

Program EVALPLOT
(Version 2017-1)

by

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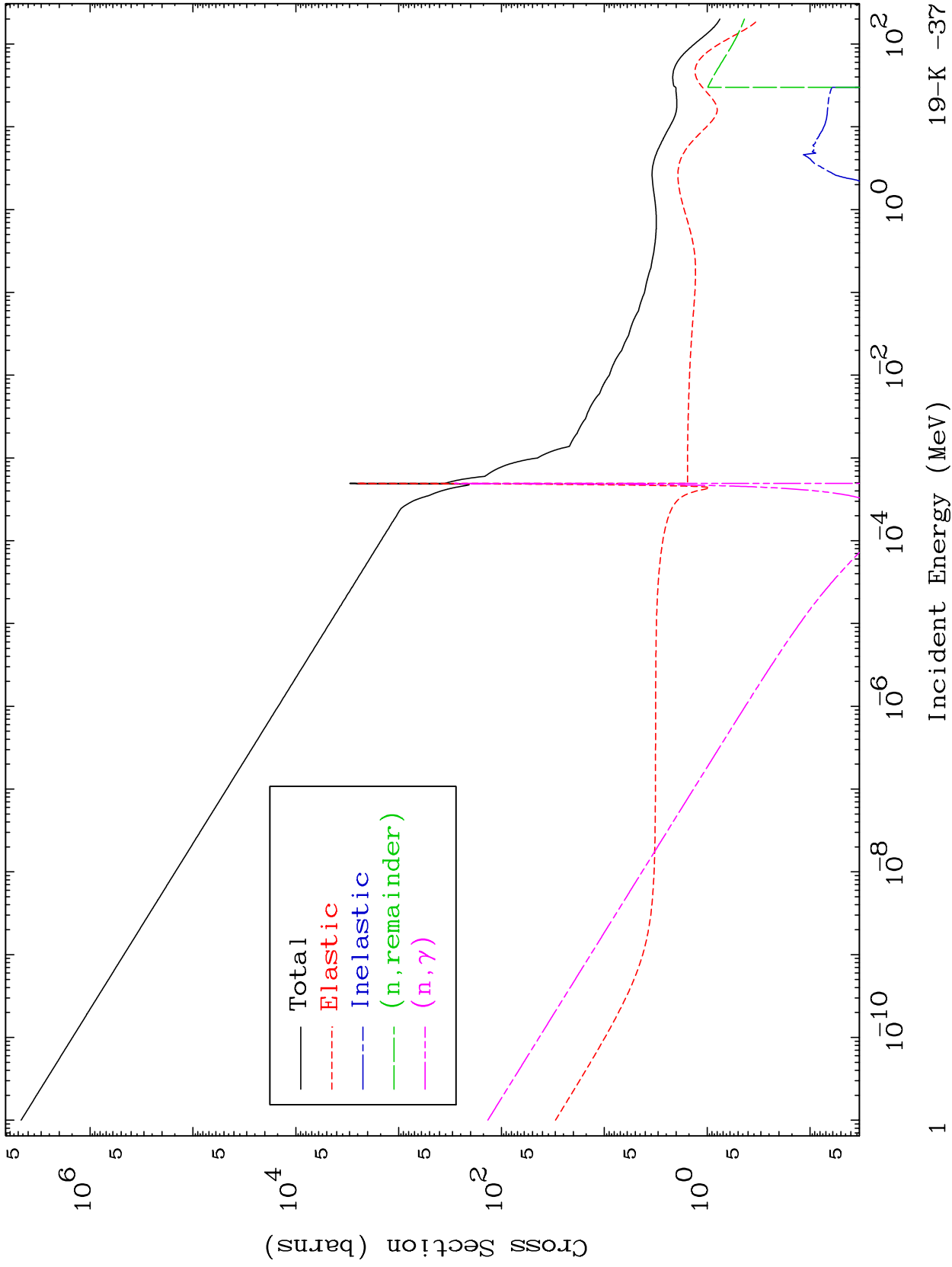
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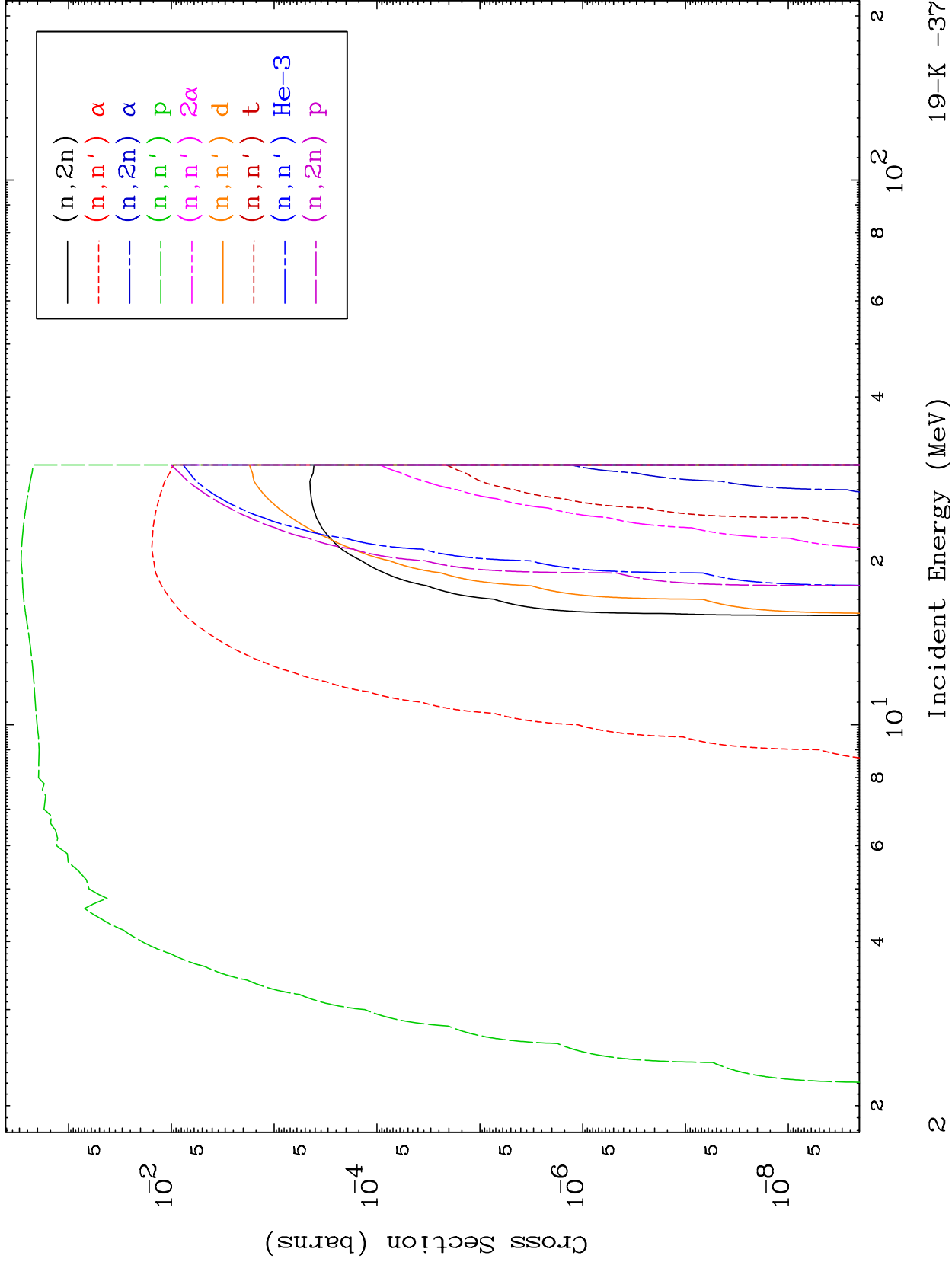
Press Mouse Button to Start

MAT 1919

Major
293 Kelvin Cross Sections

19-K -37

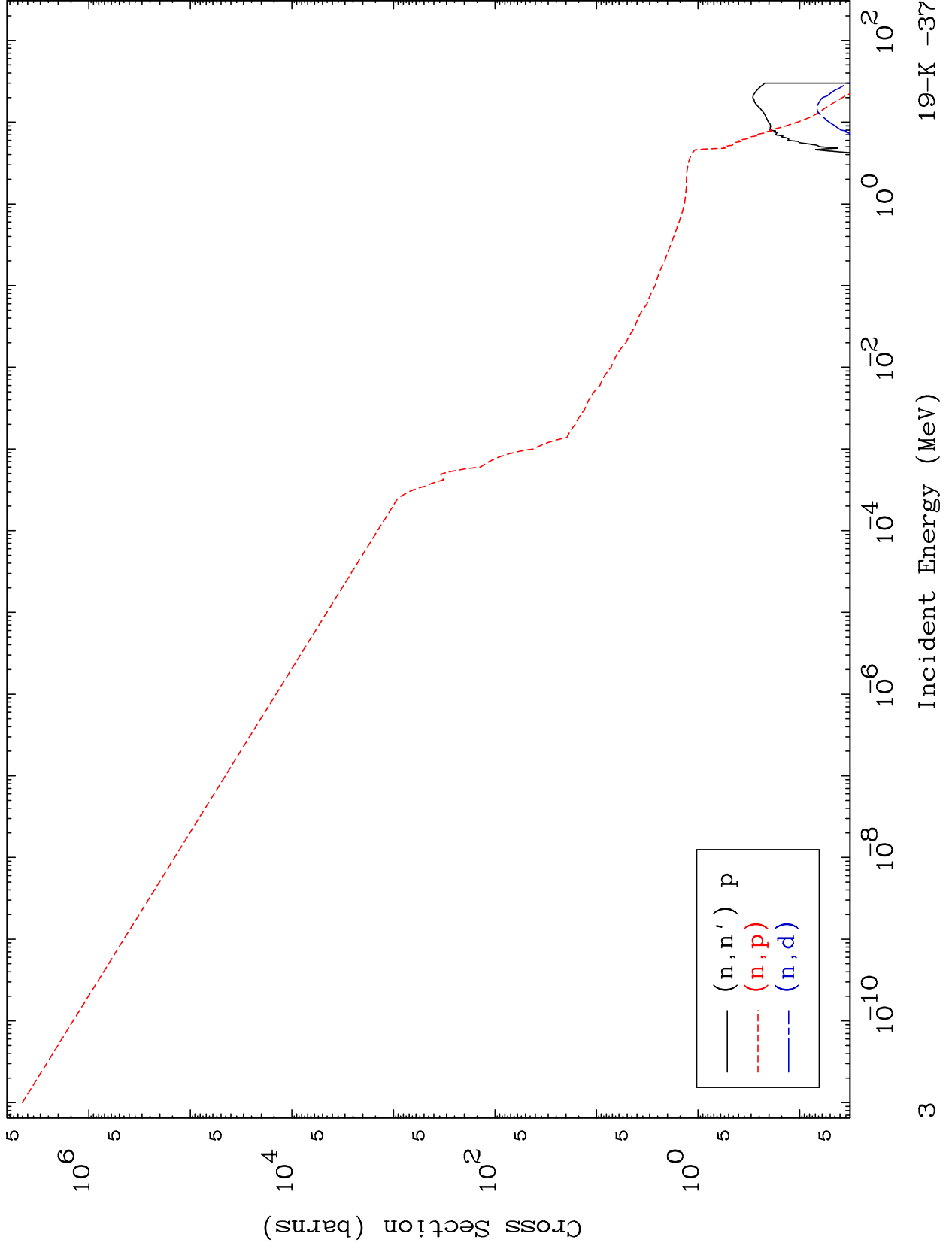




MAT 1919

Charged Particle
293 Kelvin Cross Sections

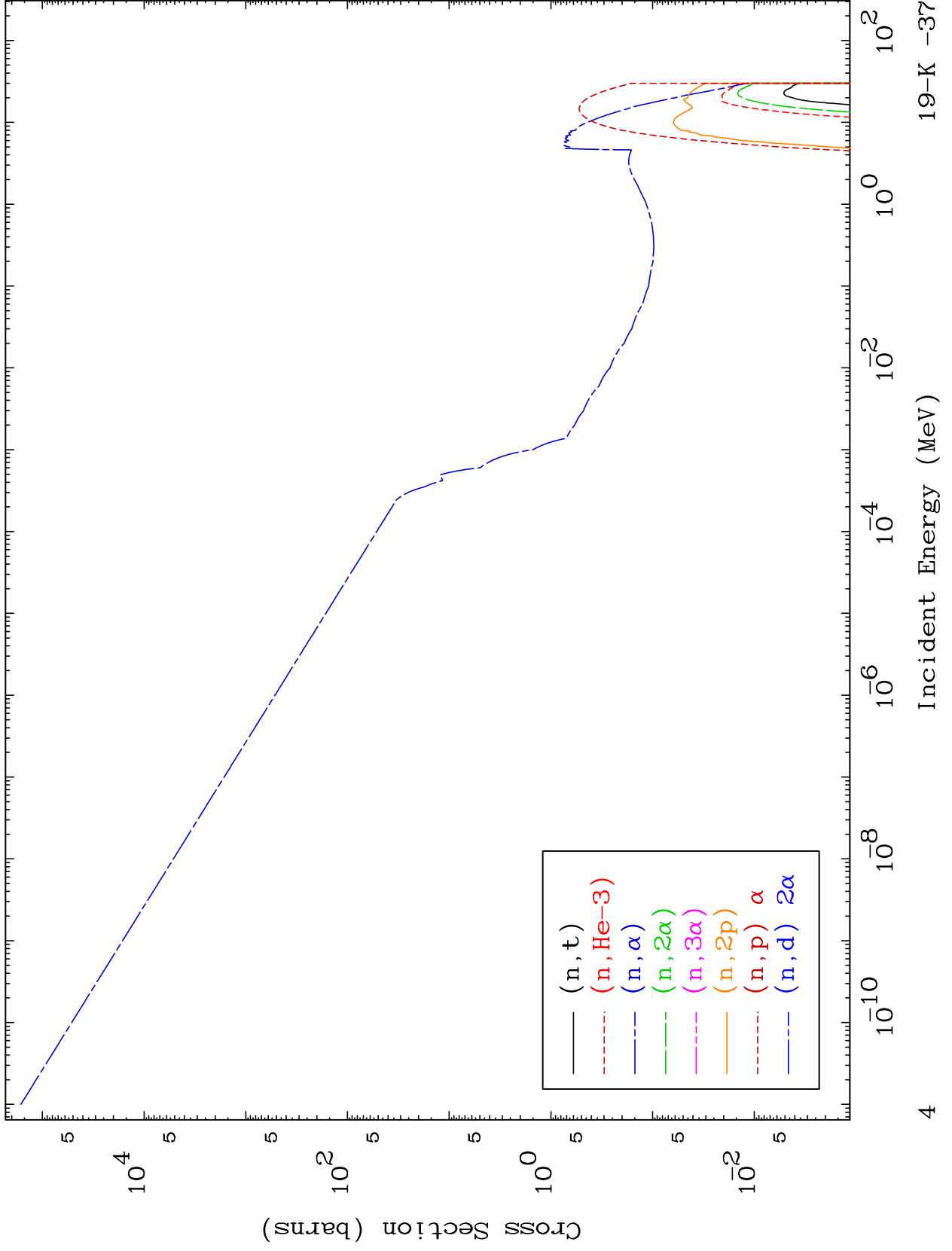
19-K -37



MAT 1919

Charged Particle
293 Kelvin Cross Sections

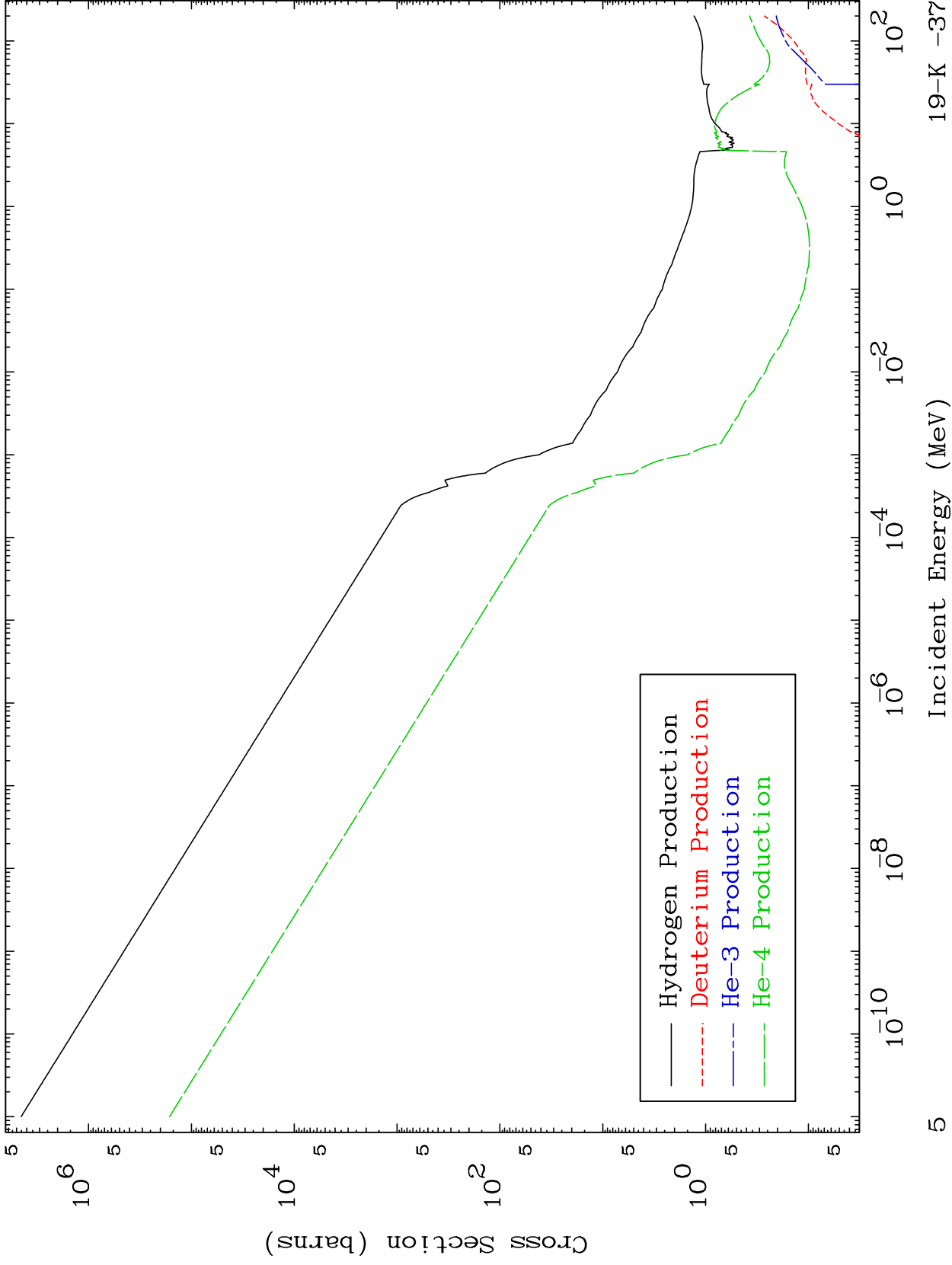
19-K -37



MAT 1919

Particle Production
293 Kelvin Cross Sections

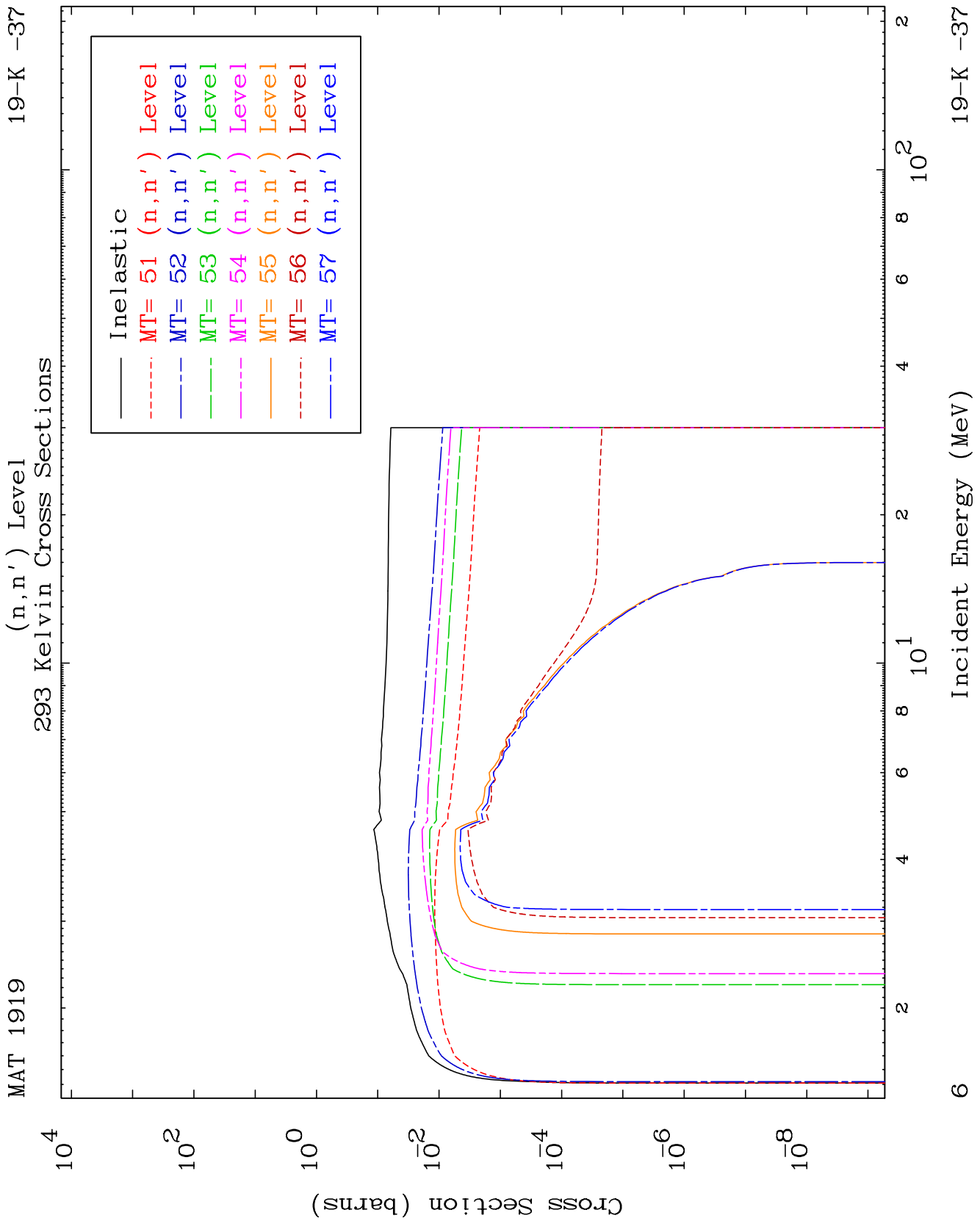
19-K -37



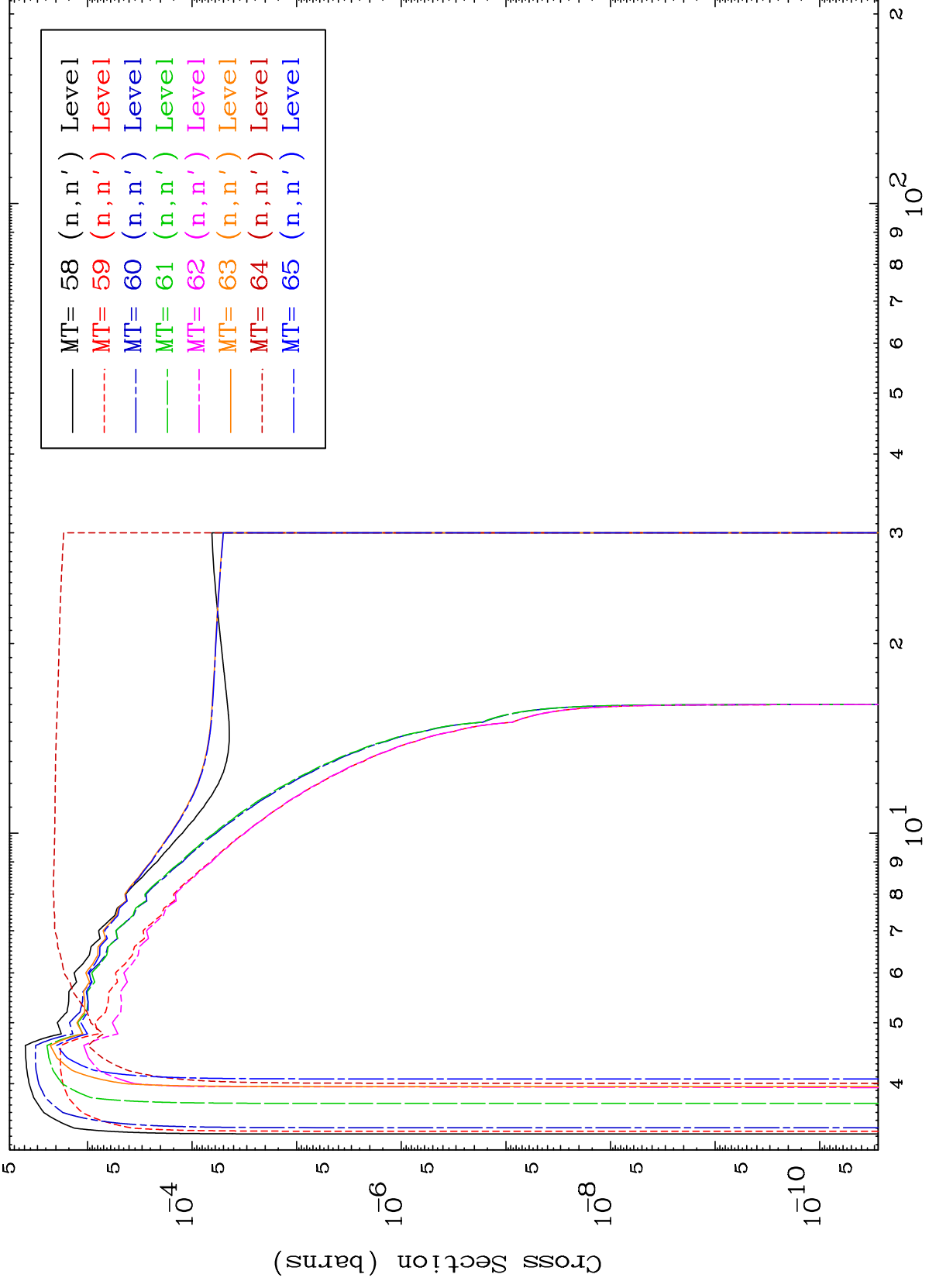
5

Incident Energy (MeV)

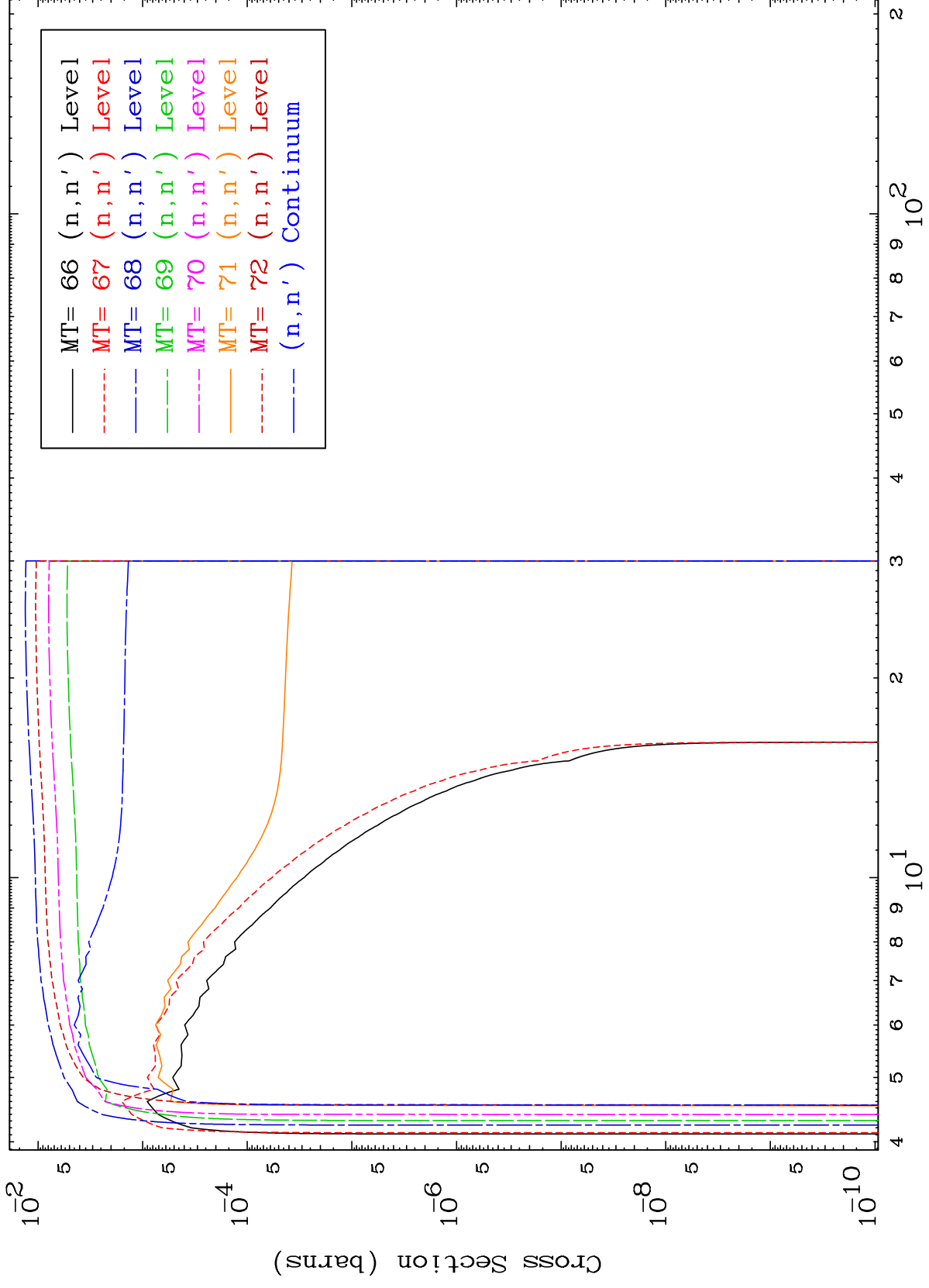
19-K -37



293 Kelvin Cross Sections



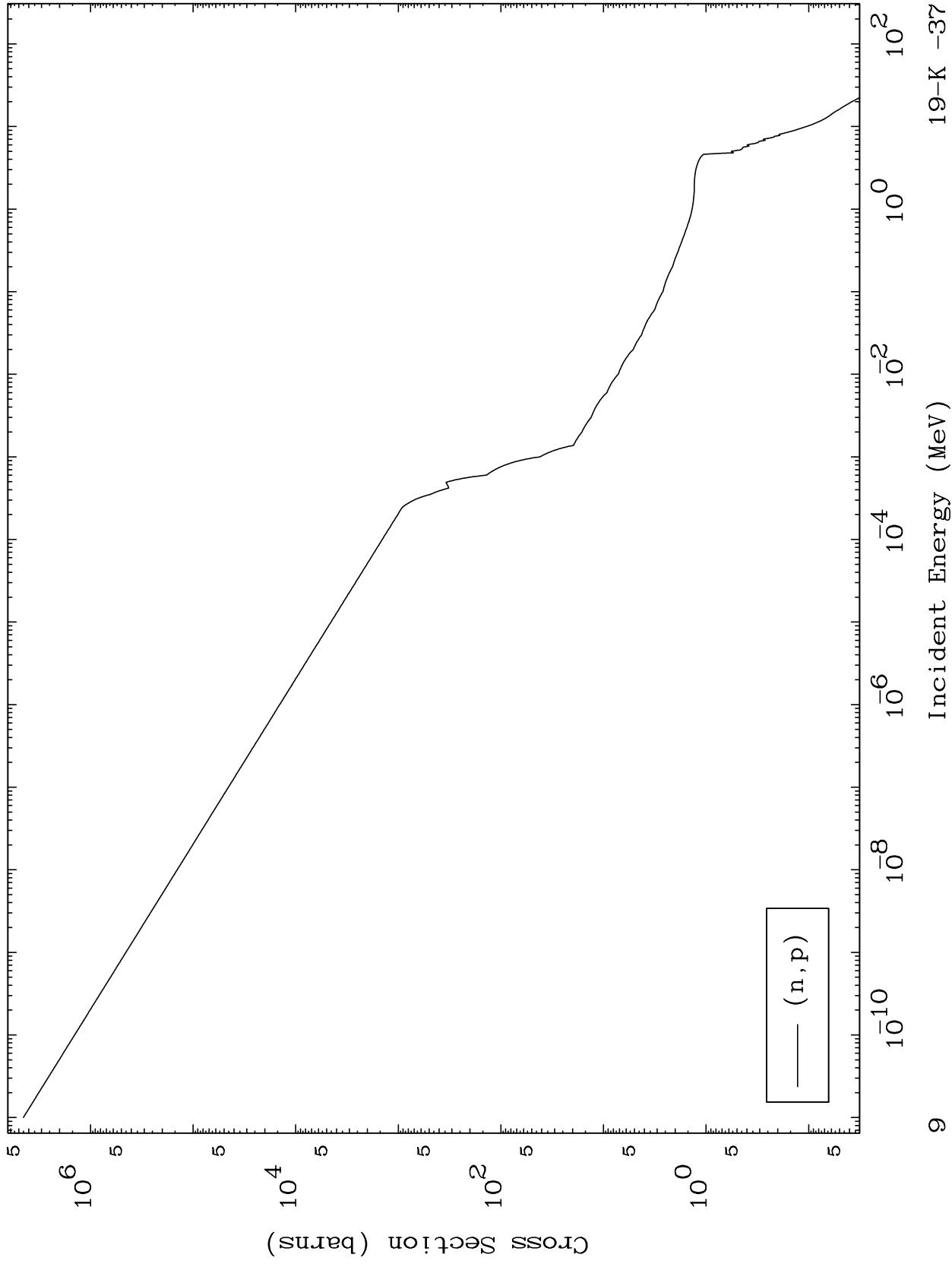
293 Kelvin Cross Sections



MAT 1919

(n,p) Levels
293 Kelvin Cross Sections

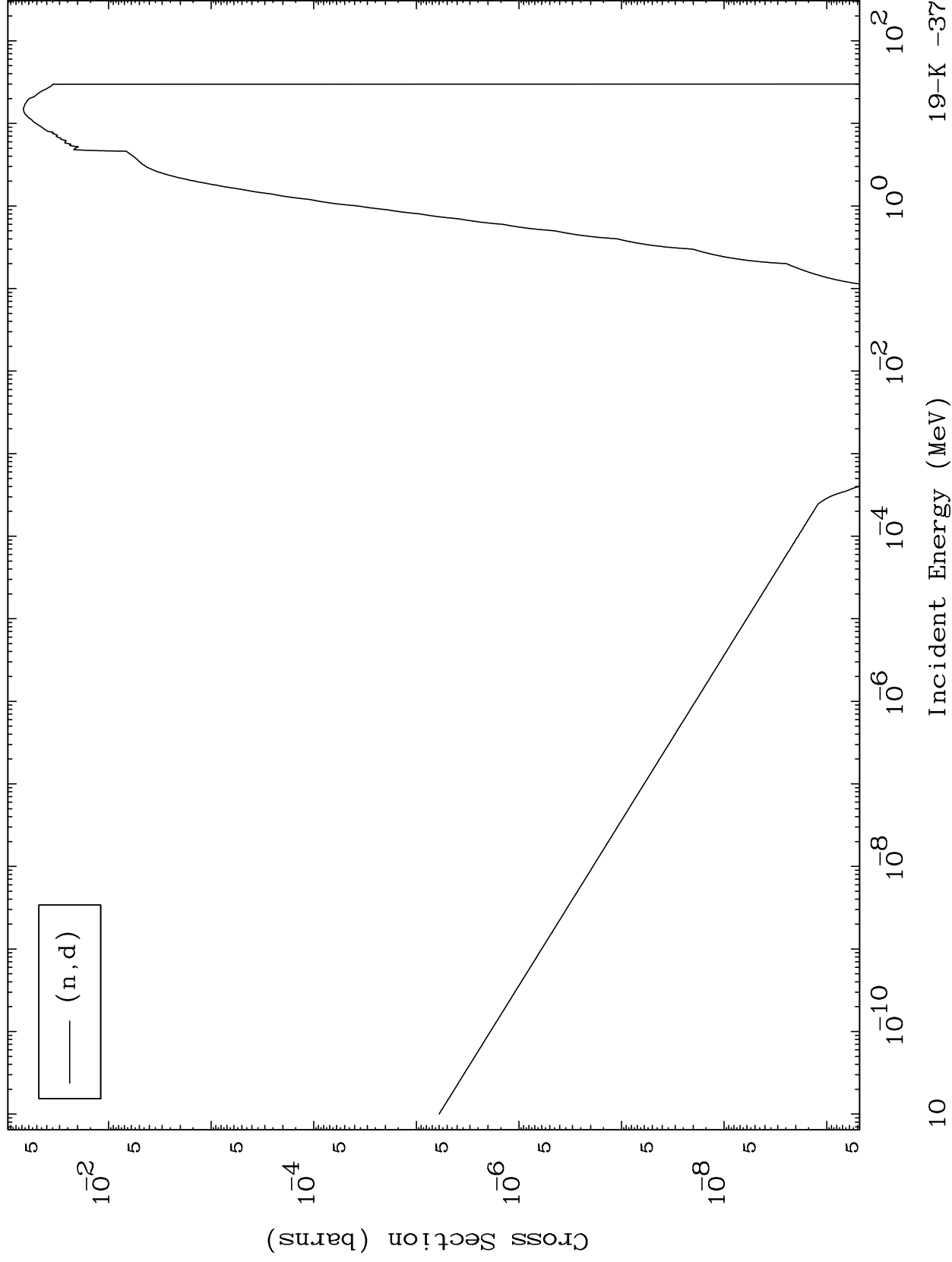
19-K -37



MAT 1919

(n,d) Levels
293 Kelvin Cross Sections

19-K -37



10

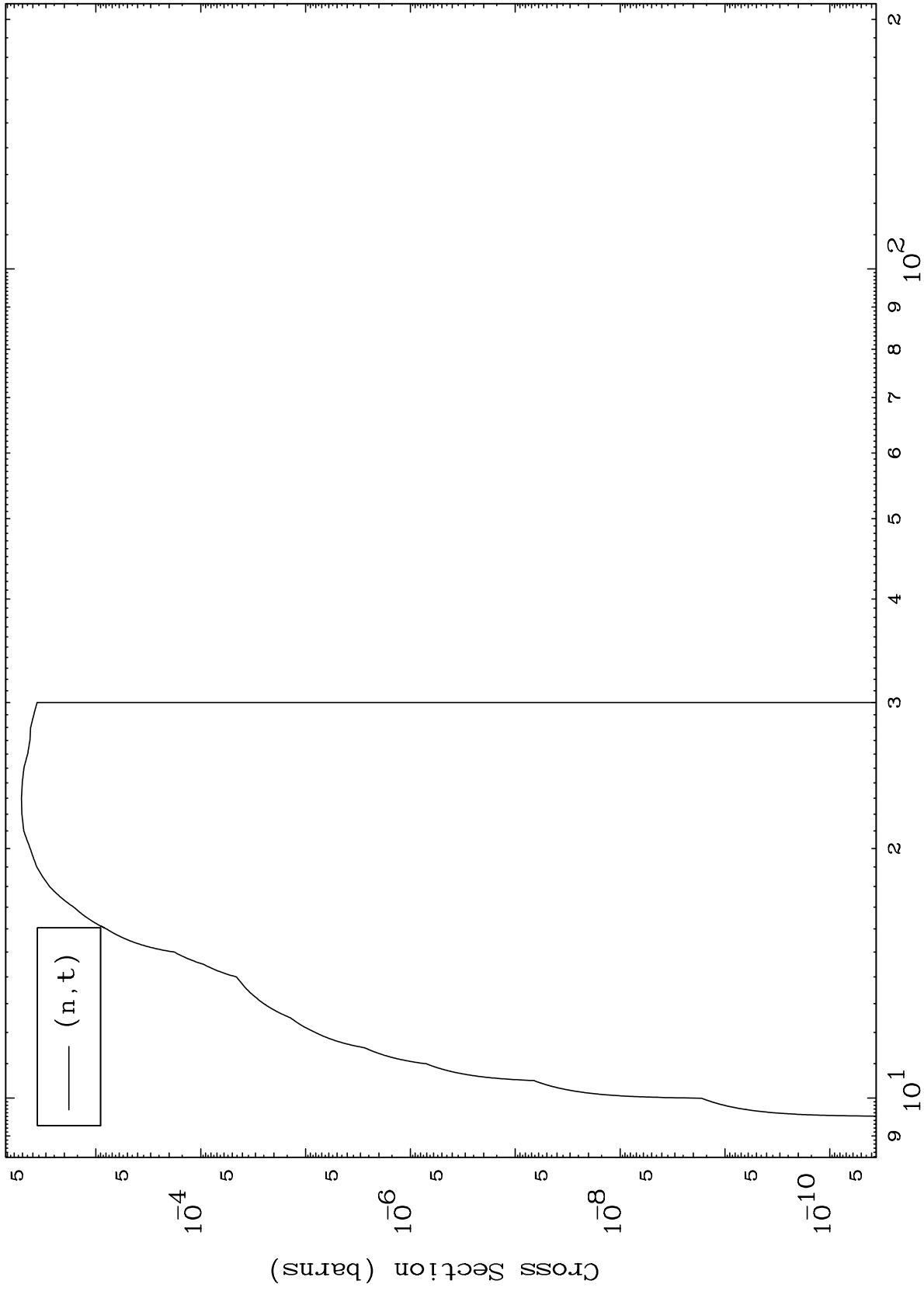
Incident Energy (MeV)

19-K -37

MAT 1919

(n,t) Levels
293 Kelvin Cross Sections

19-K -37



11

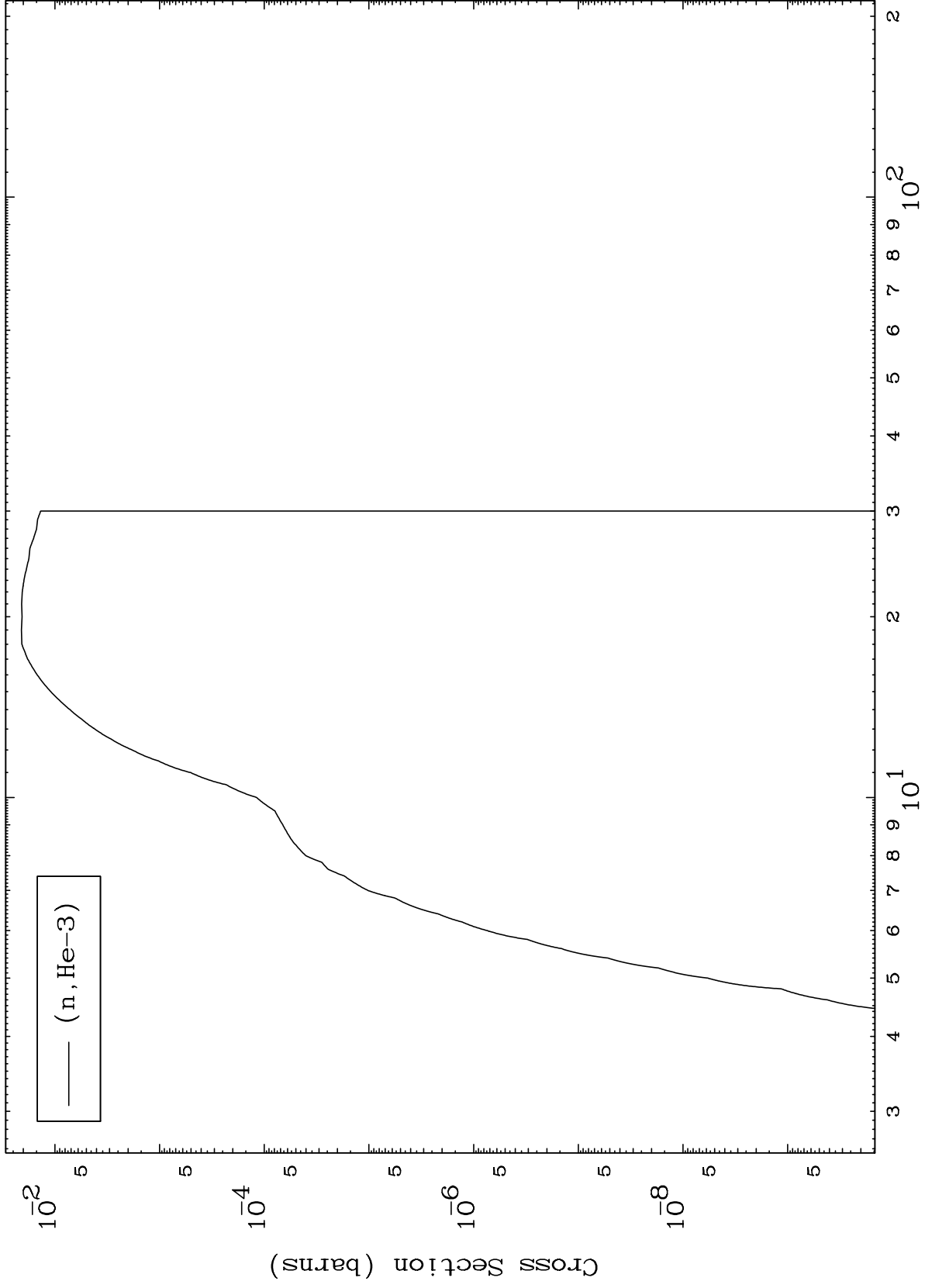
Incident Energy (MeV)

19-K -37

MAT 1919

(n,He3) Levels
293 Kelvin Cross Sections

19-K -37



12

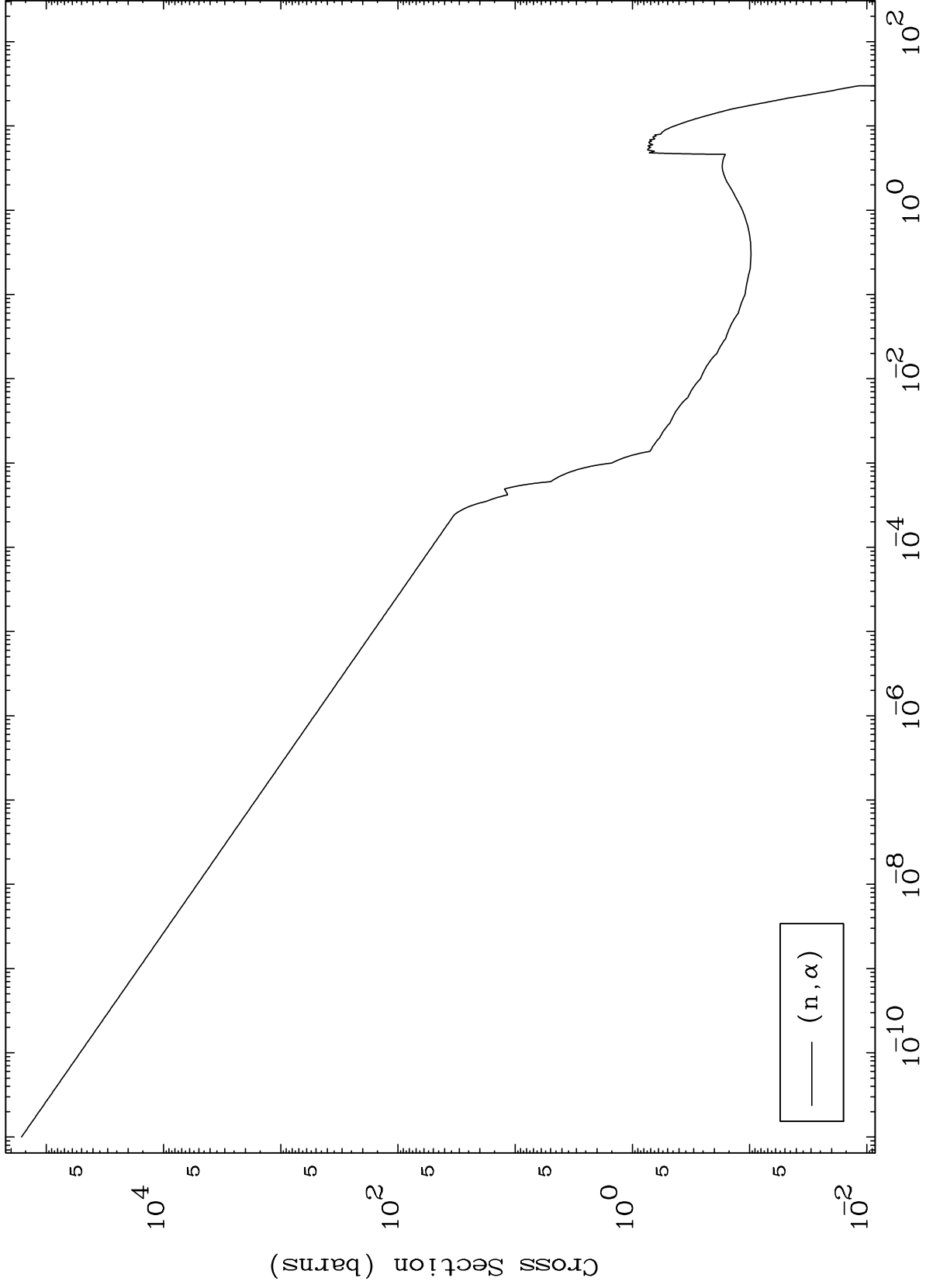
Incident Energy (MeV)

19-K -37

MAT 1919

(n,α) Levels
293 Kelvin Cross Sections

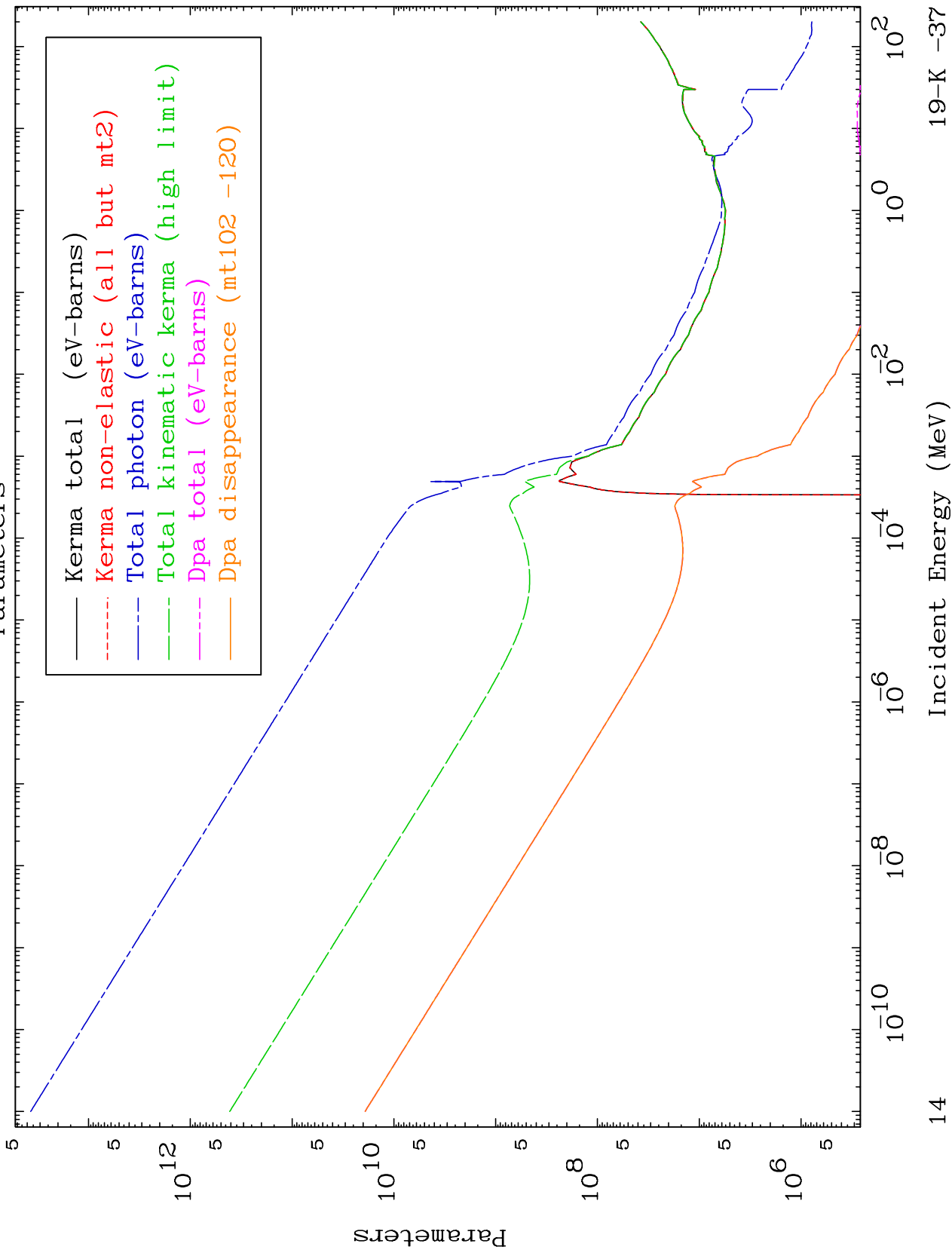
19-K -37



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Incident Energy (MeV)

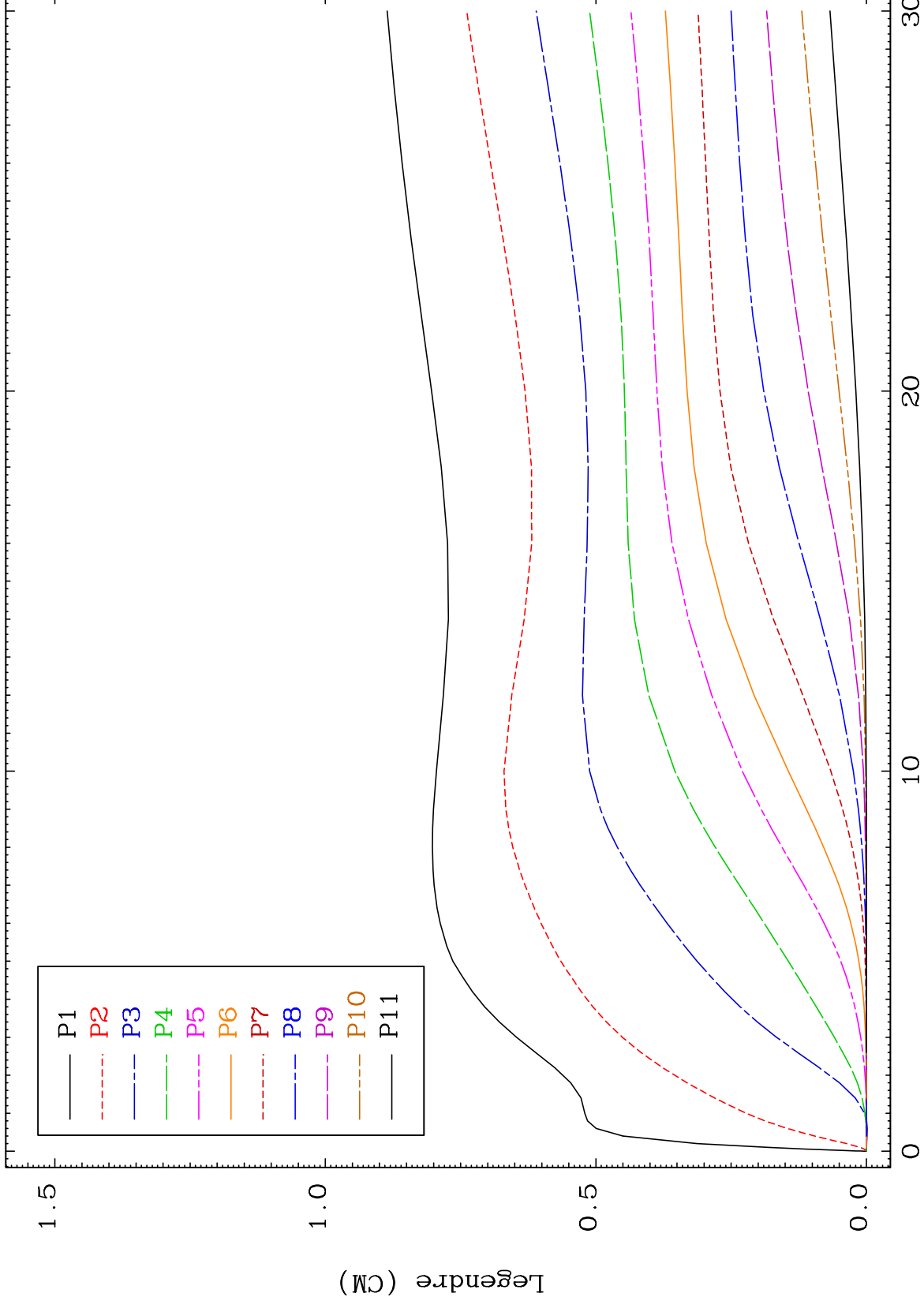
19-K -37



MAT 1919

Elastic
Legendre Coefficients

19-K -37



15

Incident Energy (MeV)

19-K -37

0

10

20

30

1.5

1.0

0.5

0.0

P1

P2

P3

P4

P5

P6

P7

P8

P9

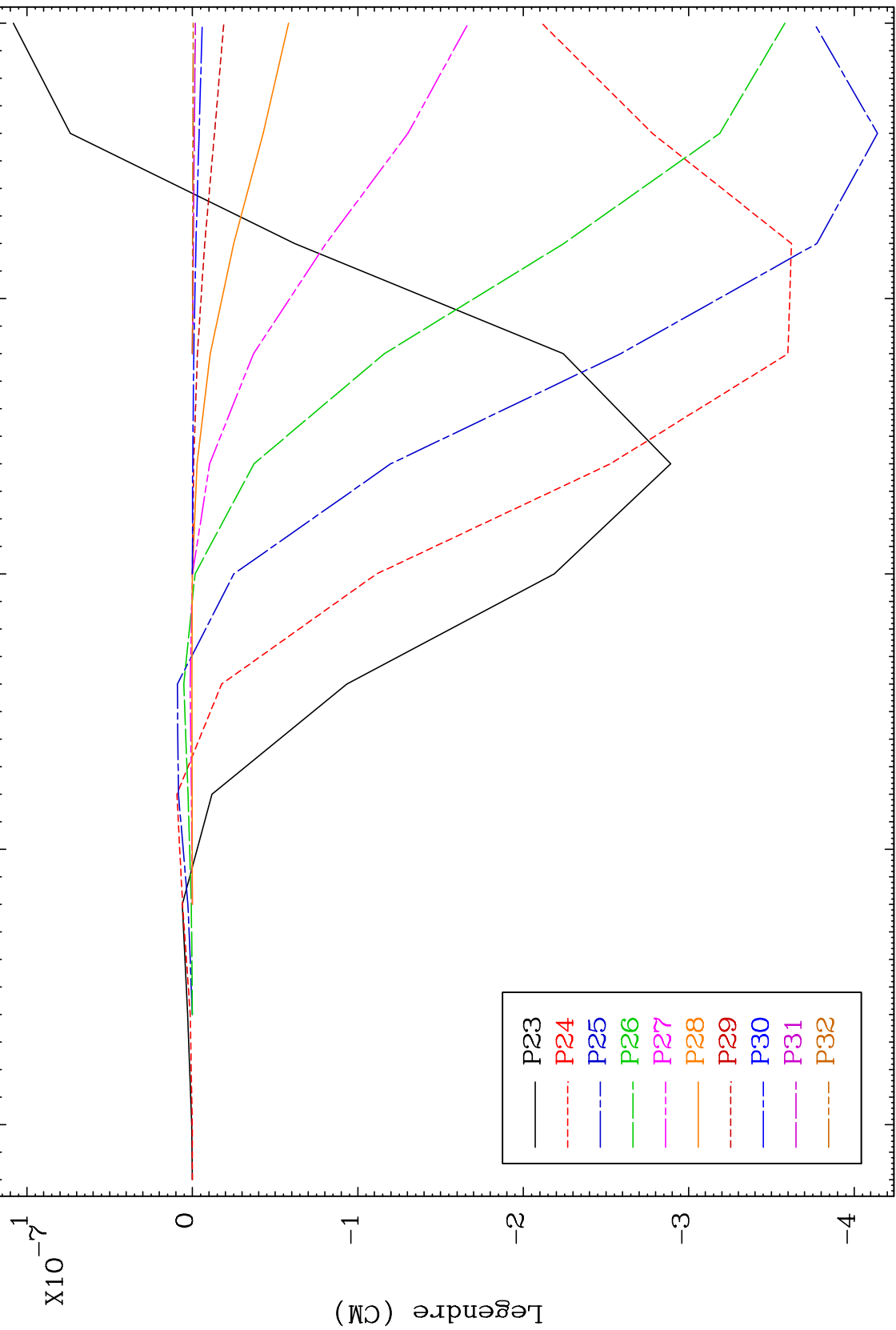
P10

P11

MAT 1919

Elastic Legendre Coefficients

19-K -37



17

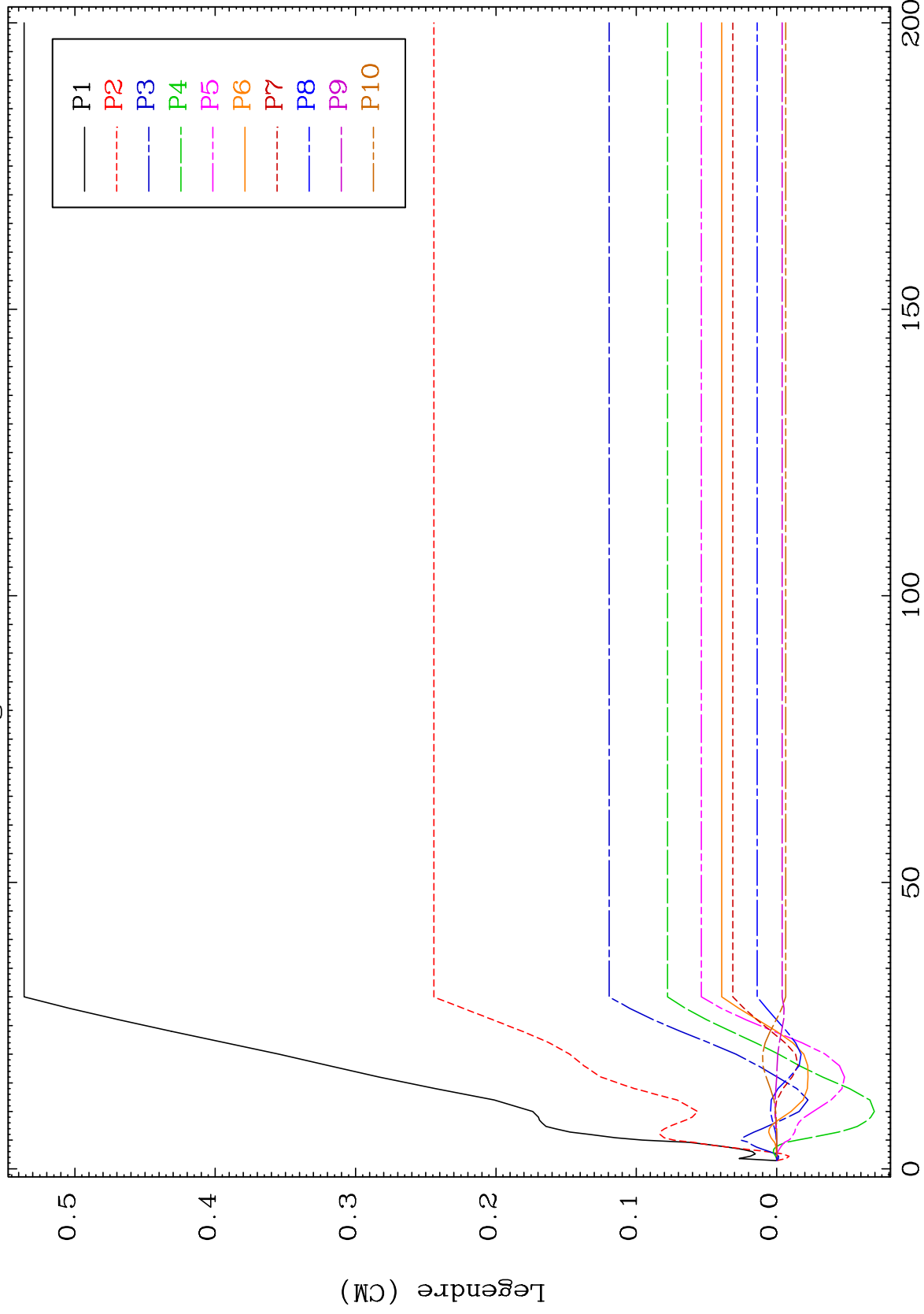
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



18

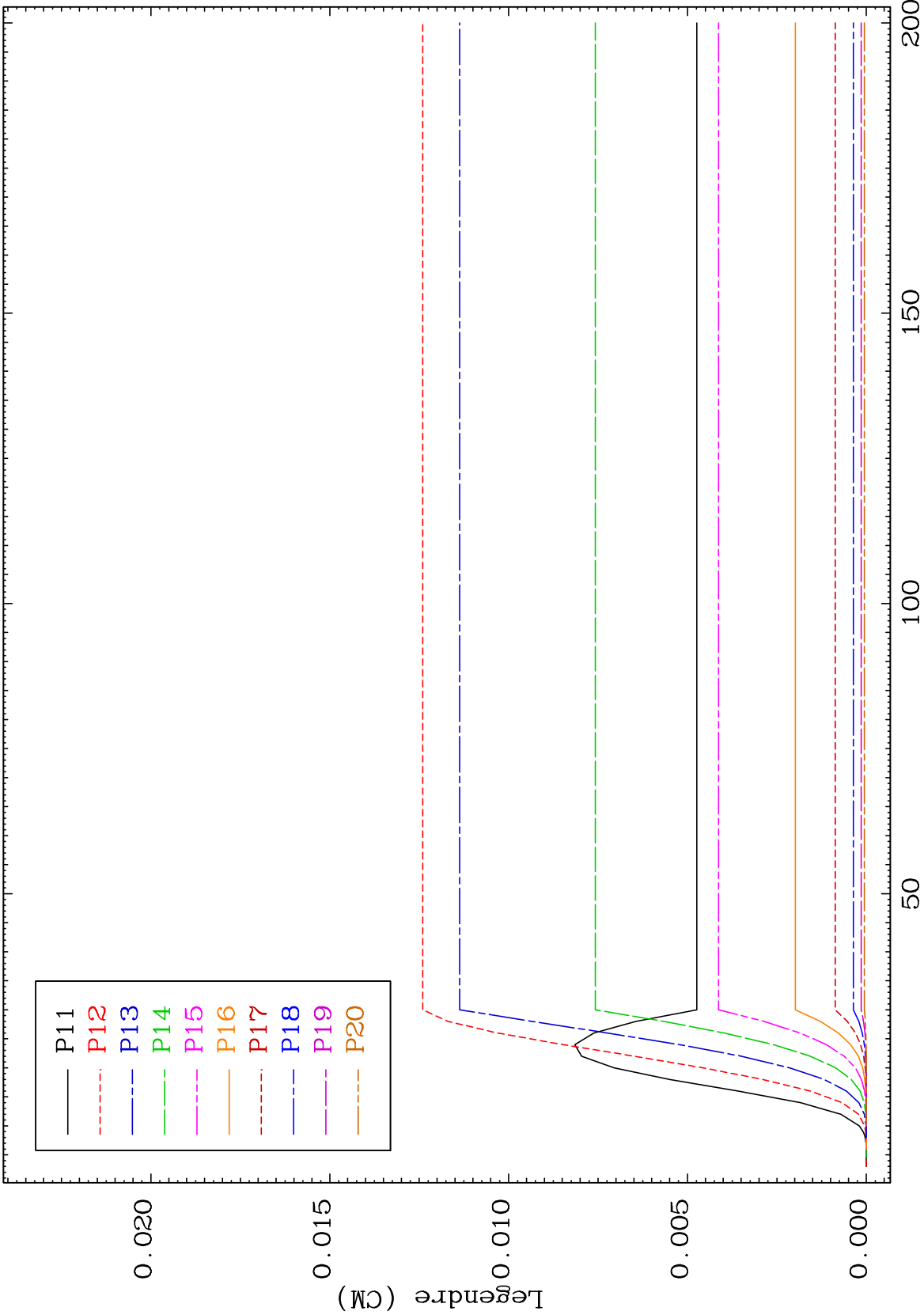
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



19

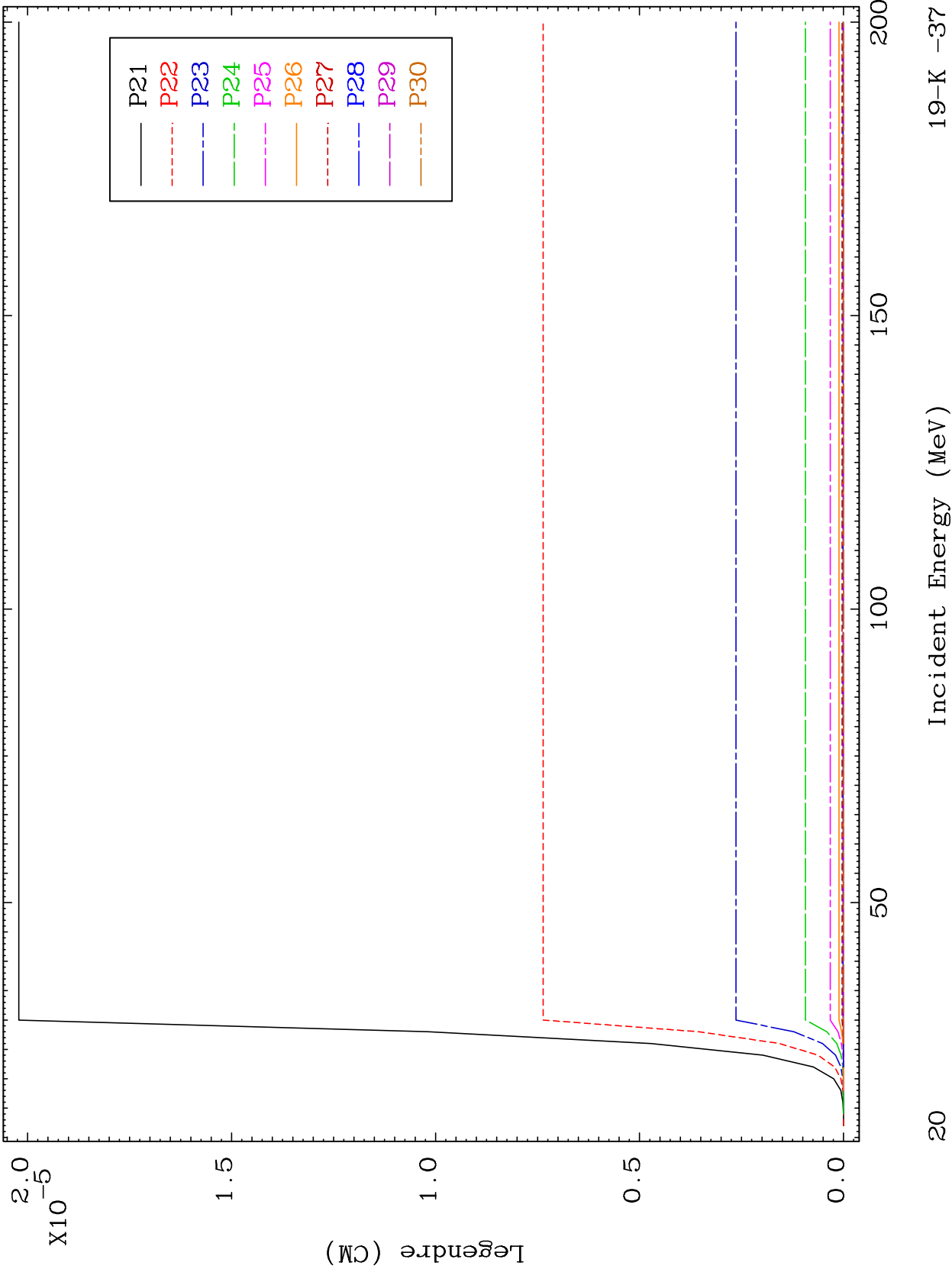
Incident Energy (MeV)

19-K -37

MAT 1919

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

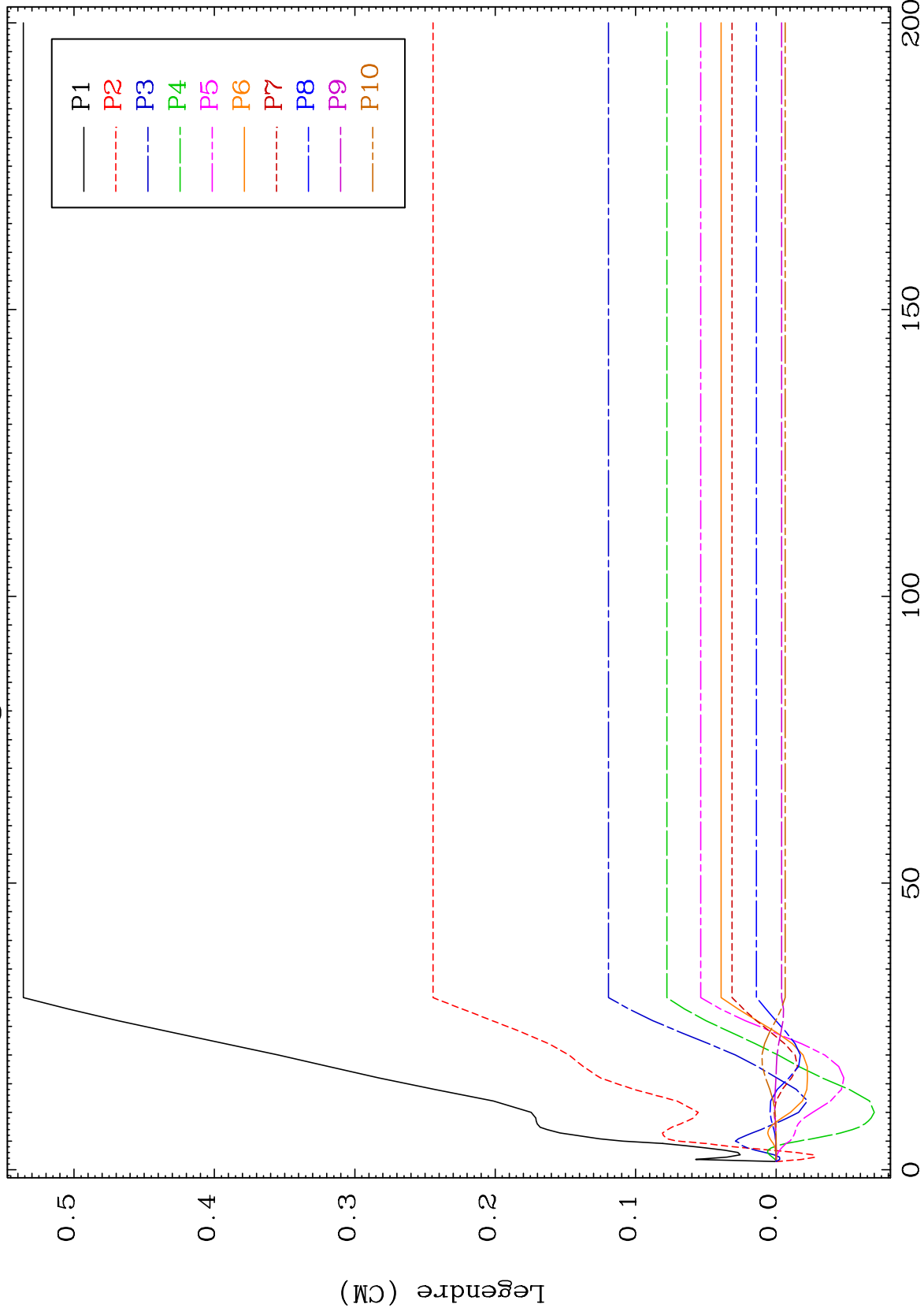
19-K -37



MAT 1919

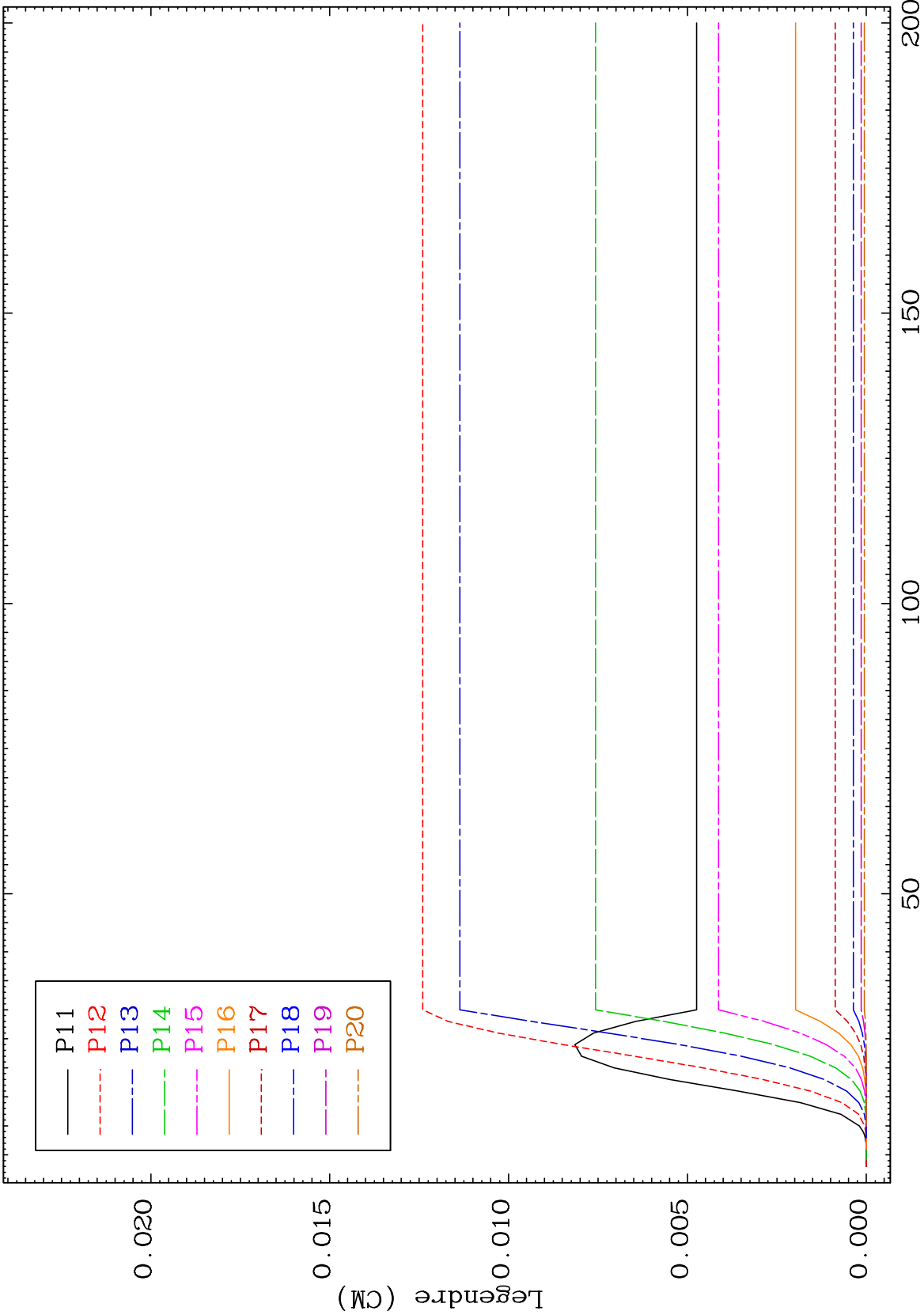
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Legendre Coefficients

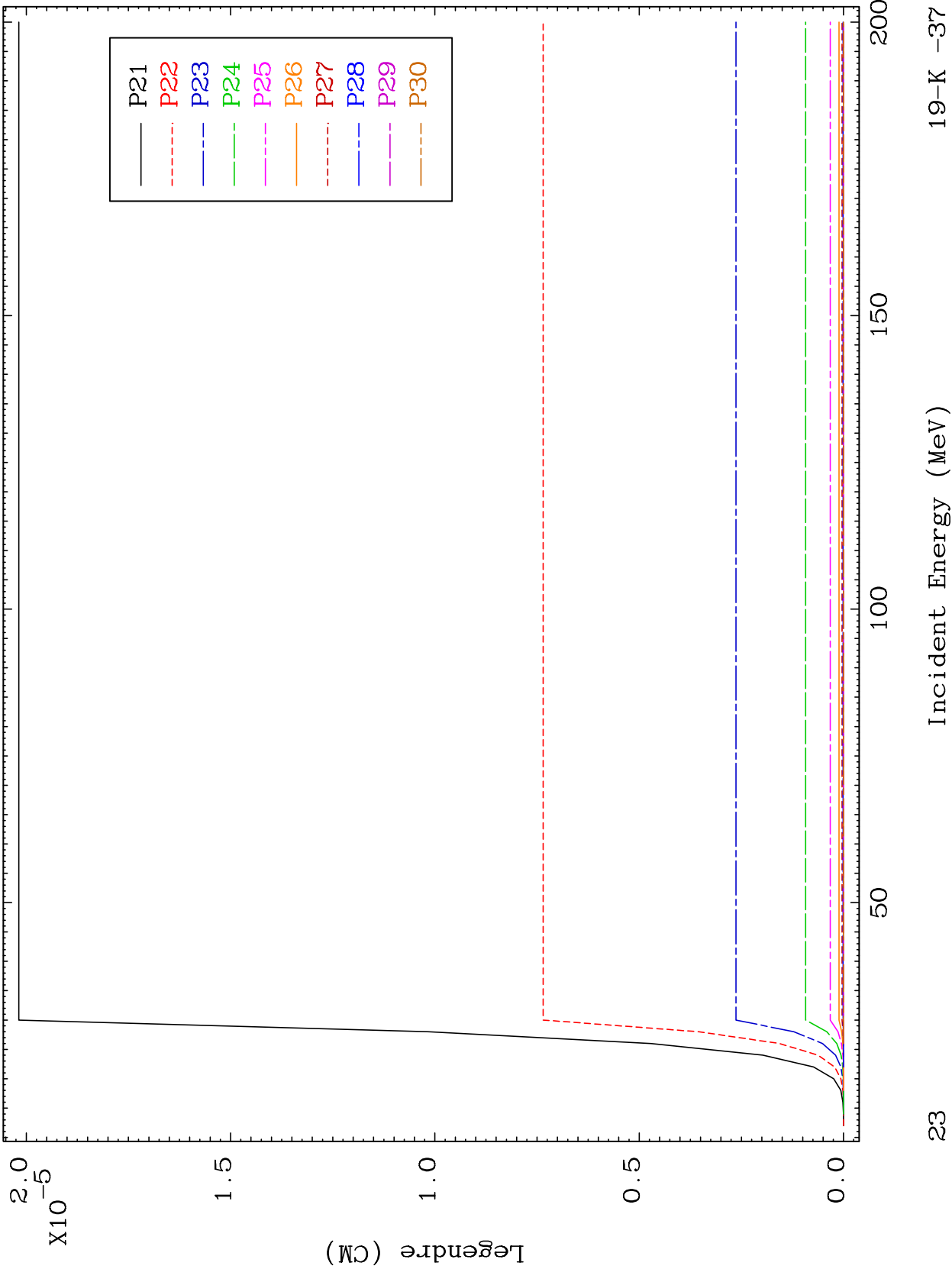
19-K -37



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19-K -37

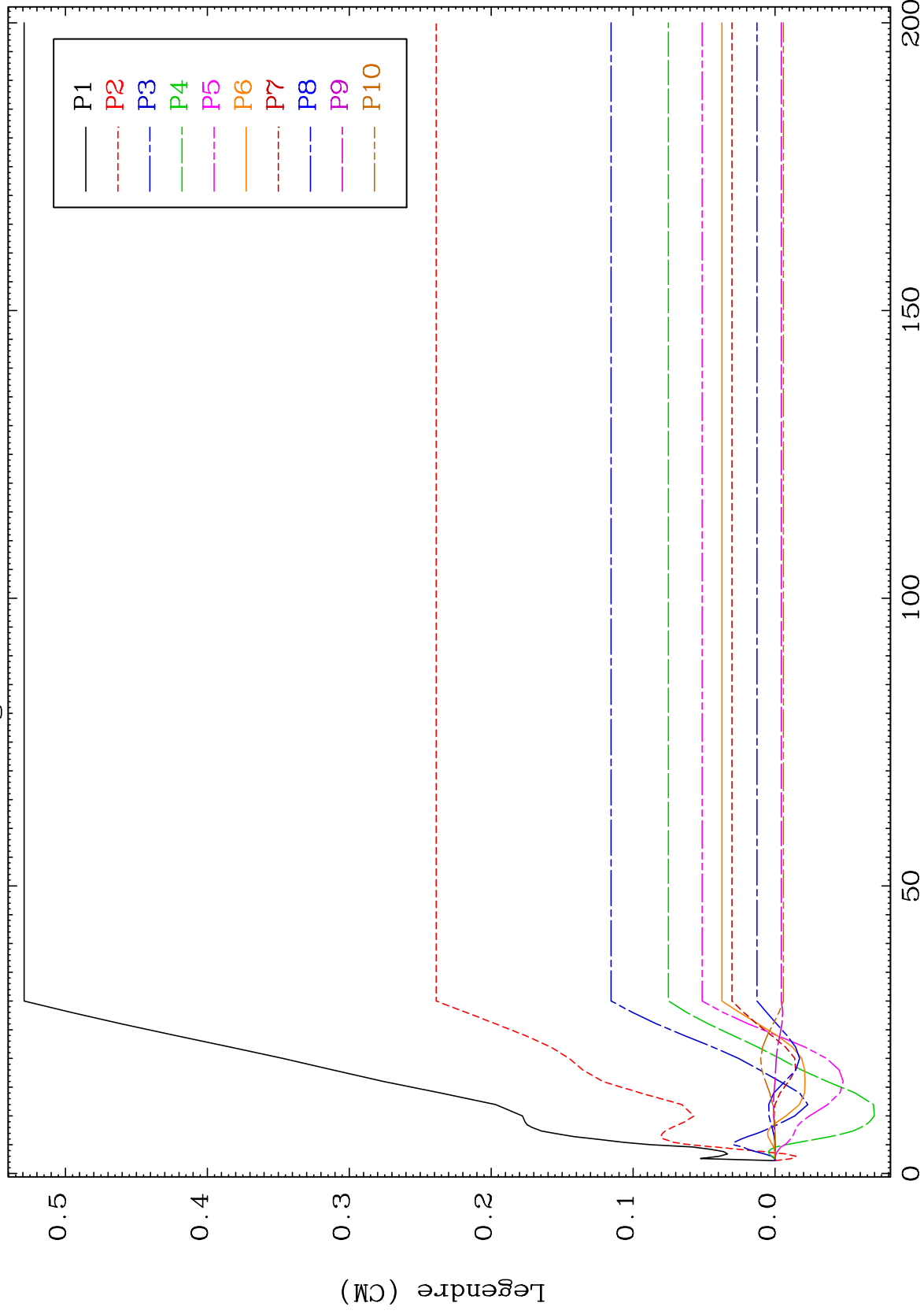




MAT 1919

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

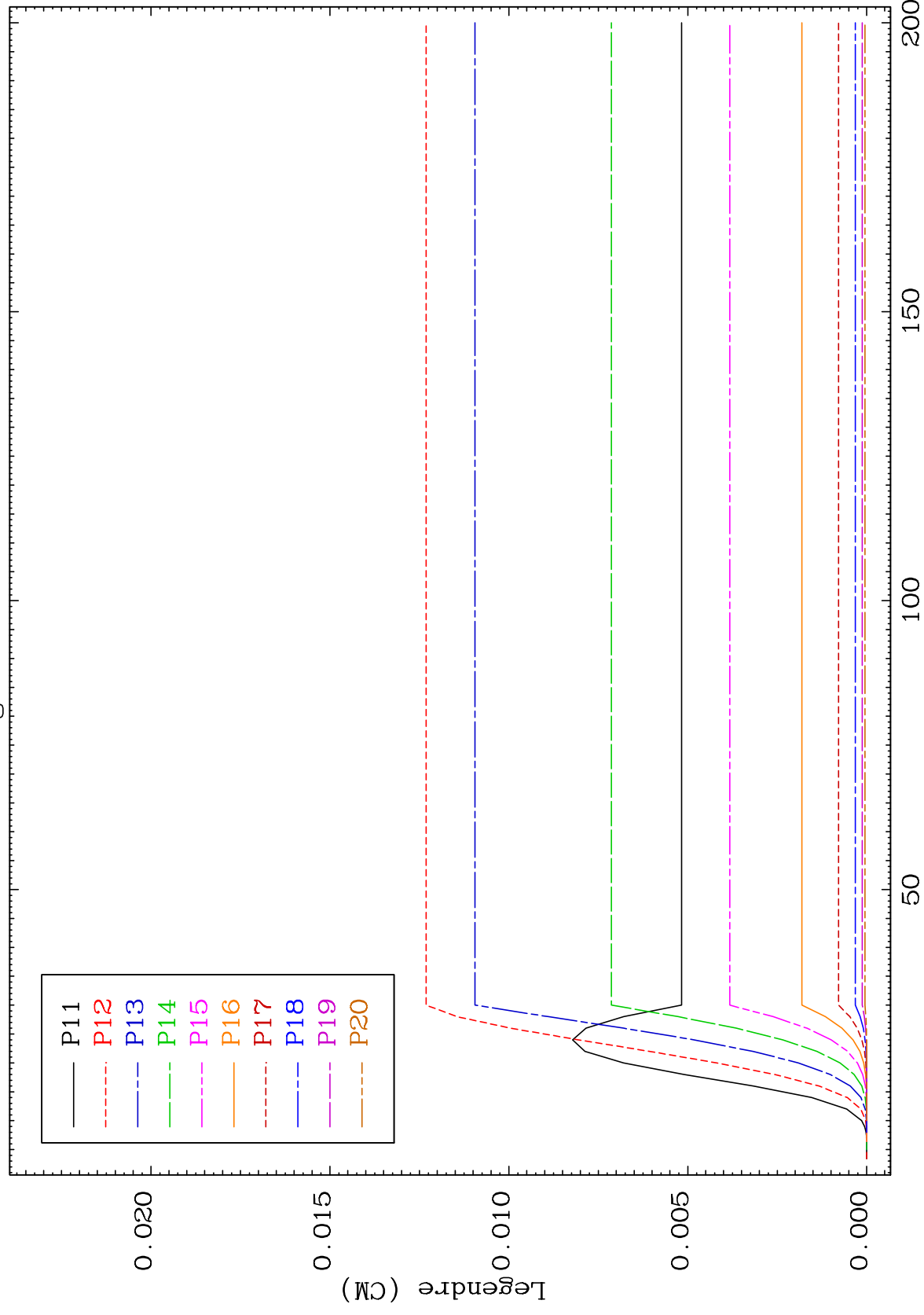
19-K -37

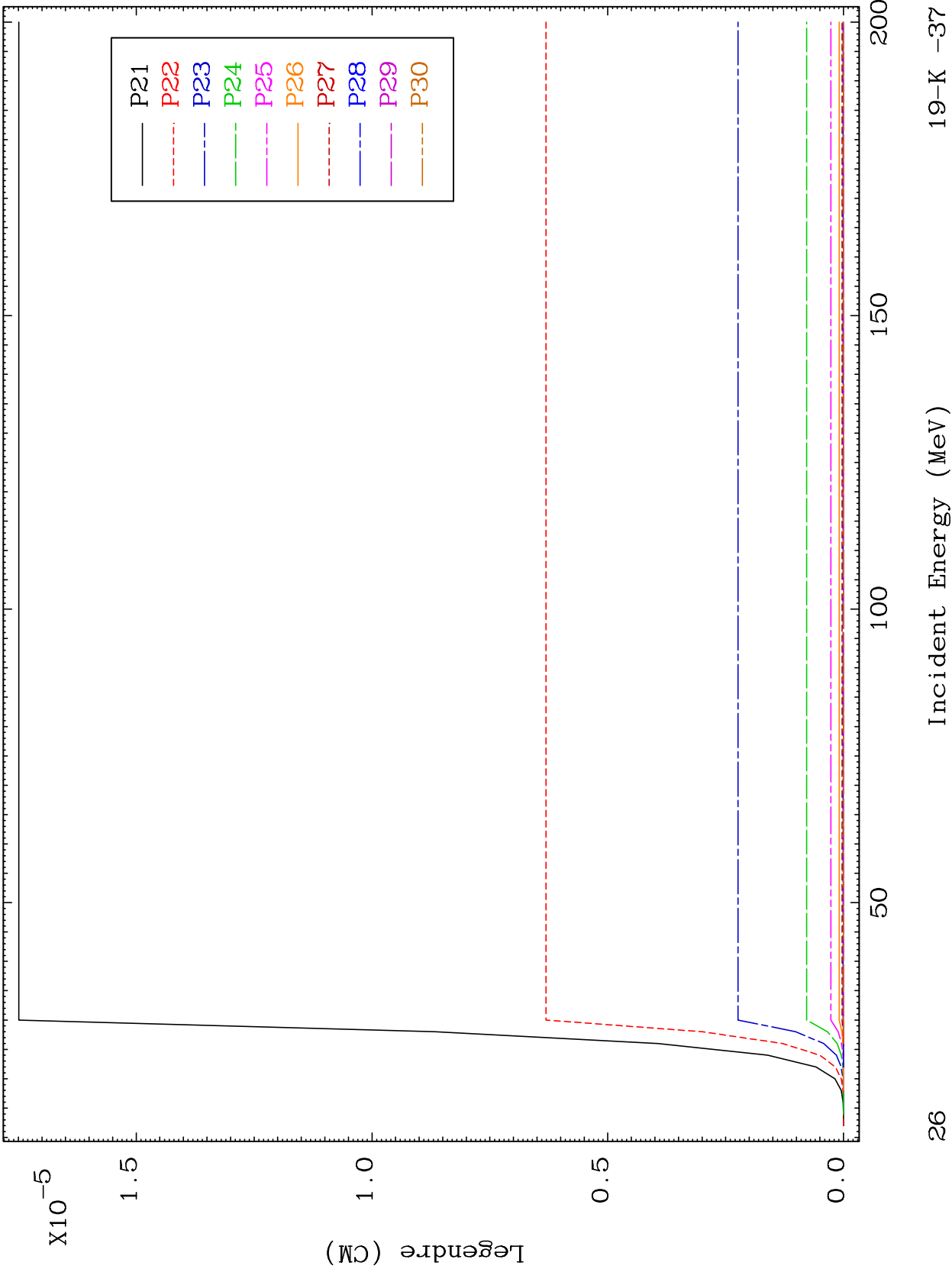


24

Incident Energy (MeV)

19-K -37

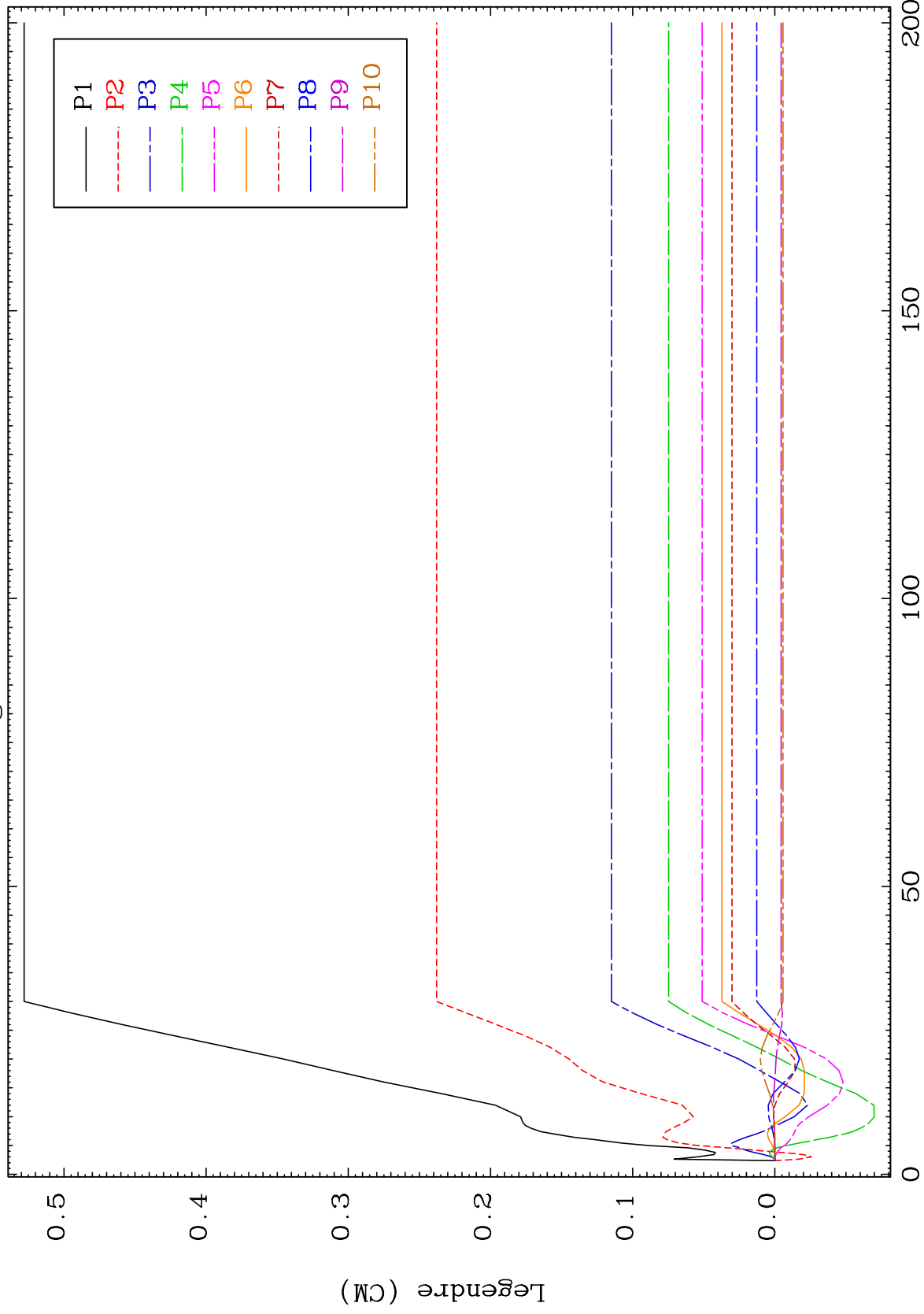




MAT 1919

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

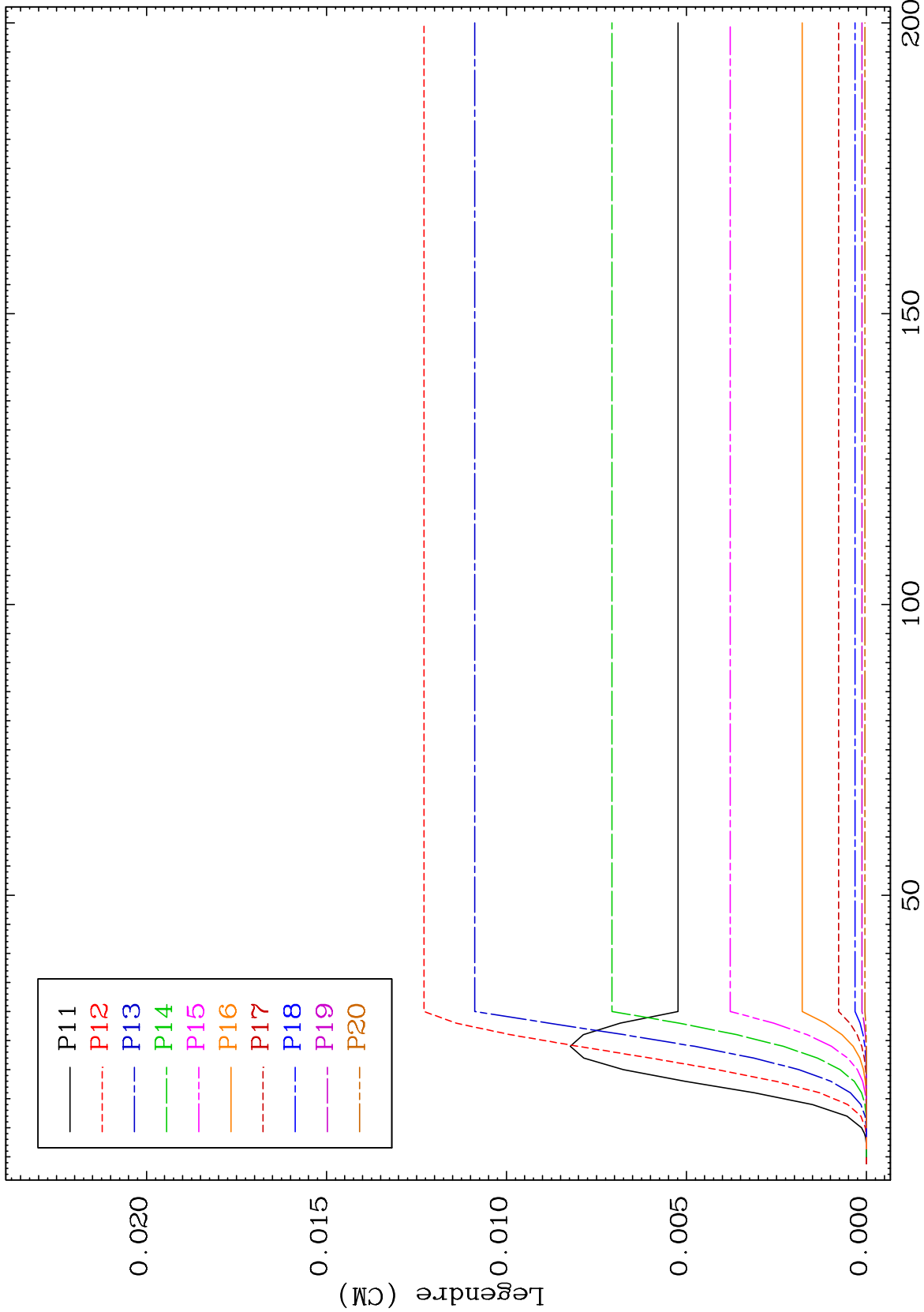
19-K -37

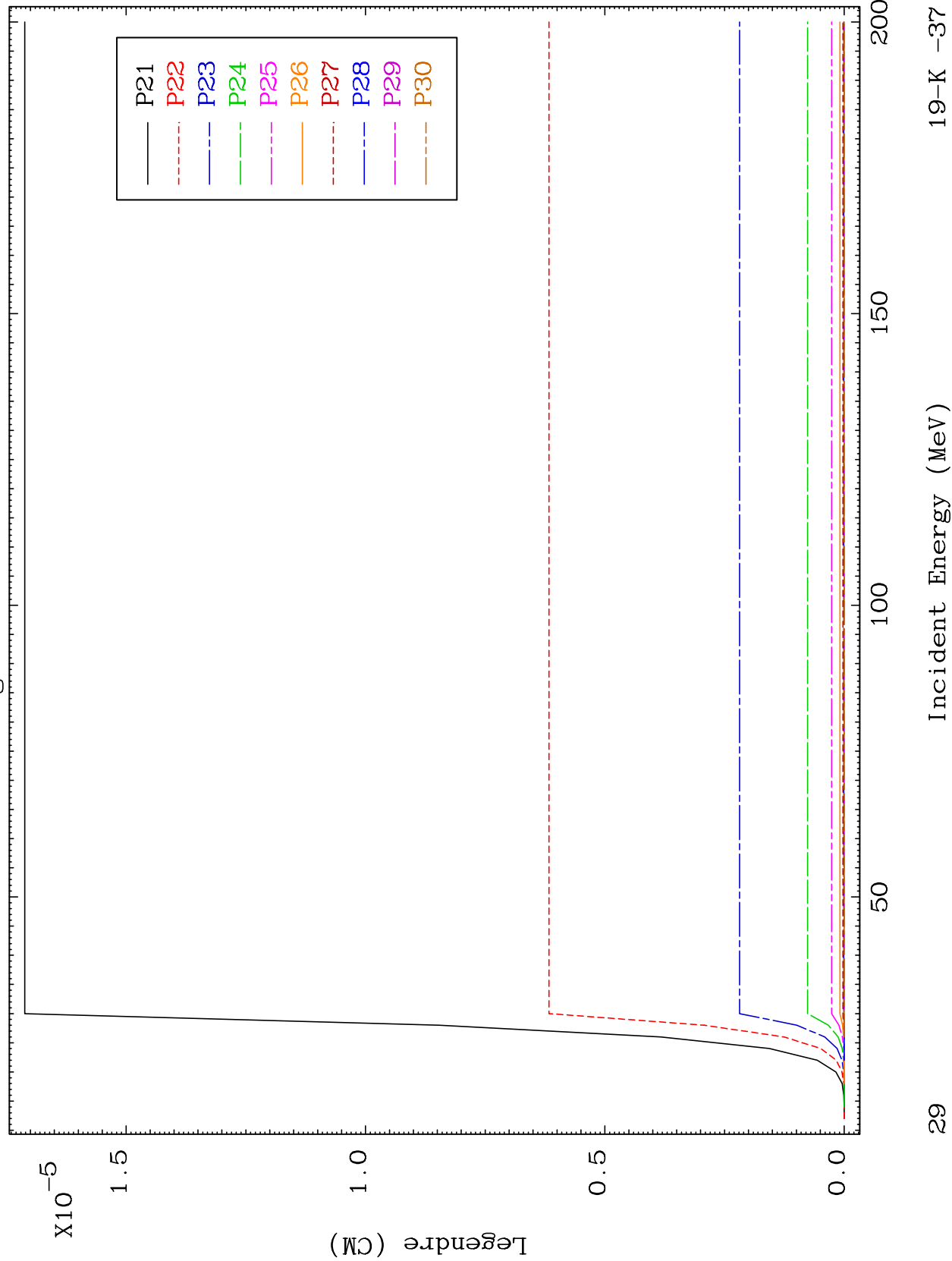


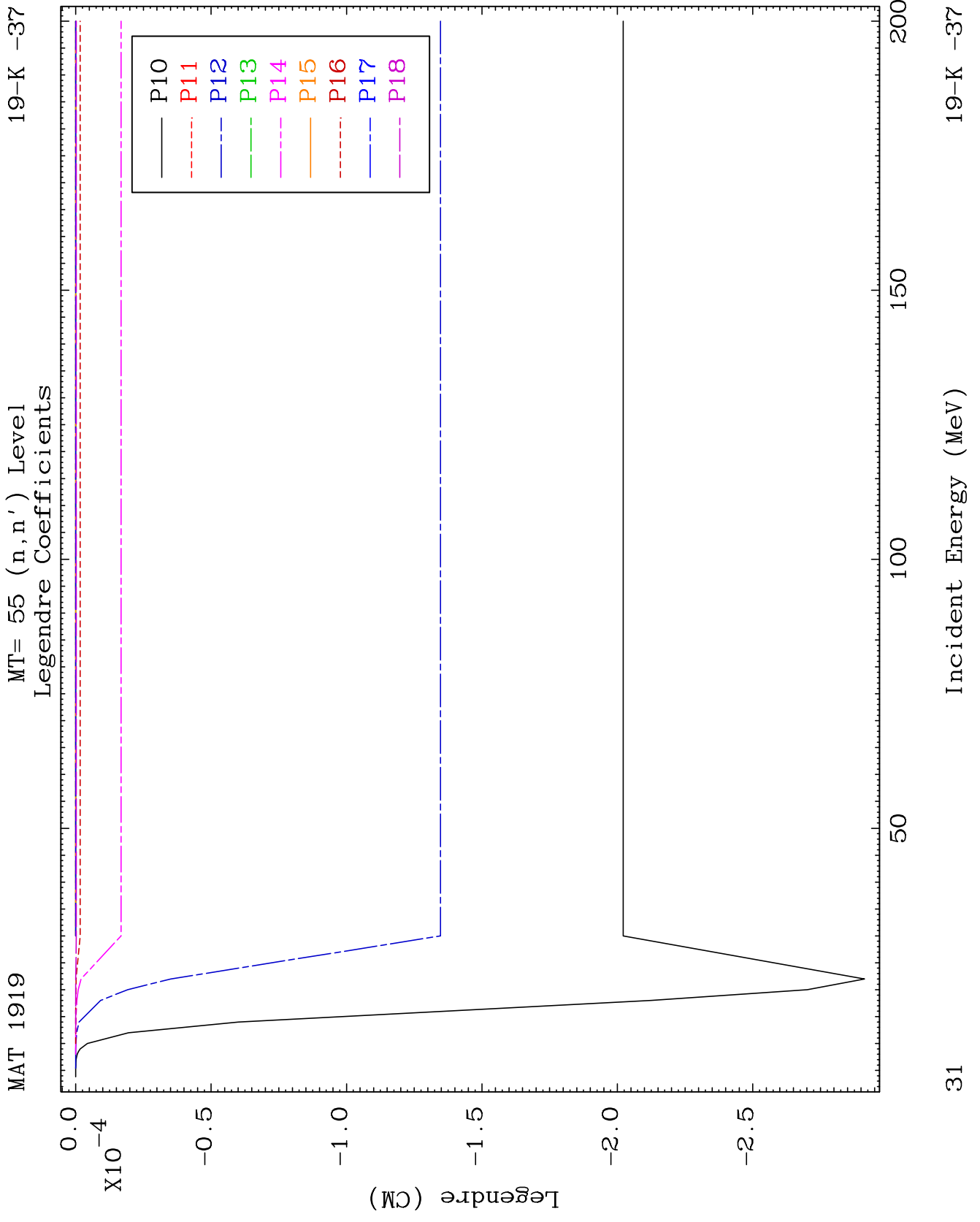
27

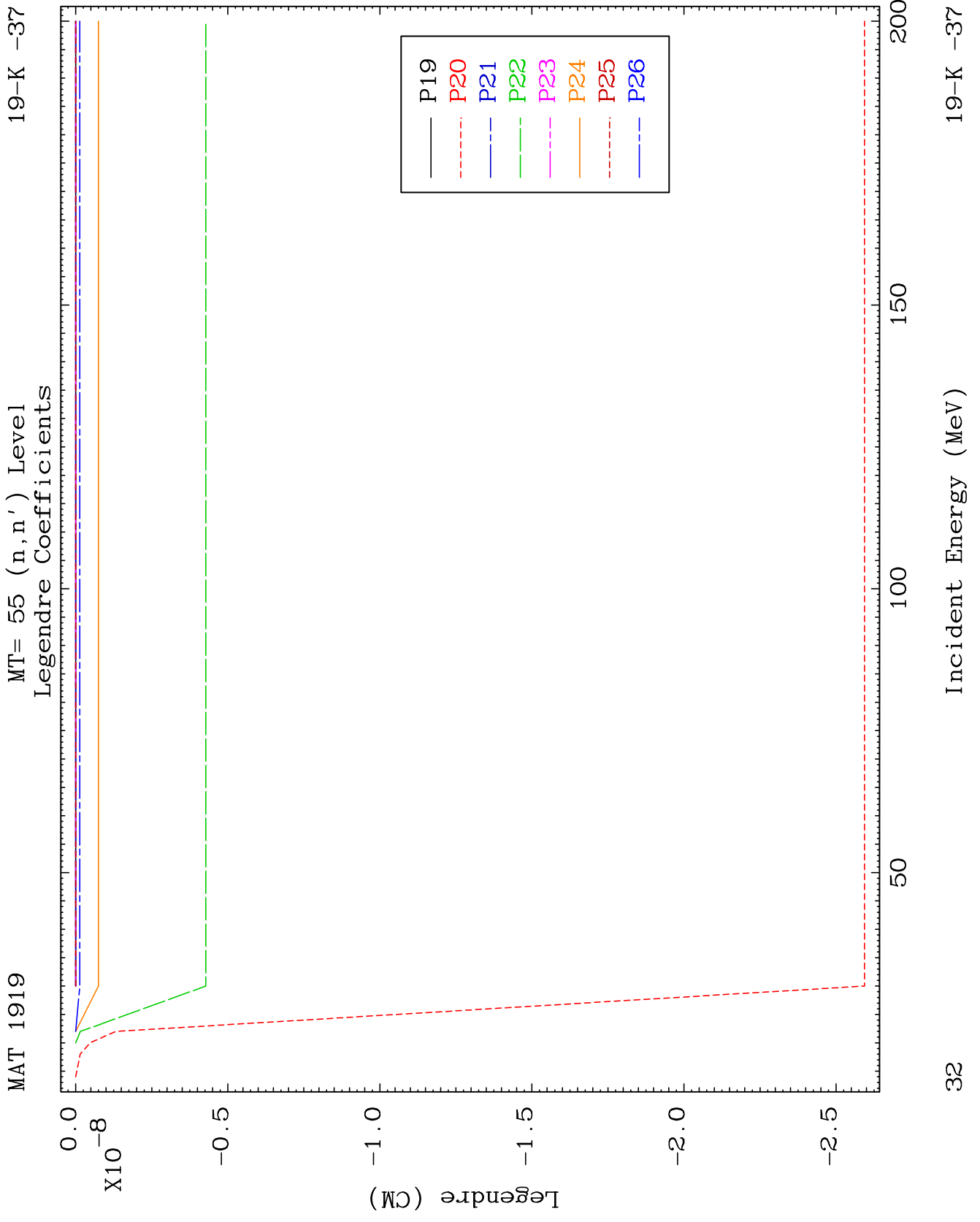
Incident Energy (MeV)

19-K -37





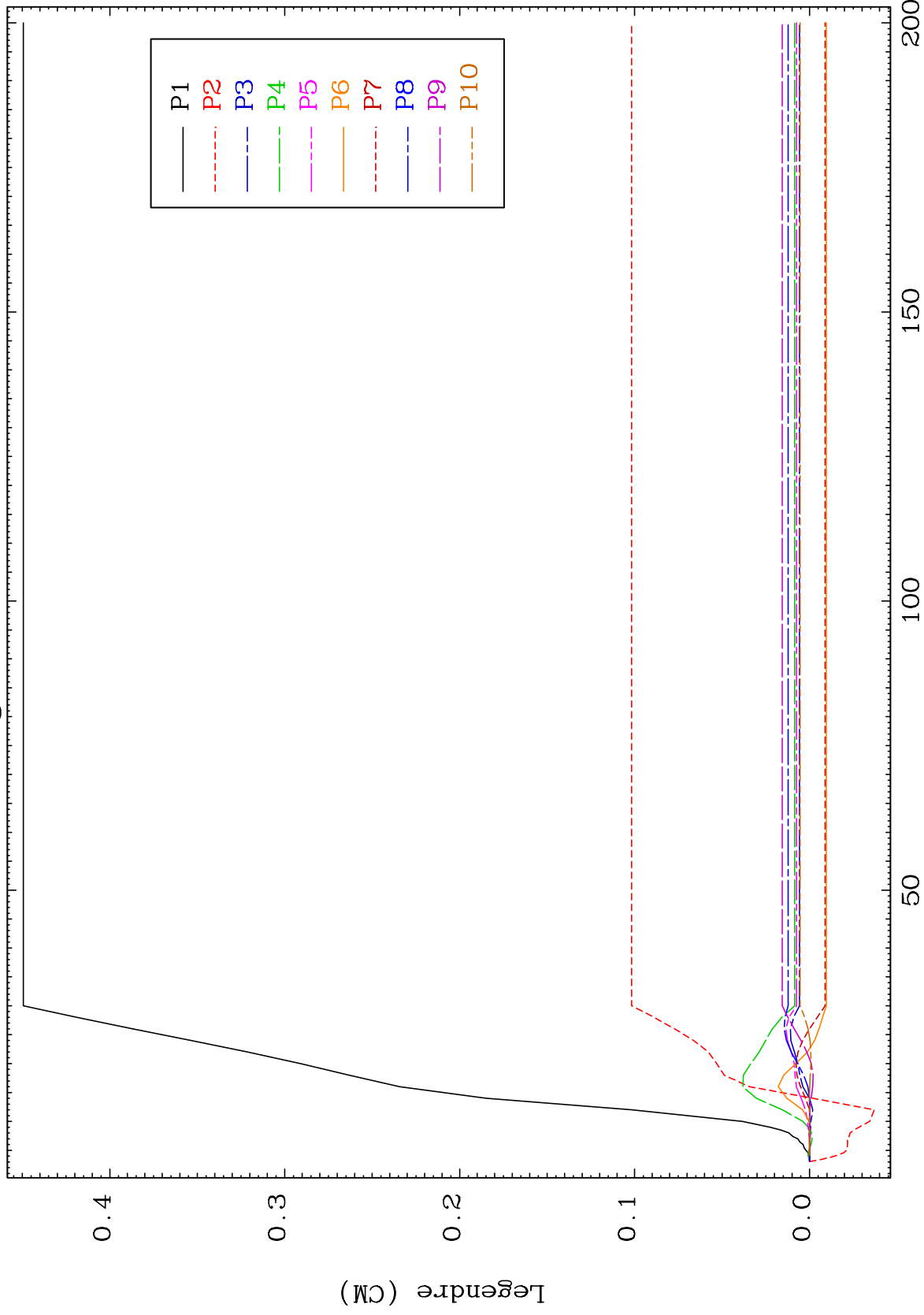




MAT 1919

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

19-K -37



33

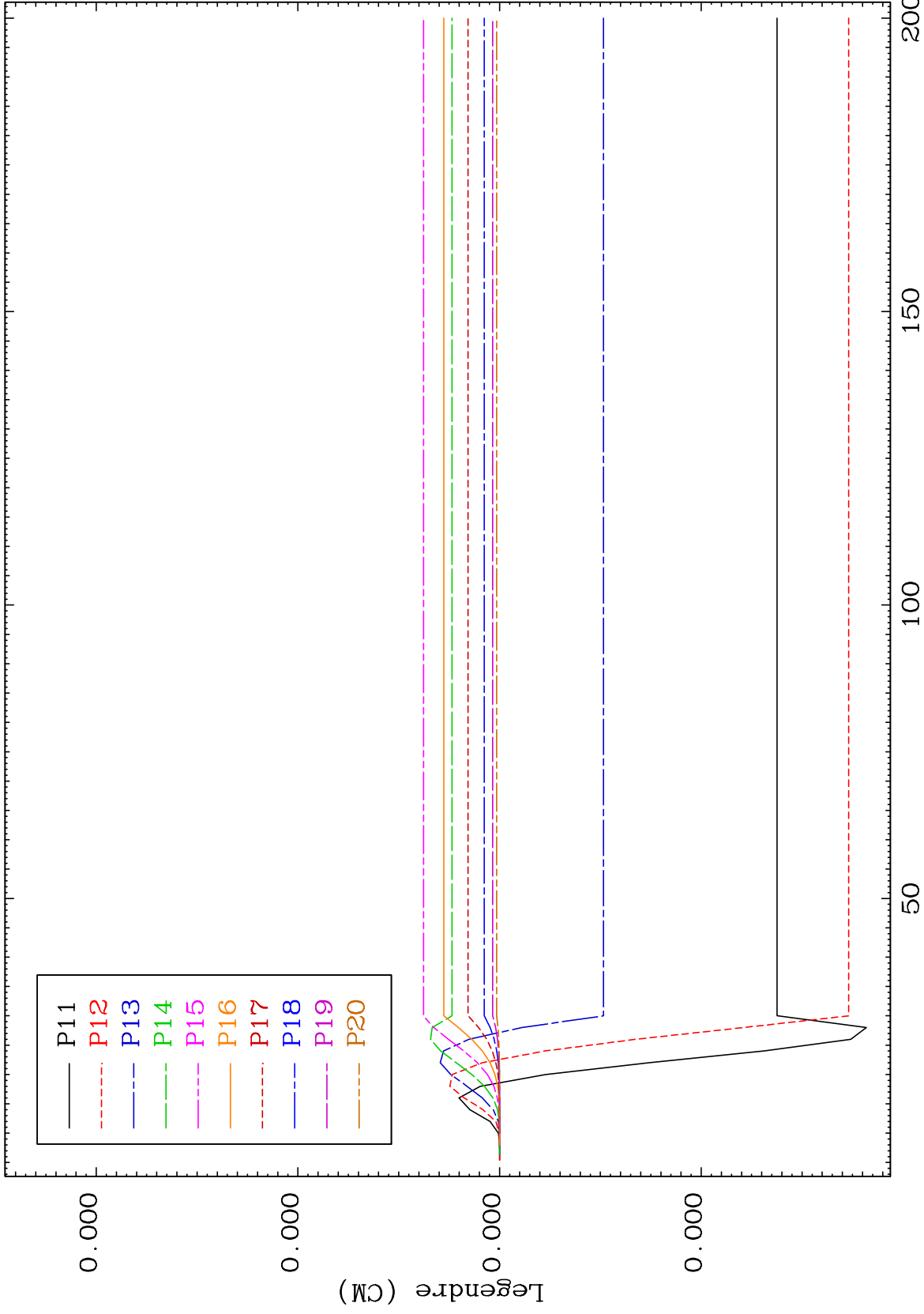
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



34

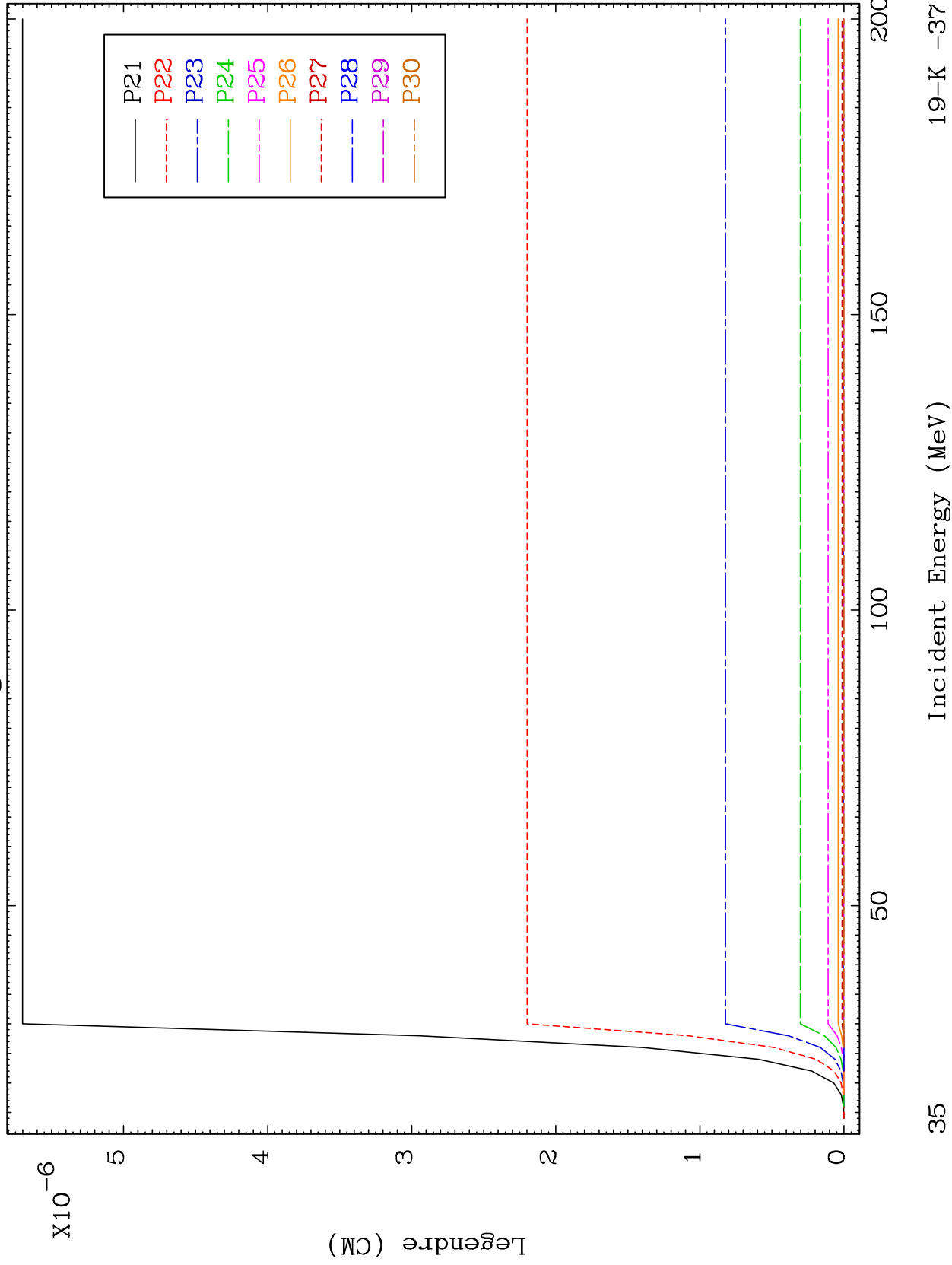
Incident Energy (MeV)

19-K -37

MAT 1919

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

19-K -37



35

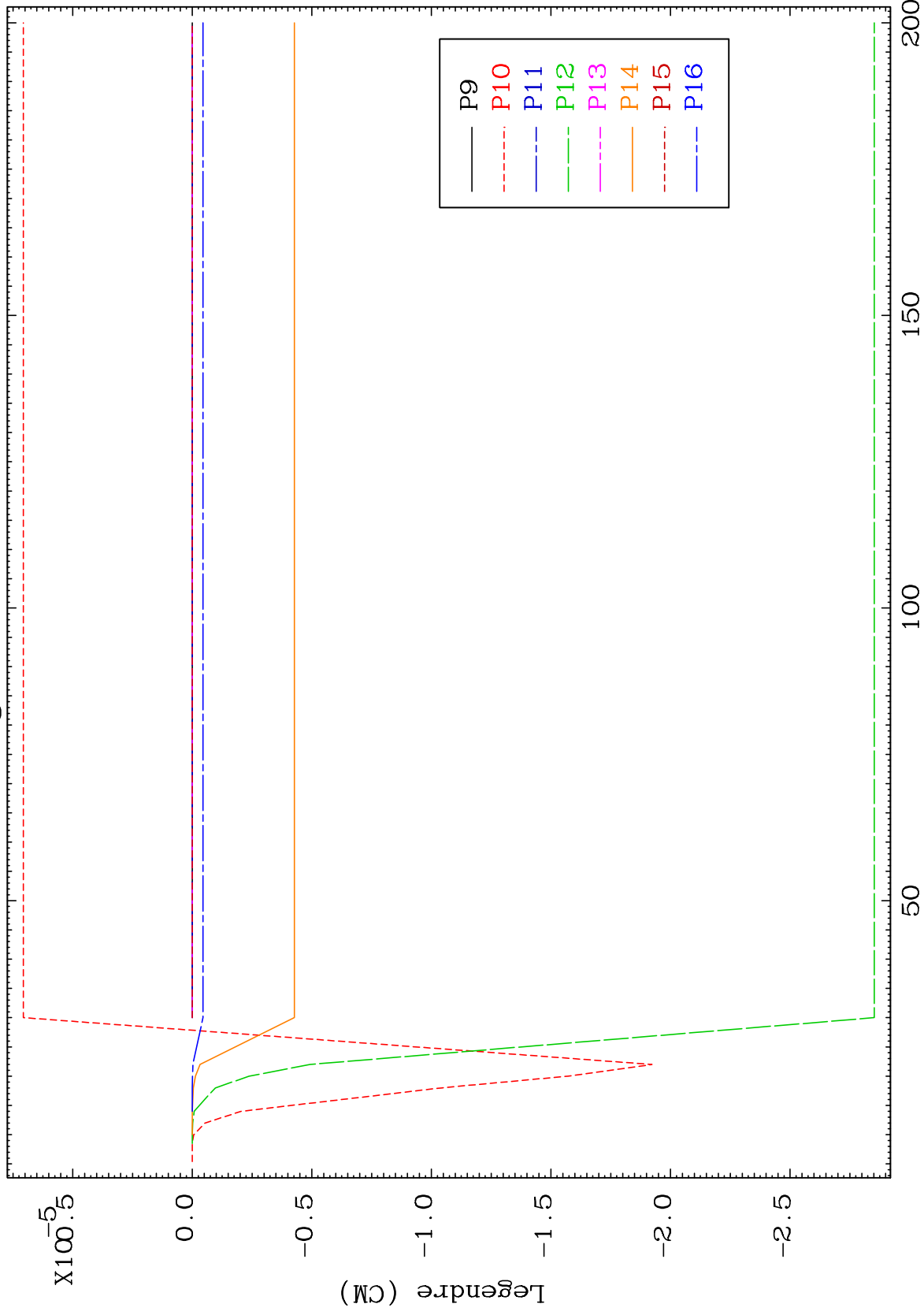
Incident Energy (MeV)

19-K -37

MAT 1919

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

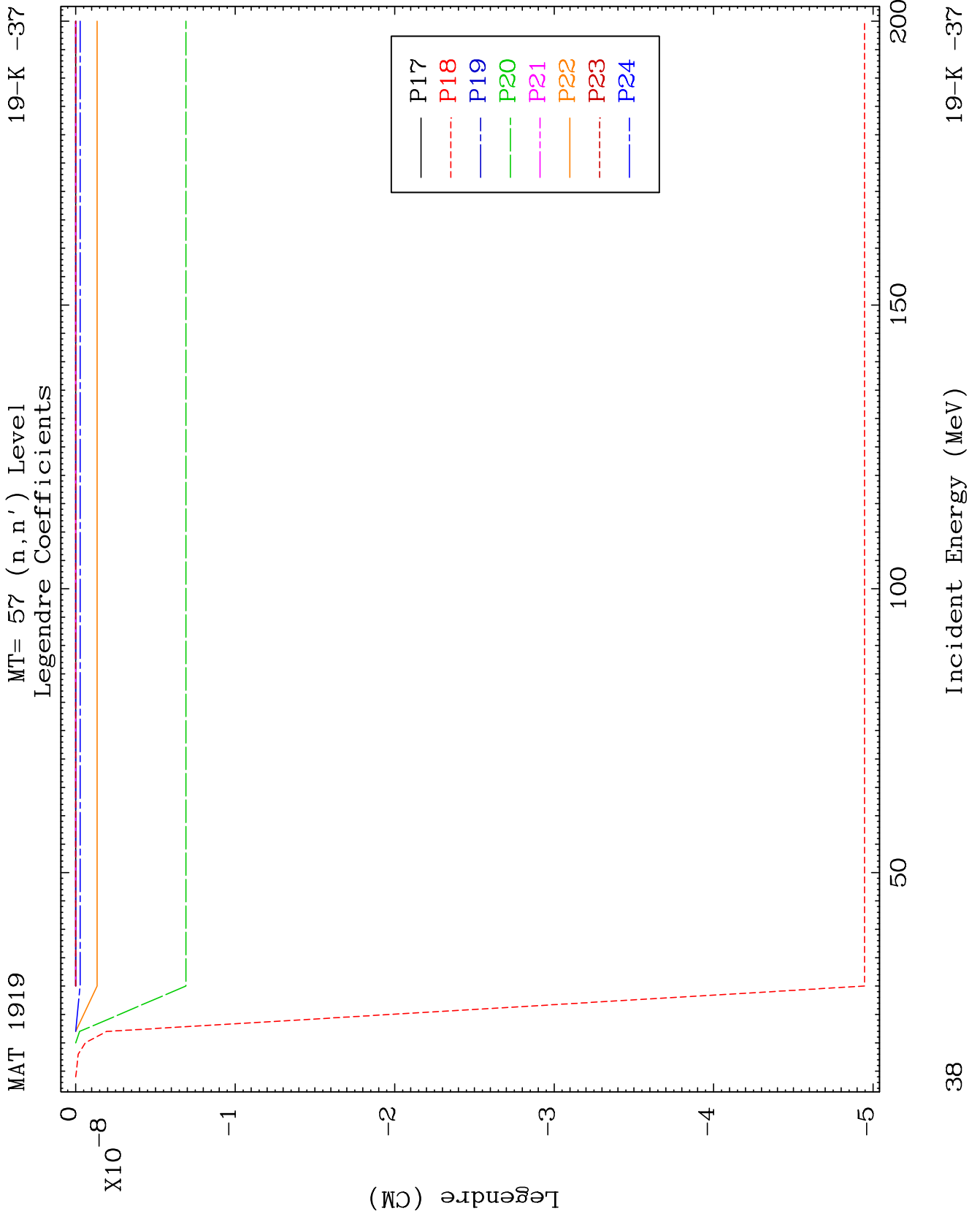
19-K -37

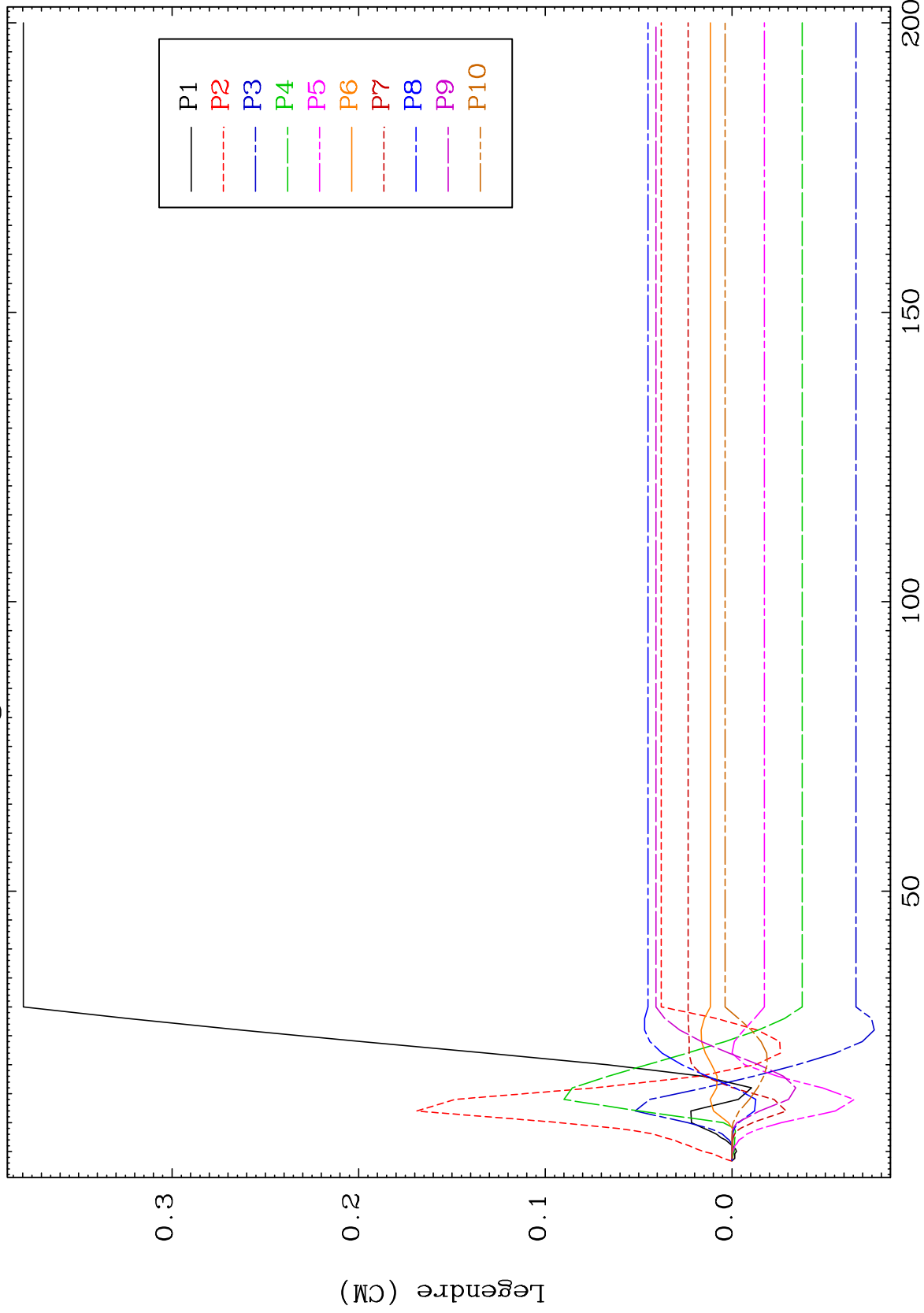


37

Incident Energy (MeV)

19-K -37

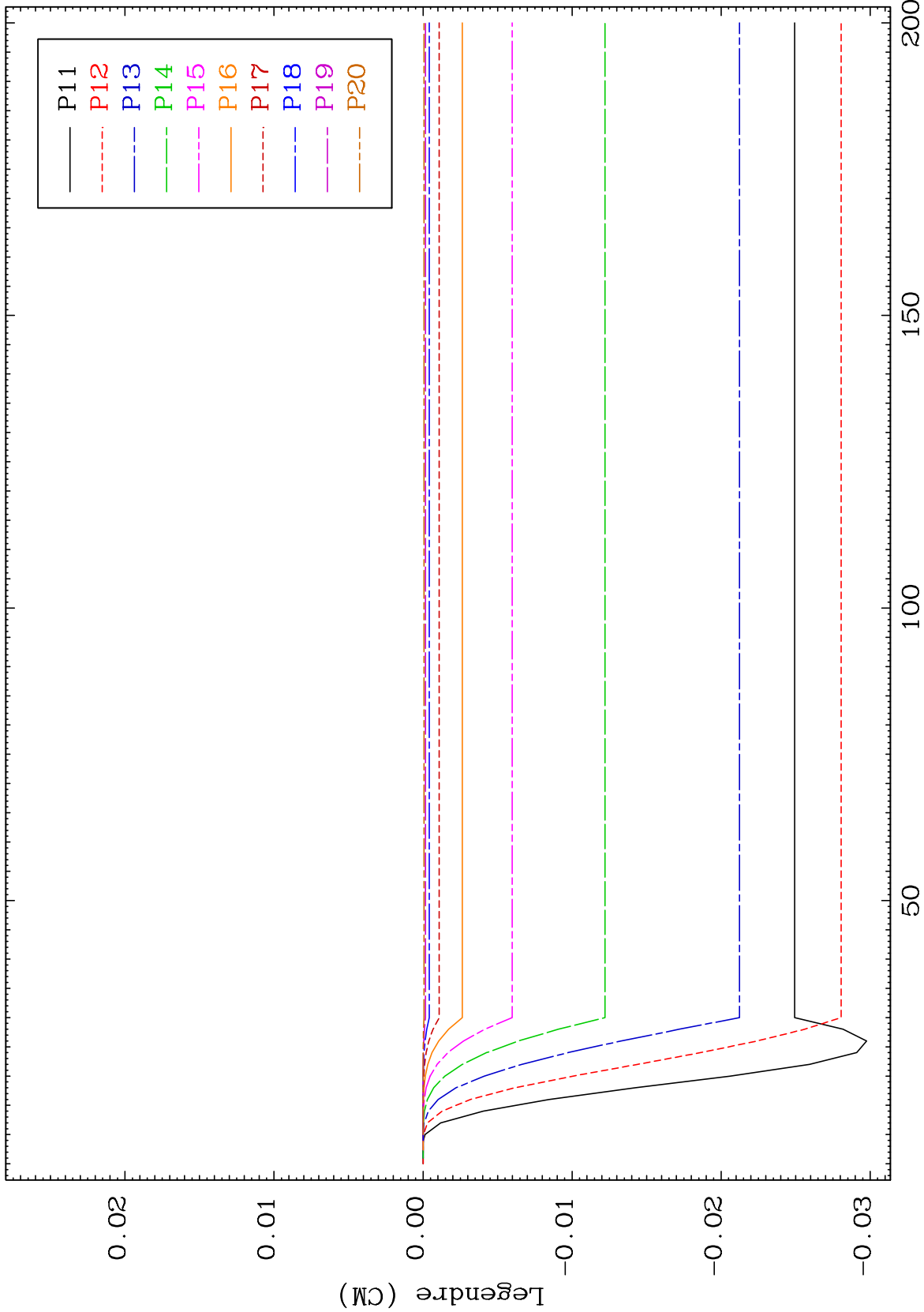




MAT 1919

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

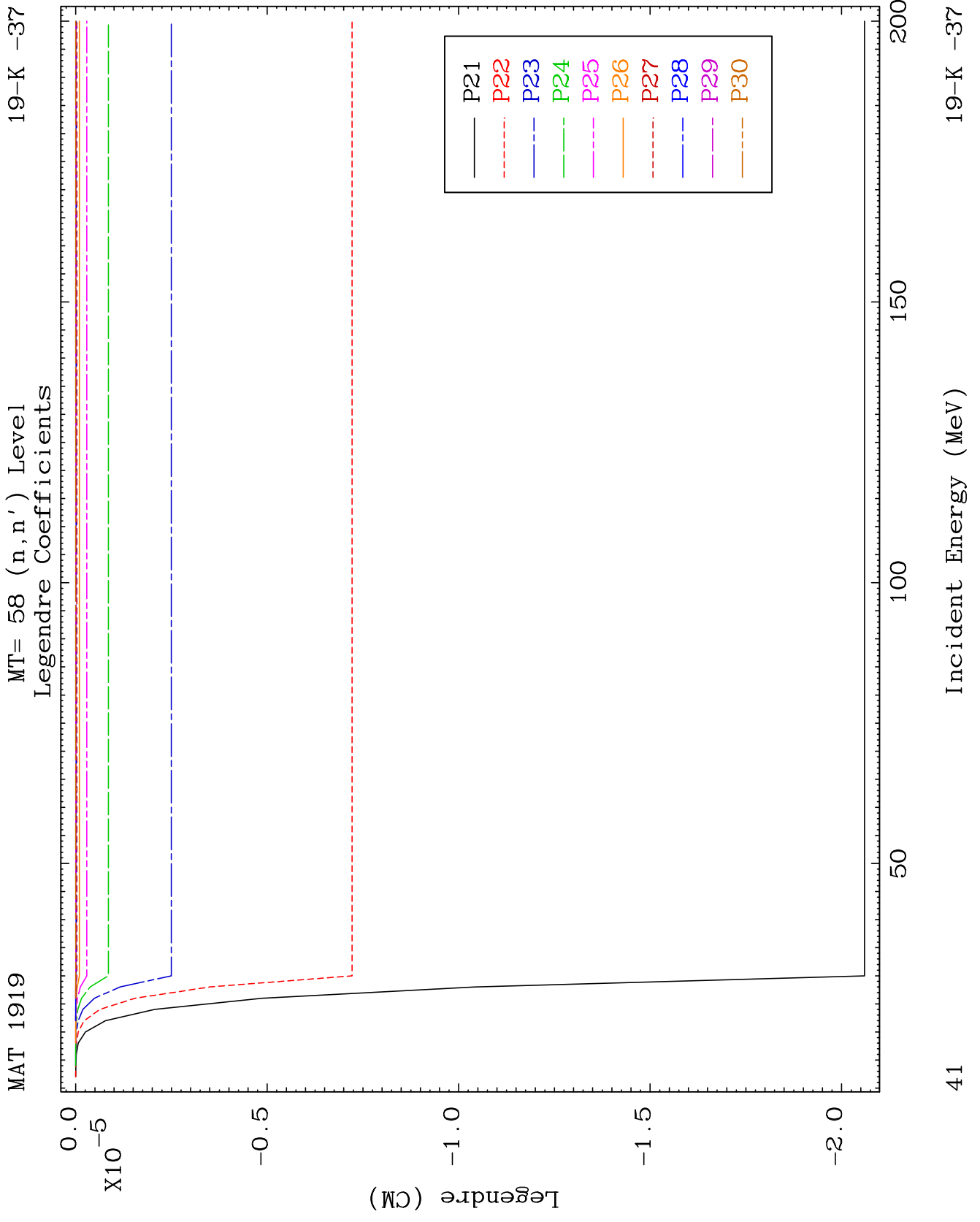
19-K -37

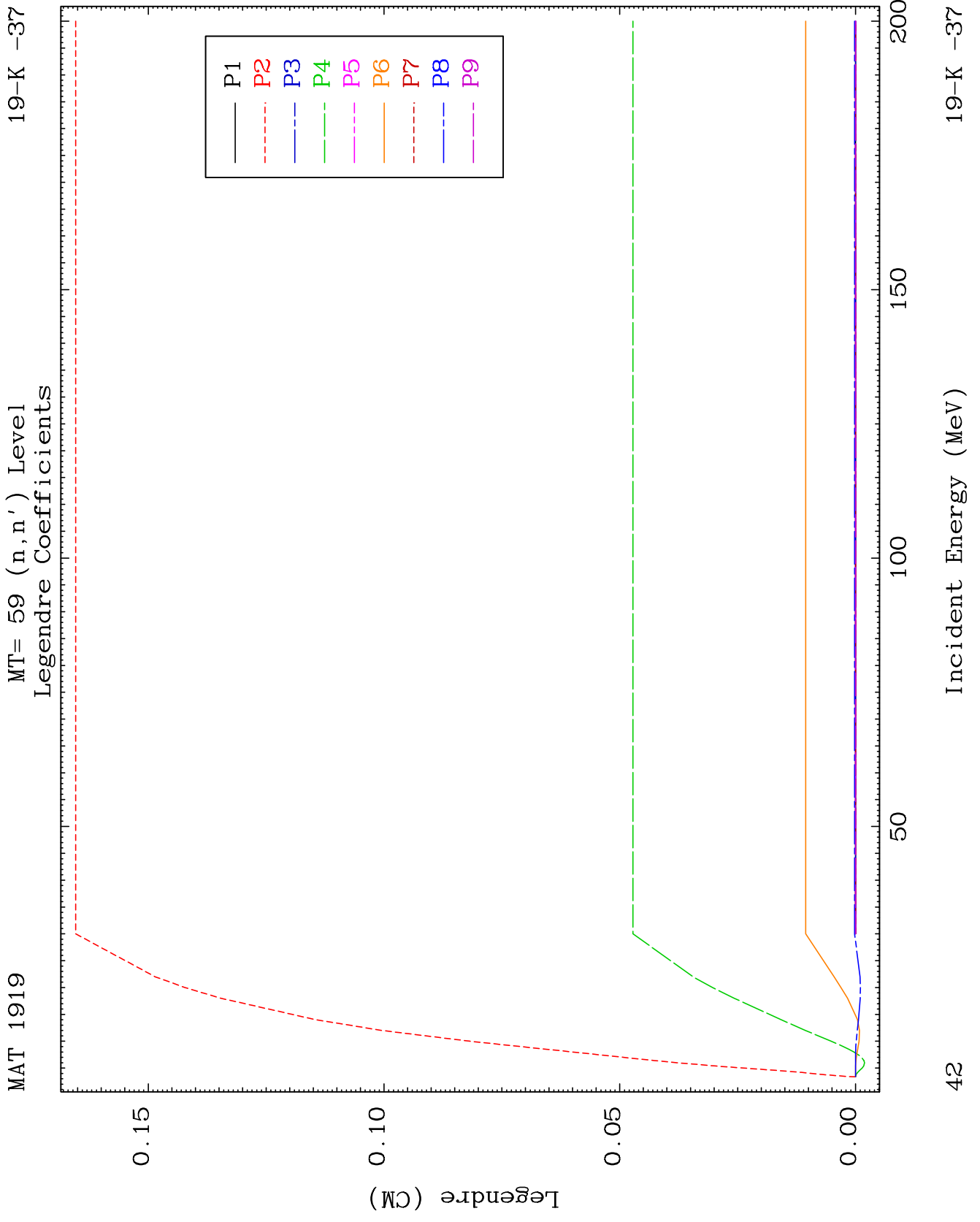


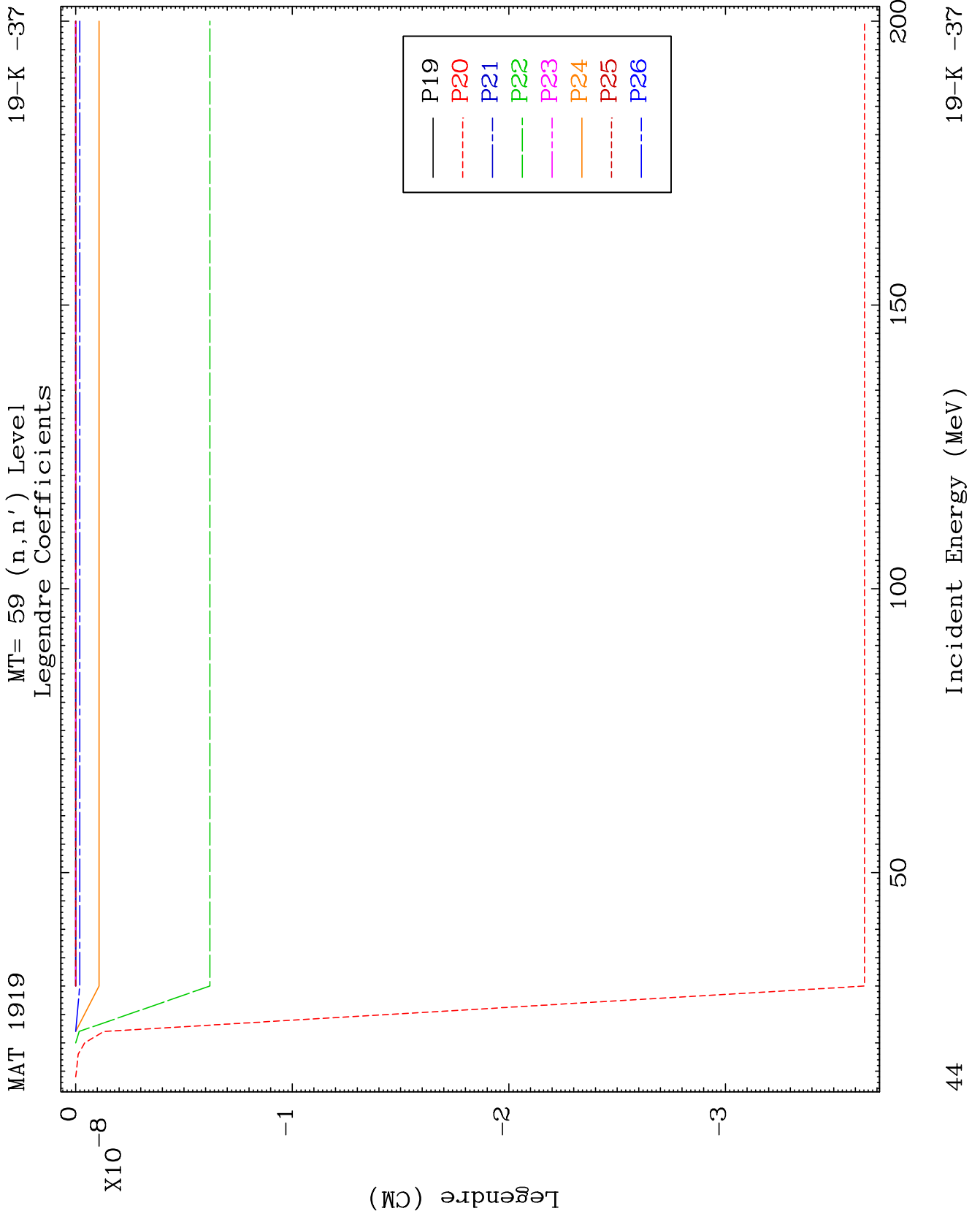
40

Incident Energy (MeV)

19-K -37



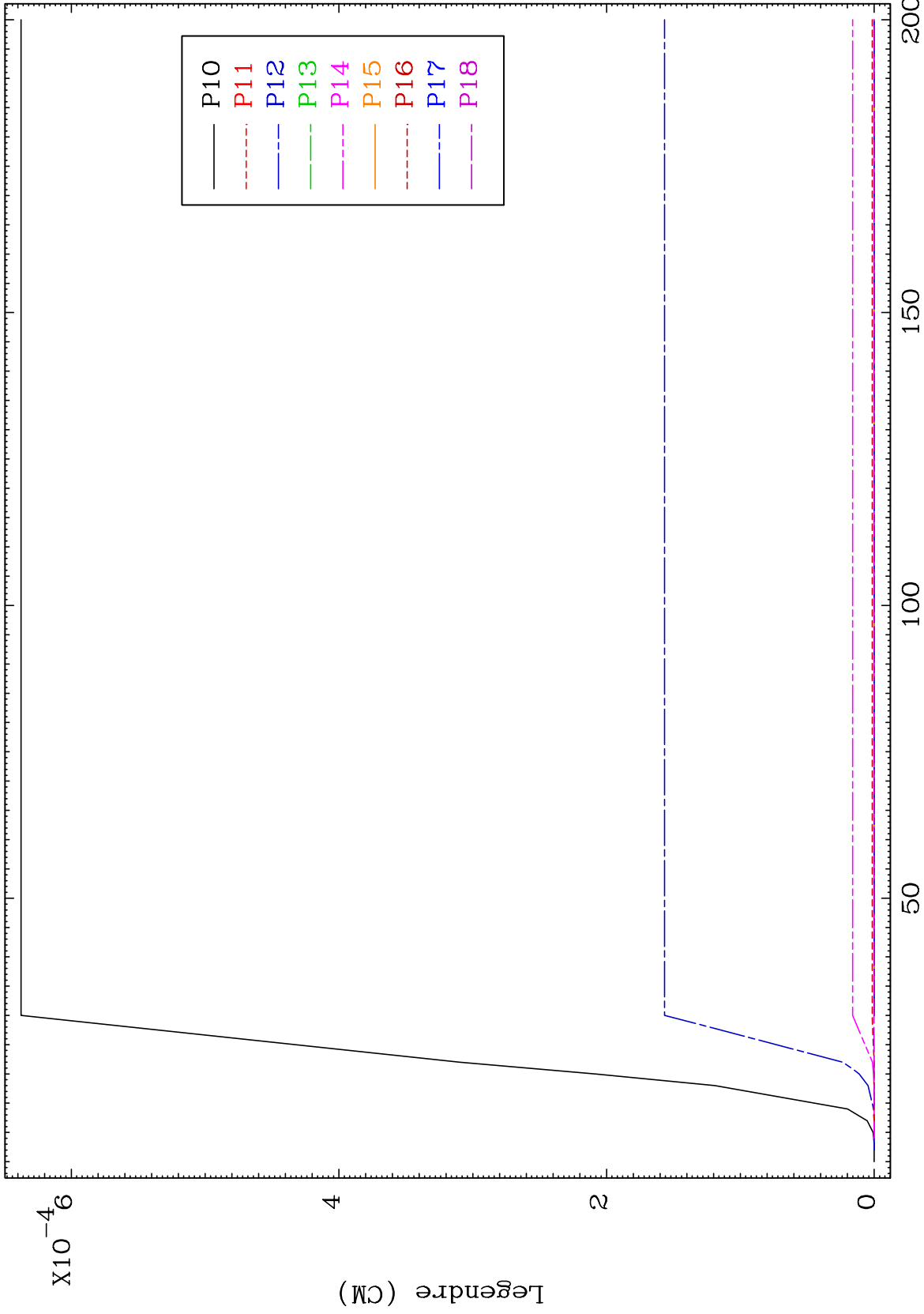




MAT 1919

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

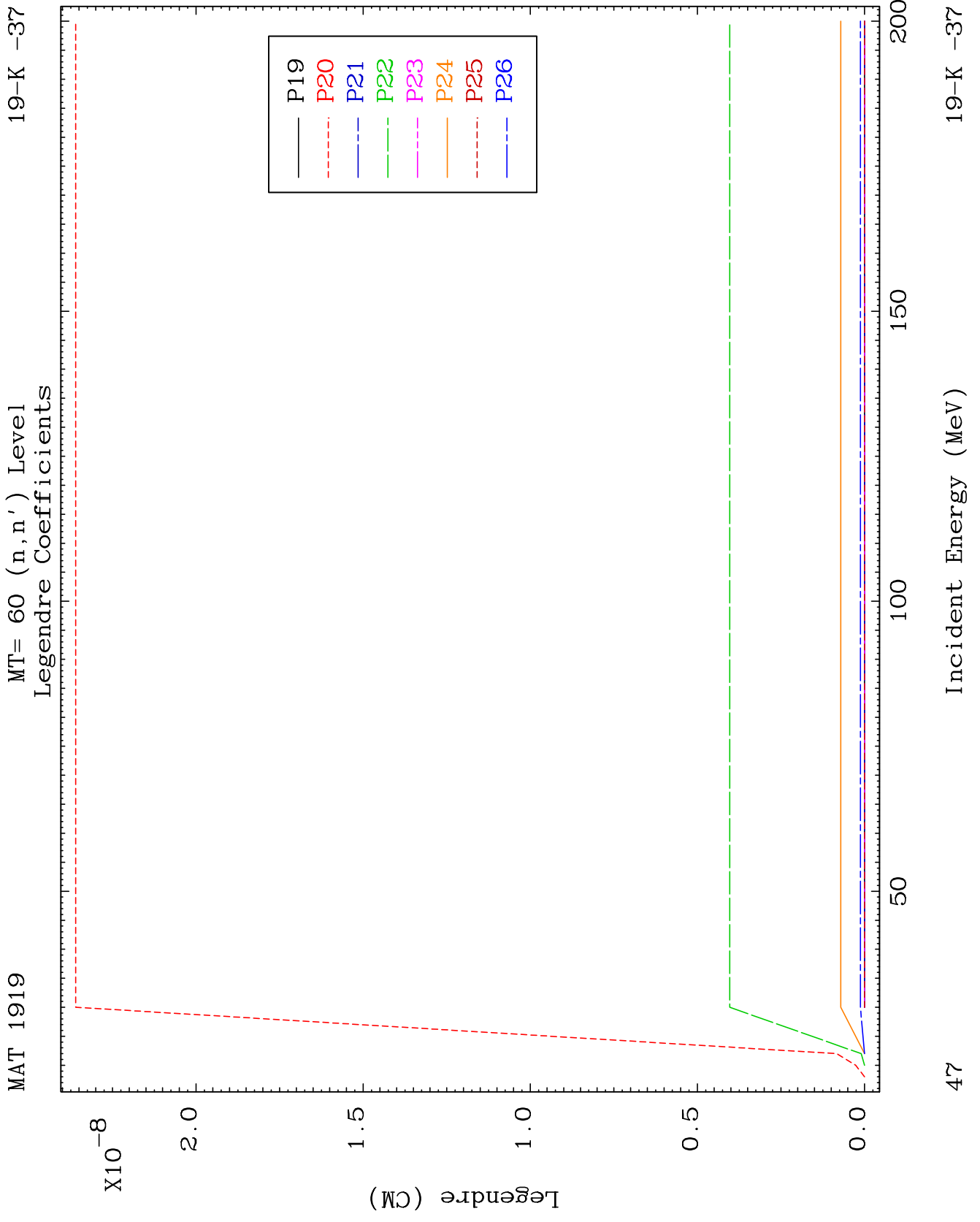
19-K -37



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Incident Energy (MeV)

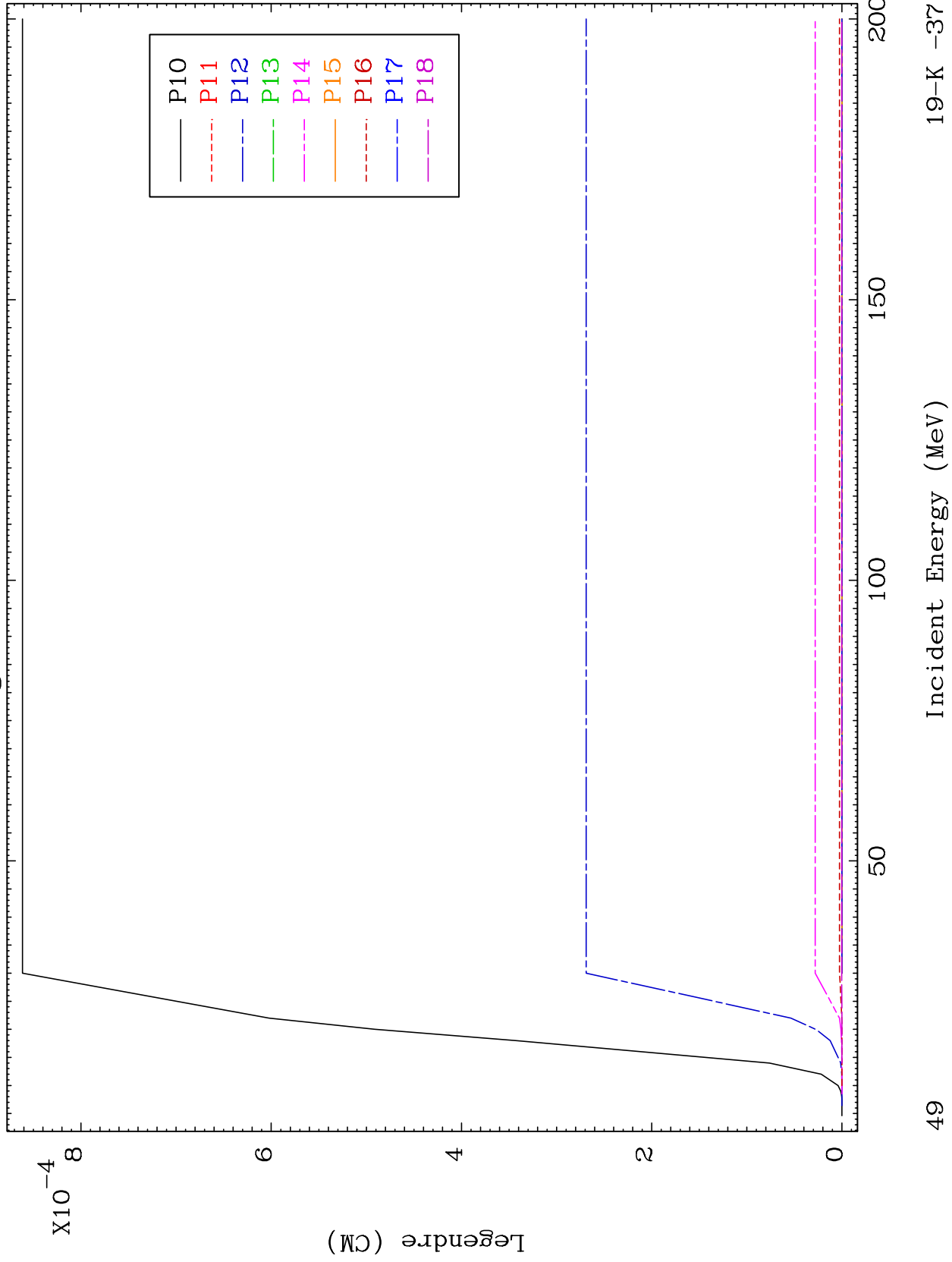
19-K -37

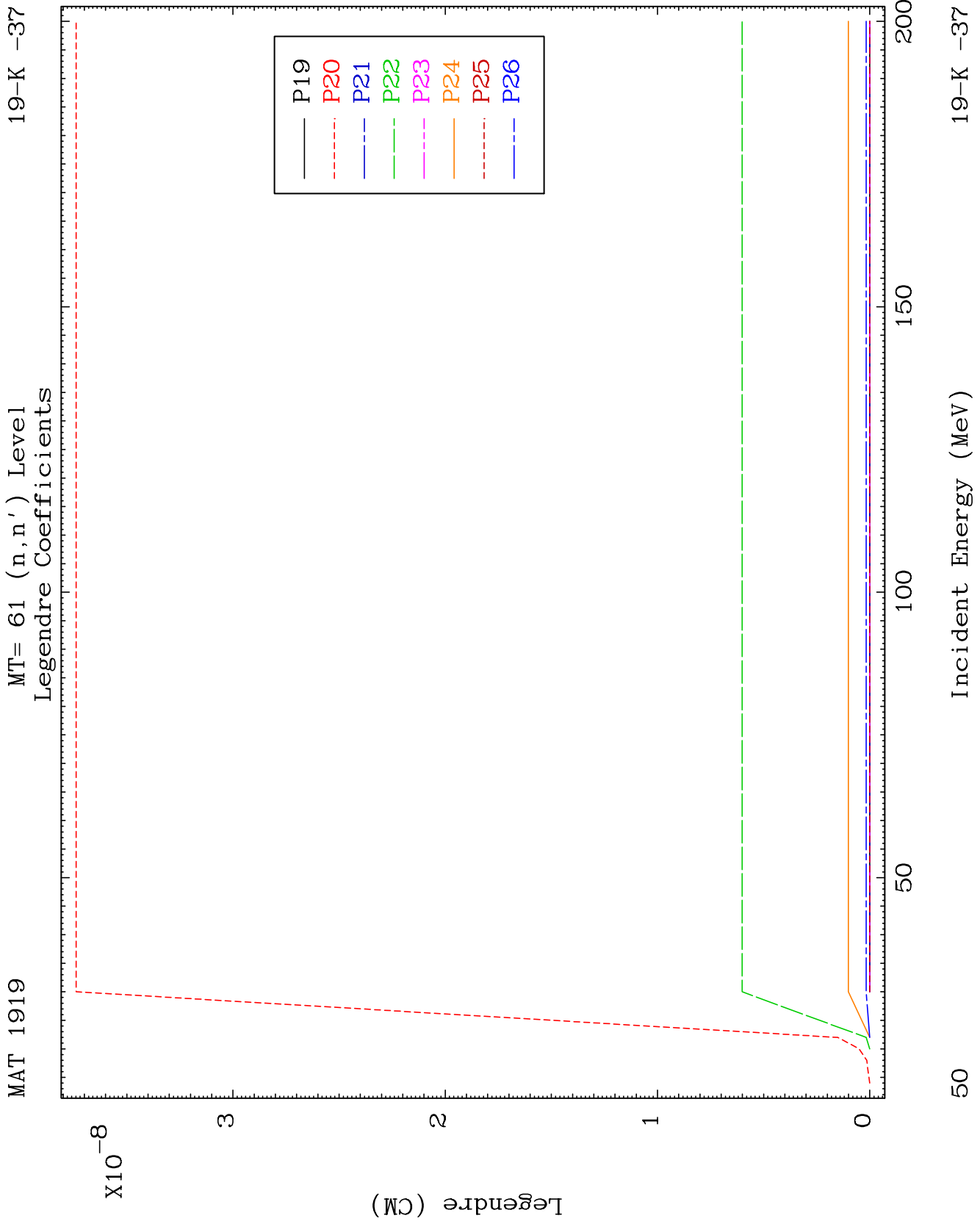


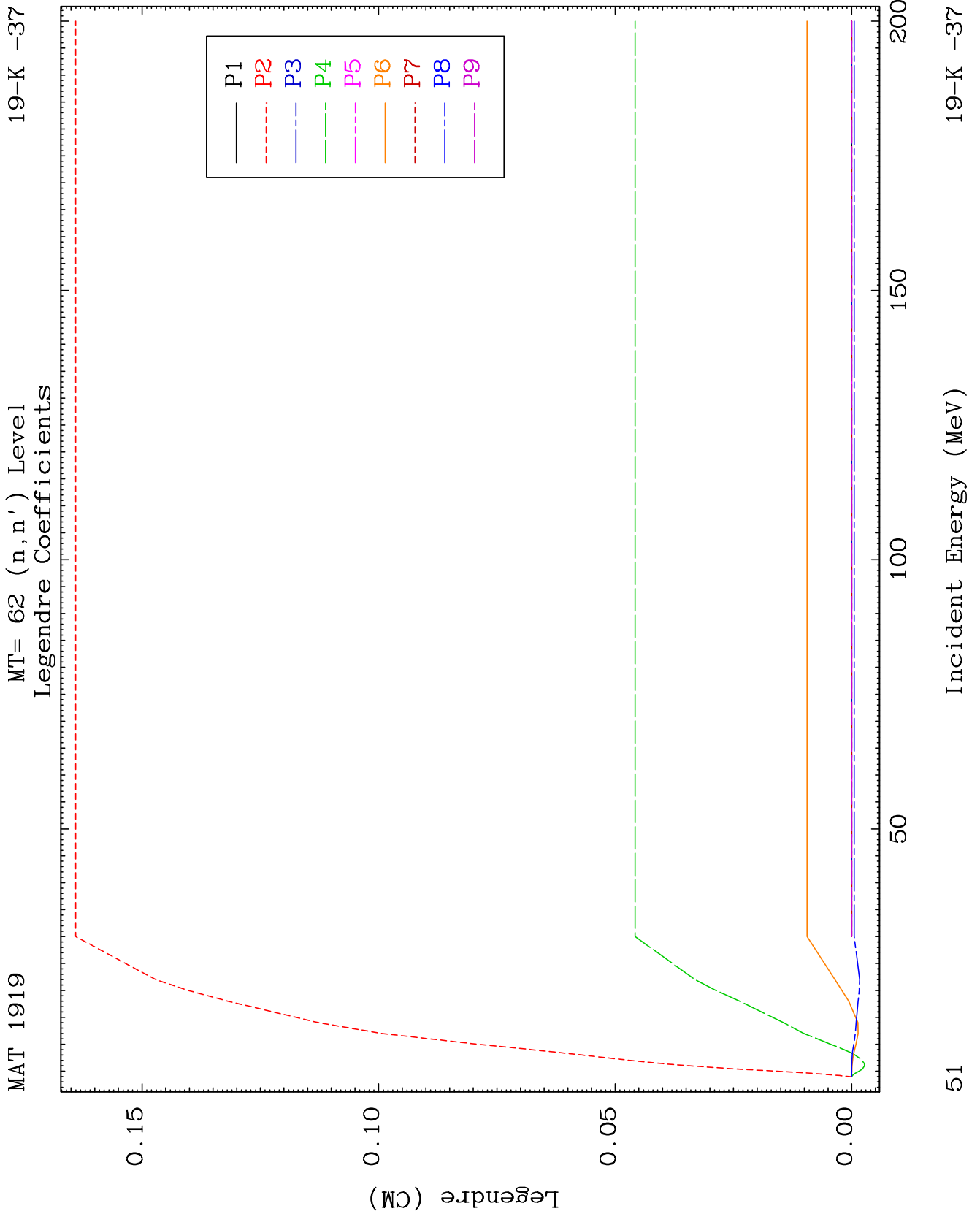
MAT 1919

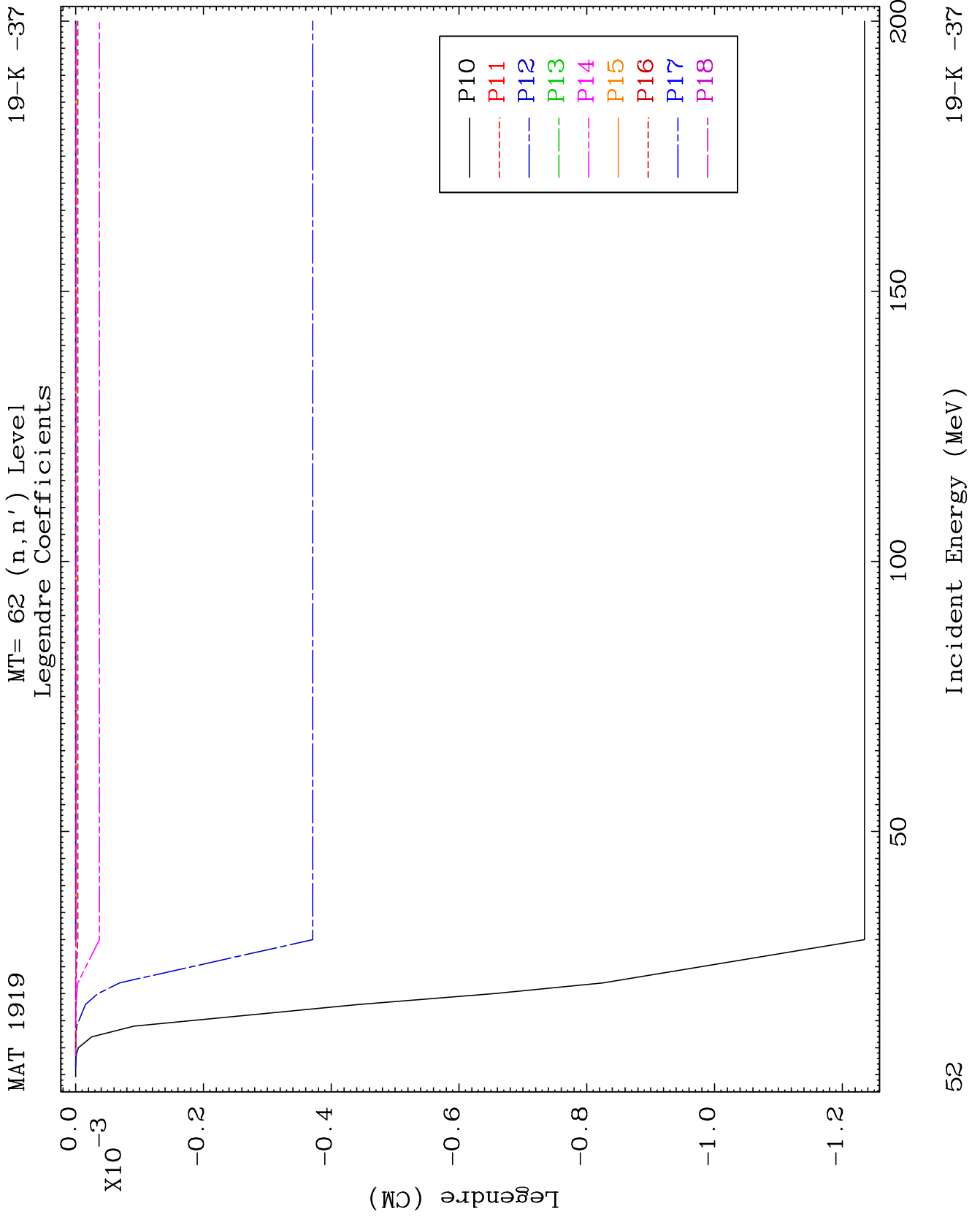
MT= 61 (n,n') Level
Legendre Coefficients

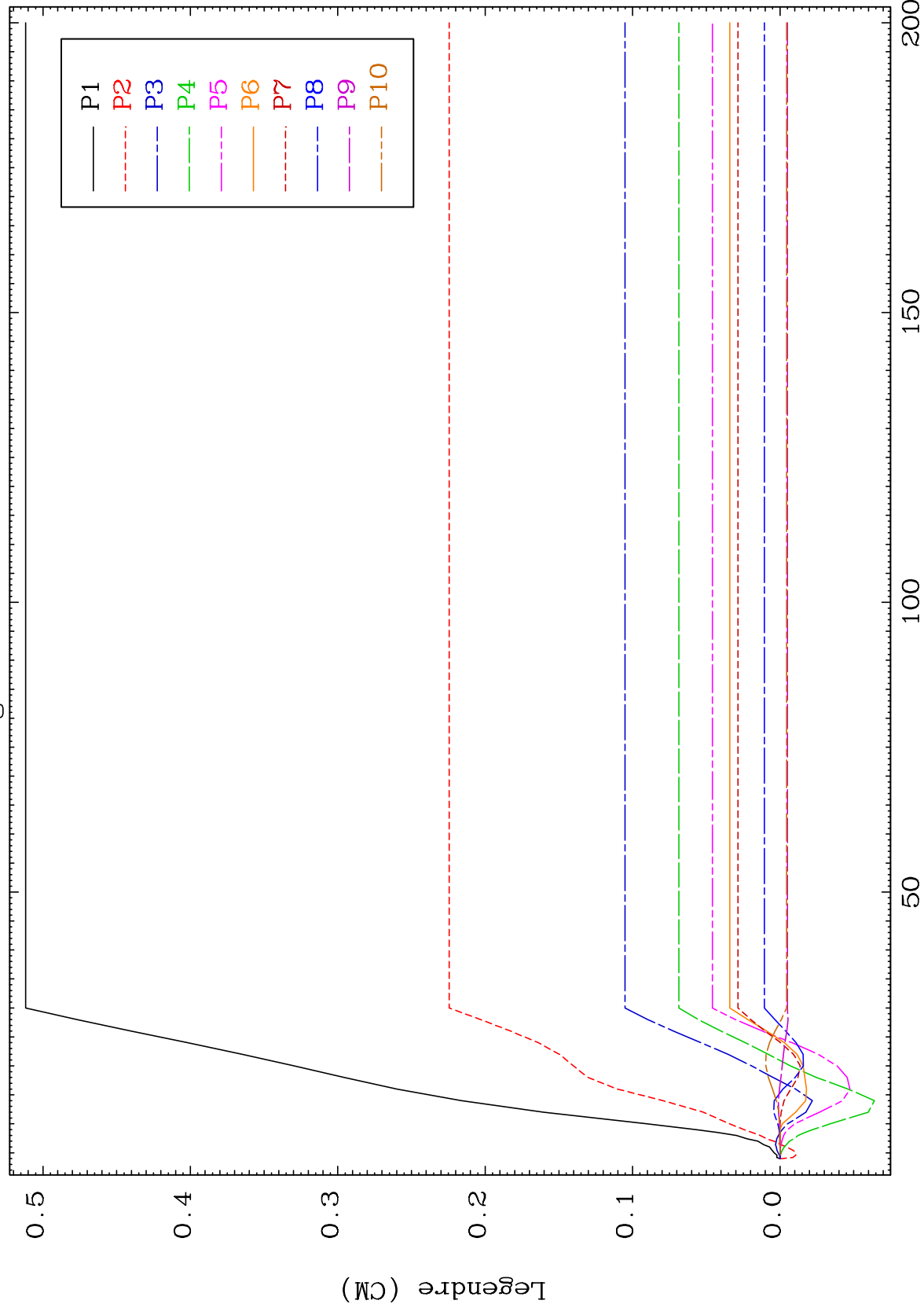
19-K -37







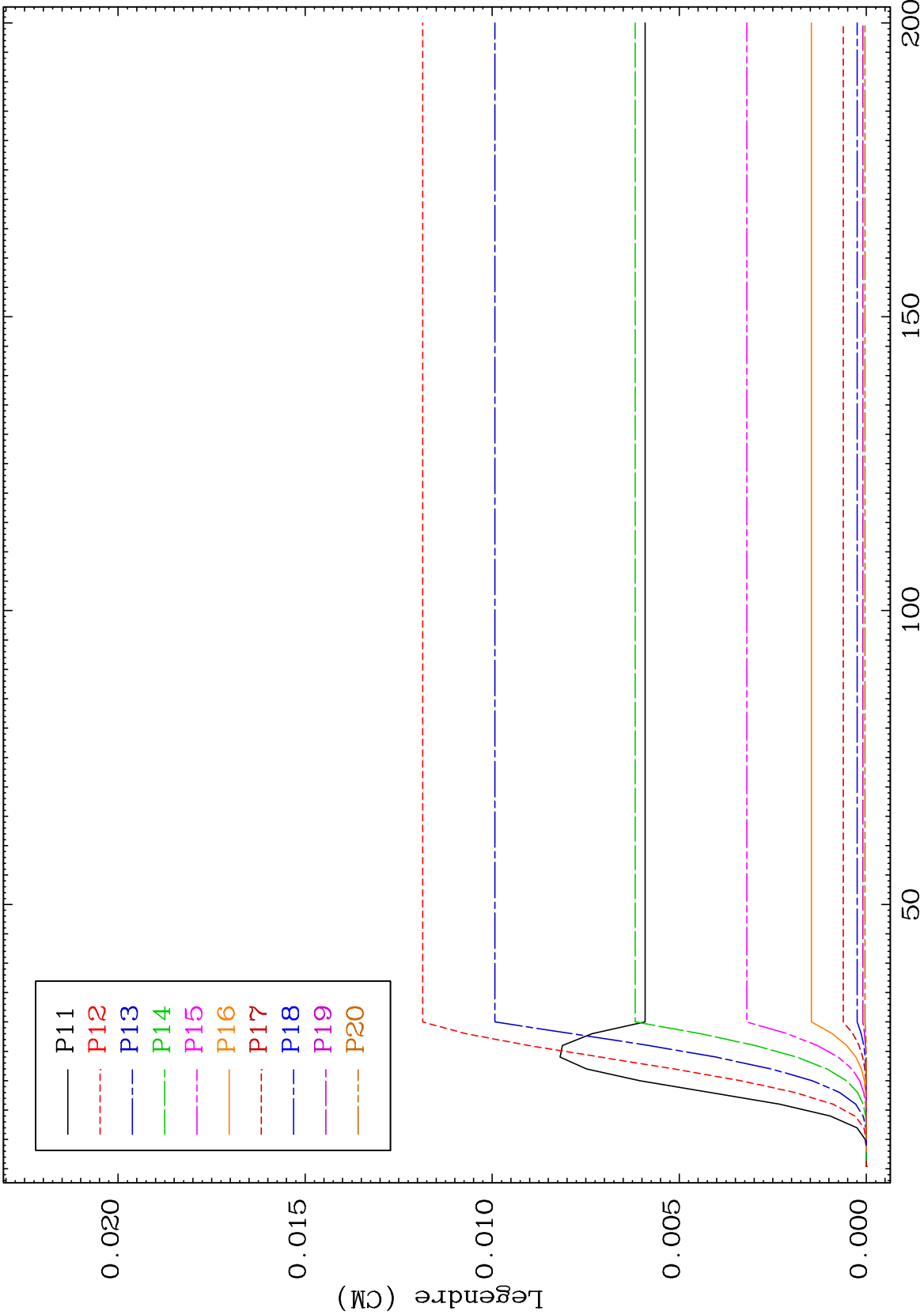




MAT 1919

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

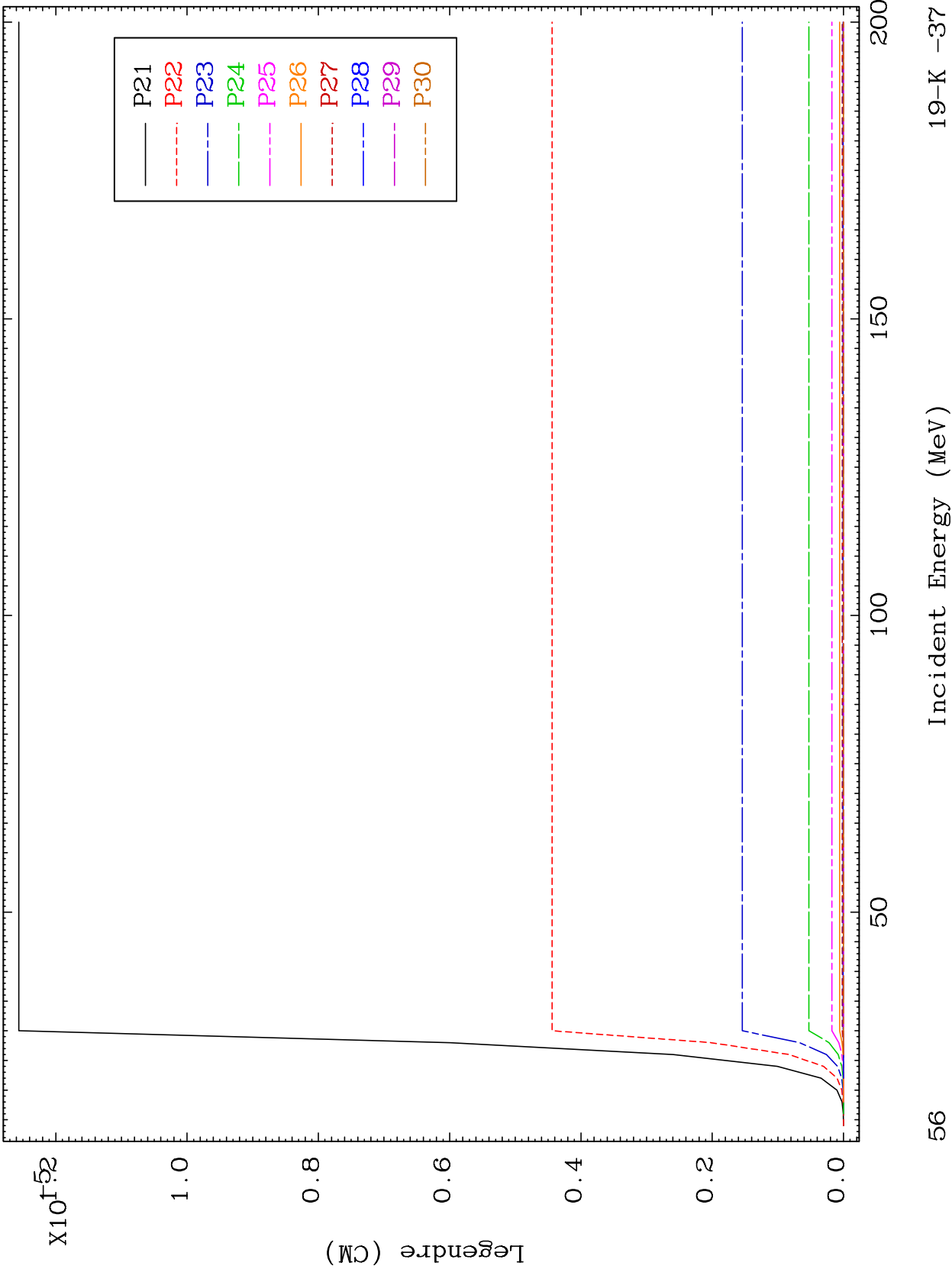
19-K -37

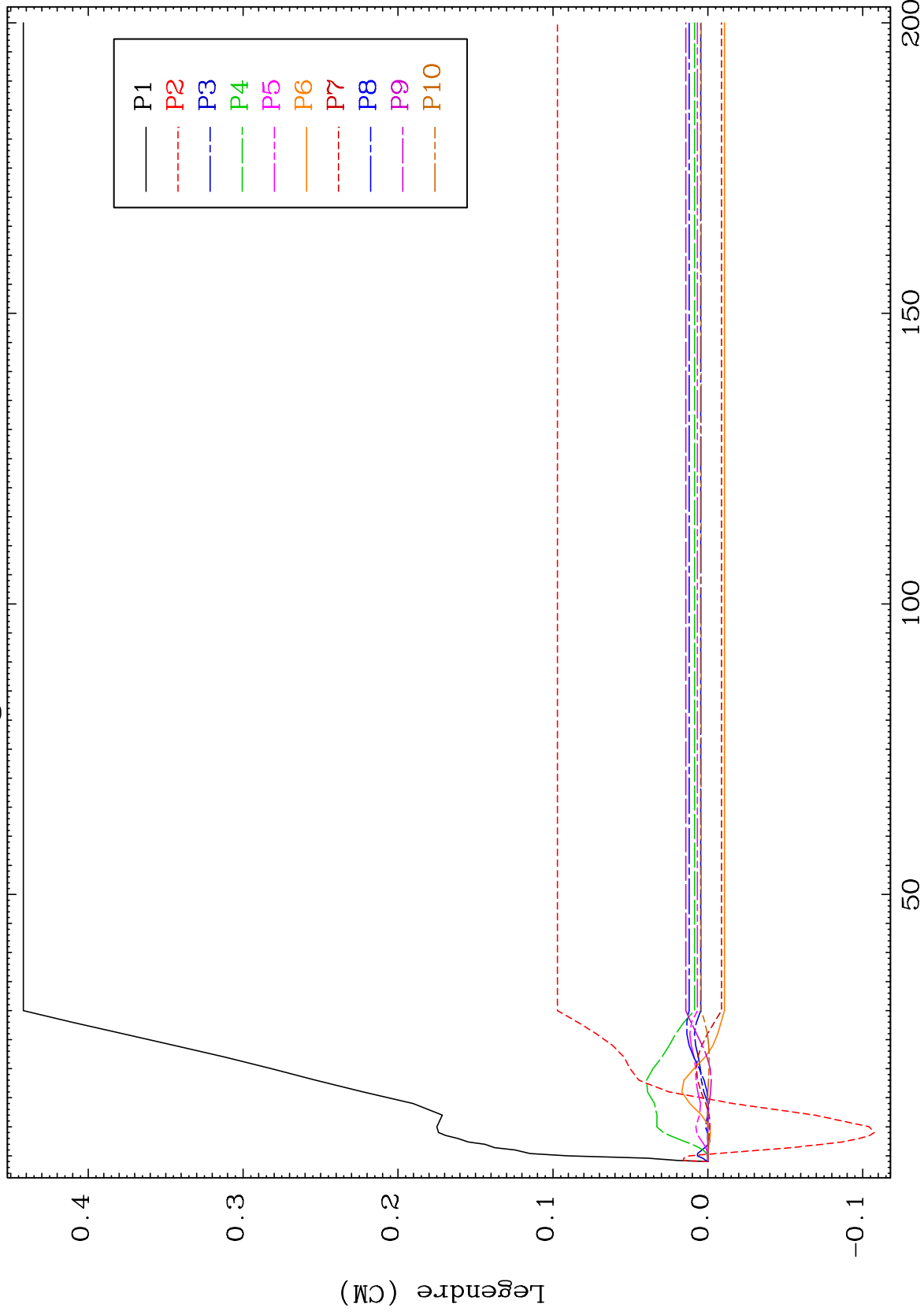


55

Incident Energy (MeV)

19-K -37

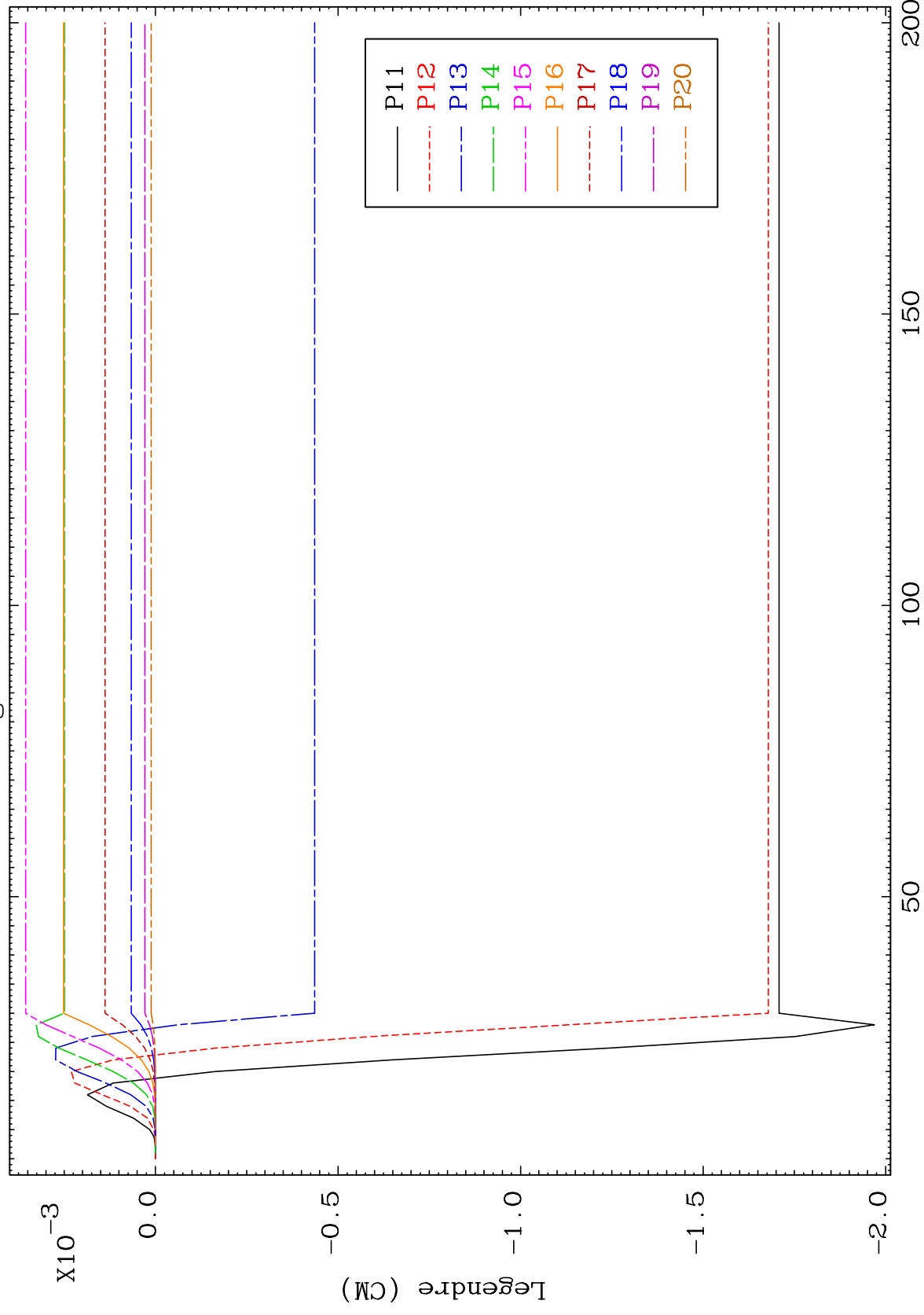




MAT 1919

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

19-K -37



58

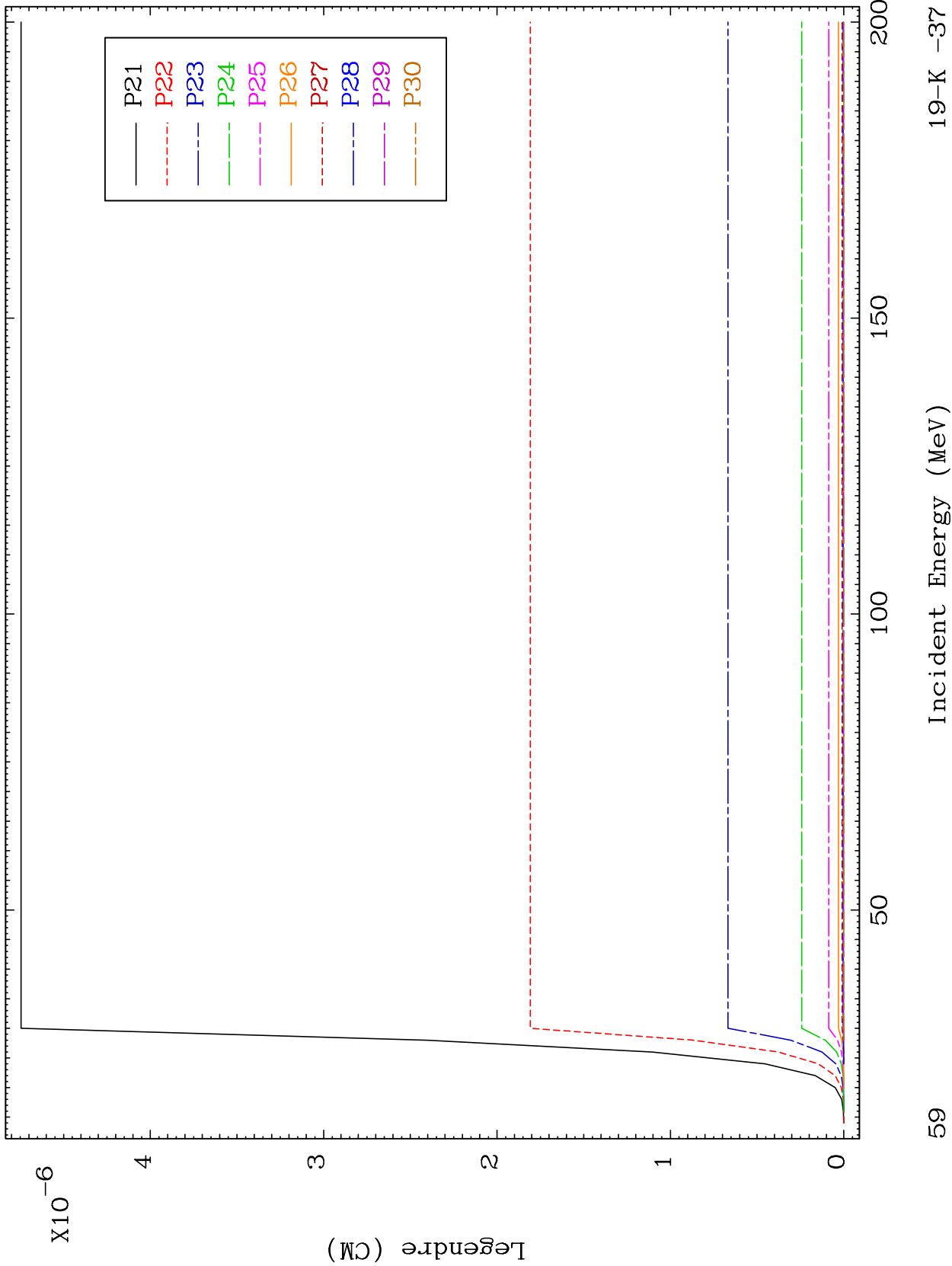
Incident Energy (MeV)

19-K -37

MAT 1919

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

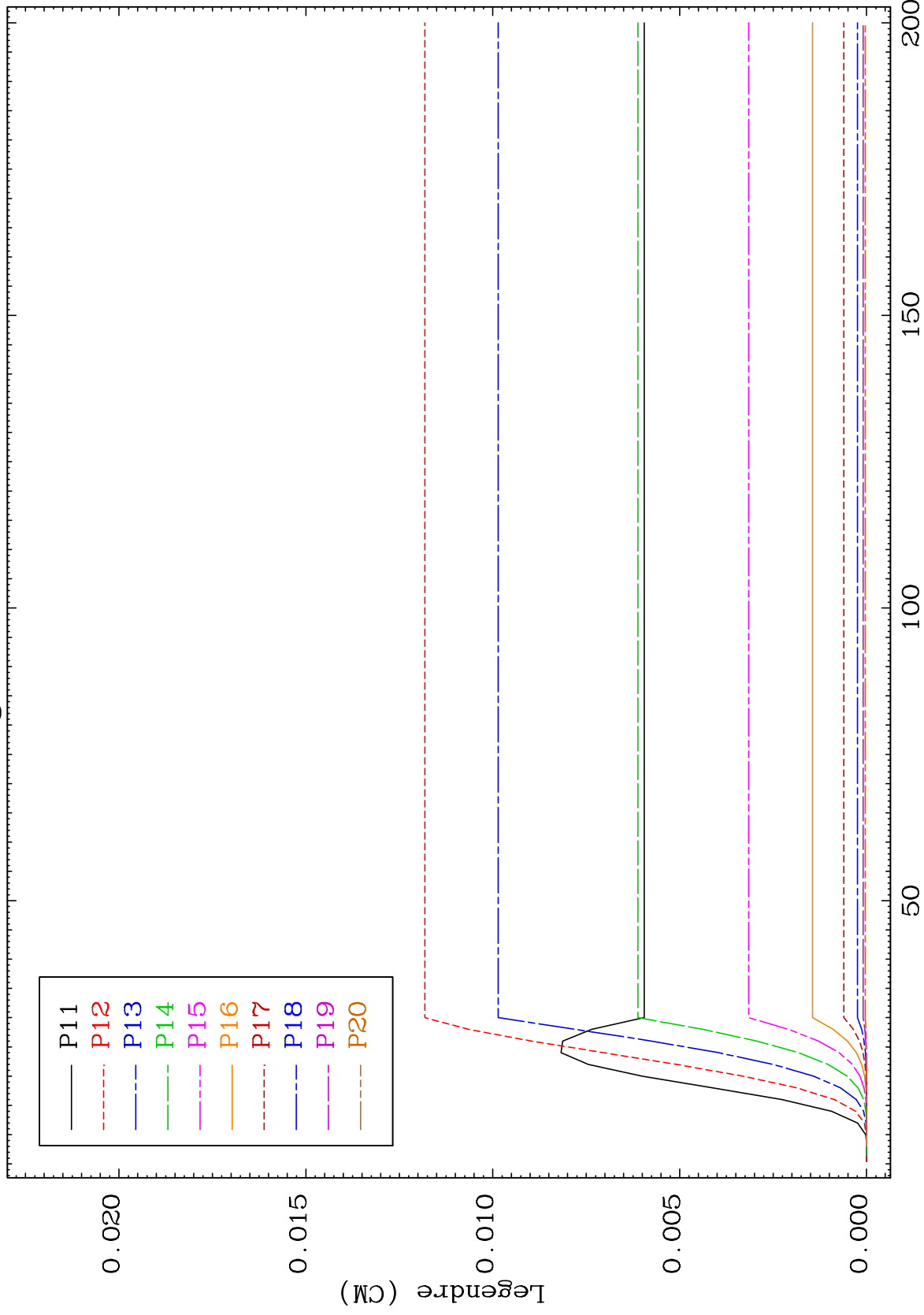
19-K -37



MAT 1919

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

19-K -37



61

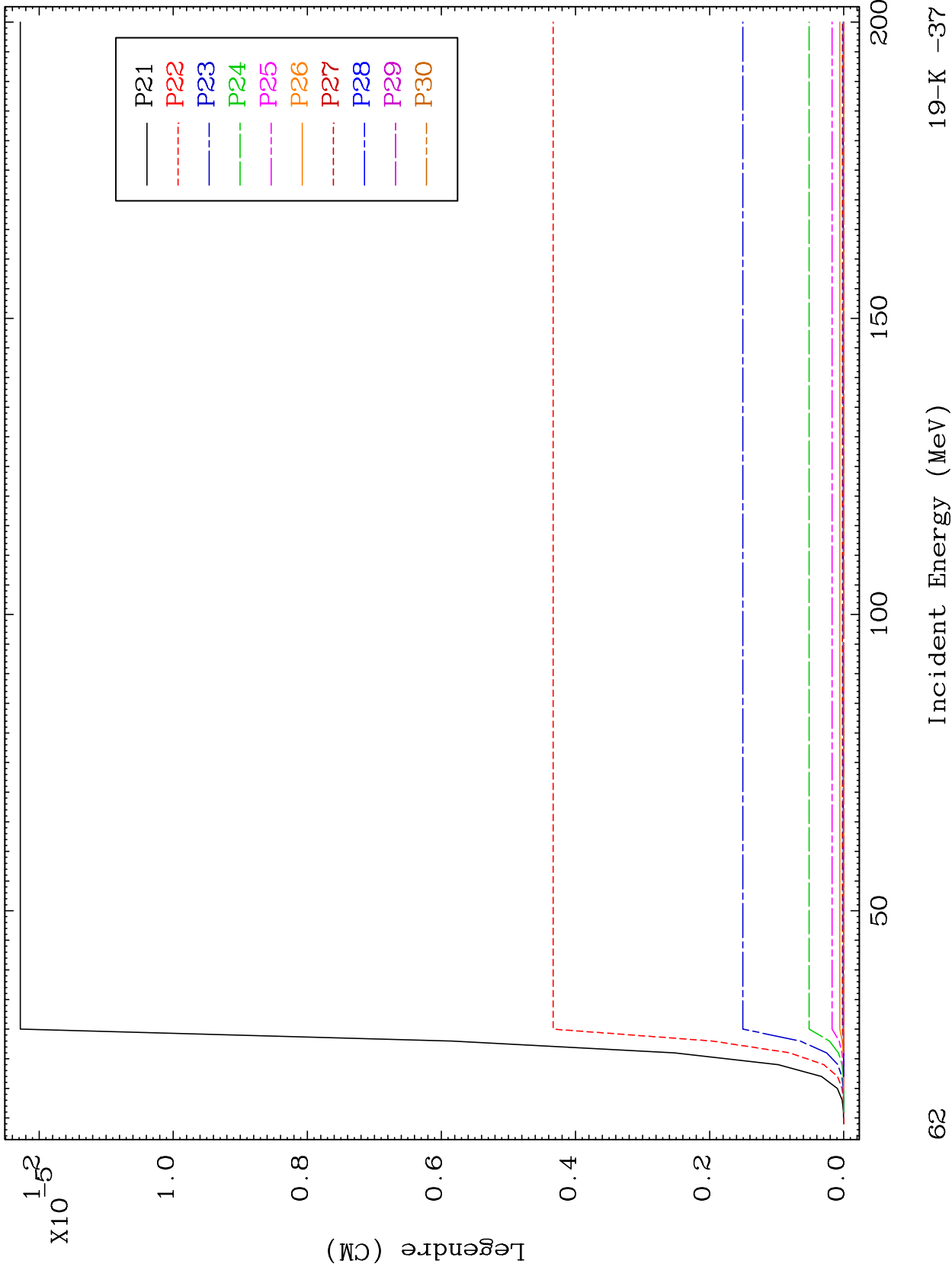
Incident Energy (MeV)

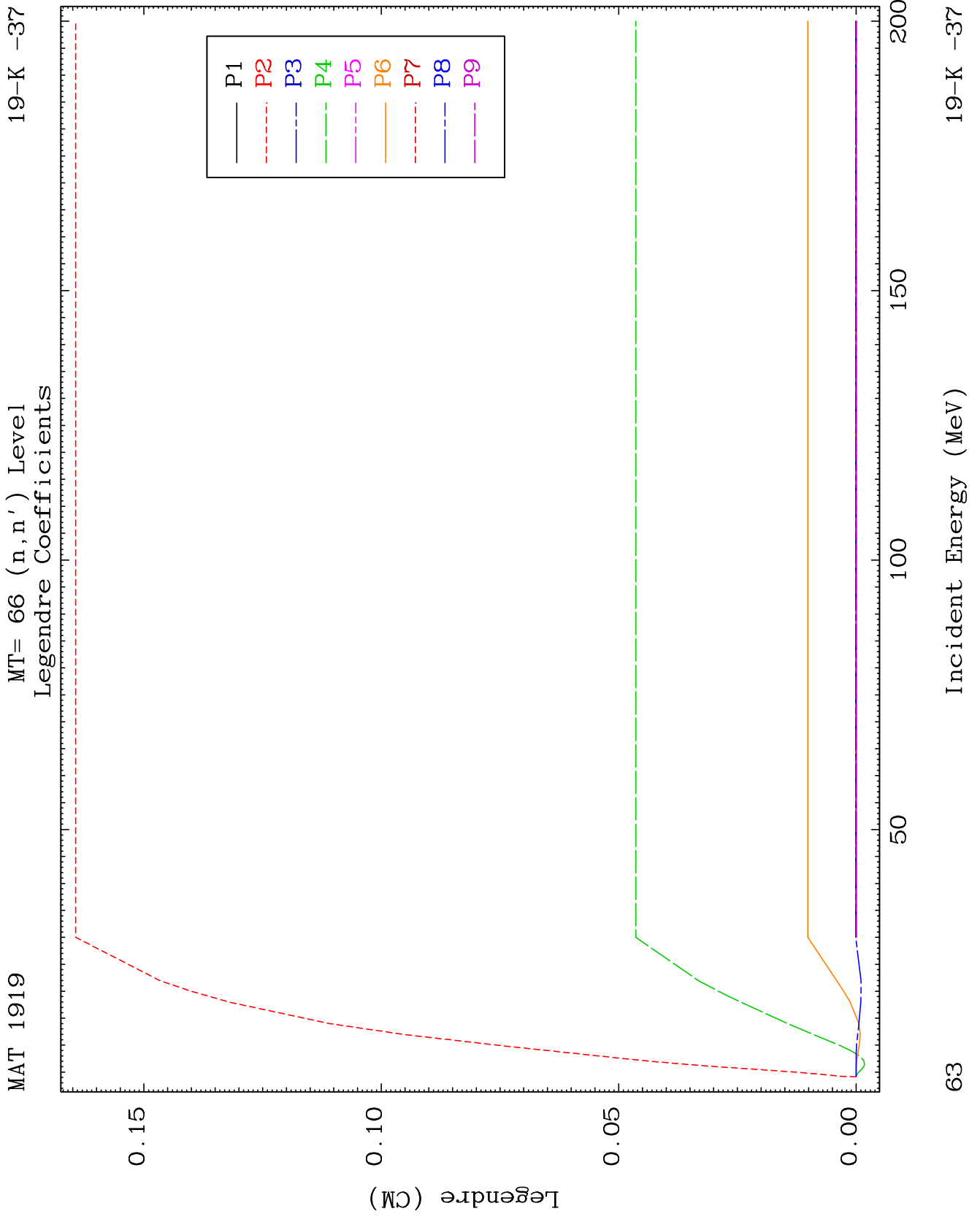
19-K -37

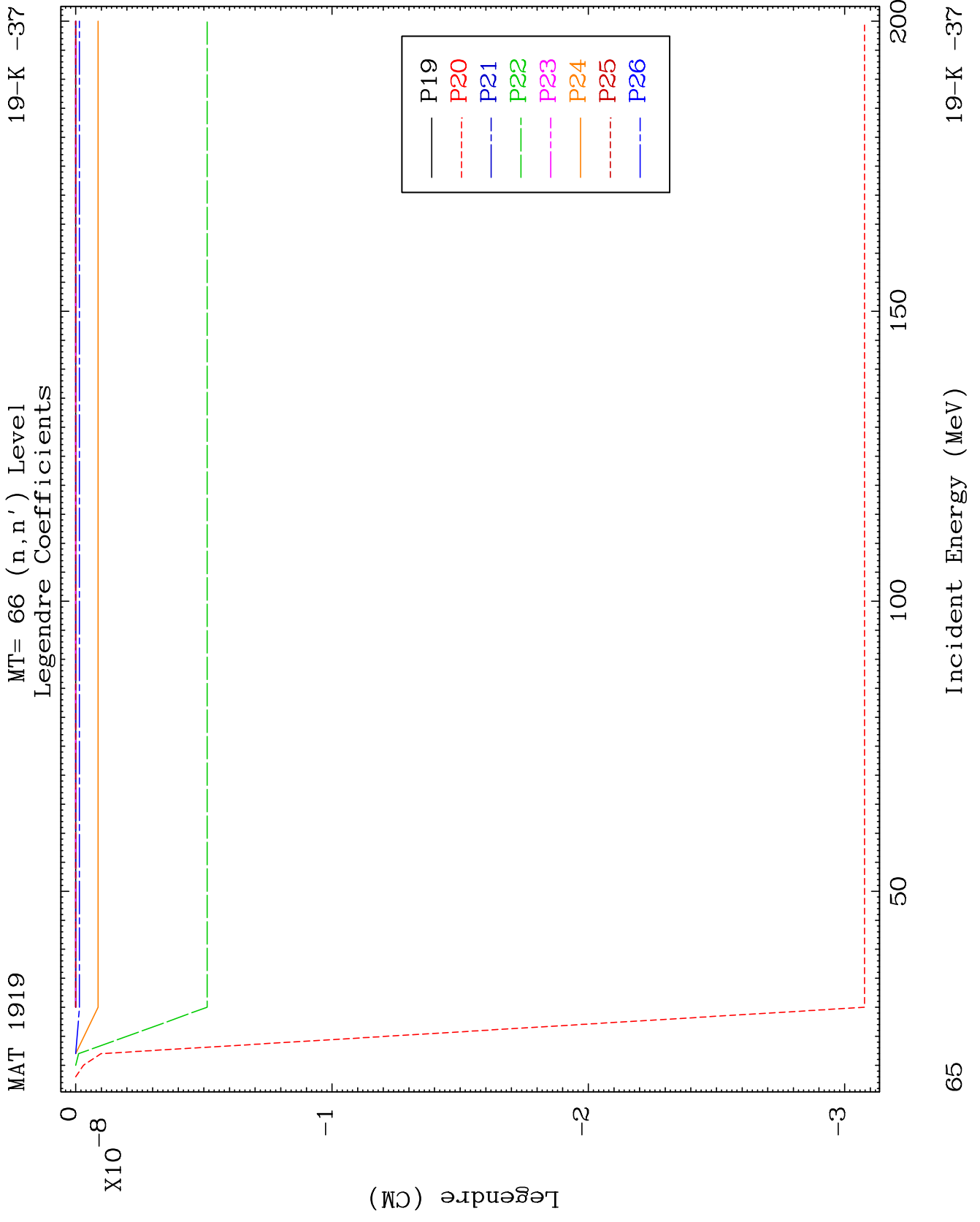
MAT 1919

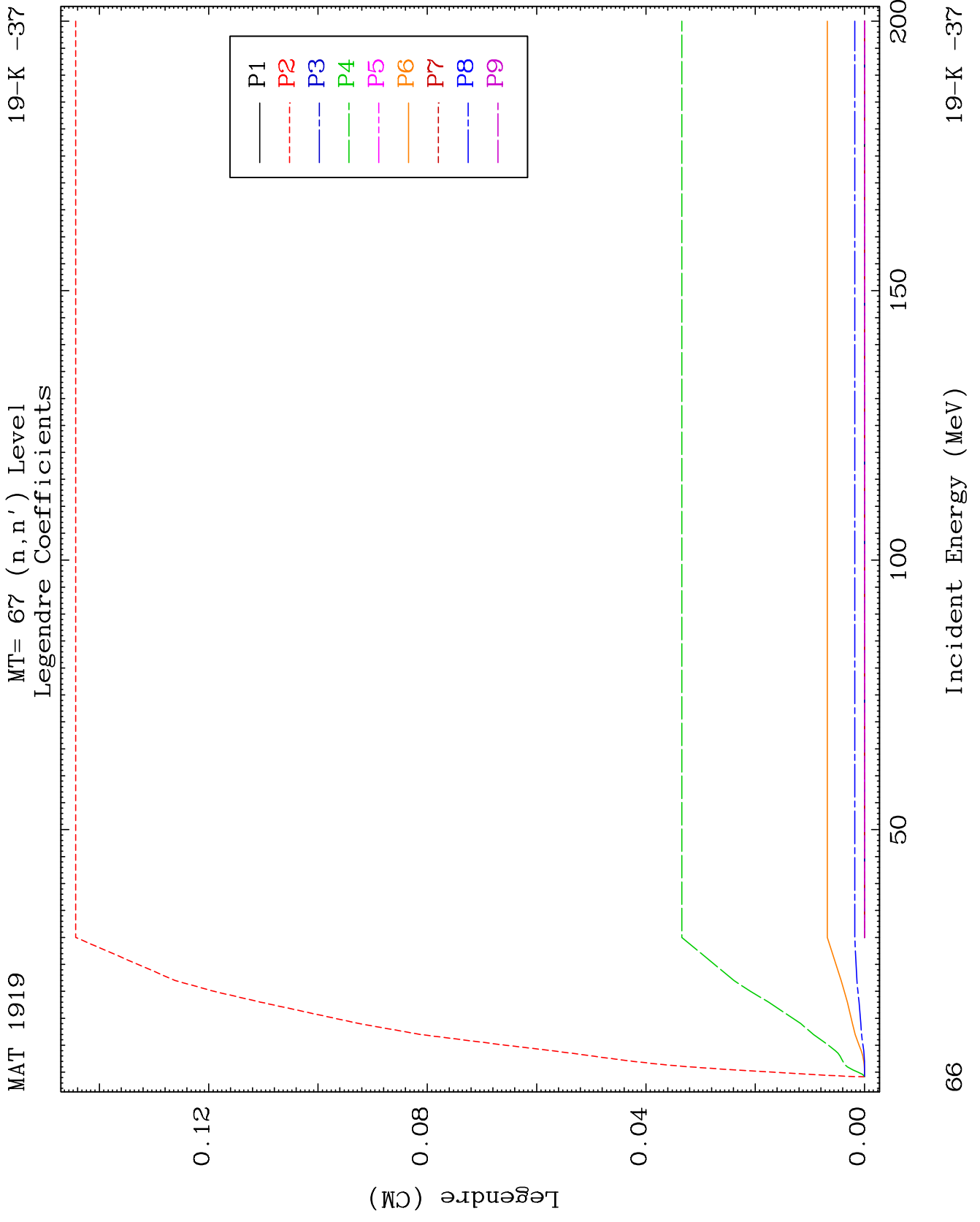
MT= 65 (n,n') Level
Legendre Coefficients

19-K -37





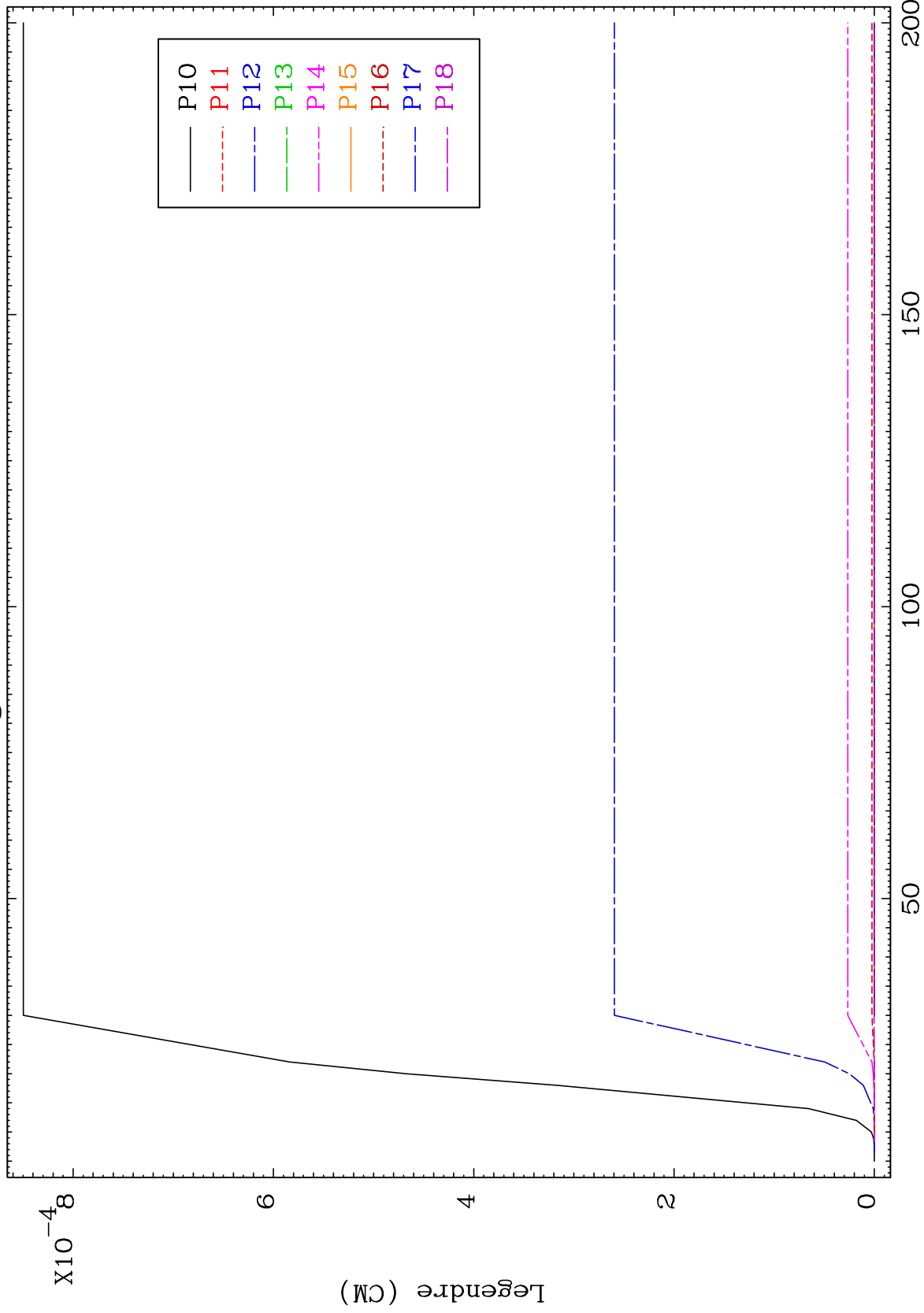




MAT 1919

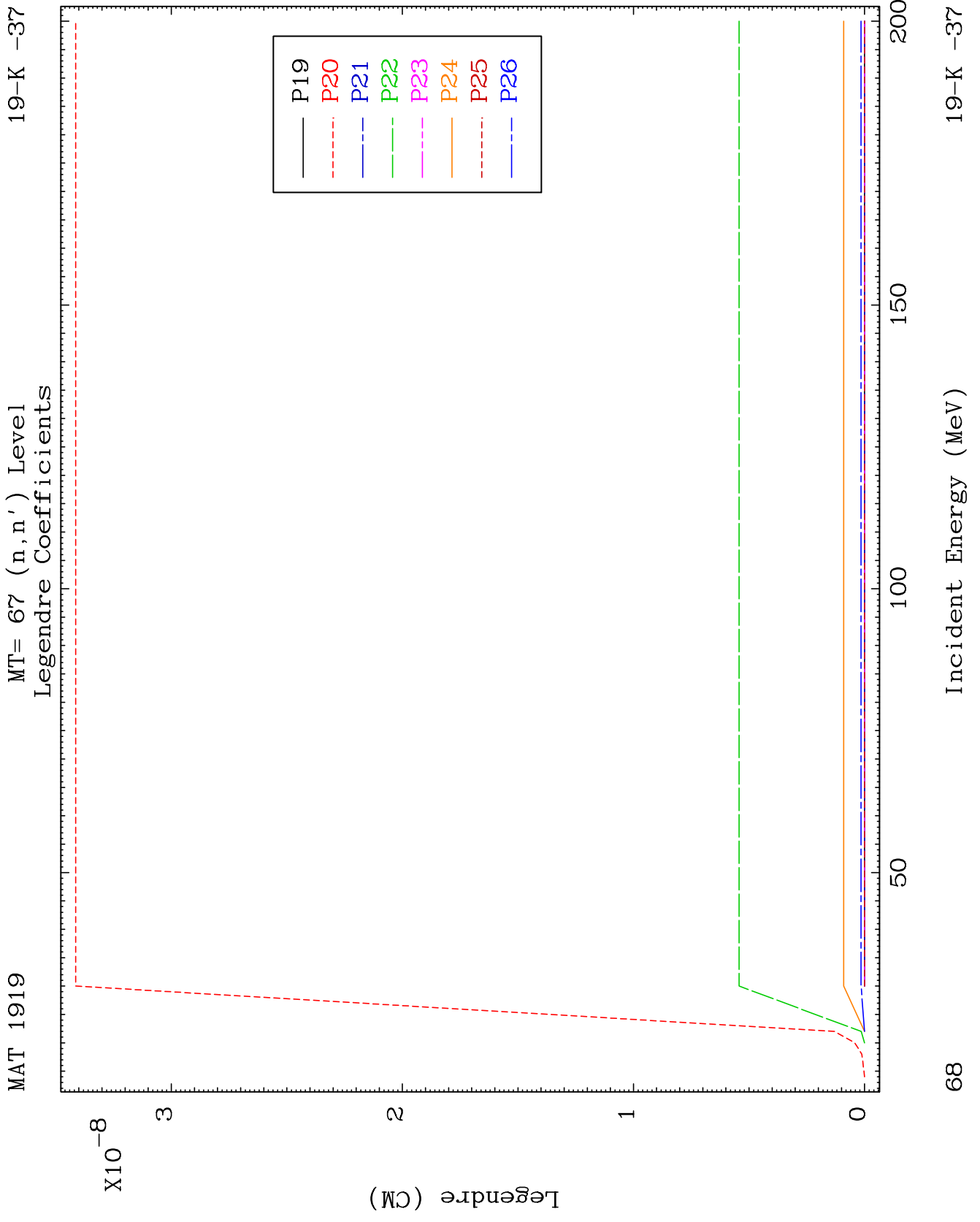
MT= 67 (n,n') Level
Legendre Coefficients

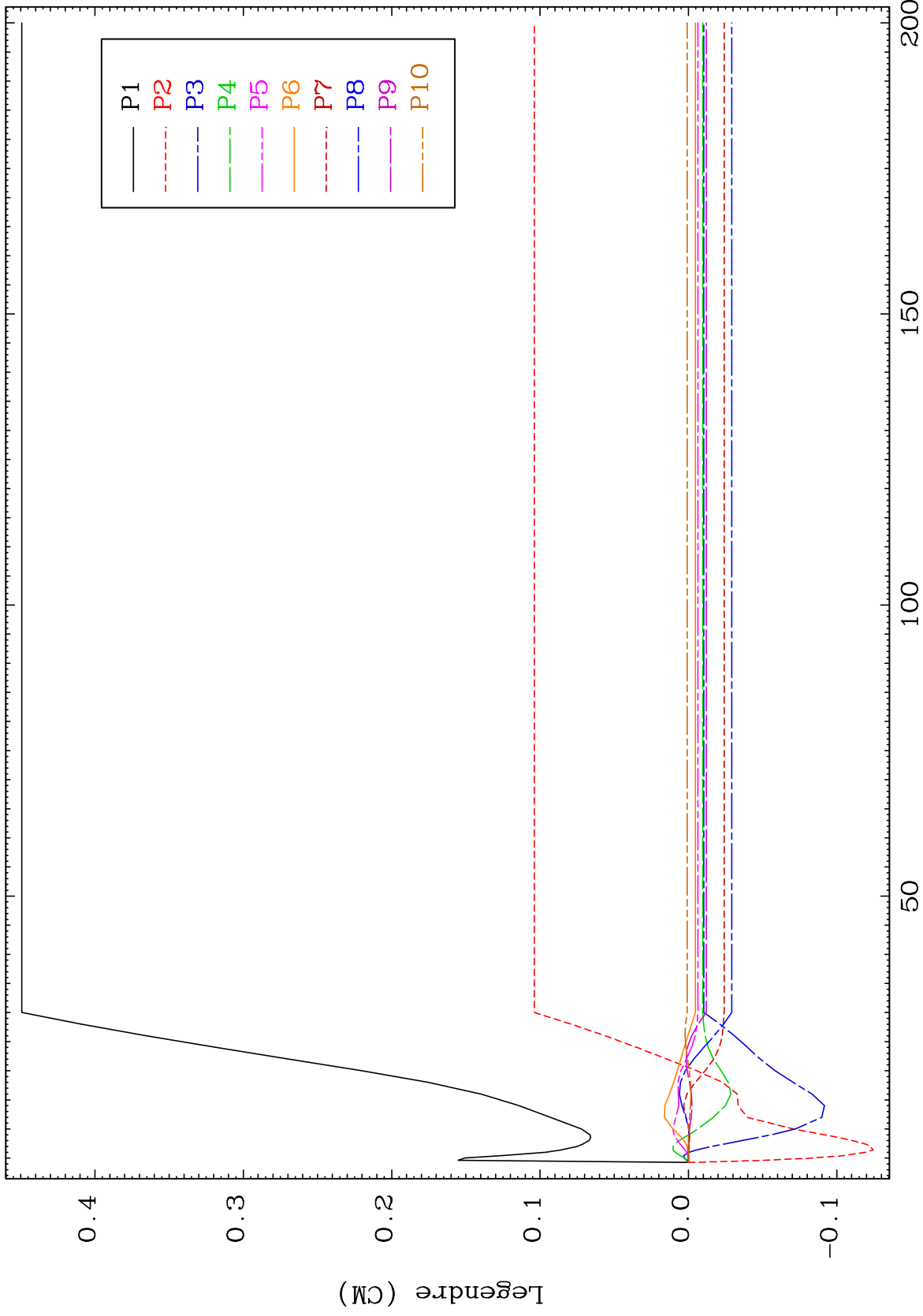
19-K -37



67

19-K -37

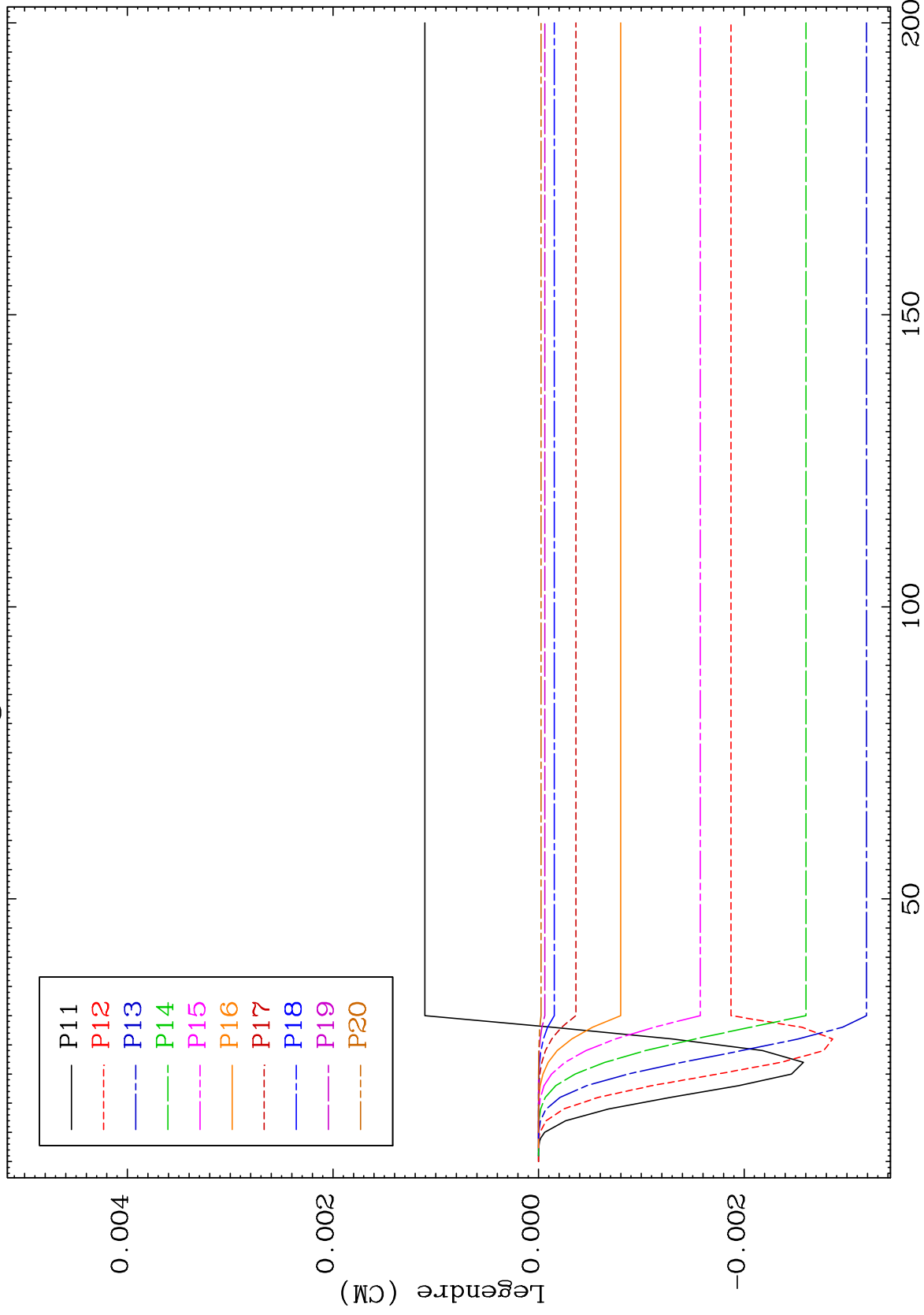




MAT 1919

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

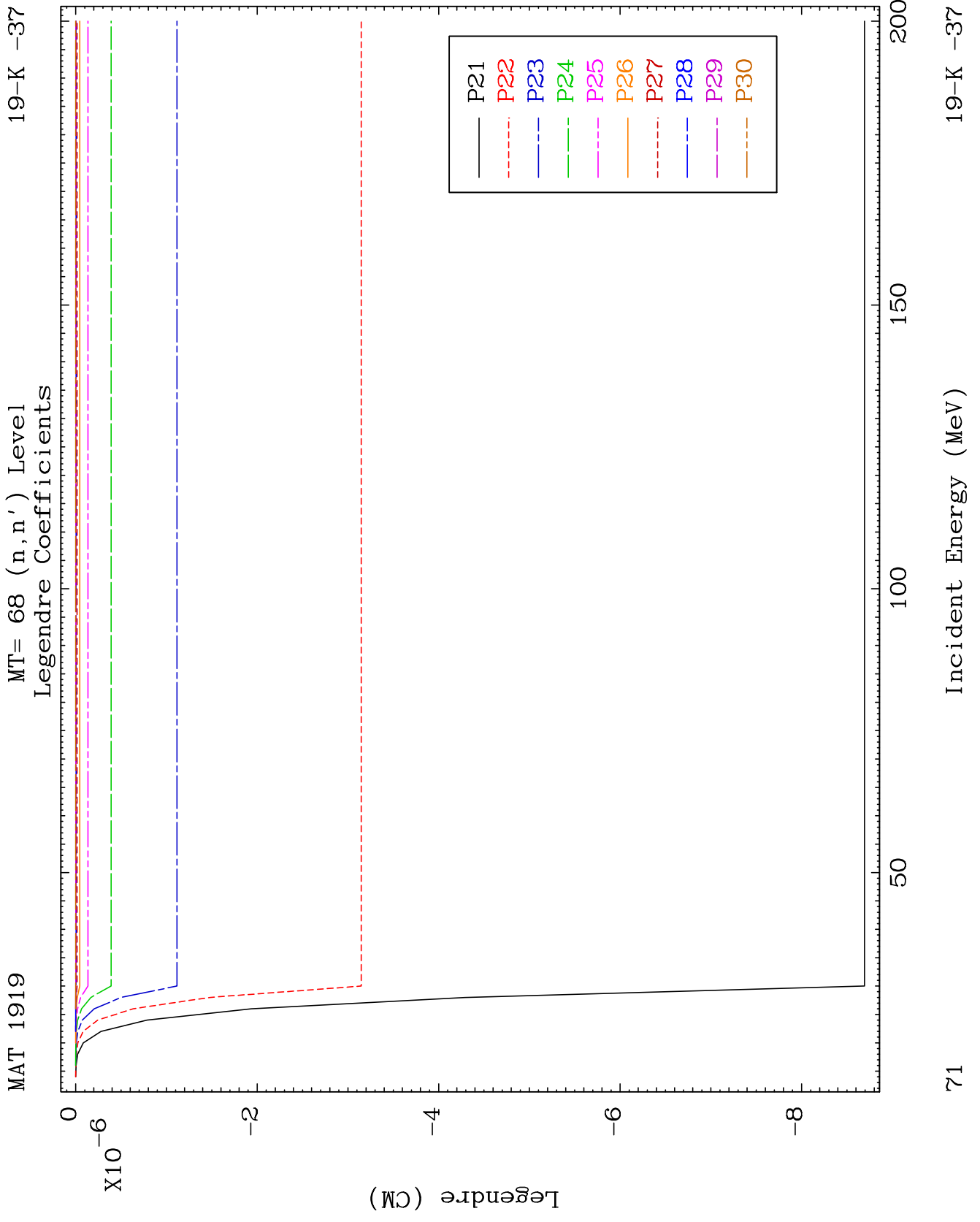
19-K -37

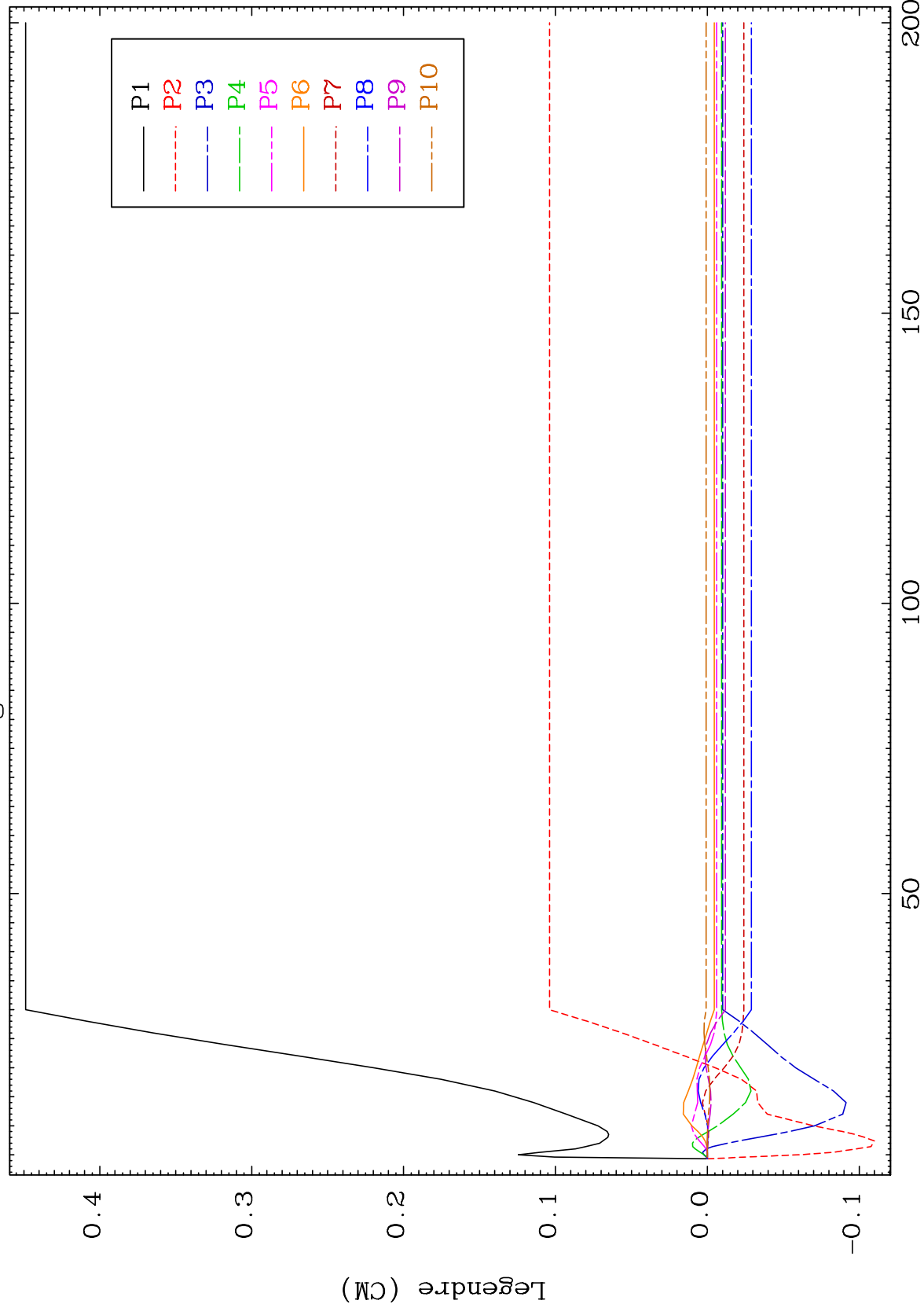


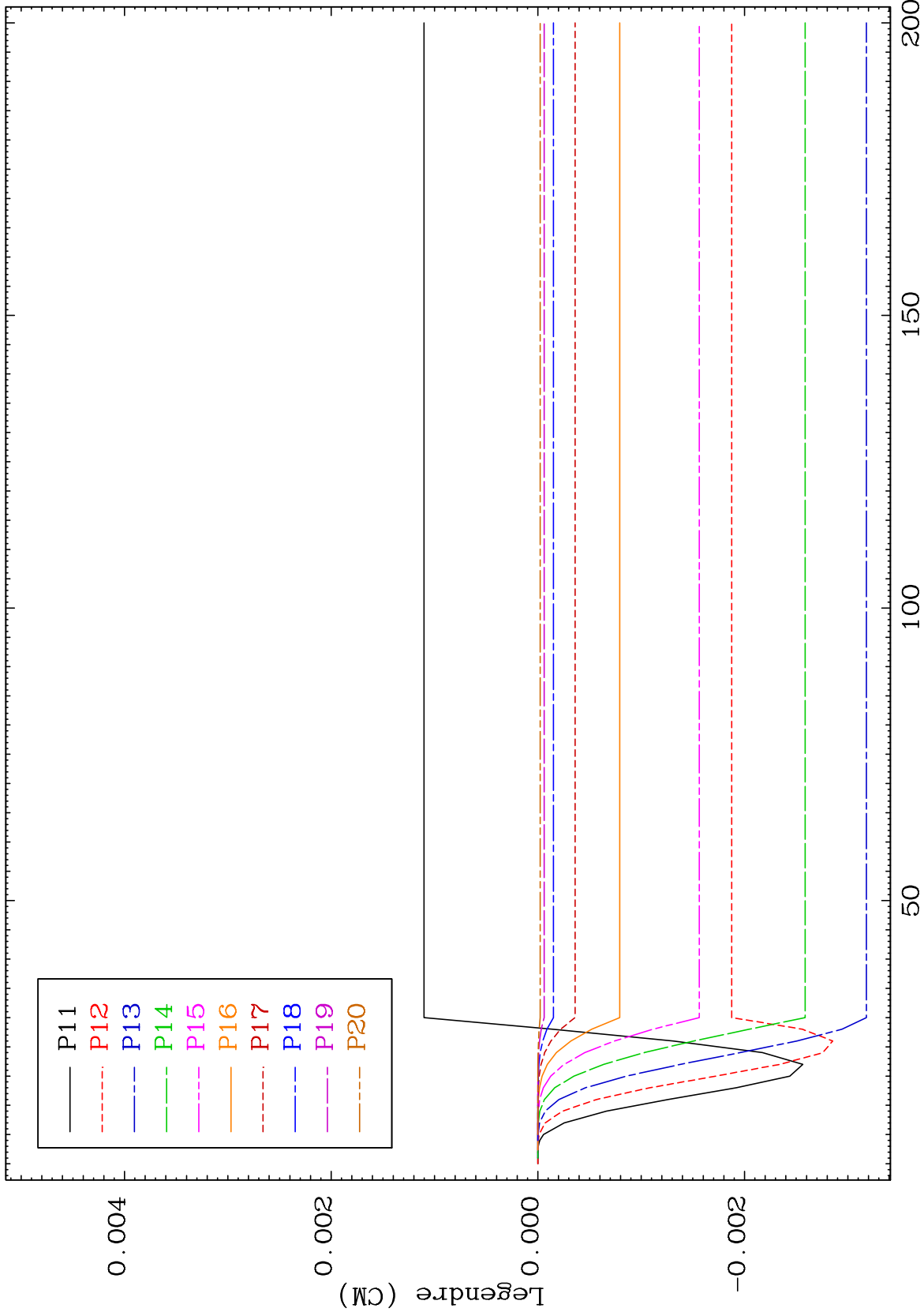
70

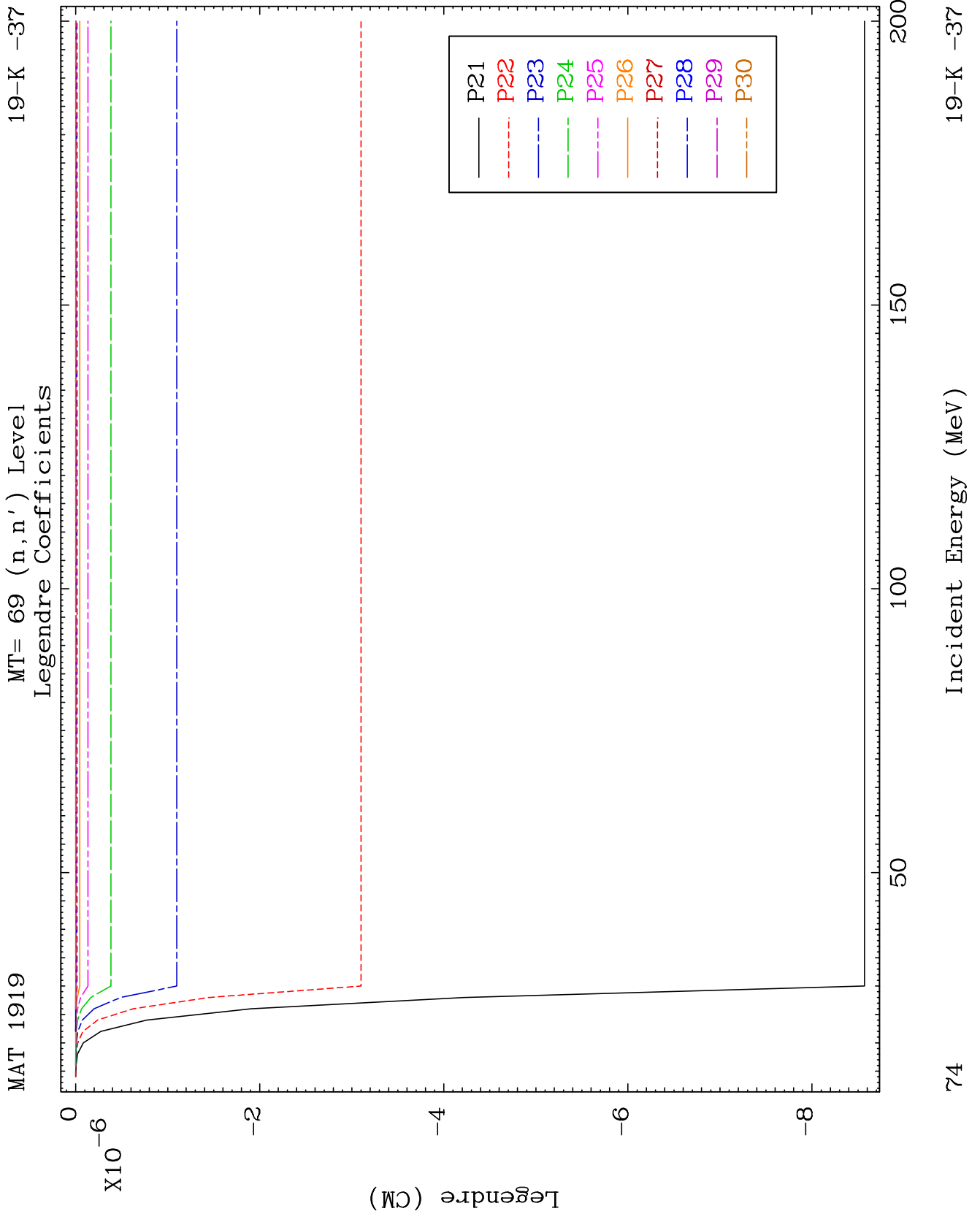
Incident Energy (MeV)

19-K -37





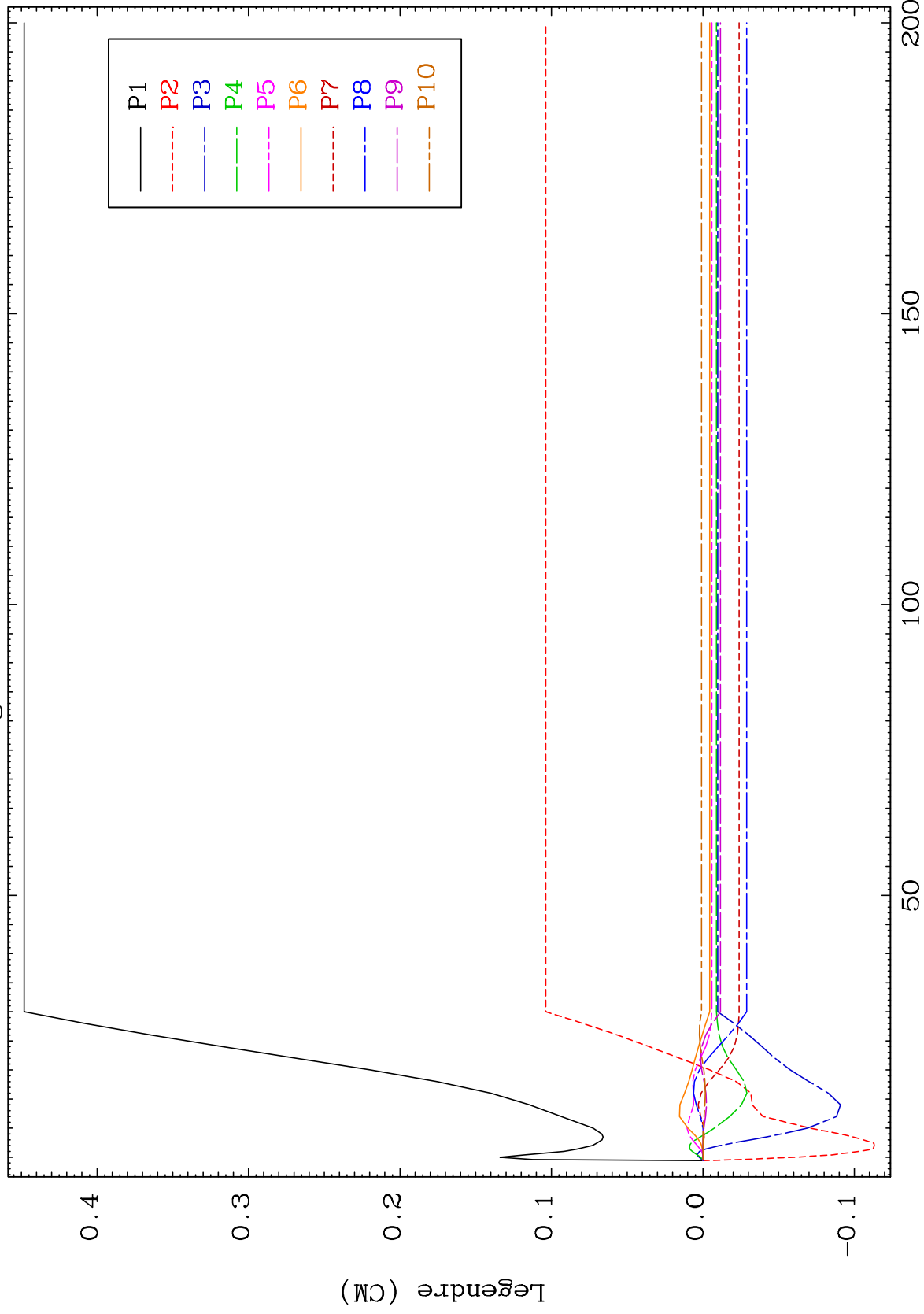




MAT 1919

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

19-K -37



75

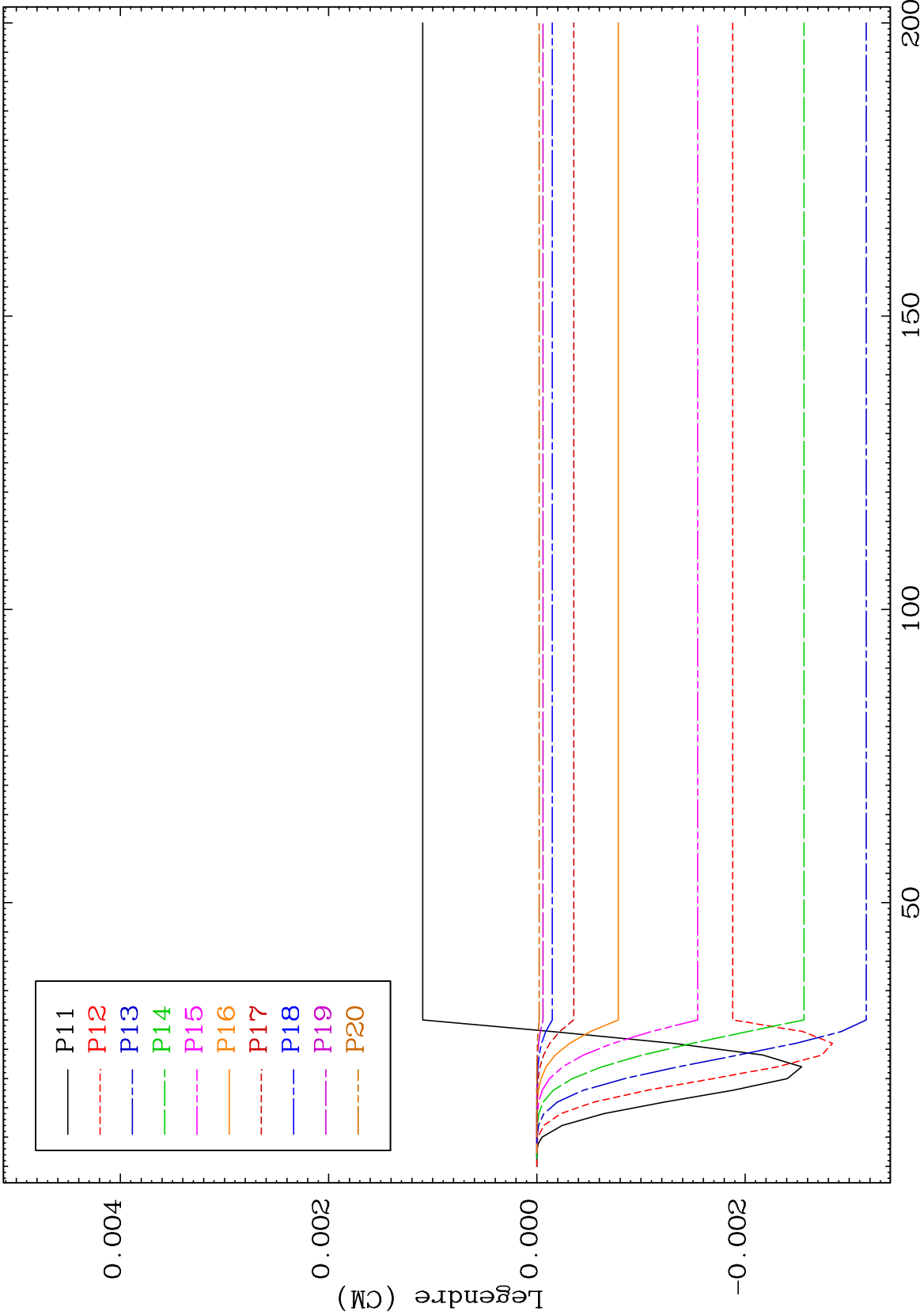
Incident Energy (MeV)

19-K -37

MAT 1919

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

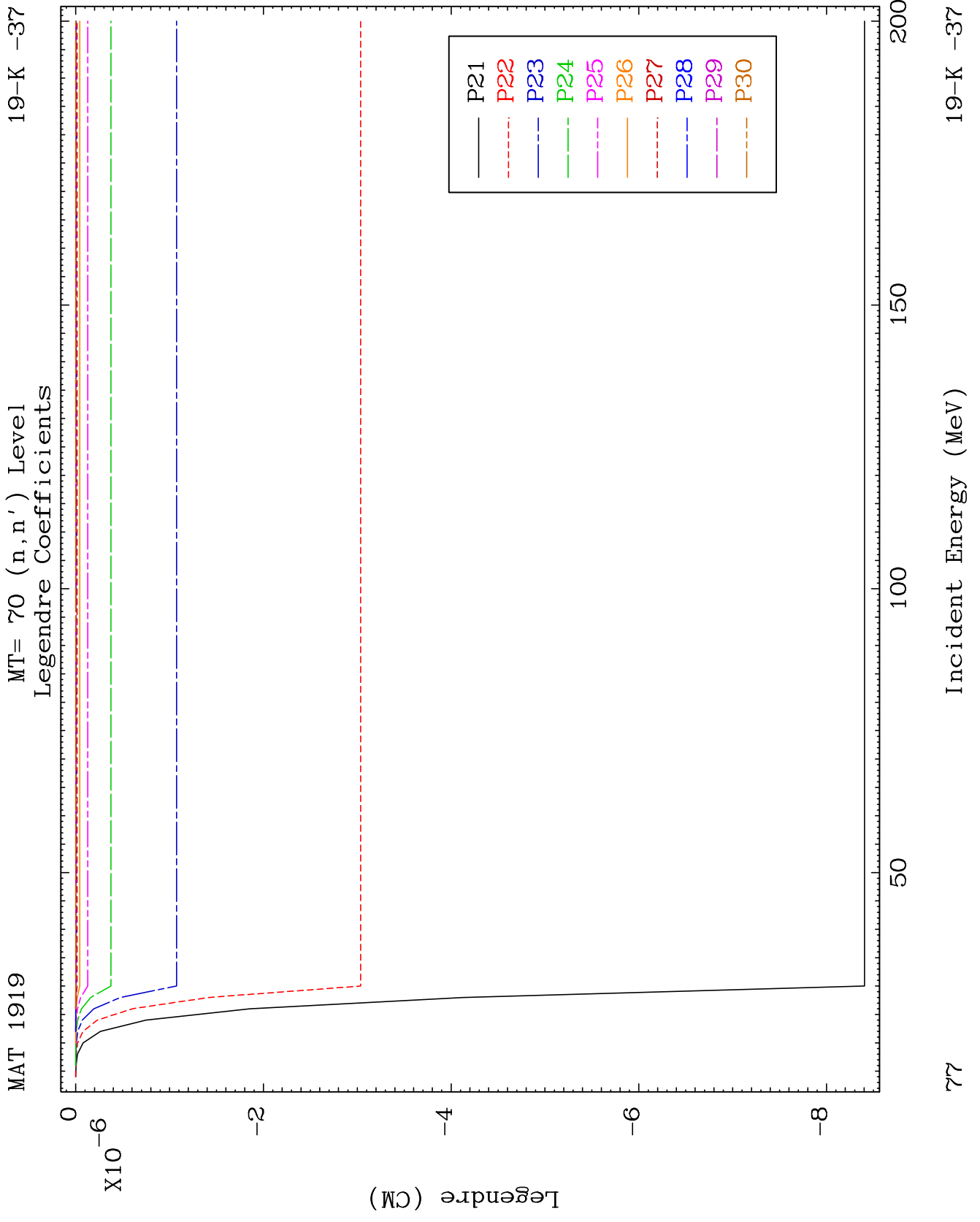
19-K -37

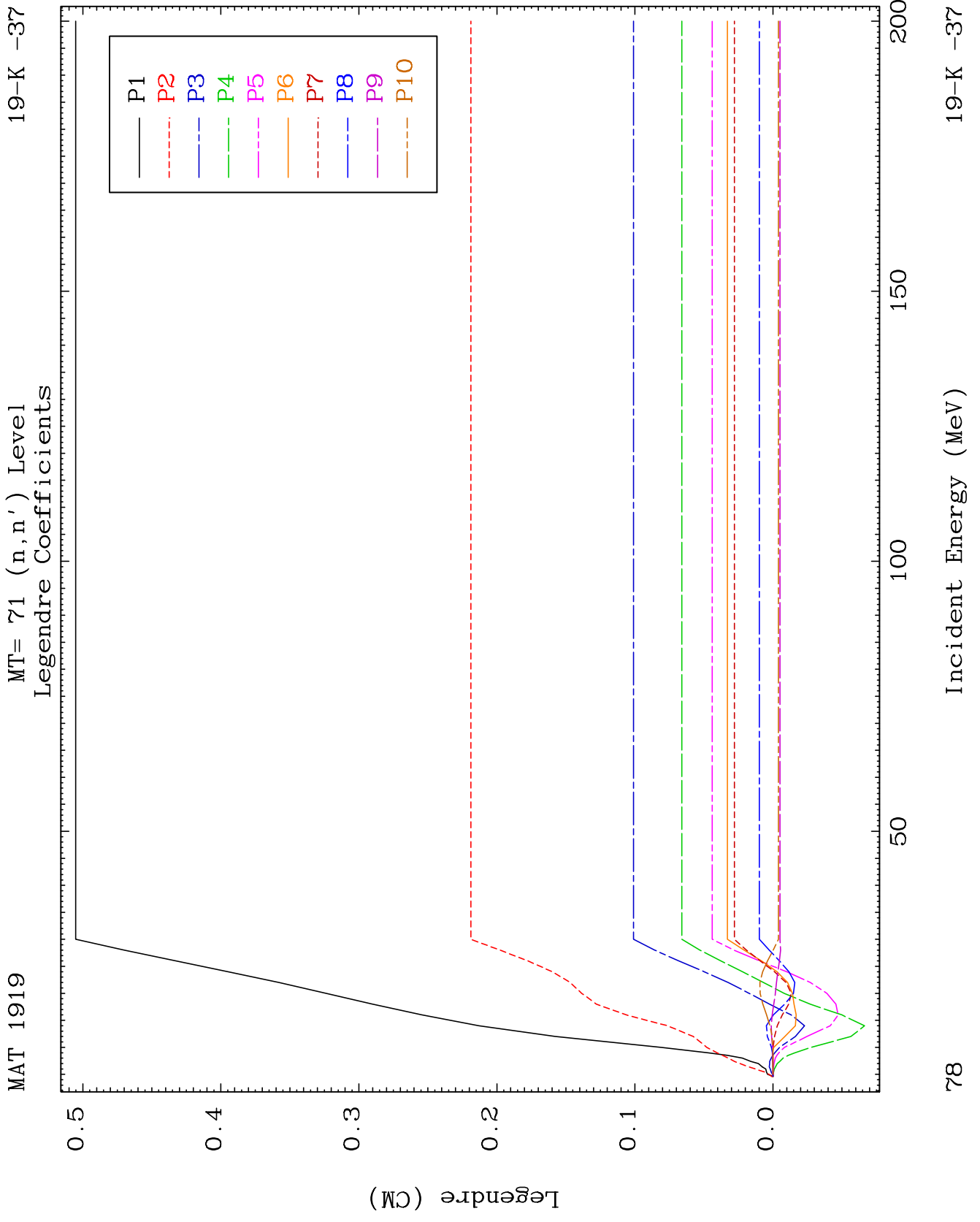


76

Incident Energy (MeV)

19-K -37

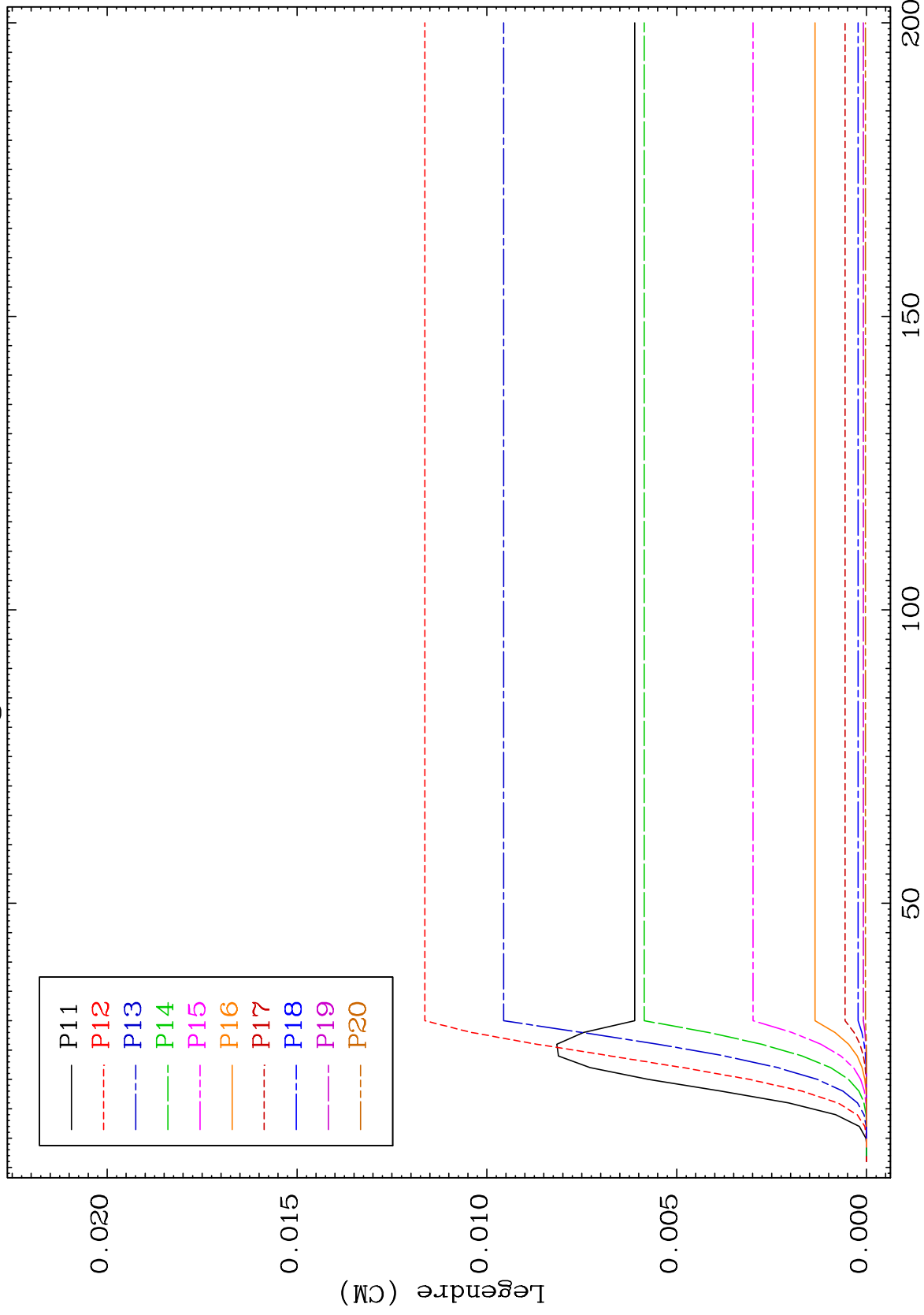




MAT 1919

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

19-K -37



79

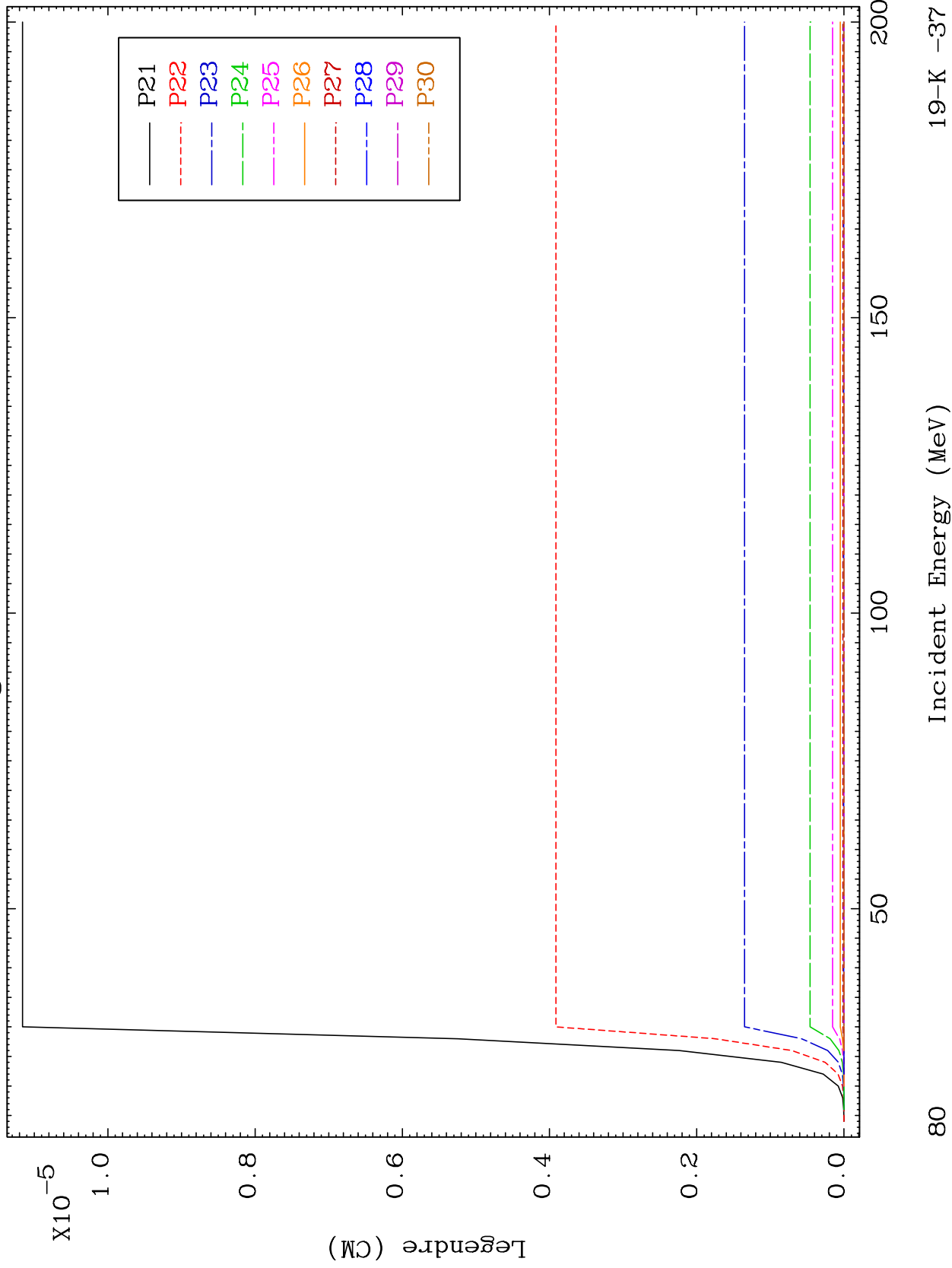
Incident Energy (MeV)

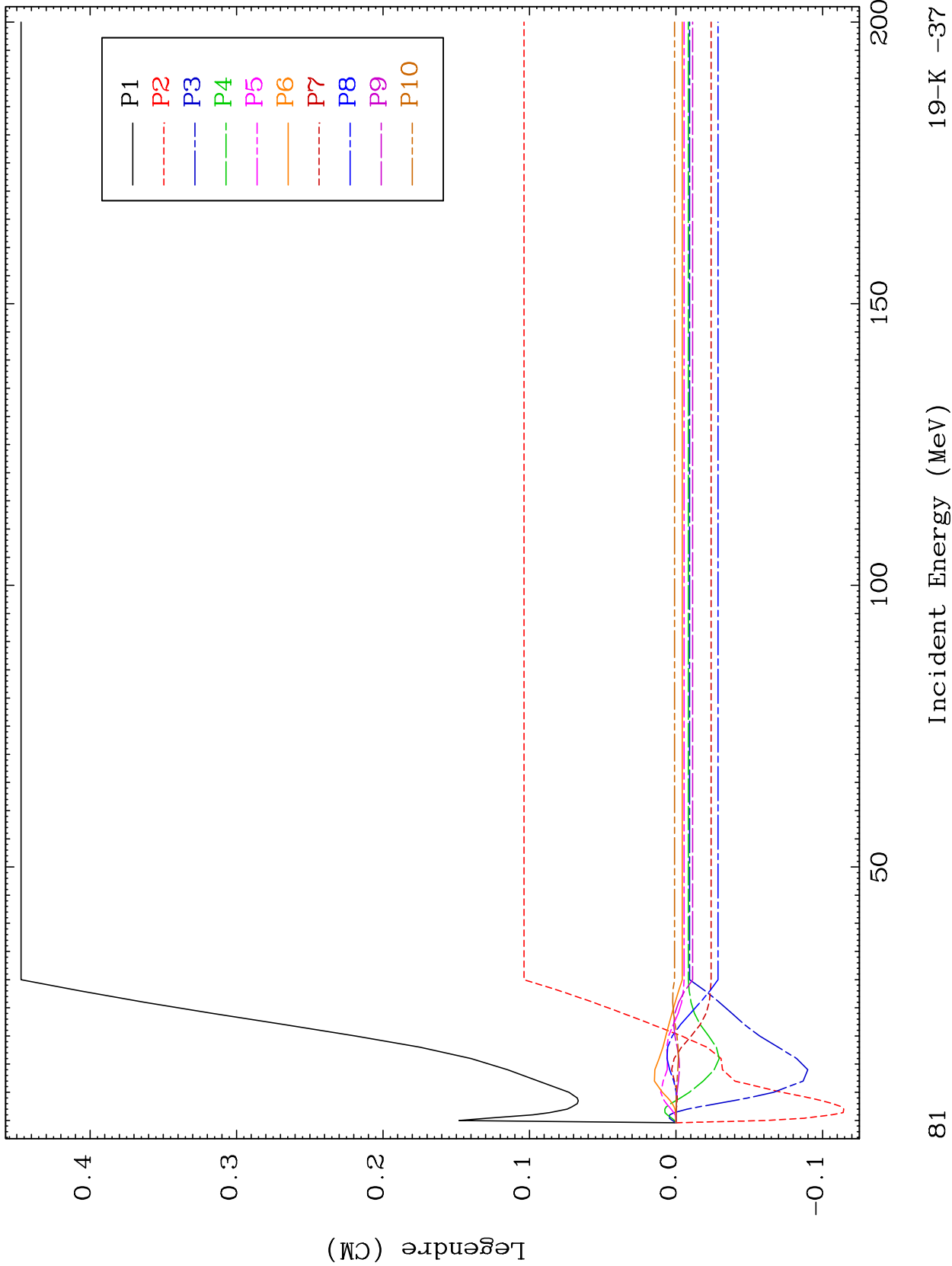
19-K -37

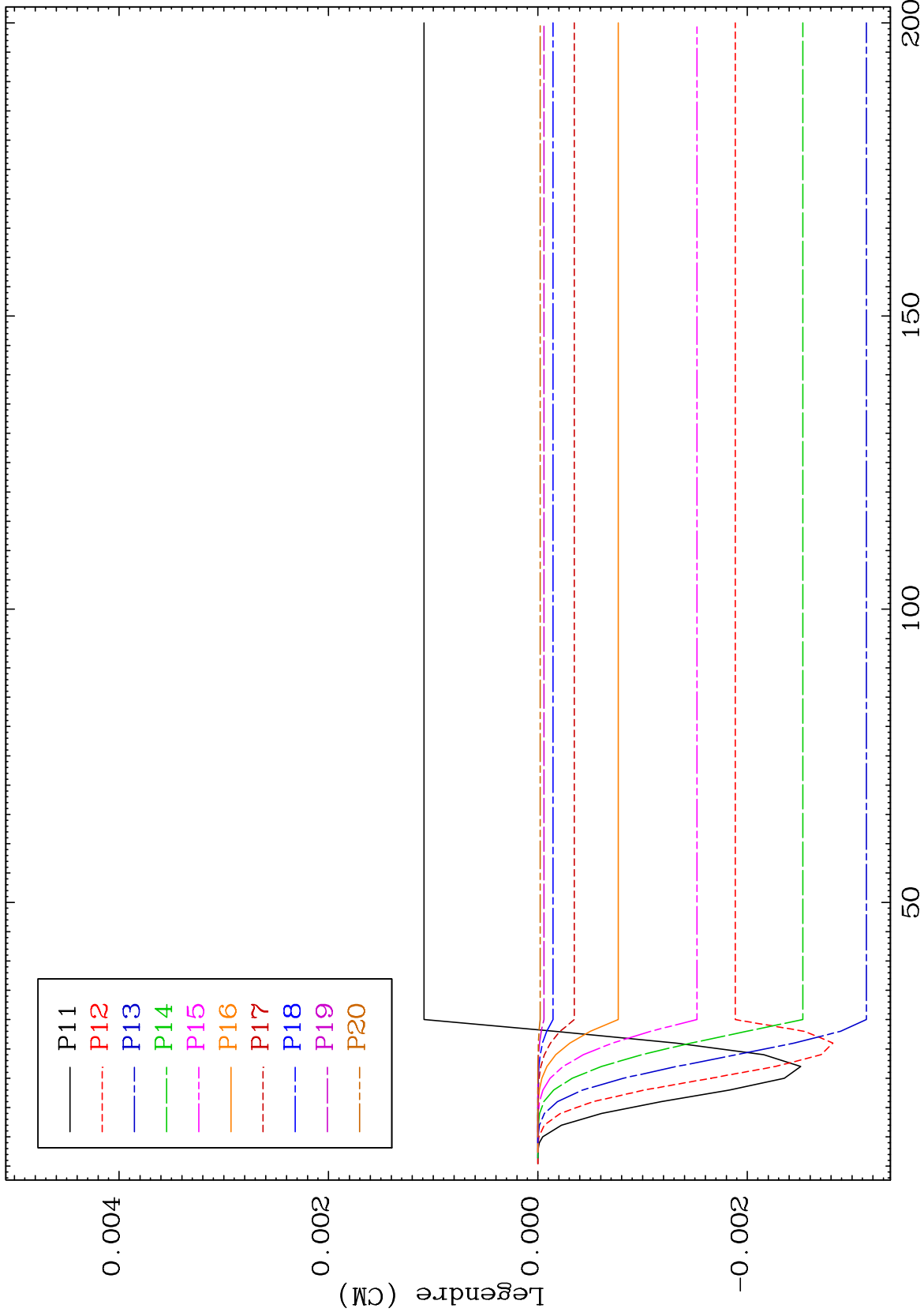
MAT 1919

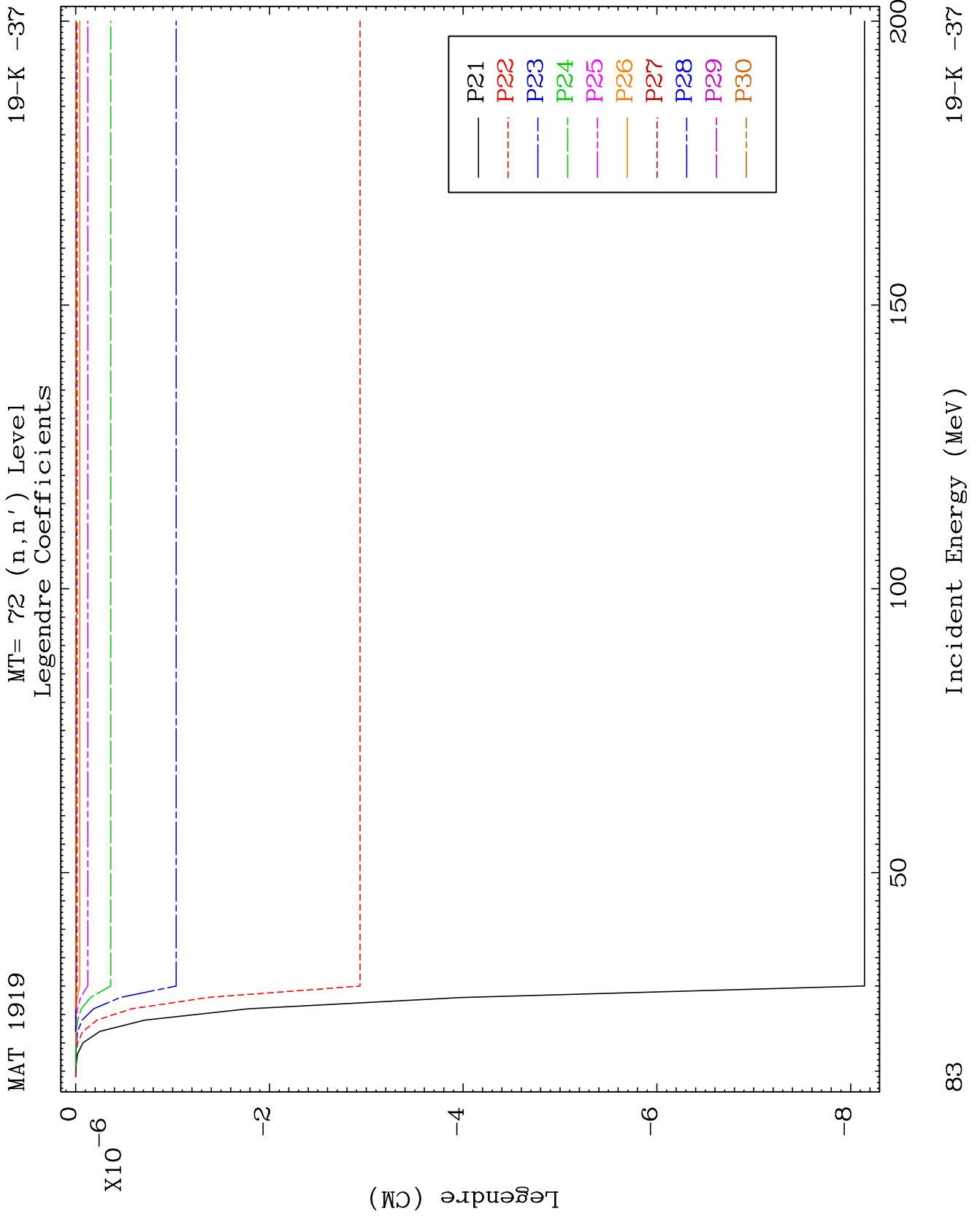
MT= 71 (n,n') Level
Legendre Coefficients

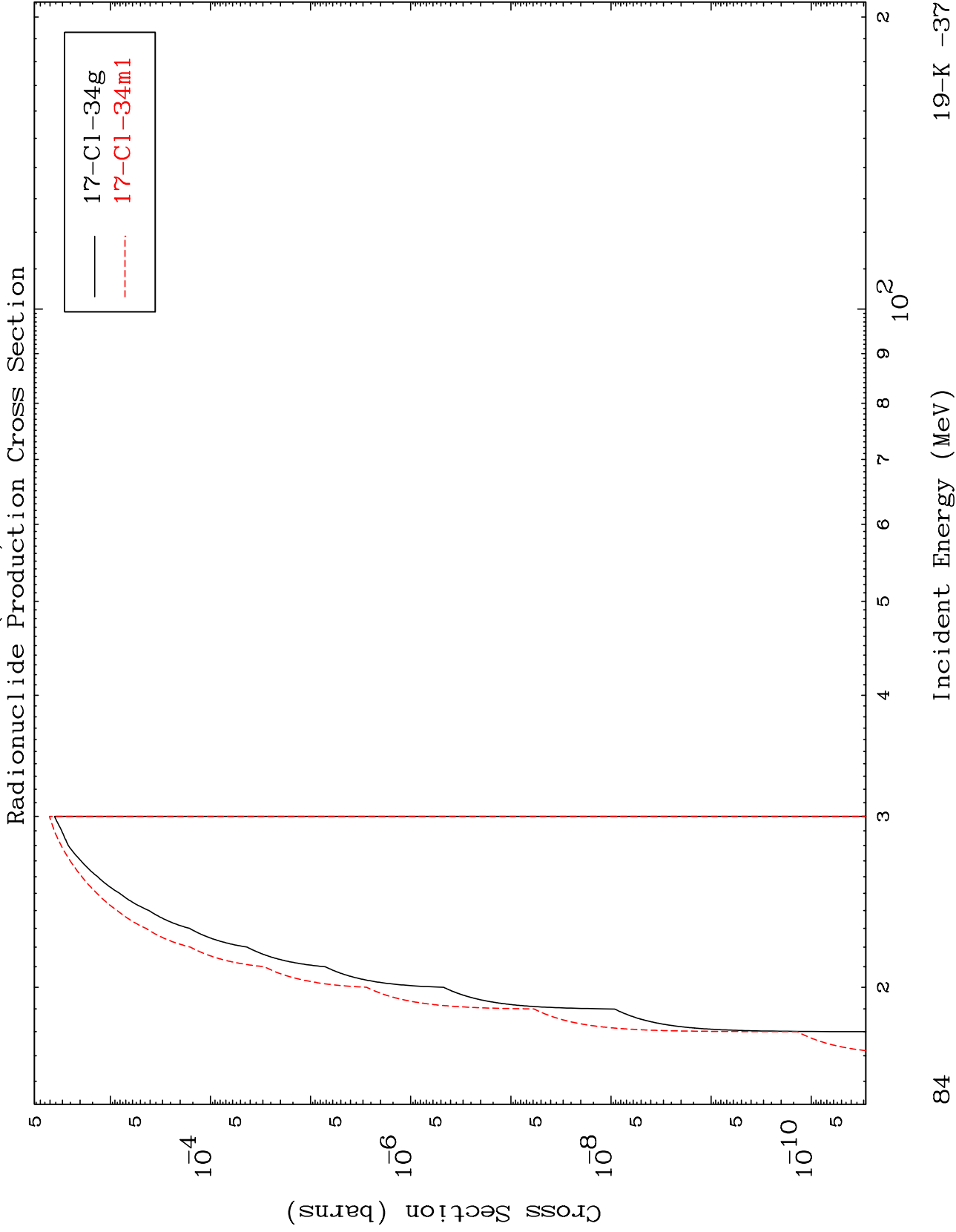
19-K -37





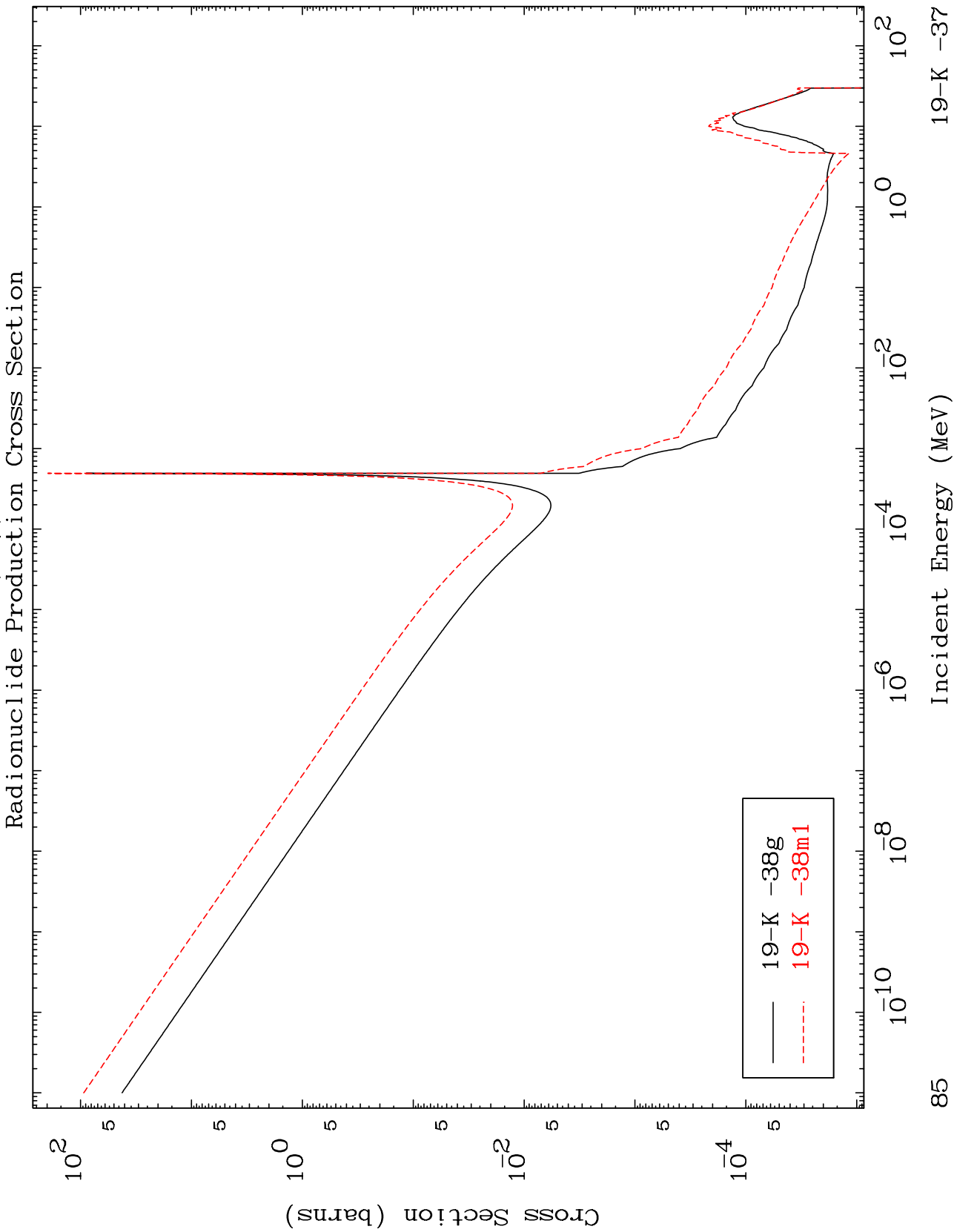






MAT 1919

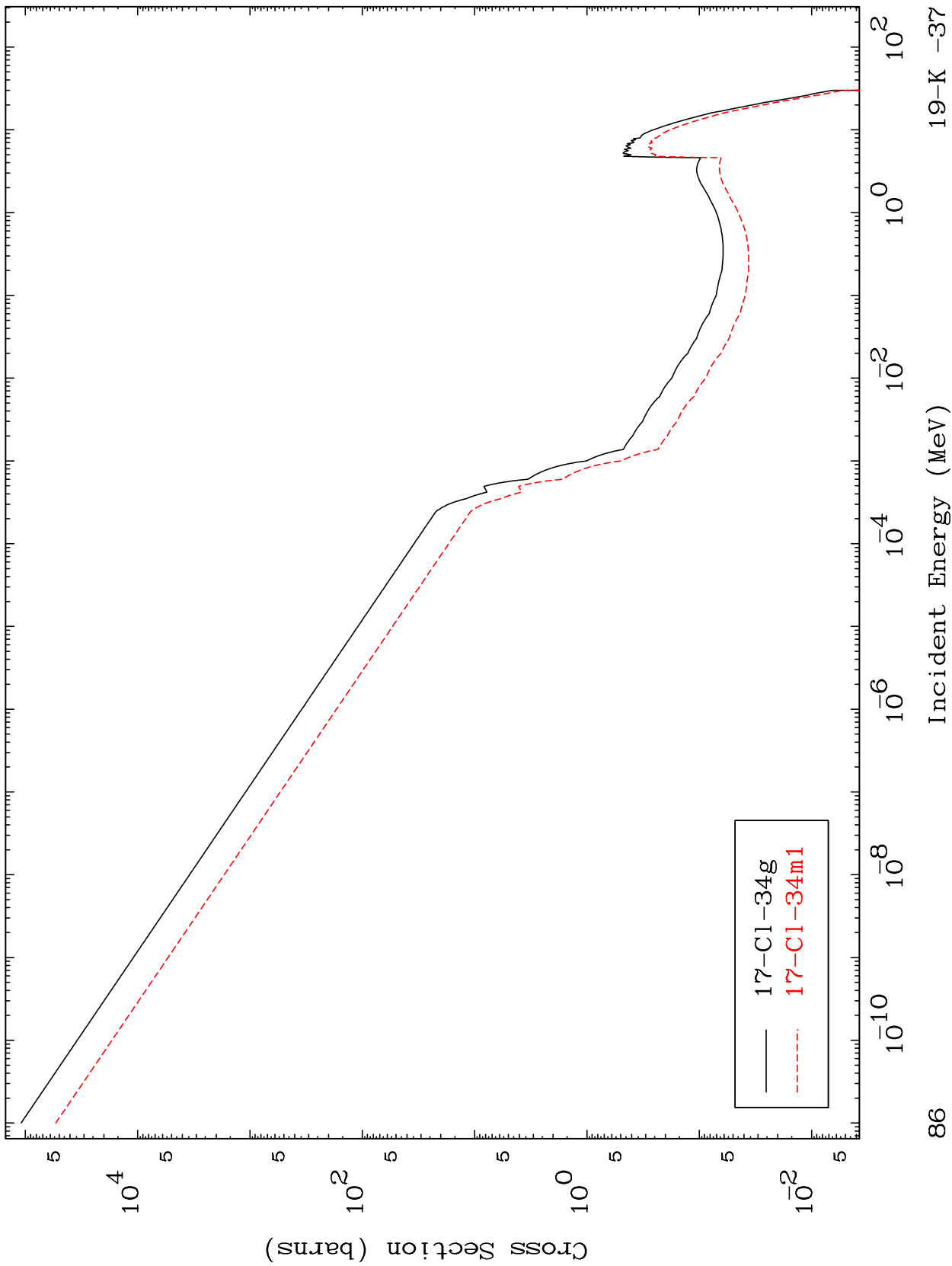
19-K -37



MAT 1919

19-K -37

Radionuclide Production Cross Section
(n,α)

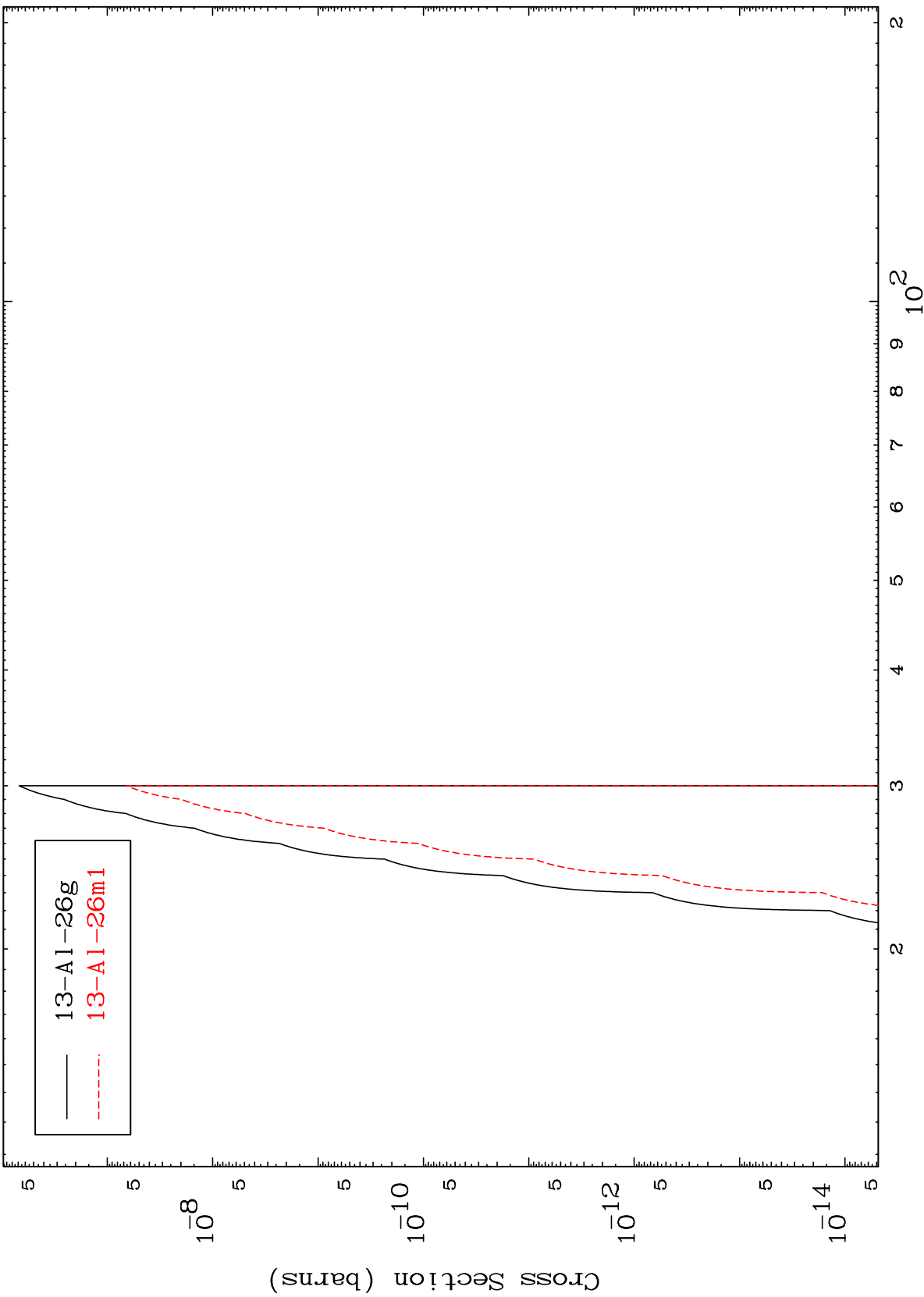


— 17-Cl-34g
- - - 17-Cl-34m1

MAT 1919

19-K -37

Radionuclide Production Cross Section
(n,3 α)



87

19-K -37

Radionuclide Production Cross Section

