

Program EVALPLOT
(Version 2017-1)

by

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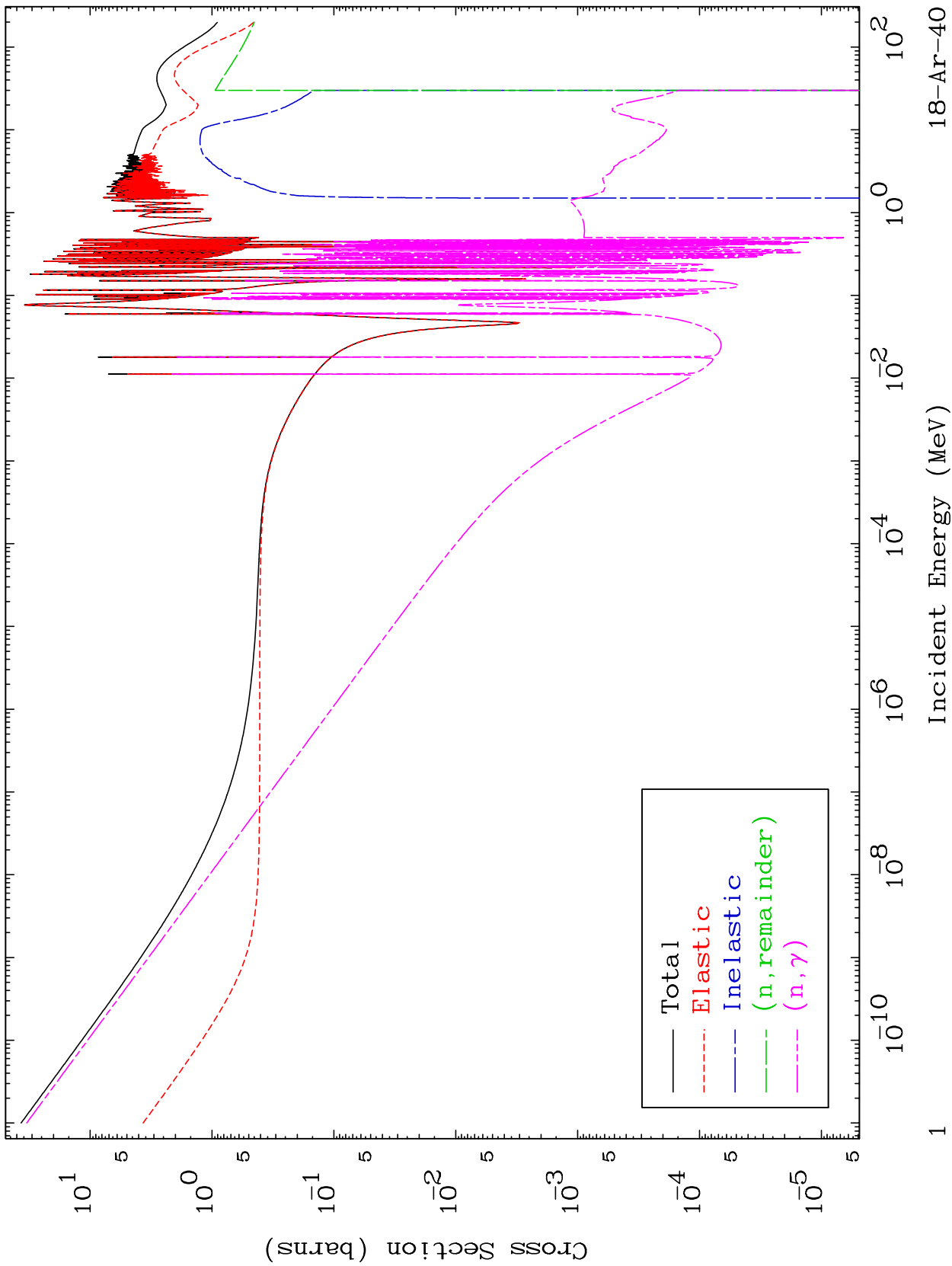
Press Mouse Button to Start

MAT 1837

Major

293 Kelvin Cross Sections

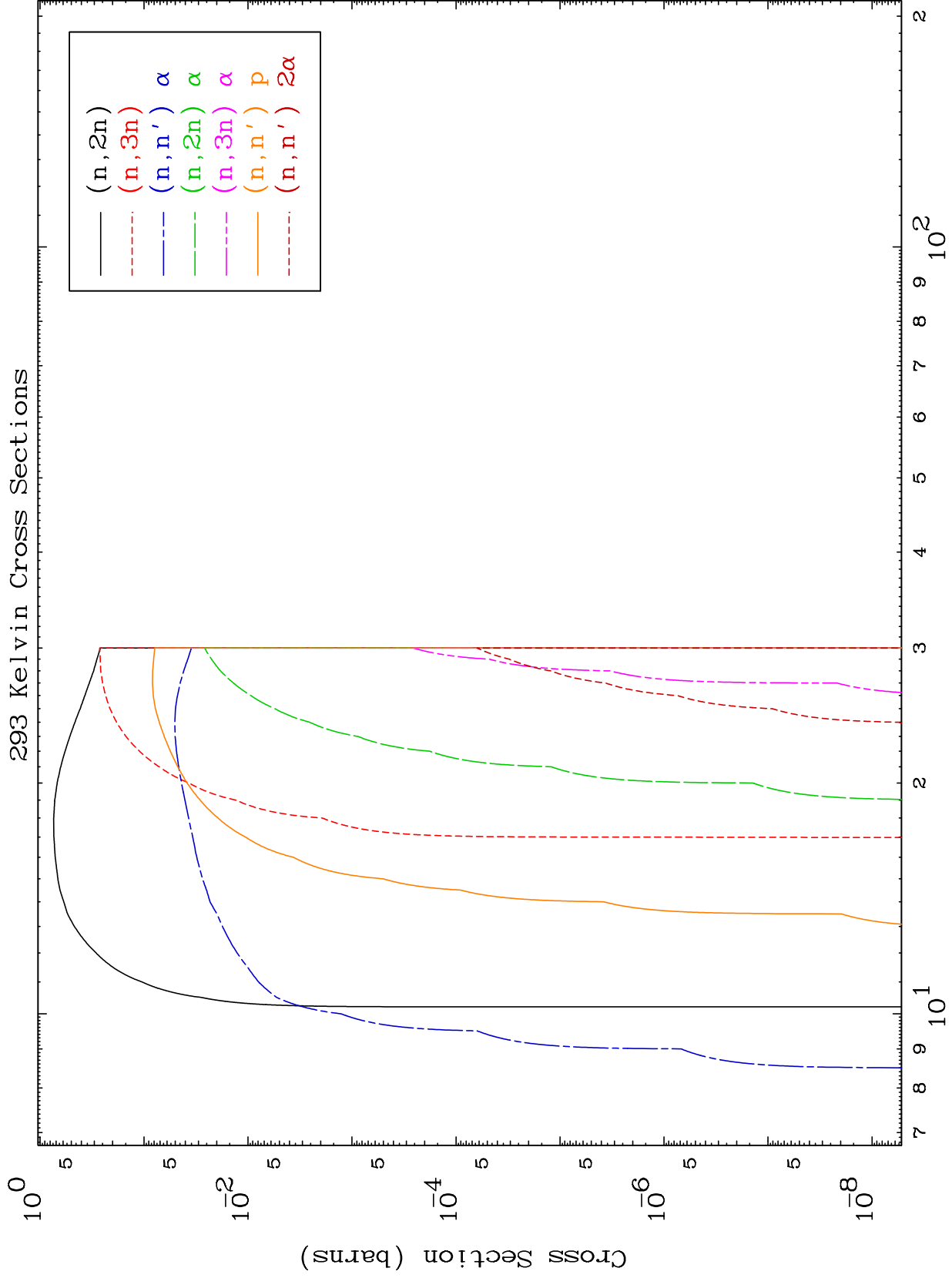
18-Ar-40



MAT 1837

Neutron Production
293 Kelvin Cross Sections

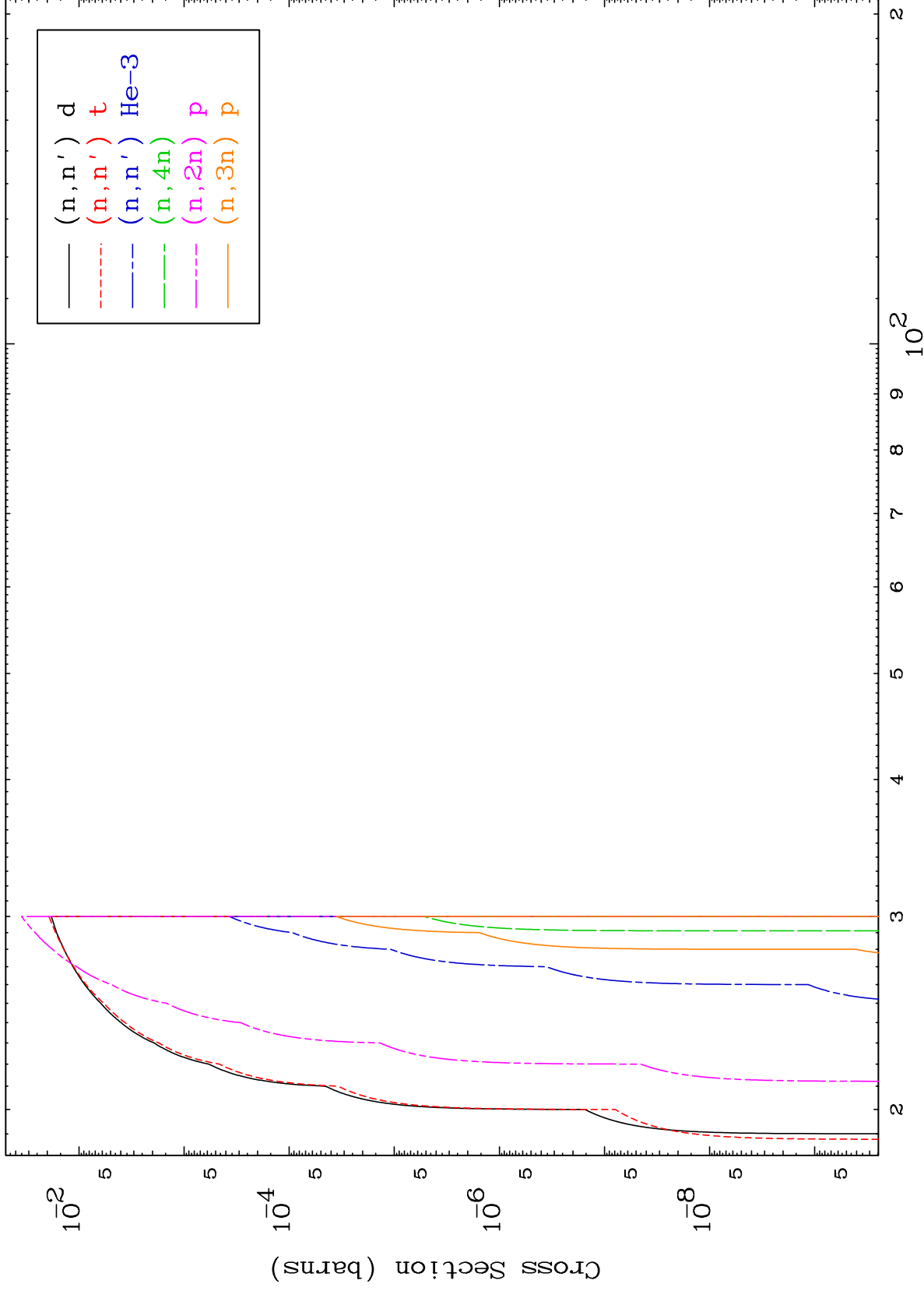
18-Ar-40



2

Incident Energy (MeV)

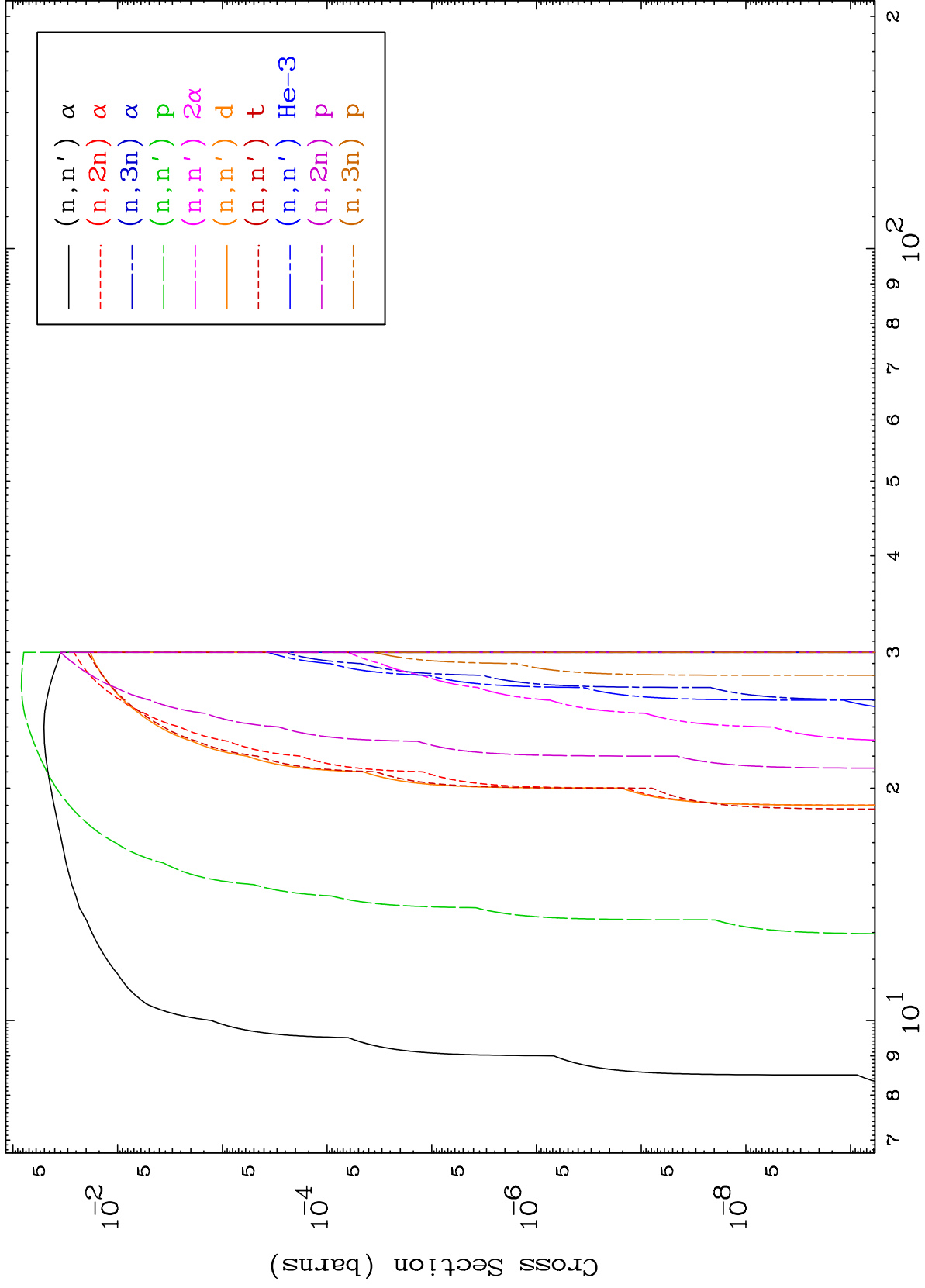
18-Ar-40



MAT 1837

Charged Particle
293 Kelvin Cross Sections

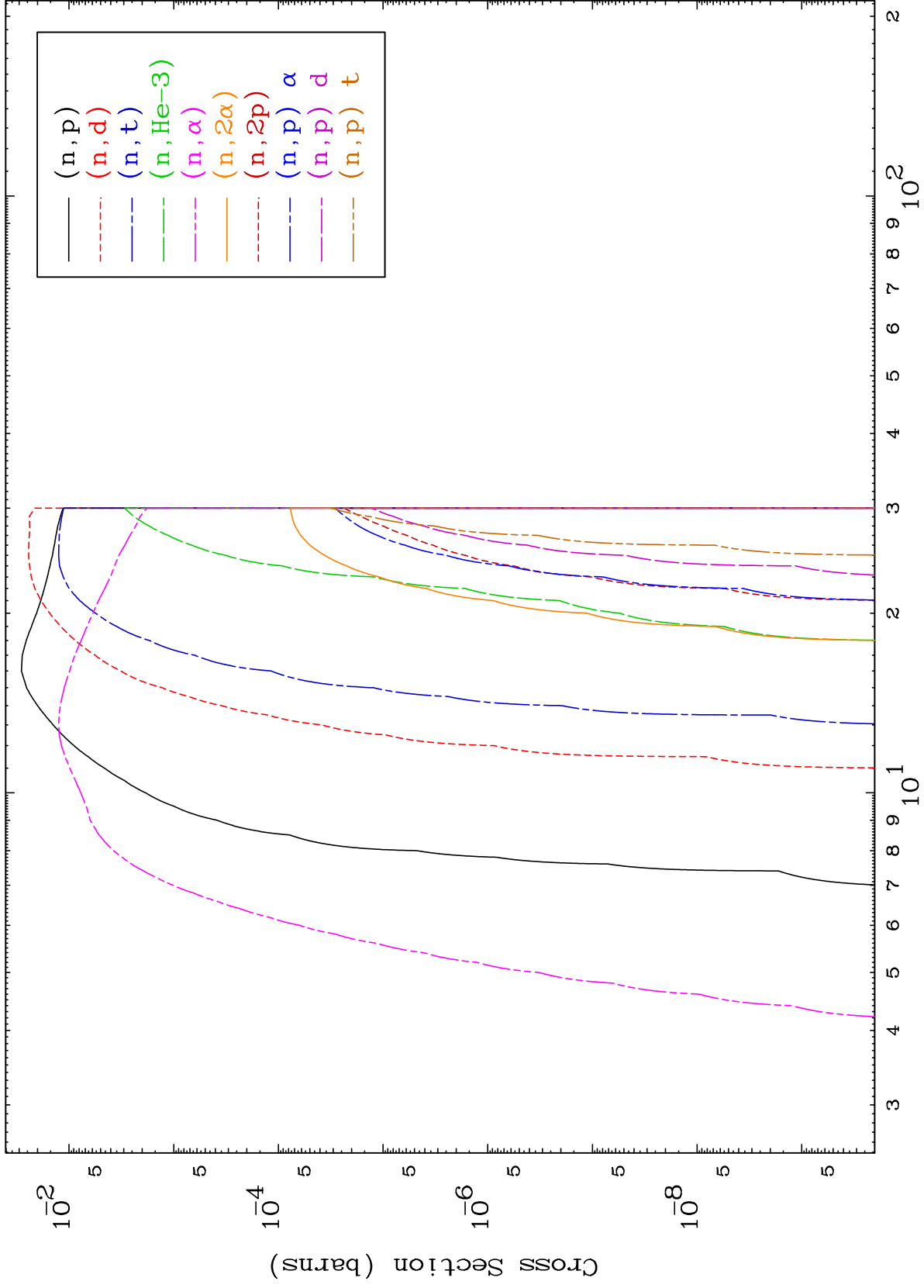
18-Ar-40

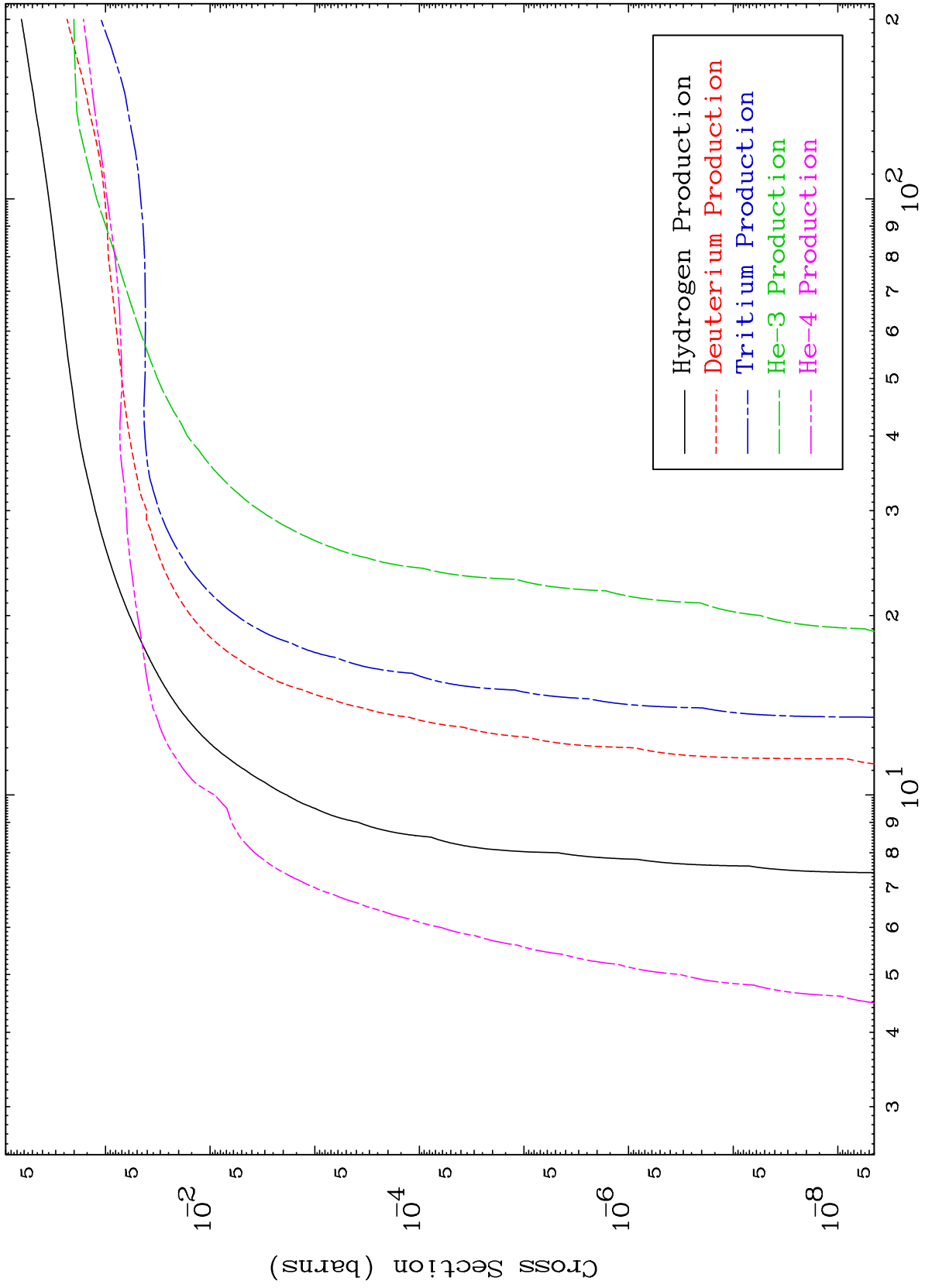


4

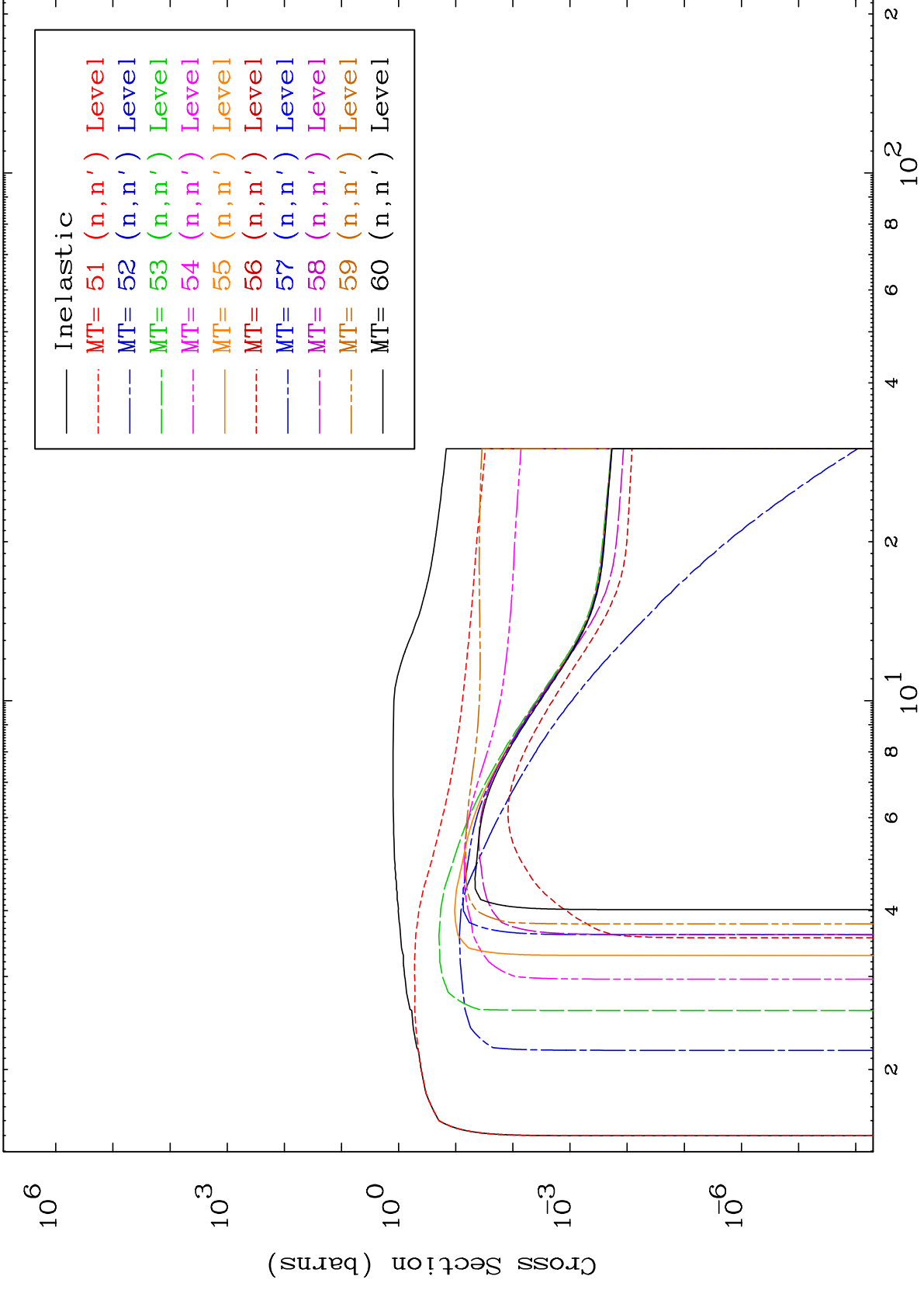
Incident Energy (MeV)

18-Ar-40





293 Kelvin Cross Sections

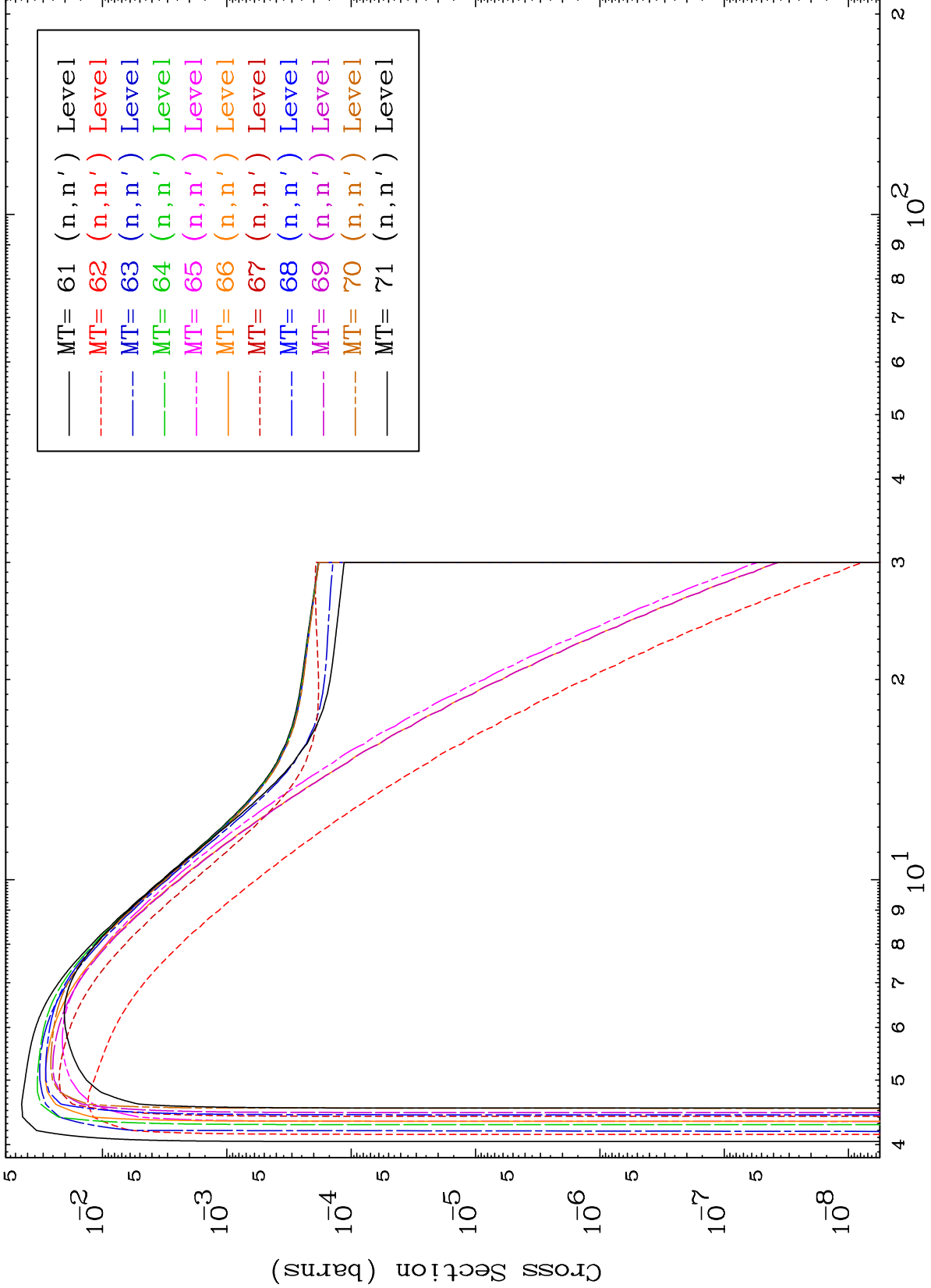


MAT 1837

(n,n') Level

18-Ar-40

293 Kelvin Cross Sections



Incident Energy (MeV)

18-Ar-40

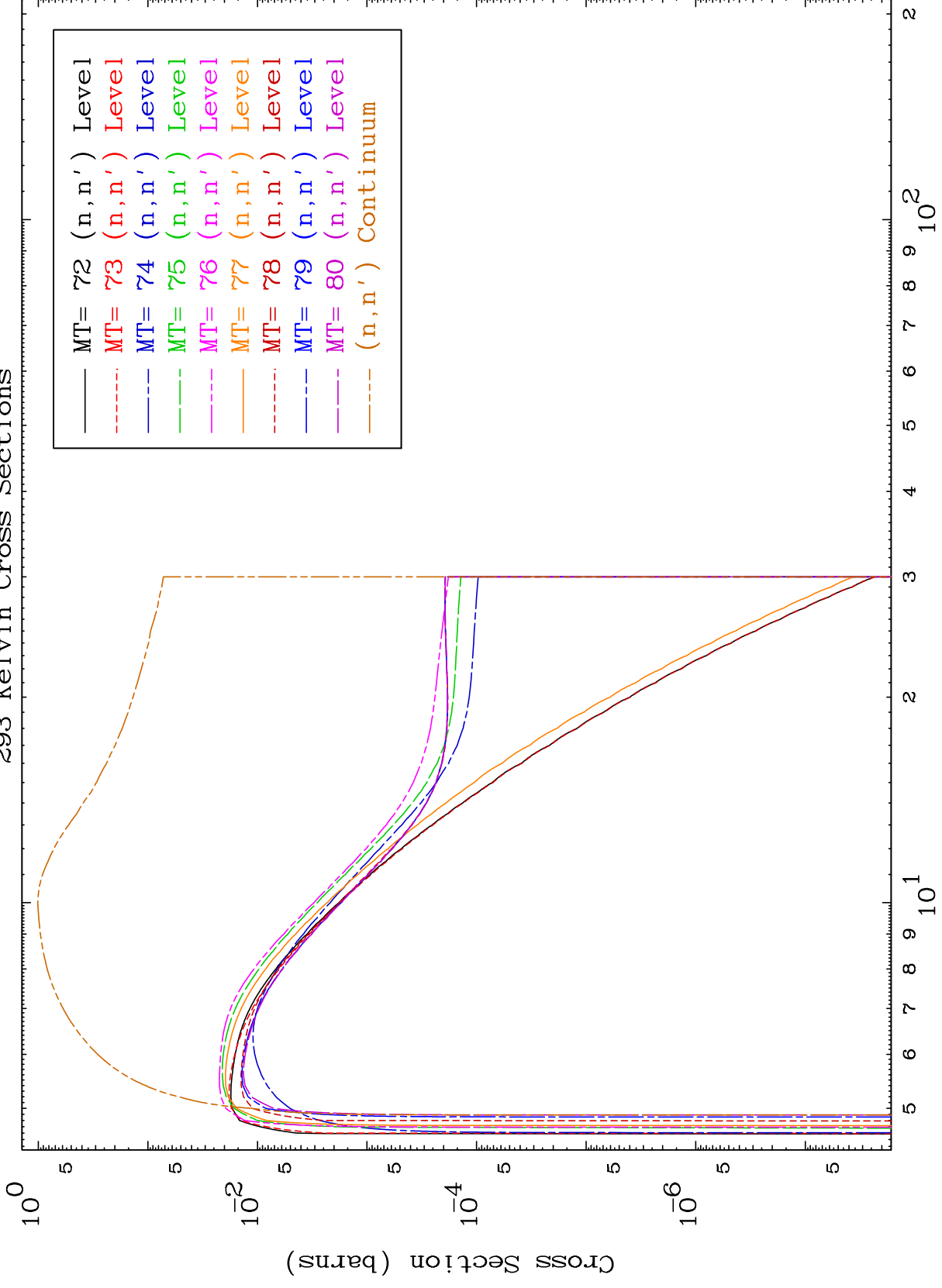
8

MAT 1837

(n,n') Level

18-Ar-40

293 Kelvin Cross Sections



9

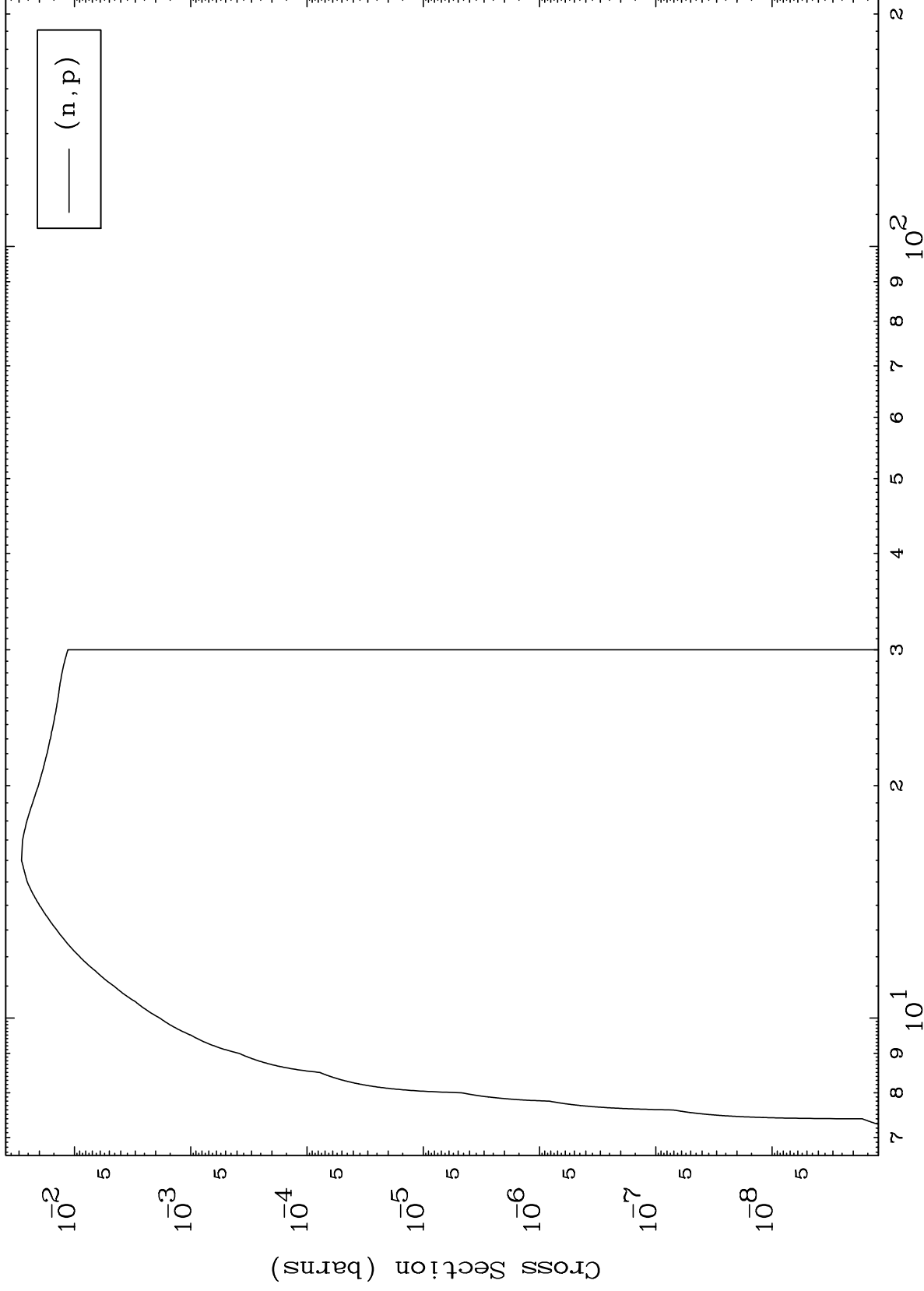
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n,p) Levels
293 Kelvin Cross Sections

18-Ar-40



10

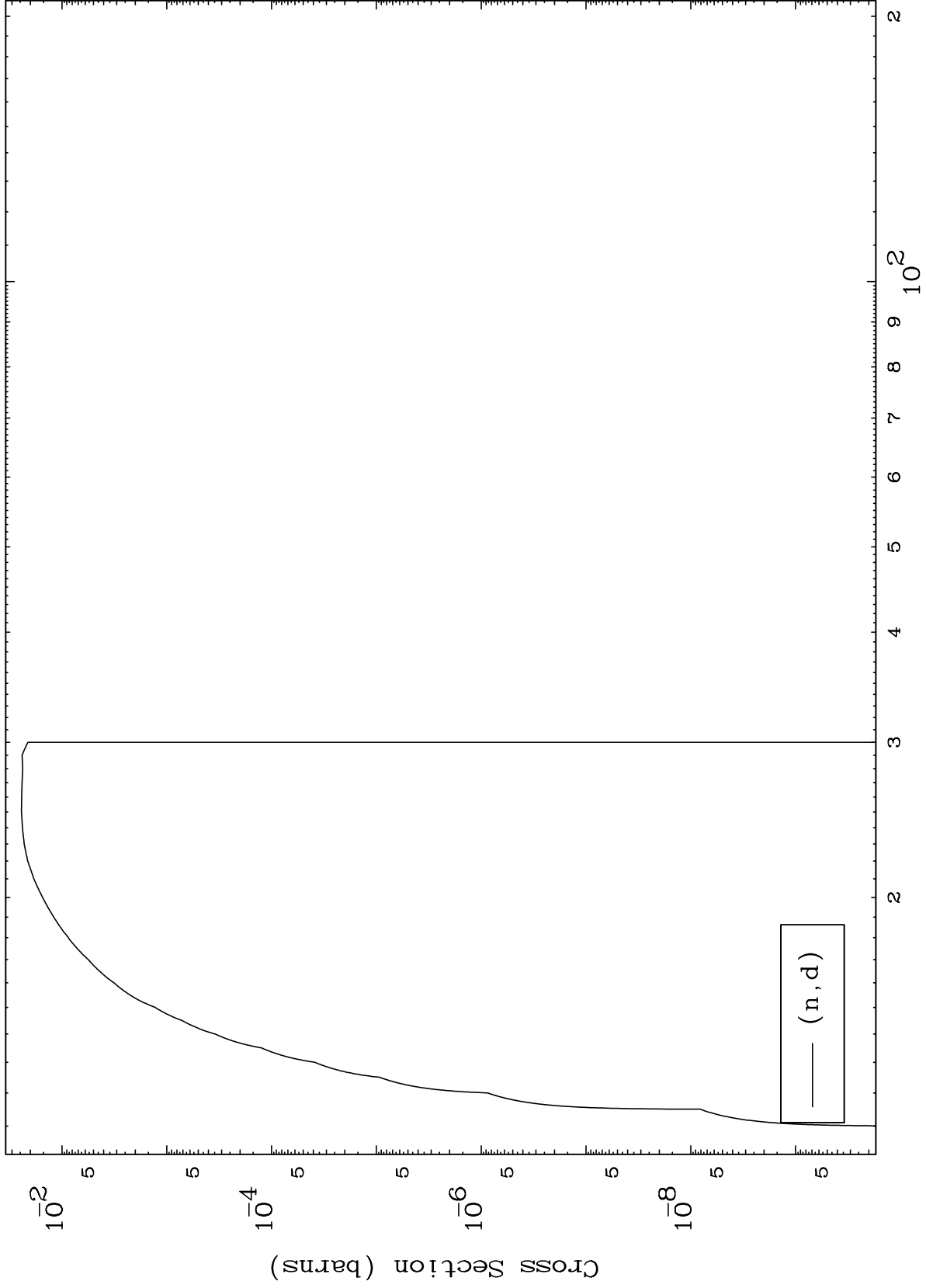
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n,d) Levels
293 Kelvin Cross Sections

18-Ar-40



11

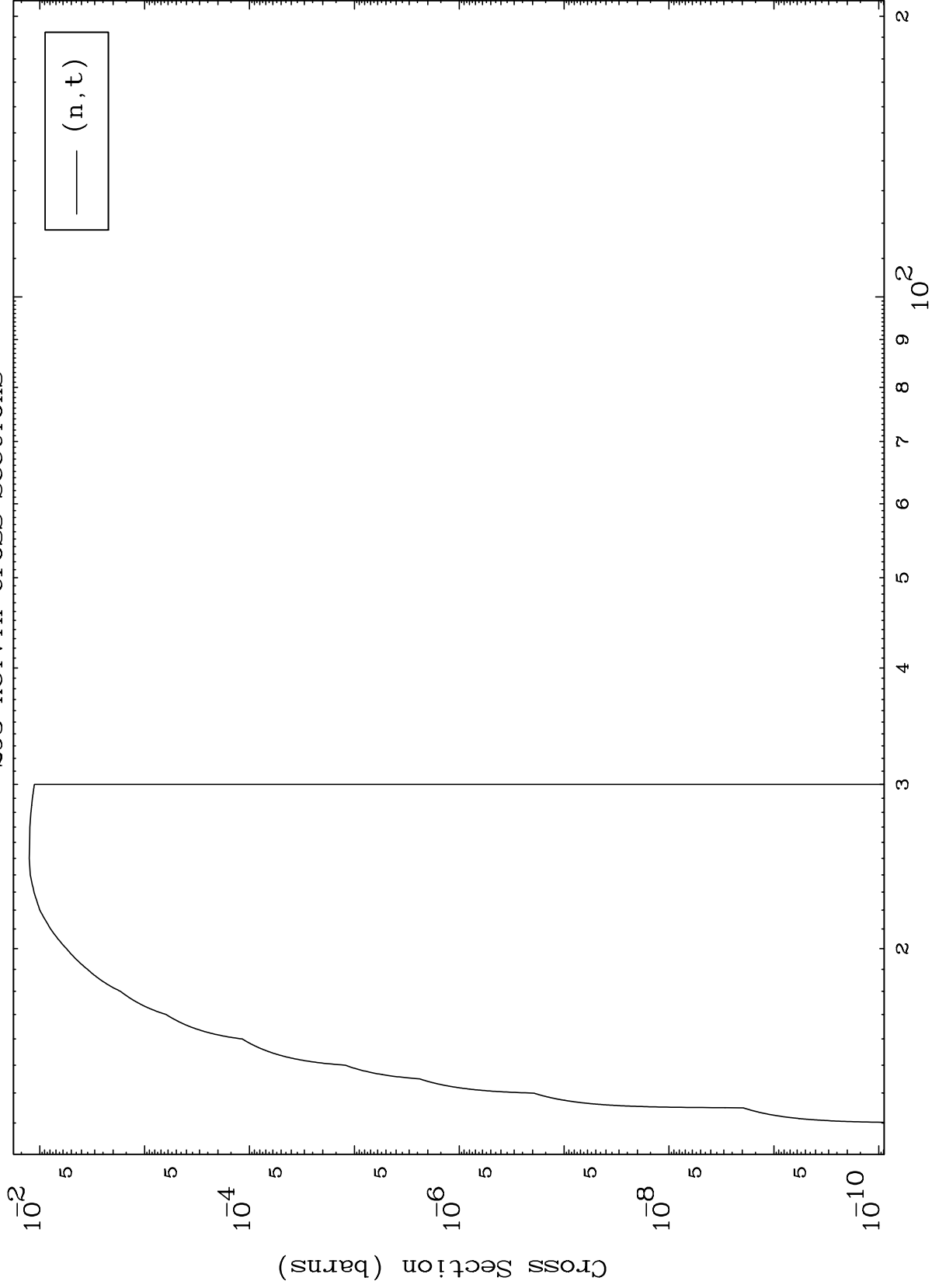
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n,t) Levels
293 Kelvin Cross Sections

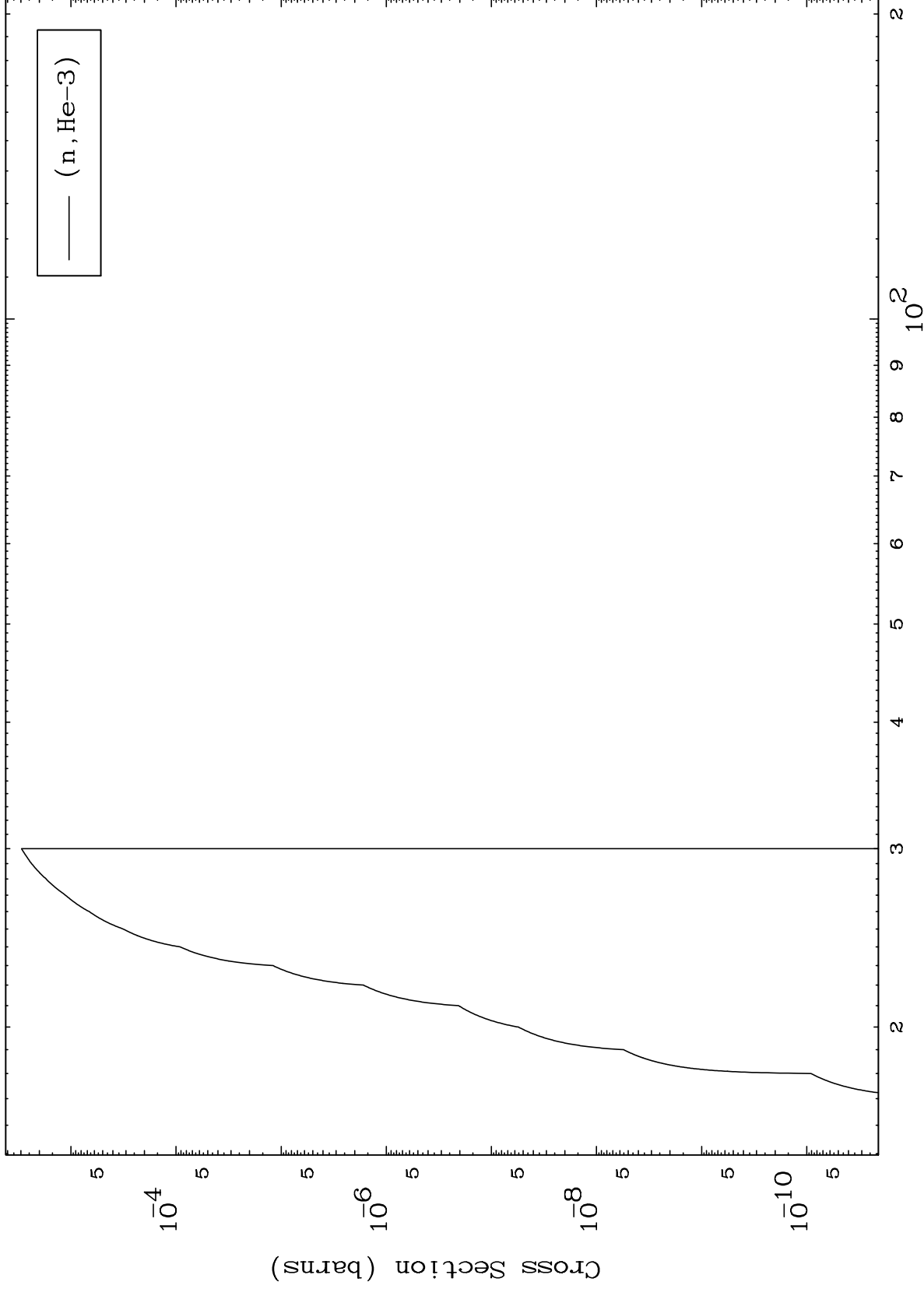
18-Ar-40



12

Incident Energy (MeV)

18-Ar-40

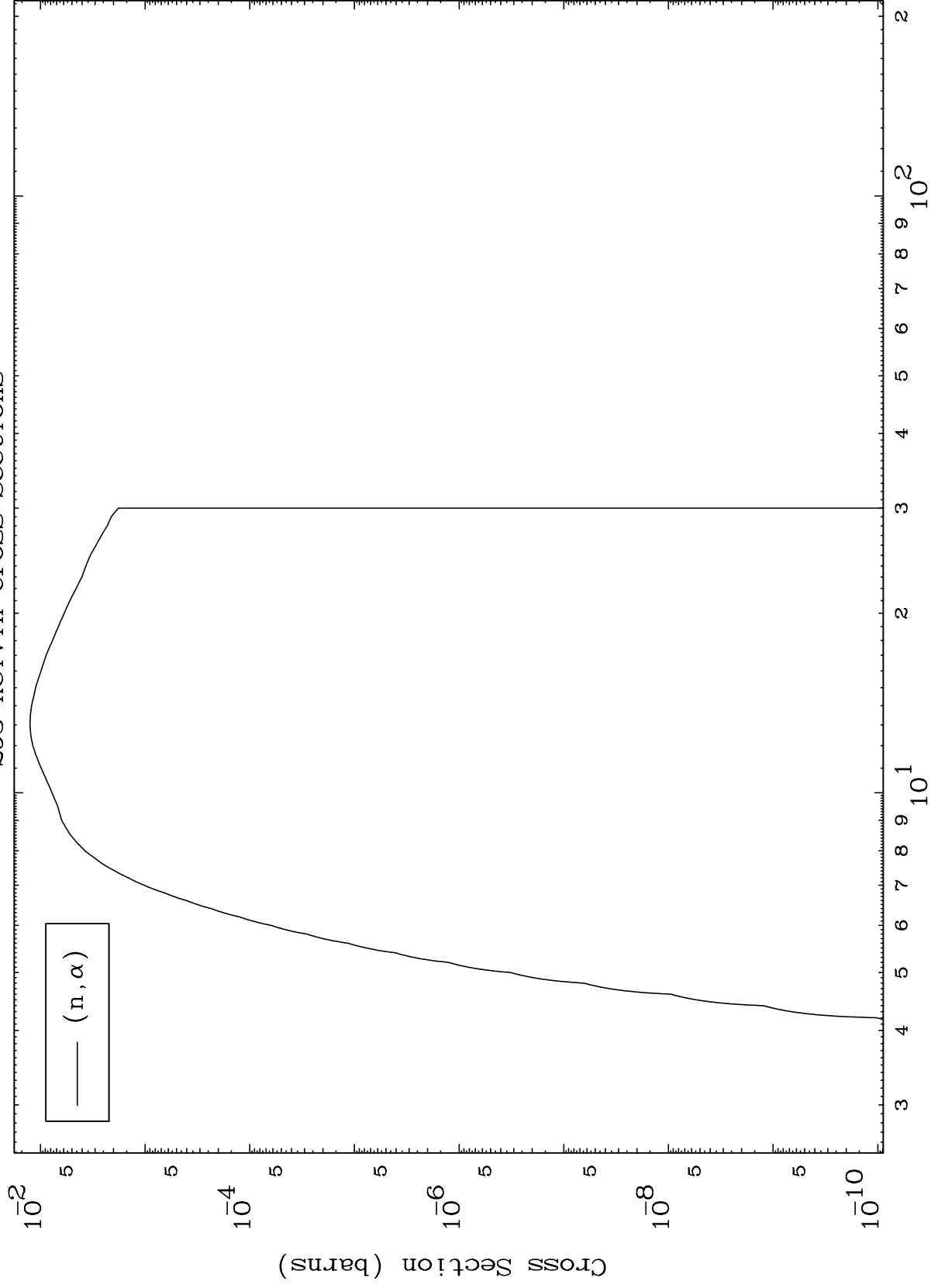


(n, He-3)

MAT 1837

(n, α) Levels
293 Kelvin Cross Sections

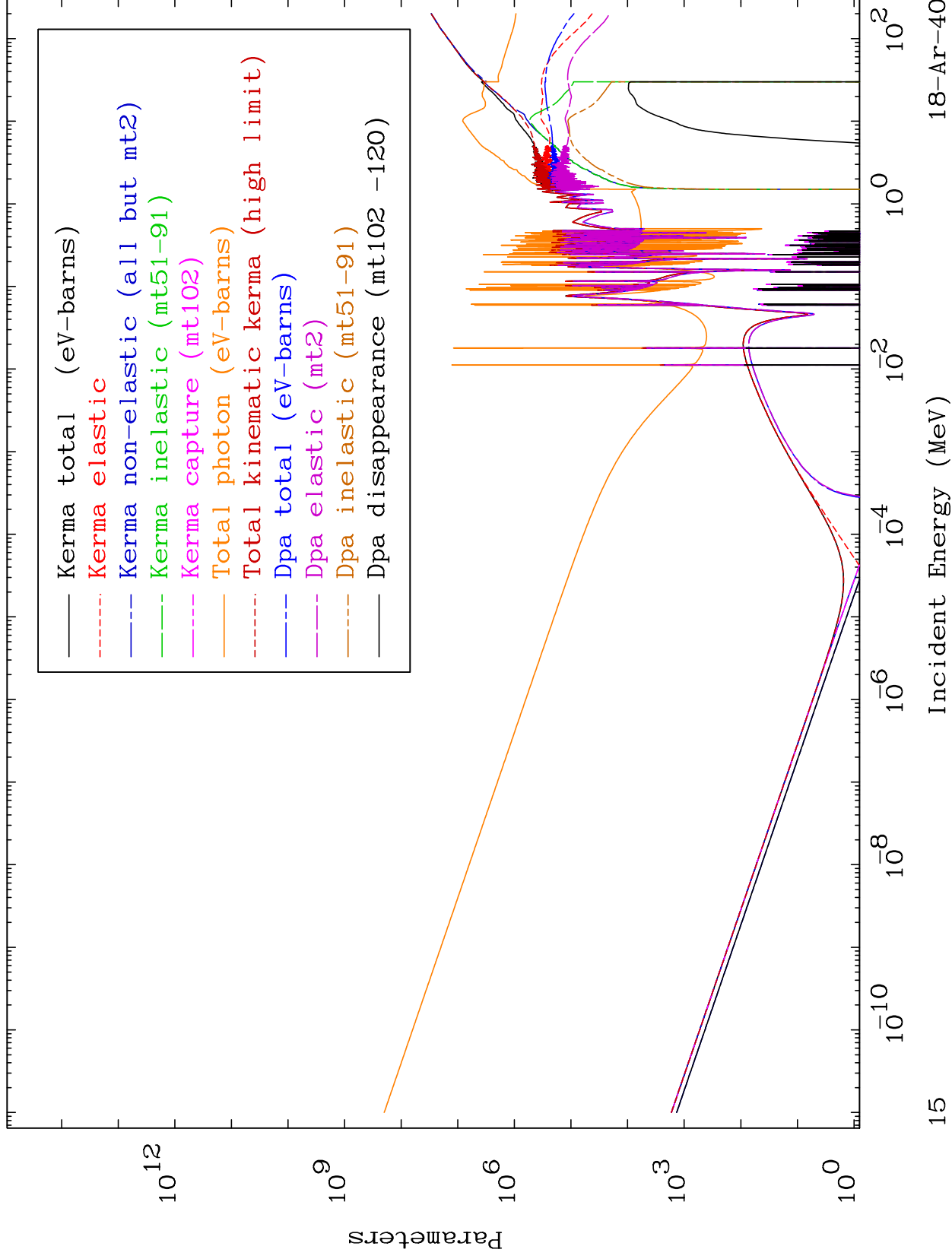
18-Ar-40



14

Incident Energy (MeV)

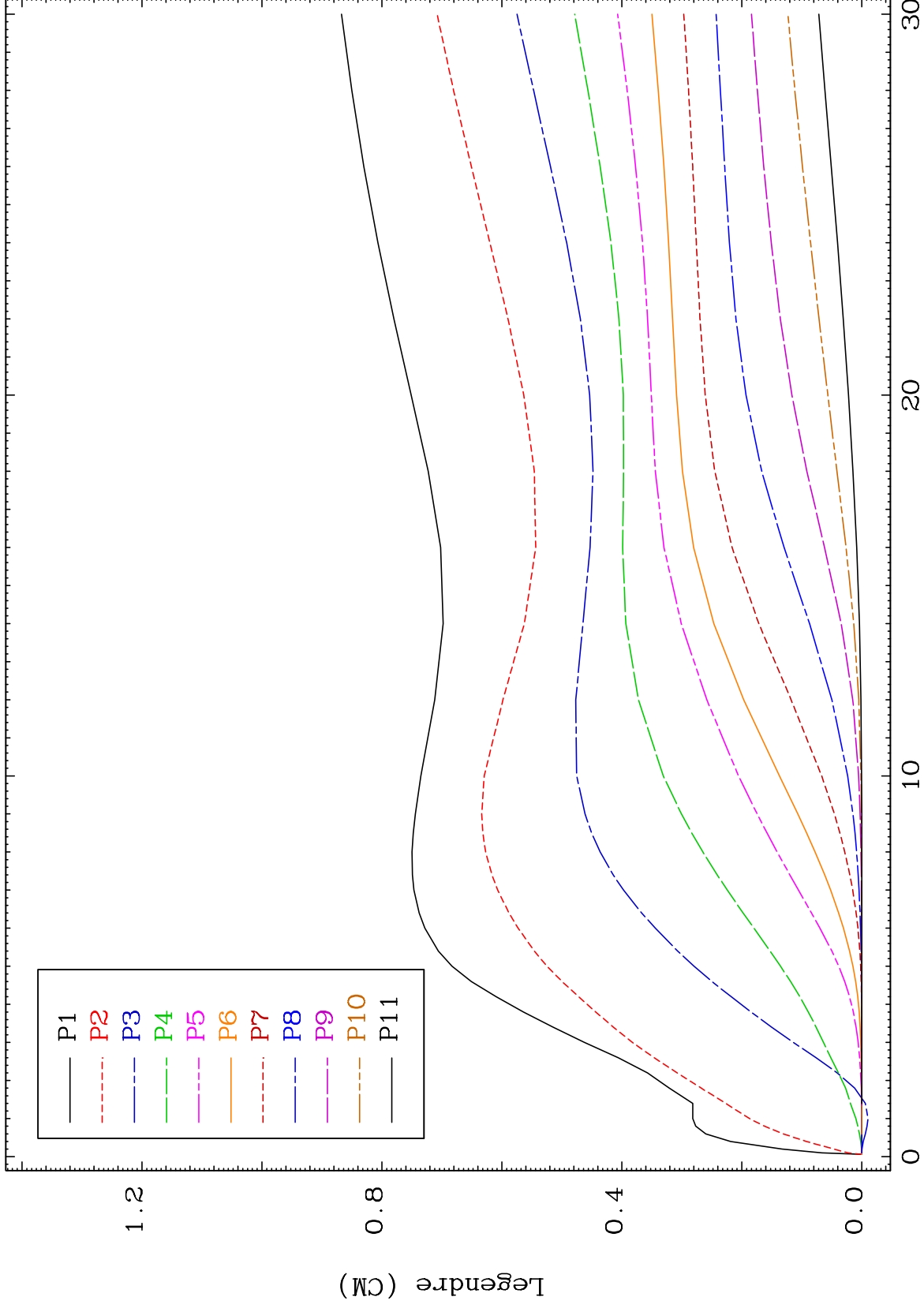
18-Ar-40



MAT 1837

Elastic Legendre Coefficients

18-Ar-40



16

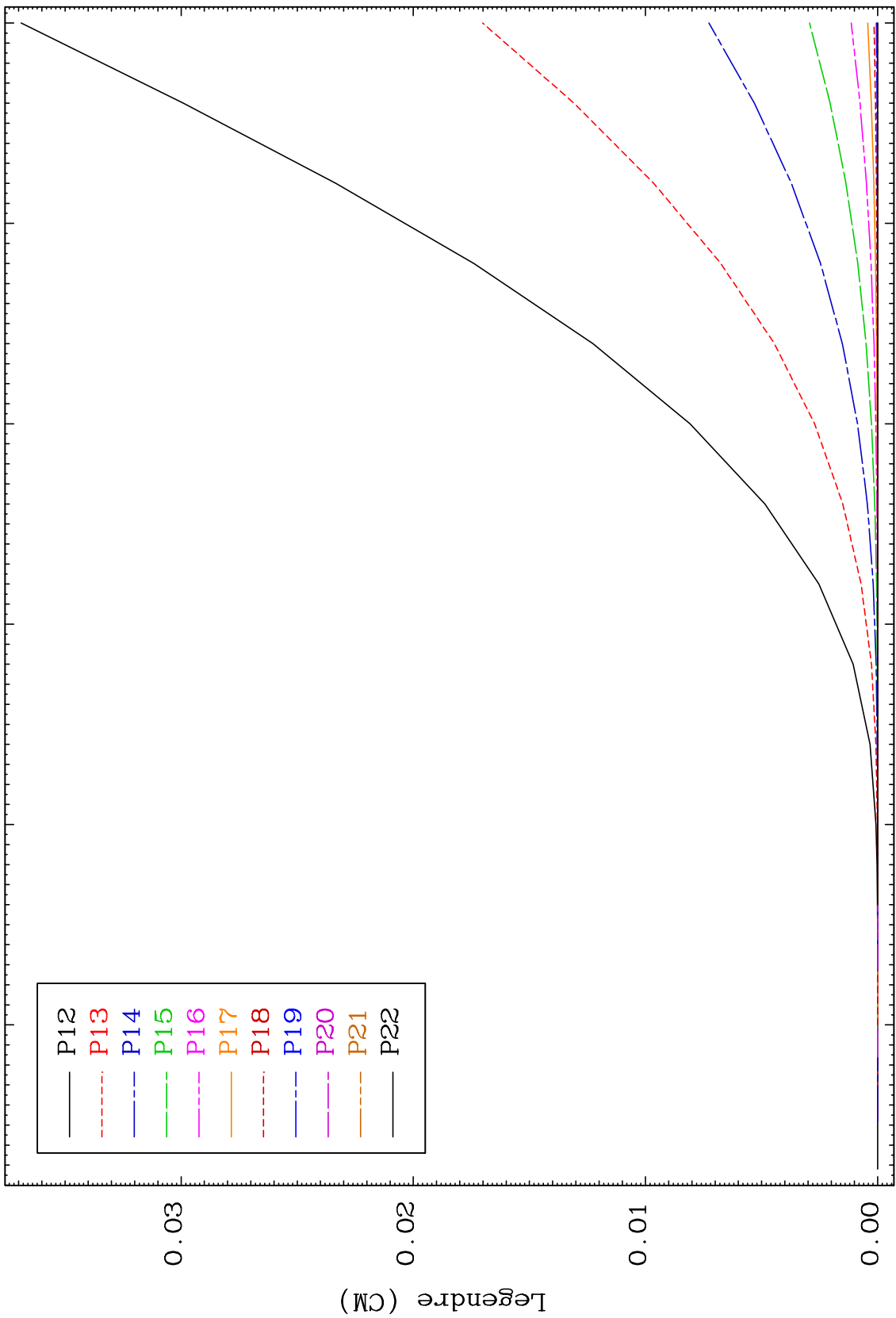
Incident Energy (MeV)

18-Ar-40

MAT 1837

Elastic Legendre Coefficients

18-Ar-40



17

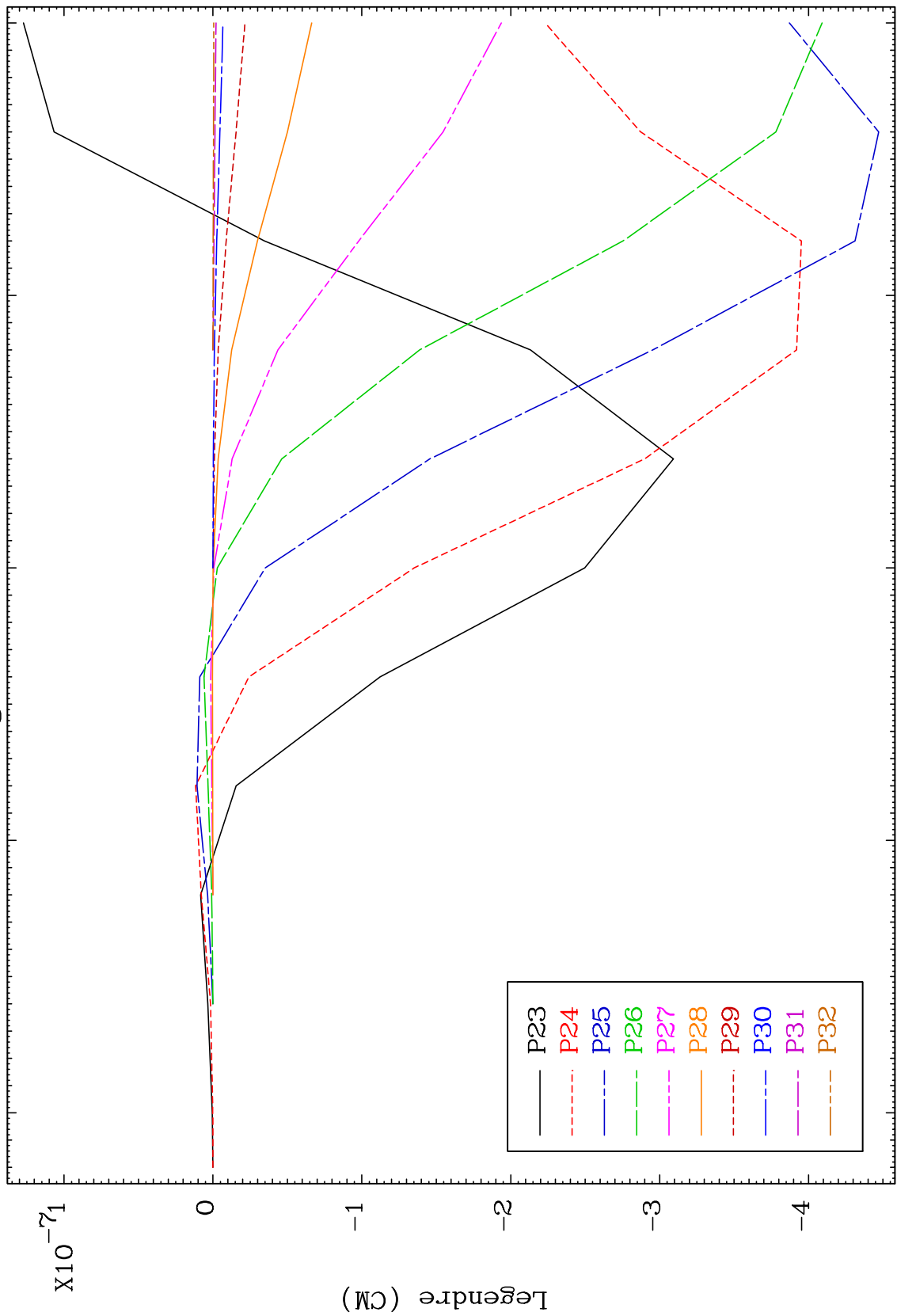
Incident Energy (MeV)

18-Ar-40

MAT 1837

Elastic Legendre Coefficients

18-Ar-40



18

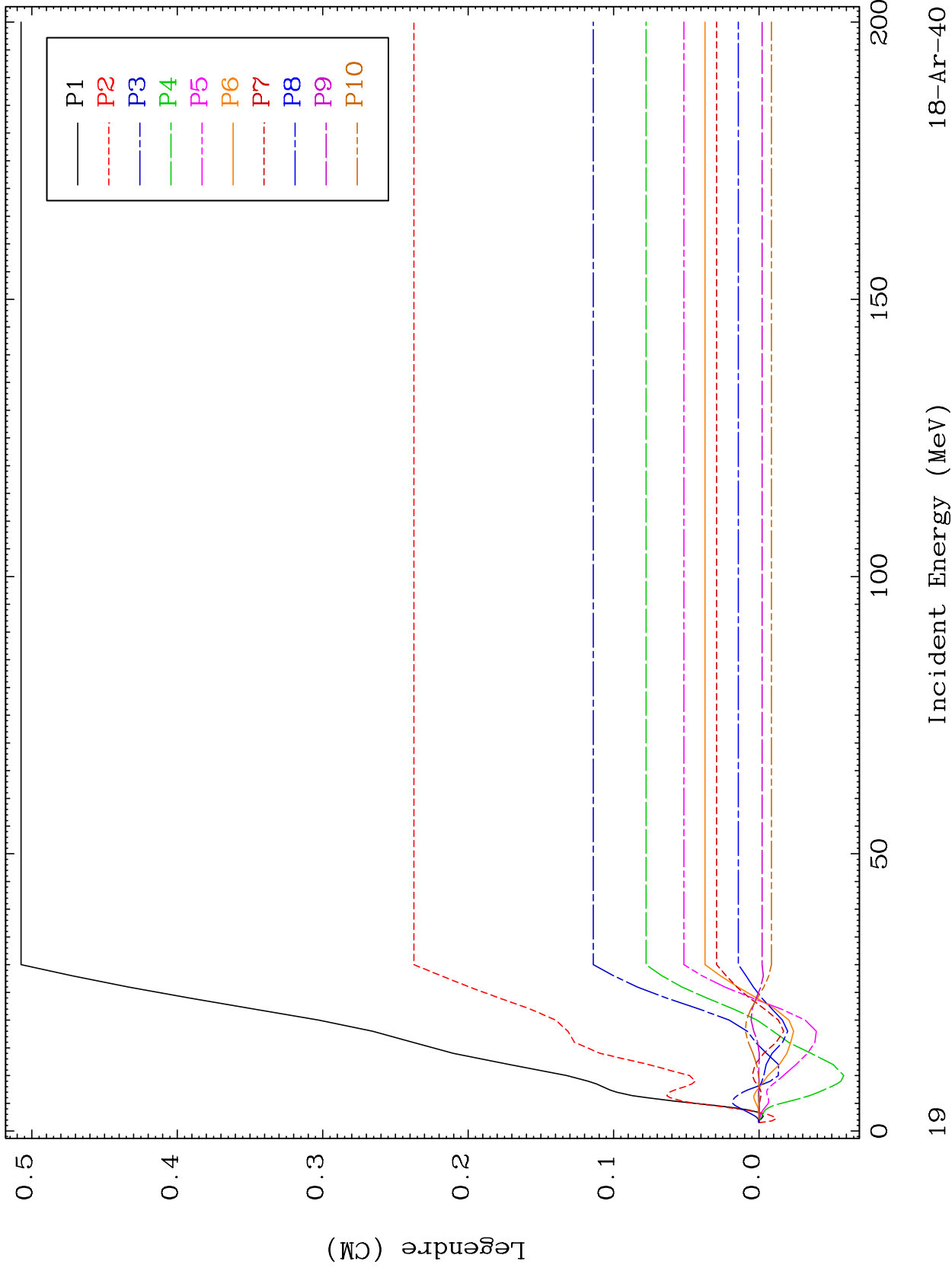
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



18-Ar-40

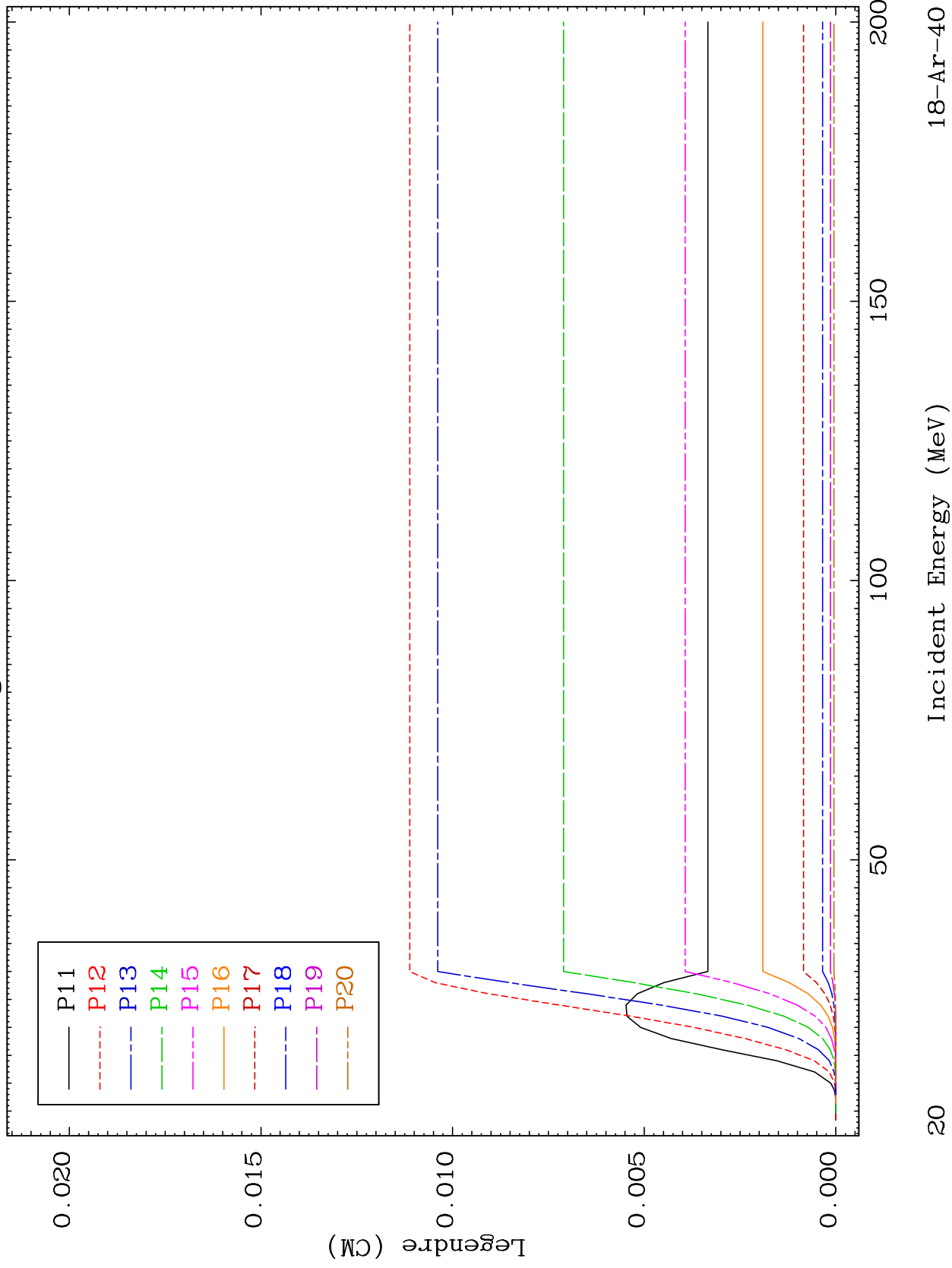
Incident Energy (MeV)

19

MAT 1837

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

18-Ar-40



18-Ar-40

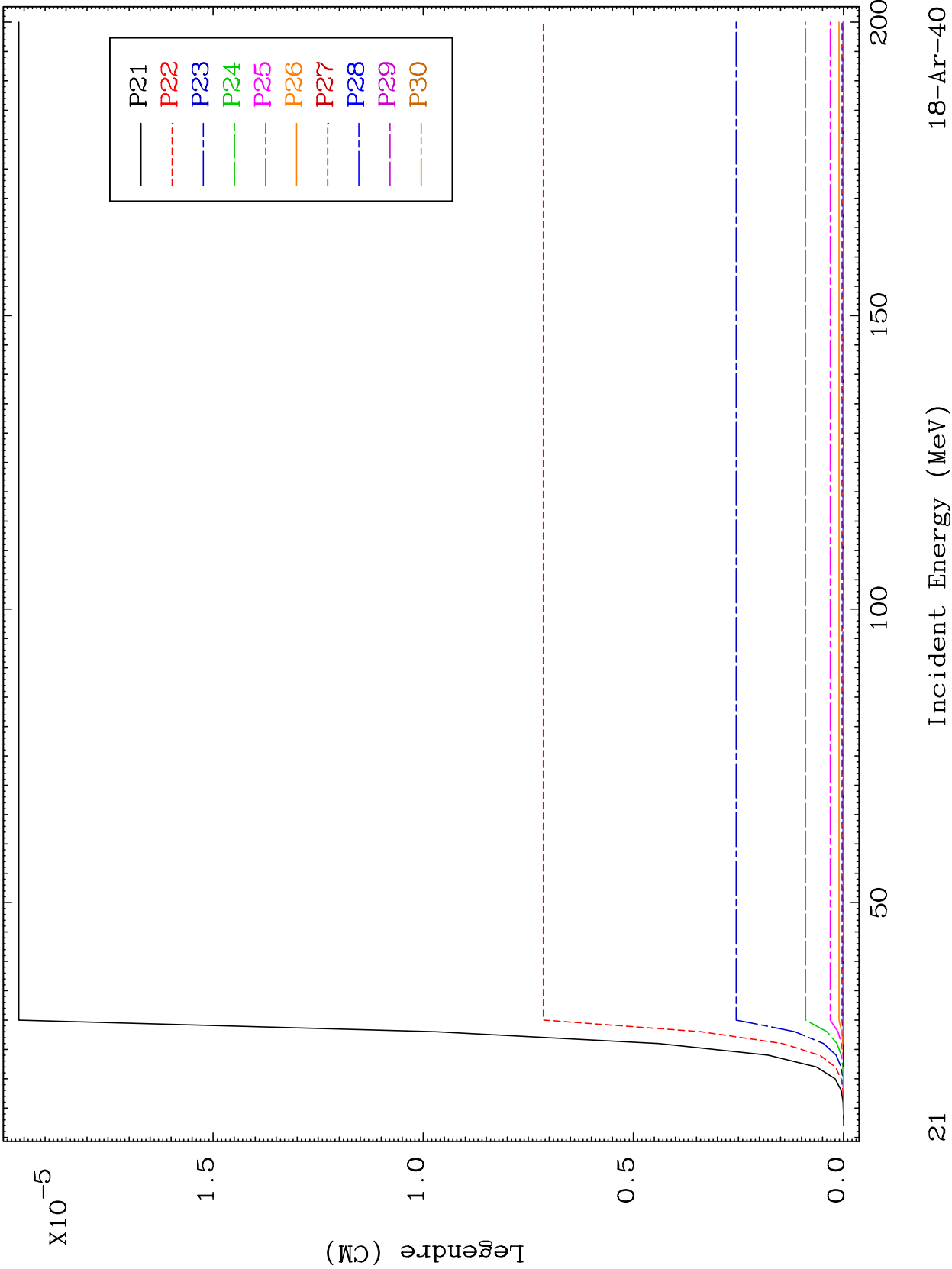
Incident Energy (MeV)

20

MAT 1837

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

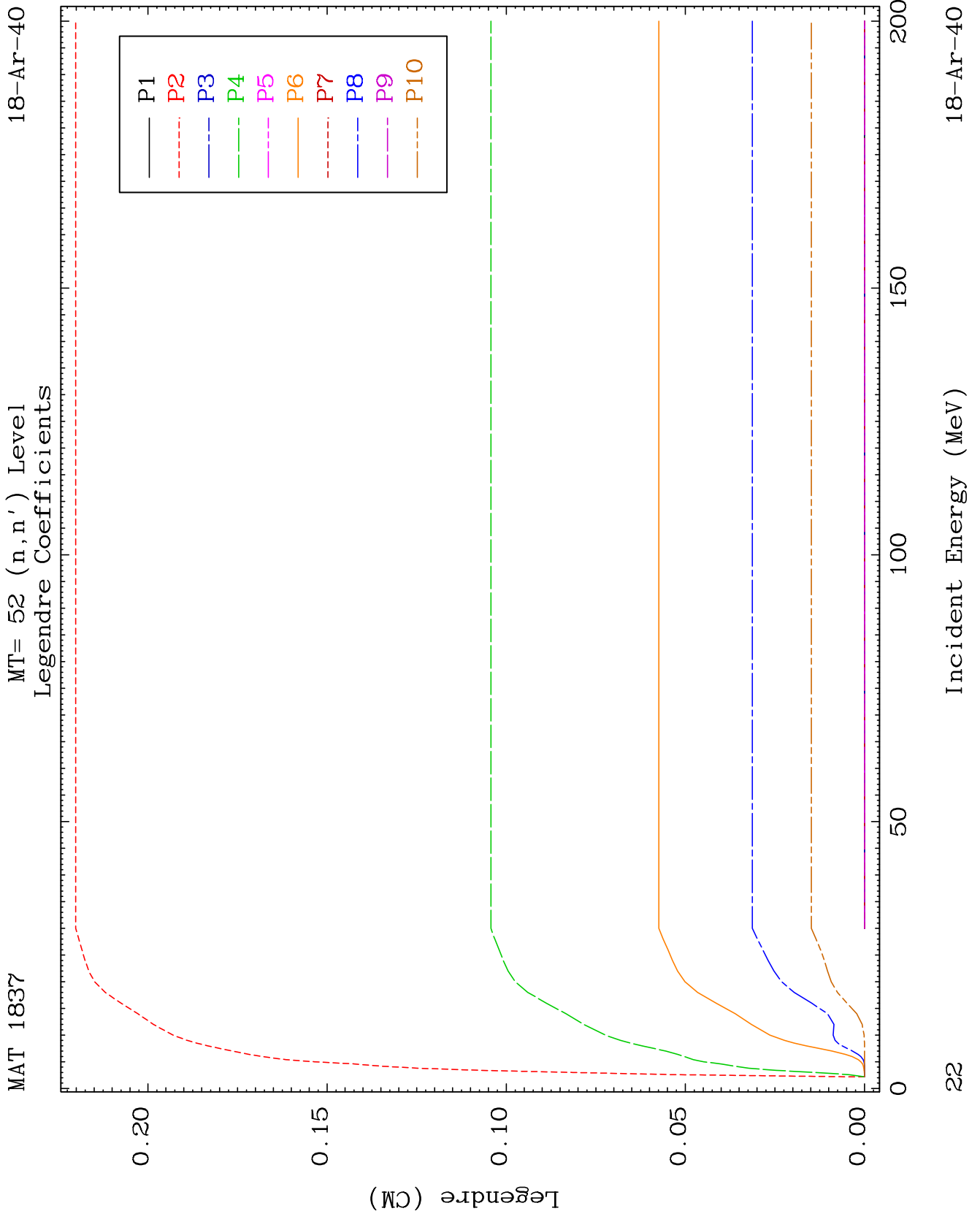
18-Ar-40

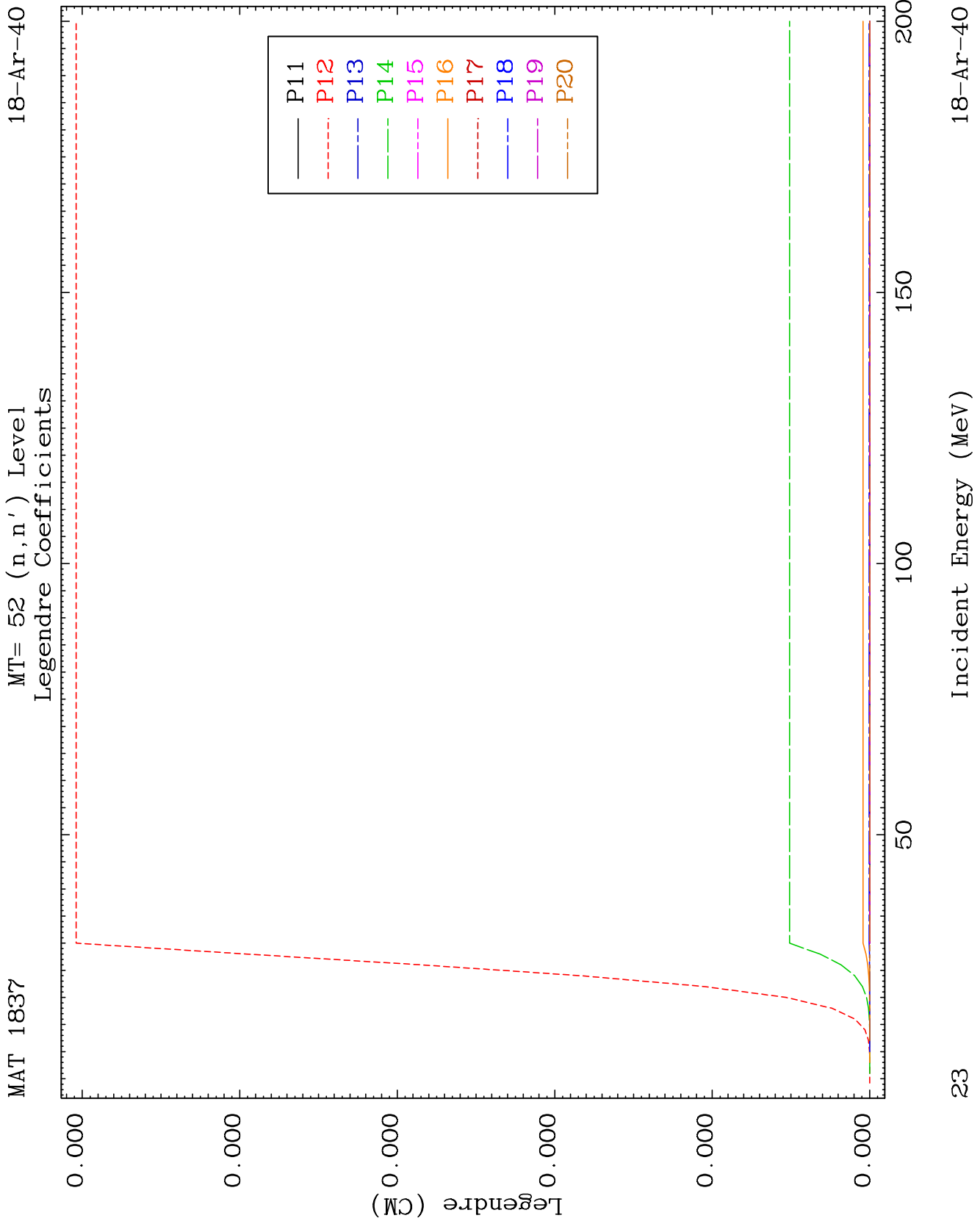


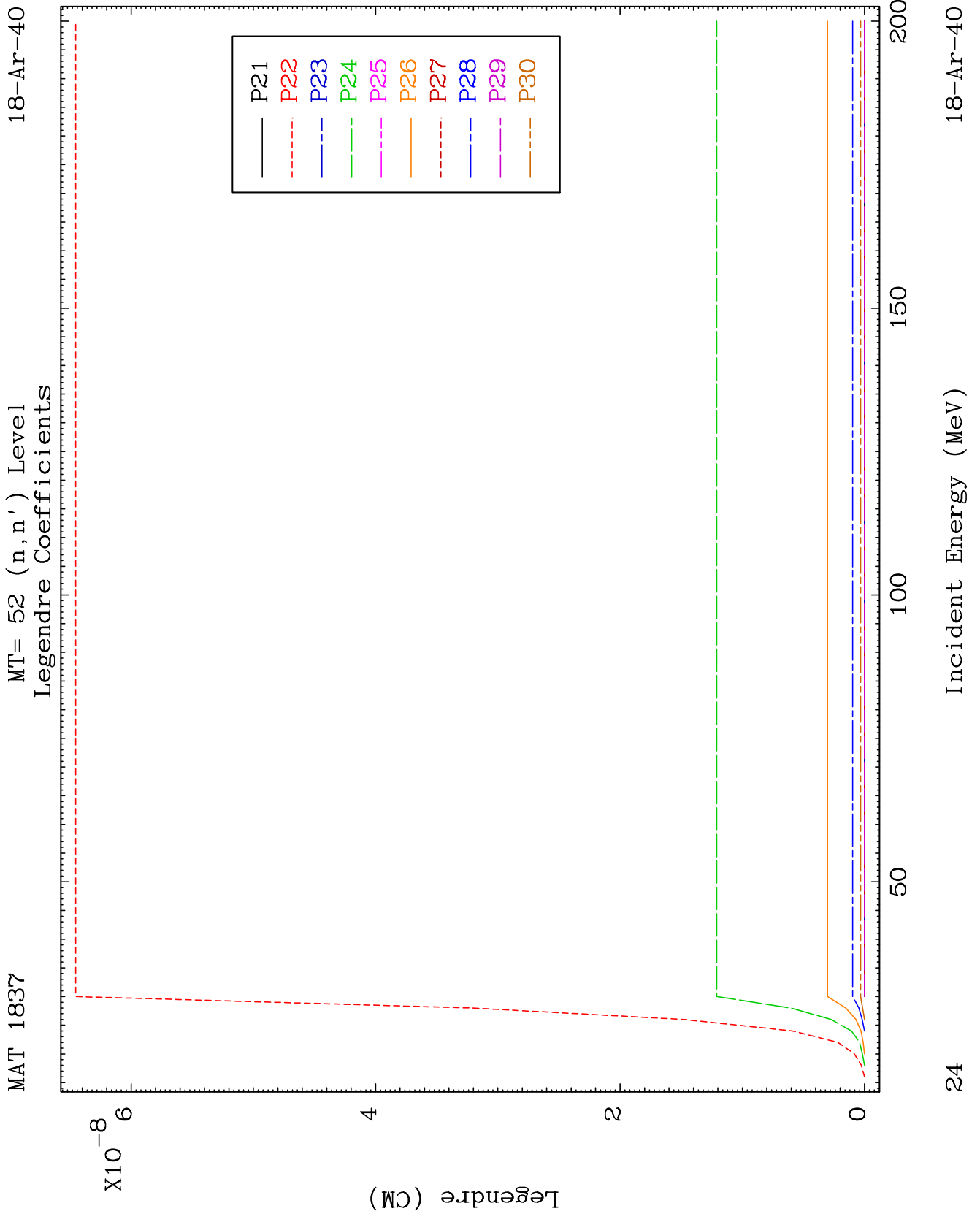
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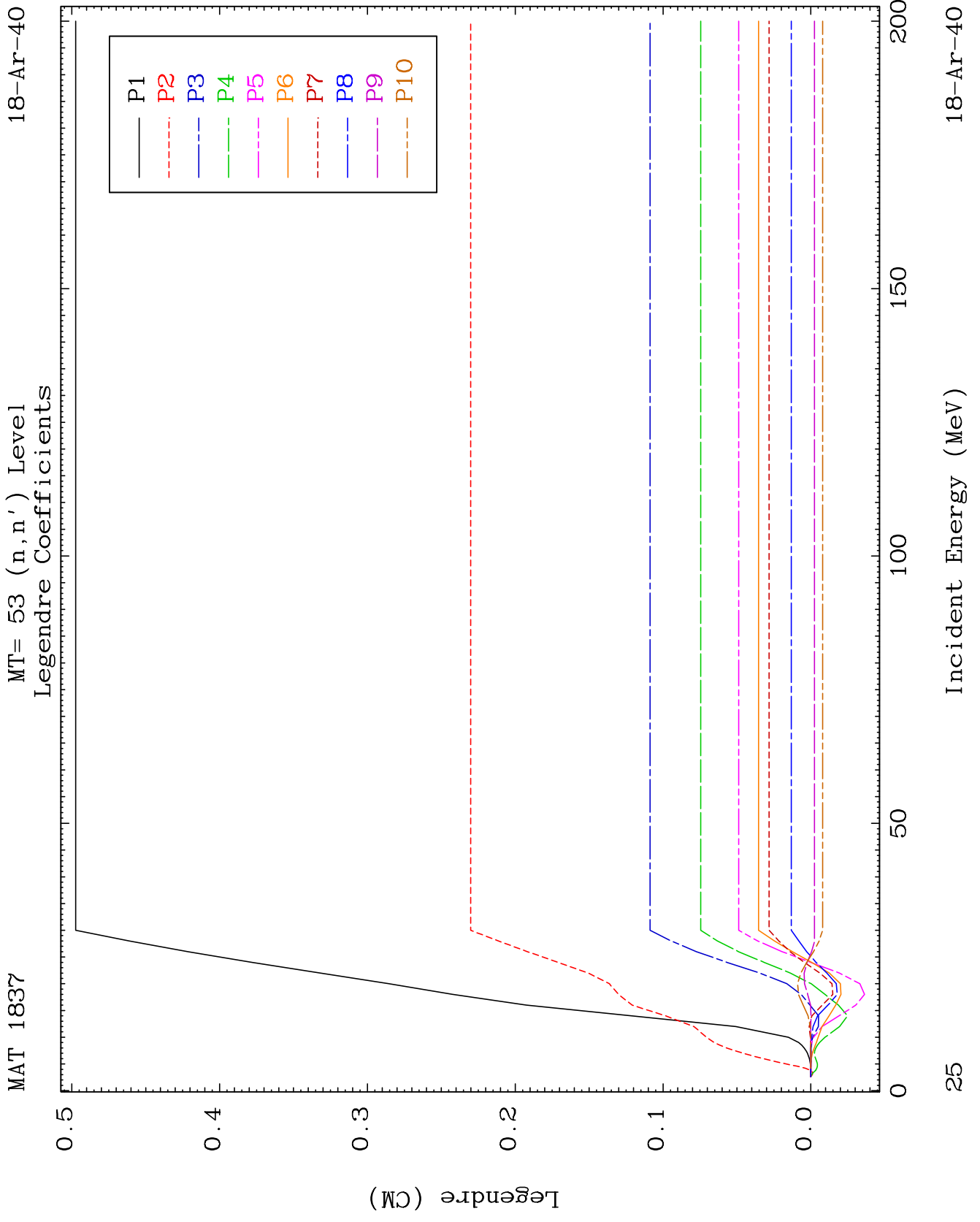
Incident Energy (MeV)

18-Ar-40





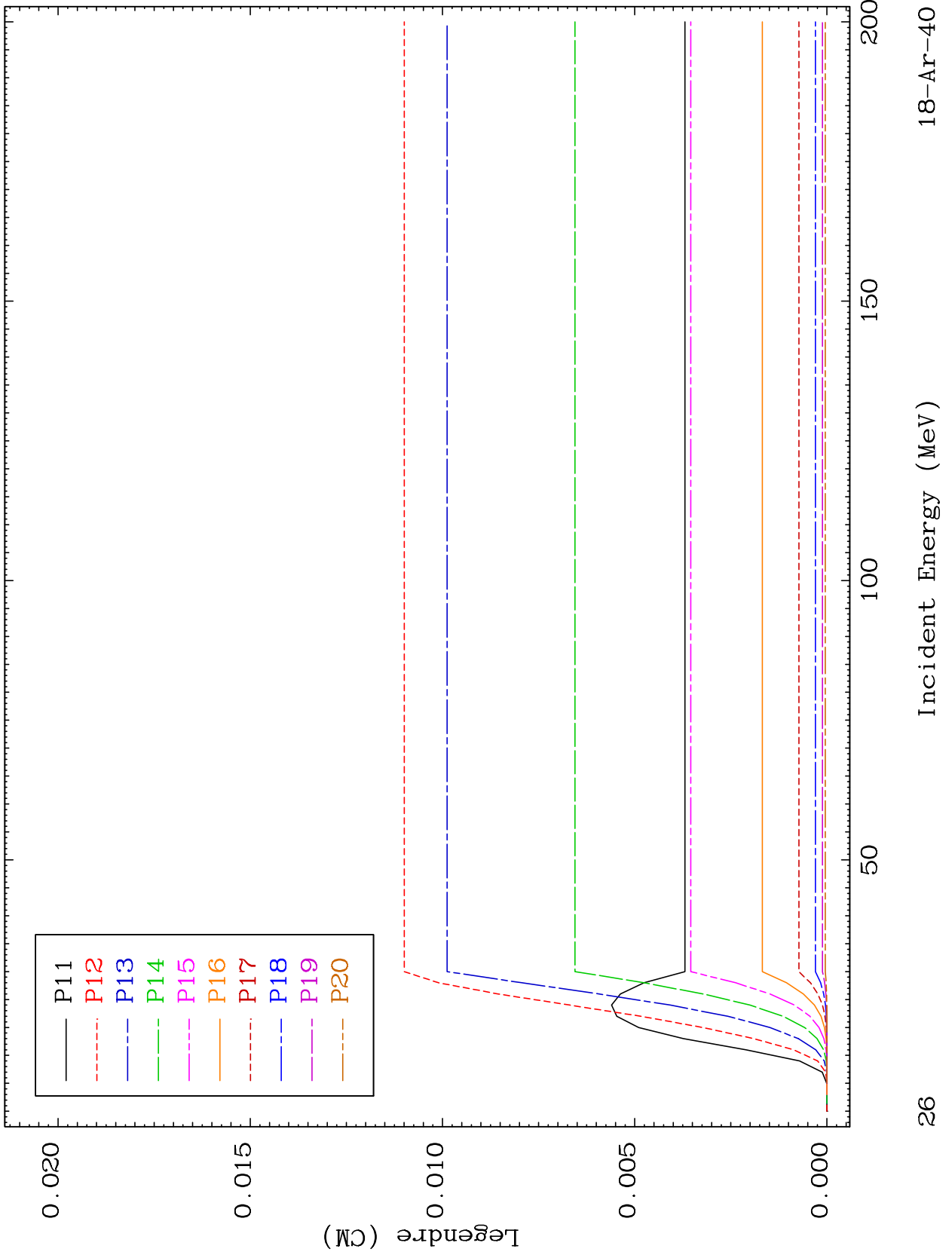




MAT 1837

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

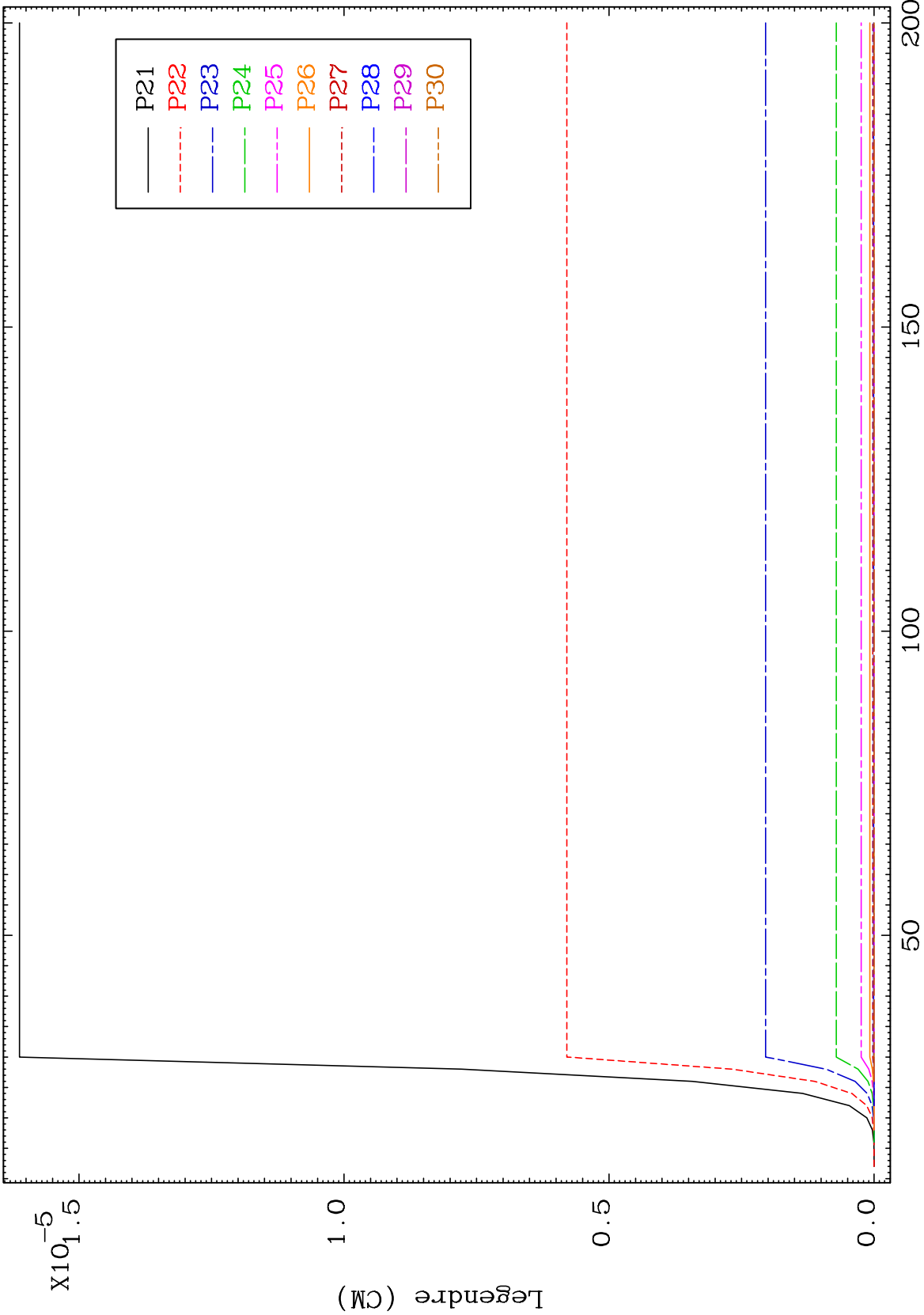
18-Ar-40



MAT 1837

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

18-Ar-40



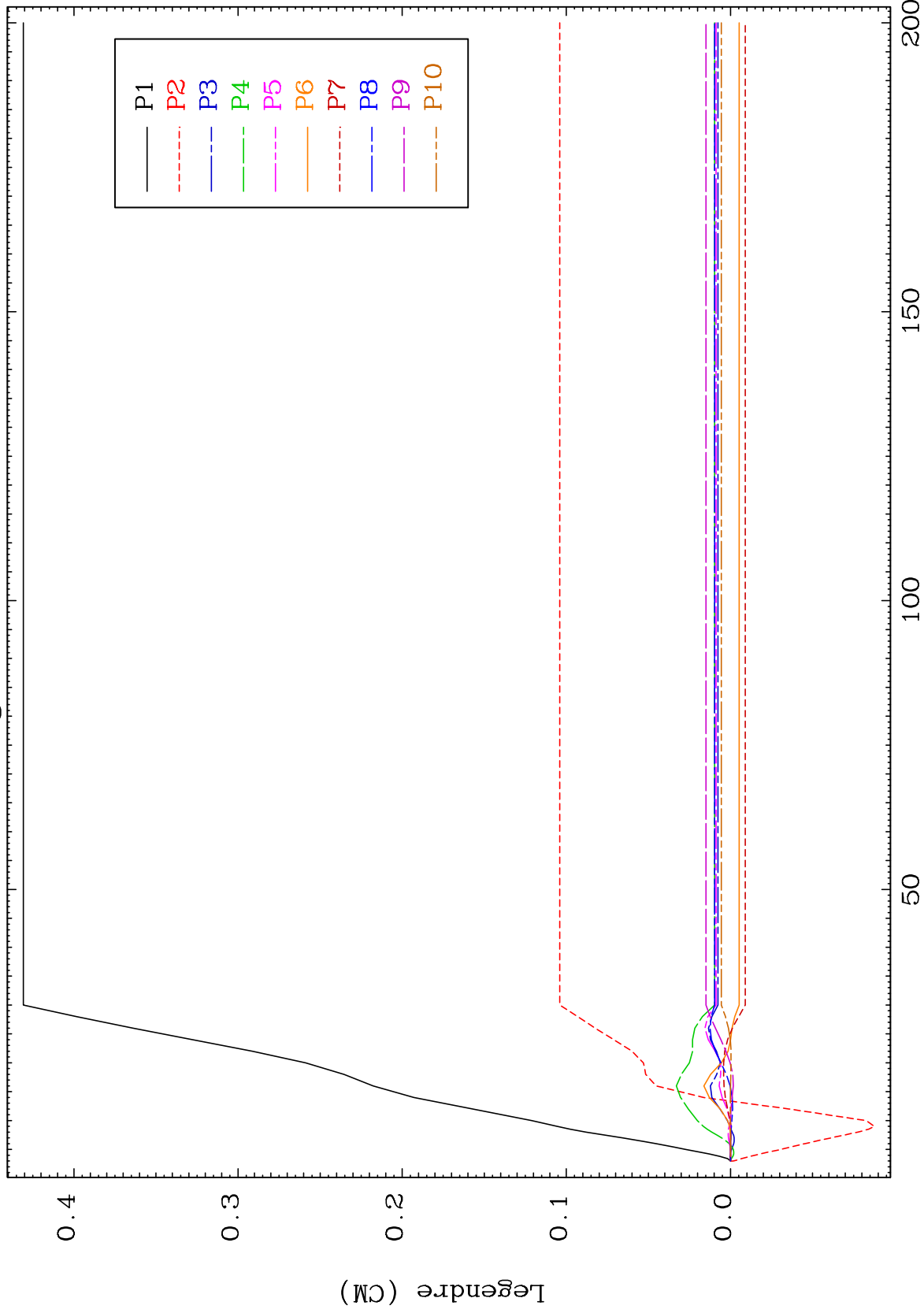
27

18-Ar-40

MAT 1837

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

18-Ar-40



28

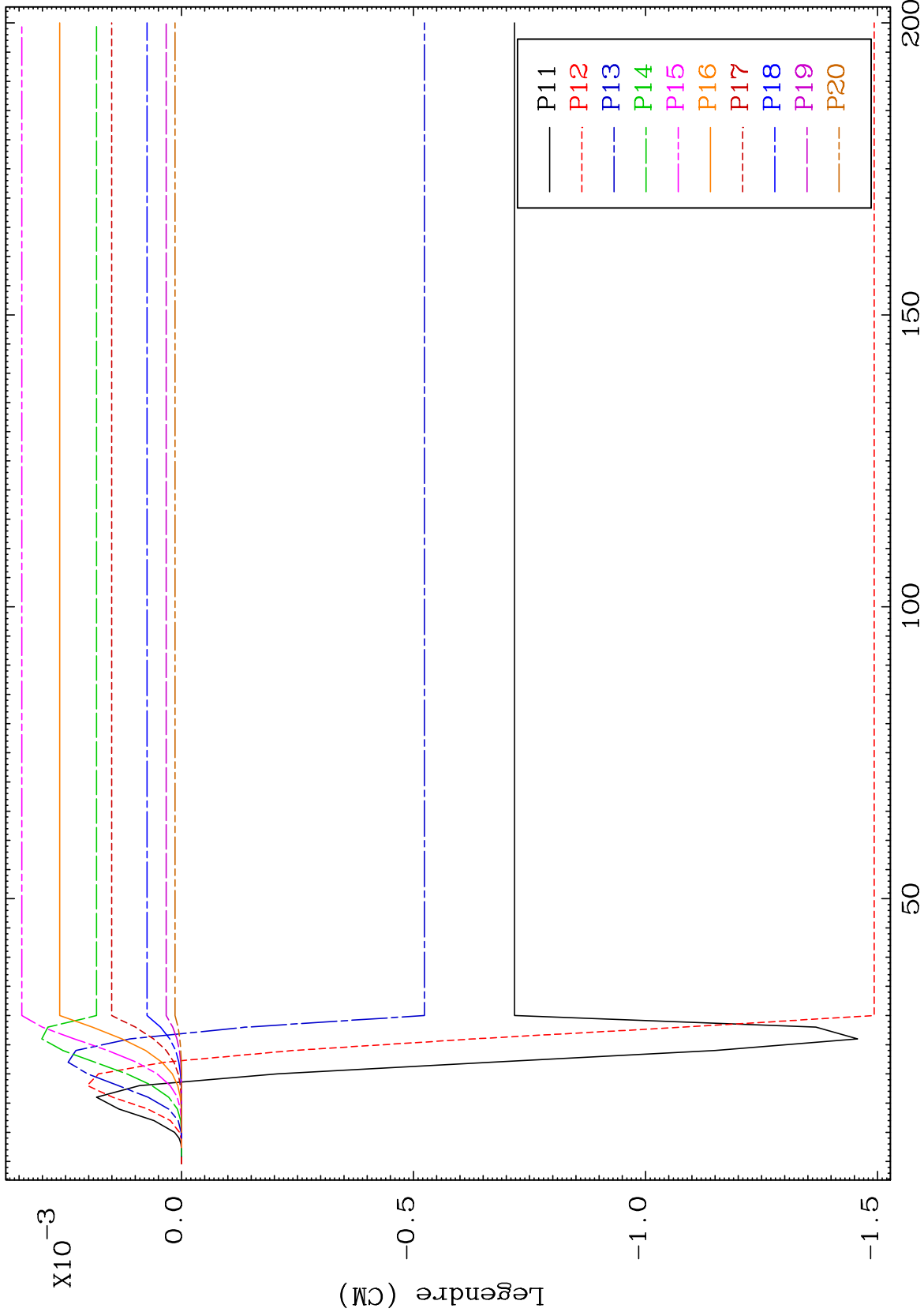
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



29

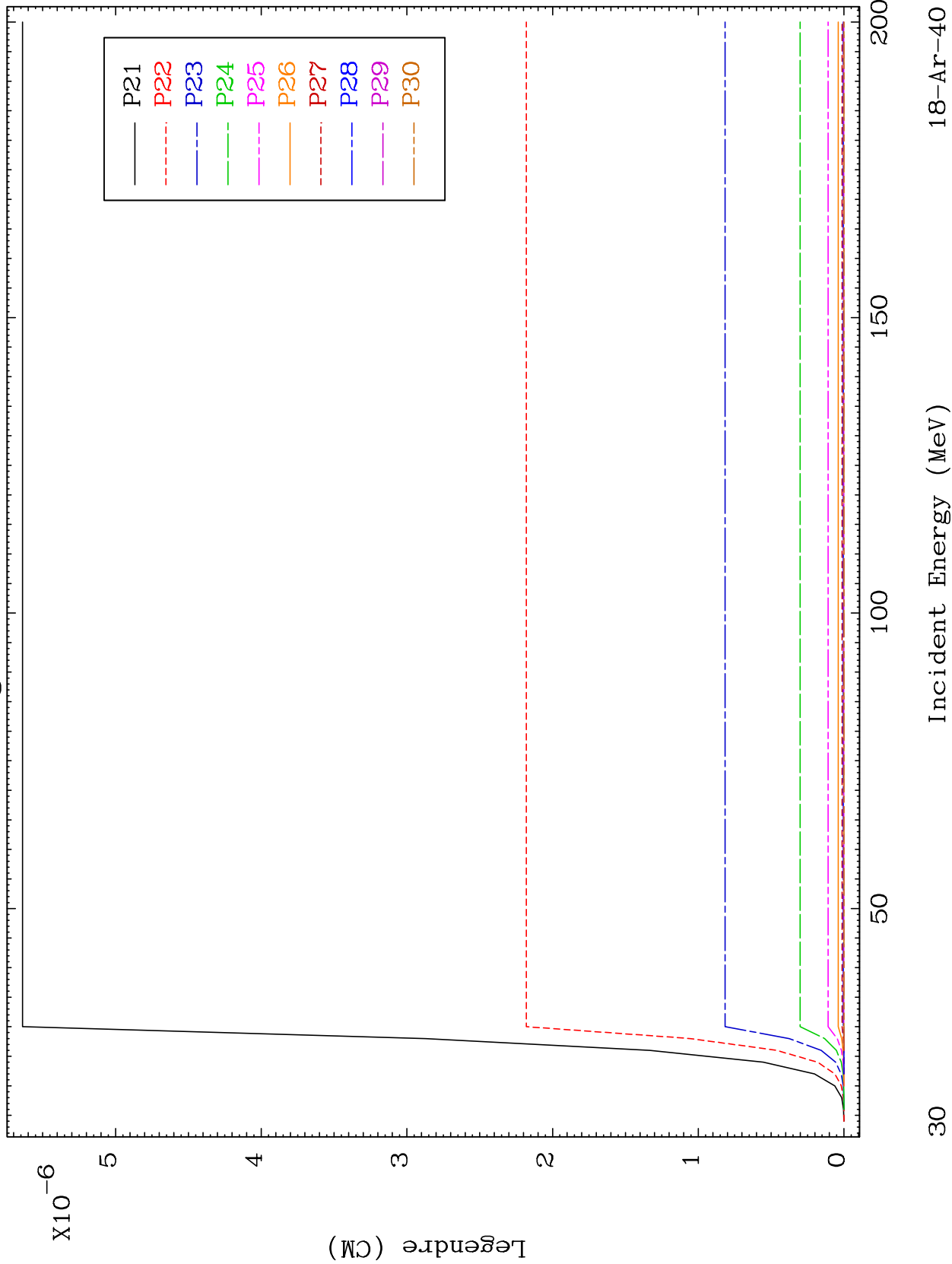
Incident Energy (MeV)

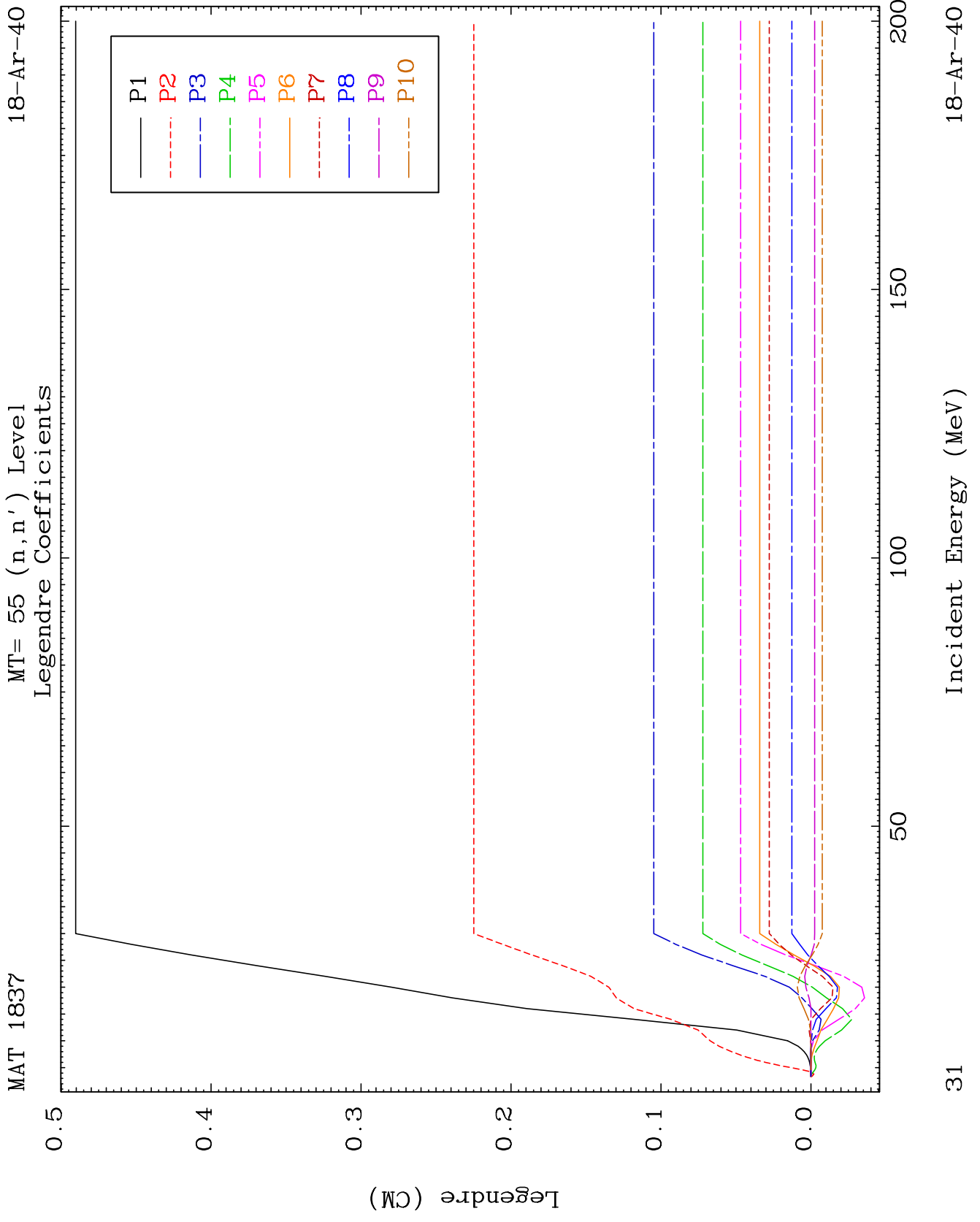
18-Ar-40

MAT 1837

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

18-Ar-40

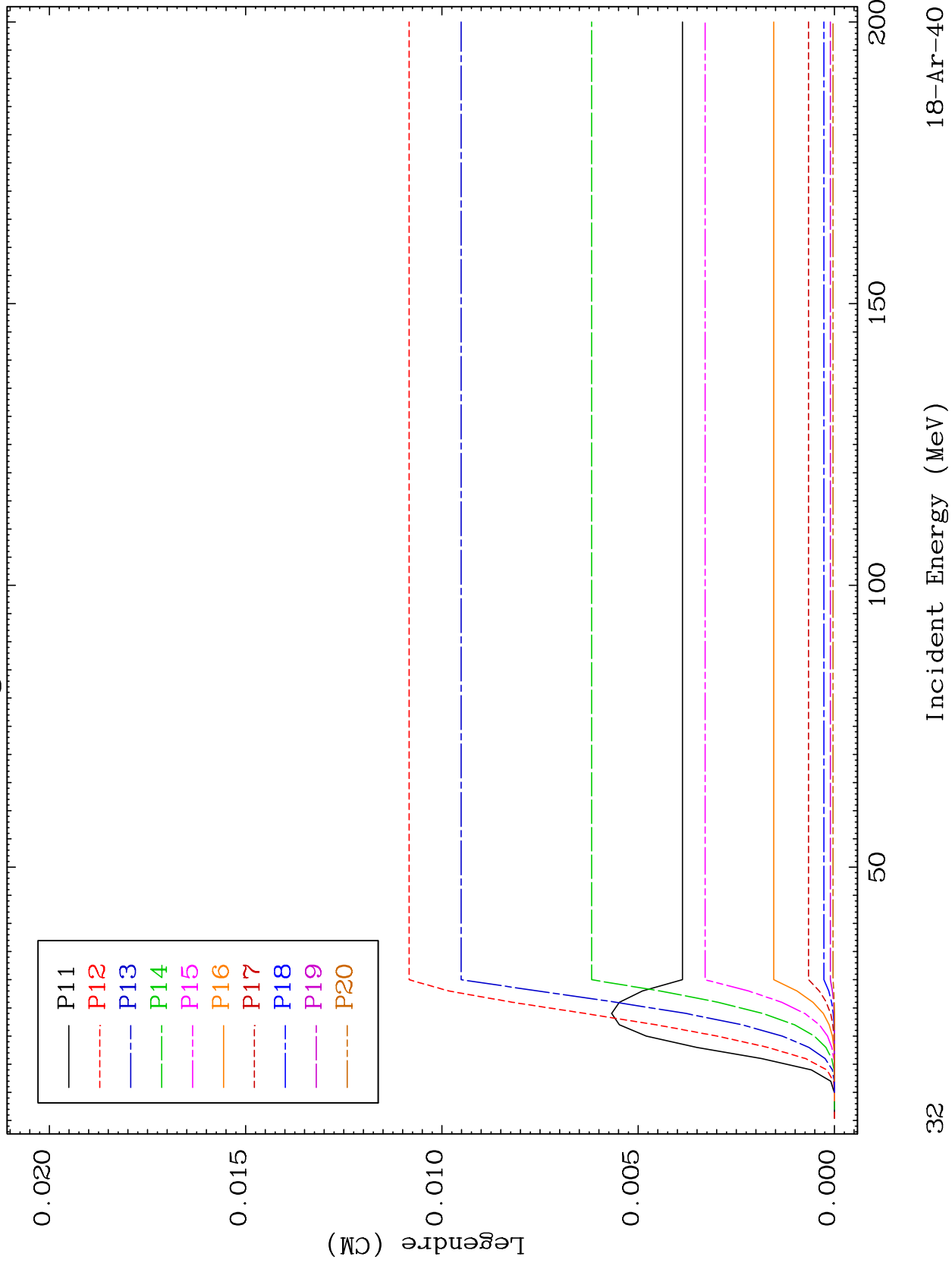




MAT 1837

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

18-Ar-40



32

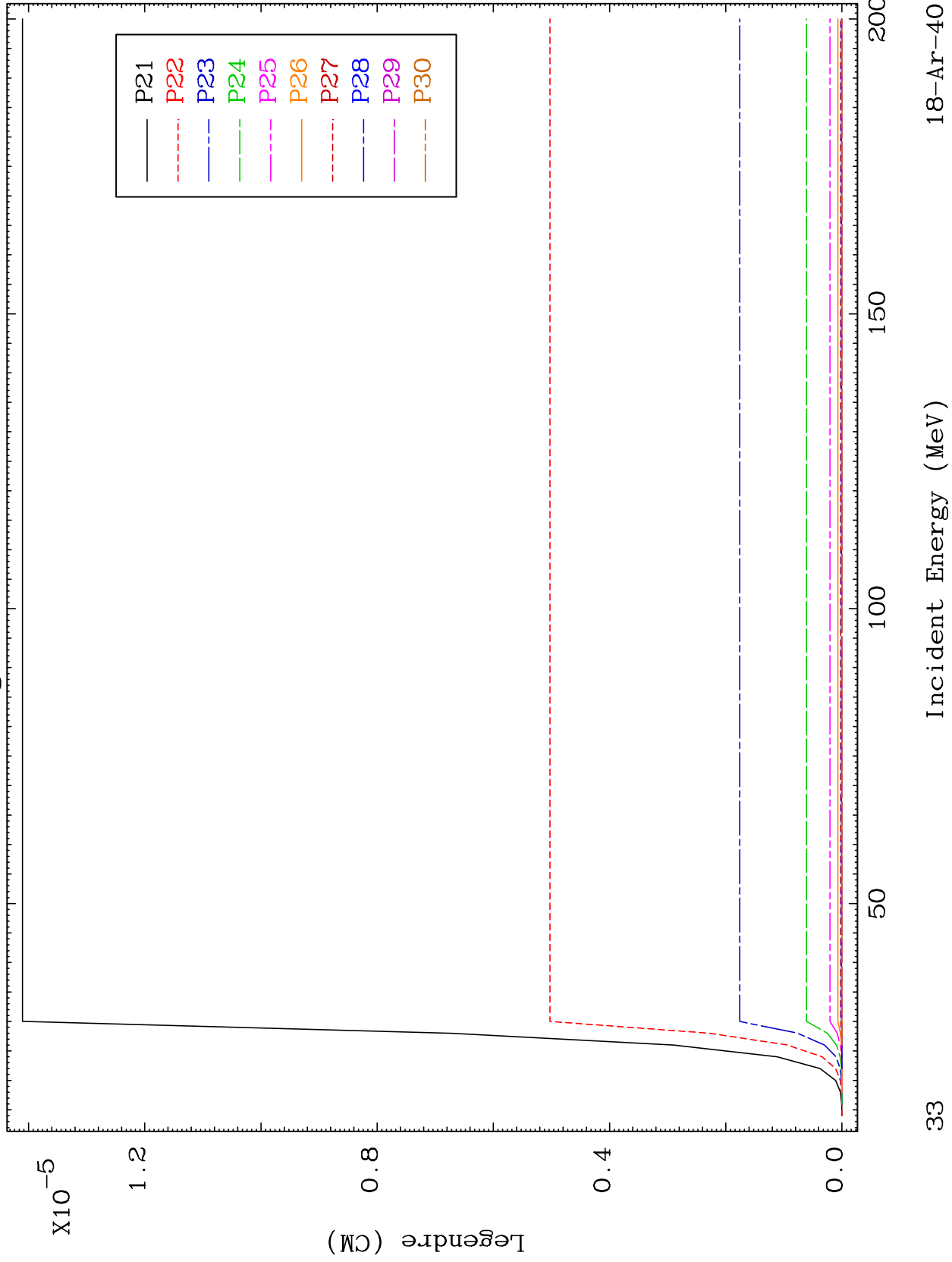
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

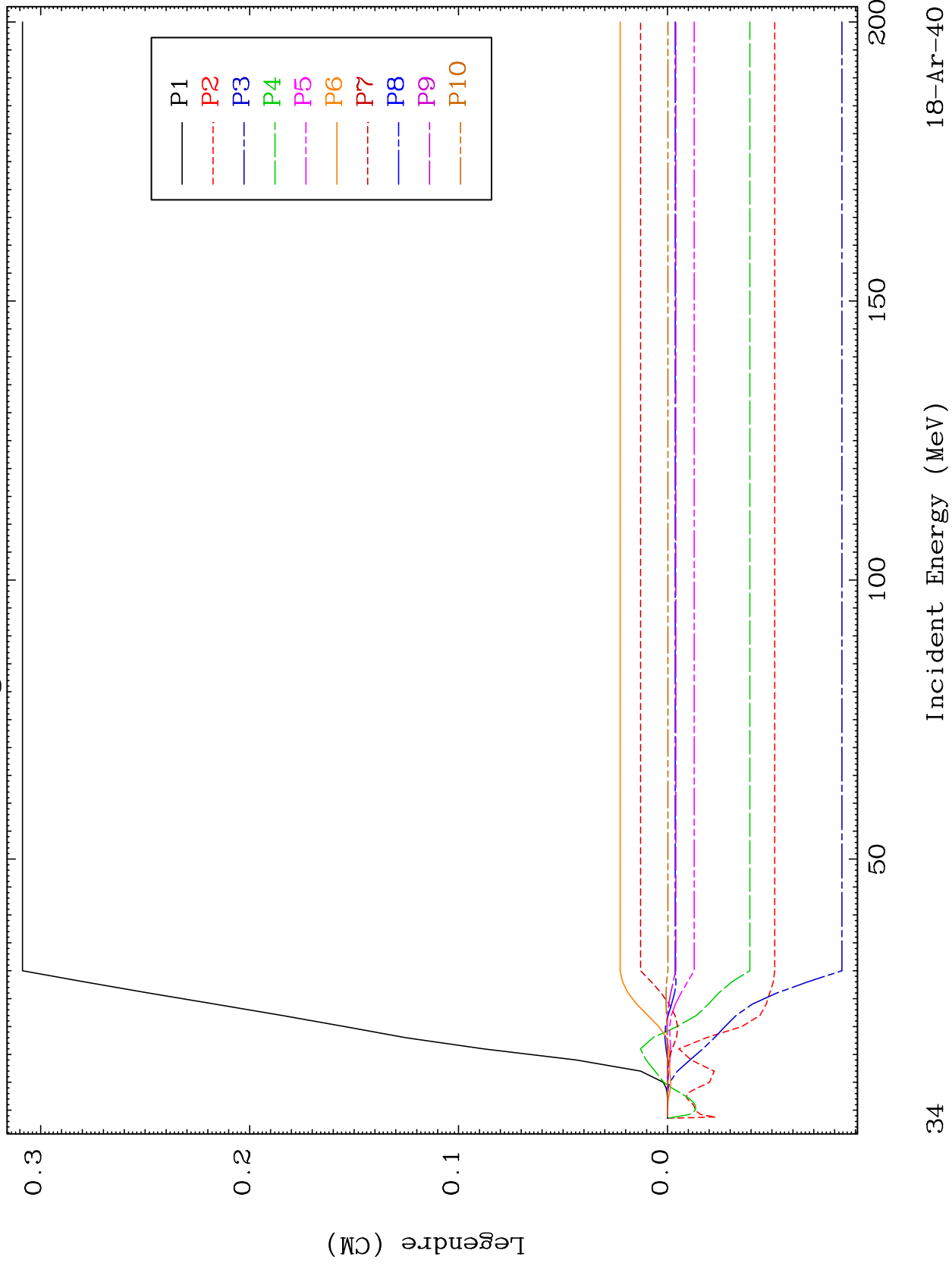
18-Ar-40



MAT 1837

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

18-Ar-40



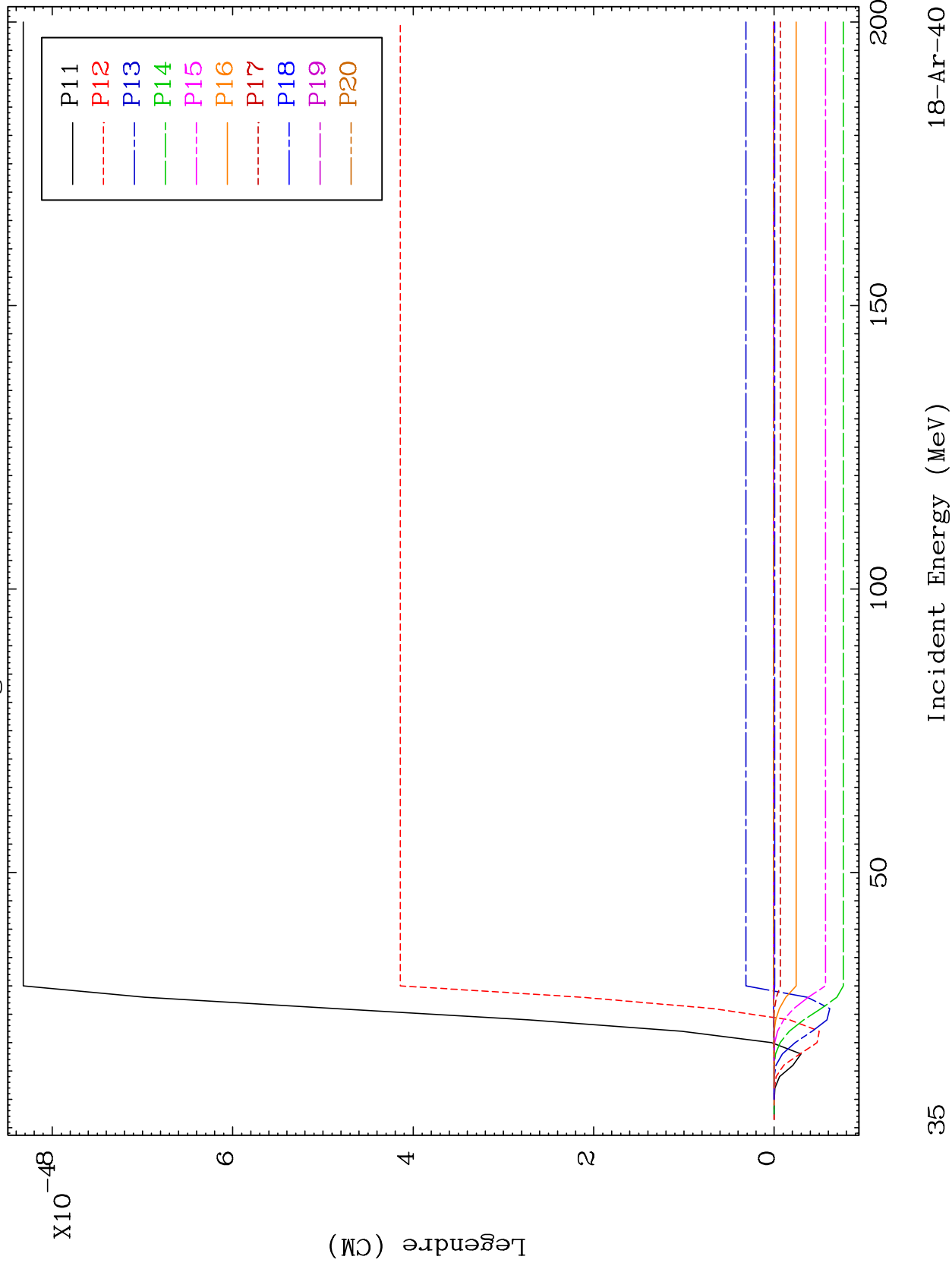
34

18-Ar-40

MAT 1837

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

18-Ar-40



35

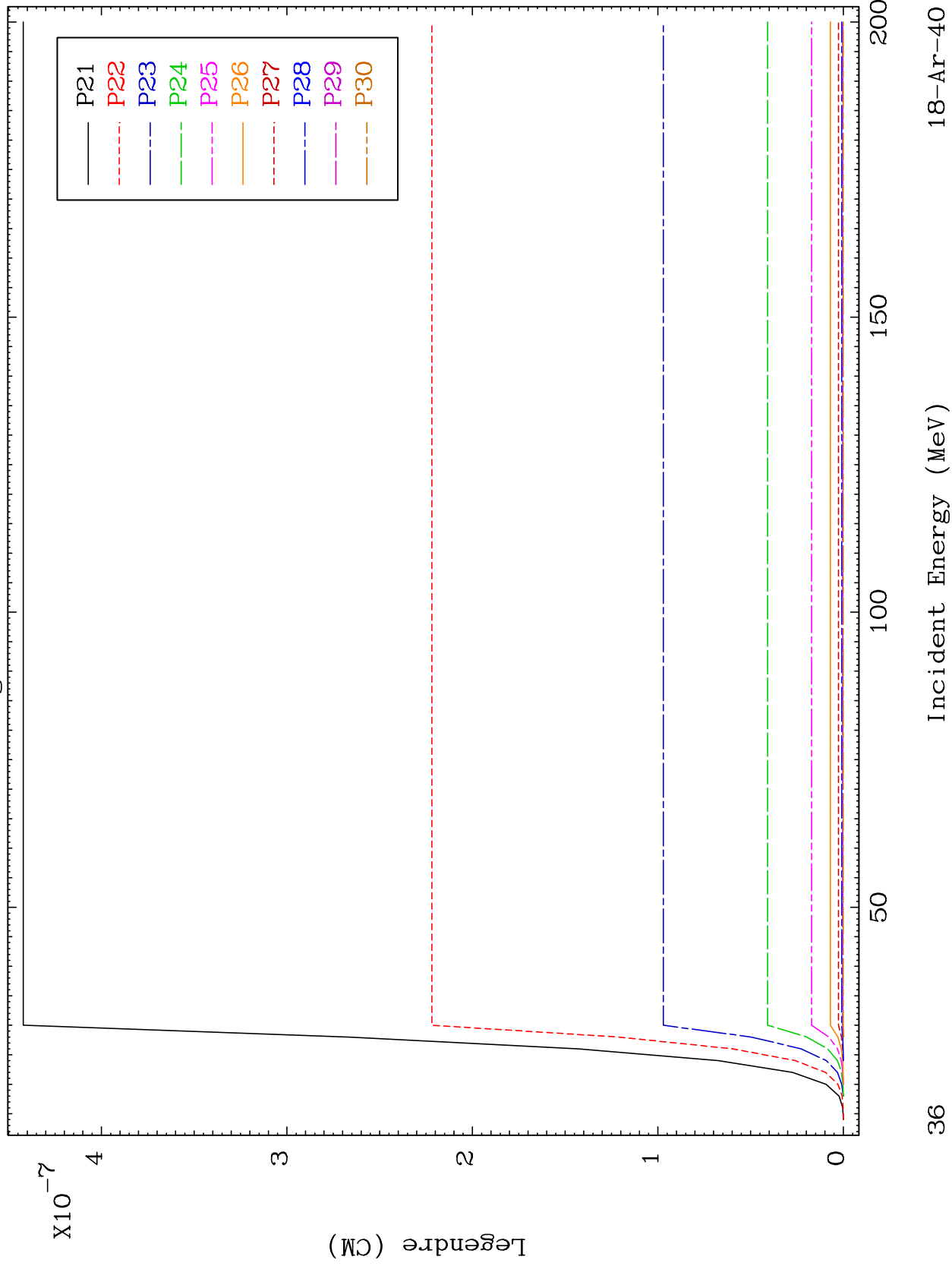
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40

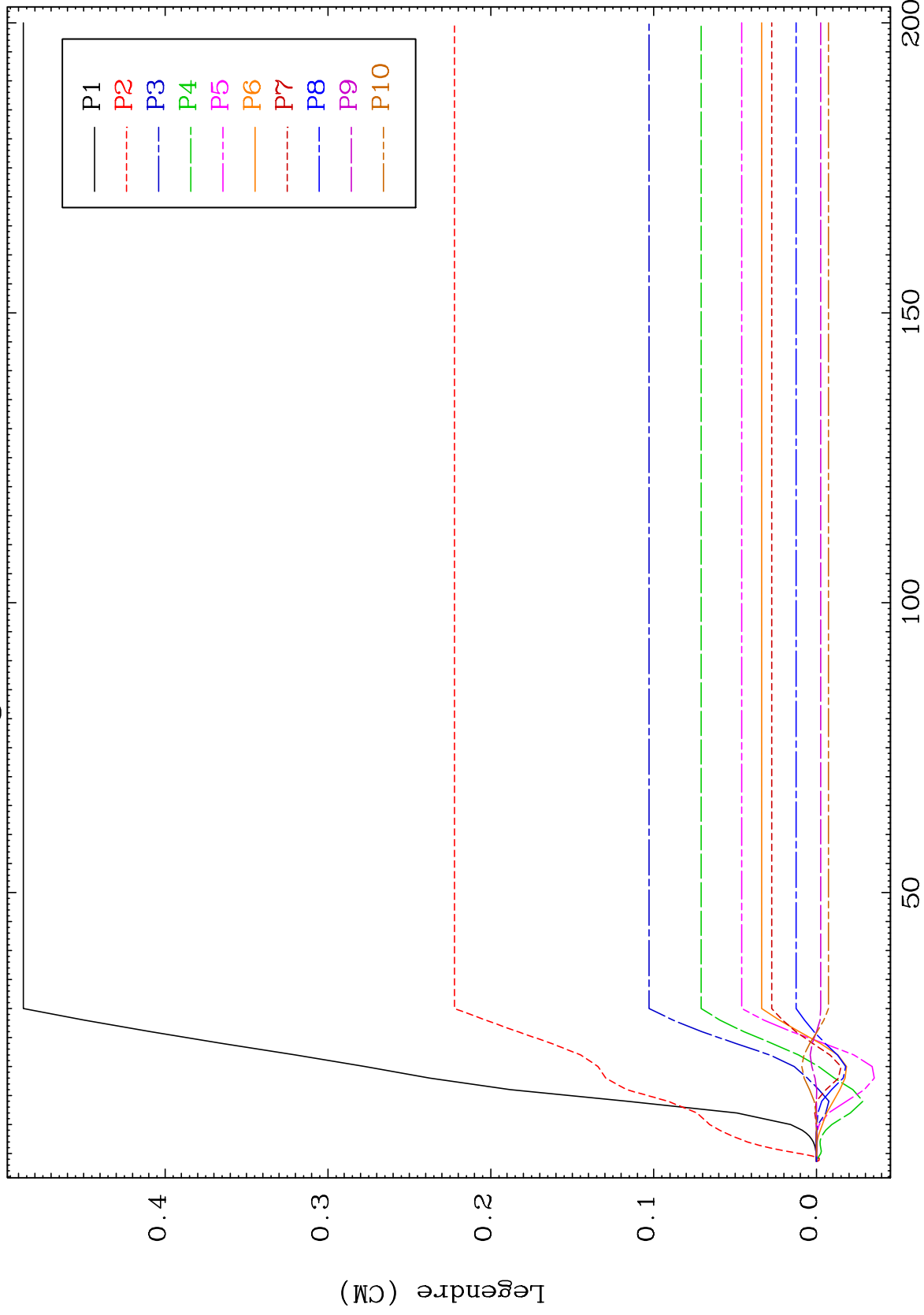


36

MAT 1837

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

18-Ar-40



37

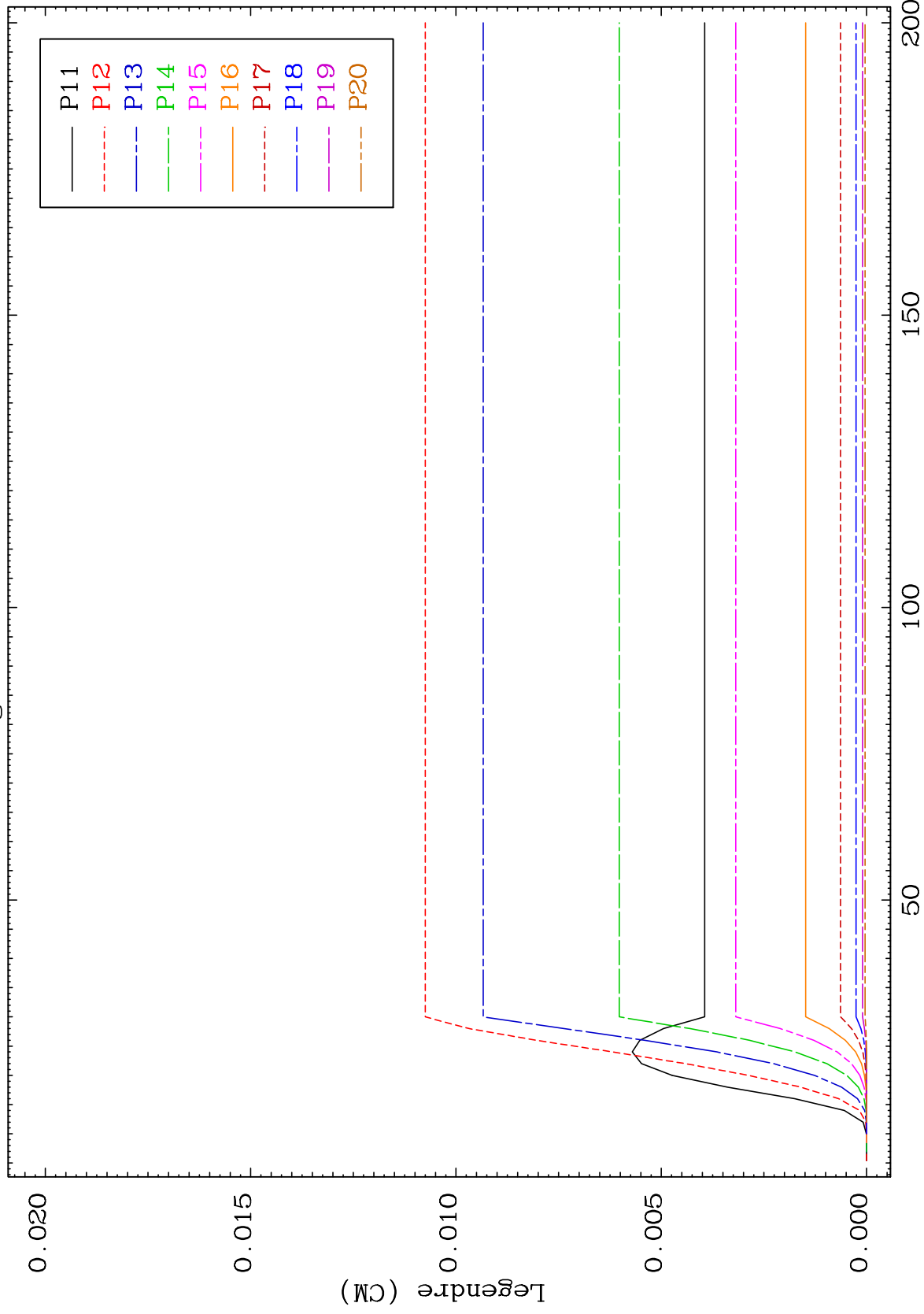
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



38

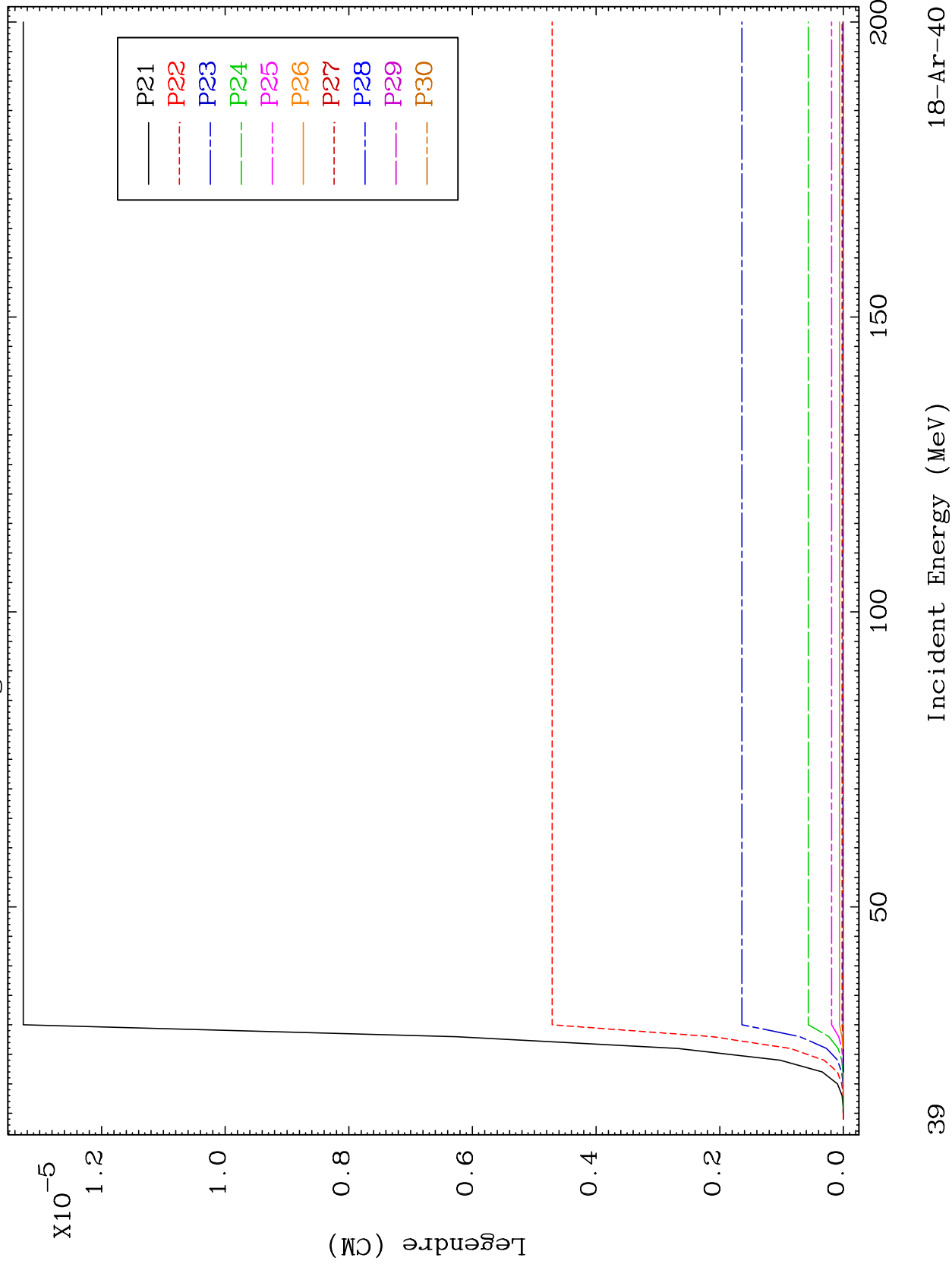
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



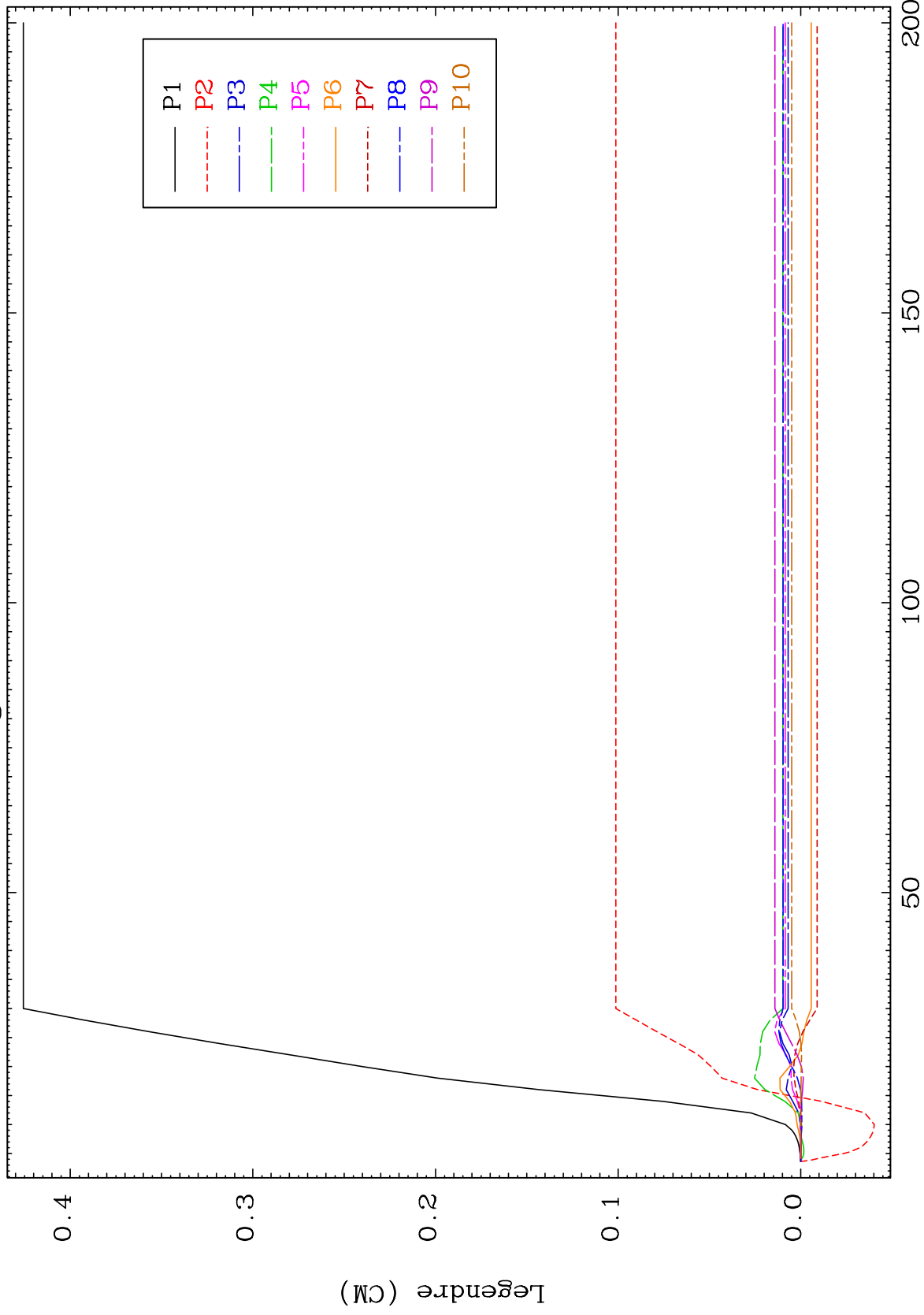
39

18-Ar-40

MAT 1837

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

18-Ar-40



40

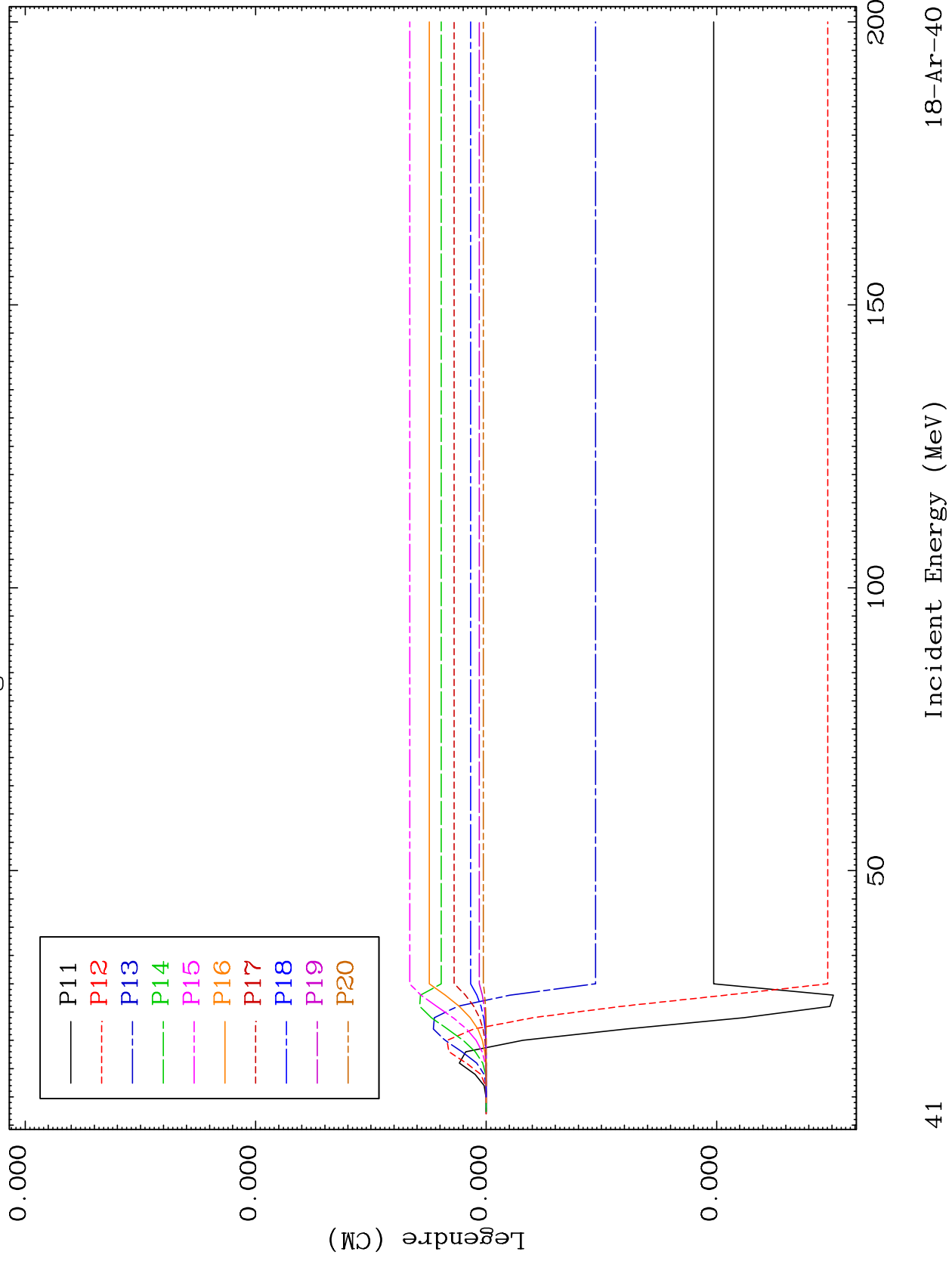
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

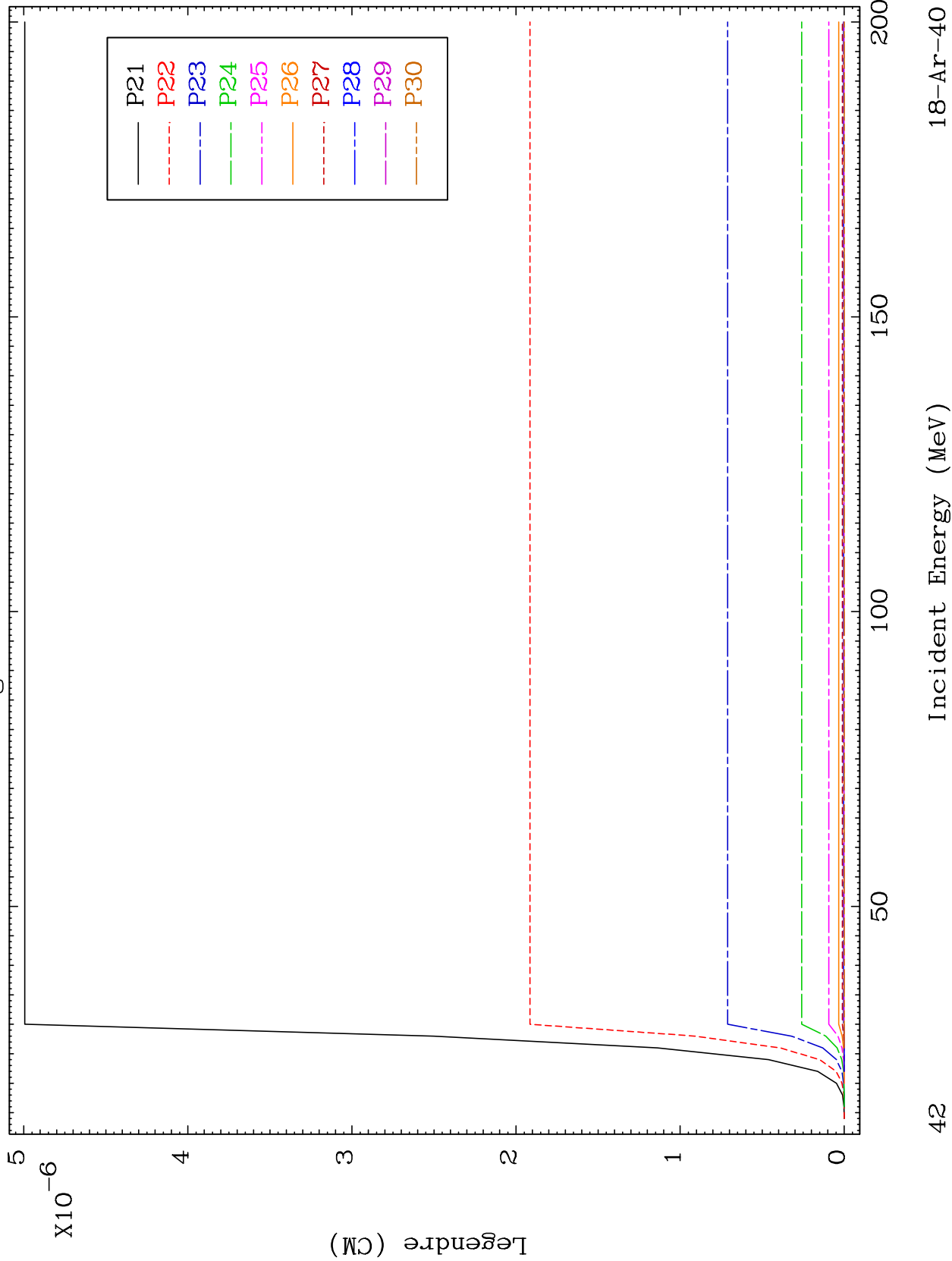
18-Ar-40



MAT 1837

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

18-Ar-40



42

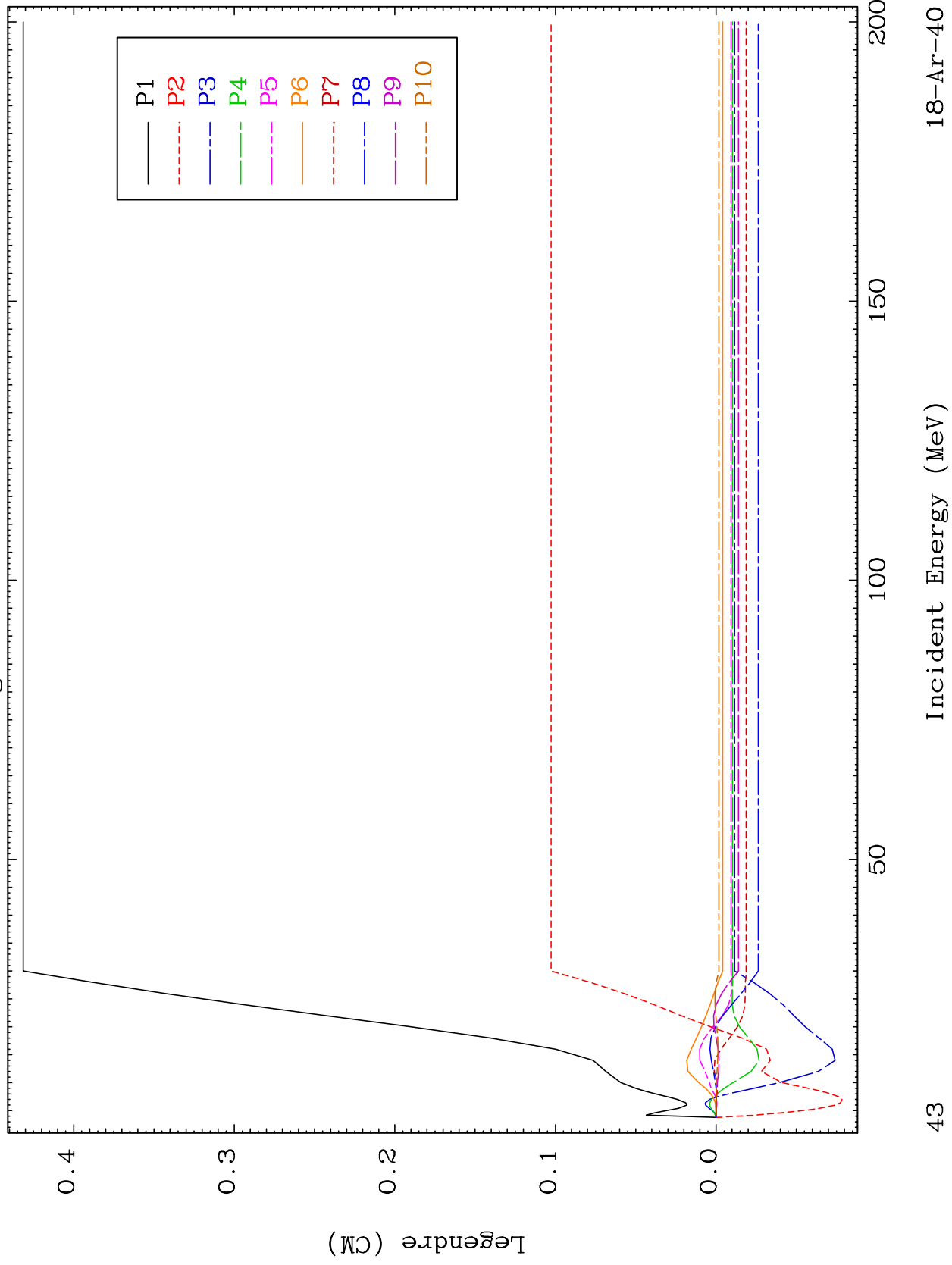
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



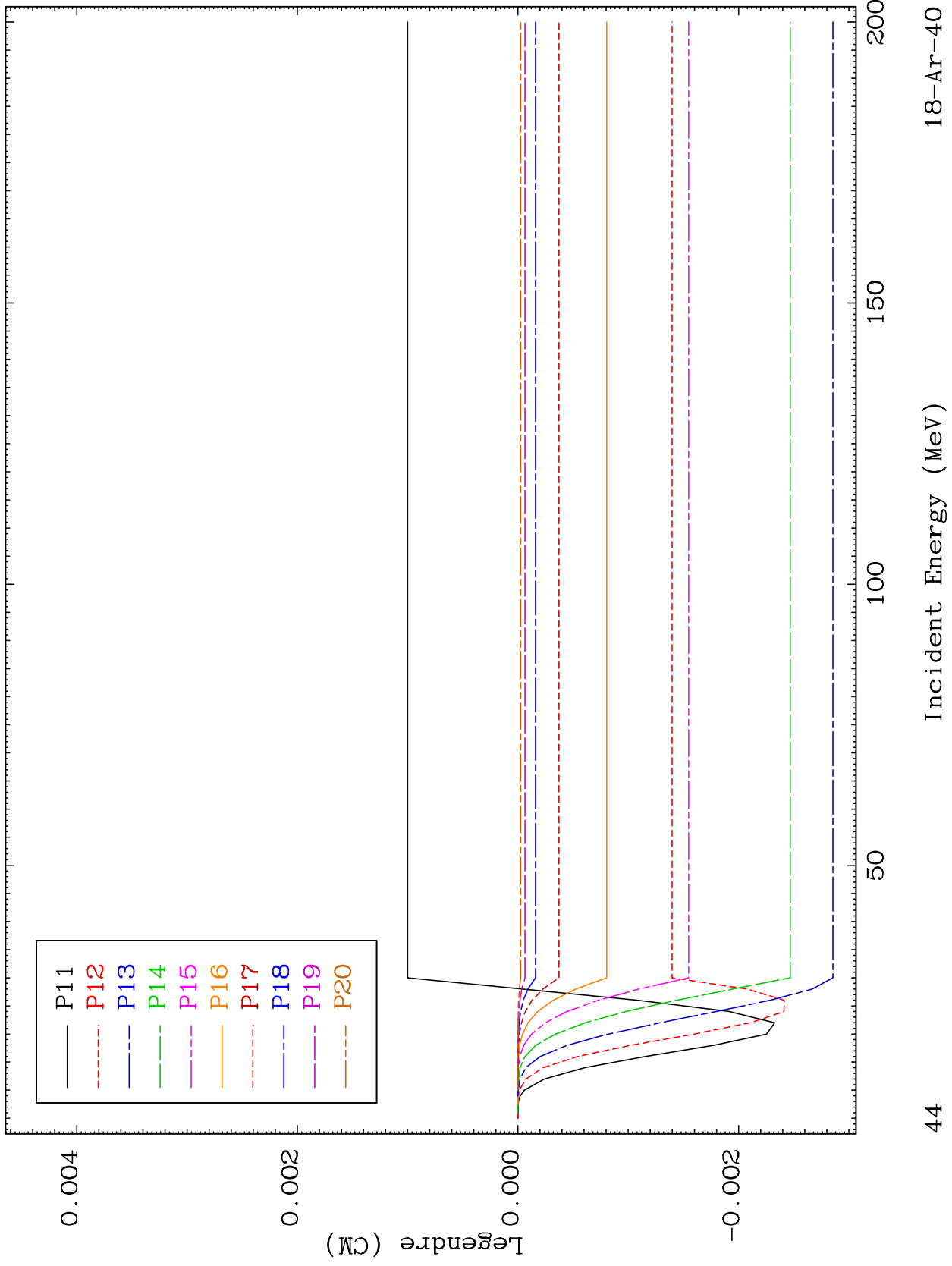
43

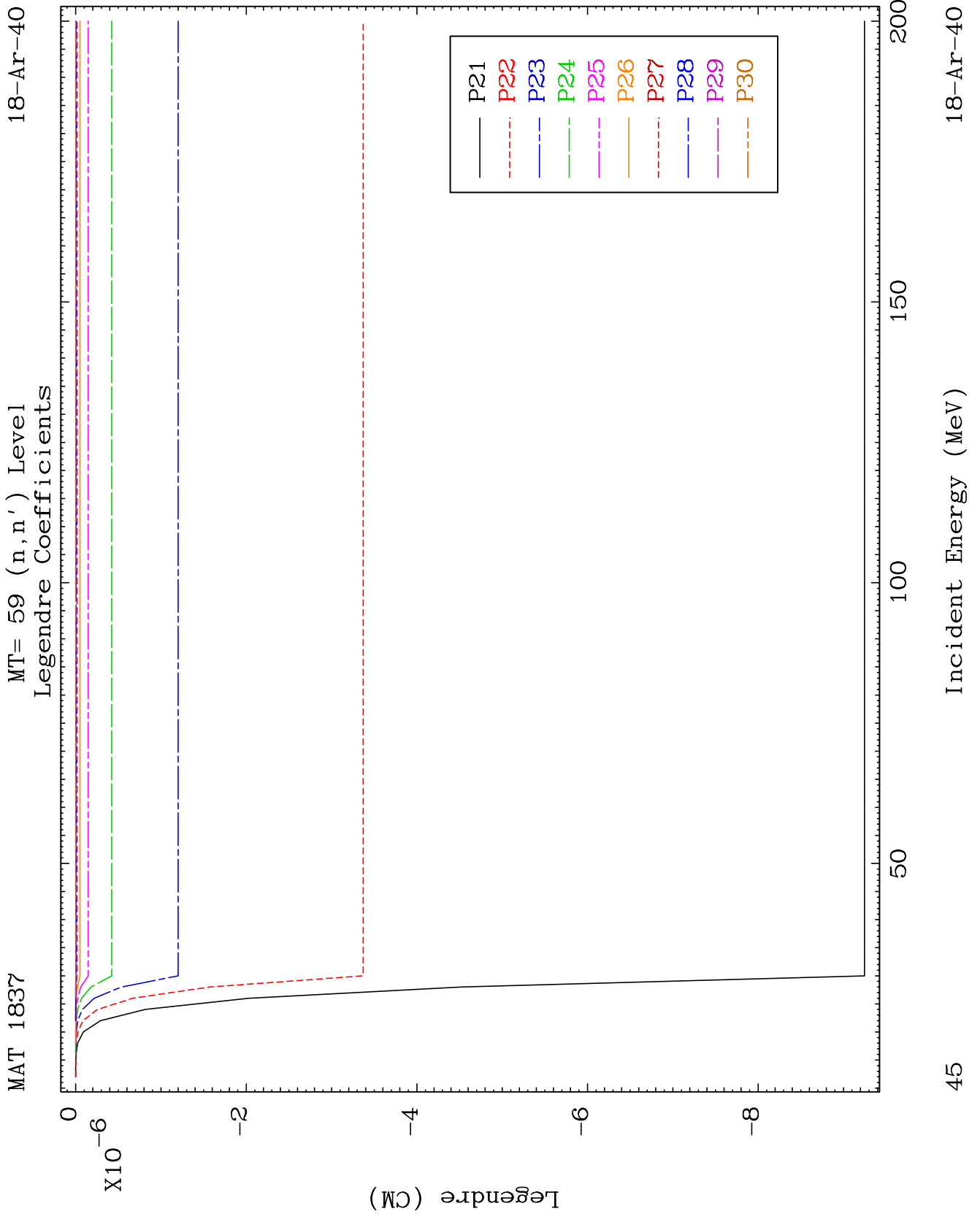
18-Ar-40

MAT 1837

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

18-Ar-40

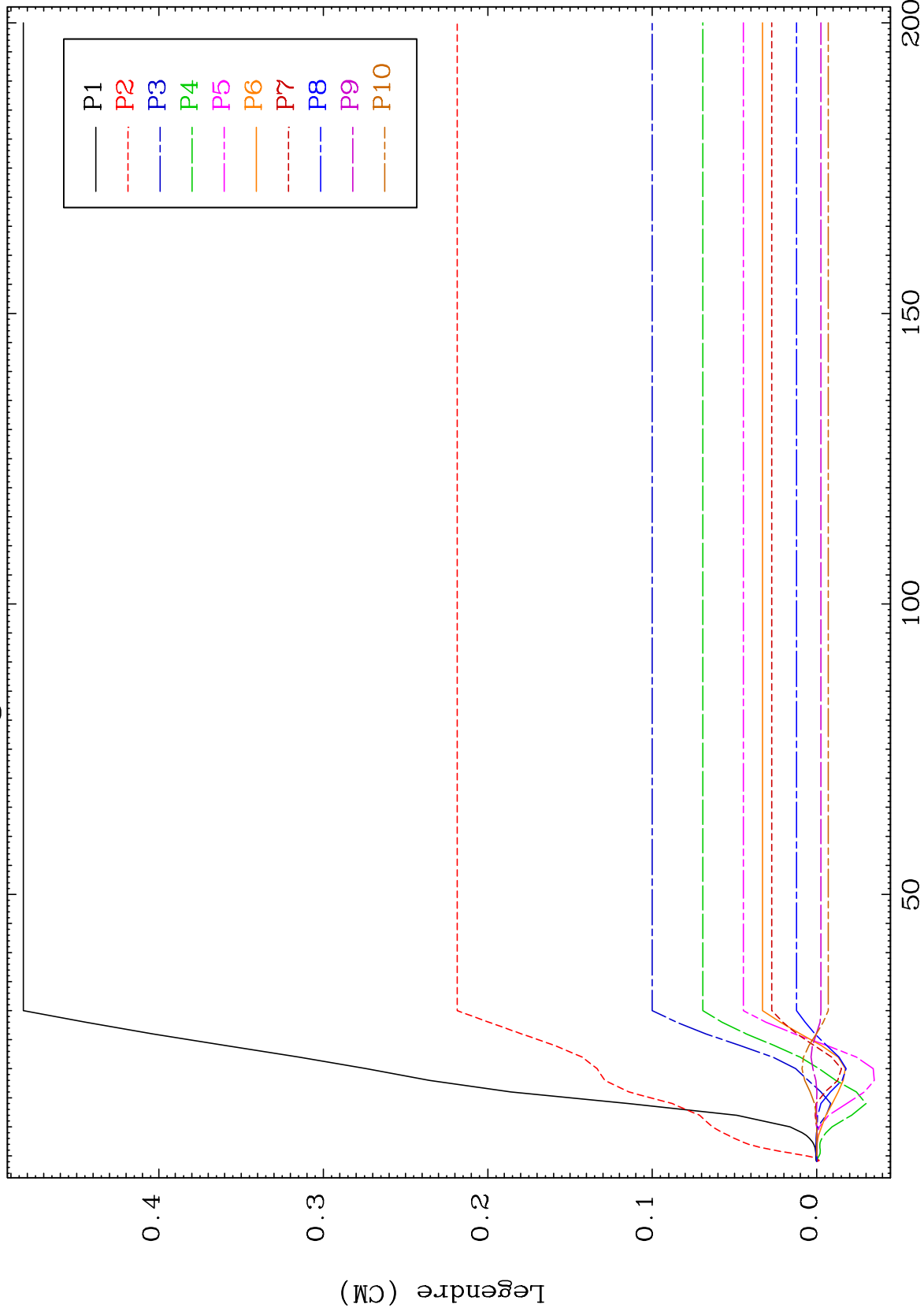




MAT 1837

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

18-Ar-40



46

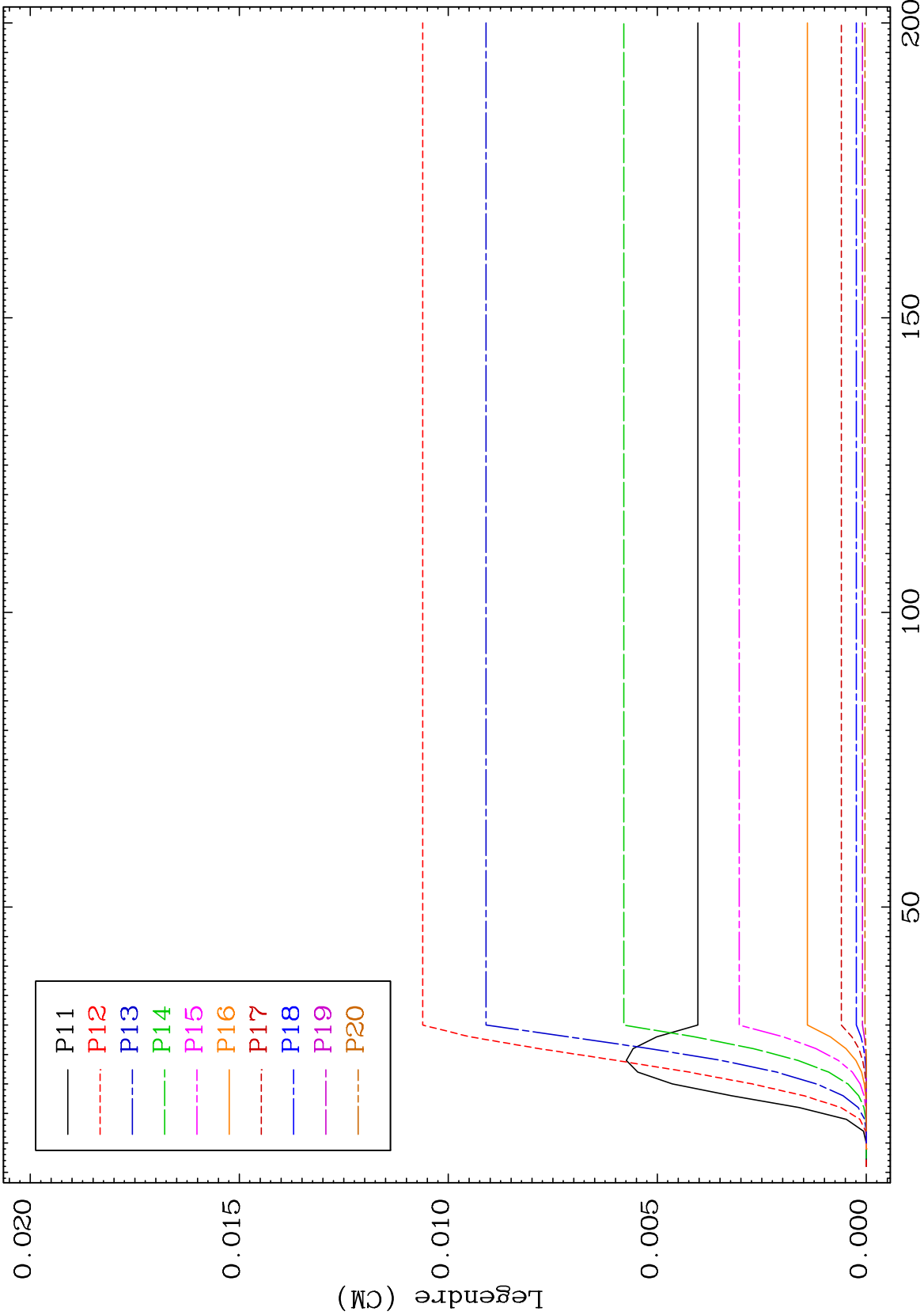
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



47

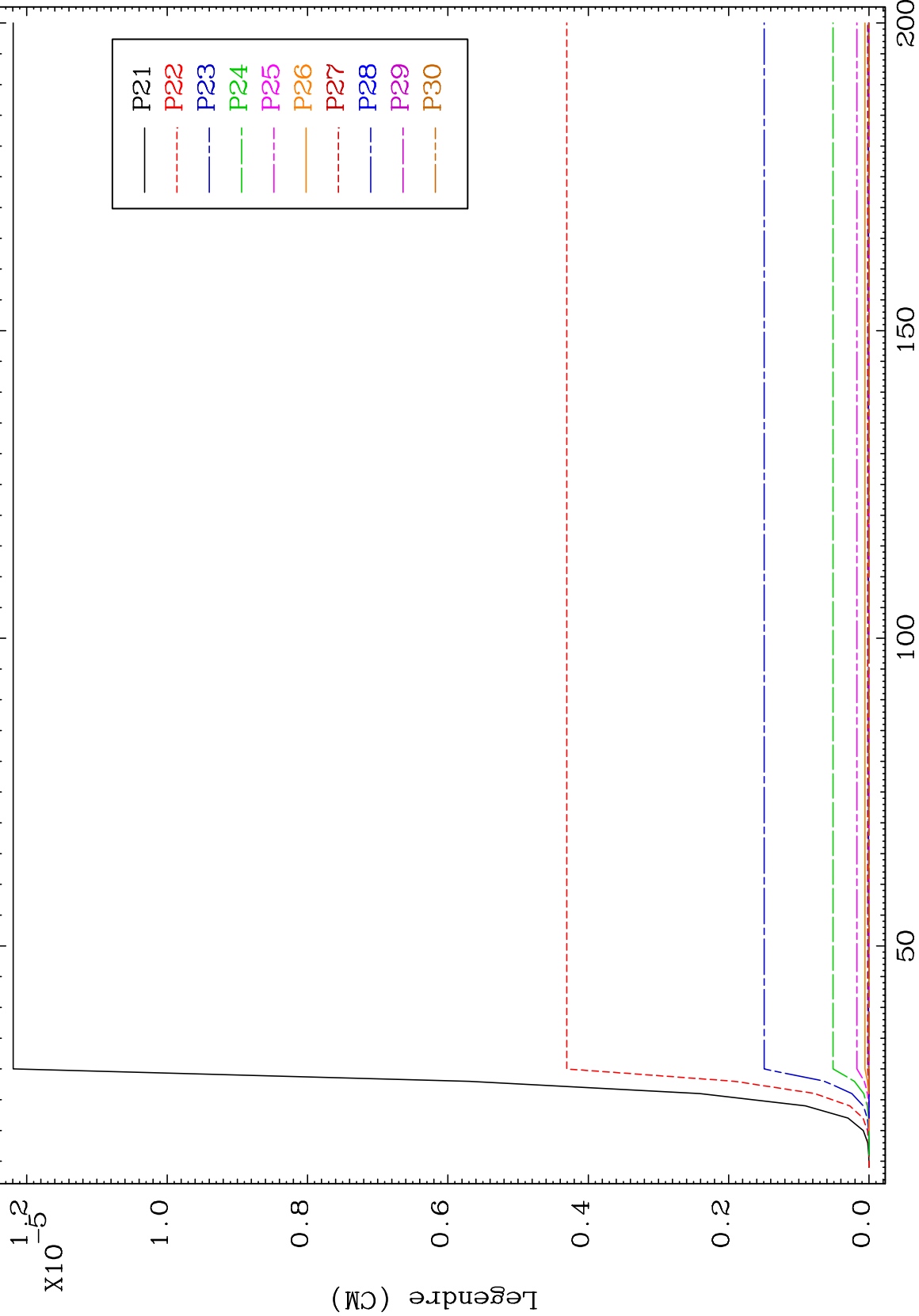
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



48

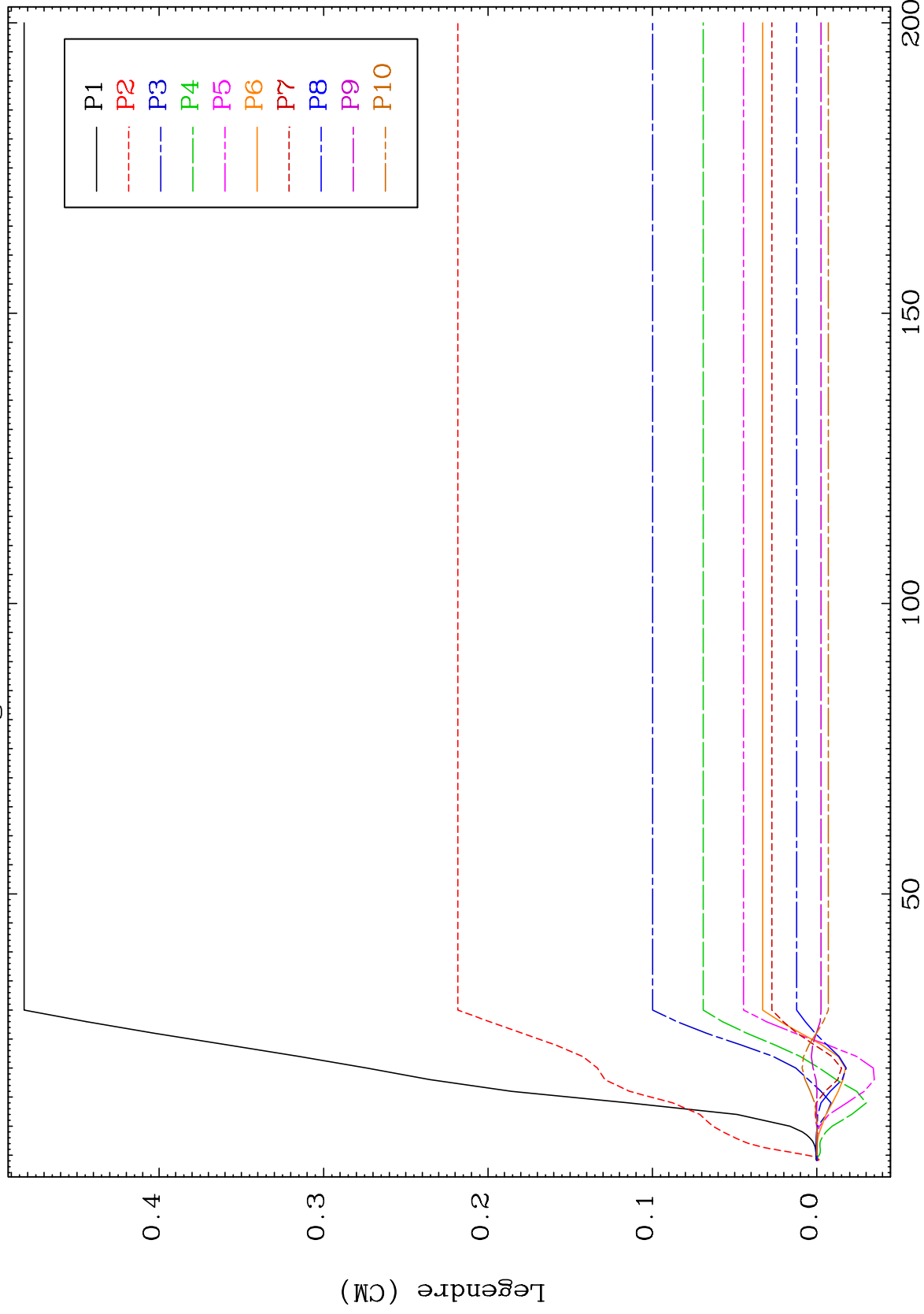
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



49

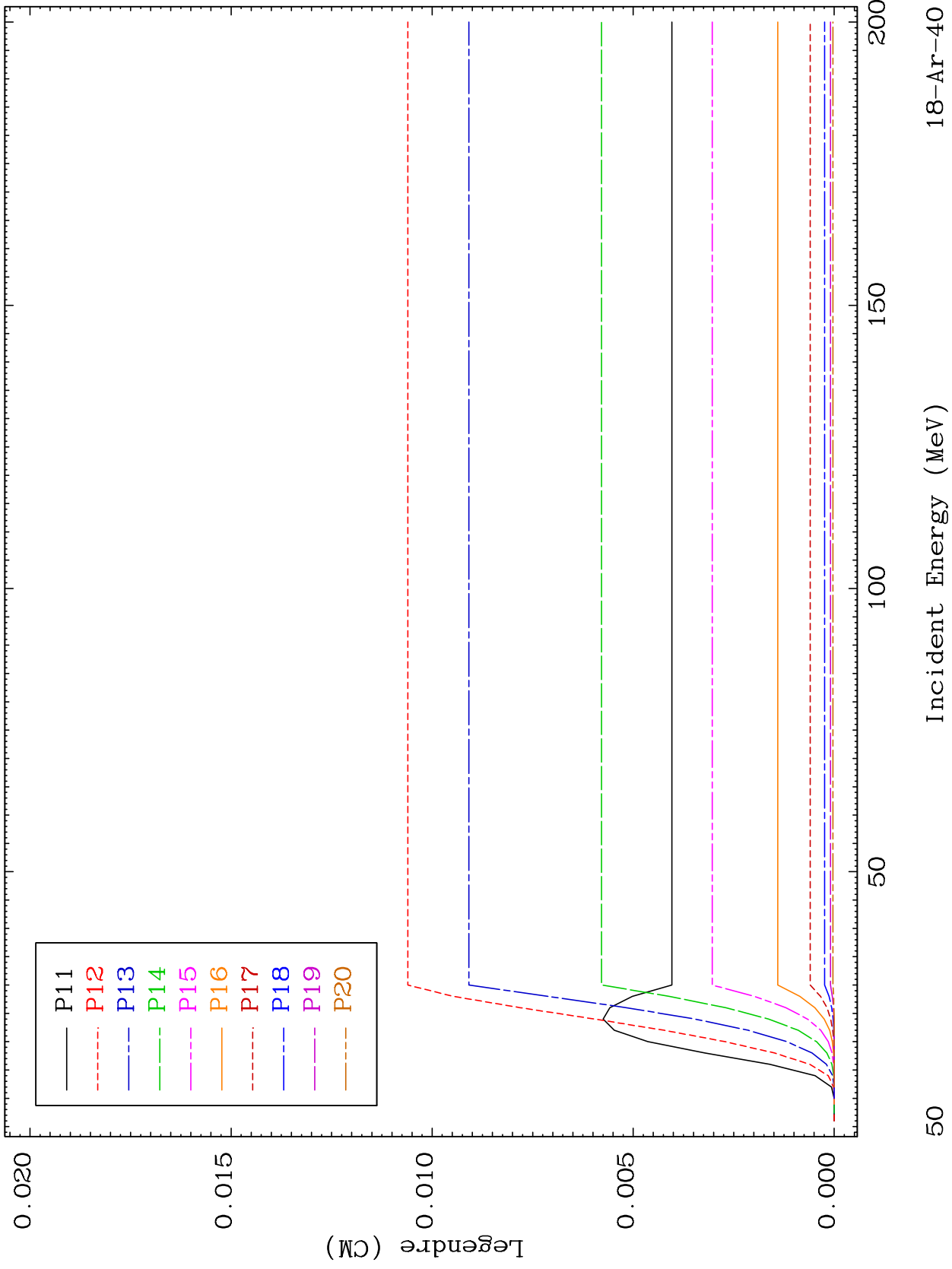
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

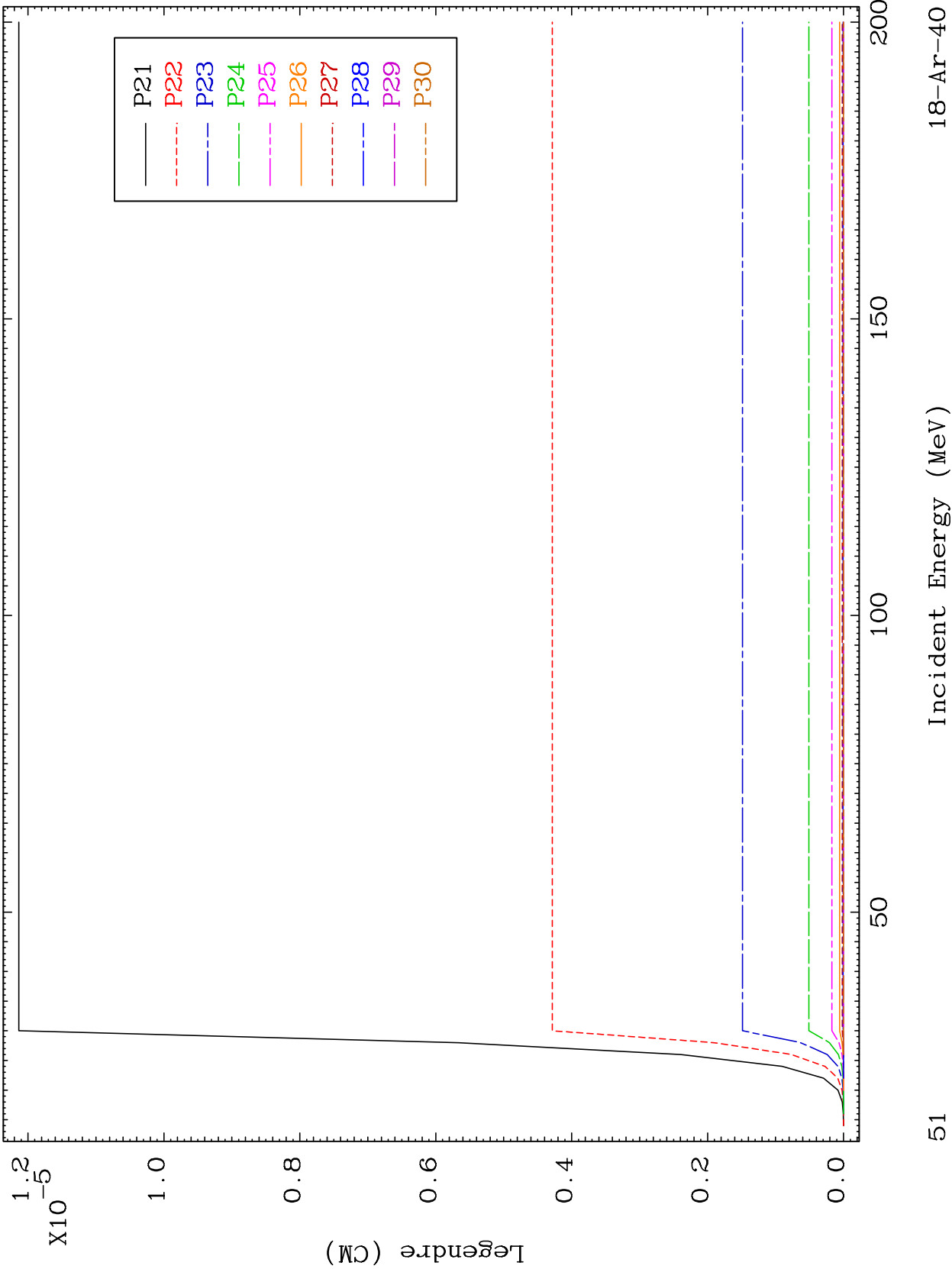
18-Ar-40



MAT 1837

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

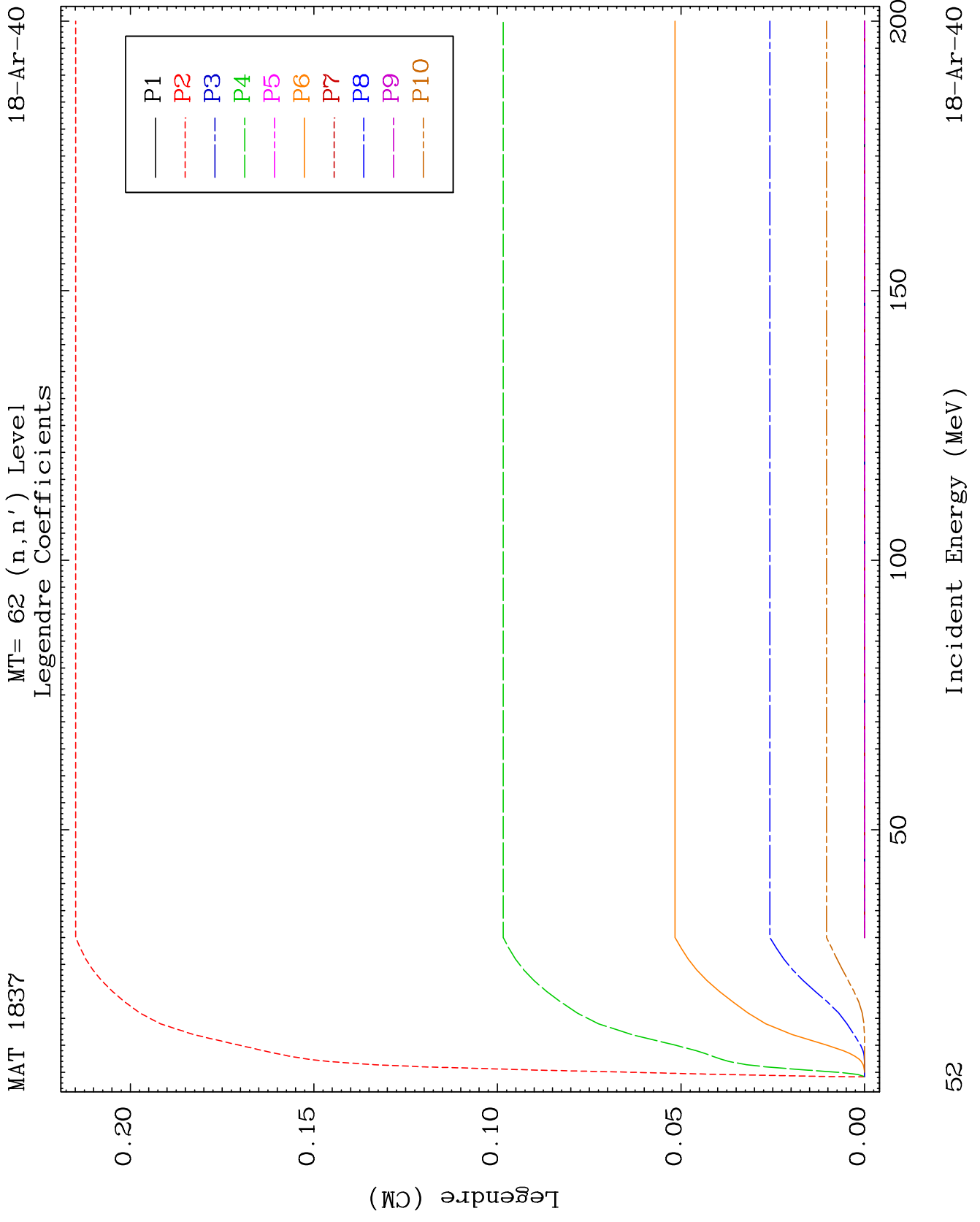
18-Ar-40

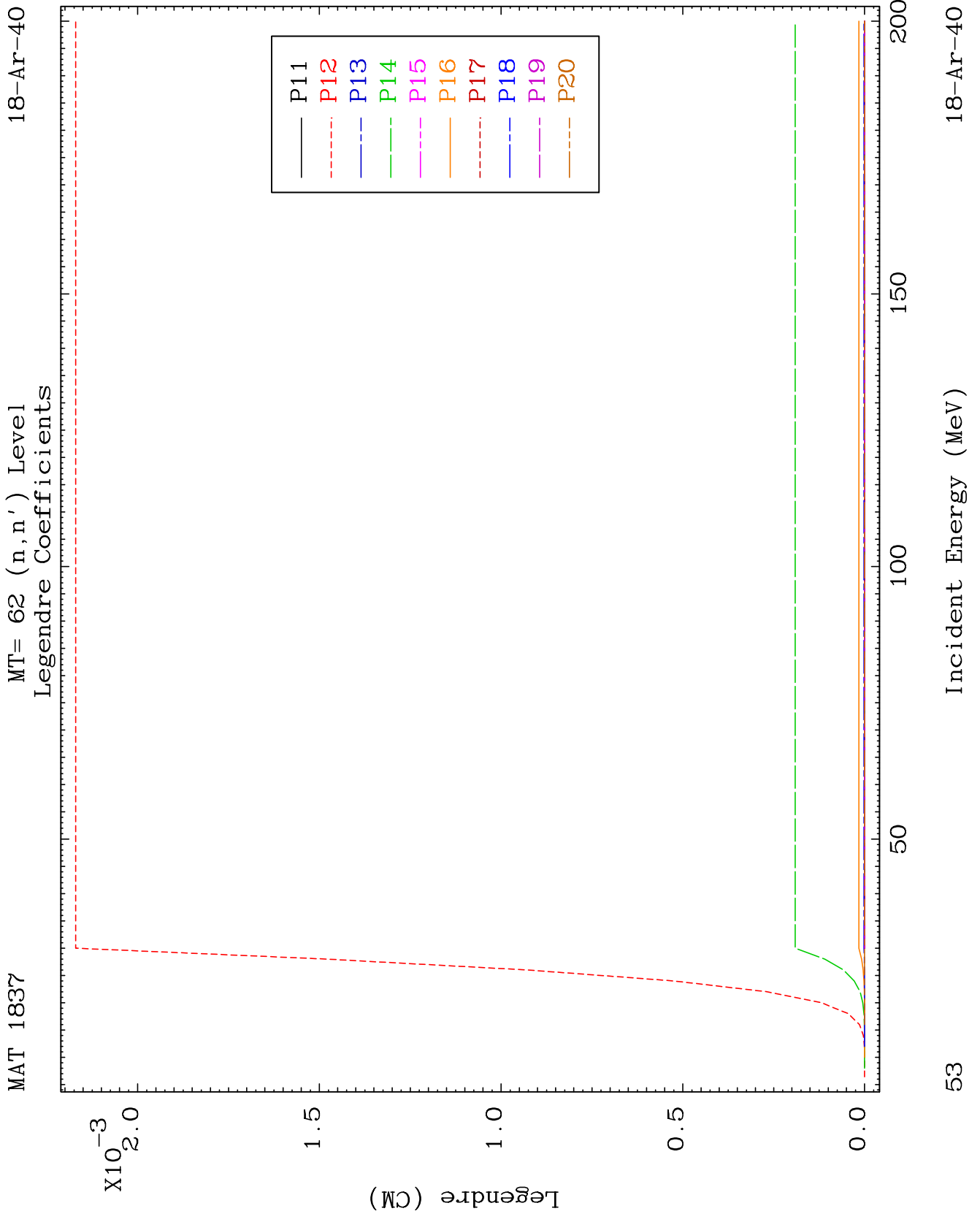


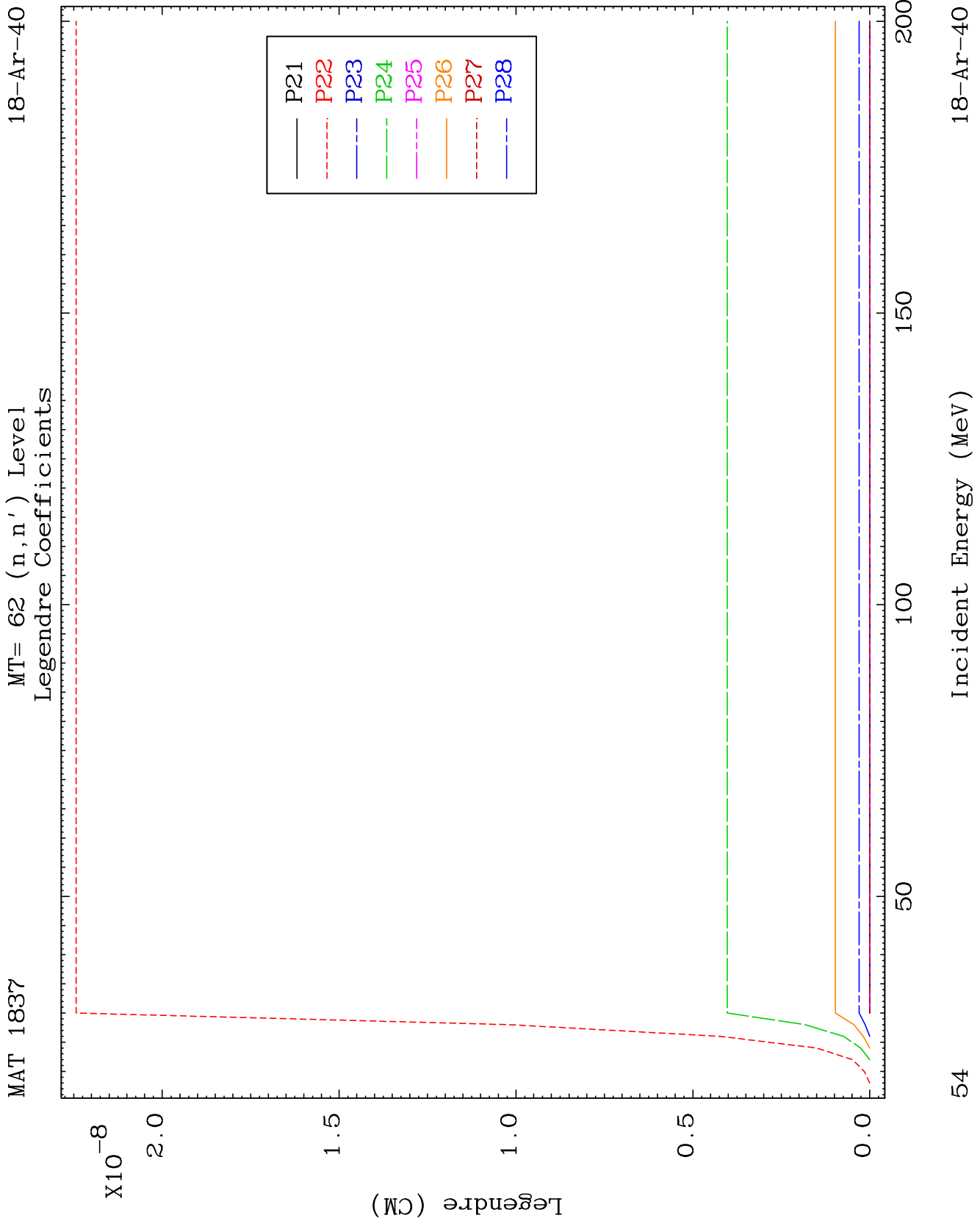
51

Incident Energy (MeV)

18-Ar-40



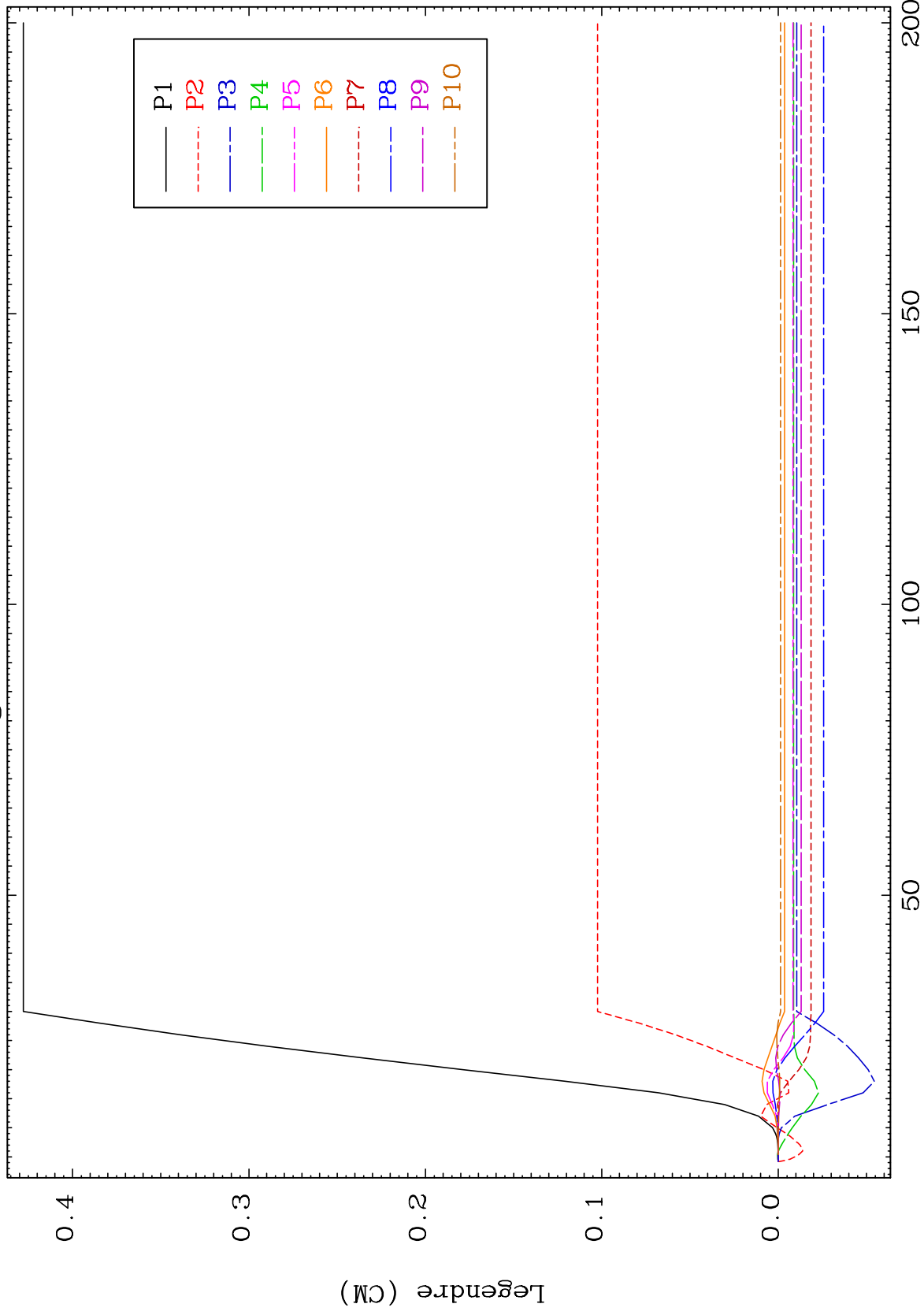




MAT 1837

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

18-Ar-40



55

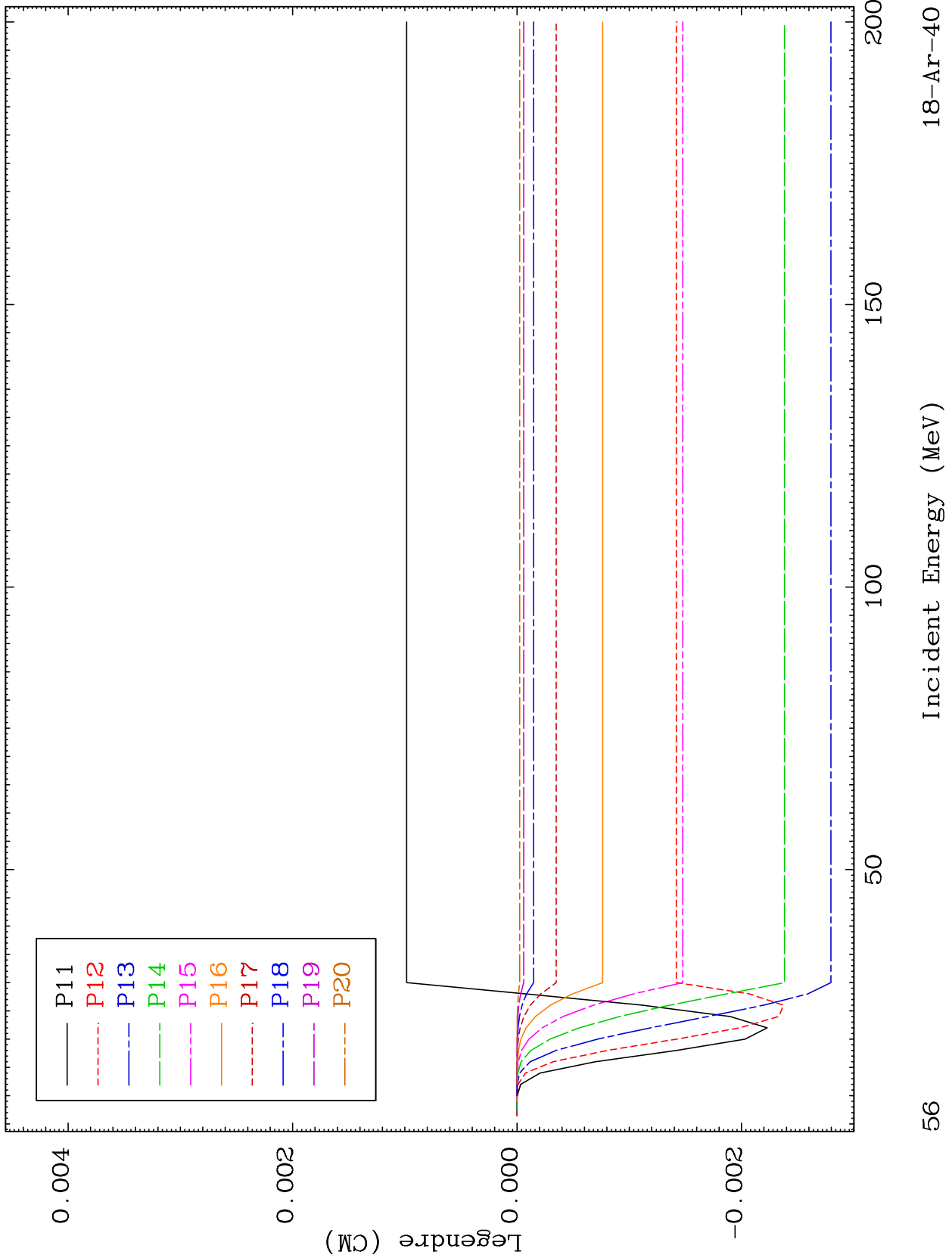
Incident Energy (MeV)

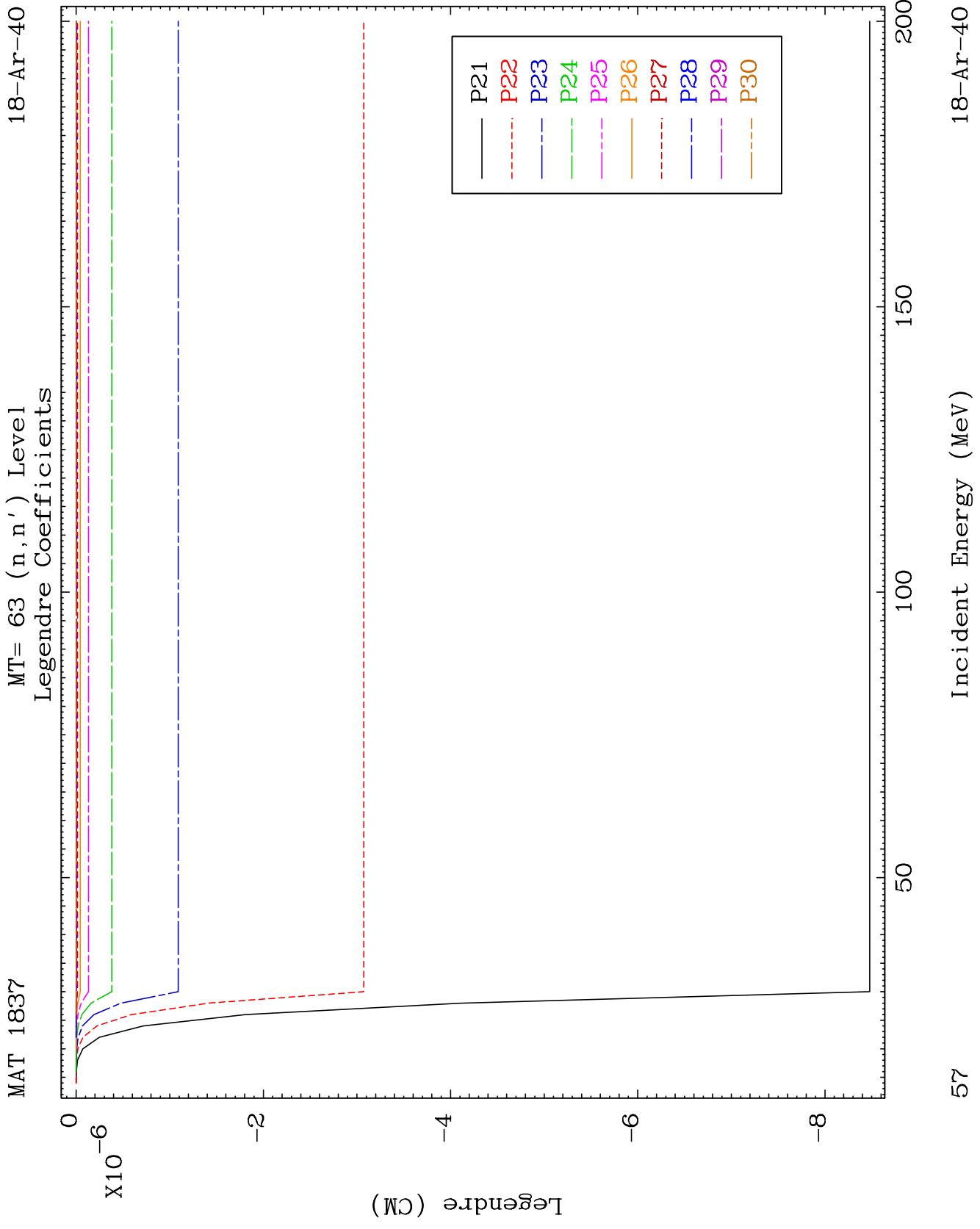
18-Ar-40

MAT 1837

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

18-Ar-40

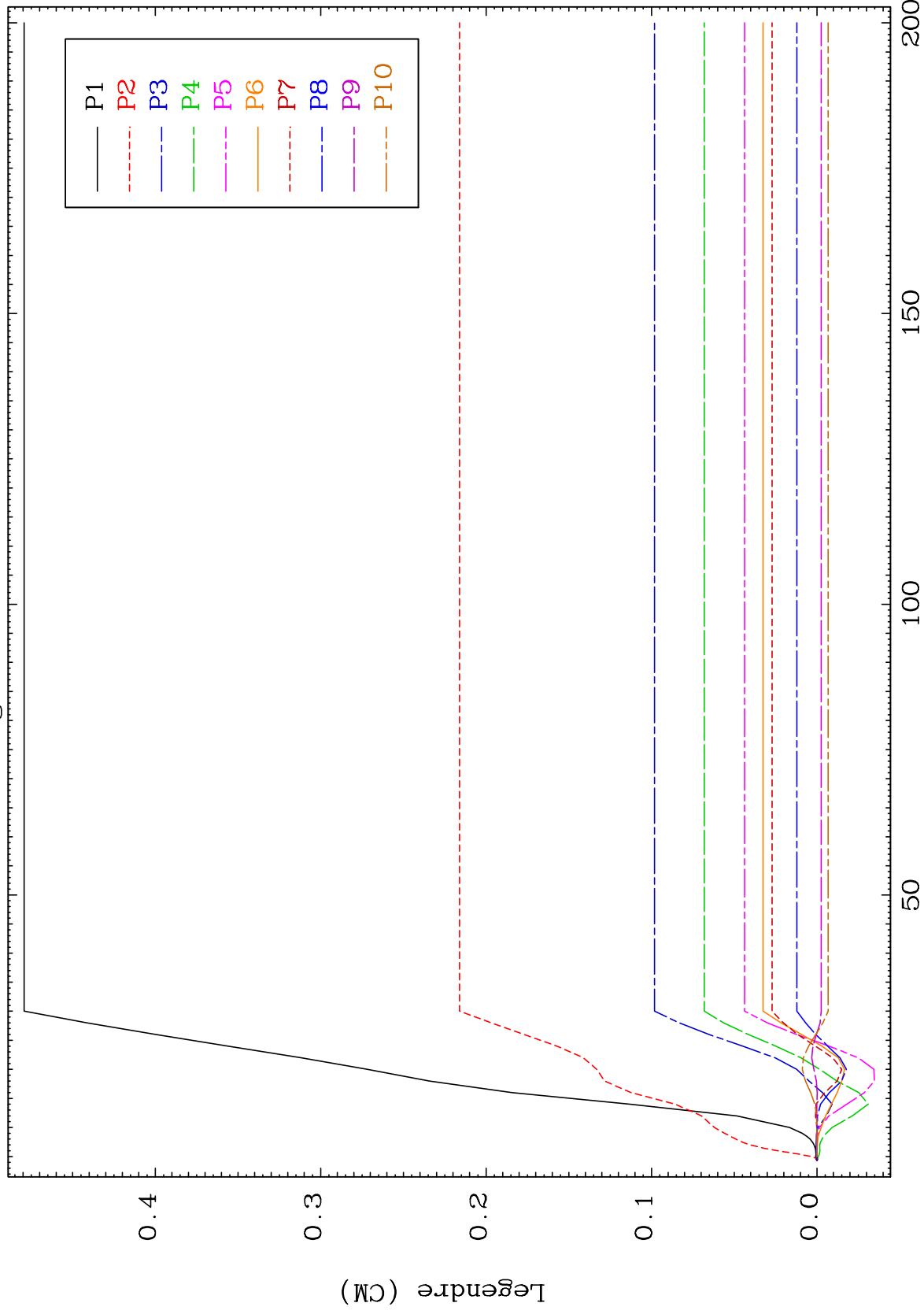




MAT 1837

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

18-Ar-40



58

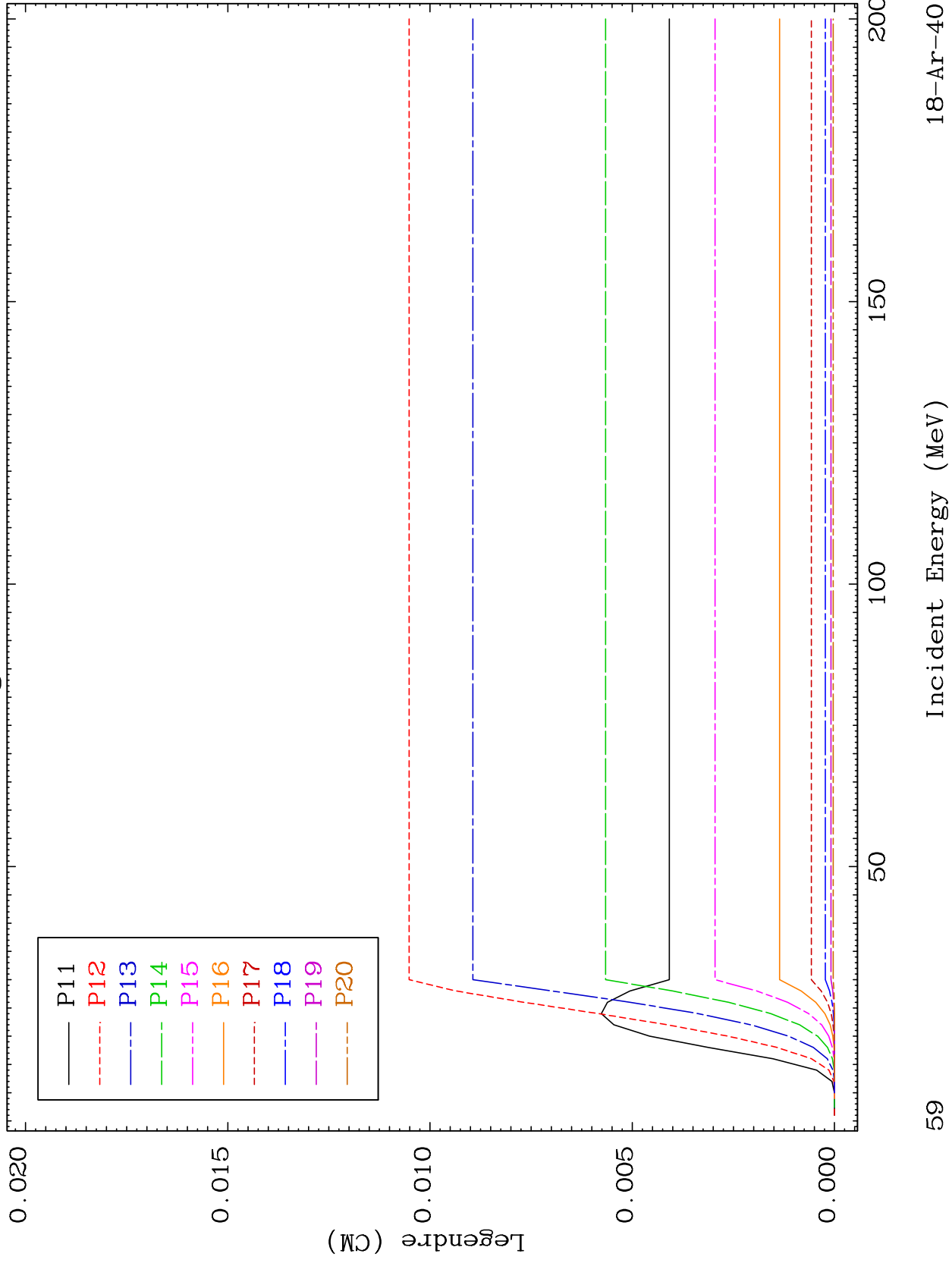
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



59

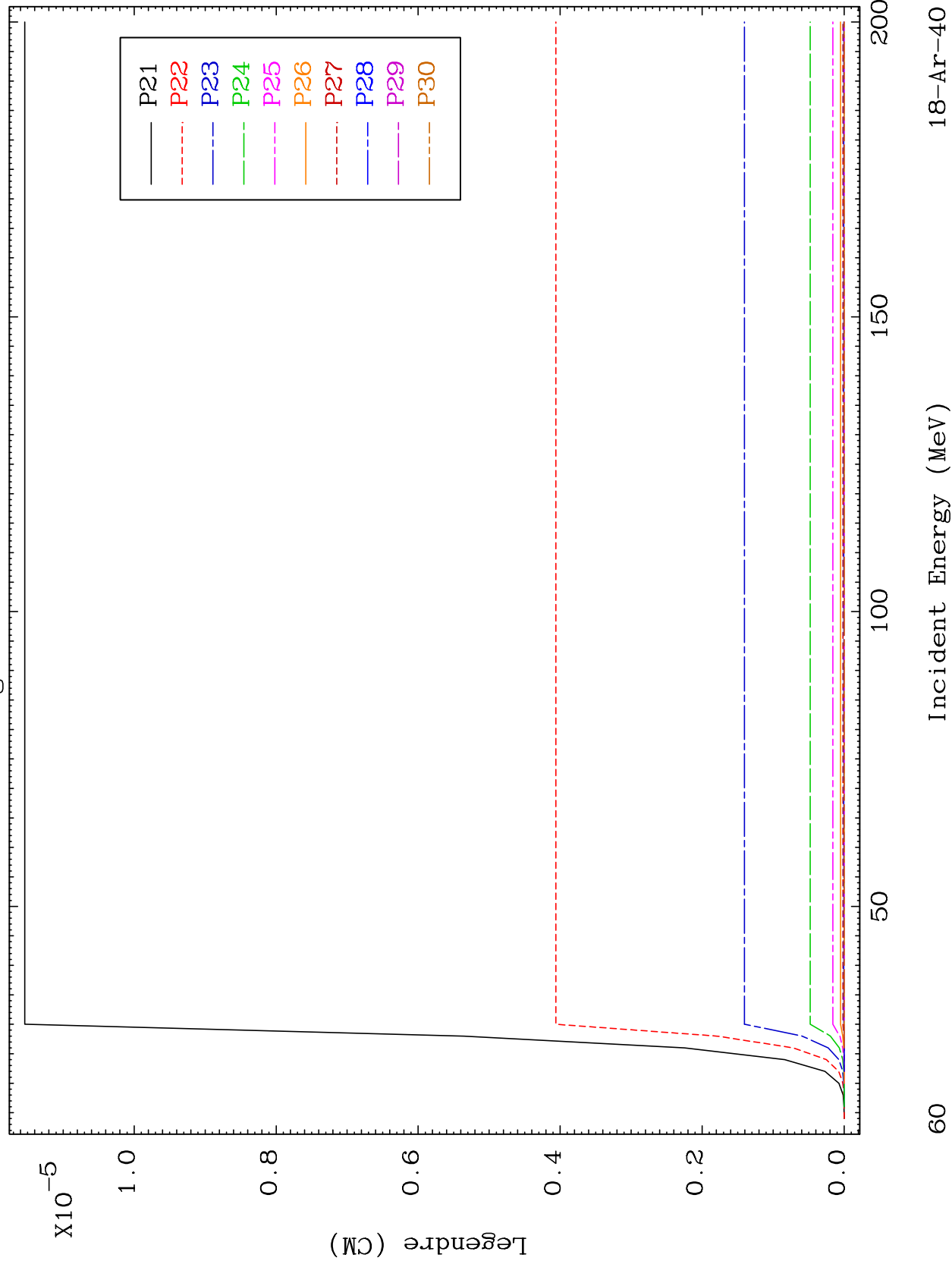
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

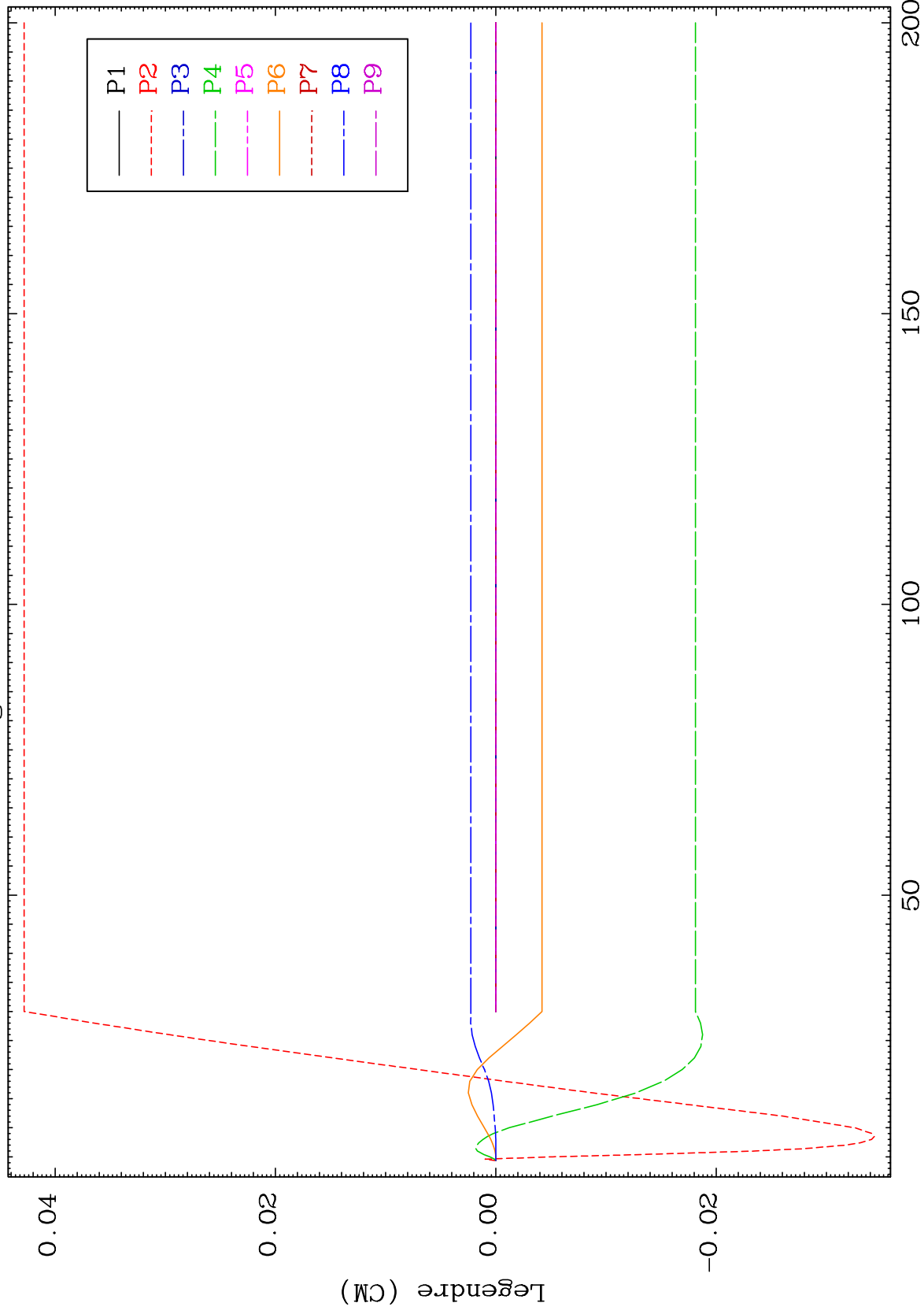
18-Ar-40



MAT 1837

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

18-Ar-40



61

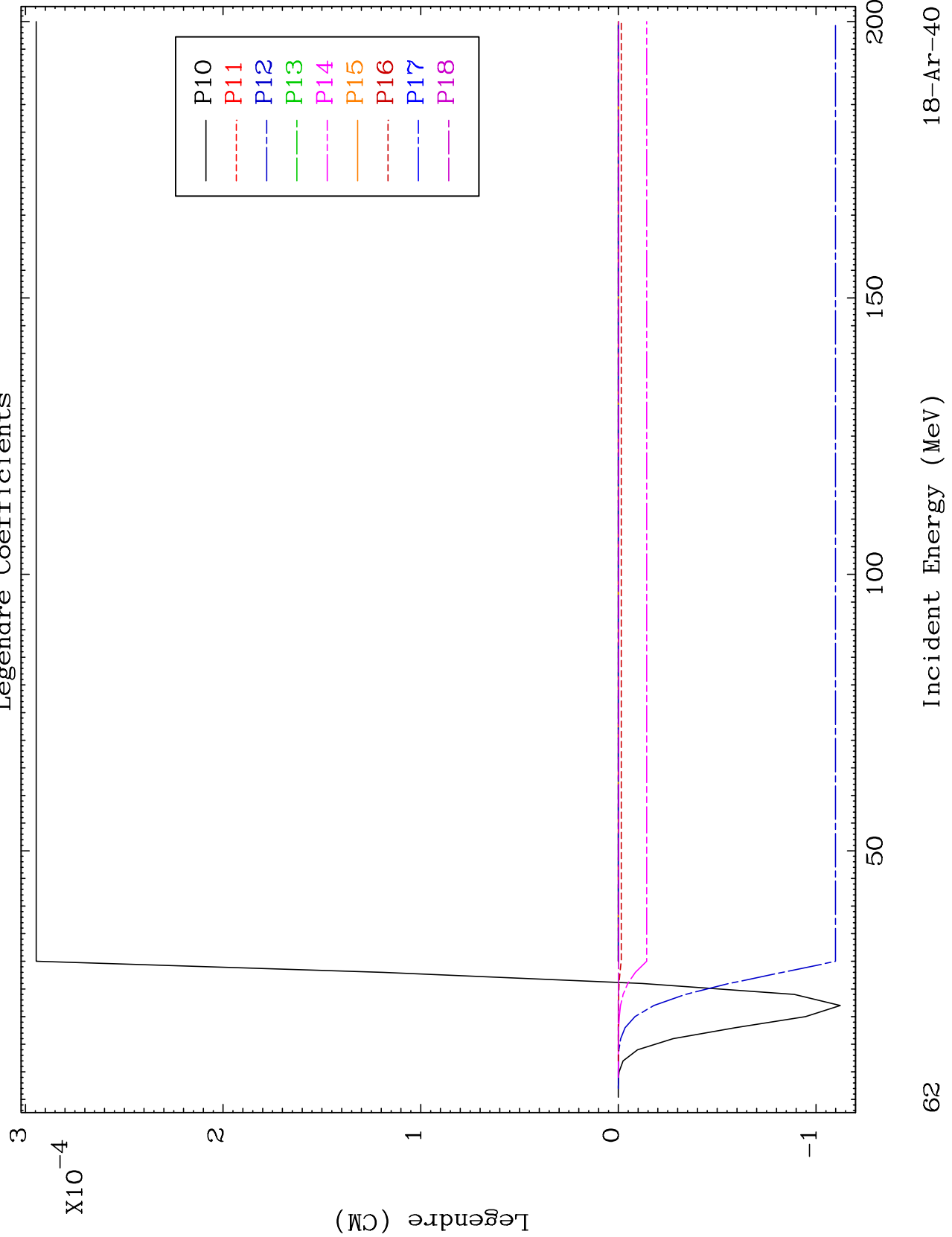
Incident Energy (MeV)

18-Ar-40

MAT 1837

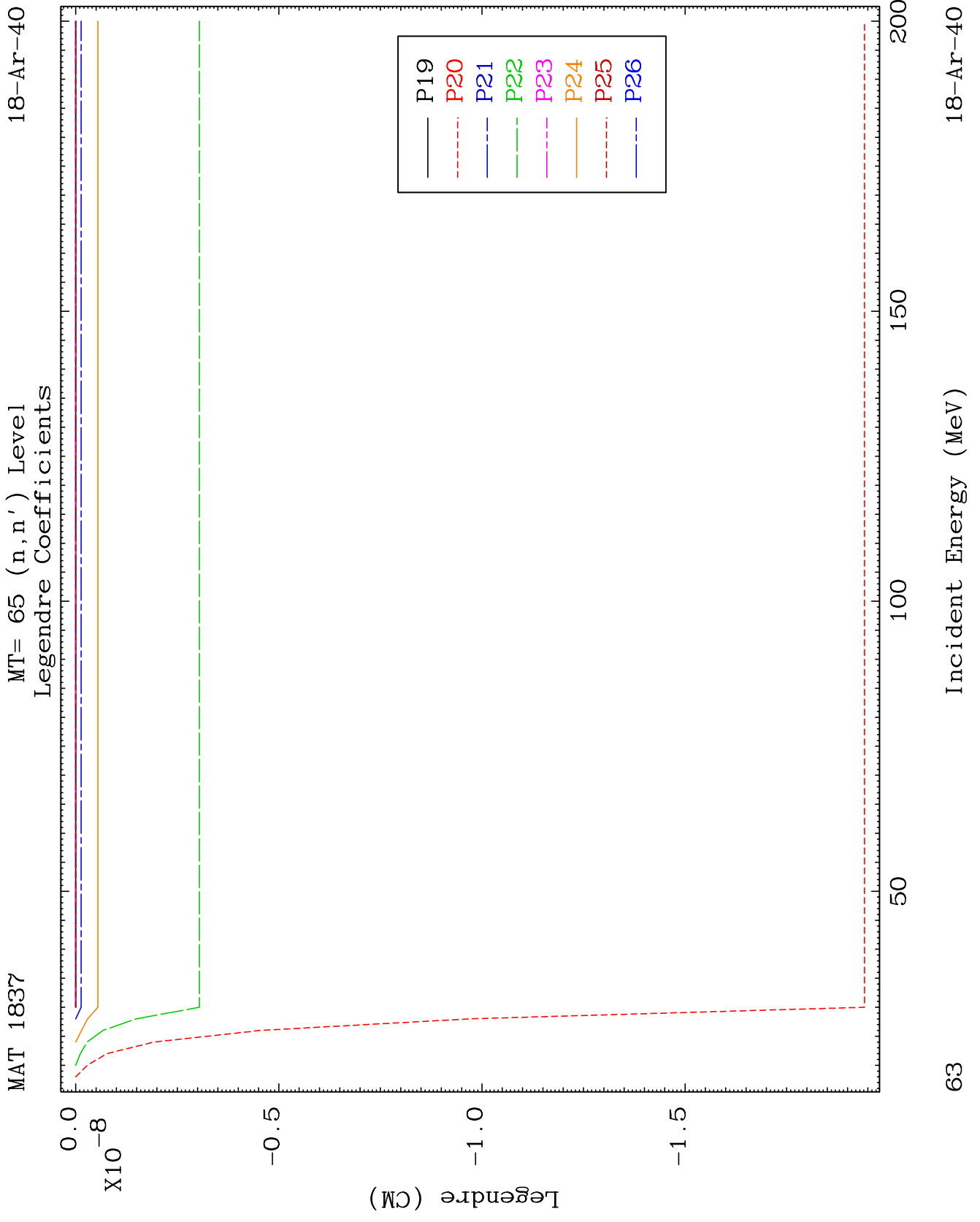
MT= 65 (n,n') Level
Legendre Coefficients

18-Ar-40



62

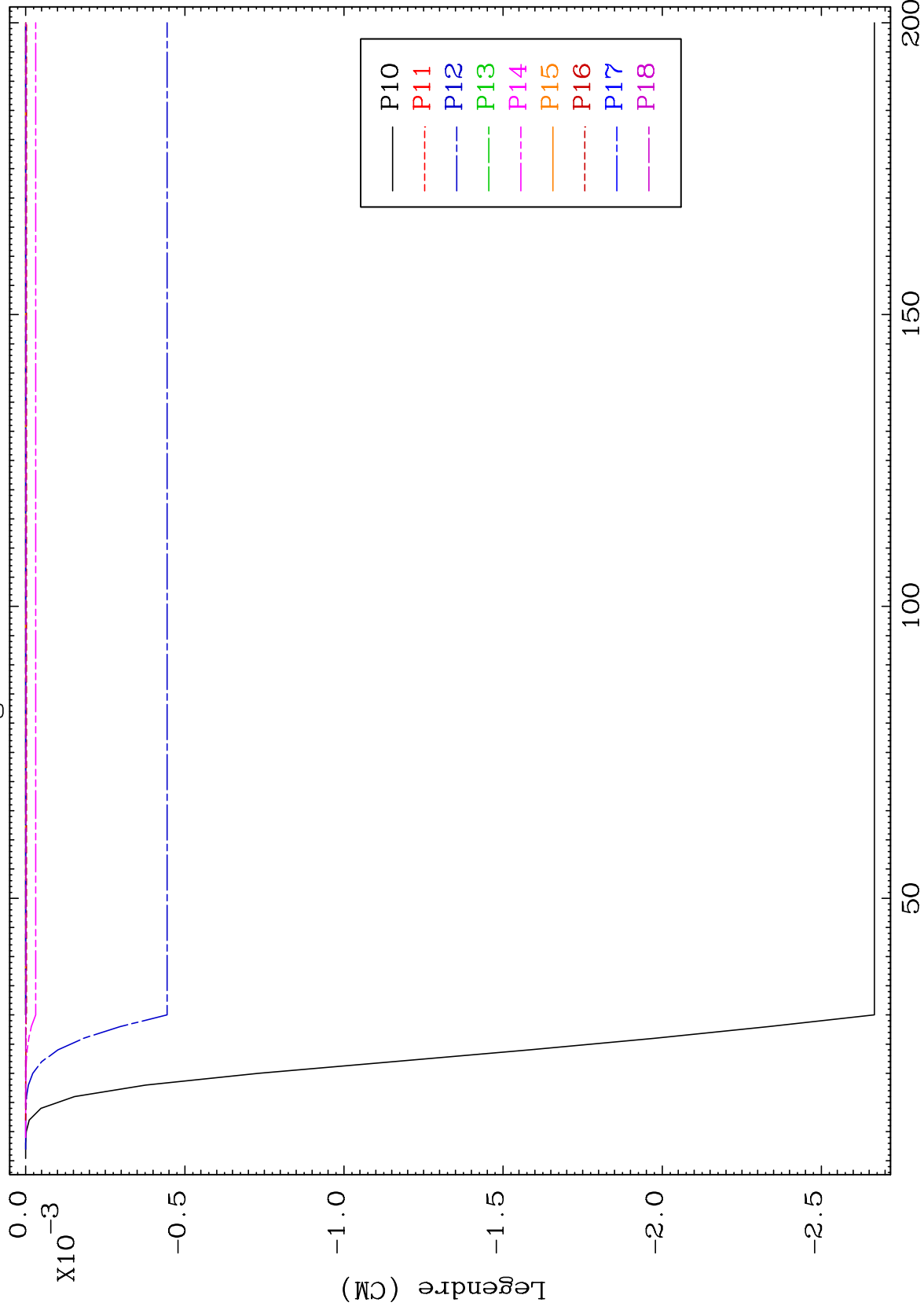
18-Ar-40



MAT 1837

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

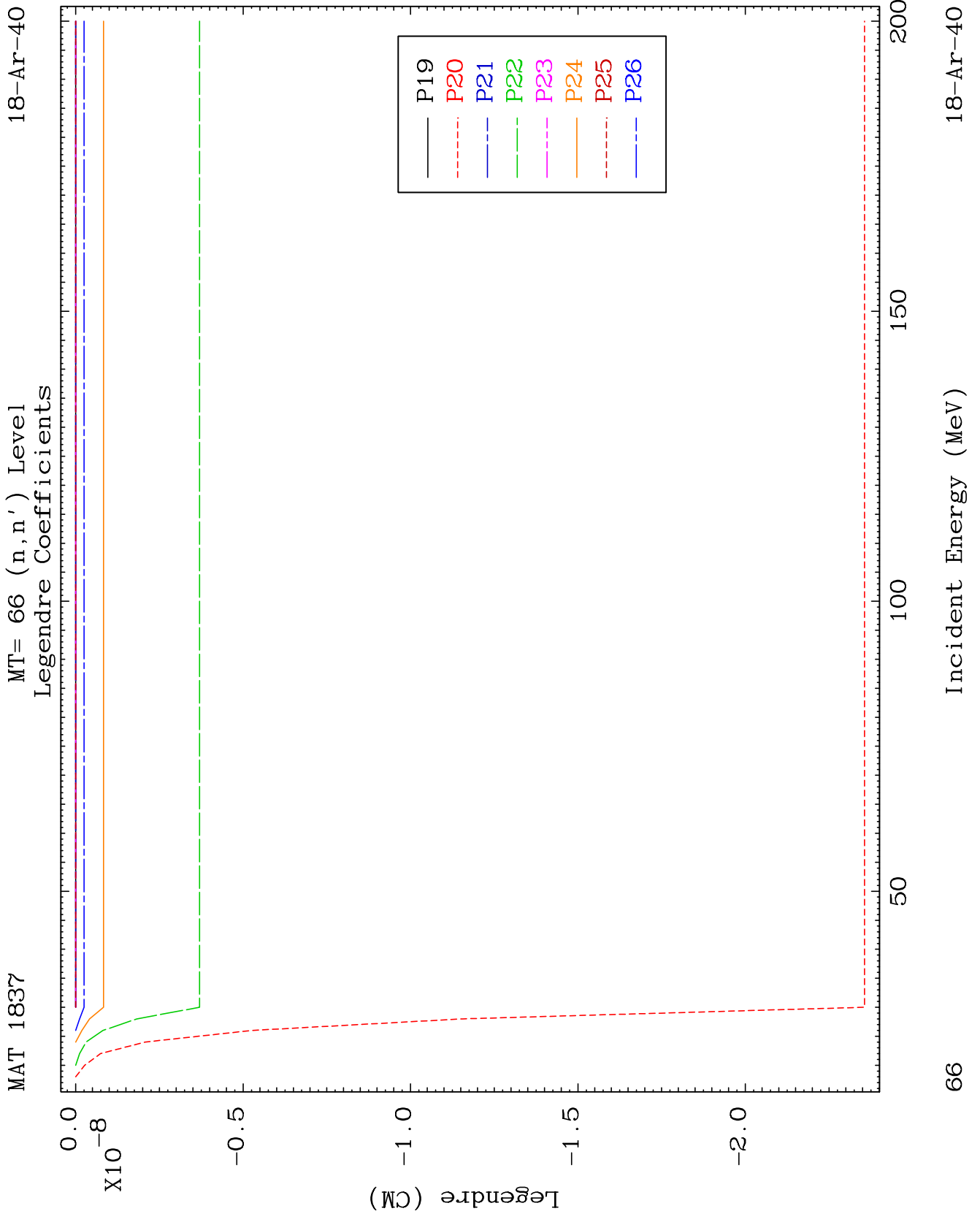
18-Ar-40



65

Incident Energy (MeV)

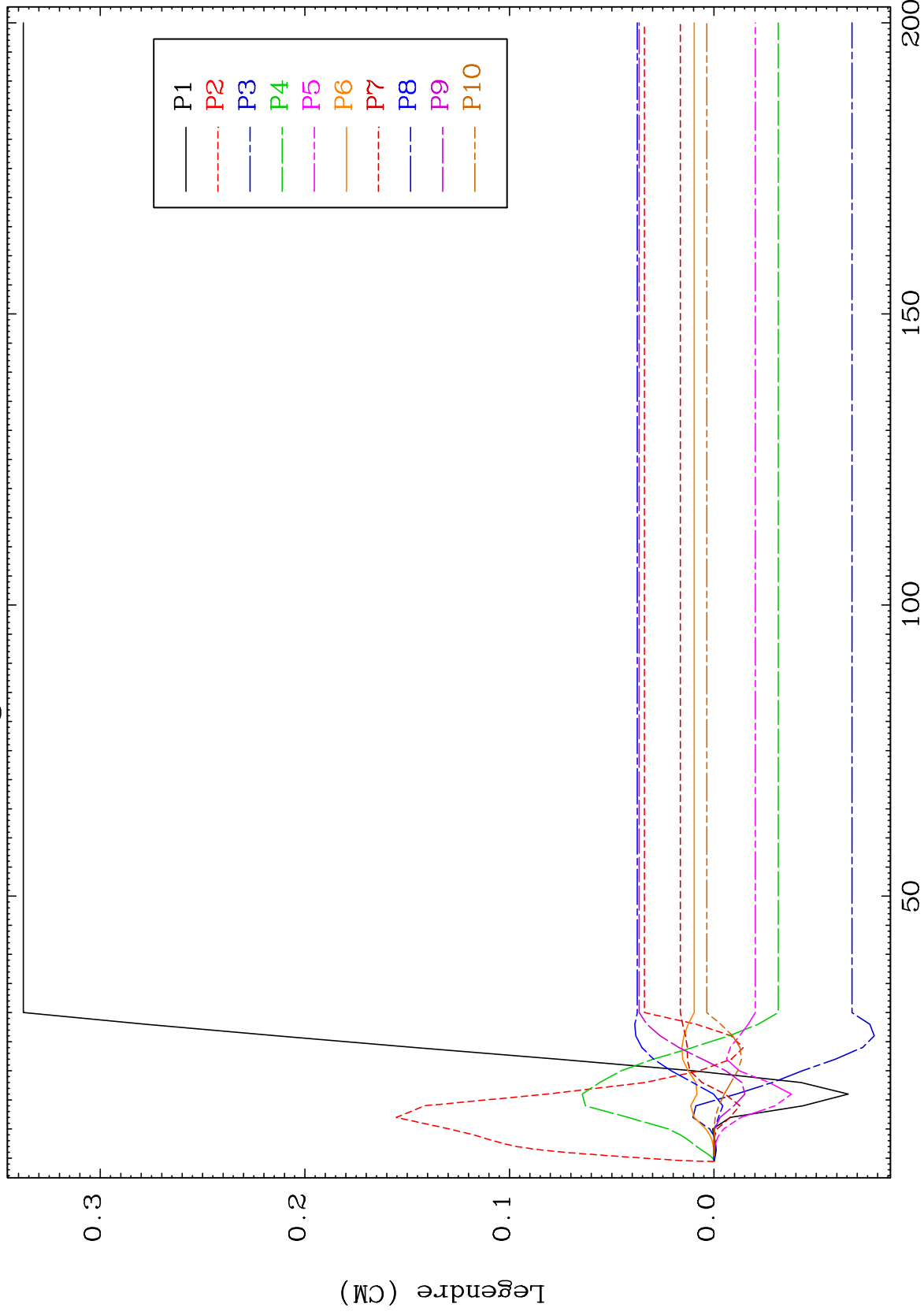
18-Ar-40



MAT 1837

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

18-Ar-40



67

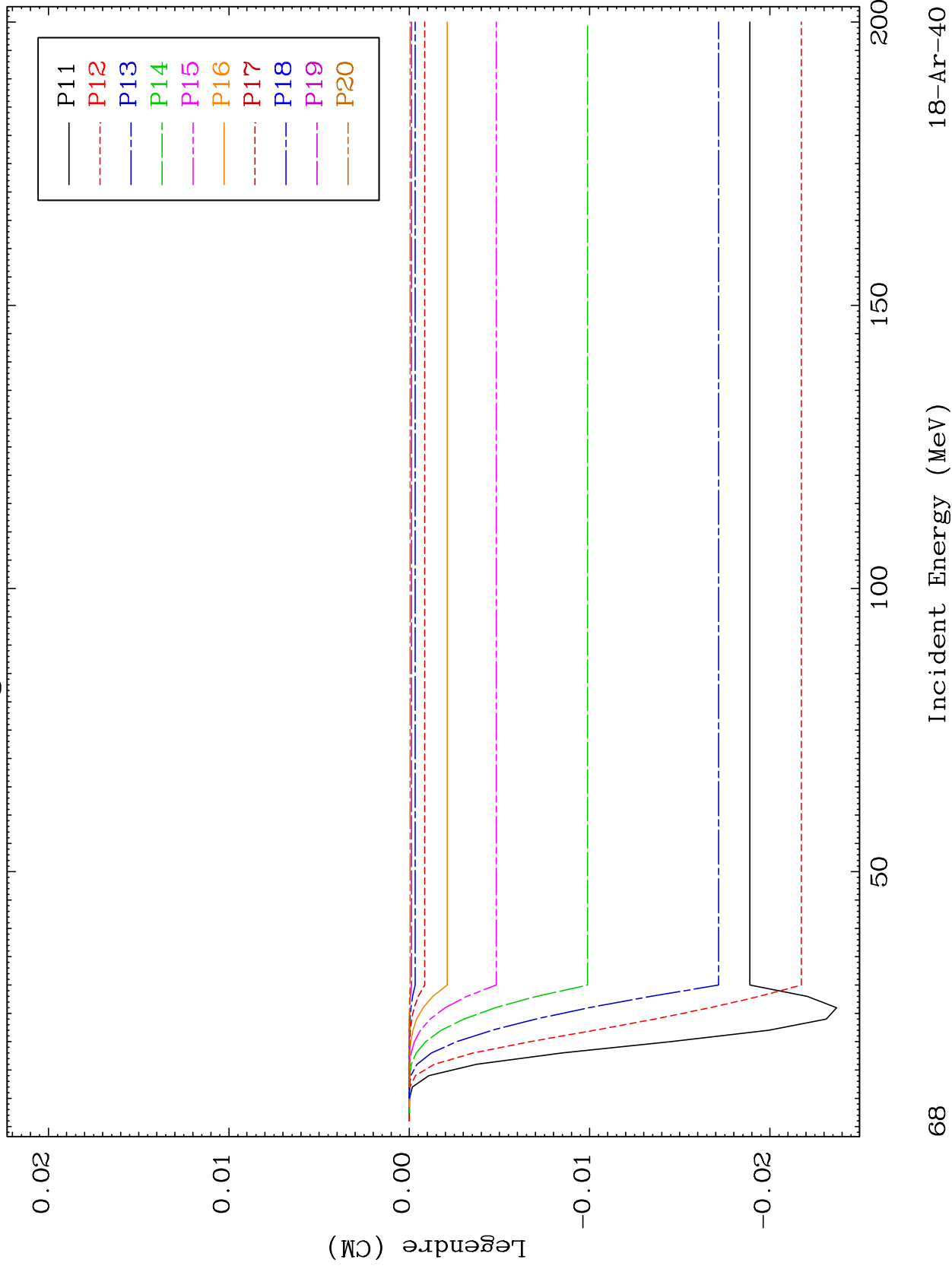
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



68

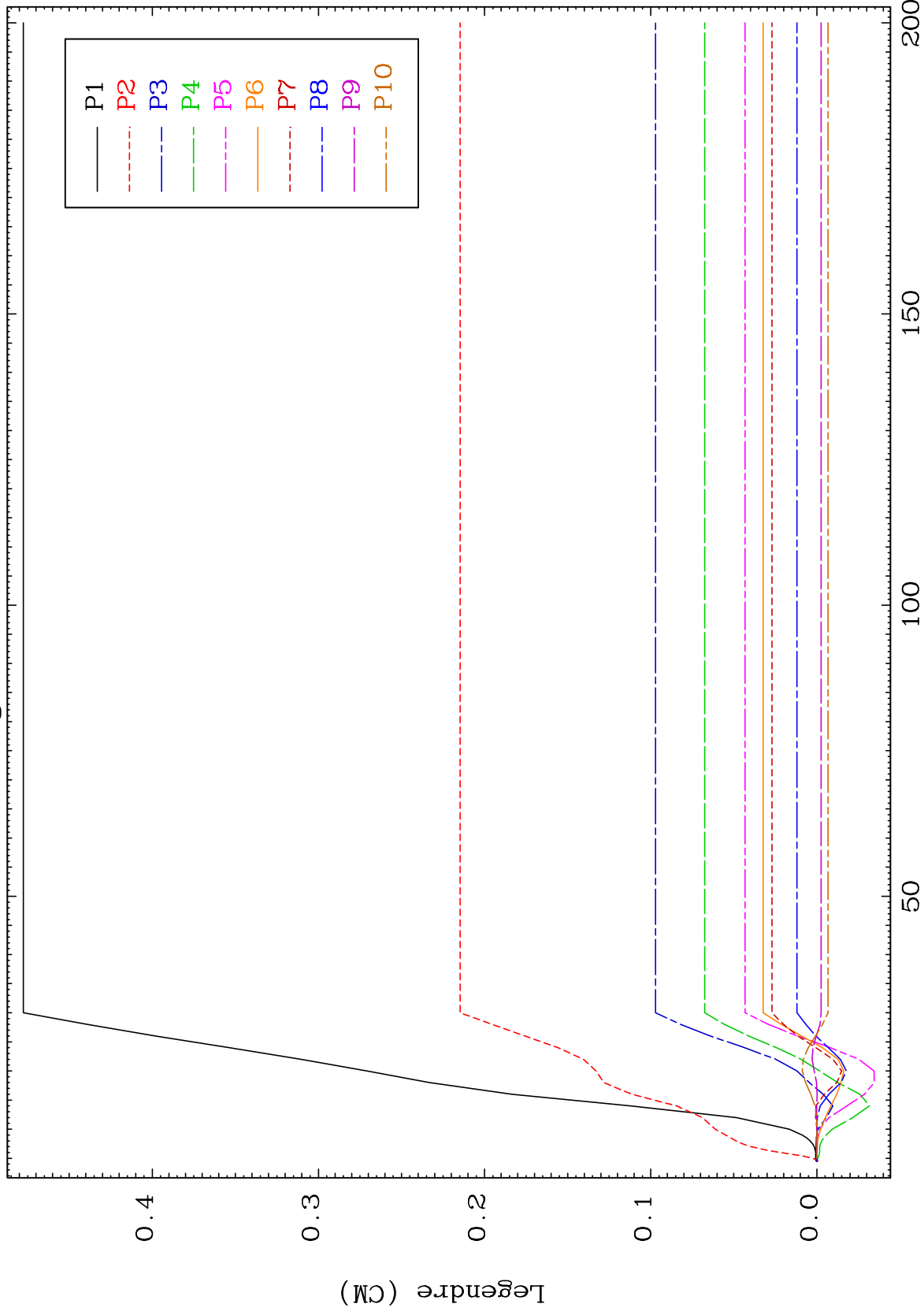
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



70

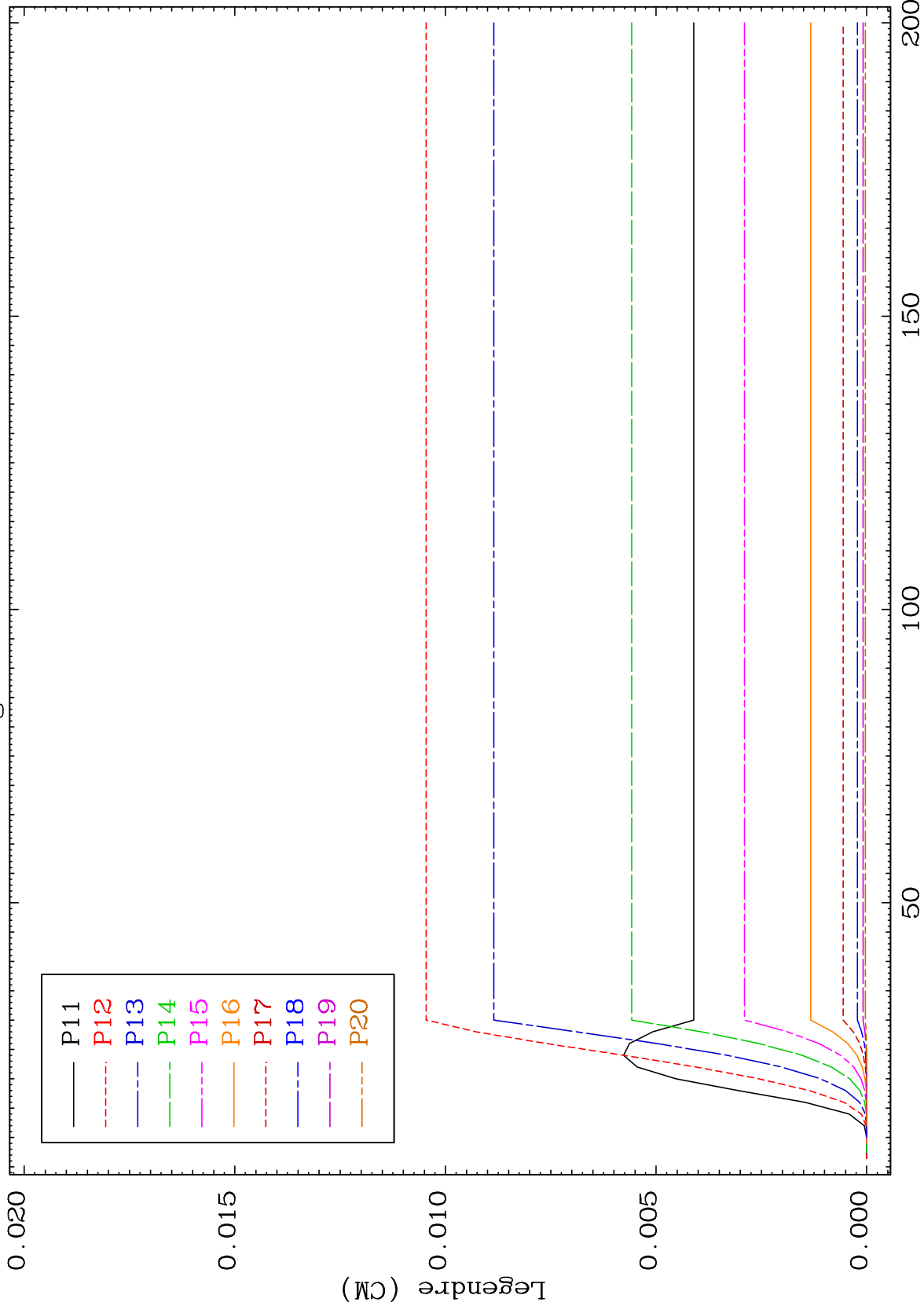
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

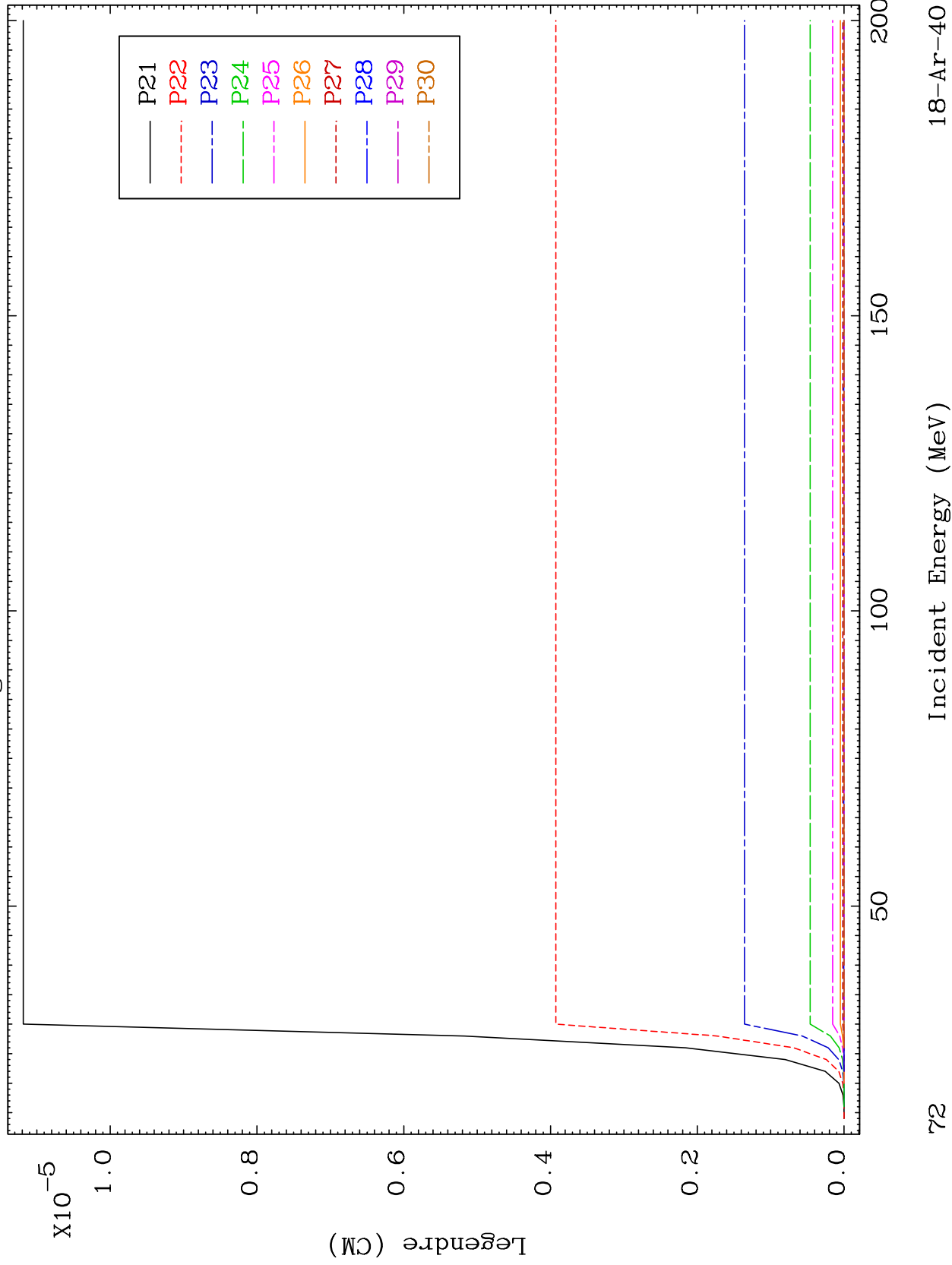
18-Ar-40

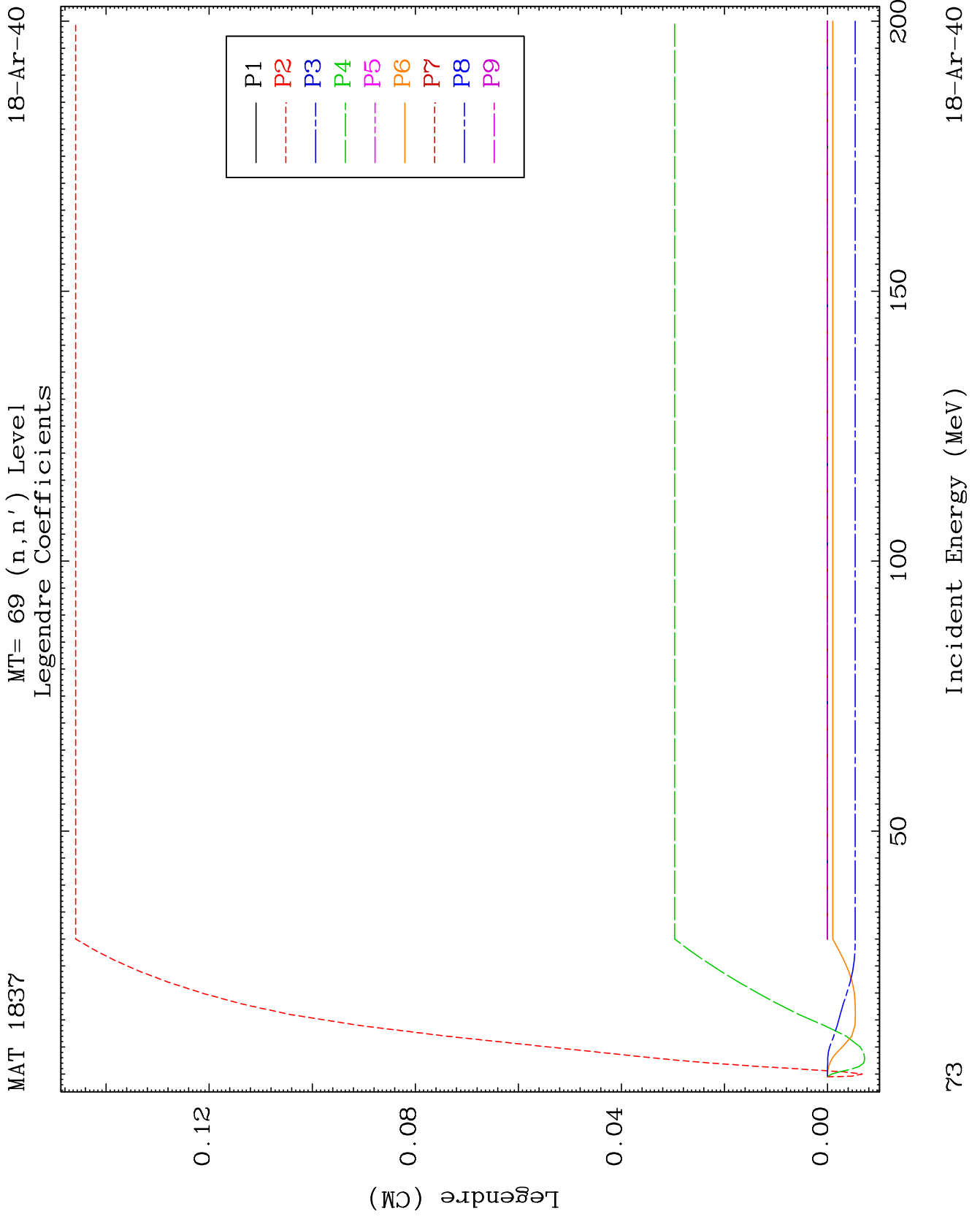


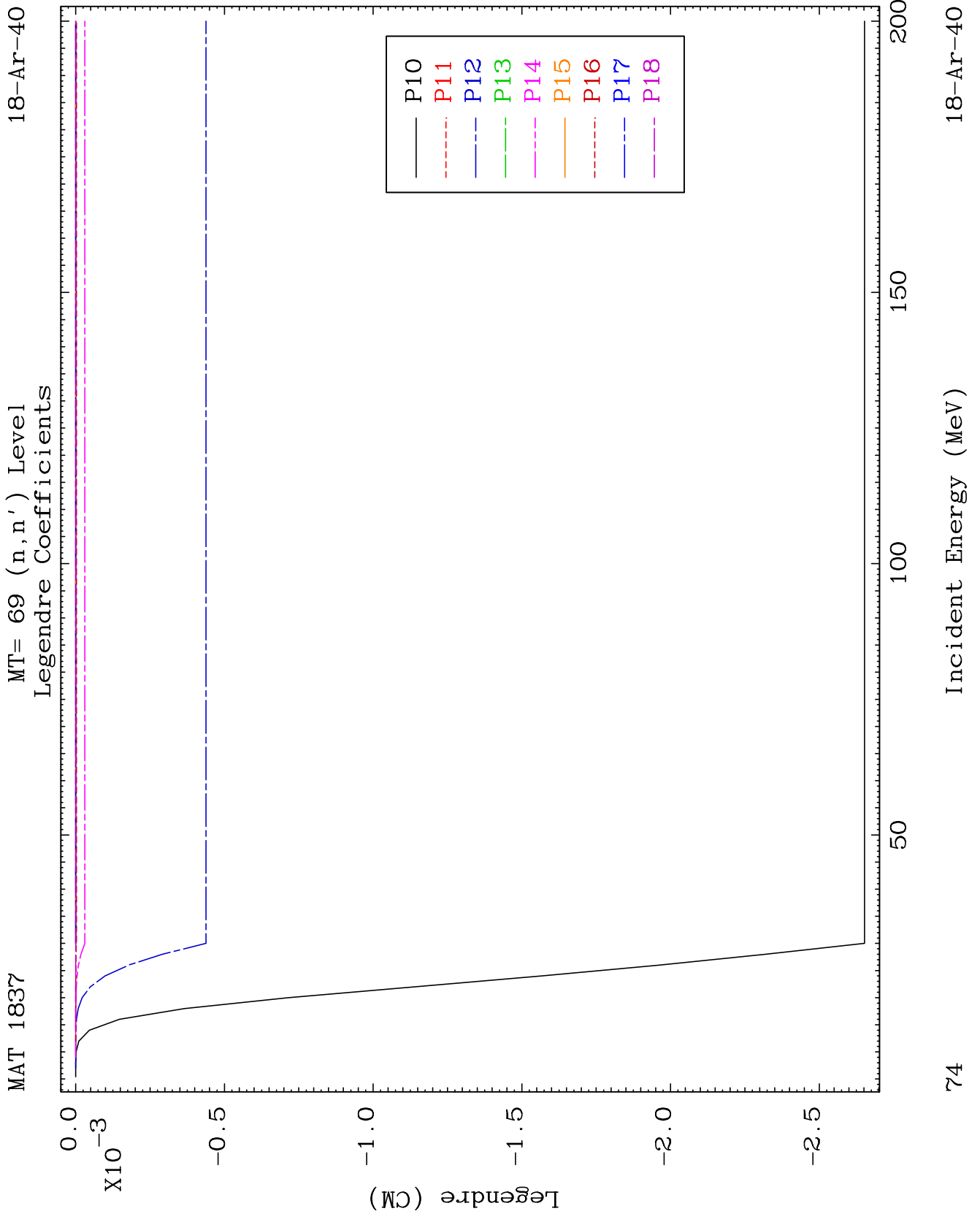
MAT 1837

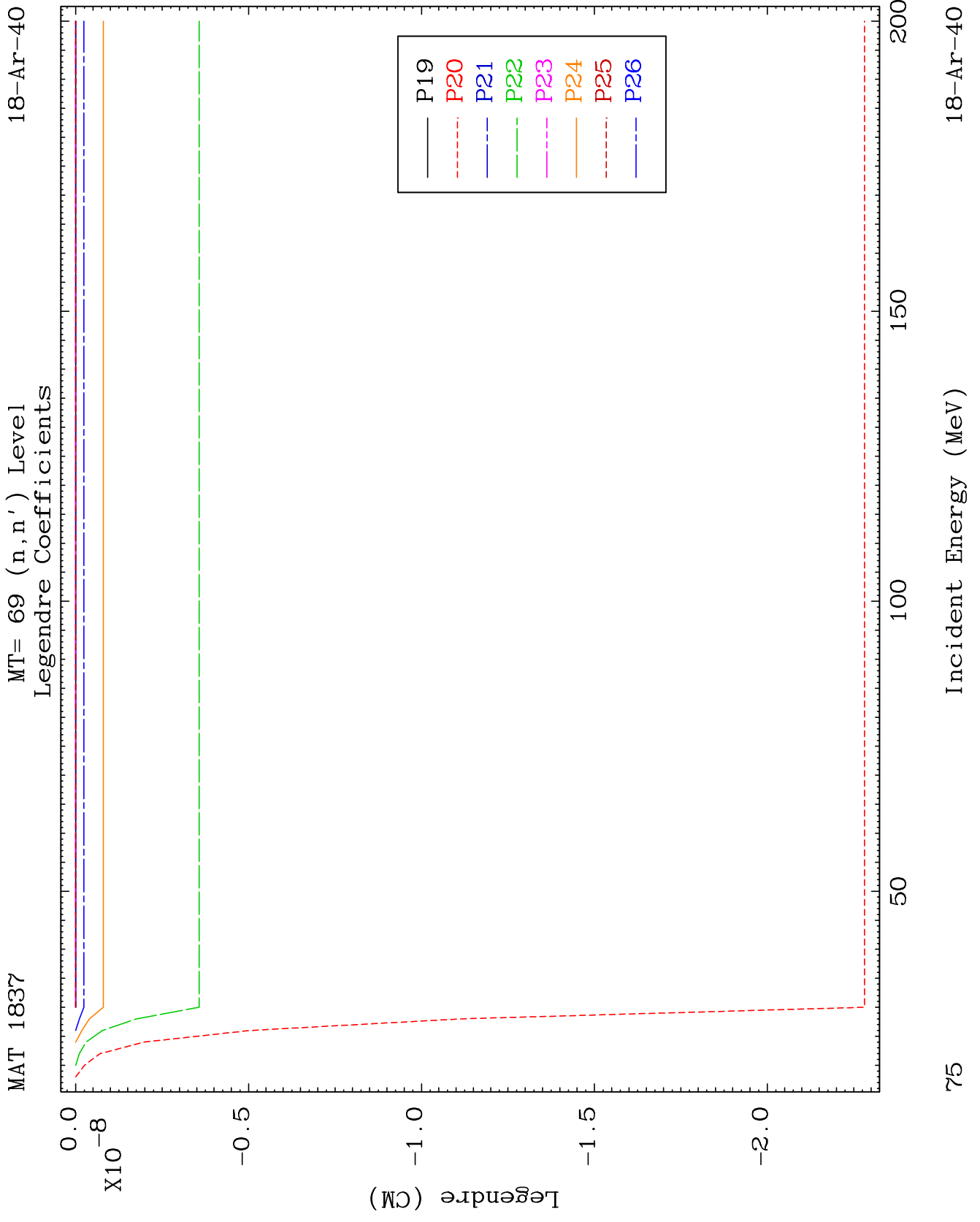
MT= 68 (n,n') Level
Legendre Coefficients

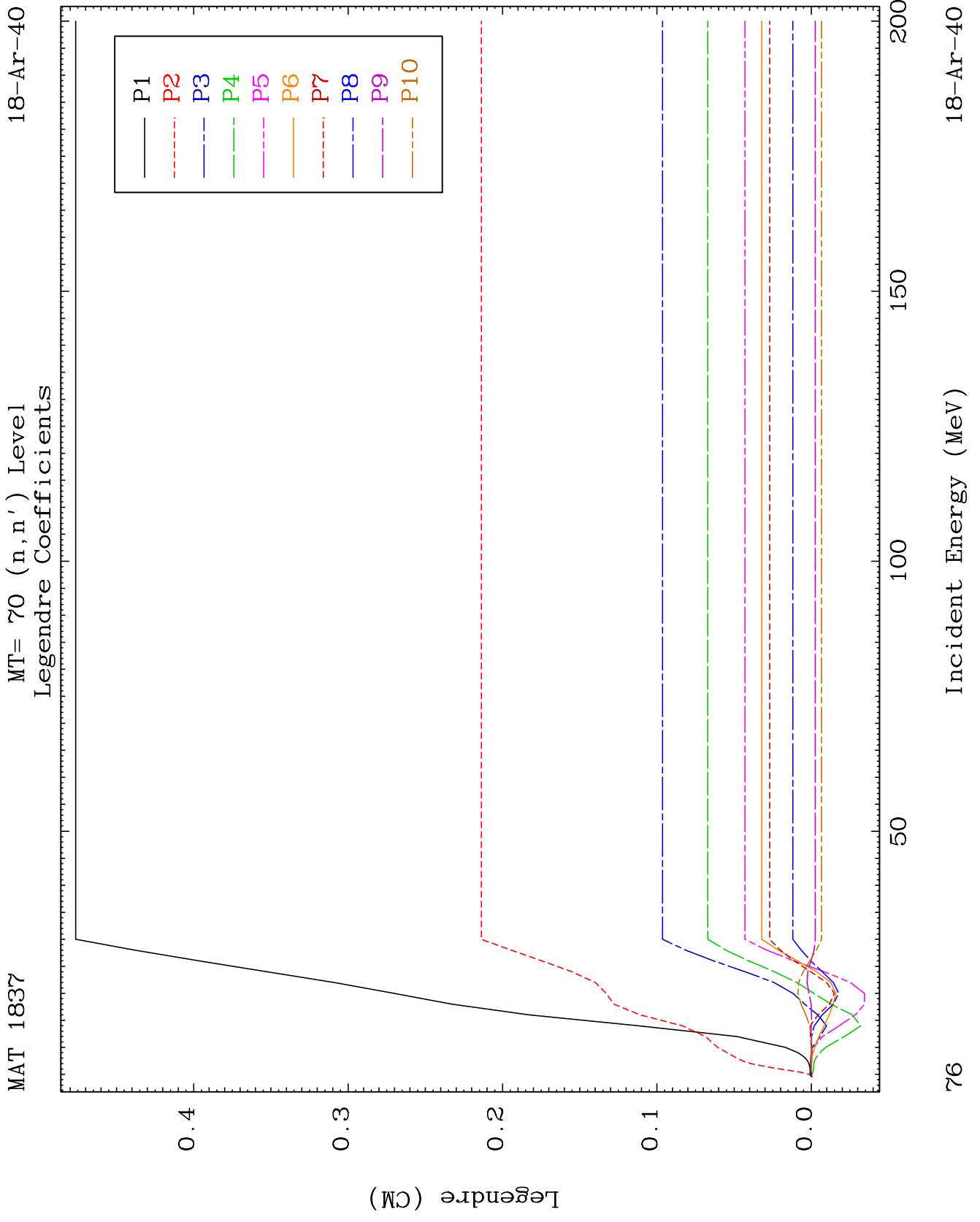
18-Ar-40







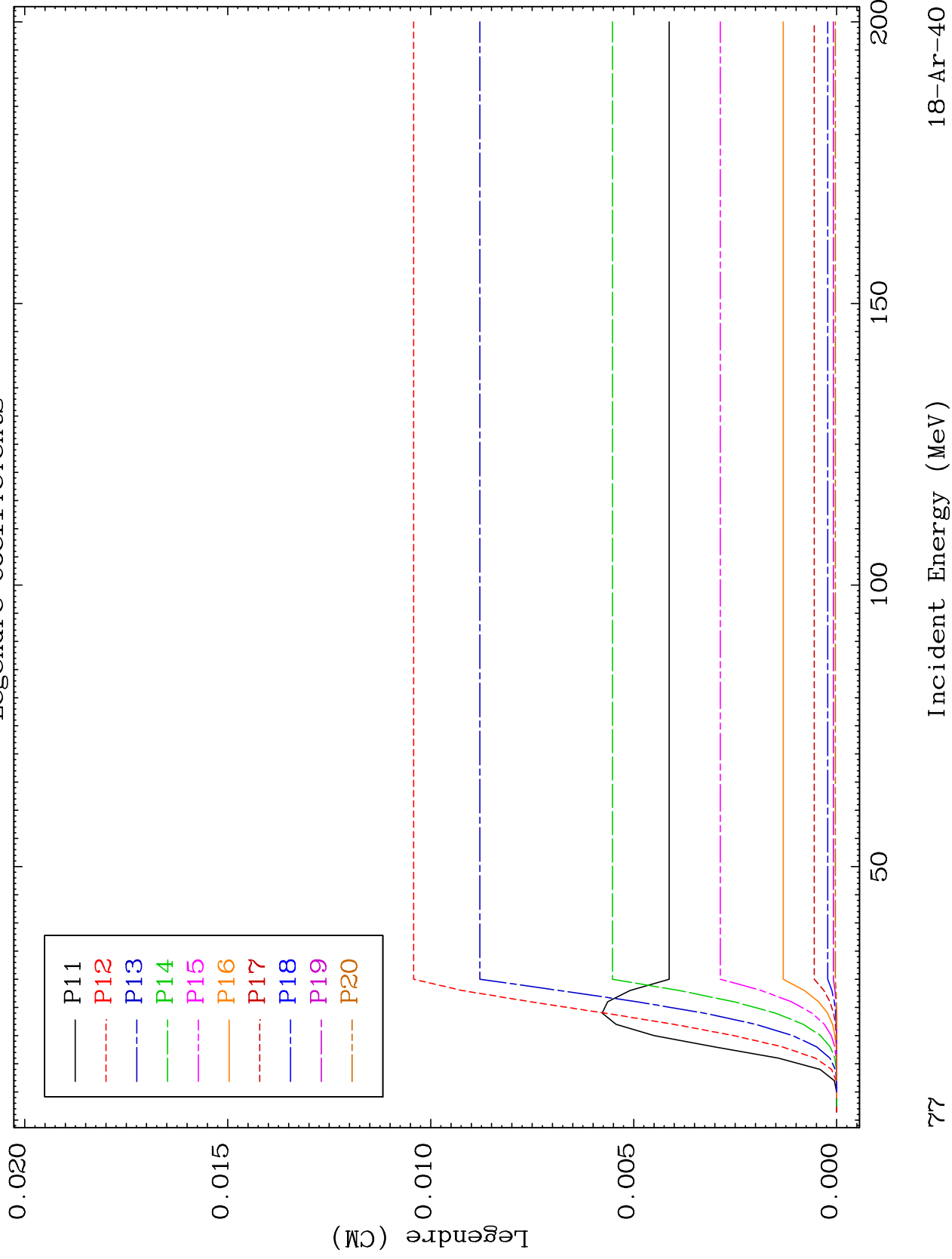




MAT 1837

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

18-Ar-40

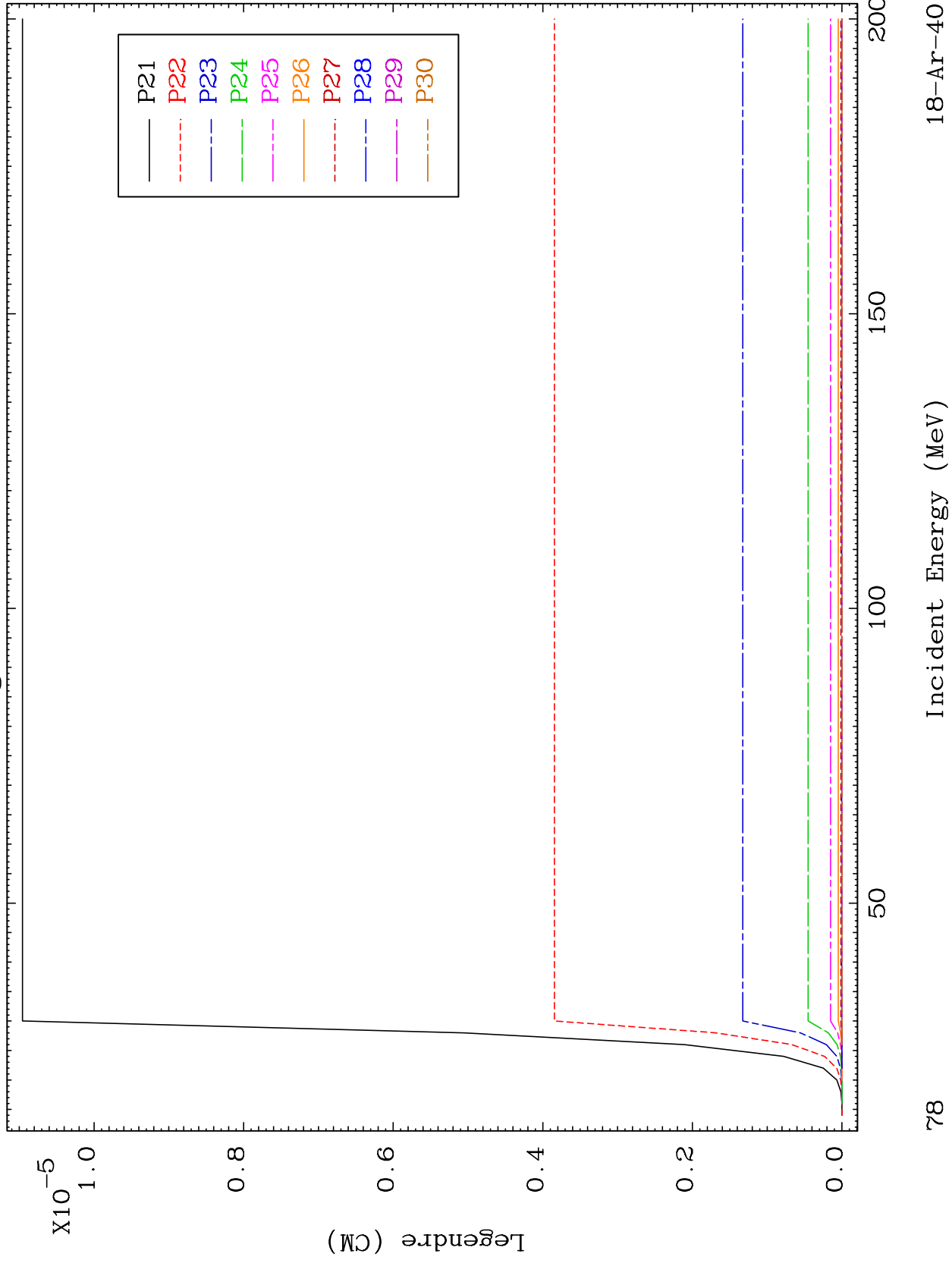


77

MAT 1837

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

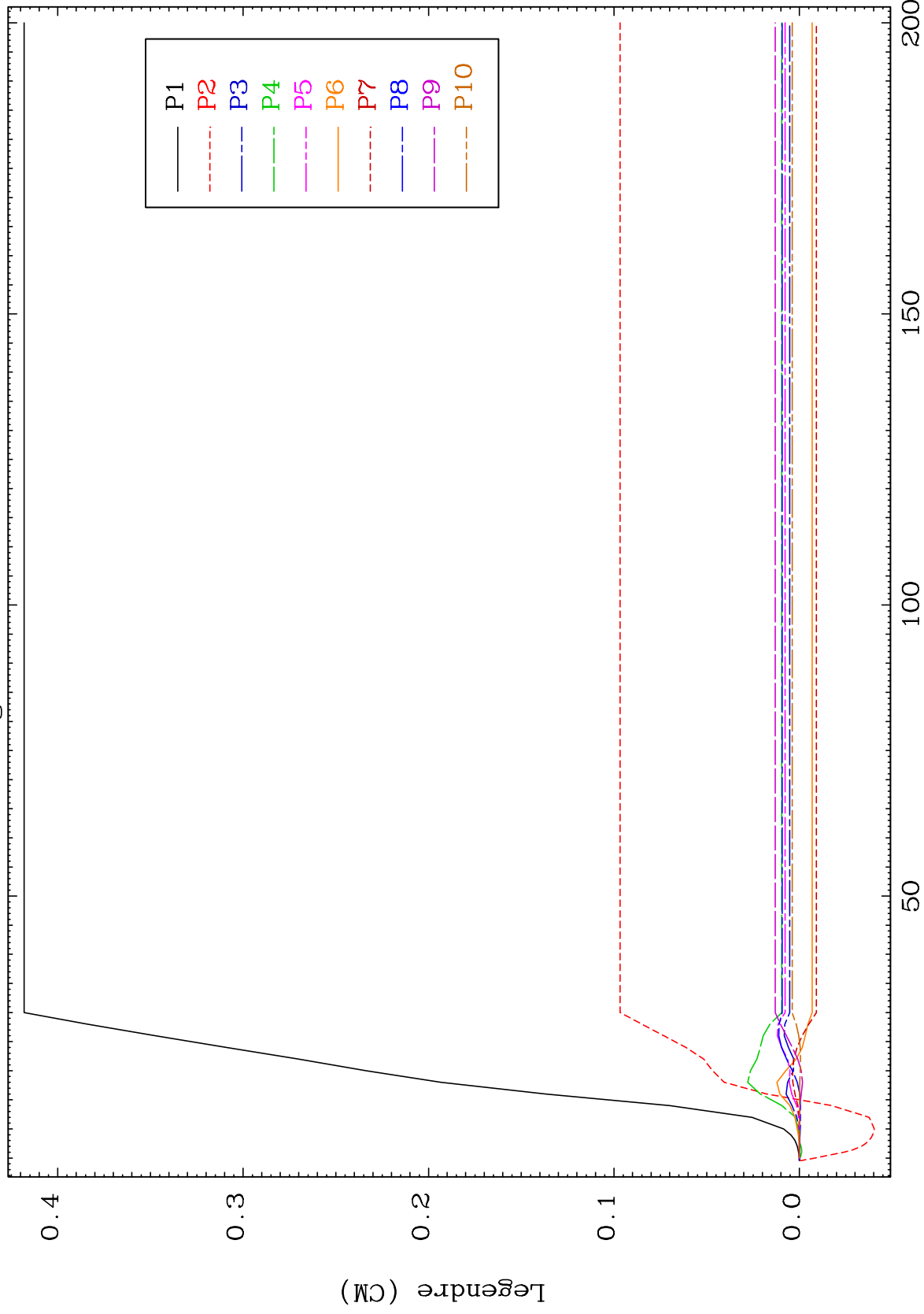
18-Ar-40



MAT 1837

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

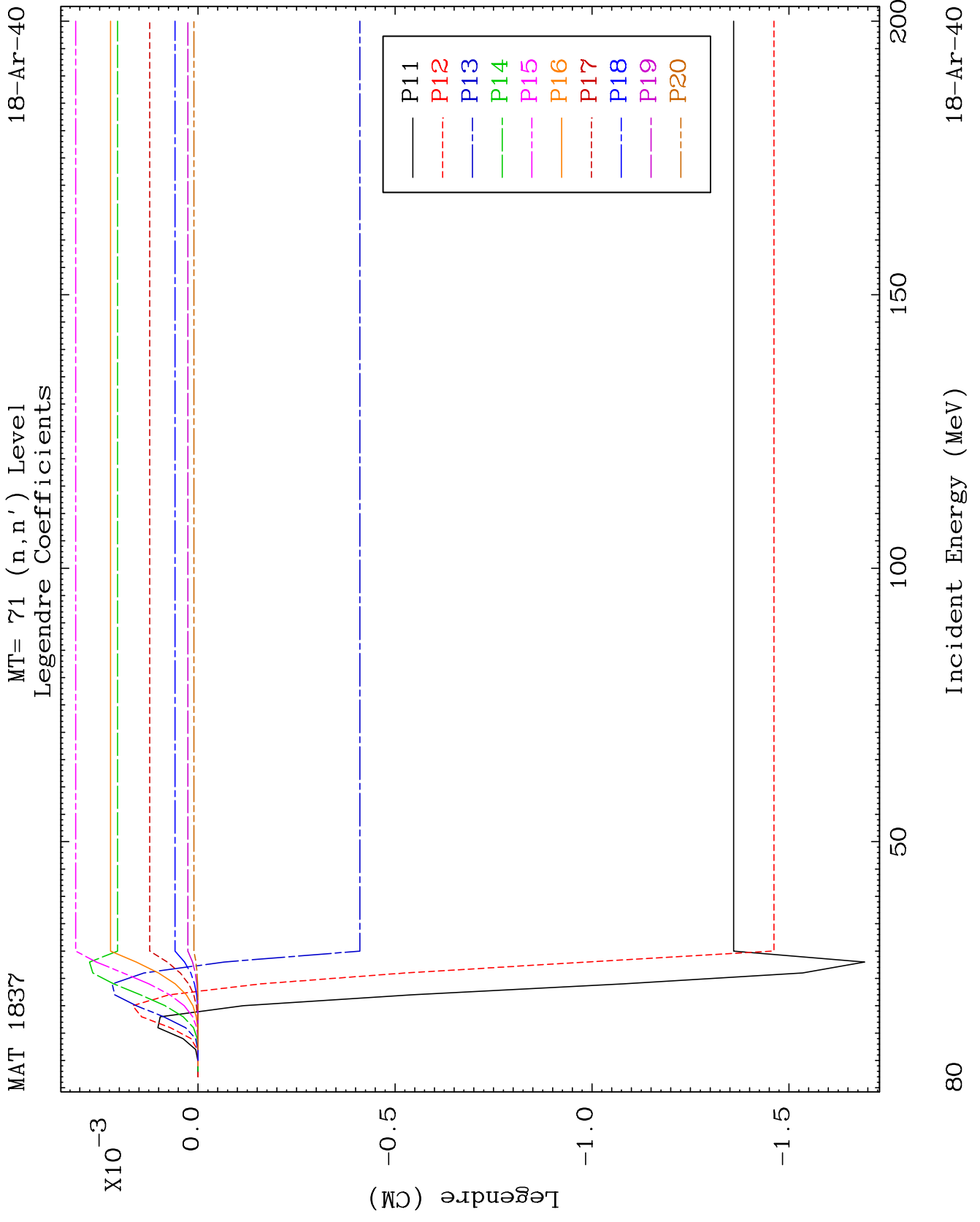
18-Ar-40



79

Incident Energy (MeV)

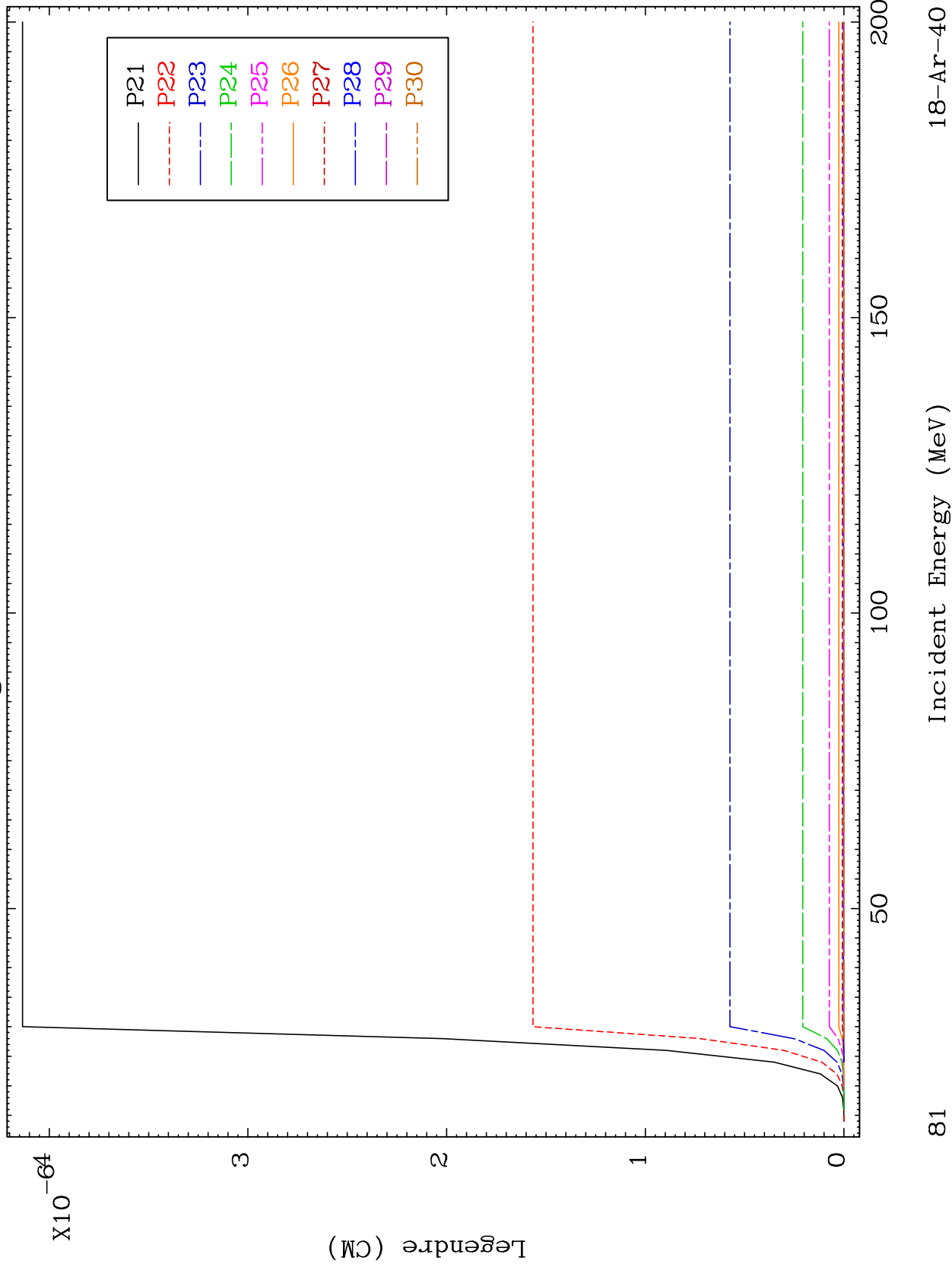
18-Ar-40

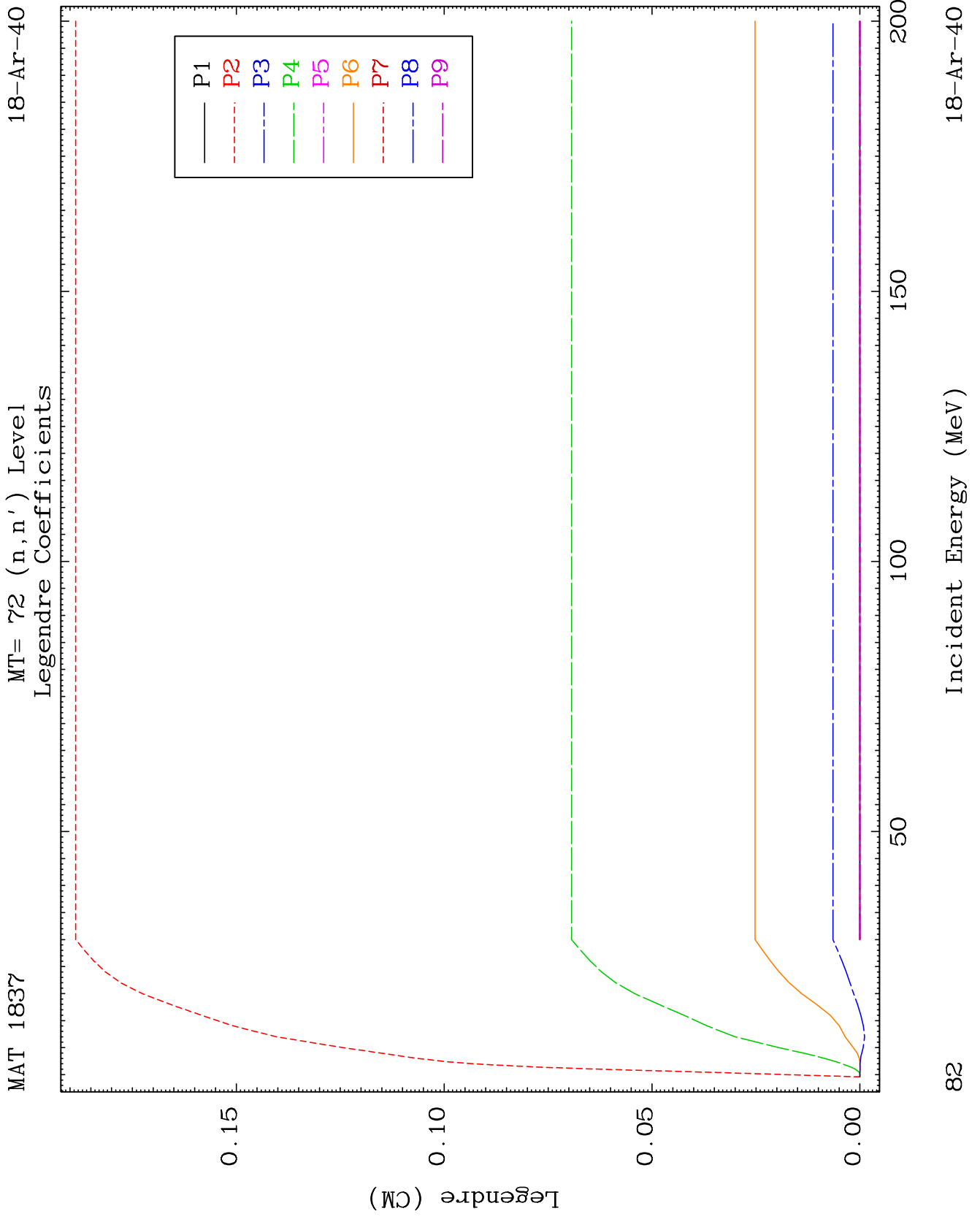


MAT 1837

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

18-Ar-40

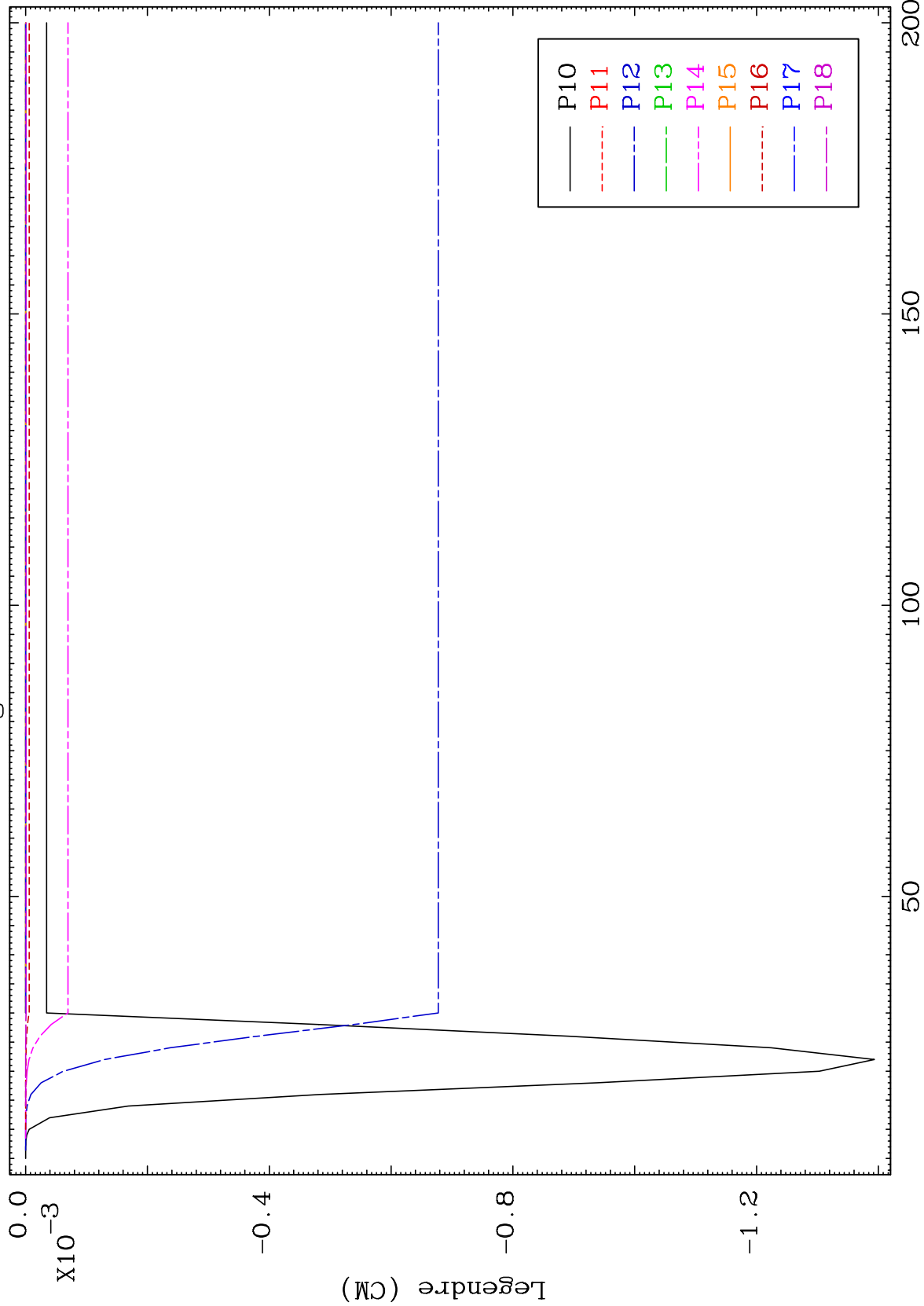




MAT 1837

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

18-Ar-40



83

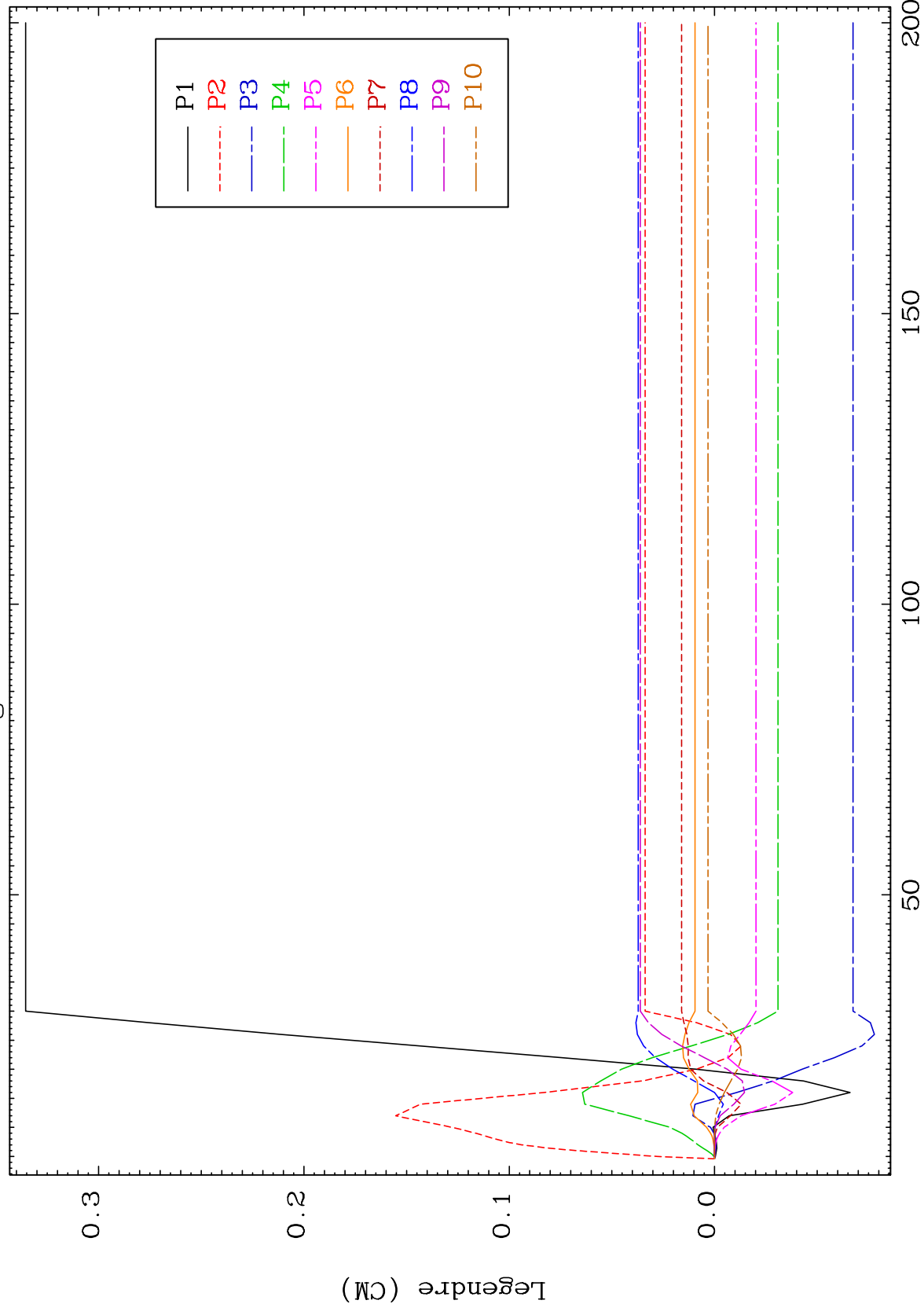
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



85

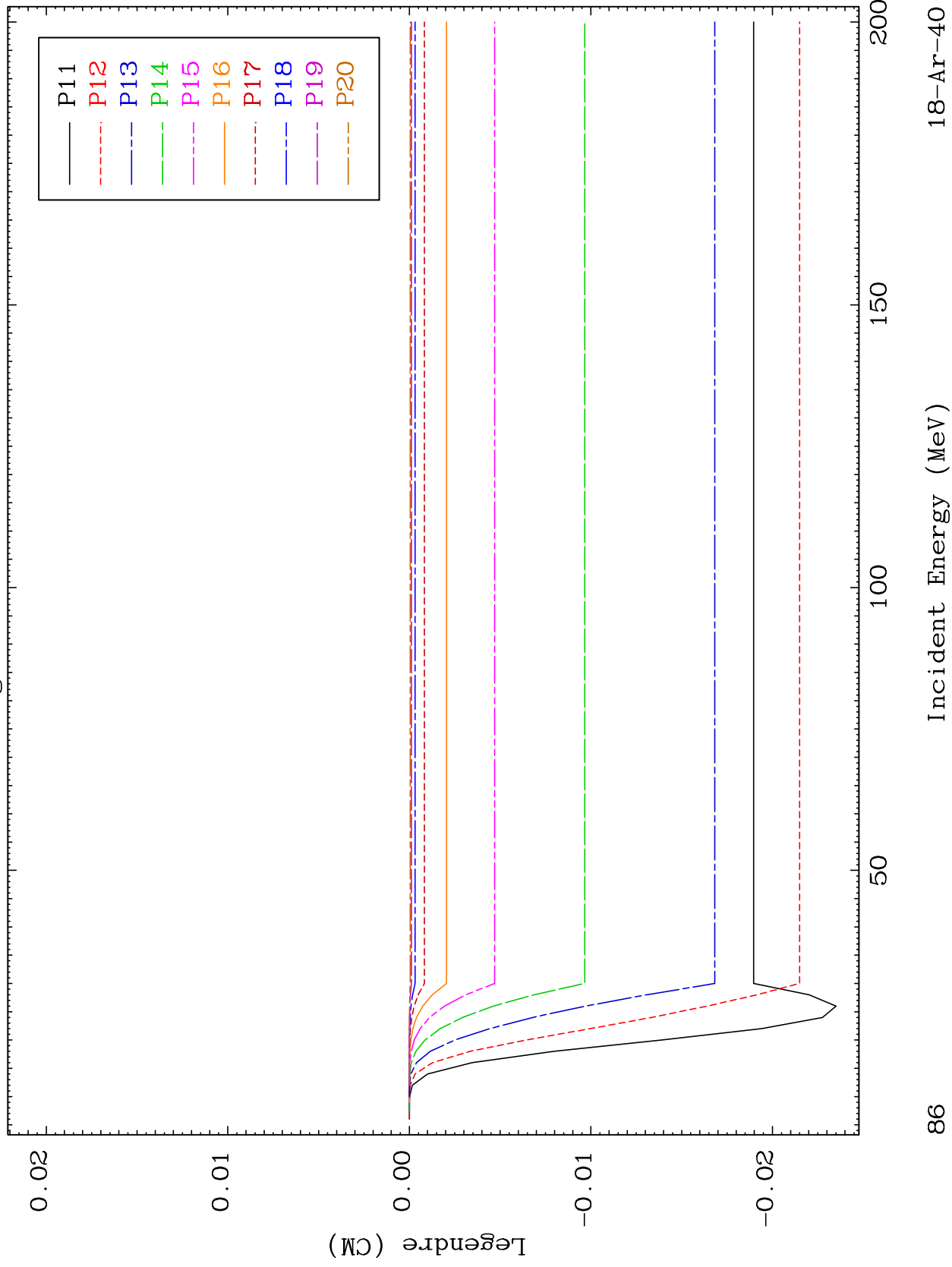
Incident Energy (MeV)

18-Ar-40

MAT 1837

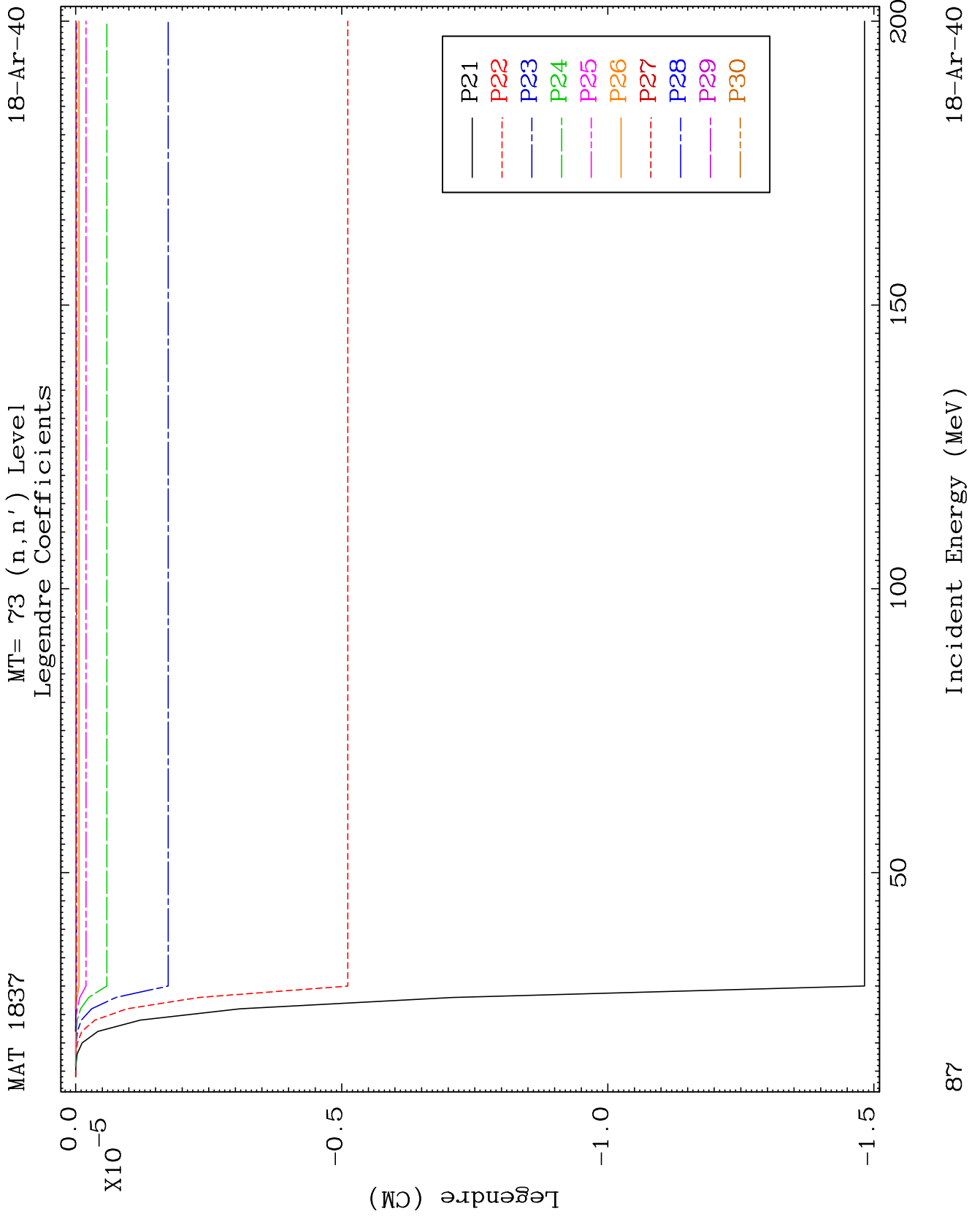
MT= 73 (n,n') Level
Legendre Coefficients

18-Ar-40



86

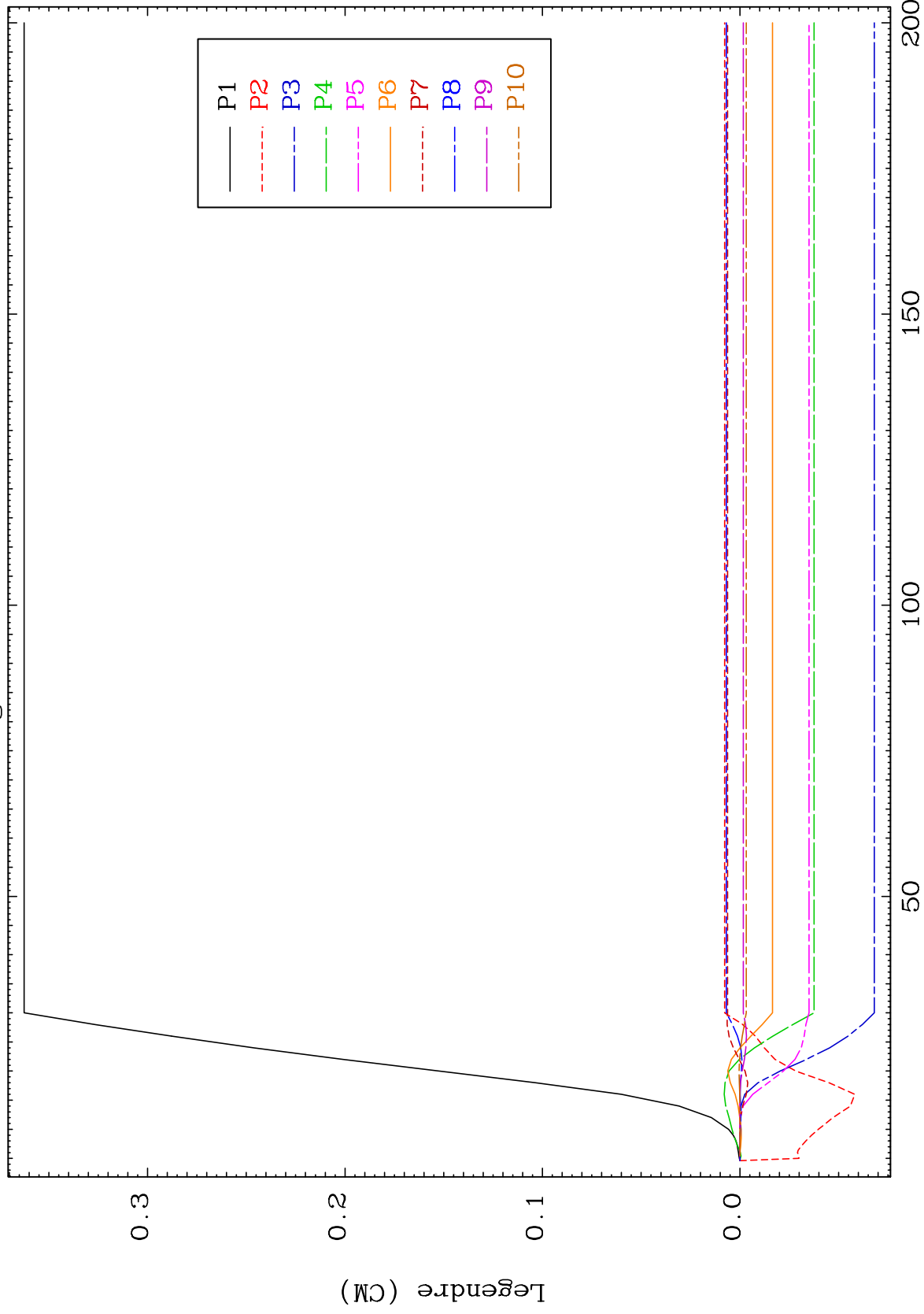
18-Ar-40



MAT 1837

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

18-Ar-40



88

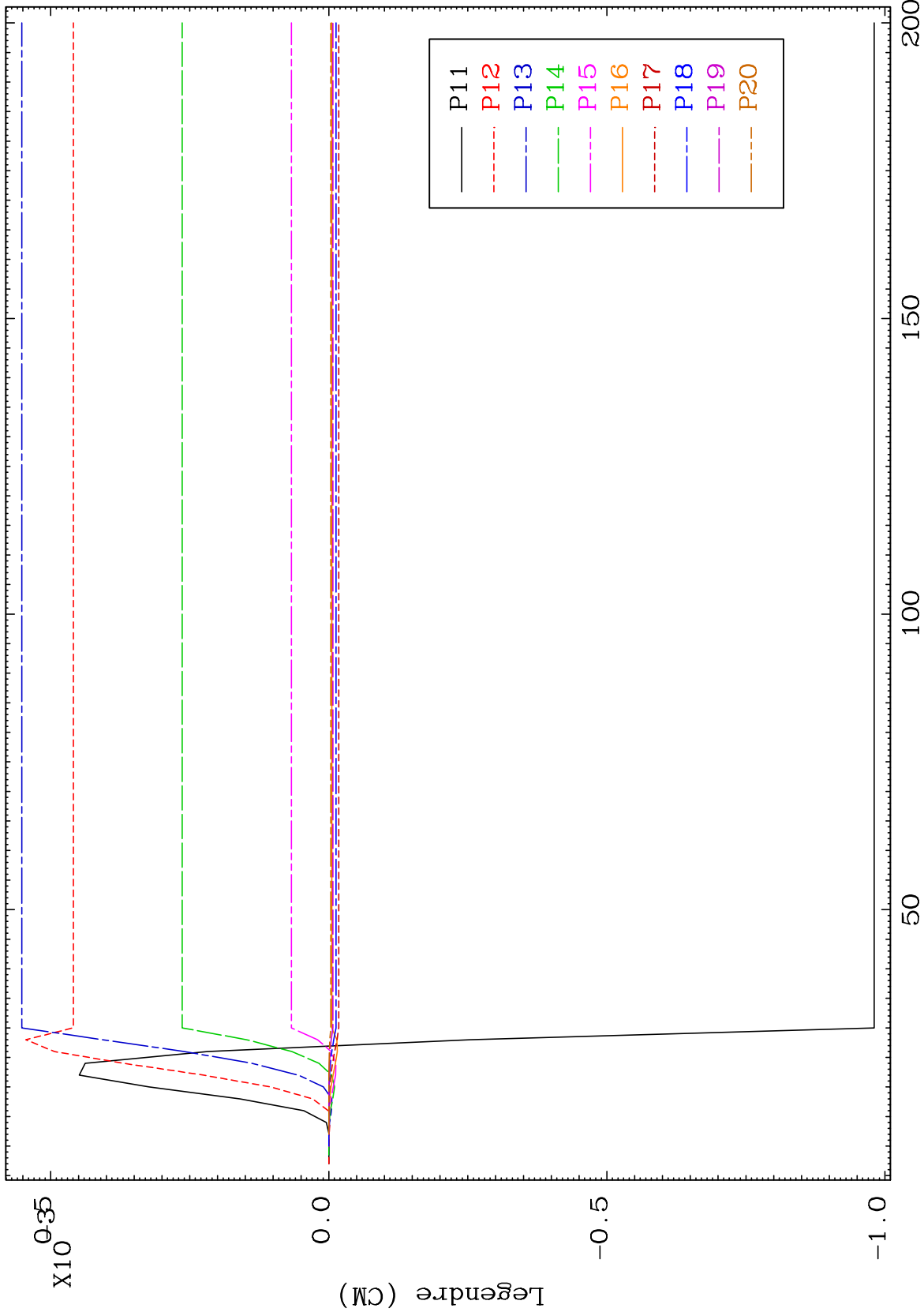
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

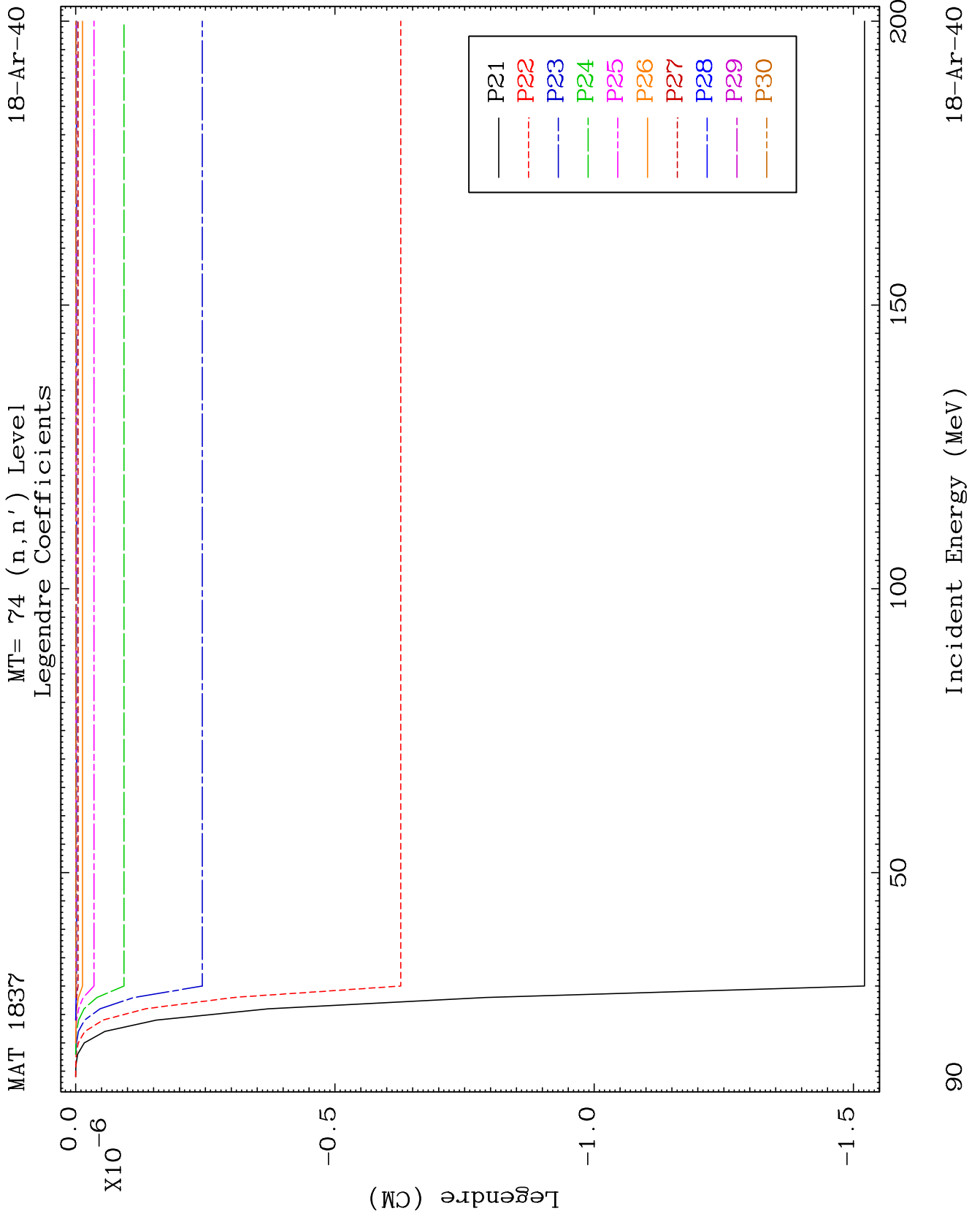
18-Ar-40



89

Incident Energy (MeV)

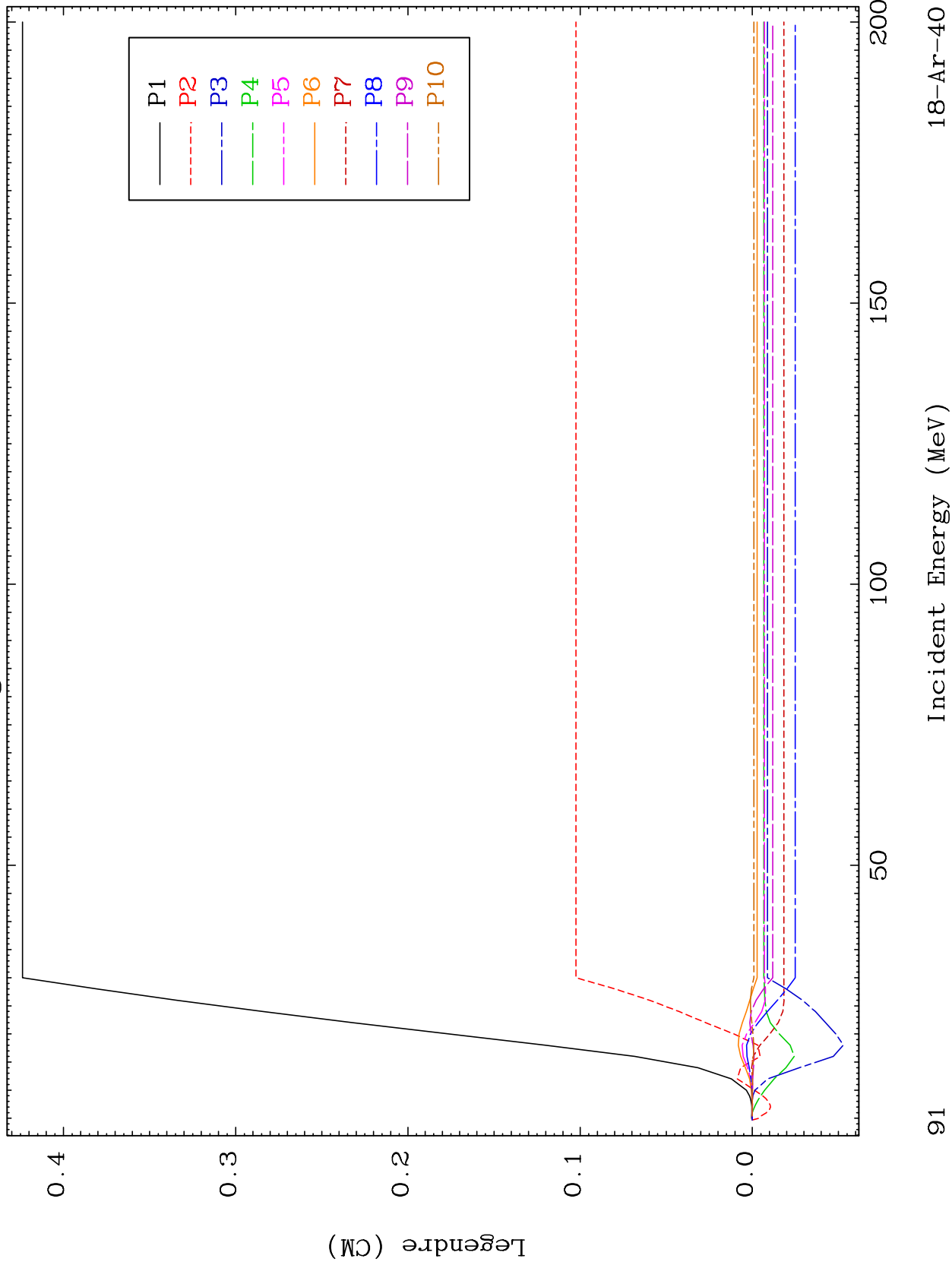
18-Ar-40



MAT 1837

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

18-Ar-40



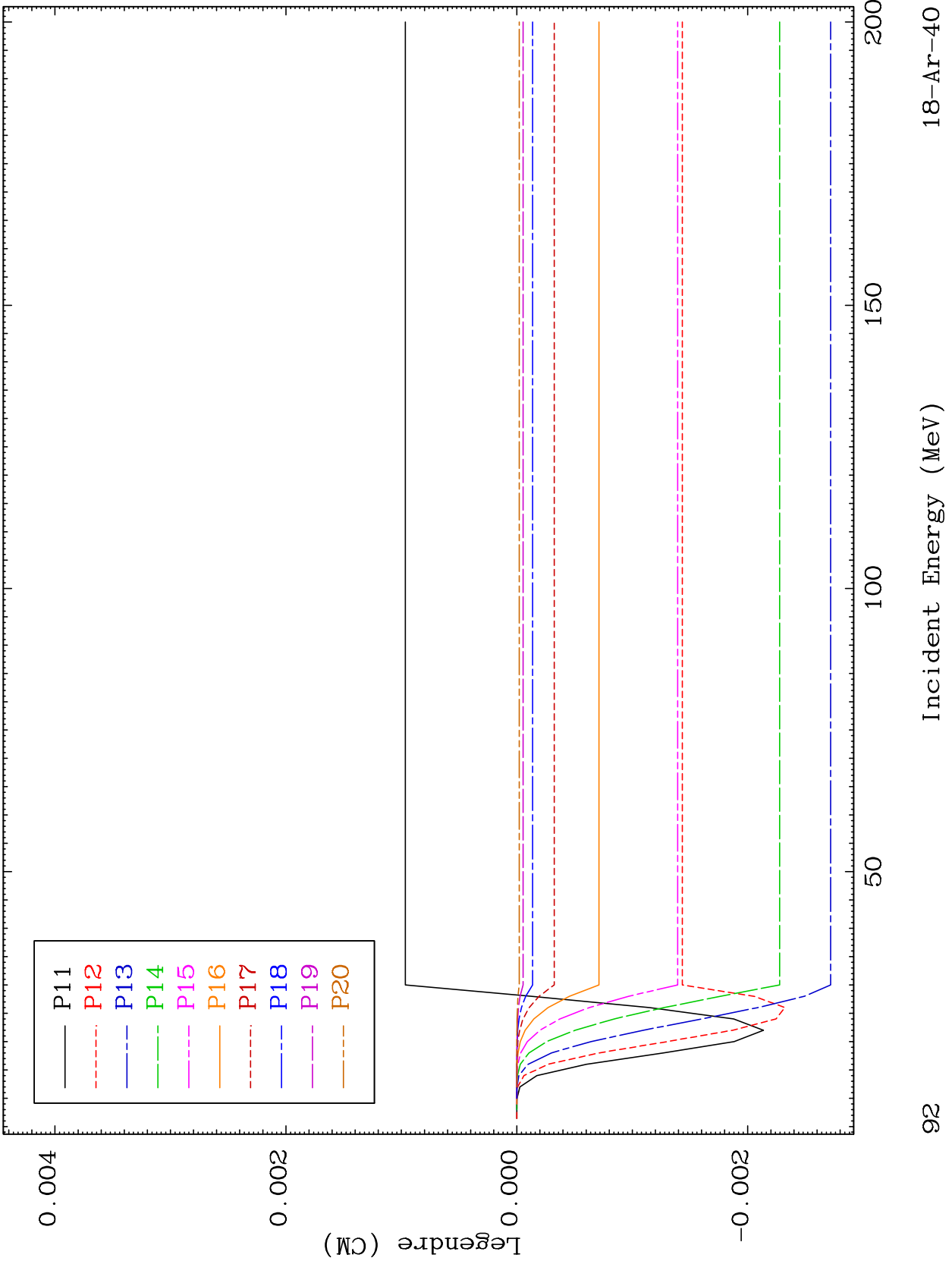
91

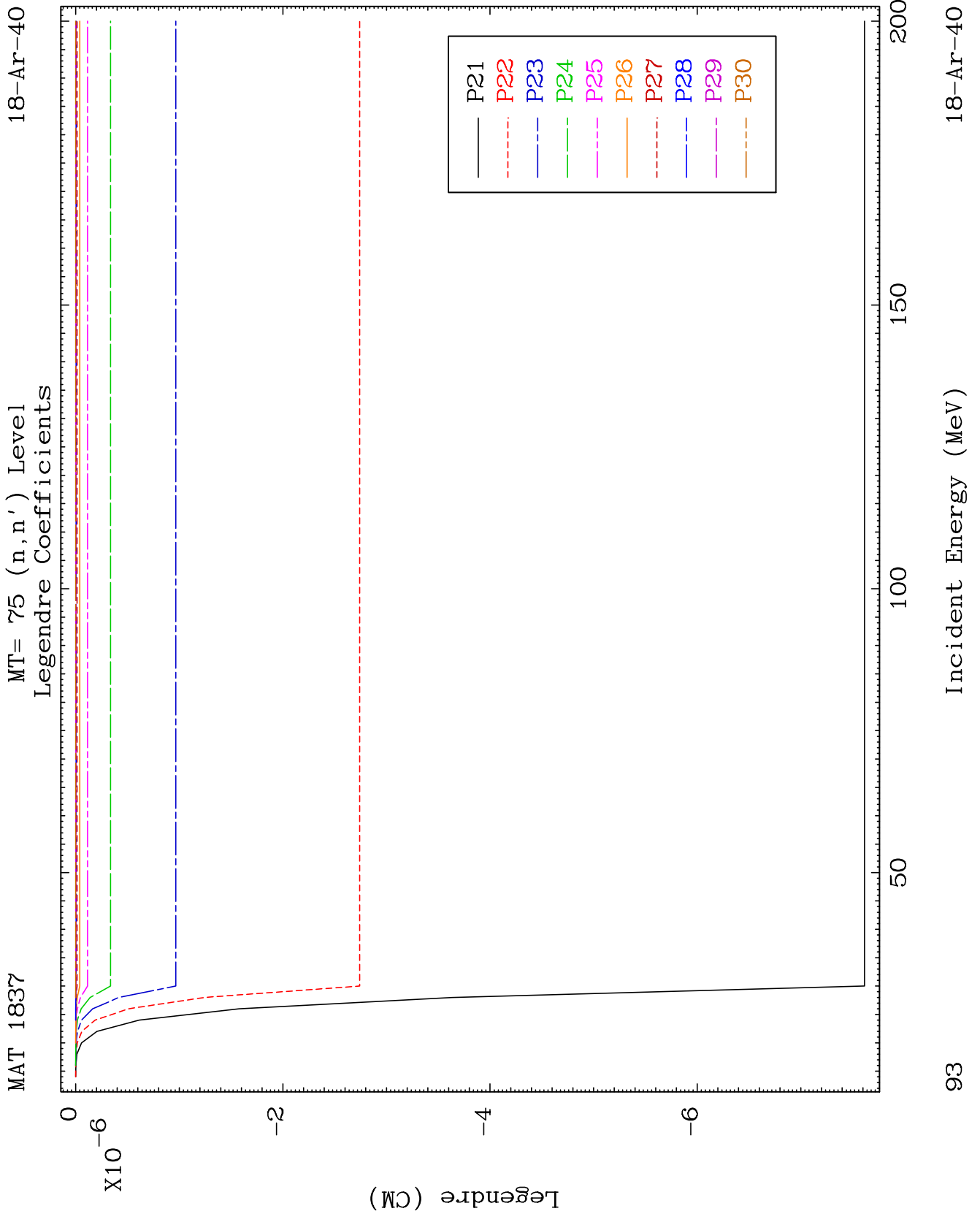
18-Ar-40

MAT 1837

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

18-Ar-40

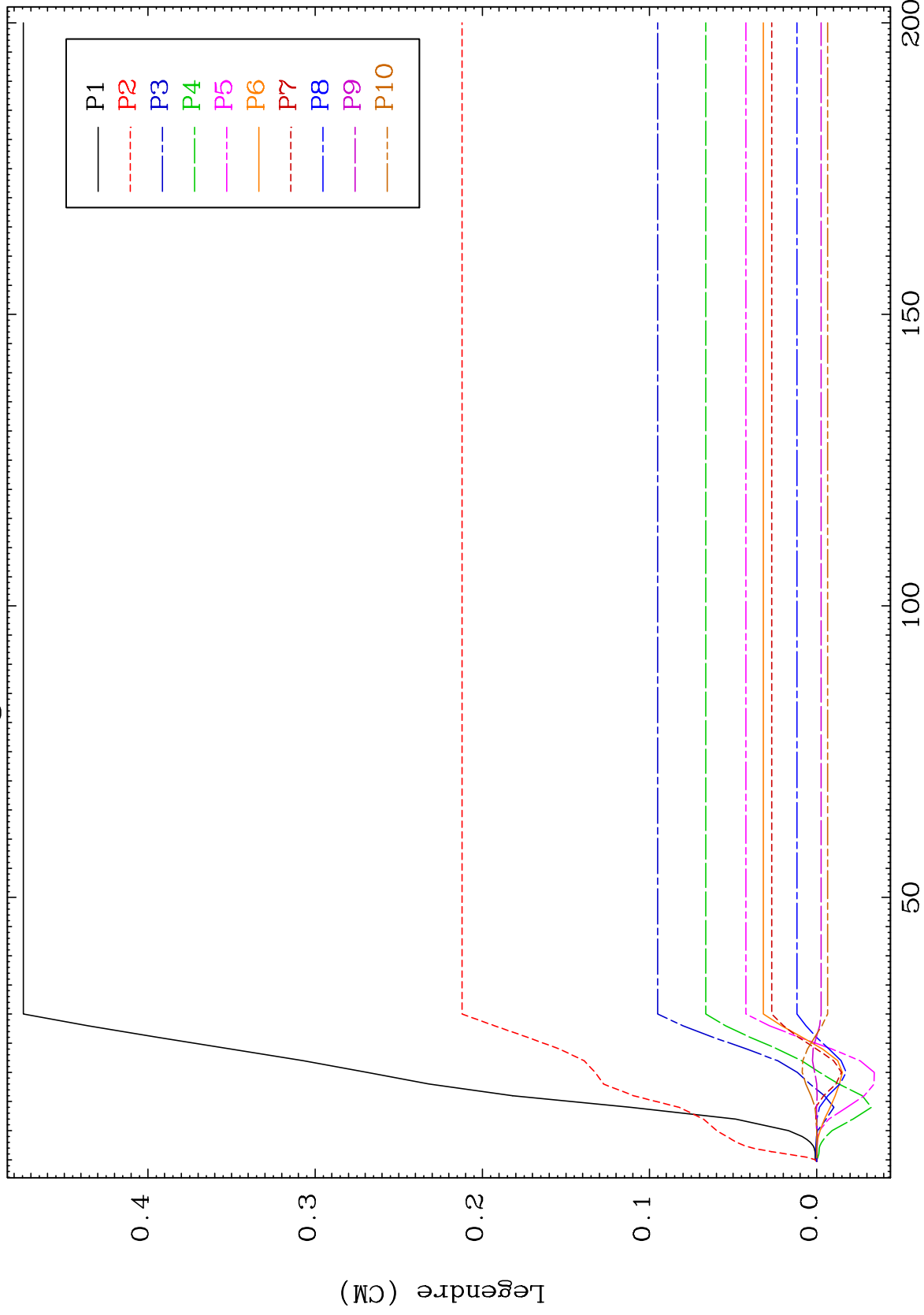




MAT 1837

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

18-Ar-40



94

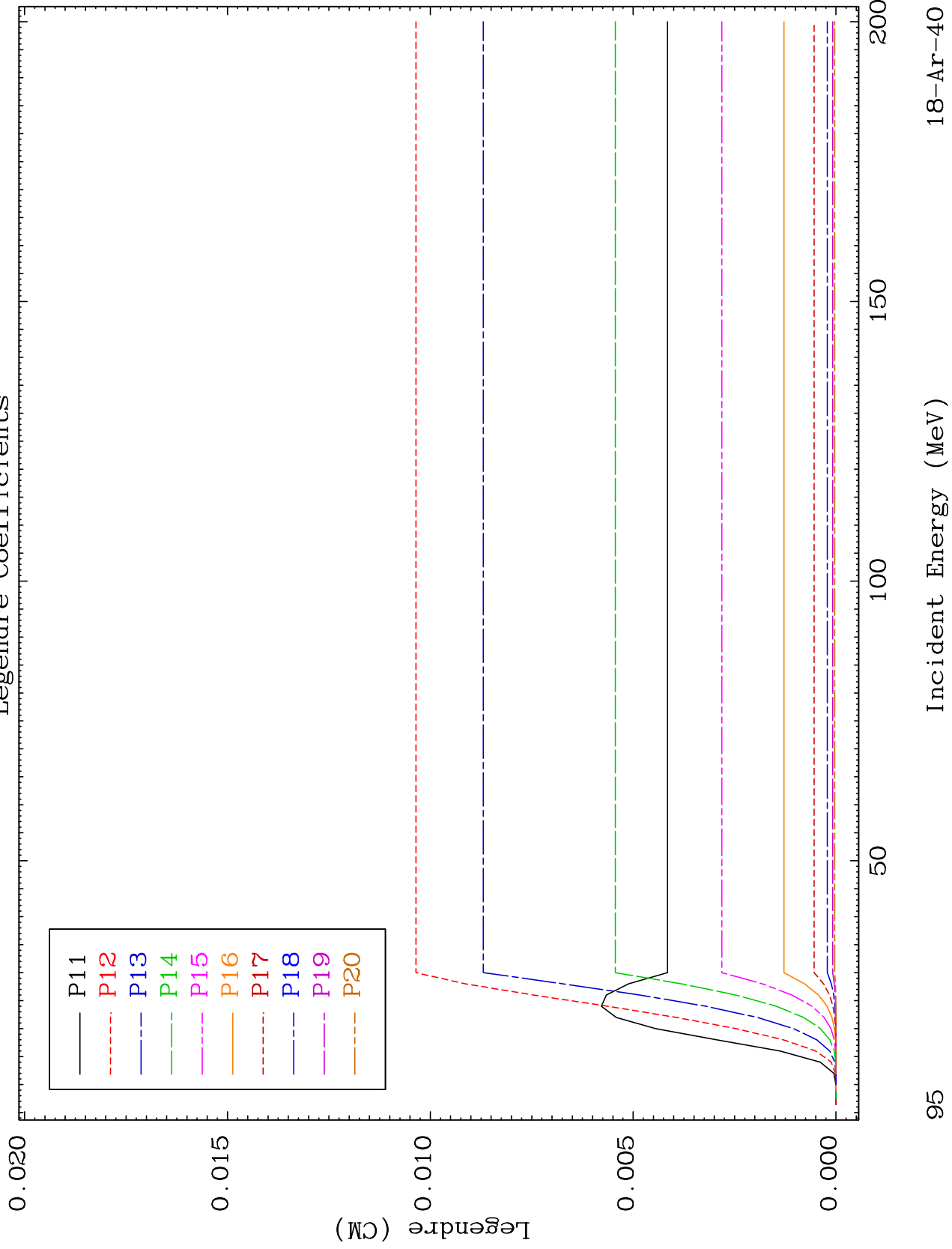
Incident Energy (MeV)

18-Ar-40

MAT 1837

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

18-Ar-40



95

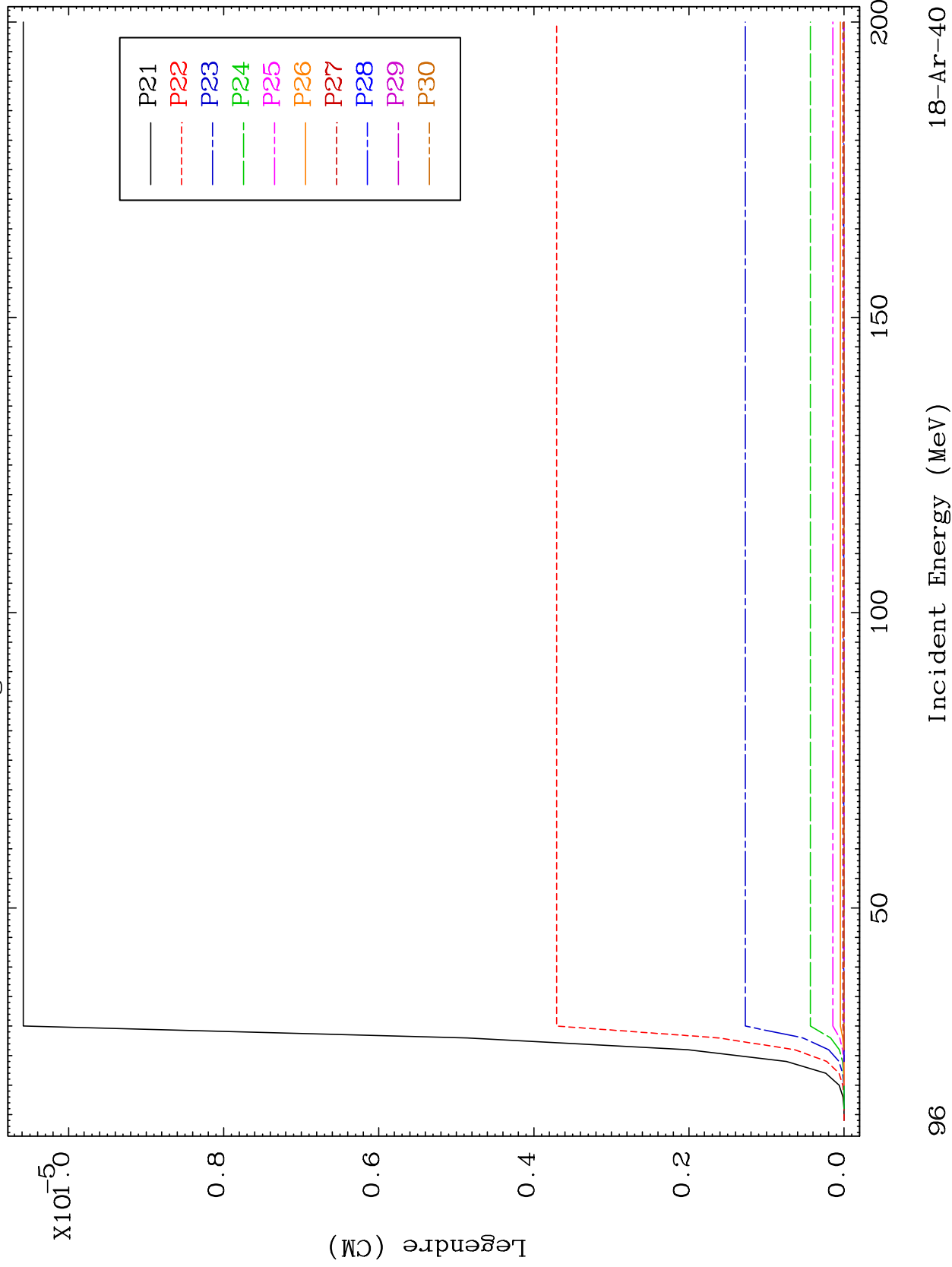
Incident Energy (MeV)

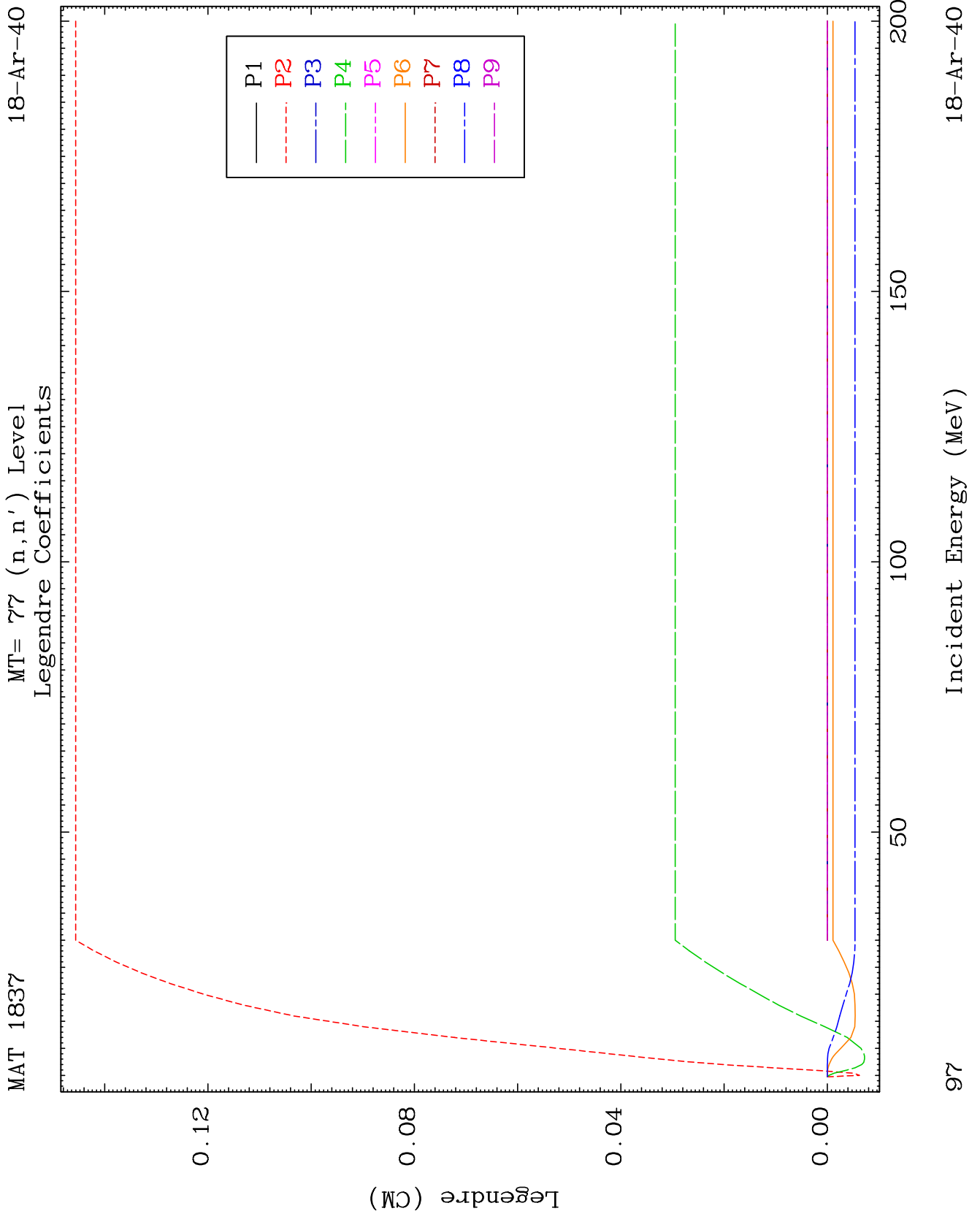
18-Ar-40

MAT 1837

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

18-Ar-40

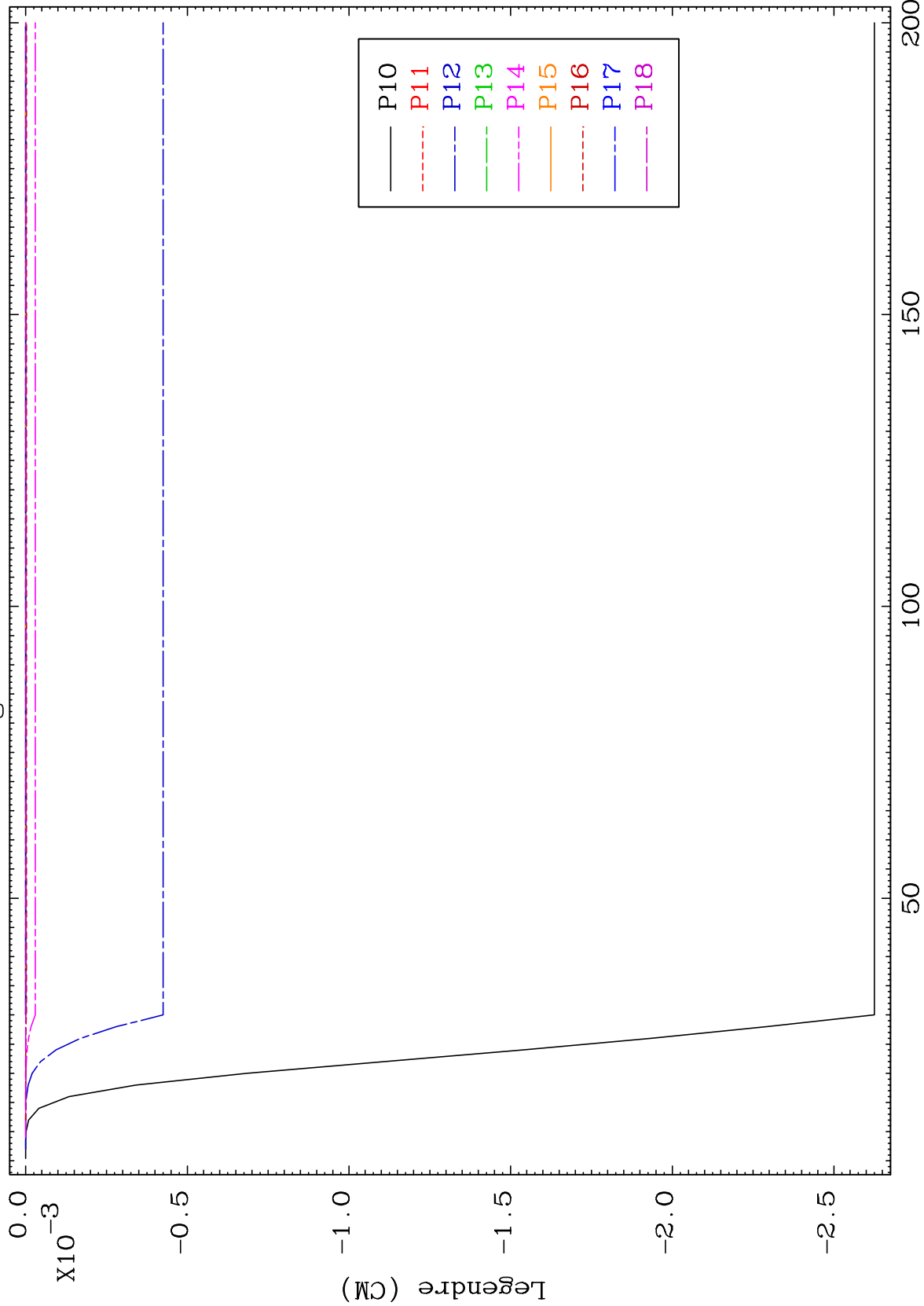




MAT 1837

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

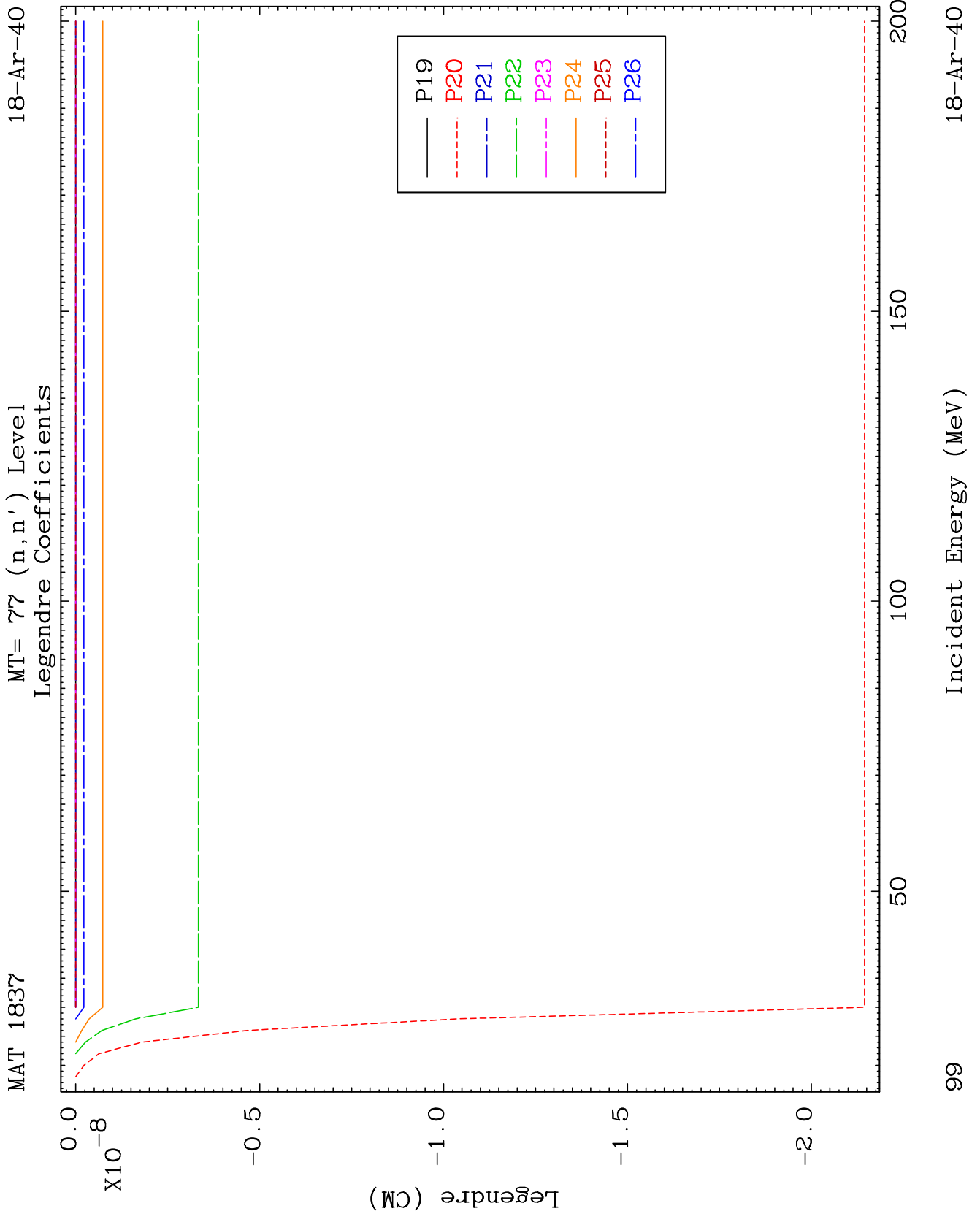
18-Ar-40

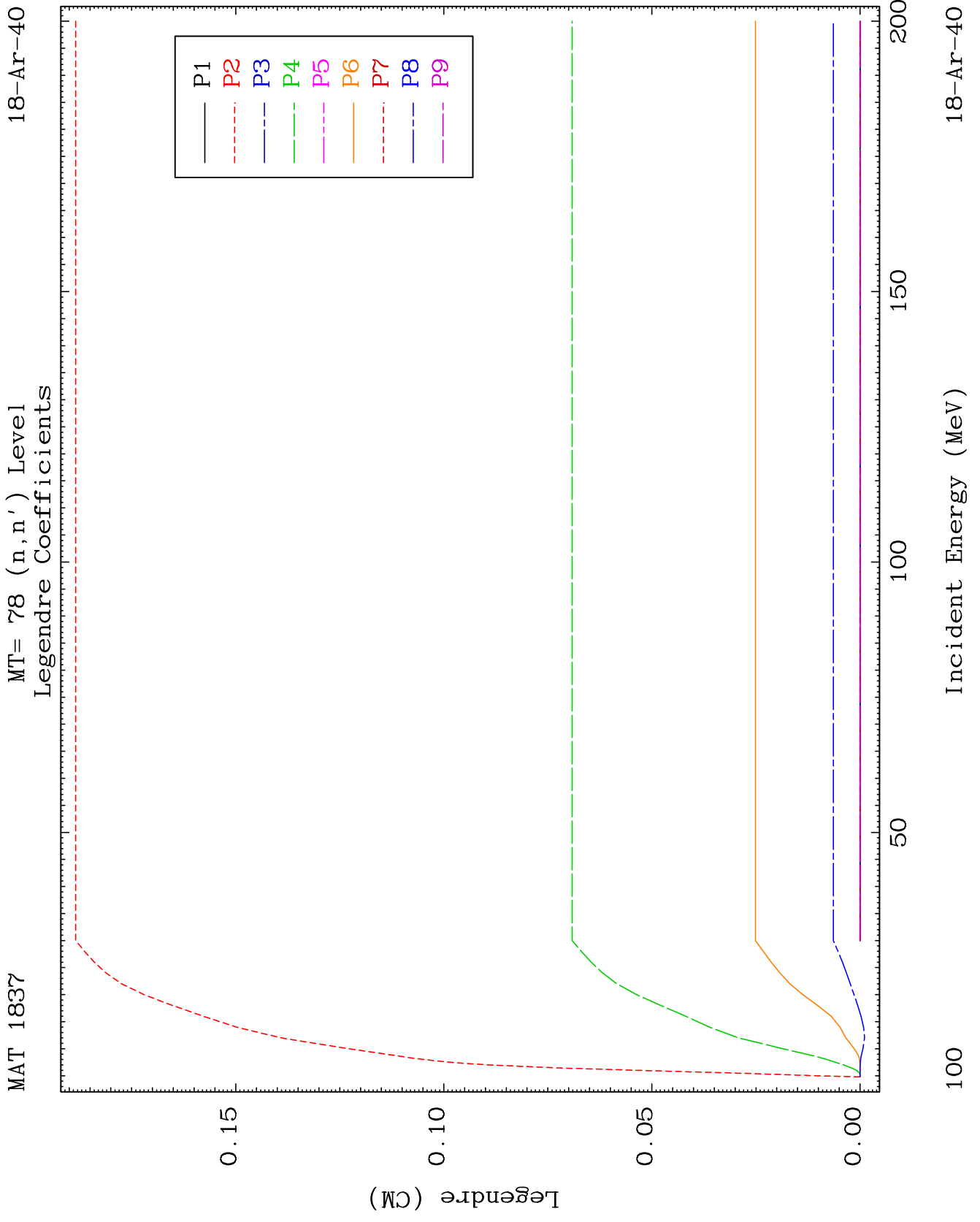


98

Incident Energy (MeV)

18-Ar-40

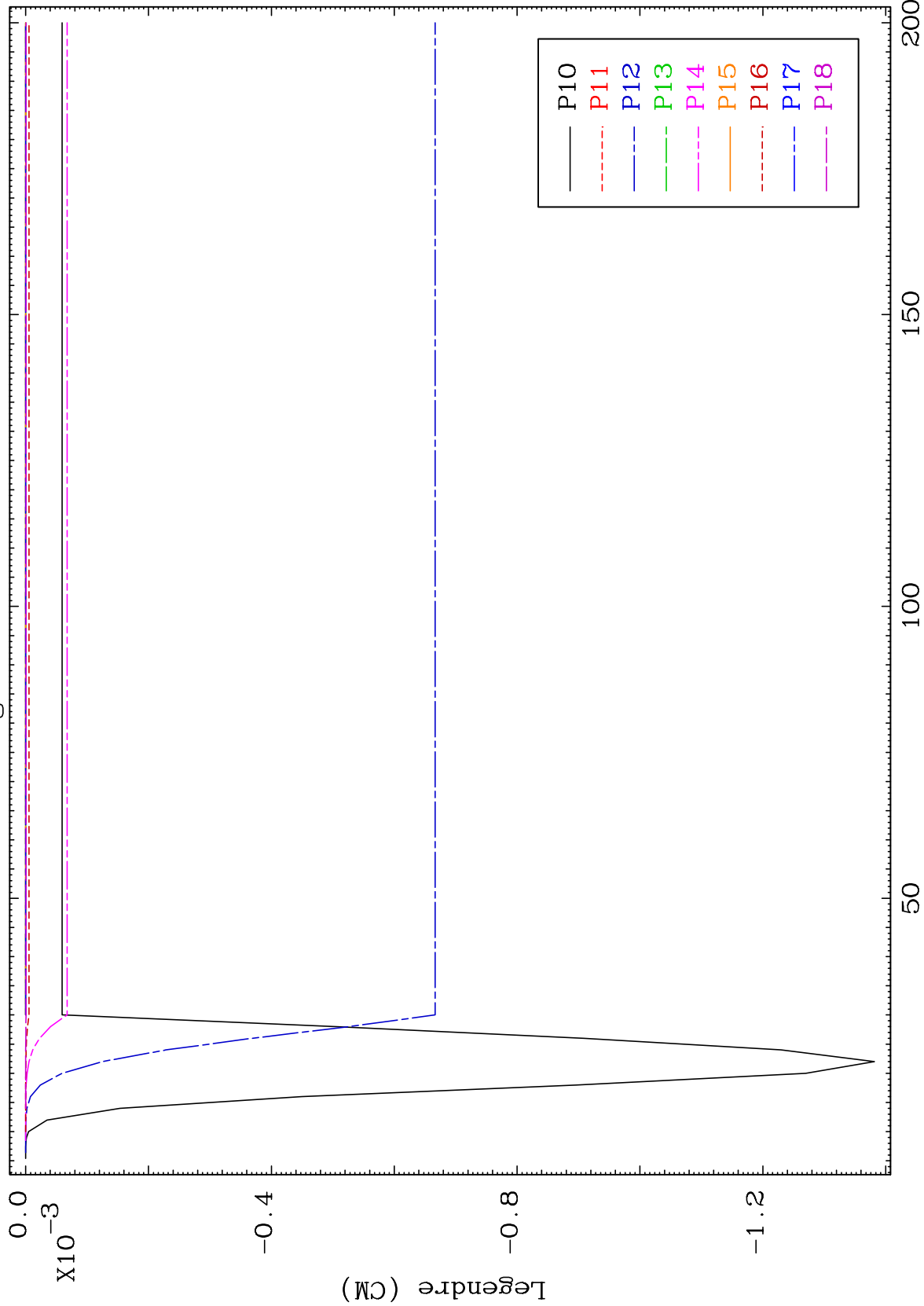




MAT 1837

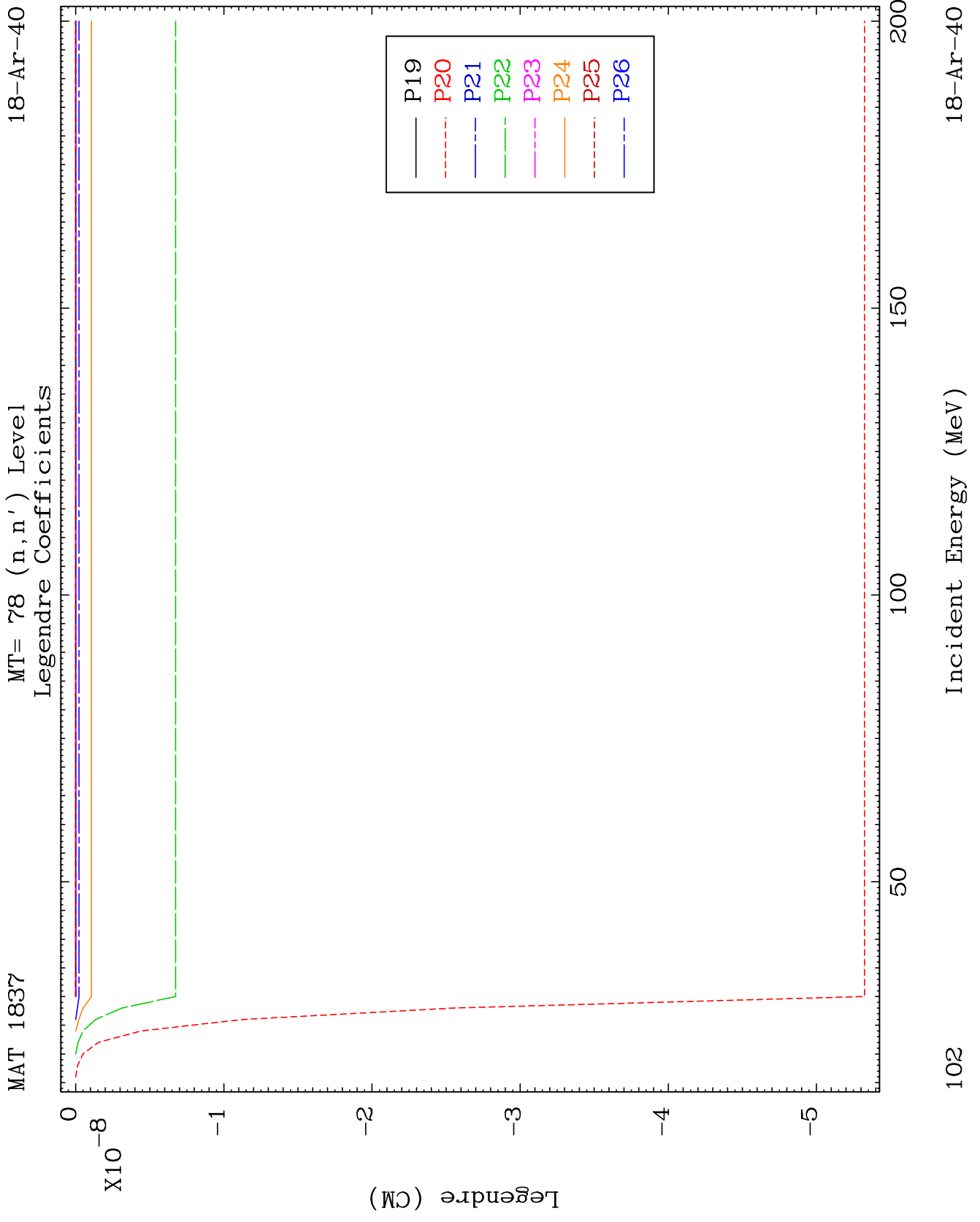
MT= 78 (n,n') Level
Legendre Coefficients

18-Ar-40



101

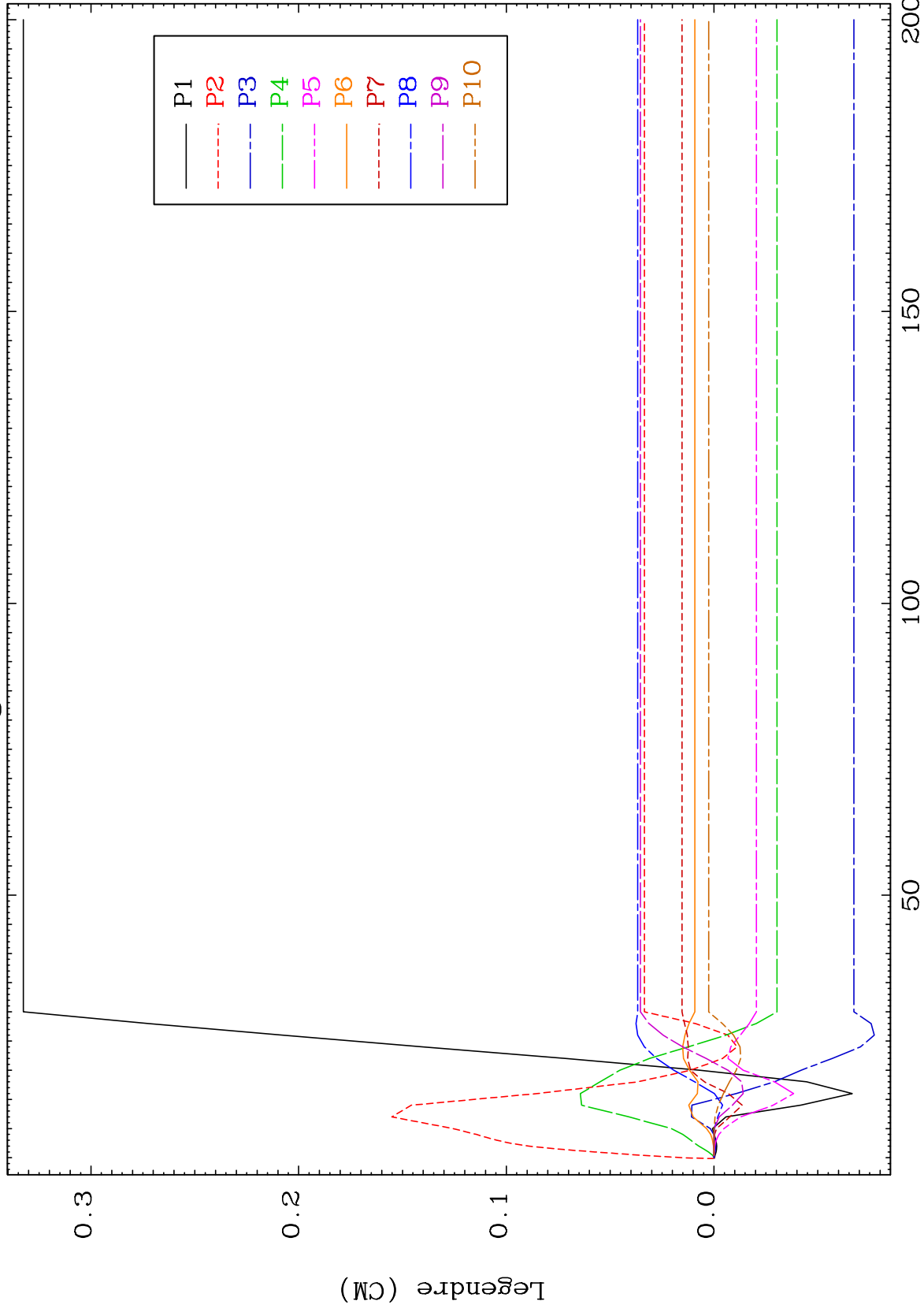
18-Ar-40



MAT 1837

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

18-Ar-40



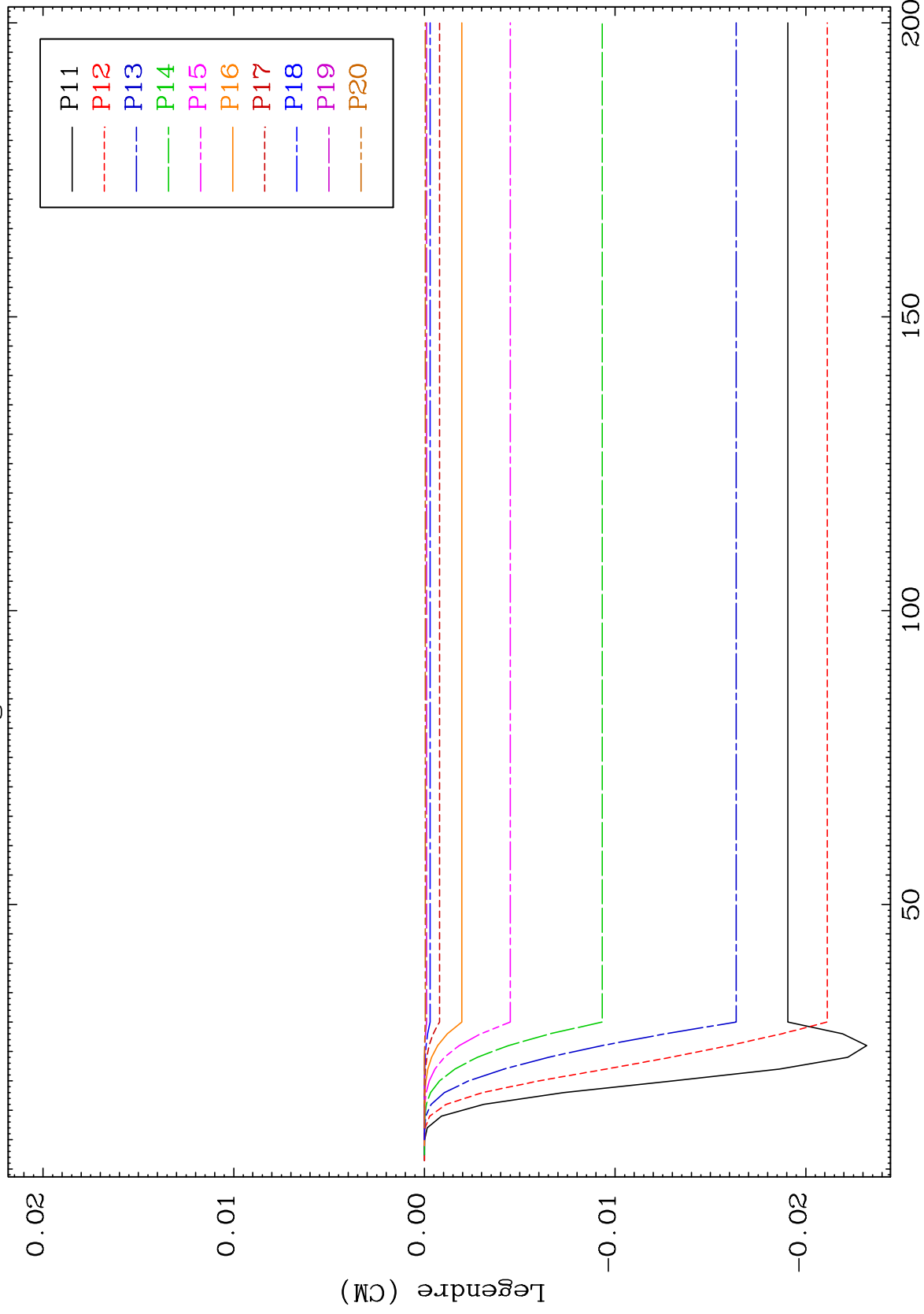
103

18-Ar-40

MAT 1837

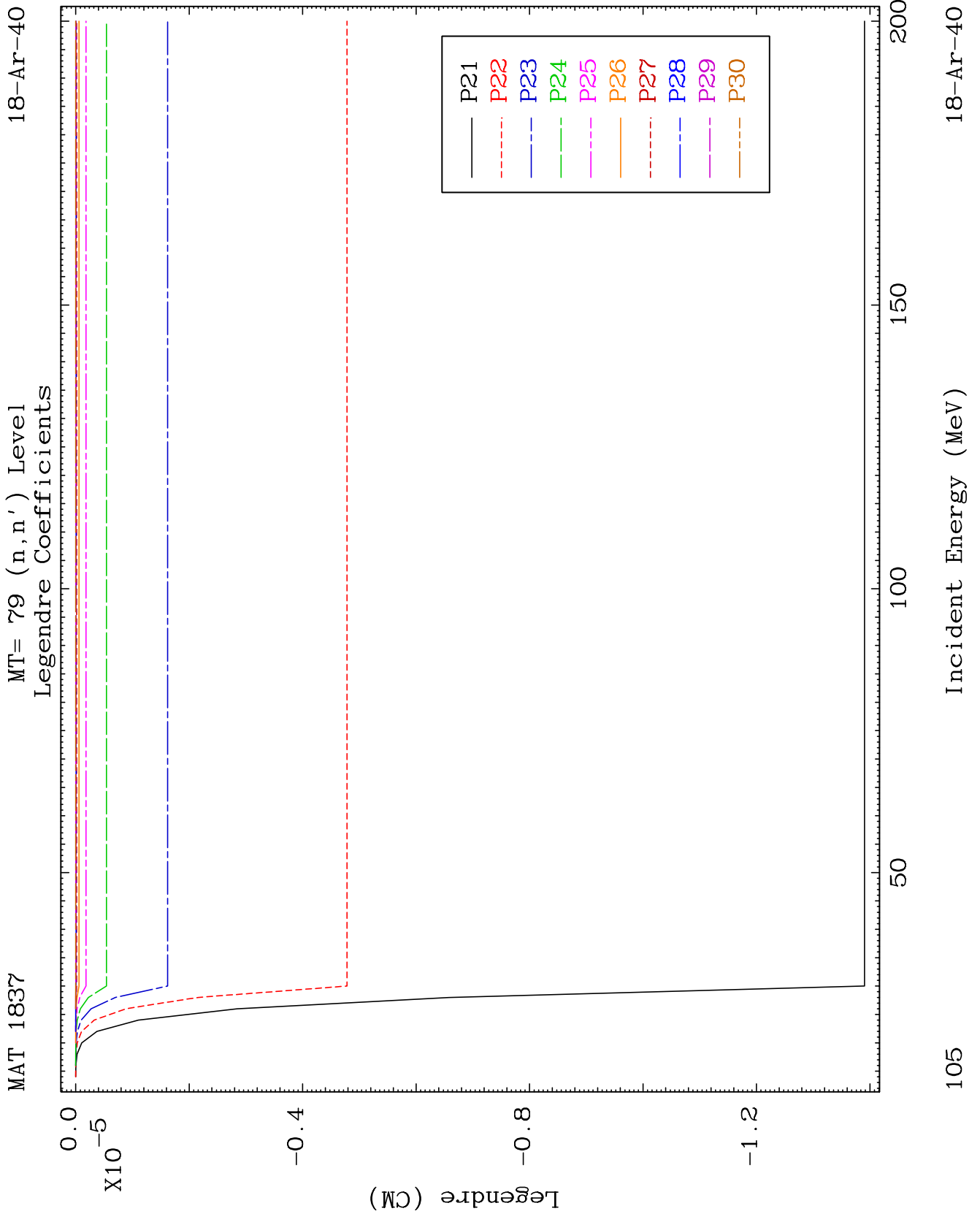
MT= 79 (n,n') Level
Legendre Coefficients

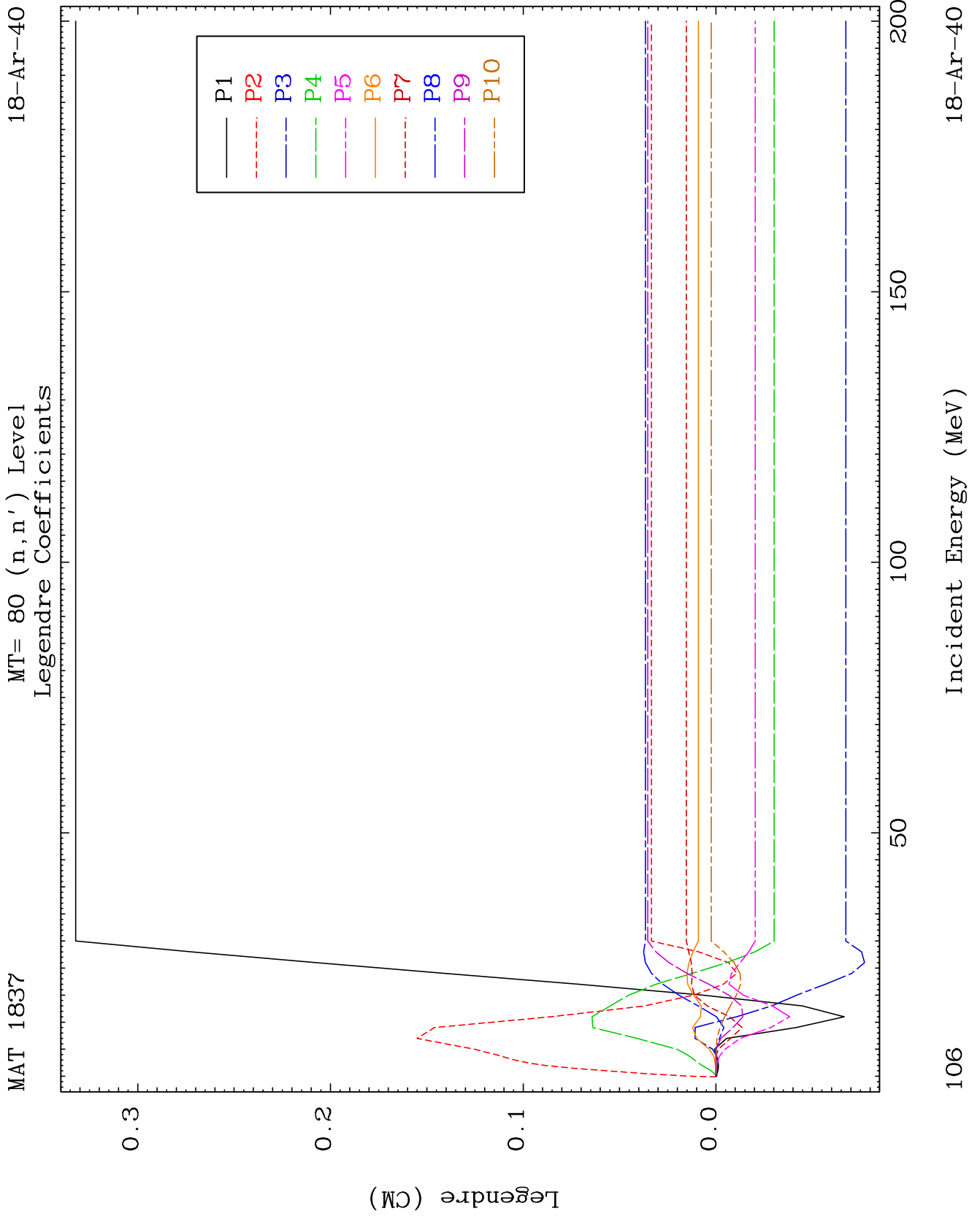
18-Ar-40



104

18-Ar-40

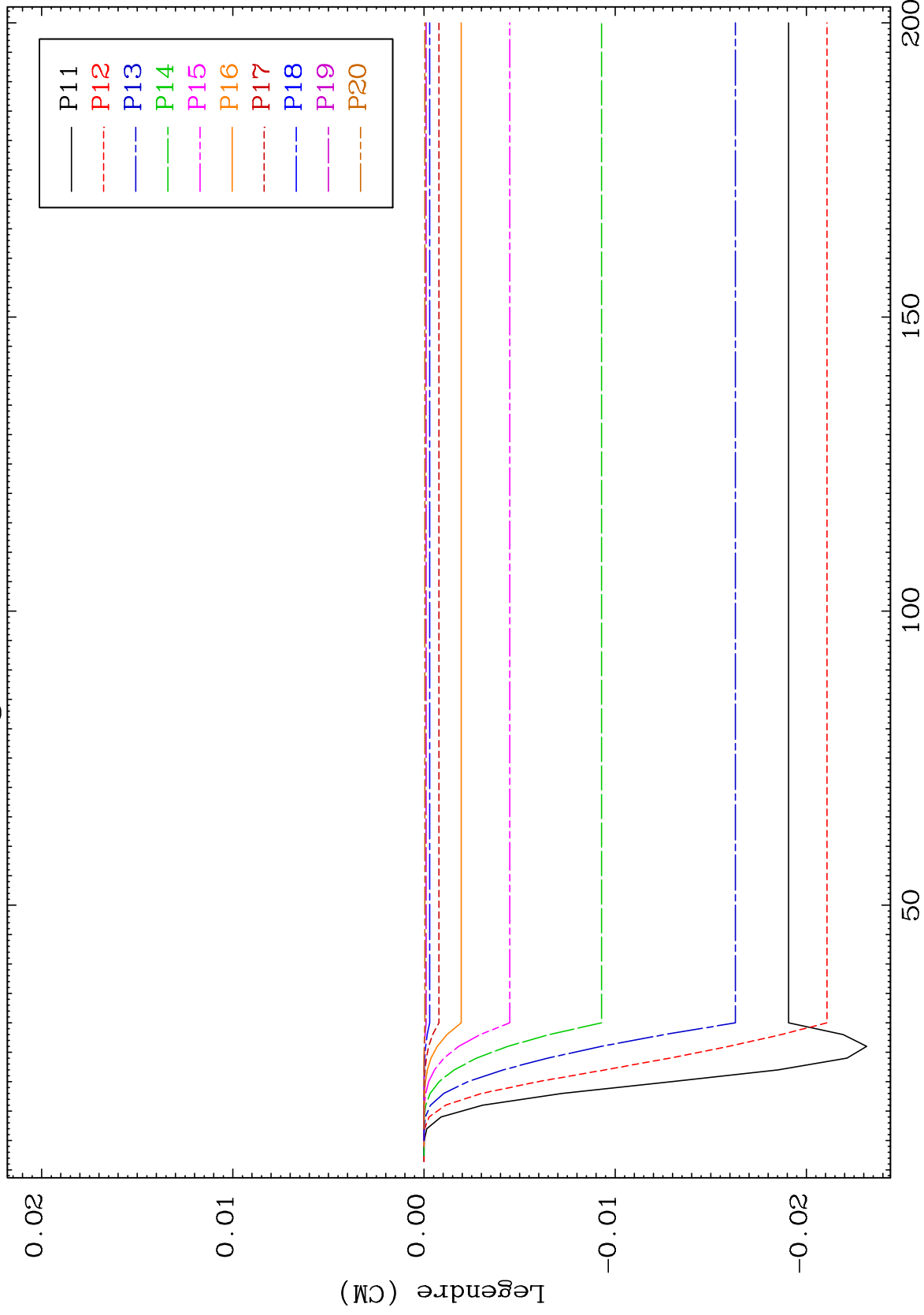




MAT 1837

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

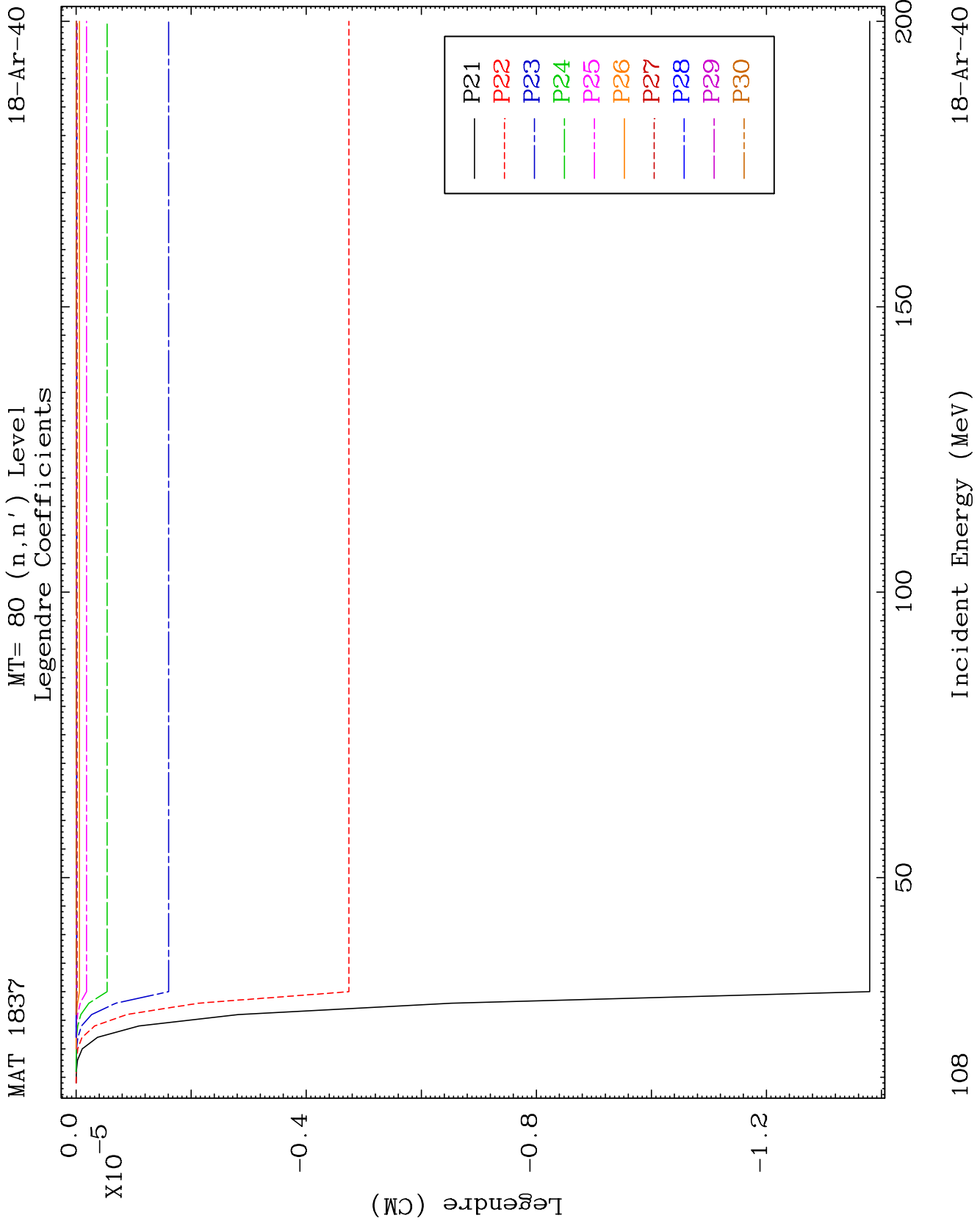
18-Ar-40



107

Incident Energy (MeV)

18-Ar-40

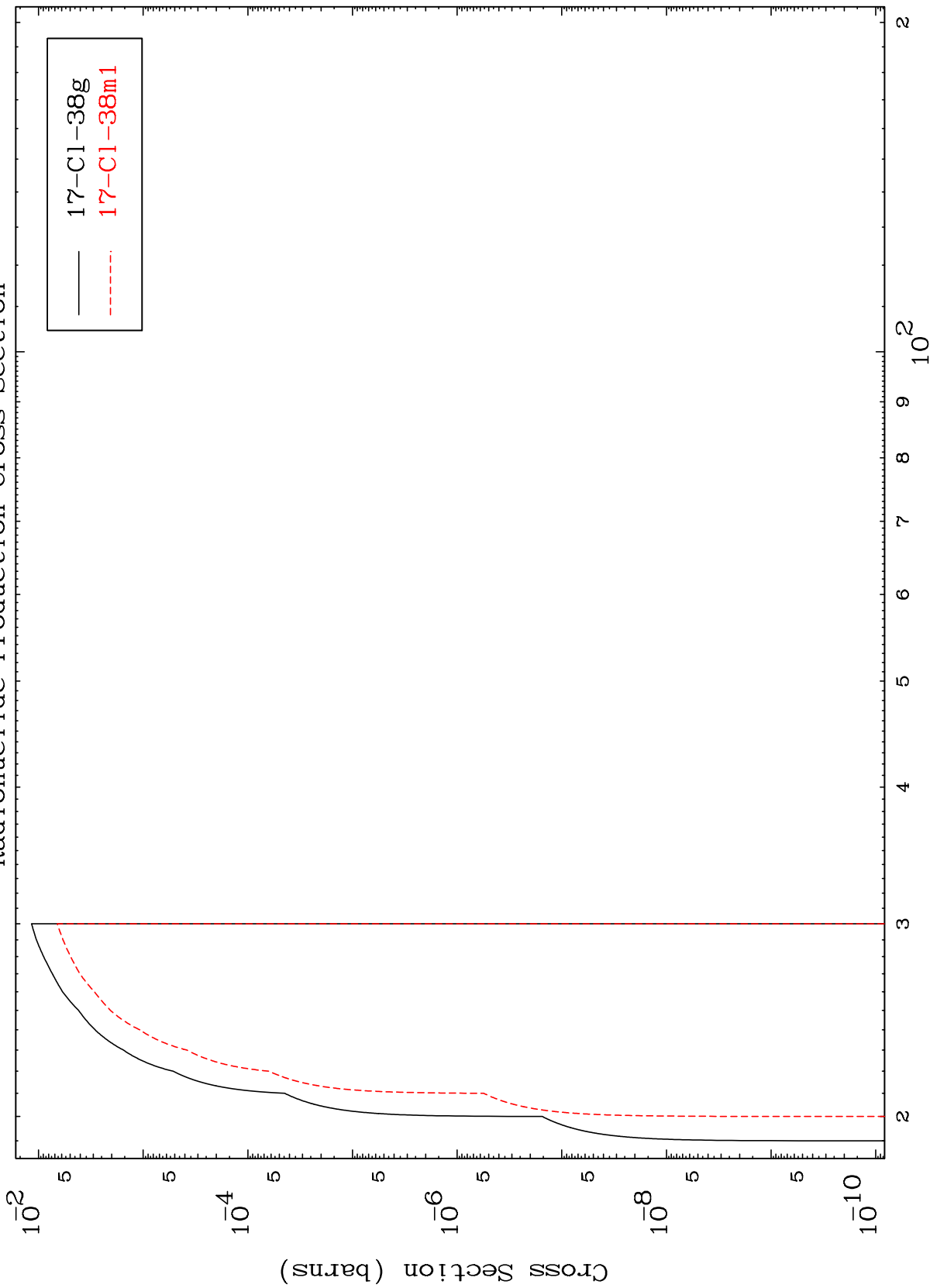


MAT 1837

(n,n') d

18-Ar-40

Radionuclide Production Cross Section



109

Incident Energy (MeV)

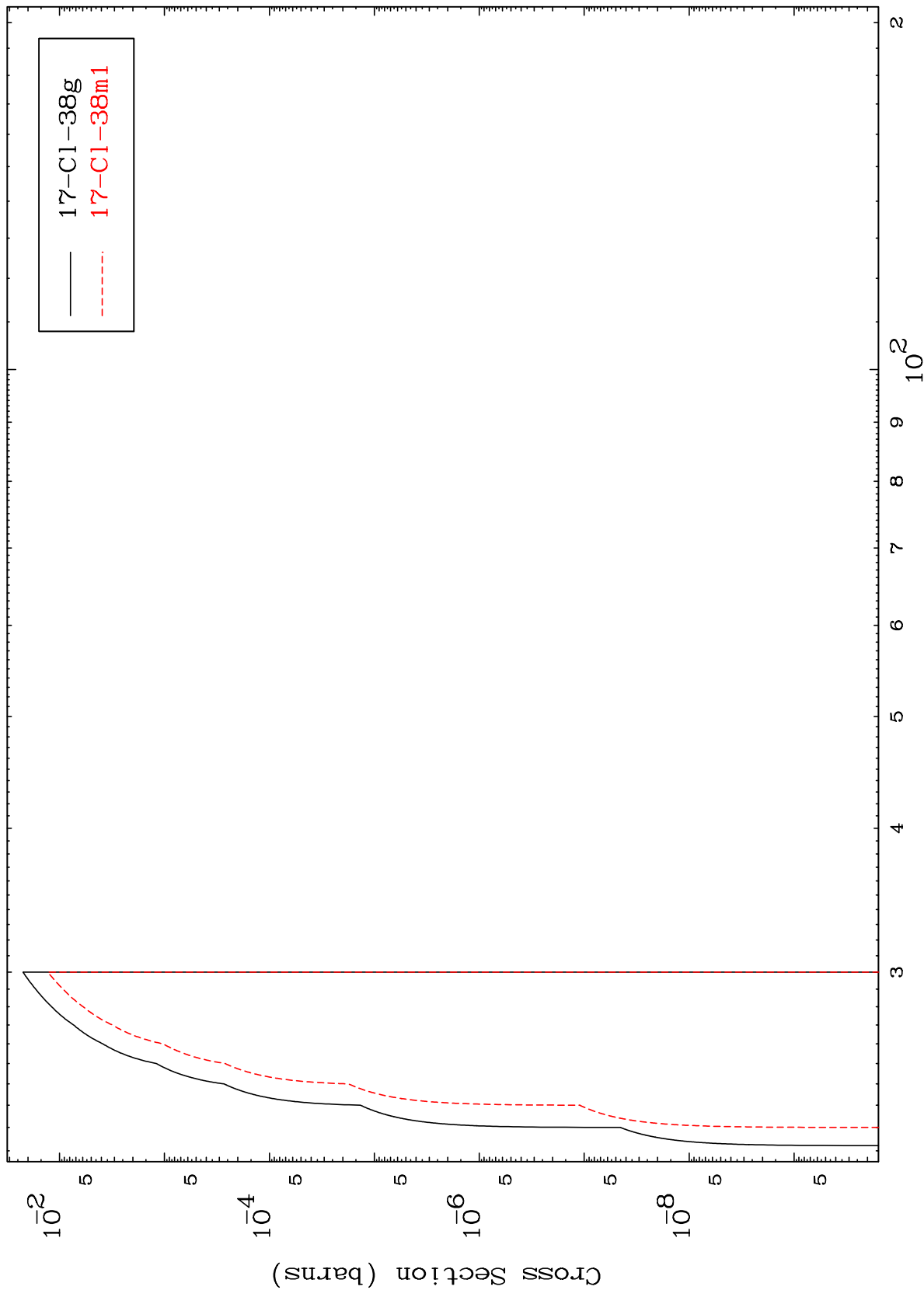
18-Ar-40

MAT 1837

(n,2n) p

18-Ar-40

Radionuclide Production Cross Section



110

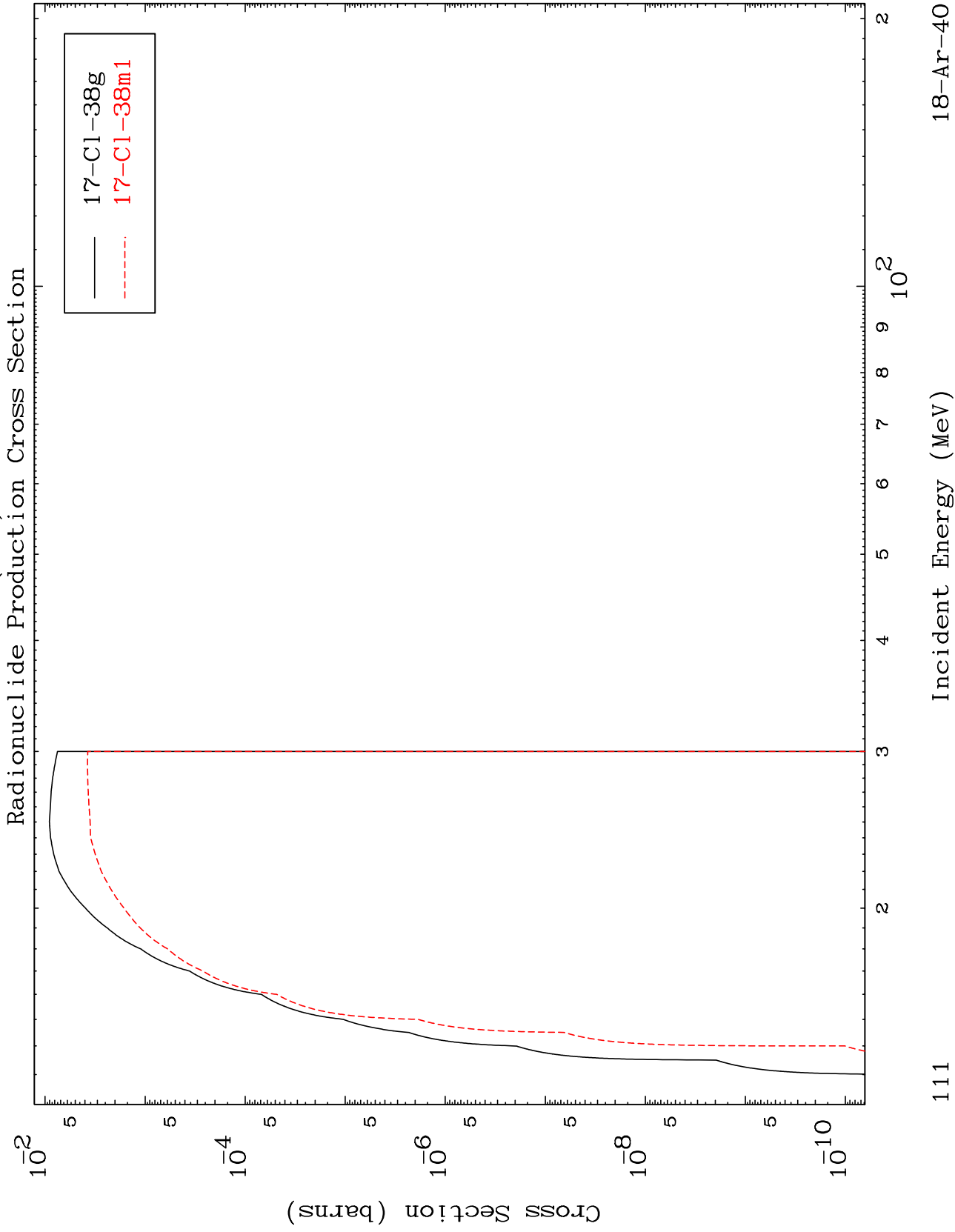
Incident Energy (MeV)

18-Ar-40

MAT 1837

(n, t)

18-Ar-40



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