

Program EVALPLOT  
(Version 2018-1)

by

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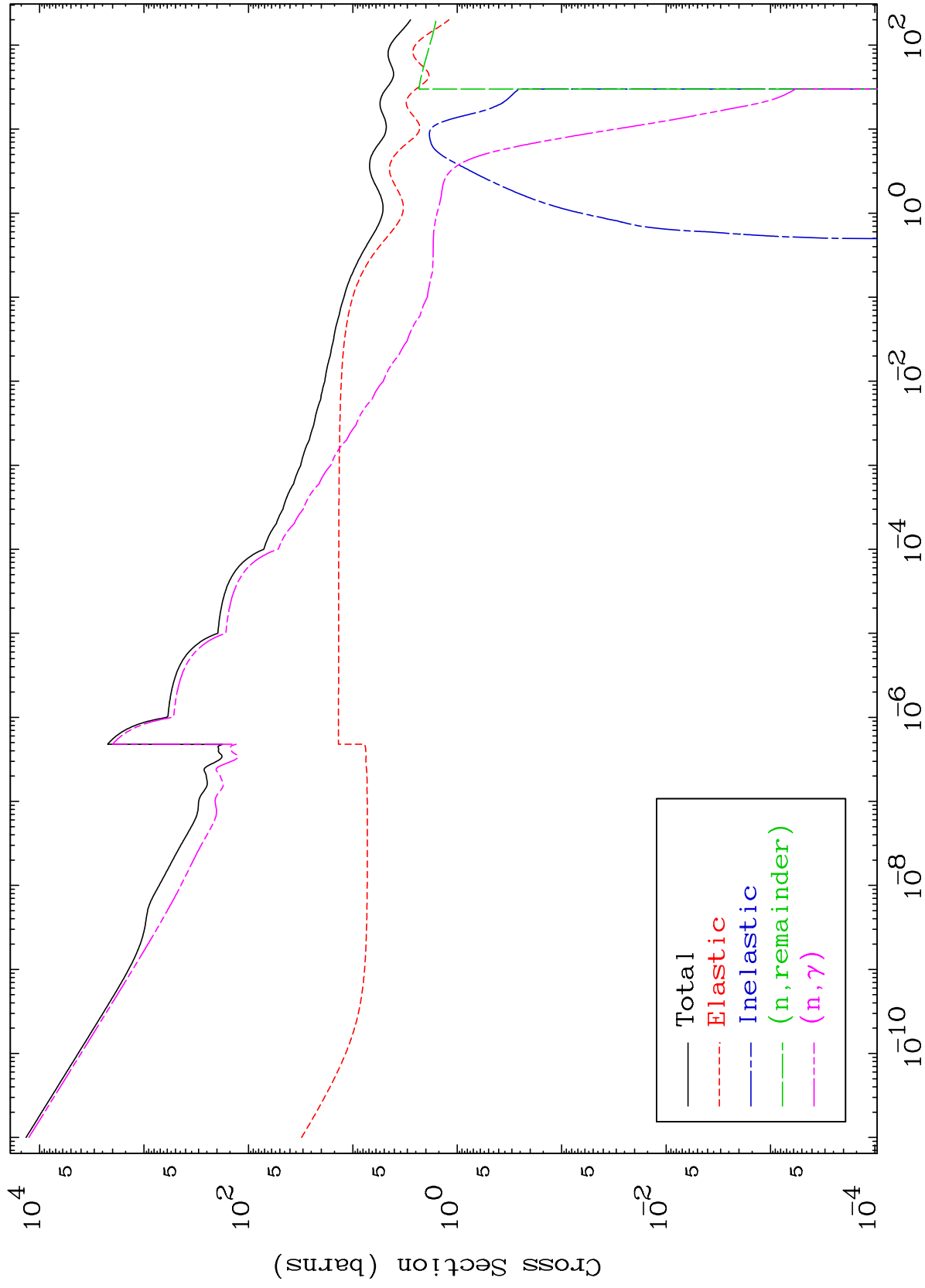
Press Mouse Button to Start

MAT 8074

Major

293 Kelvin Cross Sections

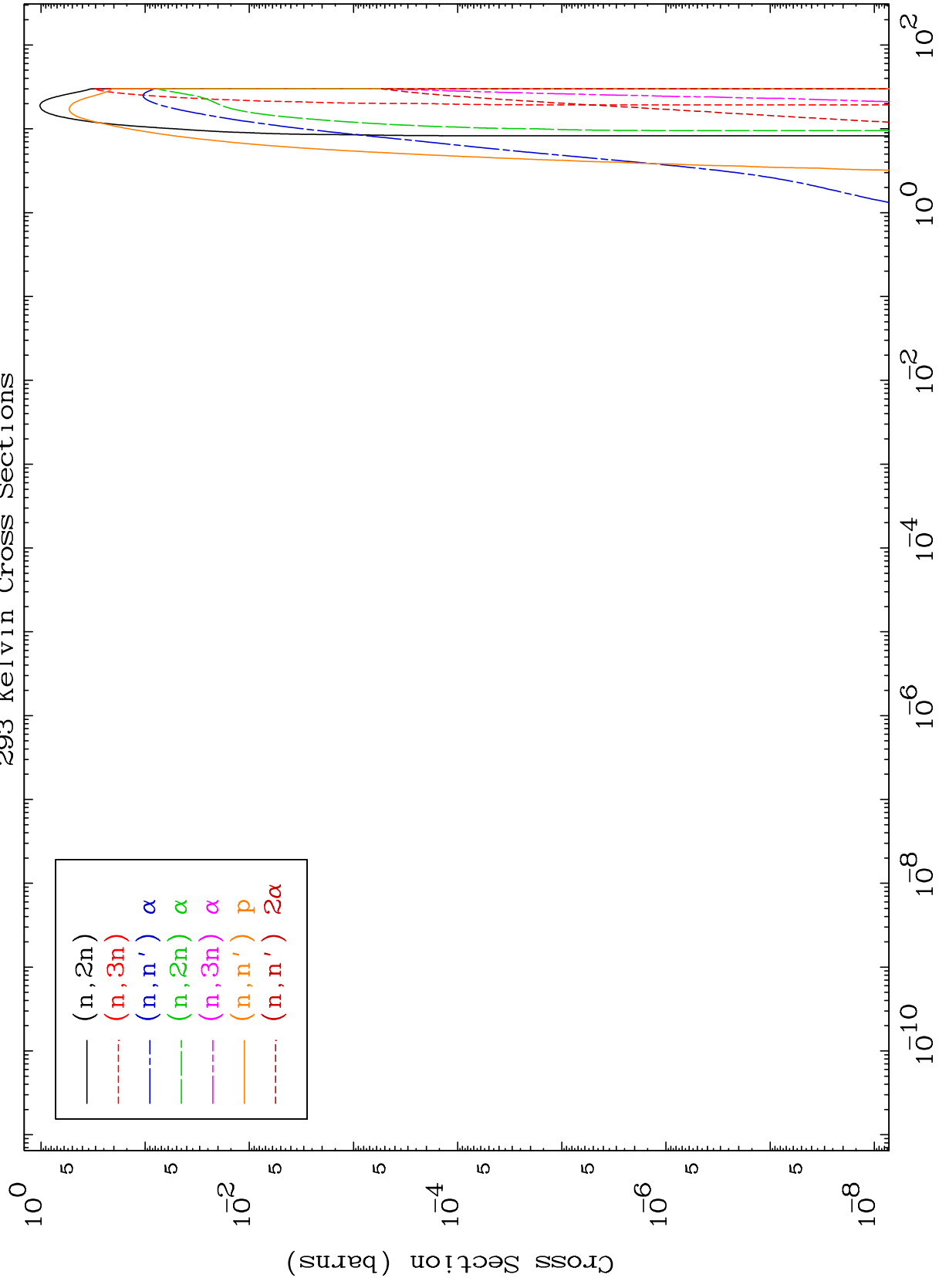
81-Tl-186



MAT 8074

Neutron Production  
293 Kelvin Cross Sections

81-Tl-186



2

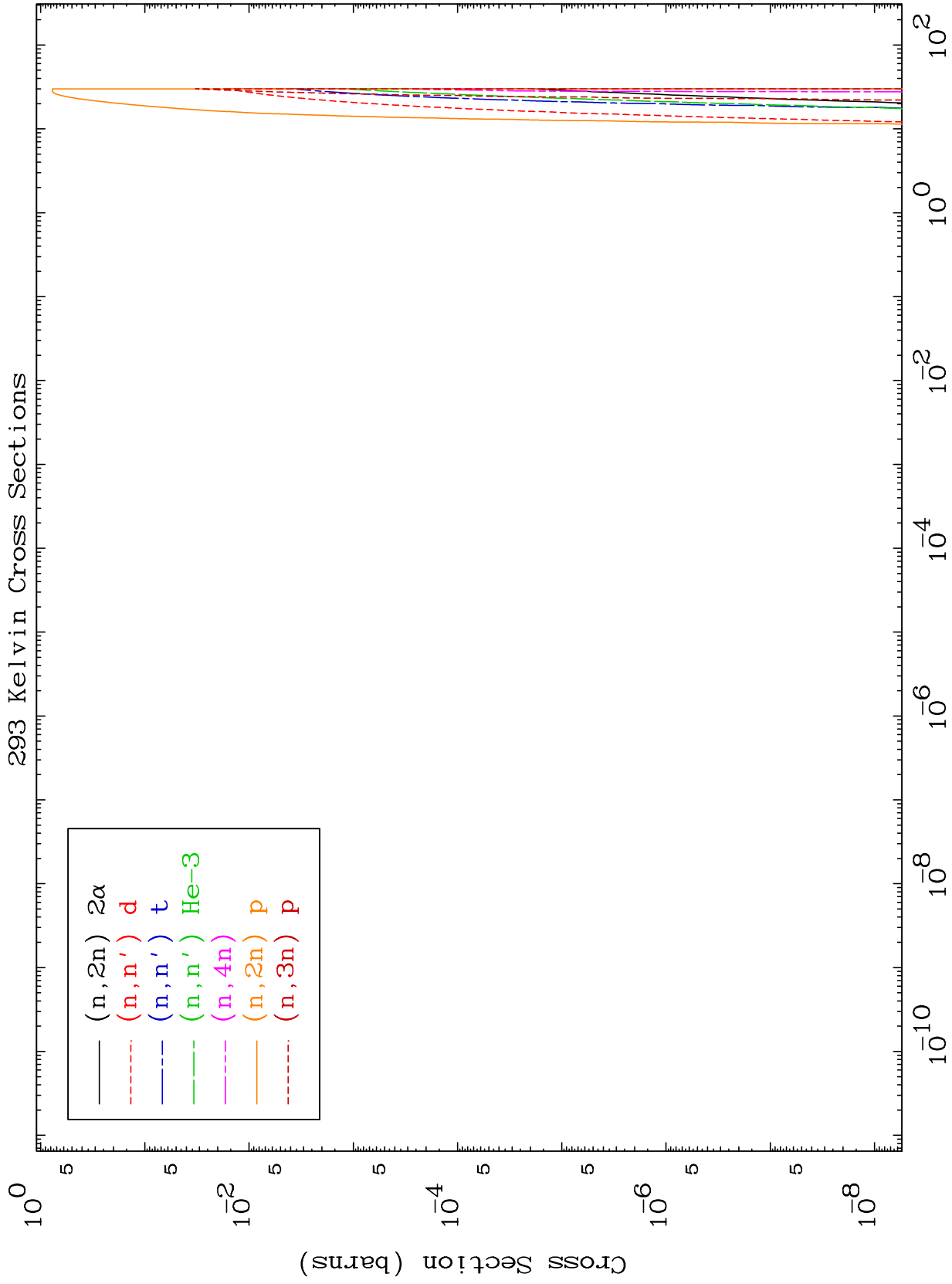
Incident Energy (MeV)

81-Tl-186

MAT 8074

Neutron Production  
293 Kelvin Cross Sections

81-Tl-186



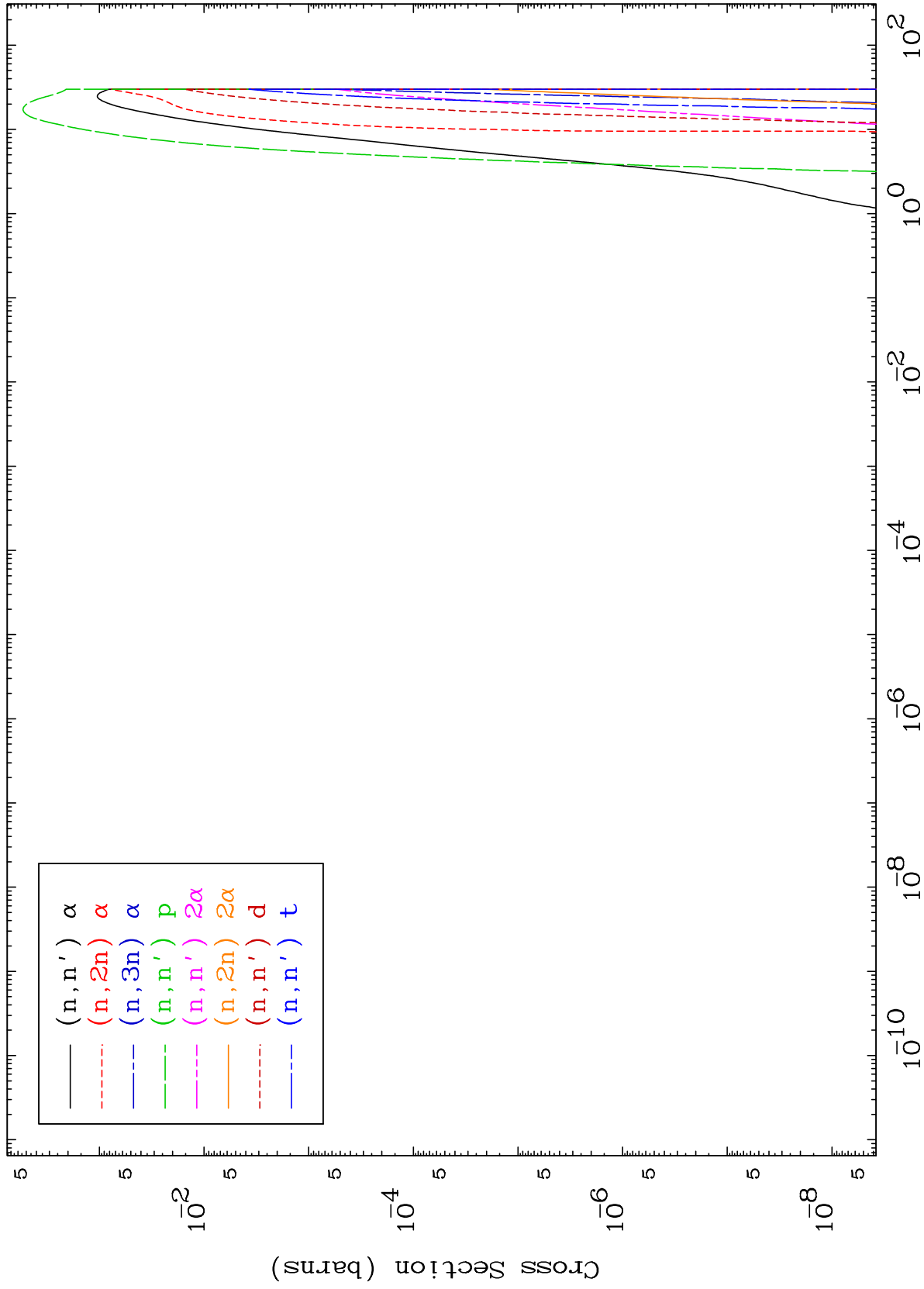
3

81-Tl-186

MAT 8074

293 Kelvin Cross Sections

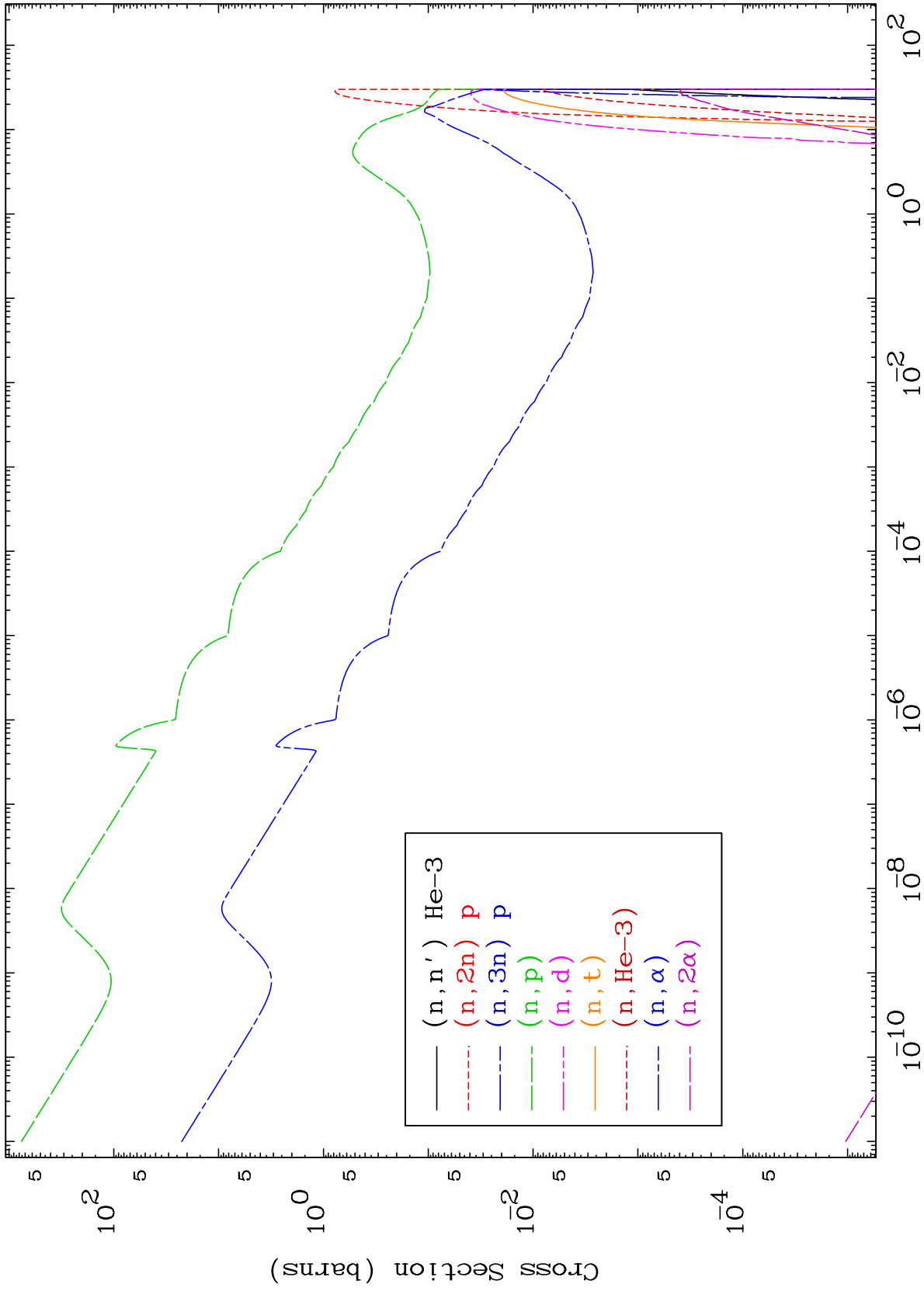
81-Tl-186



MAT 8074

Charged Particle  
293 Kelvin Cross Sections

81-Tl-186



5

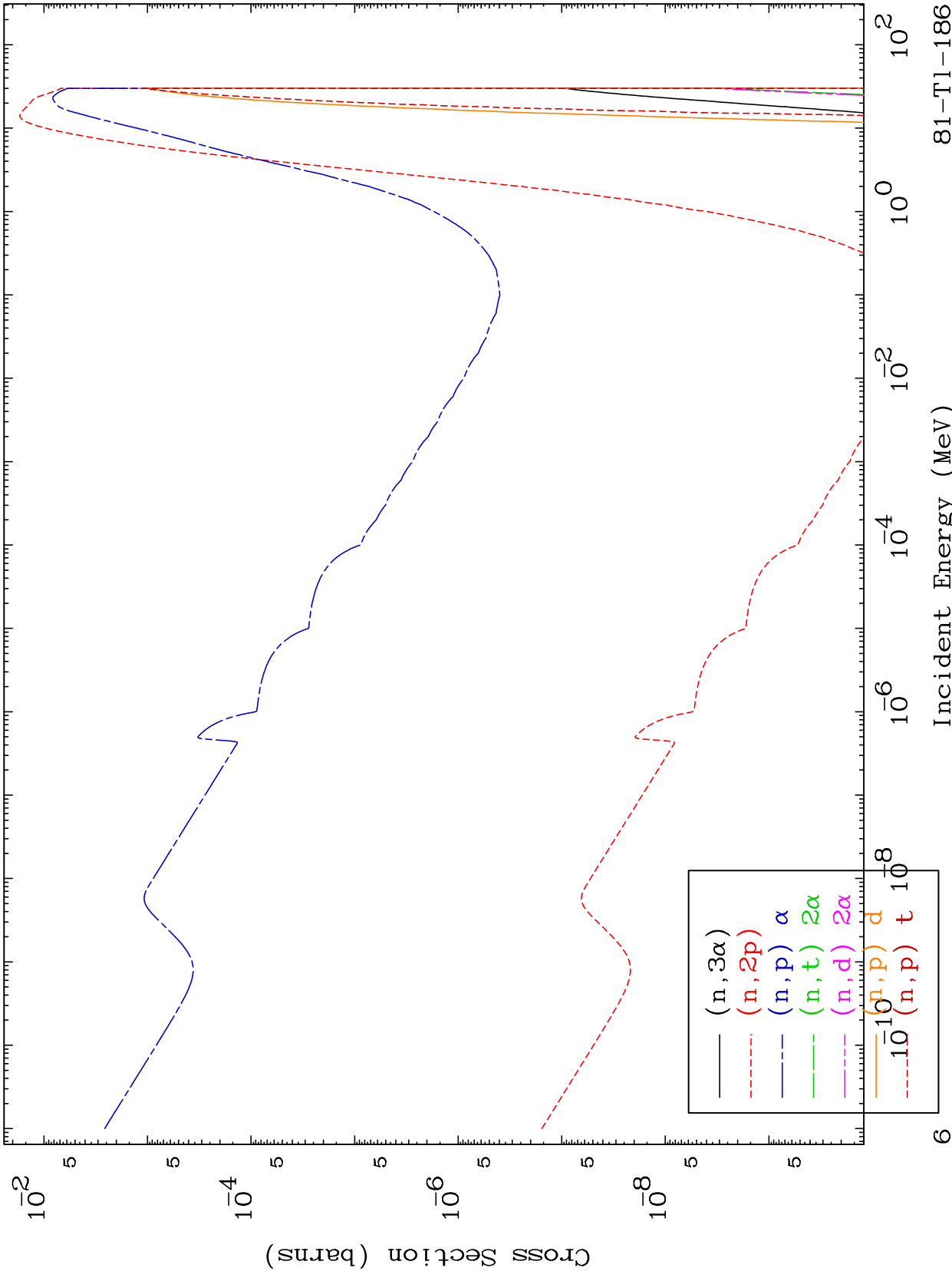
Incident Energy (MeV)

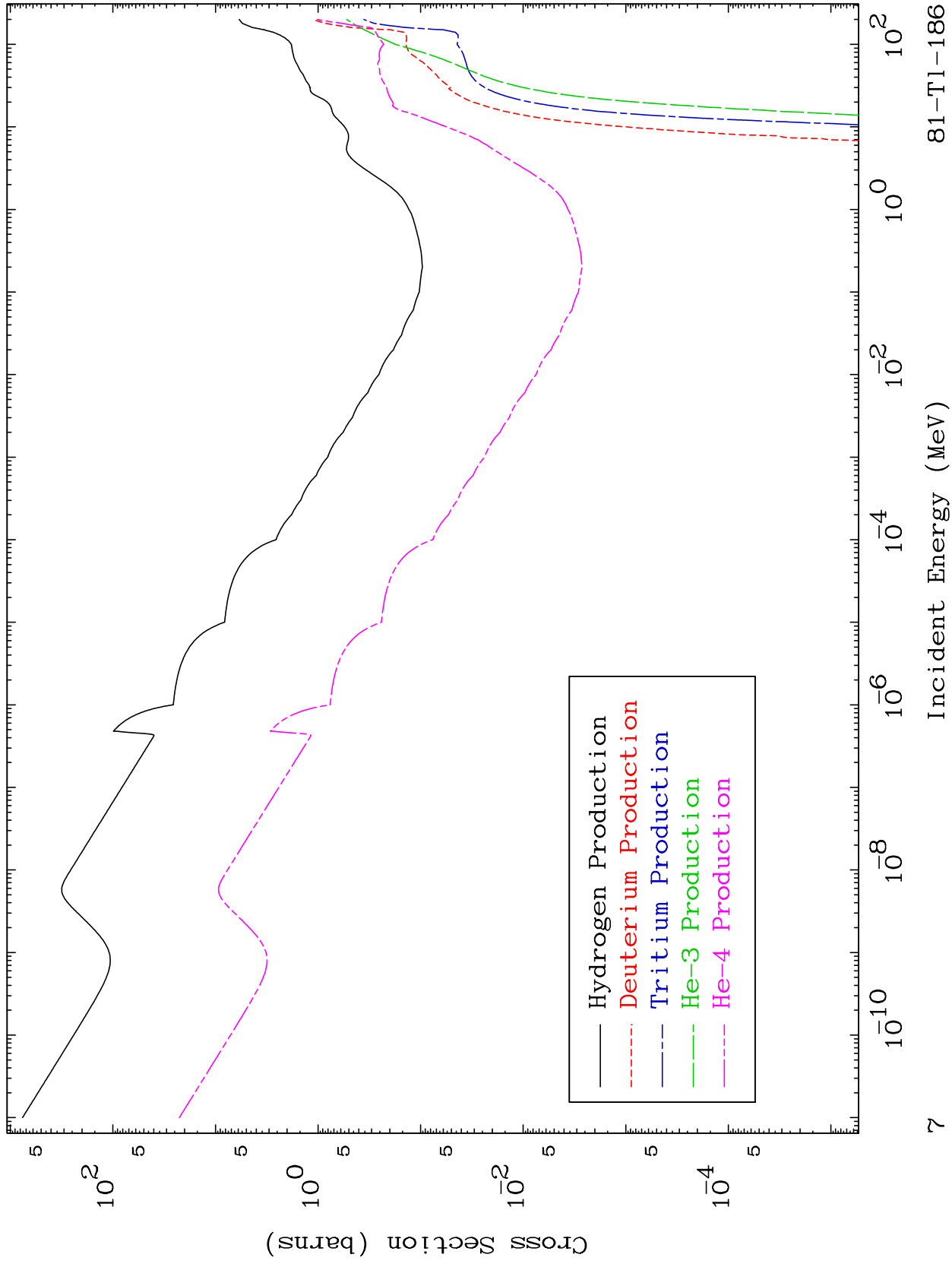
81-Tl-186

MAT 8074

293 Kelvin Cross Sections

81-Tl-186



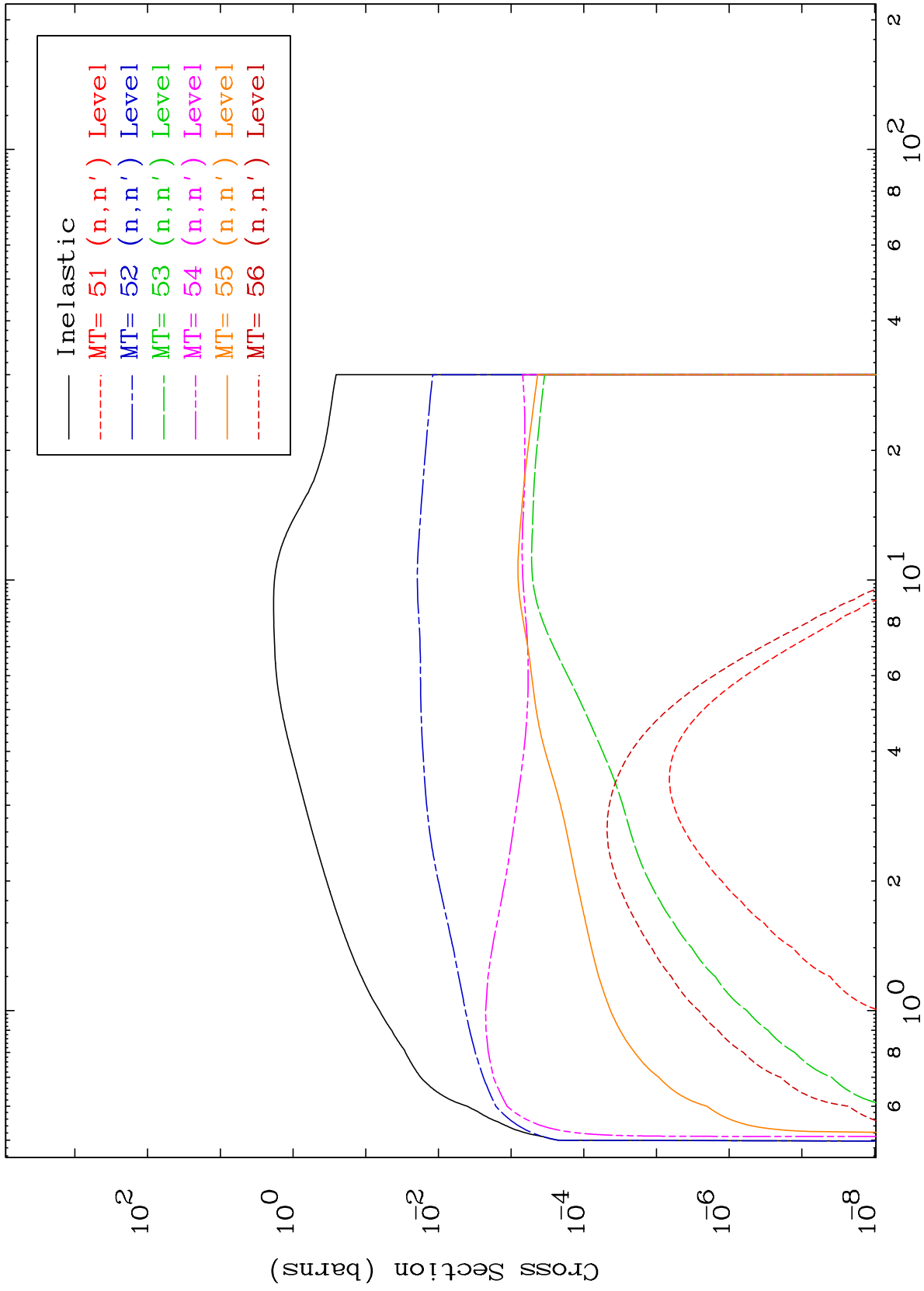




MAT 8074

(n,n') Level  
293 Kelvin Cross Sections

81-Tl-186



8

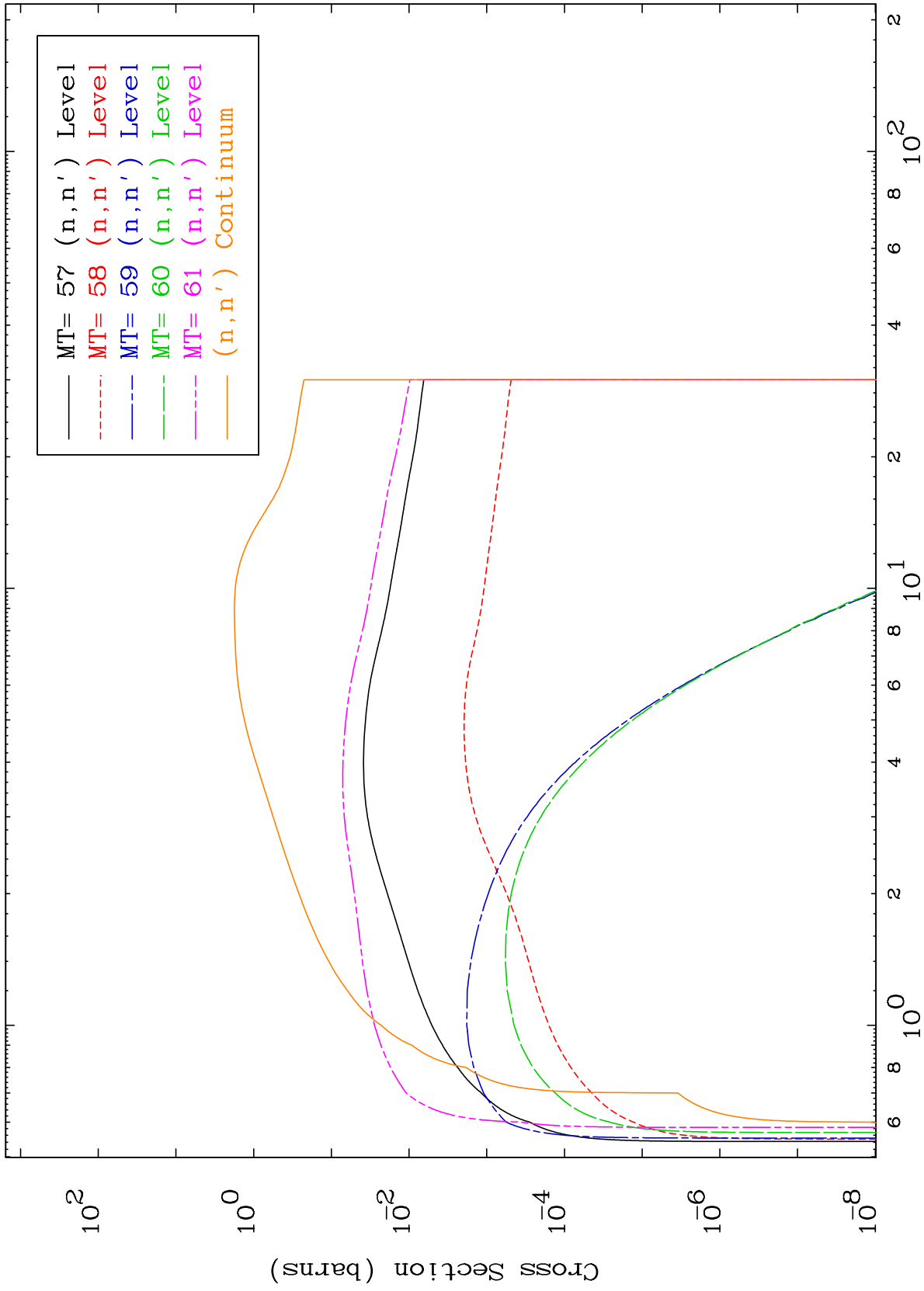
Incident Energy (MeV)

81-Tl-186

MAT 8074

(n,n') Level  
293 Kelvin Cross Sections

81-Tl-186



9

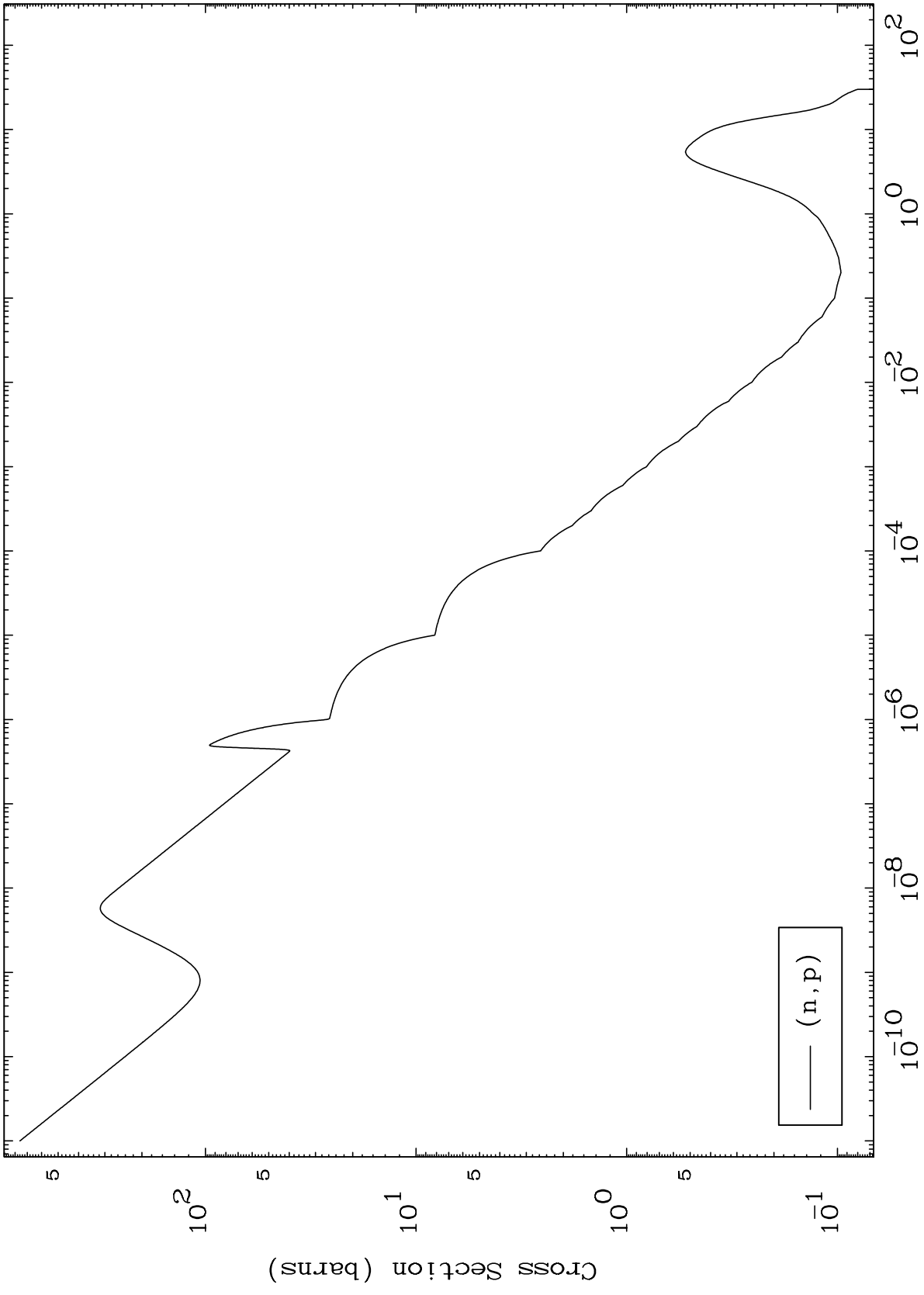
Incident Energy (MeV)

81-Tl-186

MAT 8074

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-186



10

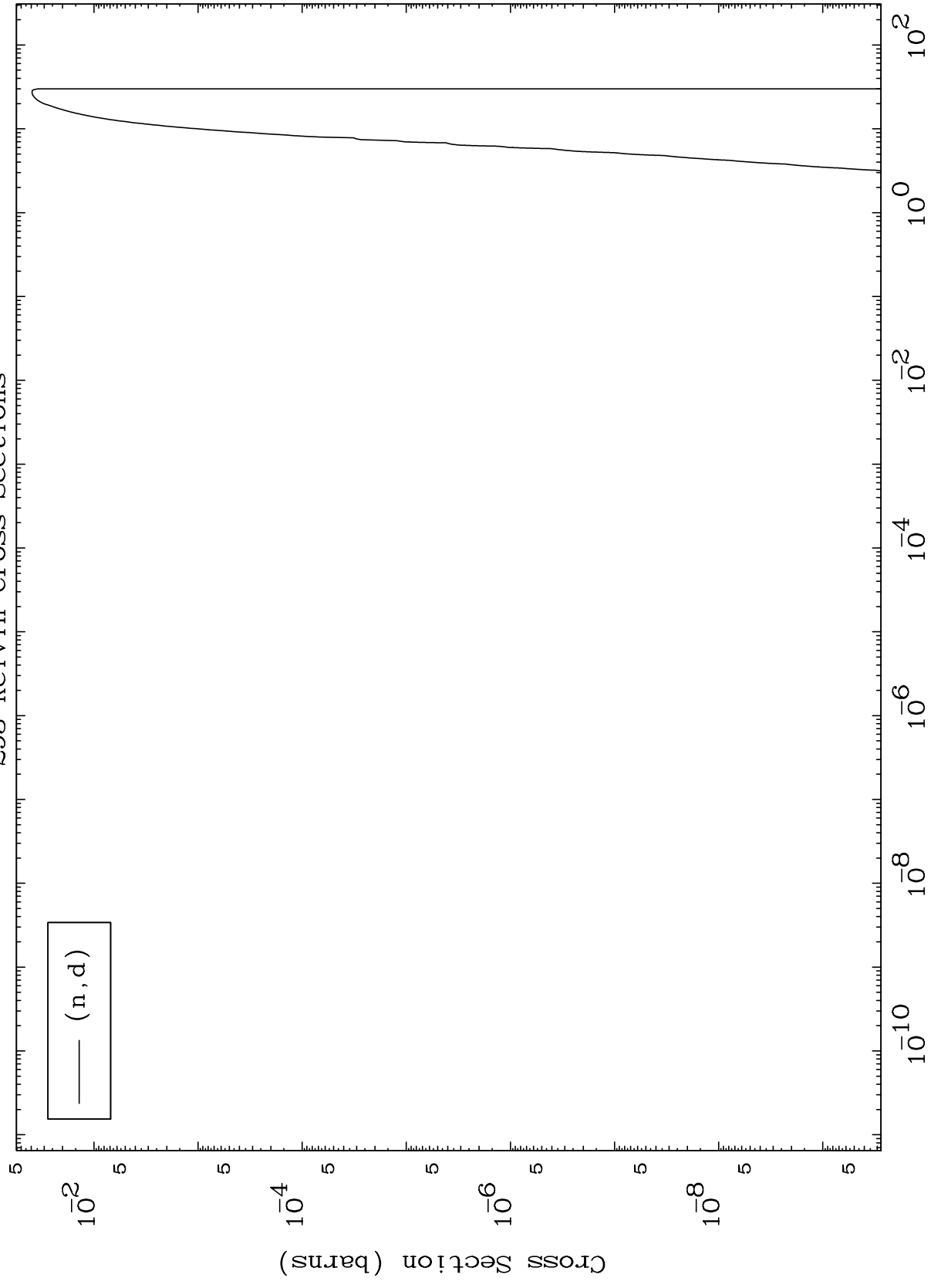
Incident Energy (MeV)

81-Tl-186

MAT 8074

(n,d) Levels  
293 Kelvin Cross Sections

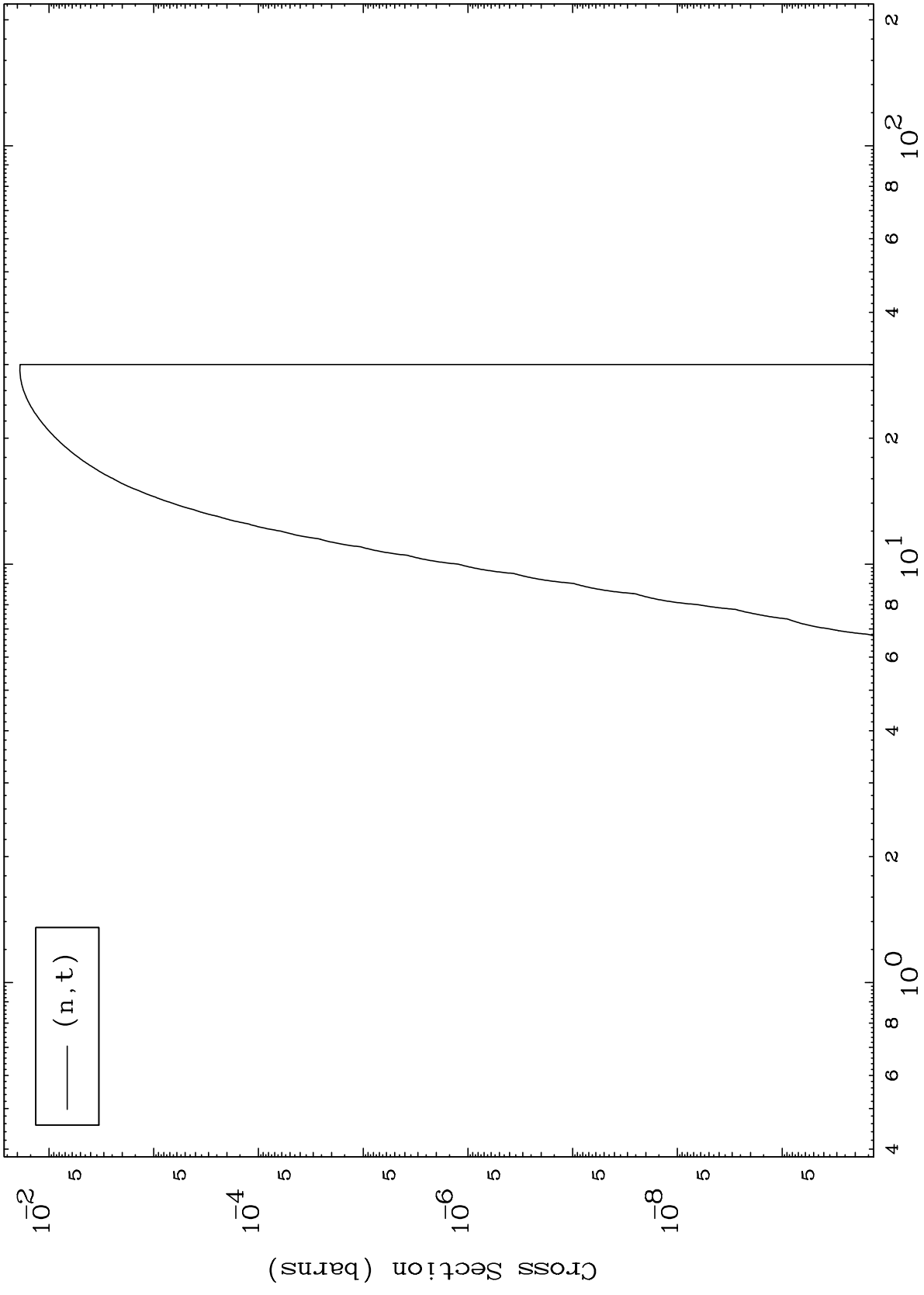
81-Tl-186



MAT 8074

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-186



12

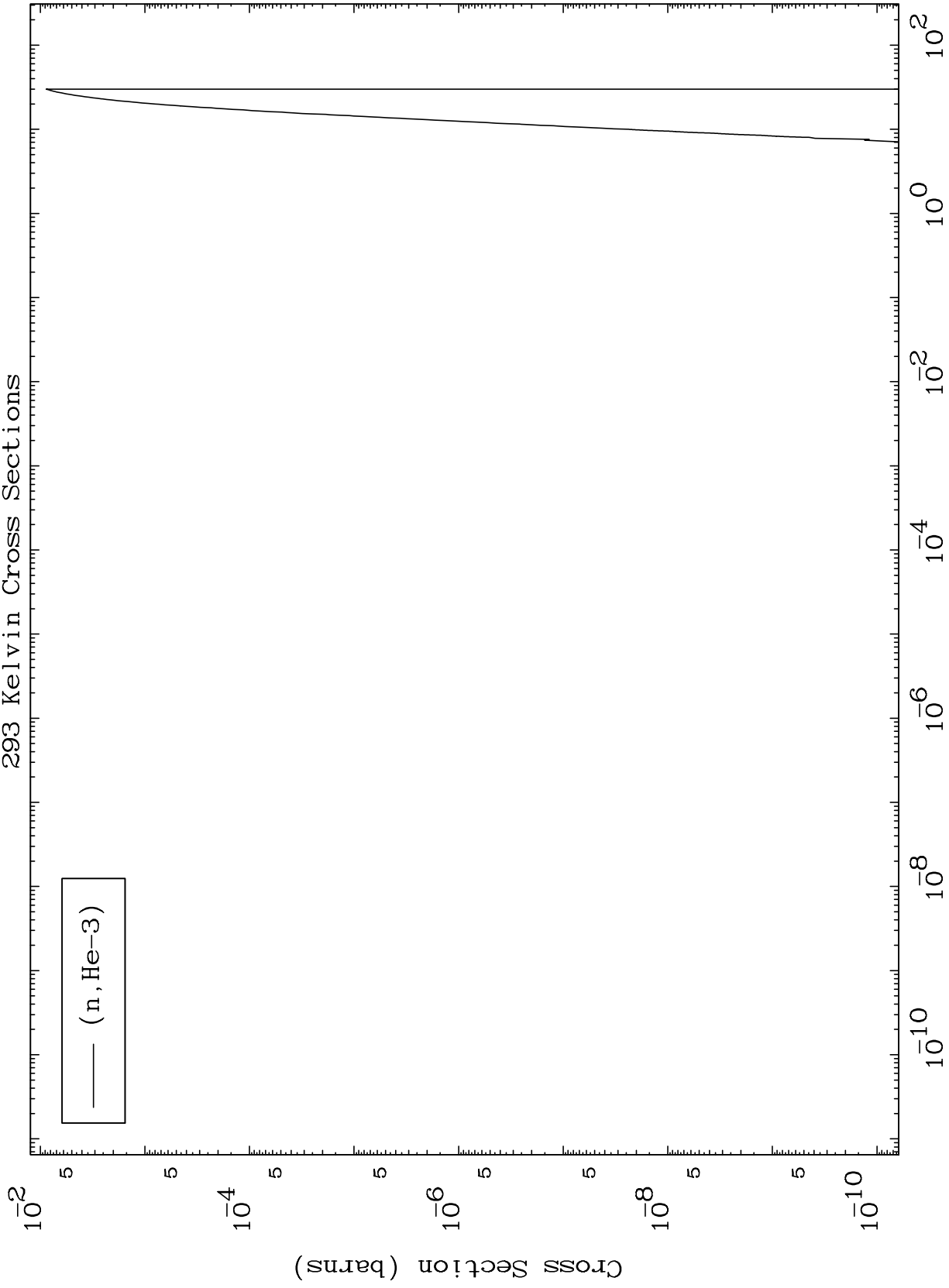
Incident Energy (MeV)

81-Tl-186

MAT 8074

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-186



13

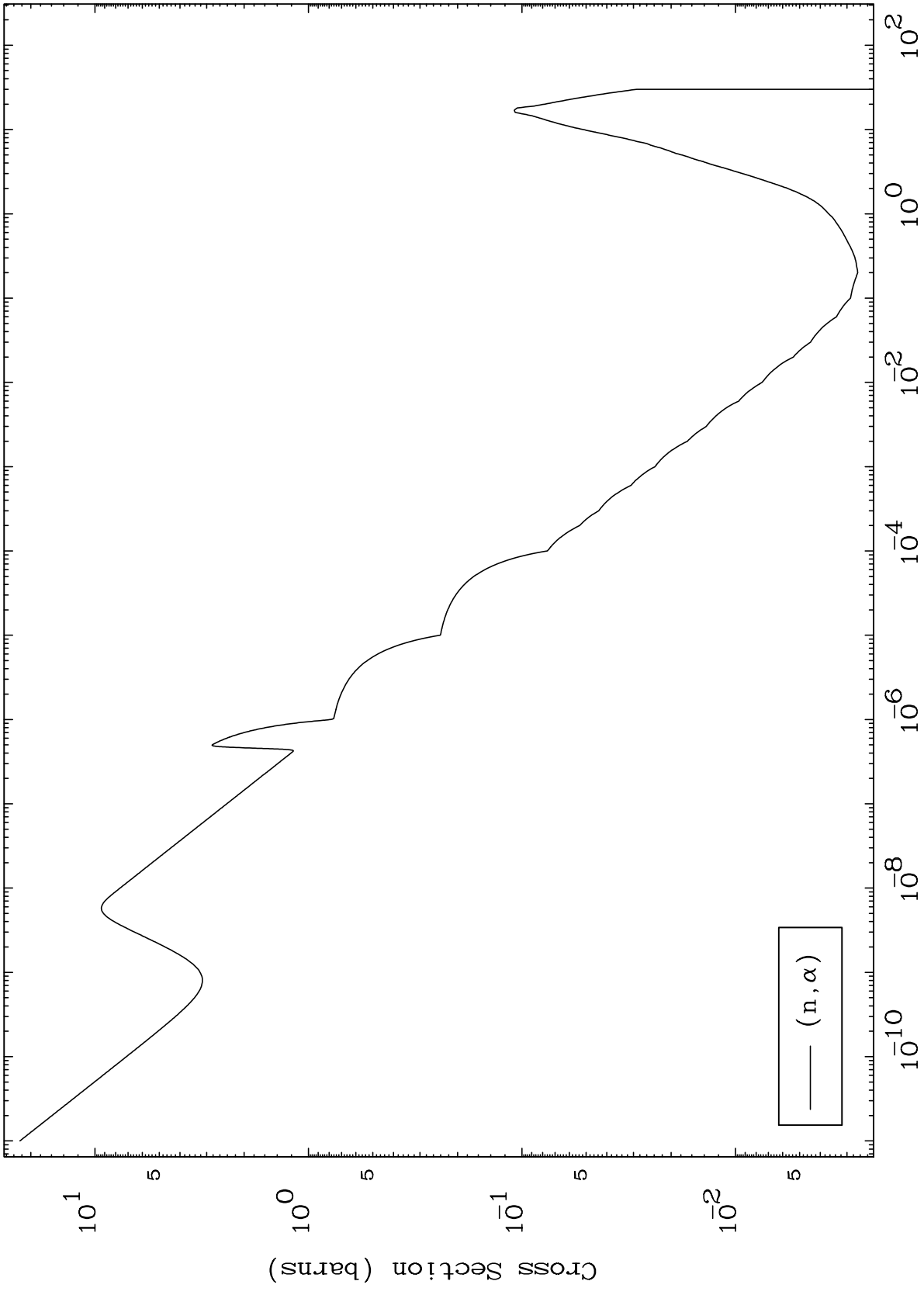
Incident Energy (MeV)

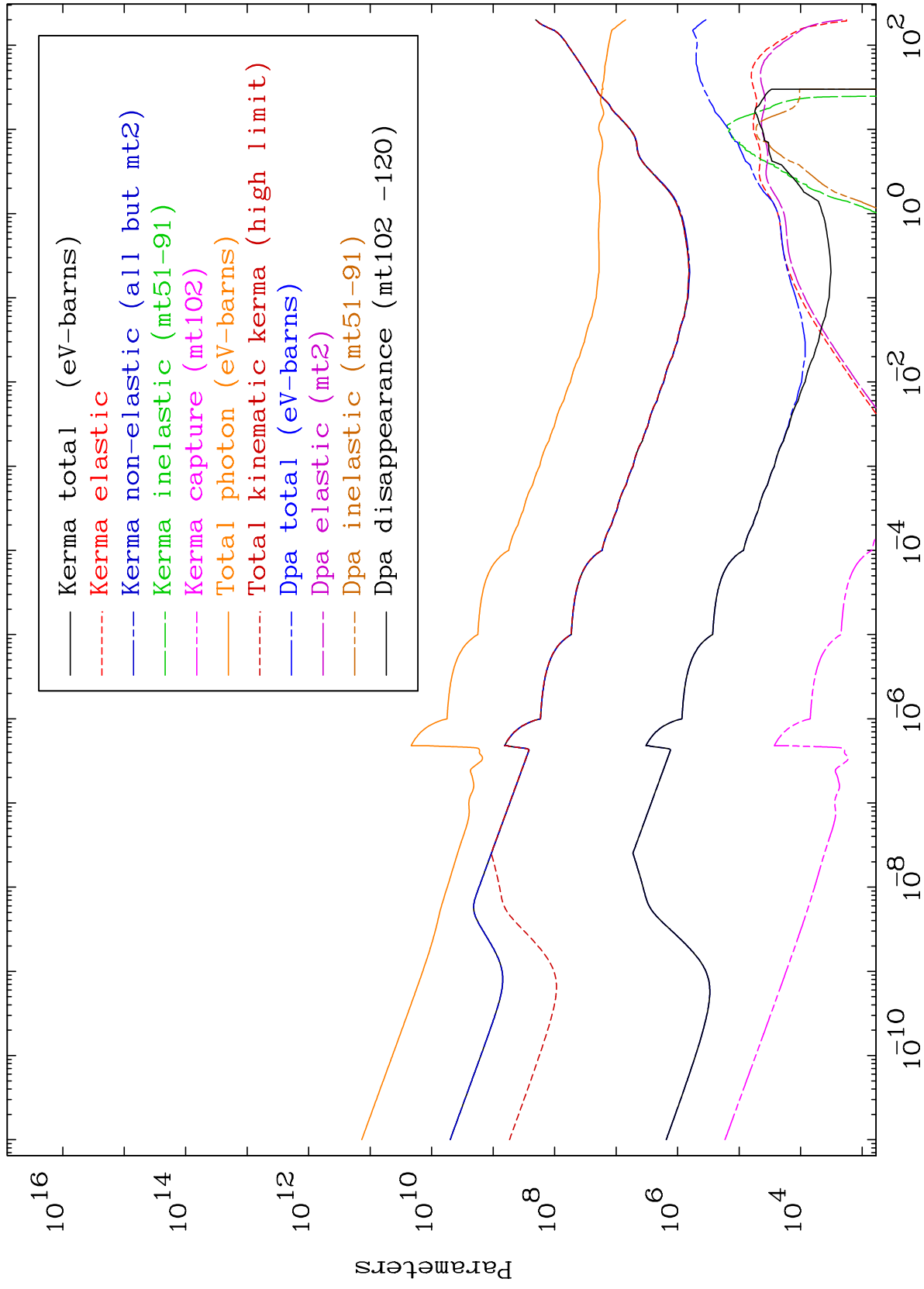
81-T1-186

MAT 8074

(n,α) Levels  
293 Kelvin Cross Sections

81-Tl-186



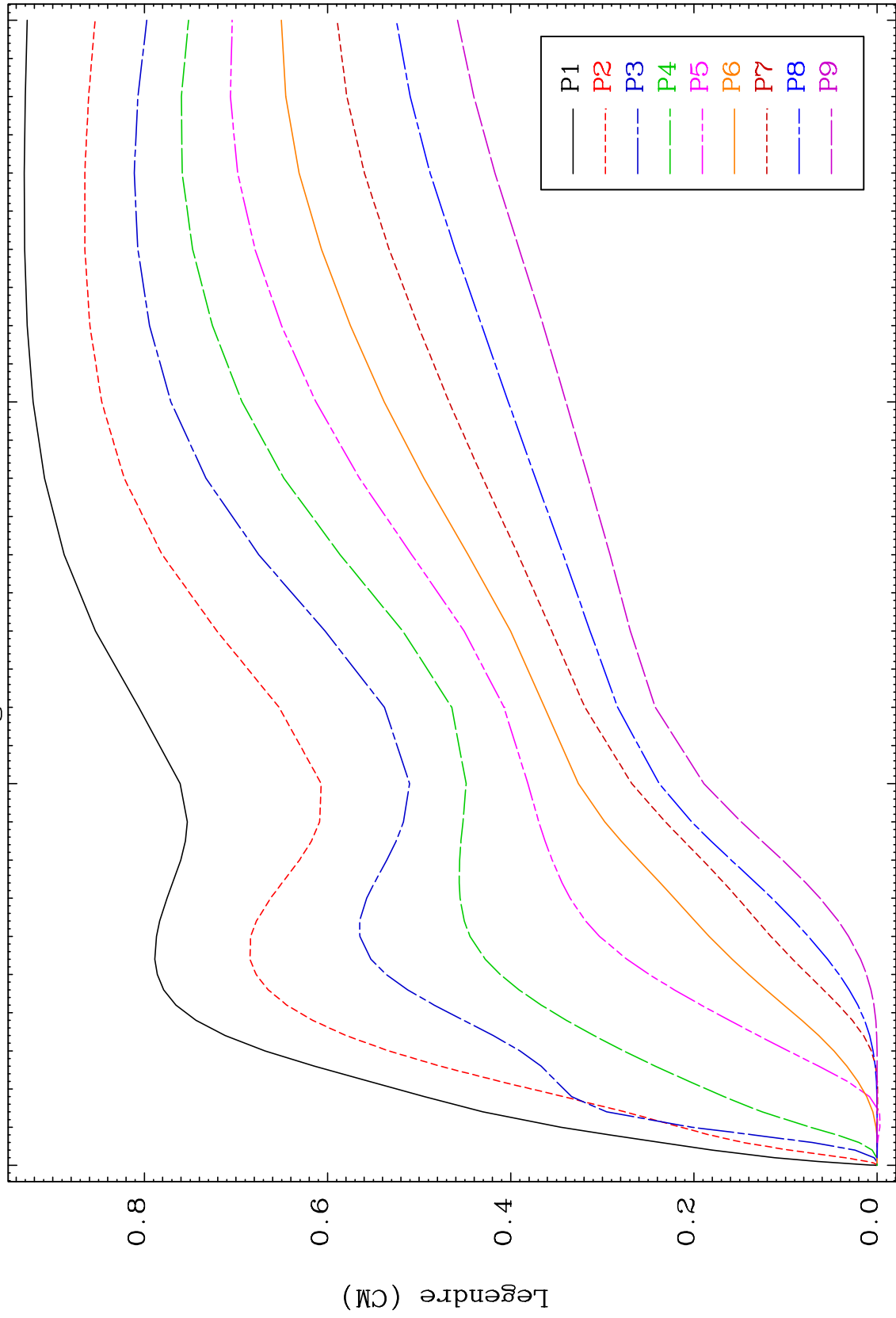




MAT 8074

Elastic Legendre Coefficients

81-T1-186



16

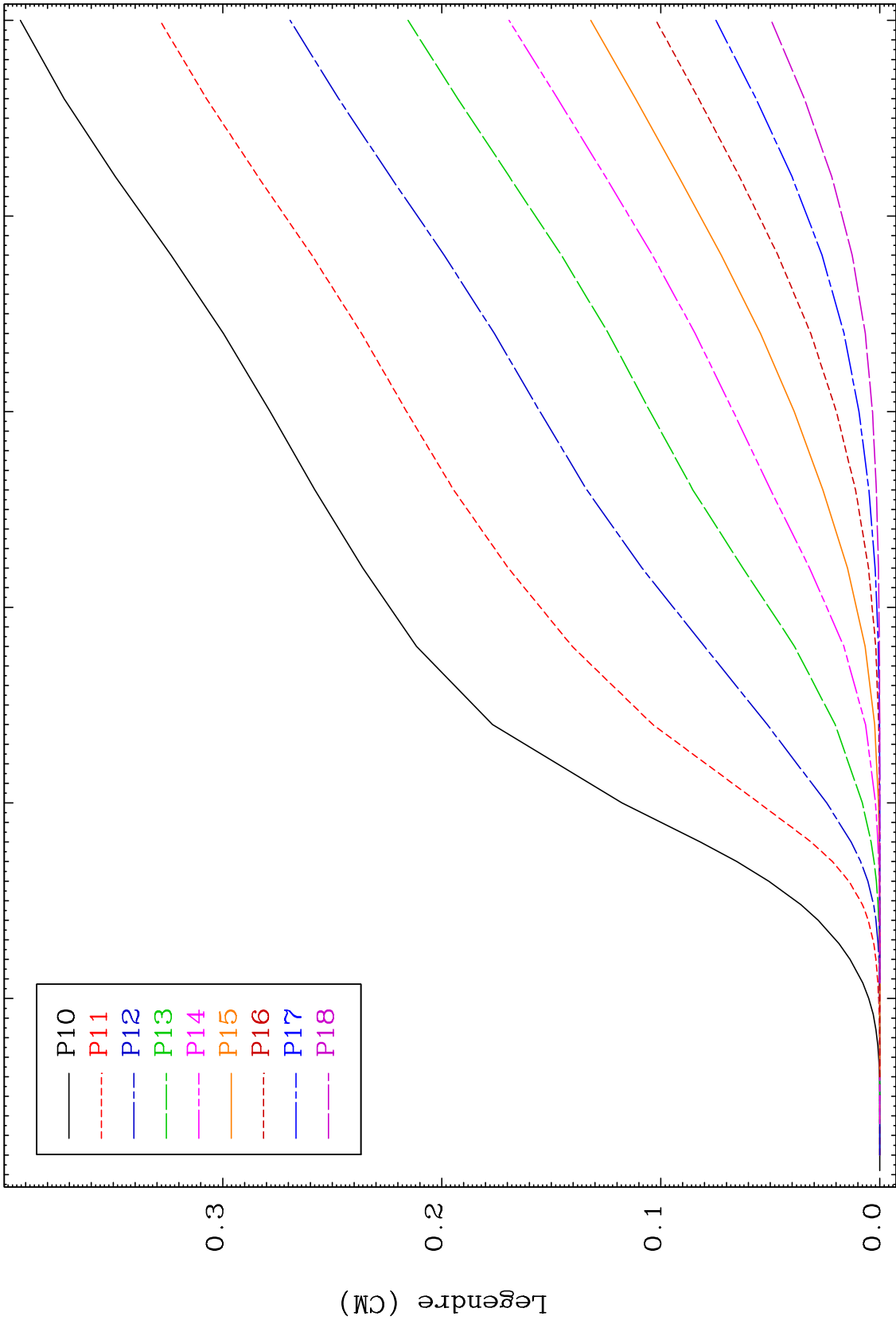
Incident Energy (MeV)

81-T1-186

MAT 8074

Elastic Legendre Coefficients

81-Tl-186



17

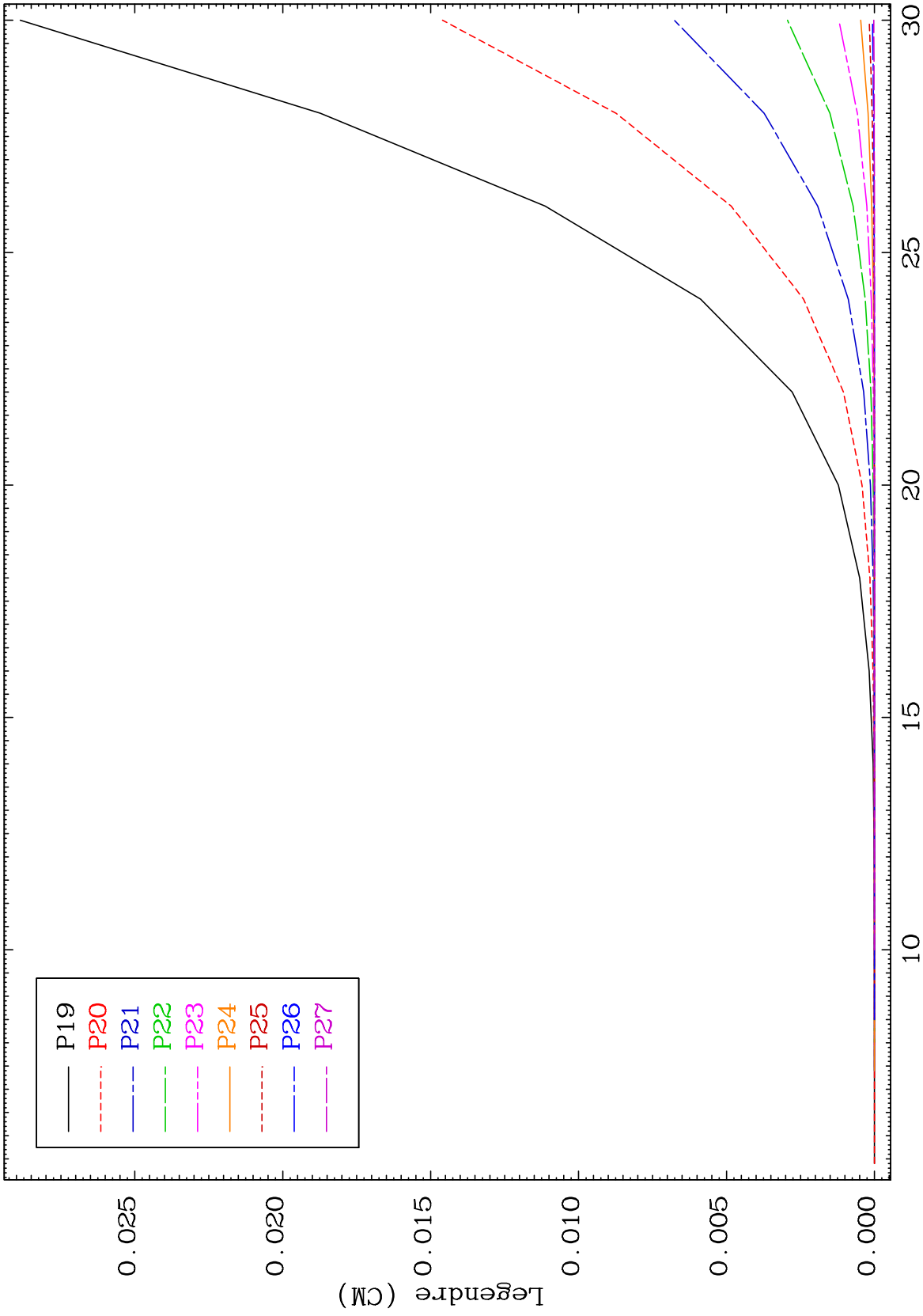
Incident Energy (MeV)

81-Tl-186

MAT 8074

Elastic Legendre Coefficients

81-Tl-186



18

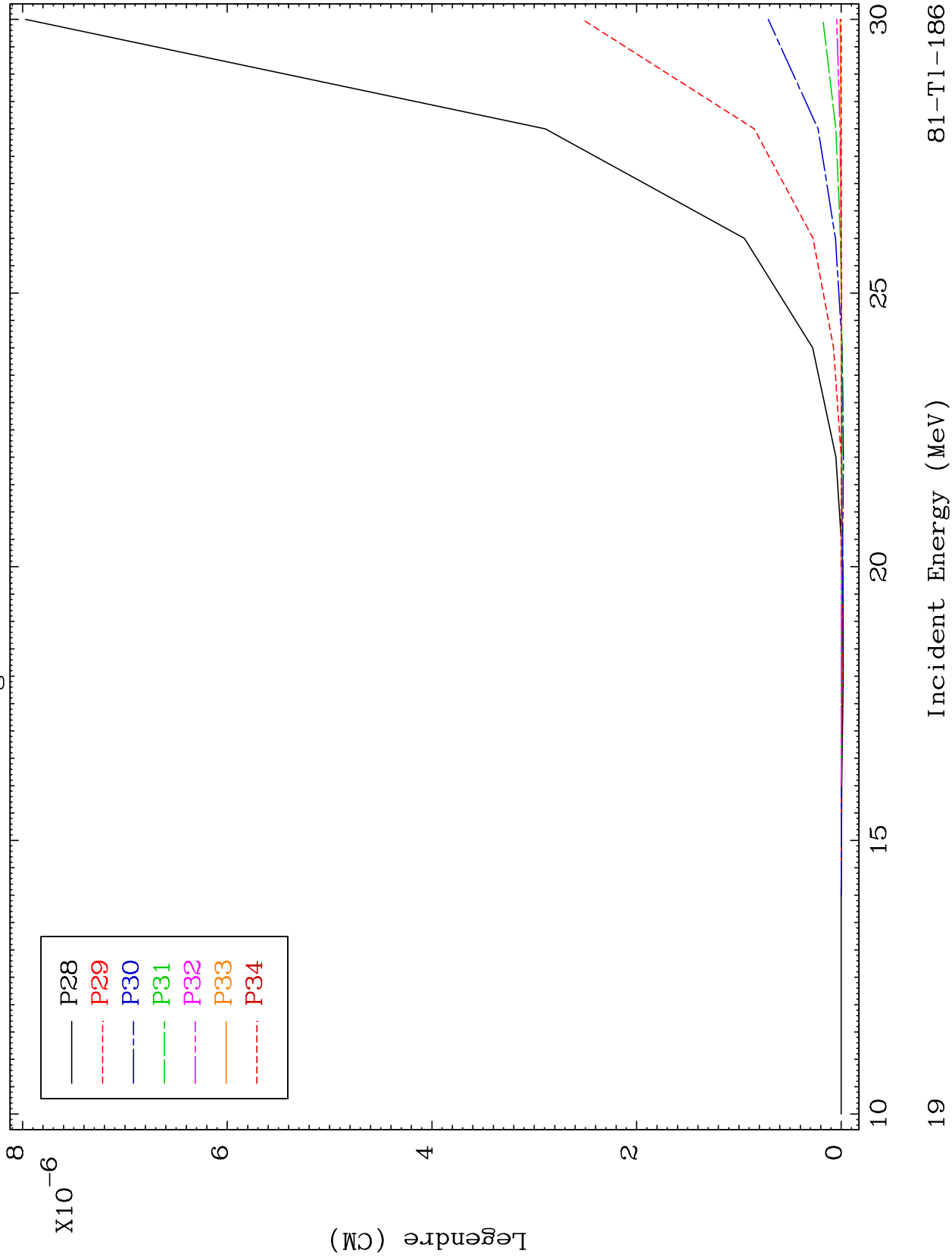
Incident Energy (MeV)

81-Tl-186

MAT 8074

Elastic Legendre Coefficients

81-Tl-186



19

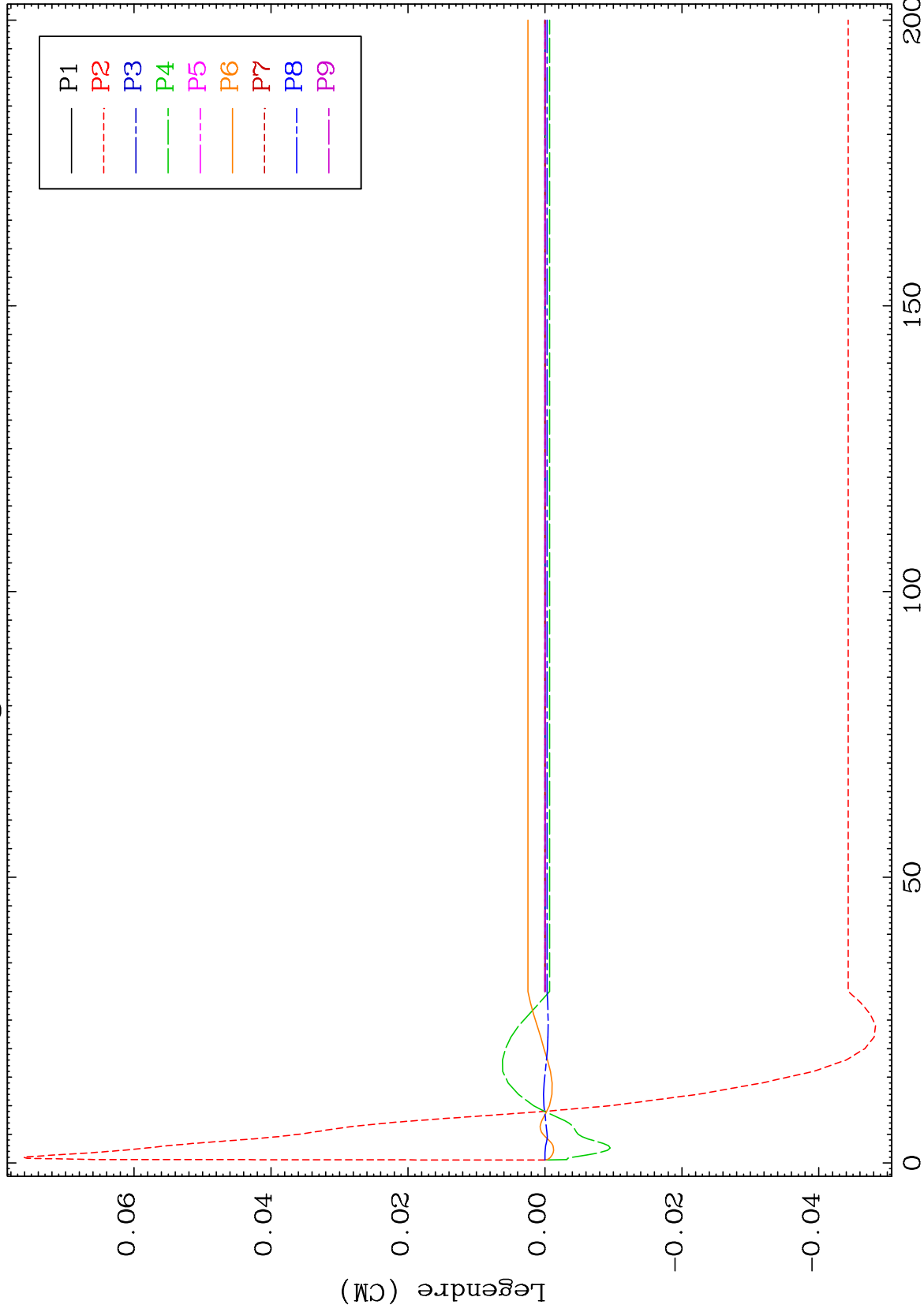
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-T1-186



81-T1-186

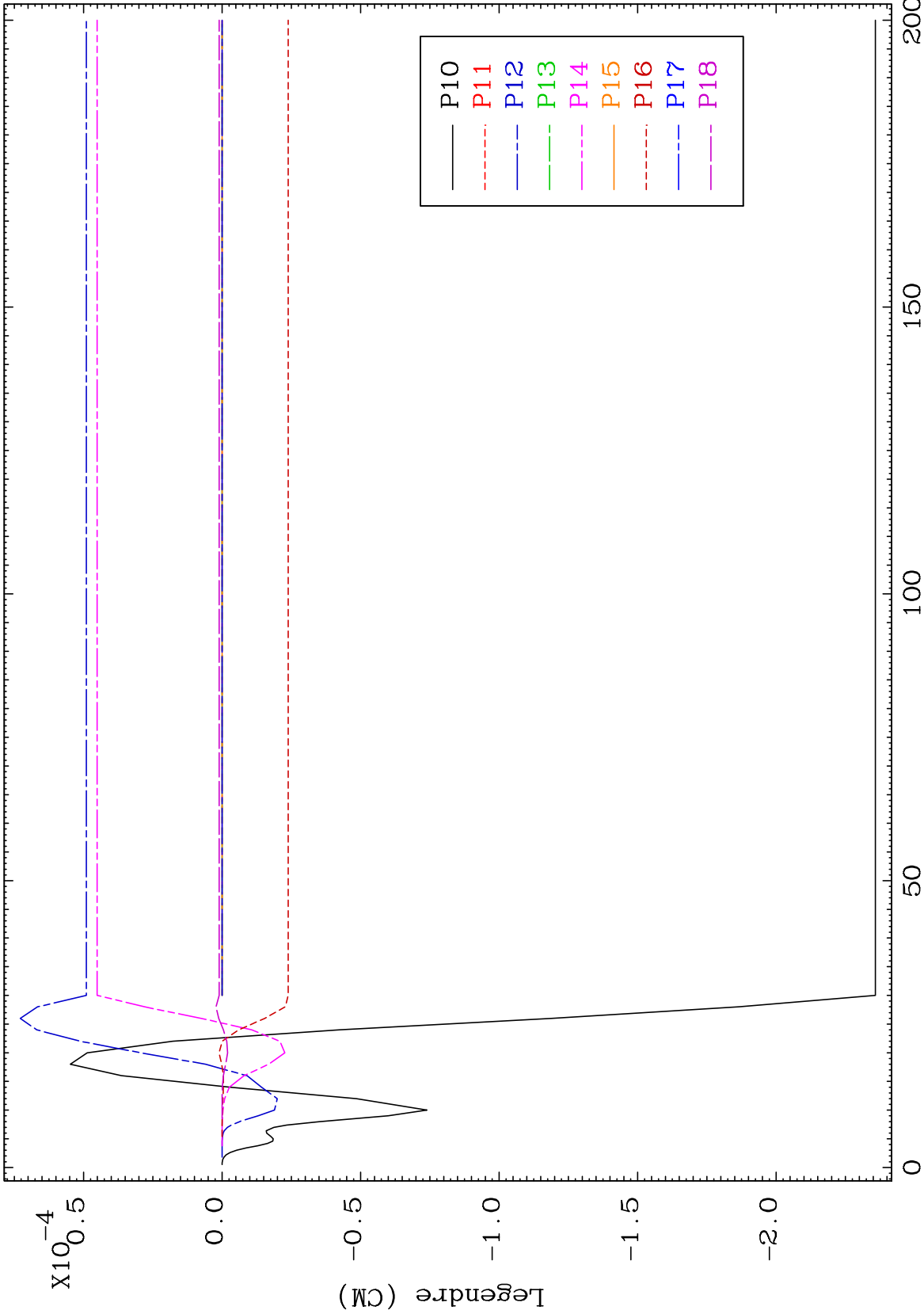
Incident Energy (MeV)

20

MAT 8074

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

81-Tl-186



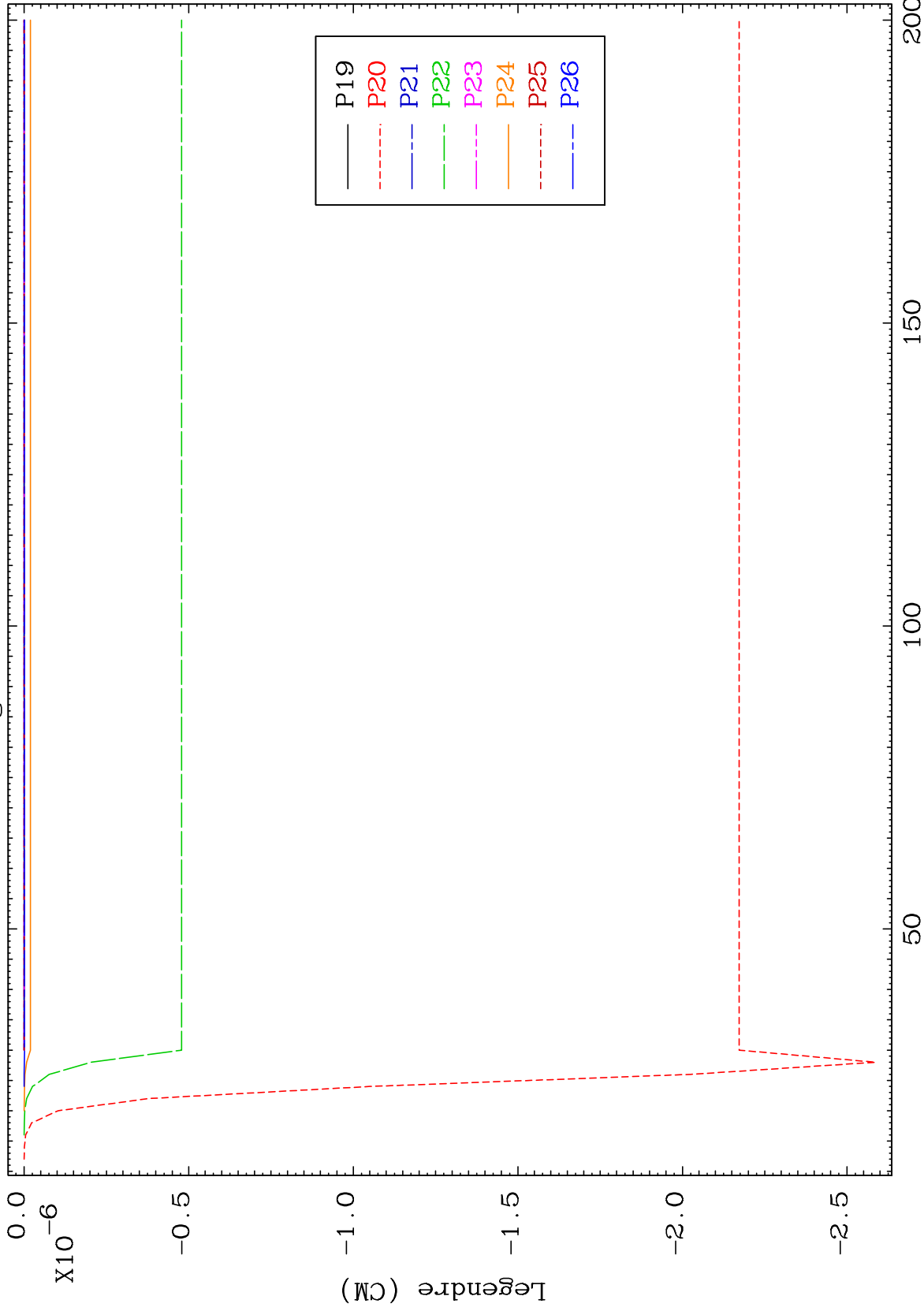
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81-Tl-186

MAT 8074

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

81-T1-186



22

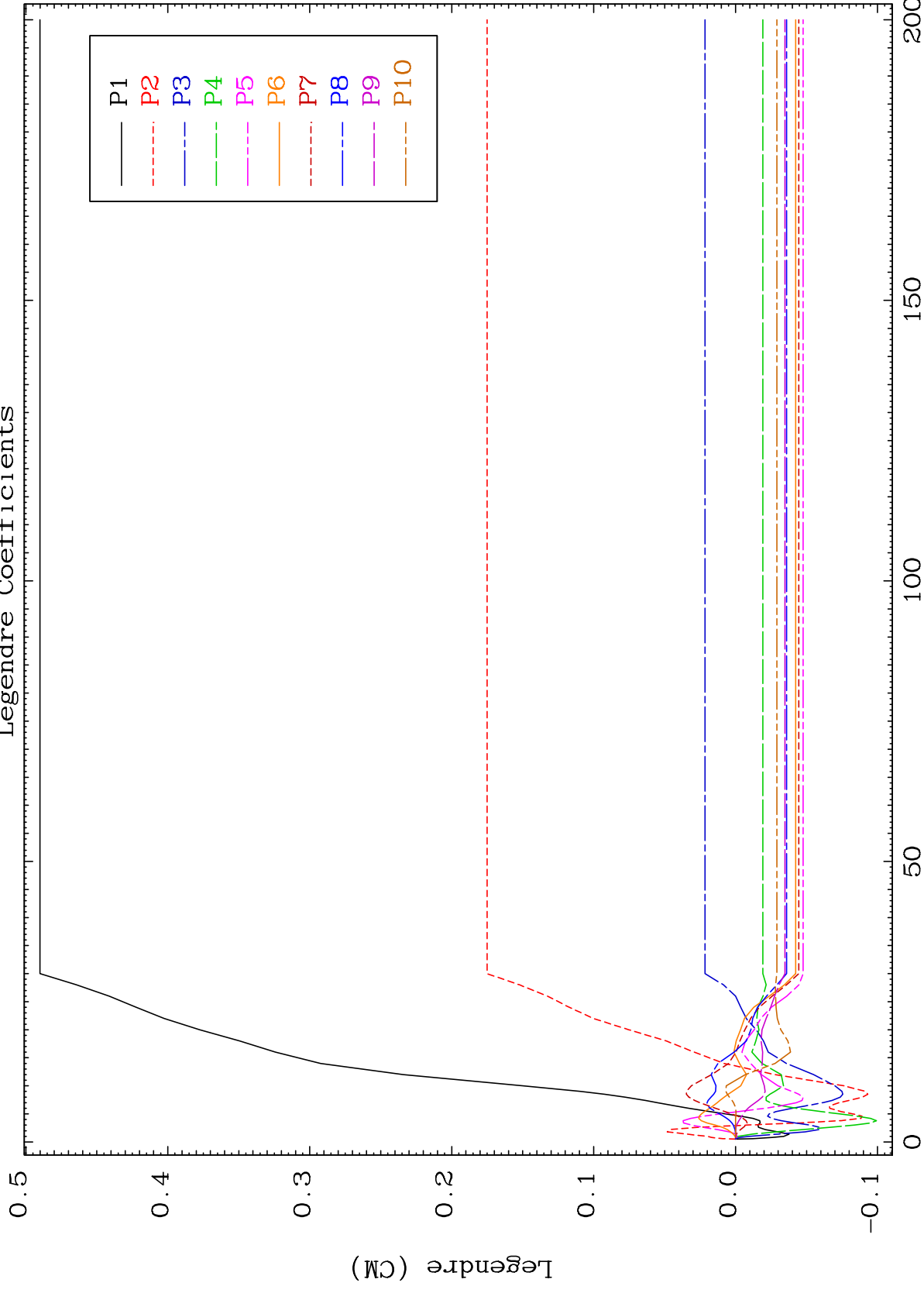
Incident Energy (MeV)

81-T1-186

MAT 8074

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

81-Tl-186



23

Incident Energy (MeV)

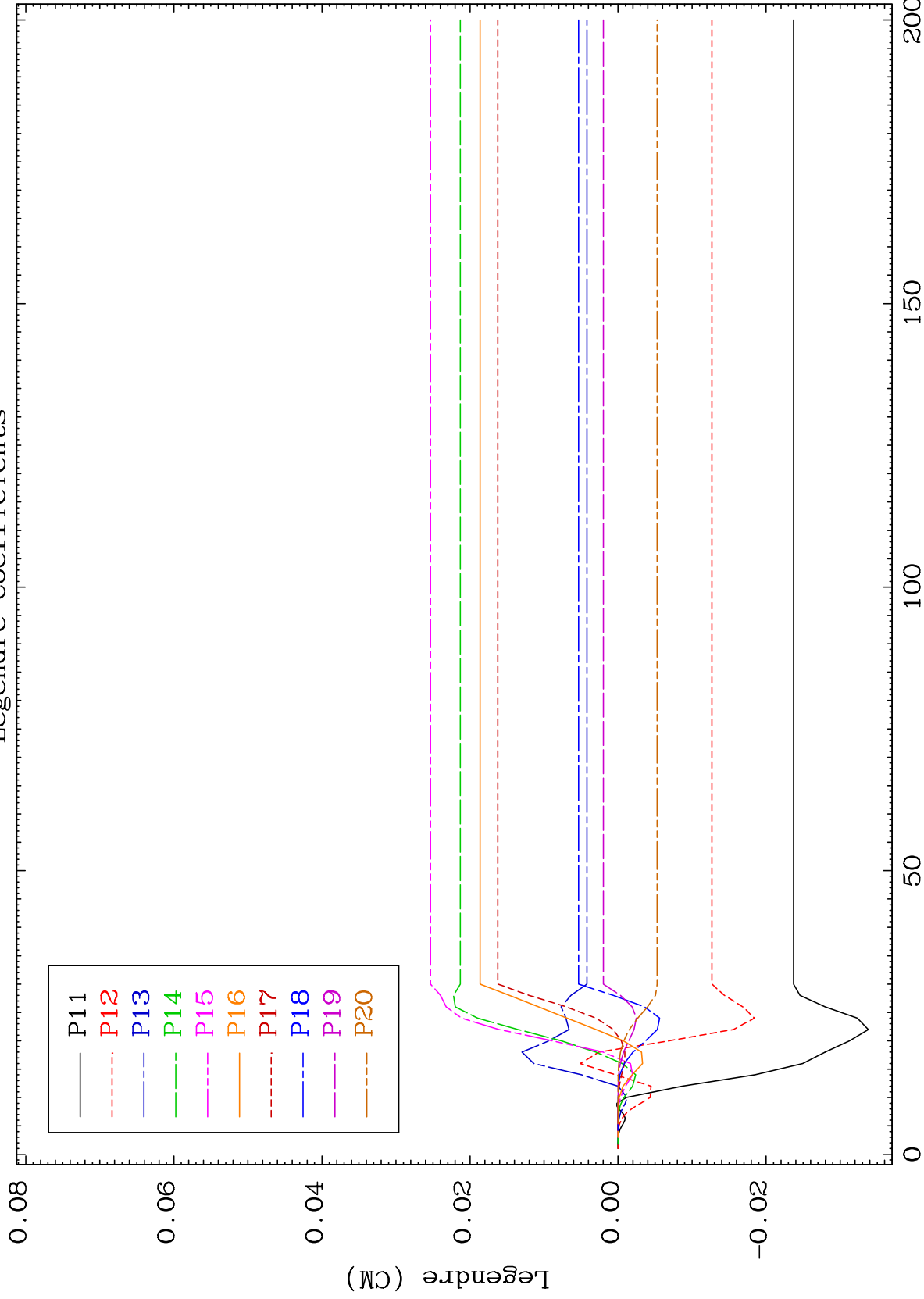
81-Tl-186



MAT 8074

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

81-Tl-186



24

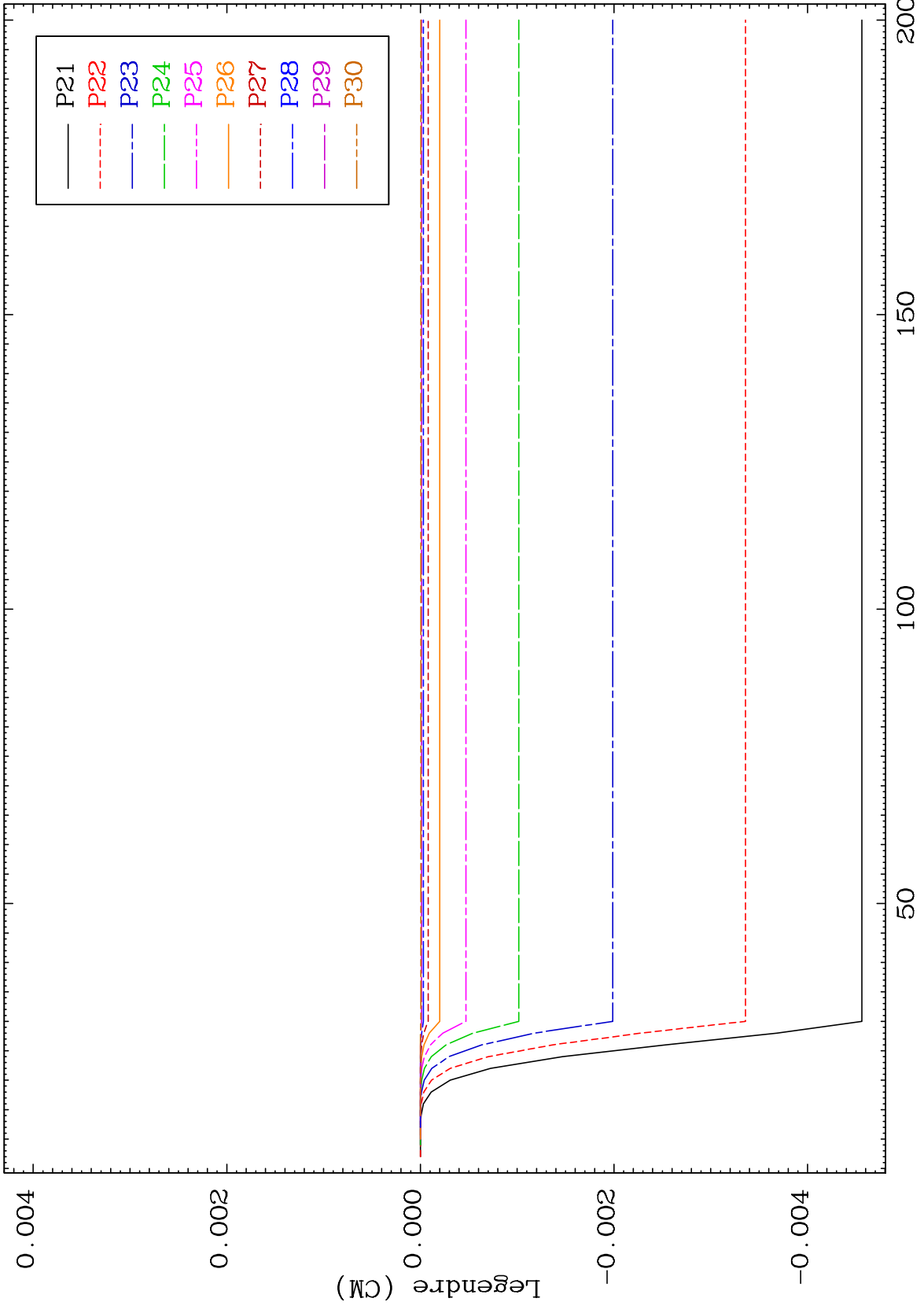
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-Tl-186



25

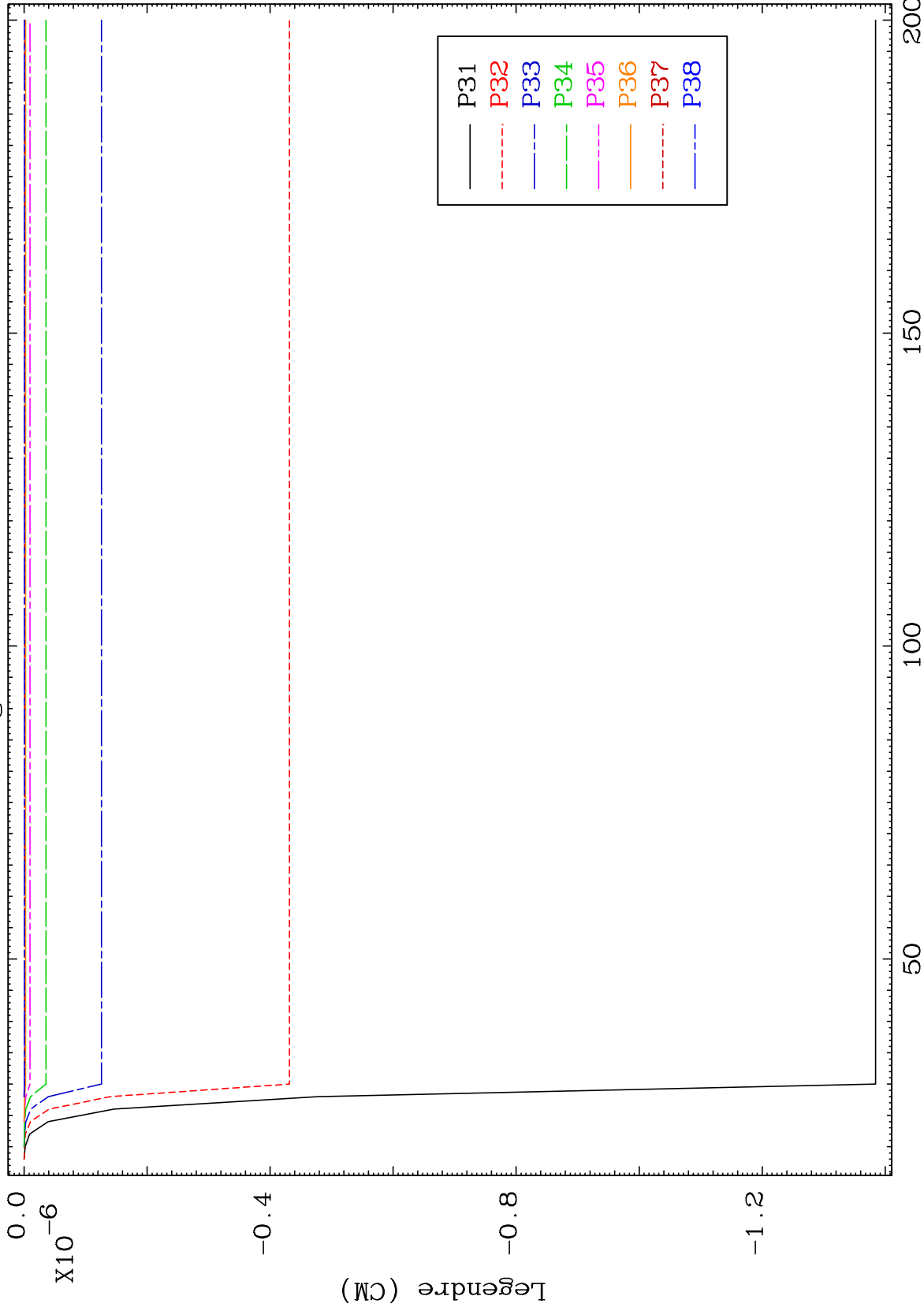
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-Tl-186



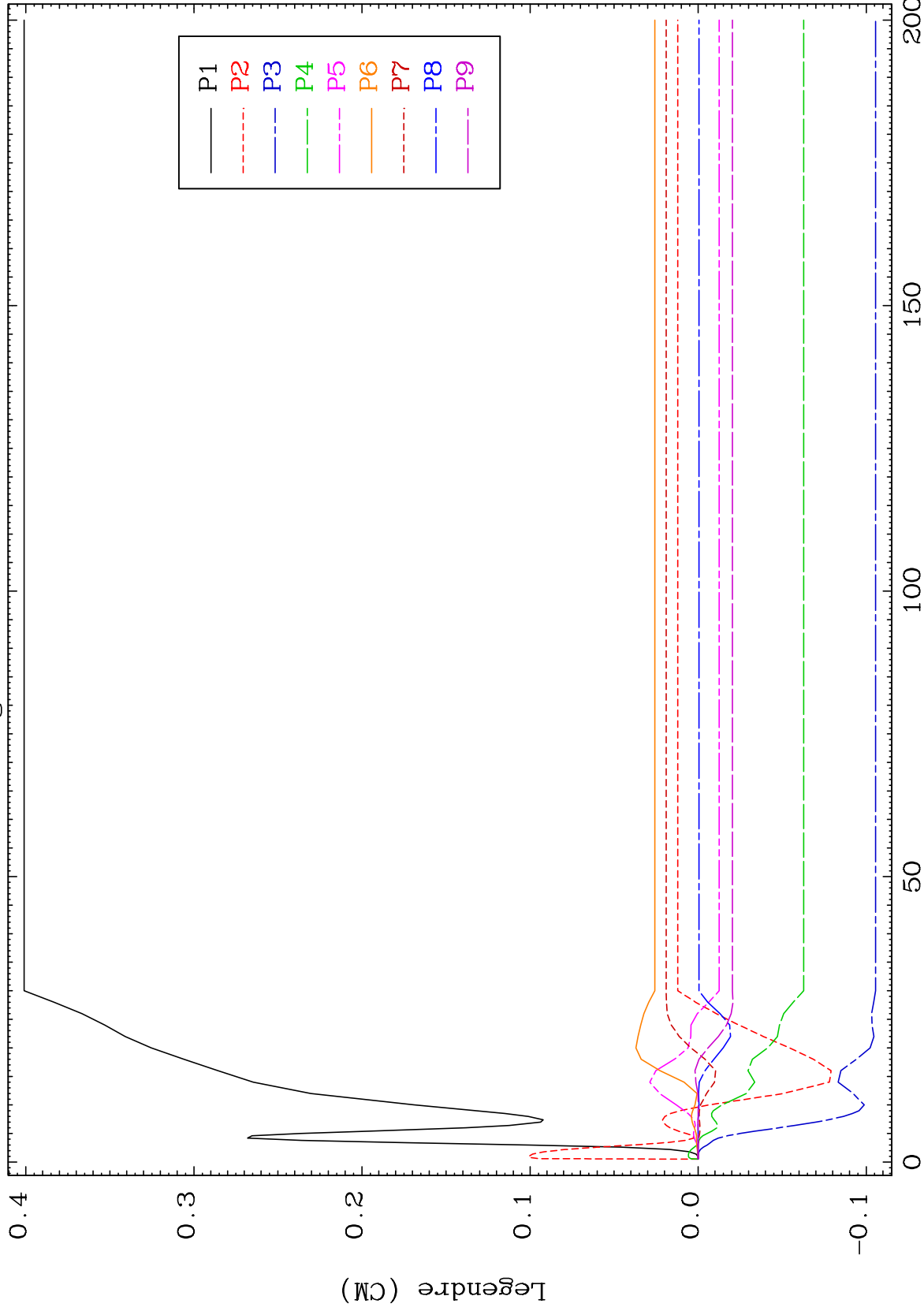
26

81-Tl-186

MAT 8074

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

81-T1-186



27

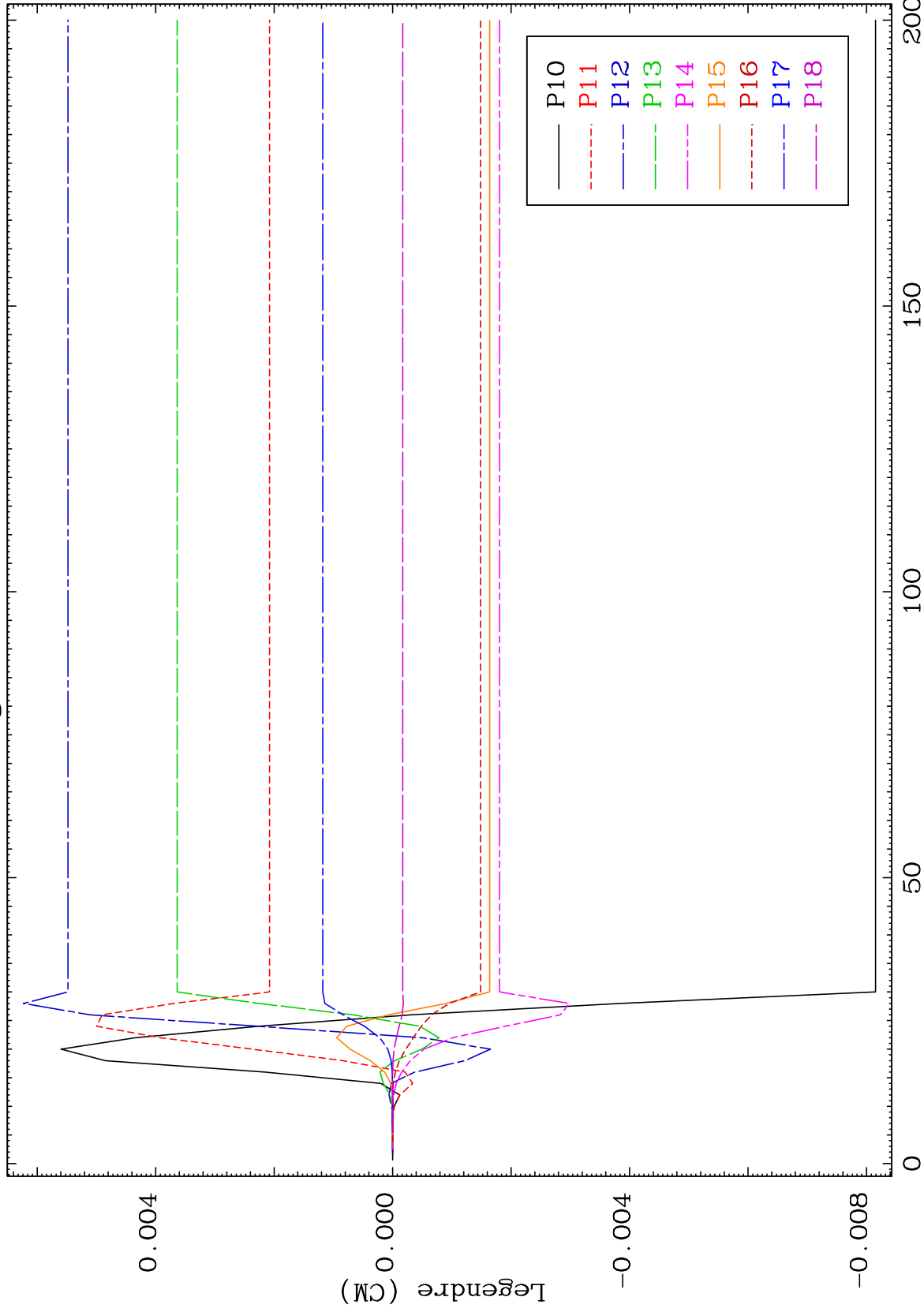
Incident Energy (MeV)

81-T1-186

MAT 8074

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

81-T1-186



28

81-T1-186

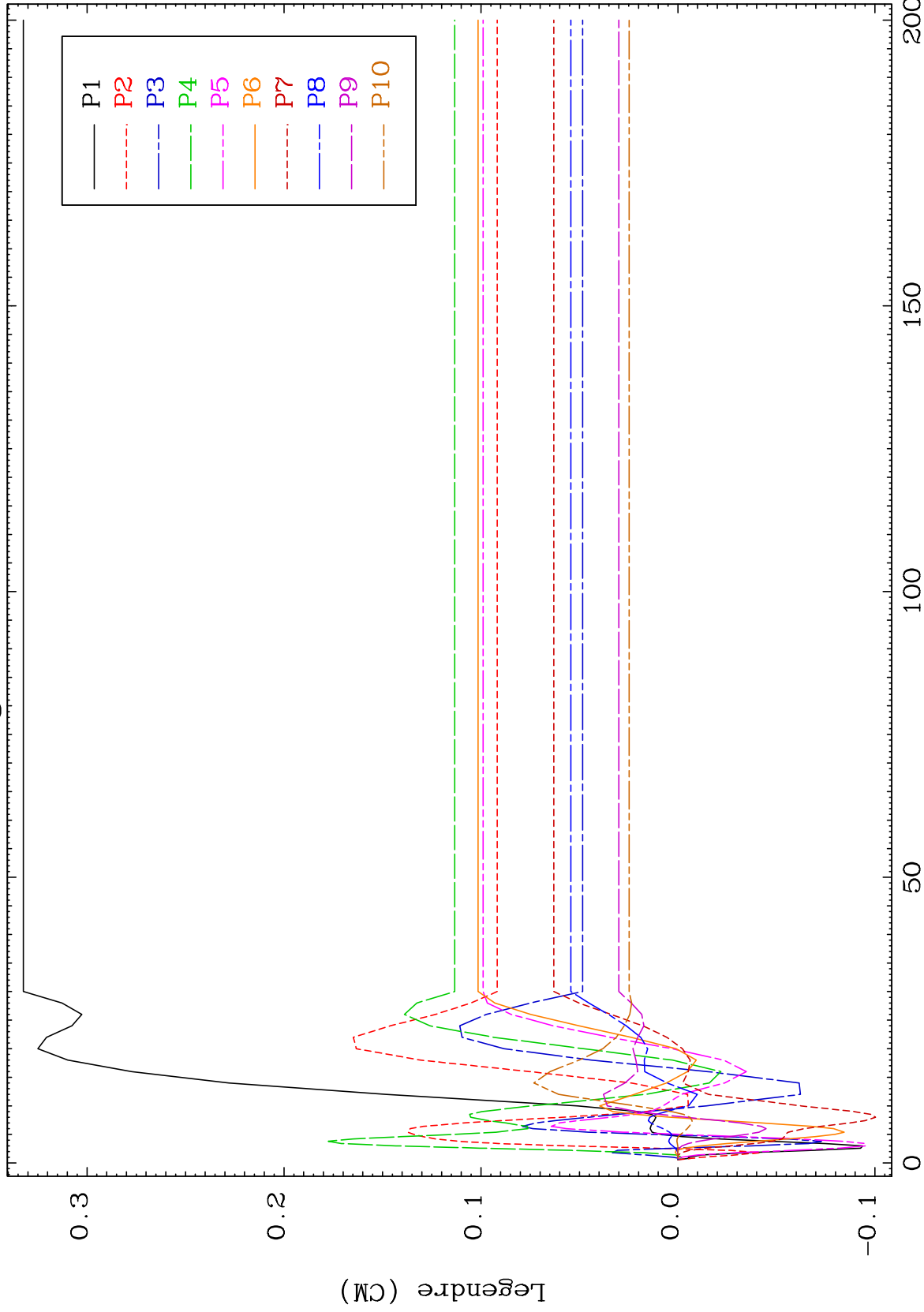




MAT 8074

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

81-T1-186



31

Incident Energy (MeV)

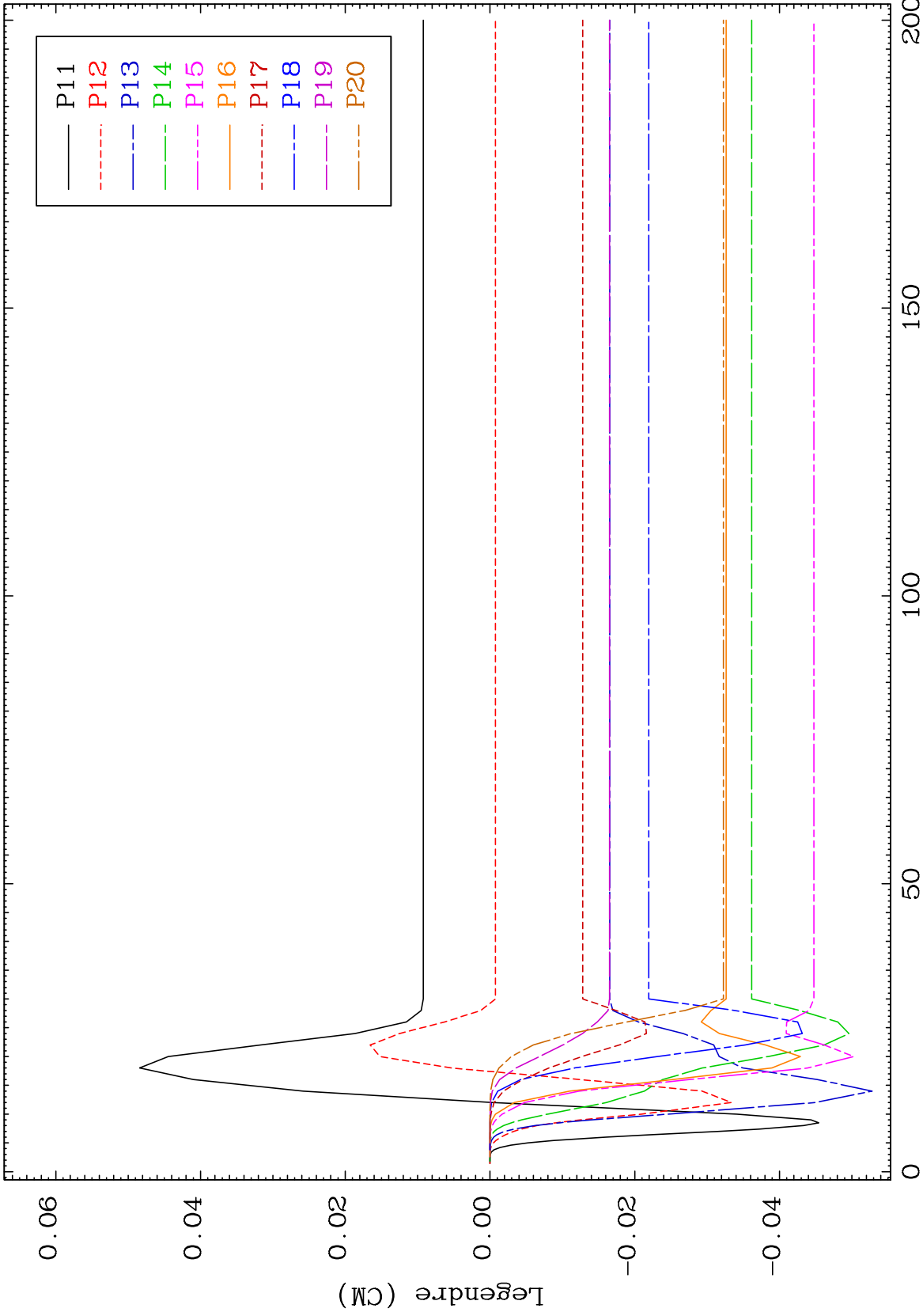
81-T1-186



MAT 8074

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

81-Tl-186



32

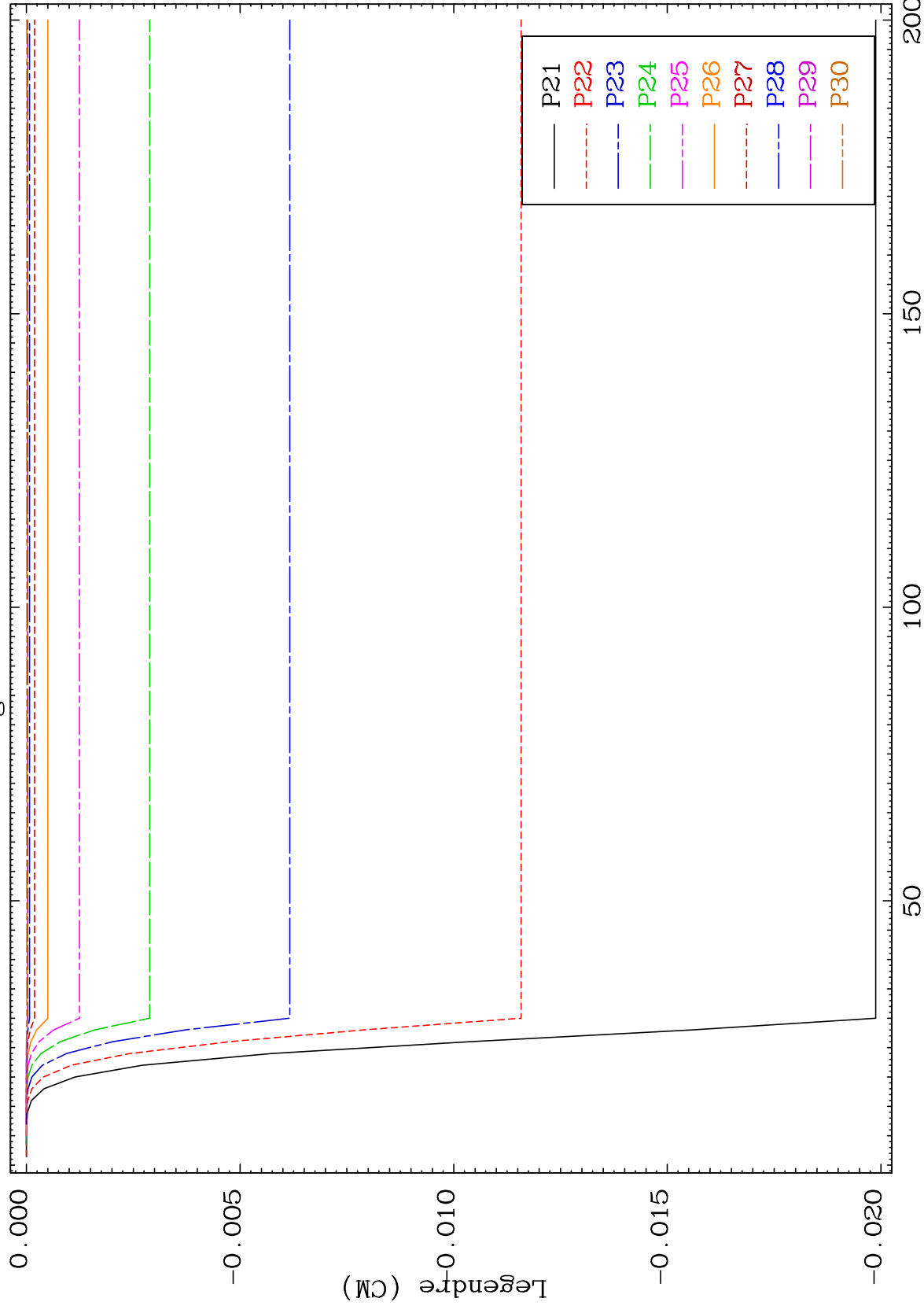
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-T1-186



33

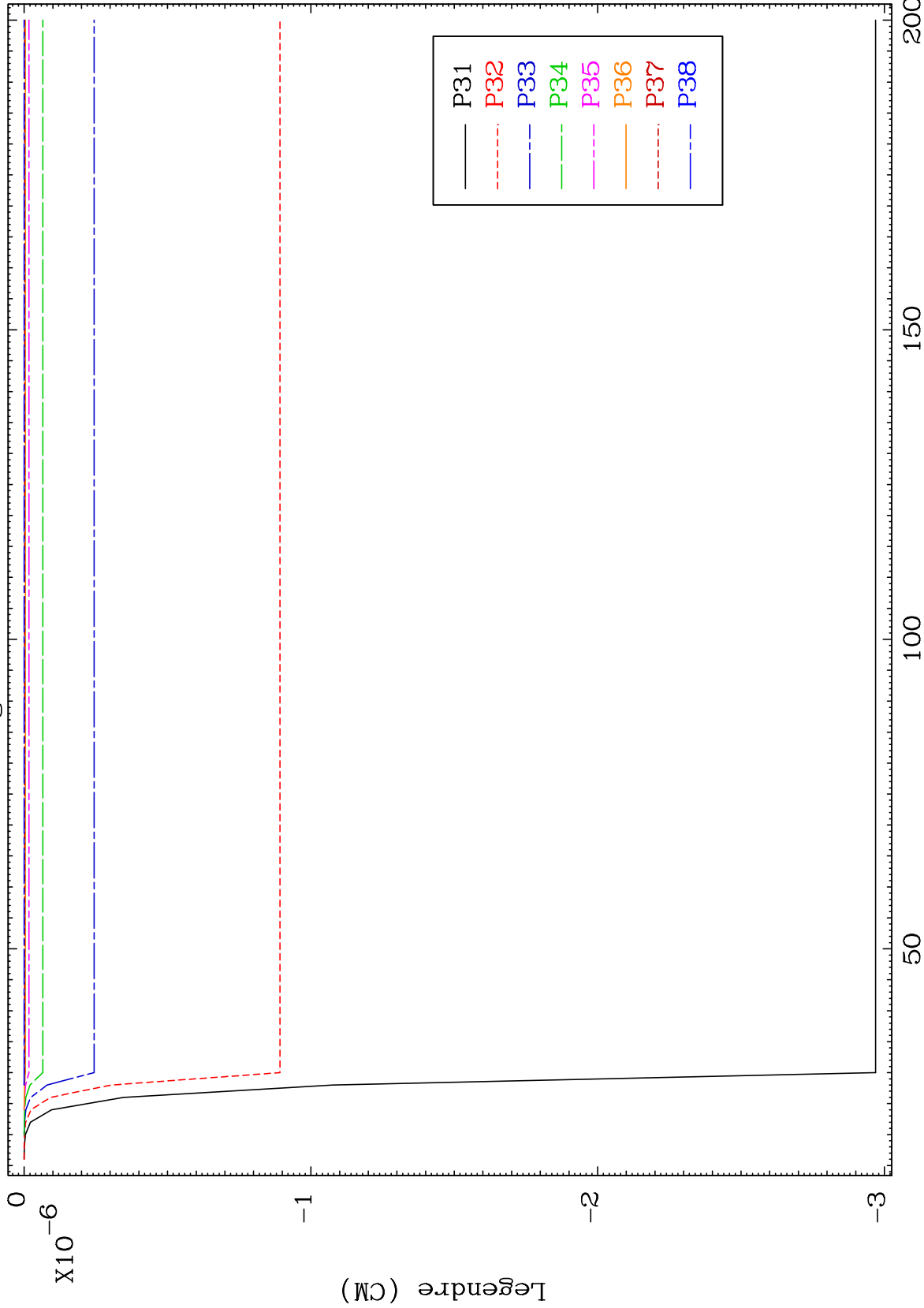
Incident Energy (MeV)

81-T1-186

MAT 8074

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

81-T1-186



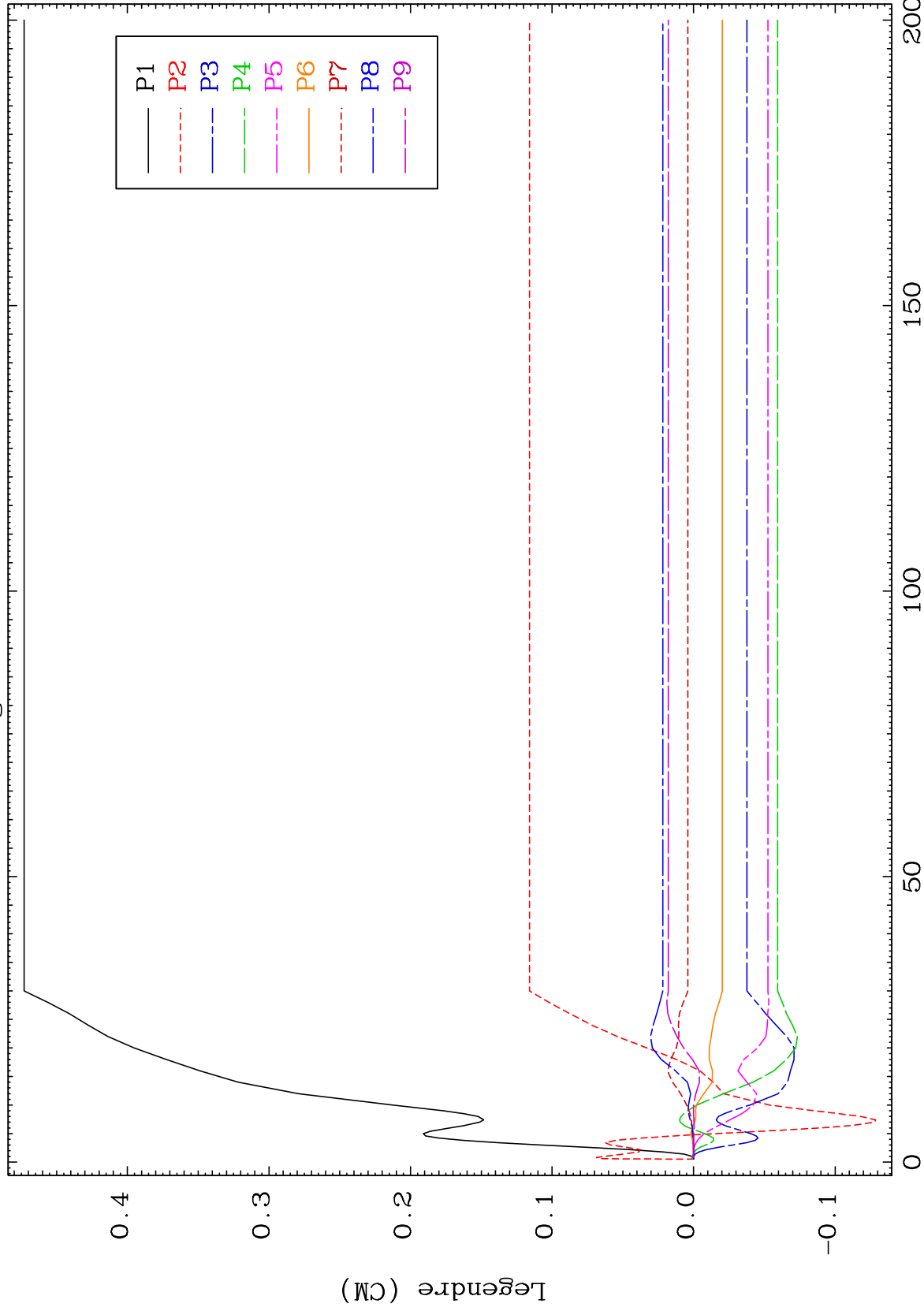
34

81-T1-186

MAT 8074

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

81-T1-186



35

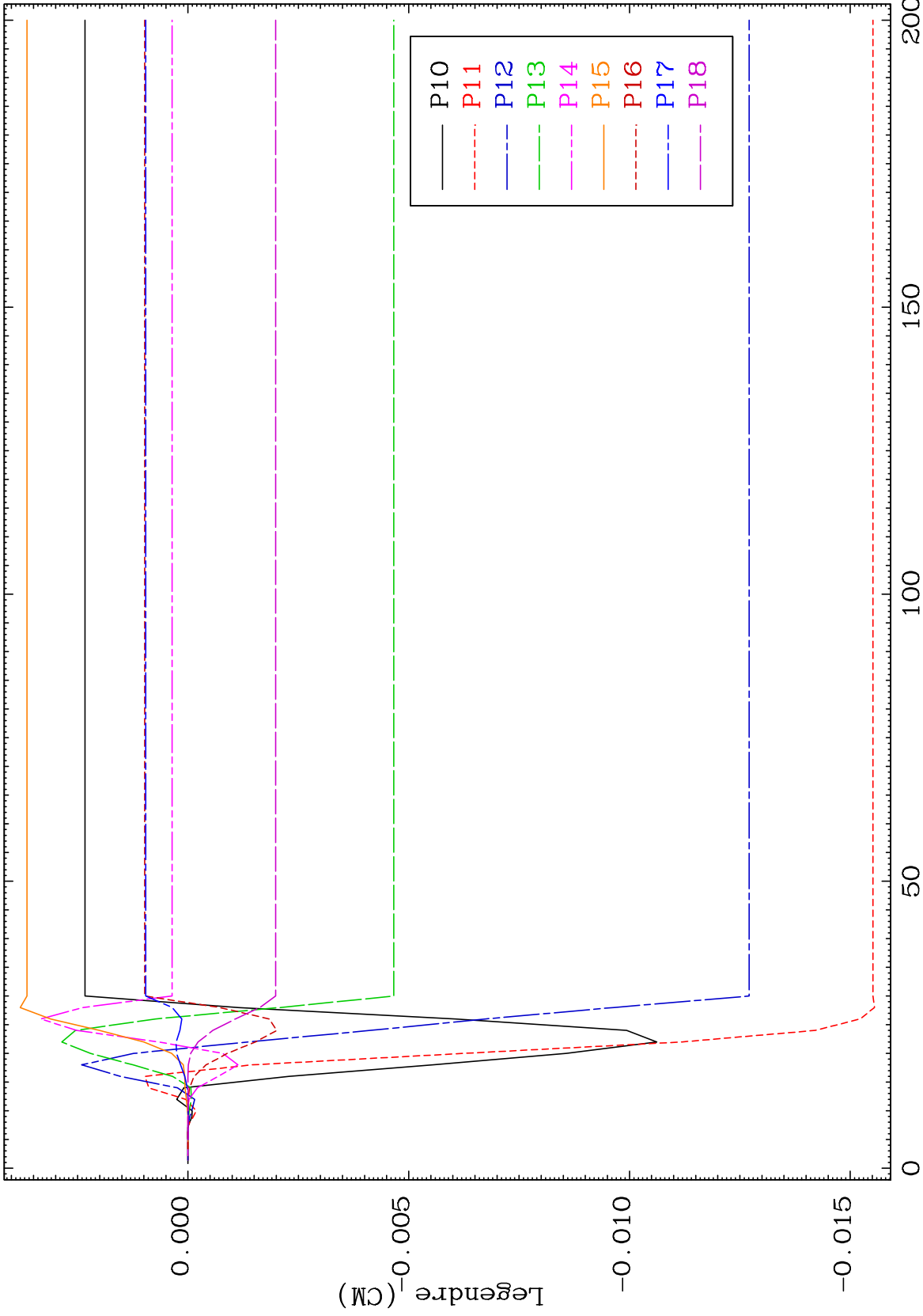
Incident Energy (MeV)

81-T1-186

MAT 8074

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

81-T1-186



36

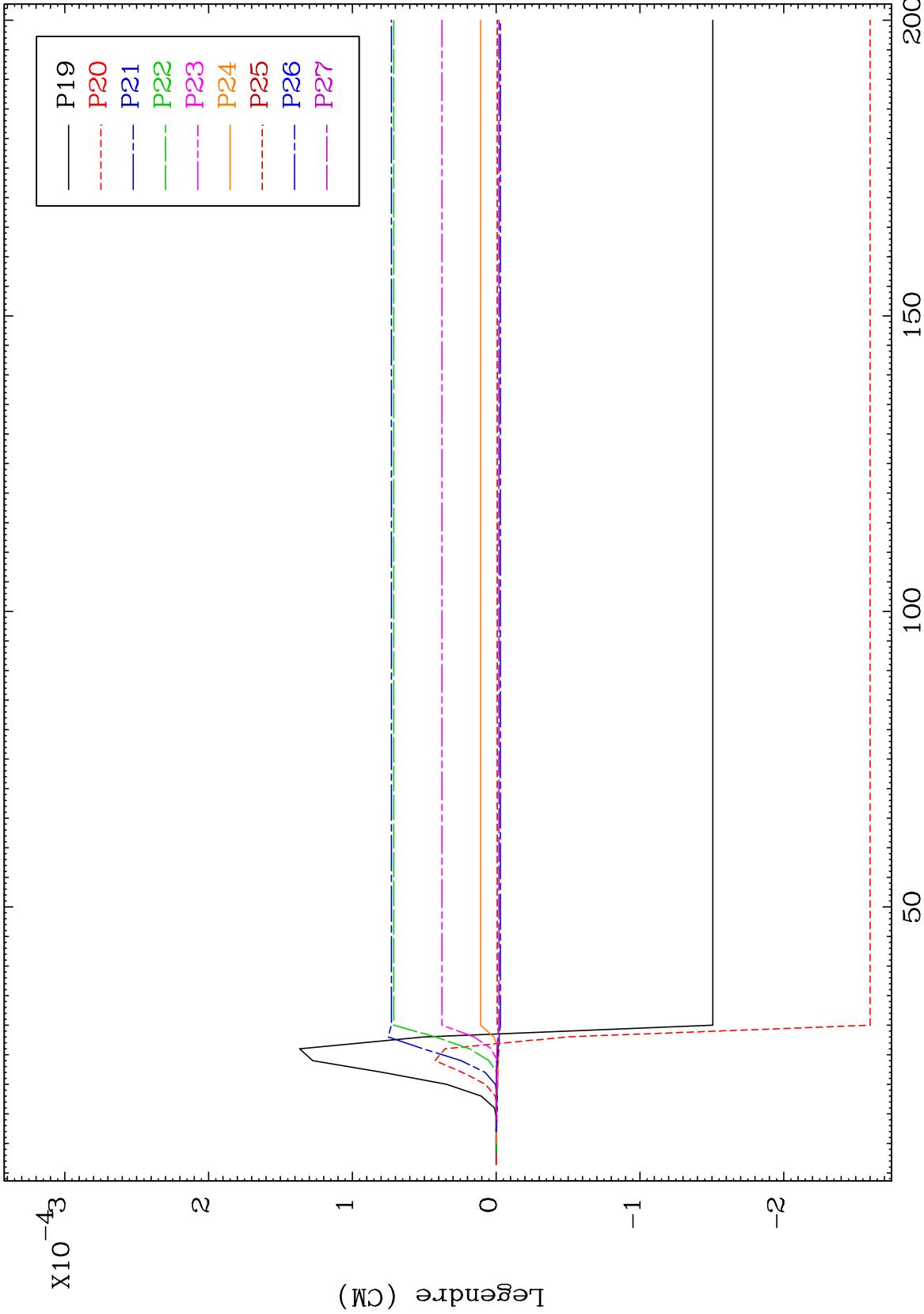
Incident Energy (MeV)

81-T1-186

MAT 8074

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

81-Tl-186



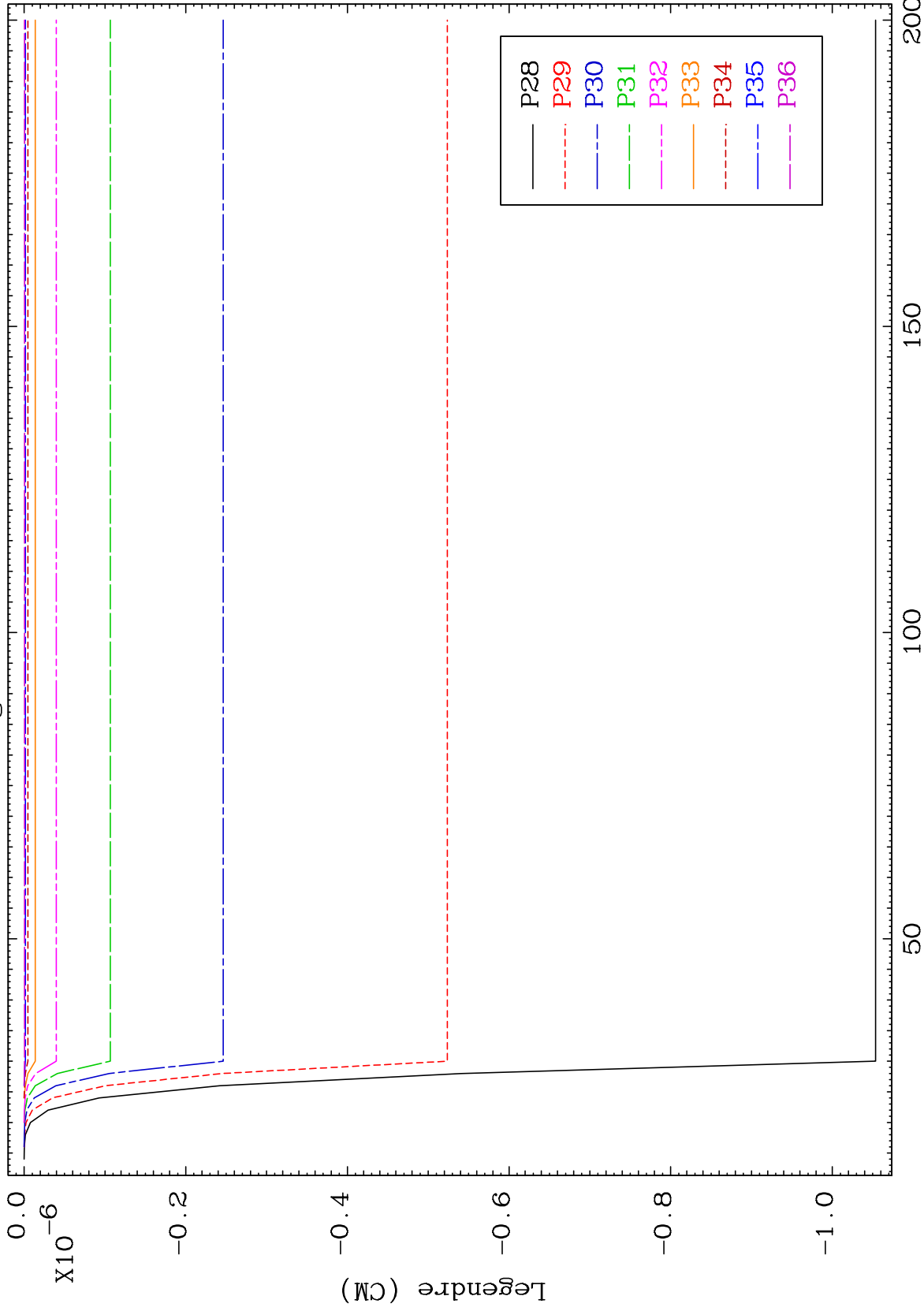
37

81-Tl-186

MAT 8074

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

81-T1-186



38

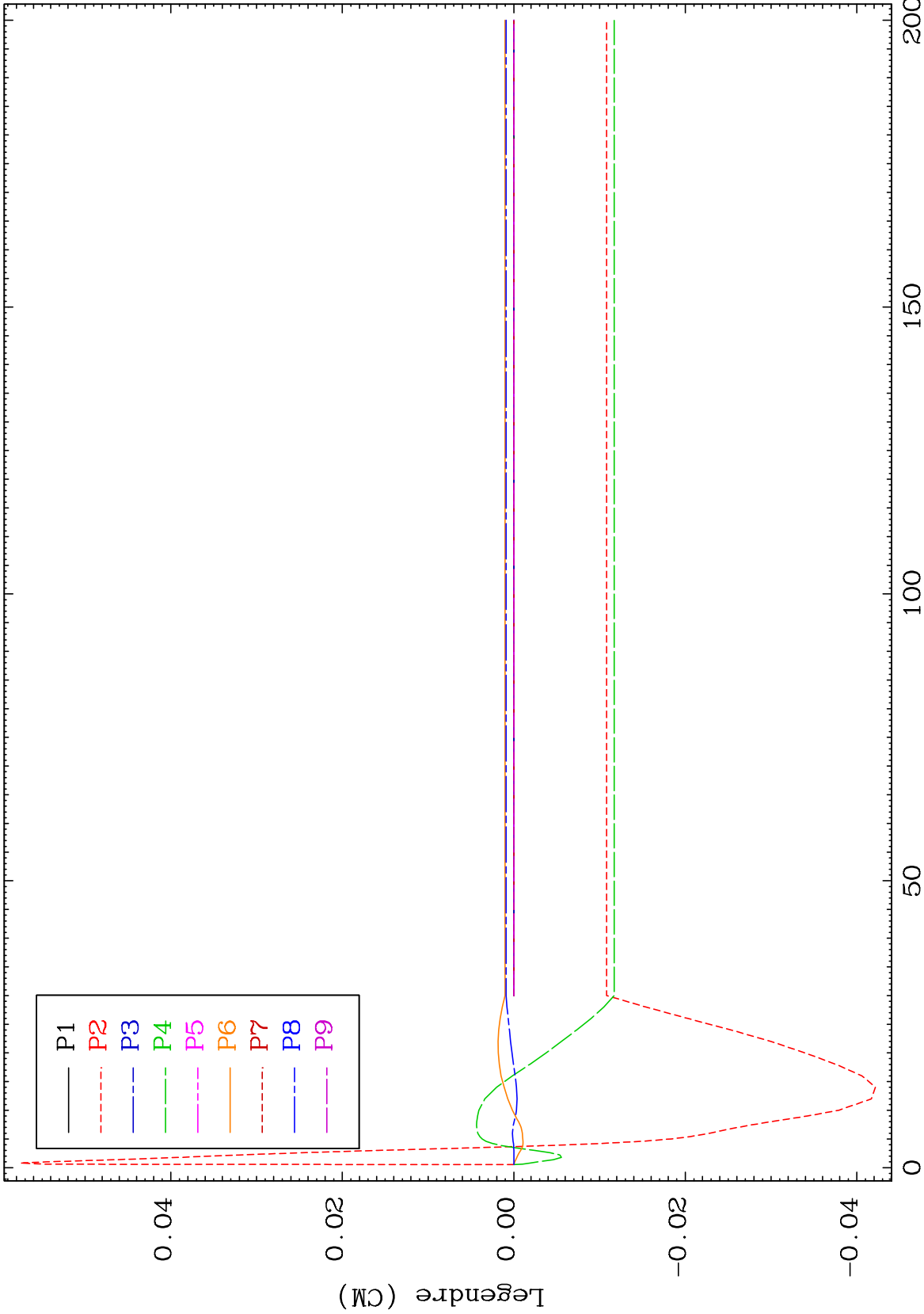
Incident Energy (MeV)

81-T1-186

MAT 8074

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

81-T1-186



39

Incident Energy (MeV)

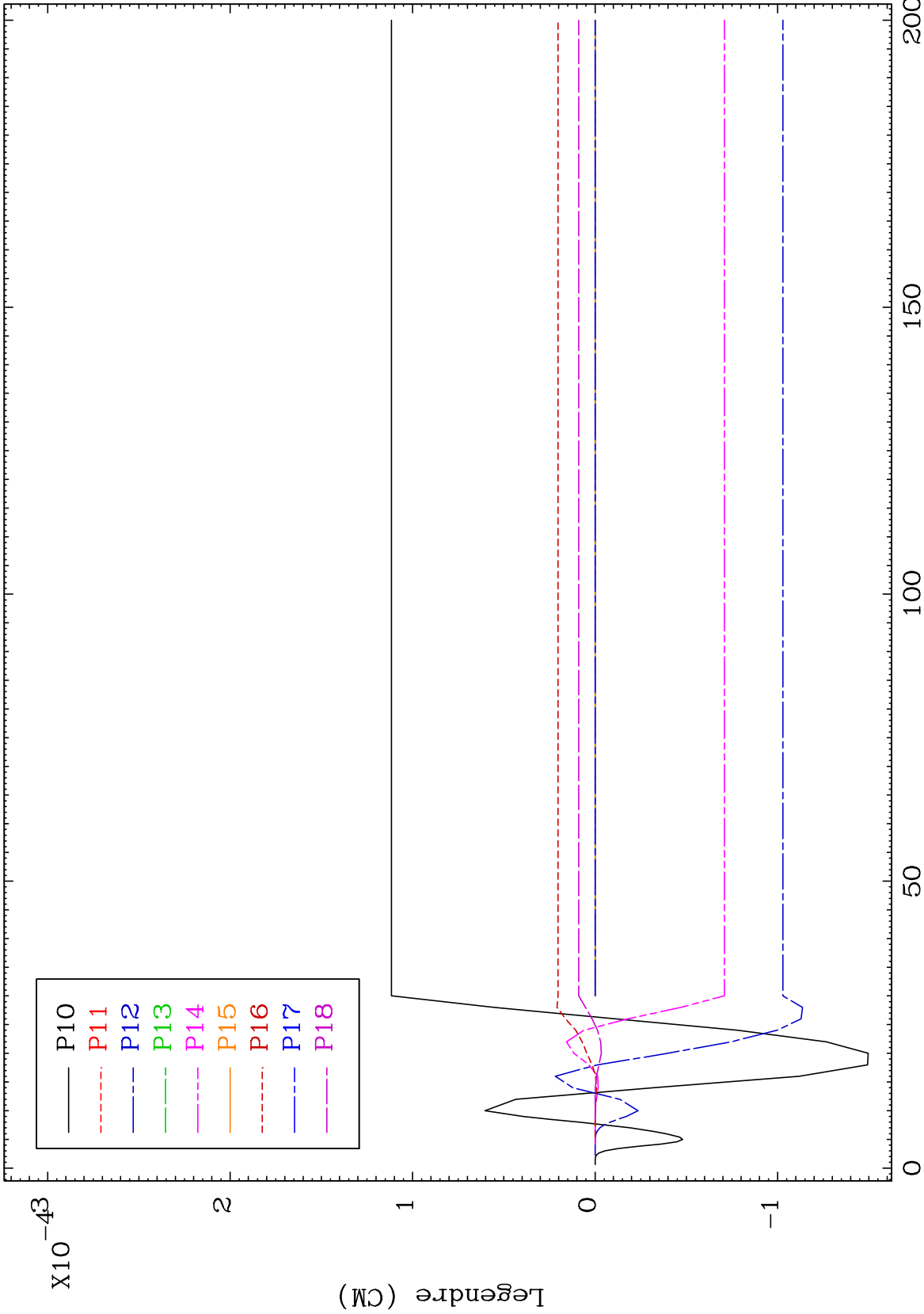
81-T1-186



MAT 8074

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

81-Tl-186



40

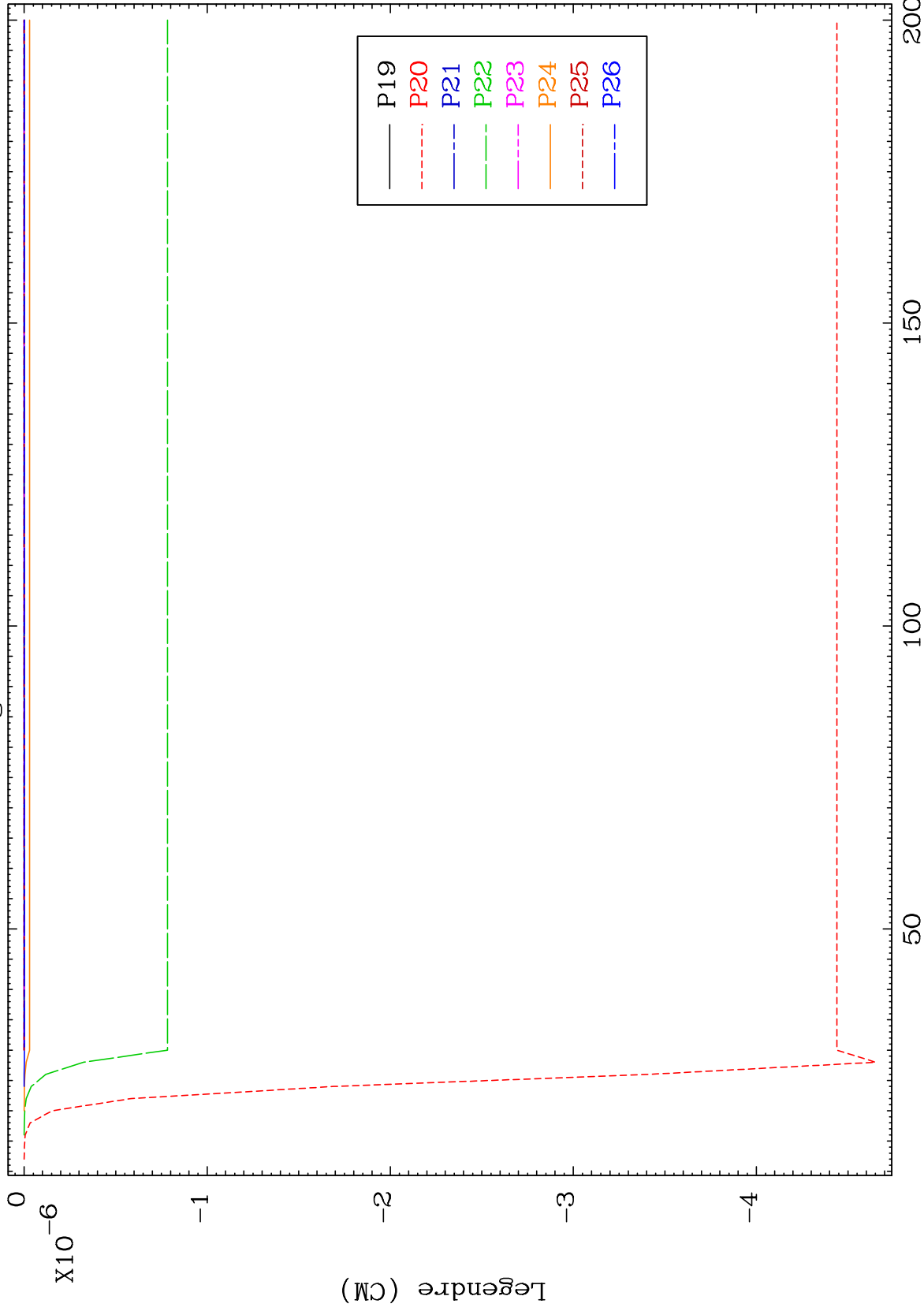
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-T1-186



41

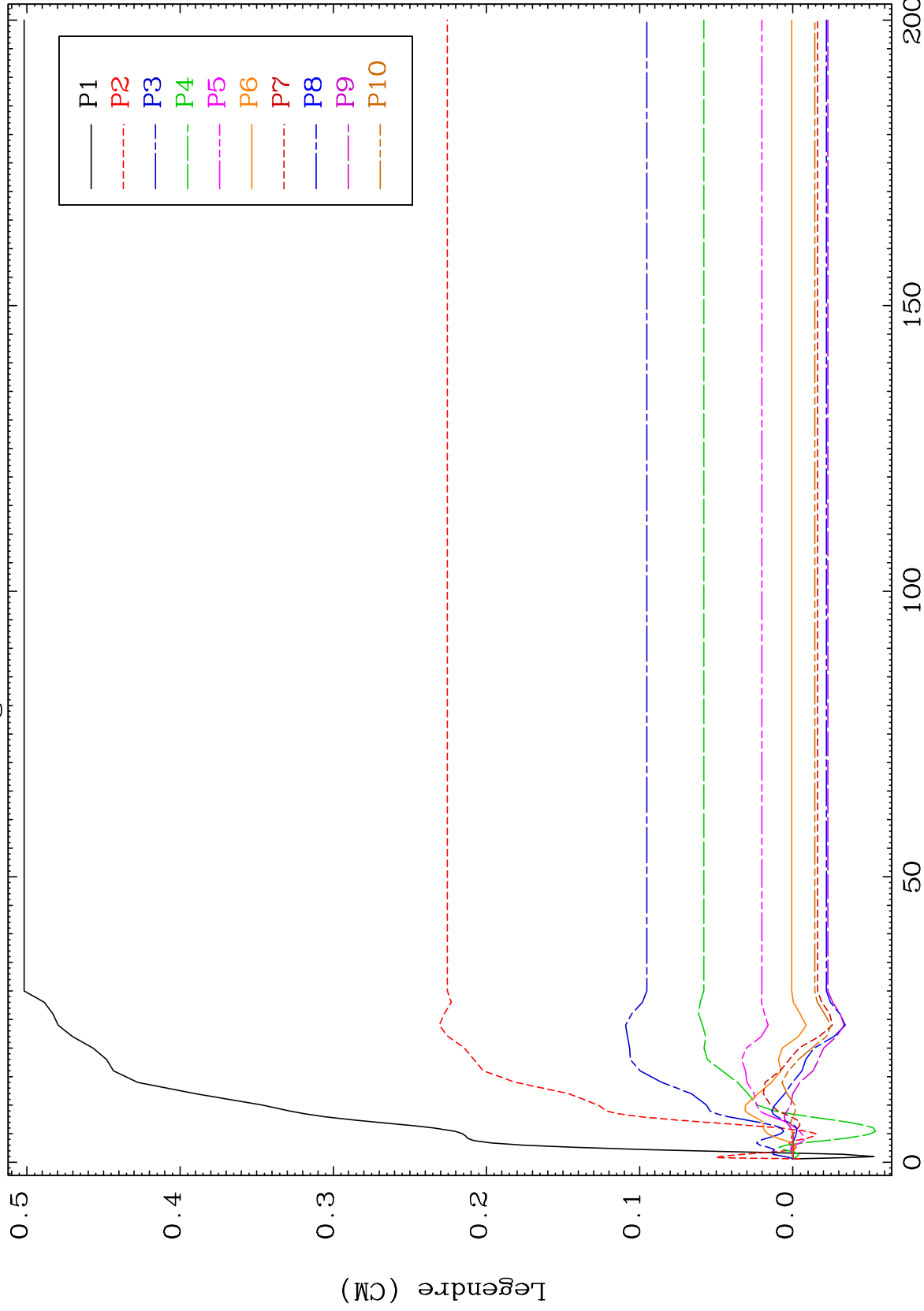
Incident Energy (MeV)

81-T1-186

MAT 8074

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

81-T1-186



42

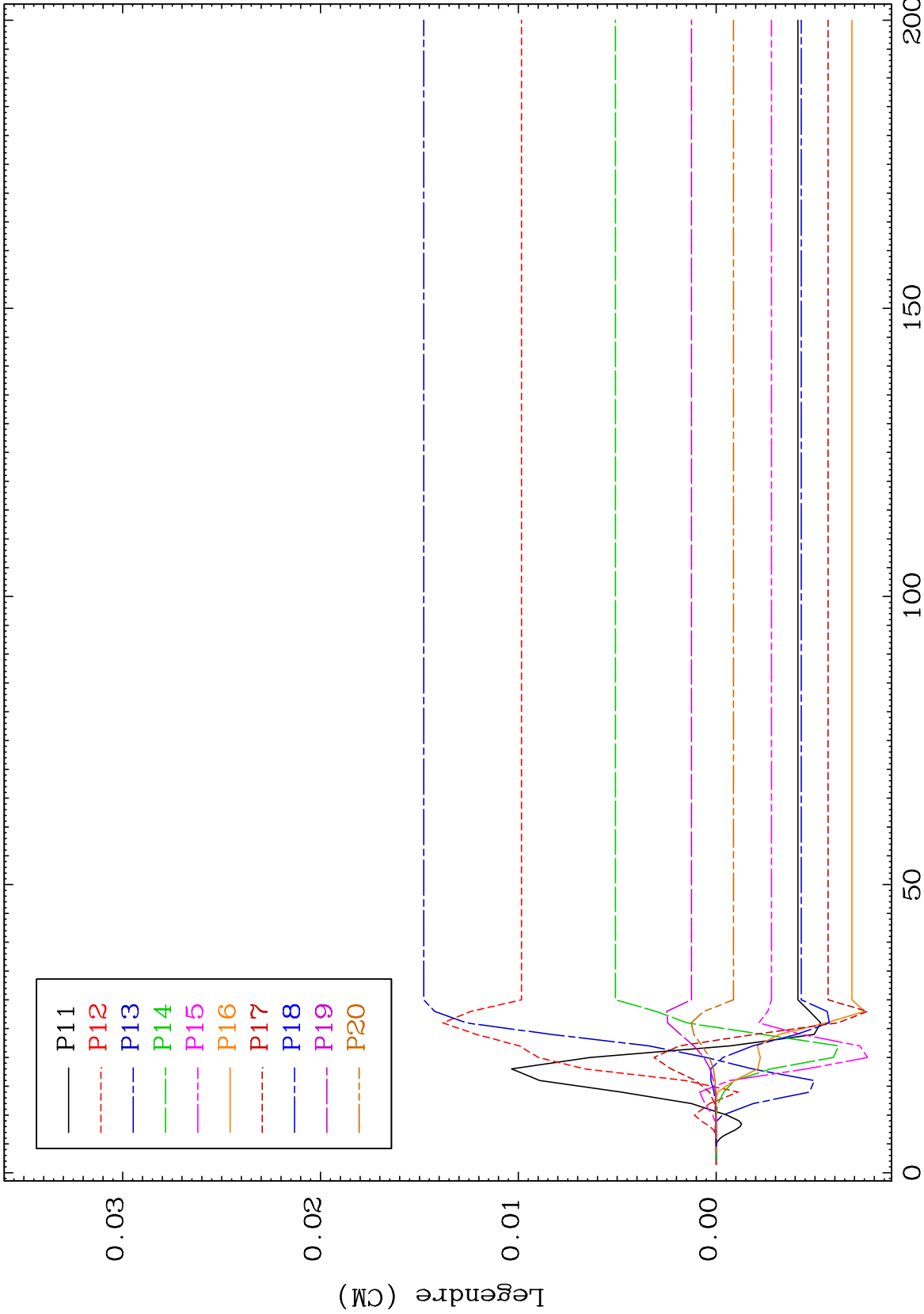
Incident Energy (MeV)

81-T1-186

MAT 8074

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

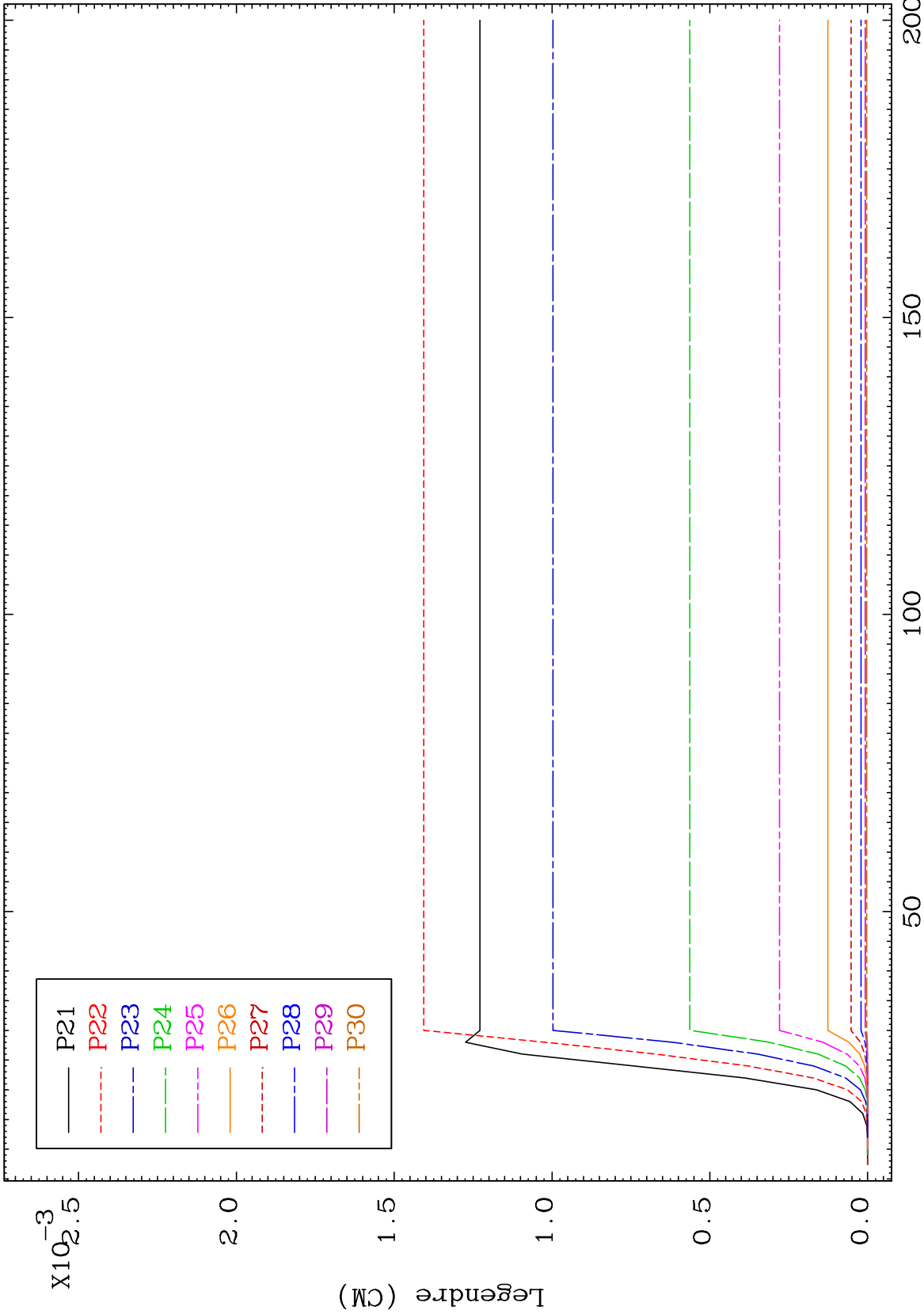
81-Tl-186



43

Incident Energy (MeV)

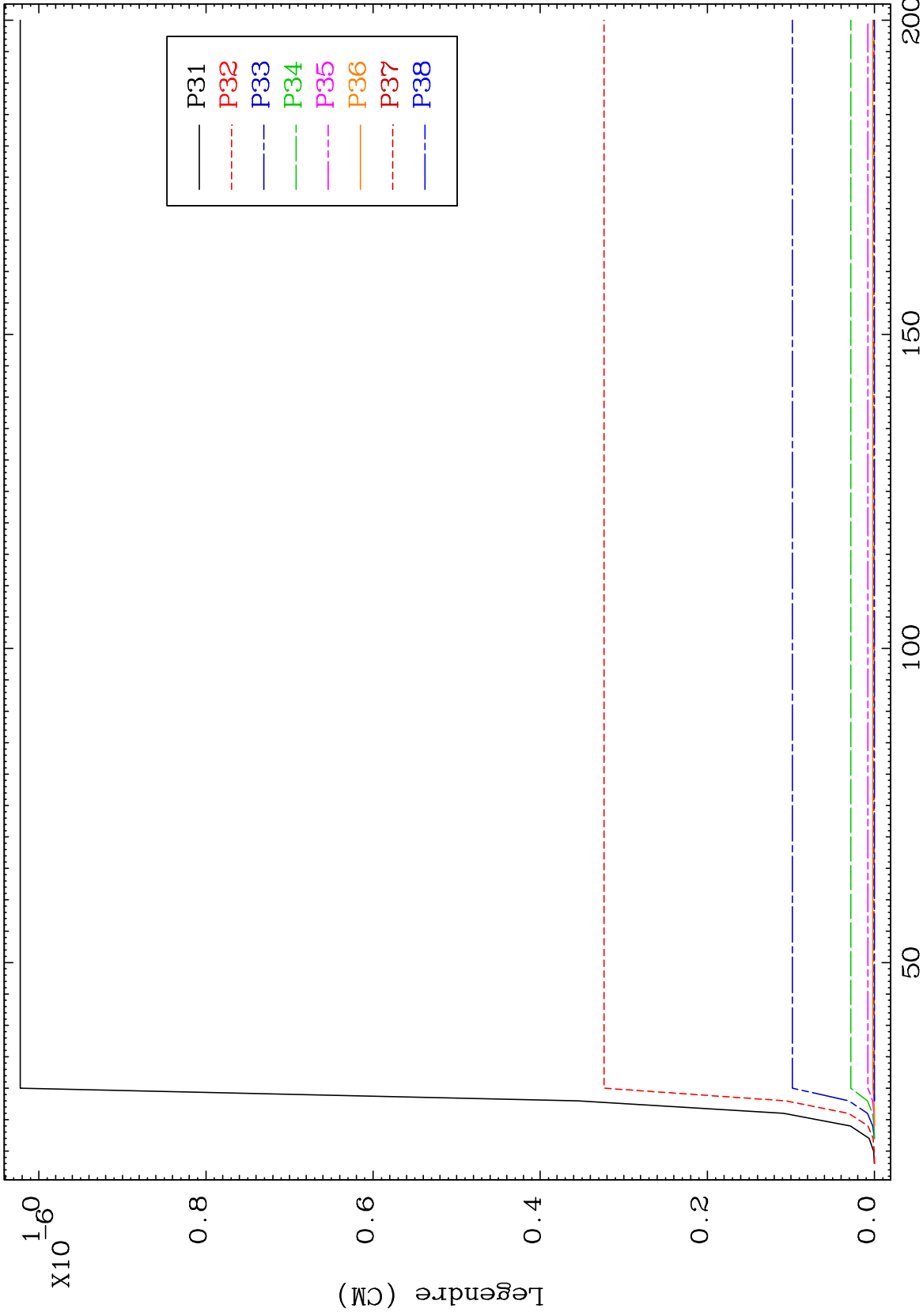
81-Tl-186



MAT 8074

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

81-T1-186



45

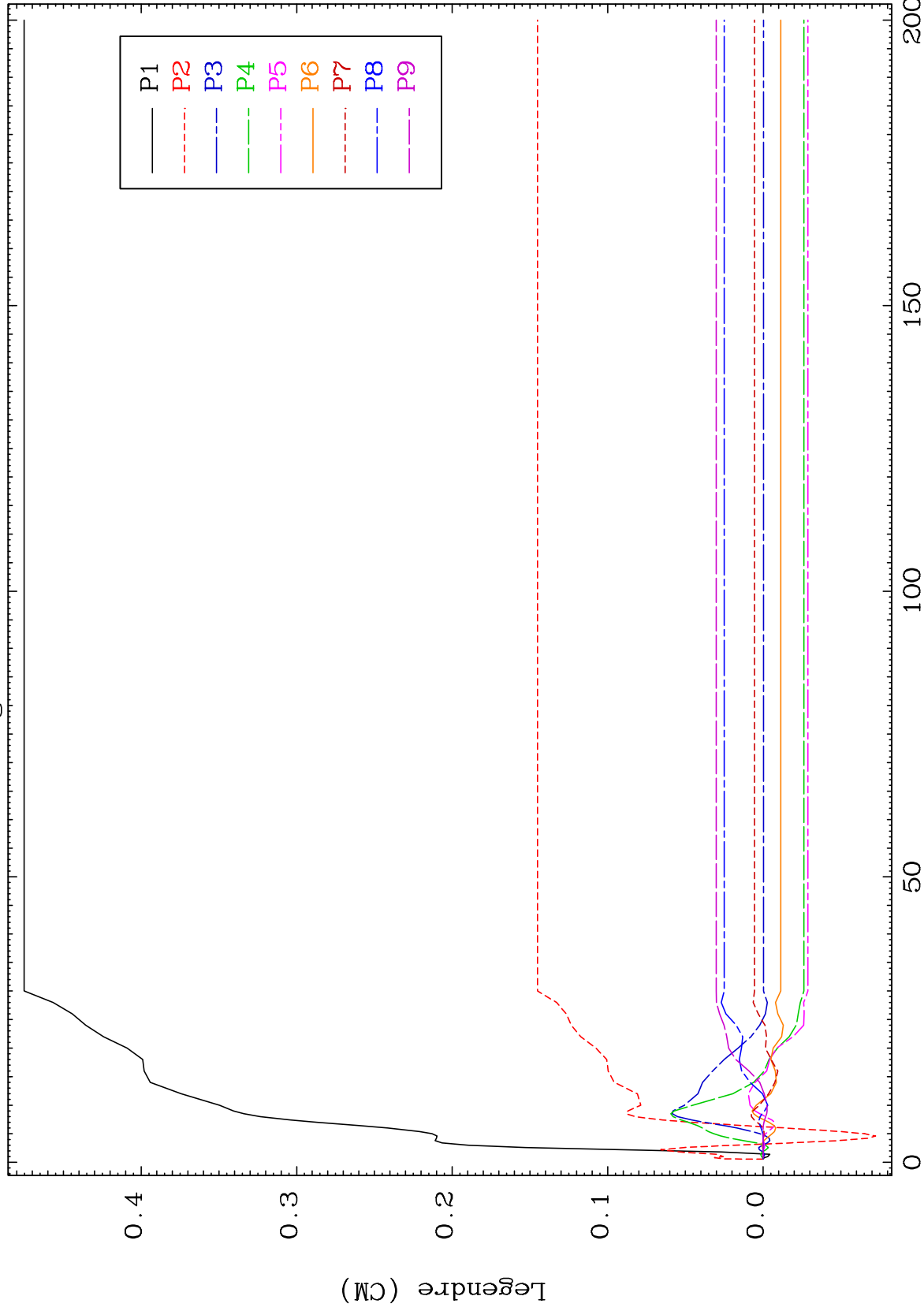
Incident Energy (MeV)

81-T1-186

MAT 8074

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

81-Tl-186



46

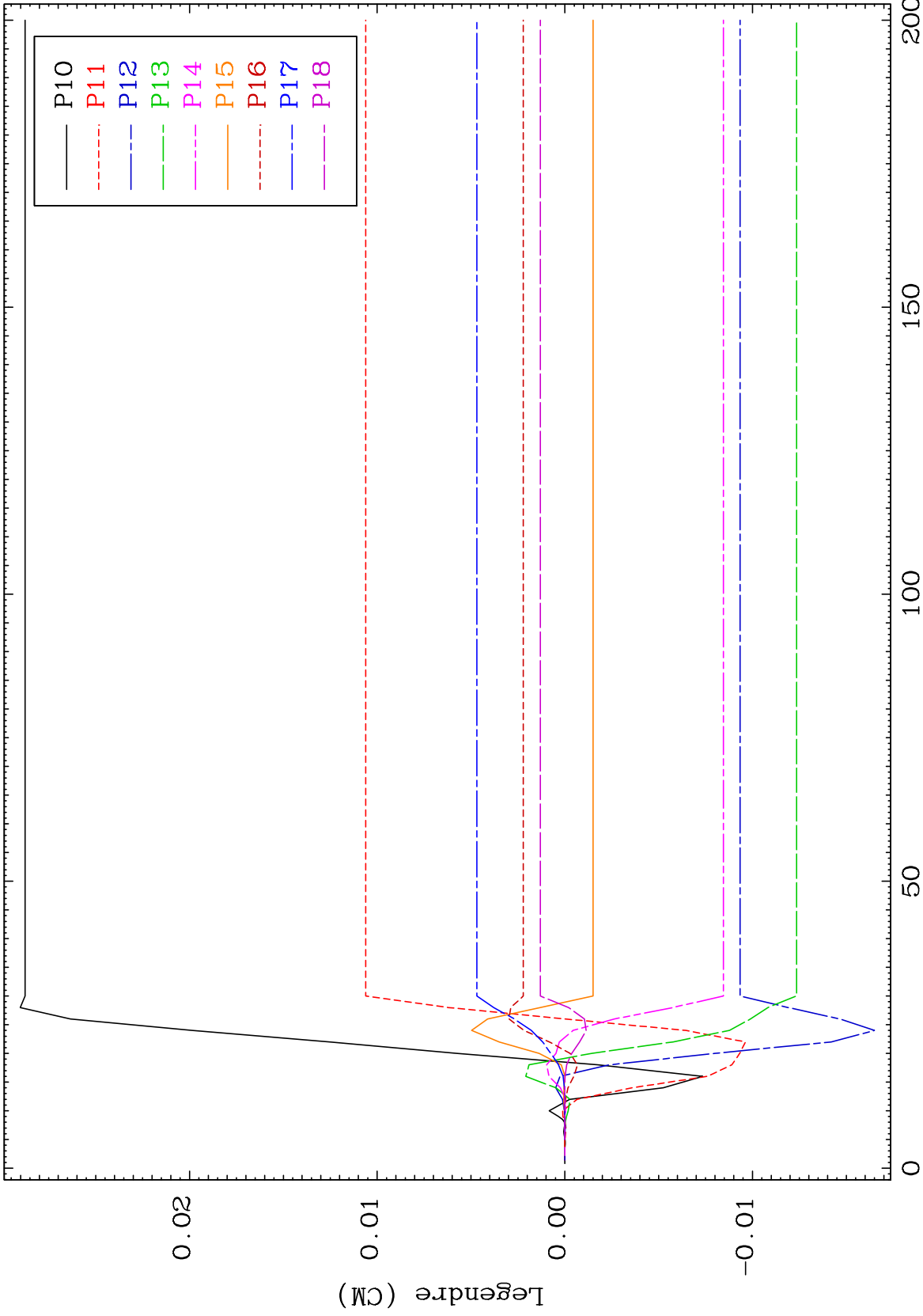
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-Tl-186



47

Incident Energy (MeV)

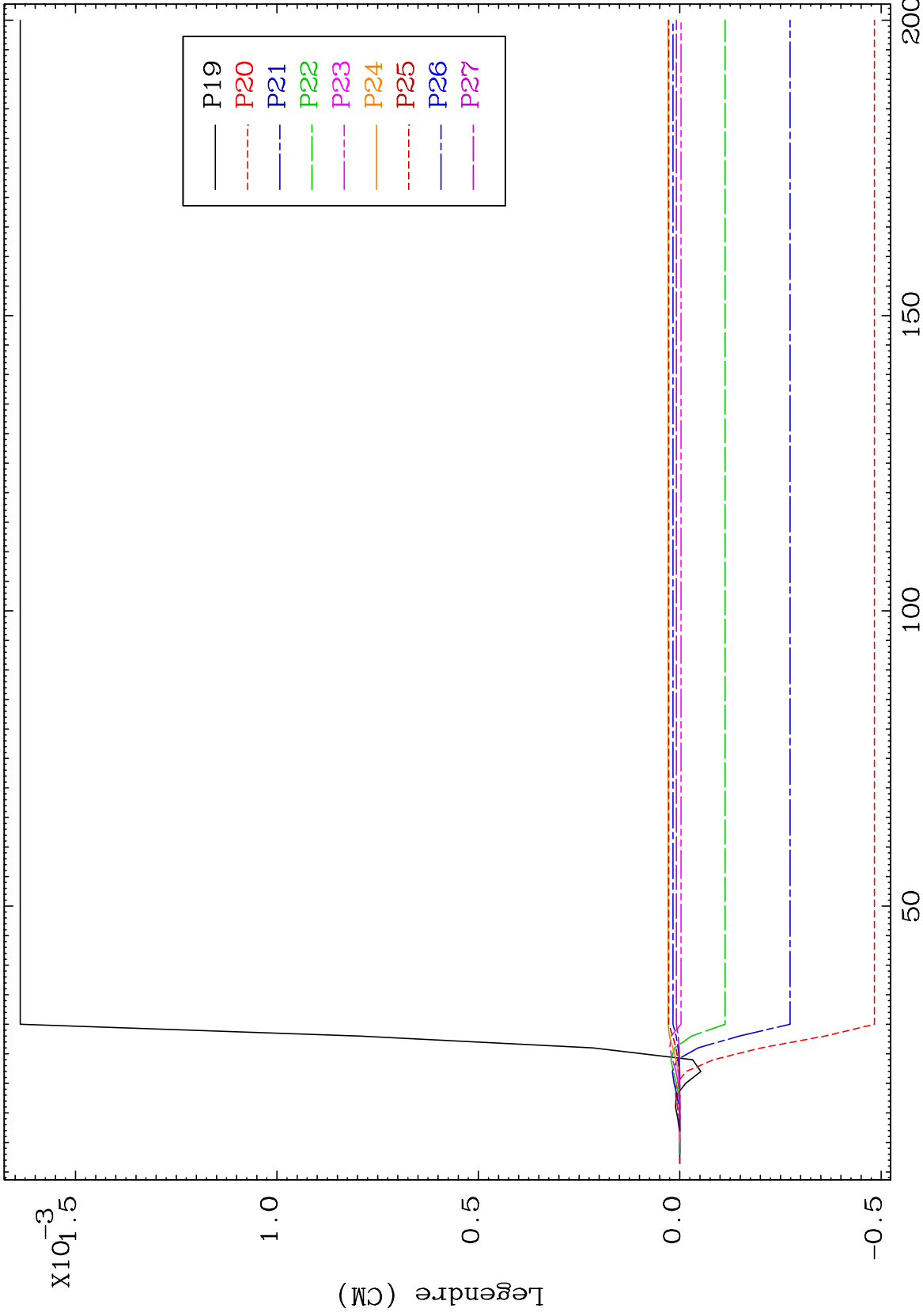
81-Tl-186



MAT 8074

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

81-T1-186



48

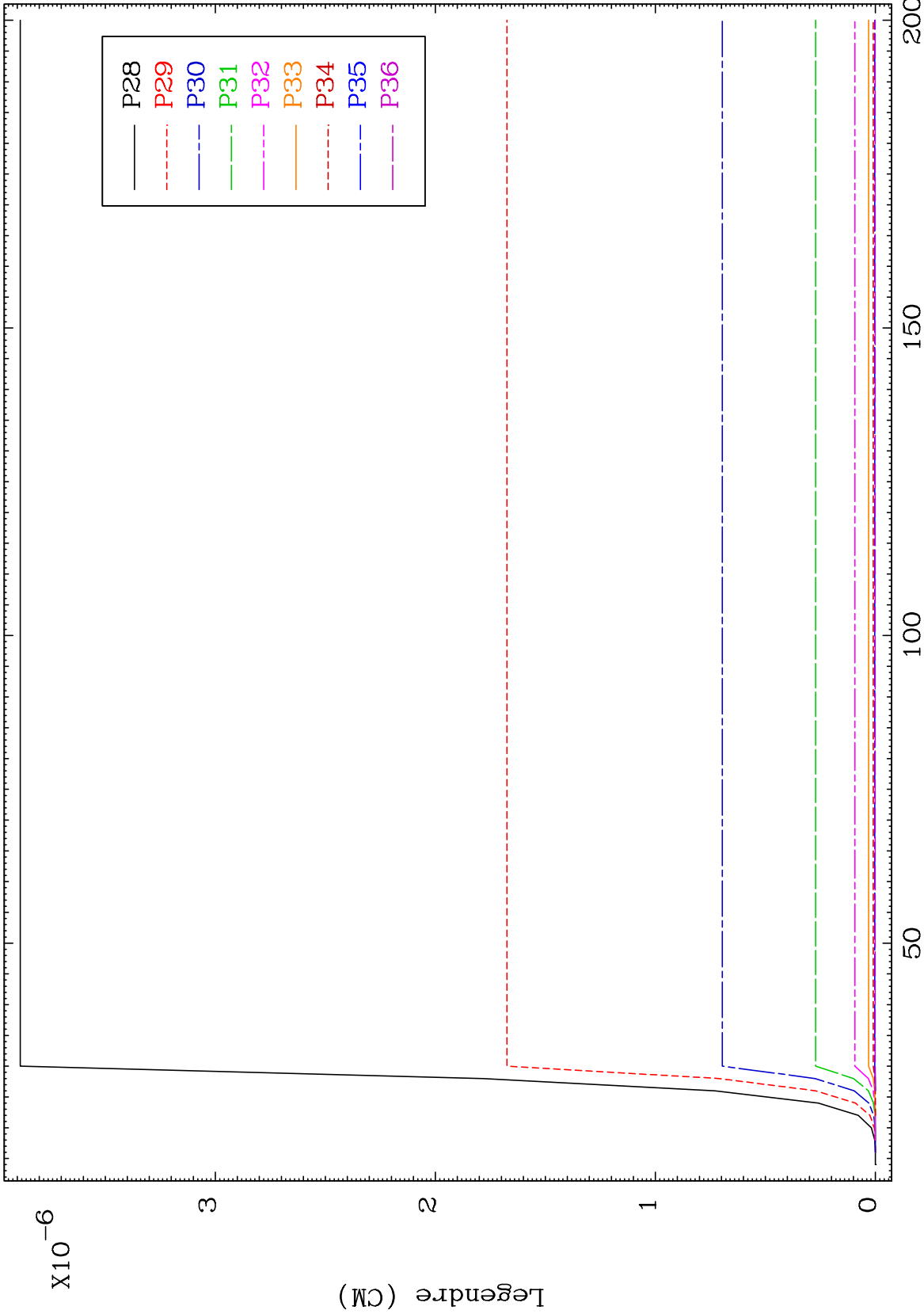
Incident Energy (MeV)

81-T1-186

MAT 8074

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

81-T1-186



49

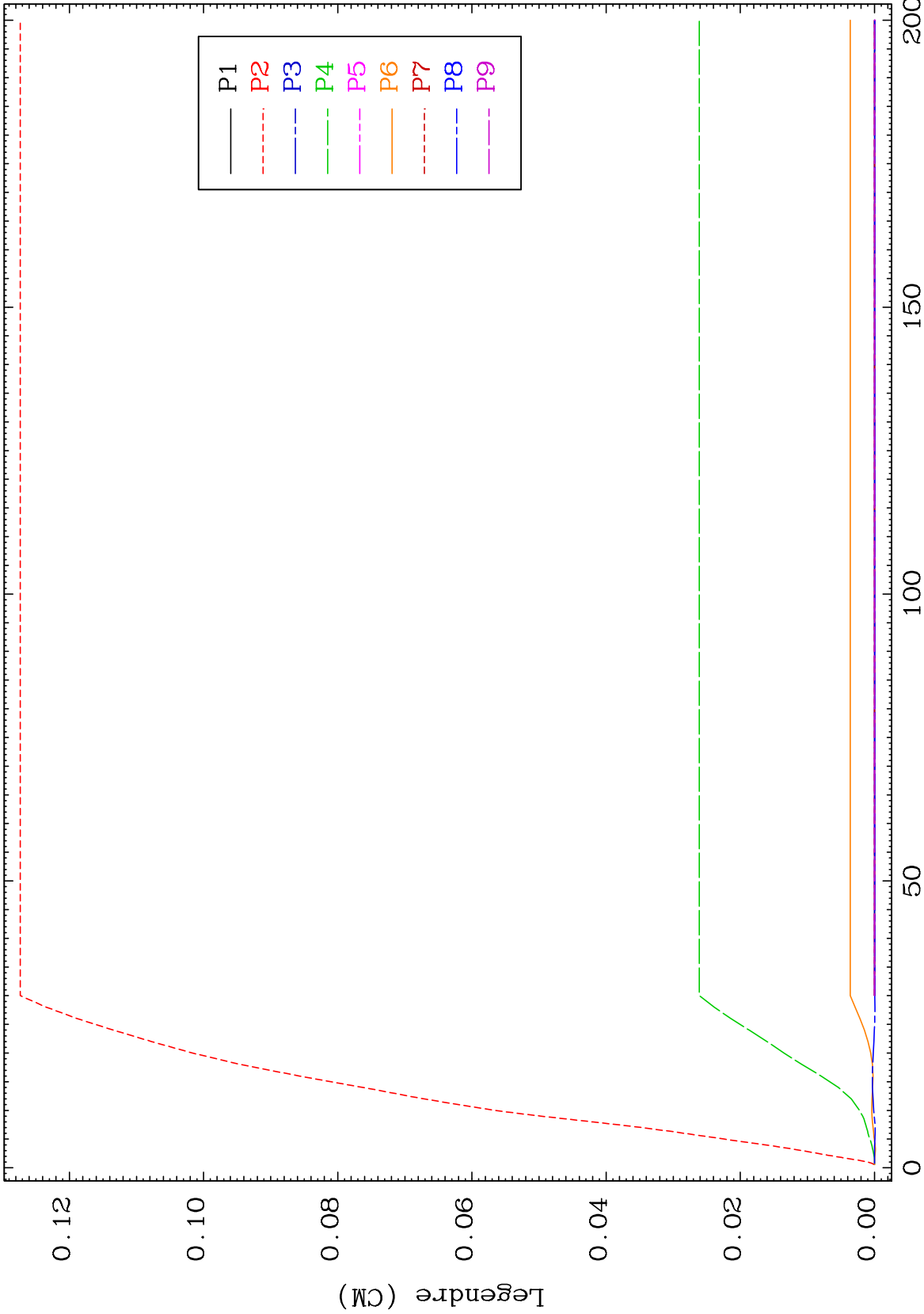
Incident Energy (MeV)

81-T1-186

MAT 8074

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

81-Tl-186



50

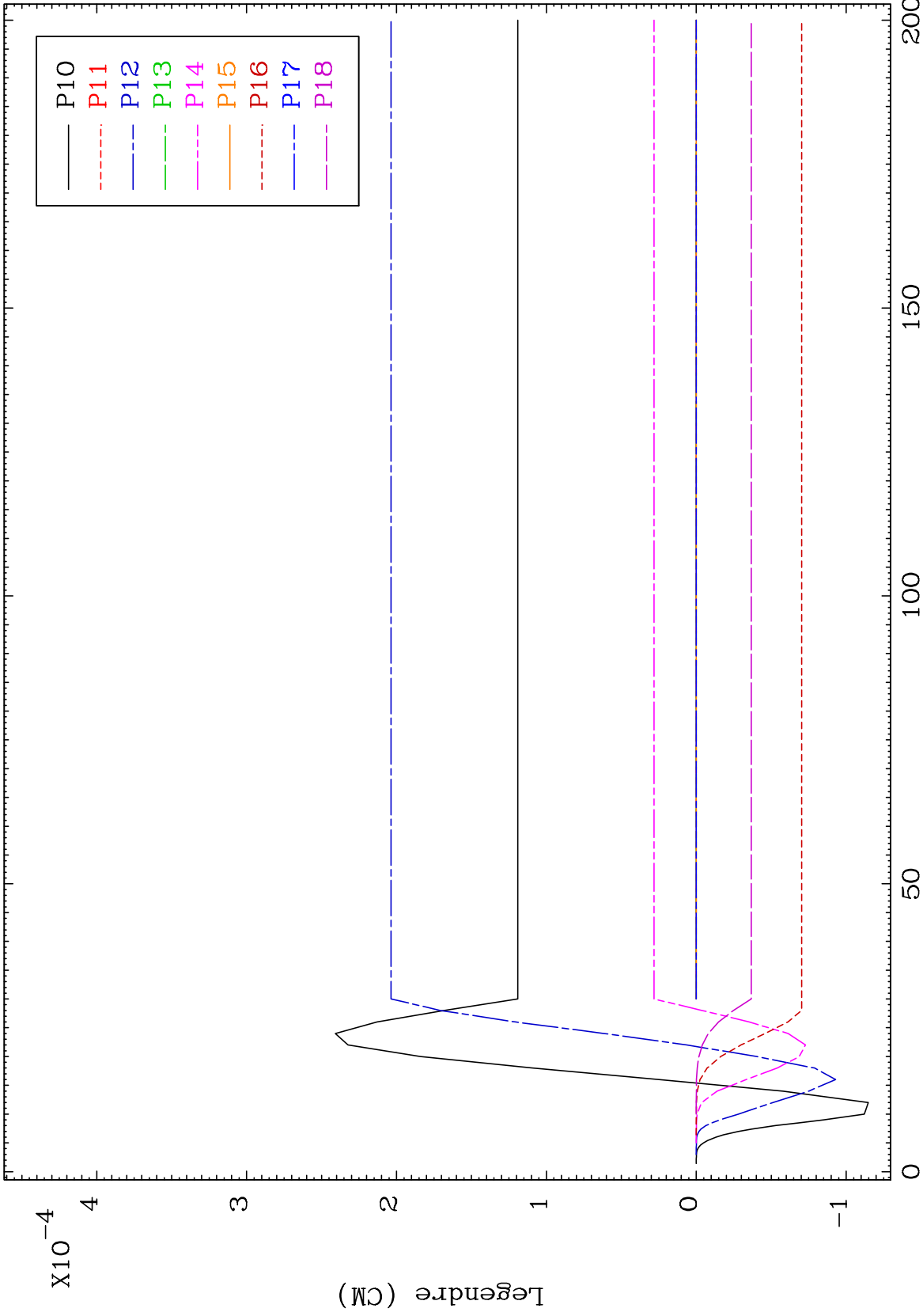
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-Tl-186



51

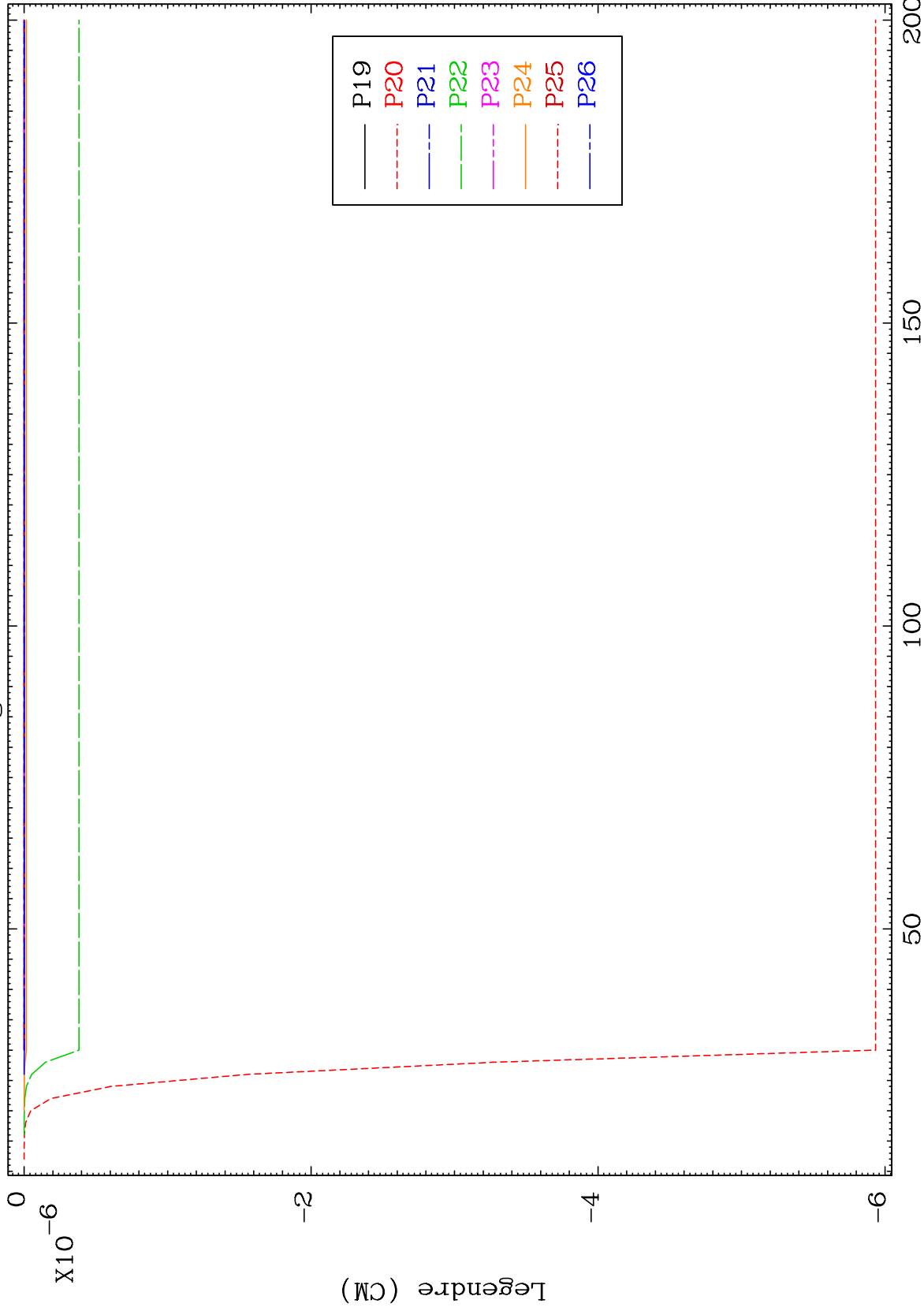
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-T1-186



52

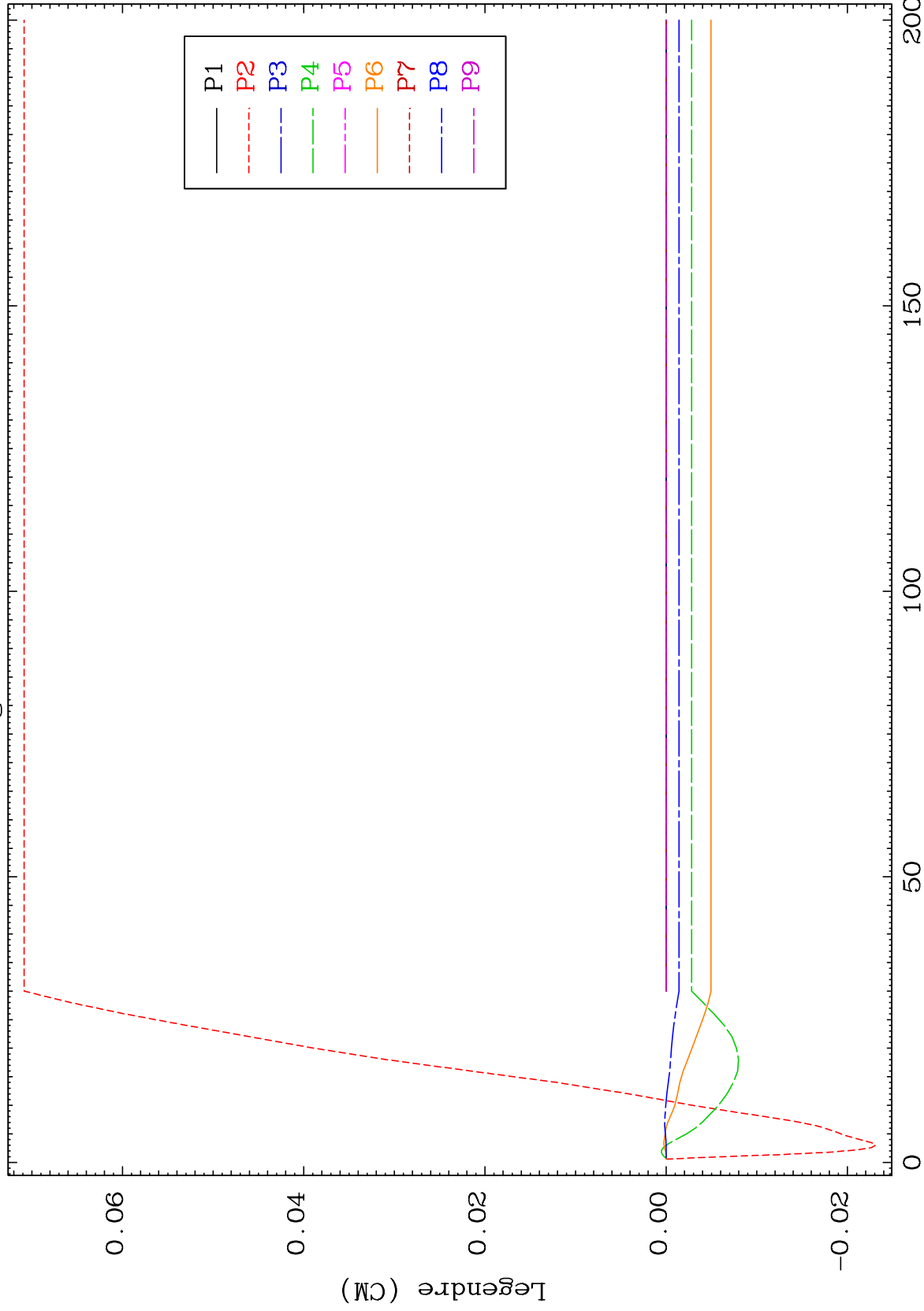
Incident Energy (MeV)

81-T1-186

MAT 8074

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

81-Tl-186



53

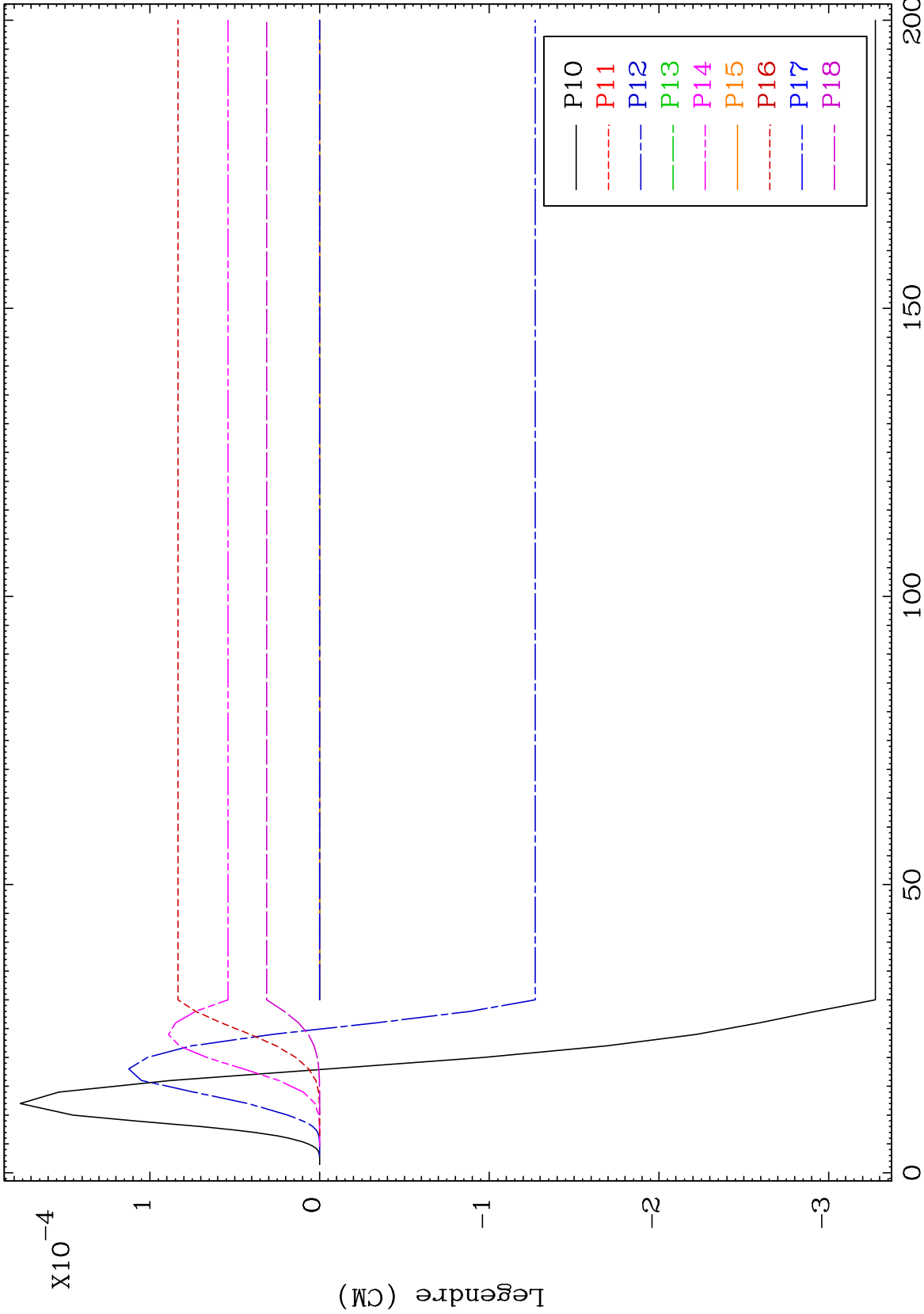
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-T1-186

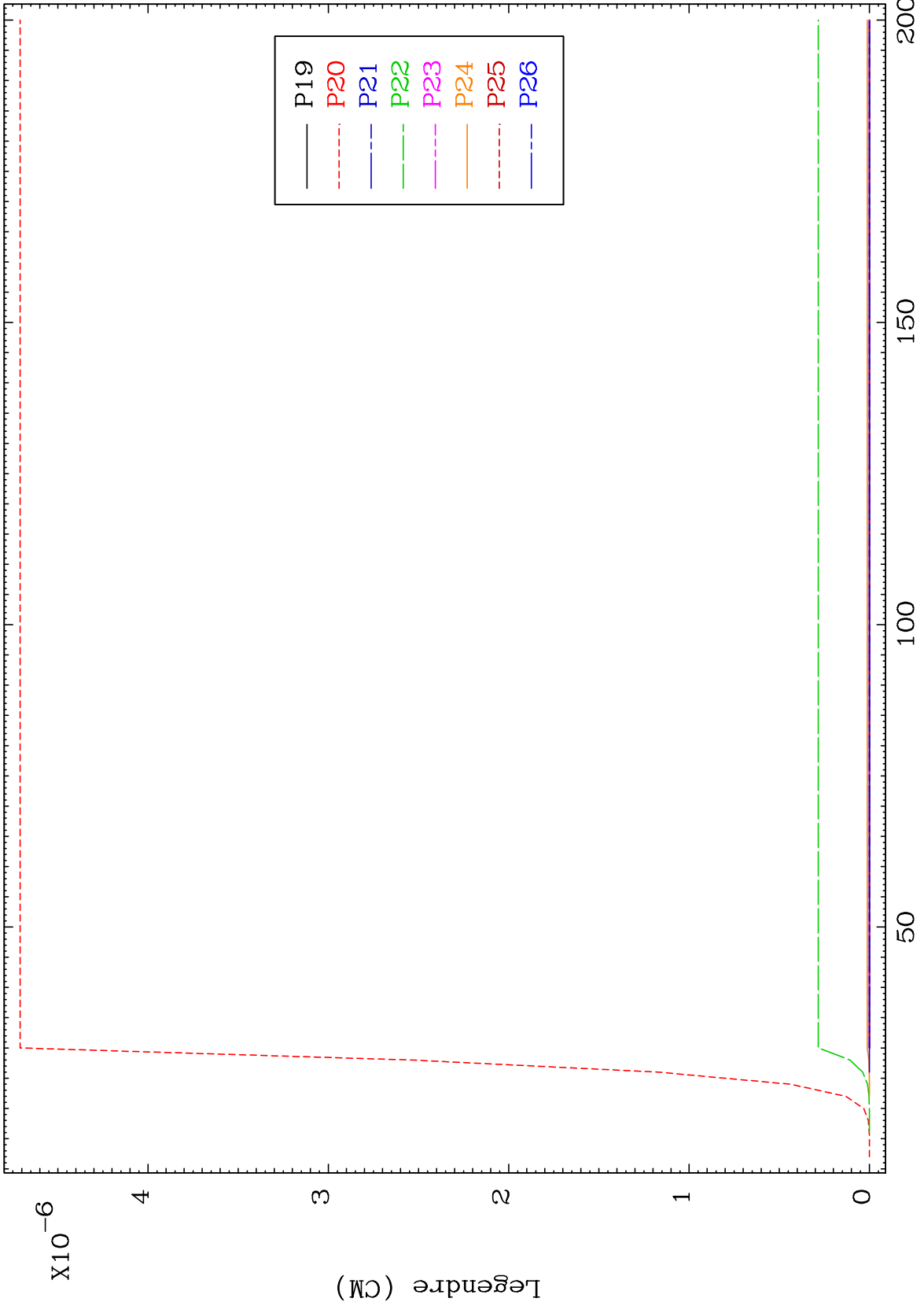


54

Incident Energy (MeV)

81-T1-186

MAT 8074 MT= 60 (n,n') Level Legendre Coefficients 81-T1-186



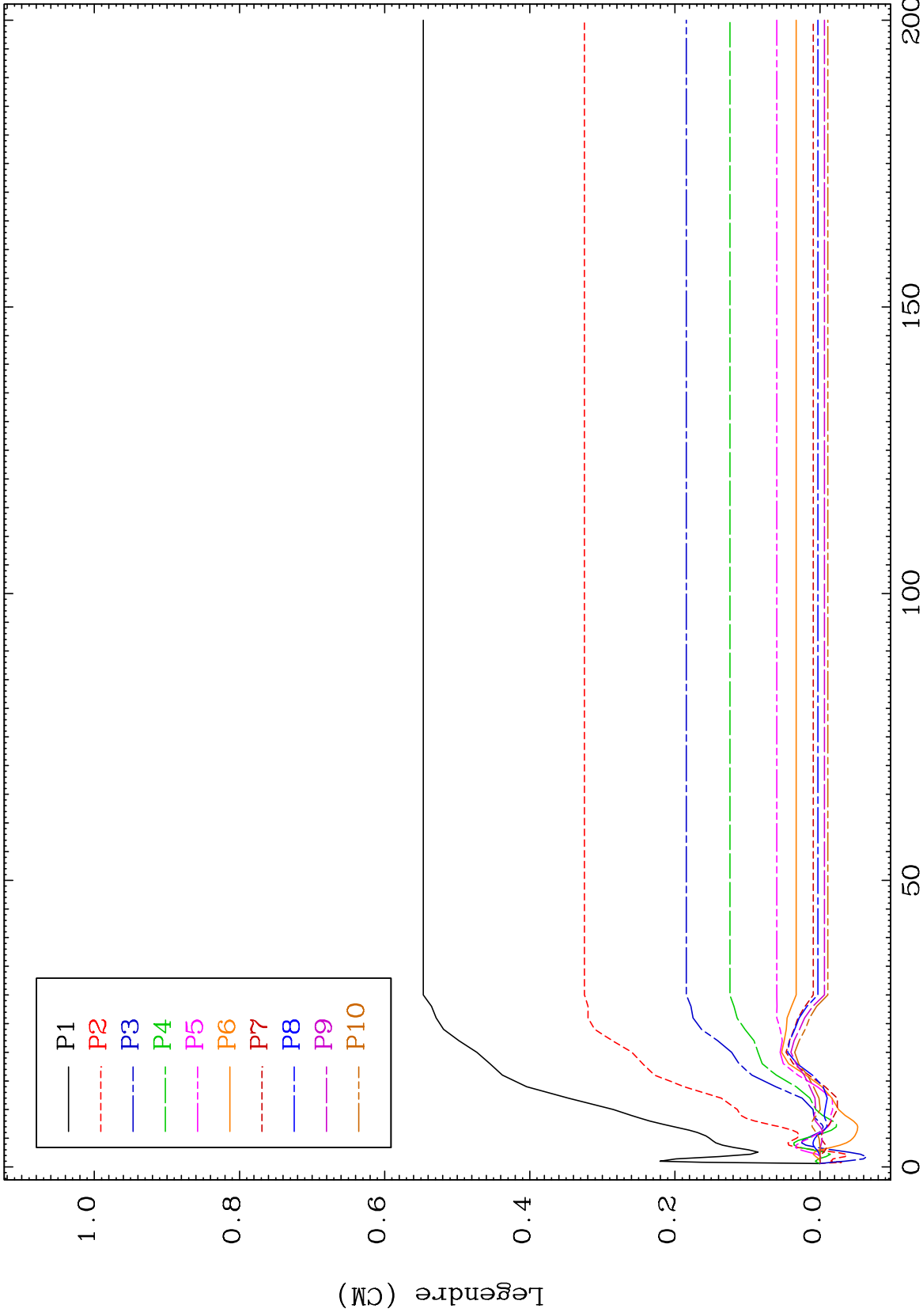
81-T1-186



MAT 8074

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

81-Tl-186



56

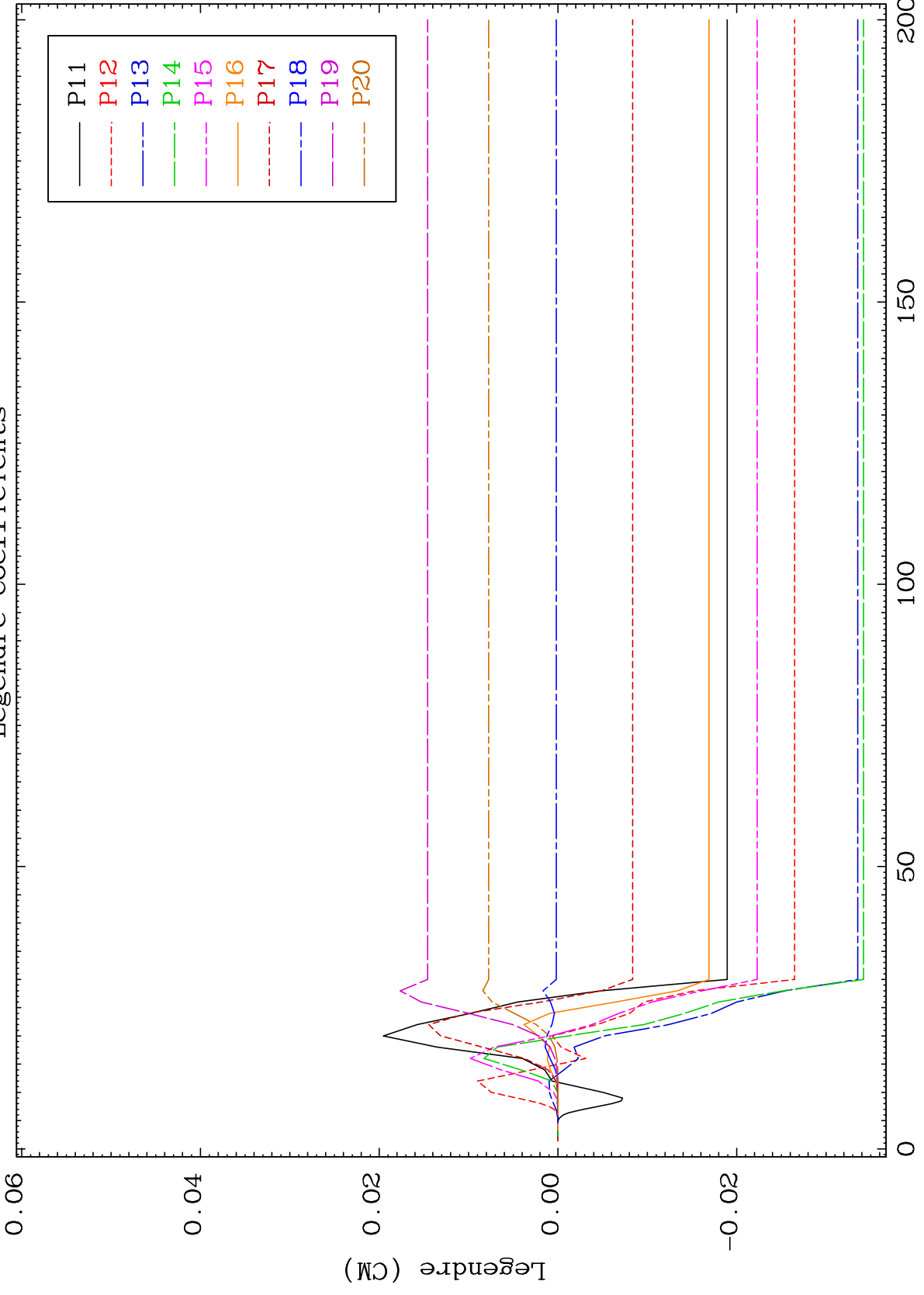
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-Tl-186



81-Tl-186

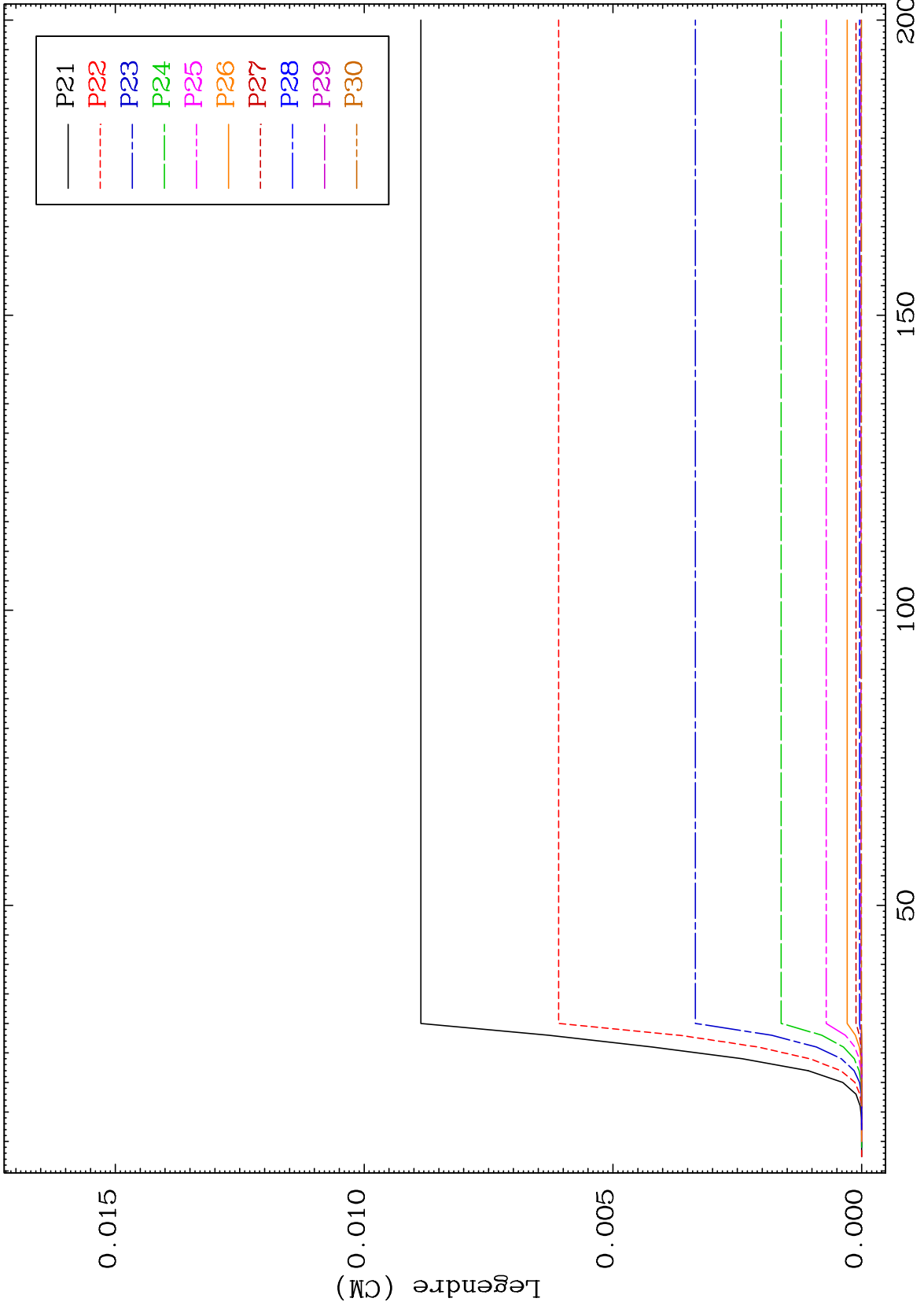
Incident Energy (MeV)

57

MAT 8074

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

81-Tl-186



58

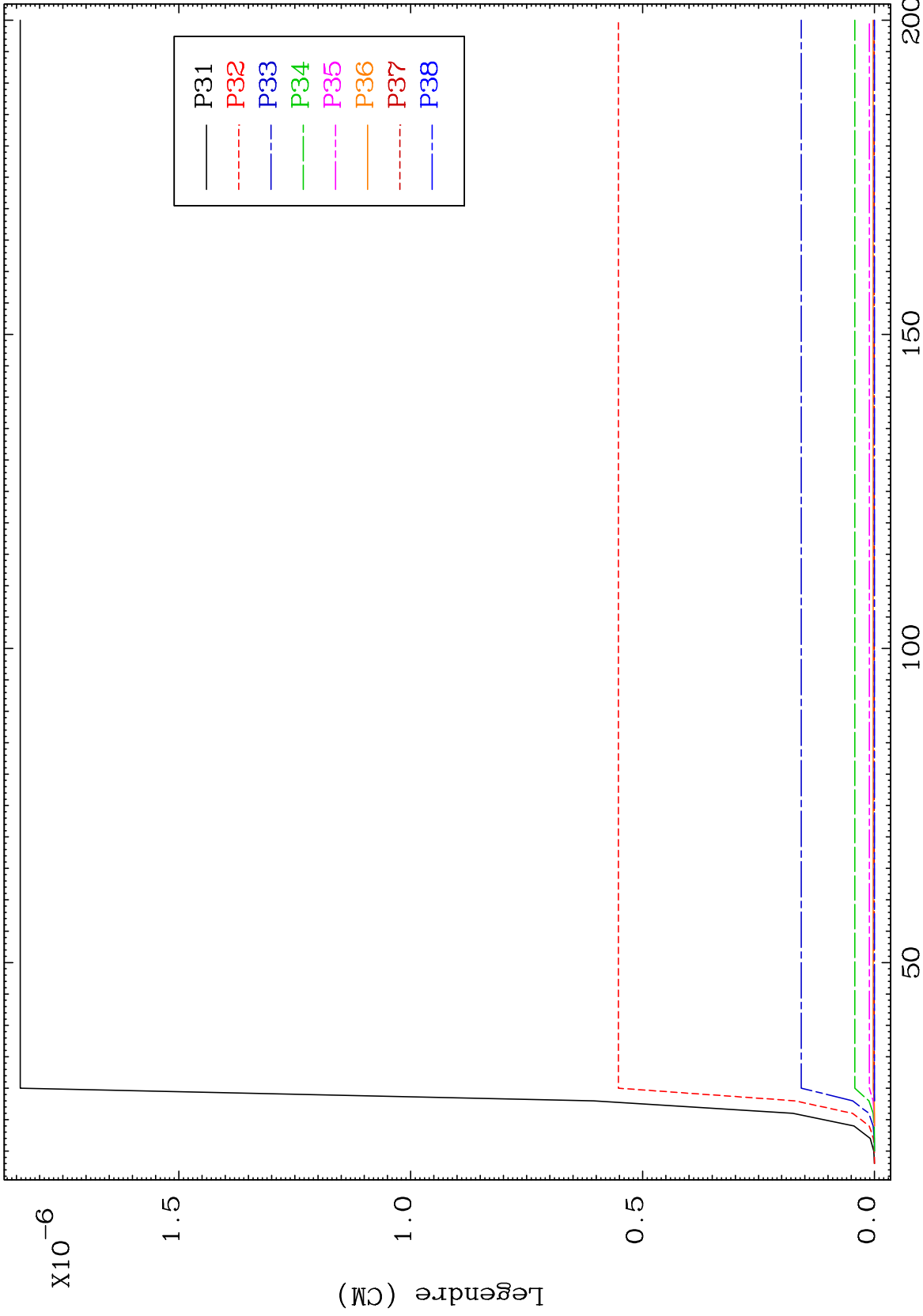
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

81-T1-186



59

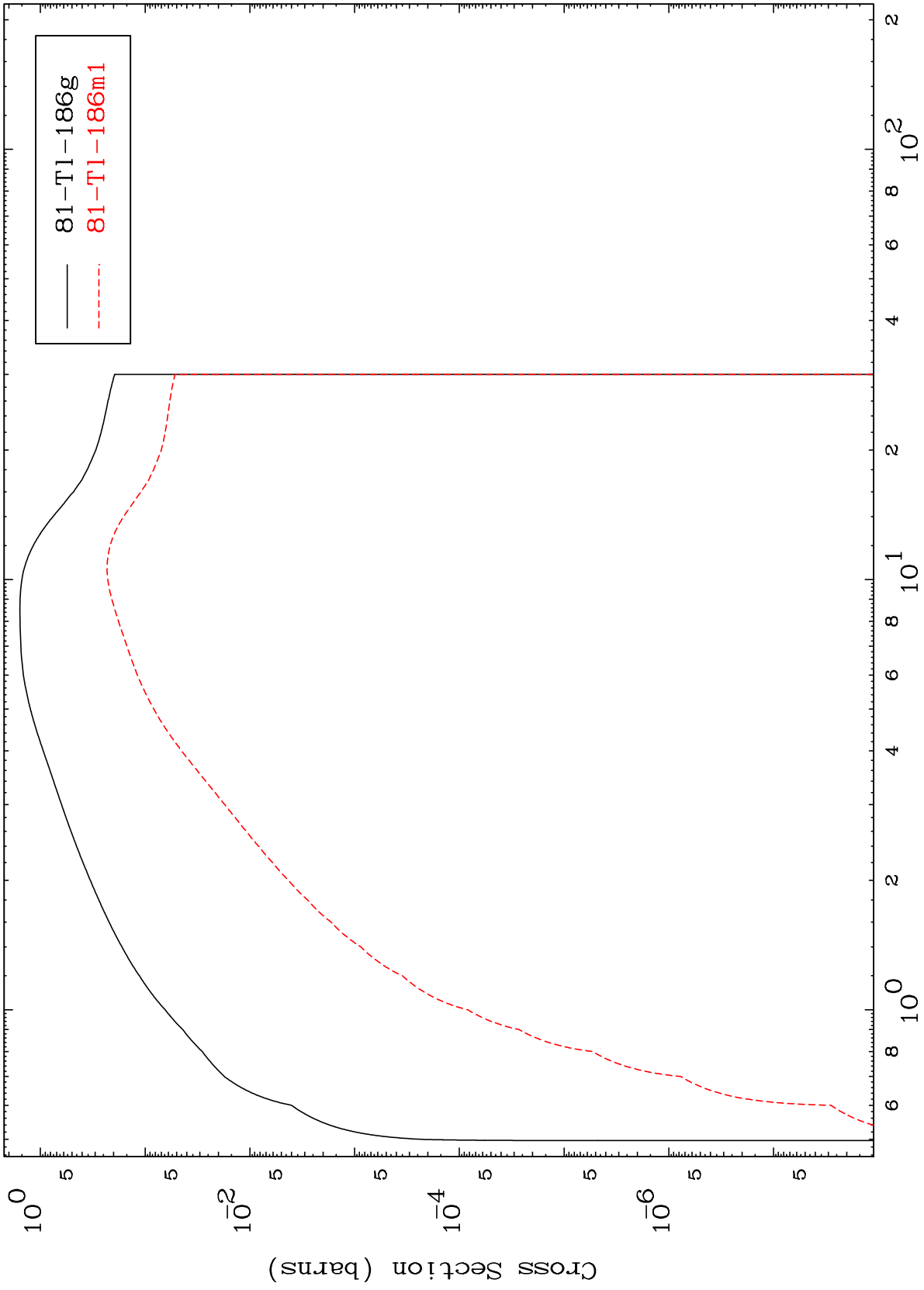
Incident Energy (MeV)

81-T1-186

MAT 8074

81-Tl-186

### Inelastic Radionuclide Production Cross Section



60

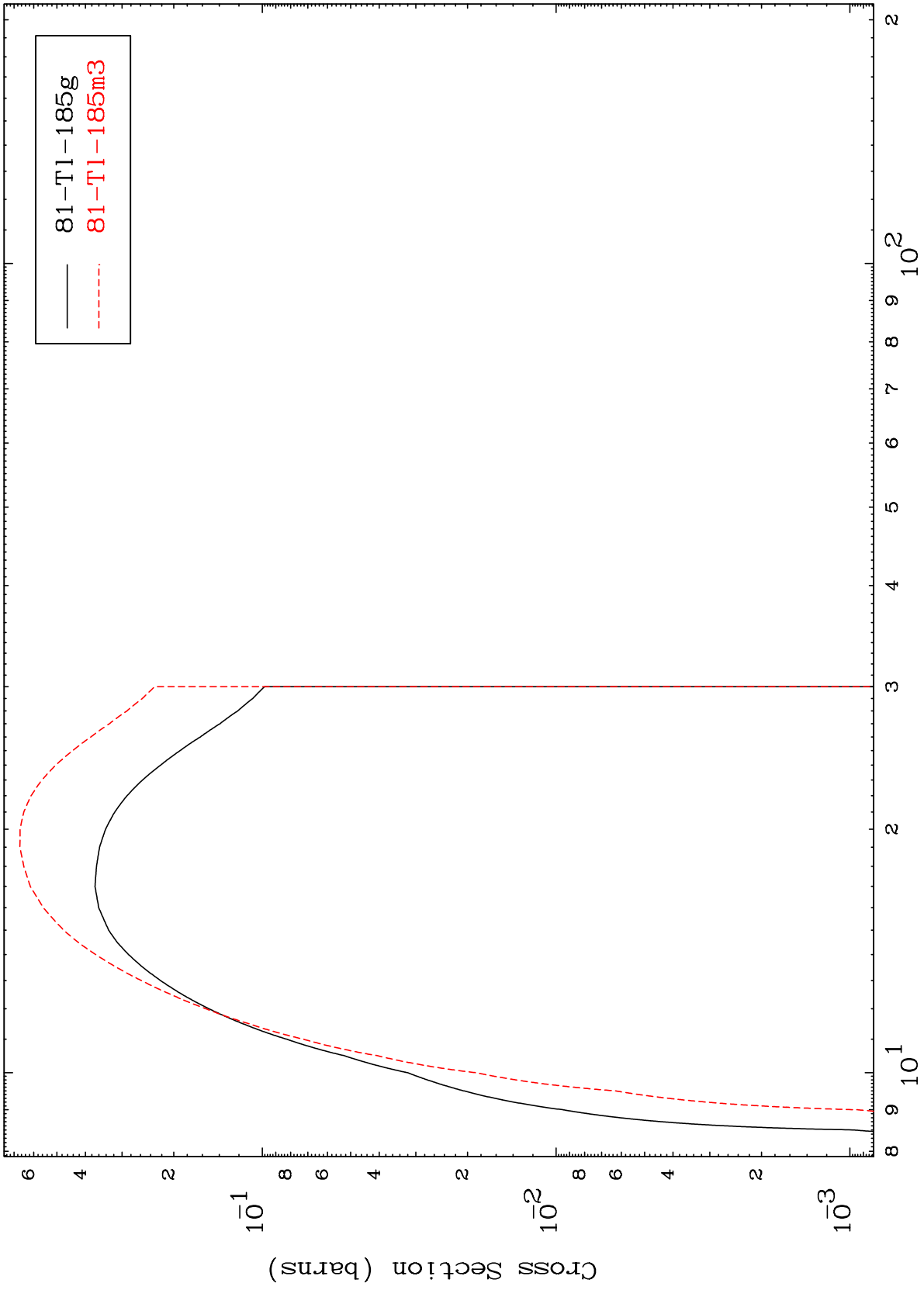
Incident Energy (MeV)

81-Tl-186

MAT 8074

81-Tl-186

(n,2n)  
Radionuclide Production Cross Section



61

Incident Energy (MeV)

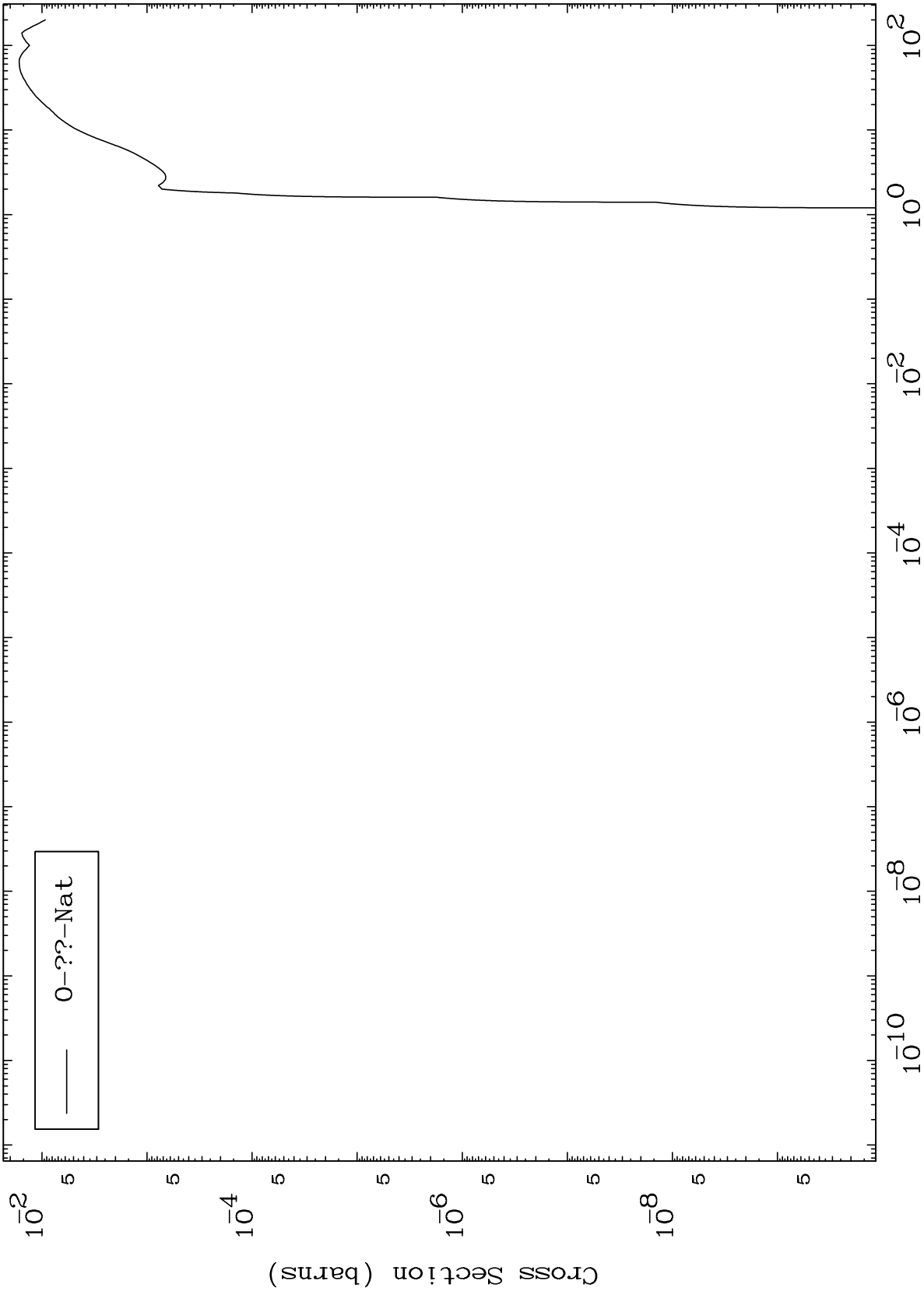
81-Tl-186

MAT 8074

Fission

81-Tl-186

Radionuclide Production Cross Section



62

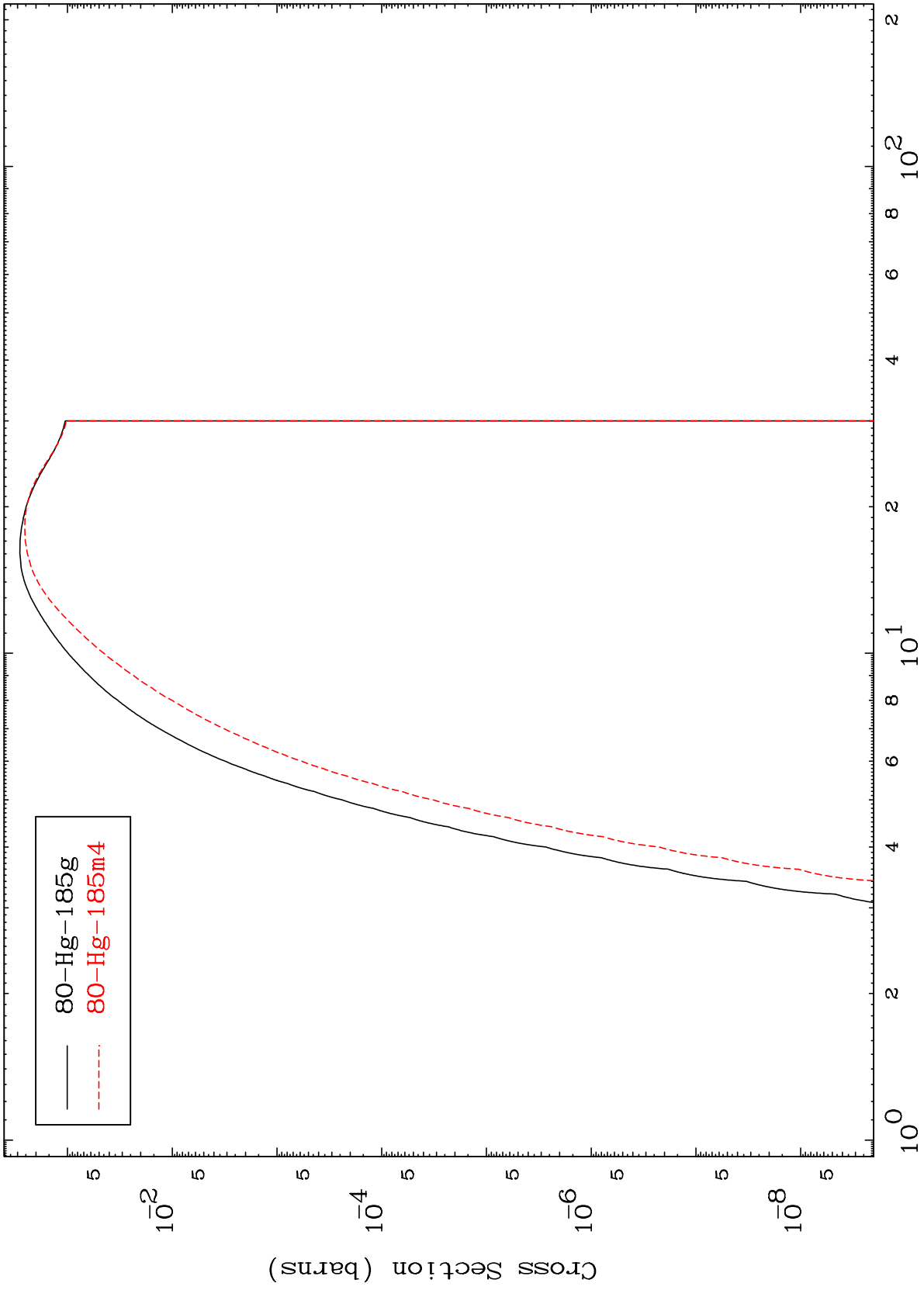
Incident Energy (MeV)

81-Tl-186

MAT 8074

81-Tl-186

(n,n') p  
Radionuclide Production Cross Section



63

Incident Energy (MeV)

81-Tl-186

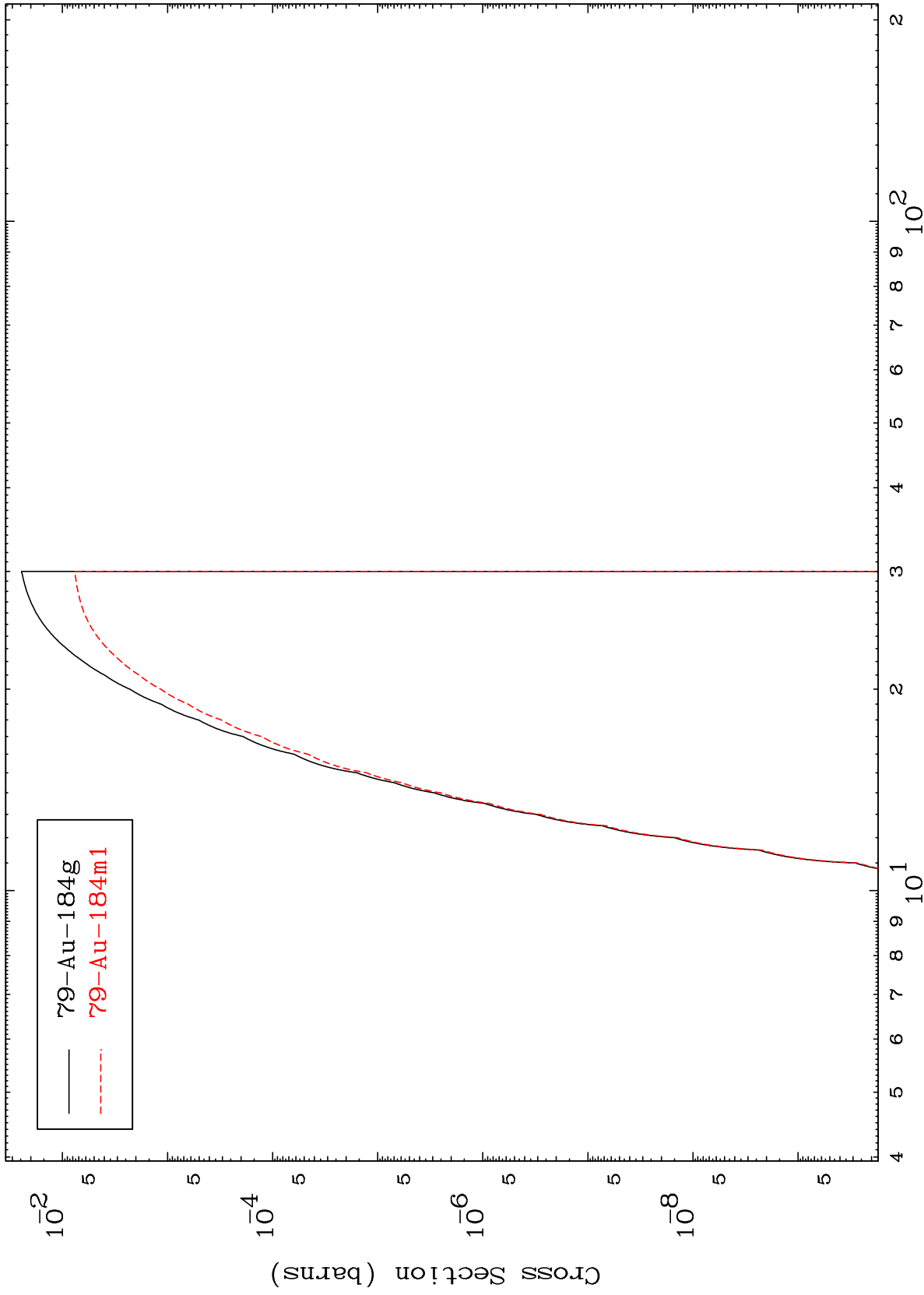


MAT 8074

(n,2n) p

81-Tl-186

Radionuclide Production Cross Section



79-Au-184g  
79-Au-184m1

64

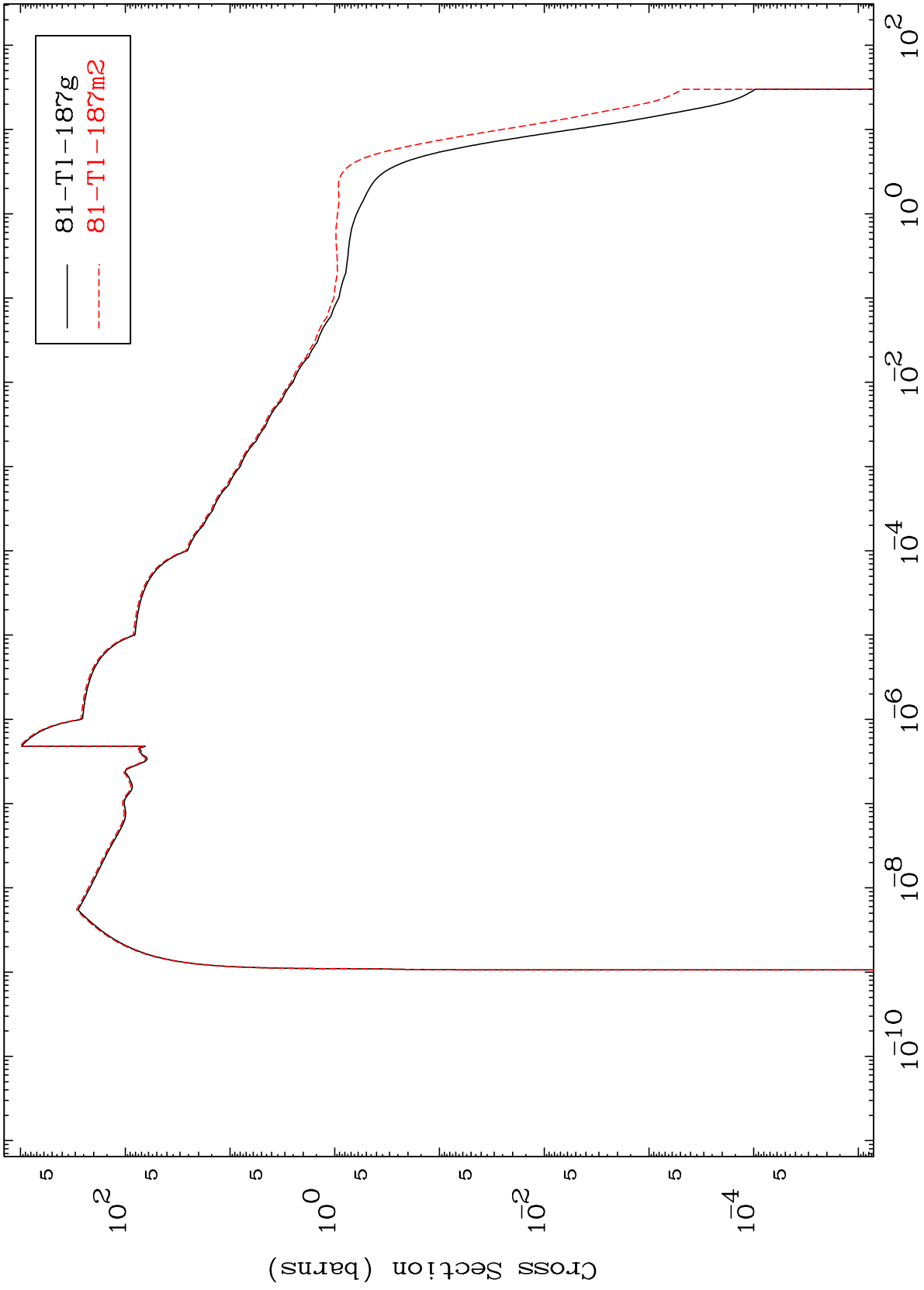
Incident Energy (MeV)

81-Tl-186

MAT 8074

81-Tl-186

Radionuclide Production Cross Section



65

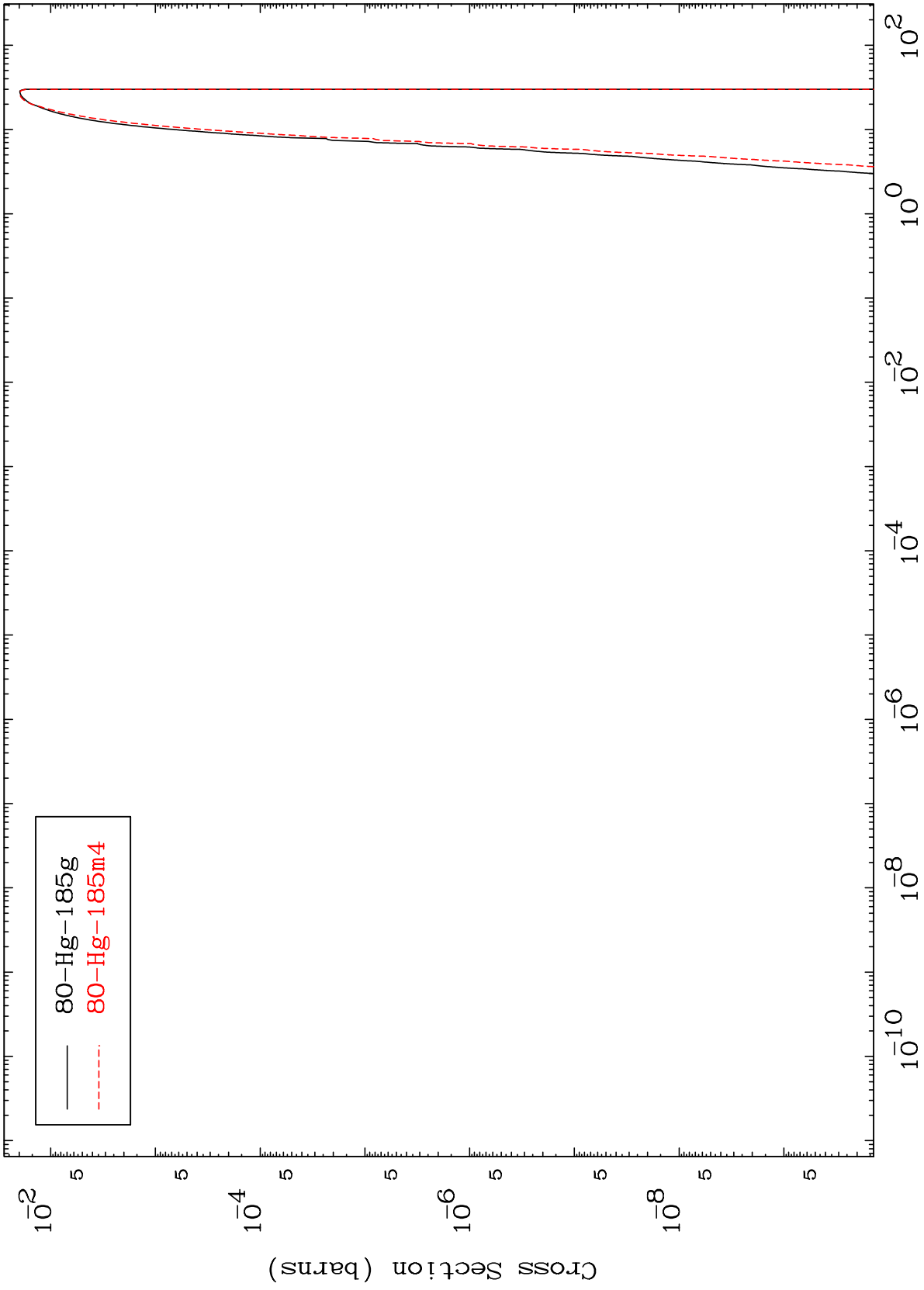
81-Tl-186

MAT 8074

(n,d)

81-Tl-186

Radionuclide Production Cross Section



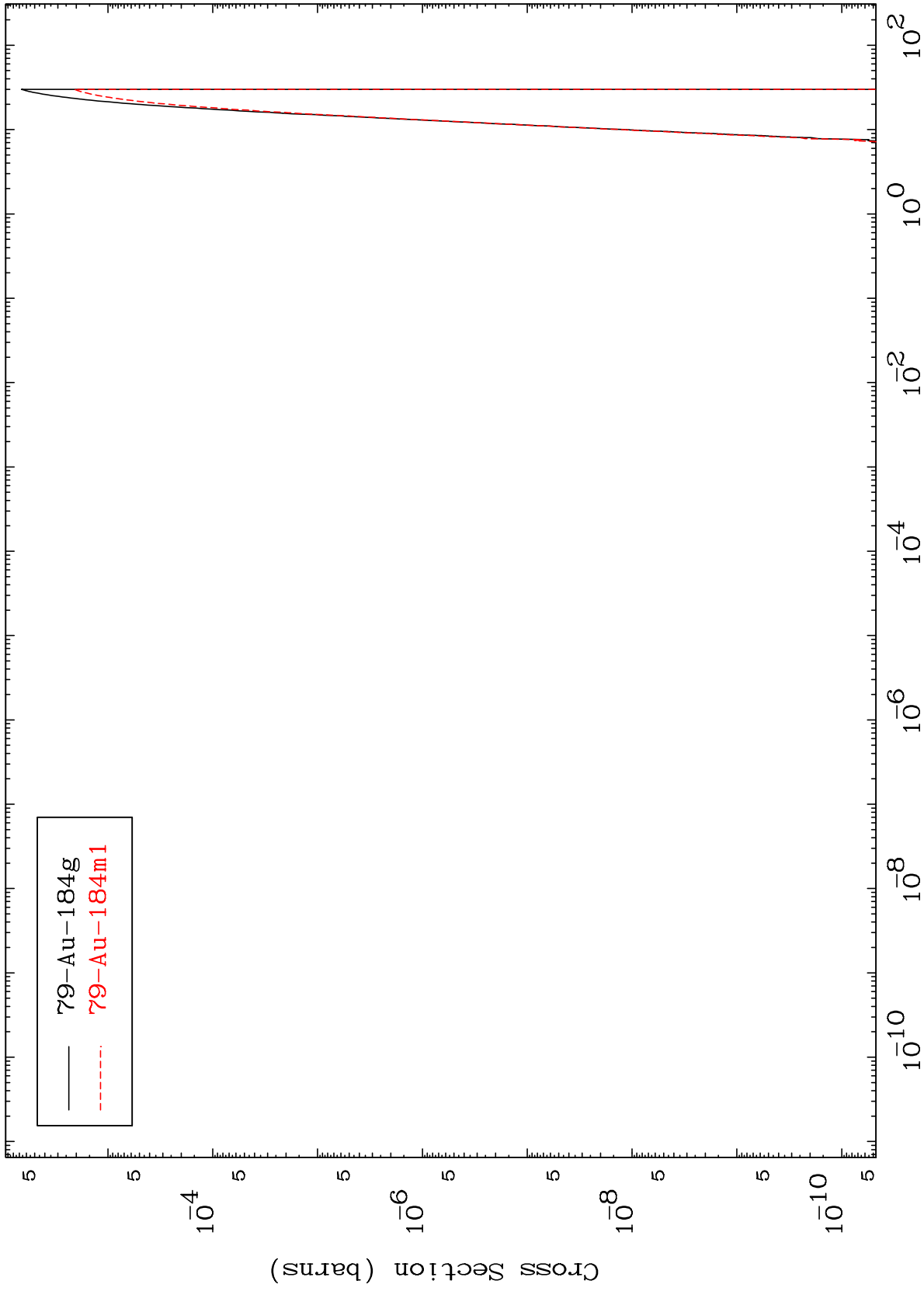
66

MAT 8074

(n, He-3)

81-Tl-186

Radionuclide Production Cross Section



67

Incident Energy (MeV)

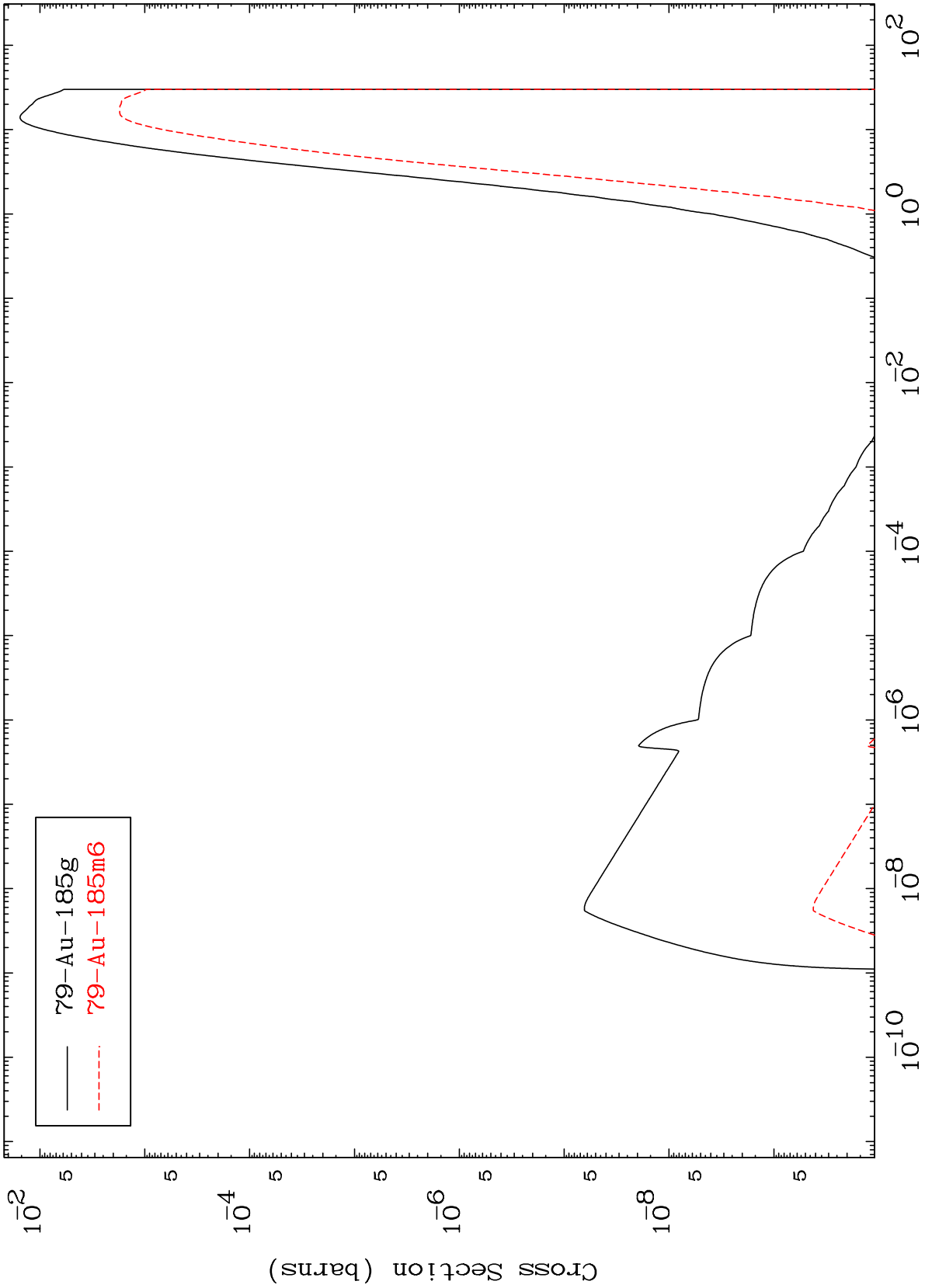
81-Tl-186

MAT 8074

(n,2p)

81-Tl-186

Radionuclide Production Cross Section



68

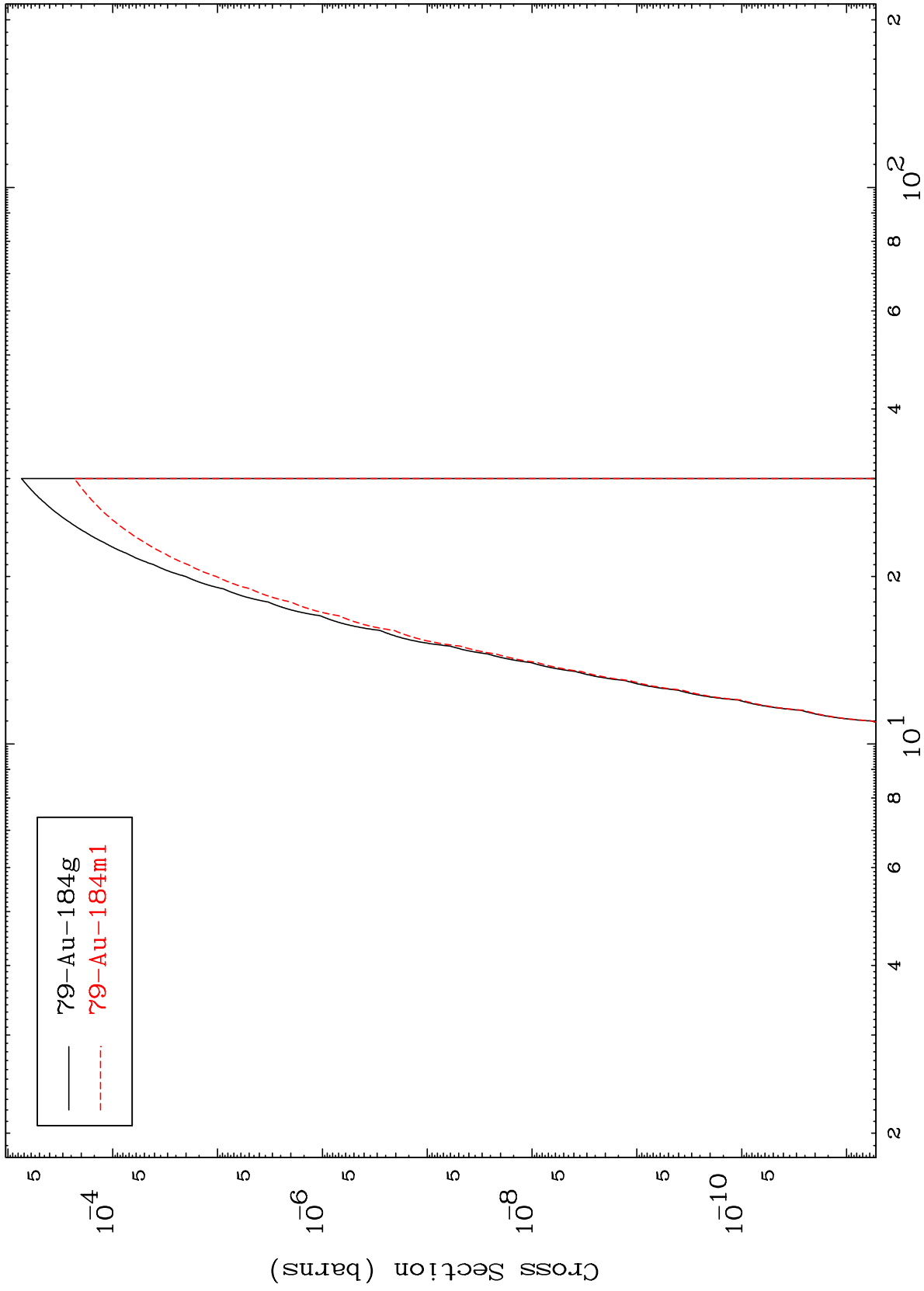
81-Tl-186

MAT 8074

(n,p) d

81-Tl-186

Radionuclide Production Cross Section



69

Incident Energy (MeV)

81-Tl-186