

Program EVALPLOT  
(Version 2015-2)

by

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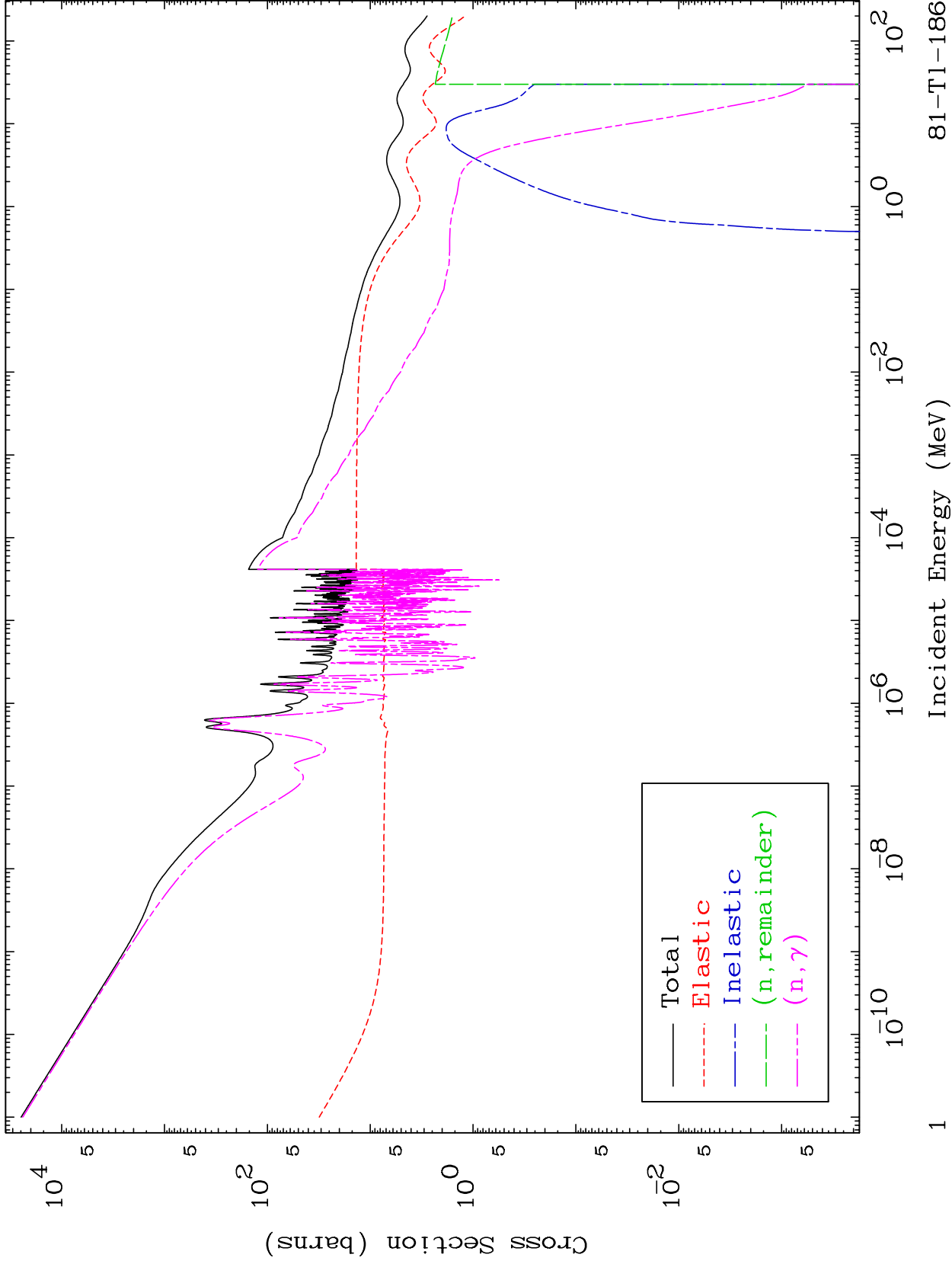
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8074

Major  
293 Kelvin Cross Sections

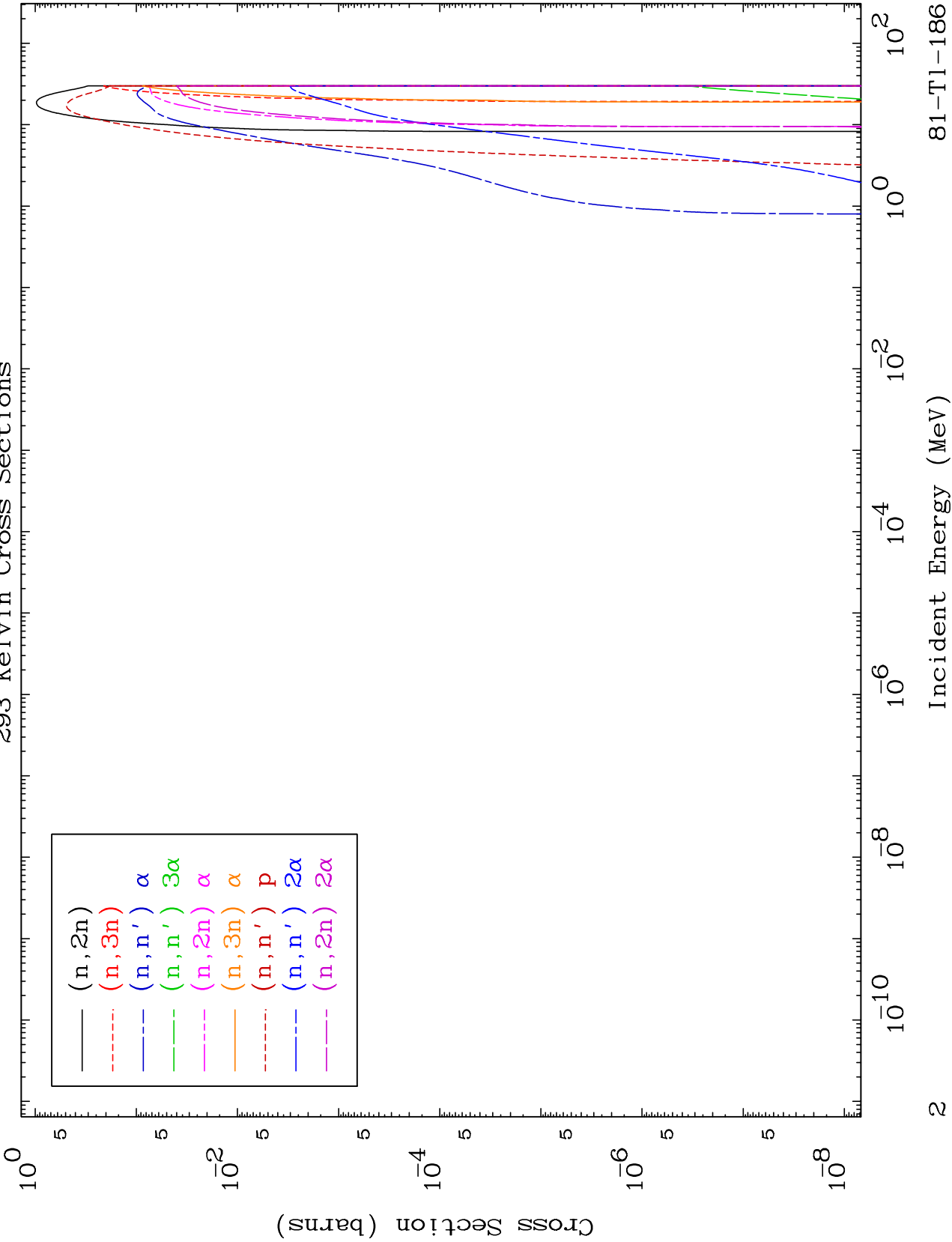
81-Tl-186



MAT 8074

Neutron Production  
293 Kelvin Cross Sections

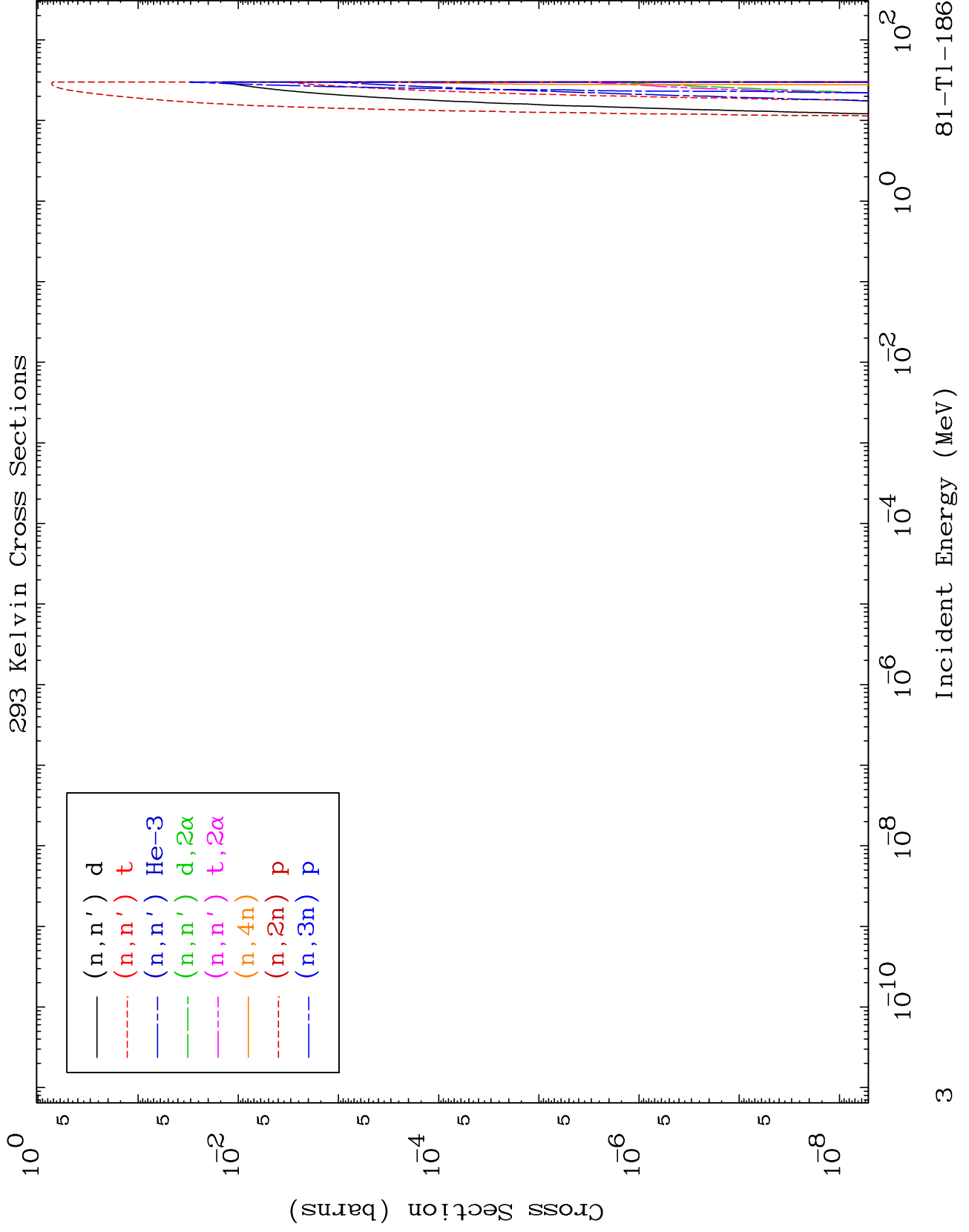
81-Tl-186



MAT 8074

Neutron Production  
293 Kelvin Cross Sections

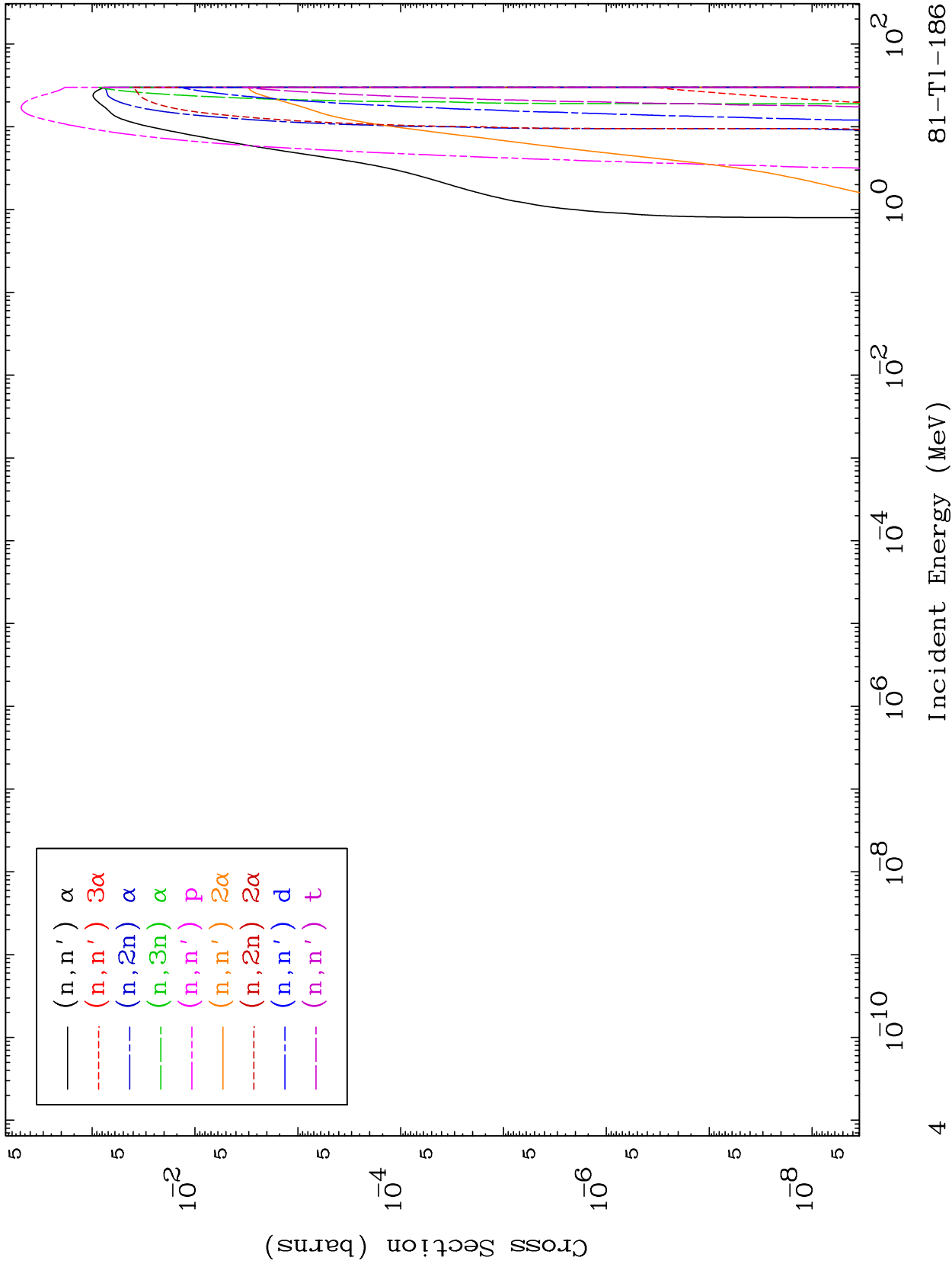
81-Tl-186



MAT 8074

Charged Particle  
293 Kelvin Cross Sections

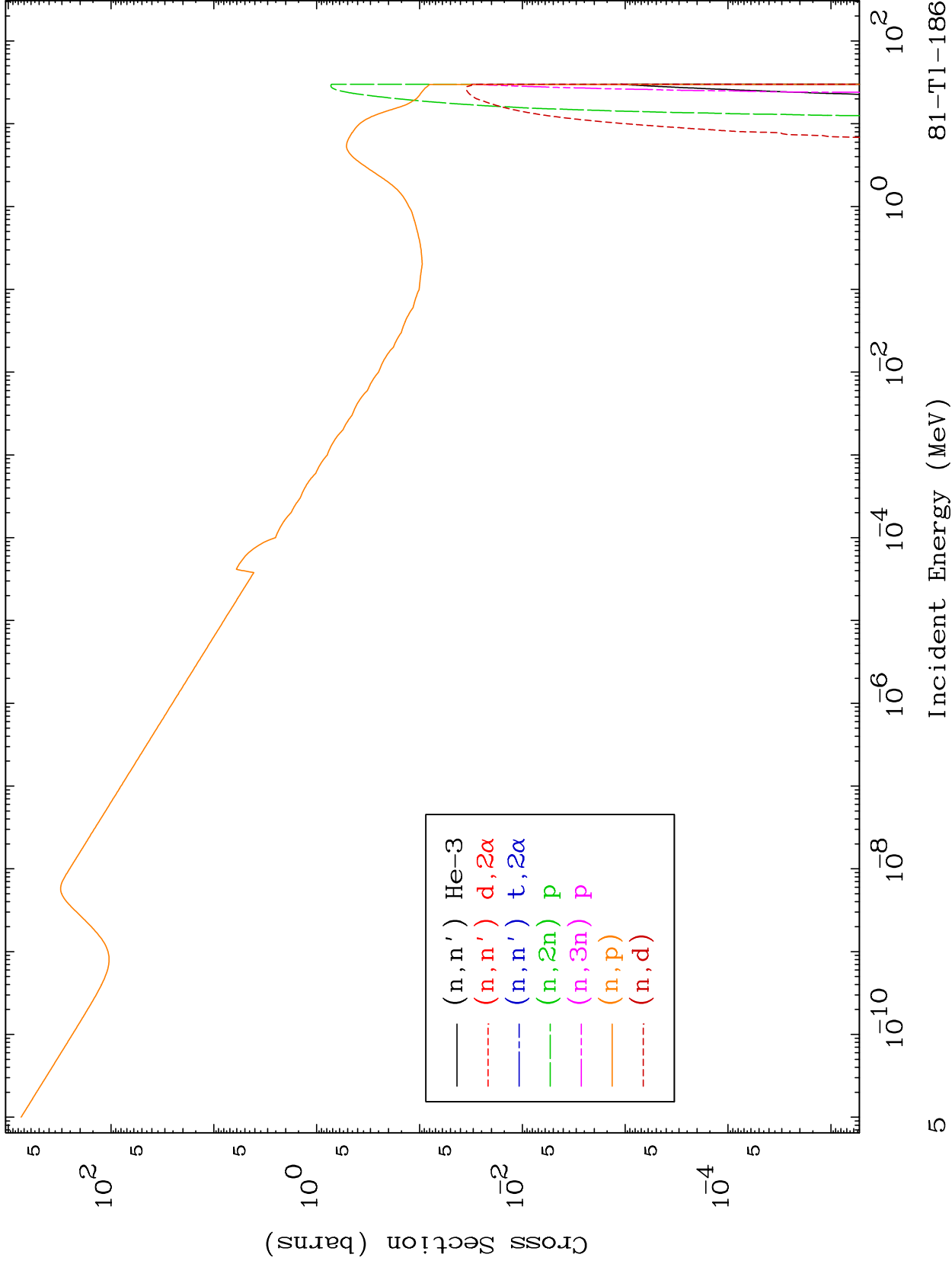
81-Tl-186



MAT 8074

Charged Particle  
293 Kelvin Cross Sections

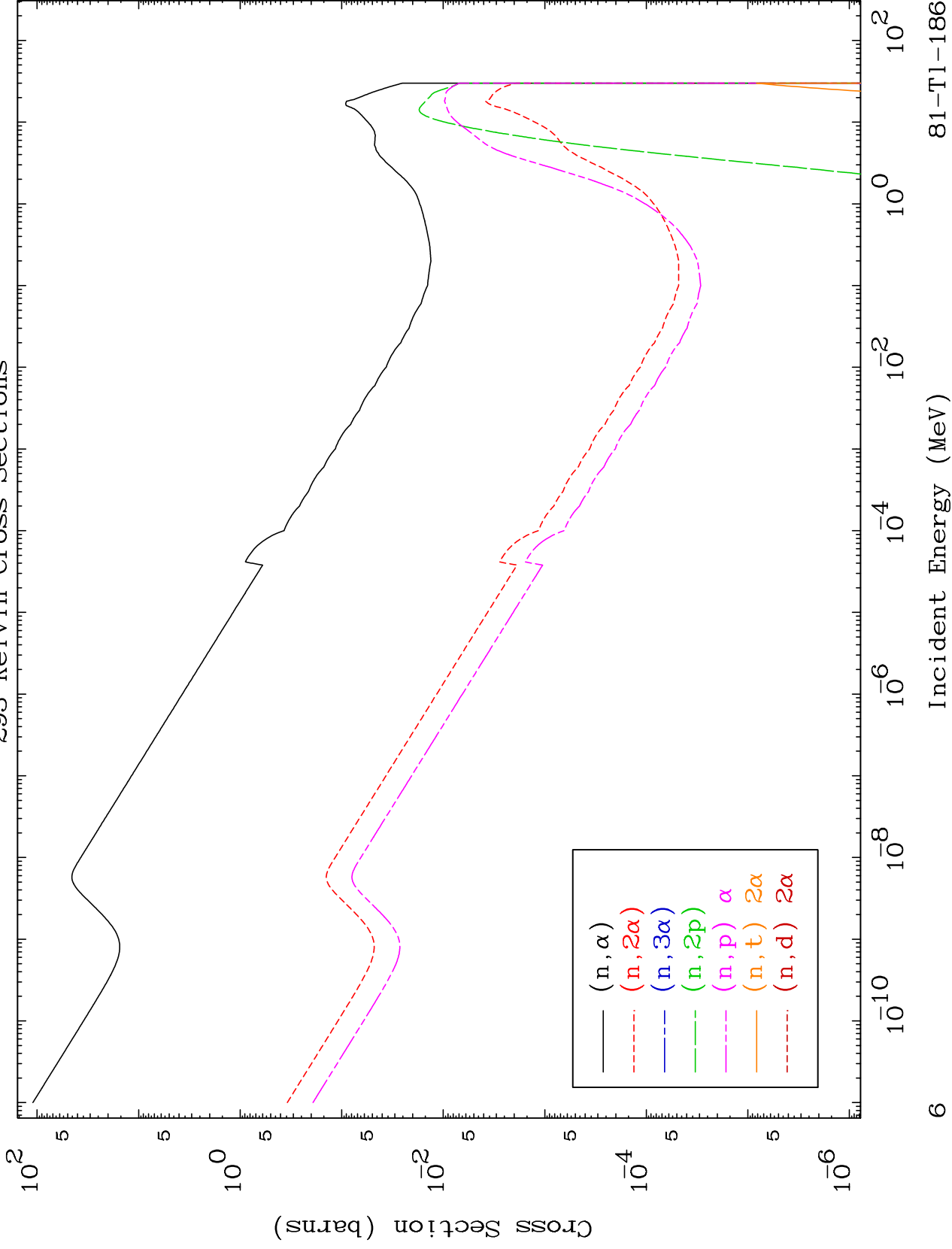
81-Tl-186



MAT 8074

Charged Particle  
293 Kelvin Cross Sections

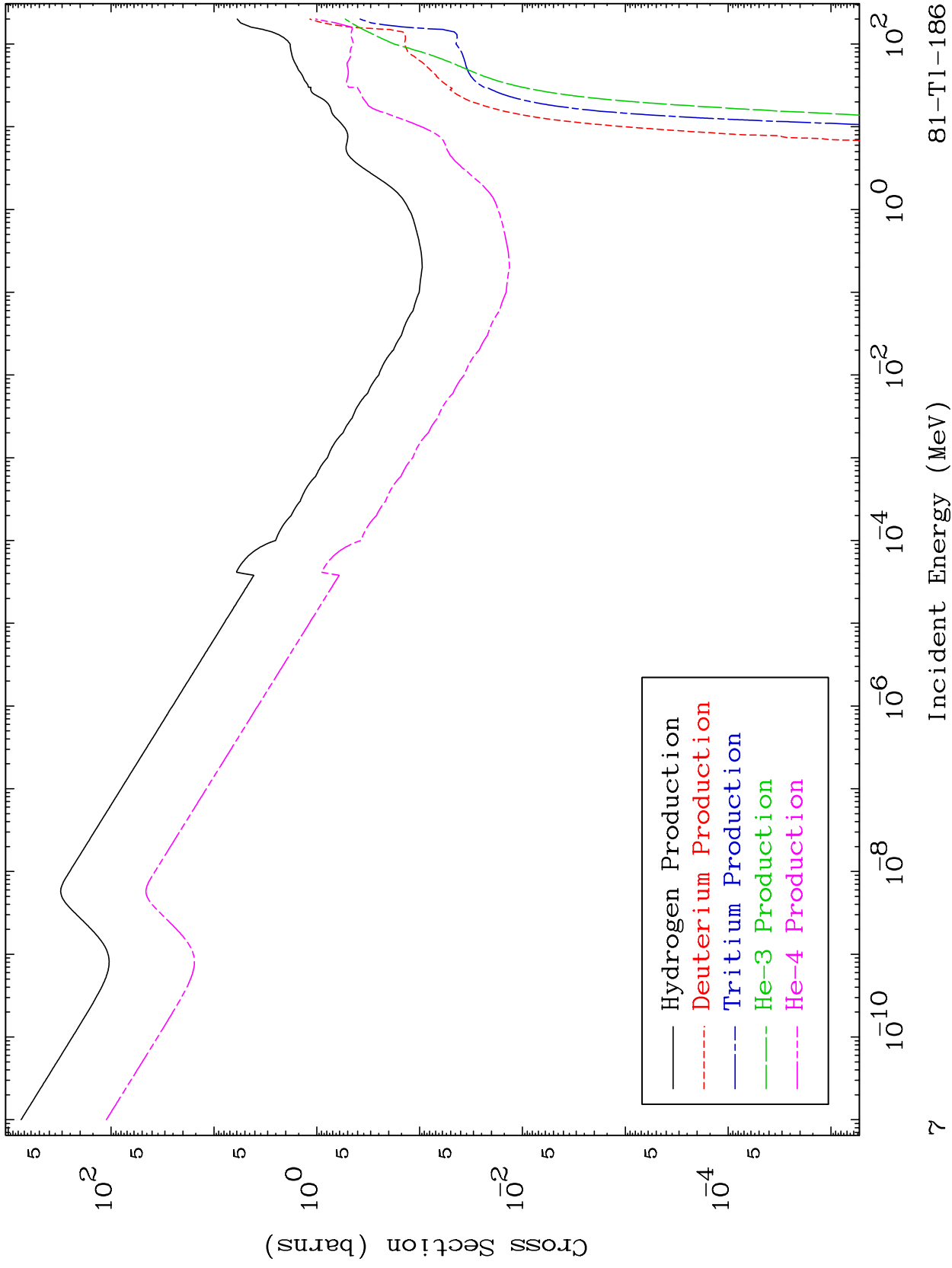
81-Tl-186



MAT 8074

Particle Production  
293 Kelvin Cross Sections

81-Tl-186

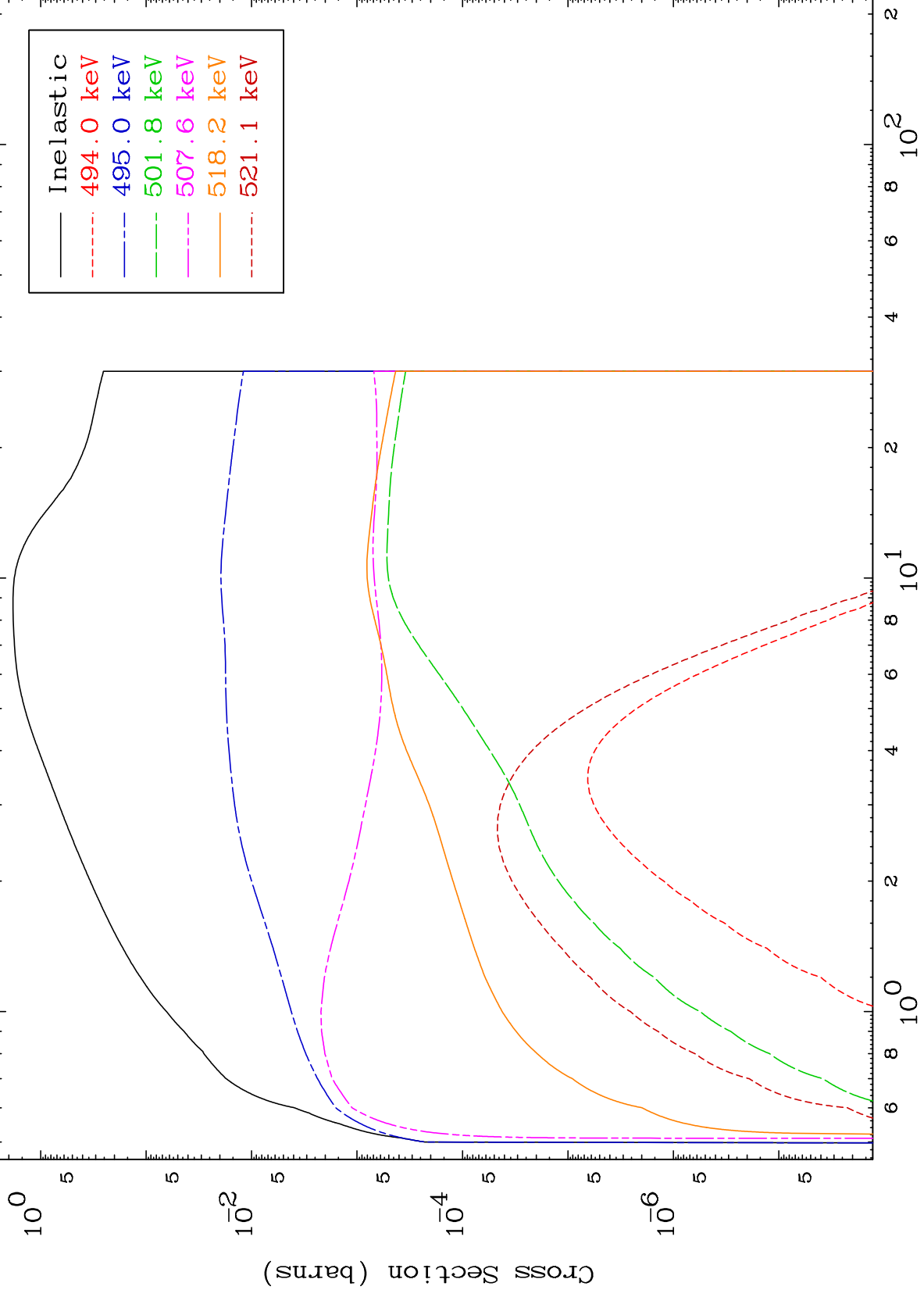




MAT 8074

(n,n') Level  
293 Kelvin Cross Sections

81-Tl-186



8

Incident Energy (MeV)

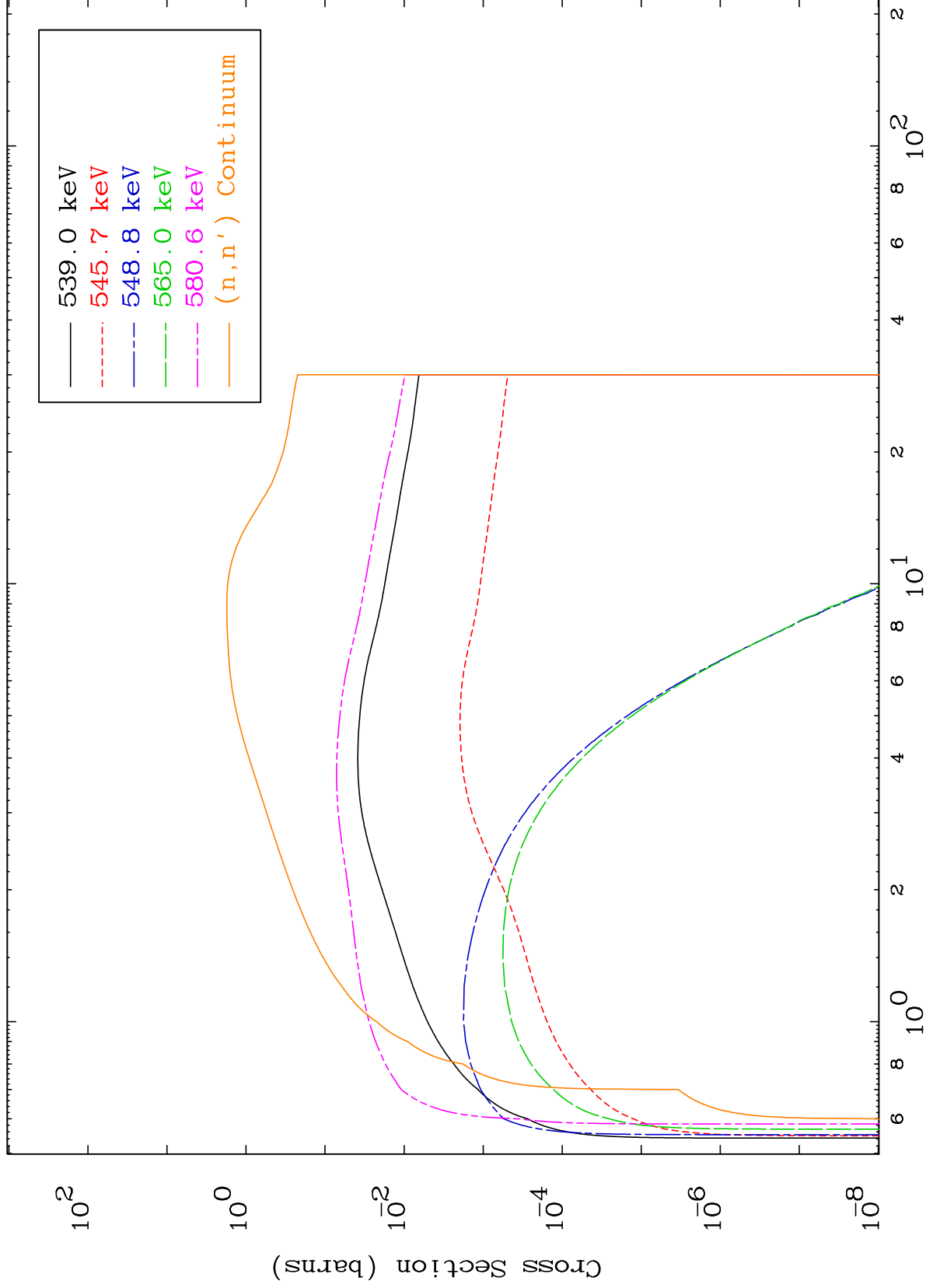
81-Tl-186

MAT 8074

(n,n') Level

81-Tl-186

293 Kelvin Cross Sections



9

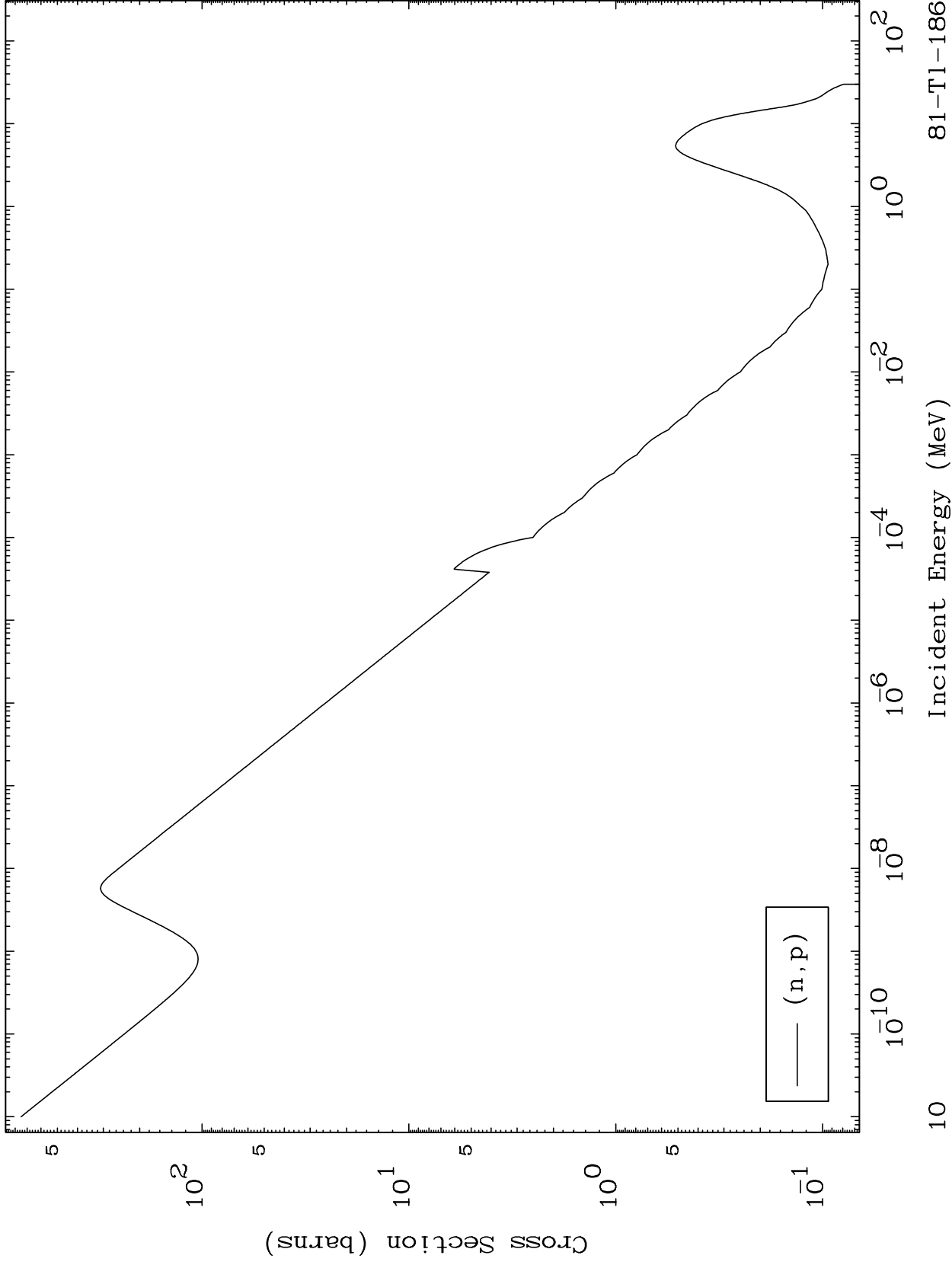
Incident Energy (MeV)

81-Tl-186

MAT 8074

(n,p) Levels  
293 Kelvin Cross Sections

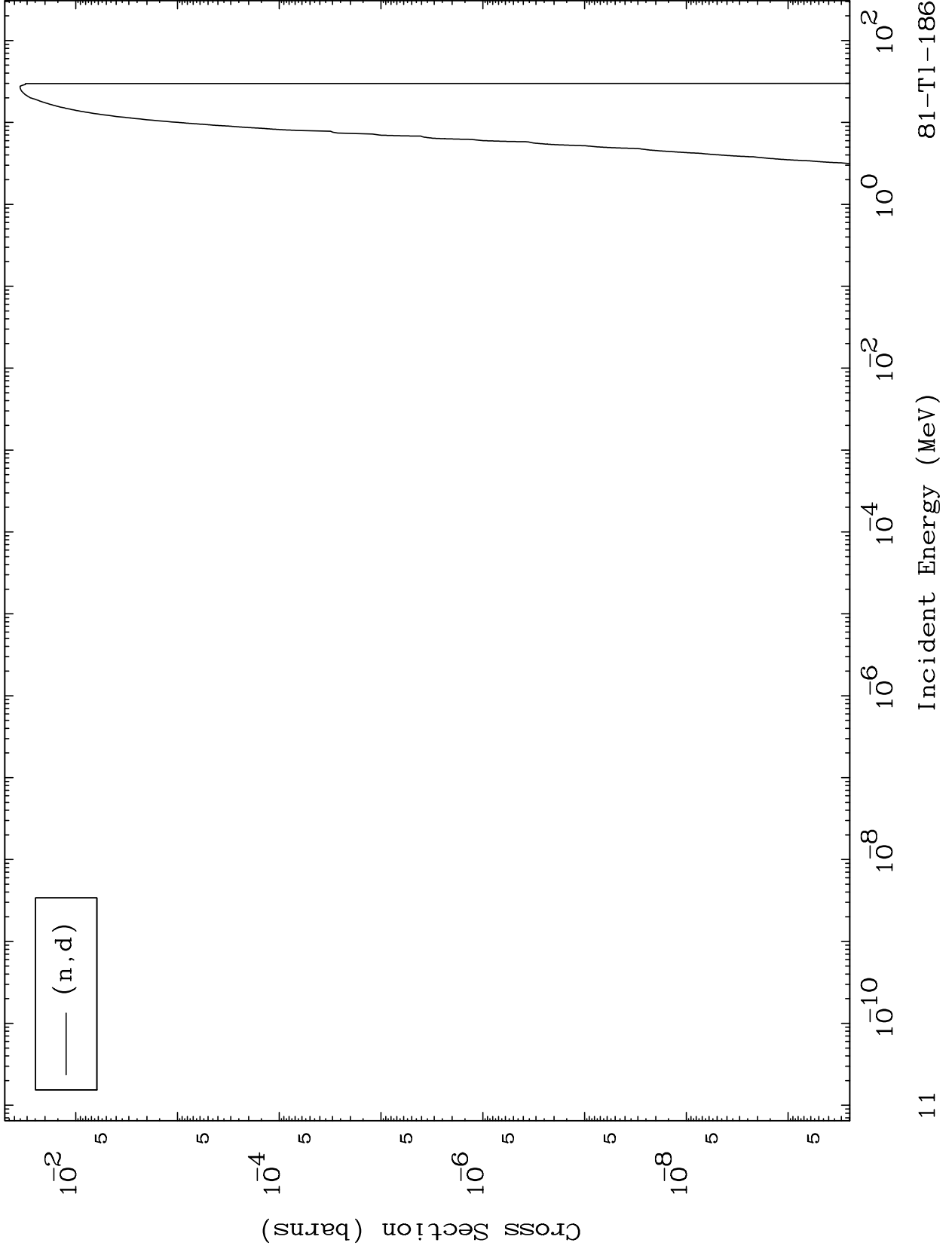
81-Tl-186



MAT 8074

(n,d) Levels  
293 Kelvin Cross Sections

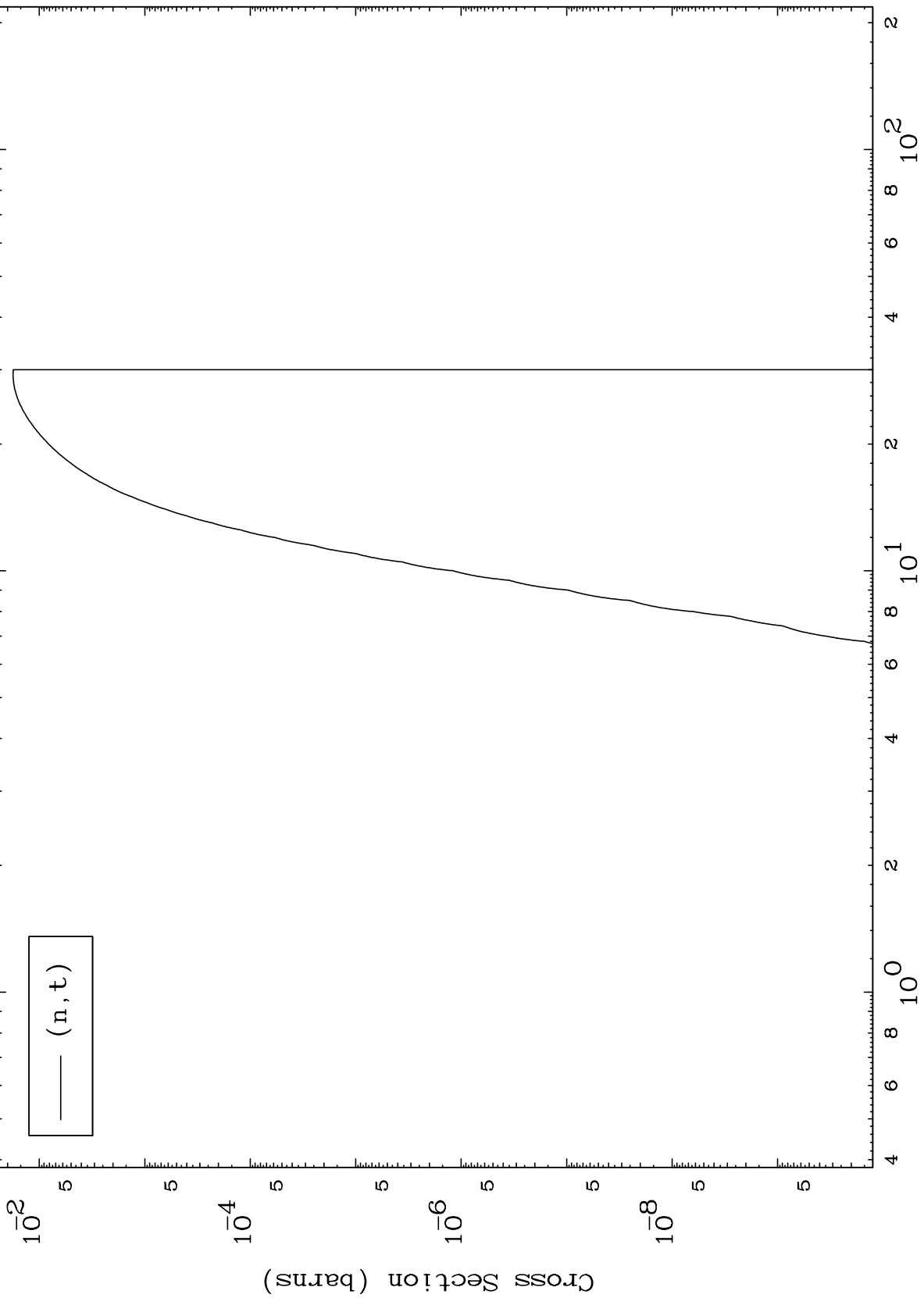
81-Tl-186



MAT 8074

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-186



(n,t)

12

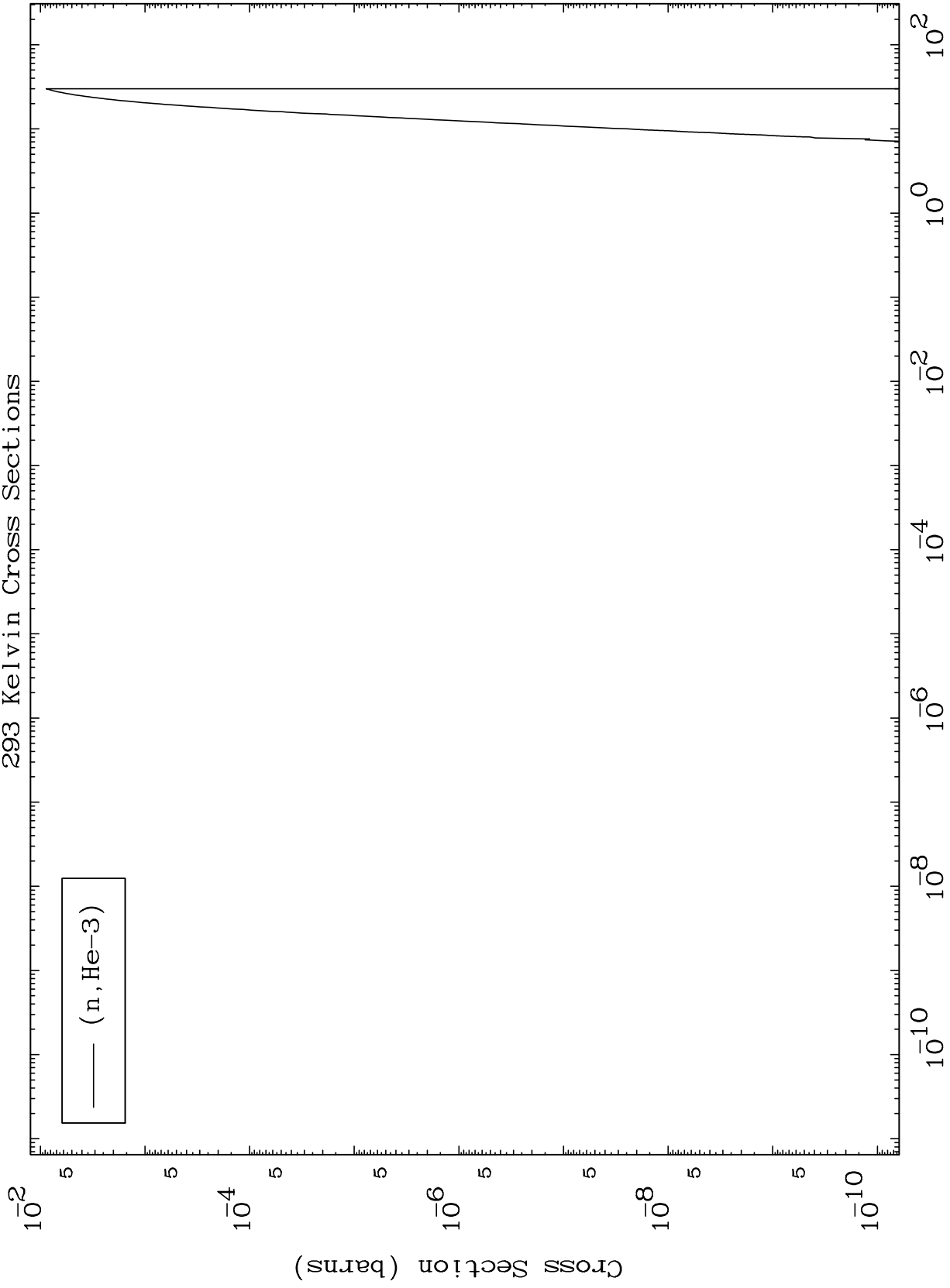
Incident Energy (MeV)

81-Tl-186

MAT 8074

(n,He3) Levels  
293 Kelvin Cross Sections

81-Tl-186



13

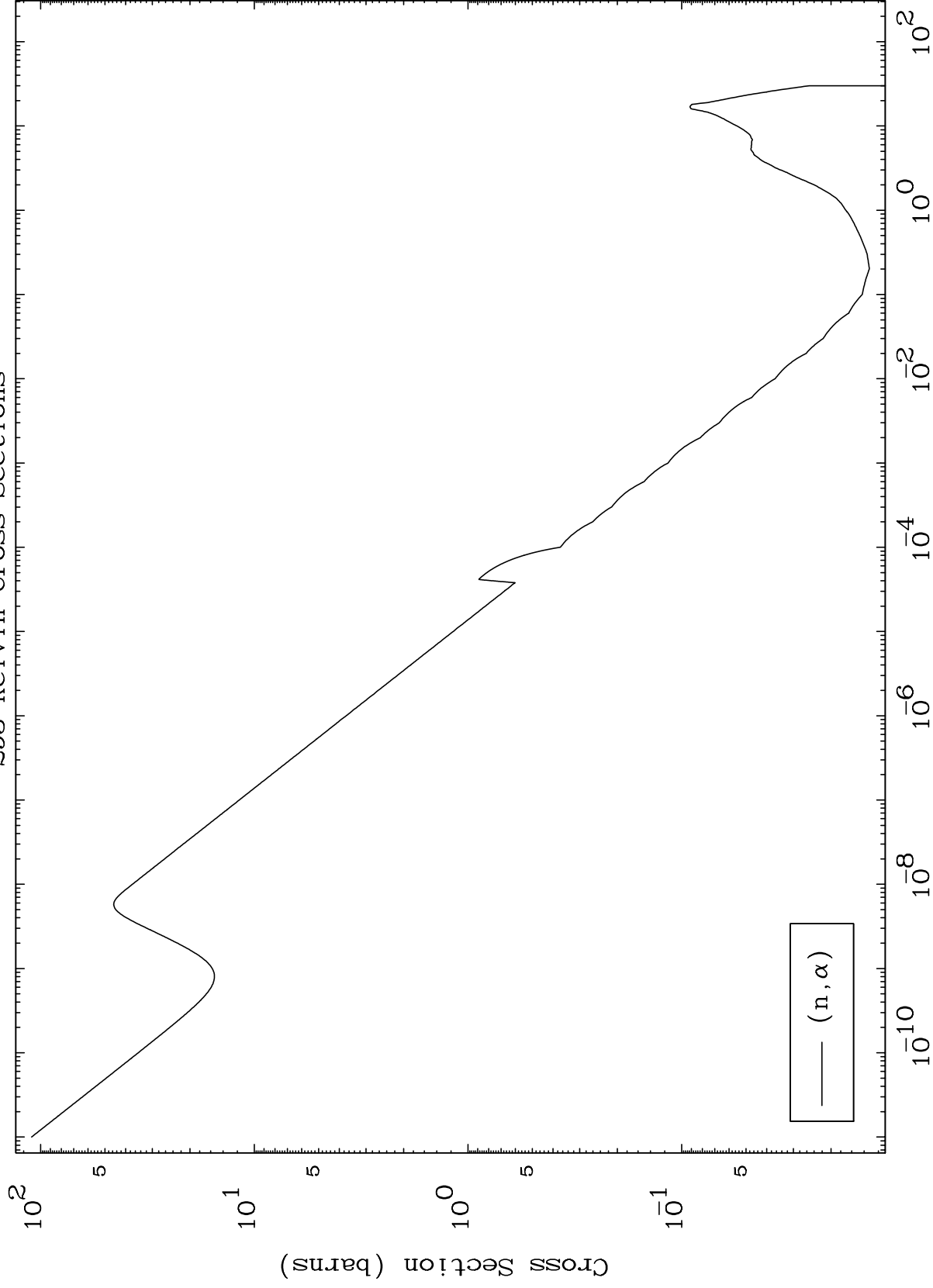
Incident Energy (MeV)

81-Tl-186

MAT 8074

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

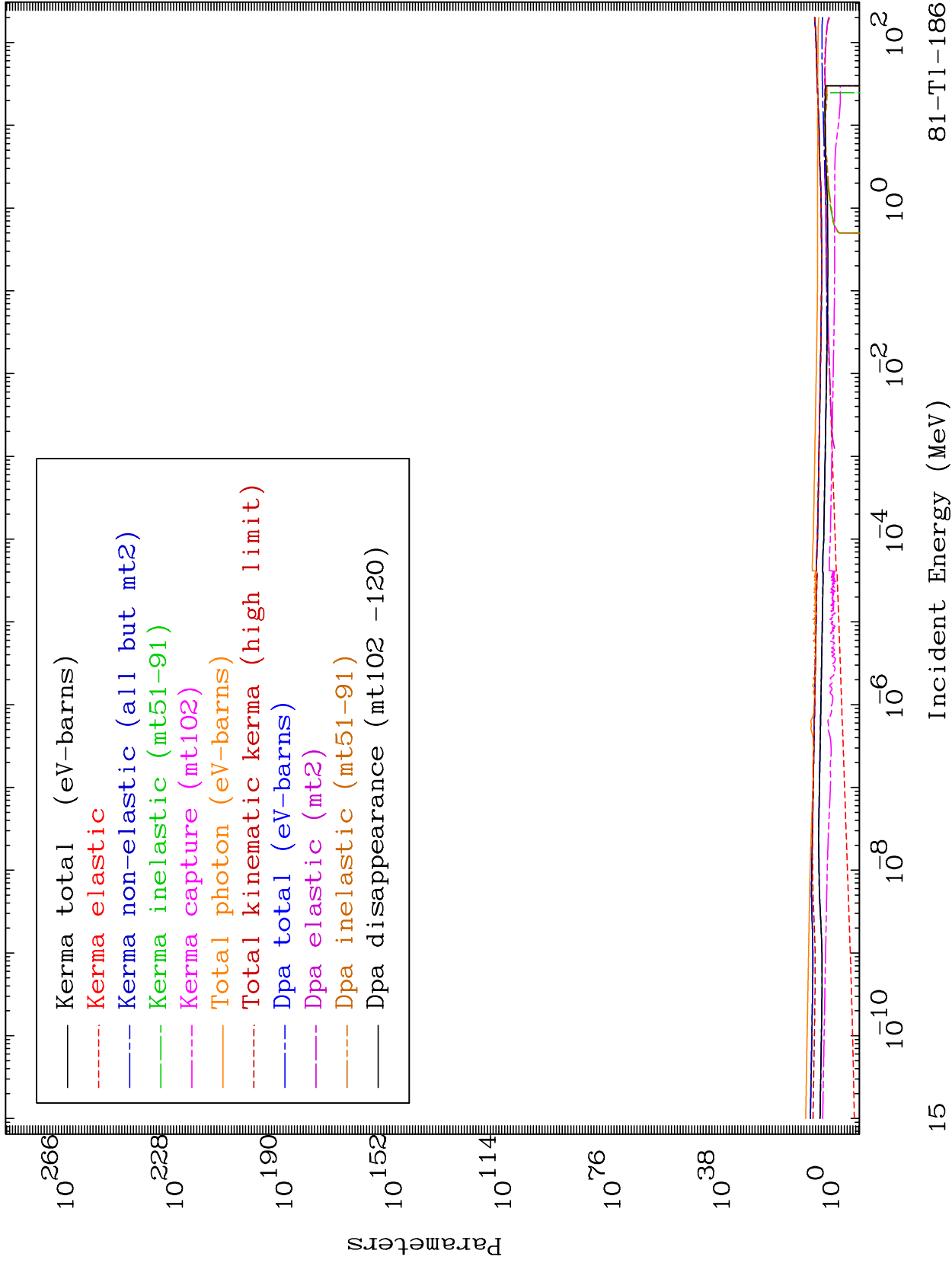
81-Tl-186



14

Incident Energy (MeV)

81-Tl-186

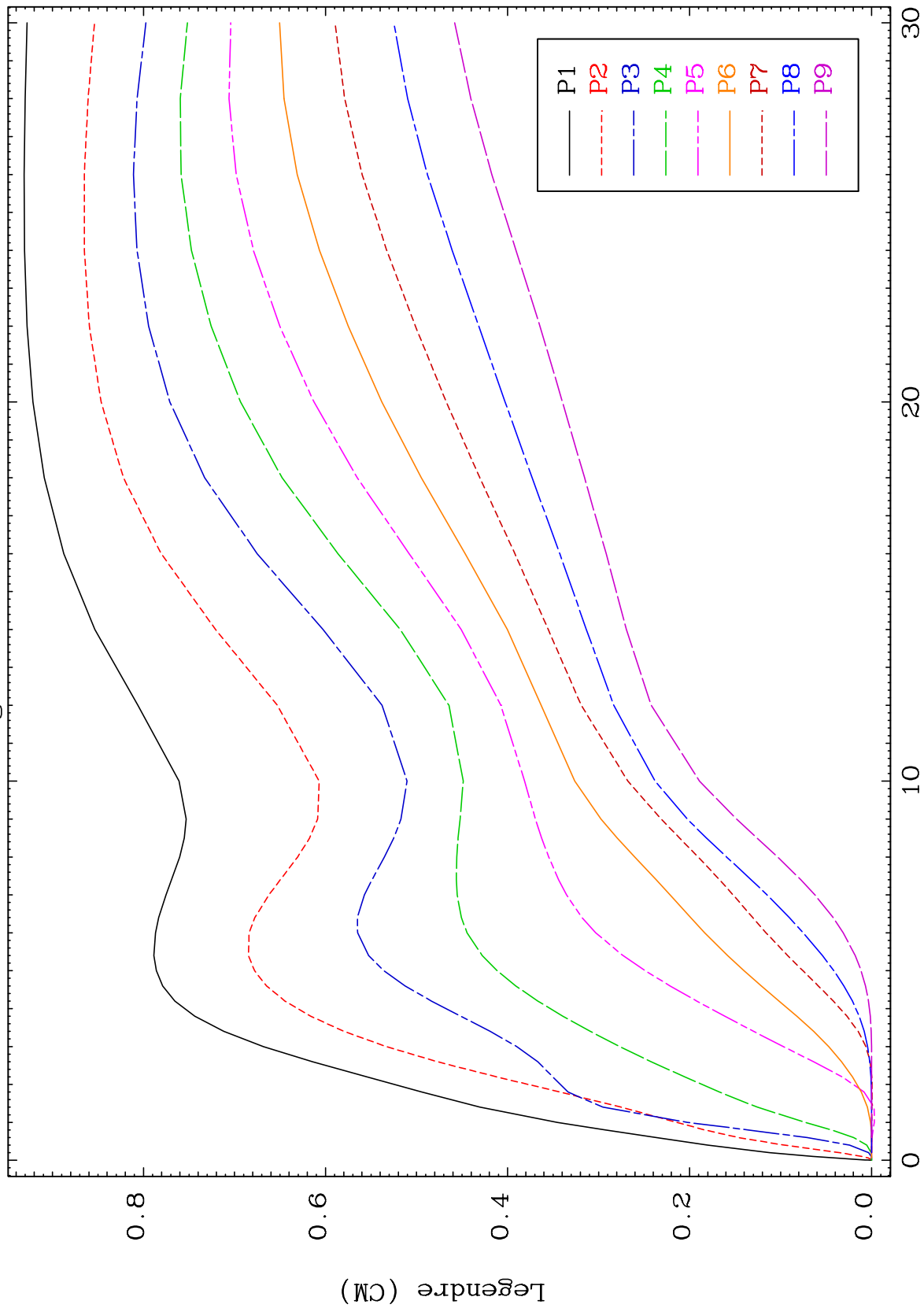




MAT 8074

Elastic Legendre Coefficients

81-Tl-186



16

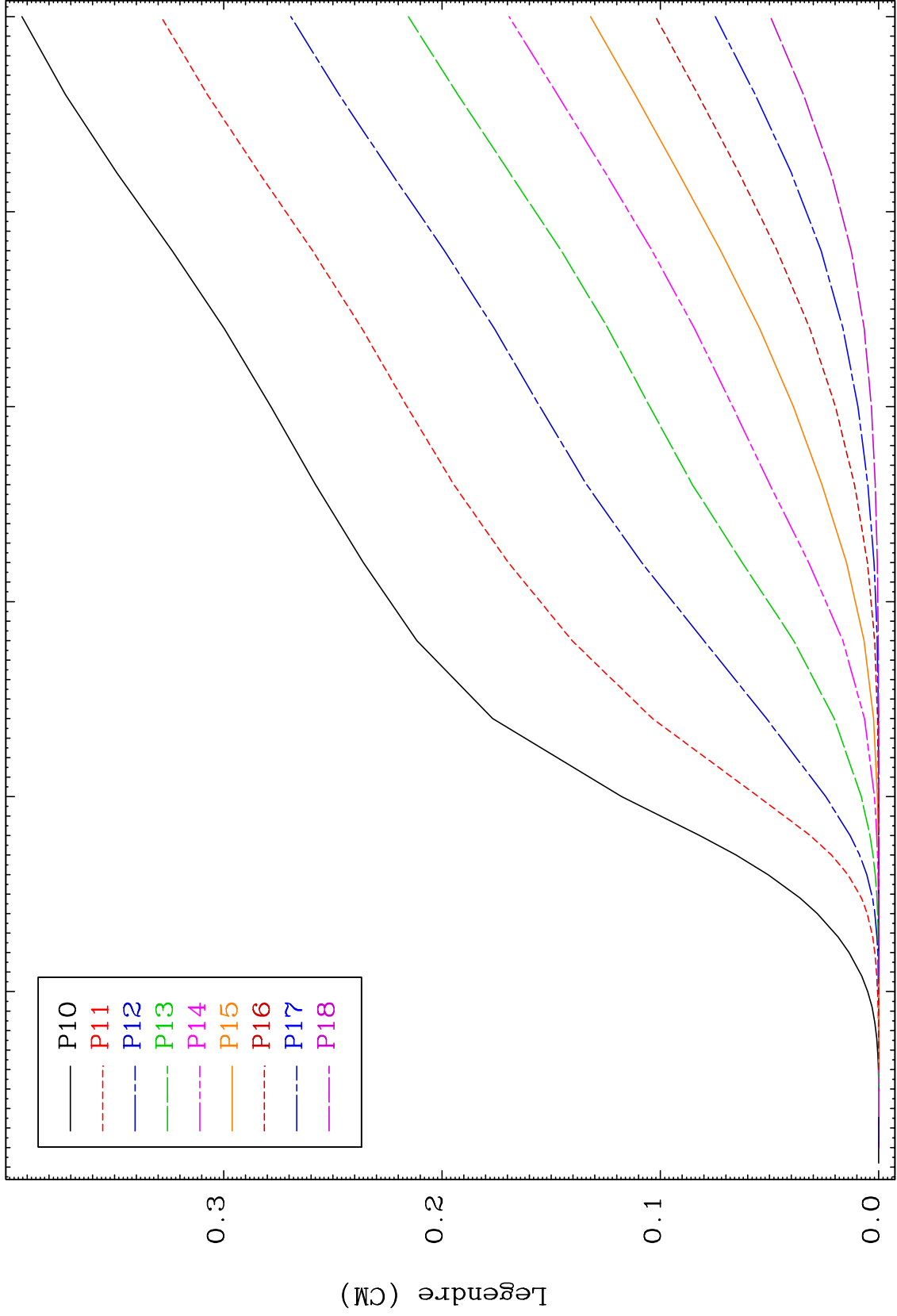
Incident Energy (MeV)

81-Tl-186

MAT 8074

Elastic Legendre Coefficients

81-Tl-186



17

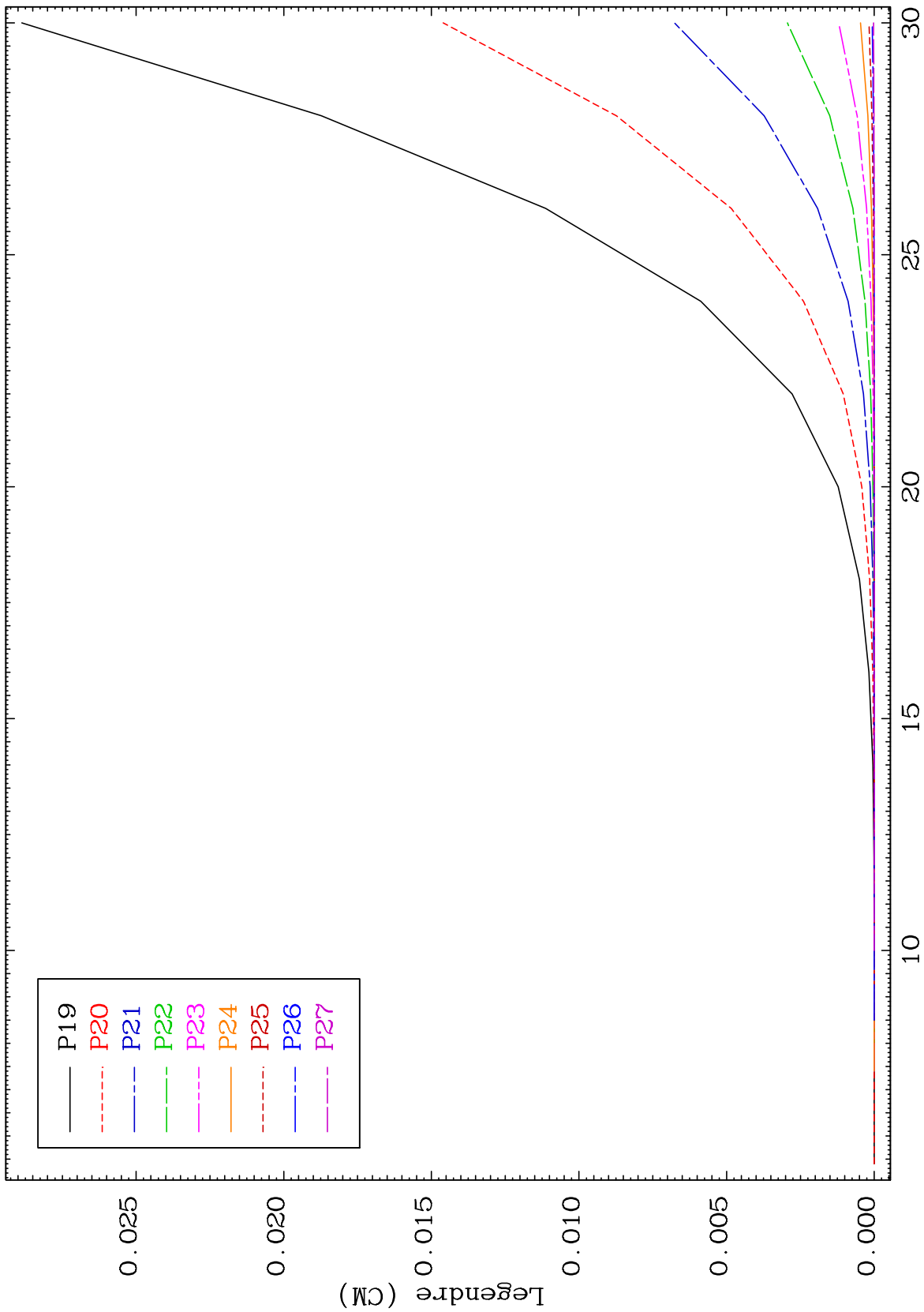
Incident Energy (MeV)

81-Tl-186

MAT 8074

Elastic Legendre Coefficients

81-Tl-186



18

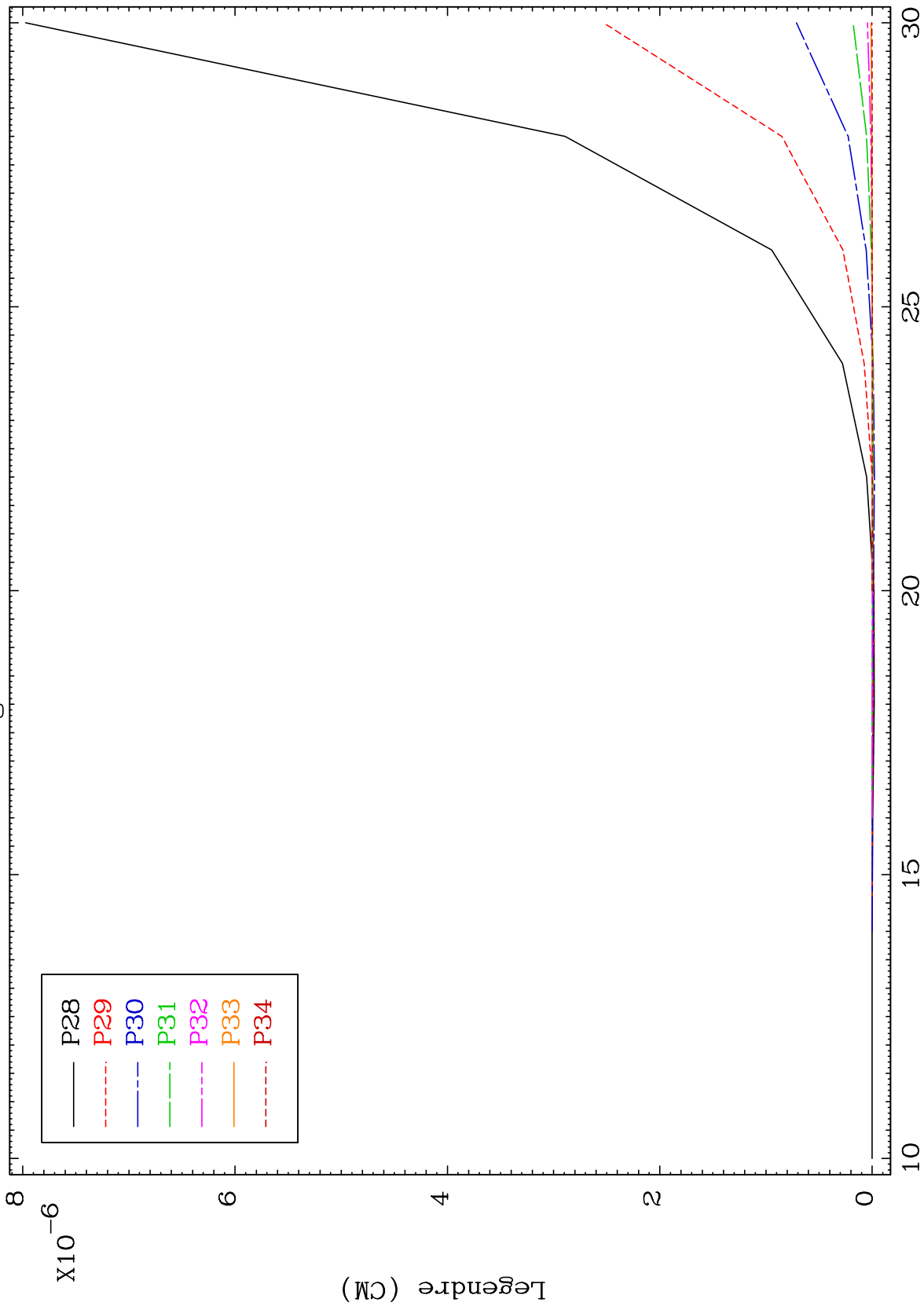
Incident Energy (MeV)

81-Tl-186

MAT 8074

Elastic  
Legendre Coefficients

81-T1-186



19

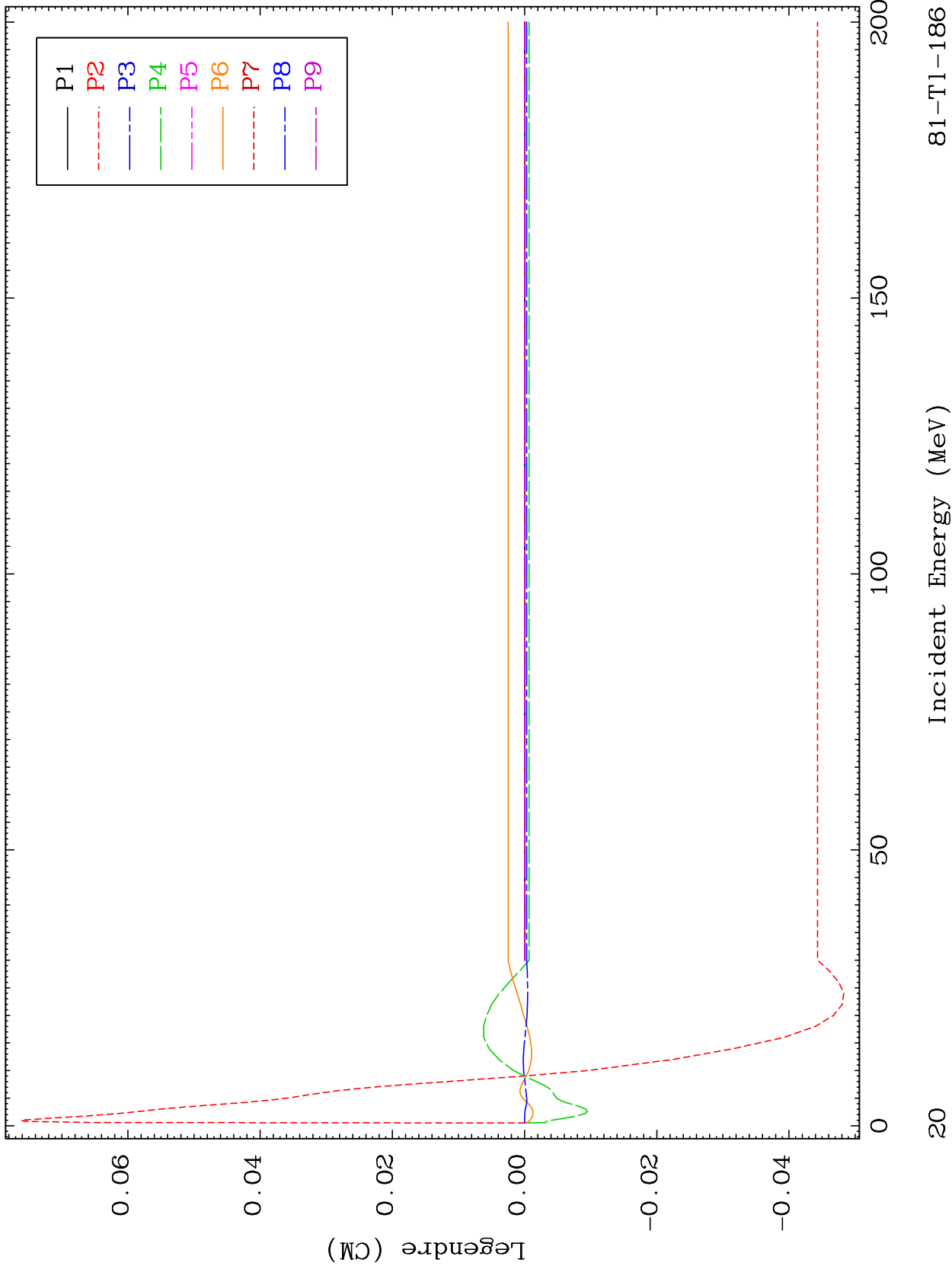
Incident Energy (MeV)

81-T1-186

MAT 8074

494.0 keV (n,n') Level  
Legendre Coefficients

81-Tl-186

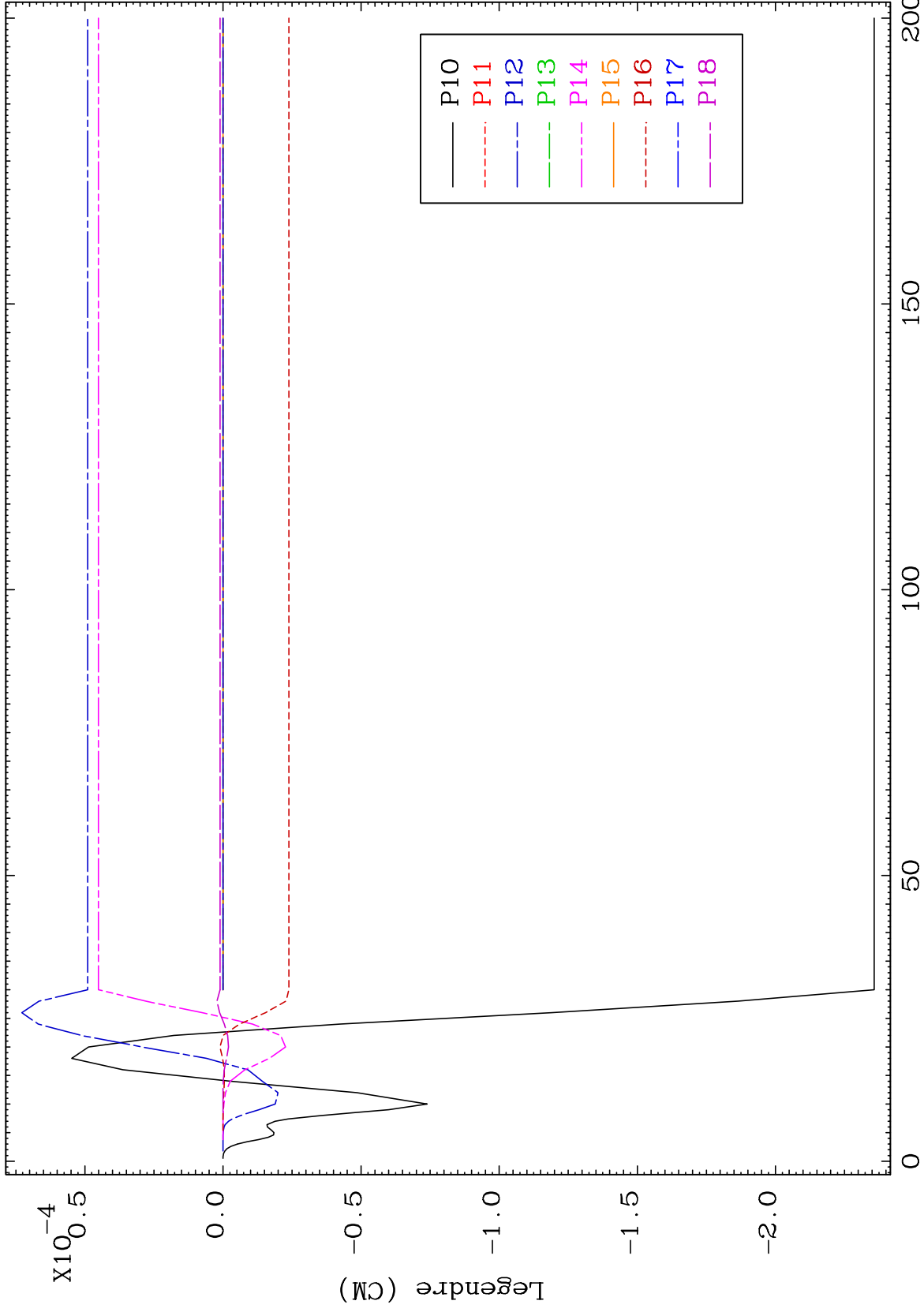


81-Tl-186

MAT 8074

494.0 keV (n,n') Level  
Legendre Coefficients

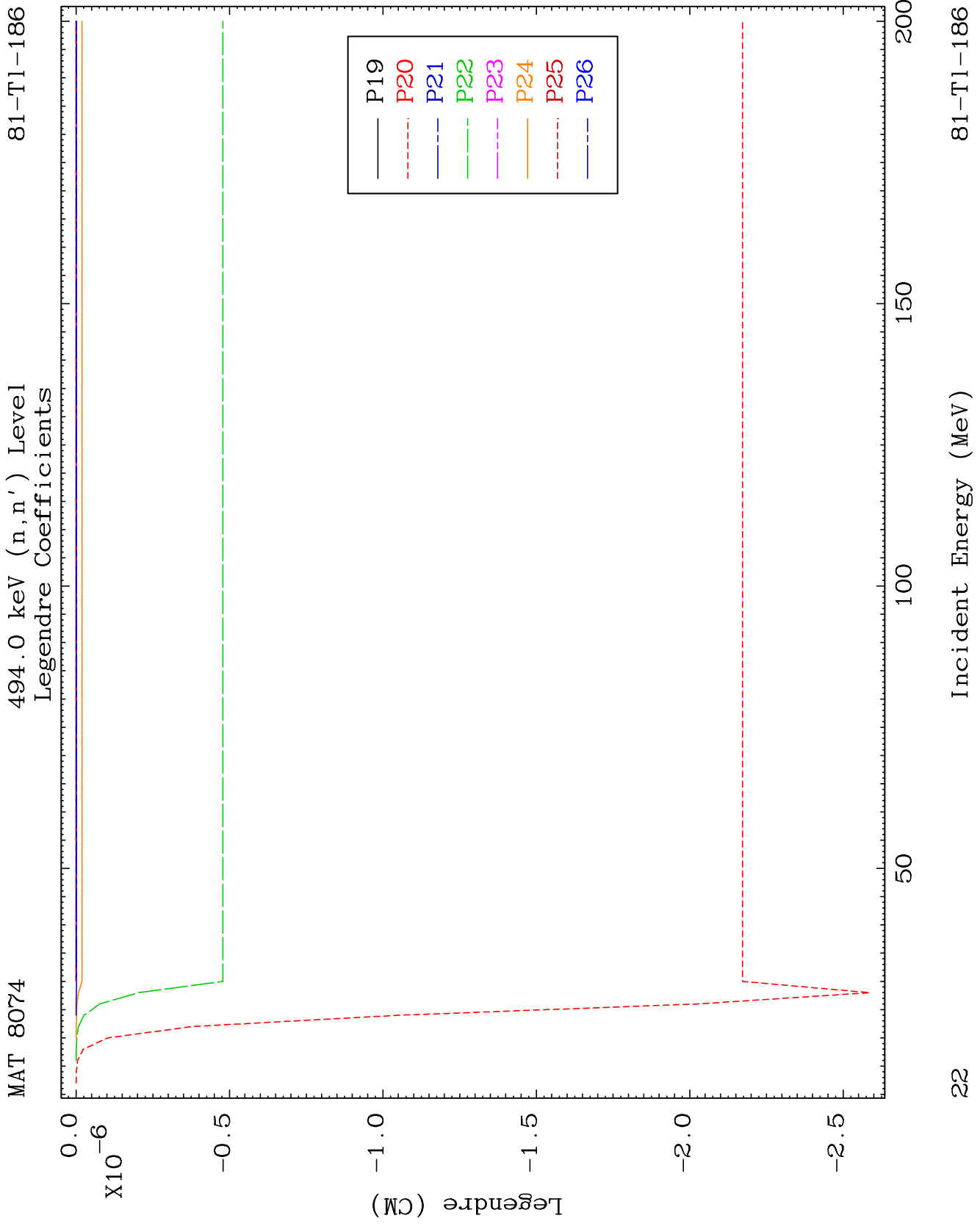
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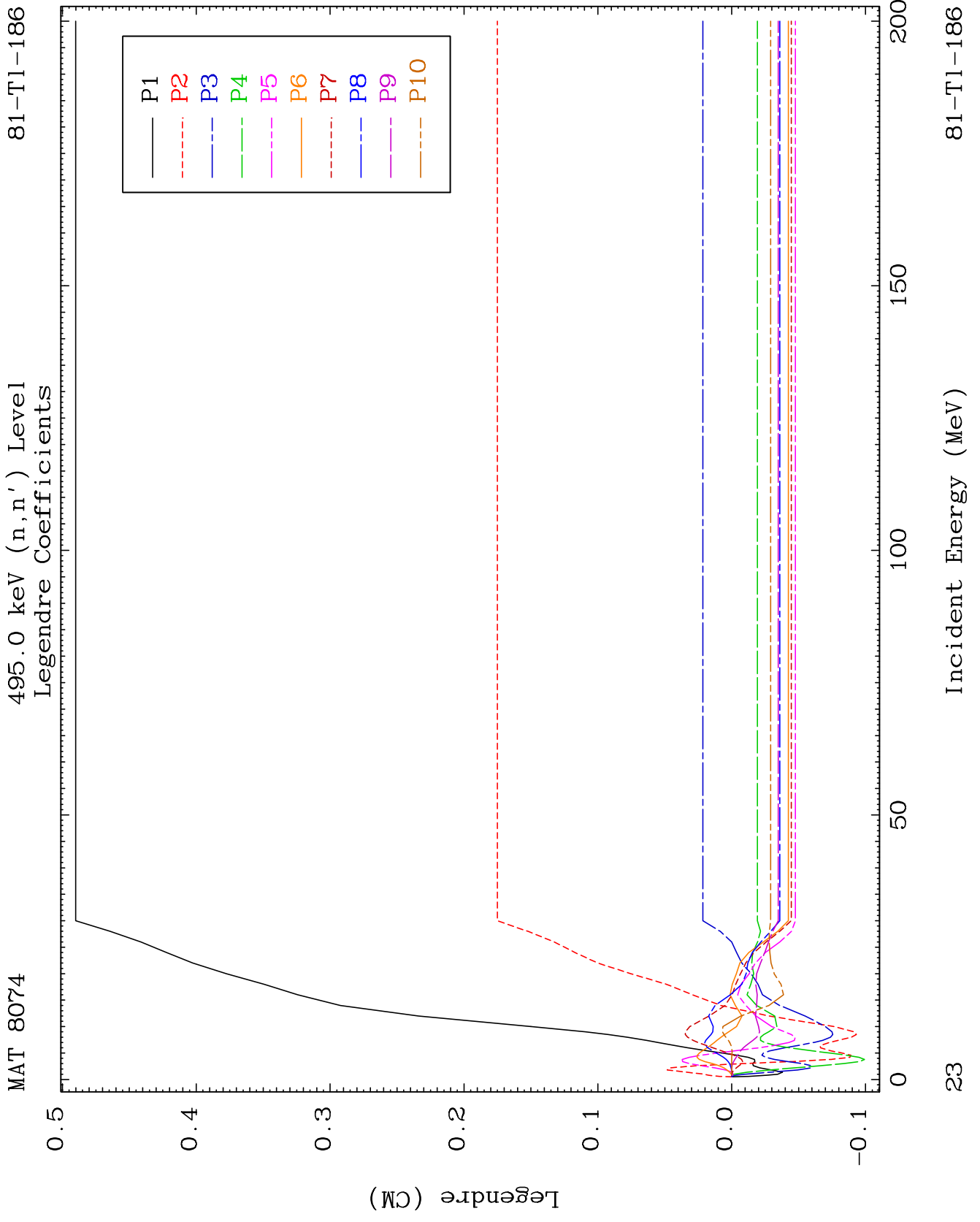


21

Incident Energy (MeV)

81-Tl-186



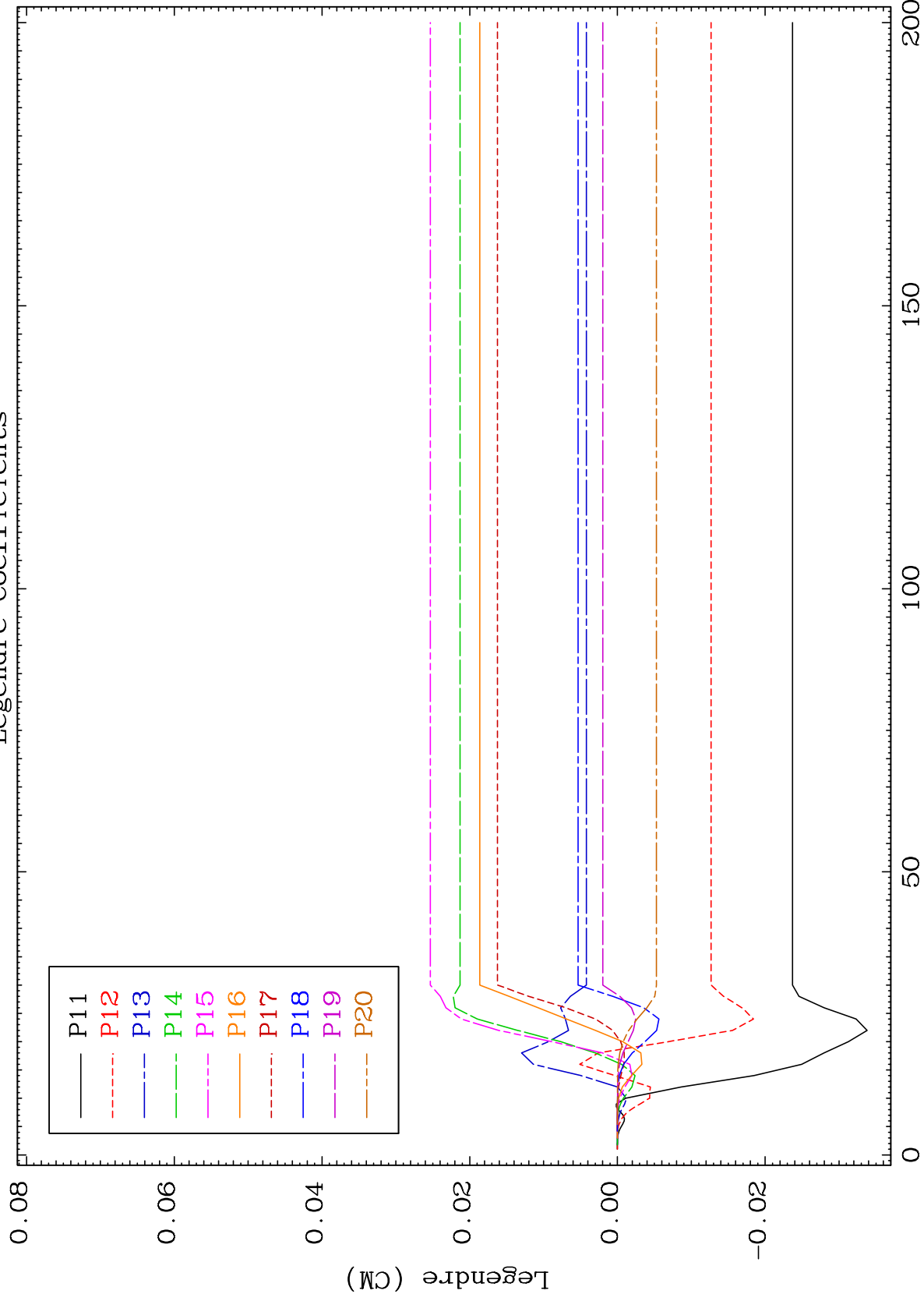




MAT 8074

495.0 keV (n,n') Level  
Legendre Coefficients

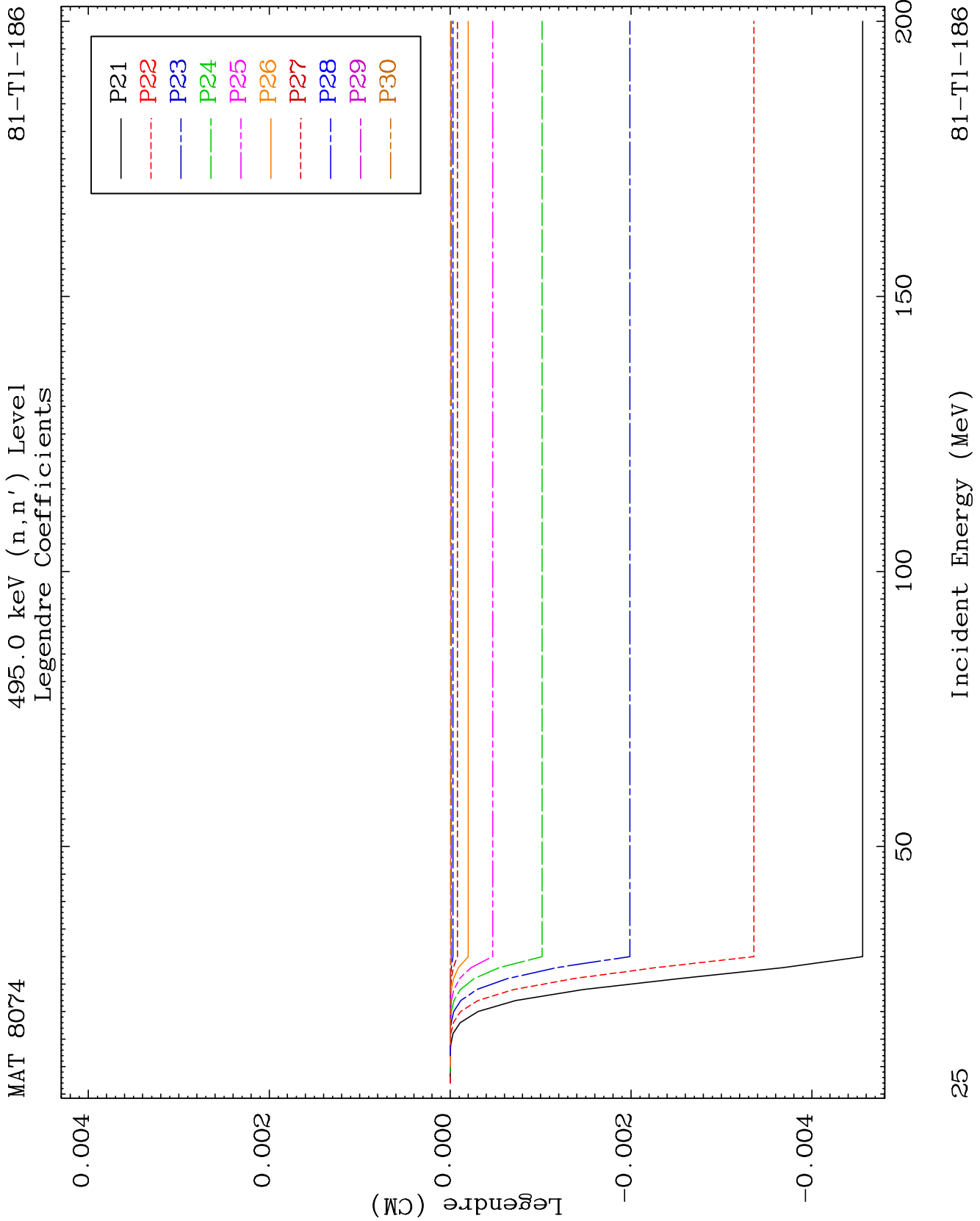
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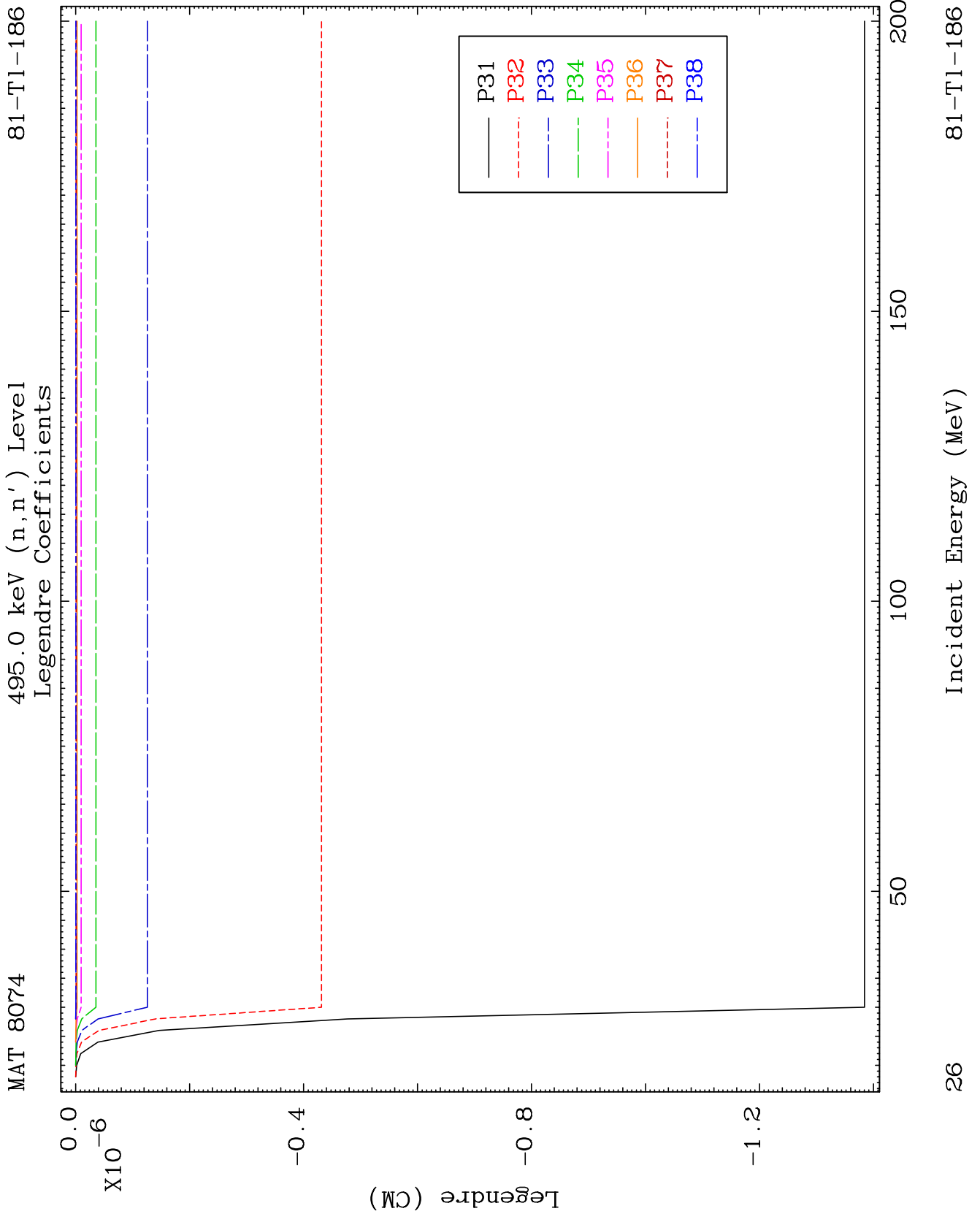


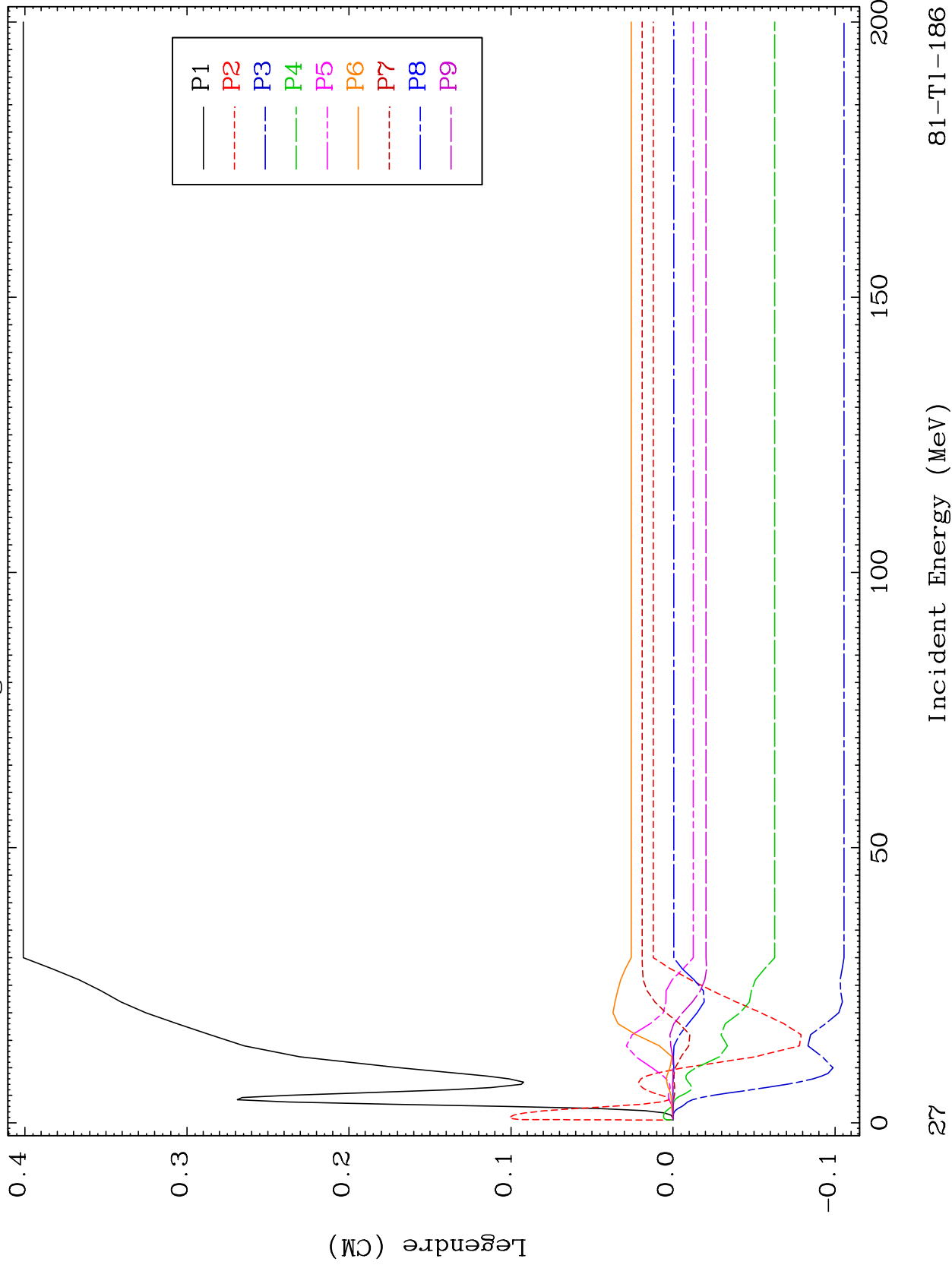
24

Incident Energy (MeV)

81-Tl-186



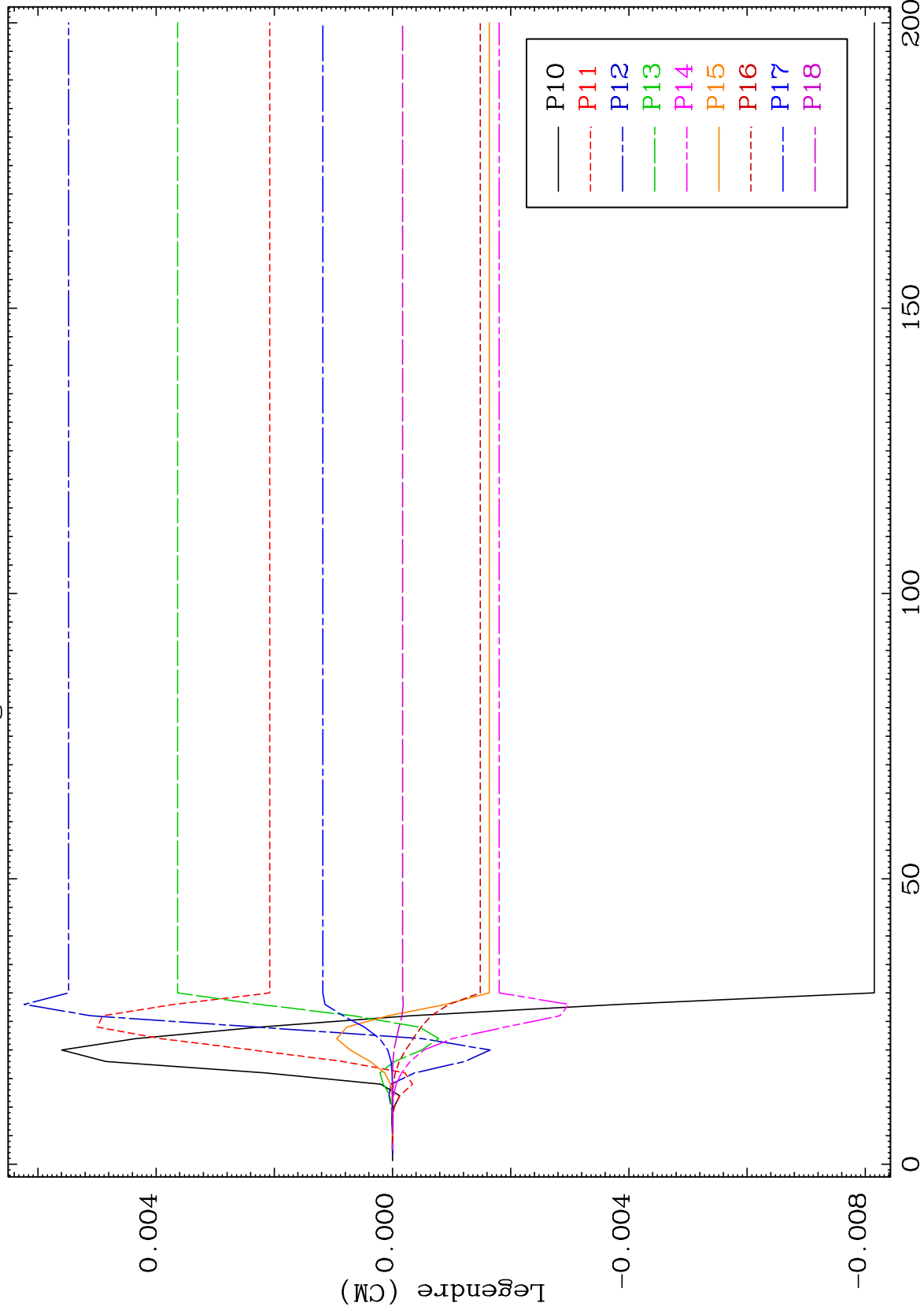




MAT 8074

501.8 keV (n,n') Level  
Legendre Coefficients

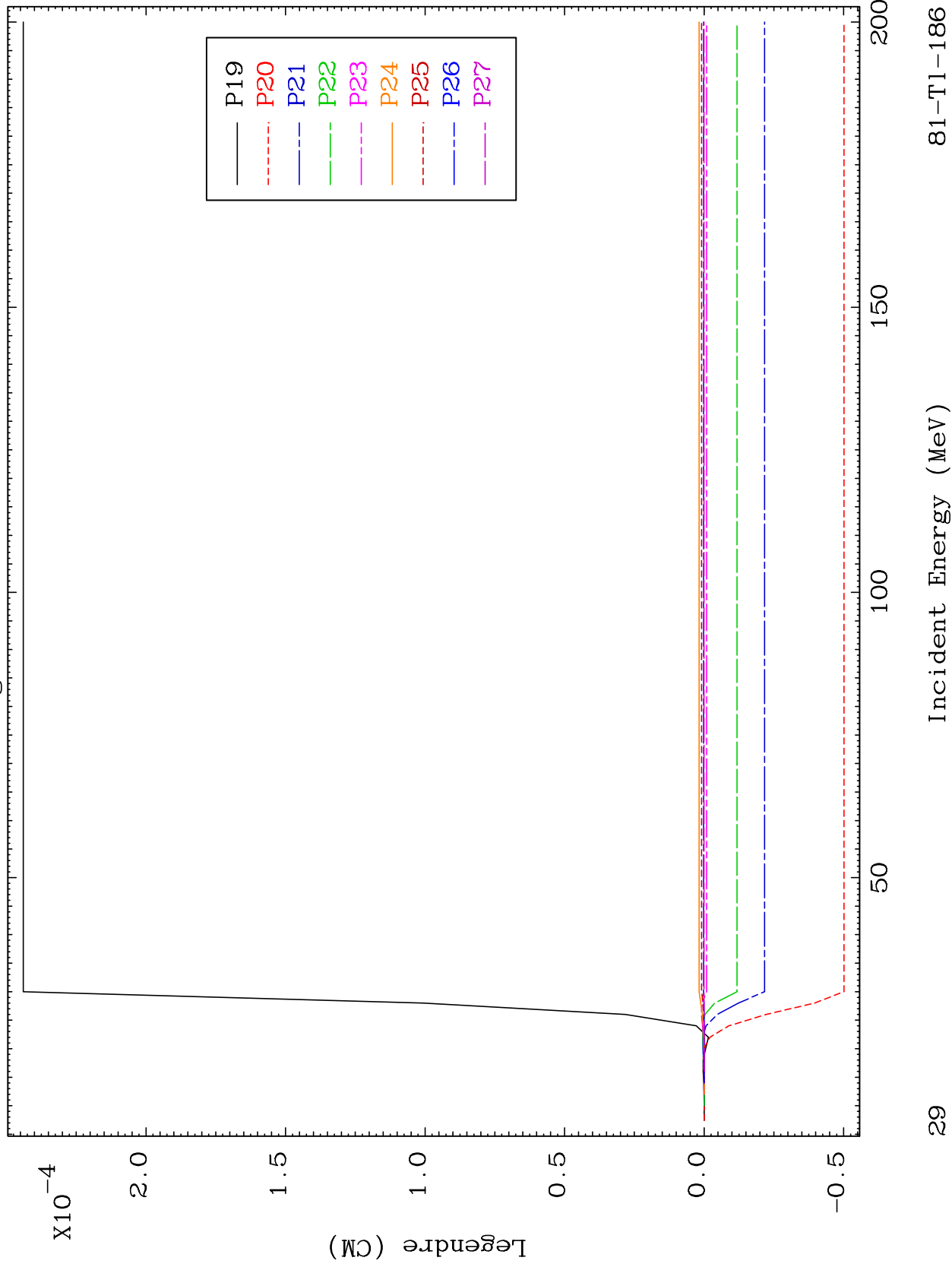
81-Tl-186

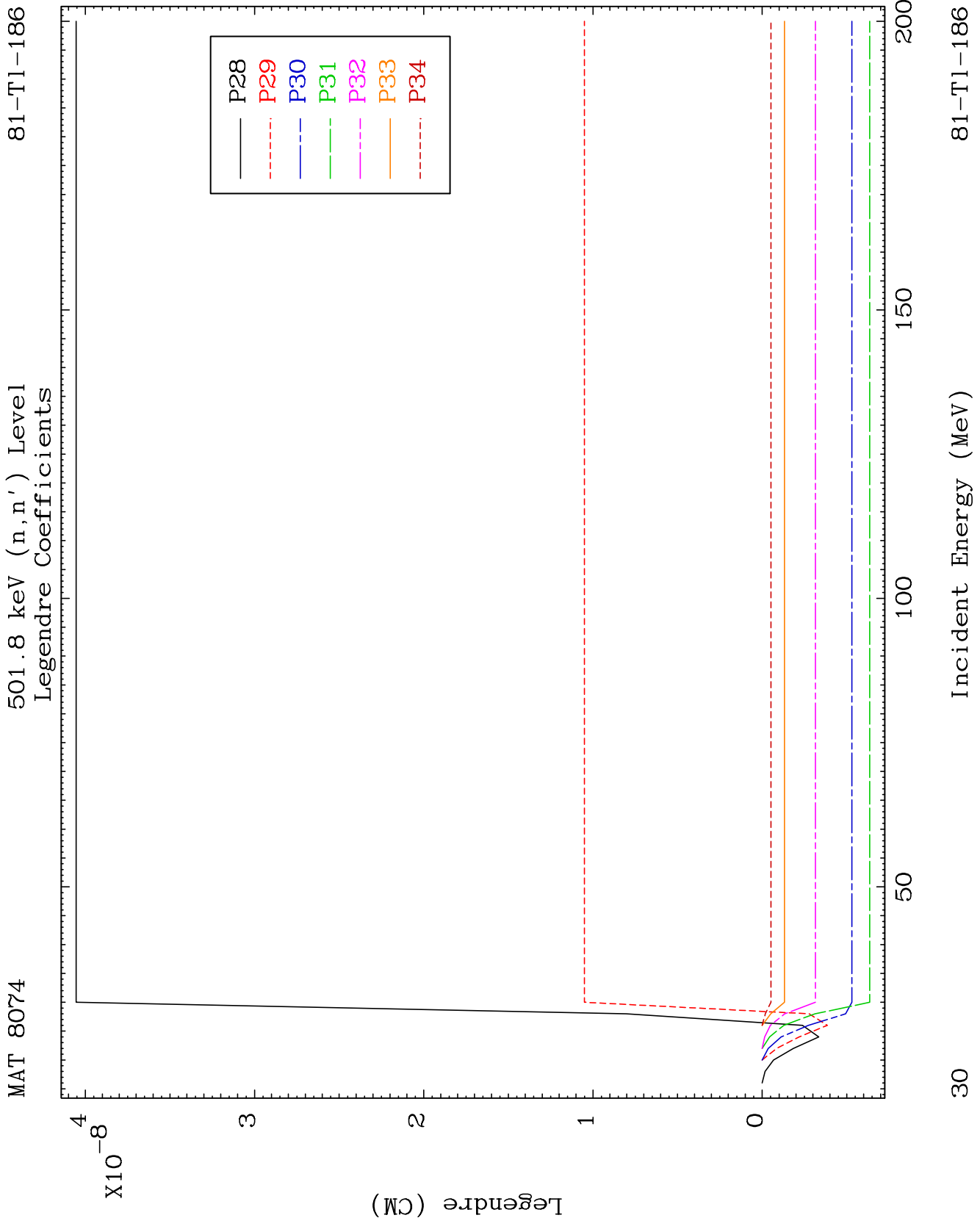


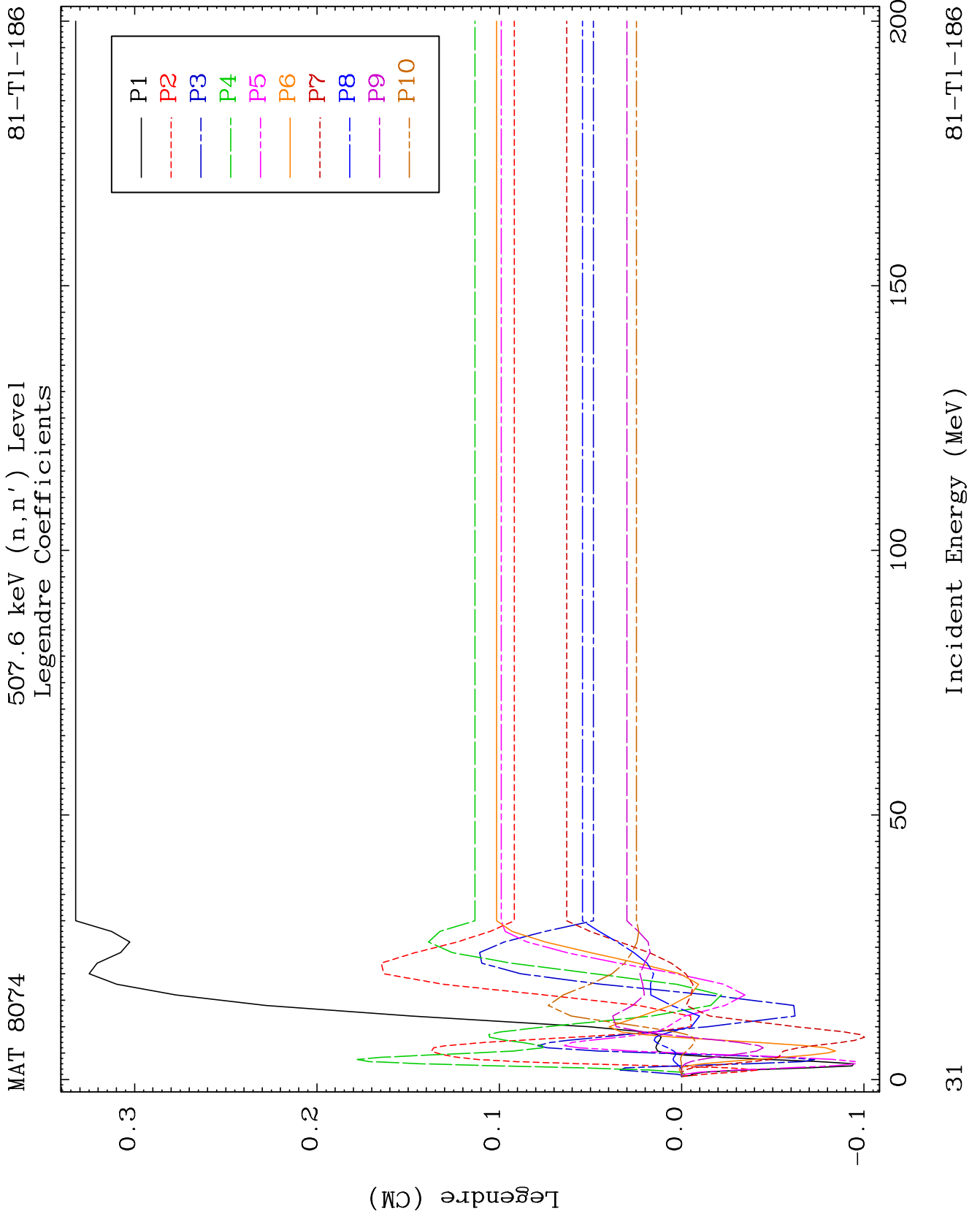
28

Incident Energy (MeV)

81-Tl-186





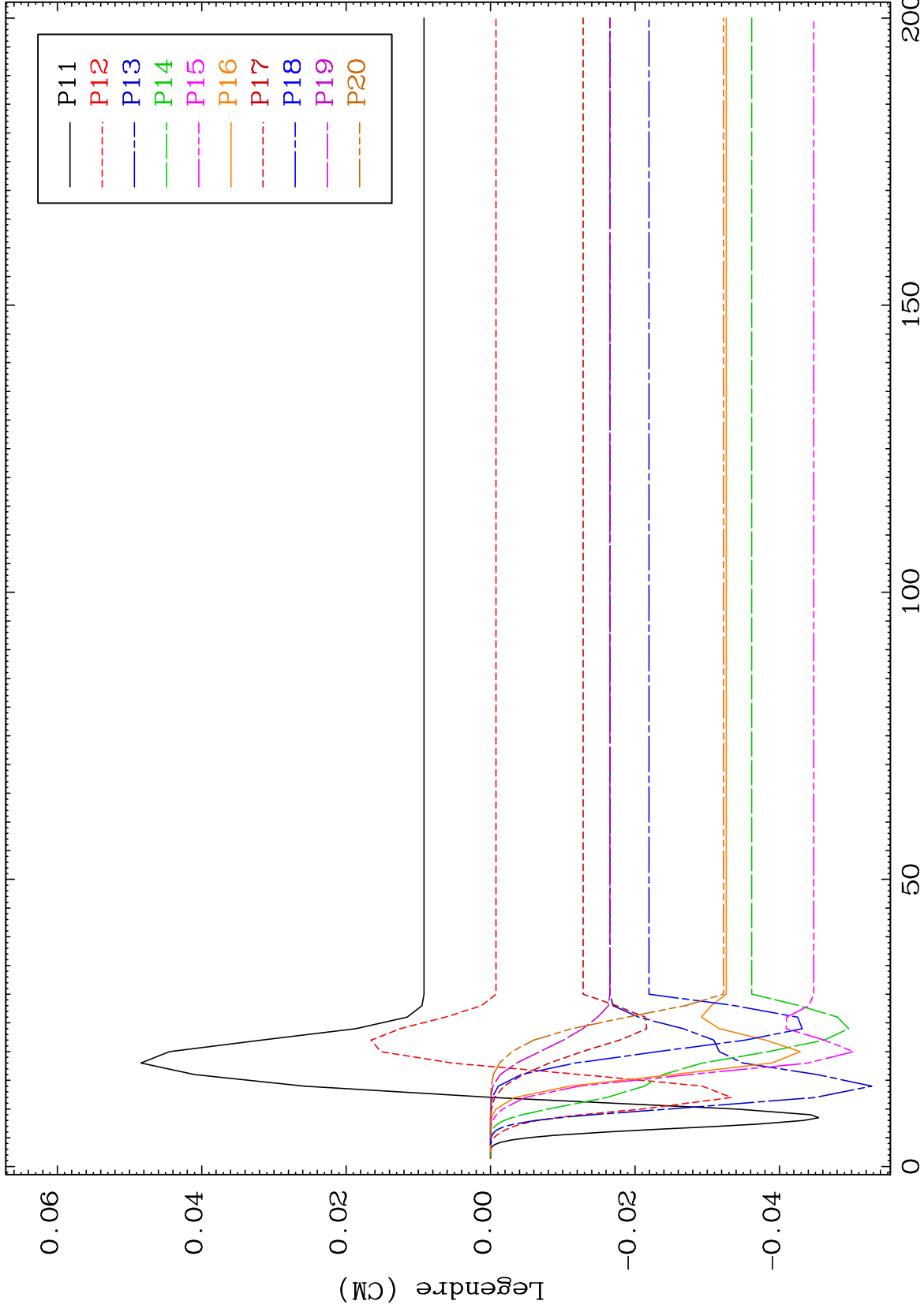




MAT 8074

507.6 keV (n,n') Level  
Legendre Coefficients

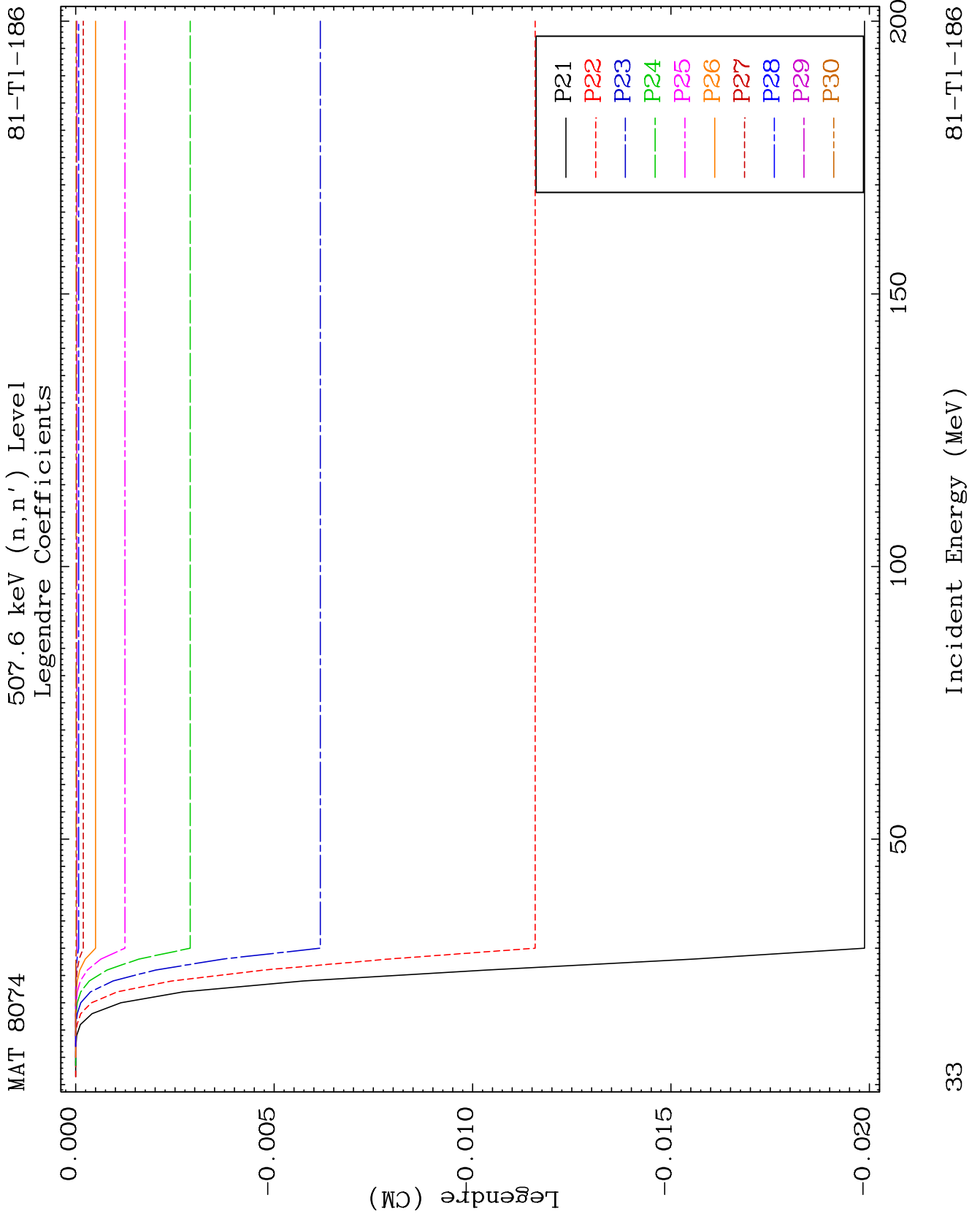
81-T1-186

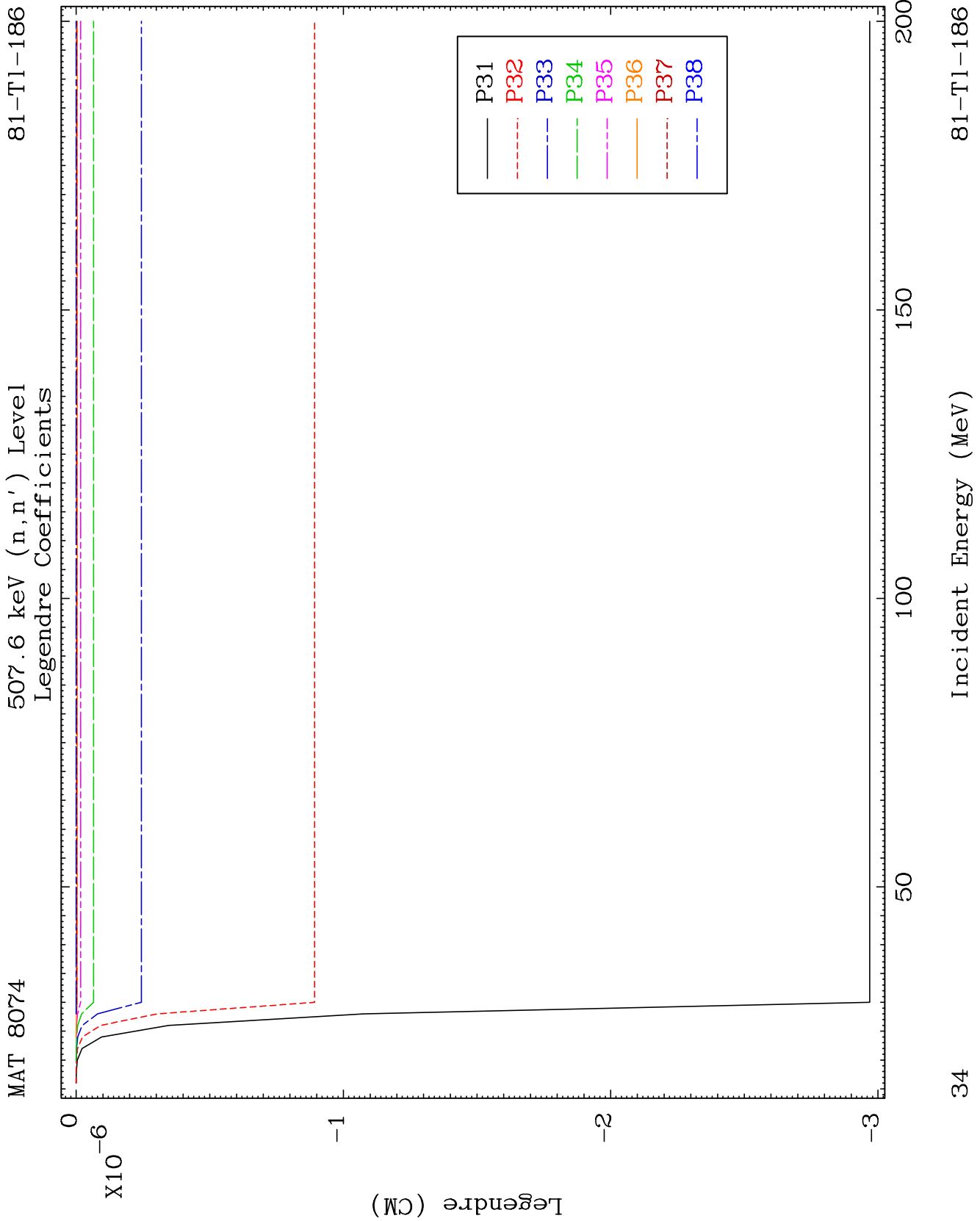


32

Incident Energy (MeV)

81-T1-186

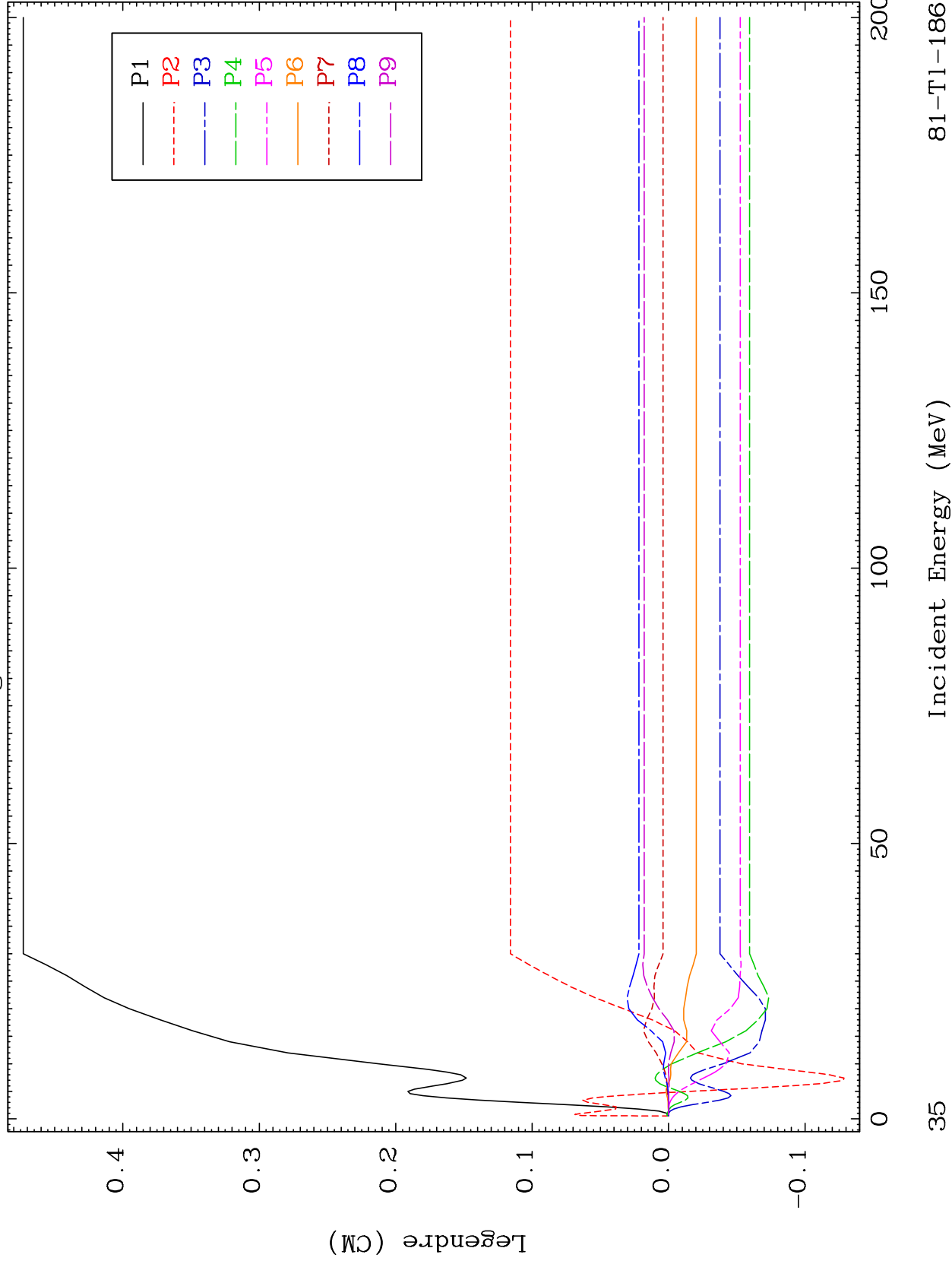




MAT 8074

518.2 keV (n,n') Level  
Legendre Coefficients

81-Tl-186



81-Tl-186

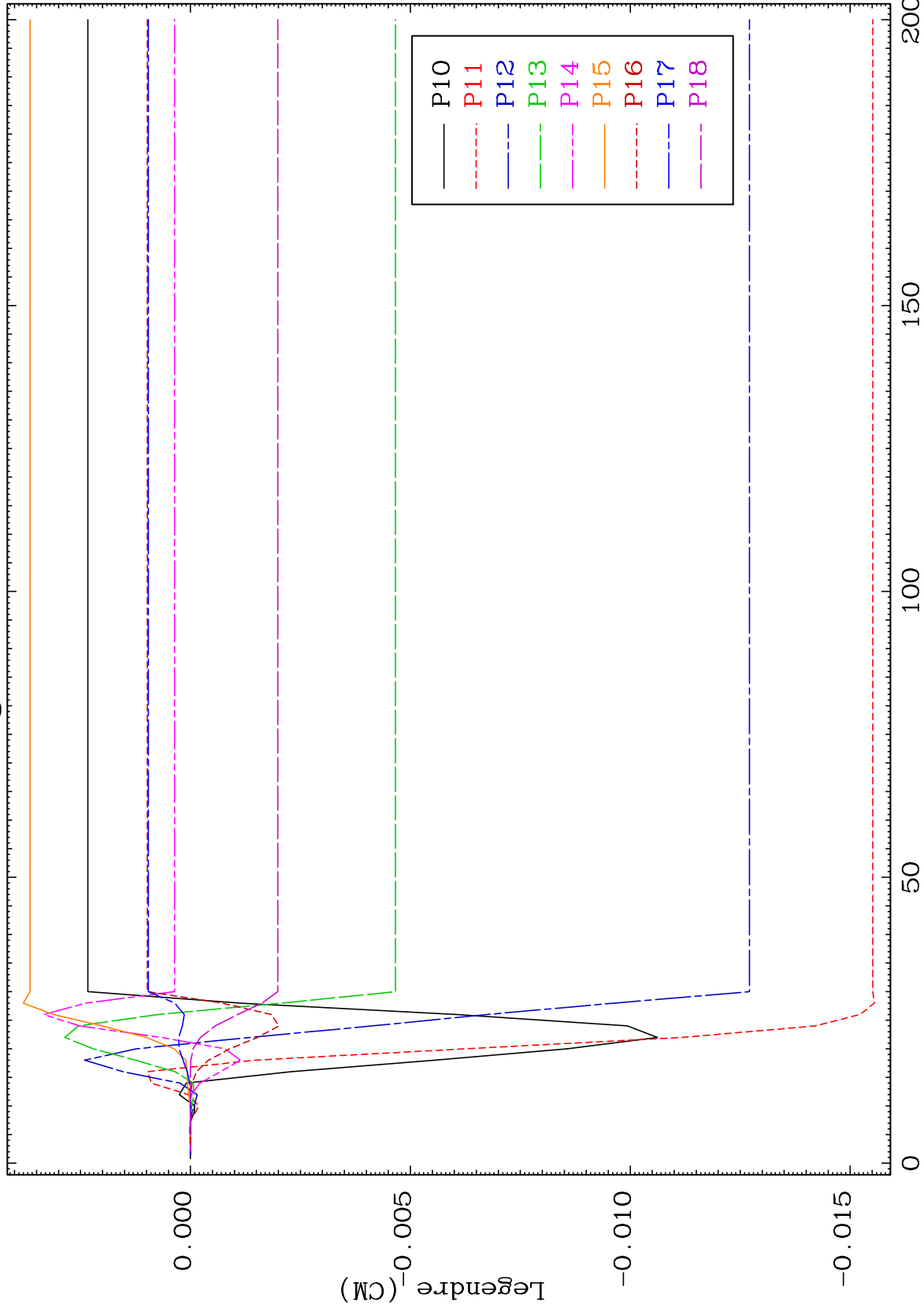
Incident Energy (MeV)

35

MAT 8074

518.2 keV (n,n') Level  
Legendre Coefficients

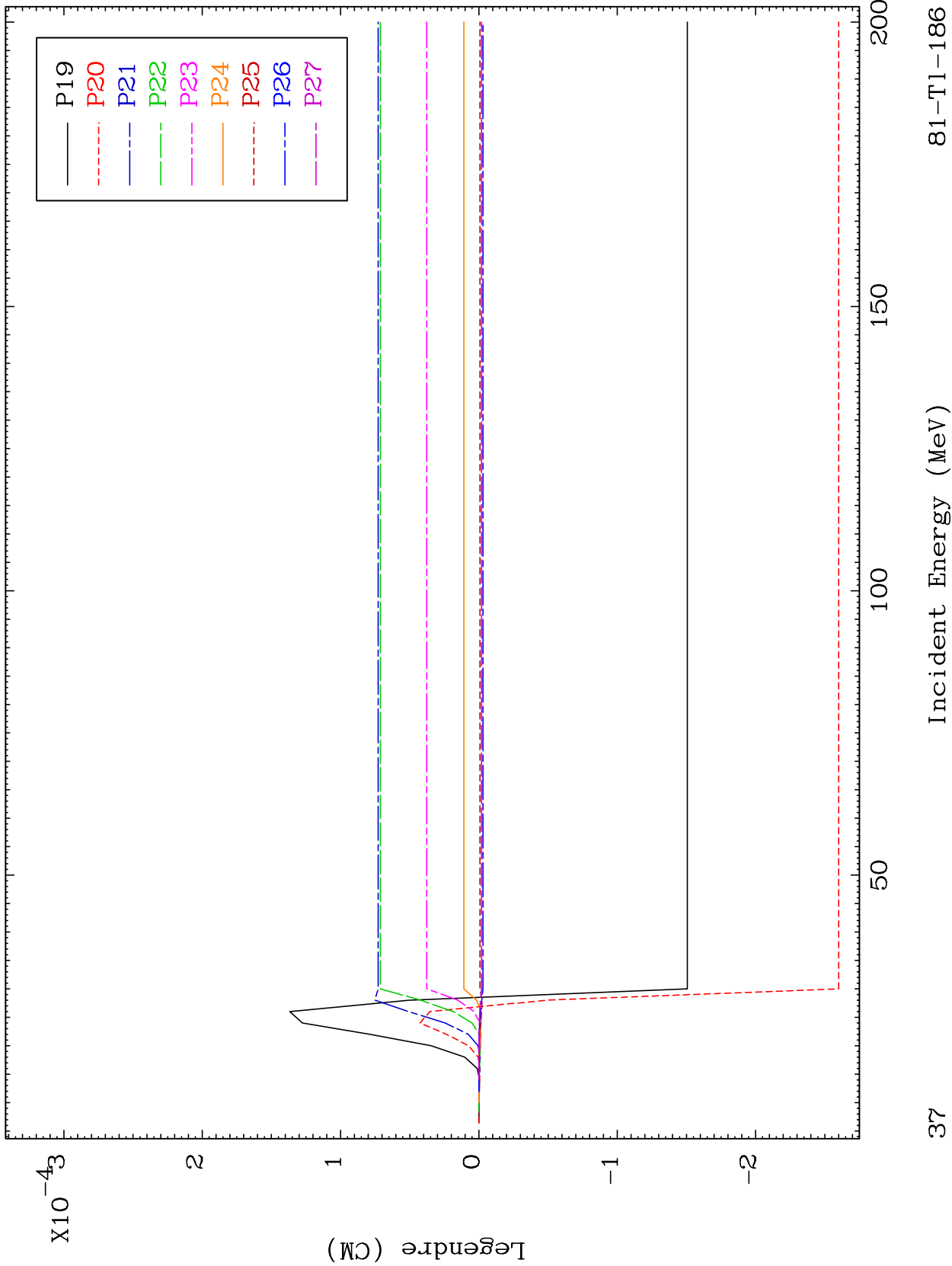
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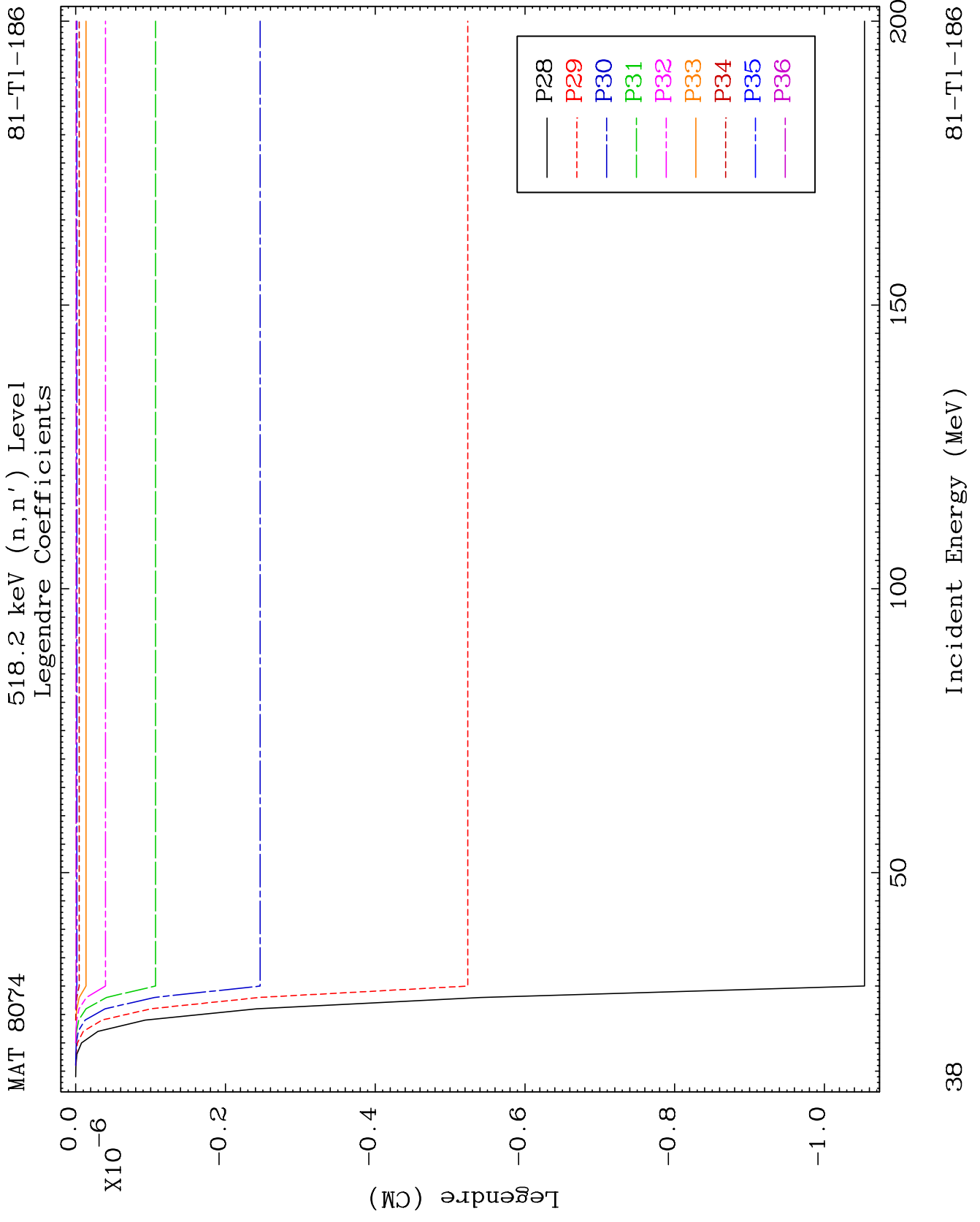


36

Incident Energy (MeV)

81-Tl-186

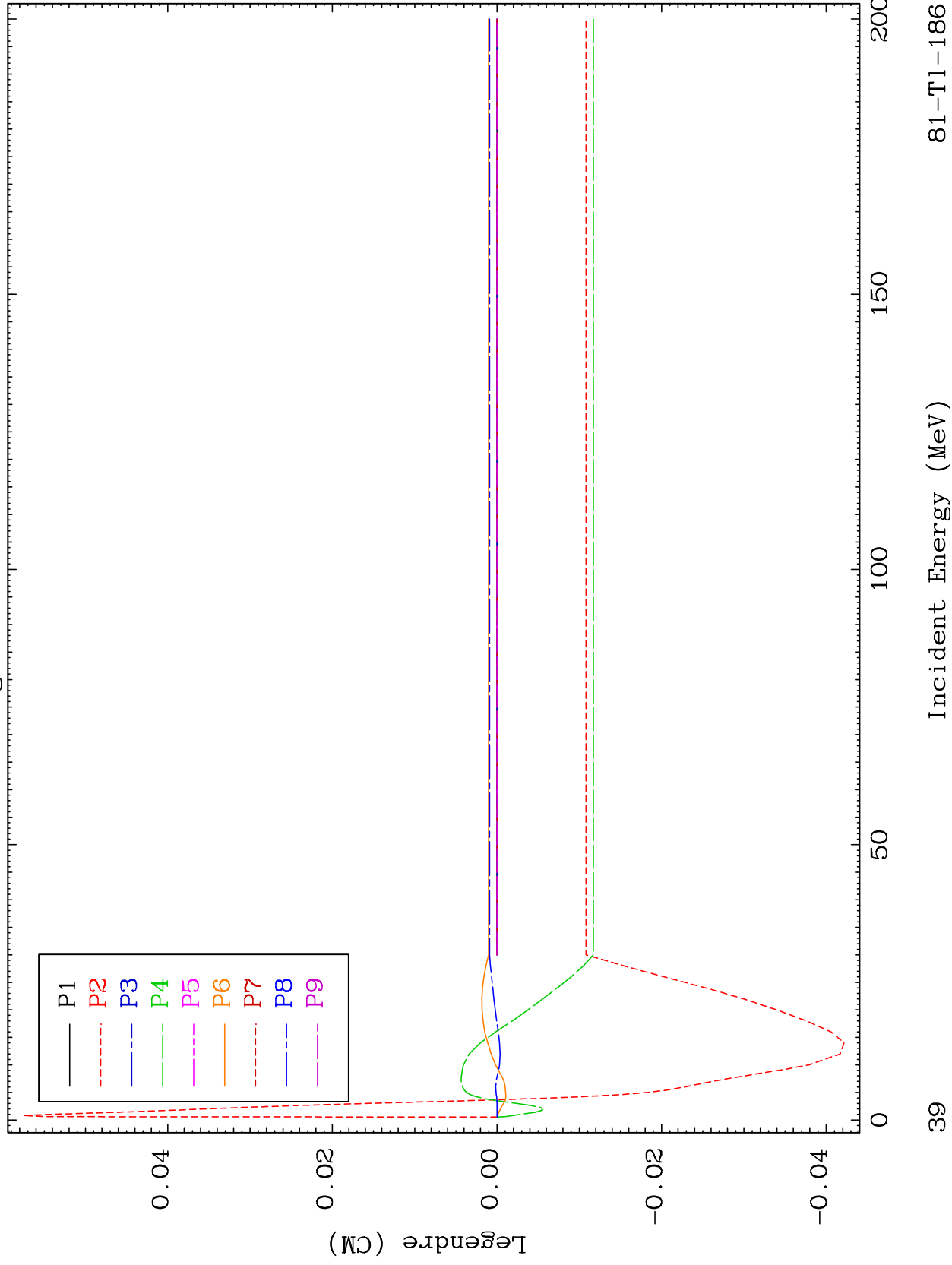




MAT 8074

521.1 keV (n,n') Level  
Legendre Coefficients

81-Tl-186



81-Tl-186

Incident Energy (MeV)

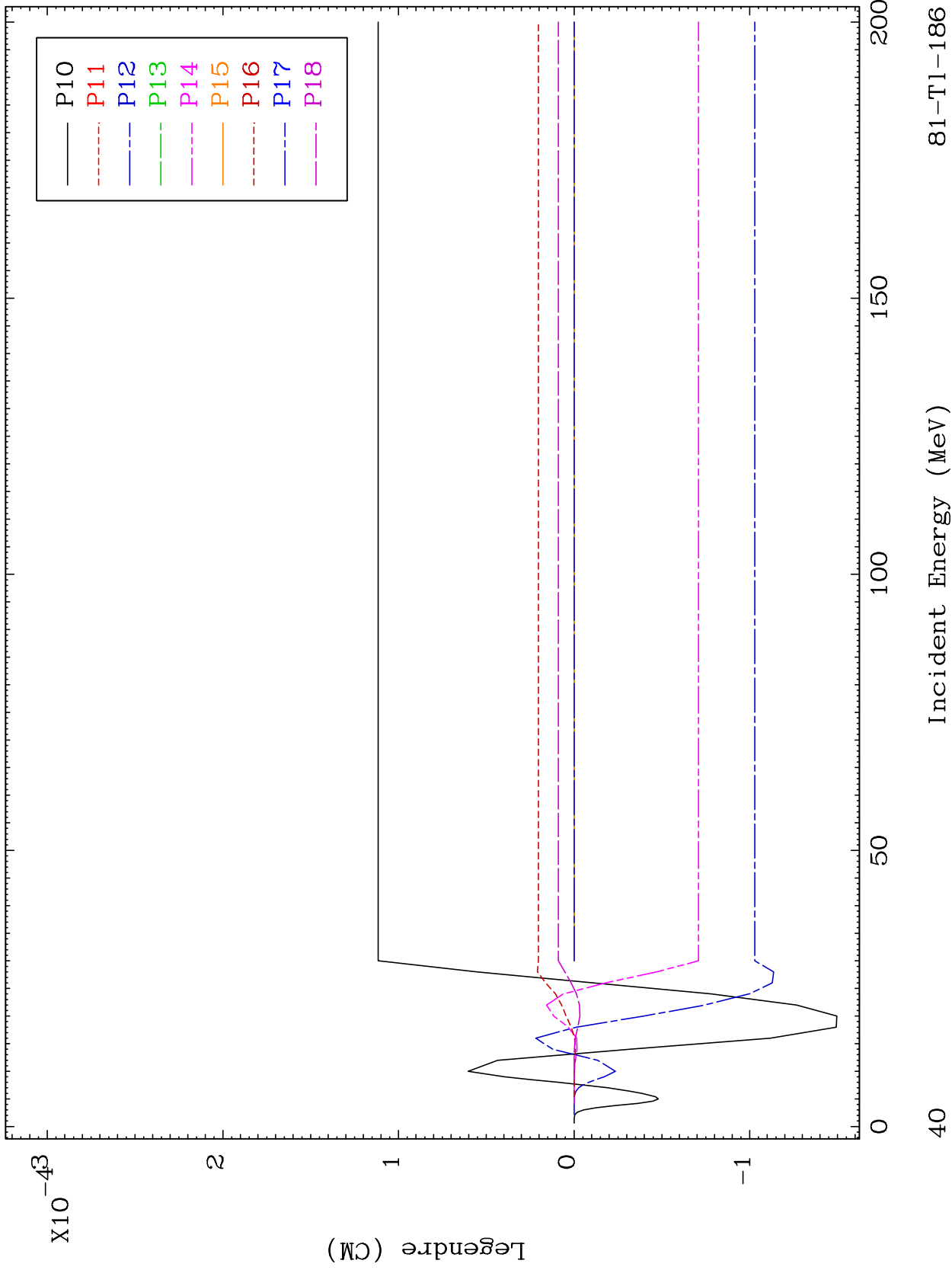
39



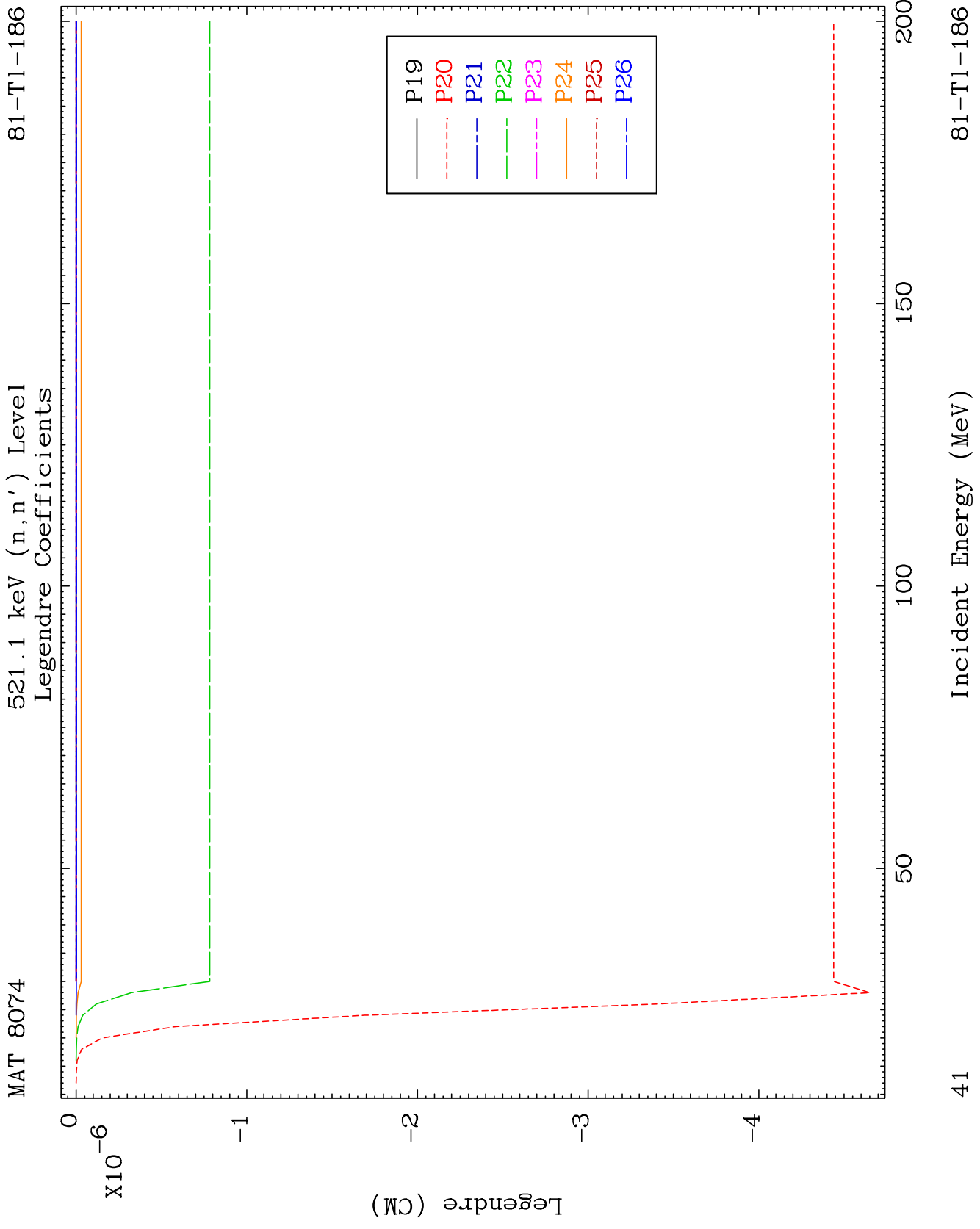
MAT 8074

521.1 keV (n,n') Level  
Legendre Coefficients

81-Tl-186



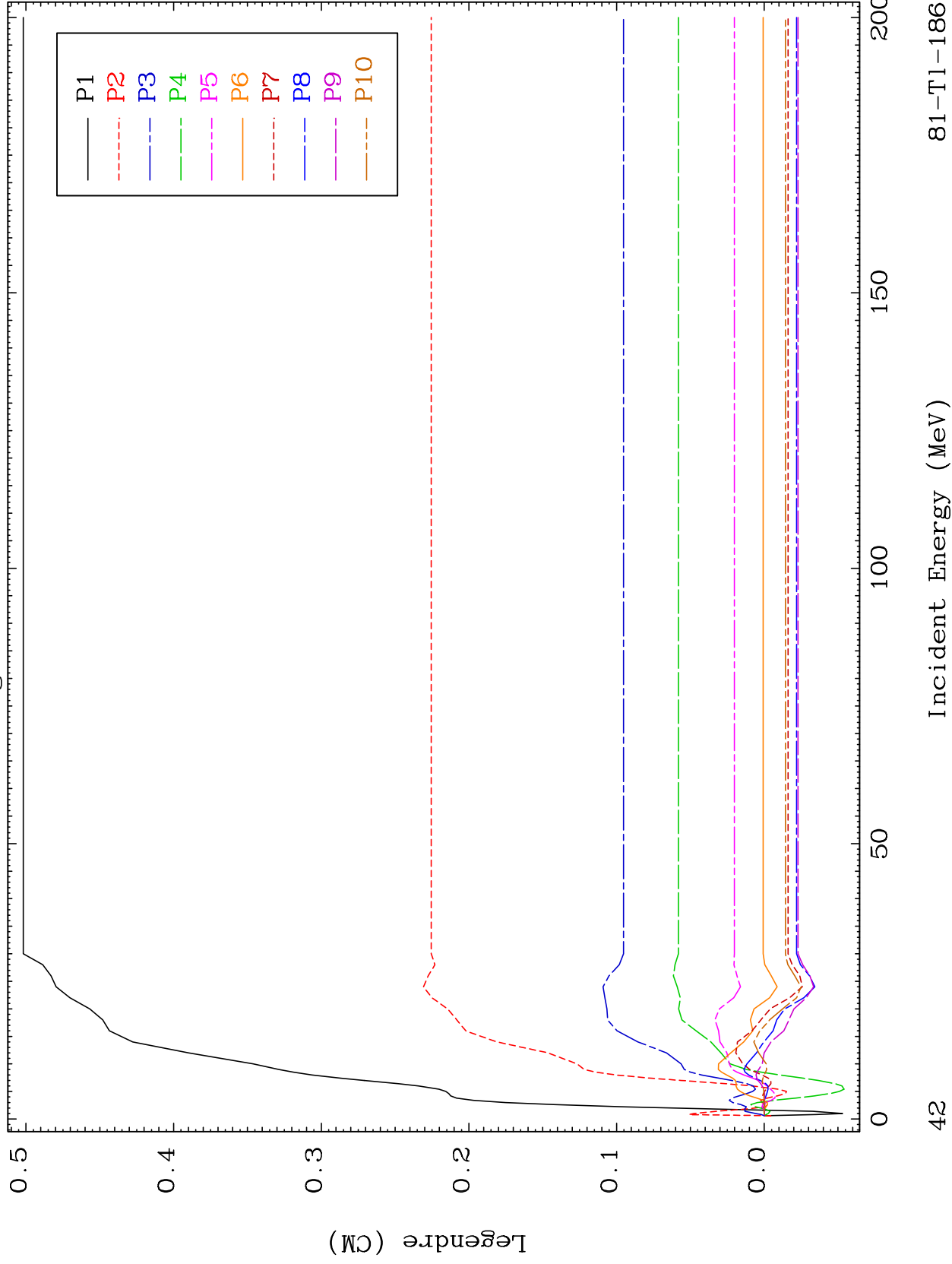
81-Tl-186



MAT 8074

539.0 keV (n,n') Level  
Legendre Coefficients

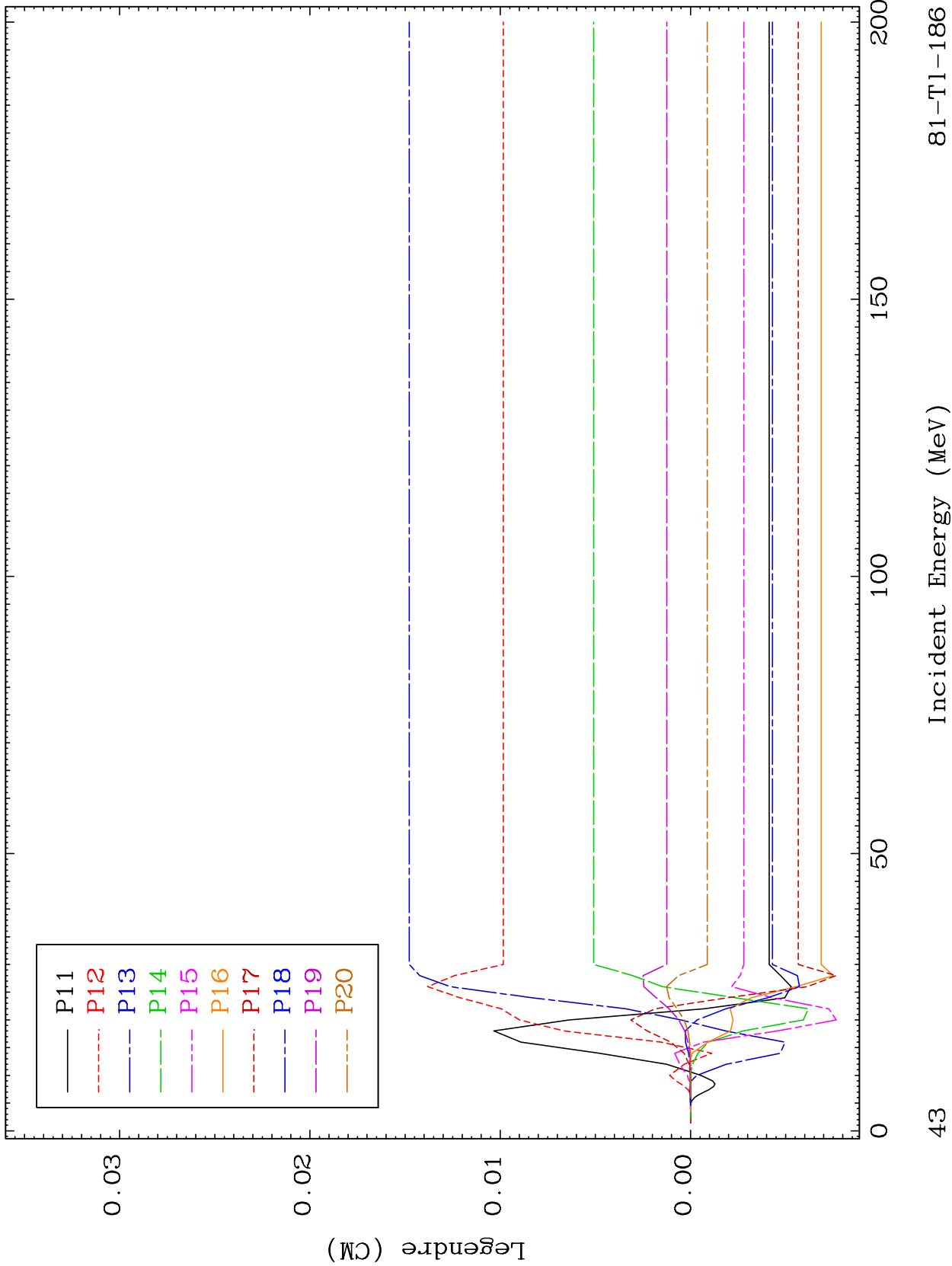
81-Tl-186



MAT 8074

539.0 keV (n,n') Level  
Legendre Coefficients

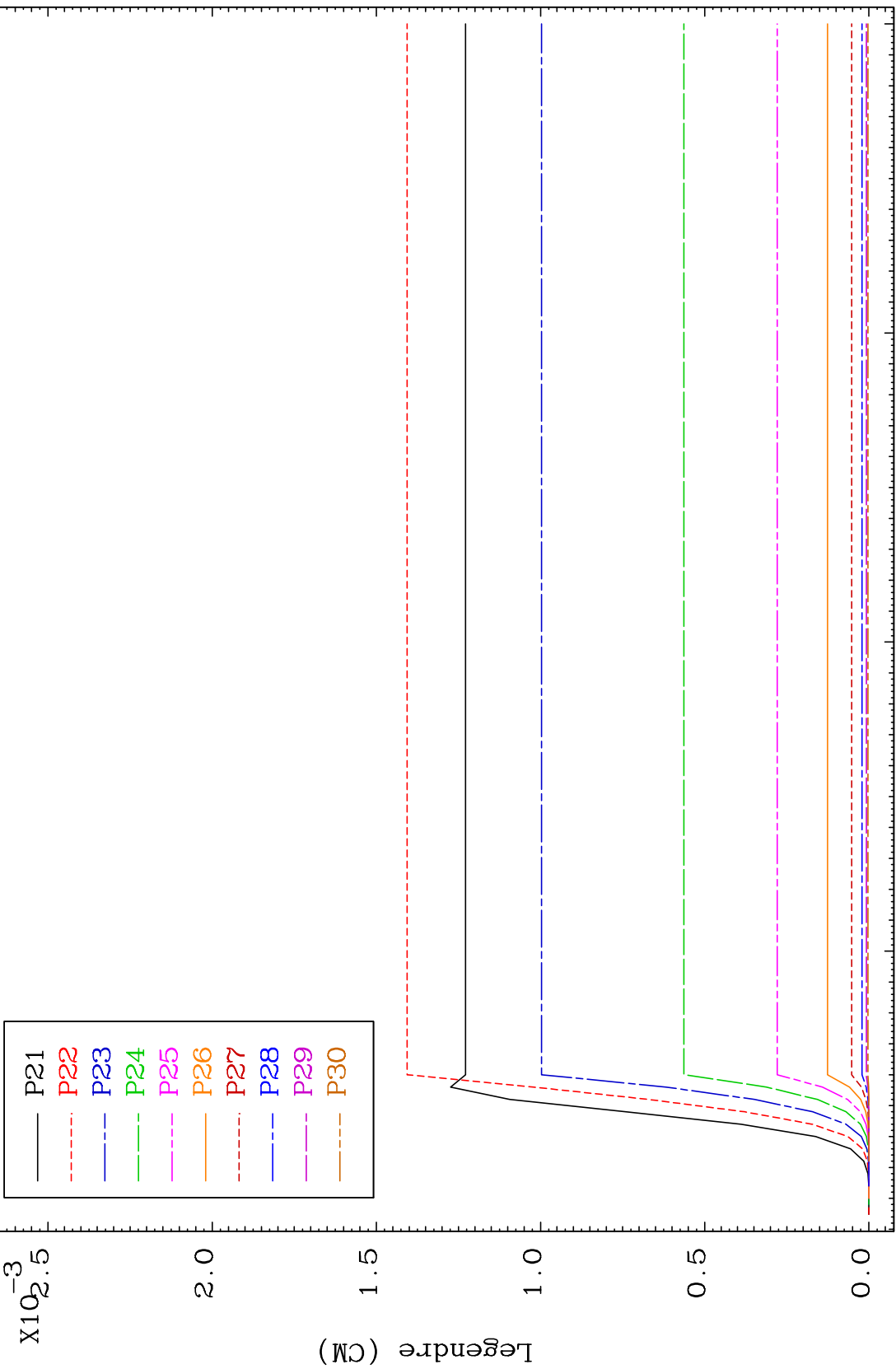
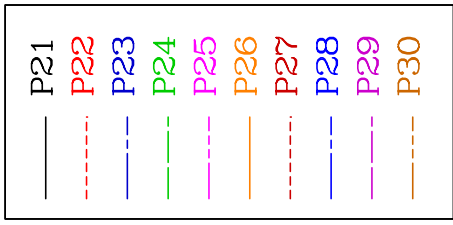
81-Tl-186



MAT 8074

539.0 keV (n,n') Level  
Legendre Coefficients

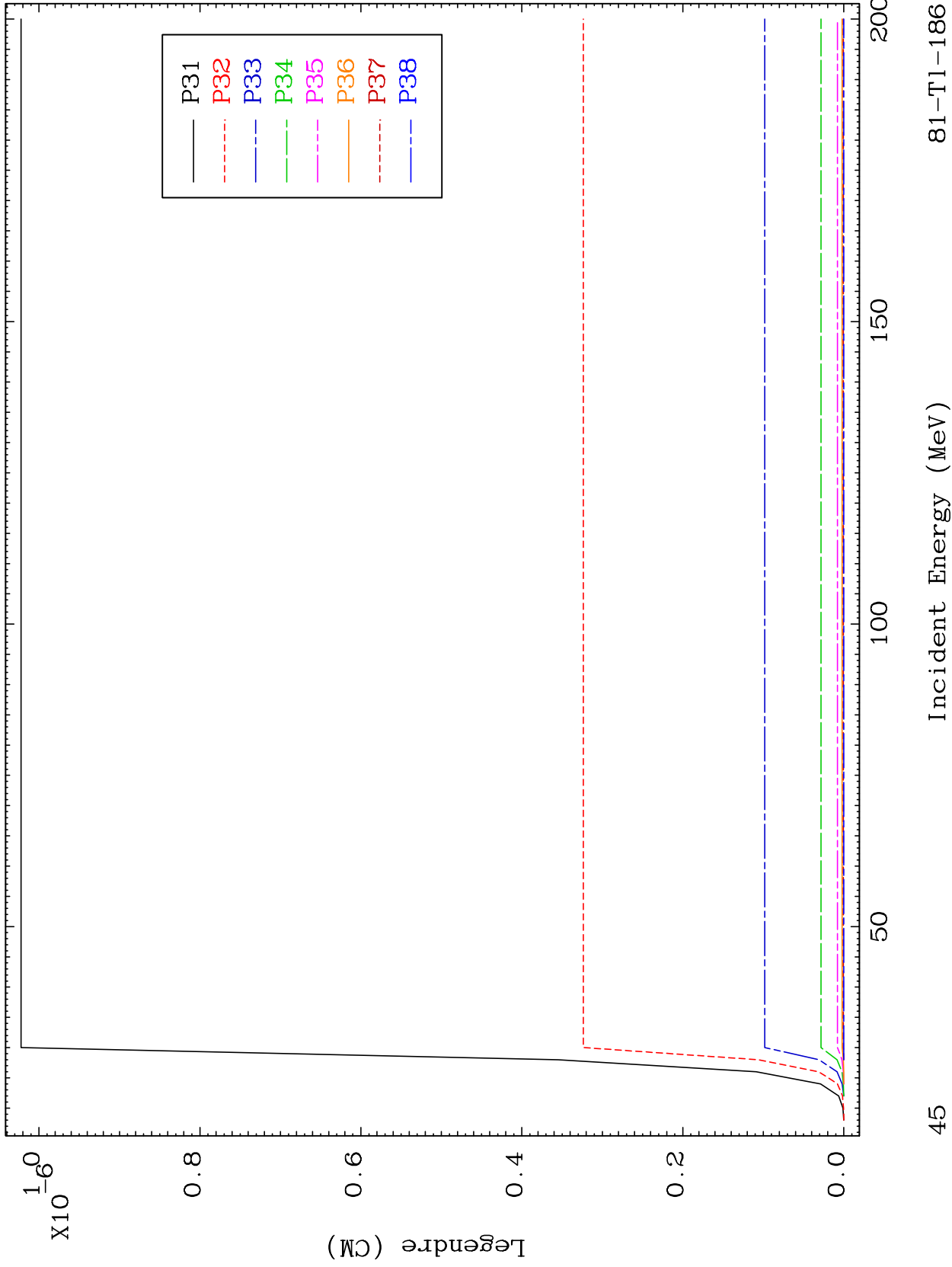
81-Tl-186



MAT 8074

539.0 keV (n,n') Level  
Legendre Coefficients

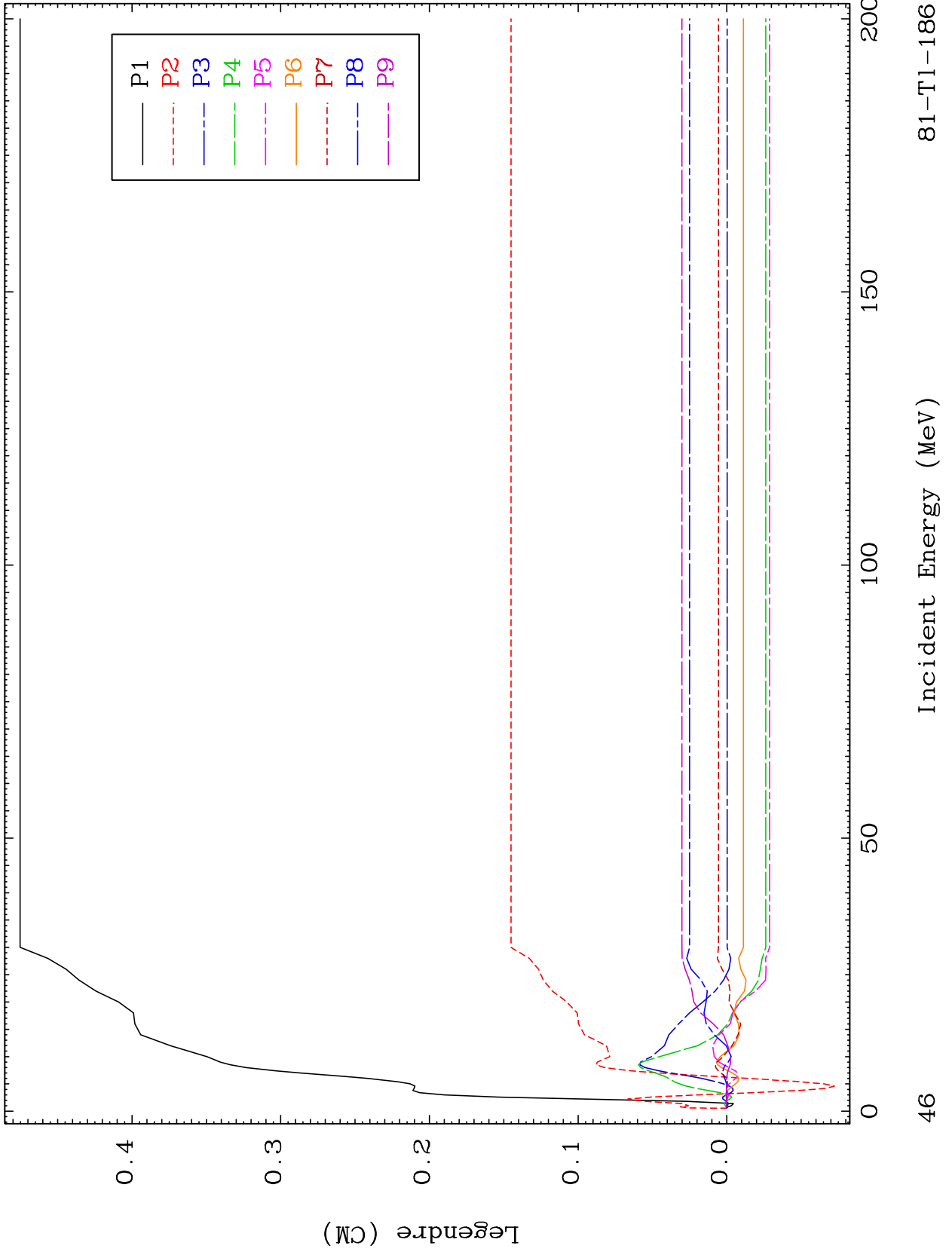
81-Tl-186



MAT 8074

545.7 keV (n,n') Level  
Legendre Coefficients

81-Tl-186



81-Tl-186

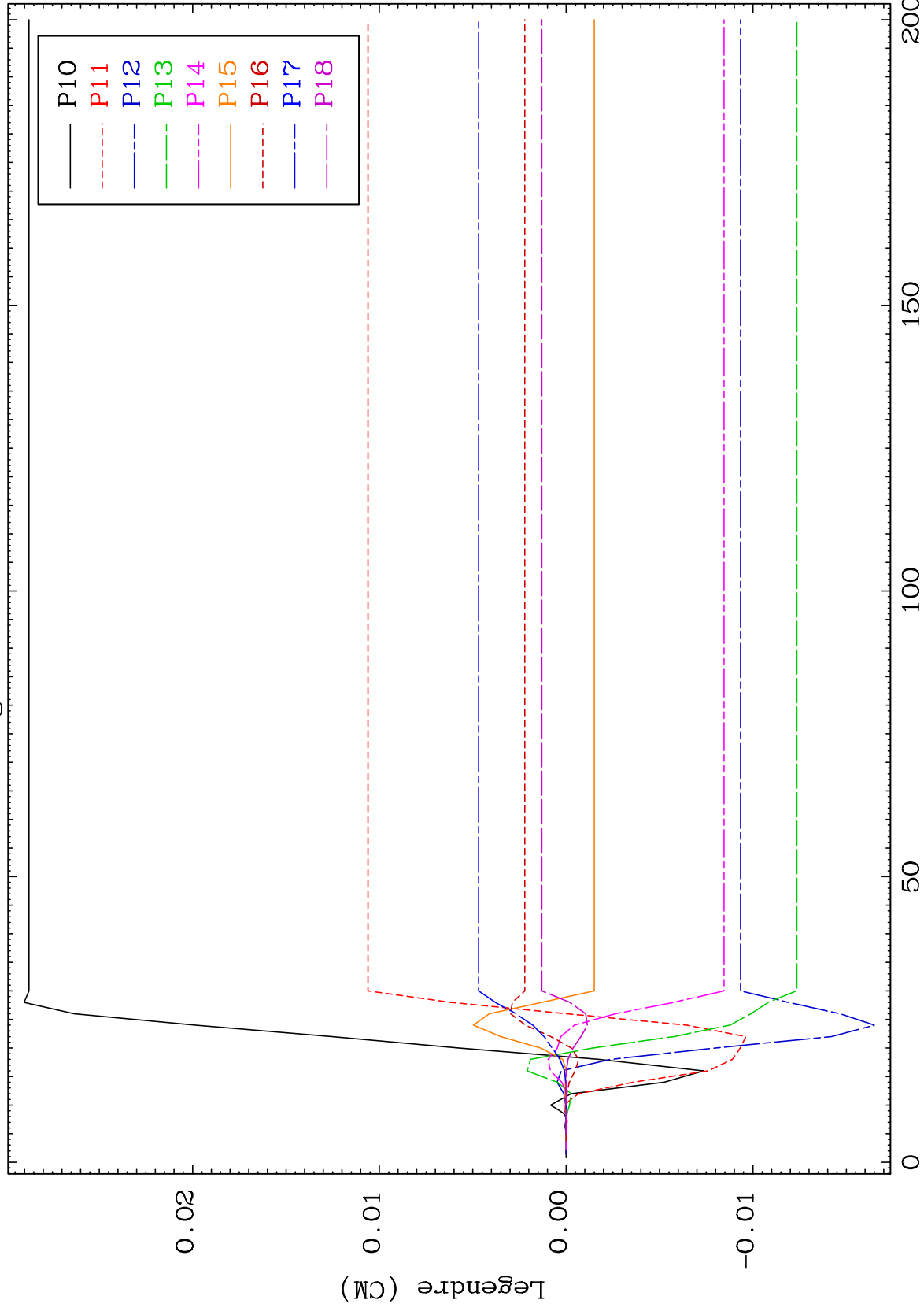
Incident Energy (MeV)

46

MAT 8074

545.7 keV (n,n') Level  
Legendre Coefficients

81-Tl-186



47

Incident Energy (MeV)

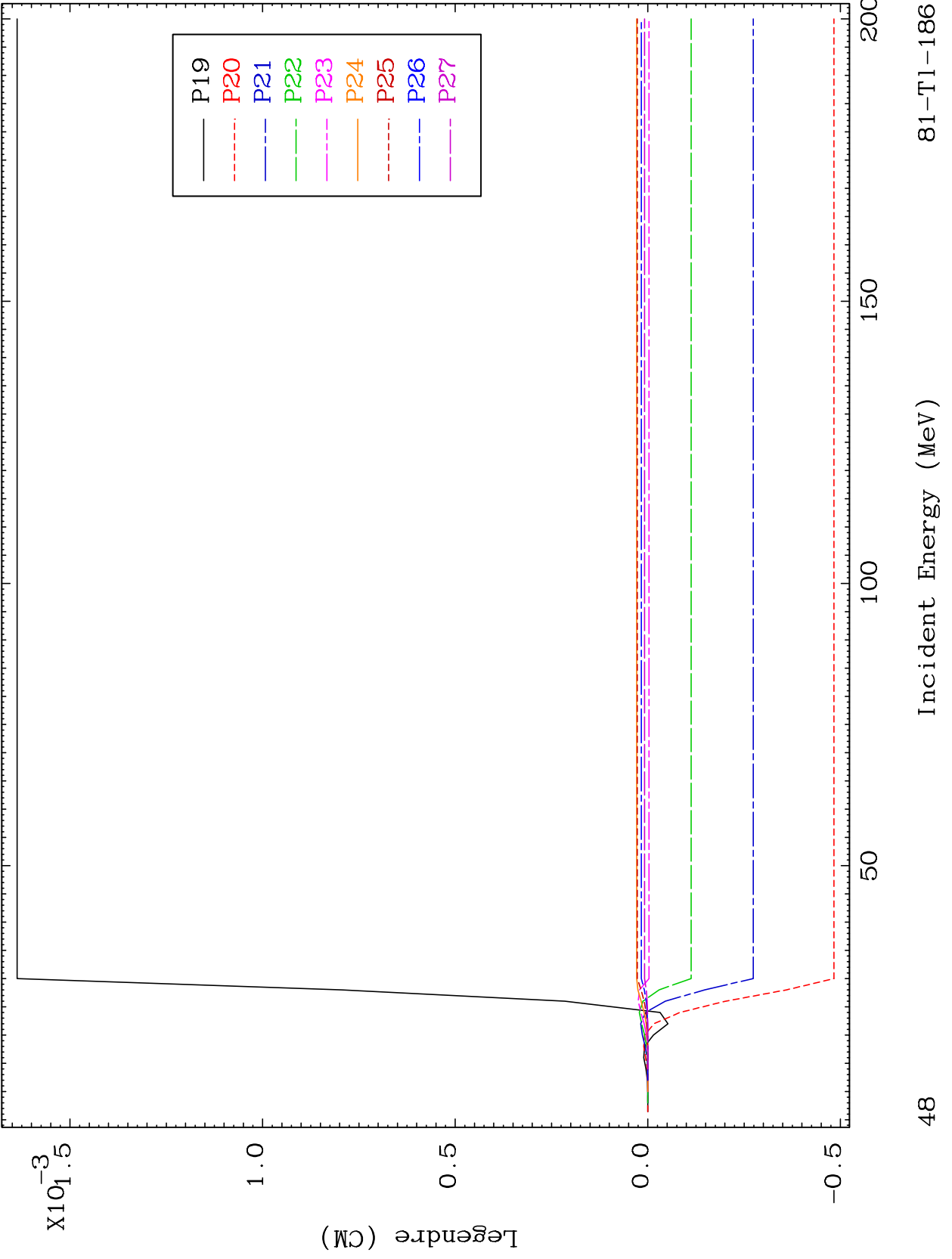
81-Tl-186



MAT 8074

545.7 keV (n, n') Level  
Legendre Coefficients

81-Tl-186



48

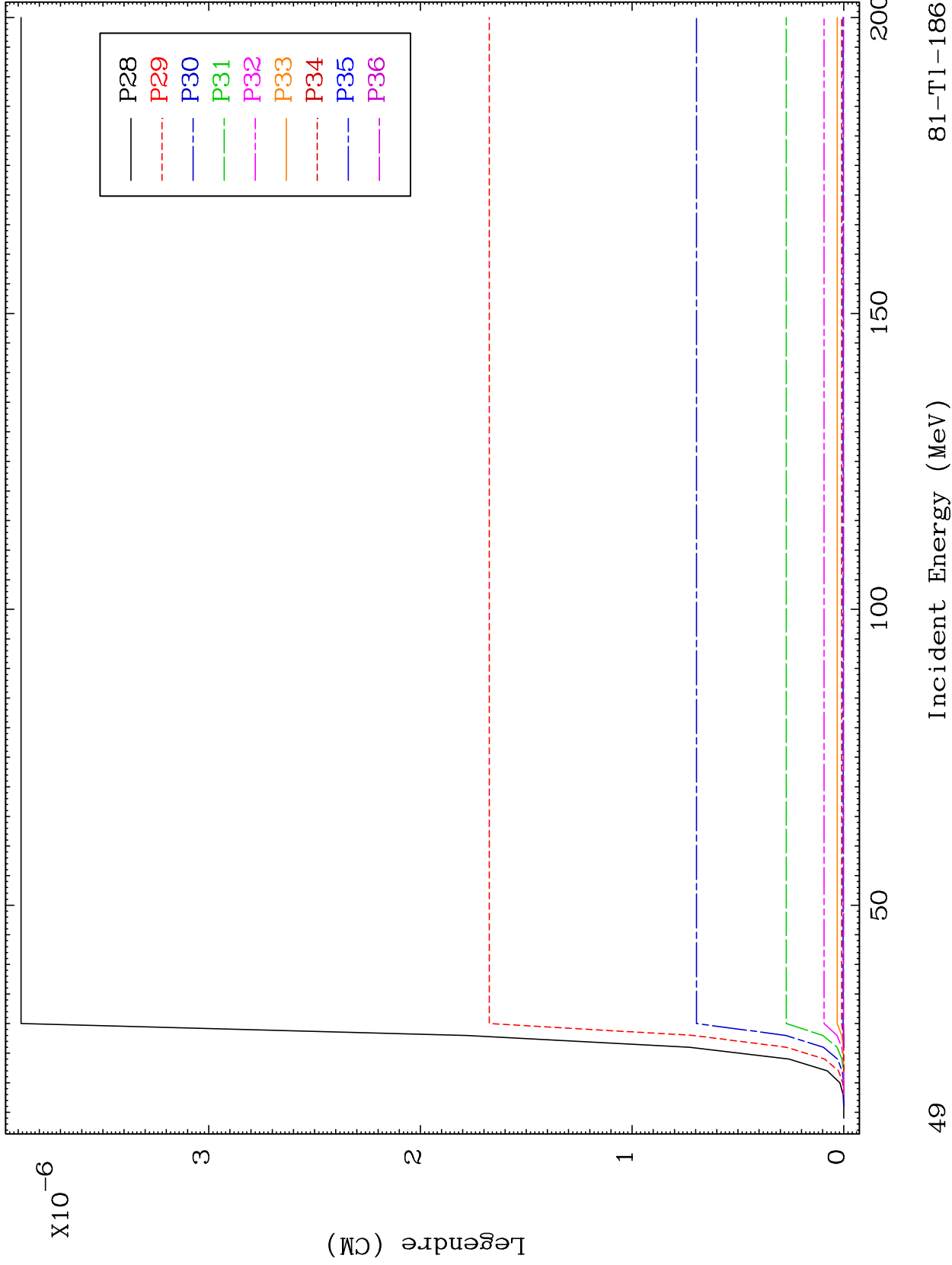
Incident Energy (MeV)

81-Tl-186

MAT 8074

545.7 keV (n,n') Level  
Legendre Coefficients

81-Tl-186



49

Incident Energy (MeV)

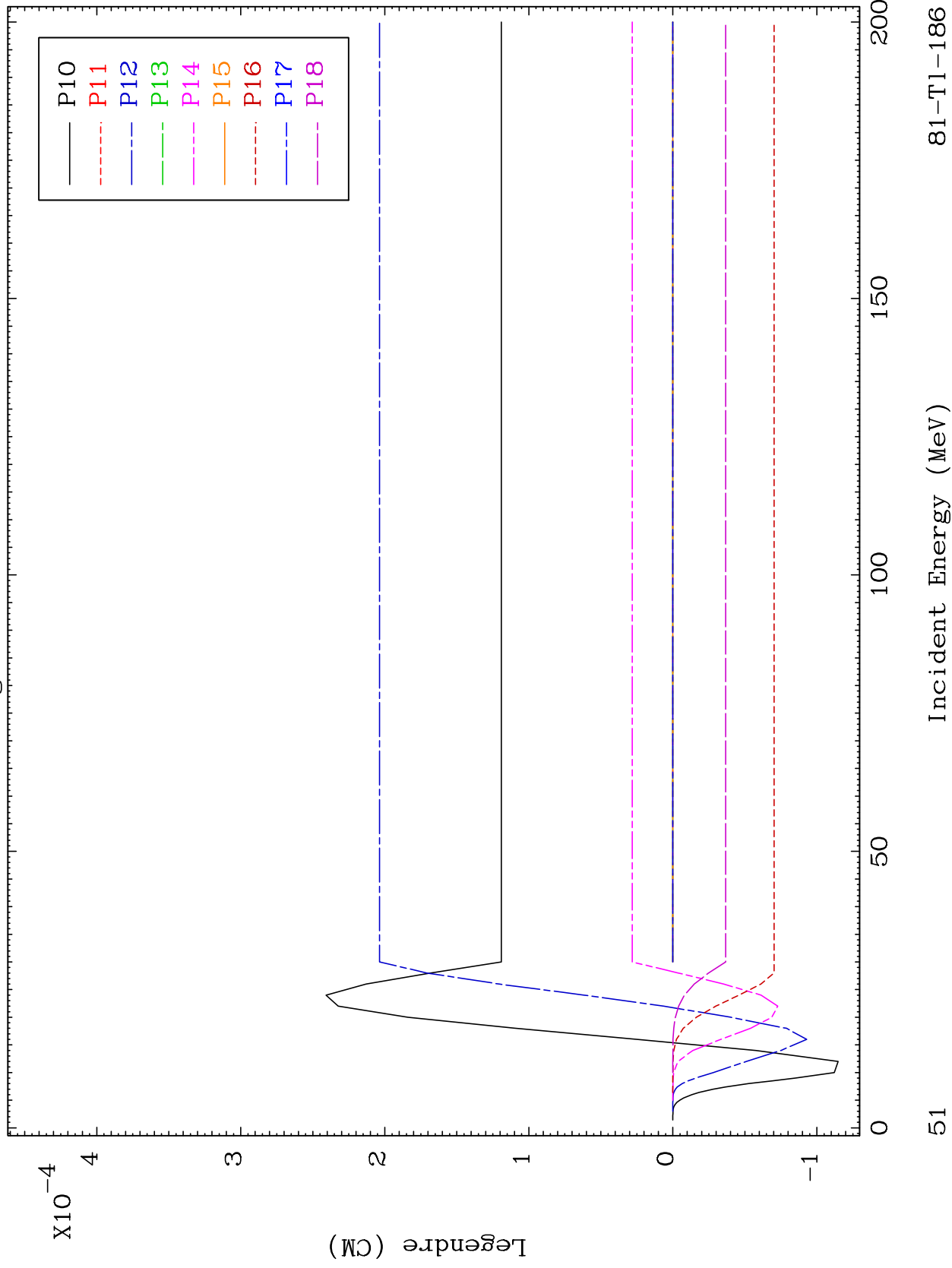
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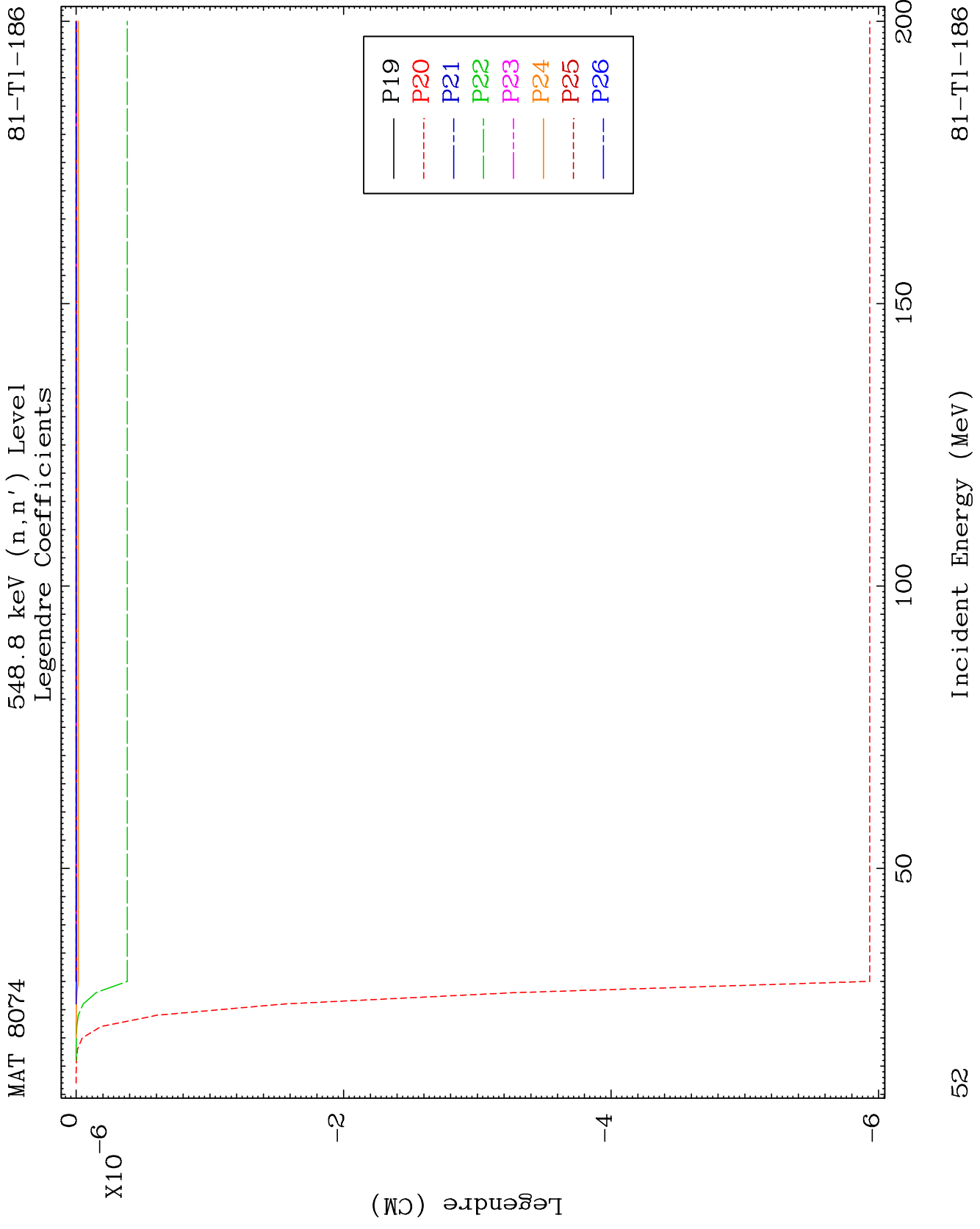


MAT 8074

548.8 keV (n,n') Level  
Legendre Coefficients

81-Tl-186



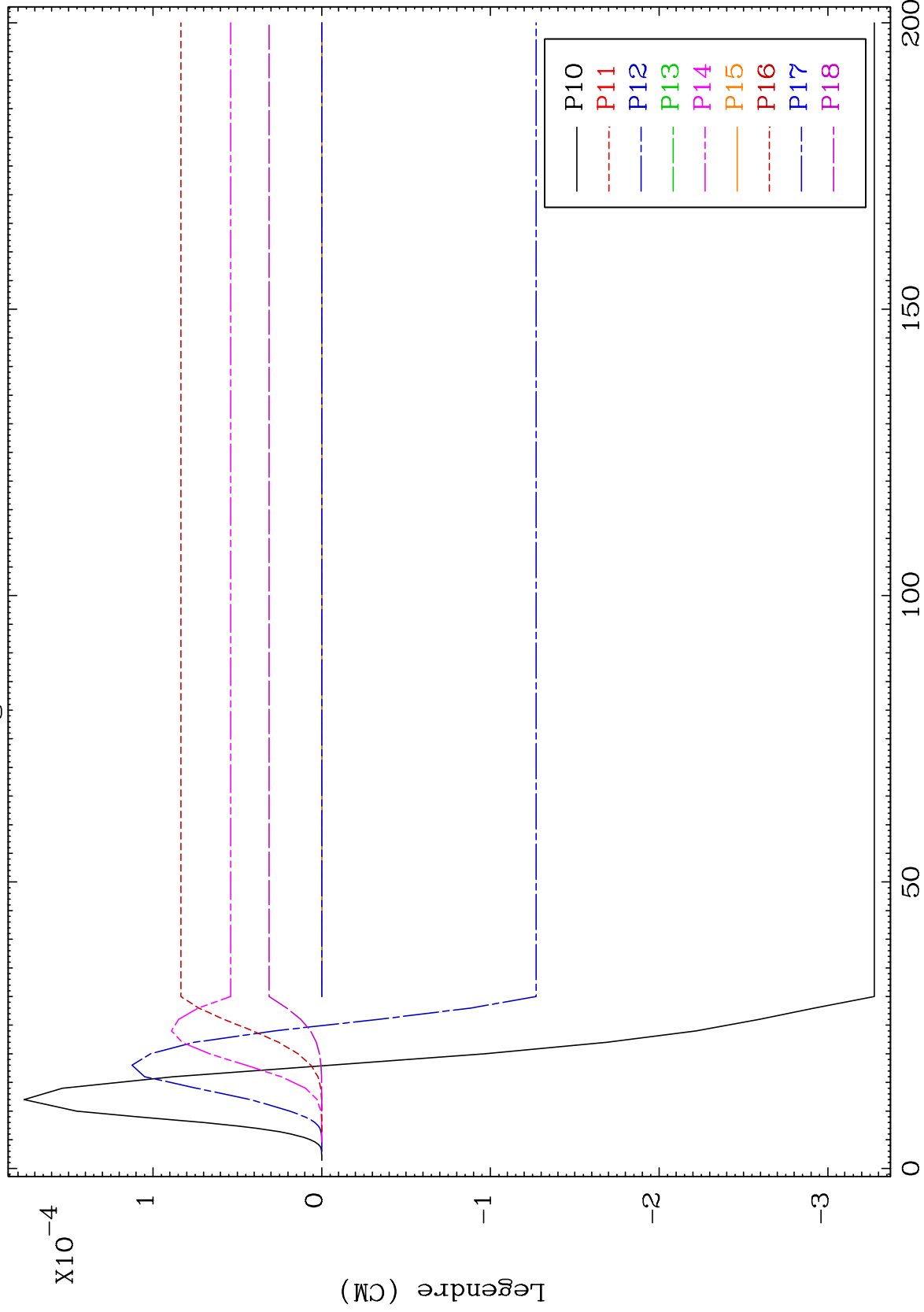




MAT 8074

565.0 keV (n,n') Level  
Legendre Coefficients

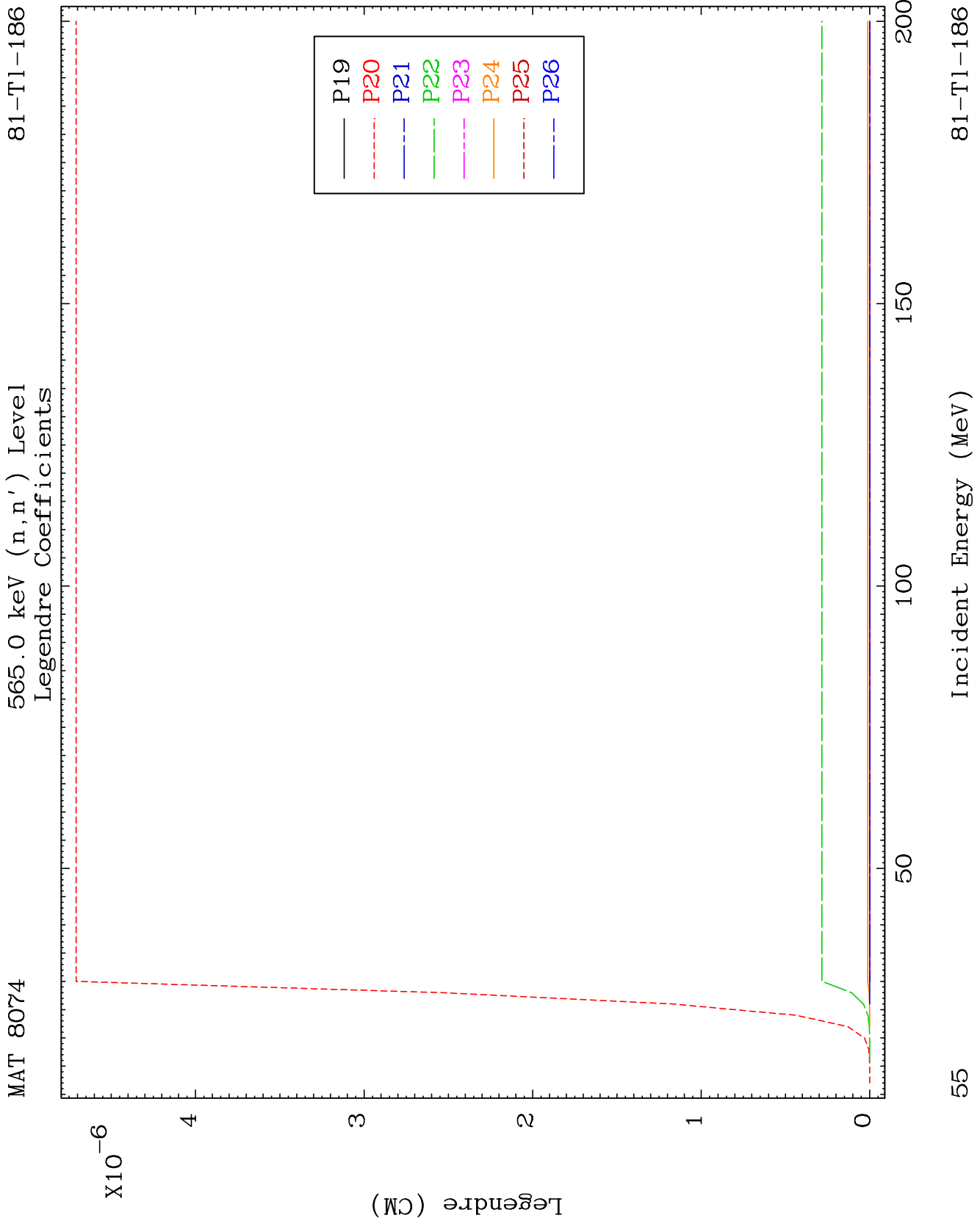
81-Tl-186



54

Incident Energy (MeV)

81-Tl-186





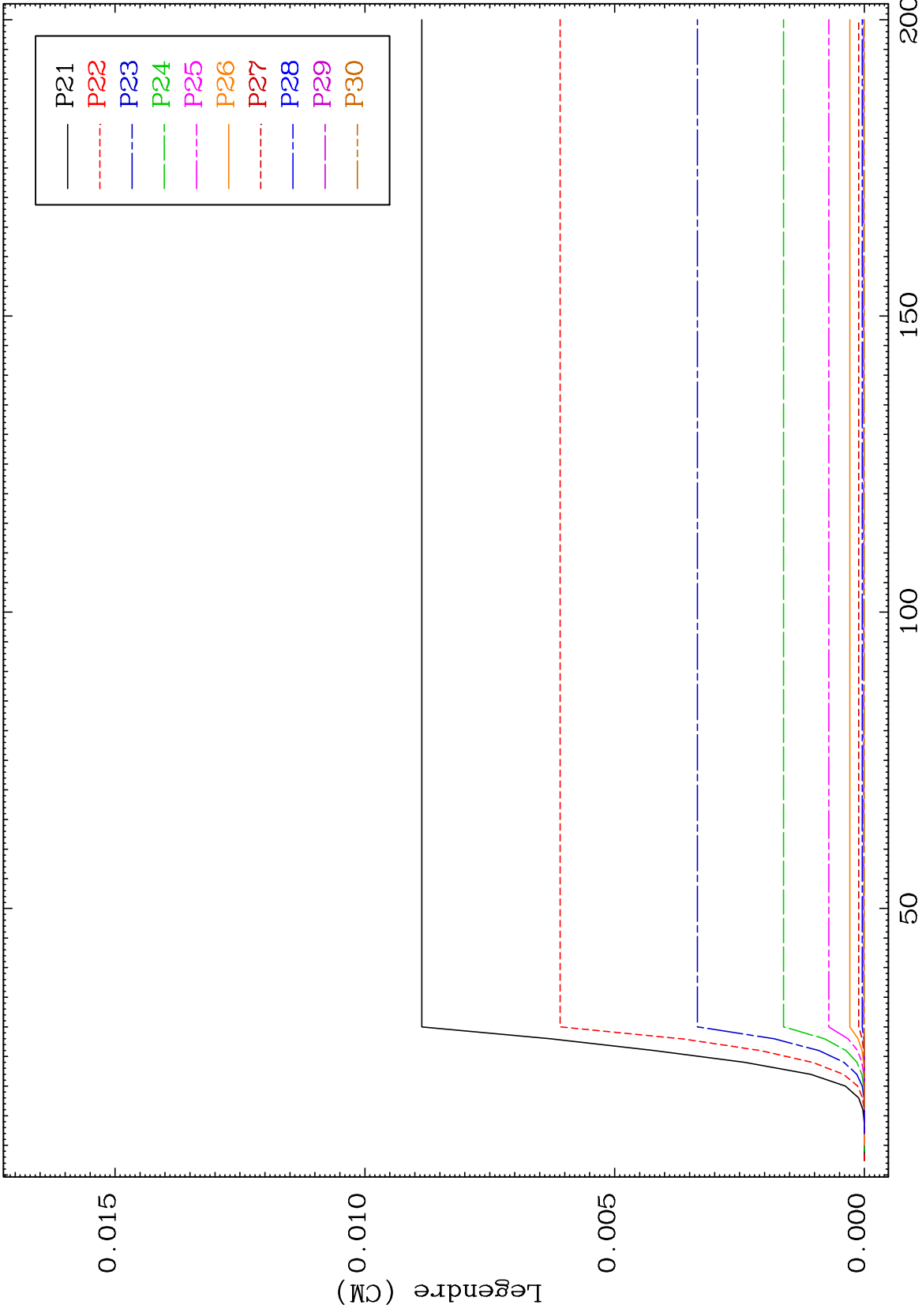




MAT 8074

580.6 keV (n,n') Level  
Legendre Coefficients

81-T1-186



58

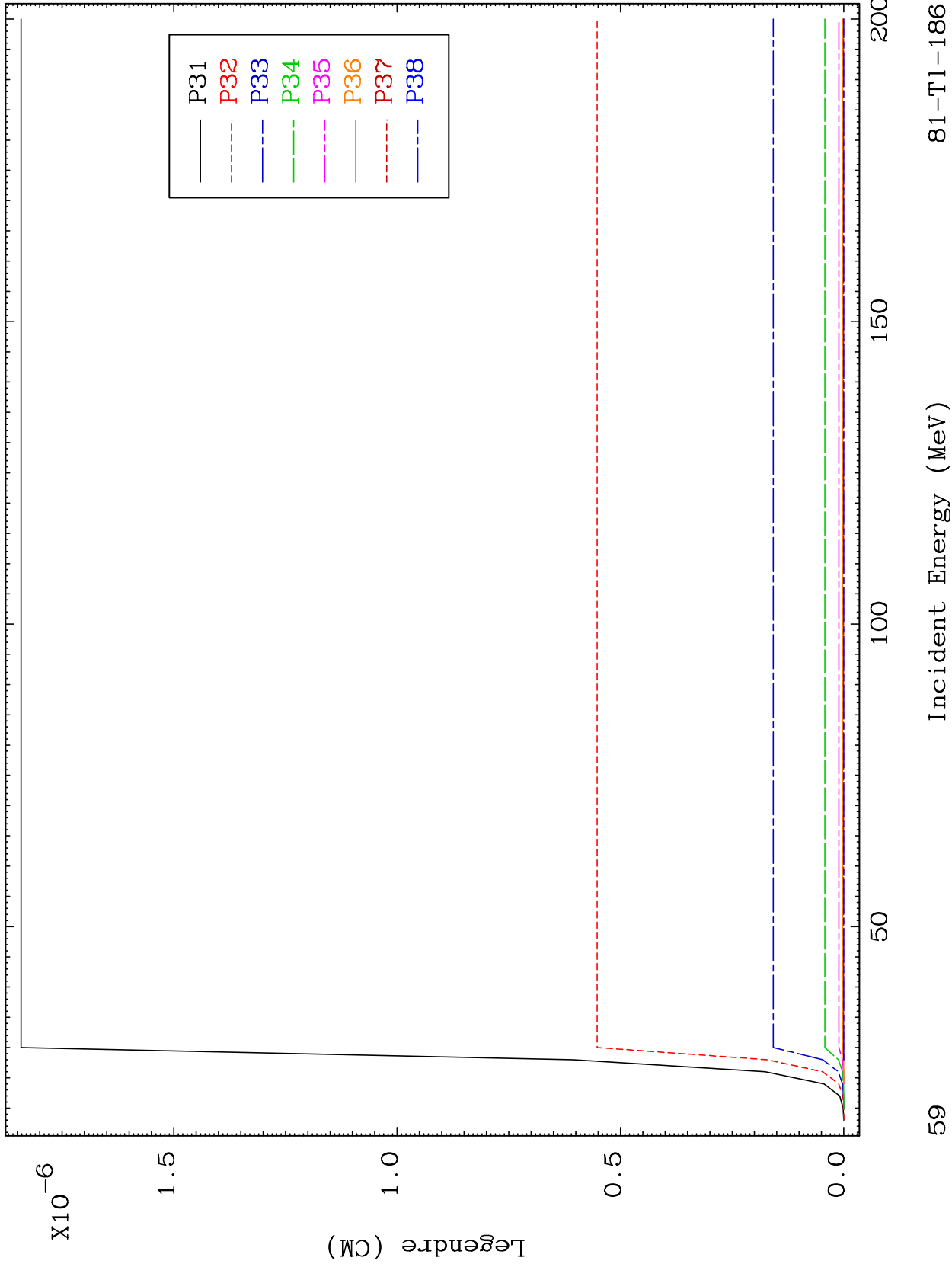
Incident Energy (MeV)

81-T1-186

MAT 8074

580.6 keV (n,n') Level  
Legendre Coefficients

81-Tl-186



59

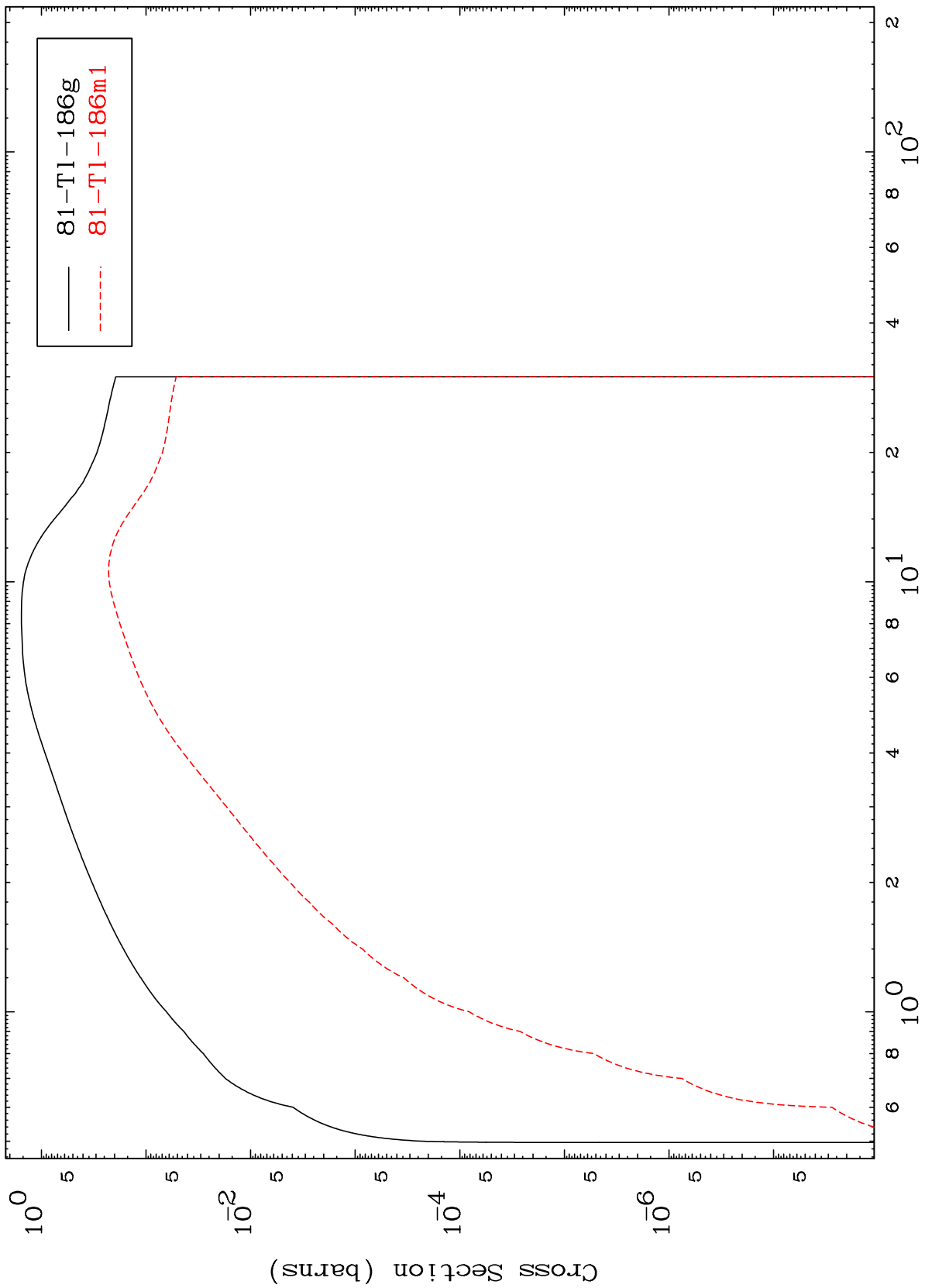
Incident Energy (MeV)

81-Tl-186

MAT 8074

81-Tl-186

### Inelastic Radionuclide Production Cross Section



60

Incident Energy (MeV)

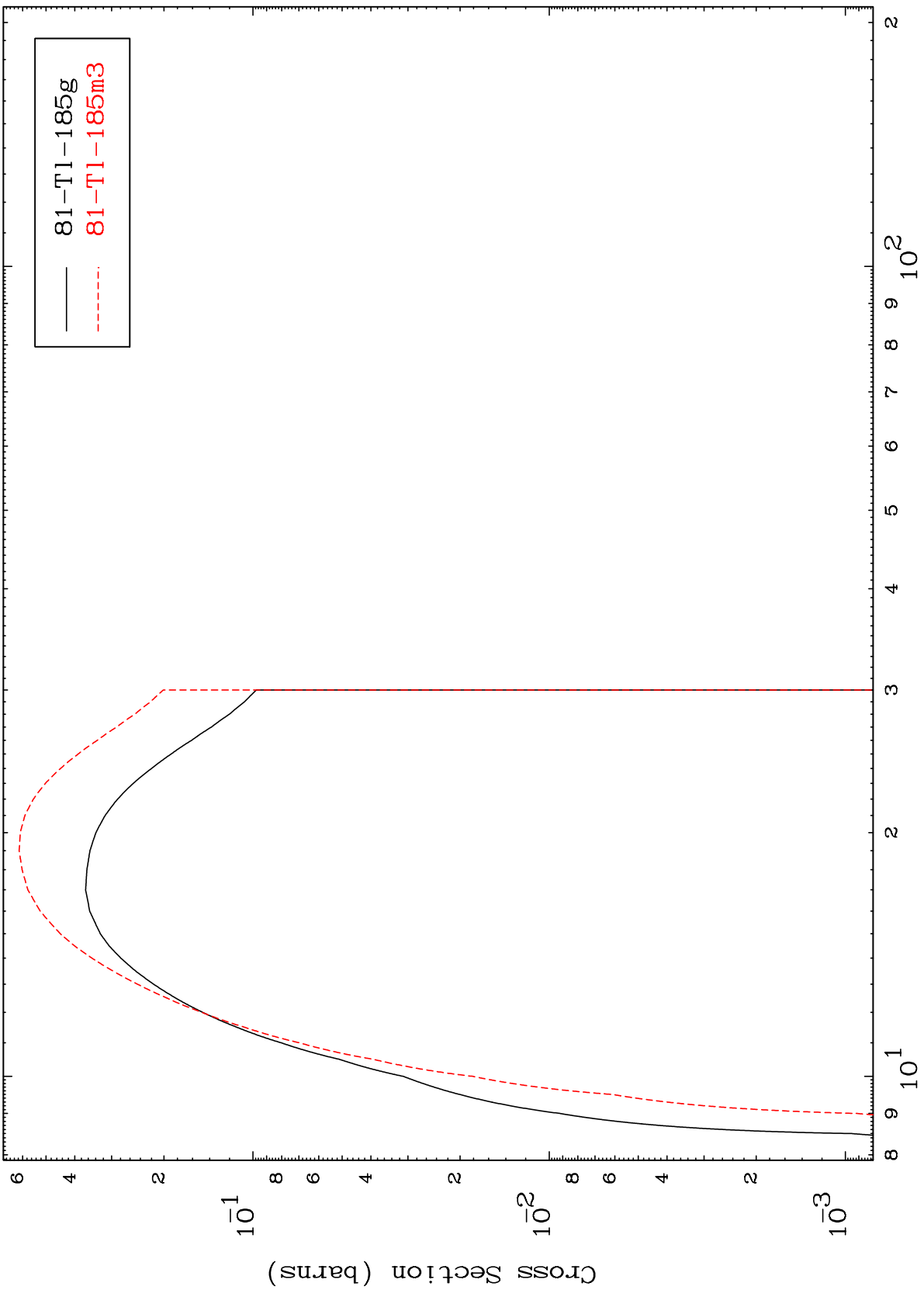
81-Tl-186

MAT 8074

81-Tl-186

(n,2n)

Radionuclide Production Cross Section



81-Tl-185g  
81-Tl-185m3

61

Incident Energy (MeV)

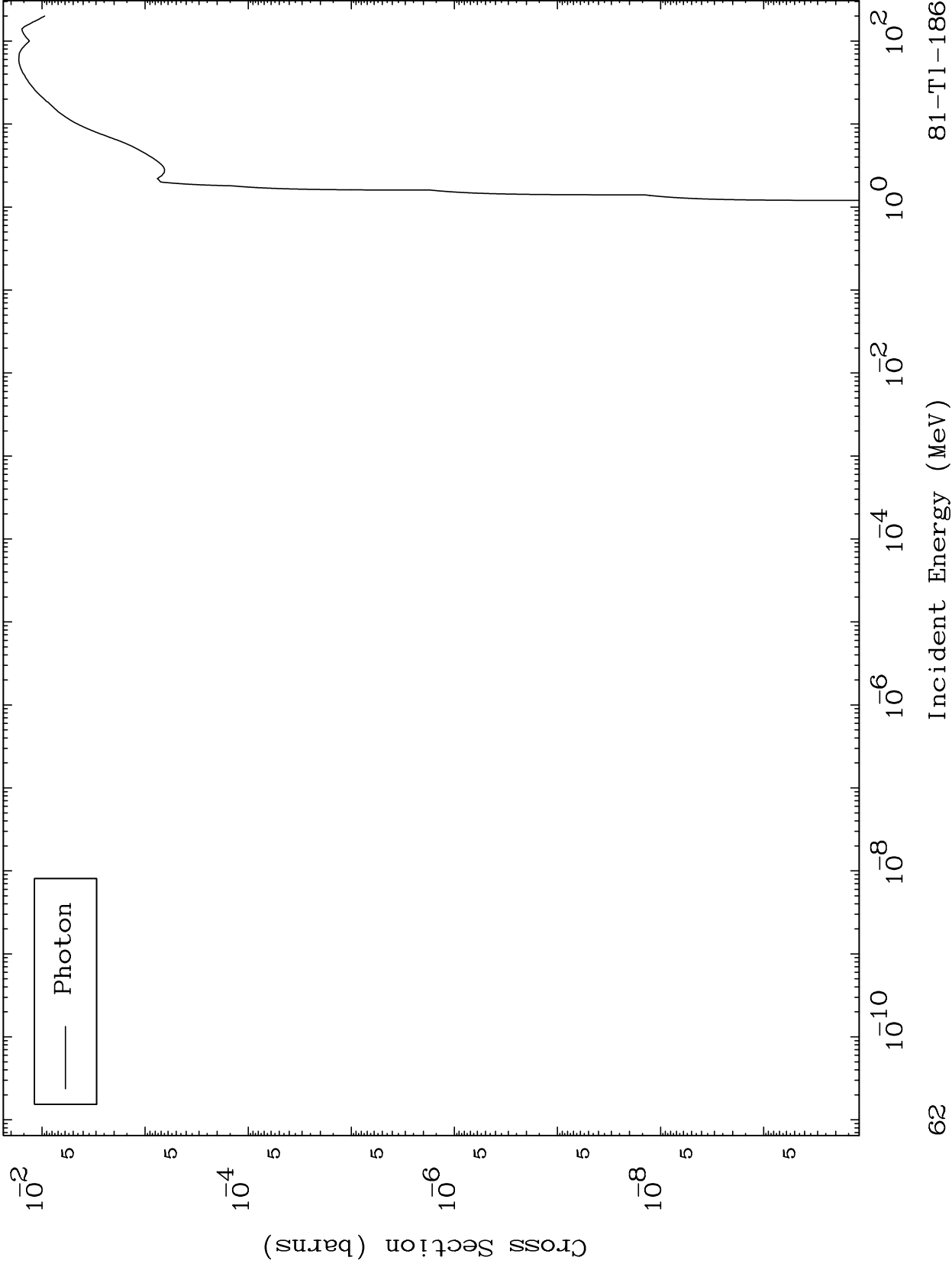
81-Tl-186

MAT 8074

Fission

81-Tl-186

Radionuclide Production Cross Section



62

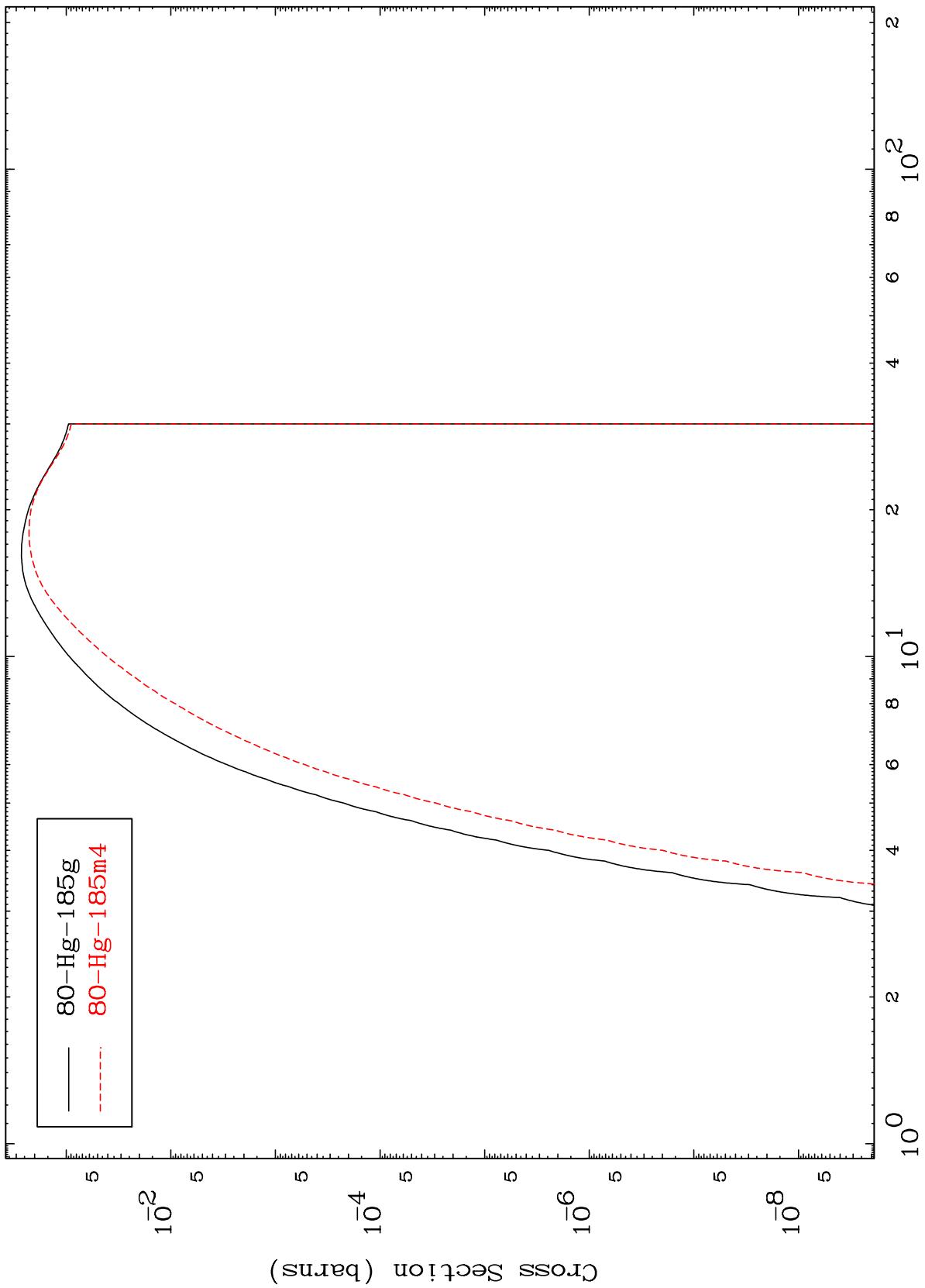
Incident Energy (MeV)

81-Tl-186

MAT 8074

81-Tl-186

(n,n') p  
Radionuclide Production Cross Section



63

Incident Energy (MeV)

81-Tl-186

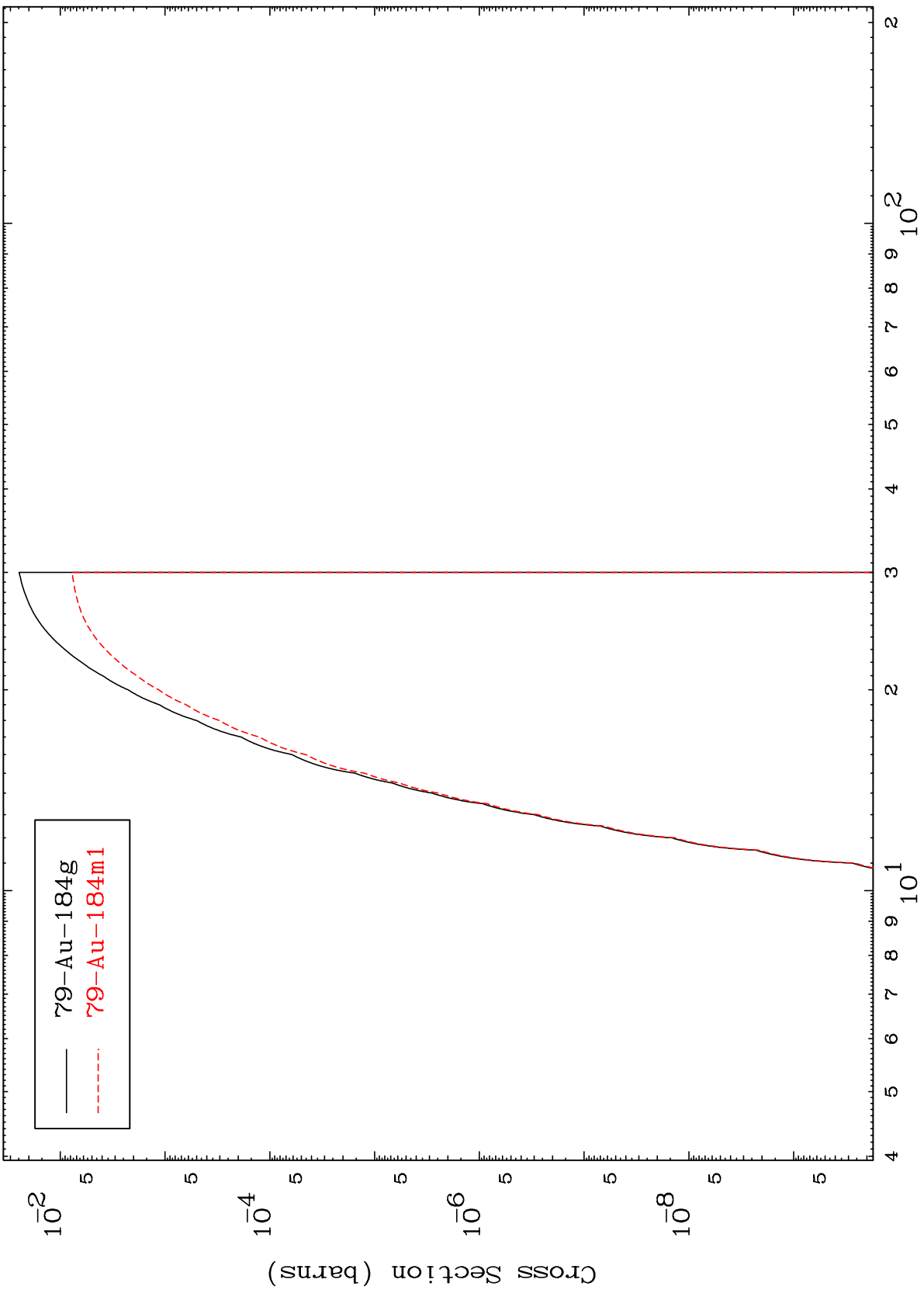


MAT 8074

(n,2n) p

81-Tl-186

Radionuclide Production Cross Section



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

64

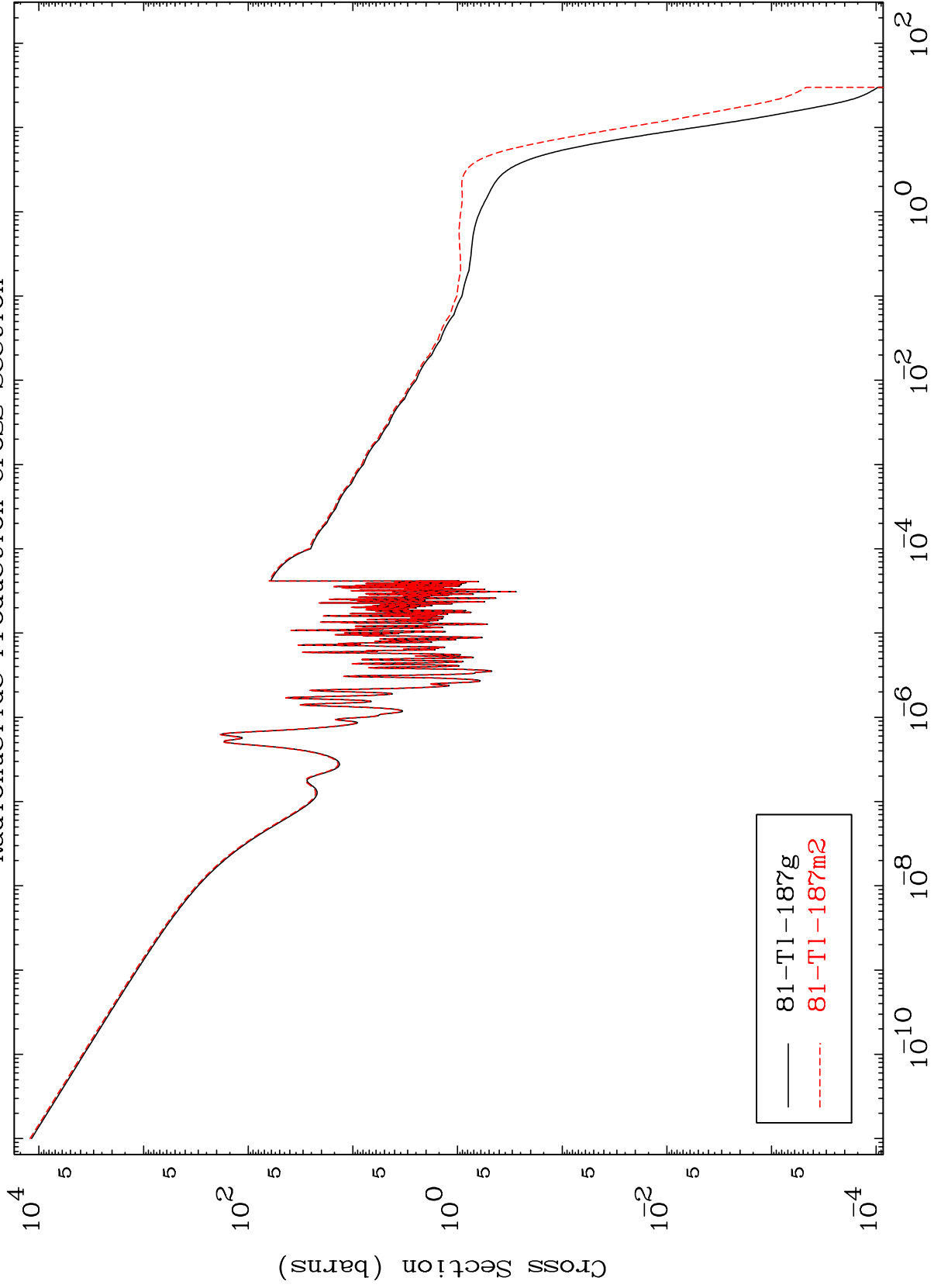
Incident Energy (MeV)

81-Tl-186

MAT 8074

81-Tl-186

Radionuclide Production Cross Section  
(n,  $\gamma$ )



65

81-Tl-186

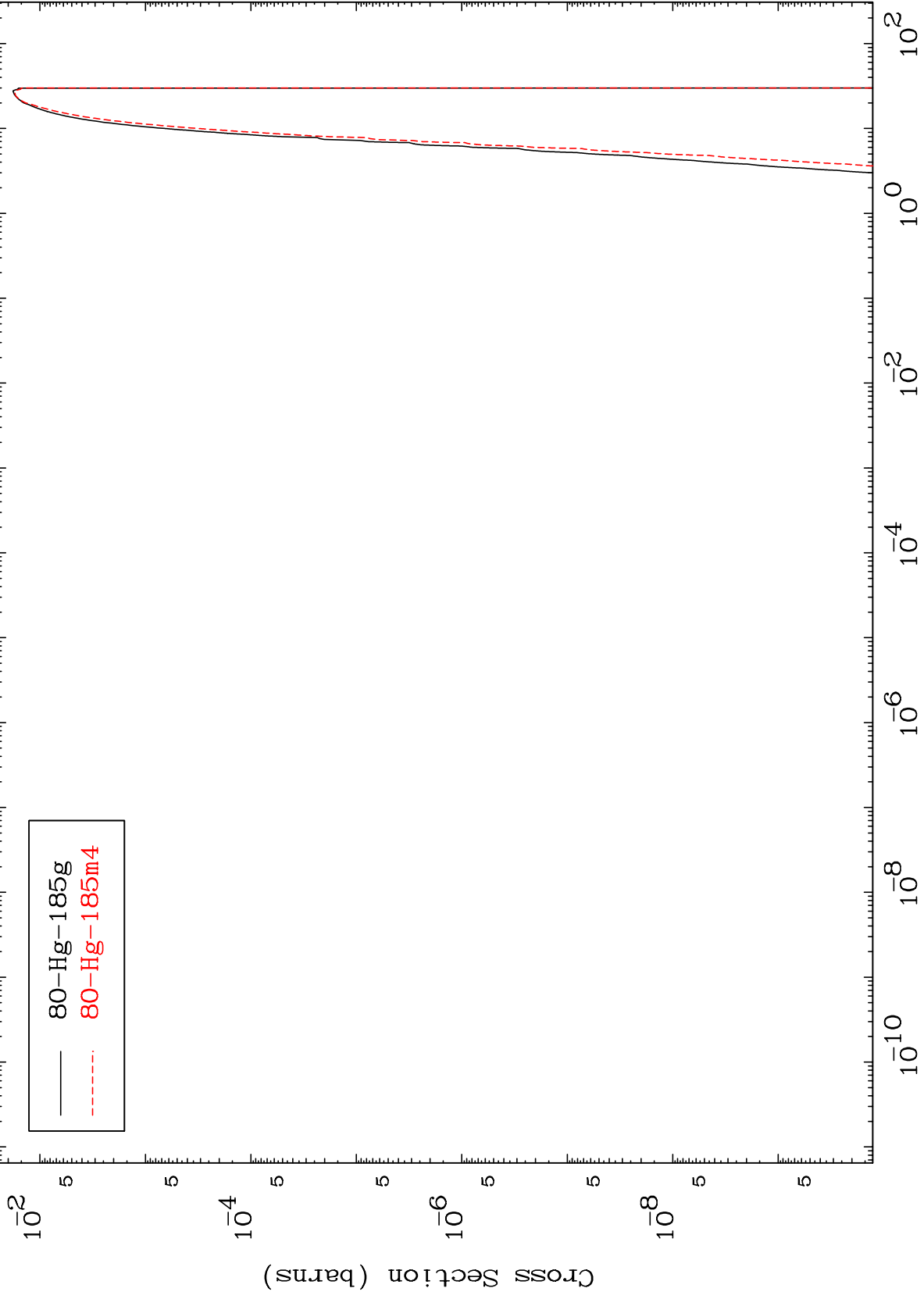
Incident Energy (MeV)

MAT 8074

(n,d)

81-Tl-186

Radionuclide Production Cross Section



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

Incident Energy (MeV)

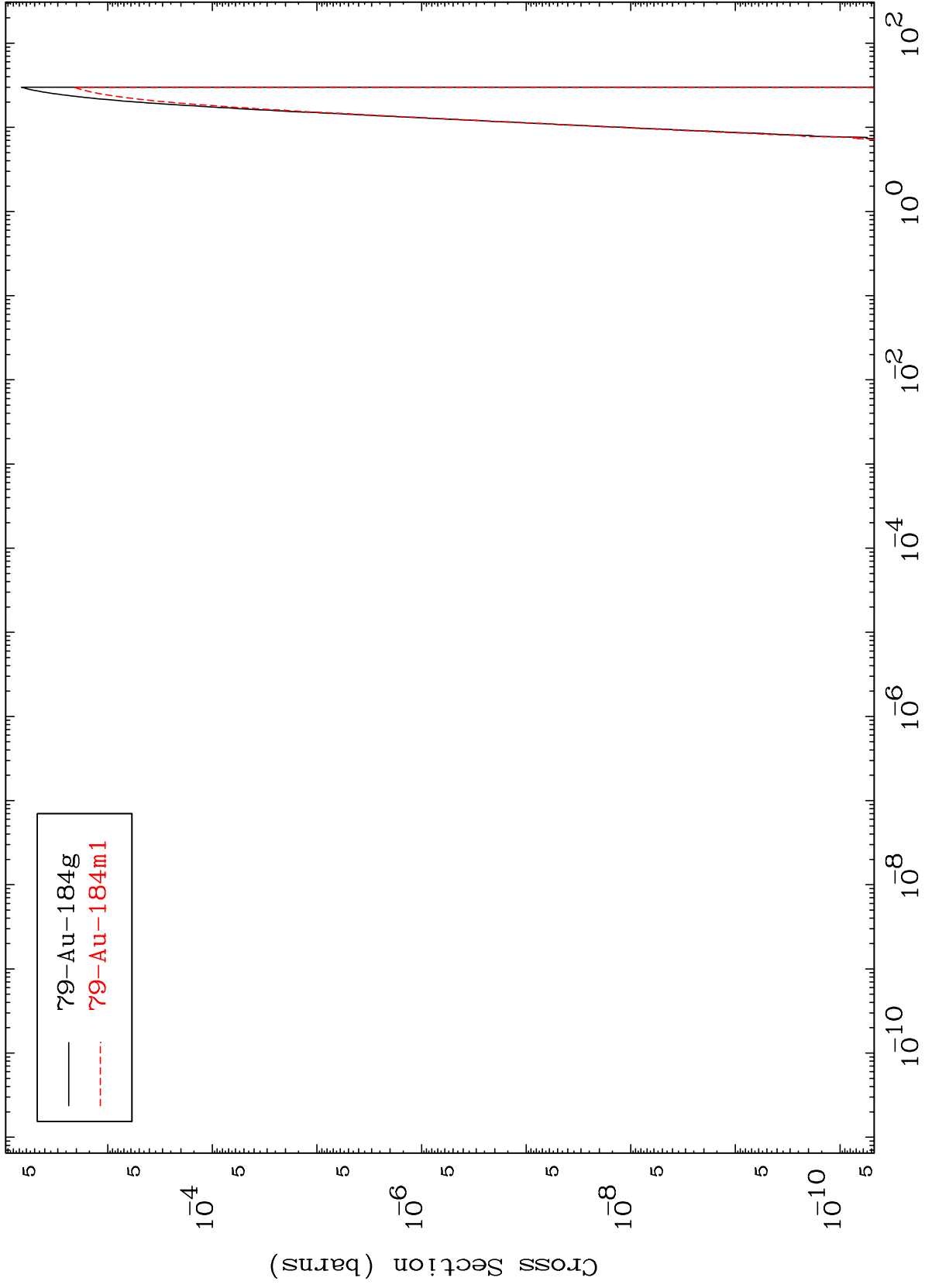
81-Tl-186

MAT 8074

(n,He-3)

81-Tl-186

Radionuclide Production Cross Section



67

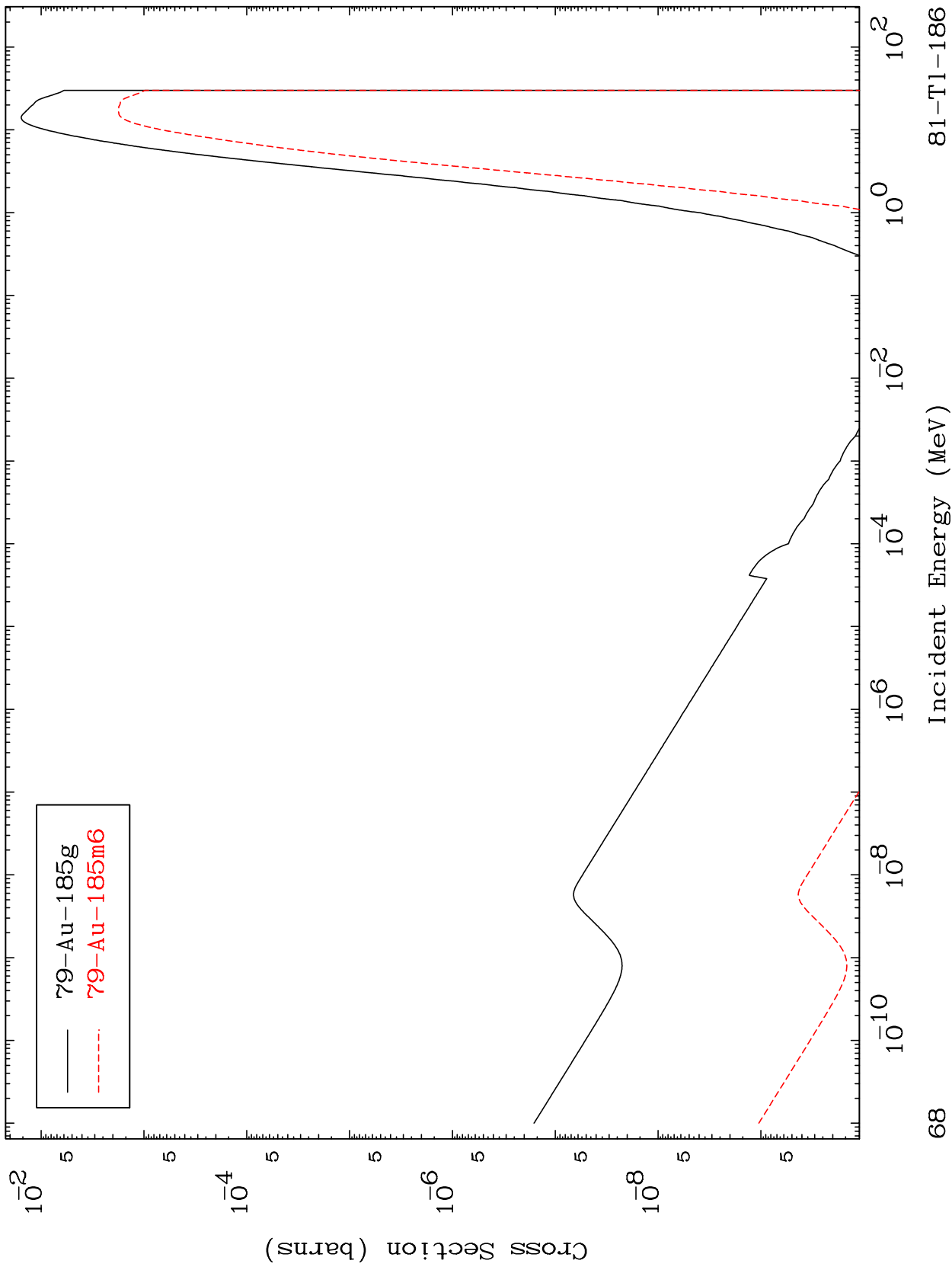
Incident Energy (MeV)

81-Tl-186

MAT 8074

81-Tl-186

(n,2p)  
Radionuclide Production Cross Section



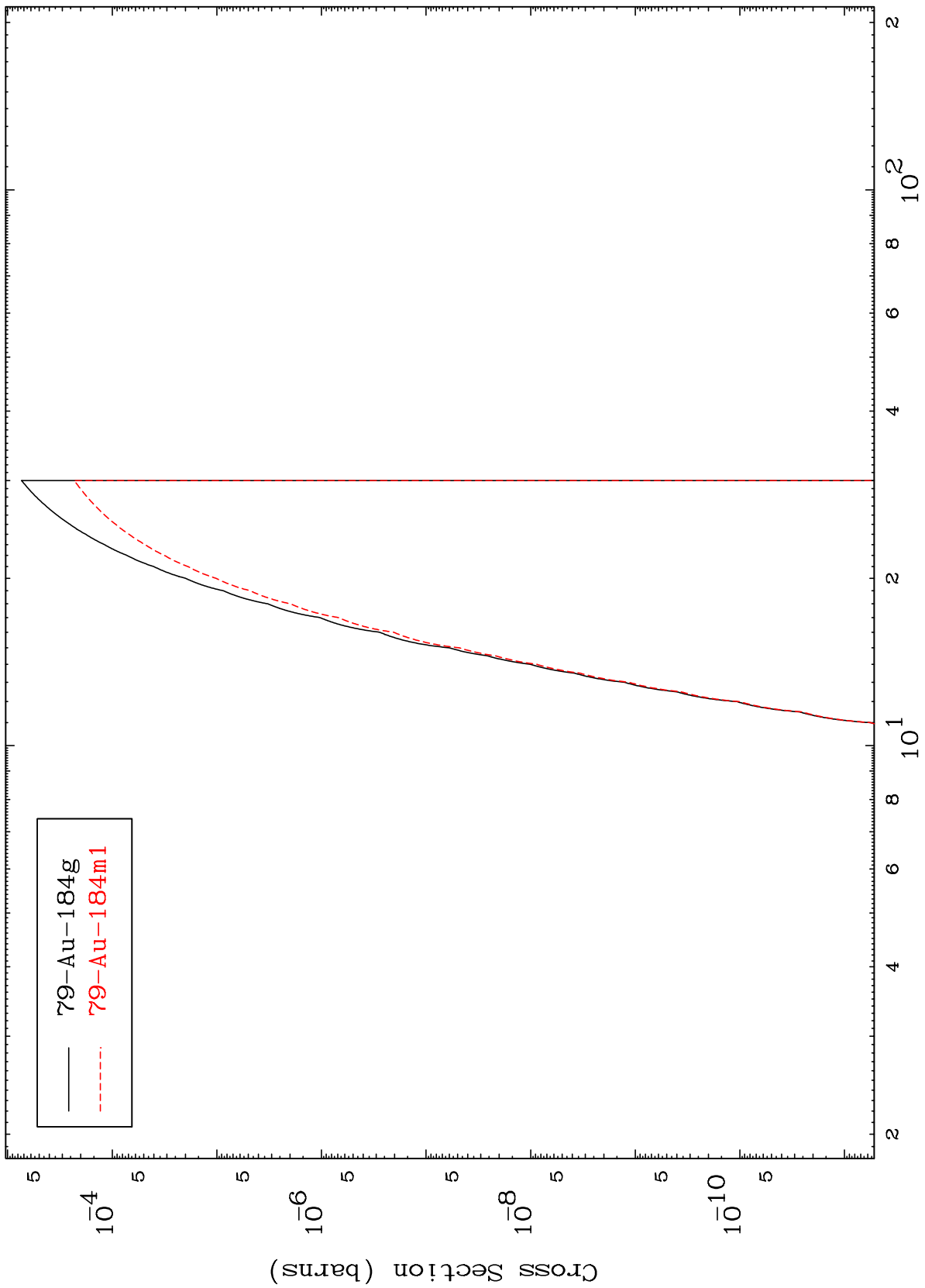
68

MAT 8074

(n,p) d

81-Tl-186

Radionuclide Production Cross Section



69

Incident Energy (MeV)

81-Tl-186