

Program EVALPLOT  
(Version 2018-1)

by

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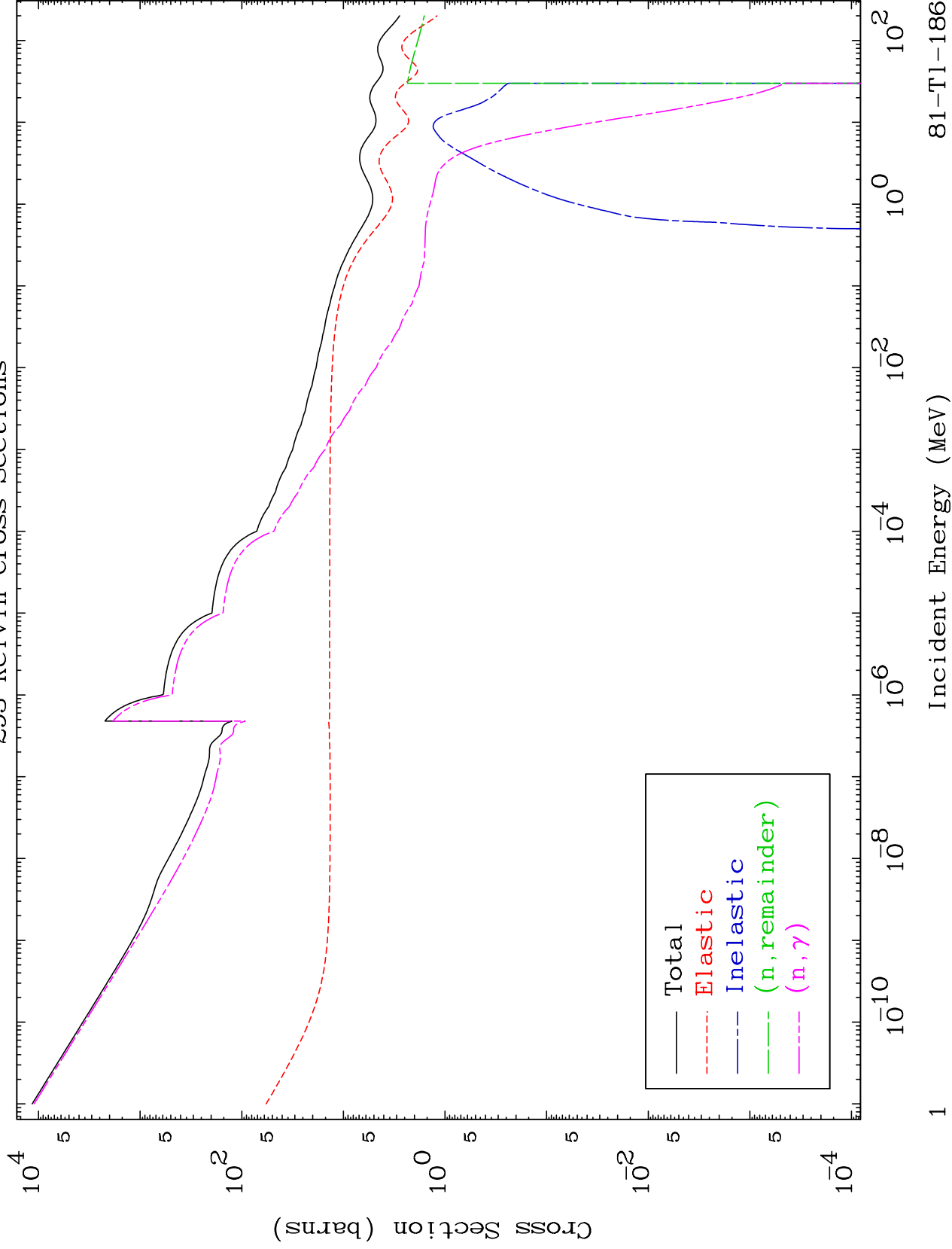
Press Mouse Button to Start

MAT 8074

Major

293 Kelvin Cross Sections

81-Tl-186



1

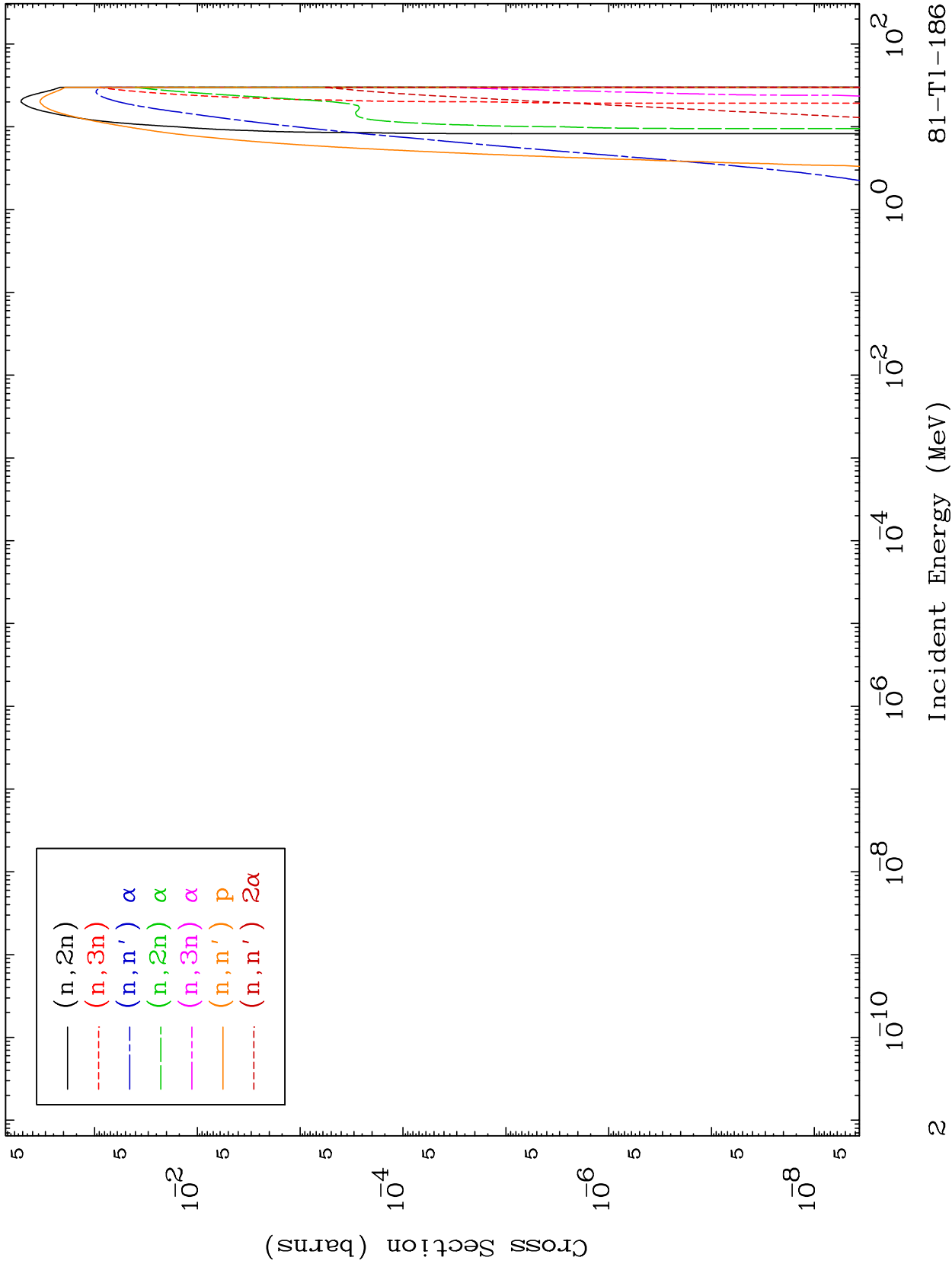
Incident Energy (MeV)

81-Tl-186

MAT 8074

Neutron Production  
293 Kelvin Cross Sections

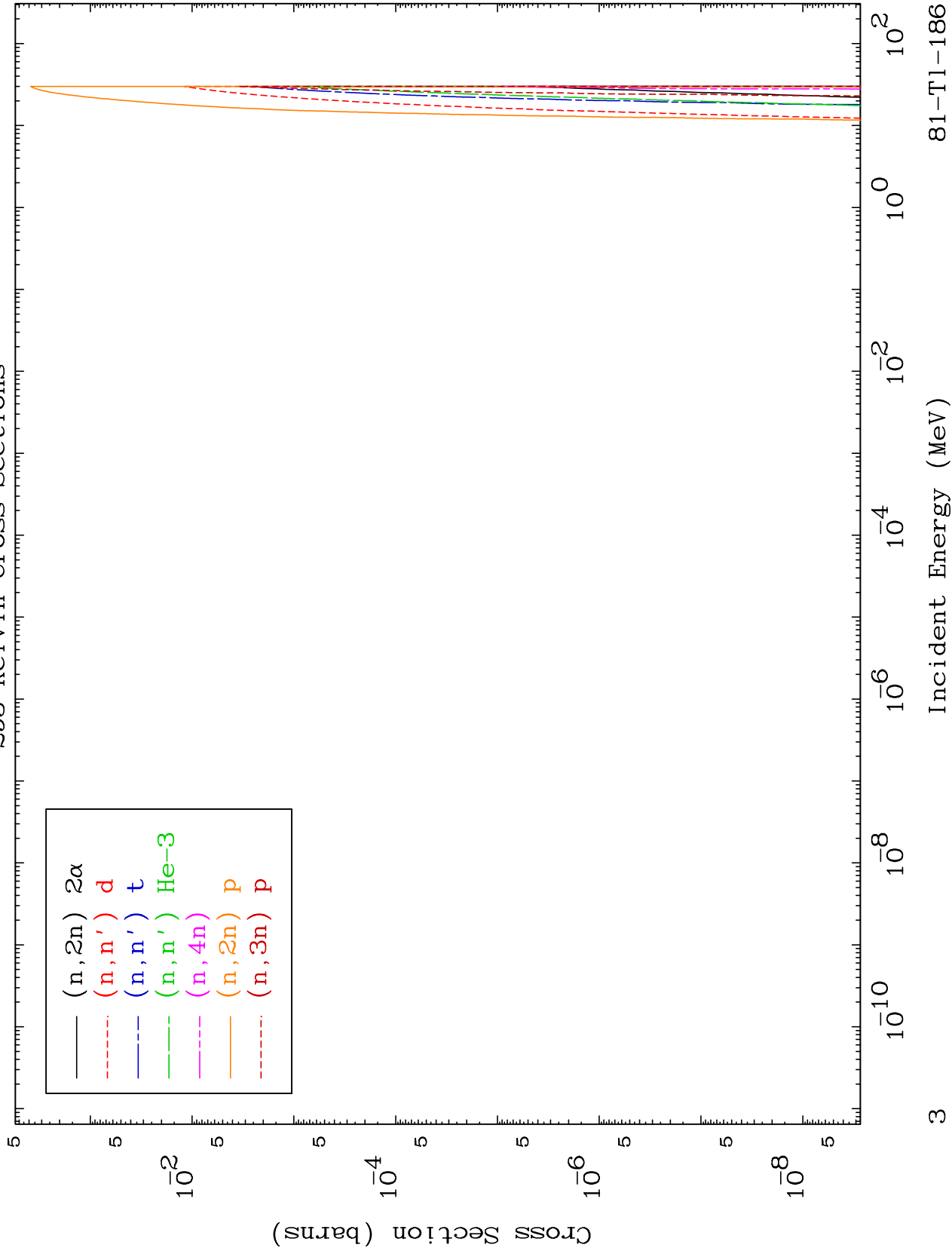
81-Tl-186



MAT 8074

Neutron Production  
293 Kelvin Cross Sections

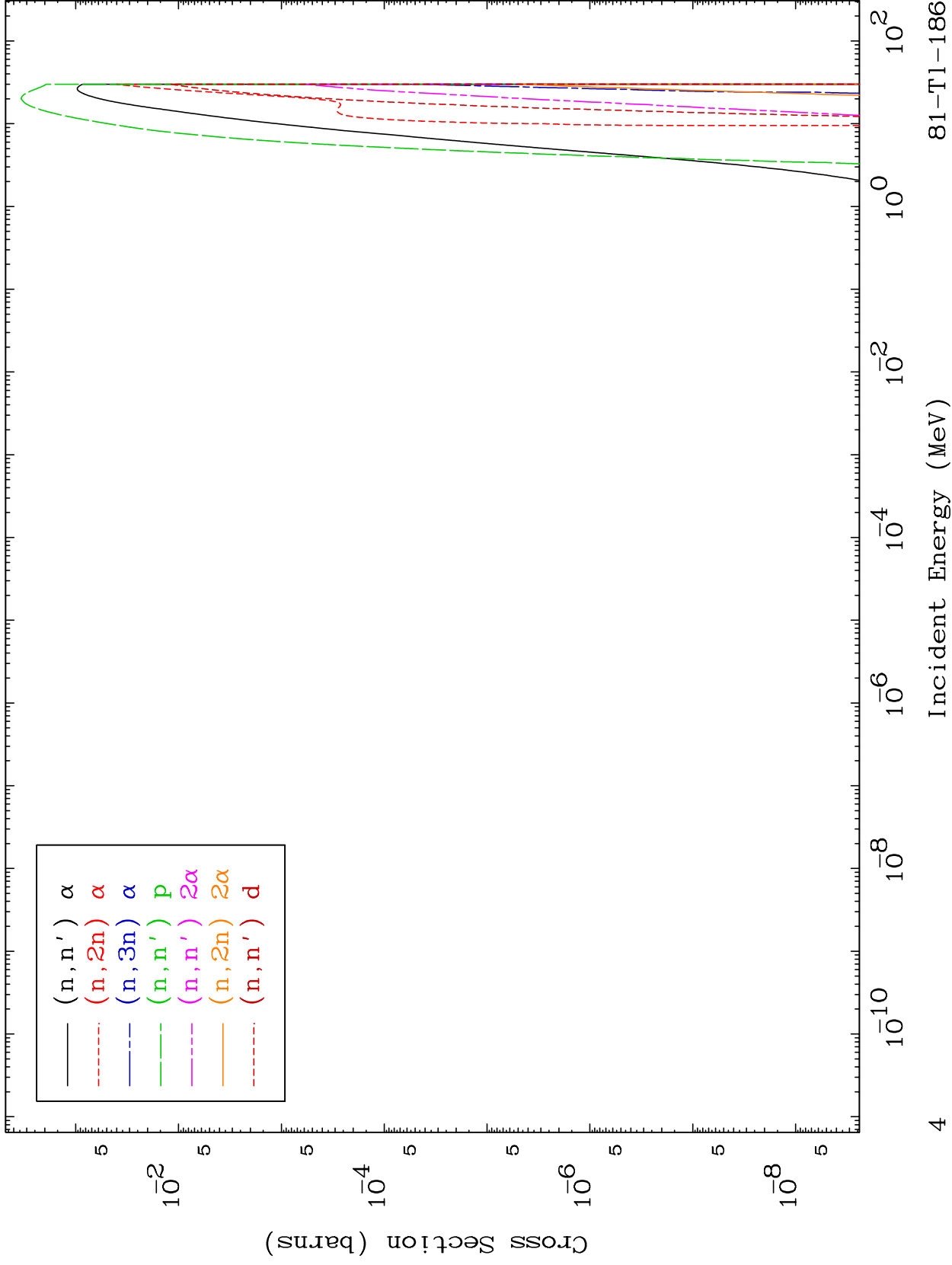
81-Tl-186

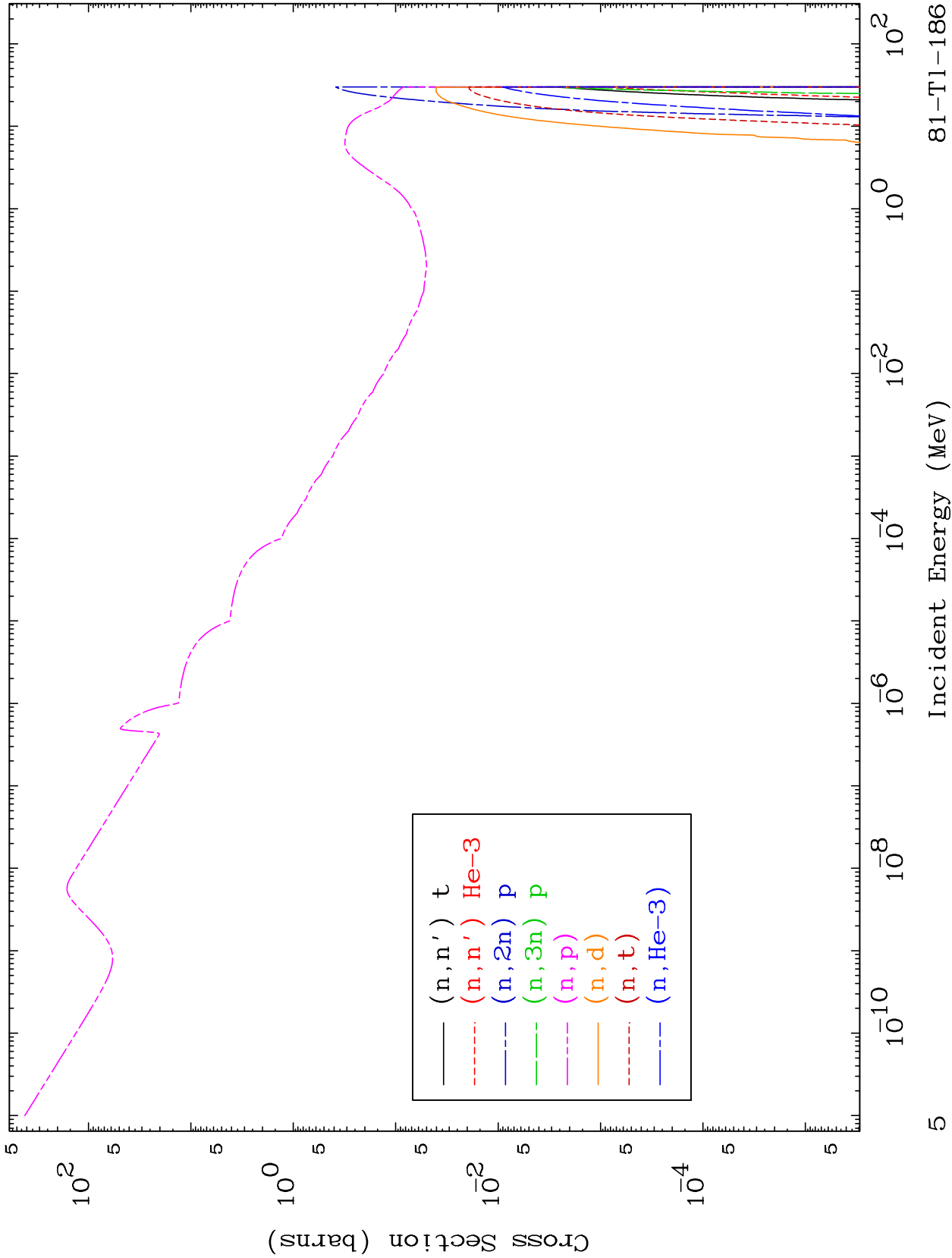


MAT 8074

Charged Particle  
293 Kelvin Cross Sections

81-Tl-186

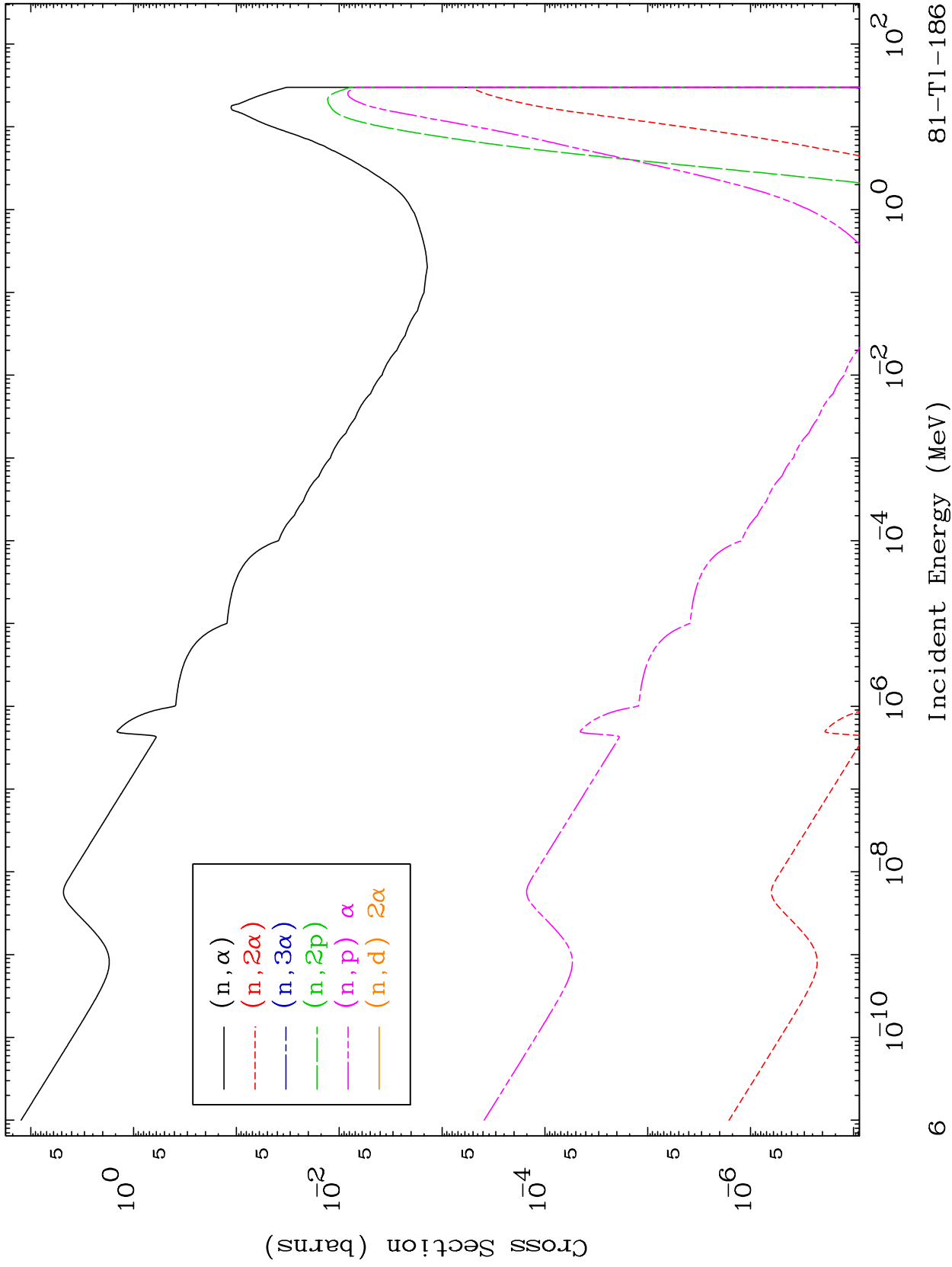


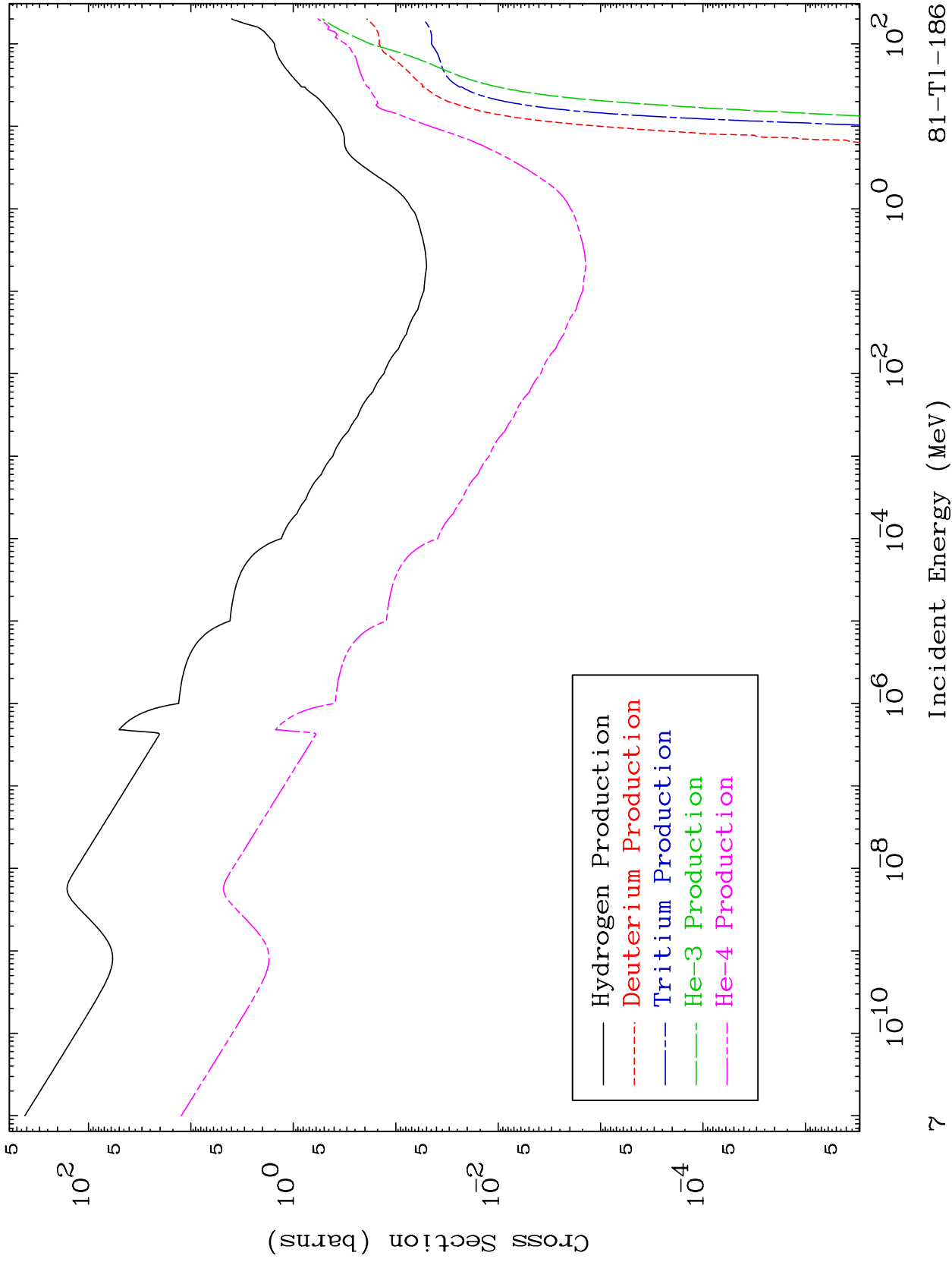


MAT 8074

Charged Particle  
293 Kelvin Cross Sections

81-Tl-186





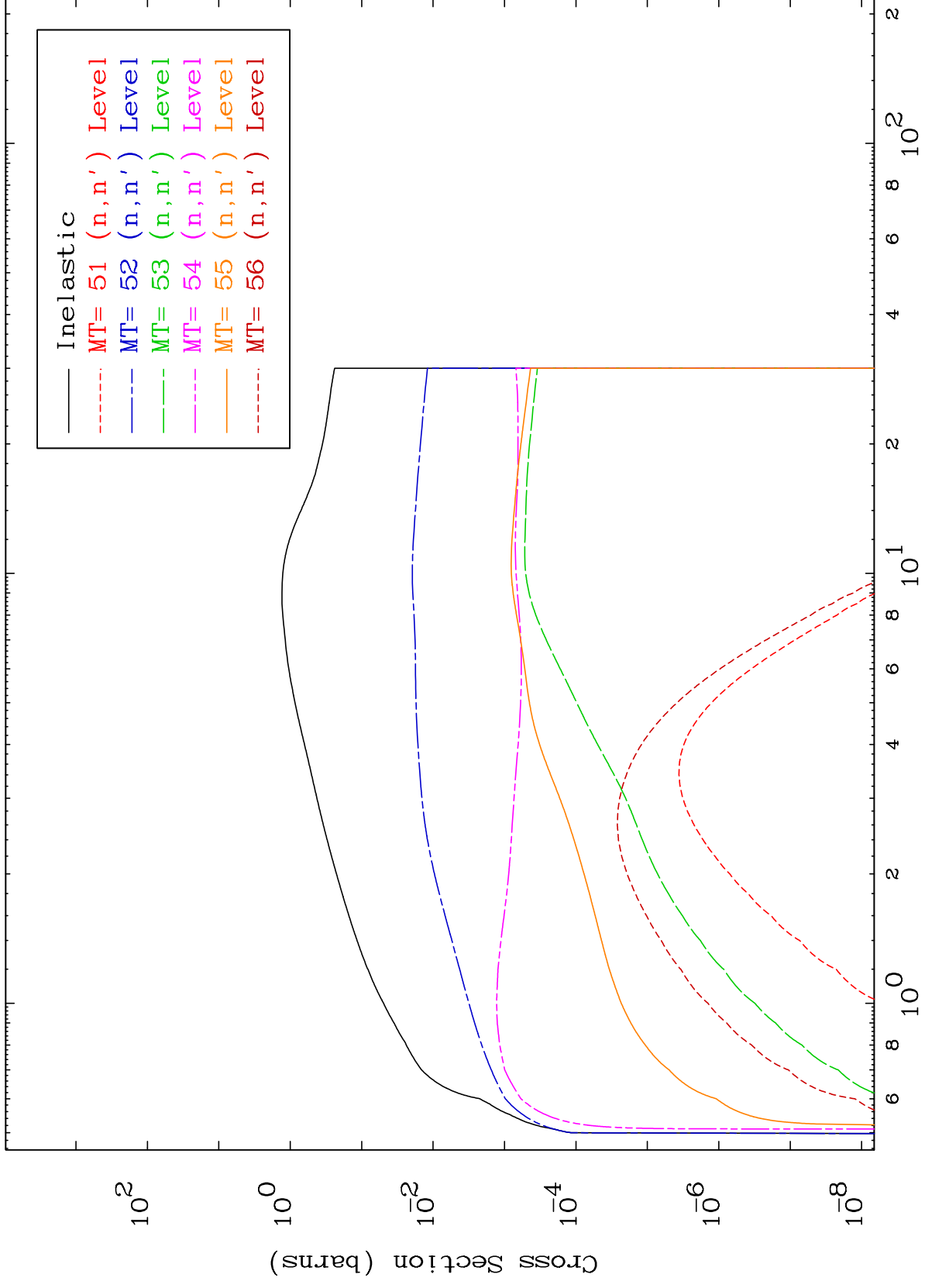


MAT 8074

(n,n') Level

81-Tl-186

293 Kelvin Cross Sections



8

Incident Energy (MeV)

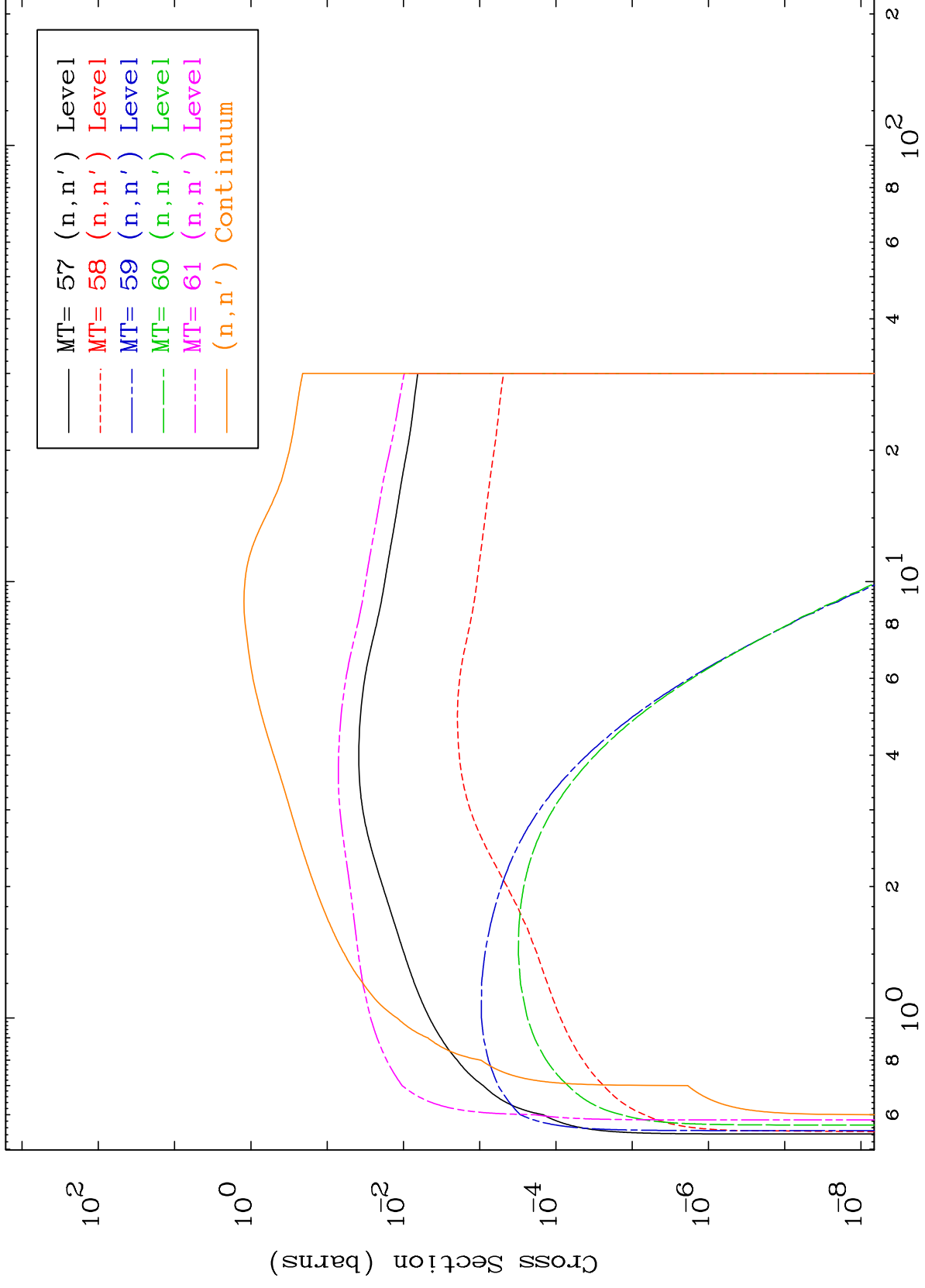
81-Tl-186

MAT 8074

(n,n') Level

81-Tl-186

293 Kelvin Cross Sections



9

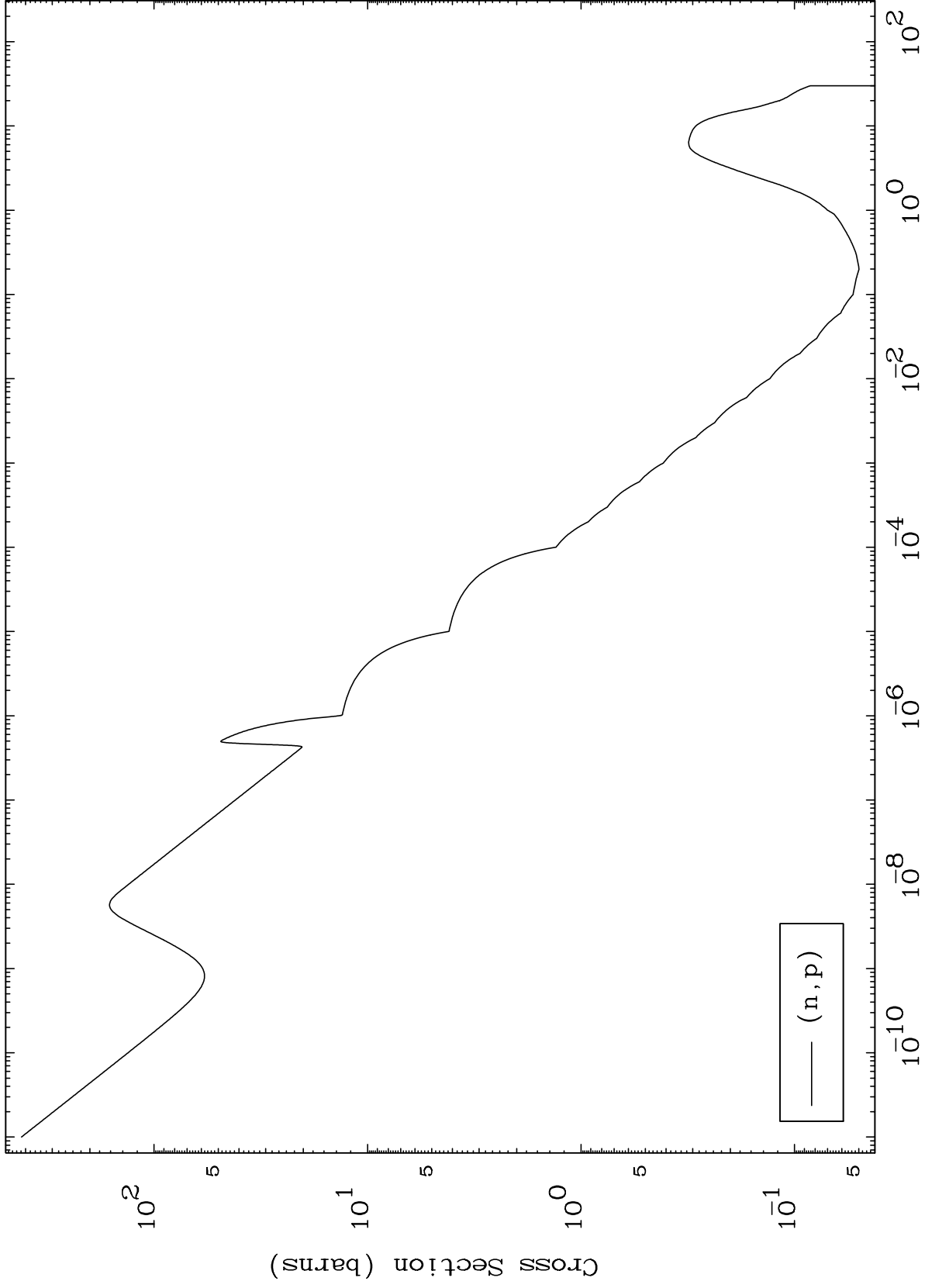
Incident Energy (MeV)

81-Tl-186

MAT 8074

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-186



10

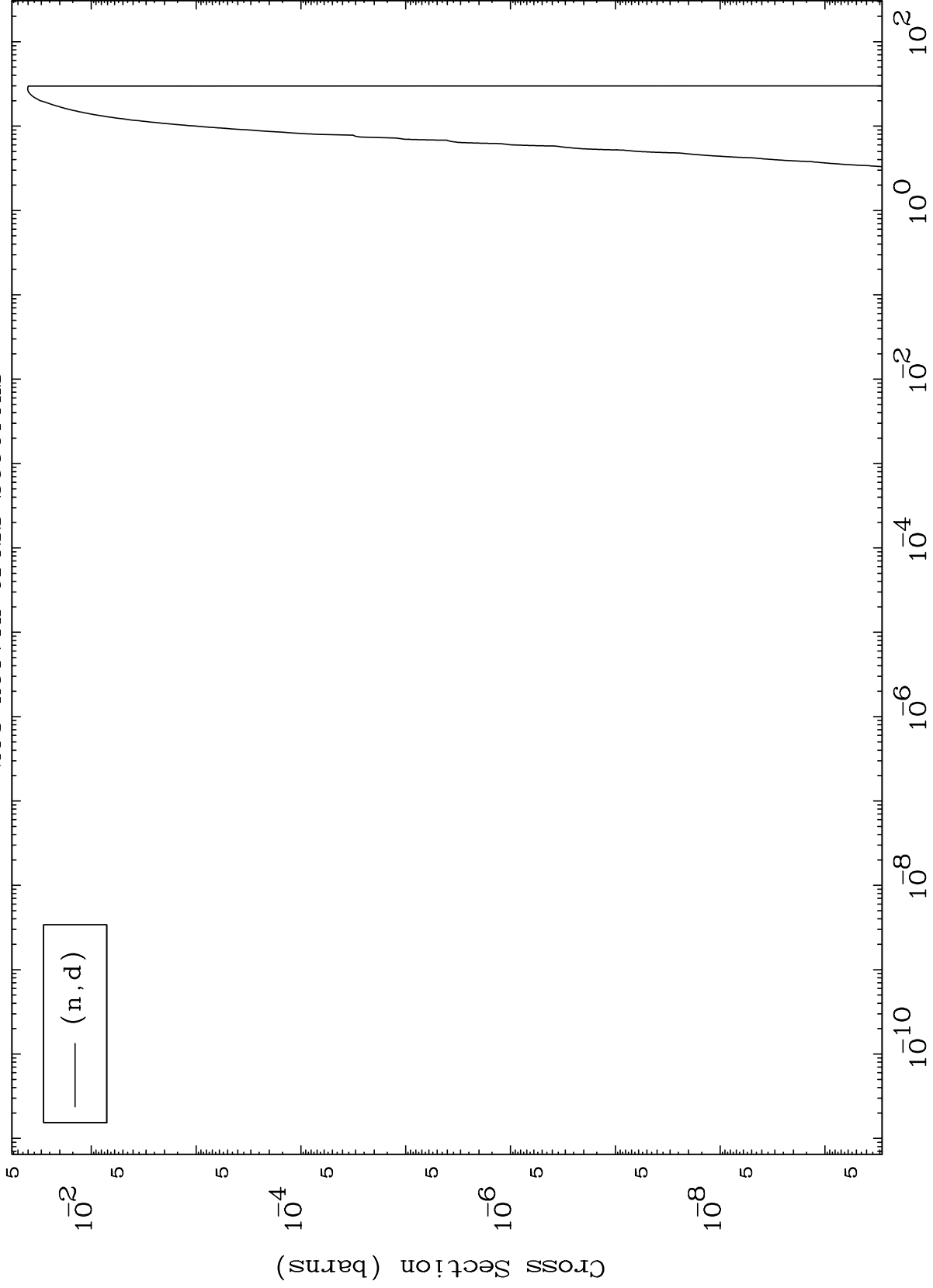
Incident Energy (MeV)

81-Tl-186

MAT 8074

(n,d) Levels  
293 Kelvin Cross Sections

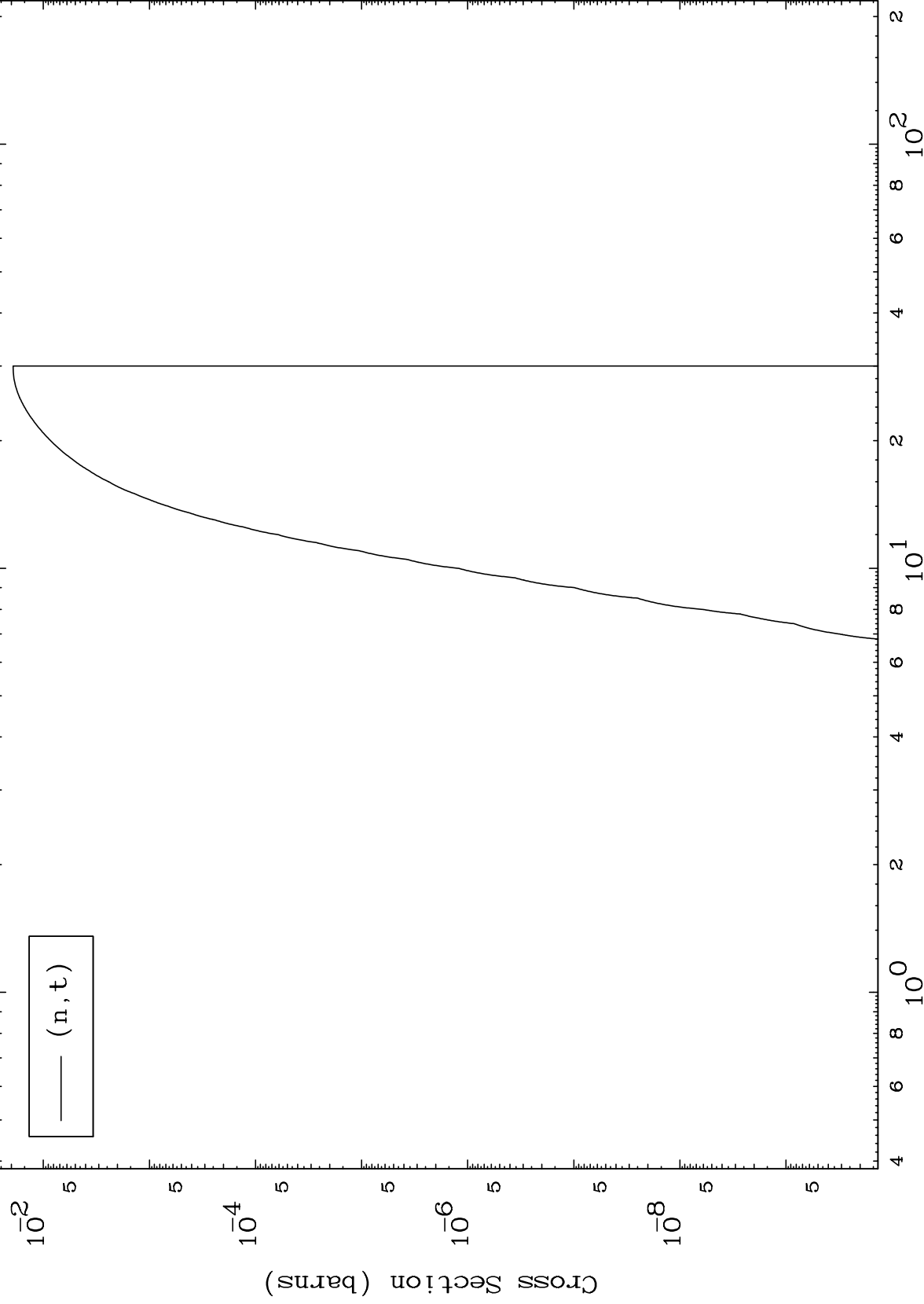
81-Tl-186



MAT 8074

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-186



12

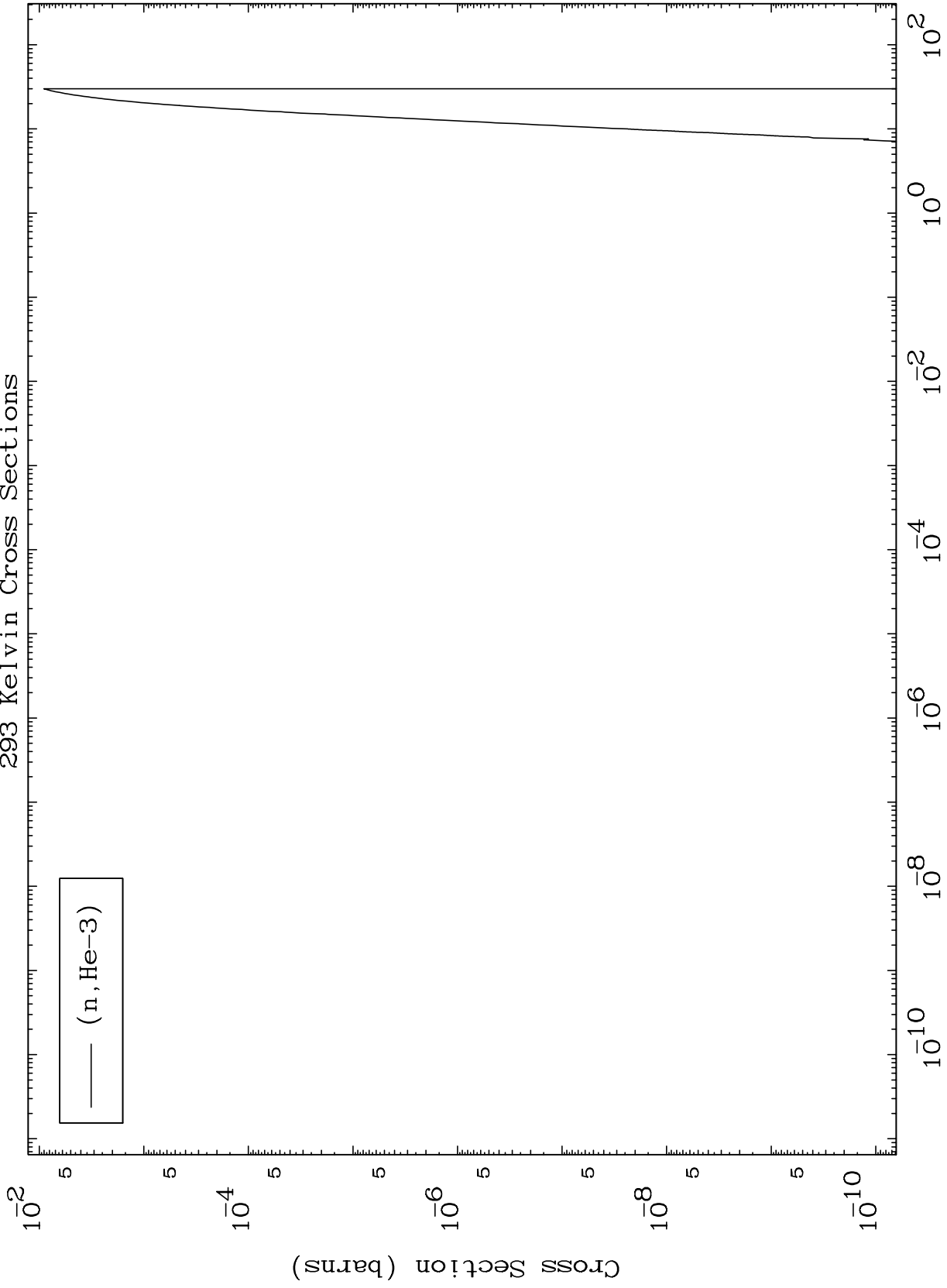
Incident Energy (MeV)

81-Tl-186

MAT 8074

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-186



13

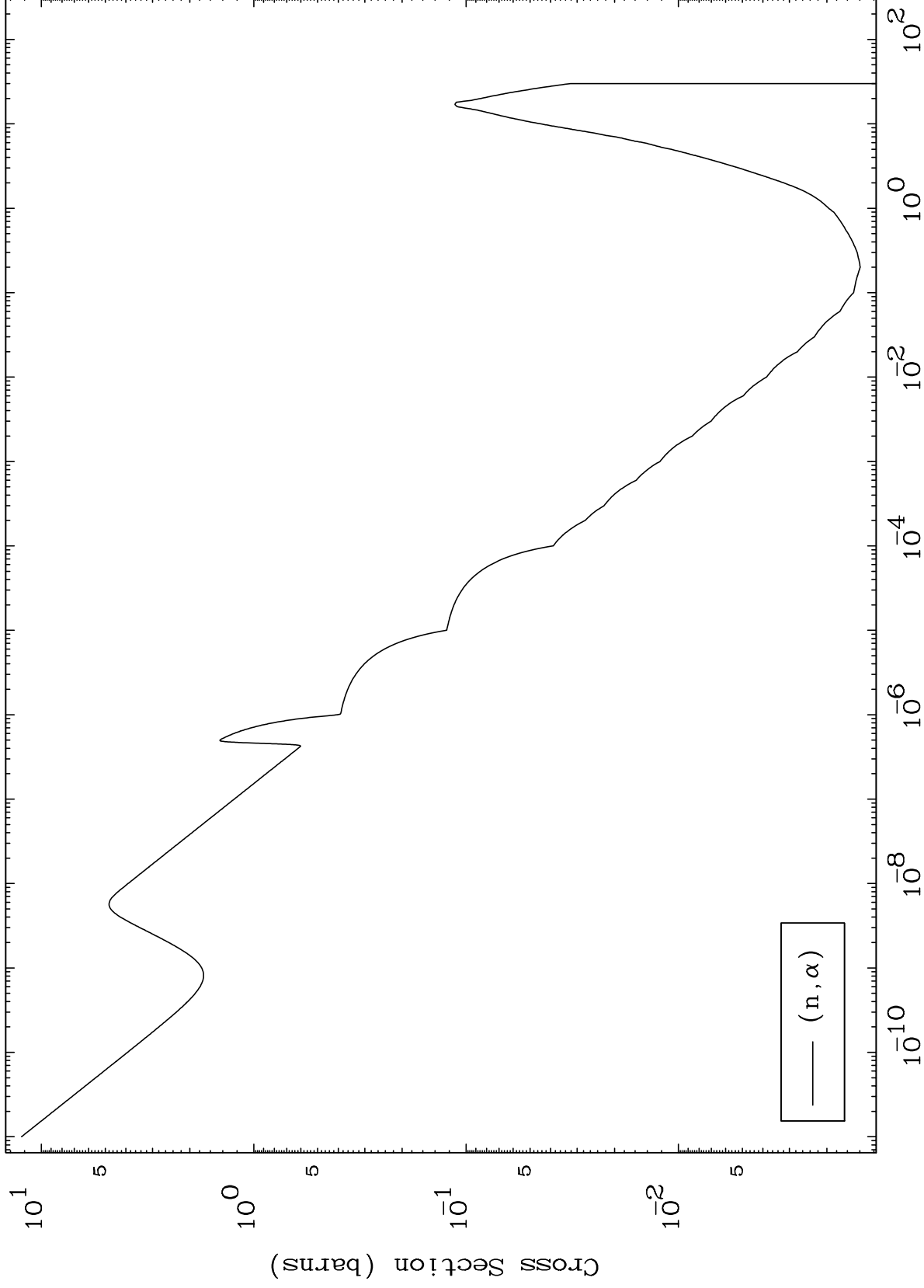
Incident Energy (MeV)

81-T1-186

MAT 8074

(n,α) Levels  
293 Kelvin Cross Sections

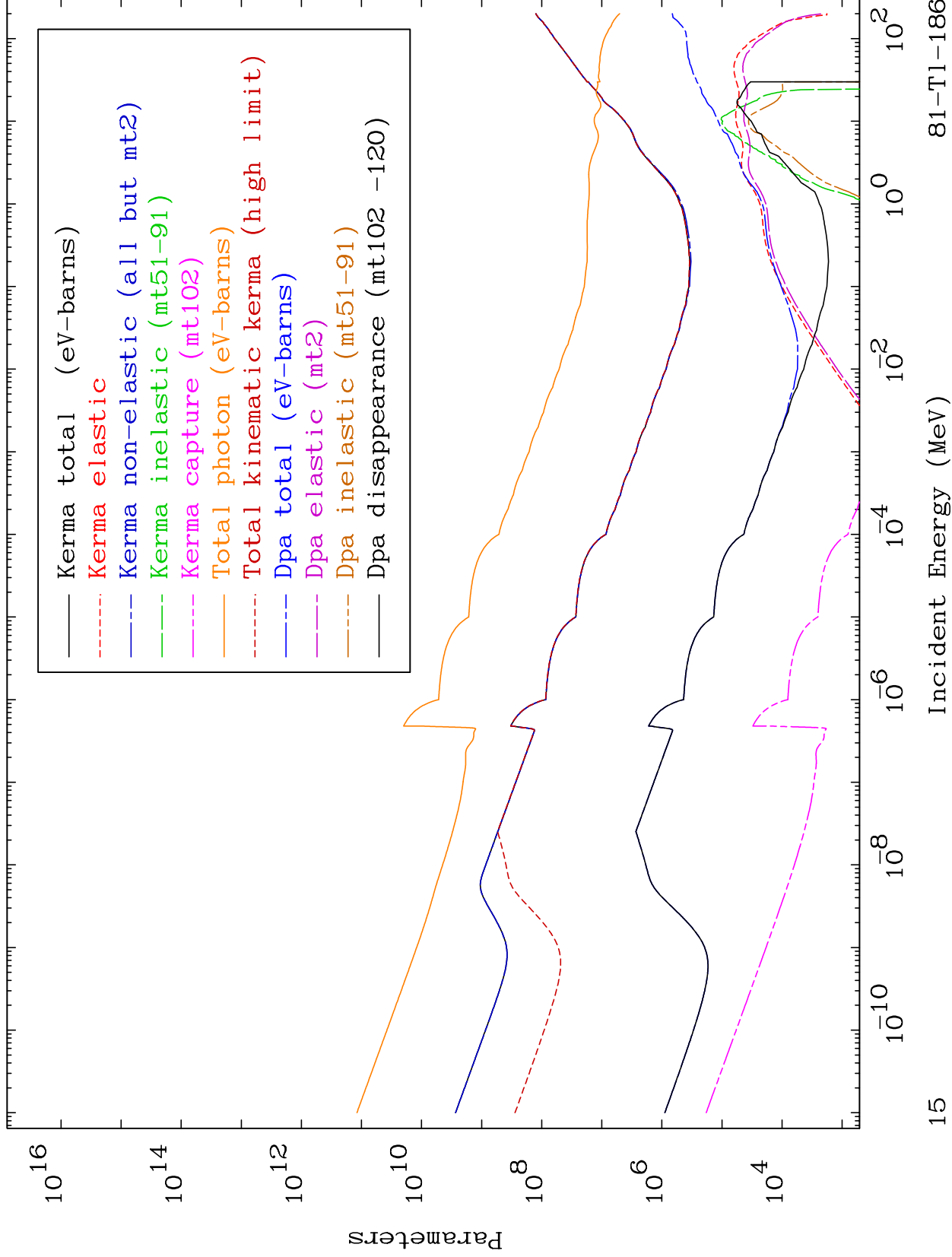
81-Tl-186



14

Incident Energy (MeV)

81-Tl-186

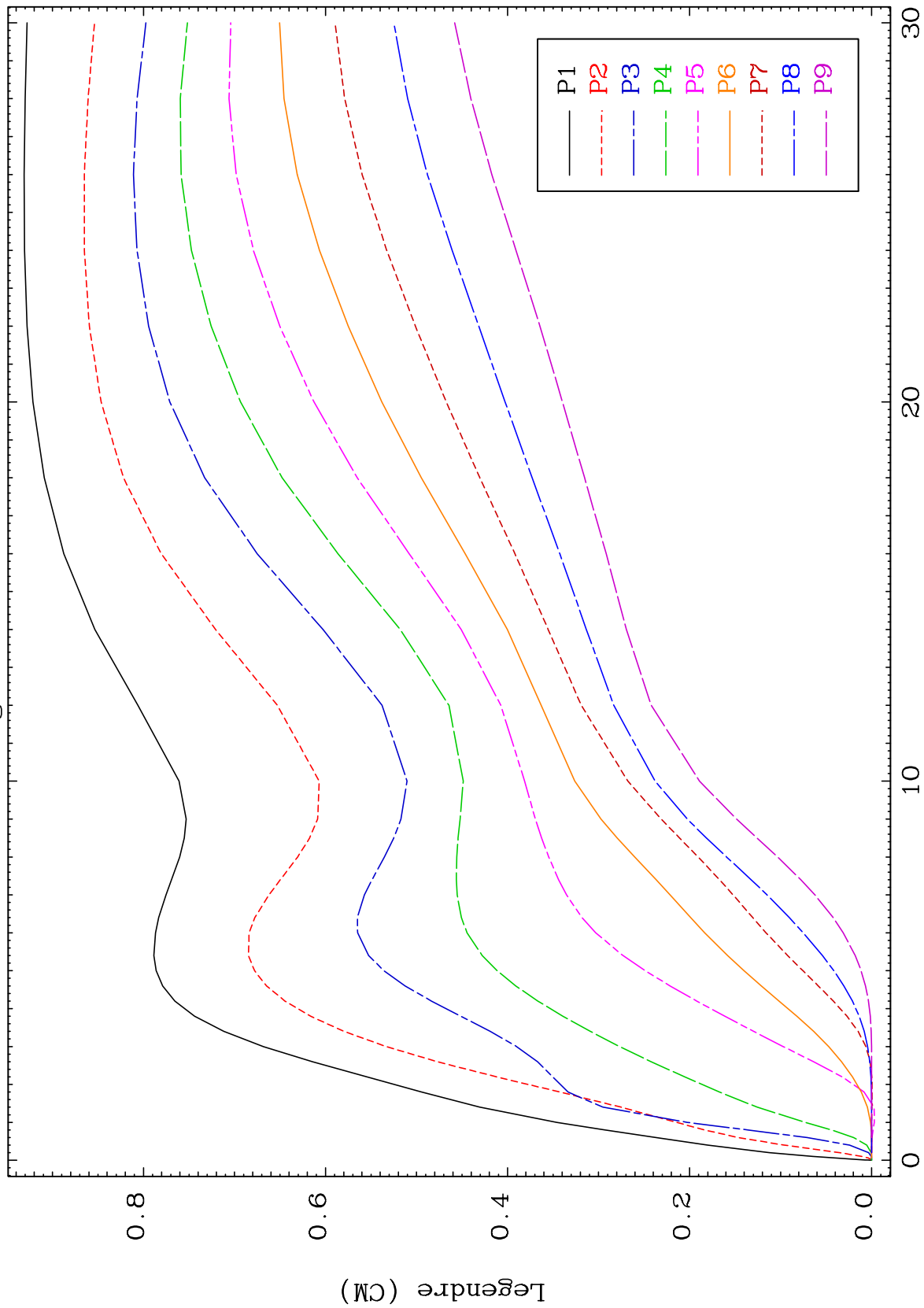




MAT 8074

Elastic Legendre Coefficients

81-Tl-186



16

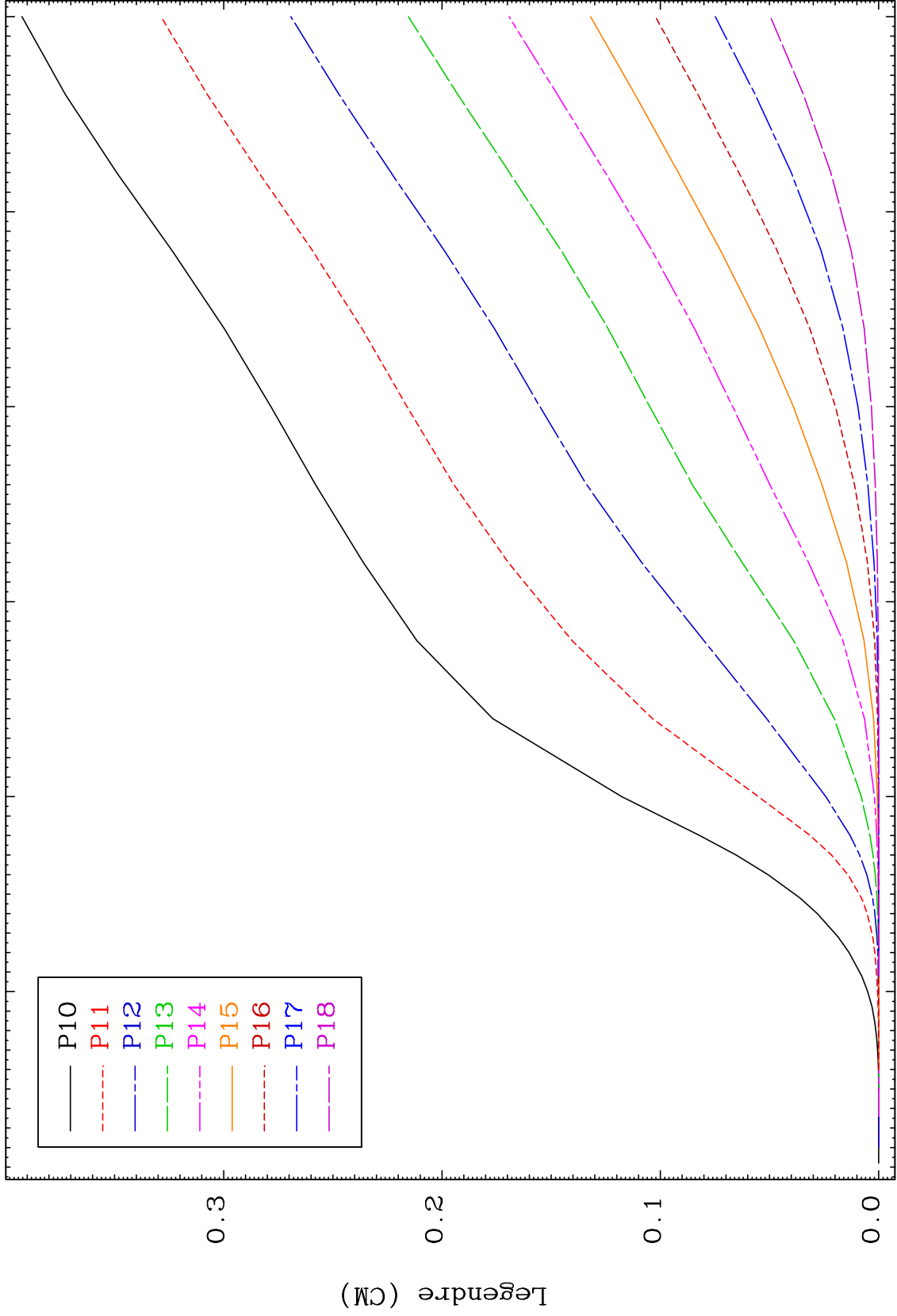
Incident Energy (MeV)

81-Tl-186

MAT 8074

Elastic Legendre Coefficients

81-Tl-186



17

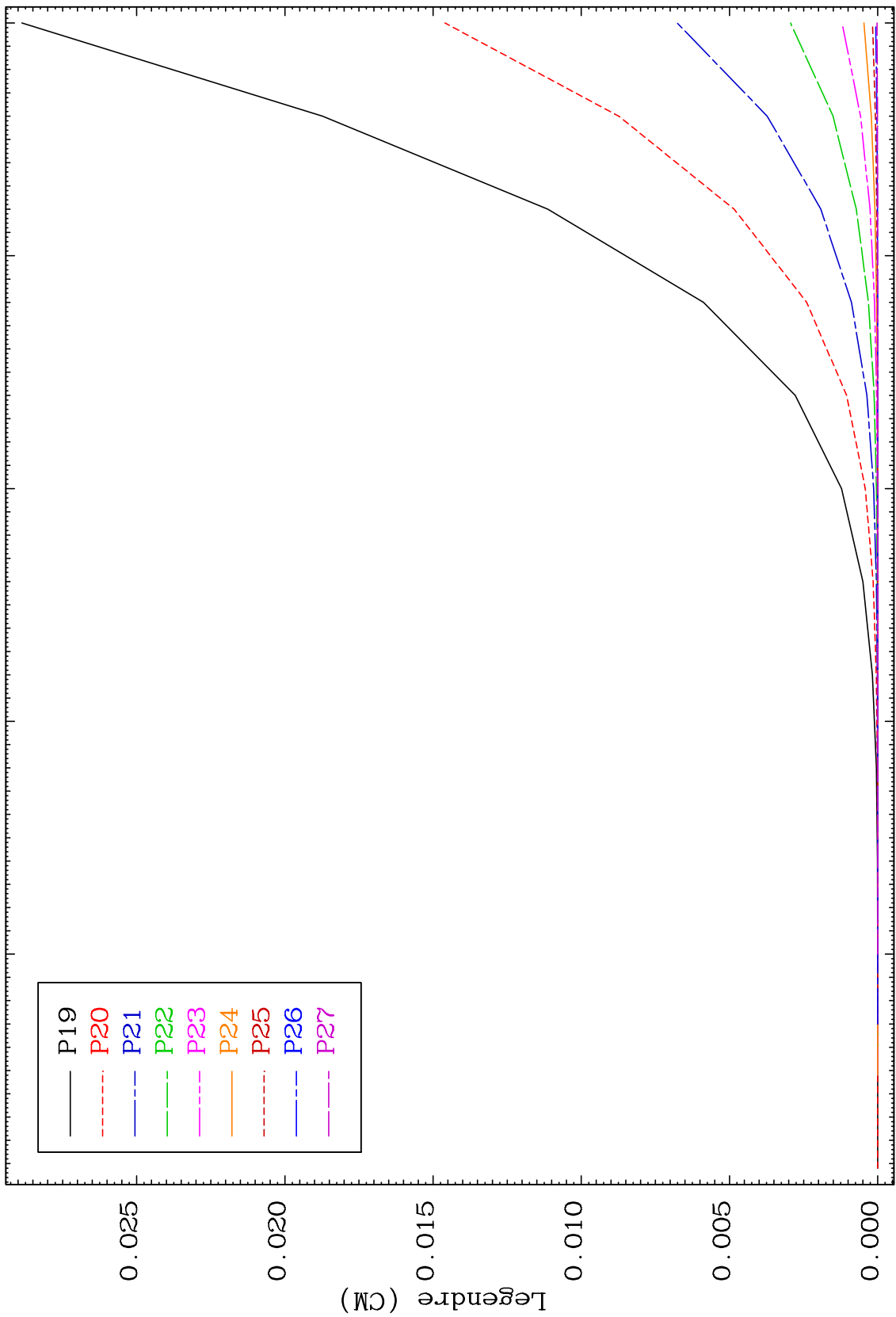
Incident Energy (MeV)

81-Tl-186

MAT 8074

### Elastic Legendre Coefficients

81-Tl-186



18

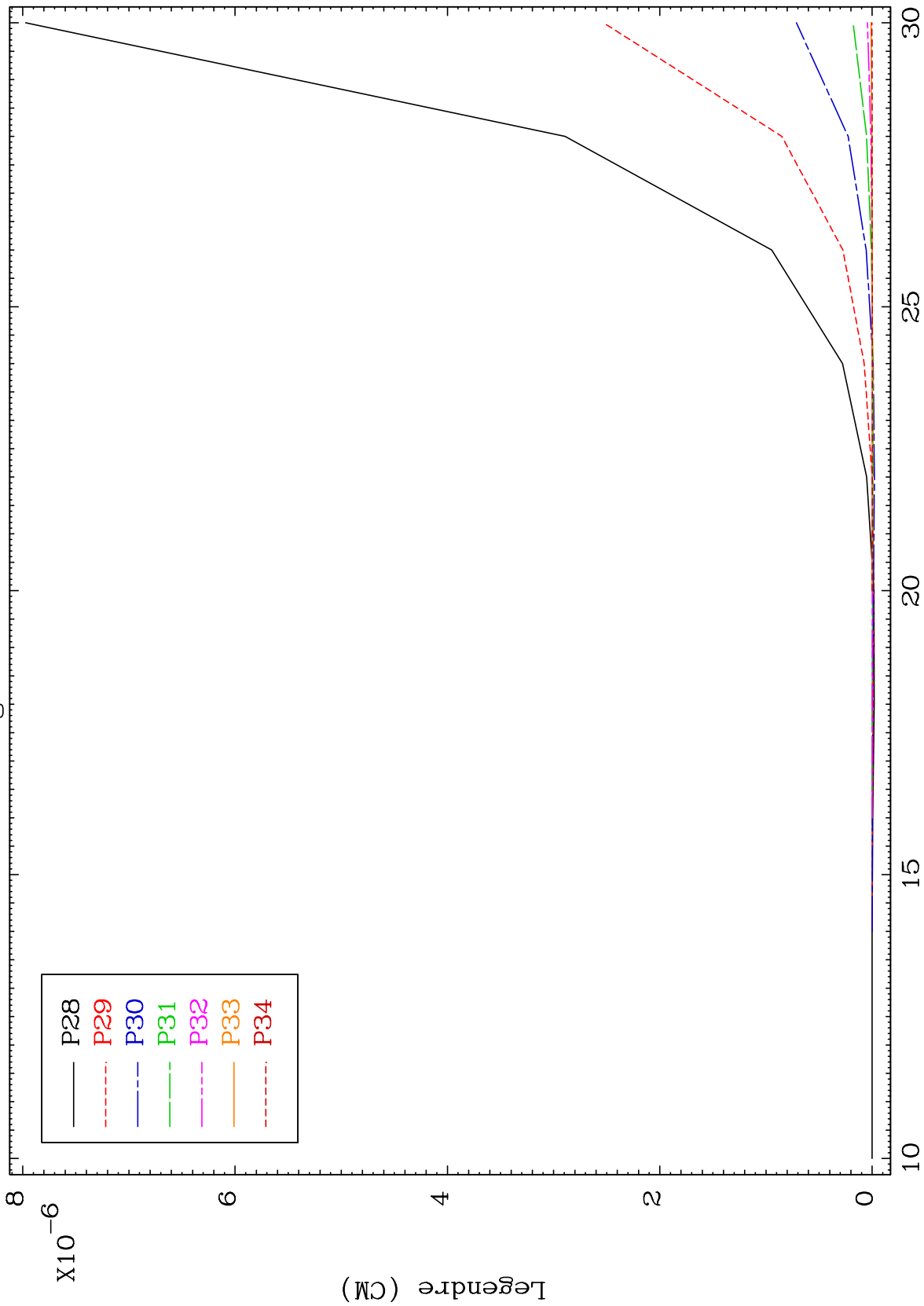
Incident Energy (MeV)

81-Tl-186

MAT 8074

Elastic  
Legendre Coefficients

81-T1-186



19

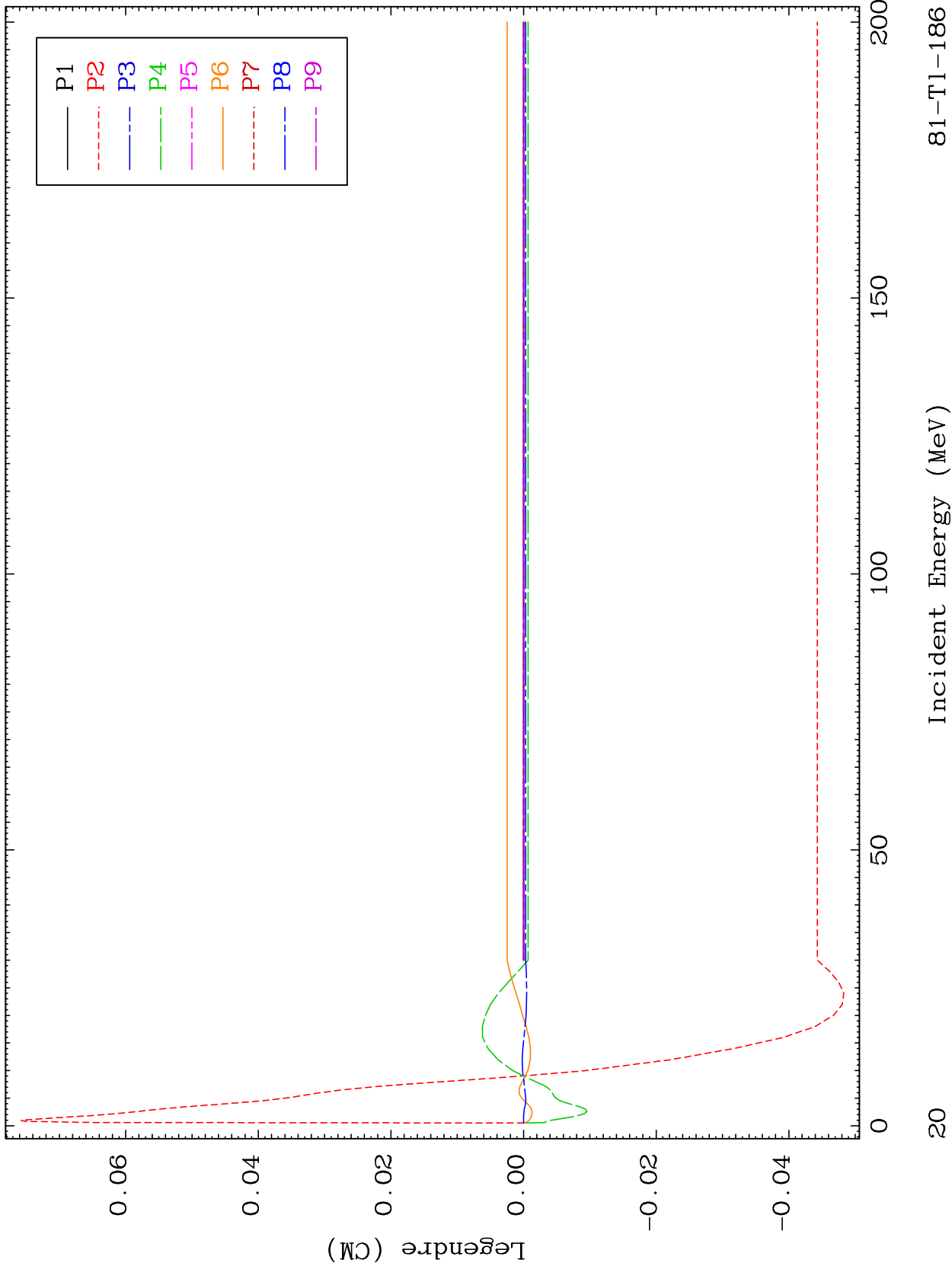
Incident Energy (MeV)

81-T1-186

MAT 8074

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

81-Tl-186

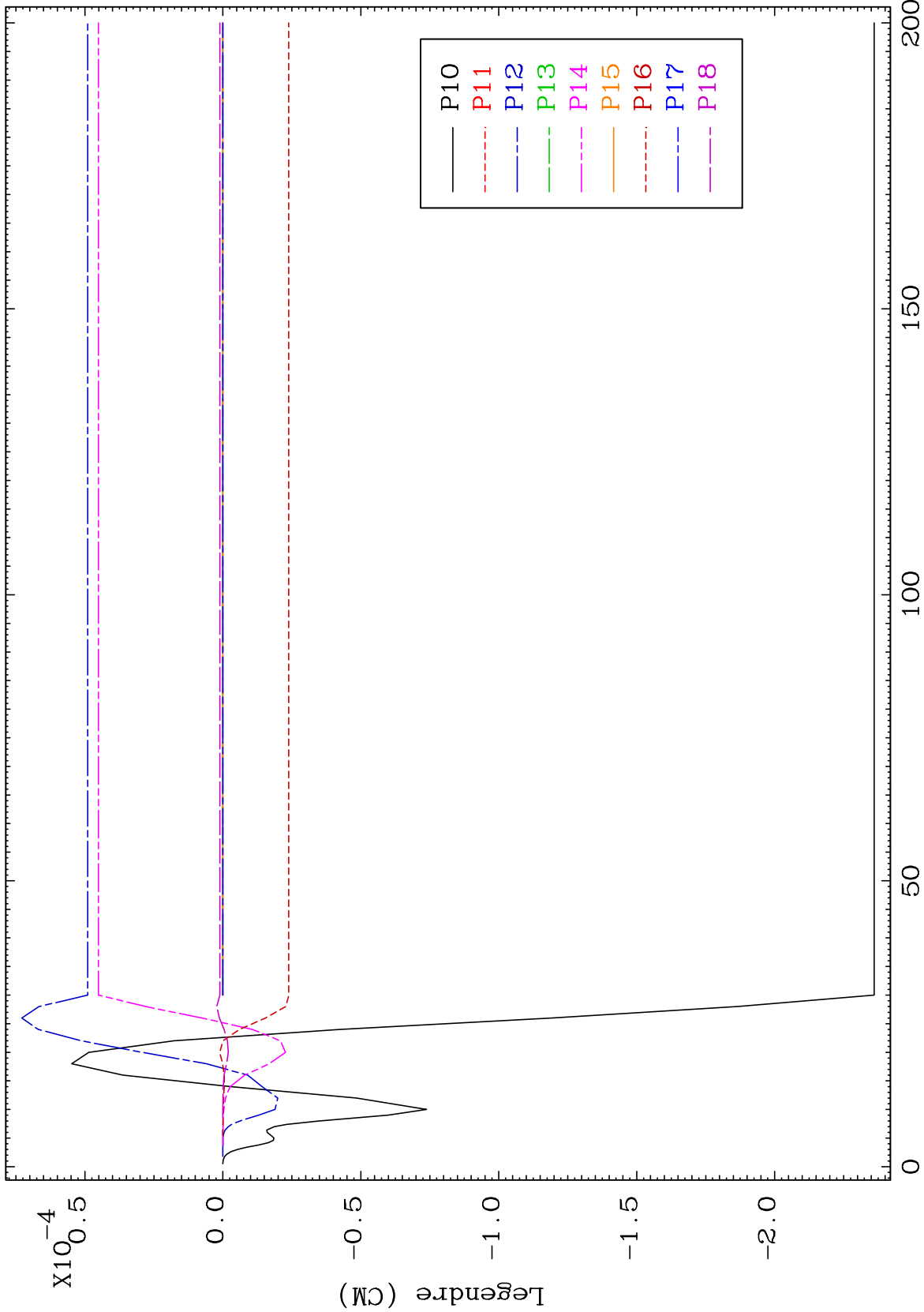


81-Tl-186

MAT 8074

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

81-Tl-186



21

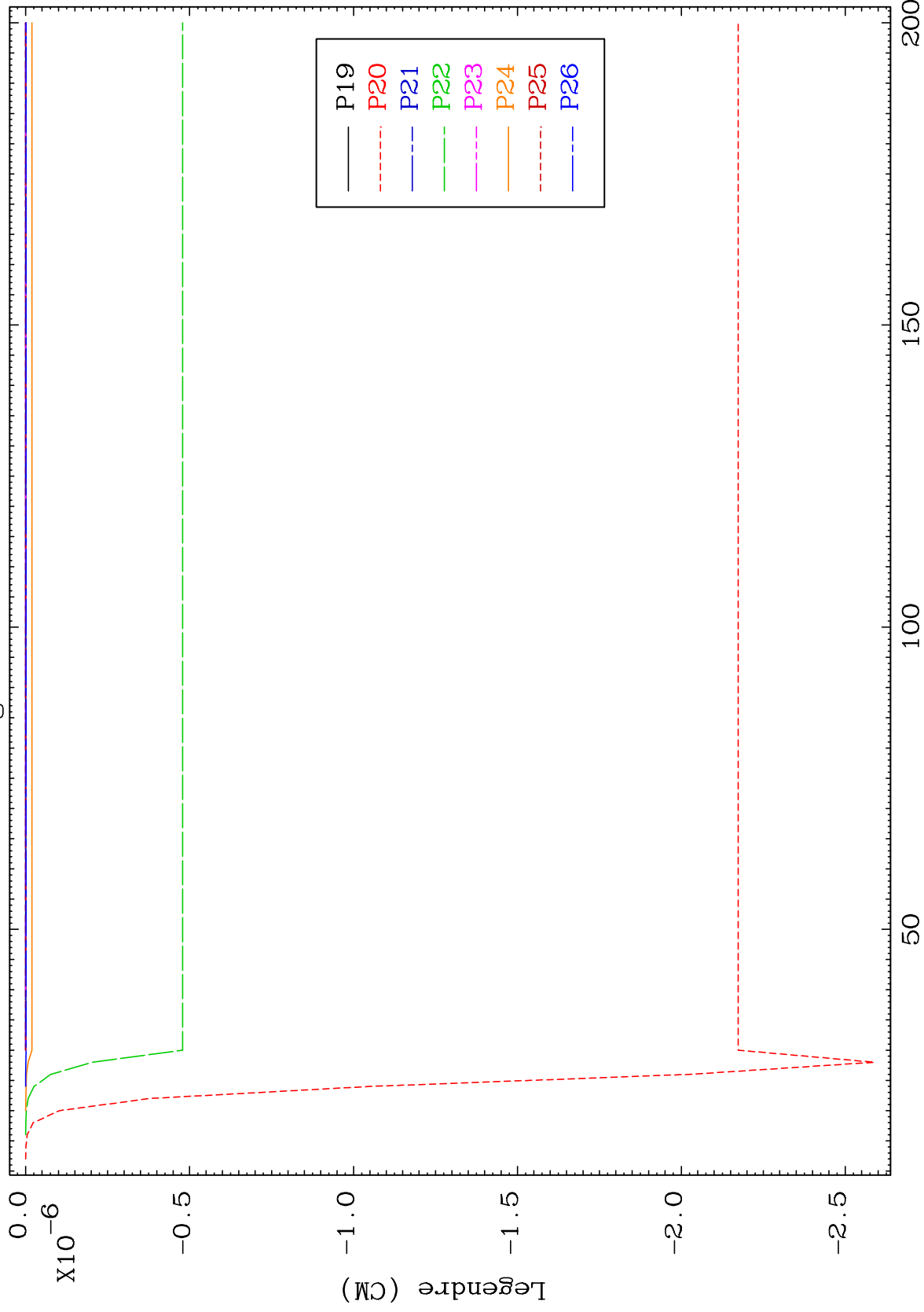
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

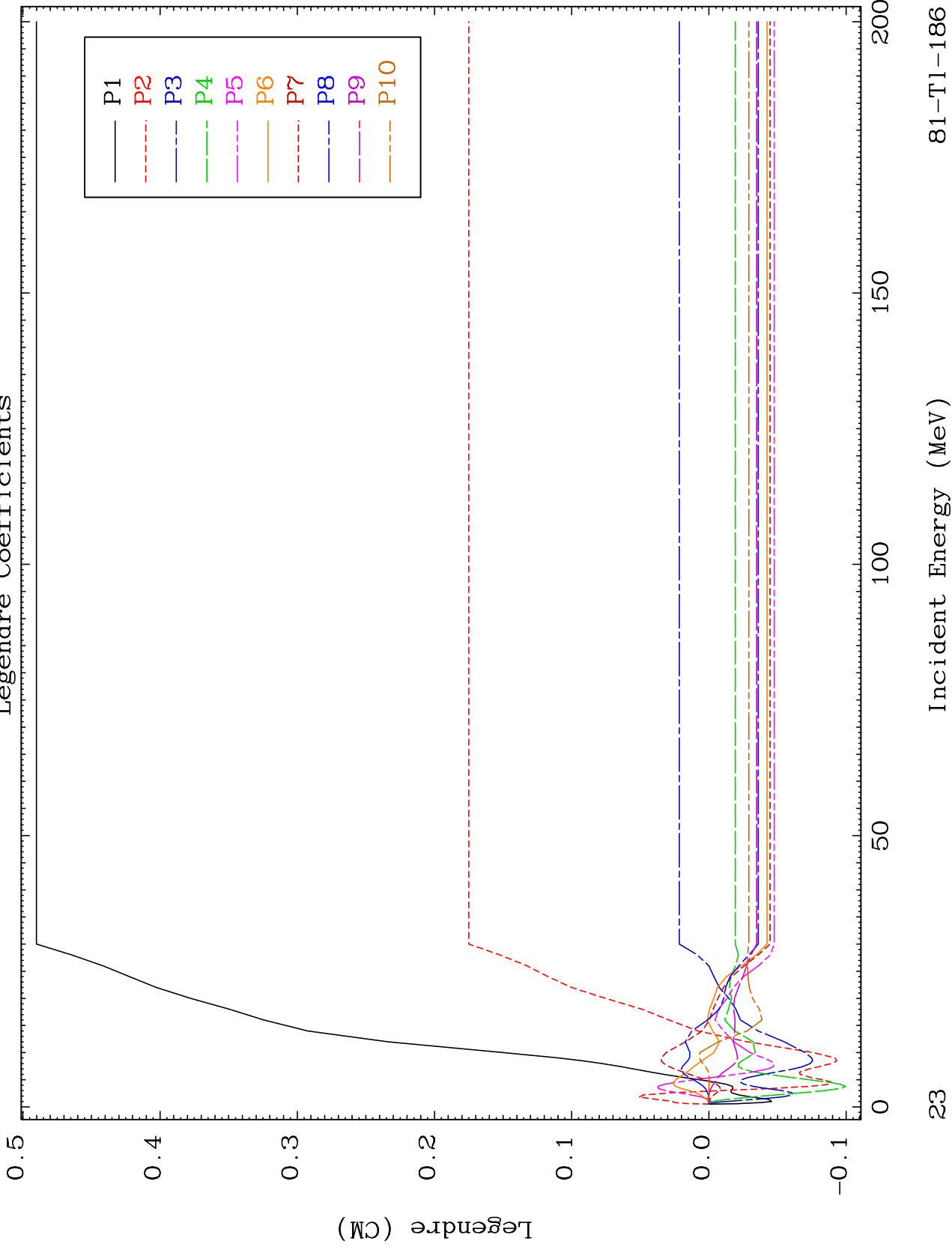
81-Tl-186



MAT 8074

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

81-Tl-186



81-Tl-186

Incident Energy (MeV)

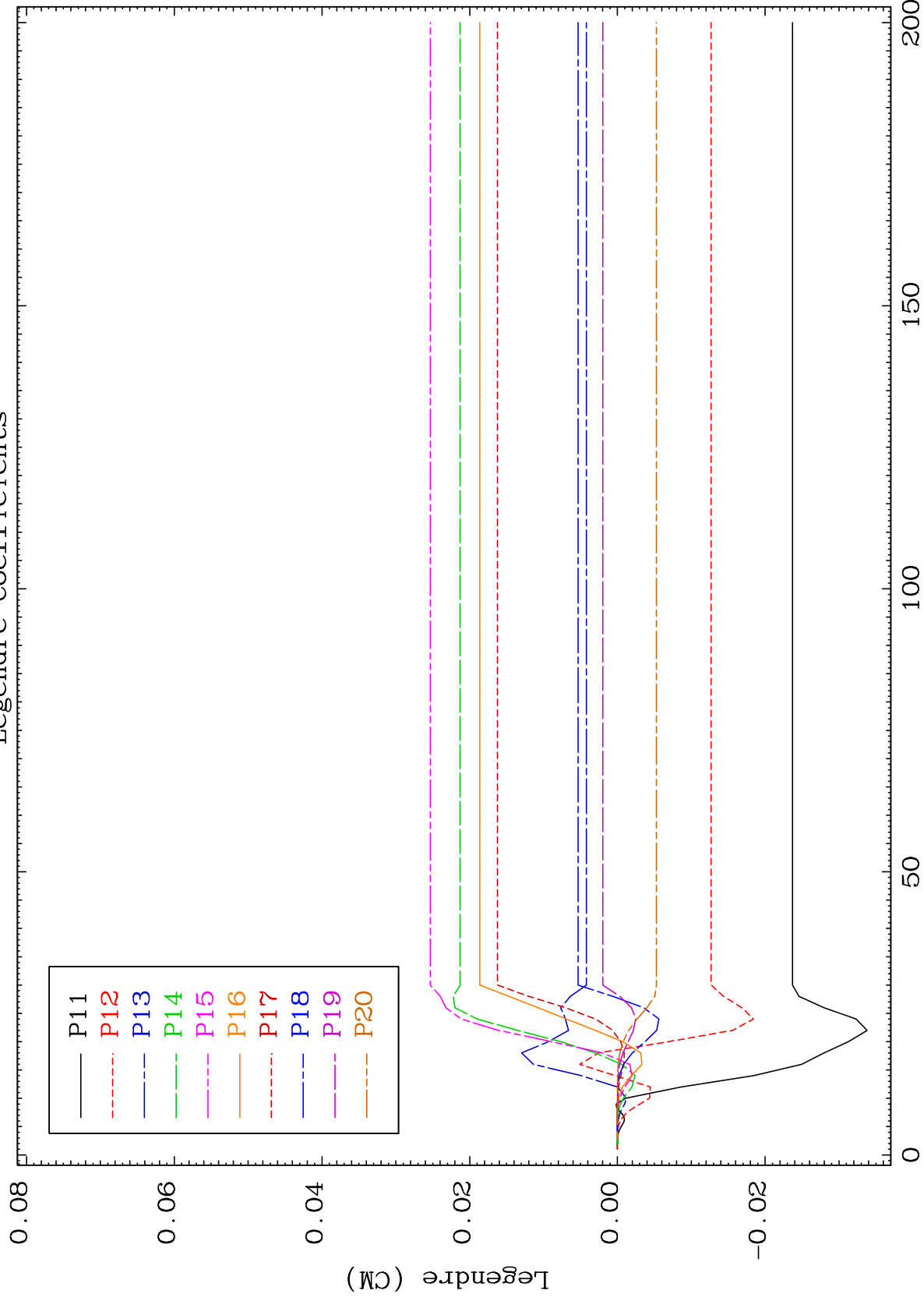
23



MAT 8074

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

81-Tl-186



24

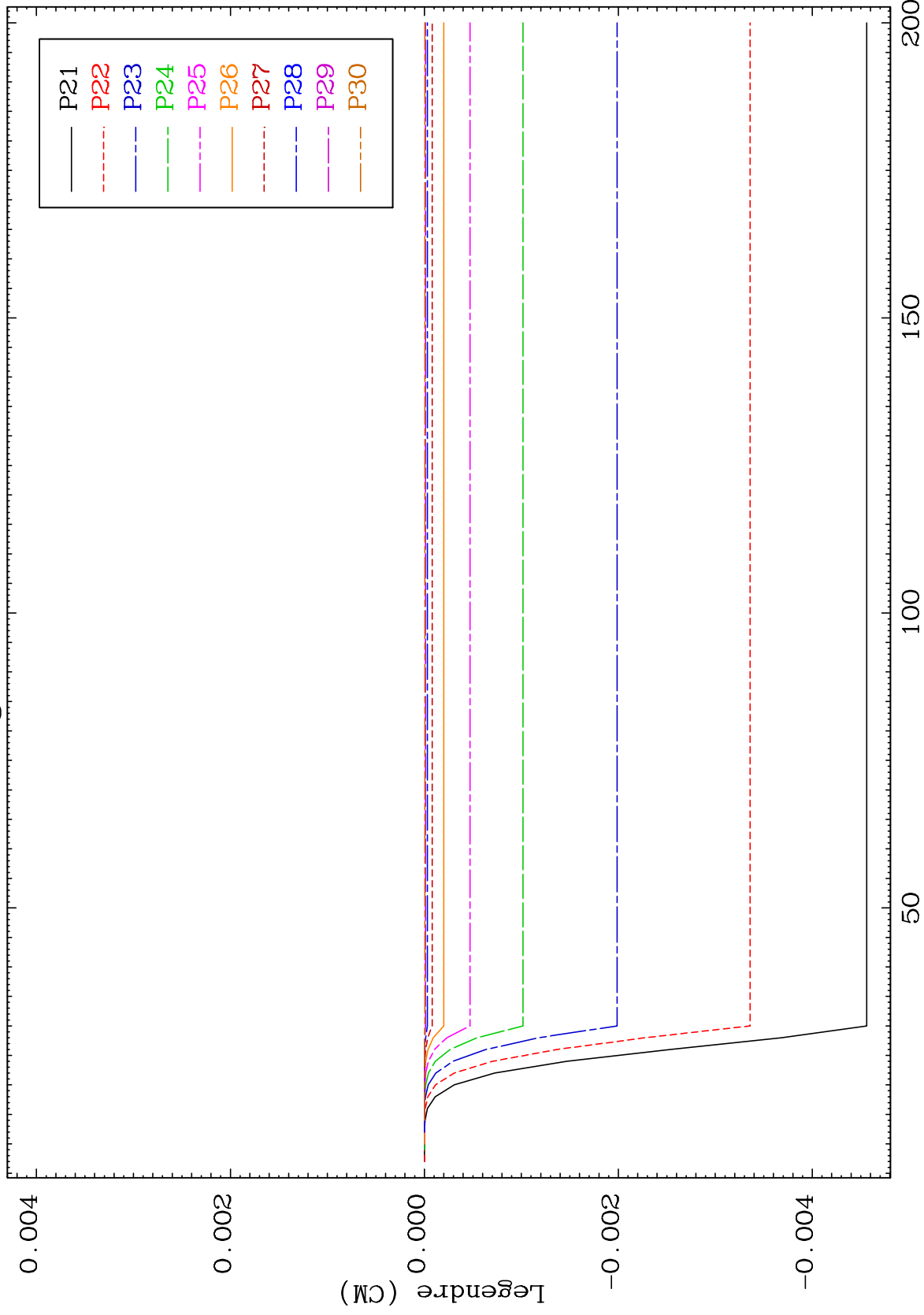
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-Tl-186



25

Incident Energy (MeV)

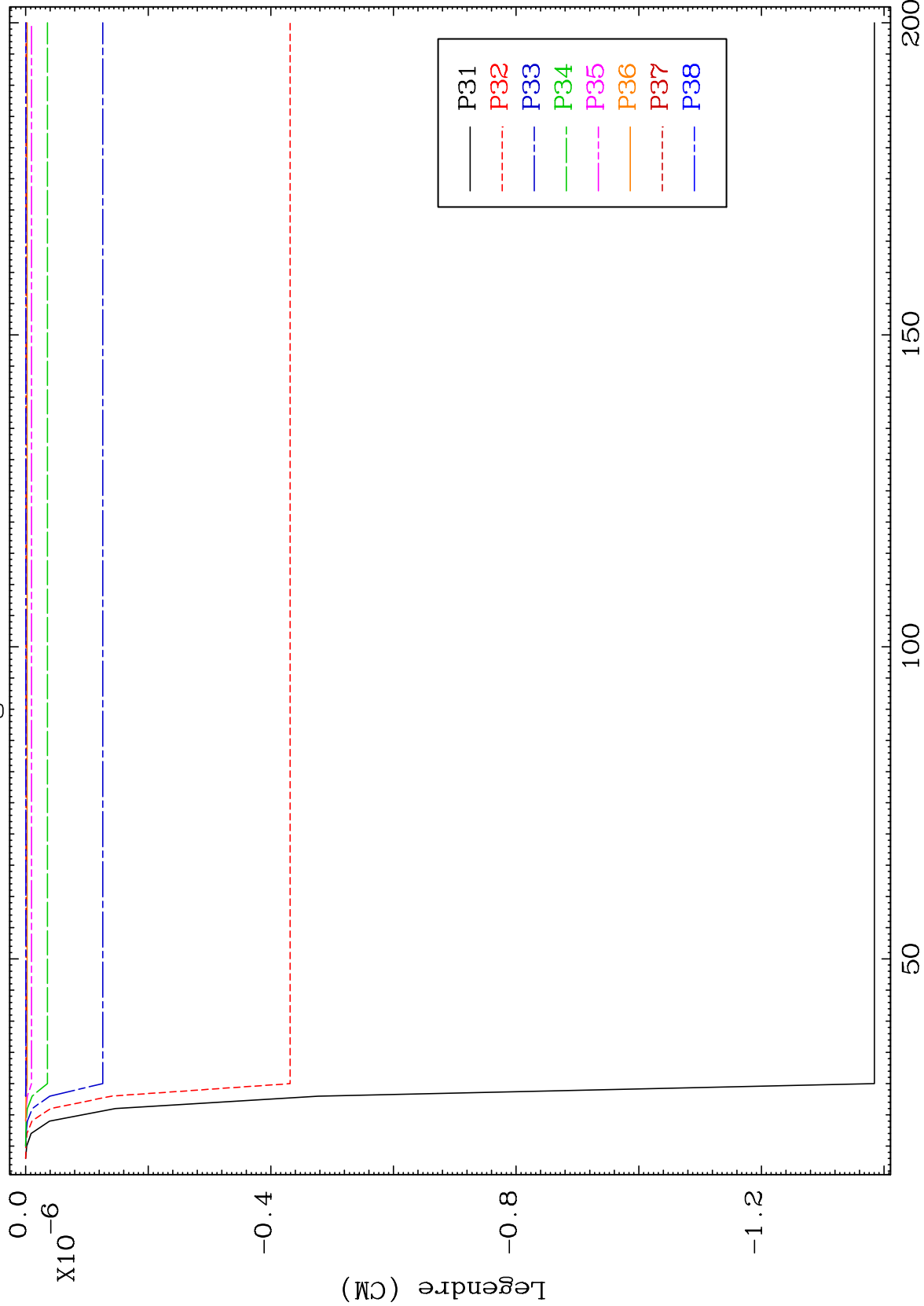
81-Tl-186

MAT 8074

MT= 52 (n,n') Level

81-Tl-186

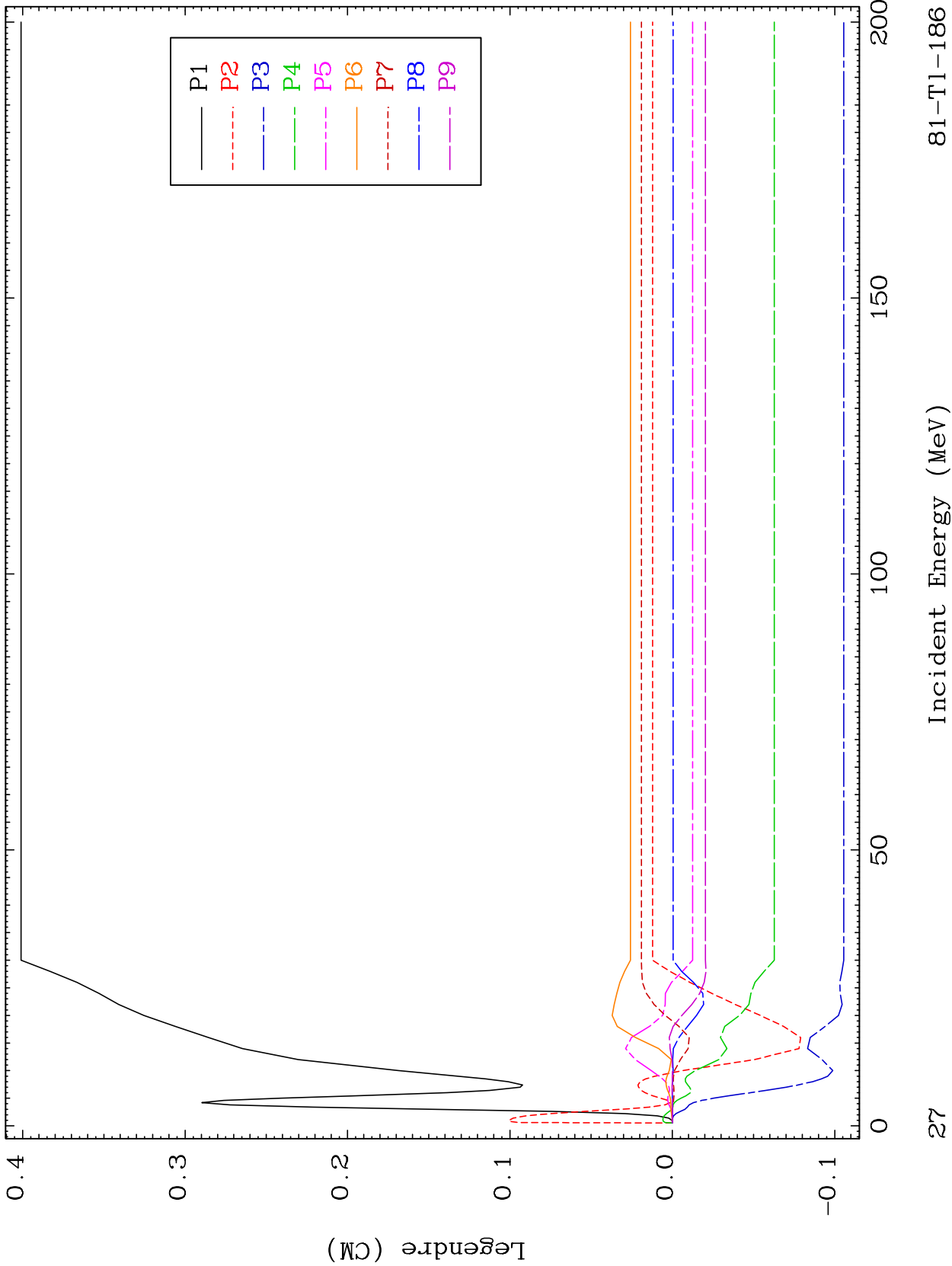
Legendre Coefficients



81-Tl-186

Incident Energy (MeV)

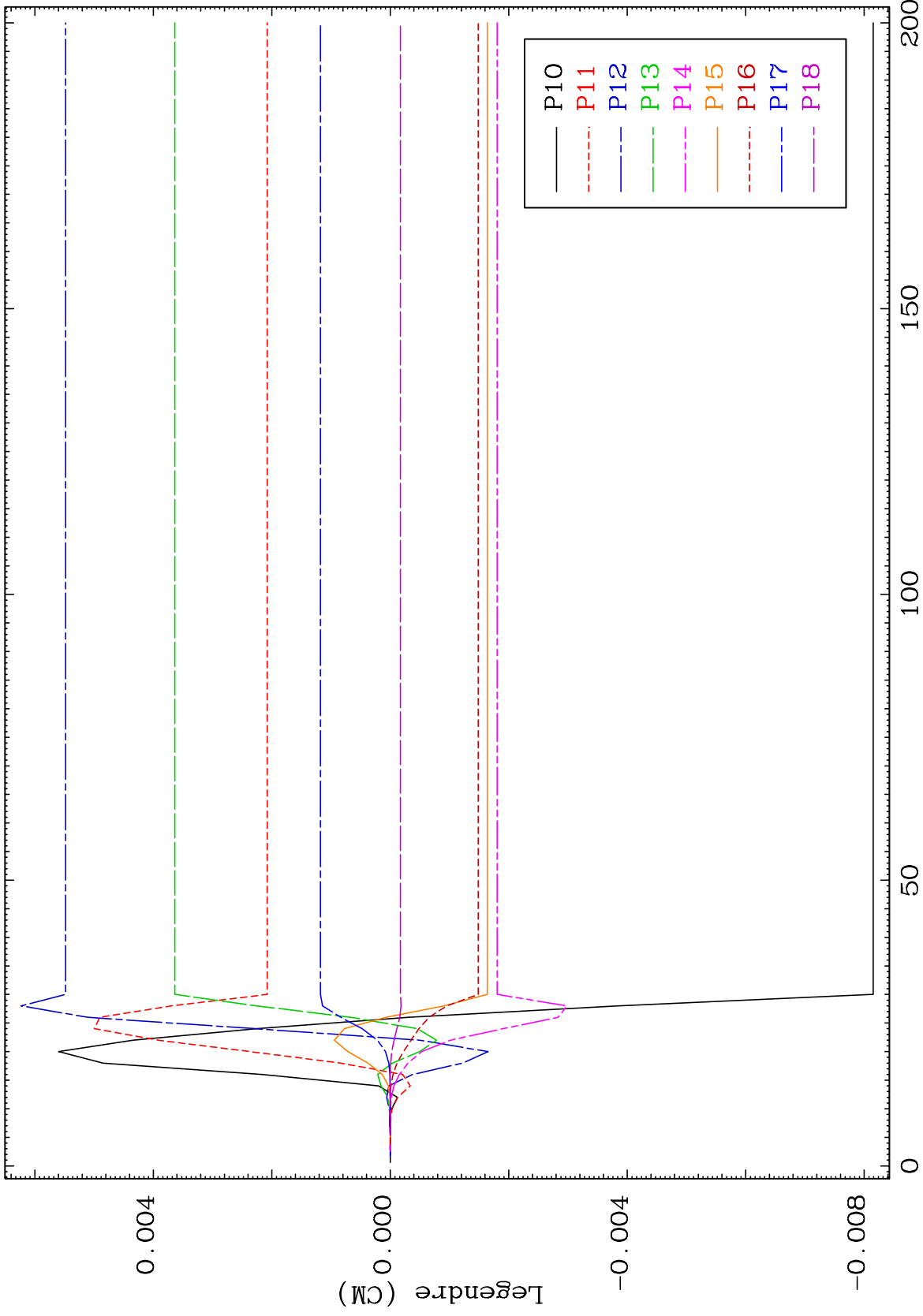
26



MAT 8074

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

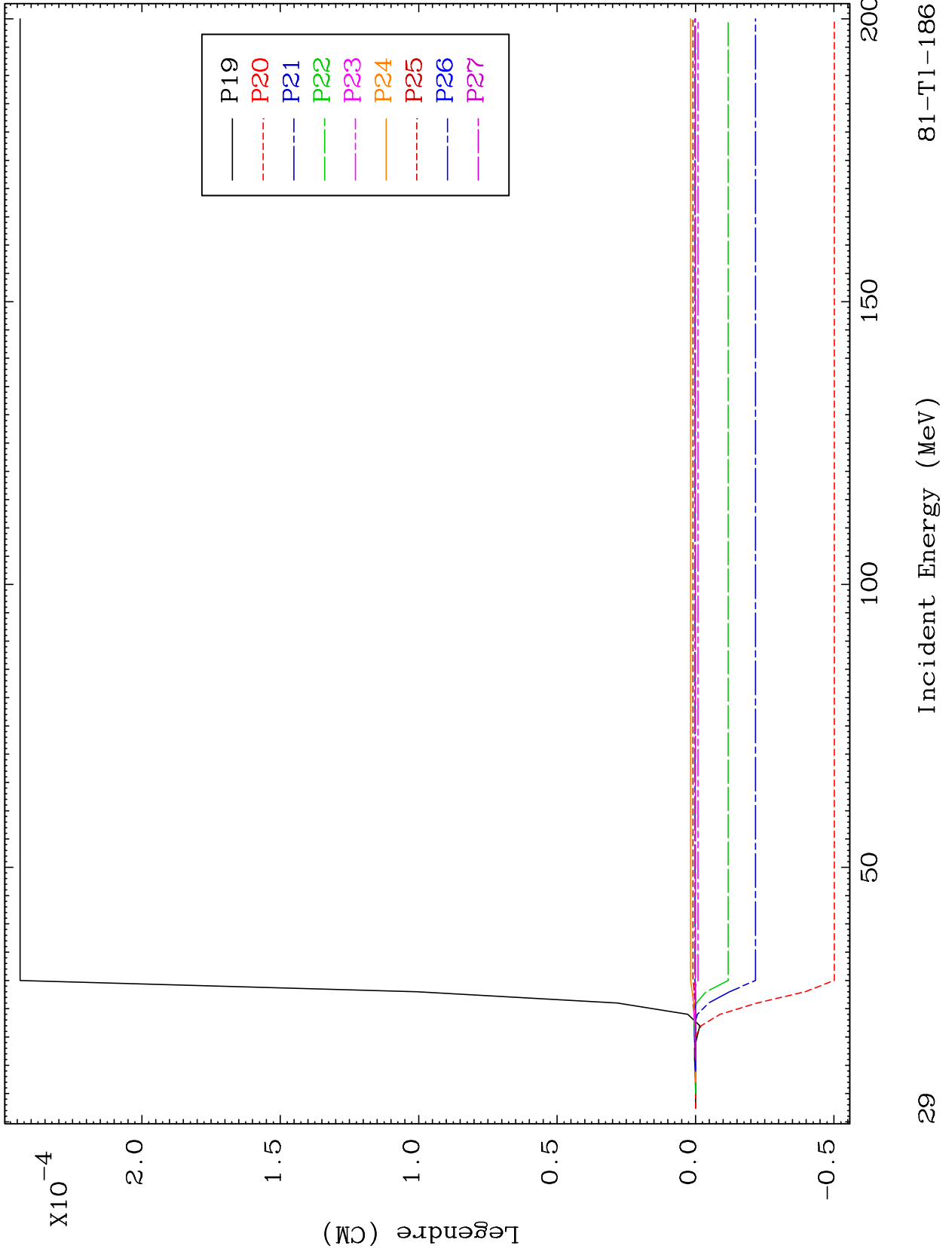
81-T1-186



28

Incident Energy (MeV)

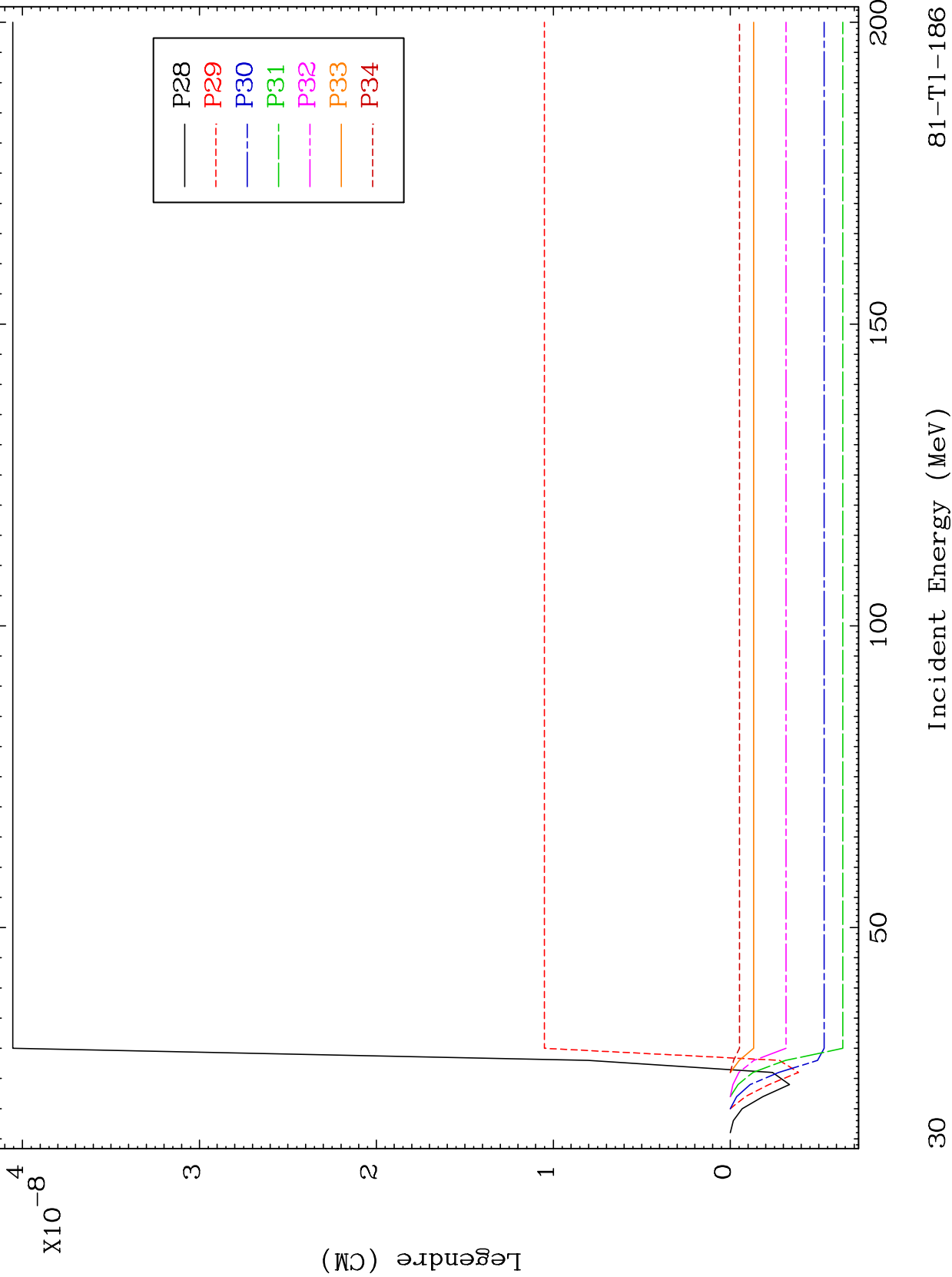
81-T1-186



MAT 8074

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

81-Tl-186



30

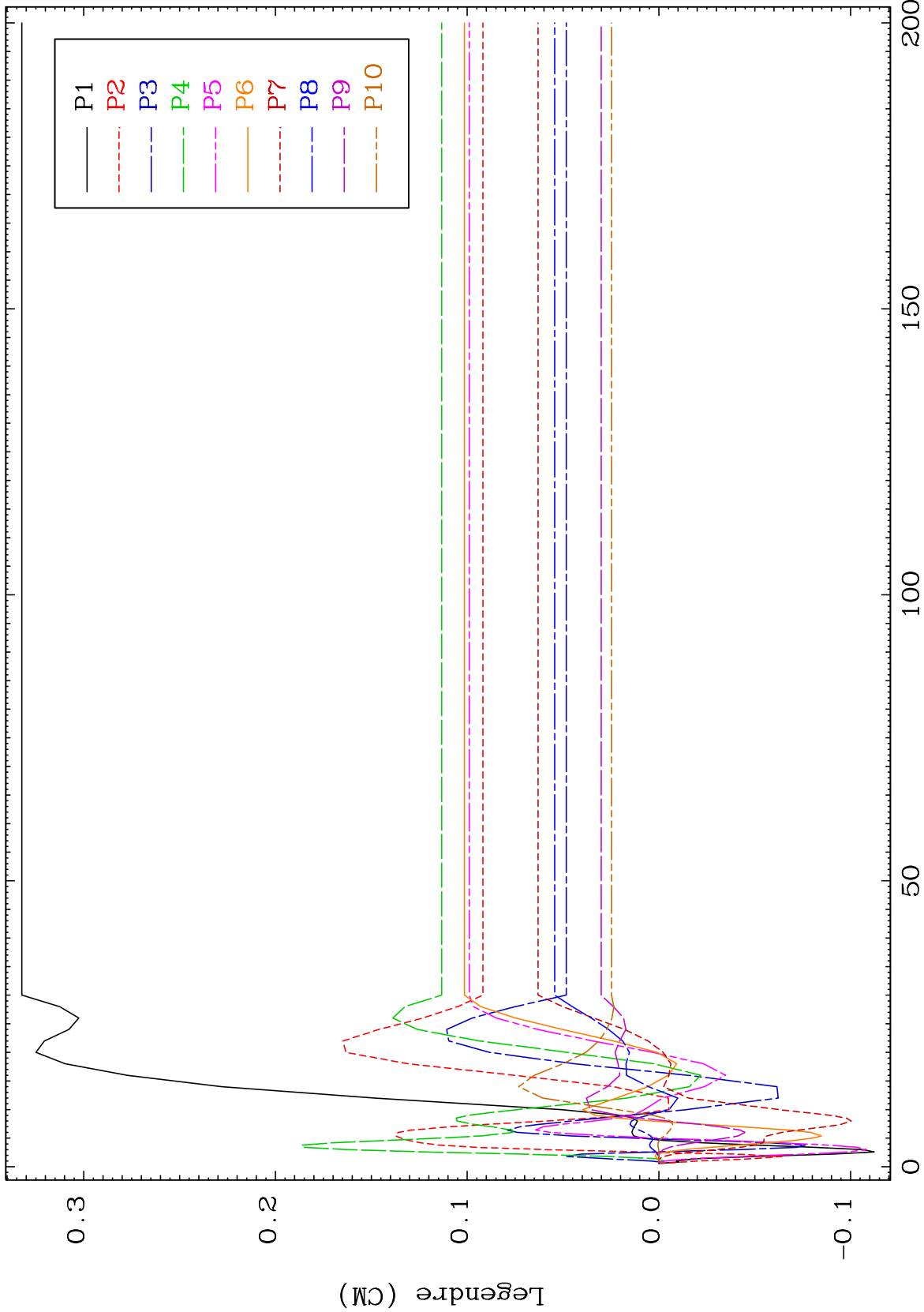
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-T1-186



31

Incident Energy (MeV)

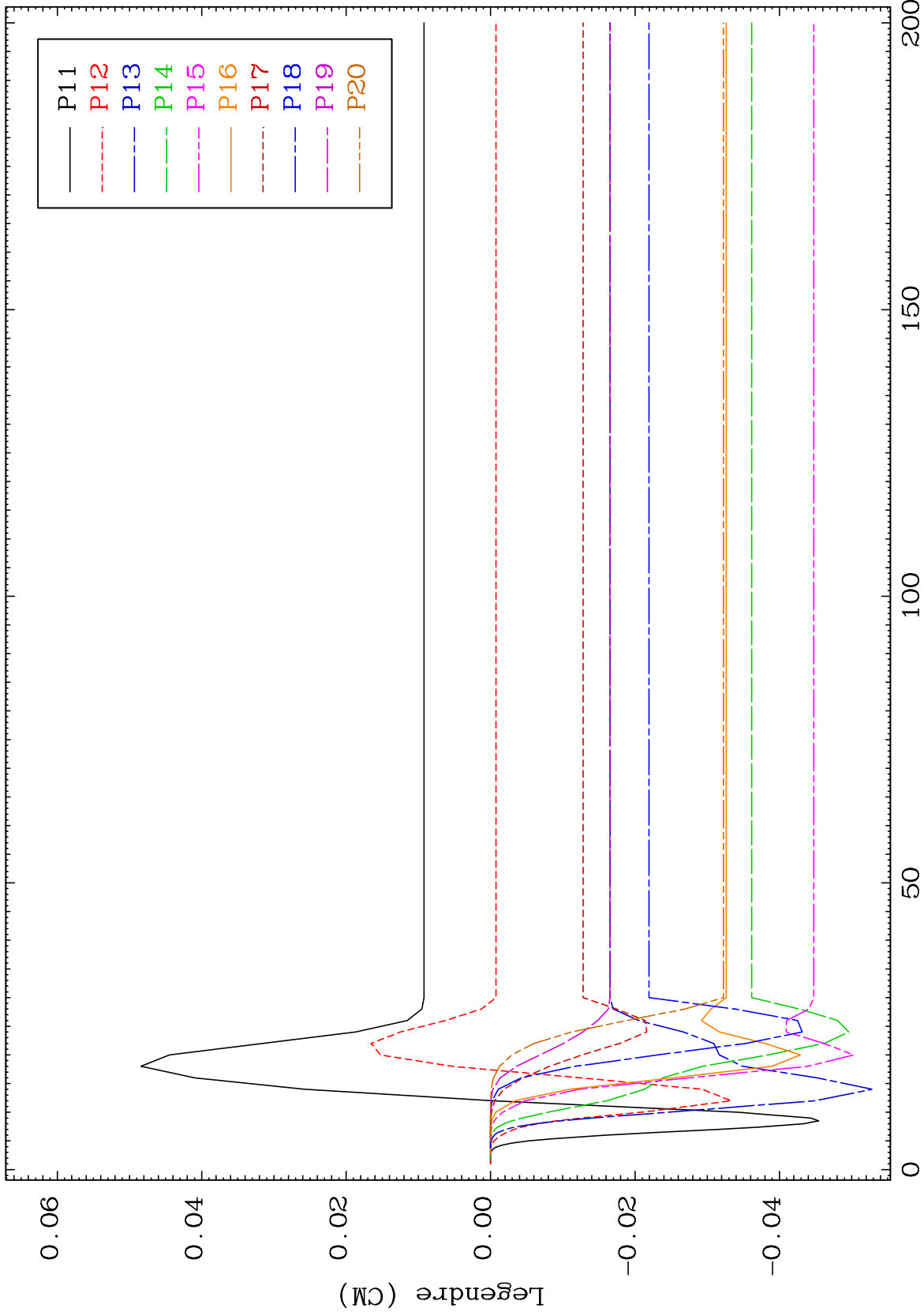
81-T1-186



MAT 8074

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

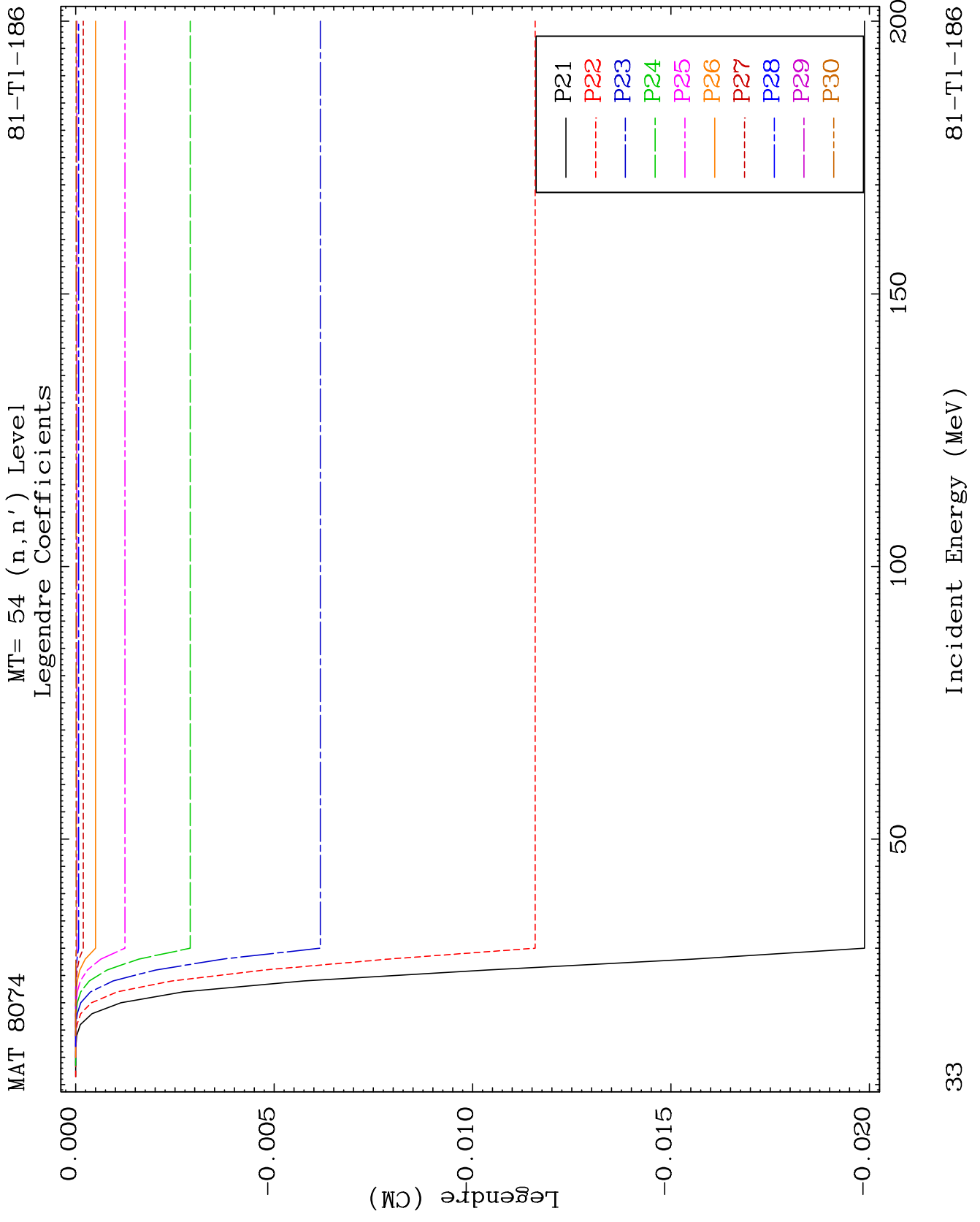
81-Tl-186



32

Incident Energy (MeV)

81-Tl-186

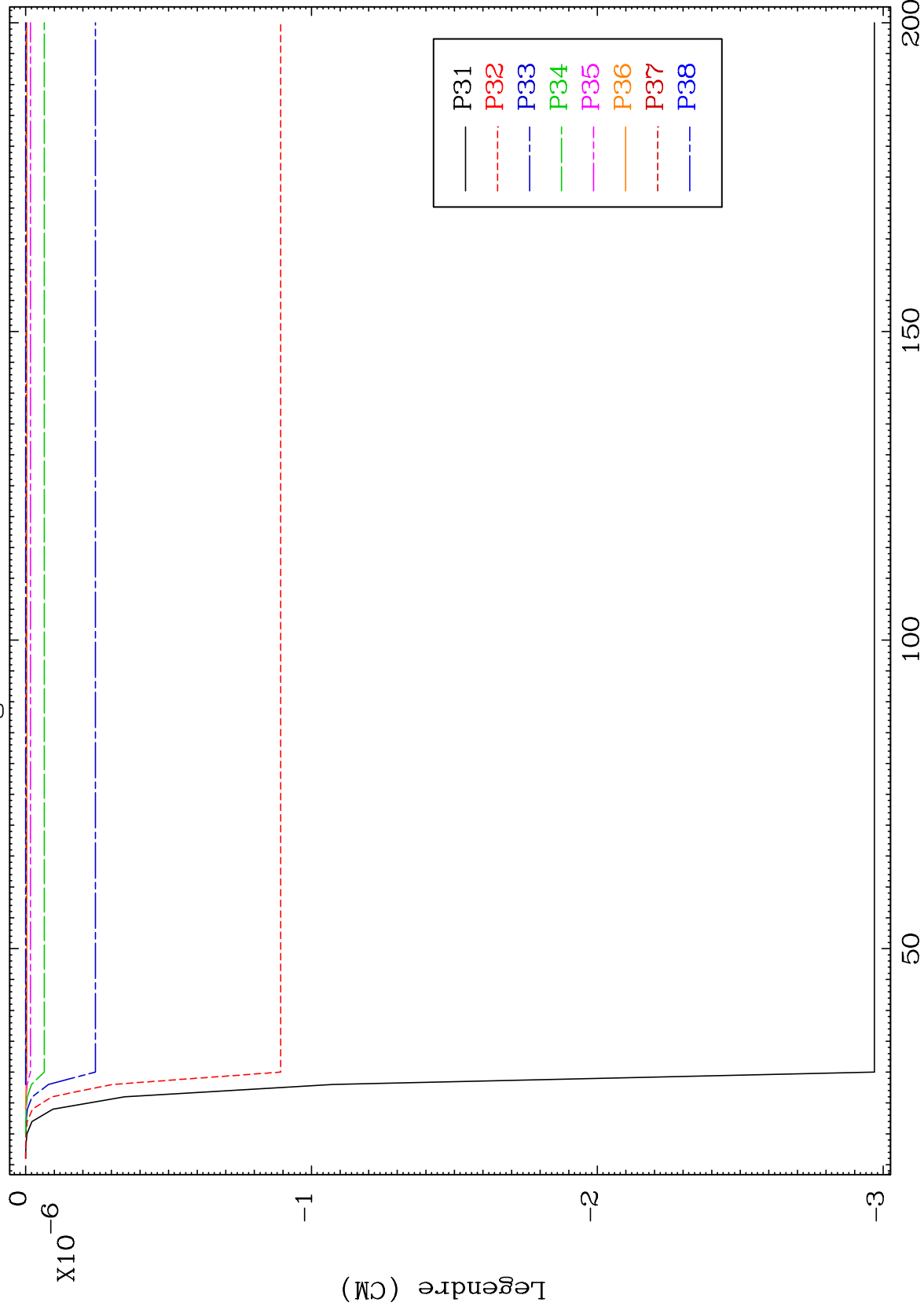


MAT 8074

MT= 54 (n,n') Level

81-Tl-186

Legendre Coefficients



81-Tl-186

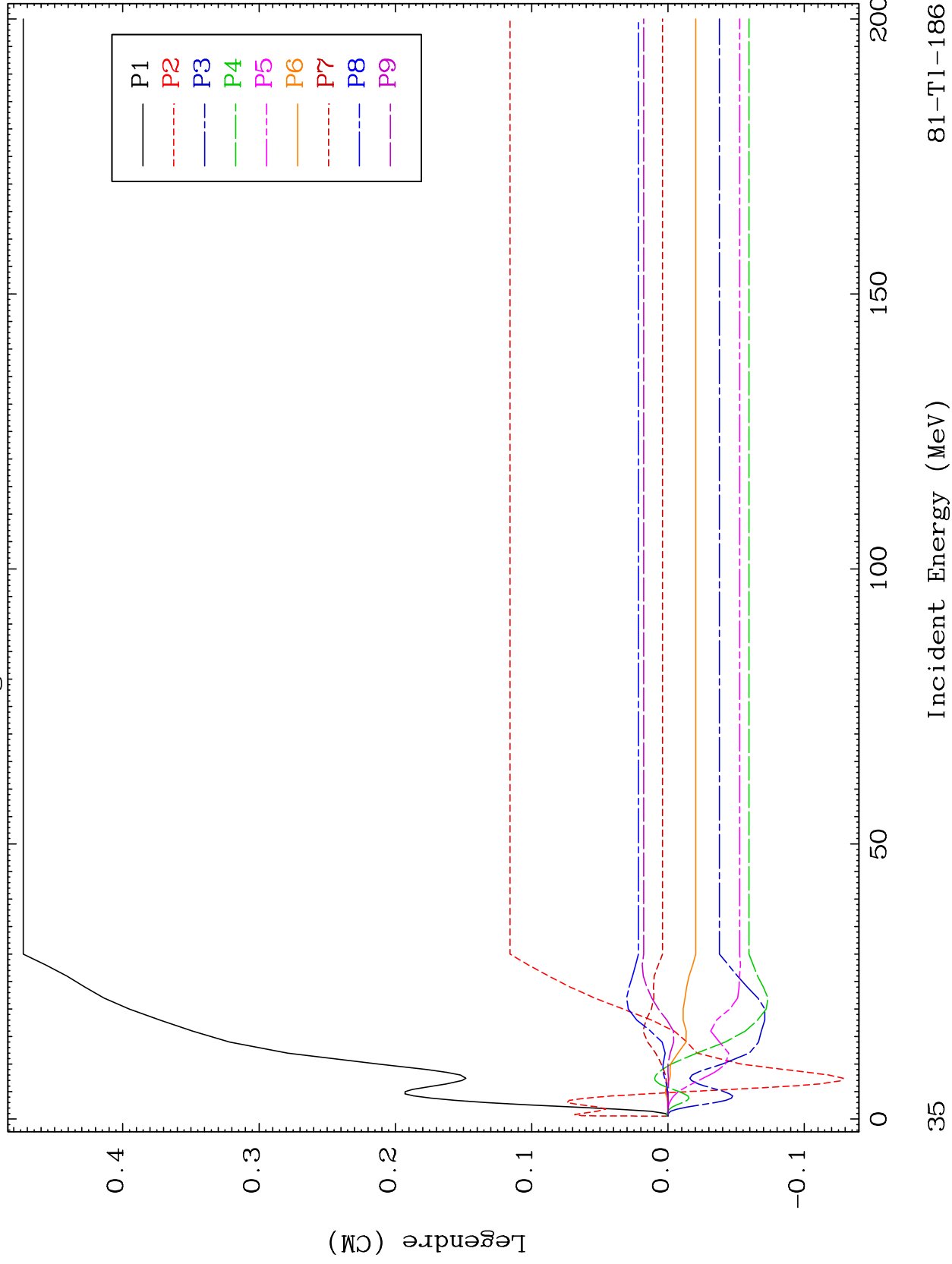
Incident Energy (MeV)

34

MAT 8074

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

81-T1-186



81-T1-186

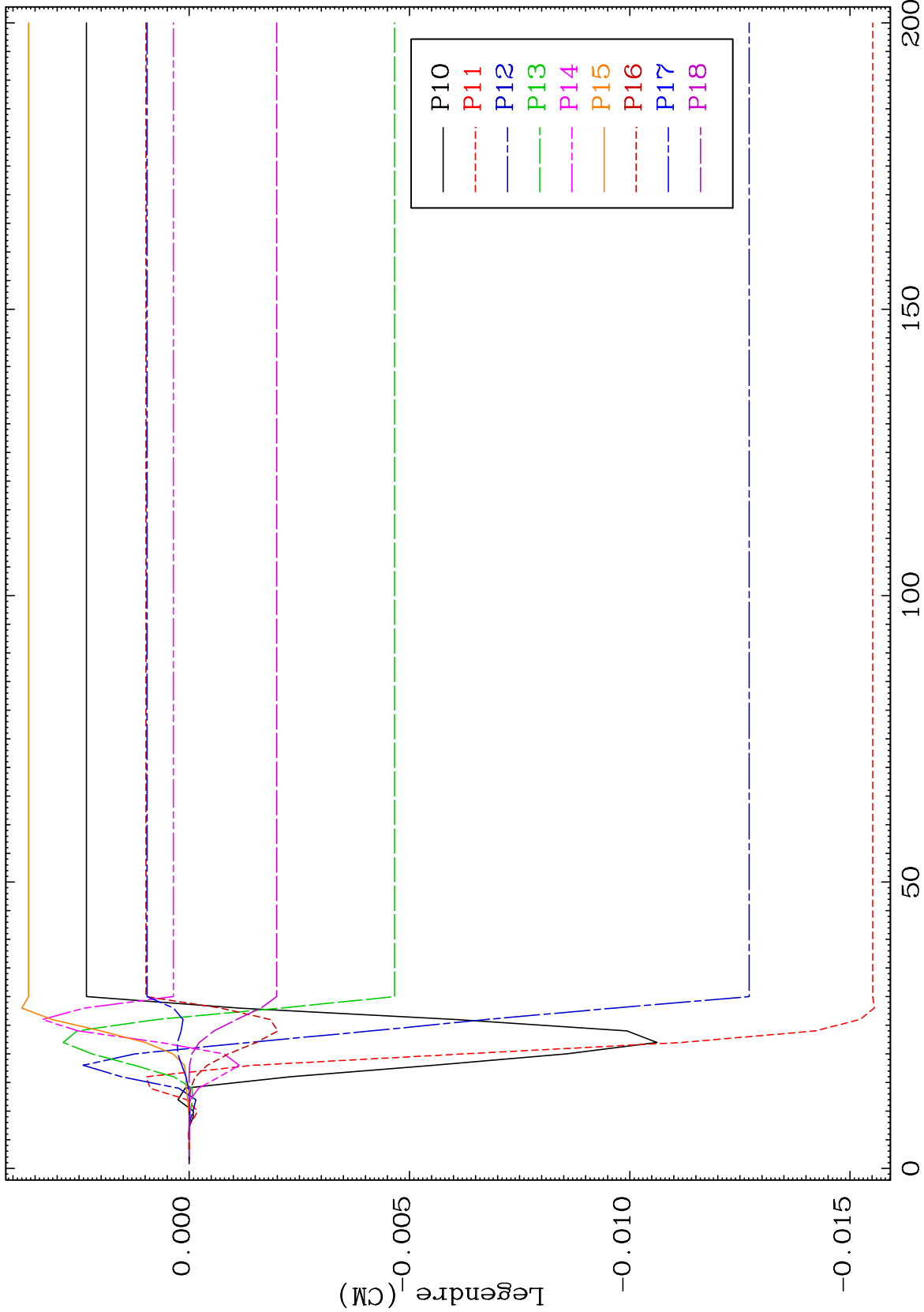
Incident Energy (MeV)

35

MAT 8074

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

81-Tl-186



36

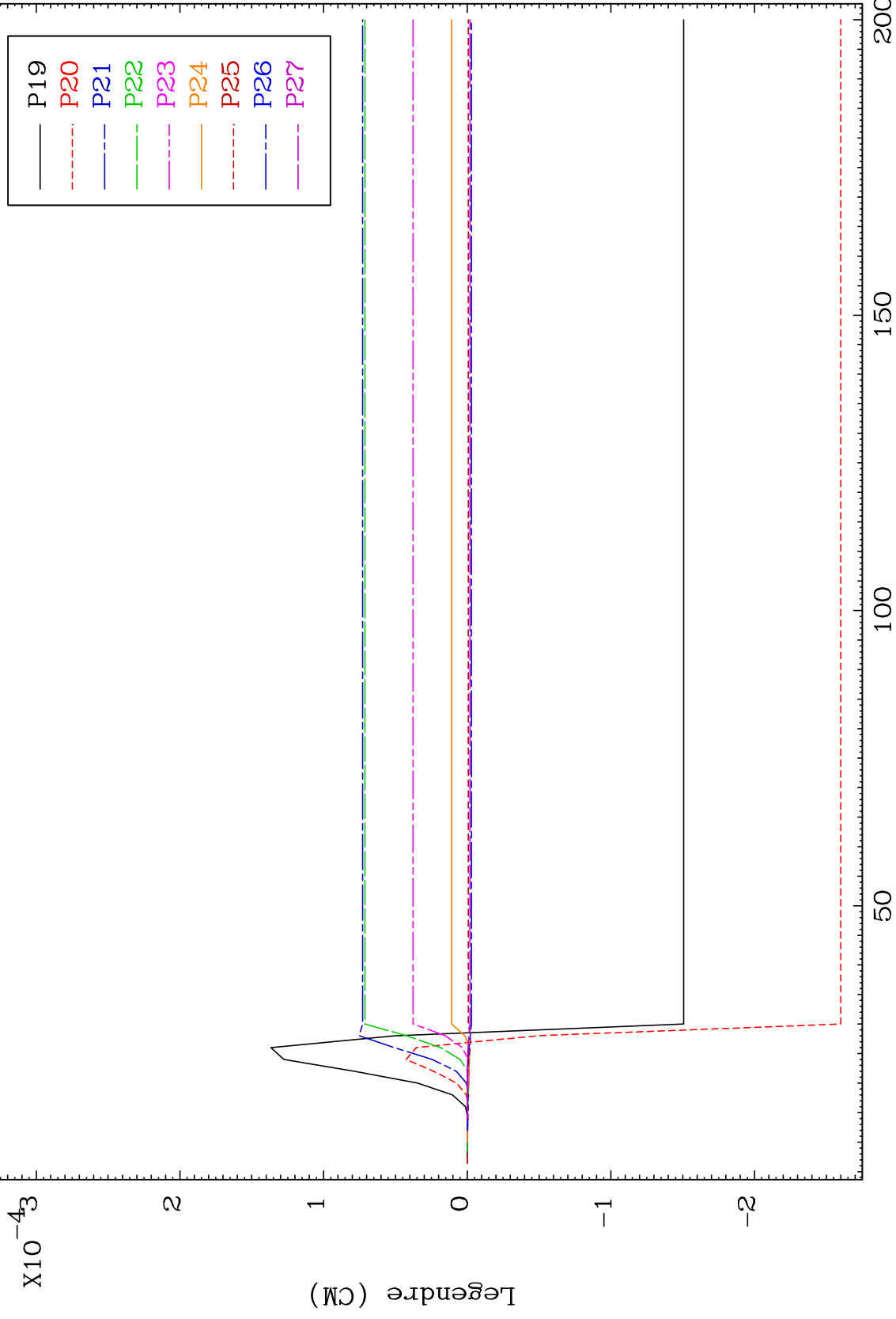
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-Tl-186



37

Incident Energy (MeV)

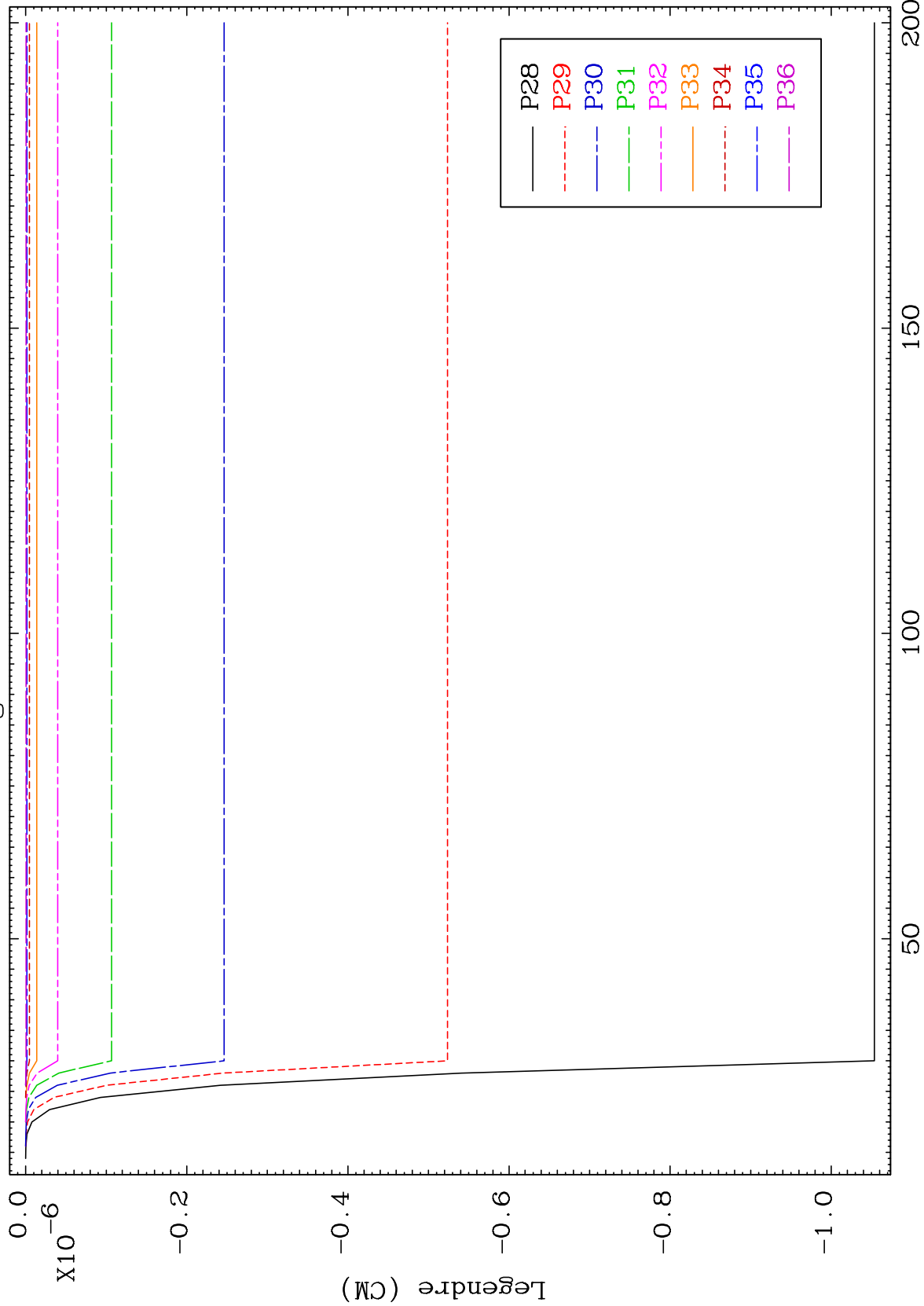
81-Tl-186

MAT 8074

MT= 55 (n,n') Level

81-Tl-186

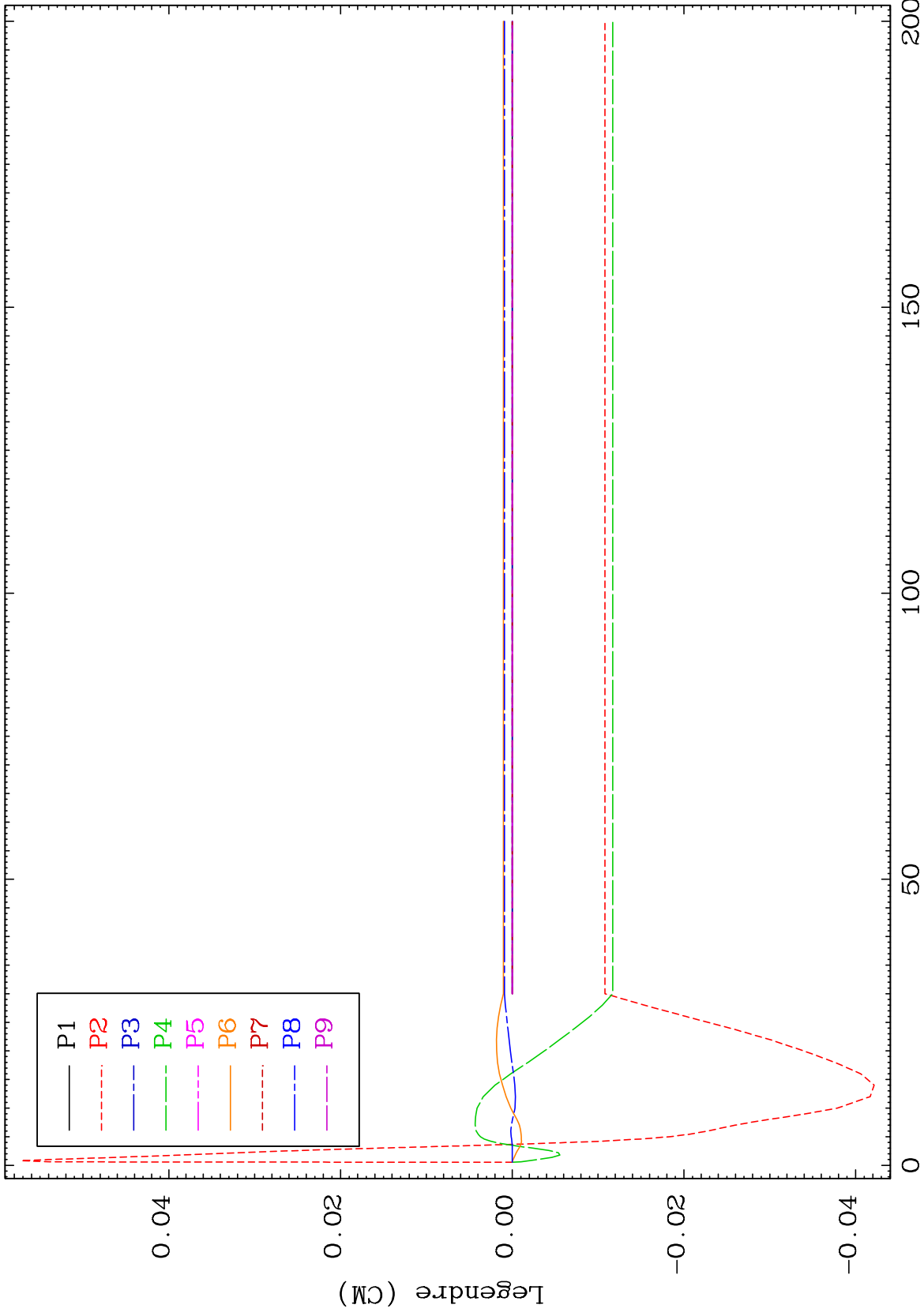
Legendre Coefficients



MAT 8074

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

81-Tl-186



39

Incident Energy (MeV)

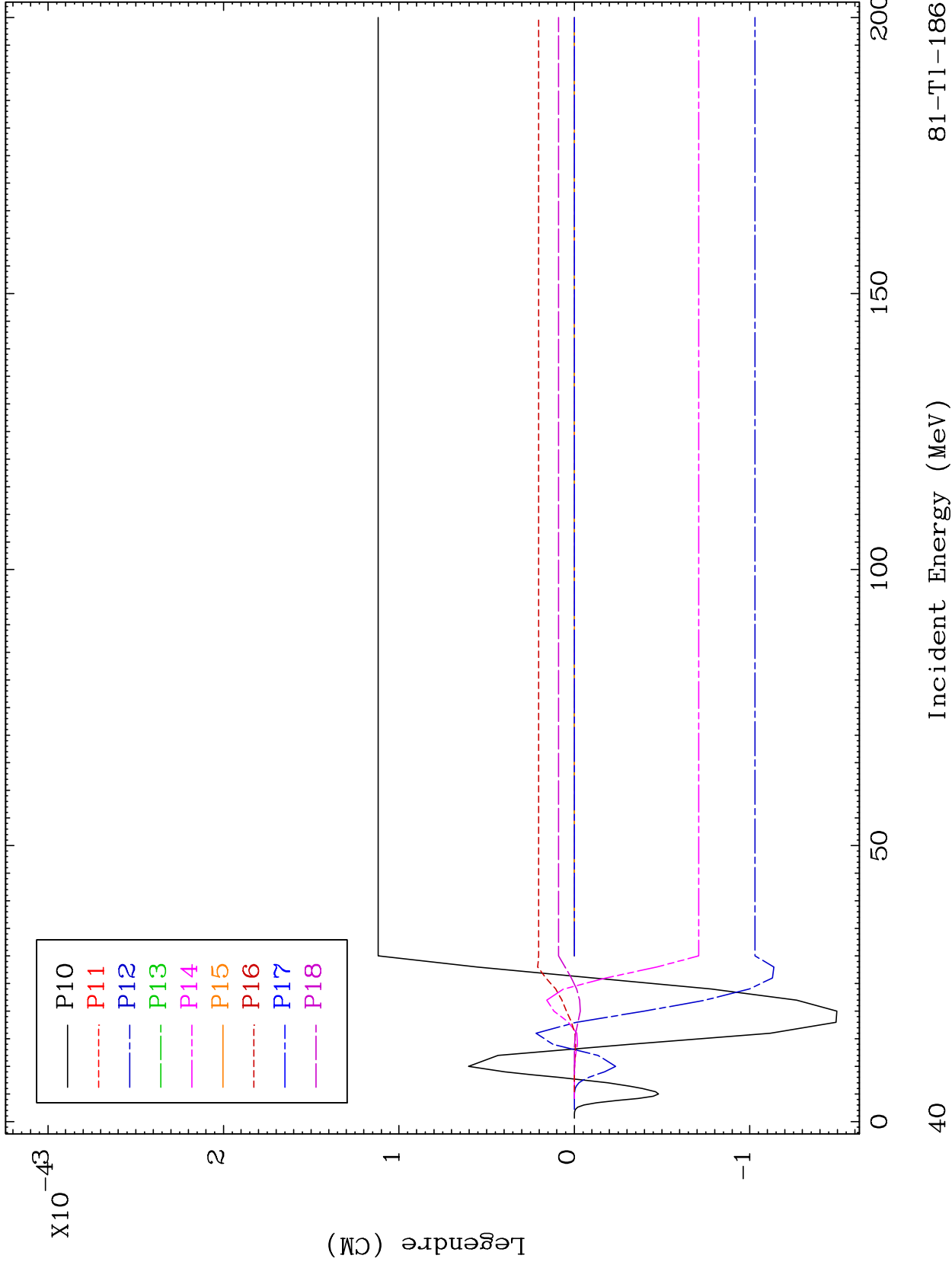
81-Tl-186



MAT 8074

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

81-Tl-186

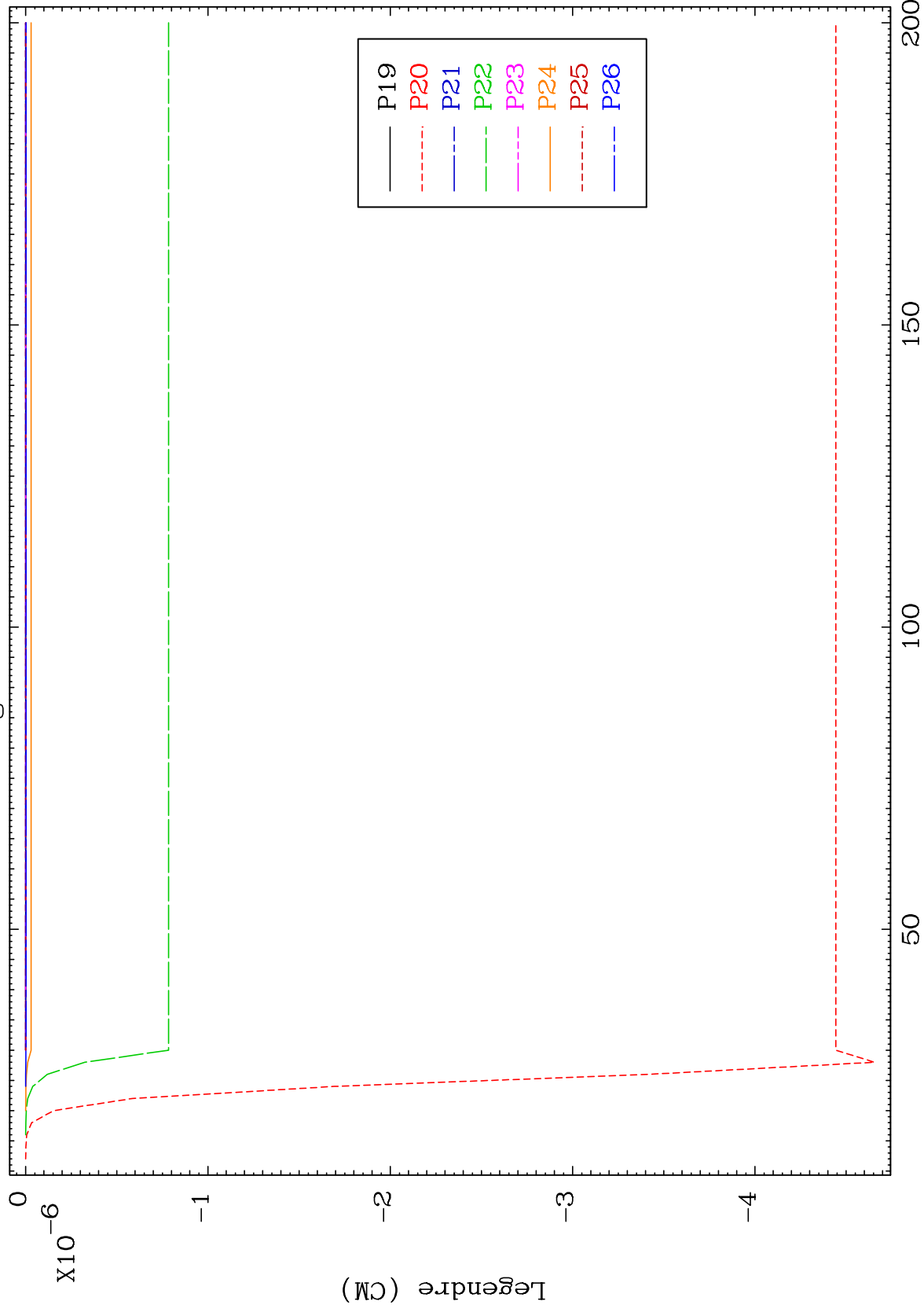


81-Tl-186

MAT 8074

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

81-T1-186



41

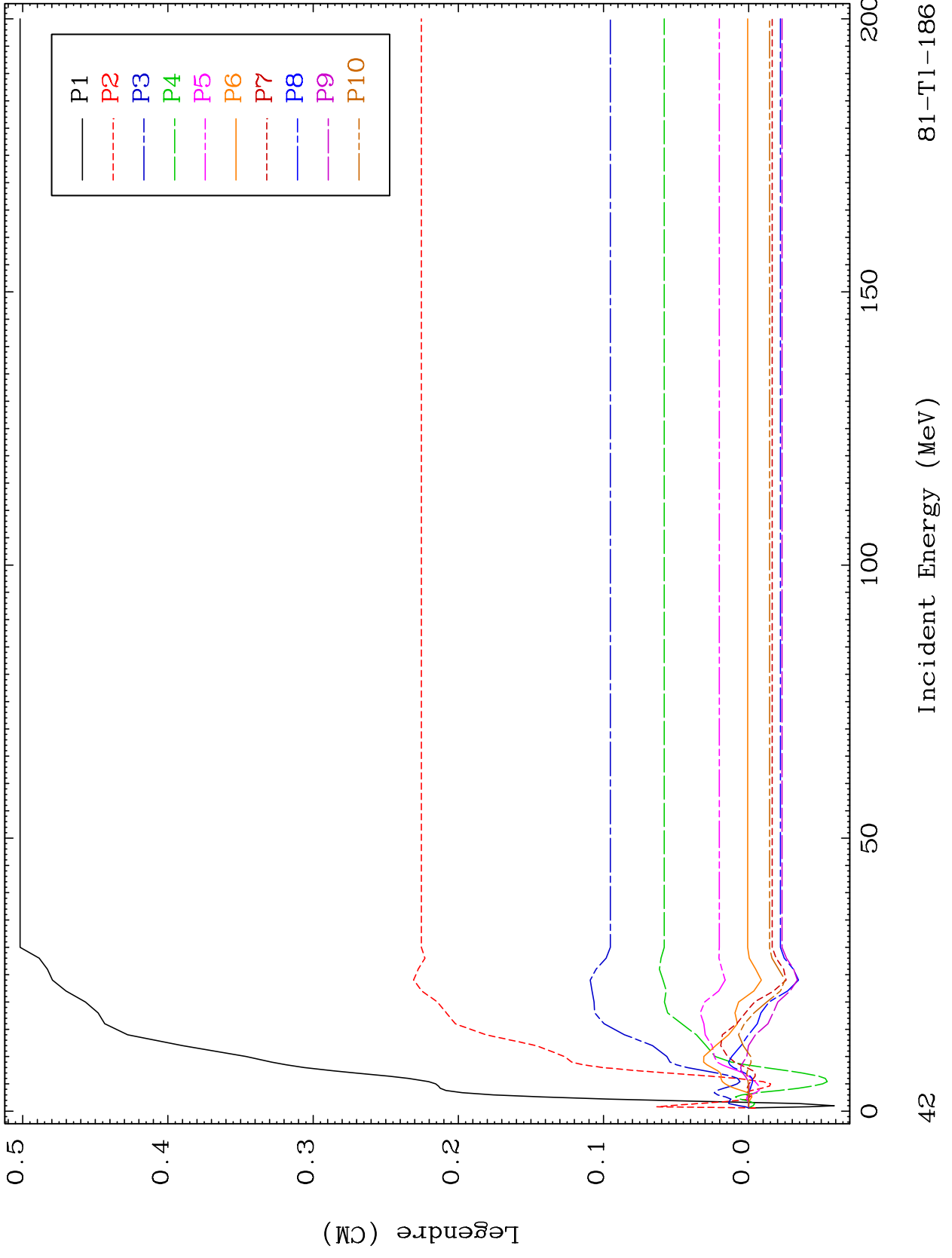
Incident Energy (MeV)

81-T1-186

MAT 8074

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

81-Tl-186



81-Tl-186

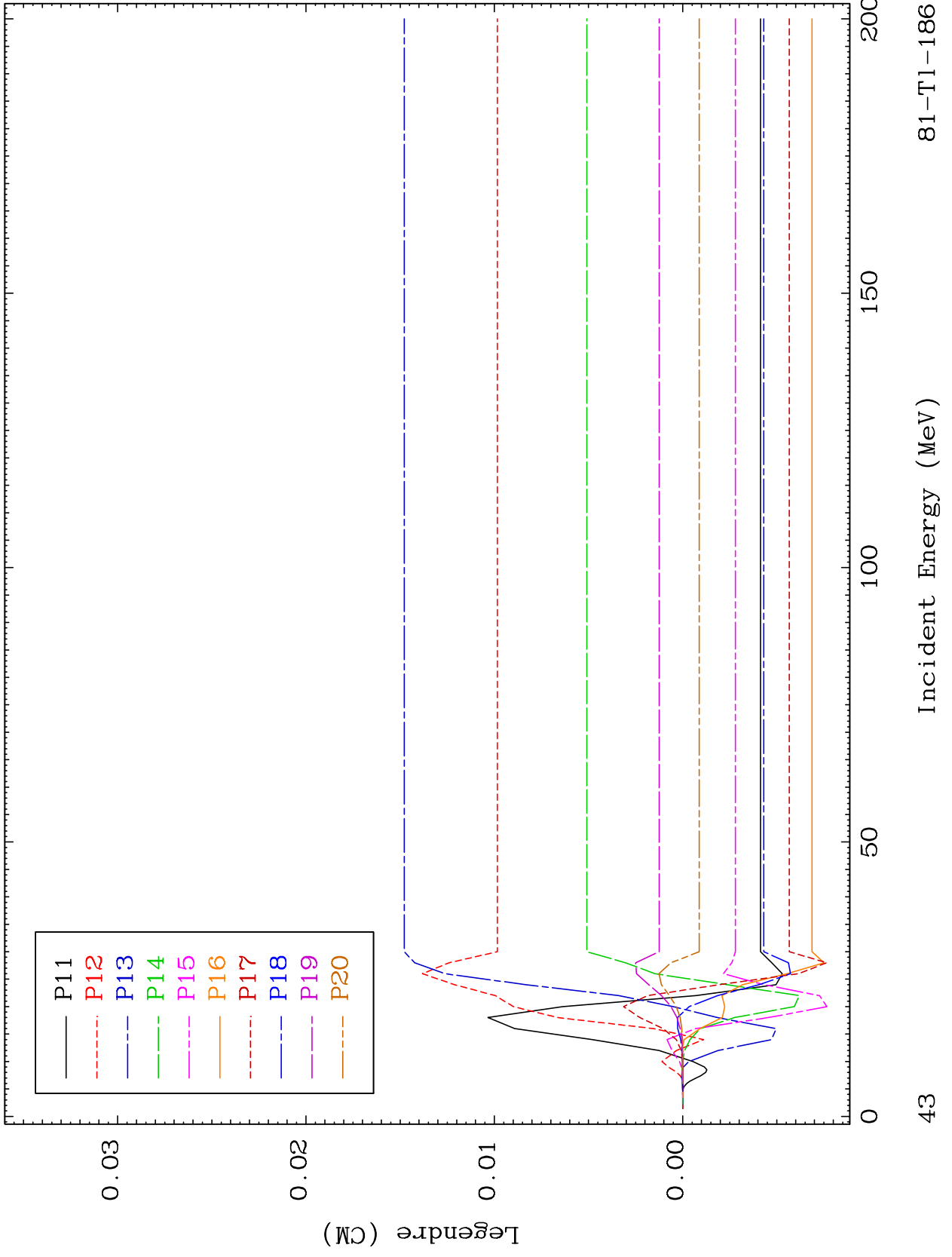
Incident Energy (MeV)

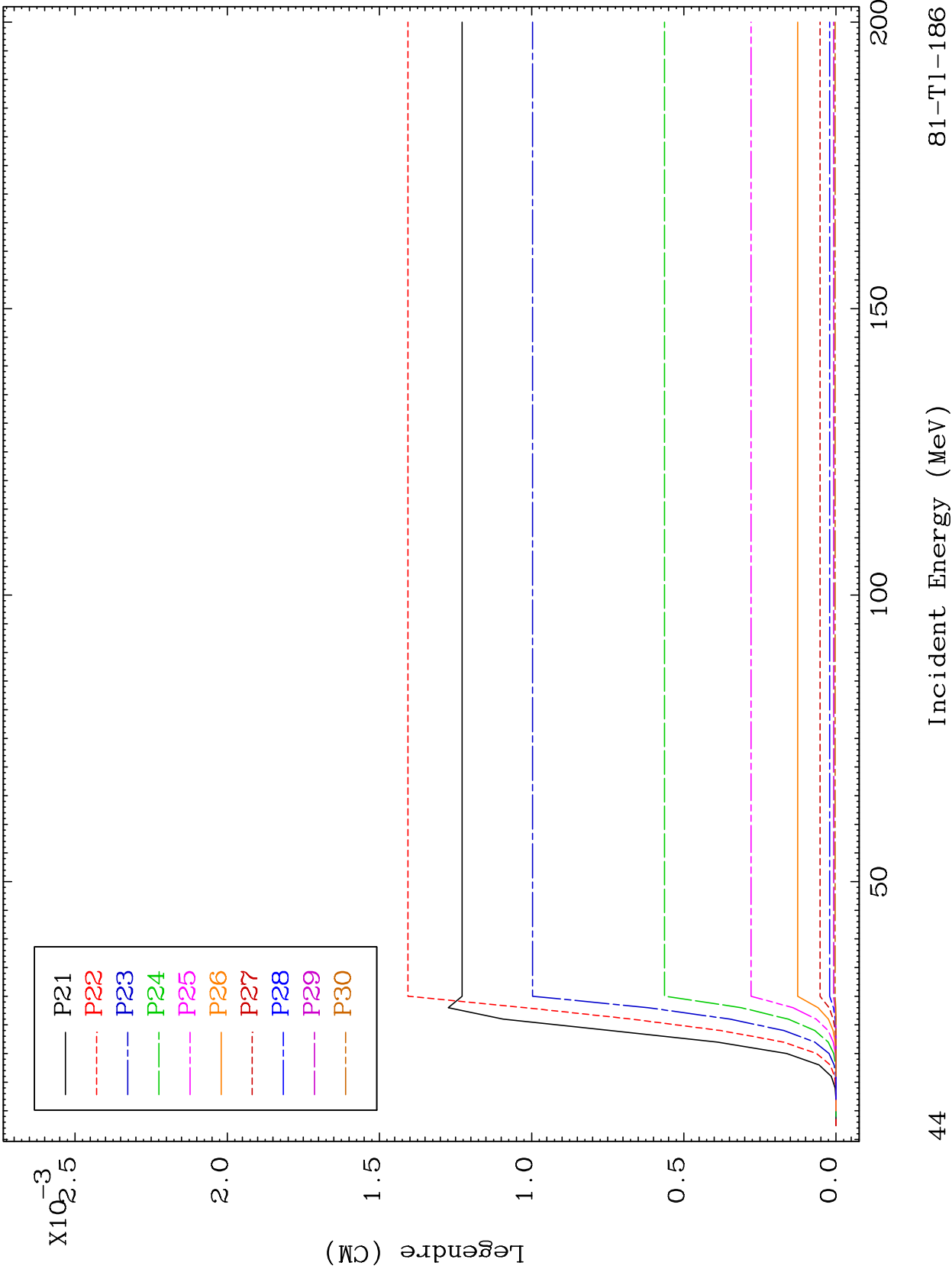
42

MAT 8074

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

81-T1-186

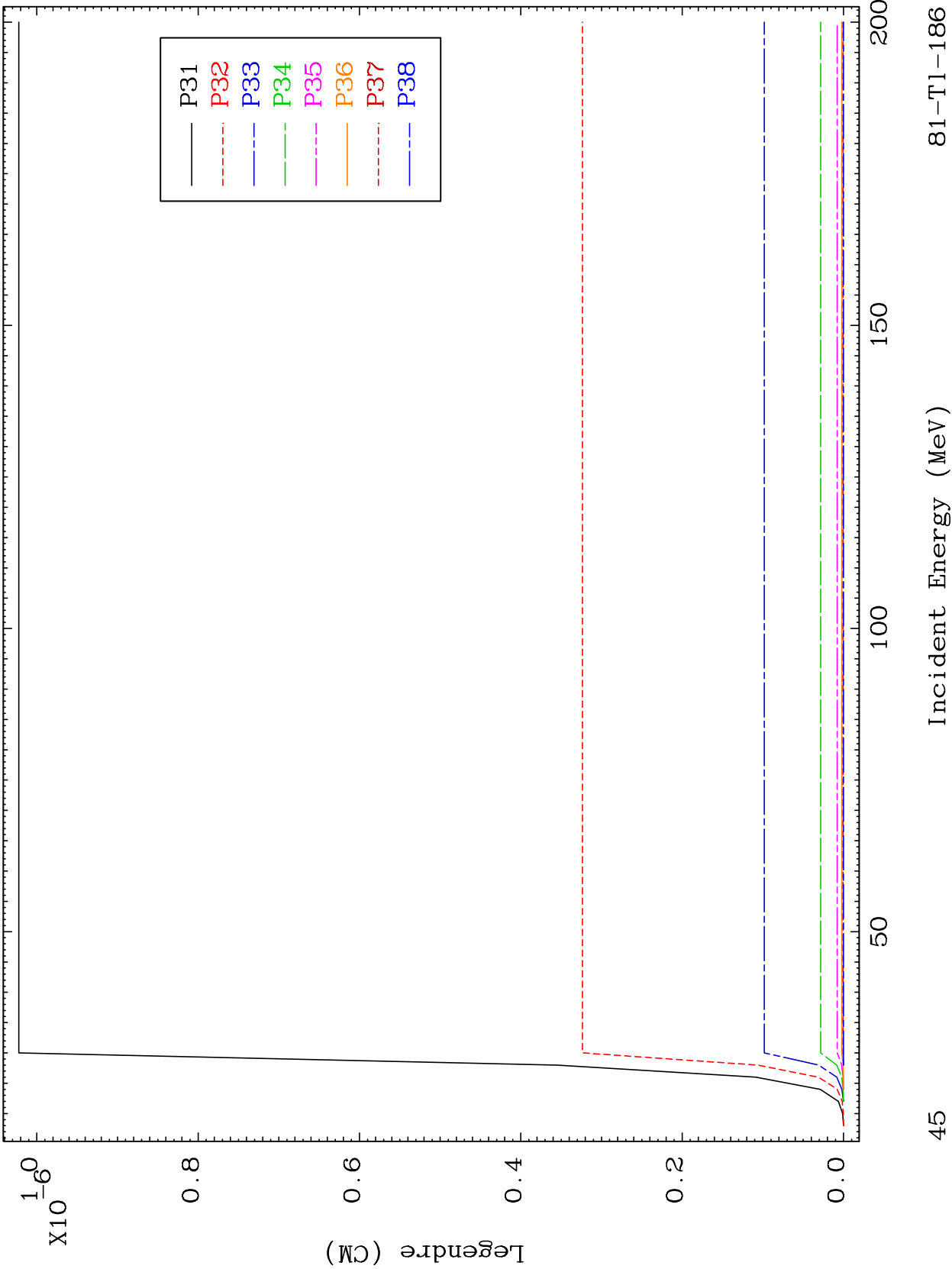




MAT 8074

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

81-Tl-186



45

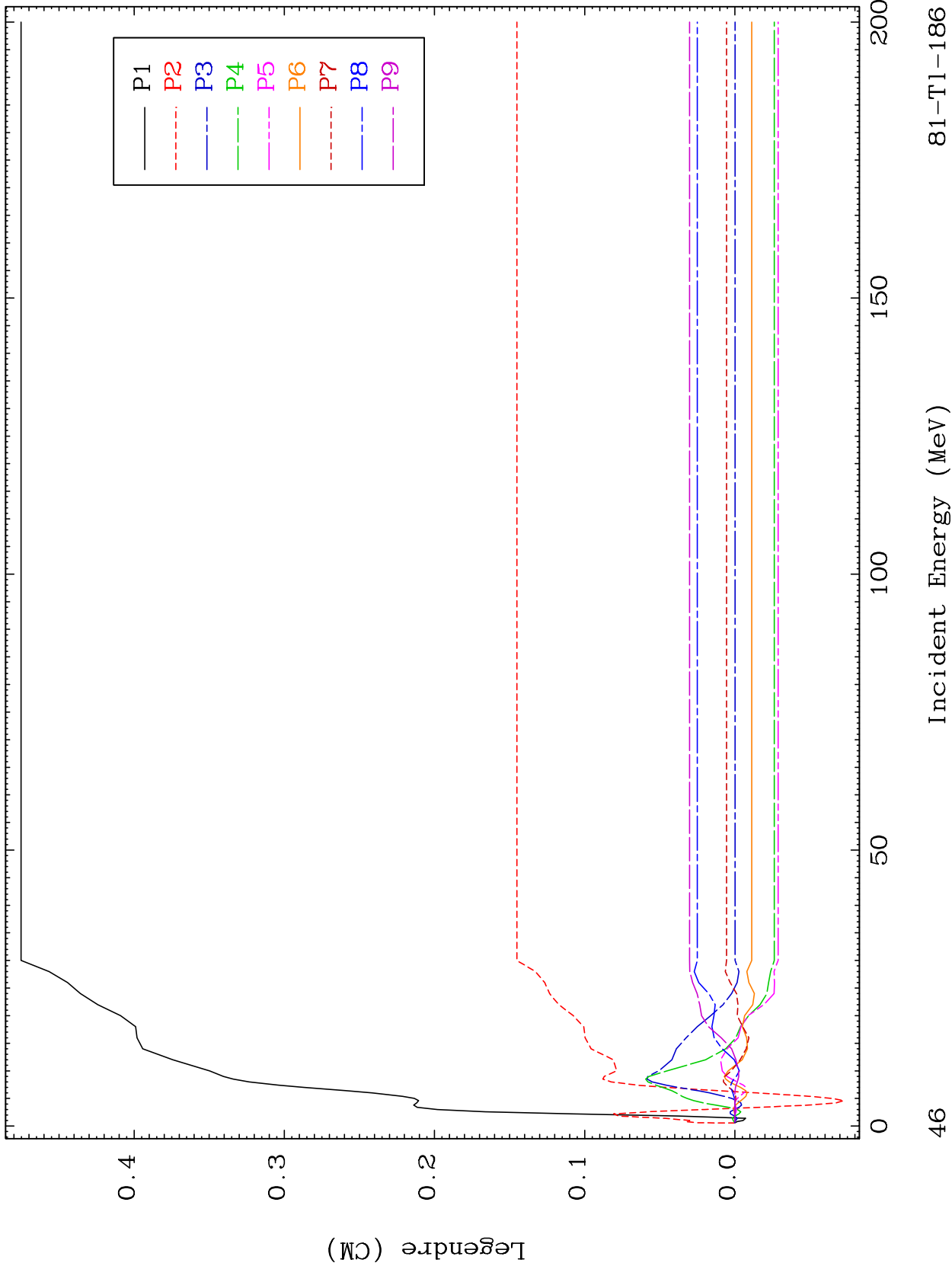
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-Tl-186



81-Tl-186

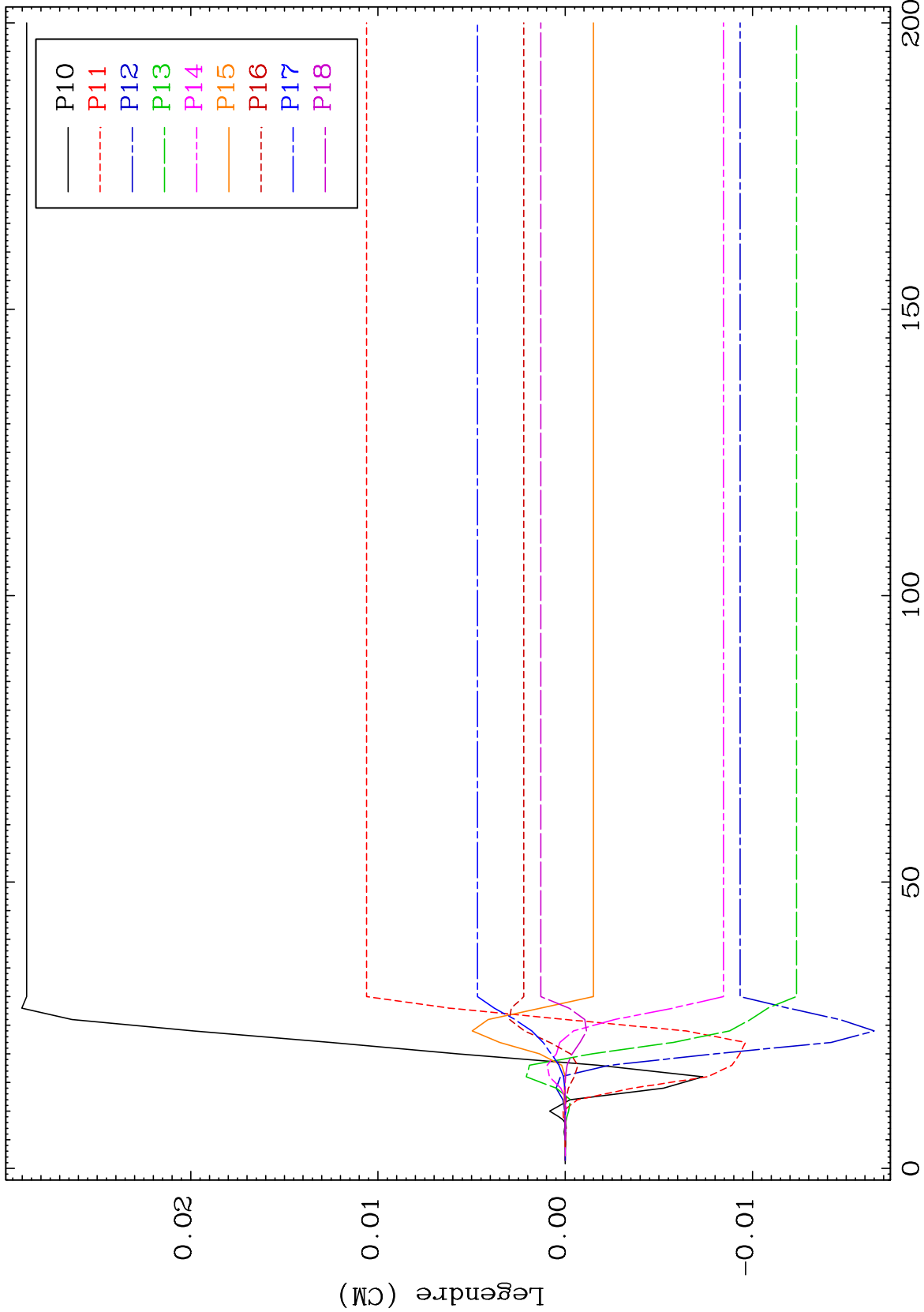
Incident Energy (MeV)

46

MAT 8074

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

81-T1-186



47

Incident Energy (MeV)

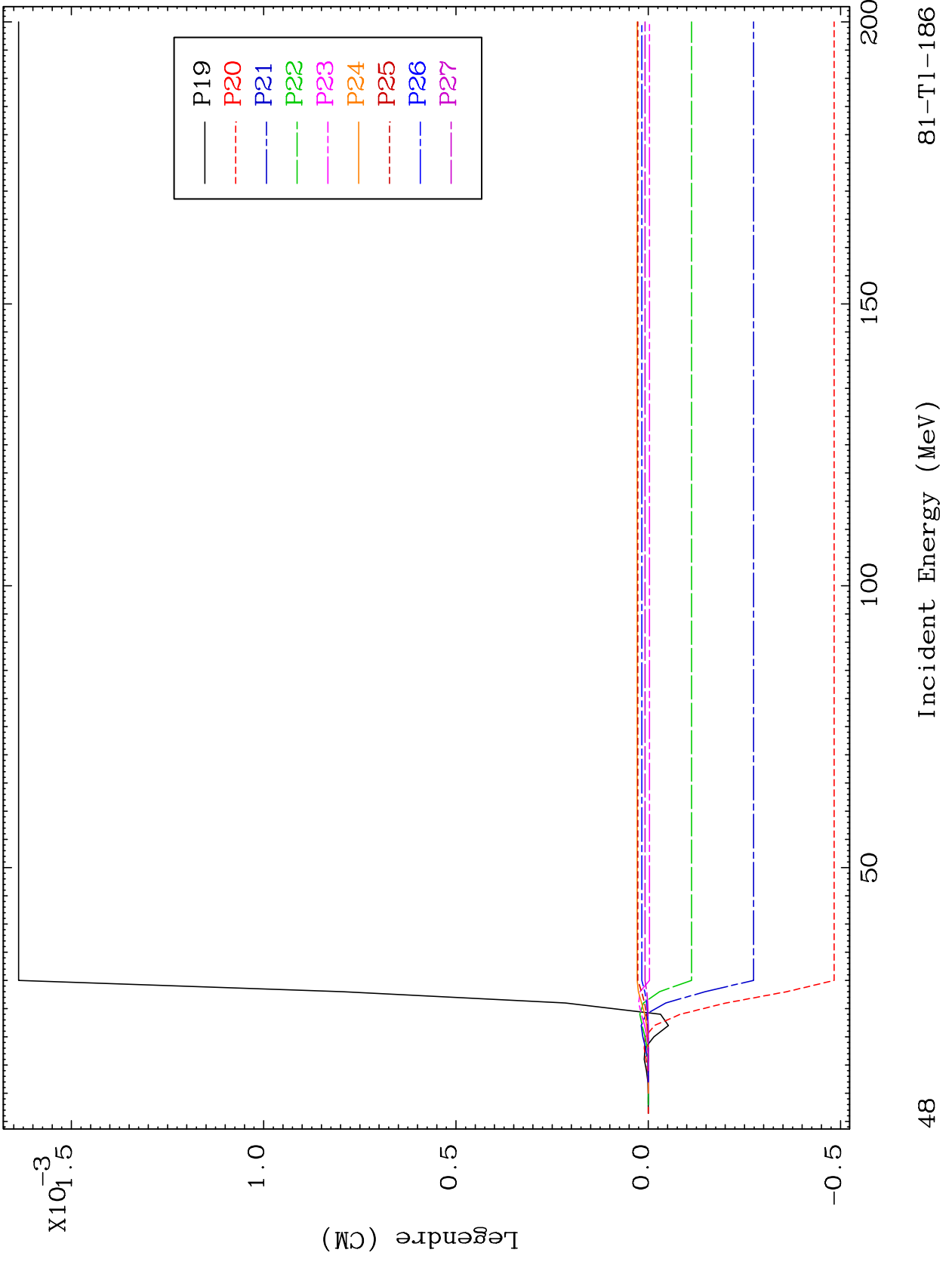
81-T1-186



MAT 8074

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

81-Tl-186



48

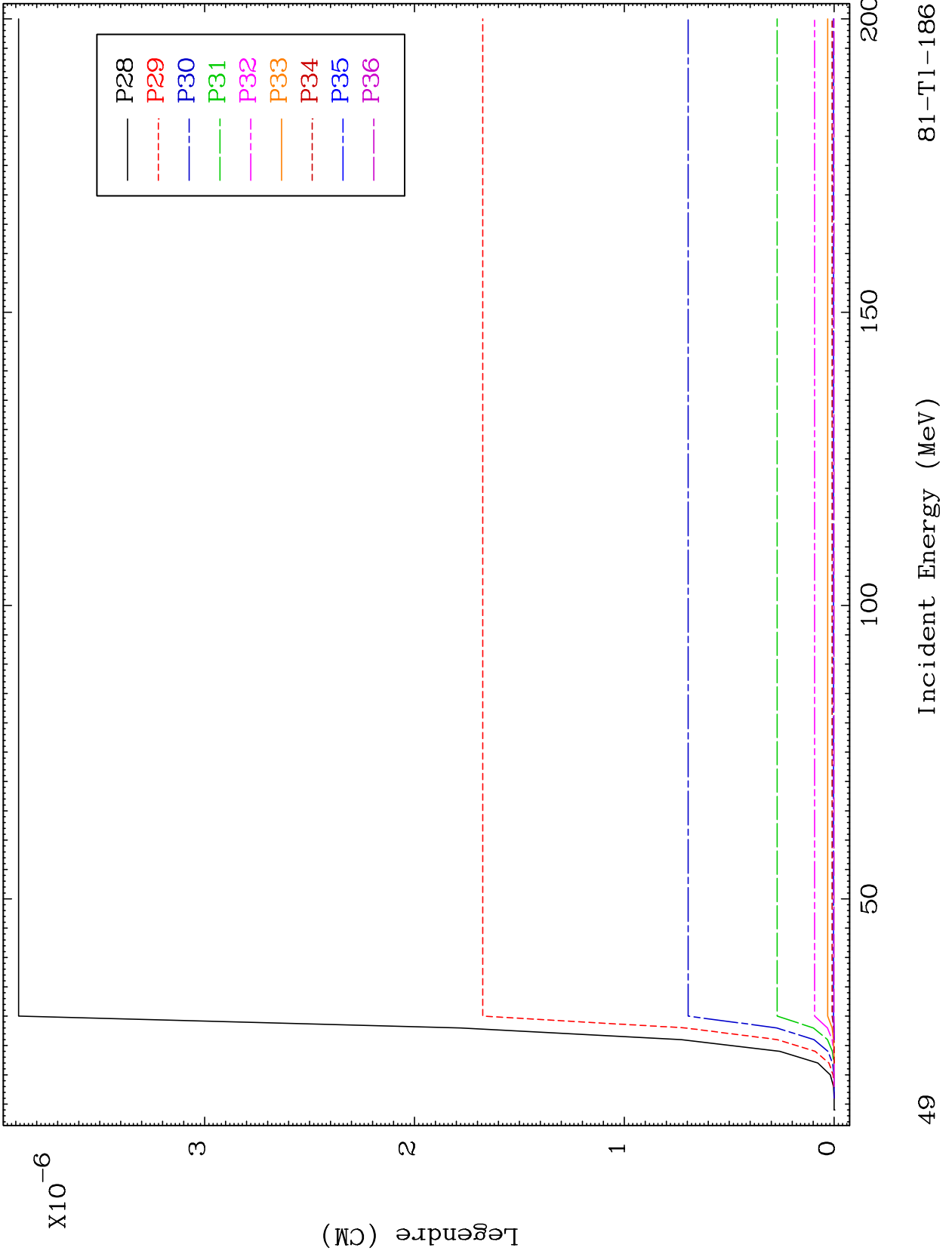
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-Tl-186



49

Incident Energy (MeV)

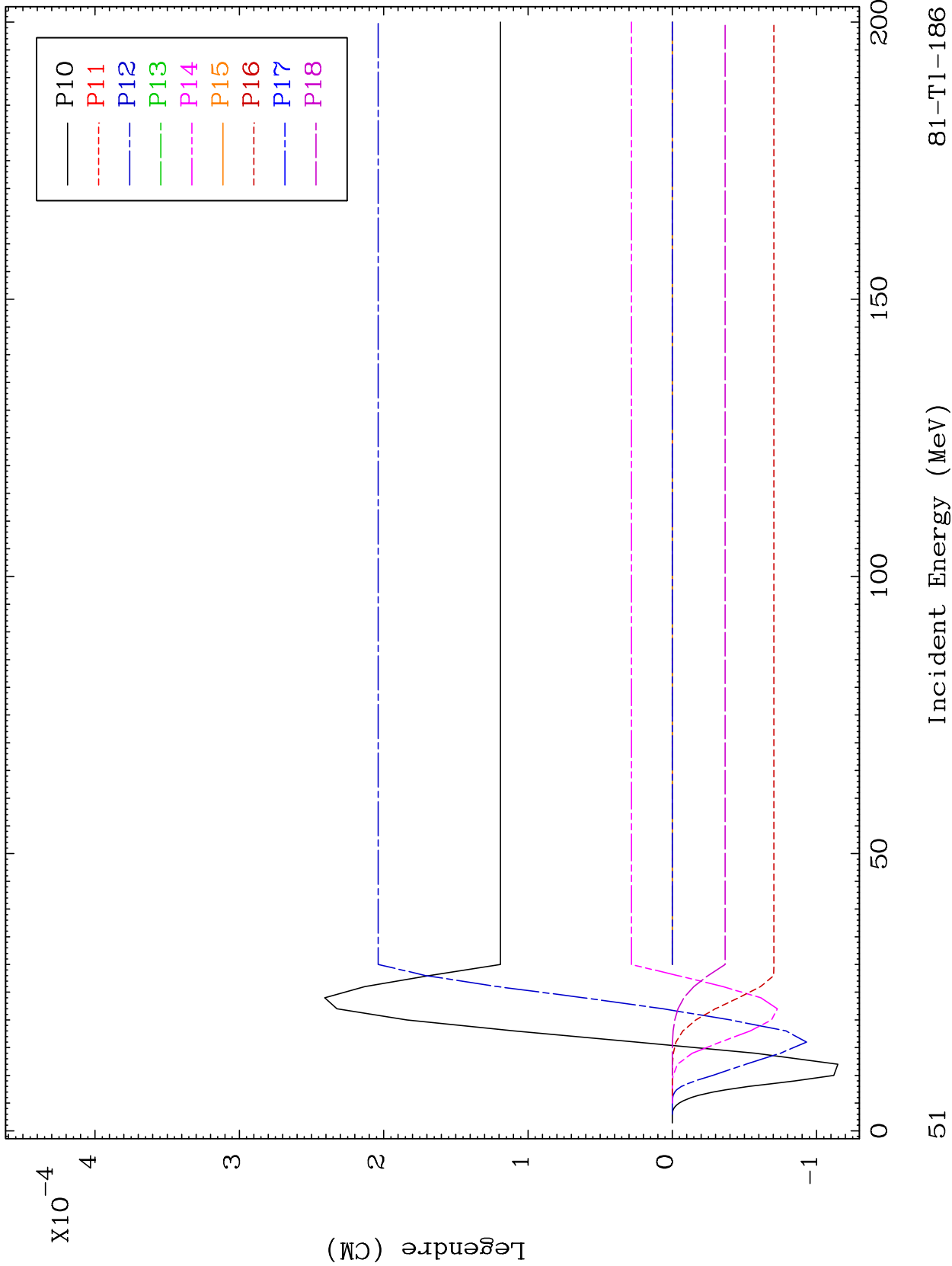
81-Tl-186



MAT 8074

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

81-Tl-186



81-Tl-186

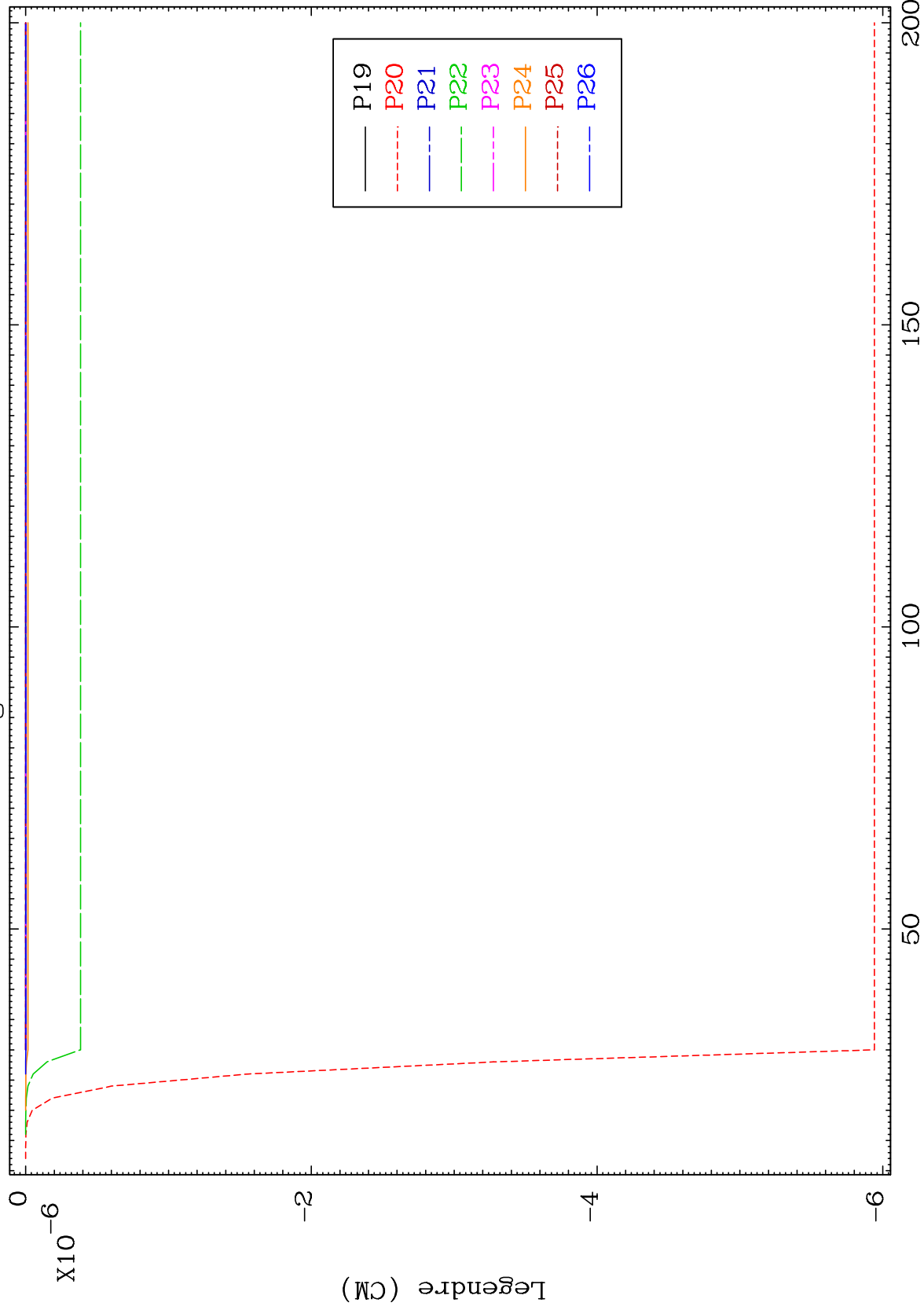
Incident Energy (MeV)

51

MAT 8074

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

81-Tl-186



52

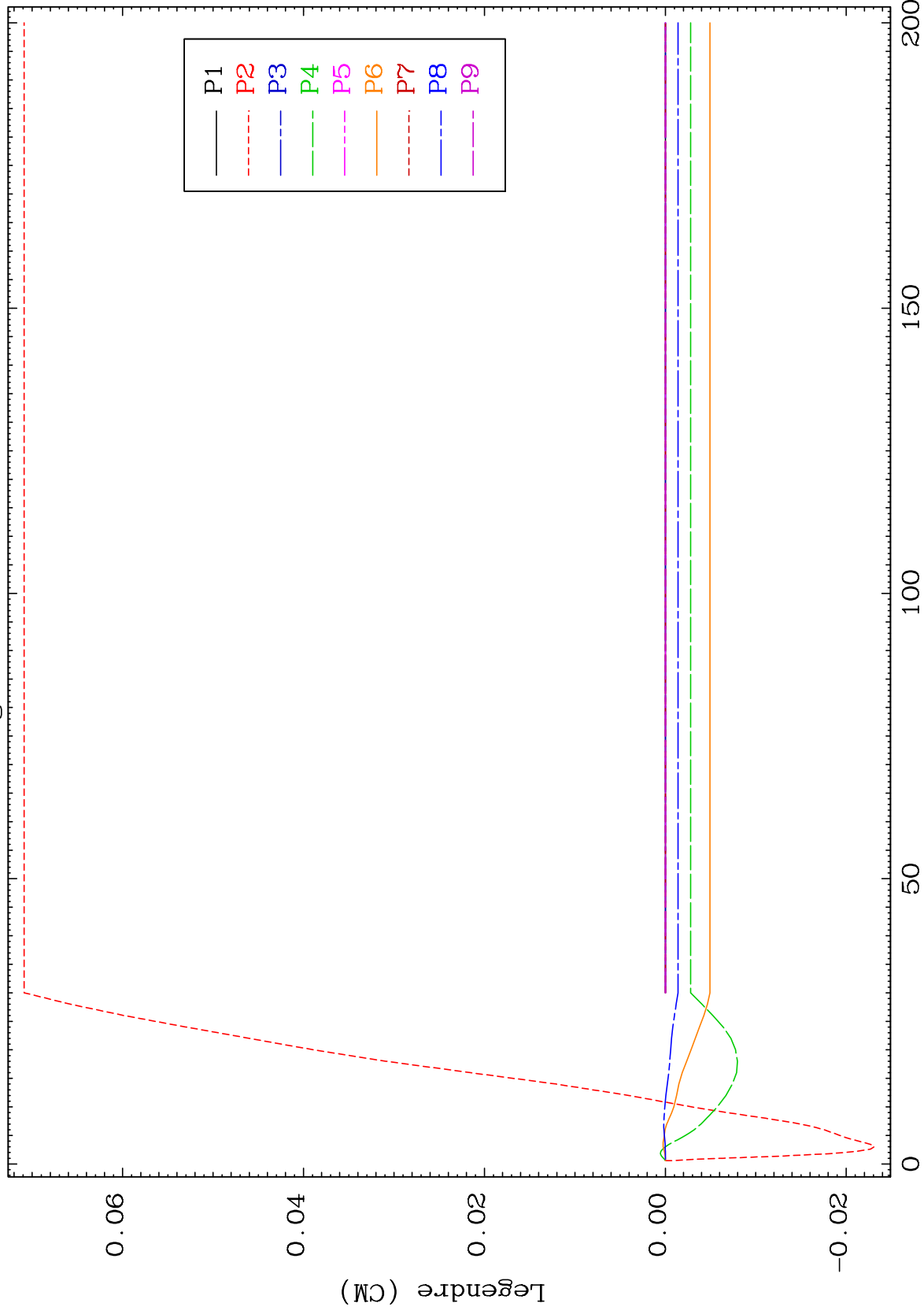
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-Tl-186



53

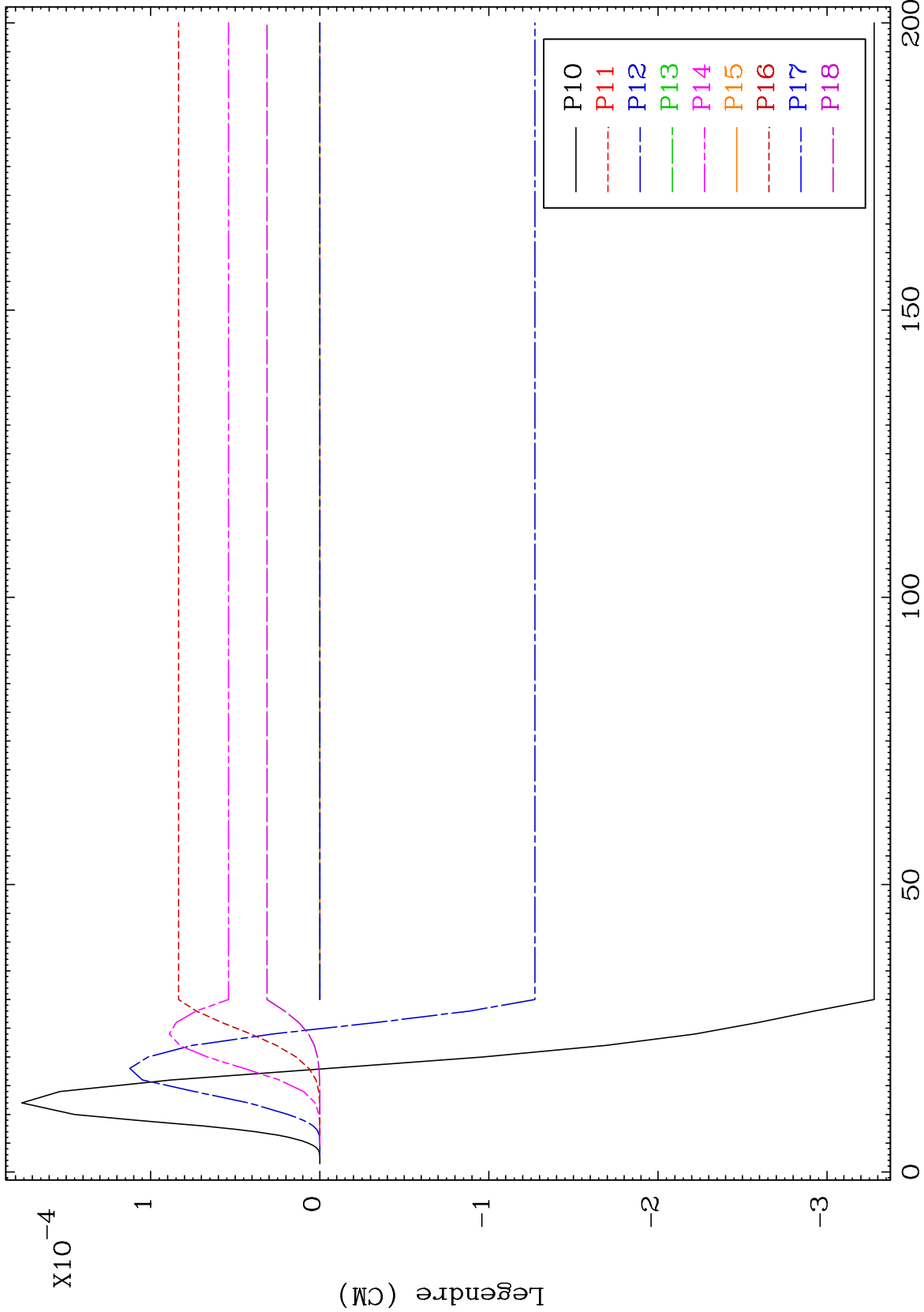
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

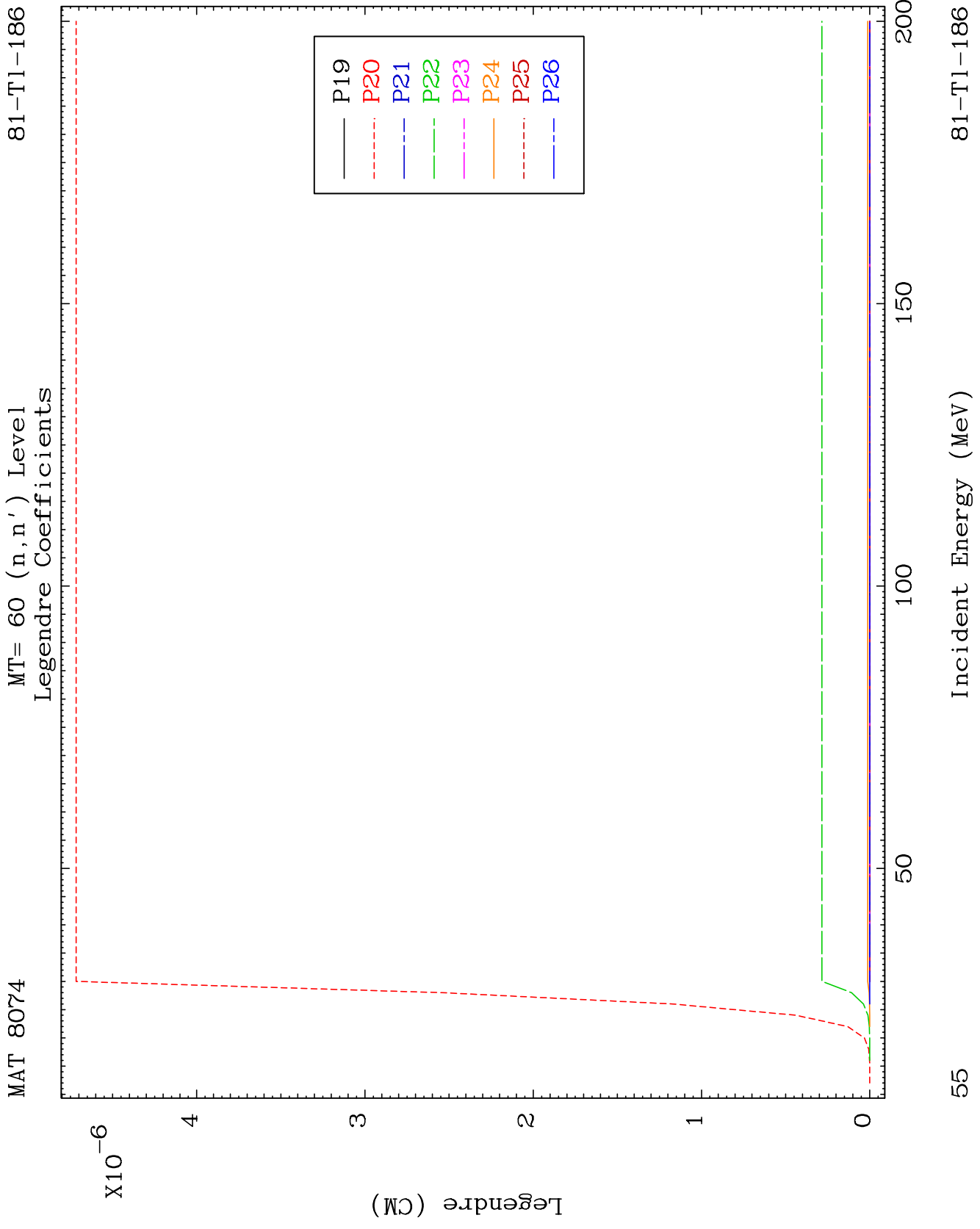
81-Tl-186



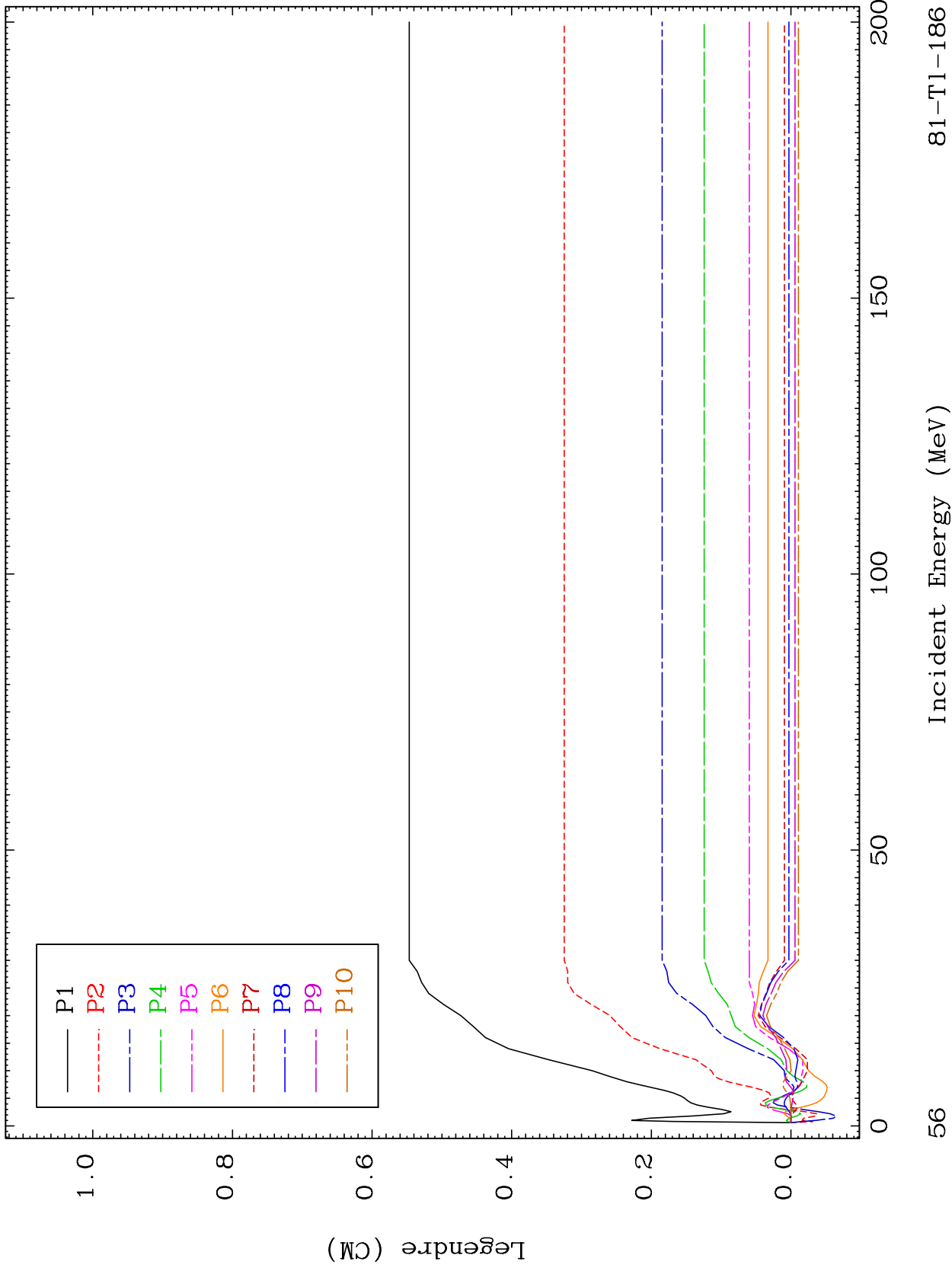
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Incident Energy (MeV)

81-Tl-186





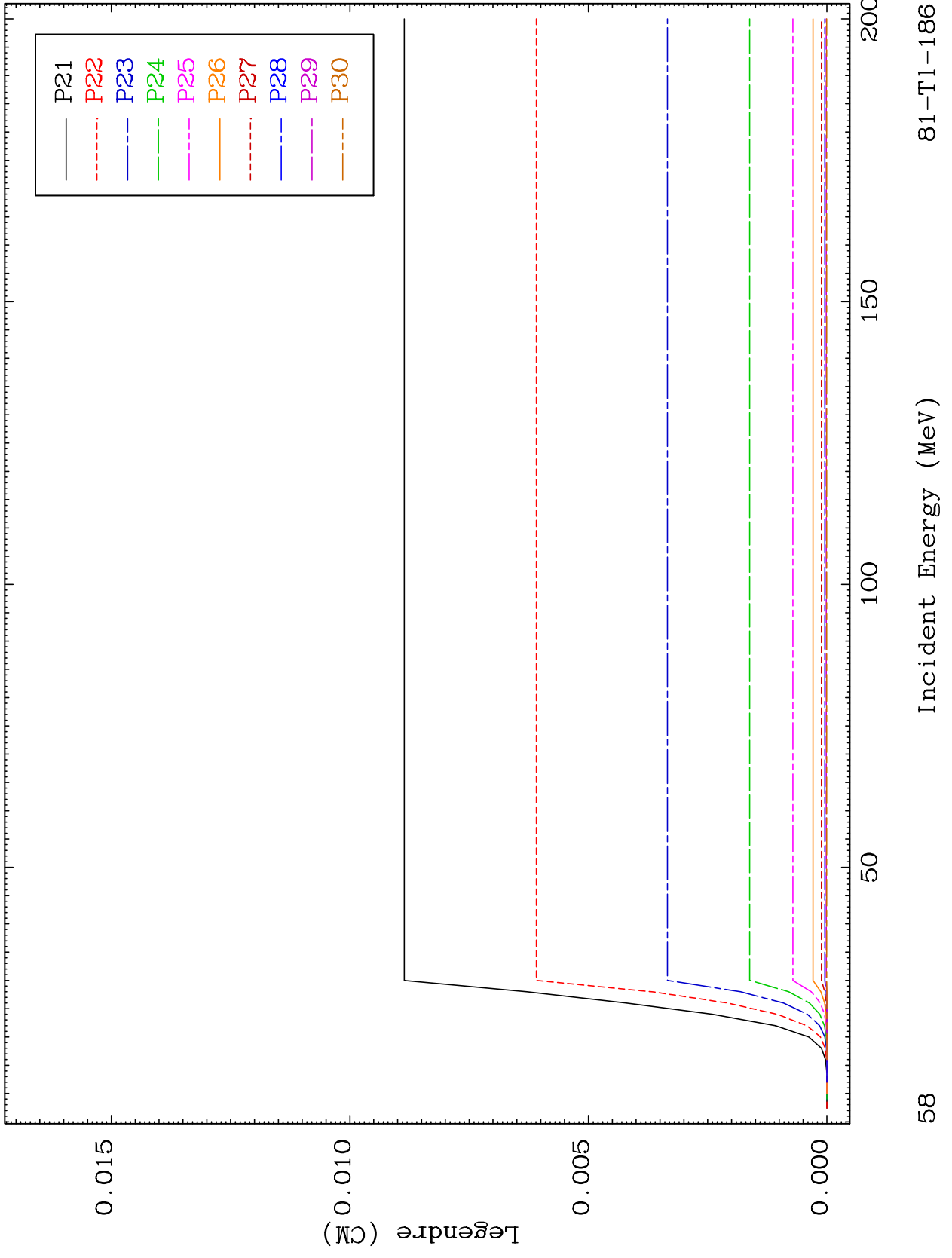




MAT 8074

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

81-Tl-186



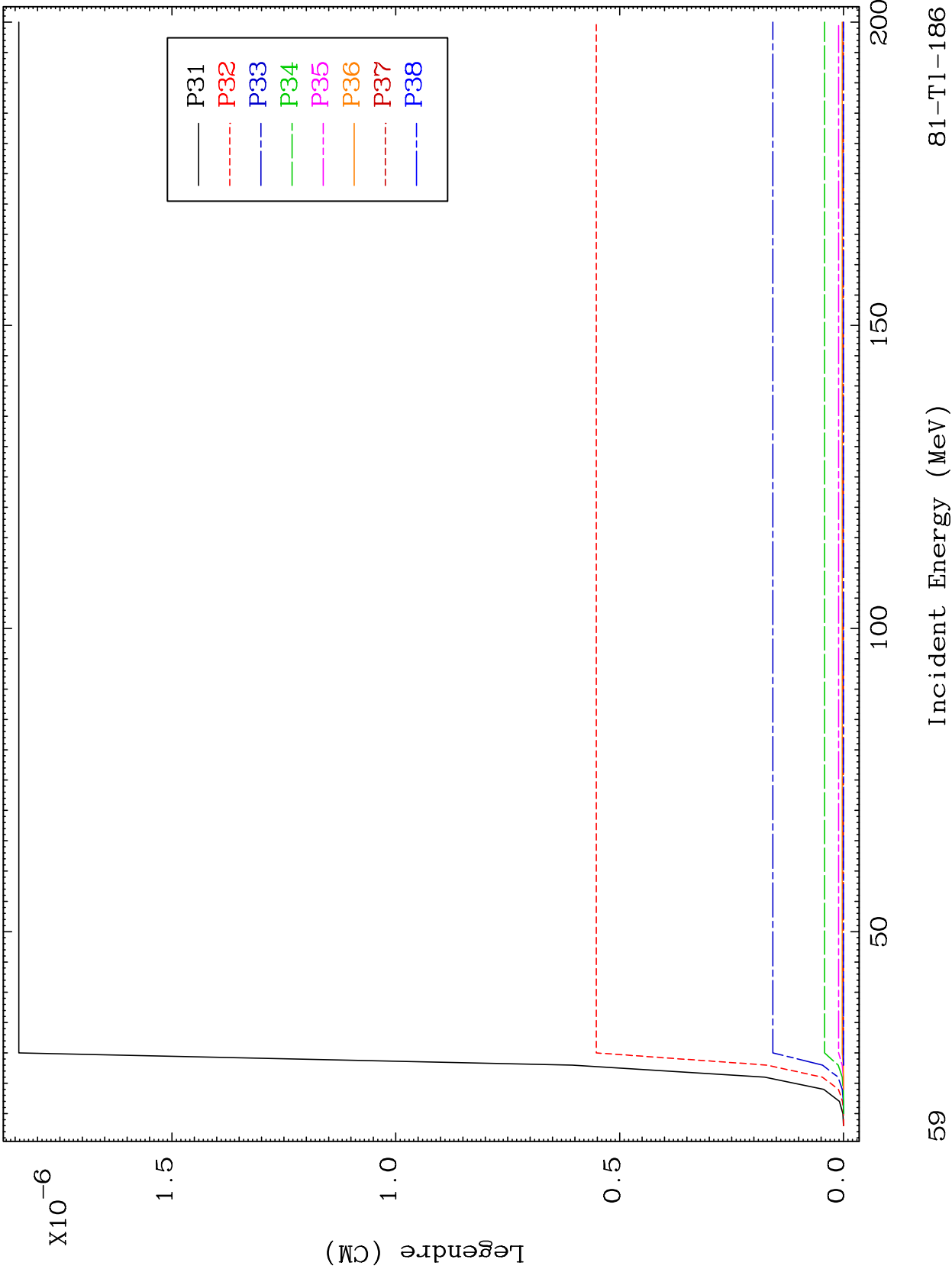
58

81-Tl-186

MAT 8074

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

81-Tl-186



59

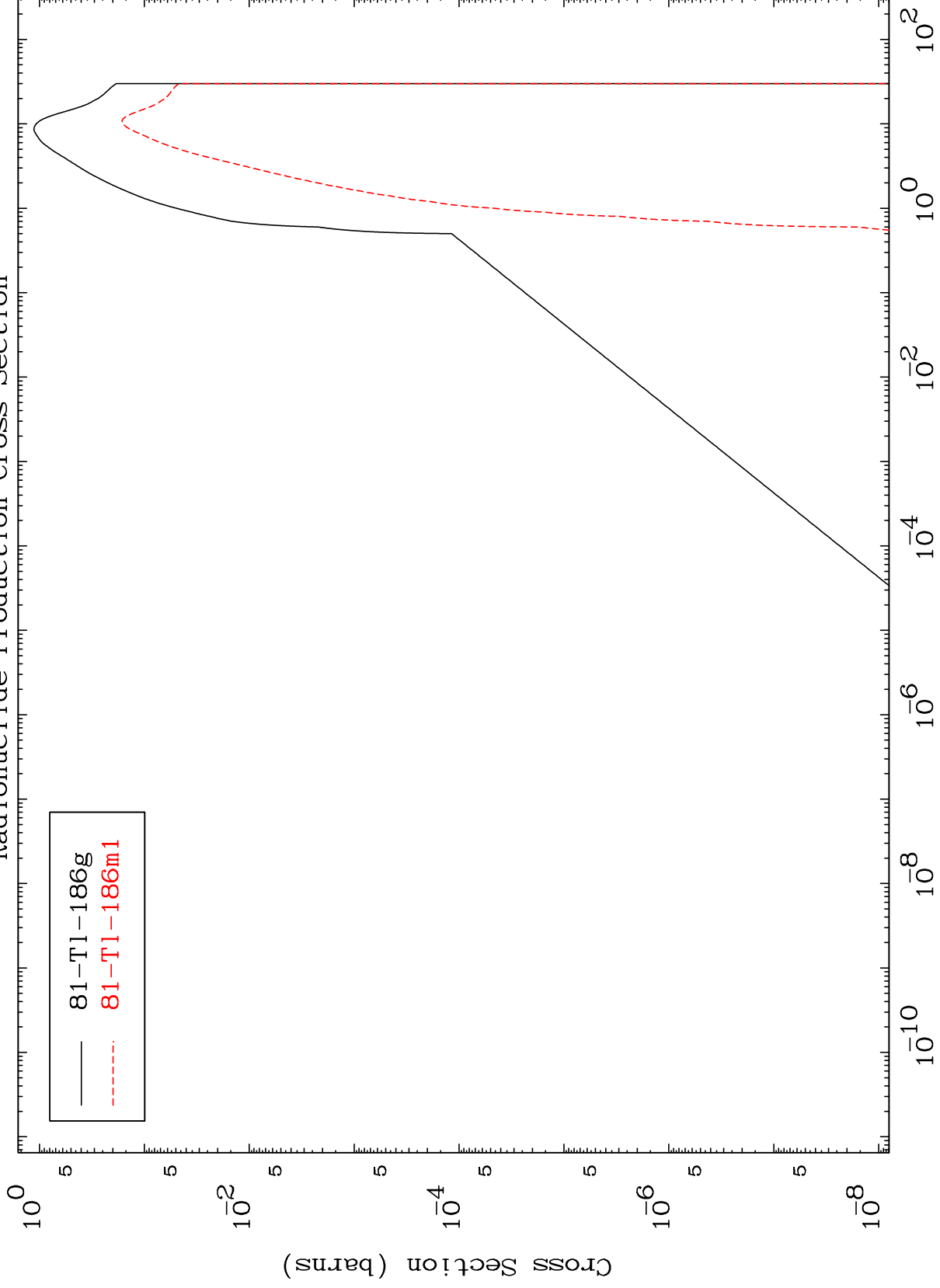
Incident Energy (MeV)

81-Tl-186

MAT 8074

Inelastic  
Radionuclide Production Cross Section

81-Tl-186



81-Tl-186g  
81-Tl-186m1

60

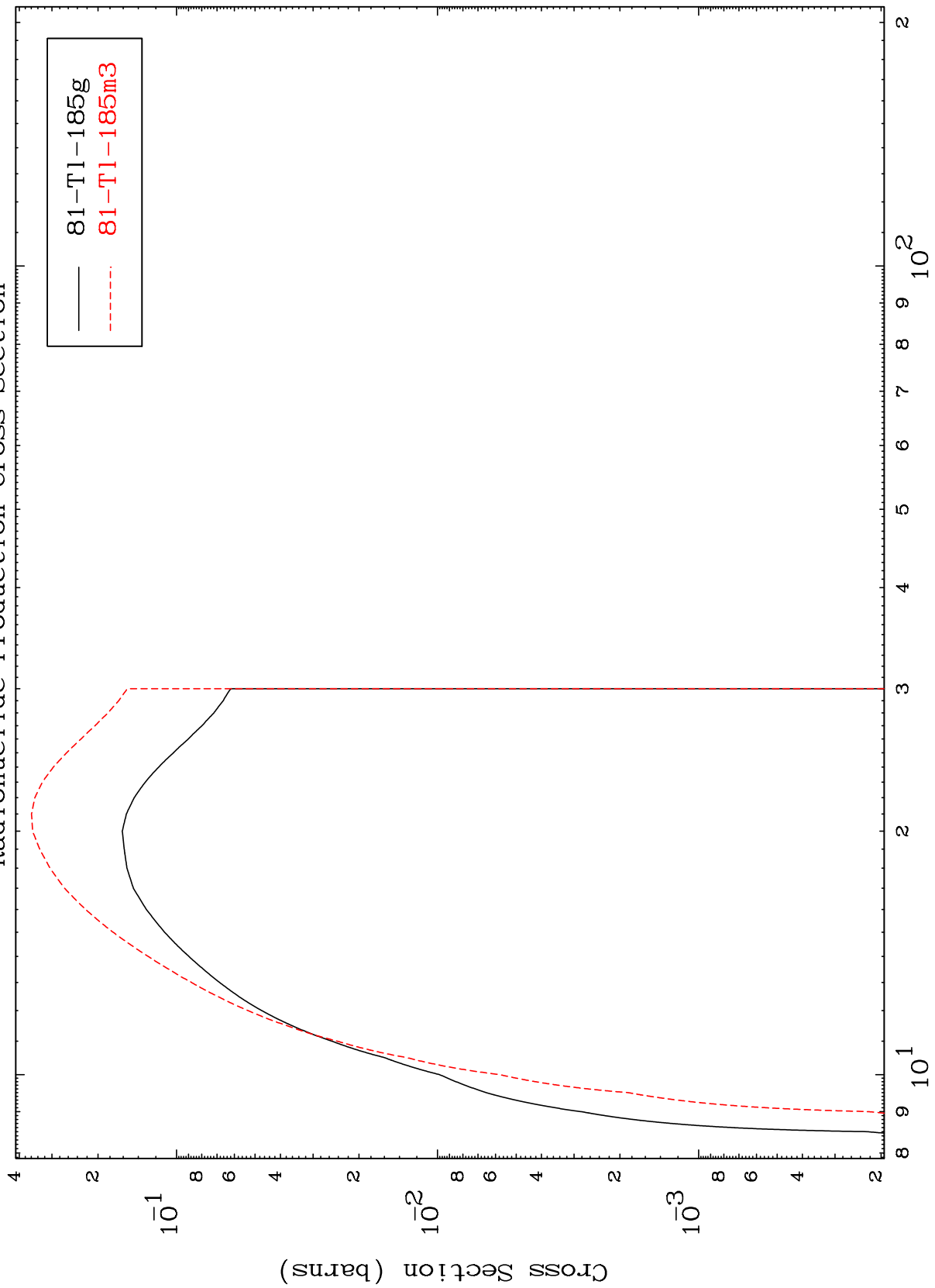
81-Tl-186

MAT 8074

(n,2n)

81-Tl-186

Radionuclide Production Cross Section



61

Incident Energy (MeV)

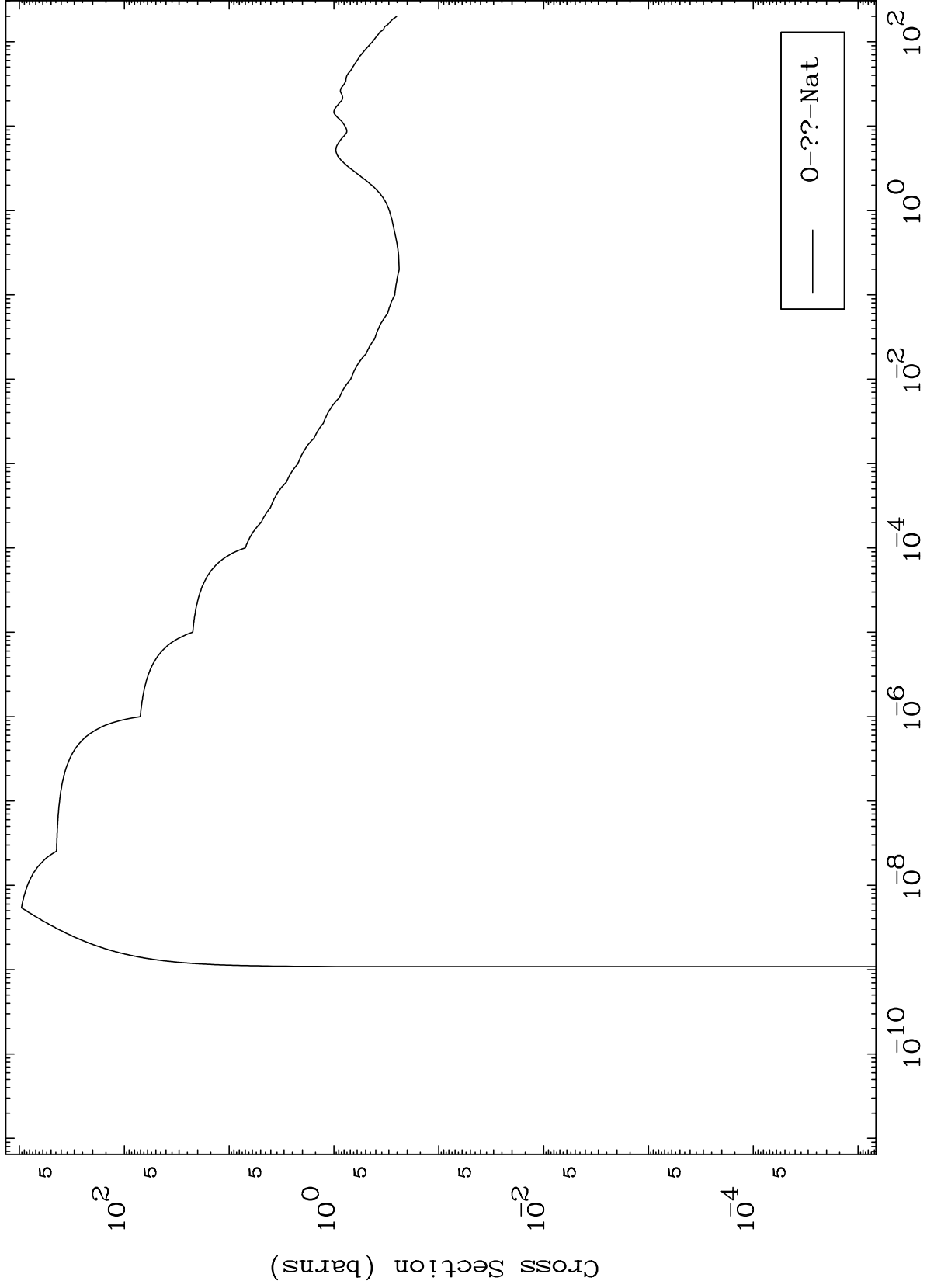
81-Tl-186

MAT 8074

Fission

81-Tl-186

Radionuclide Production Cross Section



62

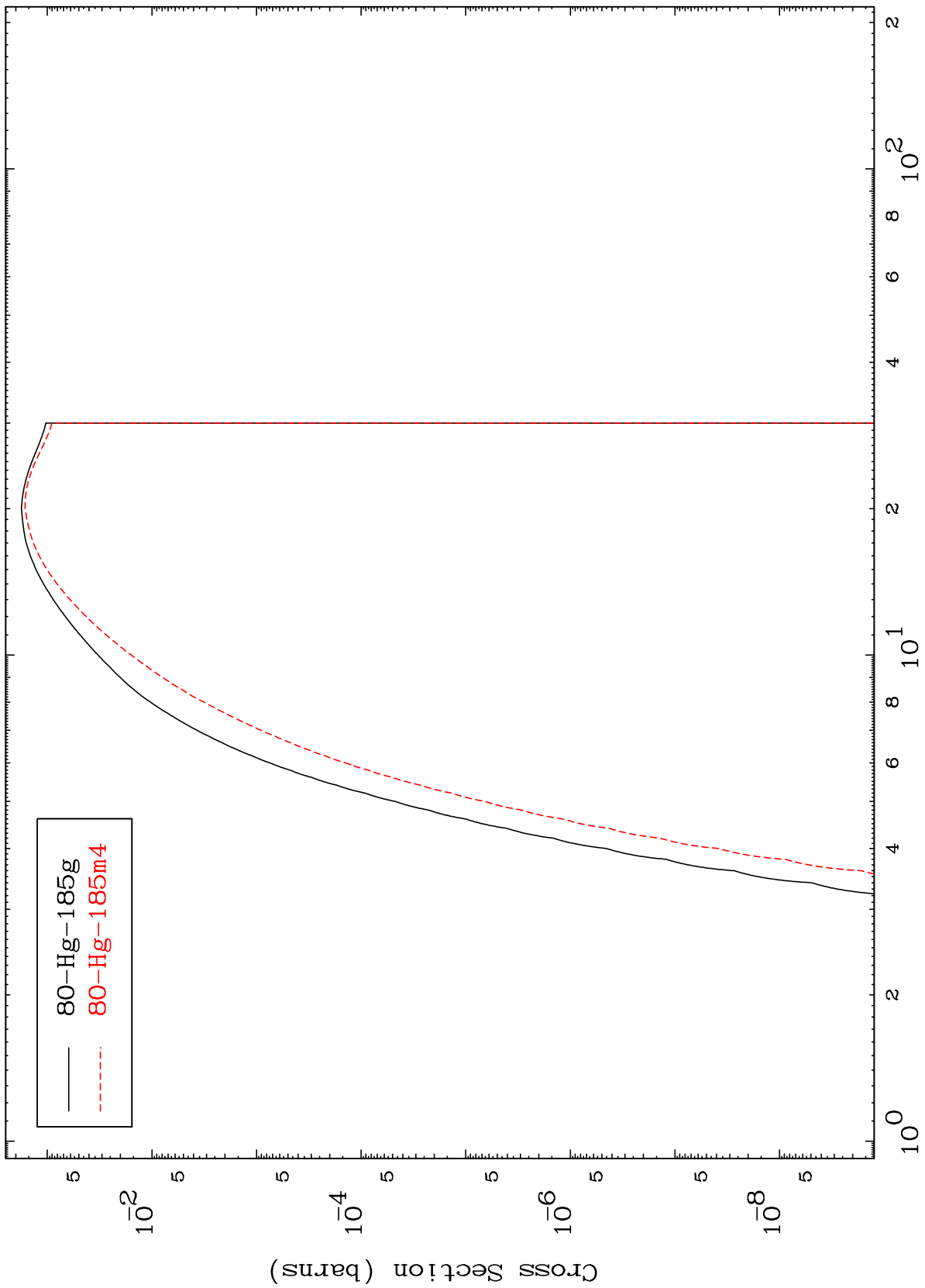
Incident Energy (MeV)

81-Tl-186

MAT 8074

81-Tl-186

(n,n') p  
Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-186

63

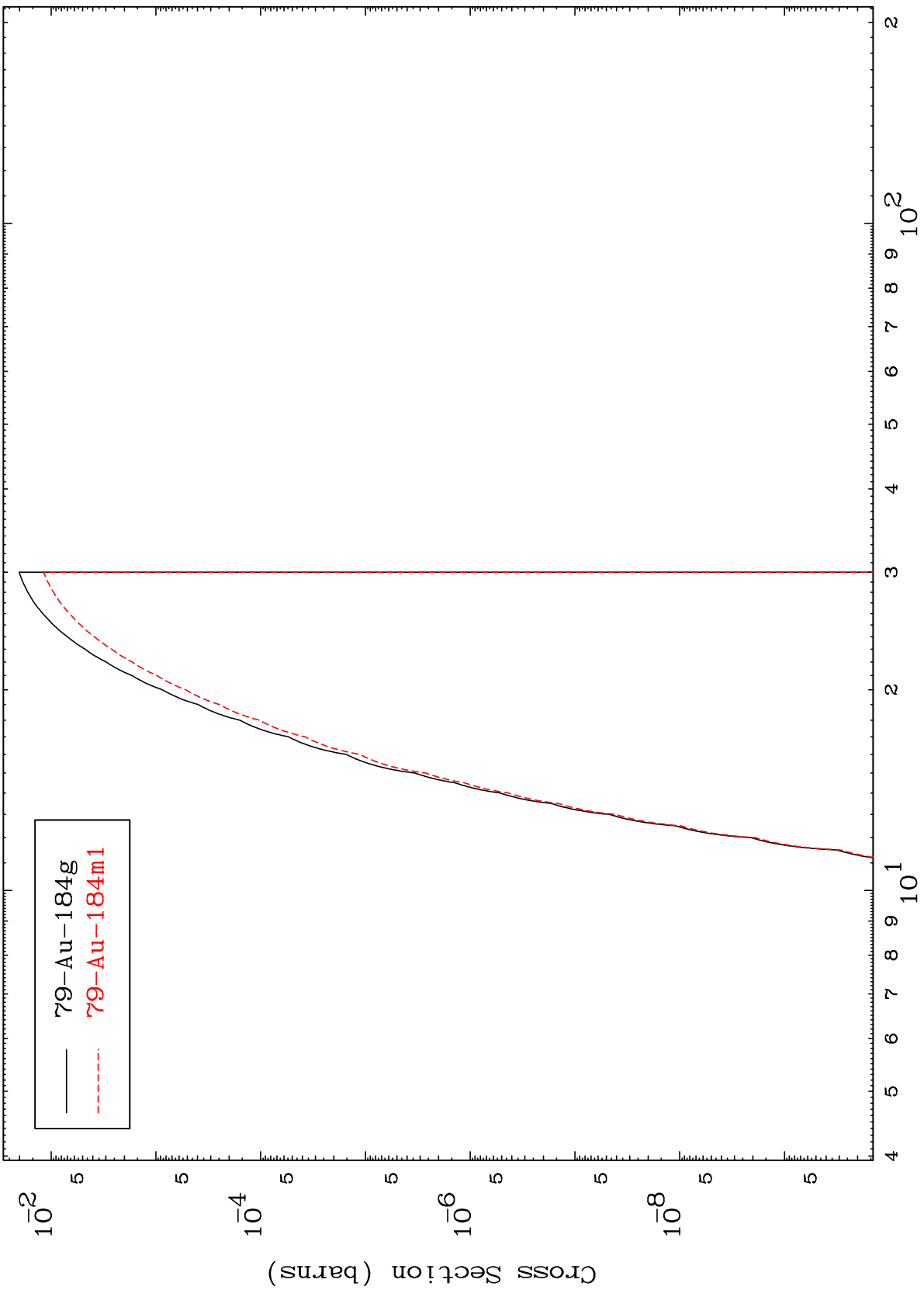


MAT 8074

(n,2n) p

81-Tl-186

Radionuclide Production Cross Section



64

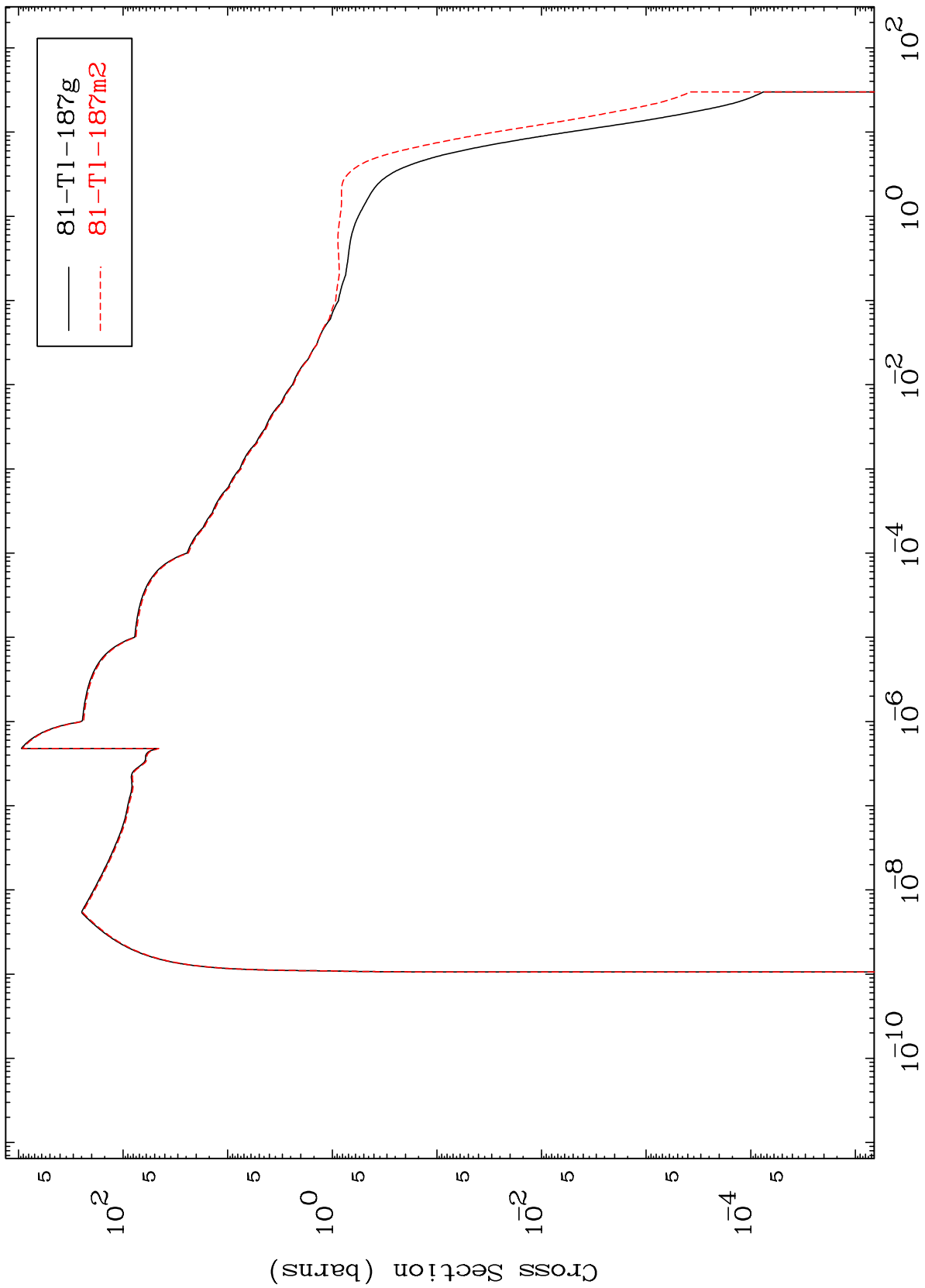
Incident Energy (MeV)

81-Tl-186

MAT 8074

81-Tl-186

(n,γ)  
Radionuclide Production Cross Section



65

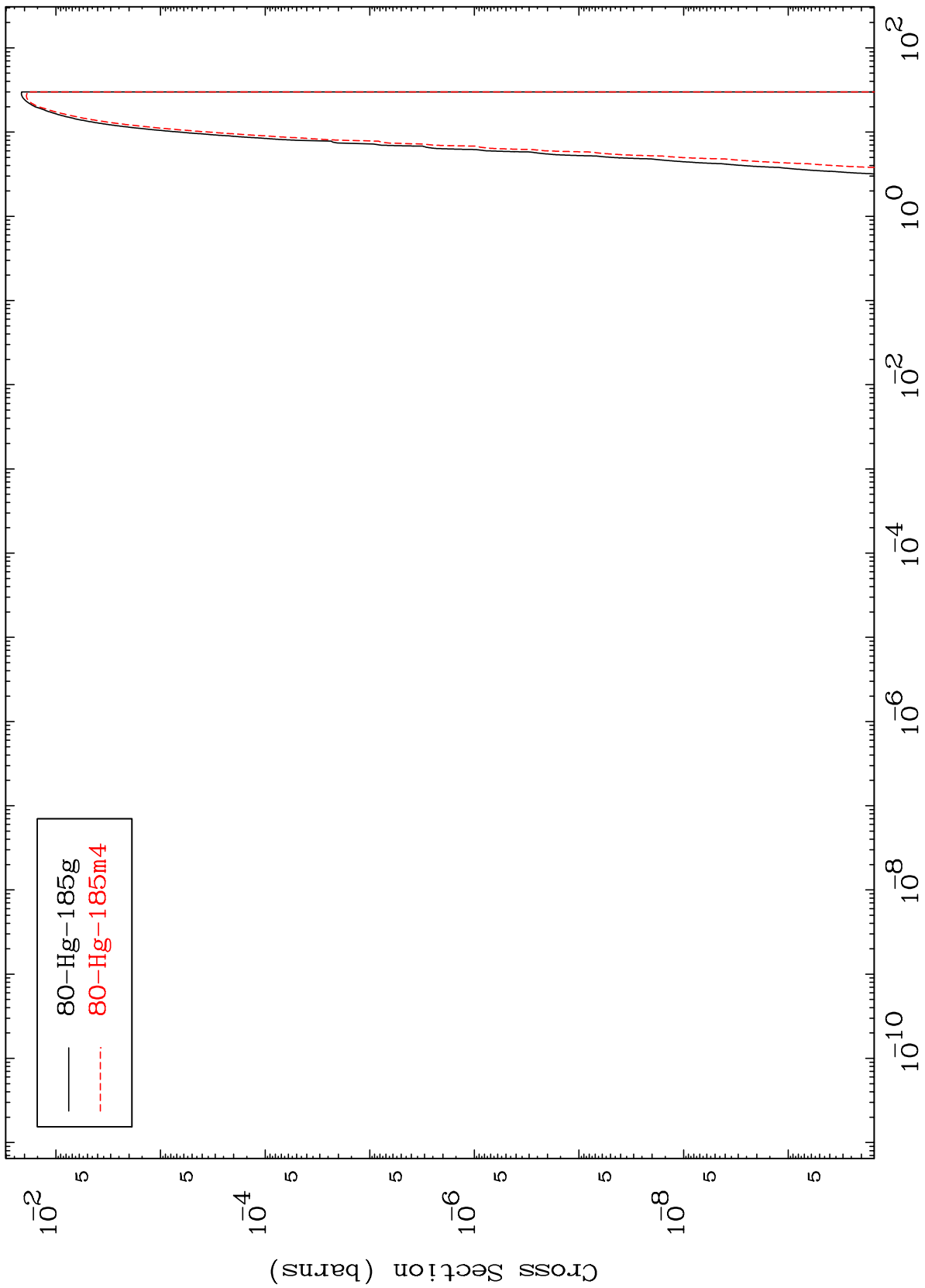
81-Tl-186

MAT 8074

(n,d)

81-Tl-186

Radionuclide Production Cross Section



80-Hg-185g  
80-Hg-185m4

Incident Energy (MeV)

81-Tl-186

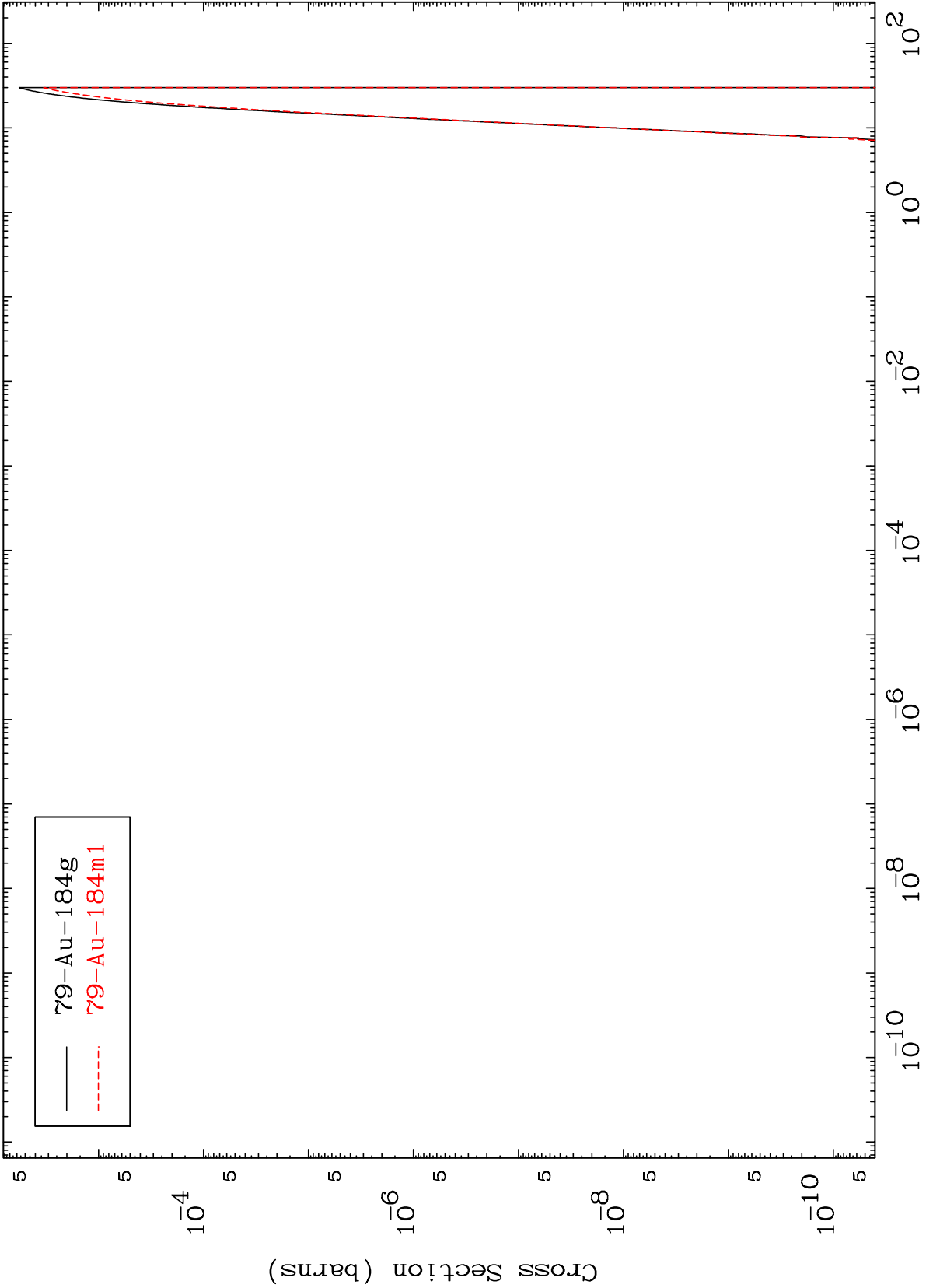
66

MAT 8074

(n,He-3)

81-Tl-186

Radionuclide Production Cross Section



—  $^{79}\text{Au-184g}$   
- - -  $^{79}\text{Au-184m1}$

67

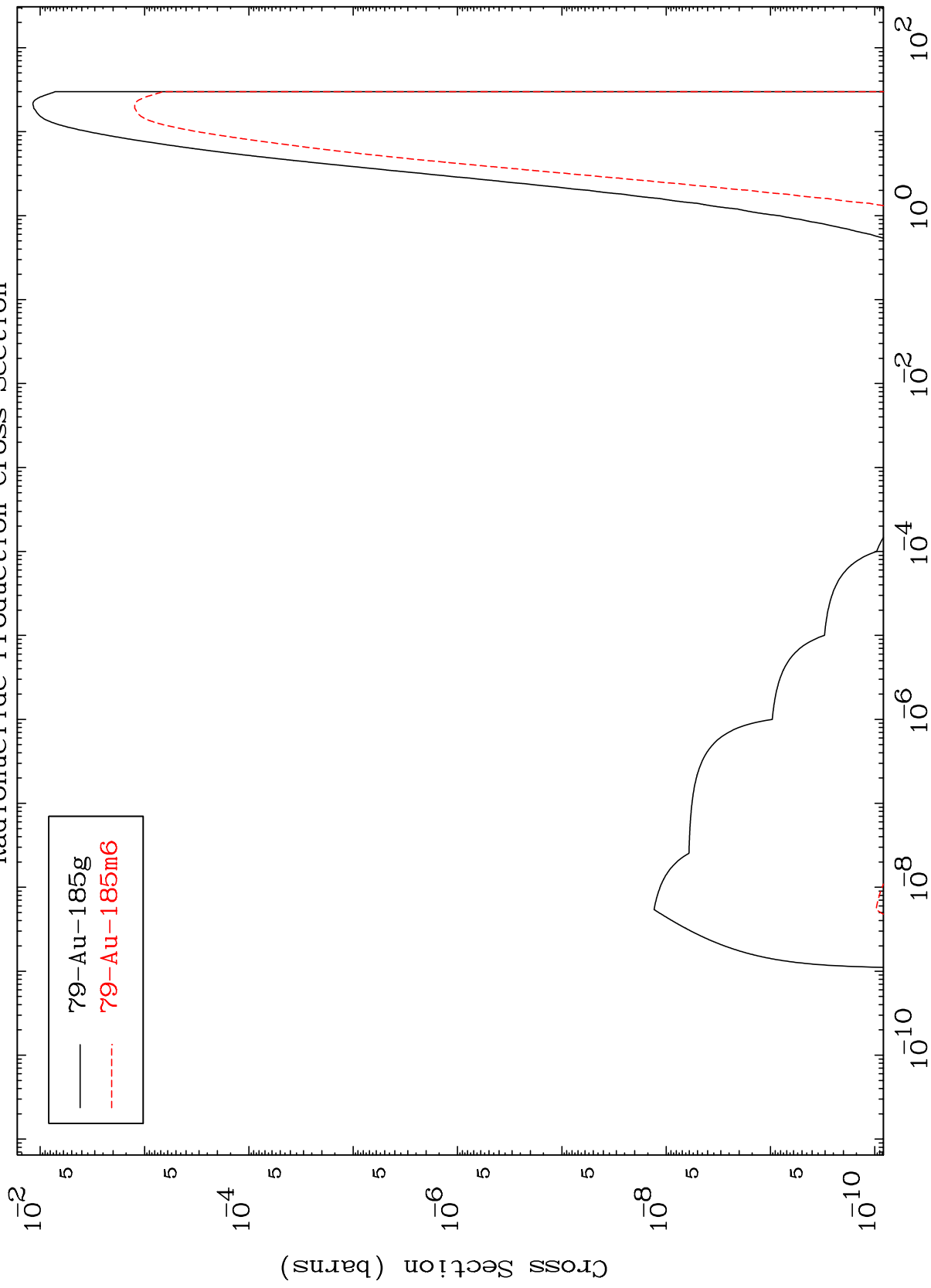
Incident Energy (MeV)

81-Tl-186

MAT 8074

81-Tl-186

(n,2p)  
Radionuclide Production Cross Section



81-Tl-186

Incident Energy (MeV)

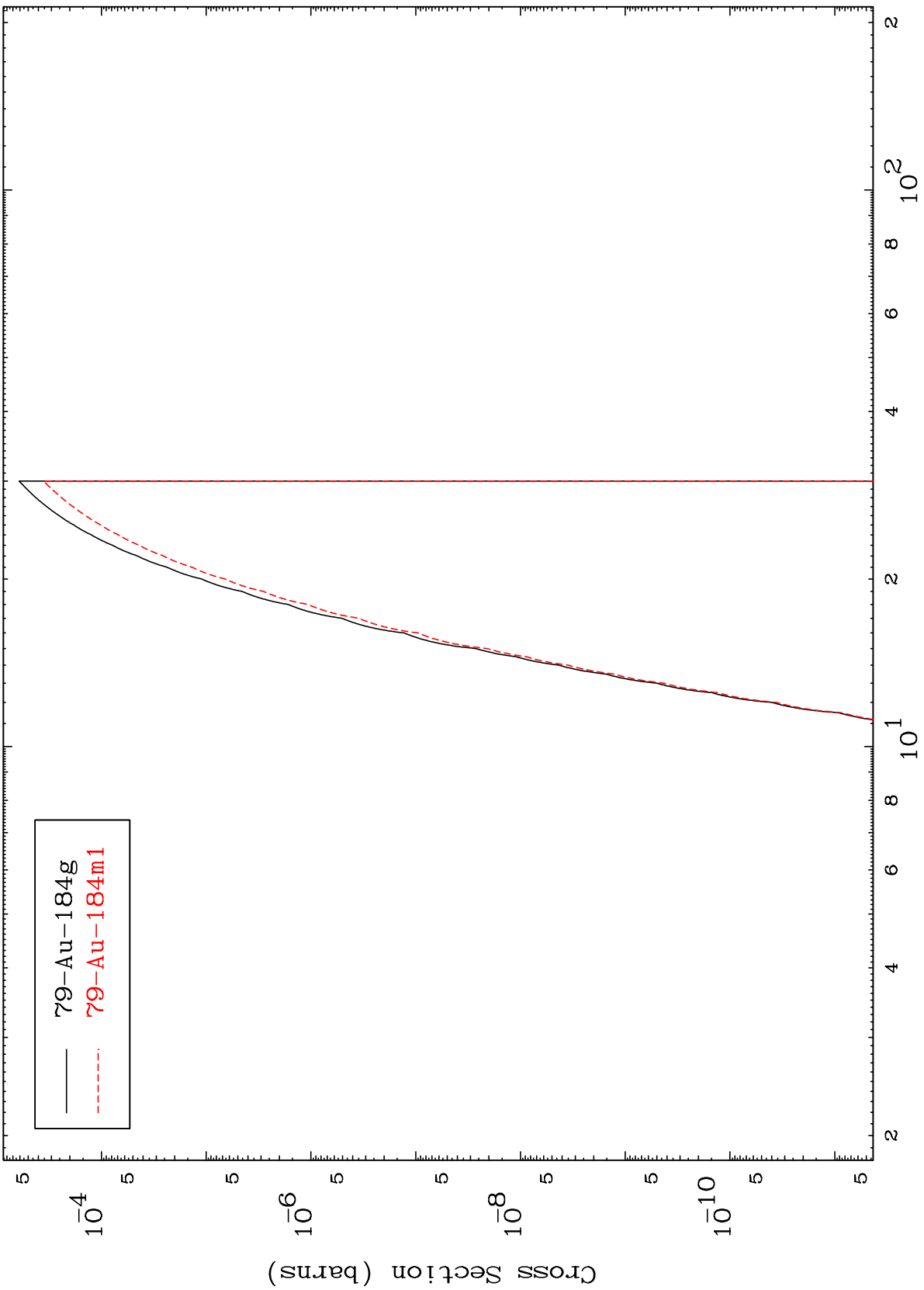
68

MAT 8074

(n,p) d

81-Tl-186

Radionuclide Production Cross Section



69

Incident Energy (MeV)

81-Tl-186