

Program EVALPLOT  
(Version 2021-1)

by

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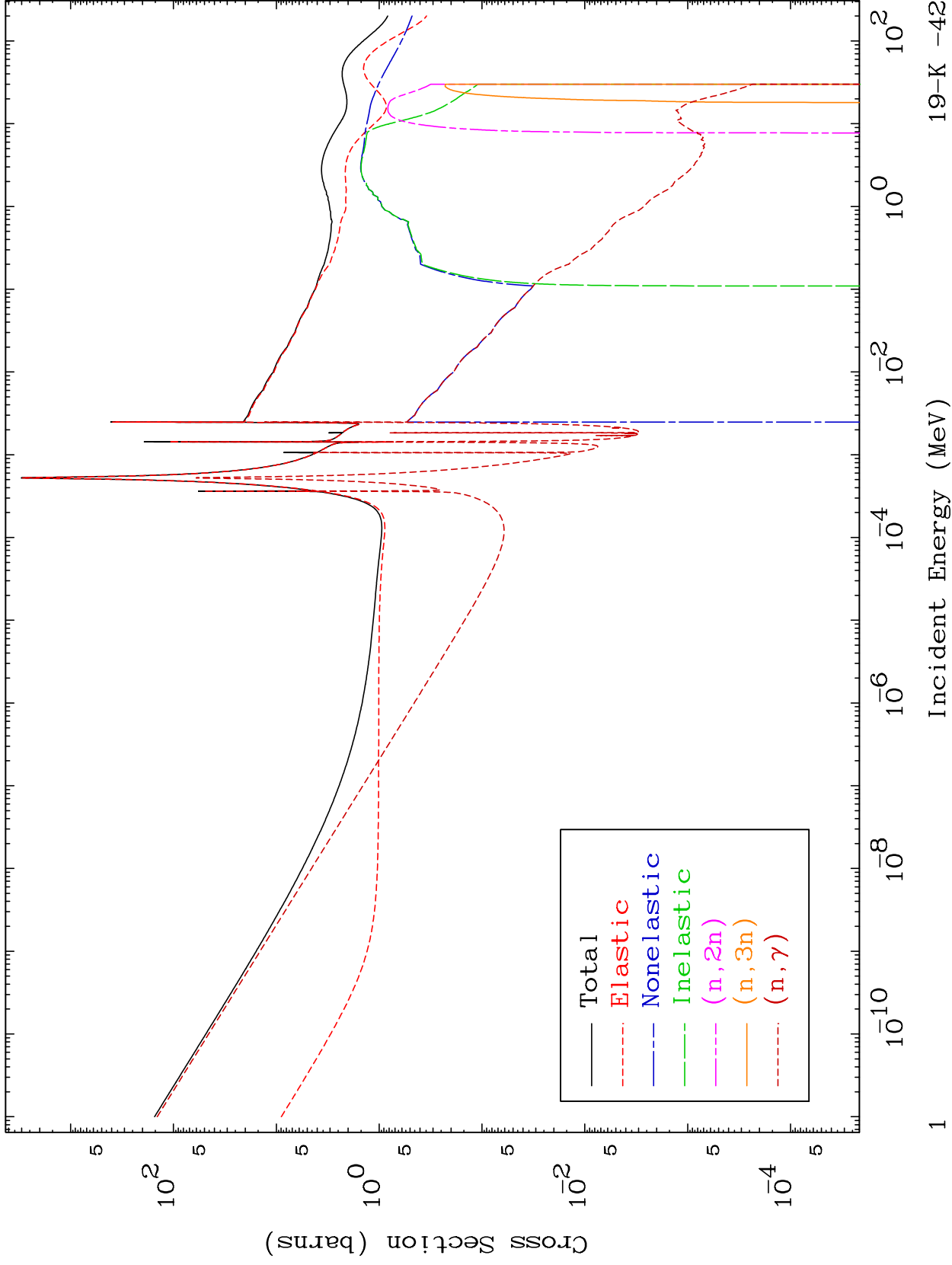
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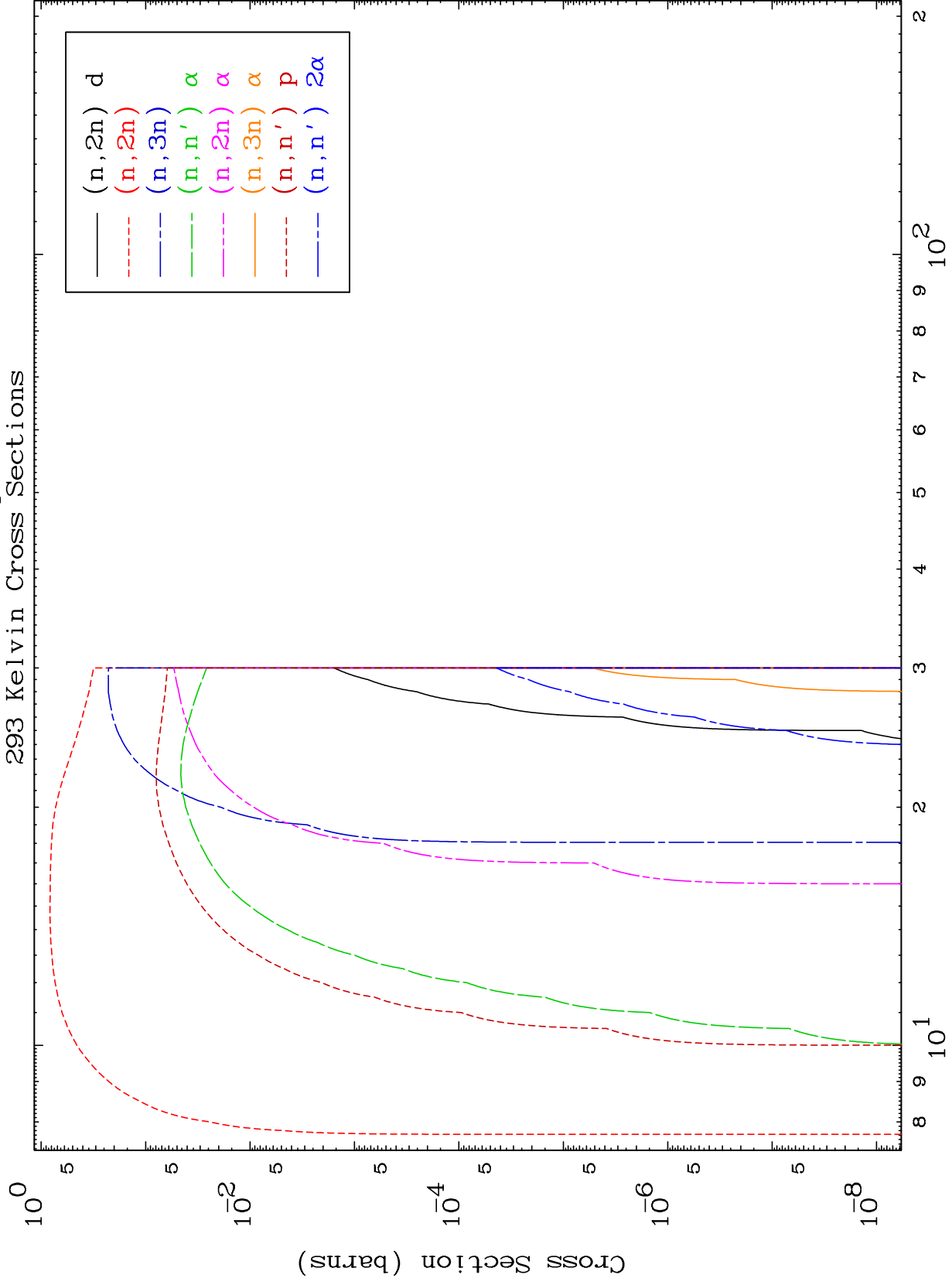
Press Mouse Button to Start

MAT 1934

Neutron Major  
293 Kelvin Cross Sections

19-K -42

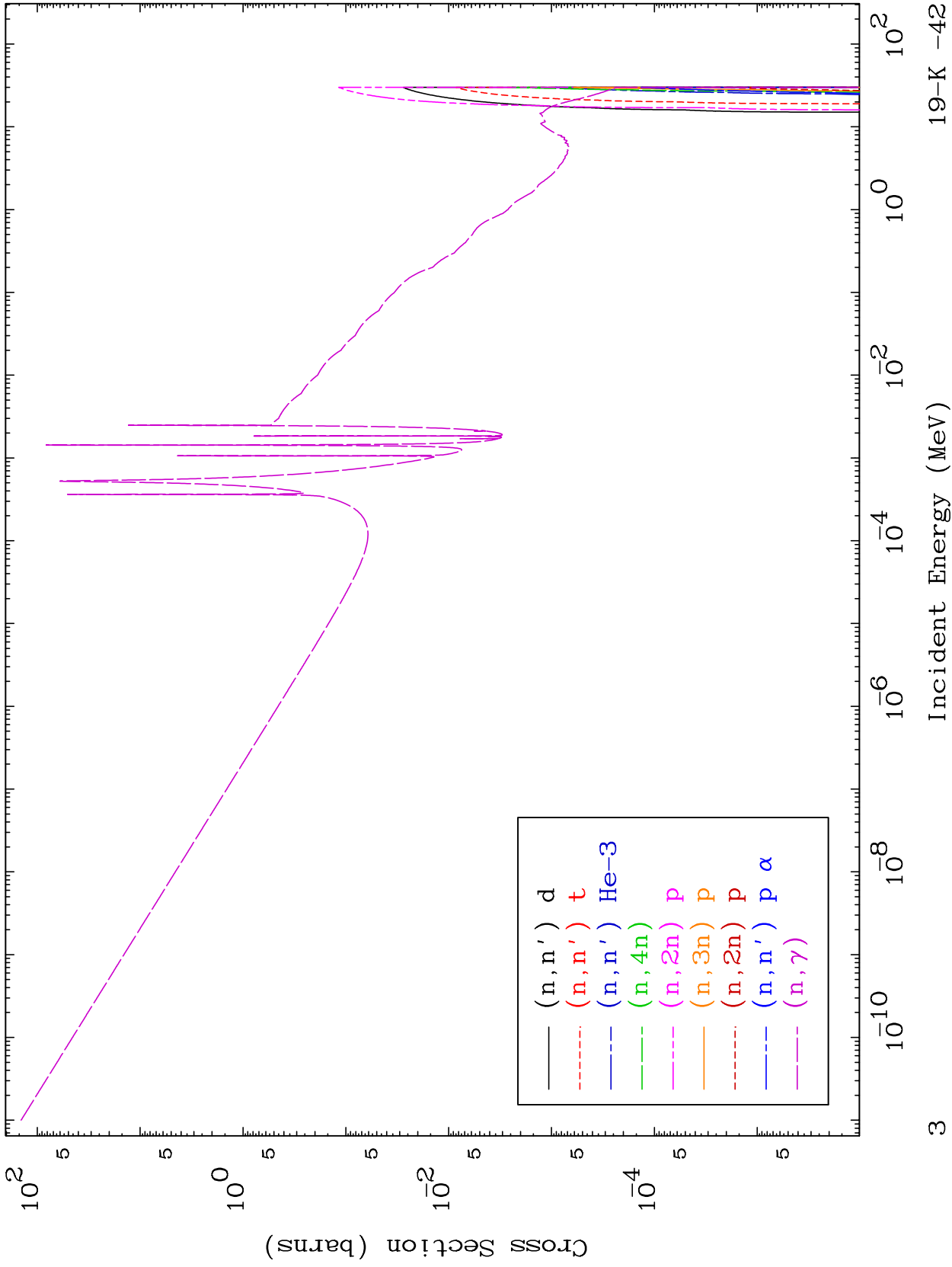




MAT 1934

Neutron Absorption  
293 Kelvin Cross Sections

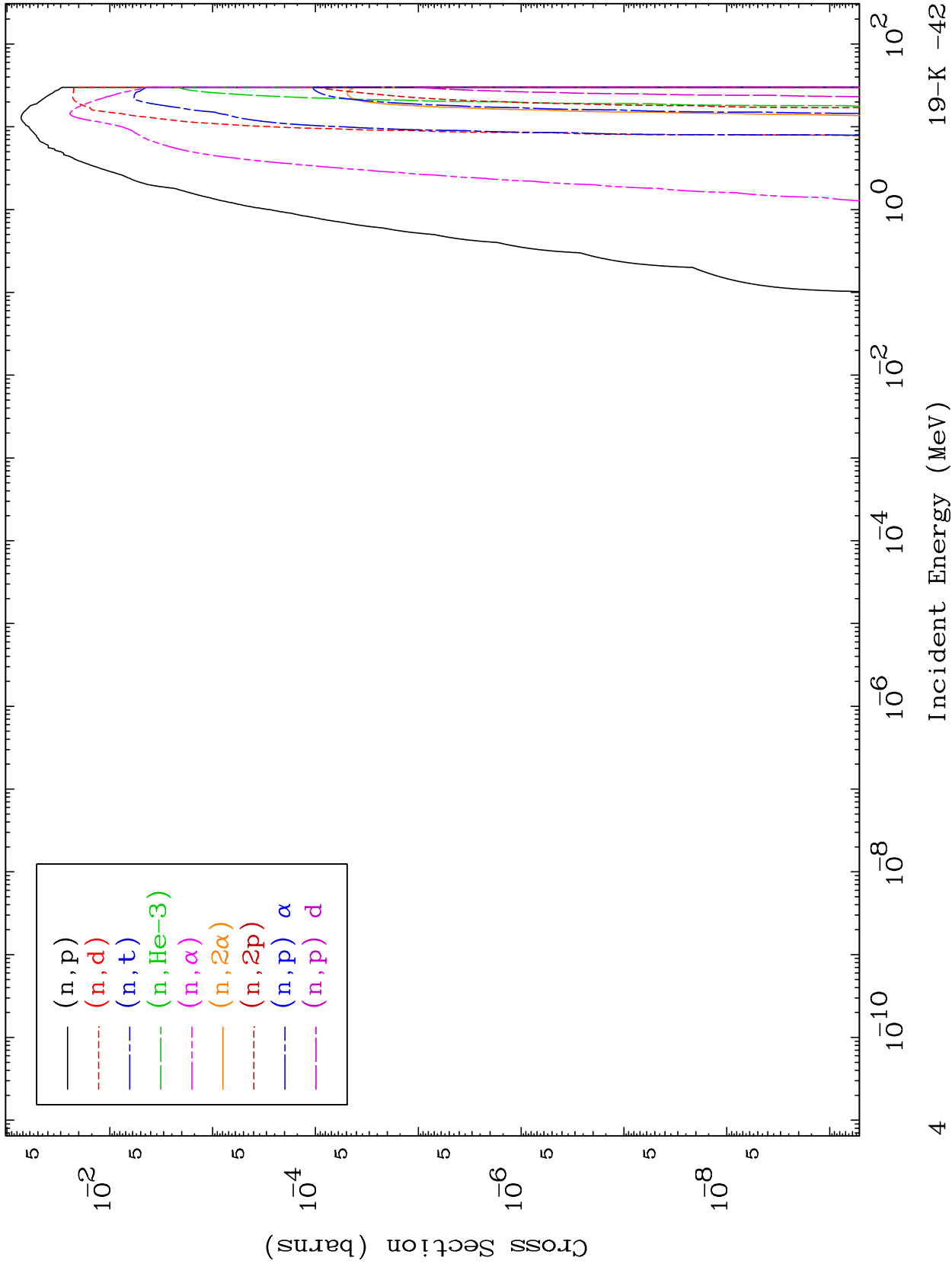
19-K -42



MAT 1934

Neutron Absorption  
293 Kelvin Cross Sections

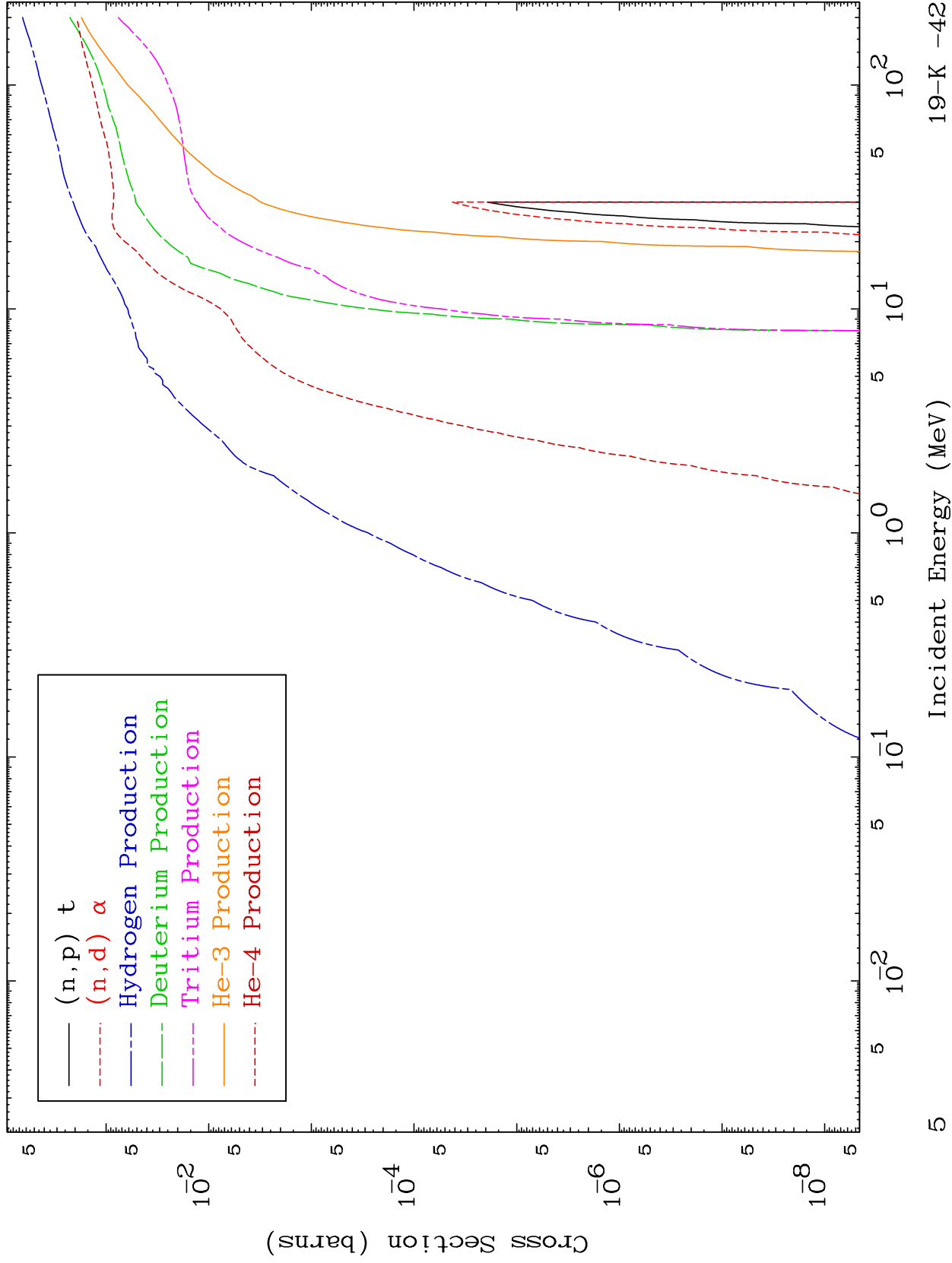
19-K -42



MAT 1934

Neutron Absorption  
293 Kelvin Cross Sections

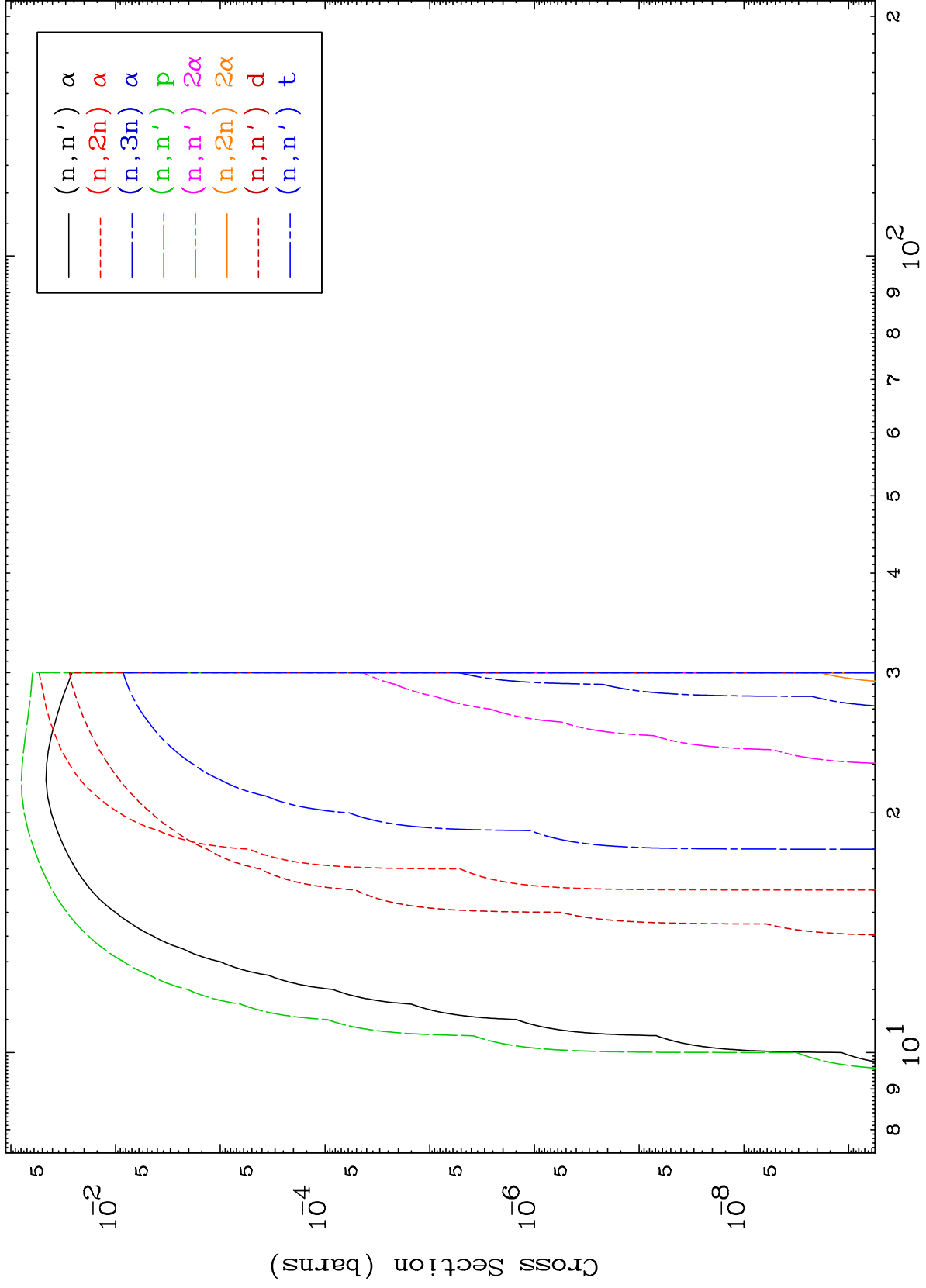
19-K -42



5

Incident Energy (MeV)

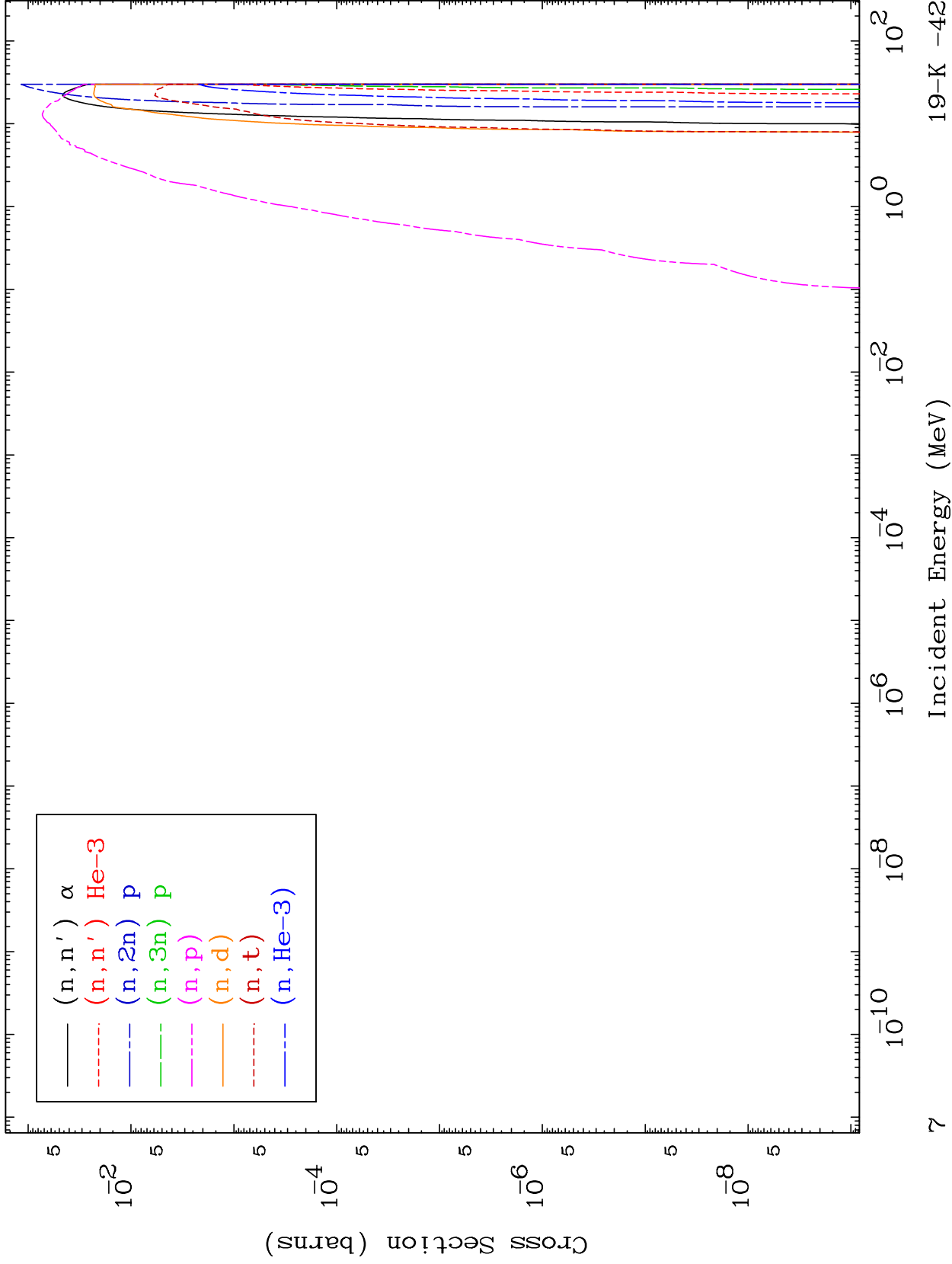
19-K -42



MAT 1934

Charged Particle  
293 Kelvin Cross Sections

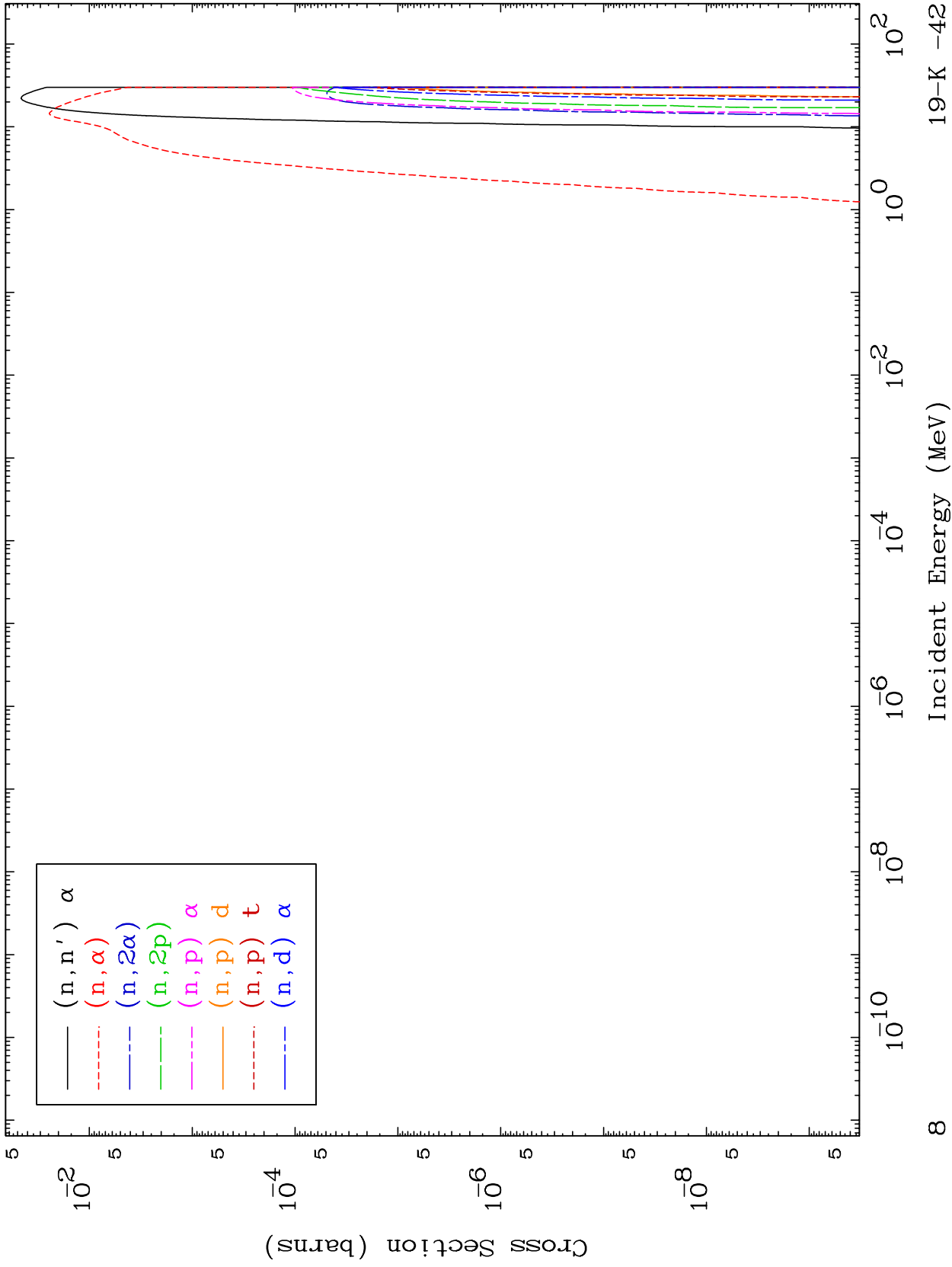
19-K -42

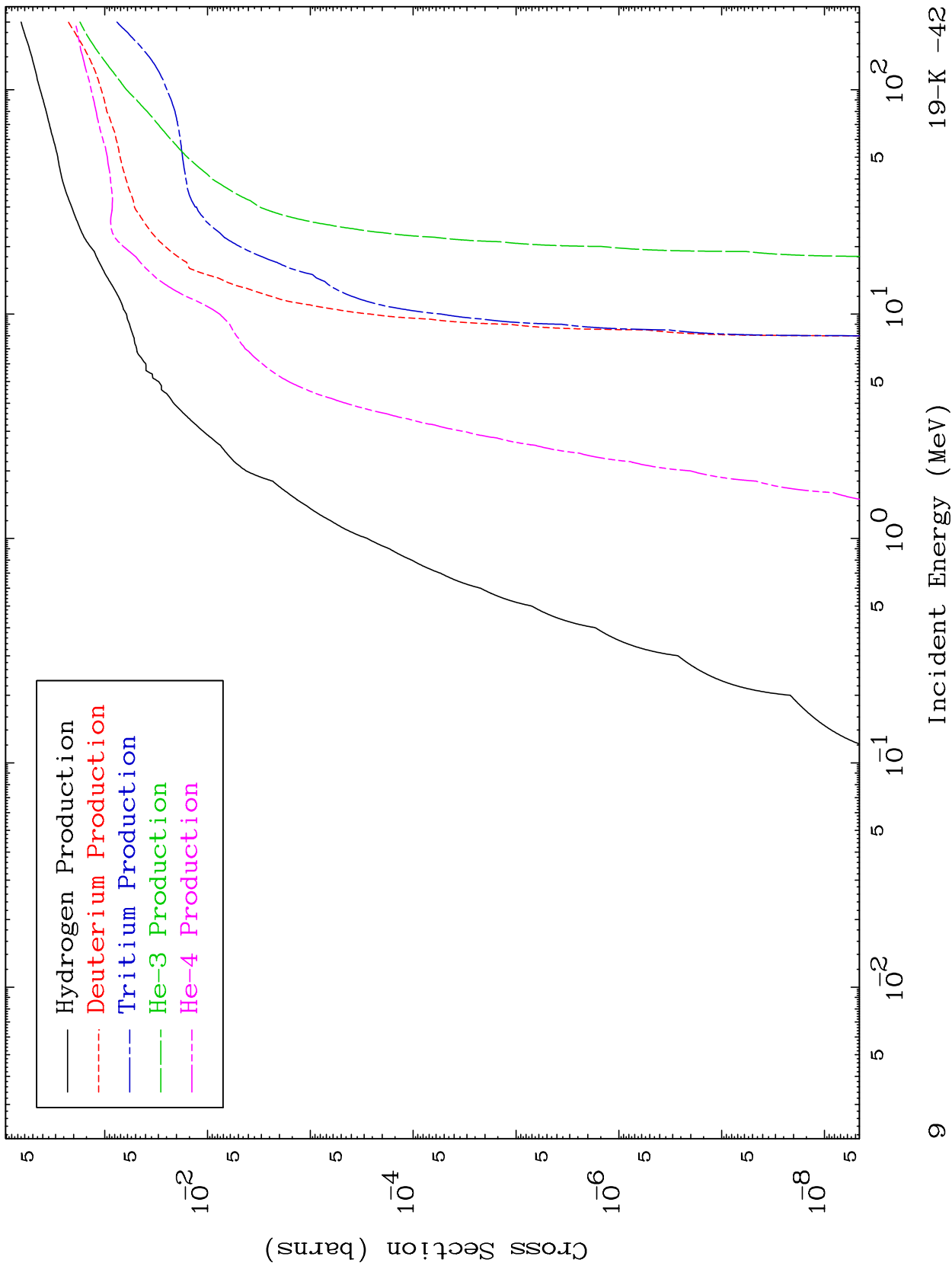


MAT 1934

Charged Particle  
293 Kelvin Cross Sections

19-K -42



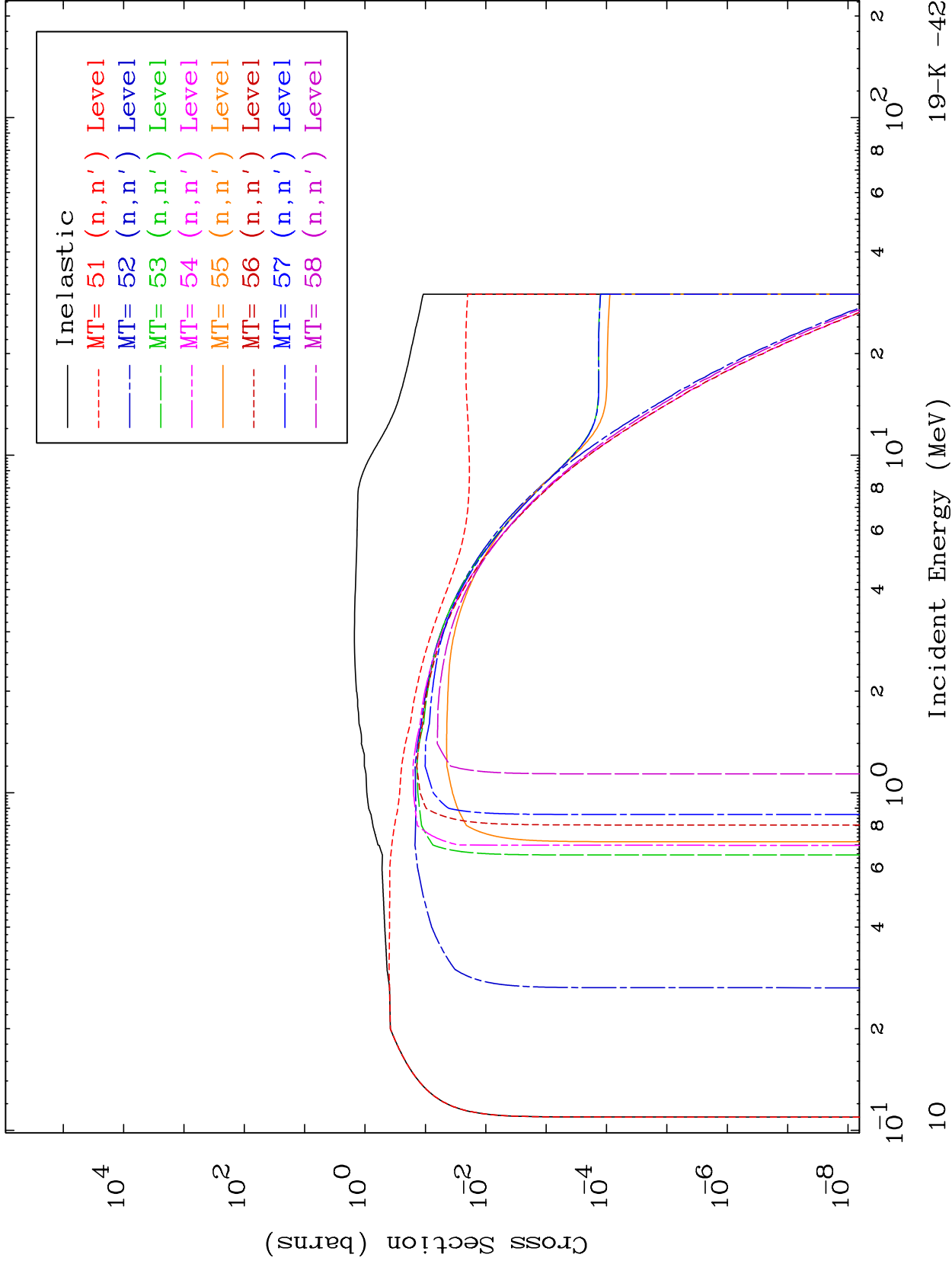


MAT 1934

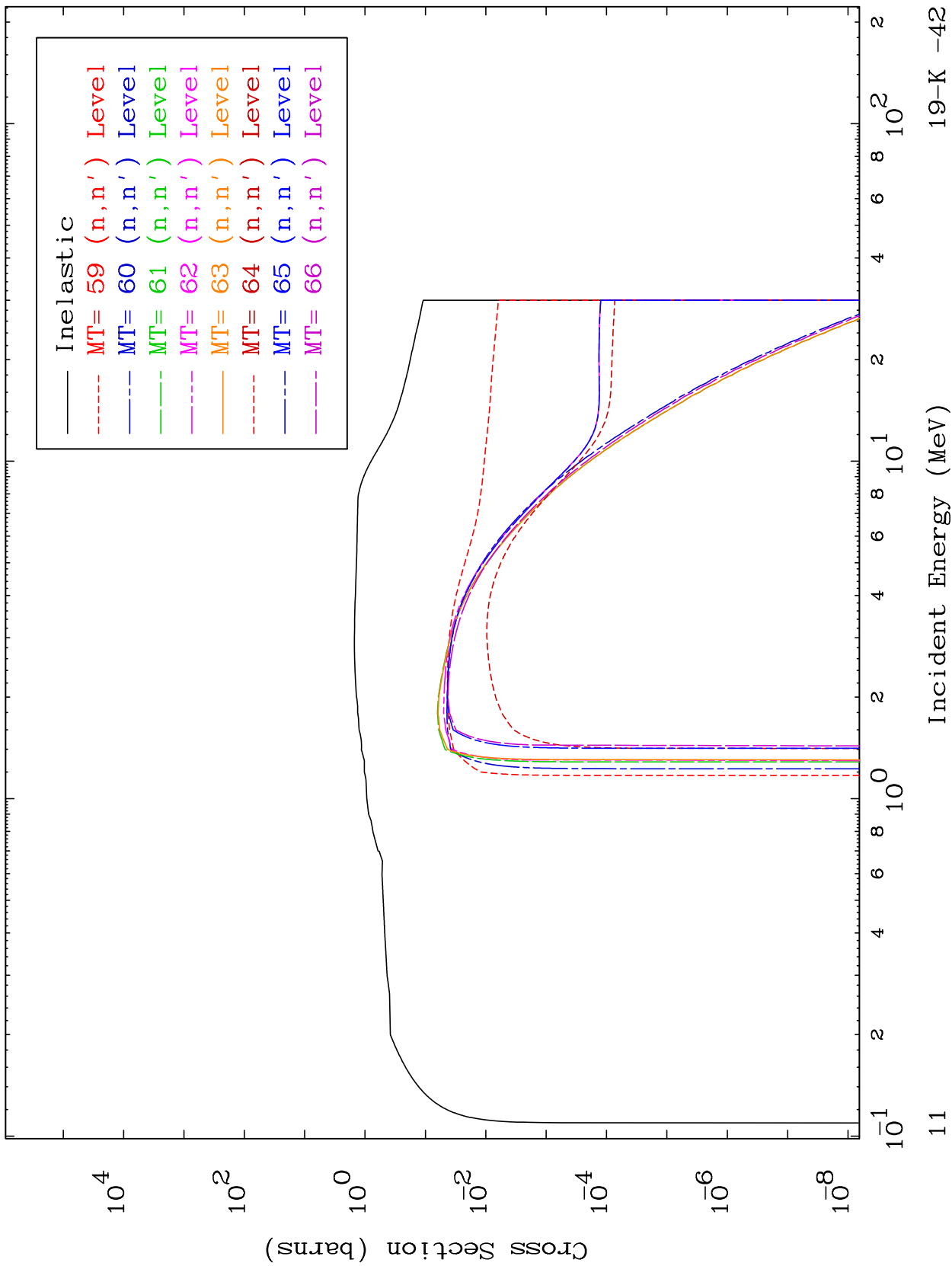
(n,n') Levels

19-K -42

293 Kelvin Cross Sections



19-K -42

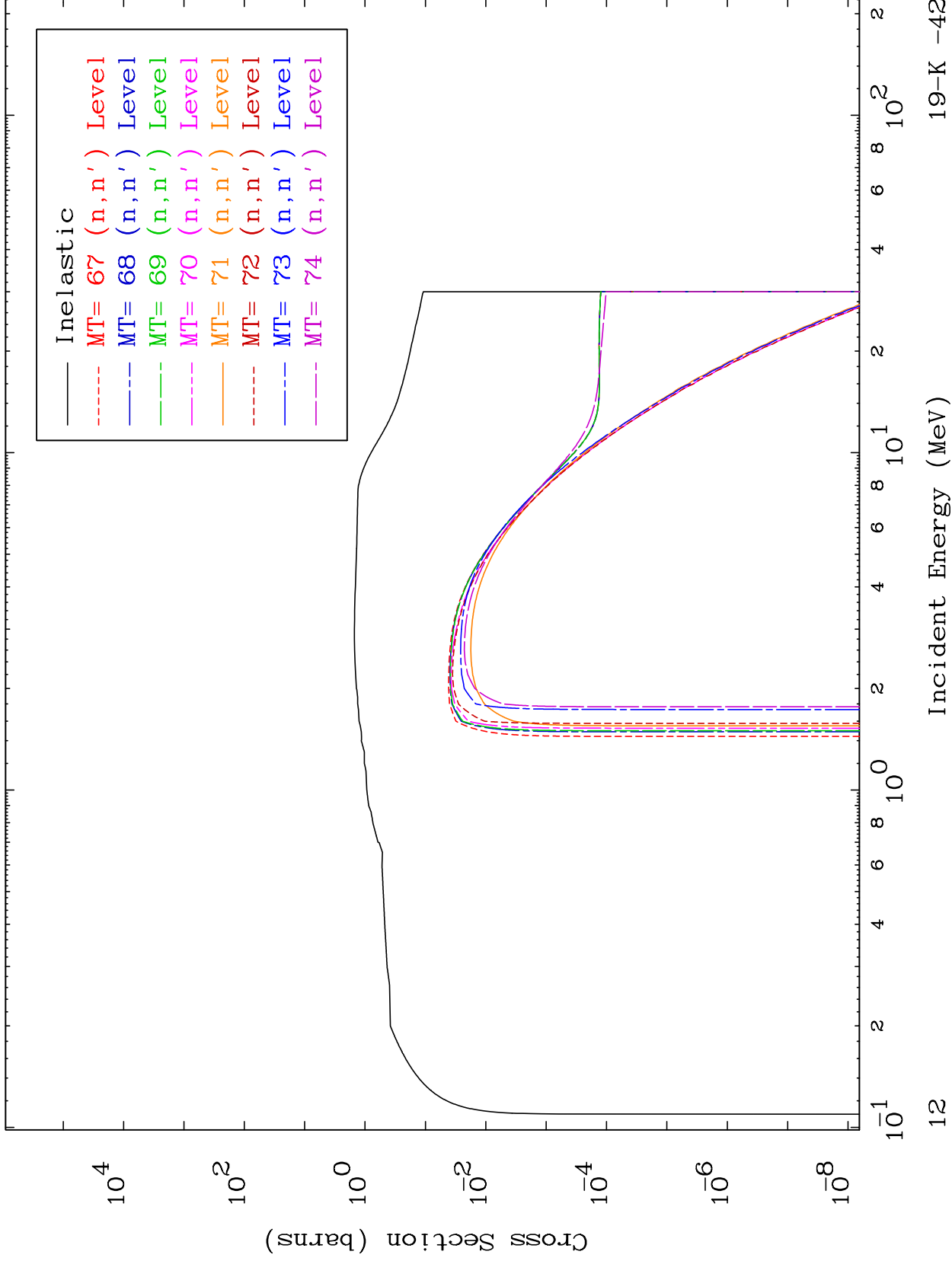


MAT 1934

(n,n') Levels

19-K -42

293 Kelvin Cross Sections



12

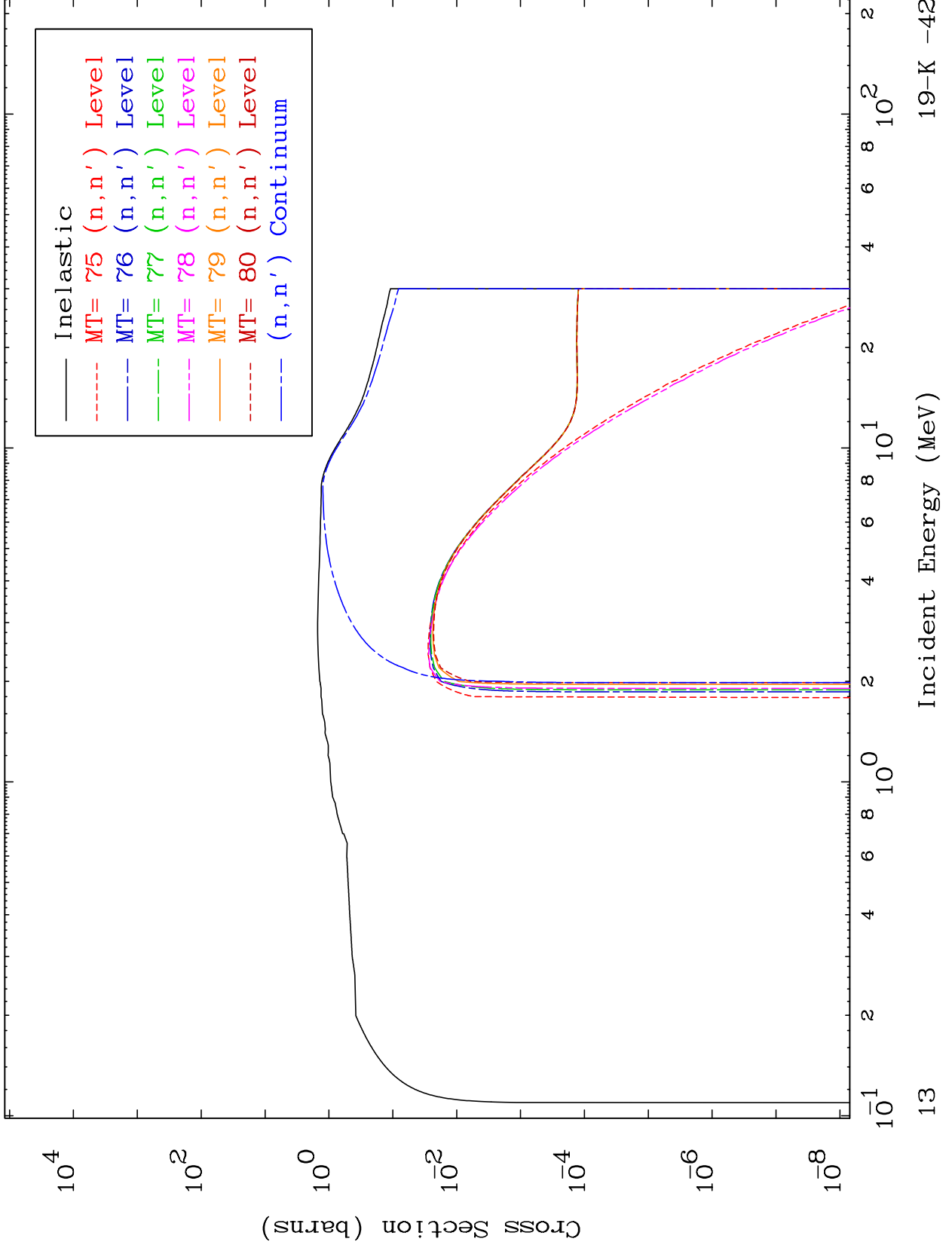
Incident Energy (MeV)

19-K -42

MAT 1934

(n,n') Levels  
293 Kelvin Cross Sections

19-K -42



13

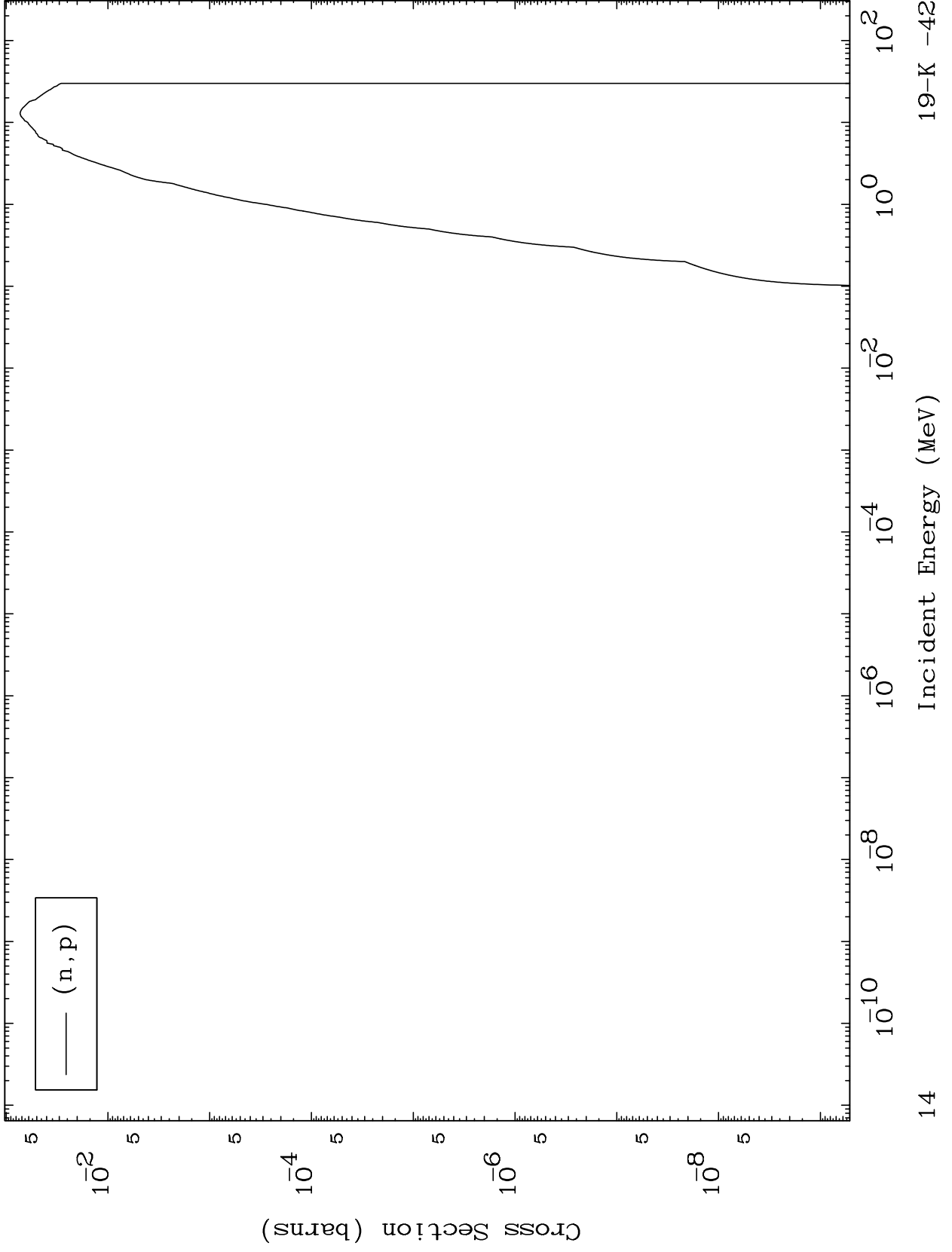
Incident Energy (MeV)

19-K -42

MAT 1934

(n,p) Levels  
293 Kelvin Cross Sections

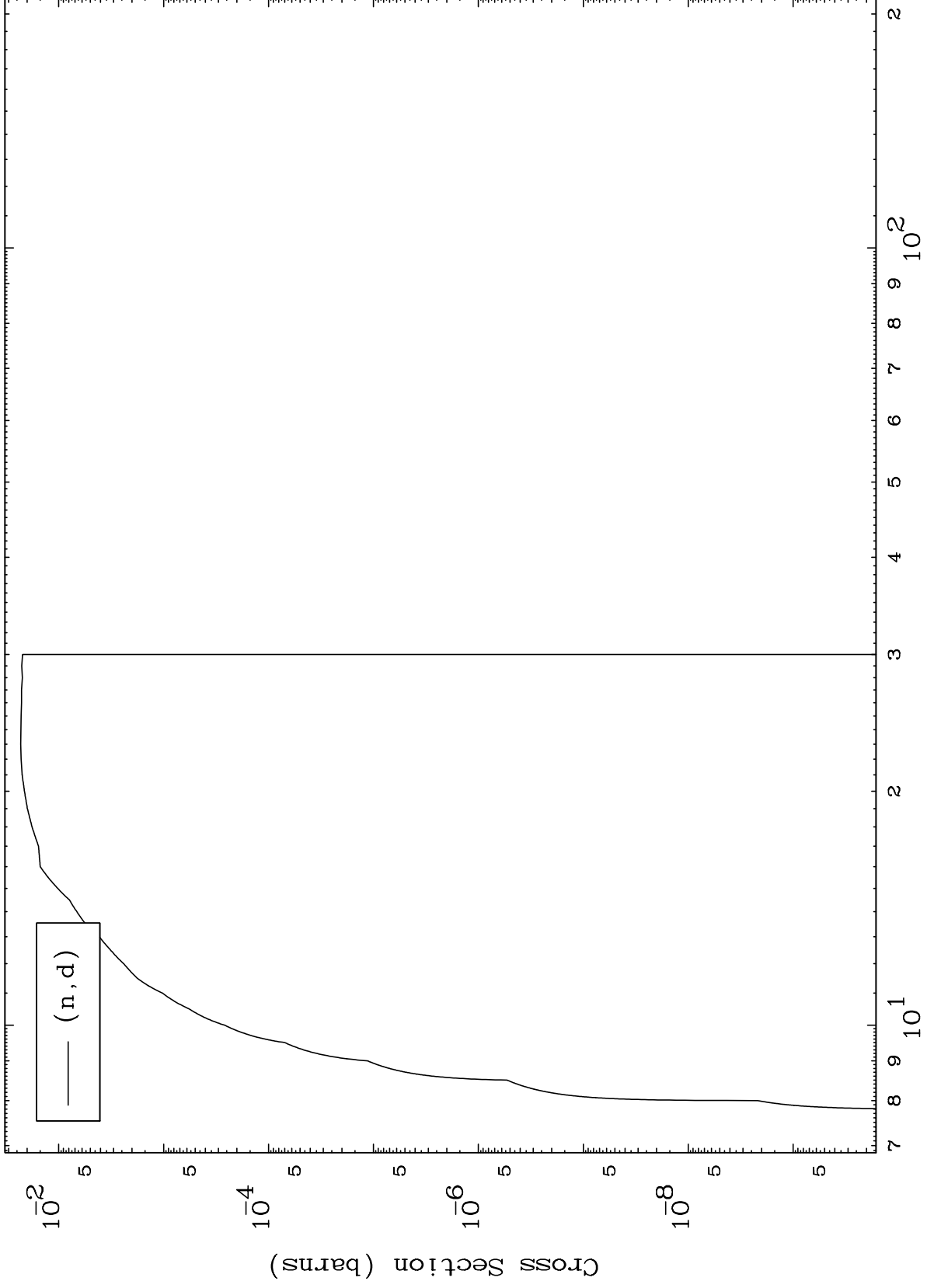
19-K -42



MAT 1934

(n,d) Levels  
293 Kelvin Cross Sections

19-K -42



15

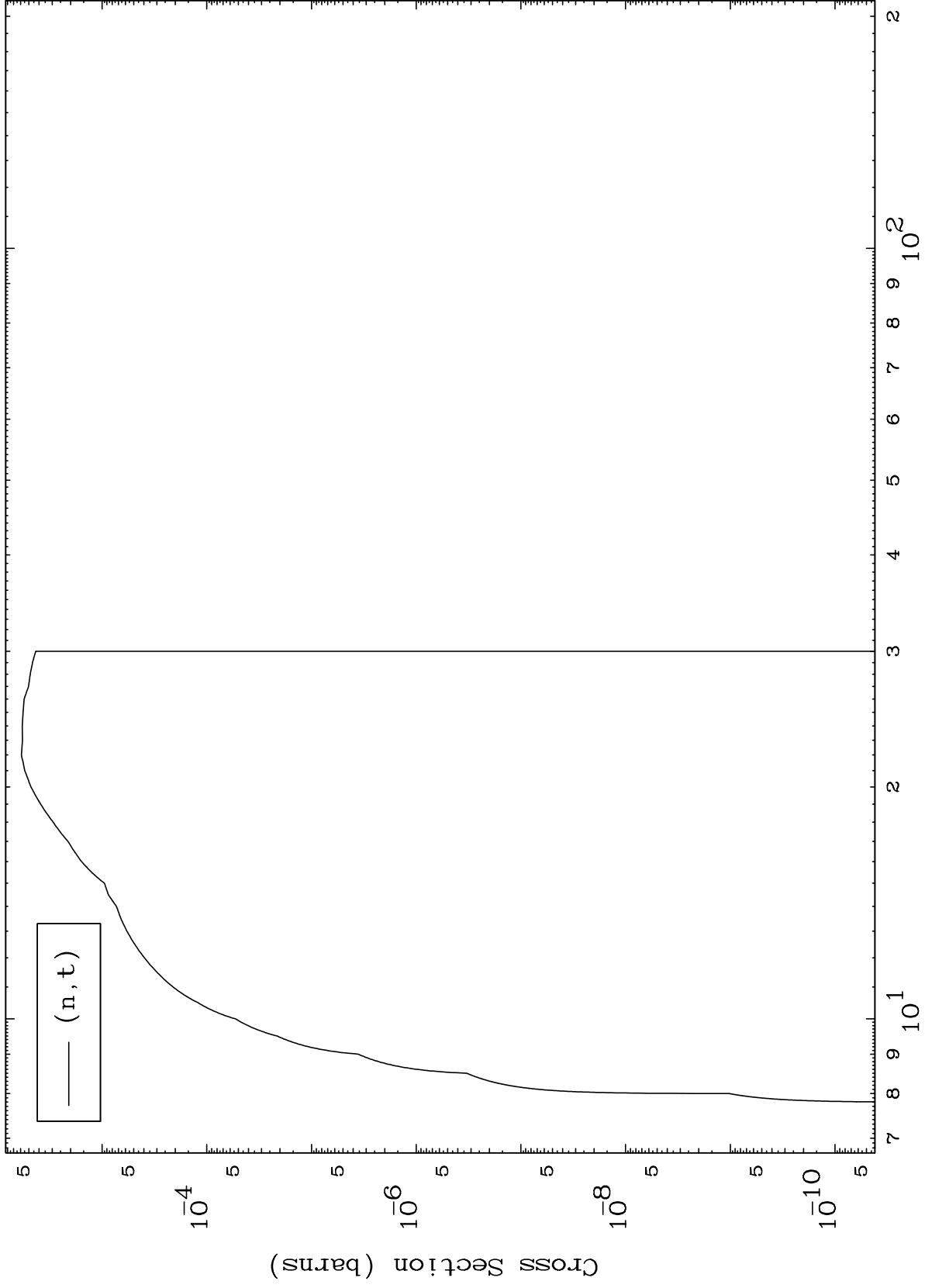
Incident Energy (MeV)

19-K -42

MAT 1934

(n,t) Levels  
293 Kelvin Cross Sections

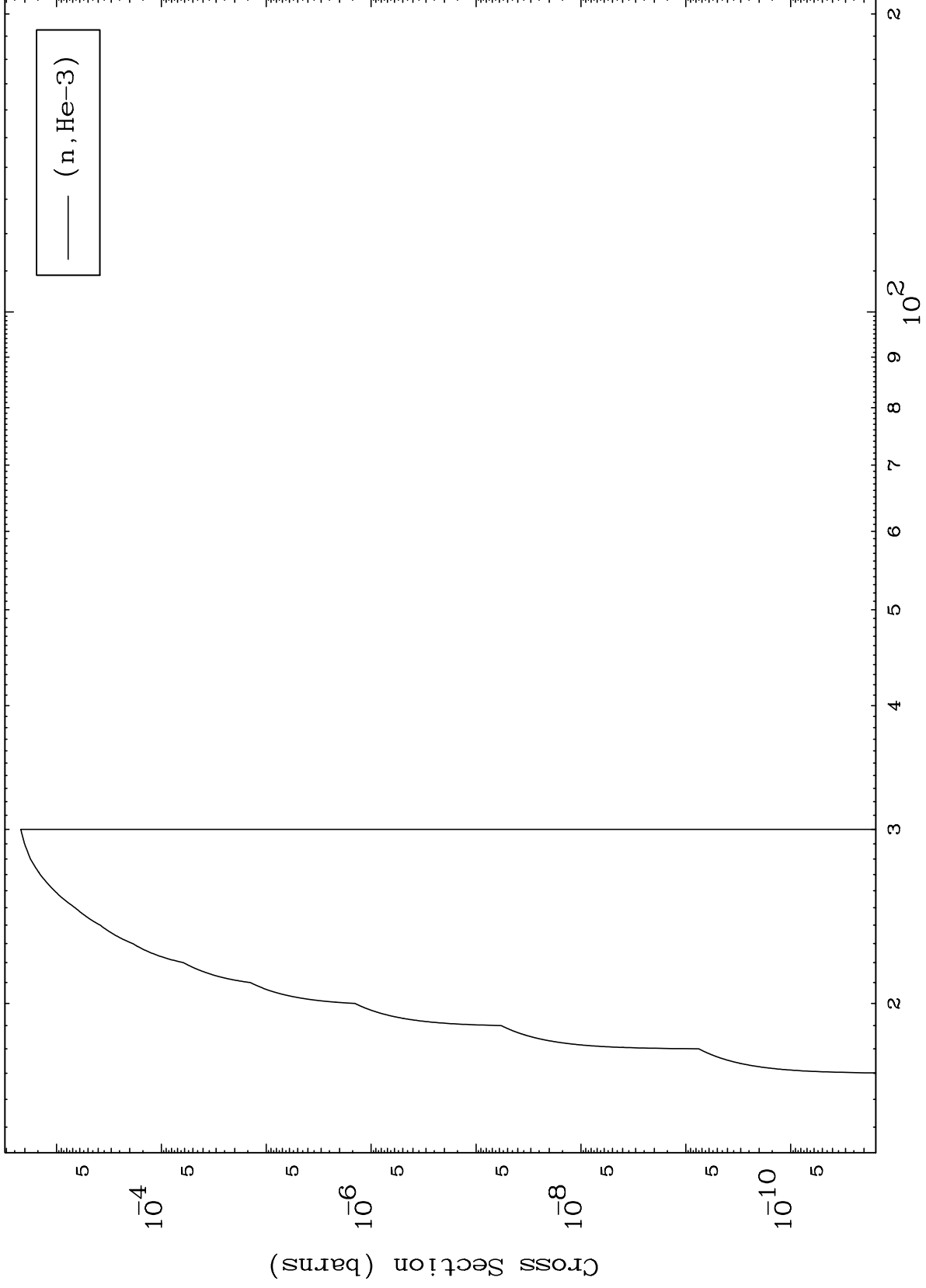
19-K -42



16

Incident Energy (MeV)

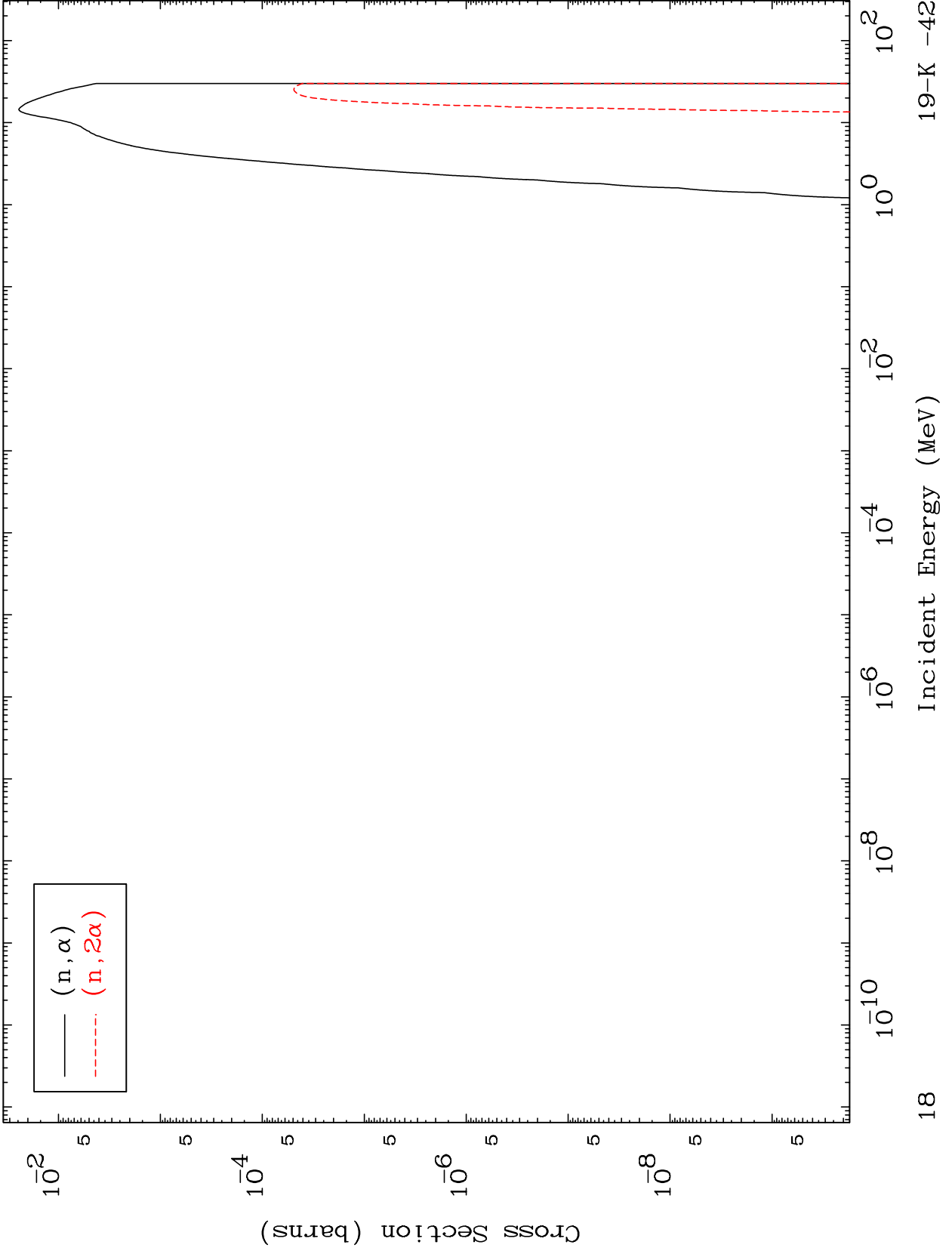
19-K -42



MAT 1934

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

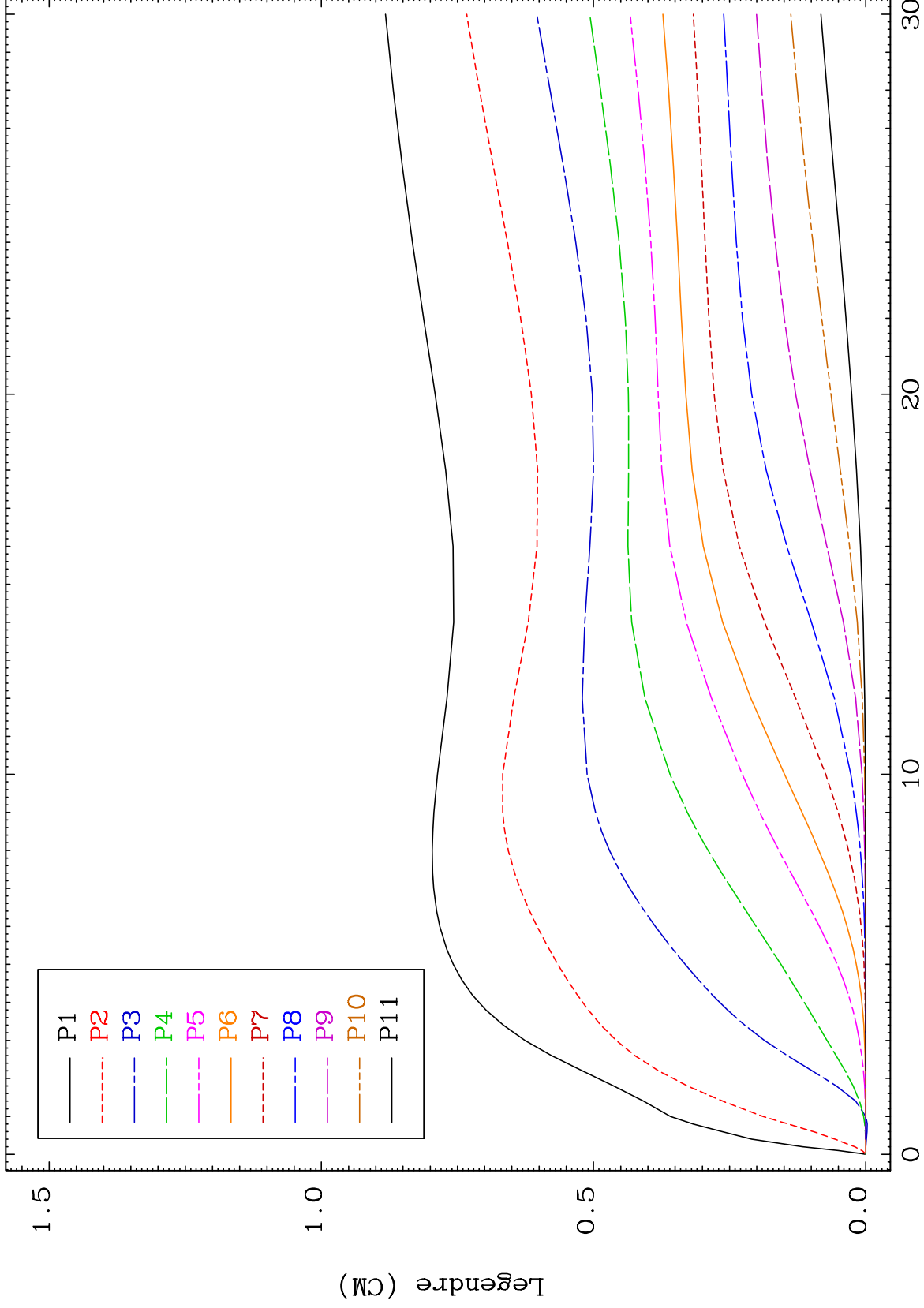
19-K -42



MAT 1934

Elastic Legendre Coefficients

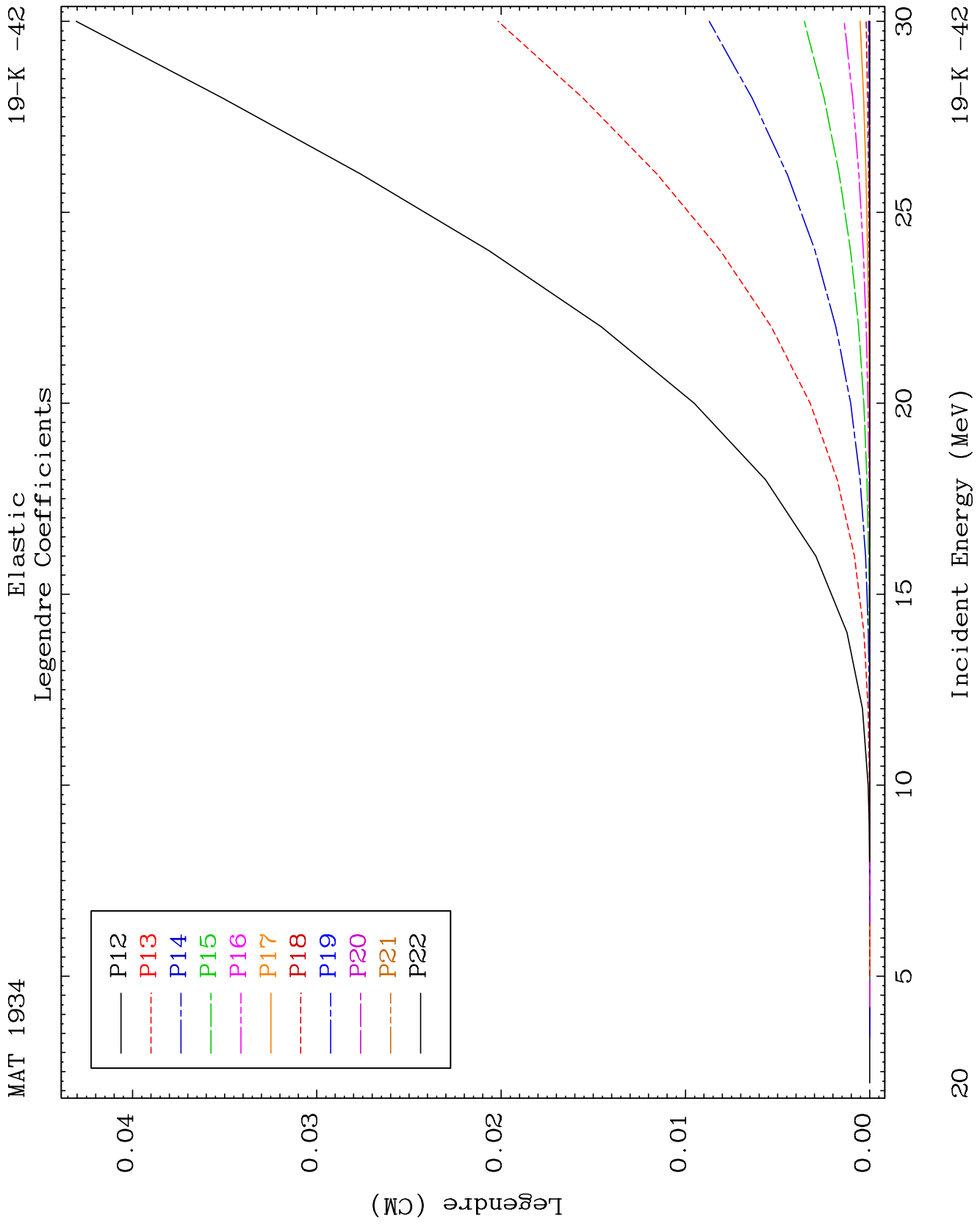
19-K -42



19

Incident Energy (MeV)

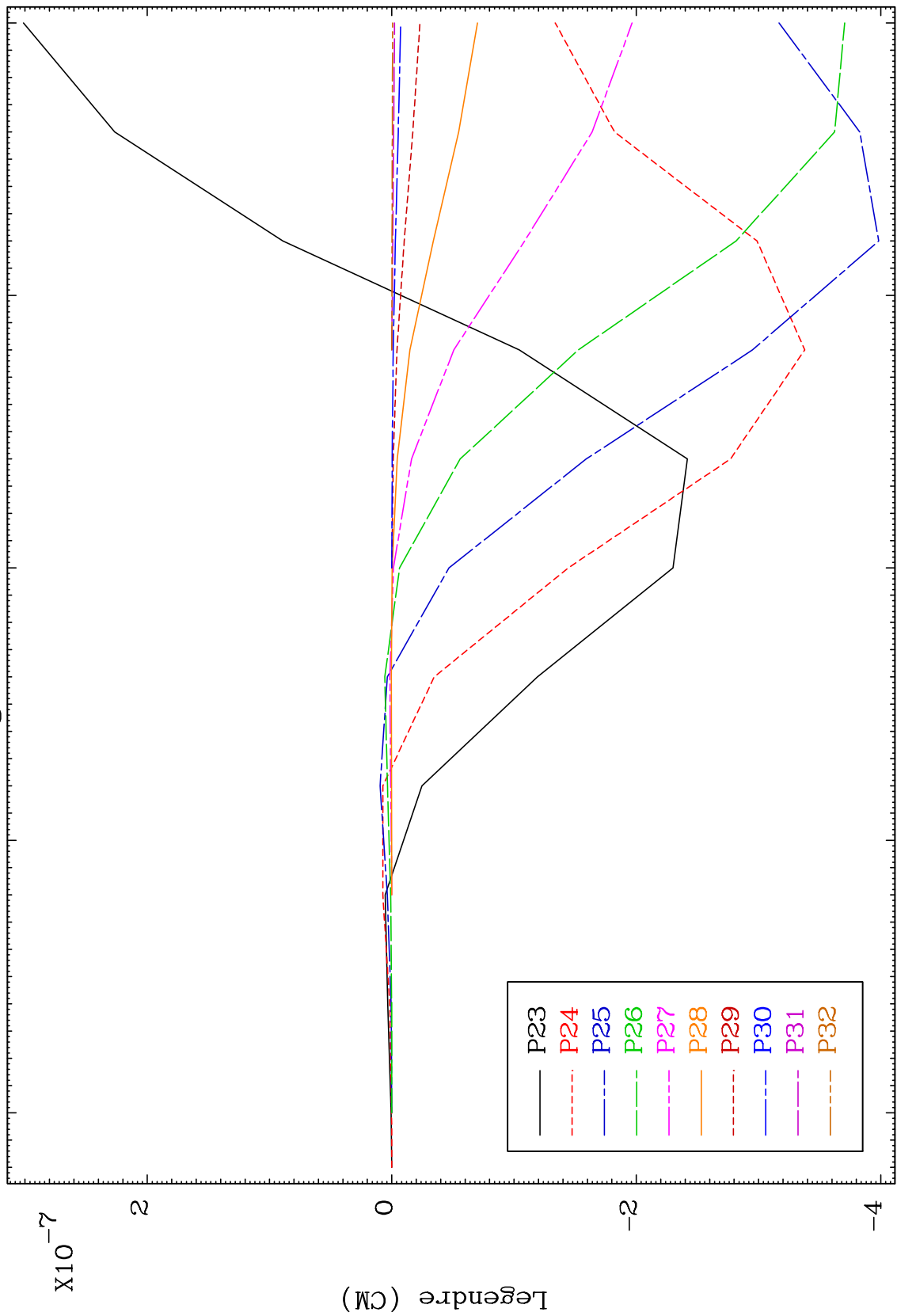
19-K -42



MAT 1934

Elastic Legendre Coefficients

19-K -42



21

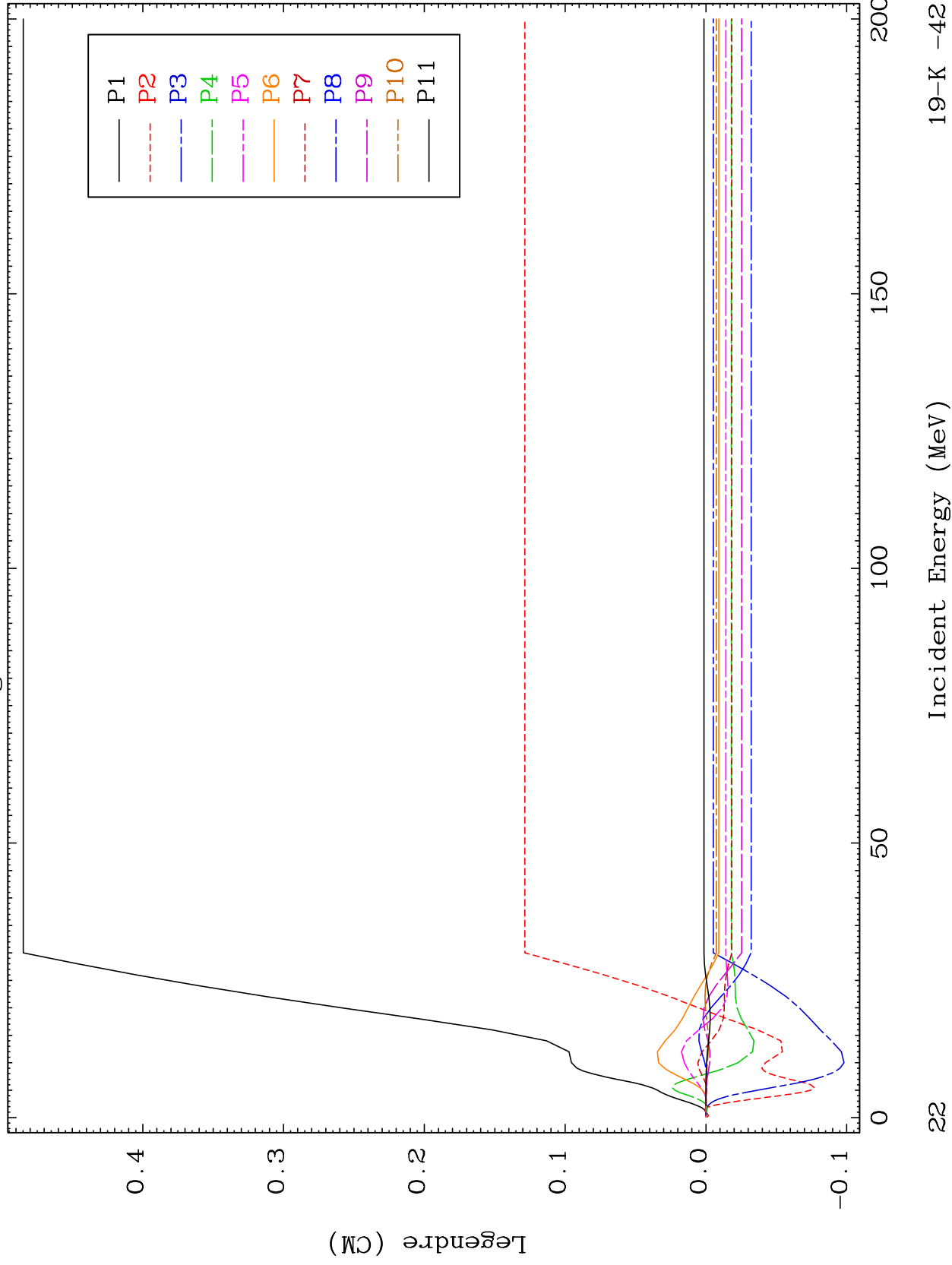
Incident Energy (MeV)

19-K -42

MAT 1934

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

19-K -42



19-K -42

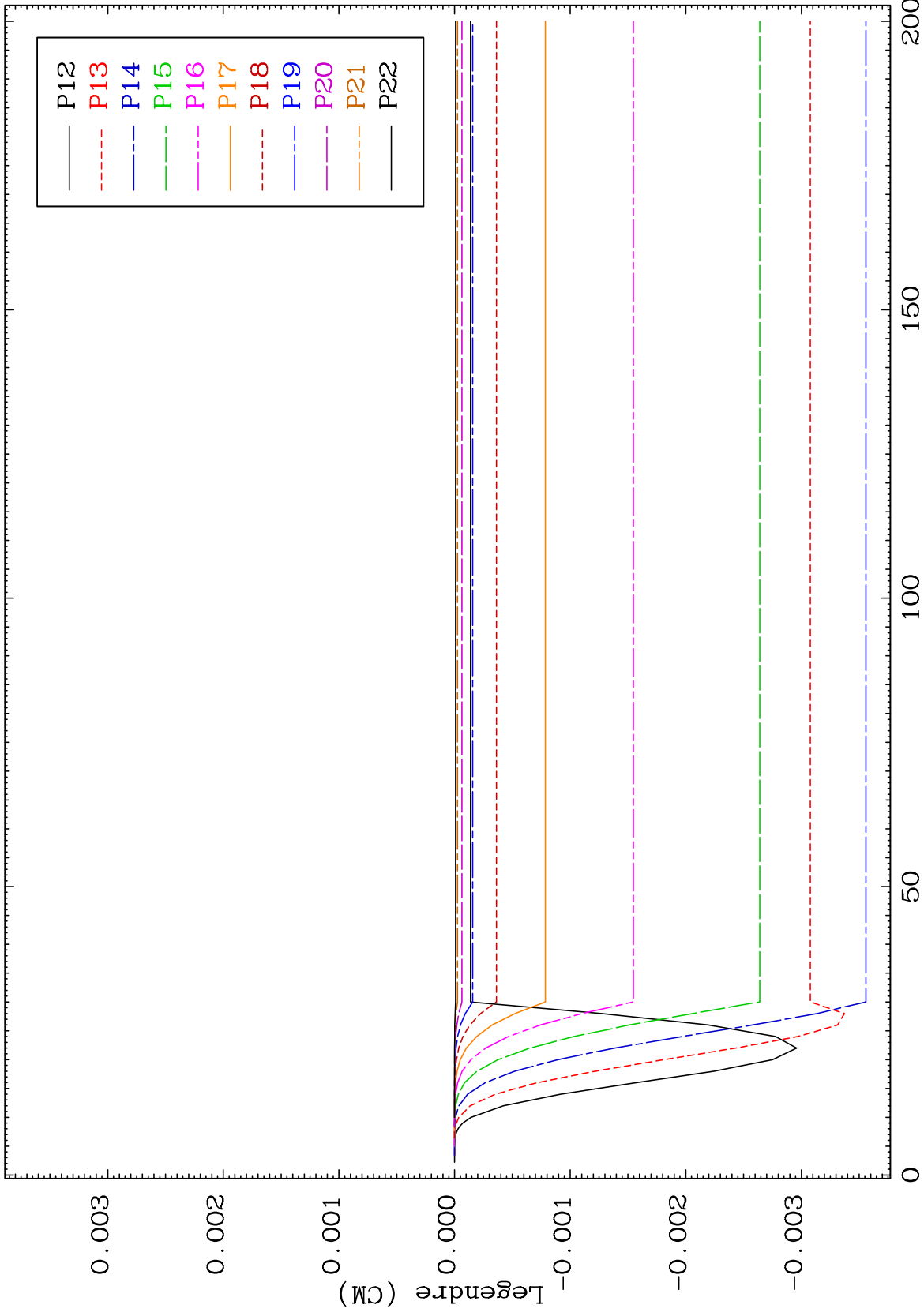
Incident Energy (MeV)

22

MAT 1934

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

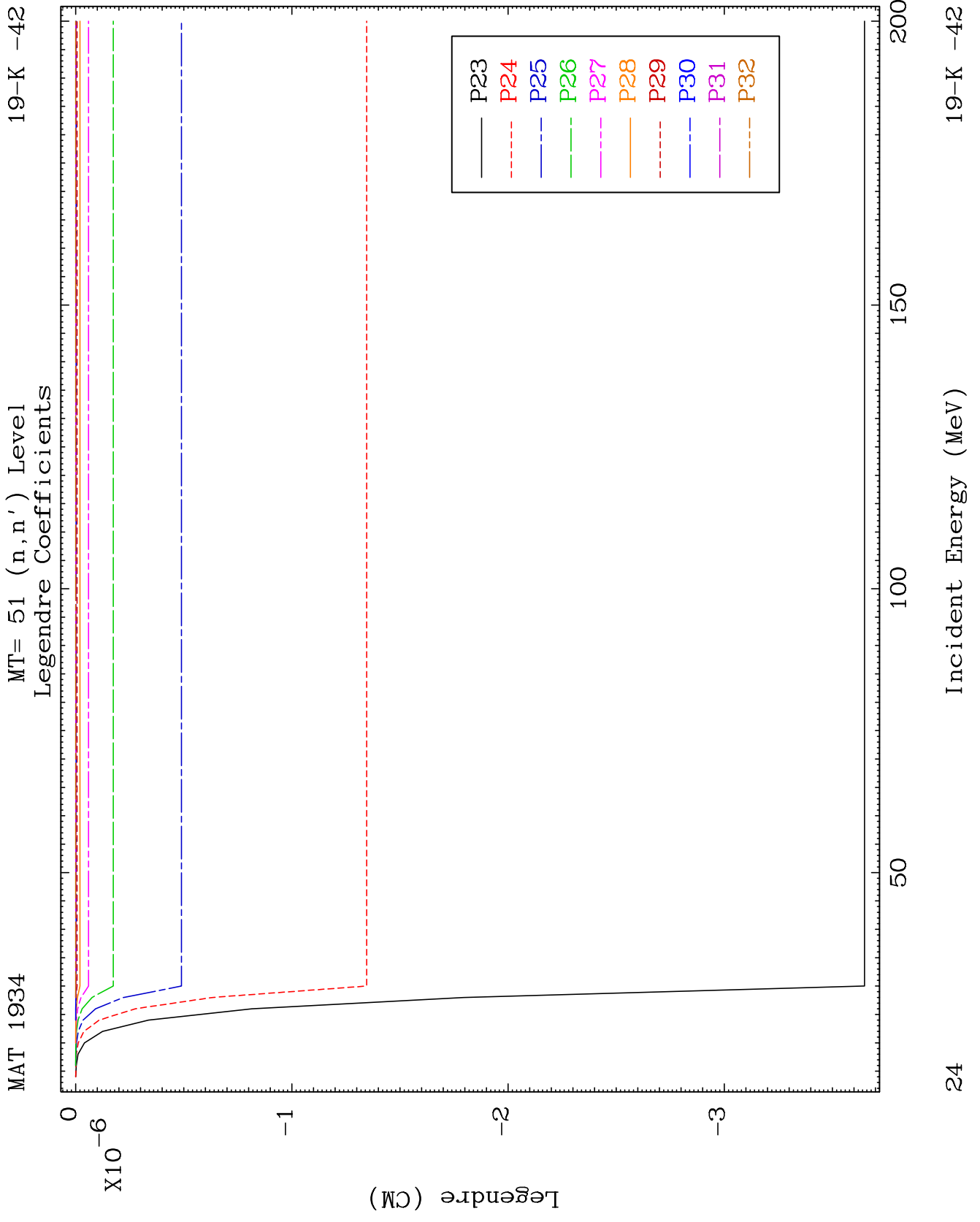
19-K -42



23

Incident Energy (MeV)

19-K -42



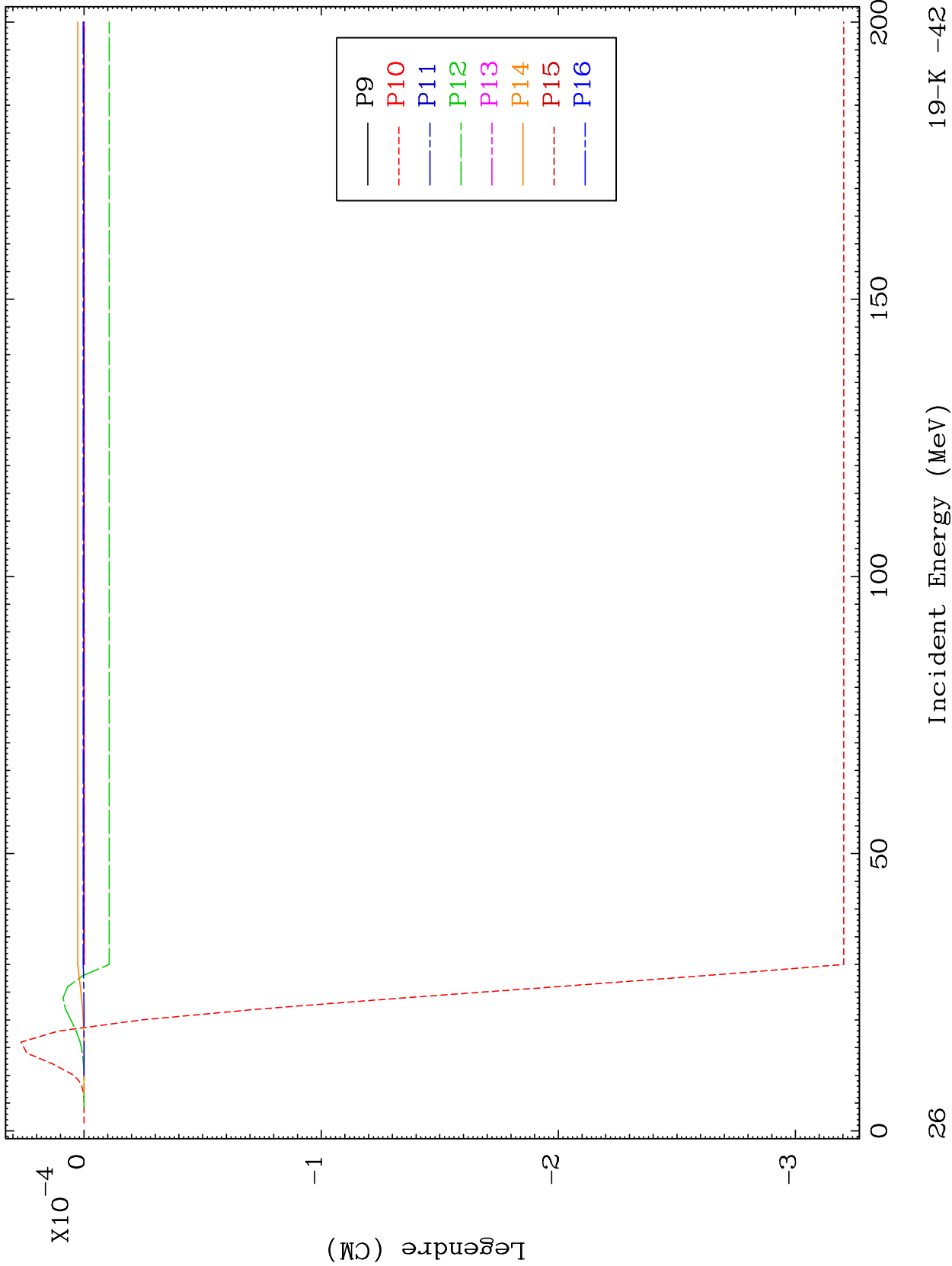


MAT 1934

MT= 52 (n,n') Level

19-K -42

Legendre Coefficients



26

Incident Energy (MeV)

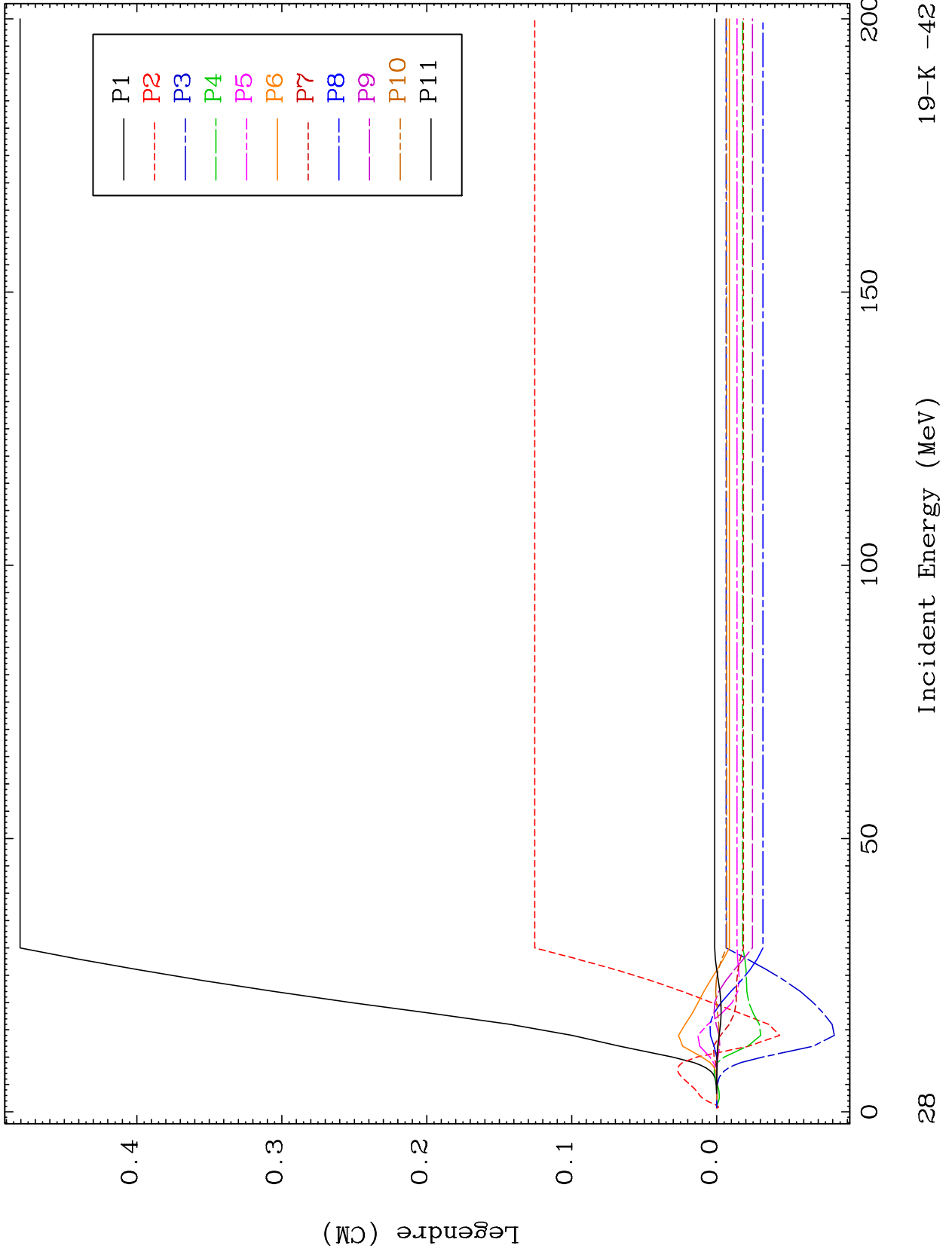
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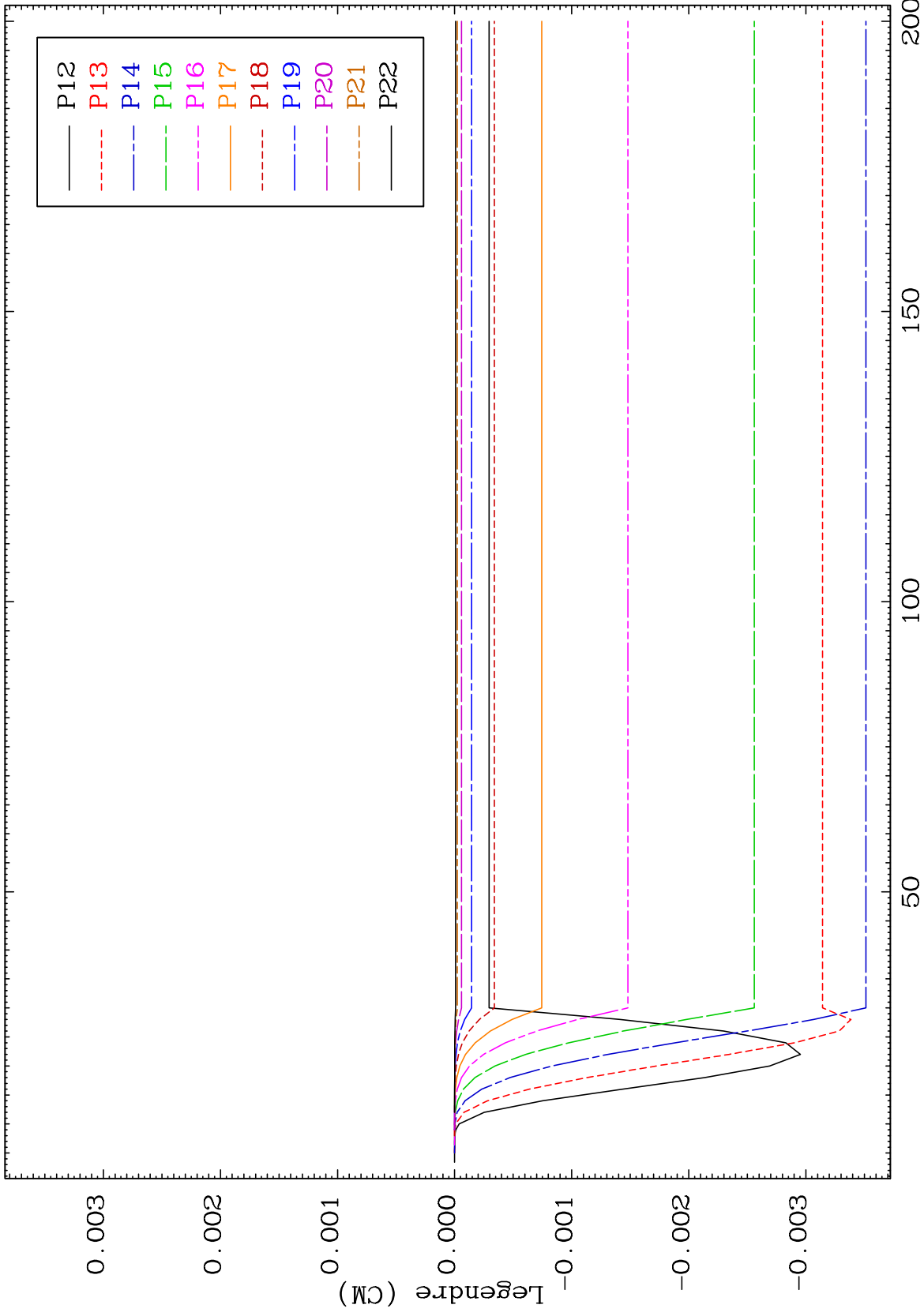


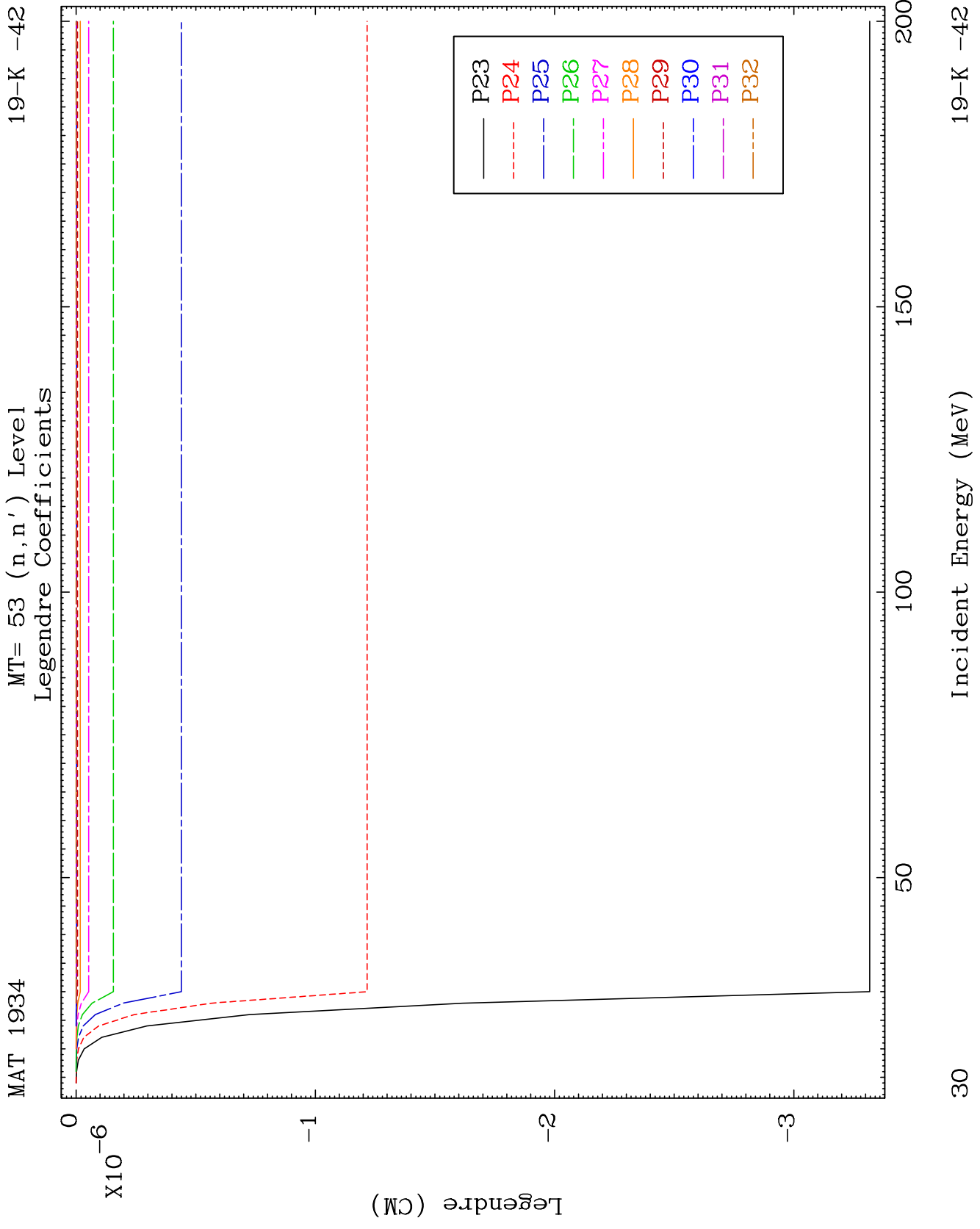
MAT 1934

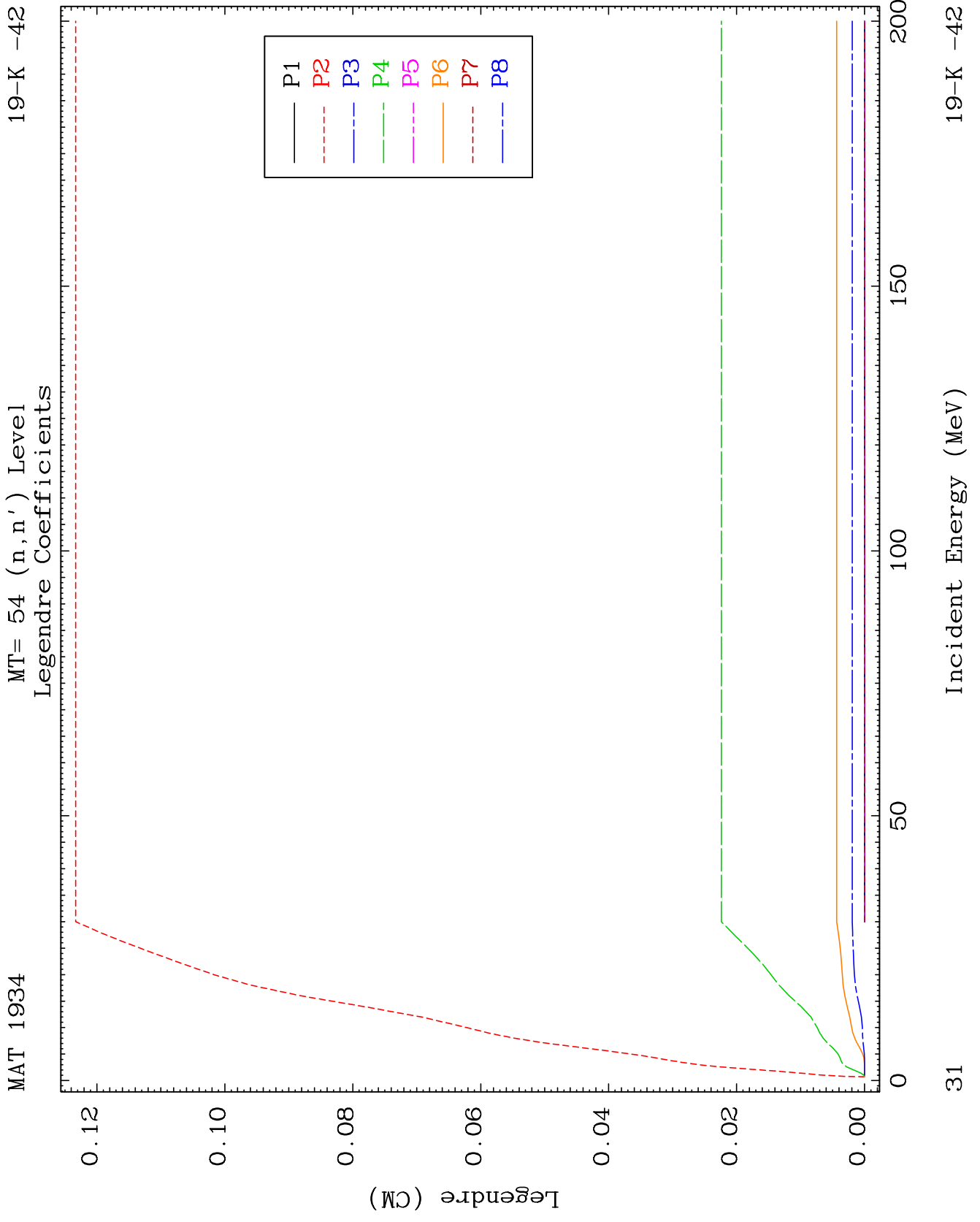
MT= 53 (n,n') Level  
Legendre Coefficients

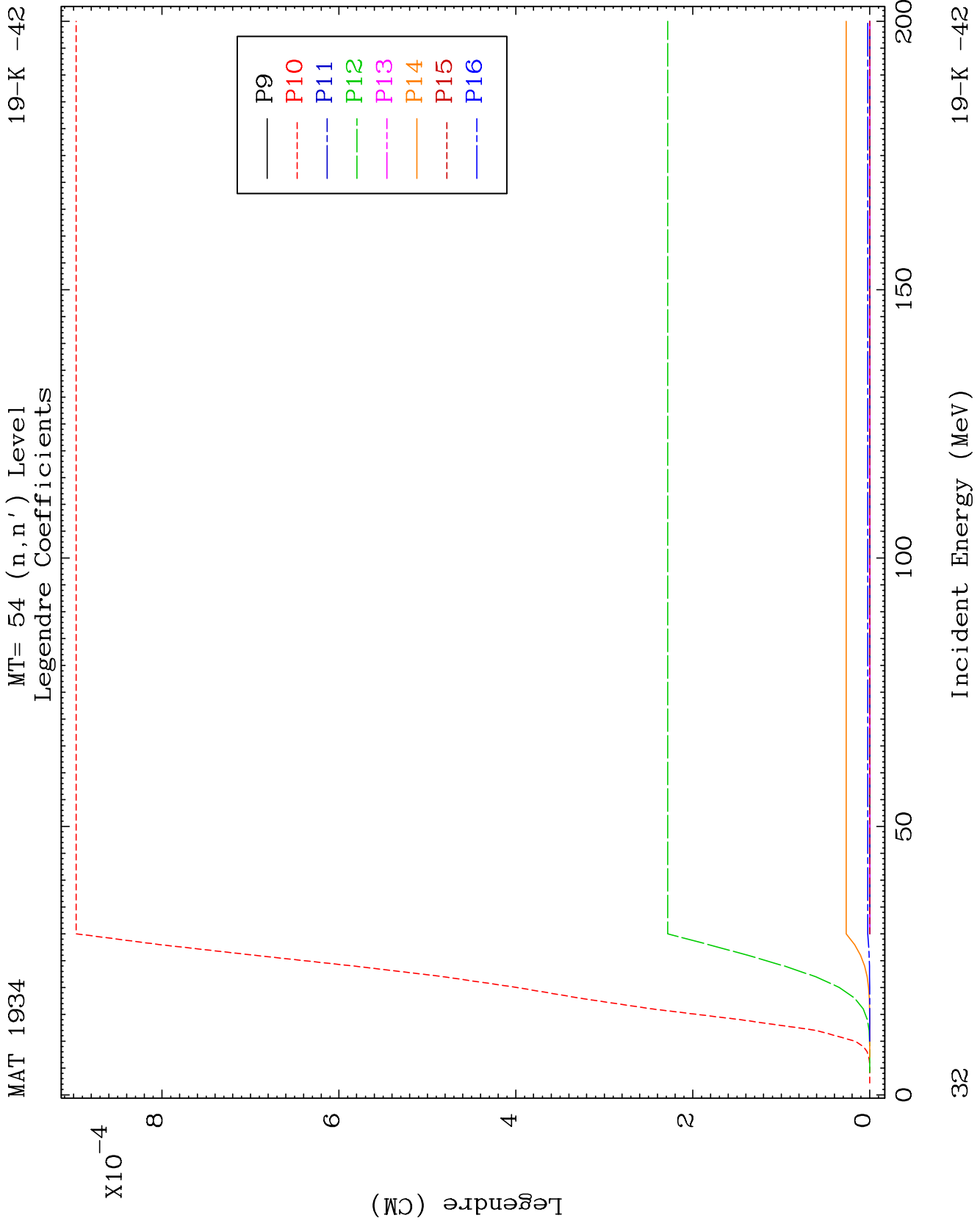
19-K -42

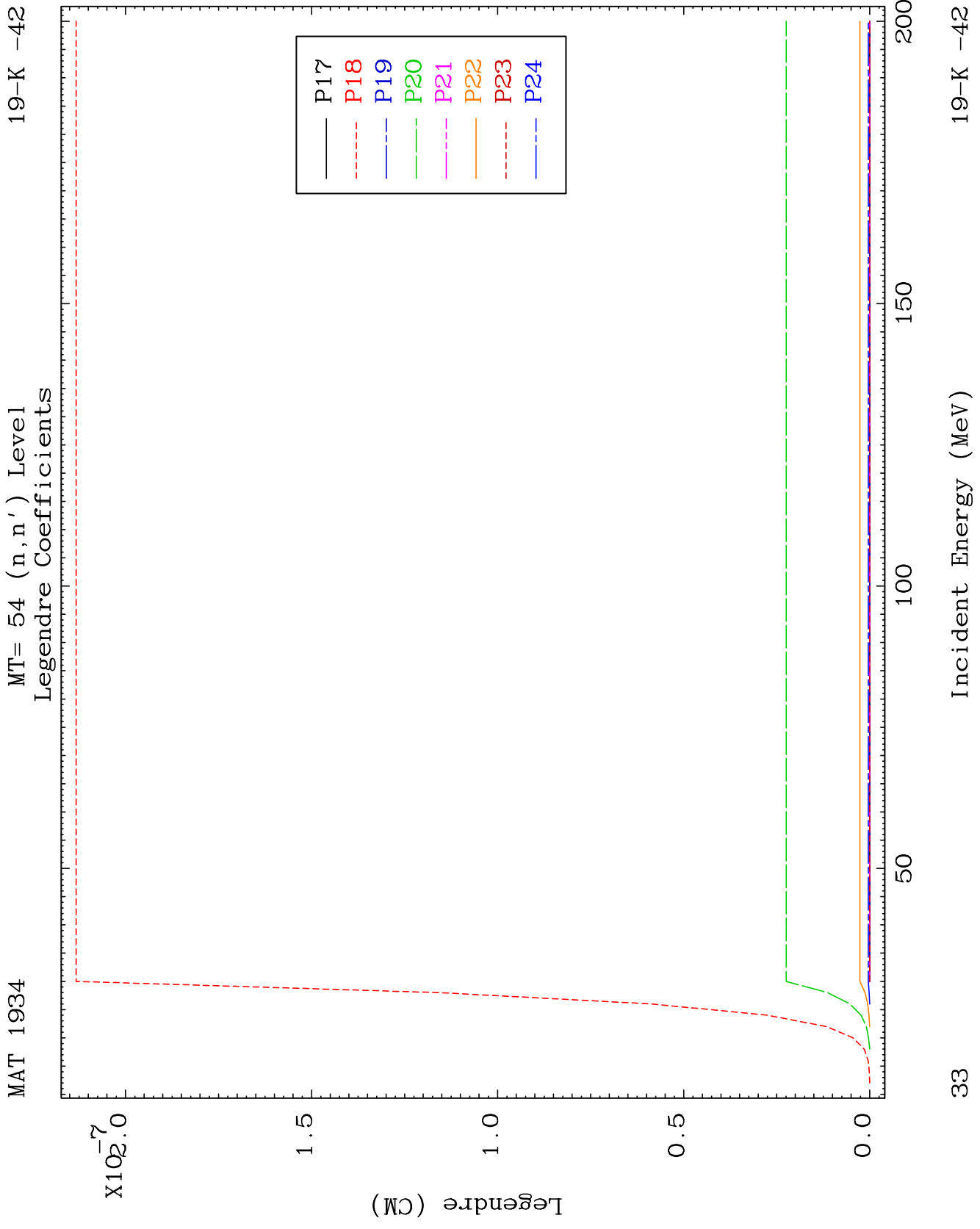








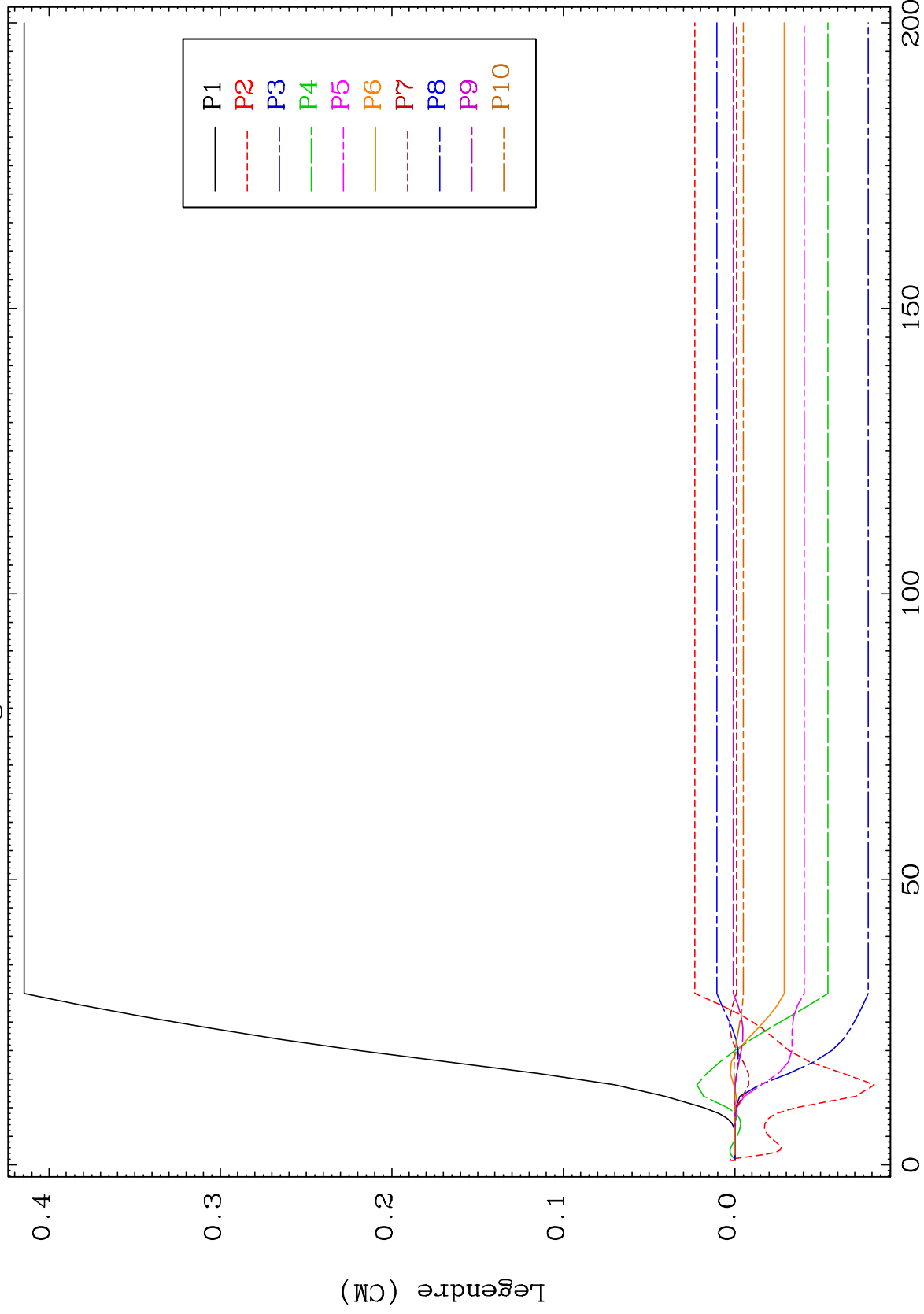




MAT 1934

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

19-K -42



34

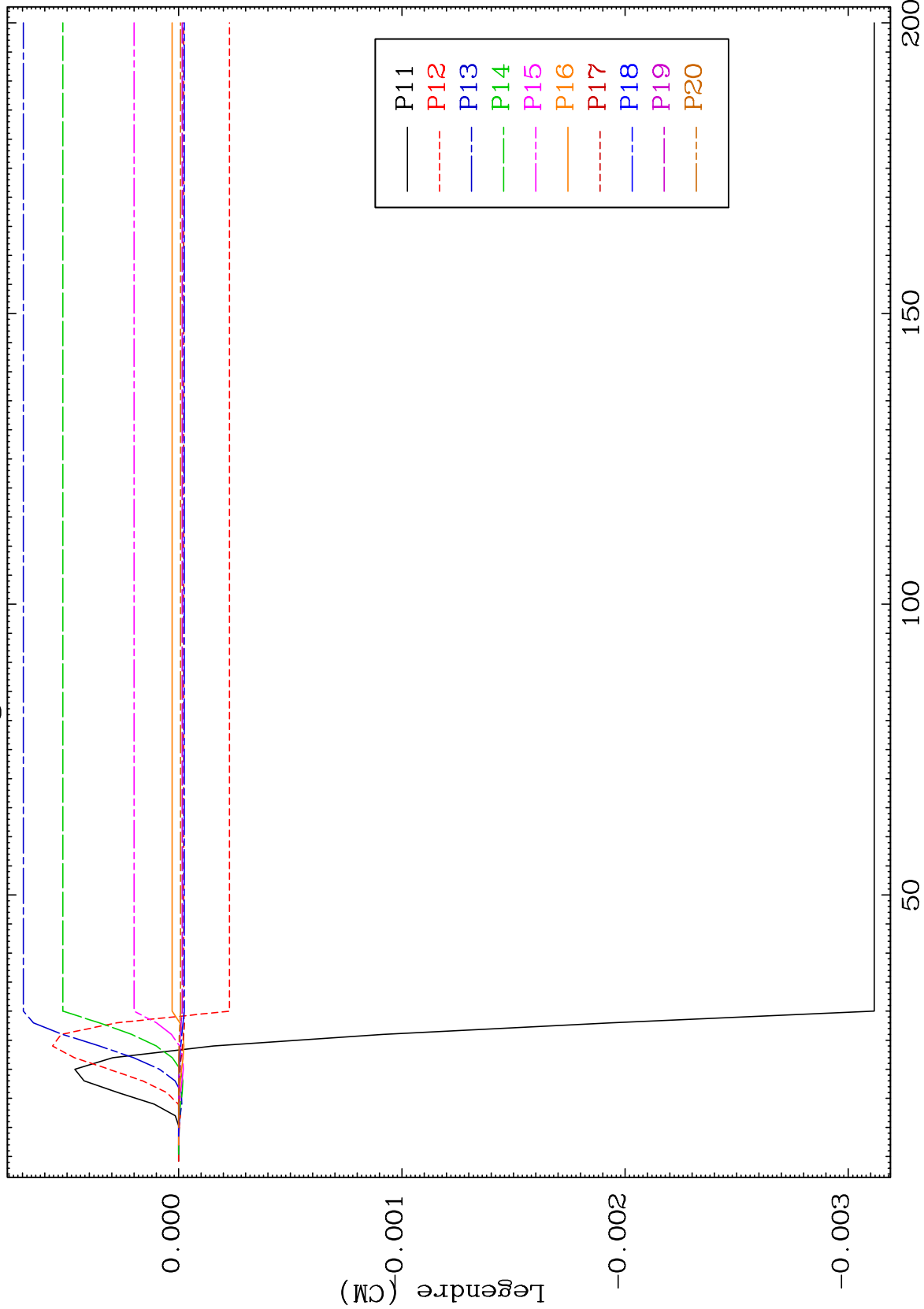
Incident Energy (MeV)

19-K -42

MAT 1934

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

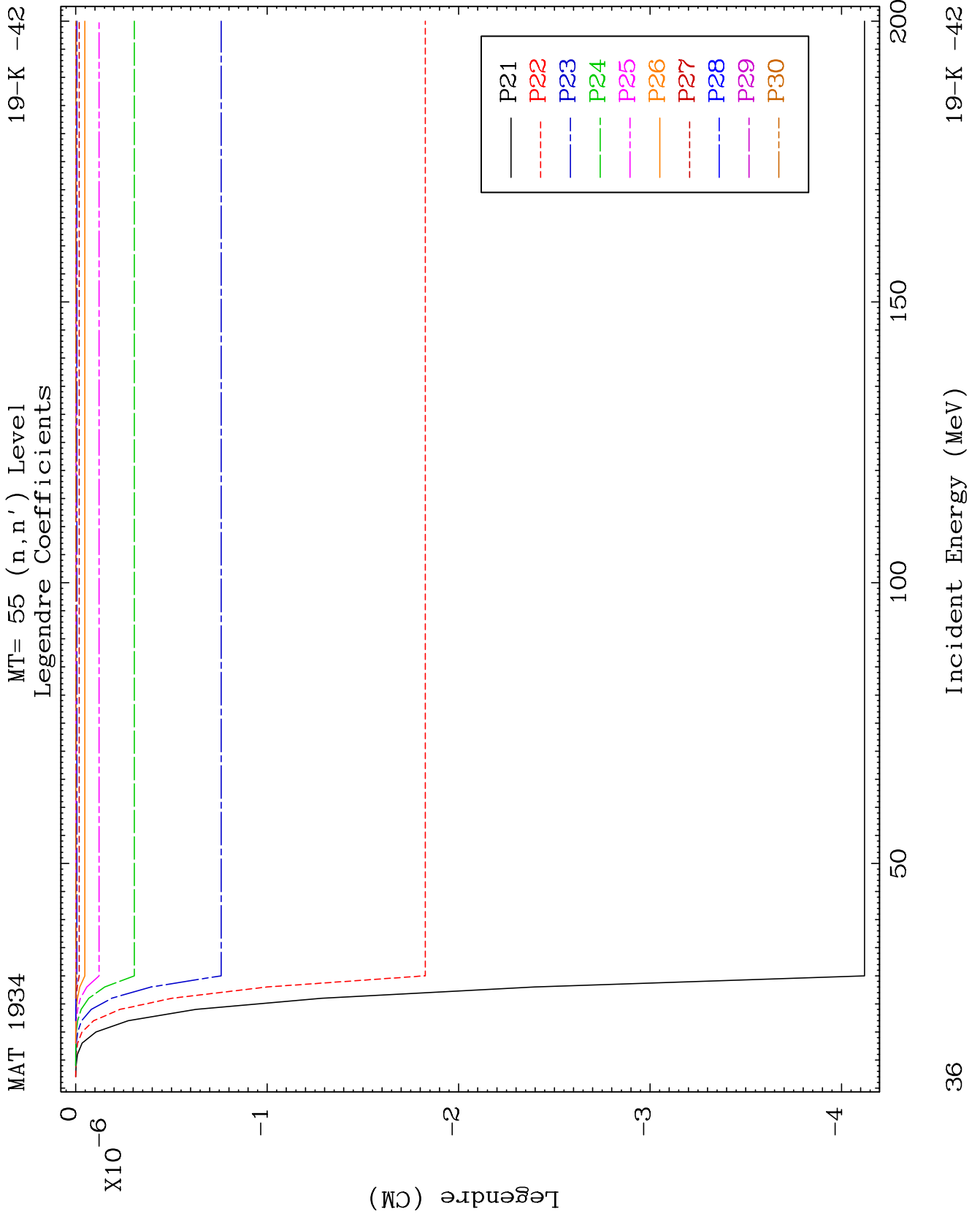
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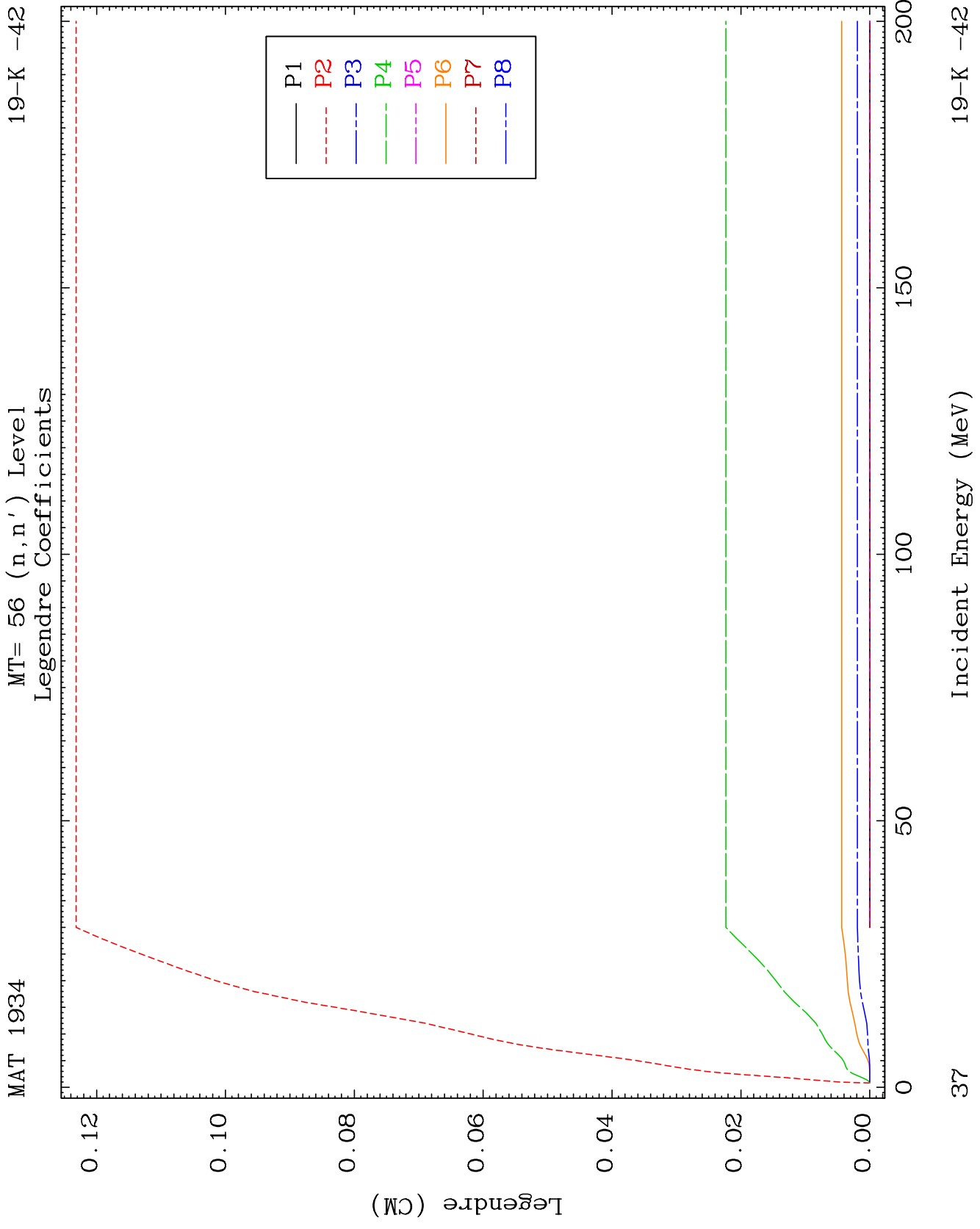


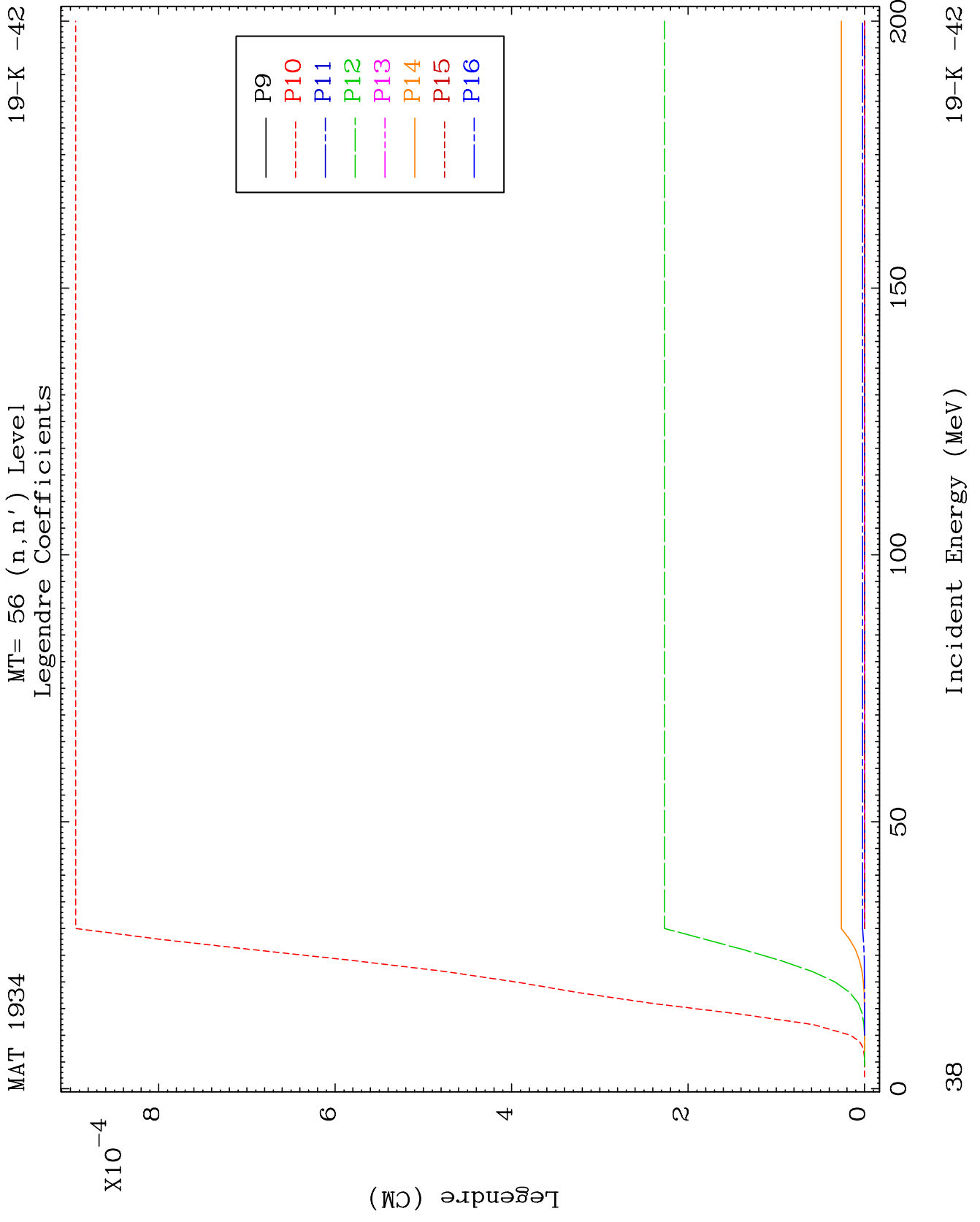
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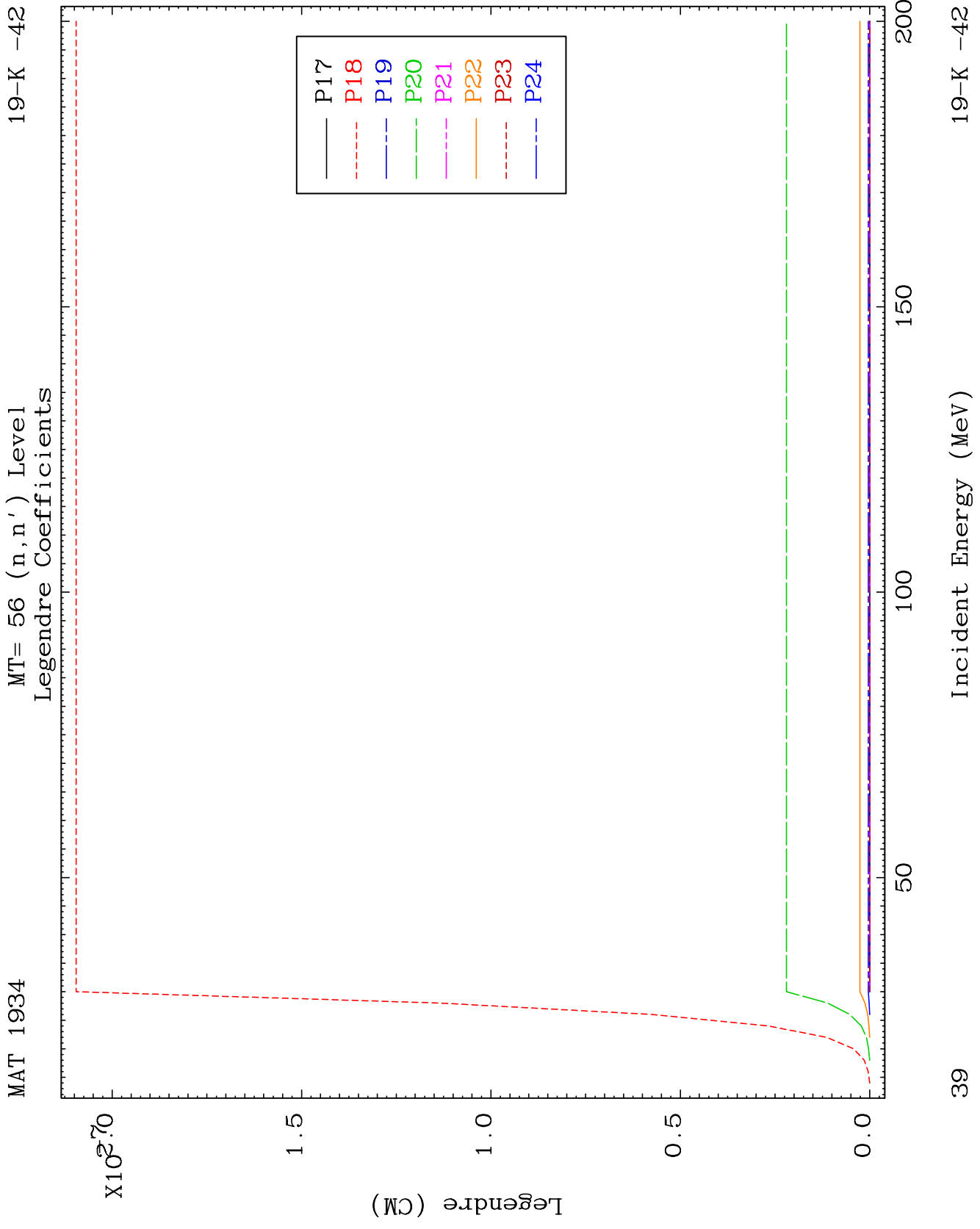
Incident Energy (MeV)

19-K -42

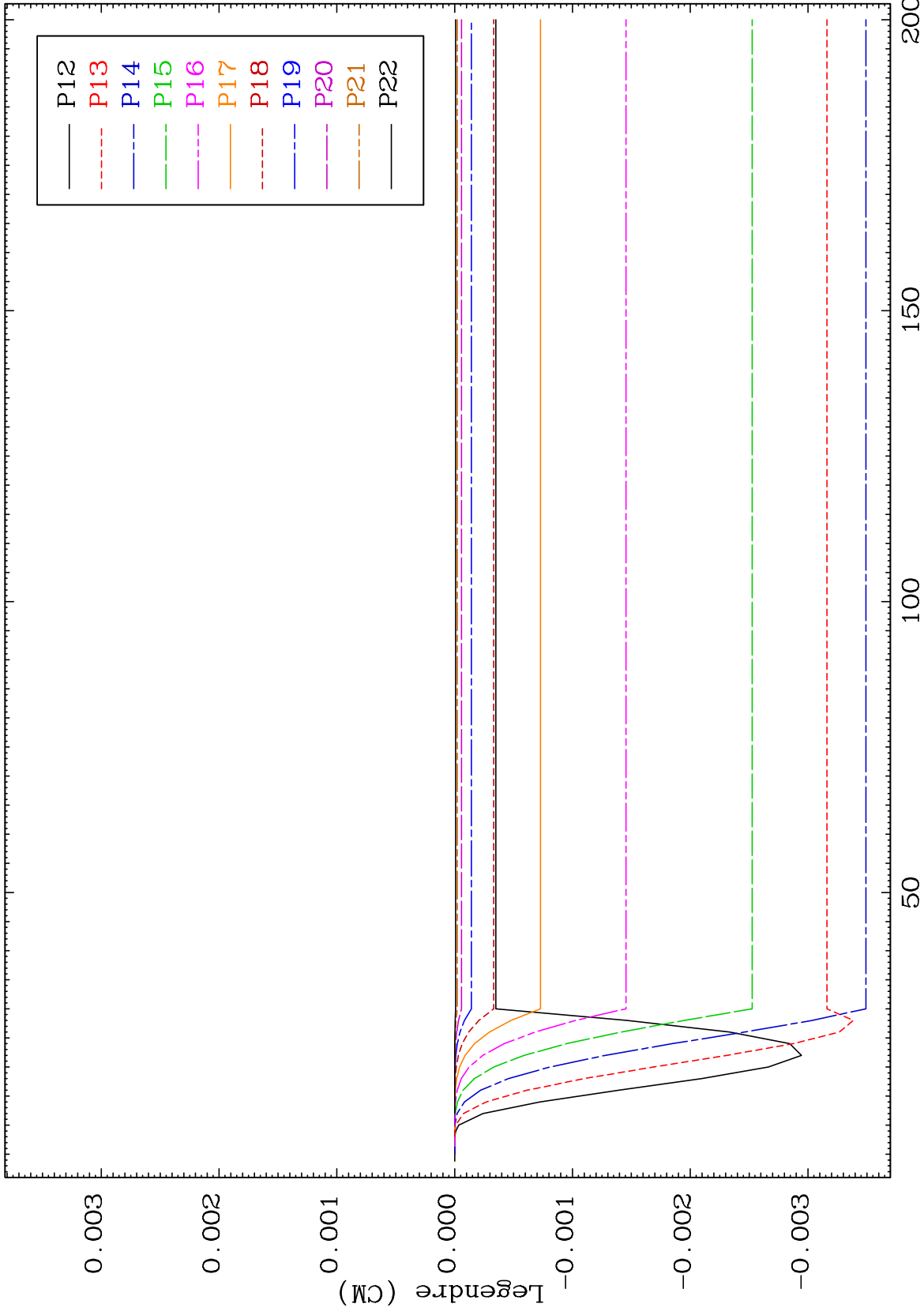


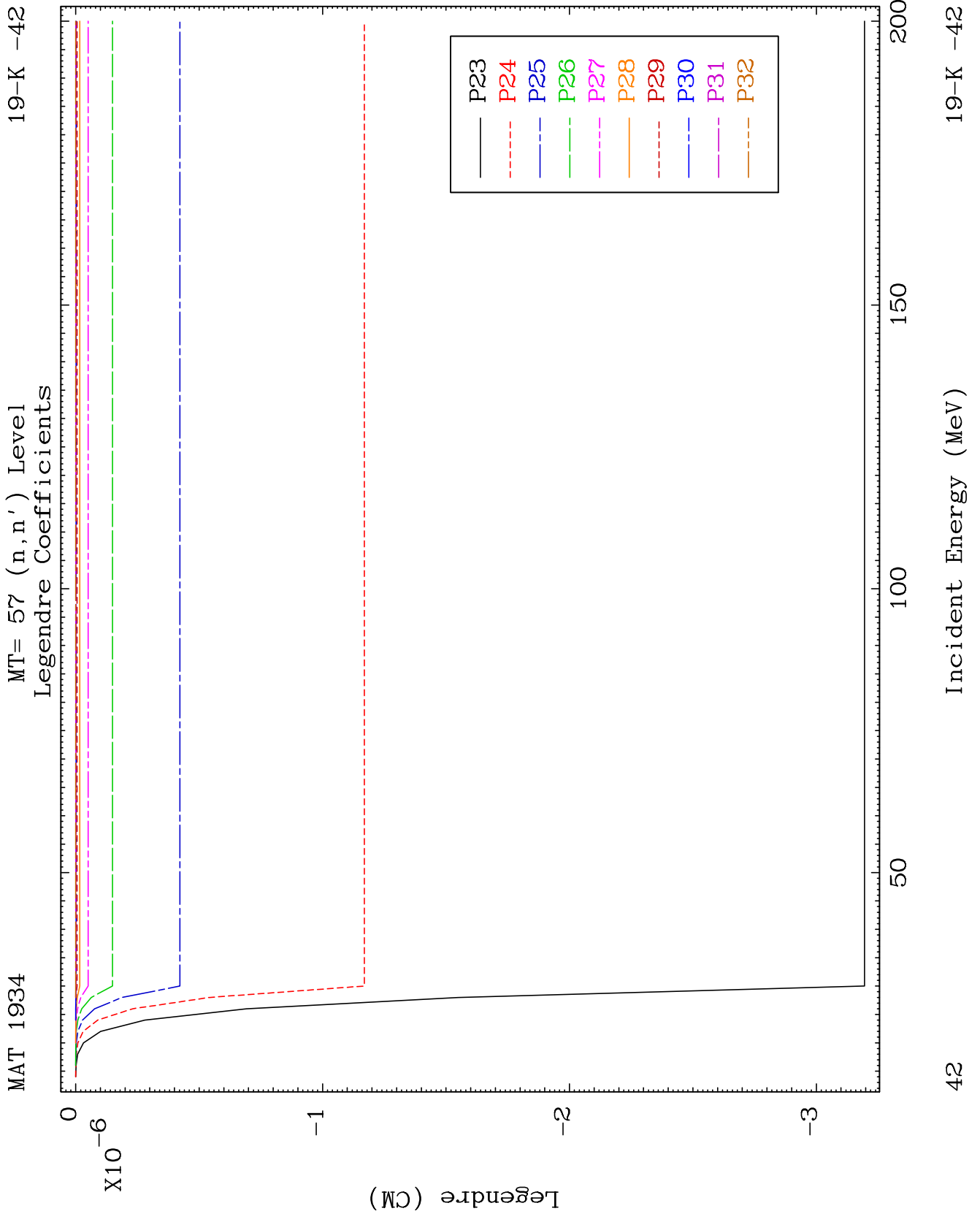








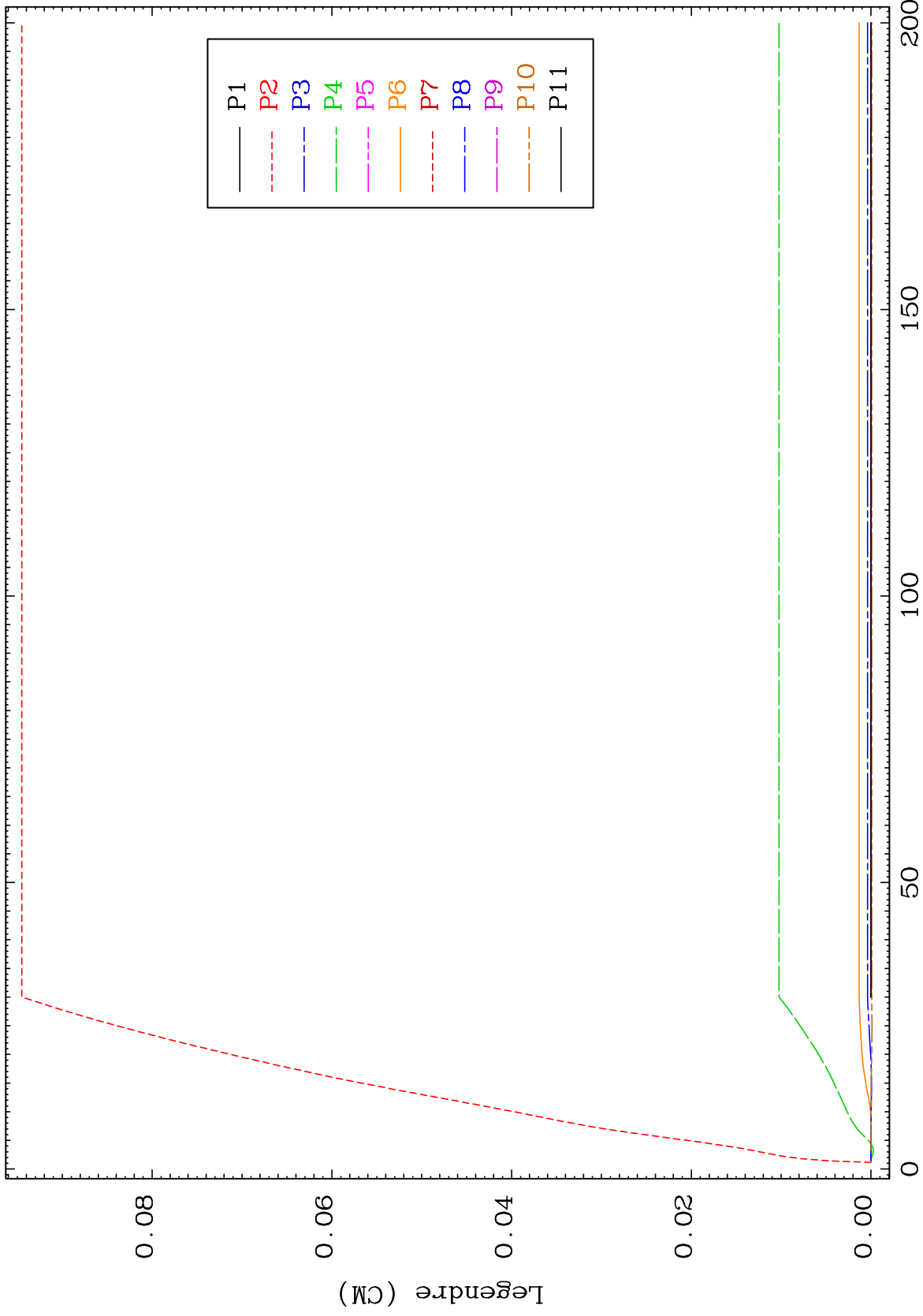




MAT 1934

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

19-K -42



43

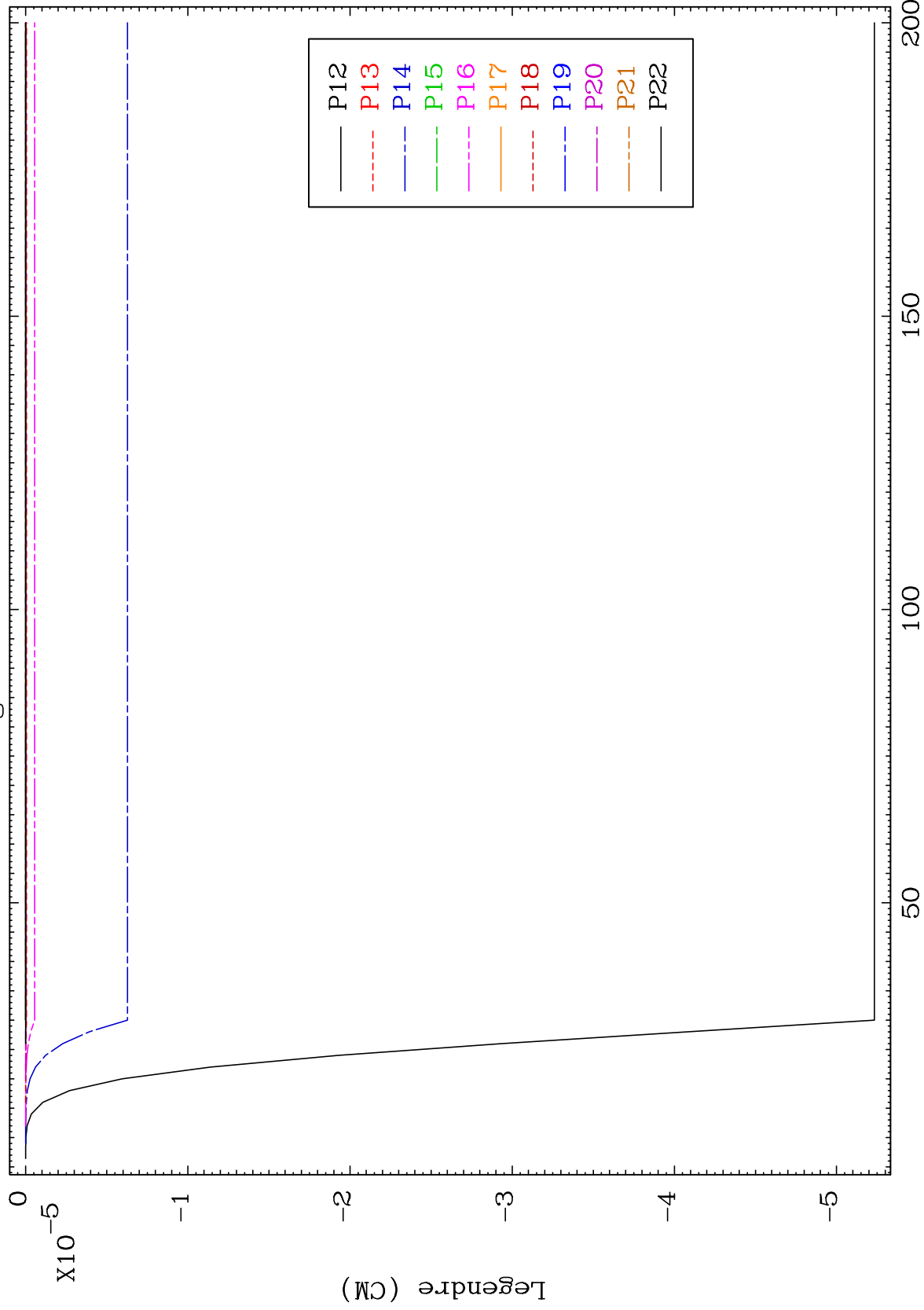
Incident Energy (MeV)

19-K -42

MAT 1934

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

19-K -42



44

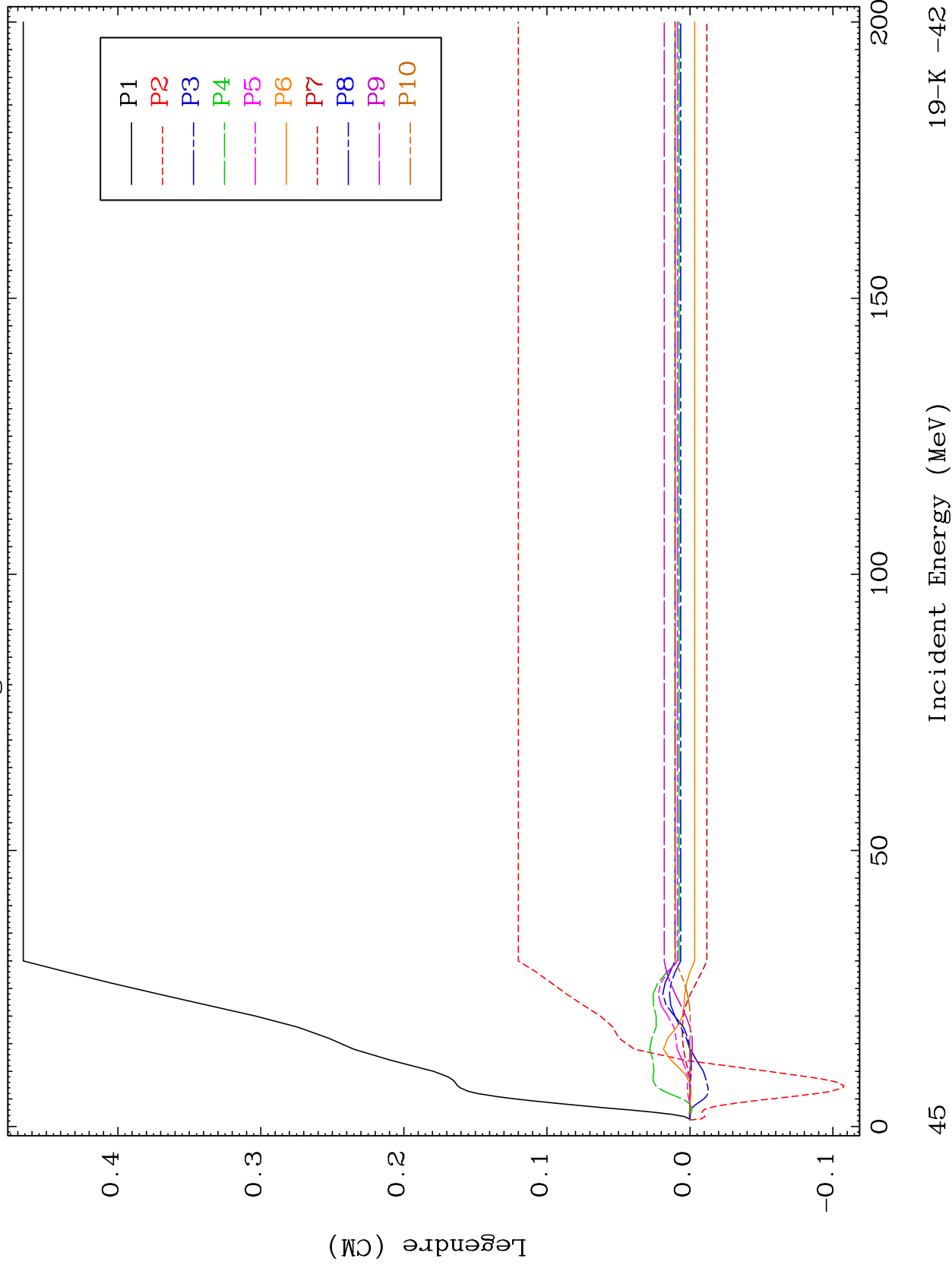
Incident Energy (MeV)

19-K -42

MAT 1934

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

19-K -42



19-K -42

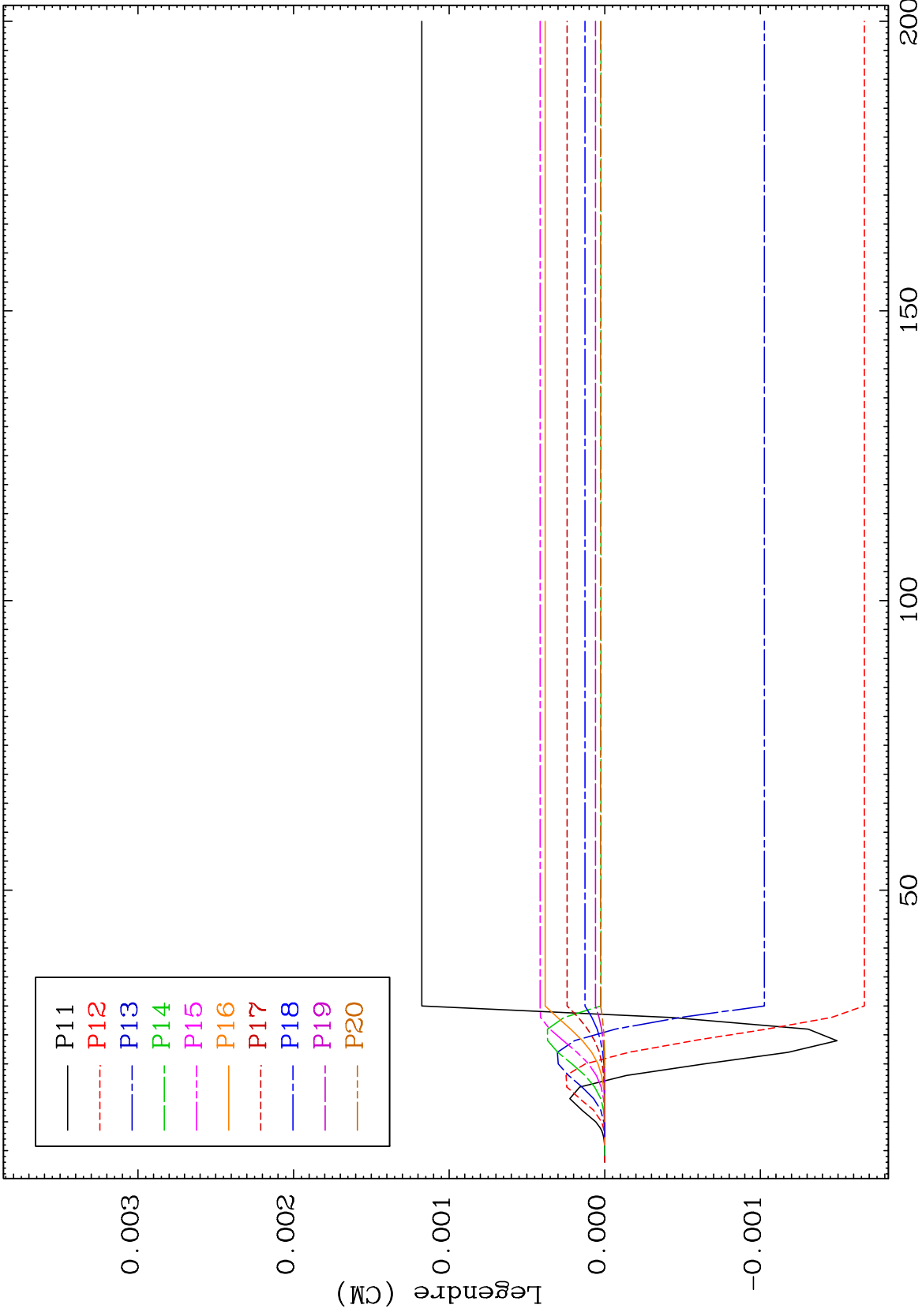
Incident Energy (MeV)

45

MAT 1934

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

19-K -42



46

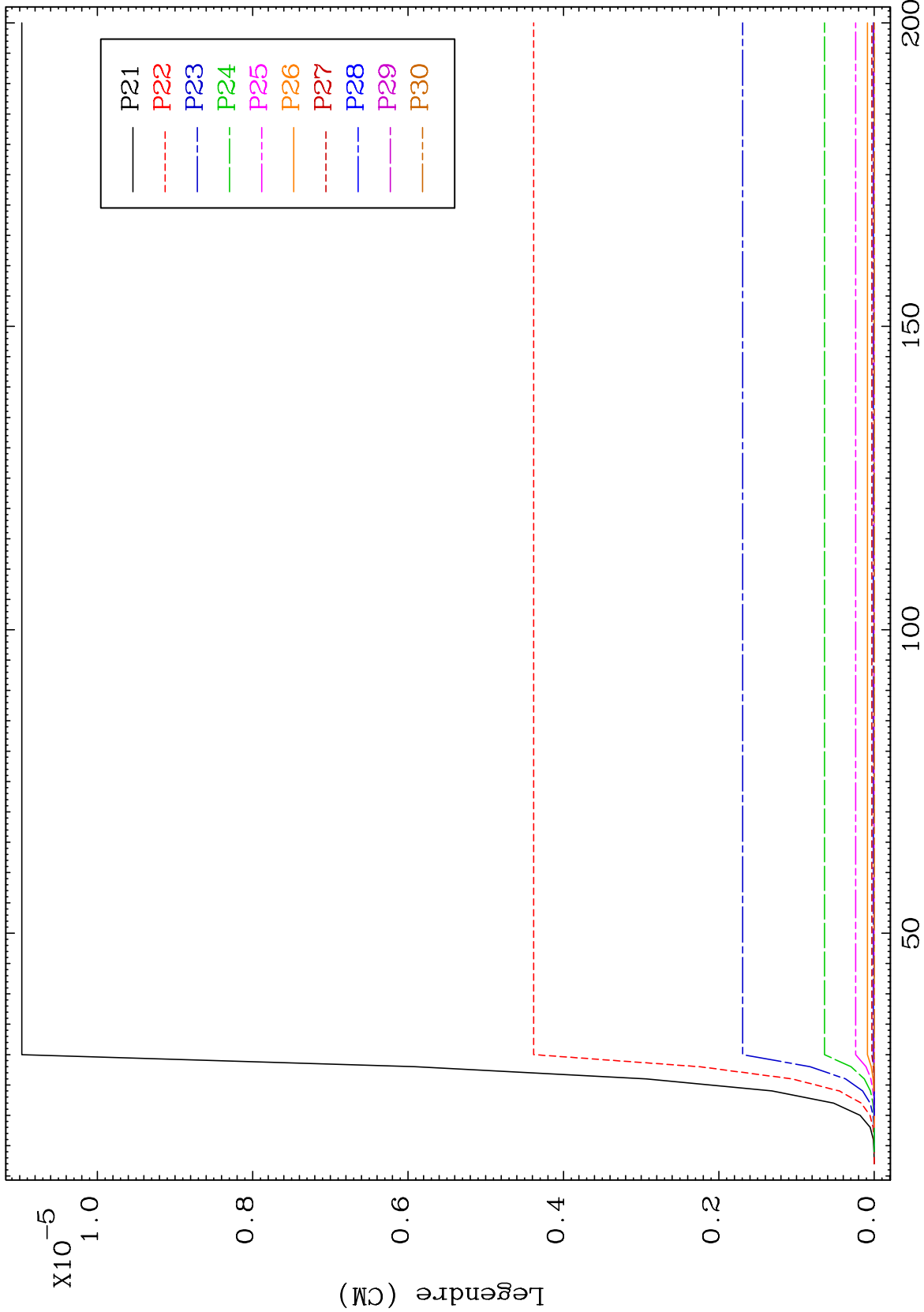
Incident Energy (MeV)

19-K -42

MAT 1934

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

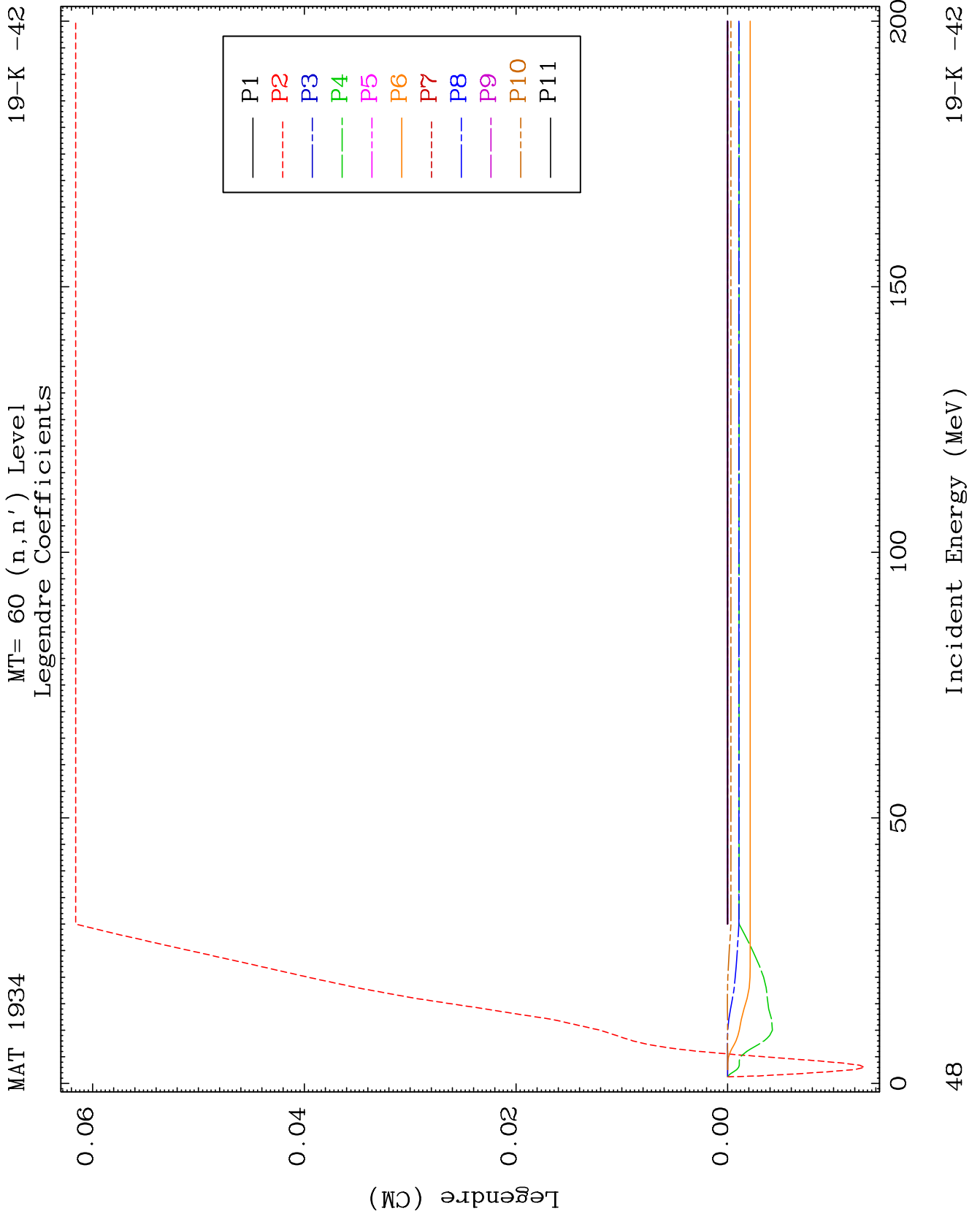
19-K -42



47

Incident Energy (MeV)

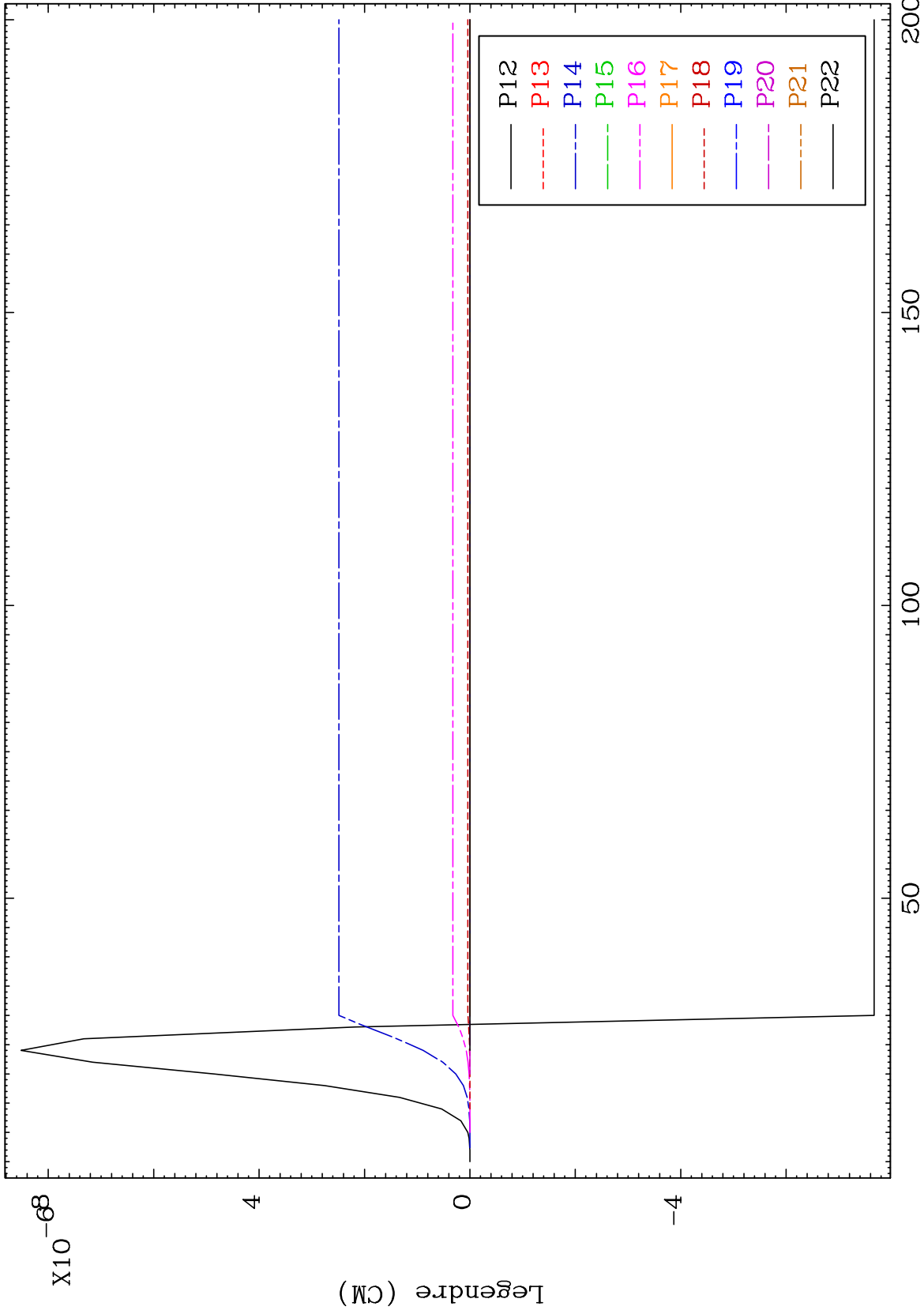
19-K -42



MAT 1934

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

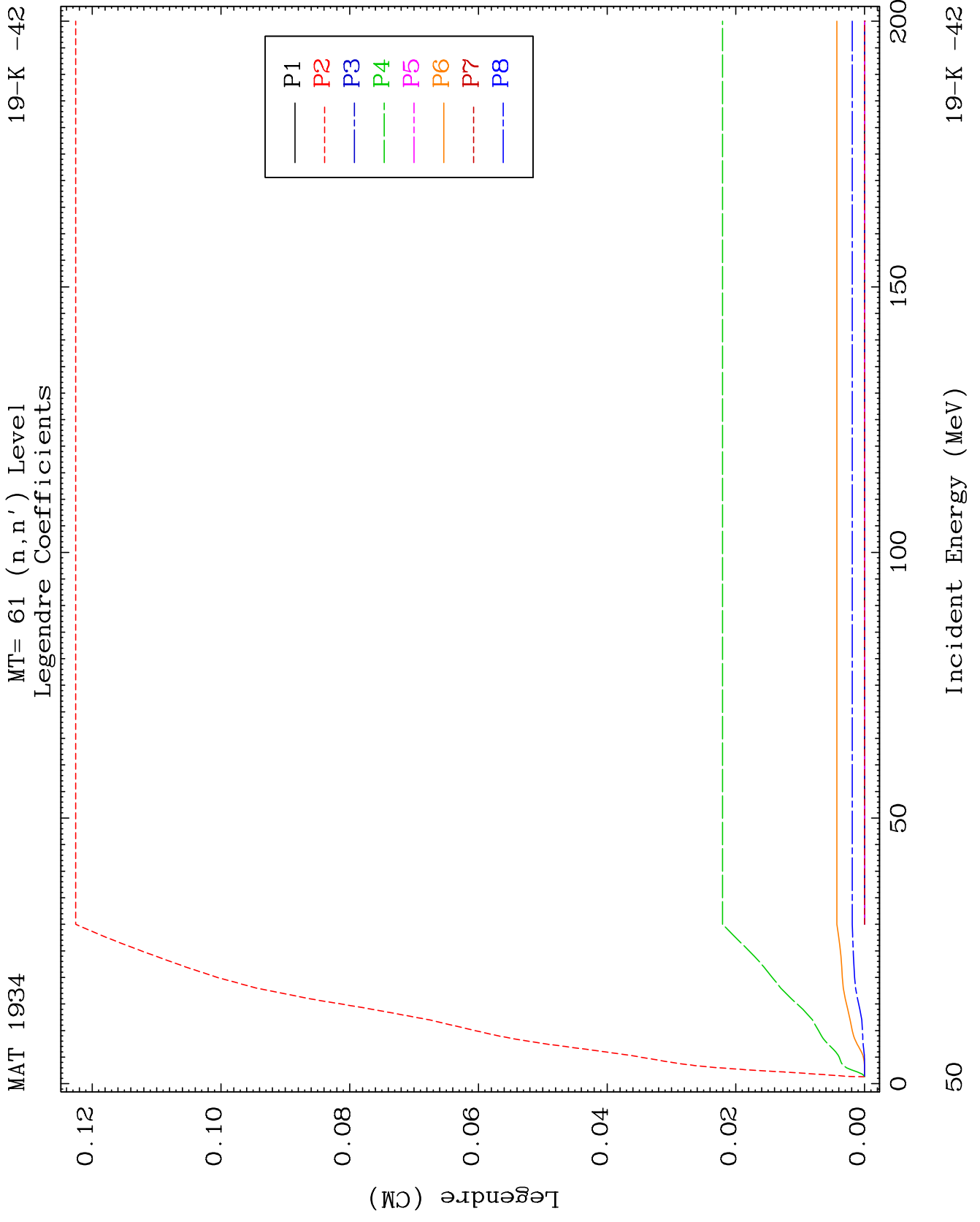
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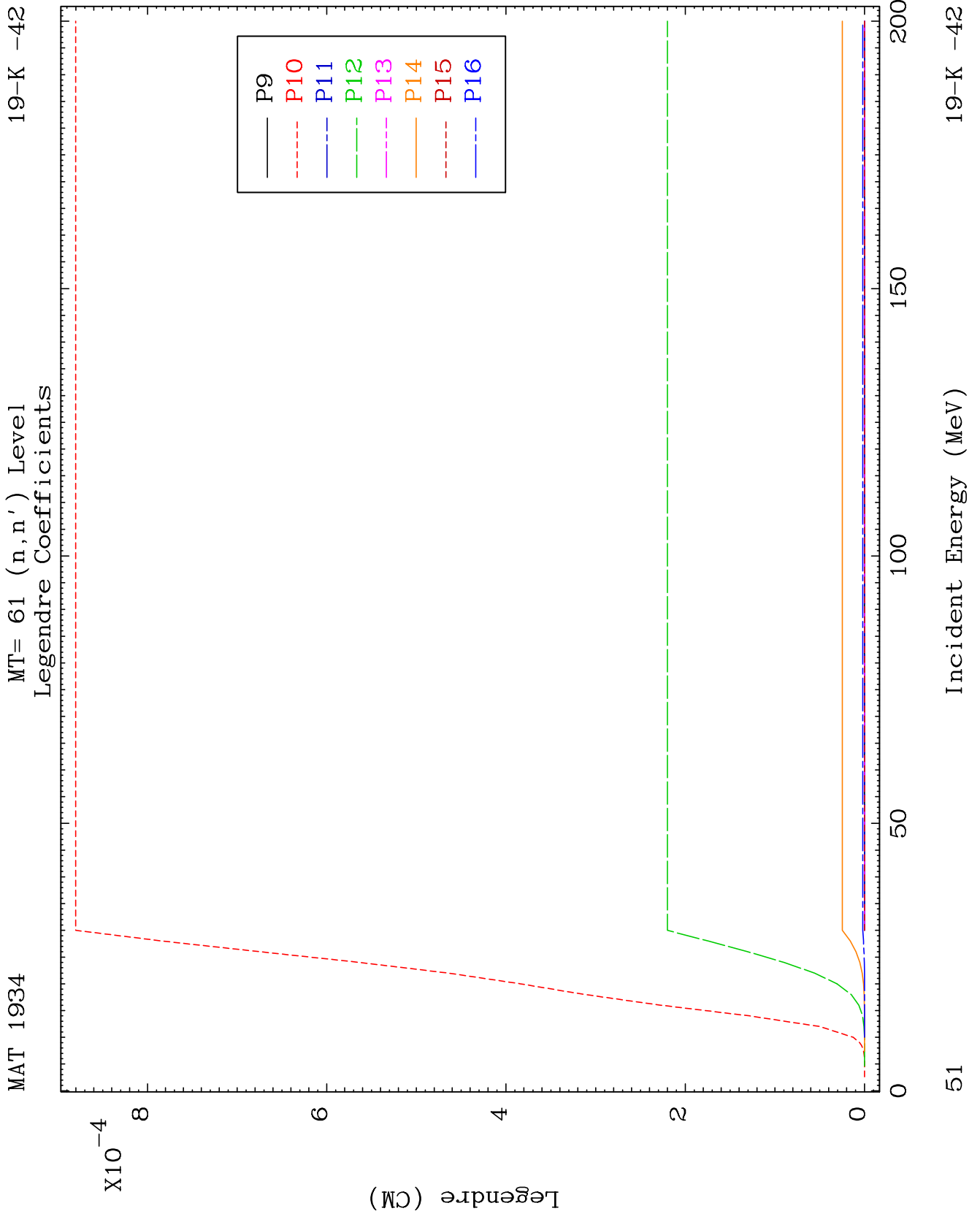


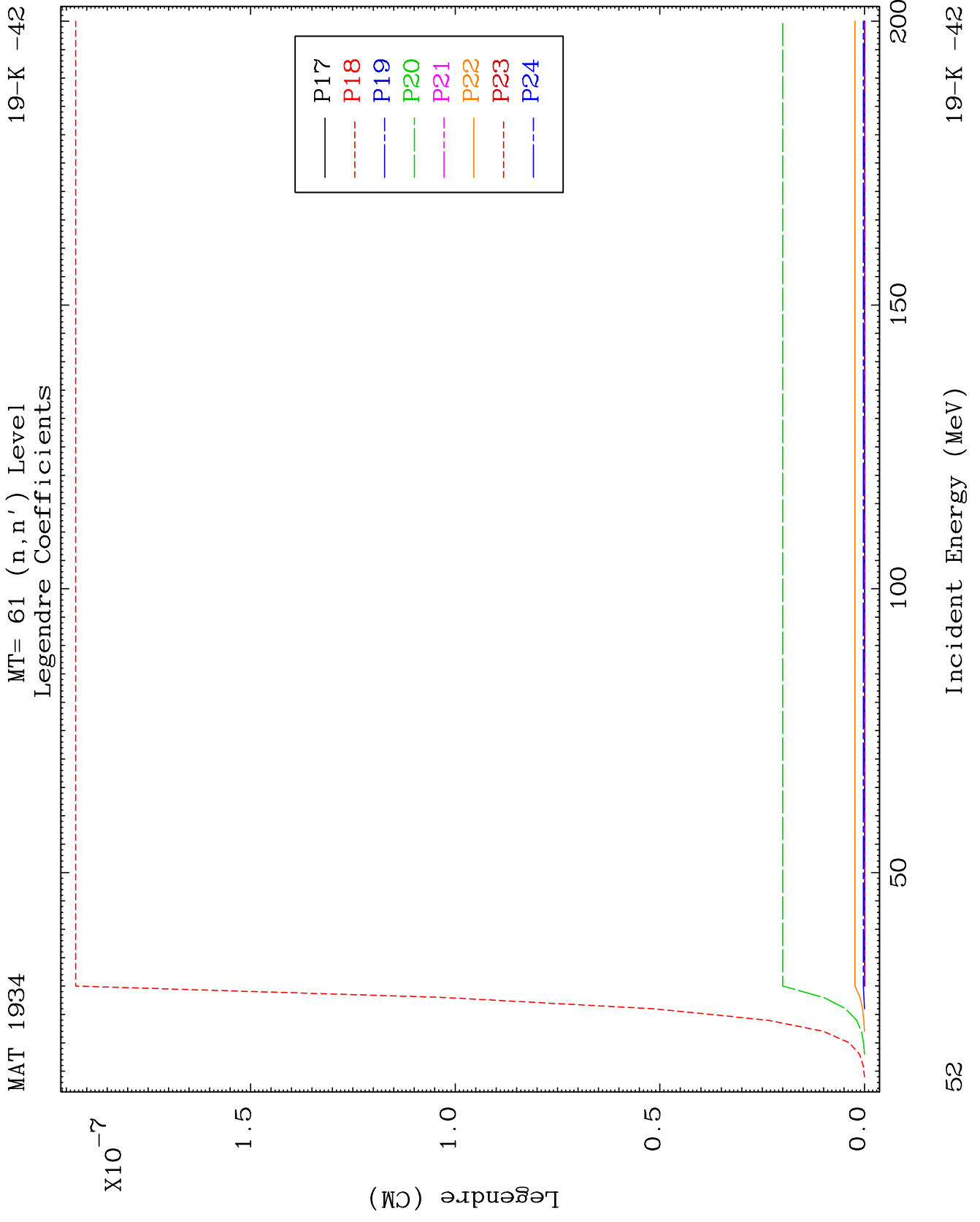
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Incident Energy (MeV)

19-K -42



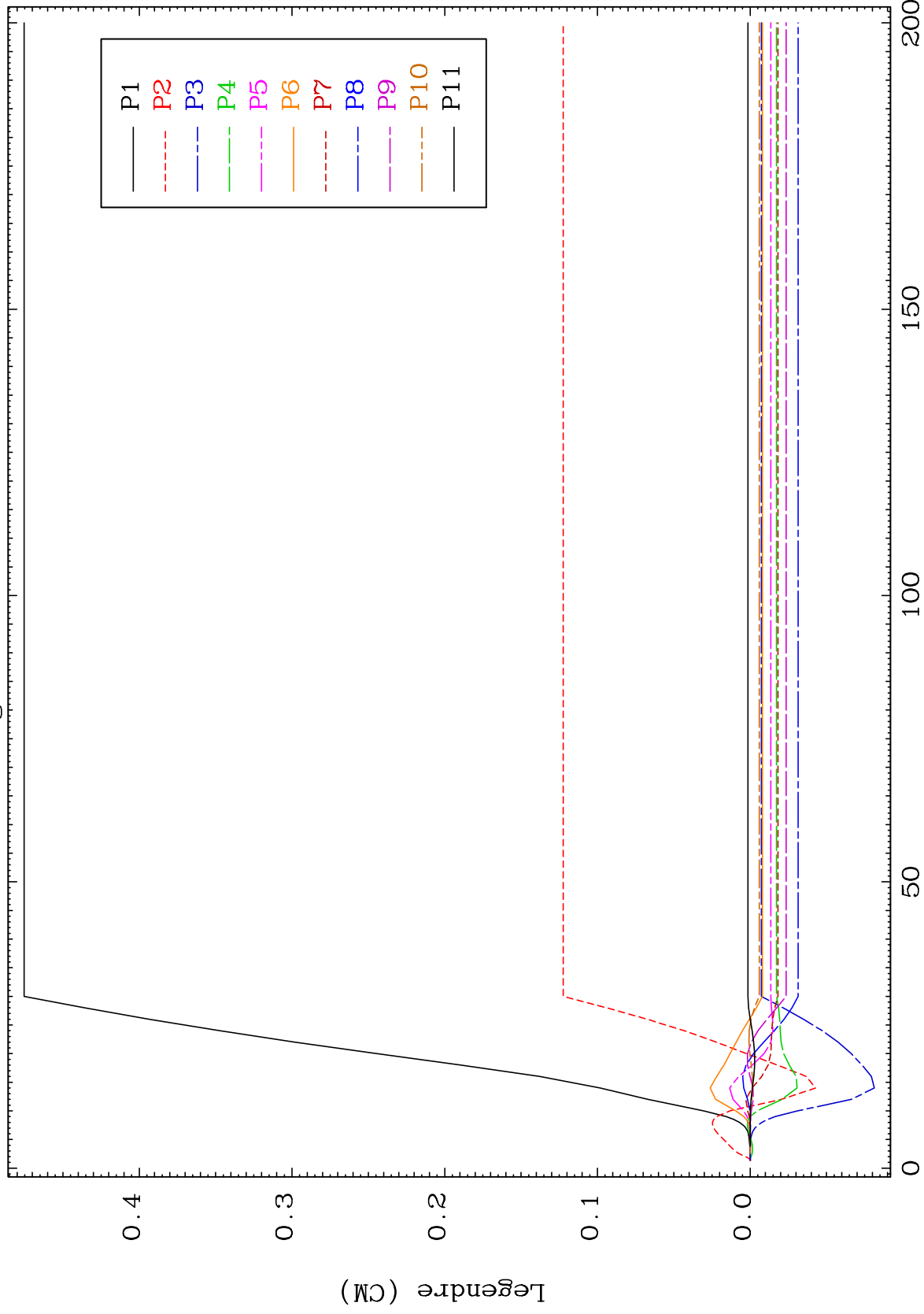




MAT 1934

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

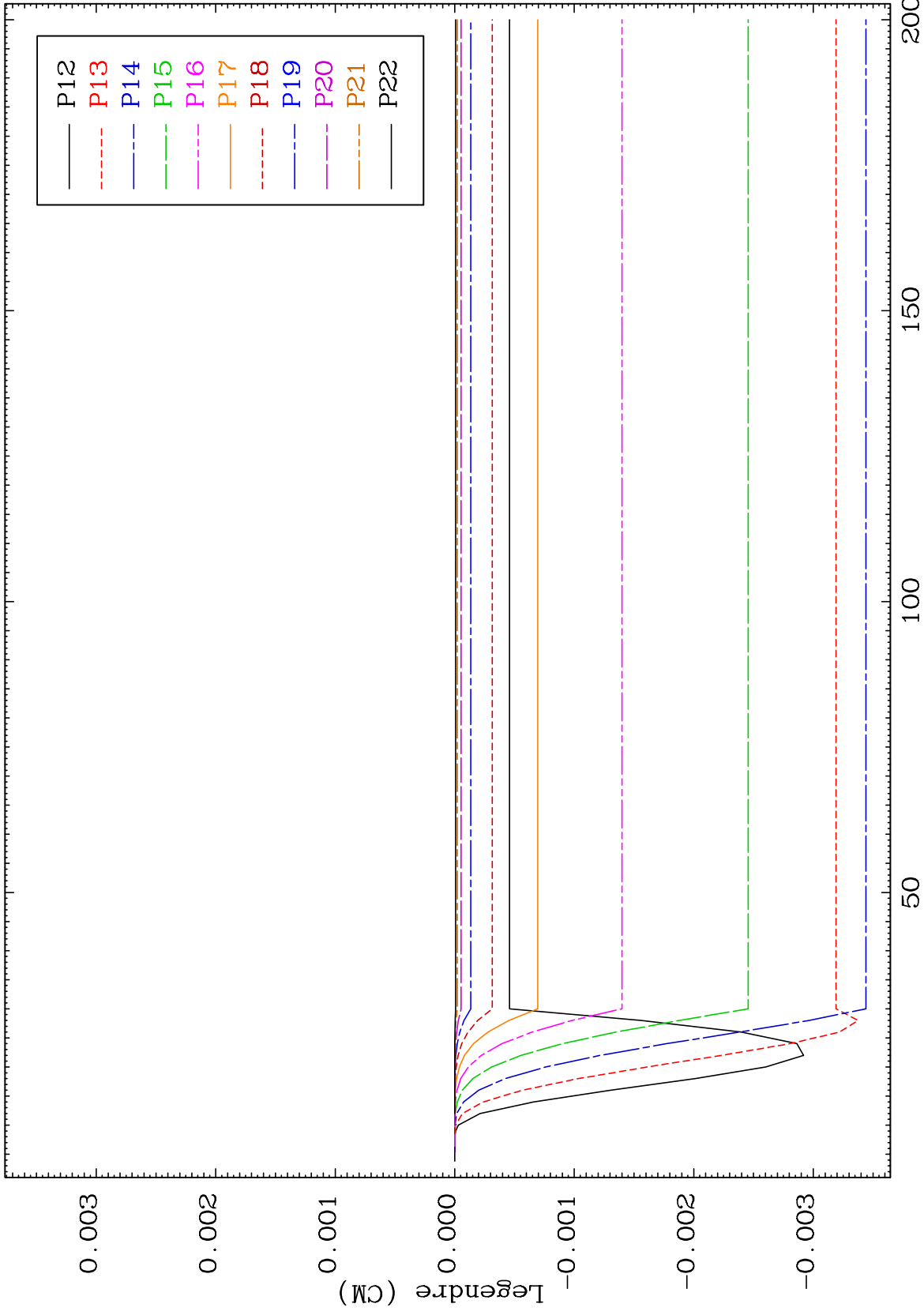
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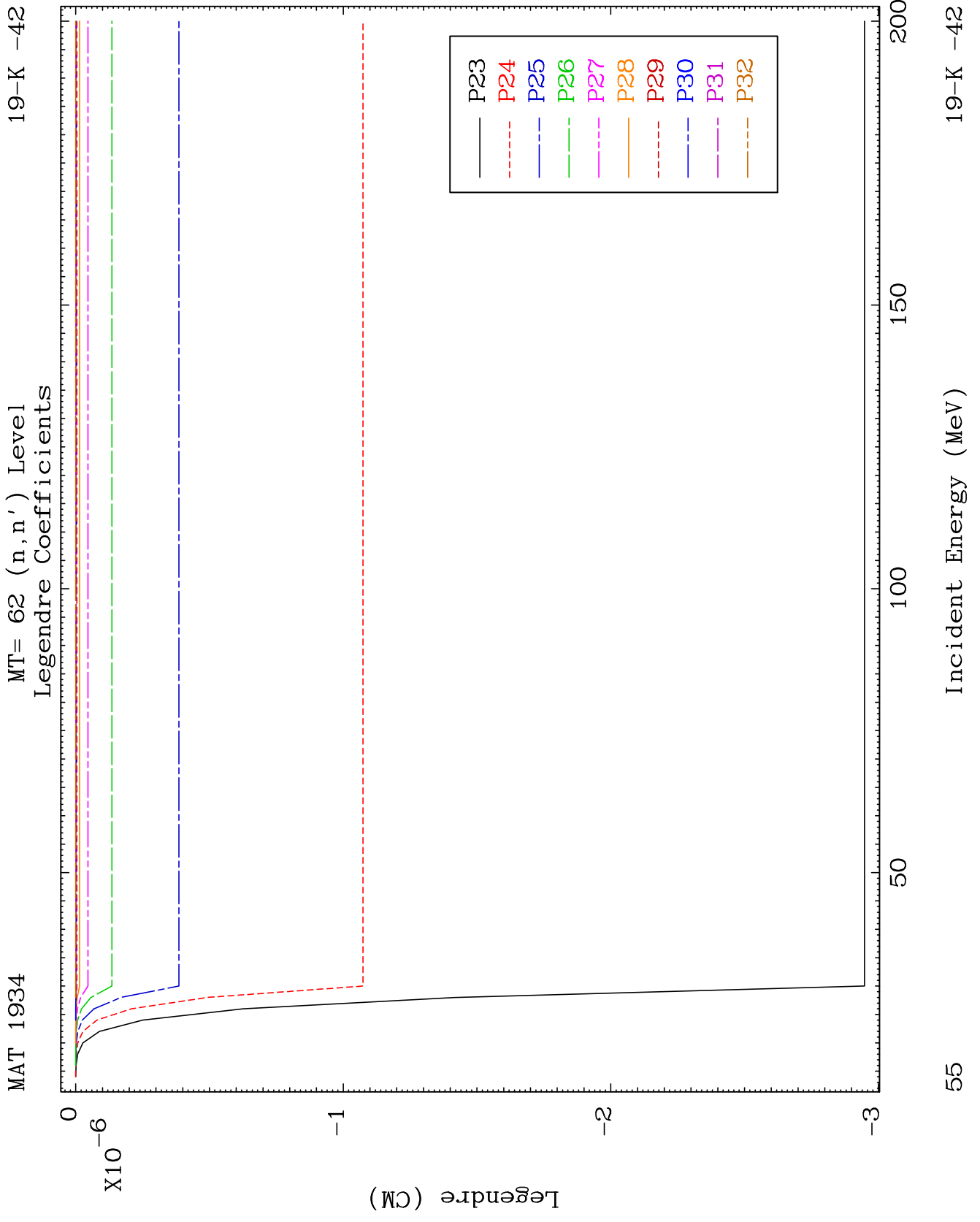


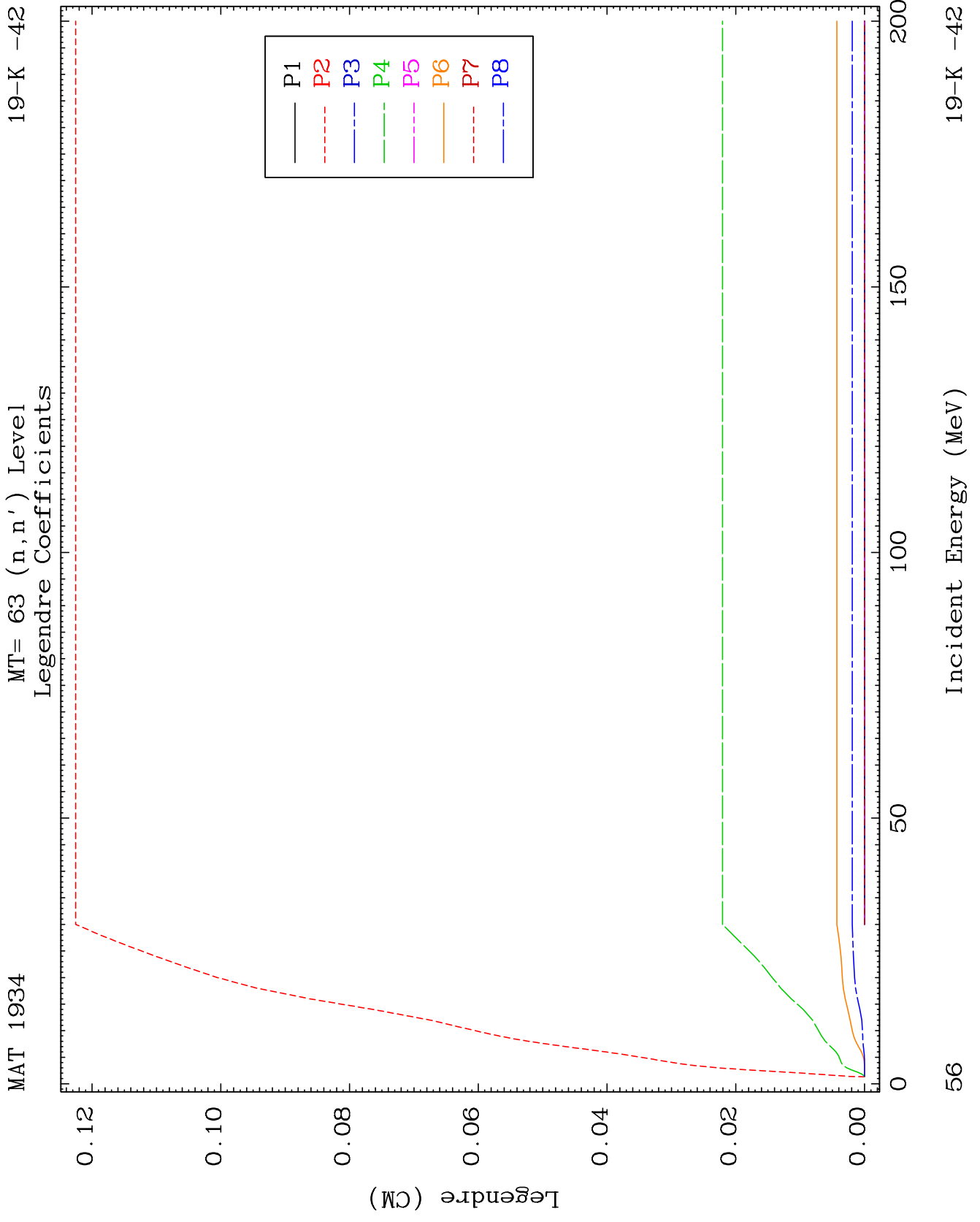
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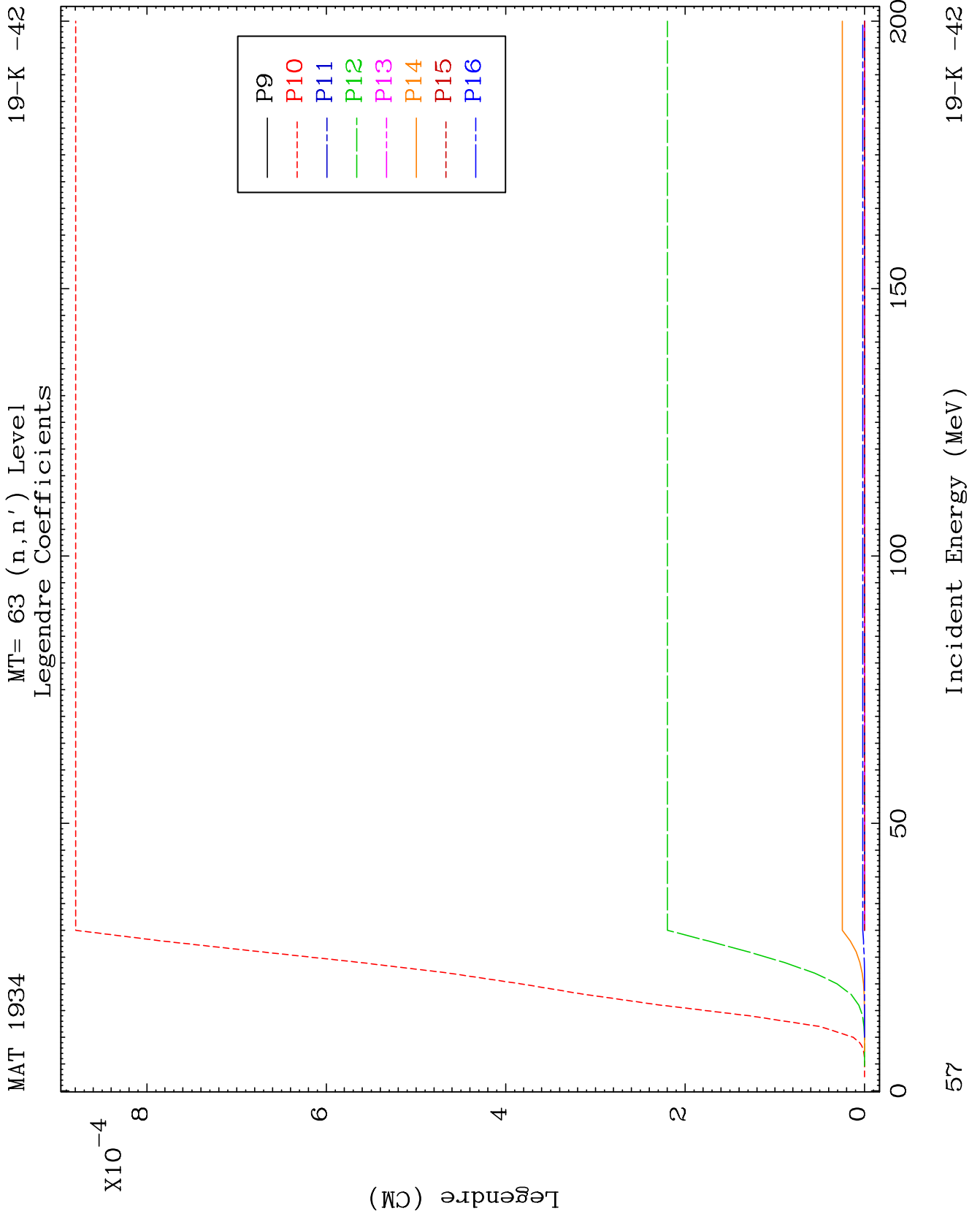
Incident Energy (MeV)

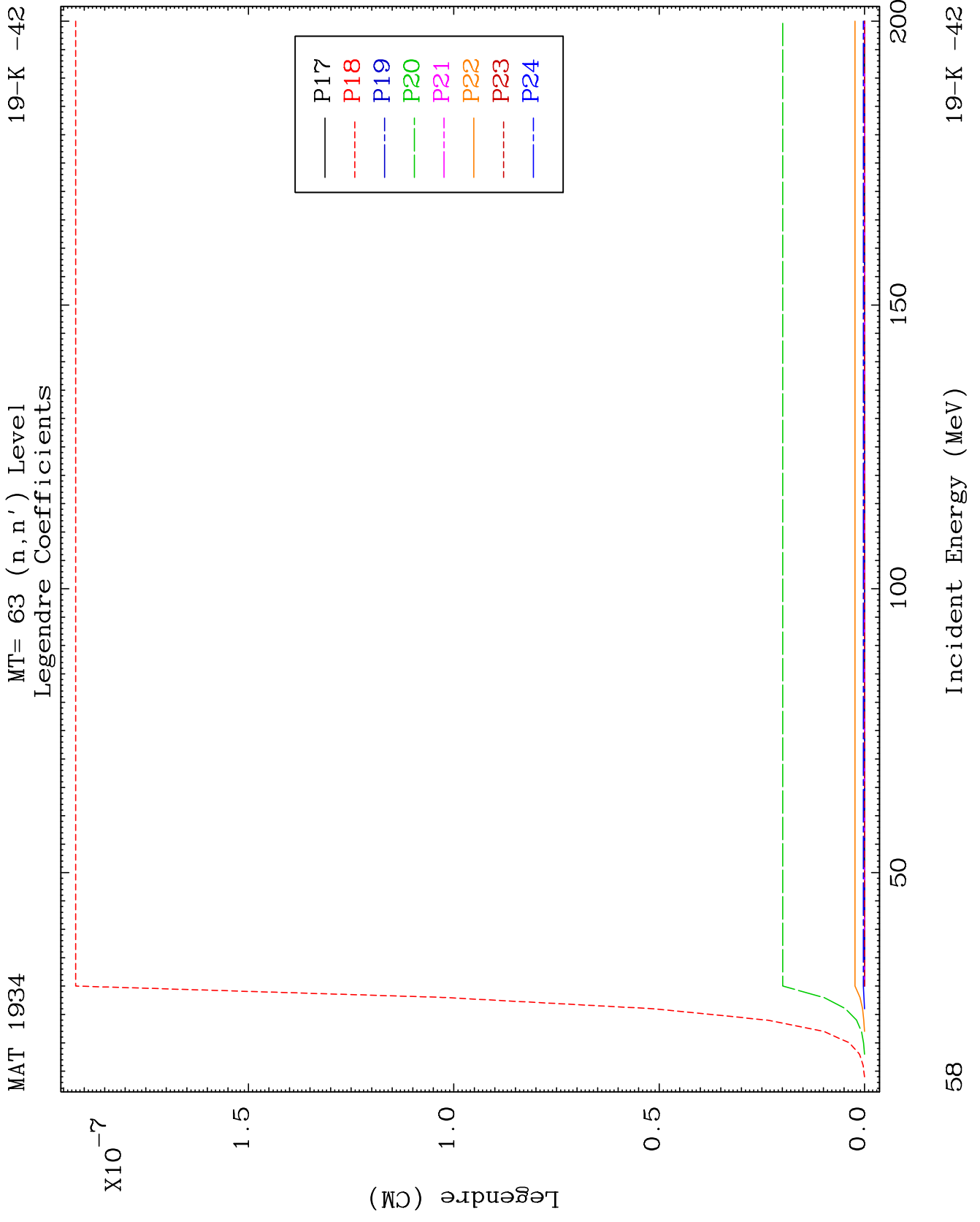
19-K -42







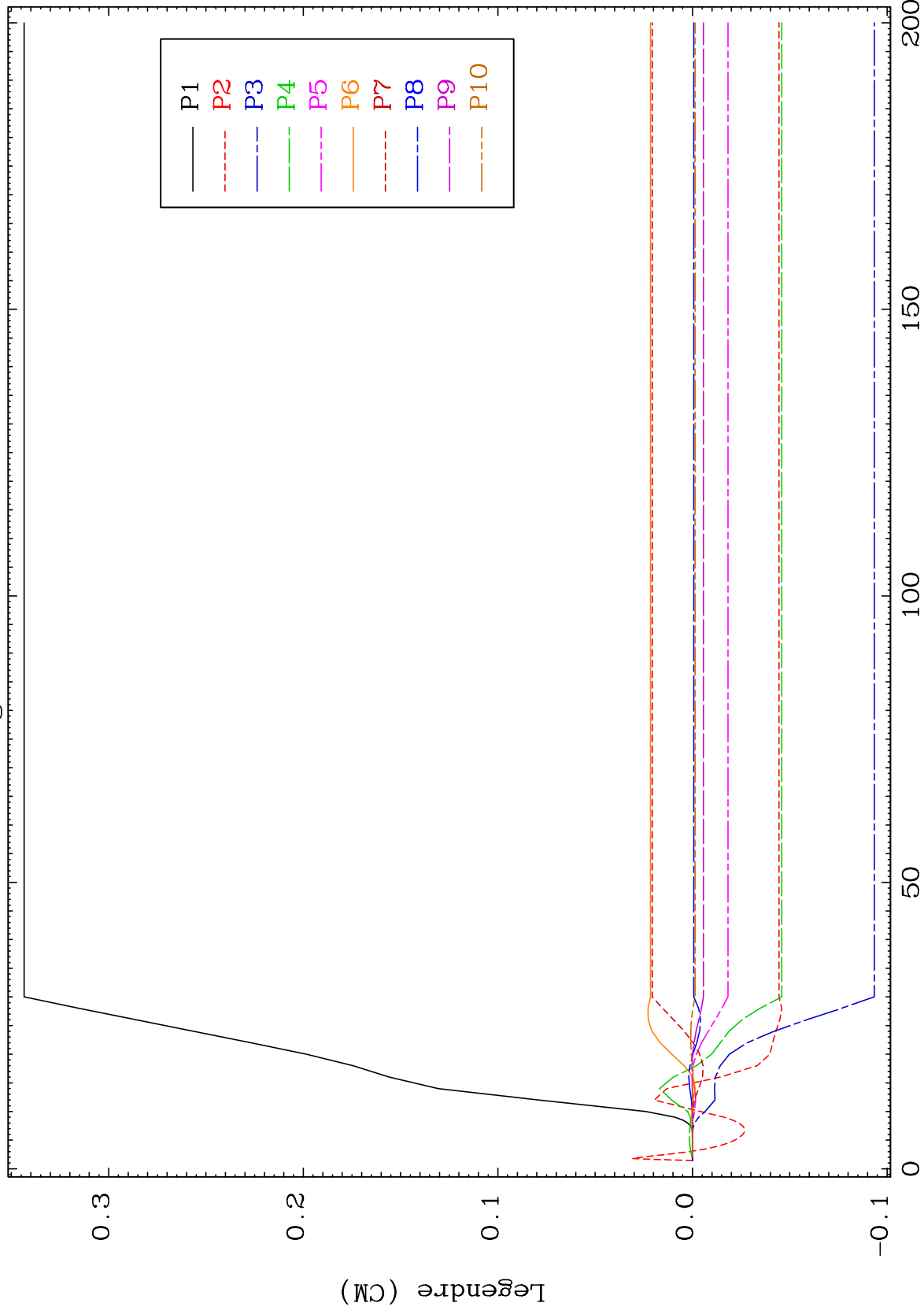




MAT 1934

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

19-K -42



59

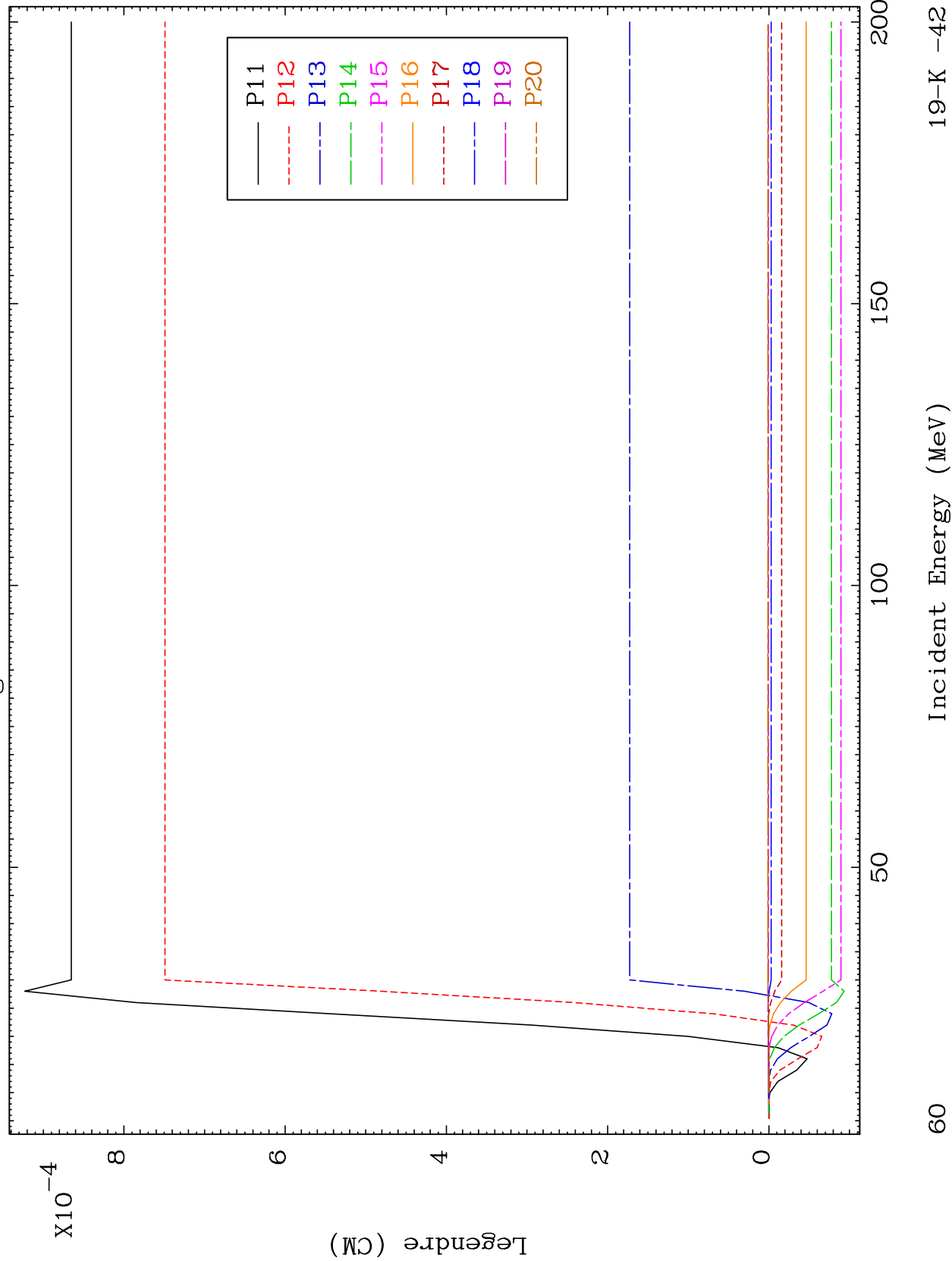
Incident Energy (MeV)

19-K -42

MAT 1934

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

19-K -42



60

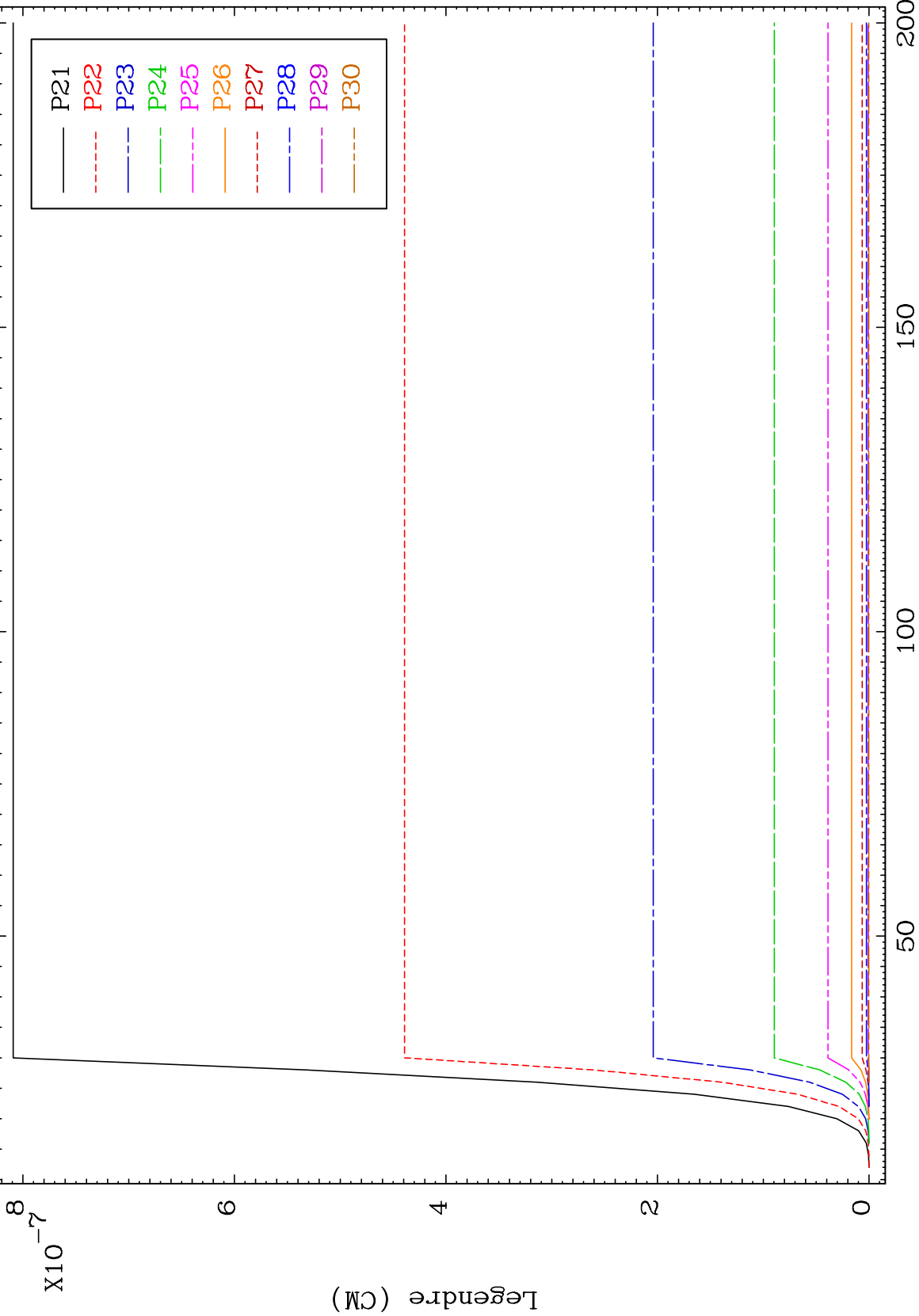
Incident Energy (MeV)

19-K -42

MAT 1934

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

19-K -42



61

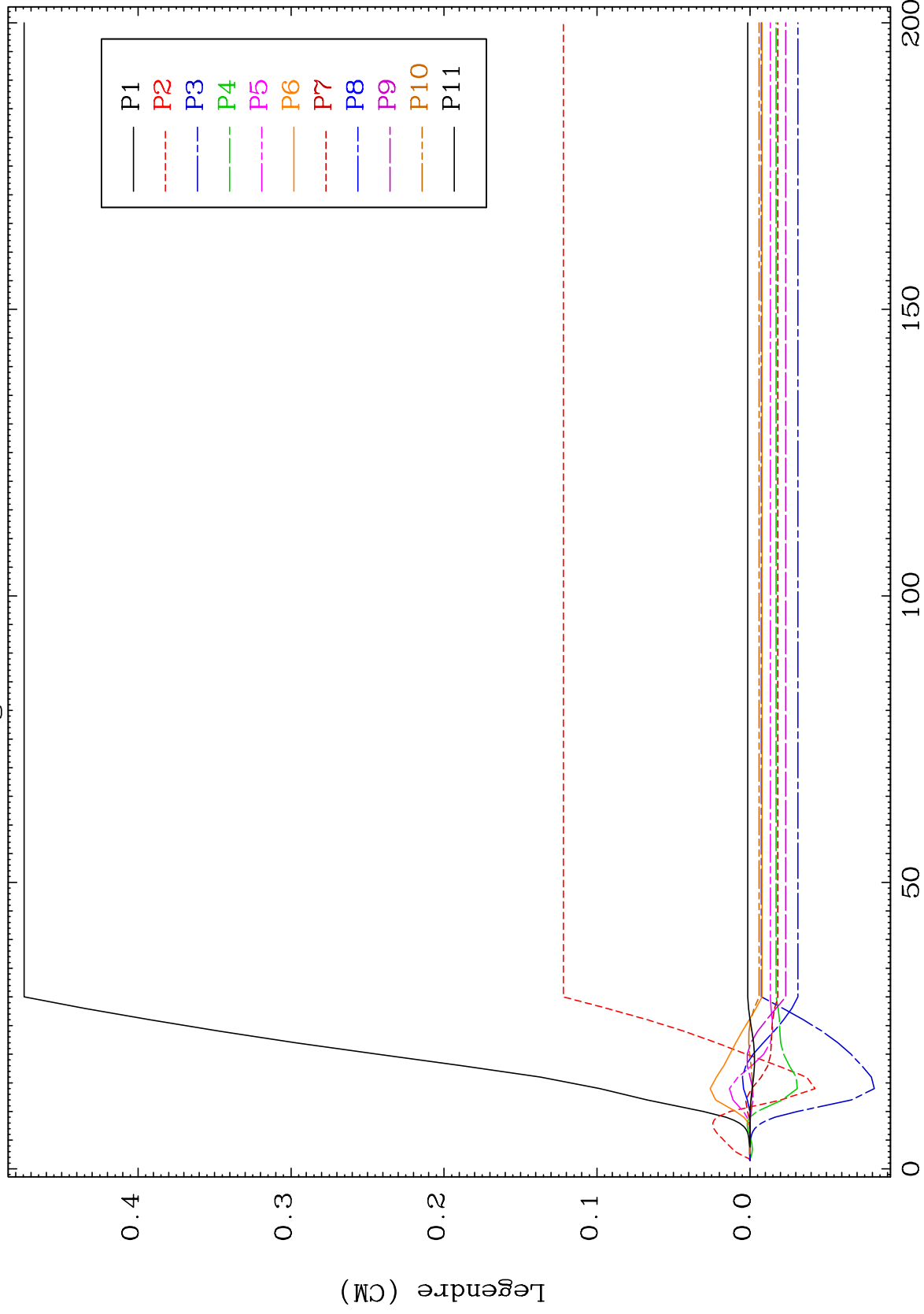
Incident Energy (MeV)

19-K -42

MAT 1934

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

19-K -42



19-K -42

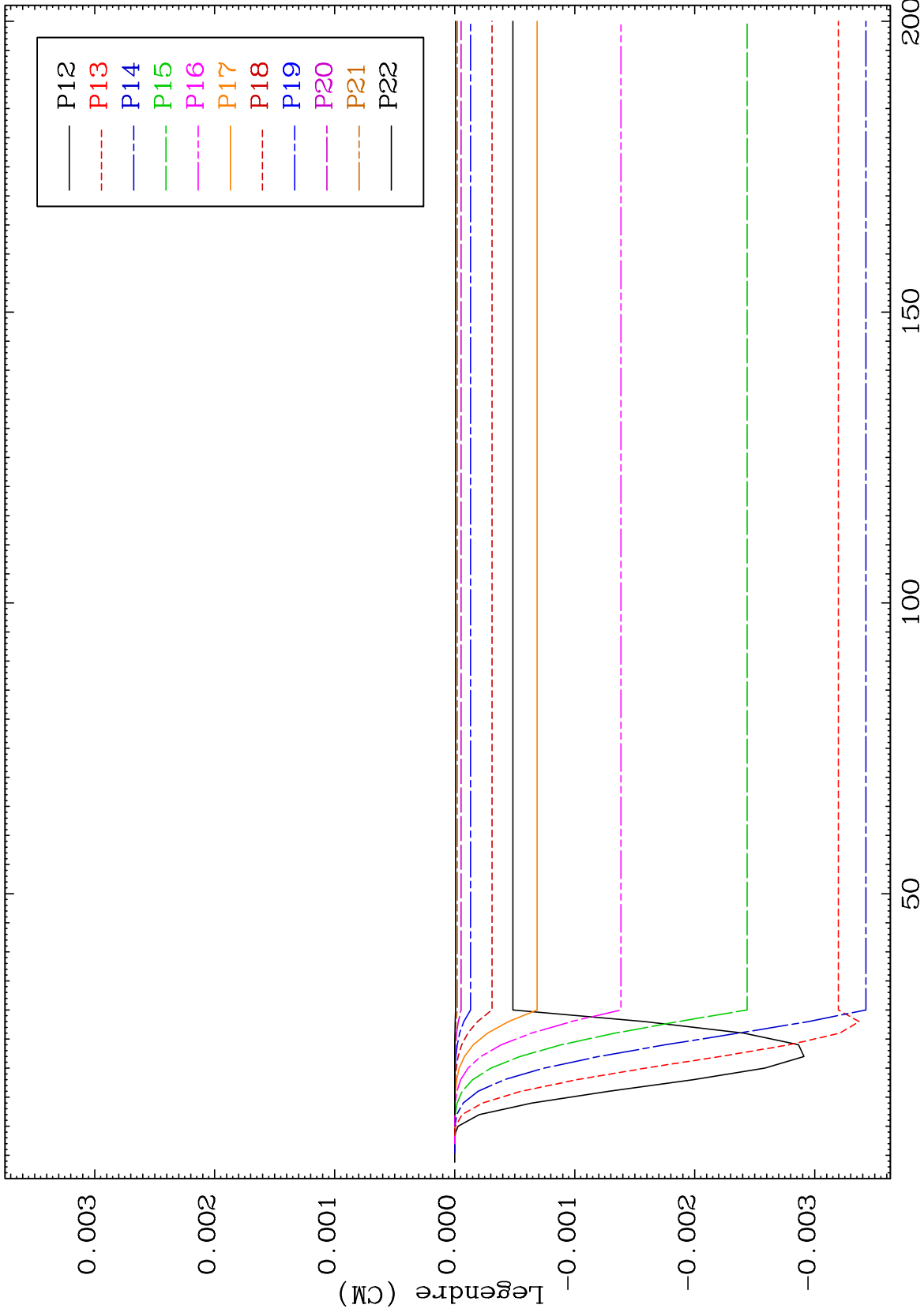
Incident Energy (MeV)

62

MAT 1934

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

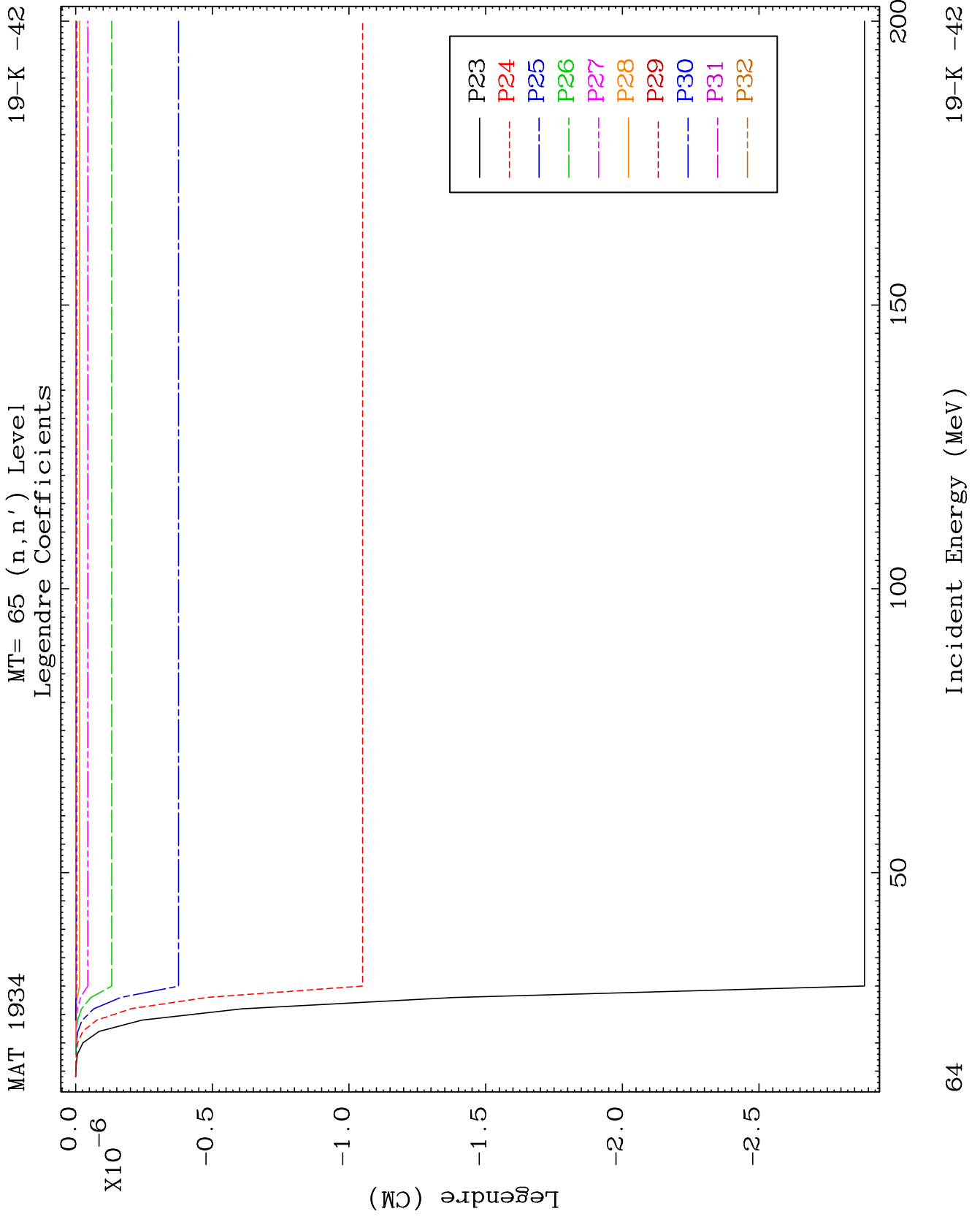
19-K -42



63

Incident Energy (MeV)

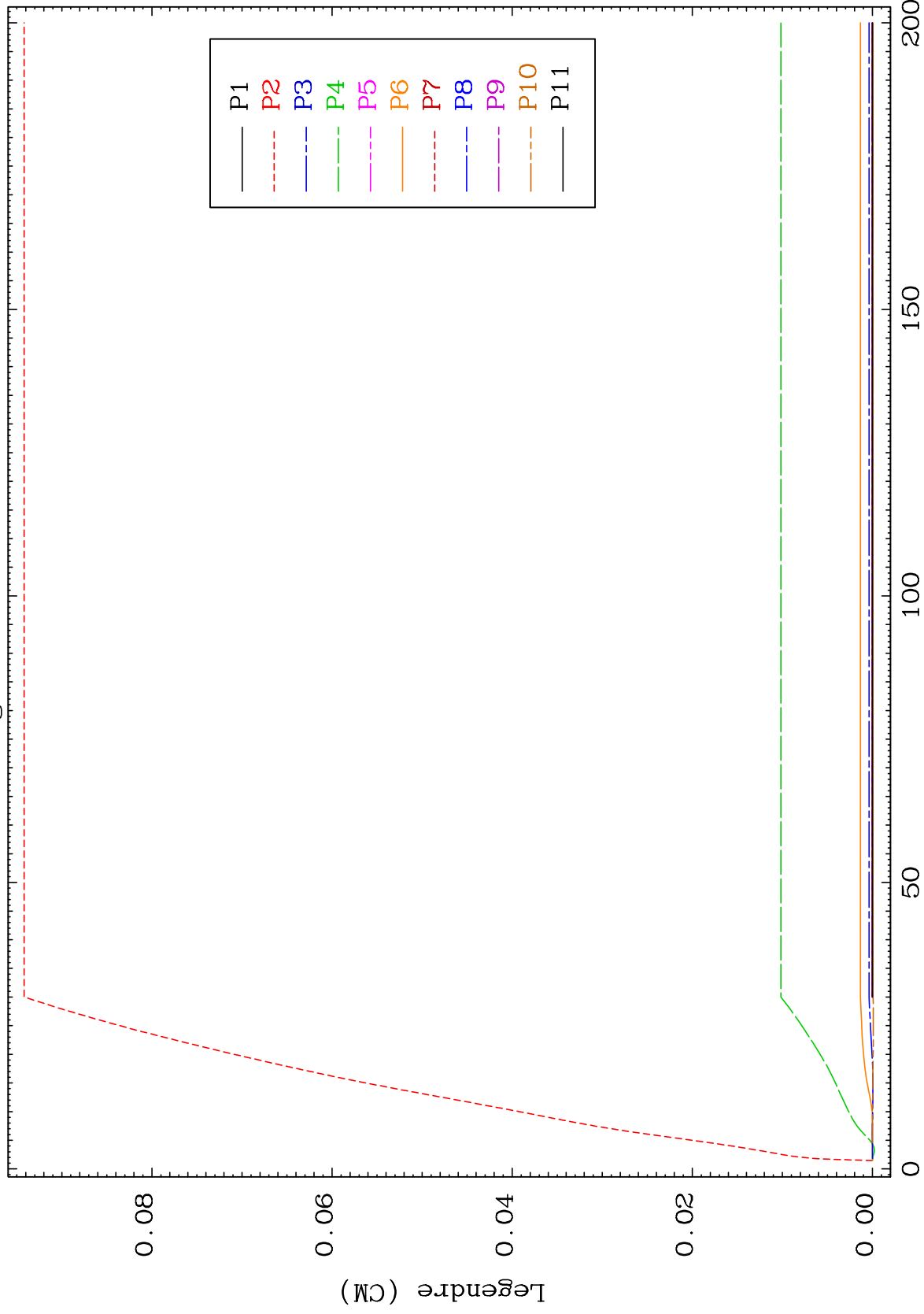
19-K -42



MAT 1934

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

19-K -42



19-K -42

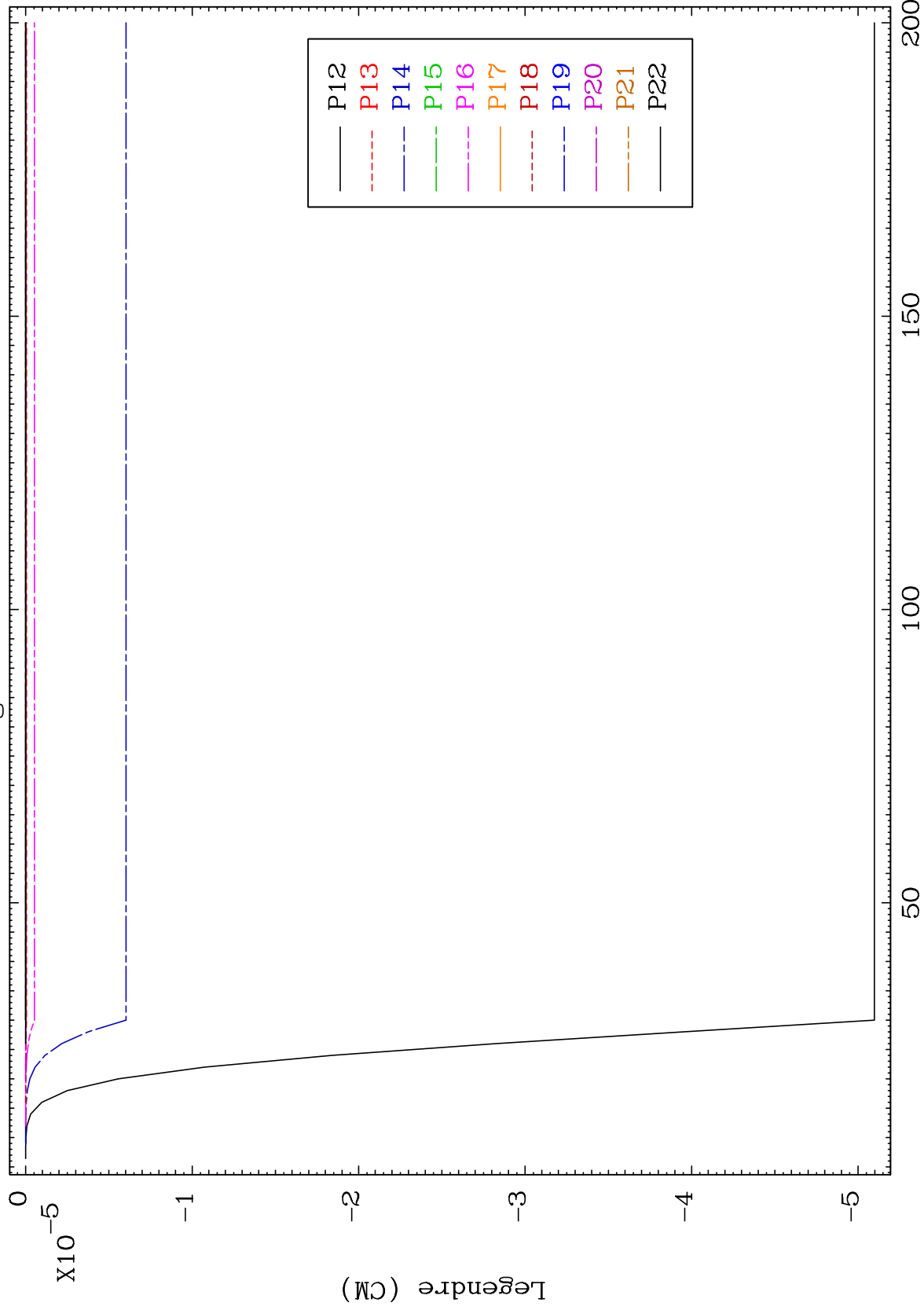
Incident Energy (MeV)

65

MAT 1934

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

19-K -42



66

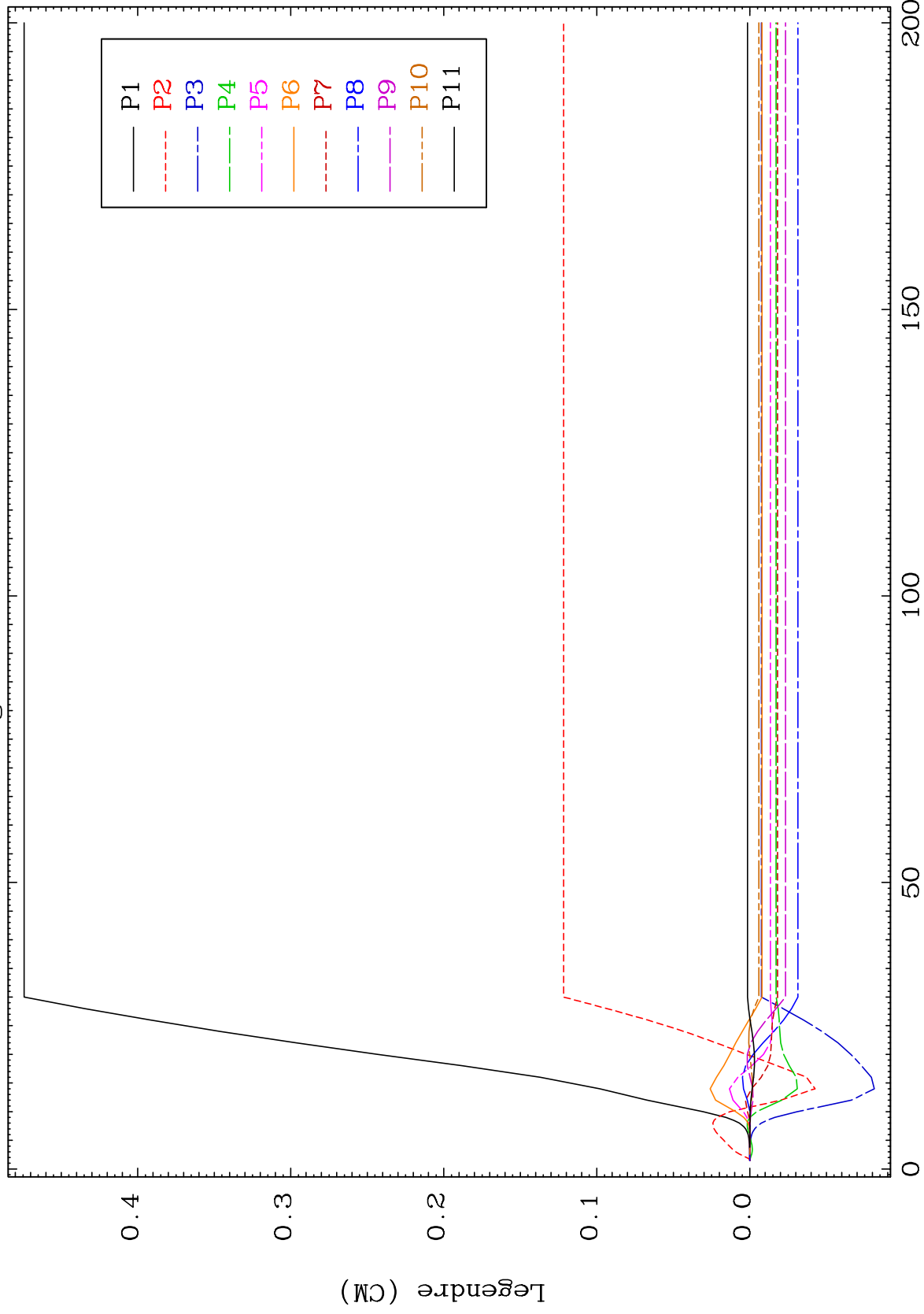
Incident Energy (MeV)

19-K -42

MAT 1934

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

19-K -42



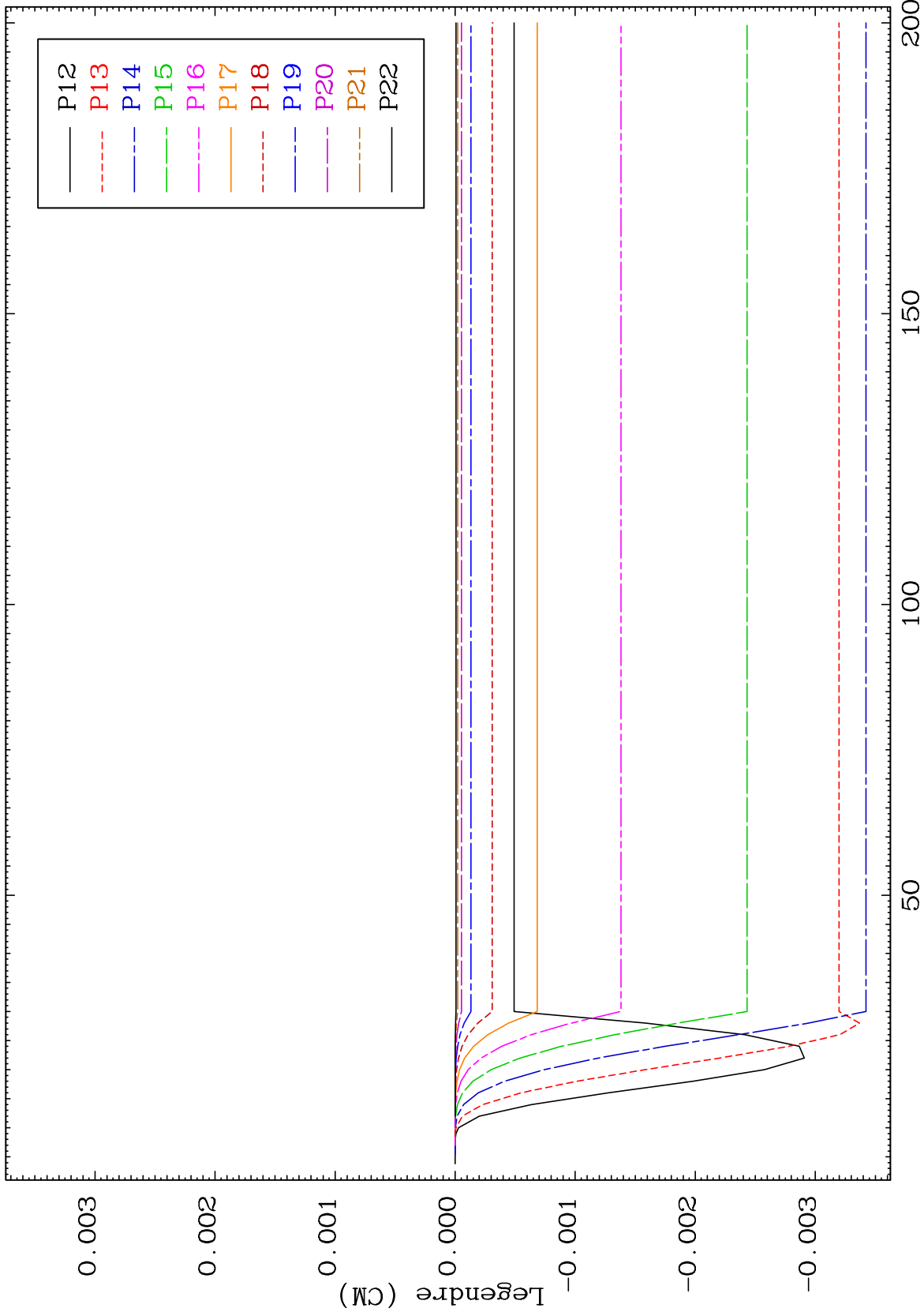
67

19-K -42

MAT 1934

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

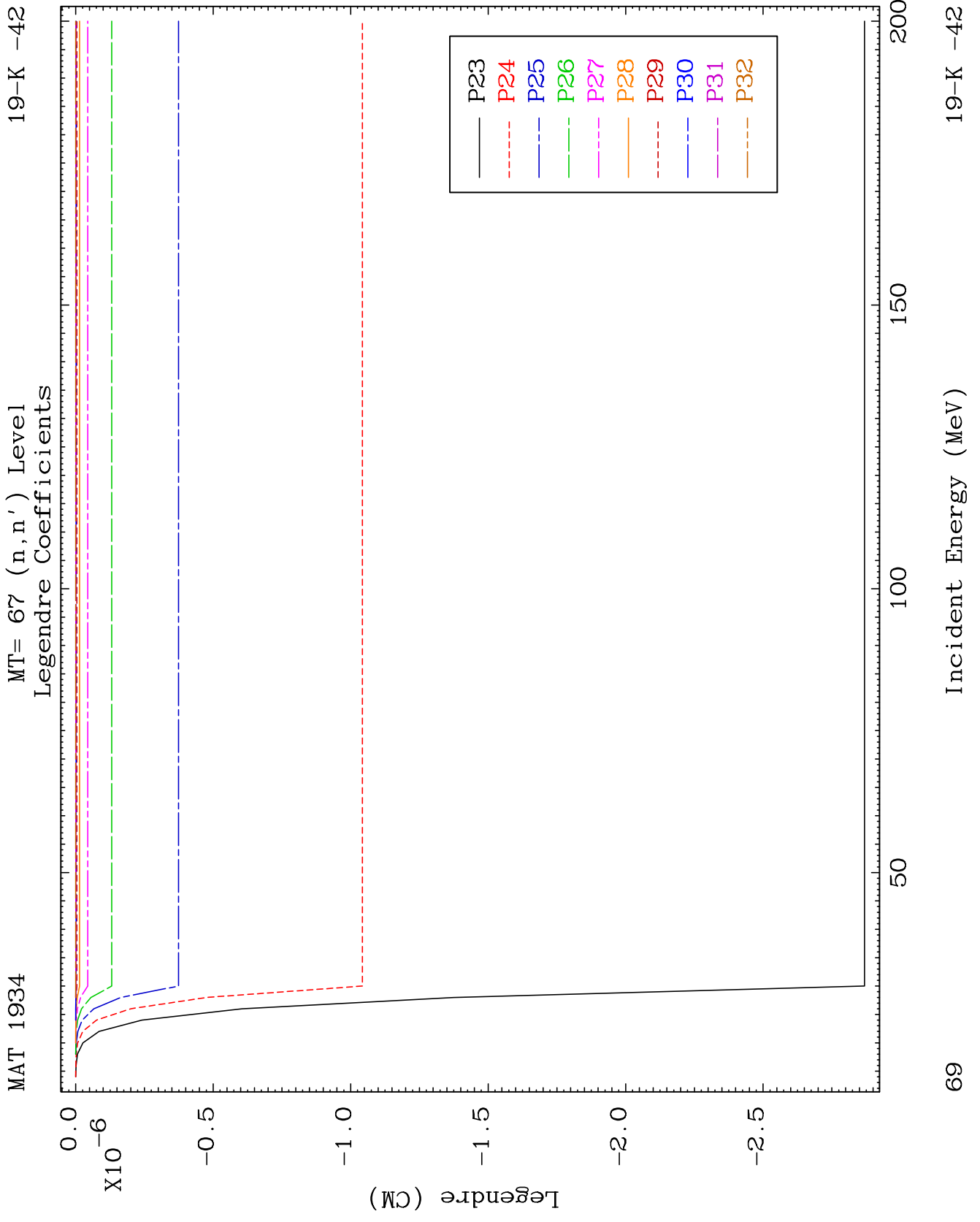
19-K -42



68

Incident Energy (MeV)

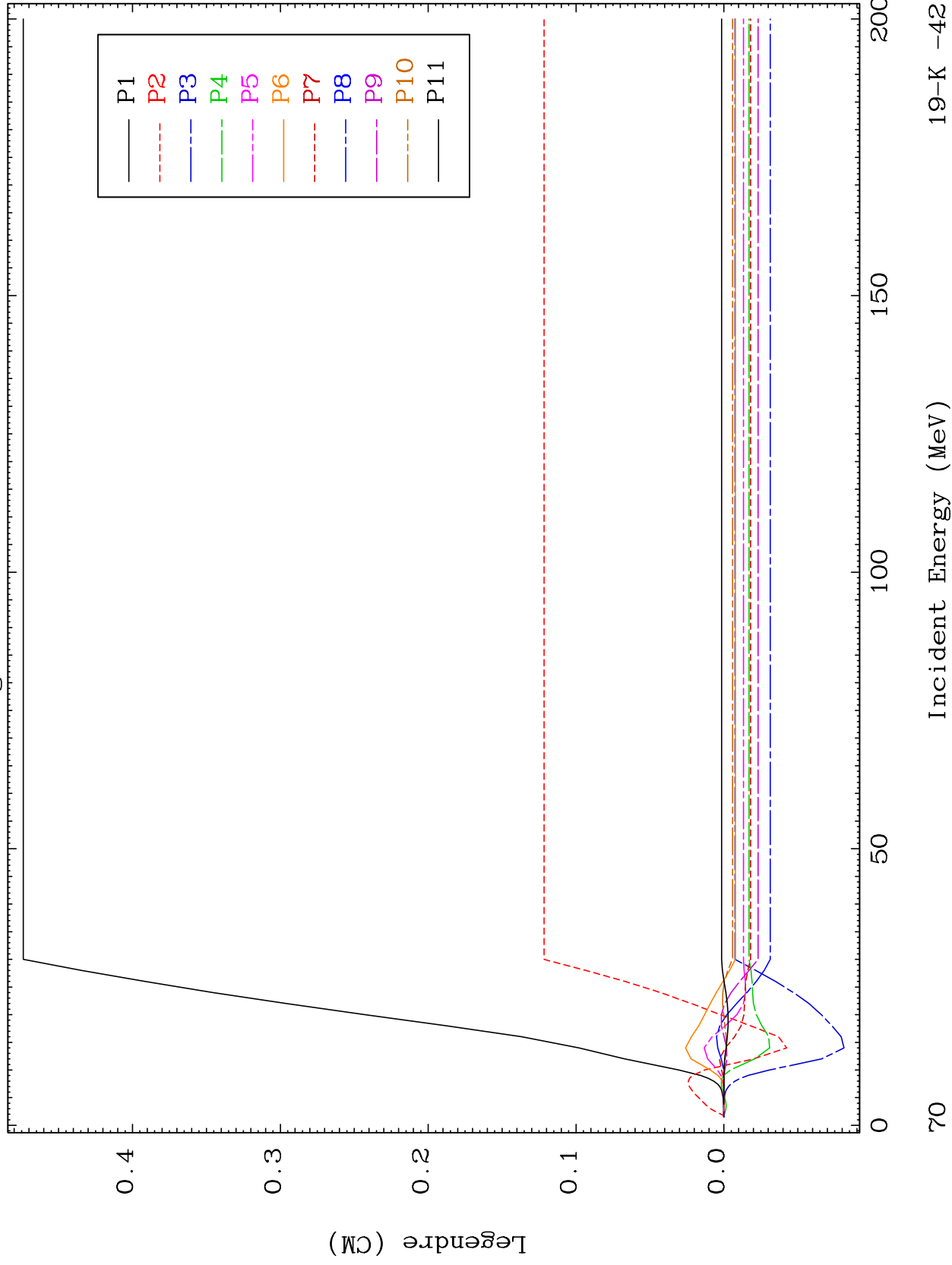
19-K -42



MAT 1934

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

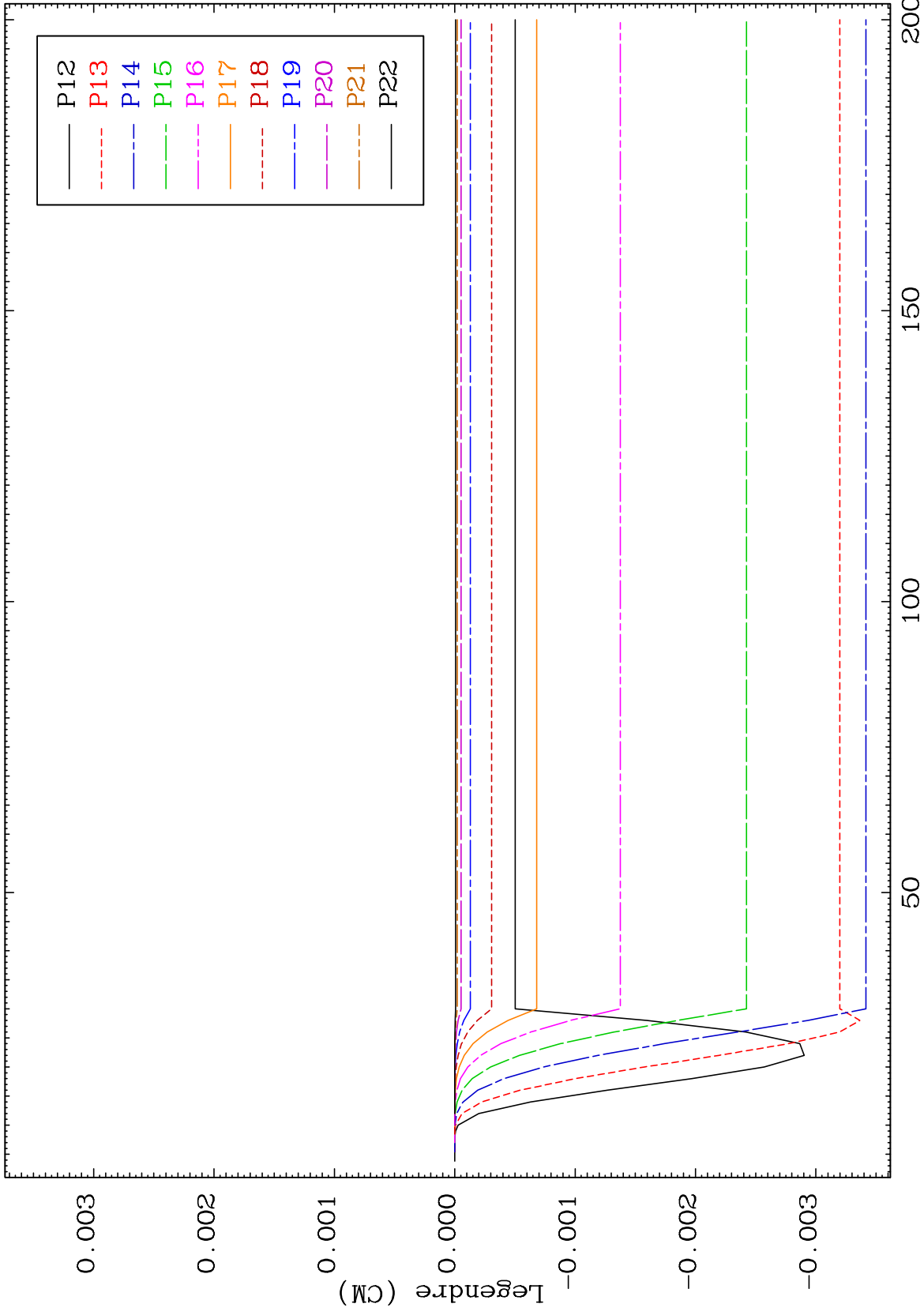
19-K -42



MAT 1934

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

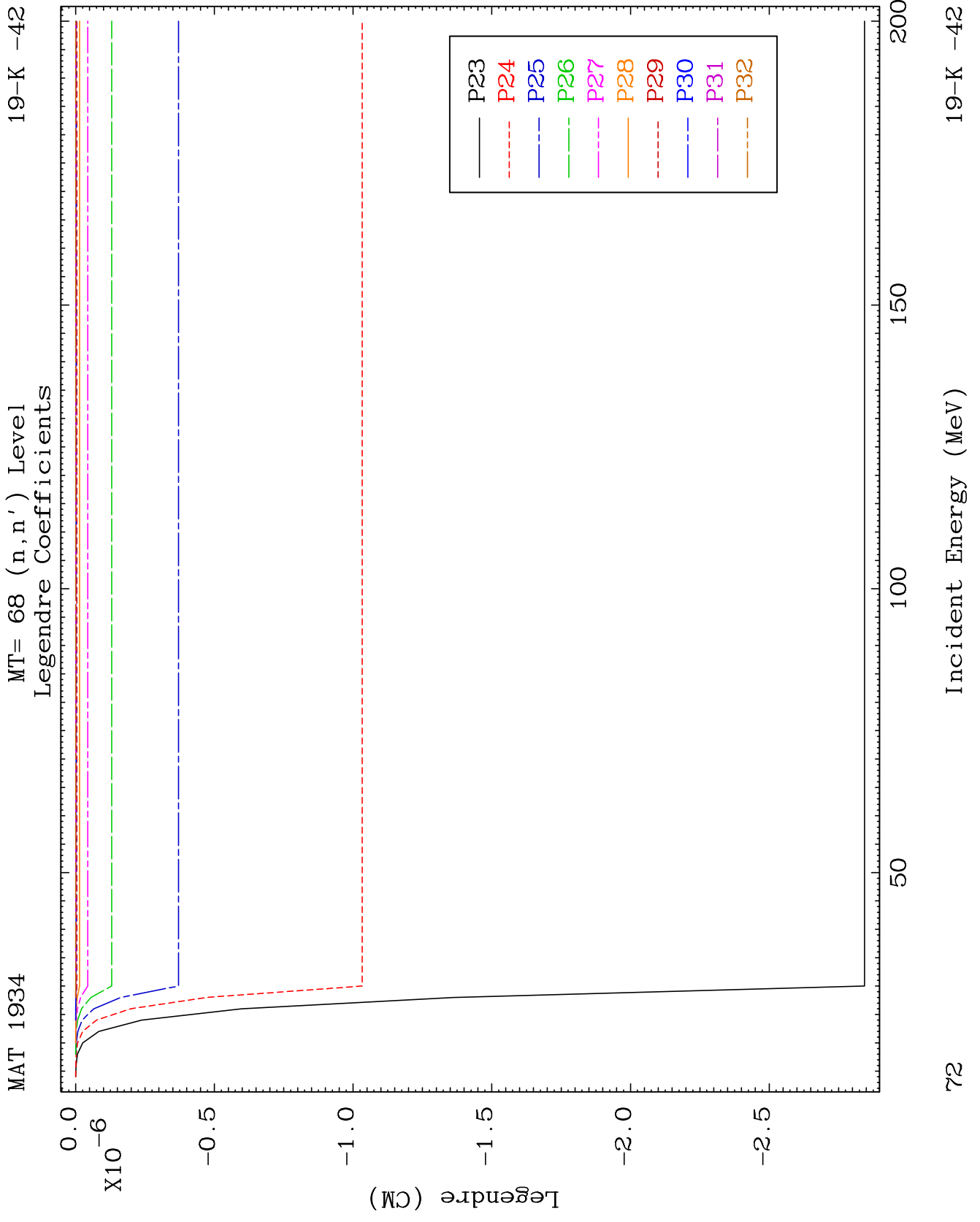
19-K -42



71

Incident Energy (MeV)

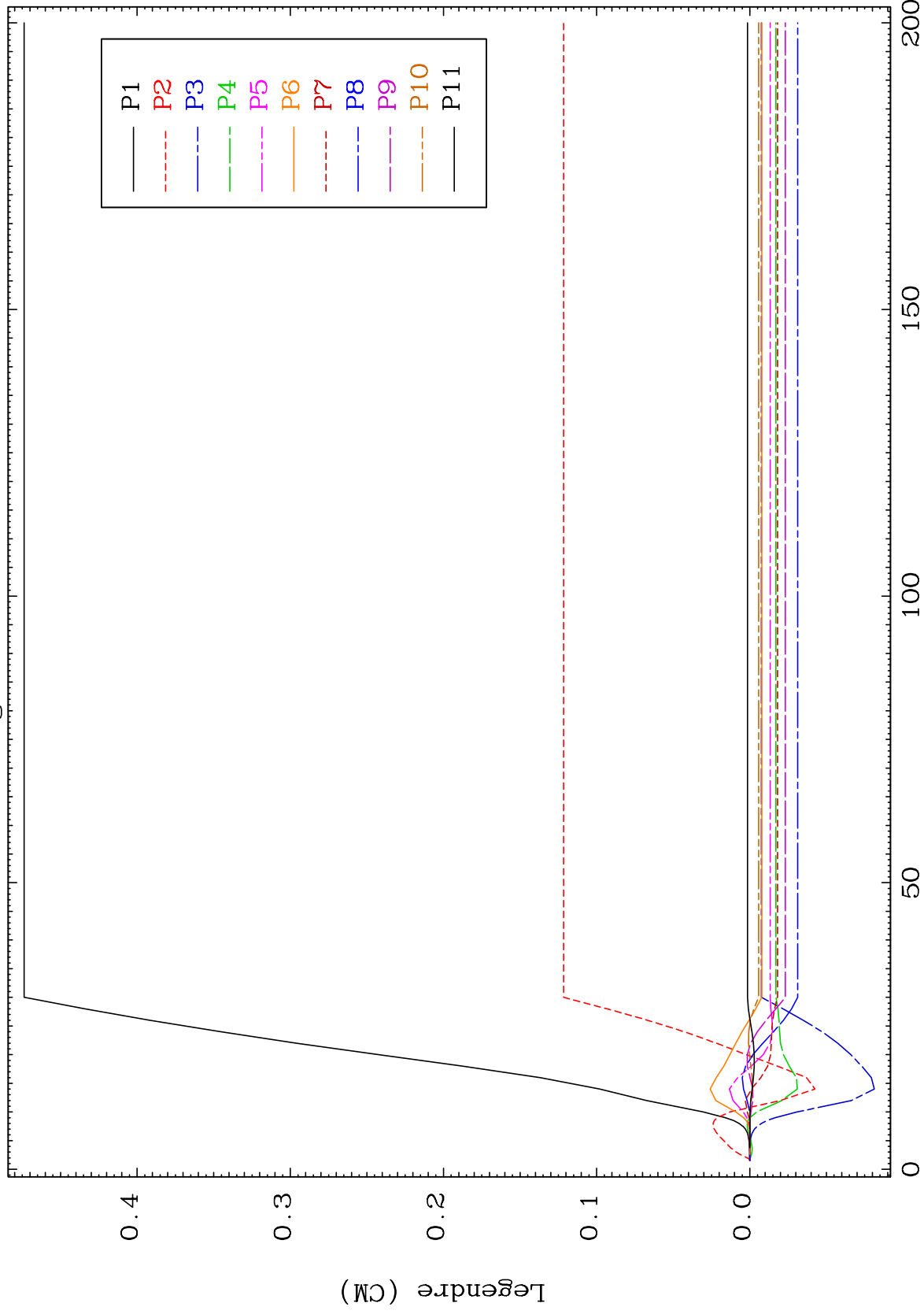
19-K -42



MAT 1934

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

19-K -42



73

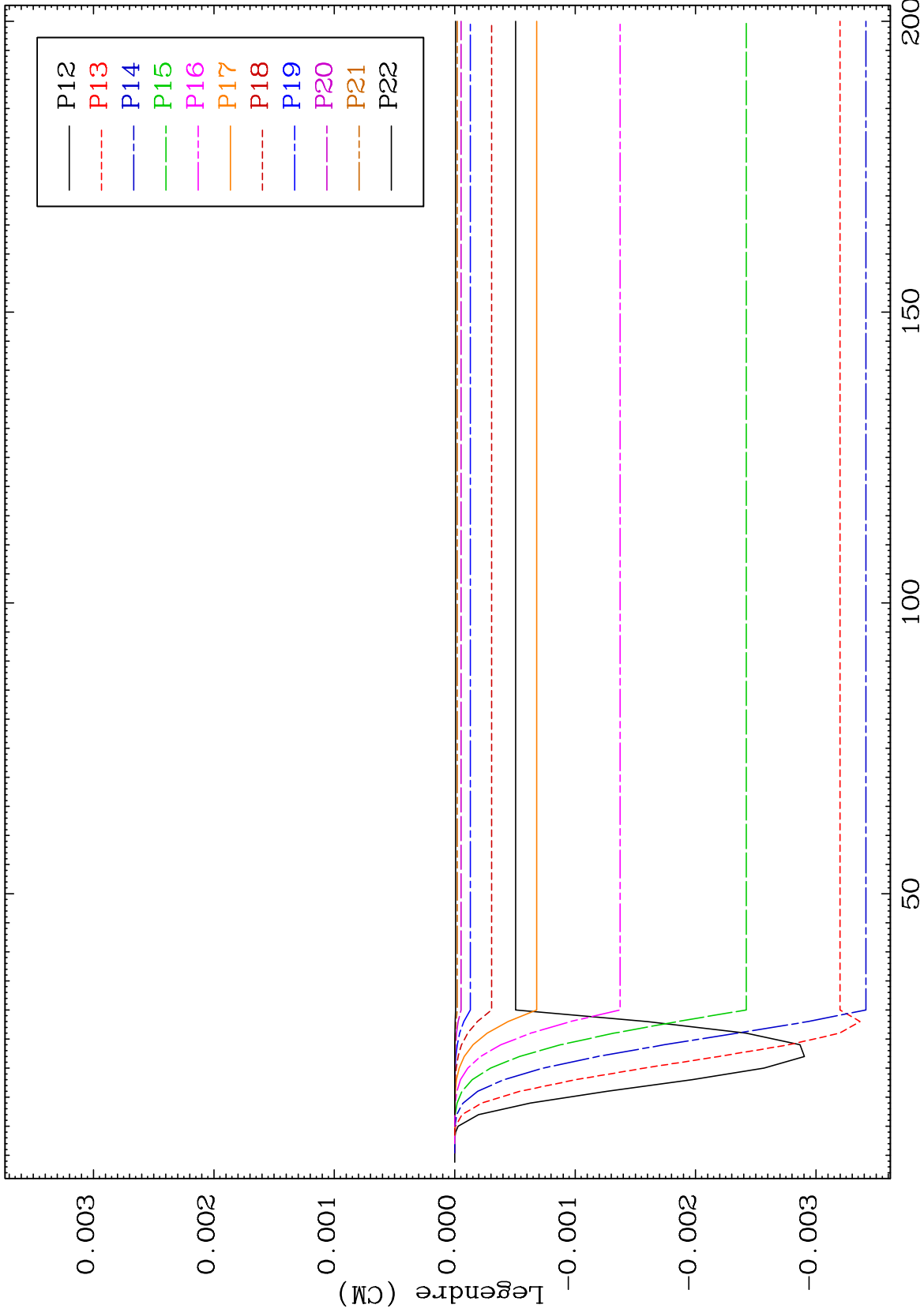
Incident Energy (MeV)

19-K -42

MAT 1934

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

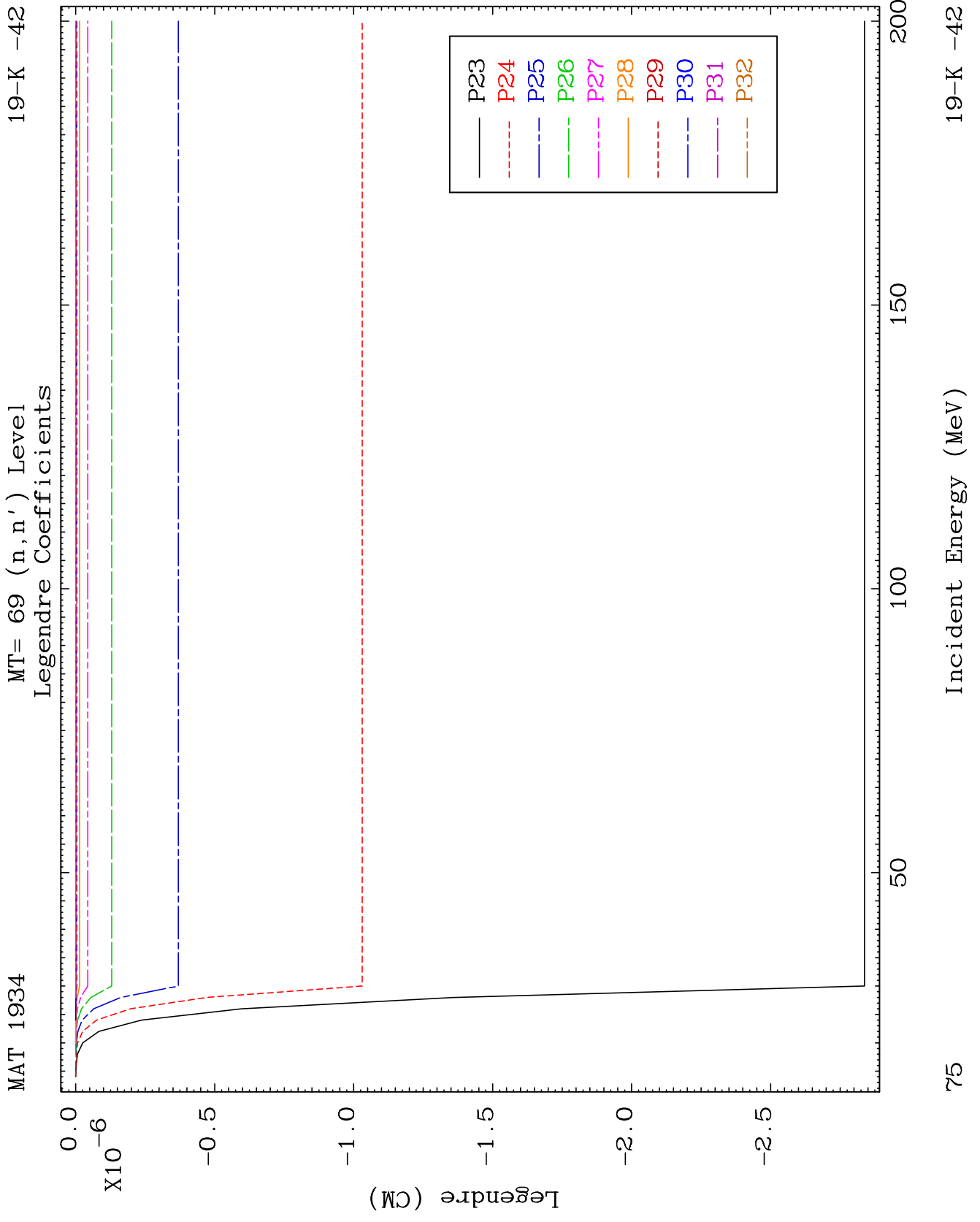
19-K -42



74

Incident Energy (MeV)

19-K -42

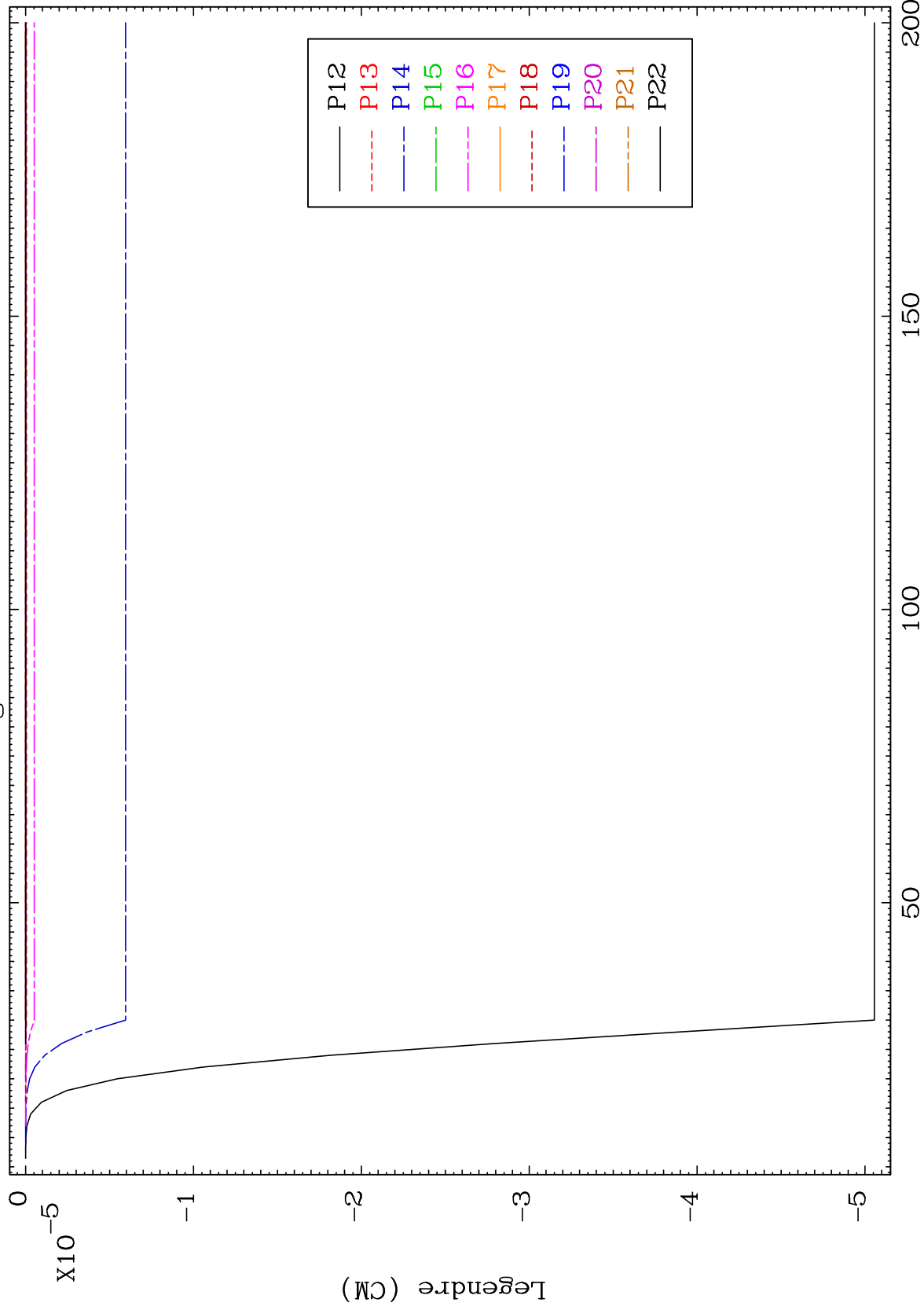




MAT 1934

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

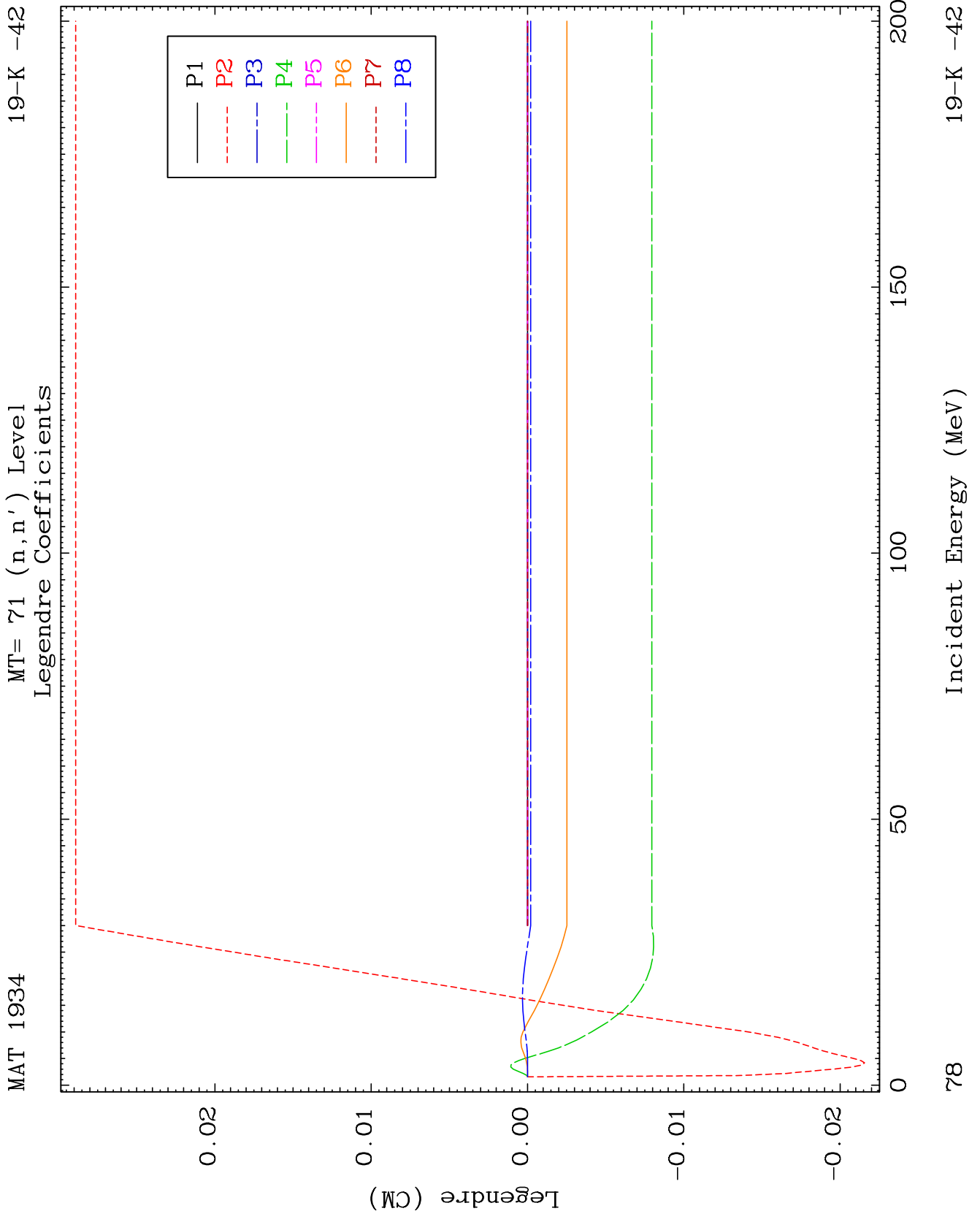
19-K -42



77

Incident Energy (MeV)

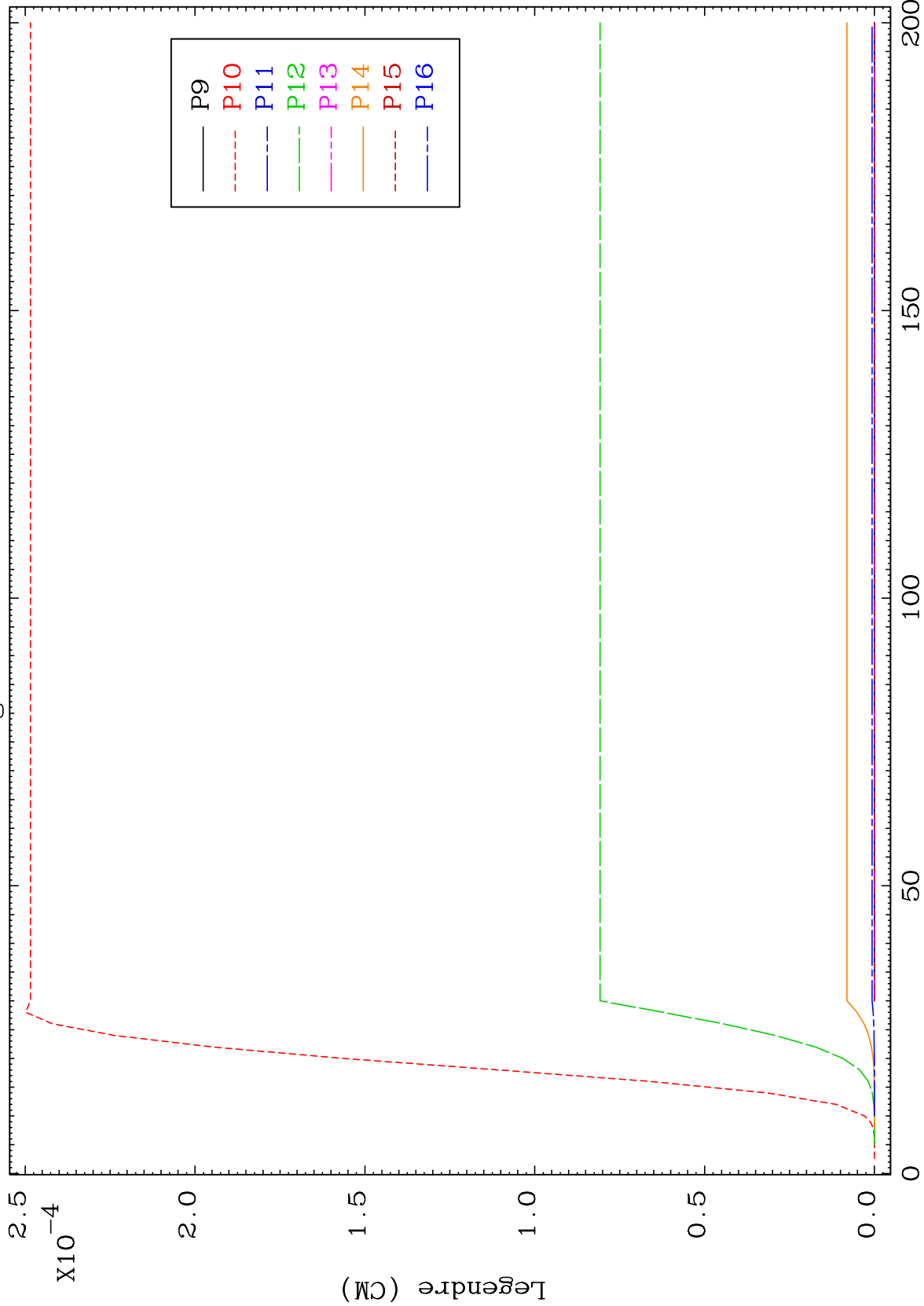
19-K -42



MAT 1934

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

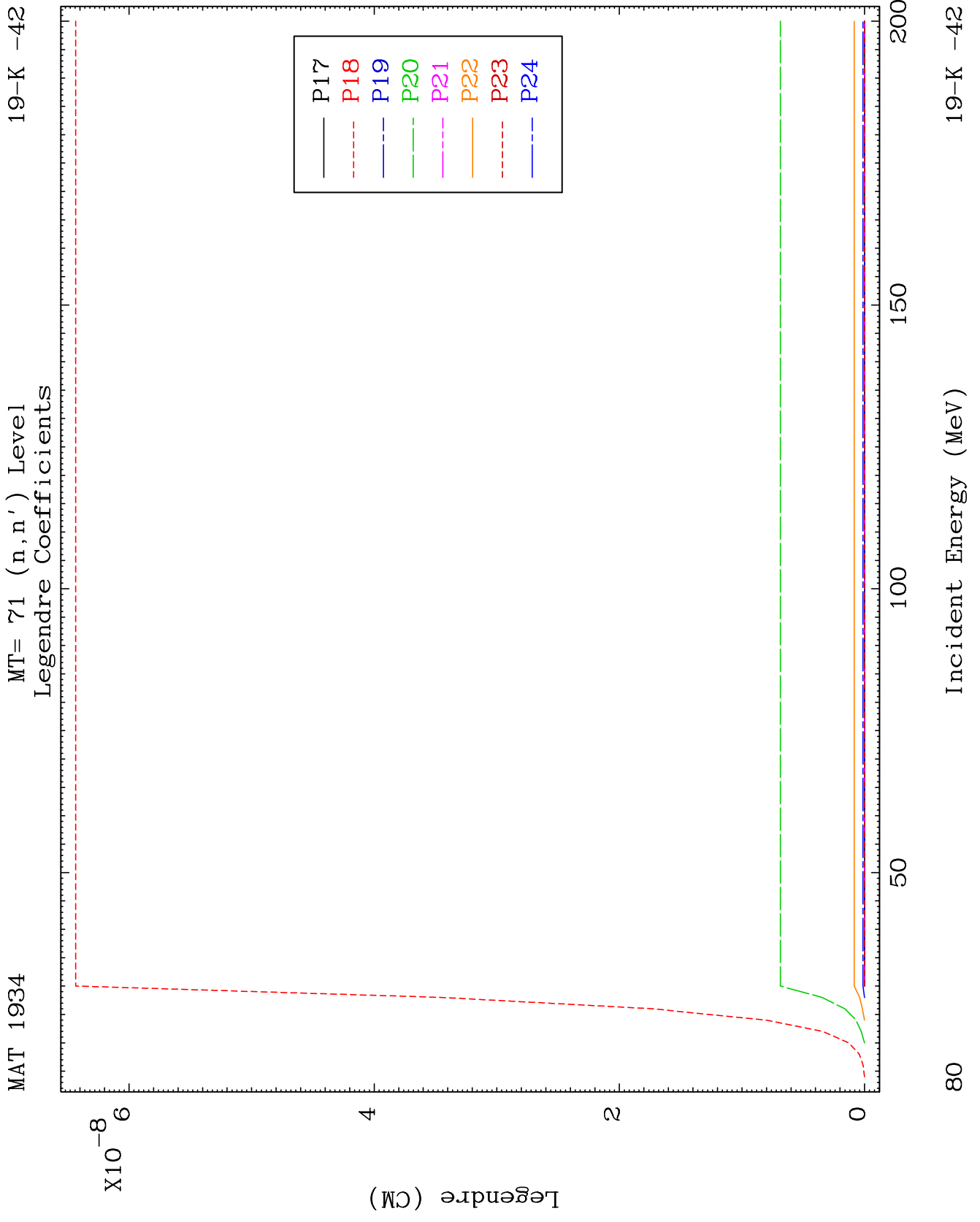
19-K -42



79

19-K -42

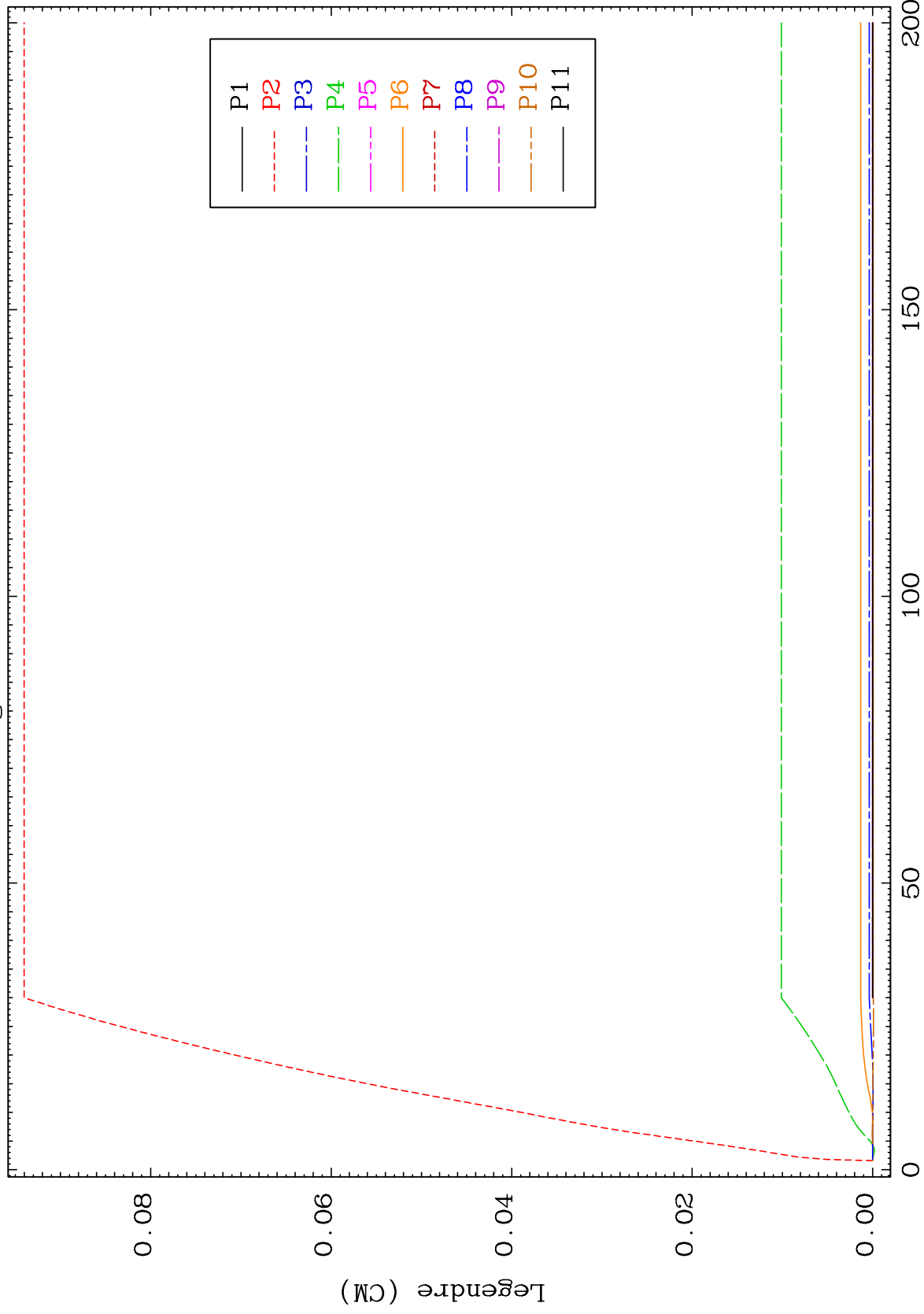
19-K -42



MAT 1934

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

19-K -42



81

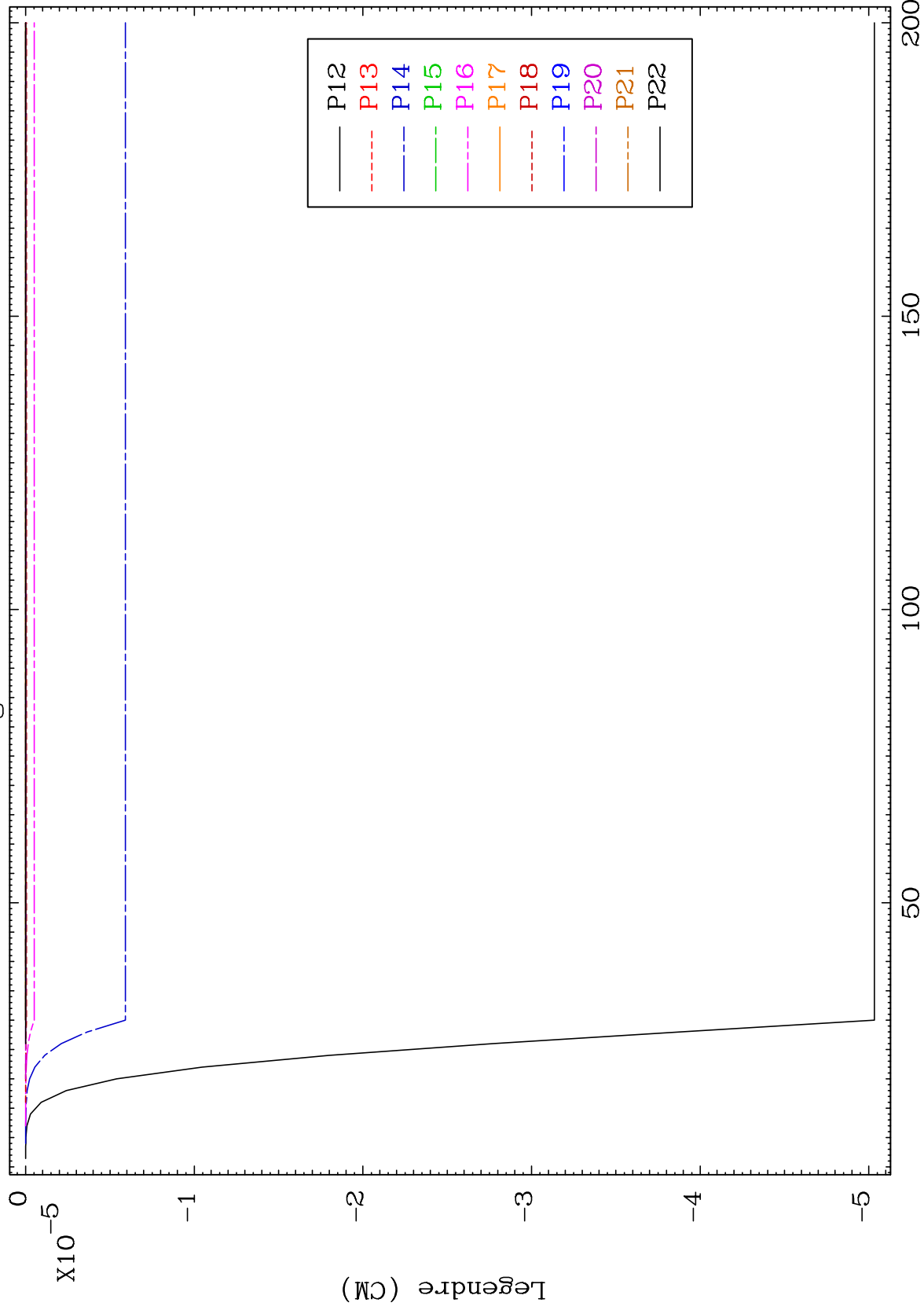
Incident Energy (MeV)

19-K -42

MAT 1934

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

19-K -42



82

Incident Energy (MeV)

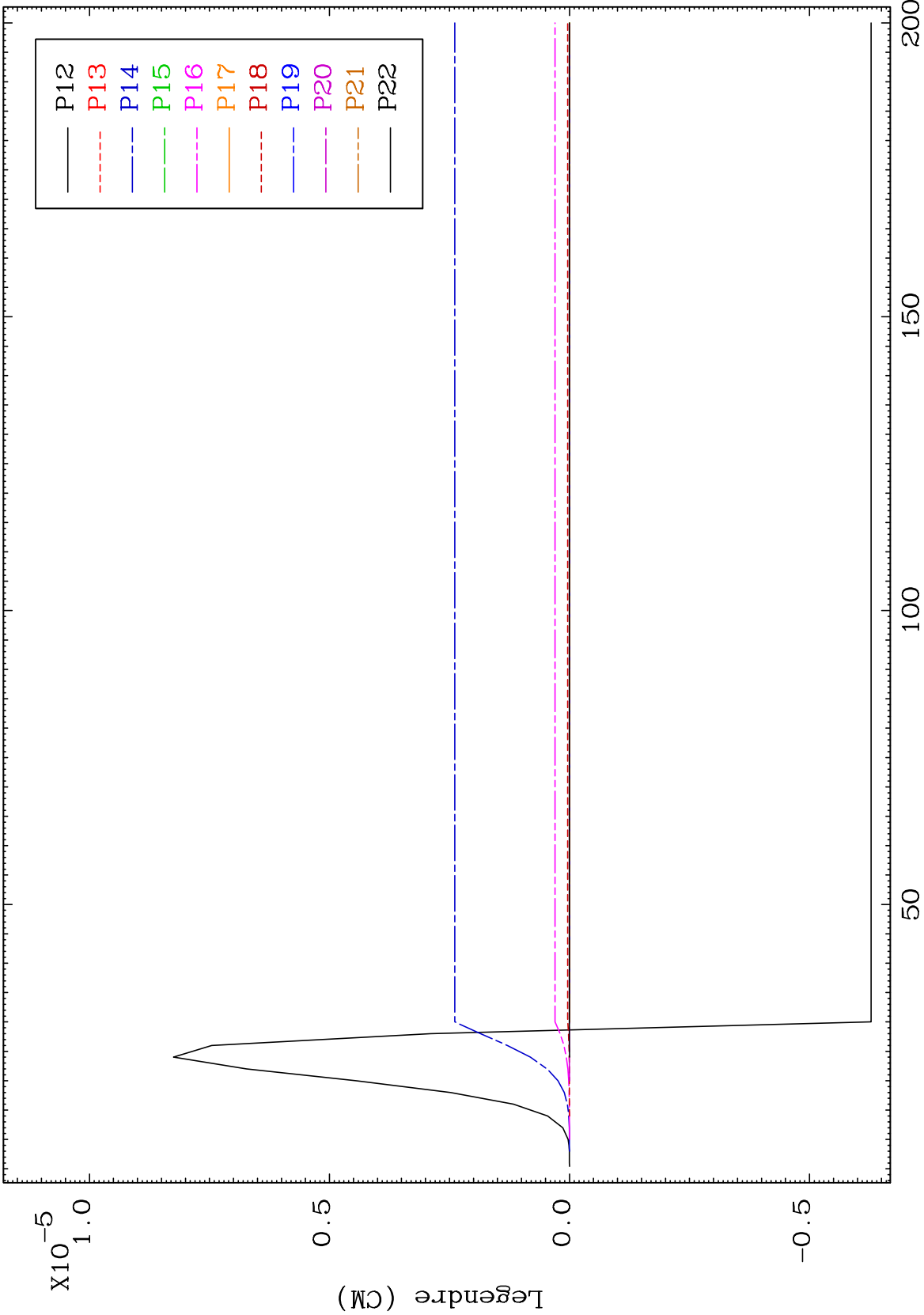
19-K -42



MAT 1934

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

19-K -42



84

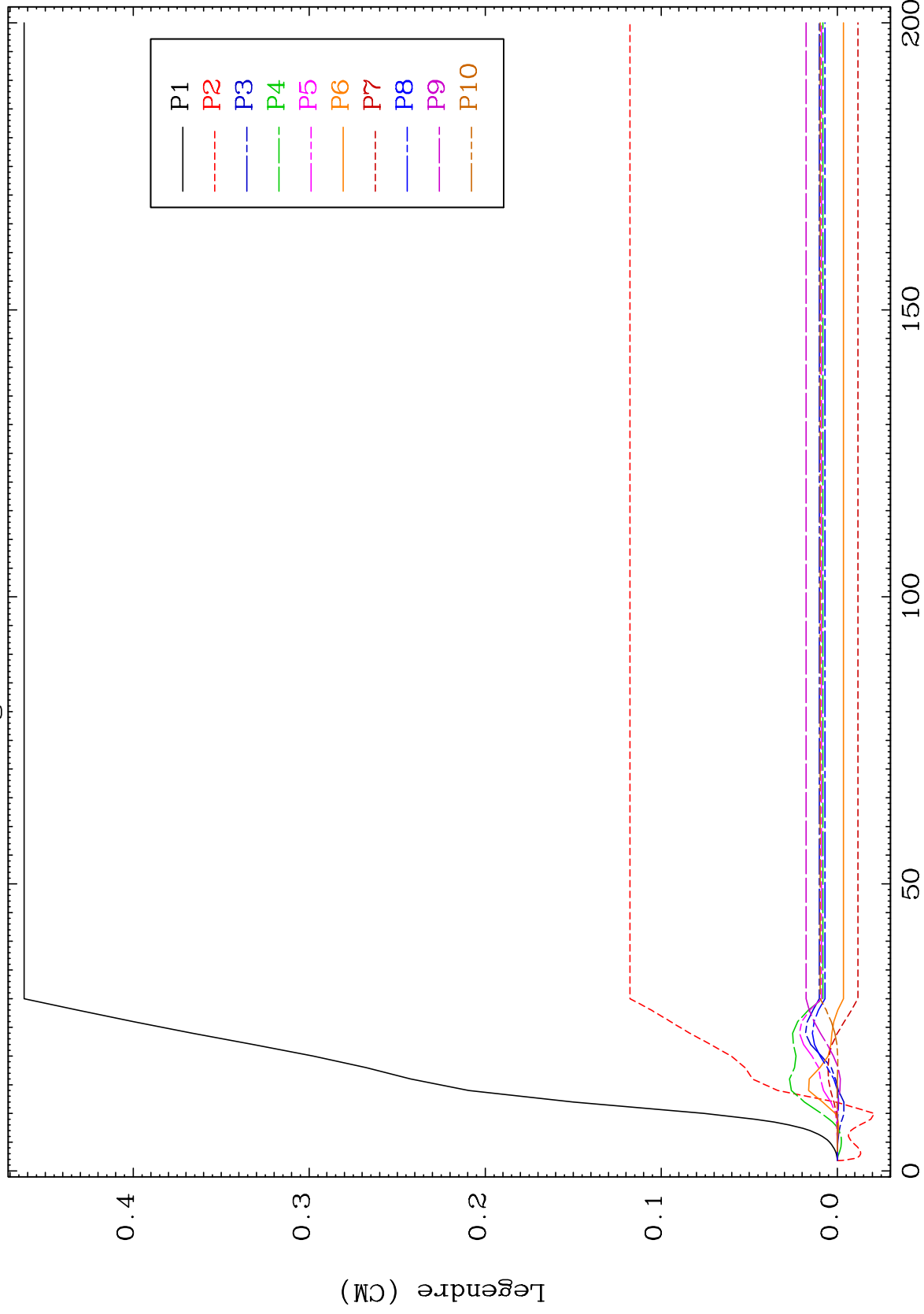
Incident Energy (MeV)

19-K -42

MAT 1934

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

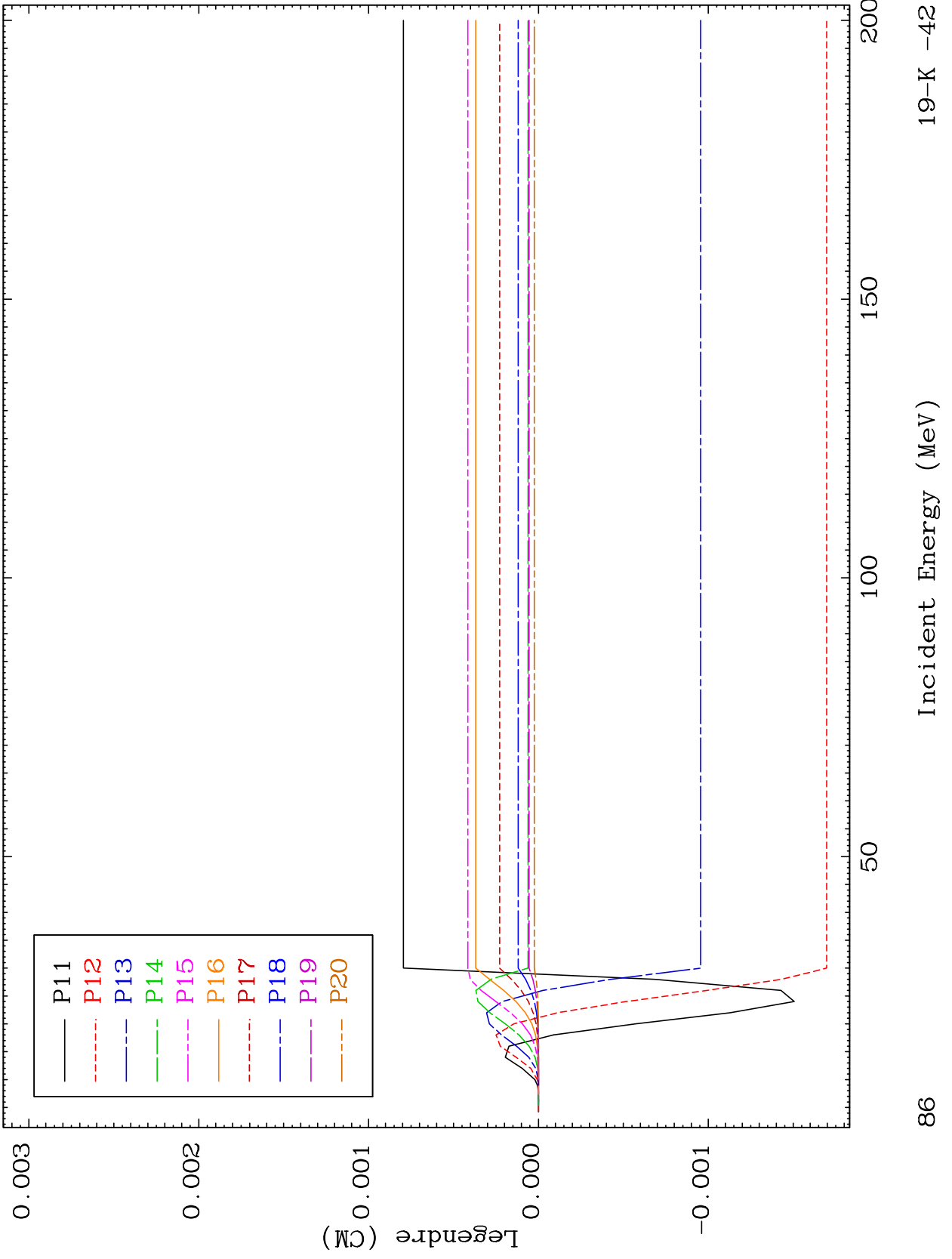
19-K -42

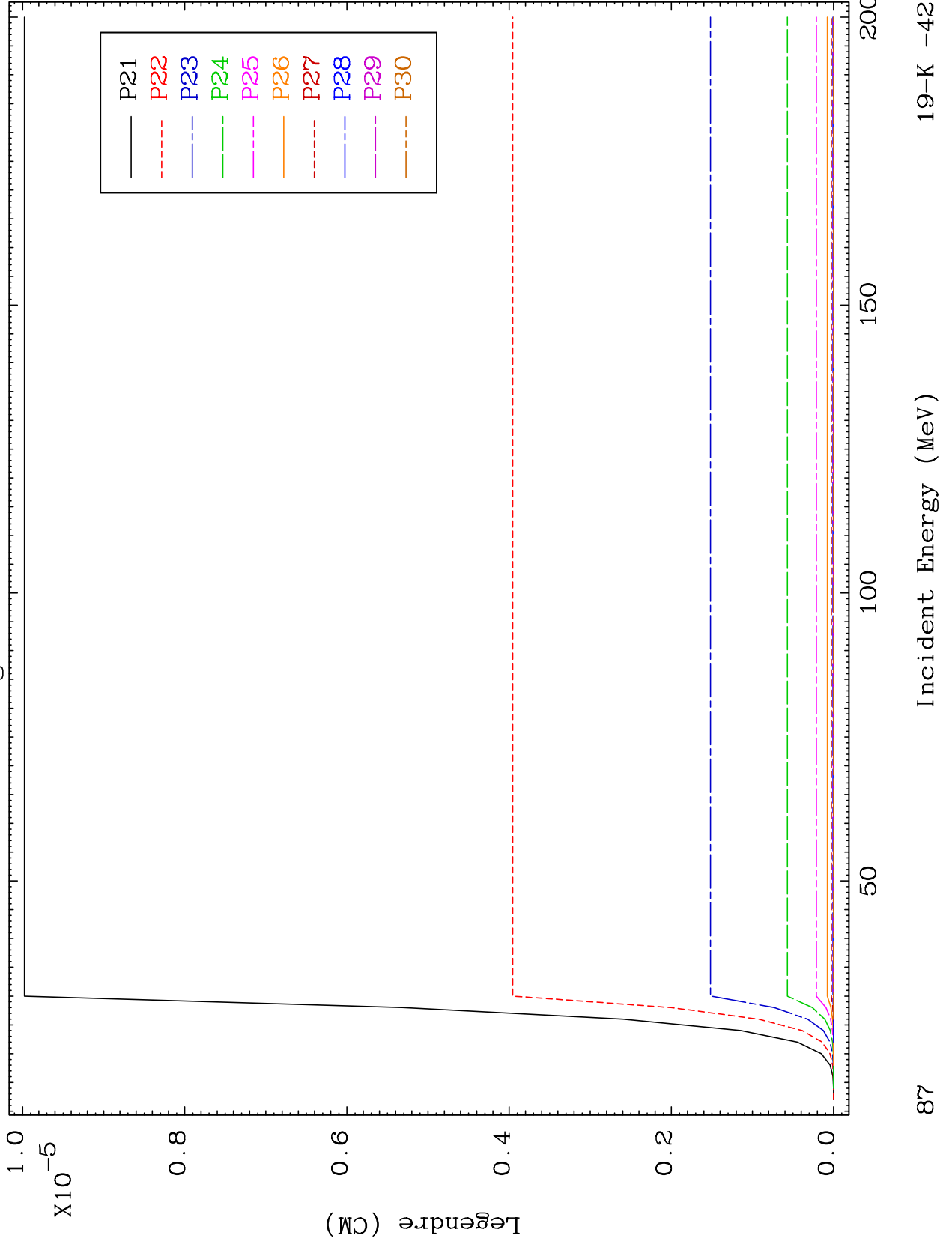


85

Incident Energy (MeV)

19-K -42



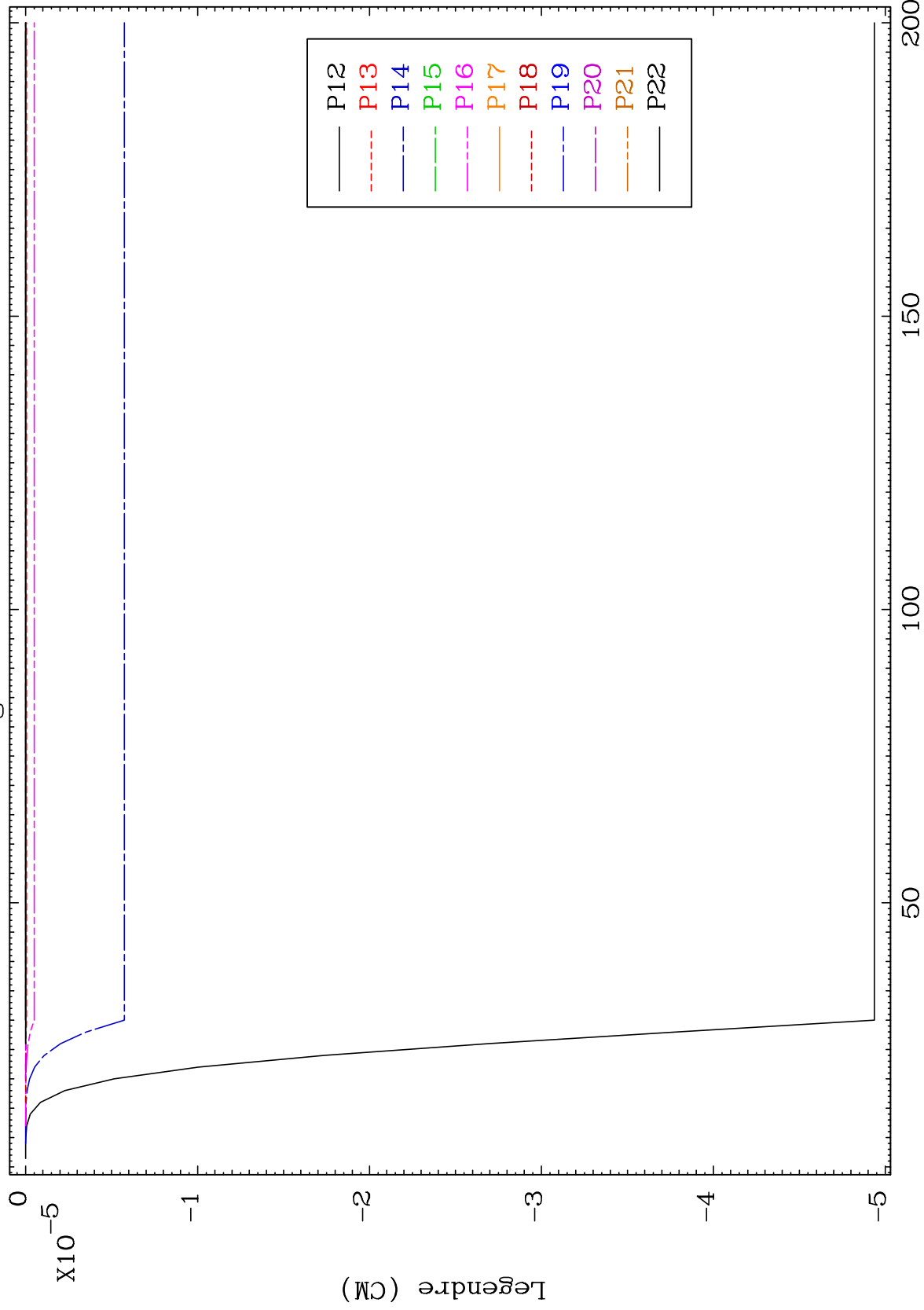




MAT 1934

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

19-K -42



89

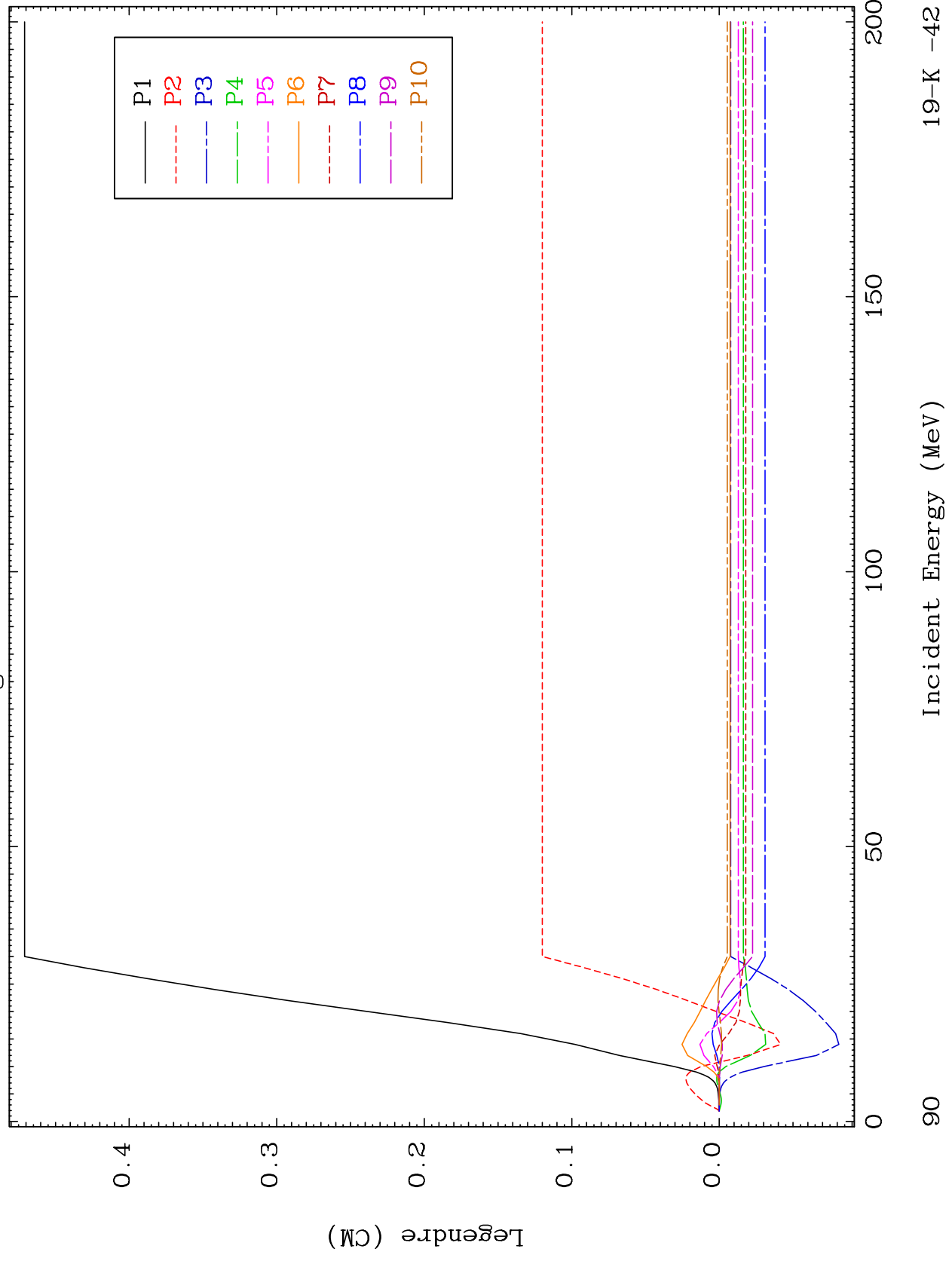
Incident Energy (MeV)

19-K -42

MAT 1934

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

19-K -42



90

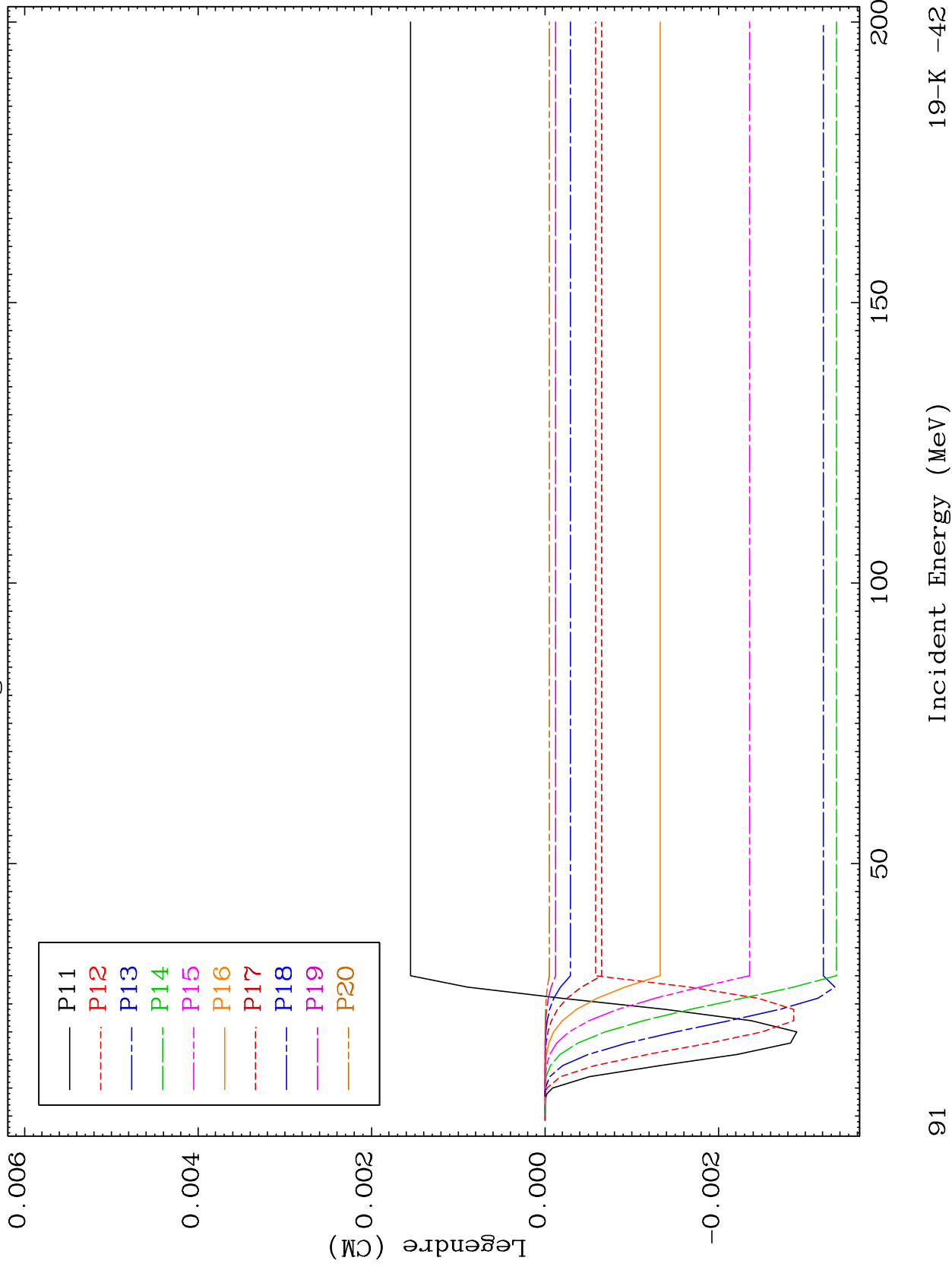
Incident Energy (MeV)

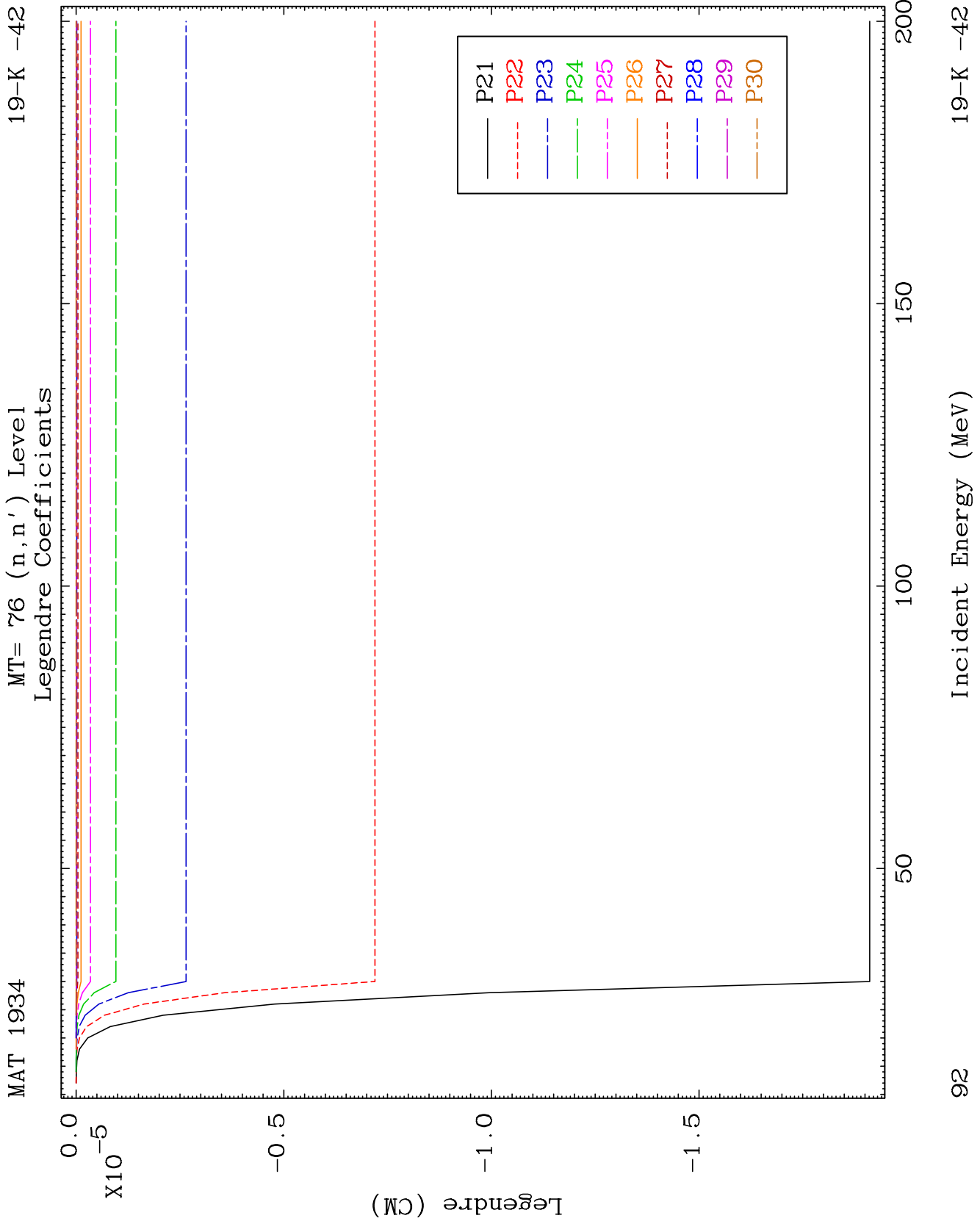
19-K -42

MAT 1934

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

19-K -42

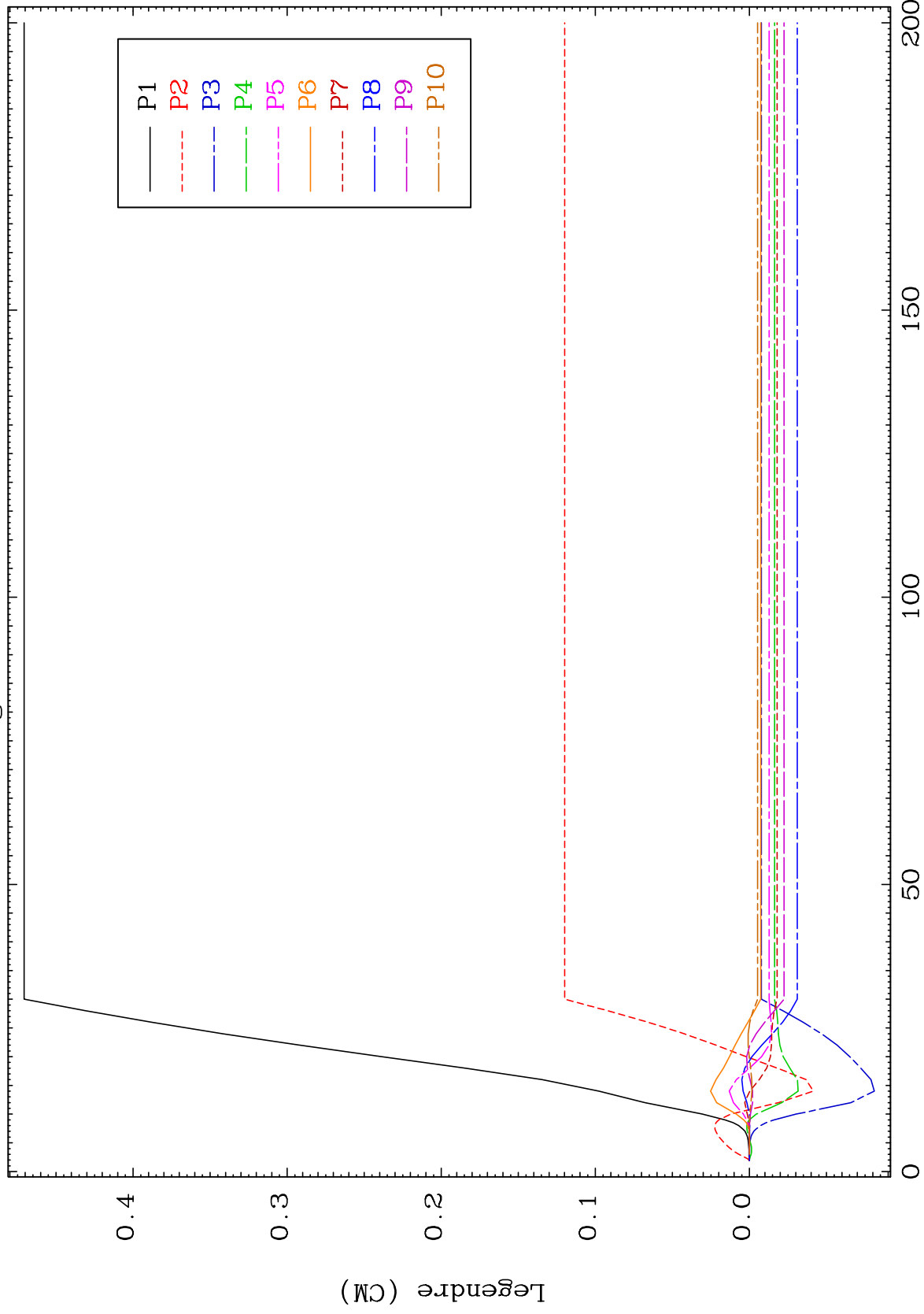




MAT 1934

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

19-K -42



93

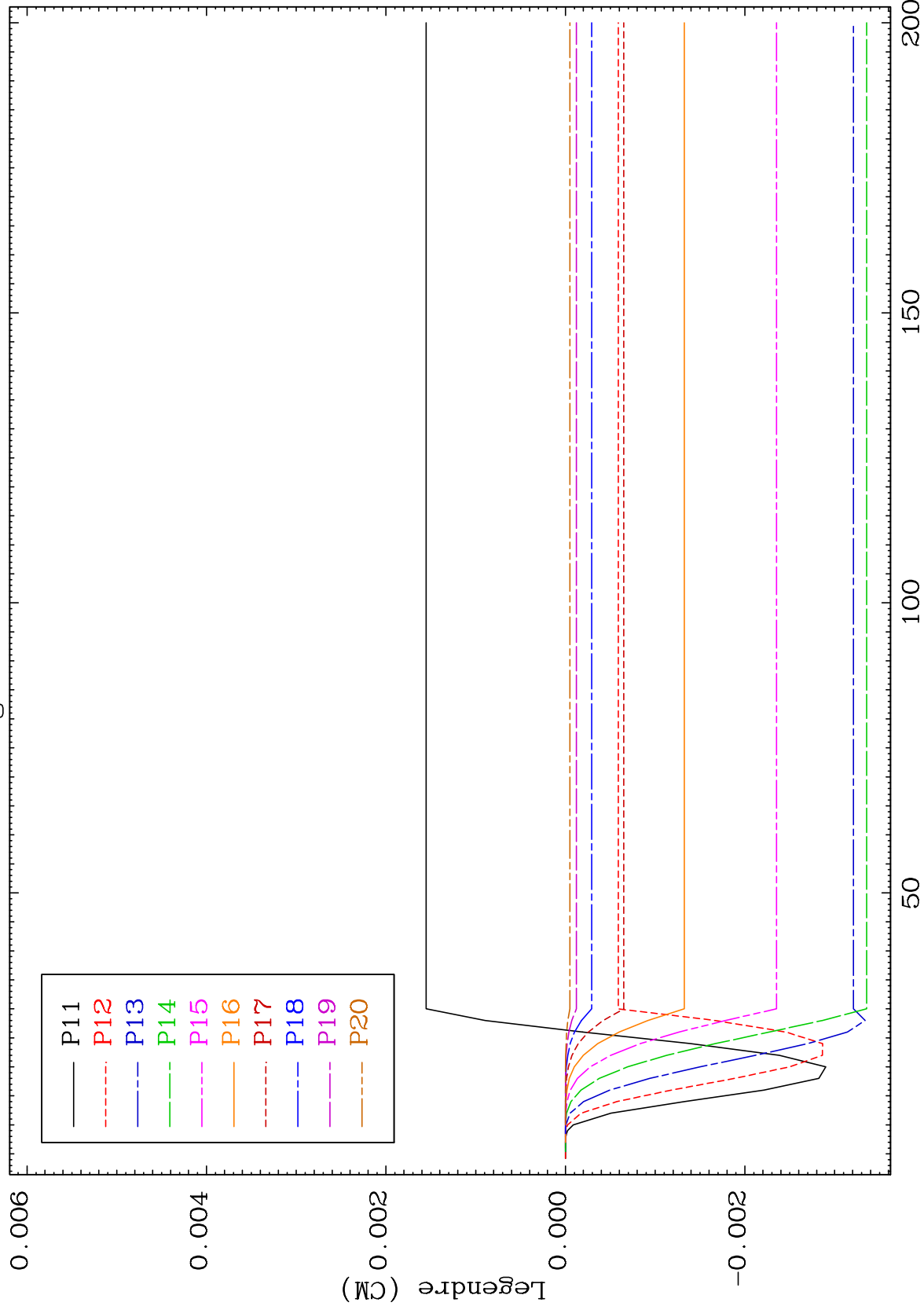
Incident Energy (MeV)

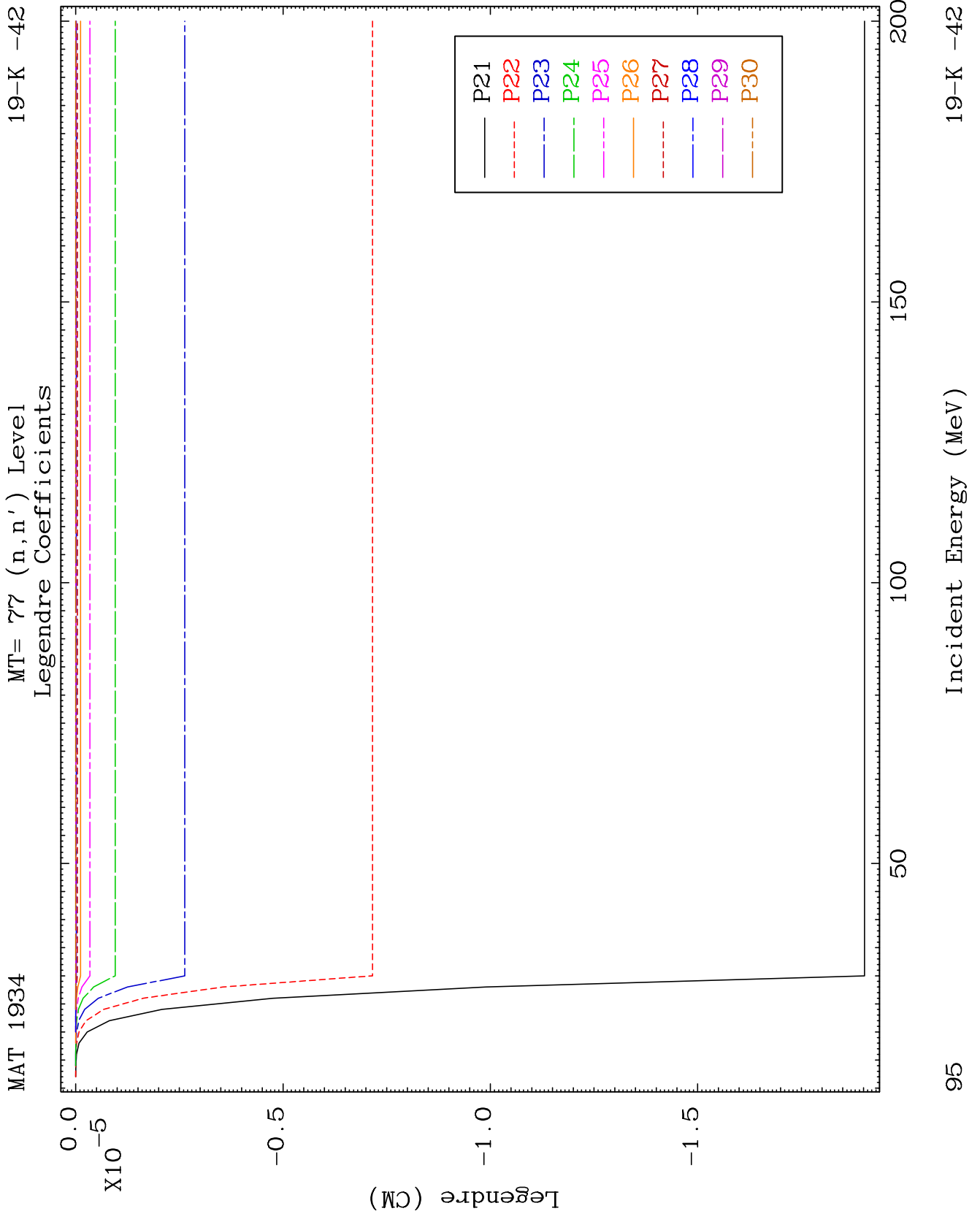
19-K -42

MAT 1934

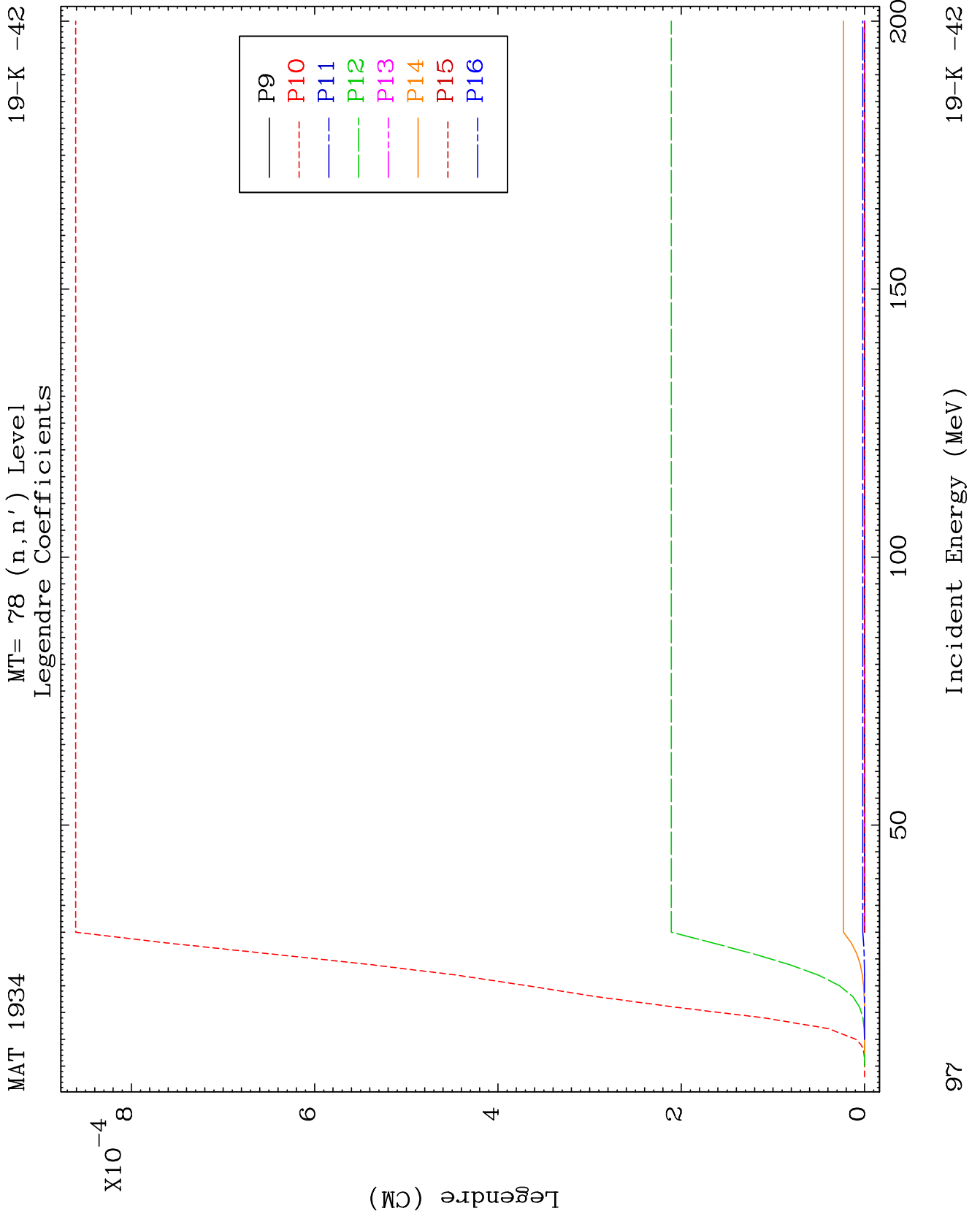
MT= 77 (n,n') Level  
Legendre Coefficients

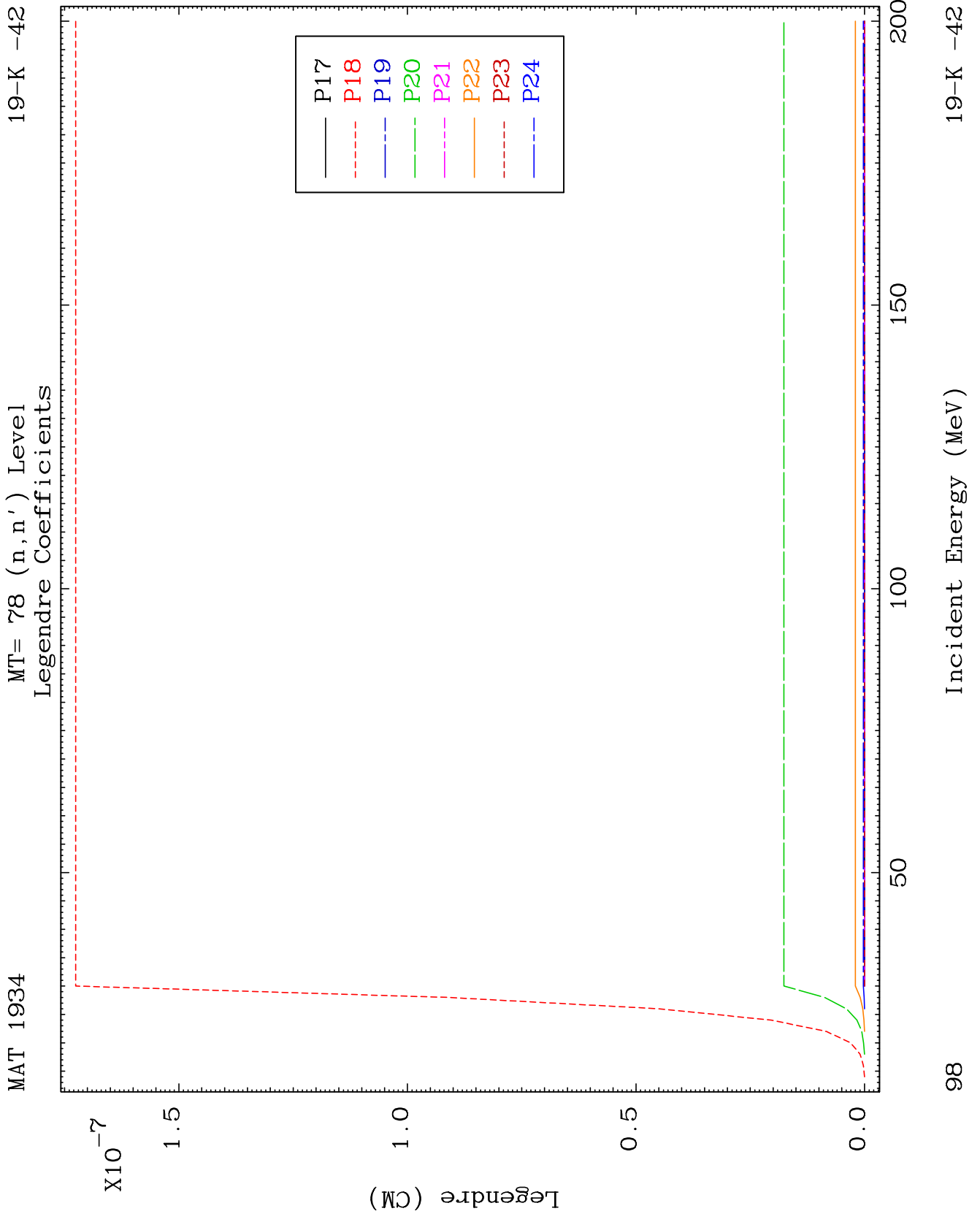
19-K -42







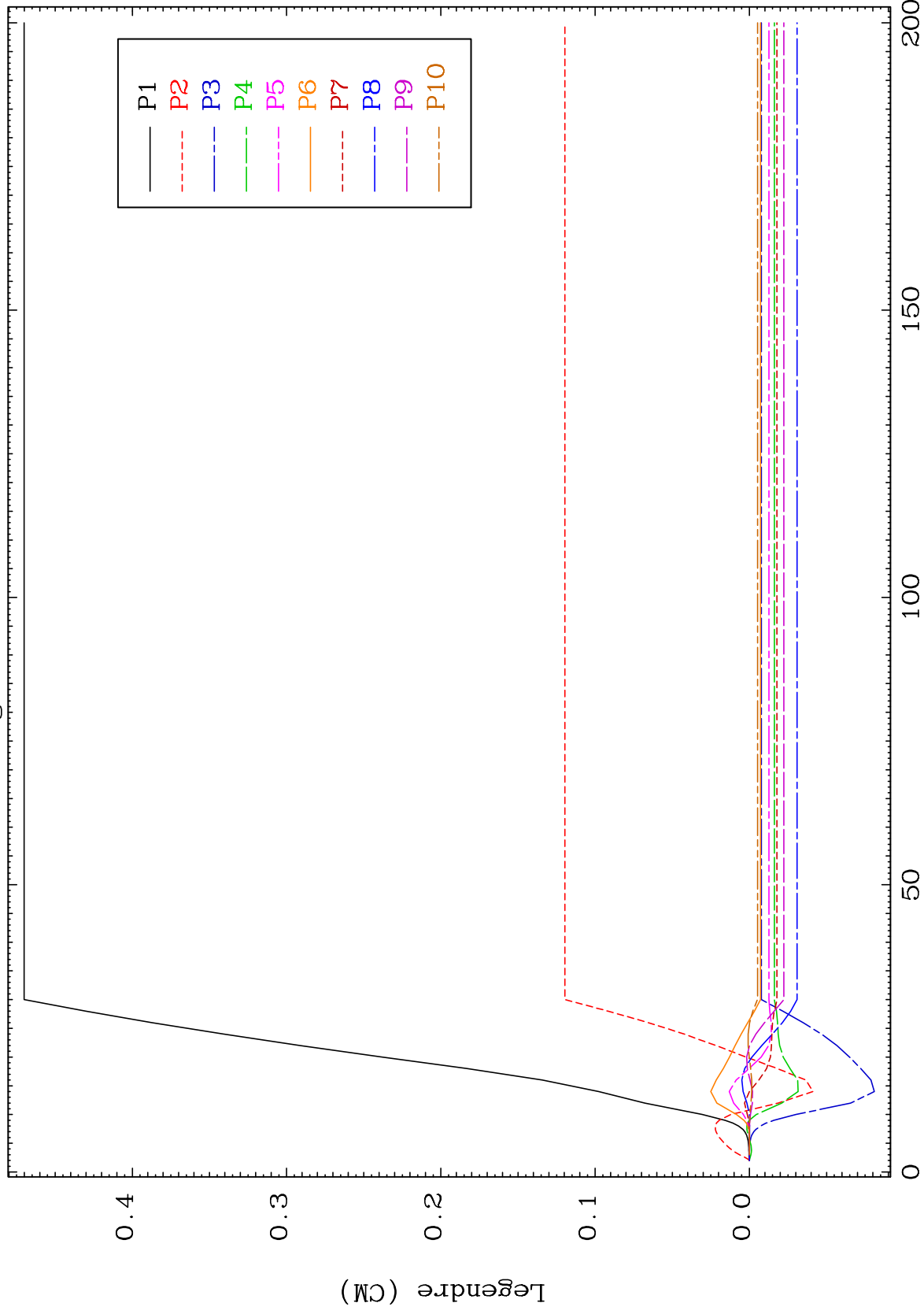




MAT 1934

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

19-K -42



99

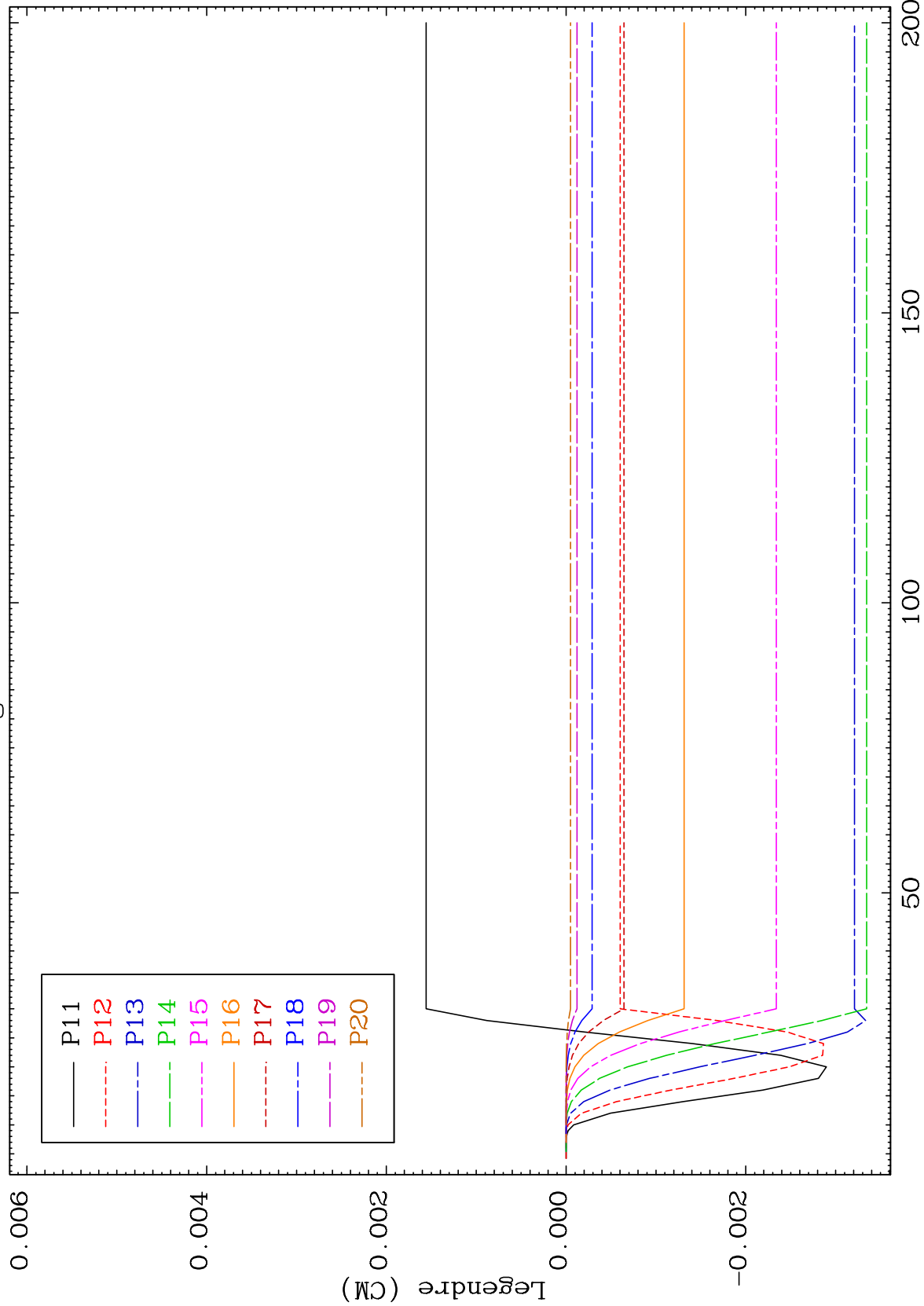
Incident Energy (MeV)

19-K -42

MAT 1934

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

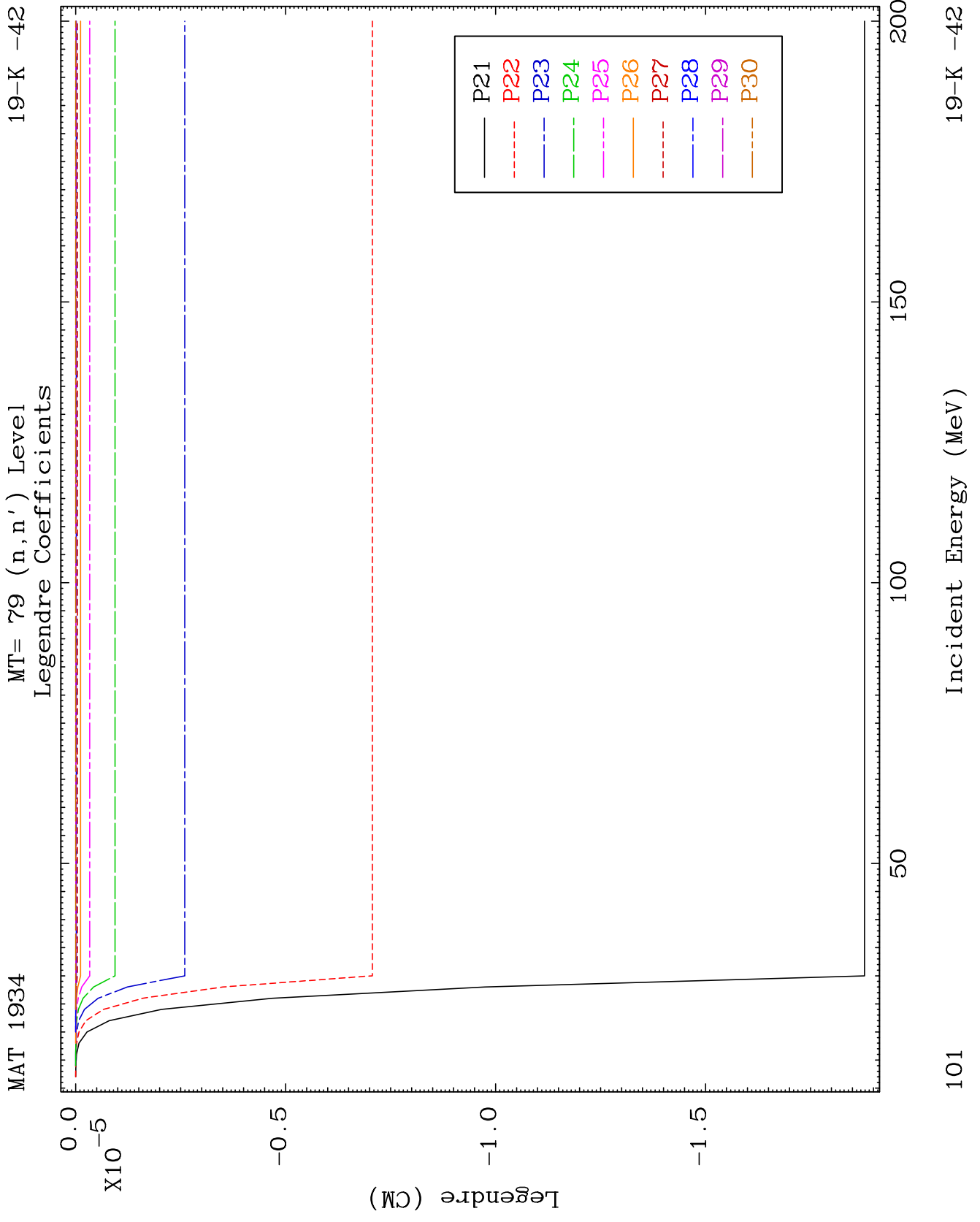
19-K -42



100

Incident Energy (MeV)

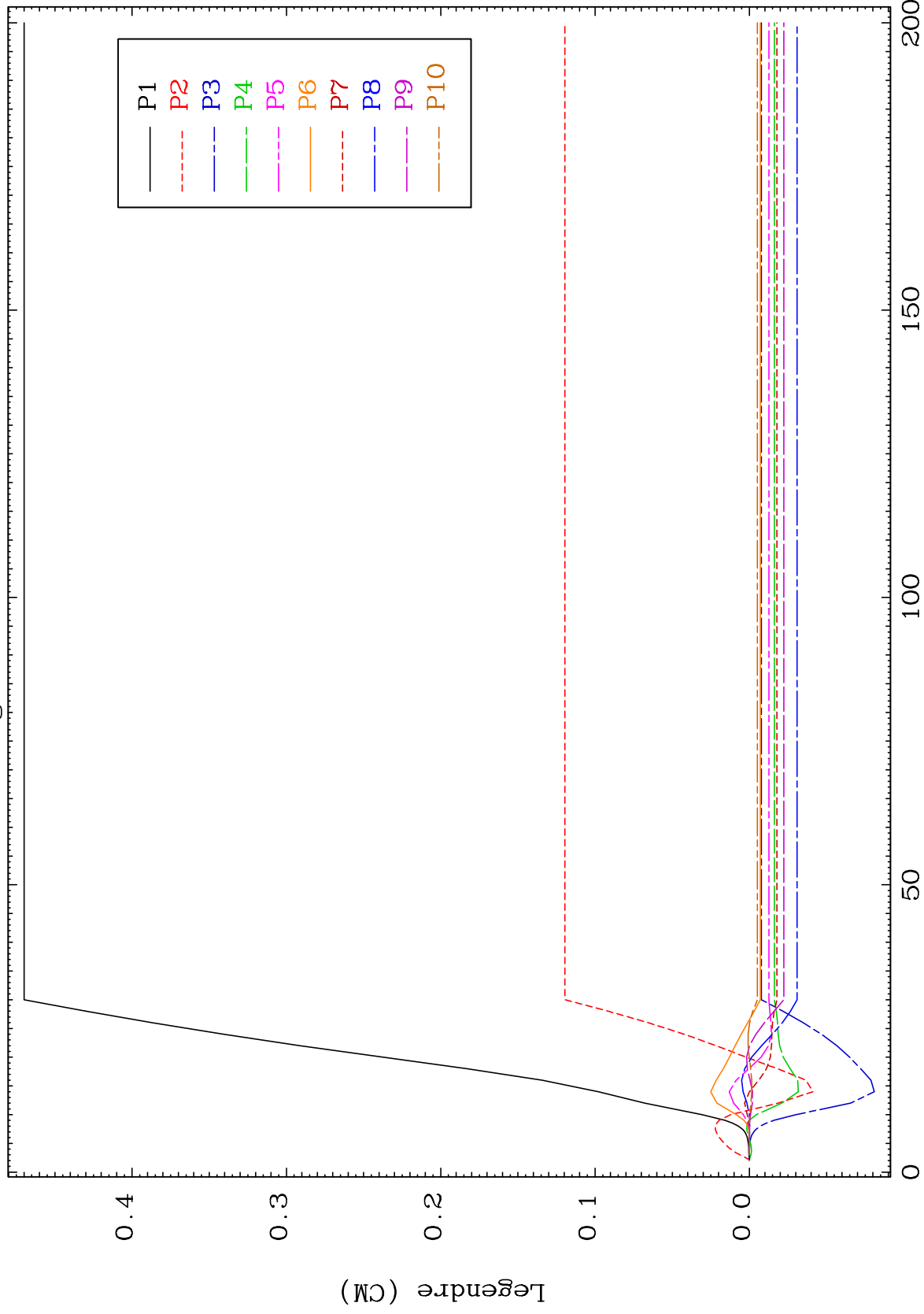
19-K -42



MAT 1934

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

19-K -42



Incident Energy (MeV)

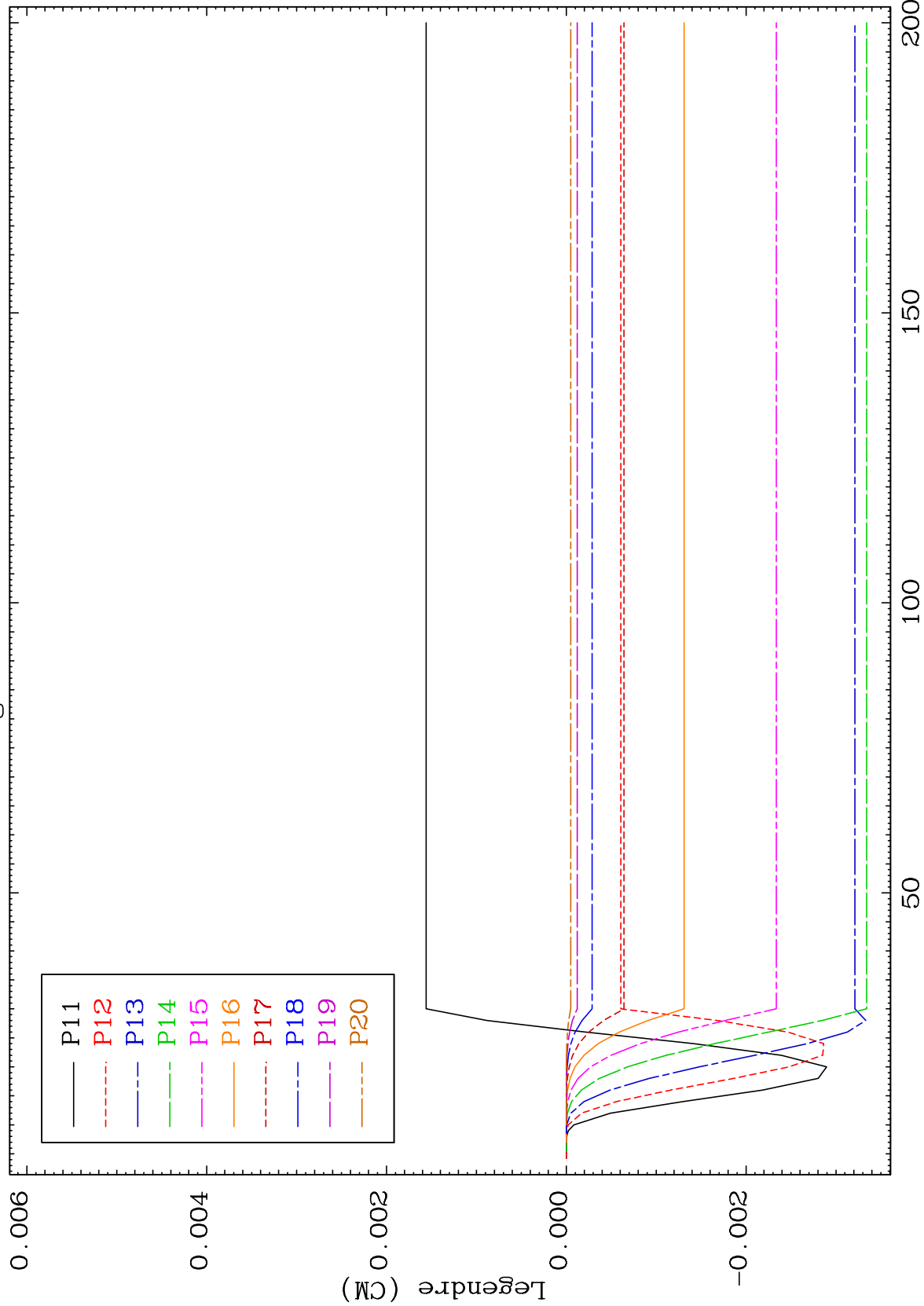
19-K -42

102

MAT 1934

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

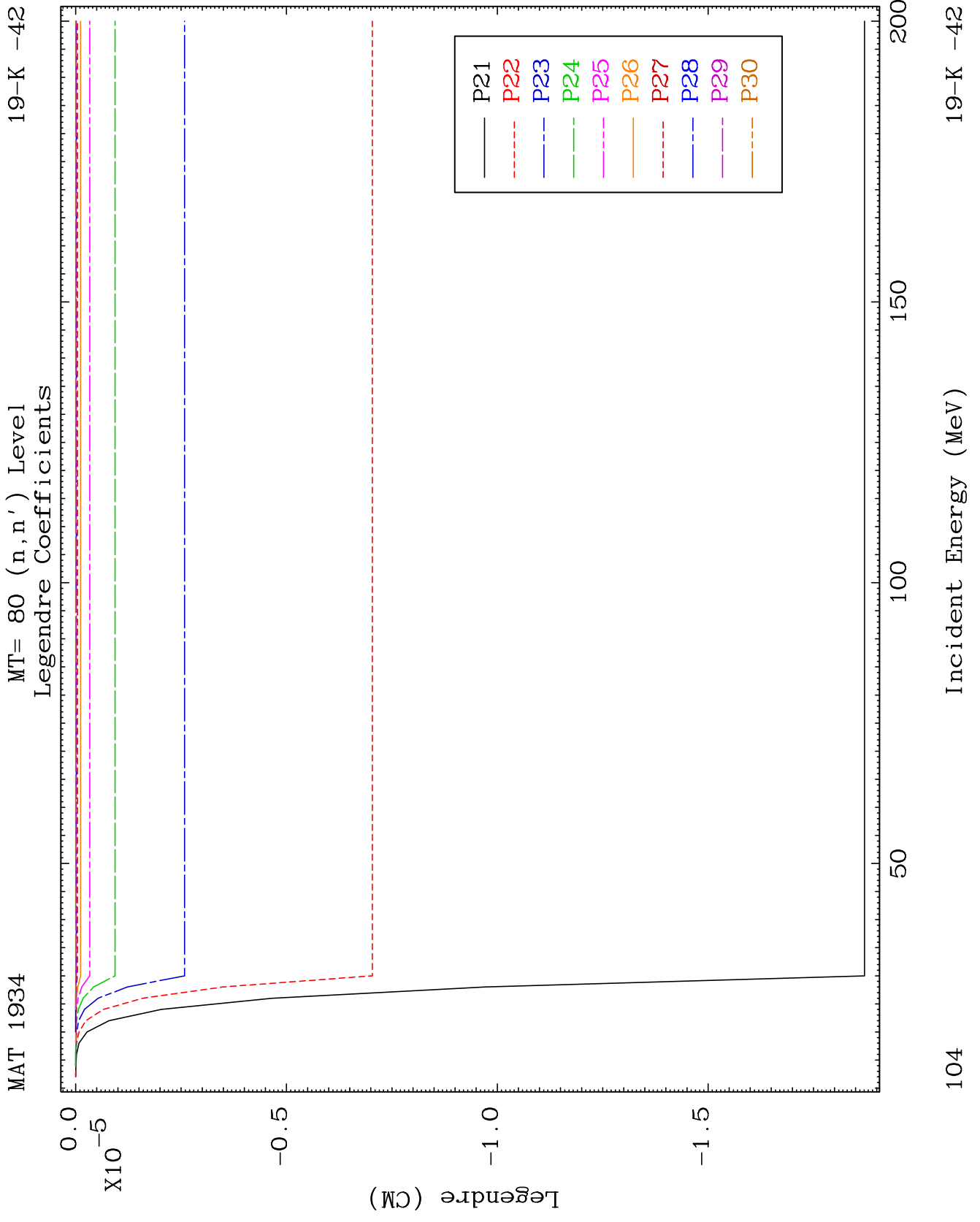
19-K -42



103

Incident Energy (MeV)

19-K -42

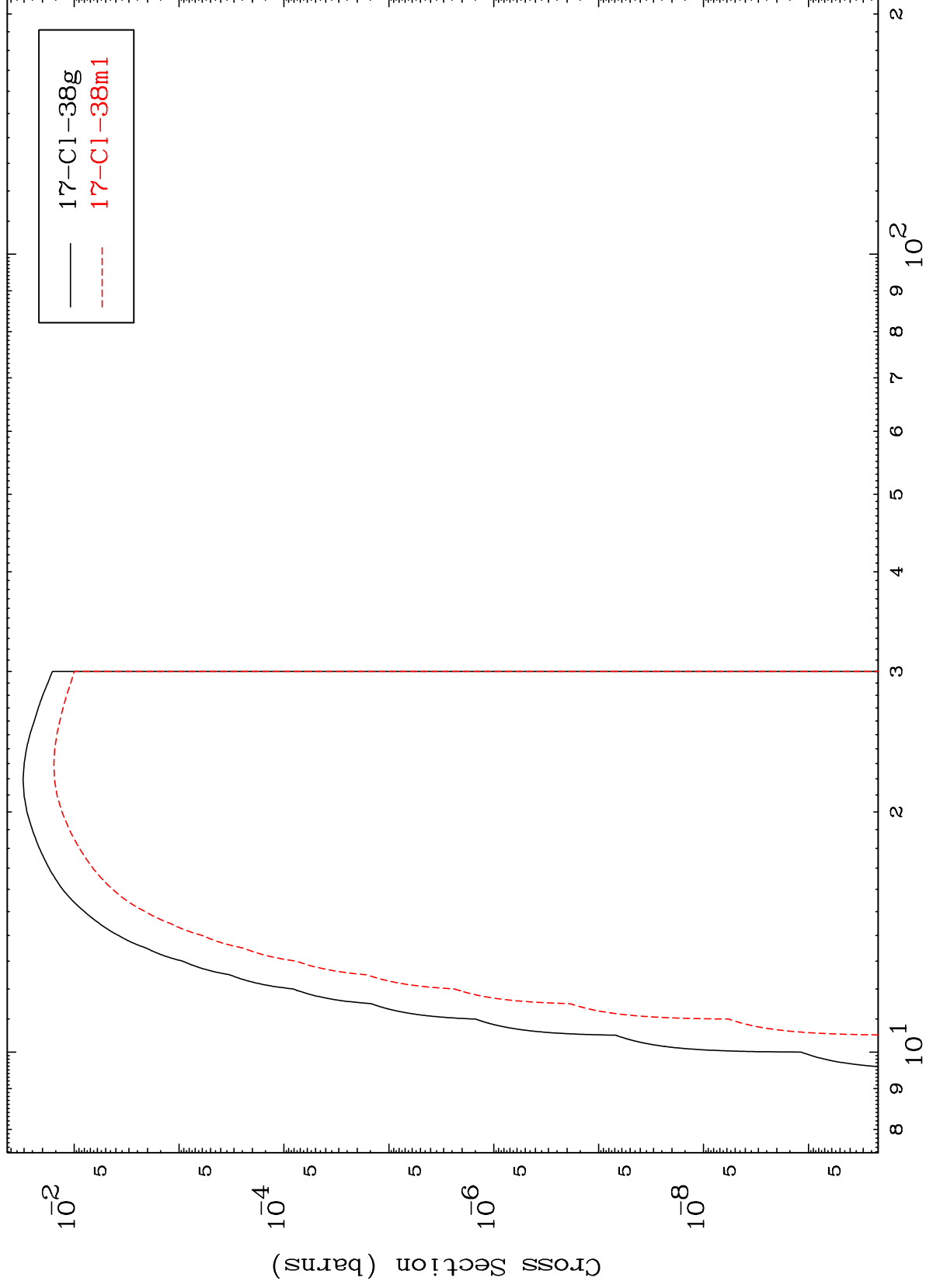


MAT 1934

$(n, n') \alpha$

19-K -42

Radionuclide Production Cross Section



105

Incident Energy (MeV)

19-K -42