

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

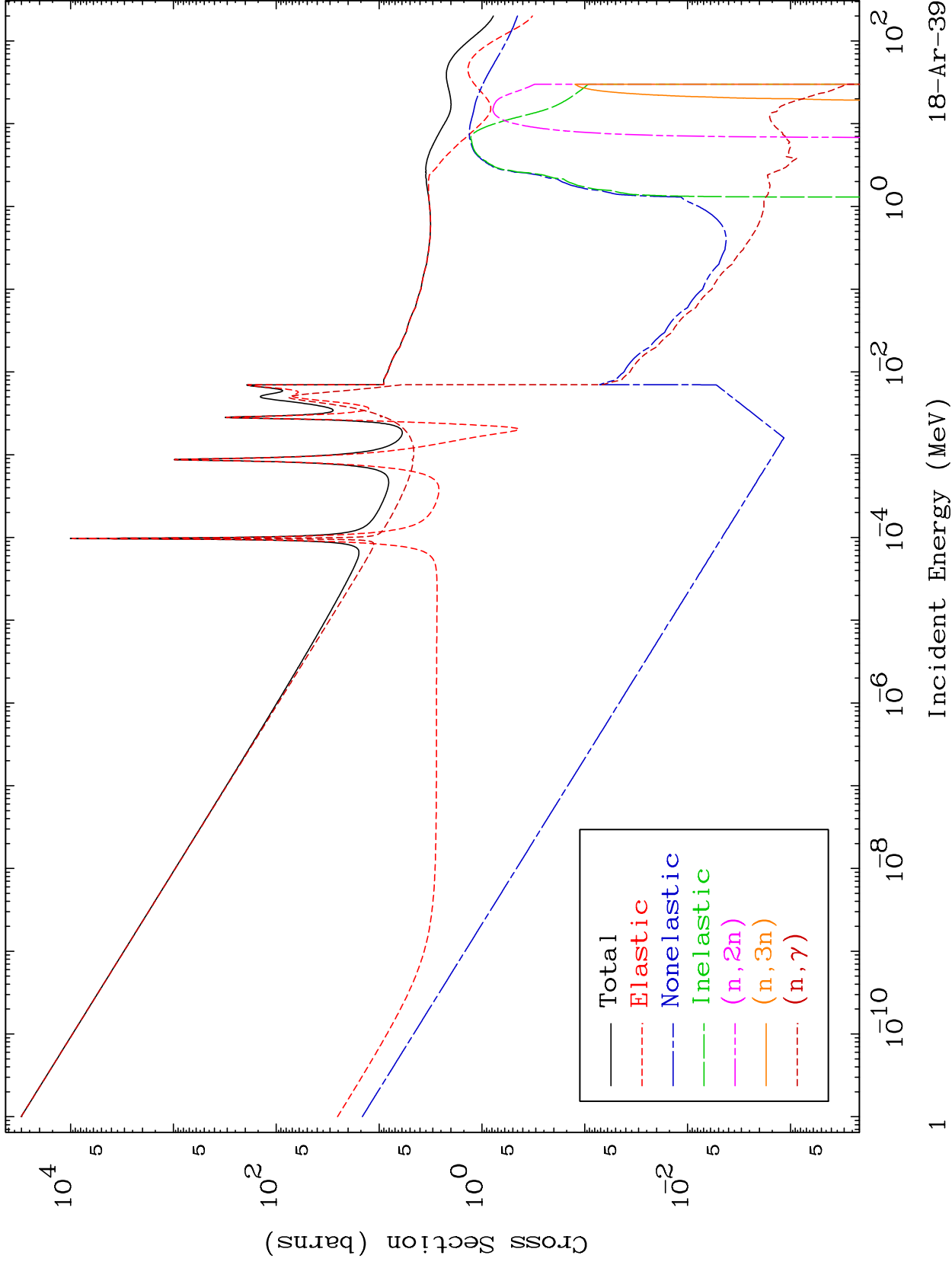
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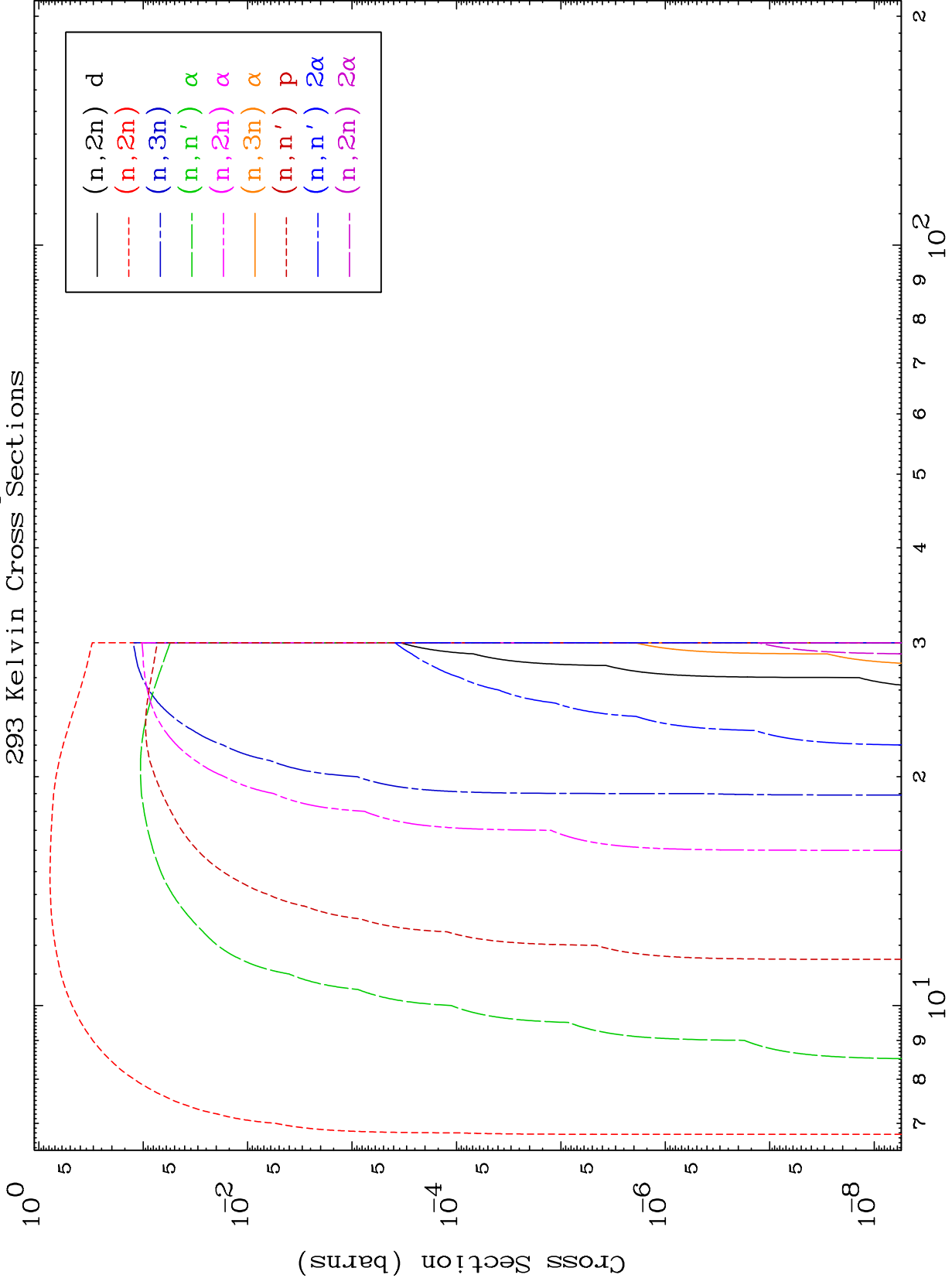
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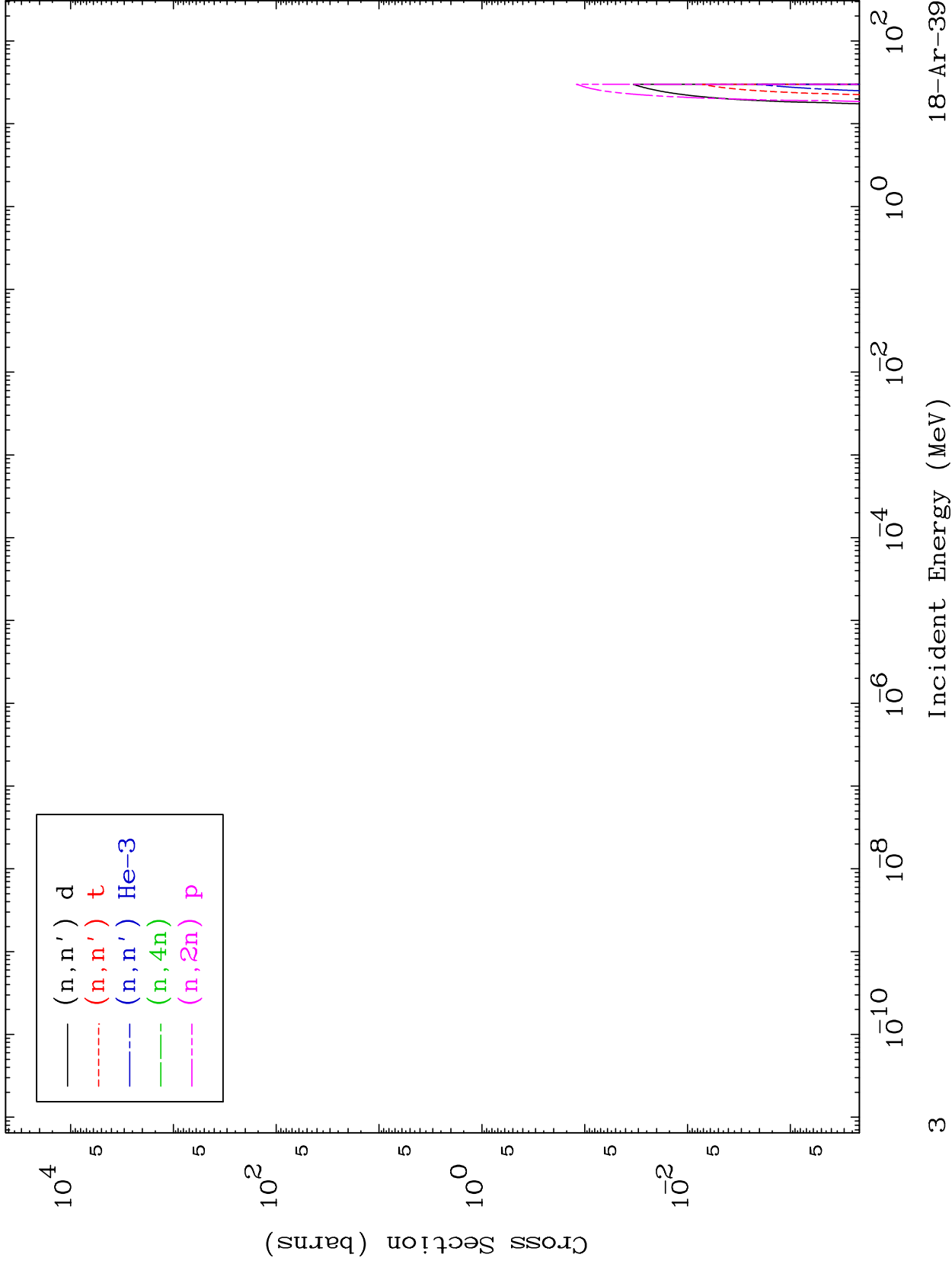
MAT 1834

Neutron Major
293 Kelvin Cross Sections

18-Ar-39



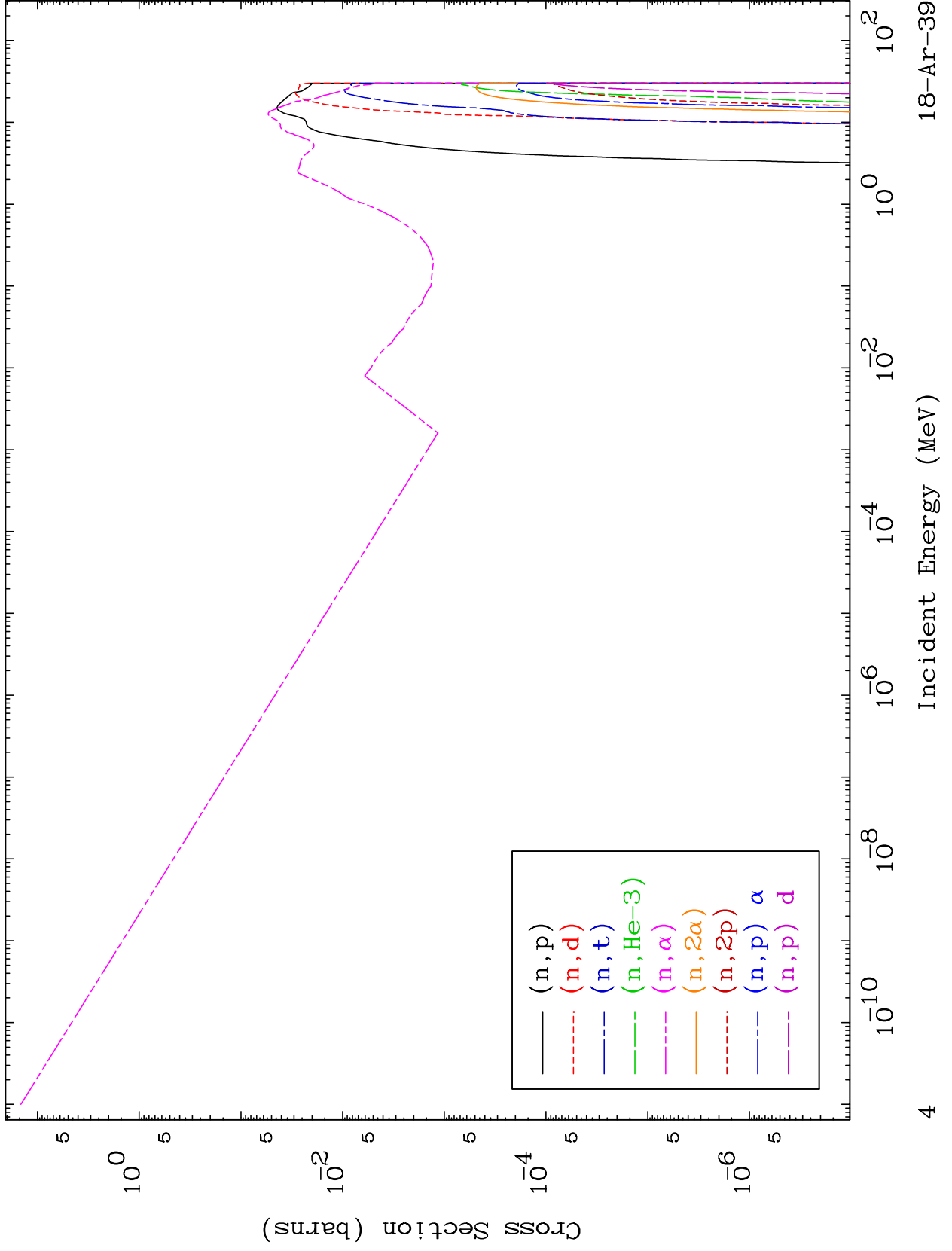


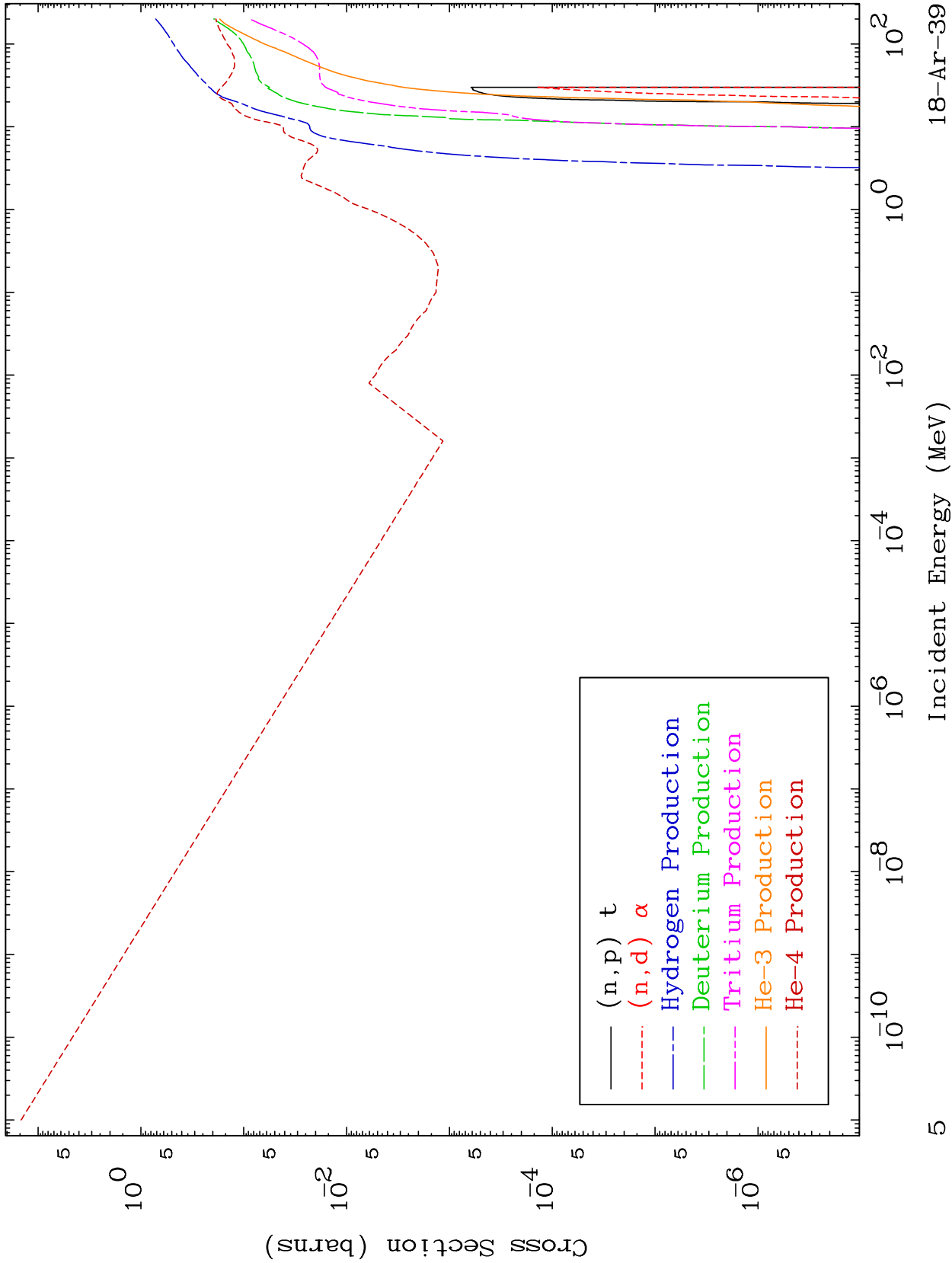


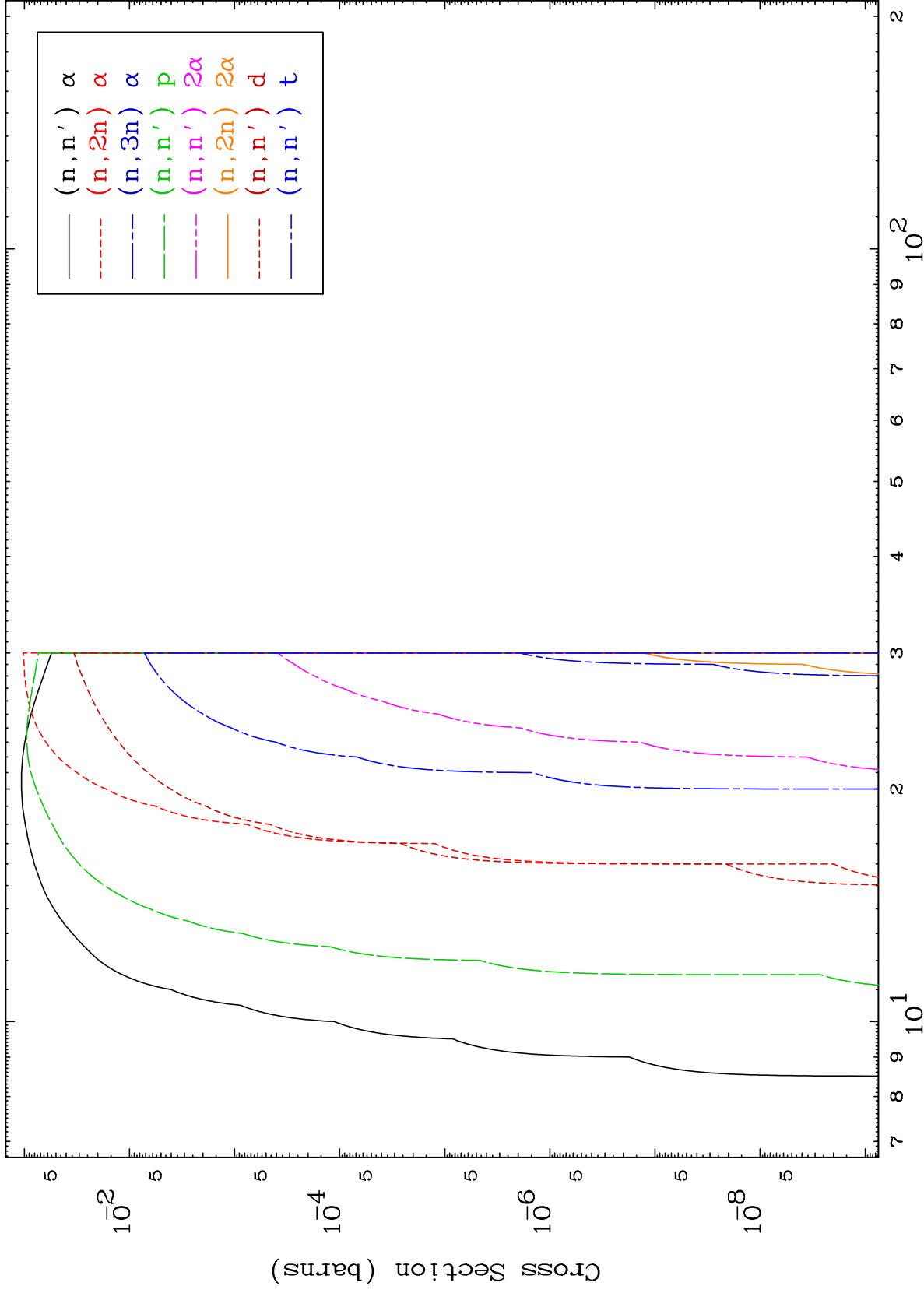
MAT 1834

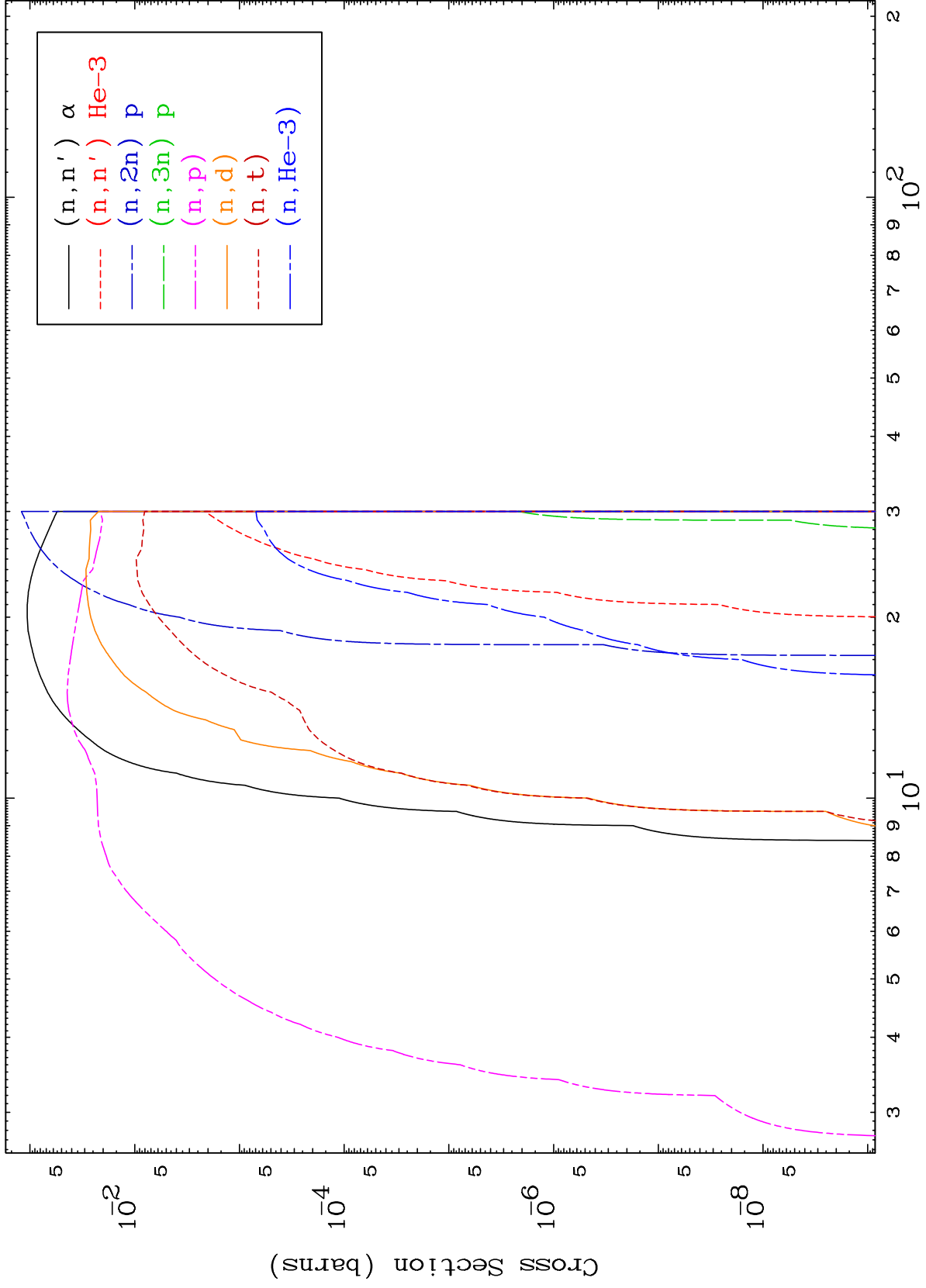
Neutron Absorption
293 Kelvin Cross Sections

18-Ar-39





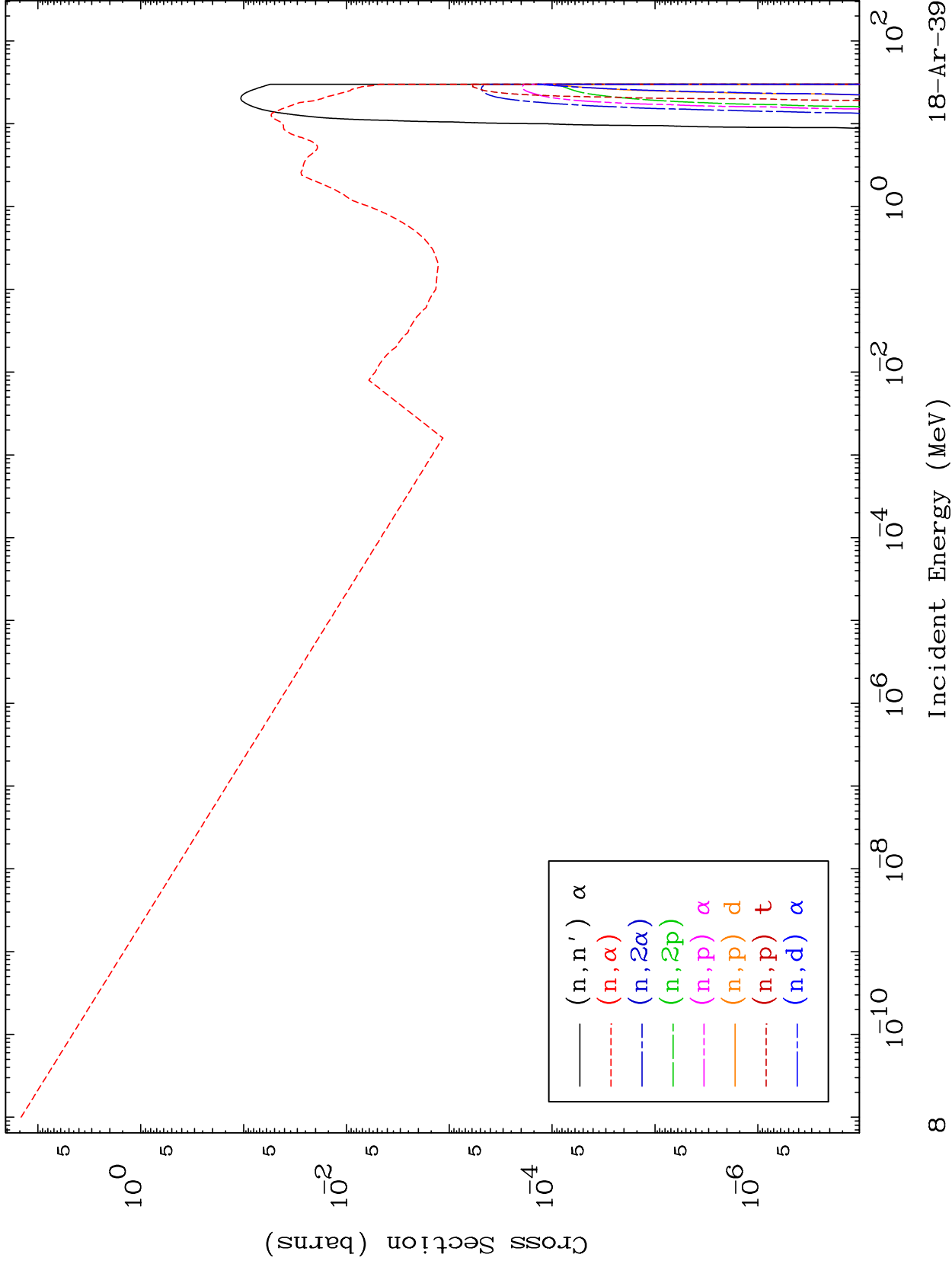




MAT 1834

Charged Particle
293 Kelvin Cross Sections

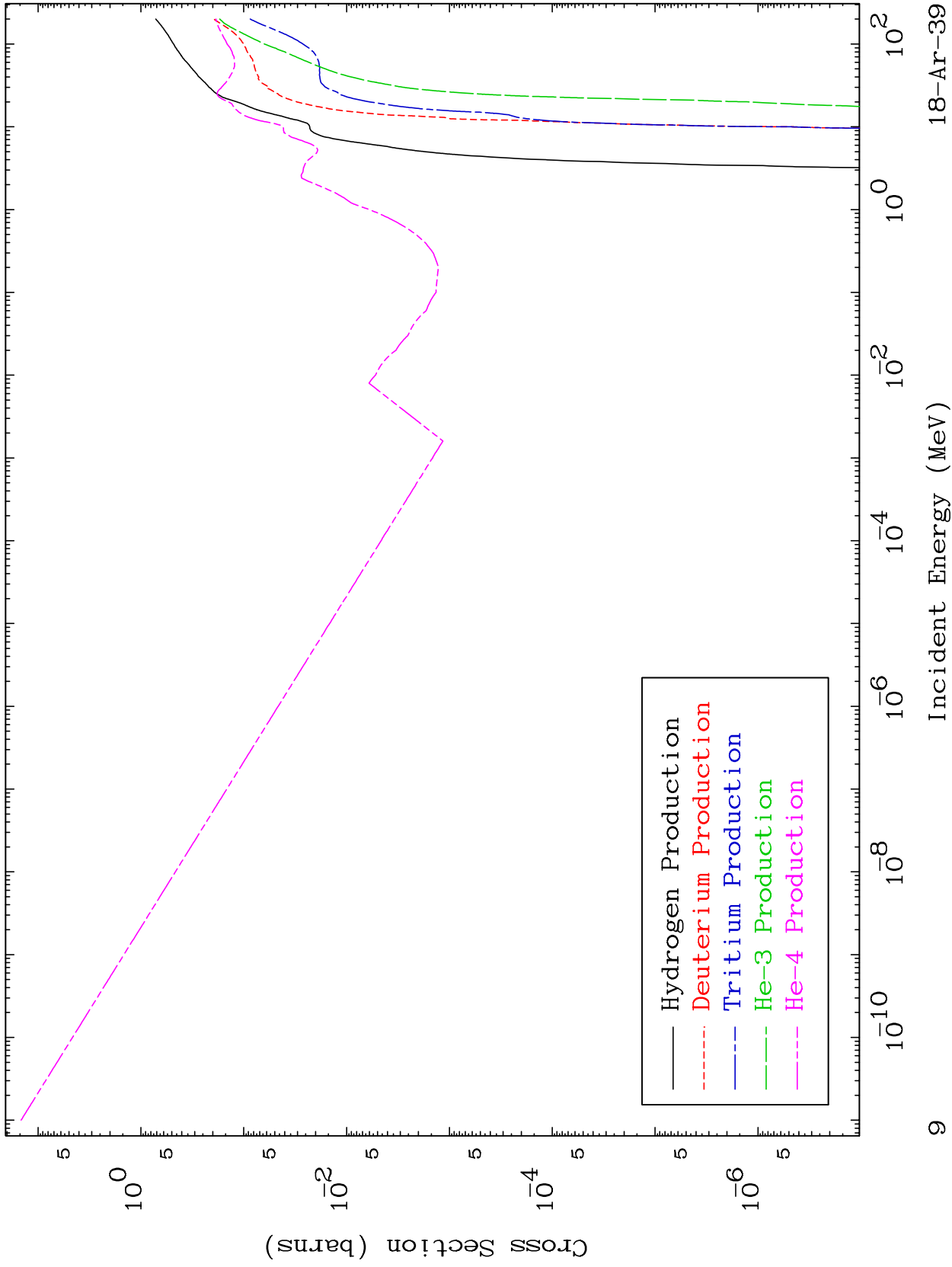
18-Ar-39



MAT 1834

Particle Production
293 Kelvin Cross Sections

18-Ar-39

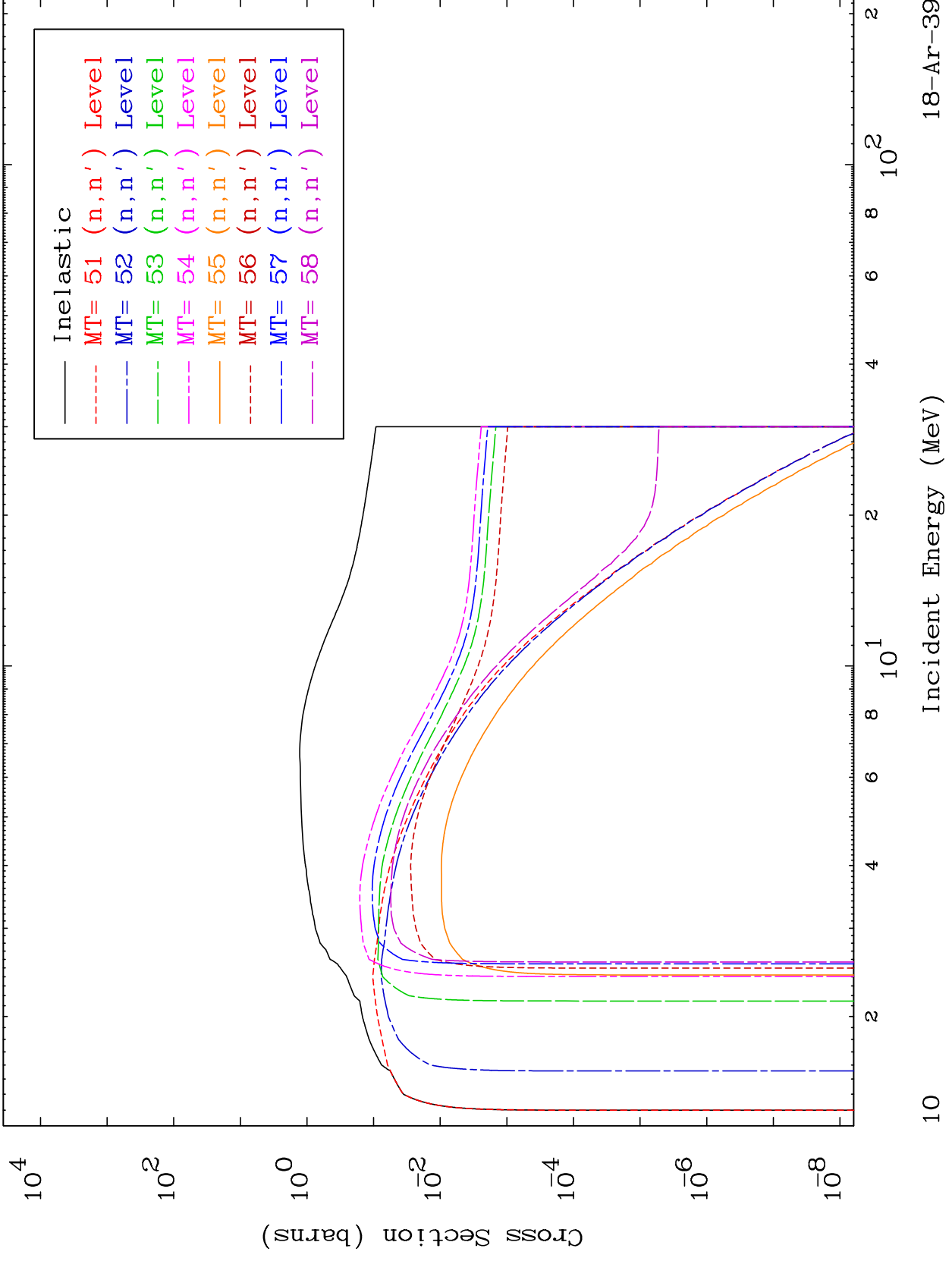


MAT 1834

(n,n') Levels

18-Ar-39

293 Kelvin Cross Sections

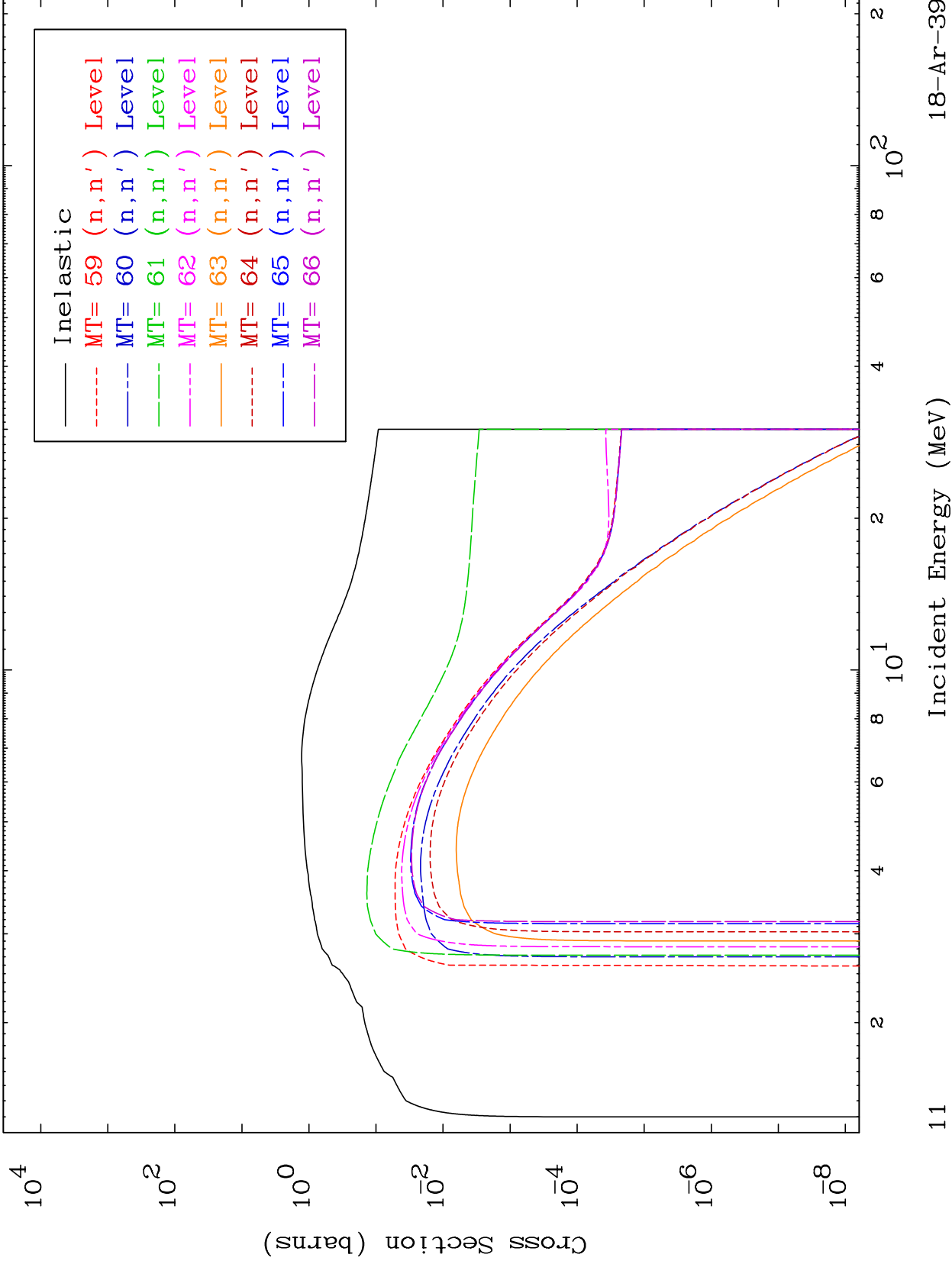


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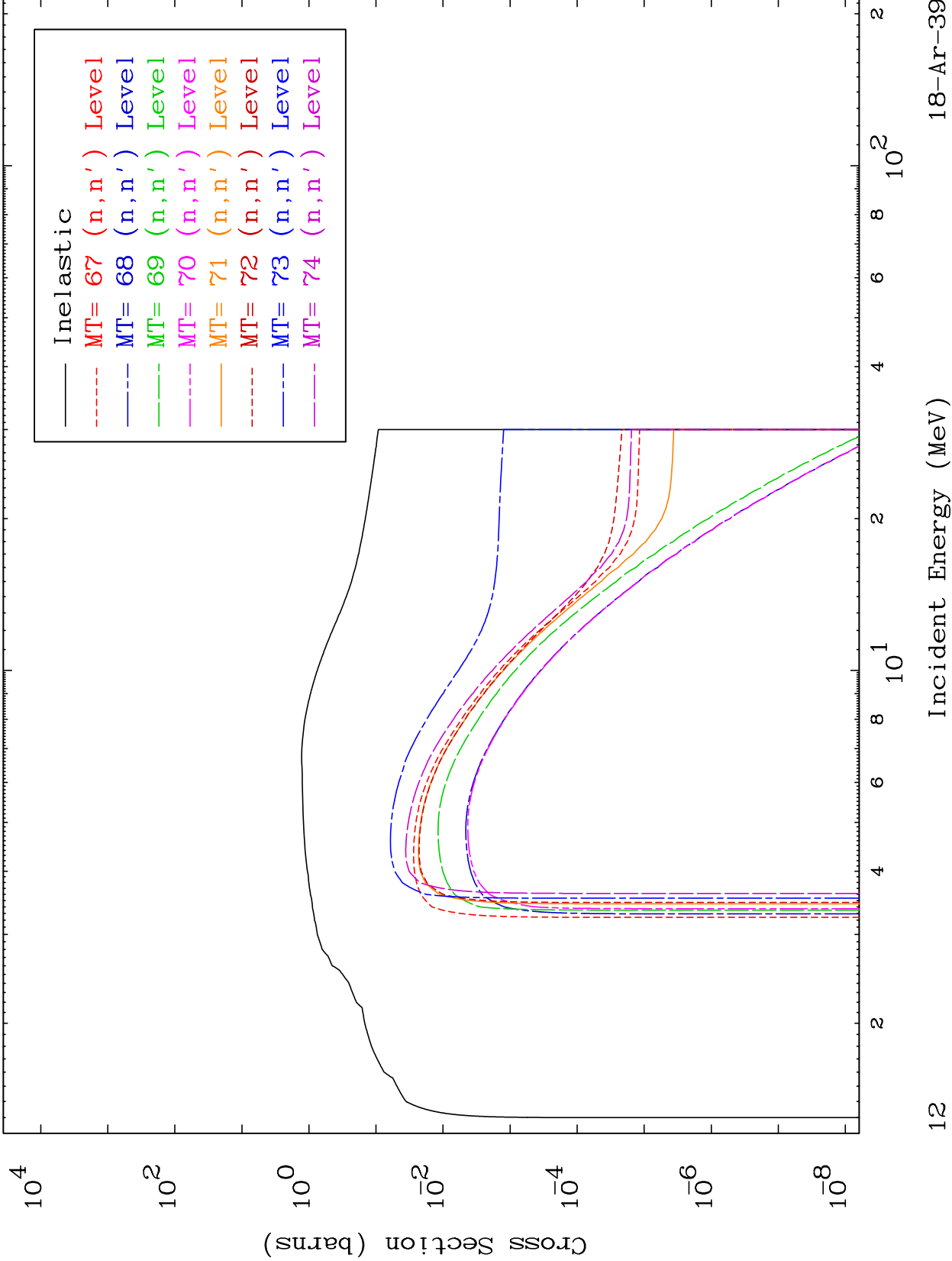
Incident Energy (MeV)

18-Ar-39

293 Kelvin Cross Sections



293 Kelvin Cross Sections

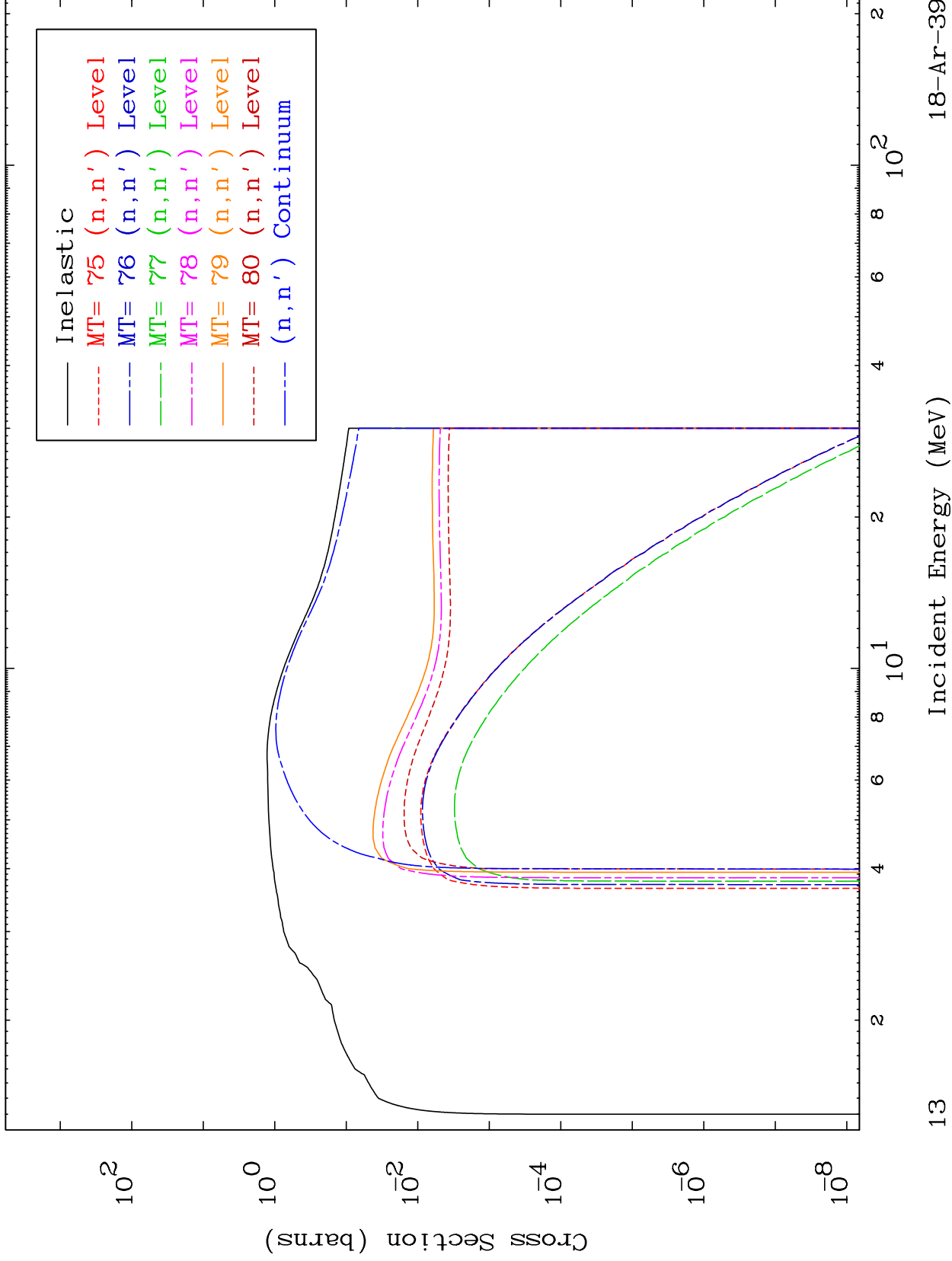


MAT 1834

(n,n') Levels

18-Ar-39

293 Kelvin Cross Sections



13

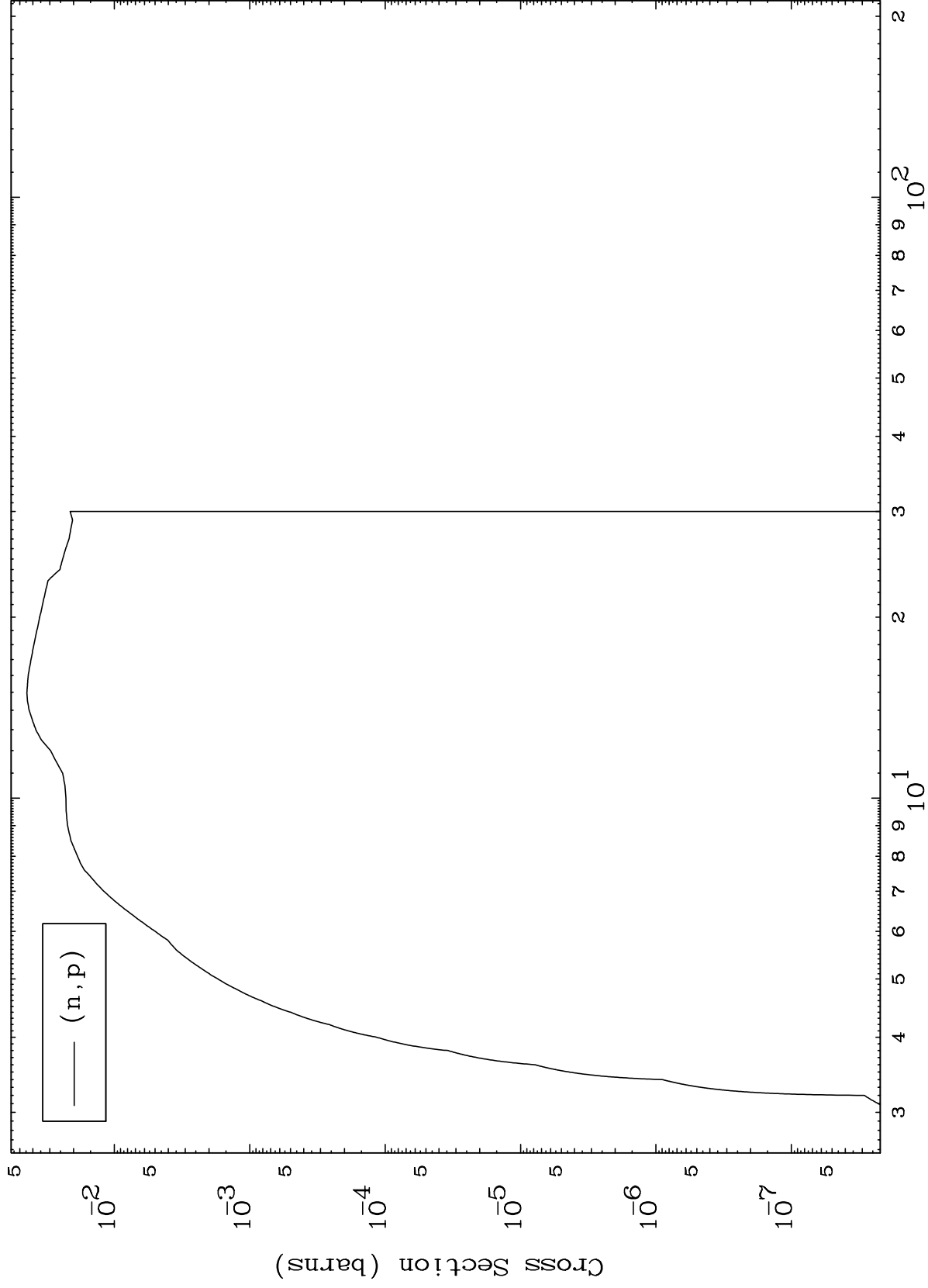
Incident Energy (MeV)

18-Ar-39

MAT 1834

(n,p) Levels
293 Kelvin Cross Sections

18-Ar-39



14

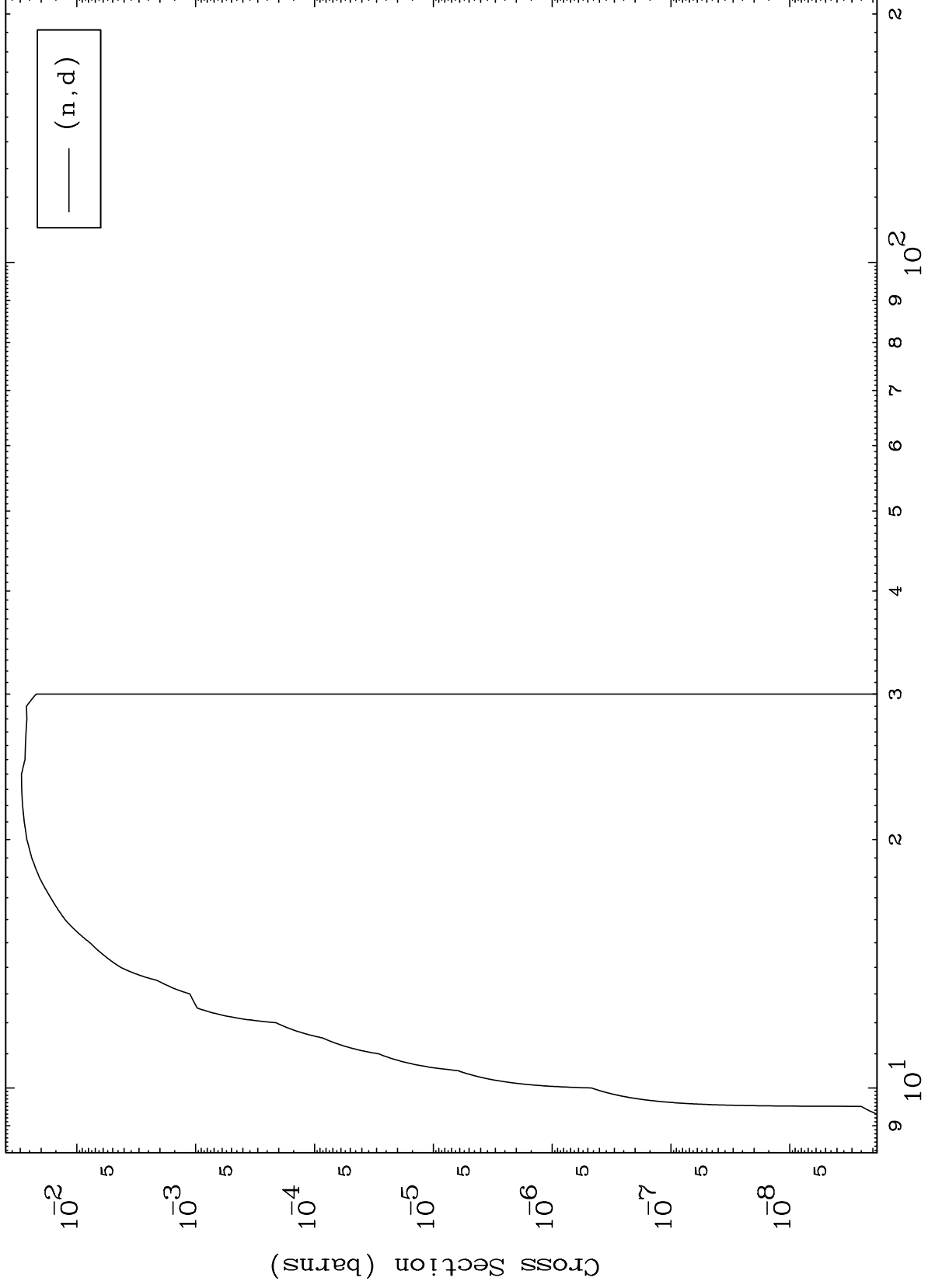
Incident Energy (MeV)

18-Ar-39

MAT 1834

(n,d) Levels
293 Kelvin Cross Sections

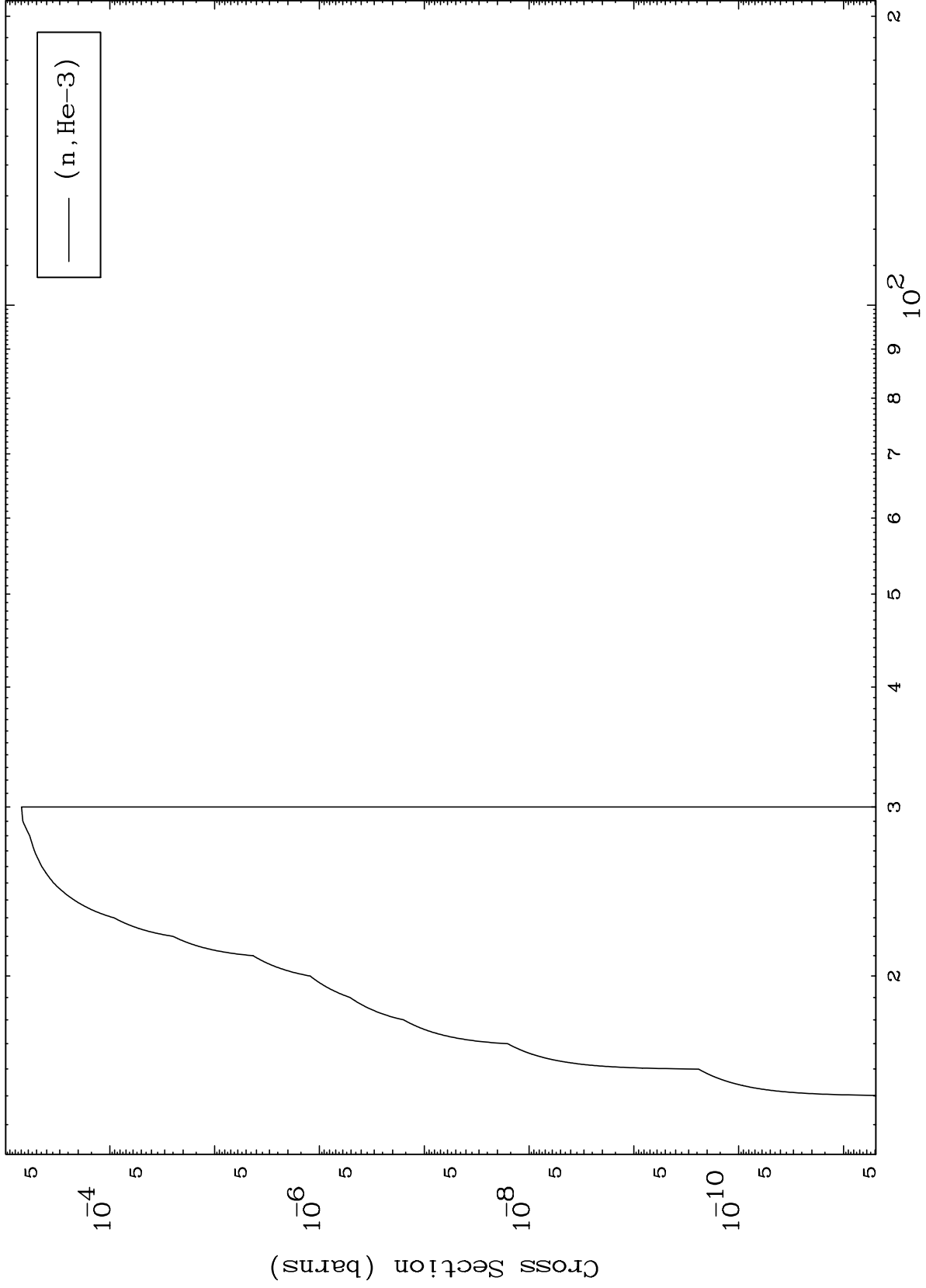
18-Ar-39



15

Incident Energy (MeV)

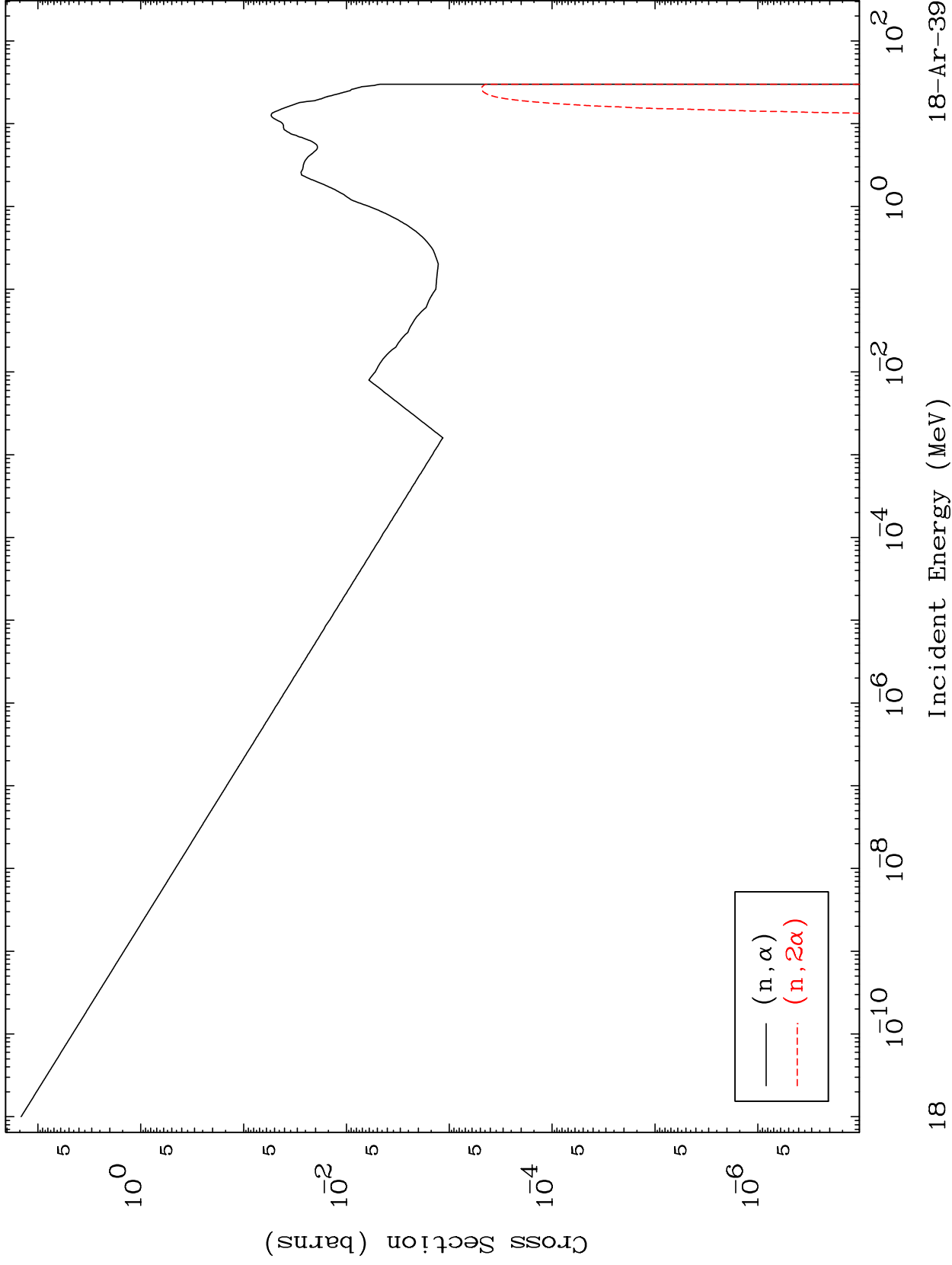
18-Ar-39



MAT 1834

(n,α) Levels
293 Kelvin Cross Sections

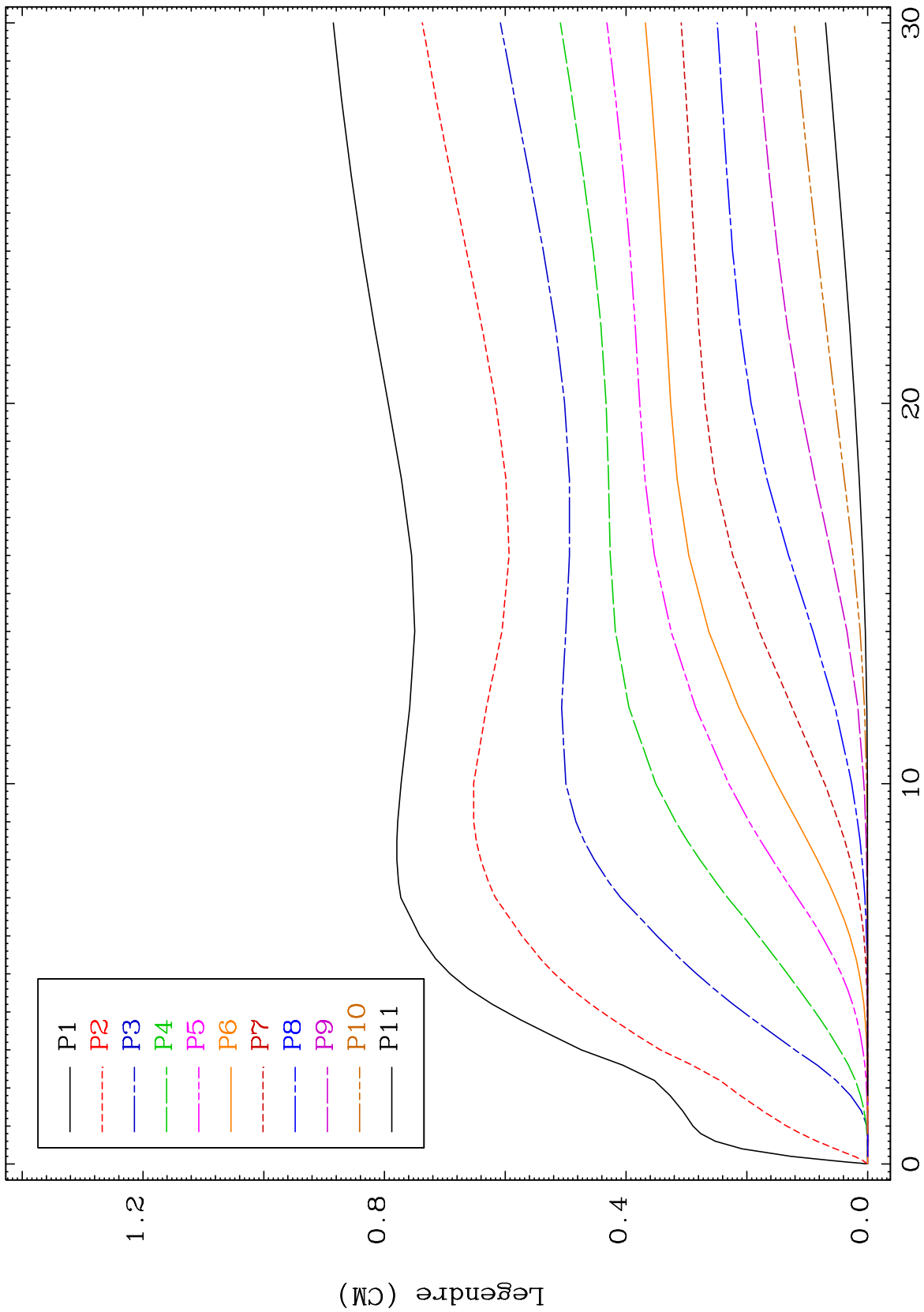
18-Ar-39



MAT 1834

Elastic Legendre Coefficients

18-Ar-39



19

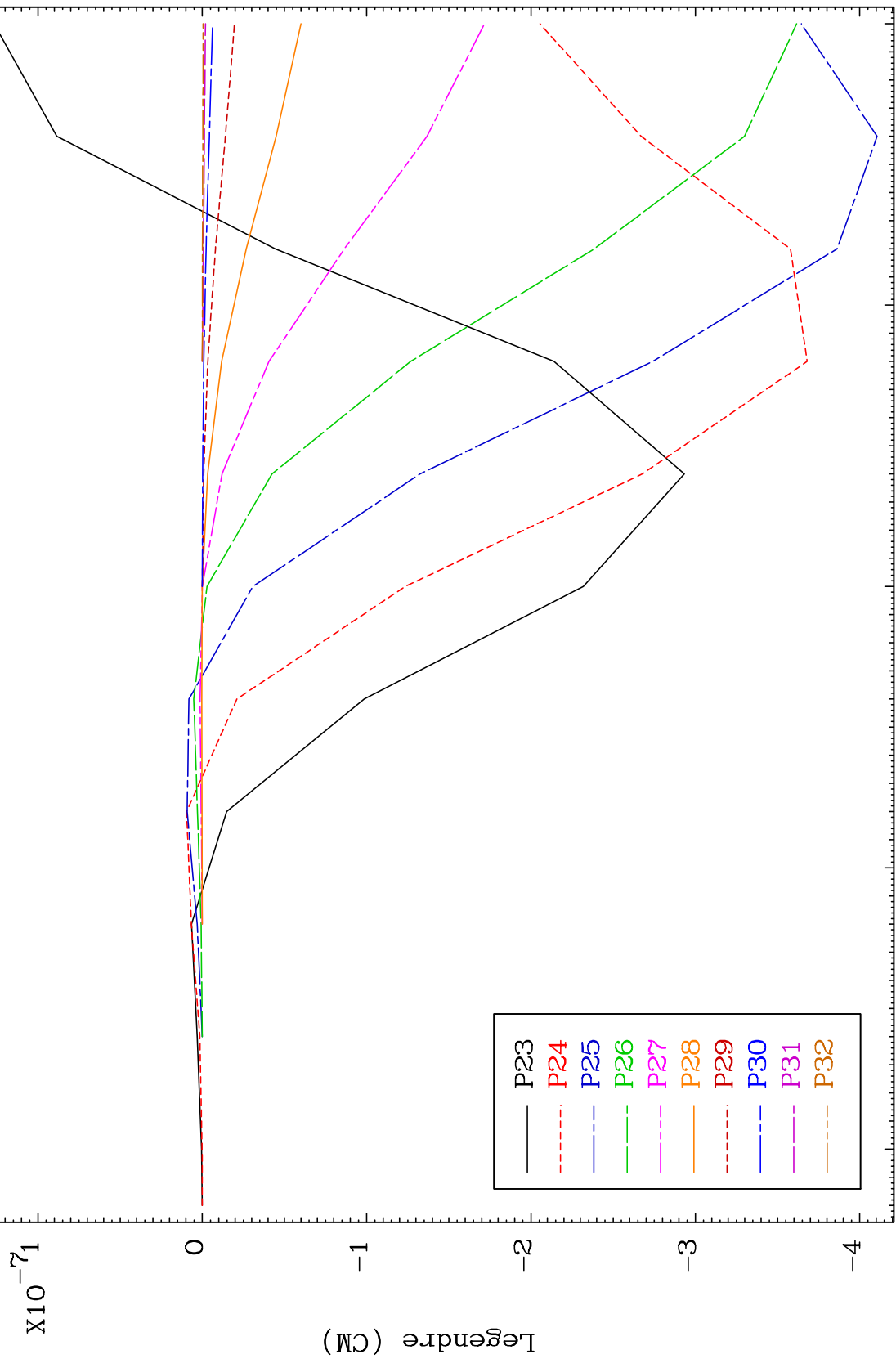
Incident Energy (MeV)

18-Ar-39

MAT 1834

Elastic Legendre Coefficients

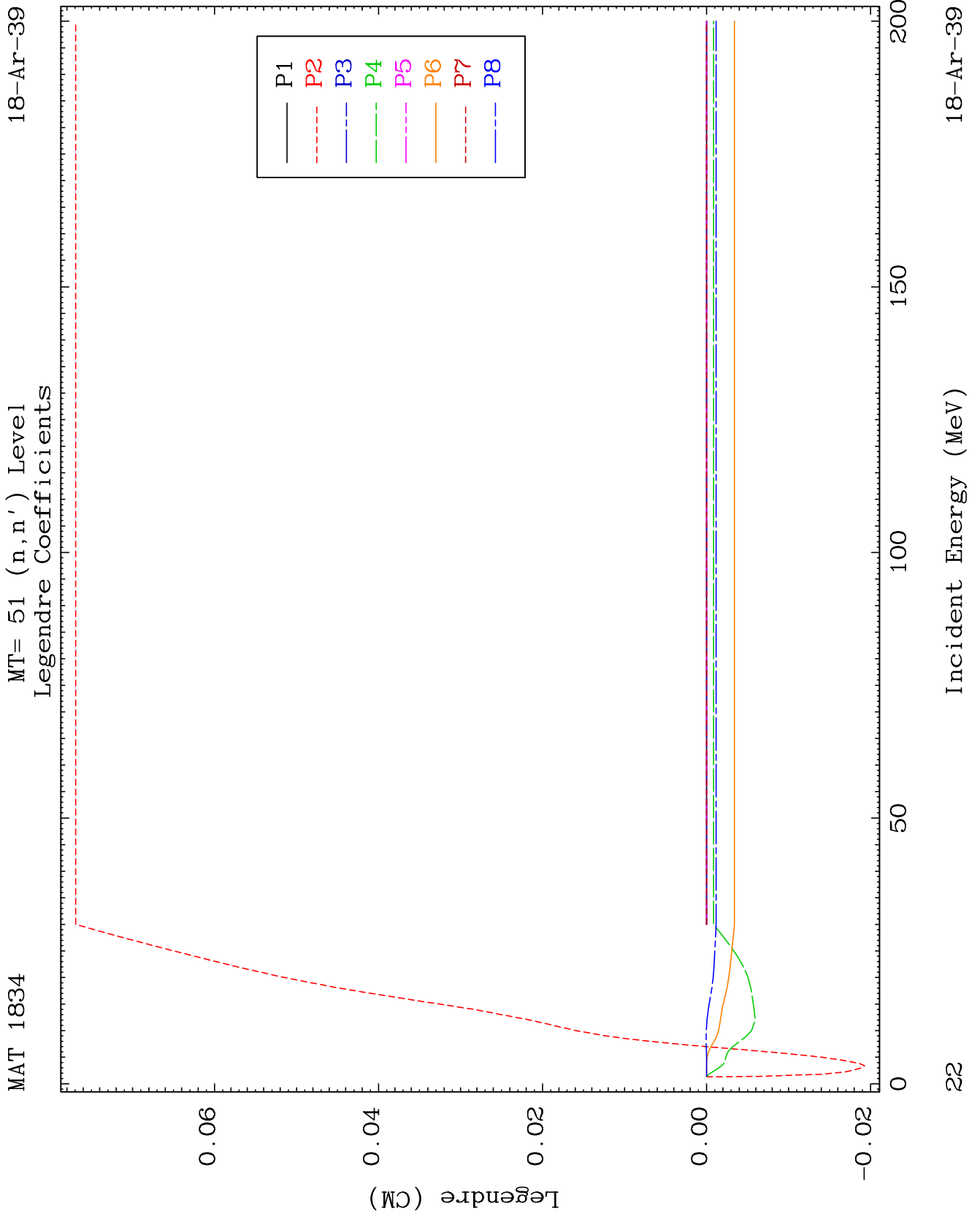
18-Ar-39



21

Incident Energy (MeV)

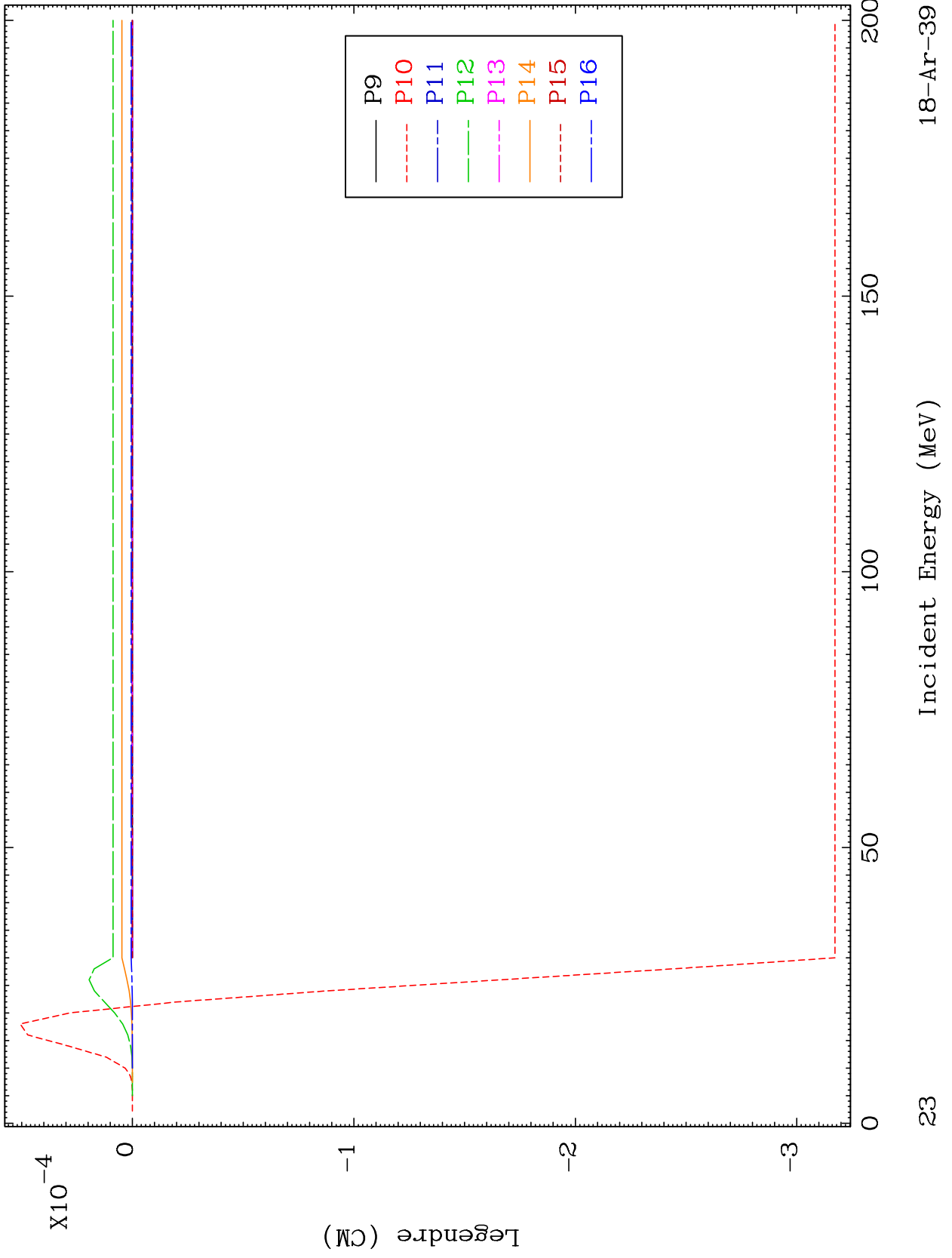
18-Ar-39



MAT 1834

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

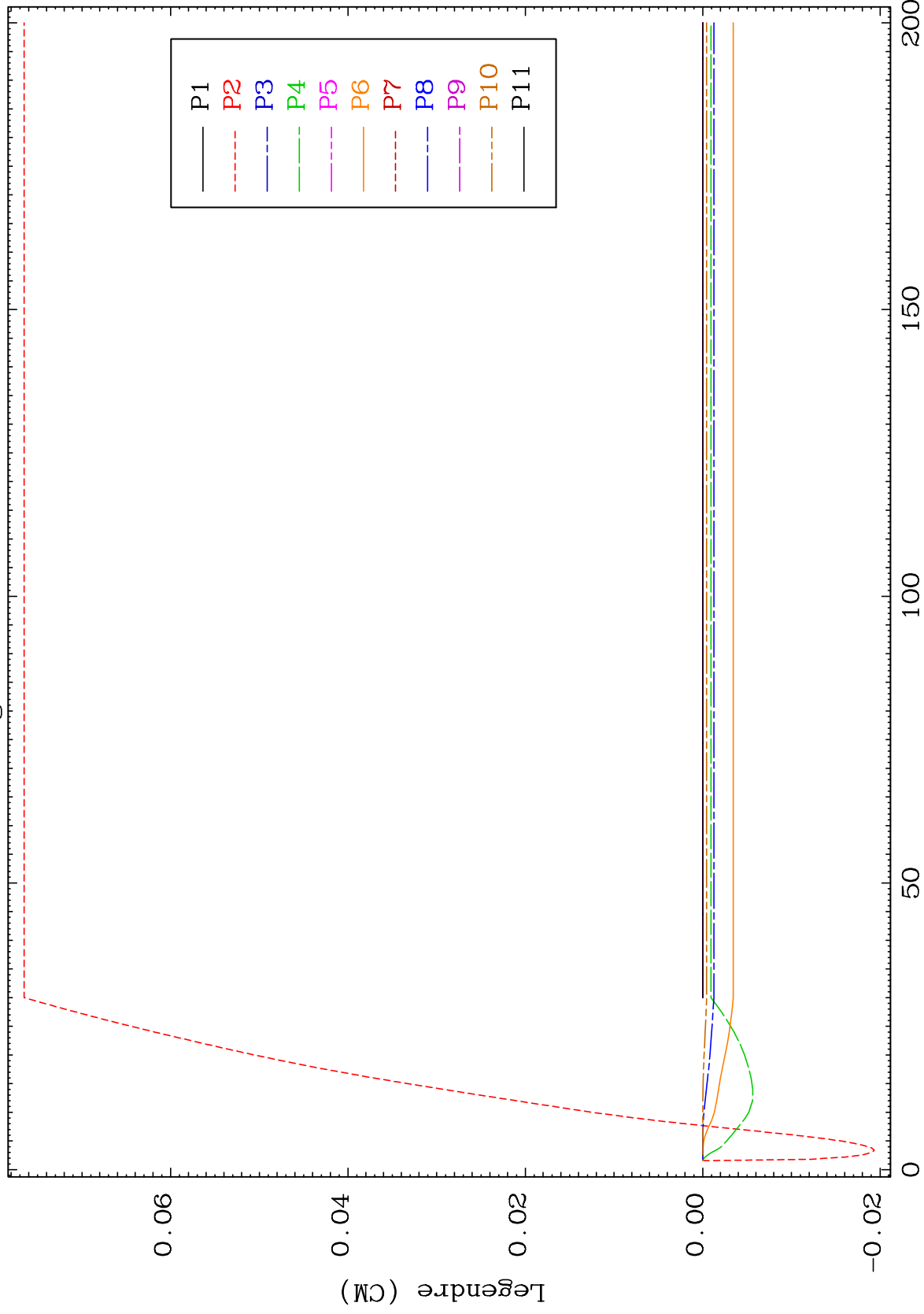
18-Ar-39



MAT 1834

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

18-Ar-39



18-Ar-39

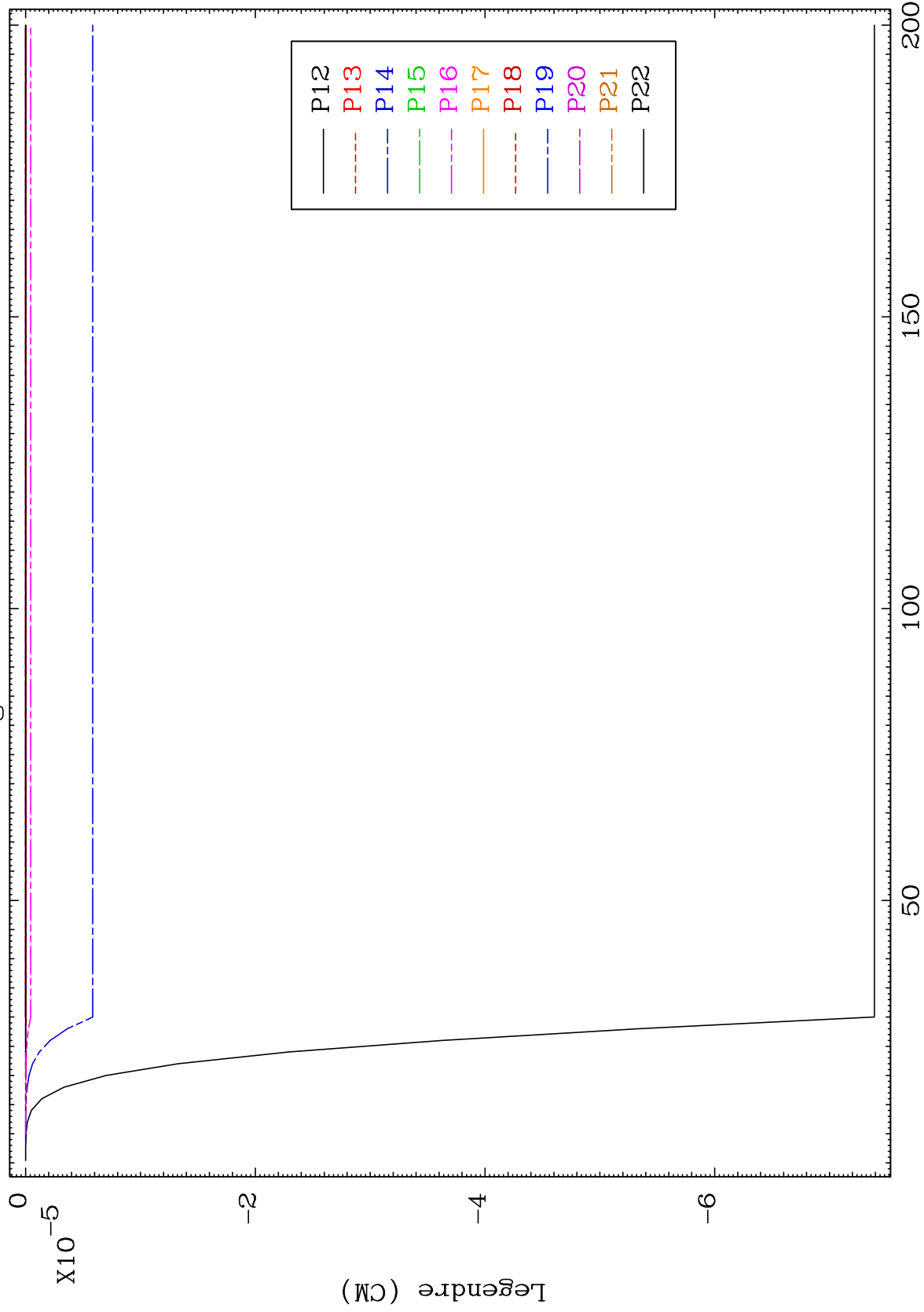
Incident Energy (MeV)

25

MAT 1834

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

18-Ar-39



26

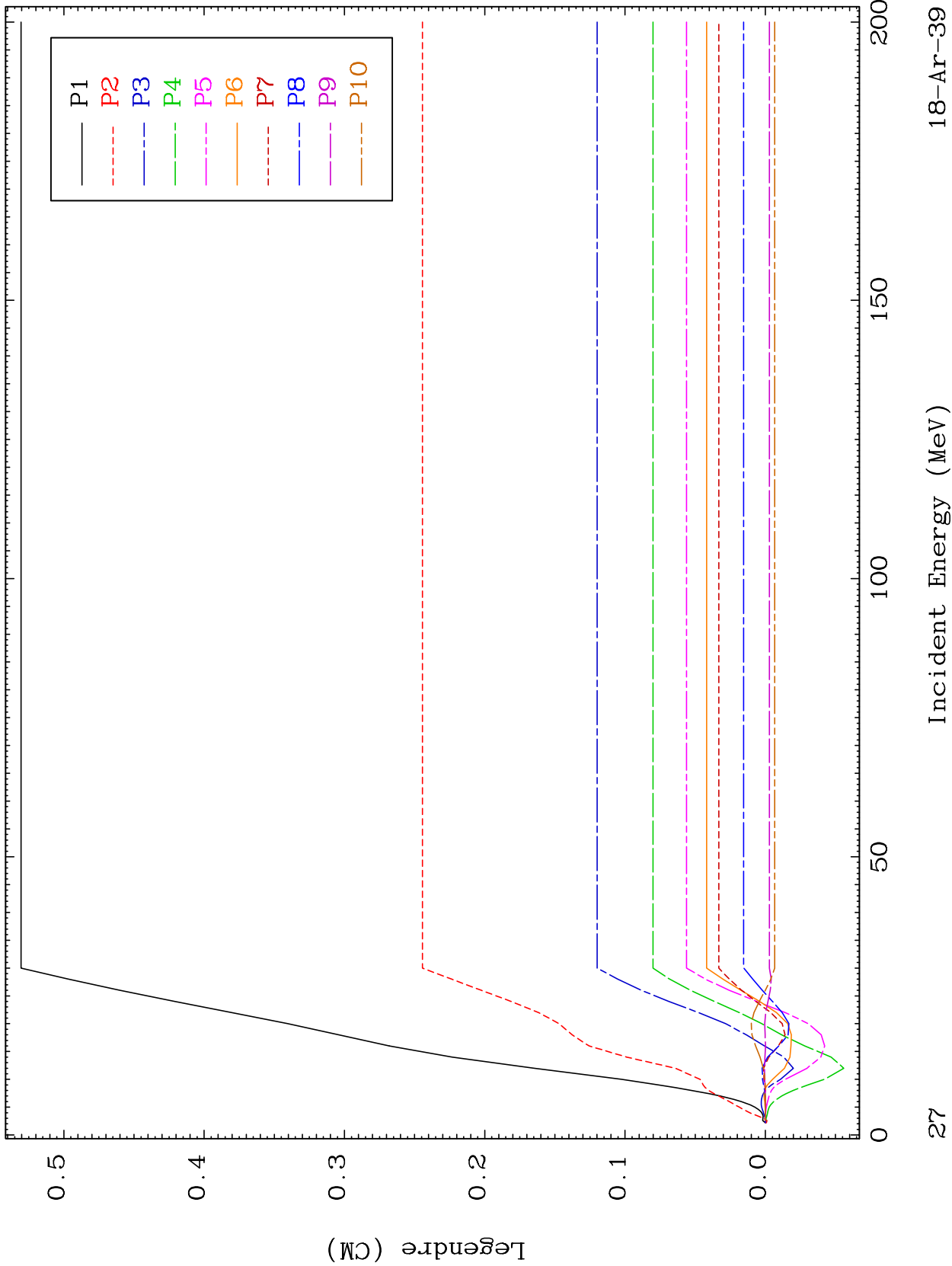
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



27

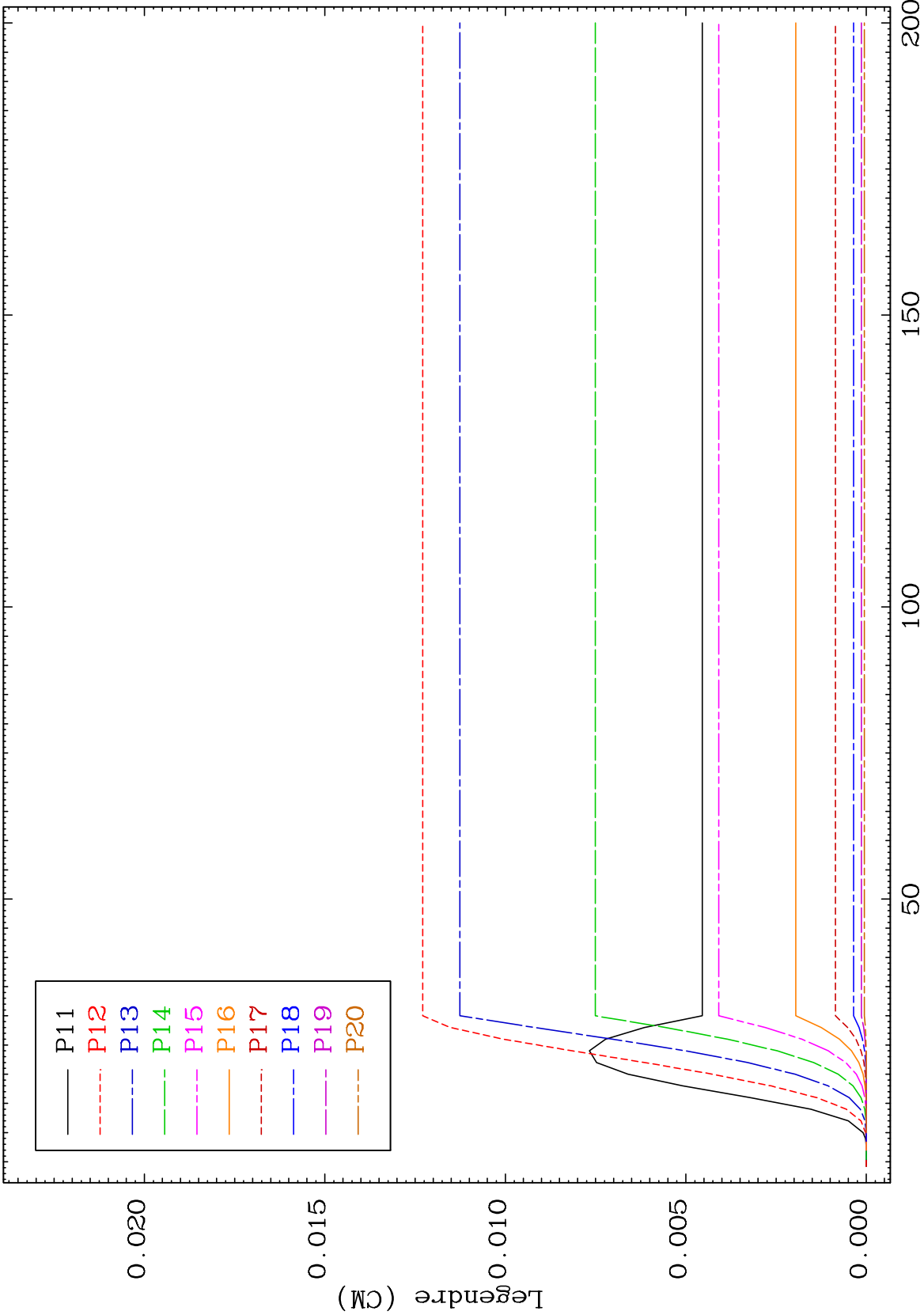
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



28

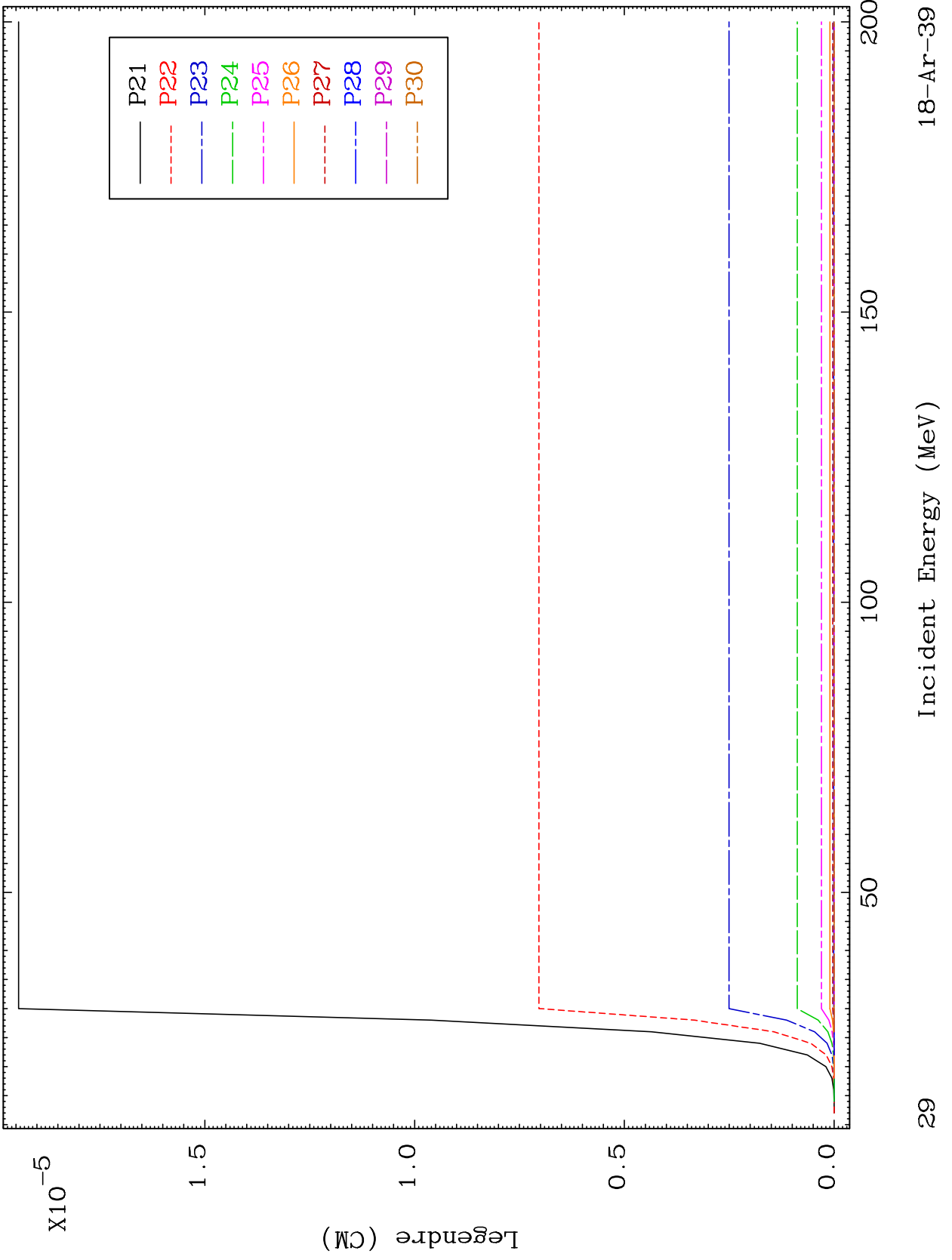
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39

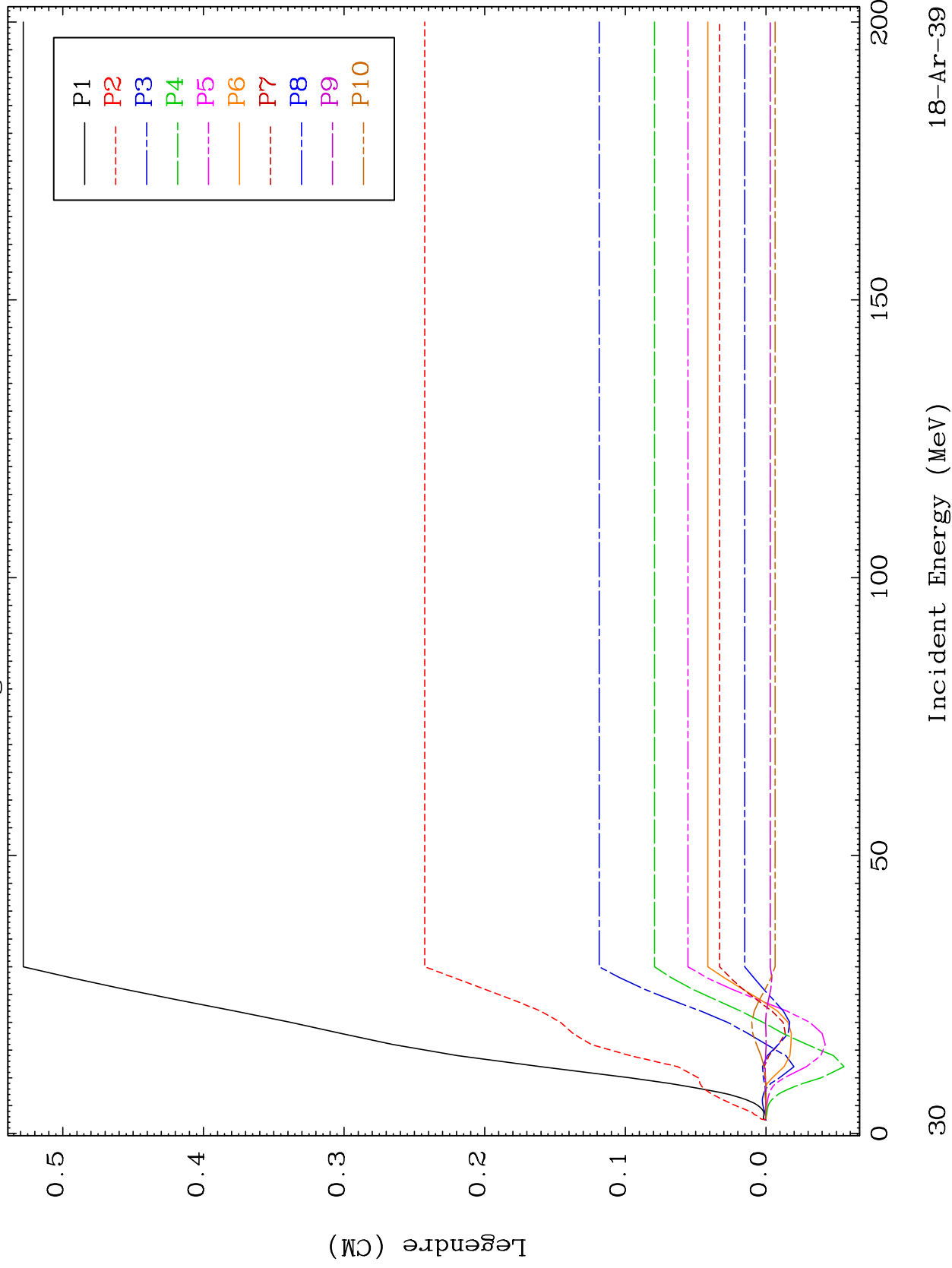


29

MAT 1834

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

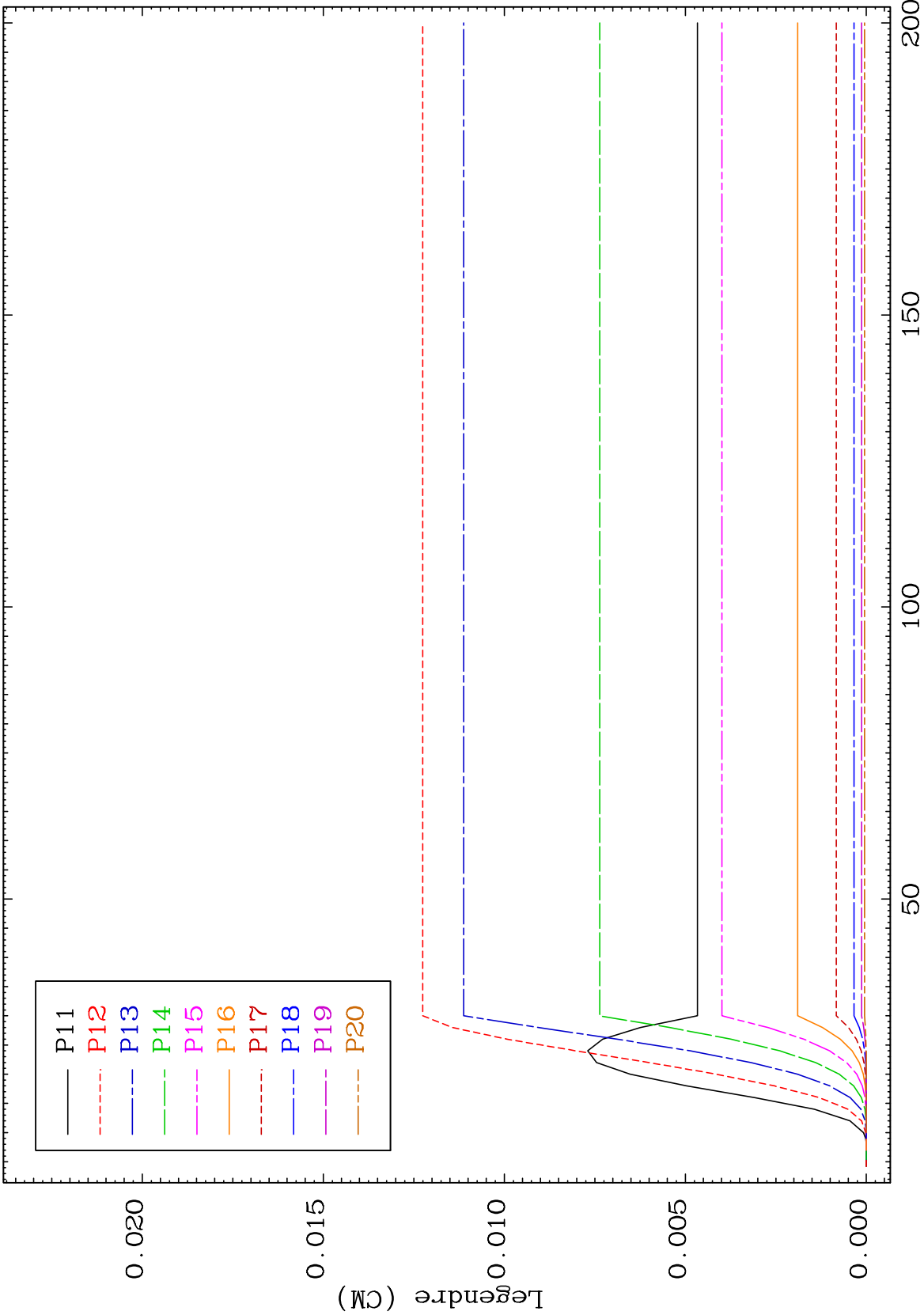
18-Ar-39



18-Ar-39

Incident Energy (MeV)

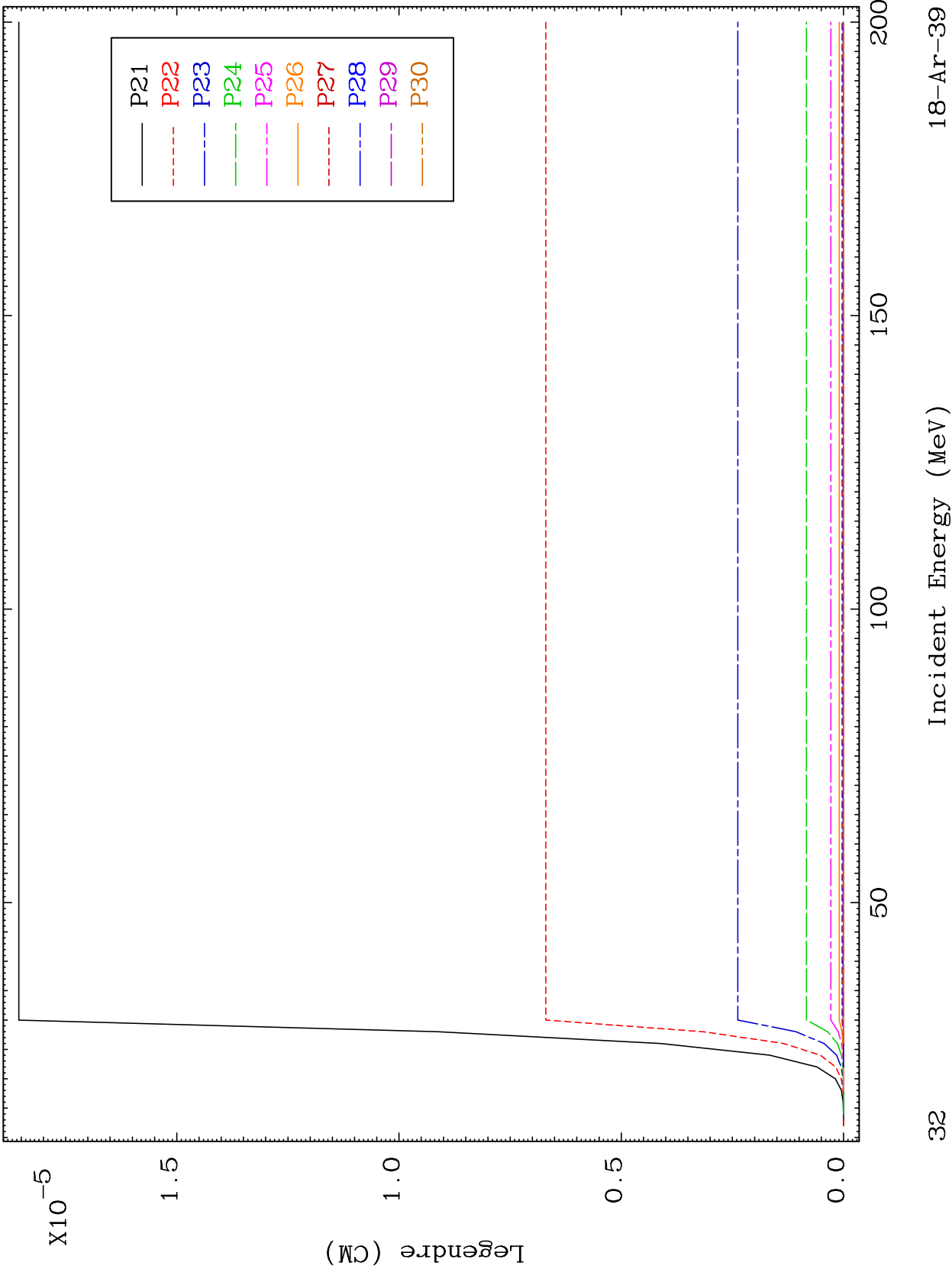
30



MAT 1834

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

18-Ar-39



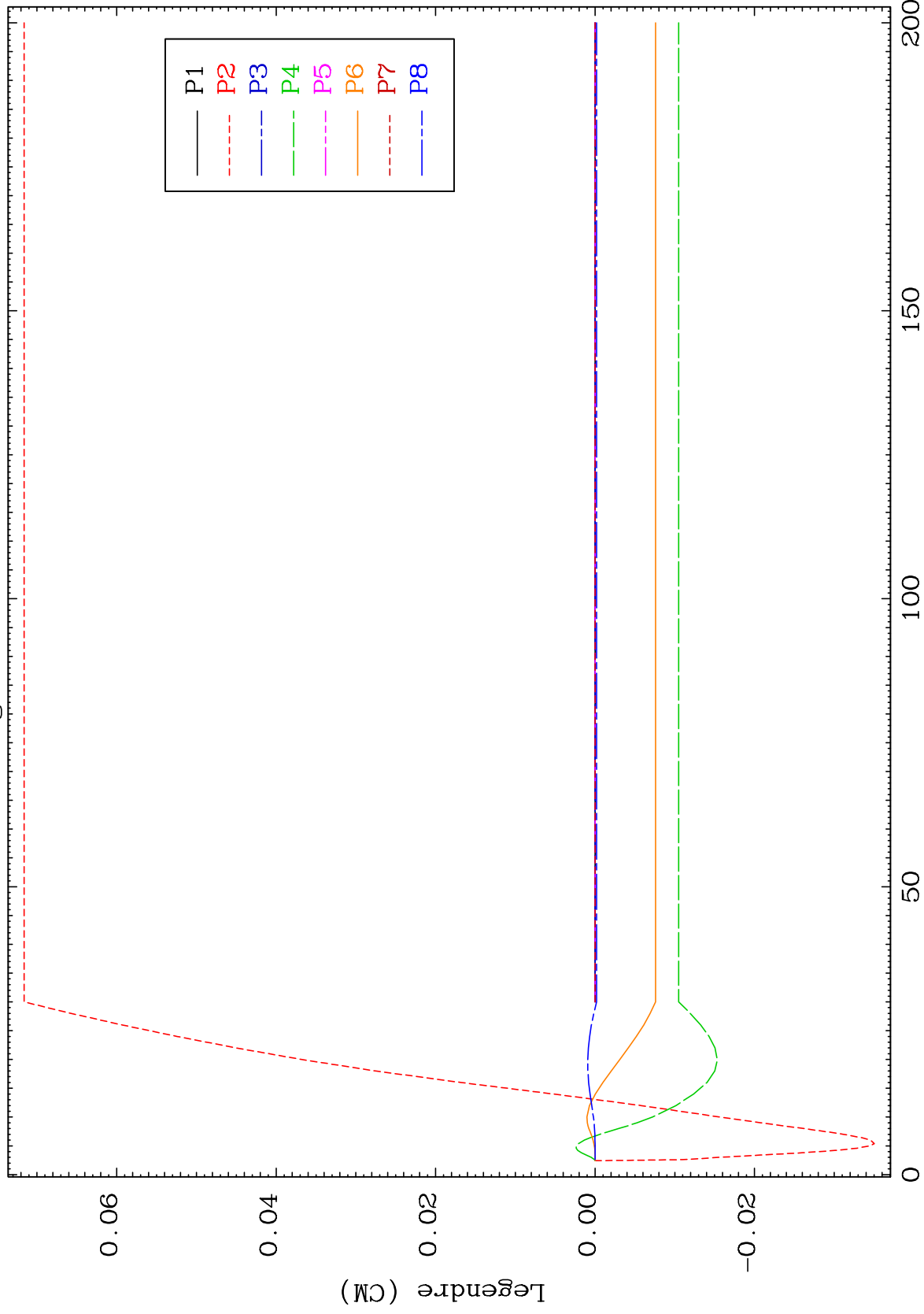
32

18-Ar-39

MAT 1834

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

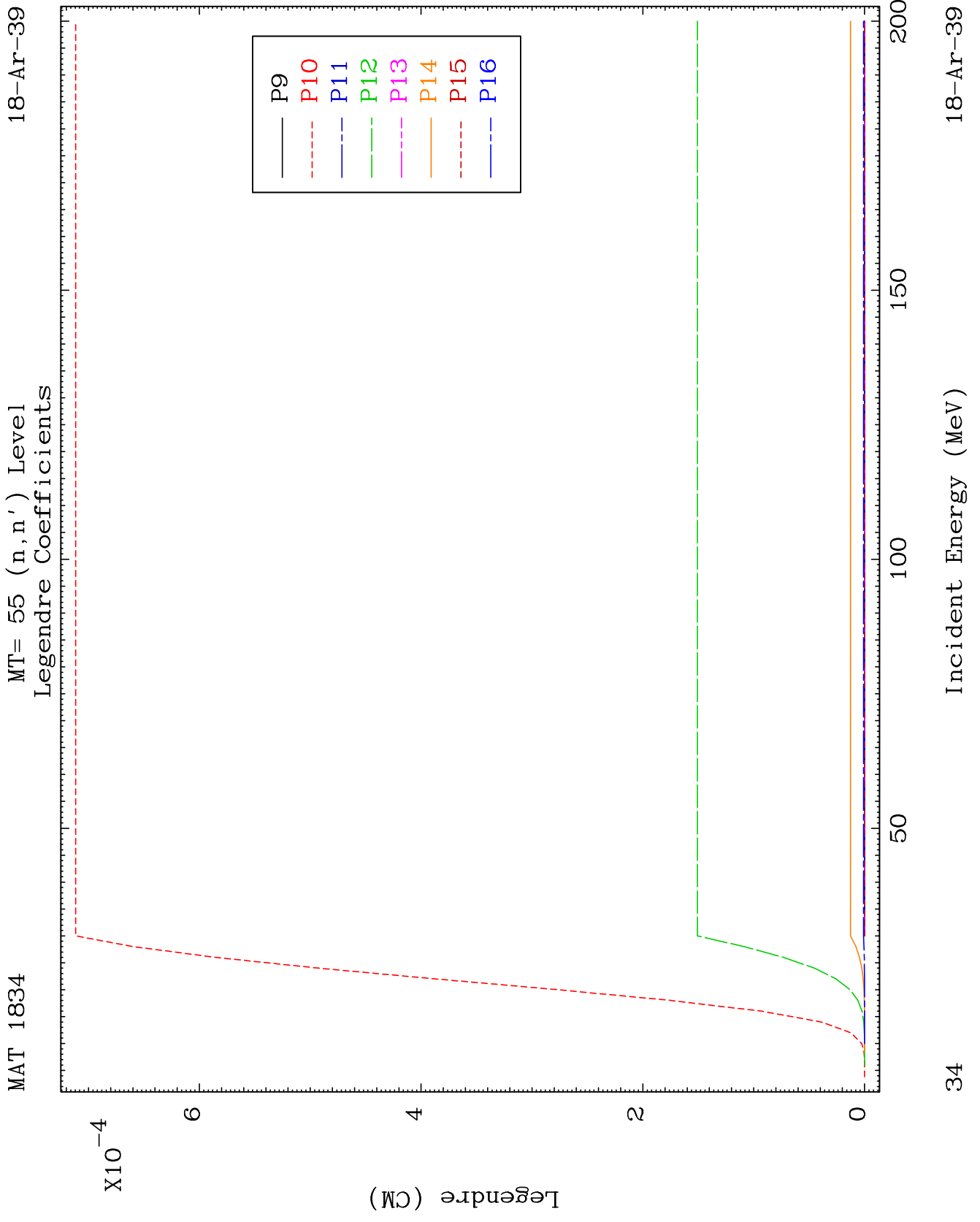
18-Ar-39

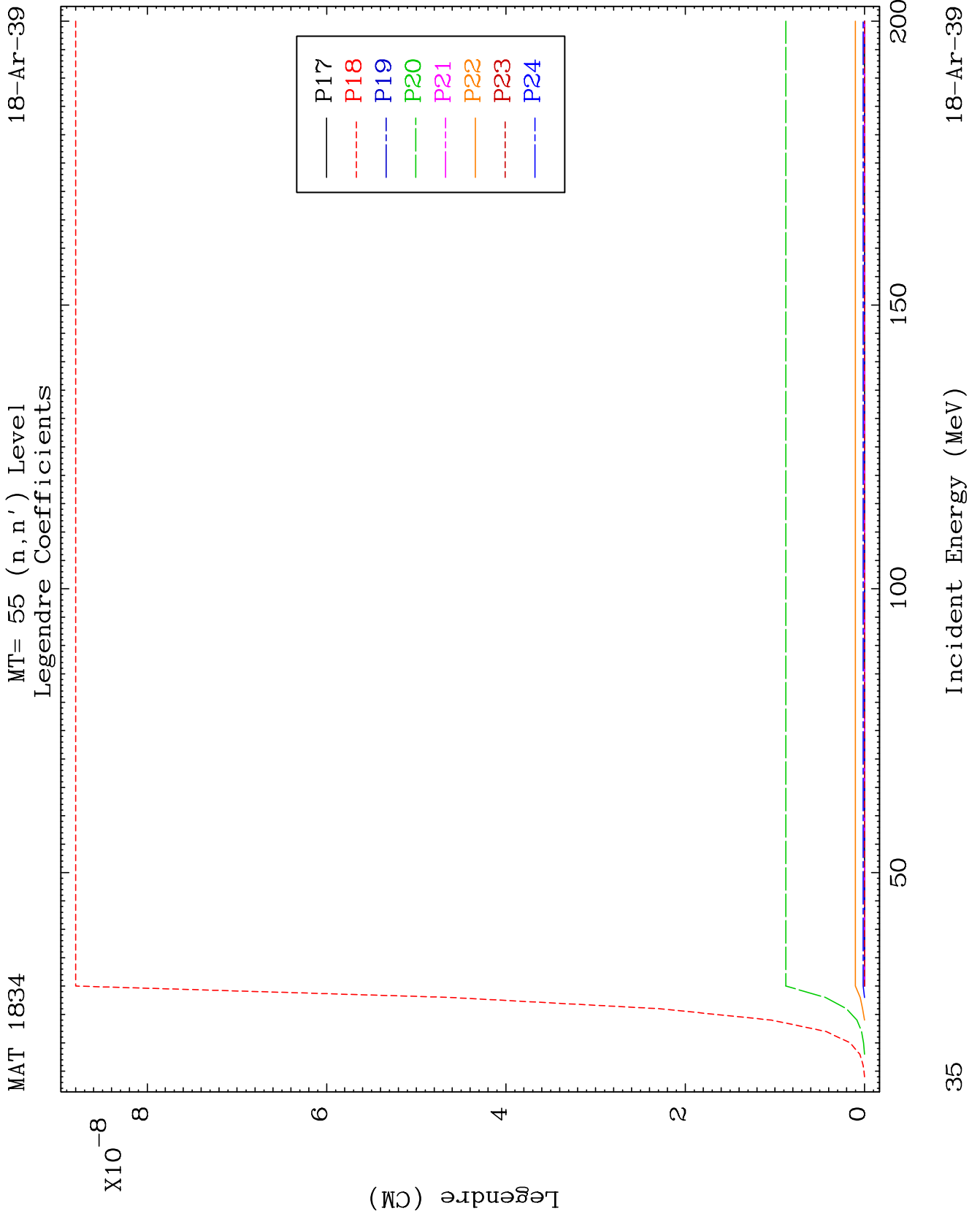


33

Incident Energy (MeV)

18-Ar-39

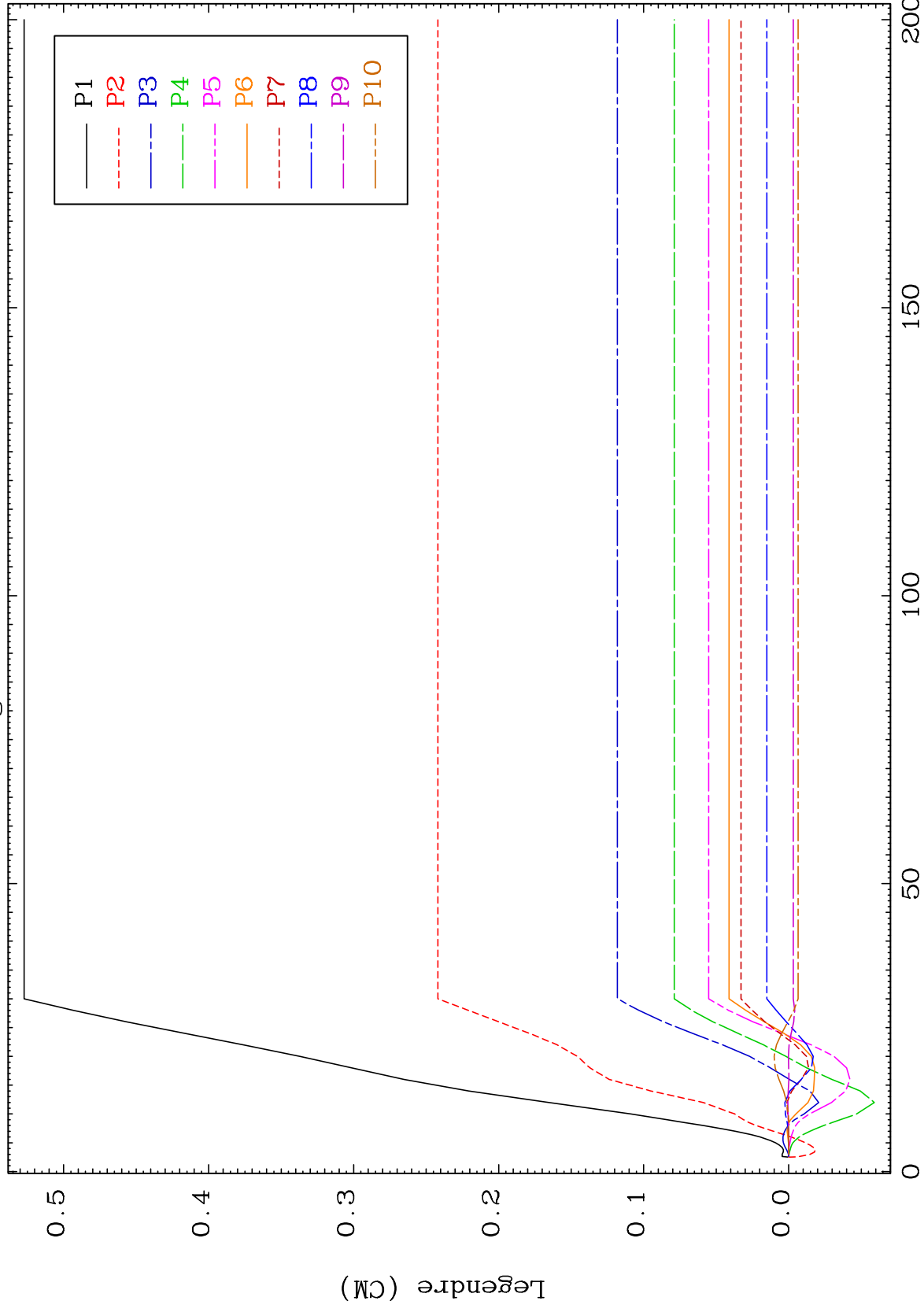




MAT 1834

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

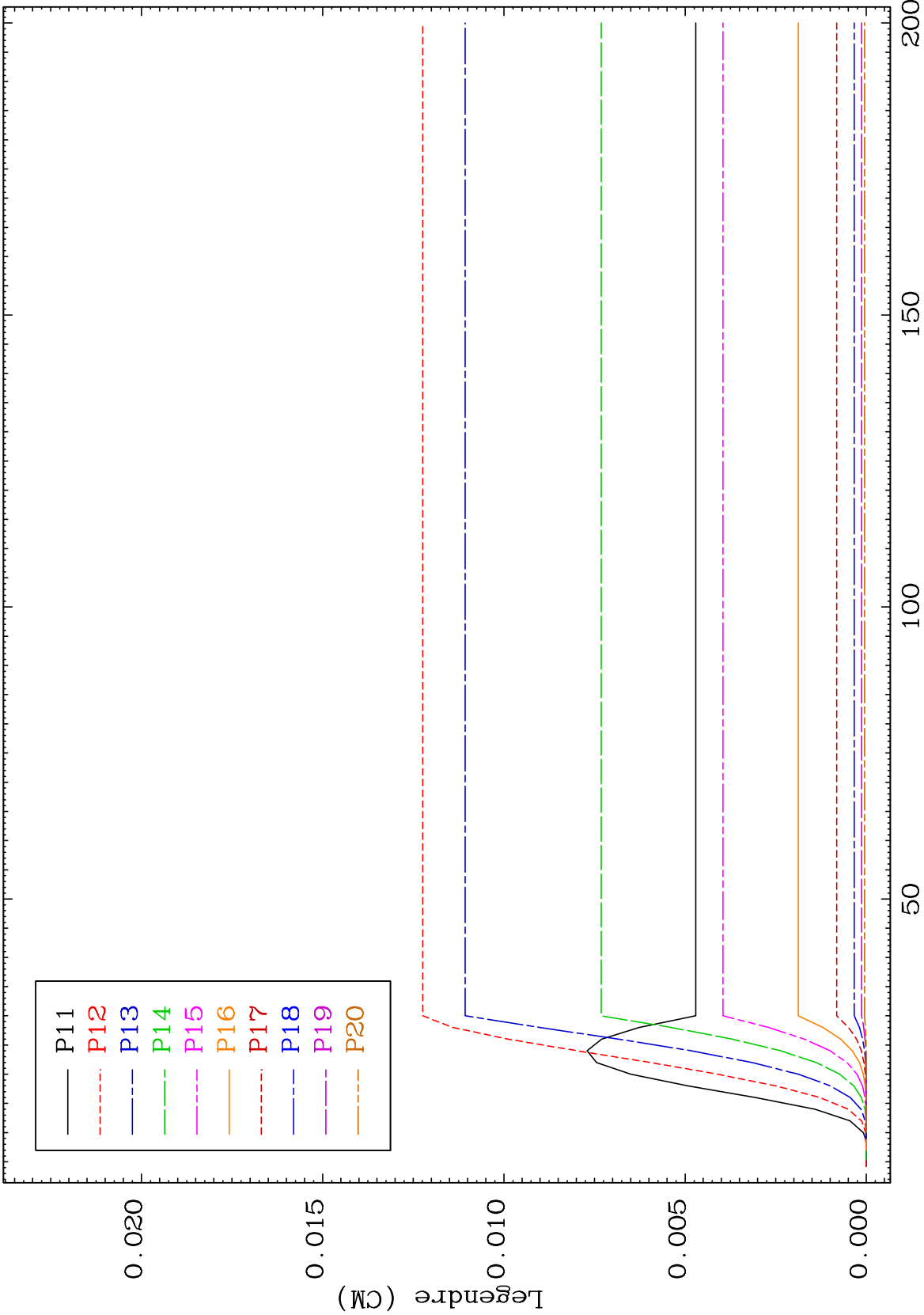
18-Ar-39



36

Incident Energy (MeV)

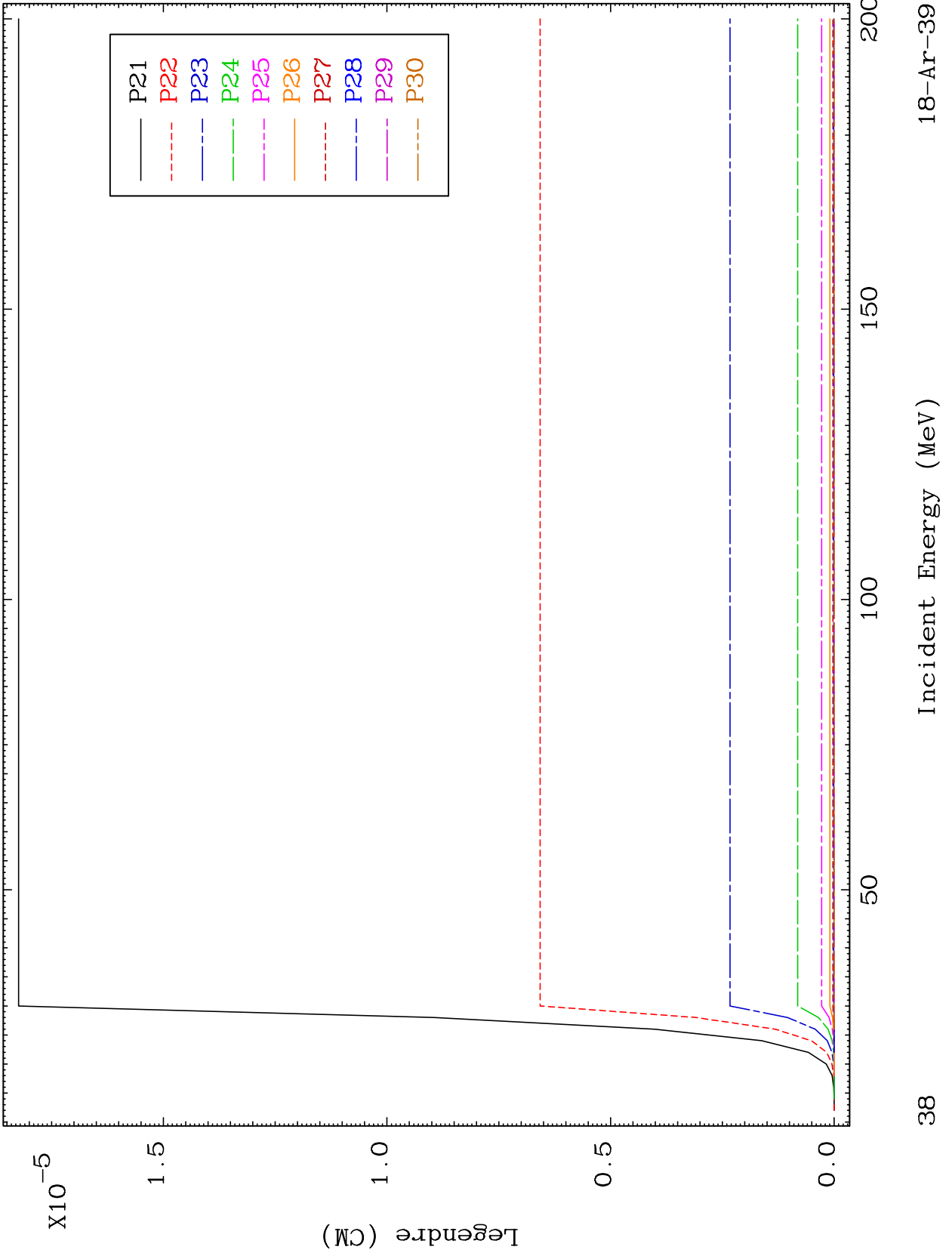
18-Ar-39



MAT 1834

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

18-Ar-39



38

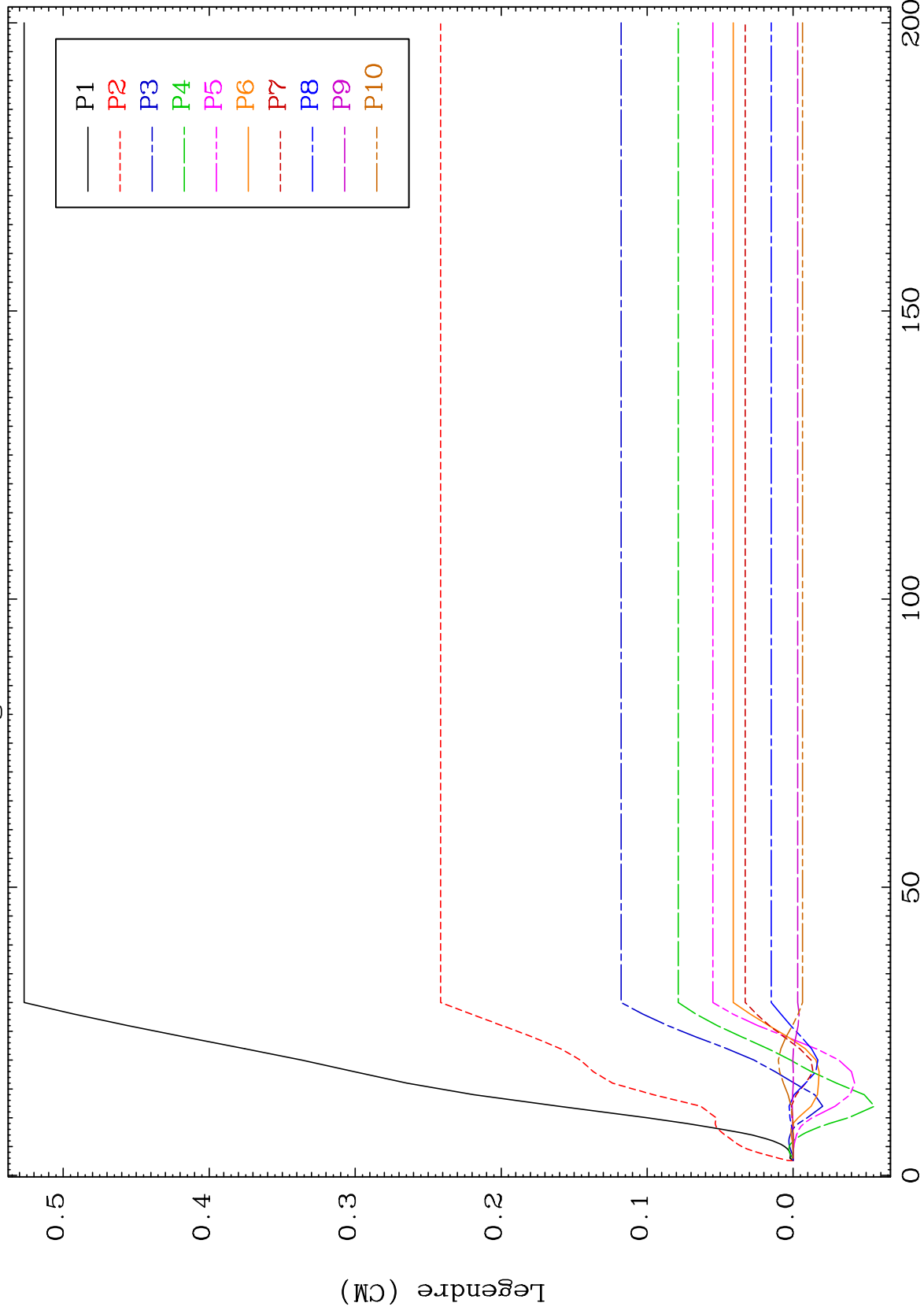
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



39

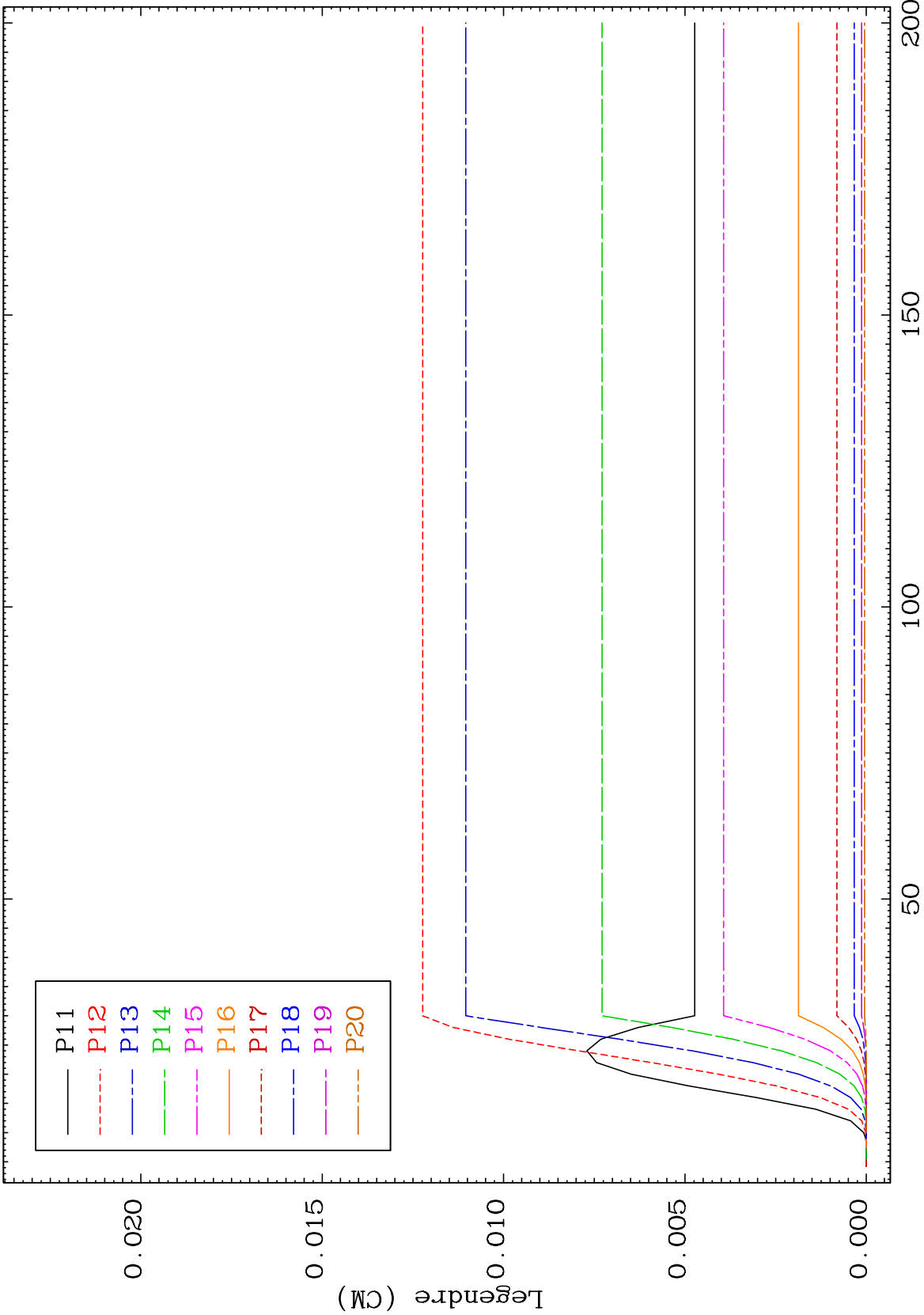
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



40

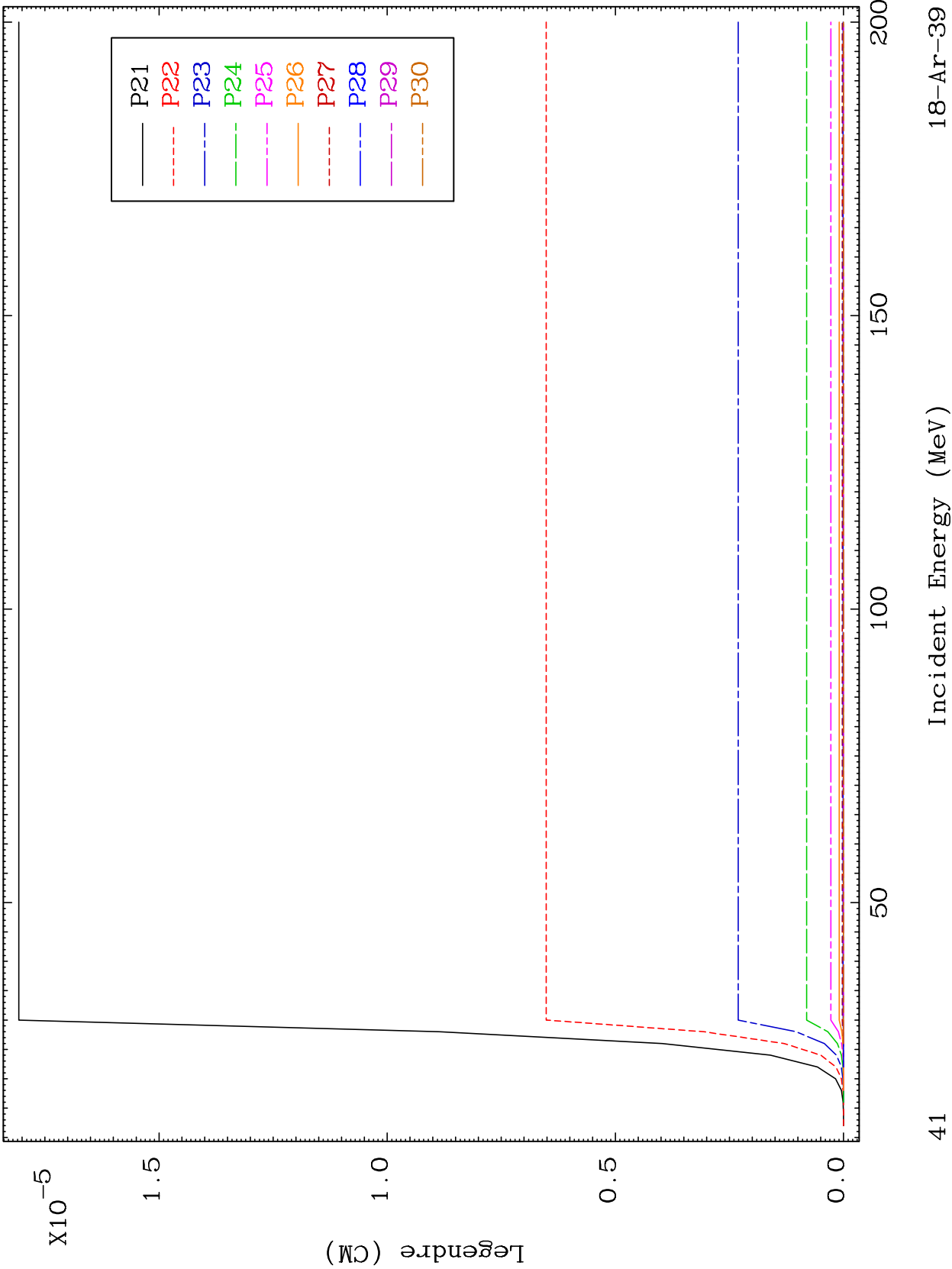
Incident Energy (MeV)

18-Ar-39

MAT 1834

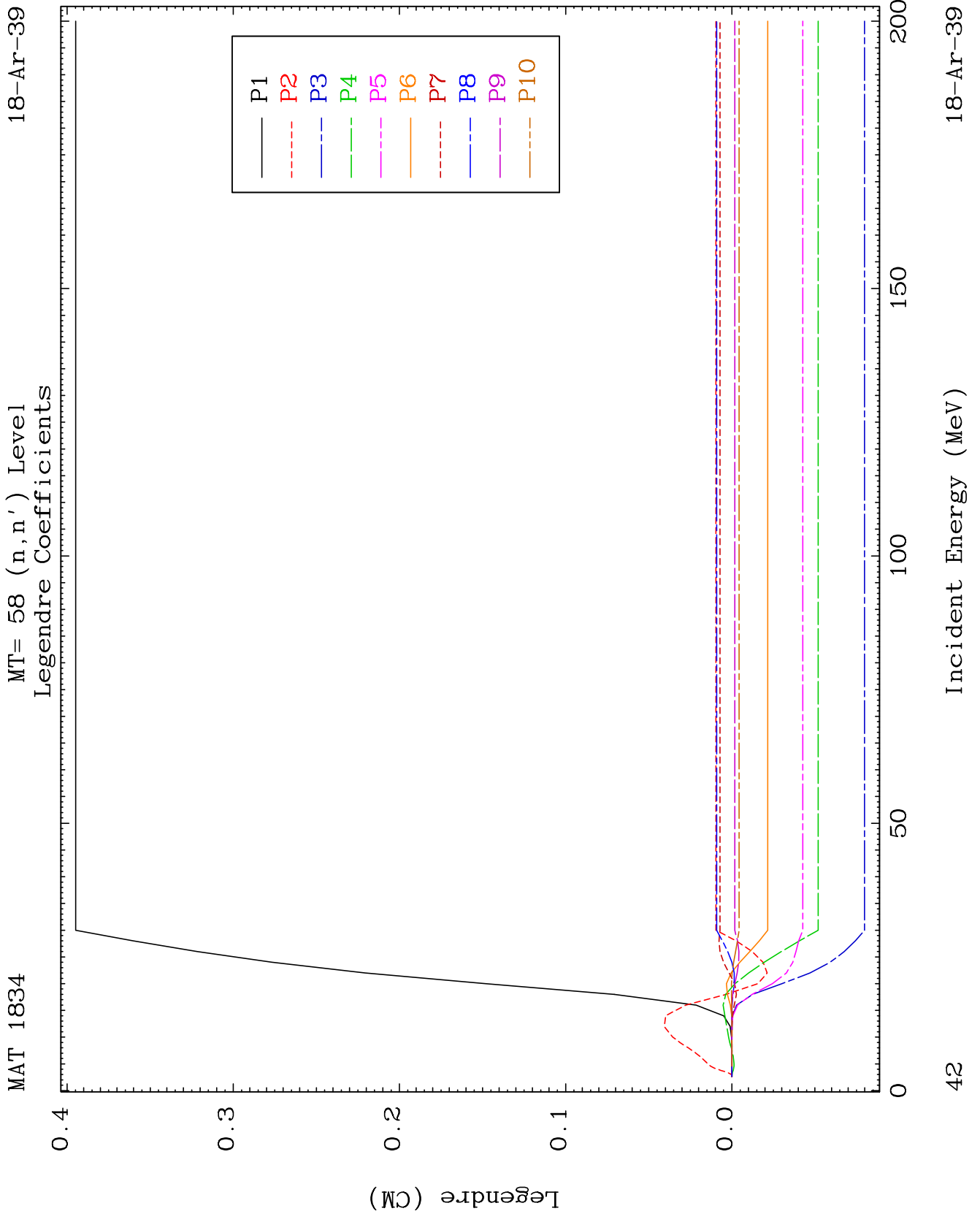
MT= 57 (n,n') Level
Legendre Coefficients

18-Ar-39



41

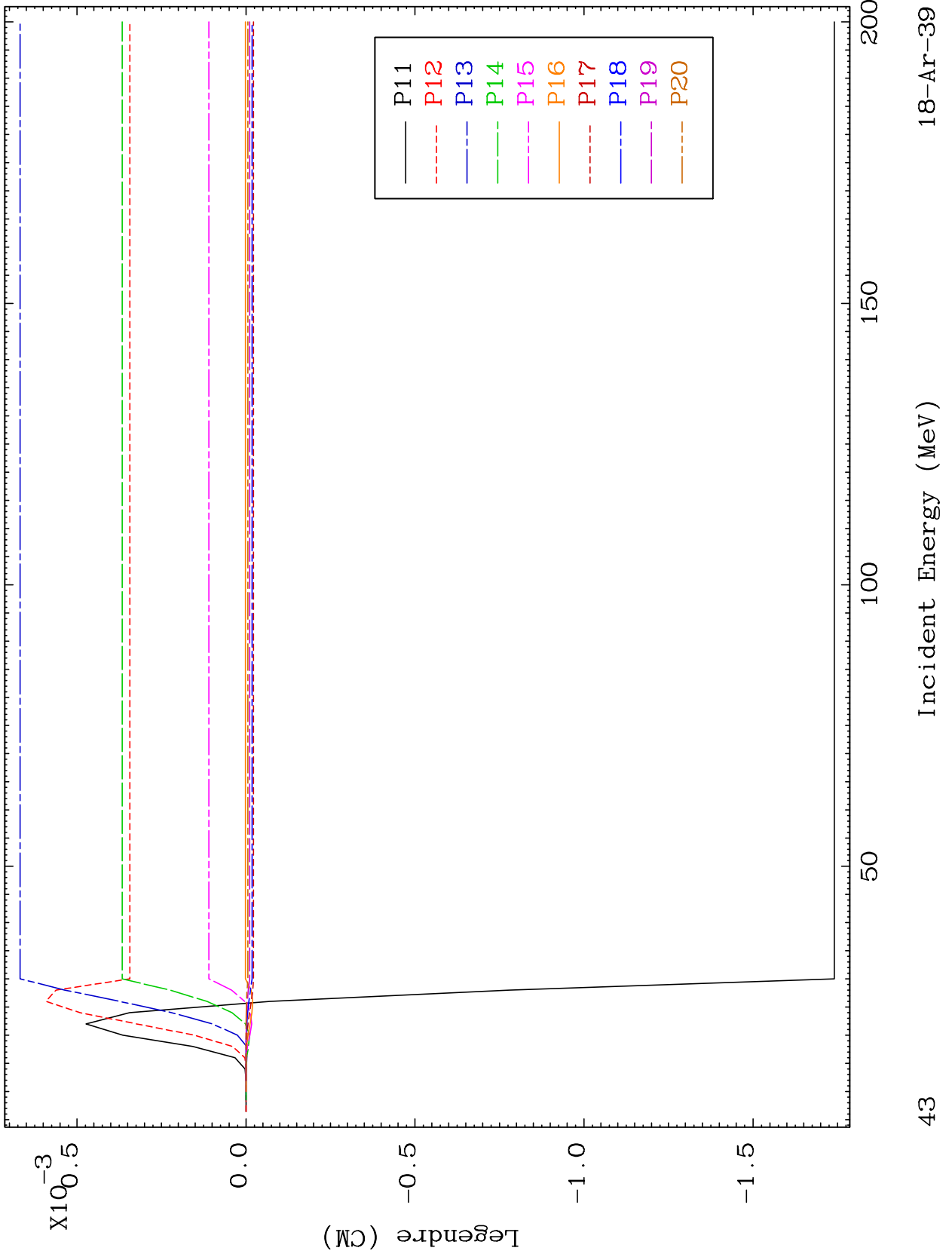
18-Ar-39



MAT 1834

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

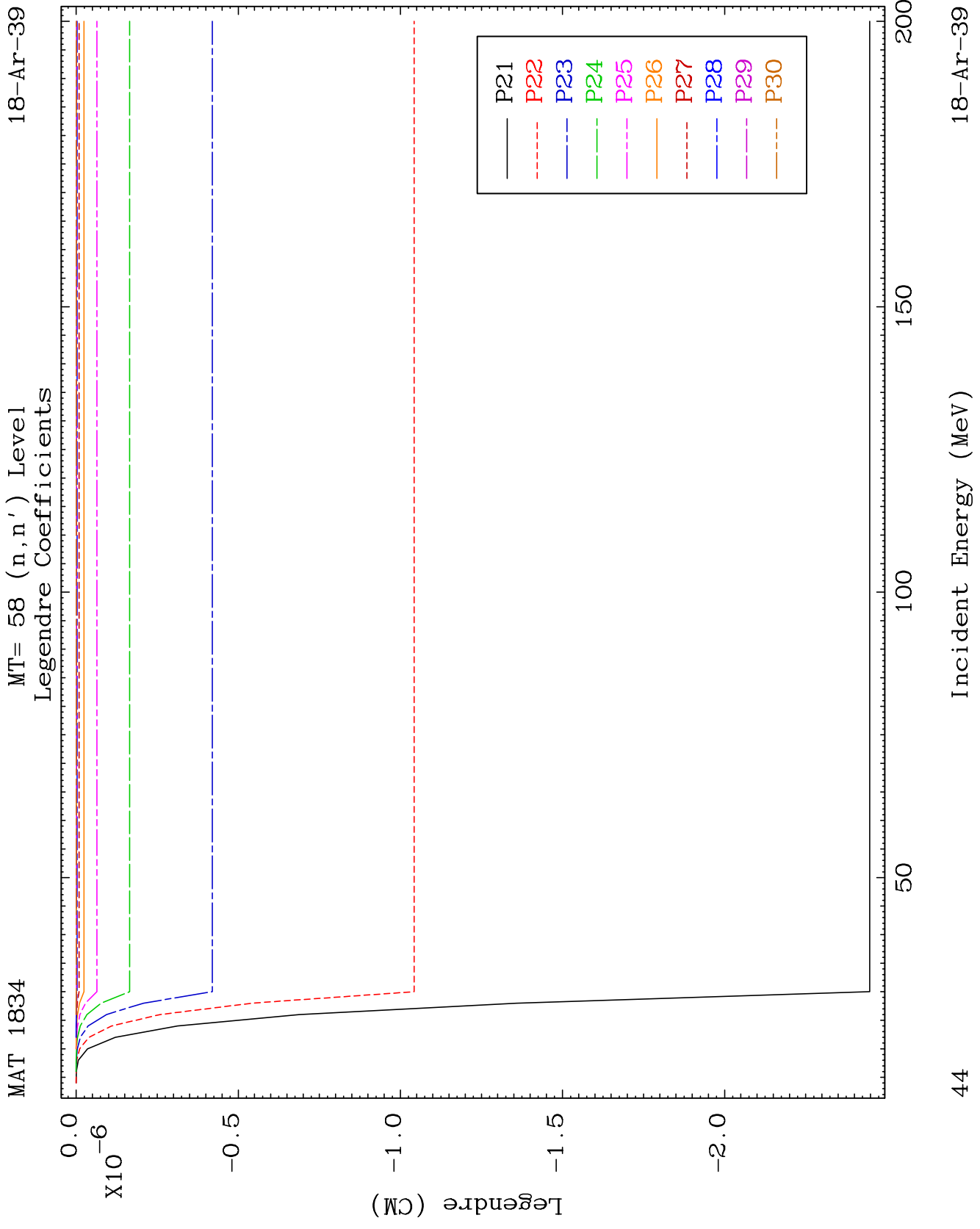
18-Ar-39



43

Incident Energy (MeV)

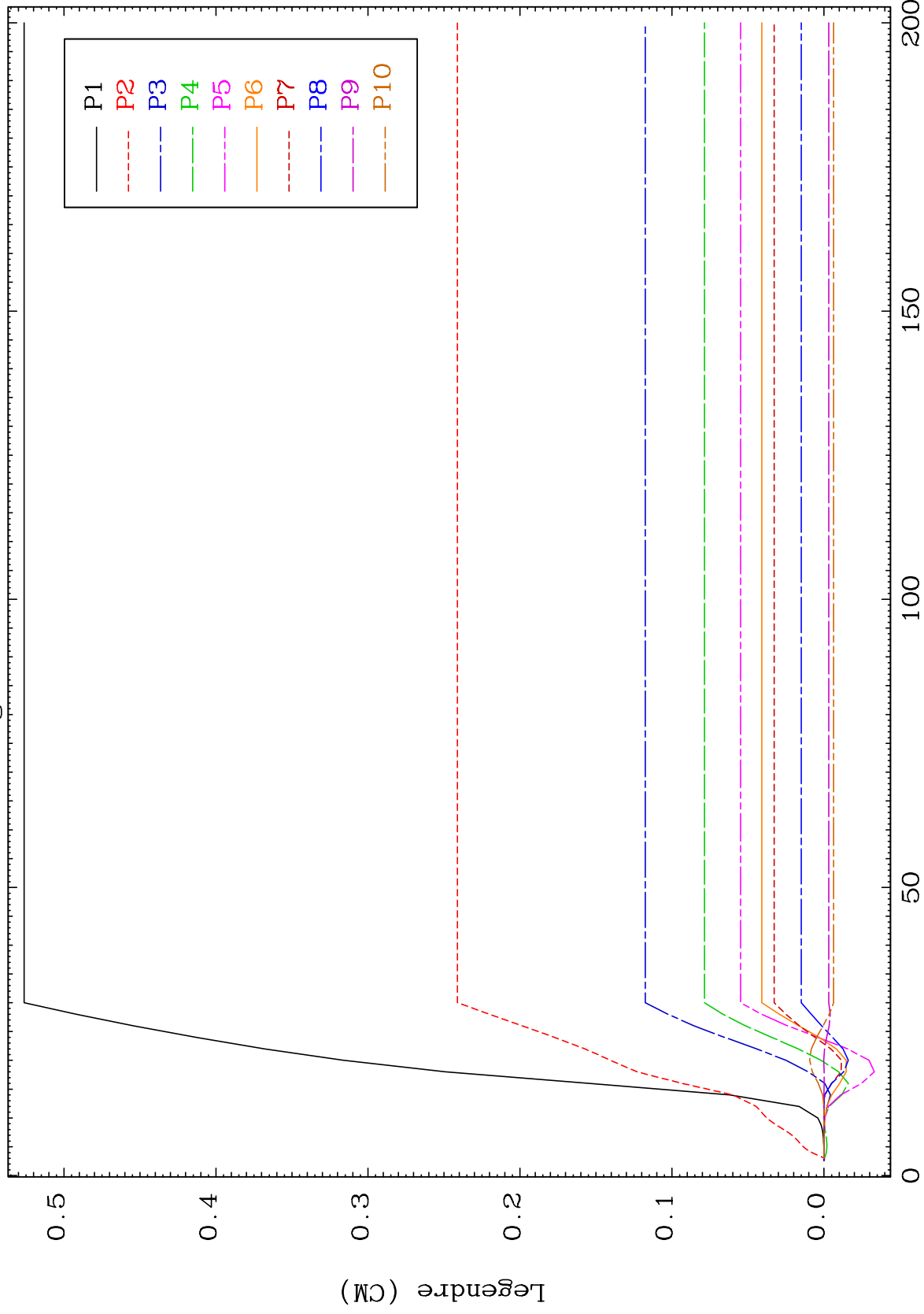
18-Ar-39



MAT 1834

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

18-Ar-39



45

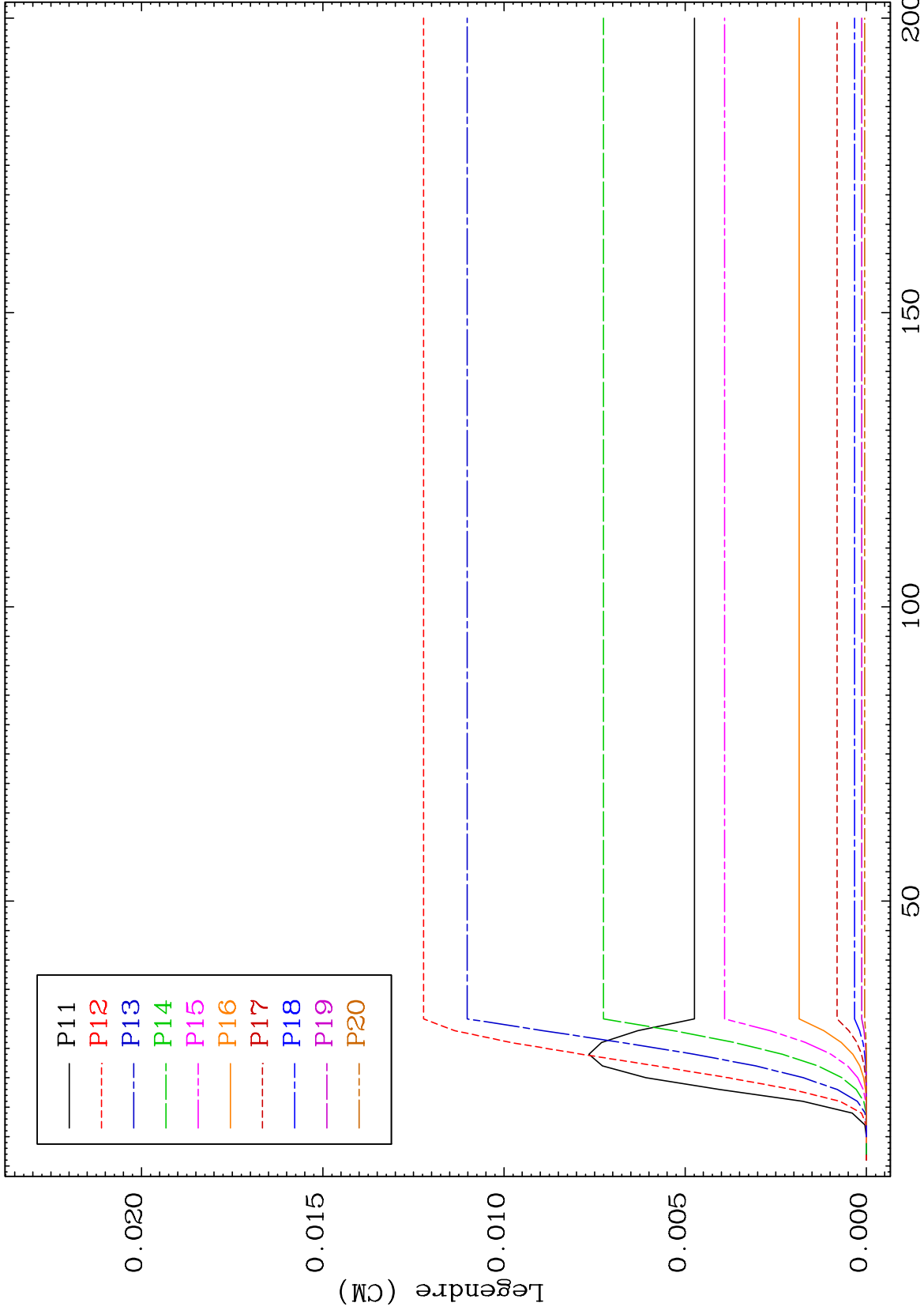
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



46

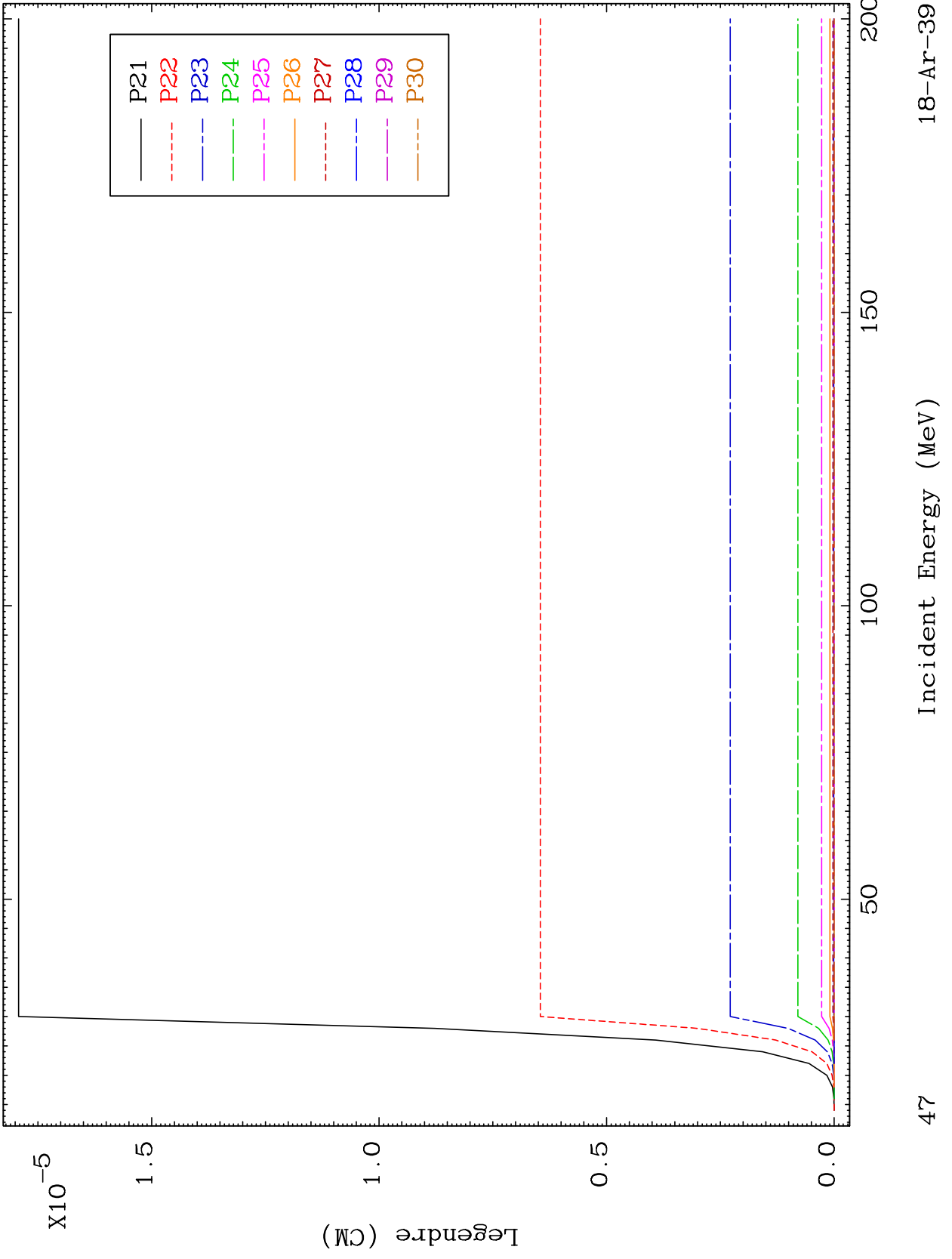
Incident Energy (MeV)

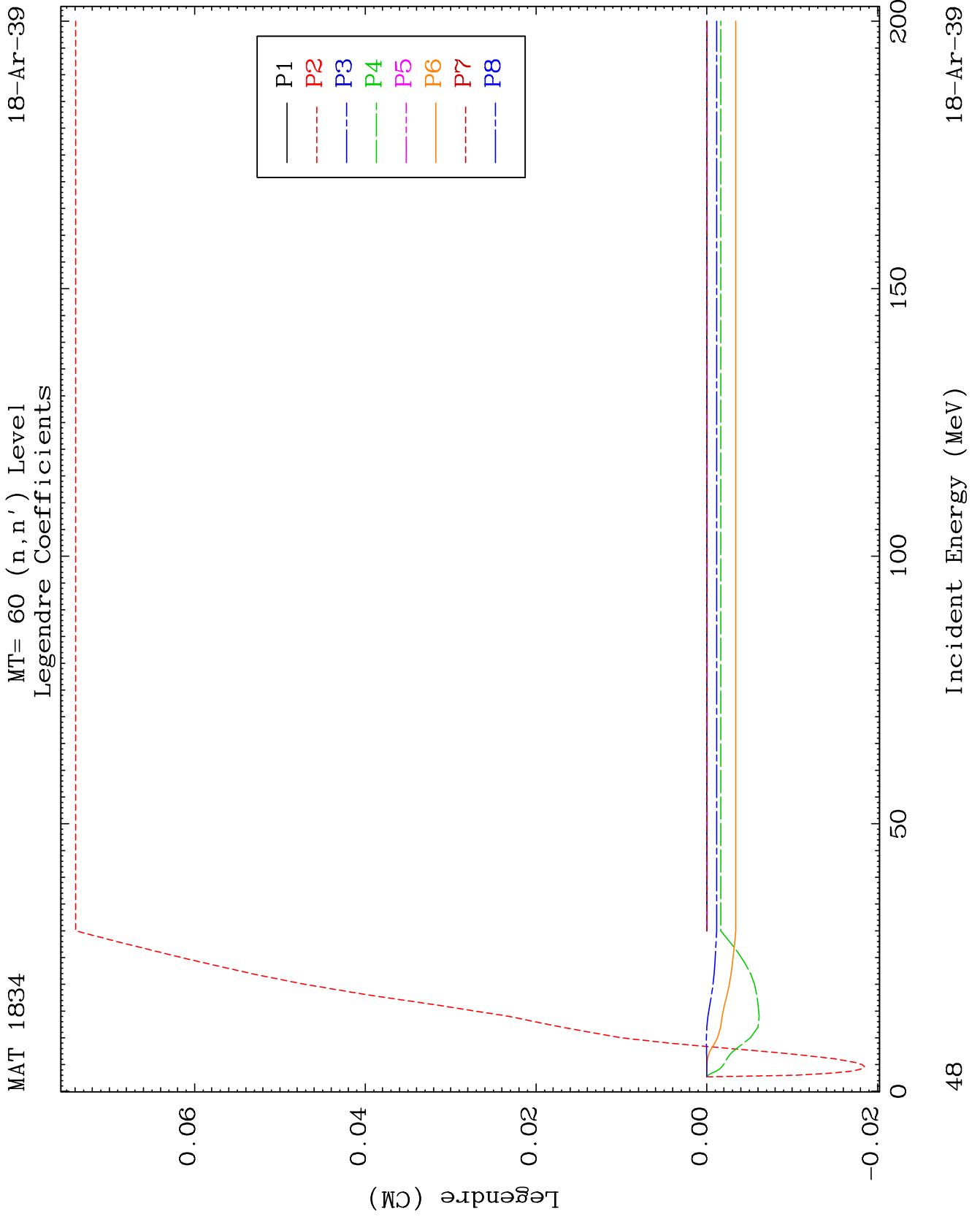
18-Ar-39

MAT 1834

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

18-Ar-39

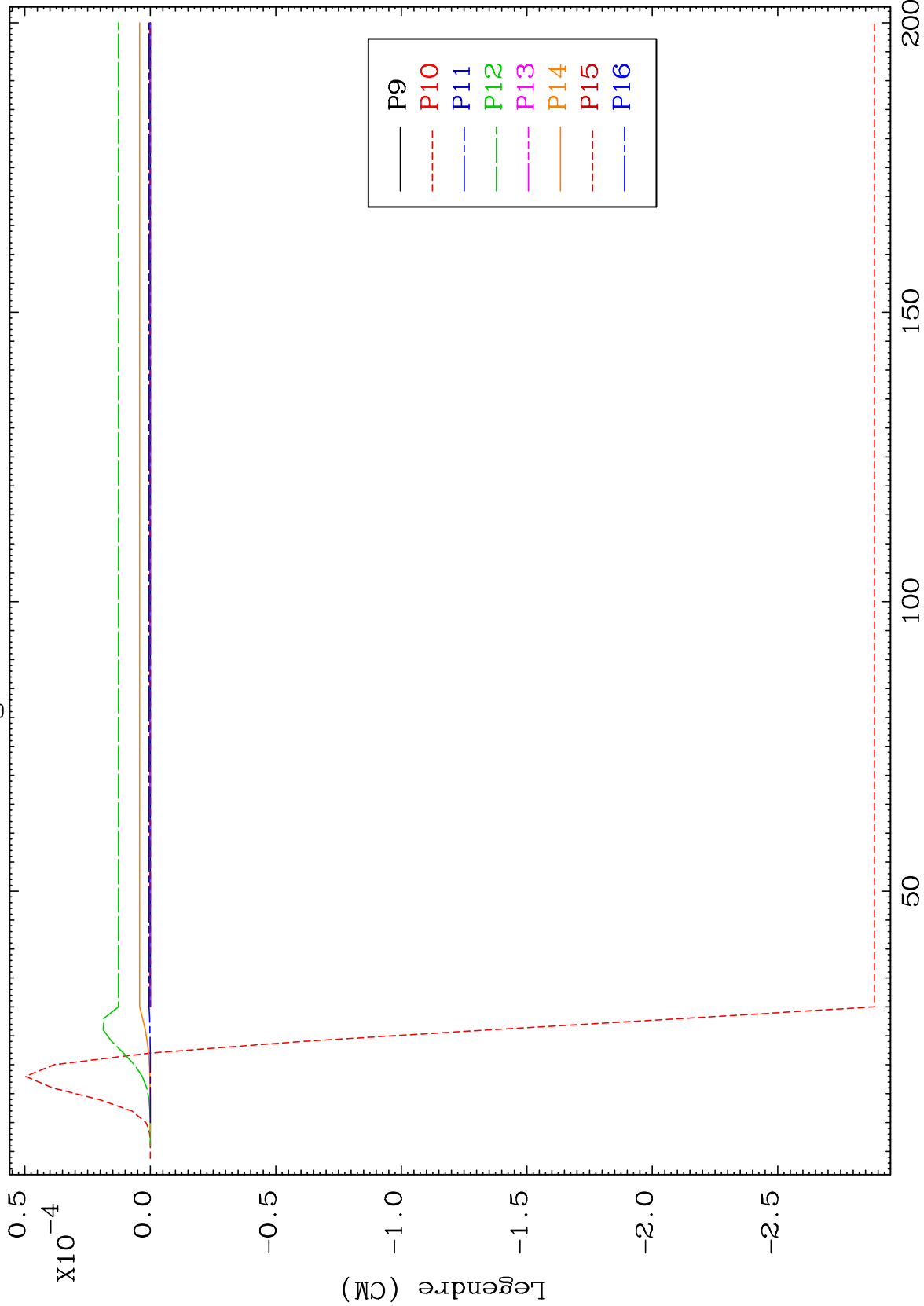




MAT 1834

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

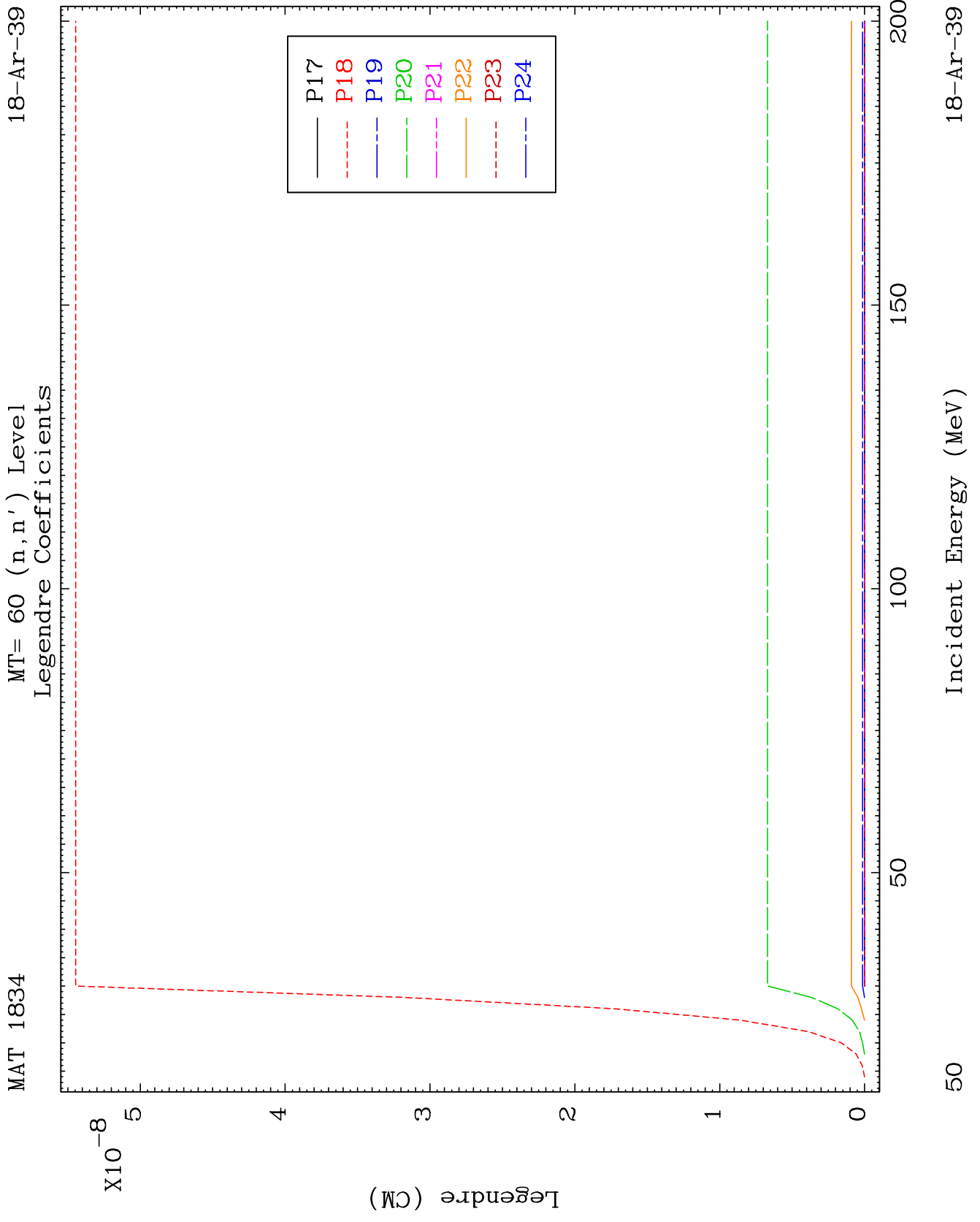
18-Ar-39



49

Incident Energy (MeV)

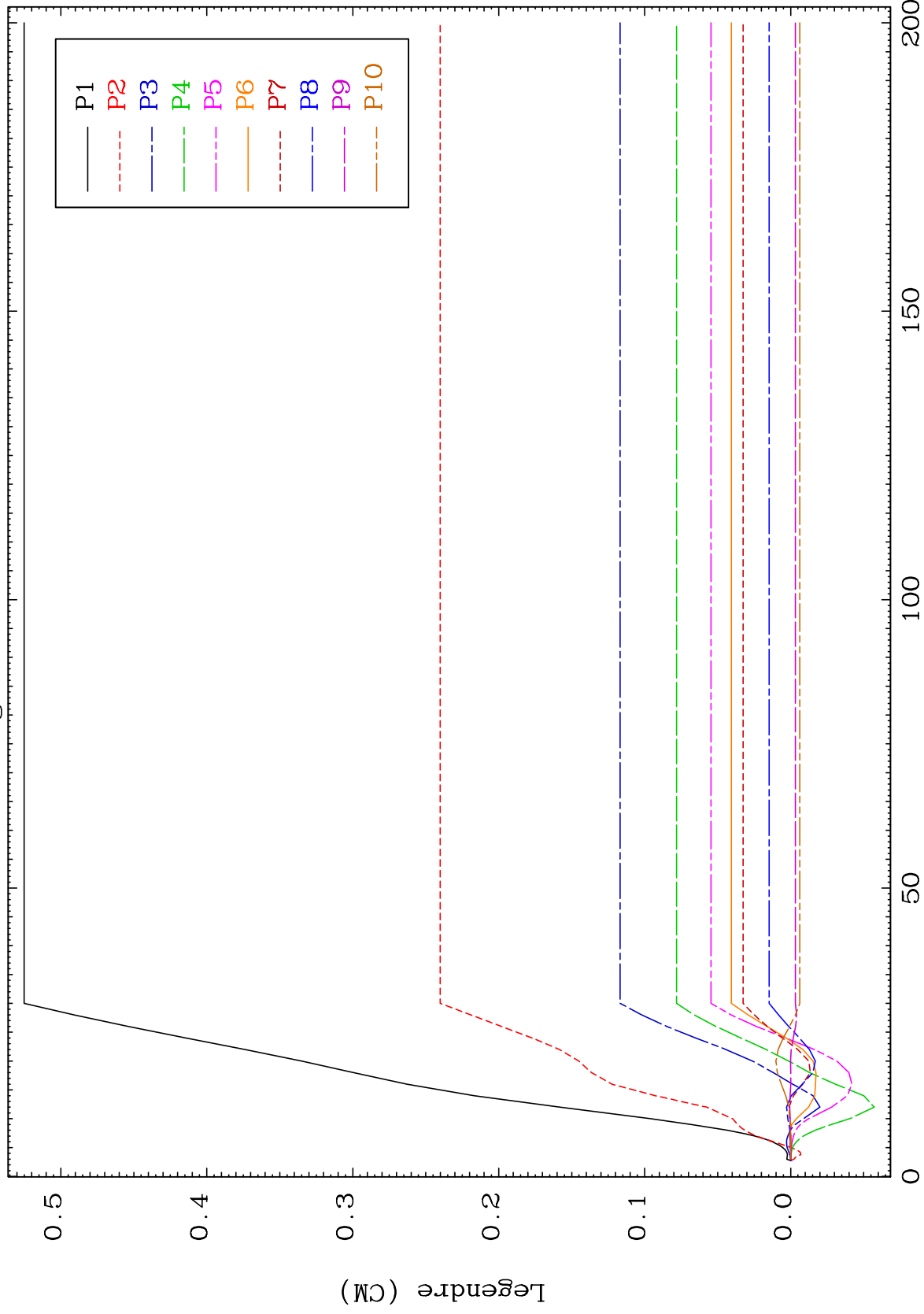
18-Ar-39



MAT 1834

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

18-Ar-39



51

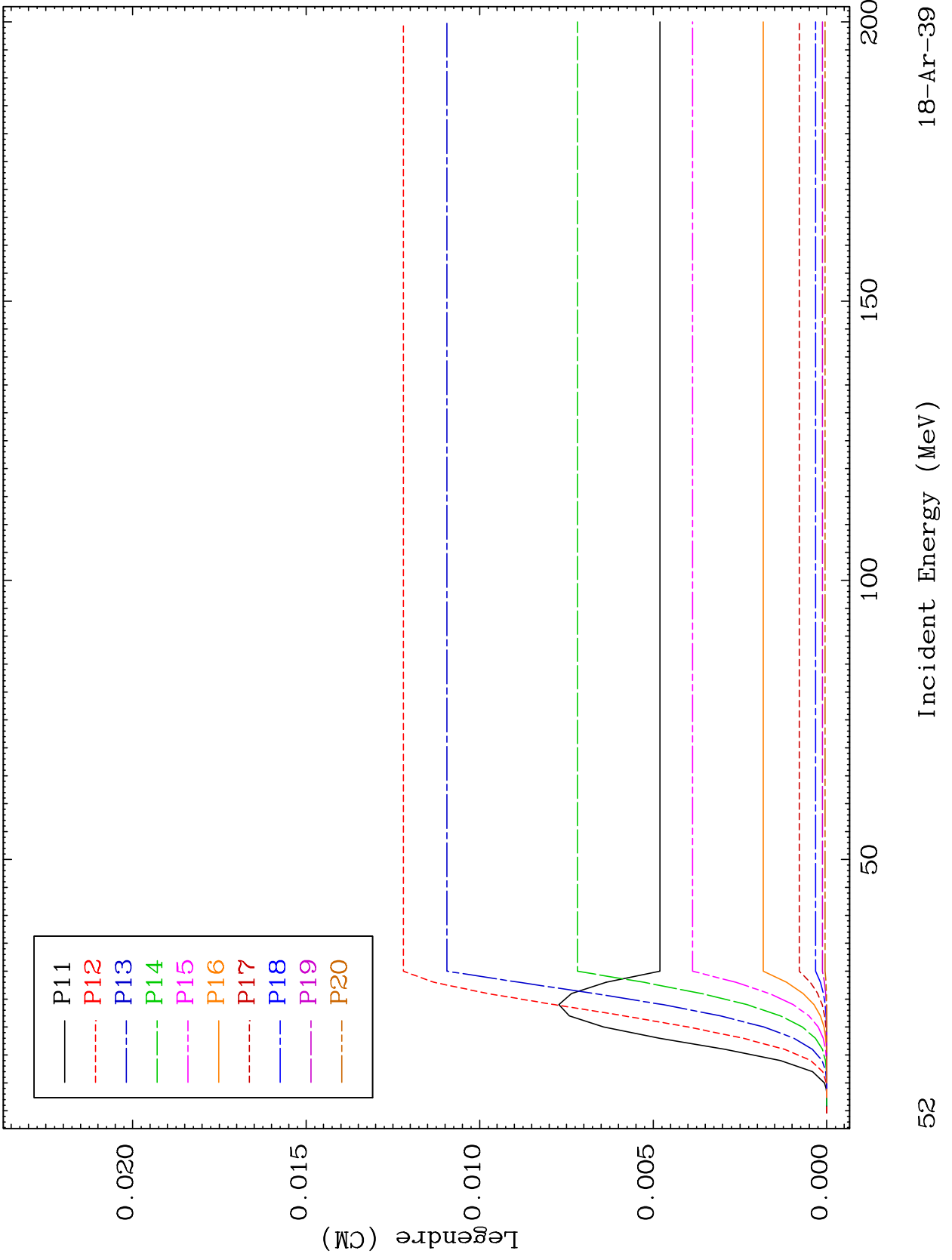
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



52

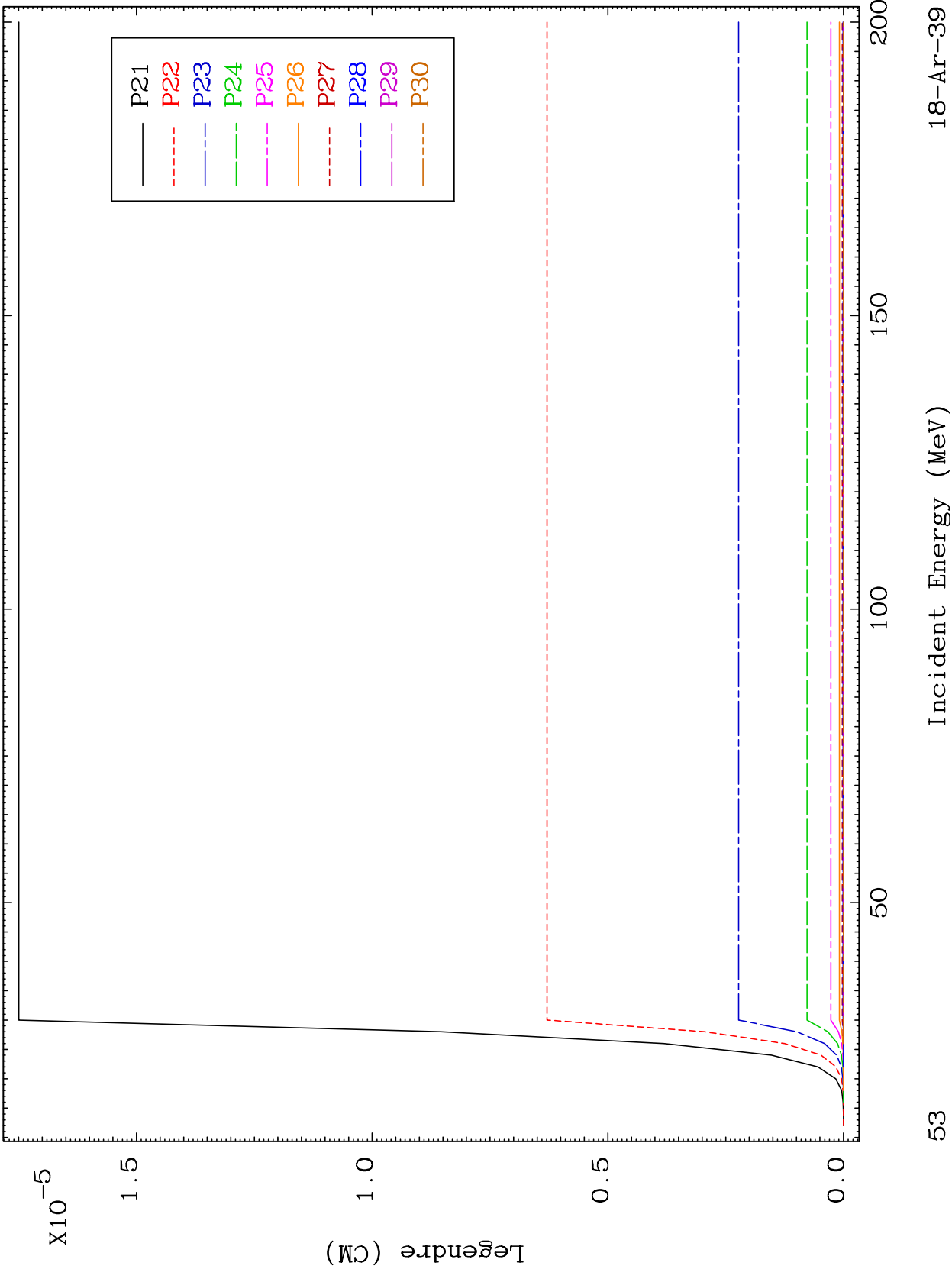
Incident Energy (MeV)

18-Ar-39

MAT 1834

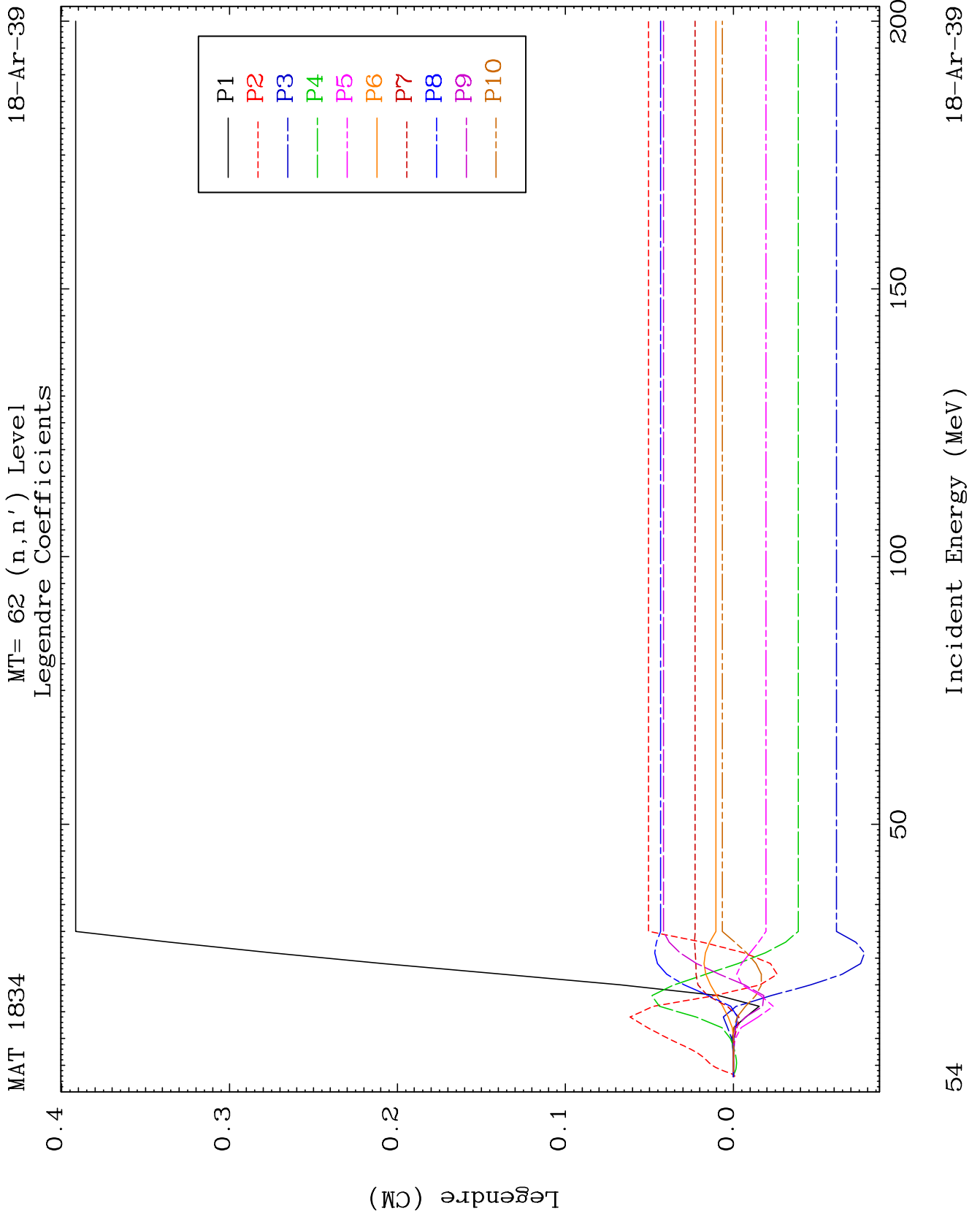
MT= 61 (n,n') Level
Legendre Coefficients

18-Ar-39



53

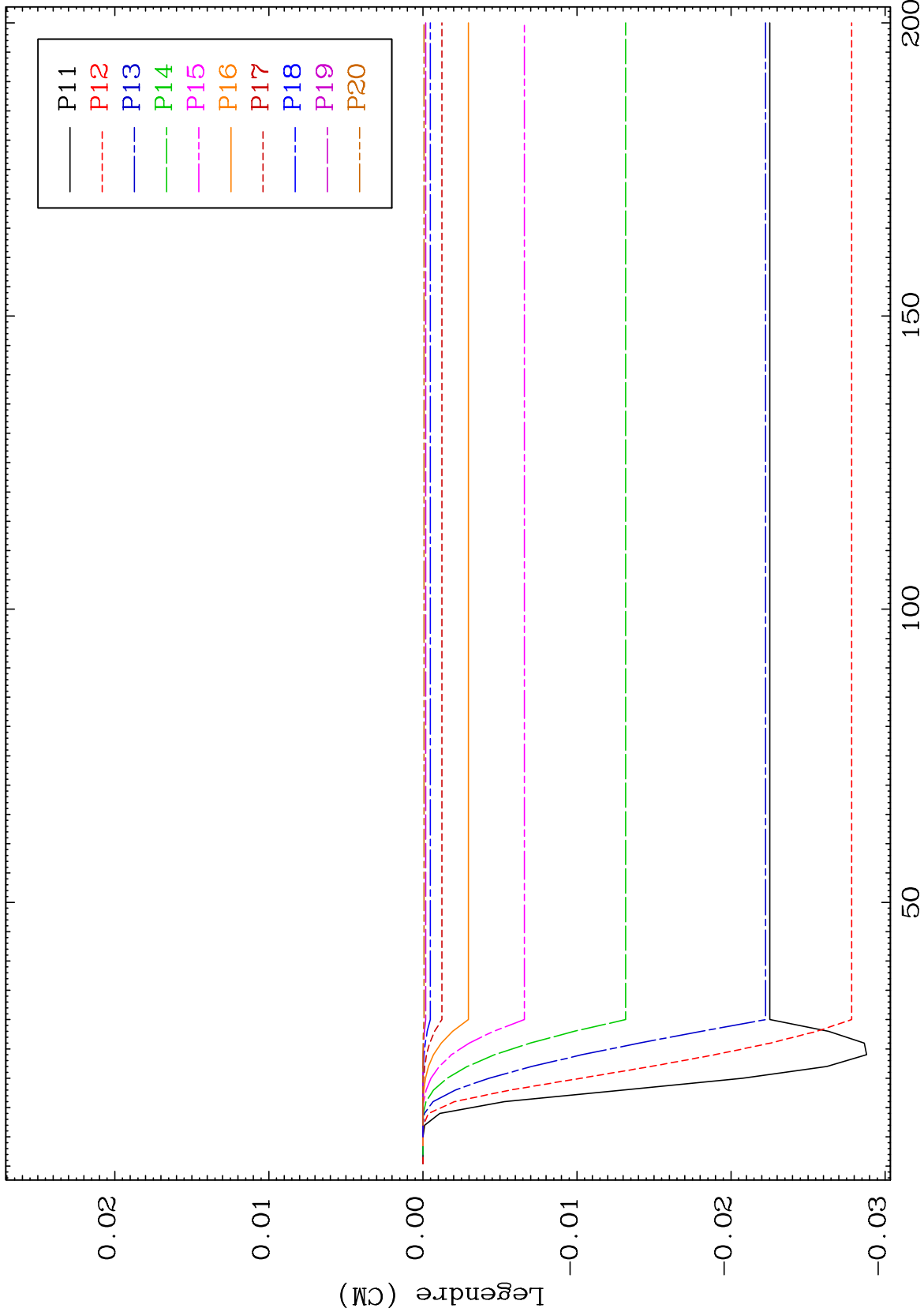
18-Ar-39



MAT 1834

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

18-Ar-39



55

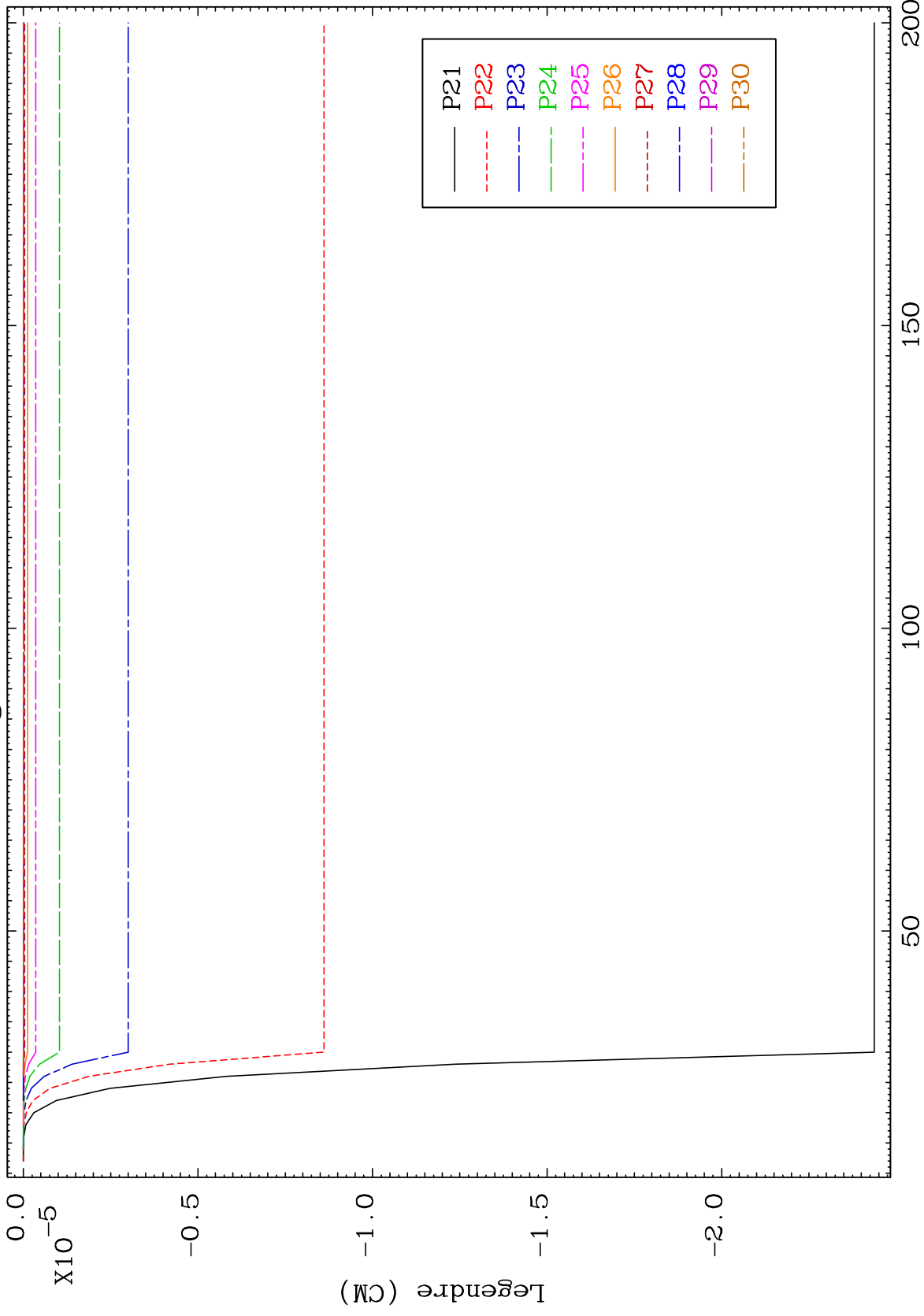
Incident Energy (MeV)

18-Ar-39

MAT 1834

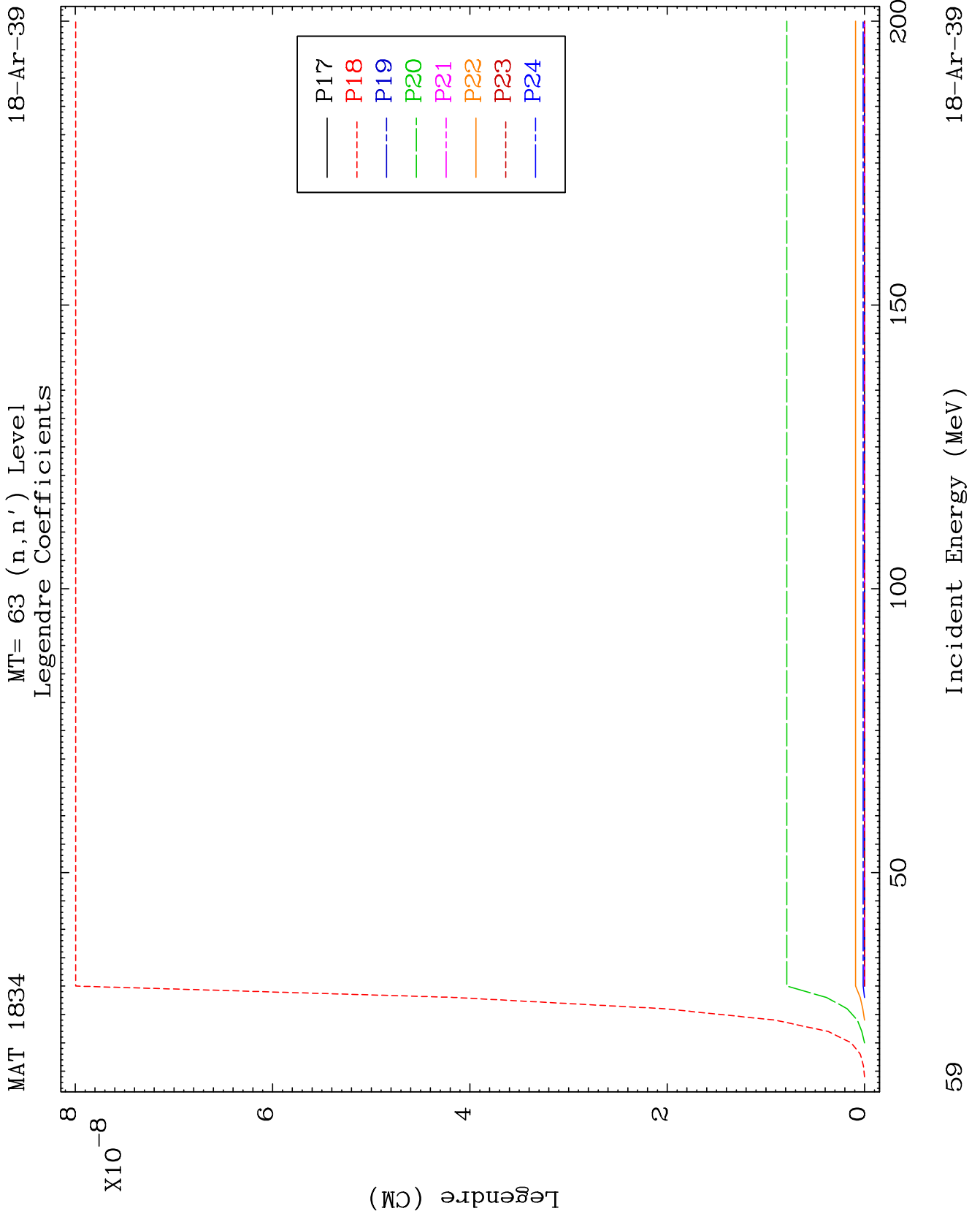
MT= 62 (n,n') Level
Legendre Coefficients

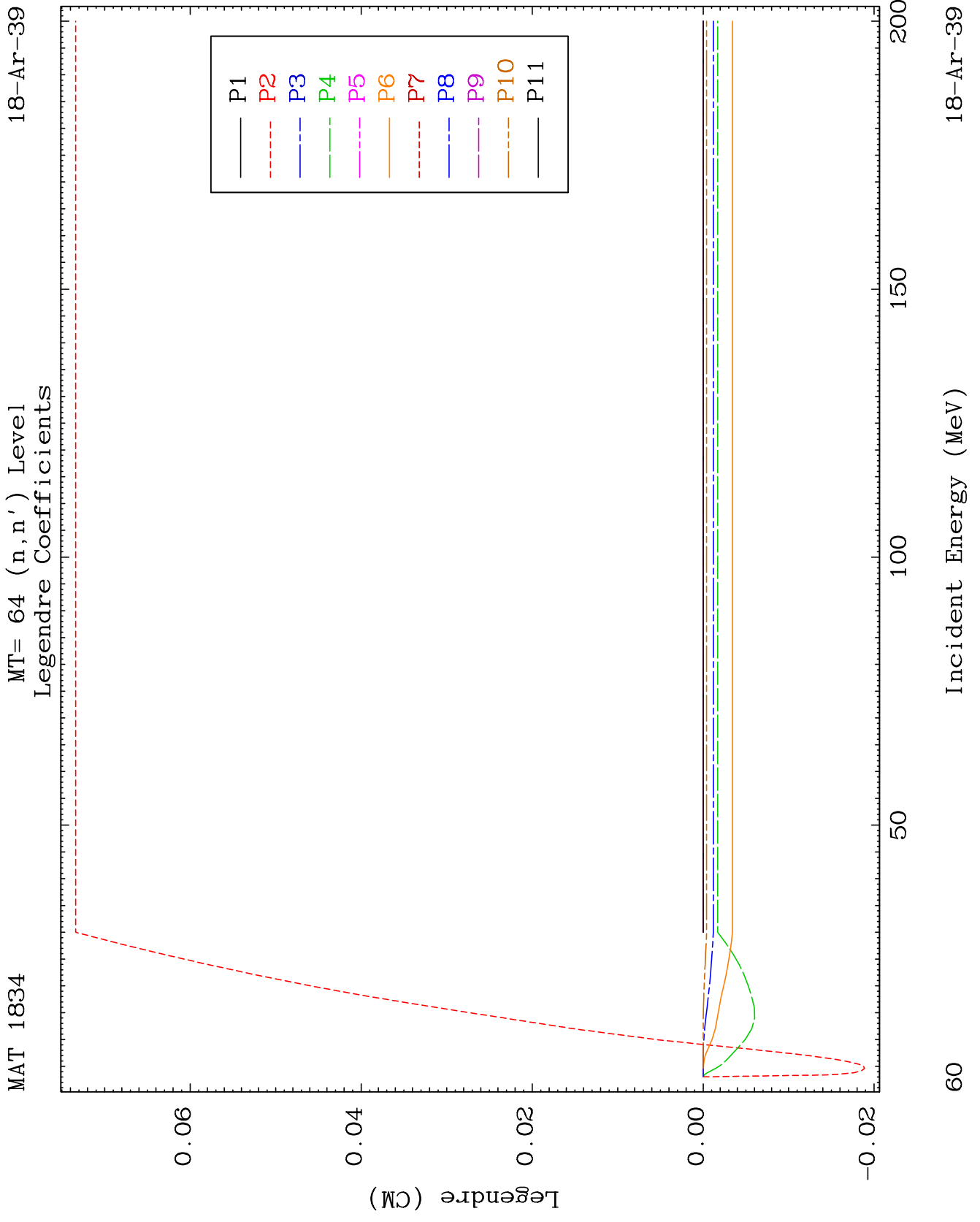
18-Ar-39



56

18-Ar-39

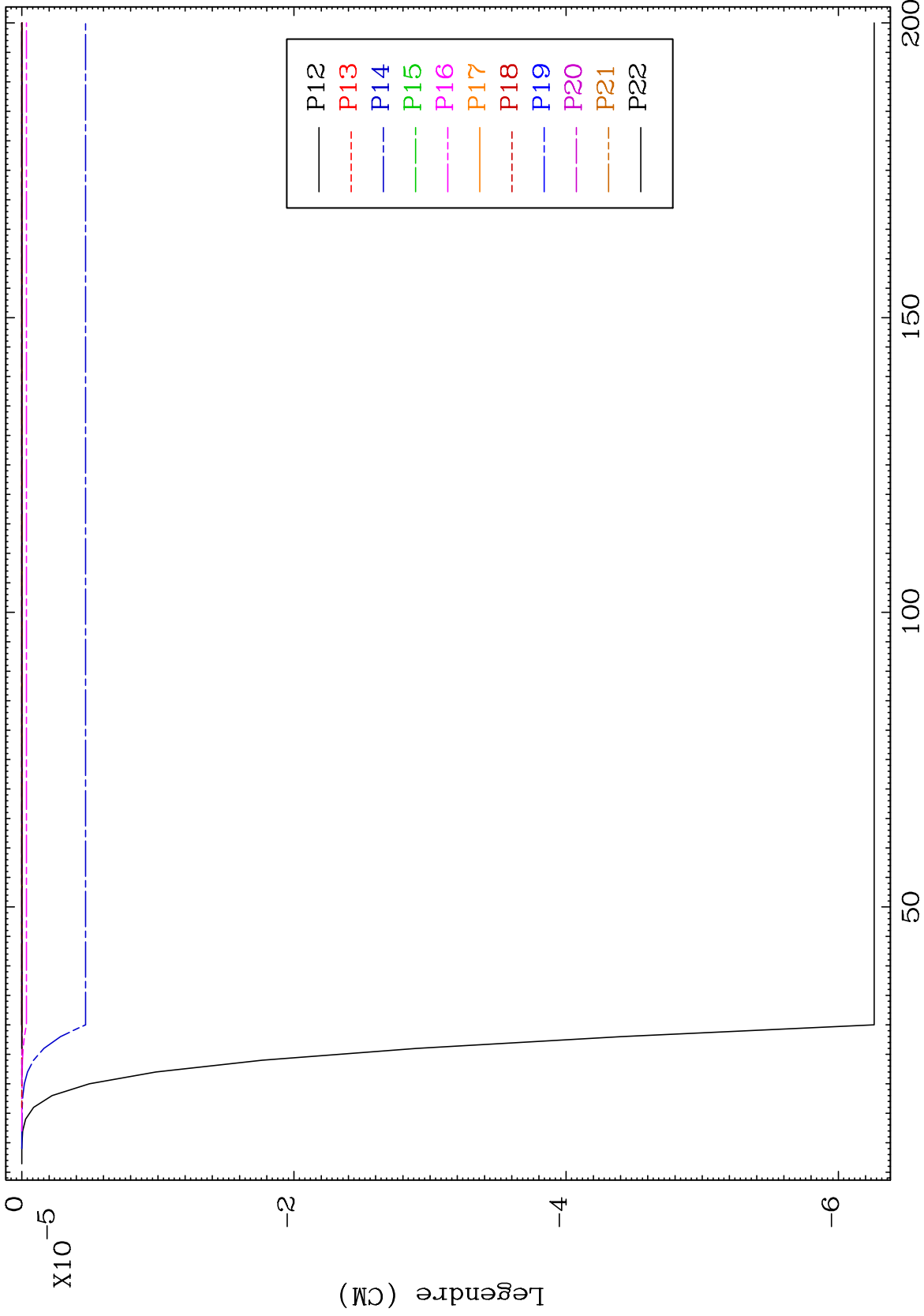




MAT 1834

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

18-Ar-39



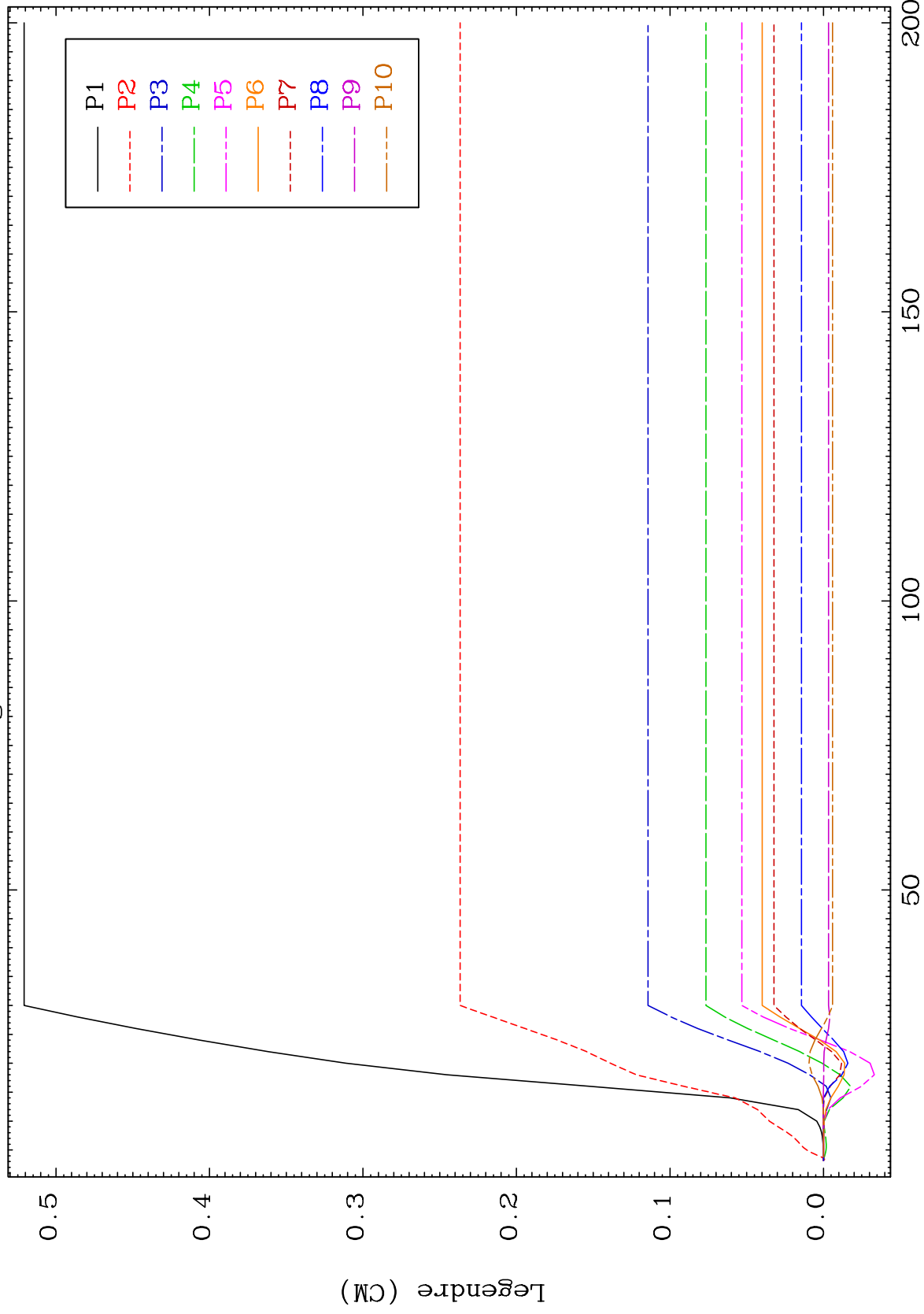
61

18-Ar-39

MAT 1834

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

18-Ar-39



62

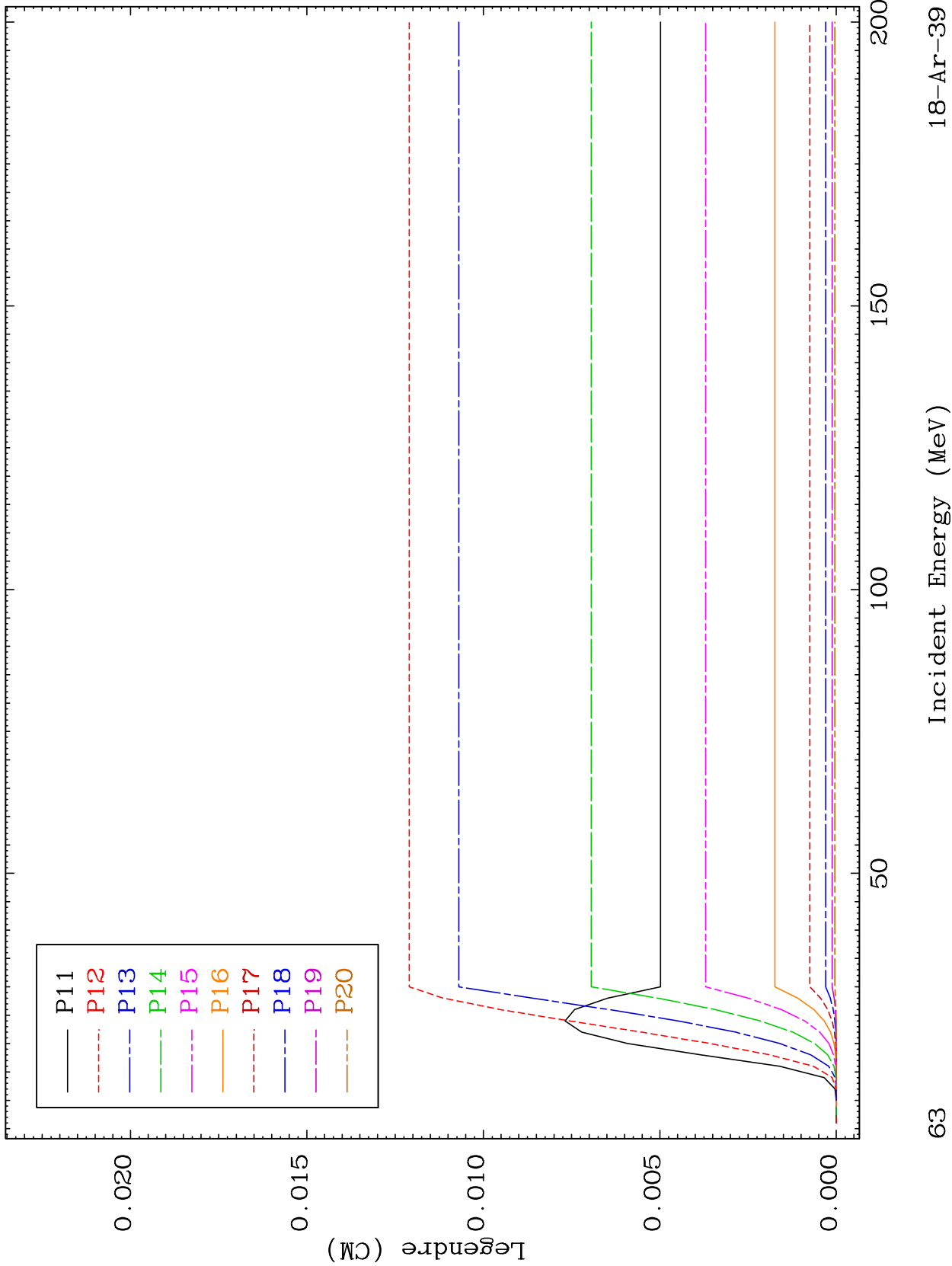
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



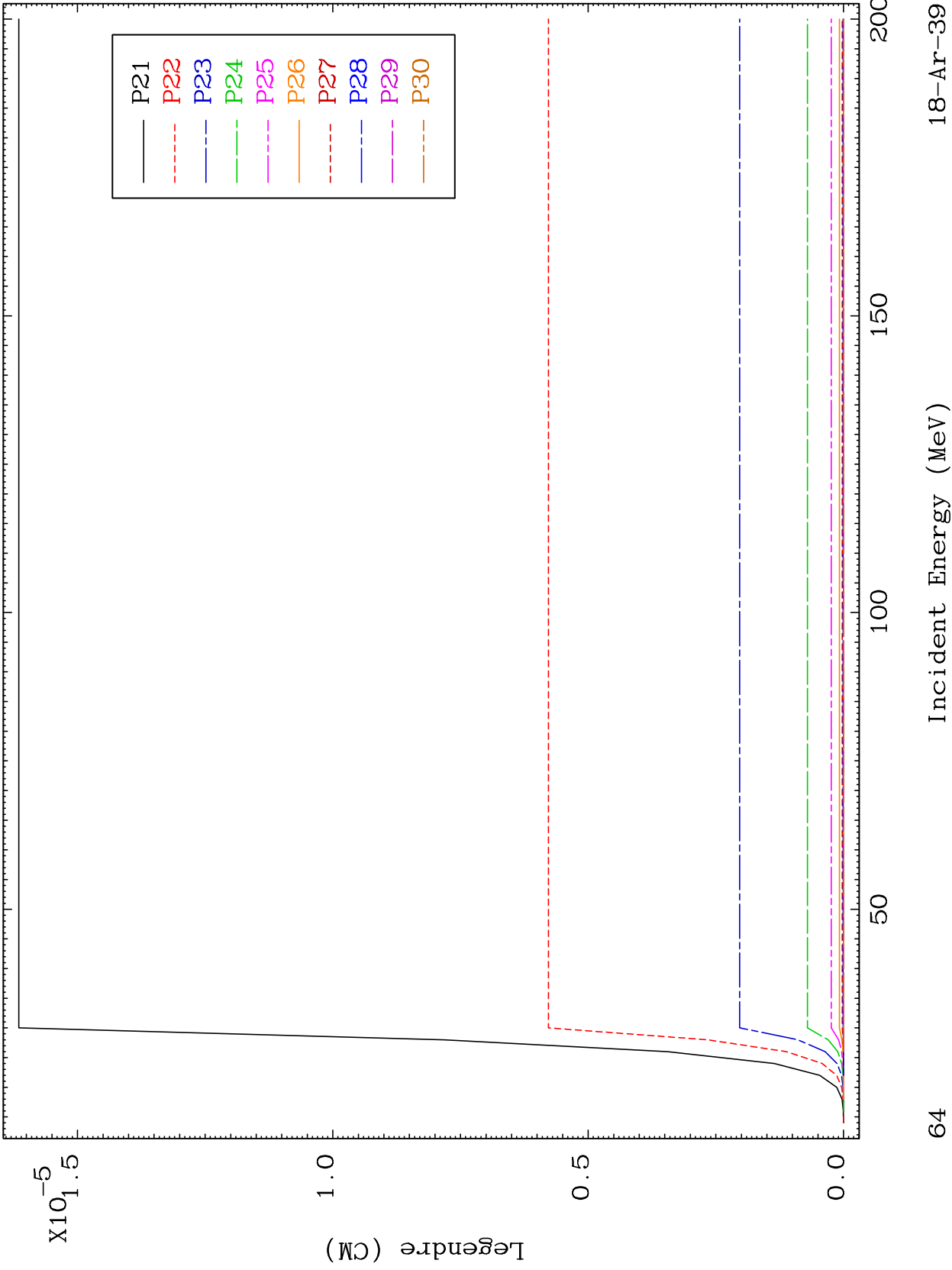
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18-Ar-39

MAT 1834

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

18-Ar-39



64

Incident Energy (MeV)

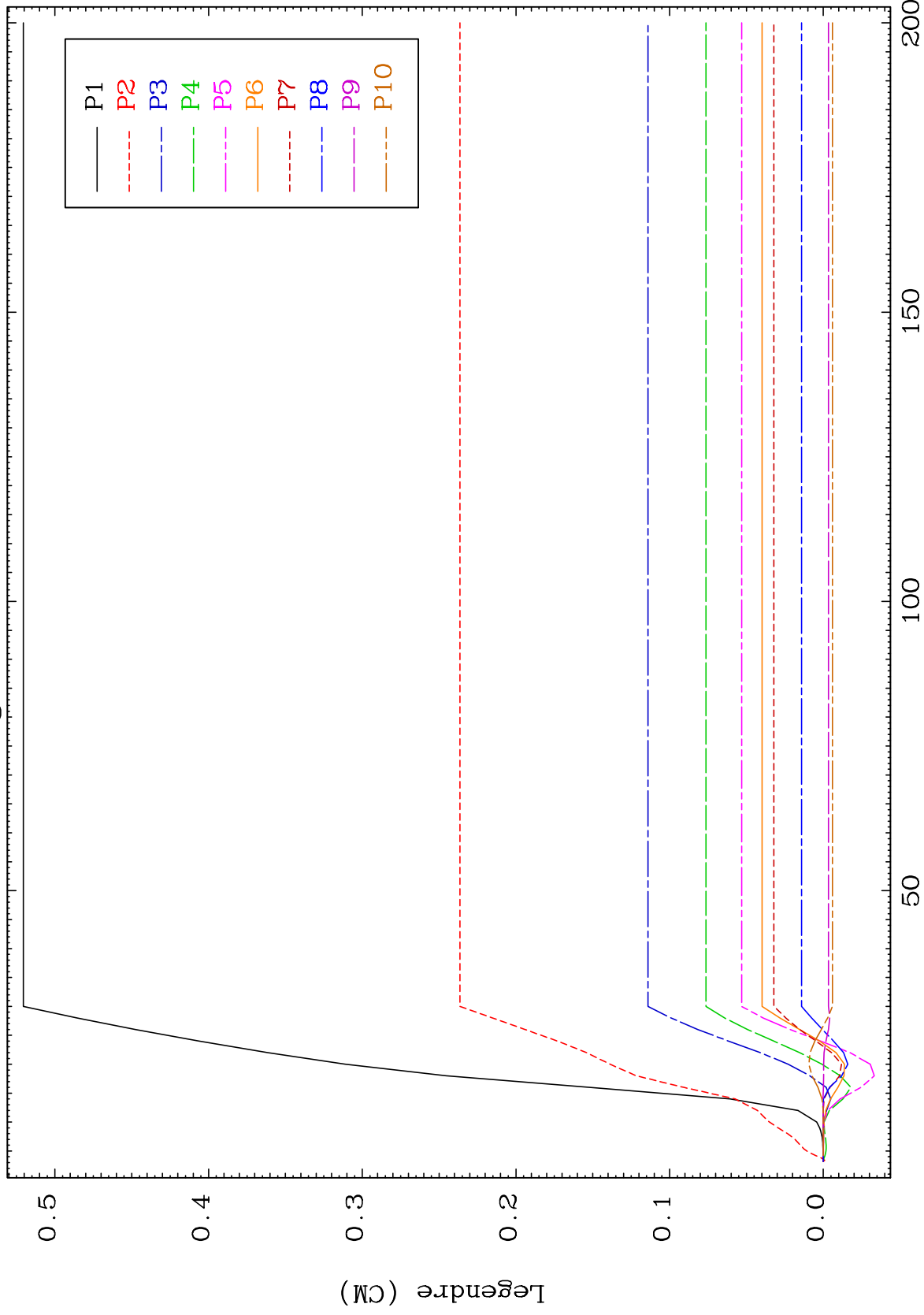
18-Ar-39

MAT 1834

MT= 66 (n,n') Level

18-Ar-39

Legendre Coefficients



65

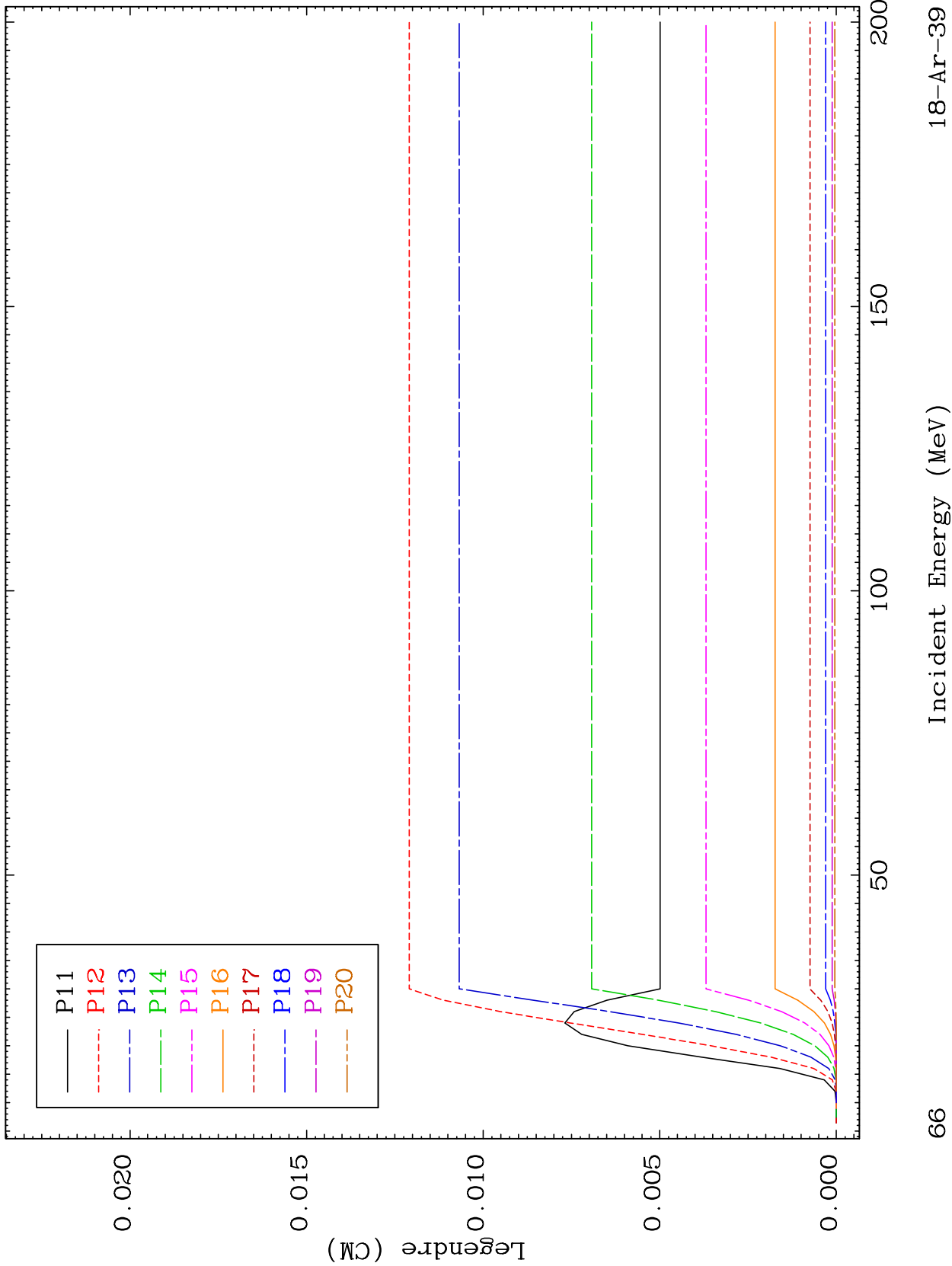
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



66

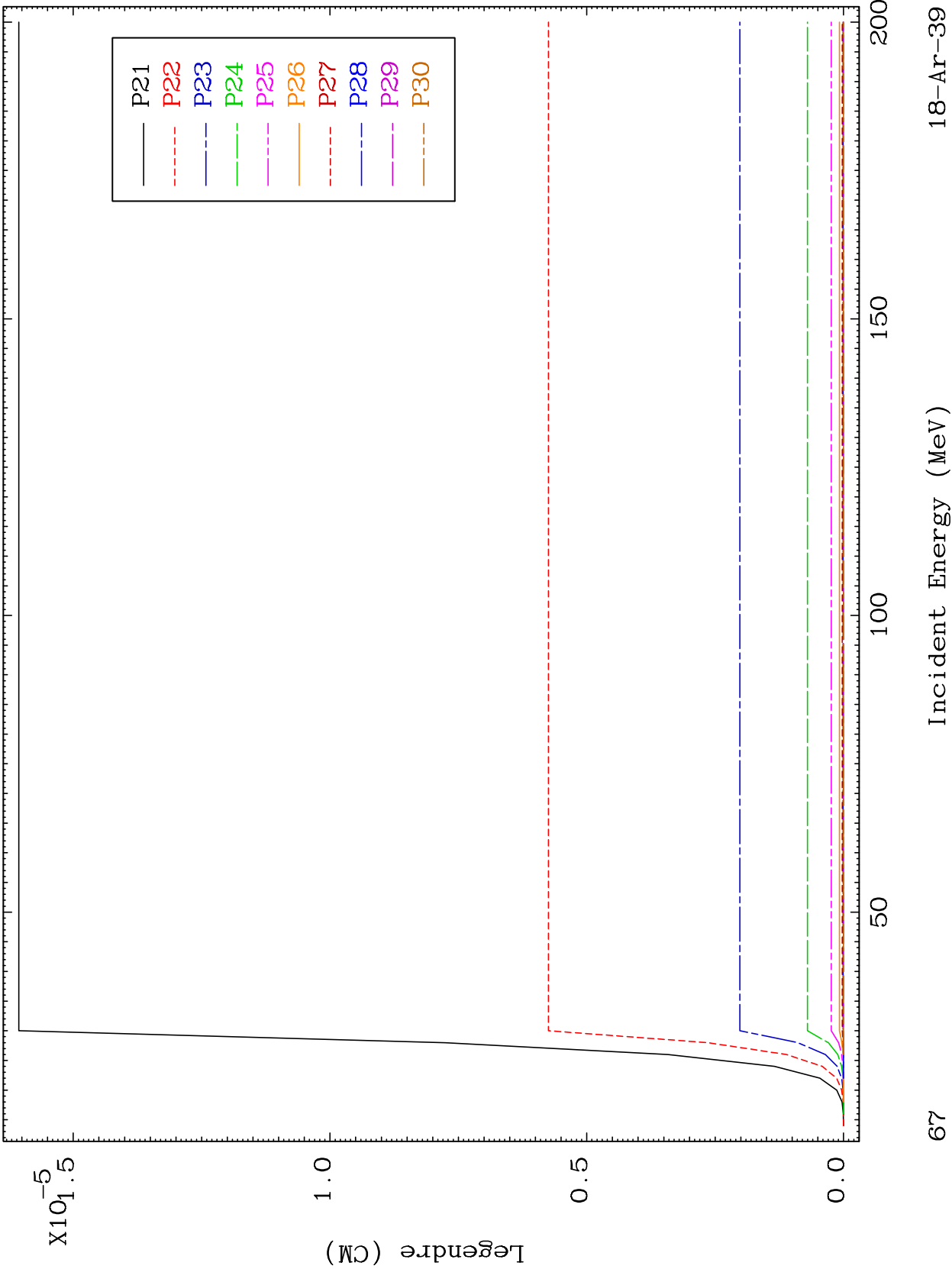
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



67

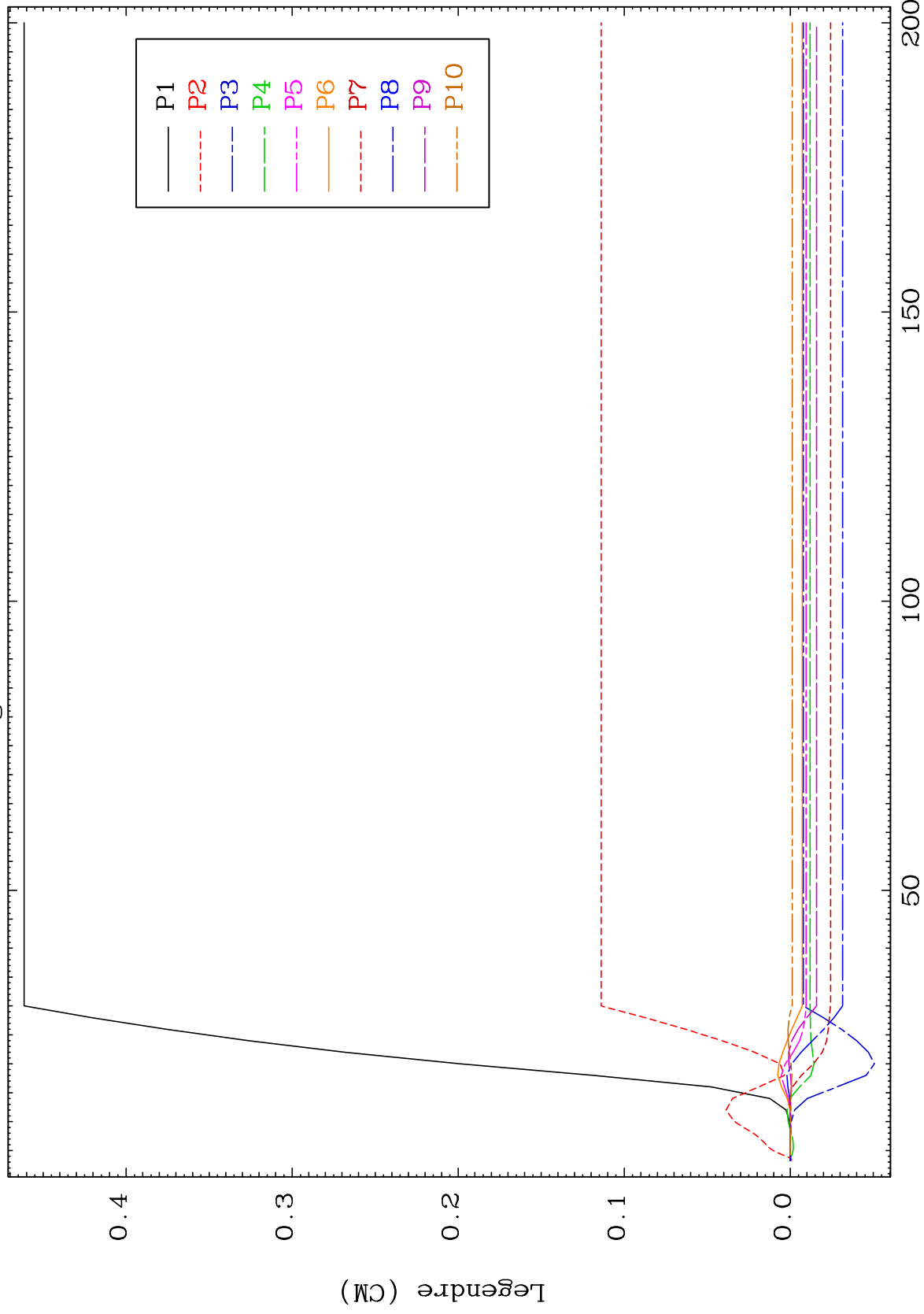
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

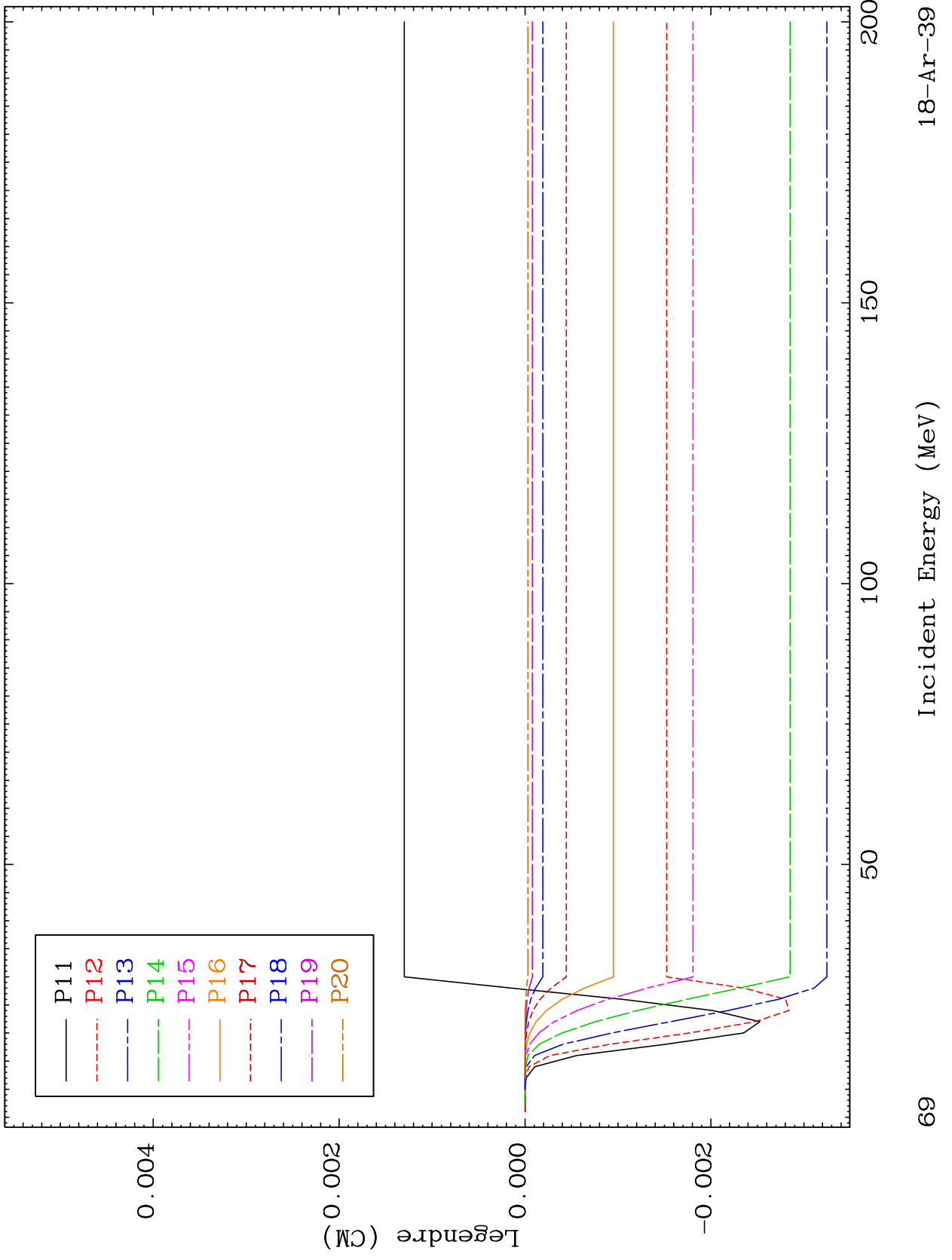
18-Ar-39

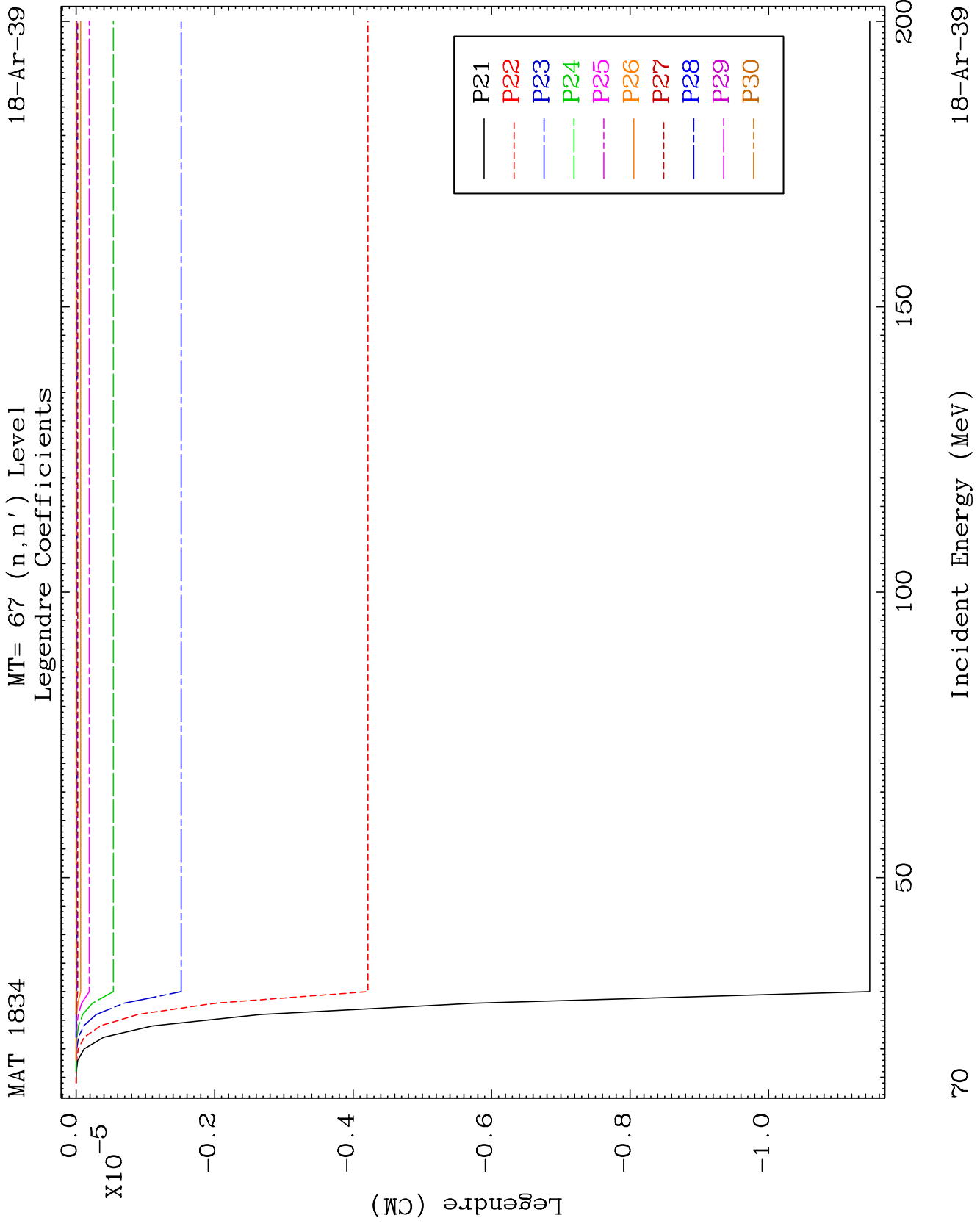


68

Incident Energy (MeV)

18-Ar-39

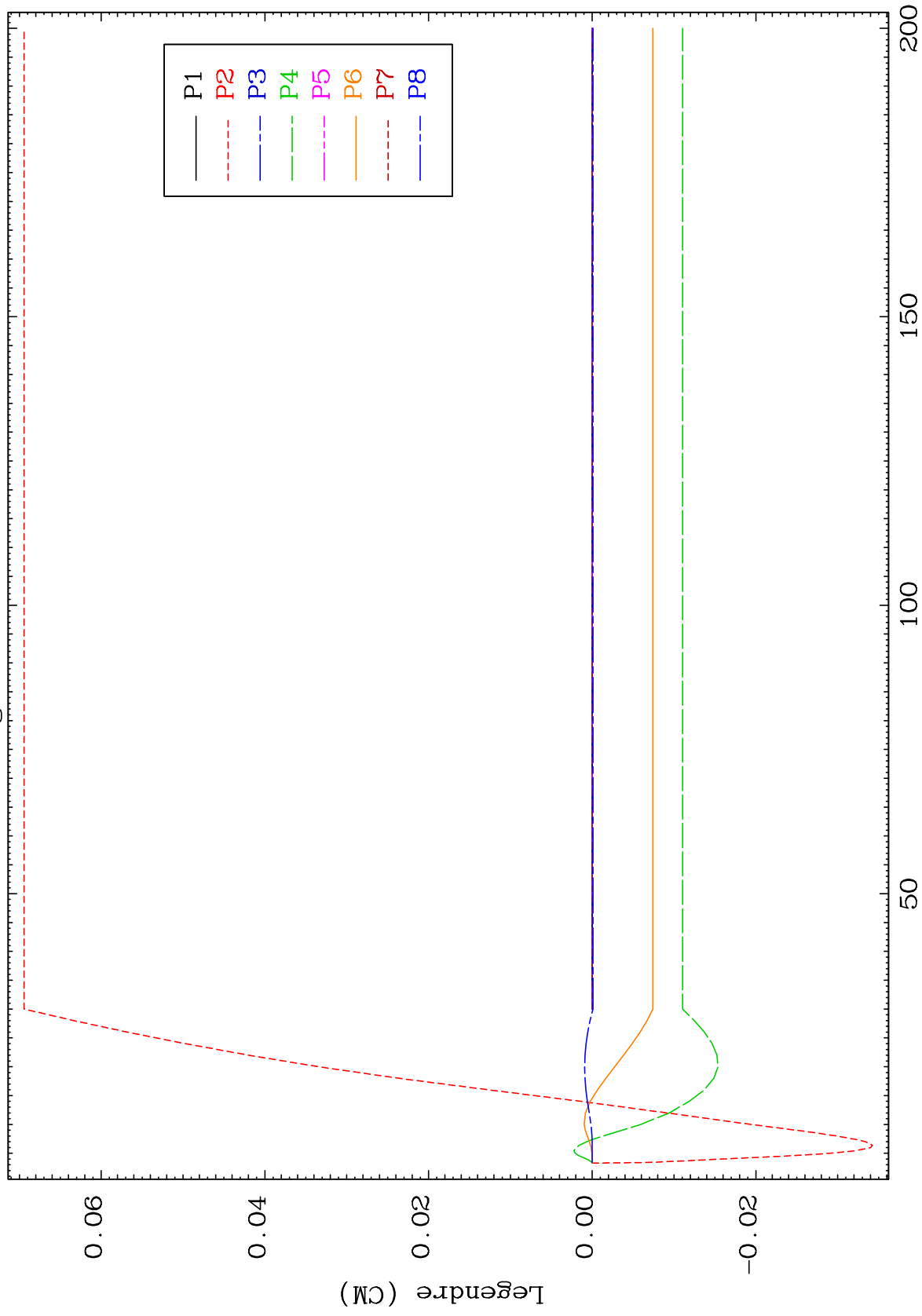




MAT 1834

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

18-Ar-39



71

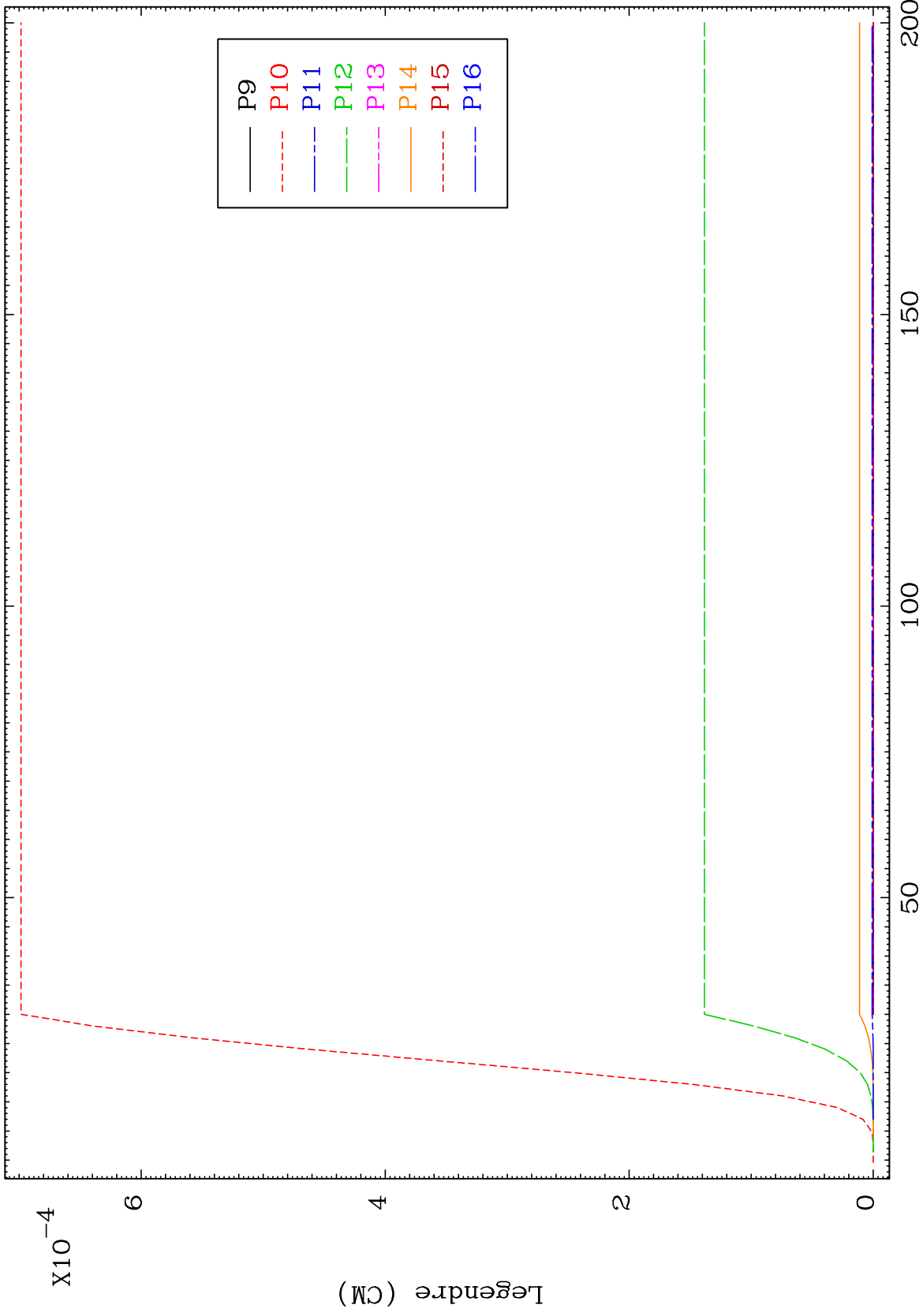
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

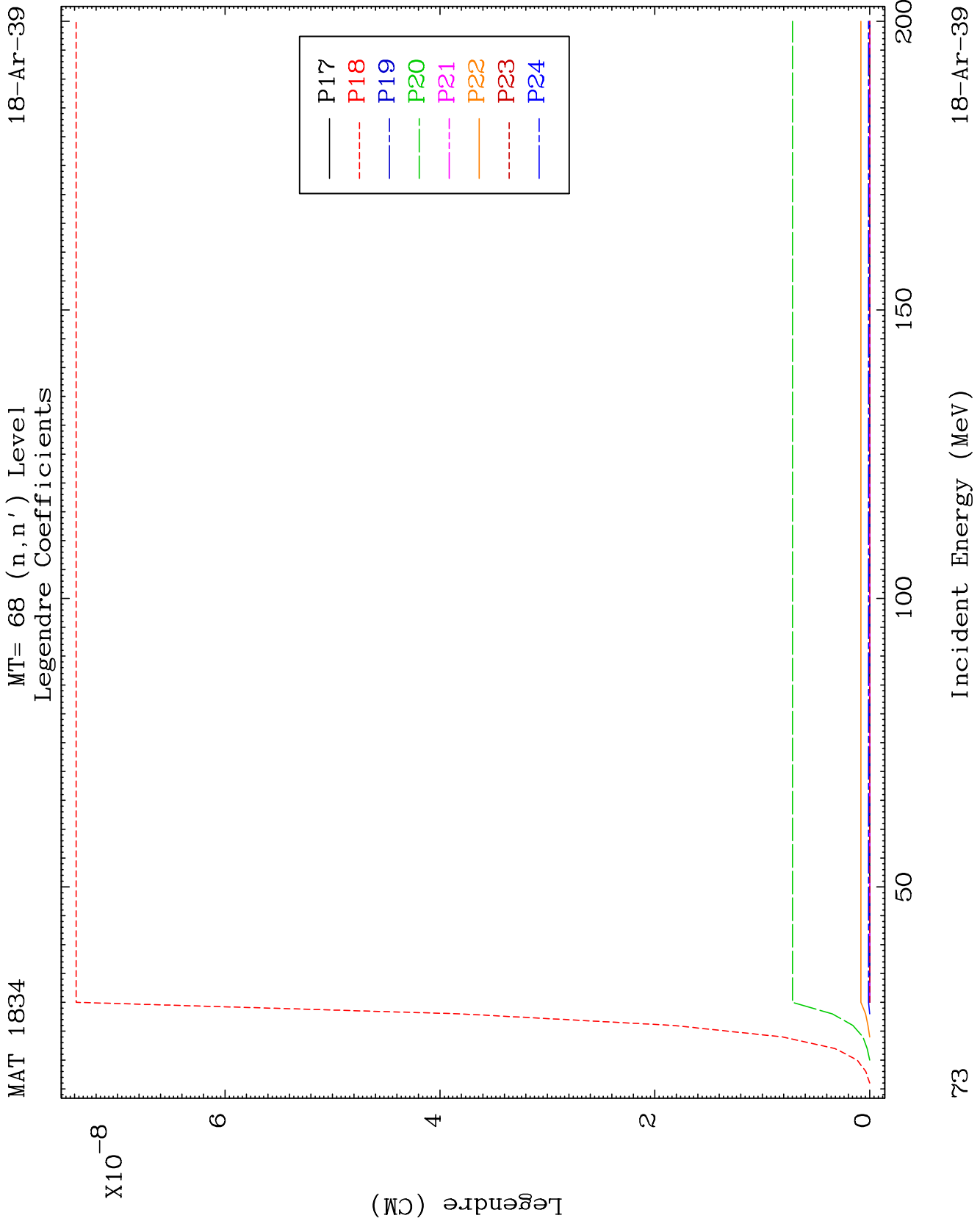
18-Ar-39



72

Incident Energy (MeV)

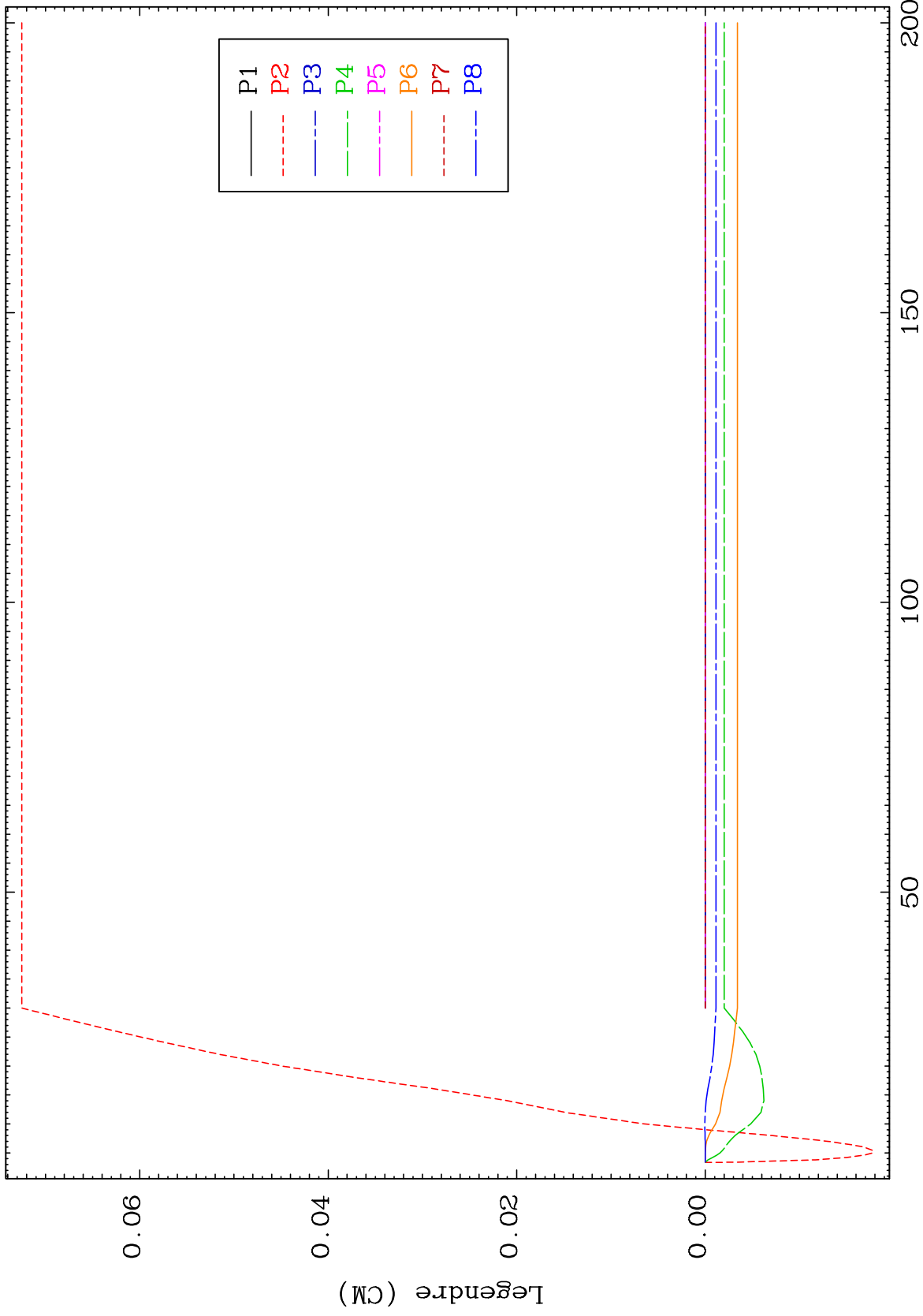
18-Ar-39



MAT 1834

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

18-Ar-39



74

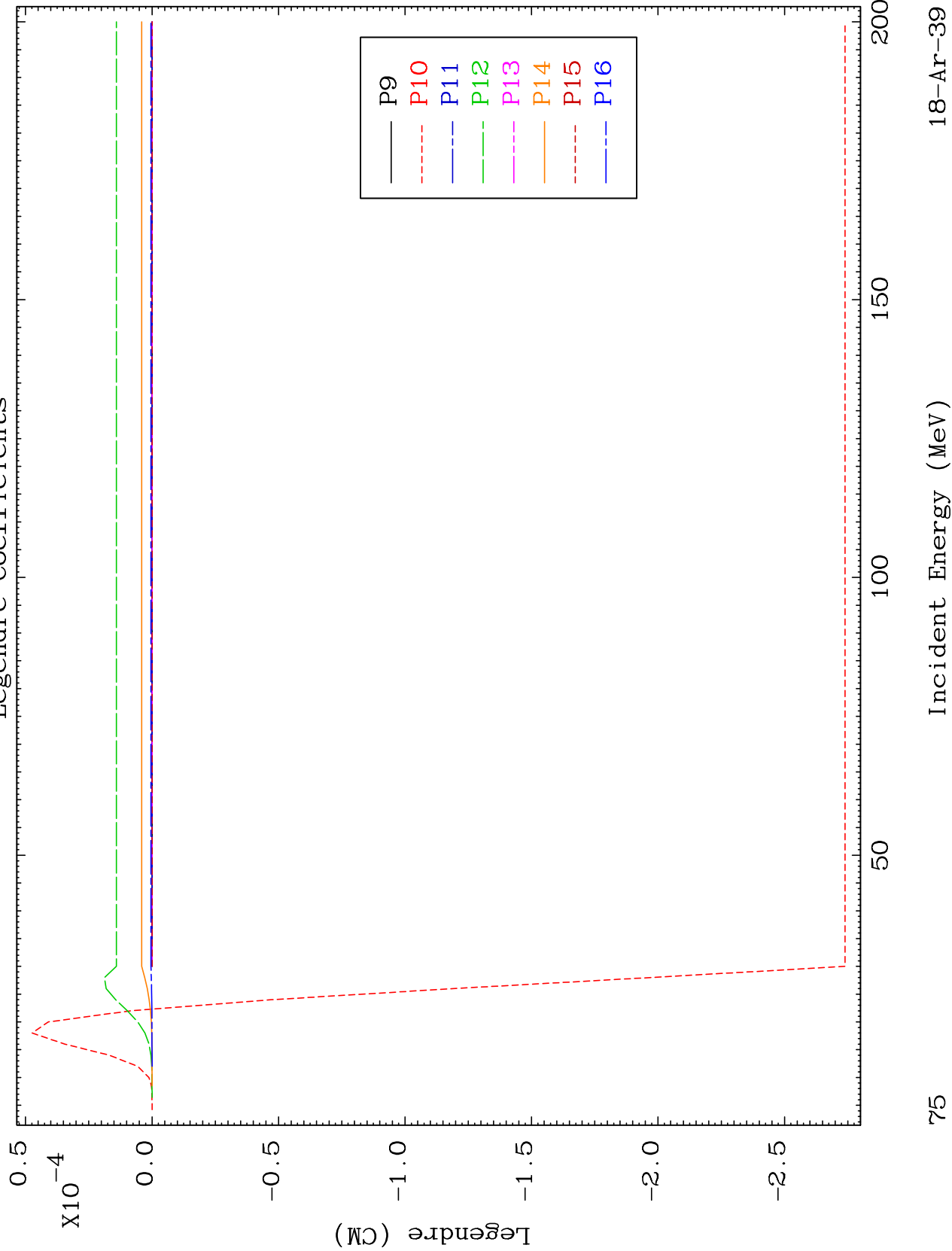
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



75

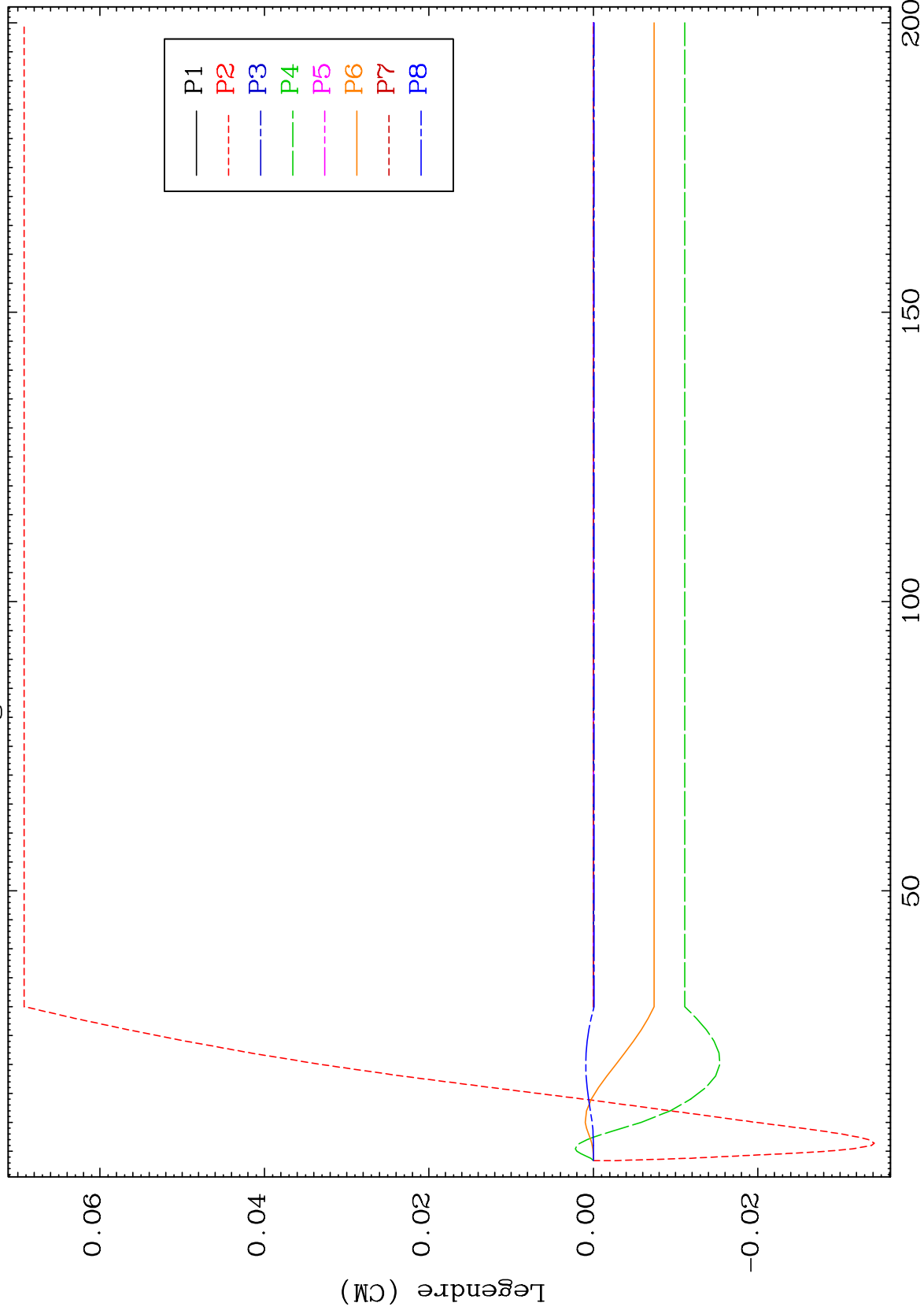
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

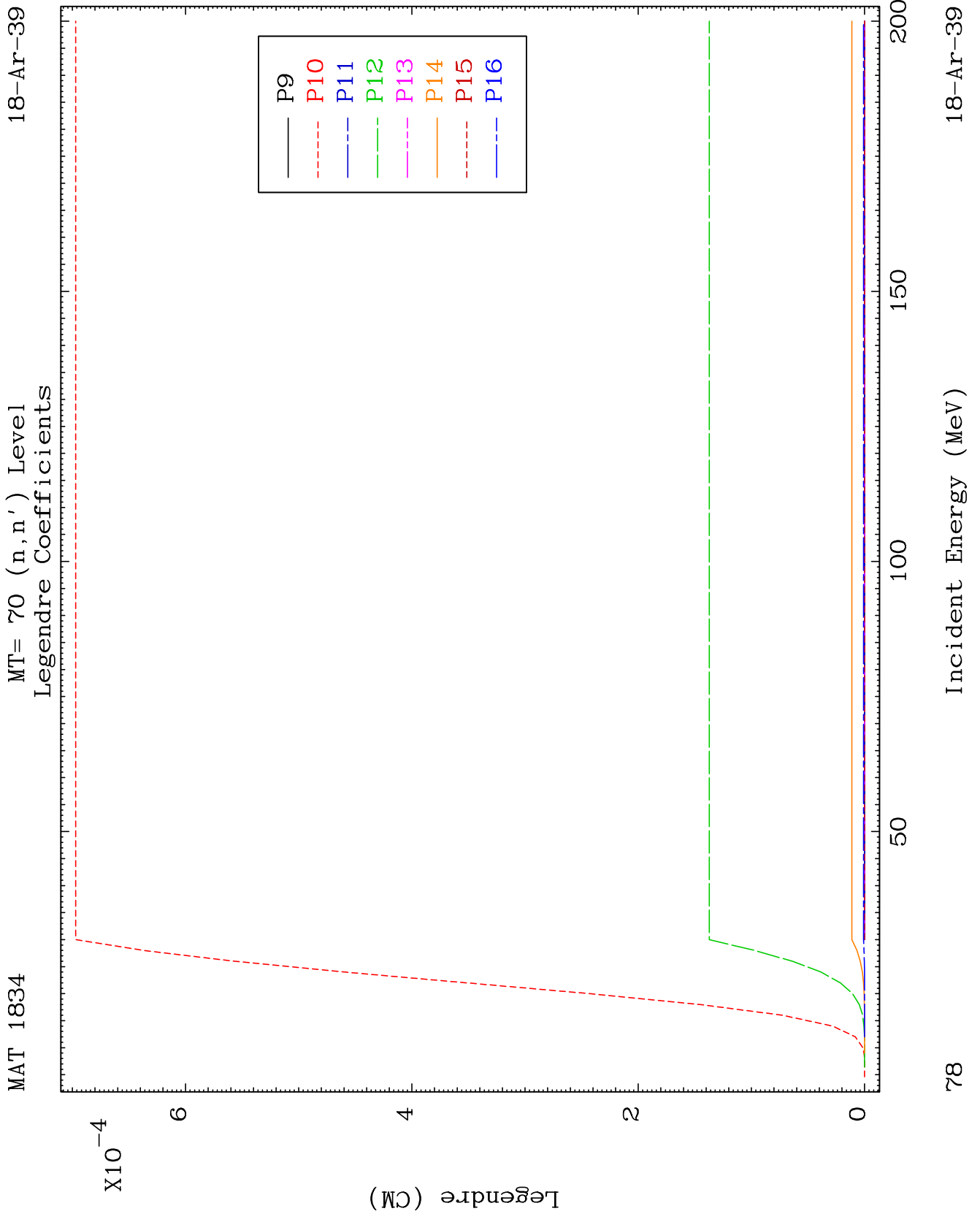
18-Ar-39

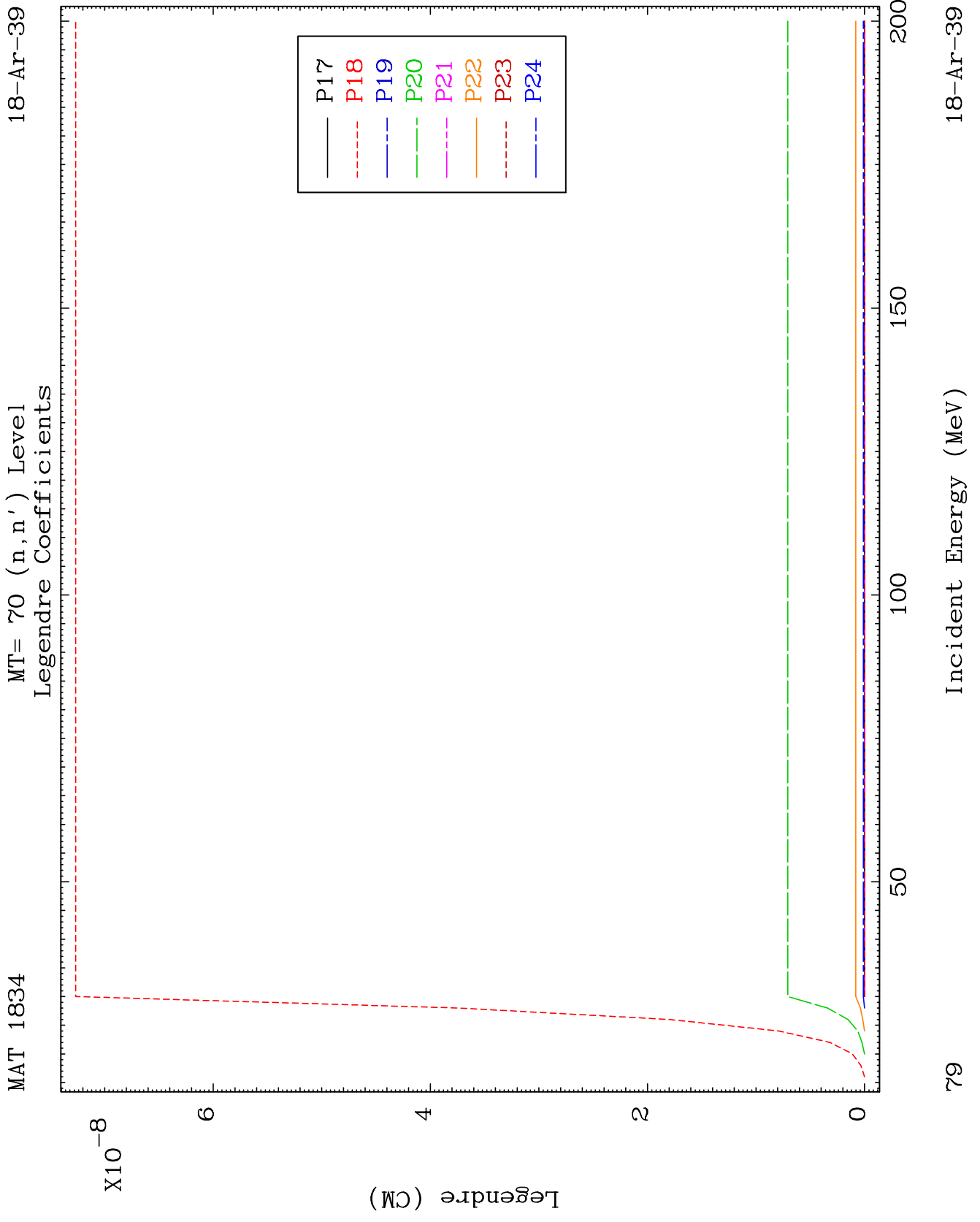


77

Incident Energy (MeV)

18-Ar-39

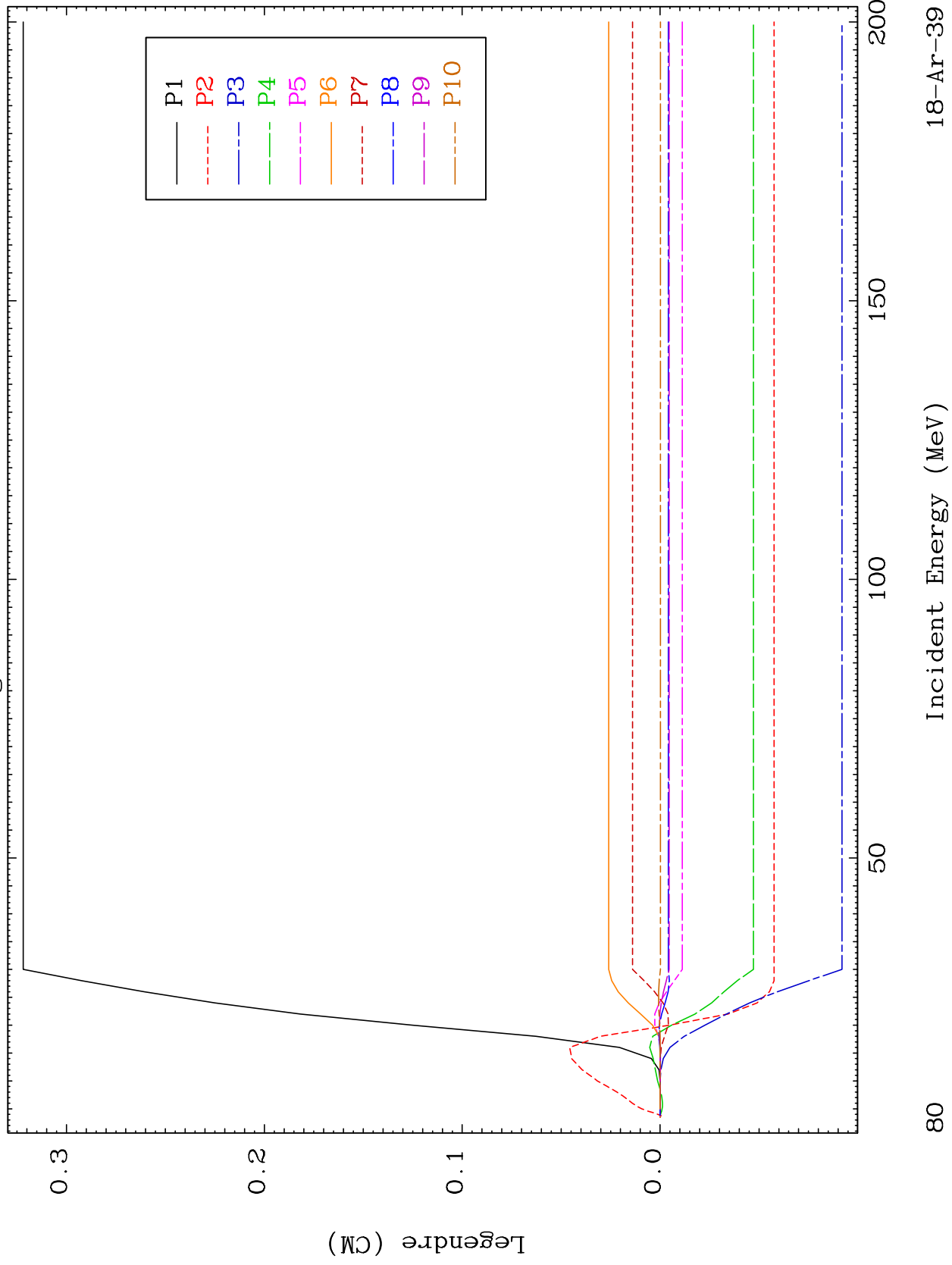




MAT 1834

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

18-Ar-39



80

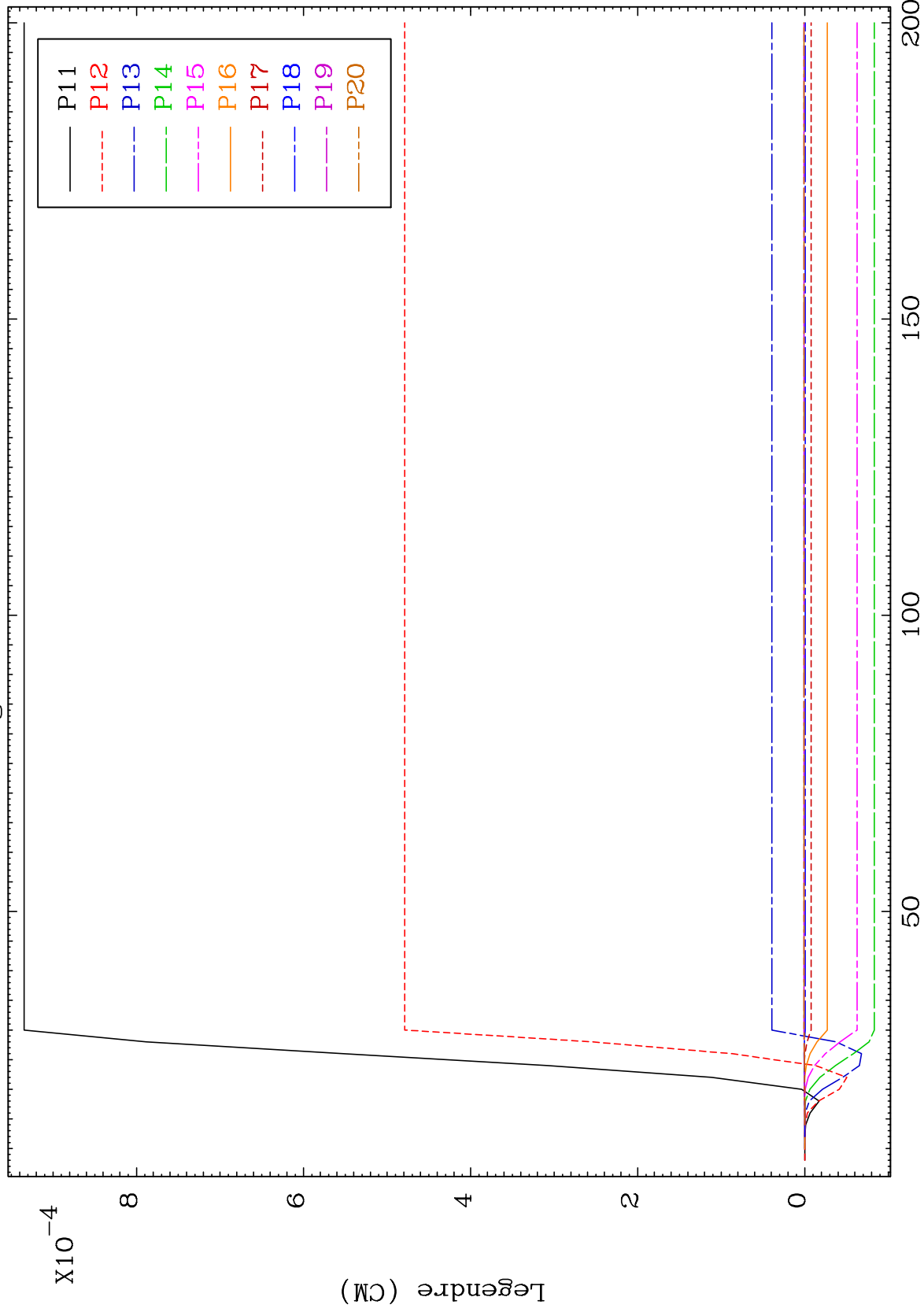
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



81

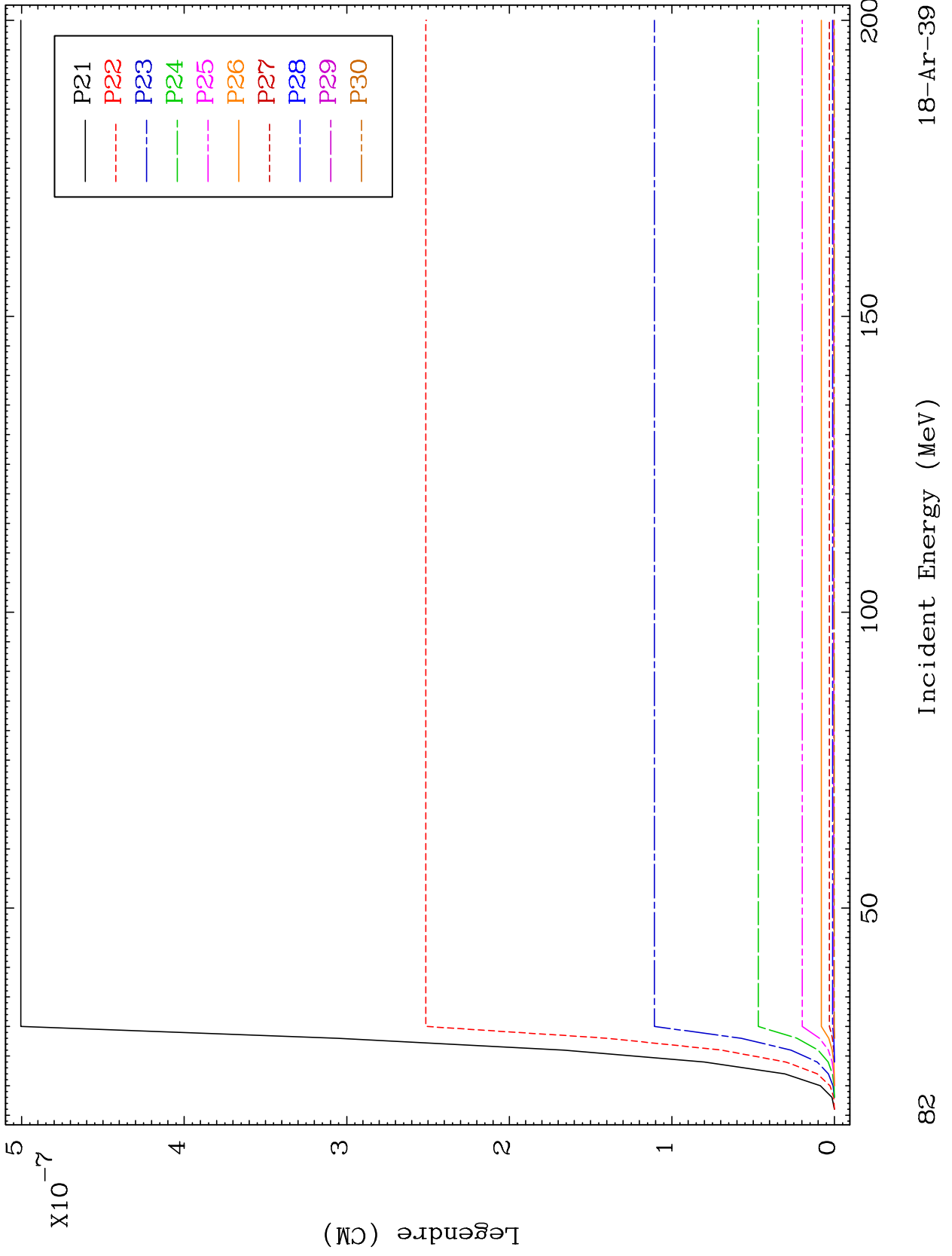
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

18-Ar-39



82

Incident Energy (MeV)

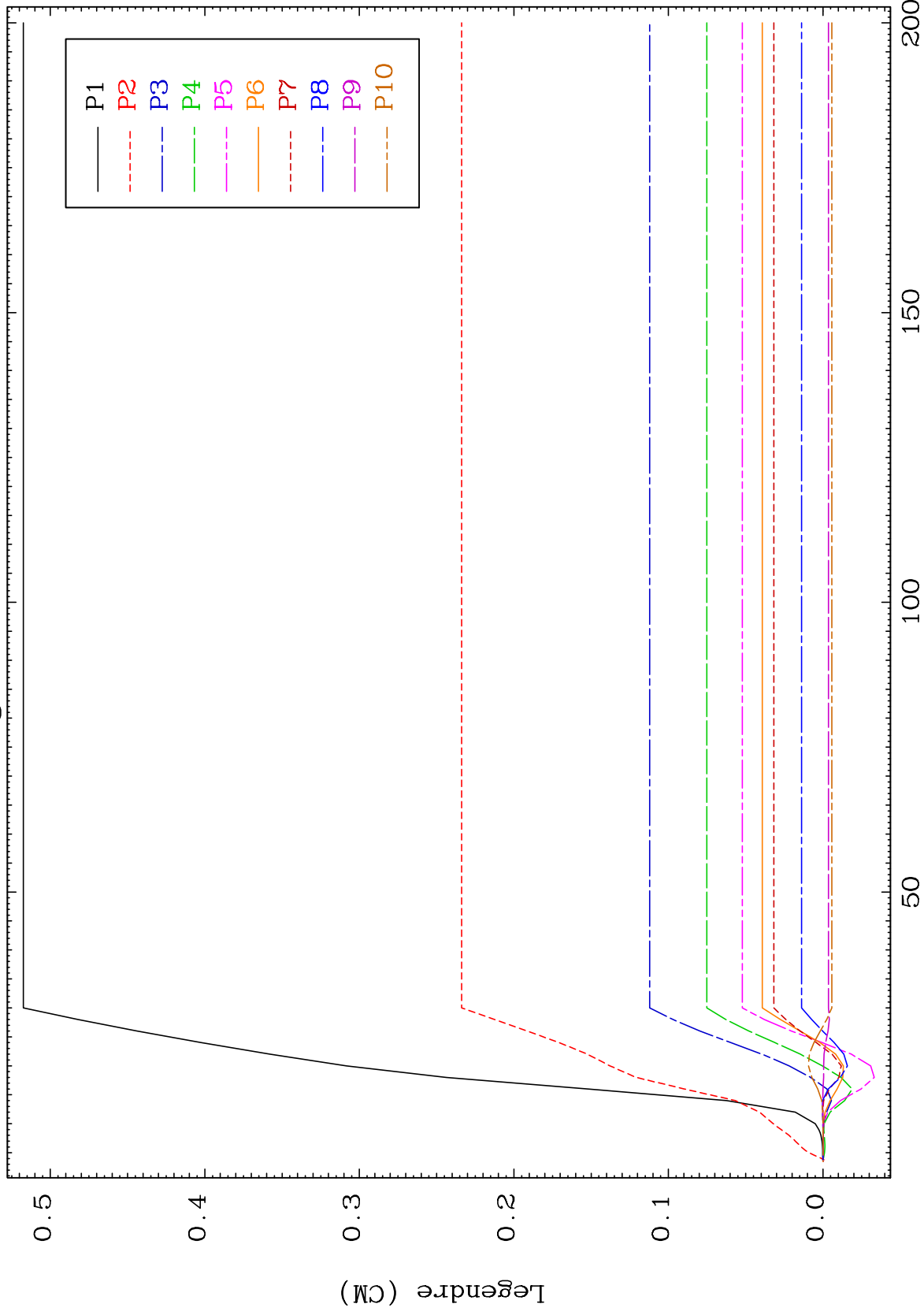
18-Ar-39

MAT 1834

MT= 72 (n,n') Level

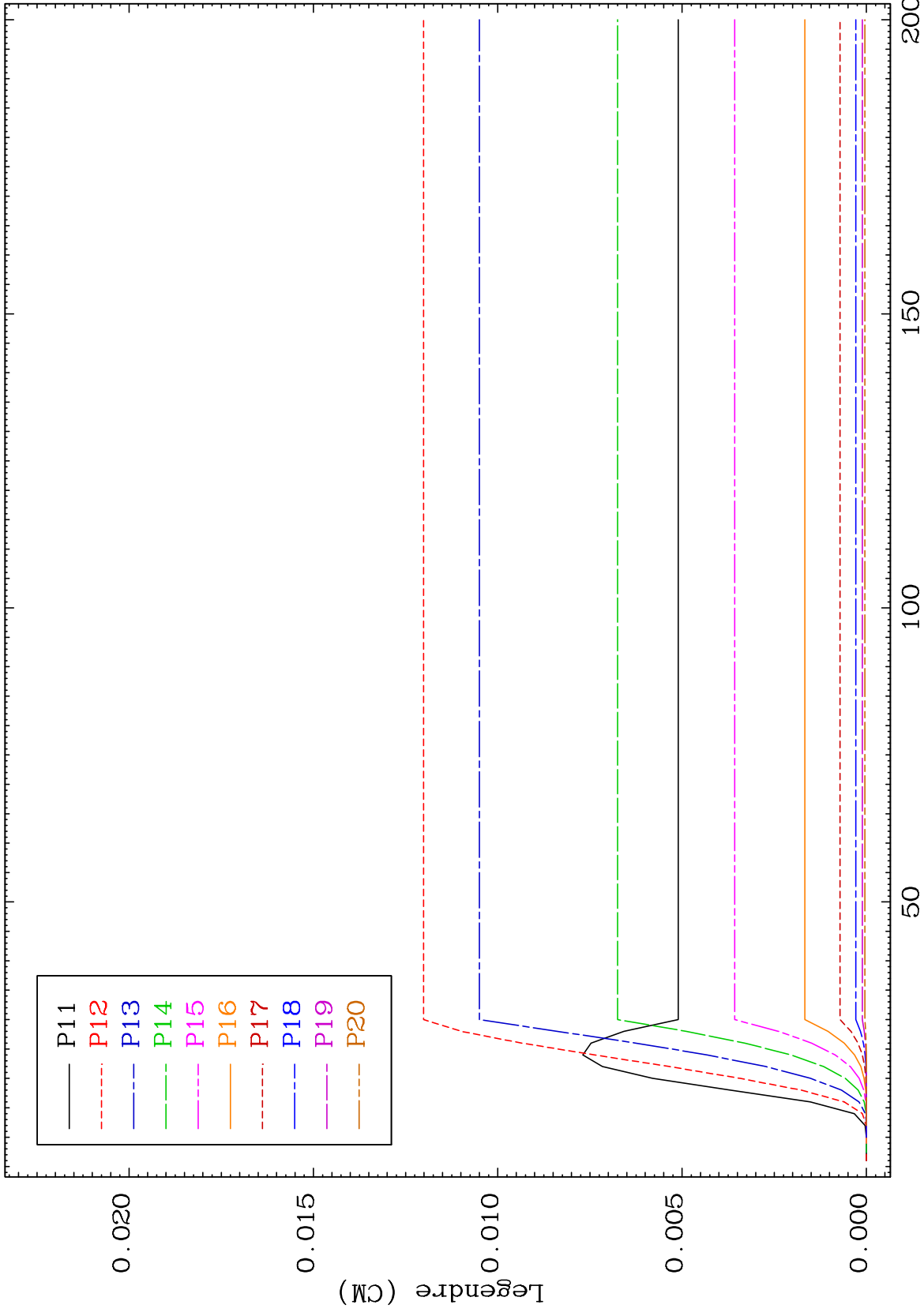
18-Ar-39

Legendre Coefficients



83

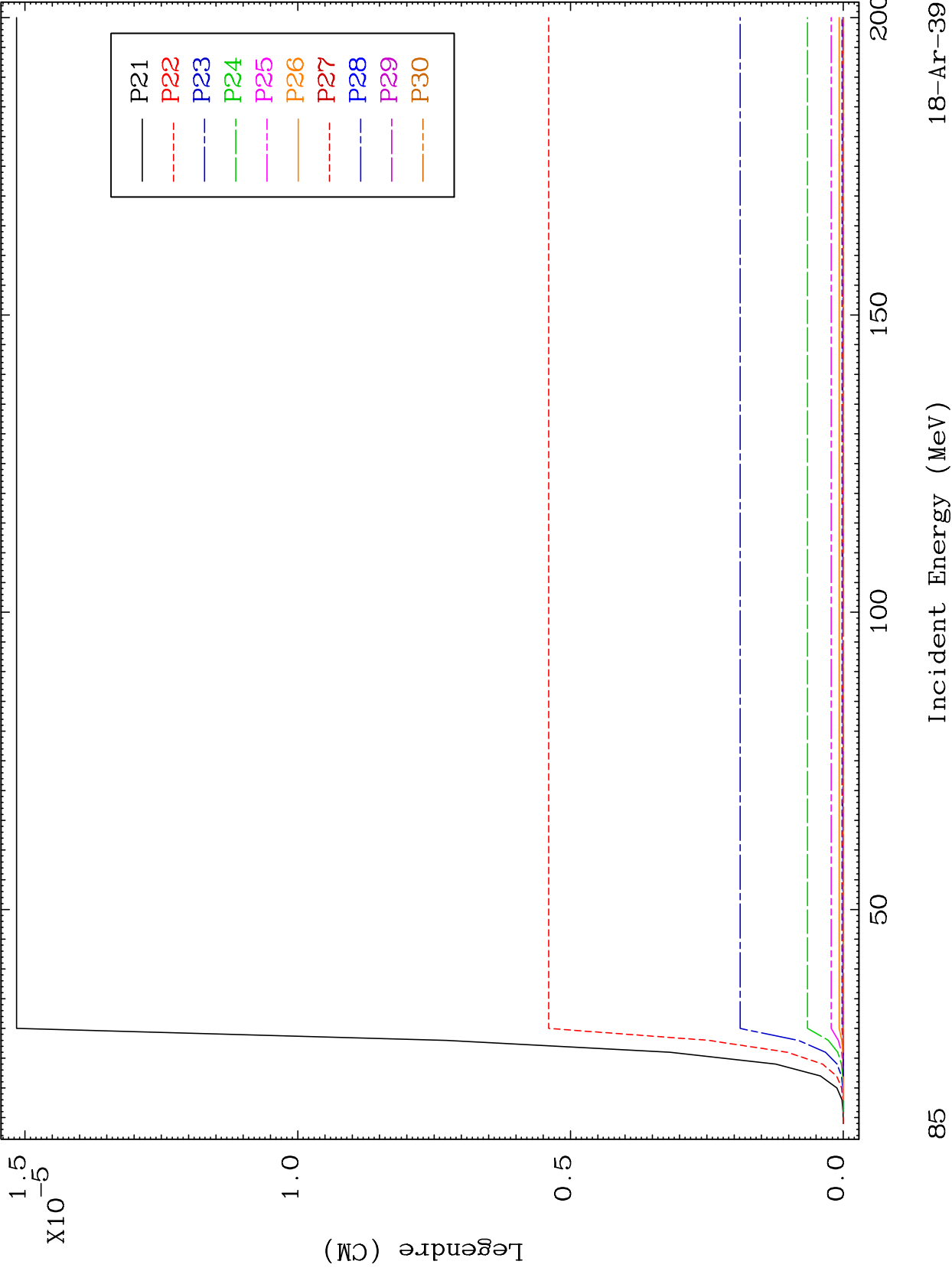
18-Ar-39

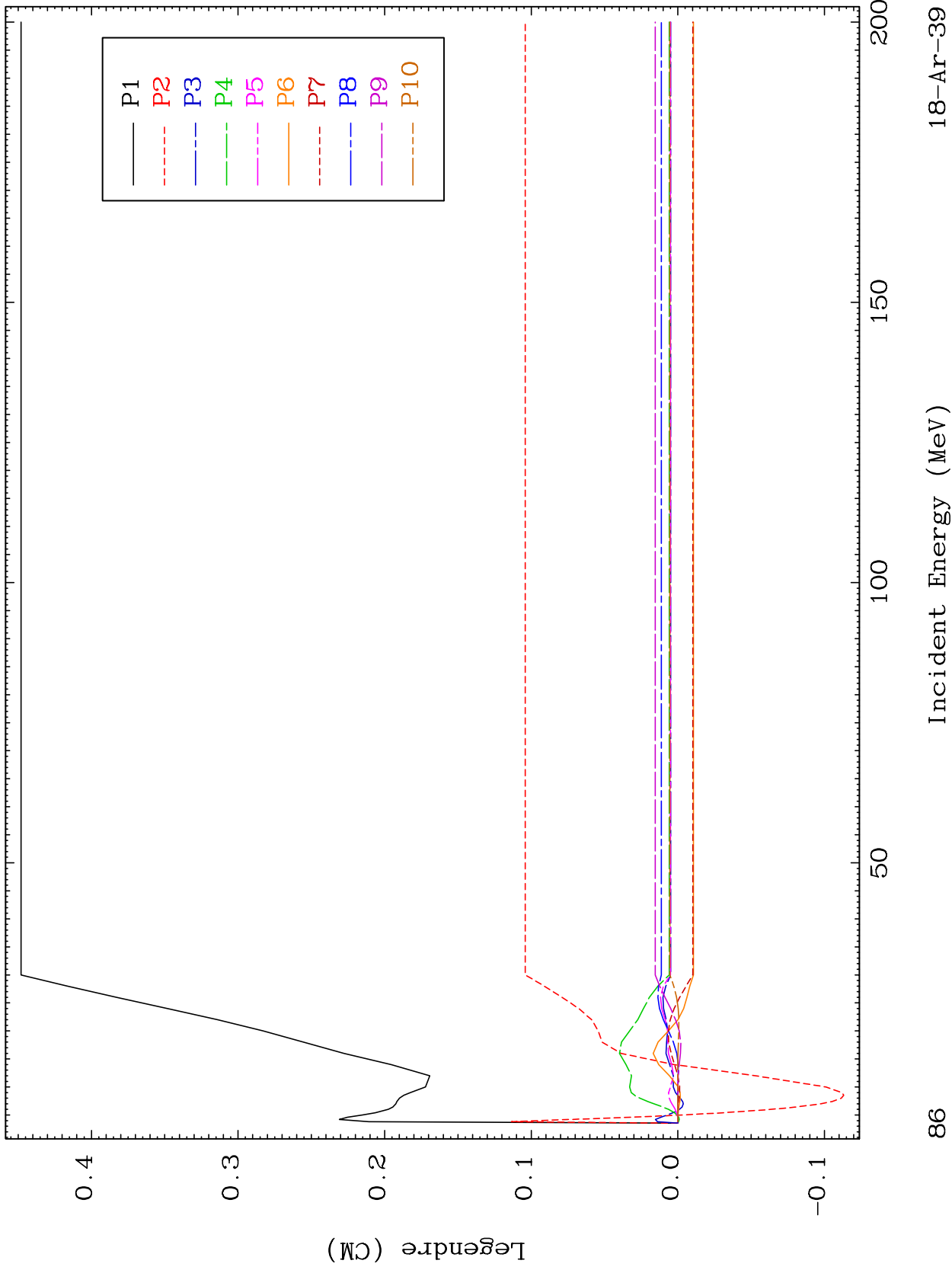


MAT 1834

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

18-Ar-39

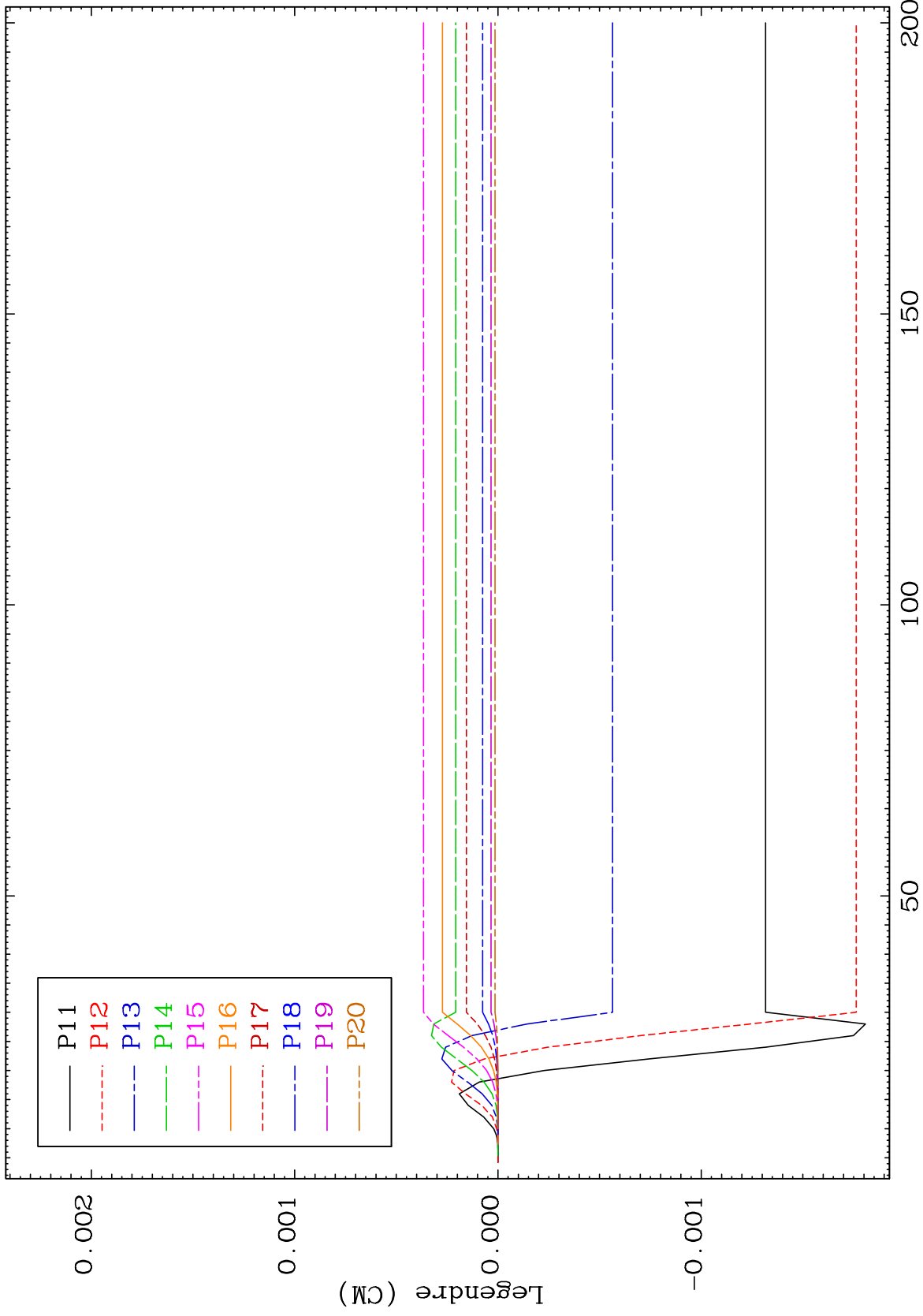




MAT 1834

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

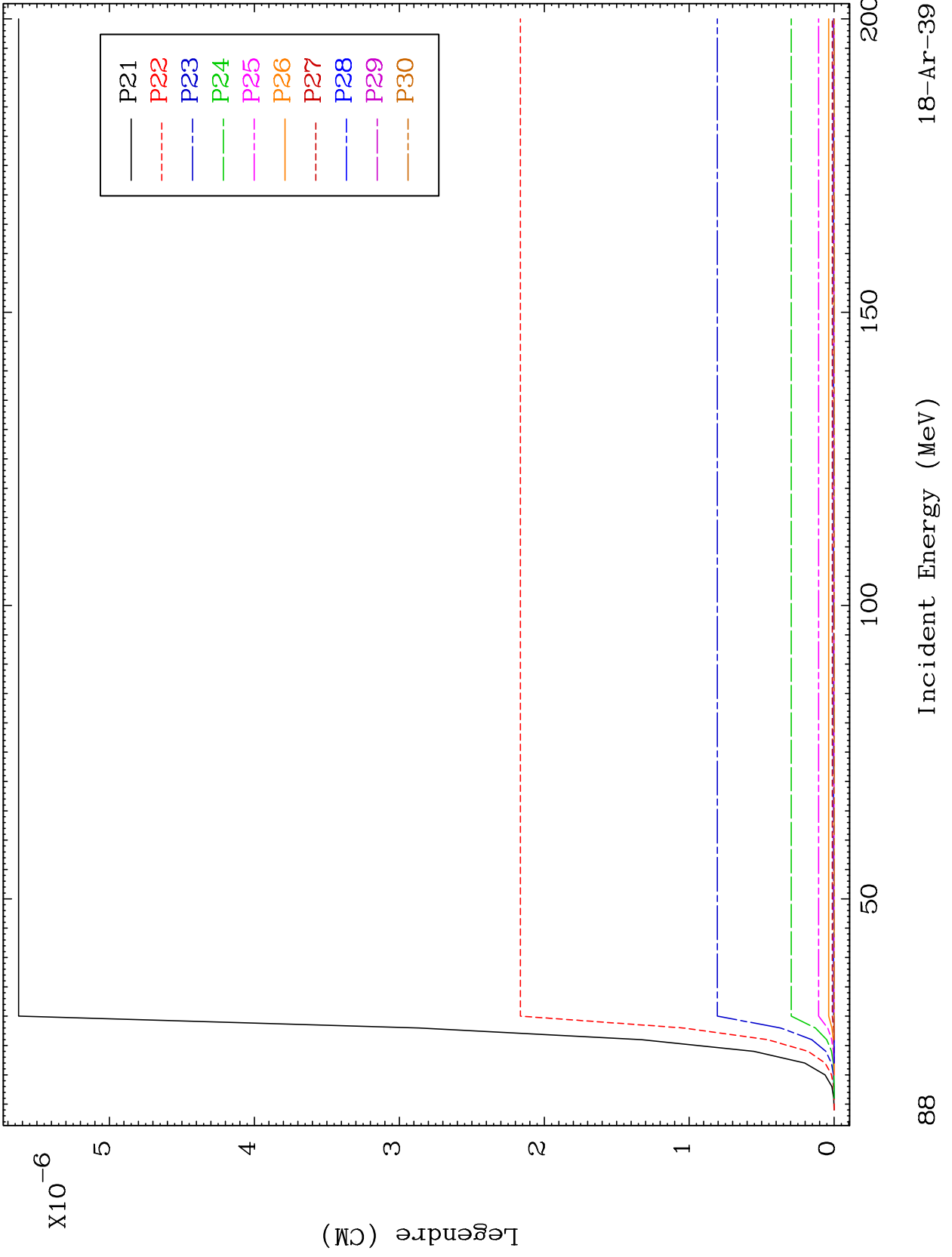
18-Ar-39



MAT 1834

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

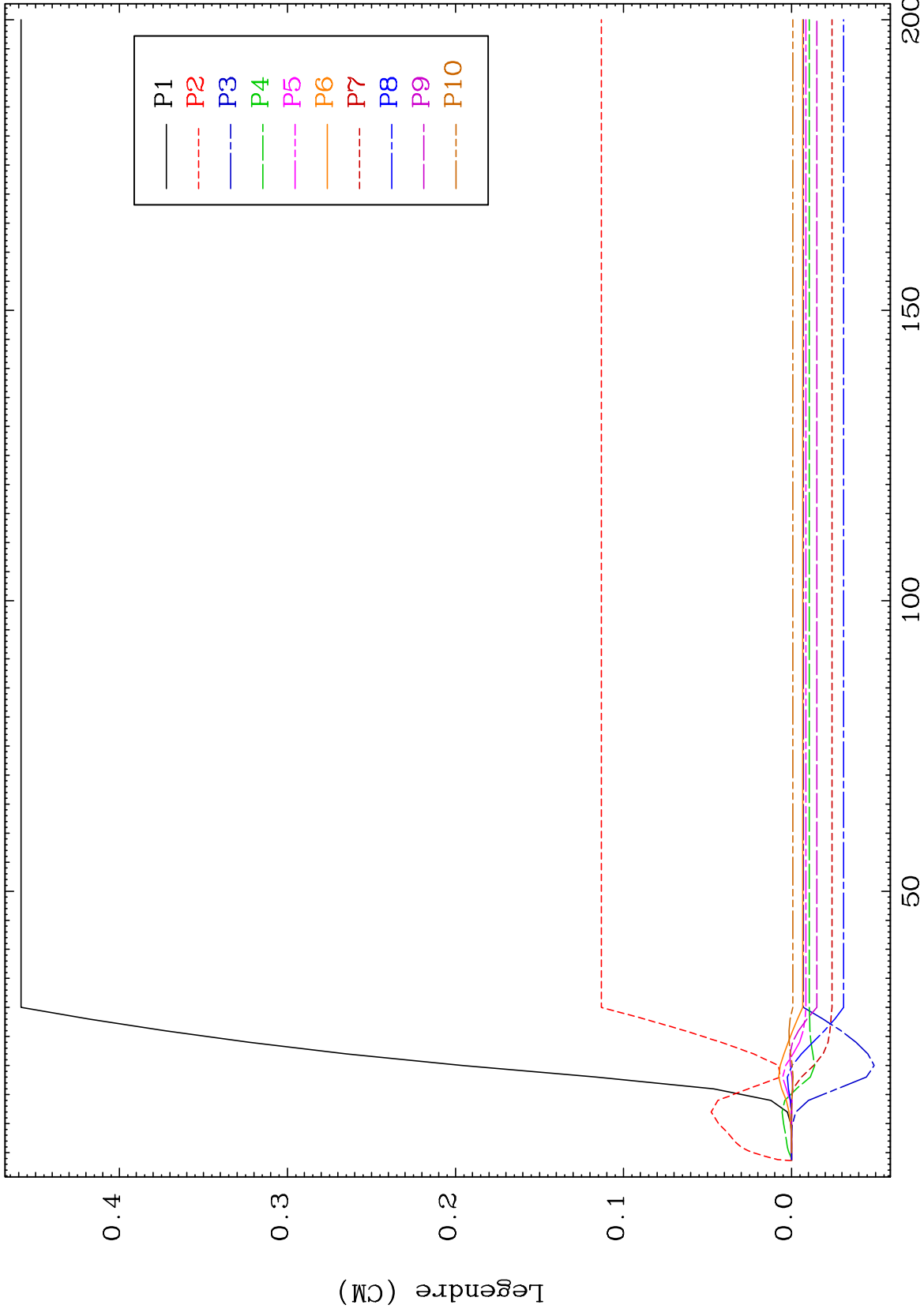
18-Ar-39



MAT 1834

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

18-Ar-39



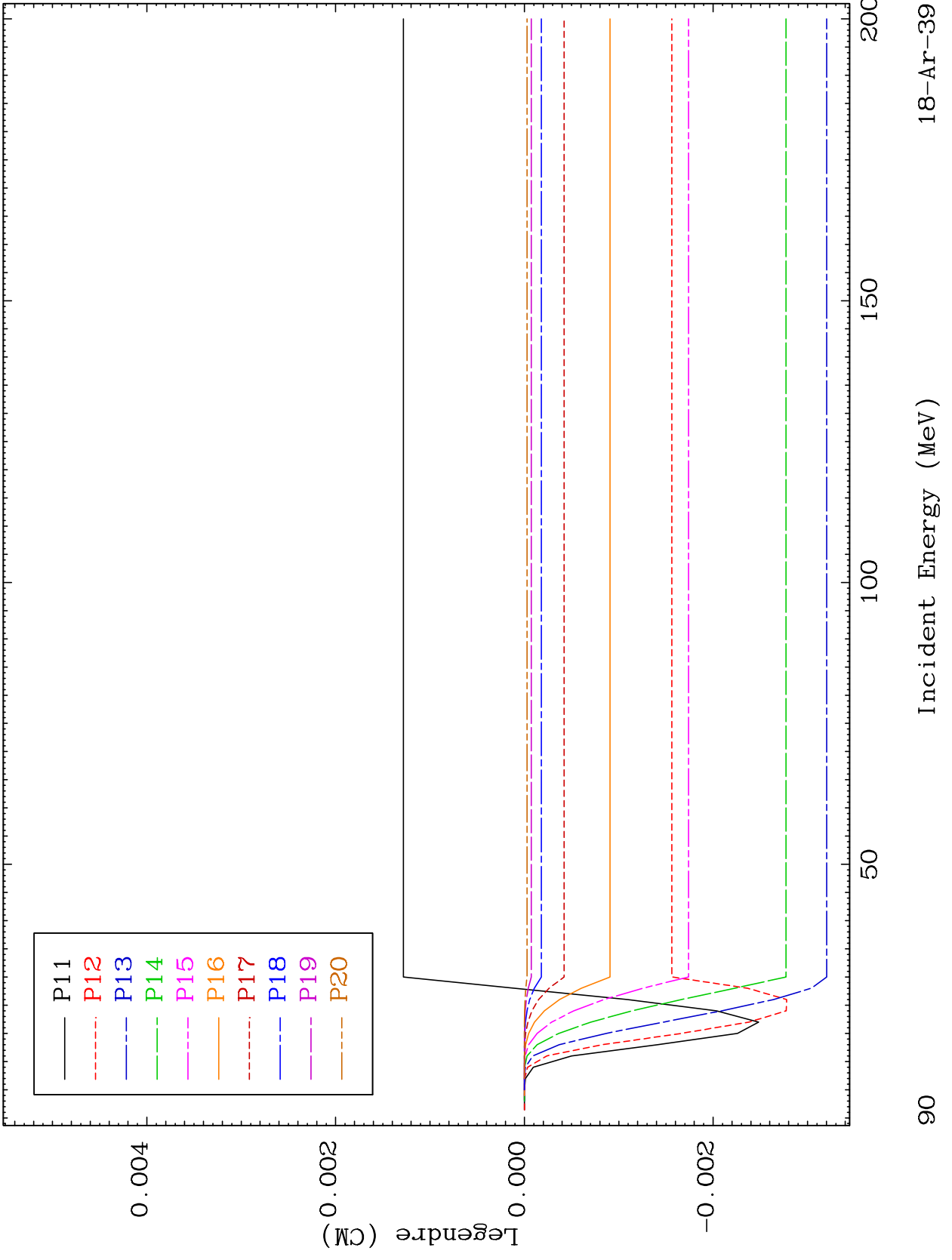
89

18-Ar-39

MAT 1834

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

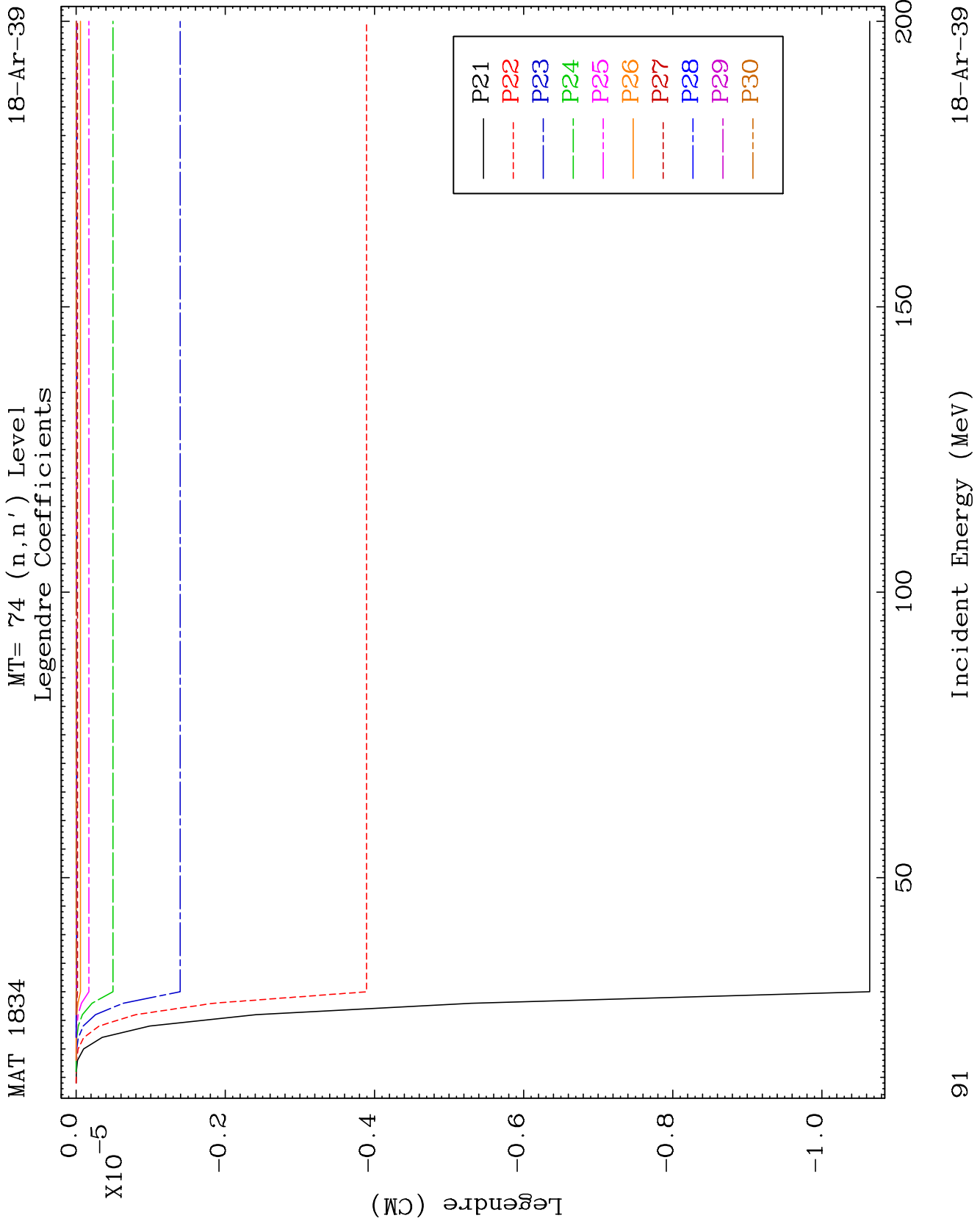
18-Ar-39

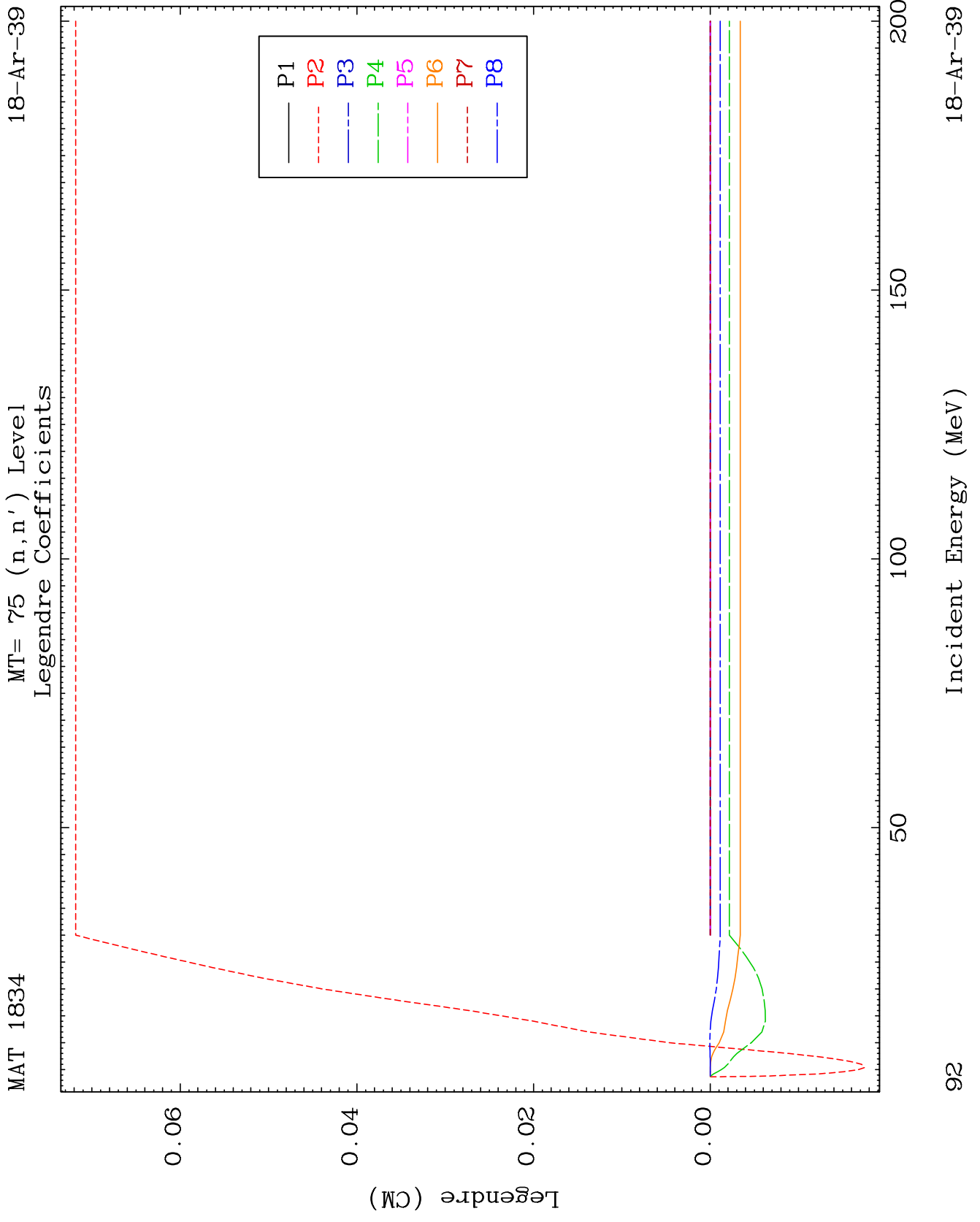


90

Incident Energy (MeV)

18-Ar-39

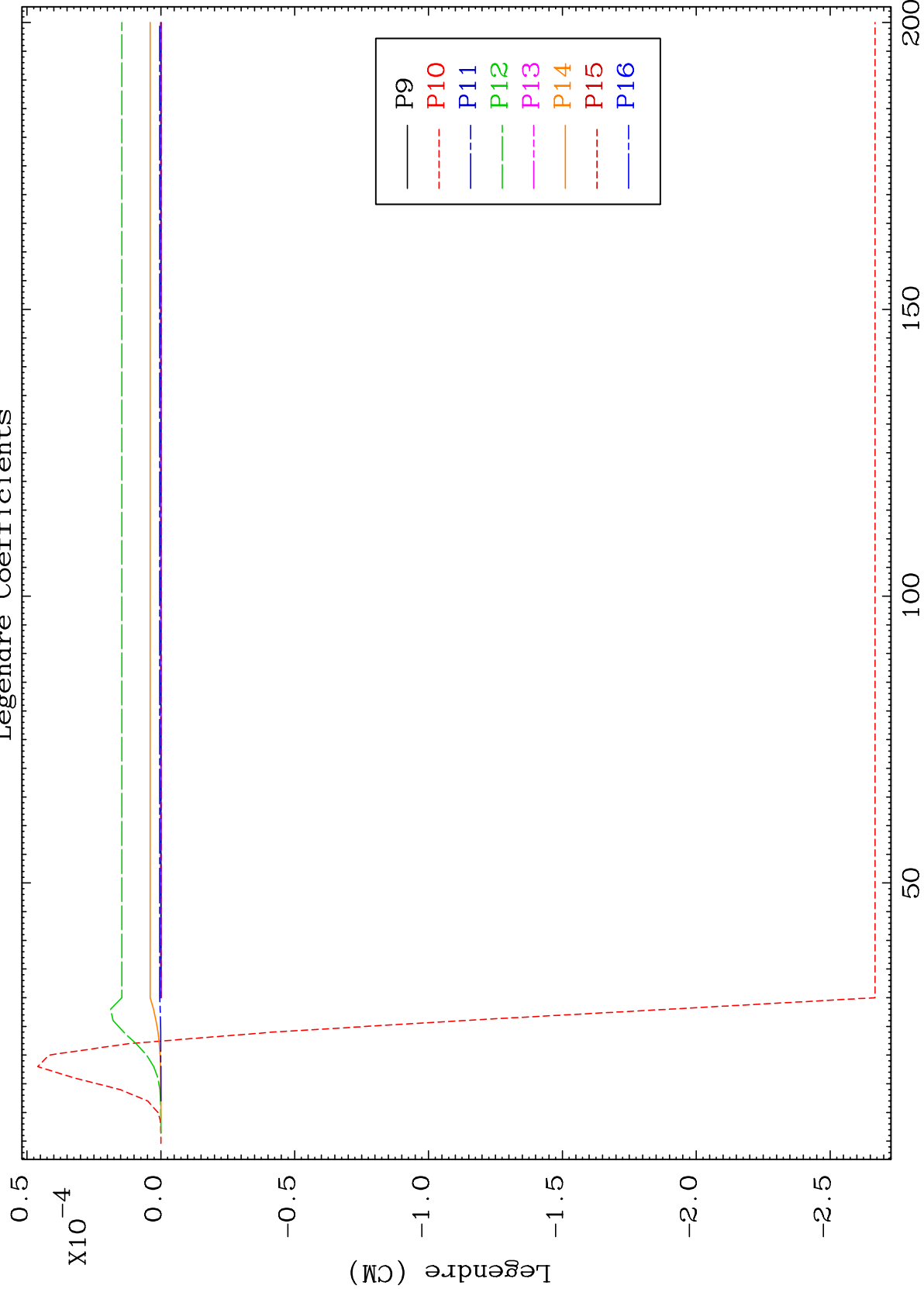


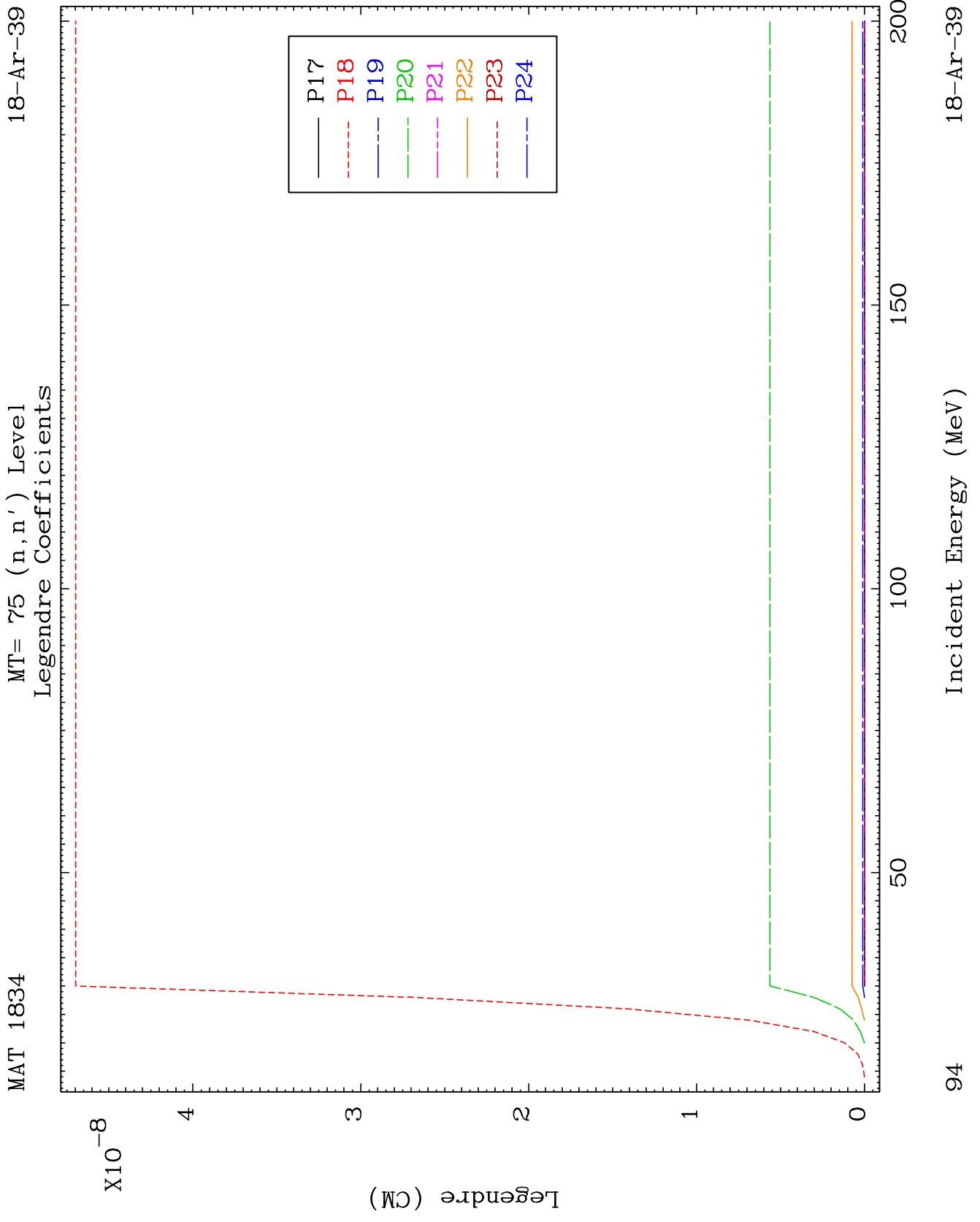


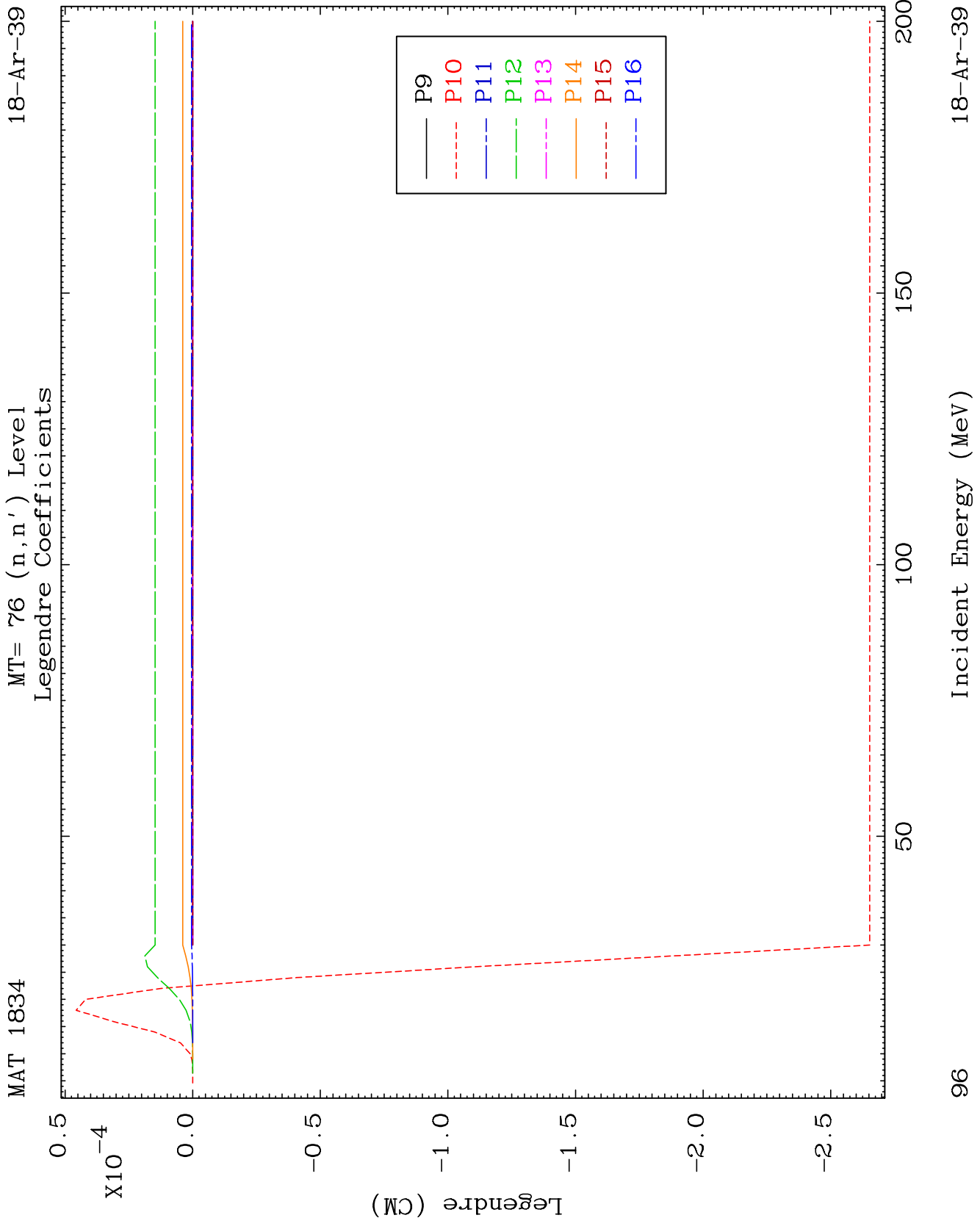
MAT 1834

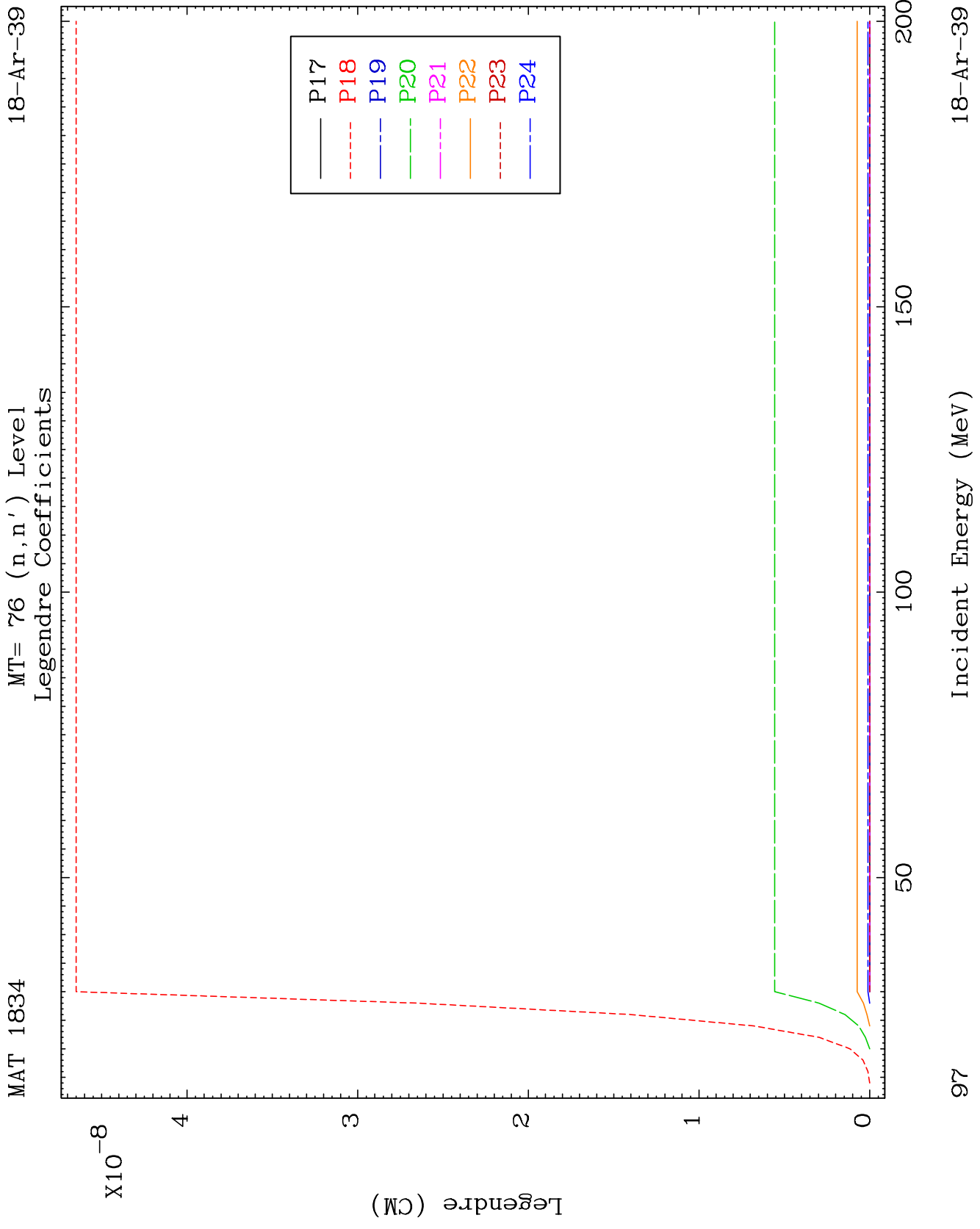
MT= 75 (n,n') Level
Legendre Coefficients

18-Ar-39





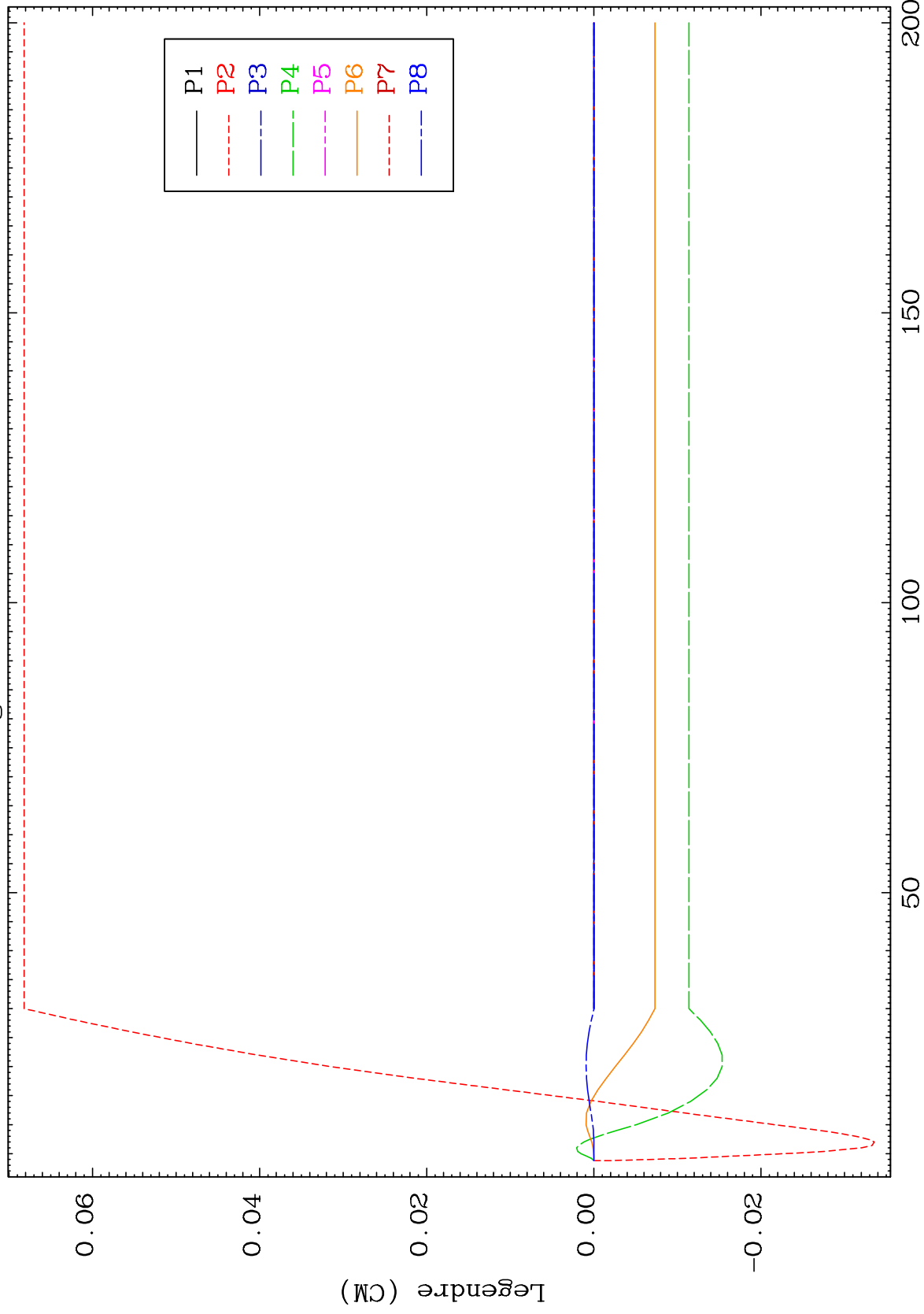




MAT 1834

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

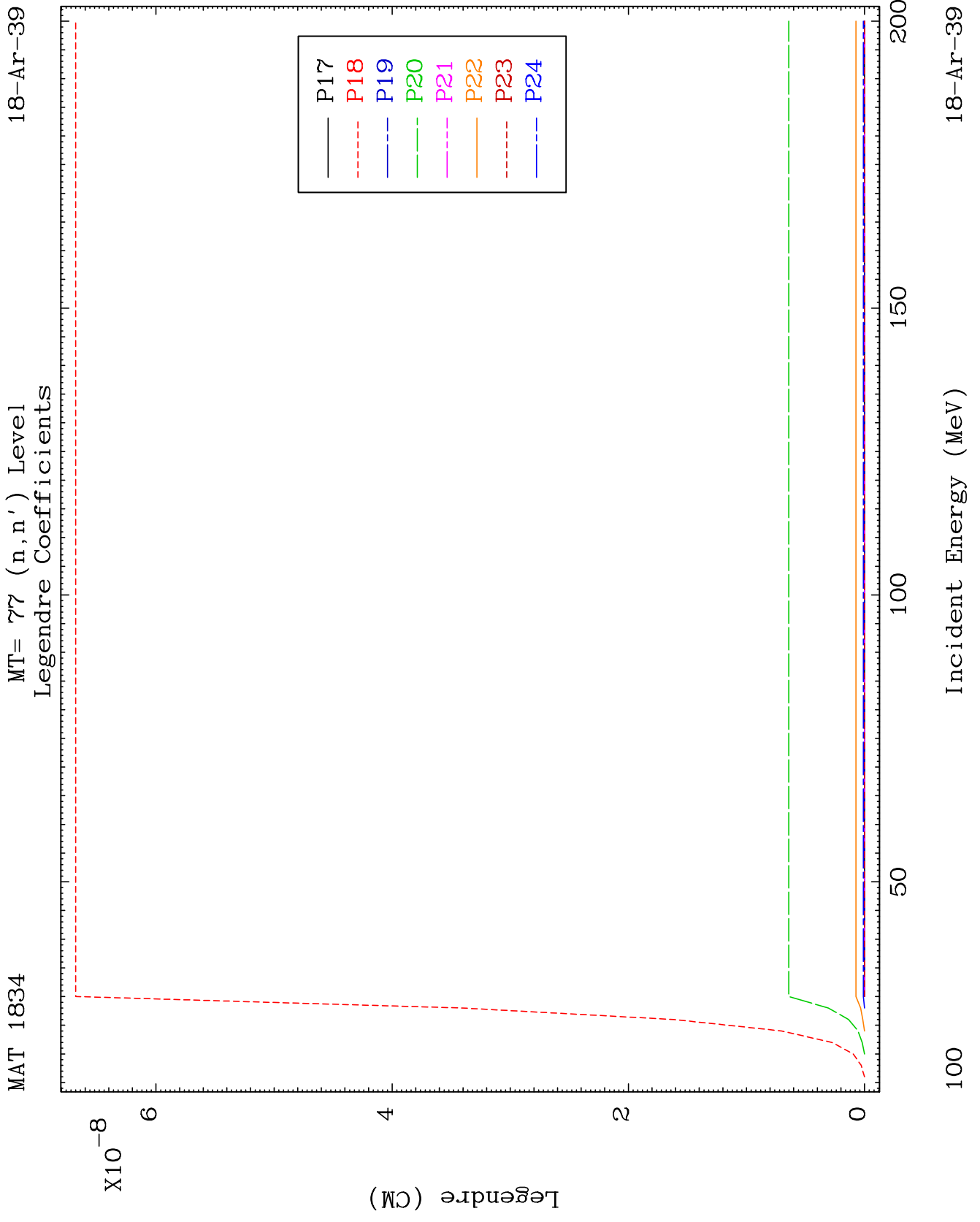
18-Ar-39



98

Incident Energy (MeV)

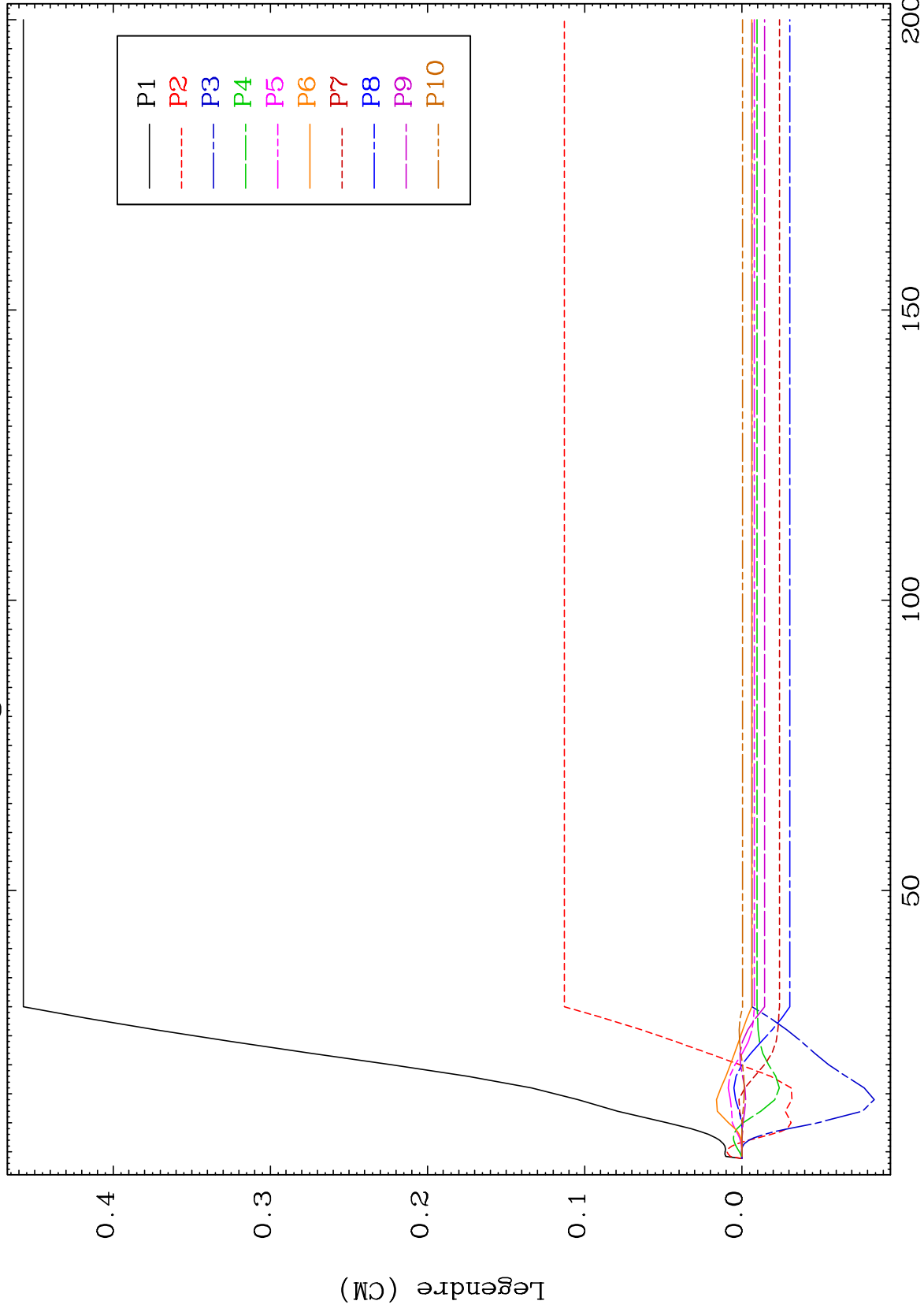
18-Ar-39



MAT 1834

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

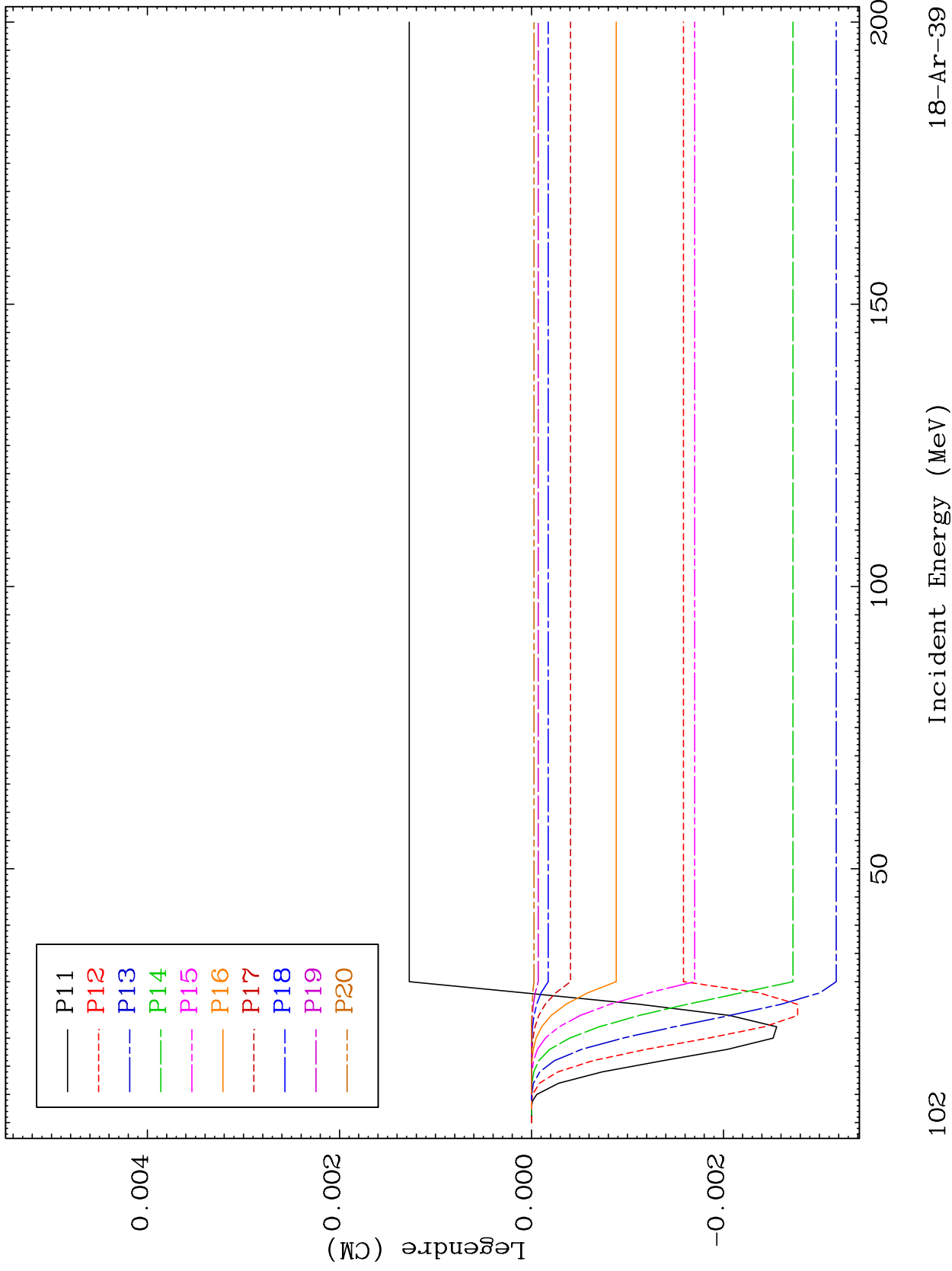
18-Ar-39

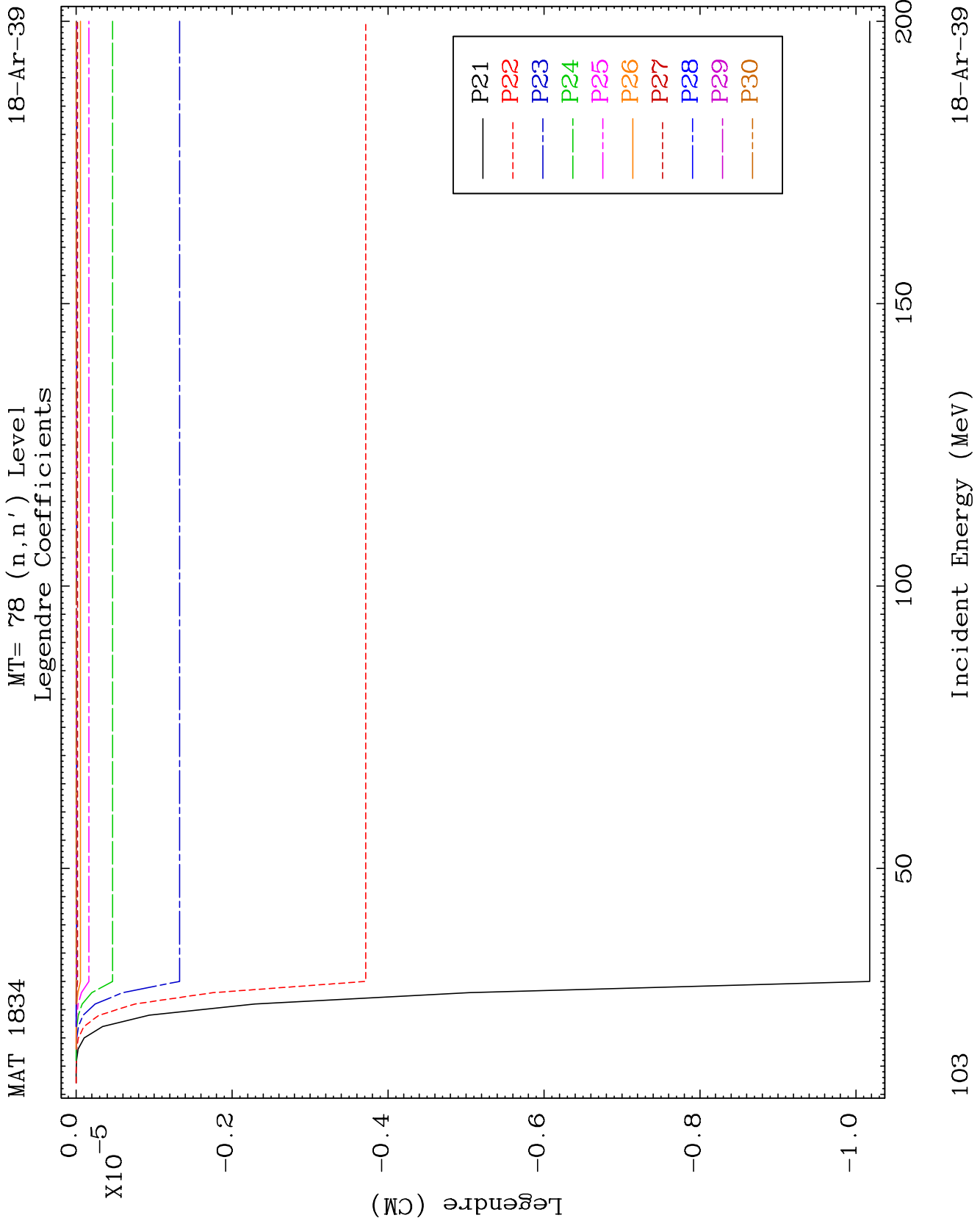


101

Incident Energy (MeV)

18-Ar-39

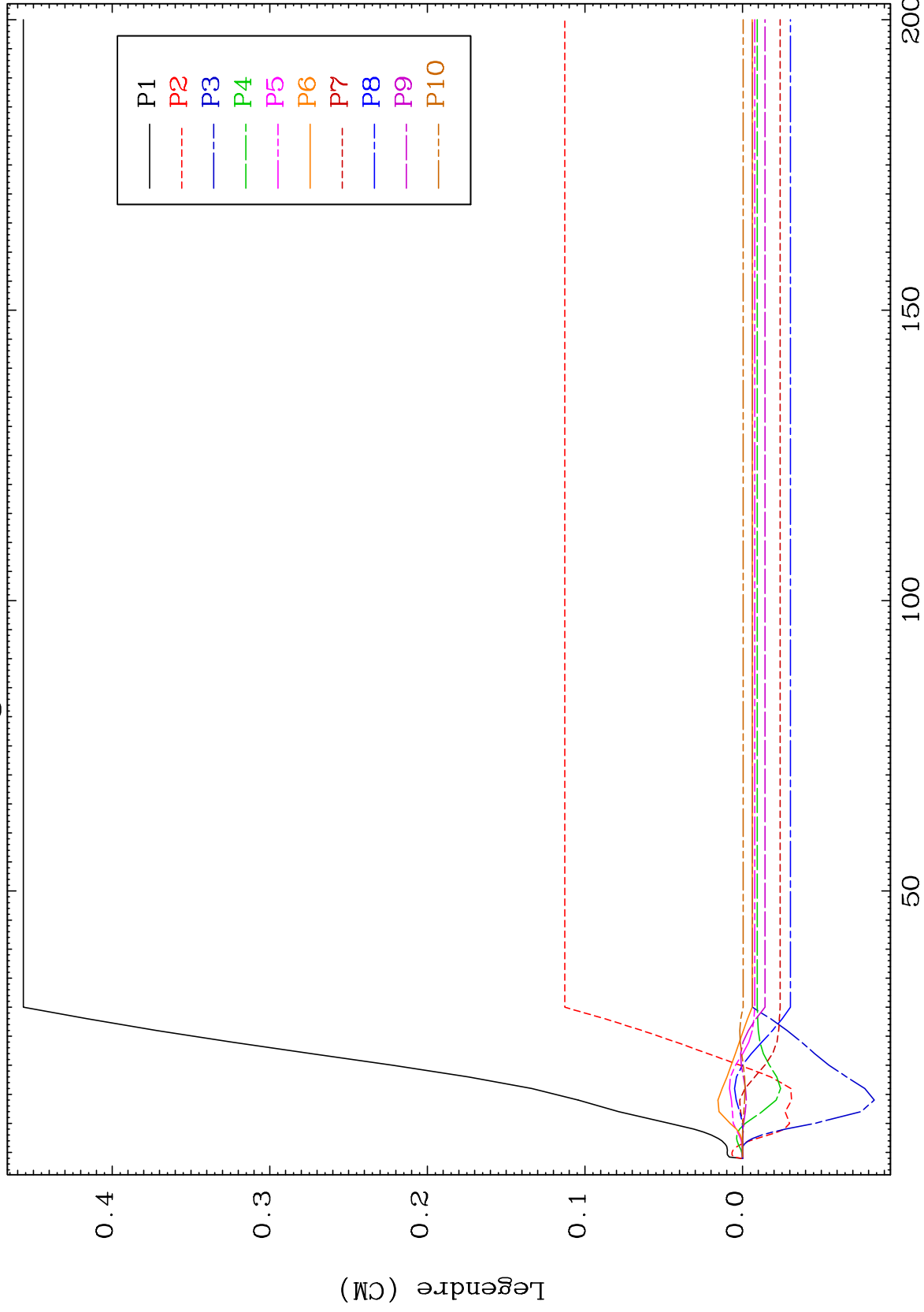




MAT 1834

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

18-Ar-39



104

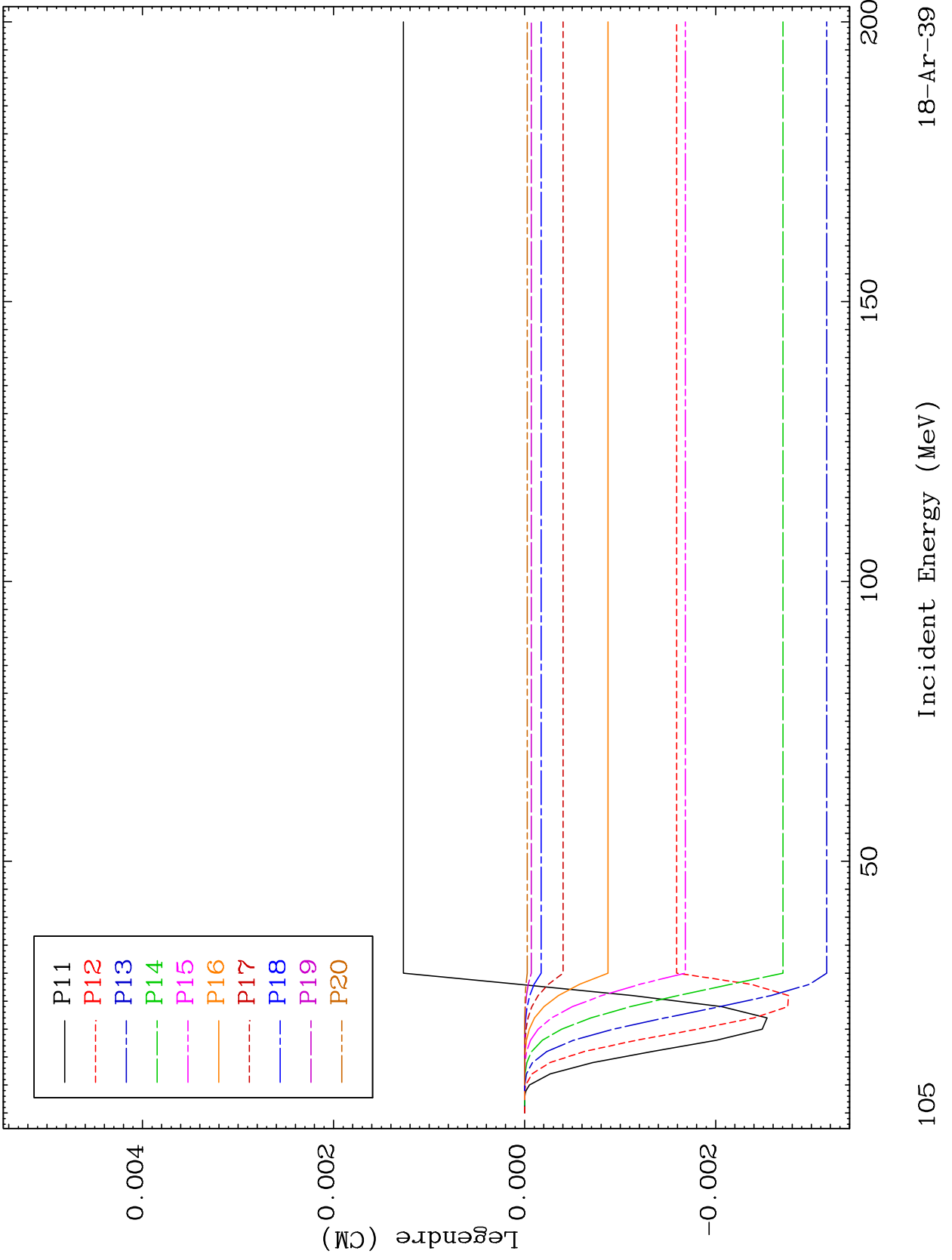
Incident Energy (MeV)

18-Ar-39

MAT 1834

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

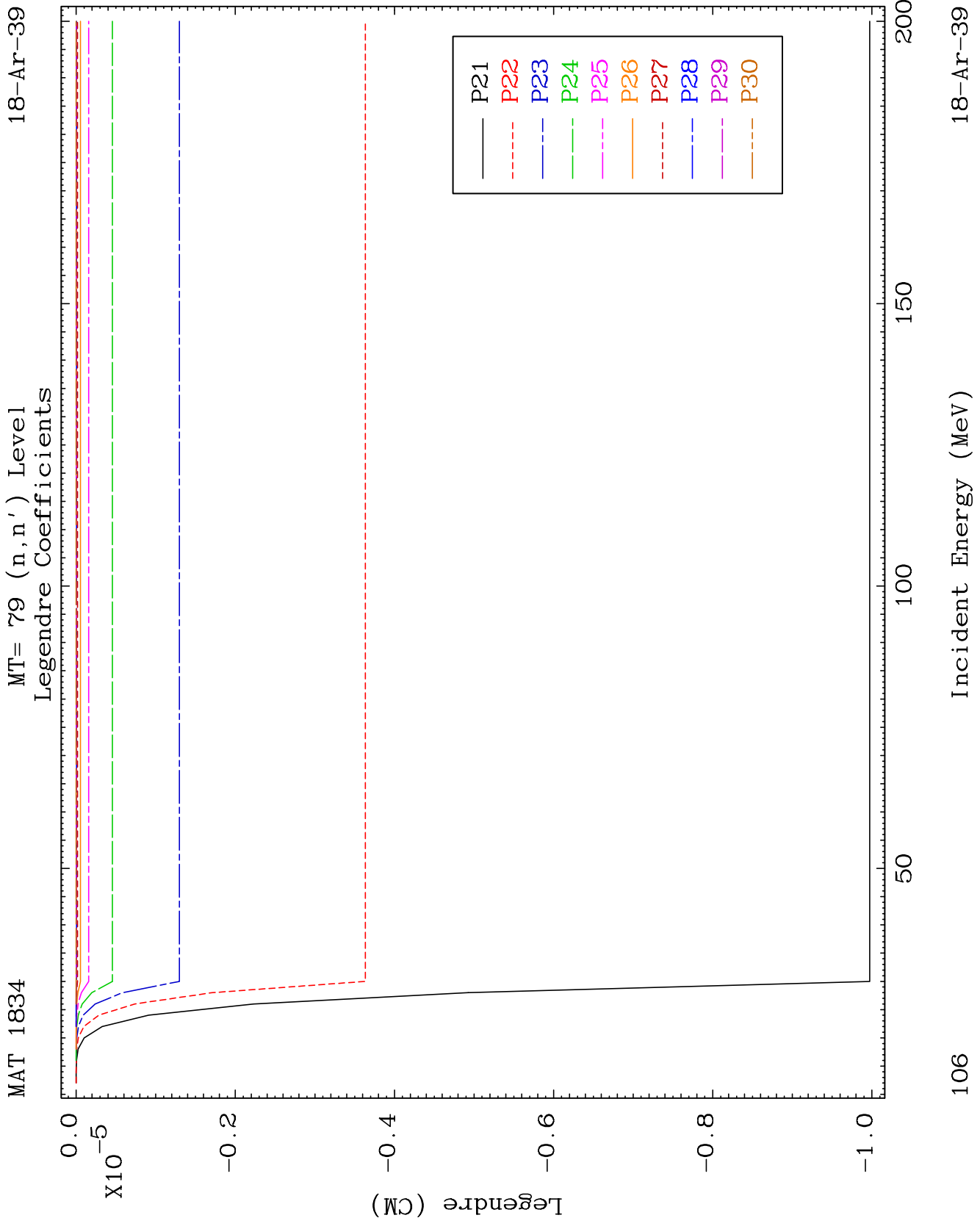
18-Ar-39



105

Incident Energy (MeV)

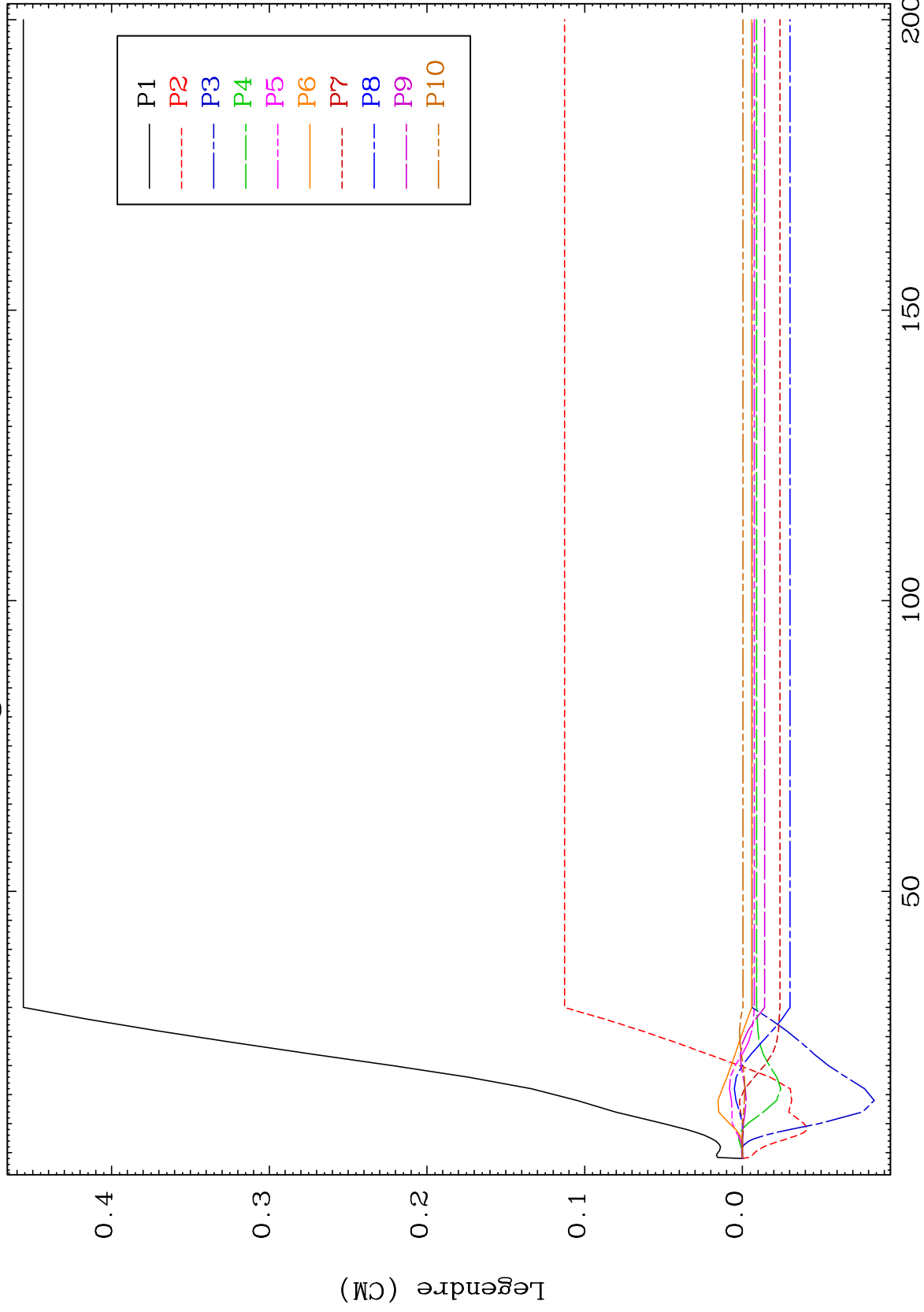
18-Ar-39



MAT 1834

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

18-Ar-39



107

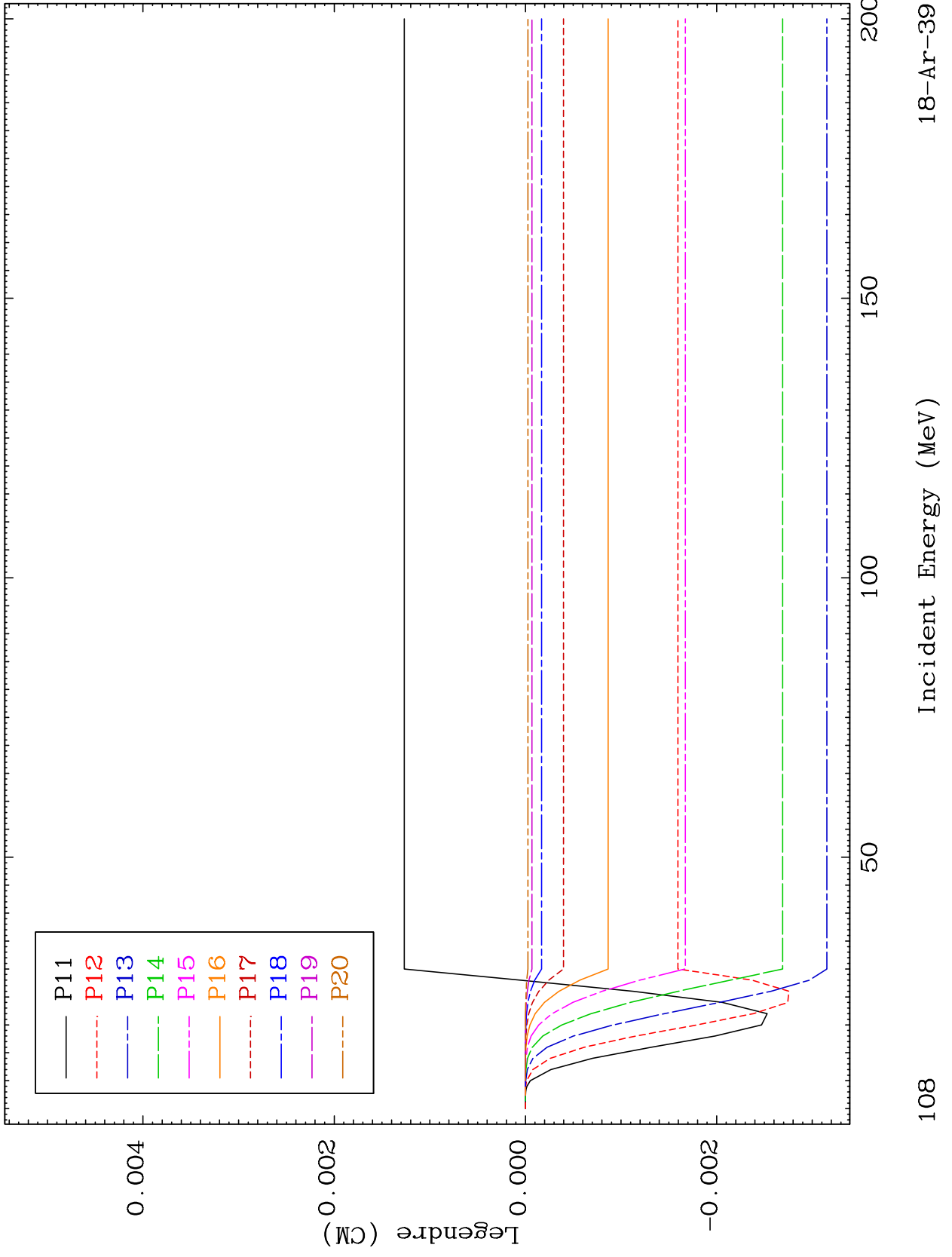
18-Ar-39

18-Ar-39

MAT 1834

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

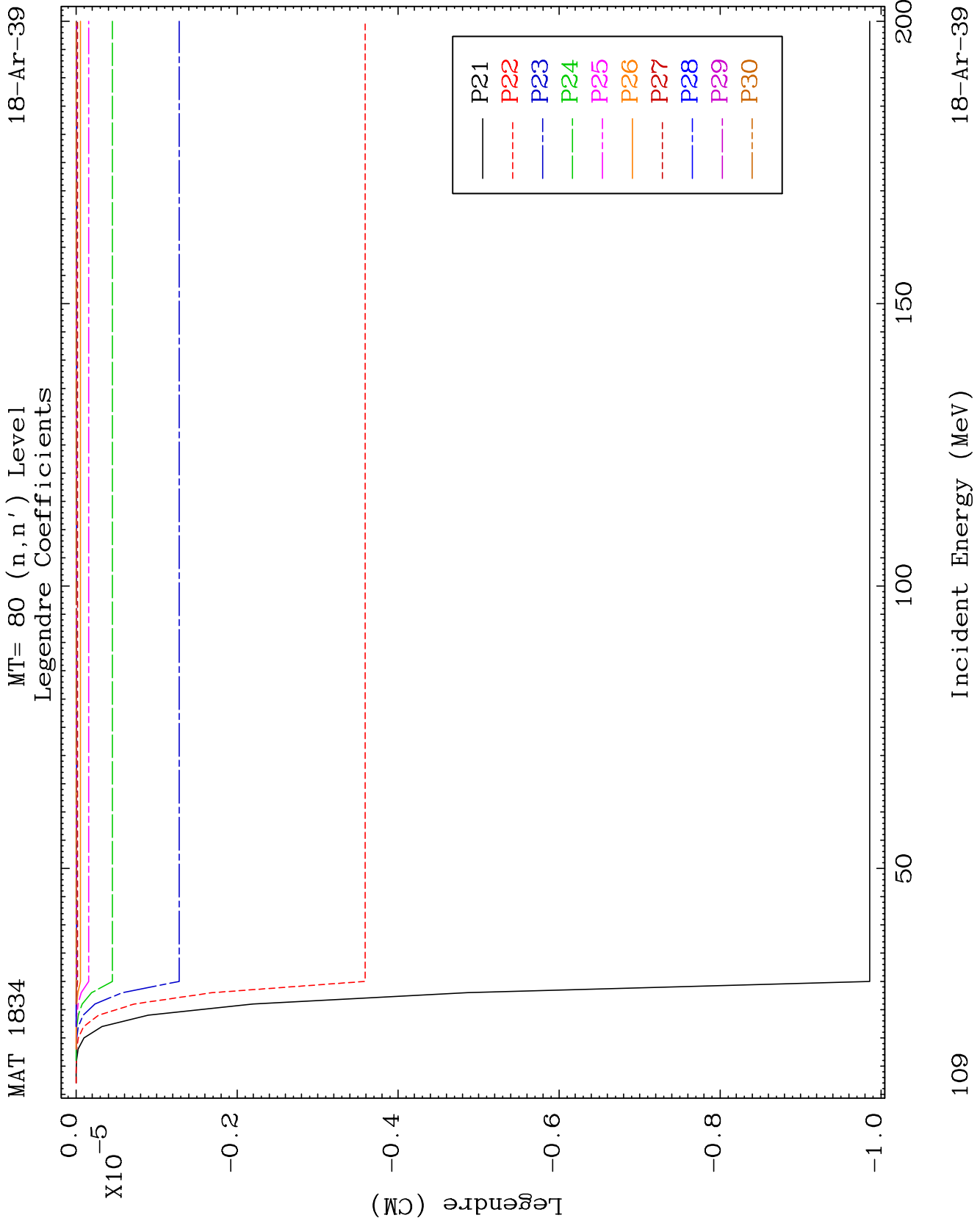
18-Ar-39

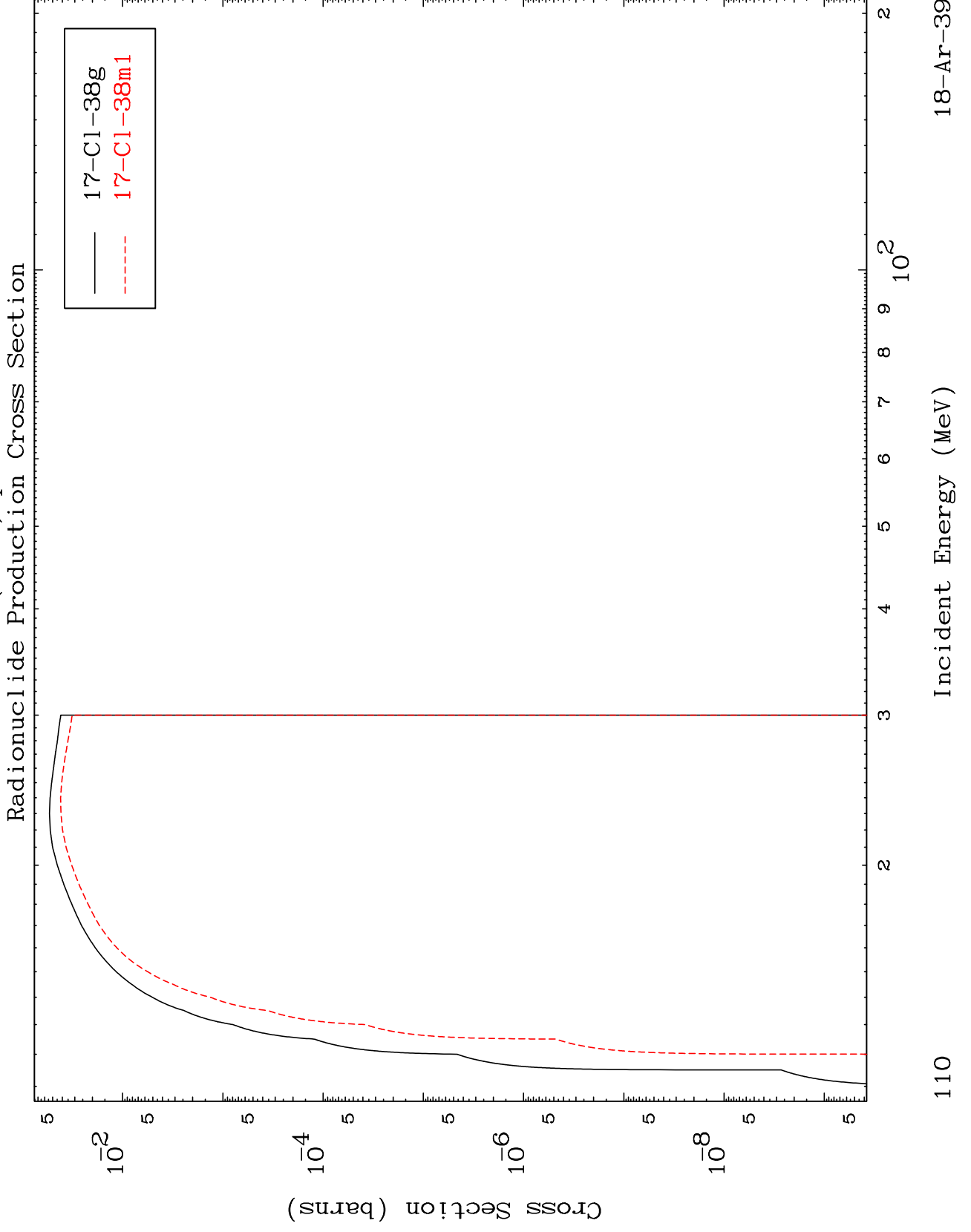


108

Incident Energy (MeV)

18-Ar-39



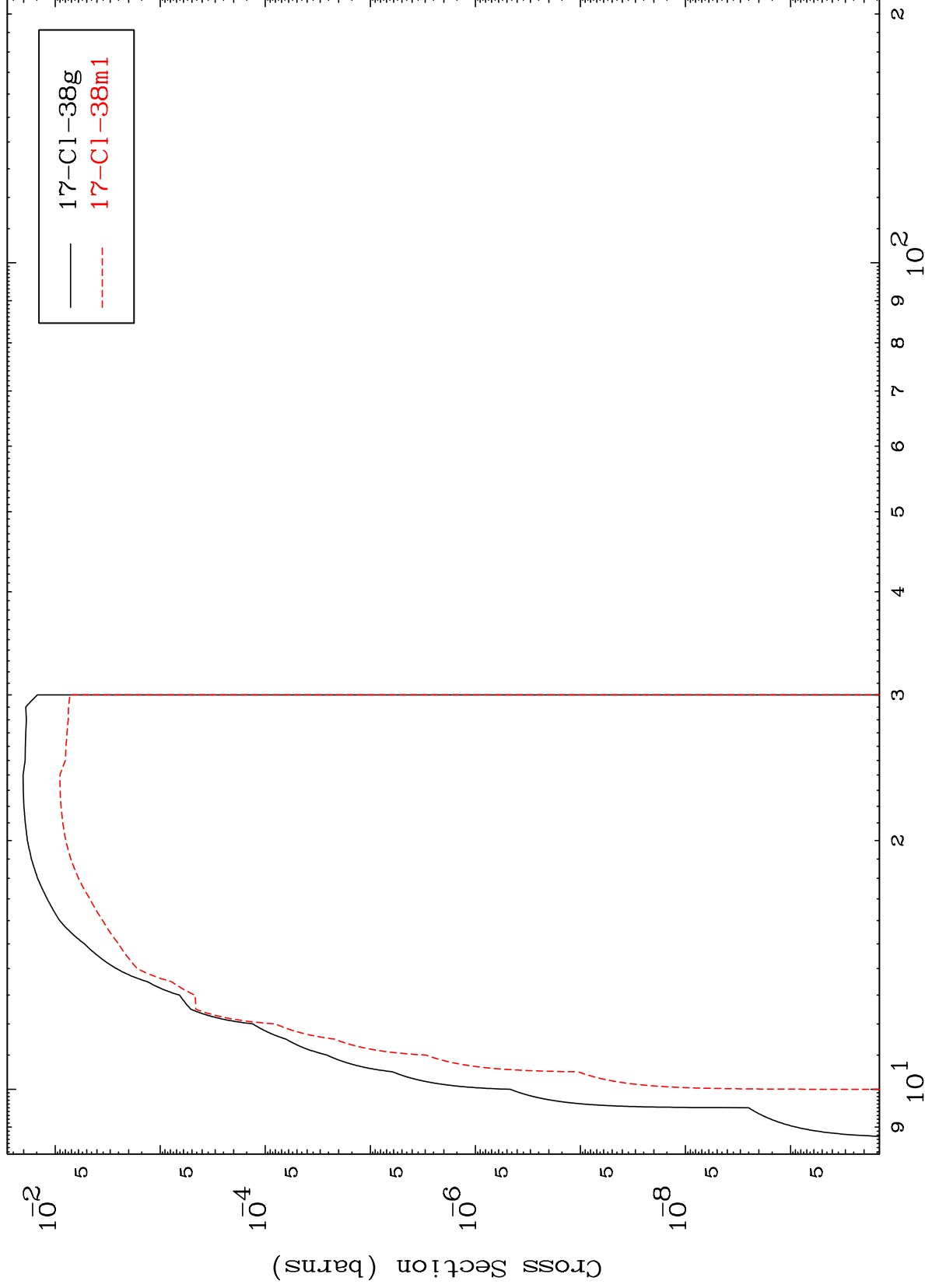


MAT 1834

(n,d)

18-Ar-39

Radionuclide Production Cross Section



111

Incident Energy (MeV)

18-Ar-39