

Program EVALPLOT
(Version 2018-1)

by

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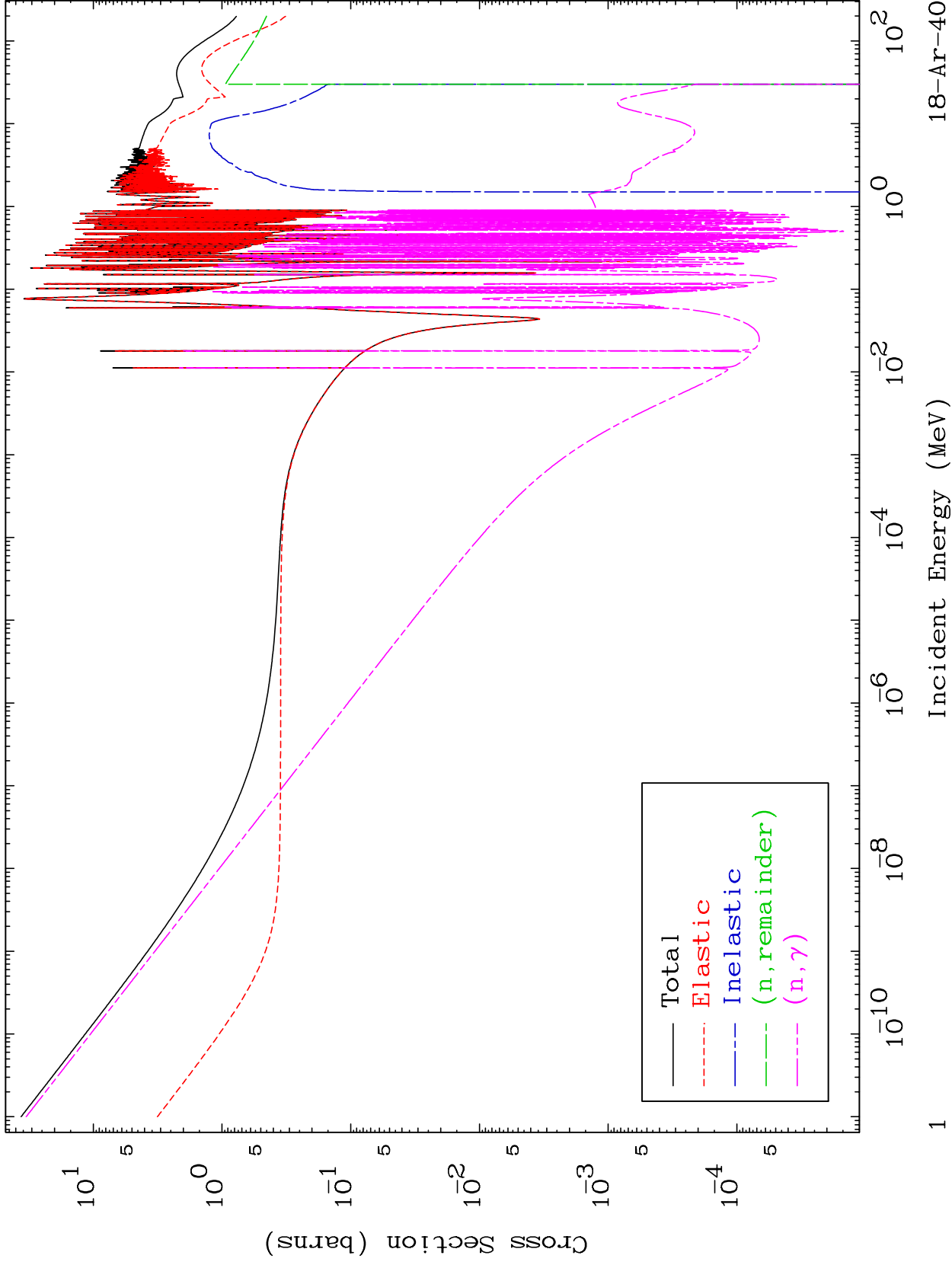
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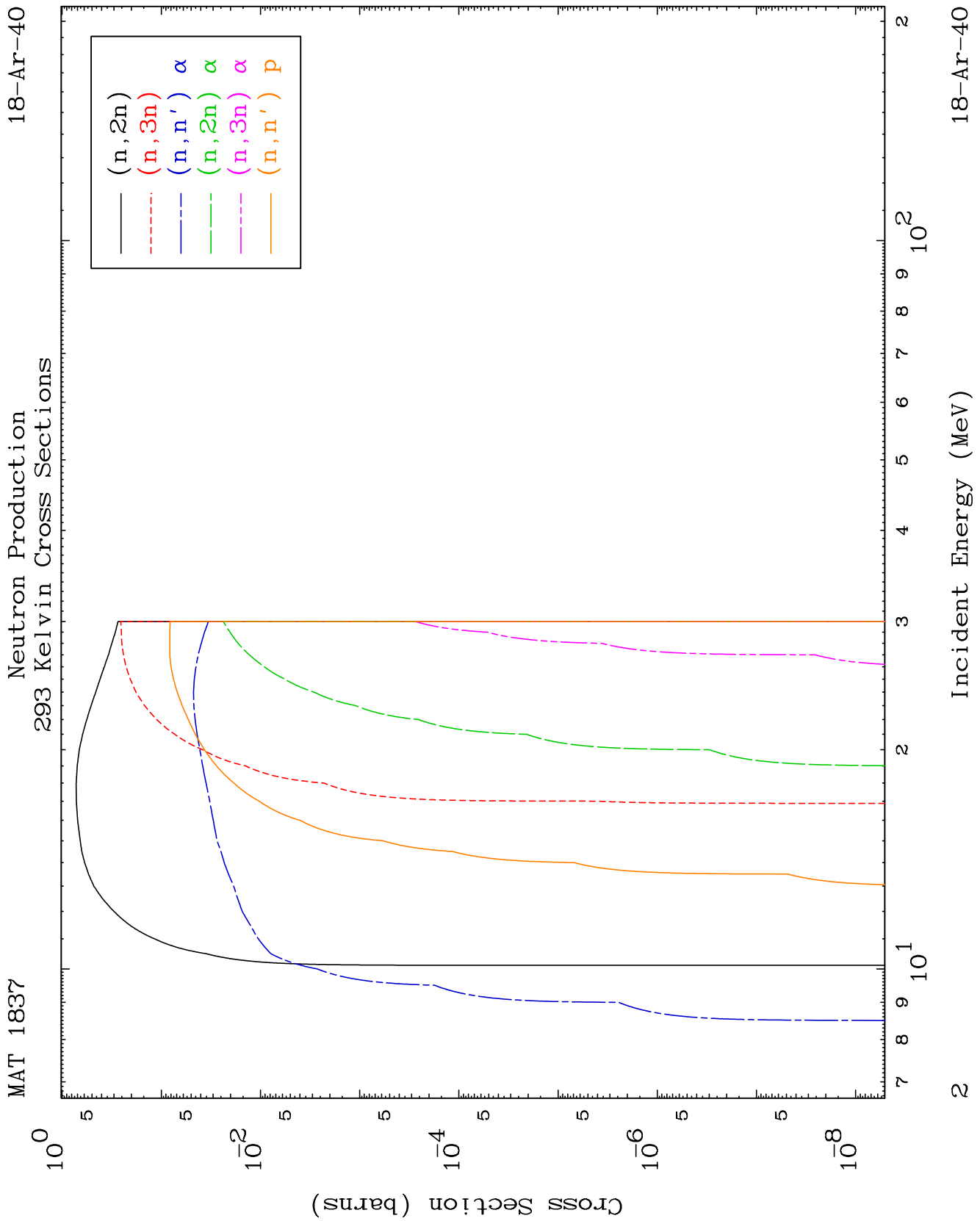
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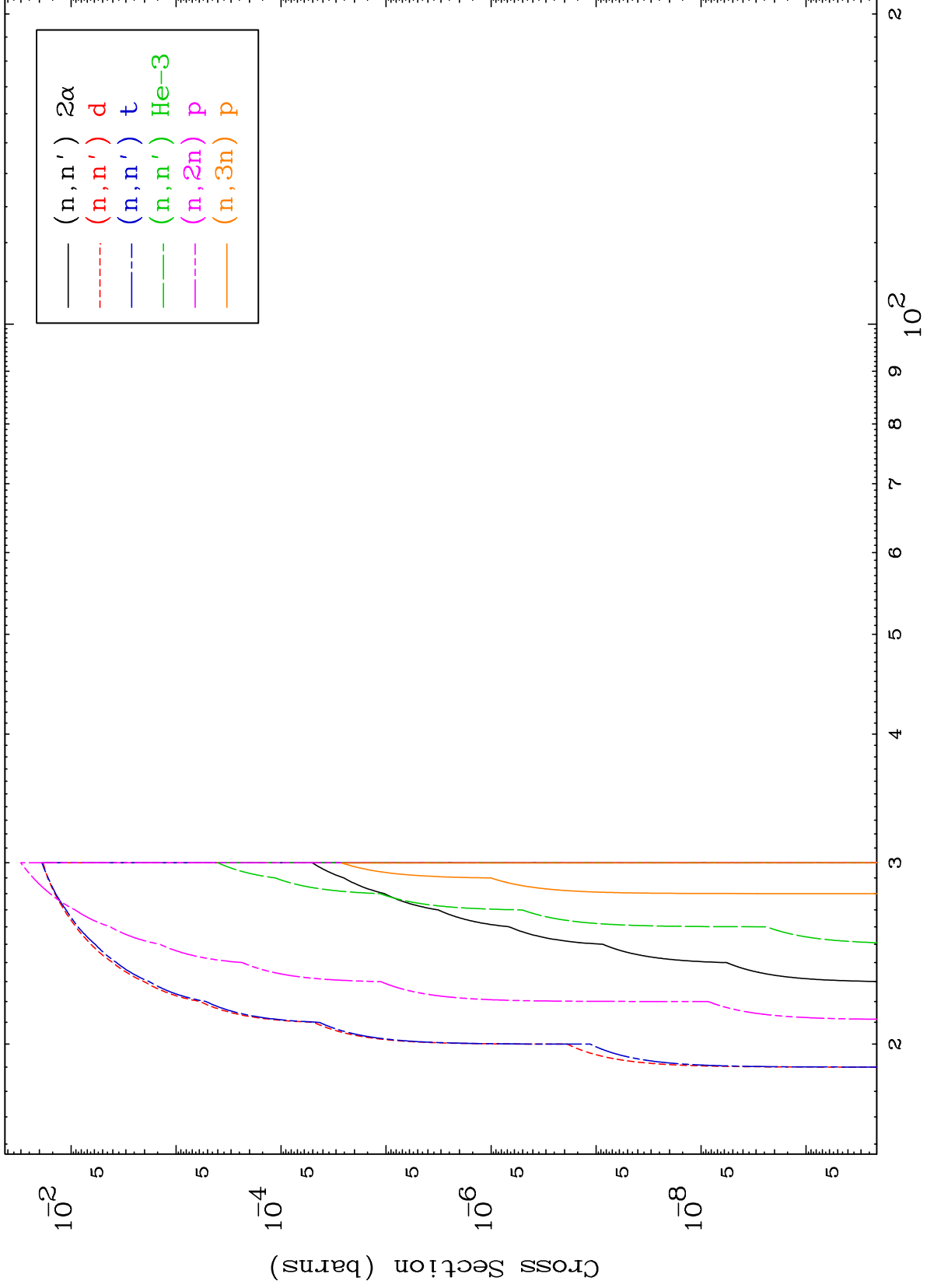
MAT 1837

Major
293 Kelvin Cross Sections

18-Ar-40



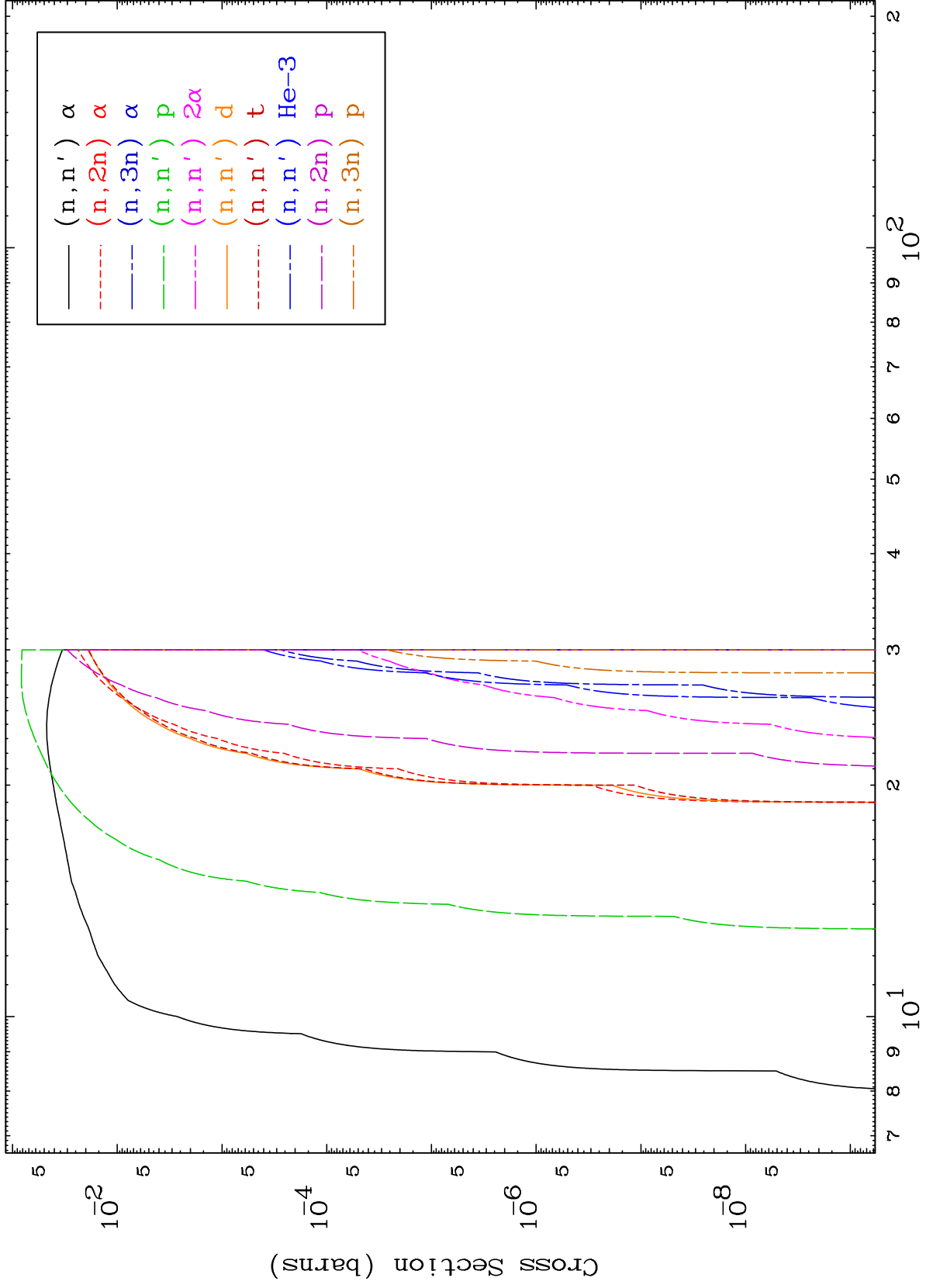




MAT 1837

Charged Particle
293 Kelvin Cross Sections

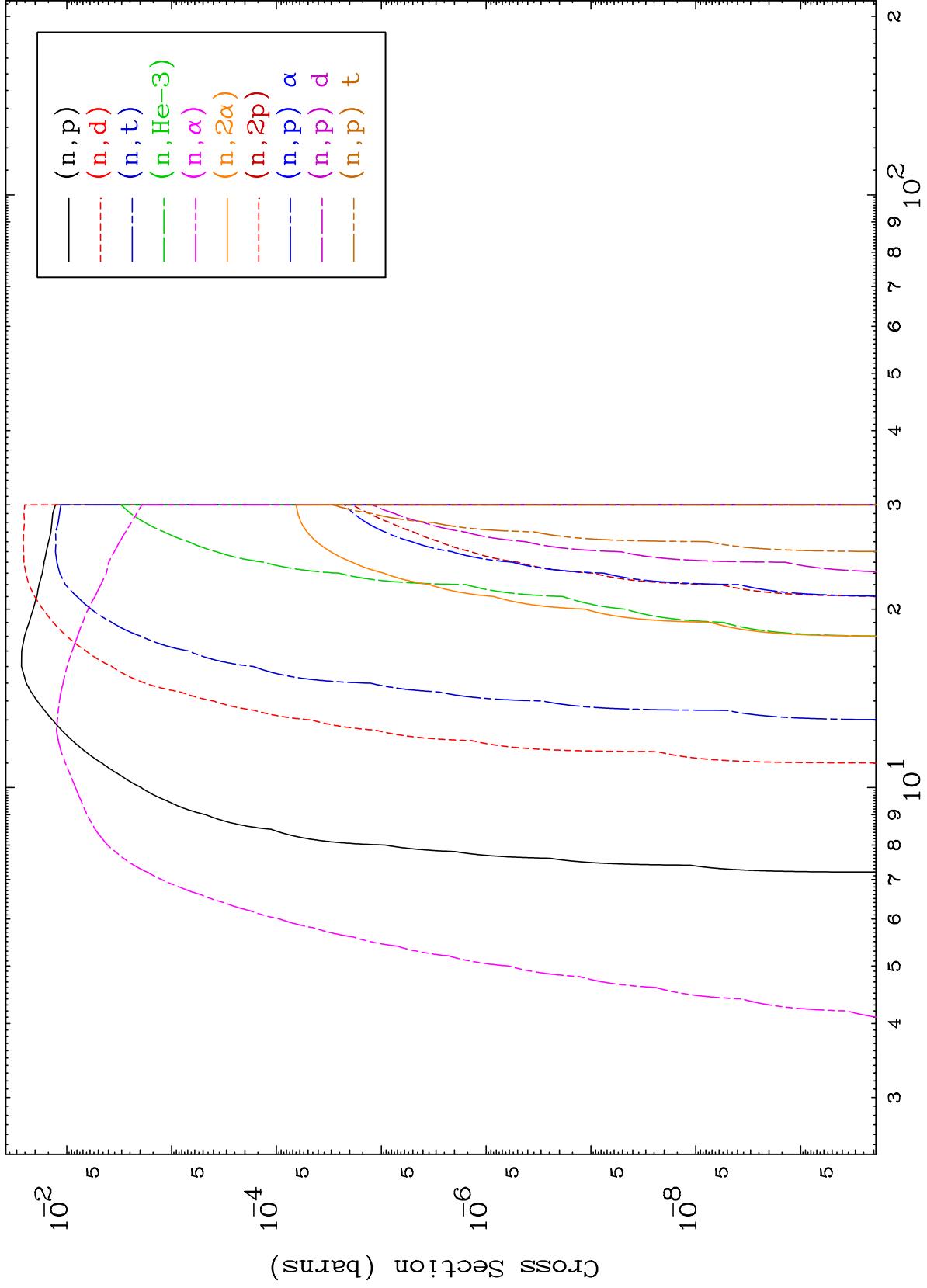
18-Ar-40

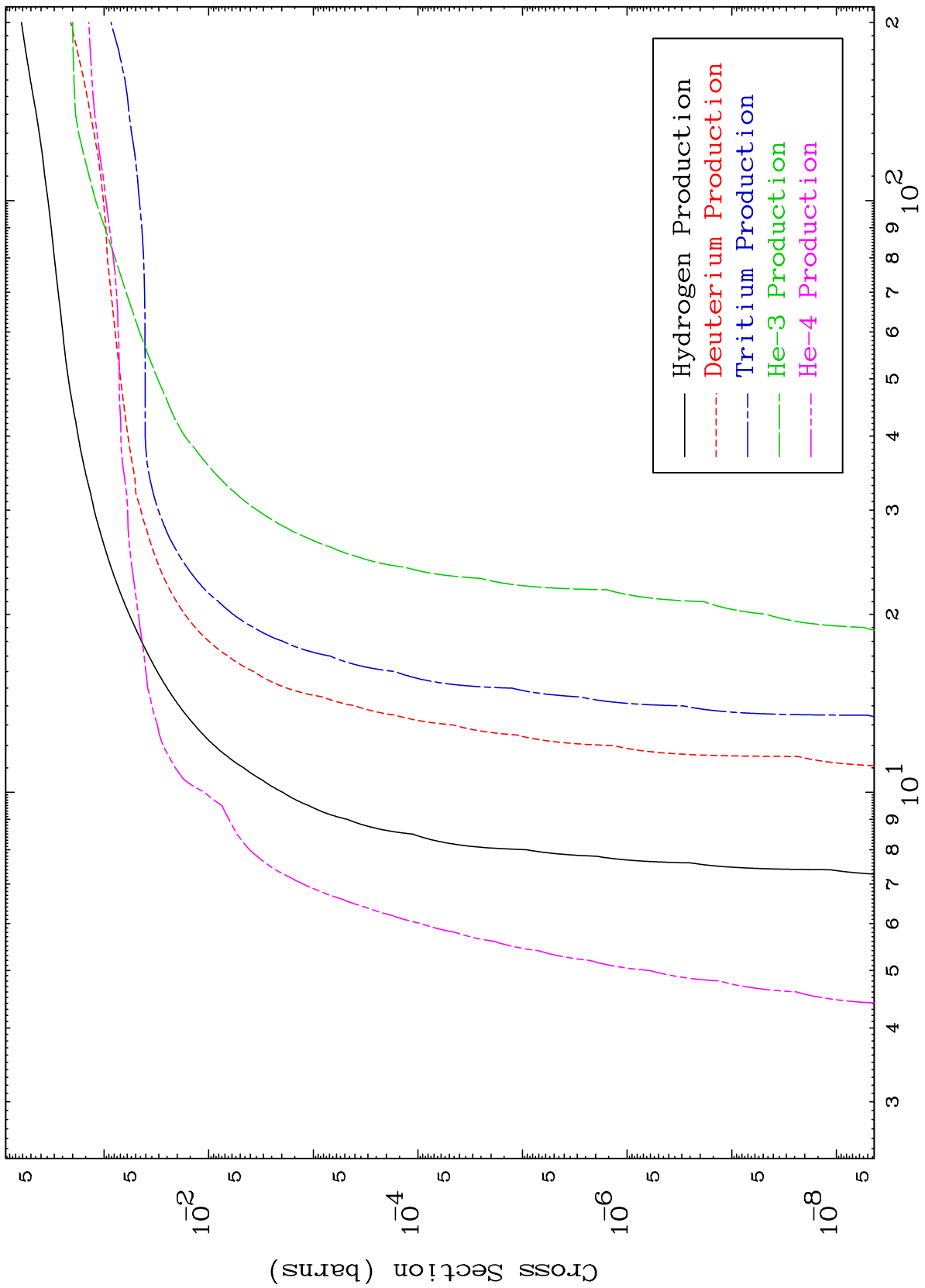


4

Incident Energy (MeV)

18-Ar-40



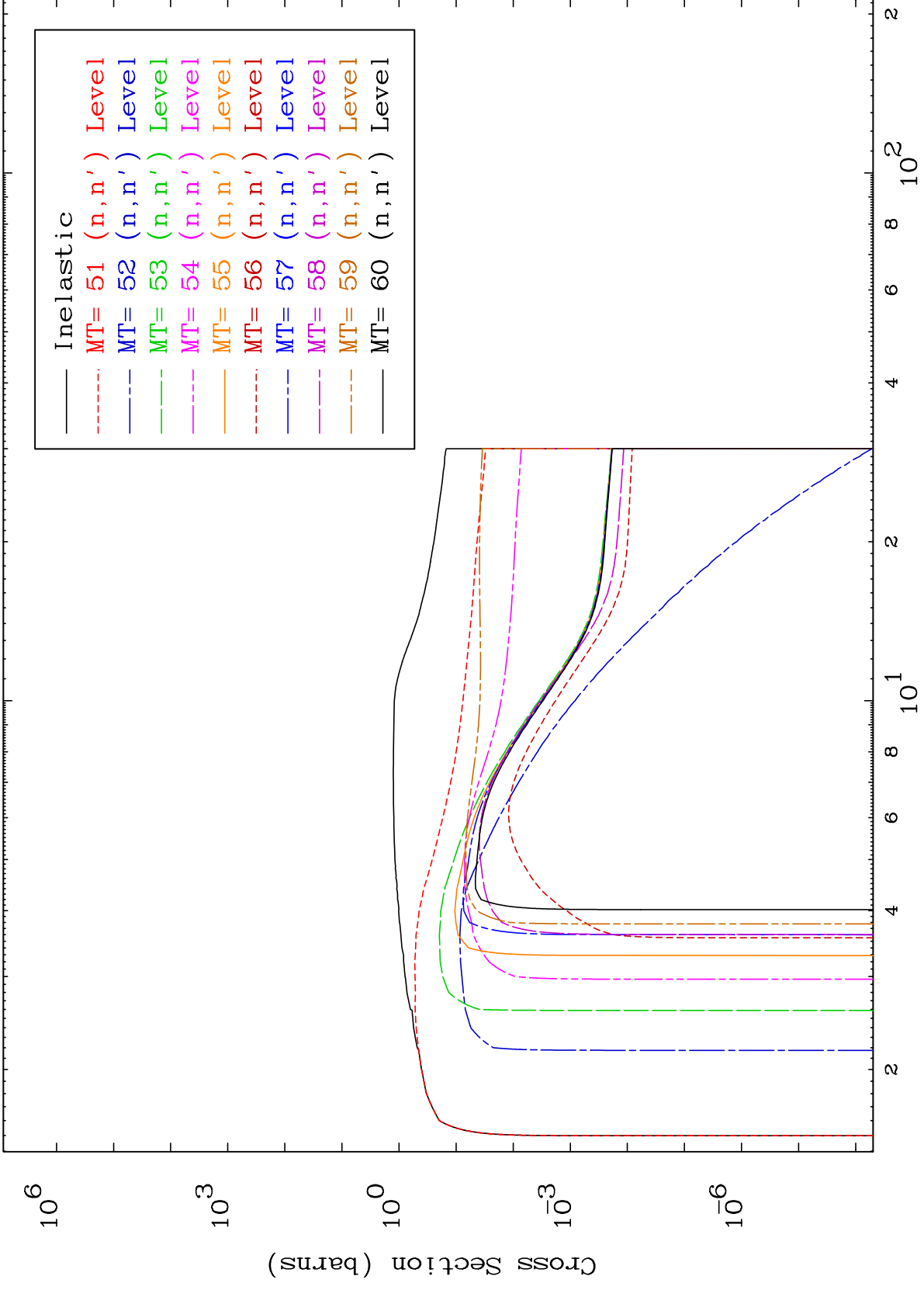


MAT 1837

(n,n') Level

18-Ar-40

293 Kelvin Cross Sections

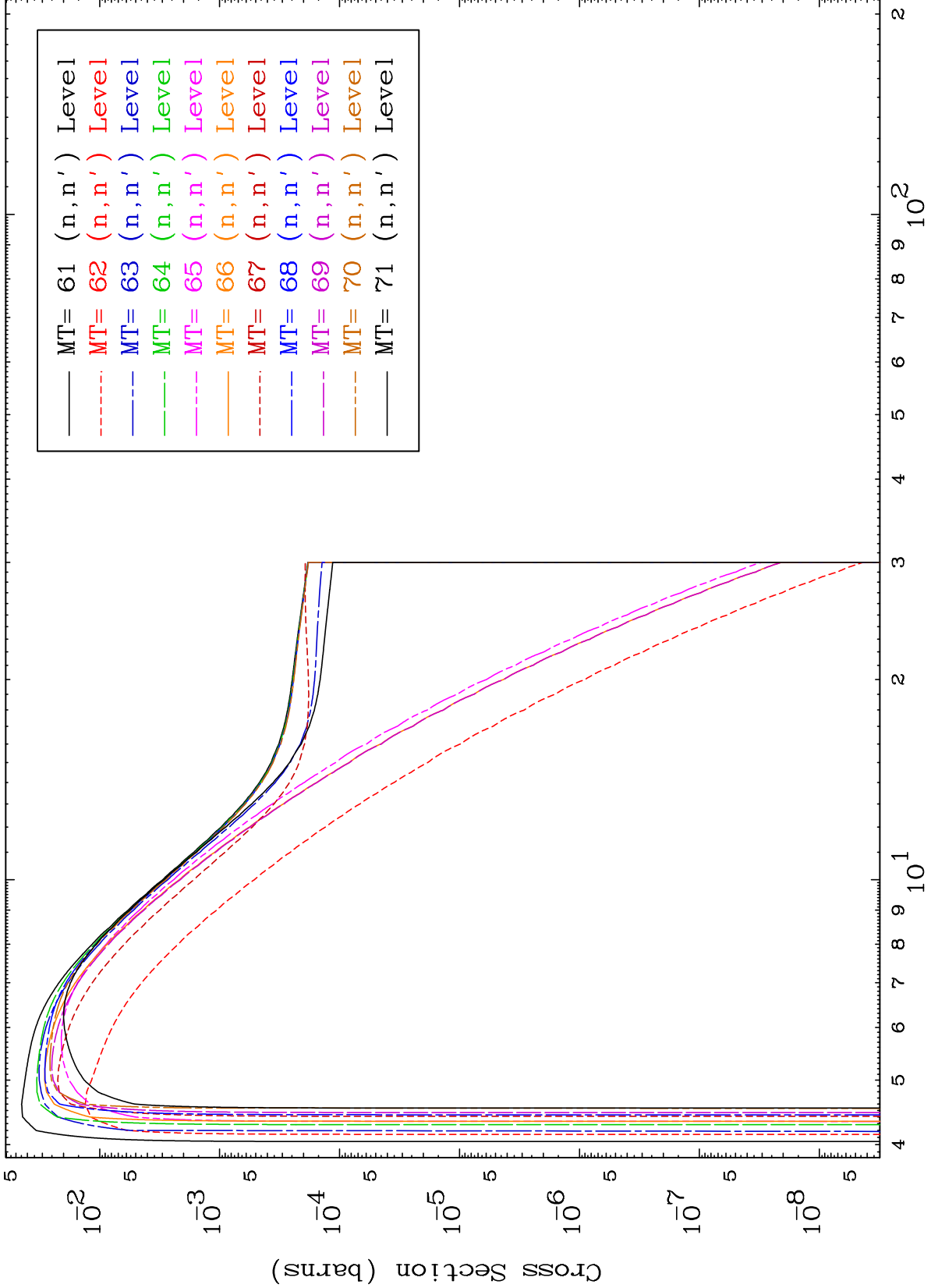


MAT 1837

(n,n') Level

18-Ar-40

293 Kelvin Cross Sections



Incident Energy (MeV)

18-Ar-40

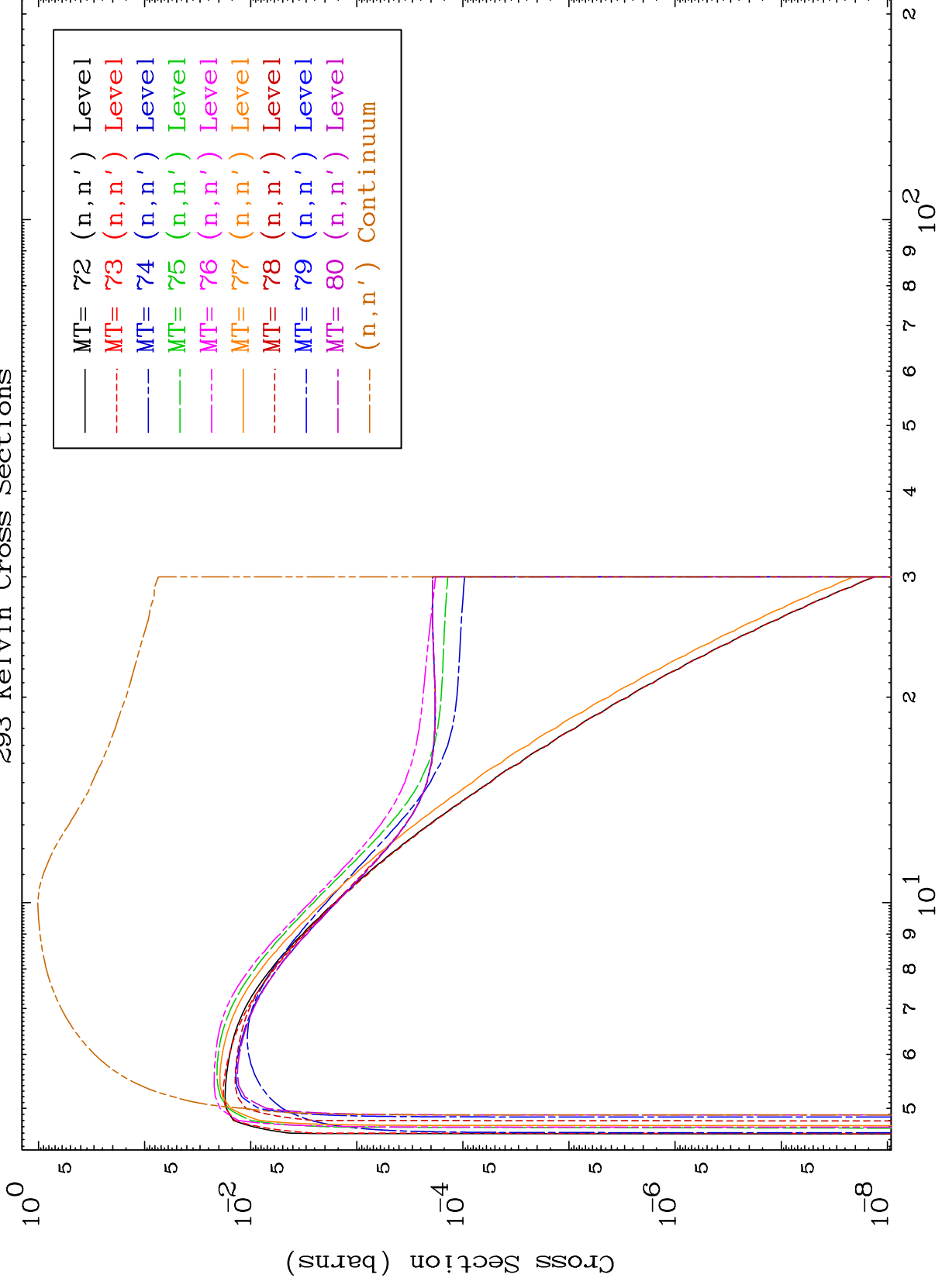
8

MAT 1837

(n,n') Level

18-Ar-40

293 Kelvin Cross Sections



9

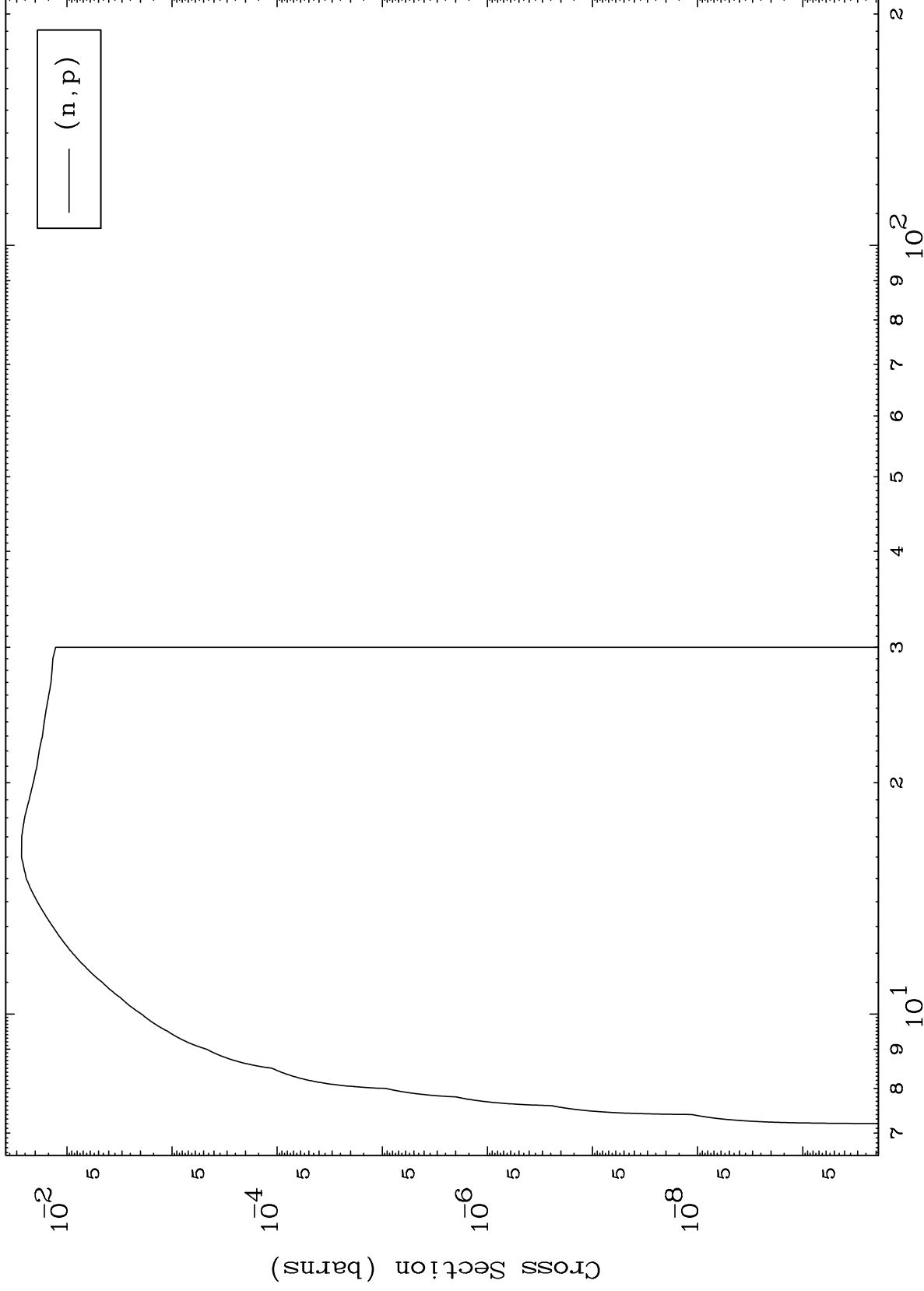
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n,p) Levels
293 Kelvin Cross Sections

18-Ar-40



10

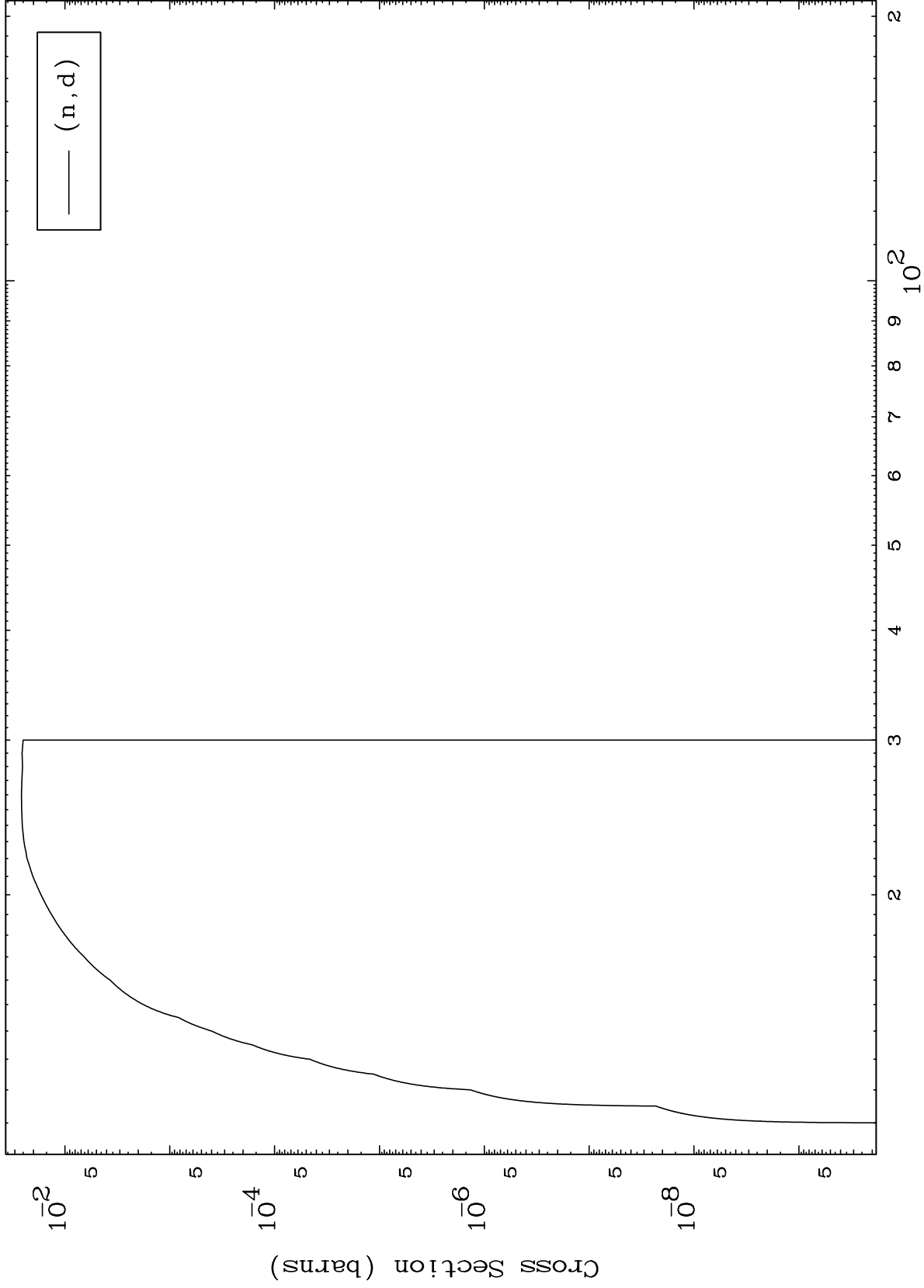
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n,d) Levels
293 Kelvin Cross Sections

18-Ar-40



11

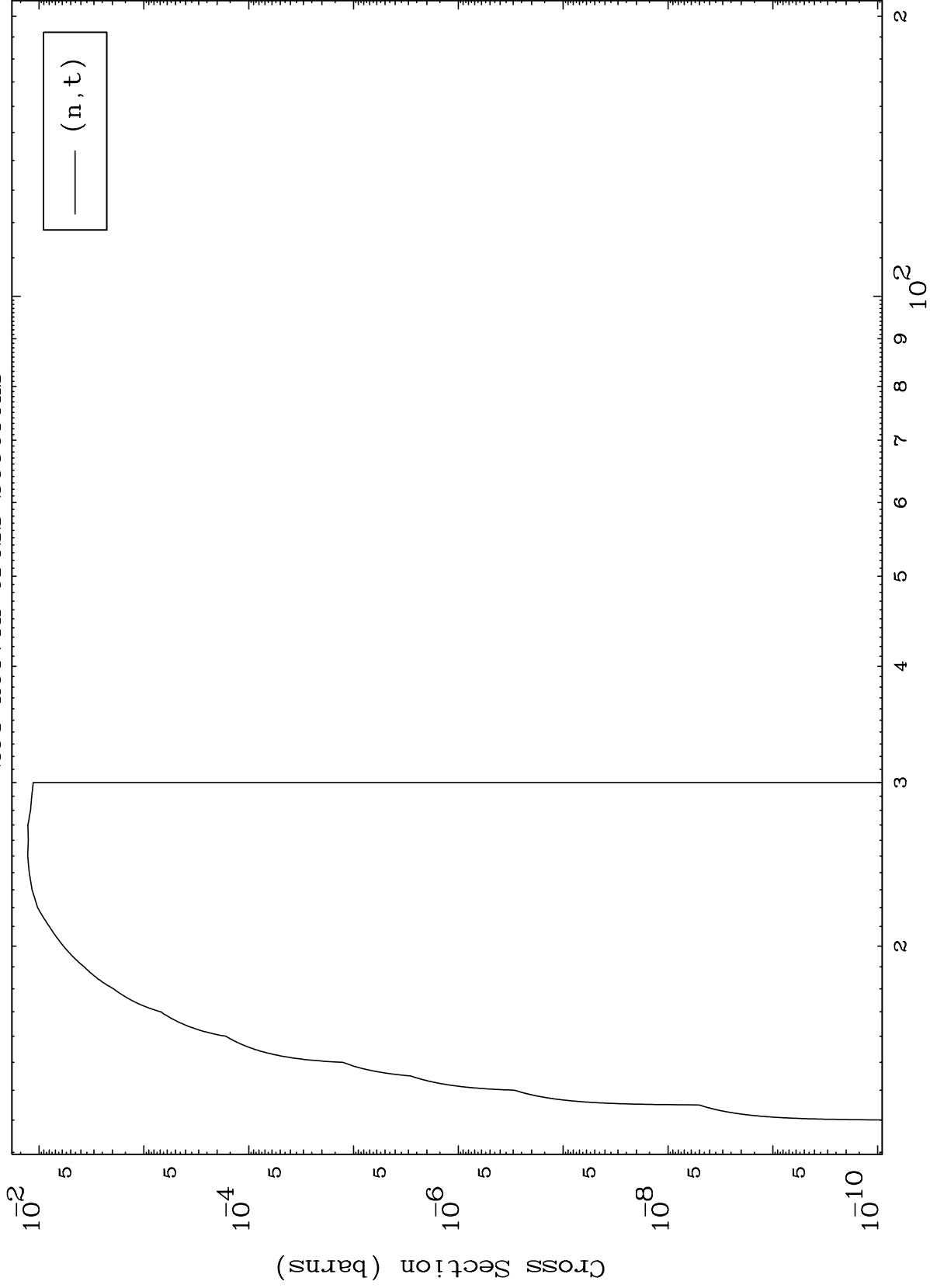
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n,t) Levels
293 Kelvin Cross Sections

18-Ar-40



12

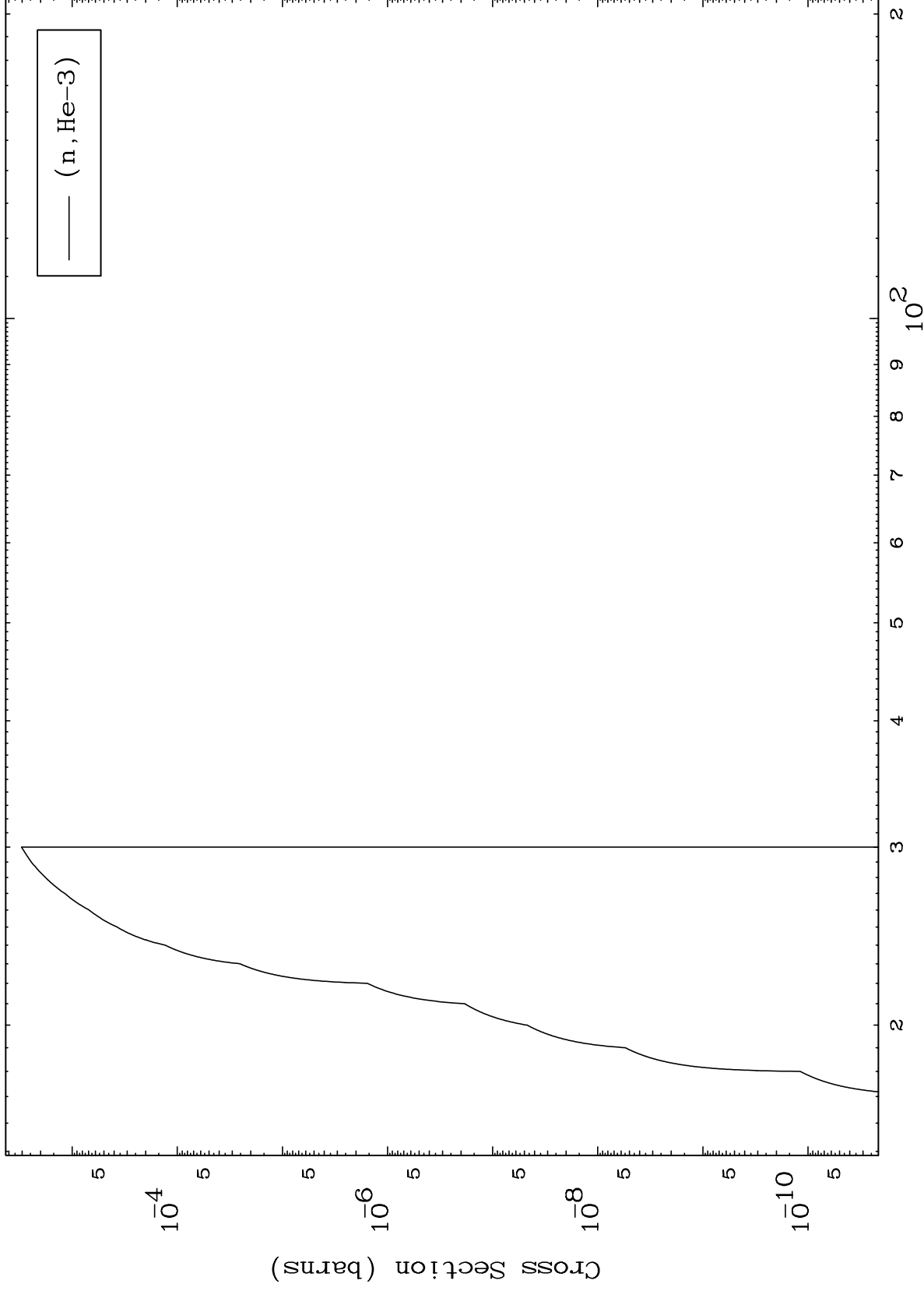
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n,He3) Levels
293 Kelvin Cross Sections

18-Ar-40



13

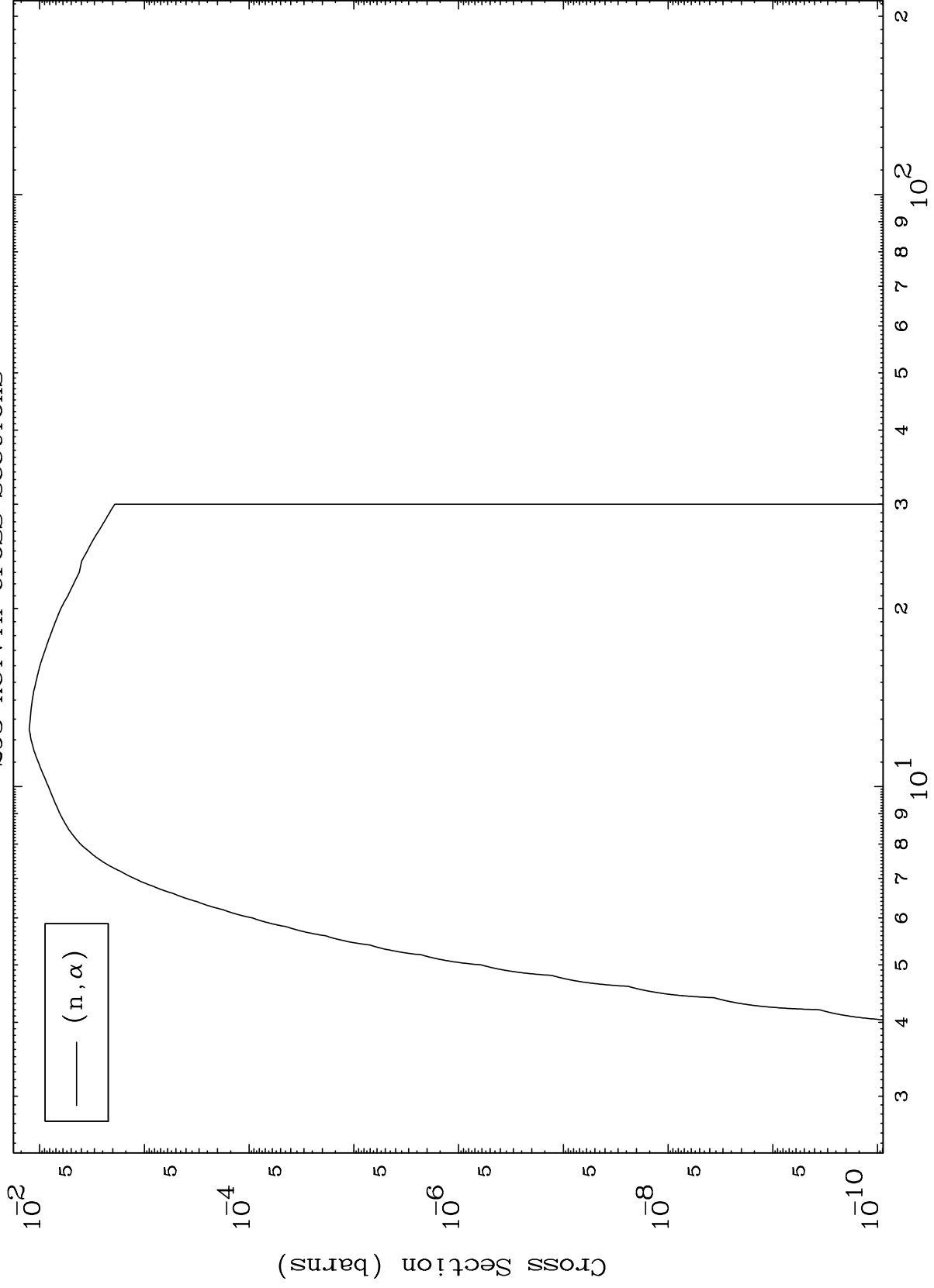
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n, α) Levels
293 Kelvin Cross Sections

18-Ar-40

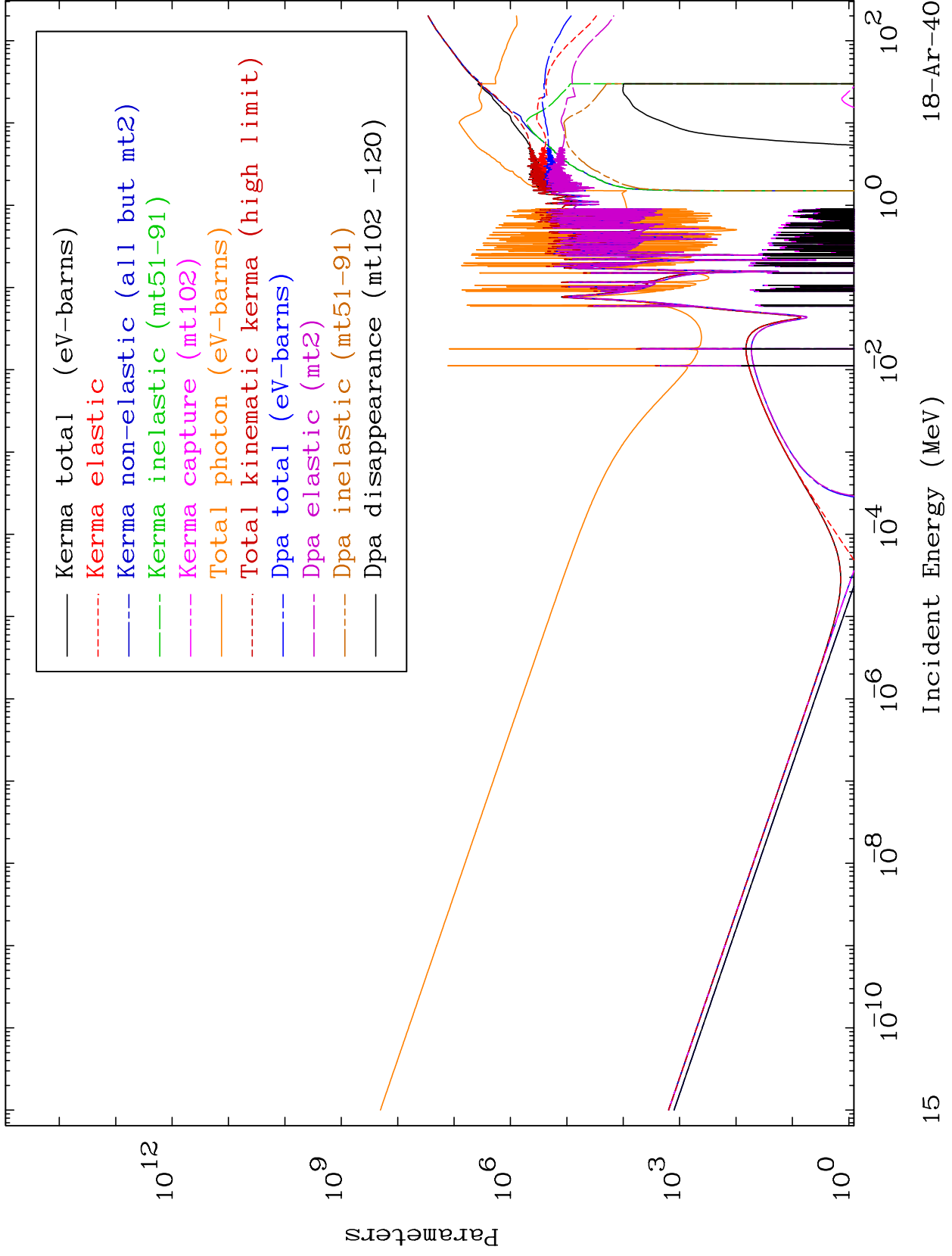


(n, α)

14

Incident Energy (MeV)

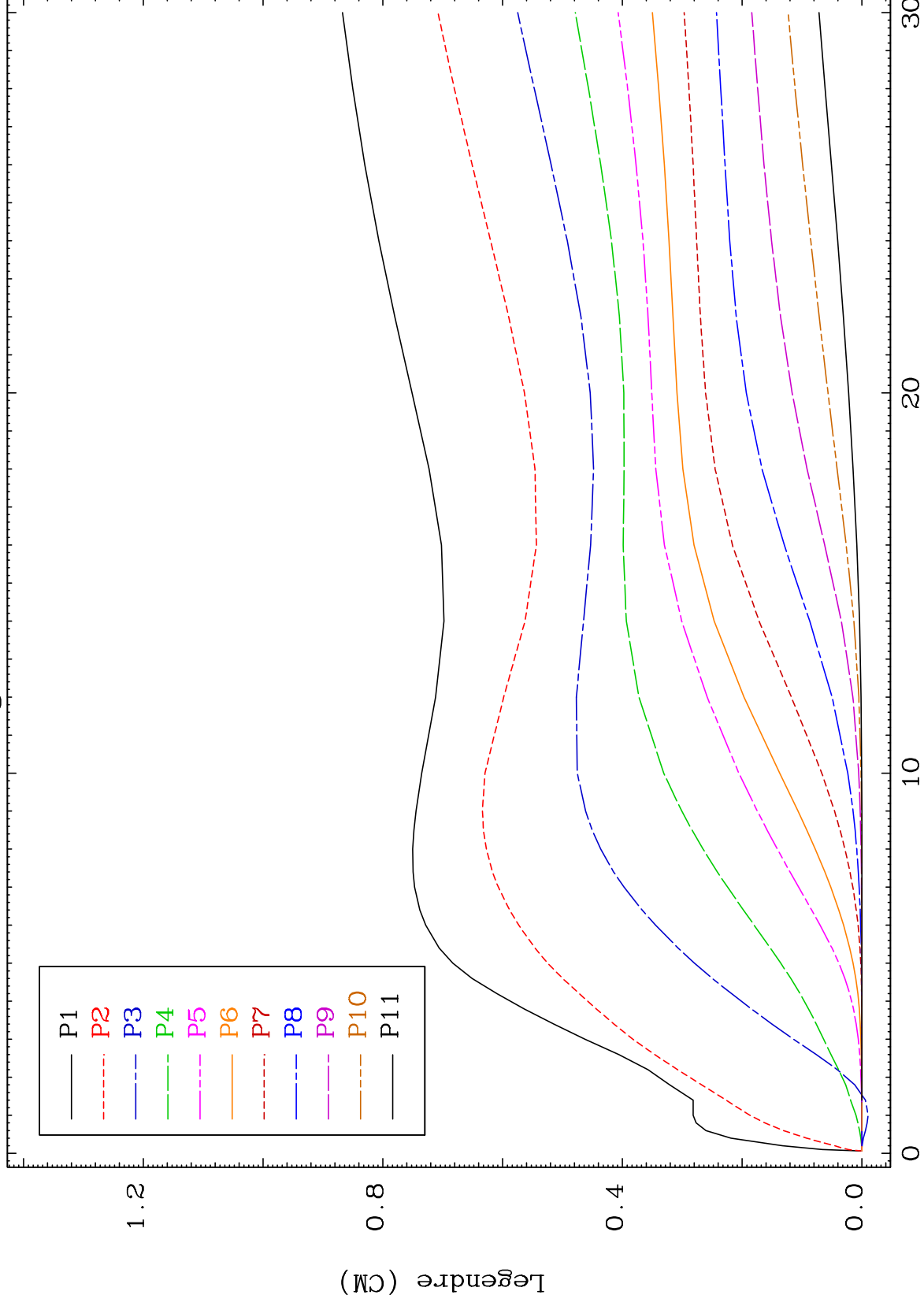
18-Ar-40



MAT 1837

Elastic Legendre Coefficients

18-Ar-40



16

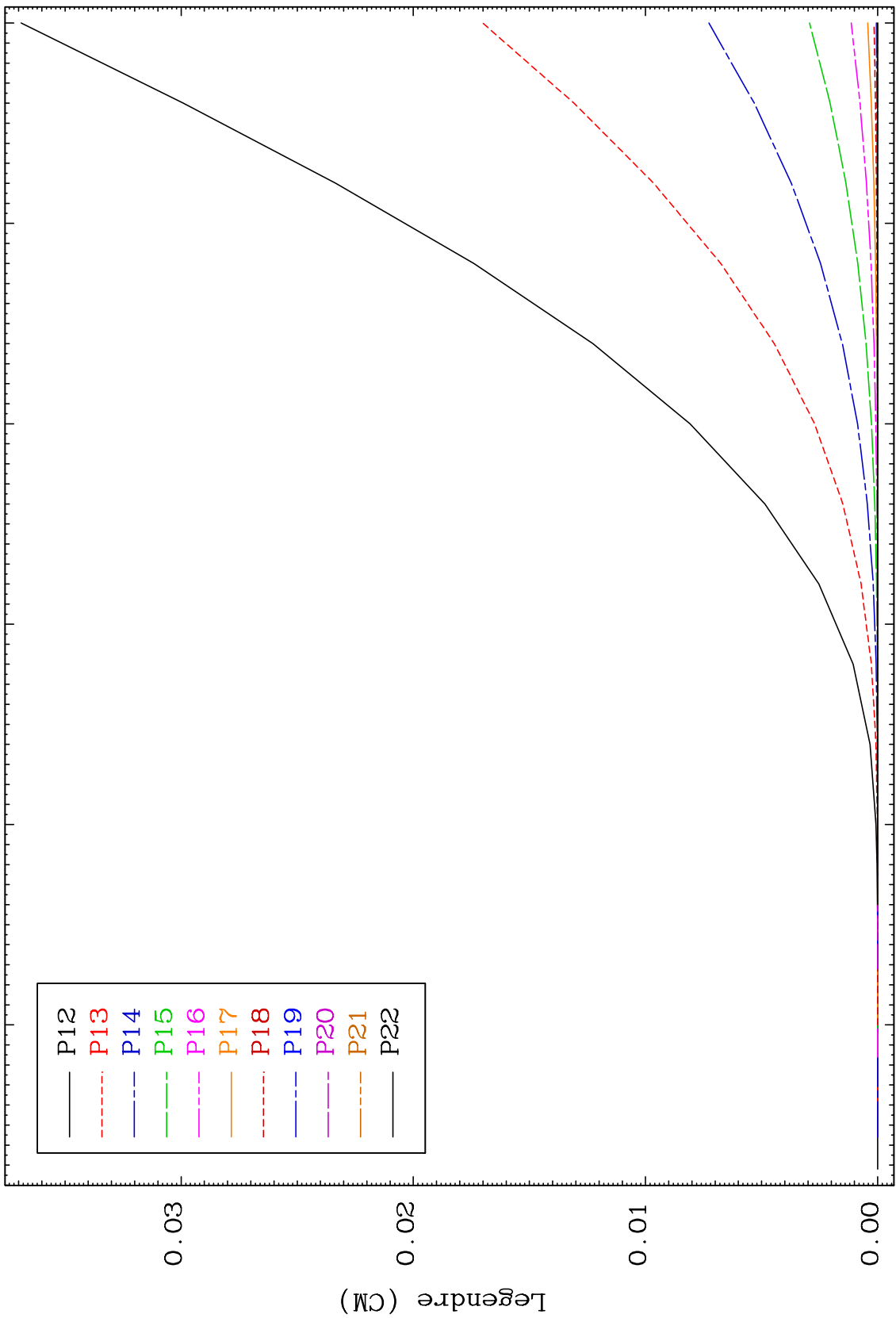
Incident Energy (MeV)

18-Ar-40

MAT 1837

Elastic Legendre Coefficients

18-Ar-40



17

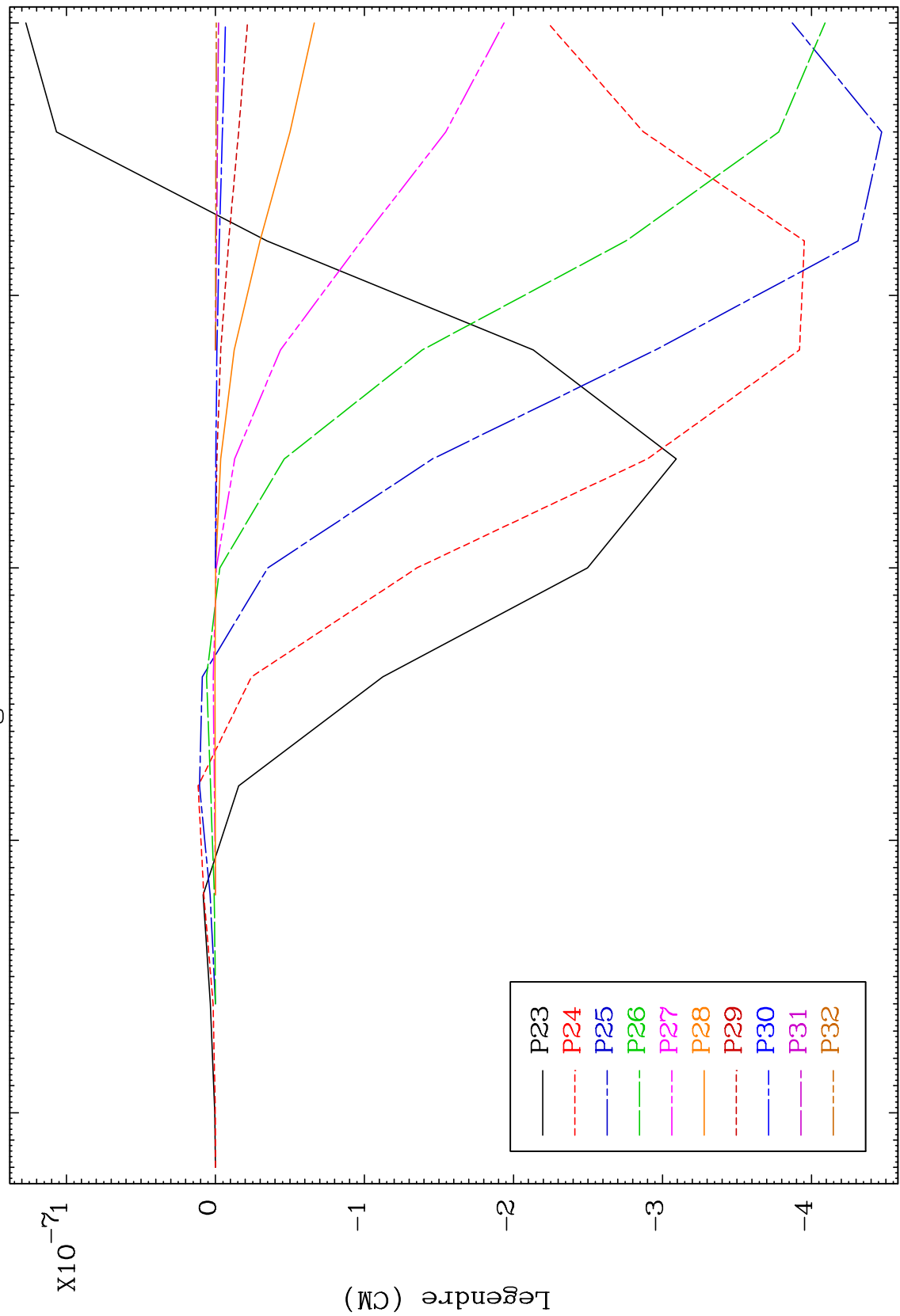
18-Ar-40

Incident Energy (MeV)

MAT 1837

Elastic Legendre Coefficients

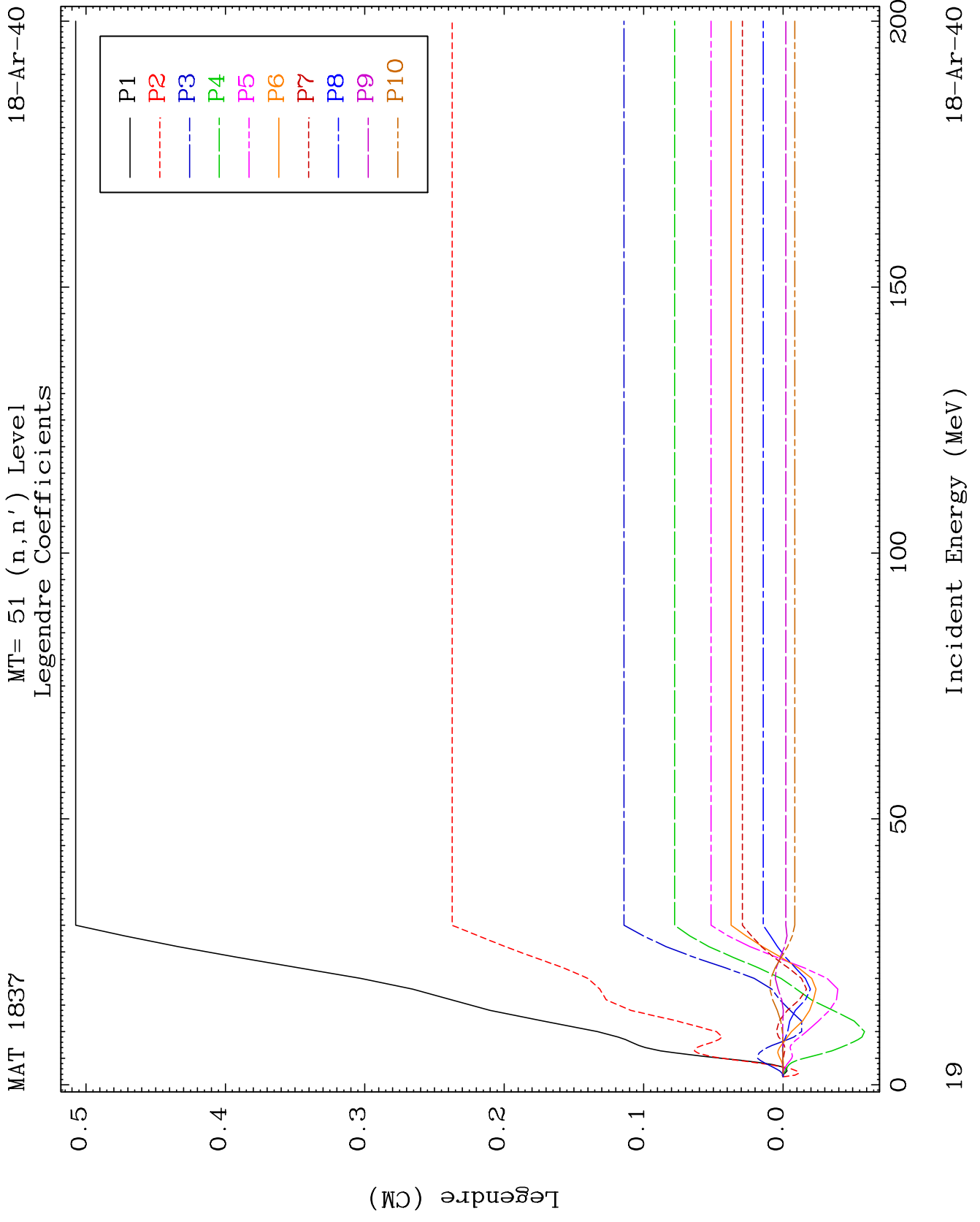
18-Ar-40



18

Incident Energy (MeV)

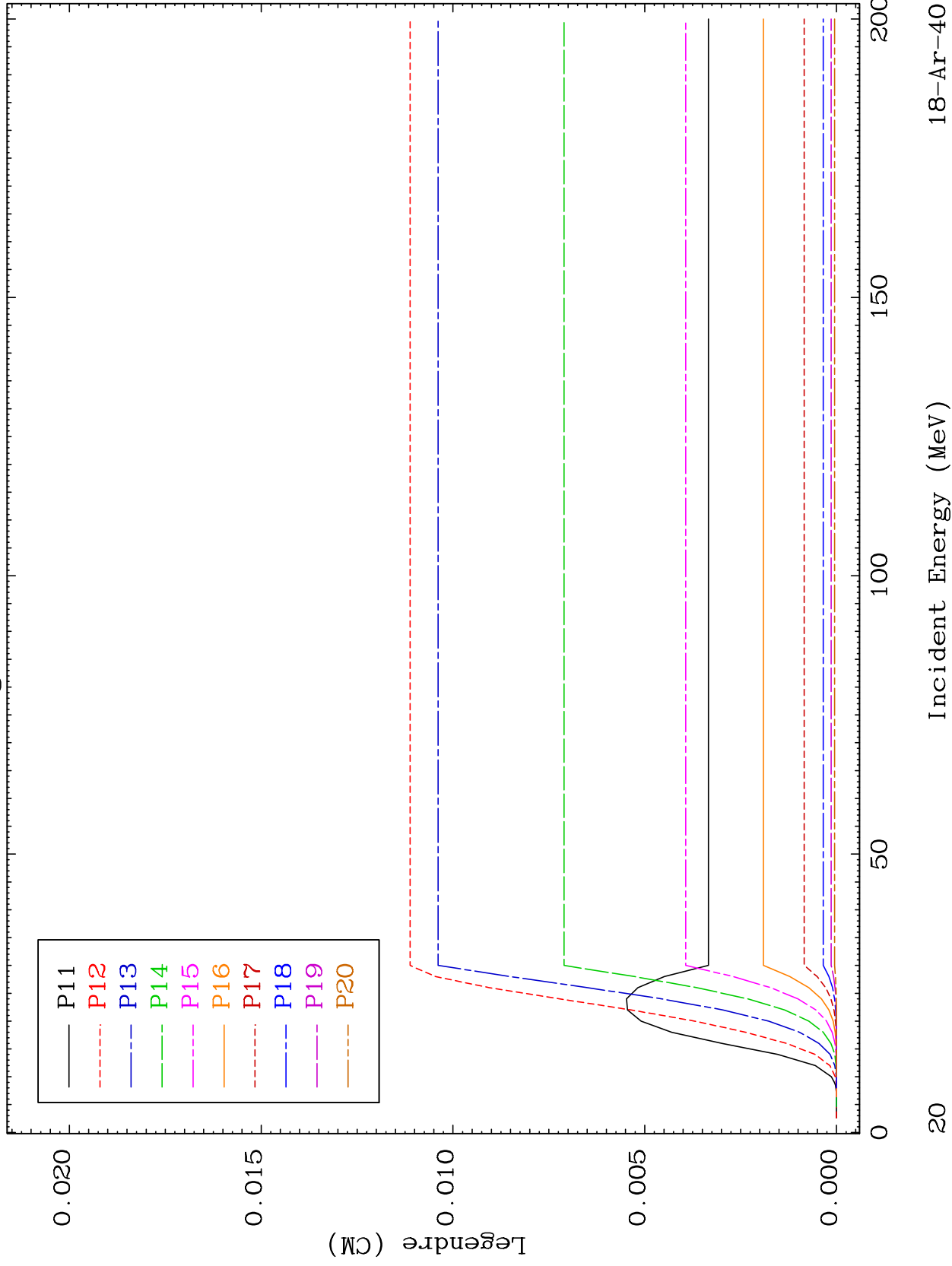
18-Ar-40



MAT 1837

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

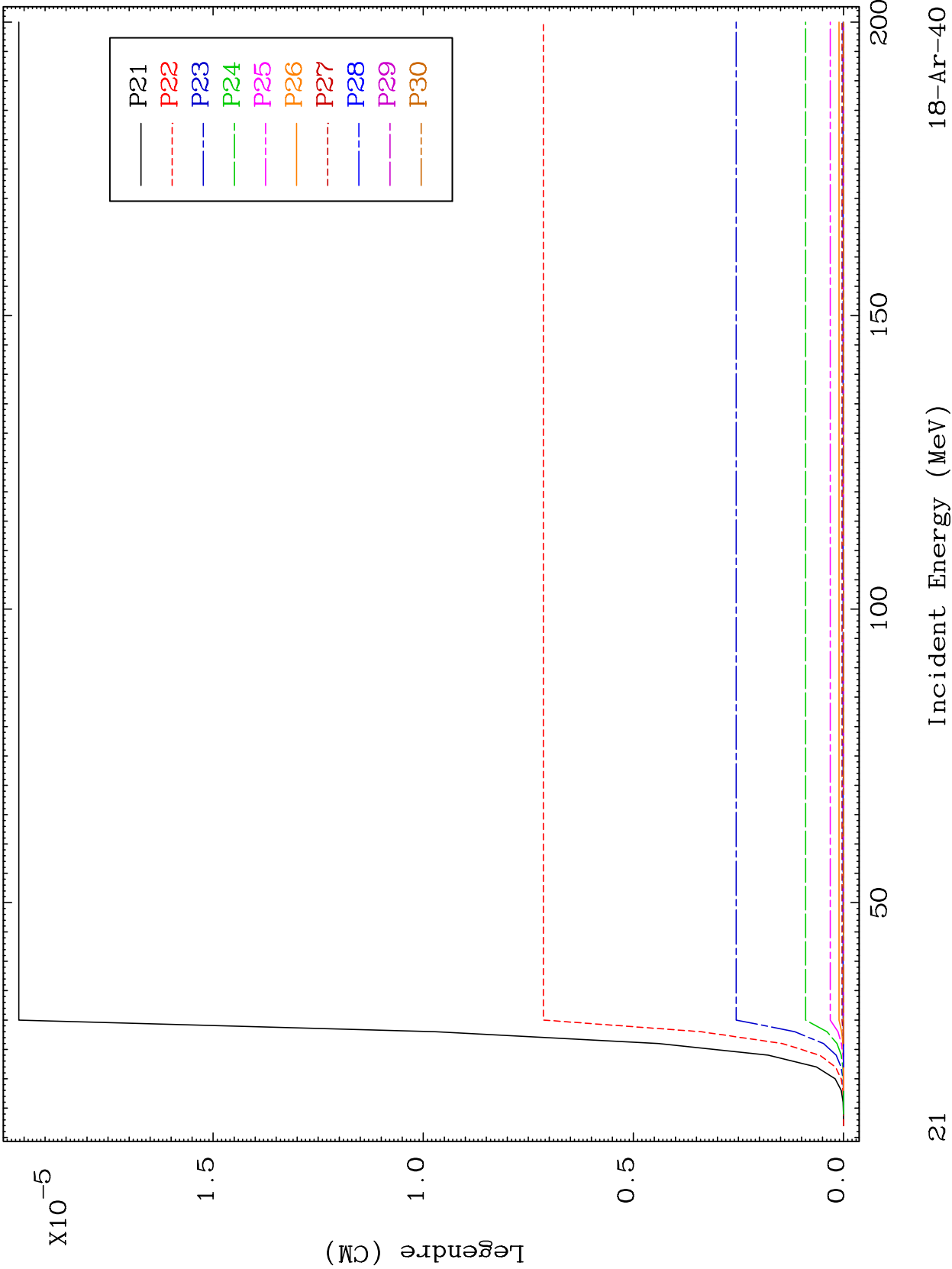
18-Ar-40



MAT 1837

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

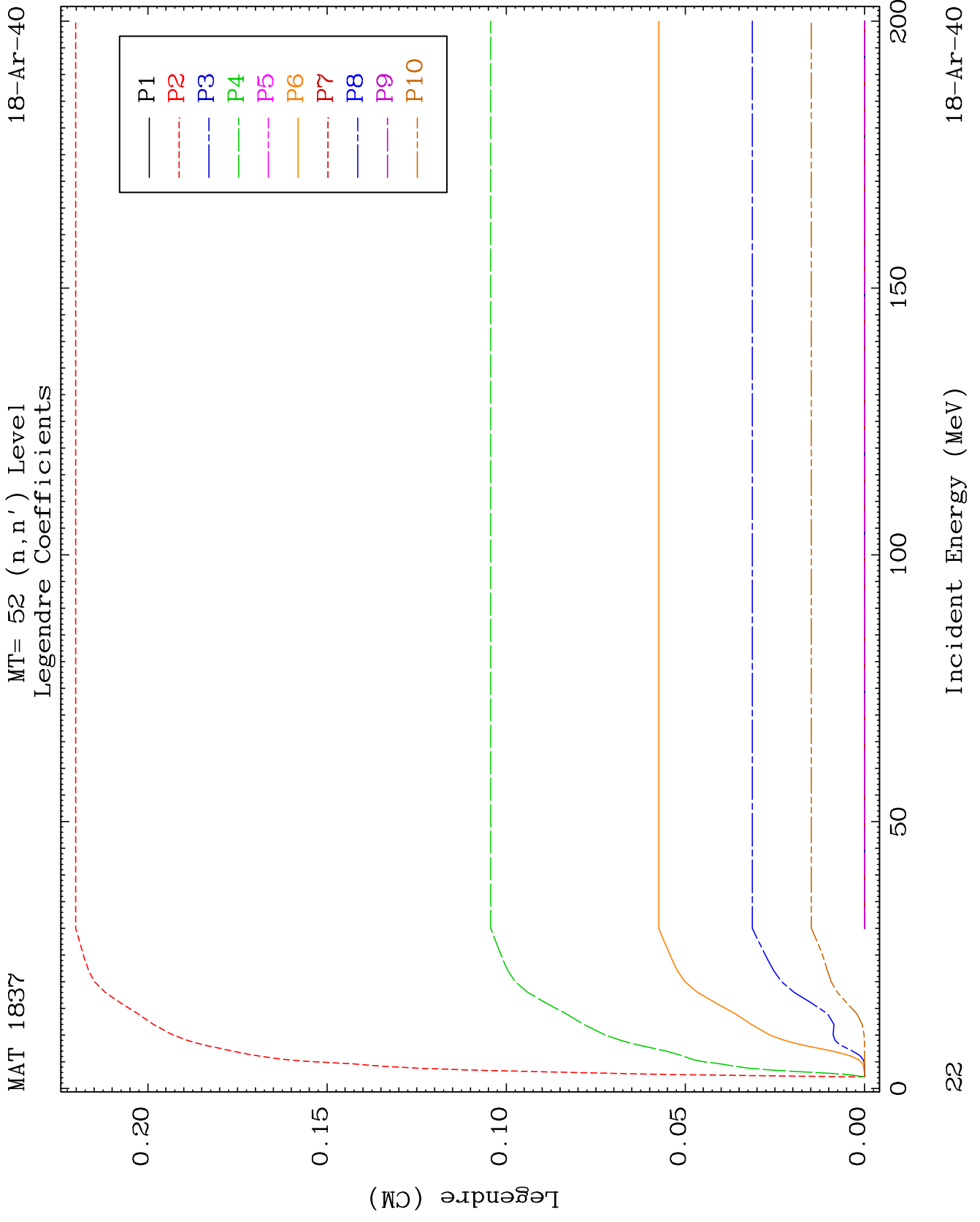
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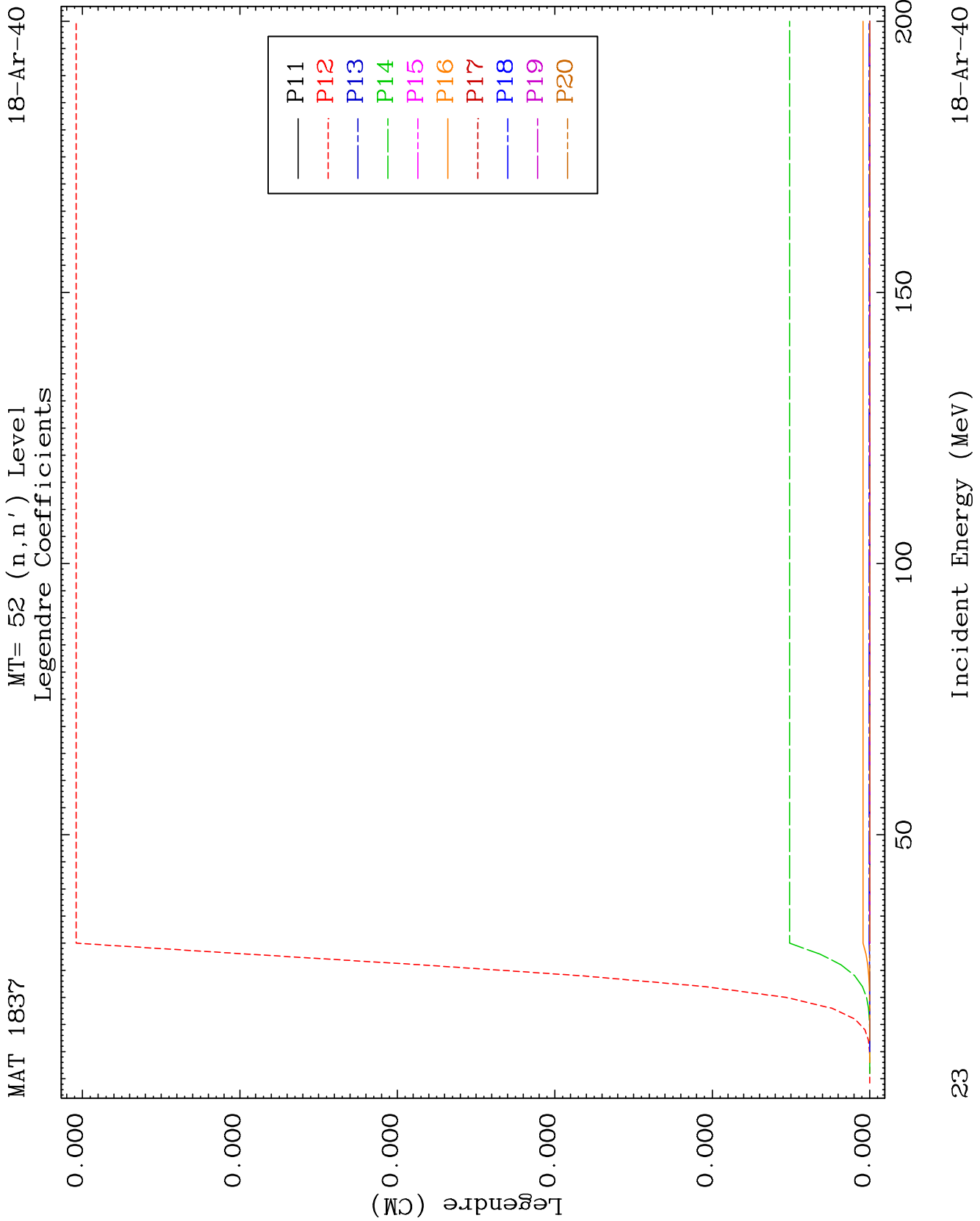


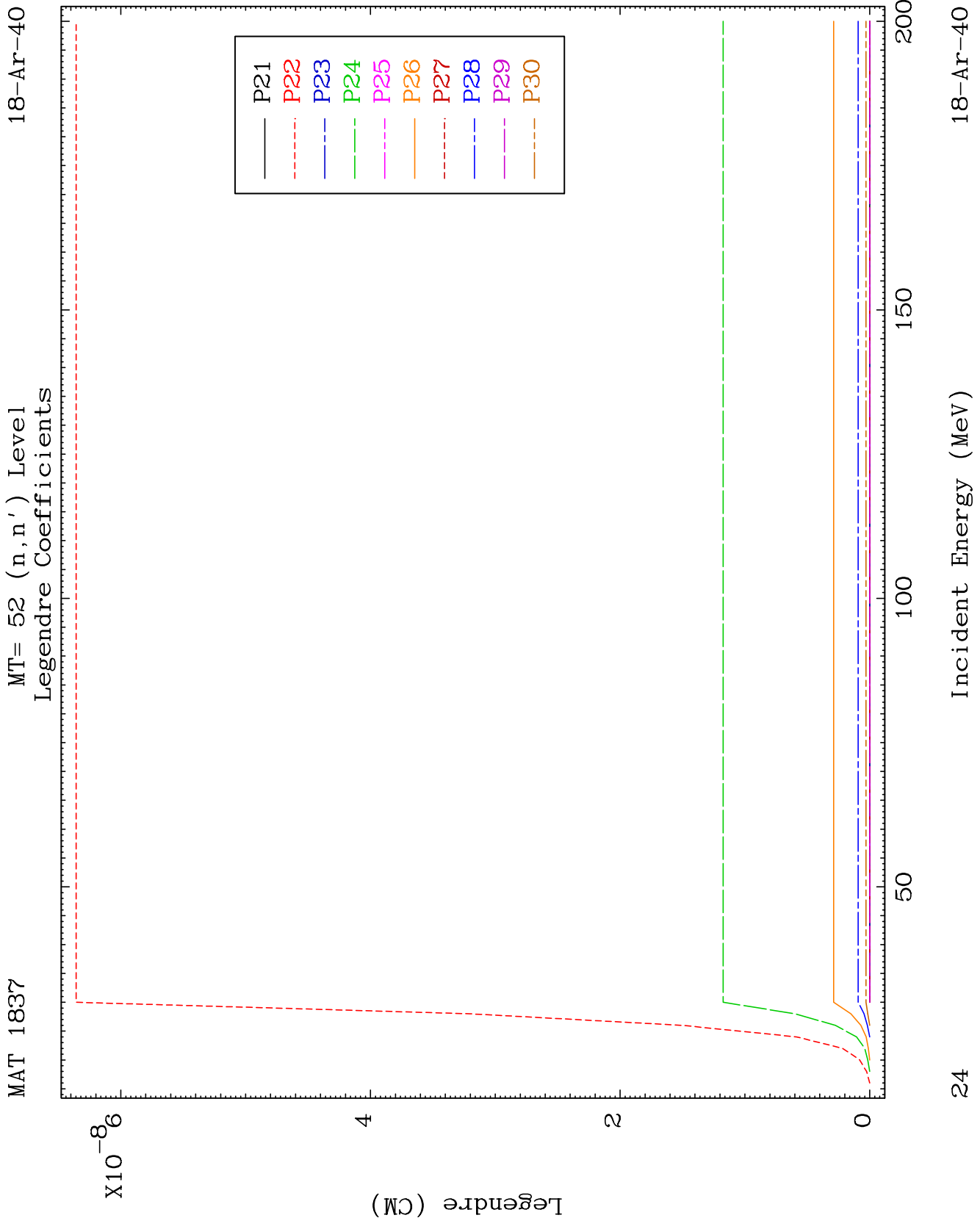
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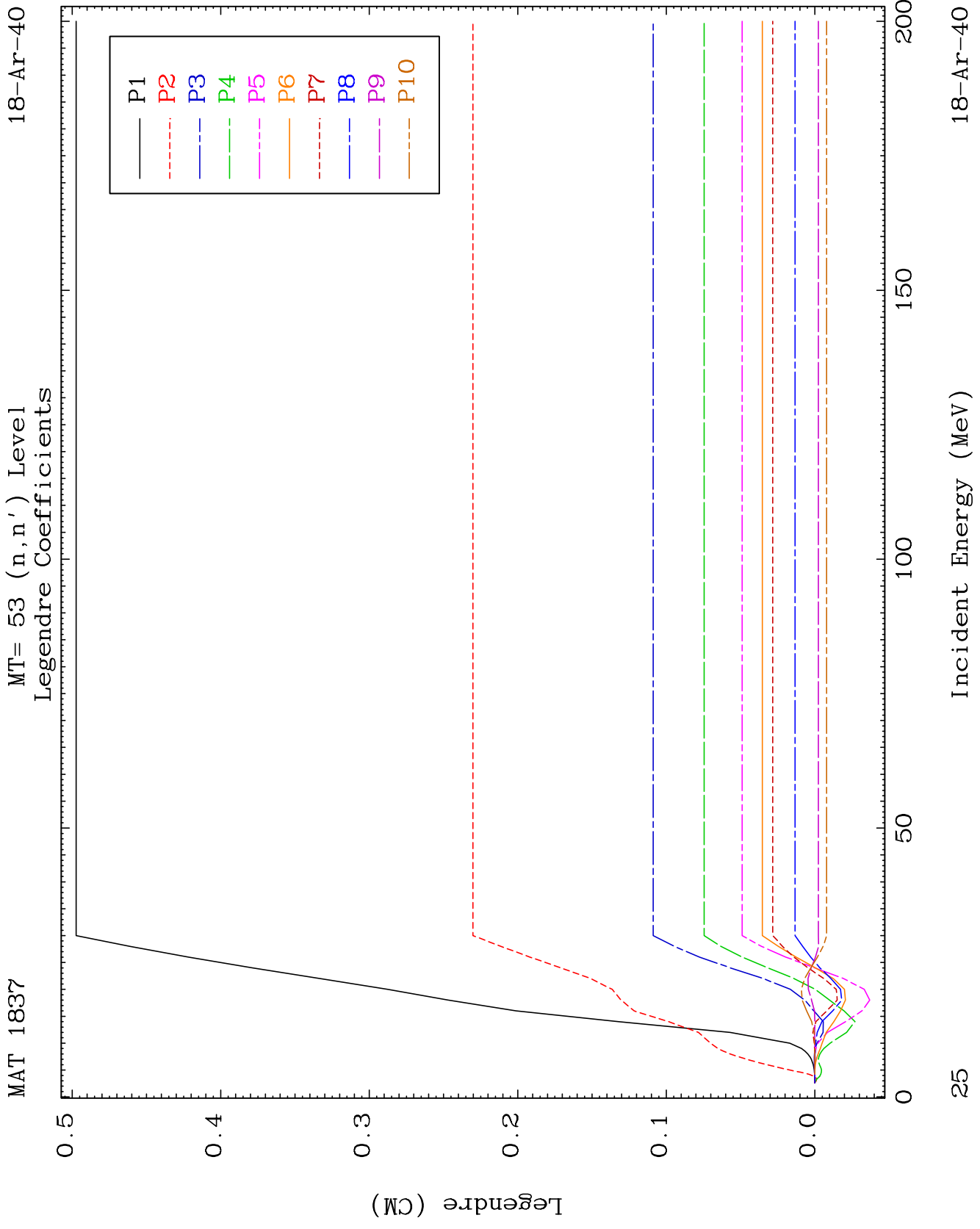
Incident Energy (MeV)

18-Ar-40





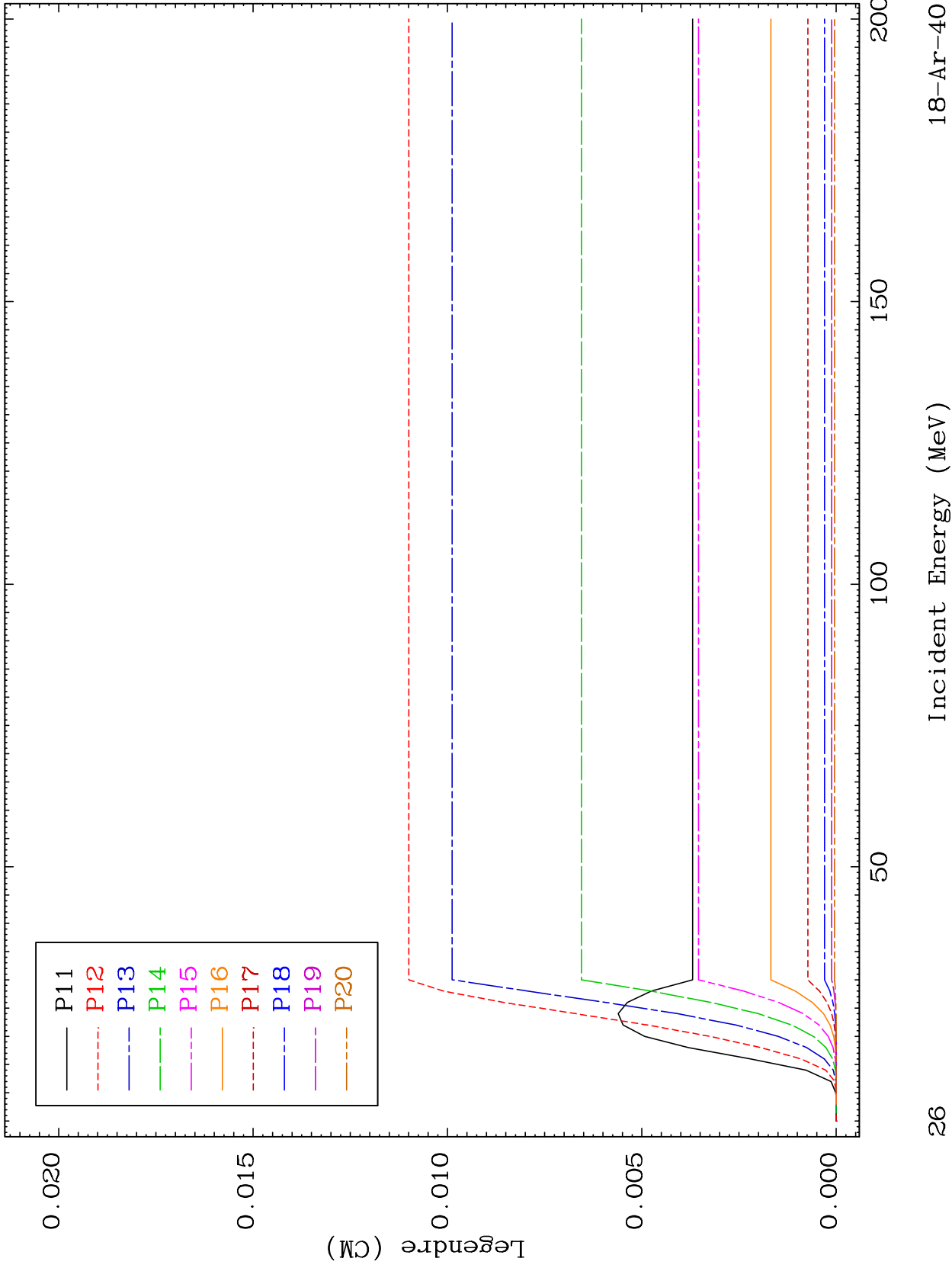




MAT 1837

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

18-Ar-40

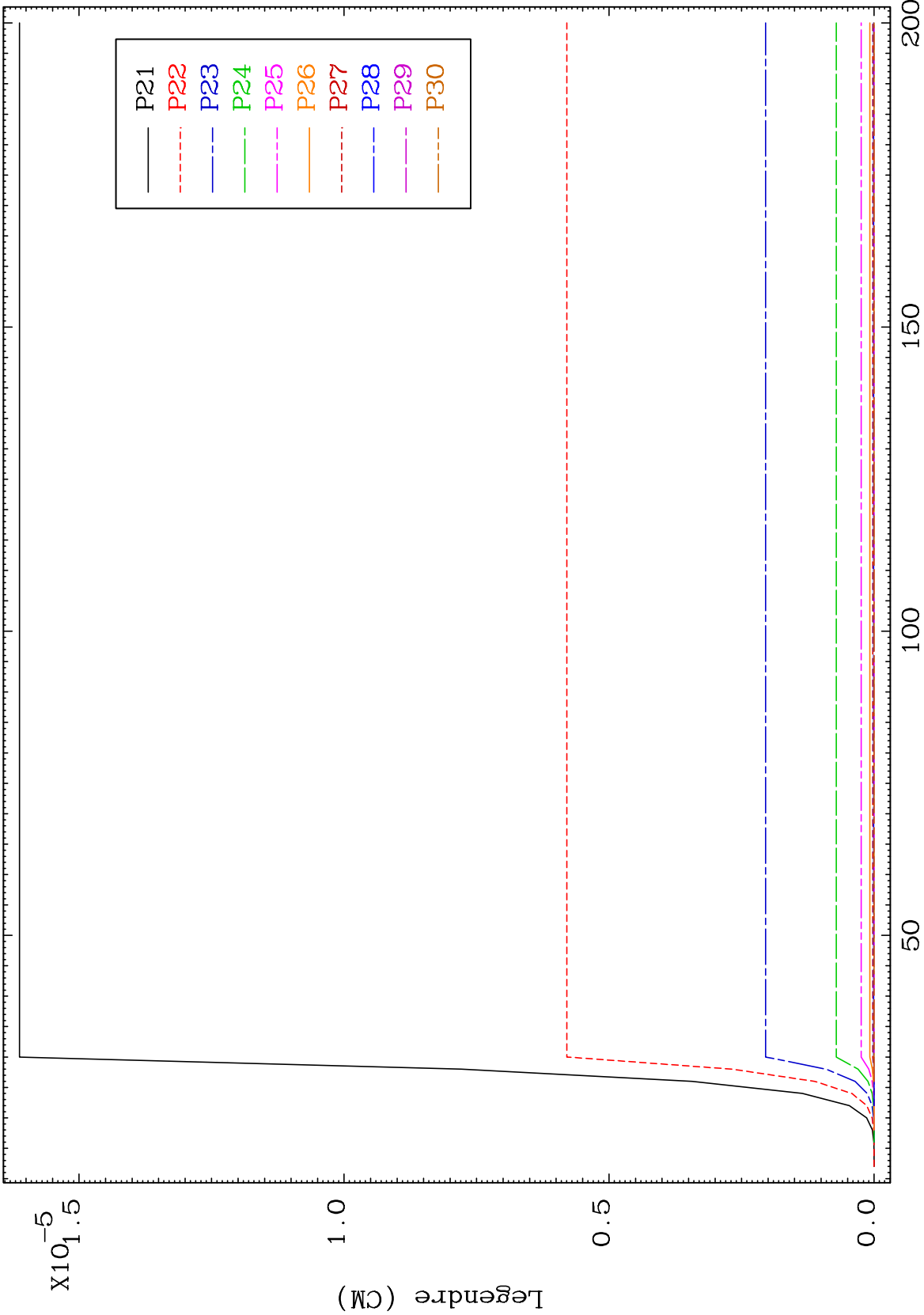


26

MAT 1837

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

18-Ar-40



27

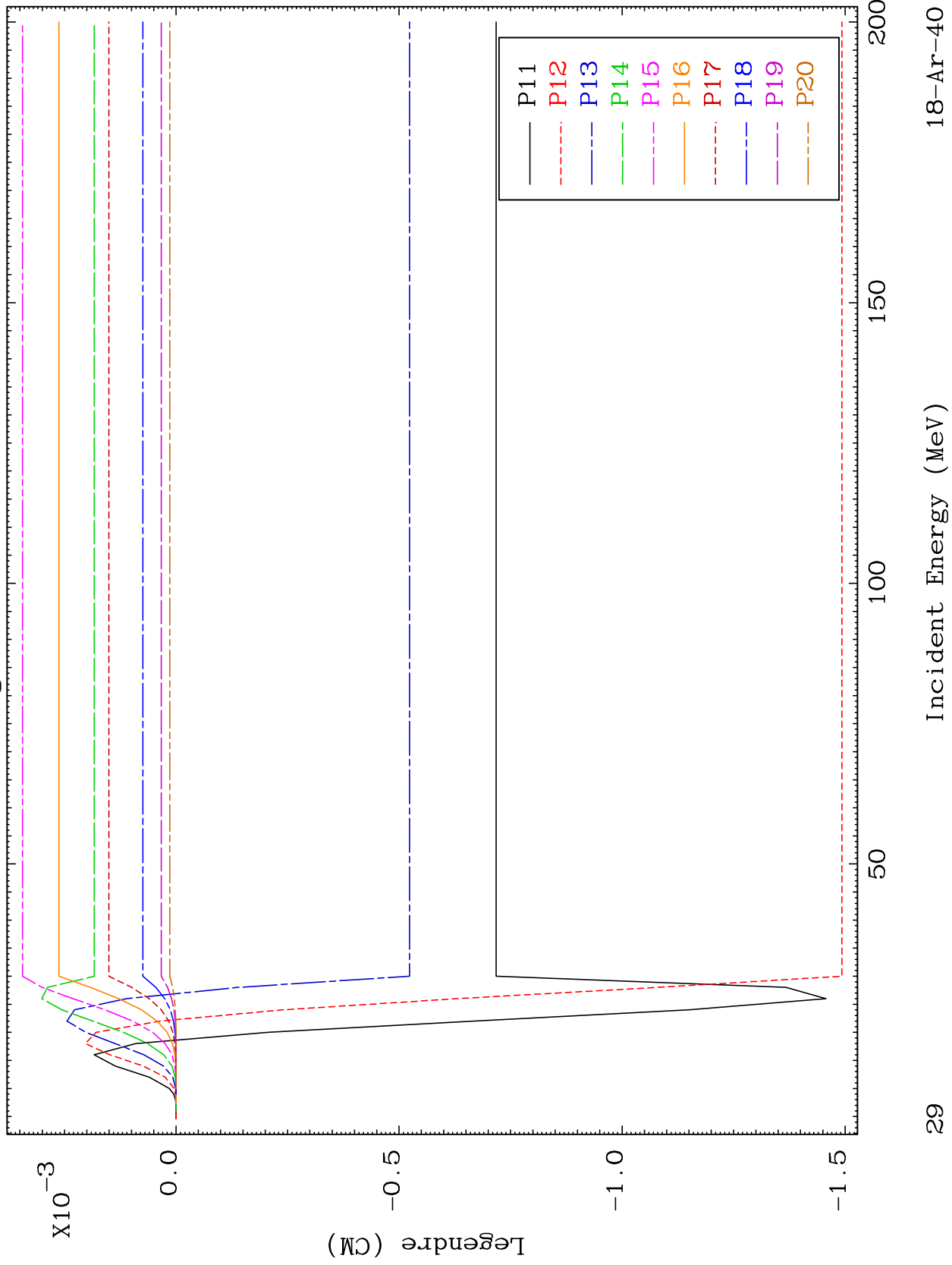
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



29

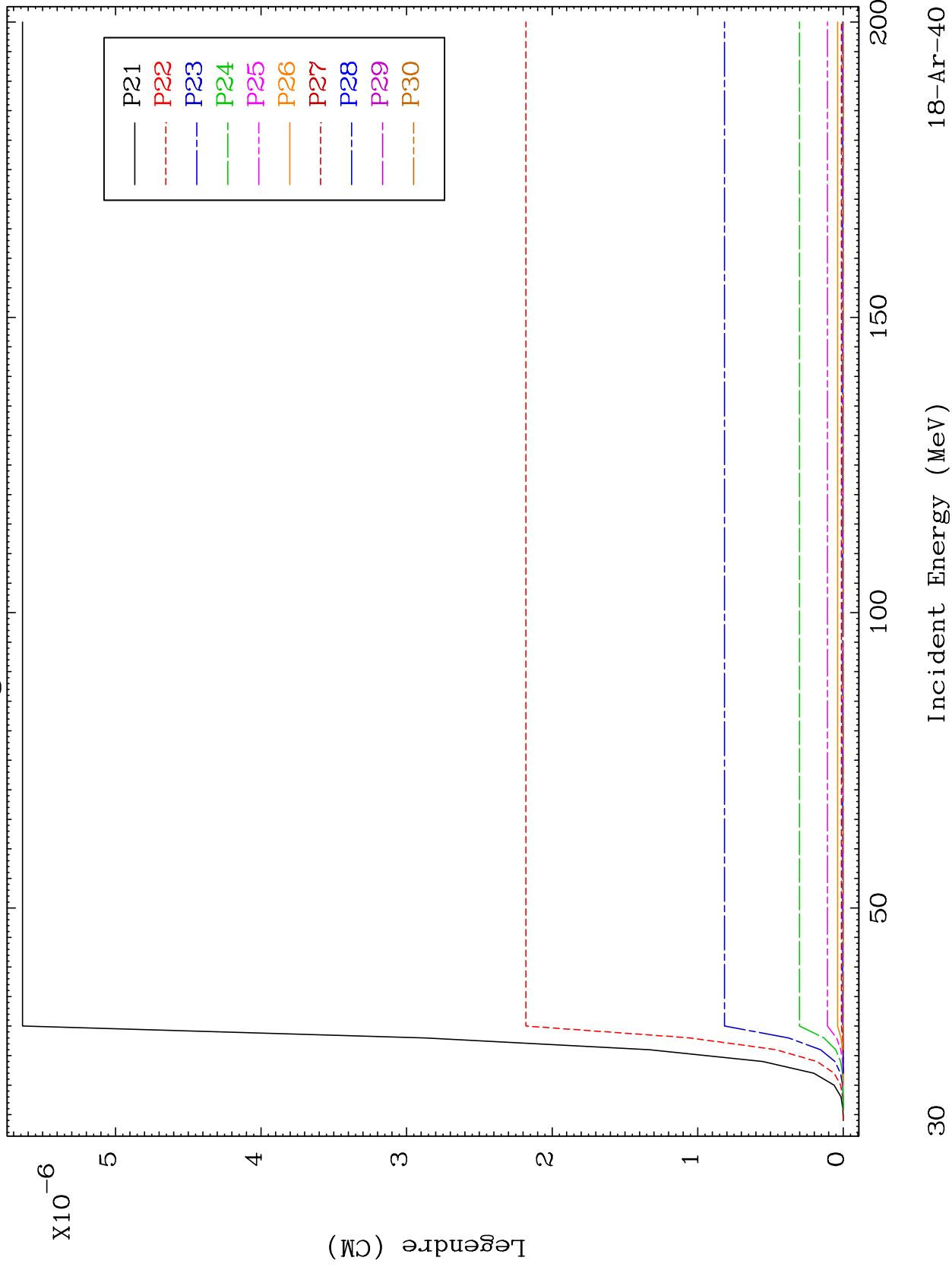
Incident Energy (MeV)

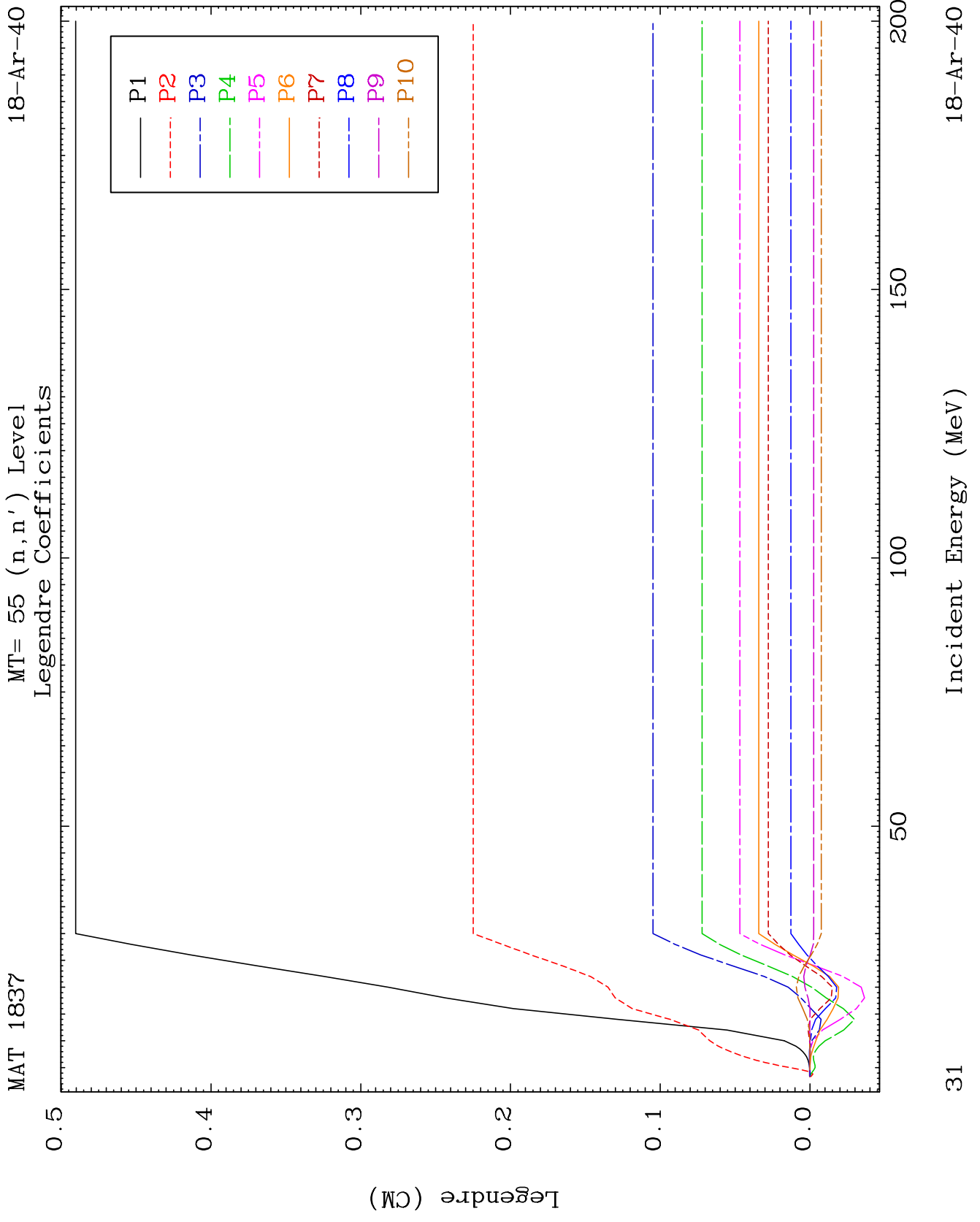
18-Ar-40

MAT 1837

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

18-Ar-40

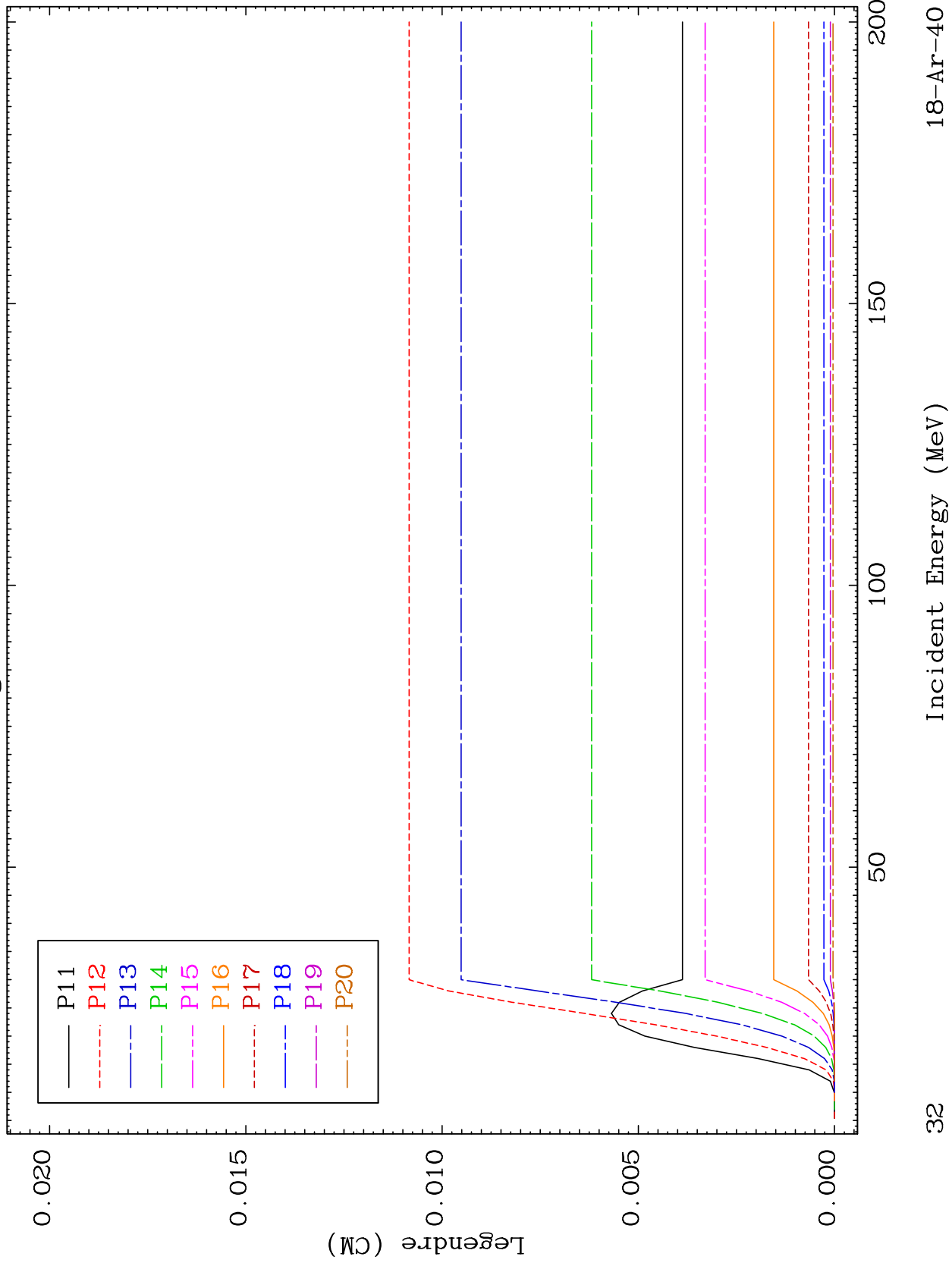




MAT 1837

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

18-Ar-40



32

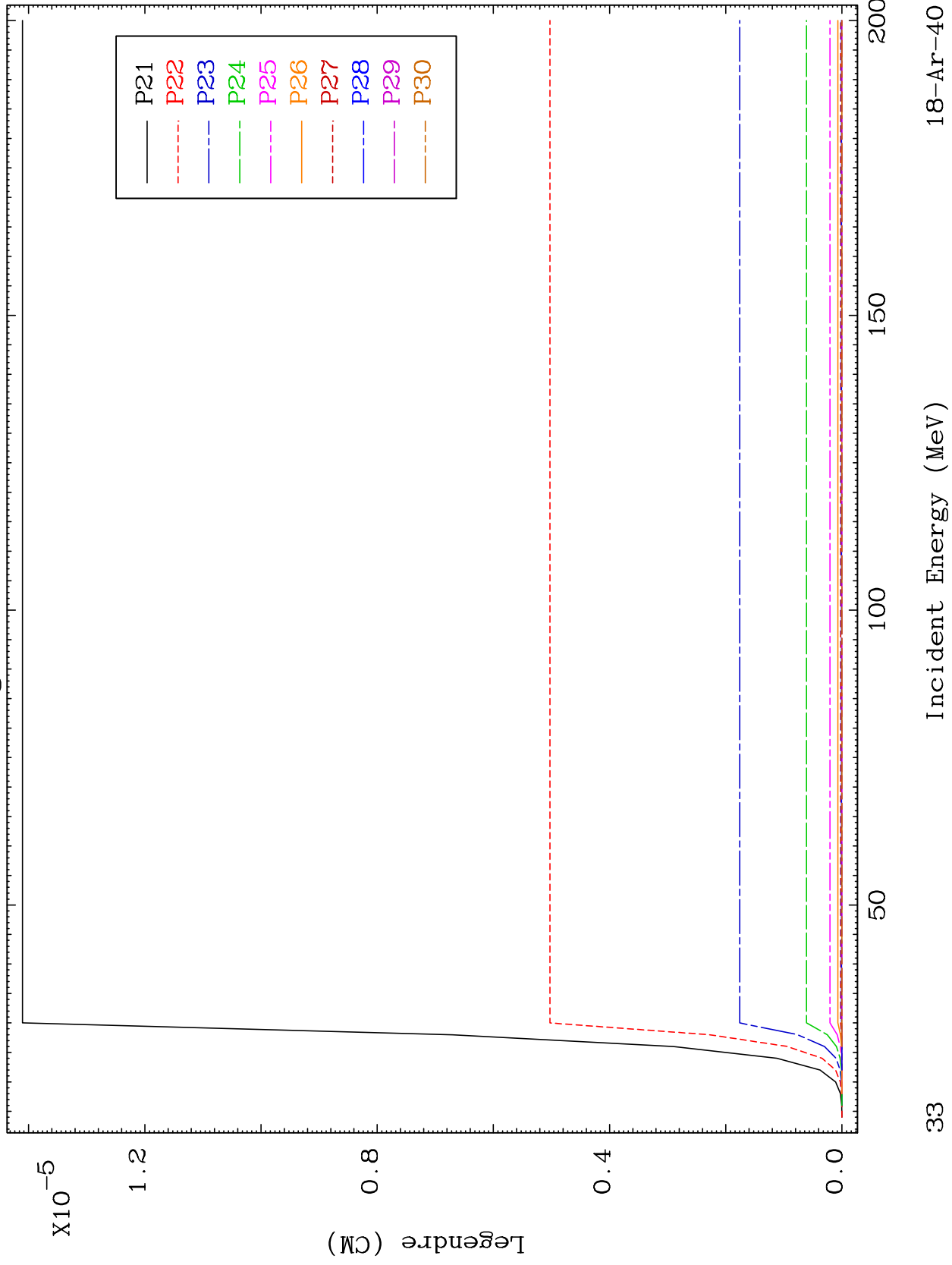
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

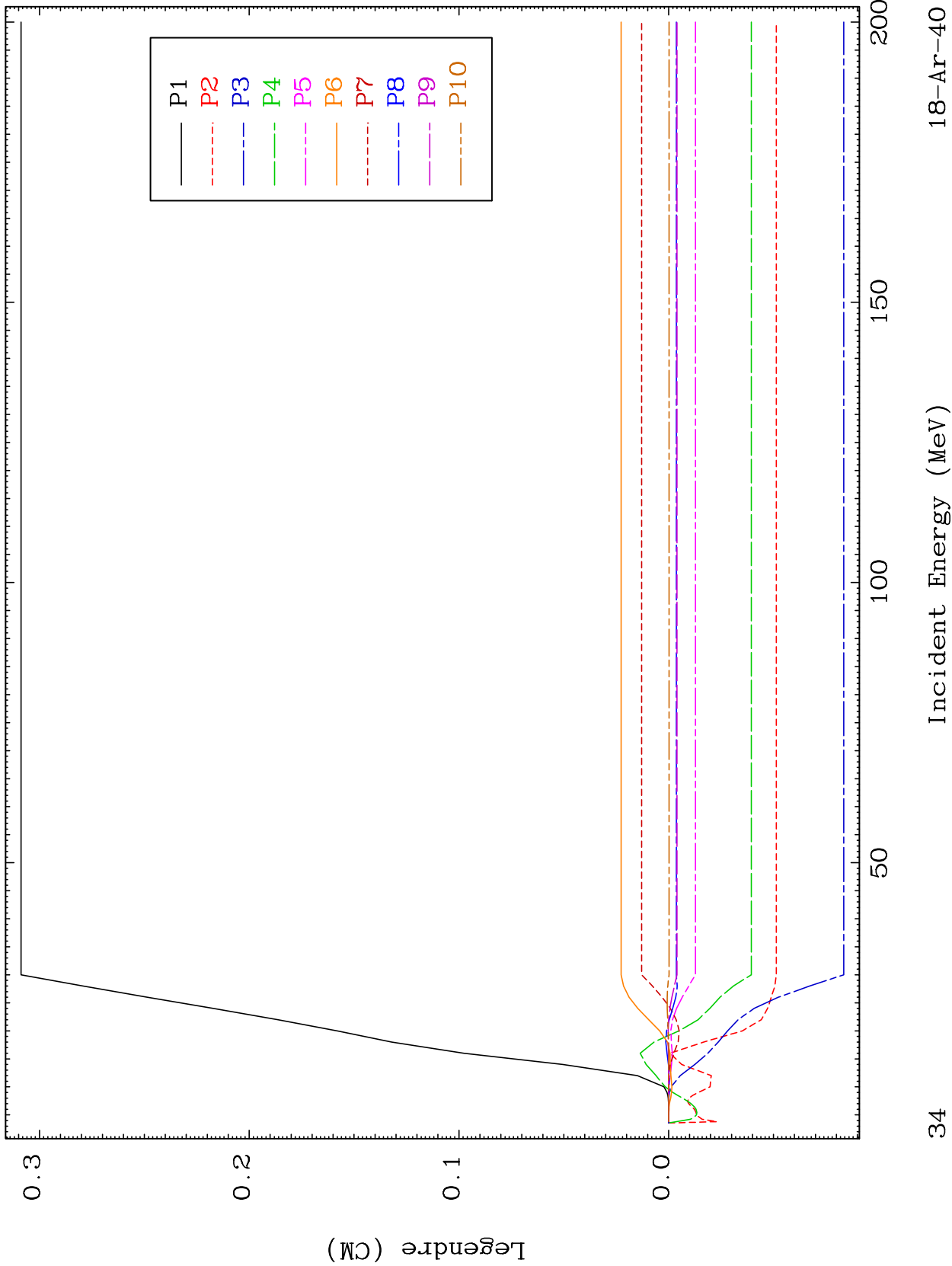
18-Ar-40



MAT 1837

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

18-Ar-40



34

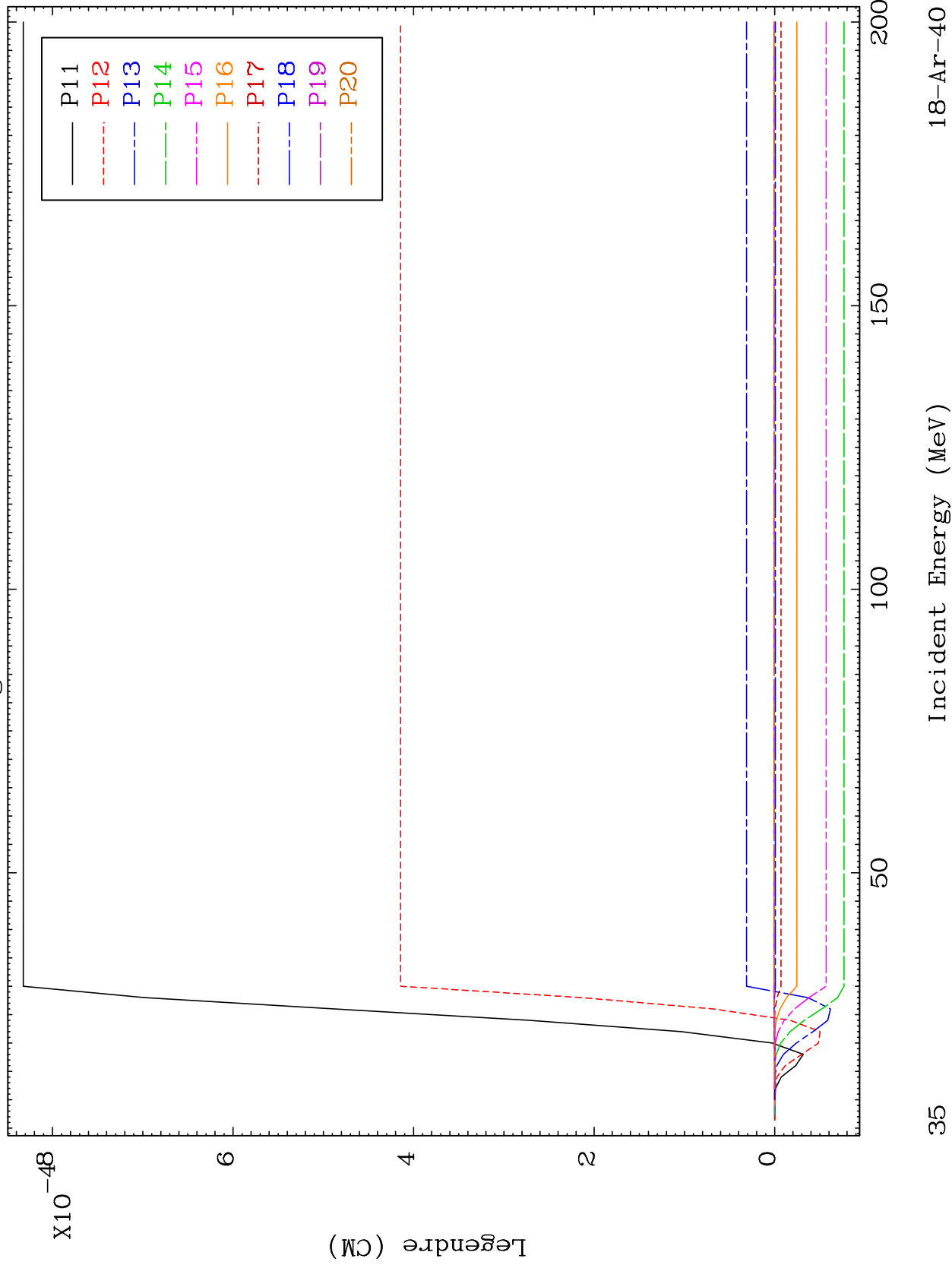
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

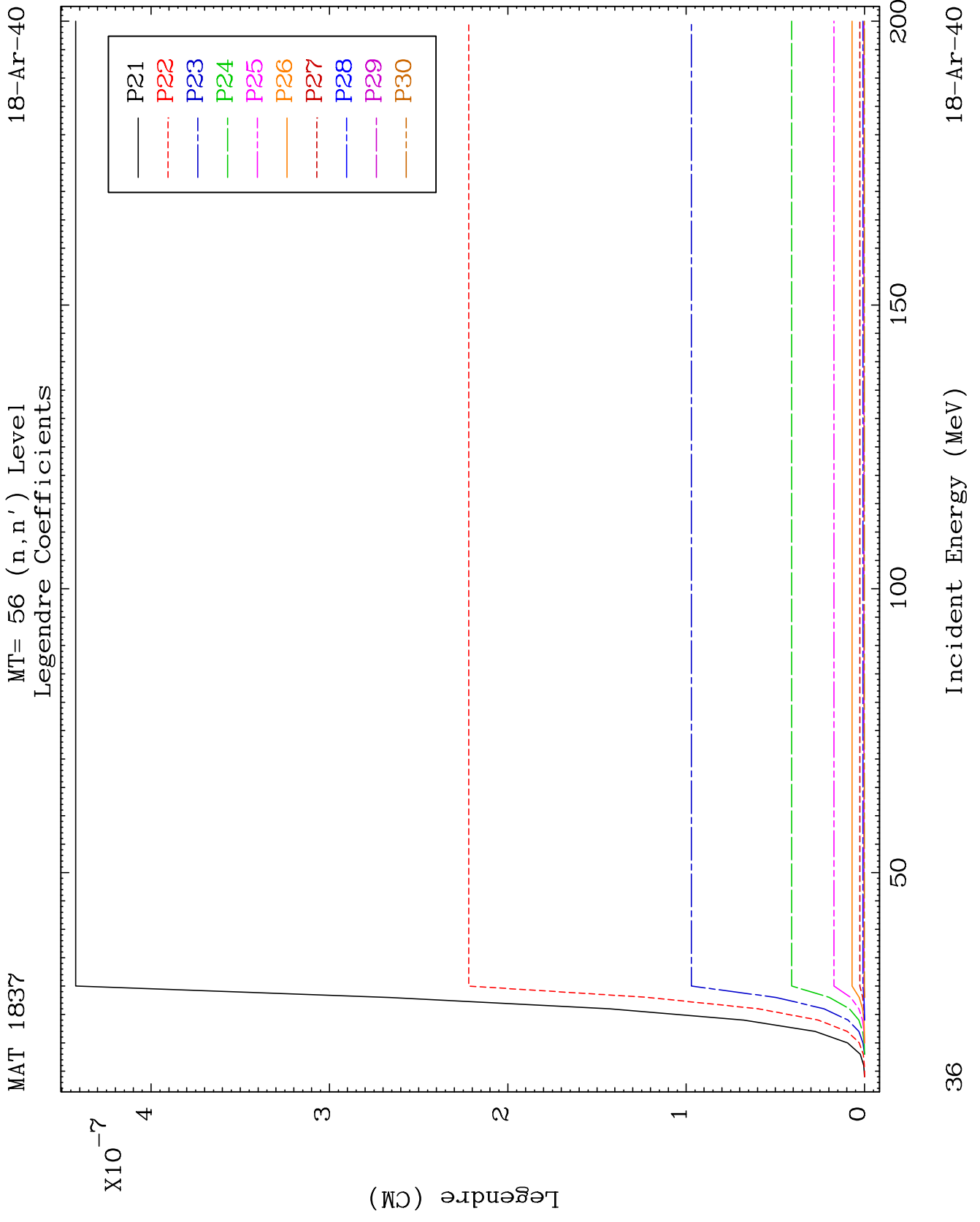
18-Ar-40



35

Incident Energy (MeV)

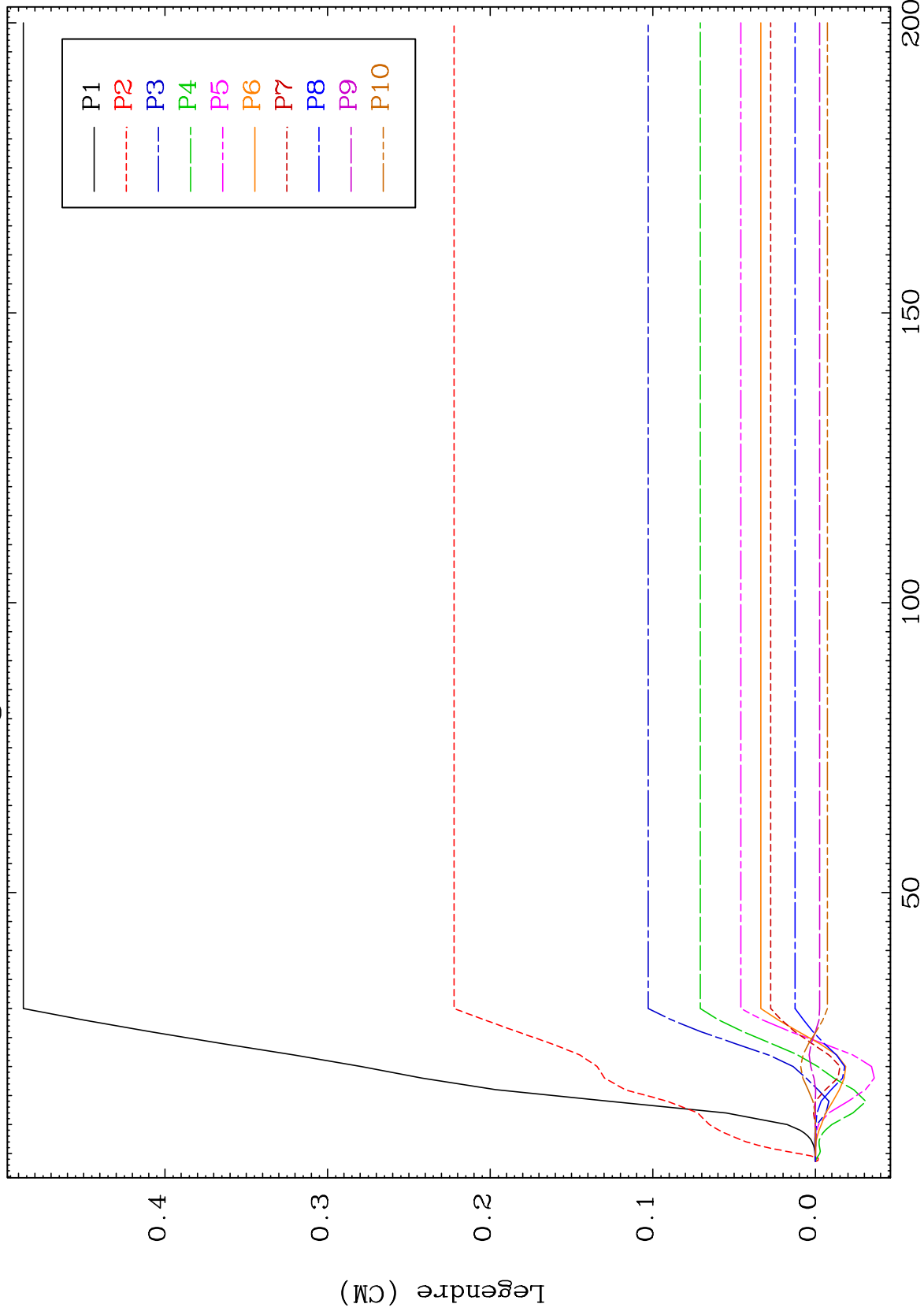
18-Ar-40



MAT 1837

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

18-Ar-40



37

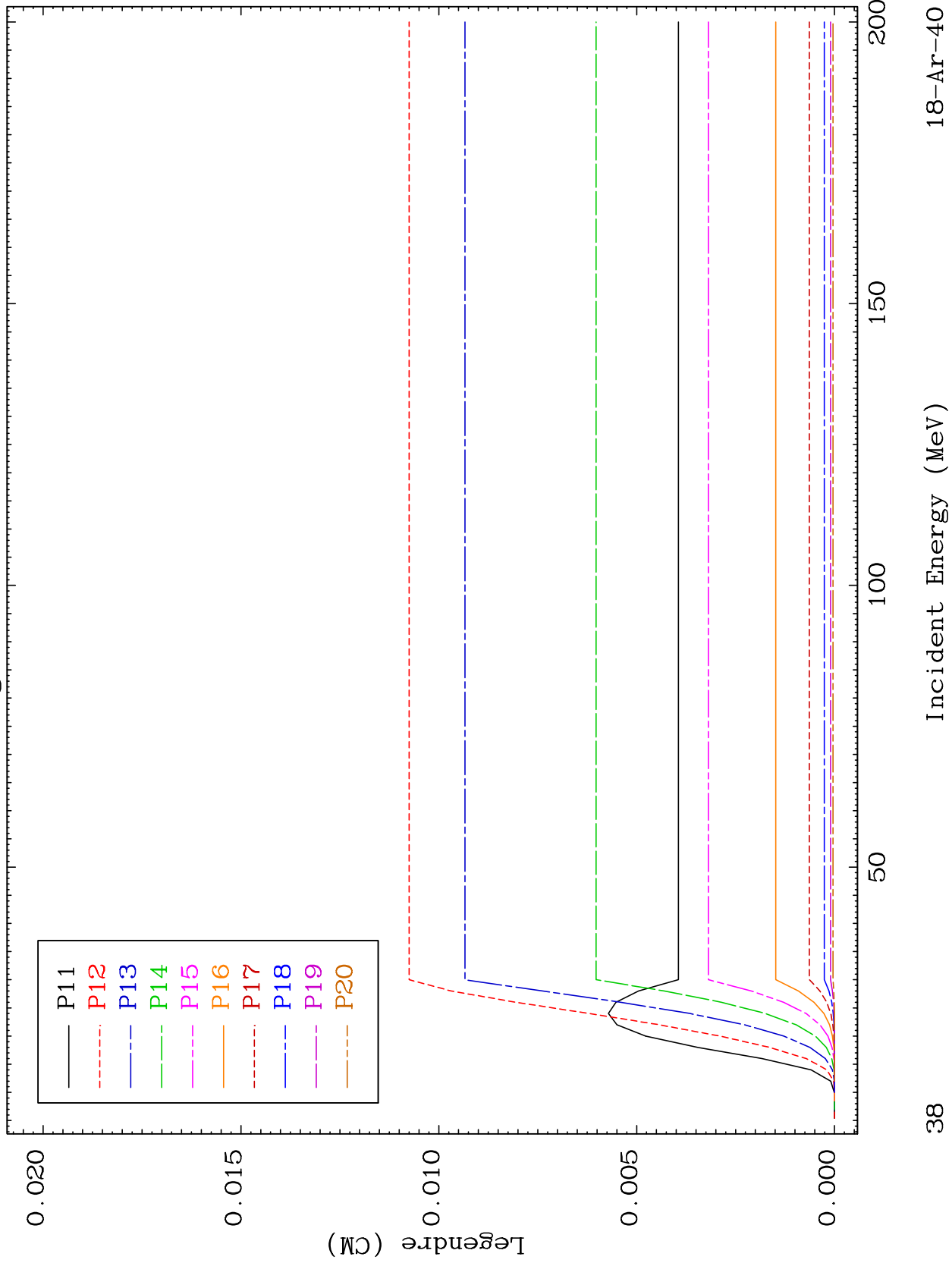
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



38

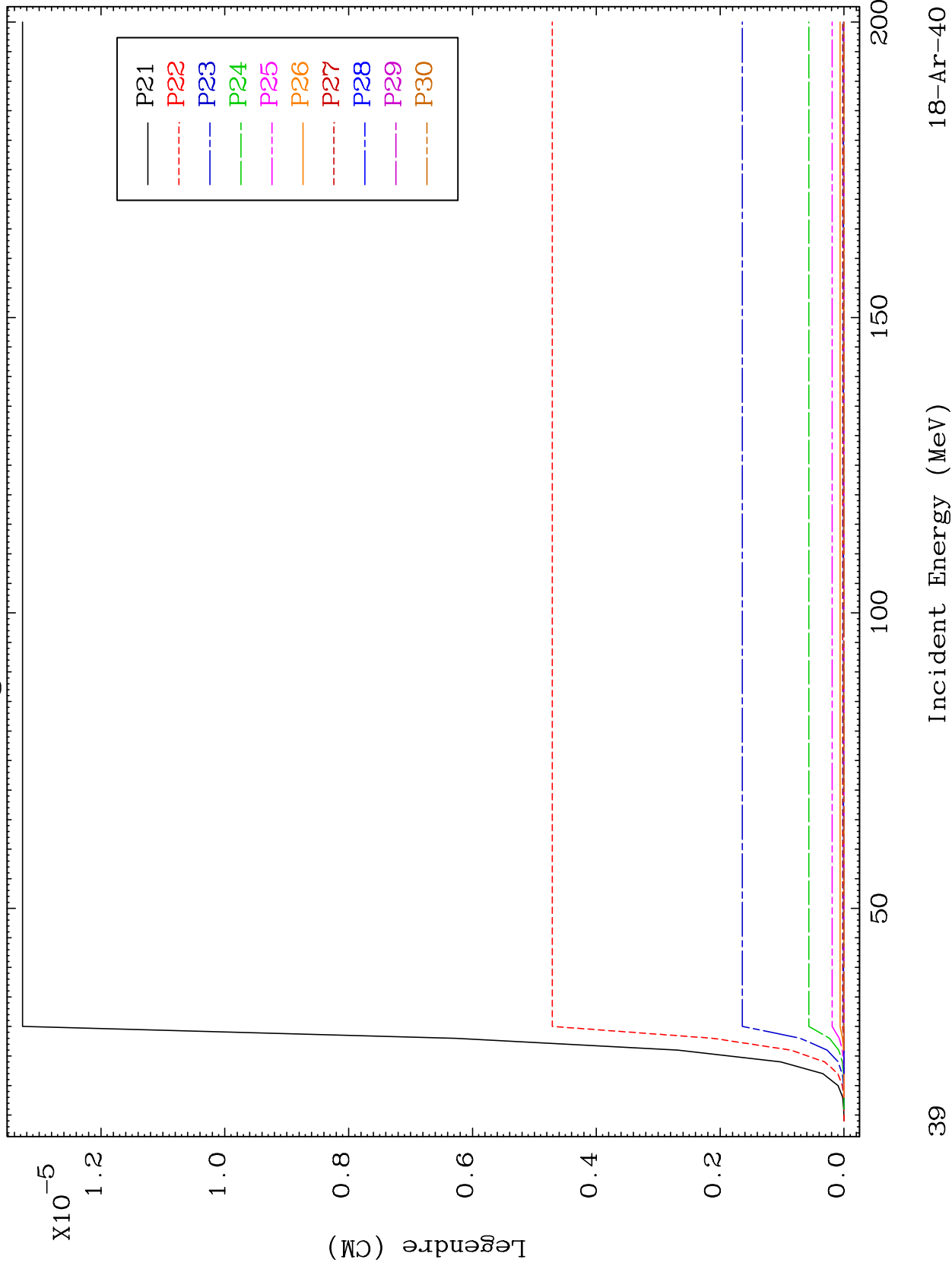
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



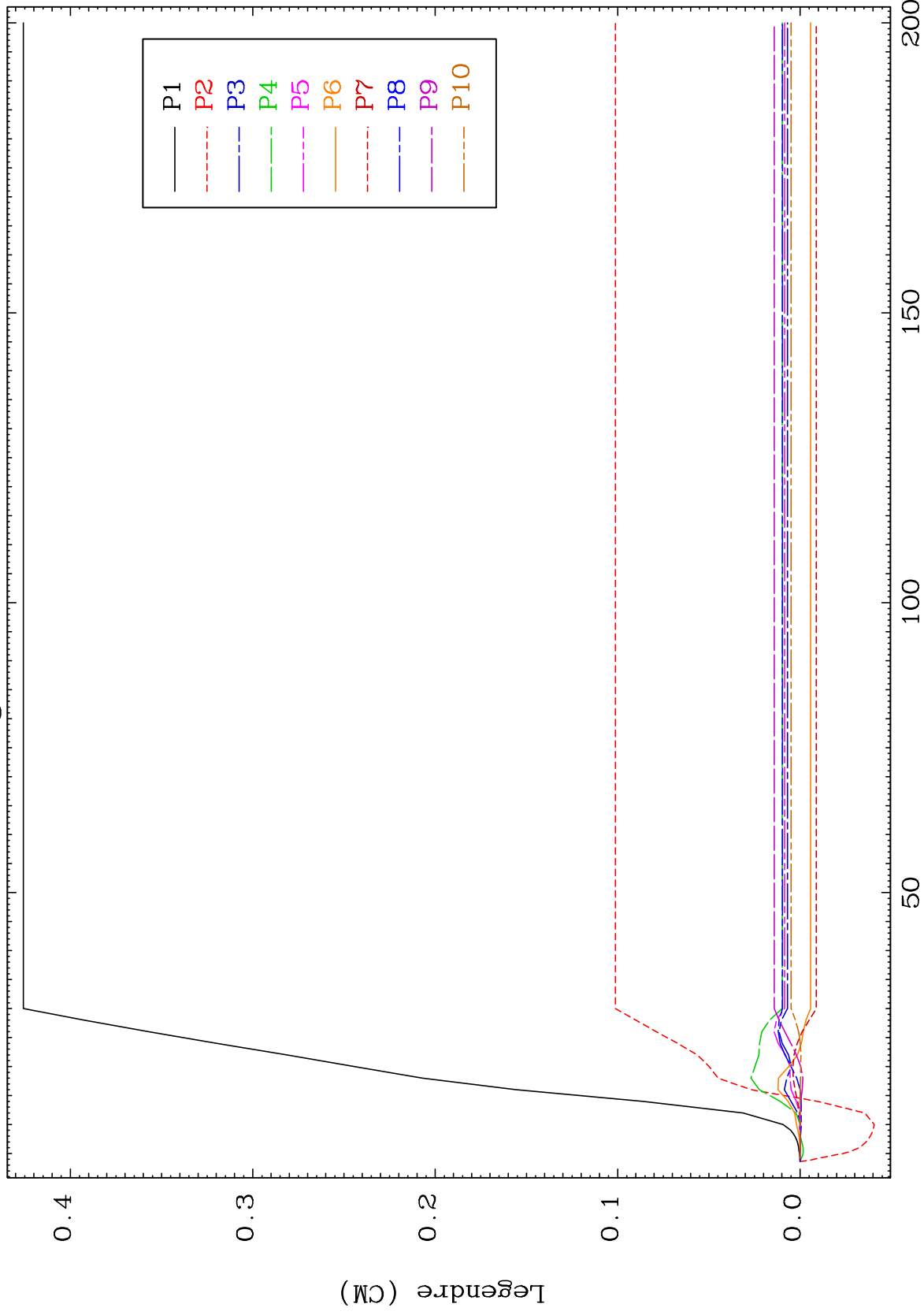
39

18-Ar-40

MAT 1837

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

18-Ar-40



40

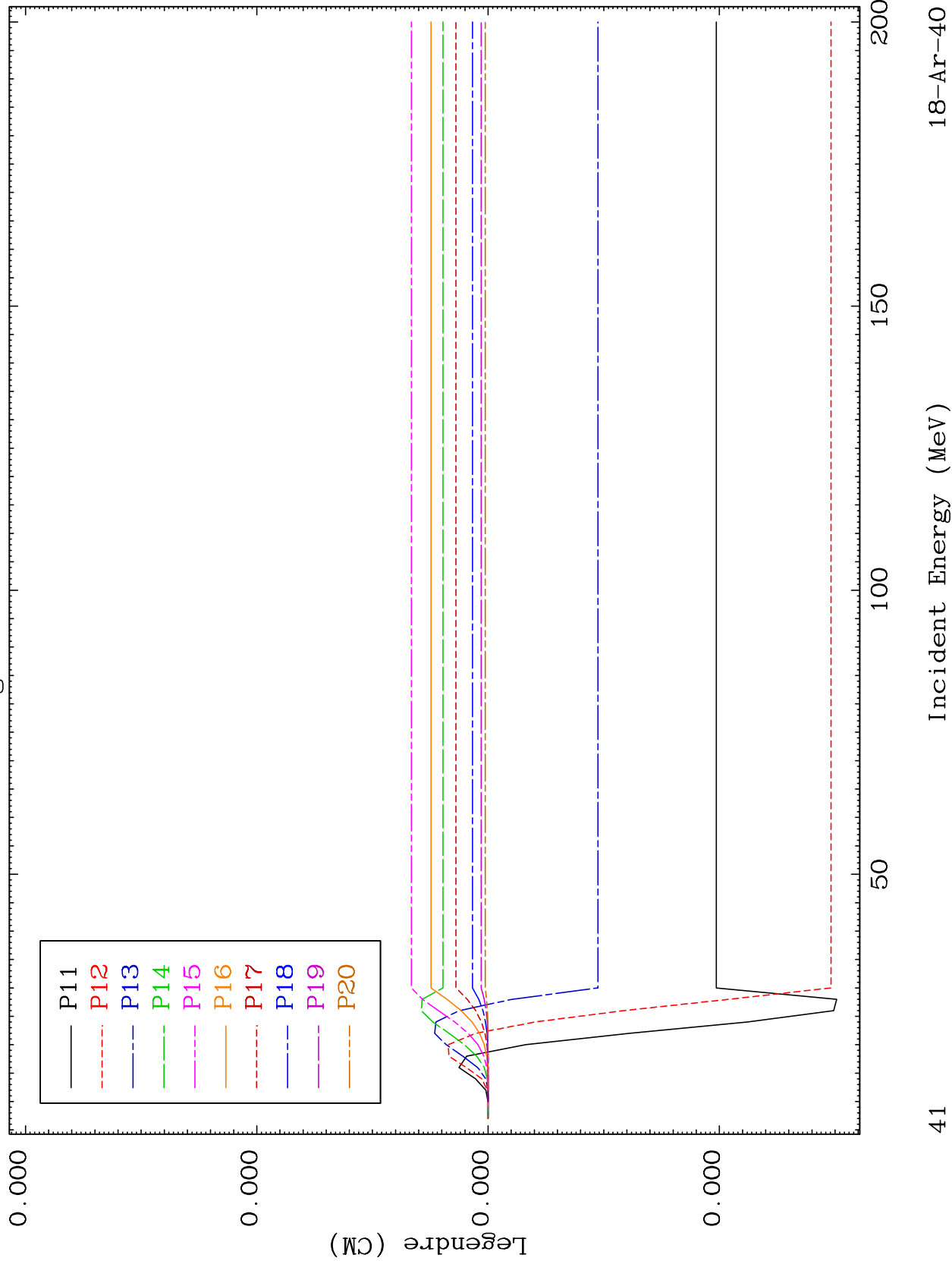
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

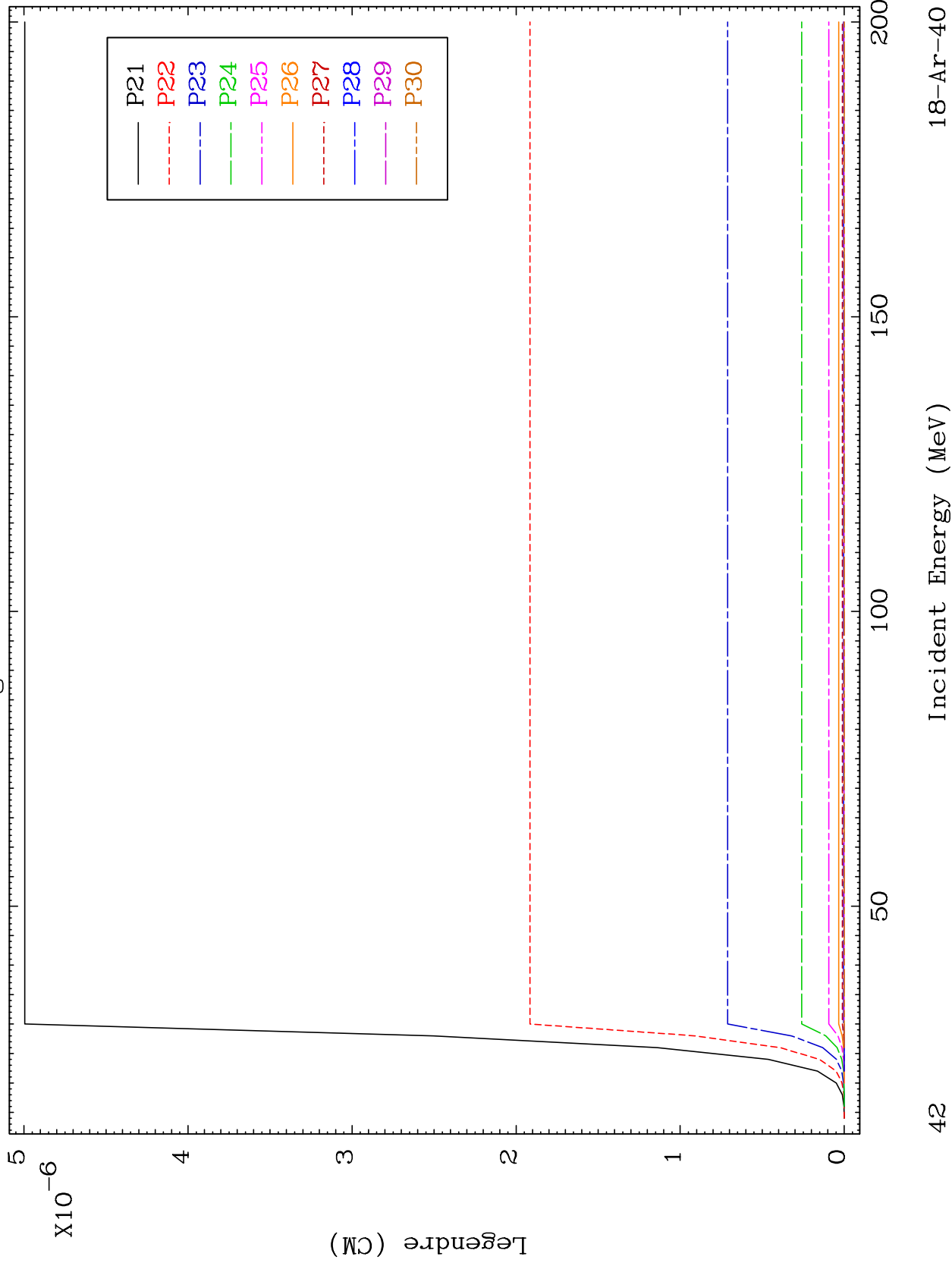
18-Ar-40



MAT 1837

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

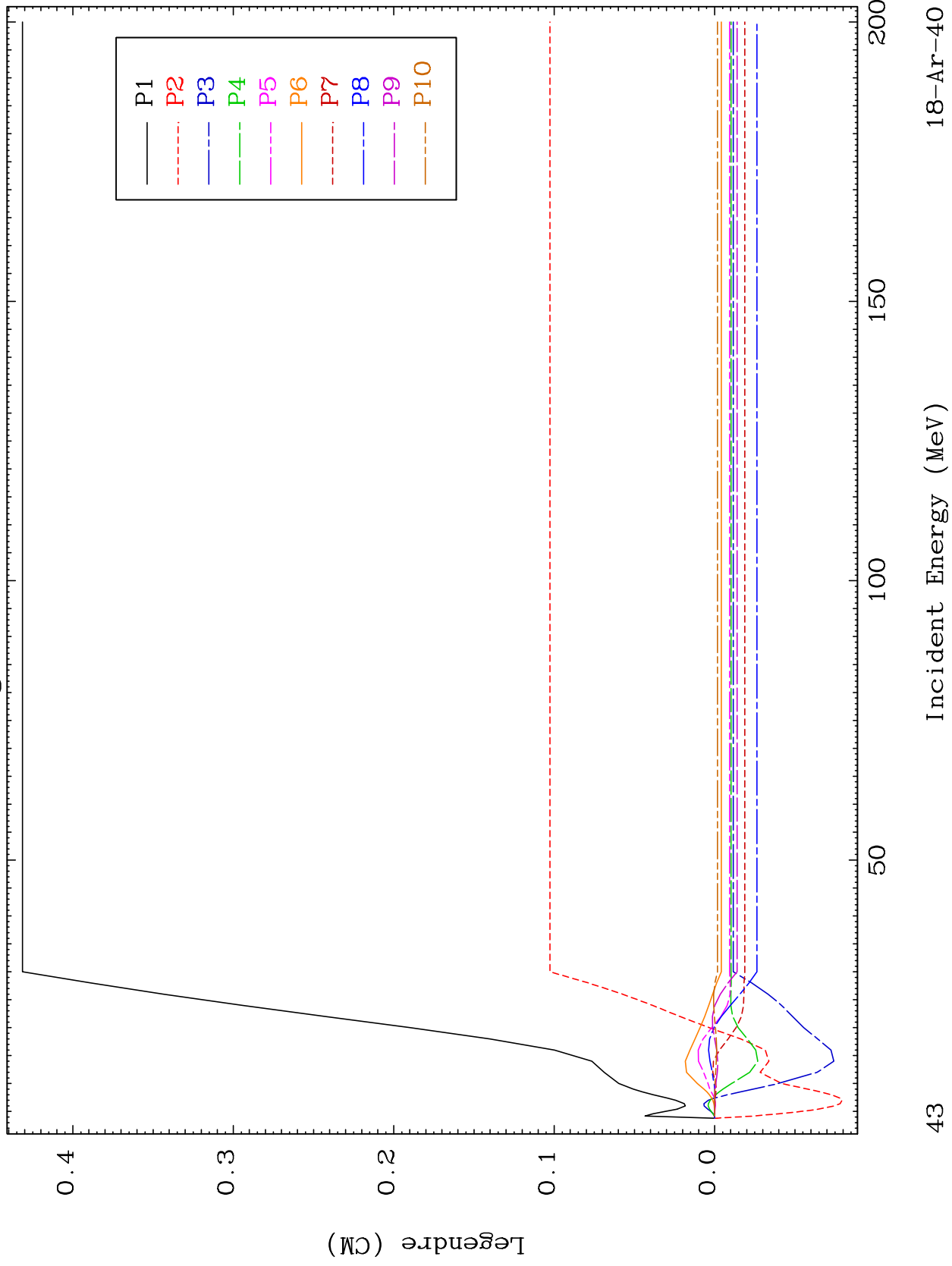
18-Ar-40



MAT 1837

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

18-Ar-40



43

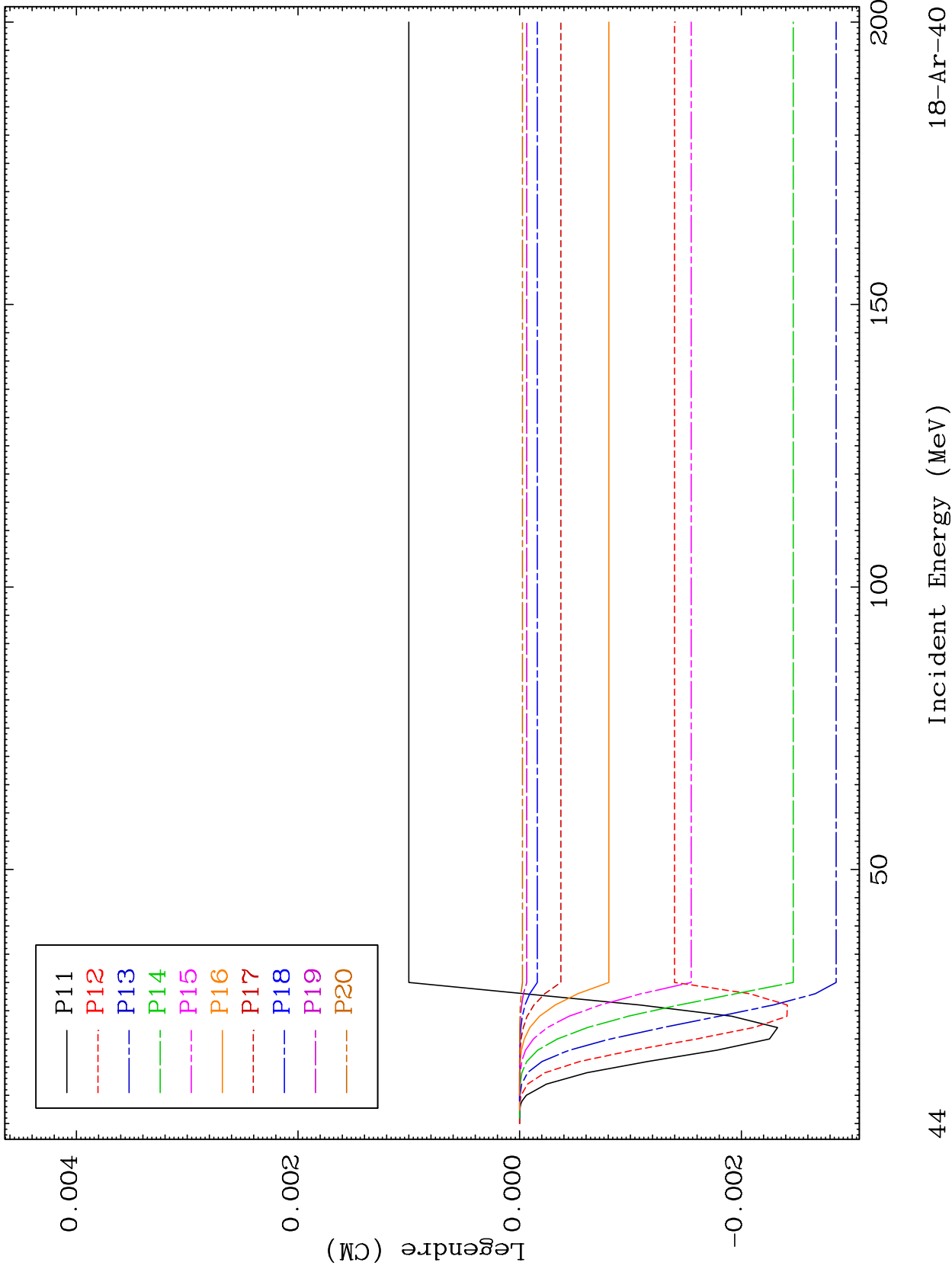
Incident Energy (MeV)

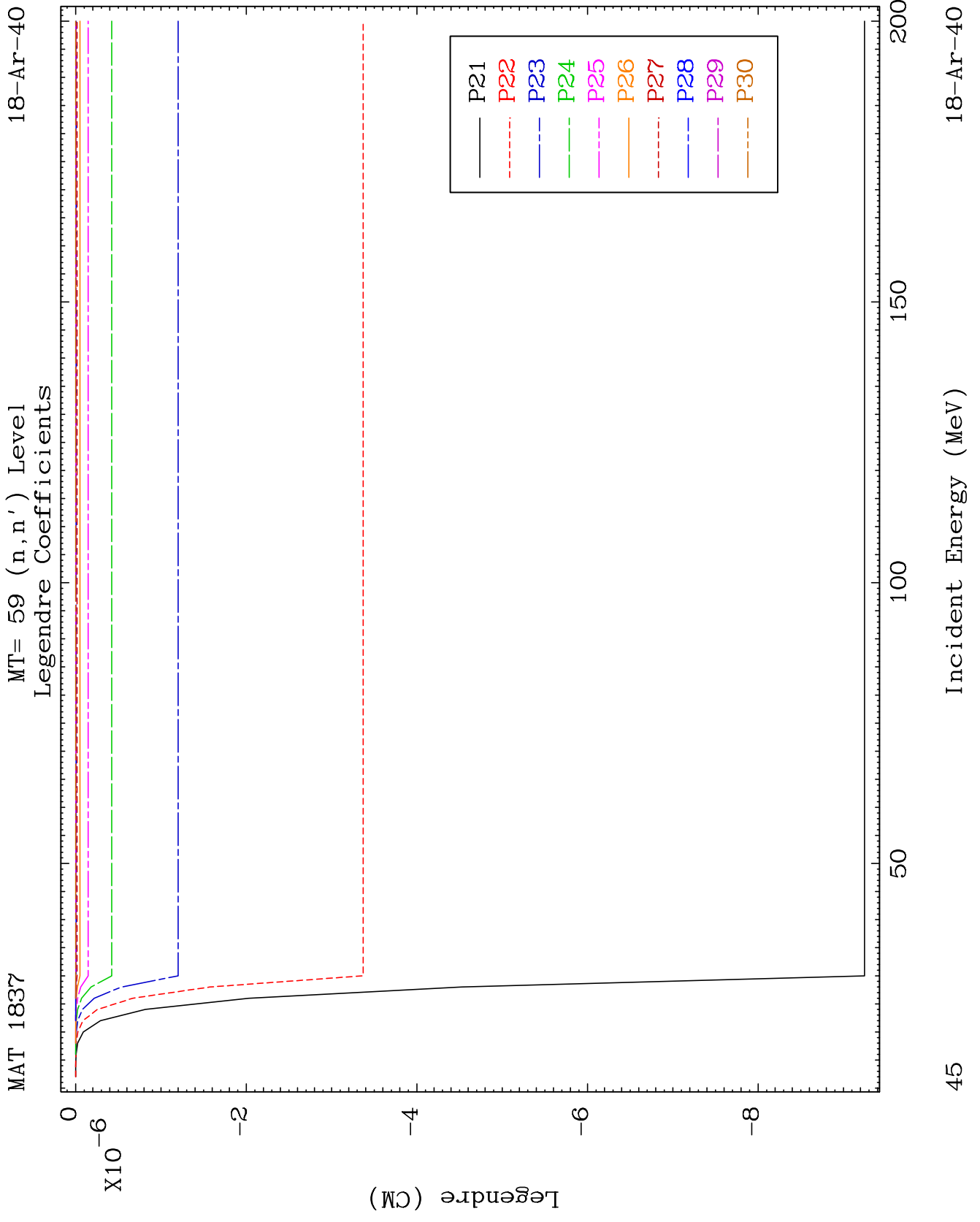
18-Ar-40

MAT 1837

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

18-Ar-40

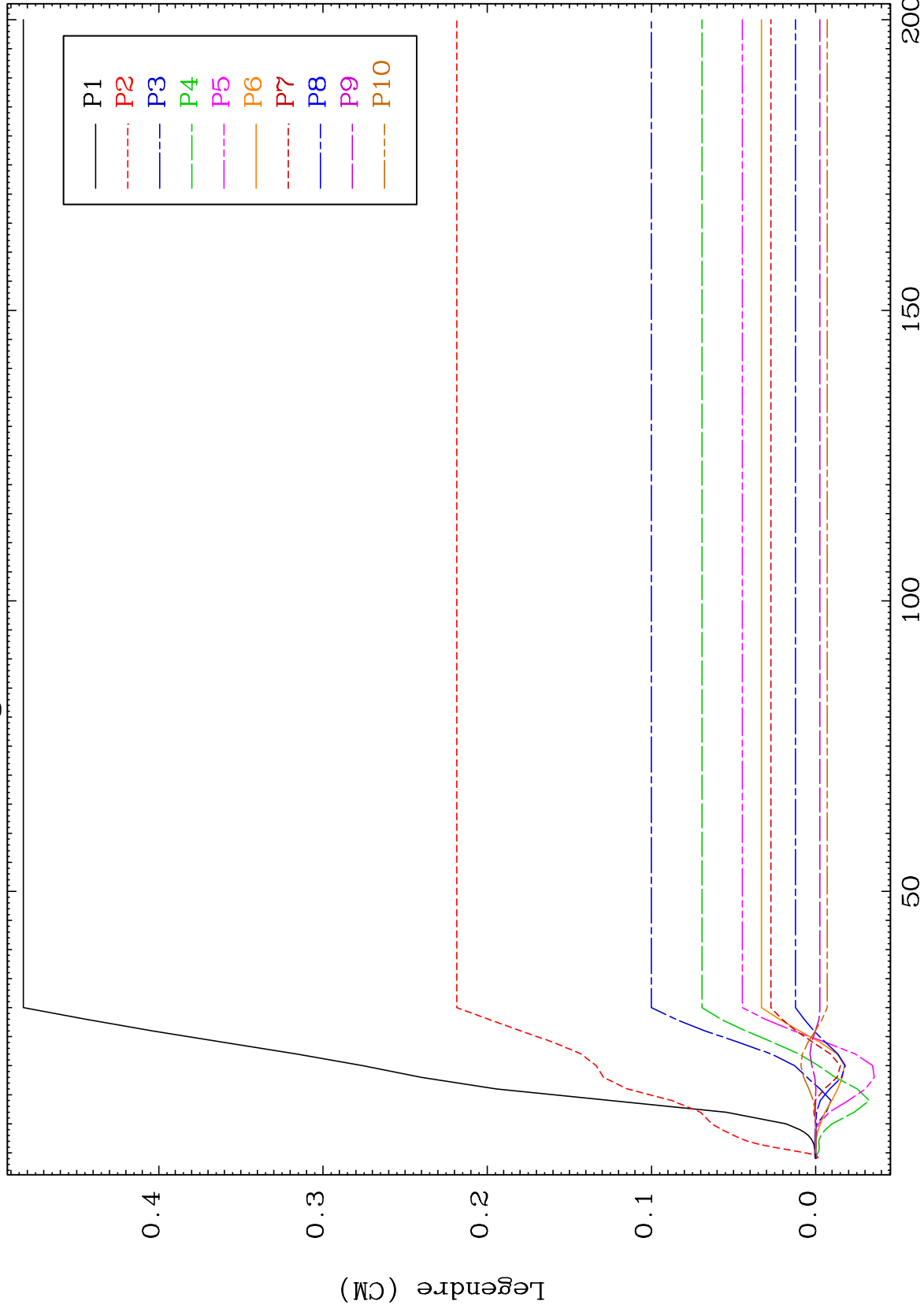




MAT 1837

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

18-Ar-40



46

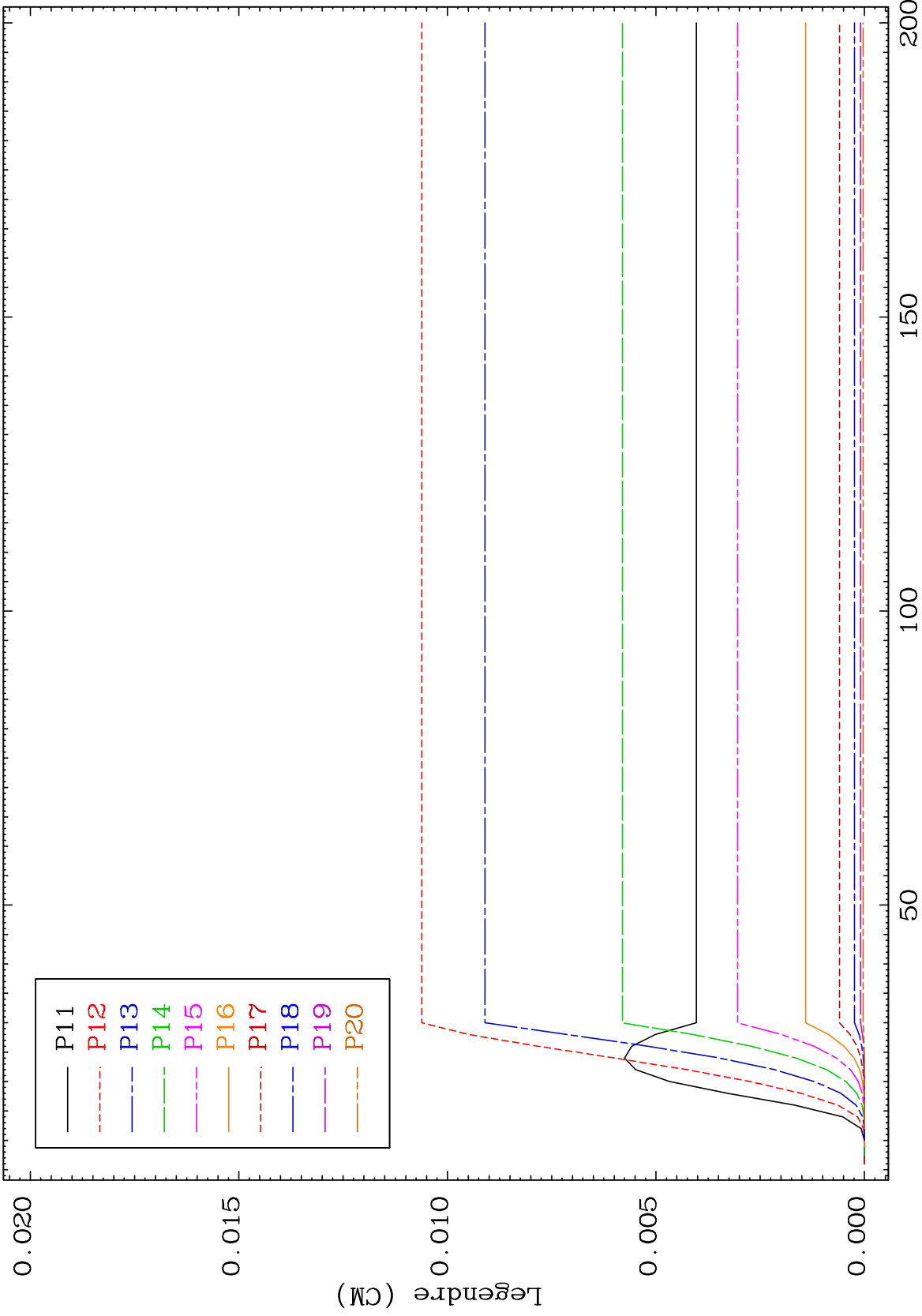
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



47

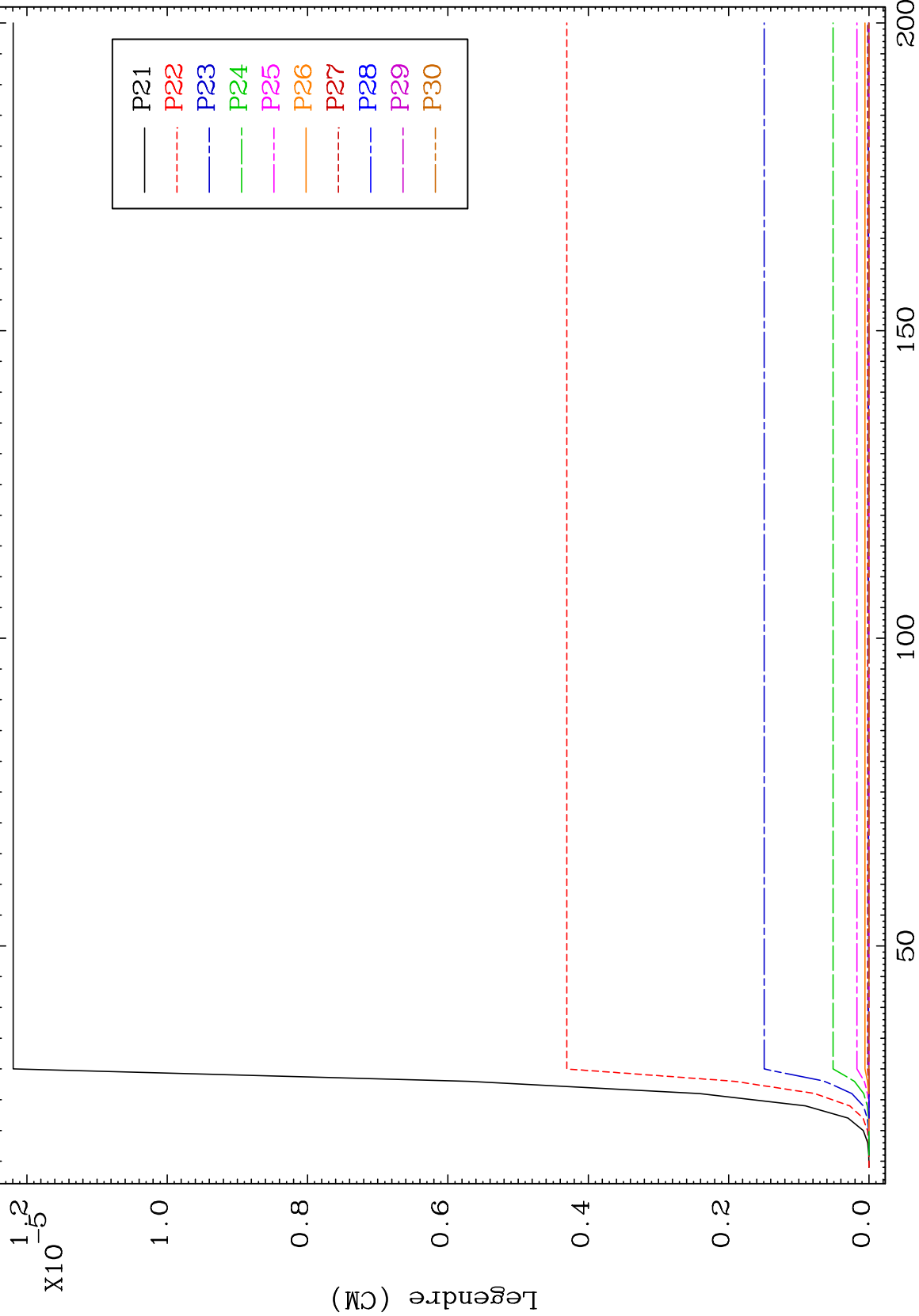
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



48

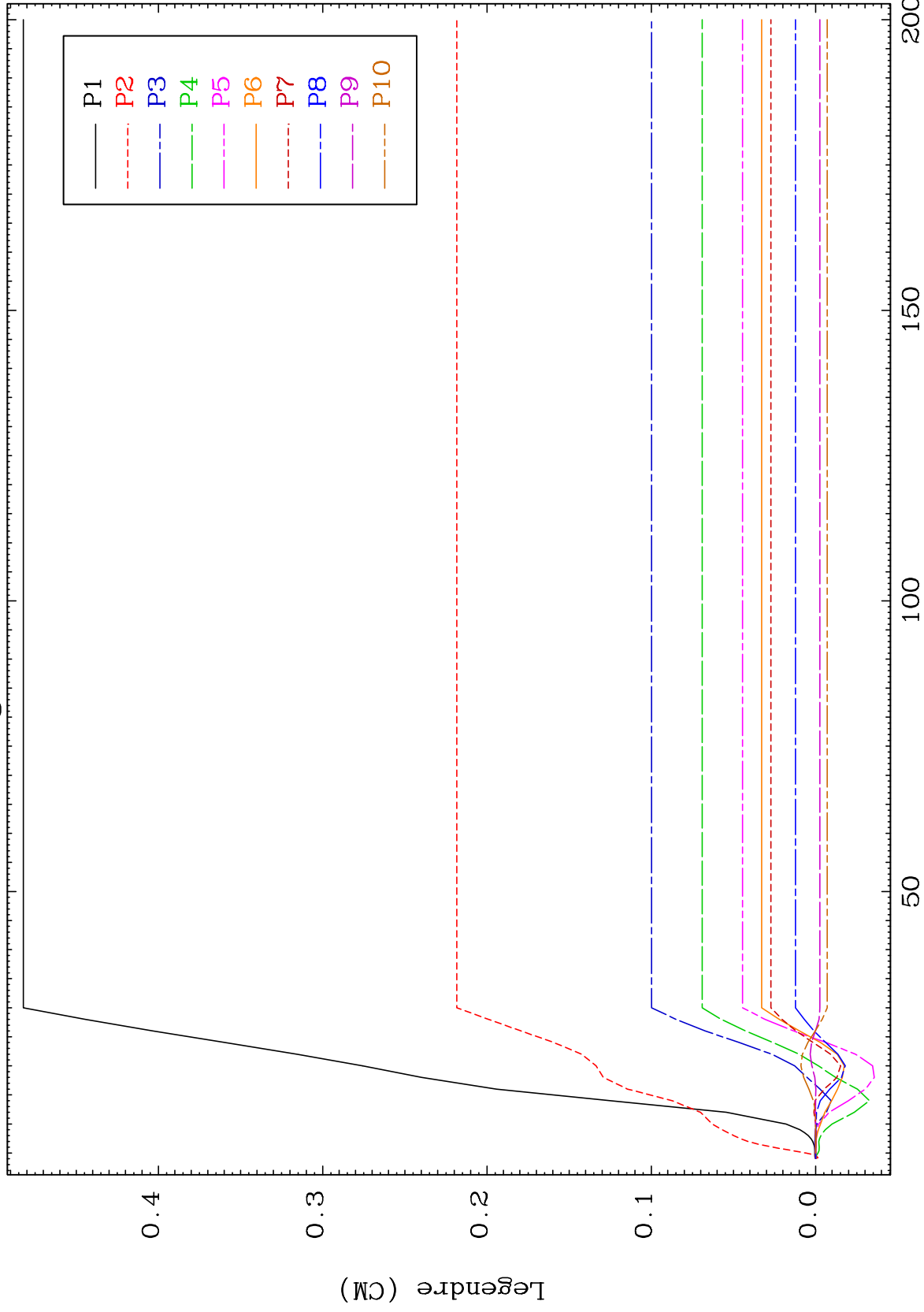
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



49

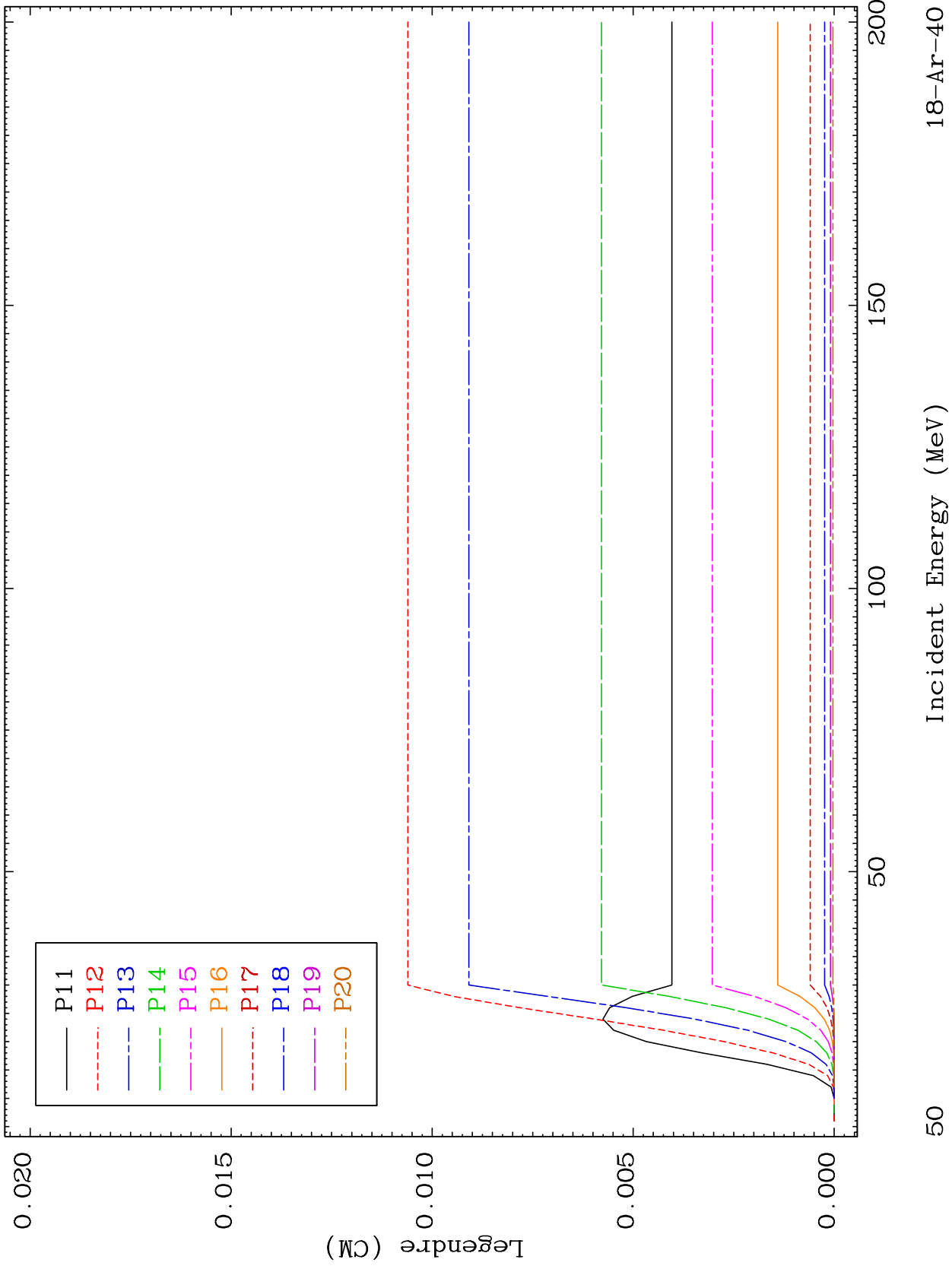
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



18-Ar-40

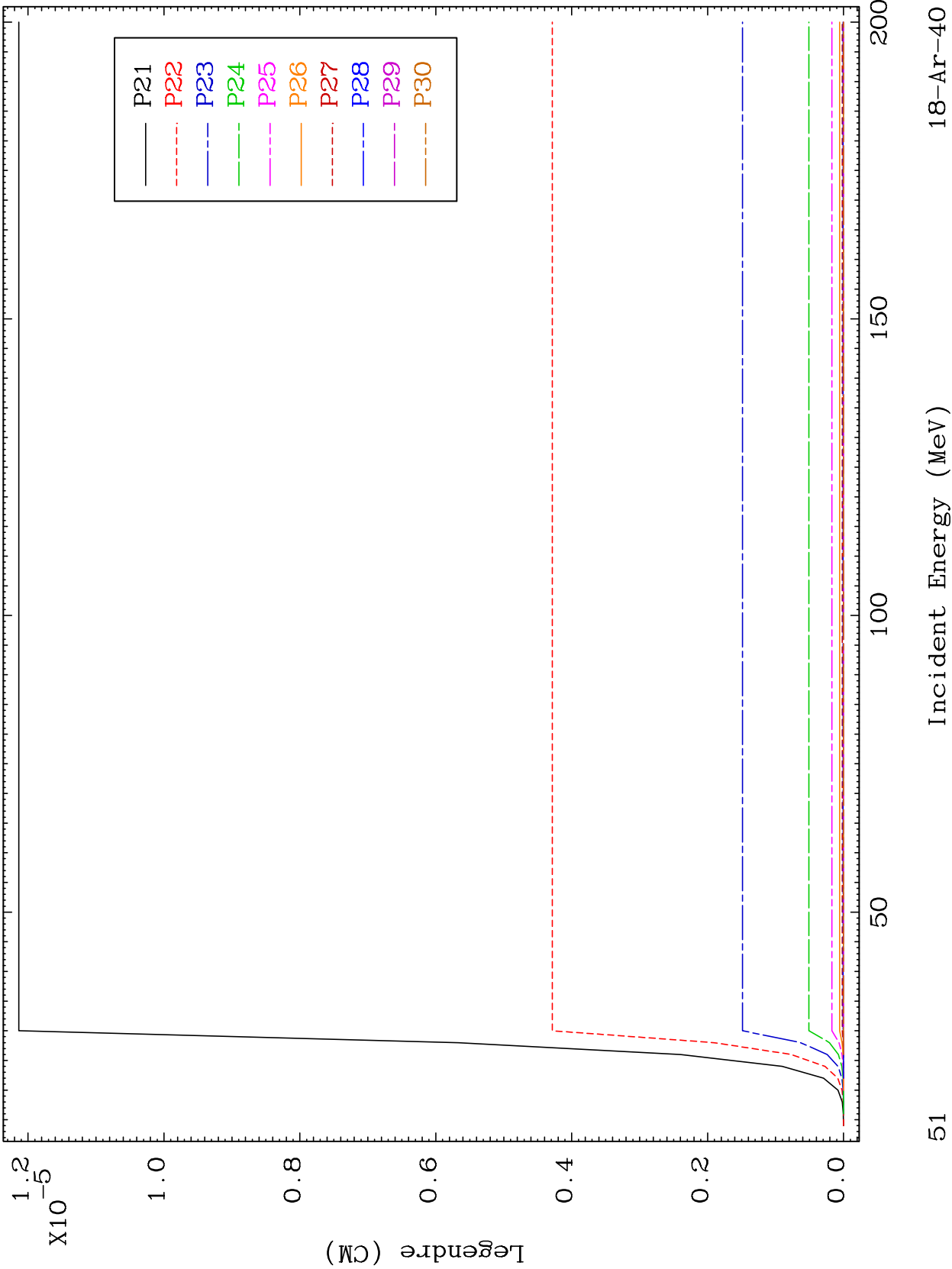
Incident Energy (MeV)

50

MAT 1837

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

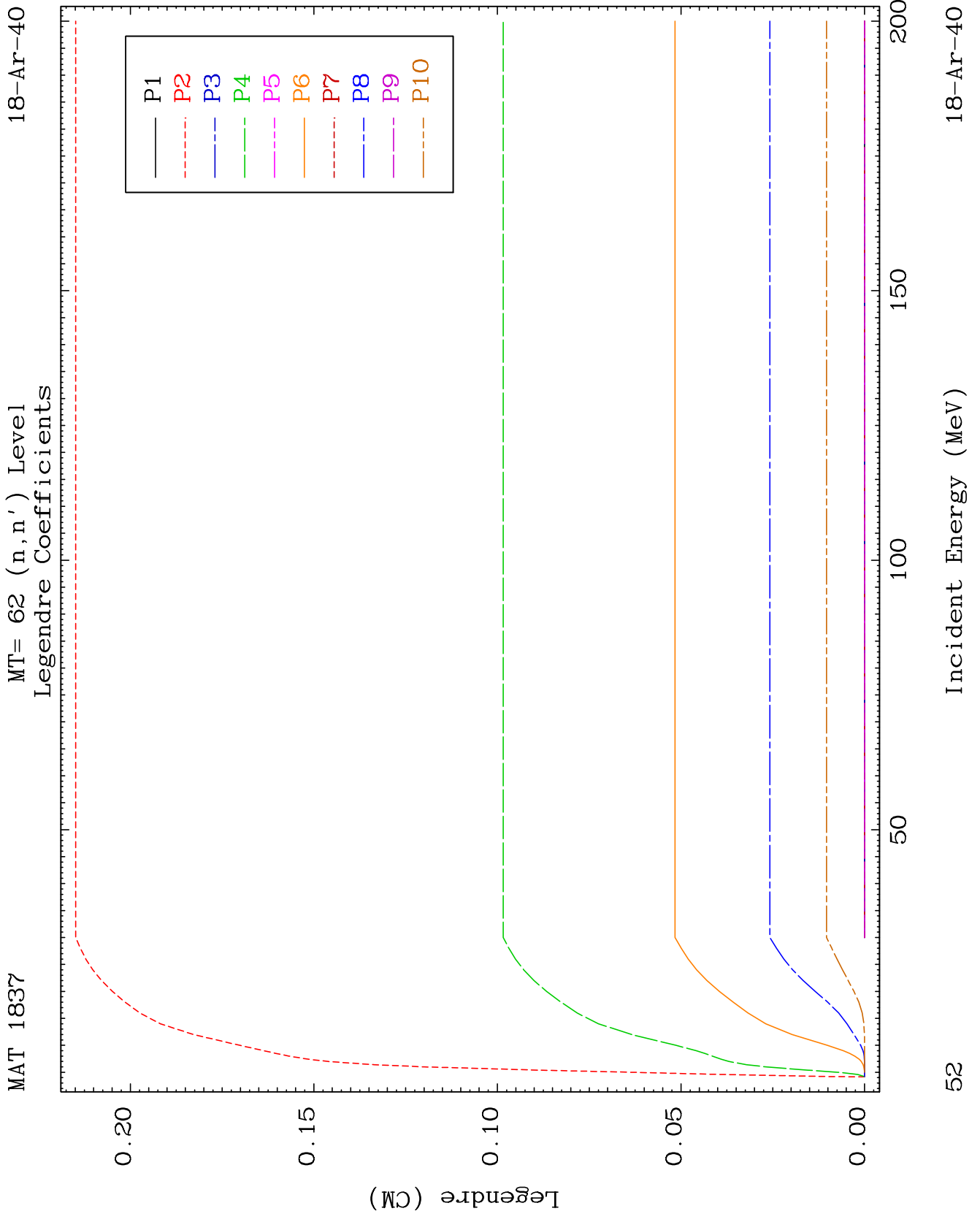
18-Ar-40

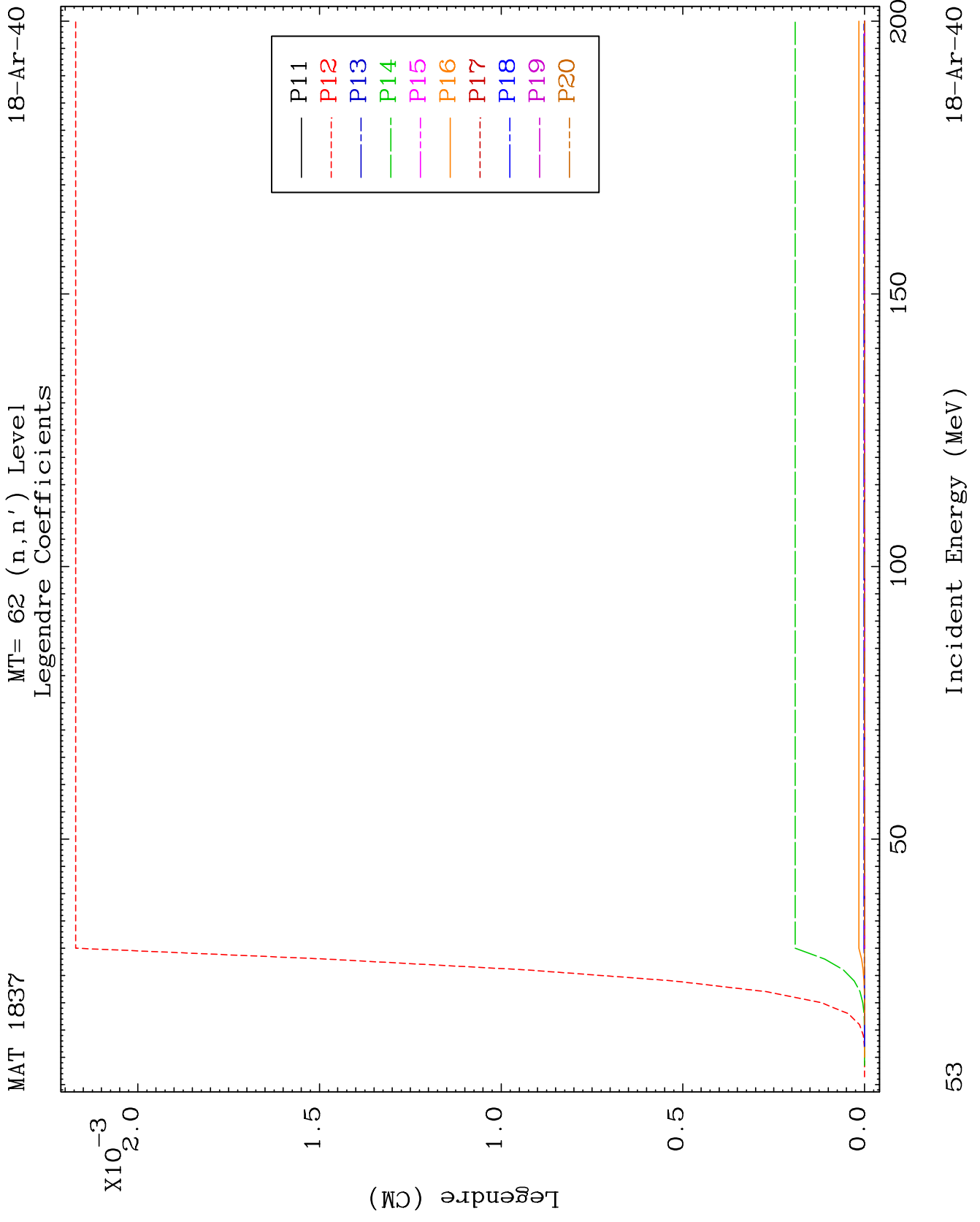


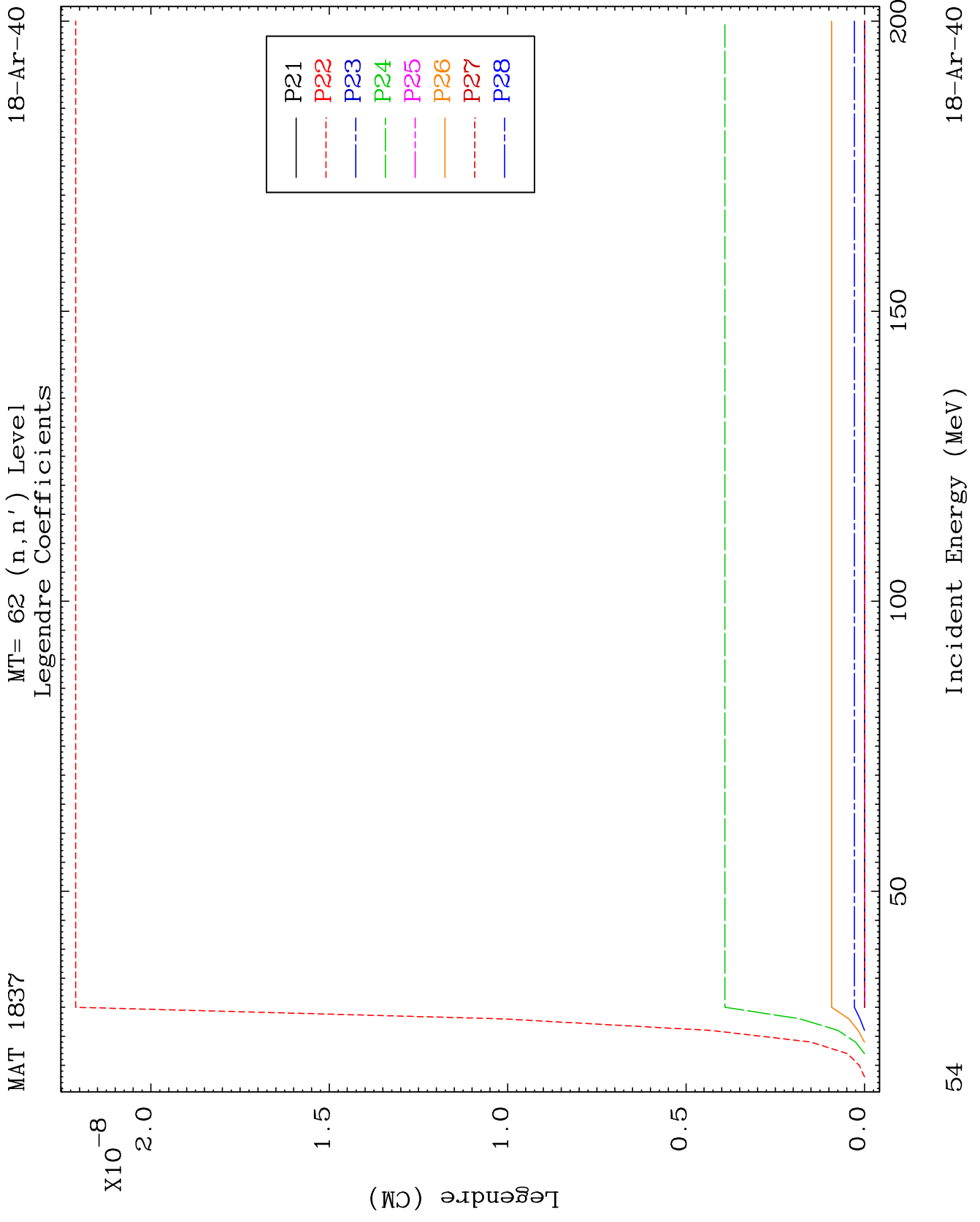
51

Incident Energy (MeV)

18-Ar-40



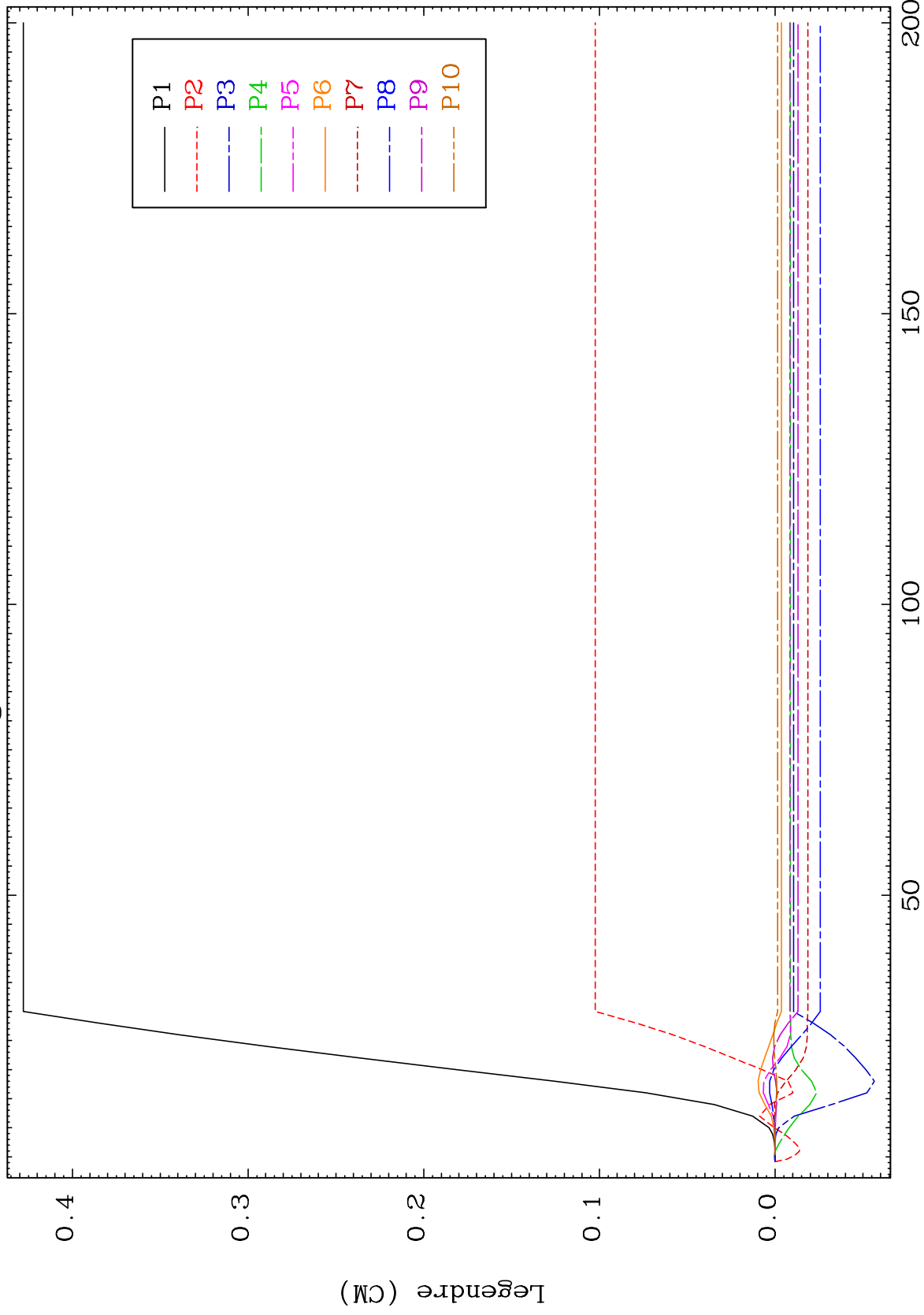




MAT 1837

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

18-Ar-40



55

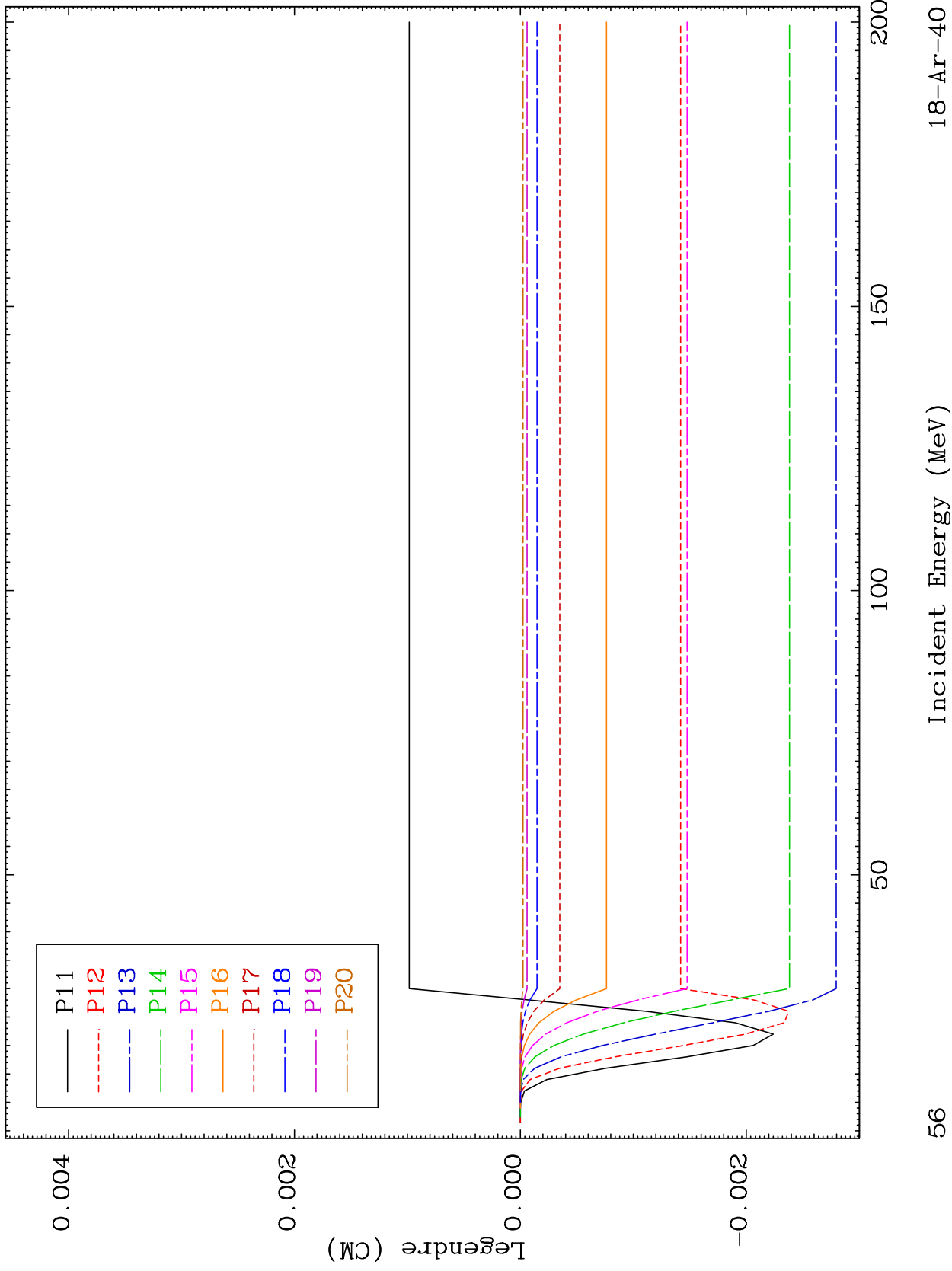
Incident Energy (MeV)

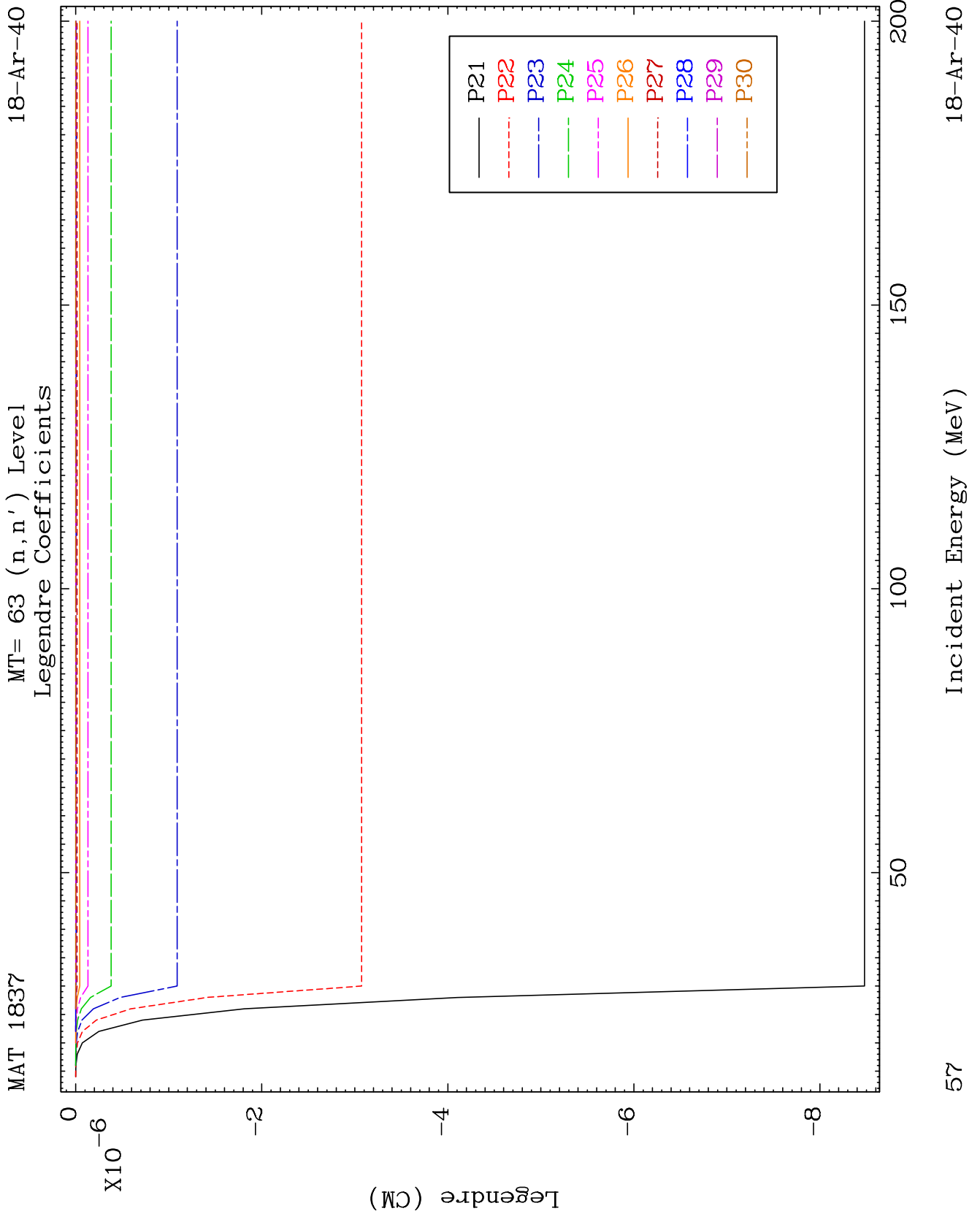
18-Ar-40

MAT 1837

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

18-Ar-40

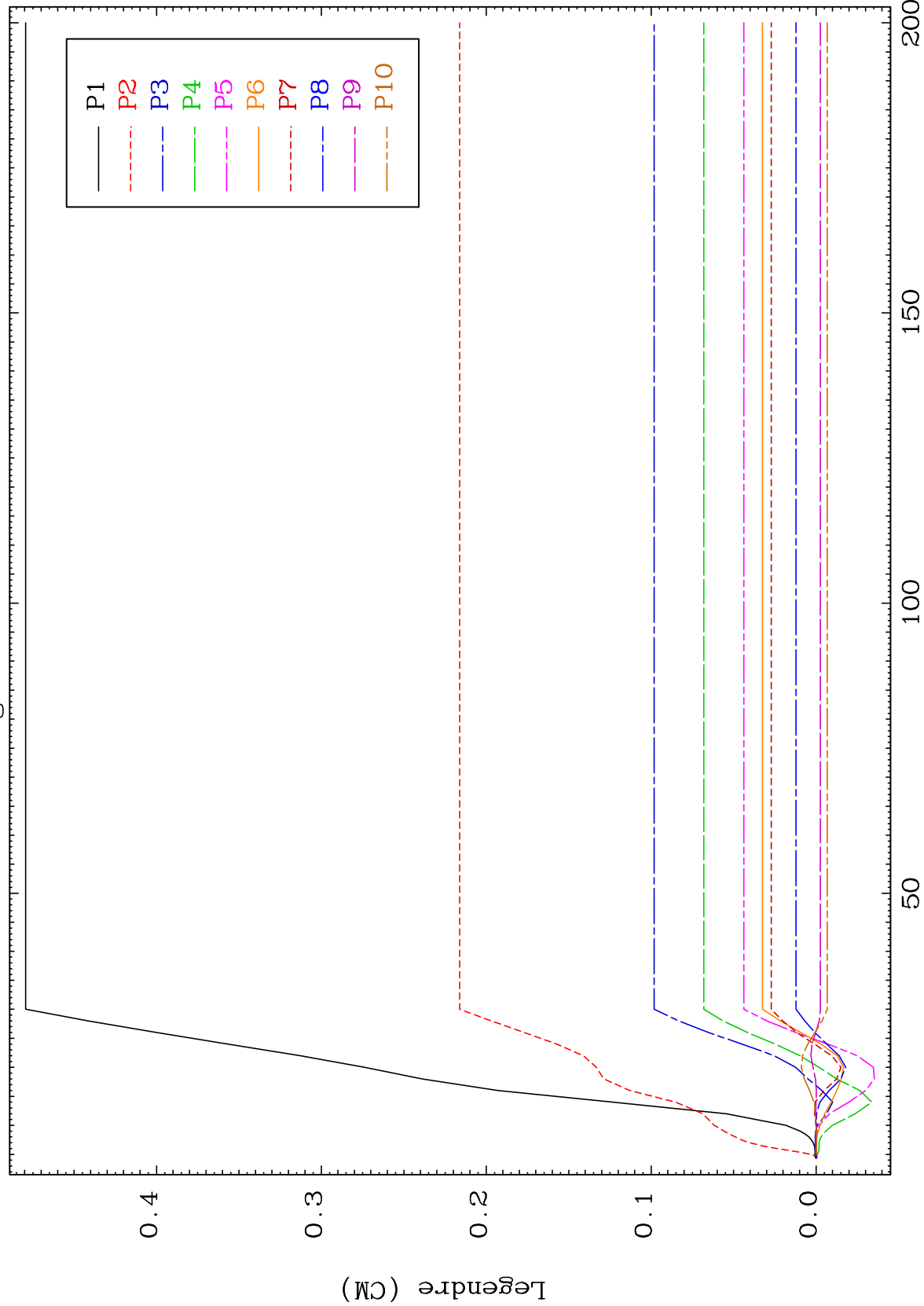




MAT 1837

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

18-Ar-40



58

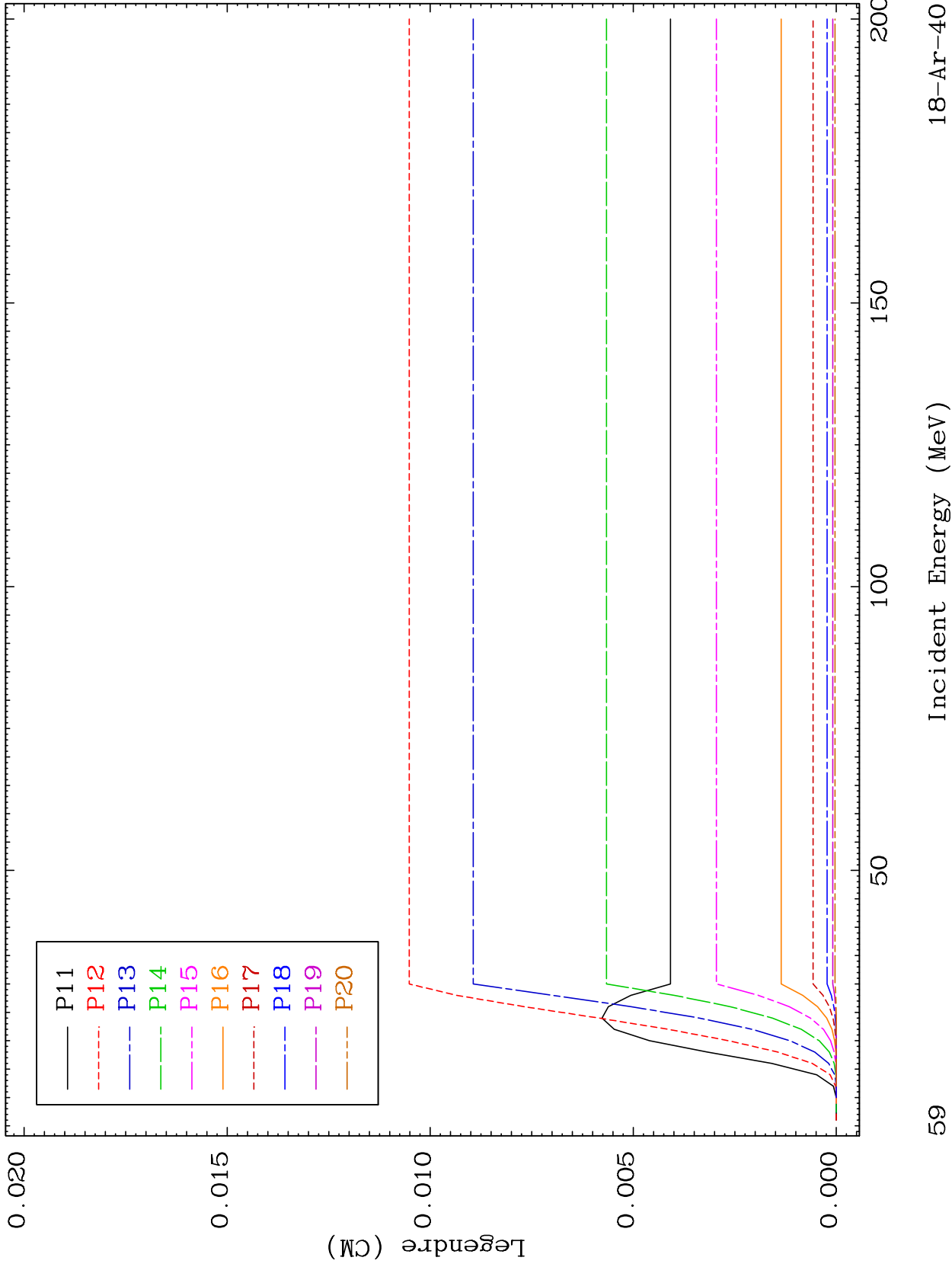
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

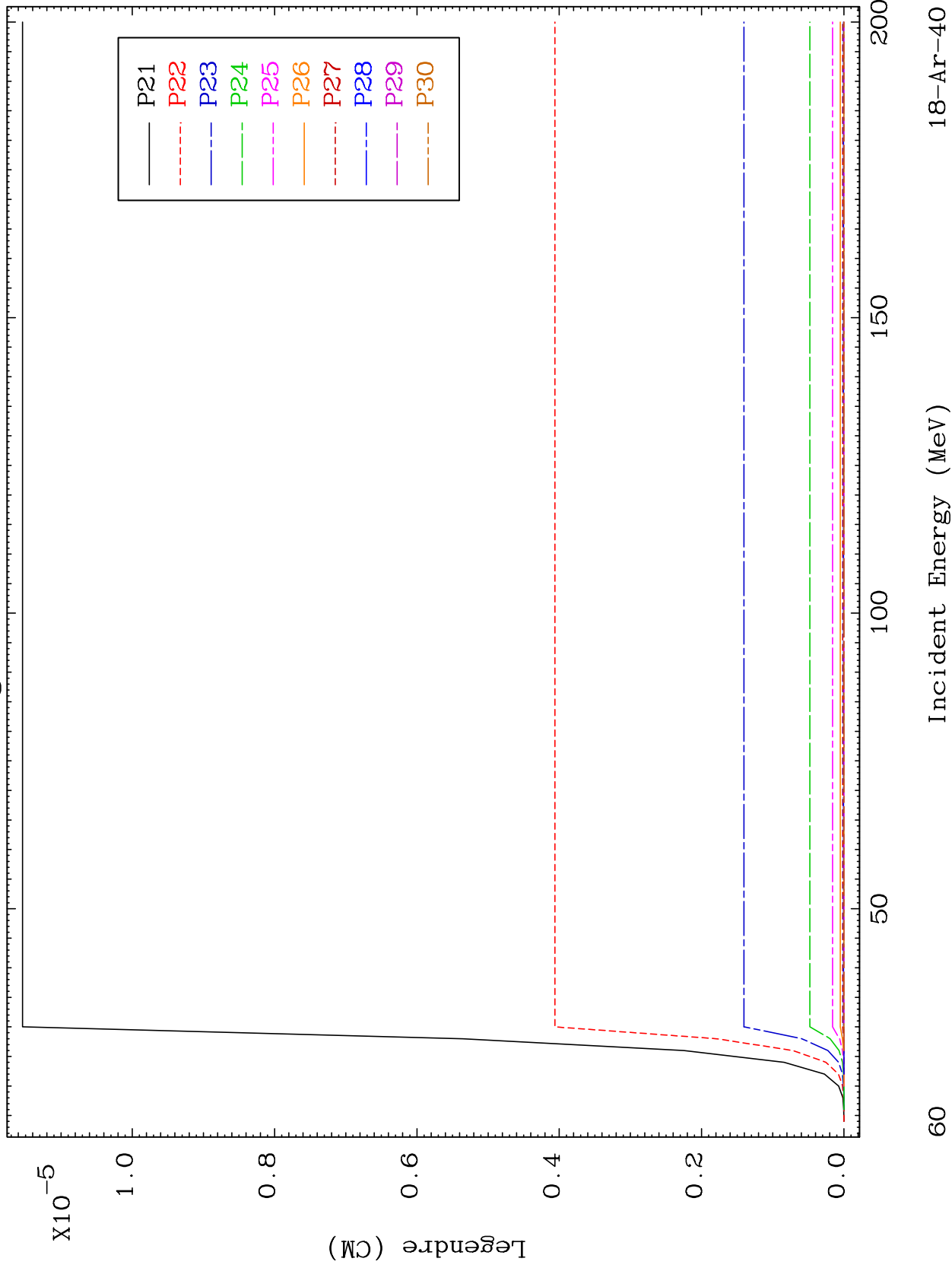
18-Ar-40



MAT 1837

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

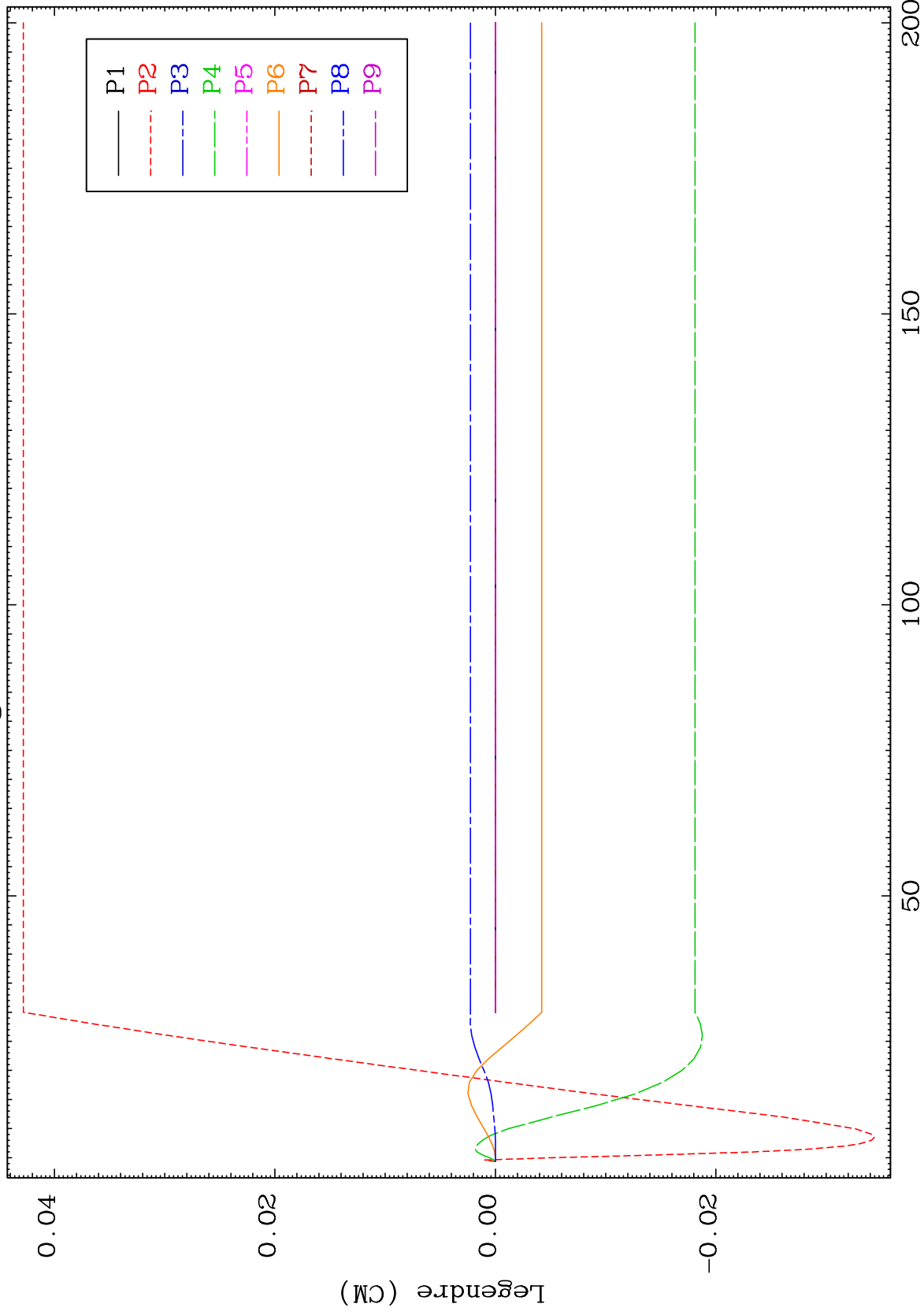
18-Ar-40



MAT 1837

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

18-Ar-40



61

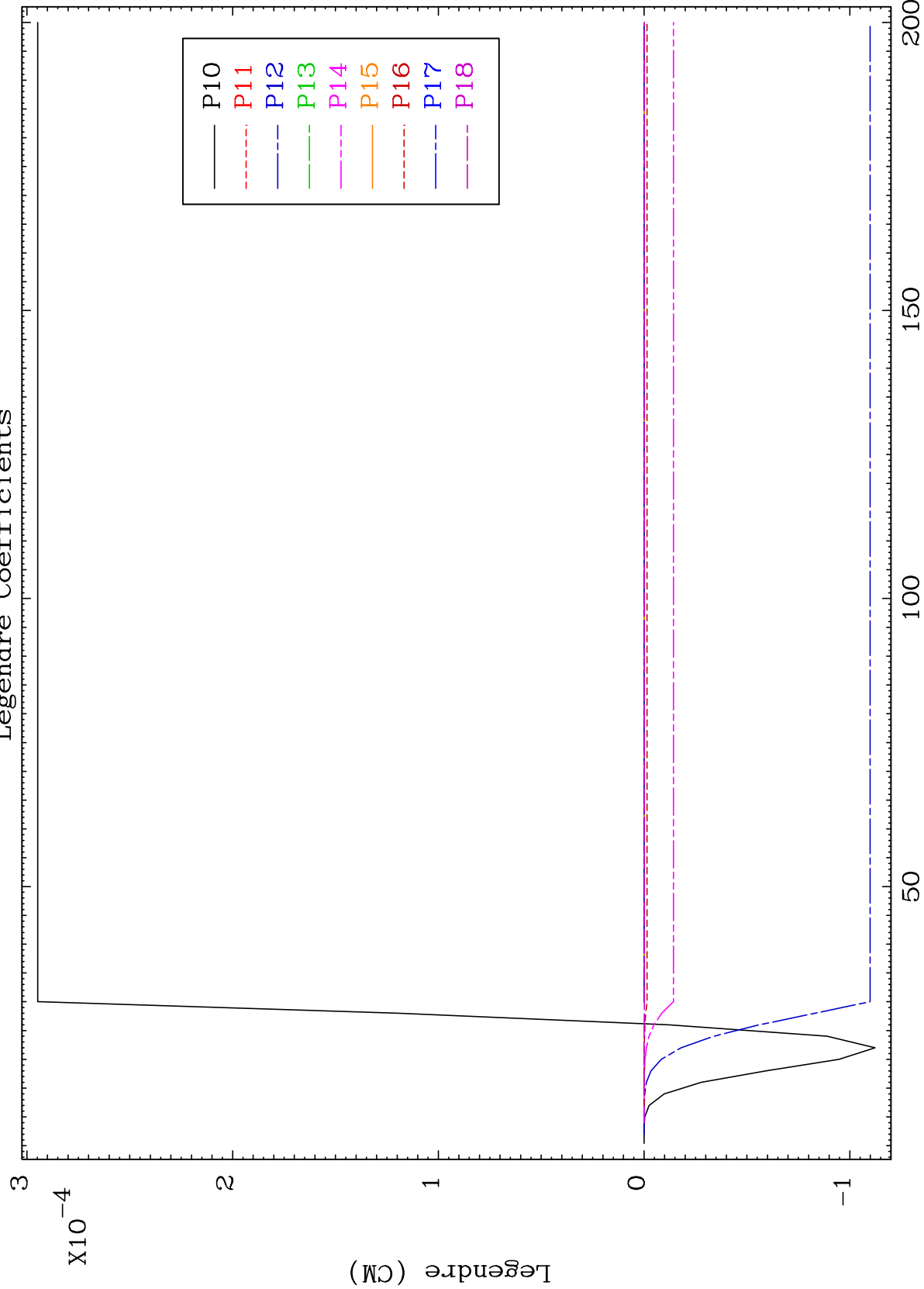
Incident Energy (MeV)

18-Ar-40

MAT 1837

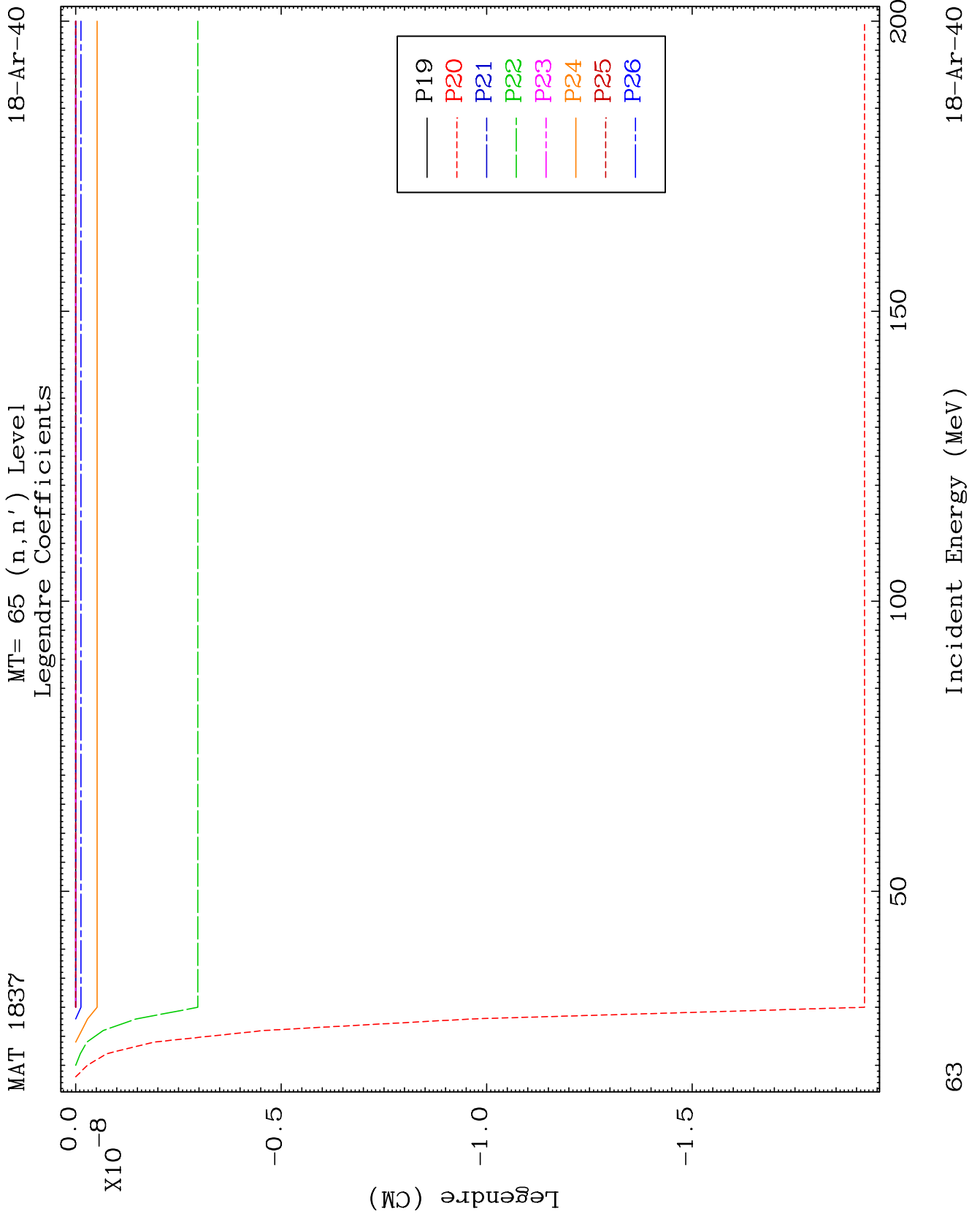
MT= 65 (n,n') Level
Legendre Coefficients

18-Ar-40



62

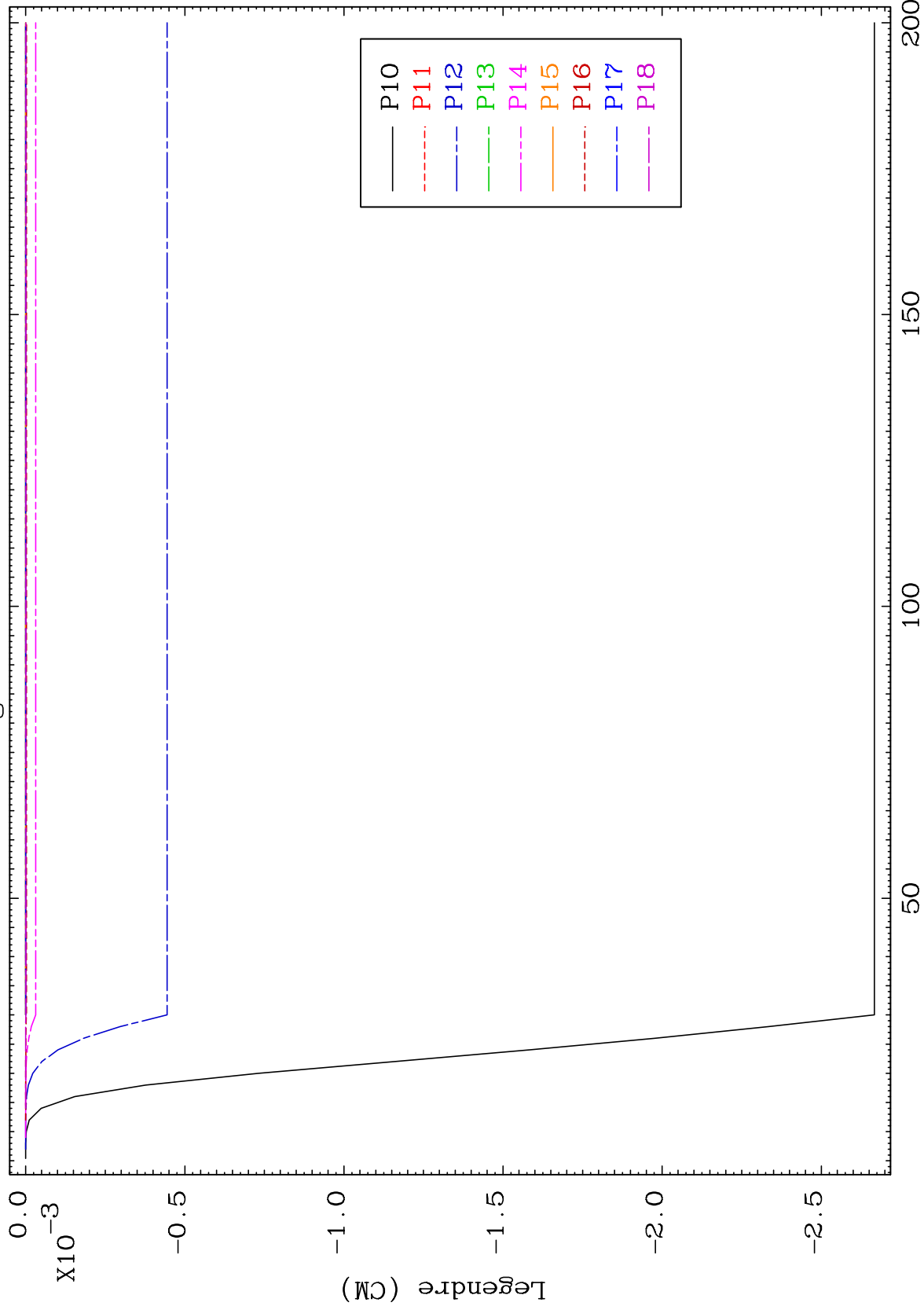
18-Ar-40



MAT 1837

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

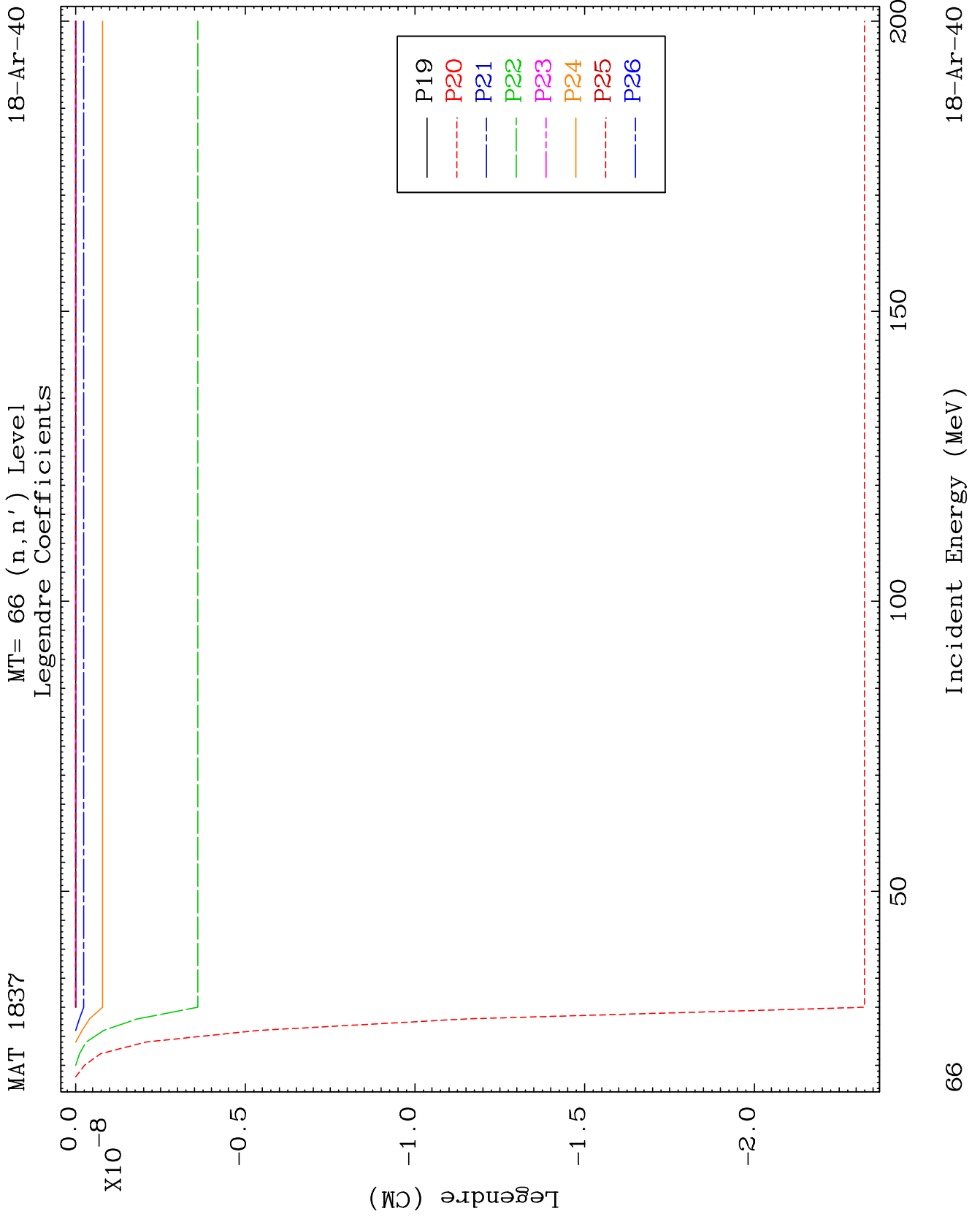
18-Ar-40

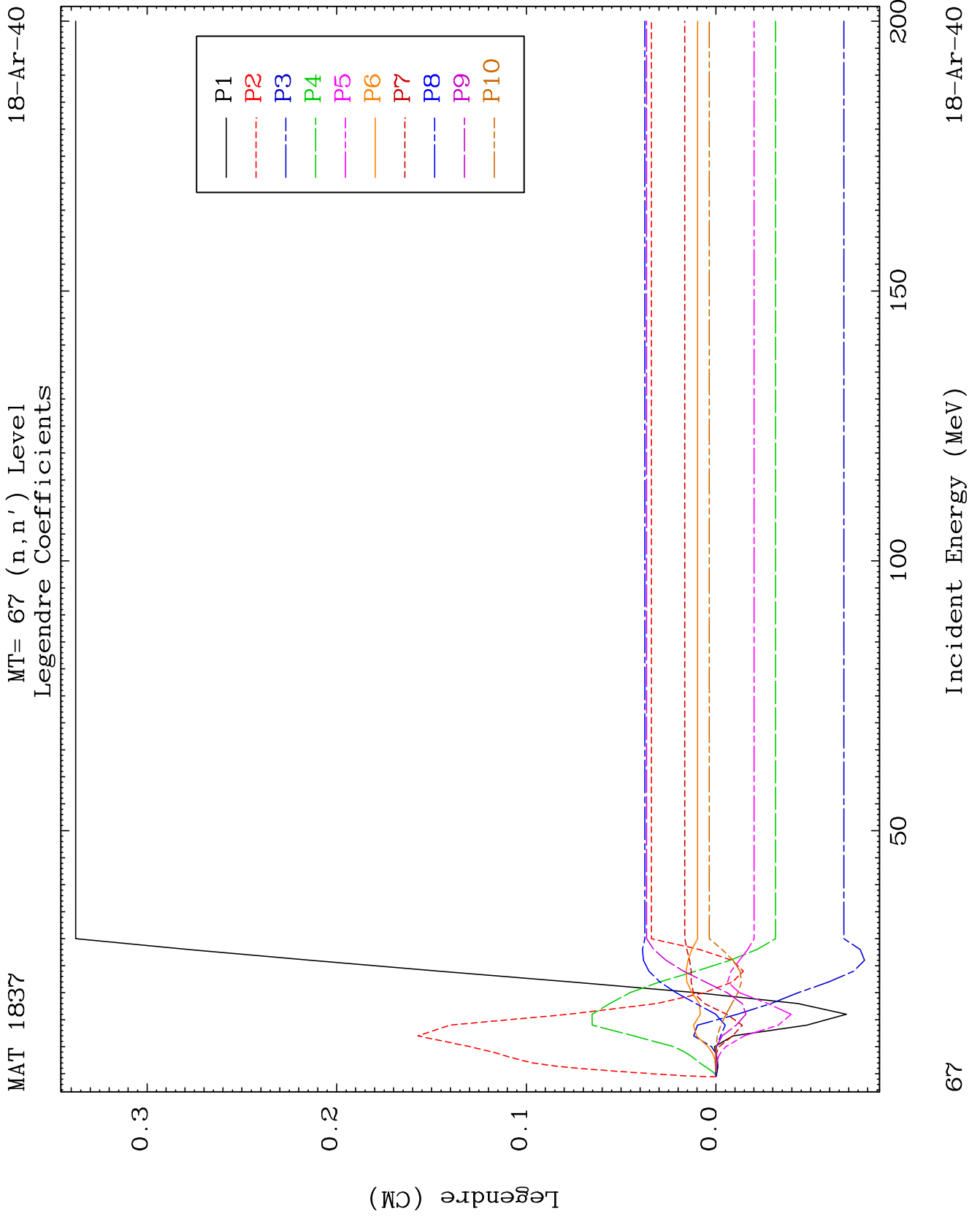


65

Incident Energy (MeV)

18-Ar-40

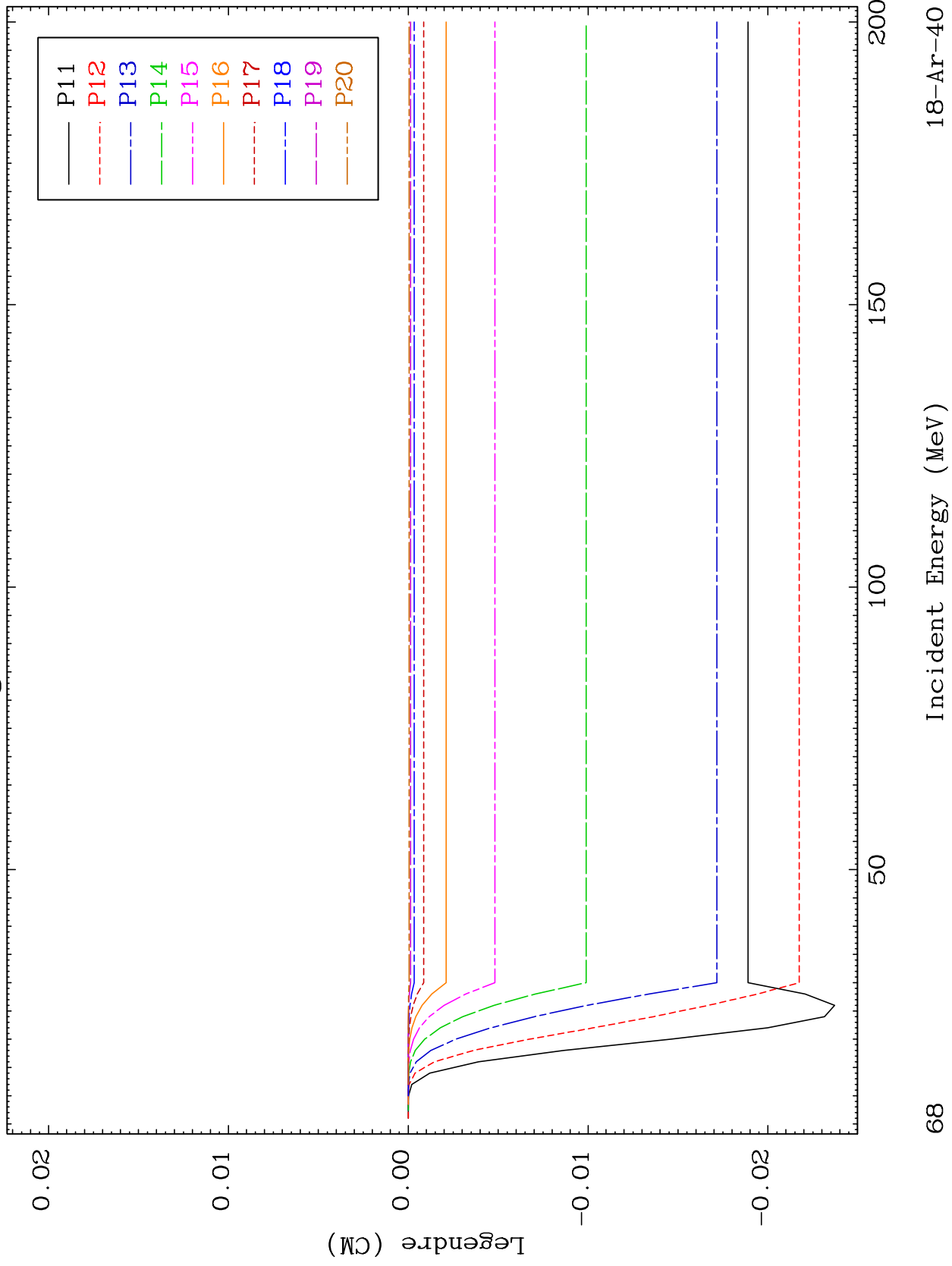




MAT 1837

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

18-Ar-40



68

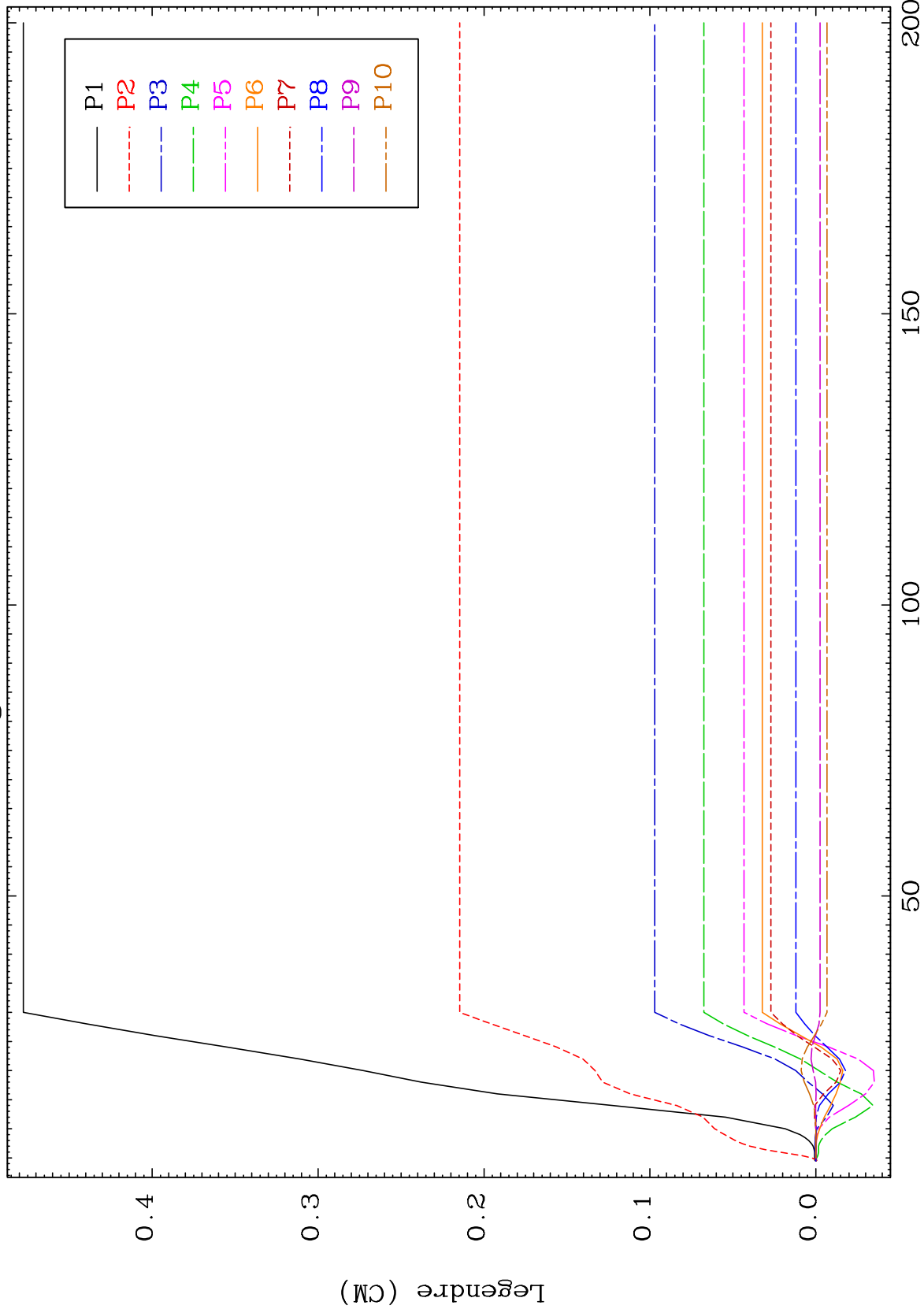
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



70

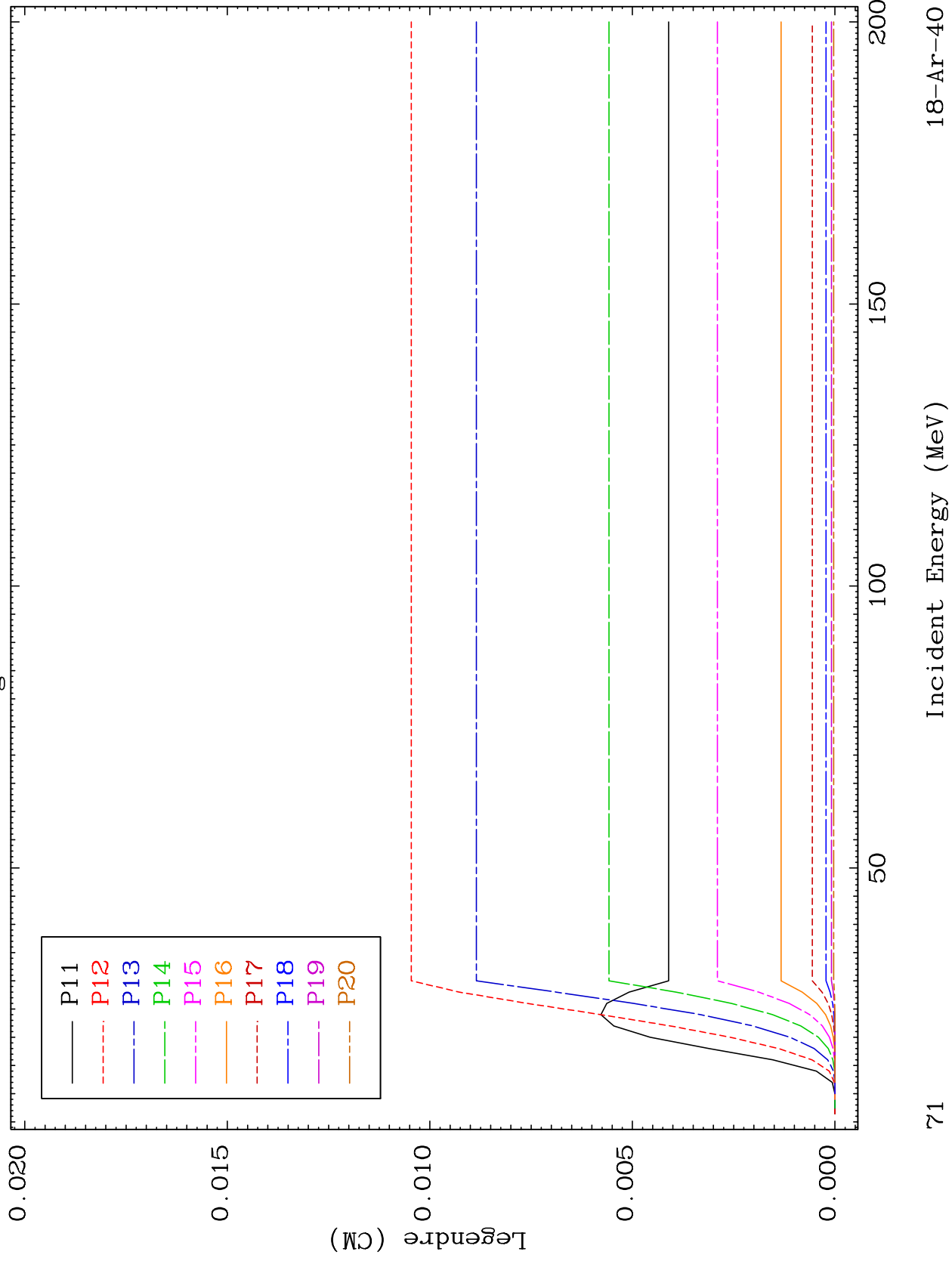
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

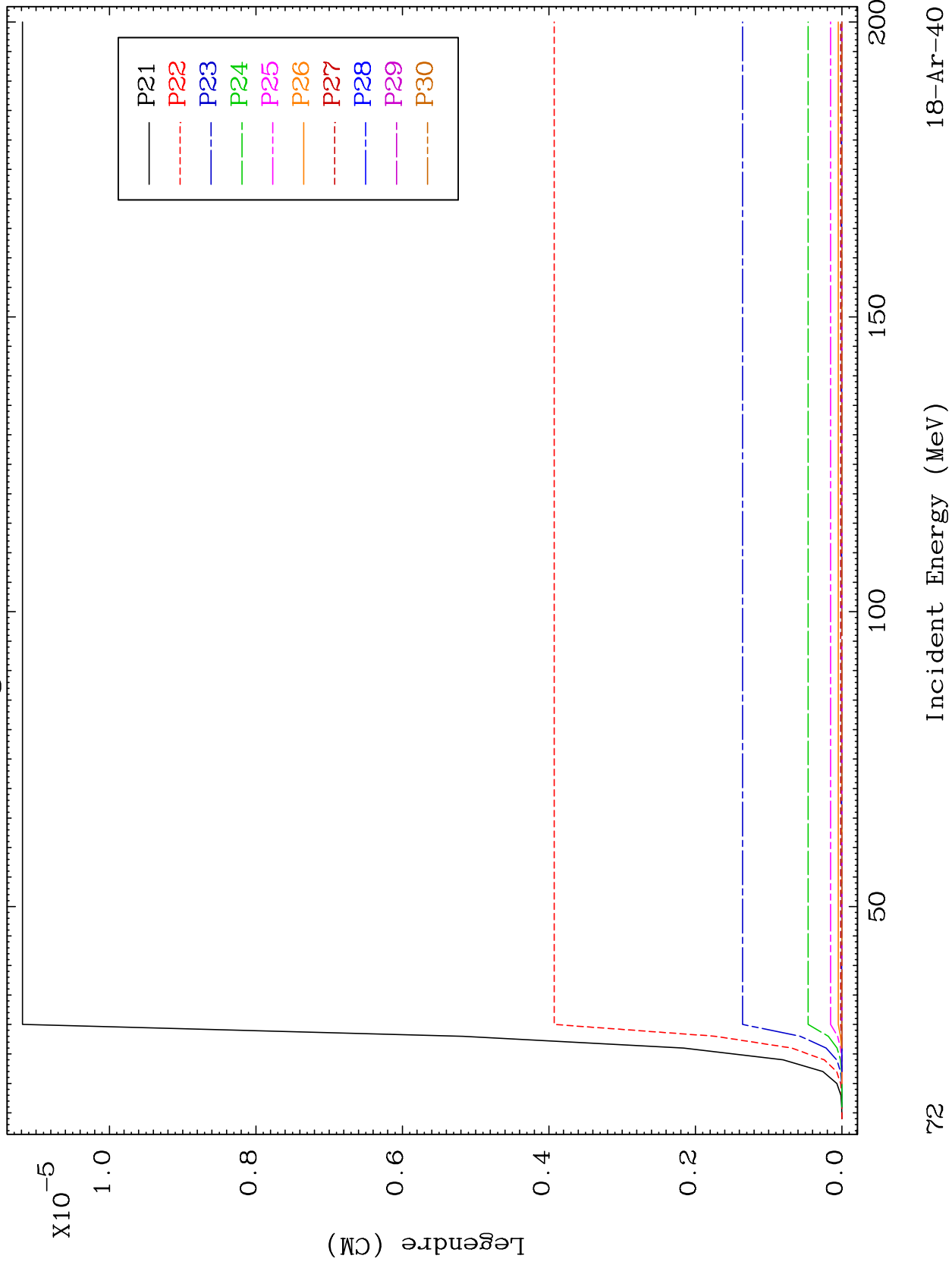
18-Ar-40



MAT 1837

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

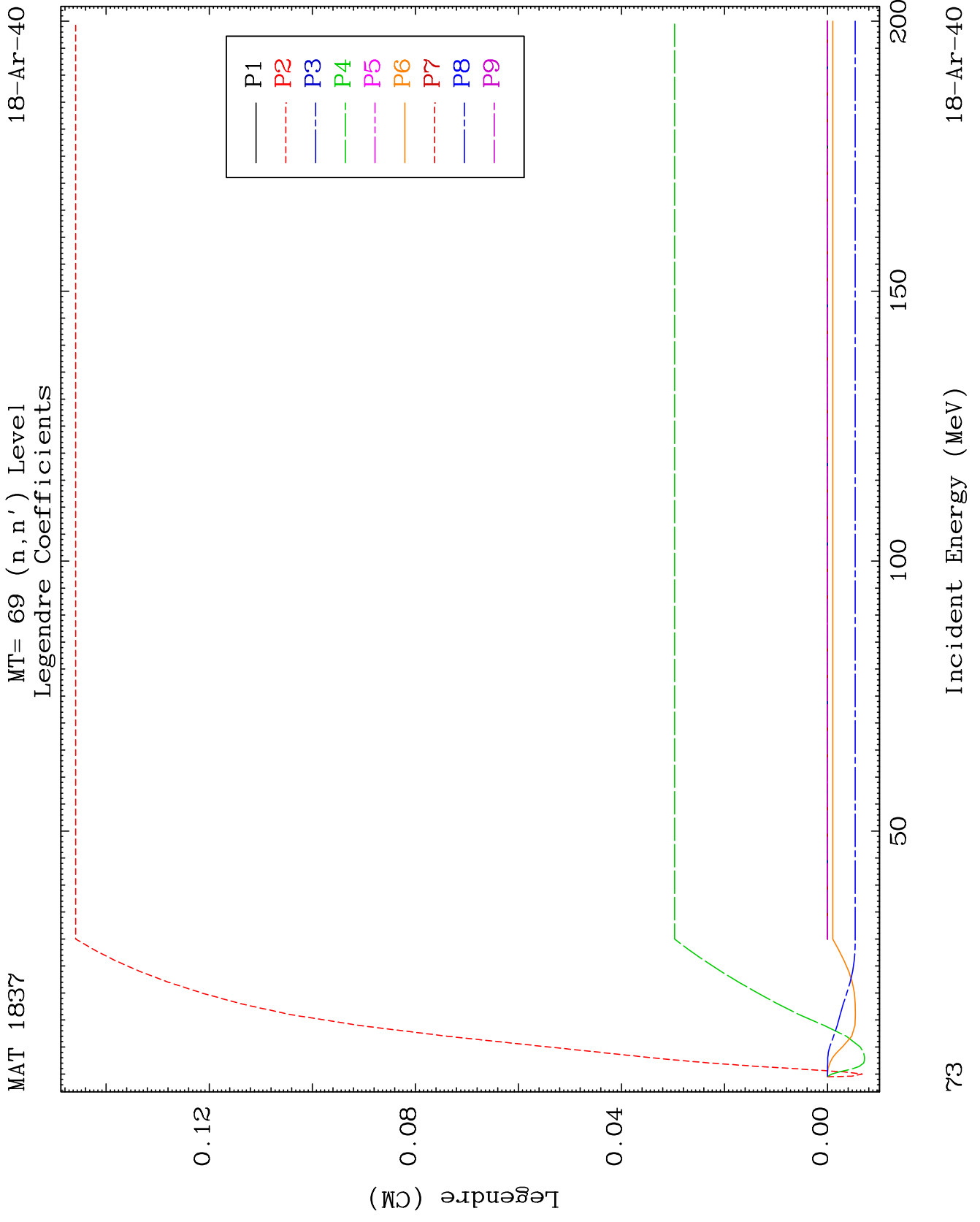
18-Ar-40



72

Incident Energy (MeV)

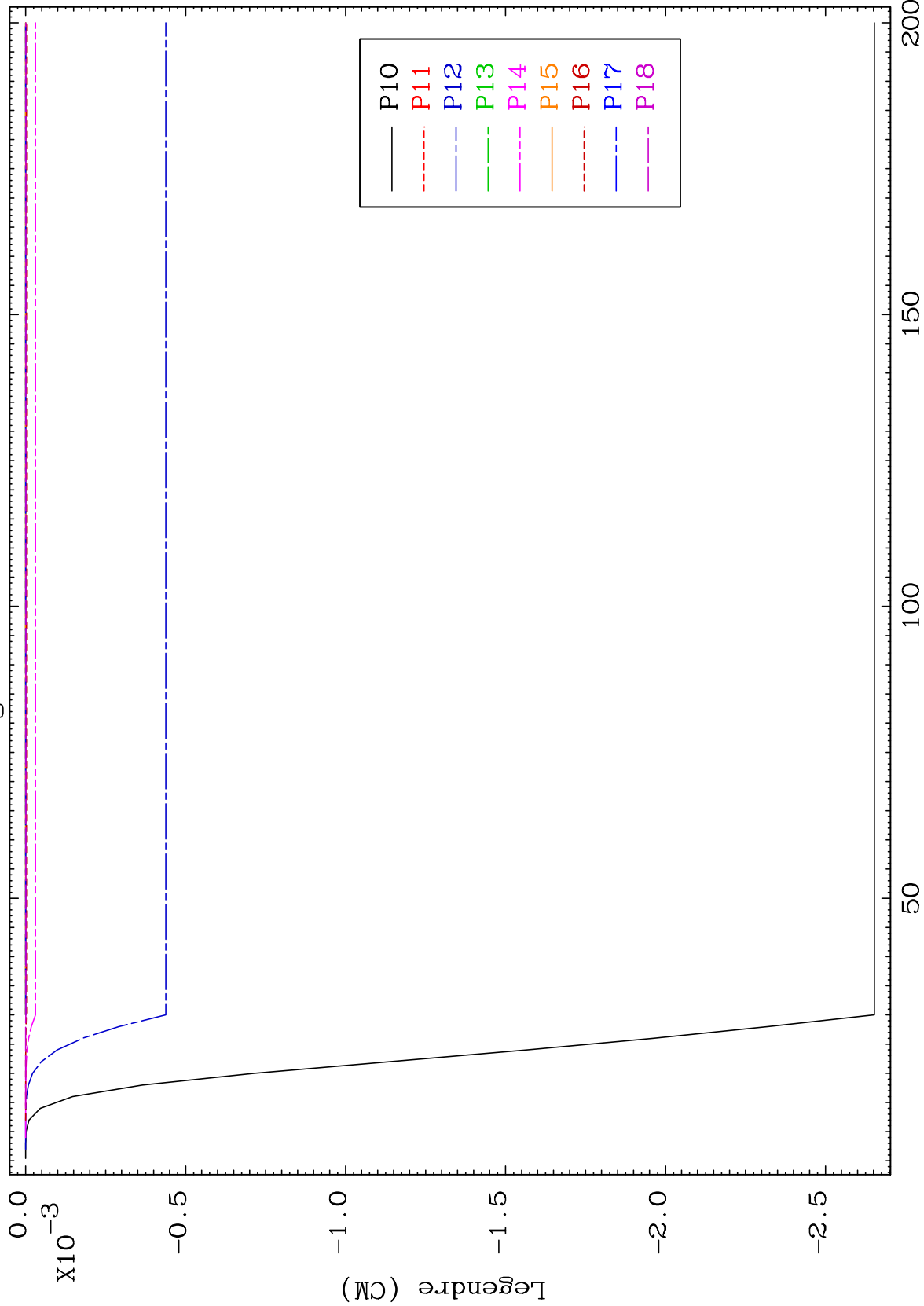
18-Ar-40



MAT 1837

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

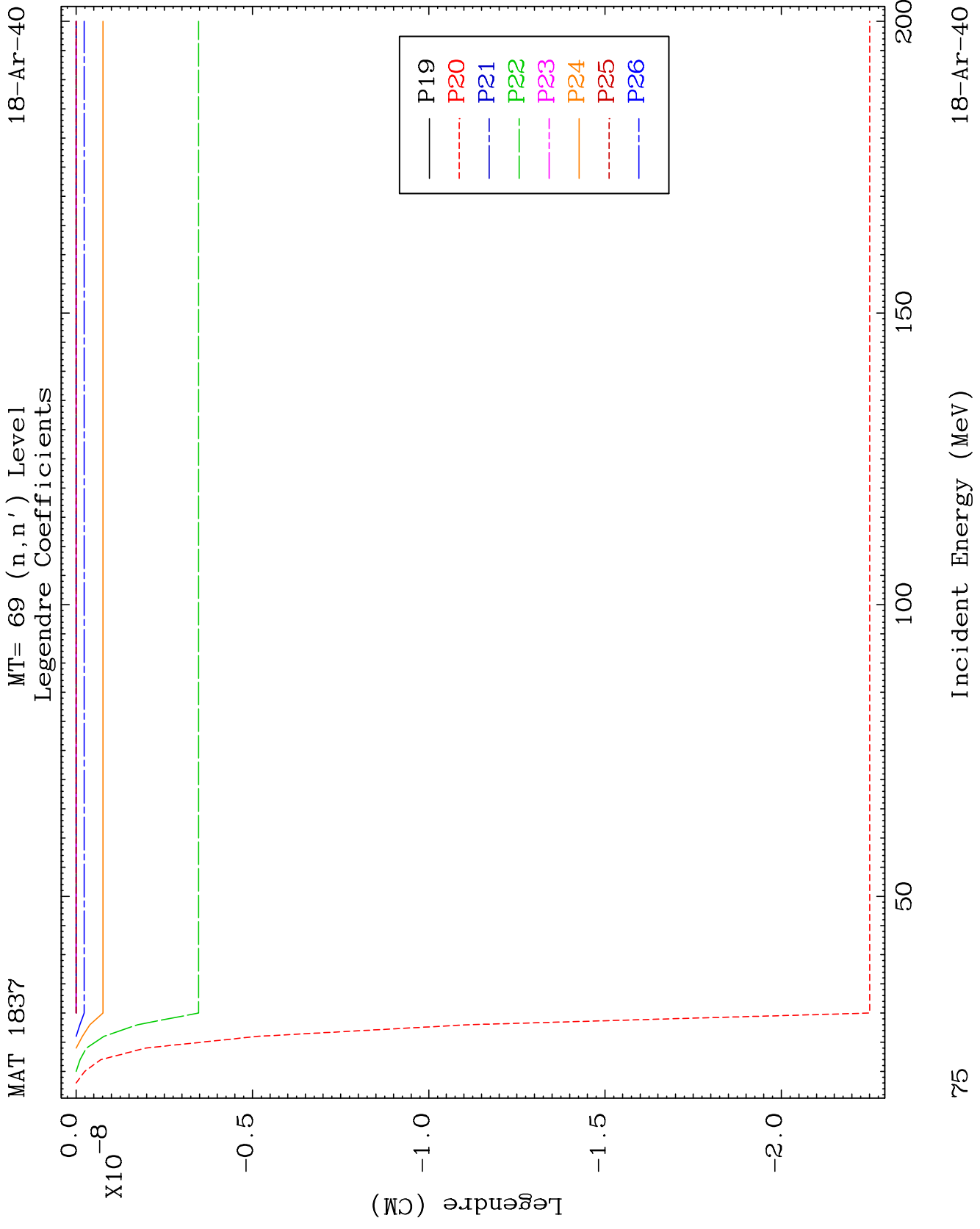
18-Ar-40



74

Incident Energy (MeV)

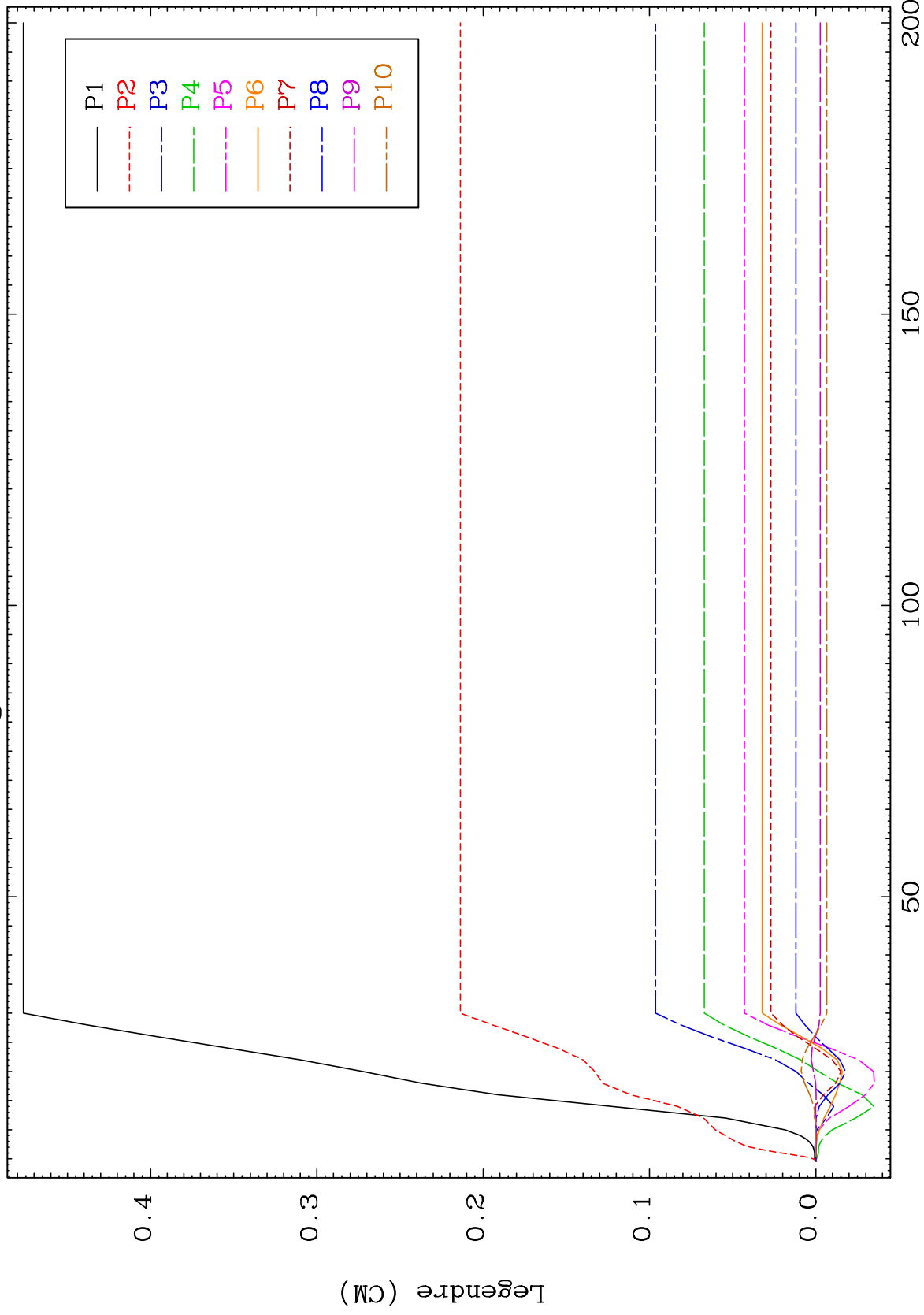
18-Ar-40



MAT 1837

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

18-Ar-40



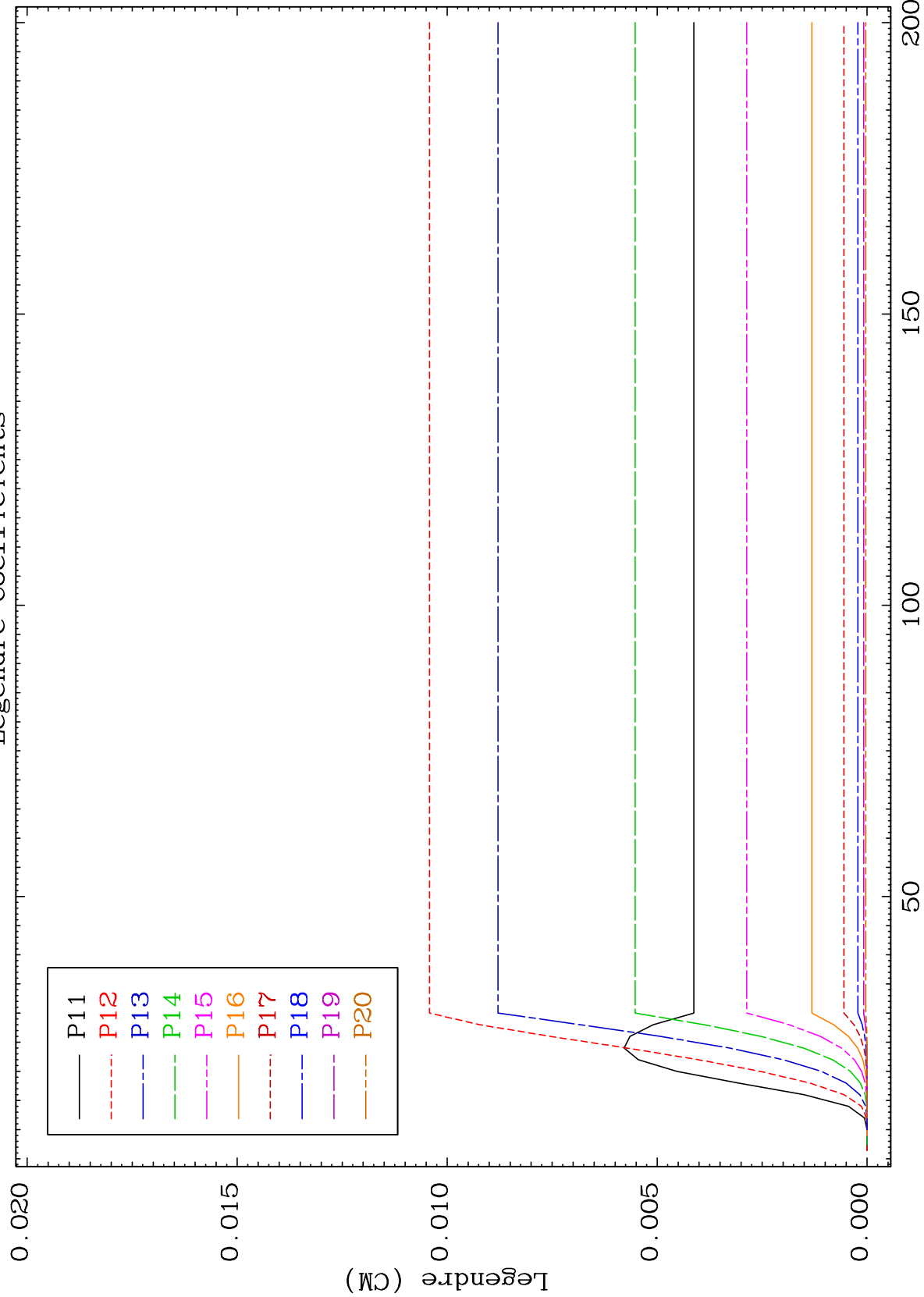
76

18-Ar-40

MAT 1837

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

18-Ar-40



77

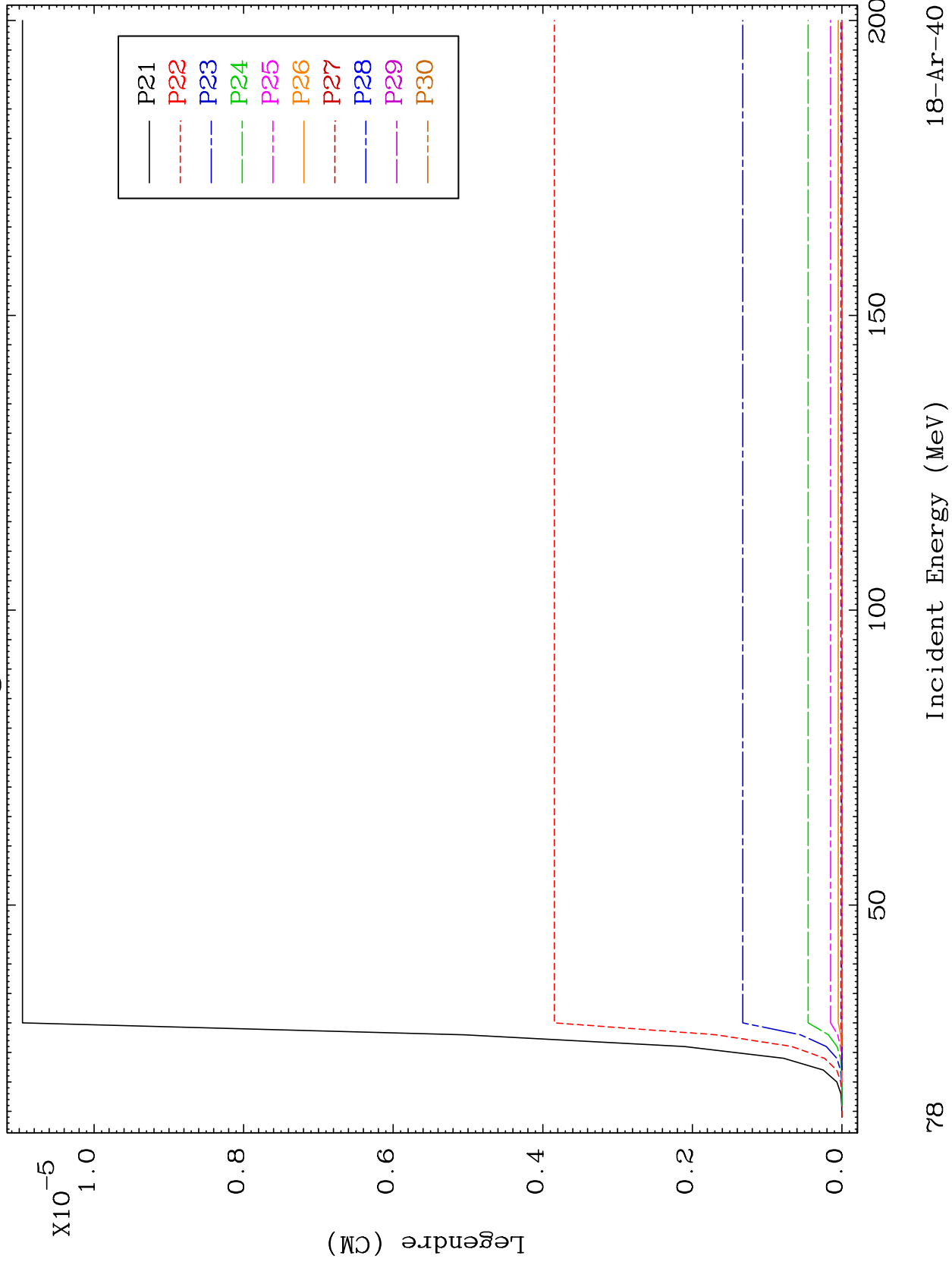
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

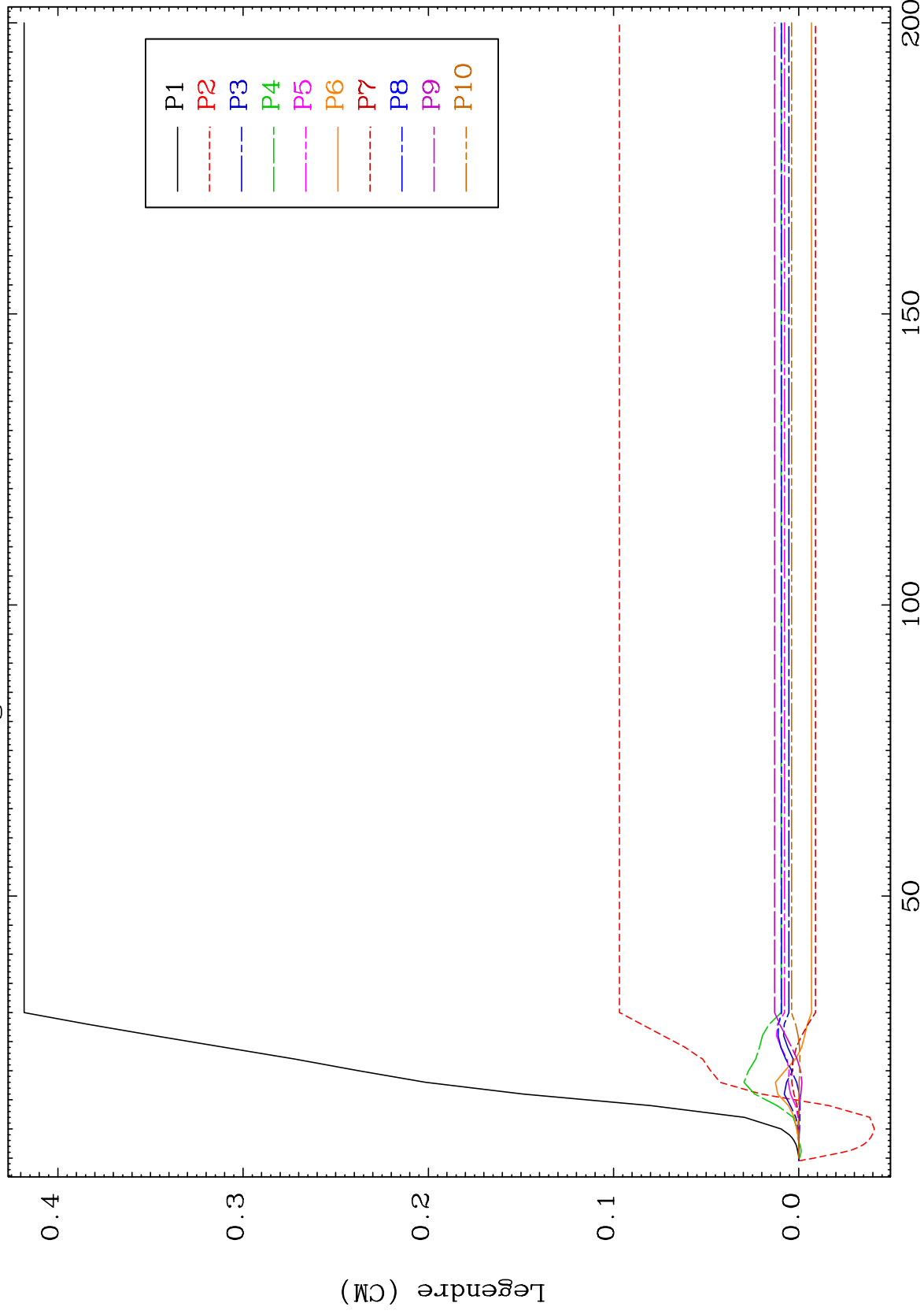
18-Ar-40



MAT 1837

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

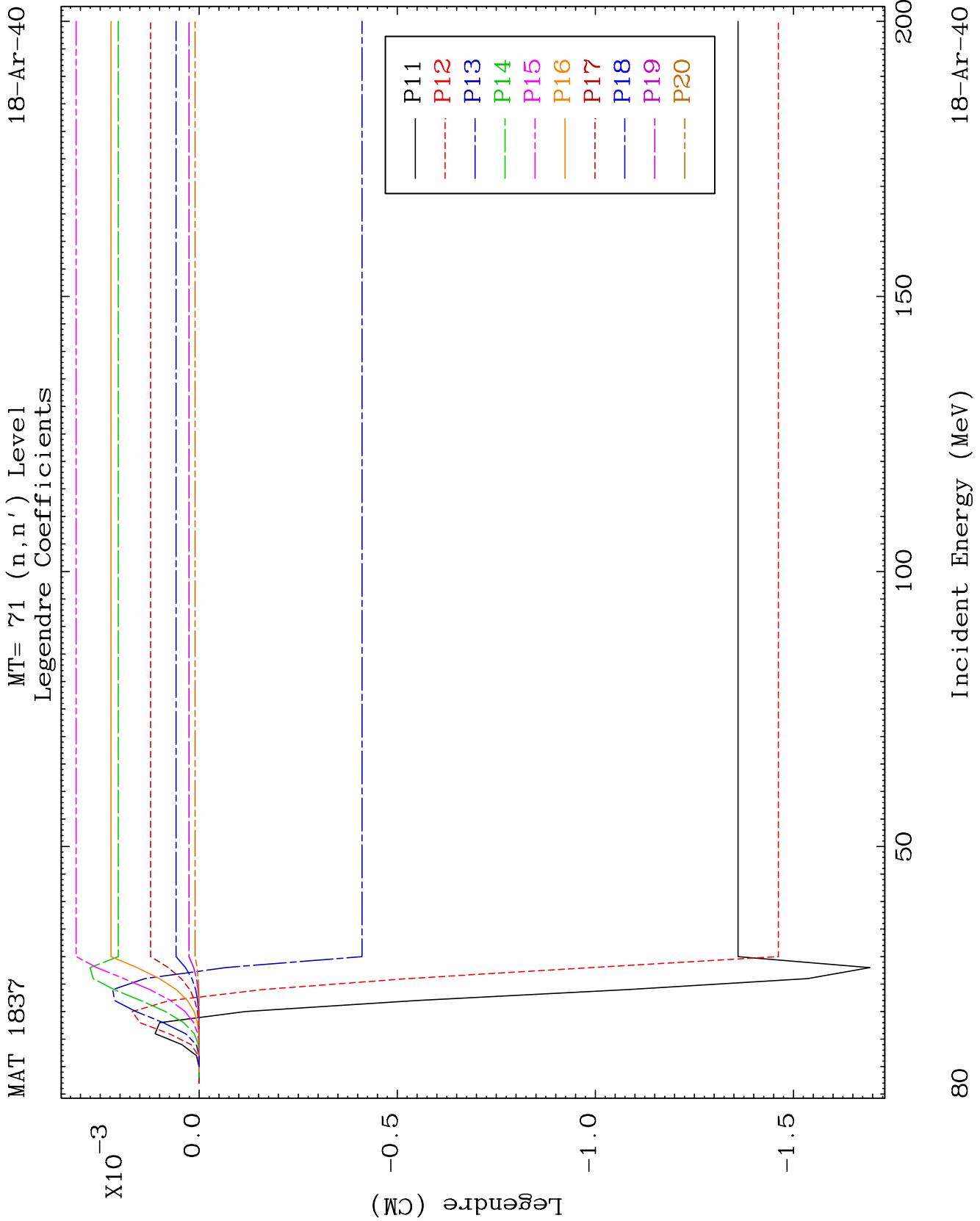
18-Ar-40



79

Incident Energy (MeV)

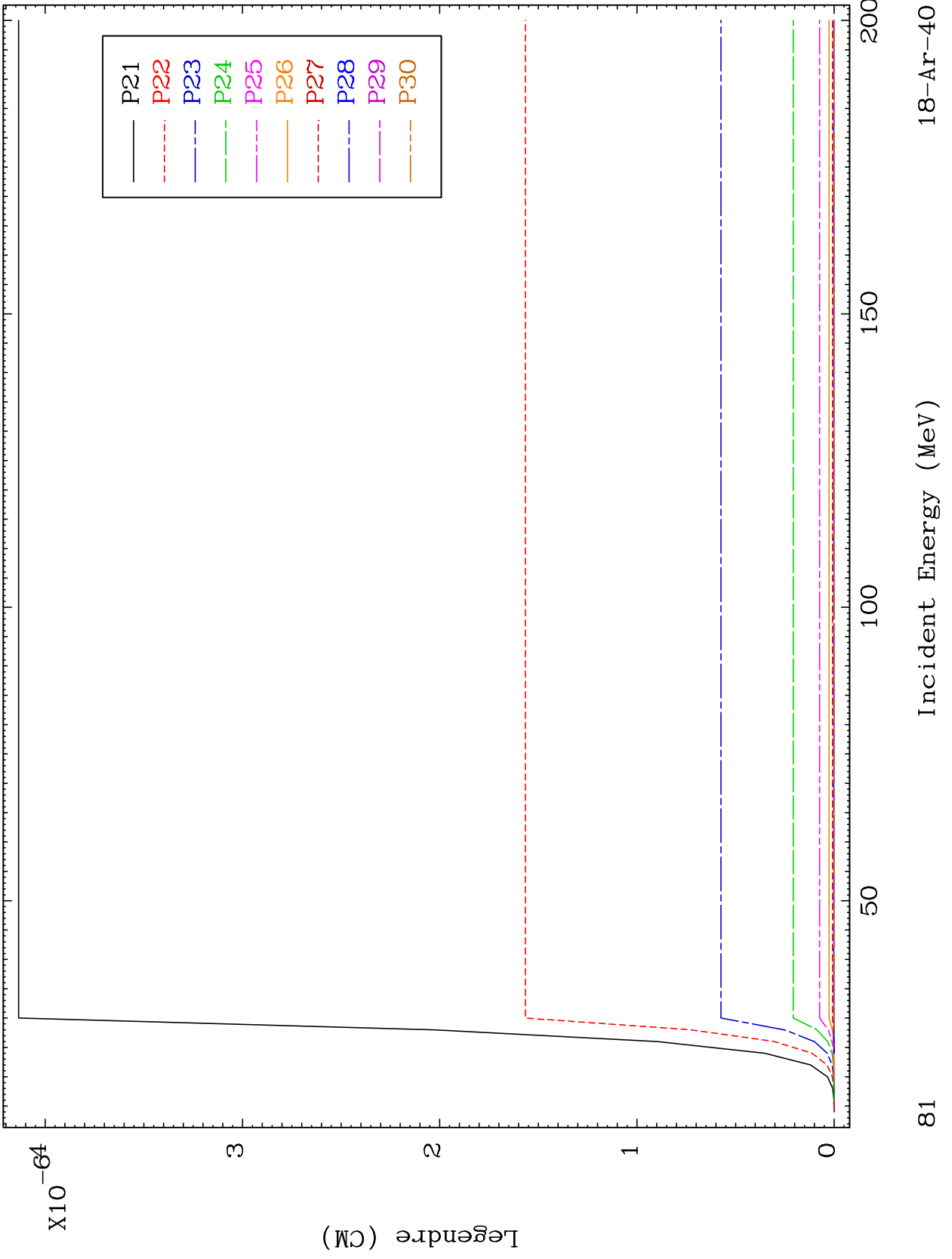
18-Ar-40

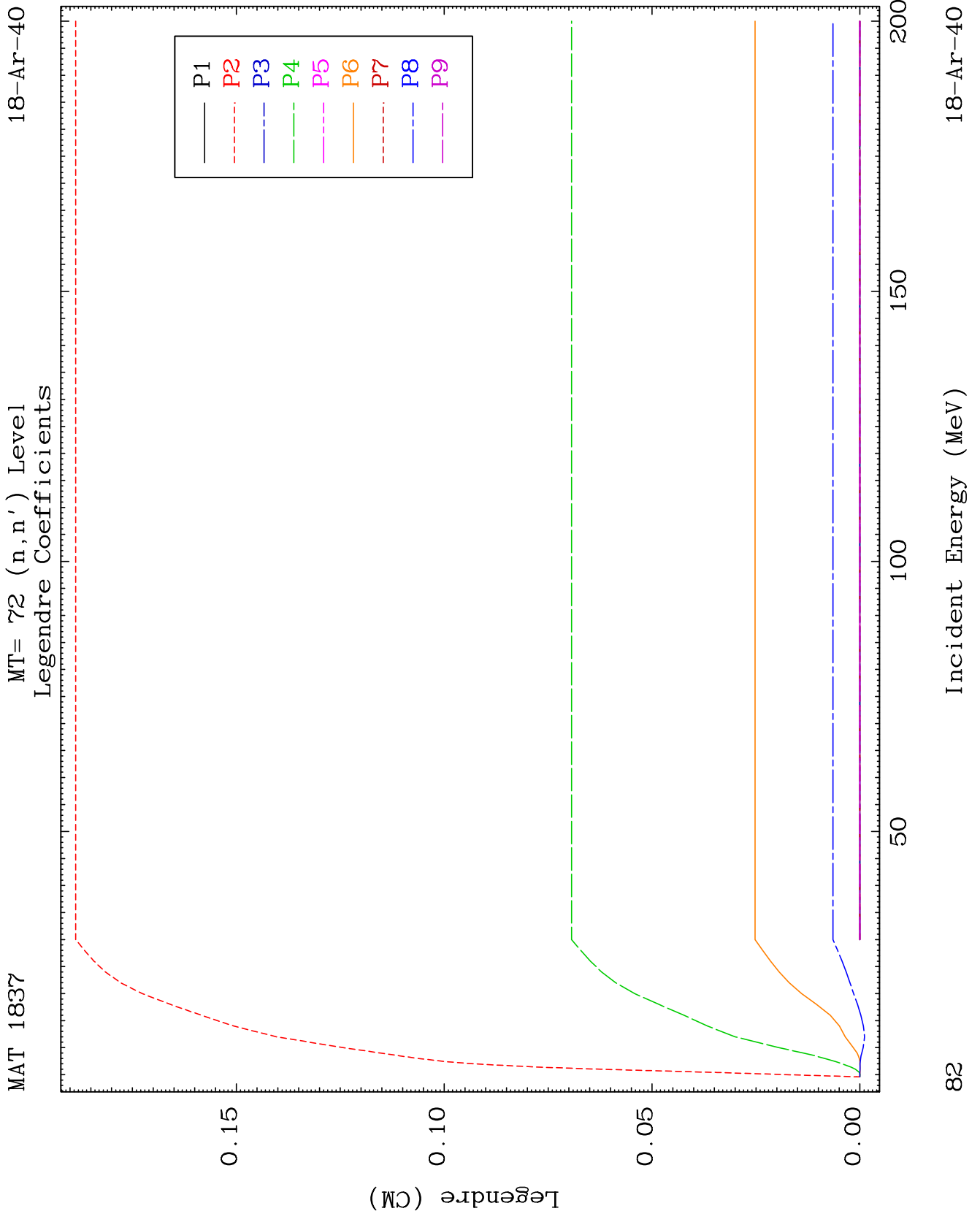


MAT 1837

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

18-Ar-40

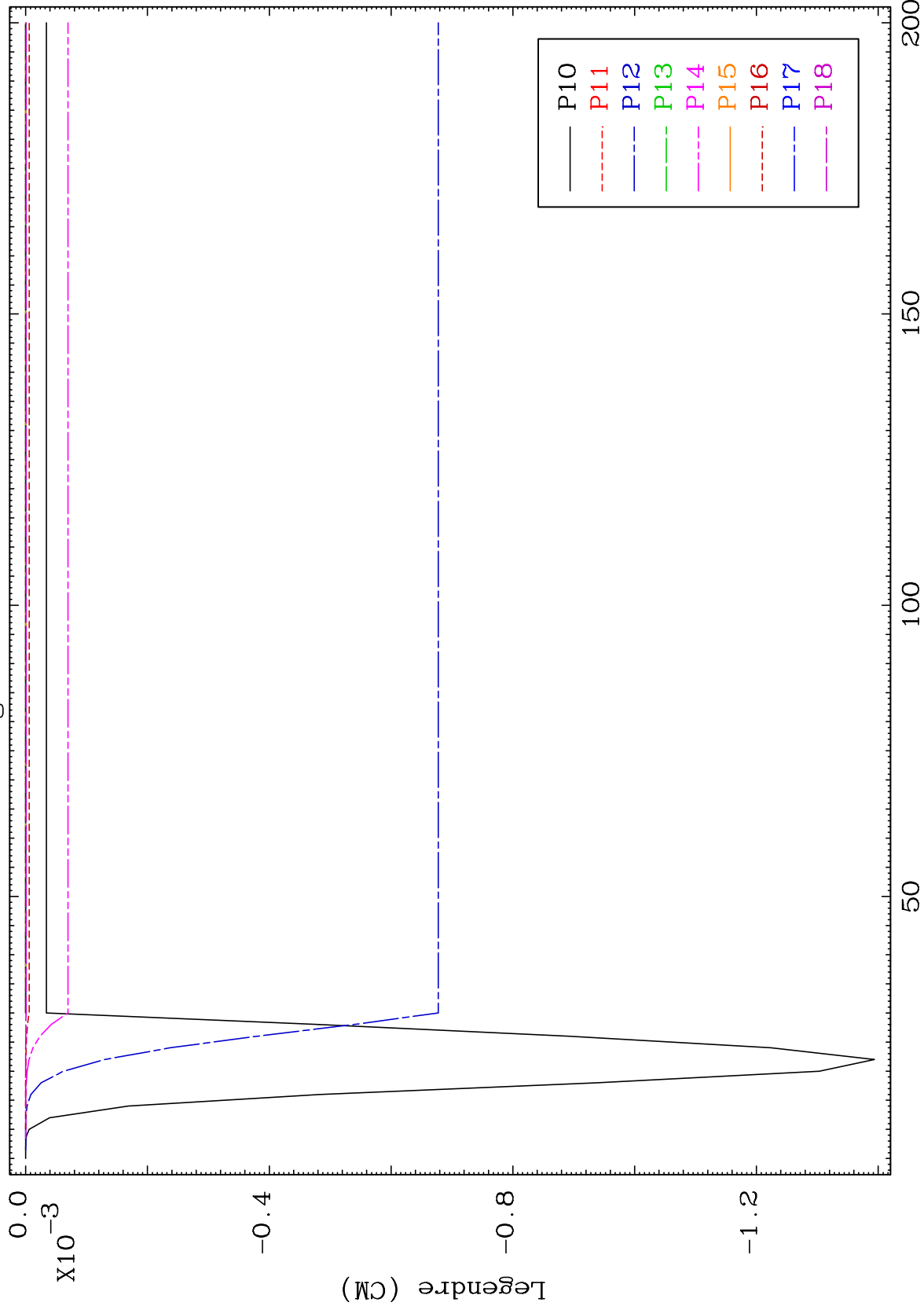


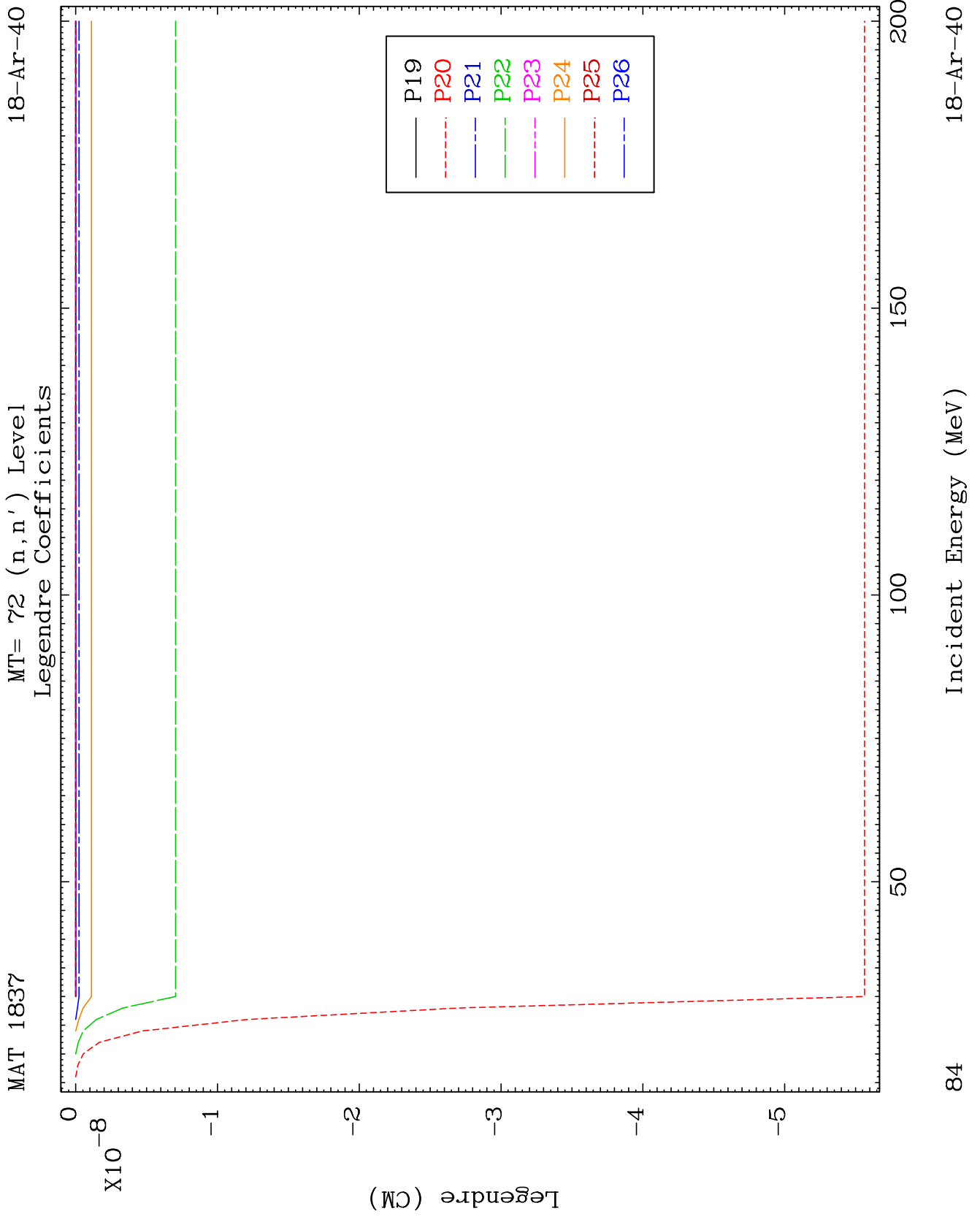


MAT 1837

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

18-Ar-40

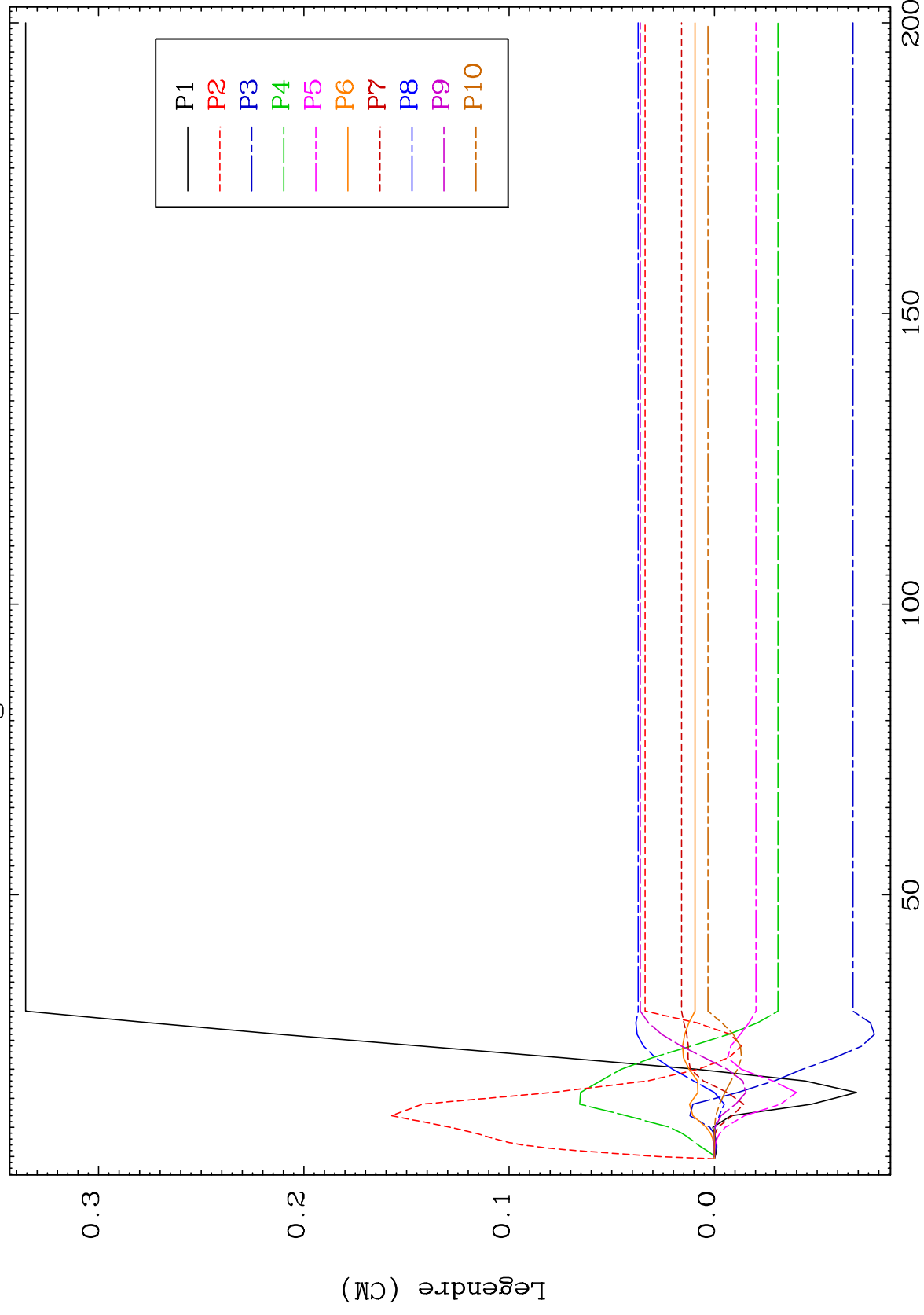




MAT 1837

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

18-Ar-40



85

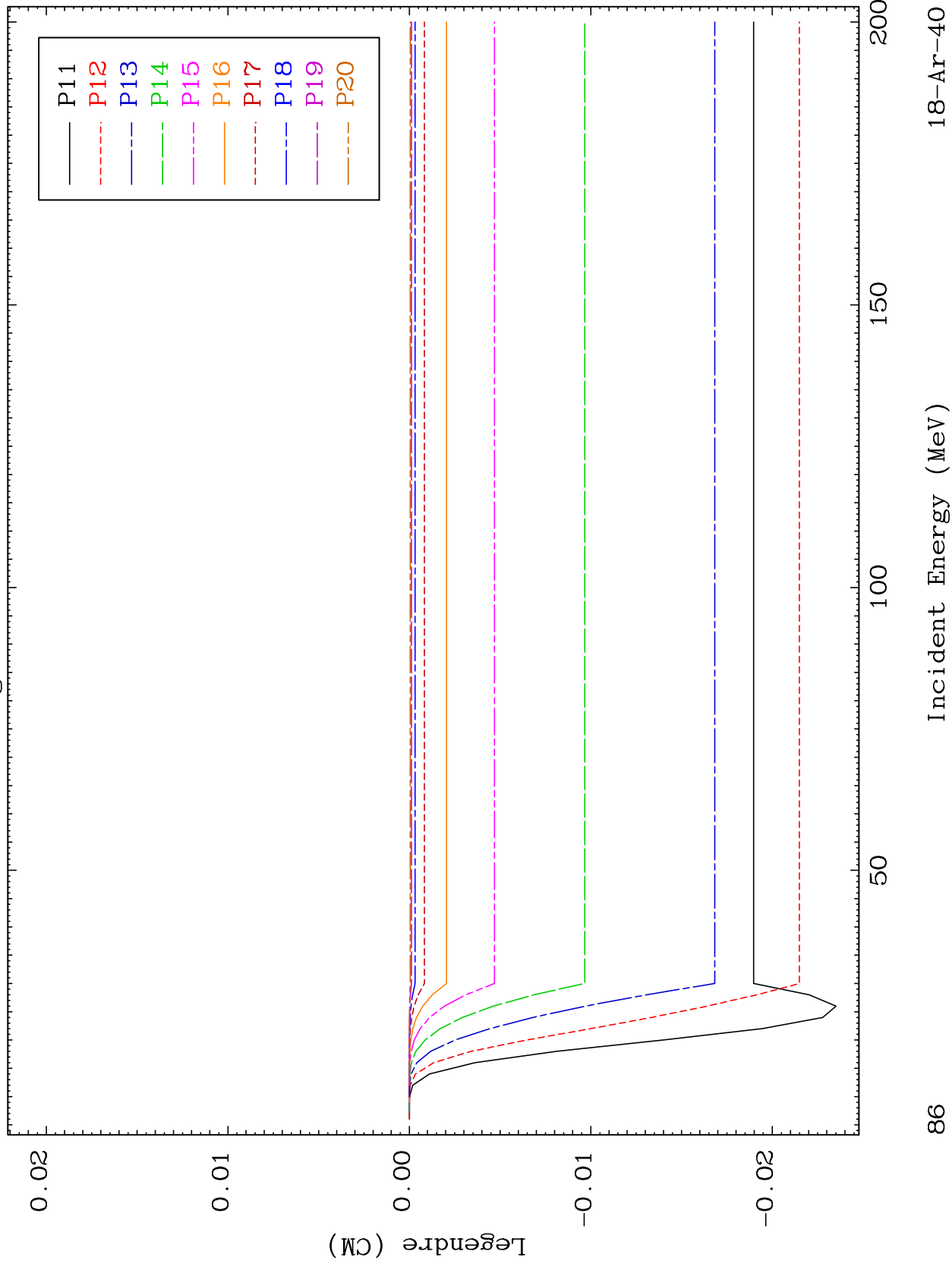
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

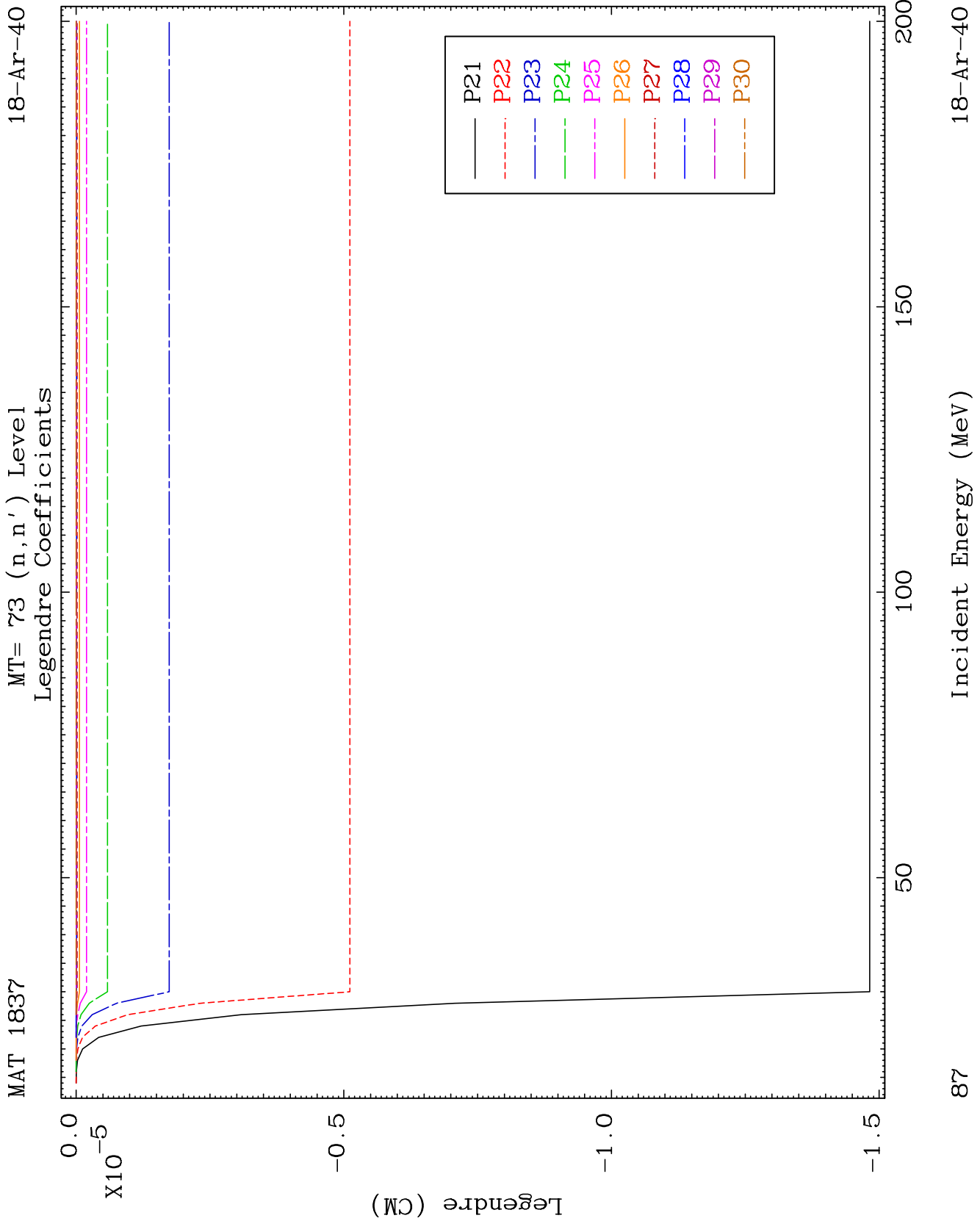
18-Ar-40



86

Incident Energy (MeV)

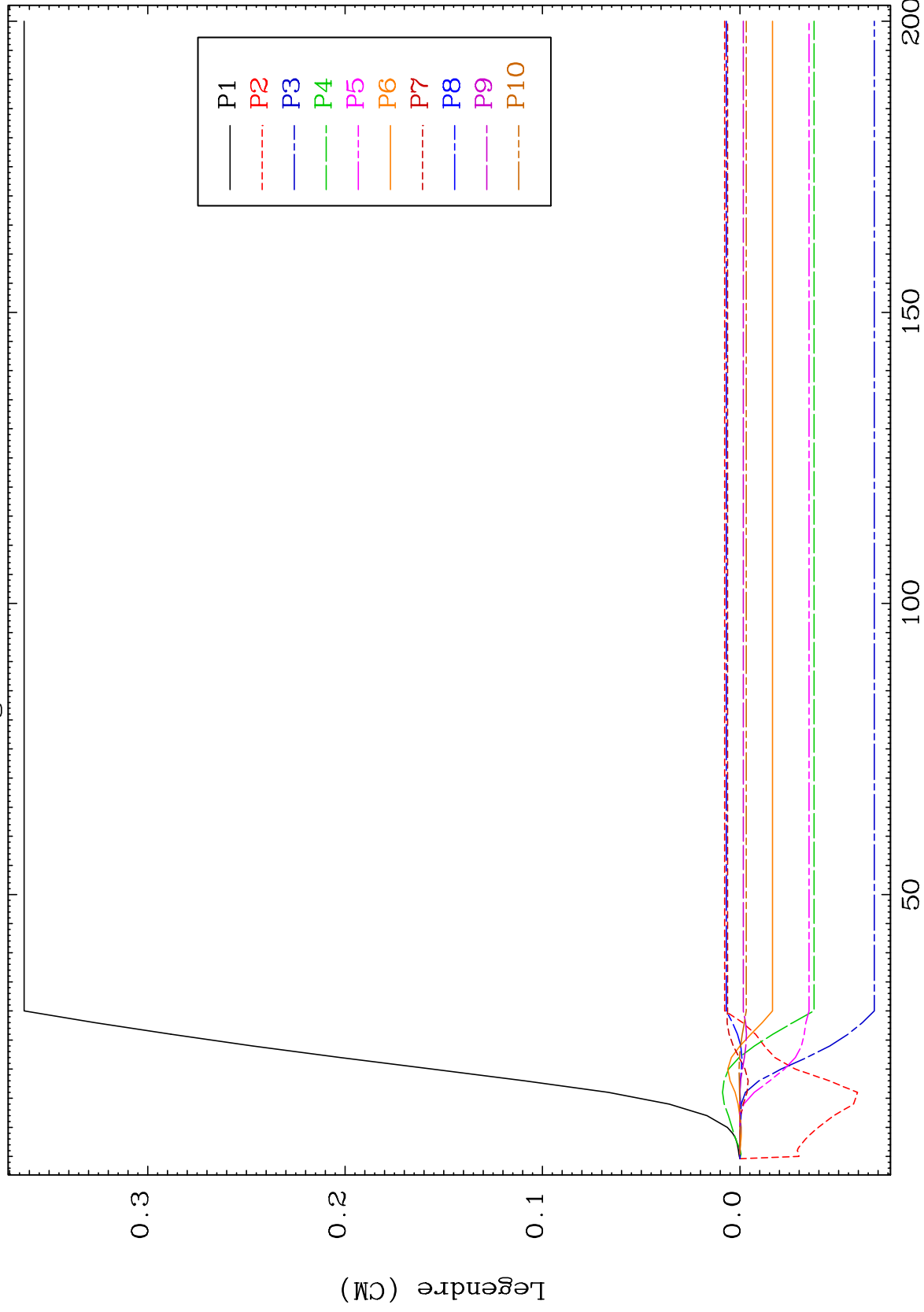
18-Ar-40



MAT 1837

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

18-Ar-40



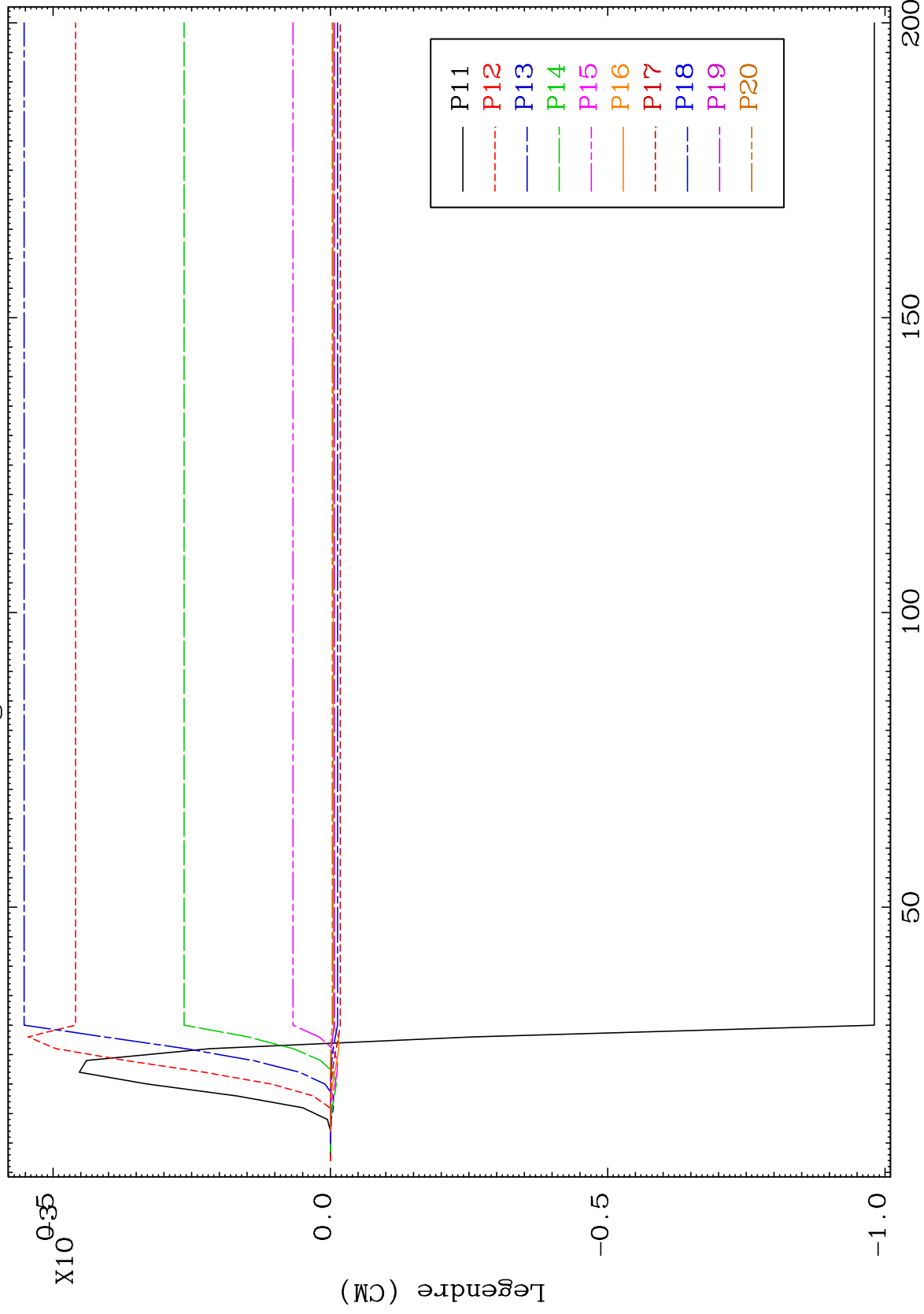
88

18-Ar-40

MAT 1837

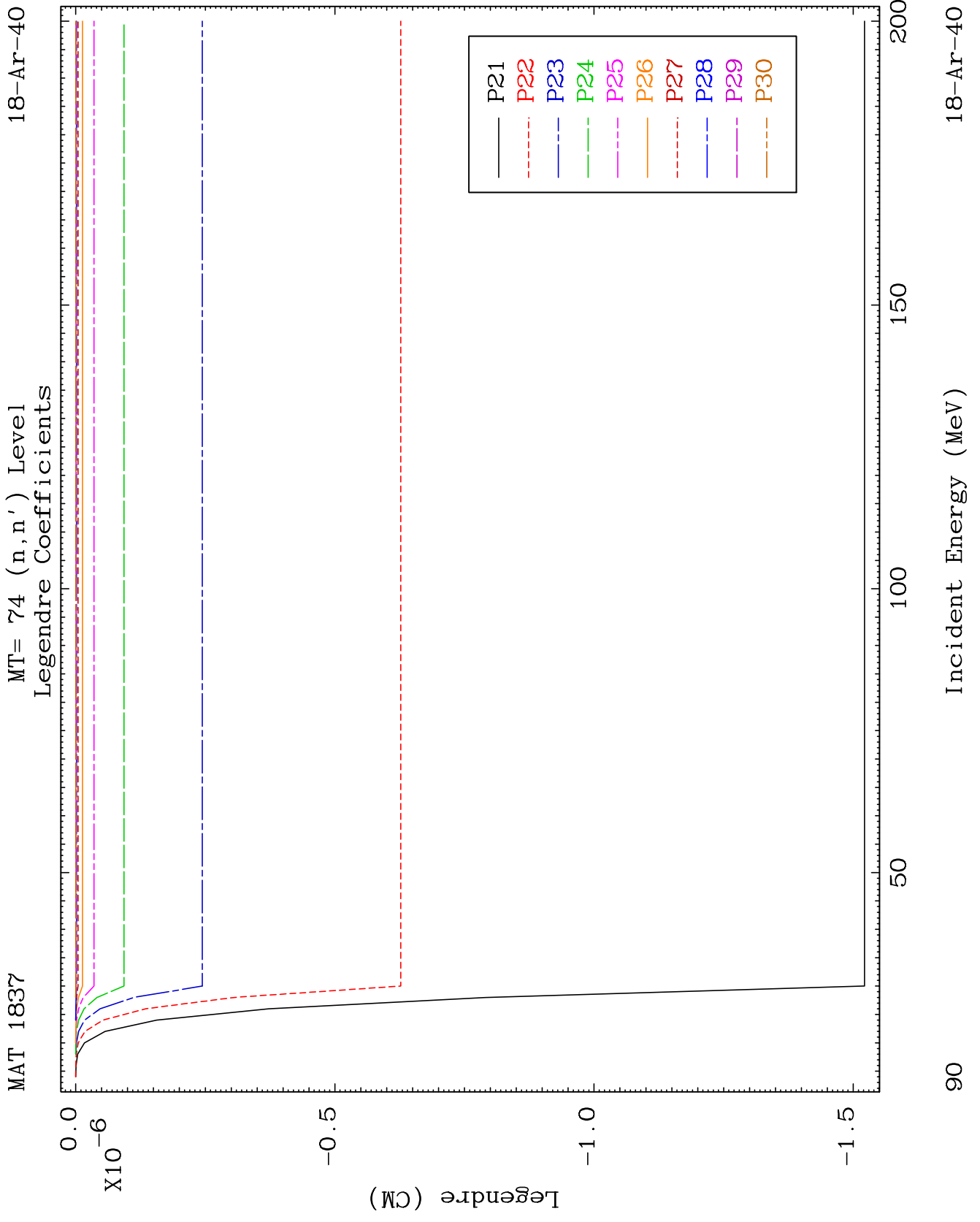
MT= 74 (n,n') Level
Legendre Coefficients

18-Ar-40



89

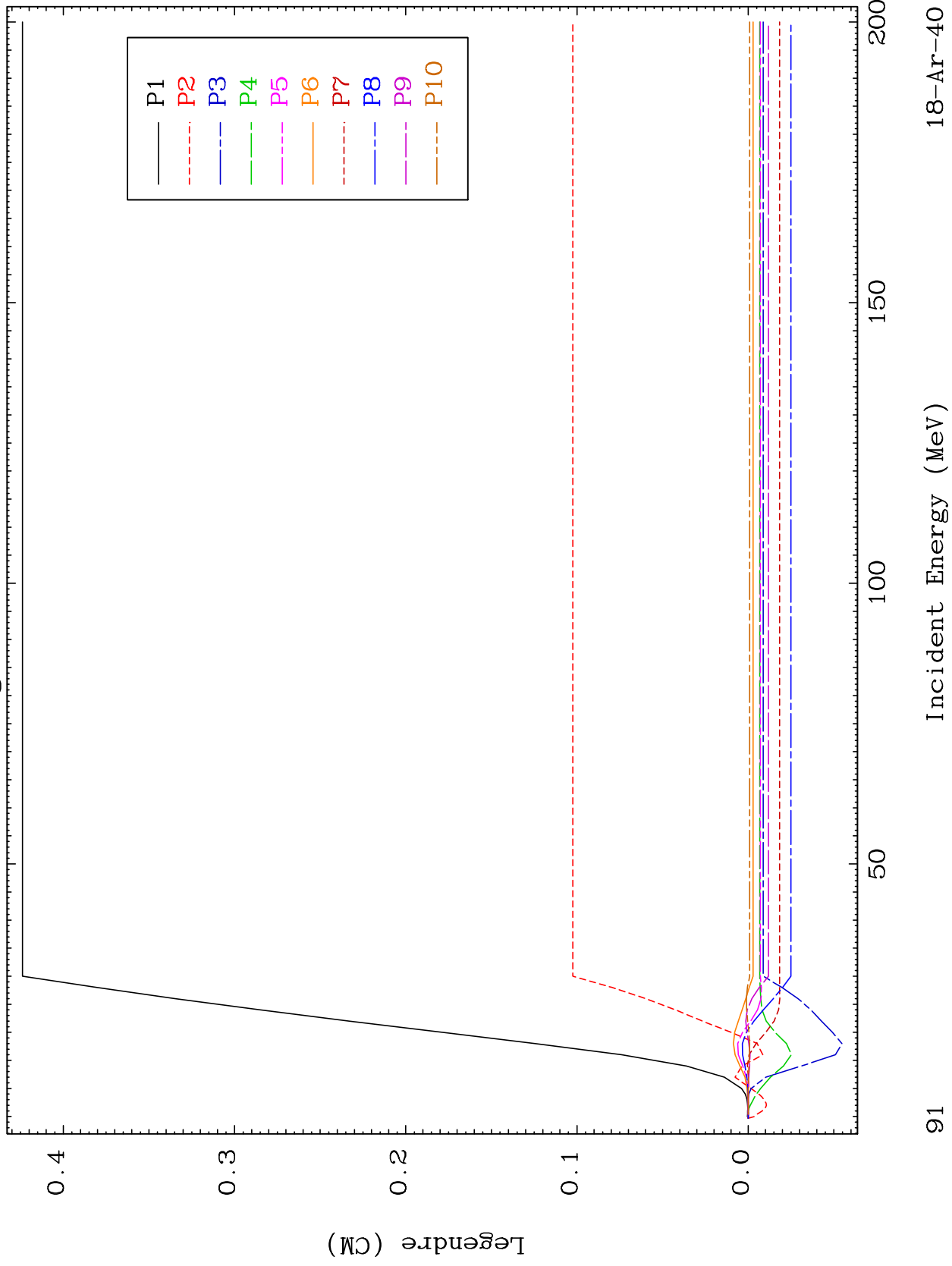
18-Ar-40



MAT 1837

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

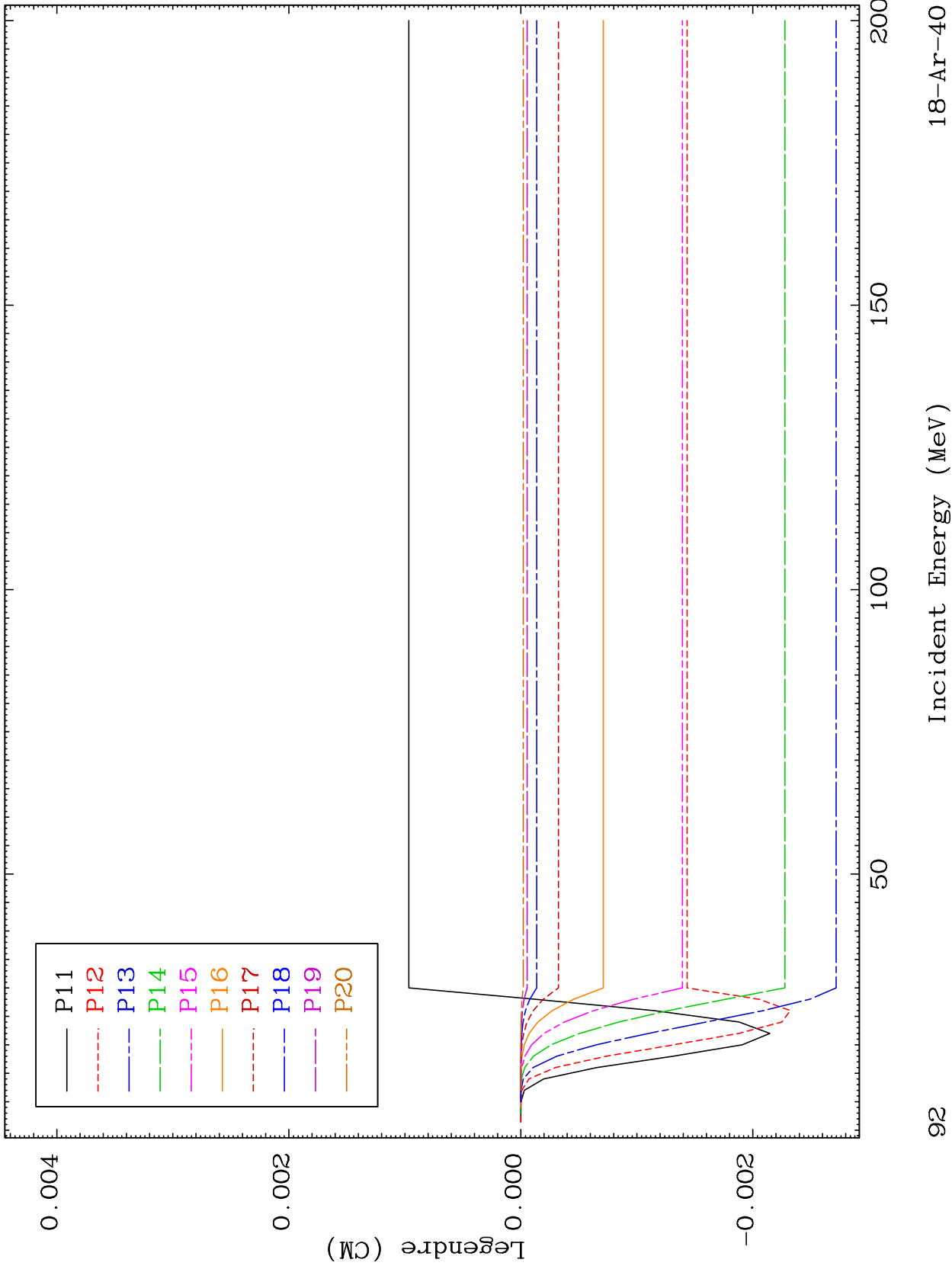
18-Ar-40

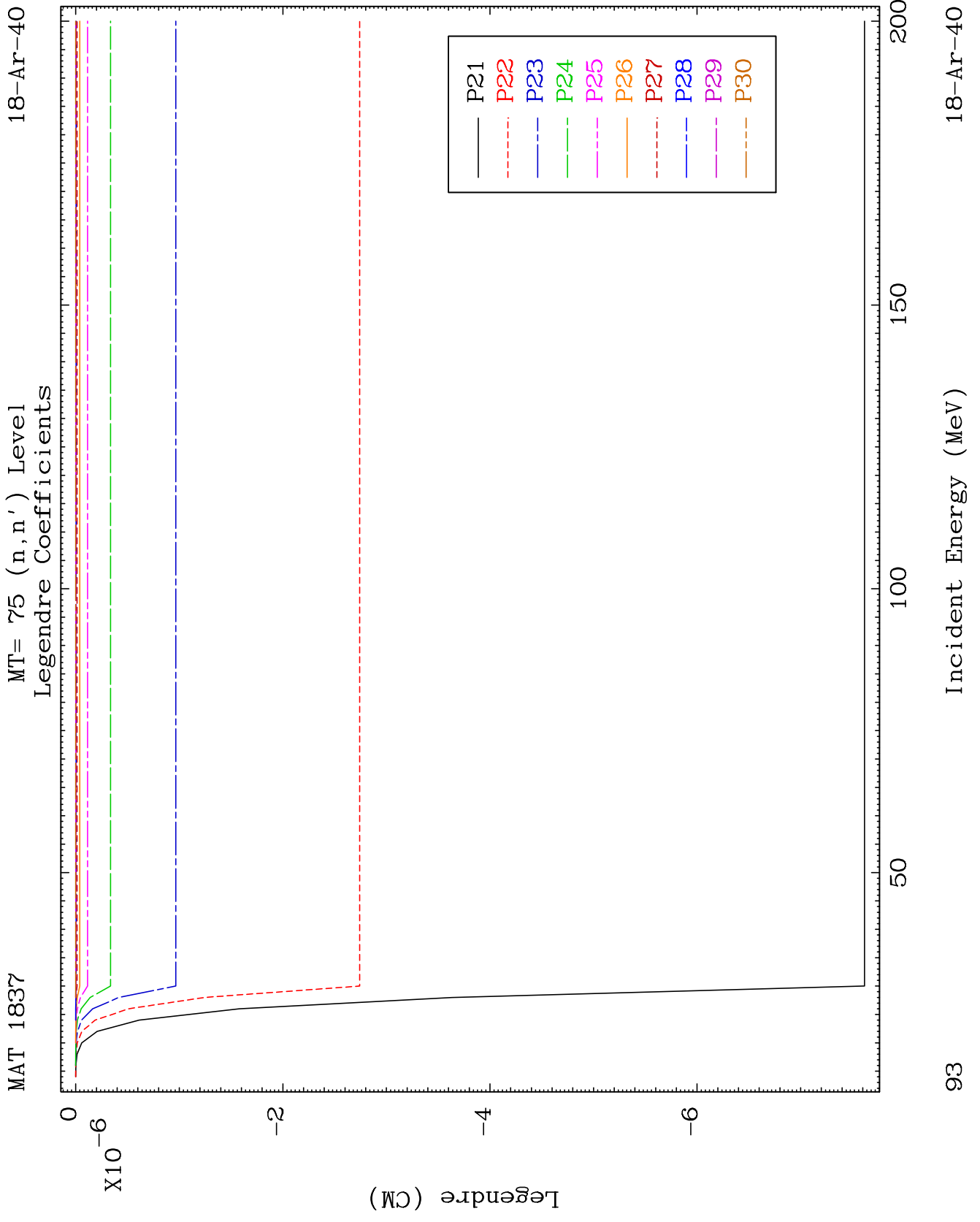


MAT 1837

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

18-Ar-40

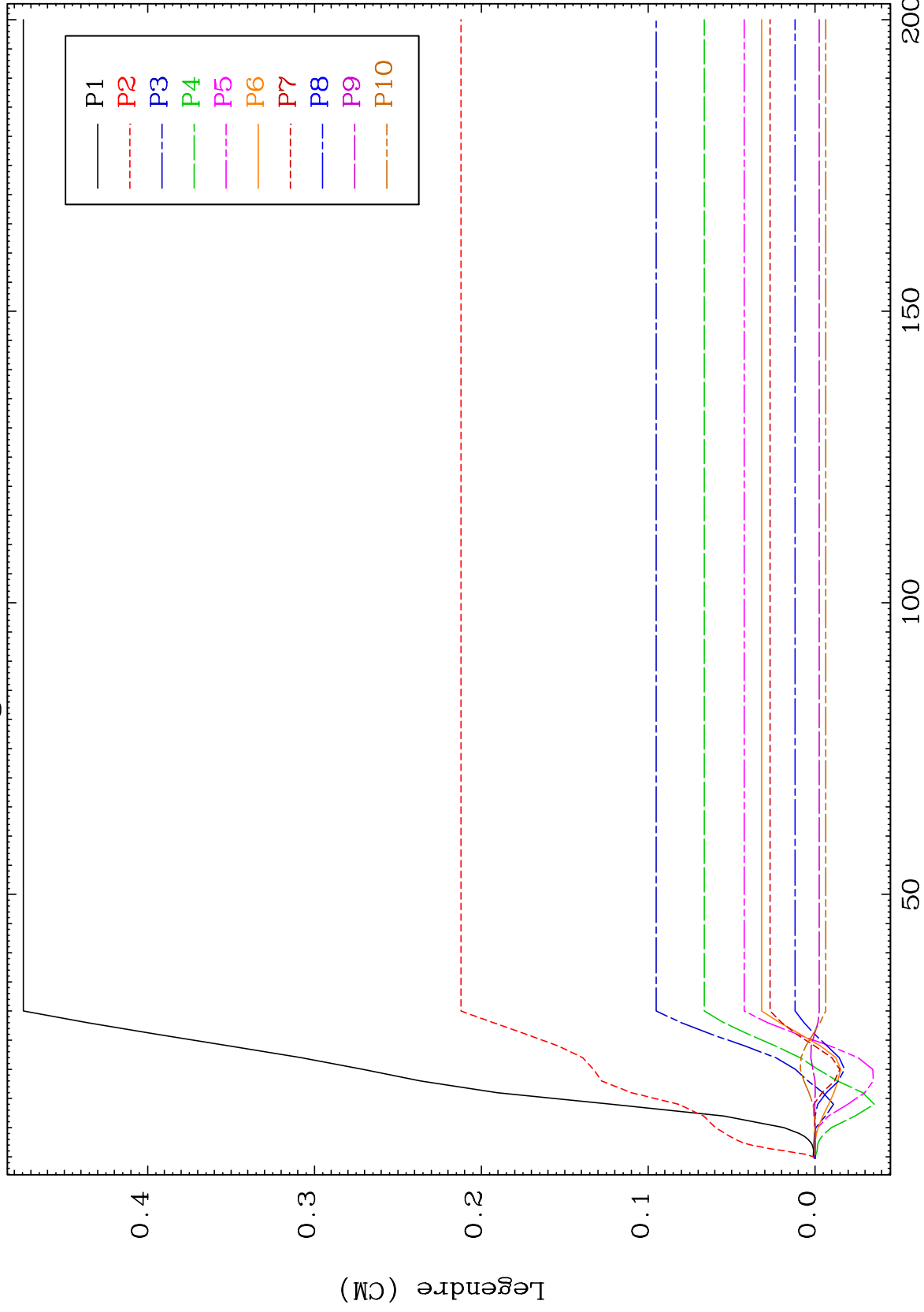




MAT 1837

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

18-Ar-40



94

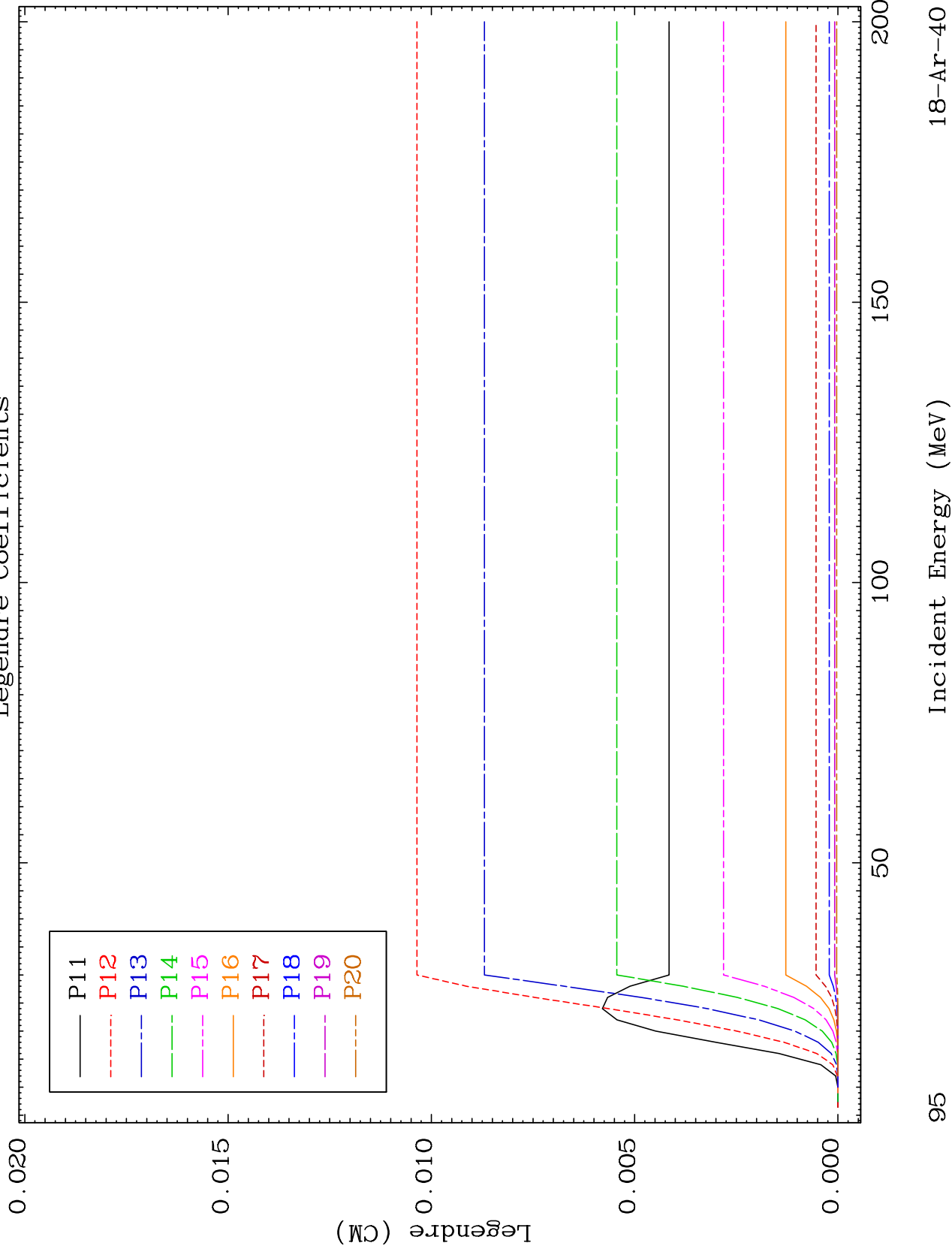
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



95

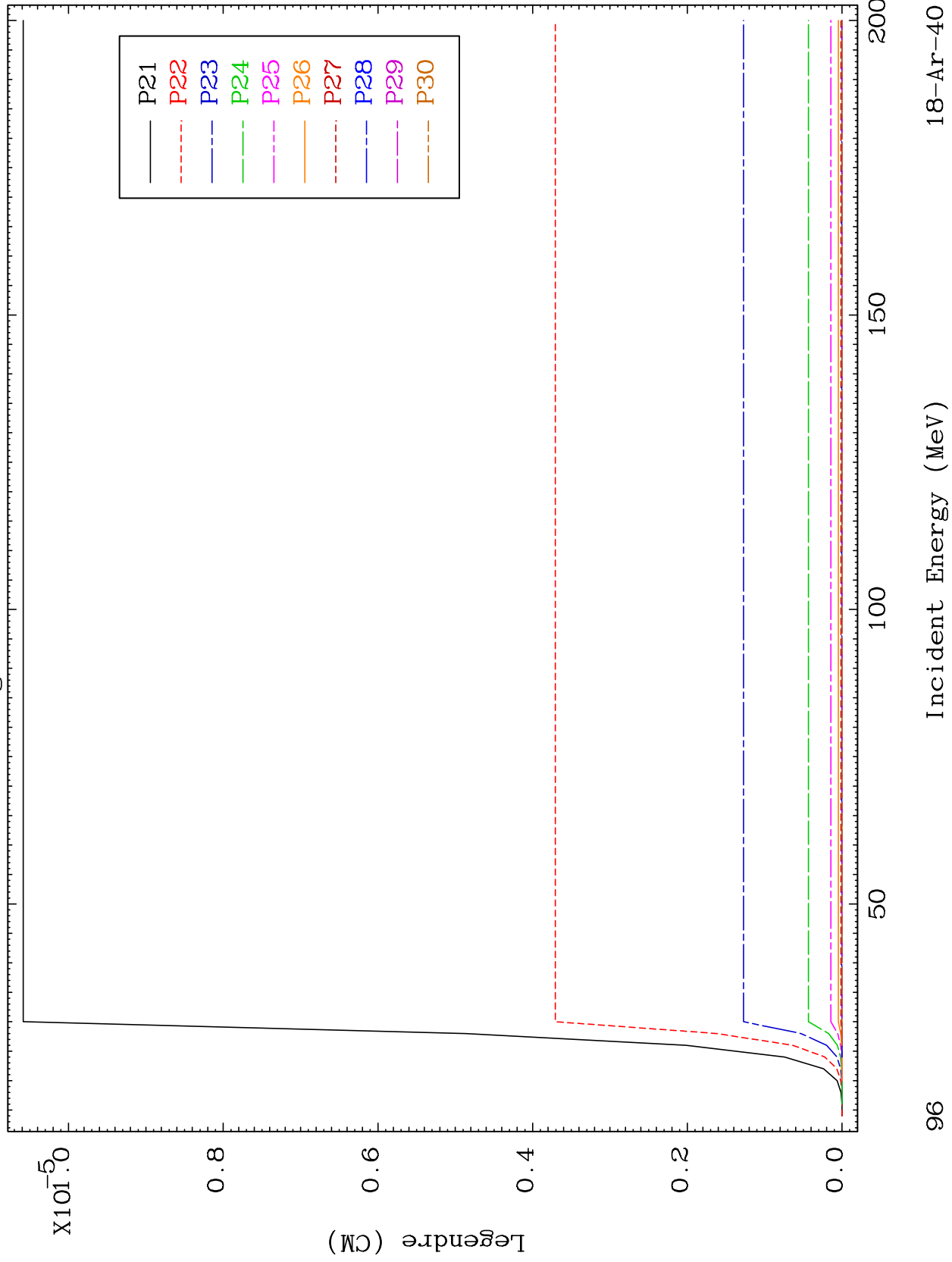
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

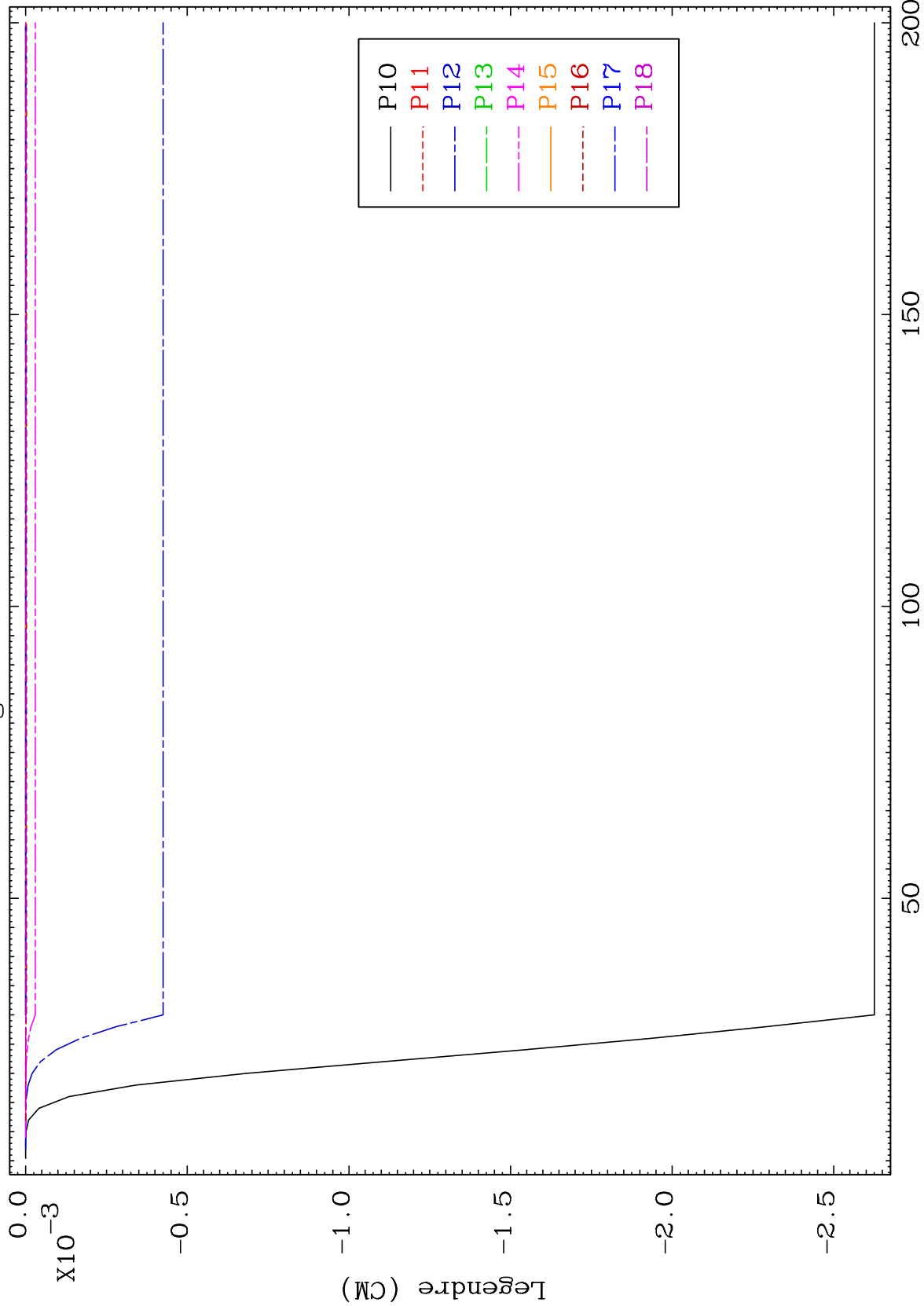
18-Ar-40



MAT 1837

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

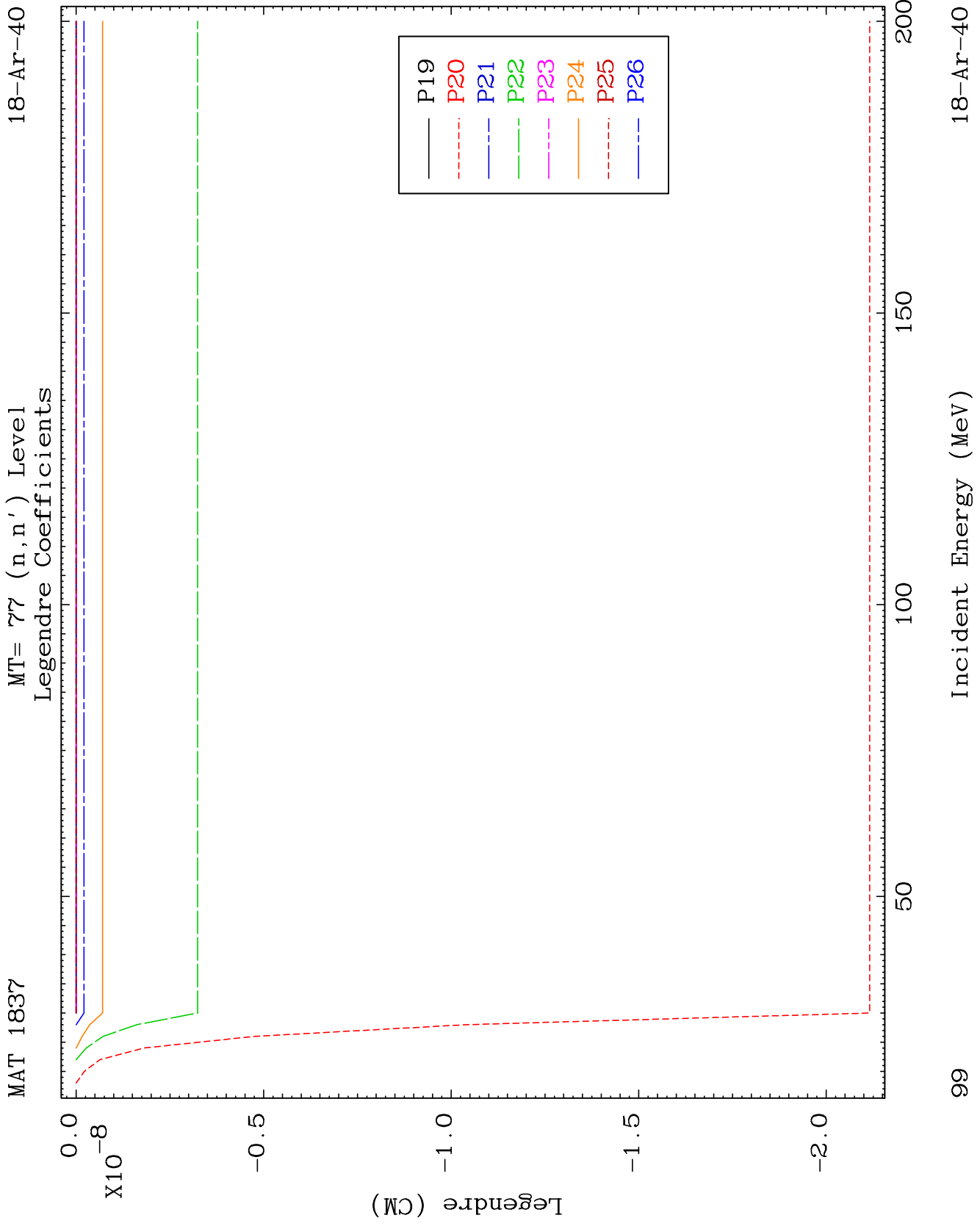
18-Ar-40



98

Incident Energy (MeV)

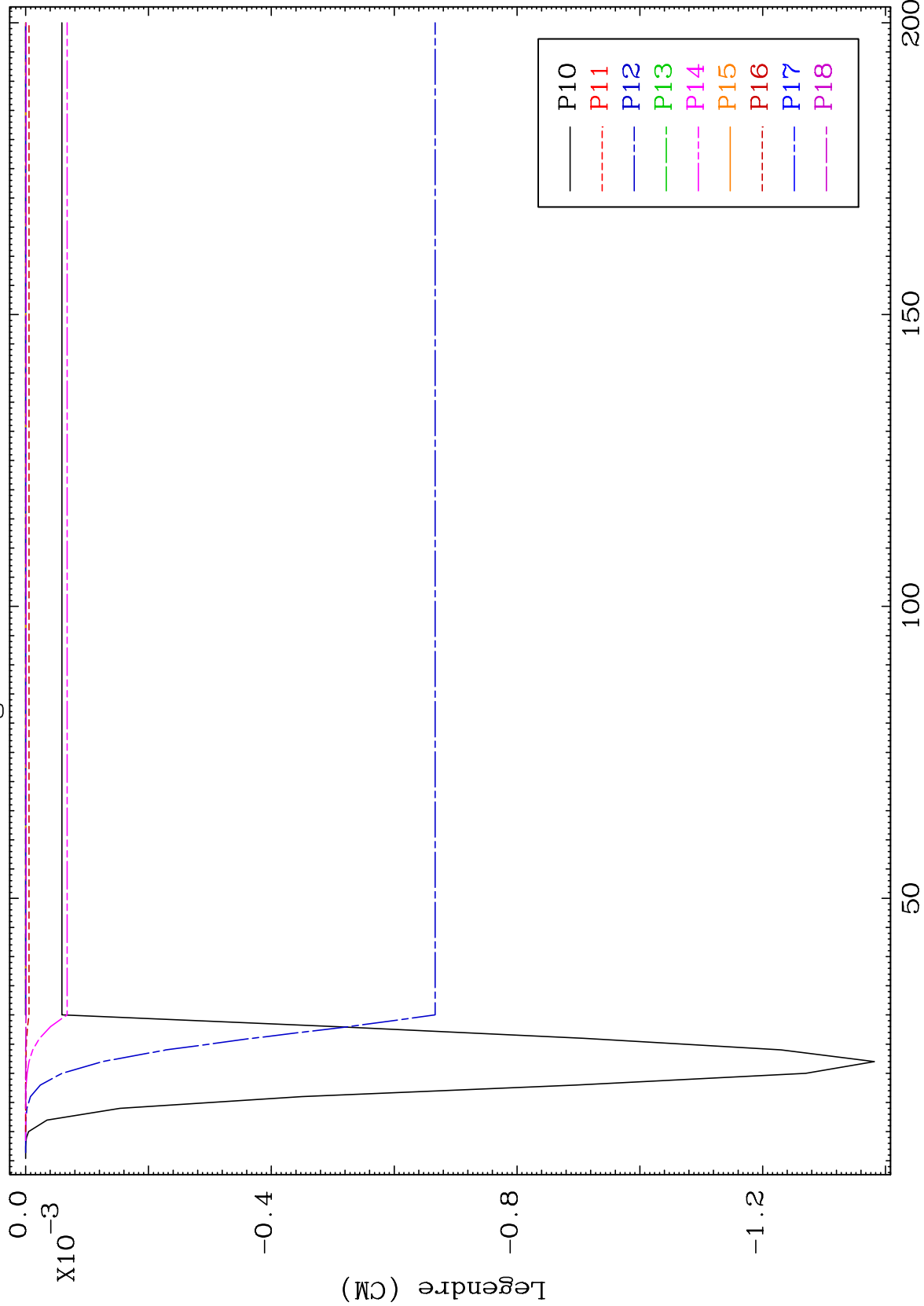
18-Ar-40



MAT 1837

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

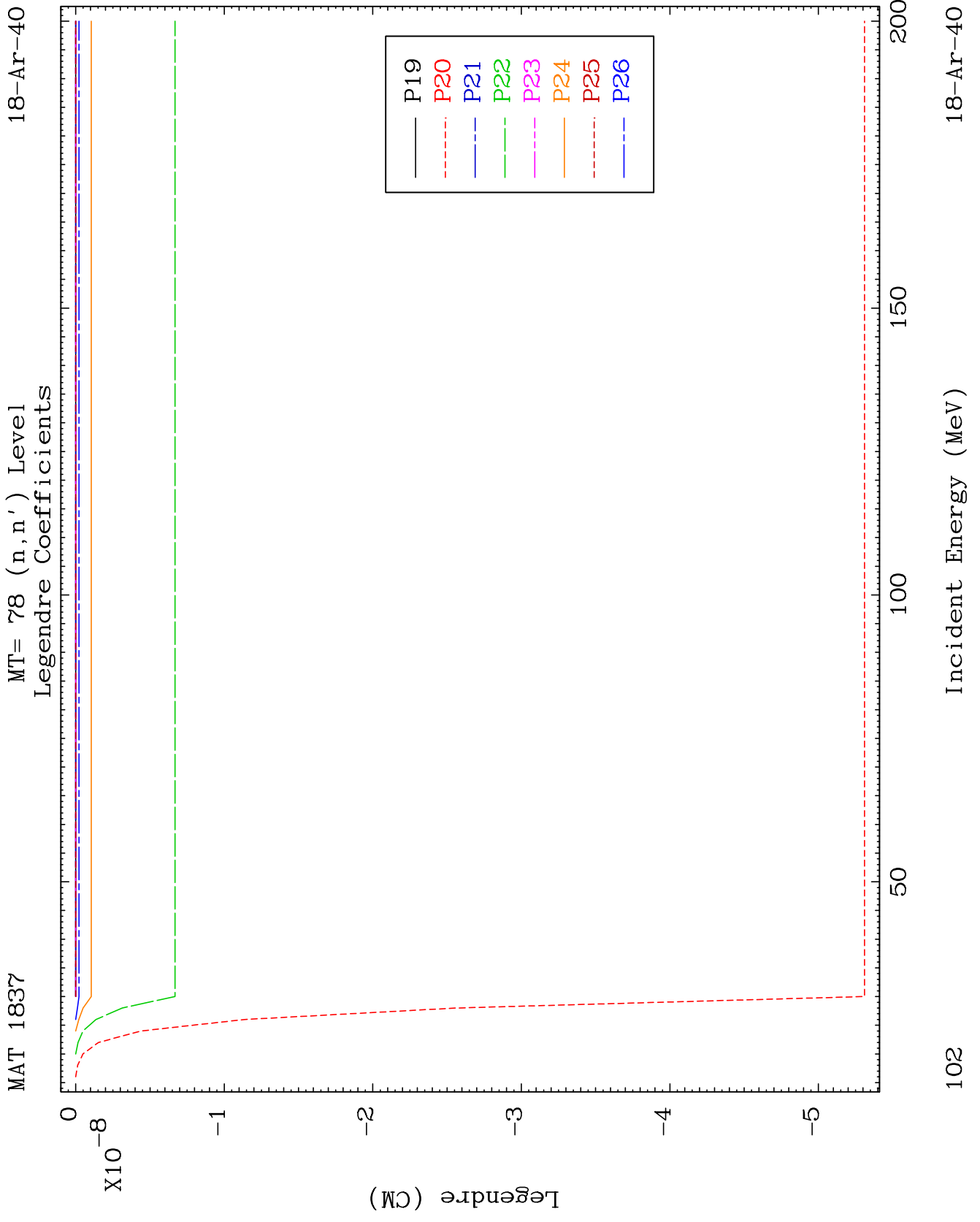
18-Ar-40



101

Incident Energy (MeV)

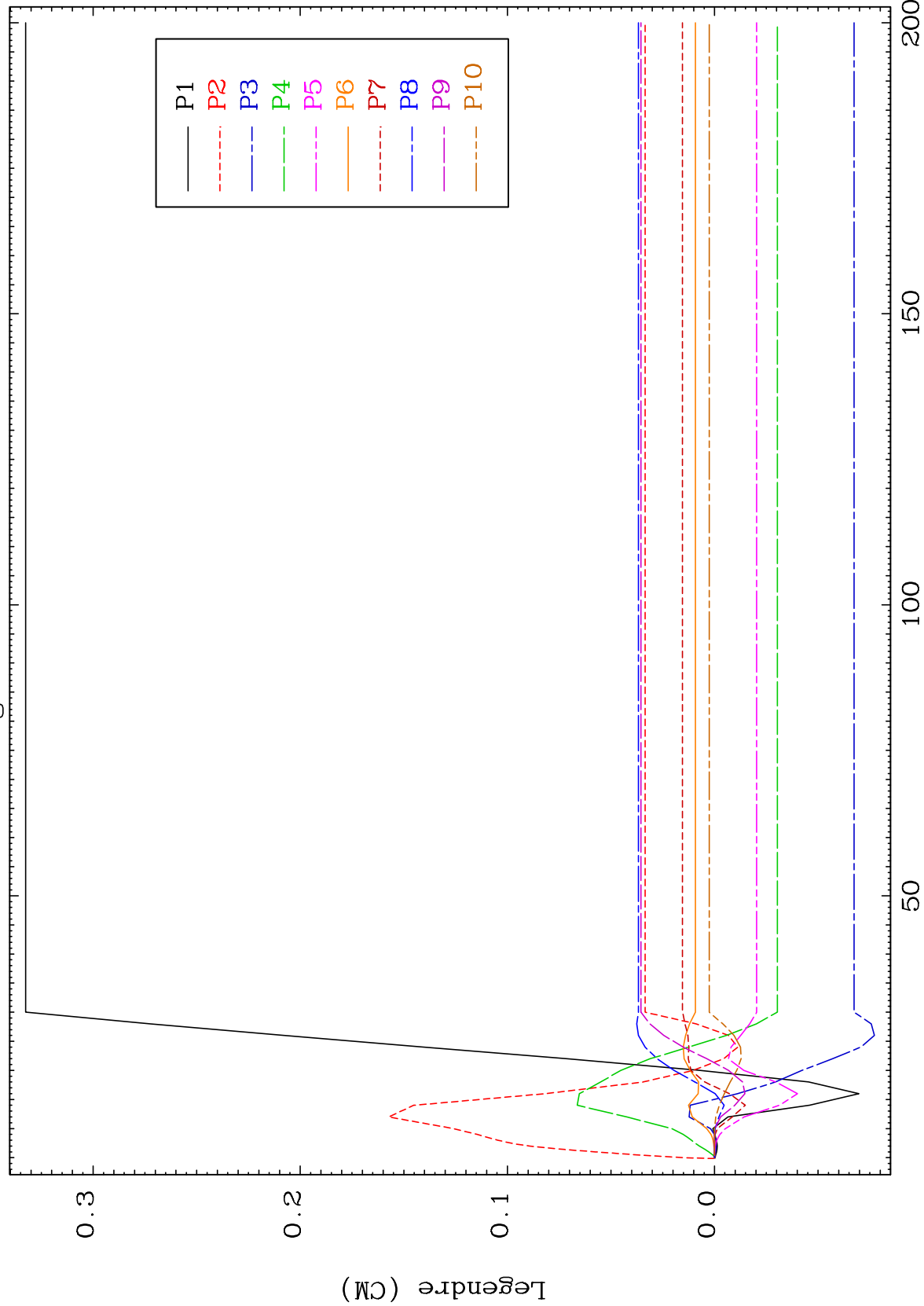
18-Ar-40



MAT 1837

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

18-Ar-40



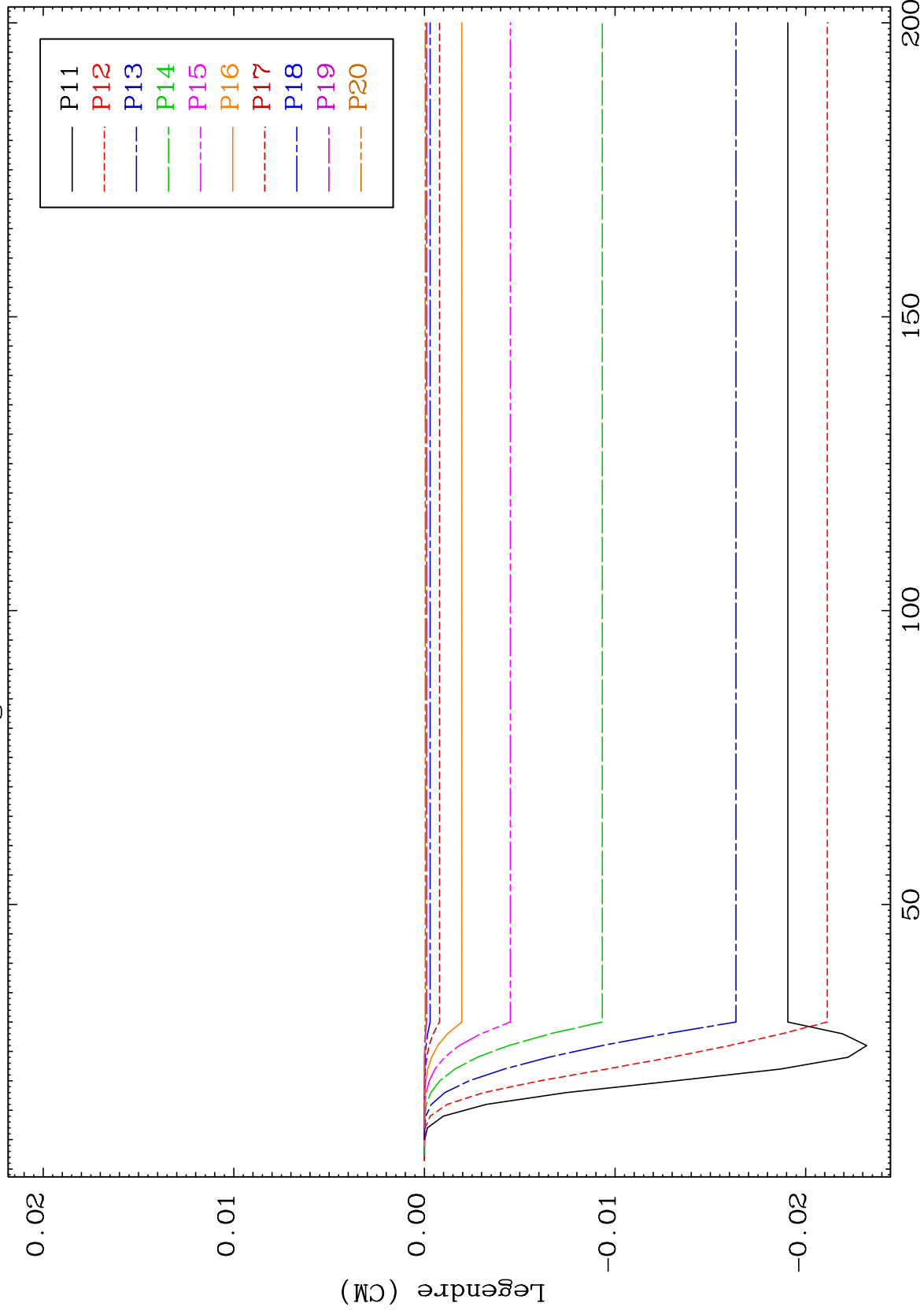
103

18-Ar-40

MAT 1837

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

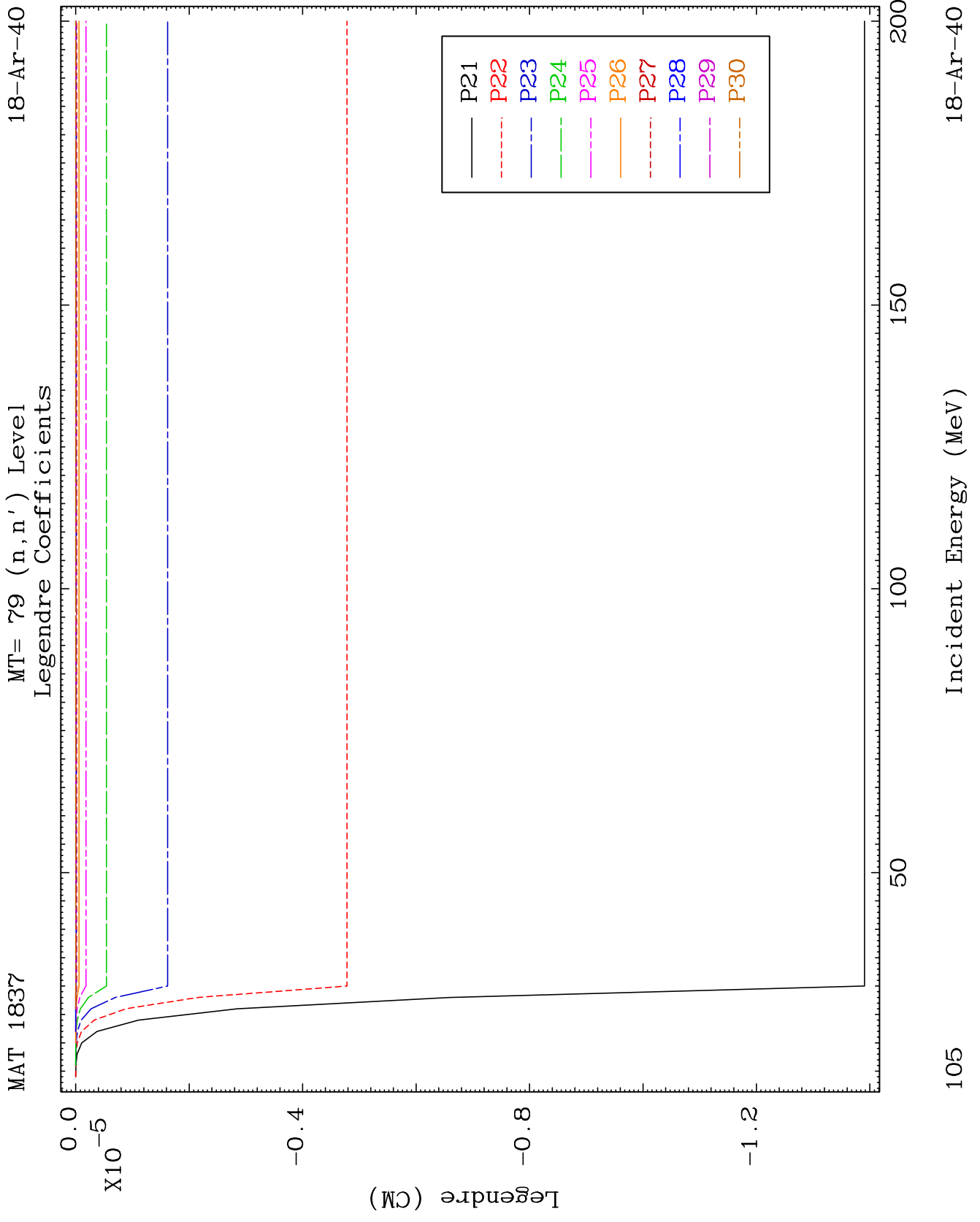
18-Ar-40

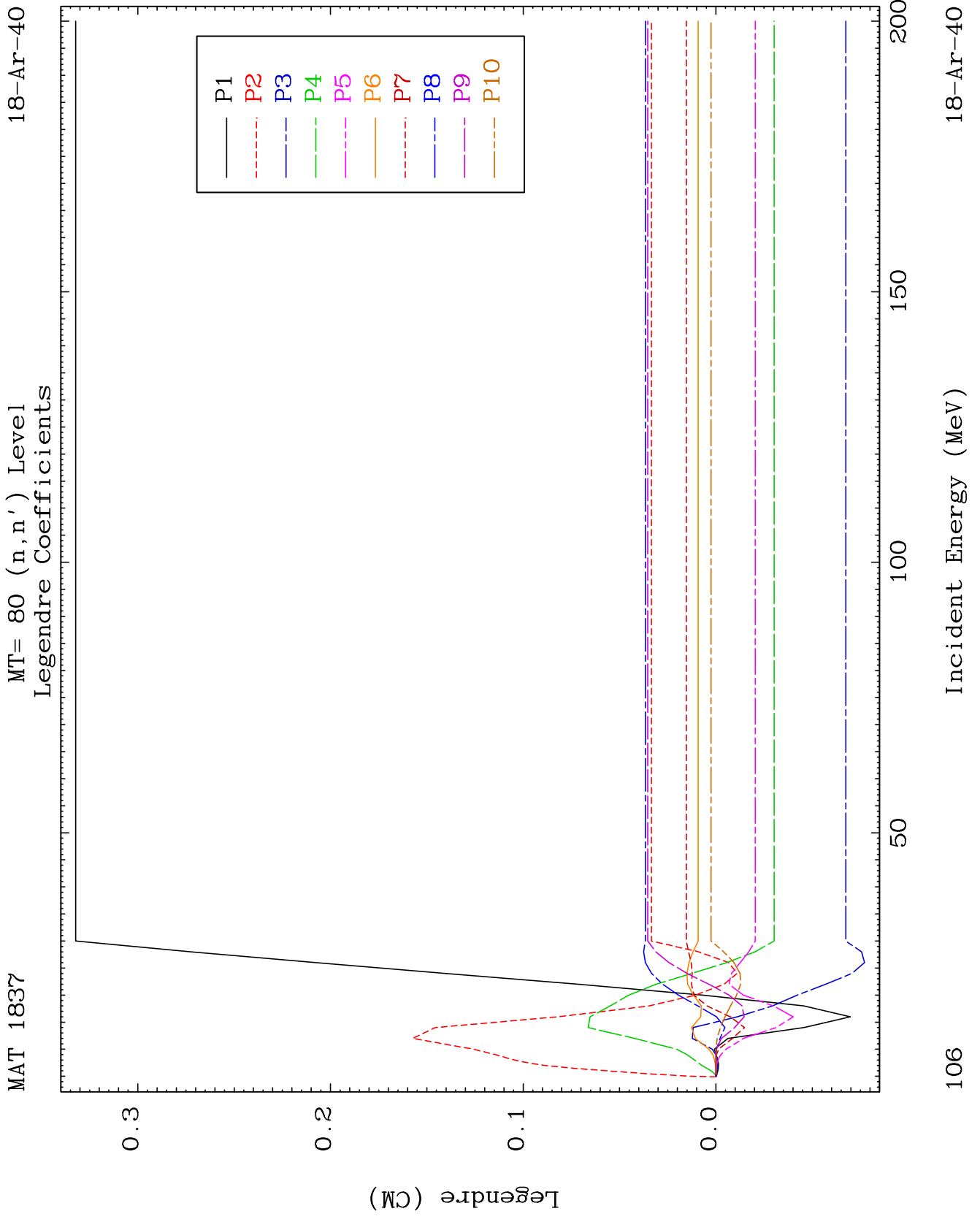


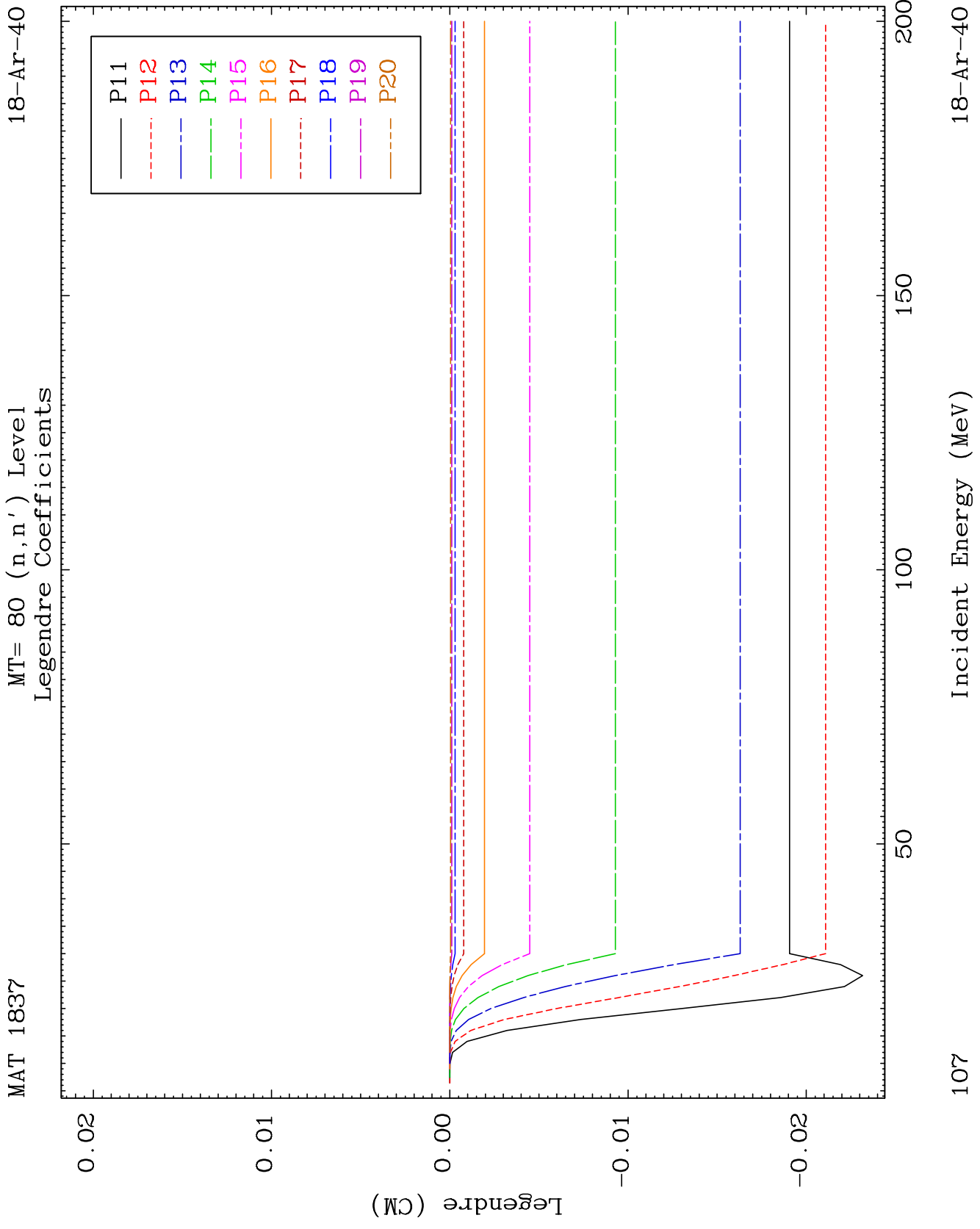
104

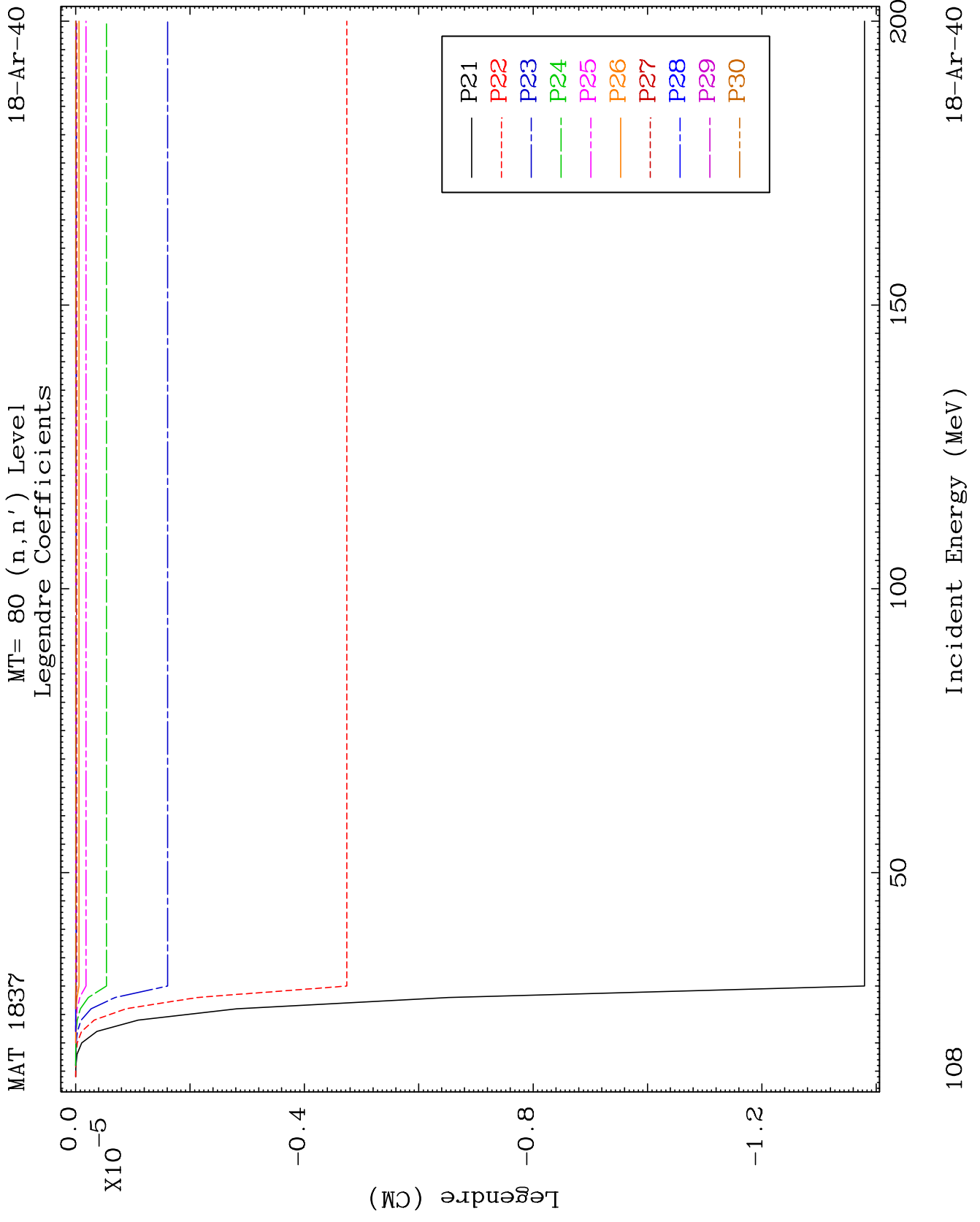
Incident Energy (MeV)

18-Ar-40







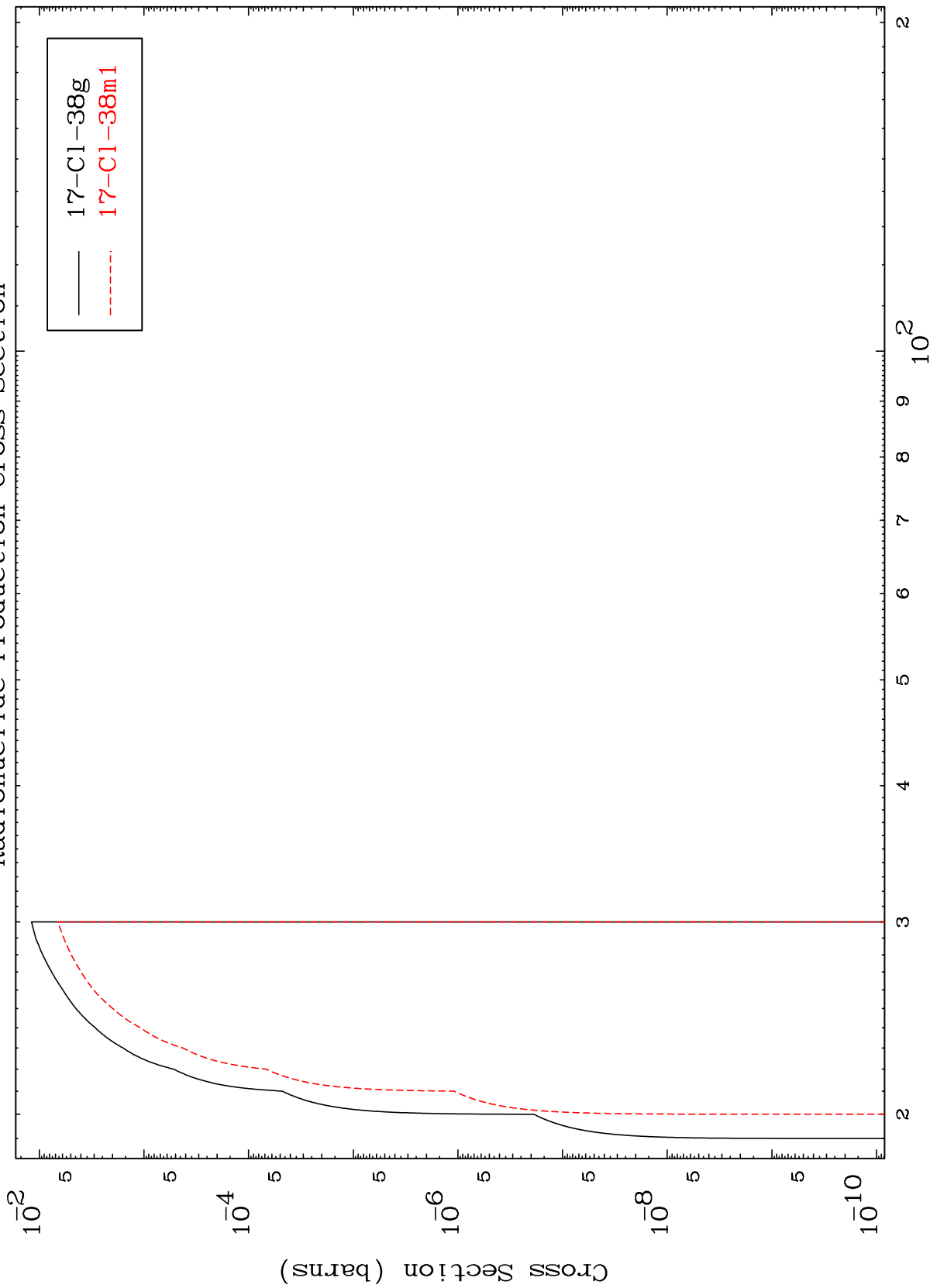


MAT 1837

(n,n') d

18-Ar-40

Radionuclide Production Cross Section



109

Incident Energy (MeV)

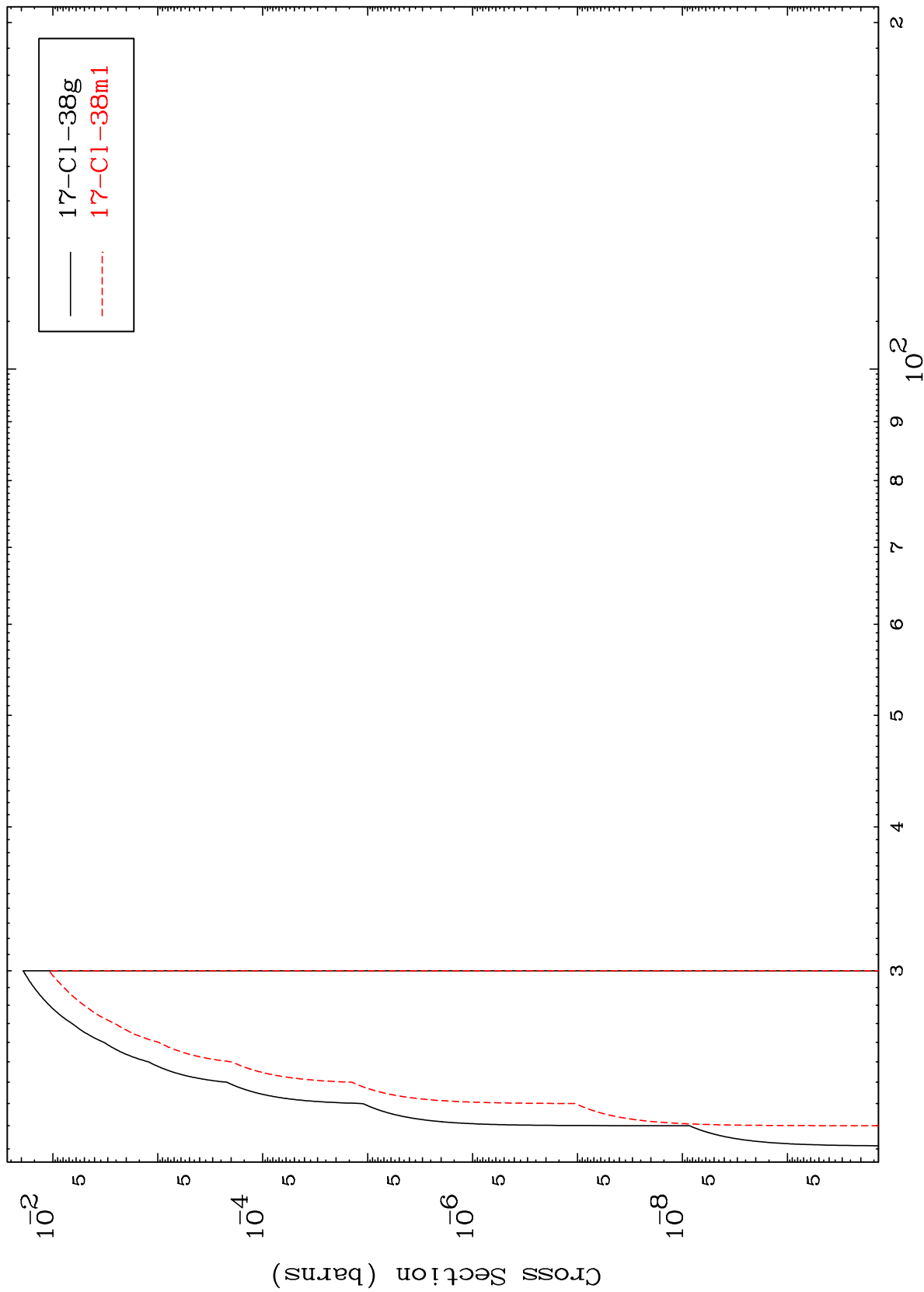
18-Ar-40

MAT 1837

(n,2n) p

18-Ar-40

Radionuclide Production Cross Section



110

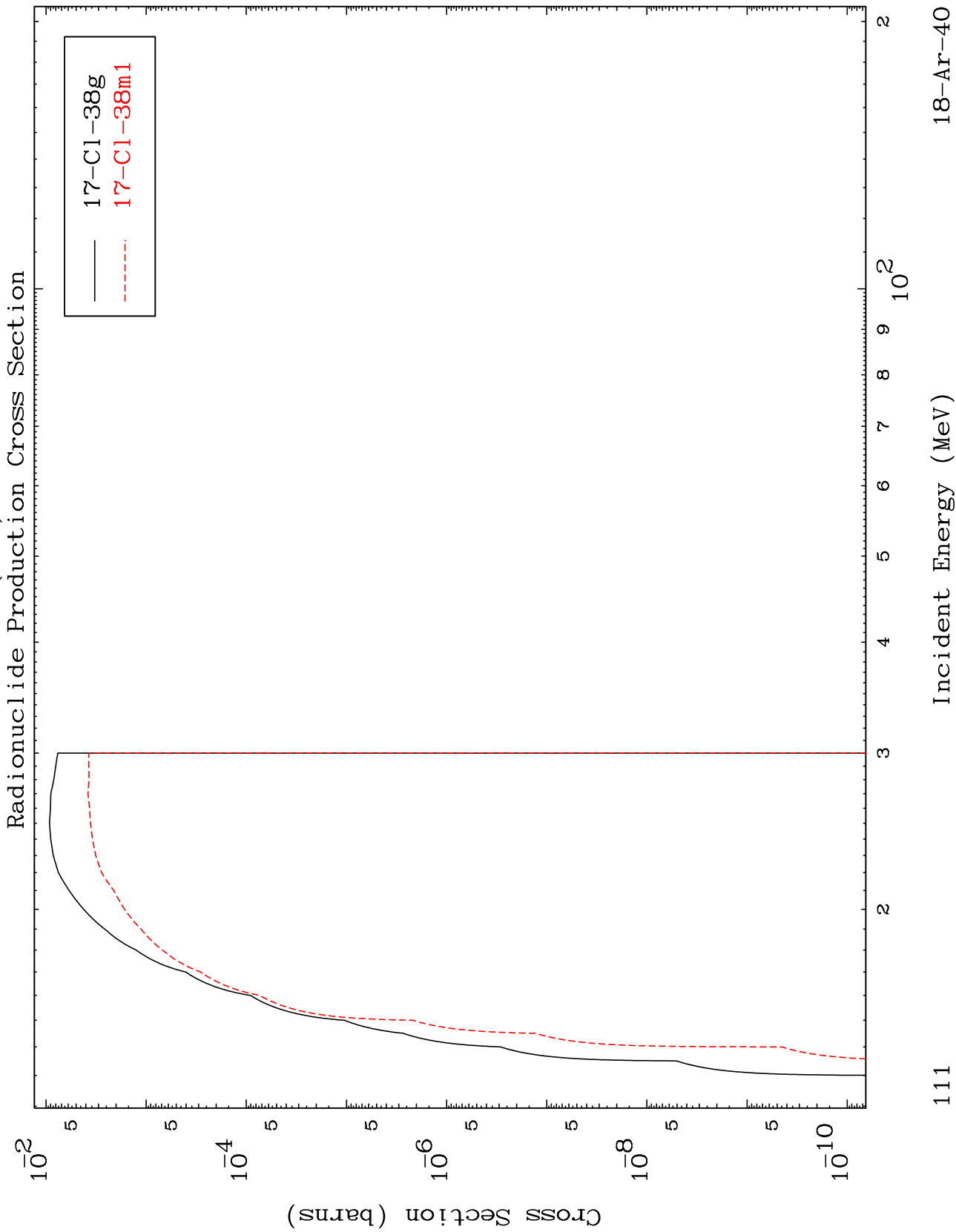
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n,t)

18-Ar-40



111

18-Ar-40