

Program EVALPLOT
(Version 2017-1)

by

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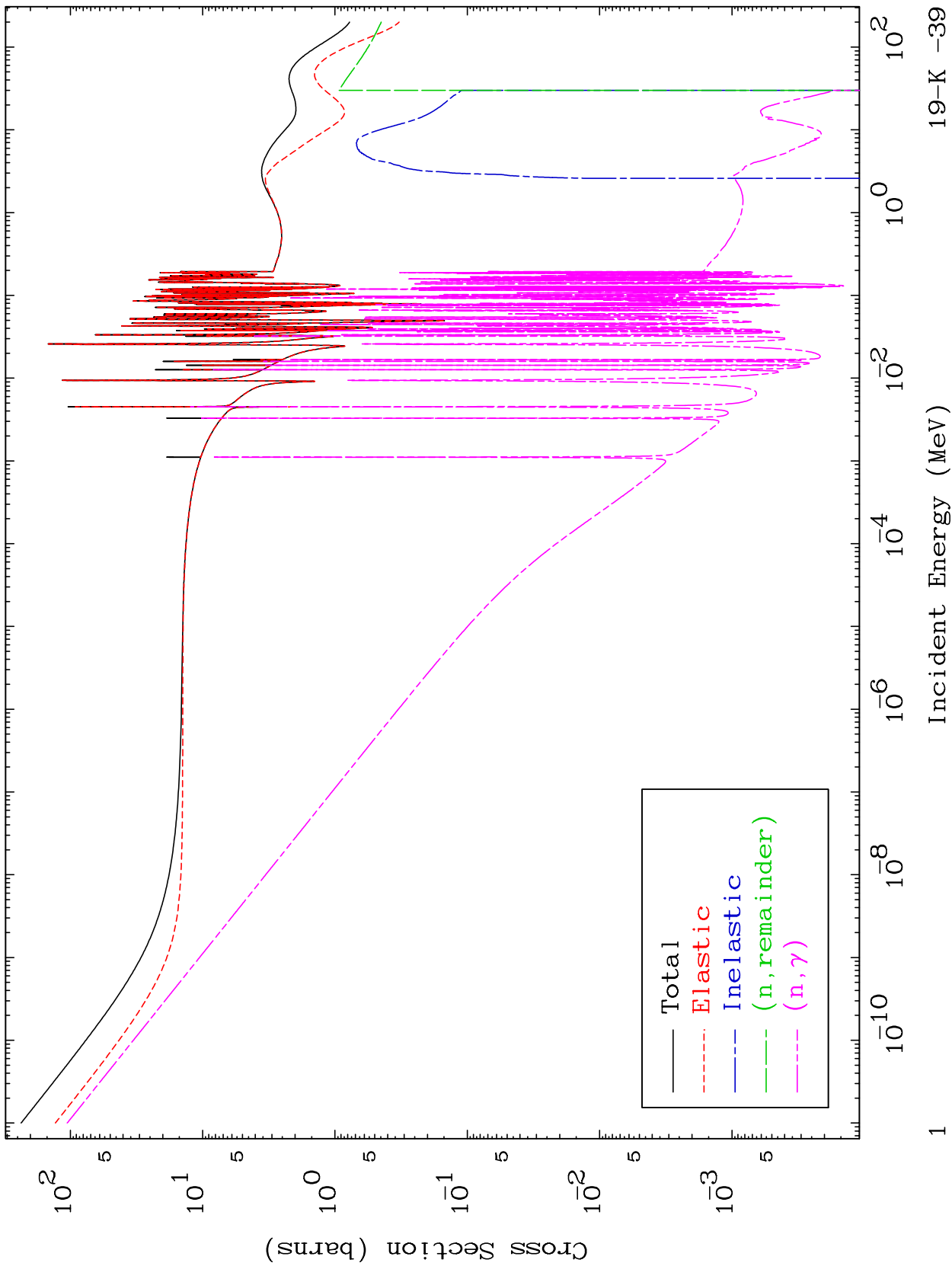
Press Mouse Button to Start

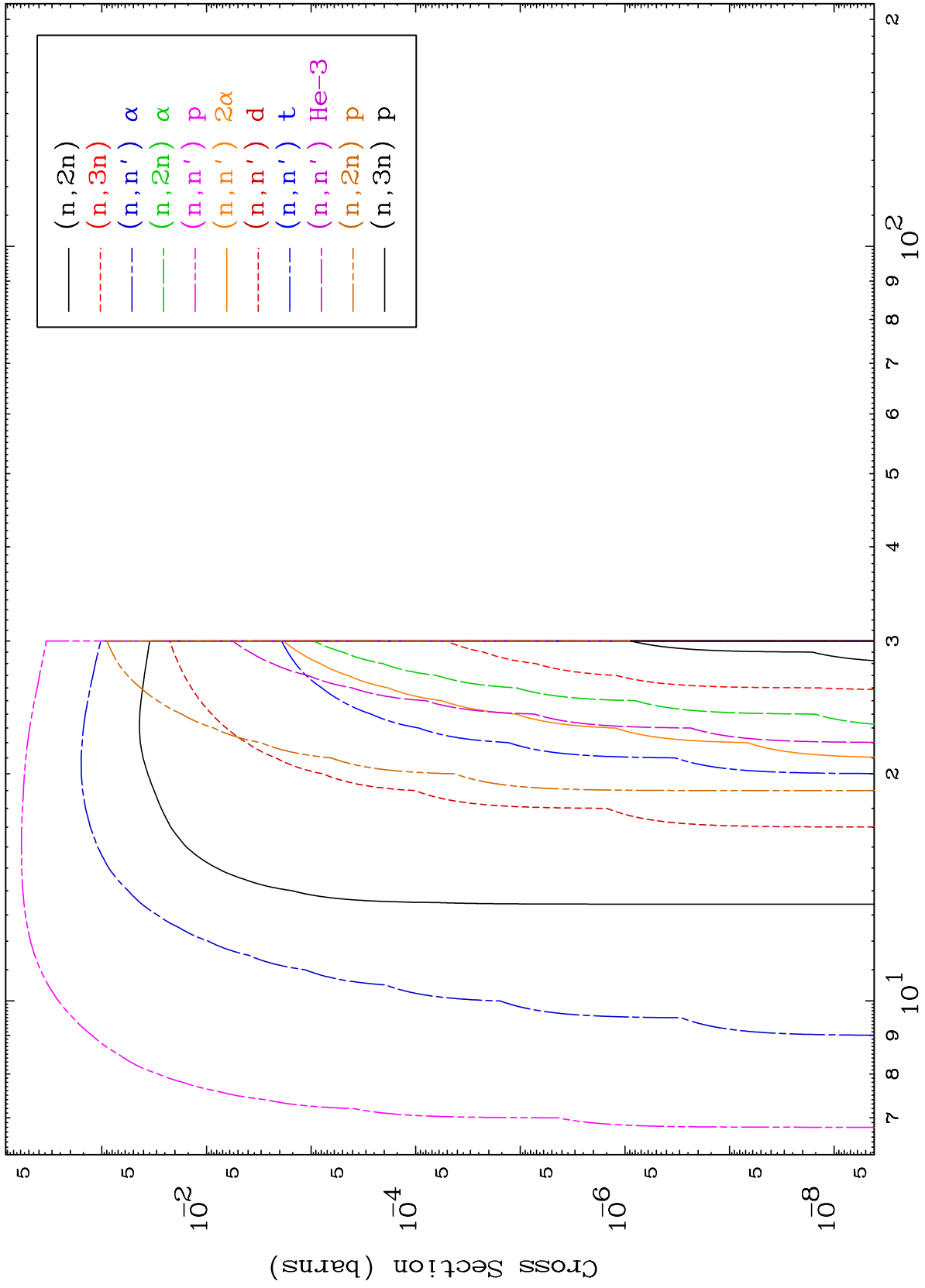
MAT 1925

Major

293 Kelvin Cross Sections

19-K -39

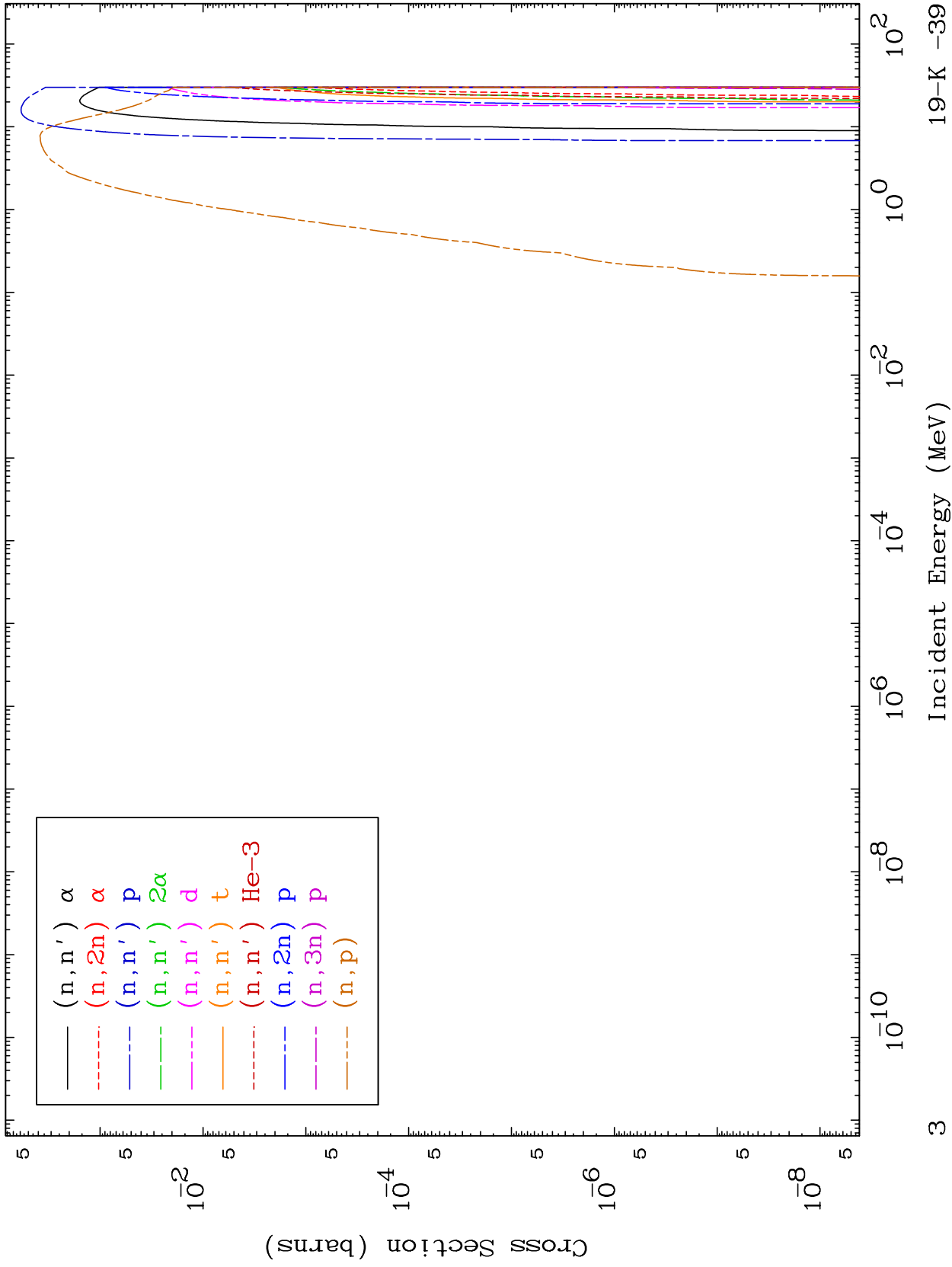




MAT 1925

Charged Particle
293 Kelvin Cross Sections

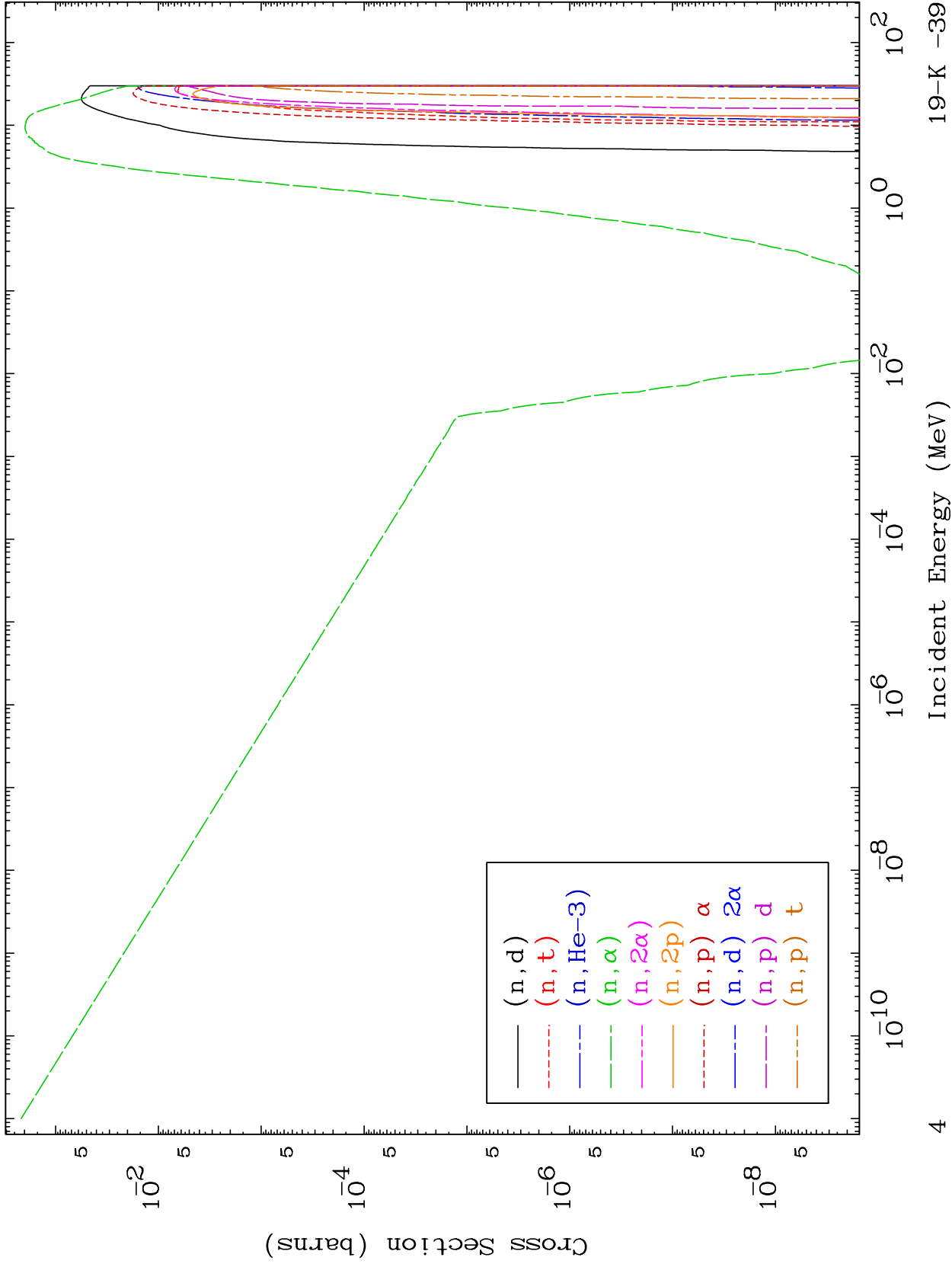
19-K -39



MAT 1925

Charged Particle
293 Kelvin Cross Sections

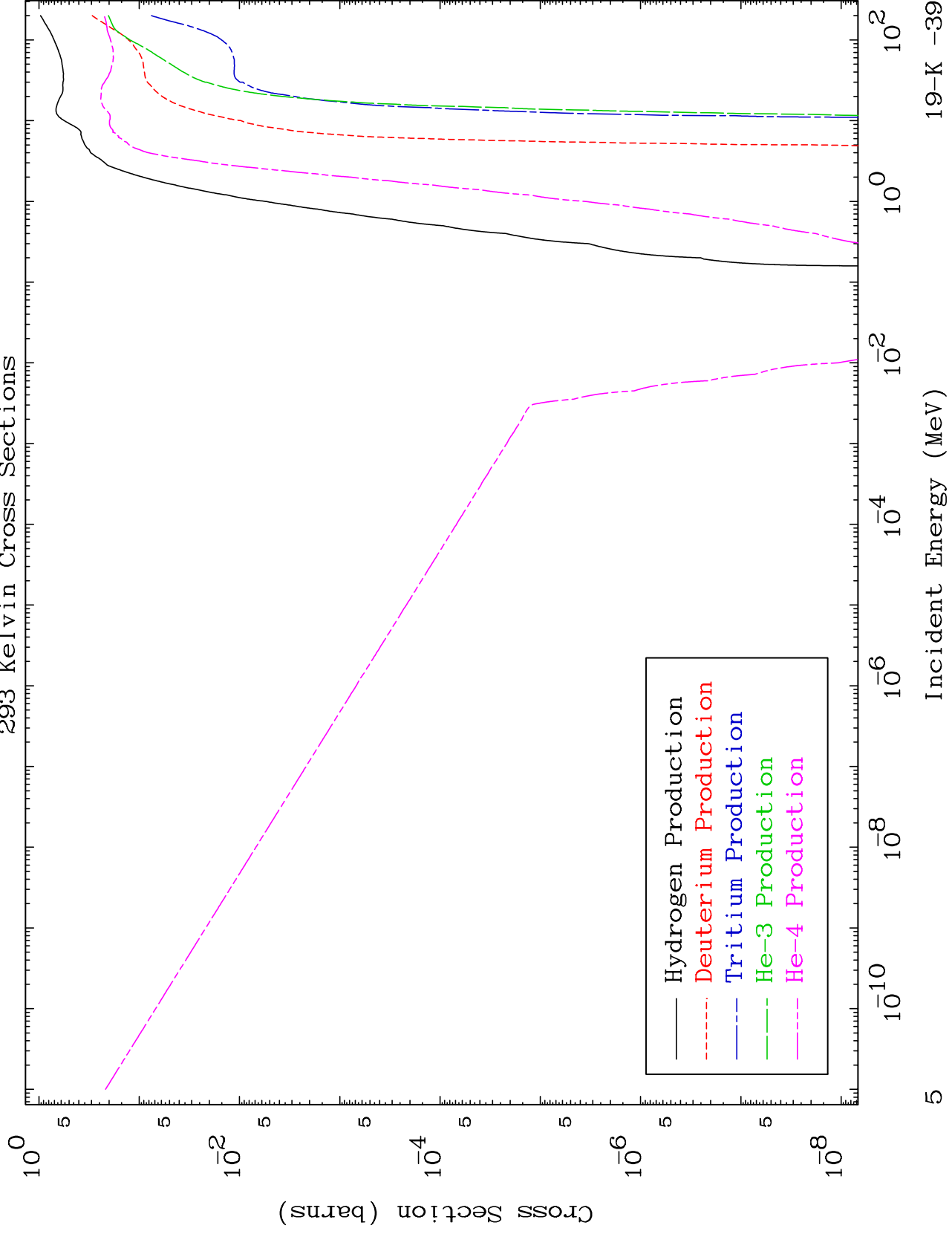
19-K -39



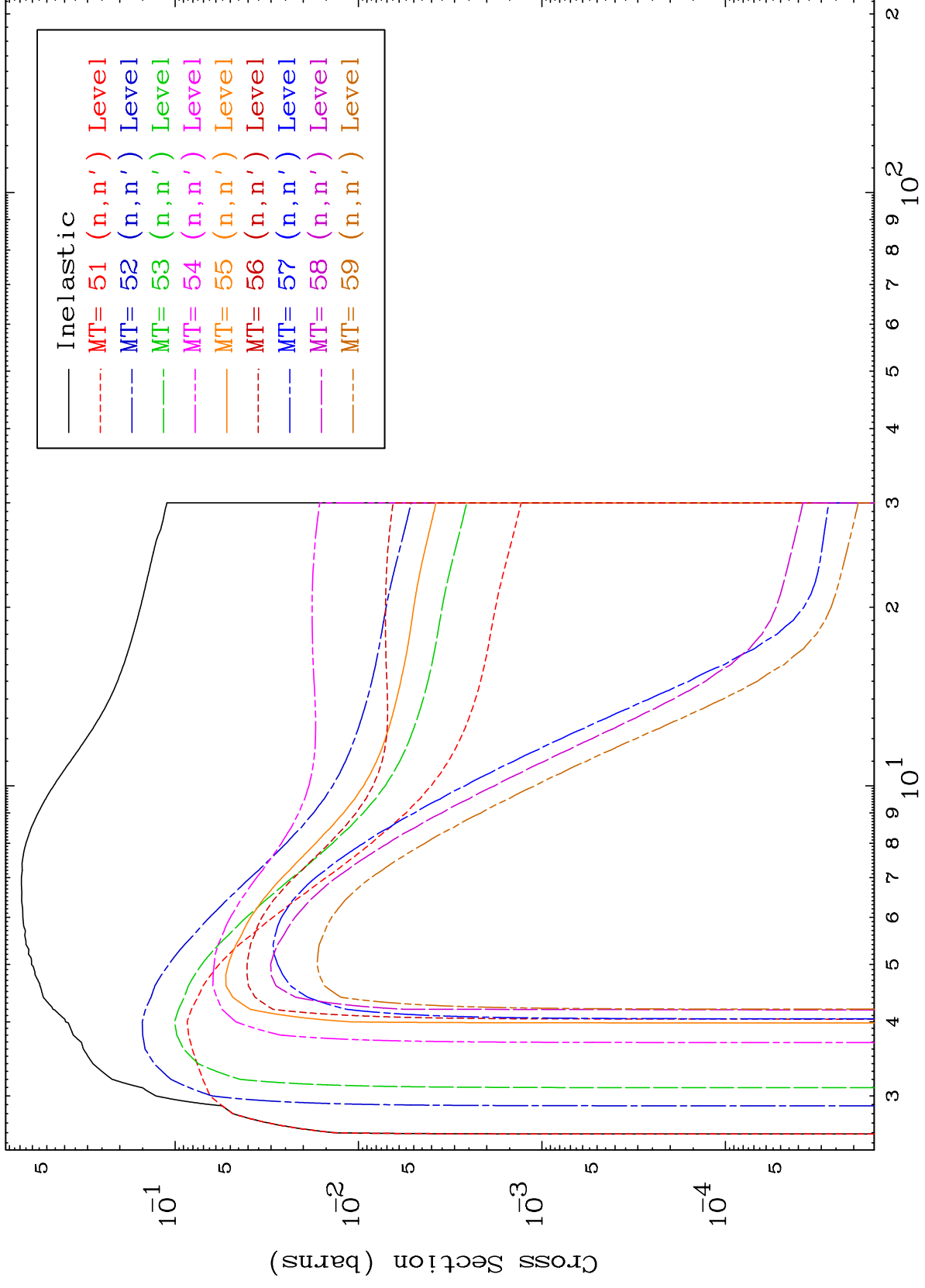
MAT 1925

Particle Production
293 Kelvin Cross Sections

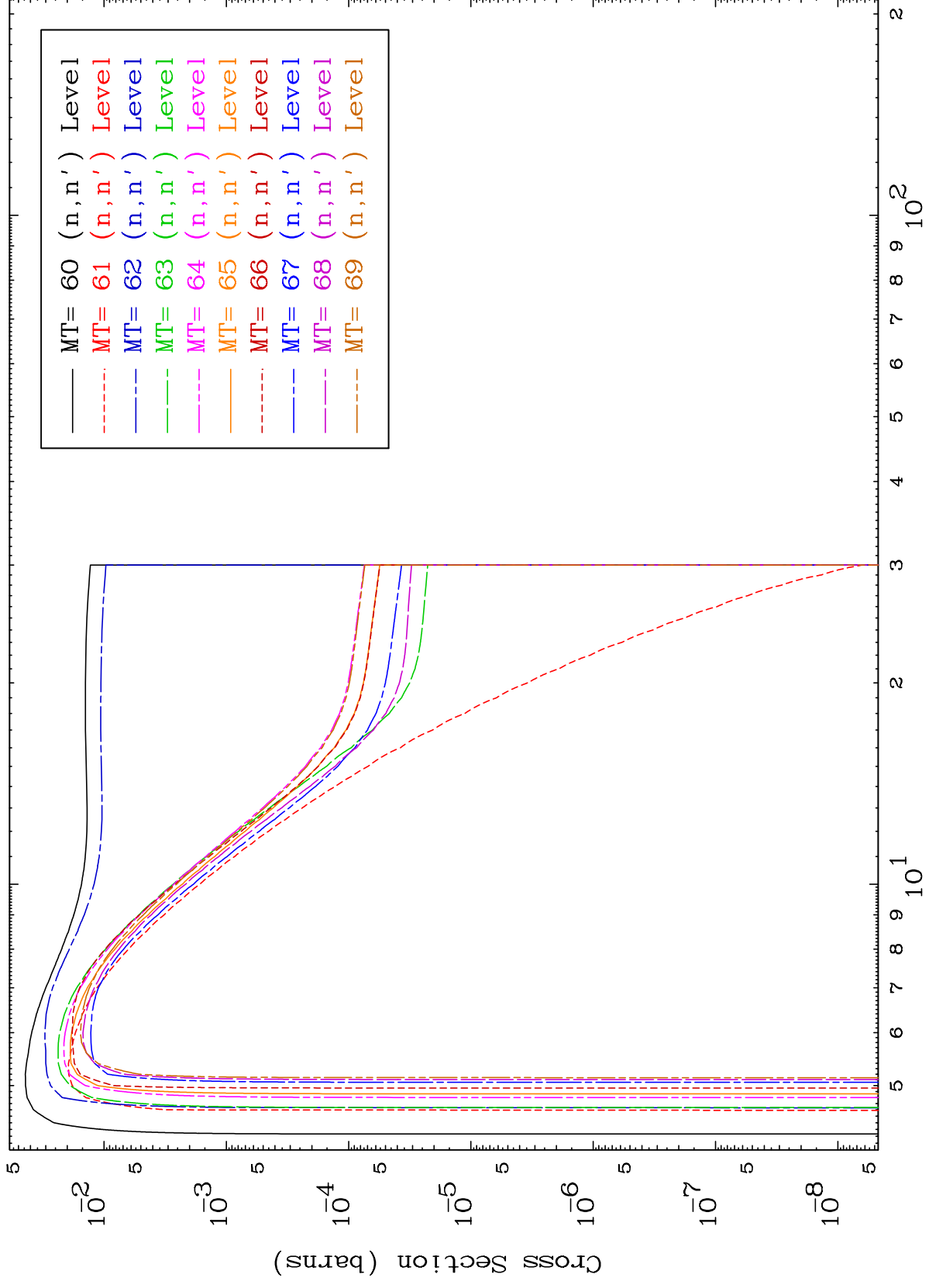
19-K -39



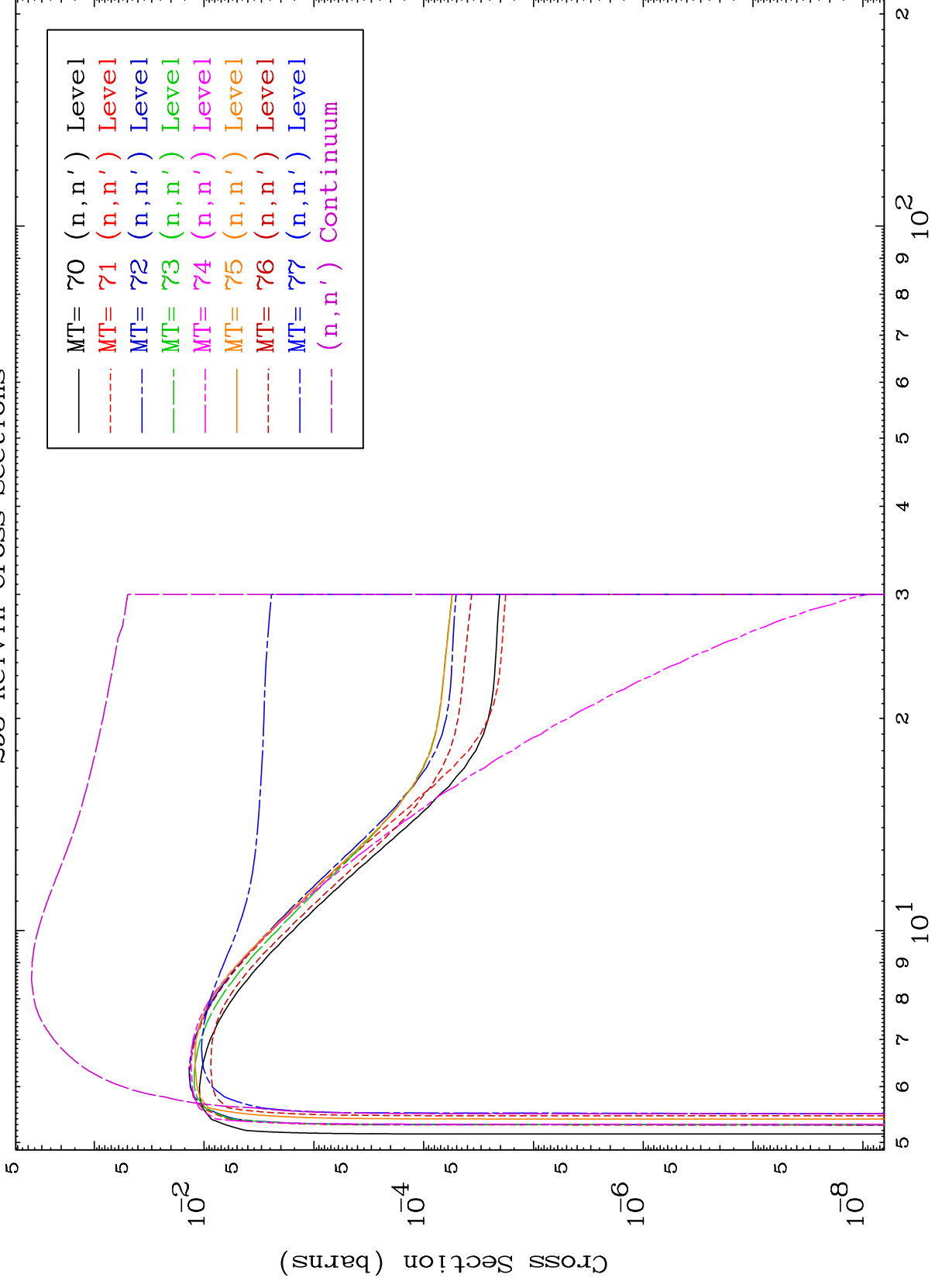
293 Kelvin Cross Sections



293 Kelvin Cross Sections



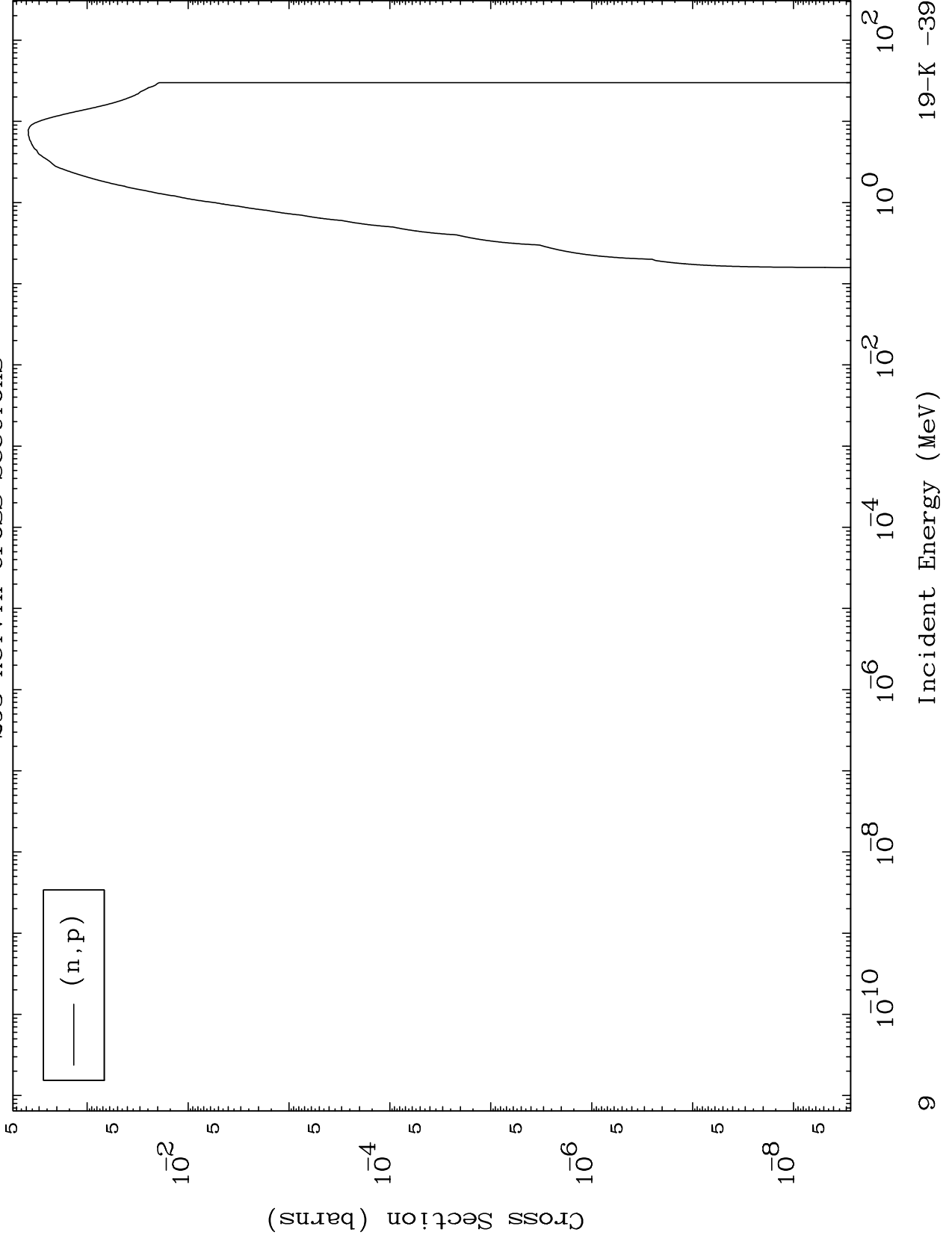
293 Kelvin Cross Sections



MAT 1925

(n,p) Levels
293 Kelvin Cross Sections

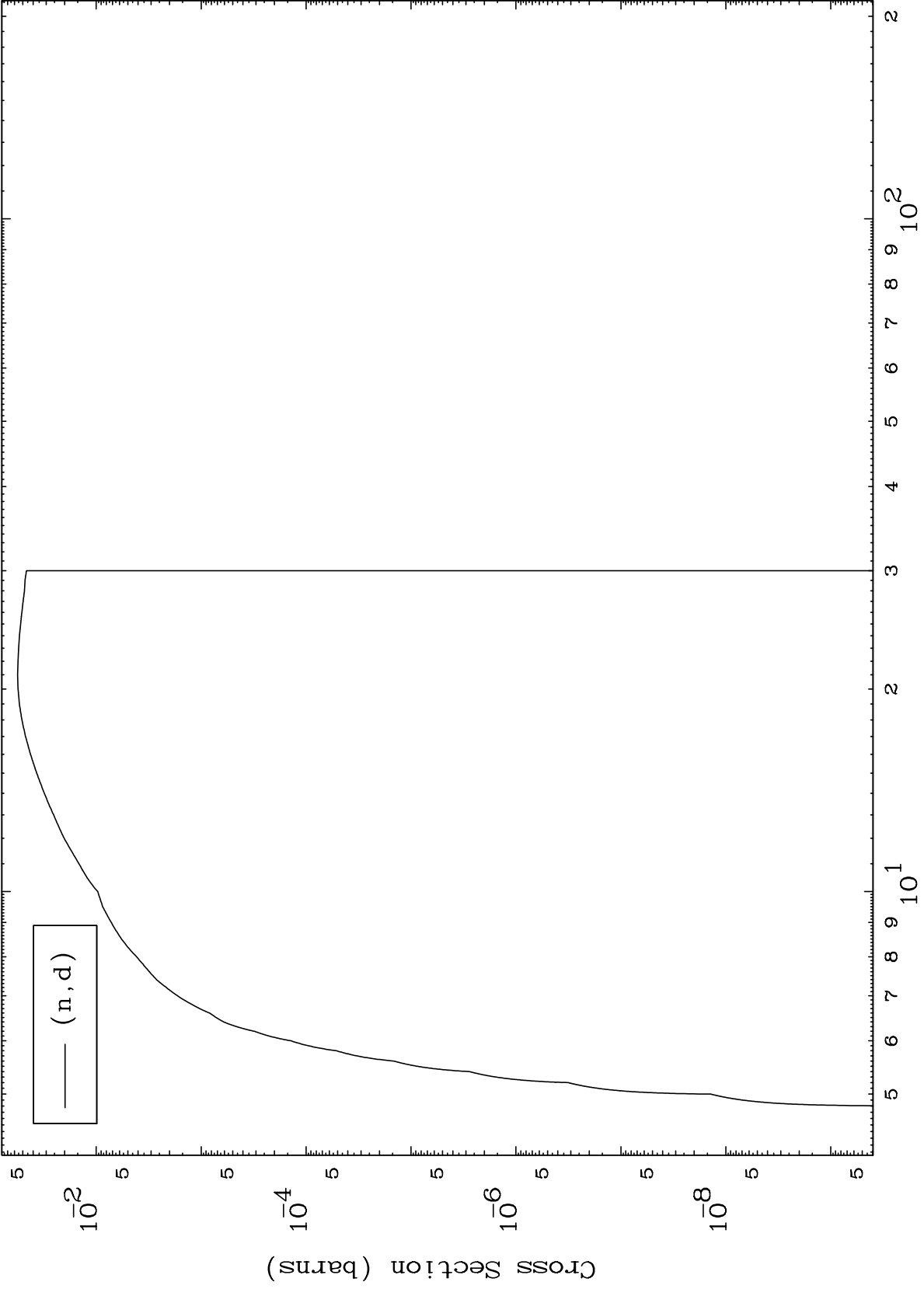
19-K -39



MAT 1925

(n,d) Levels
293 Kelvin Cross Sections

19-K -39



10

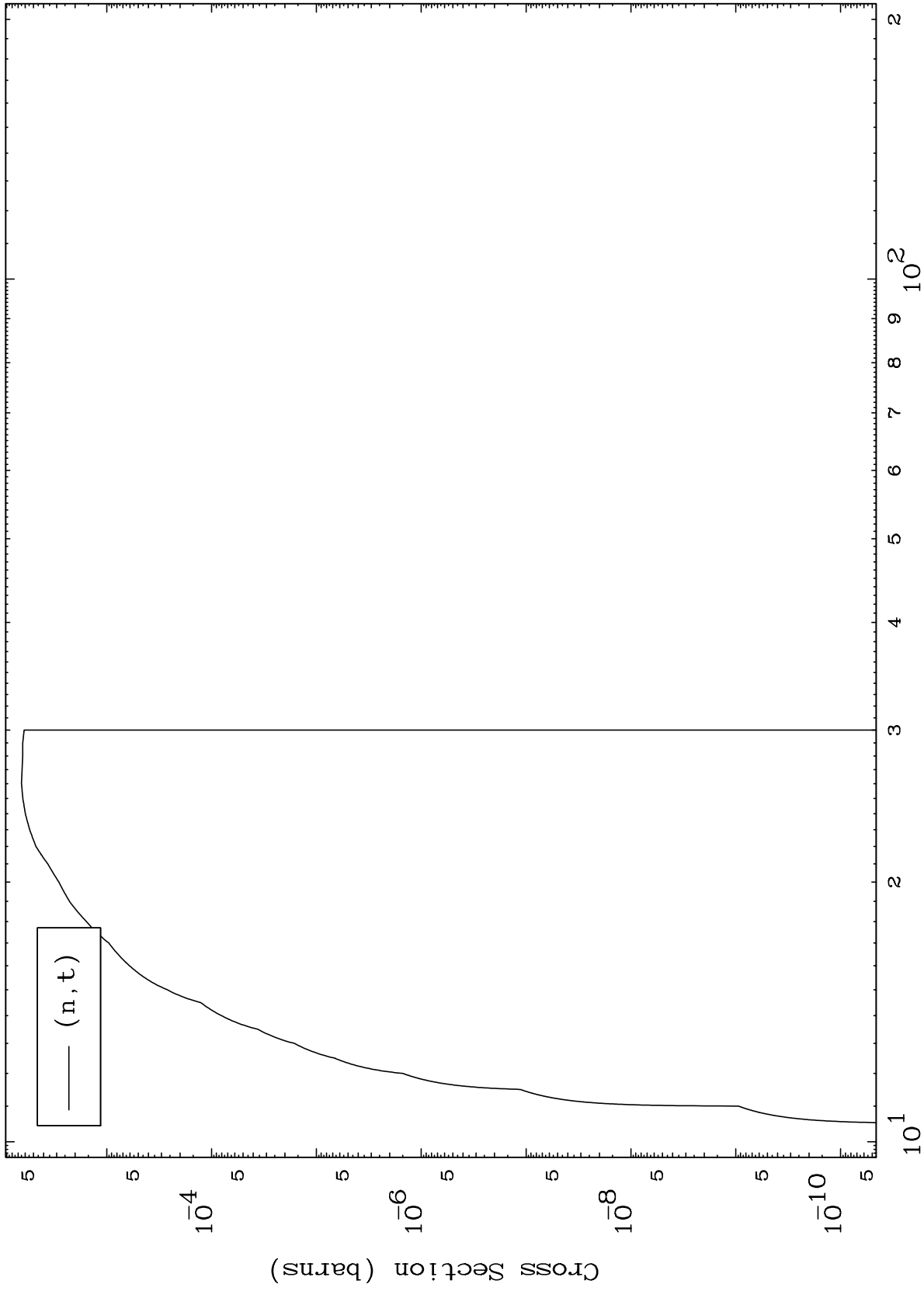
Incident Energy (MeV)

19-K -39

MAT 1925

(n,t) Levels
293 Kelvin Cross Sections

19-K -39



Incident Energy (MeV)

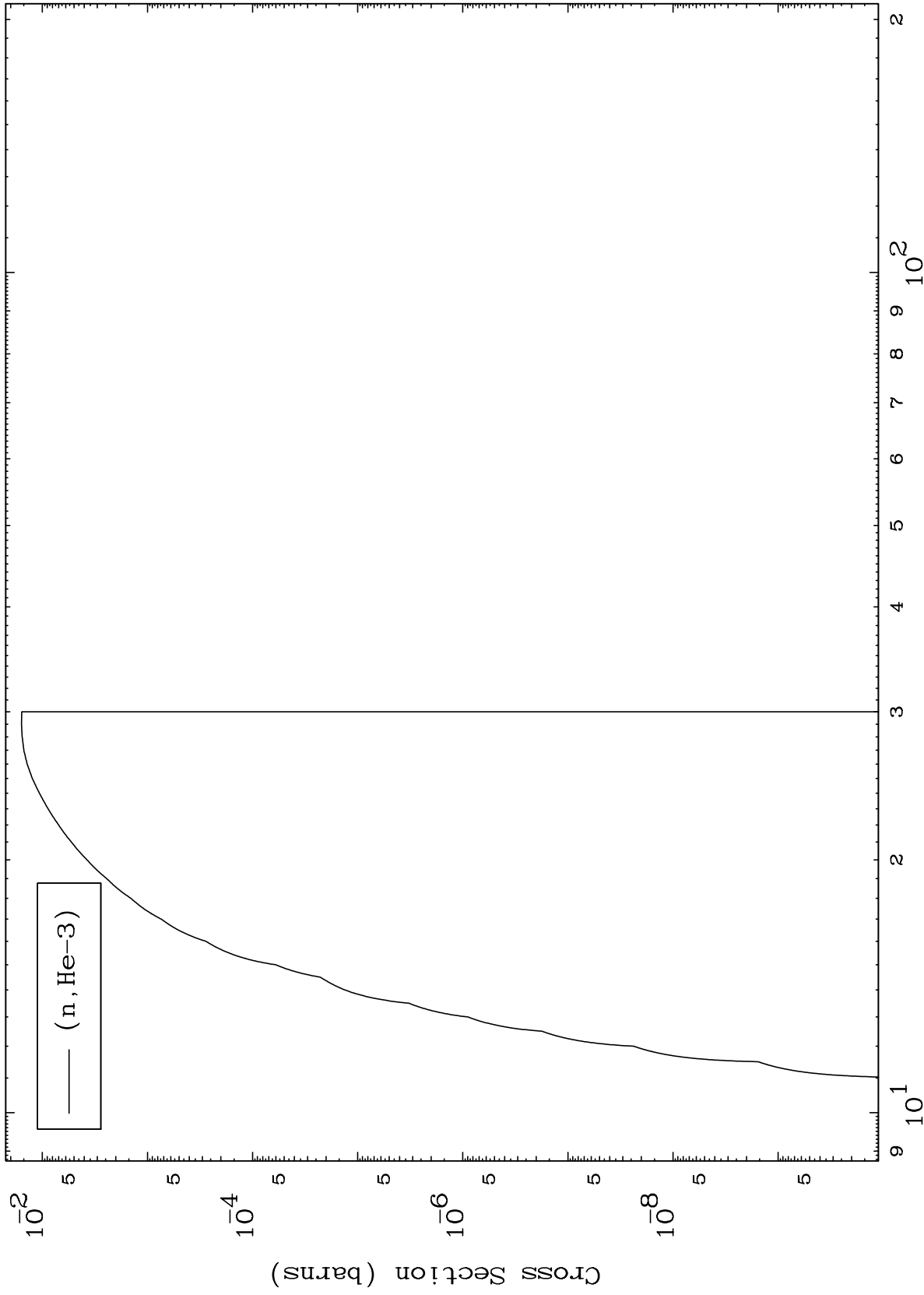
19-K -39

11

MAT 1925

(n,He3) Levels
293 Kelvin Cross Sections

19-K -39



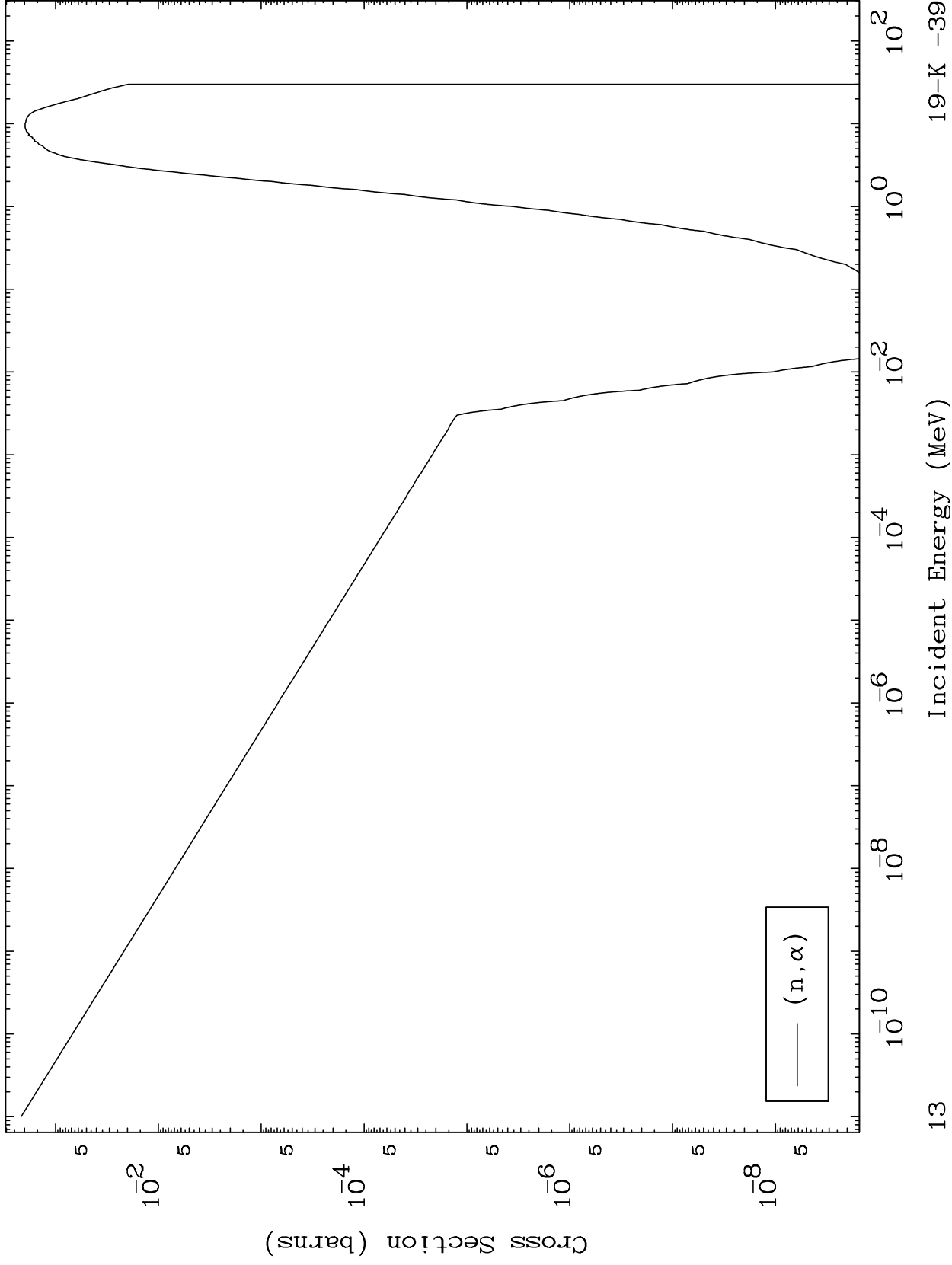
Incident Energy (MeV)

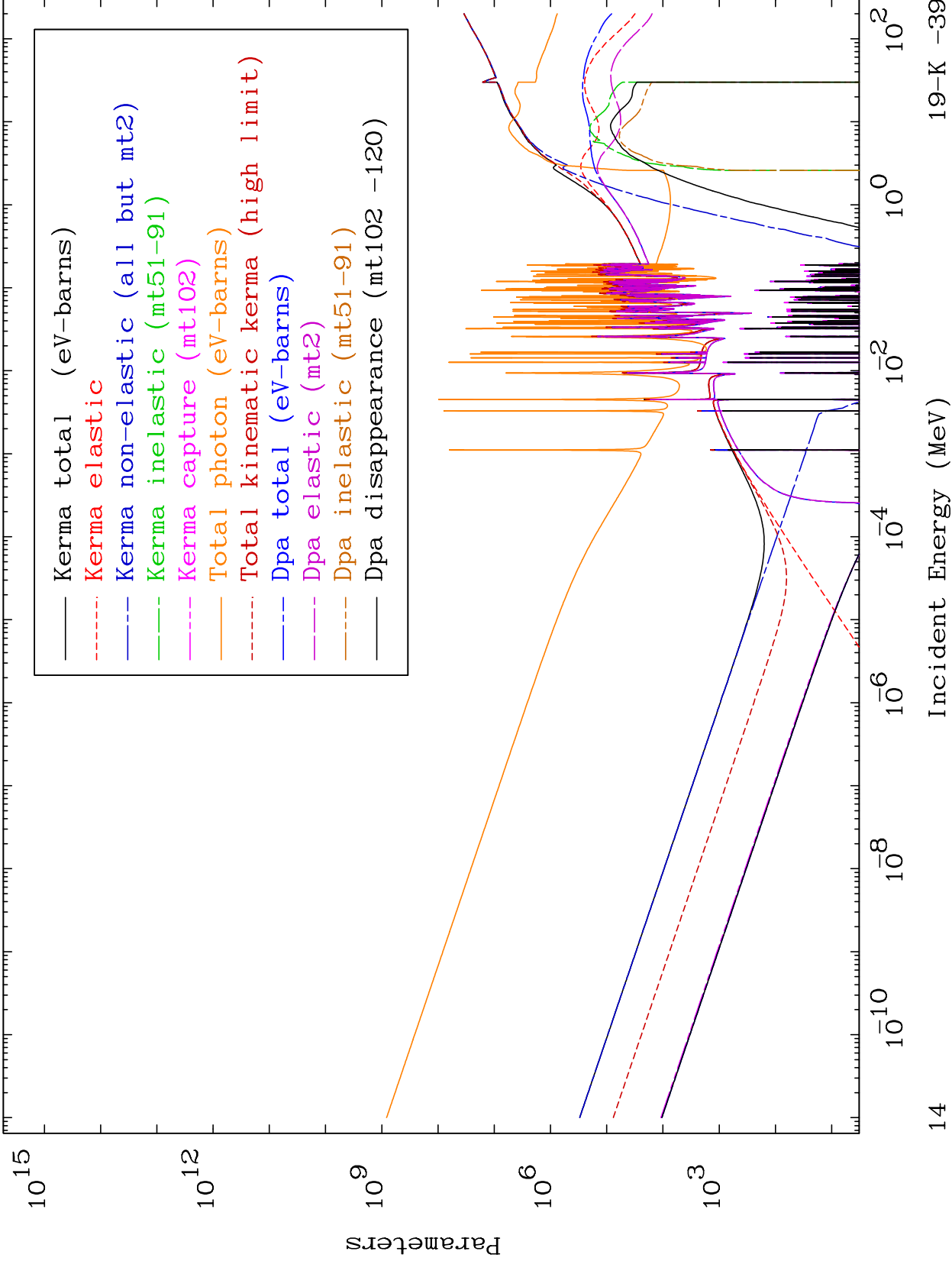
19-K -39

MAT 1925

(n,α) Levels
293 Kelvin Cross Sections

19-K -39

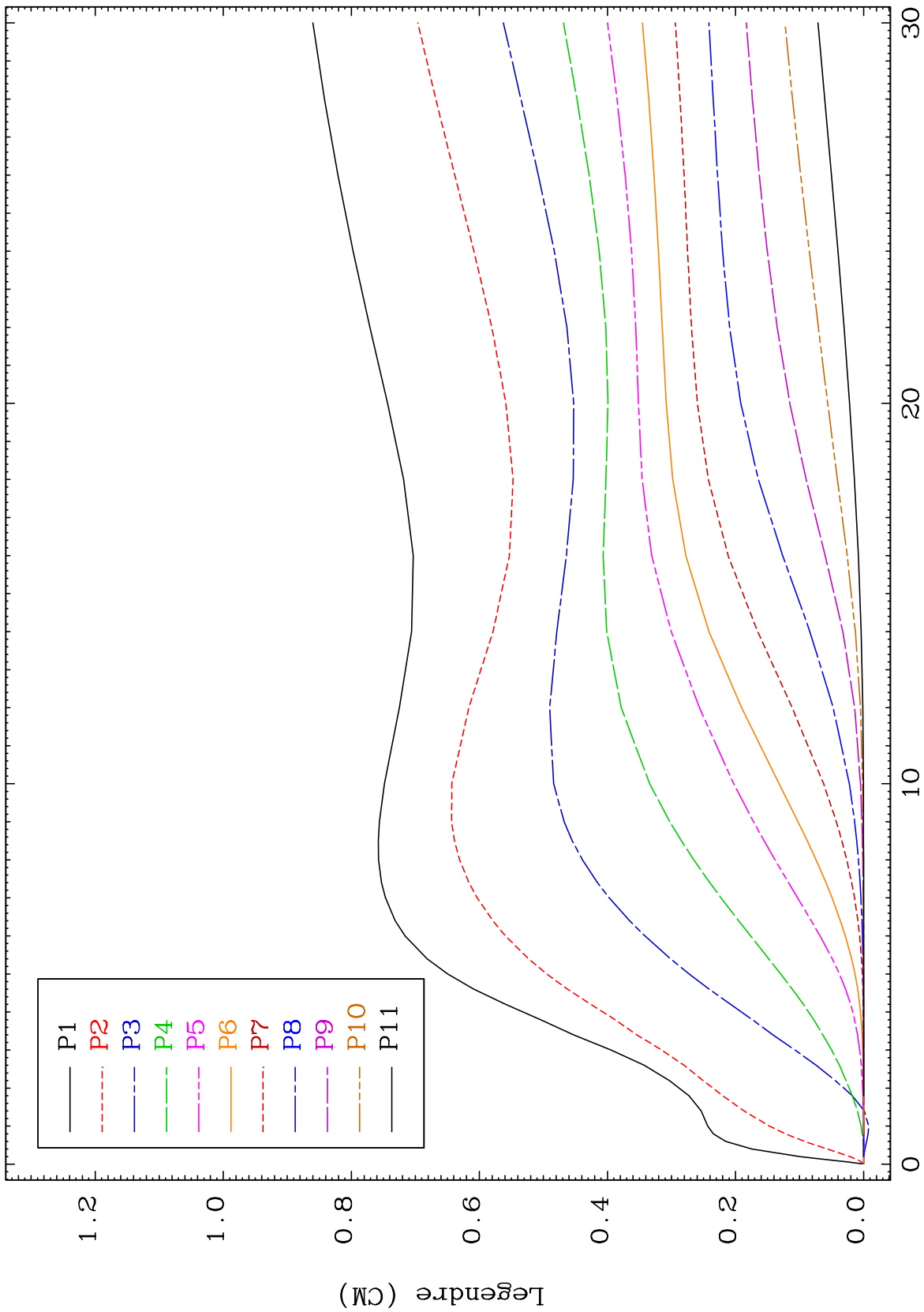




MAT 1925

Elastic Legendre Coefficients

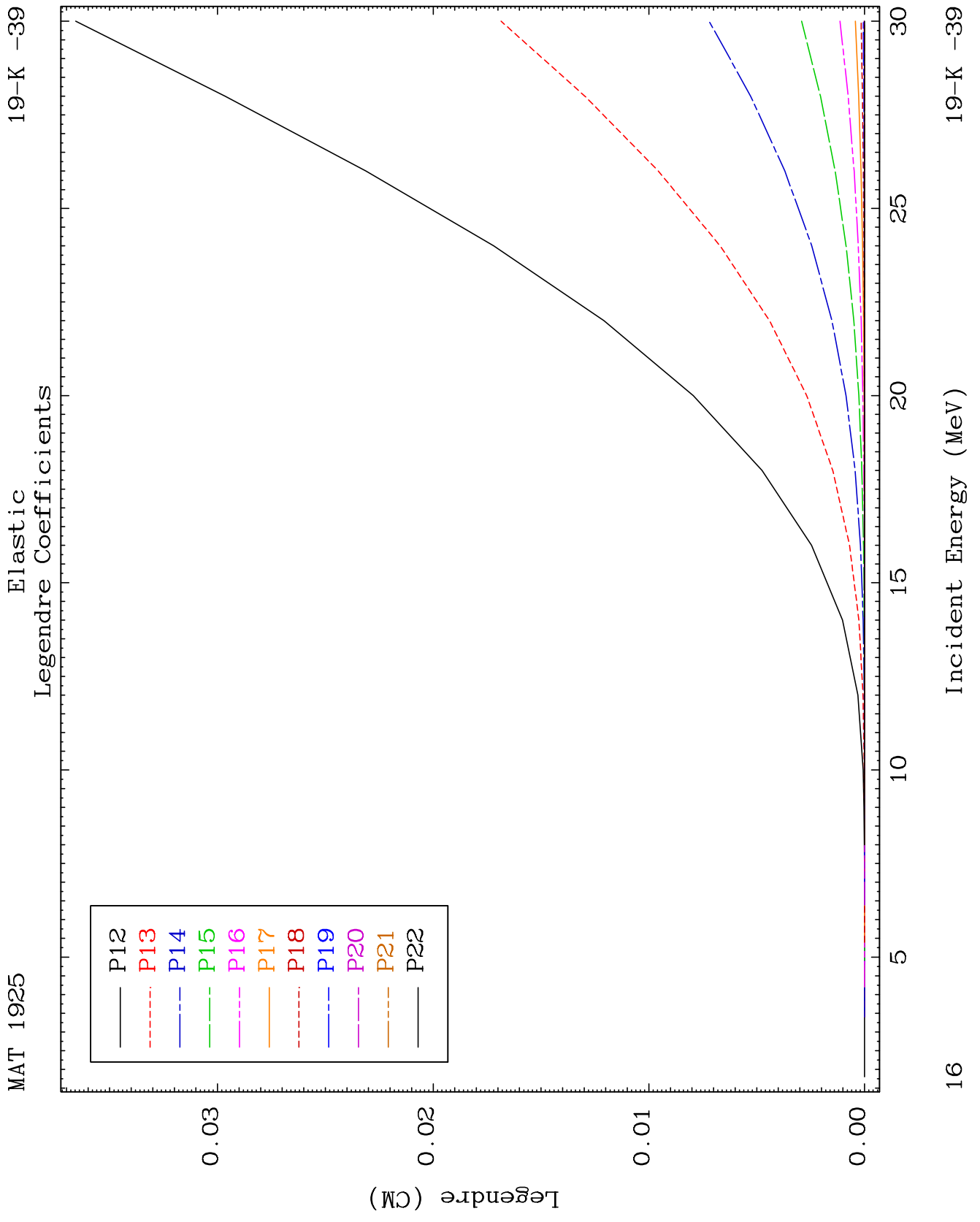
19-K -39



15

Incident Energy (MeV)

19-K -39



MAT 1925

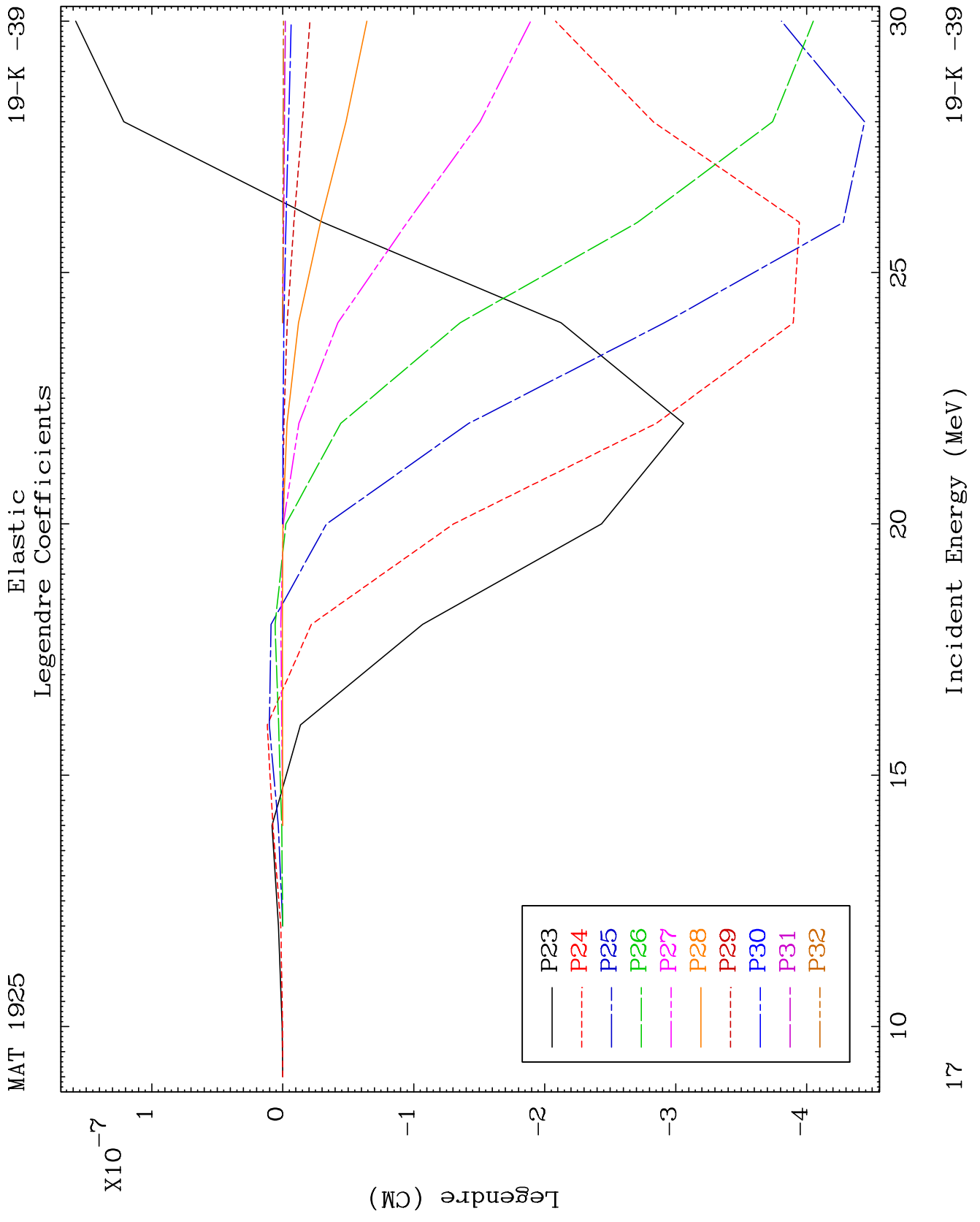
Elastic Legendre Coefficients

19-K -39

16

Incident Energy (MeV)

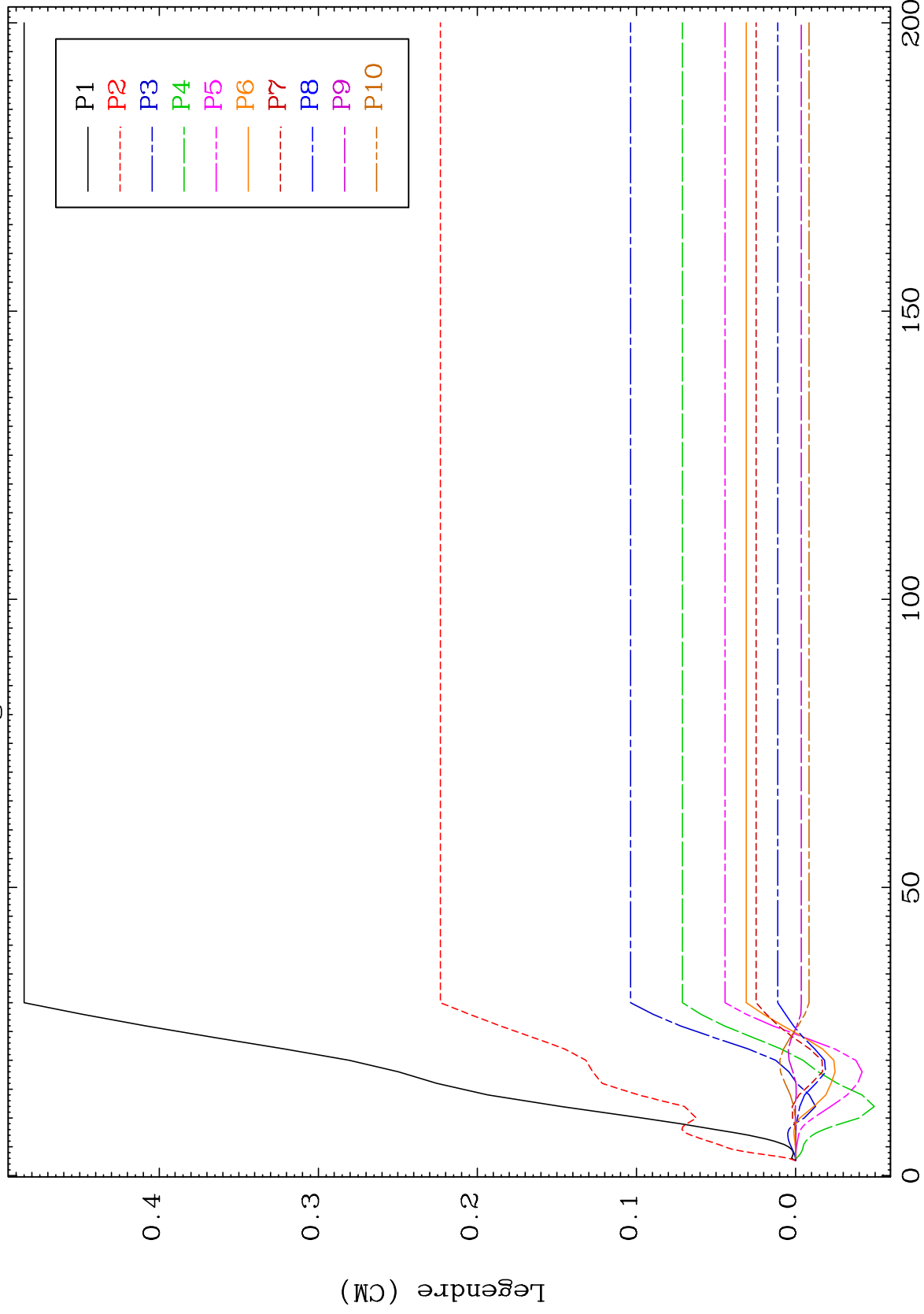
19-K -39



MAT 1925

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

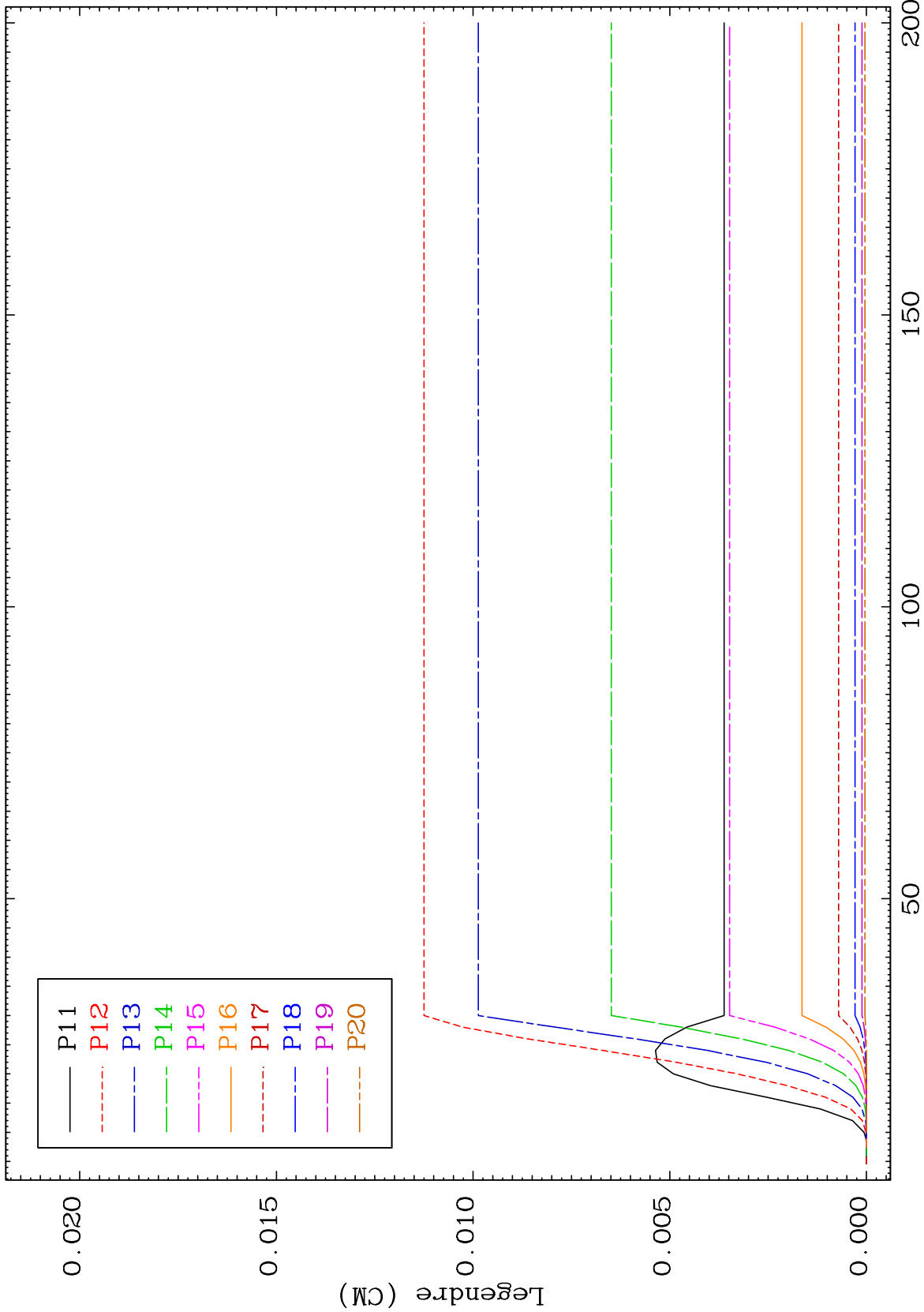
19-K -39



18

Incident Energy (MeV)

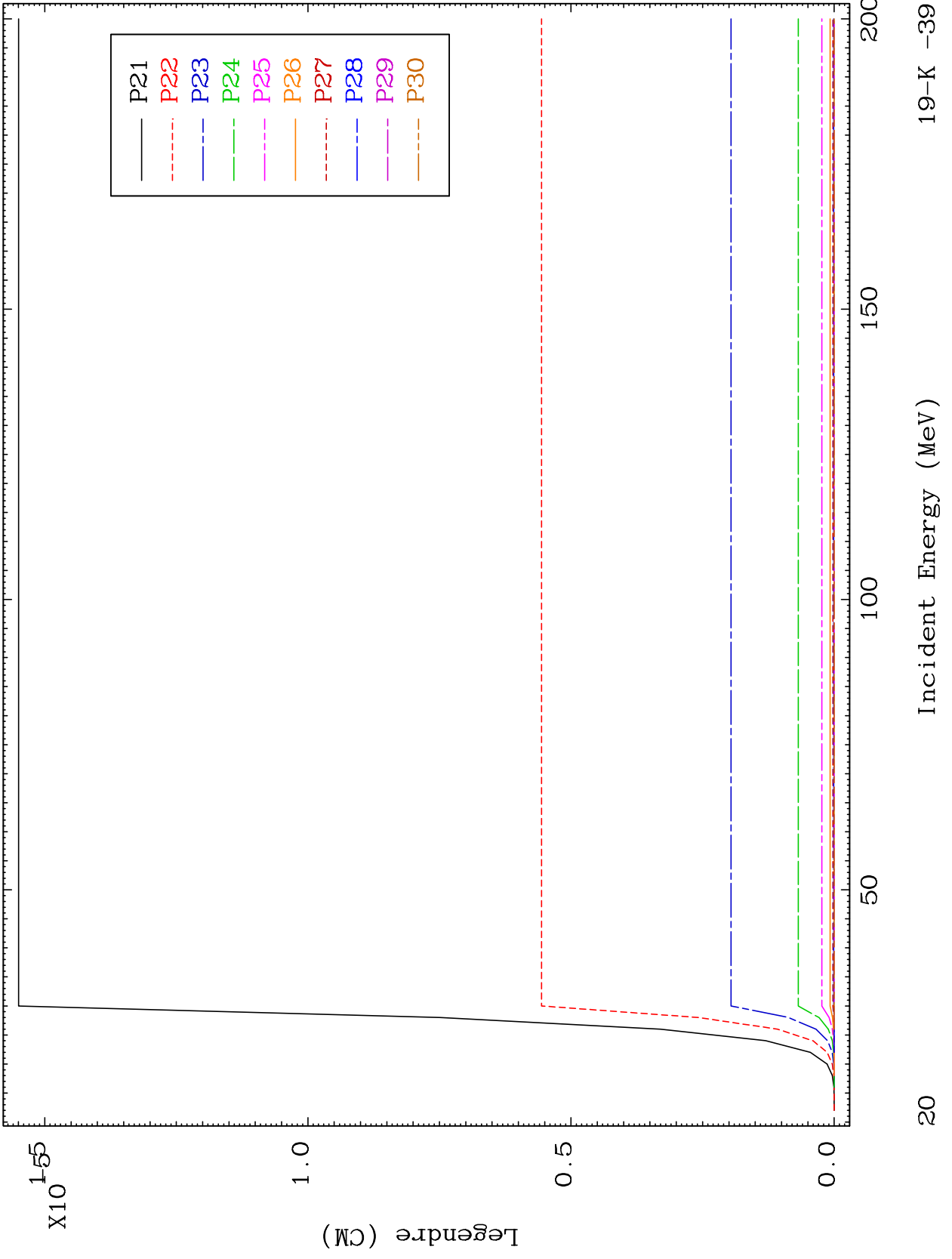
19-K -39



MAT 1925

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

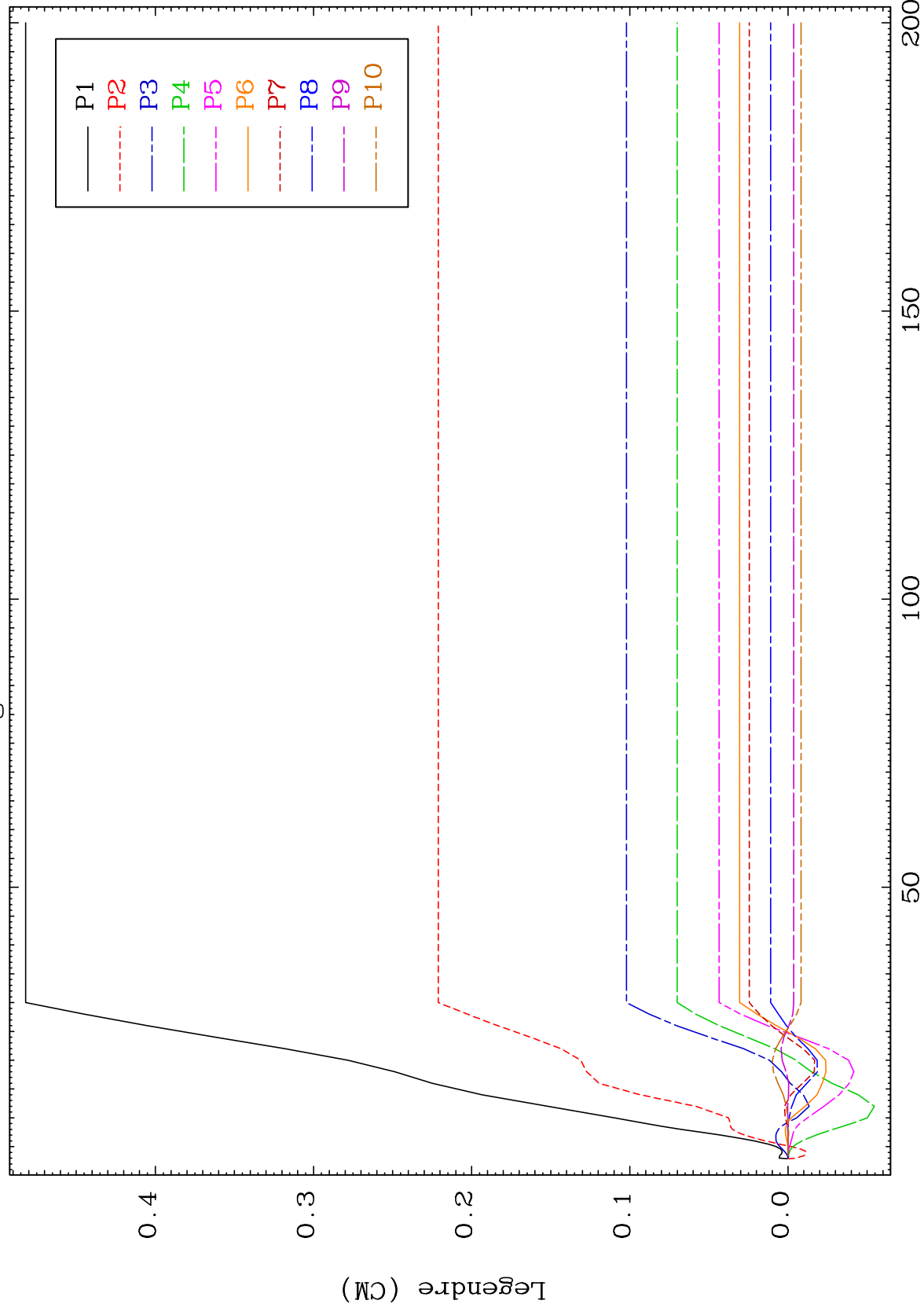
19-K -39



MAT 1925

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

19-K -39



21

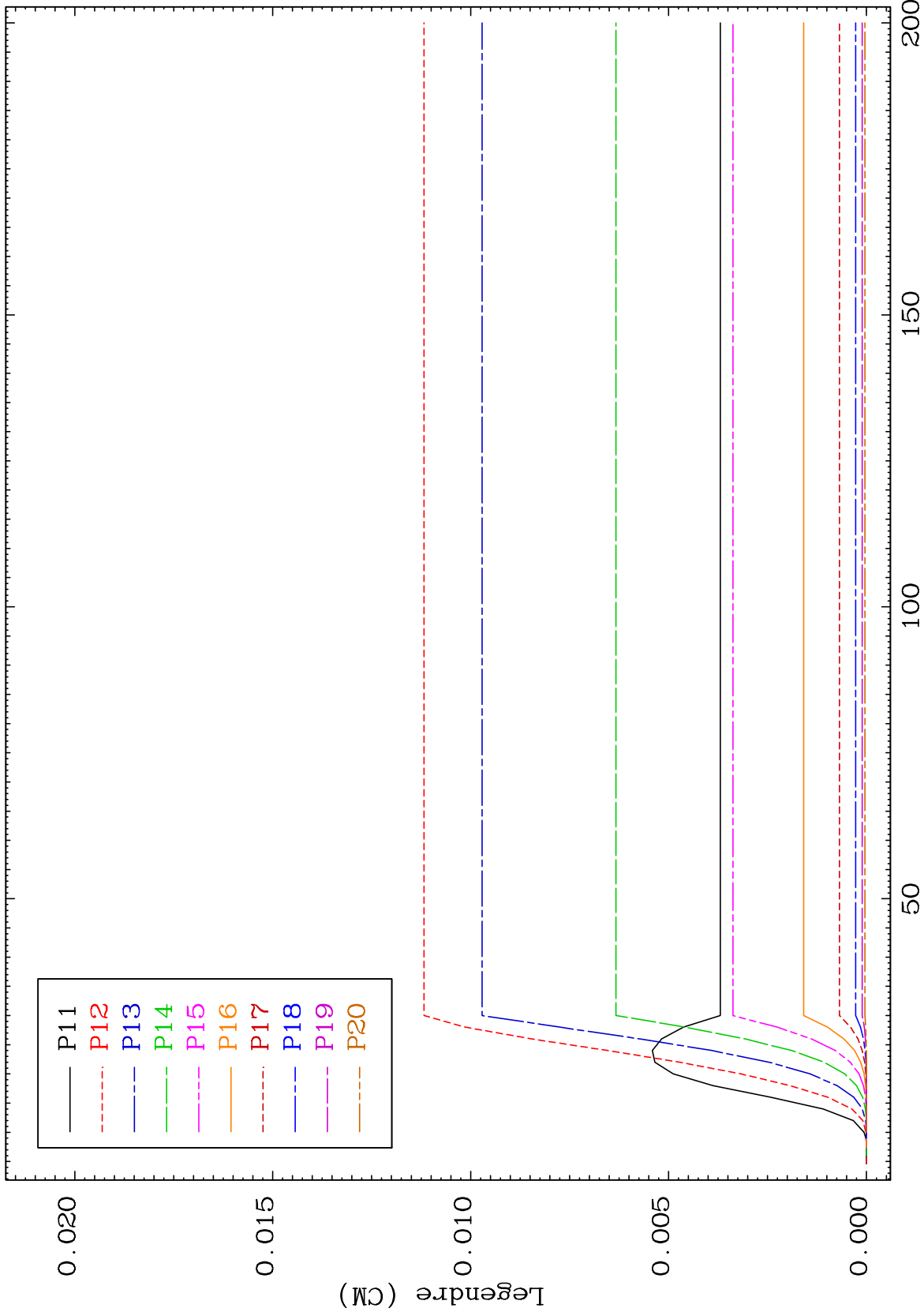
Incident Energy (MeV)

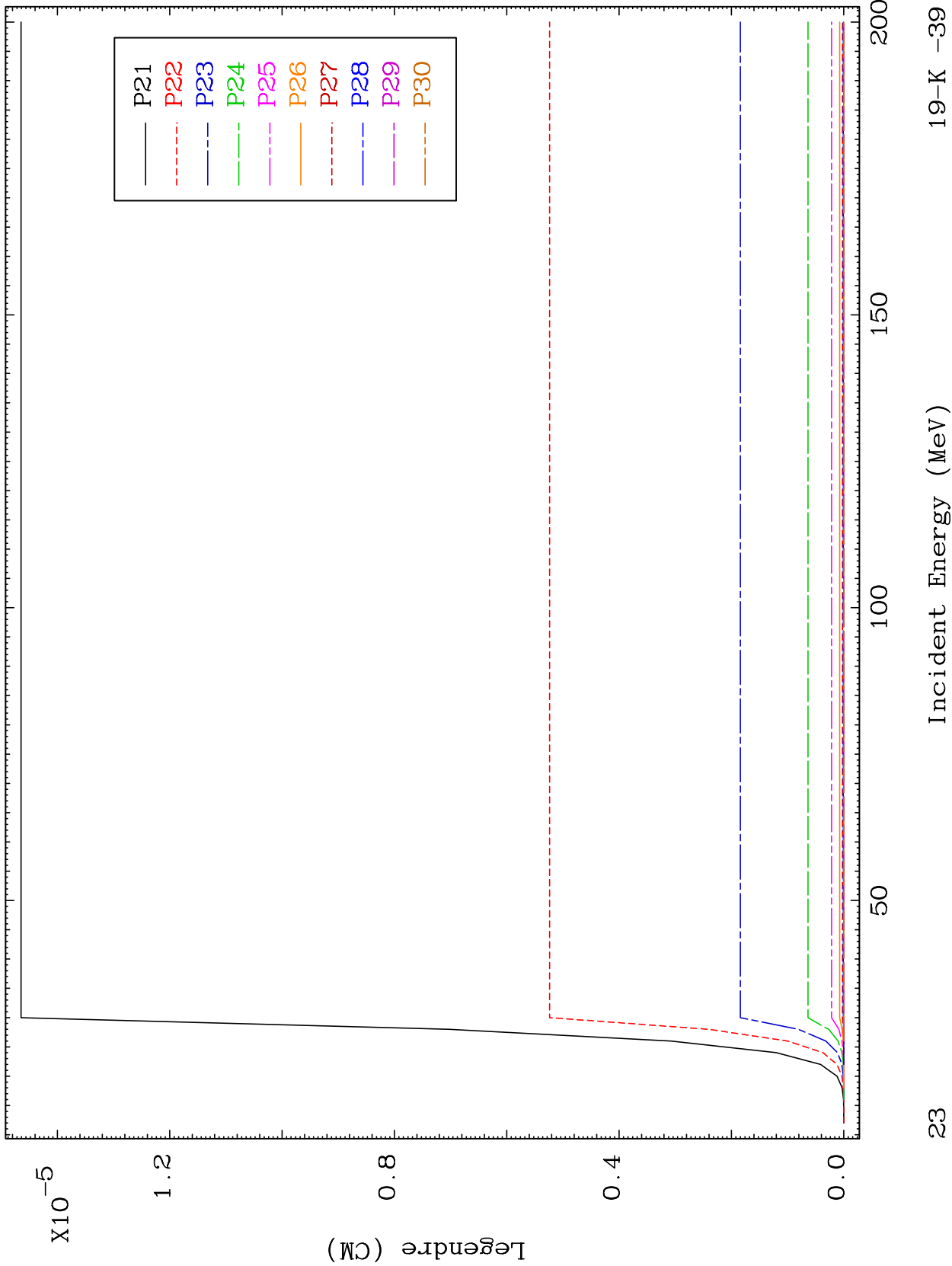
19-K -39

MAT 1925

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

19-K -39

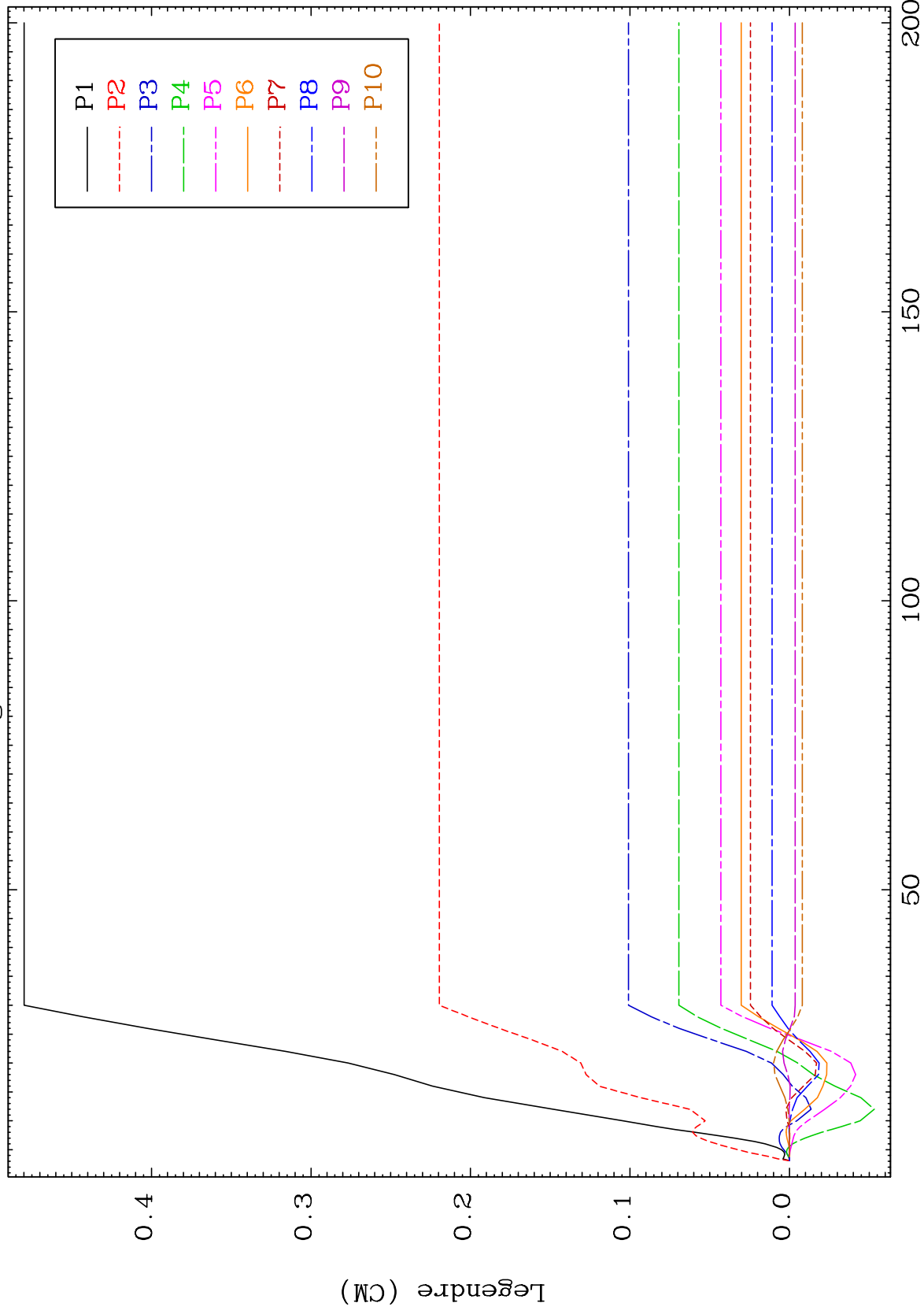




MAT 1925

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

19-K -39



24

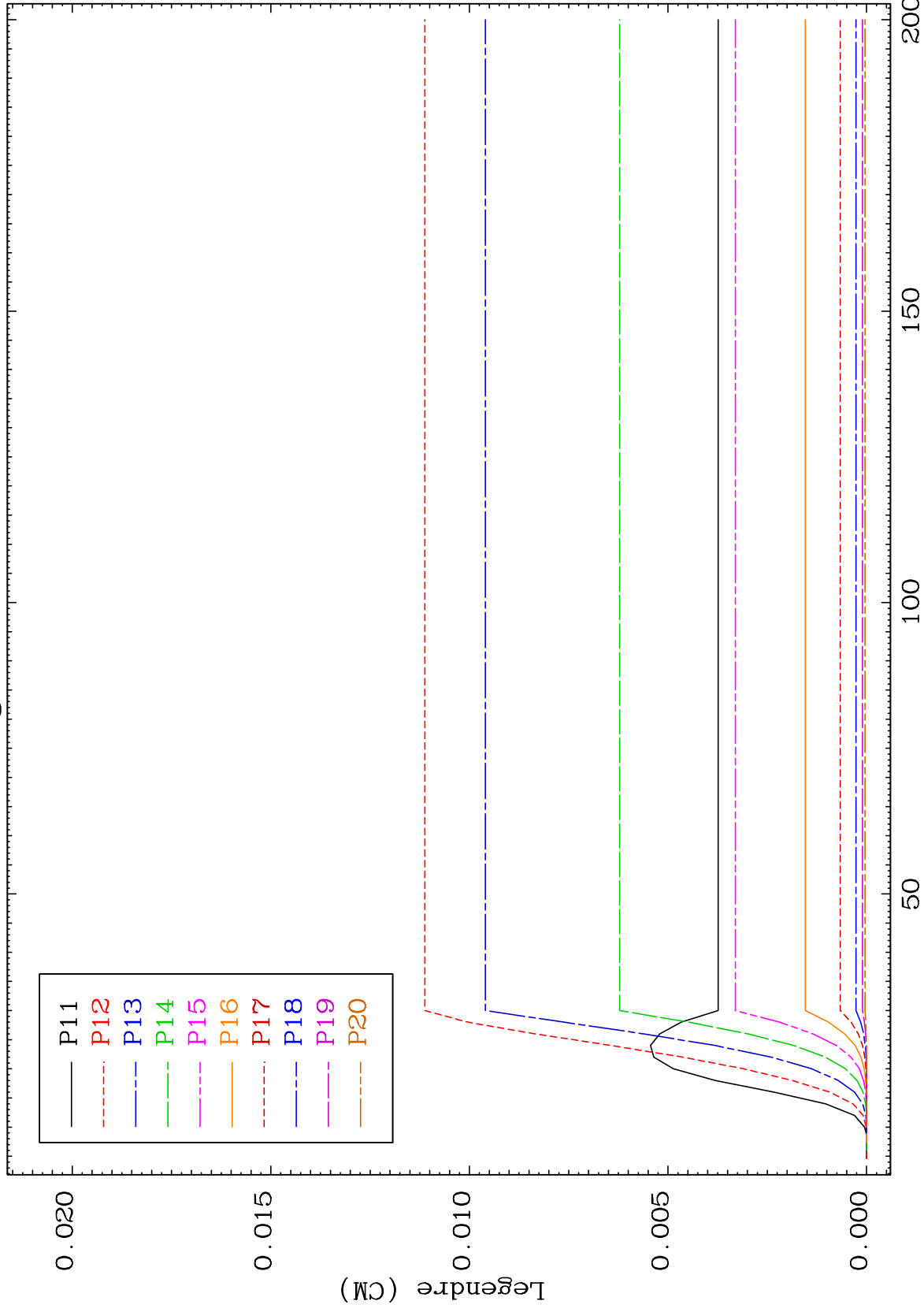
Incident Energy (MeV)

19-K -39

MAT 1925

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

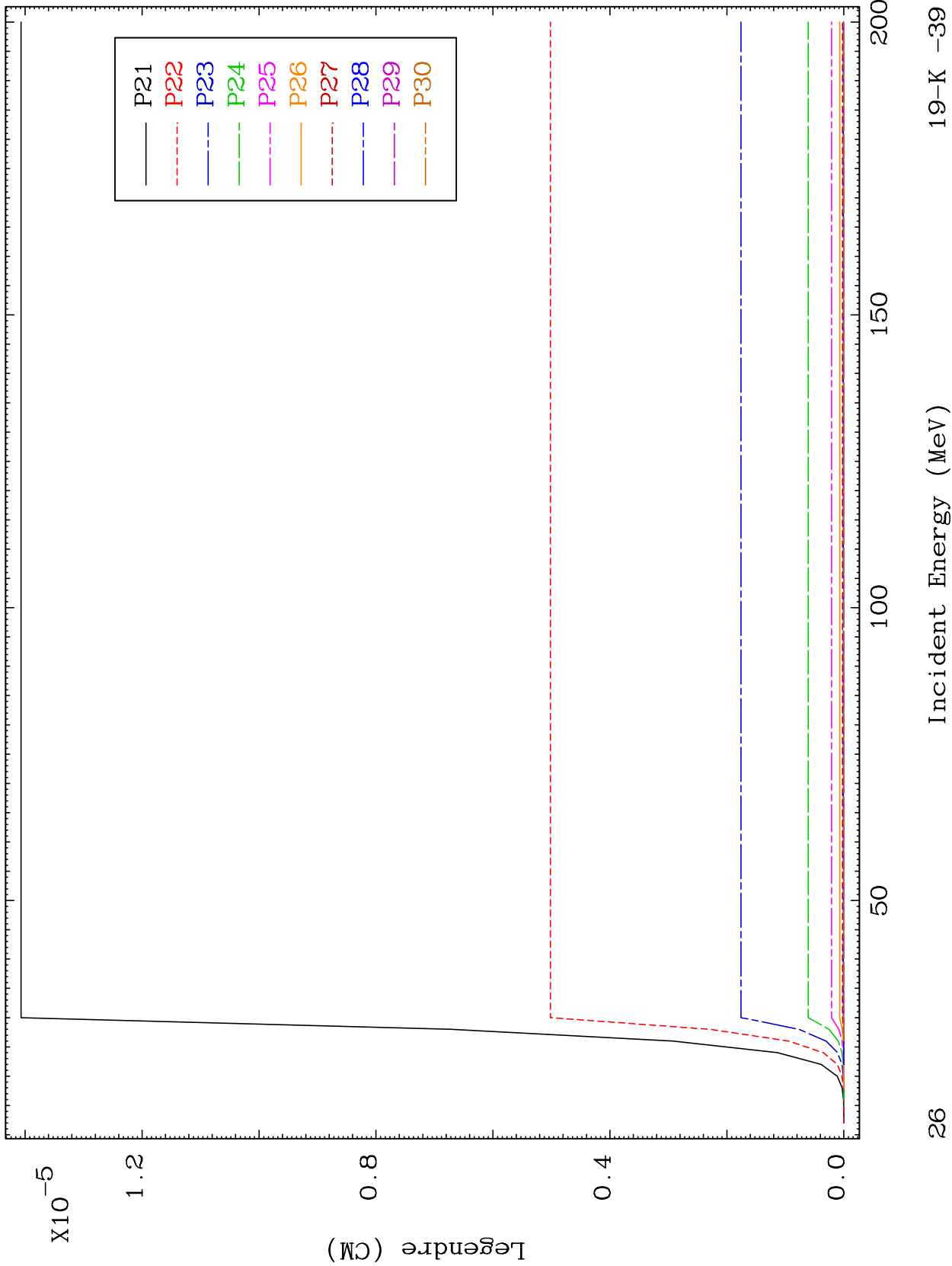
19-K -39



25

Incident Energy (MeV)

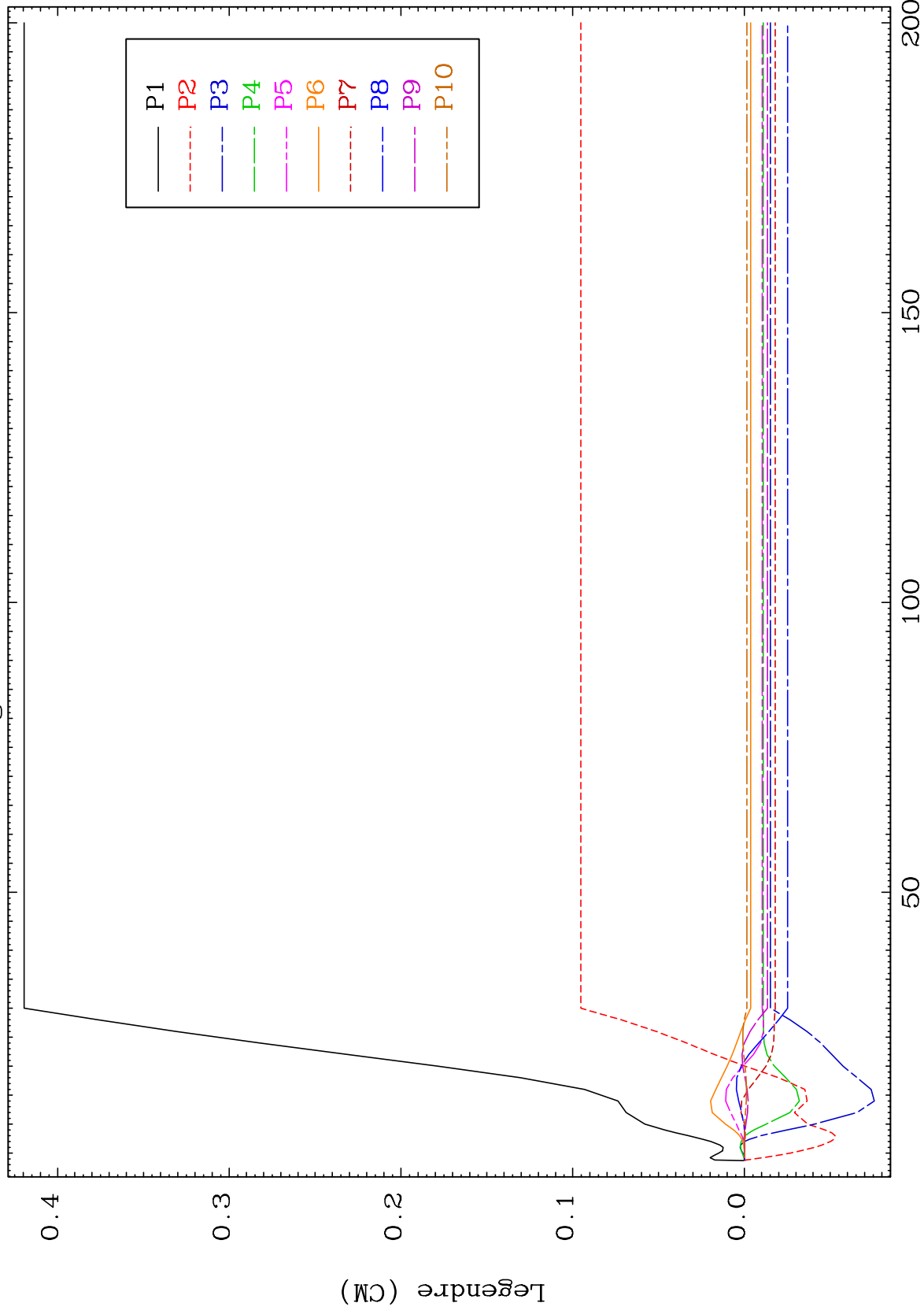
19-K -39



MAT 1925

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

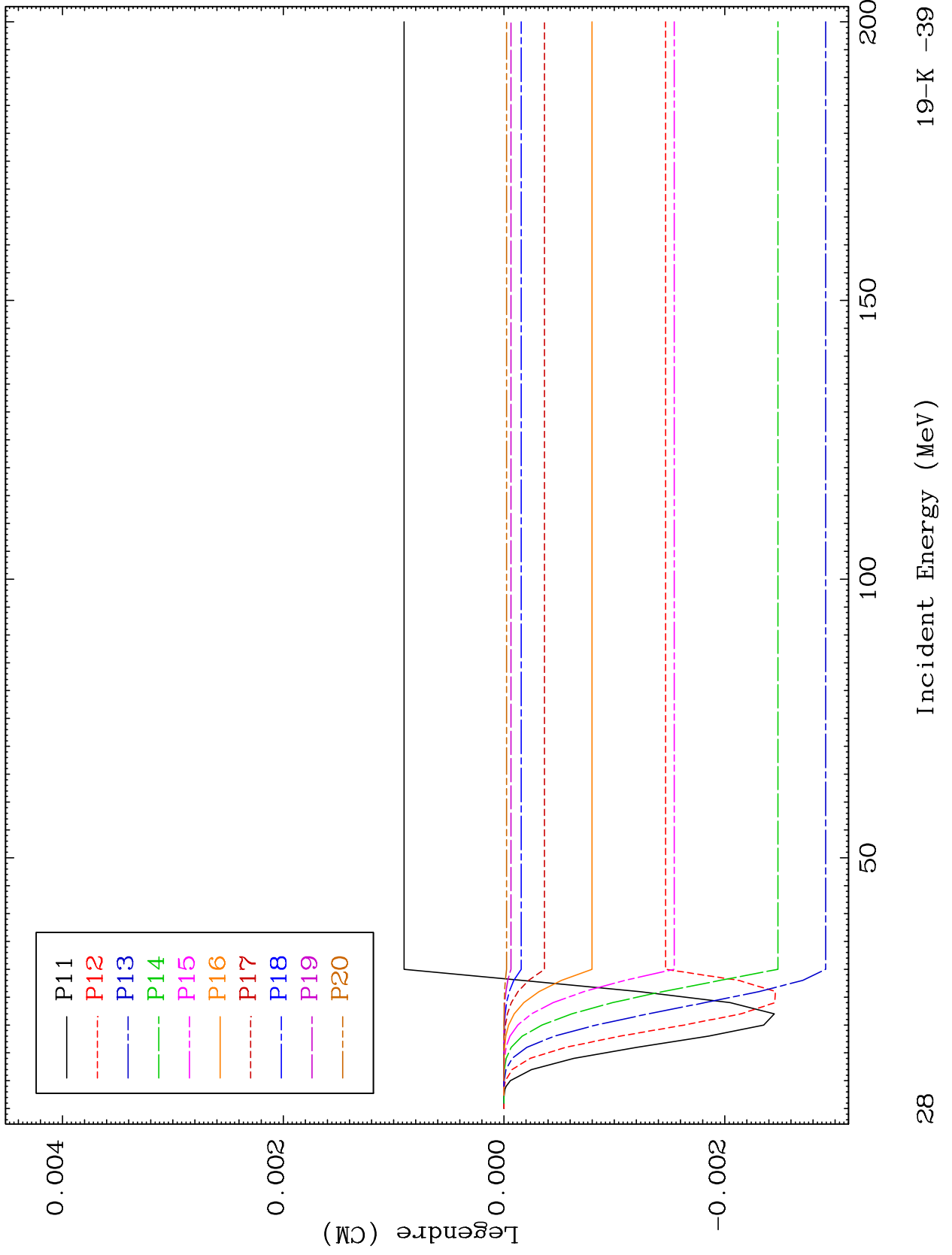
19-K -39

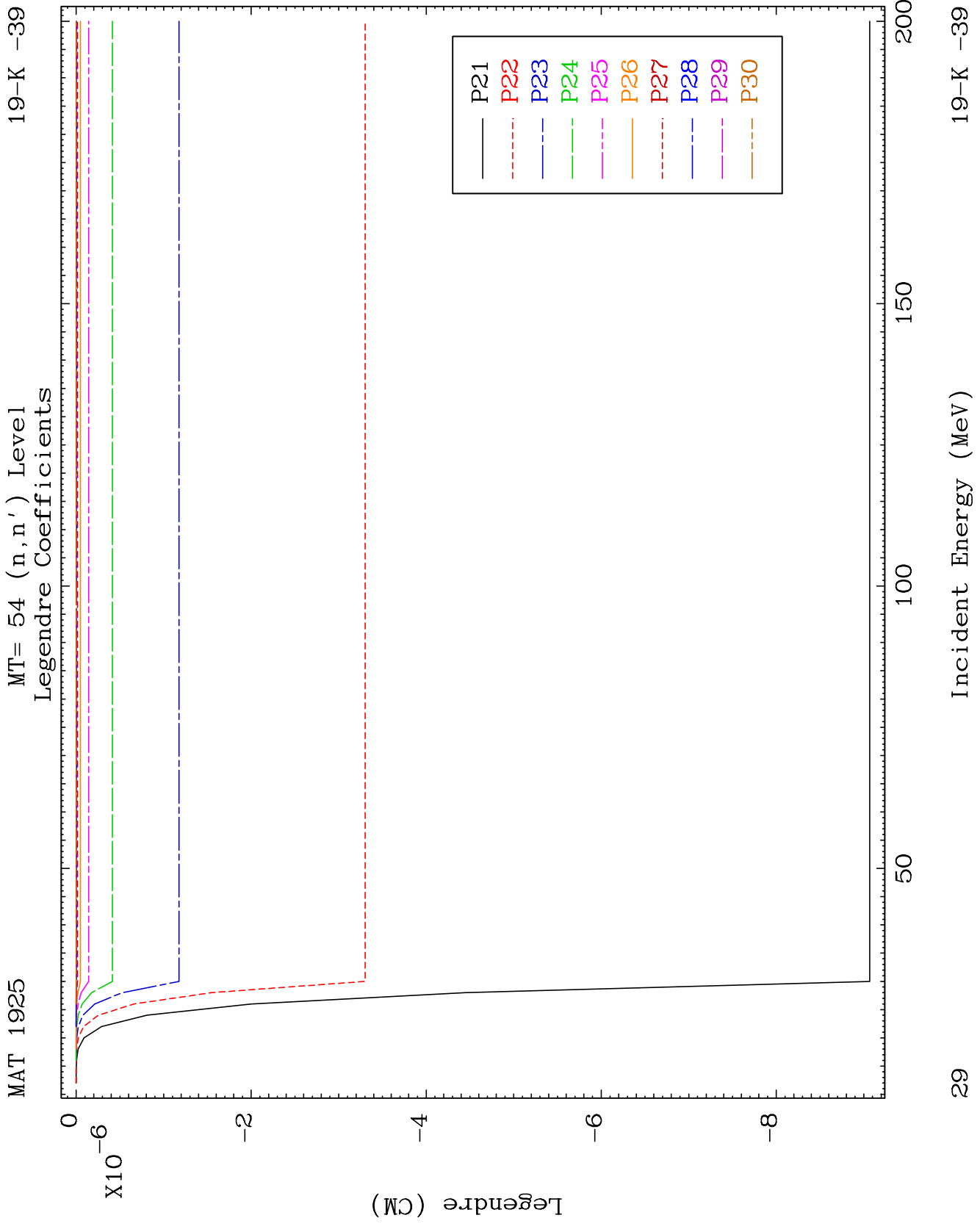


27

Incident Energy (MeV)

19-K -39

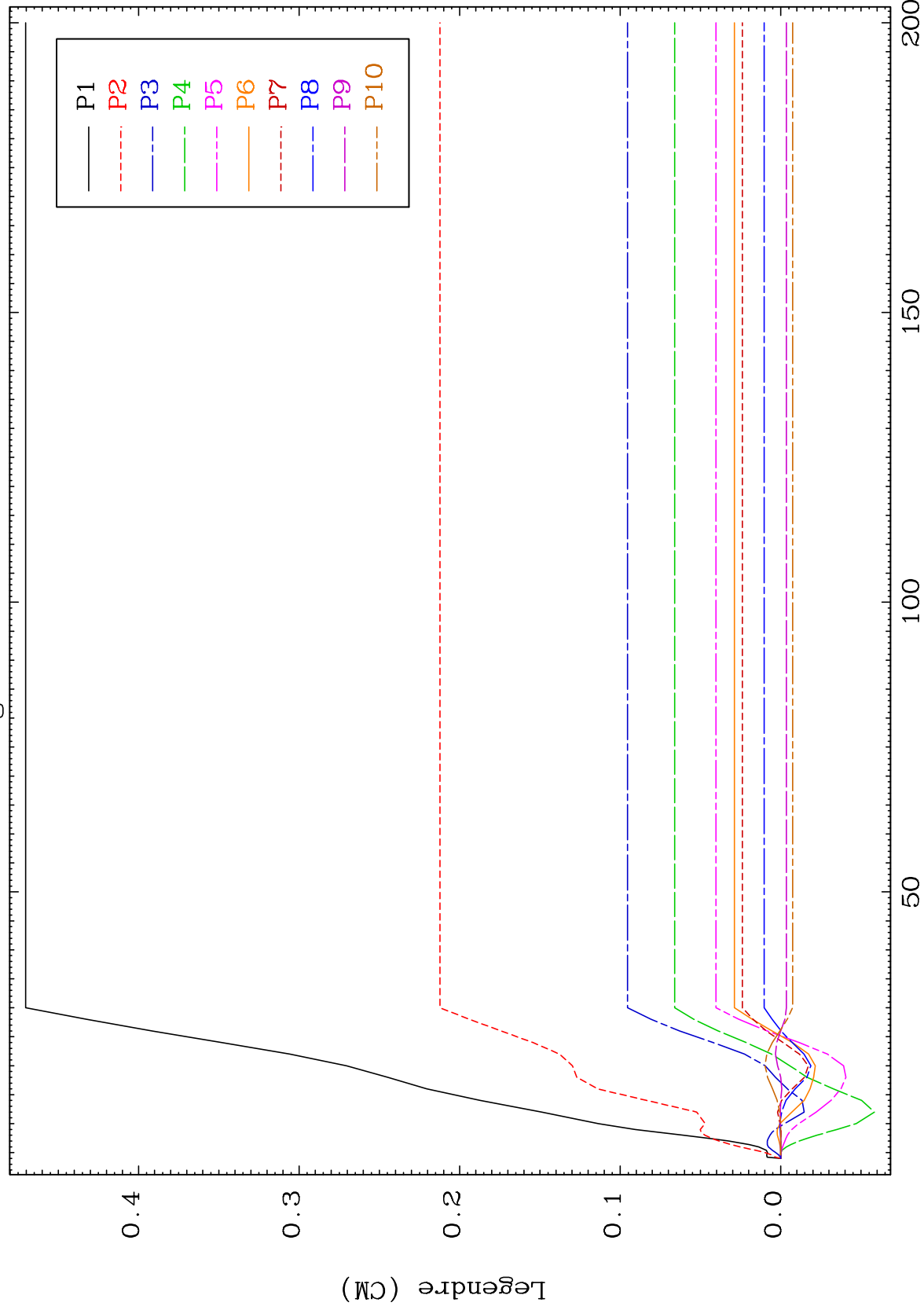




MAT 1925

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

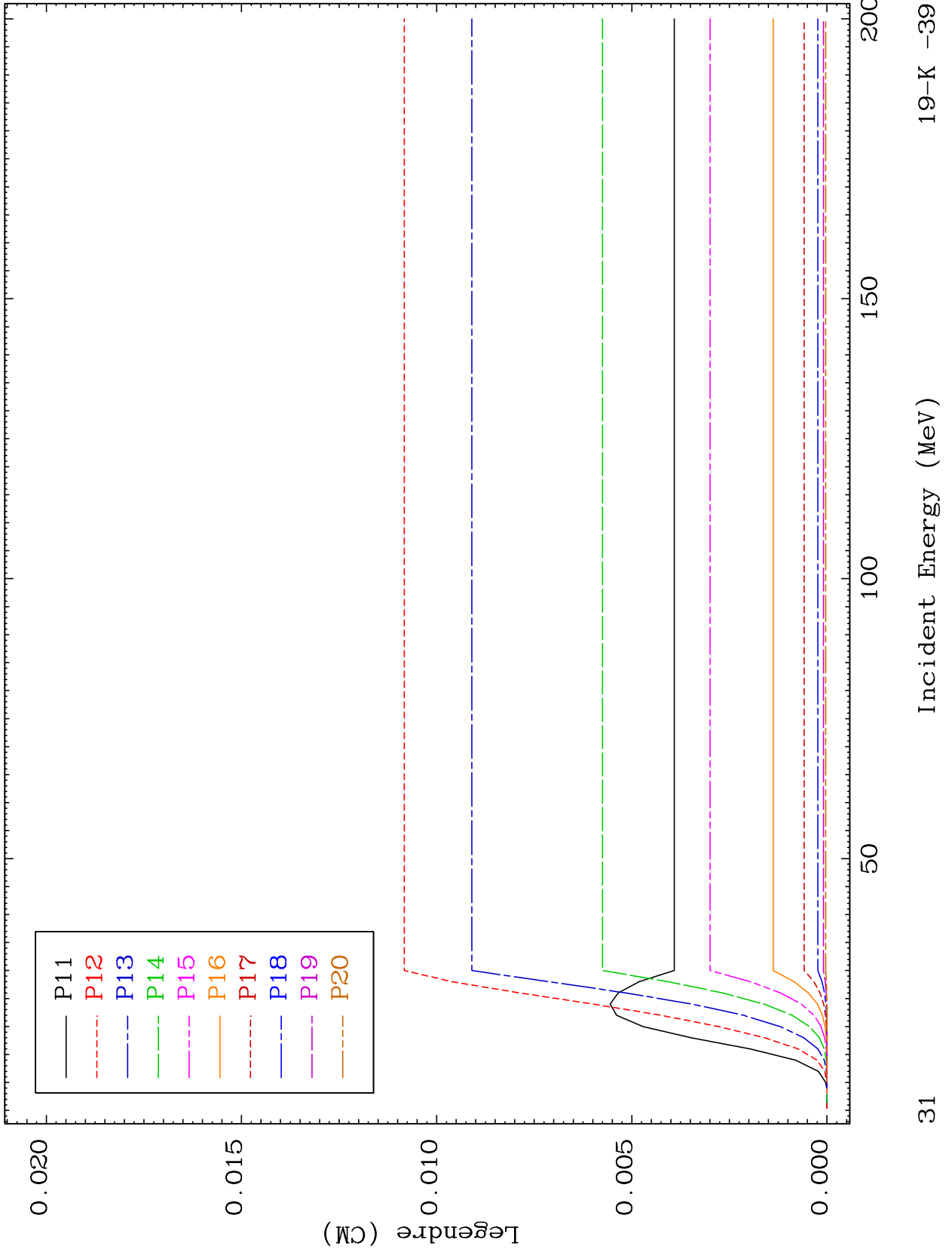
19-K -39

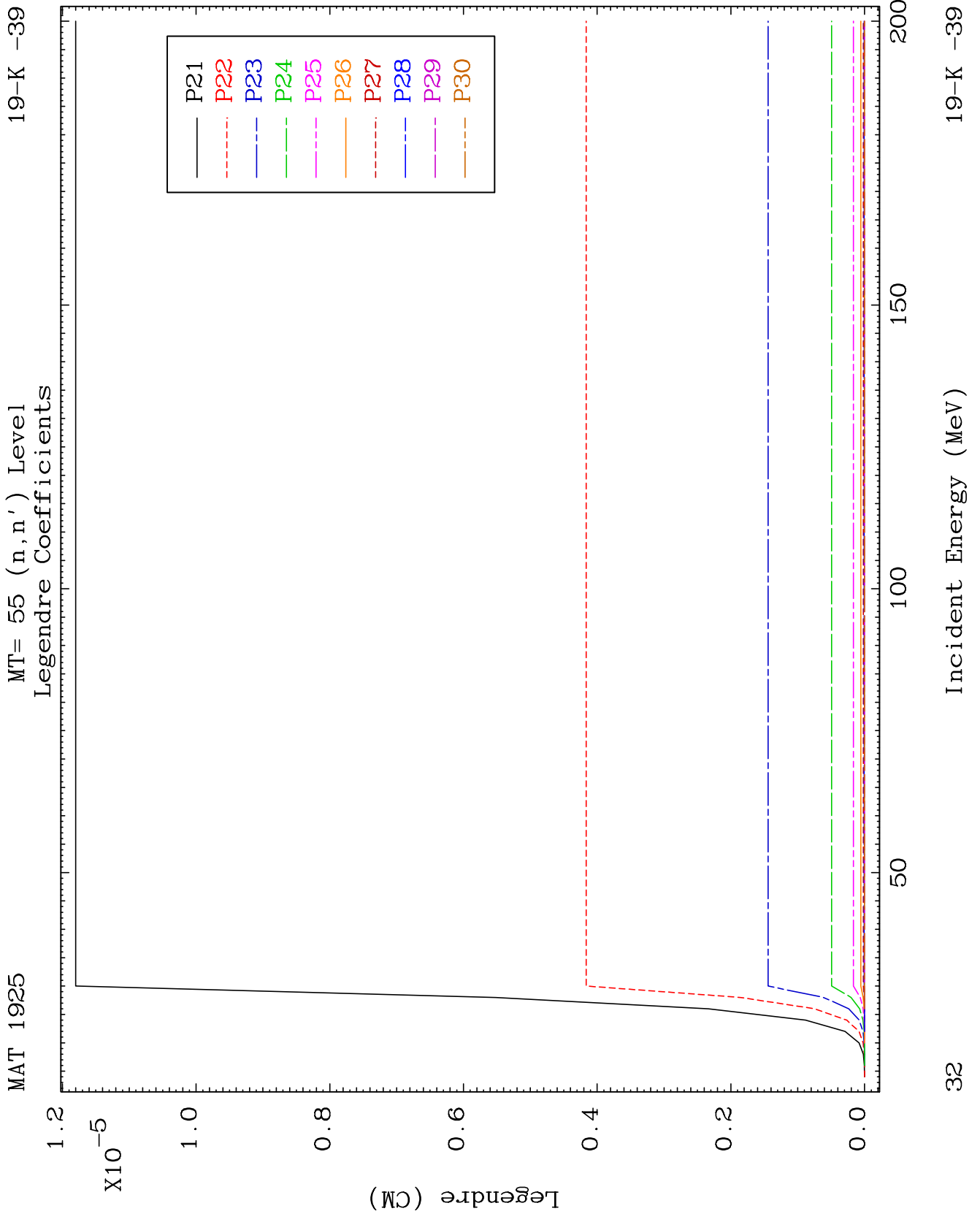


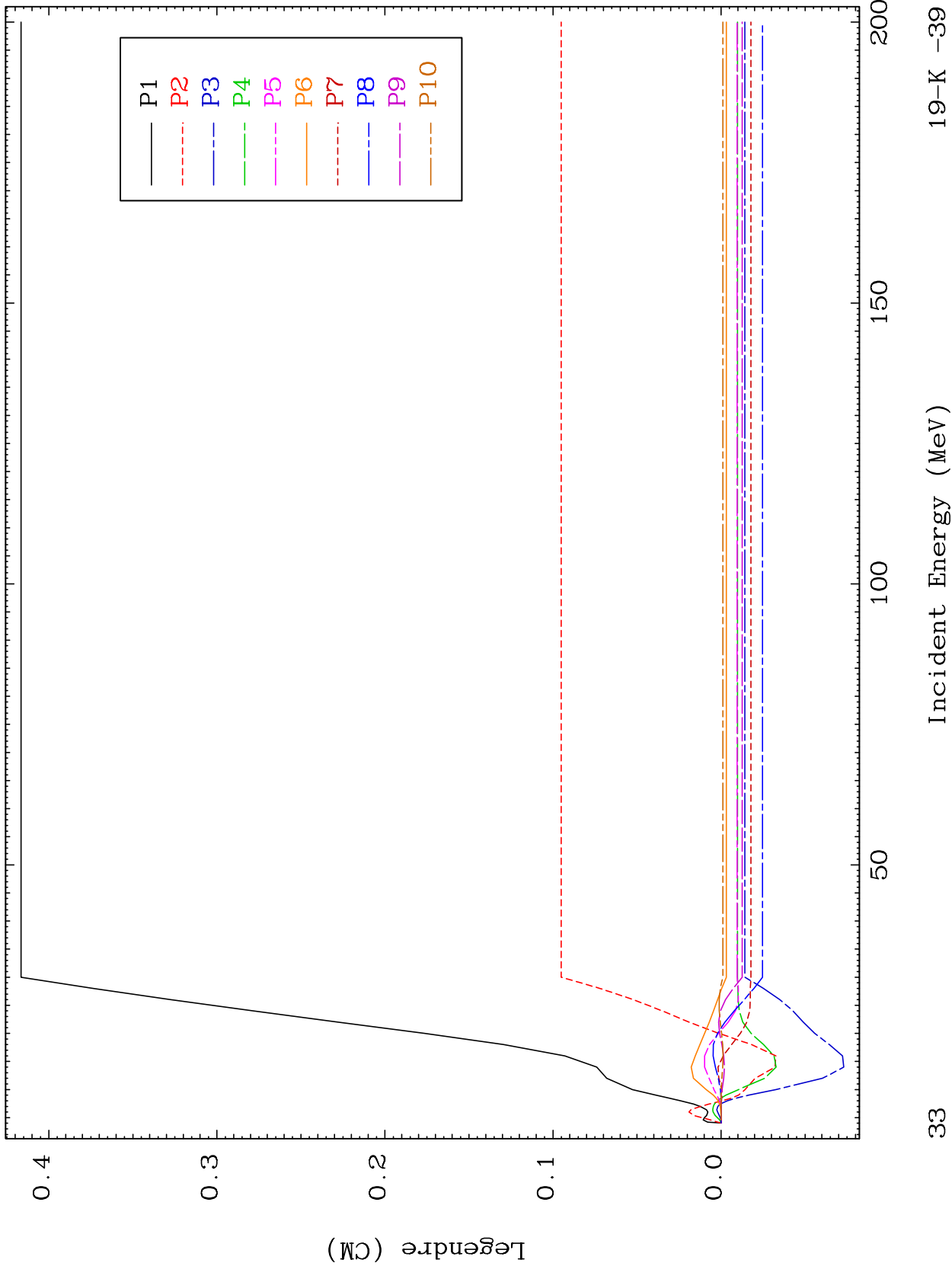
30

Incident Energy (MeV)

19-K -39



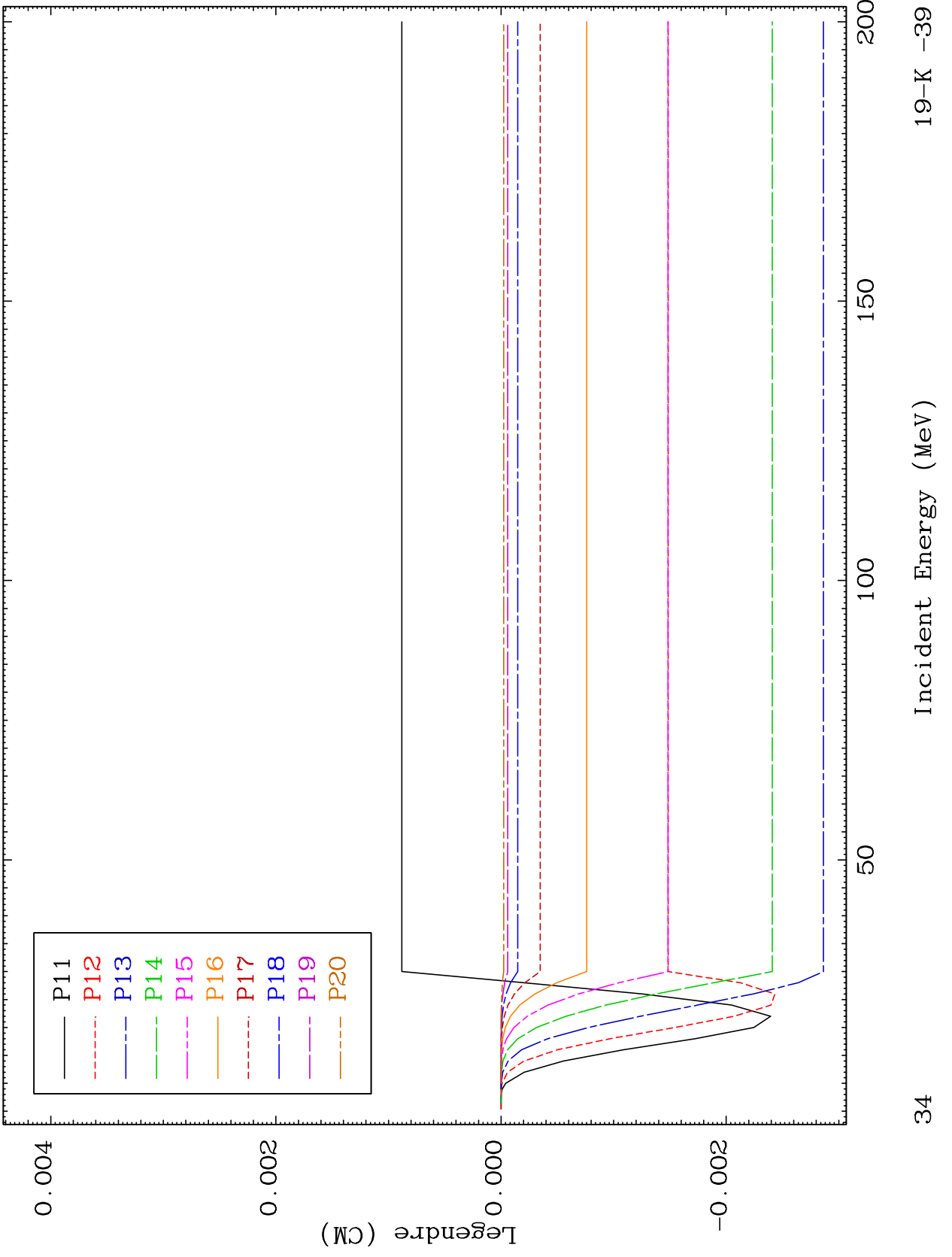




MAT 1925

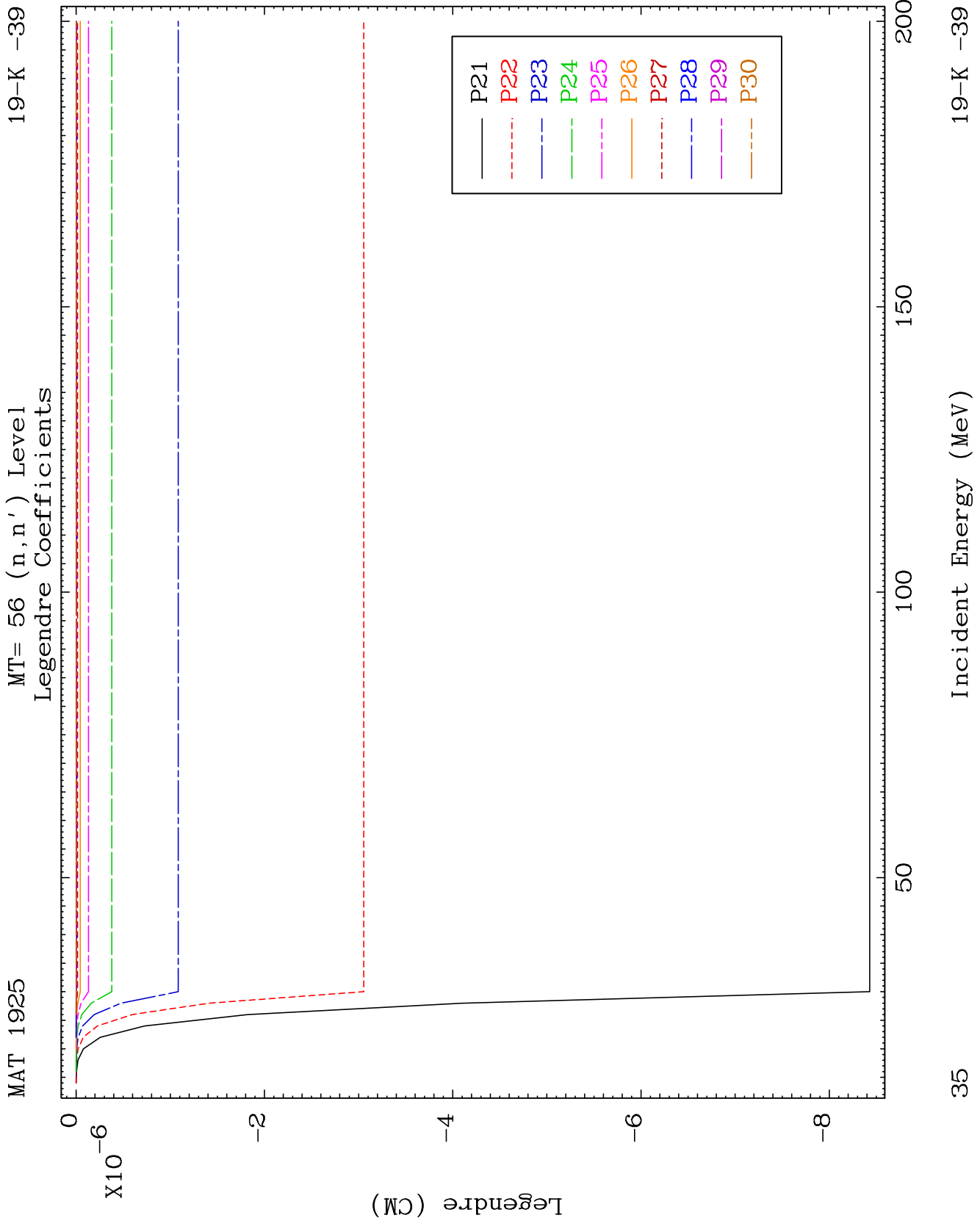
MT= 56 (n,n') Level
Legendre Coefficients

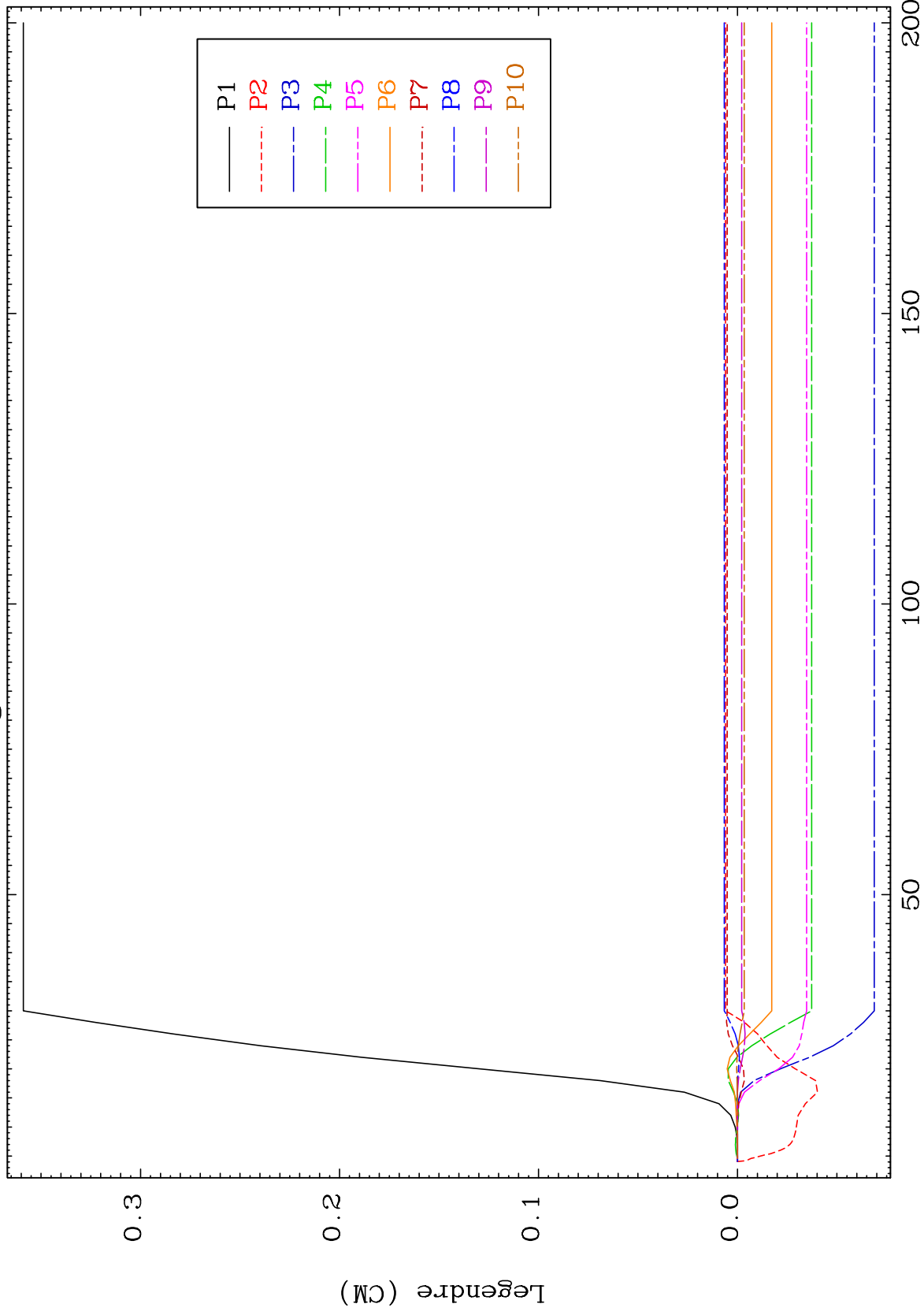
19-K -39



34

19-K -39



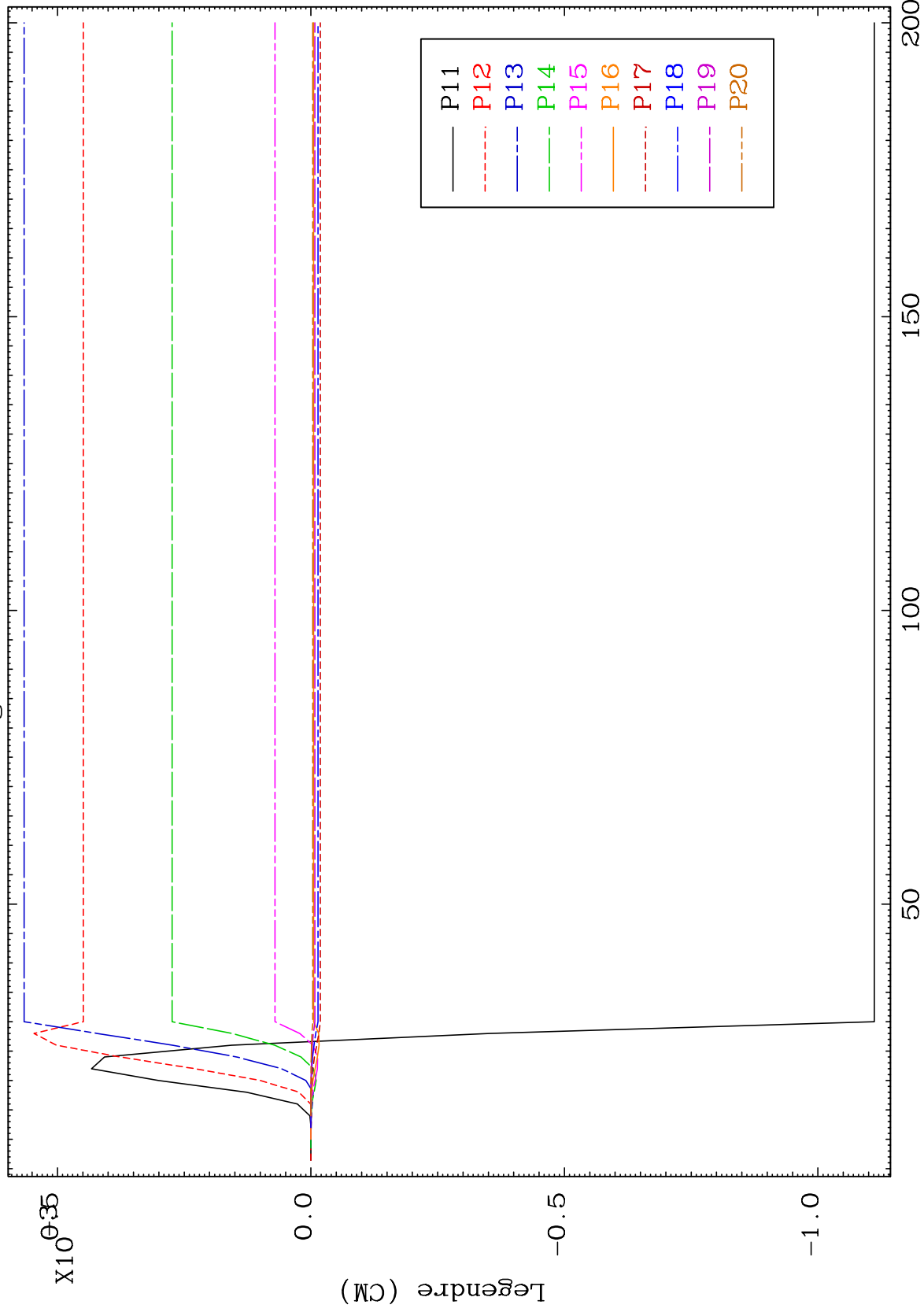


MAT 1925

MT= 57 (n,n') Level

Legendre Coefficients

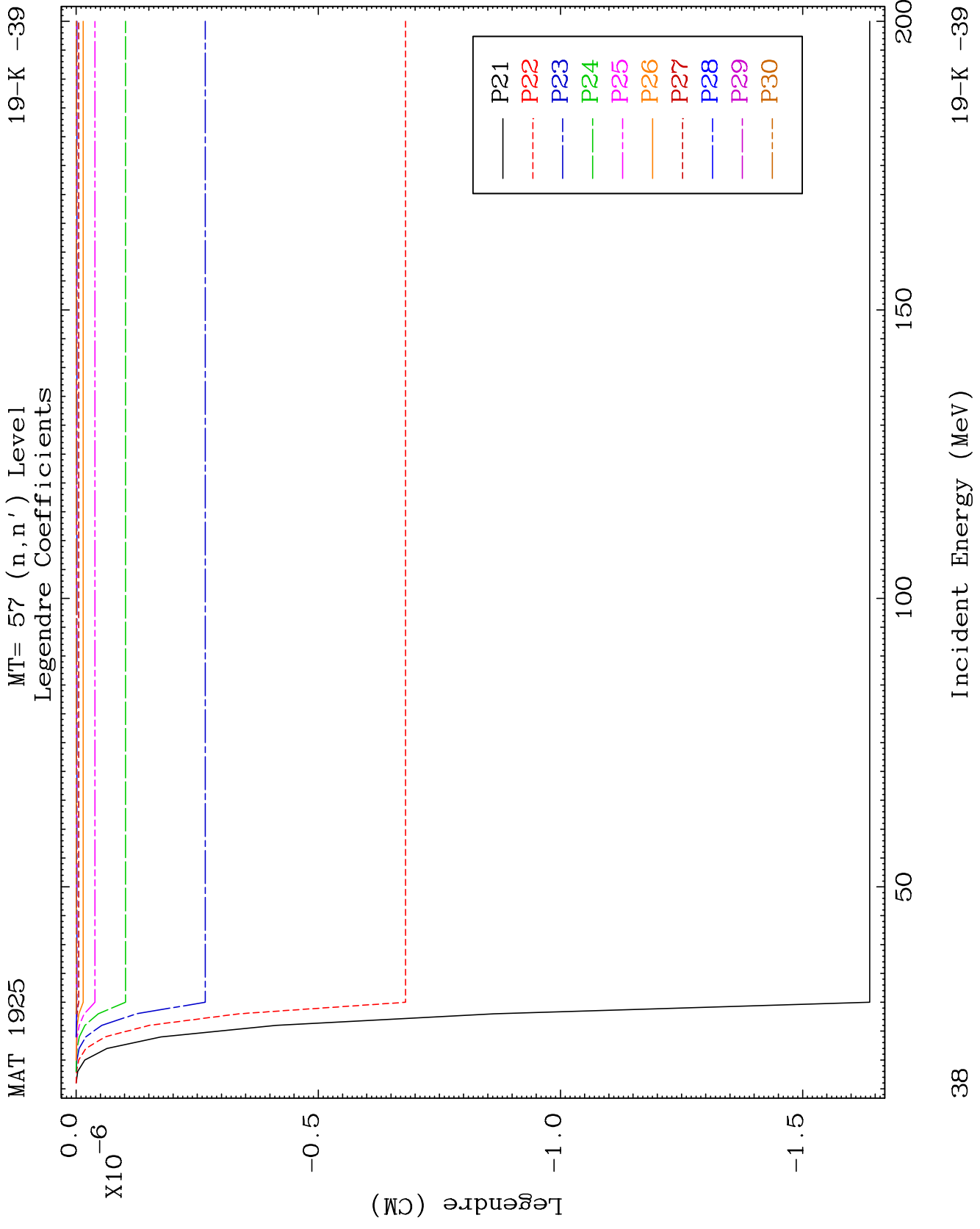
19-K -39



37

Incident Energy (MeV)

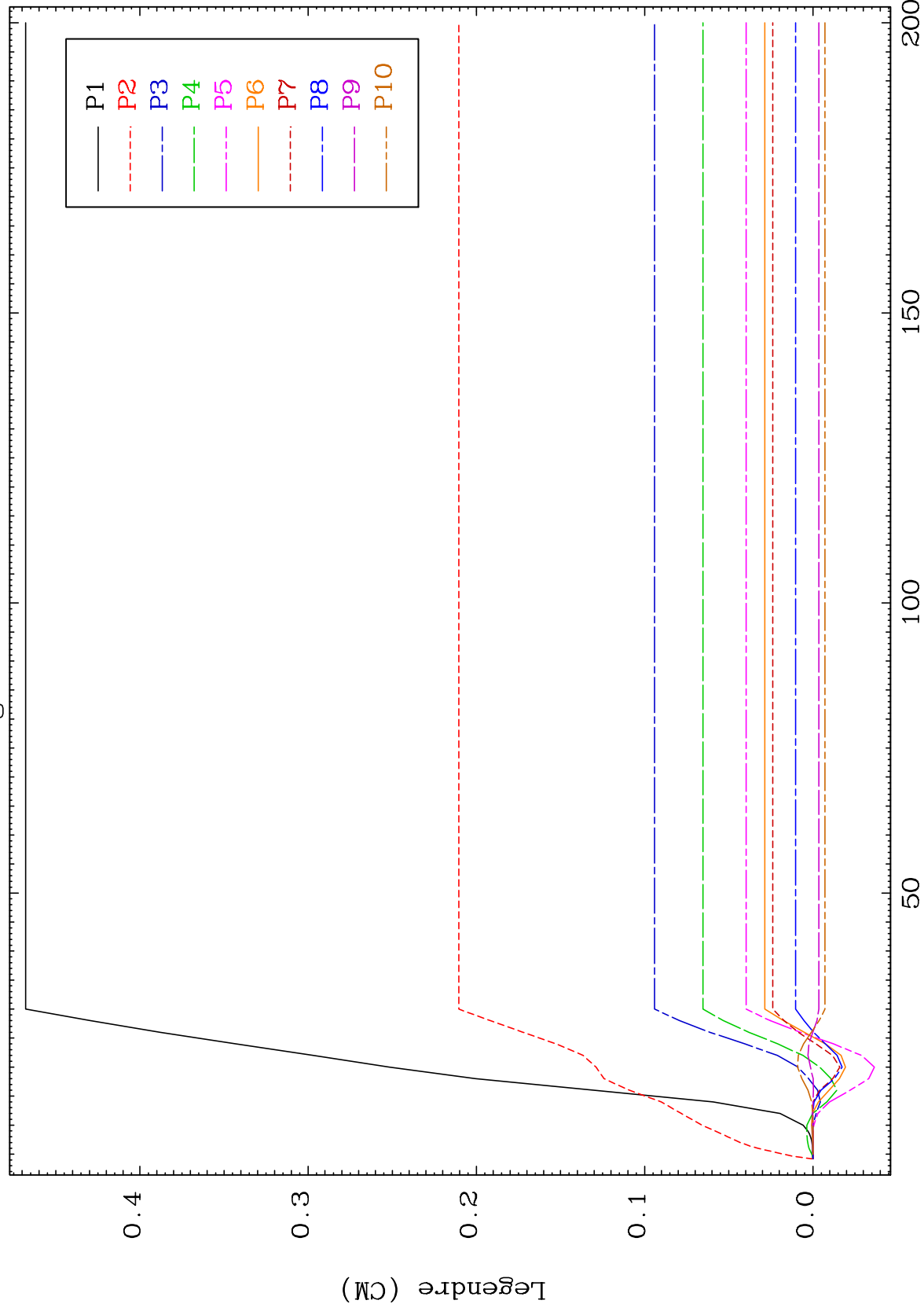
19-K -39



MAT 1925

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

19-K -39



39

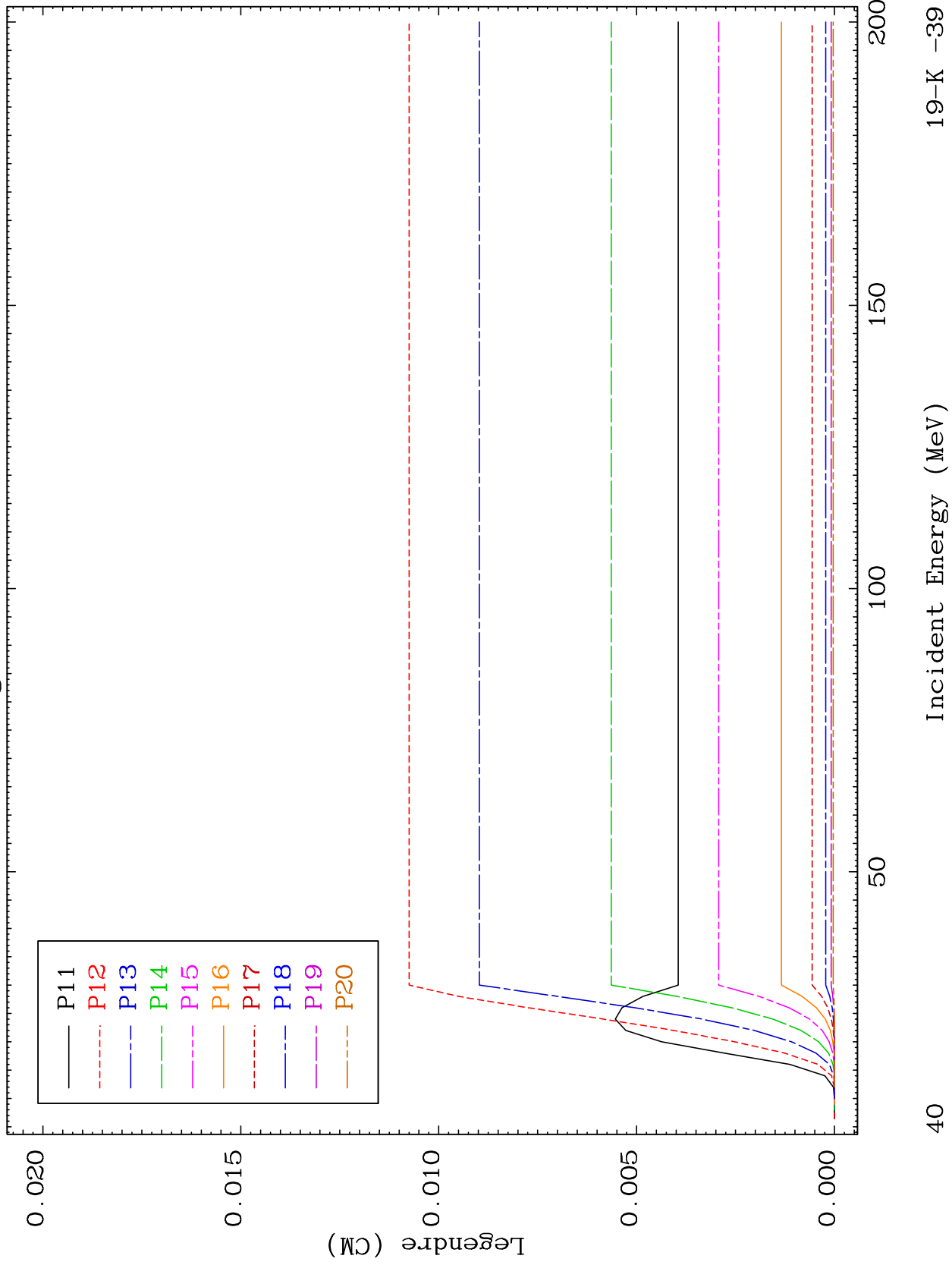
Incident Energy (MeV)

19-K -39

MAT 1925

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

19-K -39



40

Incident Energy (MeV)

50

100

150

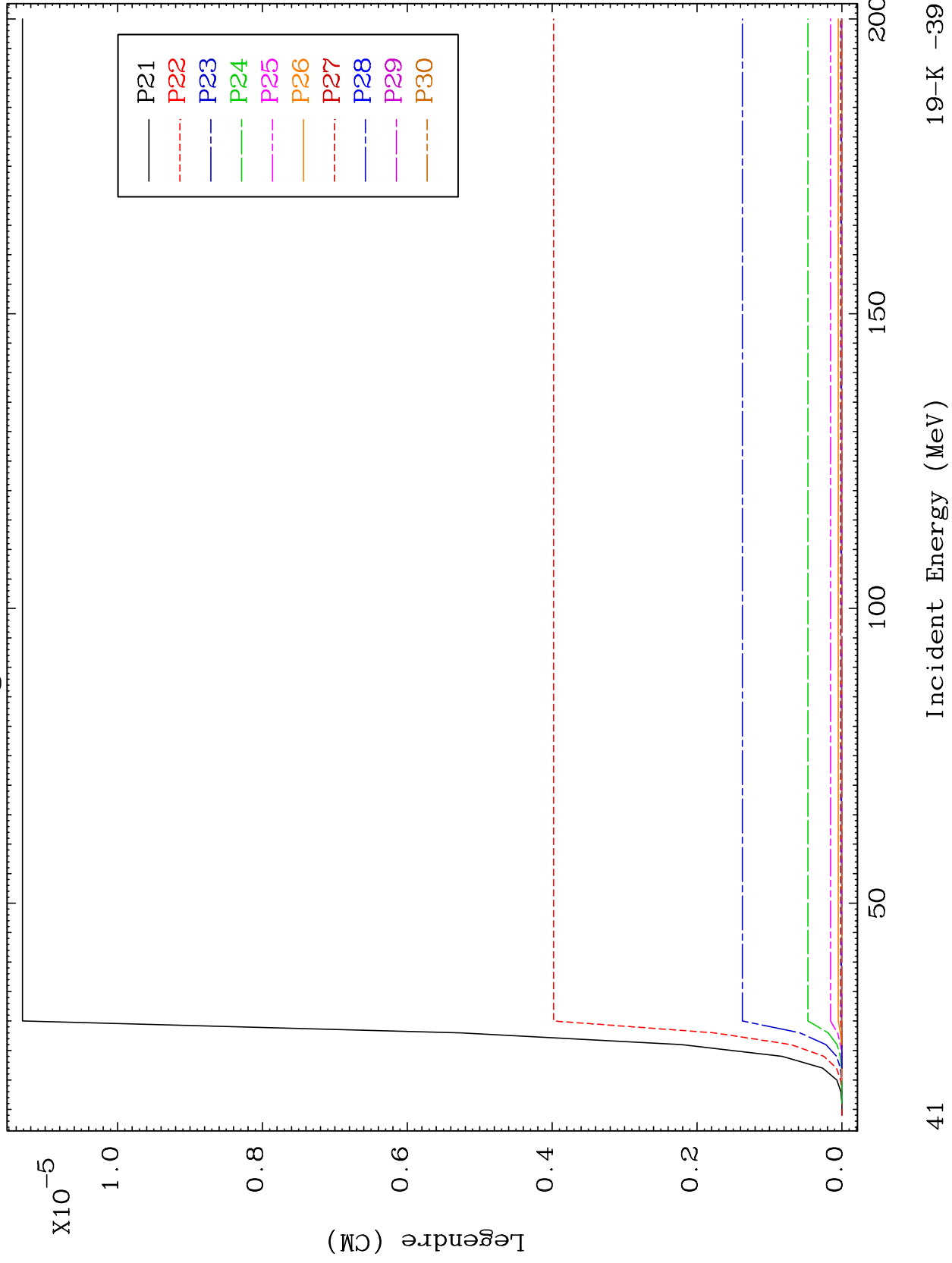
200

19-K -39

MAT 1925

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

19-K -39



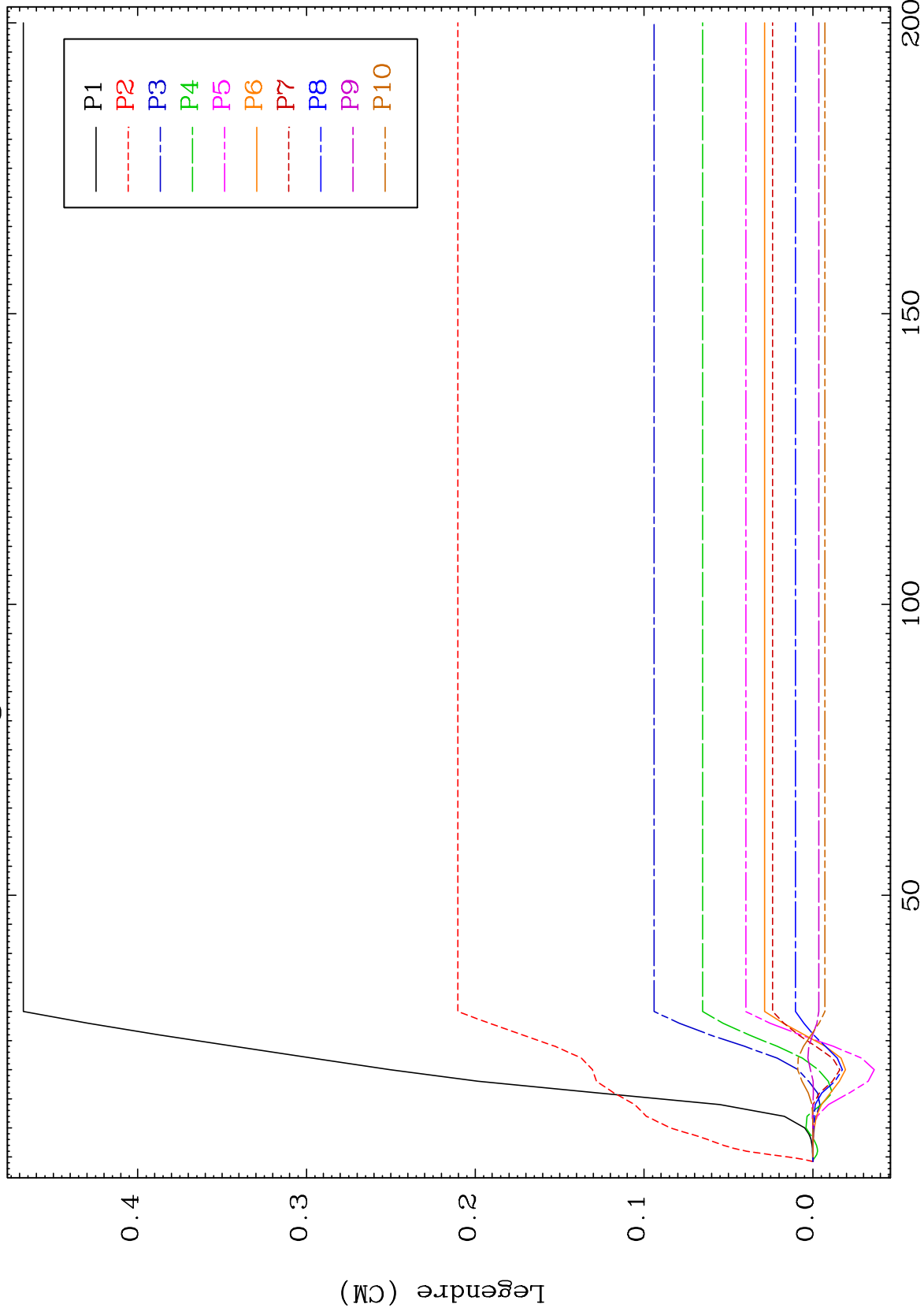
41

19-K -39

MAT 1925

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

19-K -39



42

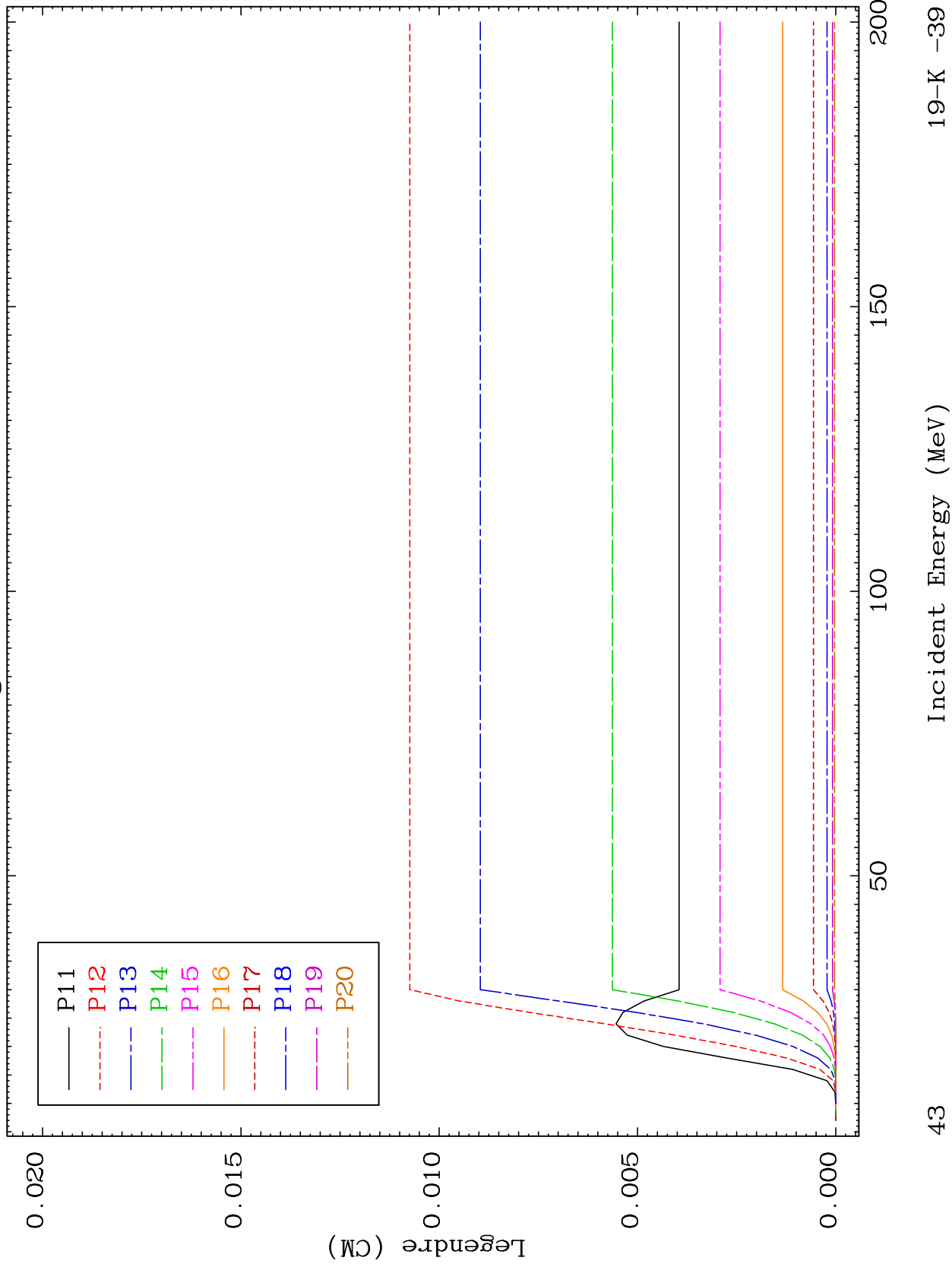
Incident Energy (MeV)

19-K -39

MAT 1925

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

19-K -39



43

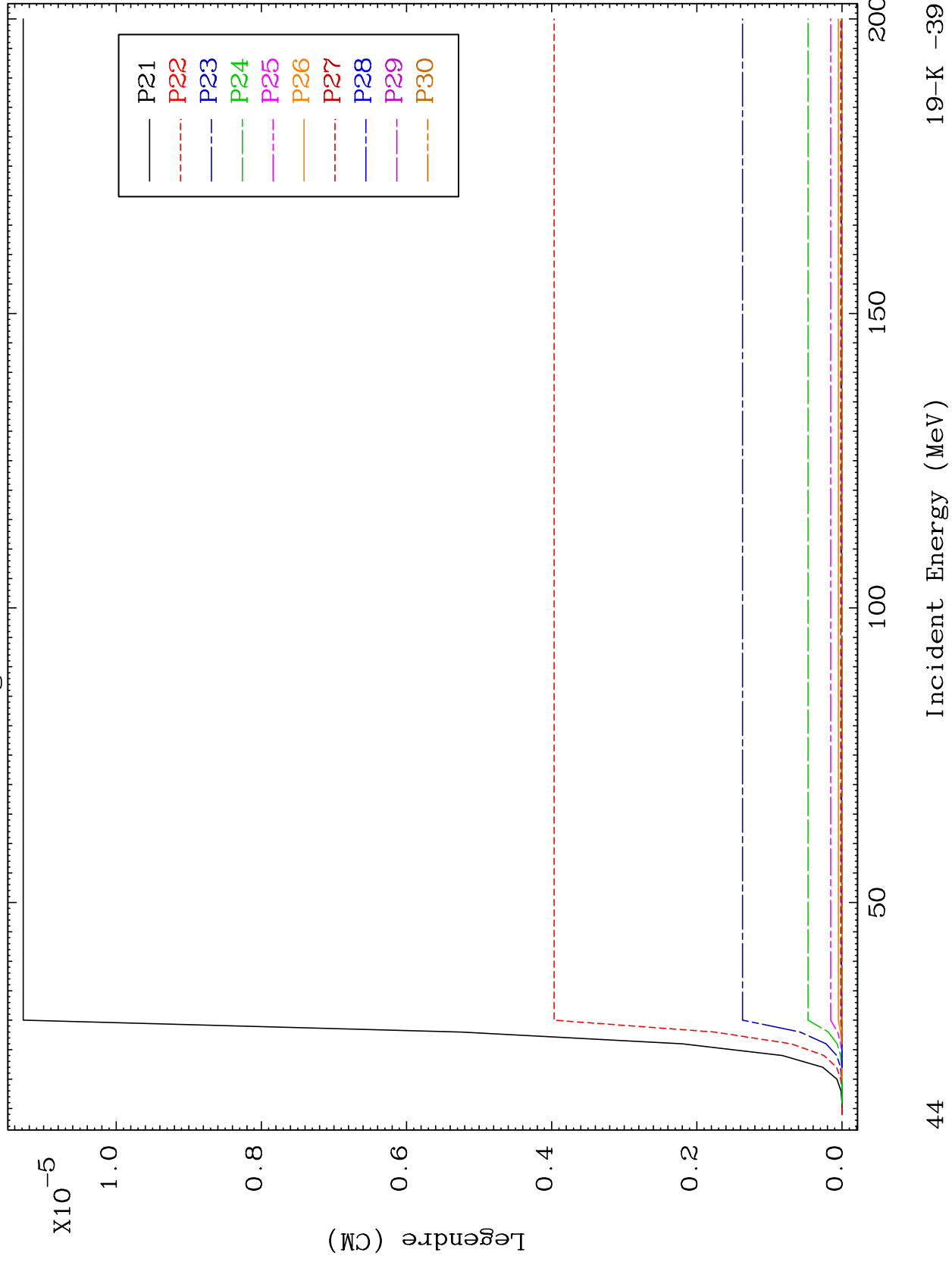
Incident Energy (MeV)

19-K -39

MAT 1925

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

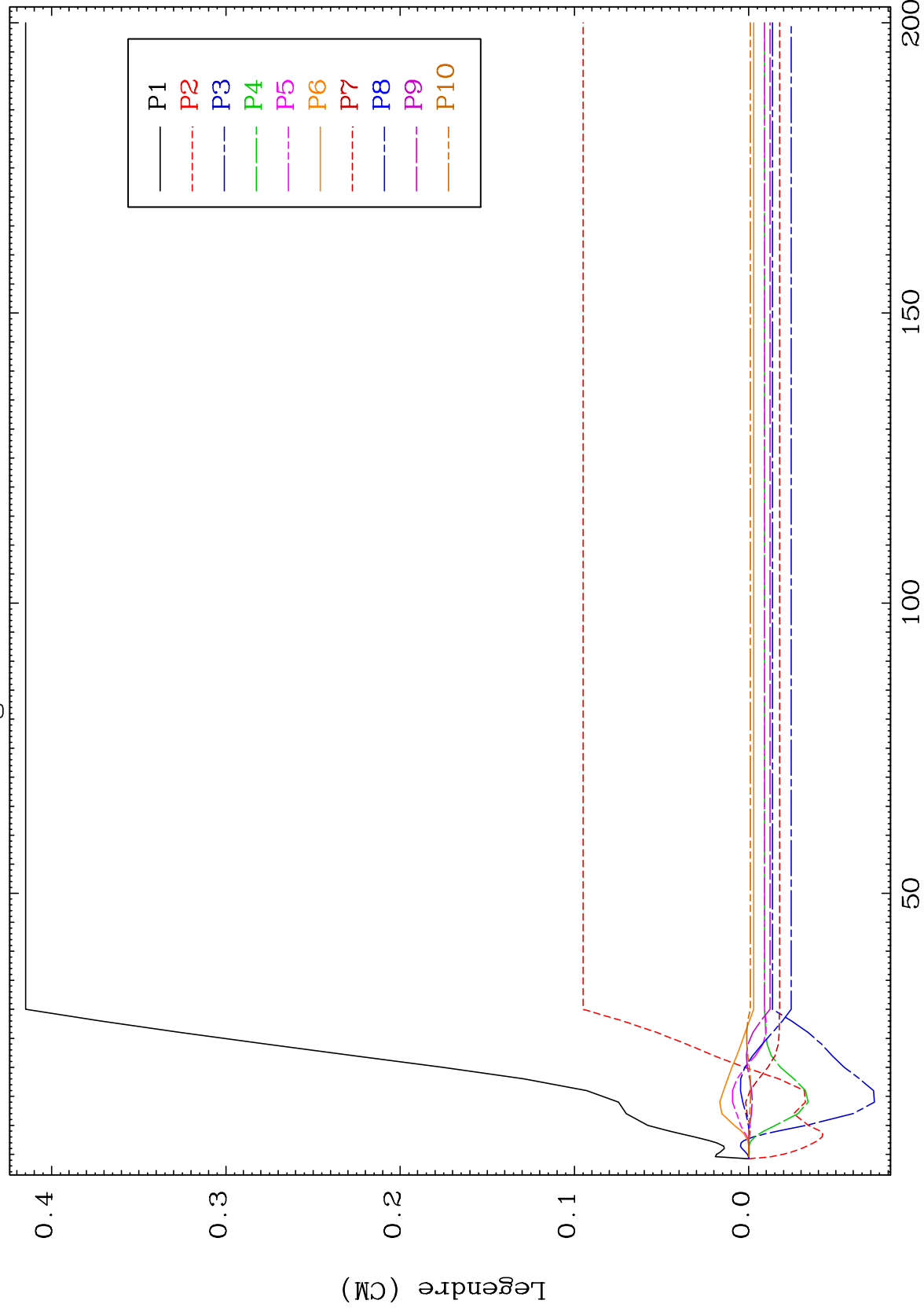
19-K -39



MAT 1925

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

19-K -39



45

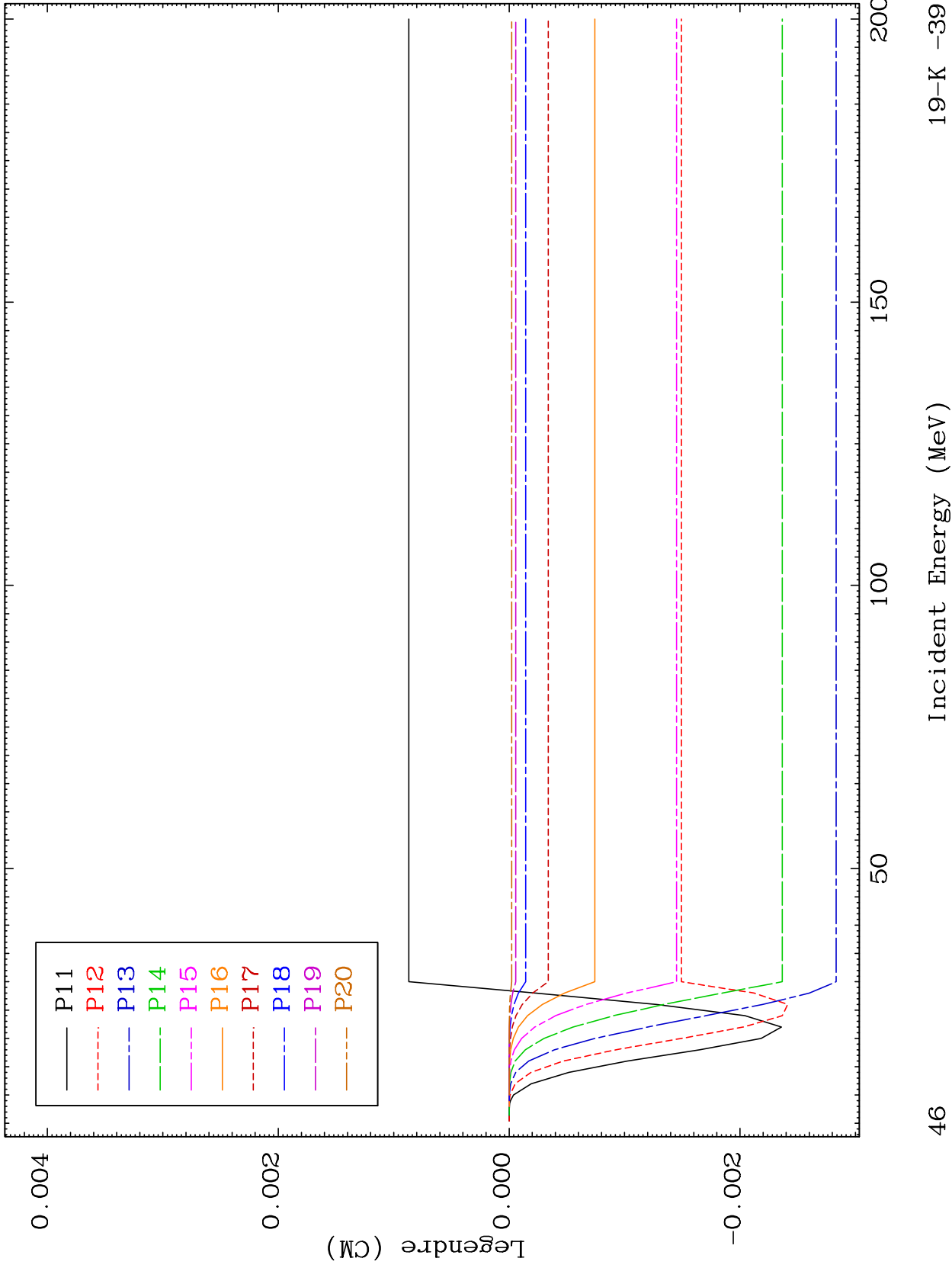
Incident Energy (MeV)

19-K -39

MAT 1925

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

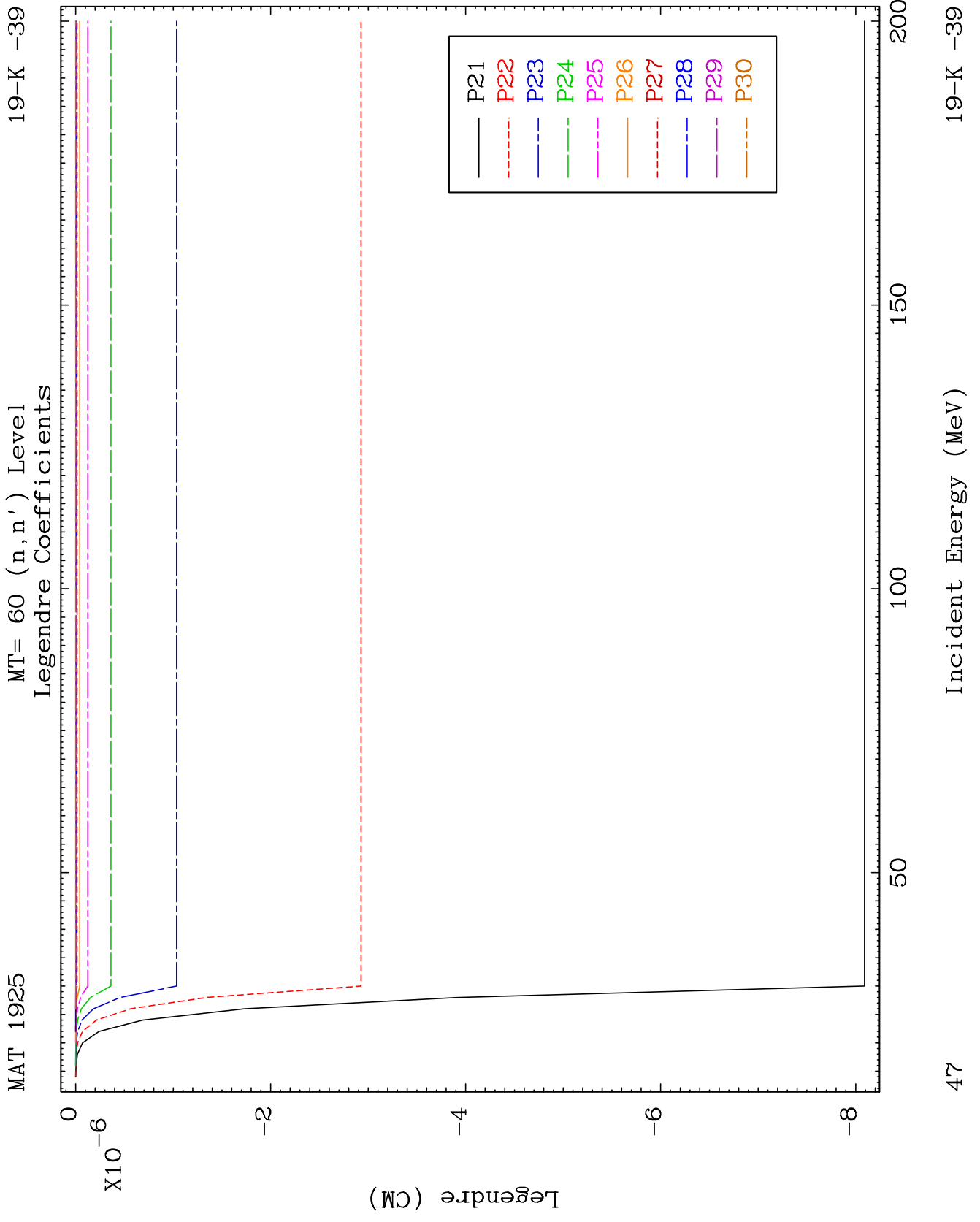
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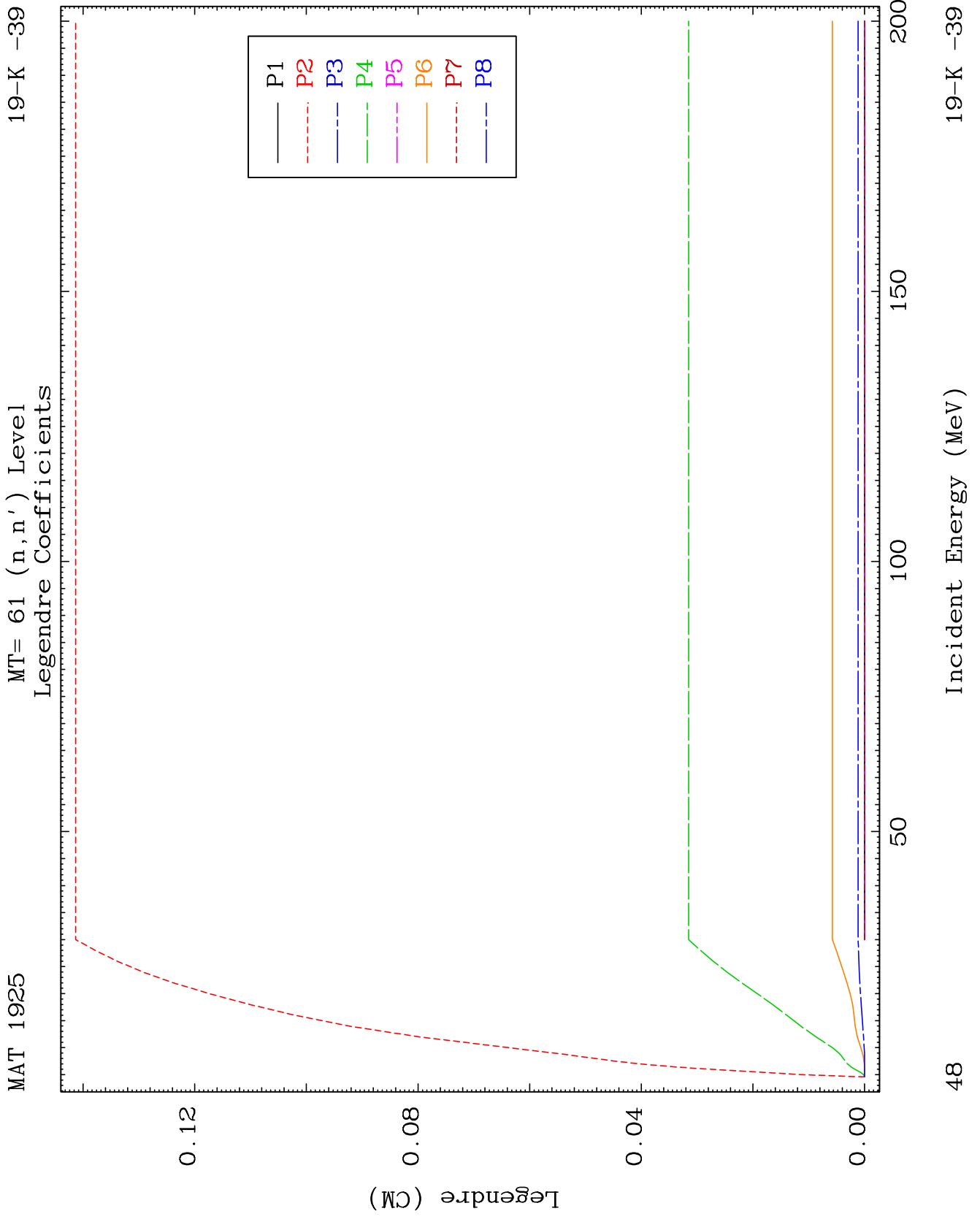


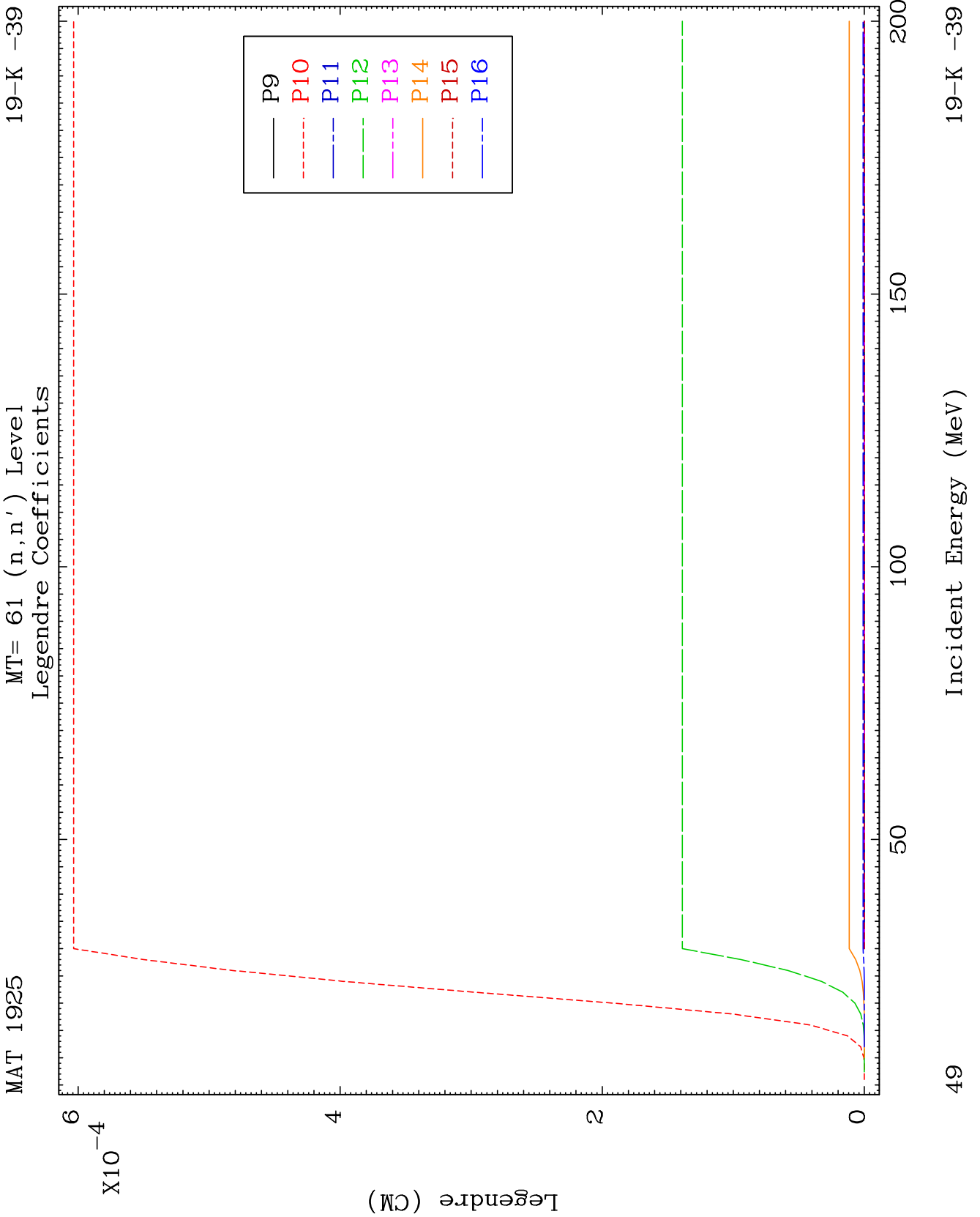
46

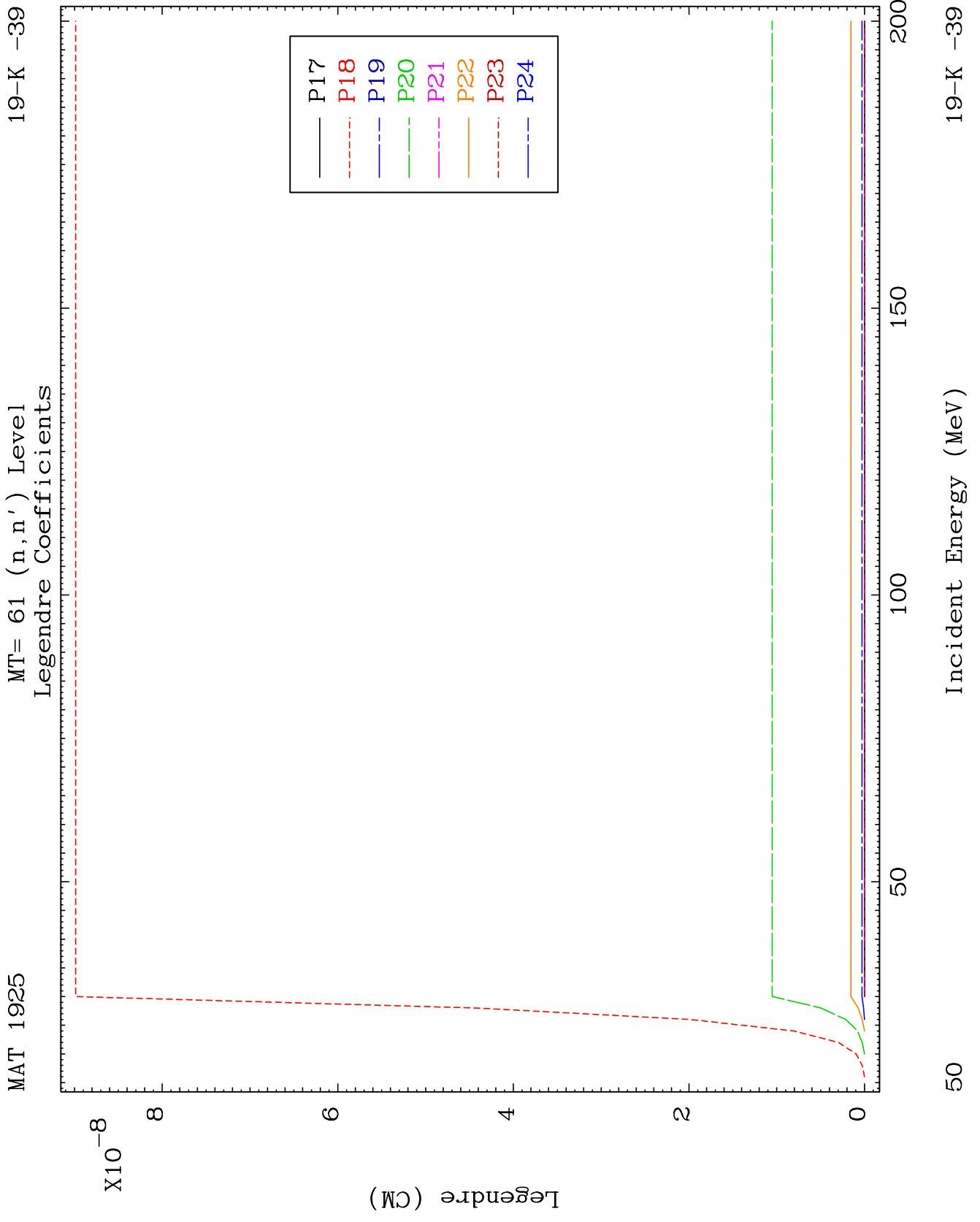
Incident Energy (MeV)

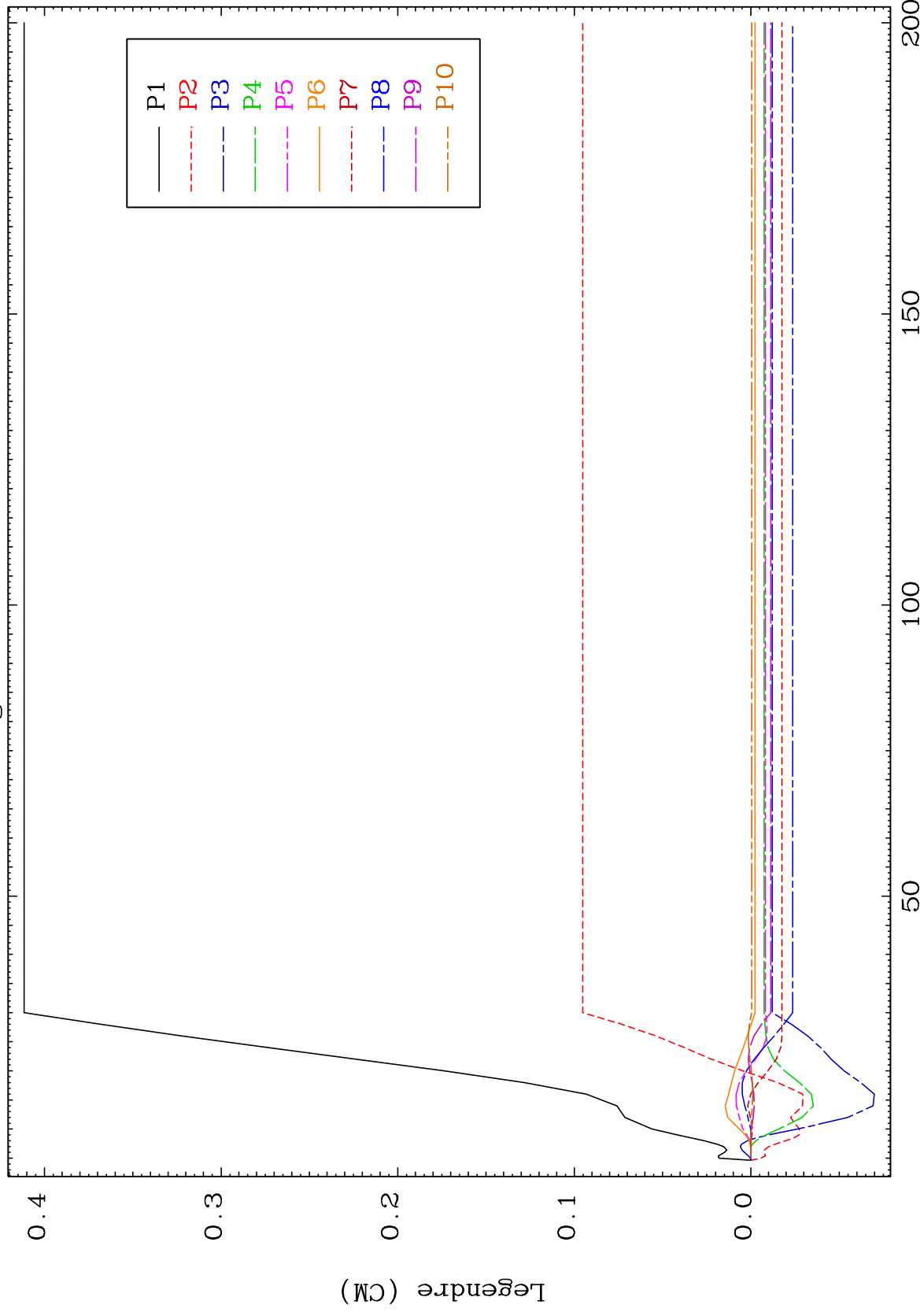
19-K -39







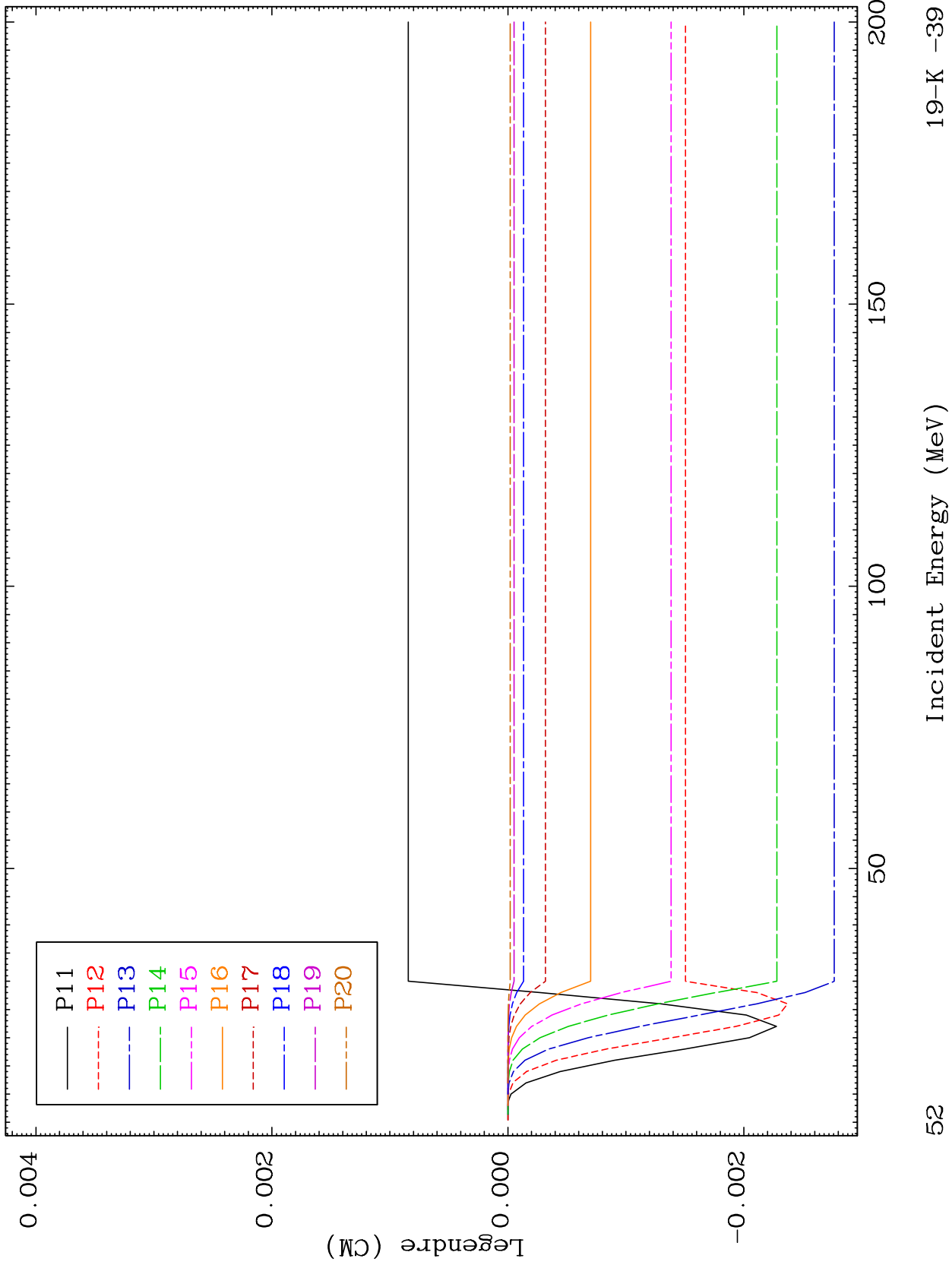




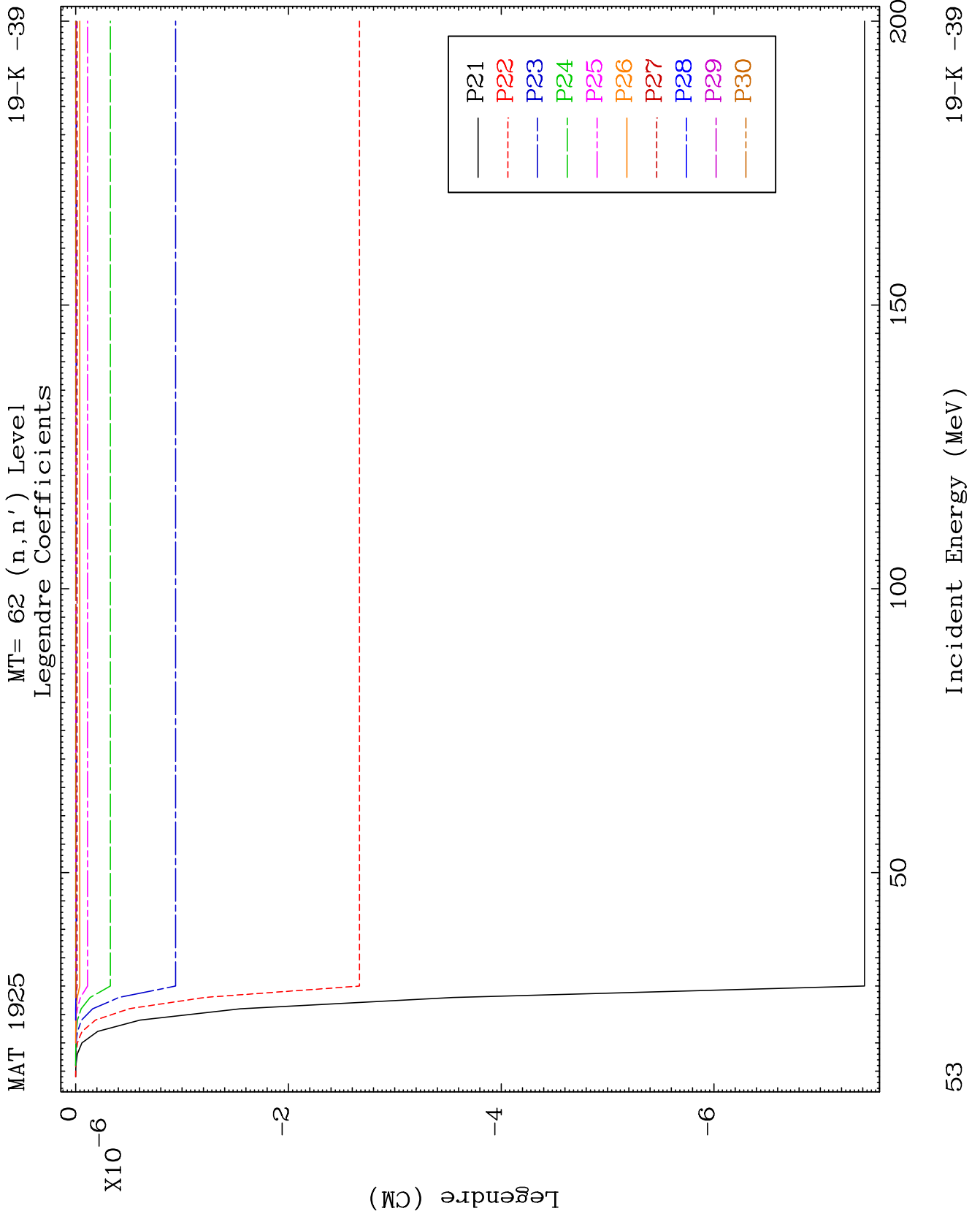
MAT 1925

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

19-K -39



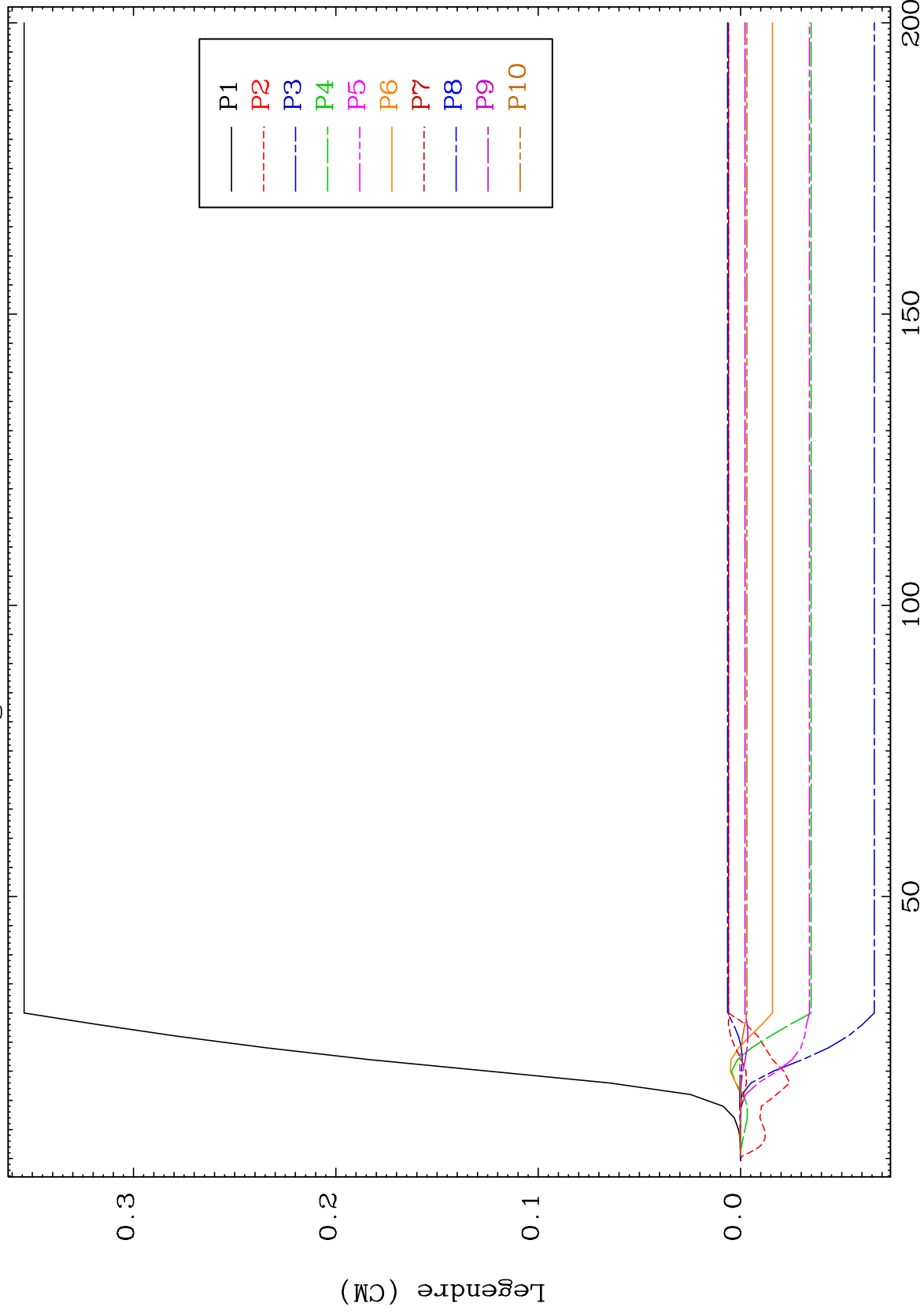
52



MAT 1925

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

19-K -39



54

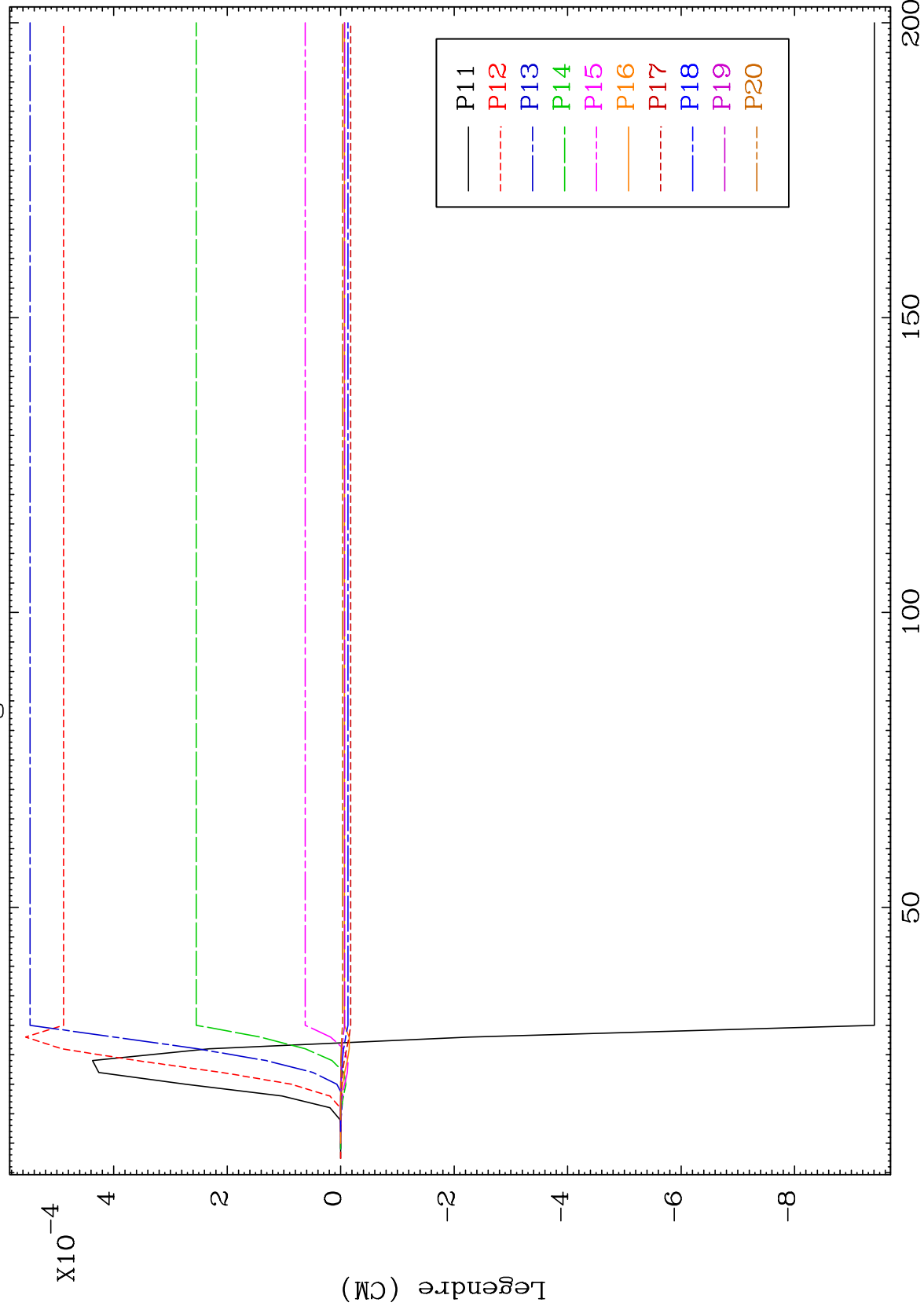
Incident Energy (MeV)

19-K -39

MAT 1925

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

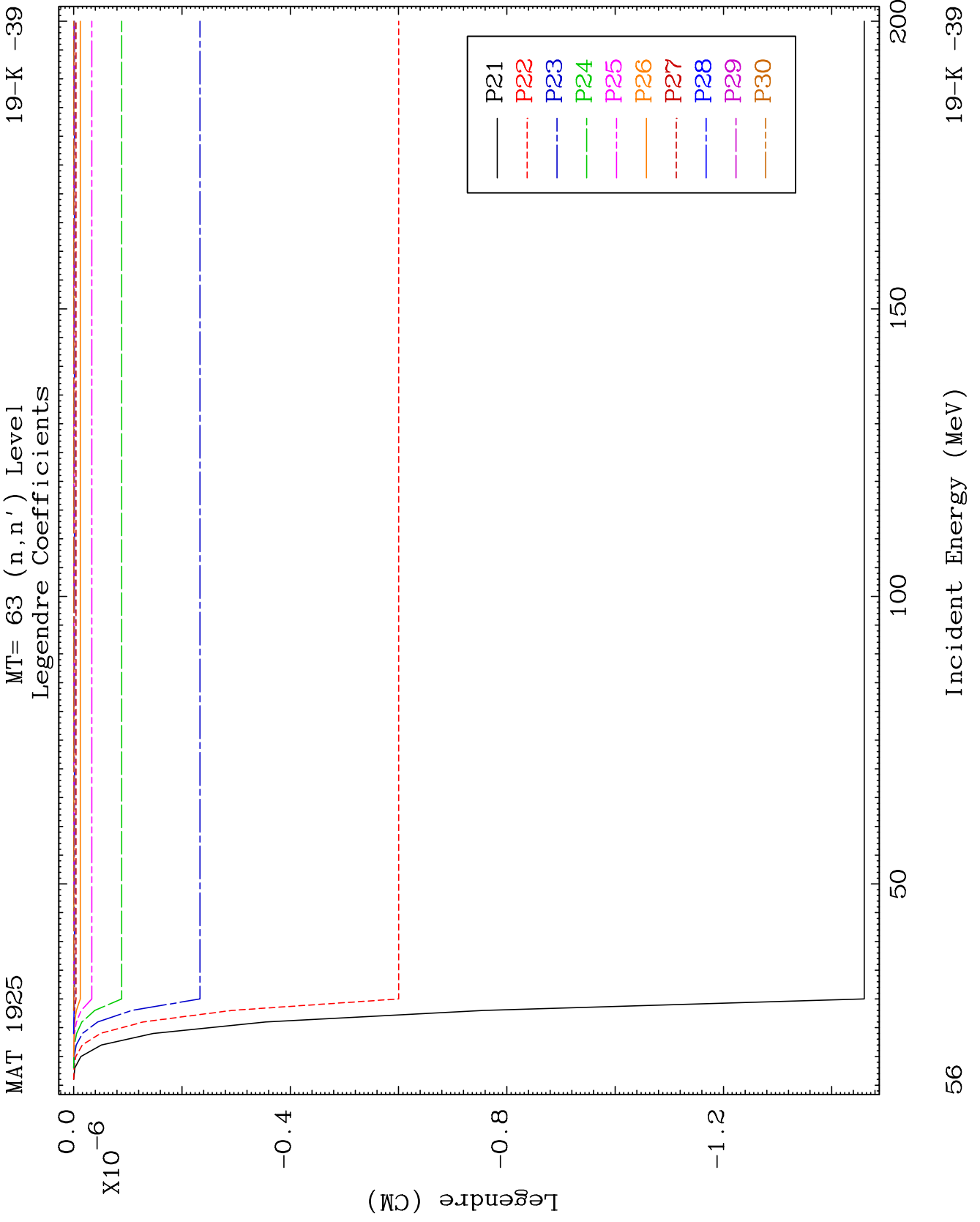
19-K -39



55

Incident Energy (MeV)

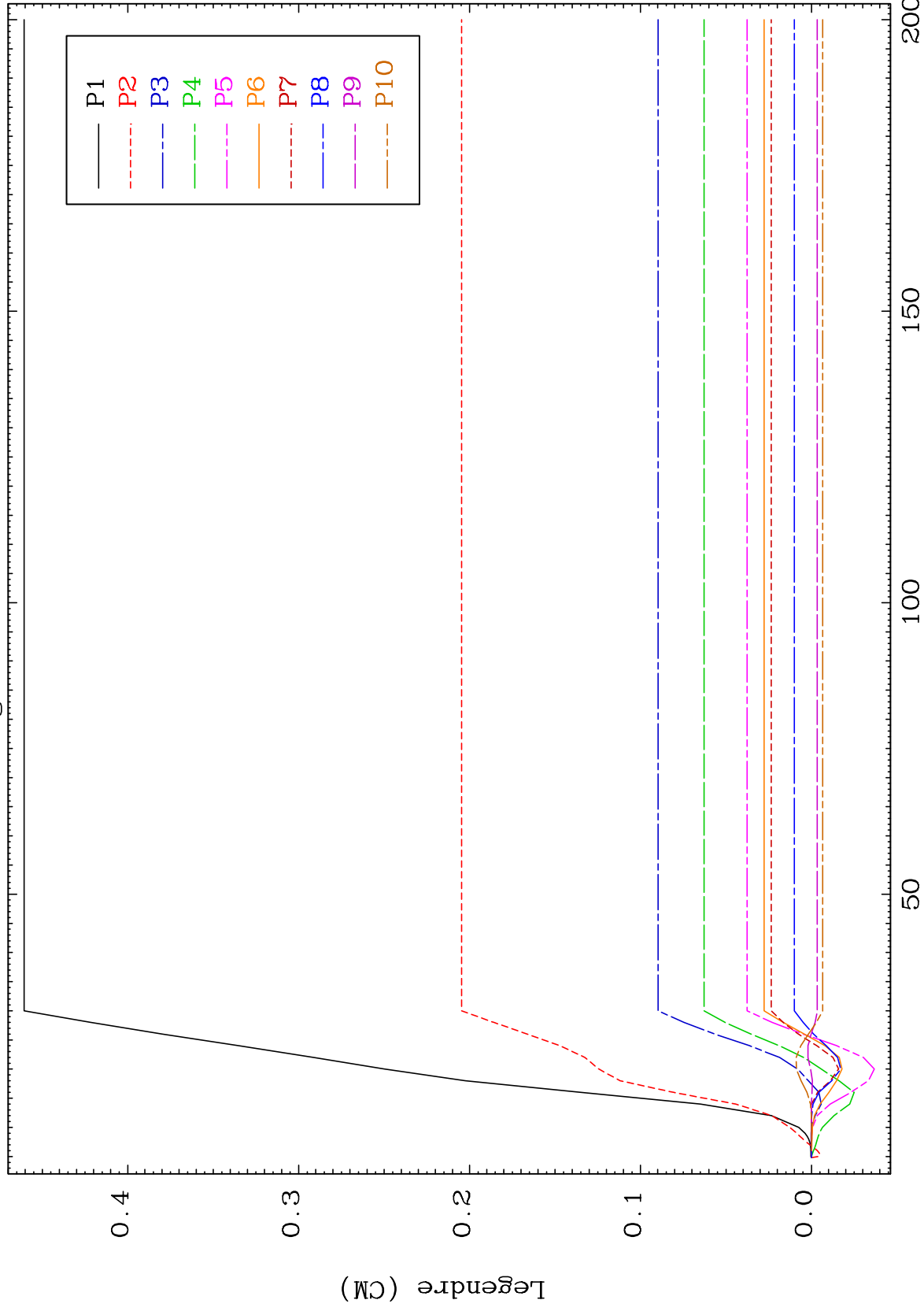
19-K -39



MAT 1925

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

19-K -39



57

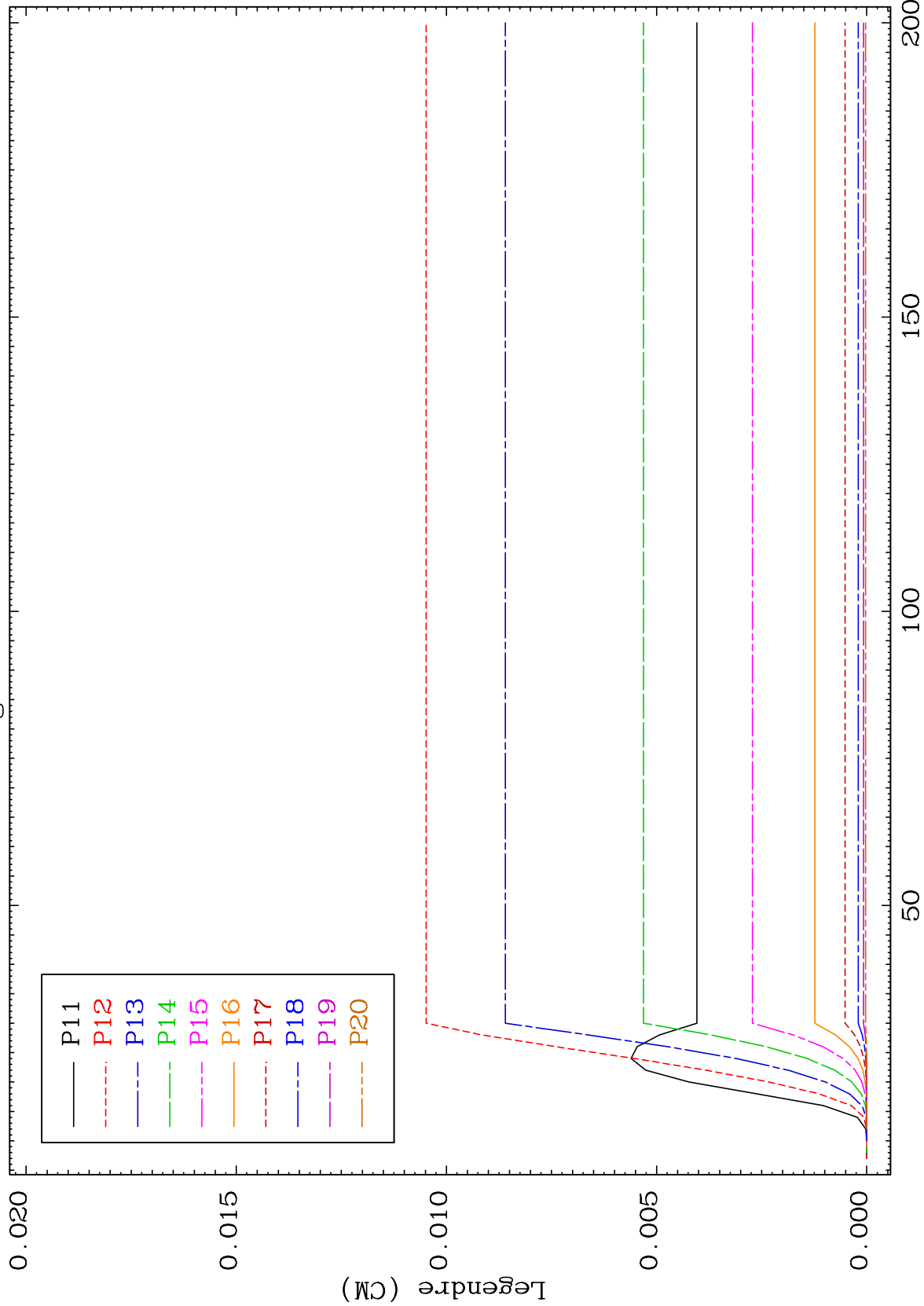
Incident Energy (MeV)

19-K -39

MAT 1925

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

19-K -39



58

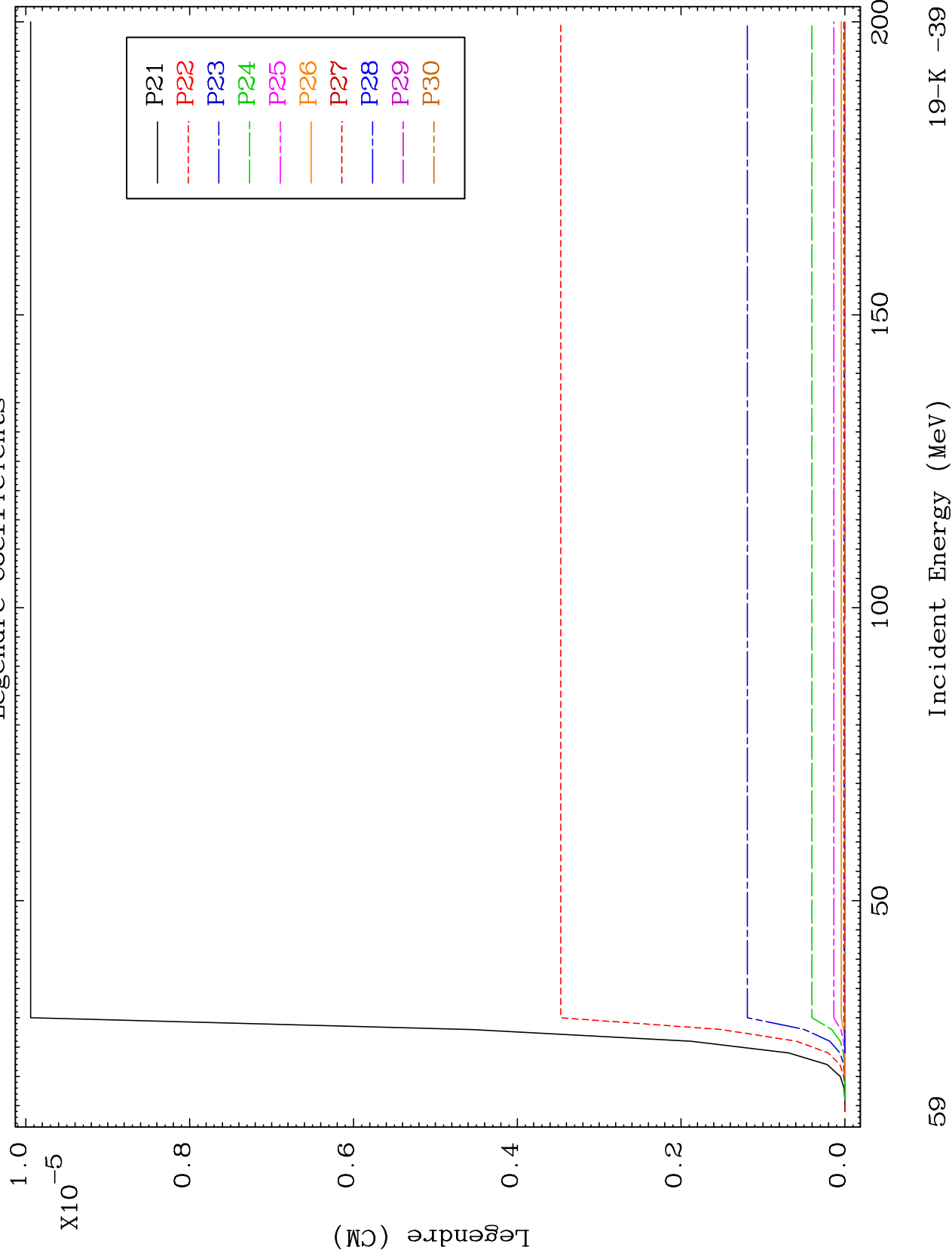
Incident Energy (MeV)

19-K -39

MAT 1925

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

19-K -39



59

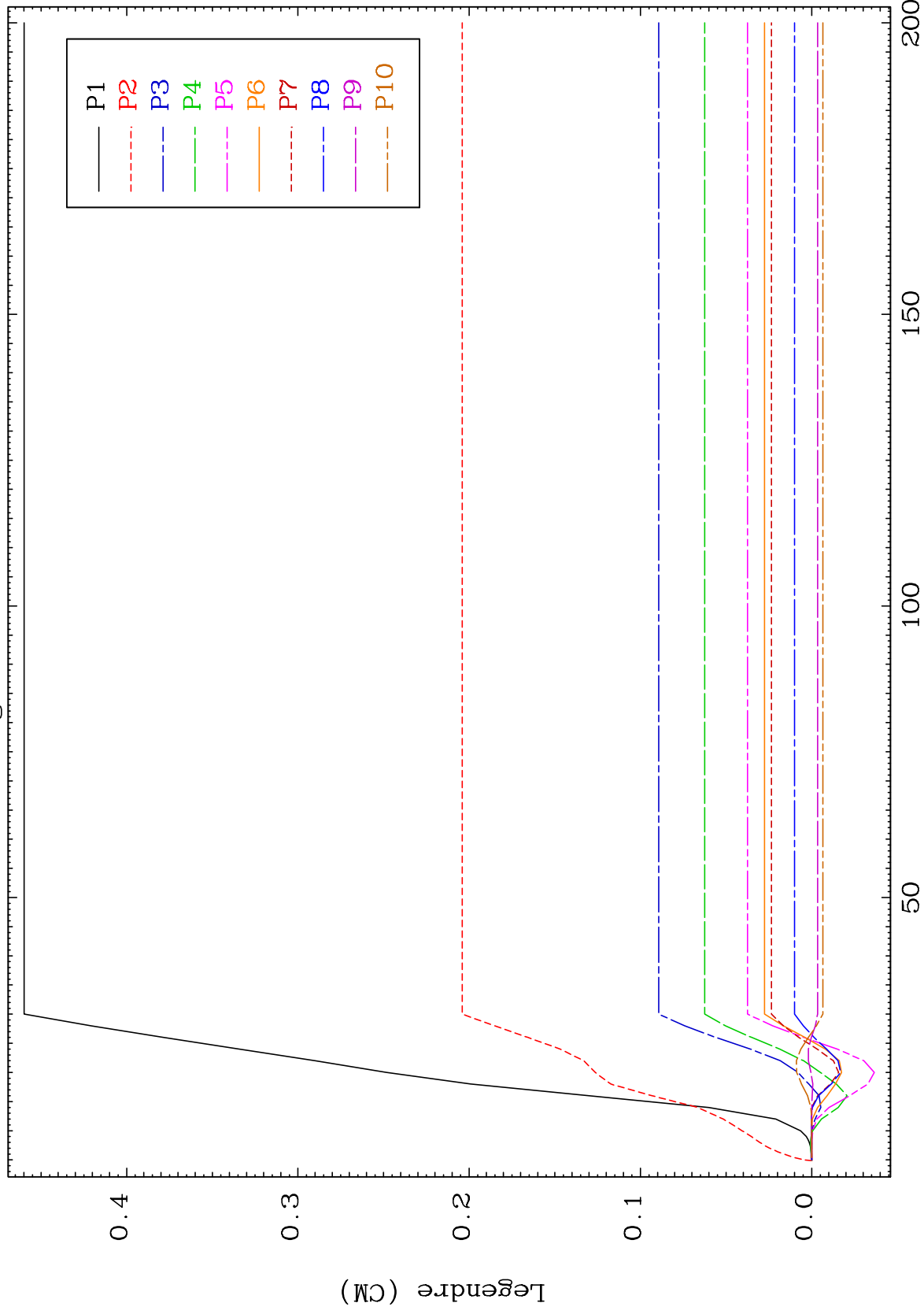
Incident Energy (MeV)

19-K -39

MAT 1925

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

19-K -39



60

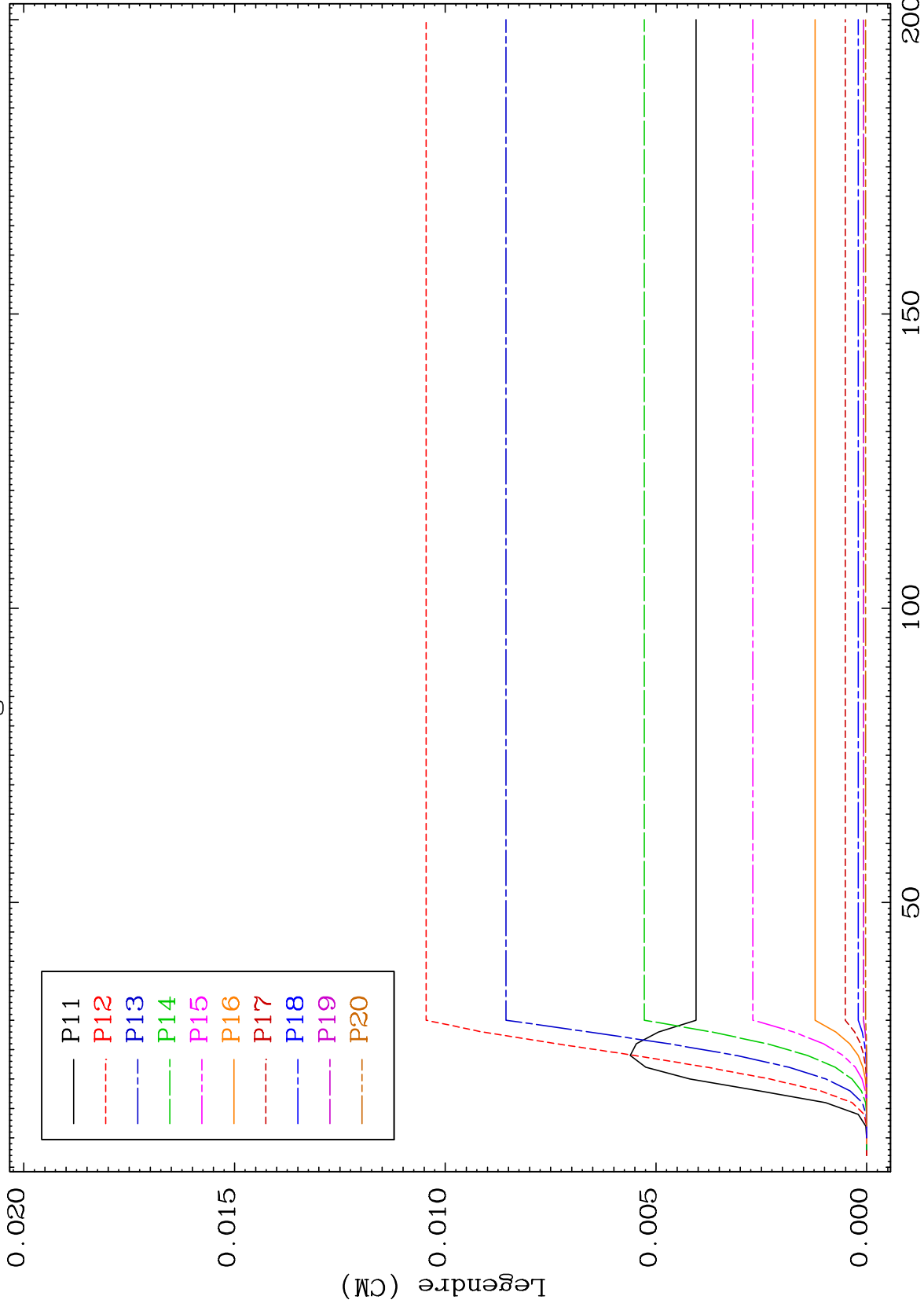
Incident Energy (MeV)

19-K -39

MAT 1925

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

19-K -39



61

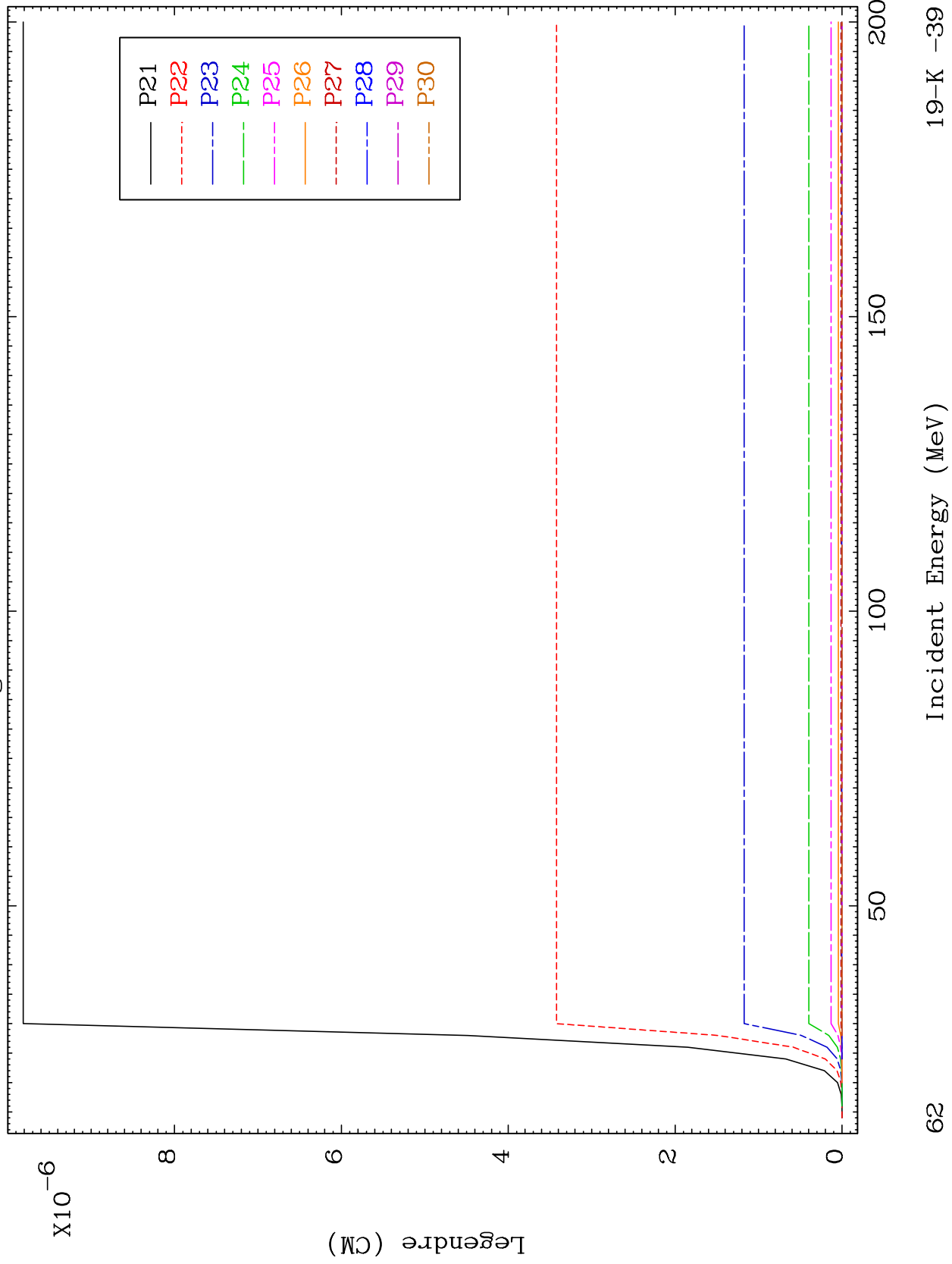
Incident Energy (MeV)

19-K -39

MAT 1925

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

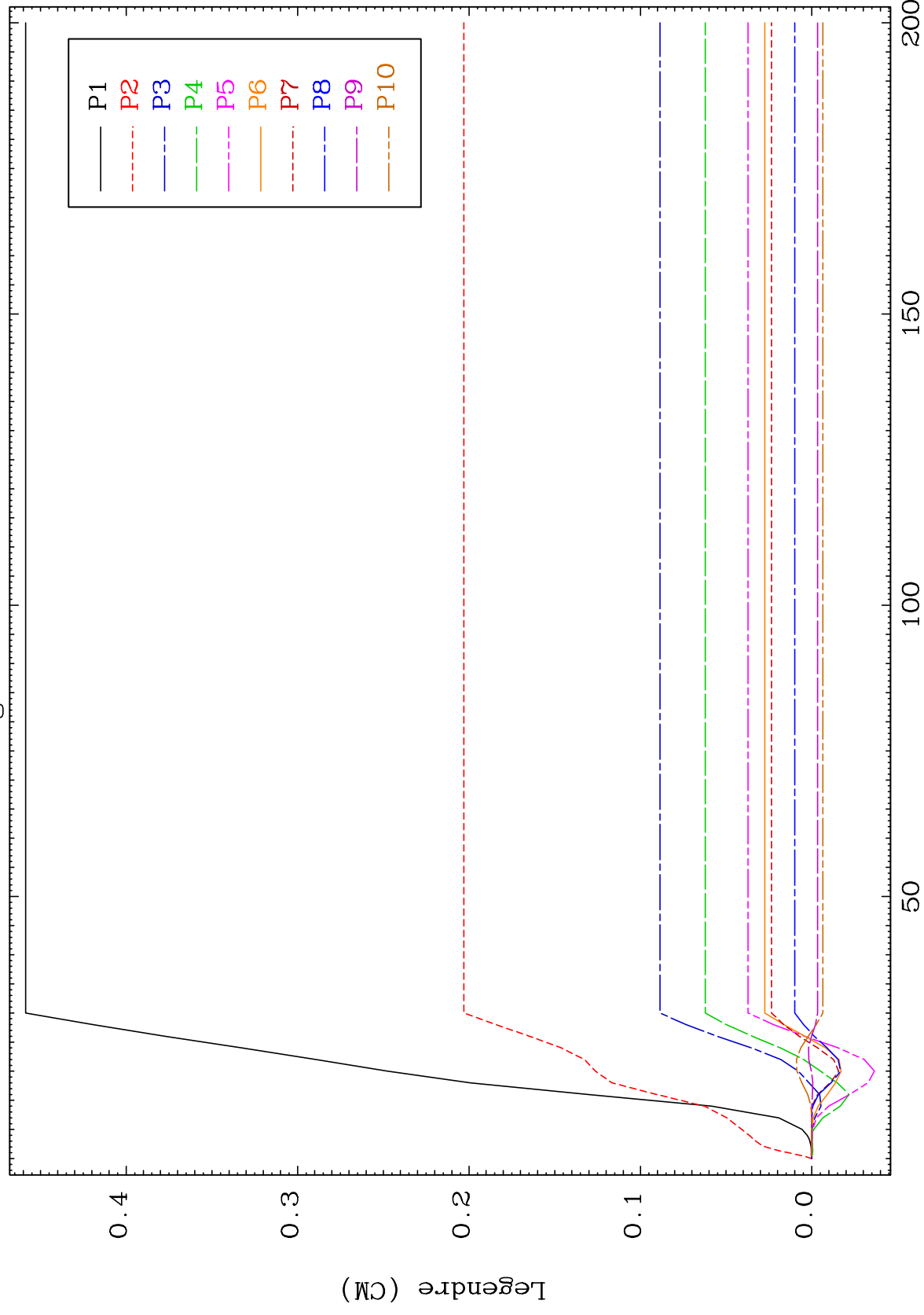
19-K -39



MAT 1925

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

19-K -39



63

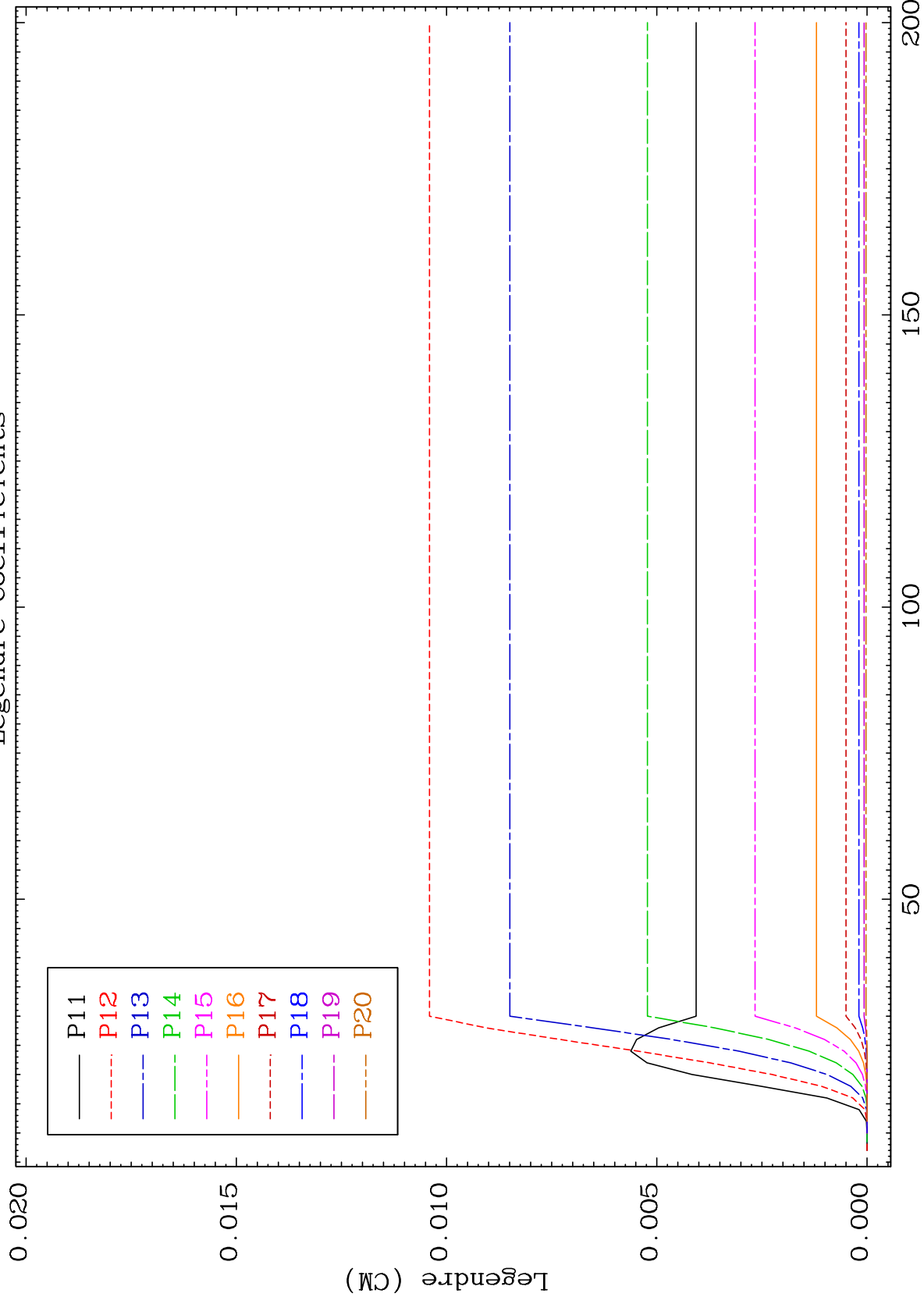
Incident Energy (MeV)

19-K -39

MAT 1925

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

19-K -39



64

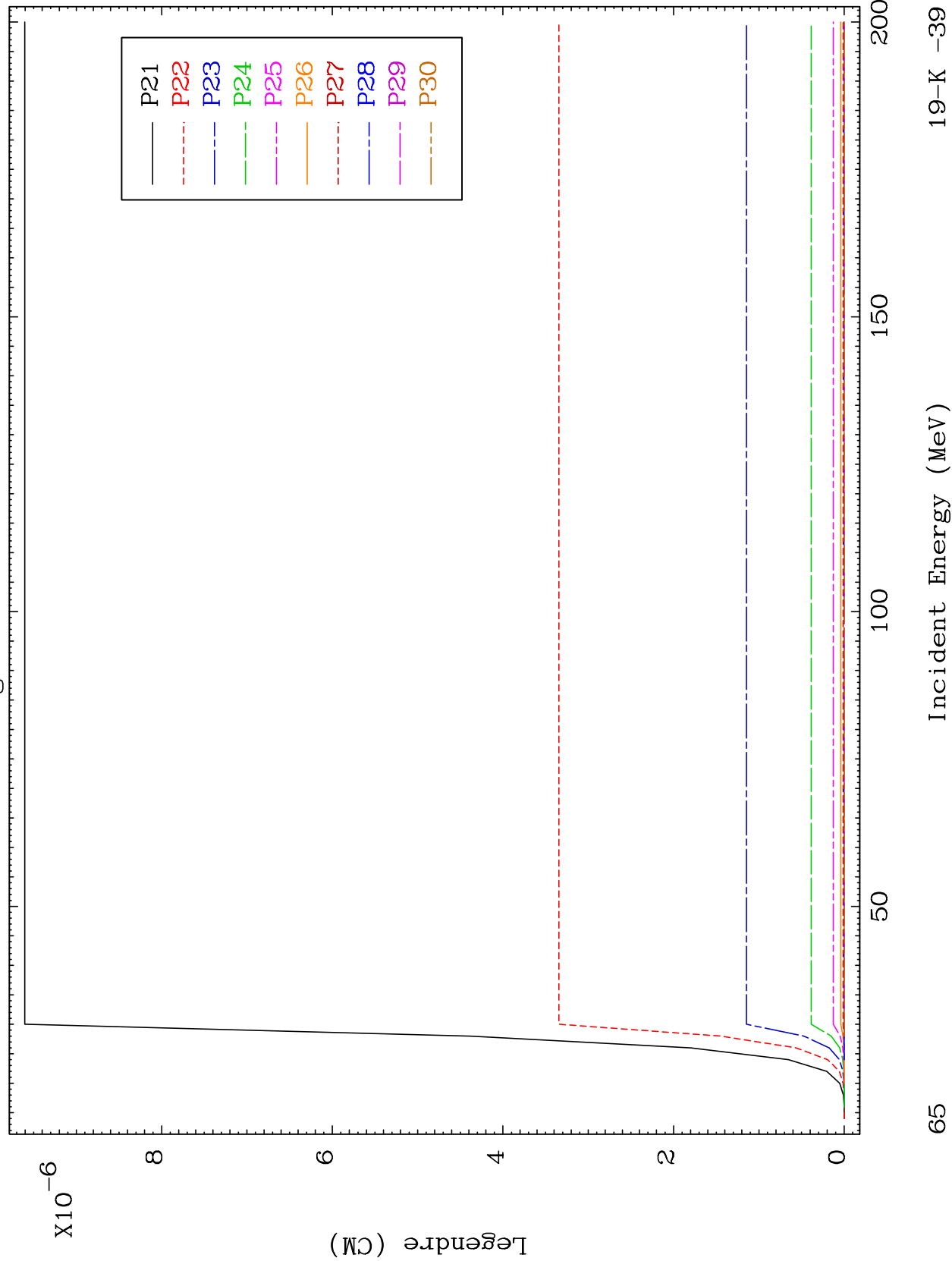
Incident Energy (MeV)

19-K -39

MAT 1925

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

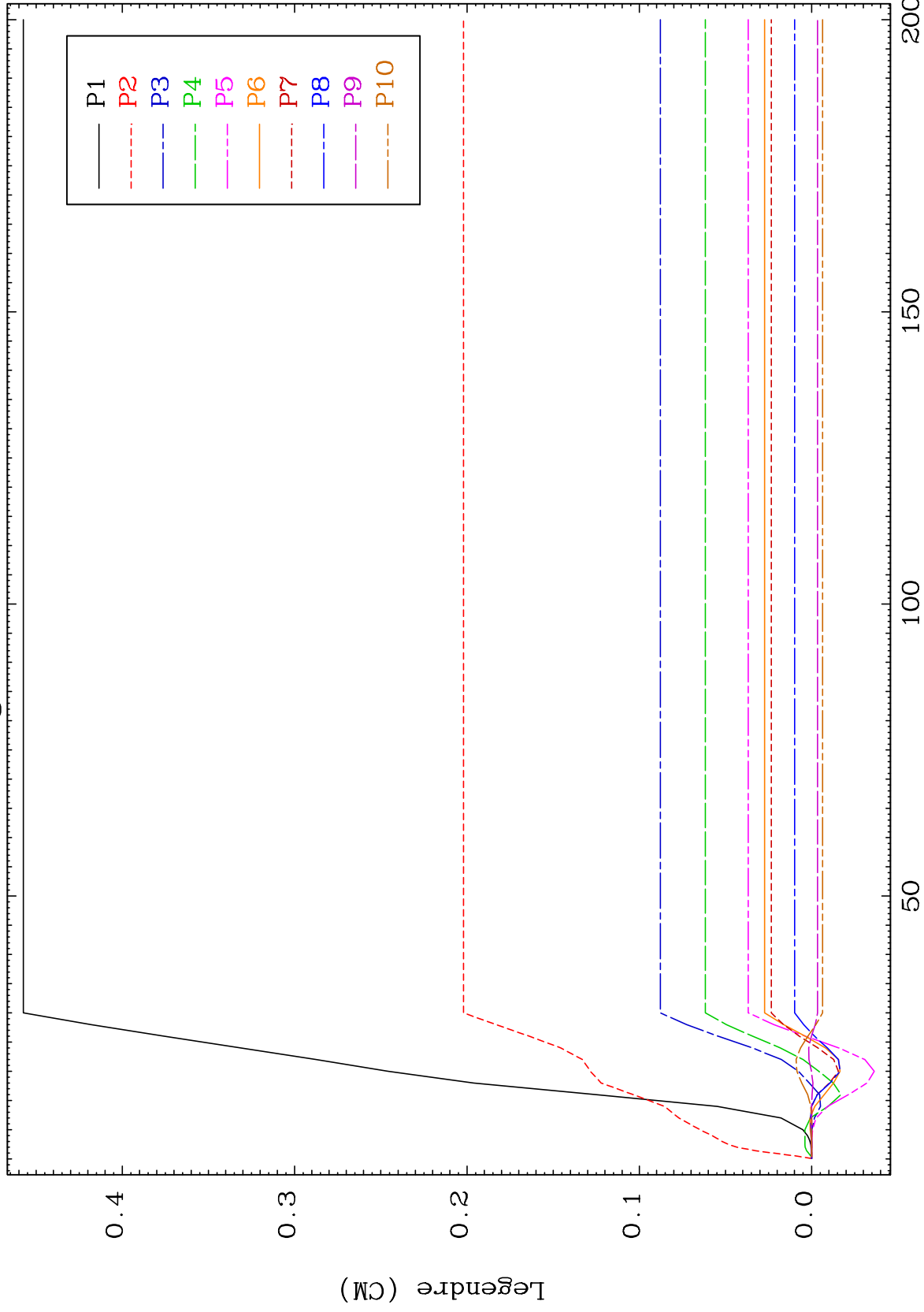
19-K -39



MAT 1925

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

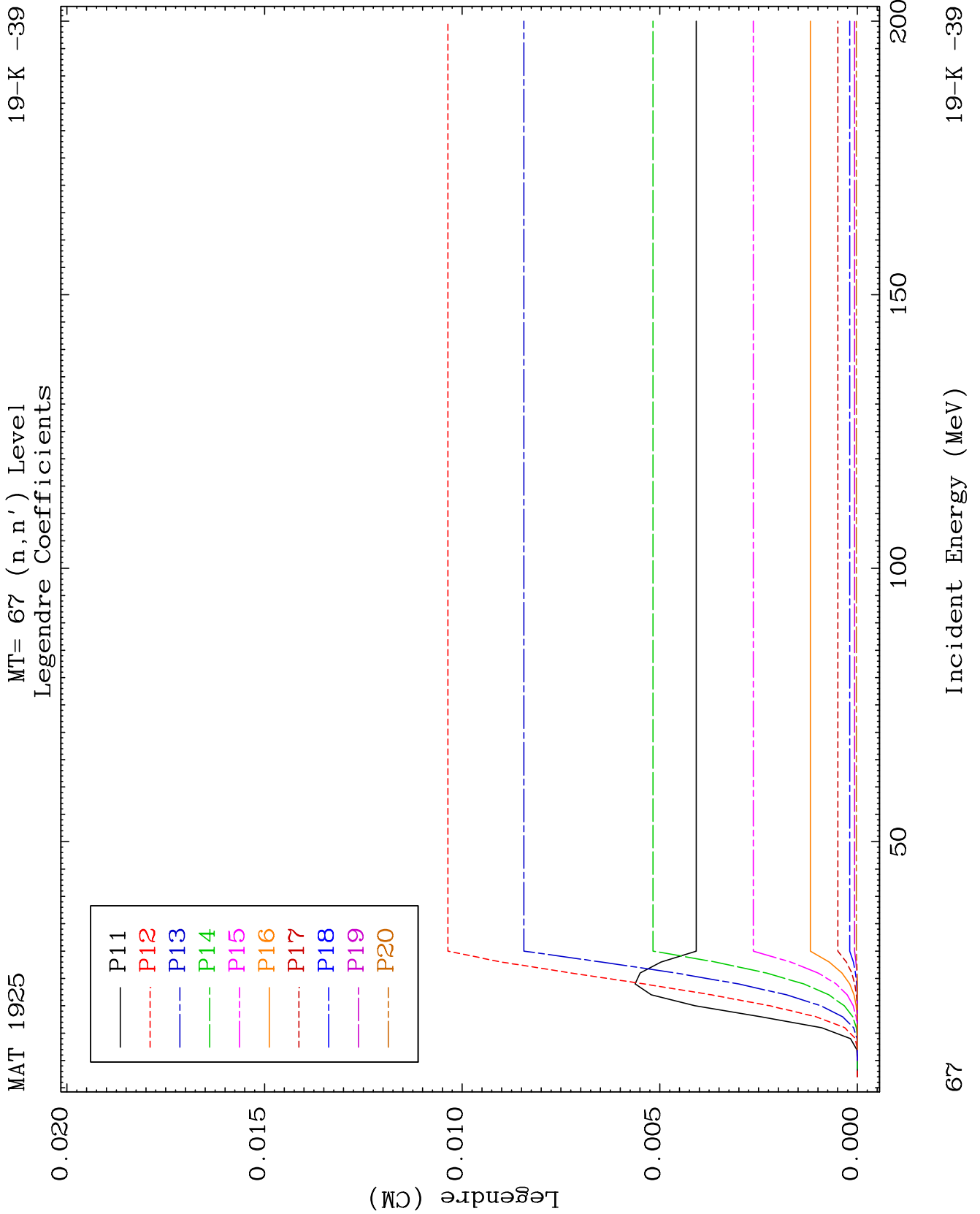
19-K -39



66

Incident Energy (MeV)

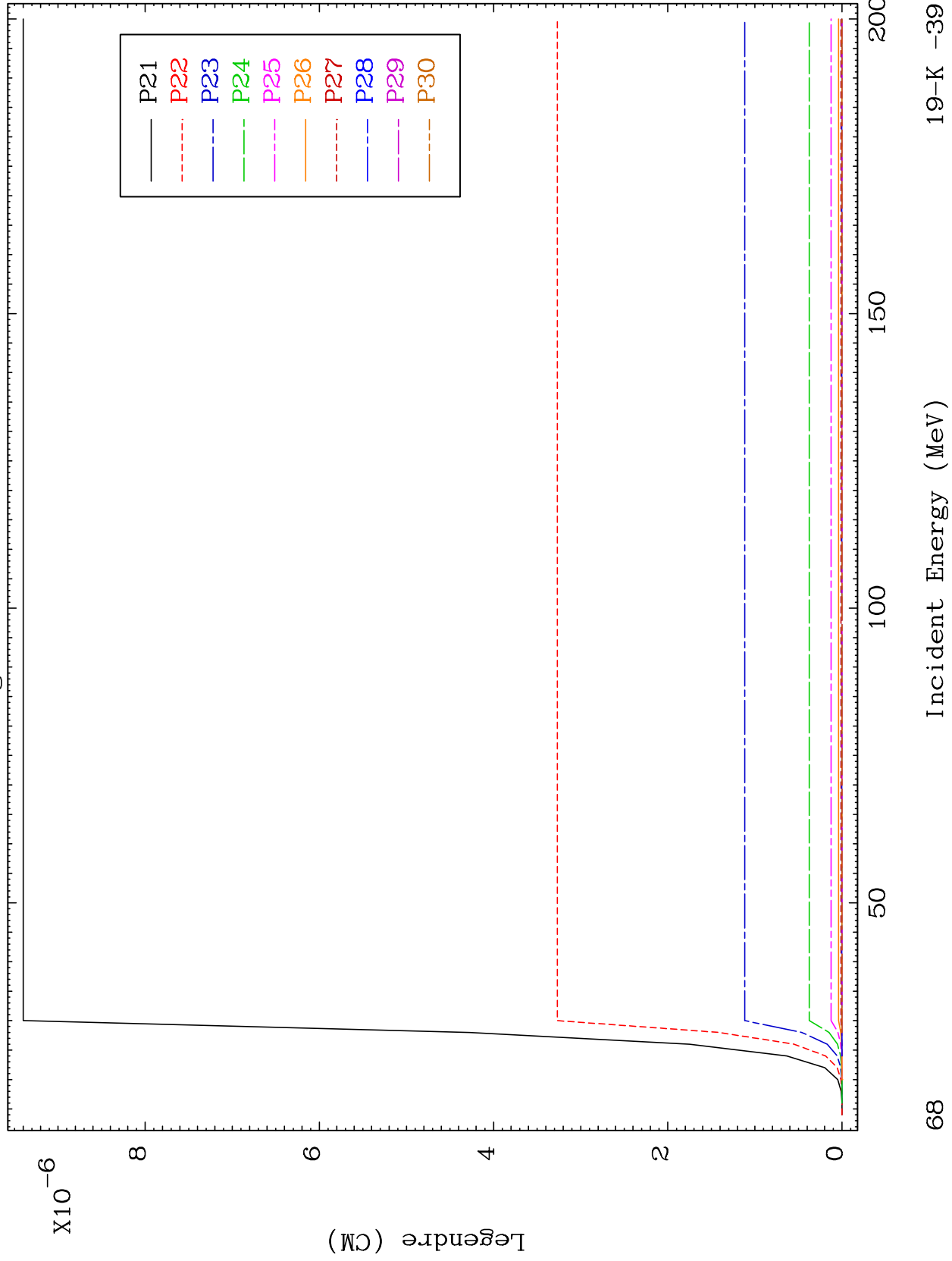
19-K -39



MAT 1925

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

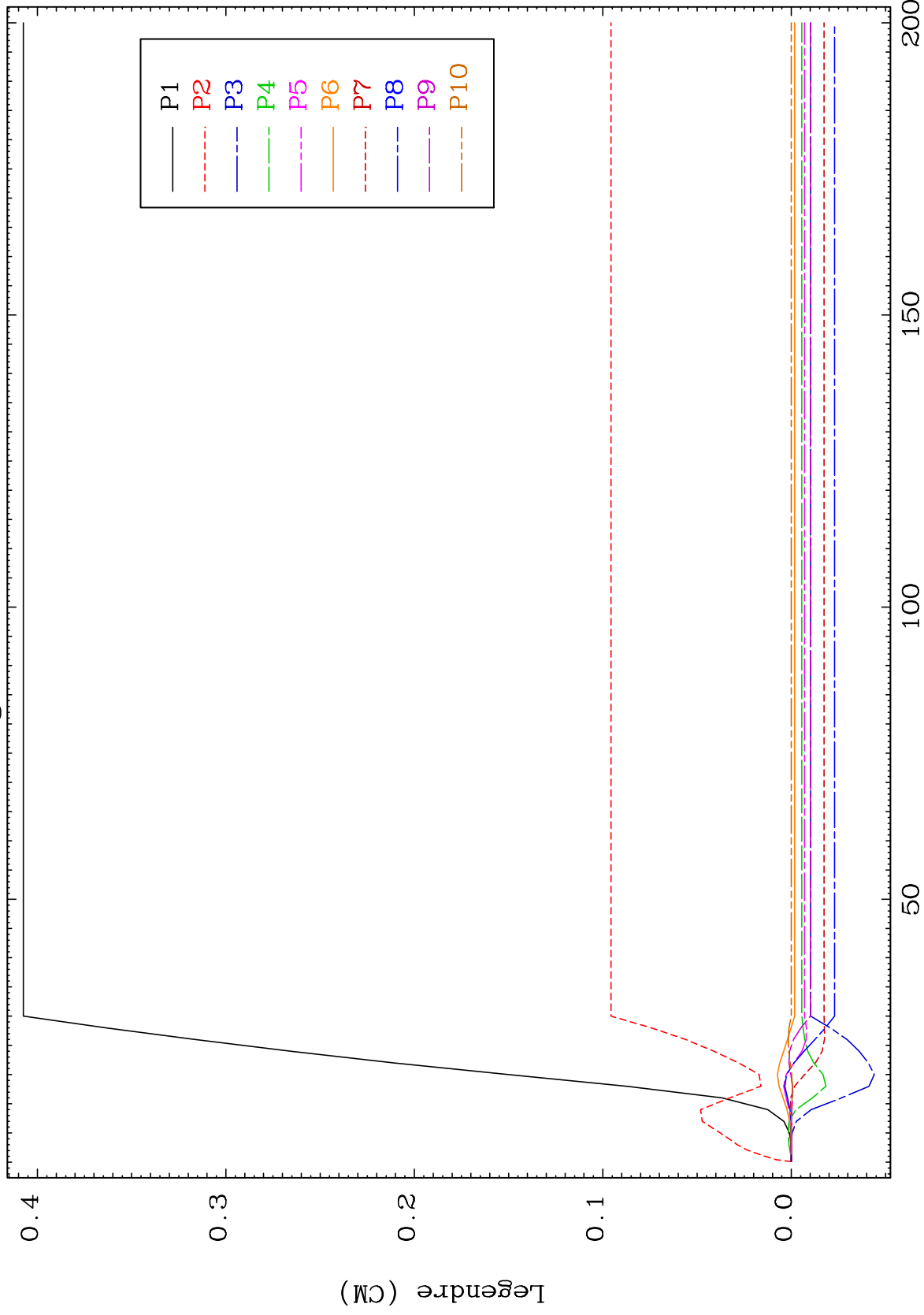
19-K -39



MAT 1925

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

19-K -39



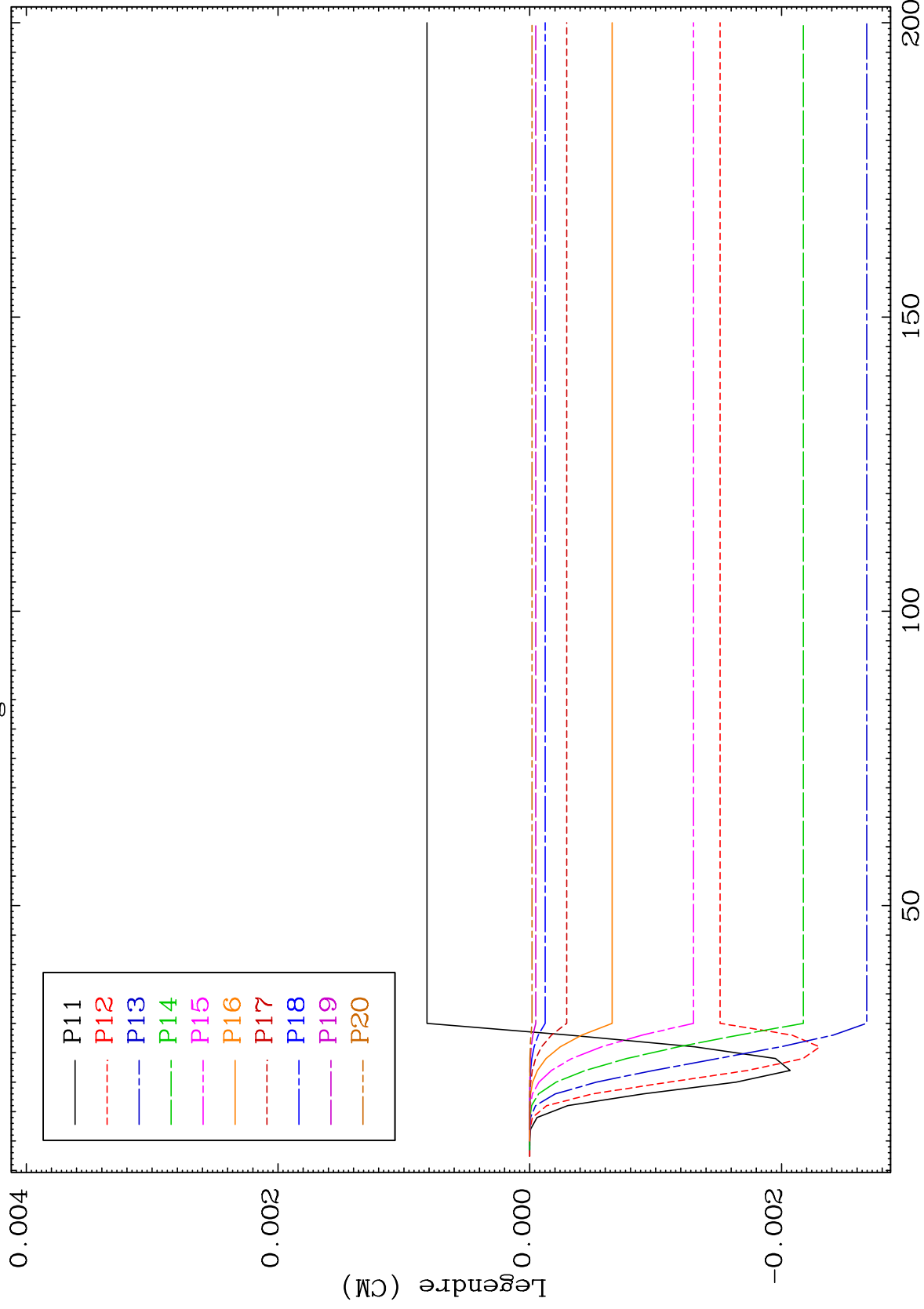
69

19-K -39

MAT 1925

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

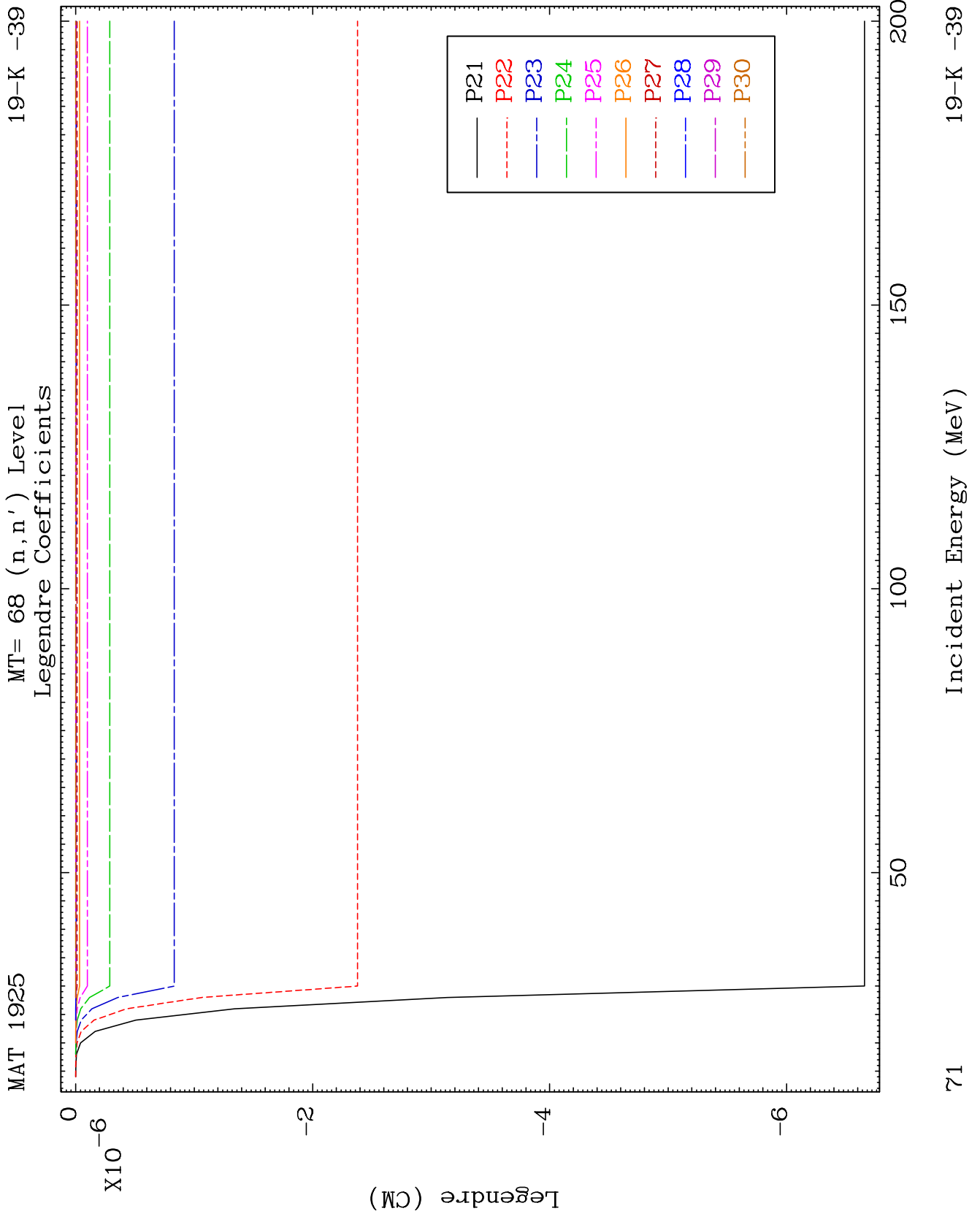
19-K -39



70

Incident Energy (MeV)

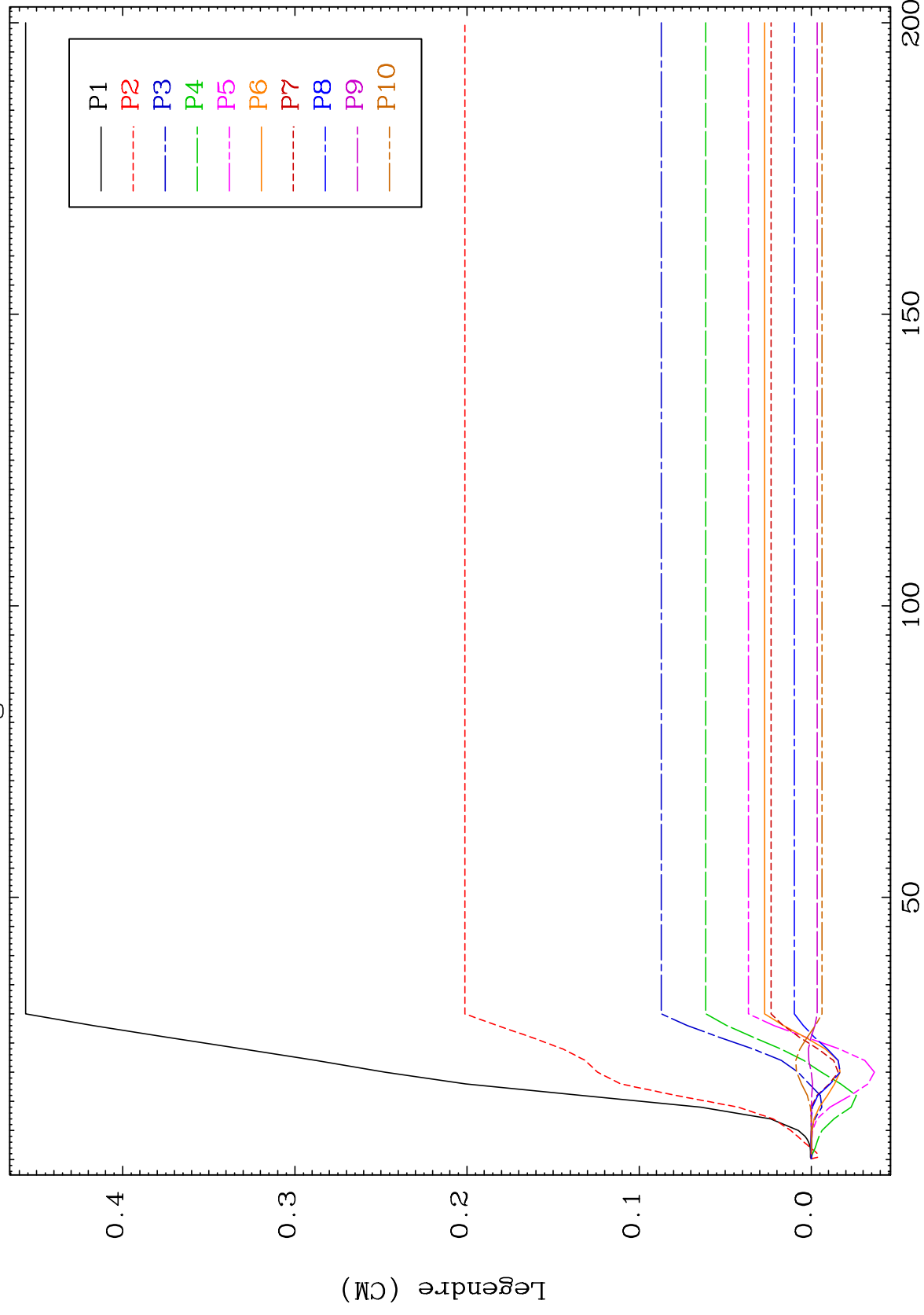
19-K -39



MAT 1925

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

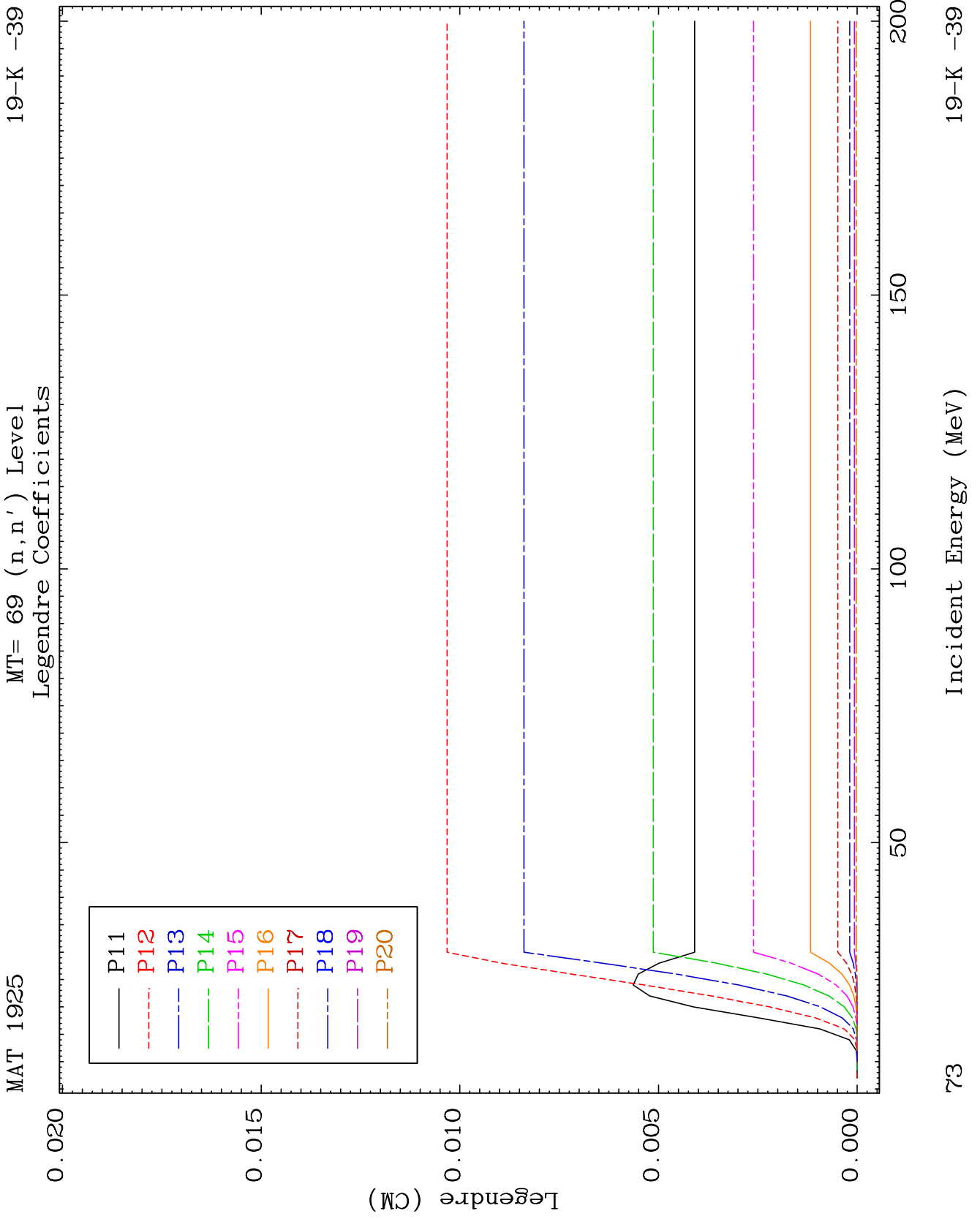
19-K -39



72

Incident Energy (MeV)

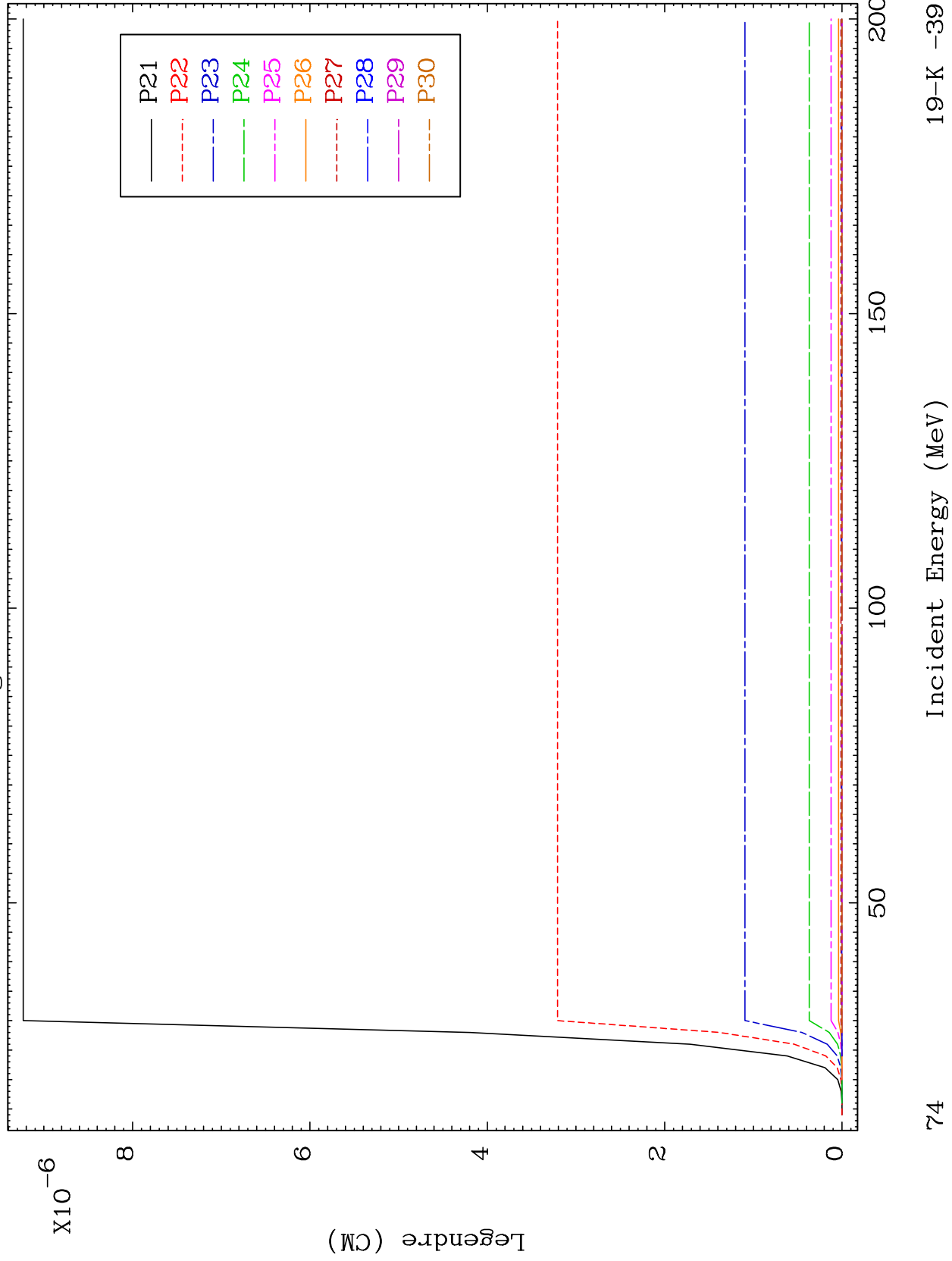
19-K -39



MAT 1925

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

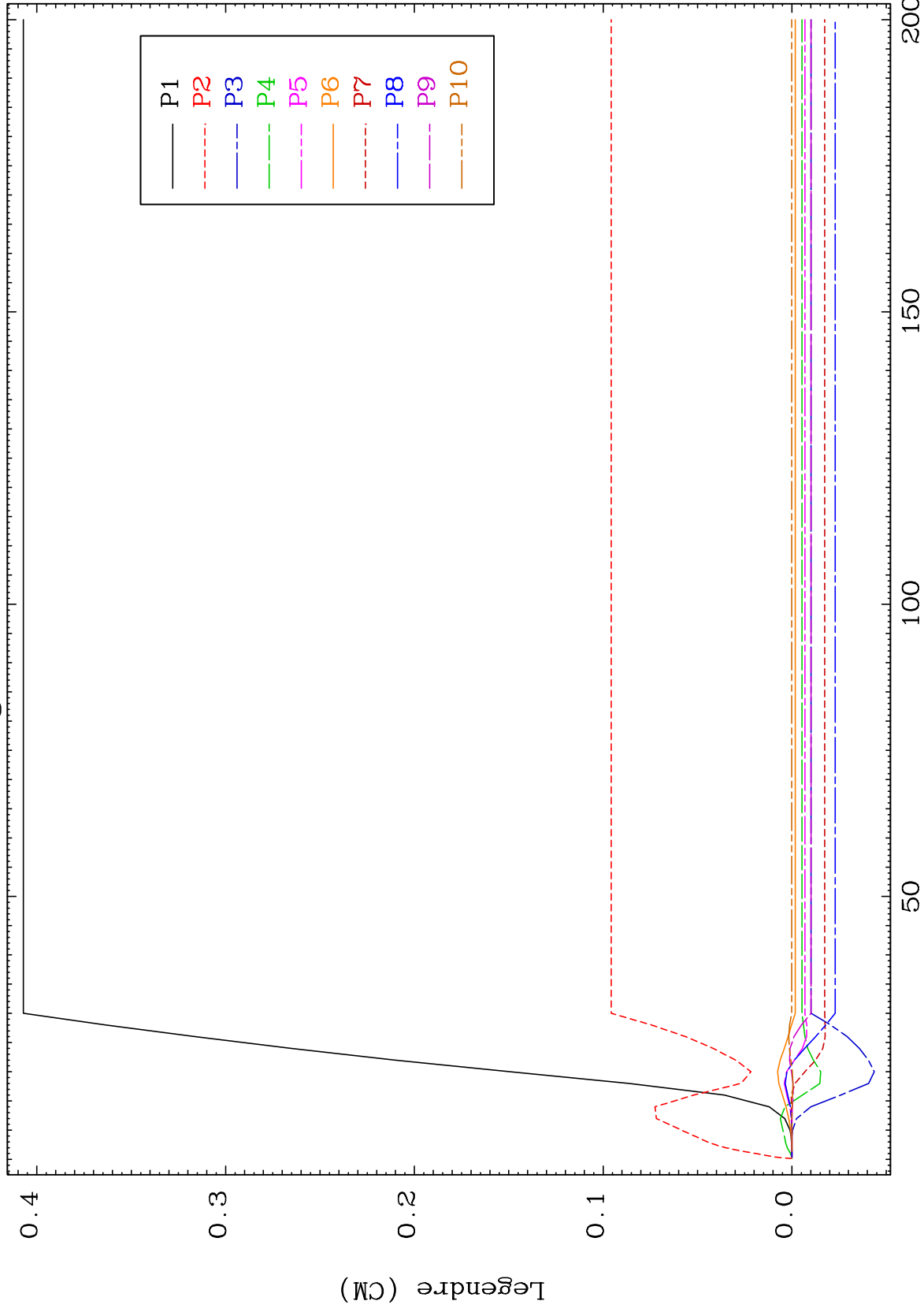
19-K -39



MAT 1925

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

19-K -39



75

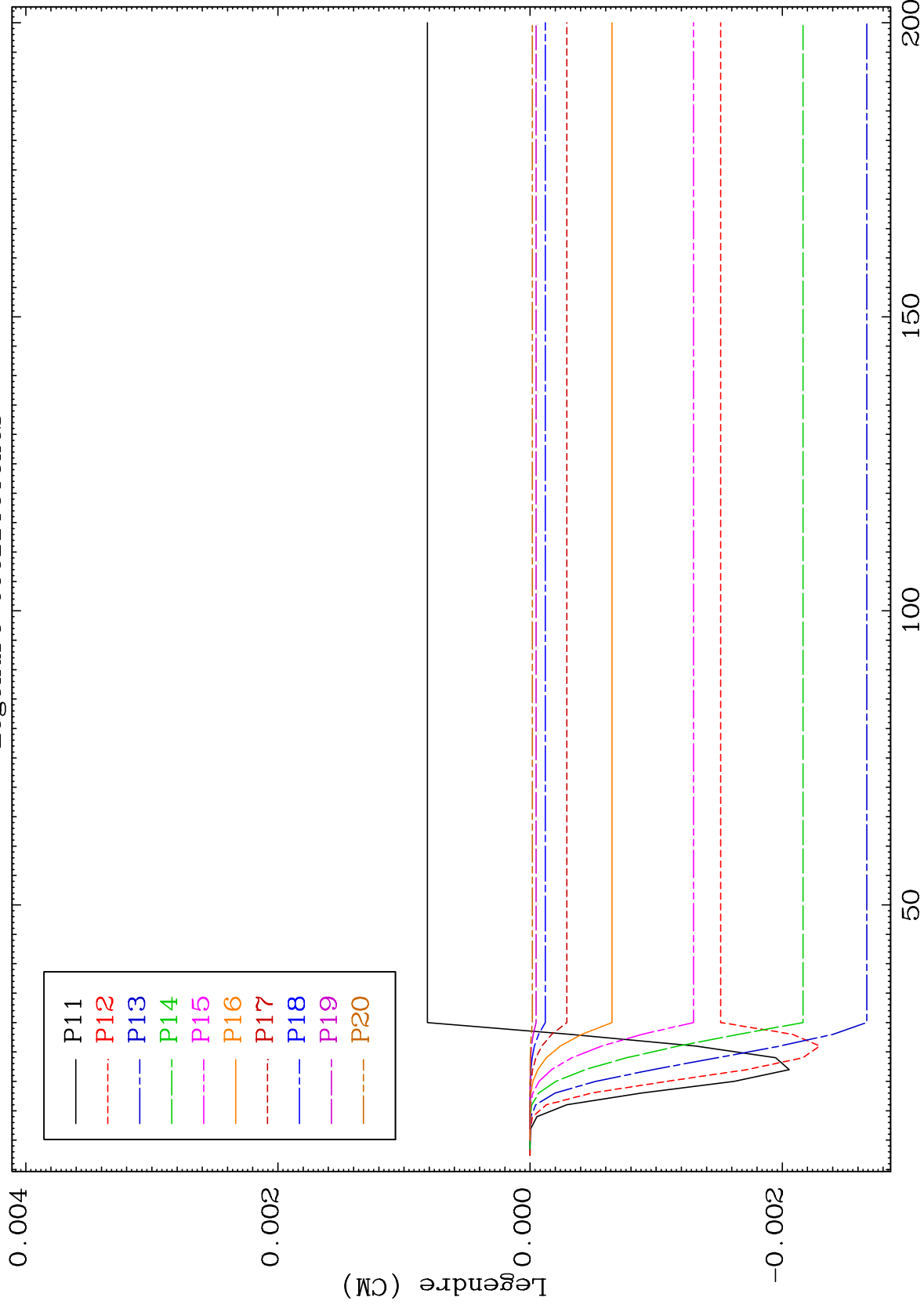
Incident Energy (MeV)

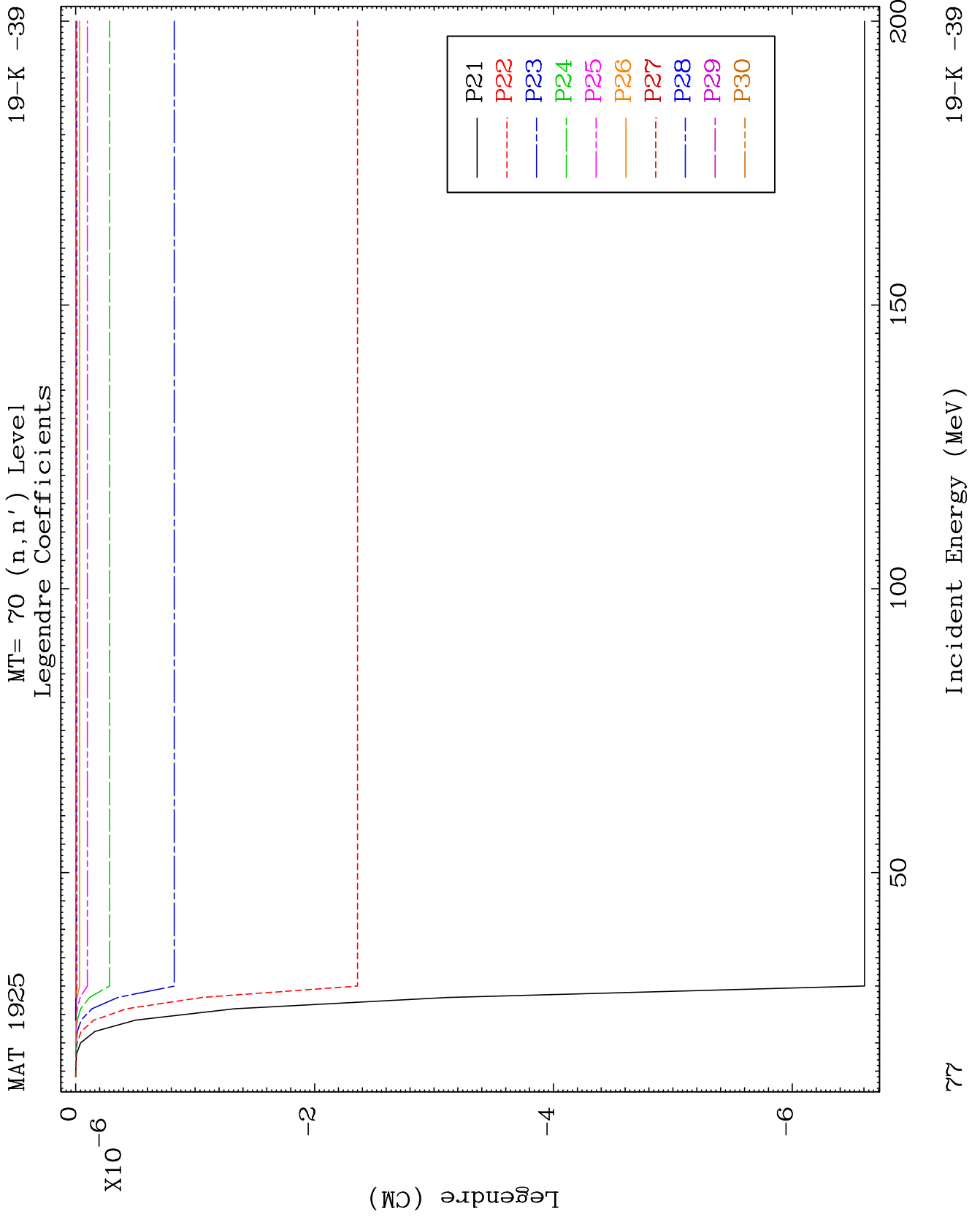
19-K -39

MAT 1925

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

19-K -39

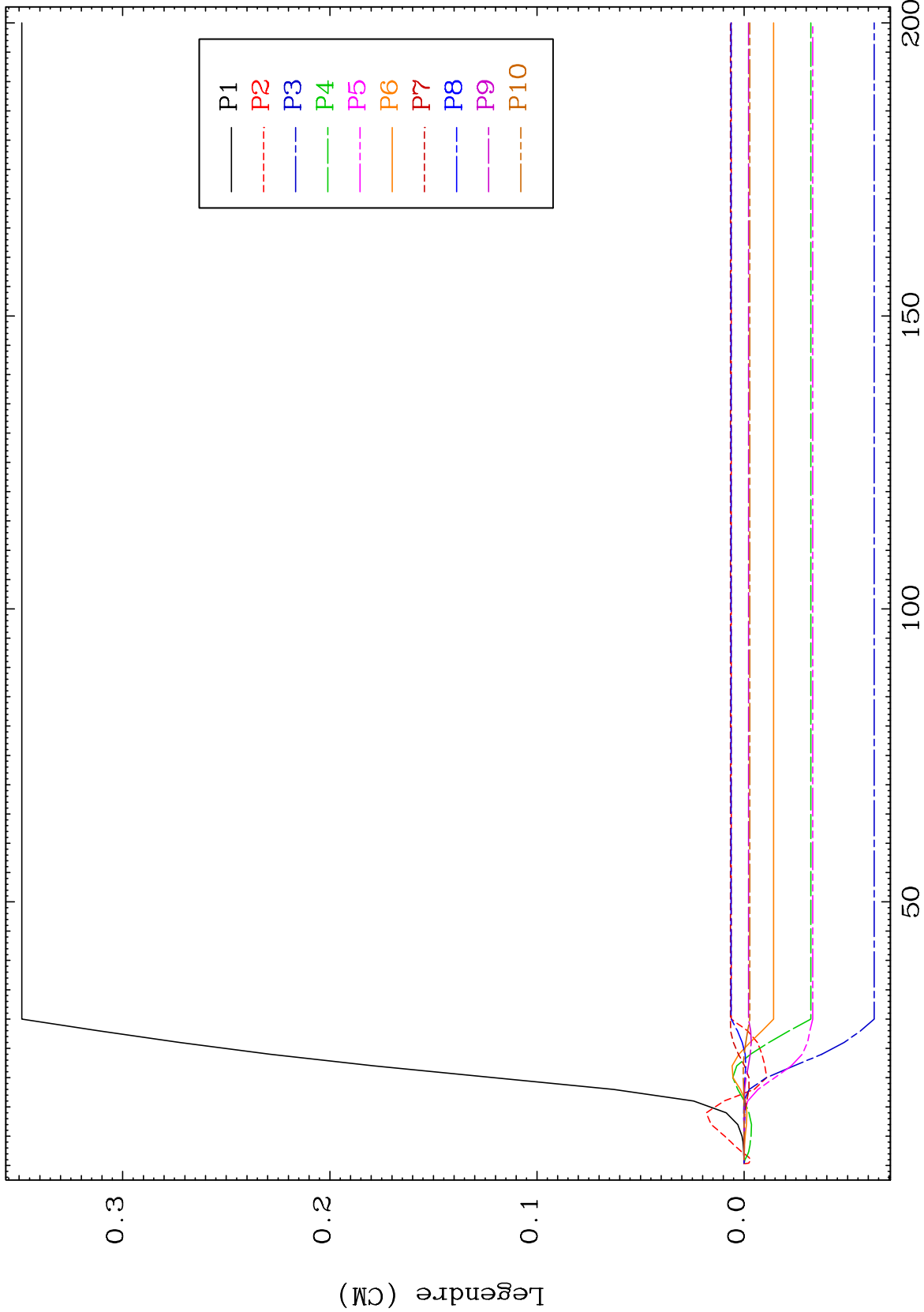




MAT 1925

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

19-K -39



78

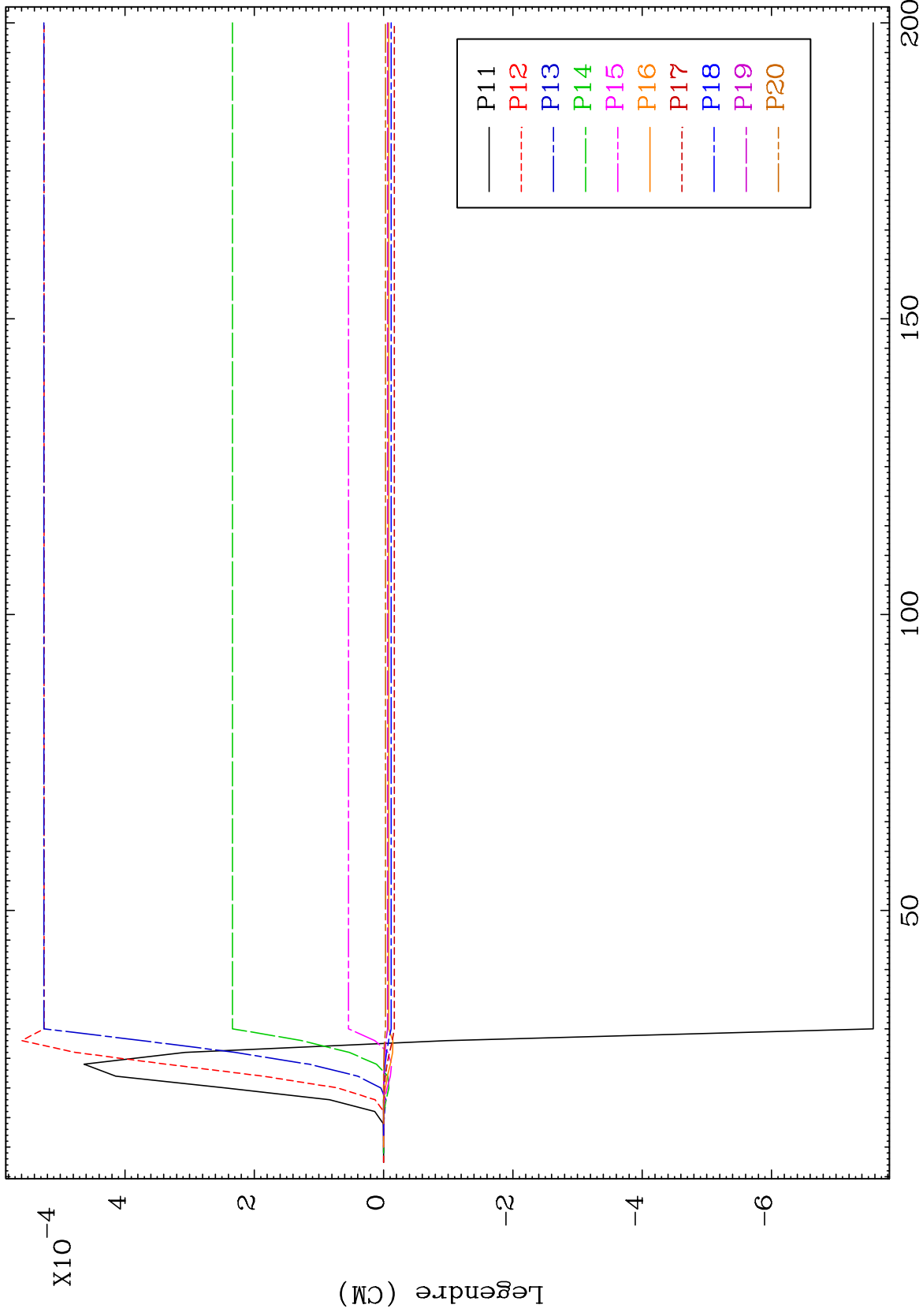
Incident Energy (MeV)

19-K -39

MAT 1925

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

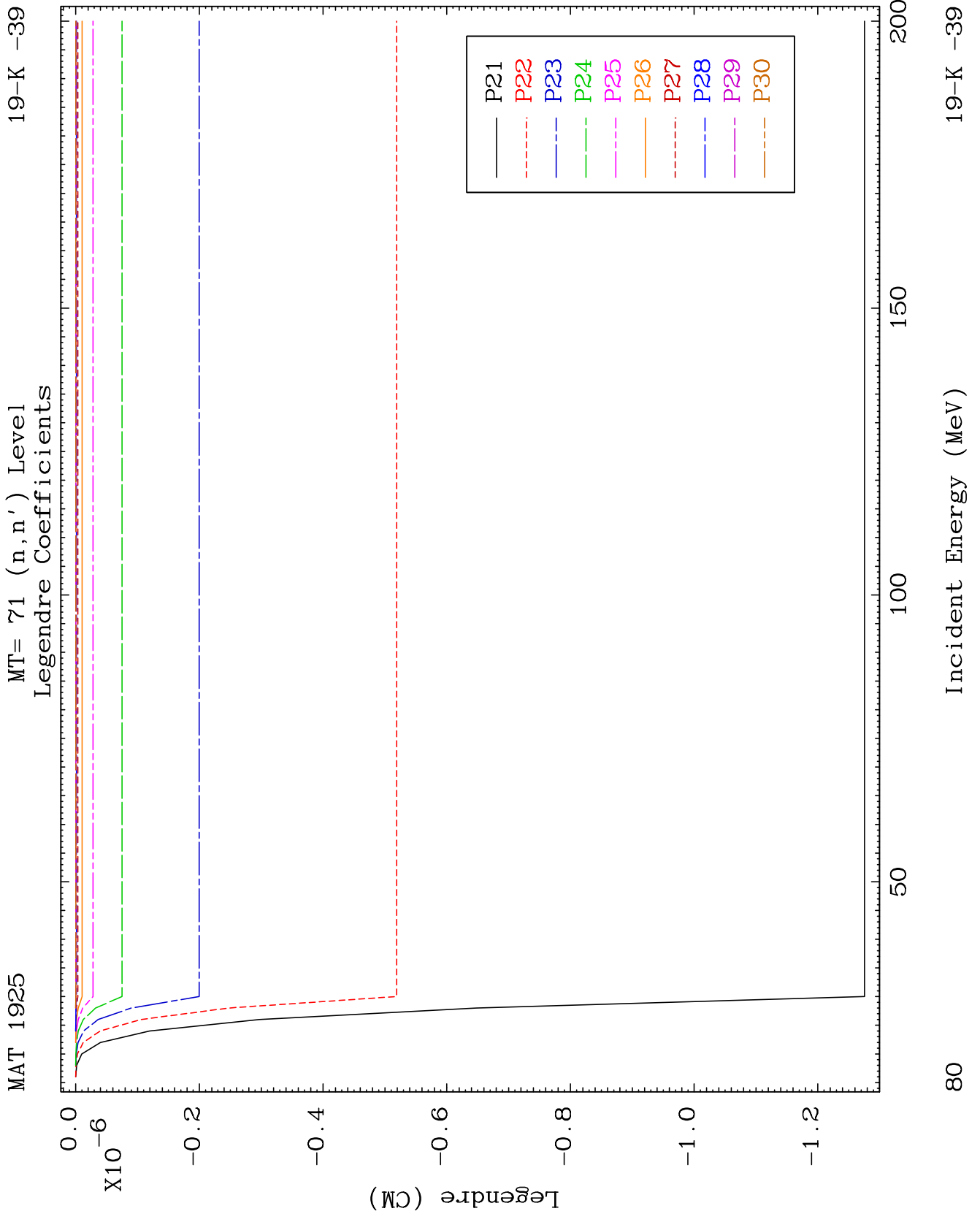
19-K -39

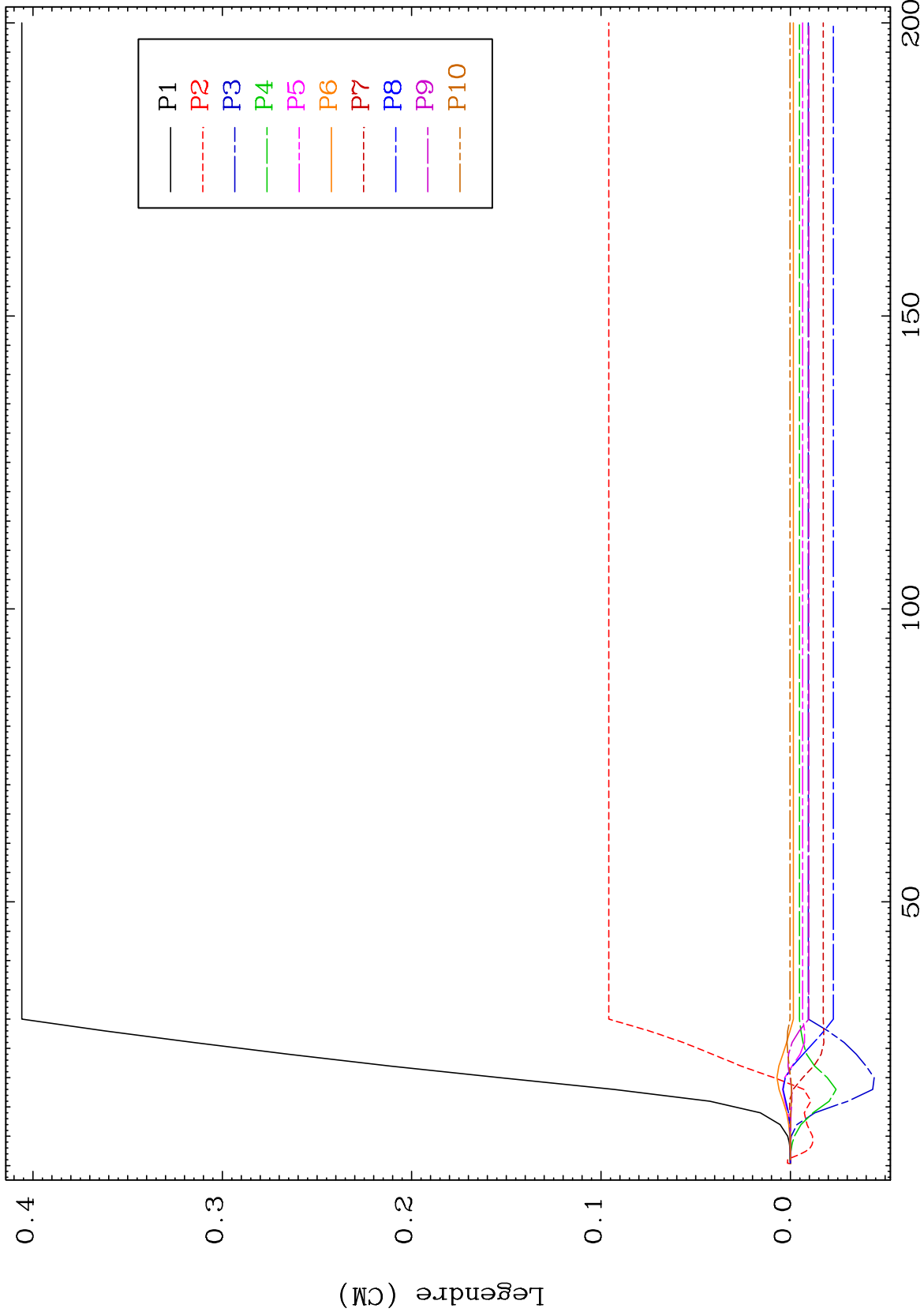


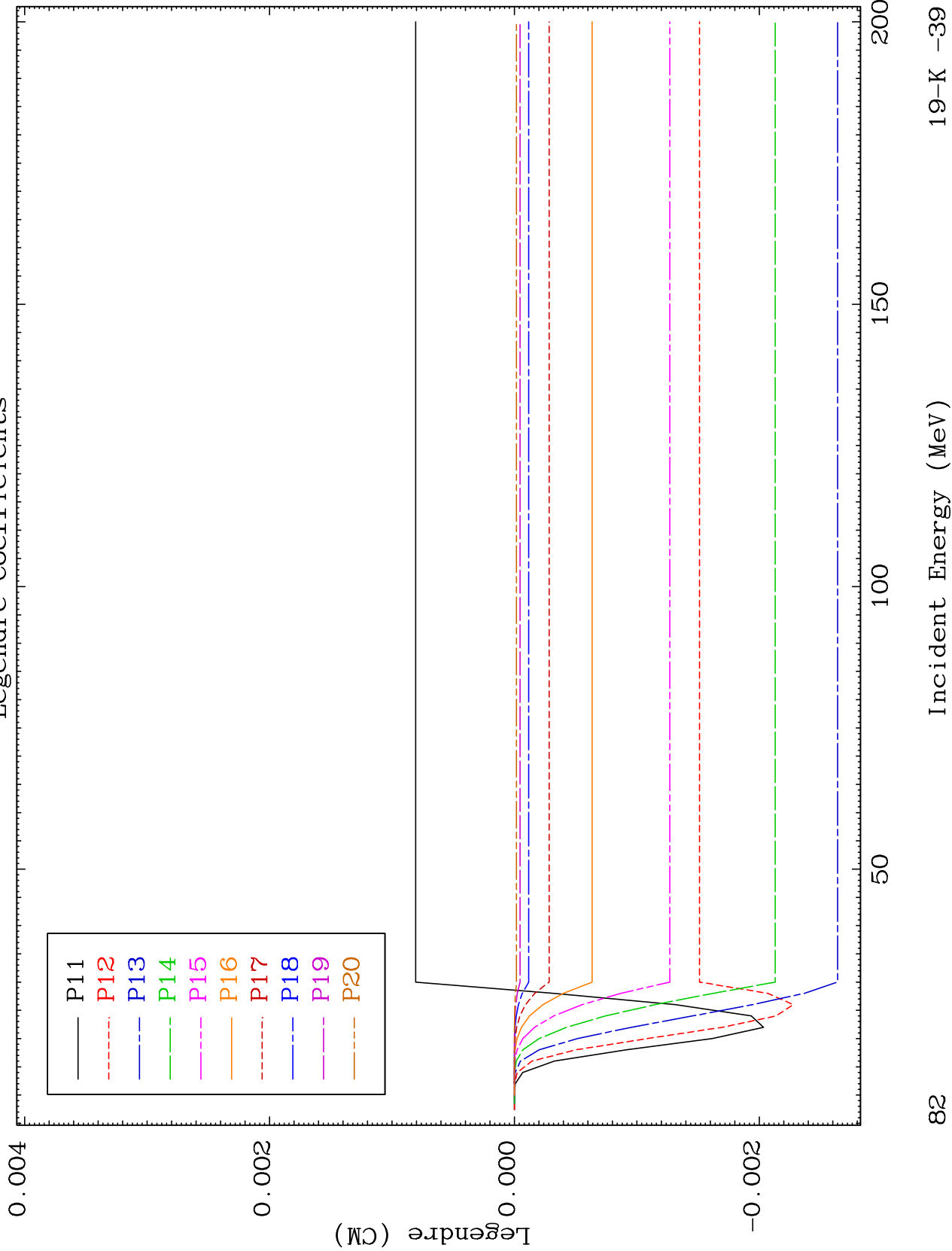
79

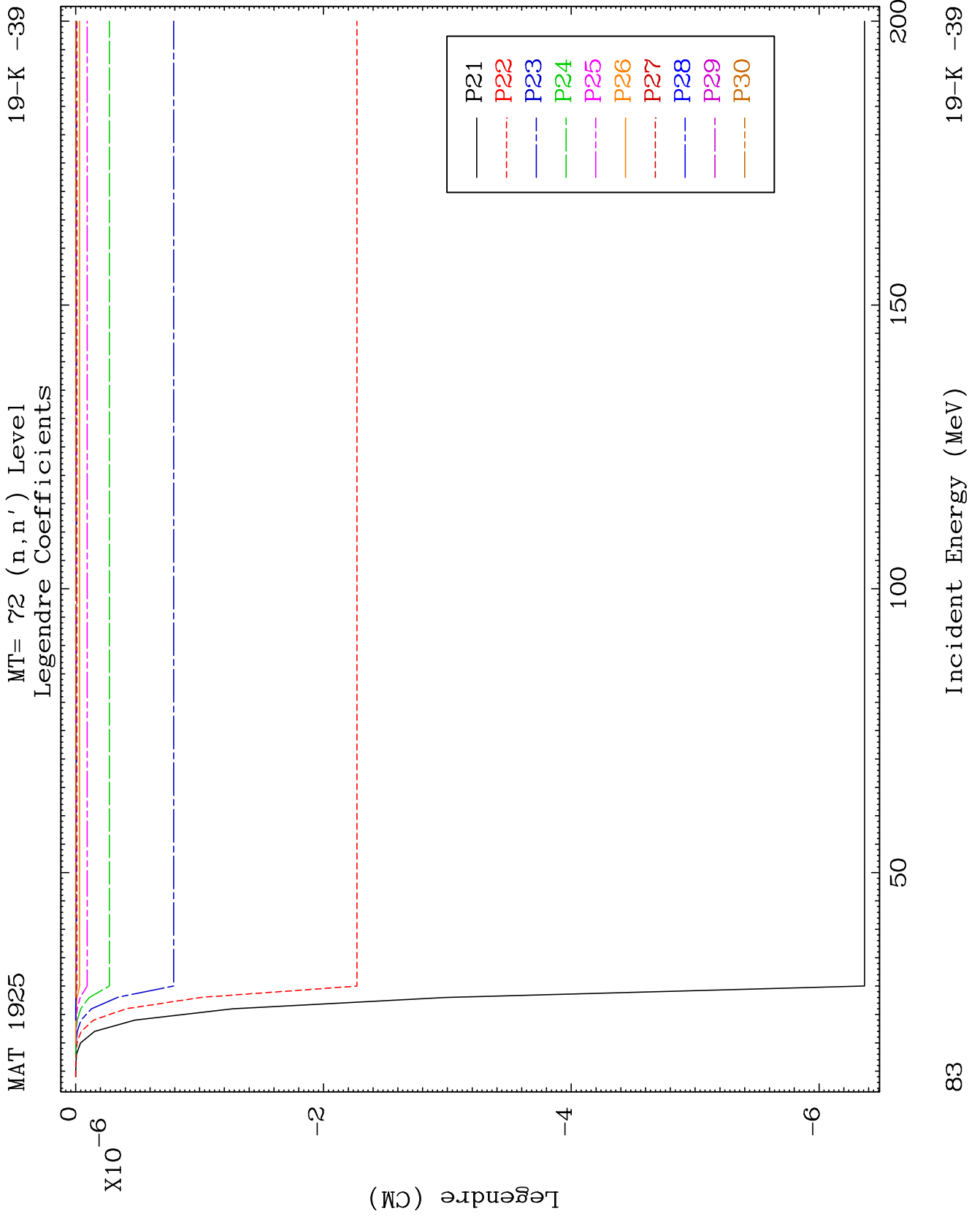
Incident Energy (MeV)

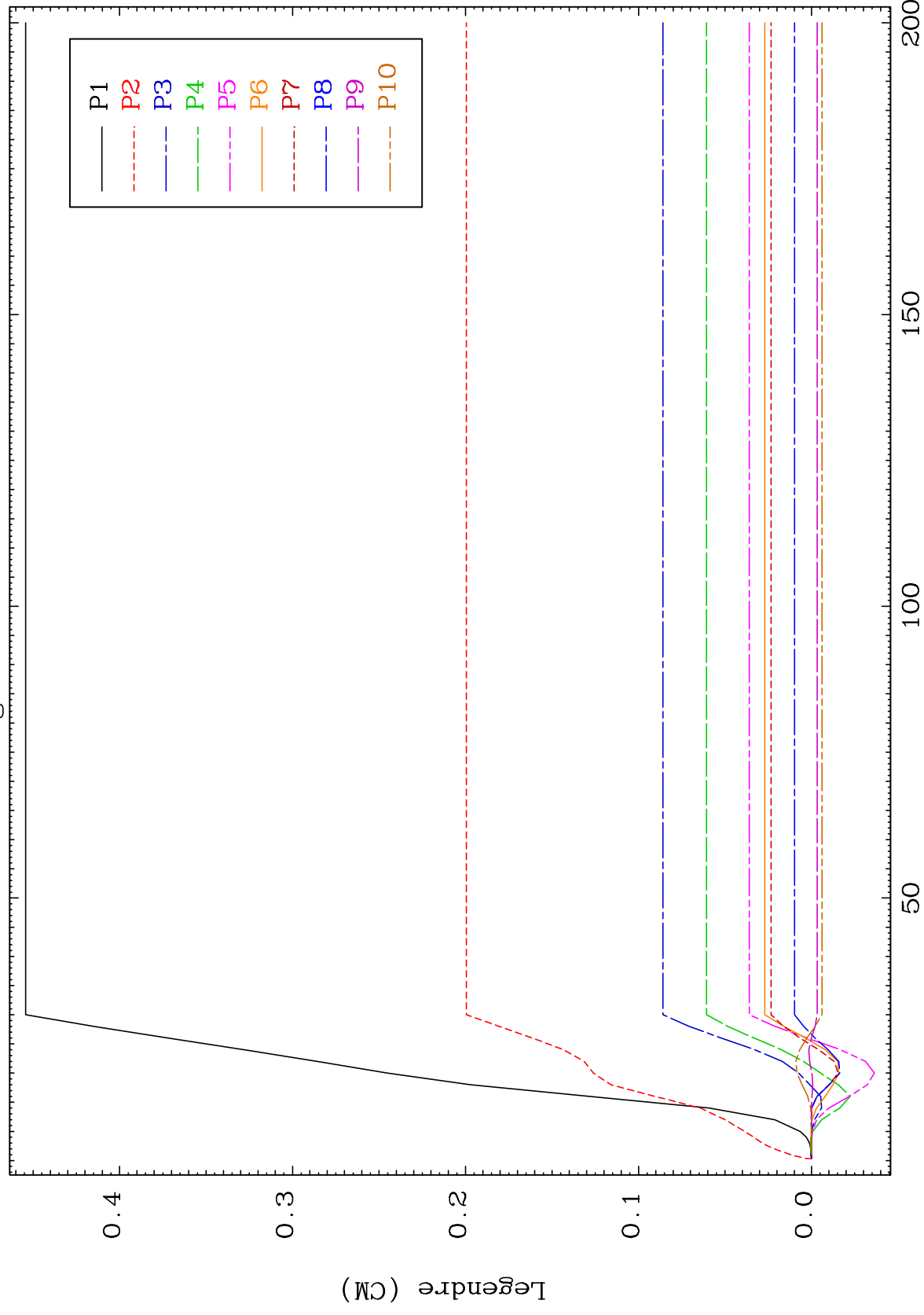
19-K -39







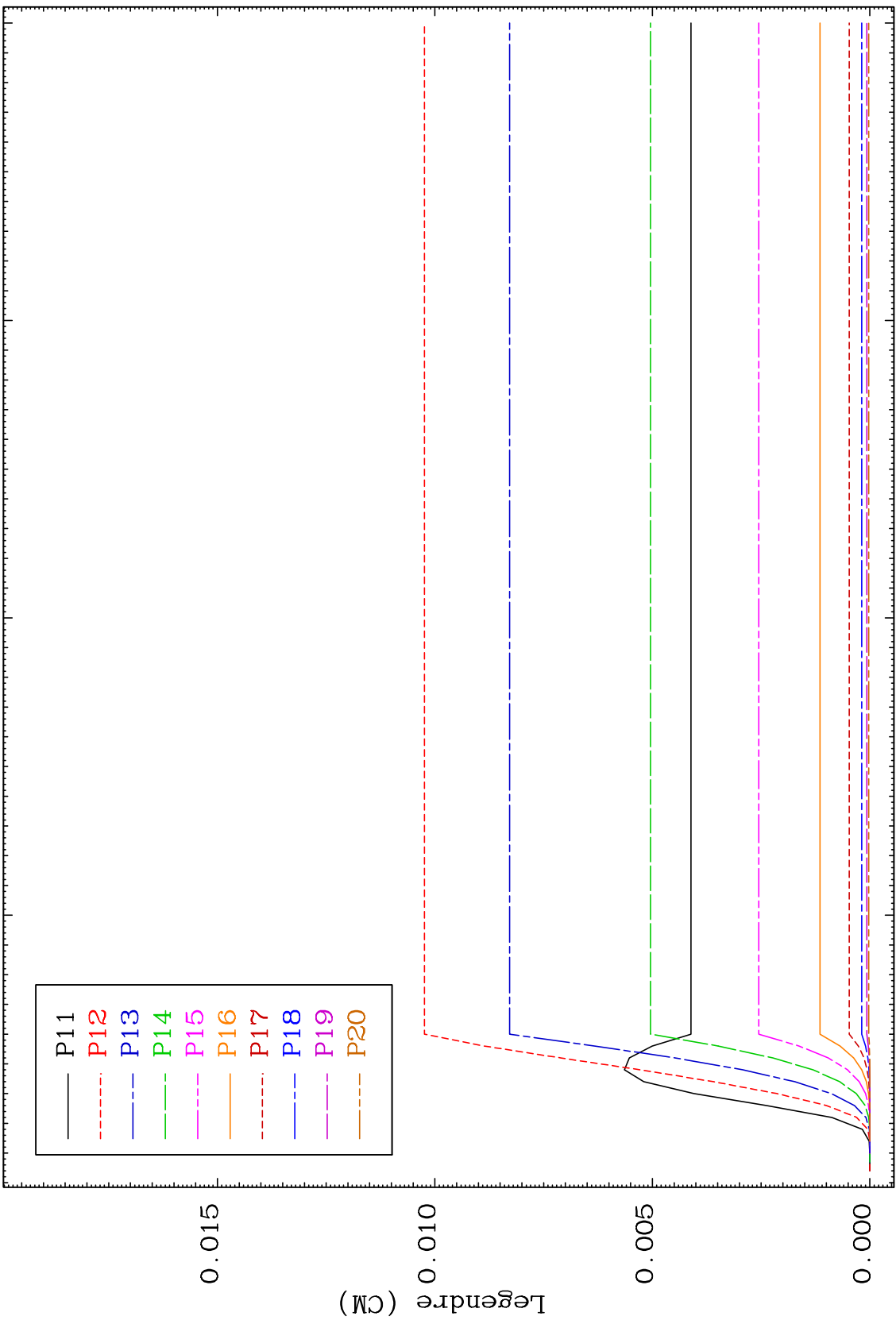




MAT 1925

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

19-K -39



200

150

100

50

85

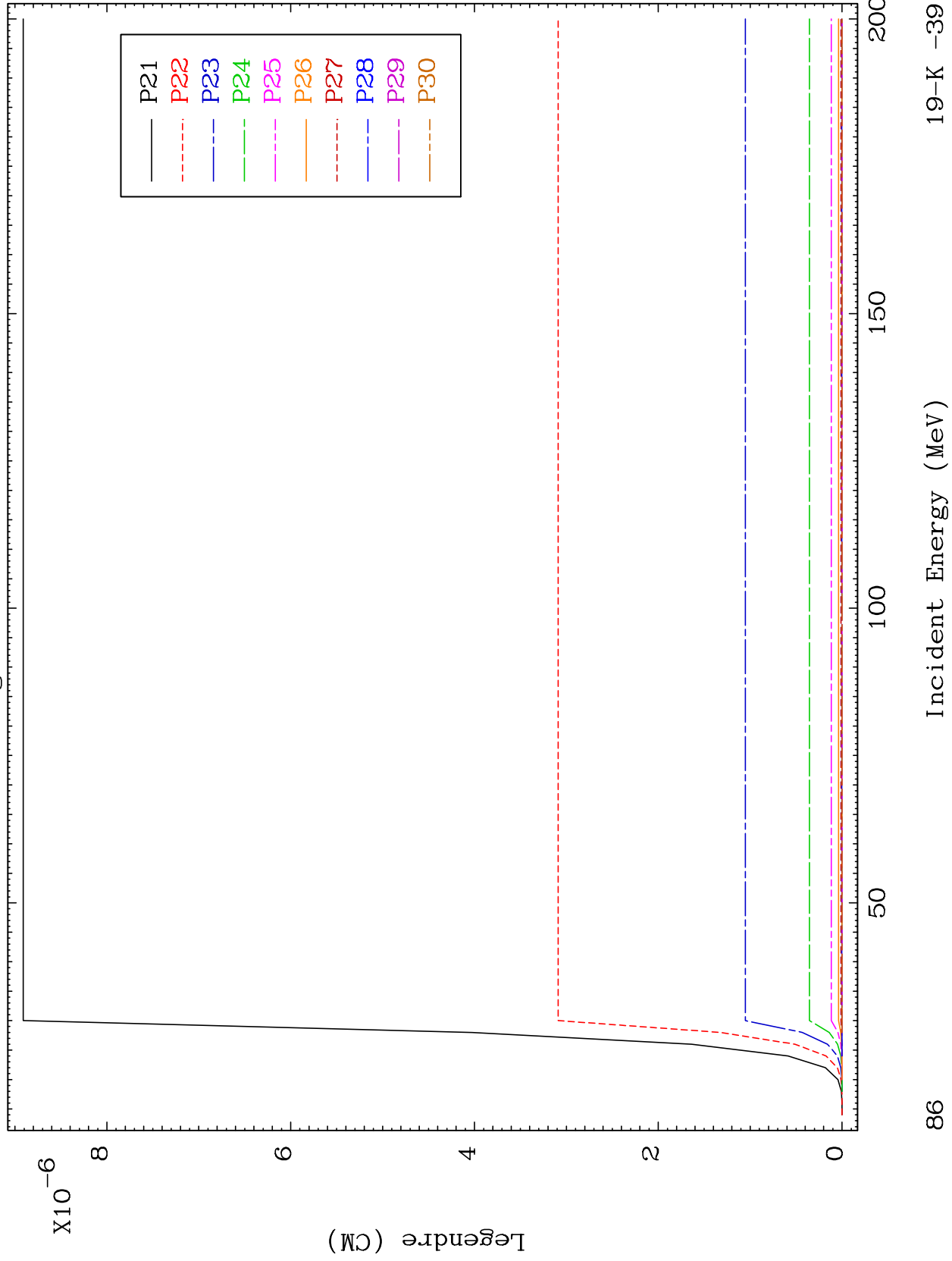
Incident Energy (MeV)

19-K -39

MAT 1925

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

19-K -39



86

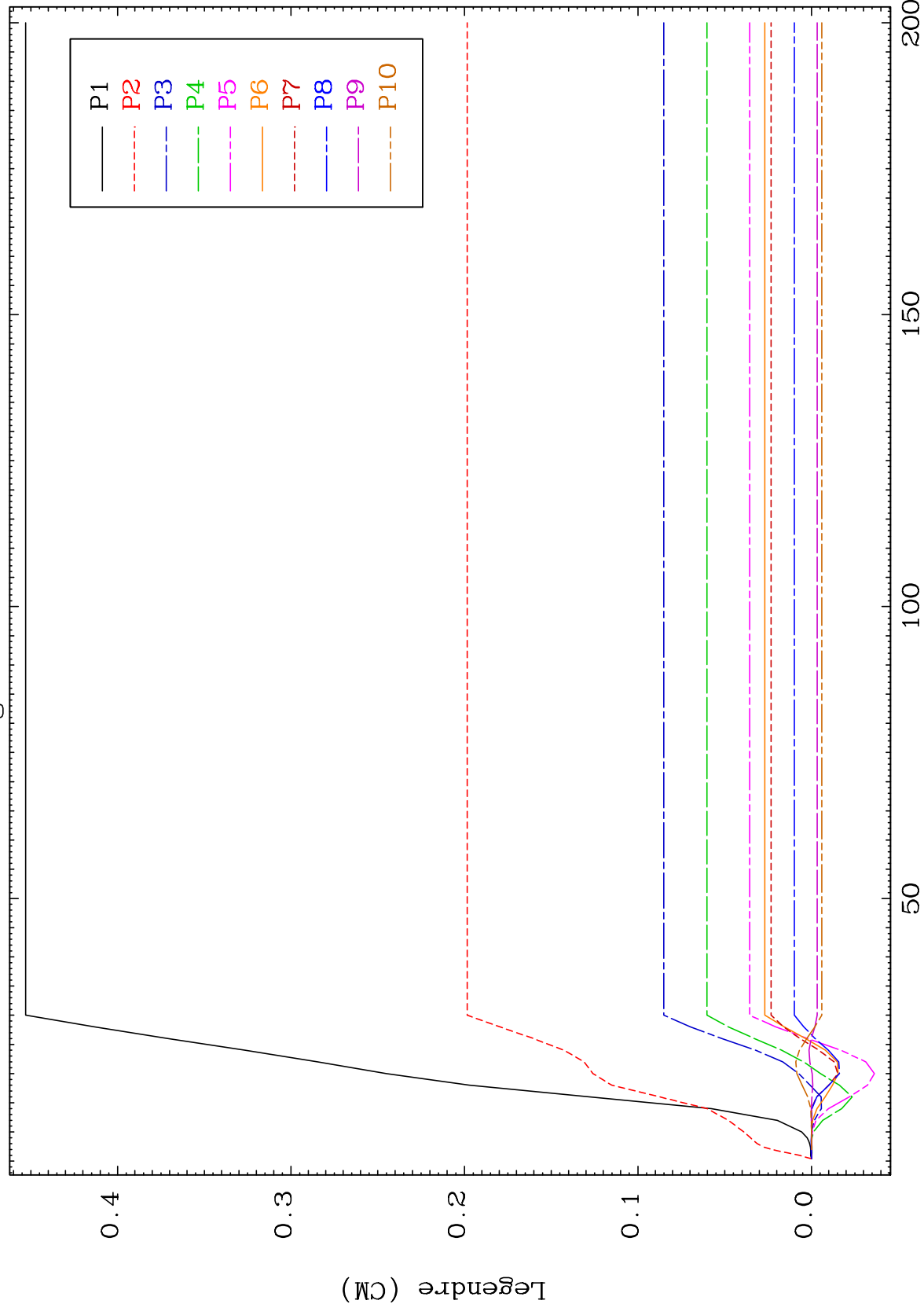
Incident Energy (MeV)

19-K -39

MAT 1925

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

19-K -39



90

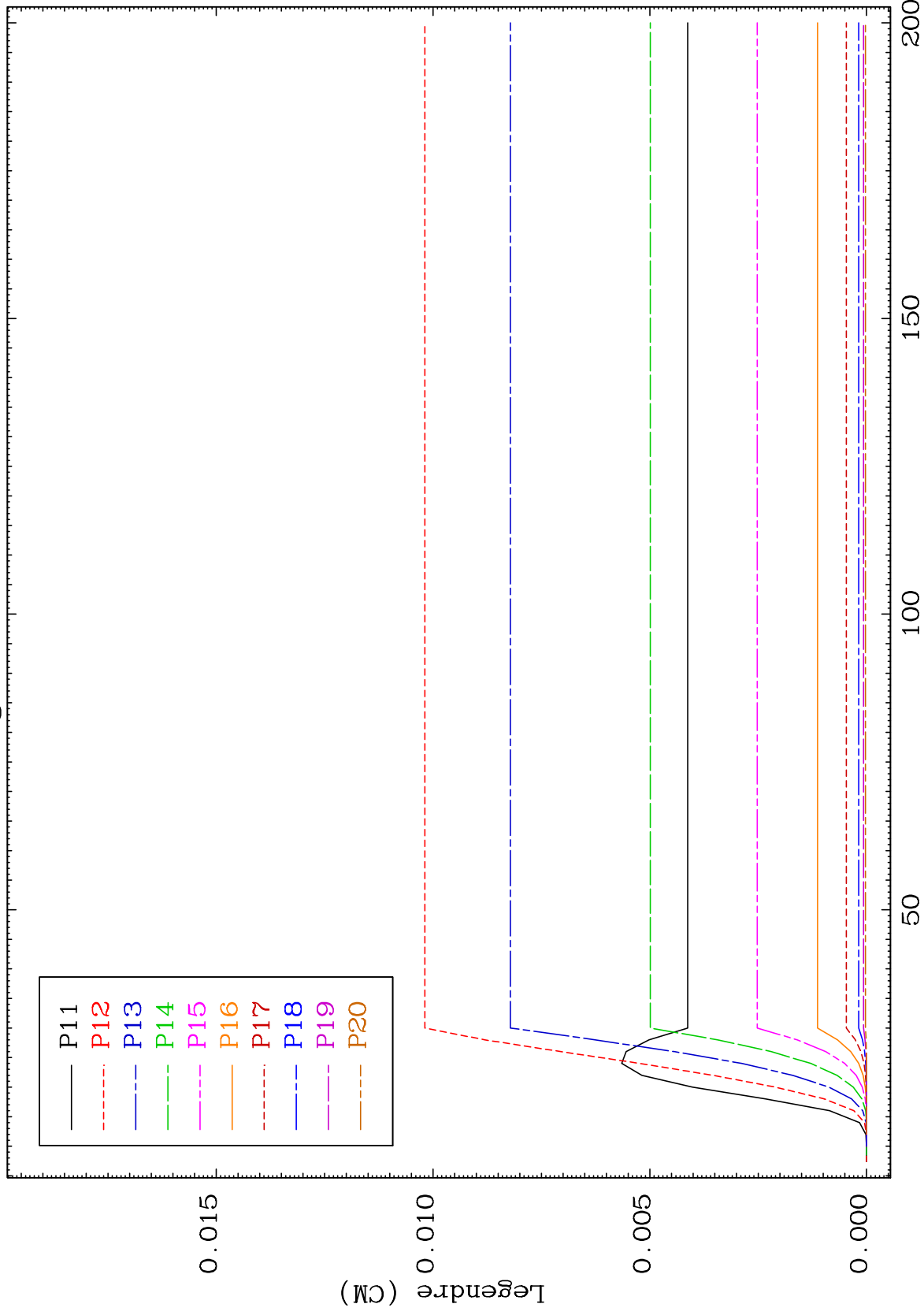
Incident Energy (MeV)

19-K -39

MAT 1925

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

19-K -39



91

Incident Energy (MeV)

19-K -39

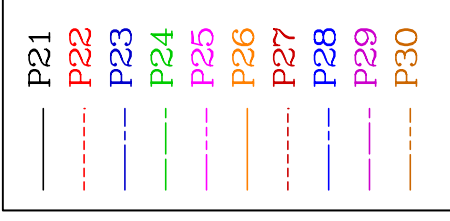
MAT 1925

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

19-K -39

$\times 10^{-6}$

Legendre (CM)



8 6 4 2 0 50 100 150 200

92

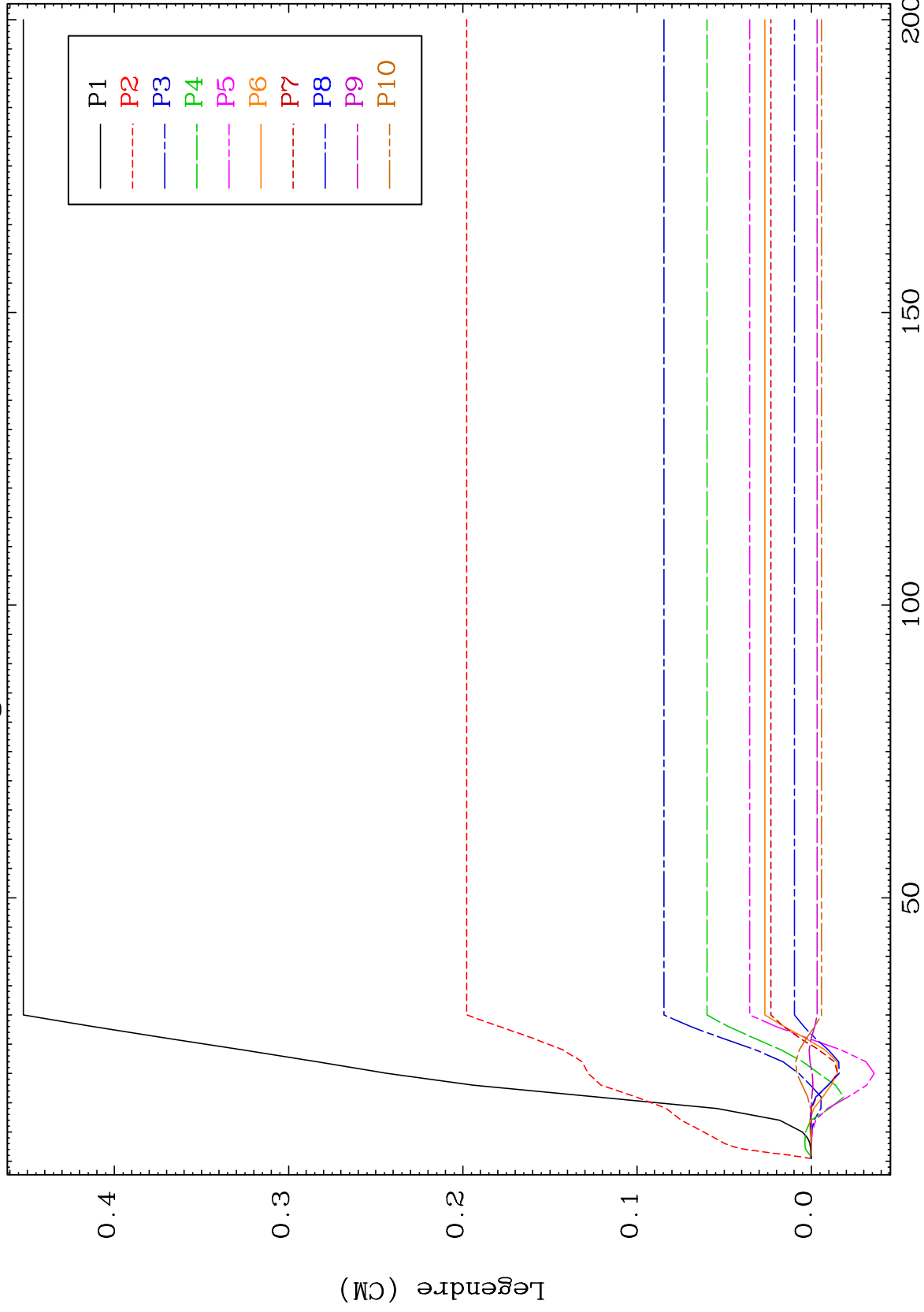
Incident Energy (MeV)

19-K -39

MAT 1925

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

19-K -39



93

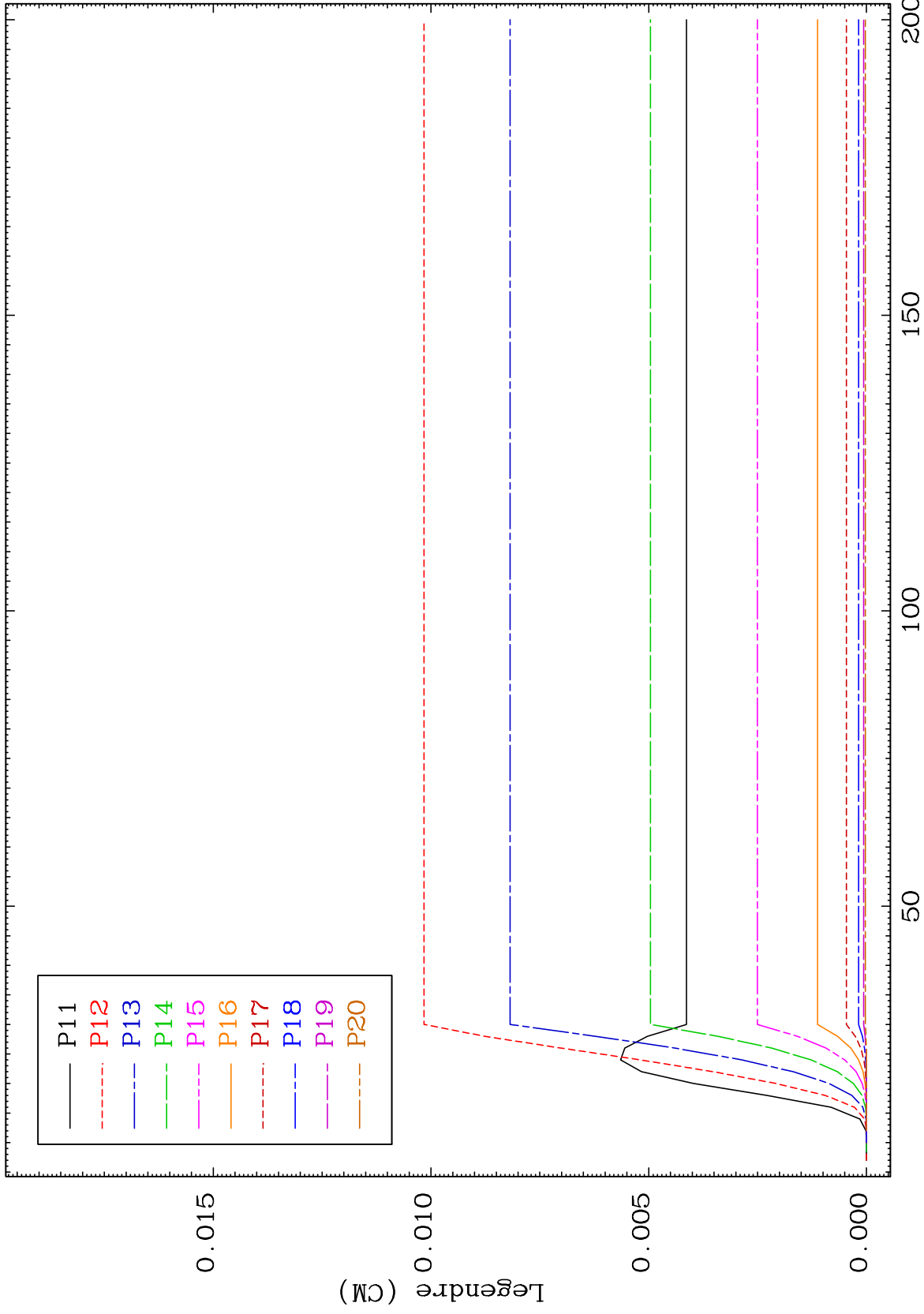
Incident Energy (MeV)

19-K -39

MAT 1925

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

19-K -39



94

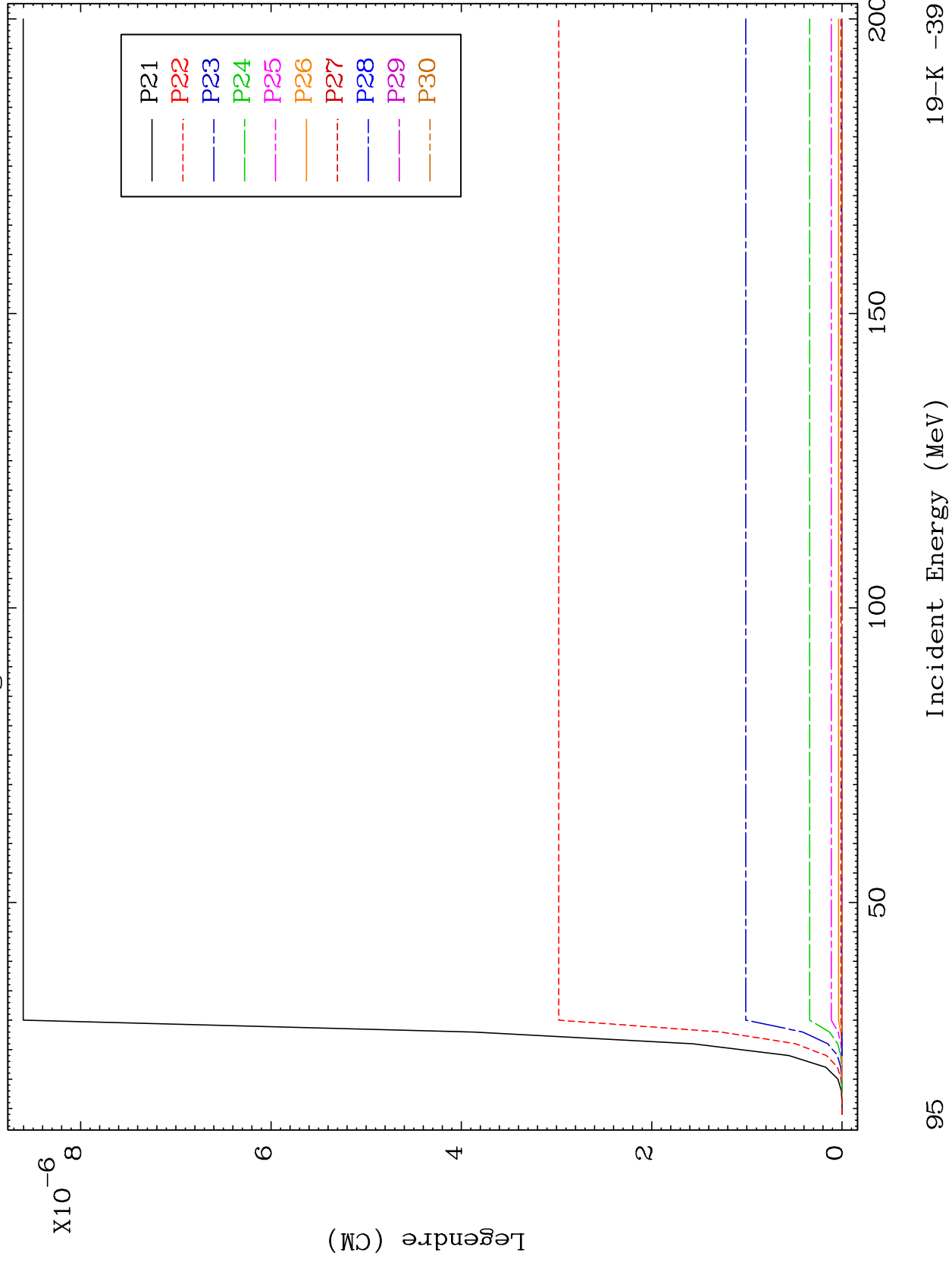
Incident Energy (MeV)

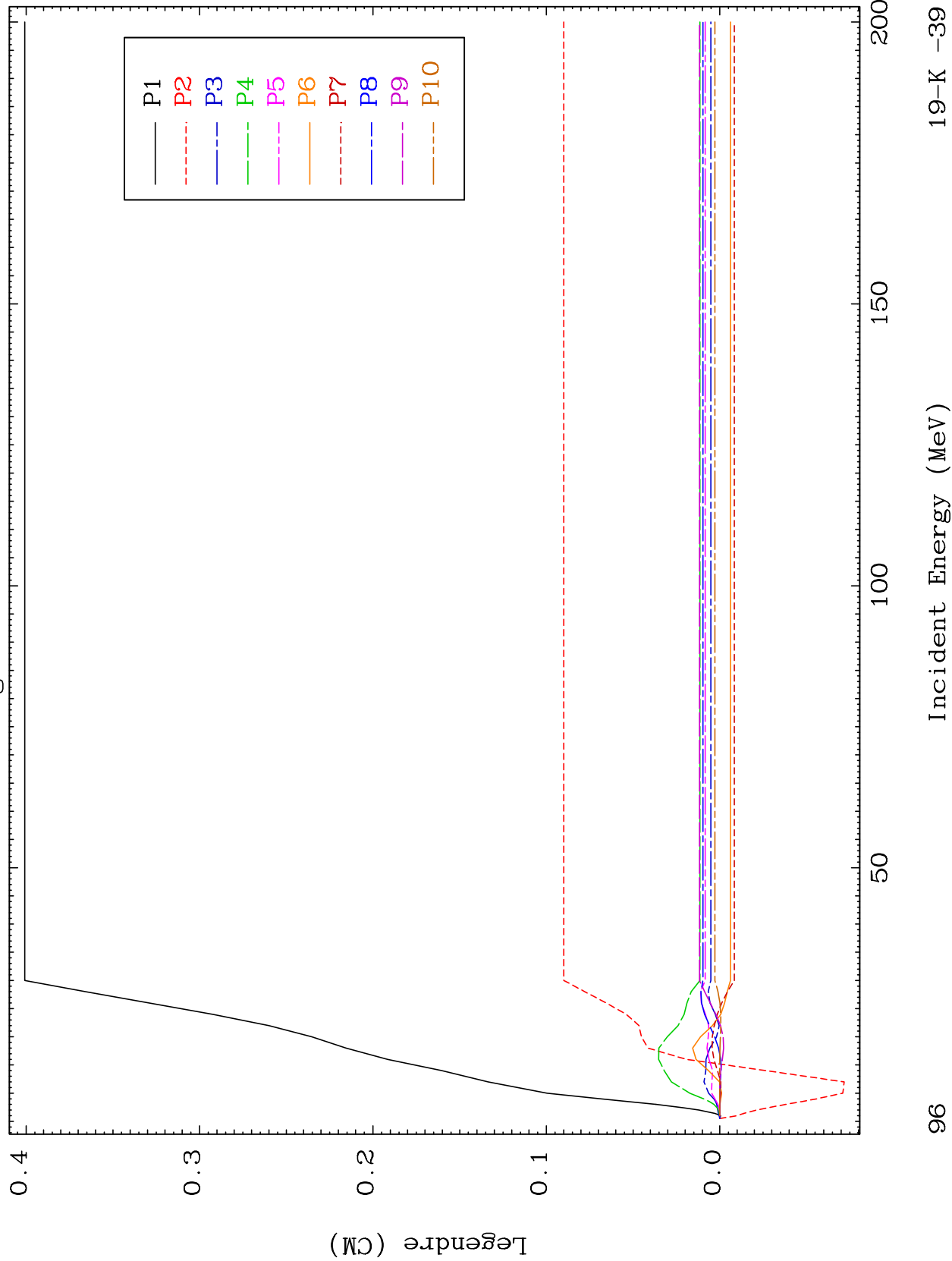
19-K -39

MAT 1925

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

19-K -39

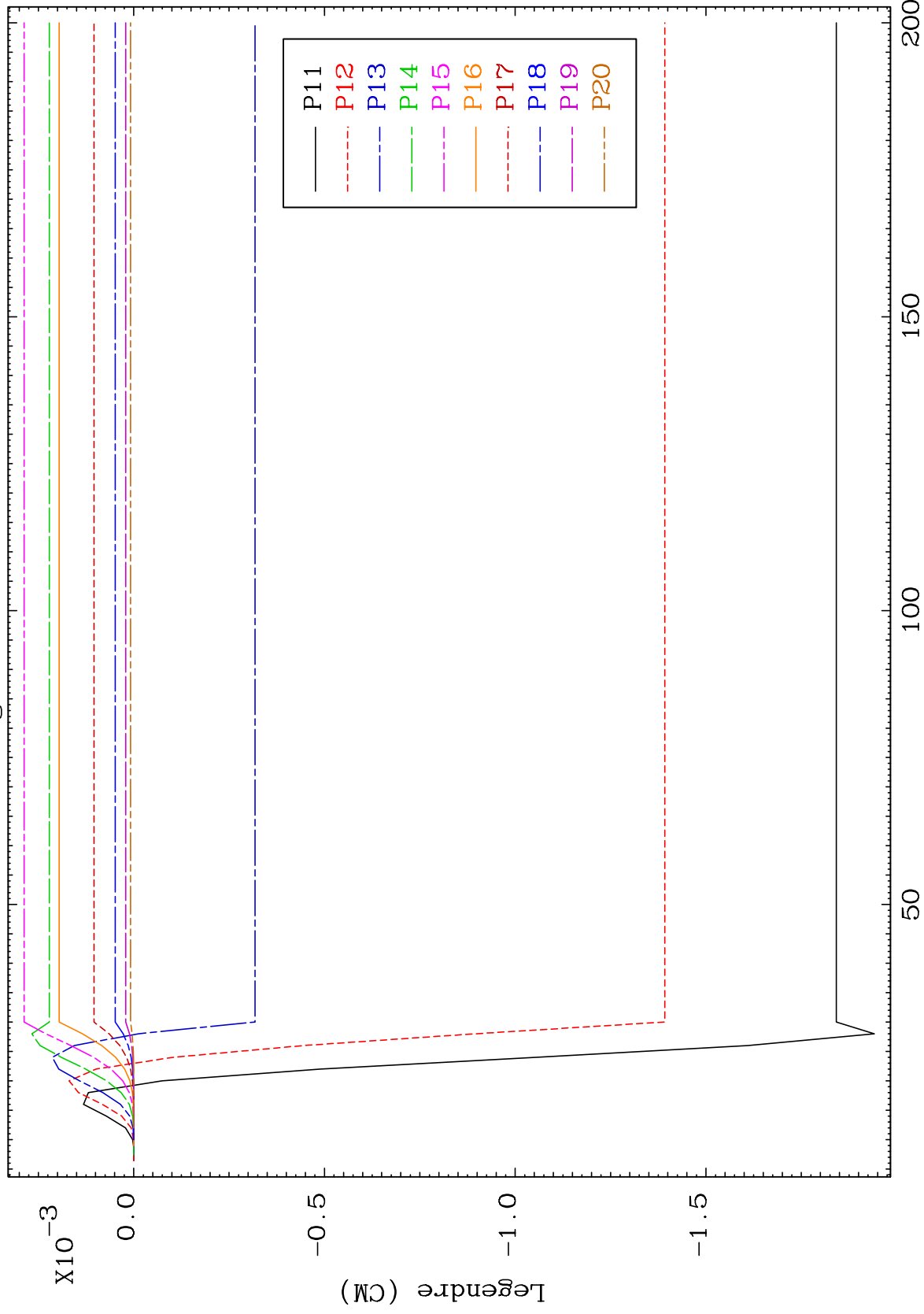




MAT 1925

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

19-K -39



97

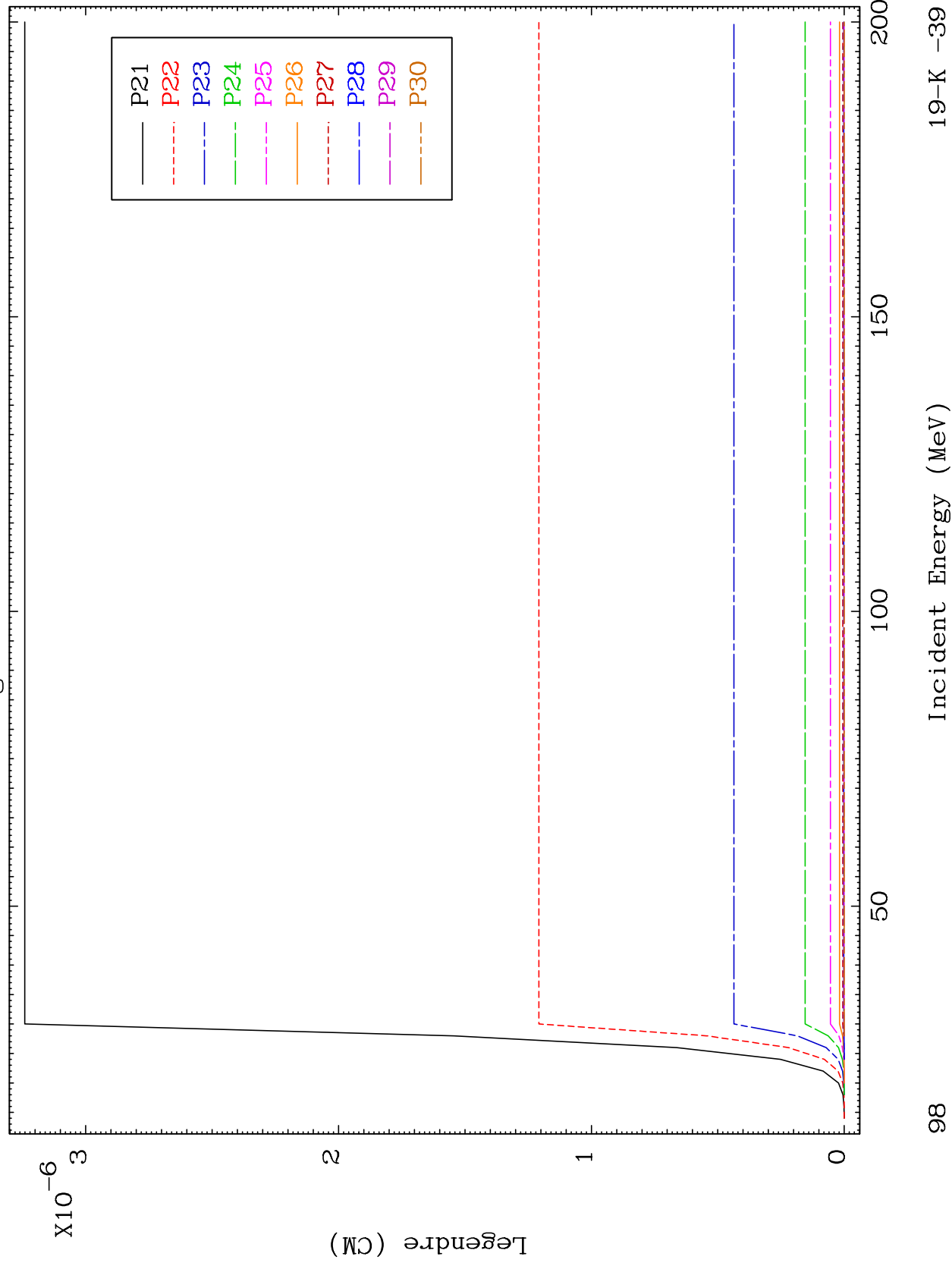
Incident Energy (MeV)

19-K -39

MAT 1925

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

19-K -39

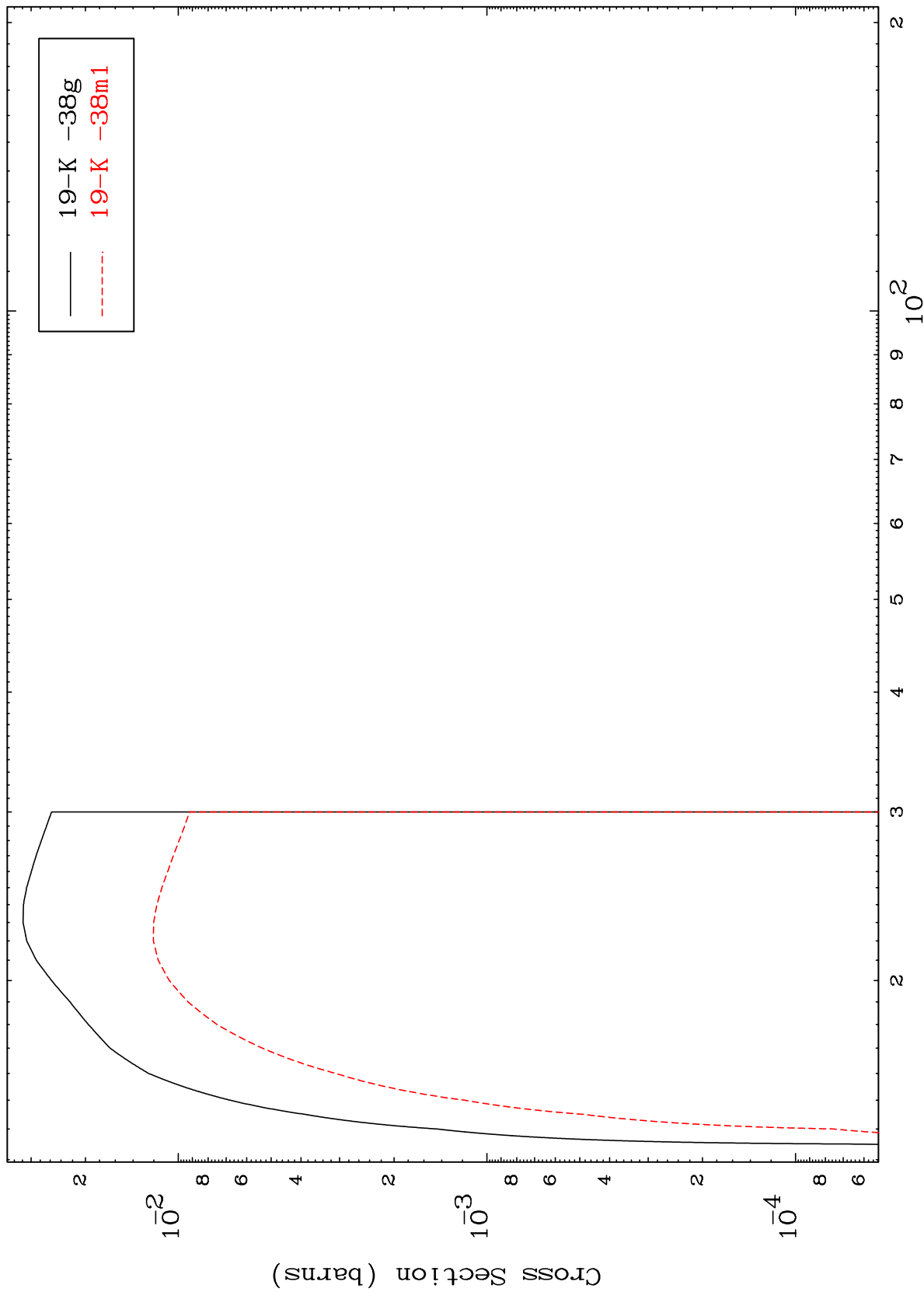


MAT 1925

19-K -39

(n,2n)

Radionuclide Production Cross Section



99

Incident Energy (MeV)

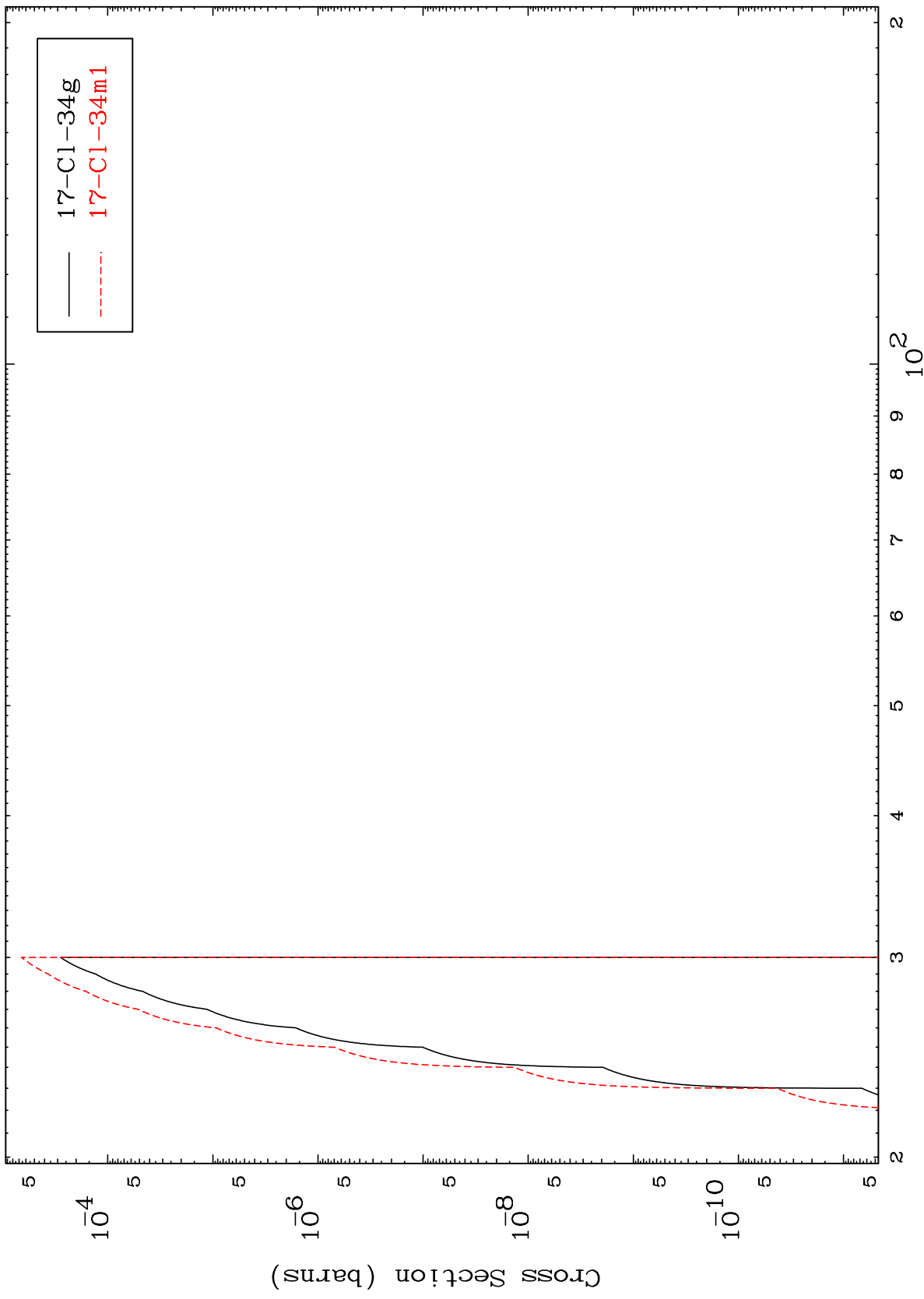
19-K -39

MAT 1925

$(n,2n) \alpha$

19-K -39

Radionuclide Production Cross Section



100

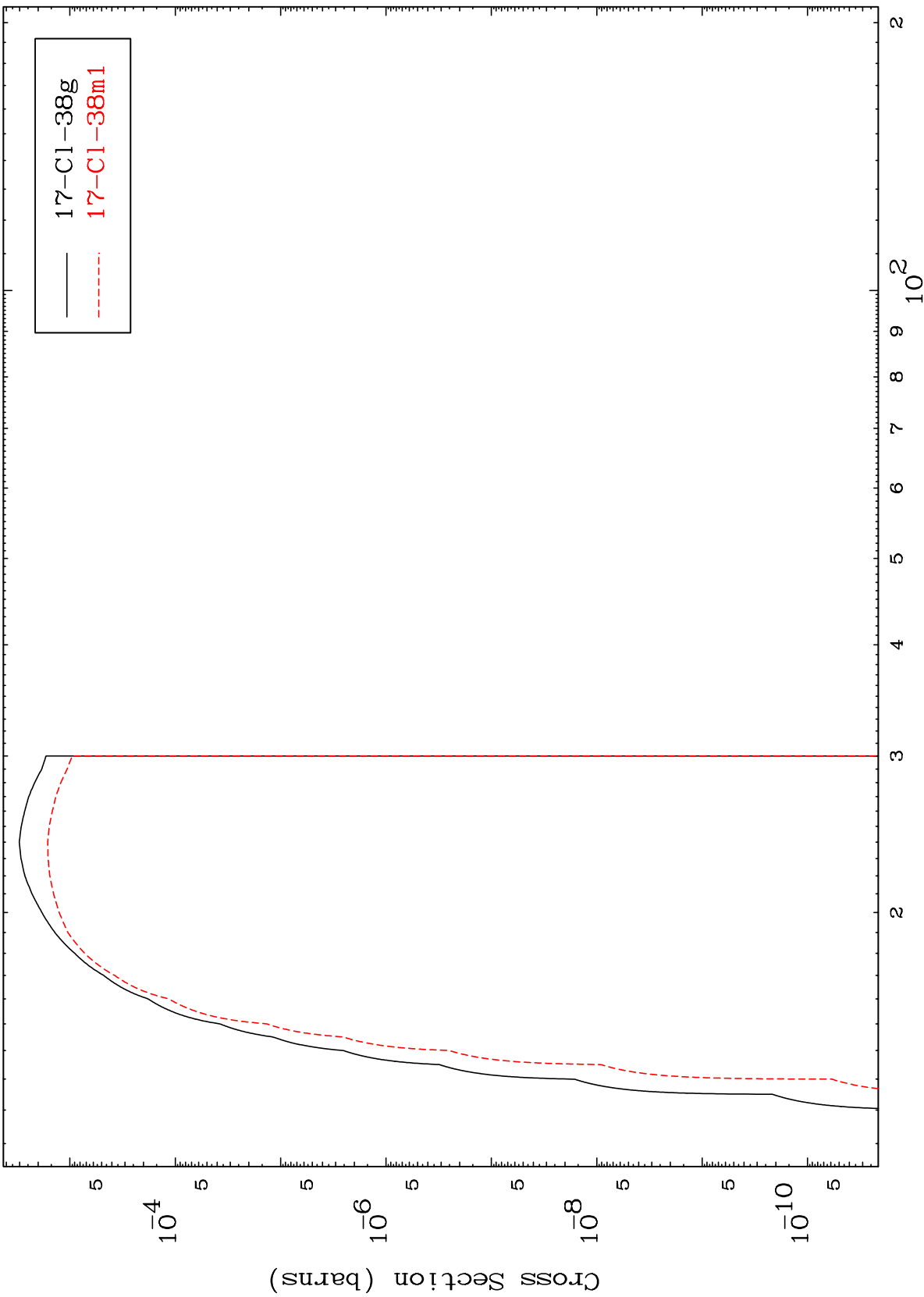
Incident Energy (MeV)

19-K -39

MAT 1925

19-K -39

(n,2p)
Radionuclide Production Cross Section



101

Incident Energy (MeV)

19-K -39