

Program EVALPLOT
(Version 2021-1)

by

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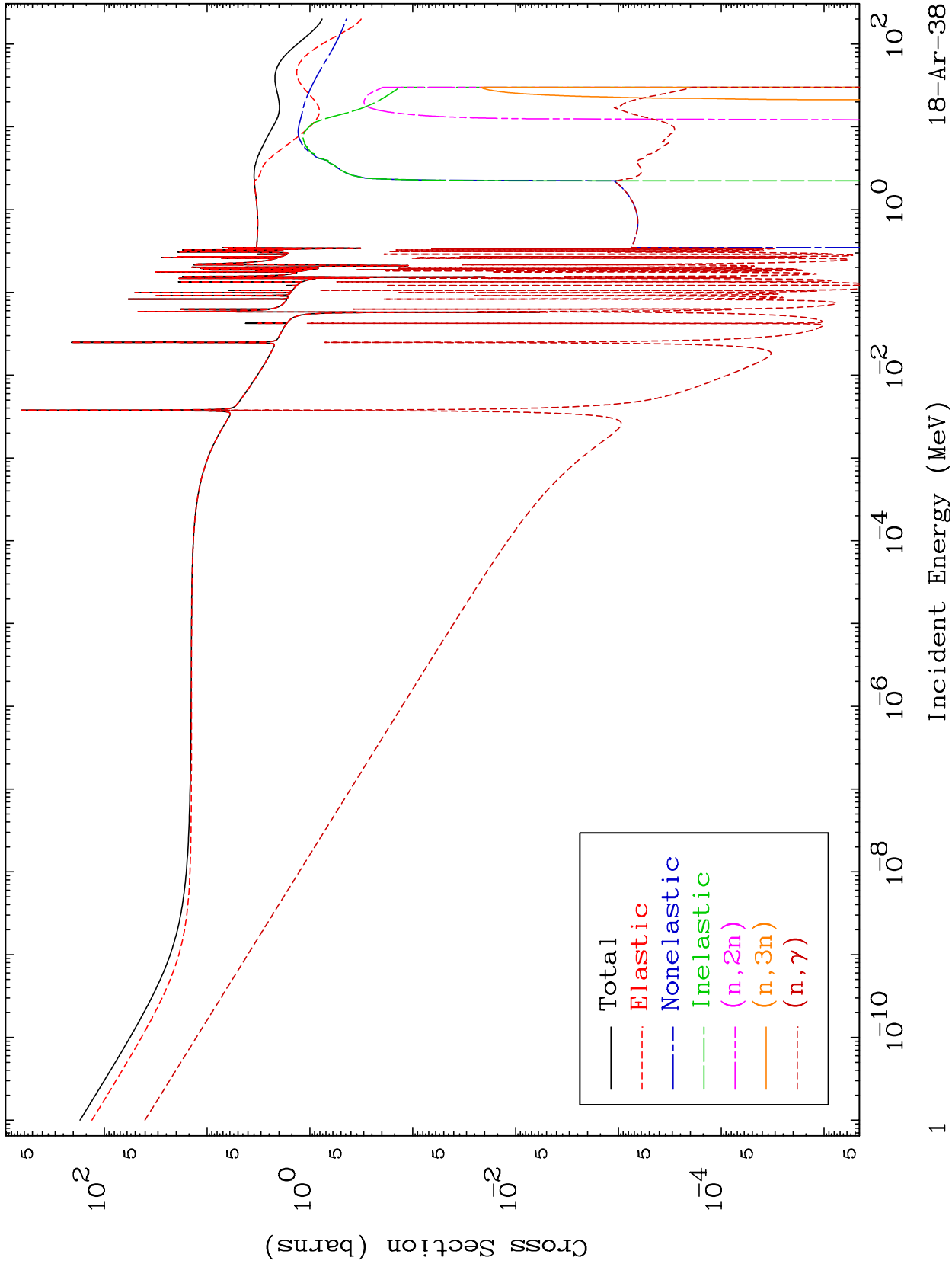
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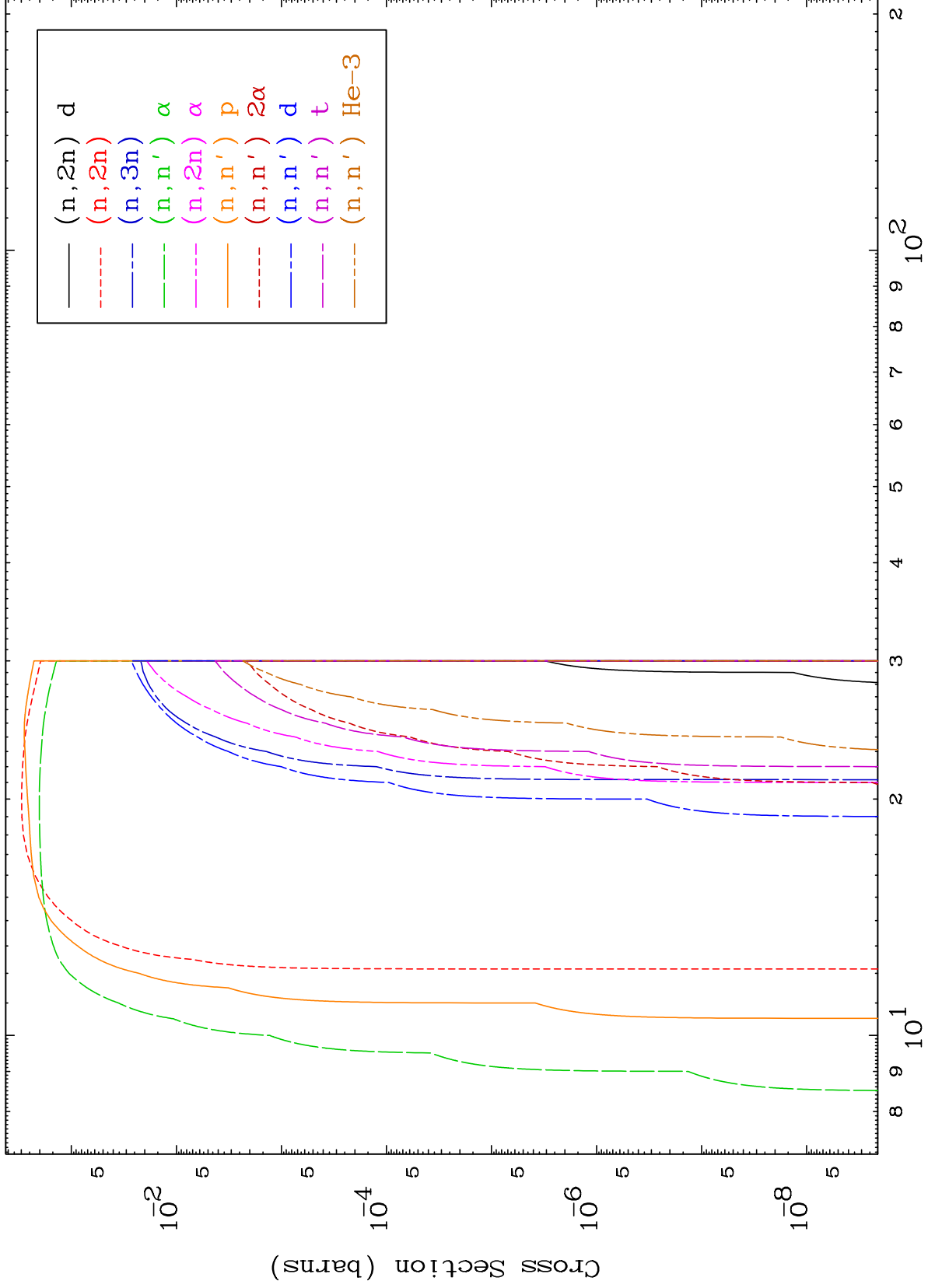
Press Mouse Button to Start

MAT 1831

Neutron Major
293 Kelvin Cross Sections

18-Ar-38

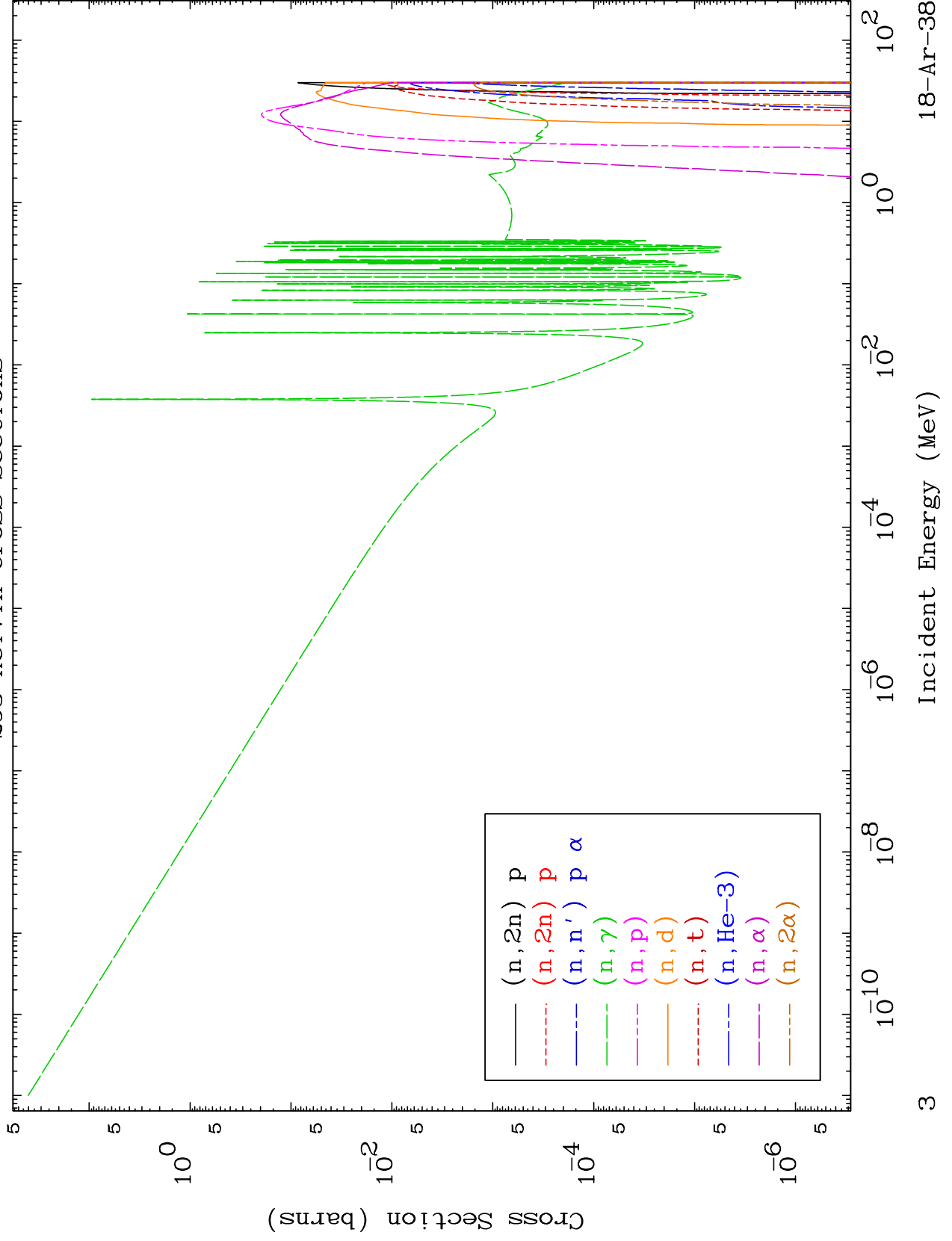


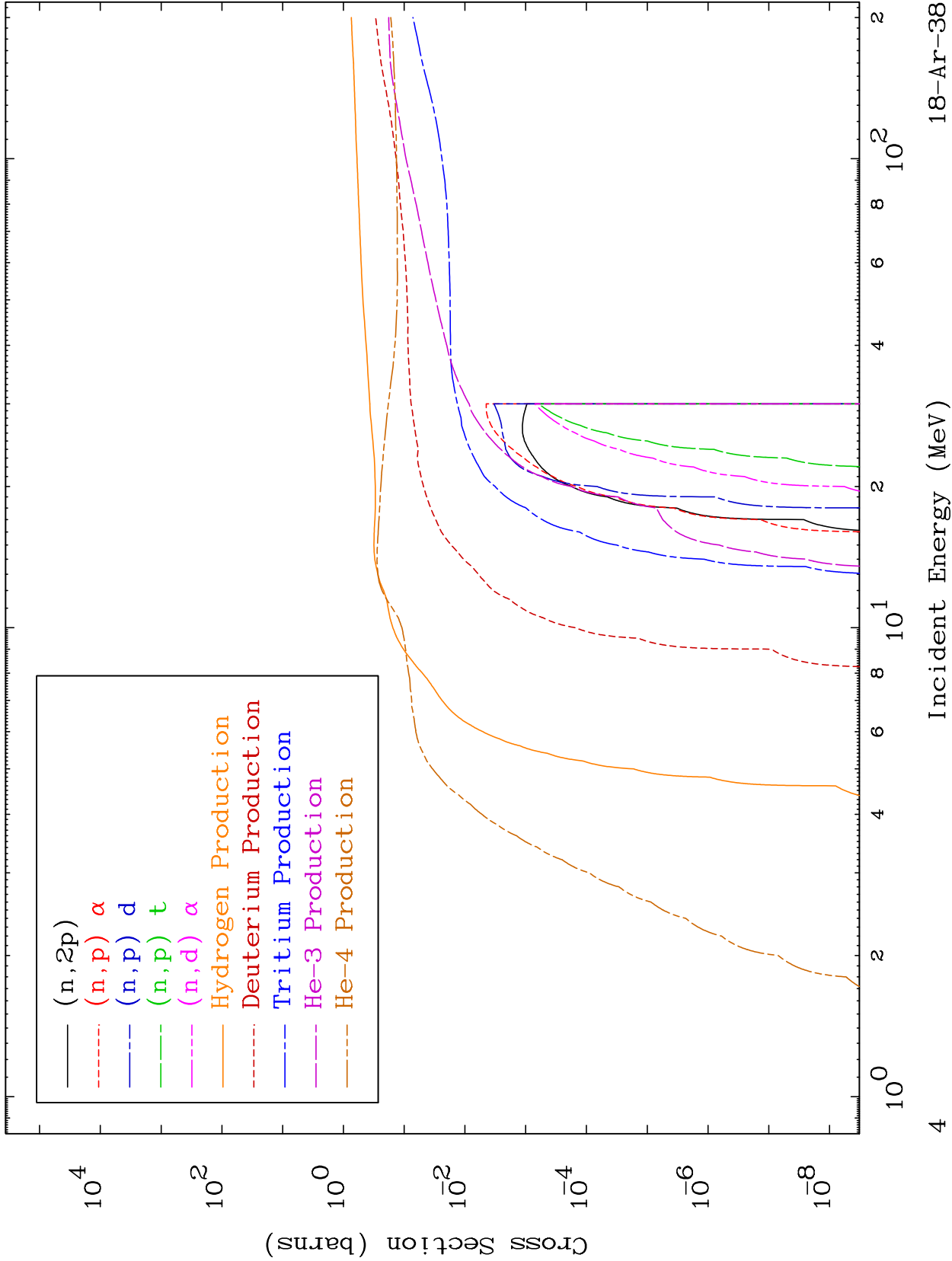


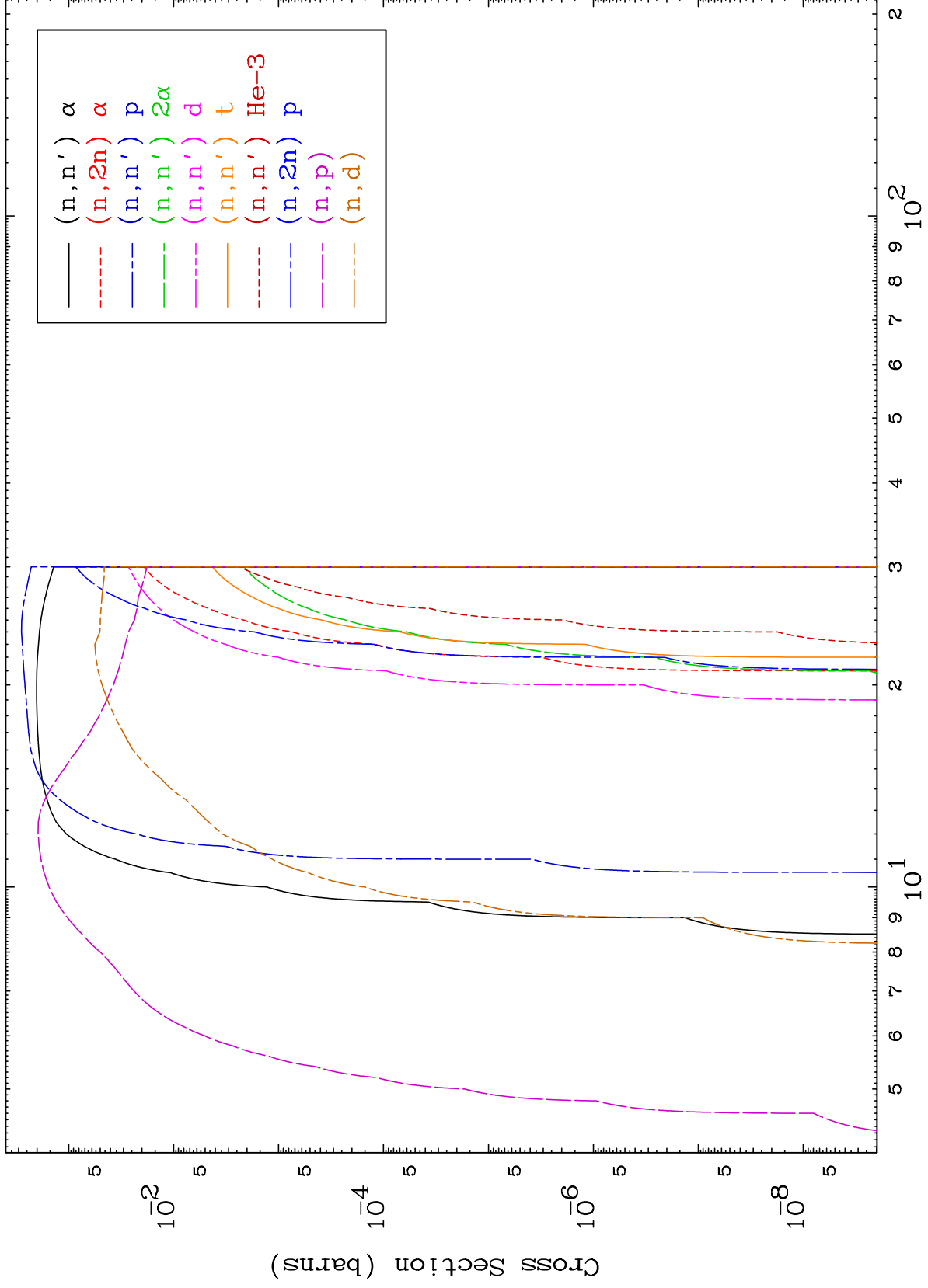
MAT 1831

Neutron Absorption
293 Kelvin Cross Sections

18-Ar-38



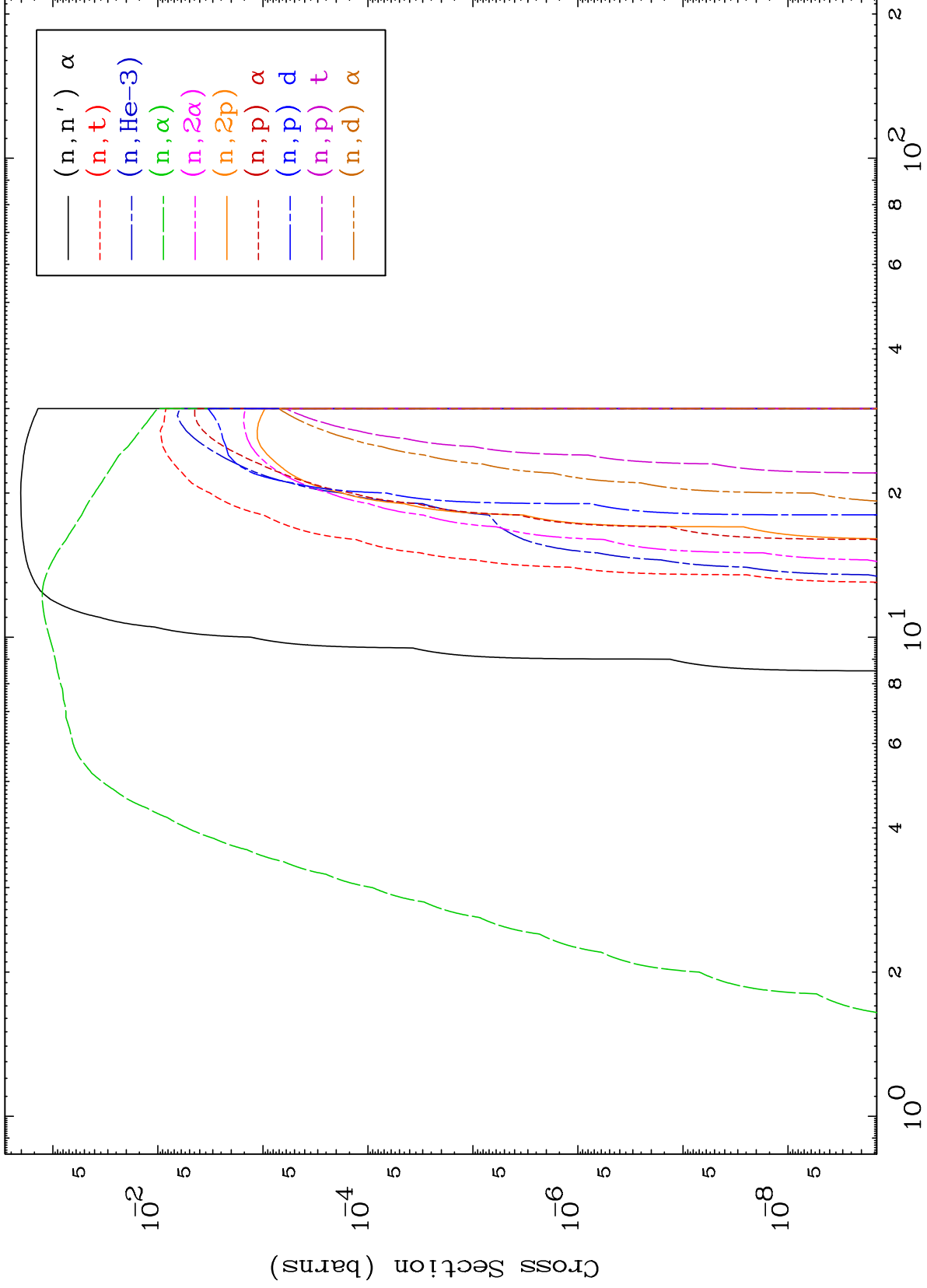




MAT 1831

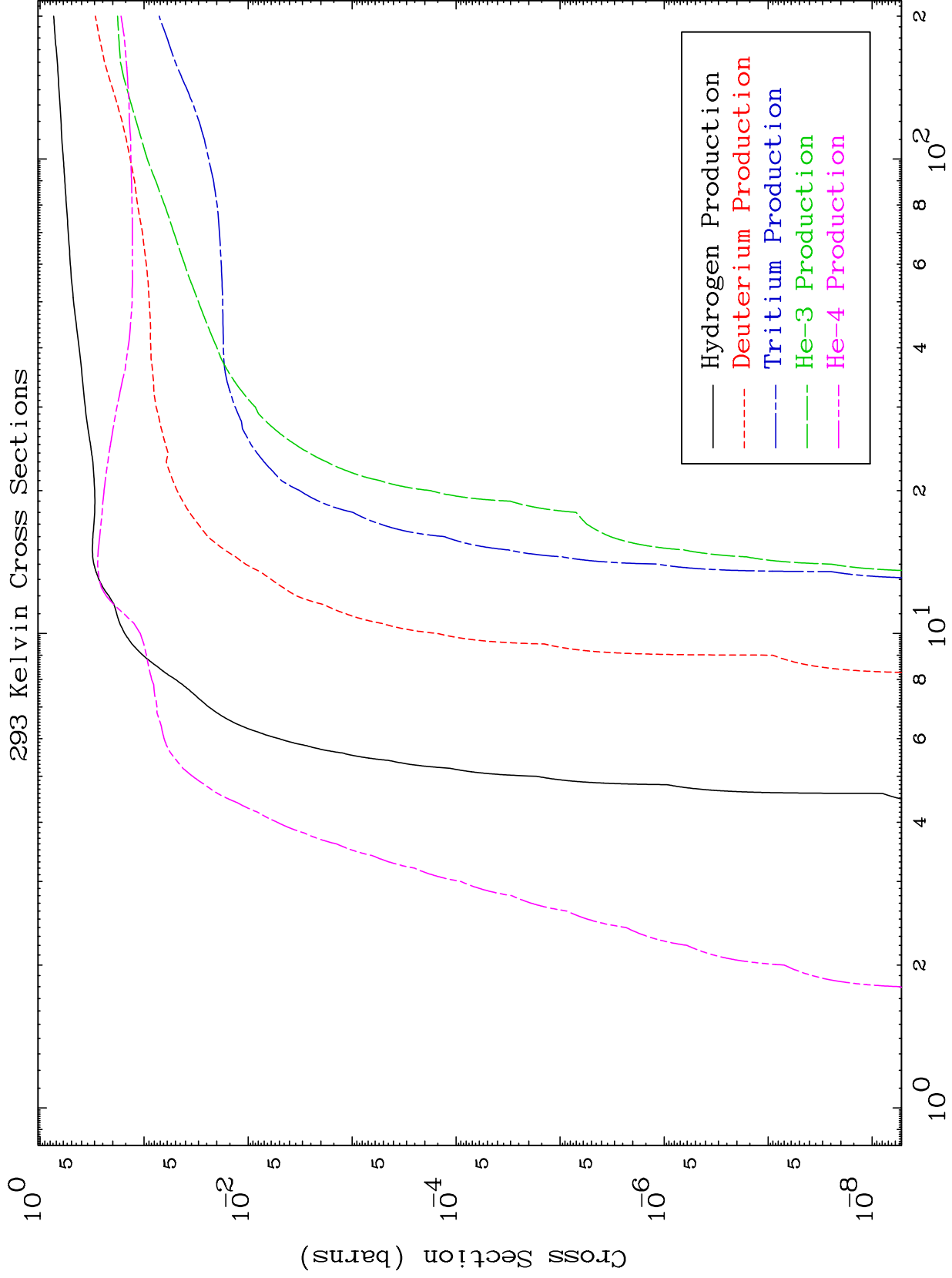
Charged Particle
293 Kelvin Cross Sections

18-Ar-38



Incident Energy (MeV)

18-Ar-38

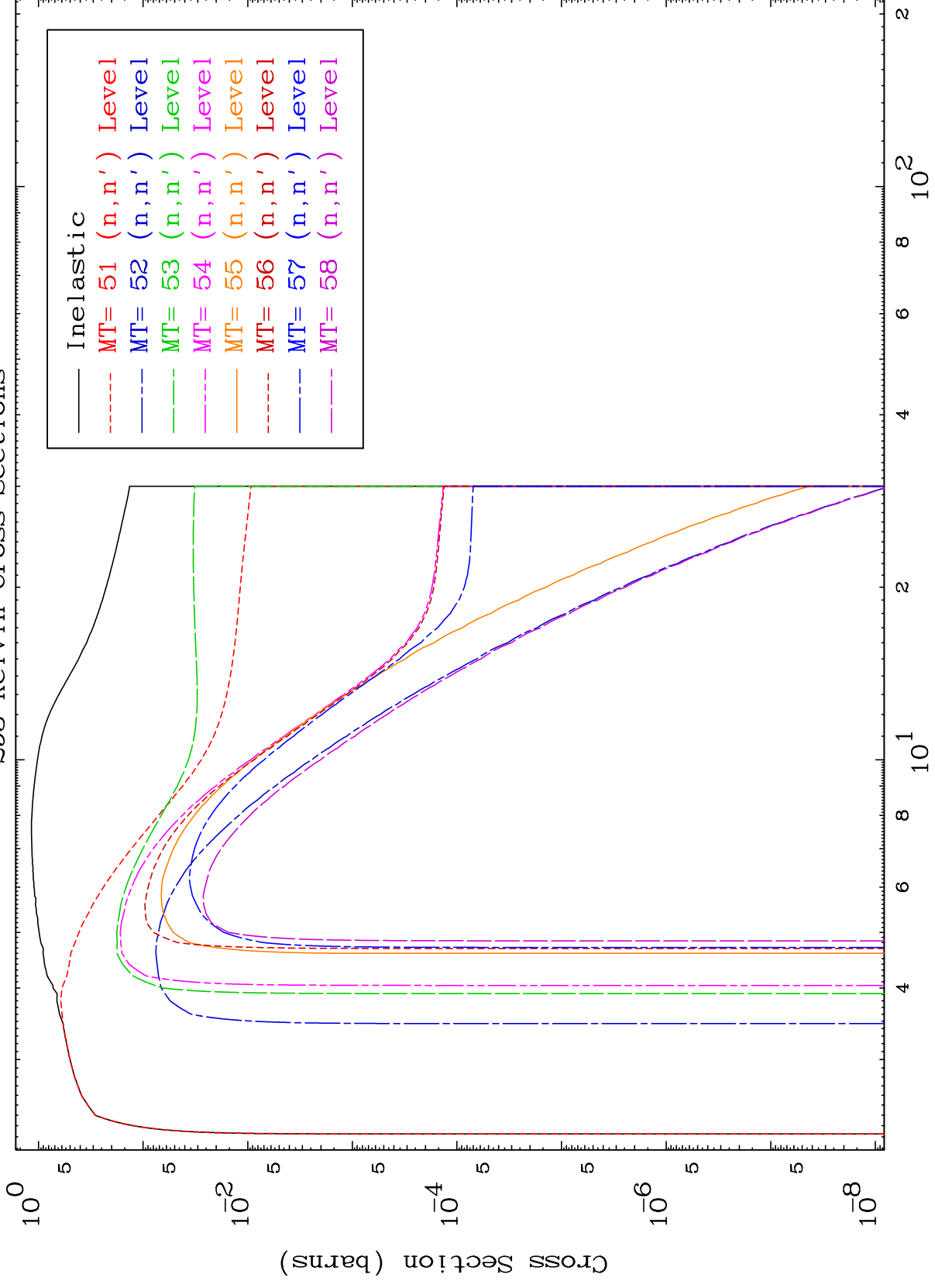


MAT 1831

(n,n') Levels

18-Ar-38

293 Kelvin Cross Sections

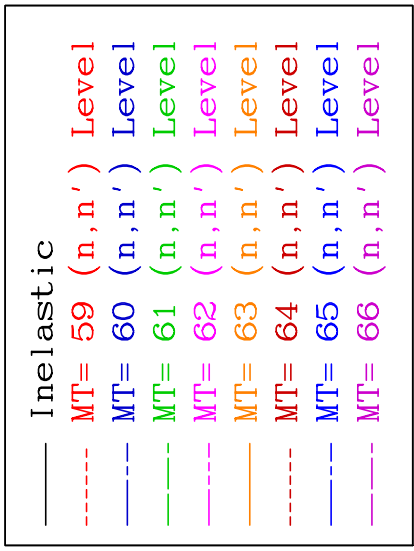
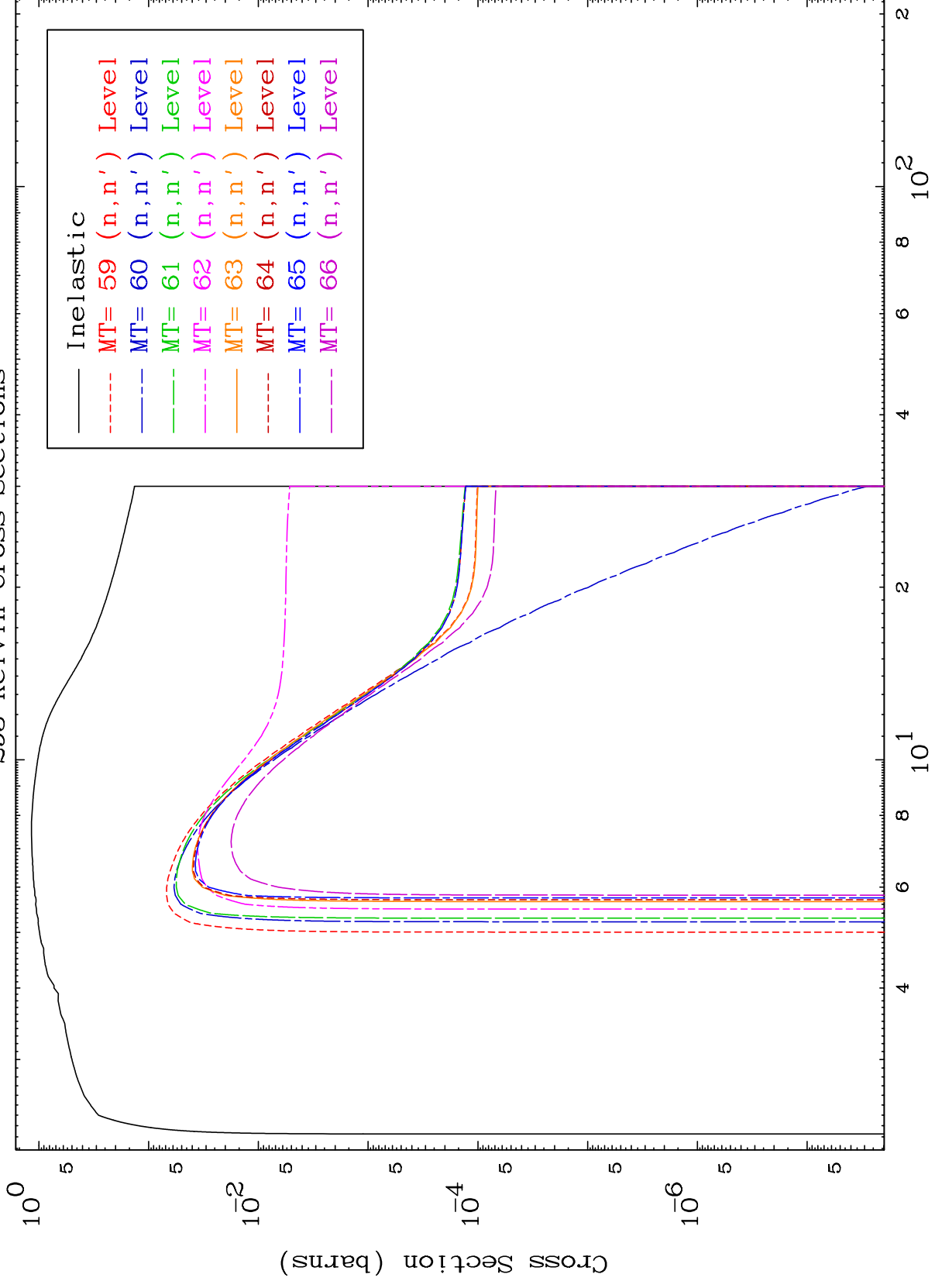


8

Incident Energy (MeV)

18-Ar-38

293 Kelvin Cross Sections

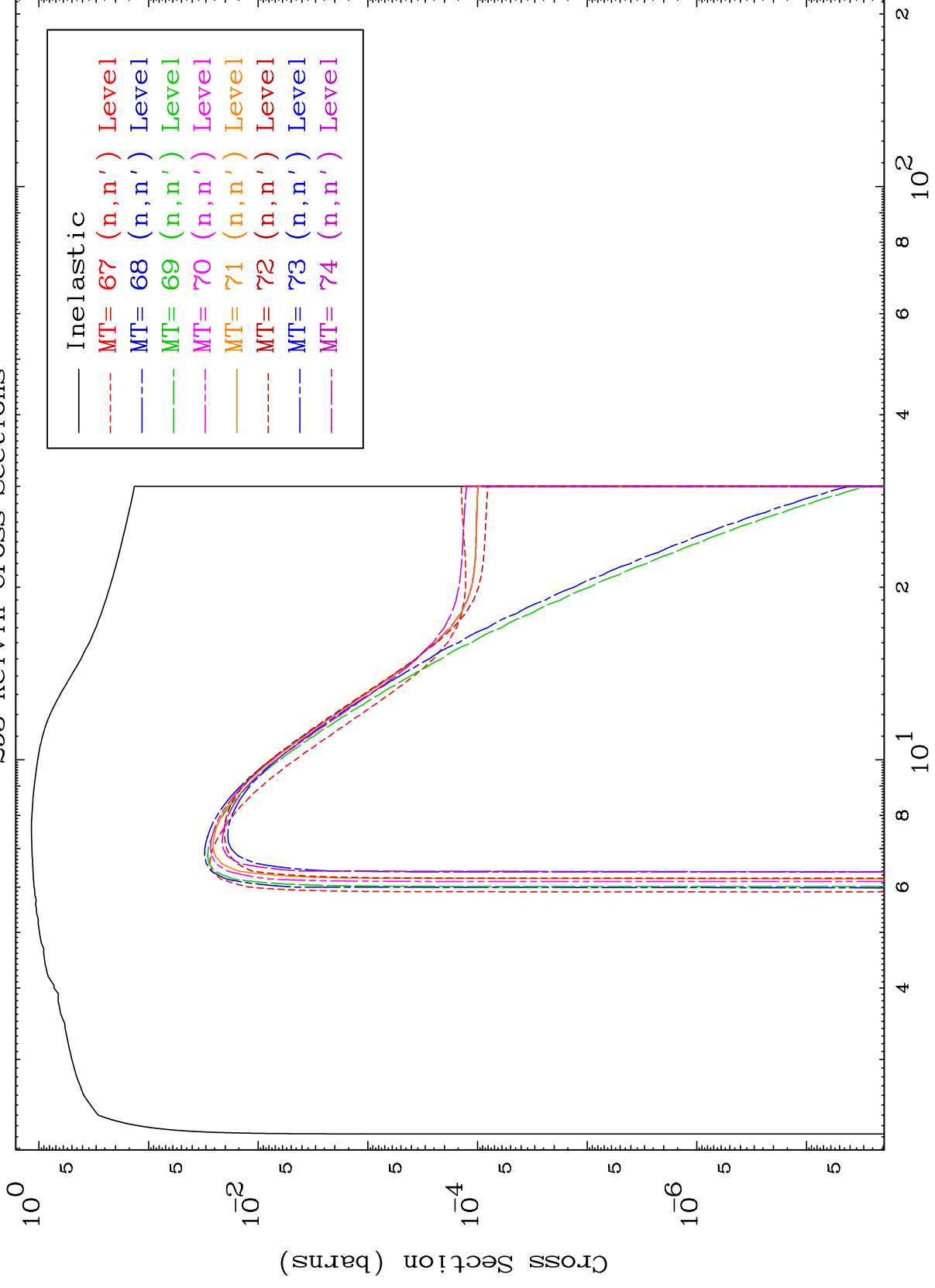


MAT 1831

(n,n') Levels

18-Ar-38

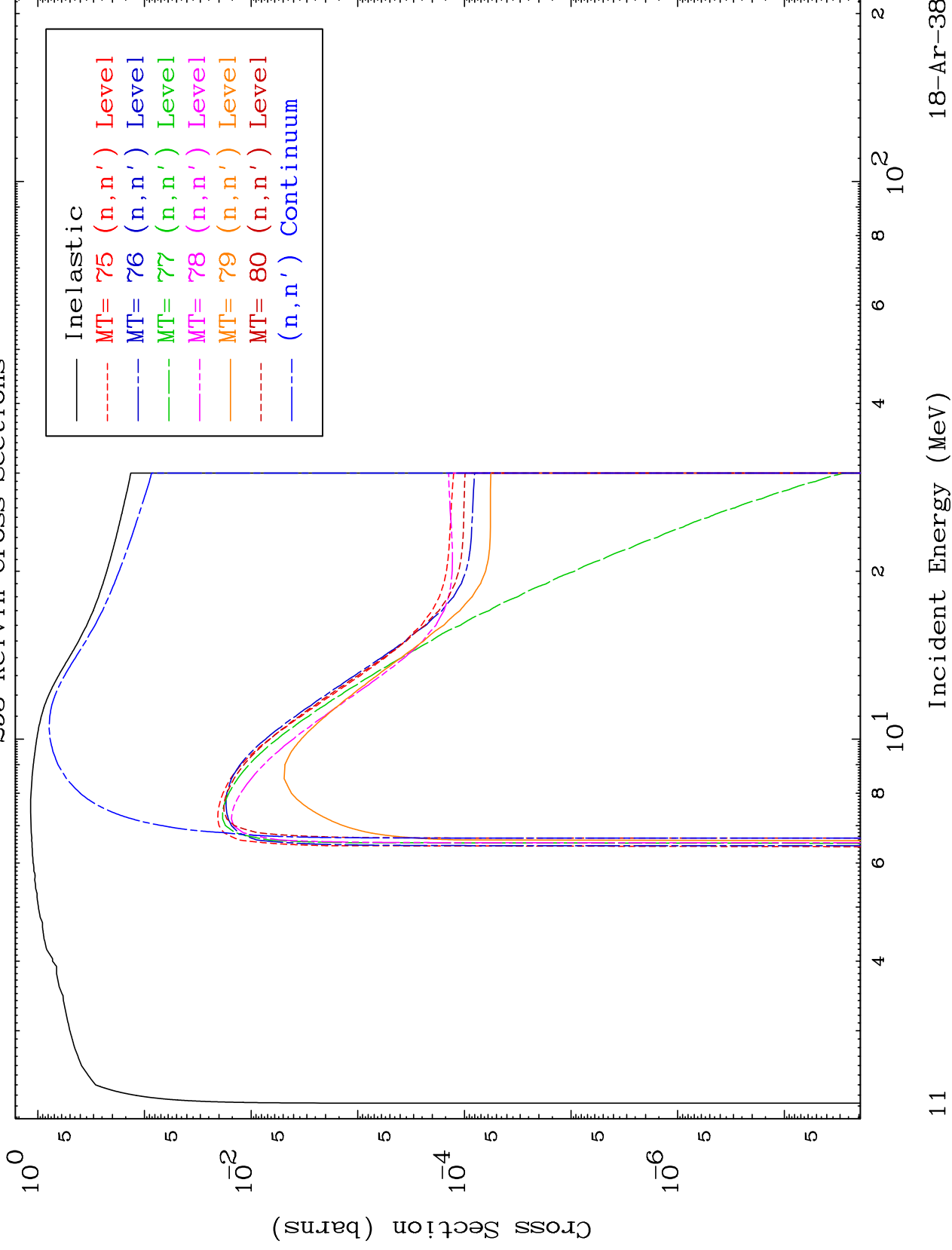
293 Kelvin Cross Sections



10

Incident Energy (MeV)

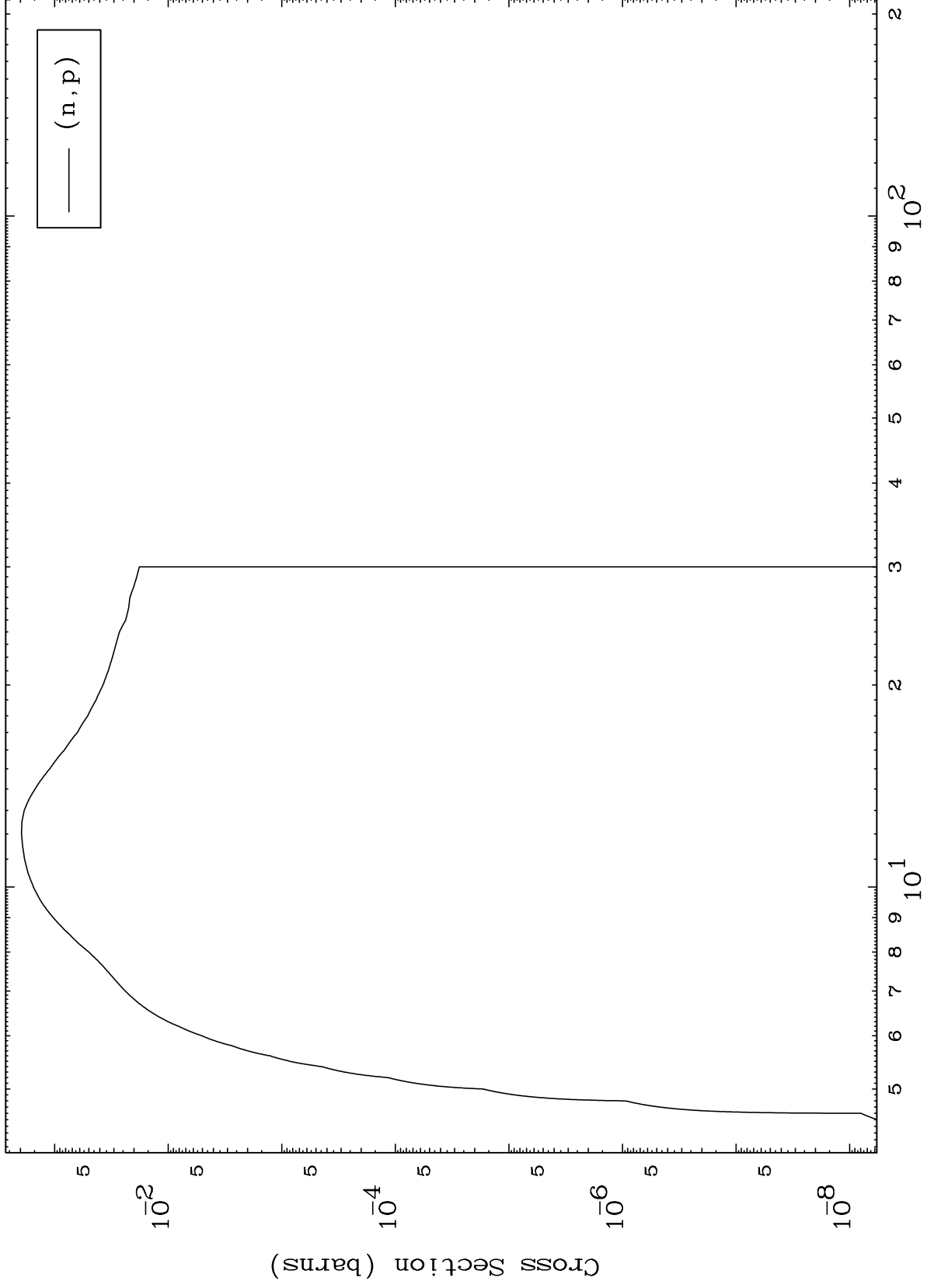
18-Ar-38



MAT 1831

(n,p) Levels
293 Kelvin Cross Sections

18-Ar-38



12

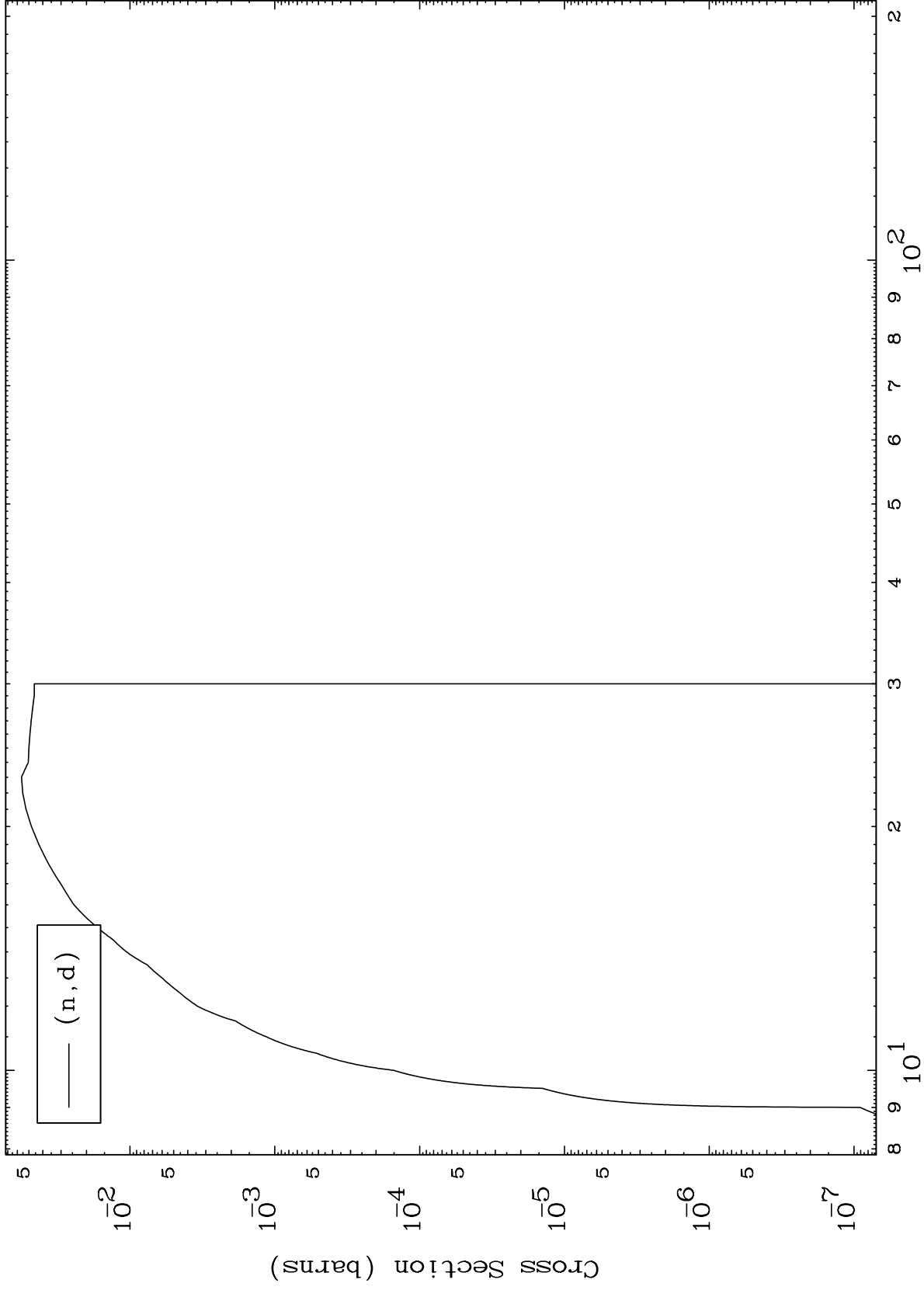
Incident Energy (MeV)

18-Ar-38

MAT 1831

(n,d) Levels
293 Kelvin Cross Sections

18-Ar-38



13

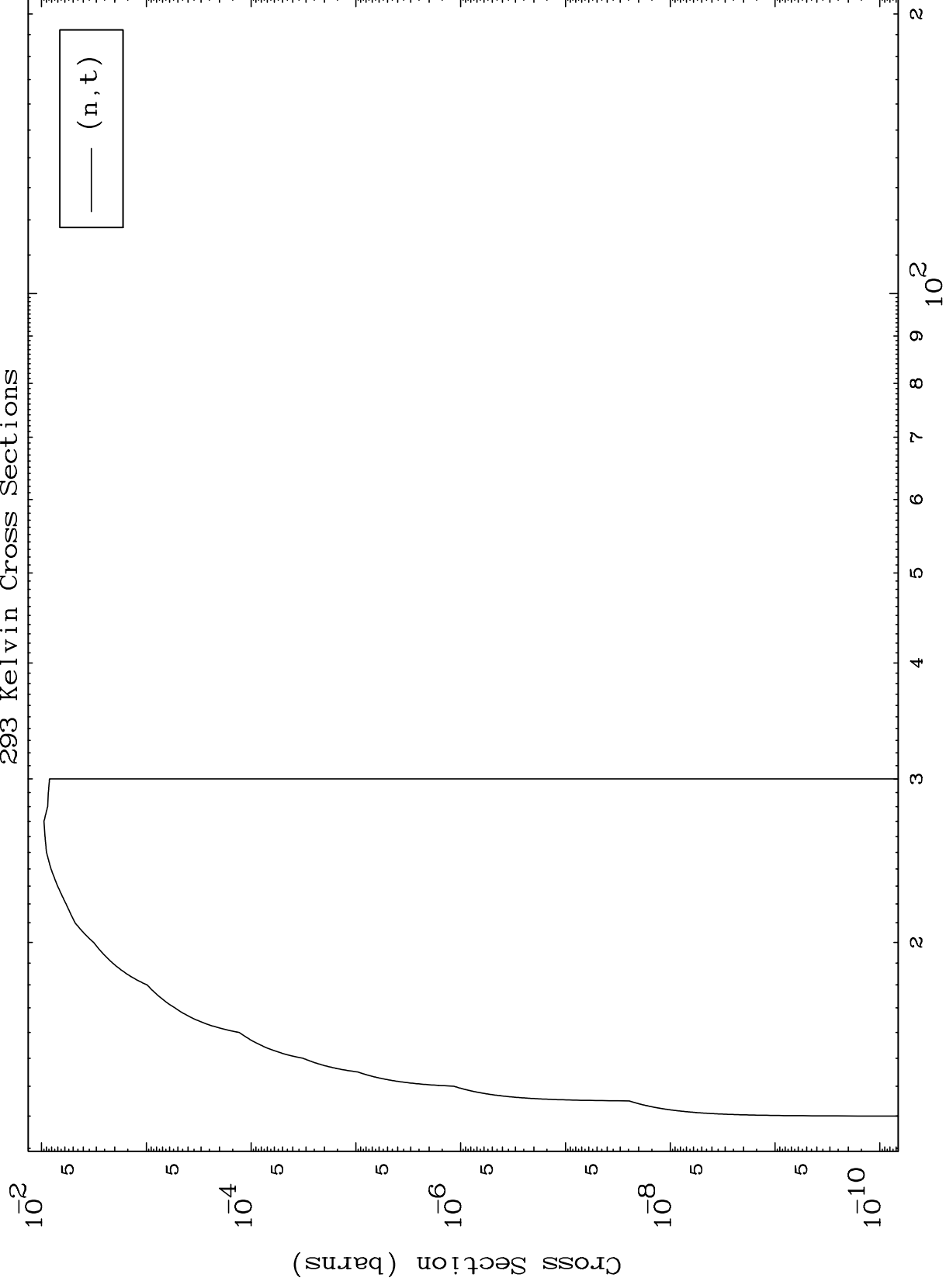
Incident Energy (MeV)

18-Ar-38

MAT 1831

(n,t) Levels
293 Kelvin Cross Sections

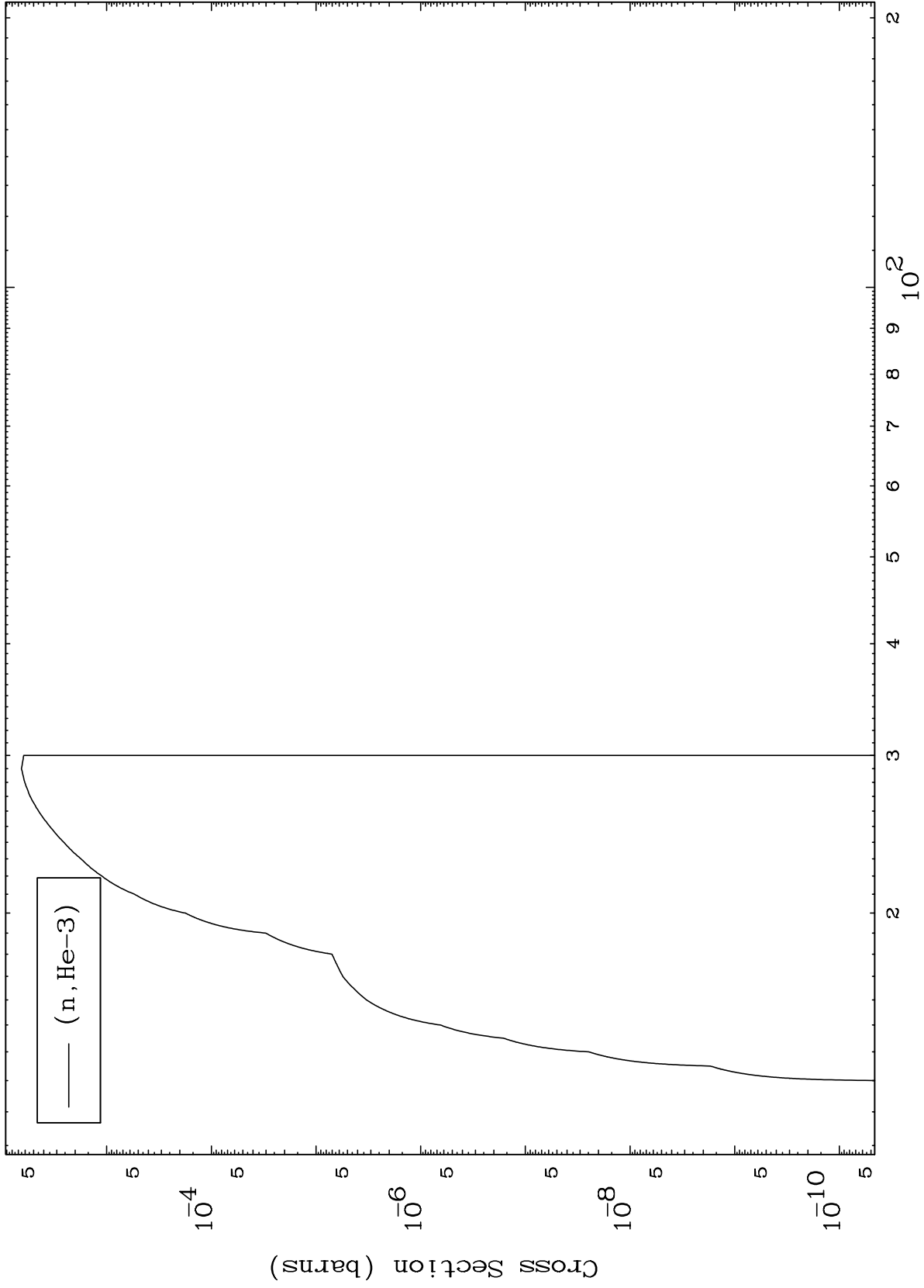
18-Ar-38



14

Incident Energy (MeV)

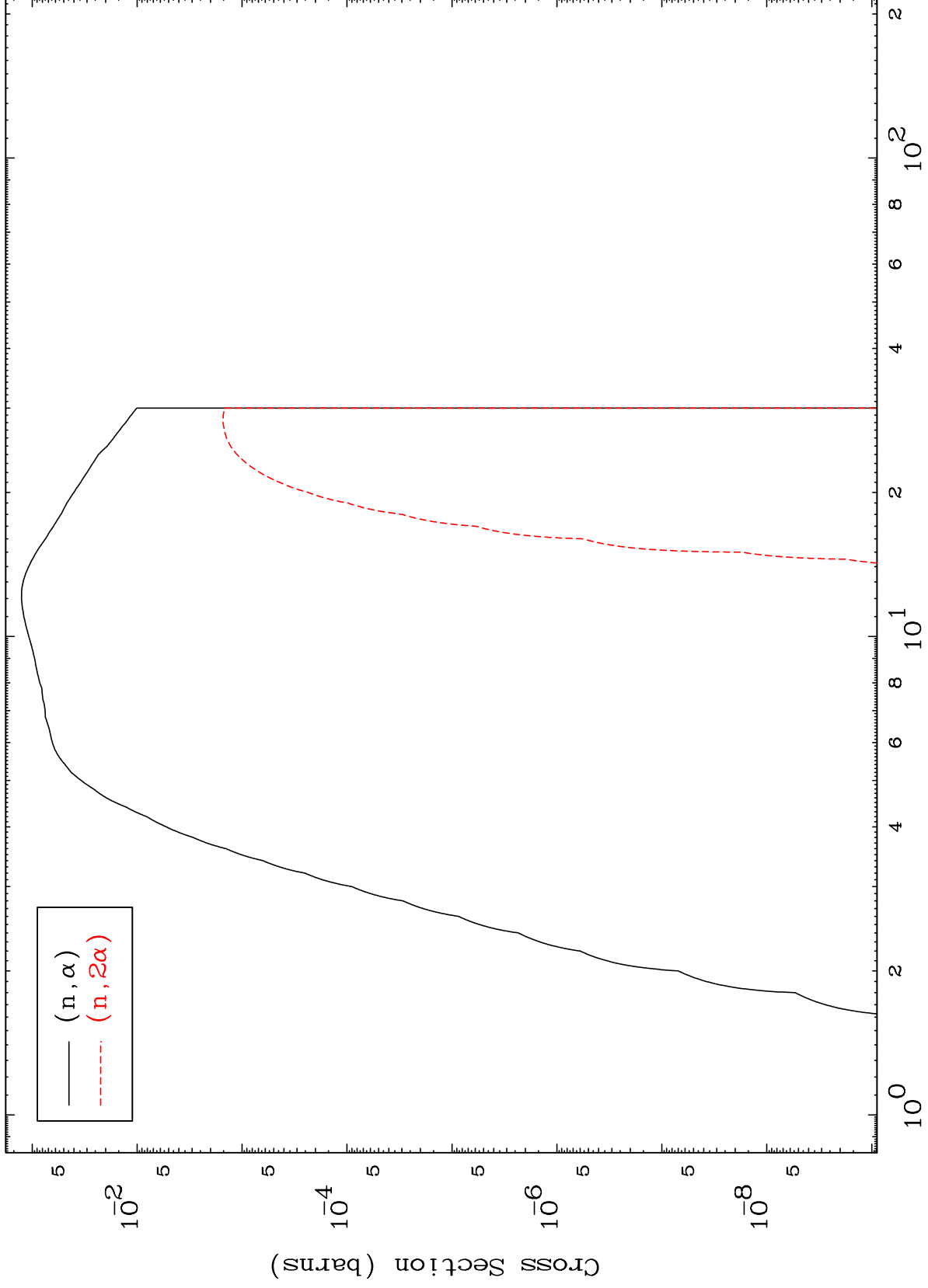
18-Ar-38



MAT 1831

(n,α) Levels
293 Kelvin Cross Sections

18-Ar-38



16

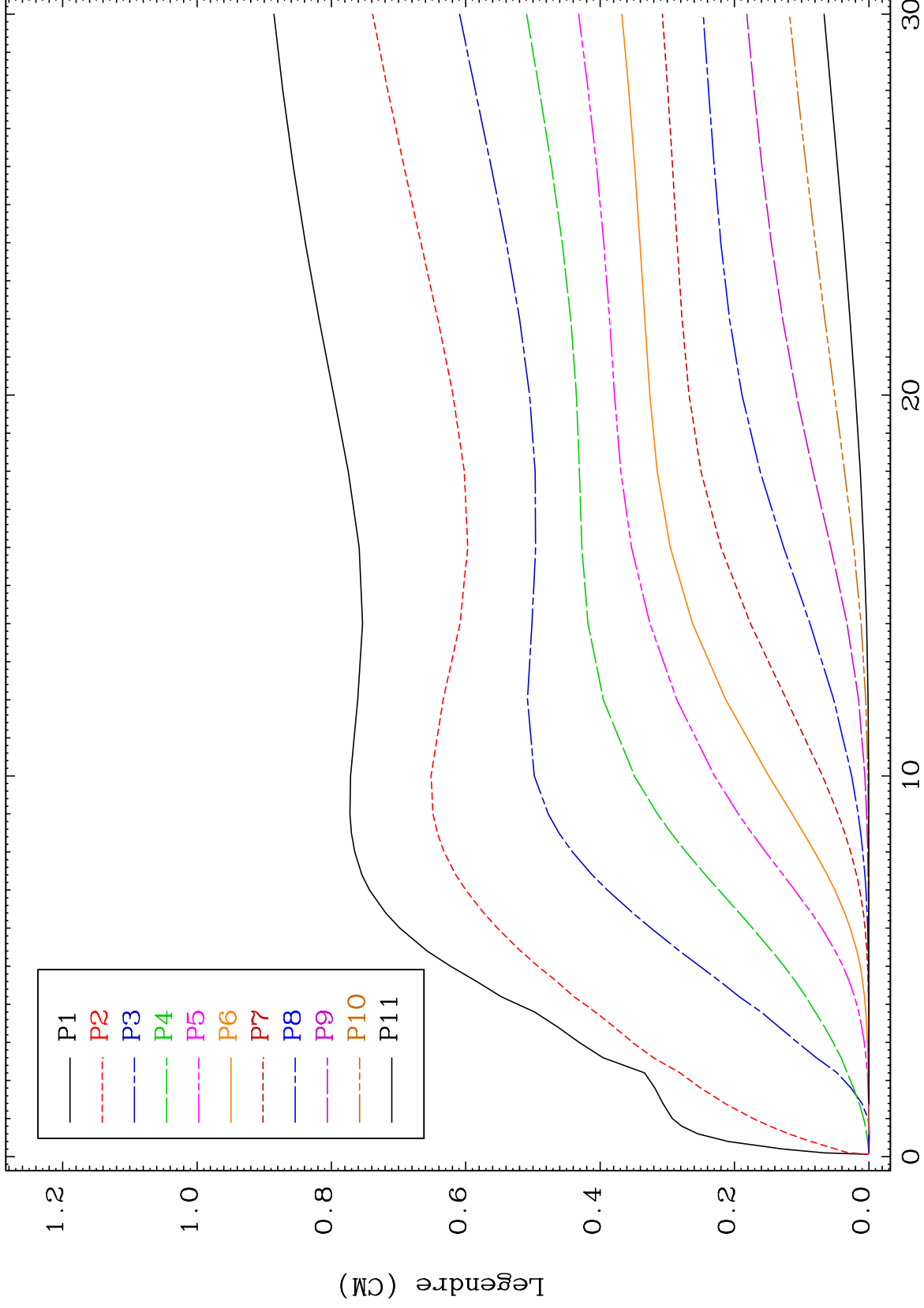
Incident Energy (MeV)

18-Ar-38

MAT 1831

Elastic Legendre Coefficients

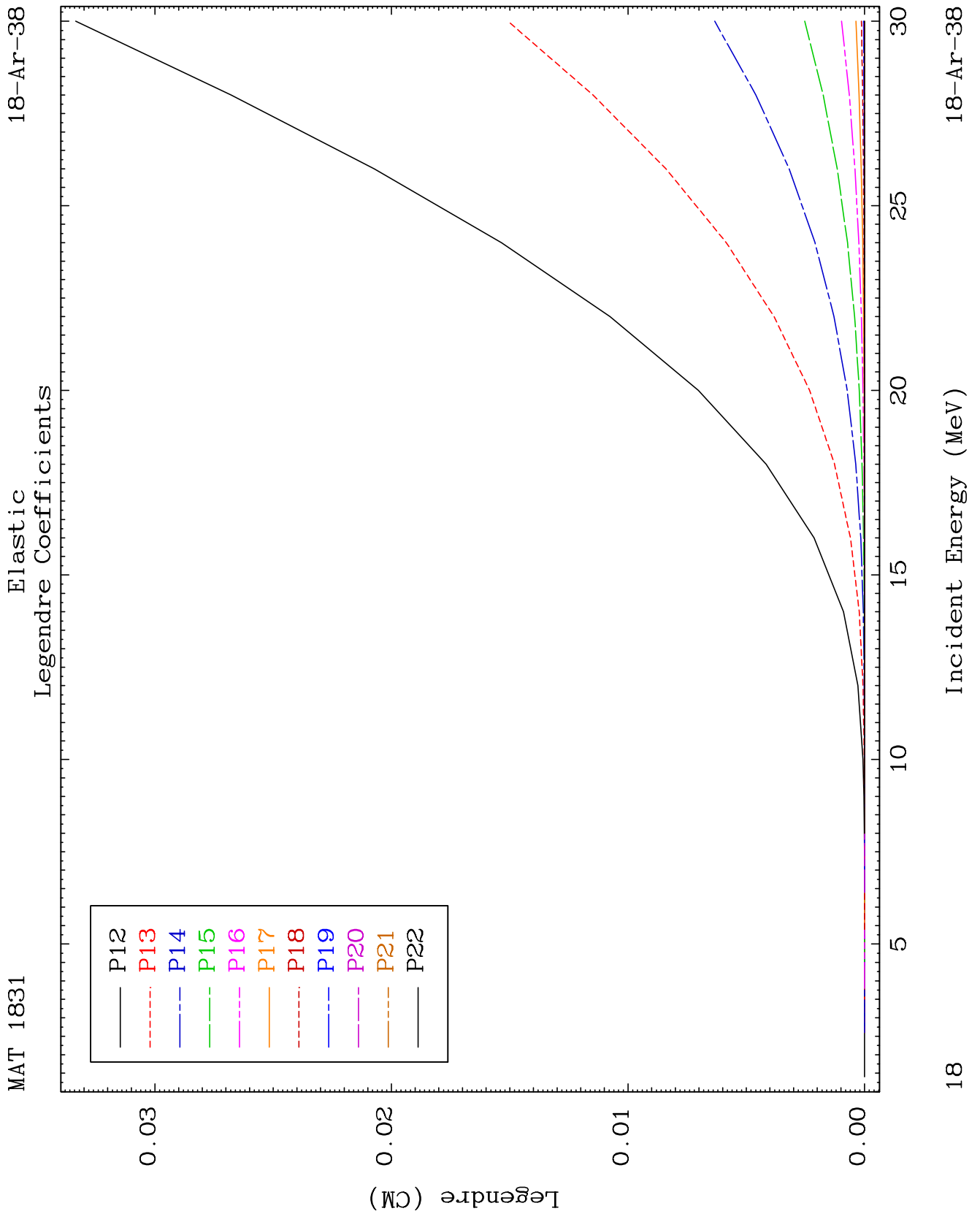
18-Ar-38



17

Incident Energy (MeV)

18-Ar-38



MAT 1831

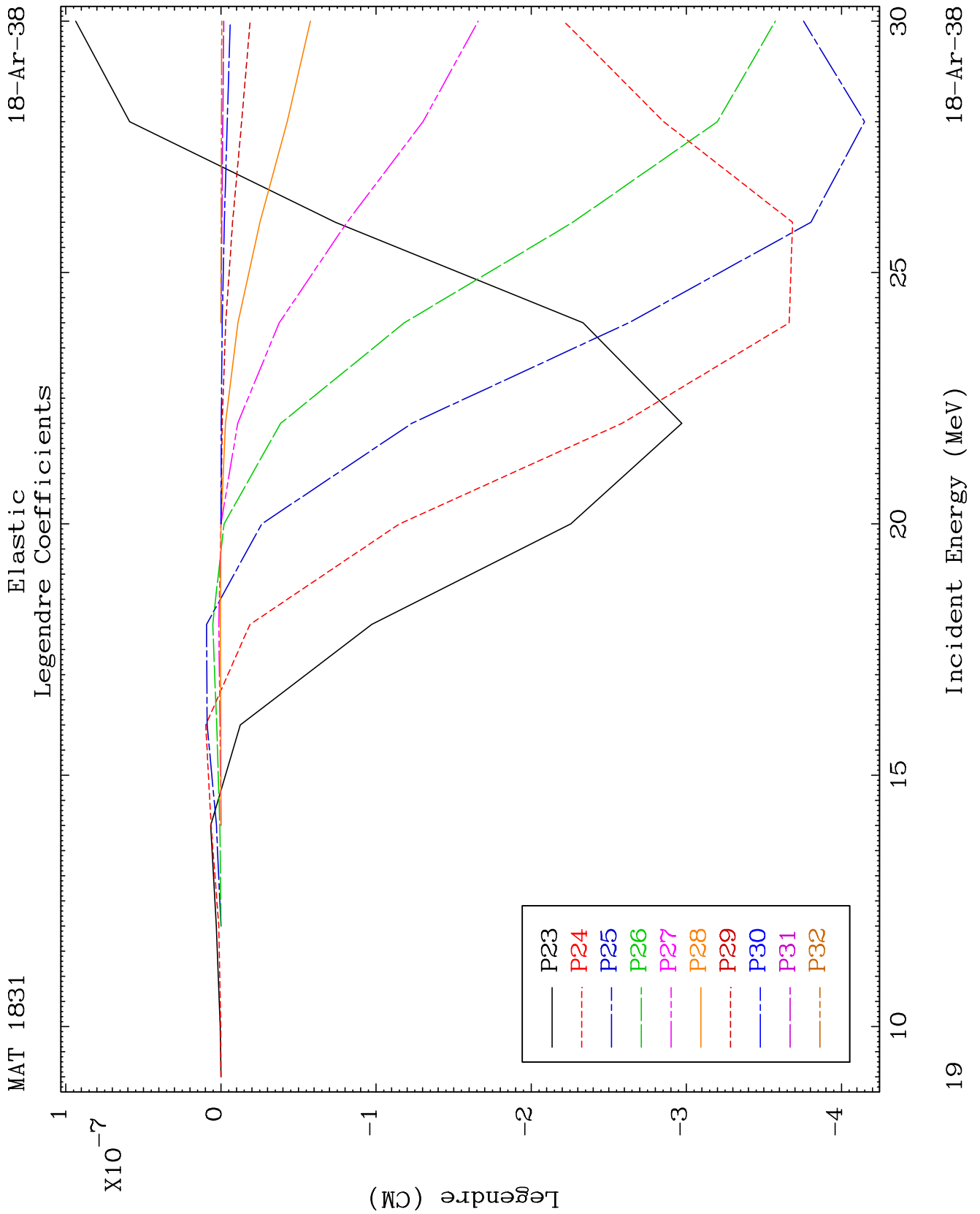
Elastic Legendre Coefficients

18-Ar-38

18

Incident Energy (MeV)

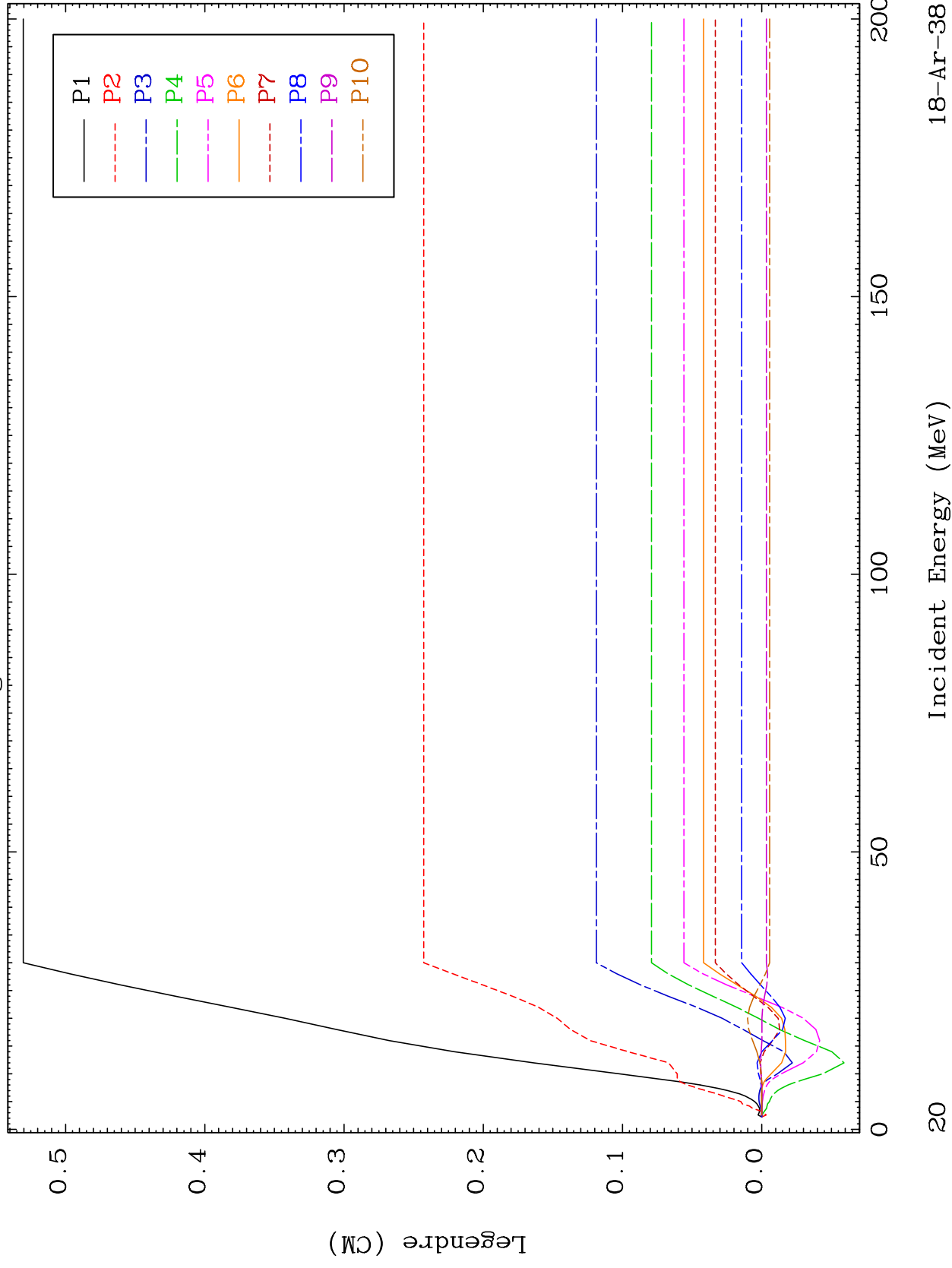
18-Ar-38

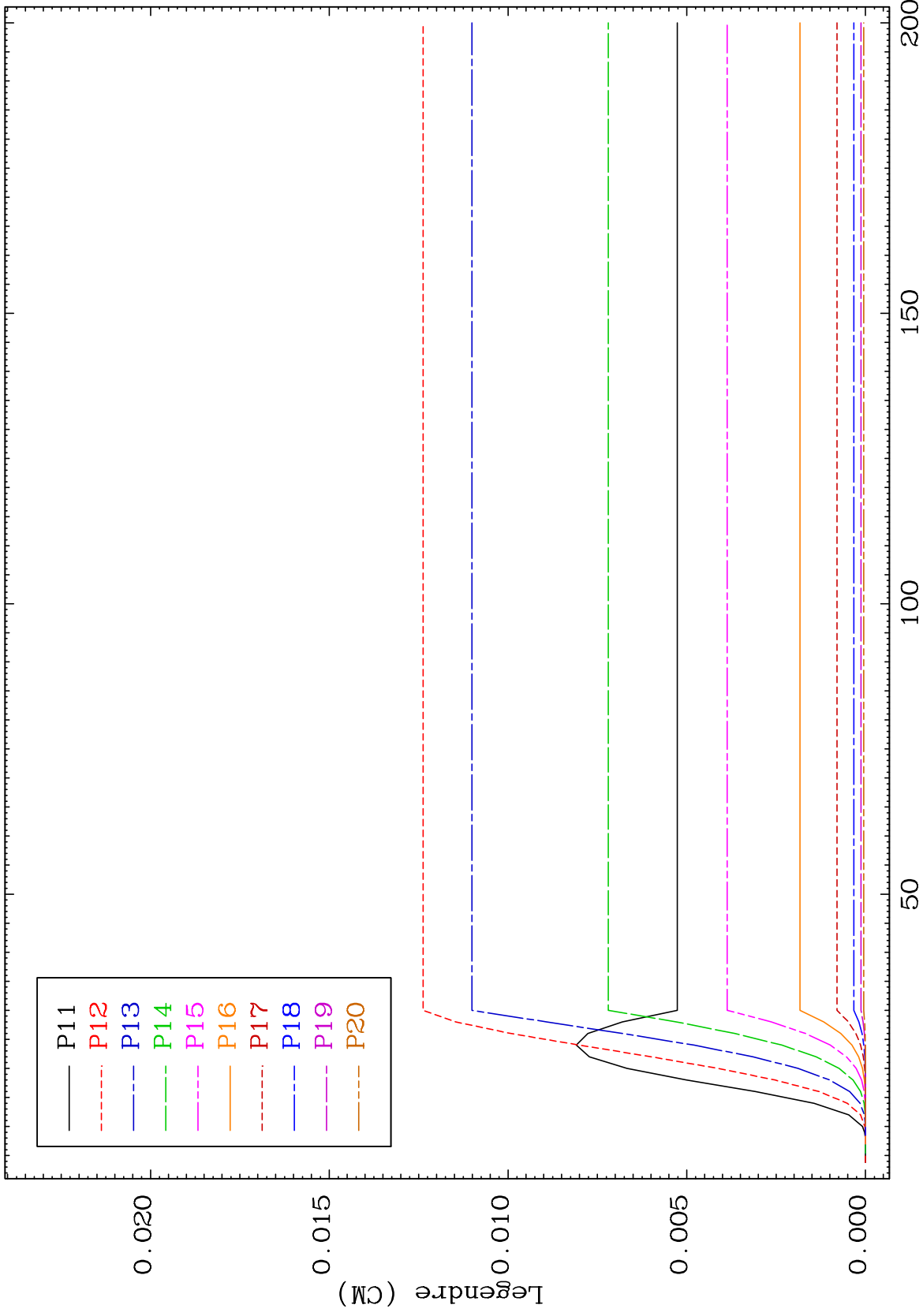


MAT 1831

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

18-Ar-38

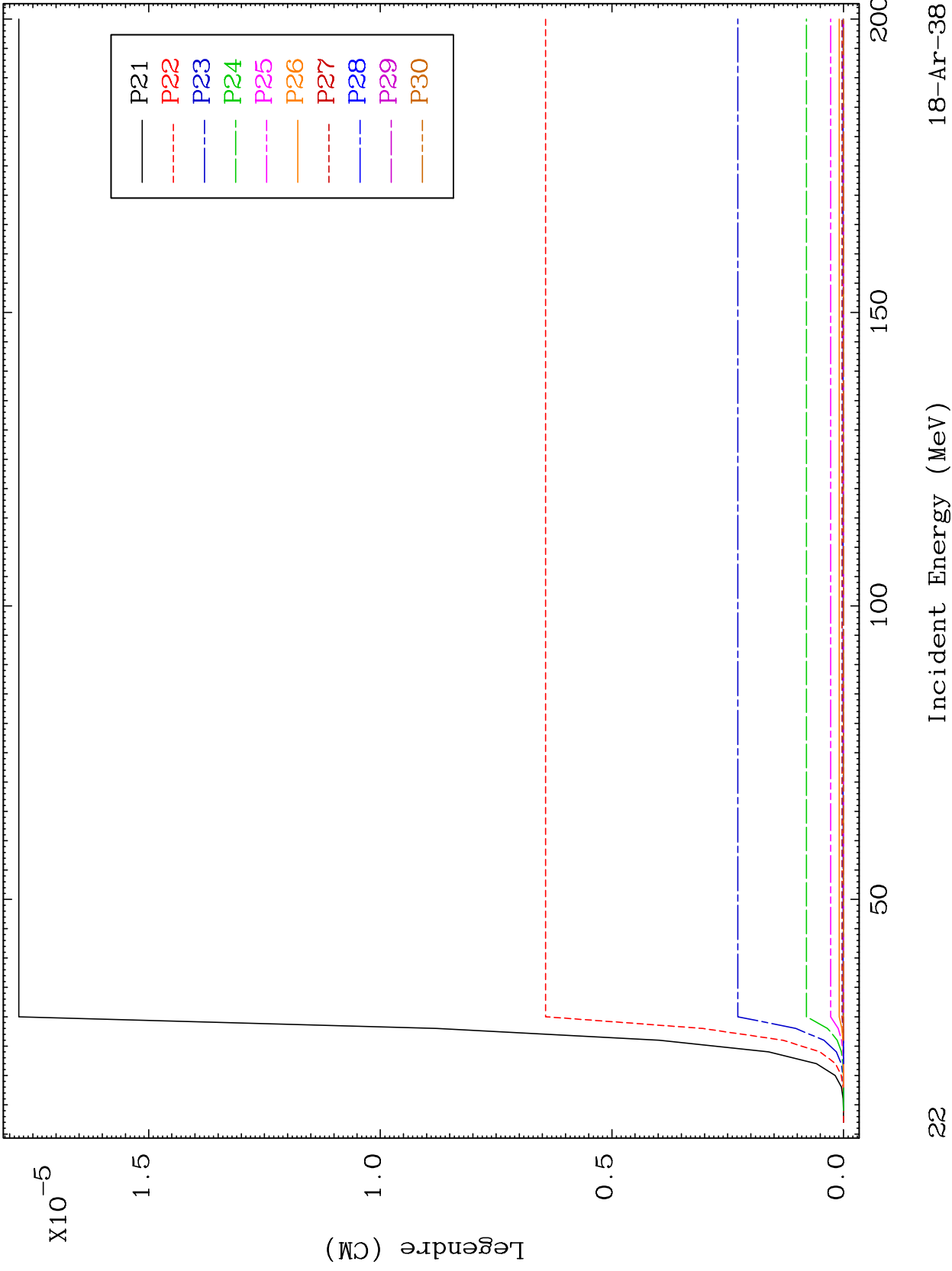




MAT 1831

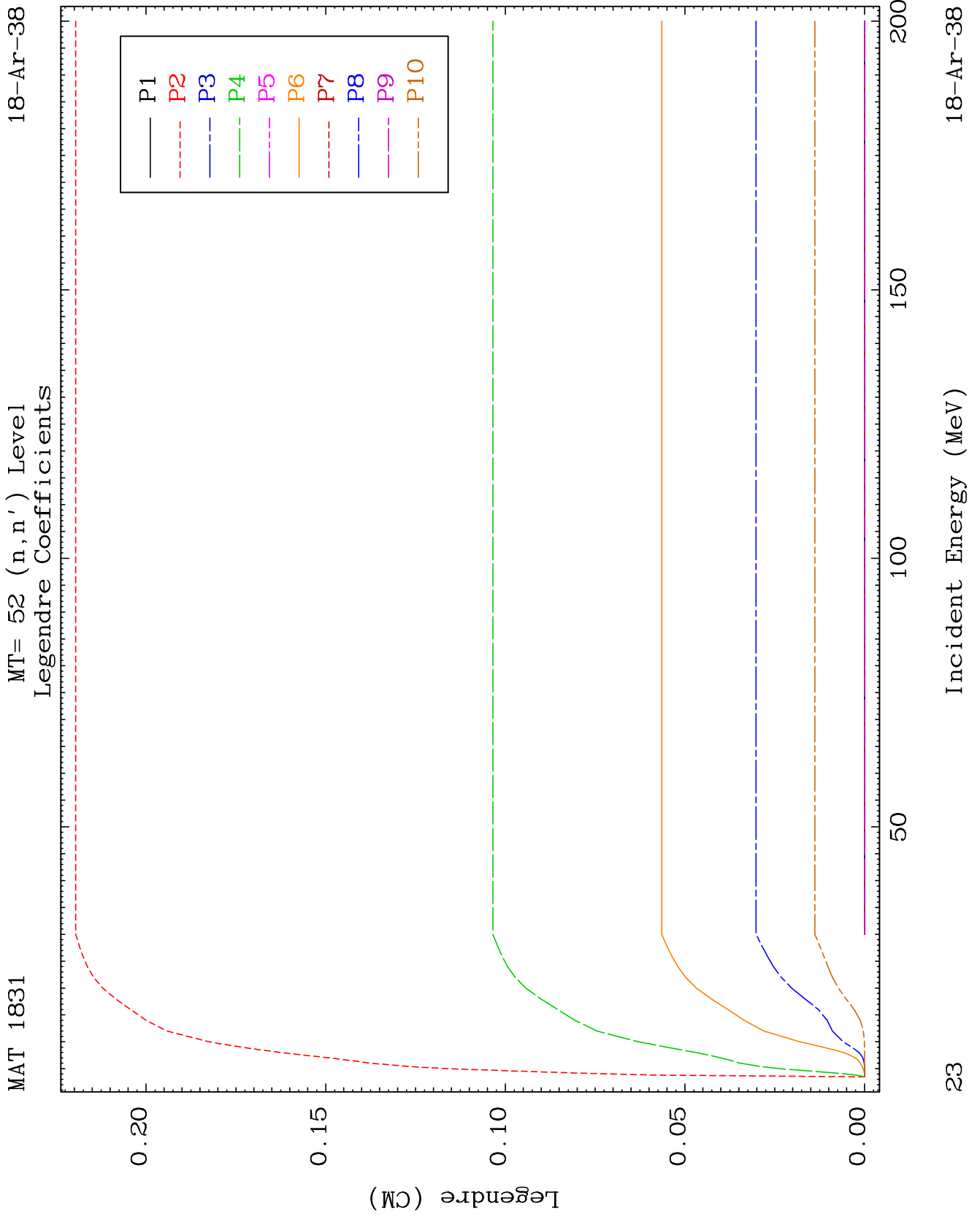
MT= 51 (n,n') Level
Legendre Coefficients

18-Ar-38



22

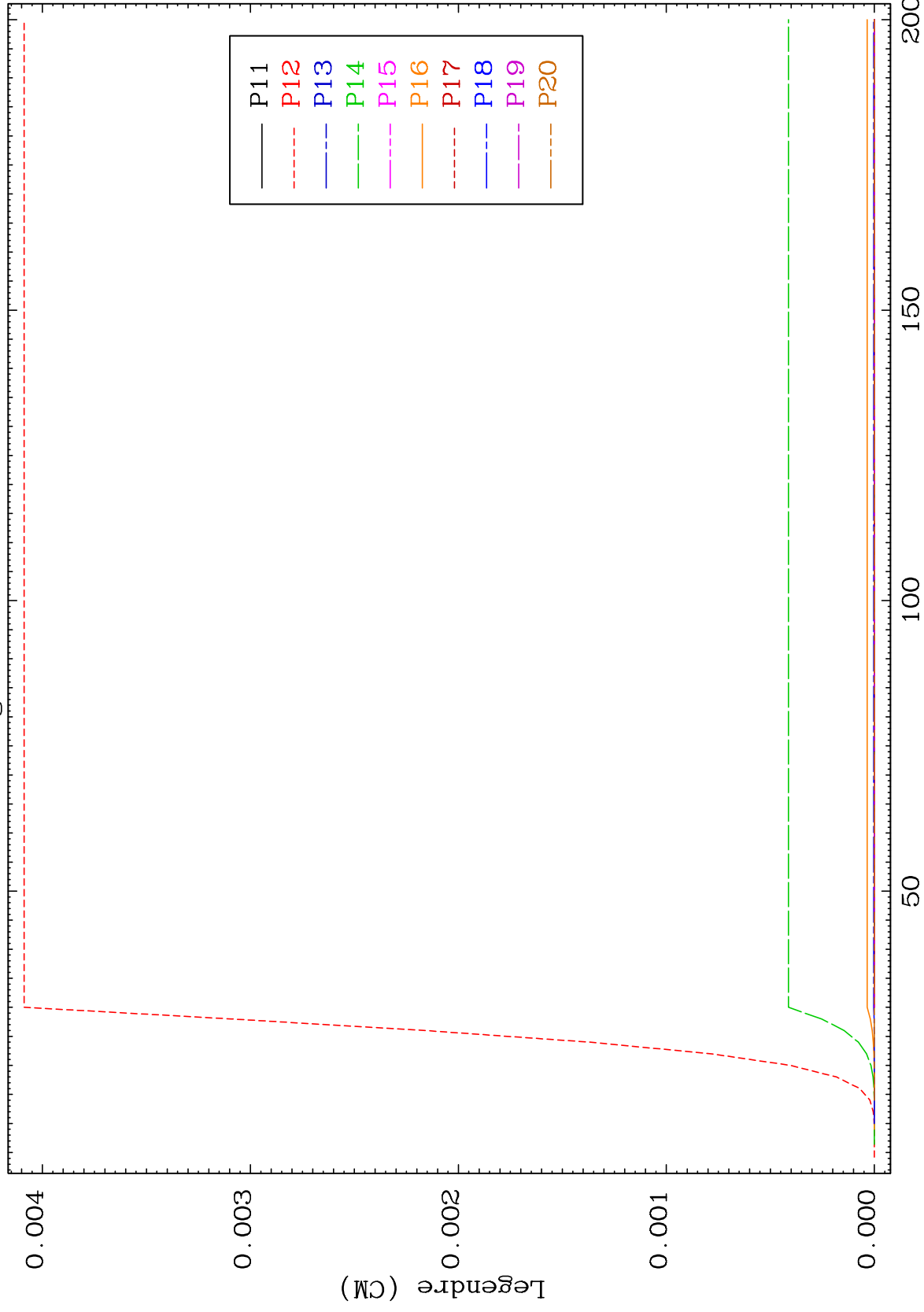
18-Ar-38



MAT 1831

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

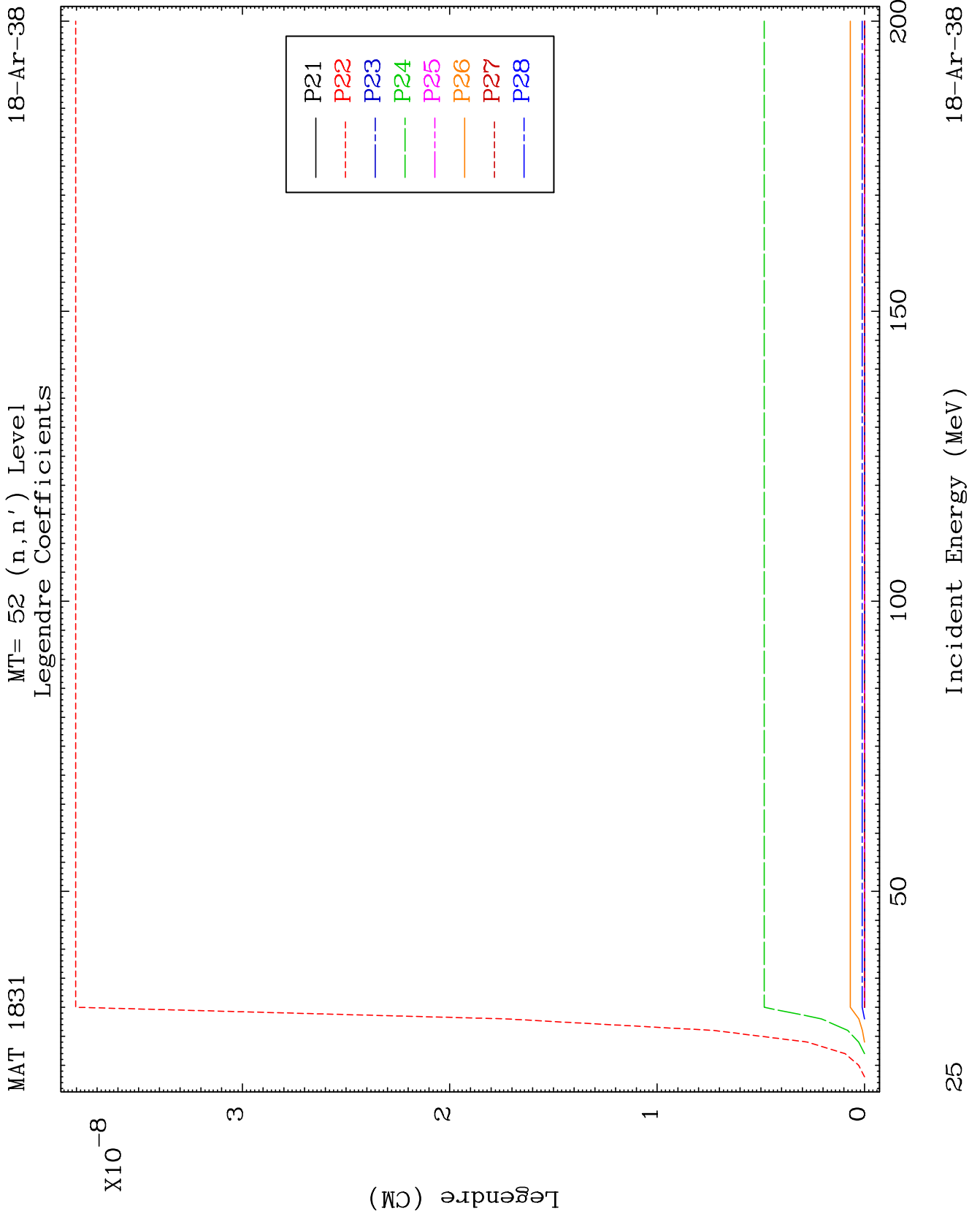
18-Ar-38

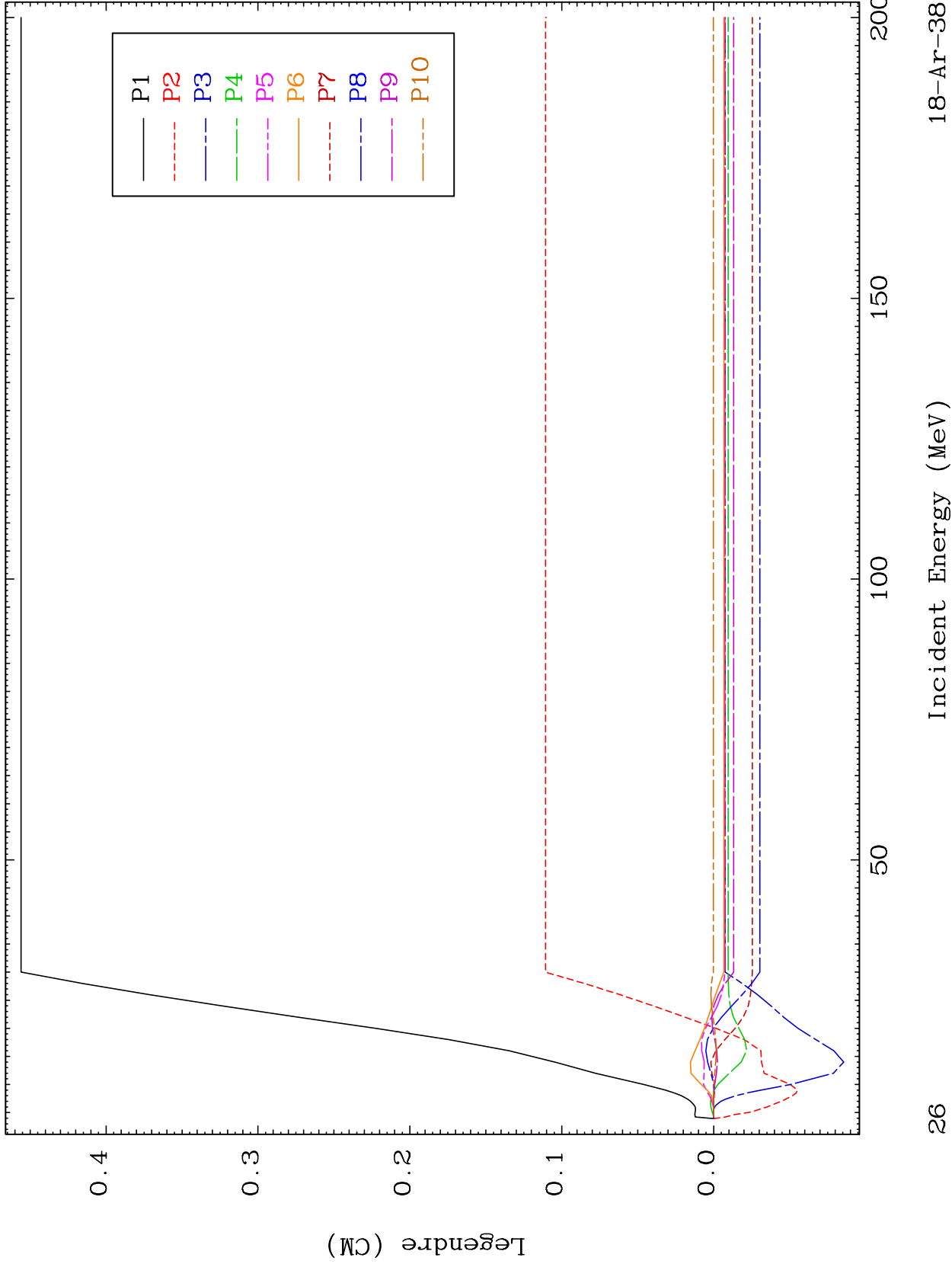


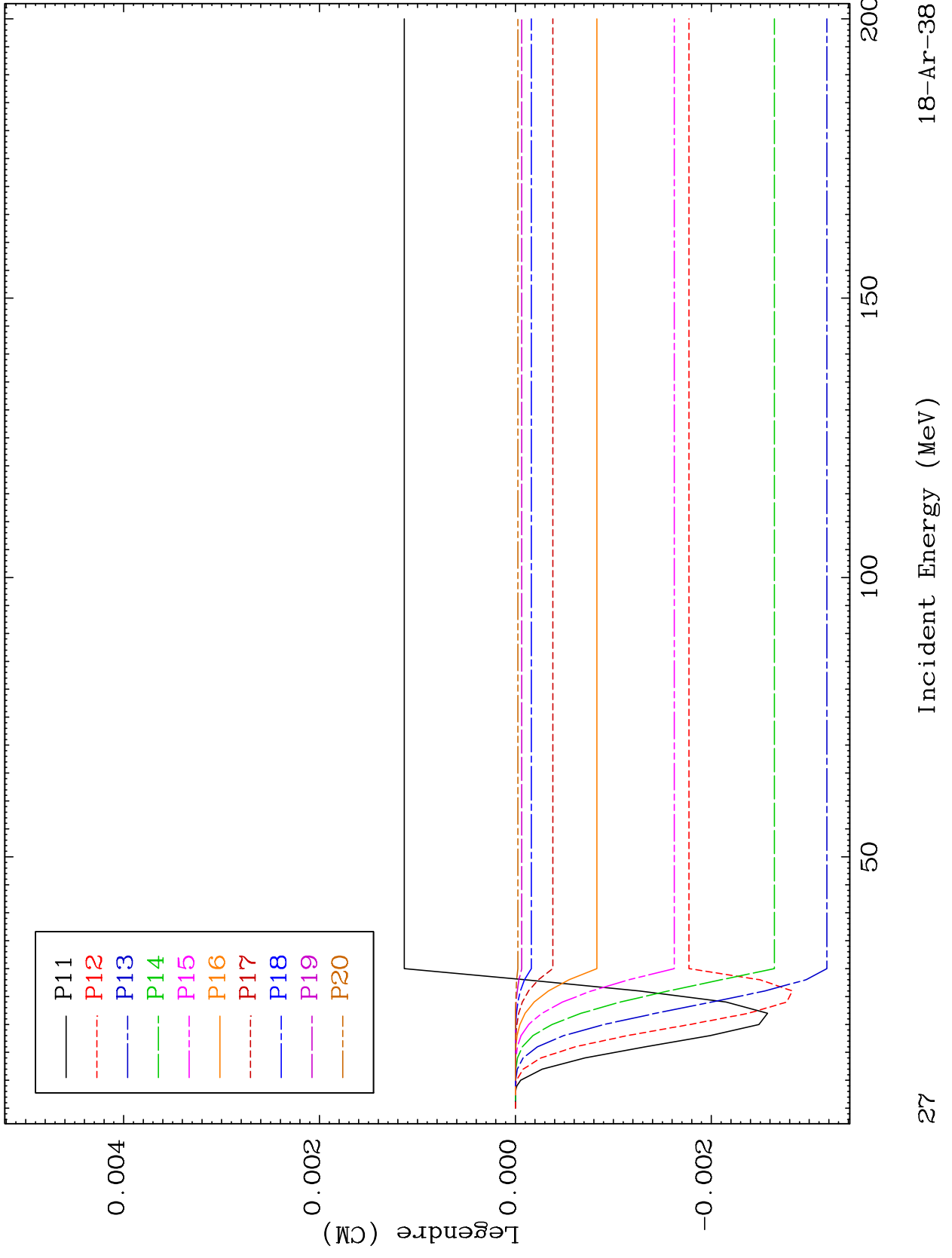
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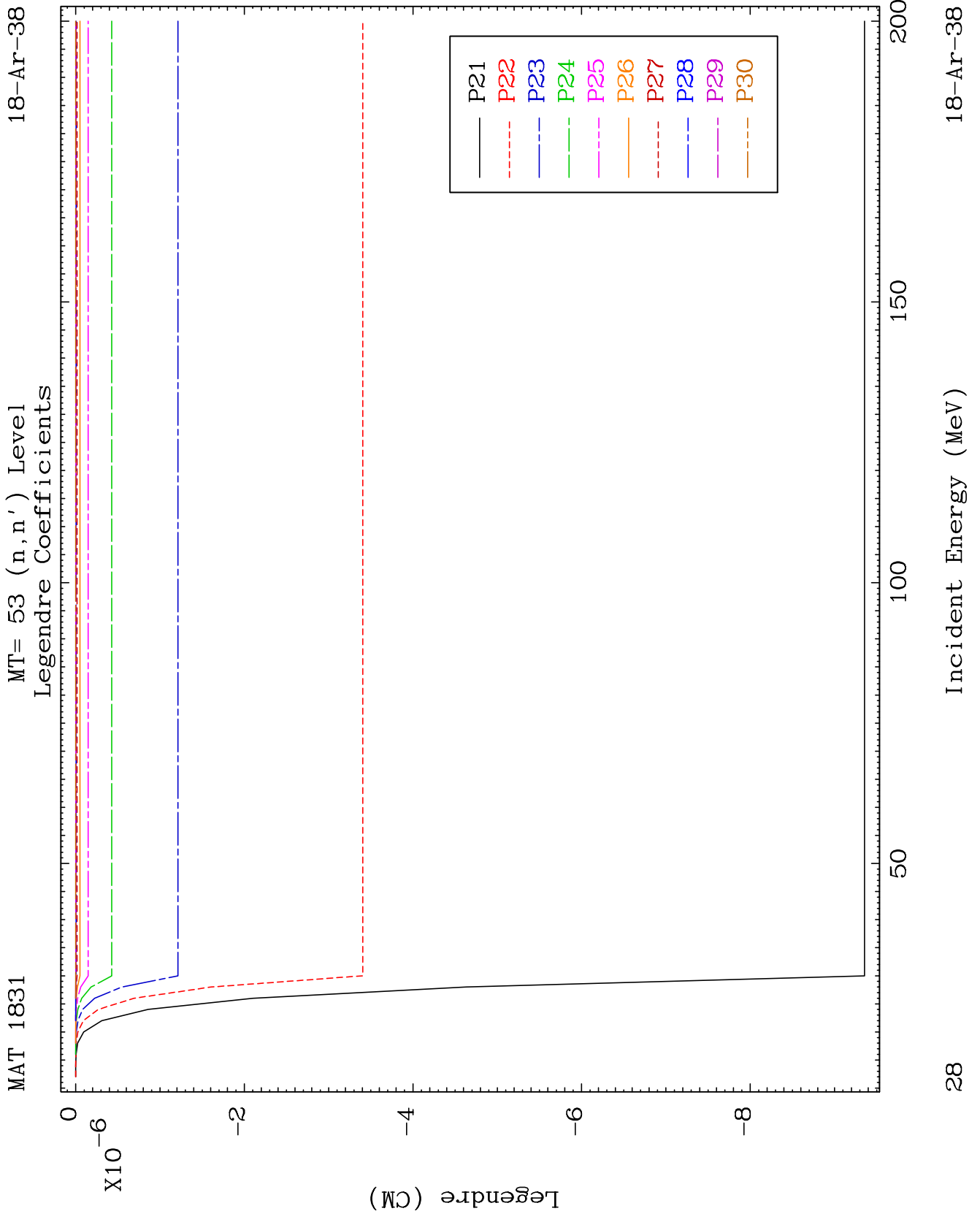
Incident Energy (MeV)

18-Ar-38





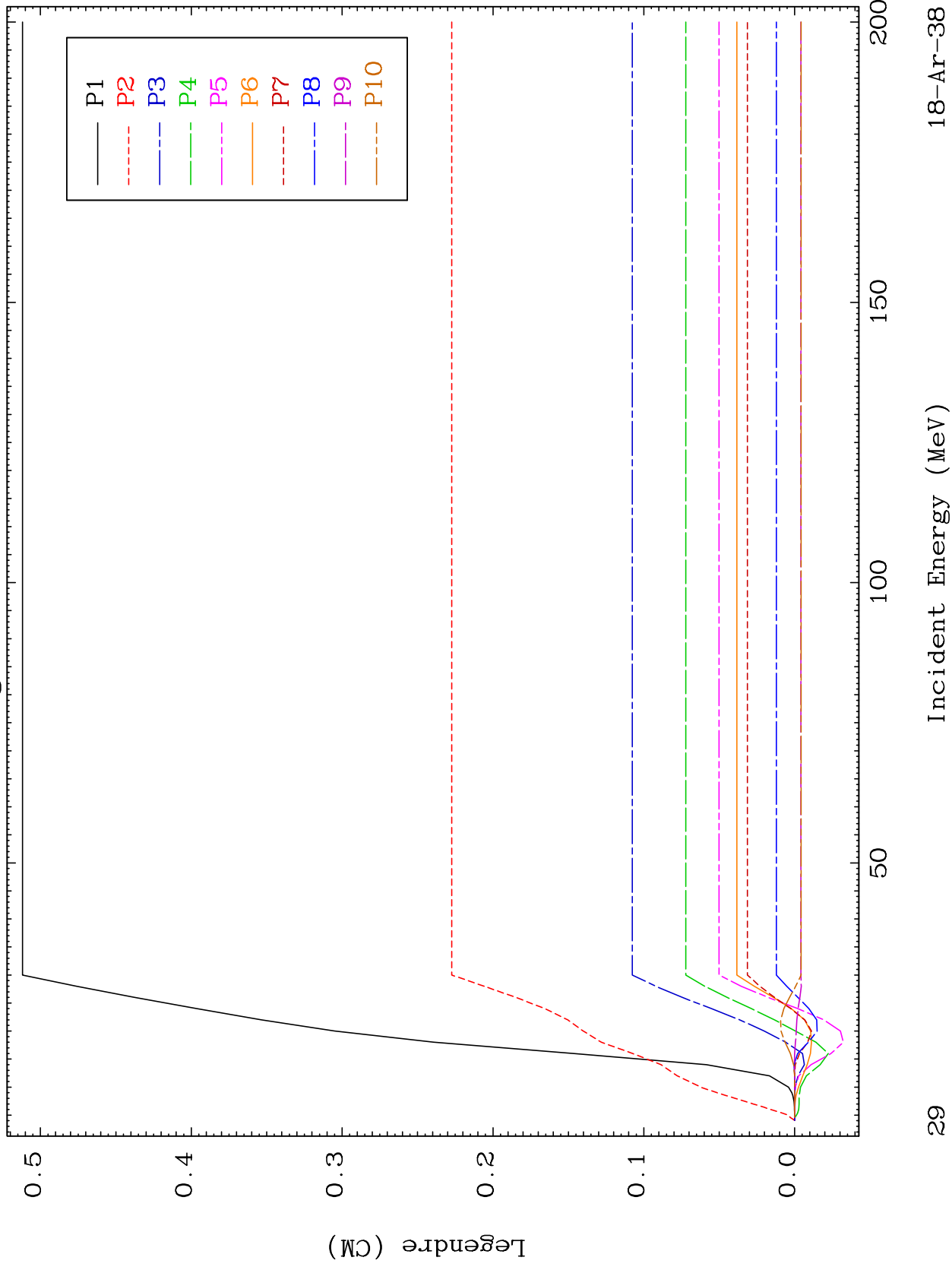




MAT 1831

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

18-Ar-38



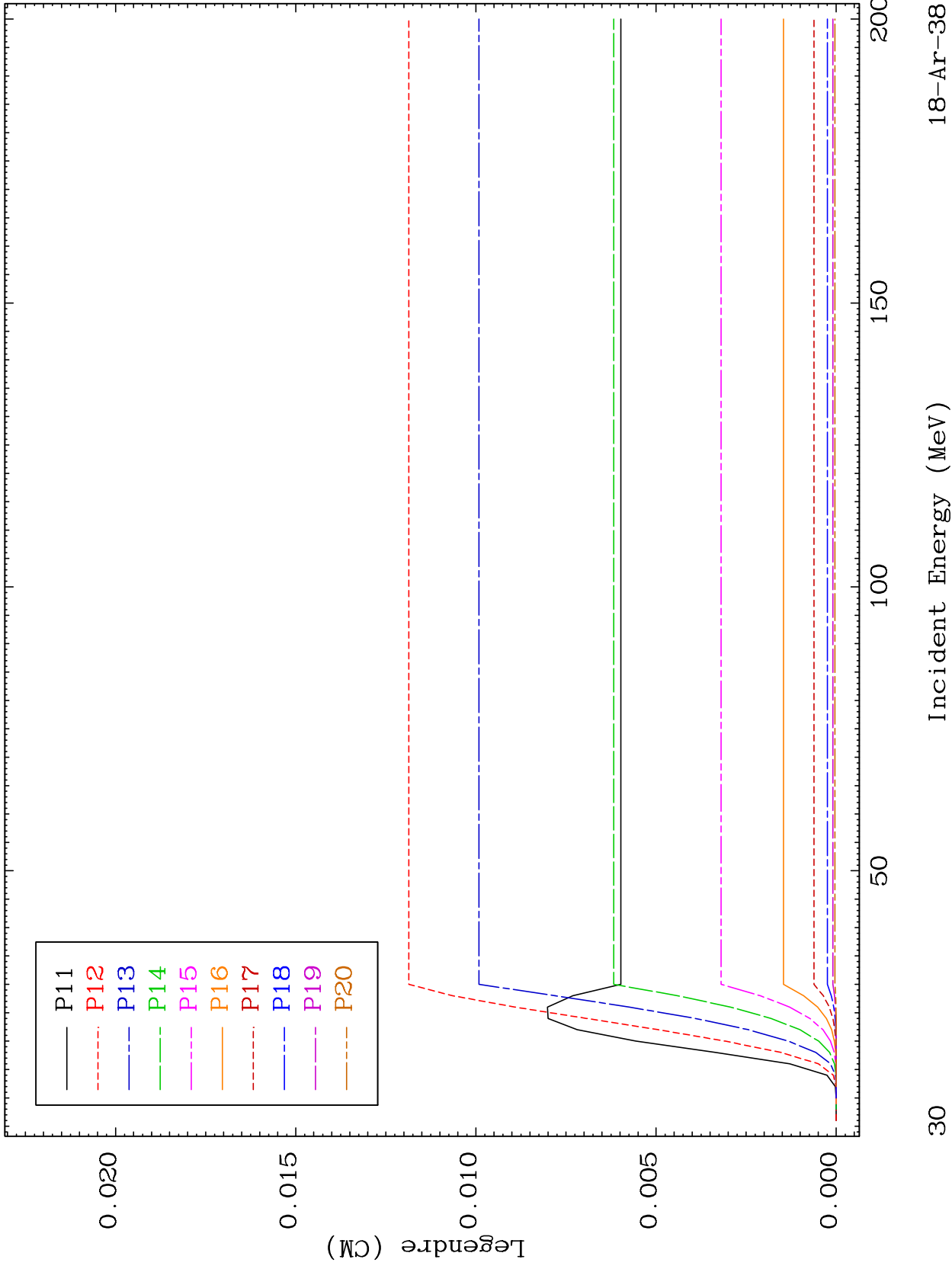
29

18-Ar-38

MAT 1831

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

18-Ar-38



30

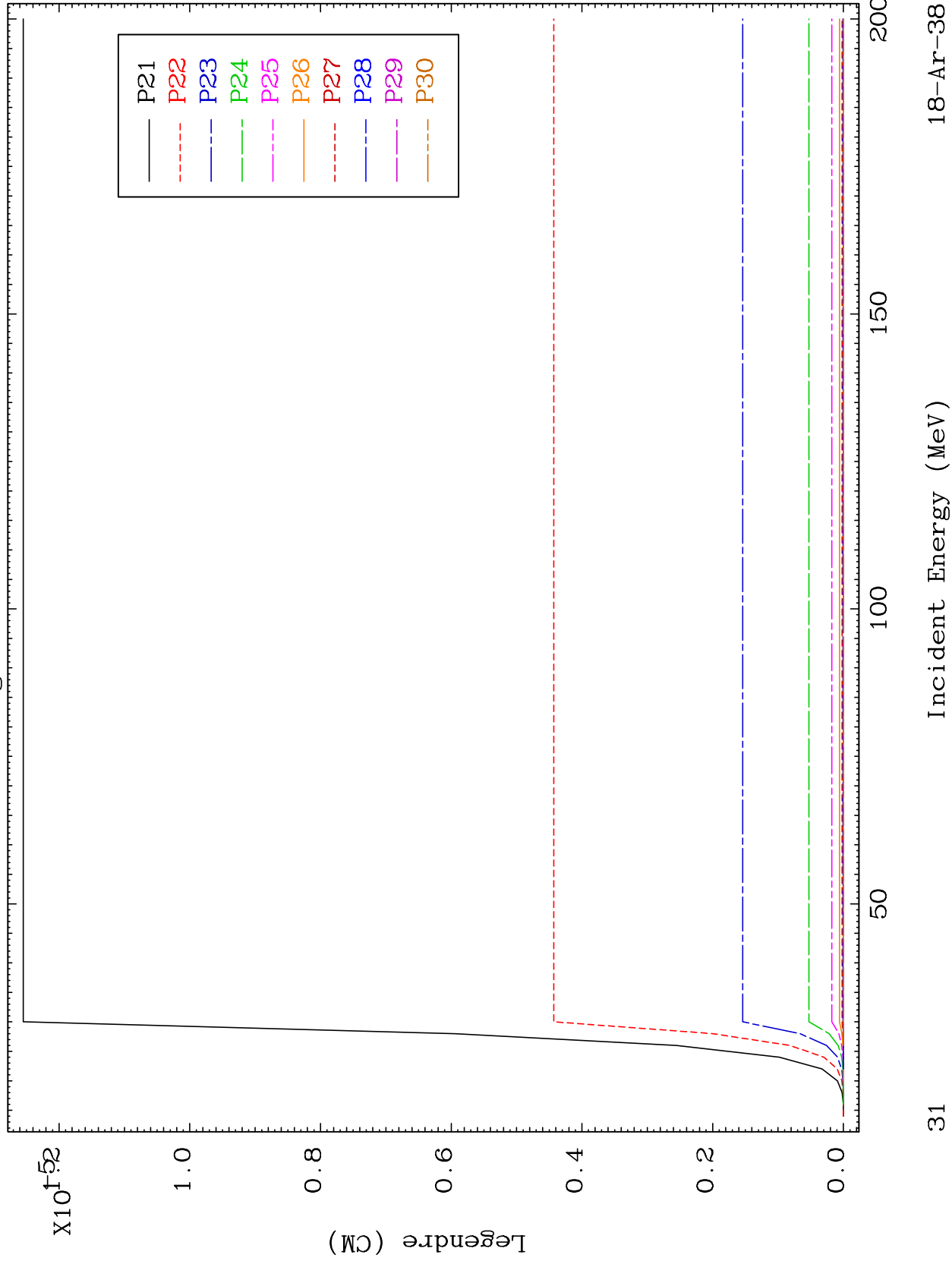
Incident Energy (MeV)

18-Ar-38

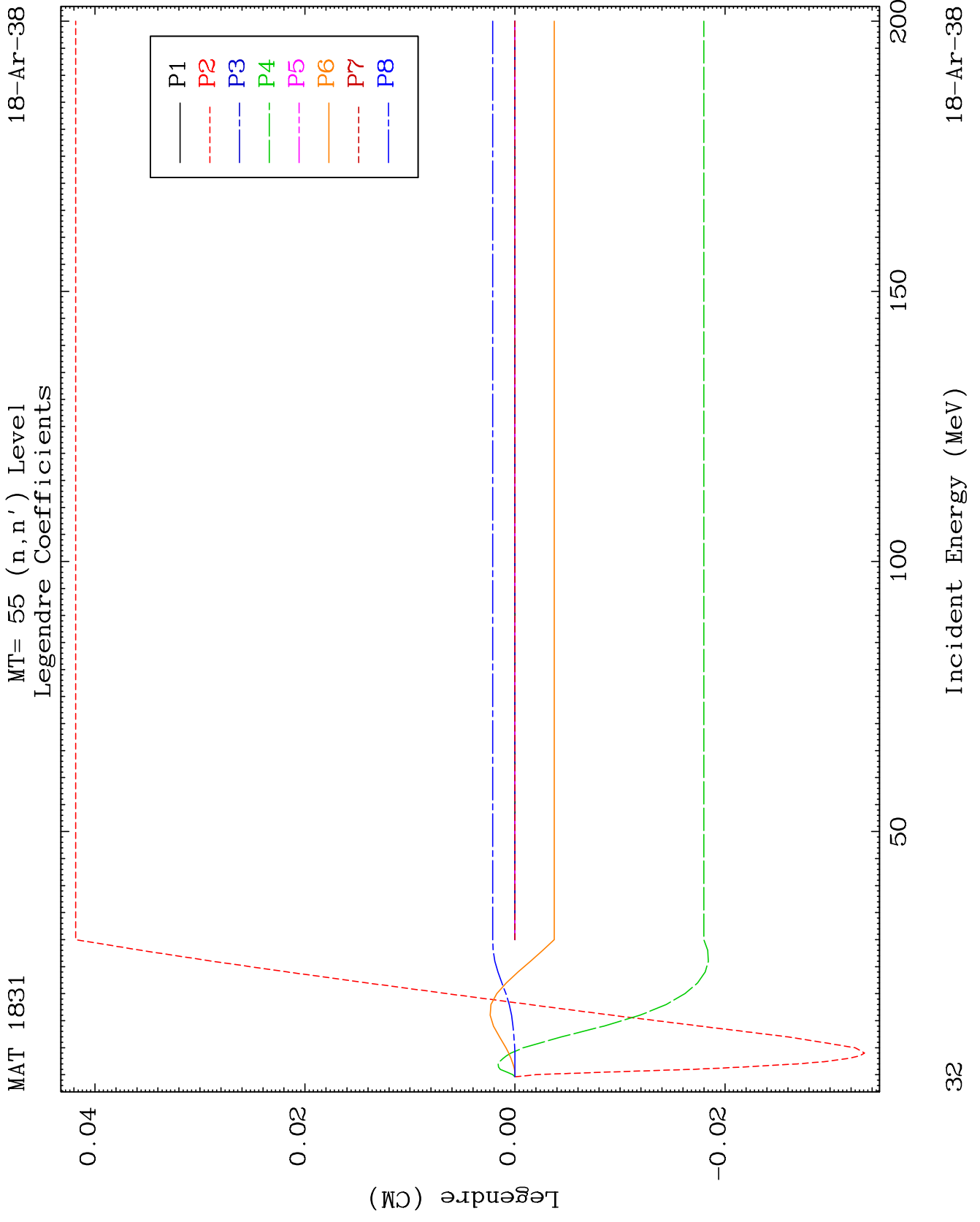
MAT 1831

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

18-Ar-38



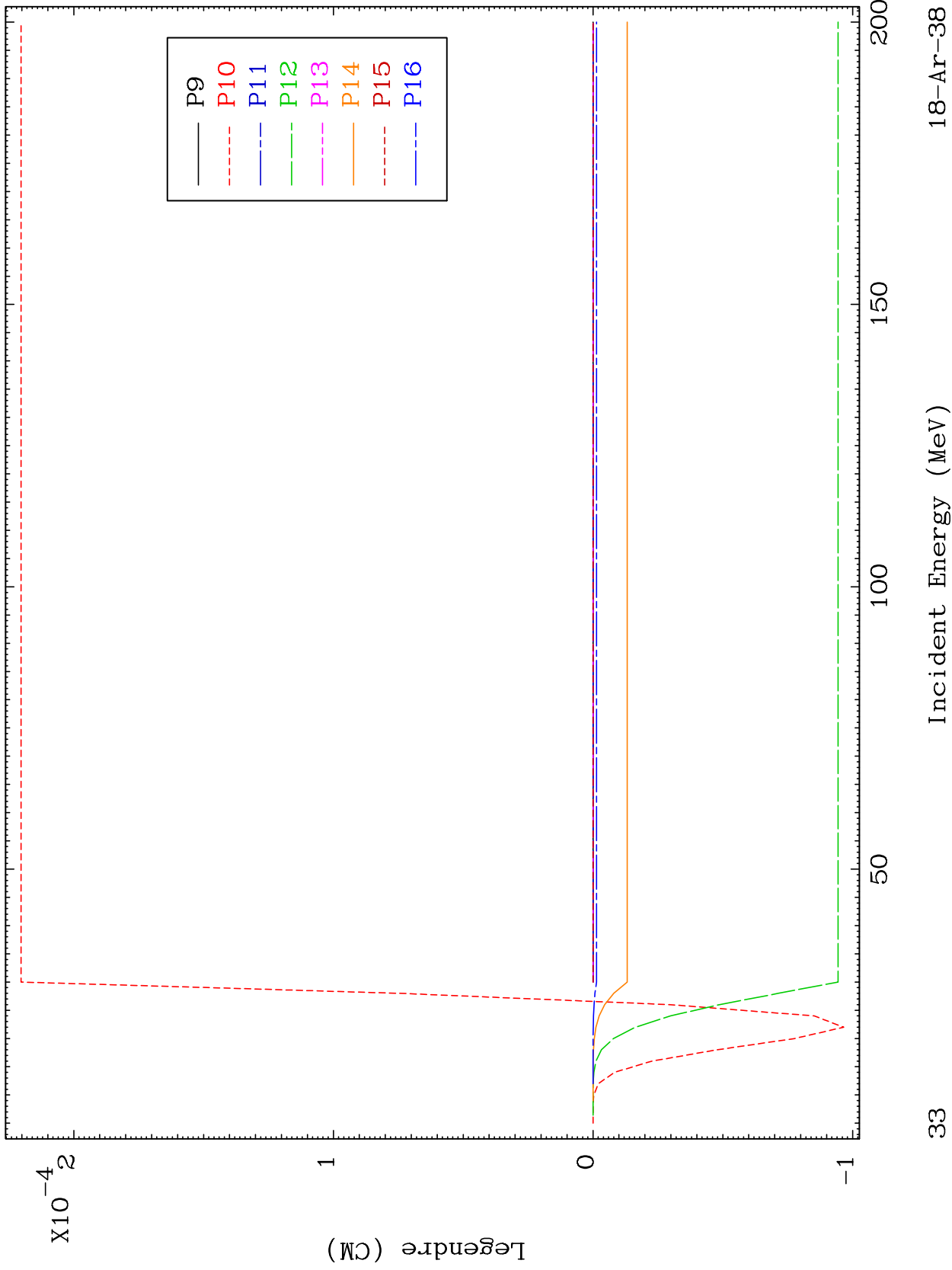
31



MAT 1831

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

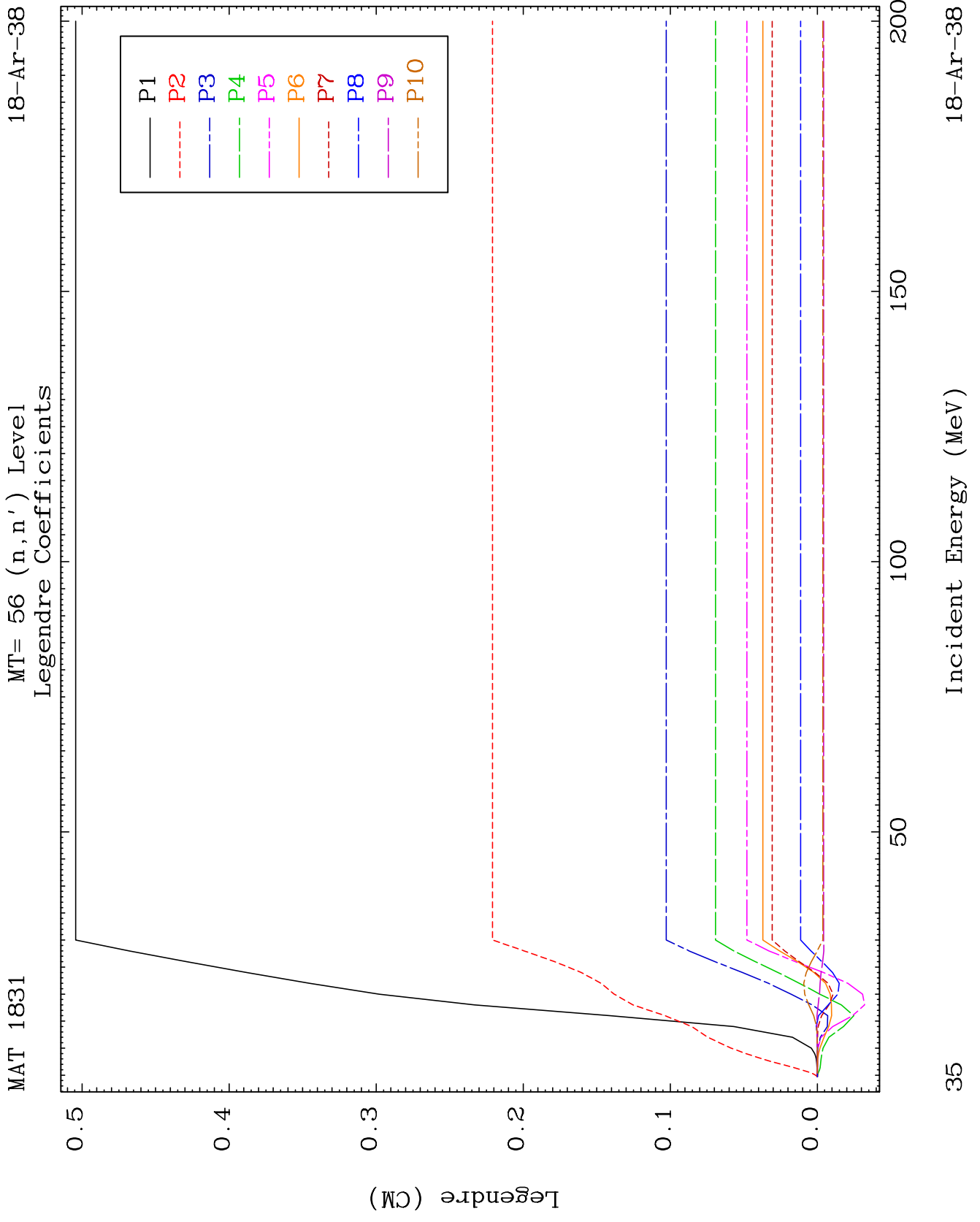
18-Ar-38



33

Incident Energy (MeV)

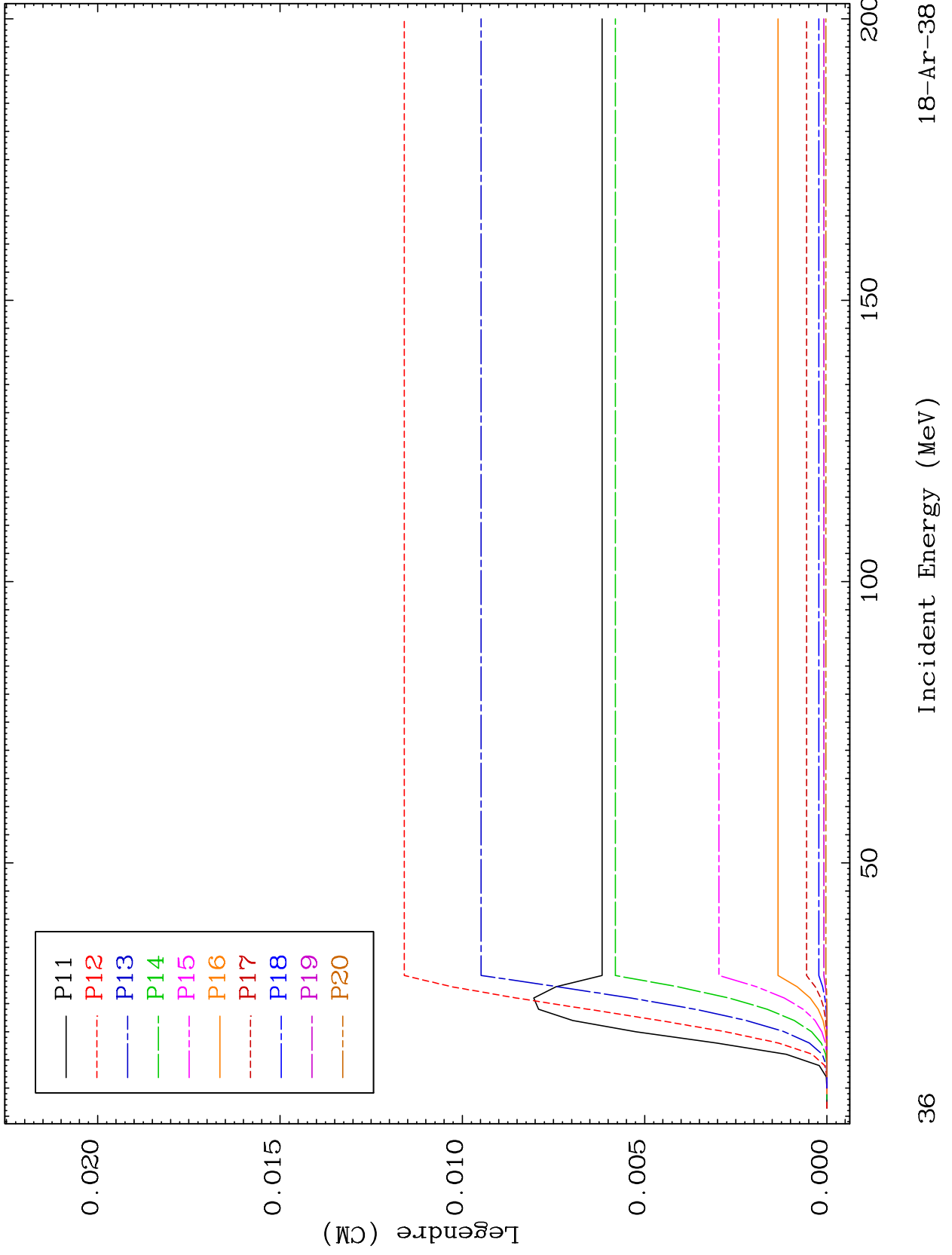
18-Ar-38



MAT 1831

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

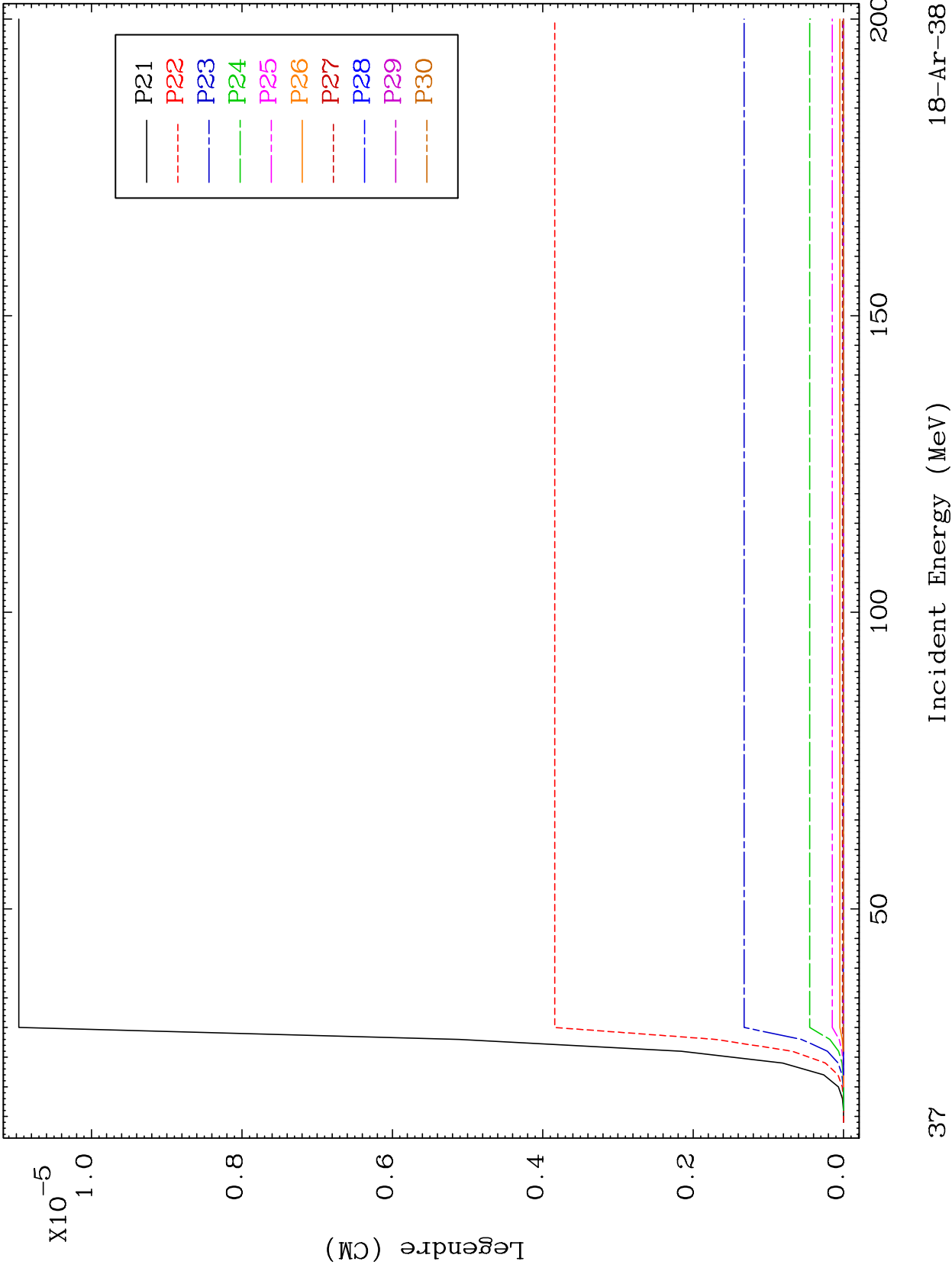
18-Ar-38



MAT 1831

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

18-Ar-38



37

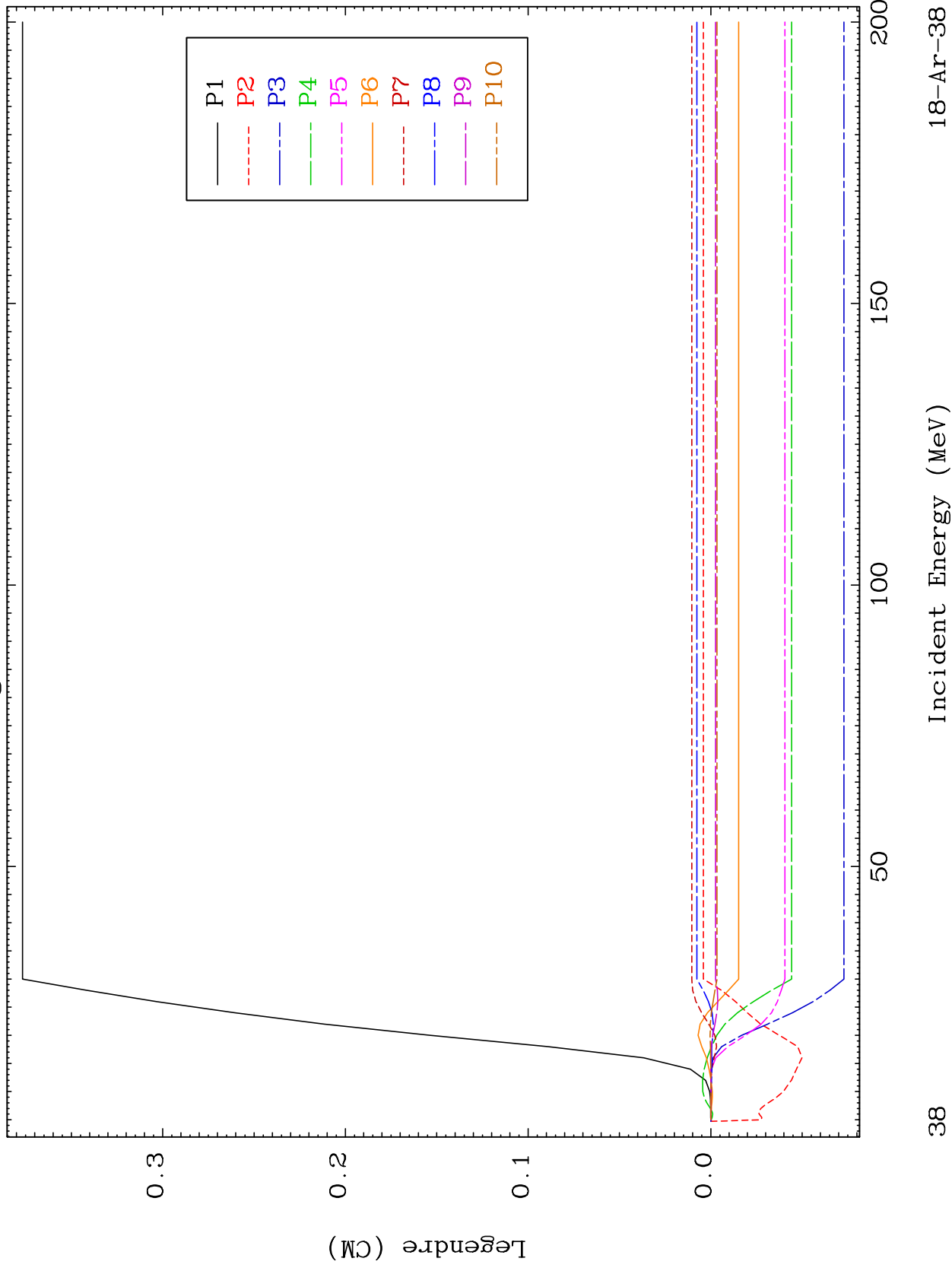
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



38

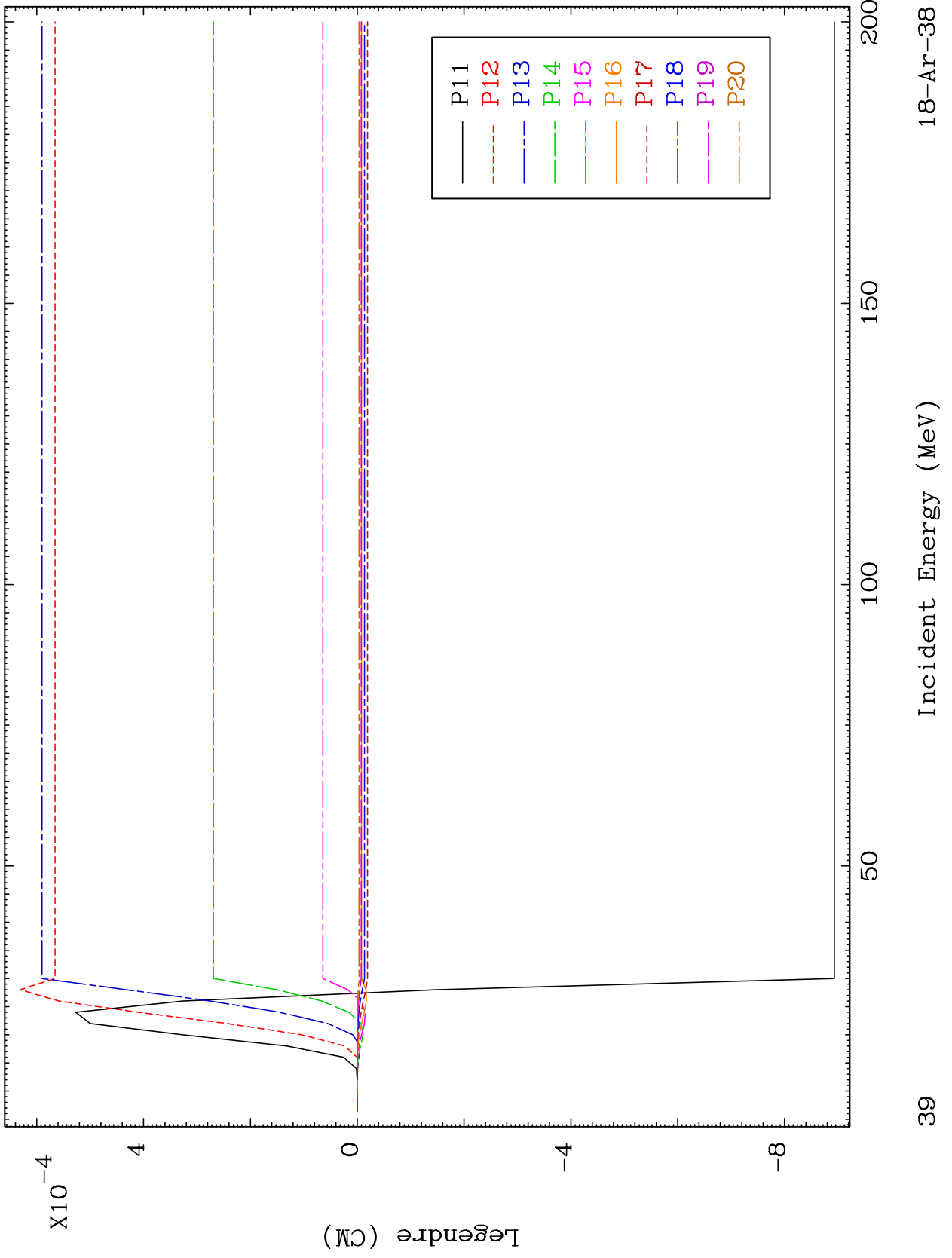
Incident Energy (MeV)

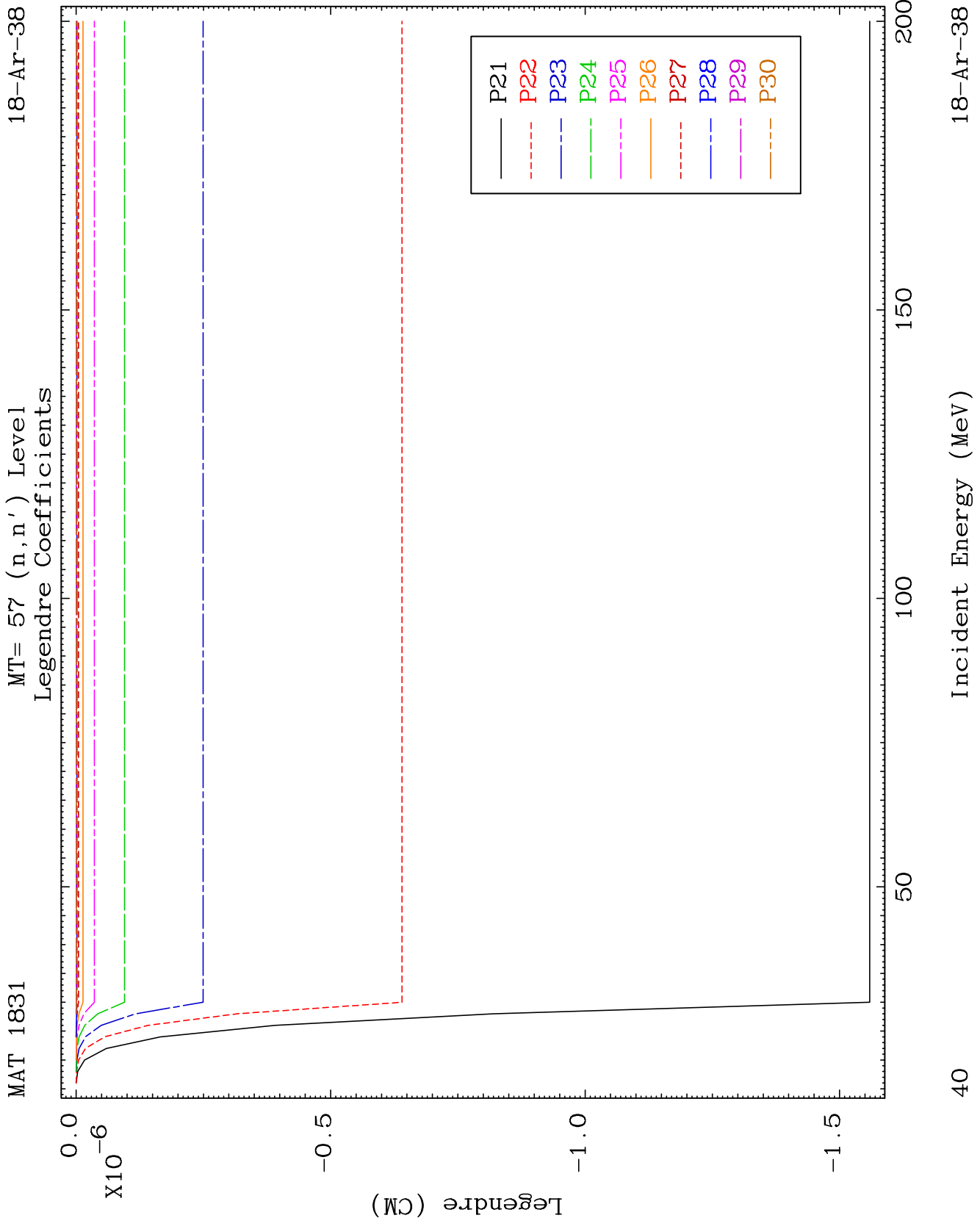
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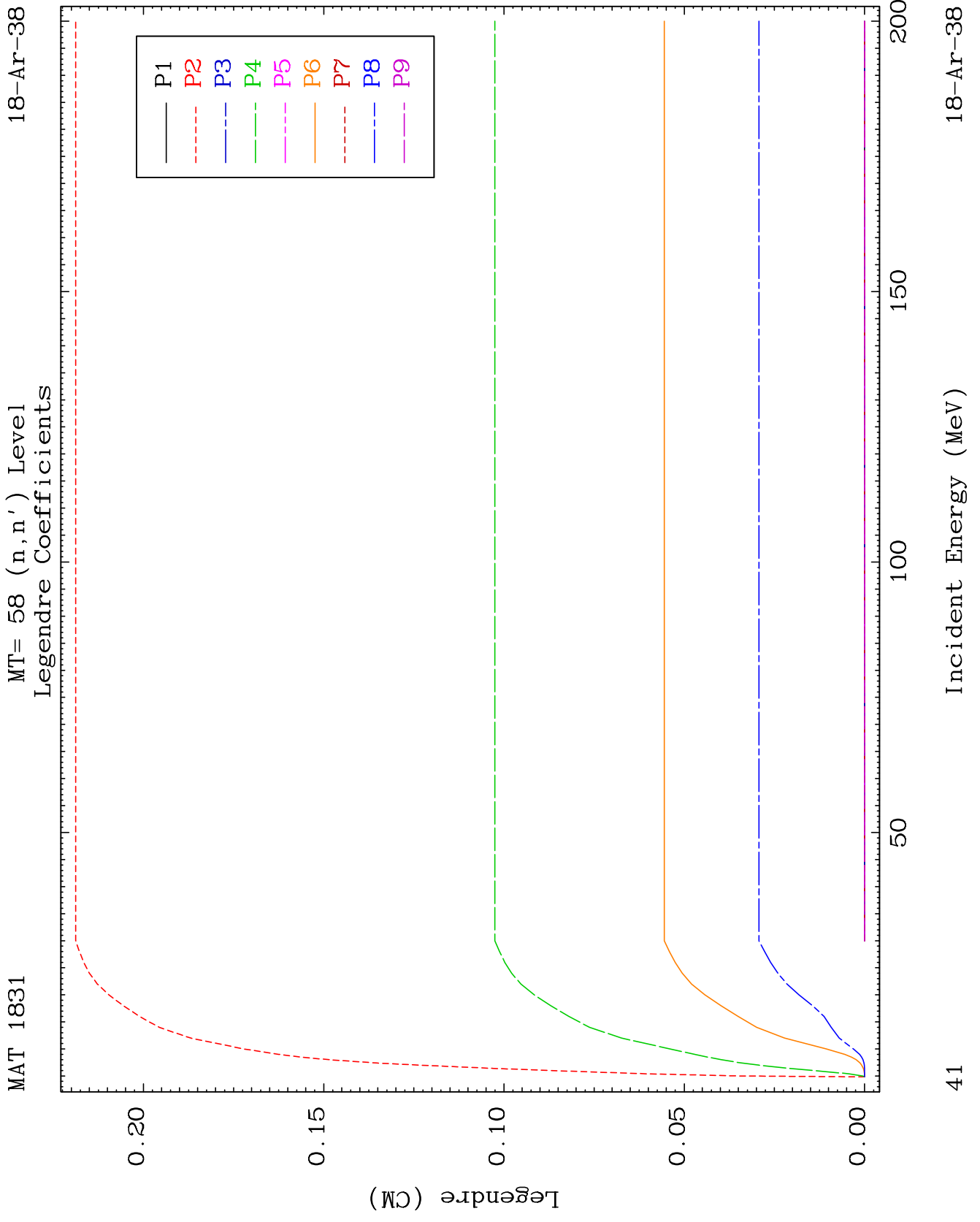
MAT 1831

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

18-Ar-38



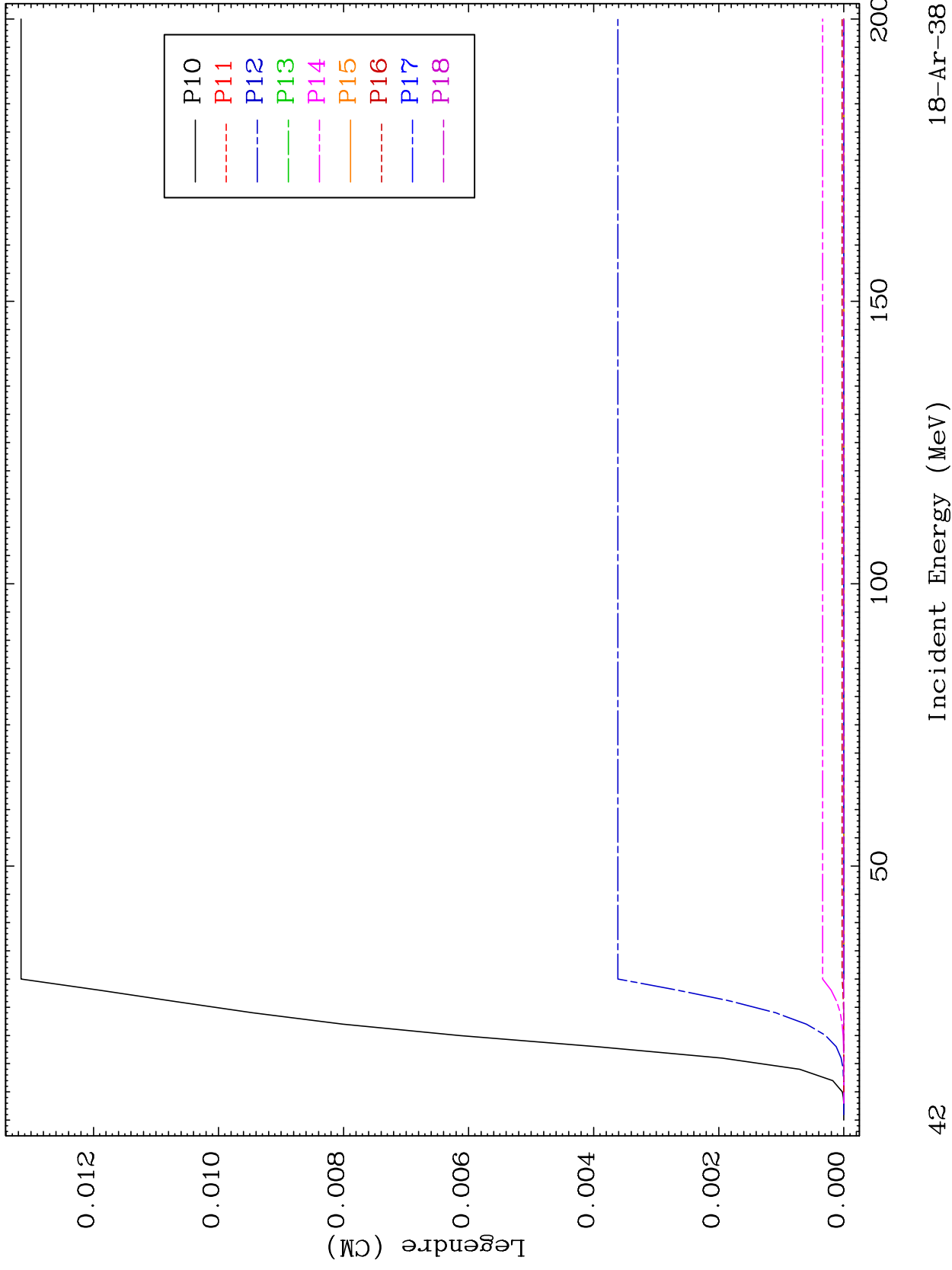




MAT 1831

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

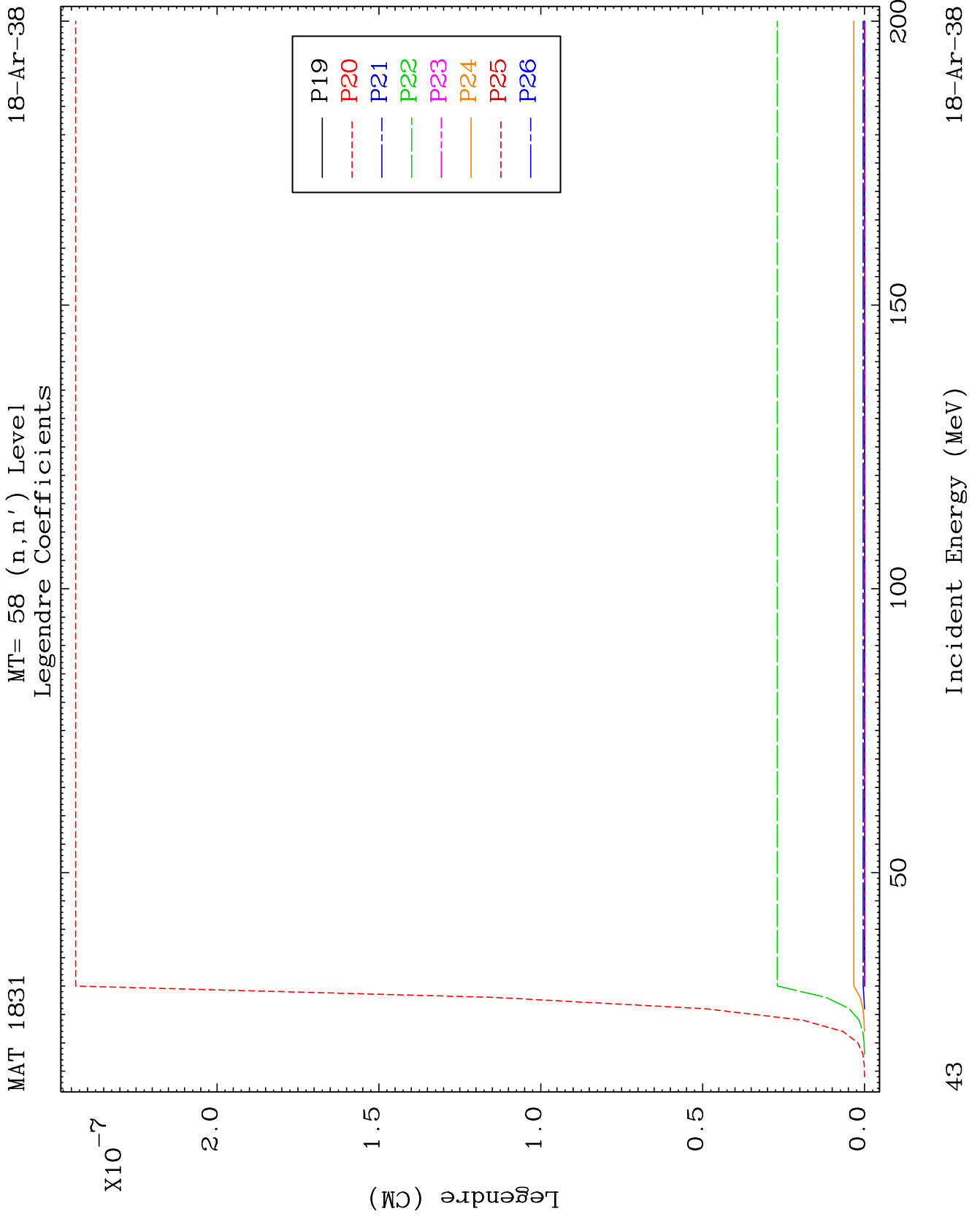
18-Ar-38



42

Incident Energy (MeV)

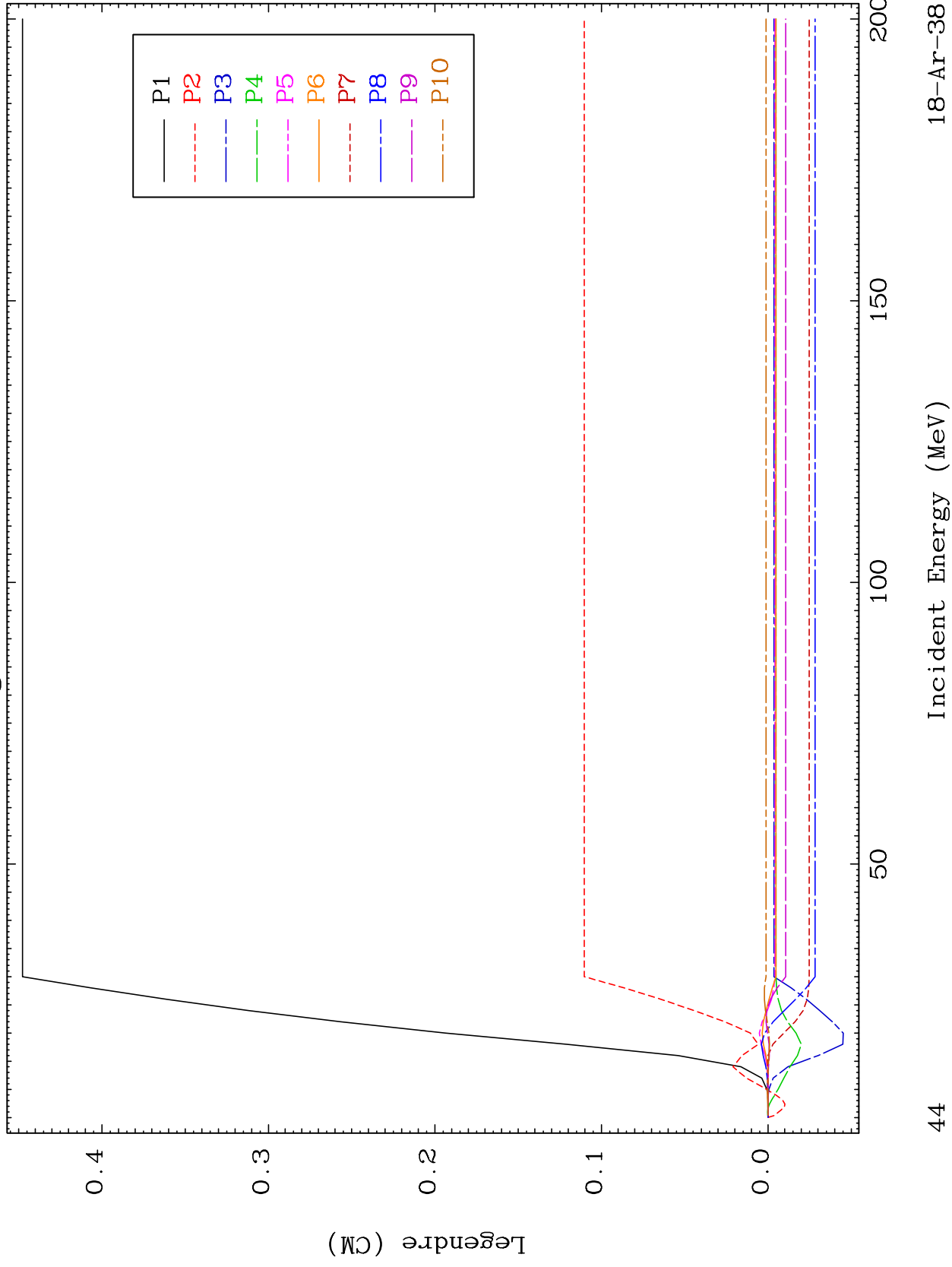
18-Ar-38



MAT 1831

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

18-Ar-38



44

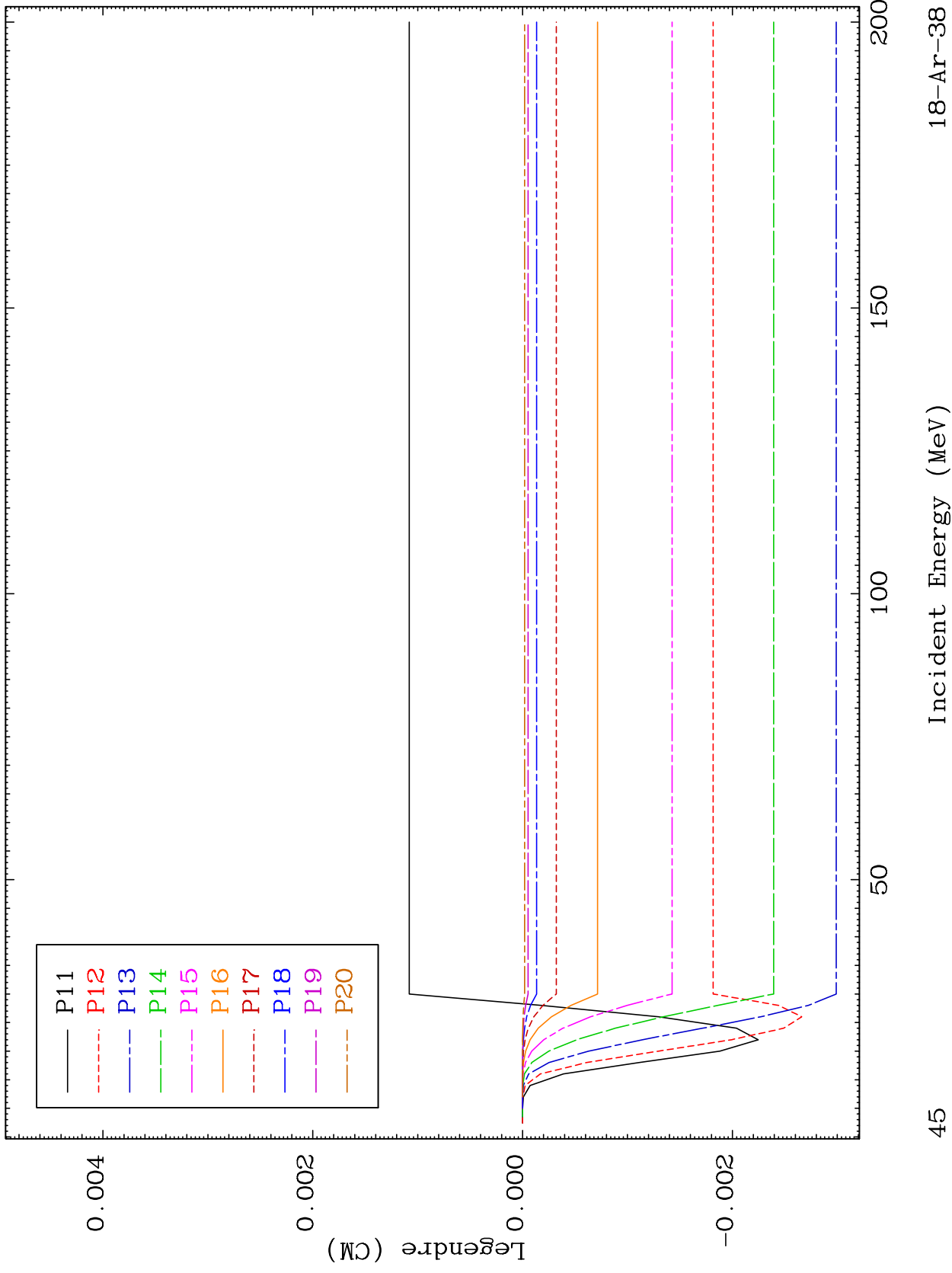
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

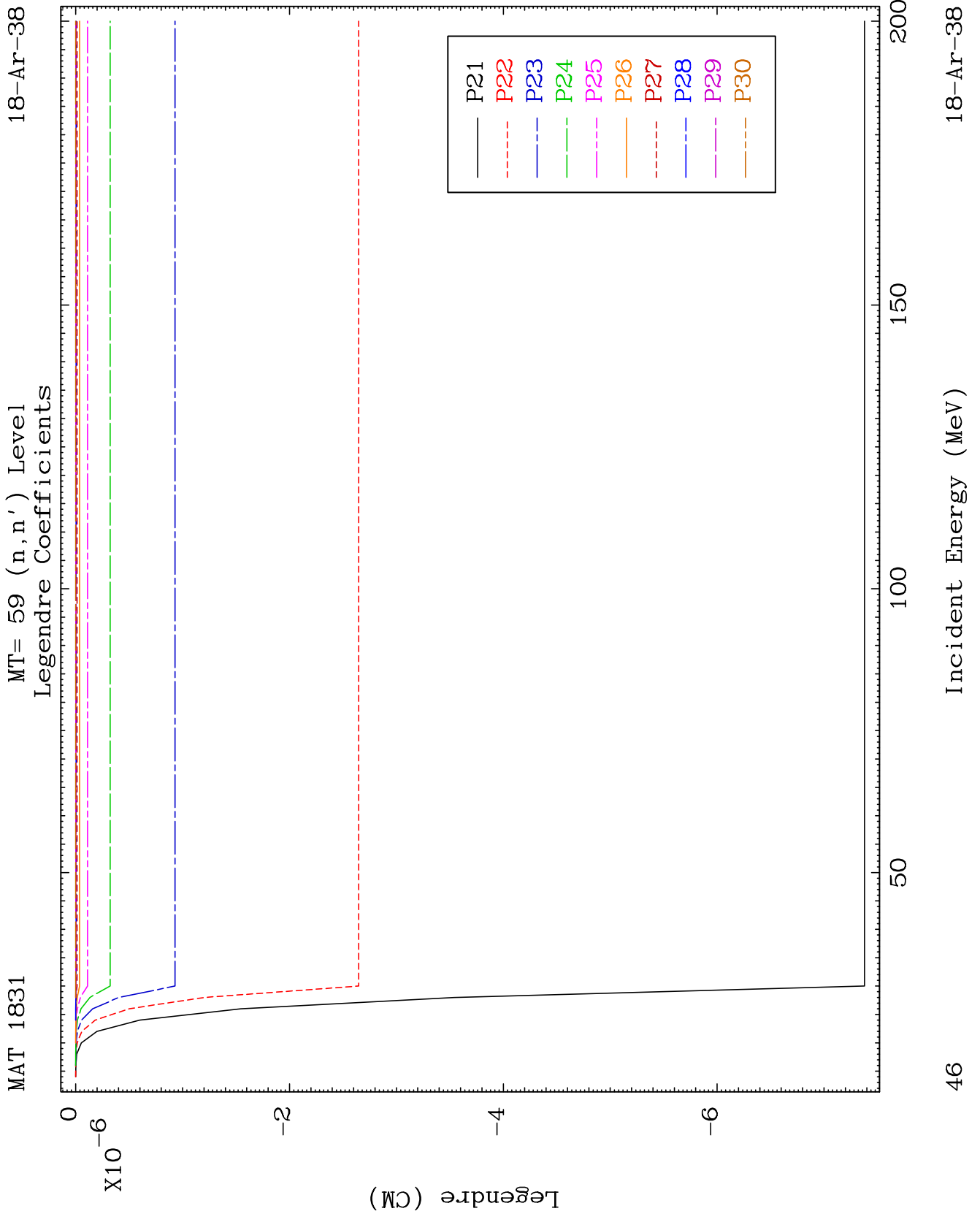
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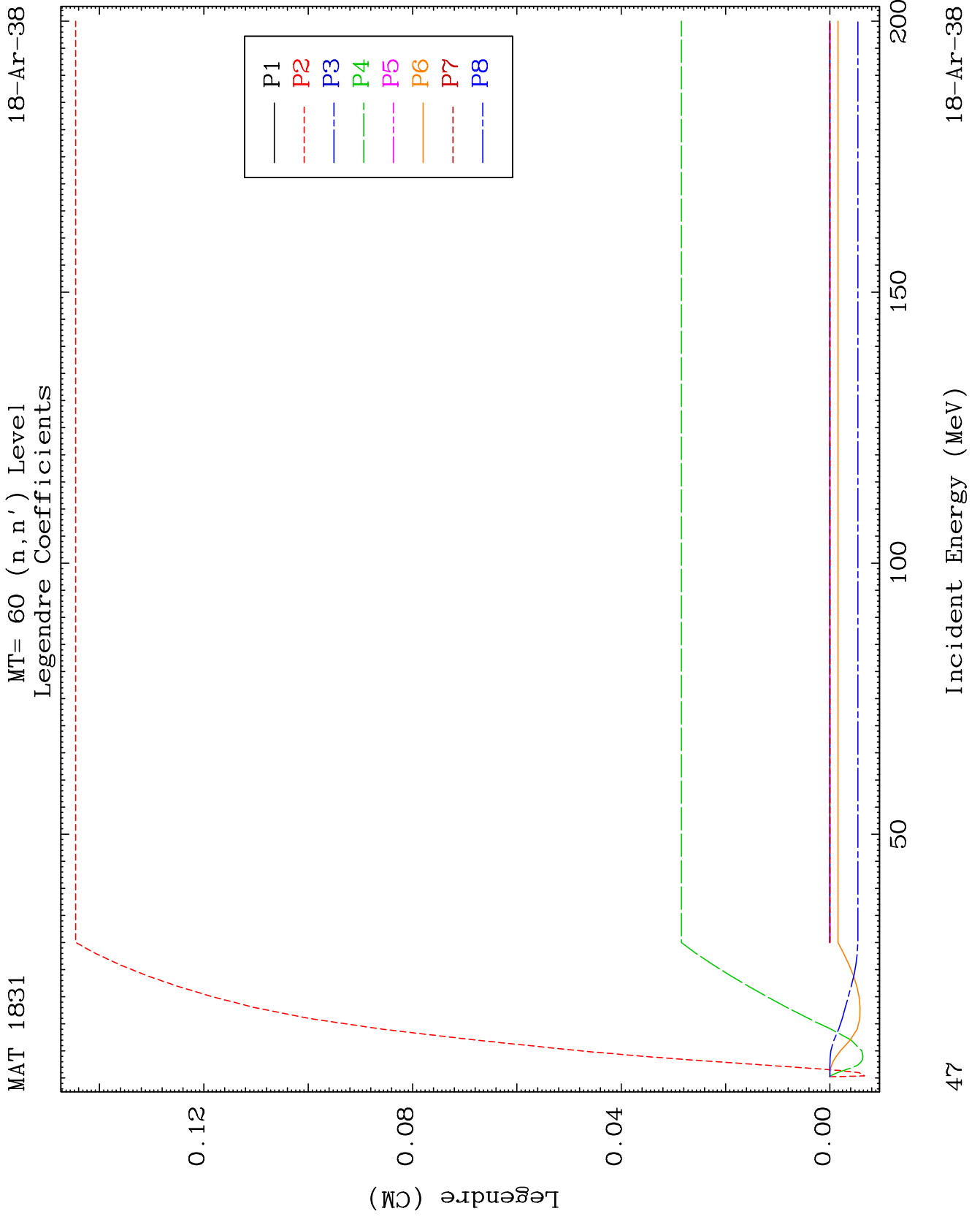


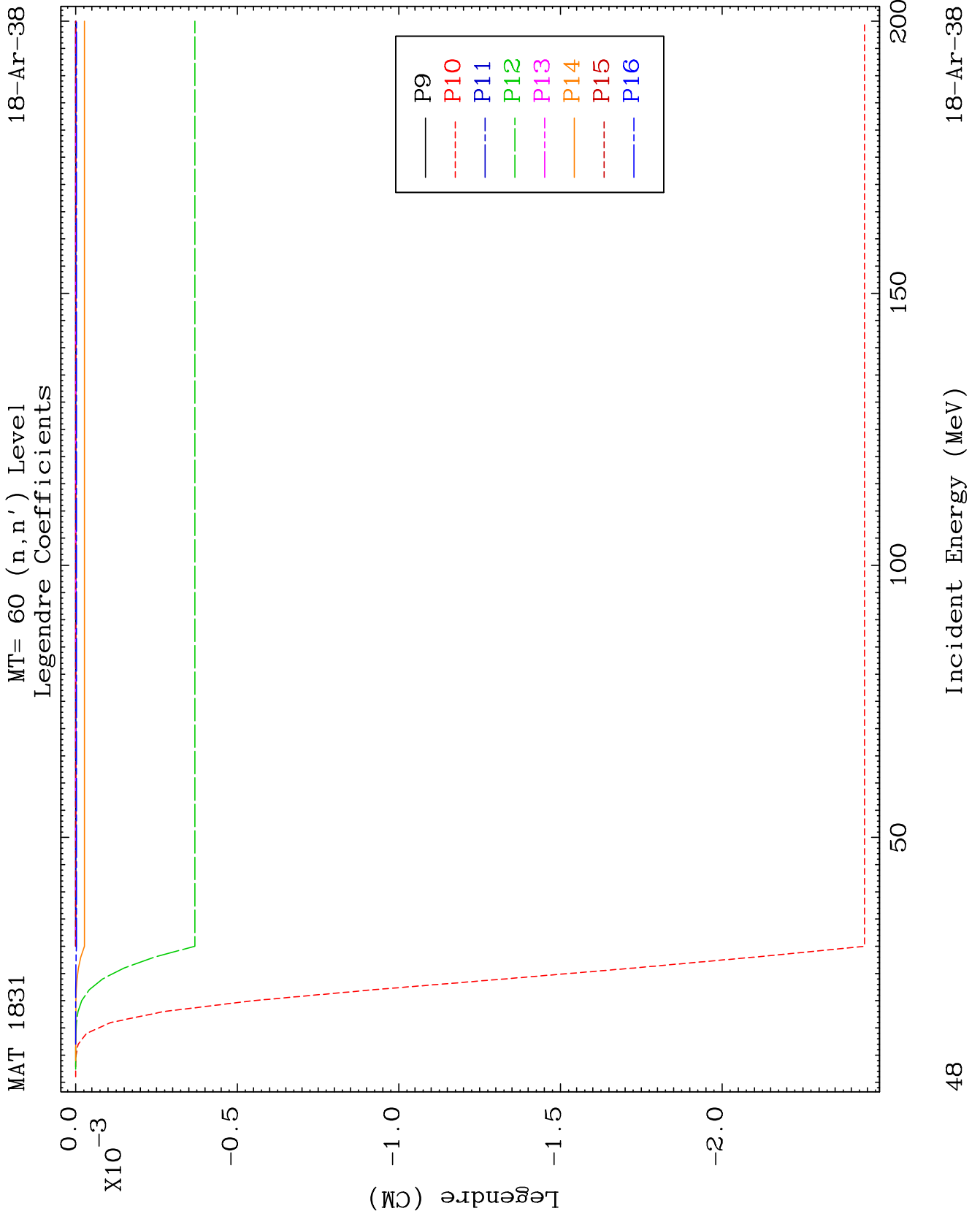
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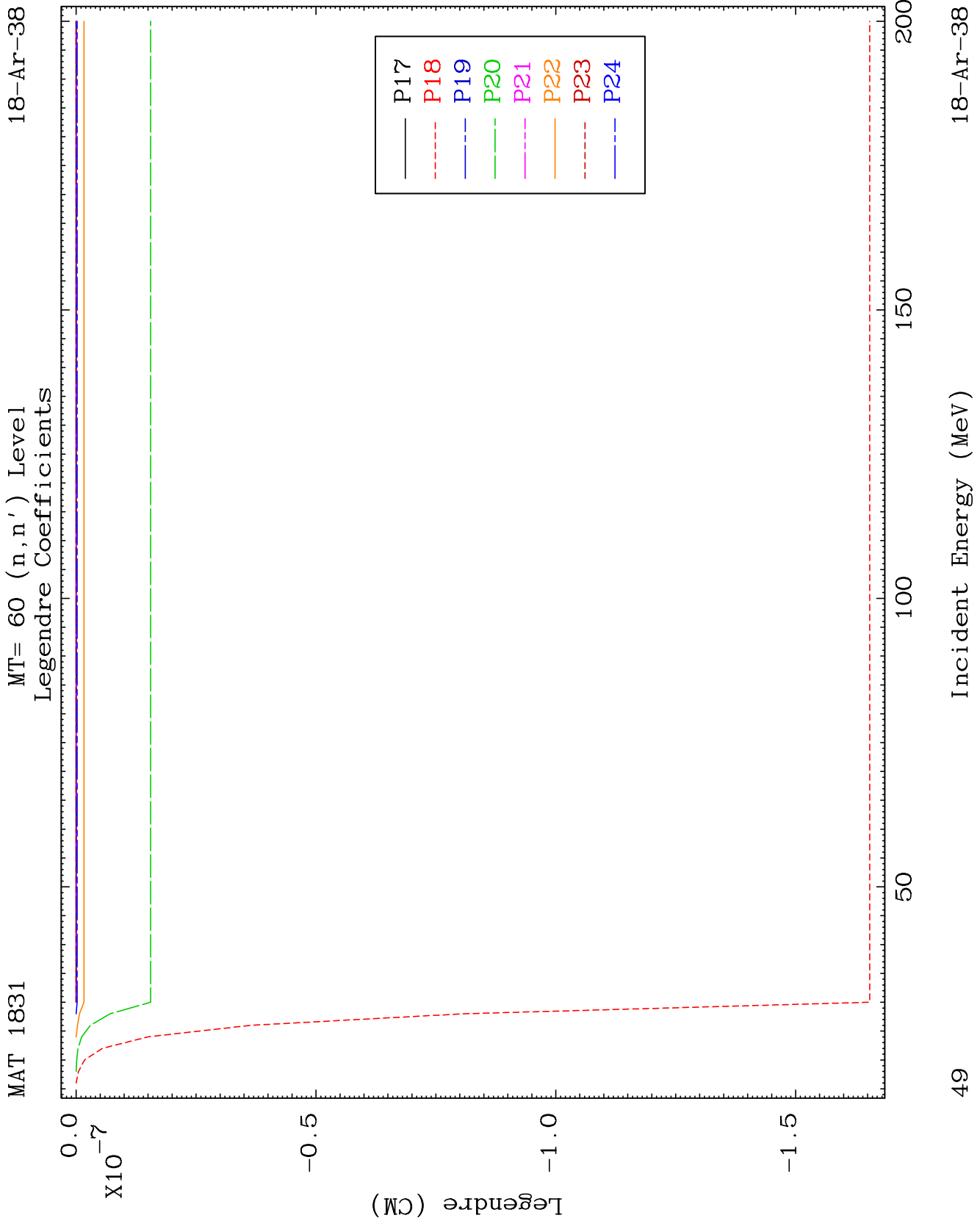
Incident Energy (MeV)

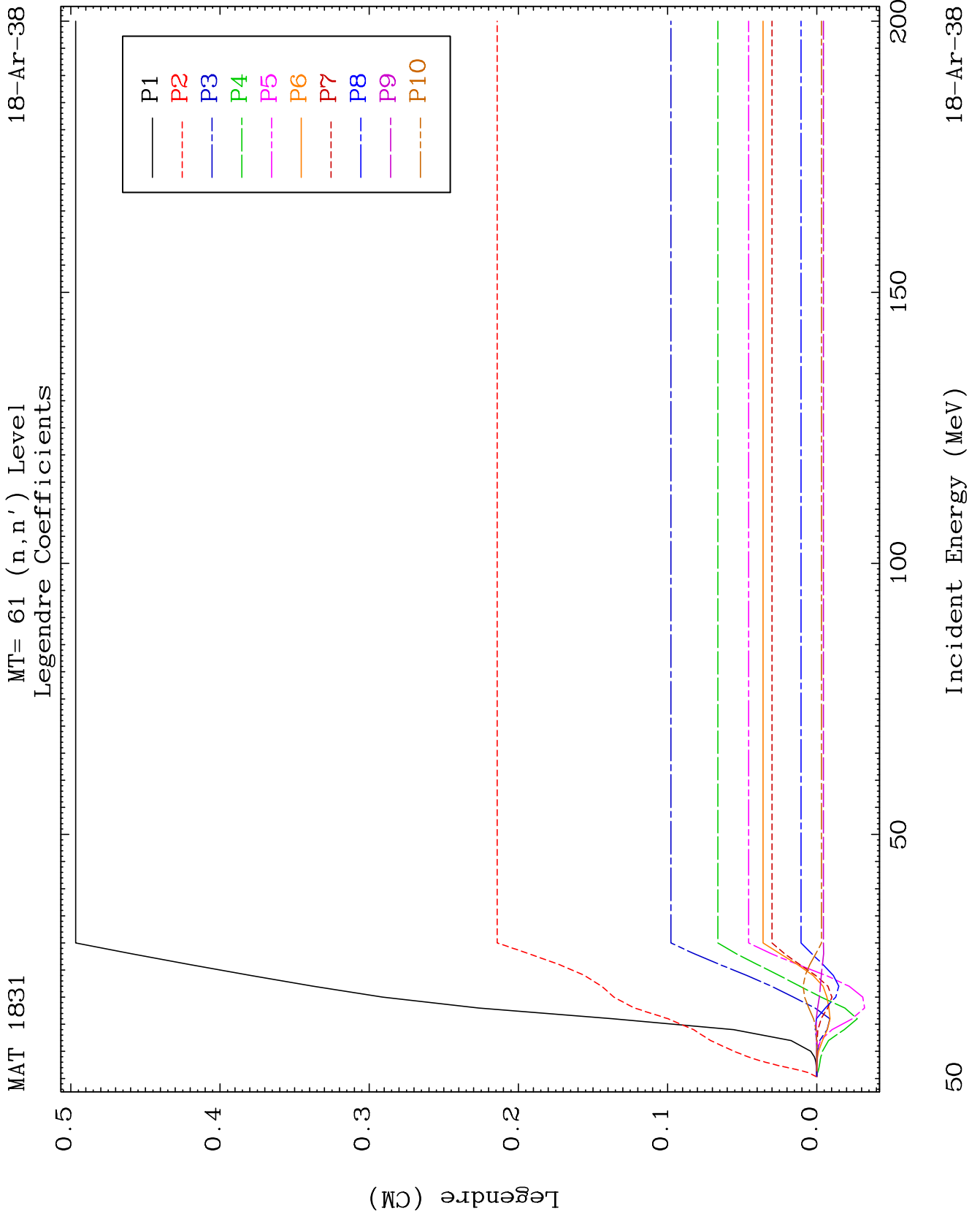
18-Ar-38

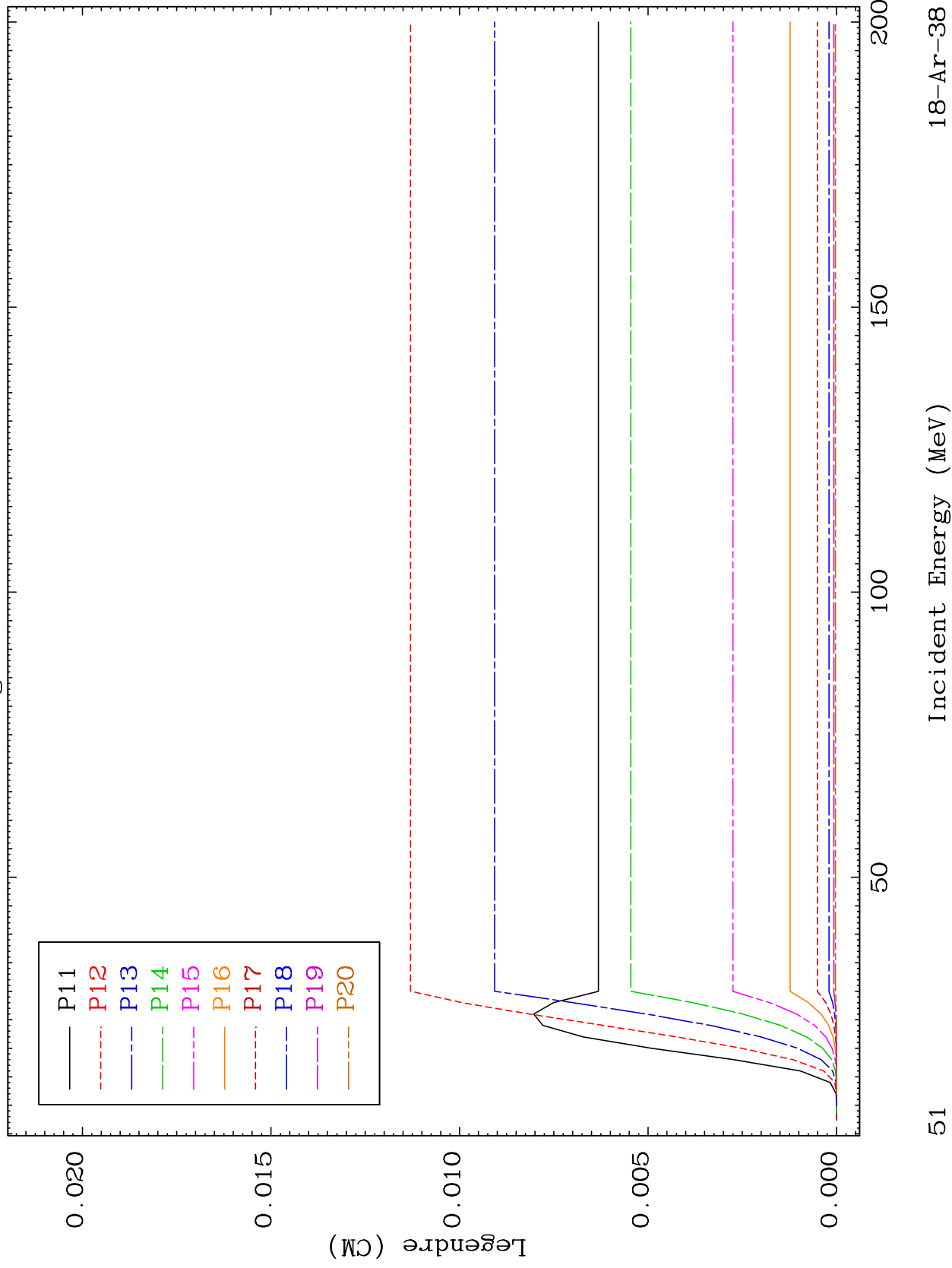








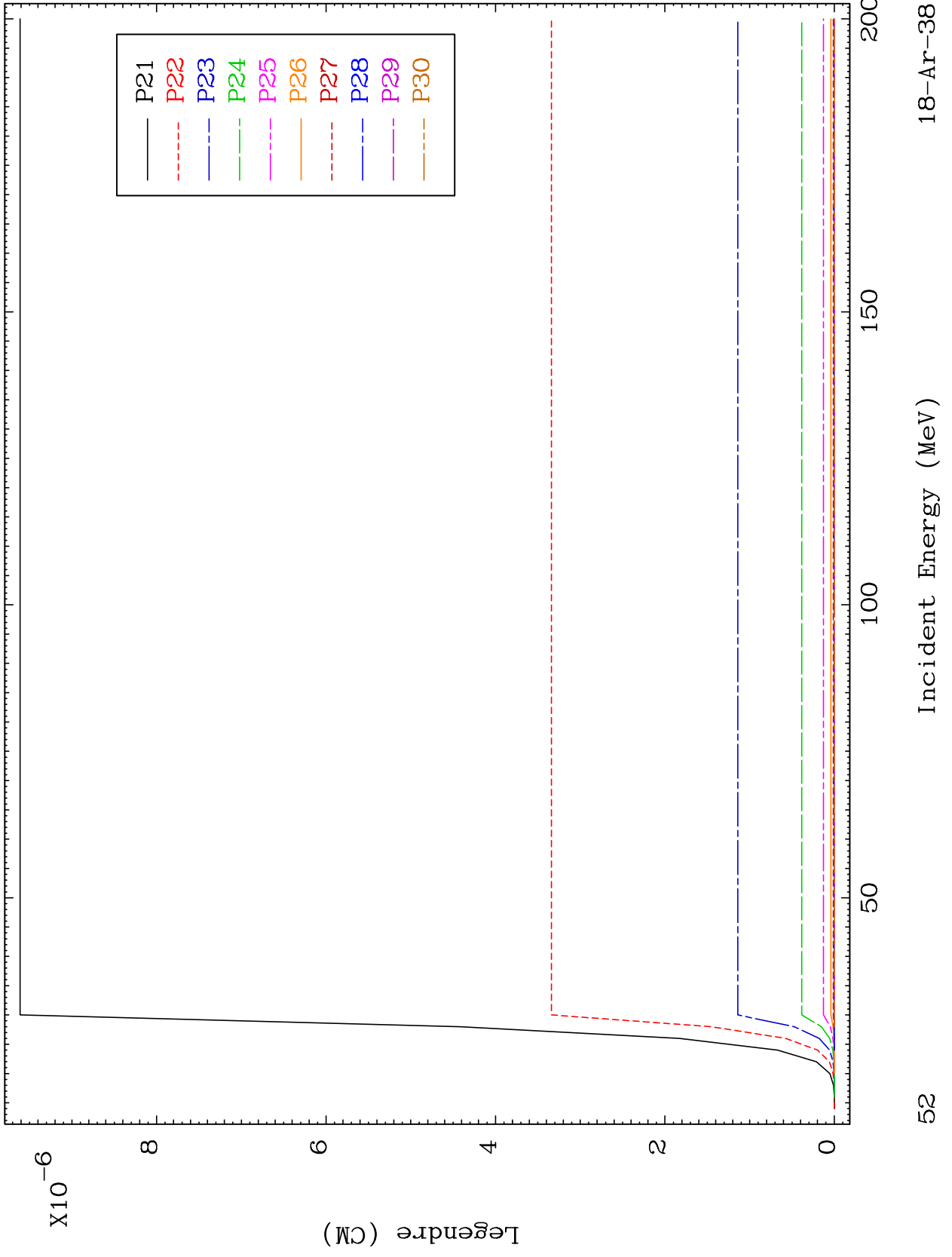




MAT 1831

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

18-Ar-38



52

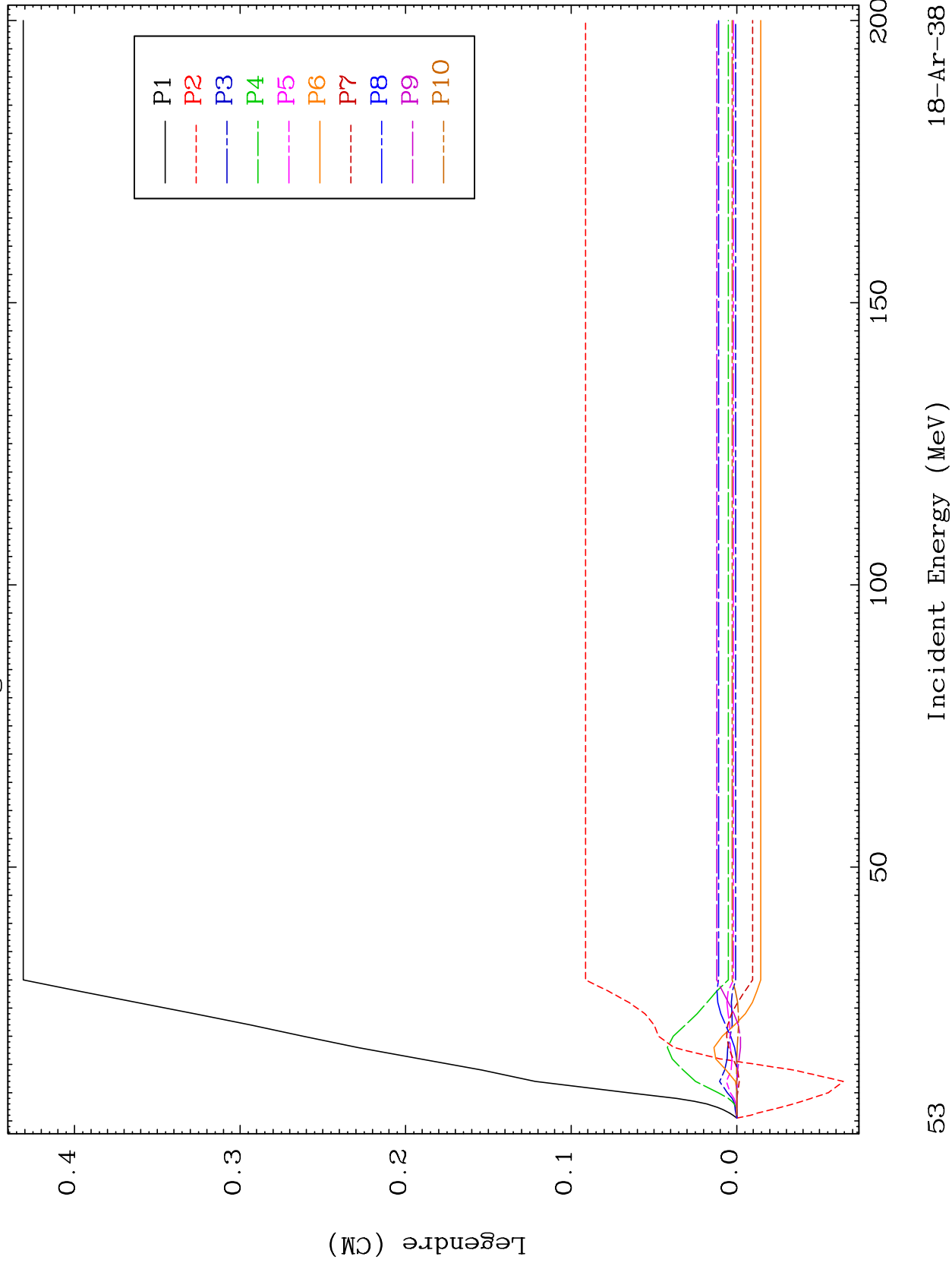
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

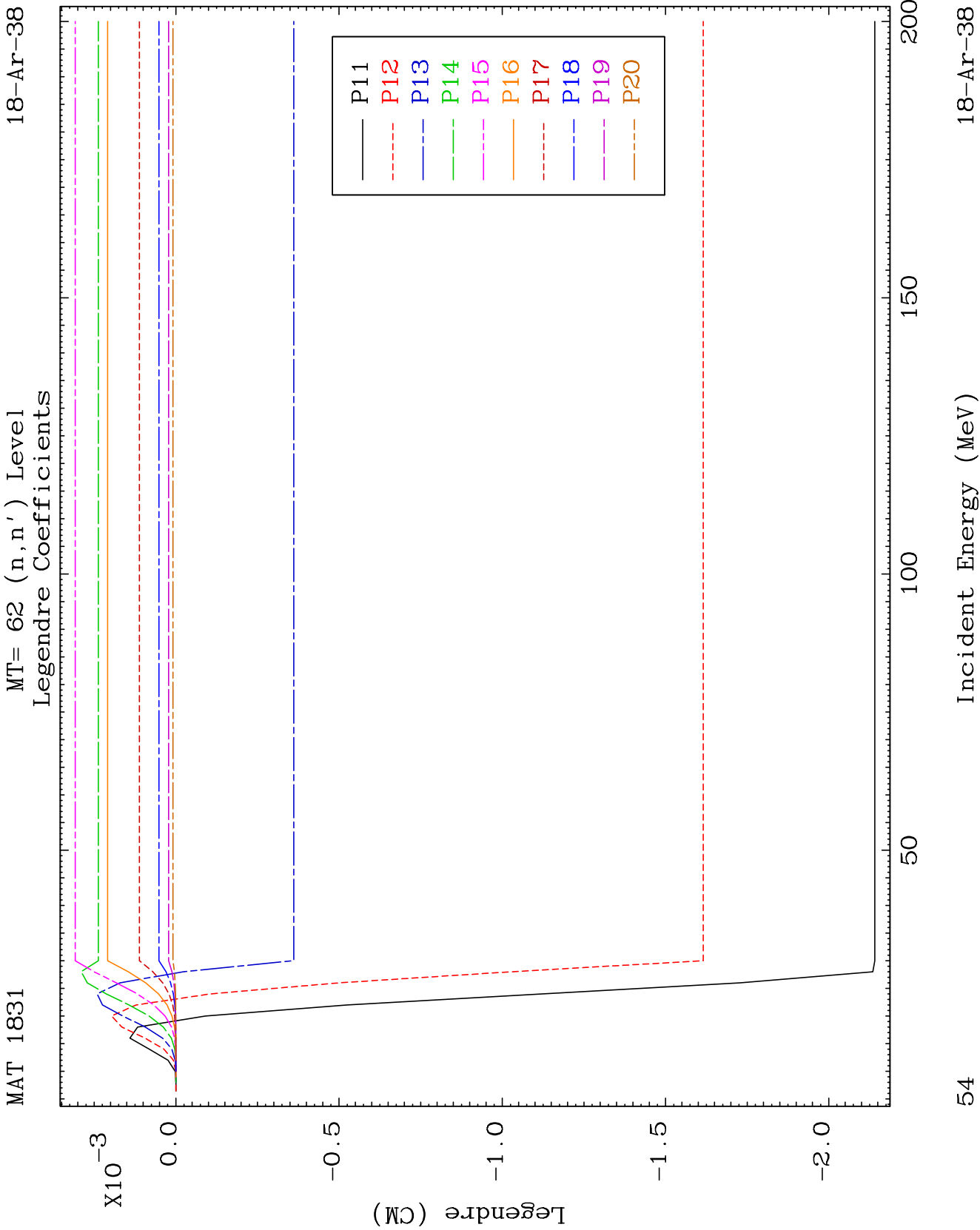
18-Ar-38



53

Incident Energy (MeV)

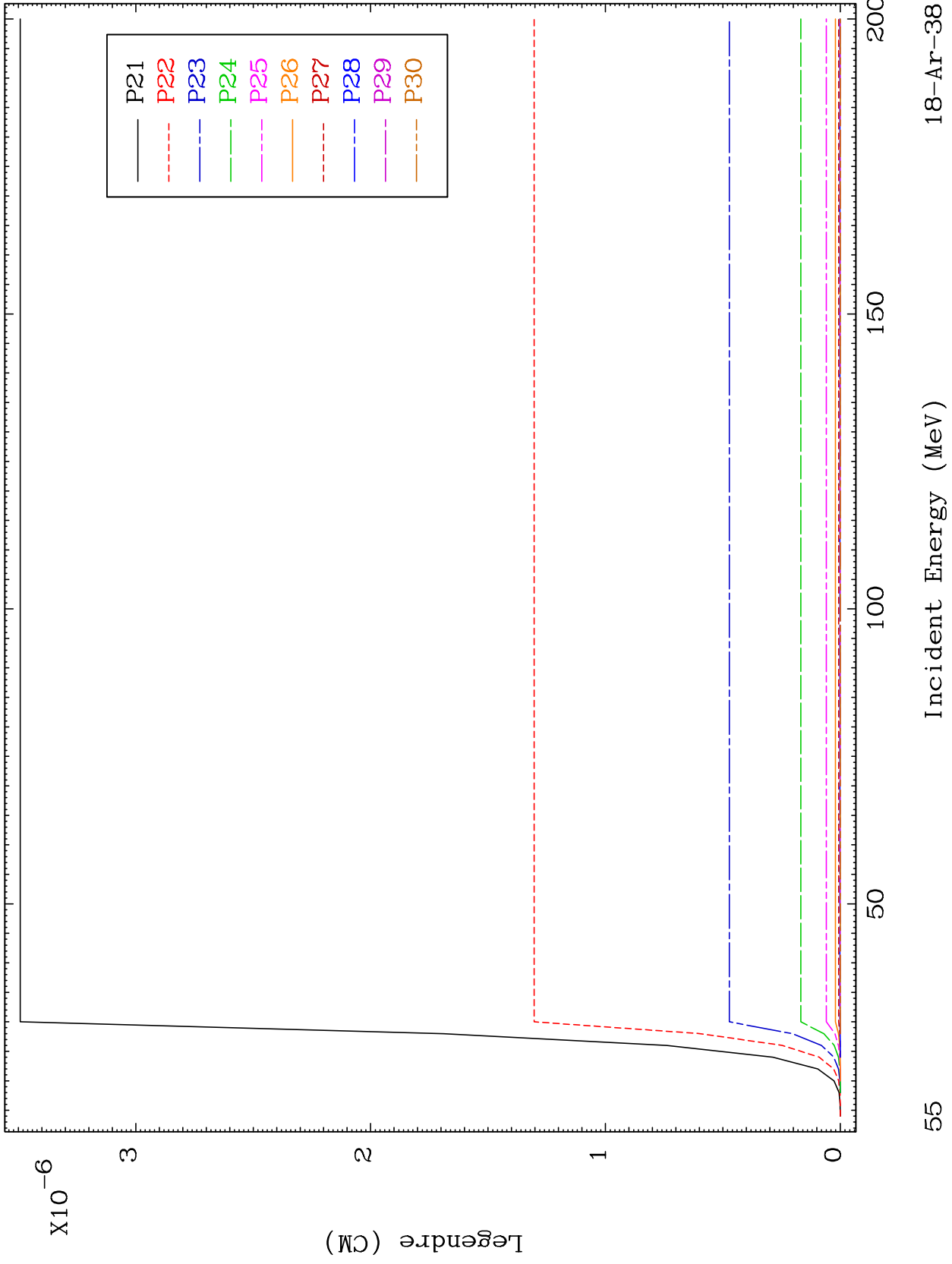
18-Ar-38



MAT 1831

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

18-Ar-38



55

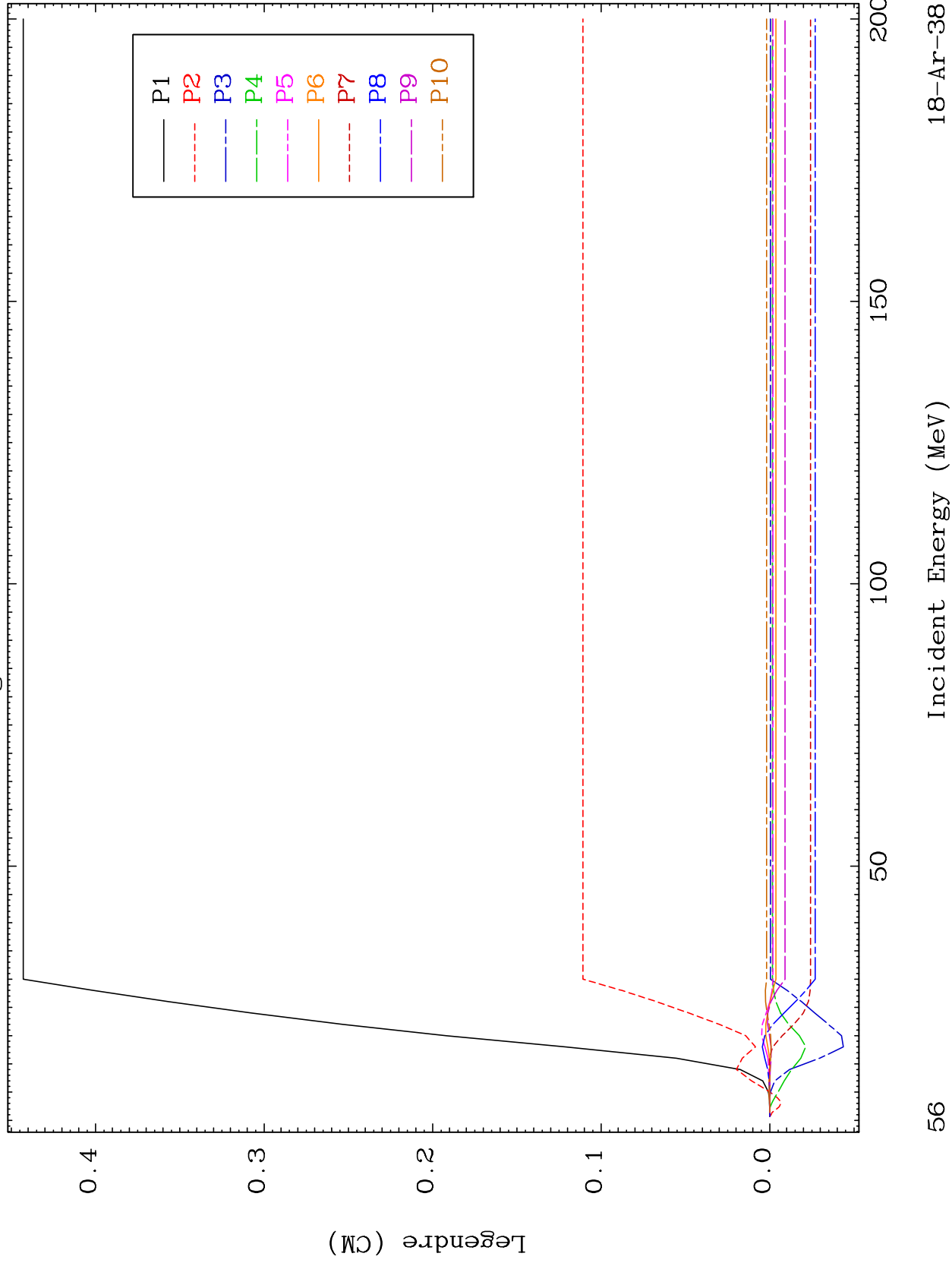
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

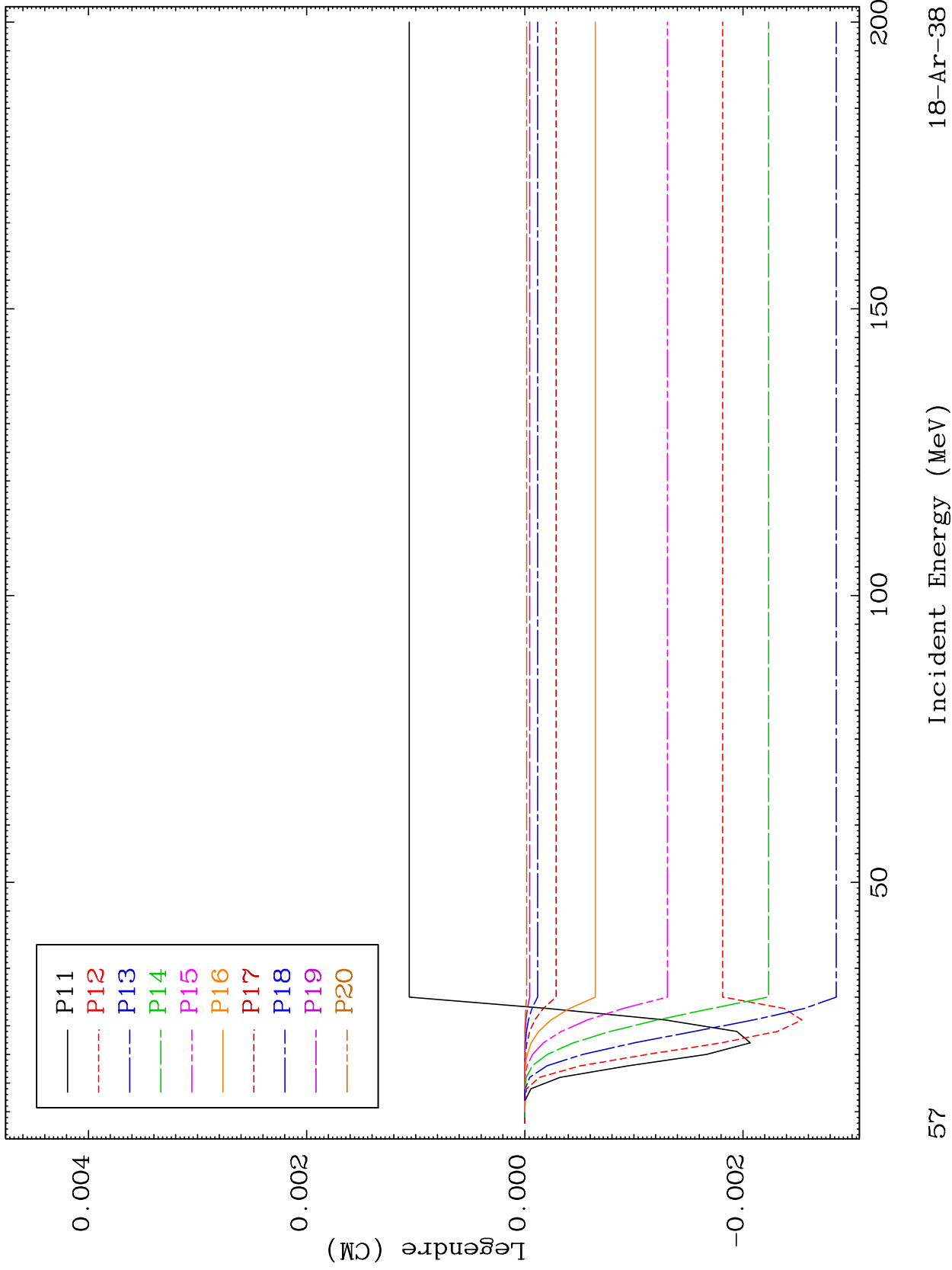
18-Ar-38

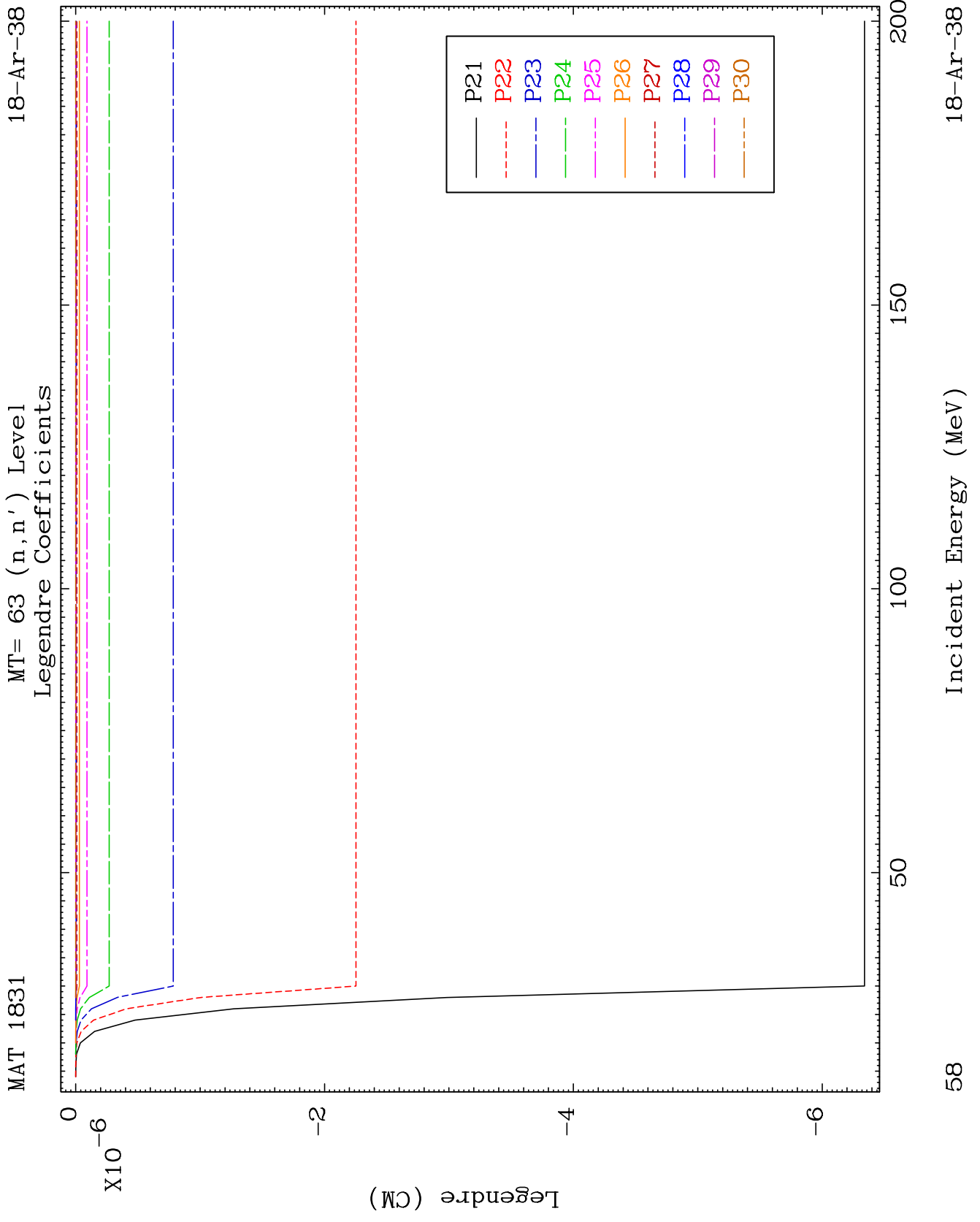


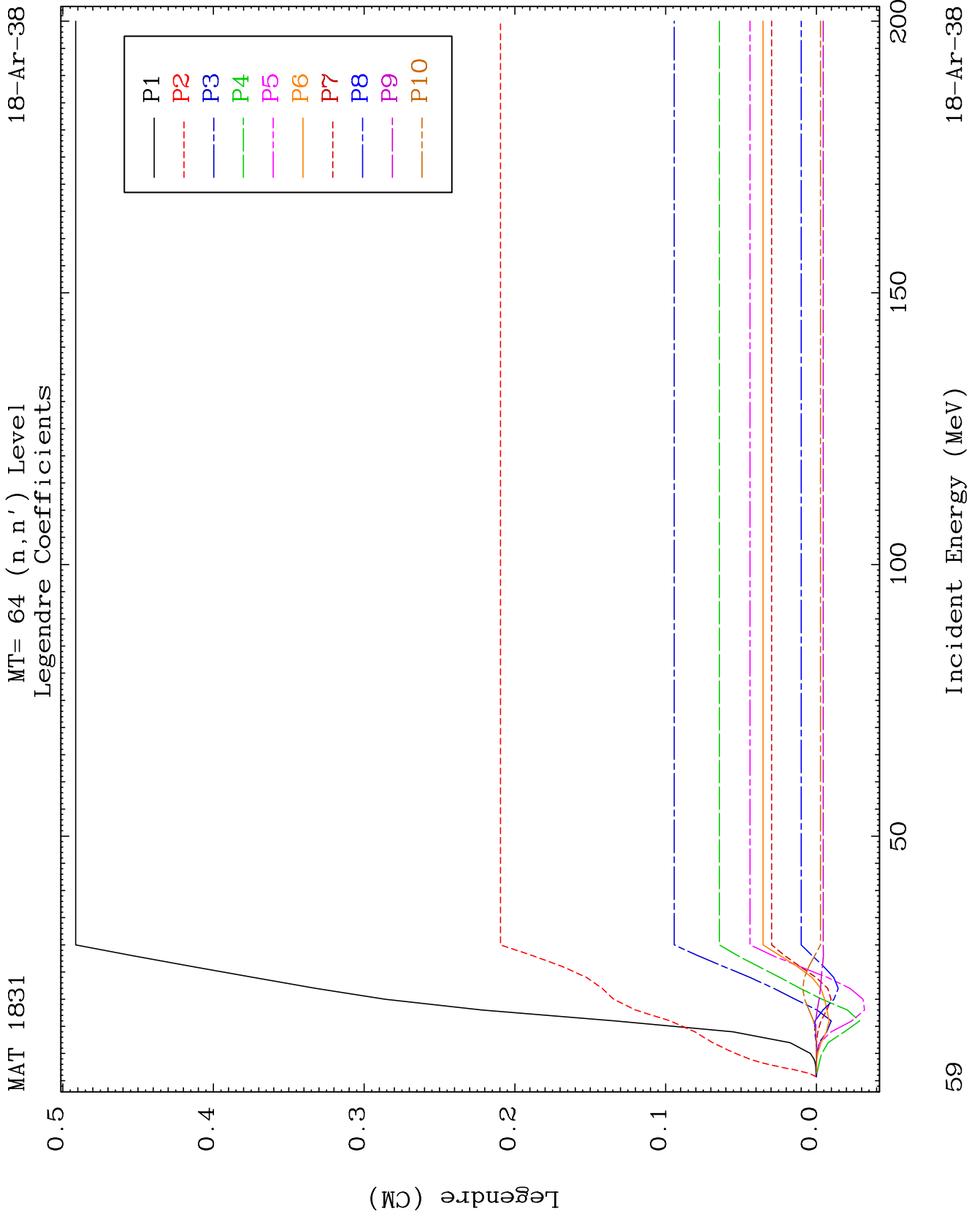
56

Incident Energy (MeV)

18-Ar-38



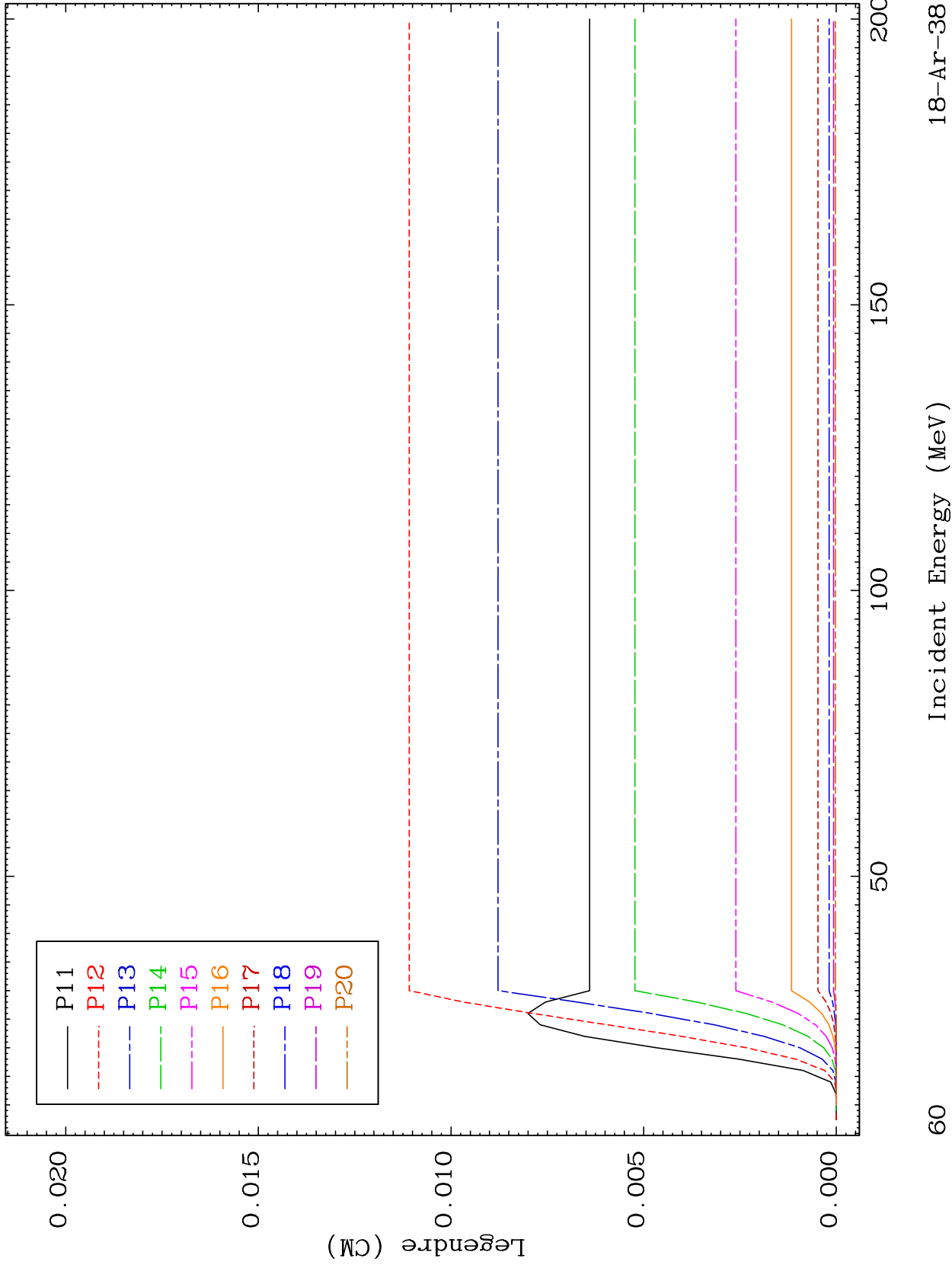




MAT 1831

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

18-Ar-38



18-Ar-38

Incident Energy (MeV)

60

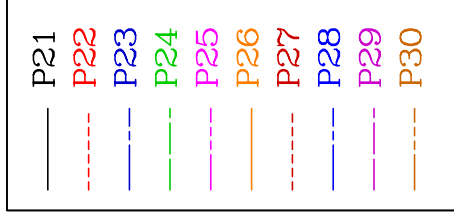
MAT 1831

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

18-Ar-38

$\times 10^{-6}$

Legendre (CM)

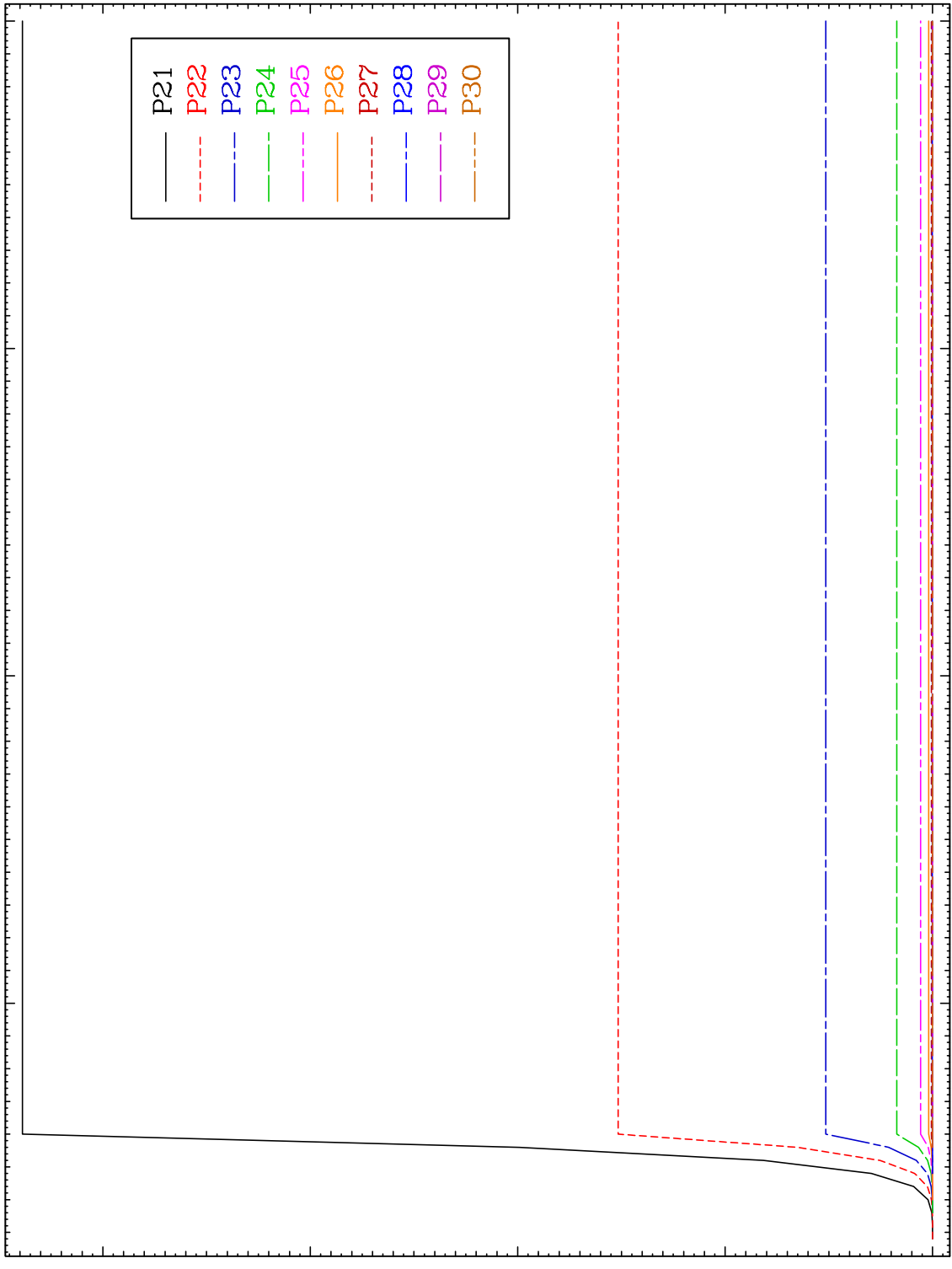


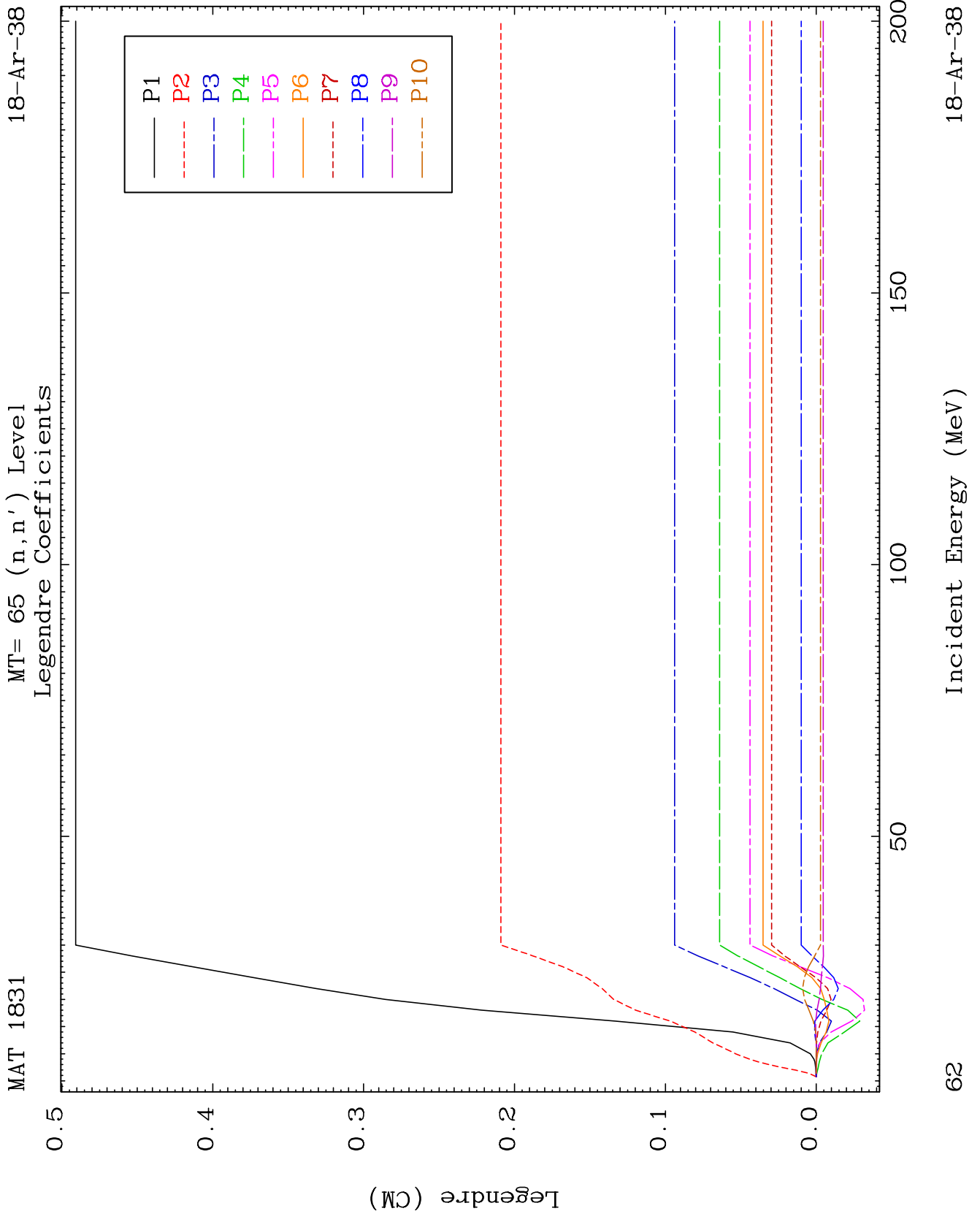
Incident Energy (MeV)

61

18-Ar-38

18-Ar-38

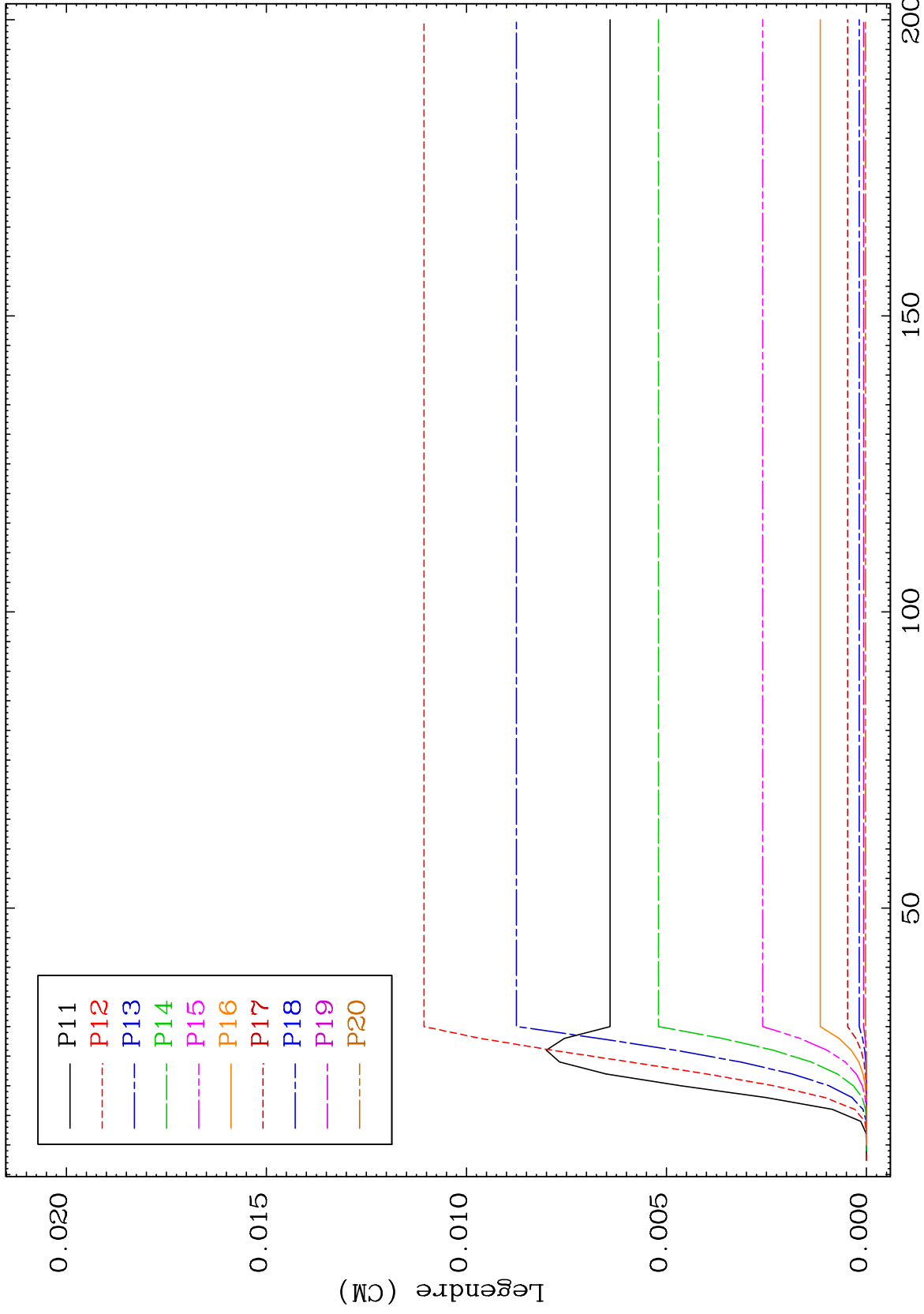




MAT 1831

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

18-Ar-38



63

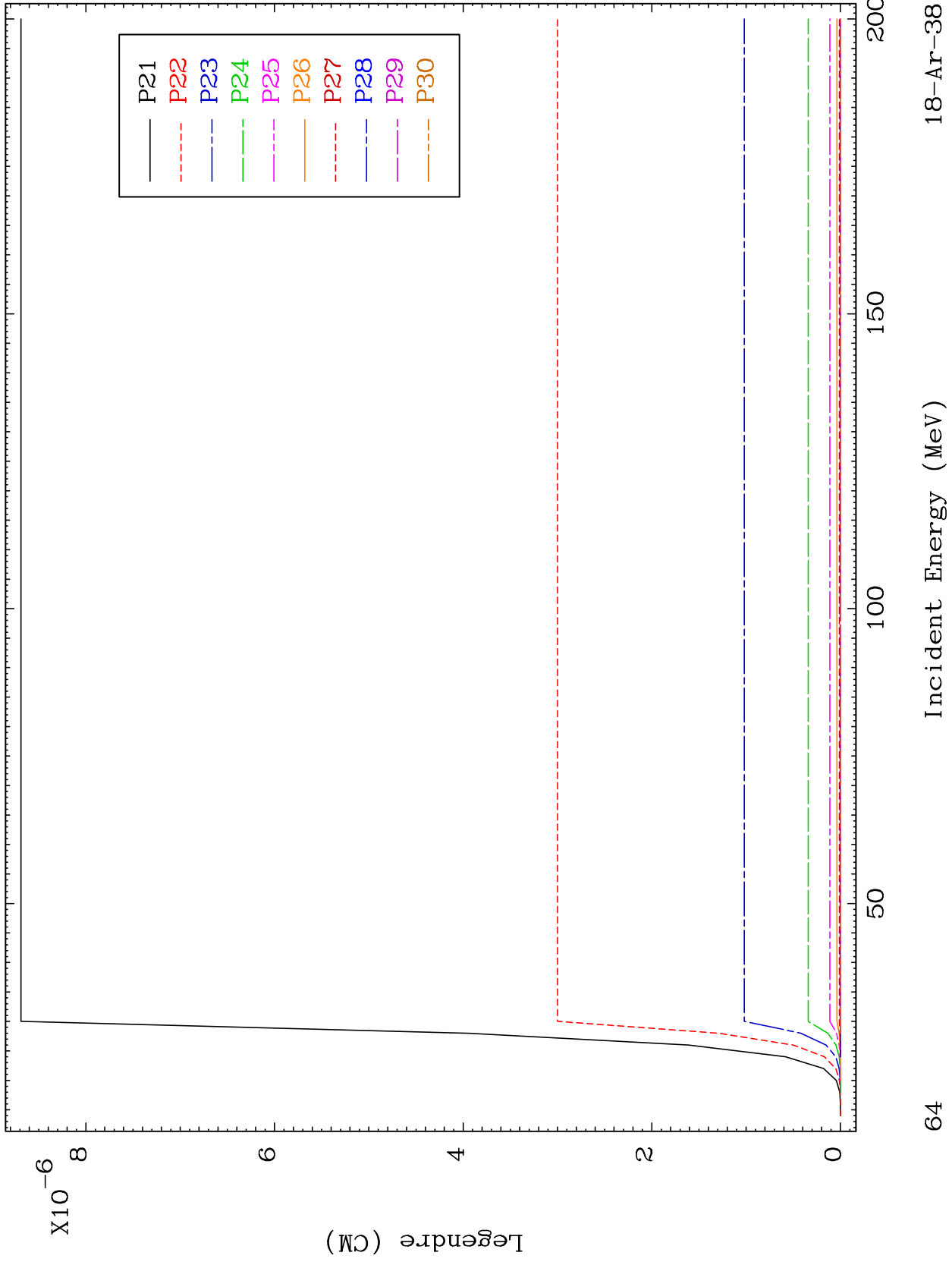
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

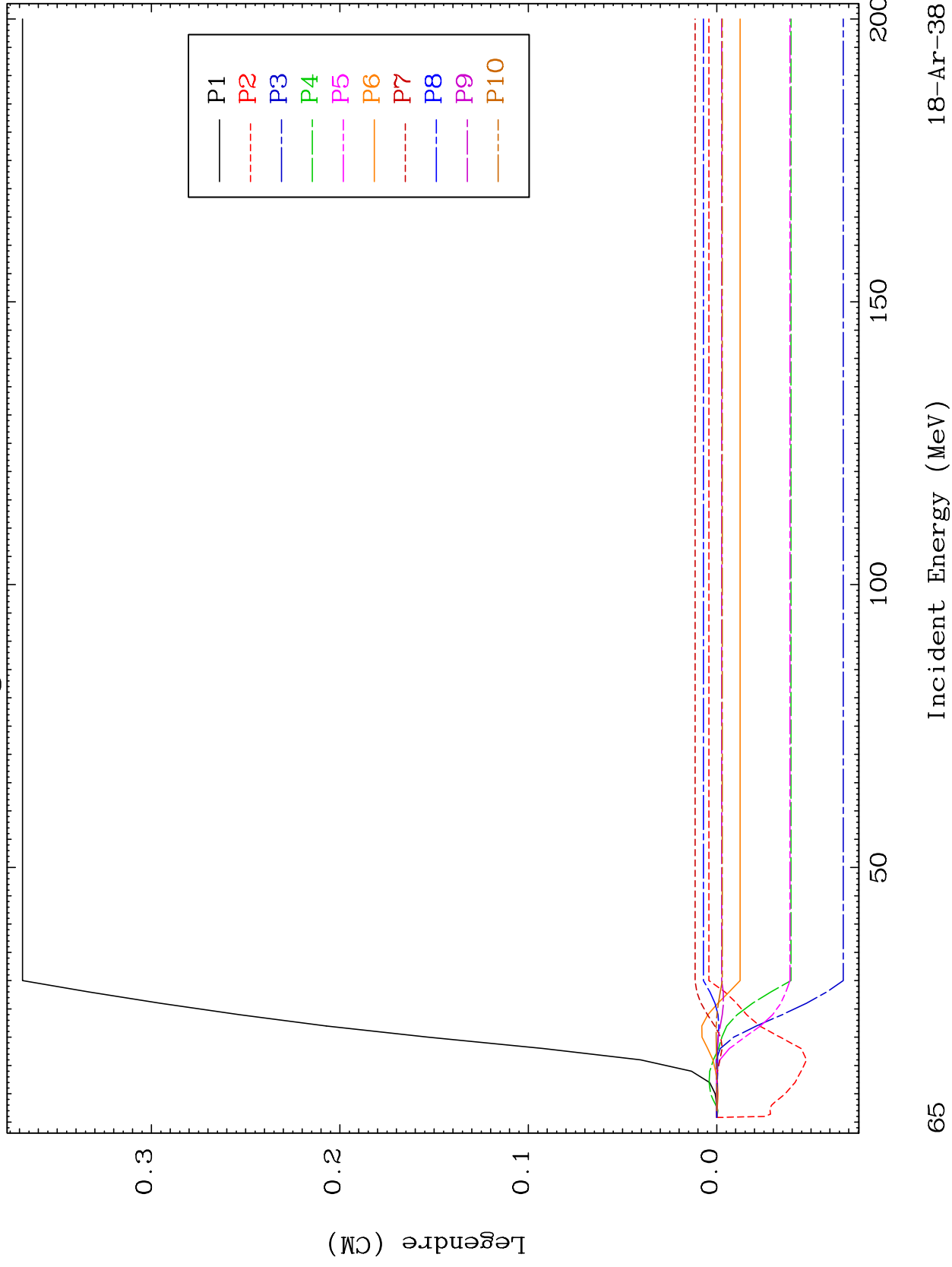
18-Ar-38



MAT 1831

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

18-Ar-38



18-Ar-38

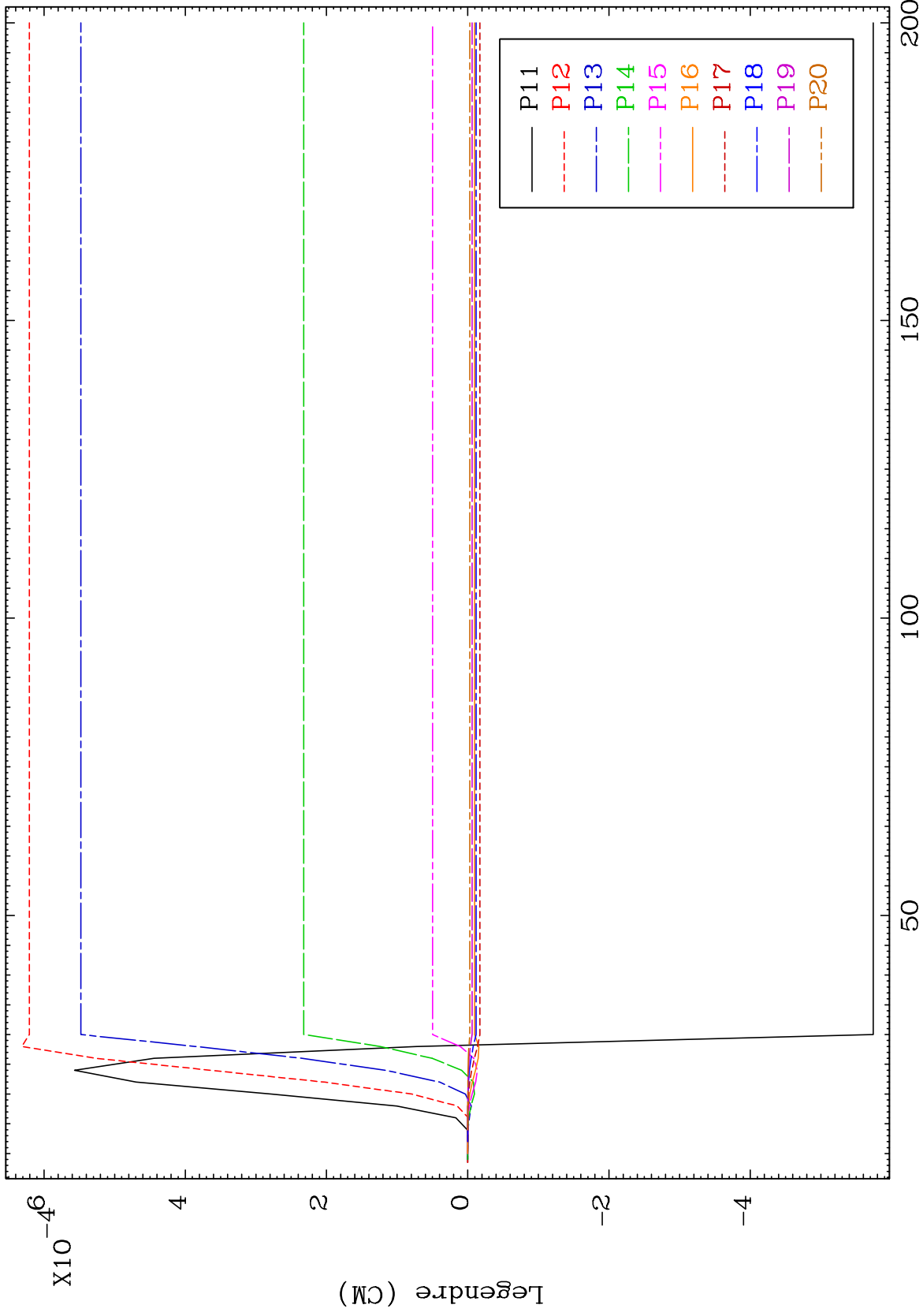
Incident Energy (MeV)

65

MAT 1831

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

18-Ar-38



66

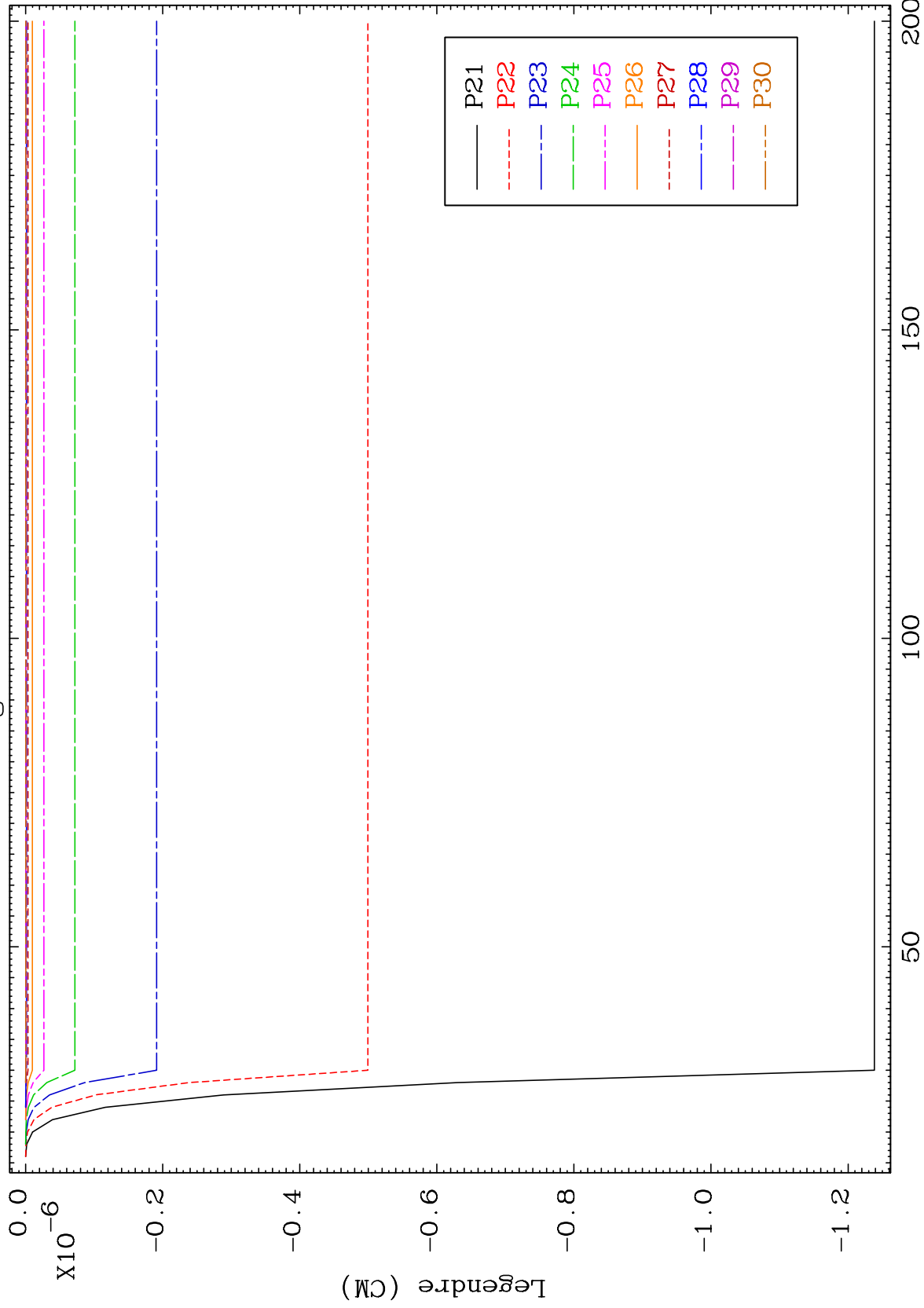
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



67

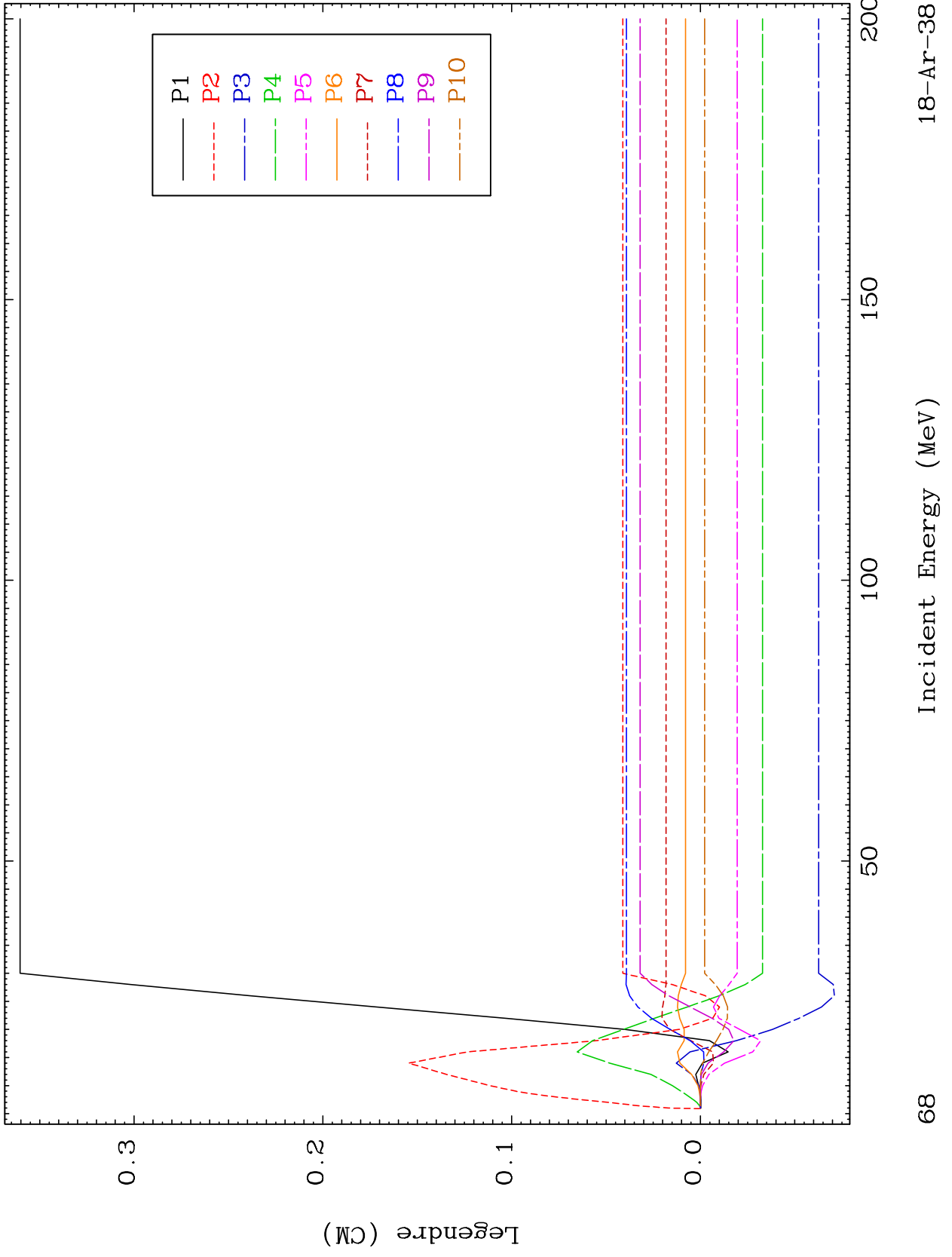
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

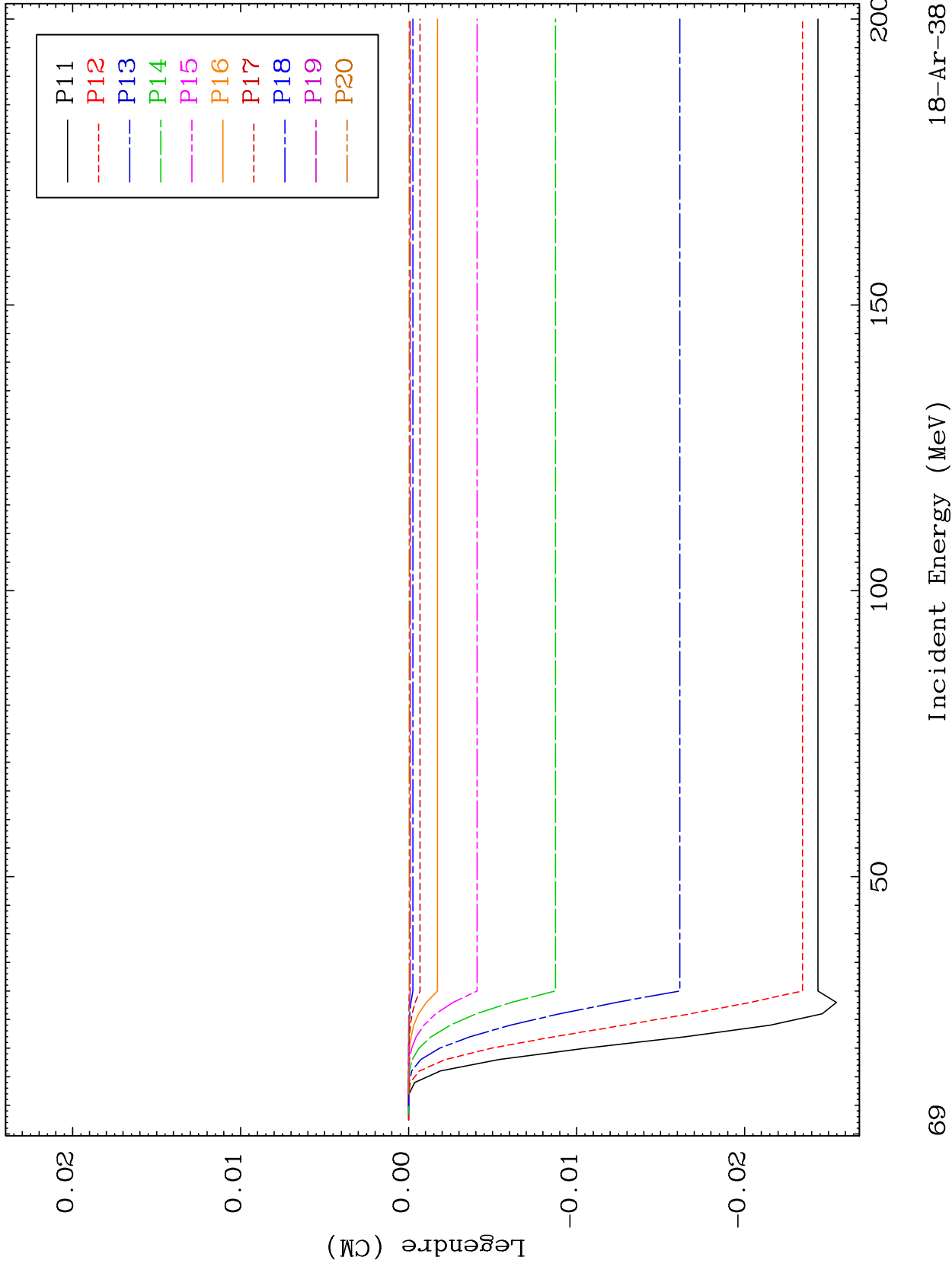
18-Ar-38



MAT 1831

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

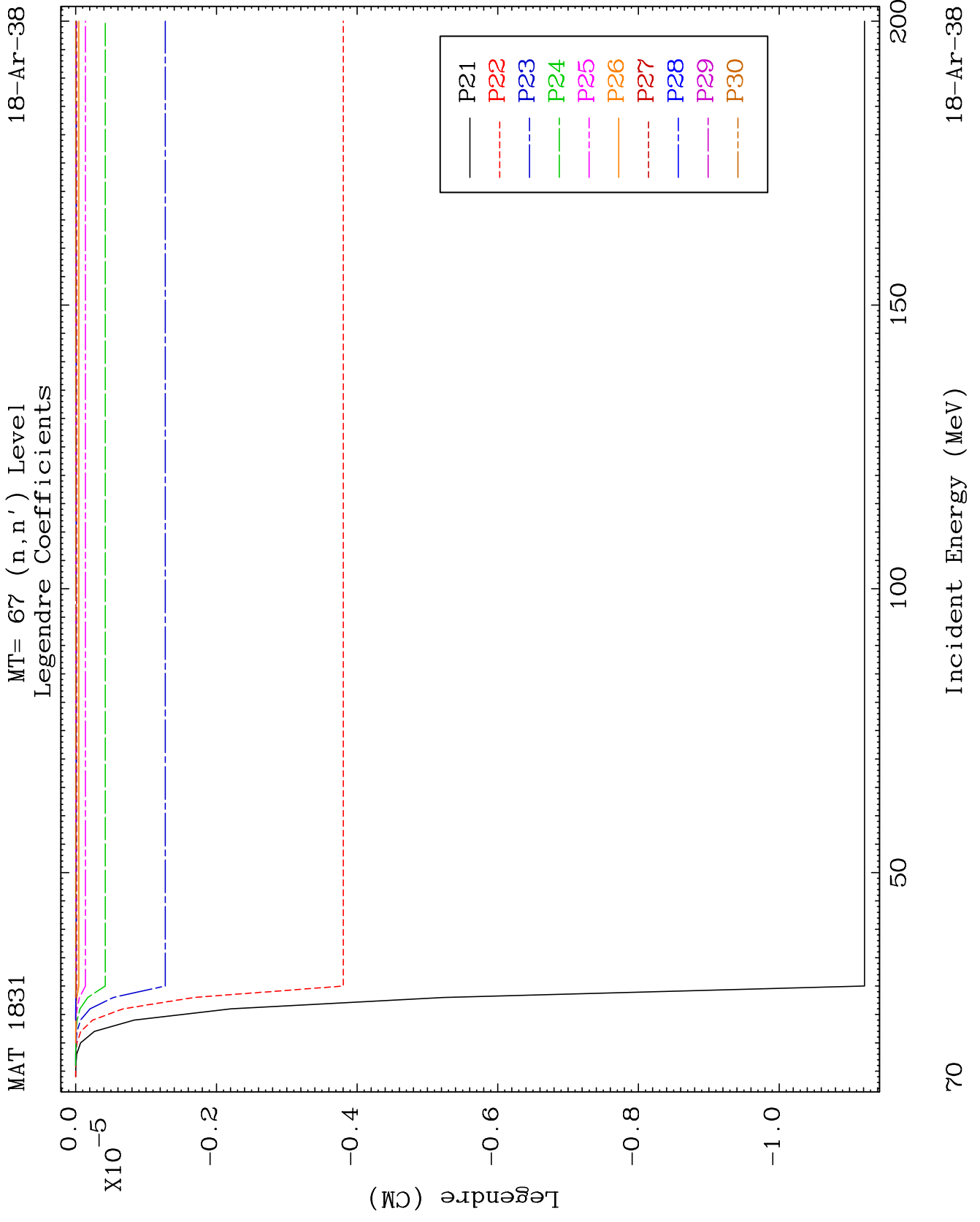
18-Ar-38



69

Incident Energy (MeV)

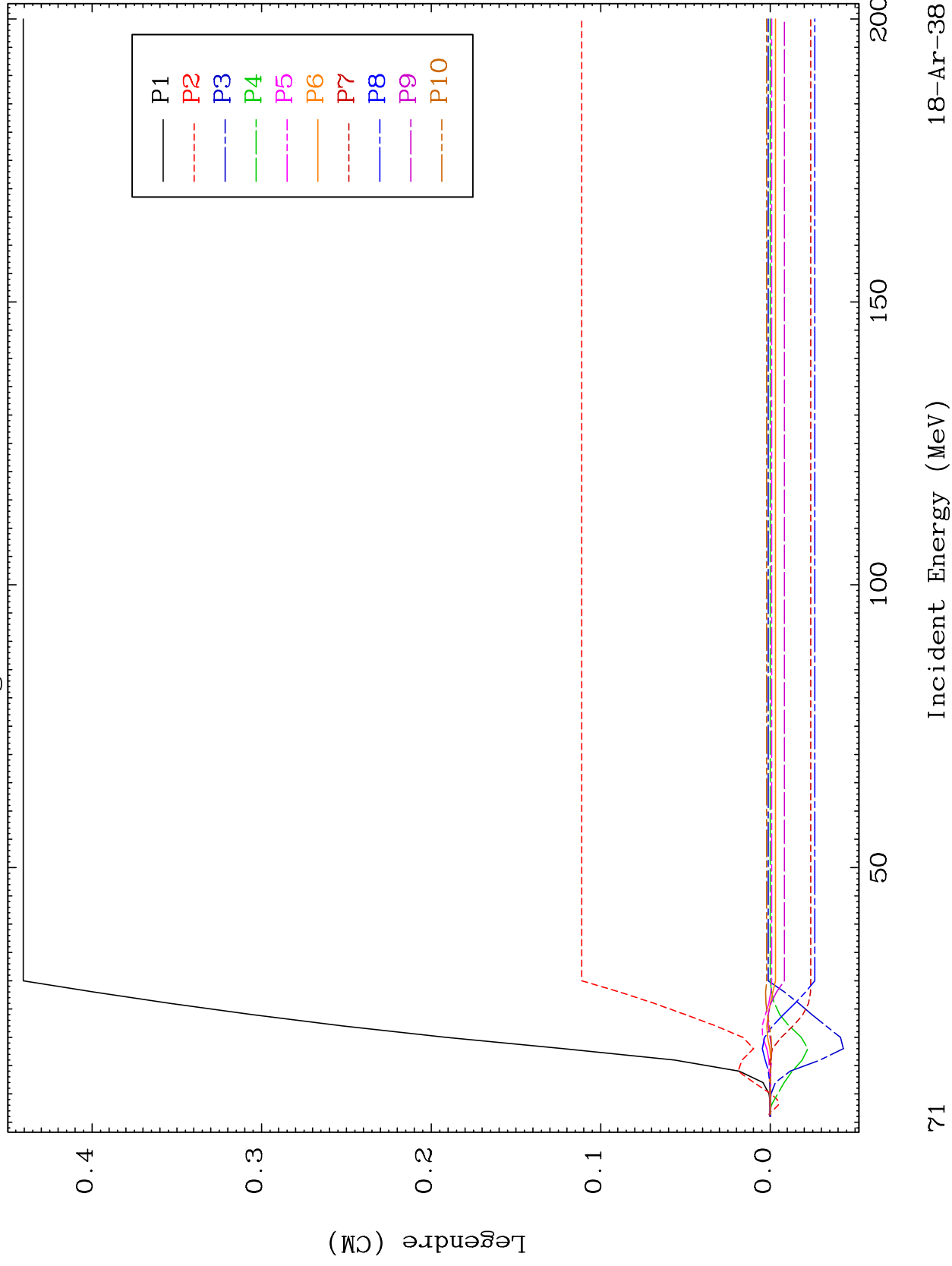
18-Ar-38



MAT 1831

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

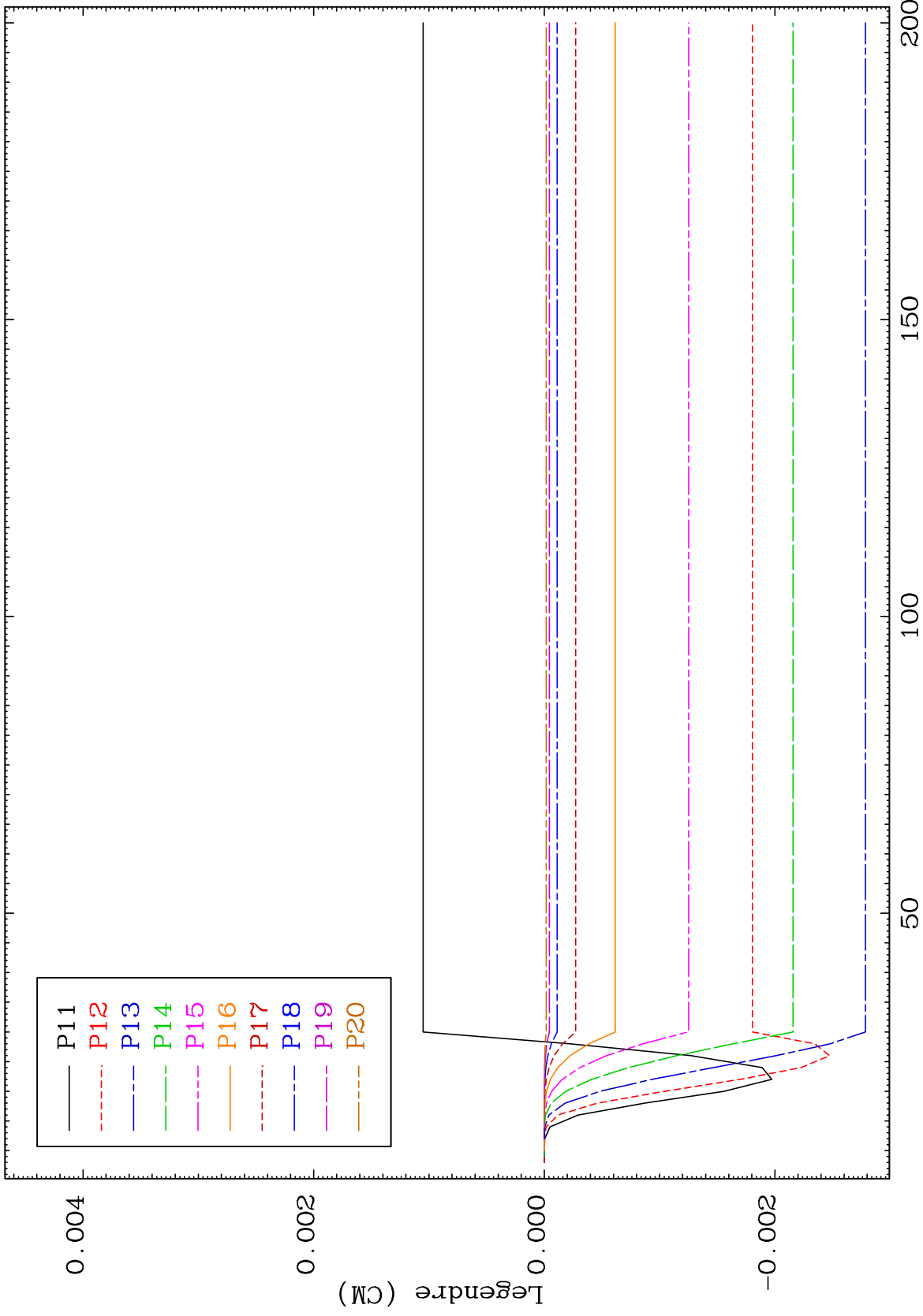
18-Ar-38

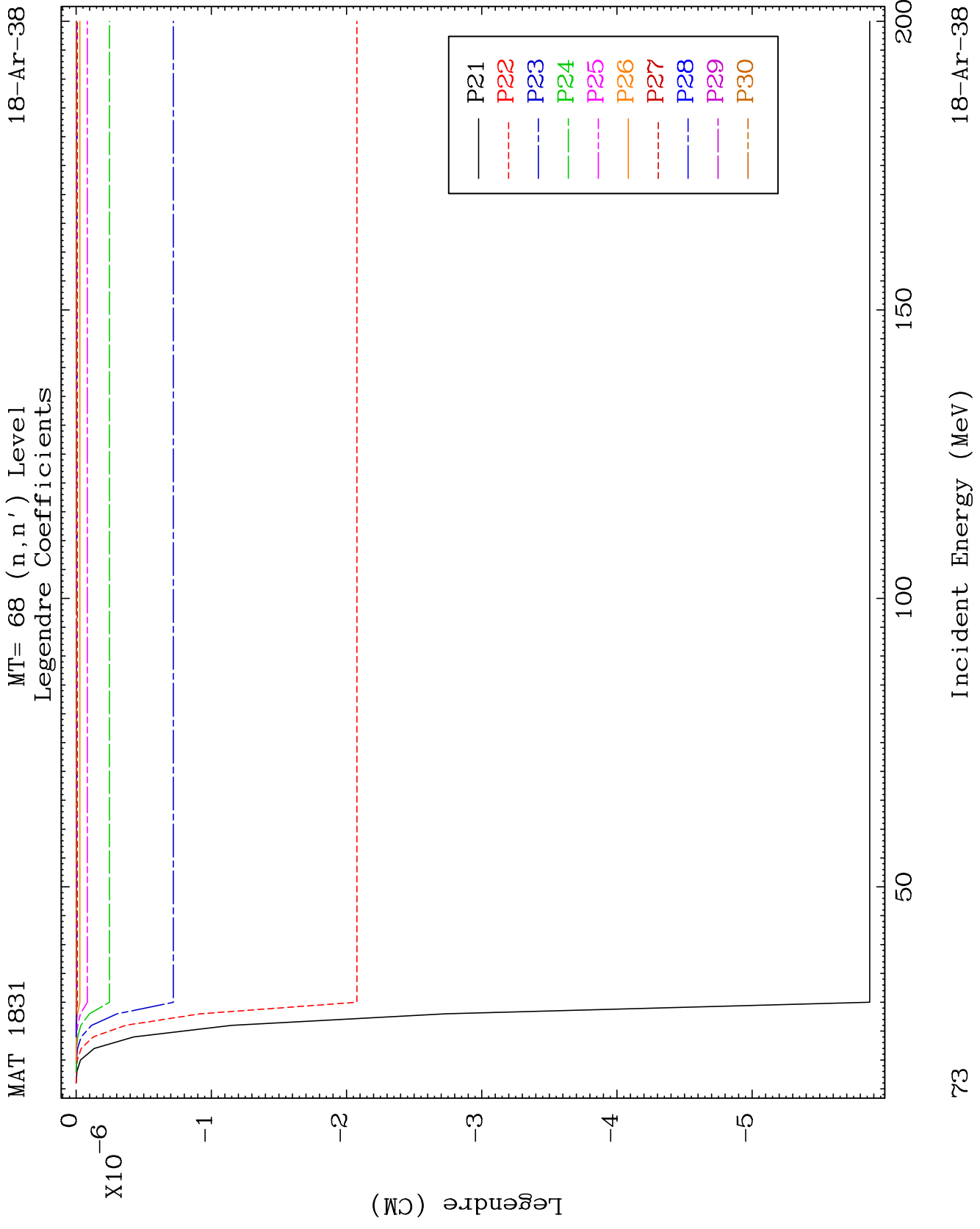


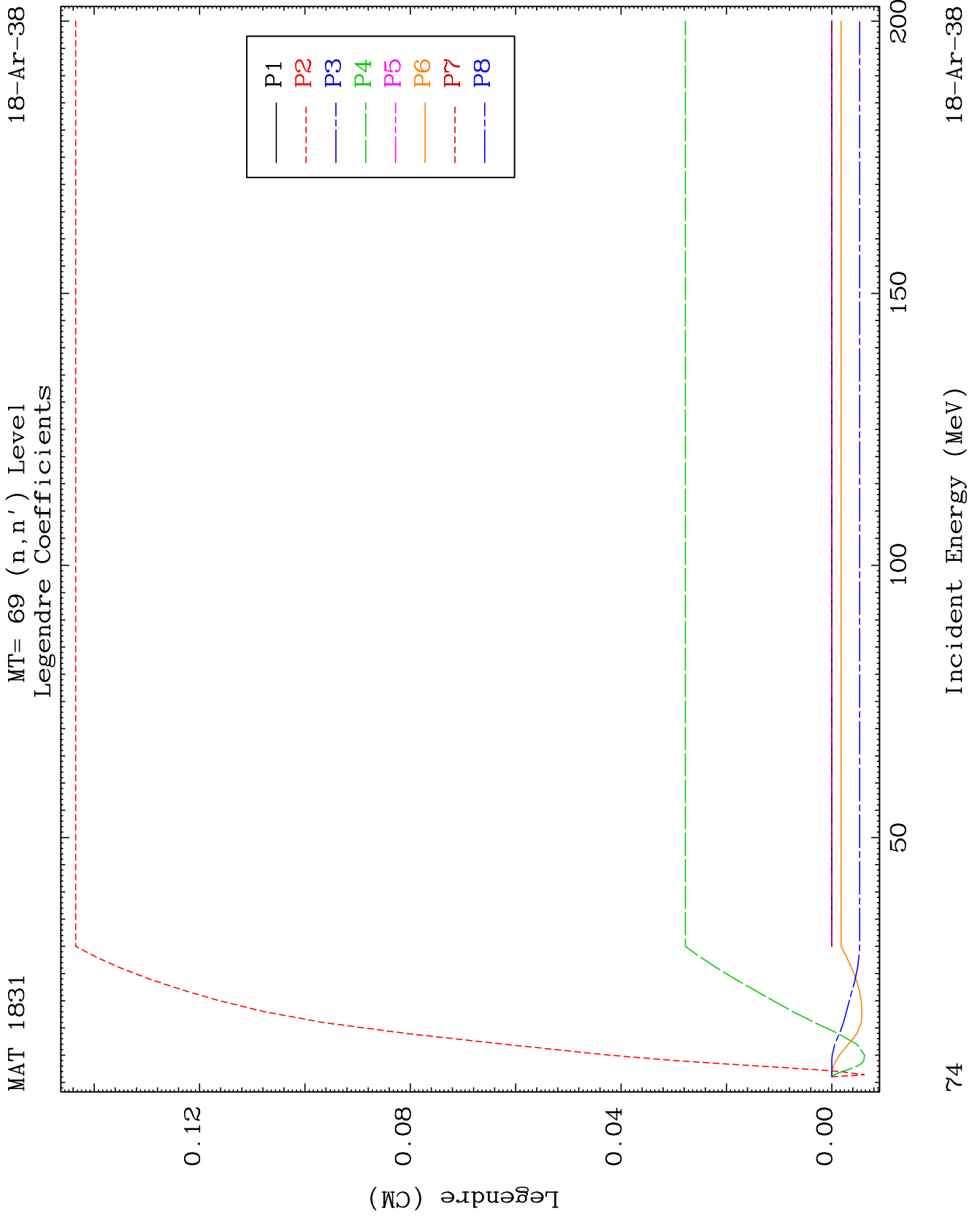
71

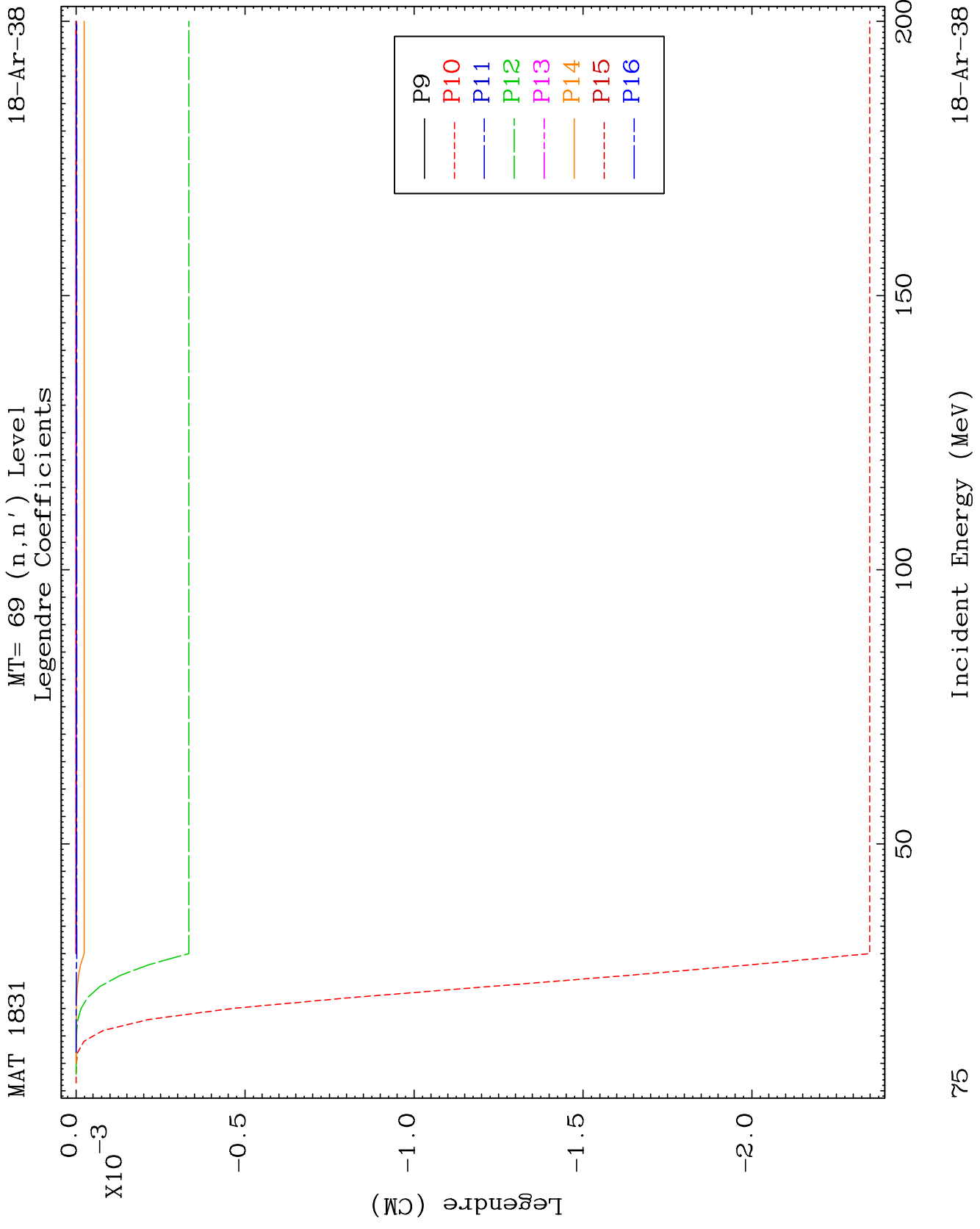
Incident Energy (MeV)

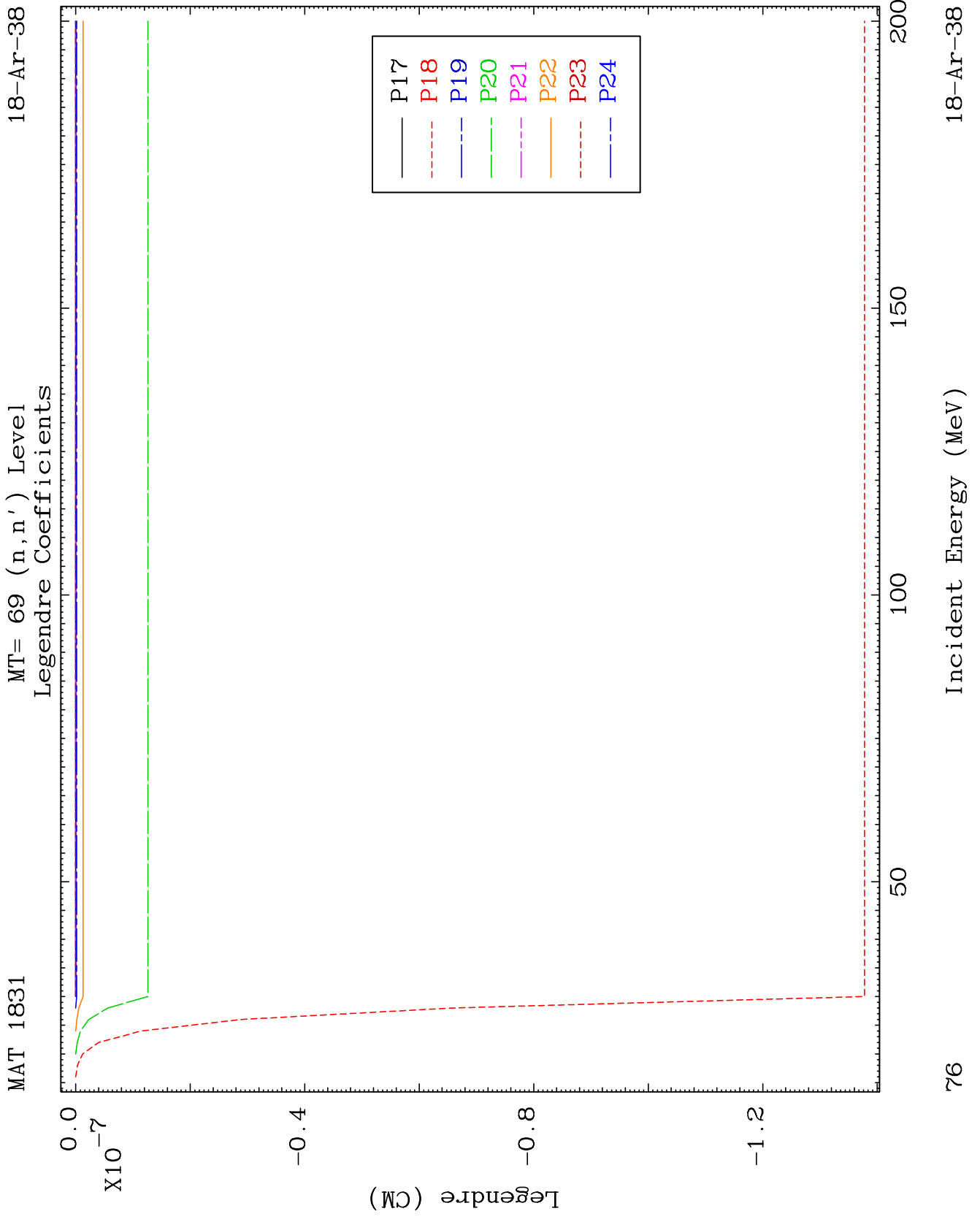
18-Ar-38







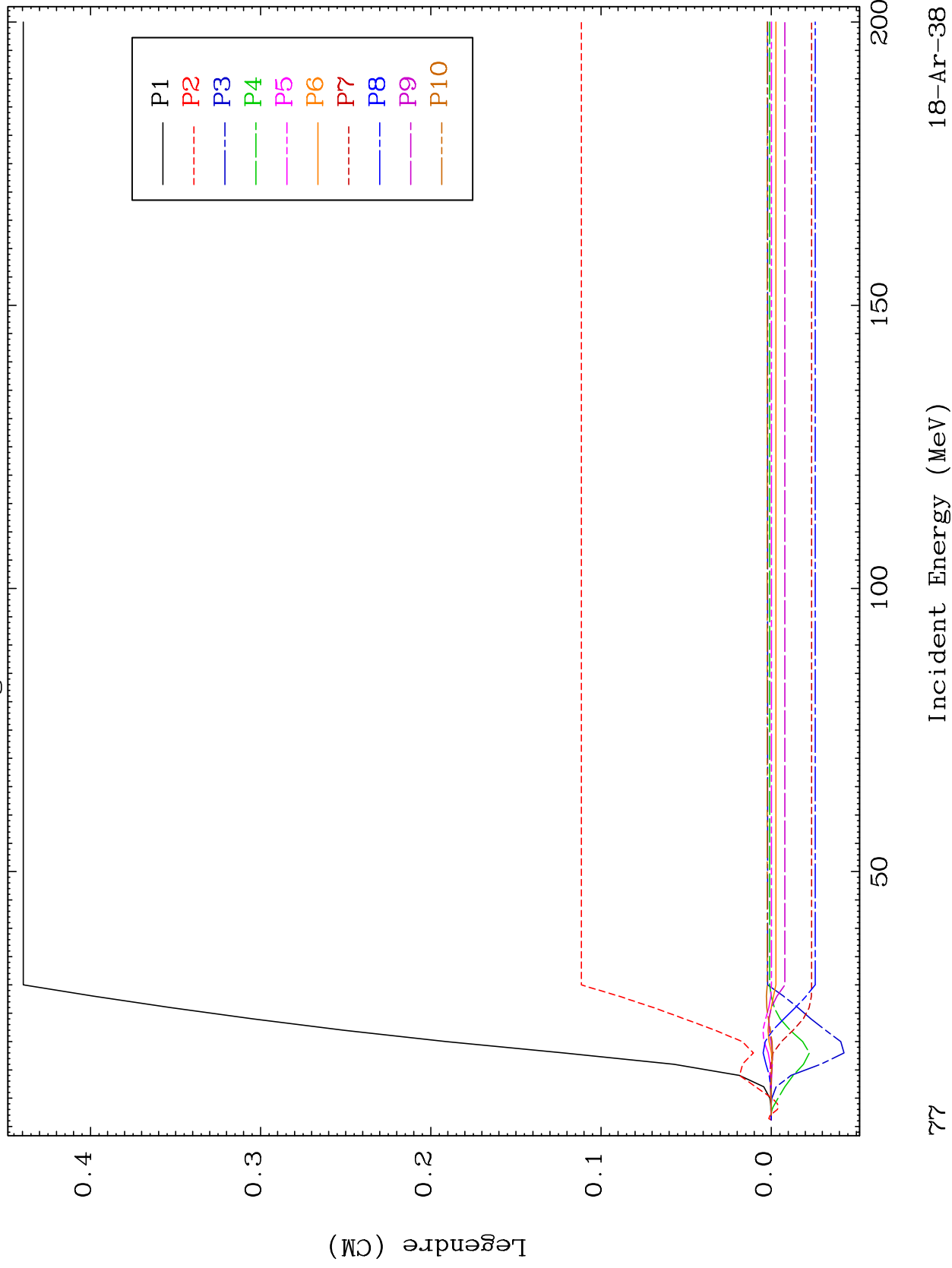




MAT 1831

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

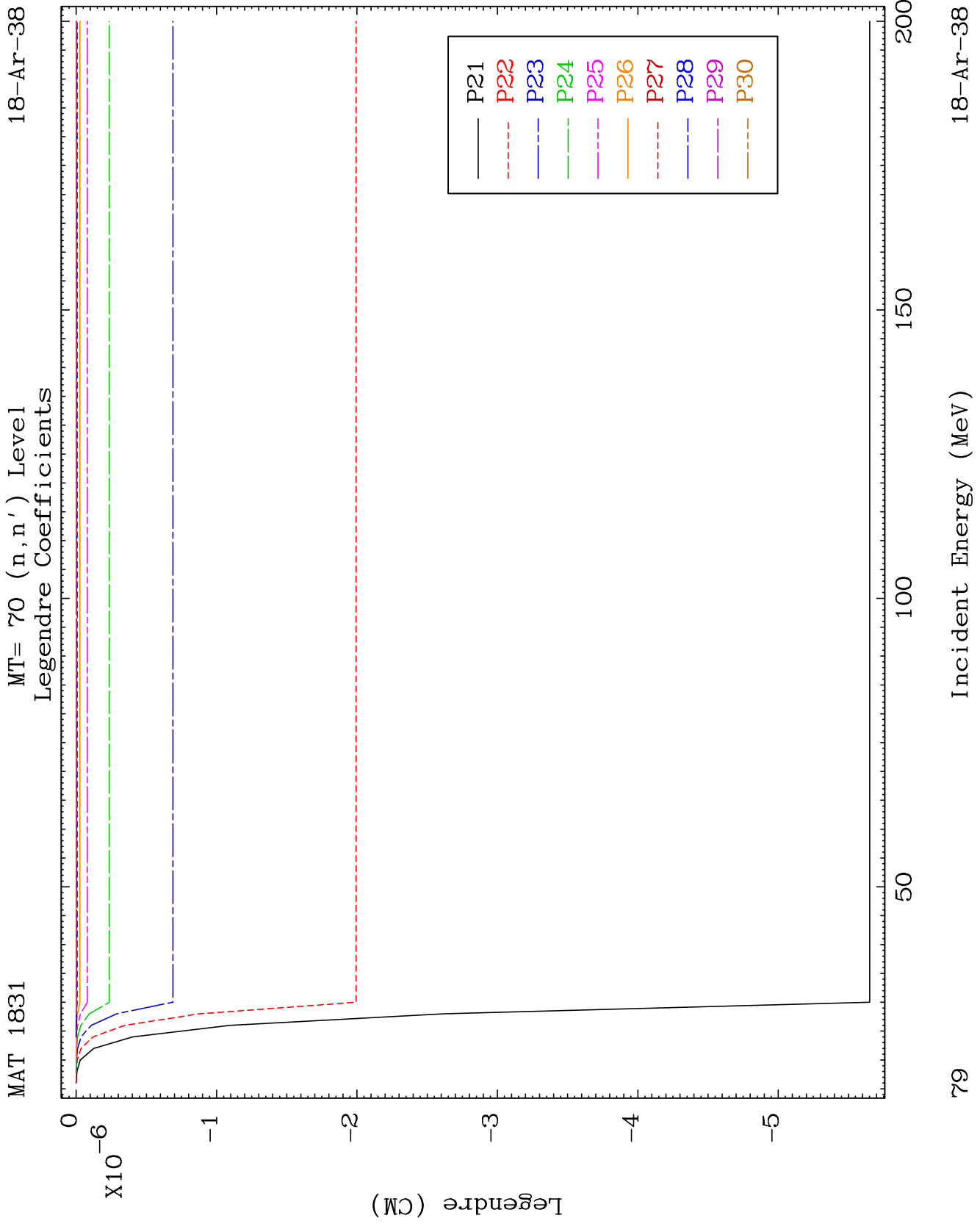
18-Ar-38



77

Incident Energy (MeV)

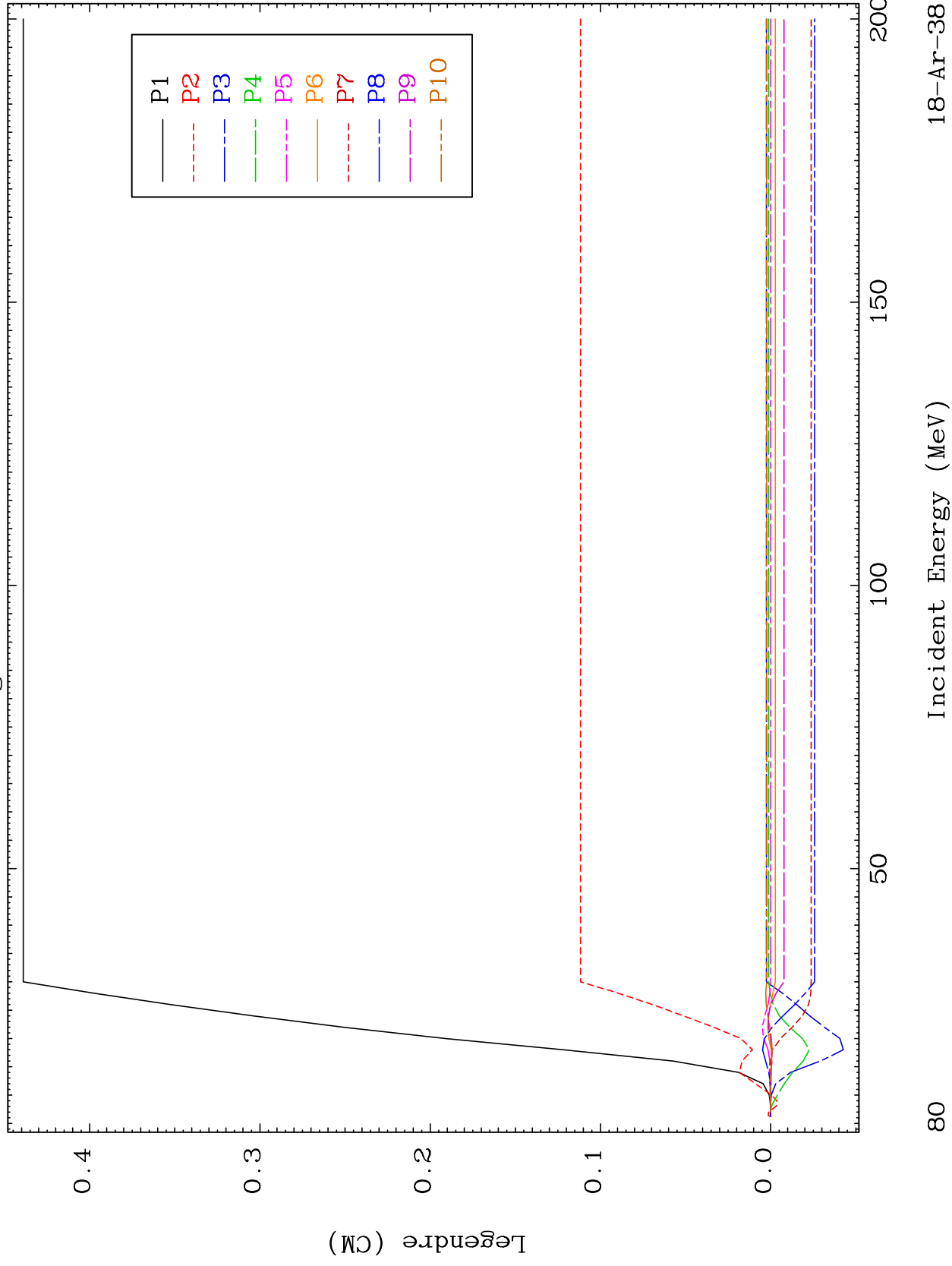
18-Ar-38



MAT 1831

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

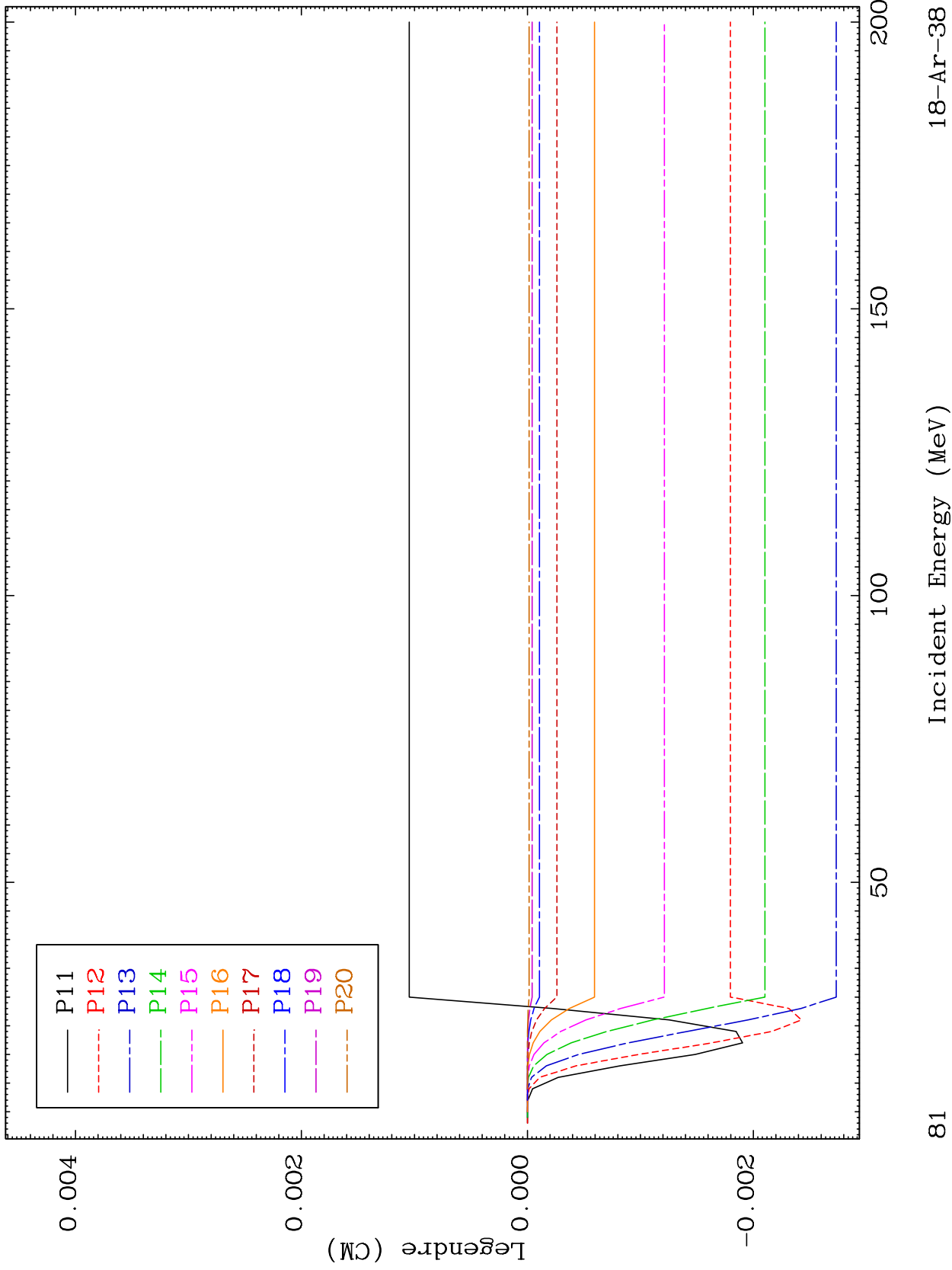
18-Ar-38



18-Ar-38

Incident Energy (MeV)

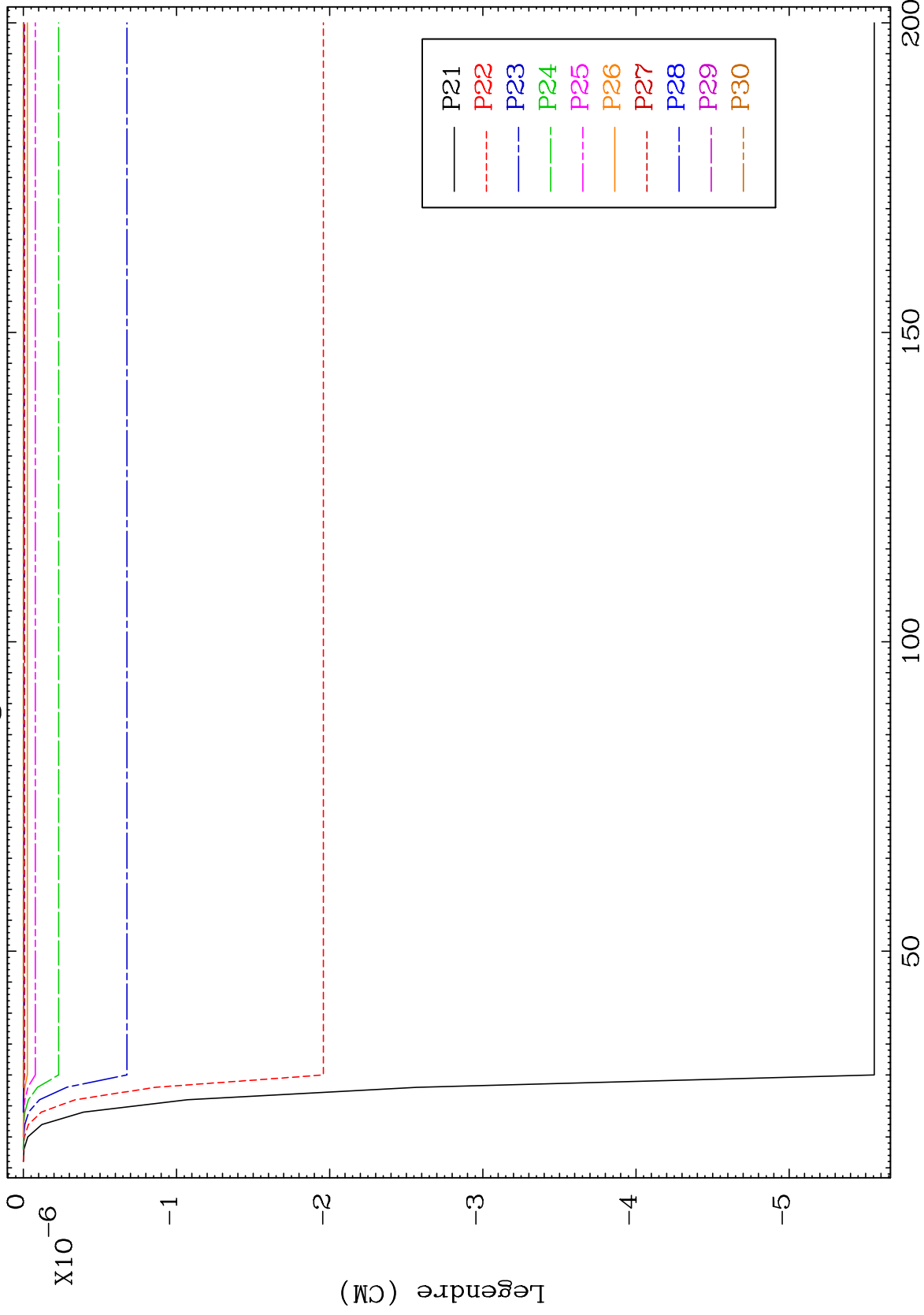
80



MAT 1831

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

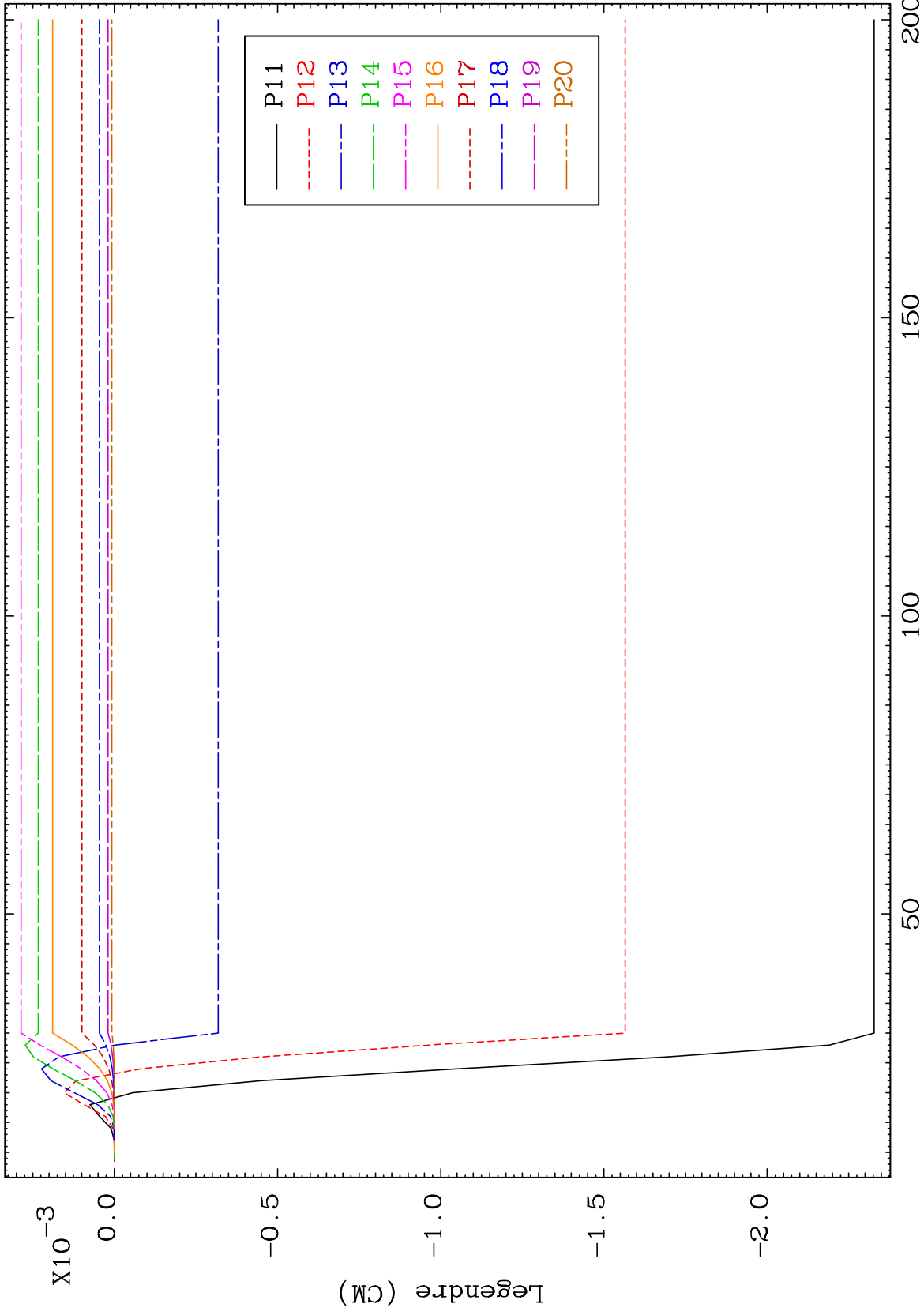
18-Ar-38



82

Incident Energy (MeV)

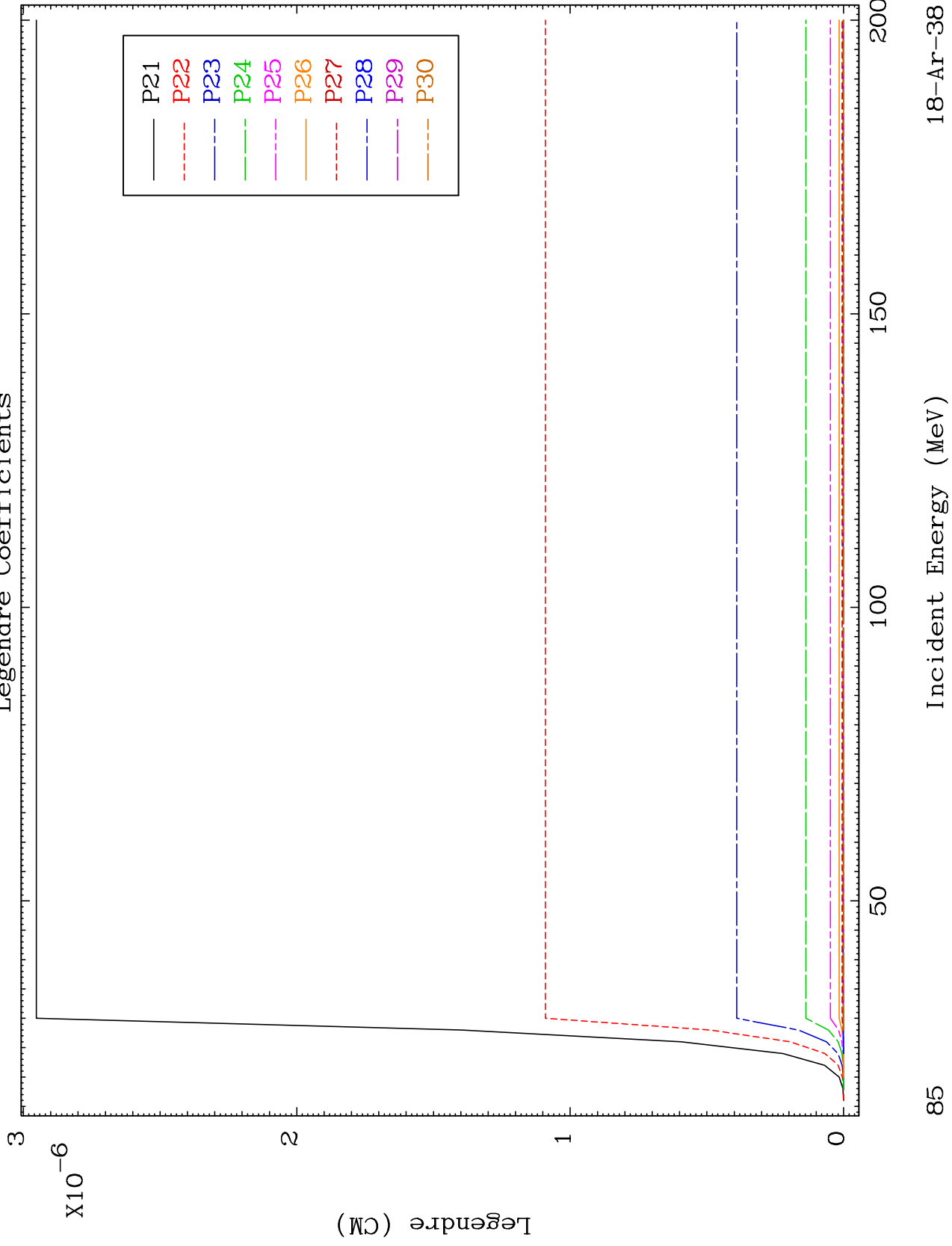
18-Ar-38



MAT 1831

18-Ar-38

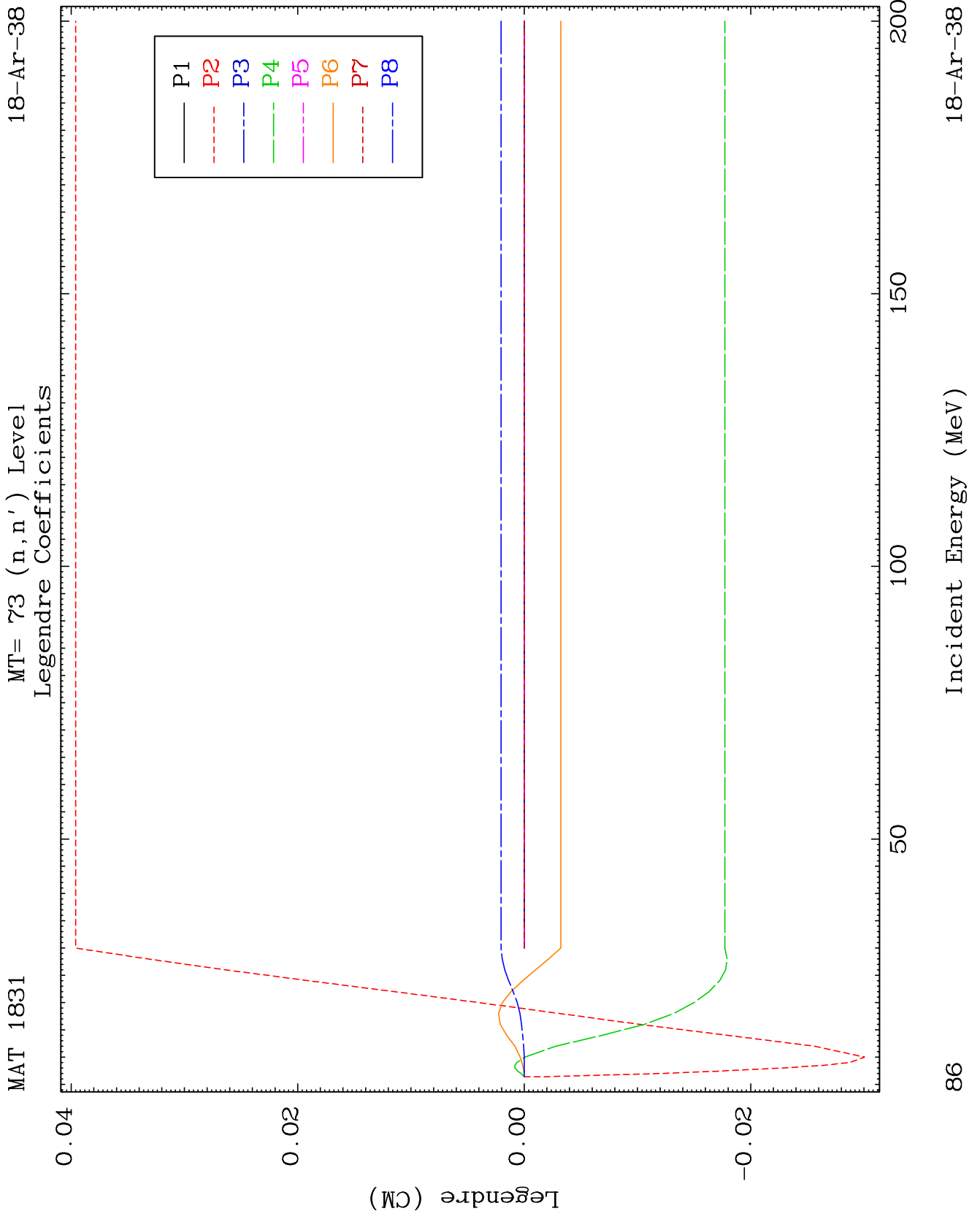
MT= 72 (n,n') Level
Legendre Coefficients



85

Incident Energy (MeV)

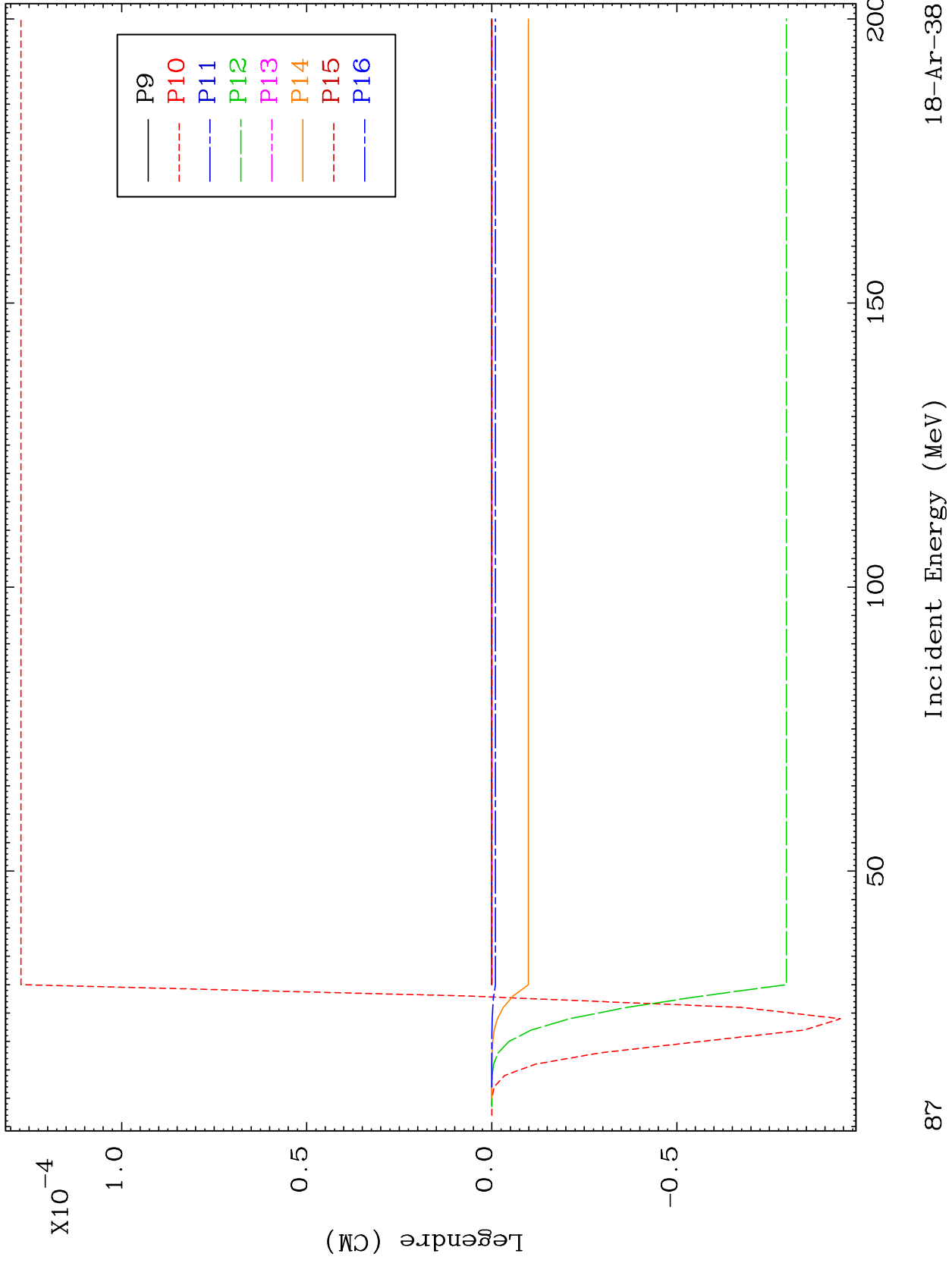
18-Ar-38



MAT 1831

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

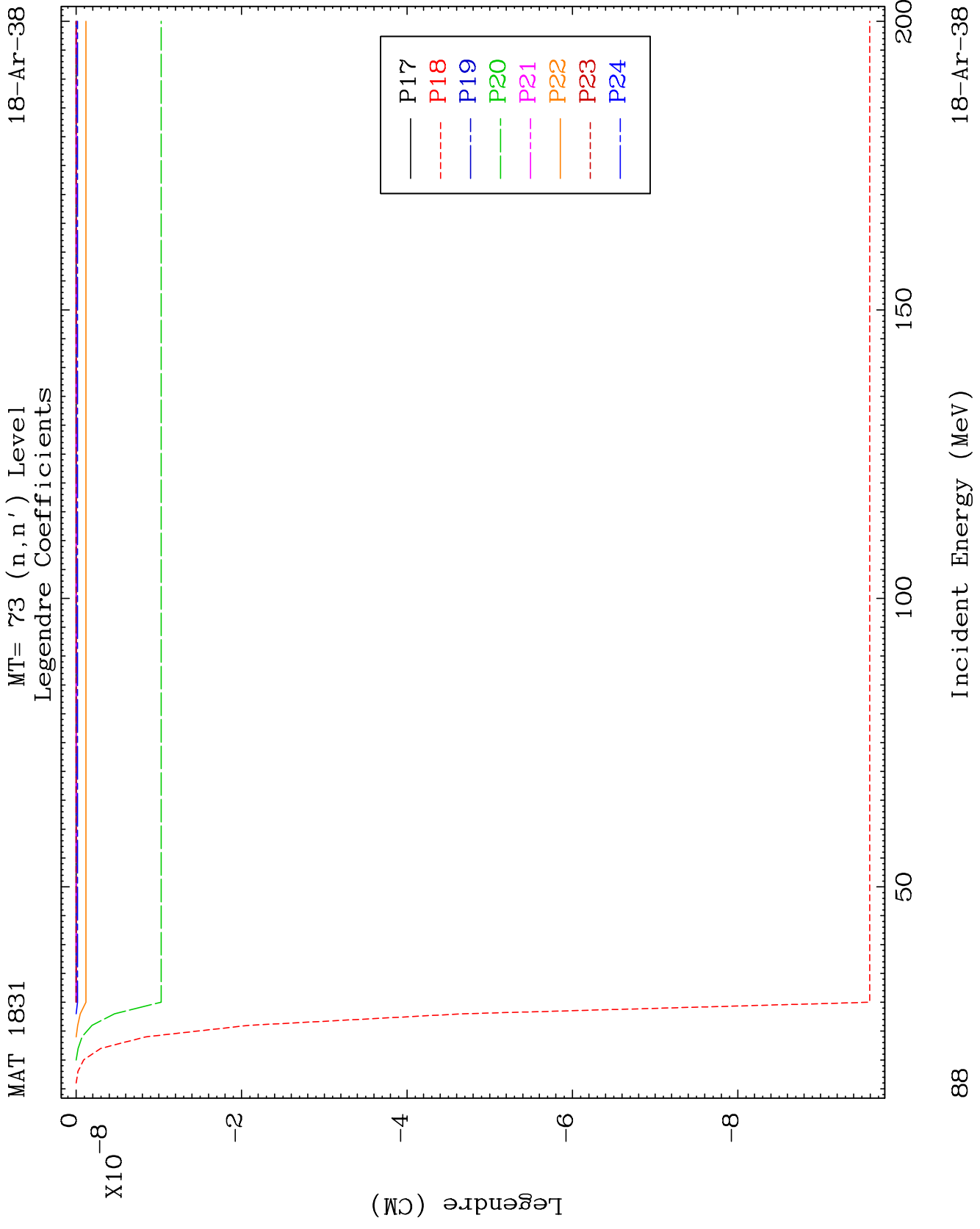
18-Ar-38



87

Incident Energy (MeV)

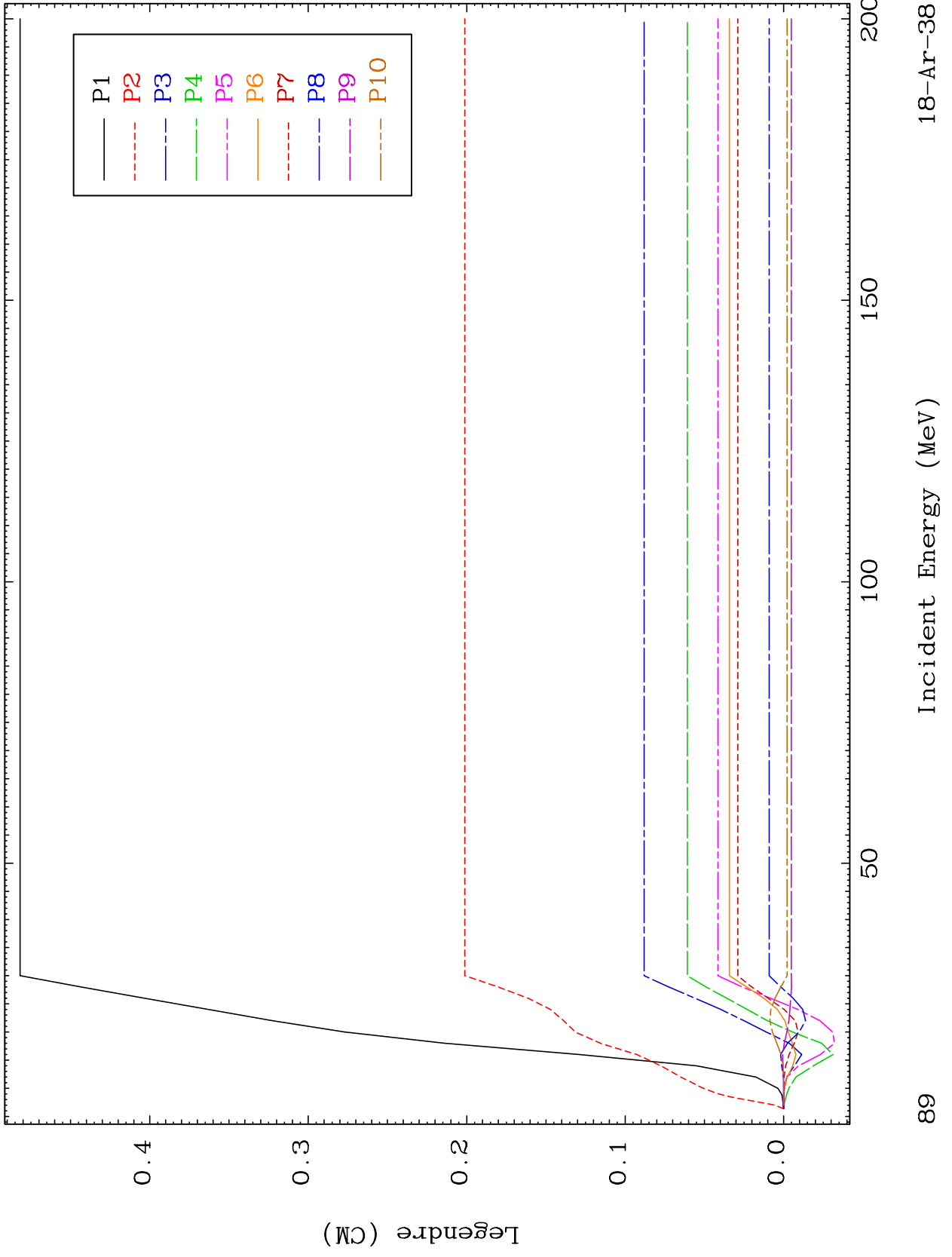
18-Ar-38



MAT 1831

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

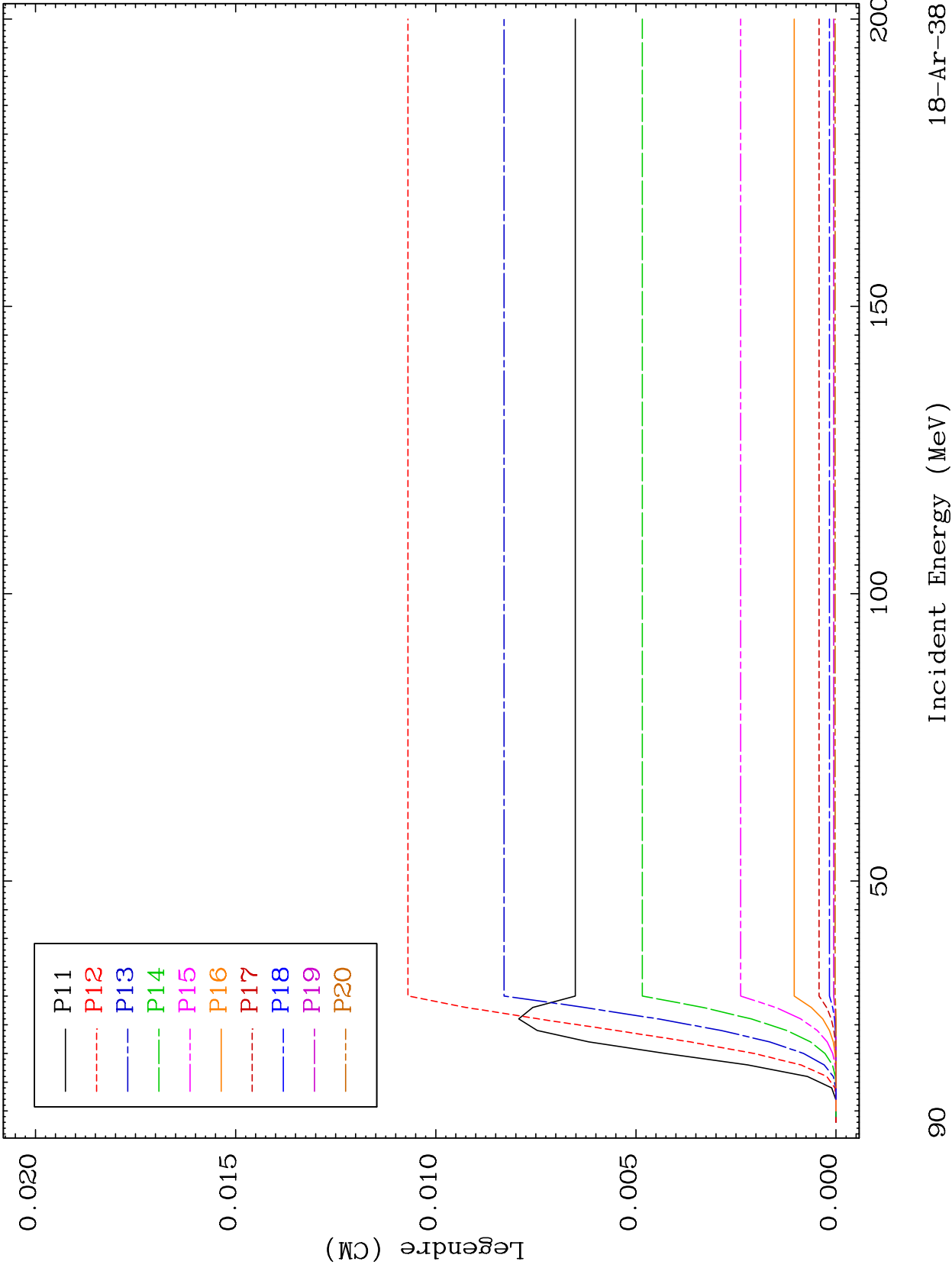
18-Ar-38



MAT 1831

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

18-Ar-38



90

50

100

150

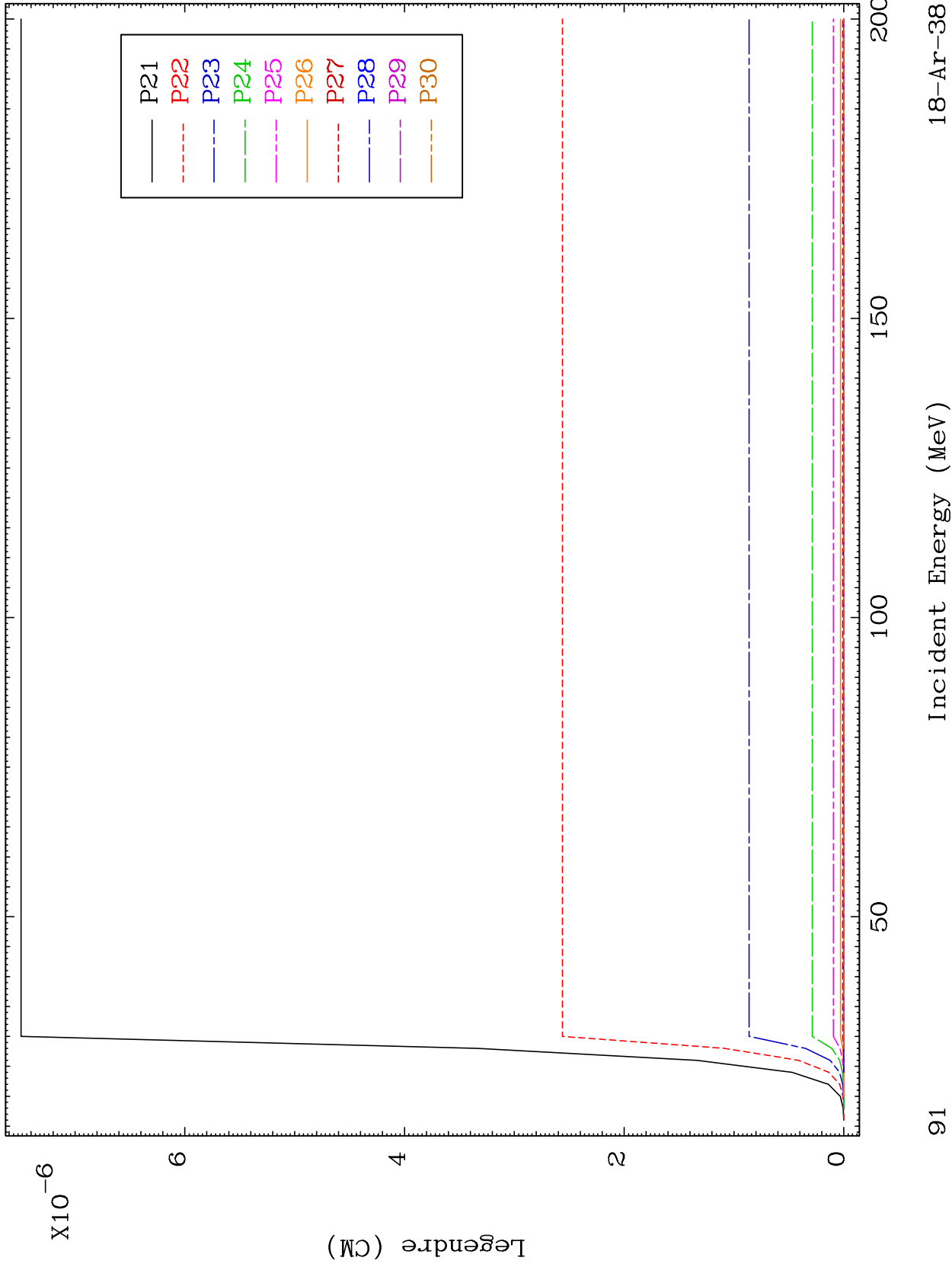
200

18-Ar-38

MAT 1831

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

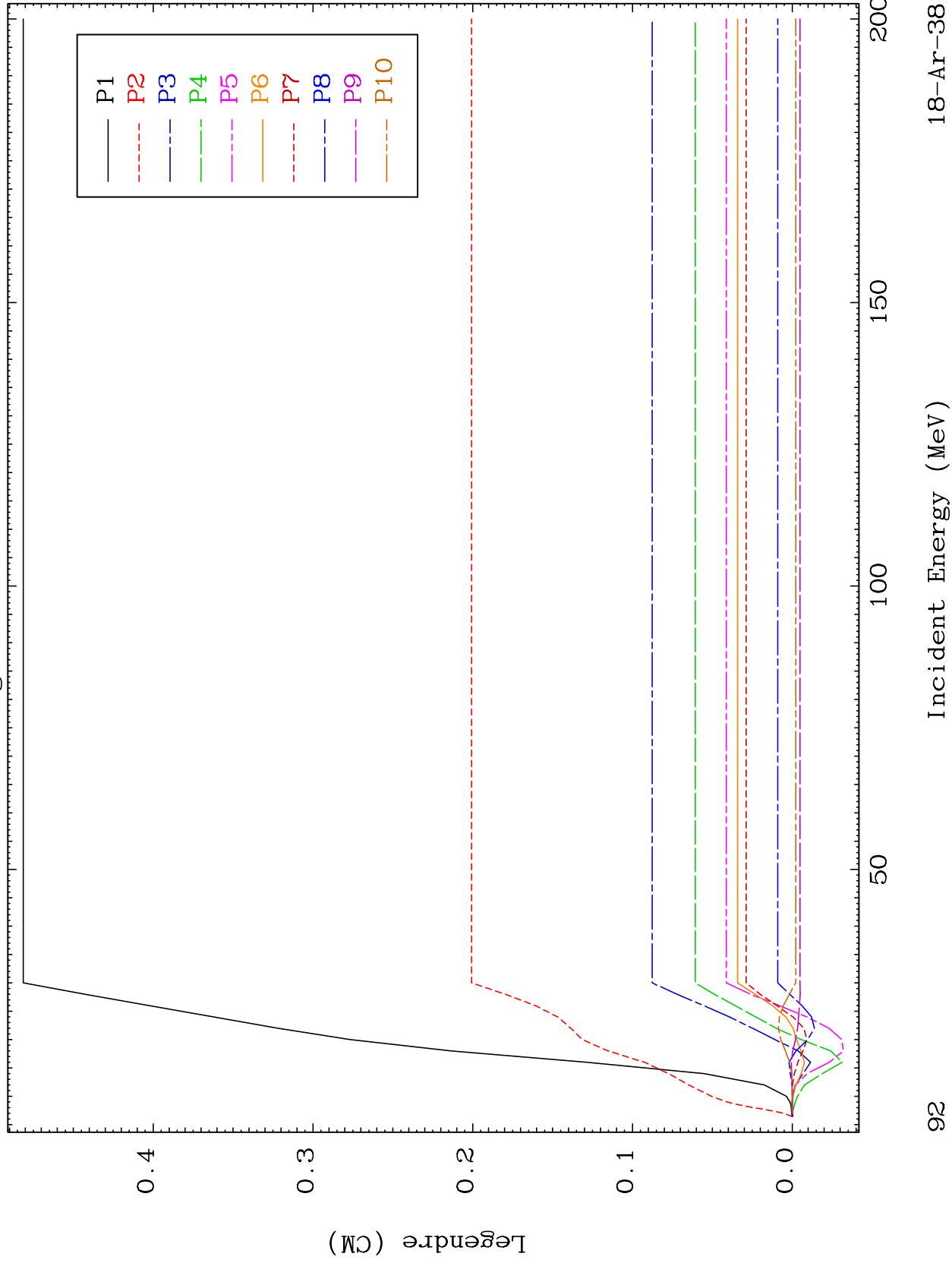
18-Ar-38



MAT 1831

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

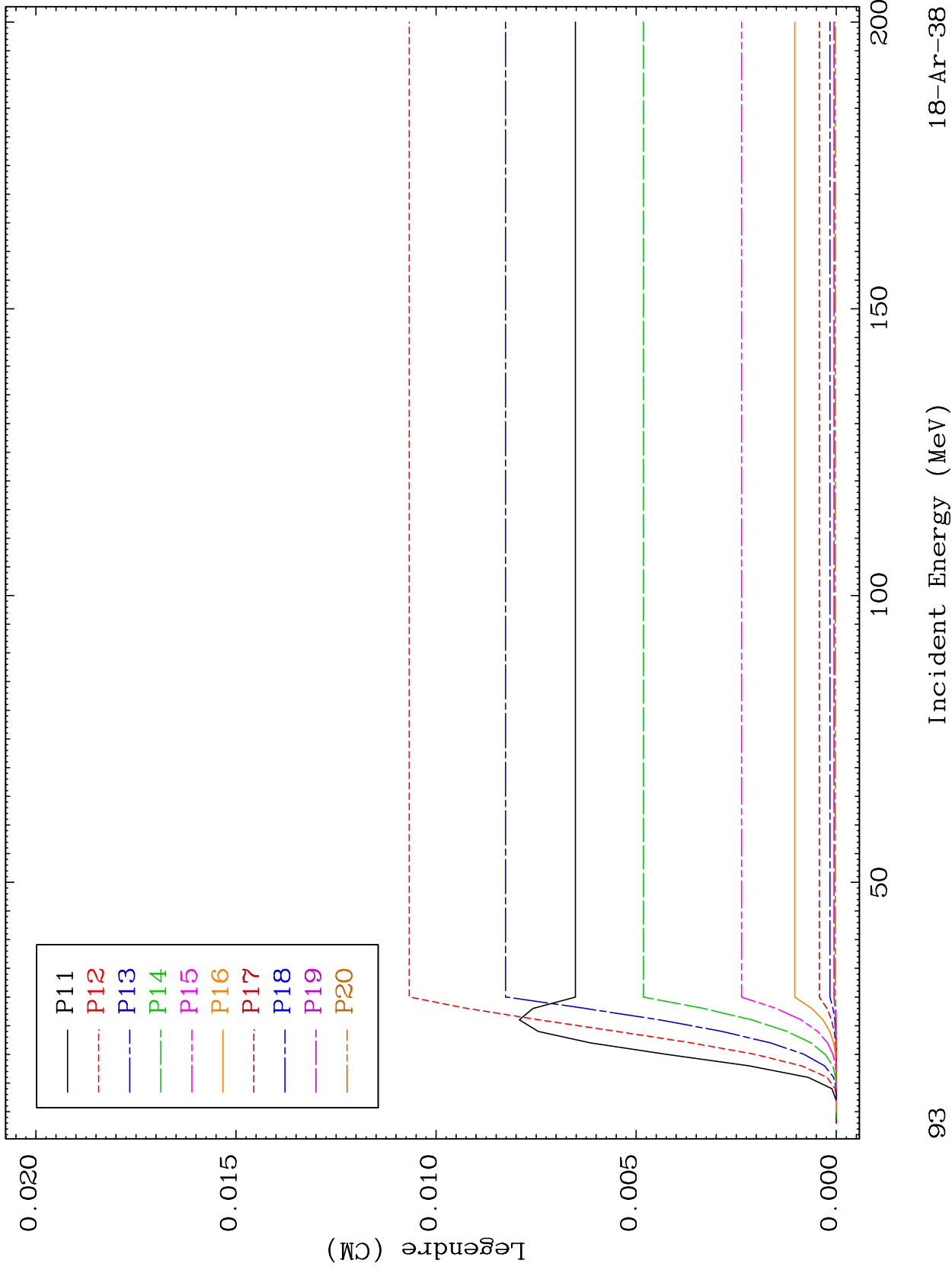
18-Ar-38



MAT 1831

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

18-Ar-38

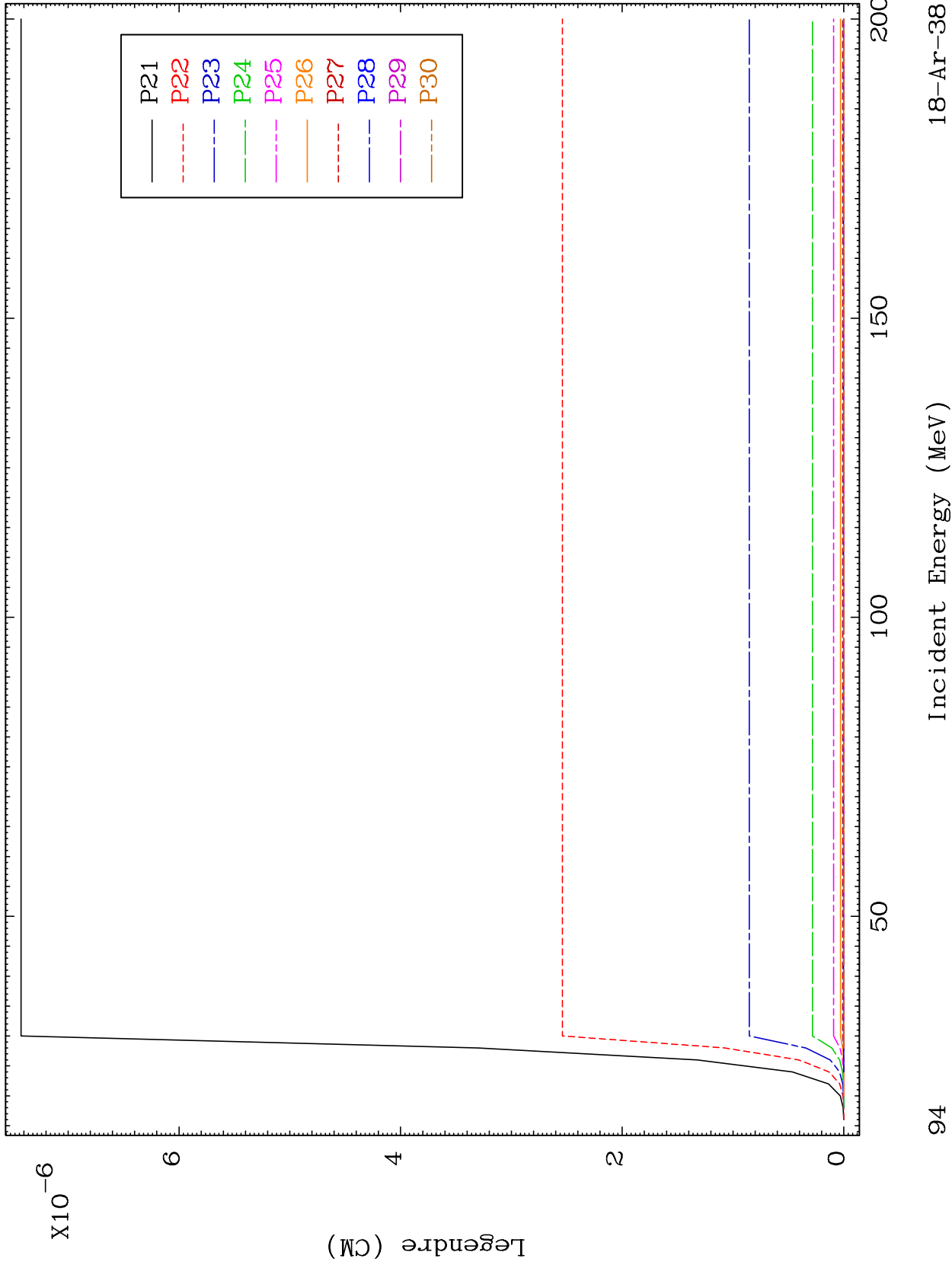


93

MAT 1831

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

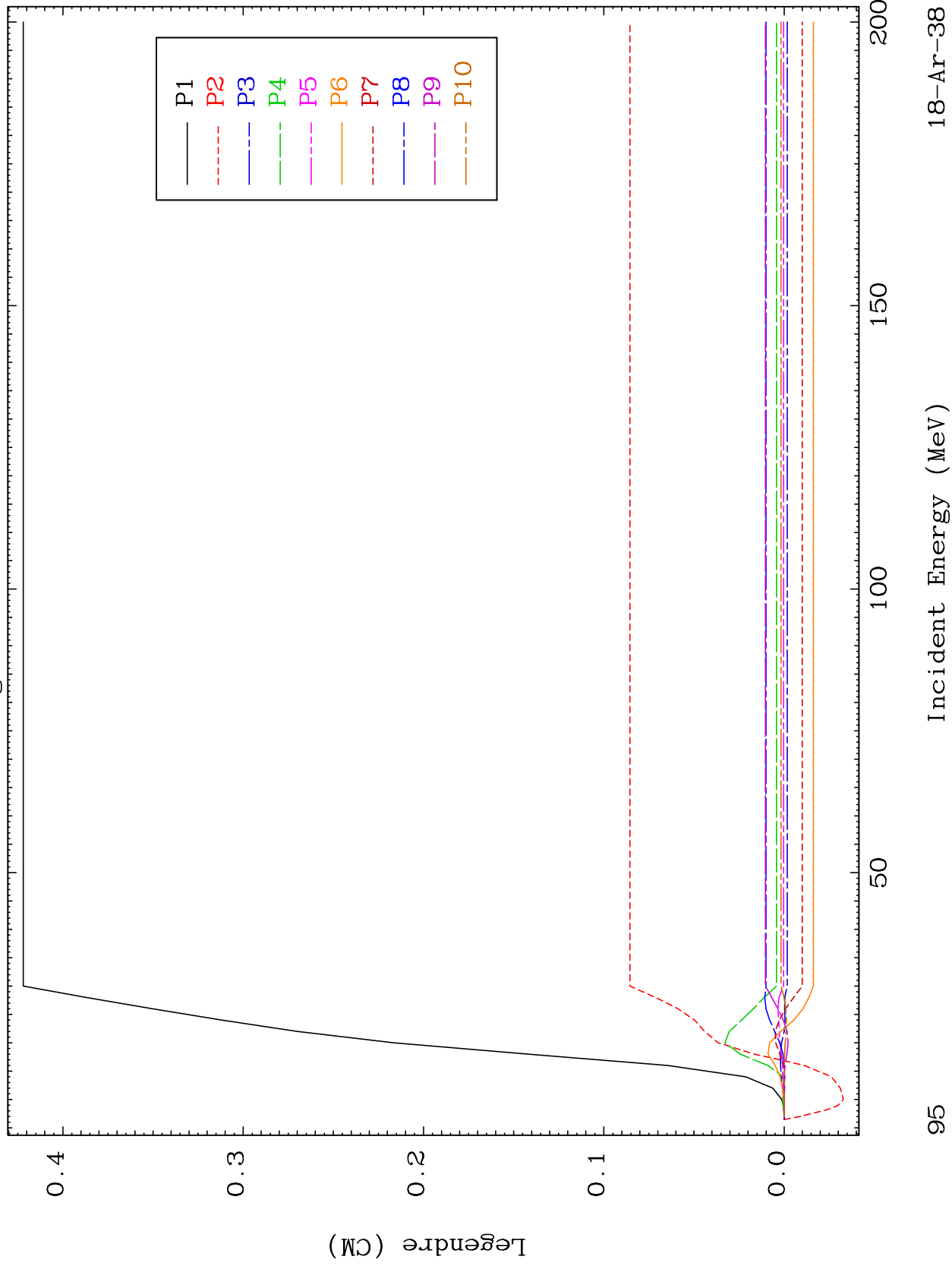
18-Ar-38

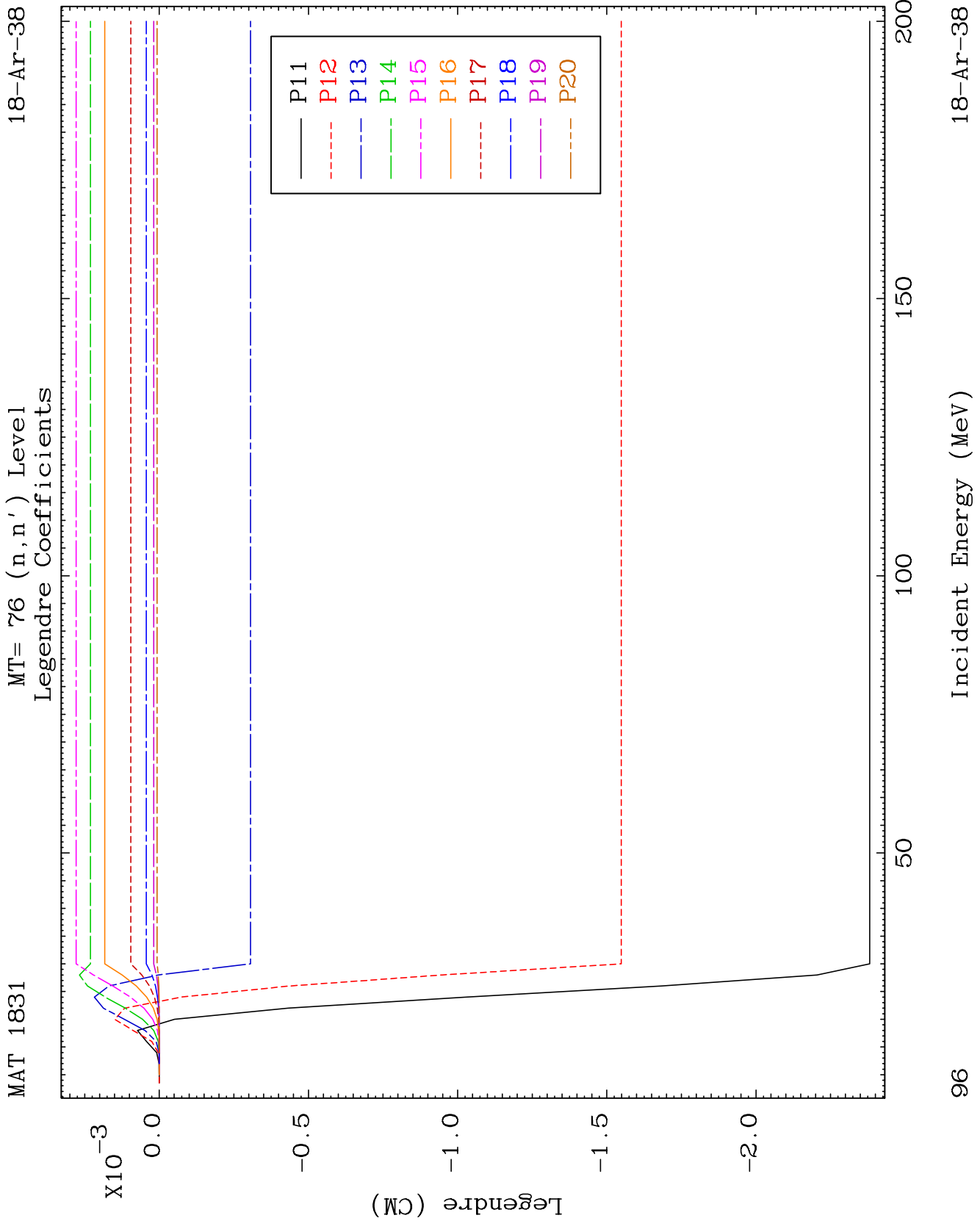


MAT 1831

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

18-Ar-38

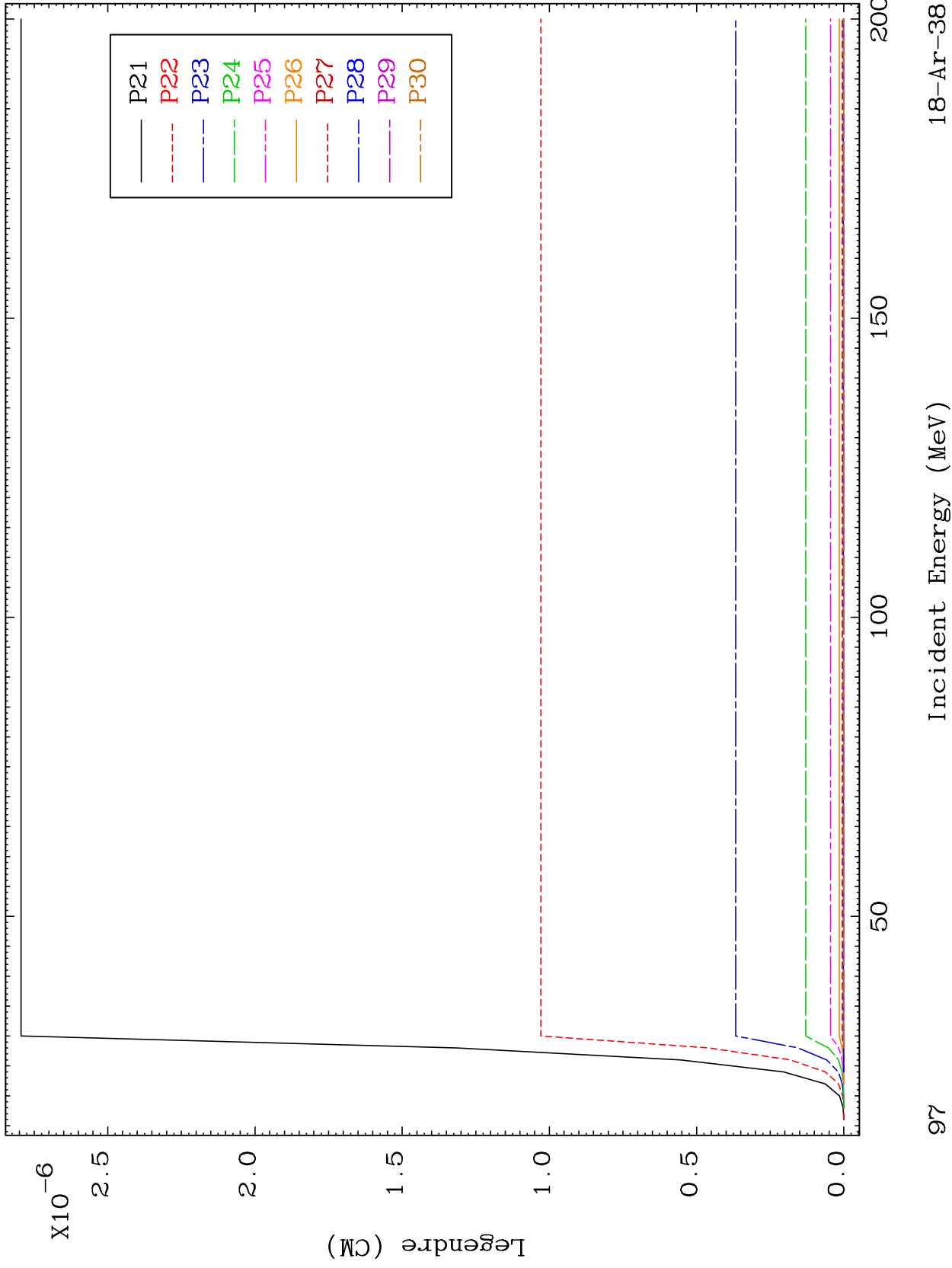


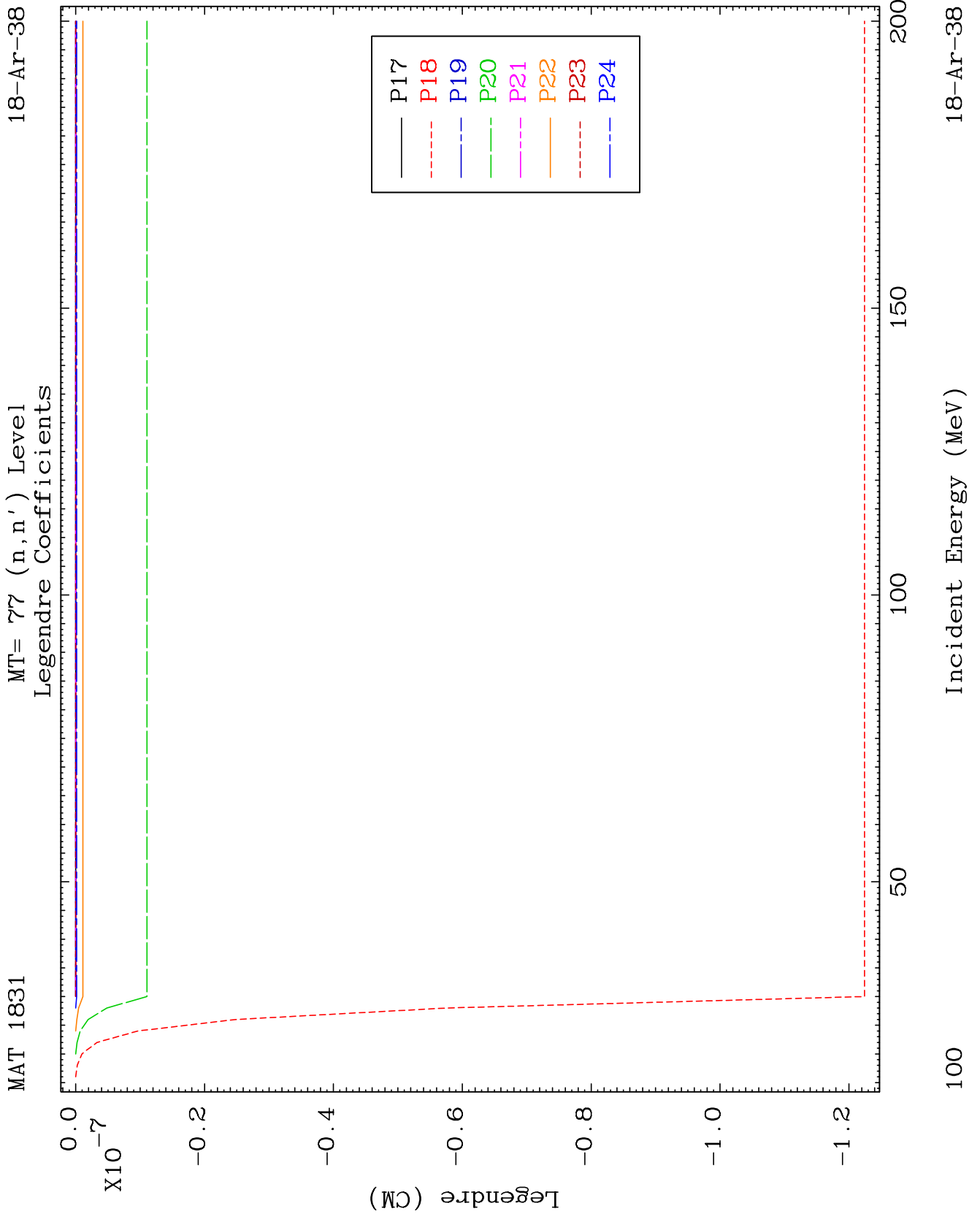


MAT 1831

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

18-Ar-38

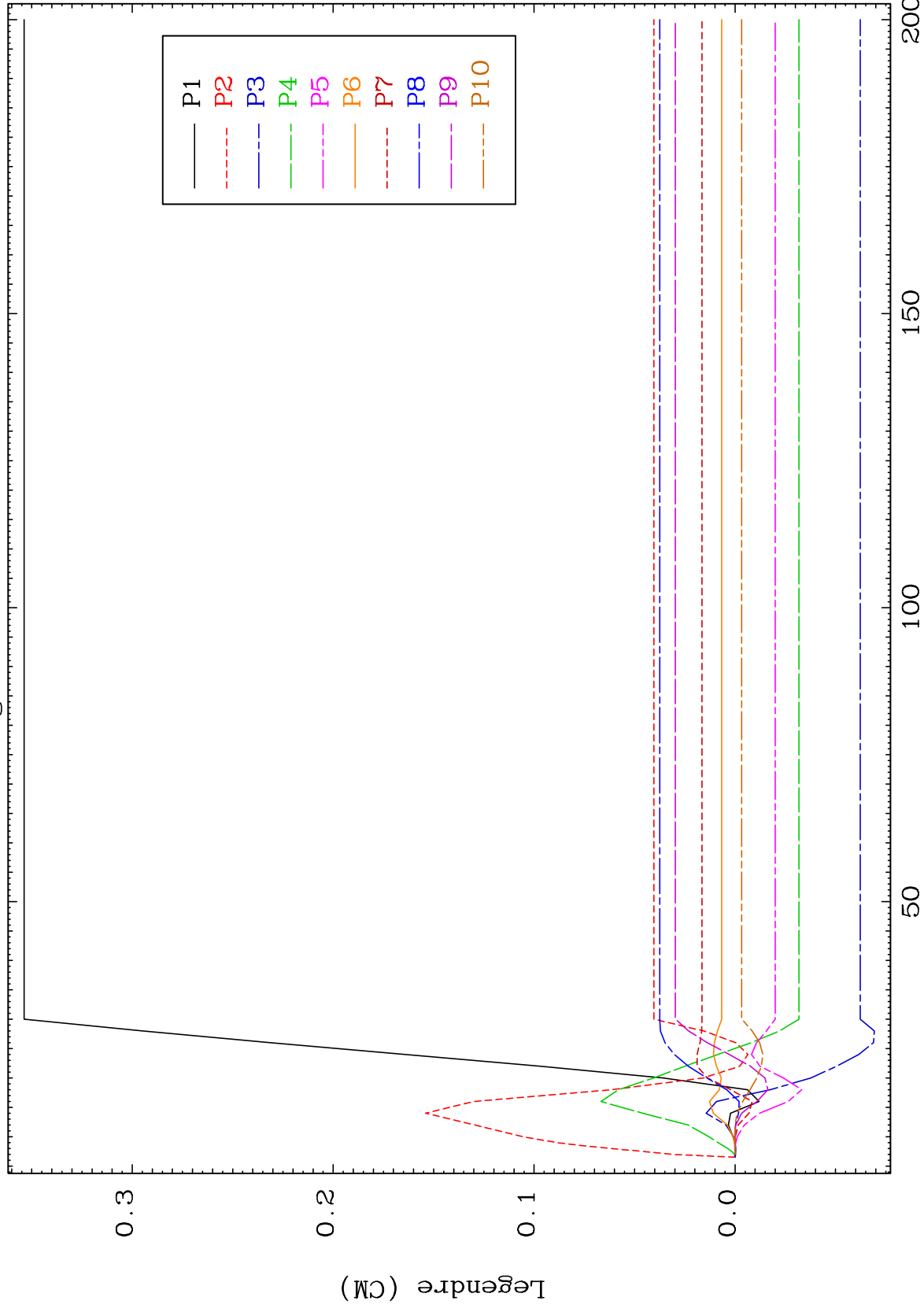




MAT 1831

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

18-Ar-38



101

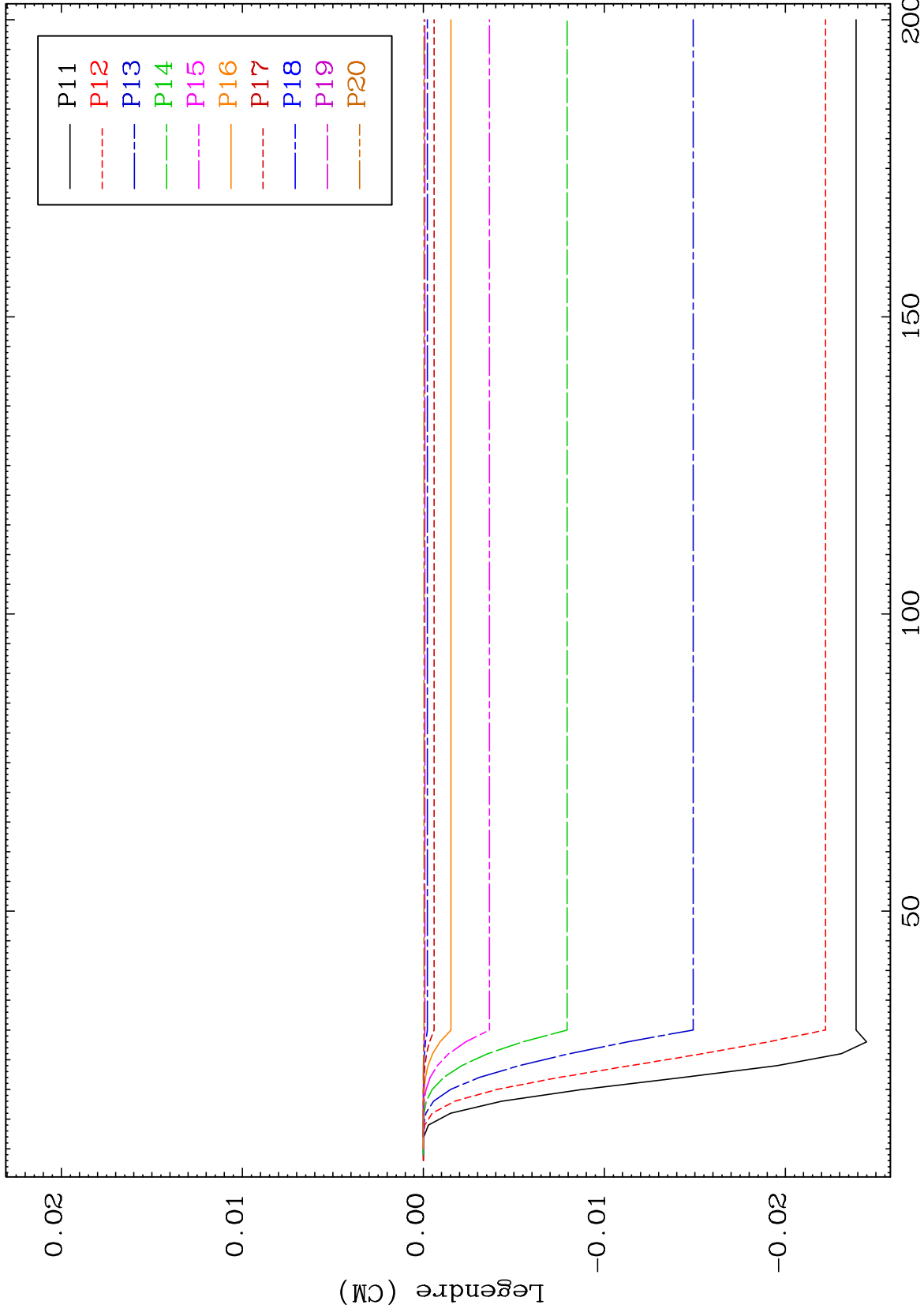
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

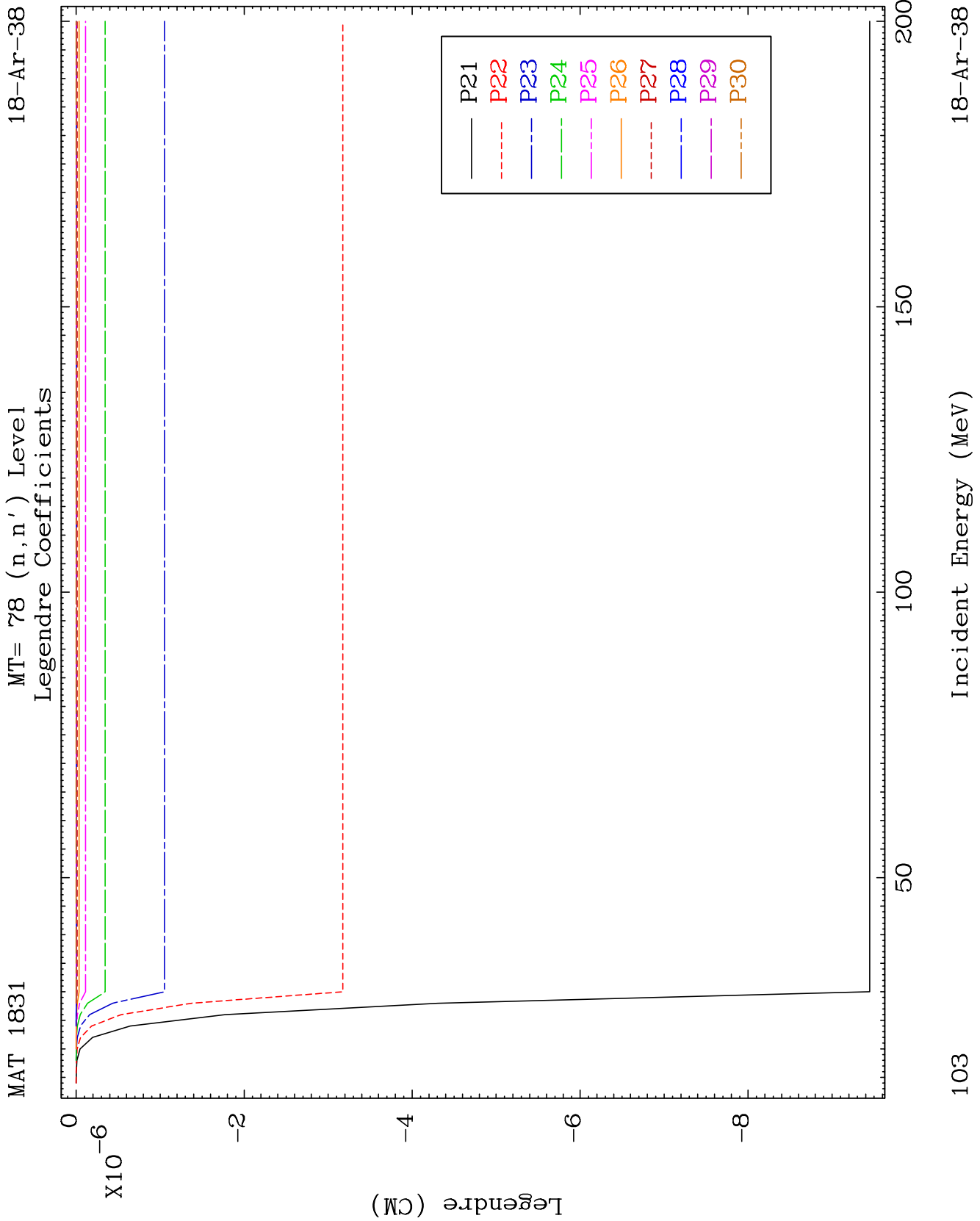
18-Ar-38



102

Incident Energy (MeV)

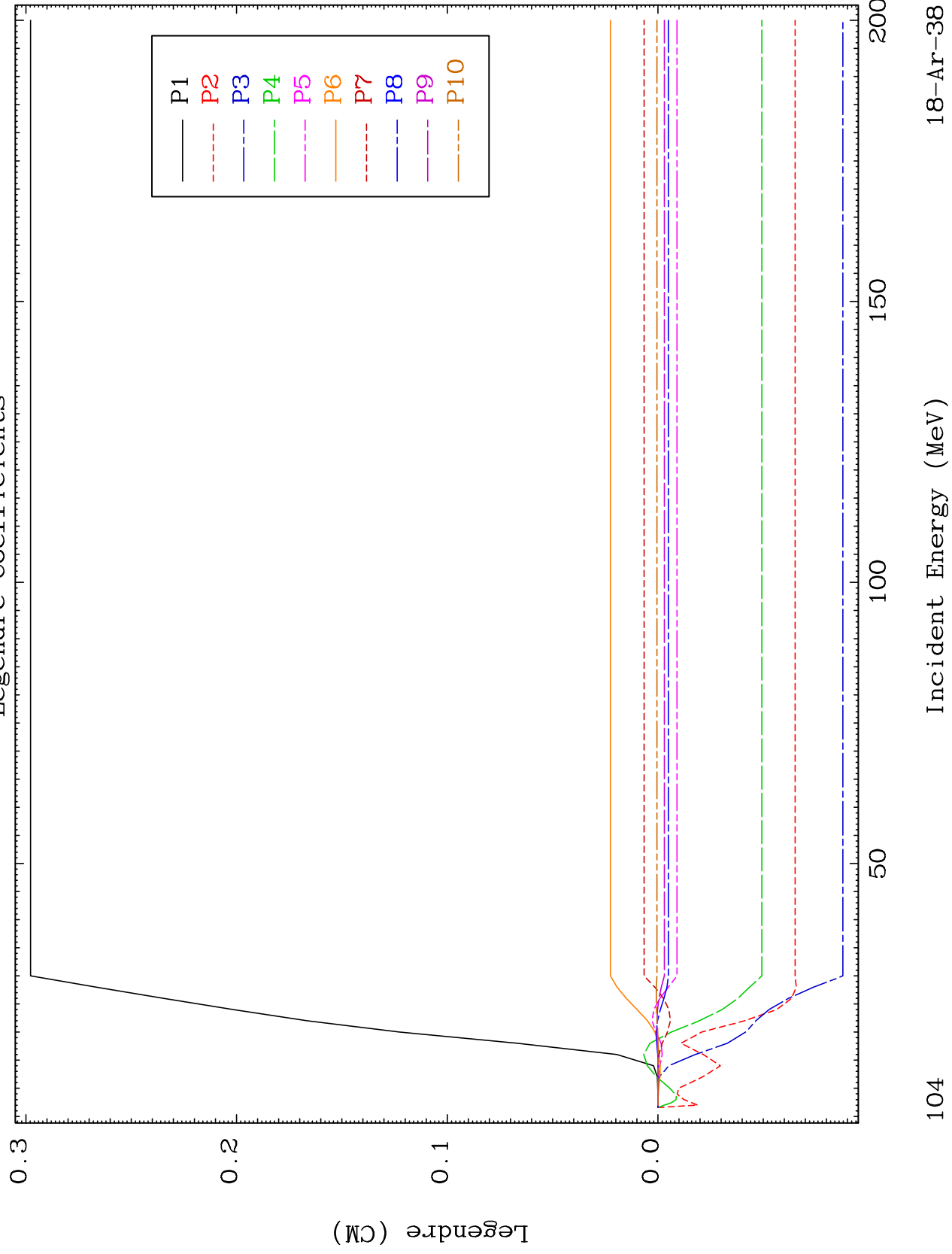
18-Ar-38



MAT 1831

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

18-Ar-38



104

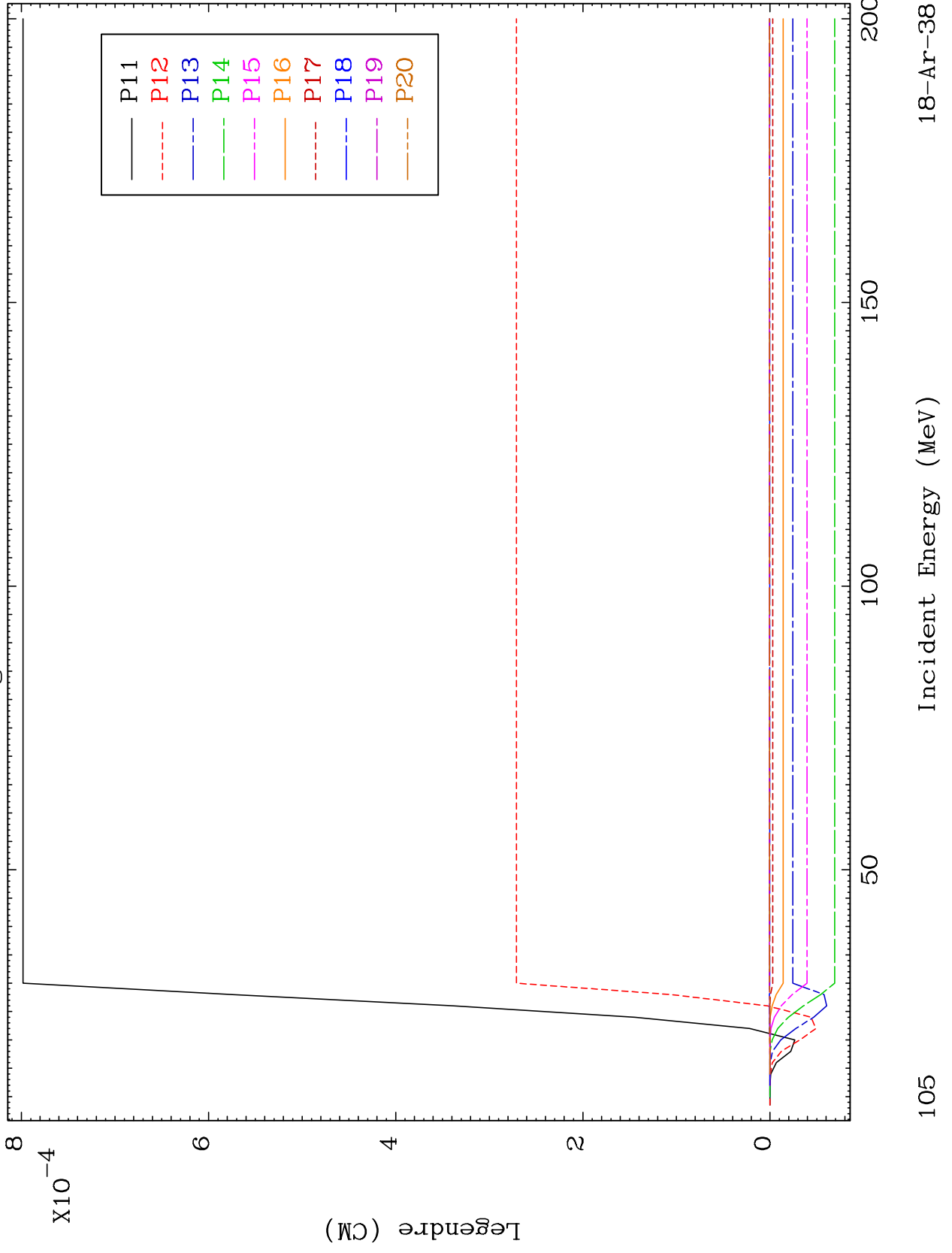
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

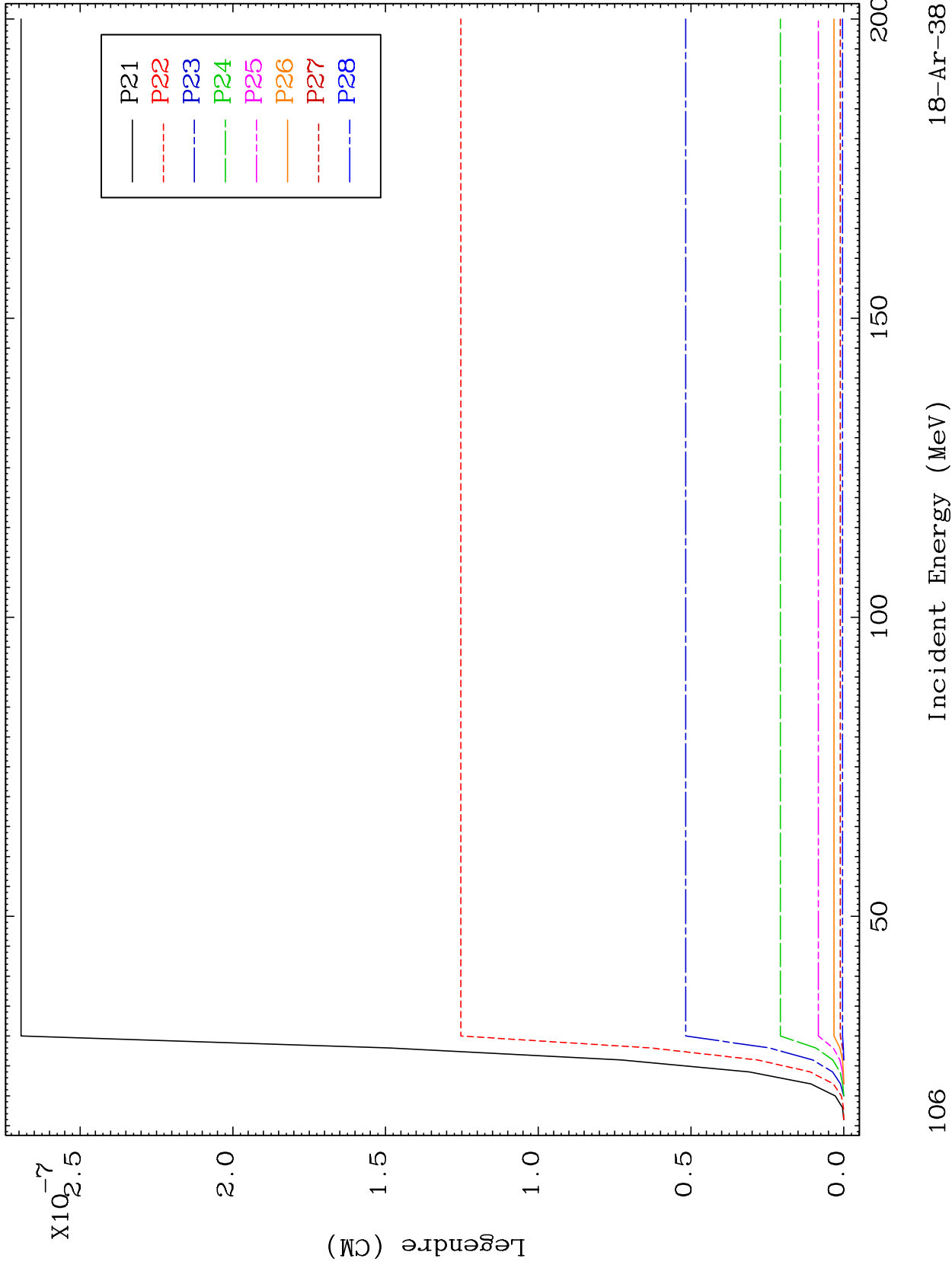
18-Ar-38



MAT 1831

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

18-Ar-38



106

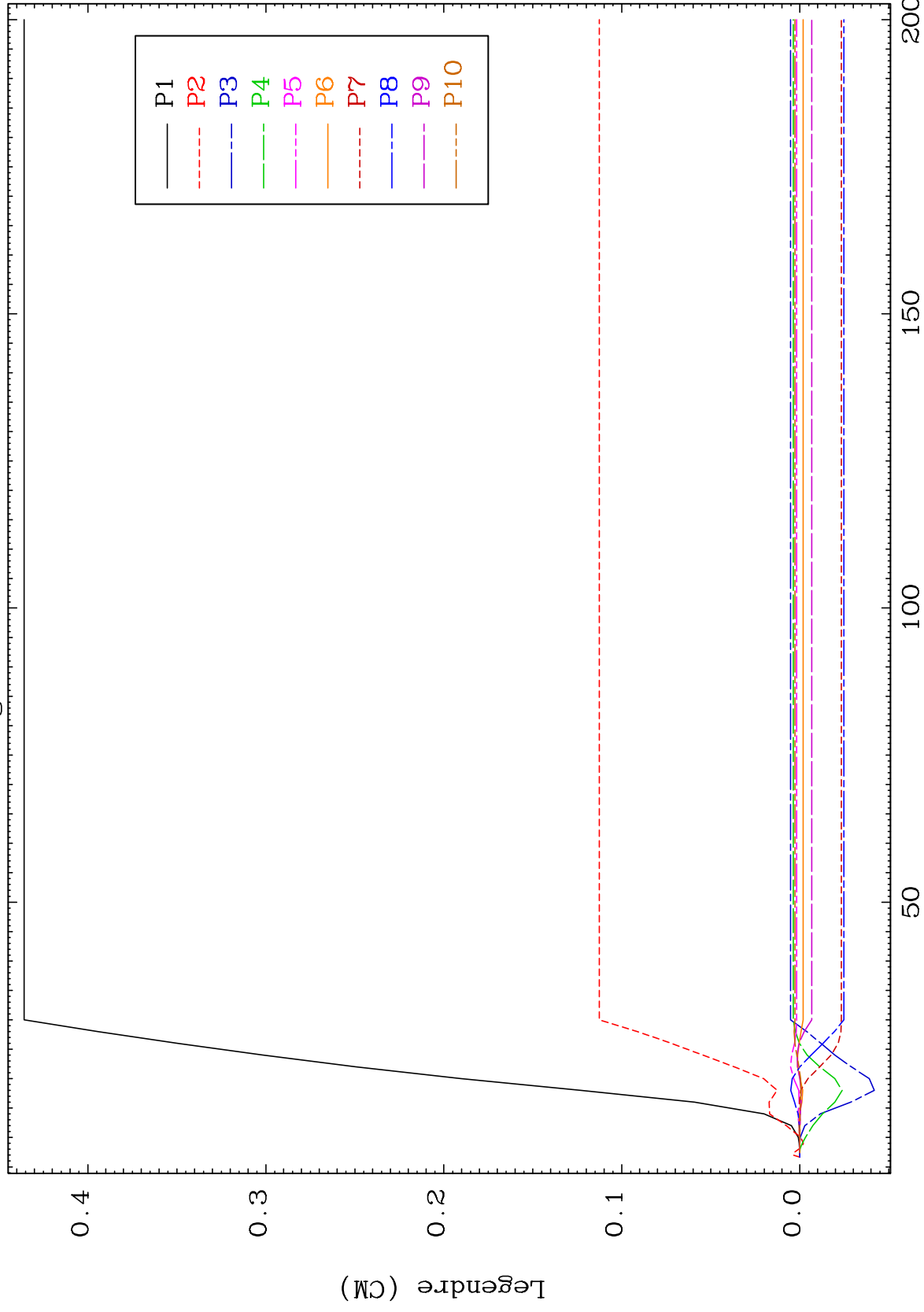
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



107

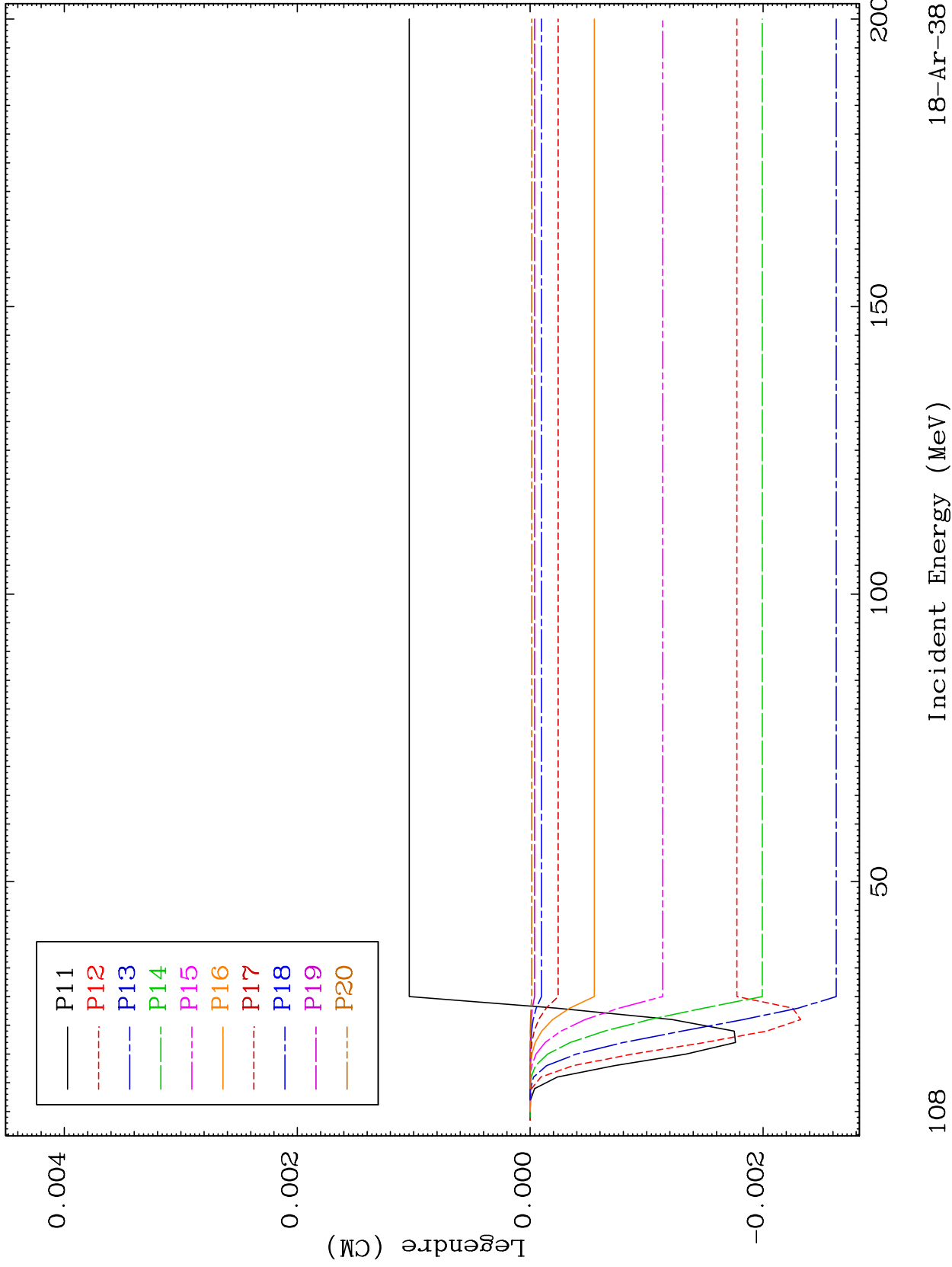
Incident Energy (MeV)

18-Ar-38

MAT 1831

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

18-Ar-38



108

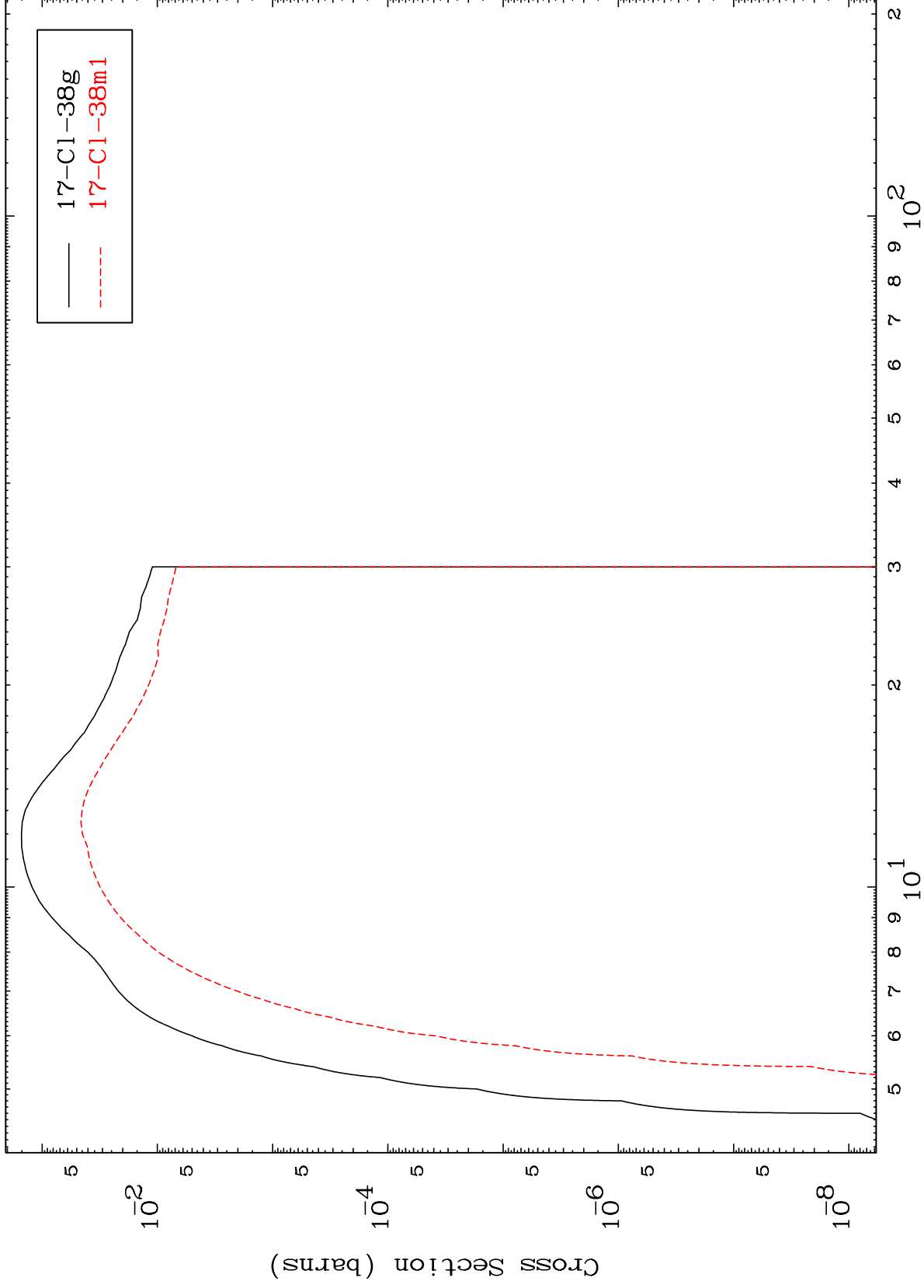
Incident Energy (MeV)

18-Ar-38

MAT 1831

18-Ar-38

(n,p)
Radionuclide Production Cross Section



18-Ar-38

Incident Energy (MeV)

110