

Program EVALPLOT  
(Version 2018-1)

by

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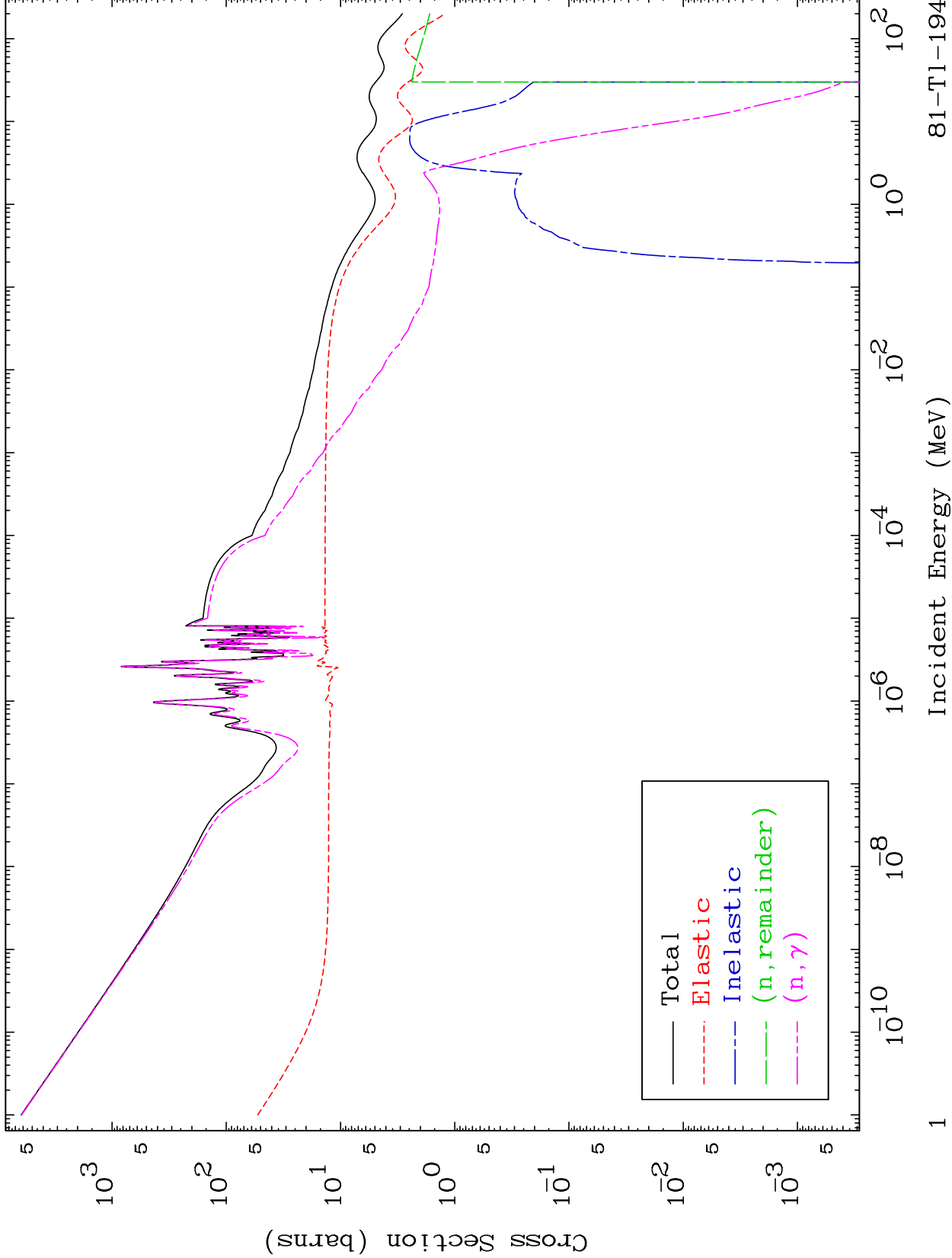
Press Mouse Button to Start

MAT 8098

Major

293 Kelvin Cross Sections

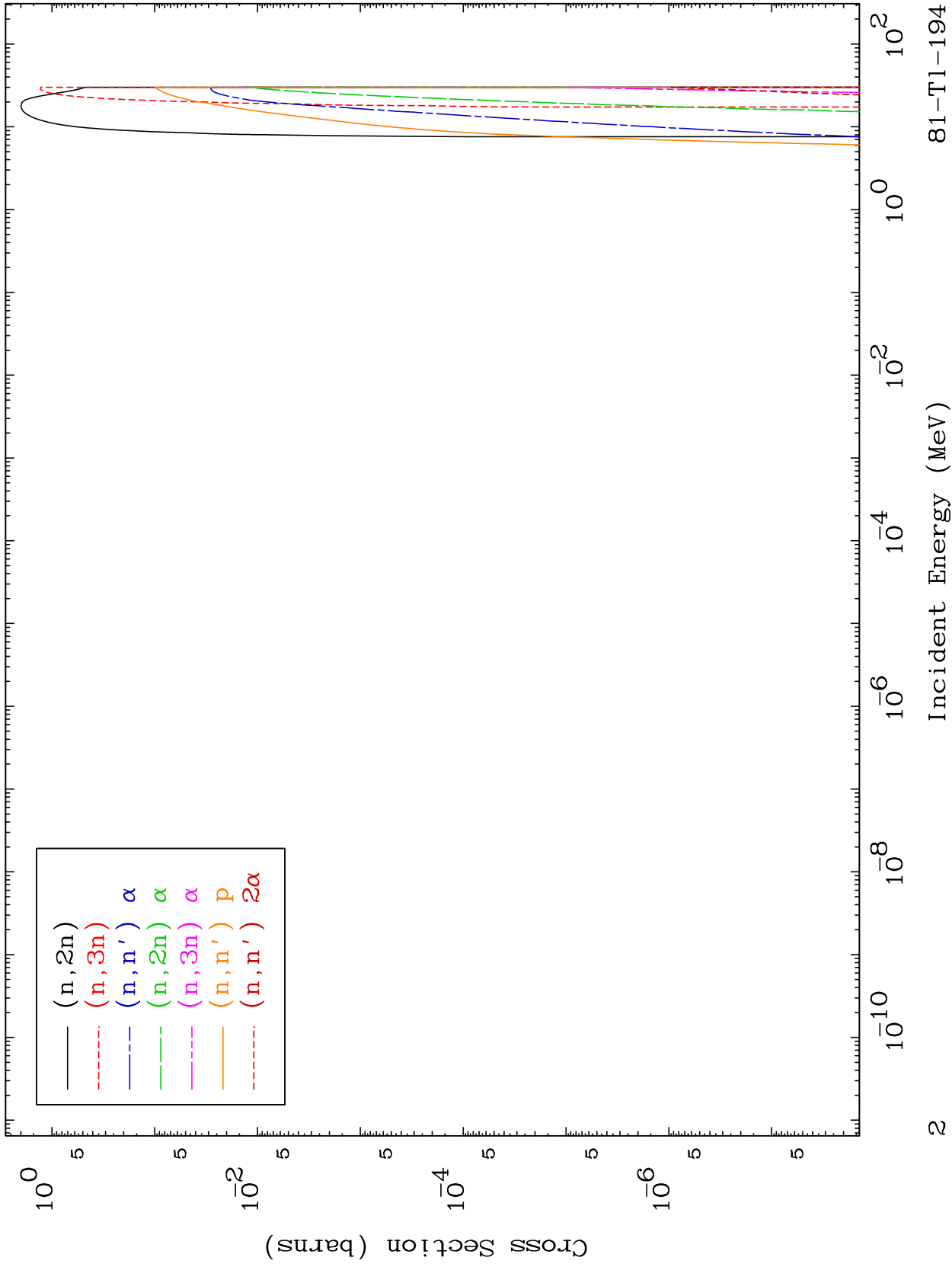
81-Tl-194



MAT 8098

Neutron Production  
293 Kelvin Cross Sections

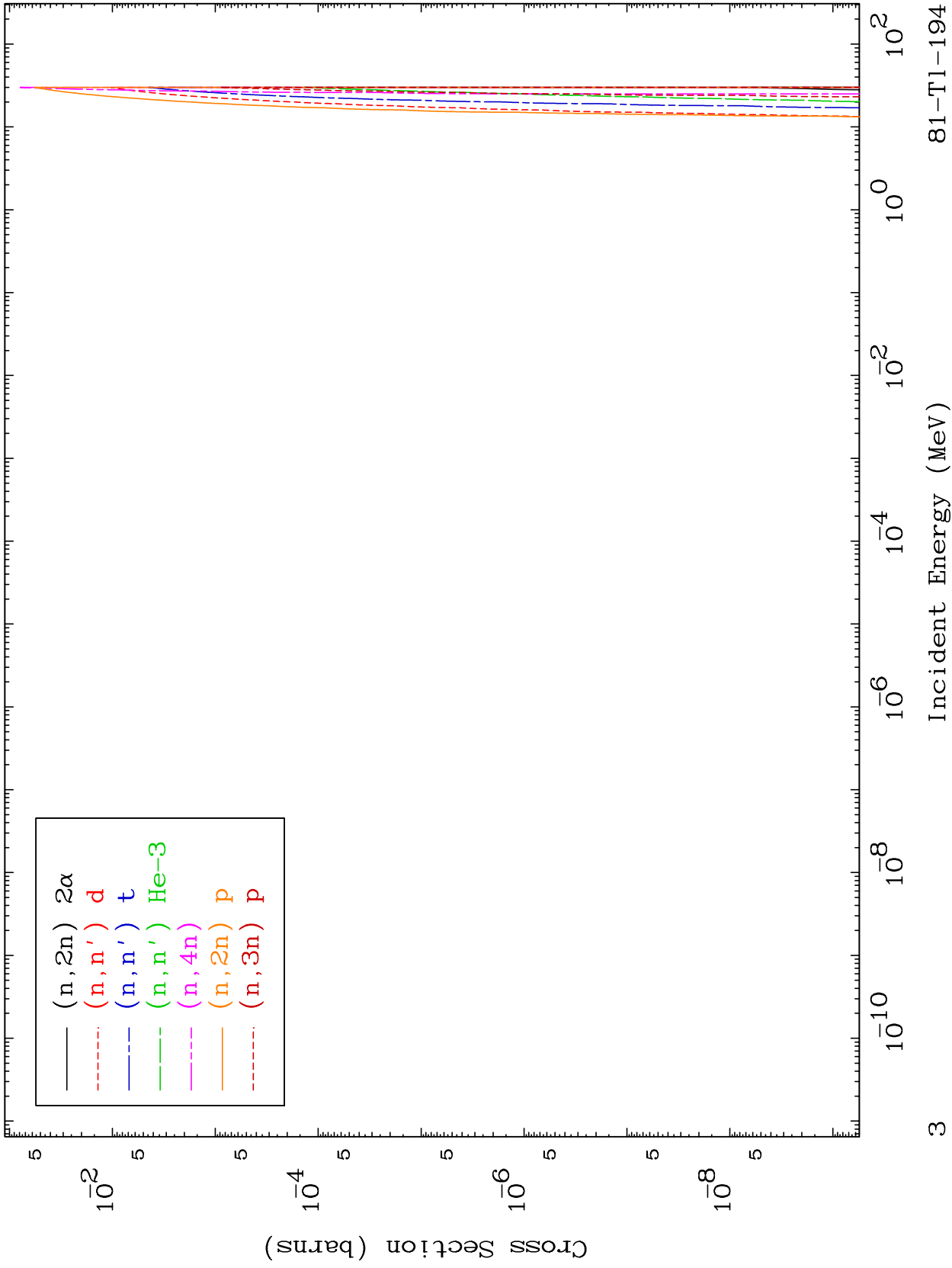
81-Tl-194



MAT 8098

Neutron Production  
293 Kelvin Cross Sections

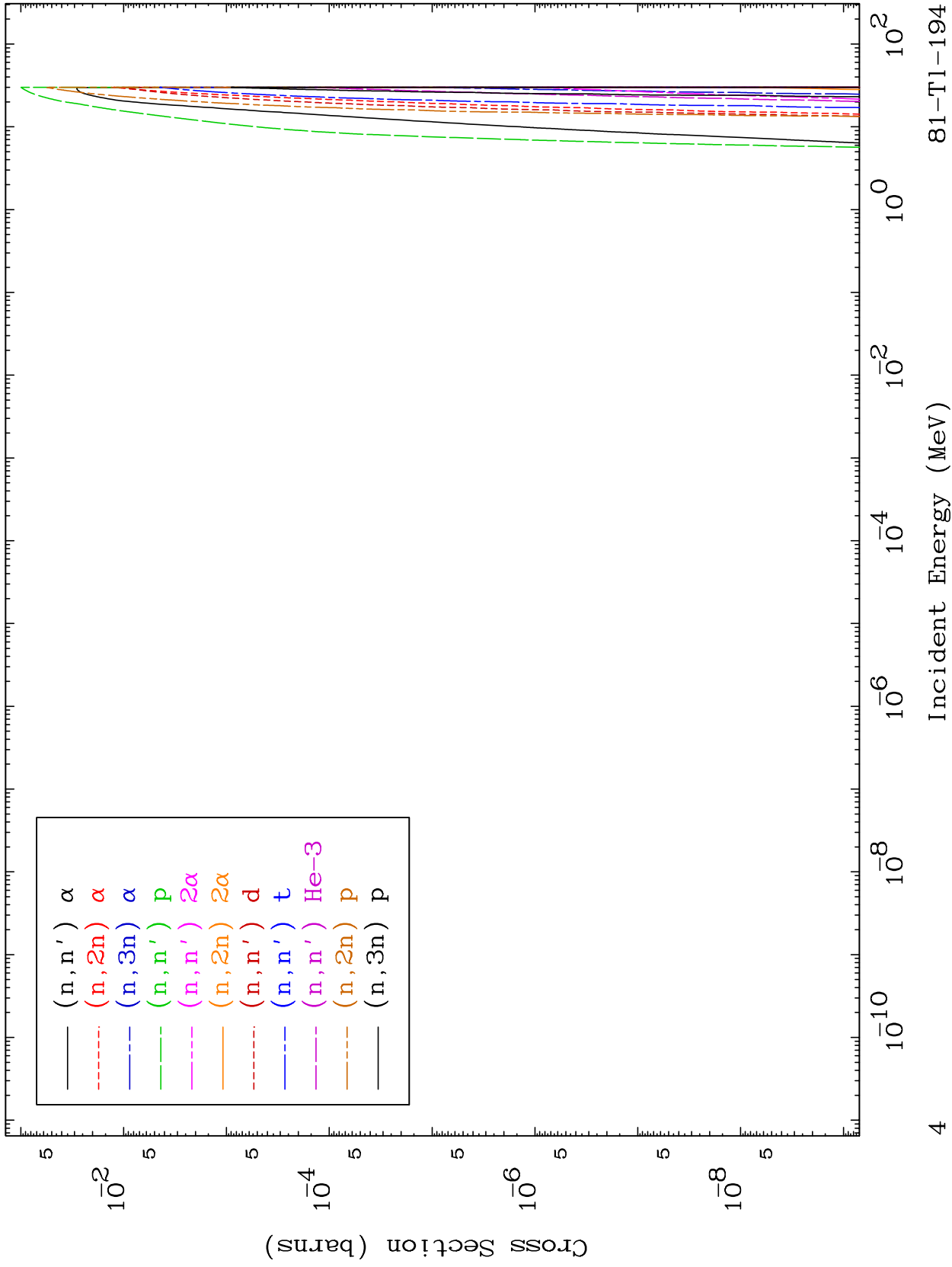
81-Tl-194



MAT 8098

Charged Particle  
293 Kelvin Cross Sections

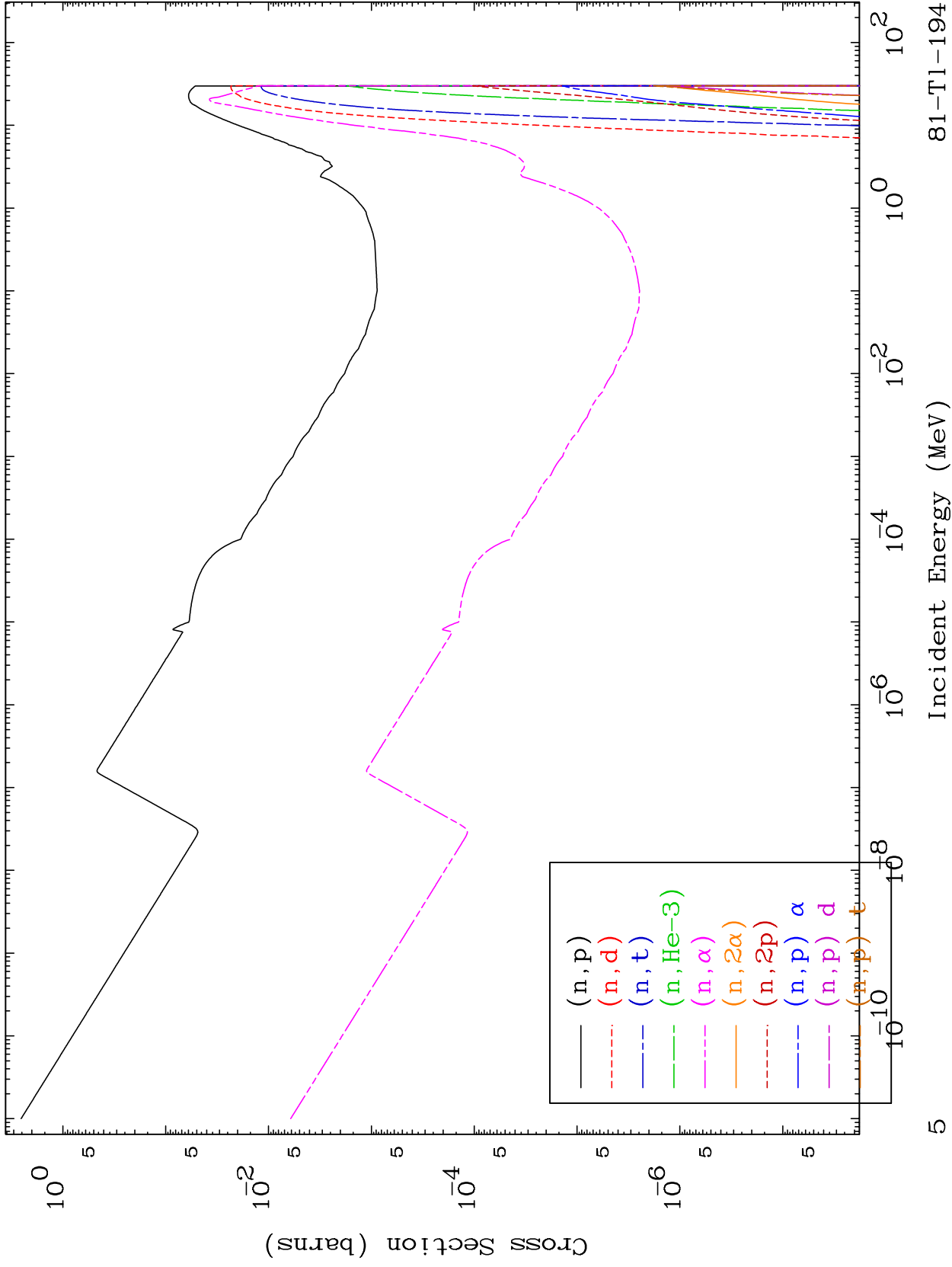
81-Tl-194

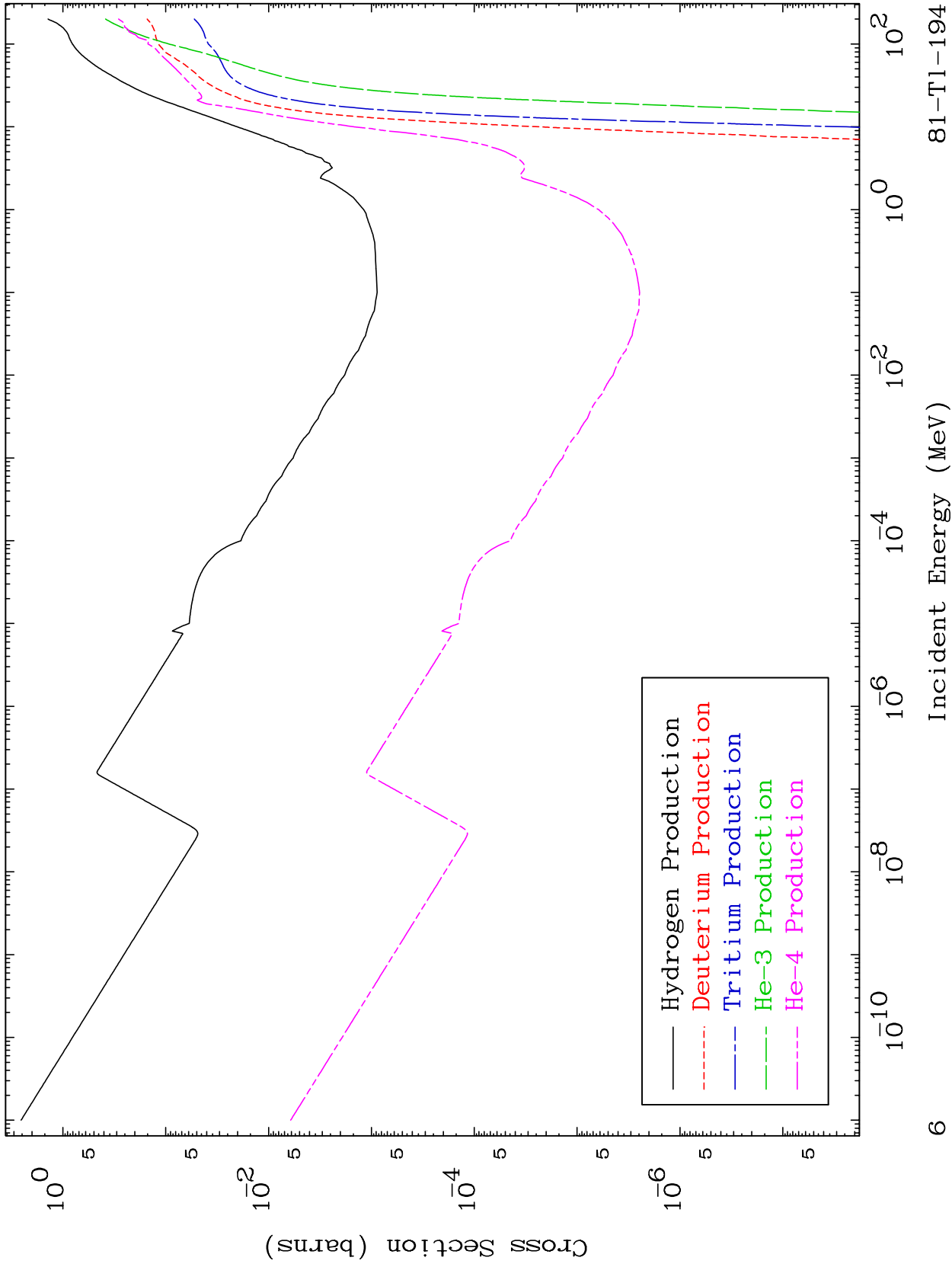


MAT 8098

Charged Particle  
293 Kelvin Cross Sections

81-Tl-194



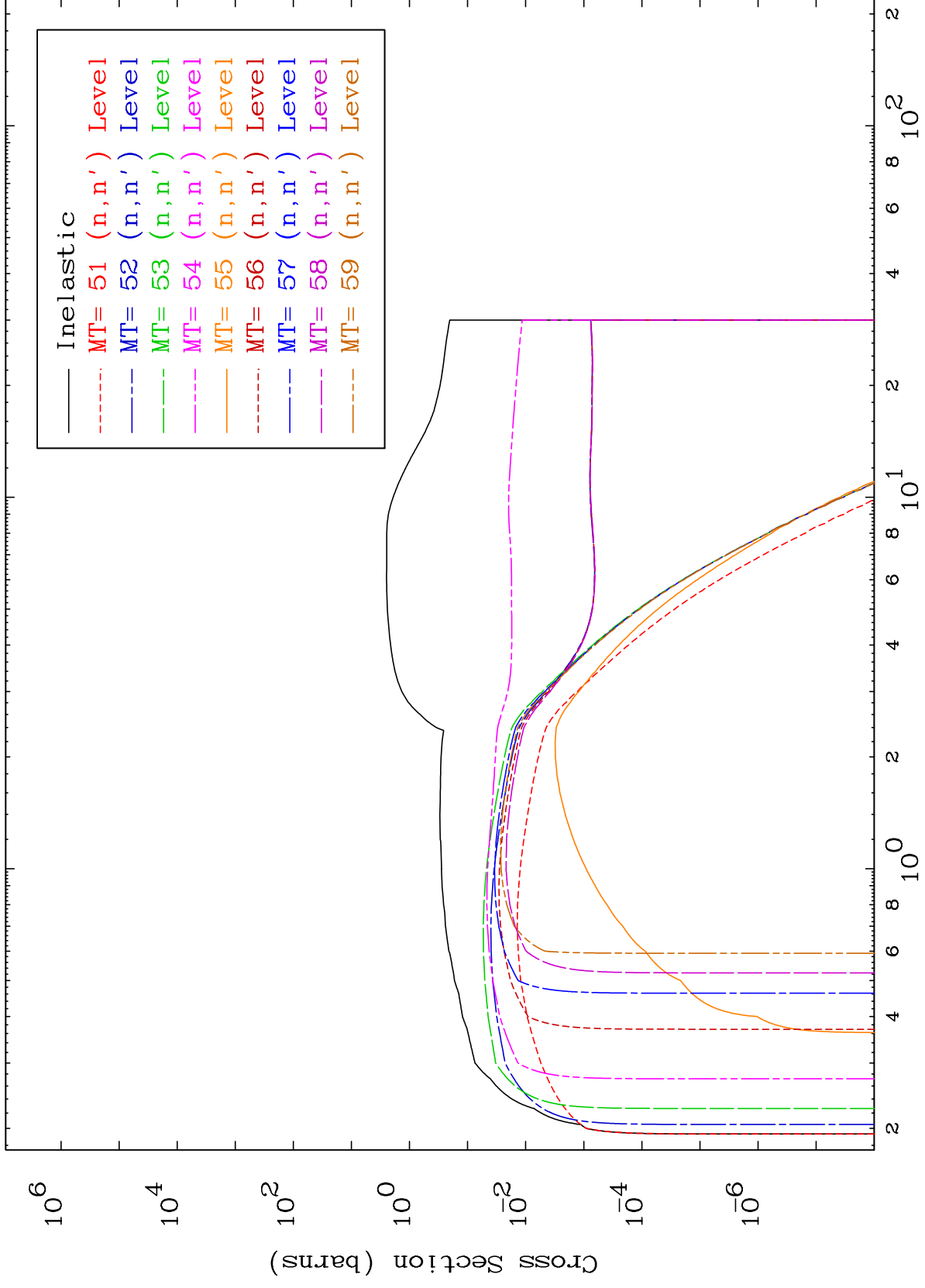


MAT 8098

(n,n') Level

81-Tl-194

293 Kelvin Cross Sections



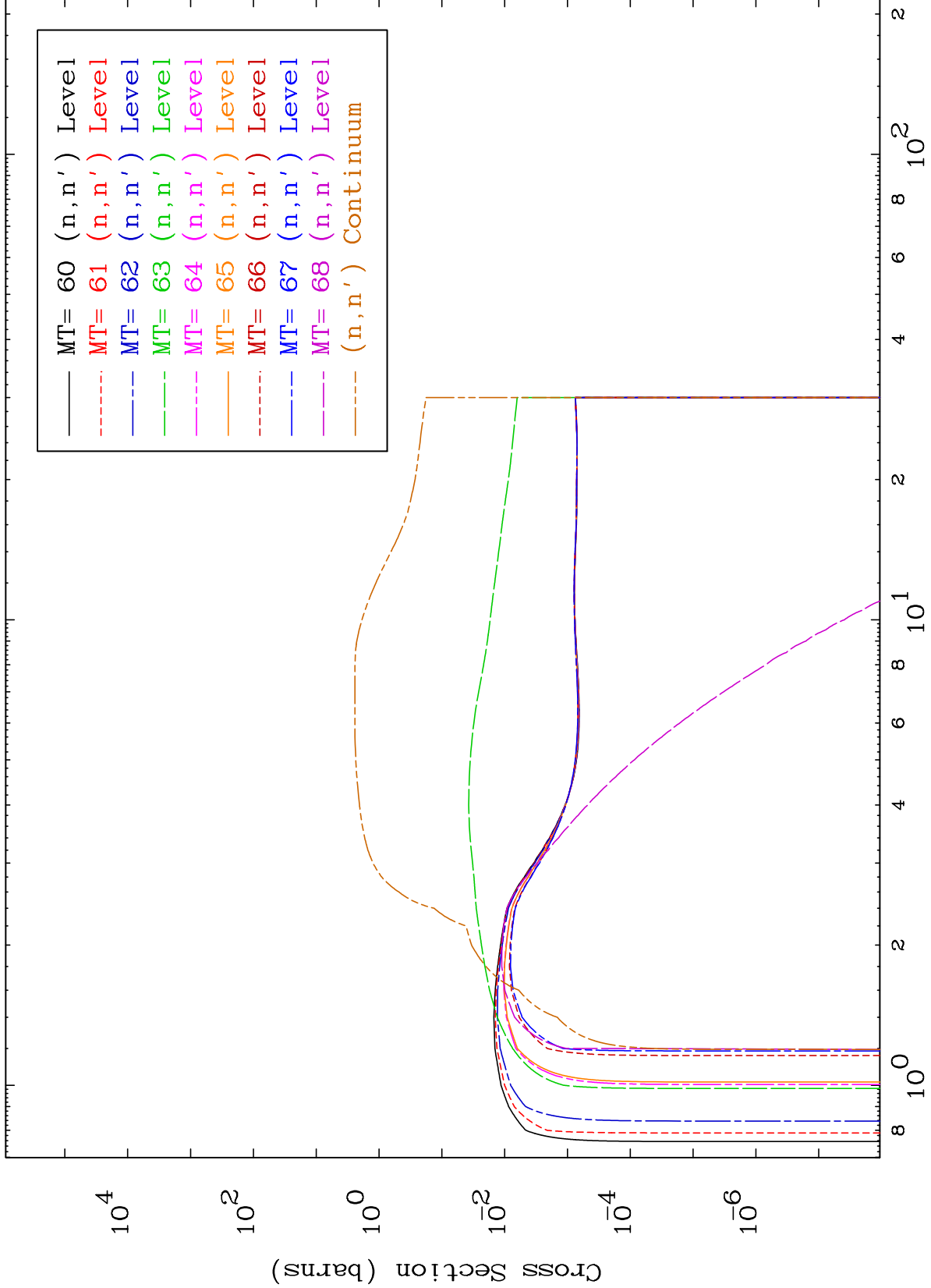


MAT 8098

(n,n') Level

81-Tl-194

293 Kelvin Cross Sections



8

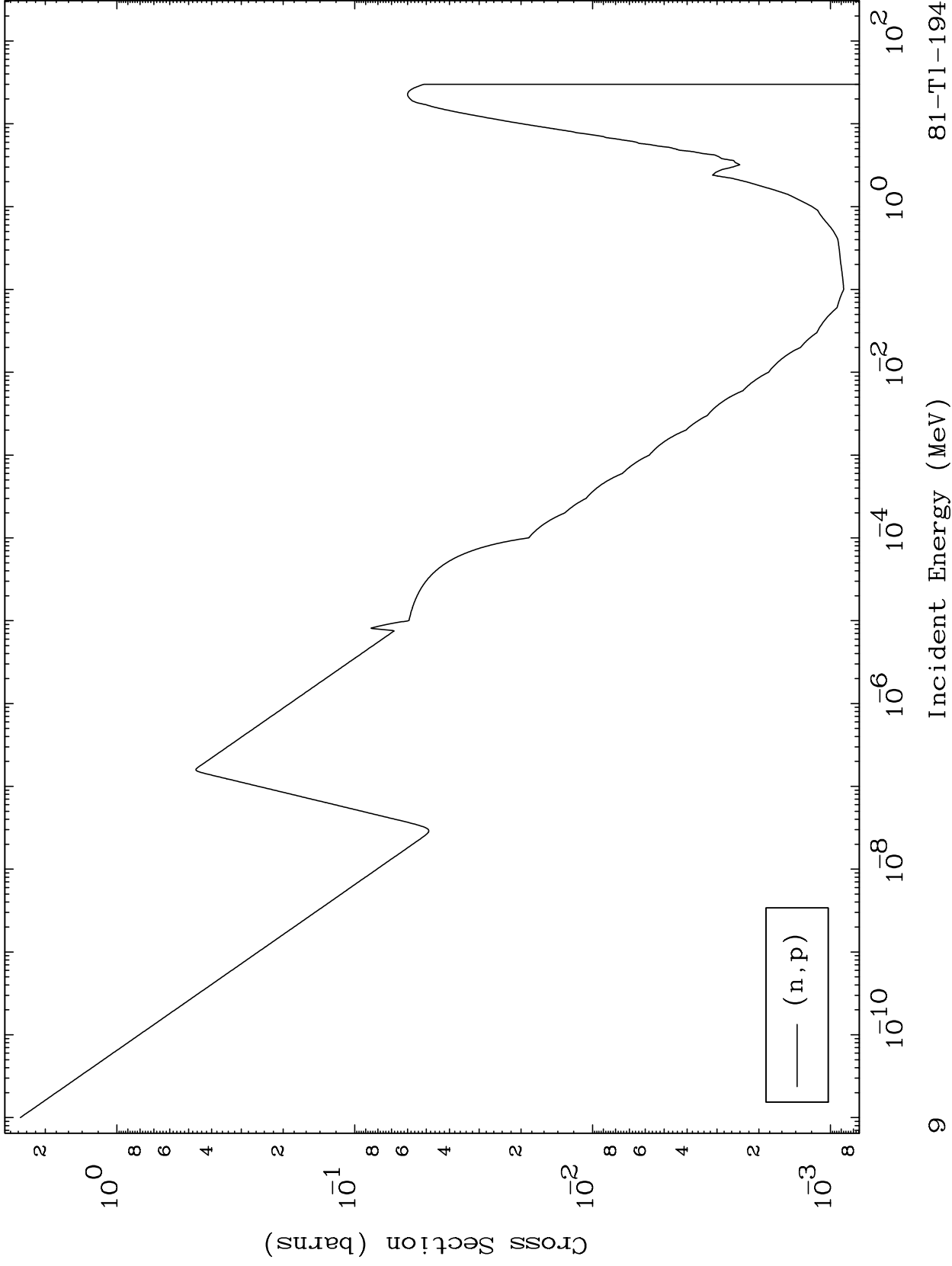
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,p) Levels  
293 Kelvin Cross Sections

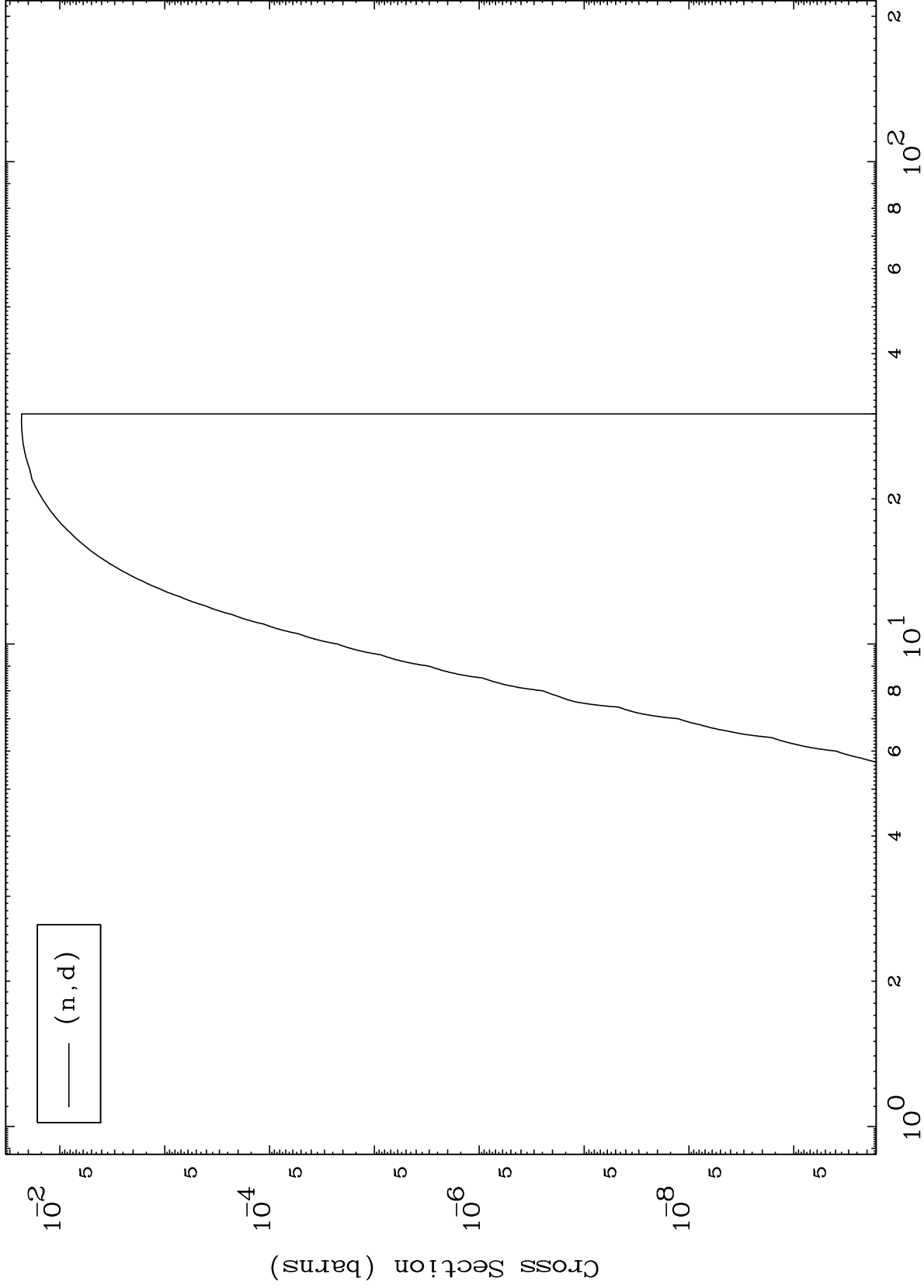
81-Tl-194



MAT 8098

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-194



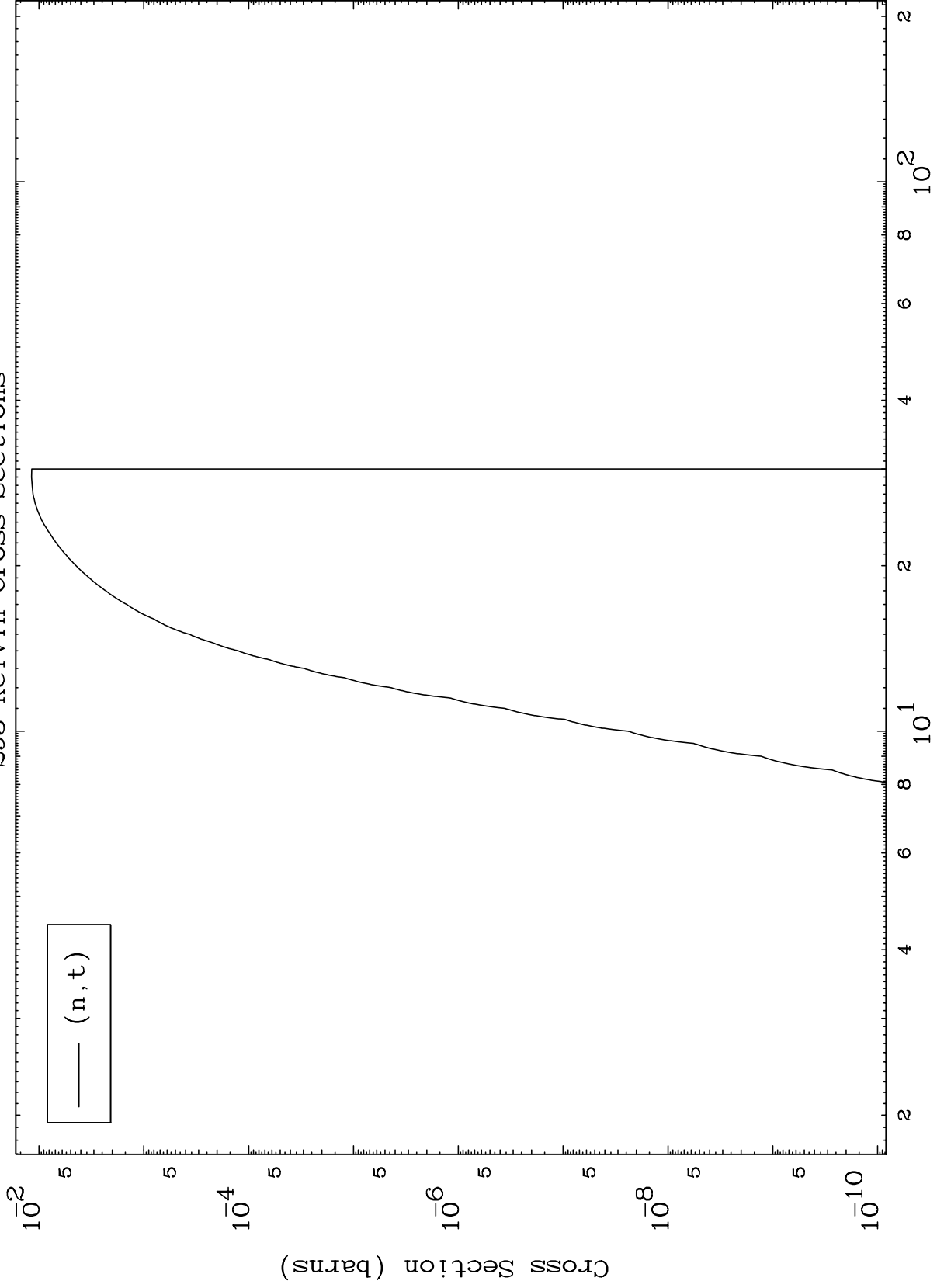
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-194



11

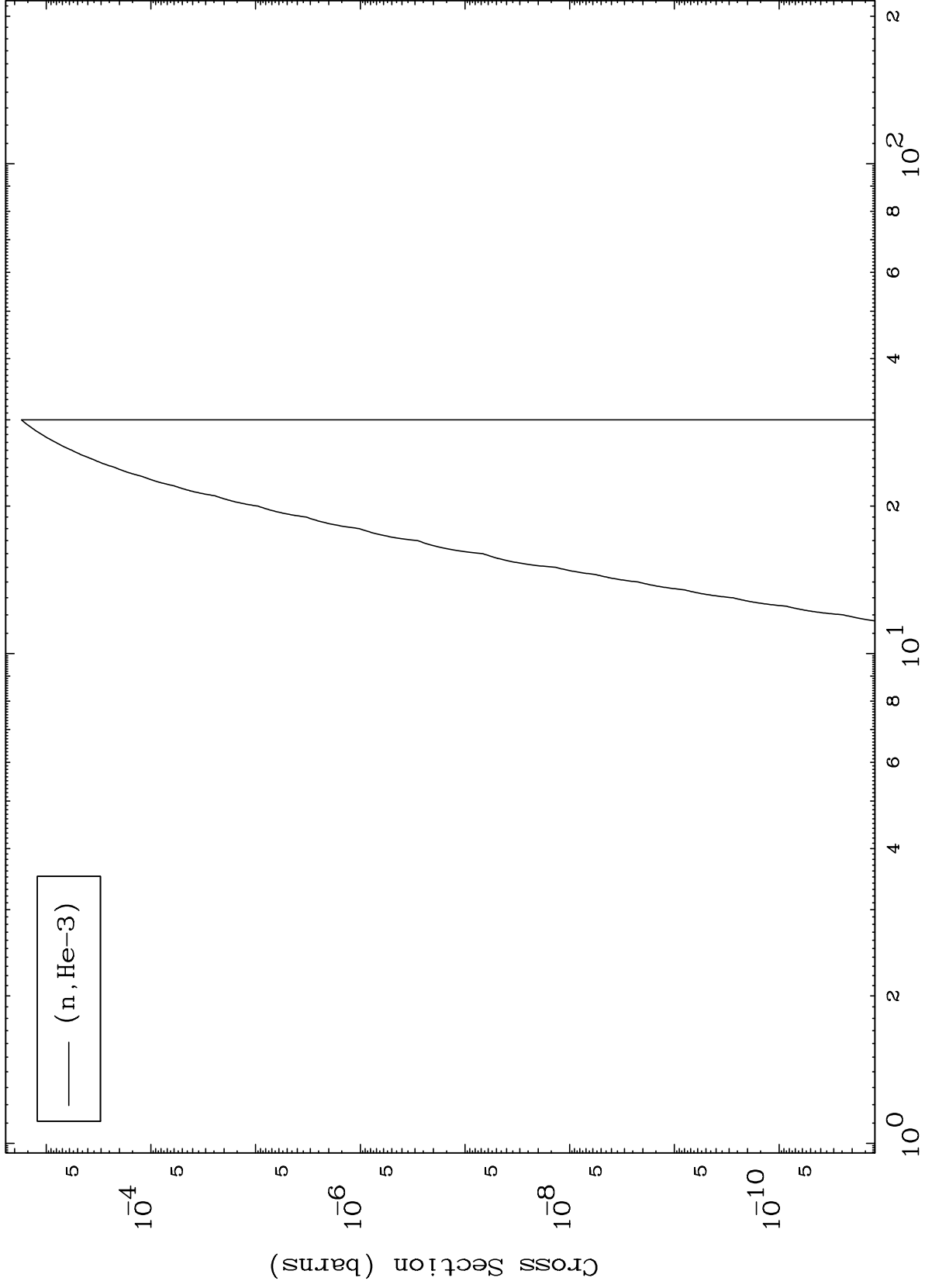
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,He3) Levels  
293 Kelvin Cross Sections

81-Tl-194



12

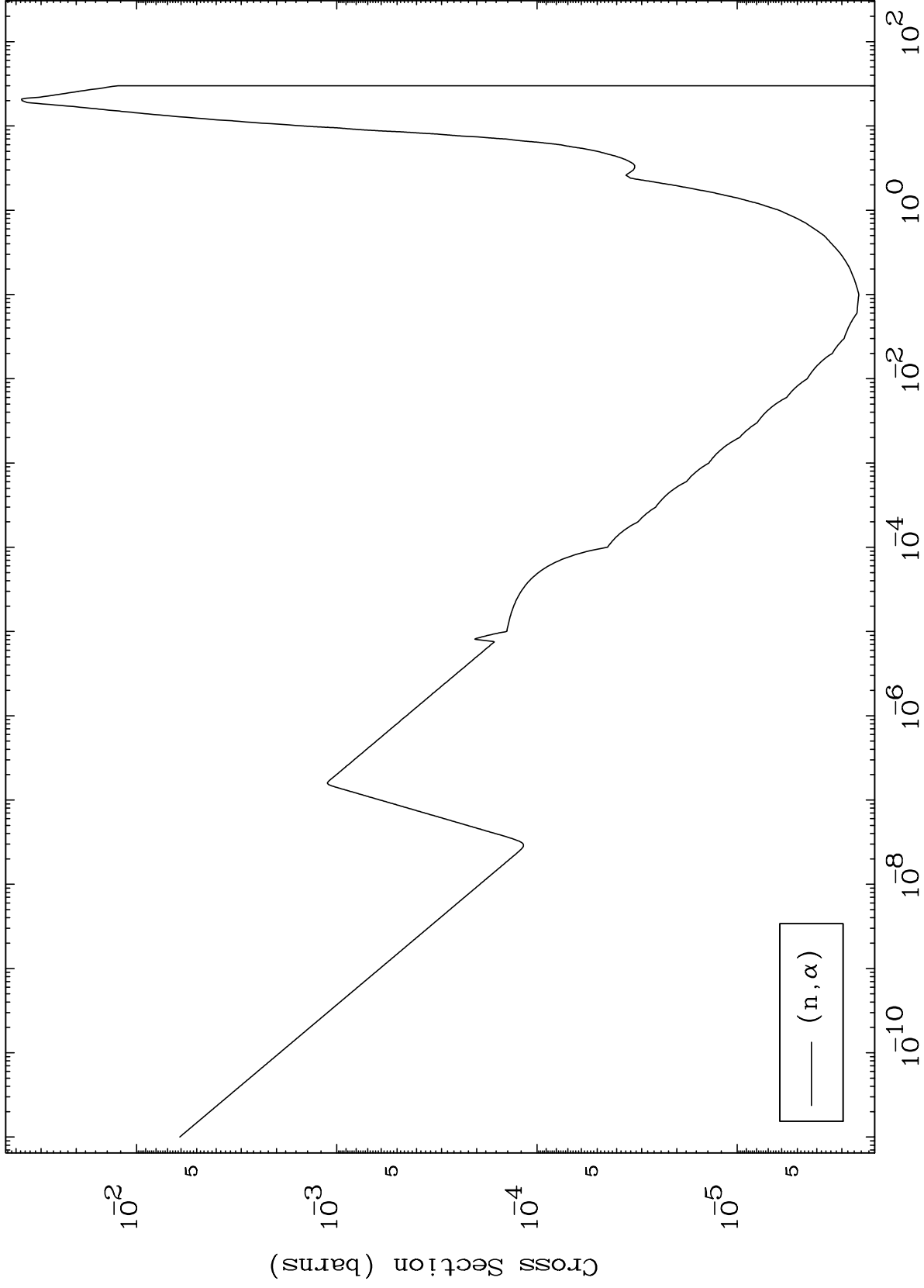
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,α) Levels  
293 Kelvin Cross Sections

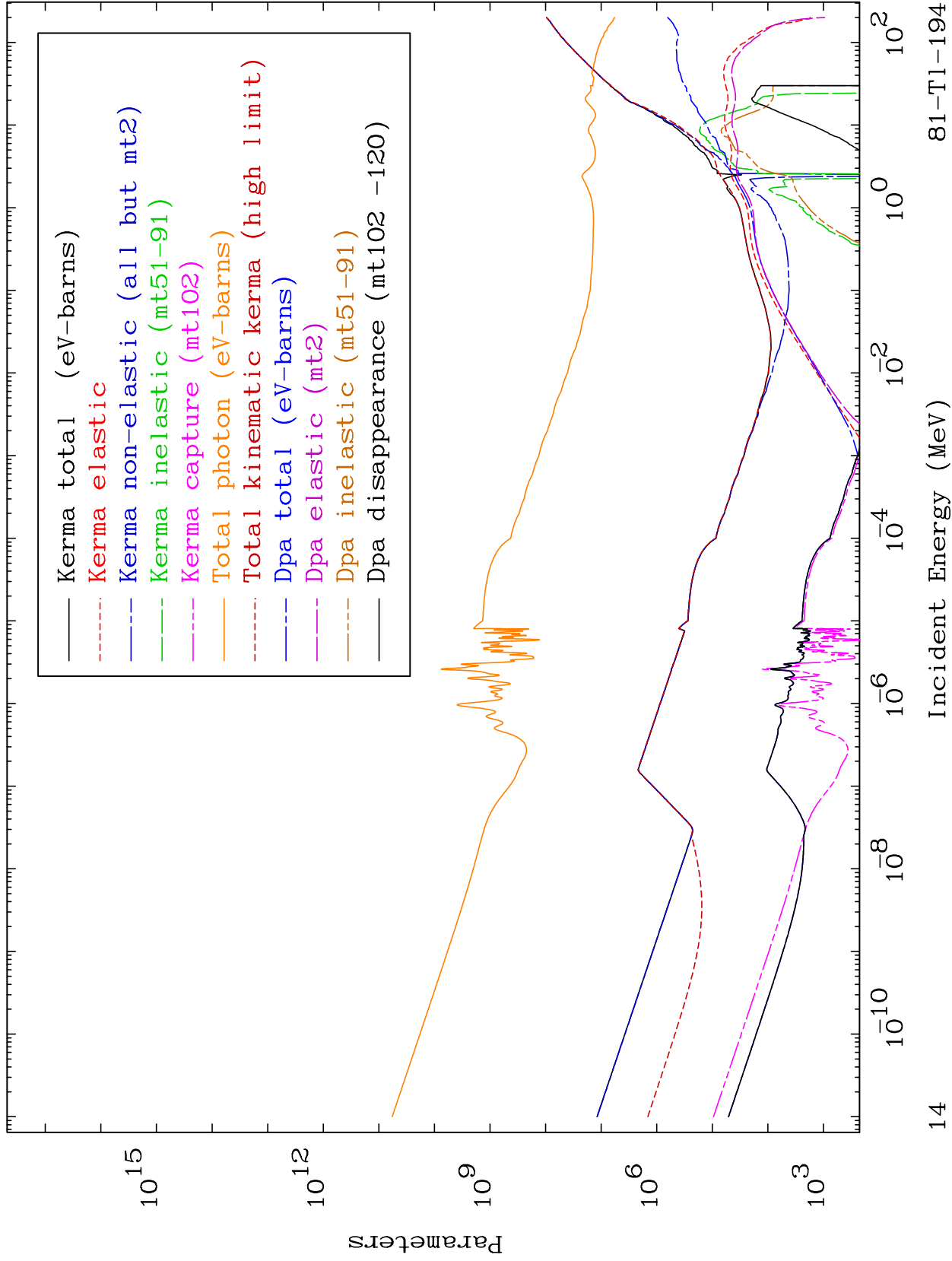
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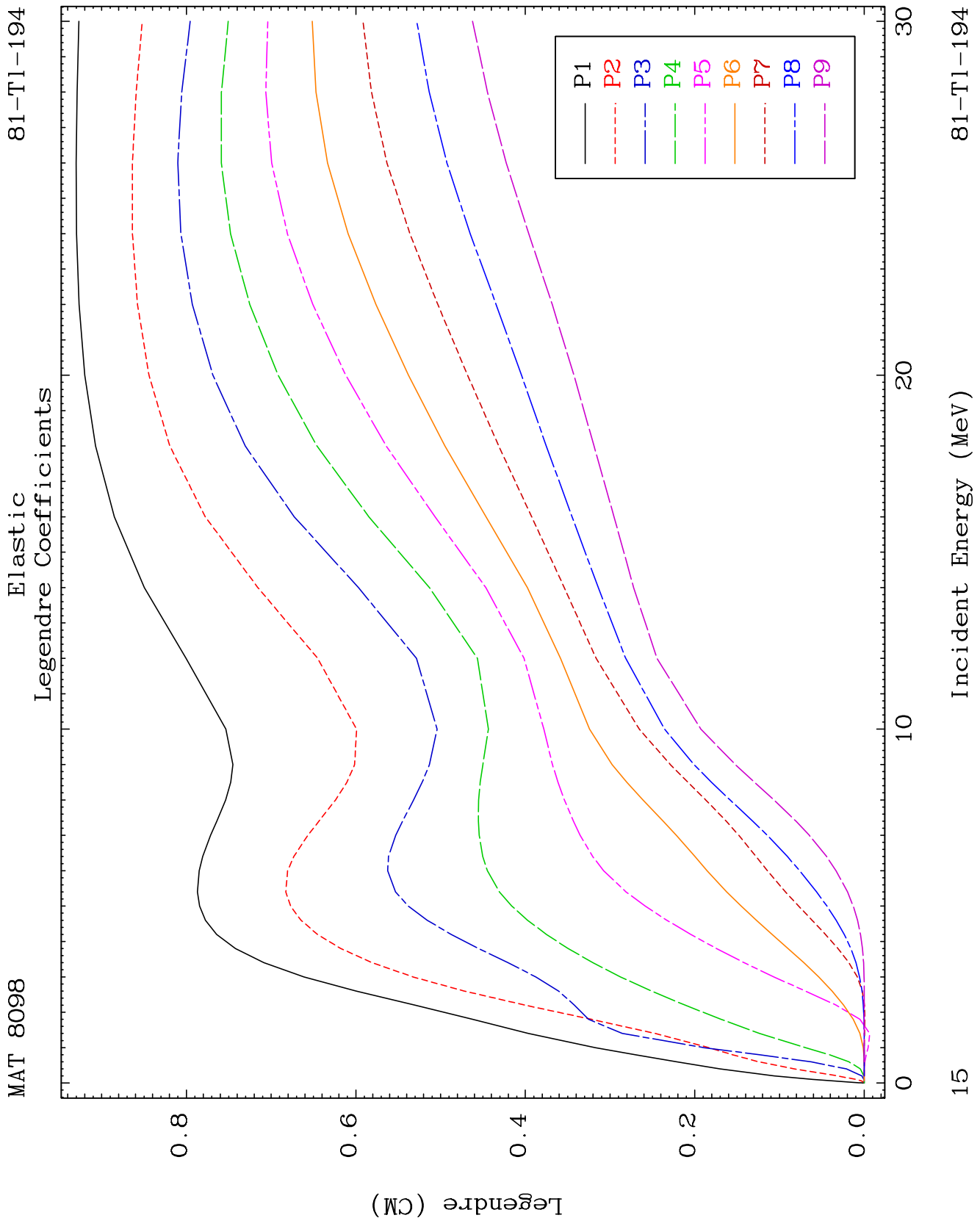


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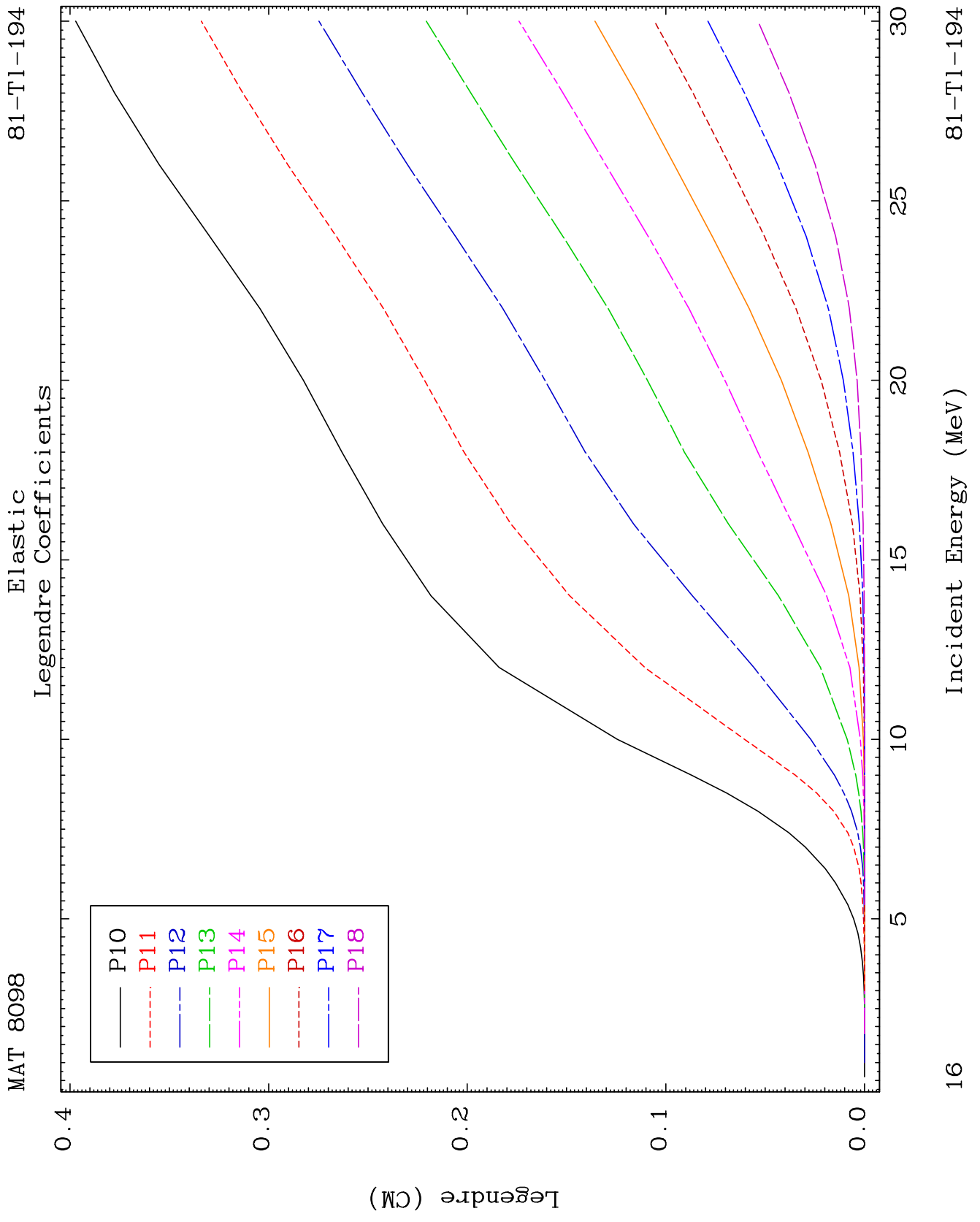
Incident Energy (MeV)

81-Tl-194









81-Tl-194

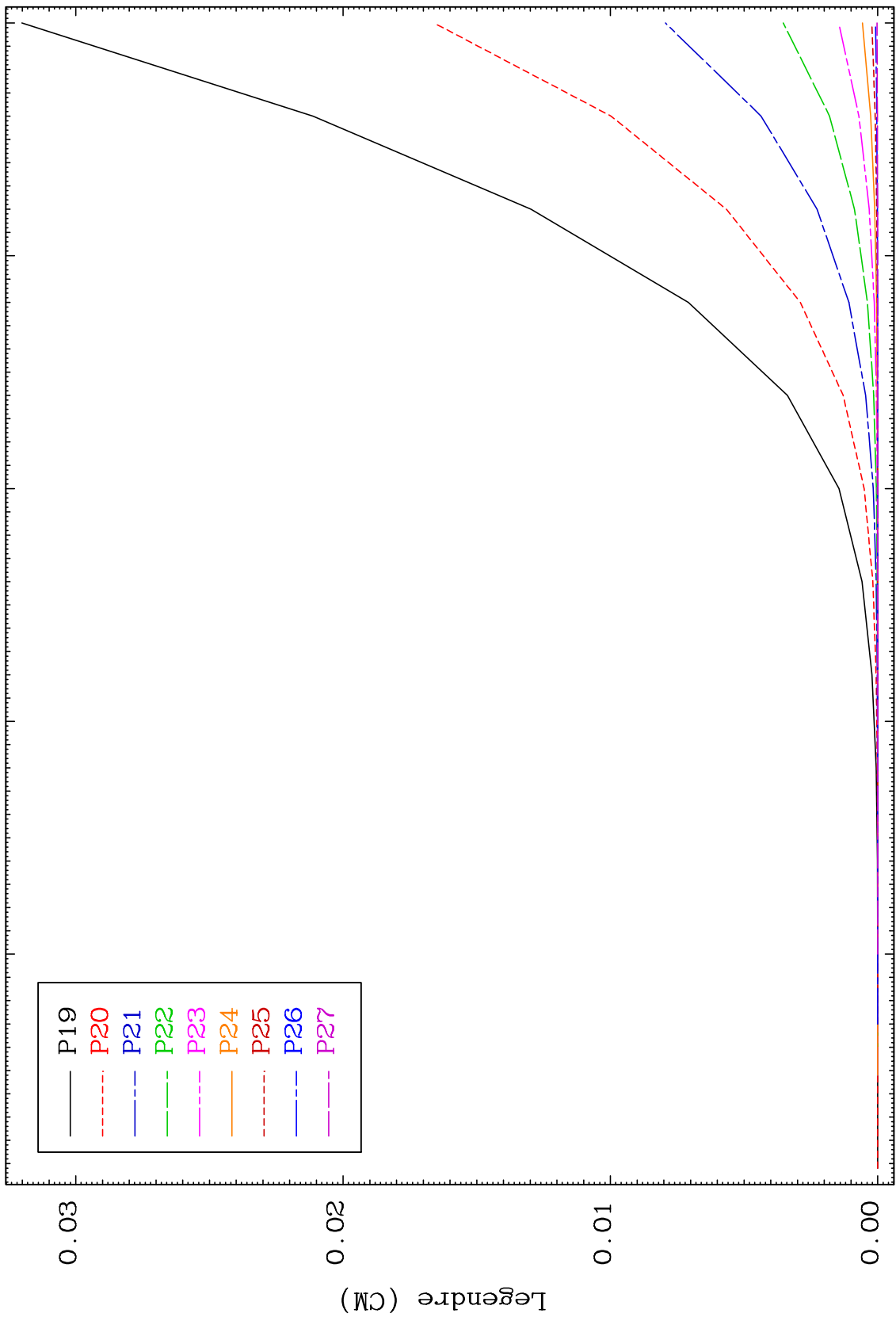
81-Tl-194

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MAT 8098

### Elastic Legendre Coefficients

81-Tl-194



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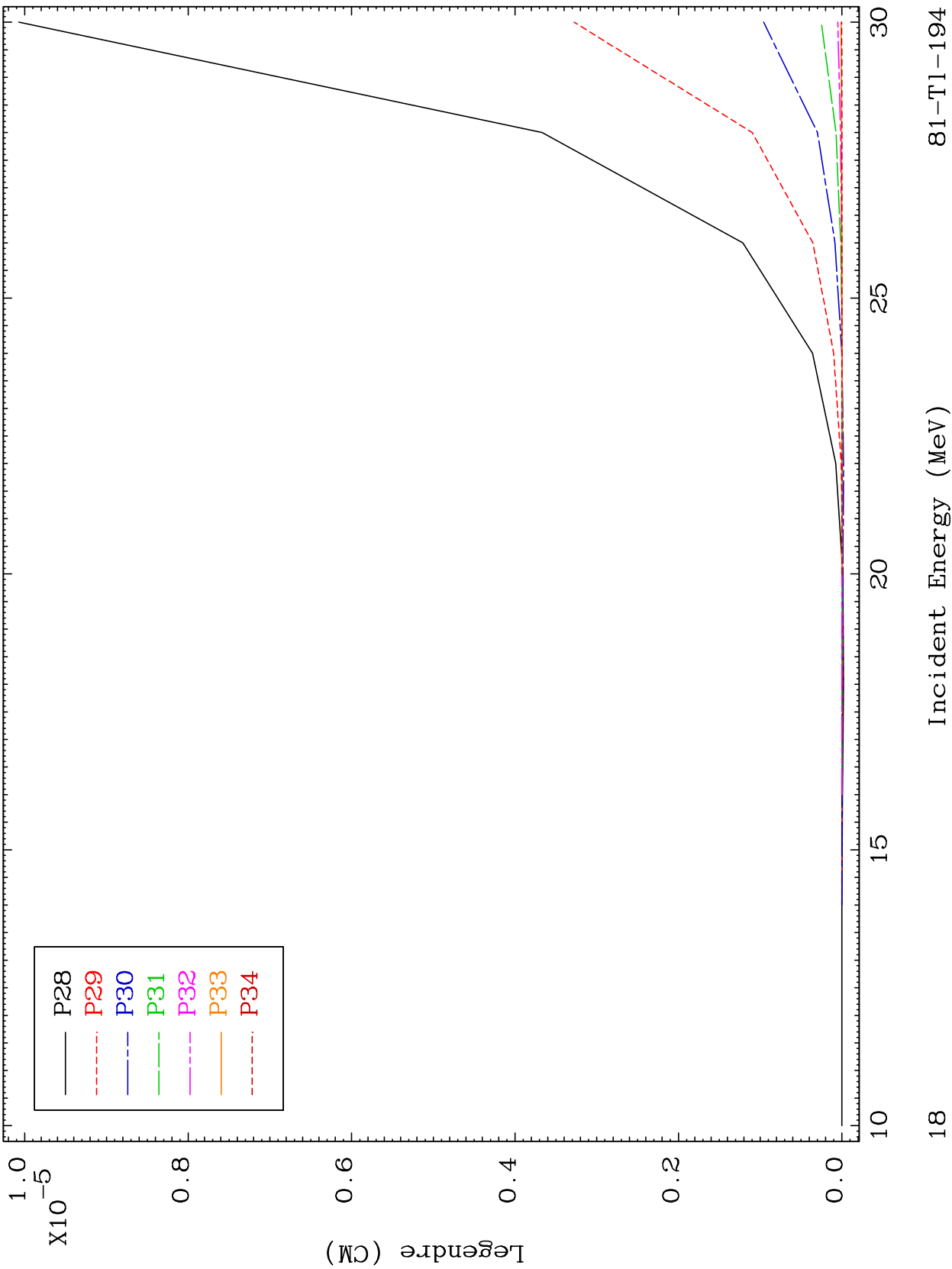
Incident Energy (MeV)

81-Tl-194

MAT 8098

Elastic Legendre Coefficients

81-Tl-194



81-Tl-194

Incident Energy (MeV)

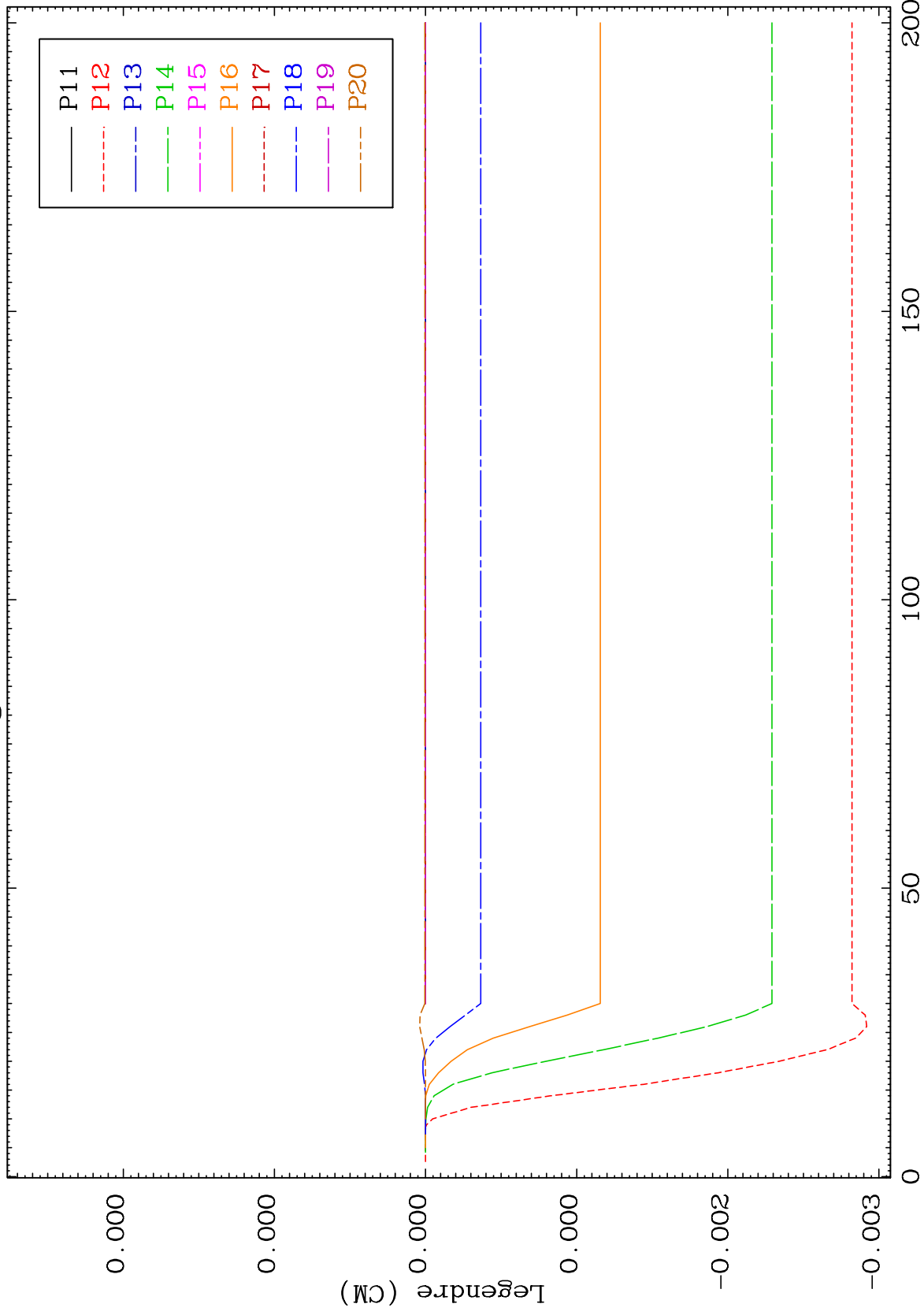
18



MAT 8098

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

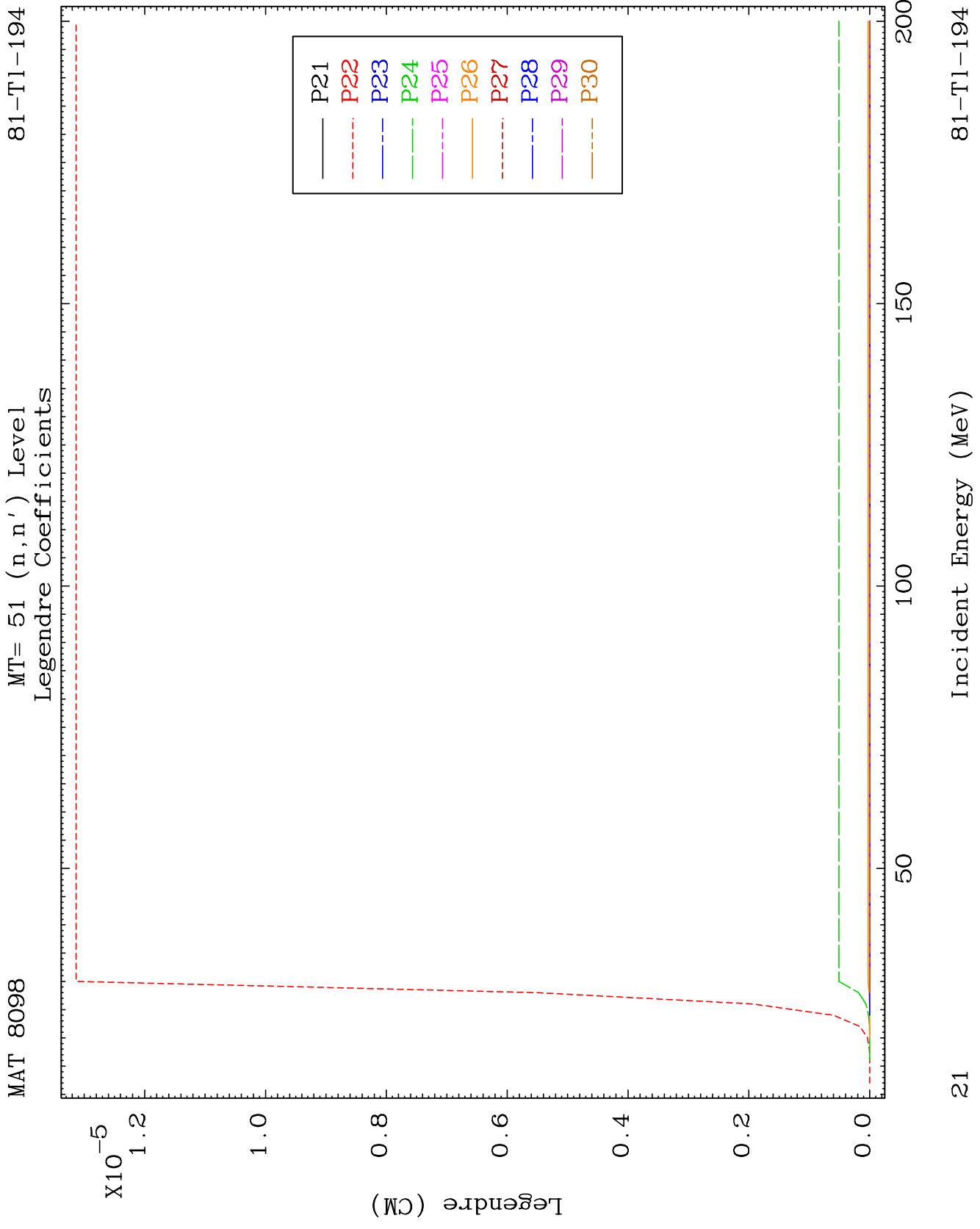
81-Tl-194



20

Incident Energy (MeV)

81-Tl-194

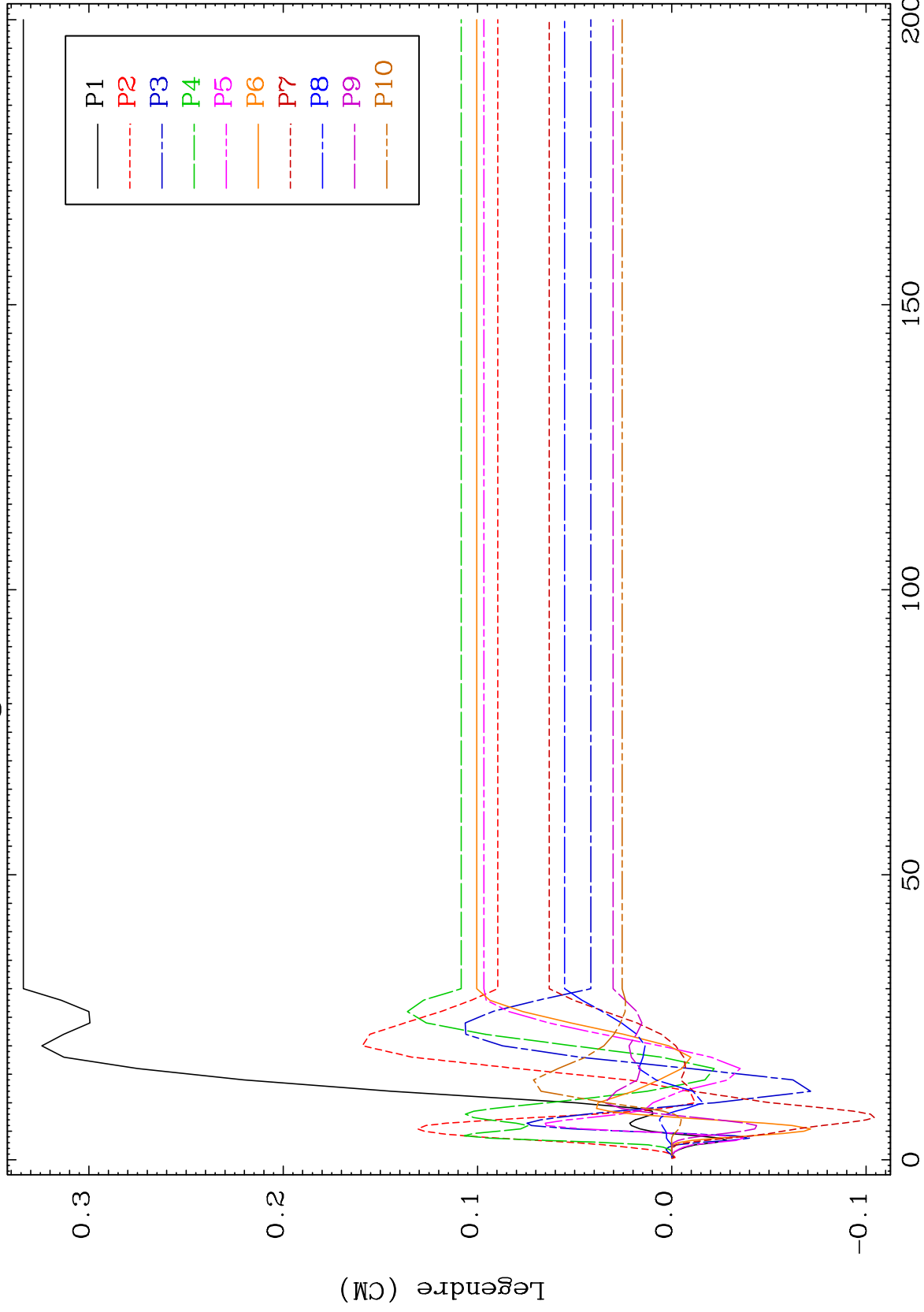


MAT 8098

MT= 52 (n,n') Level

81-Tl-194

Legendre Coefficients



22

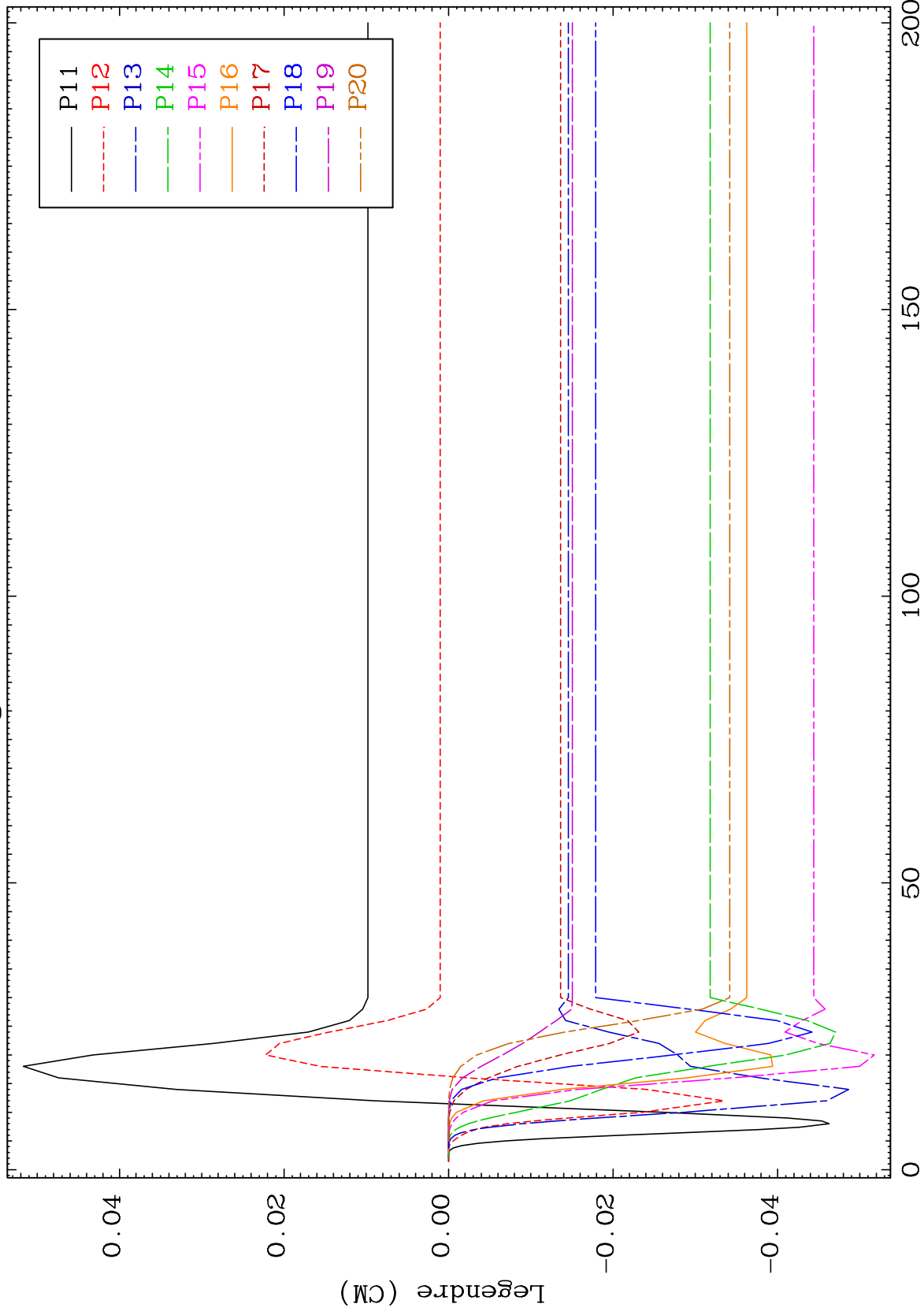
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



23

Incident Energy (MeV)

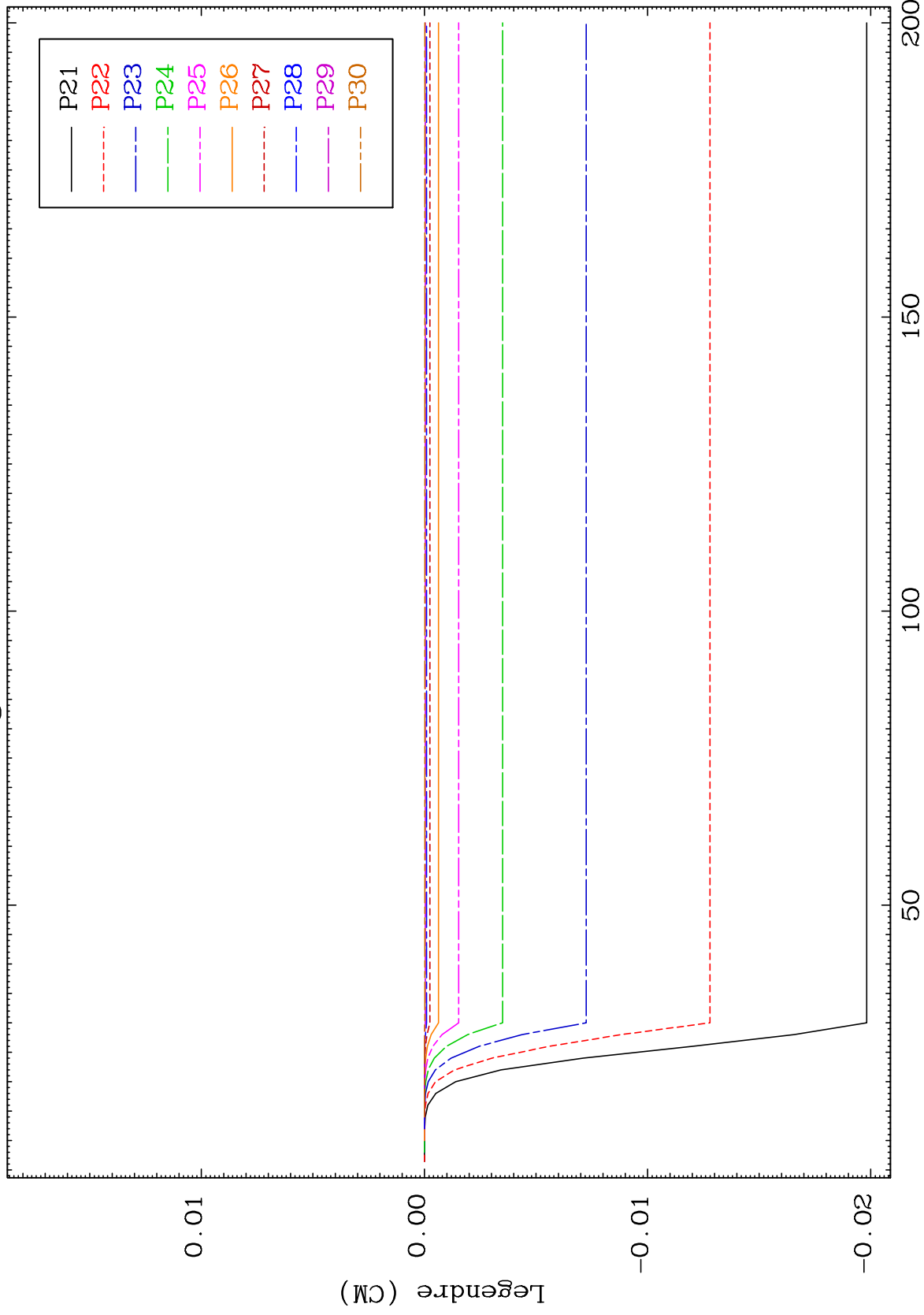
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MAT 8098

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

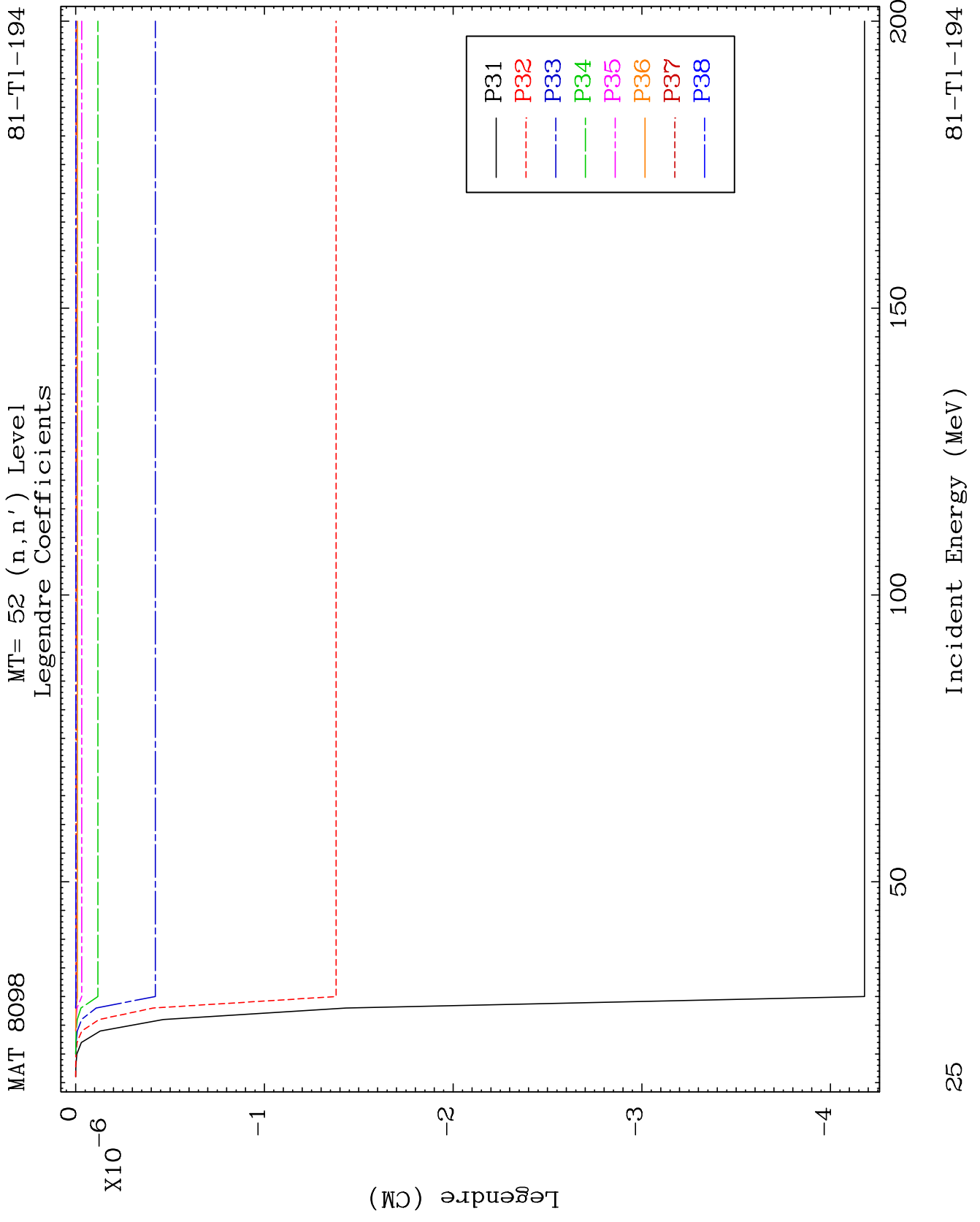
81-Tl-194



24

Incident Energy (MeV)

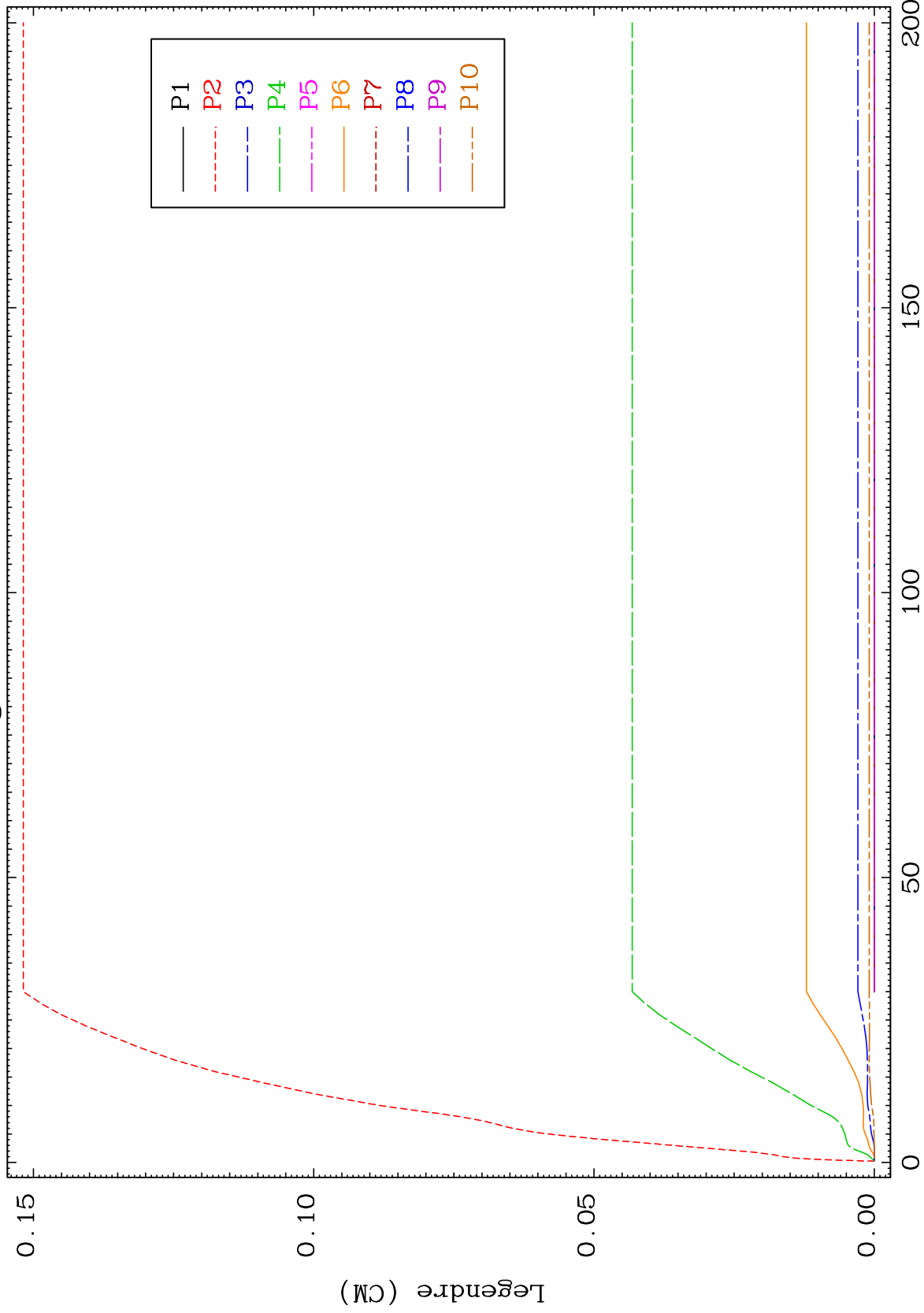
81-Tl-194



MAT 8098

81-Tl-194

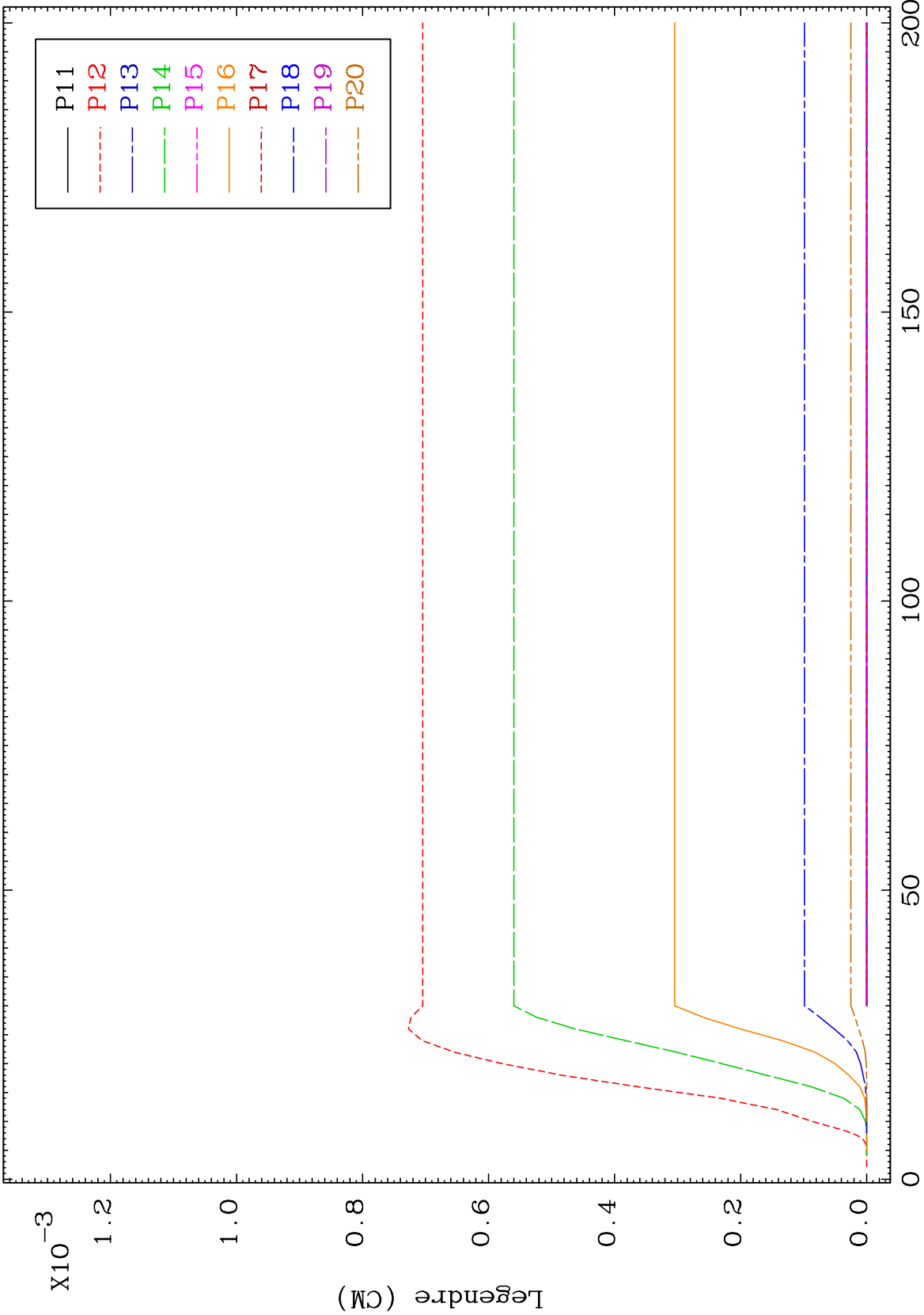
MT= 53 (n,n') Level  
Legendre Coefficients

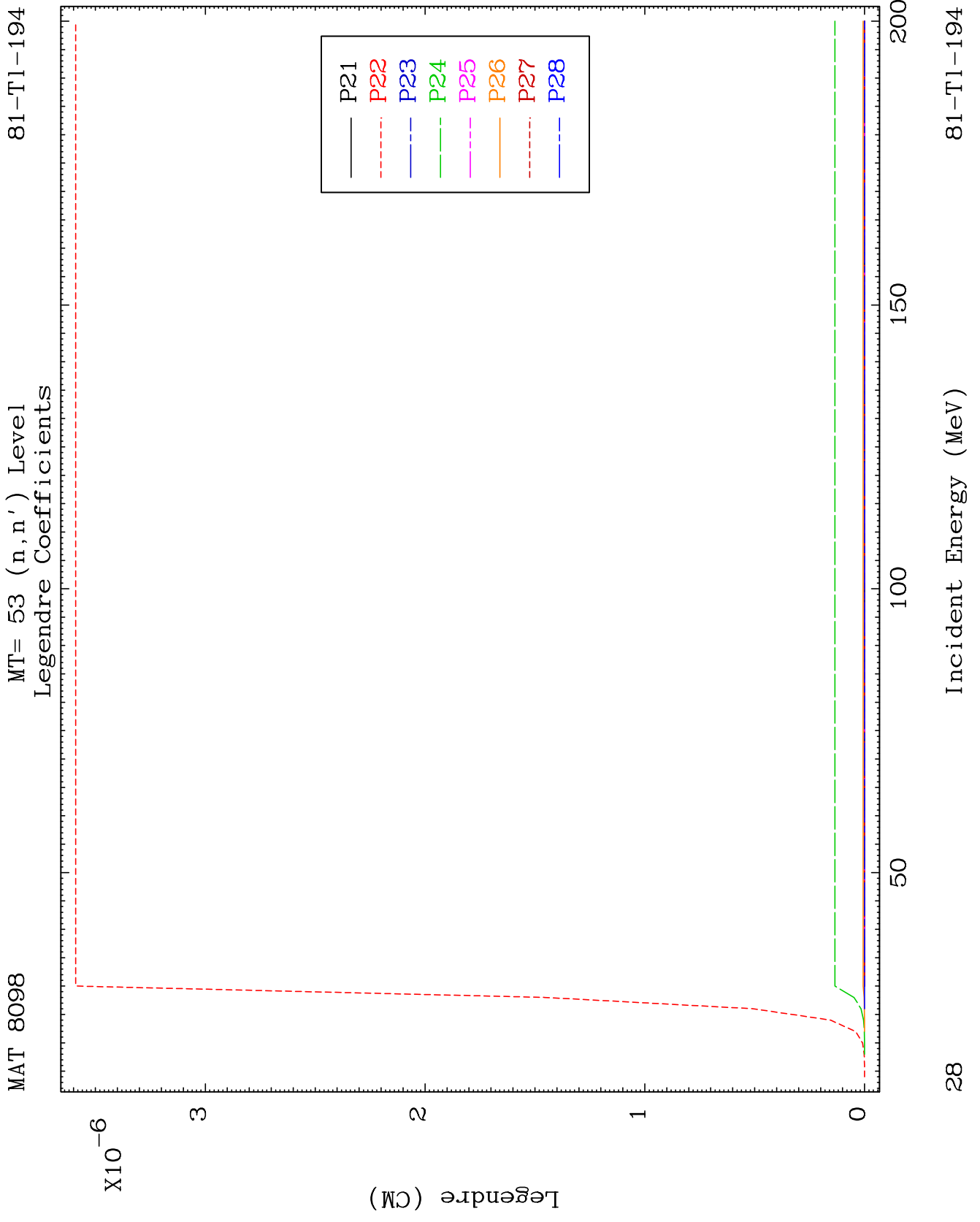


26

Incident Energy (MeV)

81-Tl-194



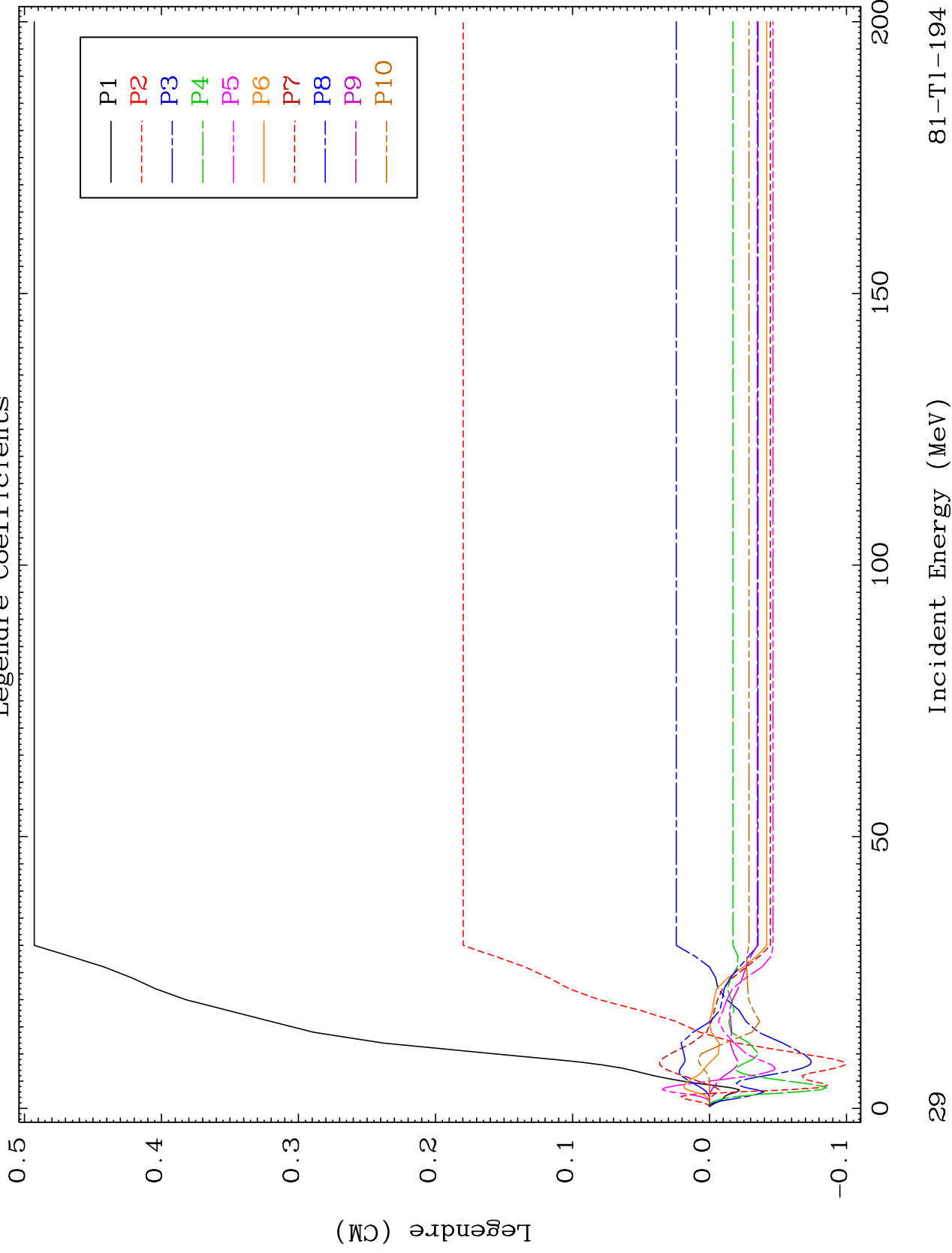


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MT= 54 (n,n') Level

81-Tl-194

Legendre Coefficients



29

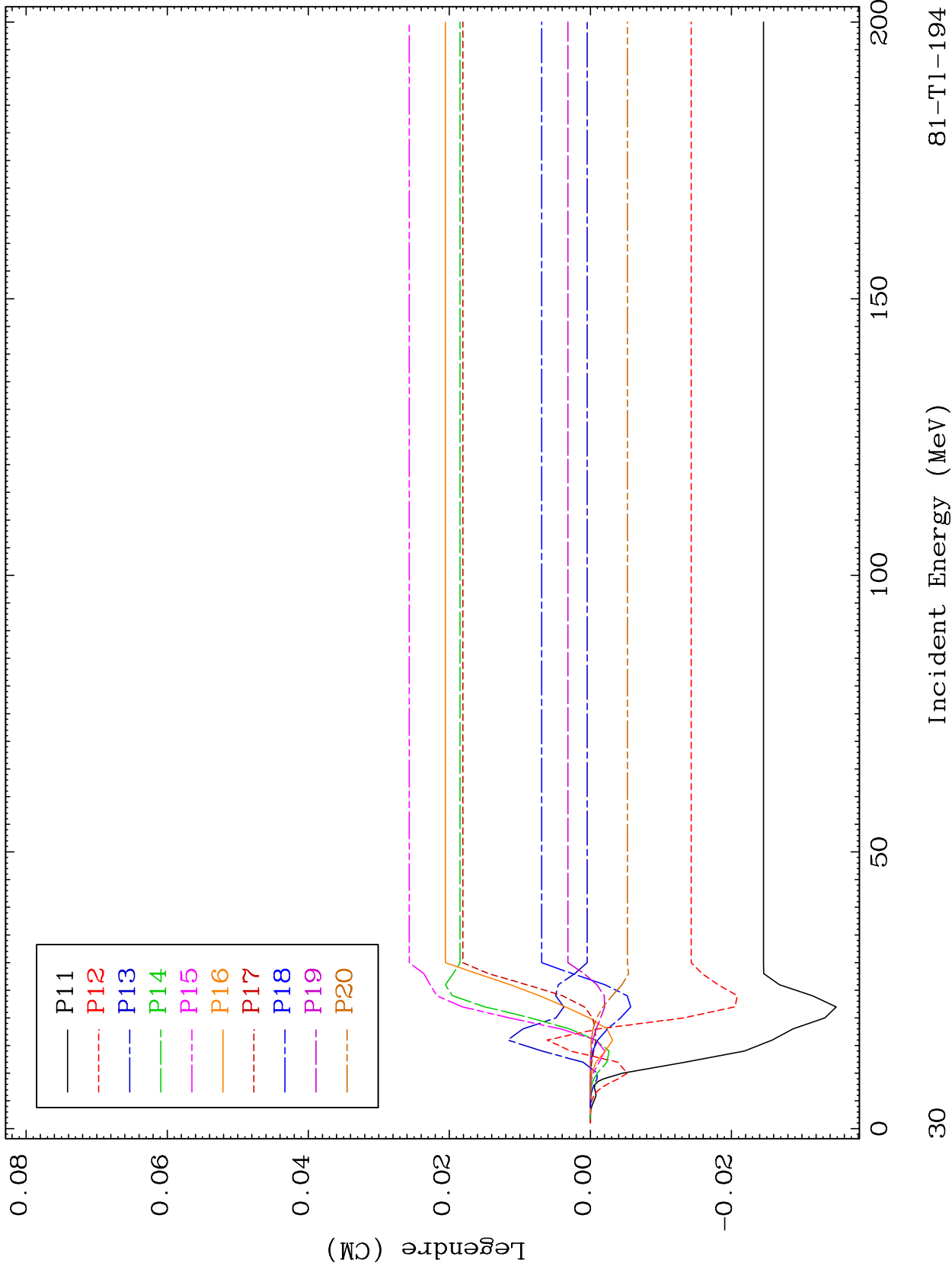
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



81-Tl-194

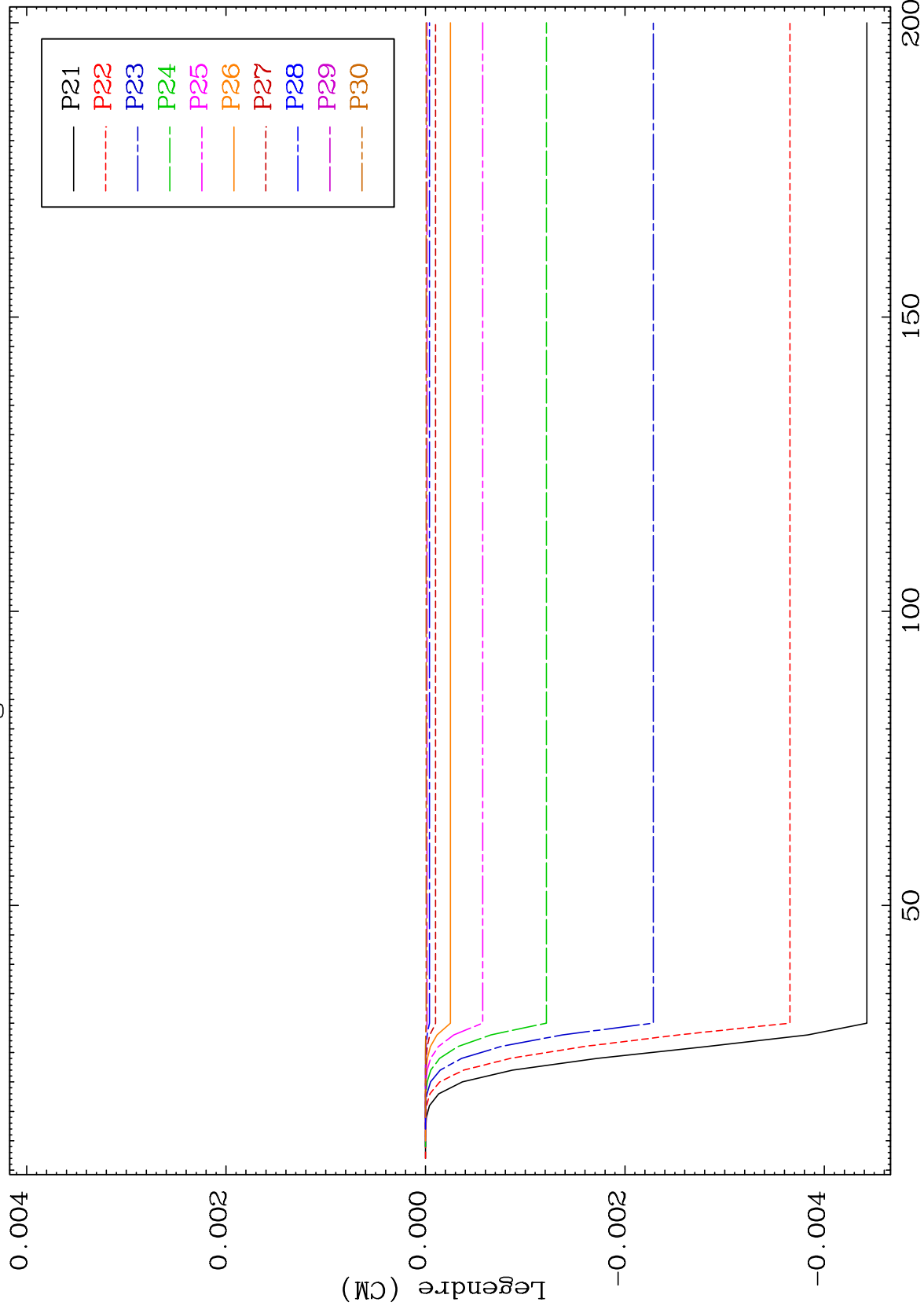
Incident Energy (MeV)

30

MAT 8098

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

81-Tl-194

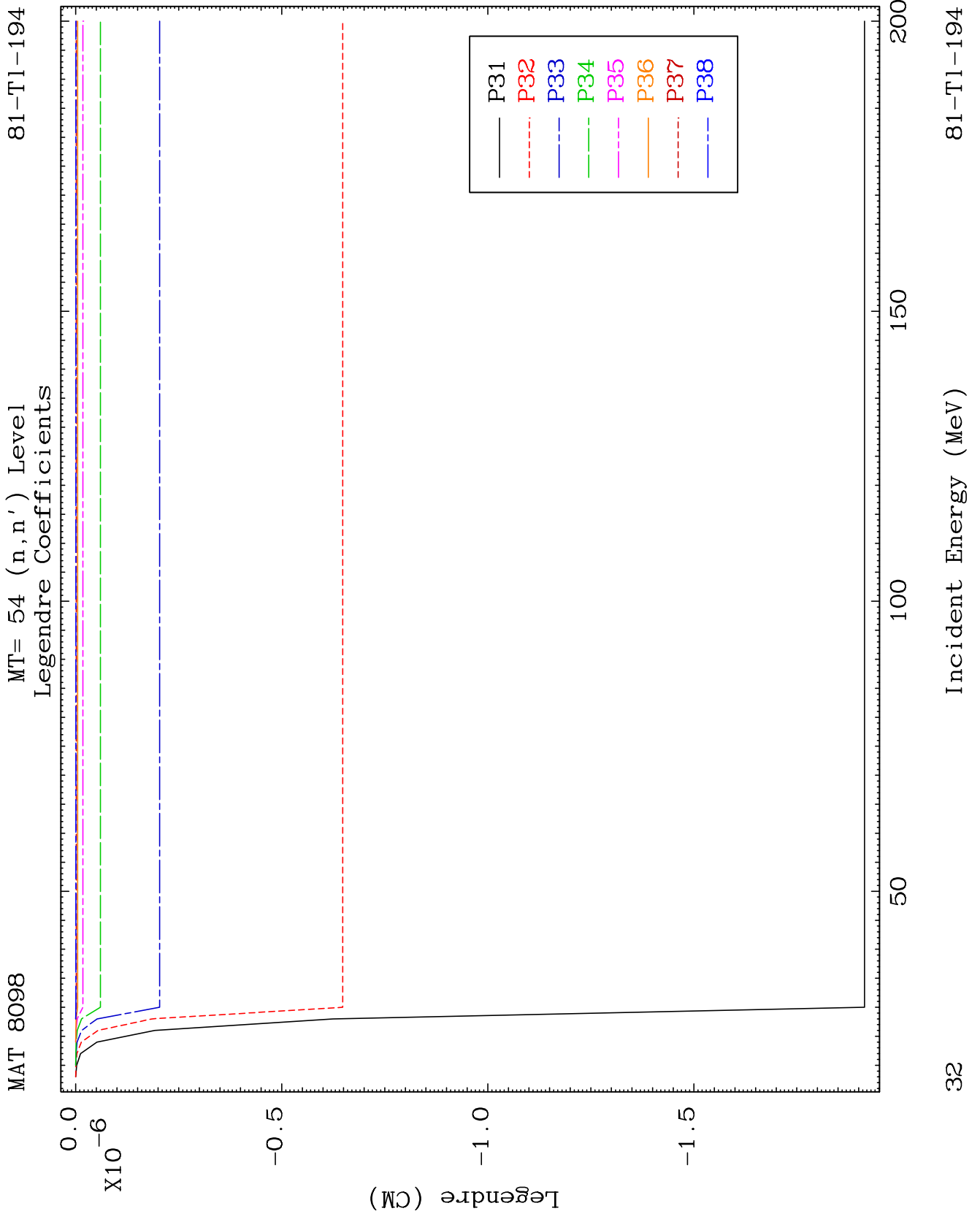


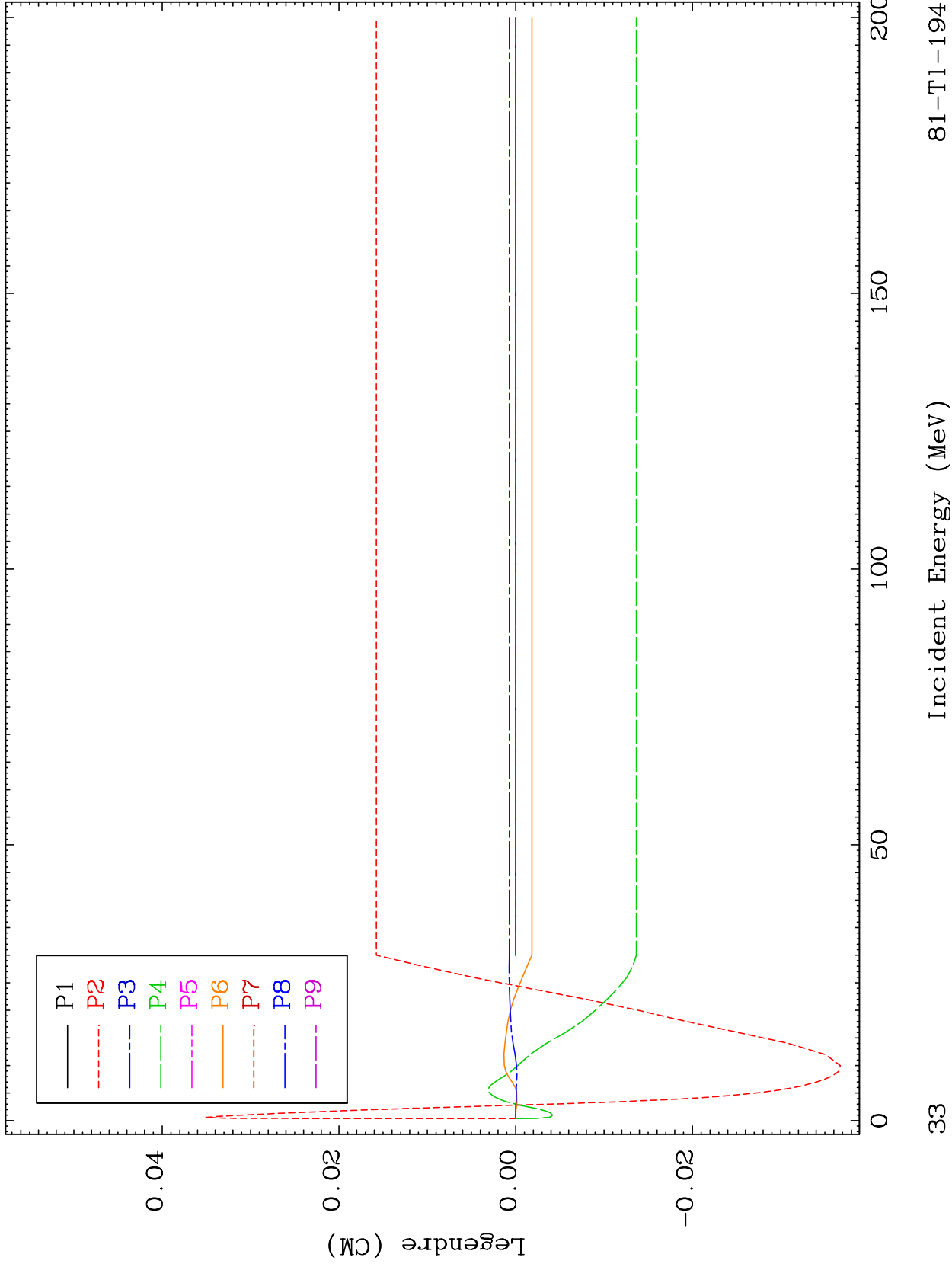
31

Incident Energy (MeV)

81-Tl-194



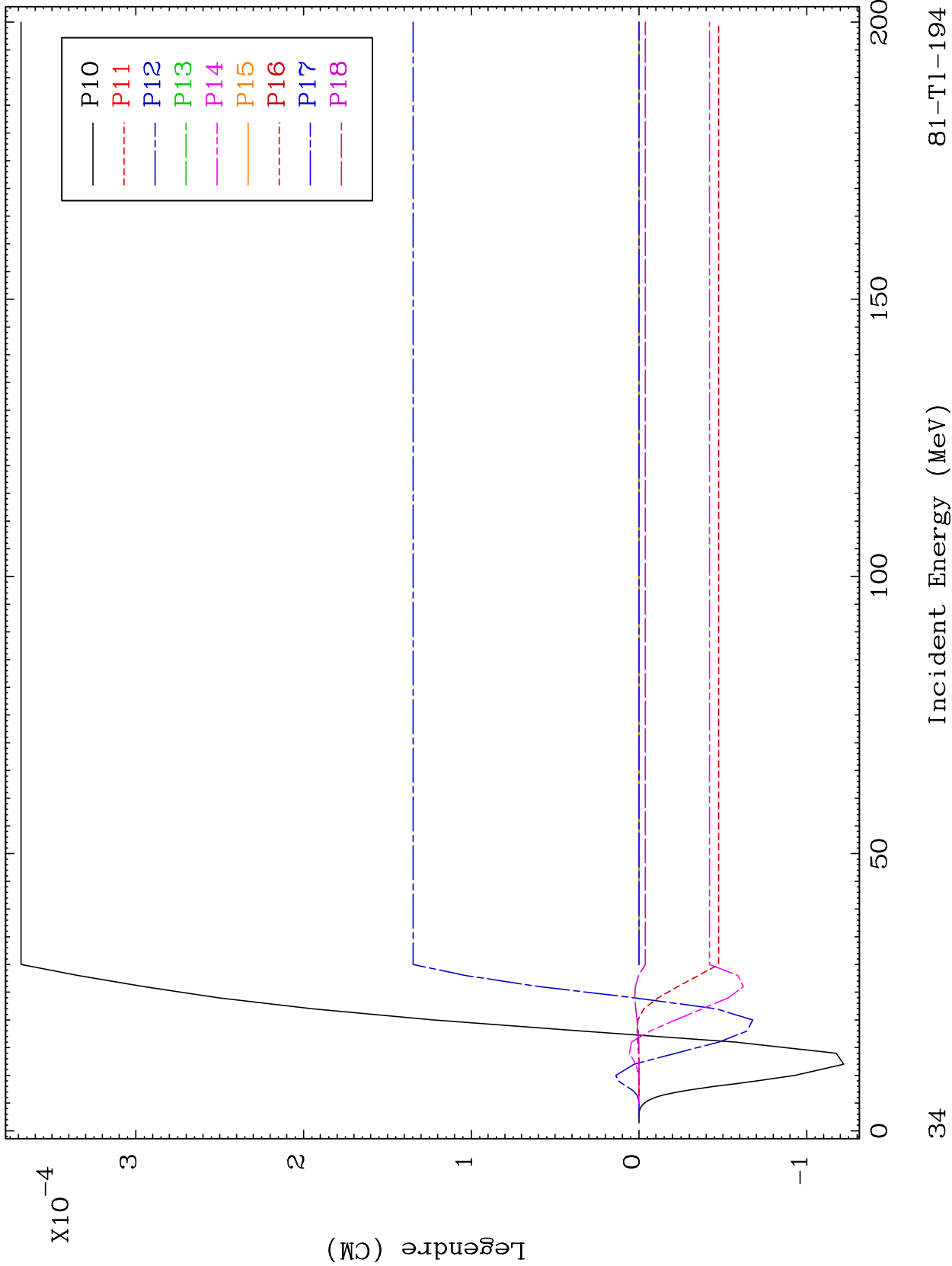




MAT 8098

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

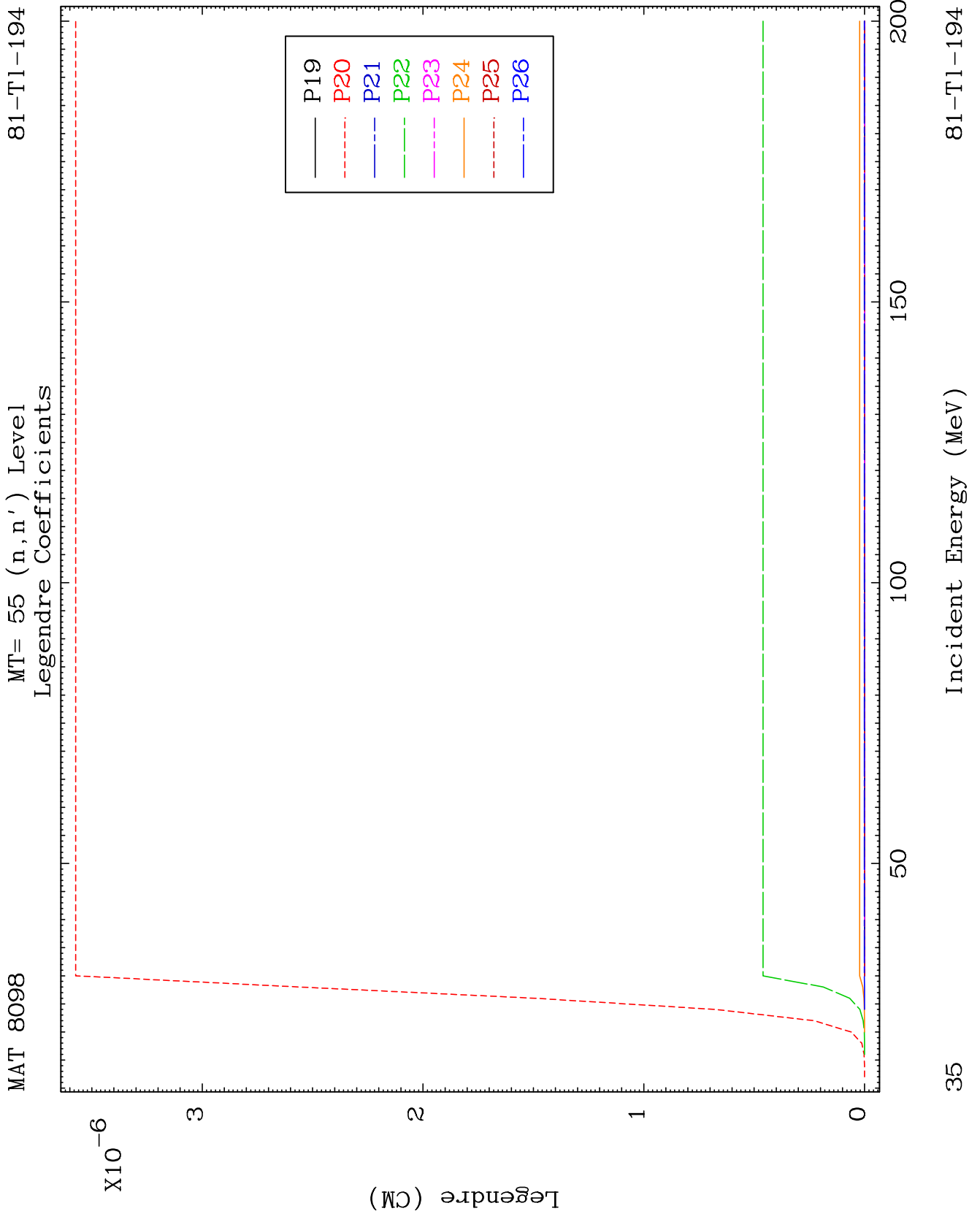
81-Tl-194



34

Incident Energy (MeV)

81-Tl-194

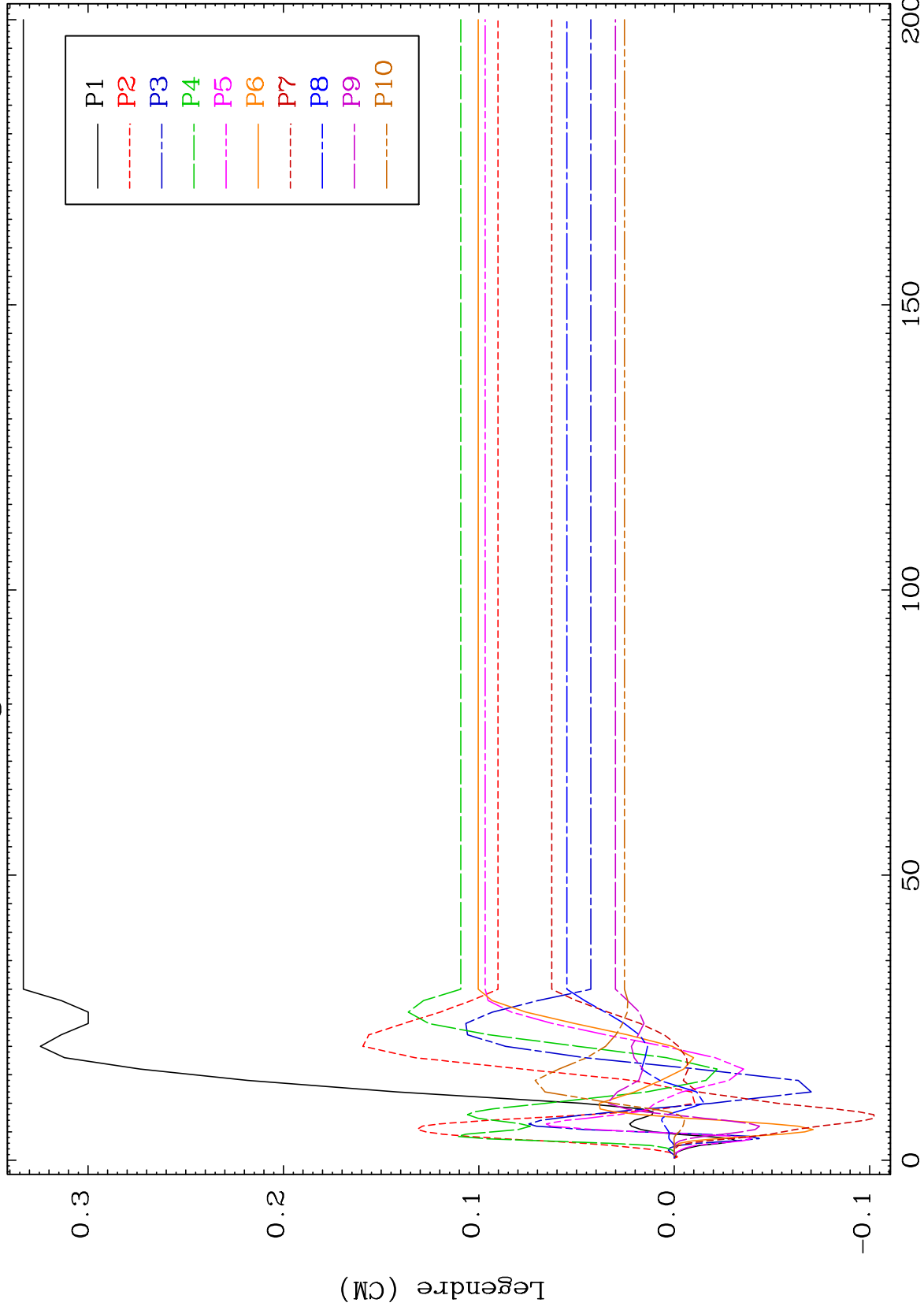


MAT 8098

MT= 56 (n,n') Level

81-Tl-194

Legendre Coefficients



36

Incident Energy (MeV)

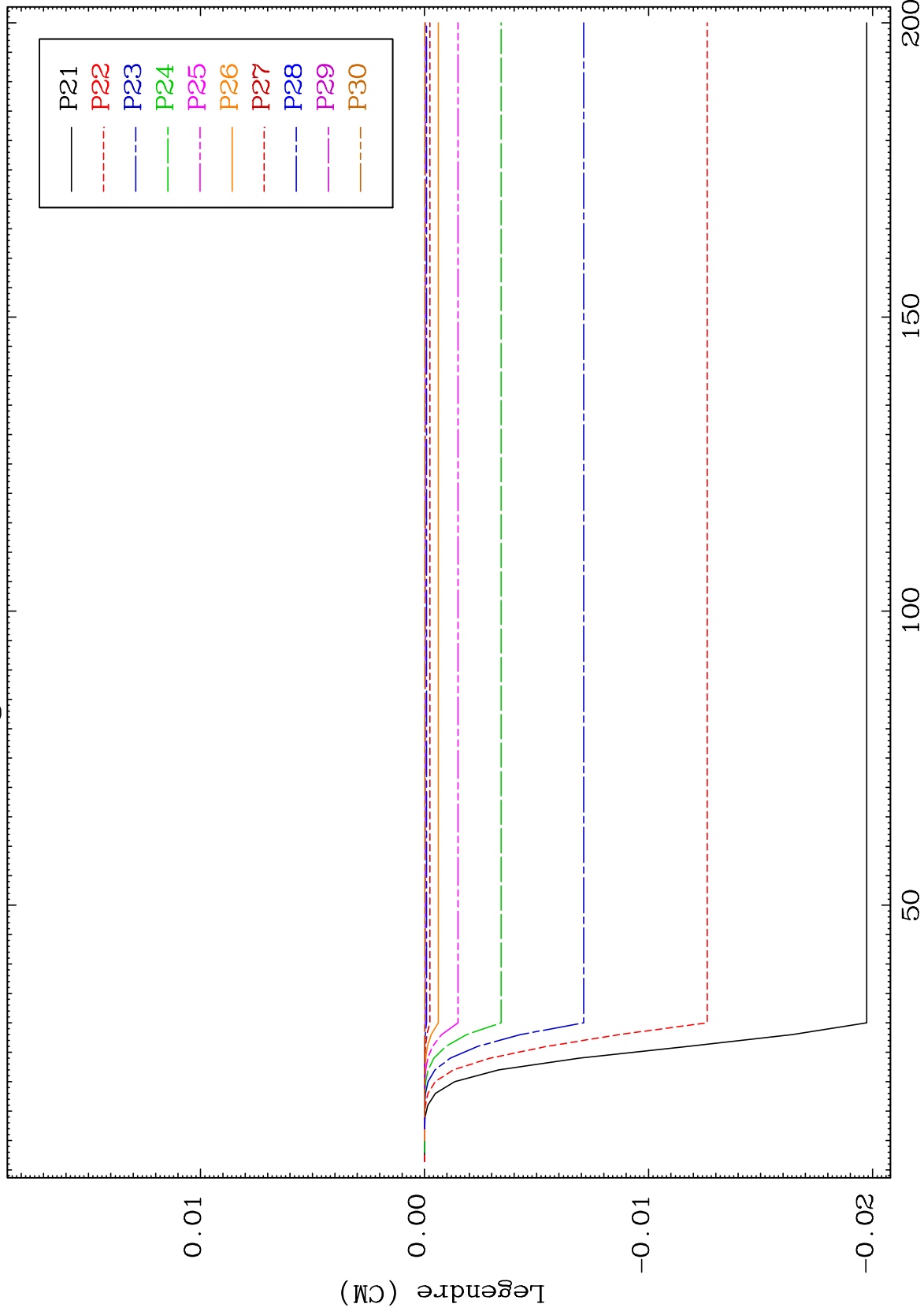
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MAT 8098

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

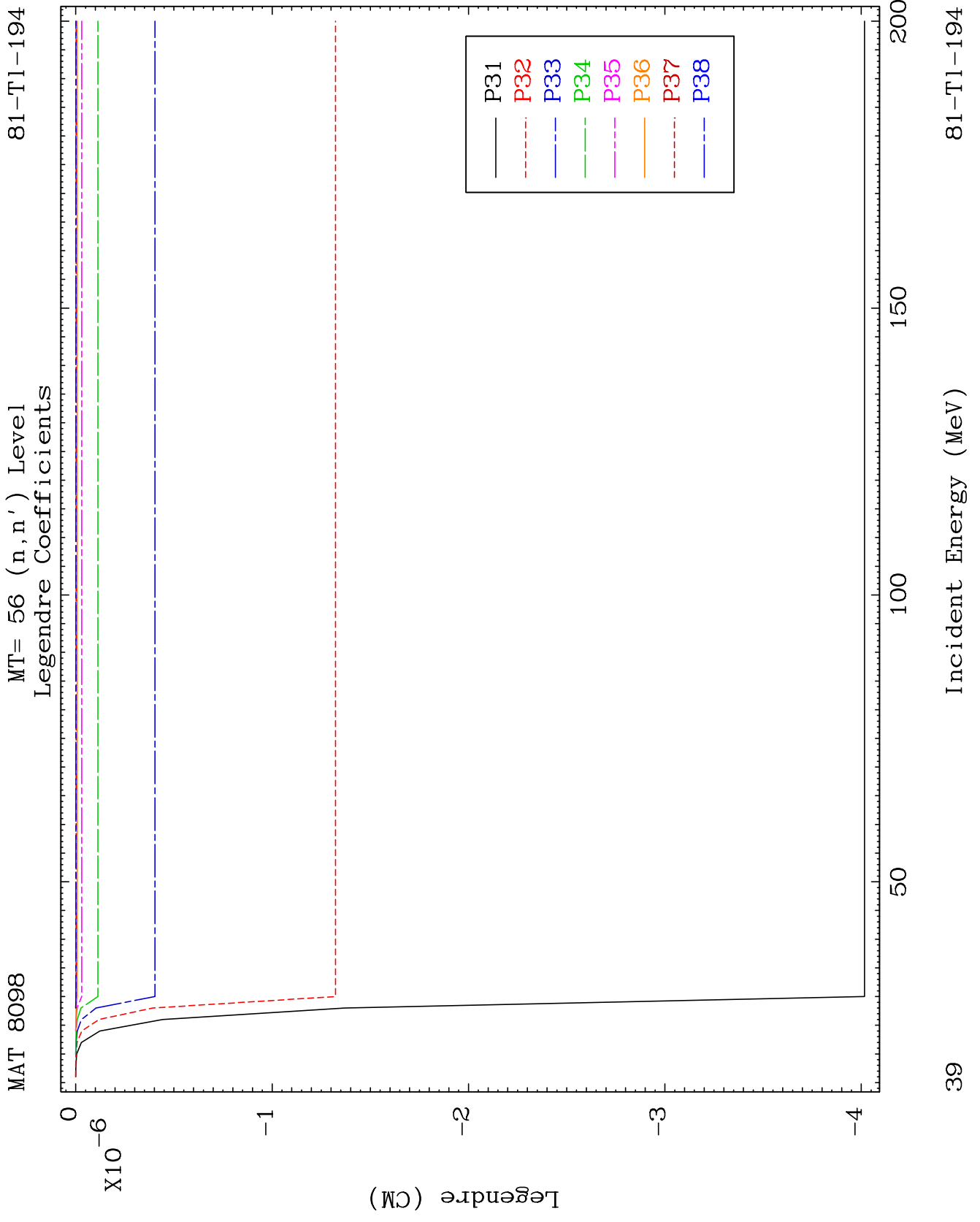
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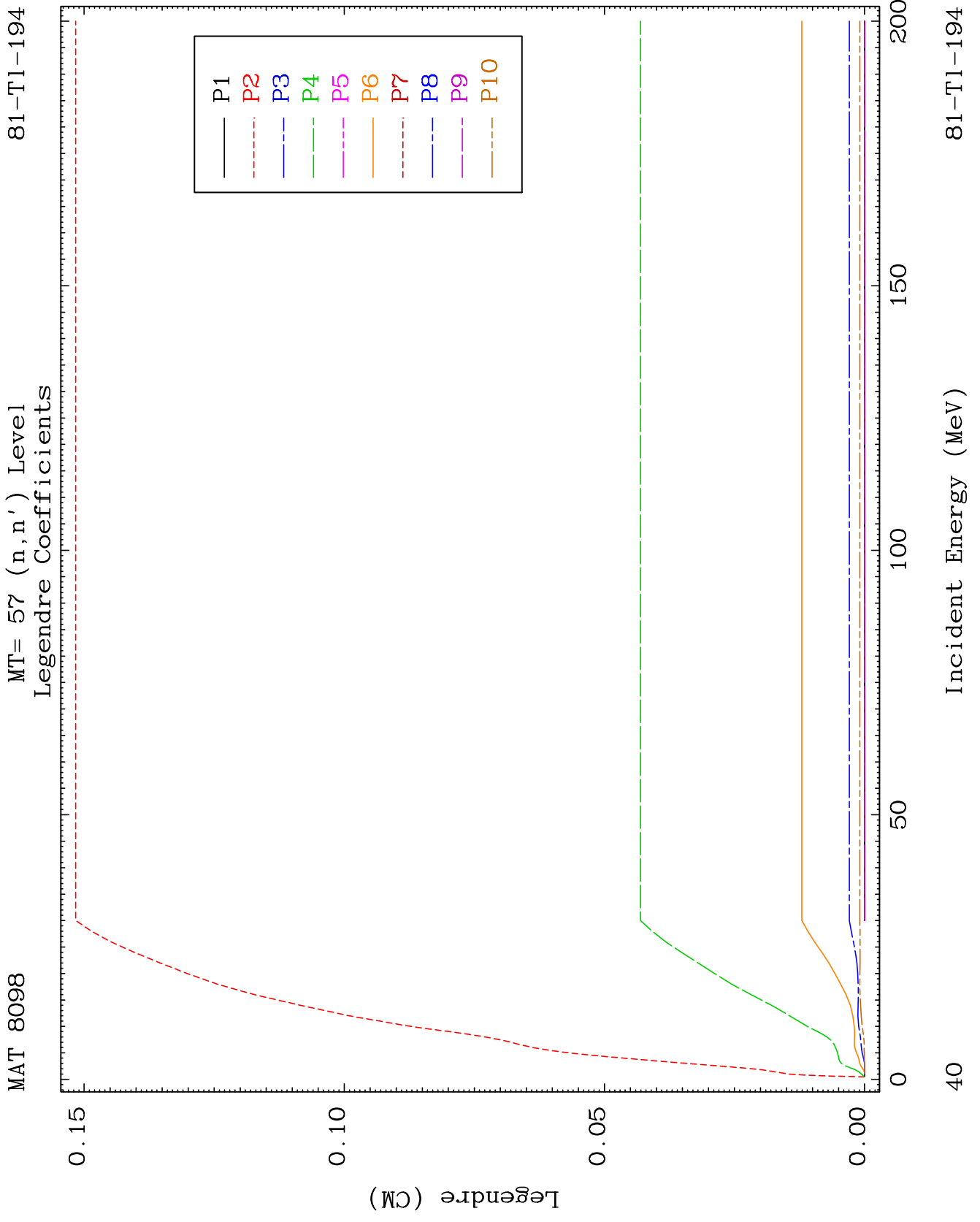
38

Incident Energy (MeV)

81-Tl-194



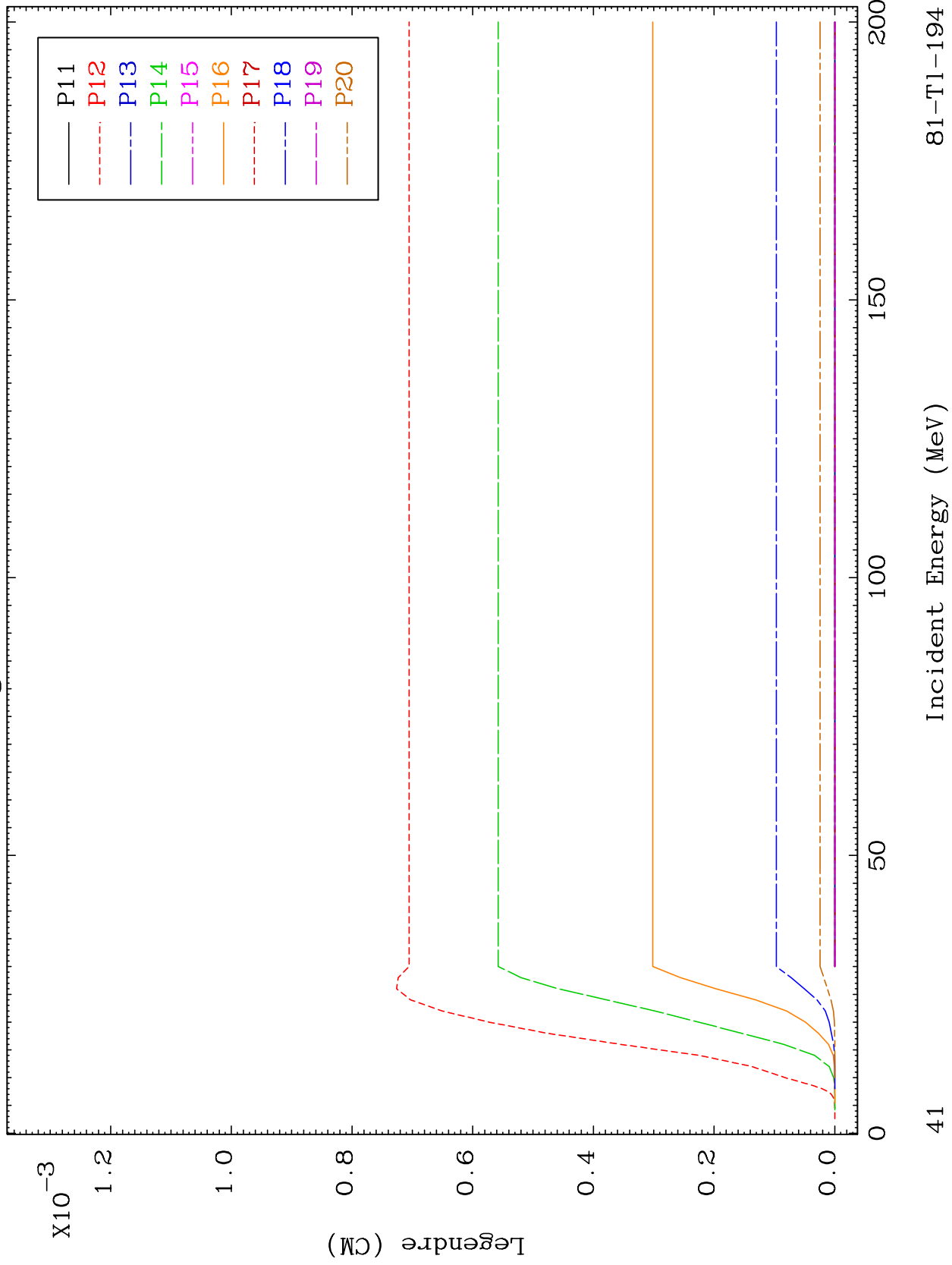


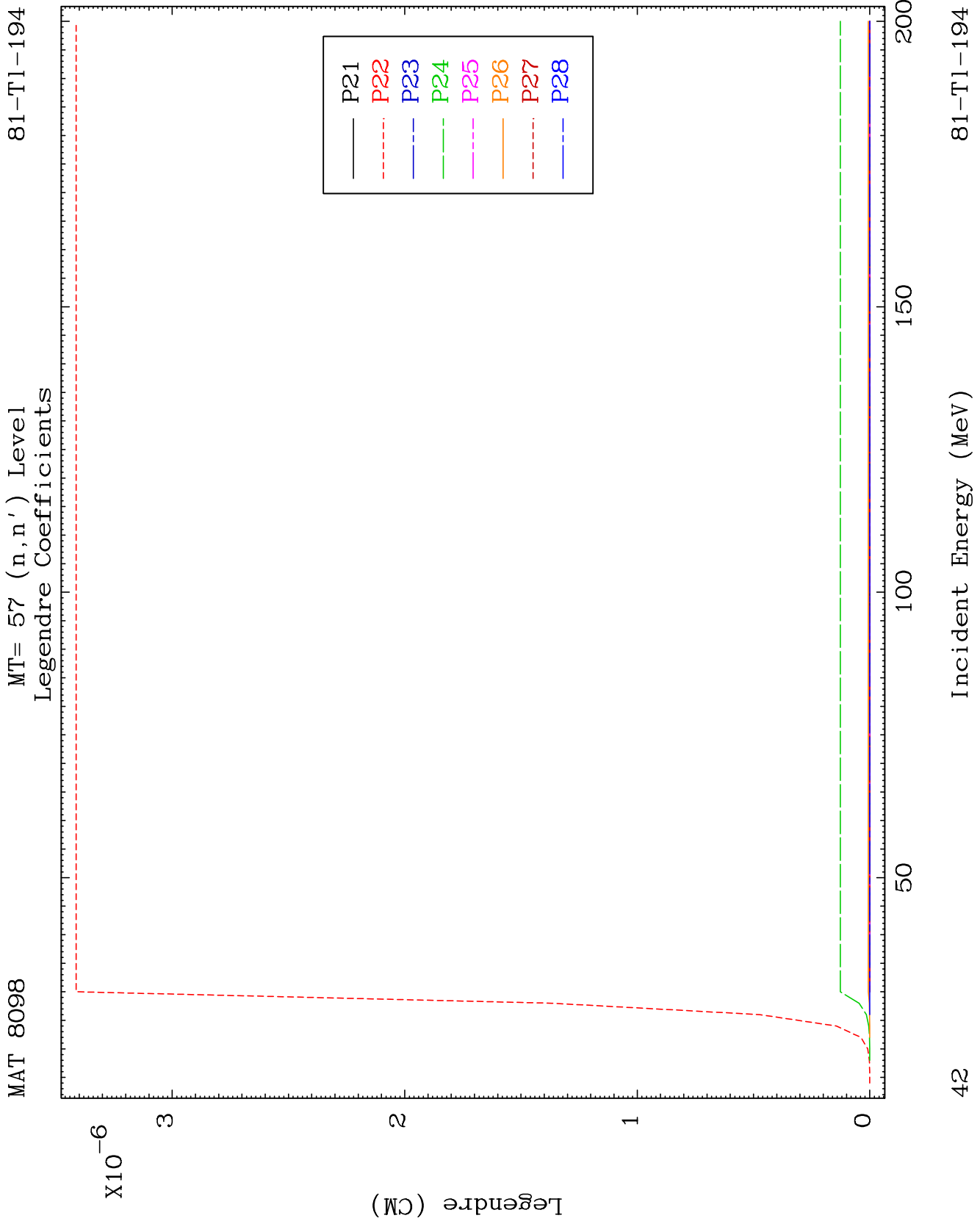


MAT 8098

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

81-Tl-194



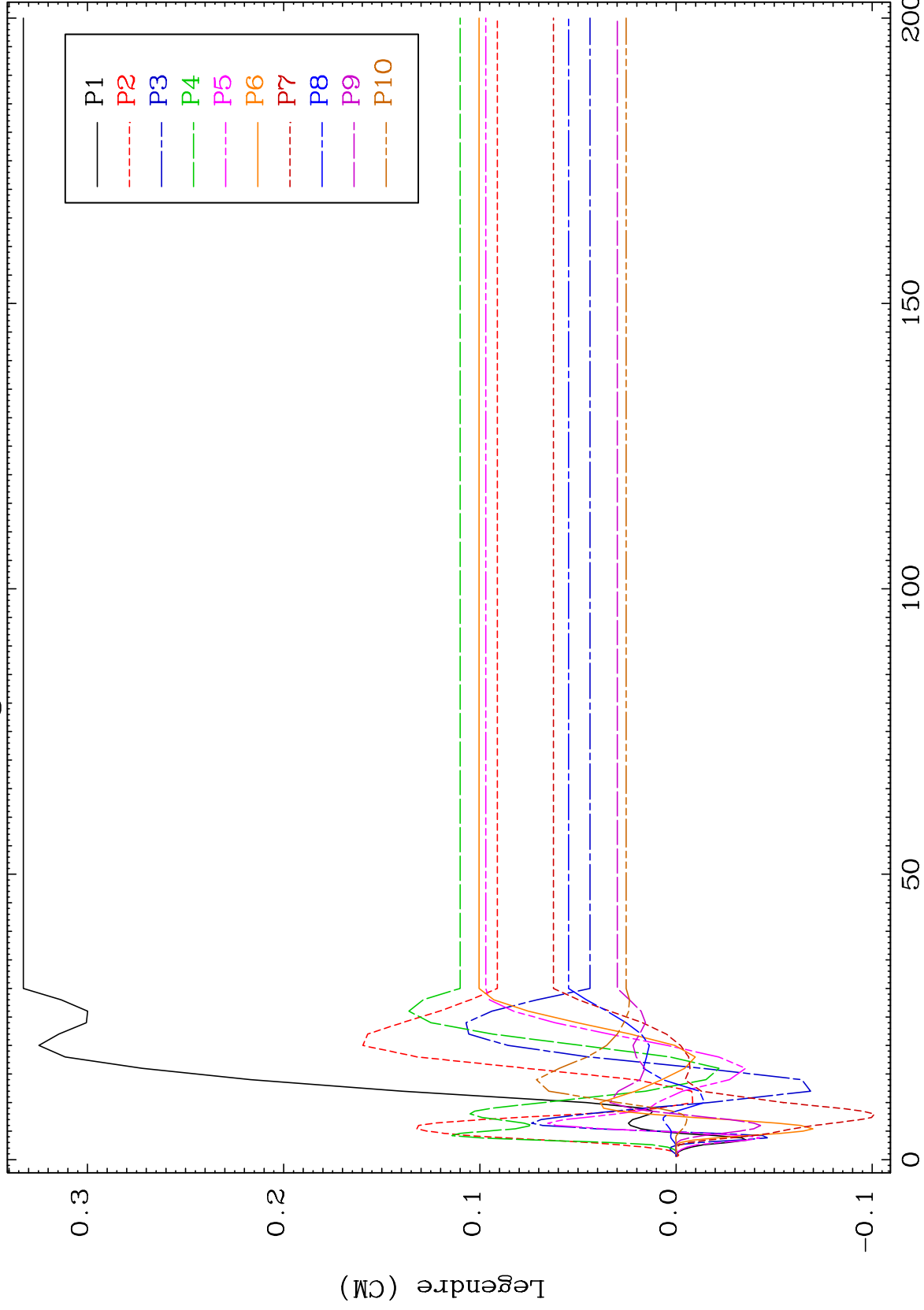


MAT 8098

MT= 58 (n,n') Level

81-Tl-194

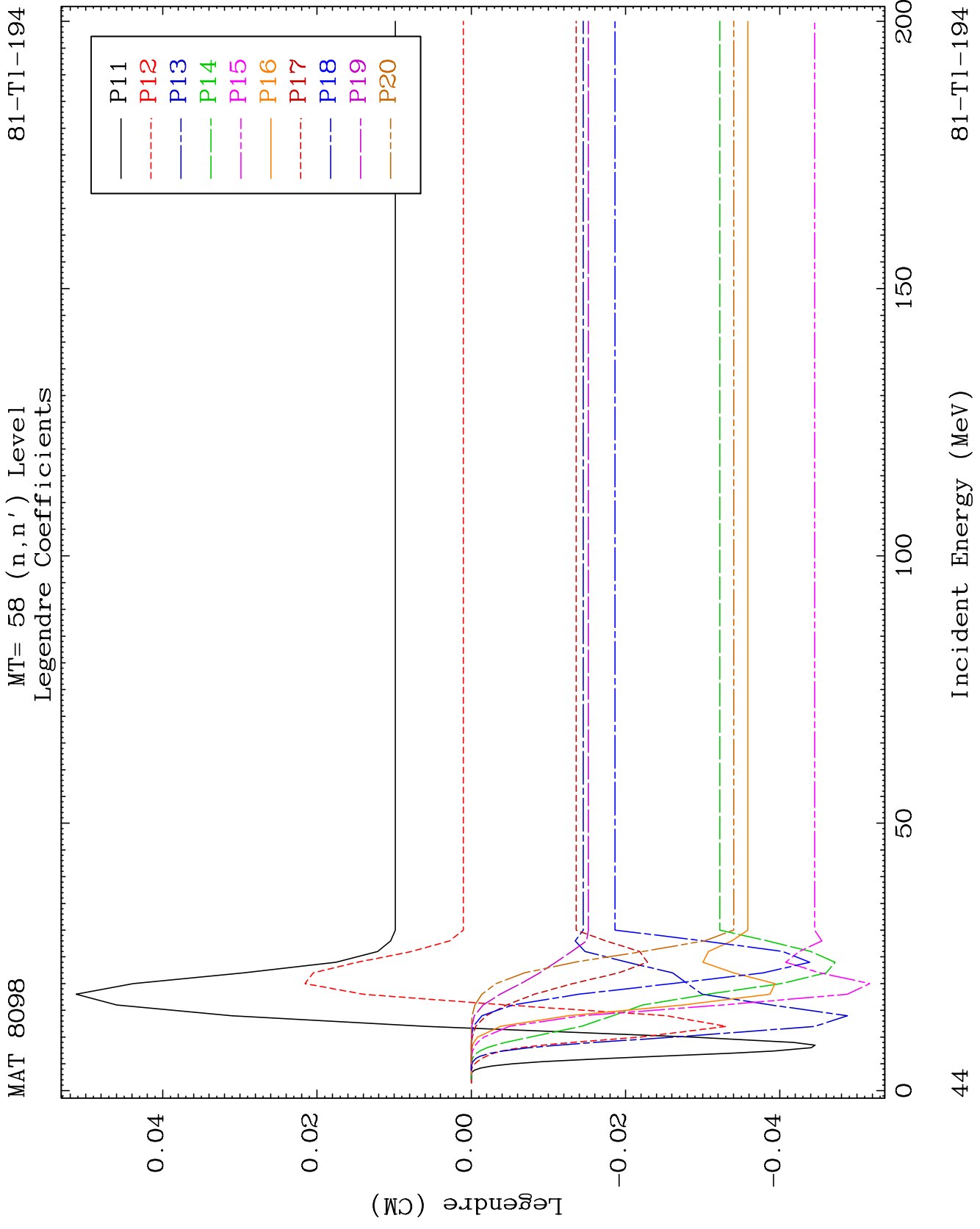
Legendre Coefficients



43

Incident Energy (MeV)

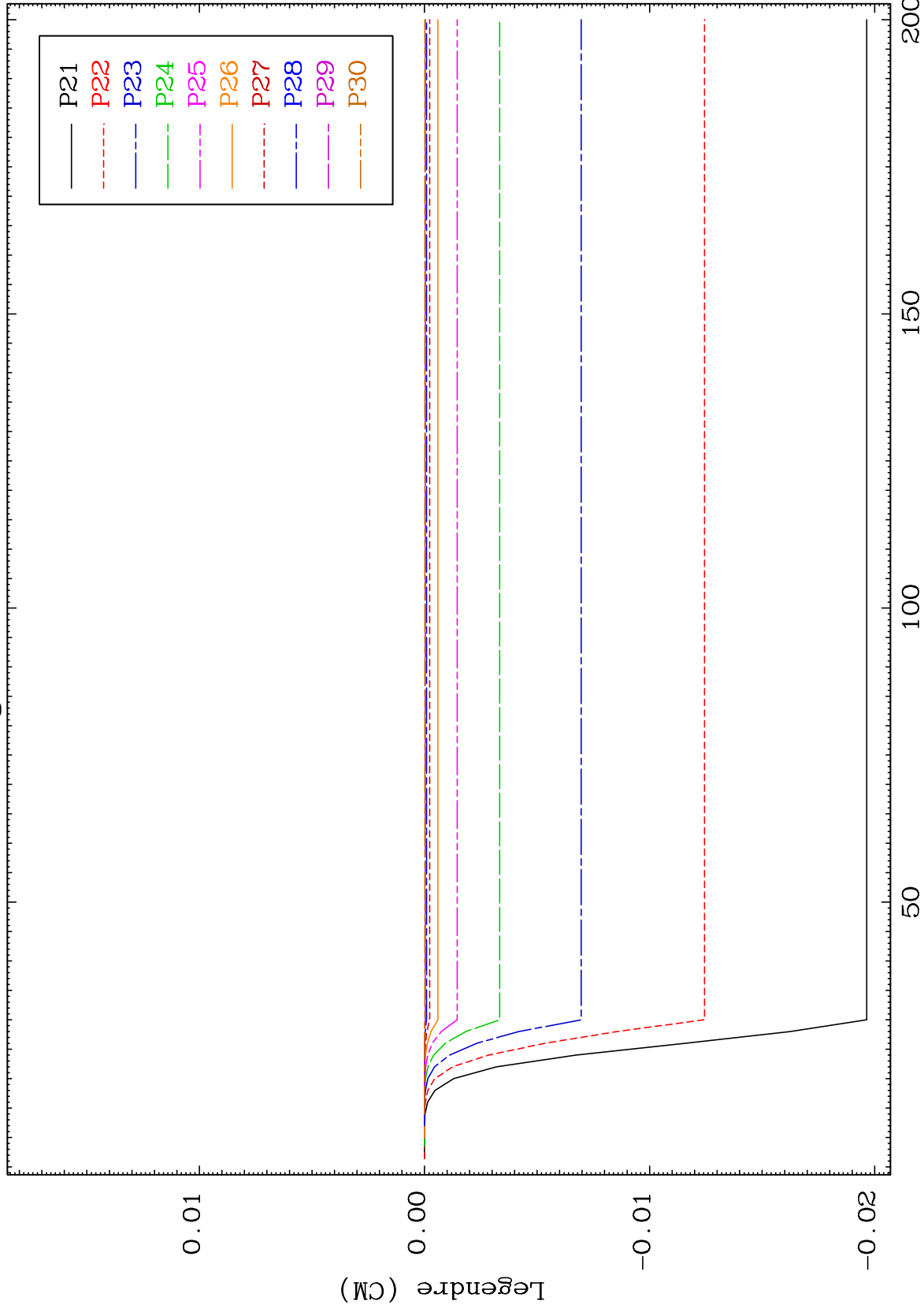
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MAT 8098

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

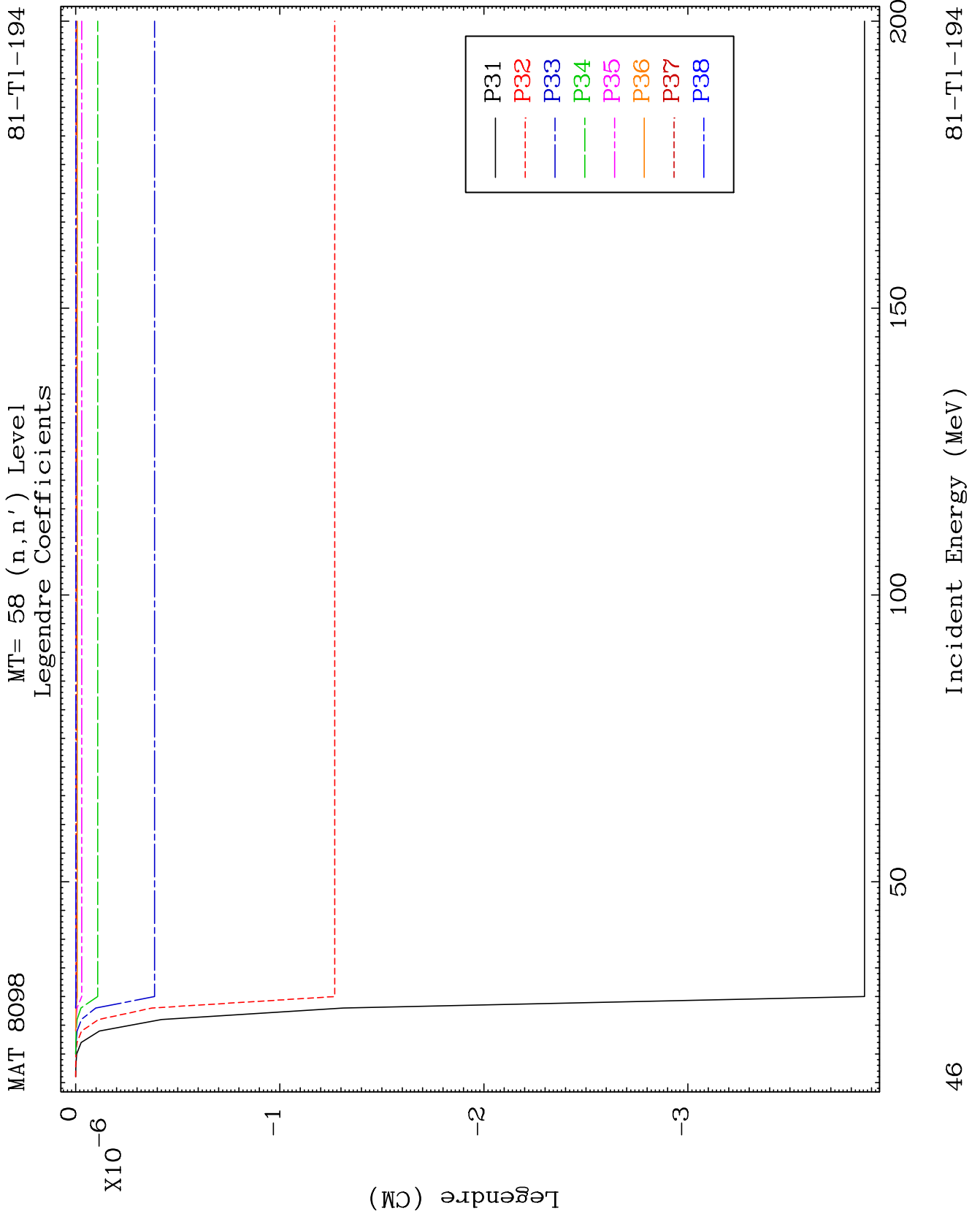
81-Tl-194



45

Incident Energy (MeV)

81-Tl-194



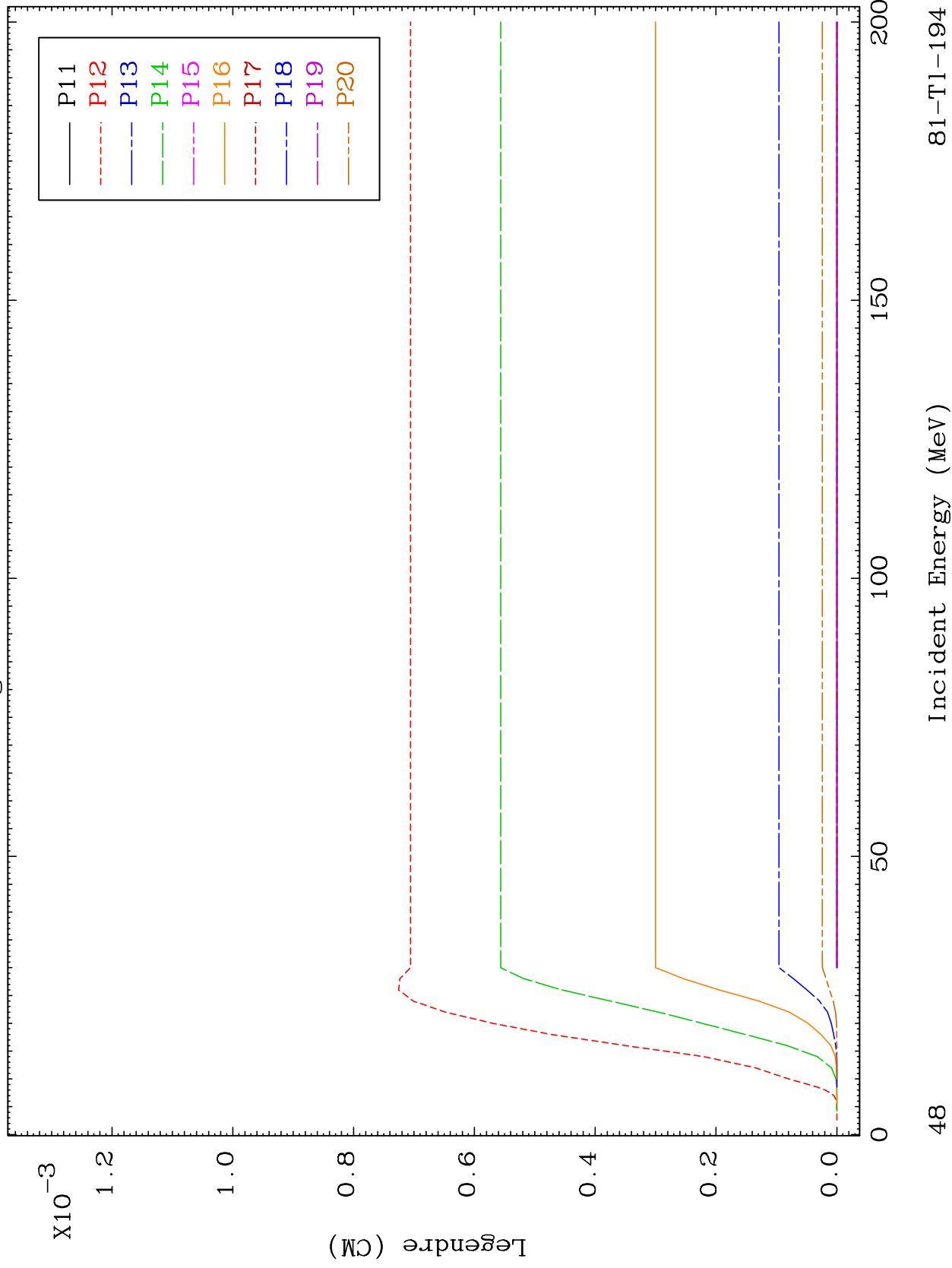




MAT 8098

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

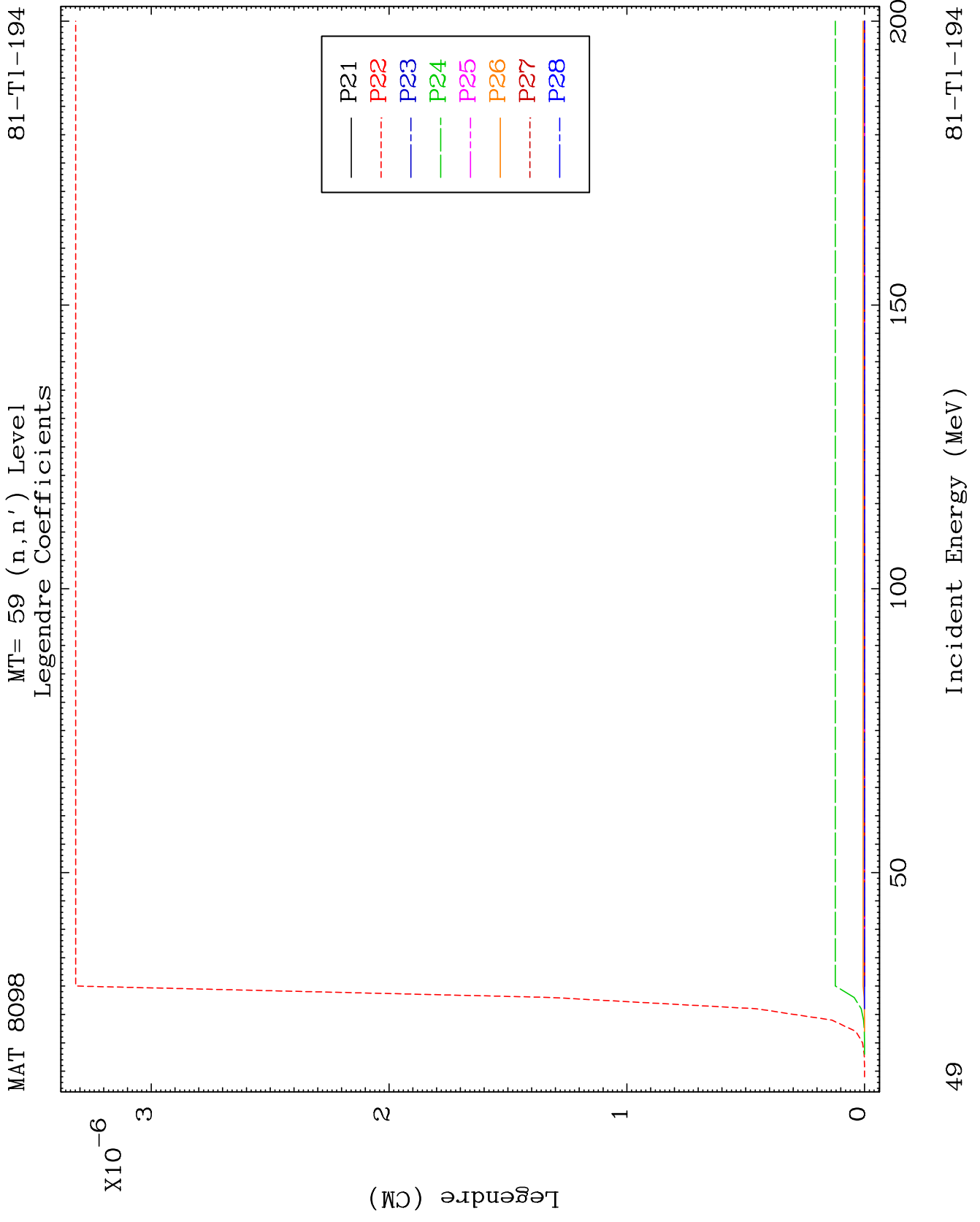
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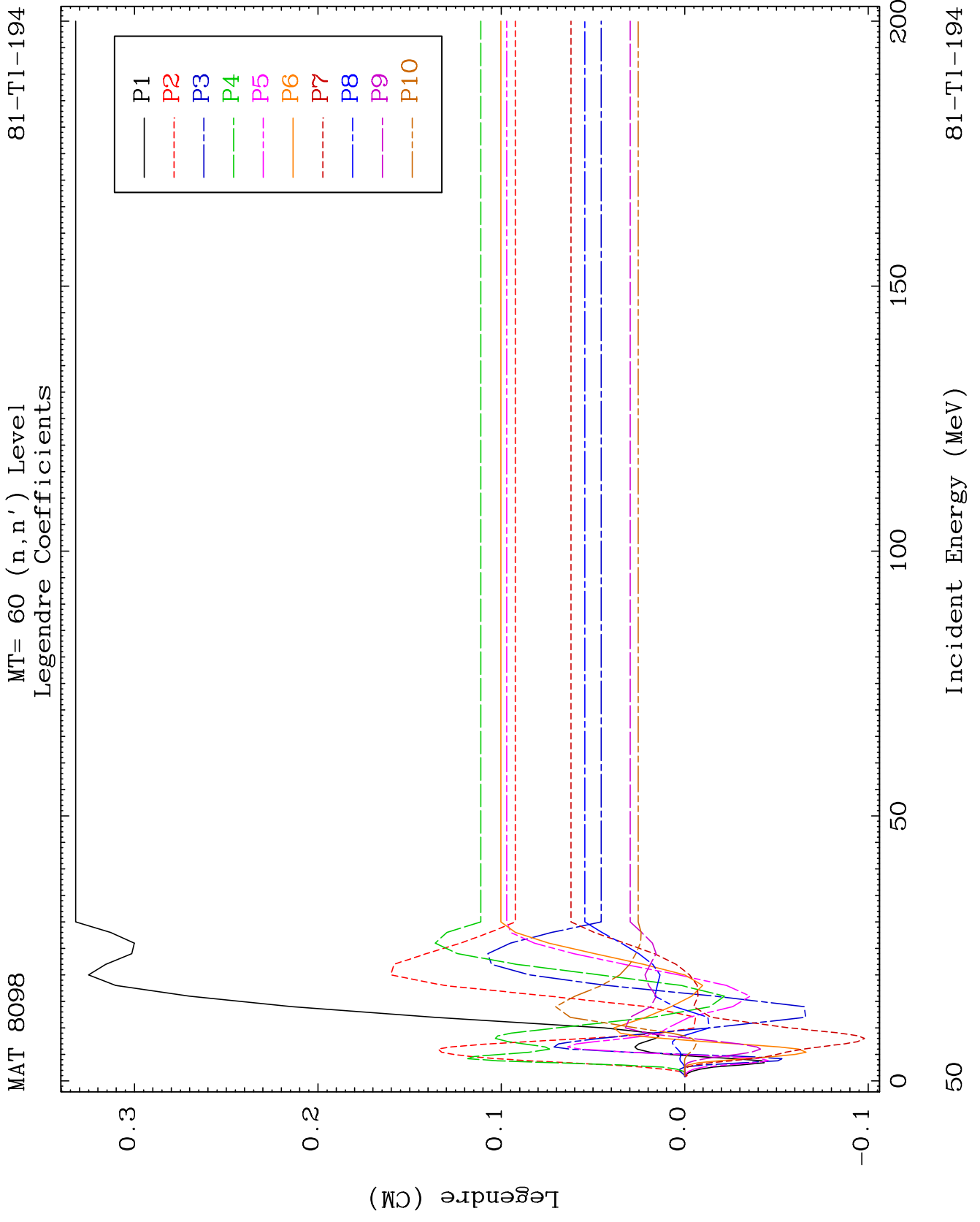


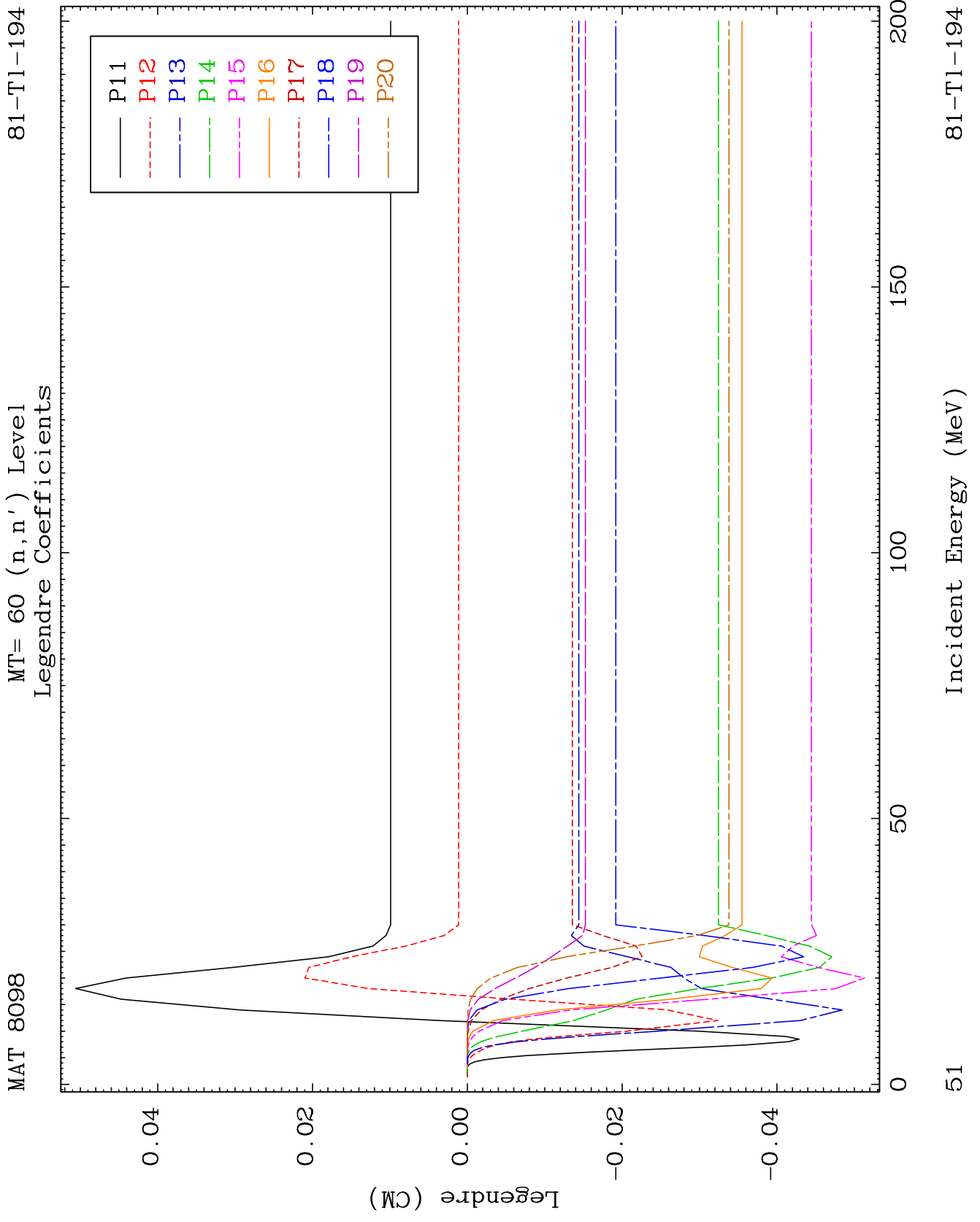
81-Tl-194

Incident Energy (MeV)

48



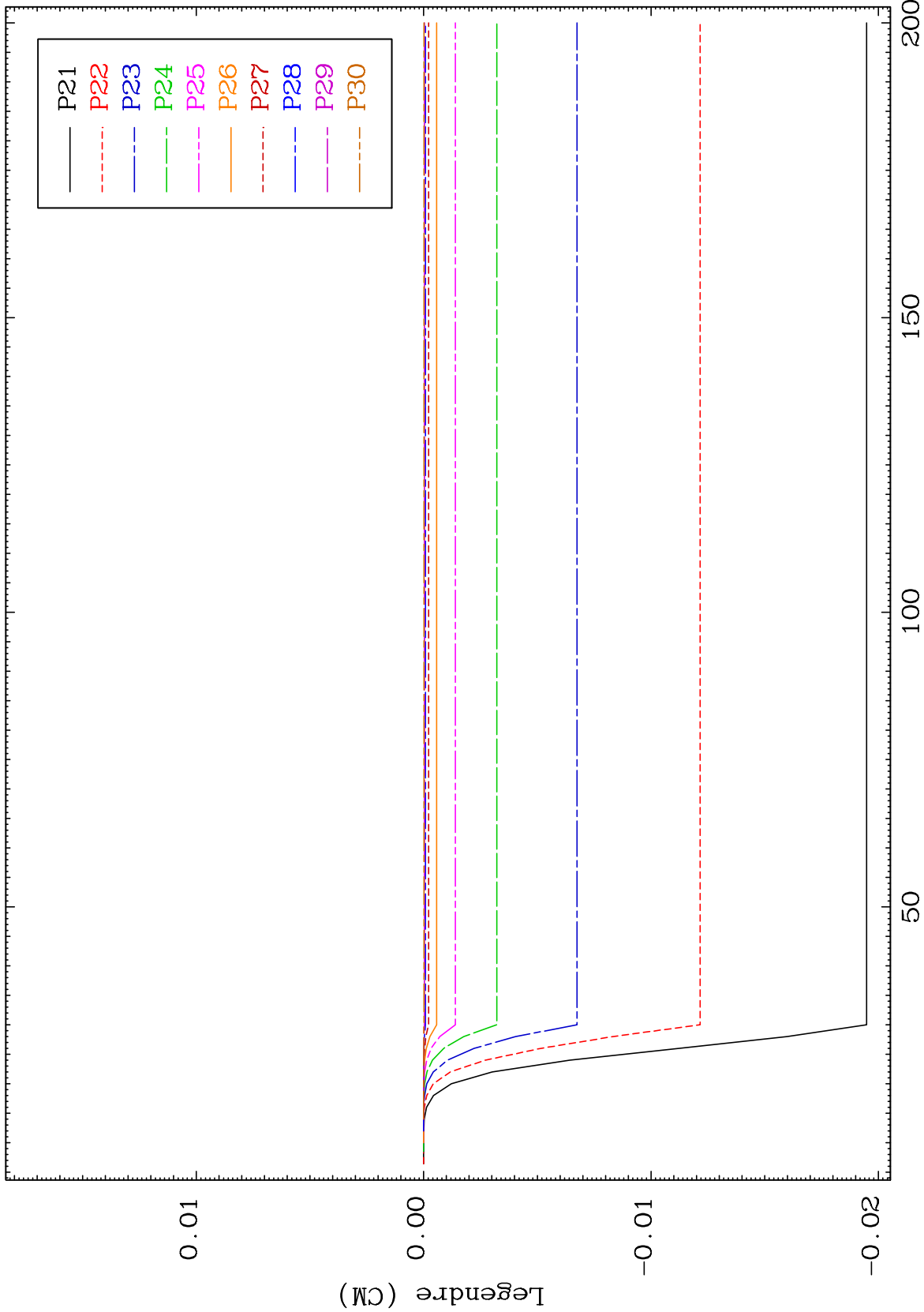




MAT 8098

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

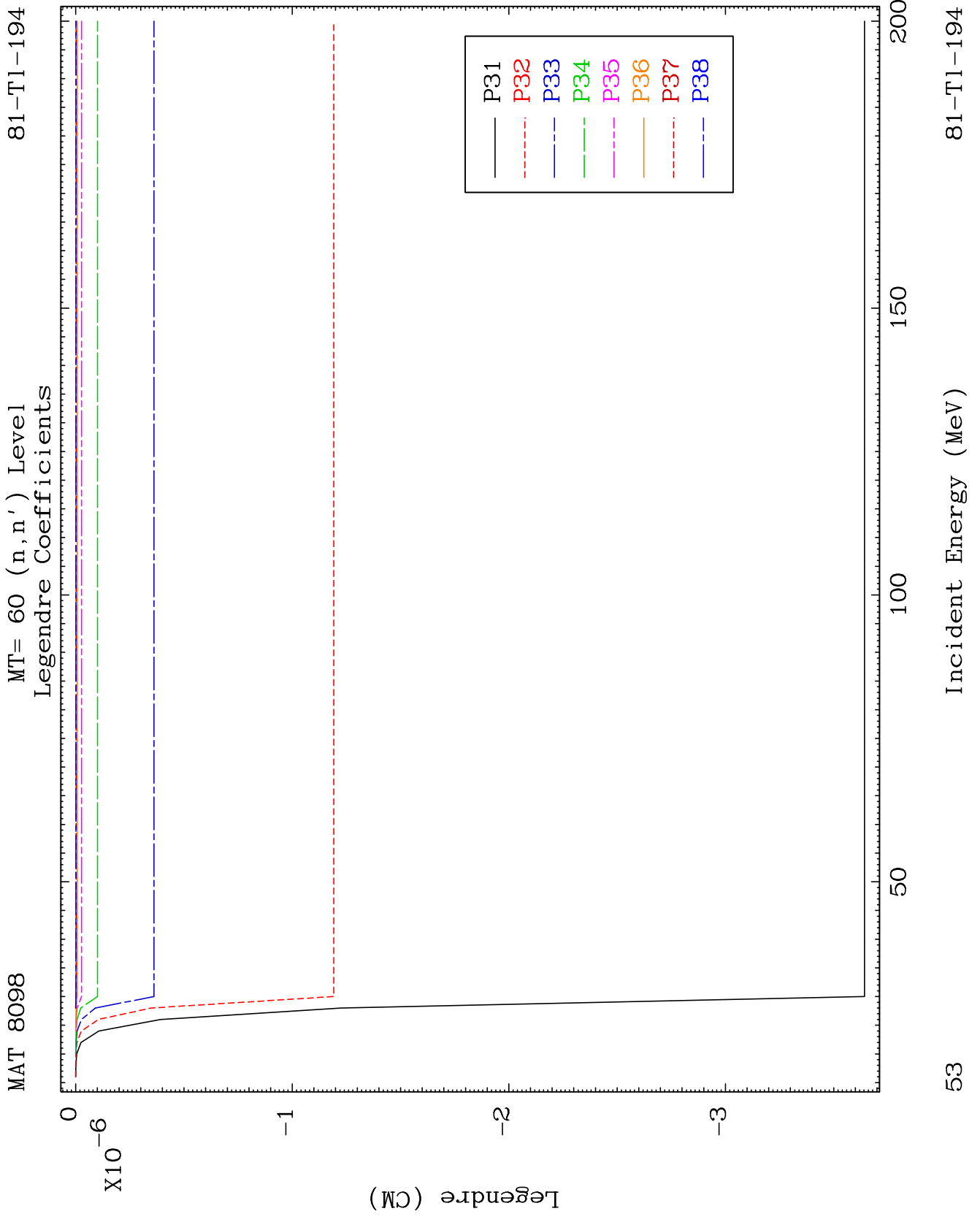
81-Tl-194



52

Incident Energy (MeV)

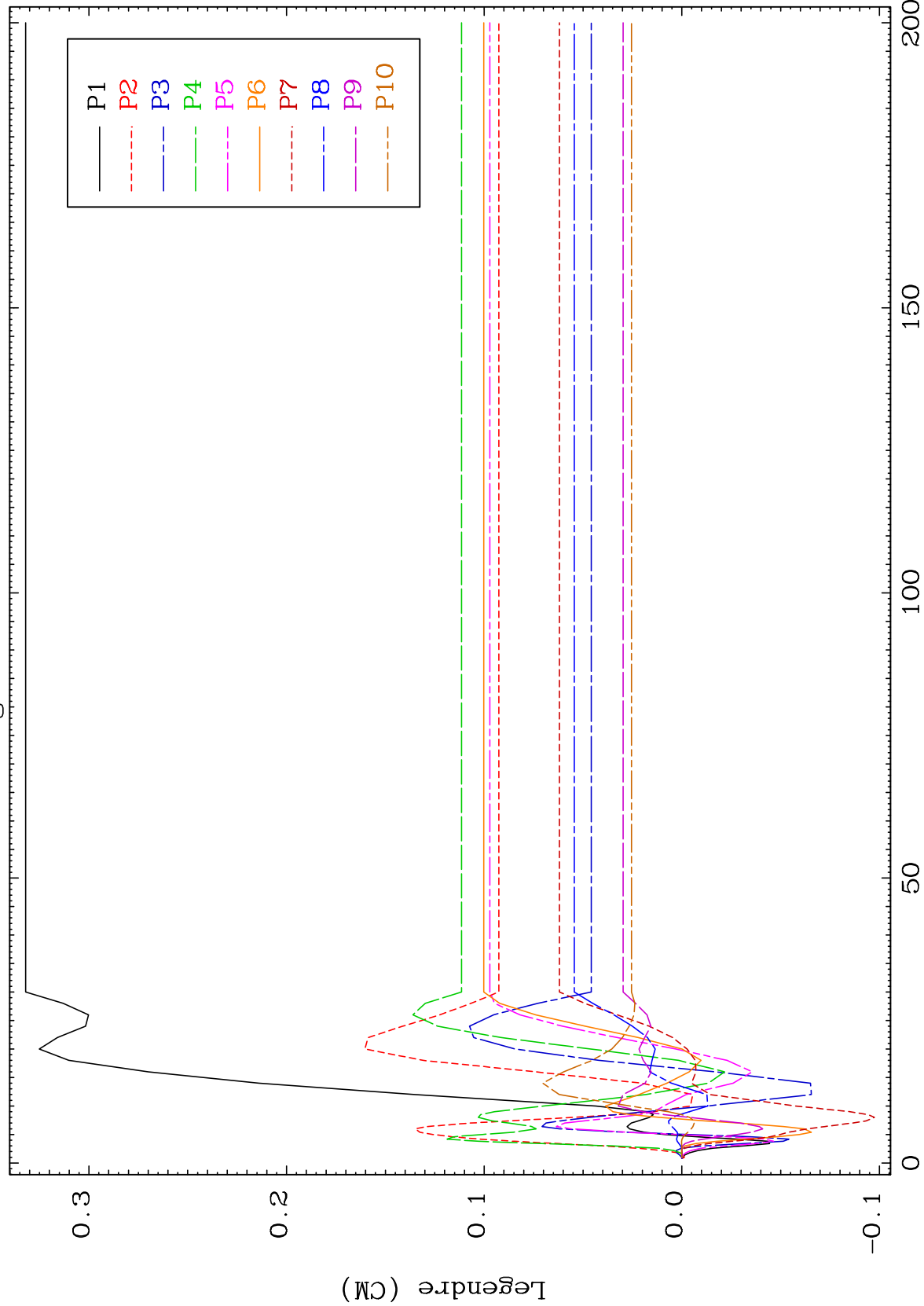
81-Tl-194



MAT 8098

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

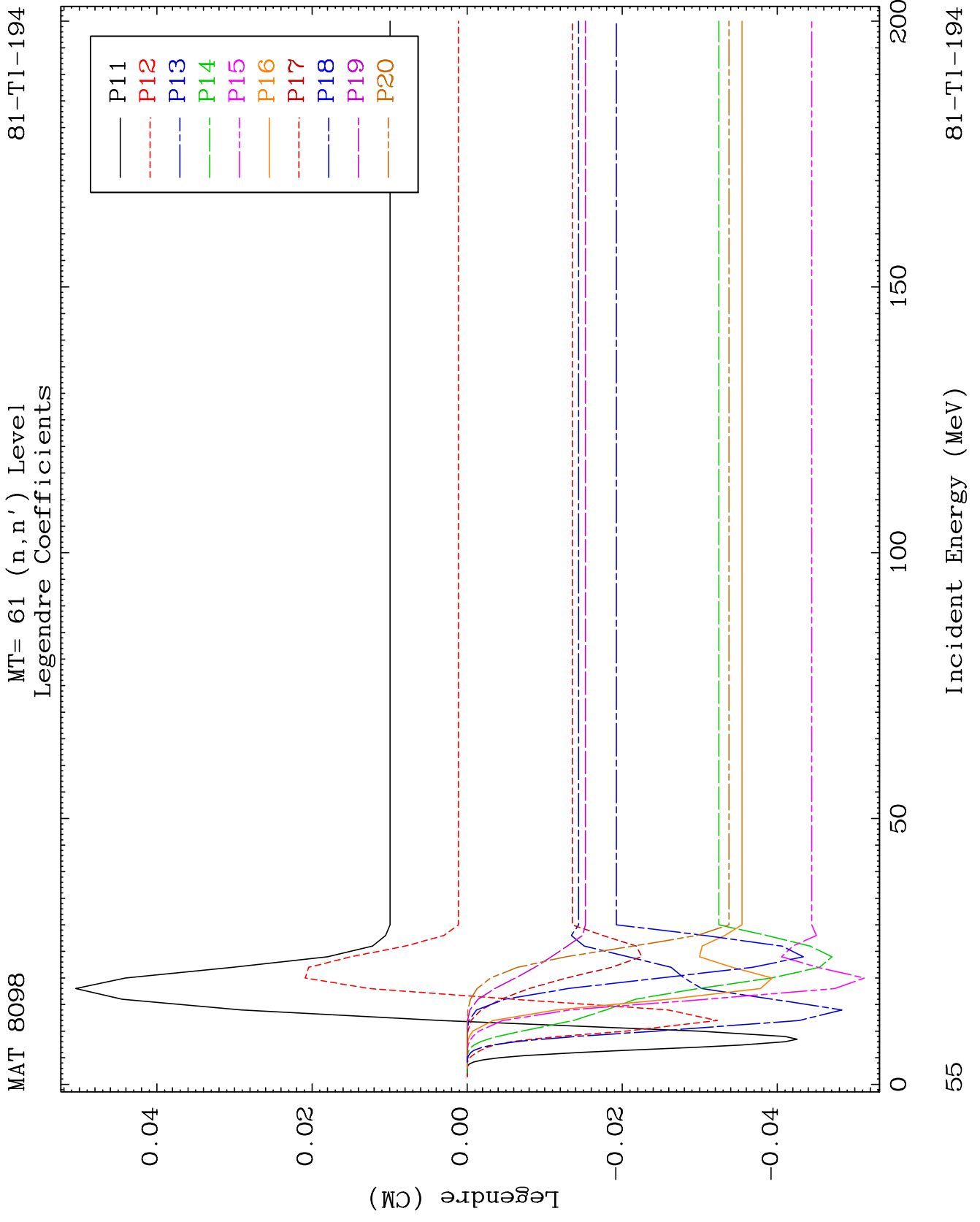
81-Tl-194



54

Incident Energy (MeV)

81-Tl-194

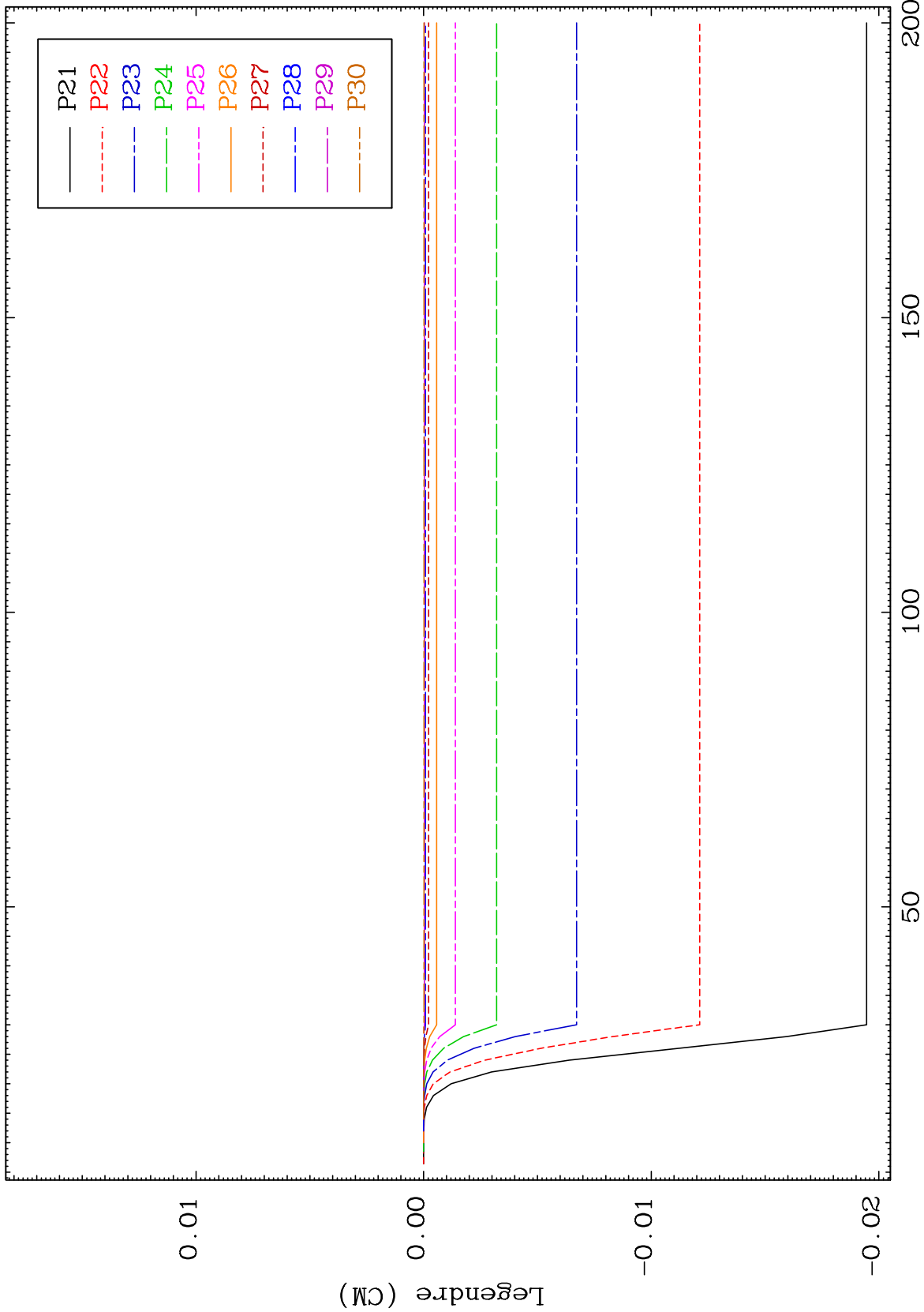




MAT 8098

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

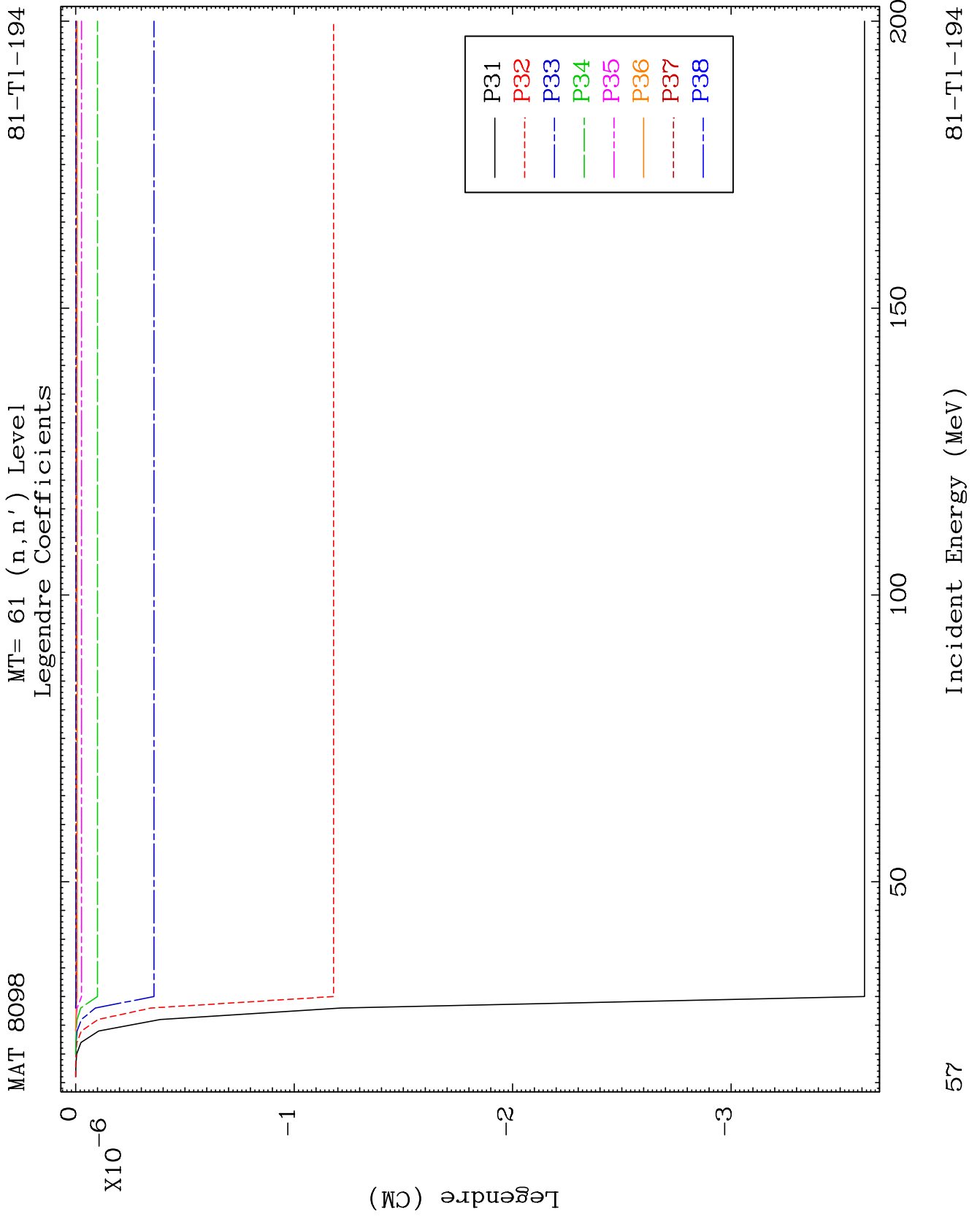
81-Tl-194



56

Incident Energy (MeV)

81-Tl-194

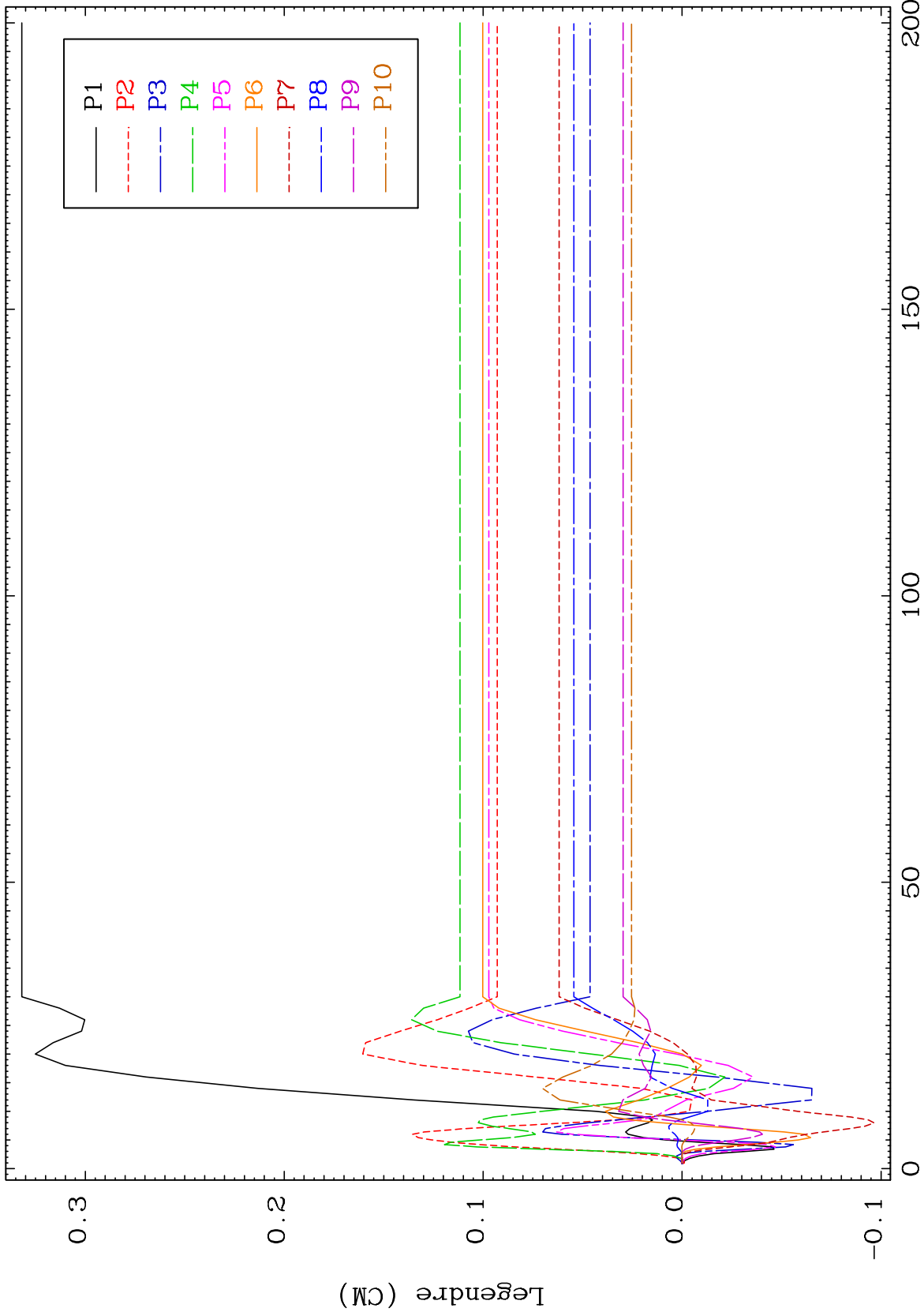


MAT 8098

MT= 62 (n,n') Level

81-Tl-194

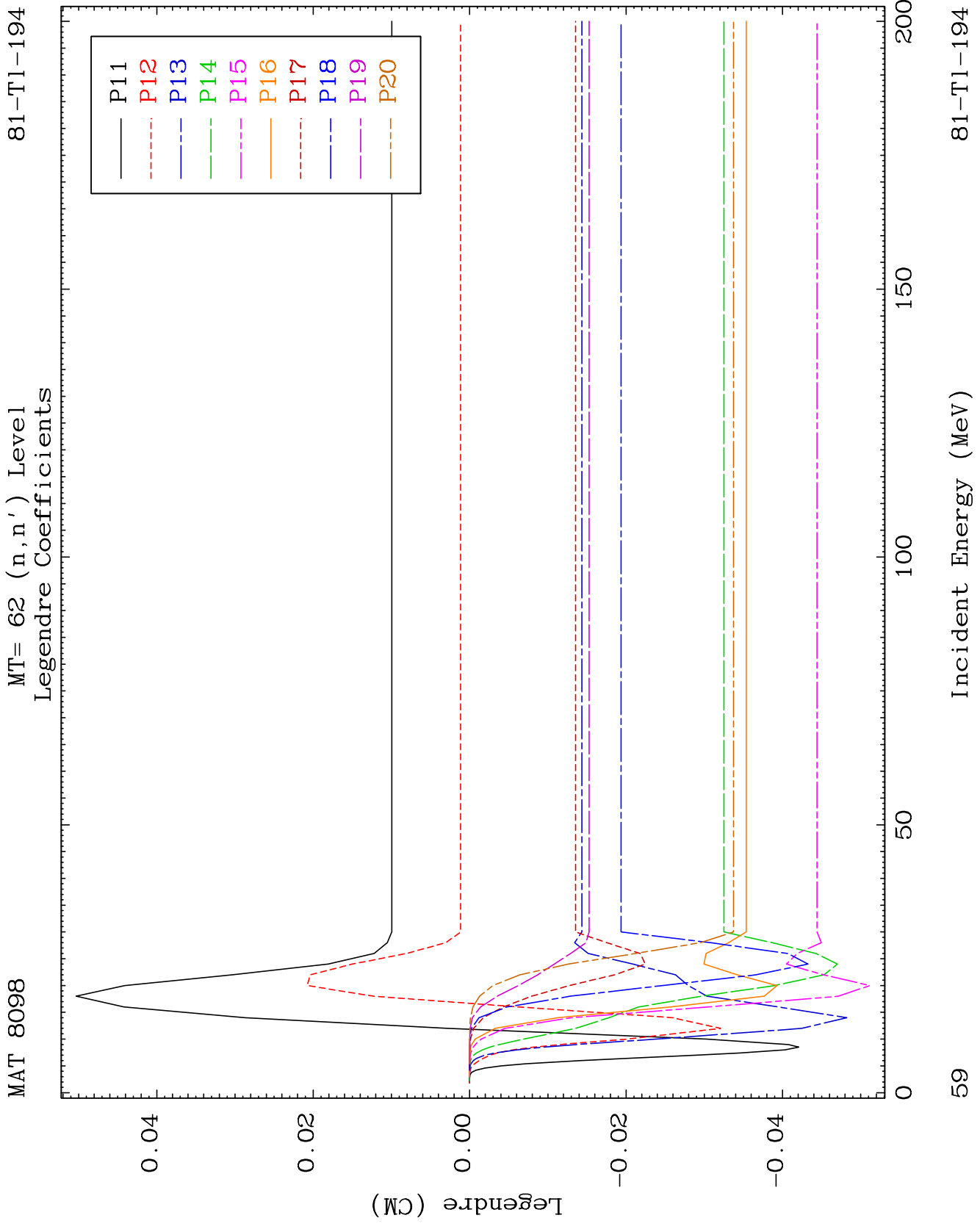
Legendre Coefficients



58

Incident Energy (MeV)

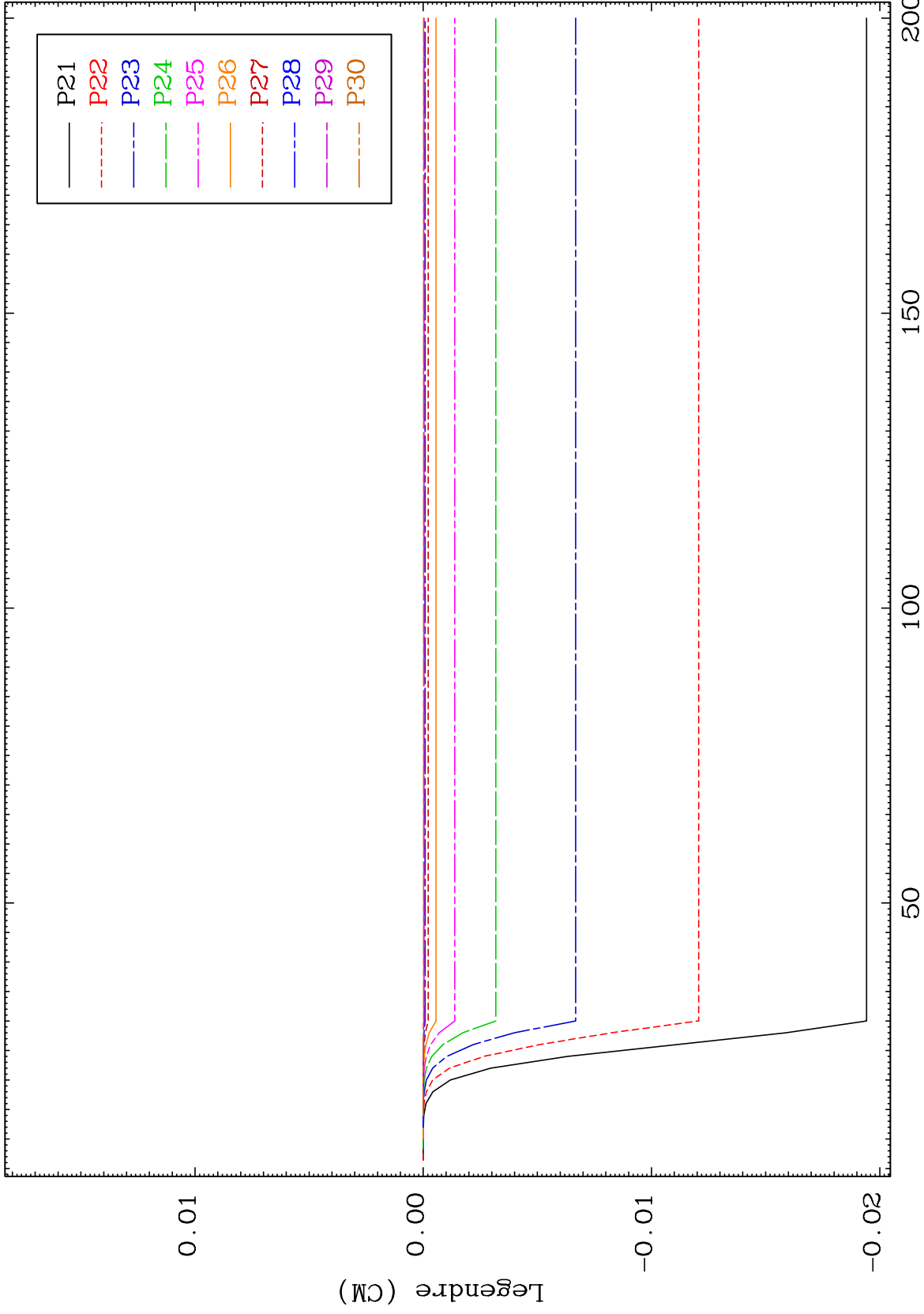
81-Tl-194



MAT 8098

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

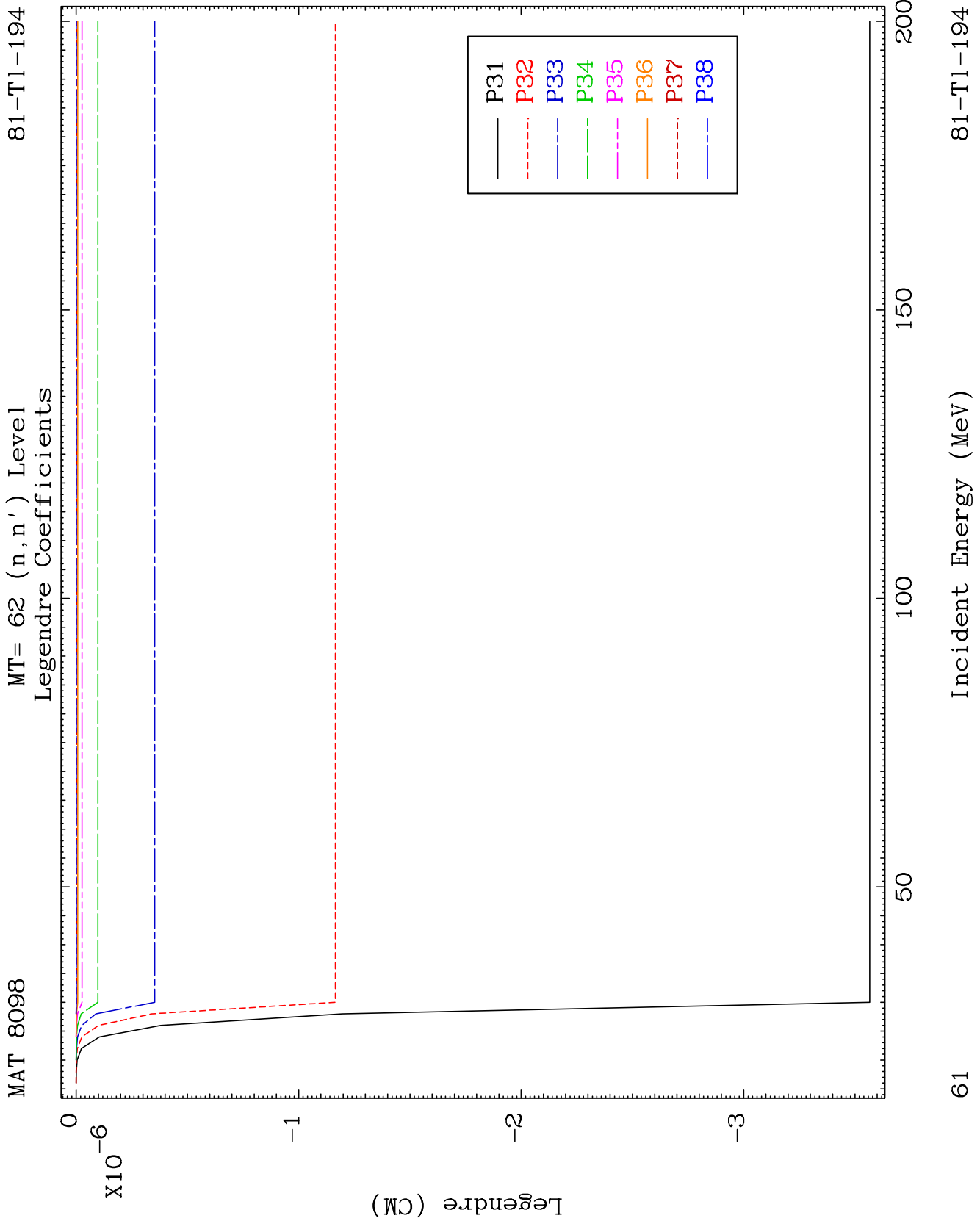
81-Tl-194



60

Incident Energy (MeV)

81-Tl-194

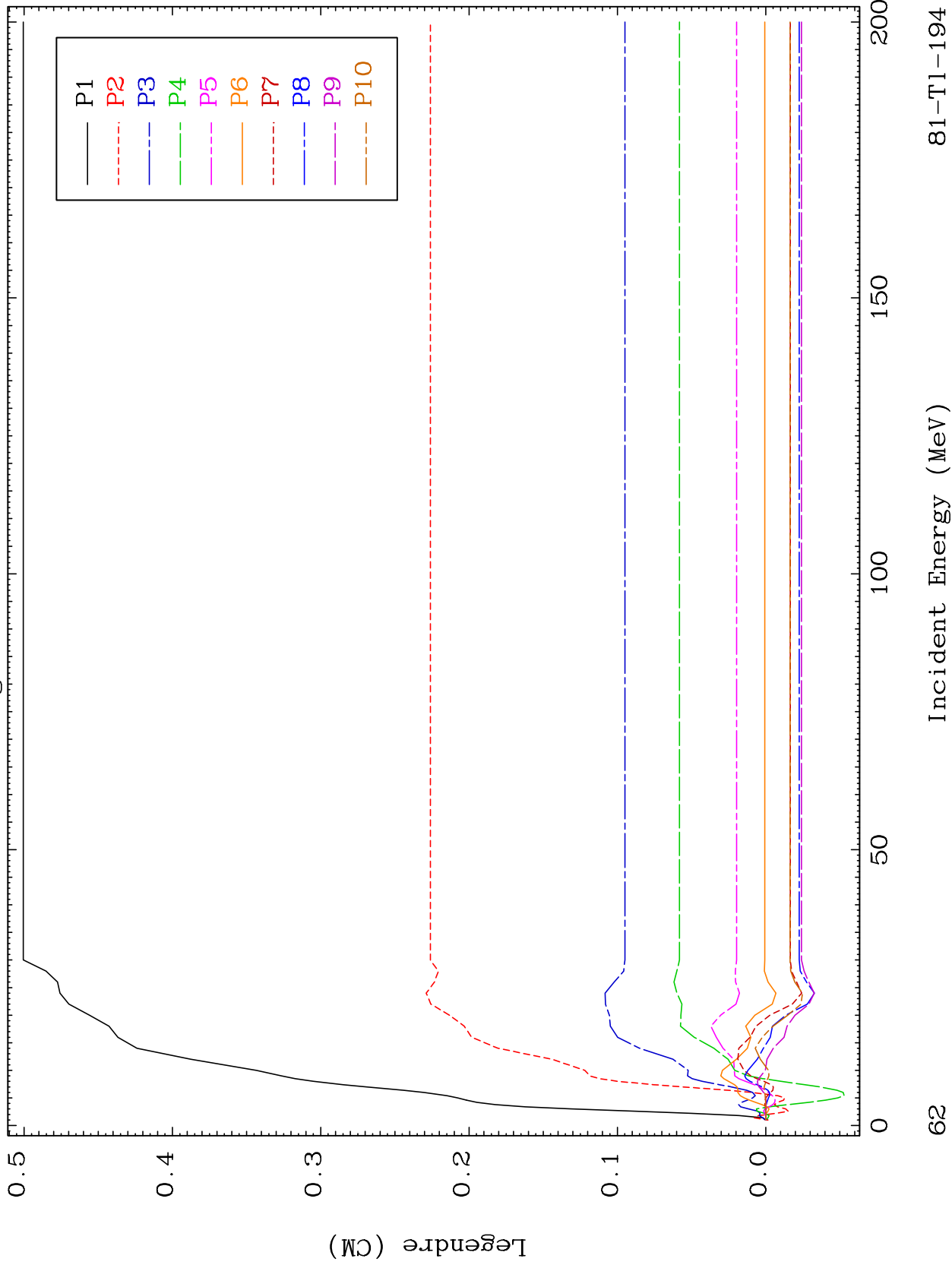


MAT 8098

MT= 63 (n,n') Level

81-Tl-194

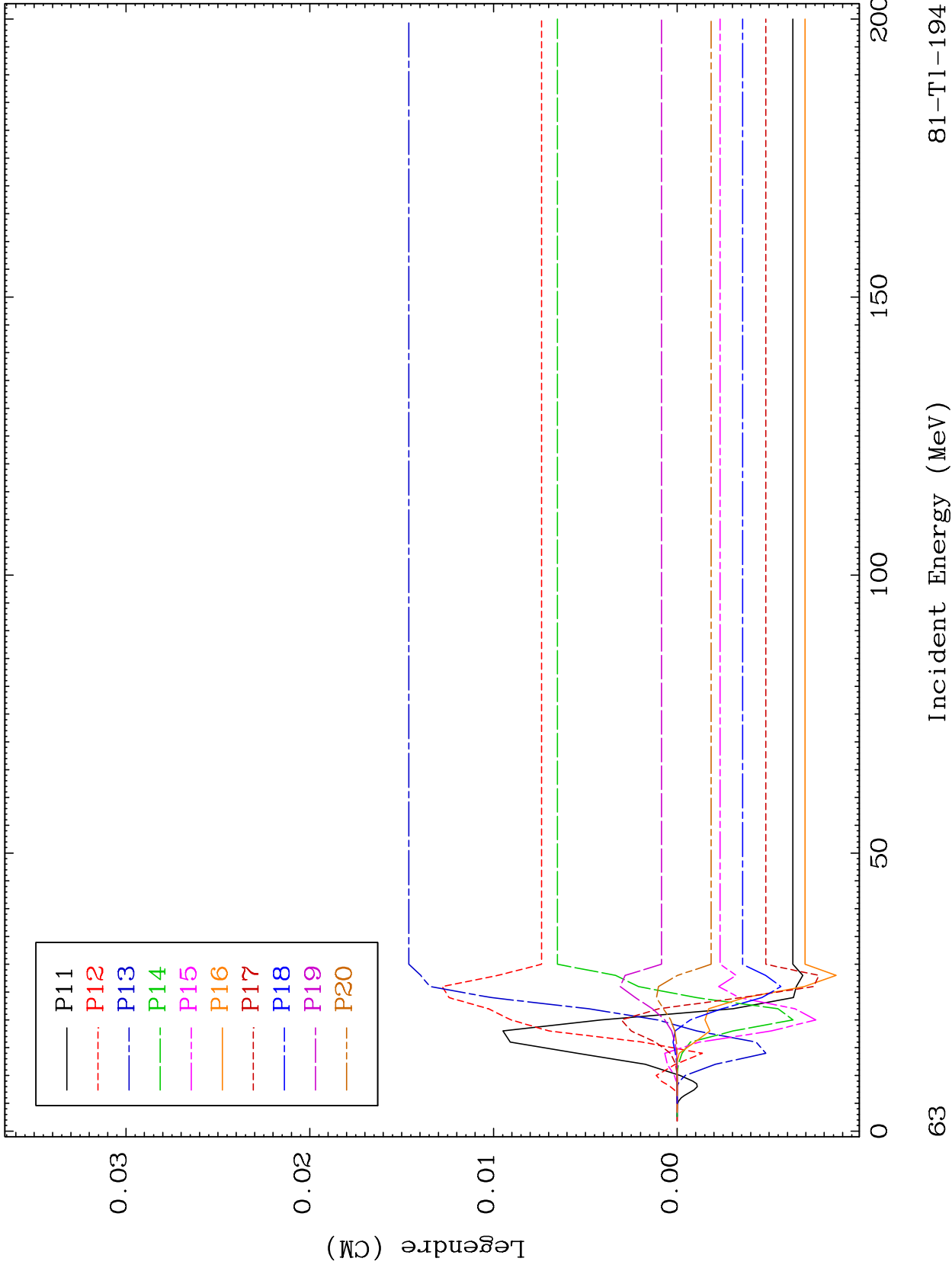
Legendre Coefficients



MAT 8098

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

81-Tl-194



63

Incident Energy (MeV)

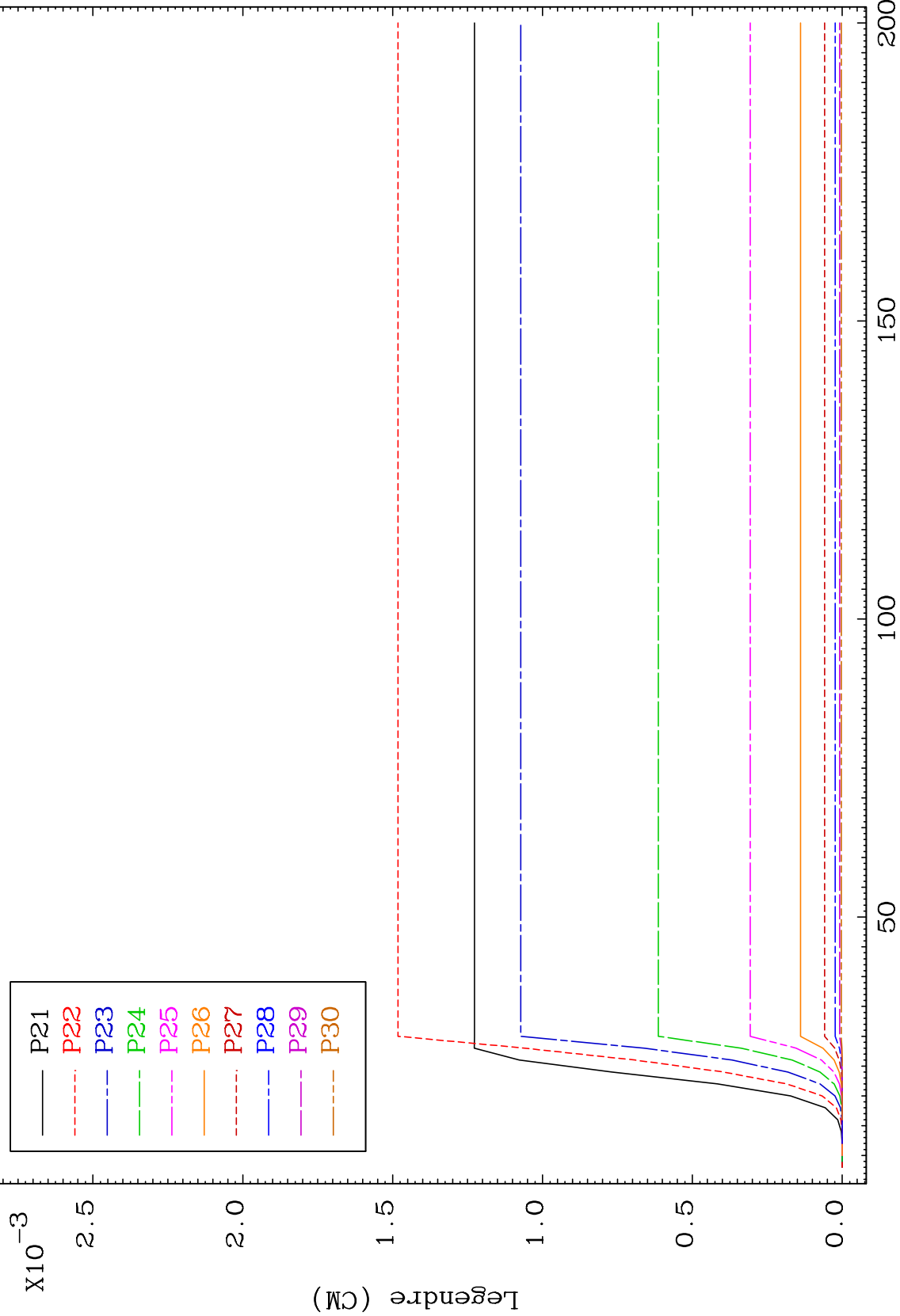
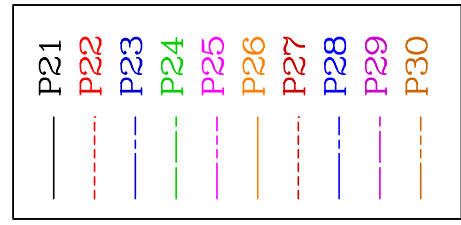
81-Tl-194



MAT 8098

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

81-Tl-194



64

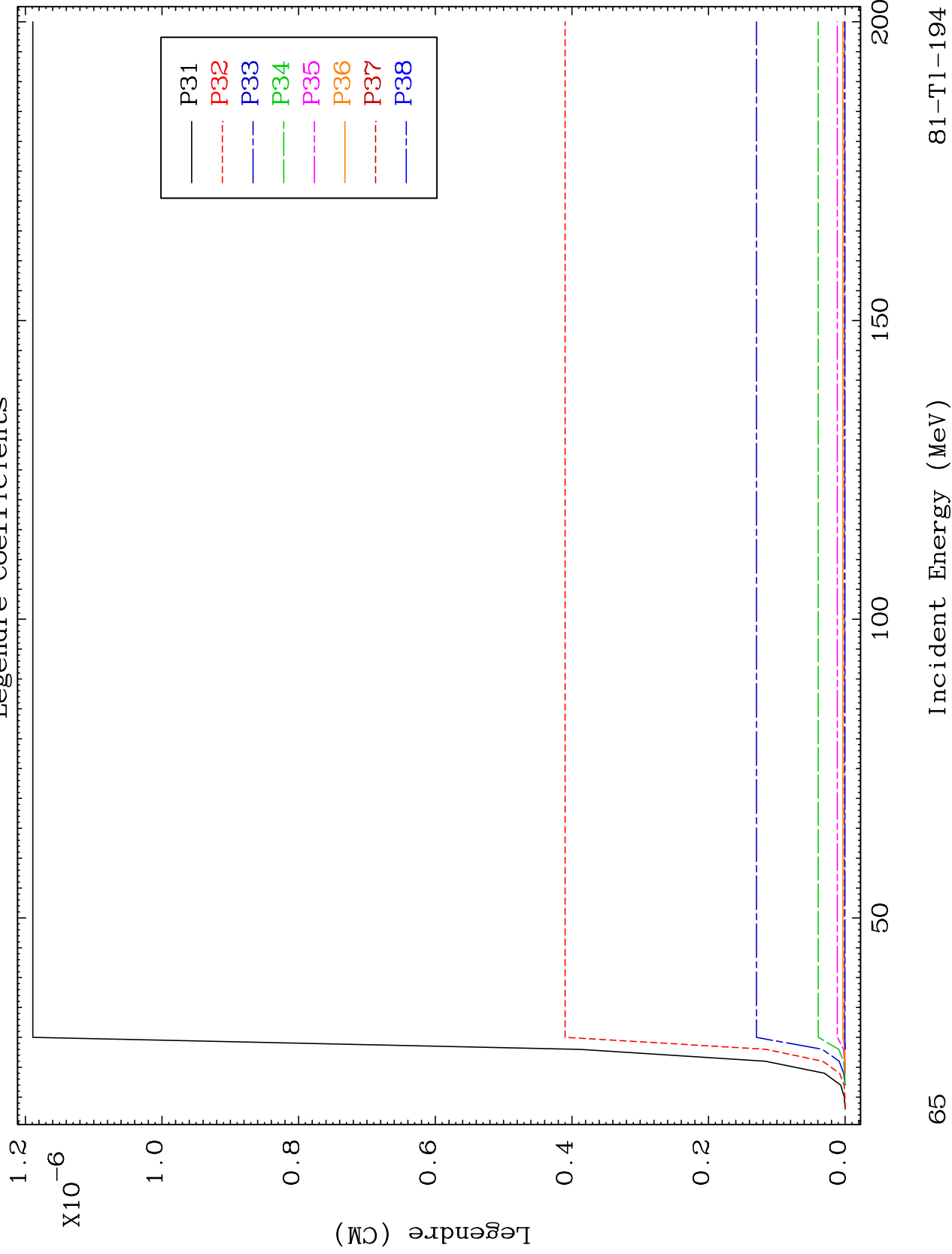
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

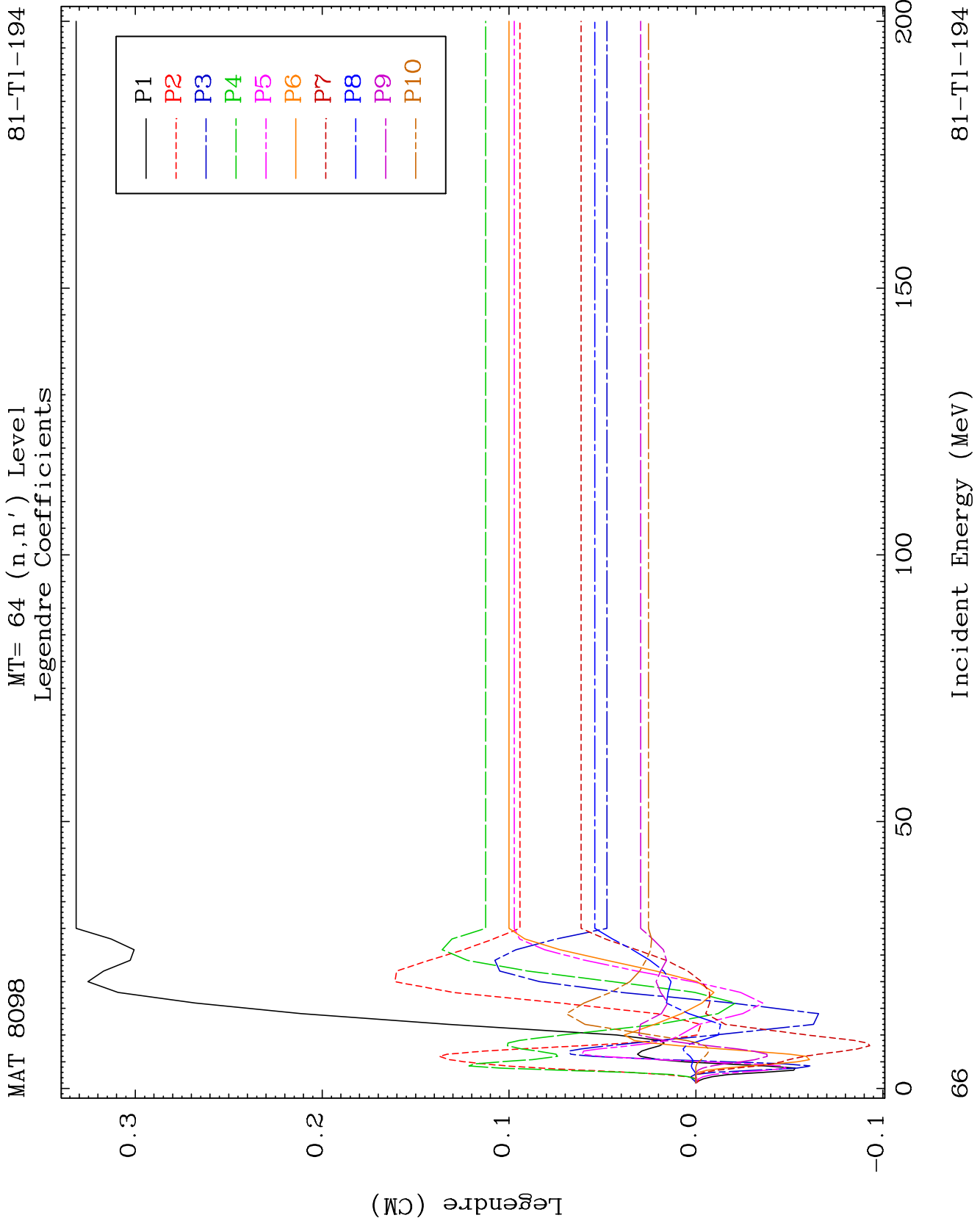
81-Tl-194



65

Incident Energy (MeV)

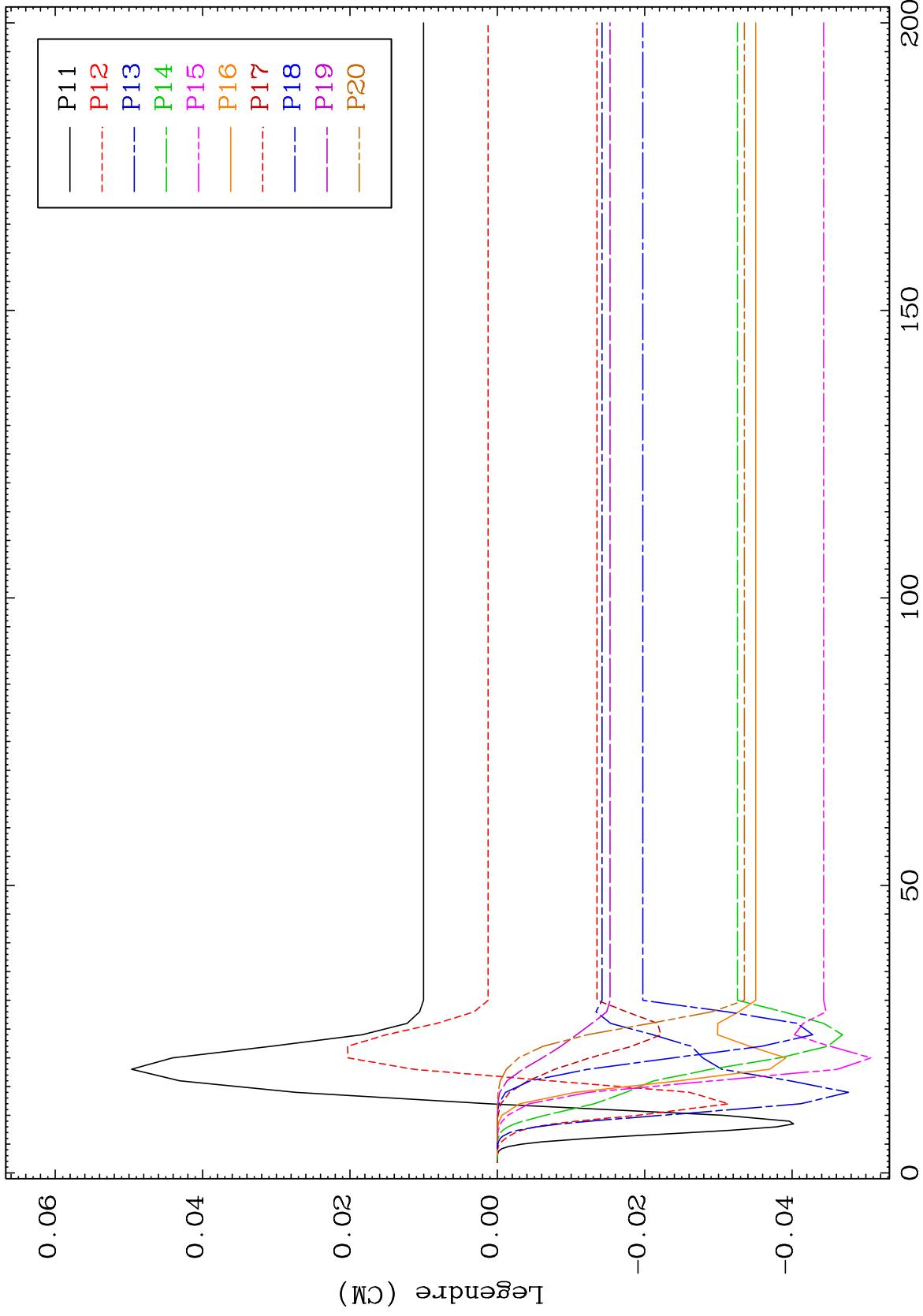
81-Tl-194



MAT 8098

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

81-Tl-194



67

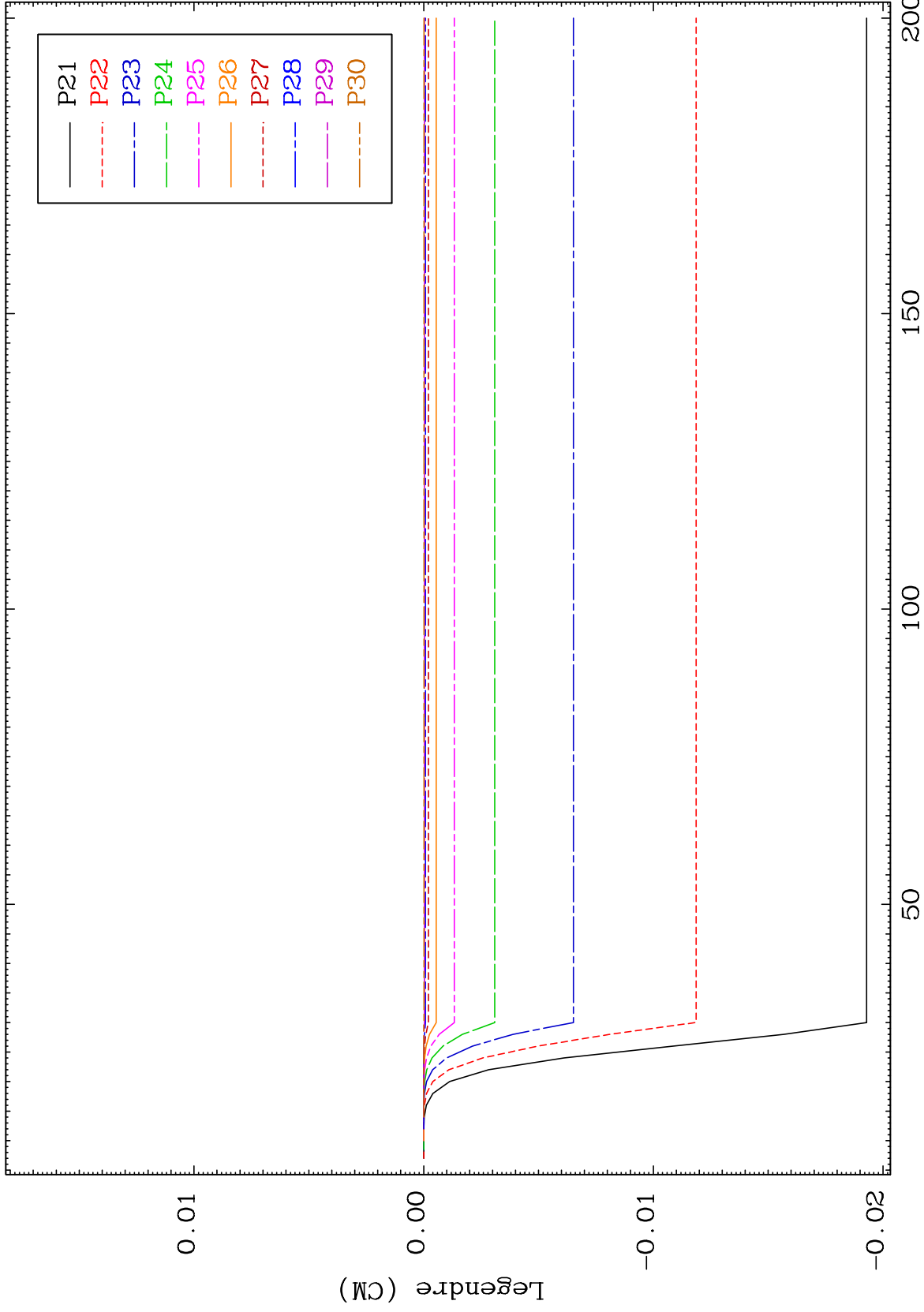
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

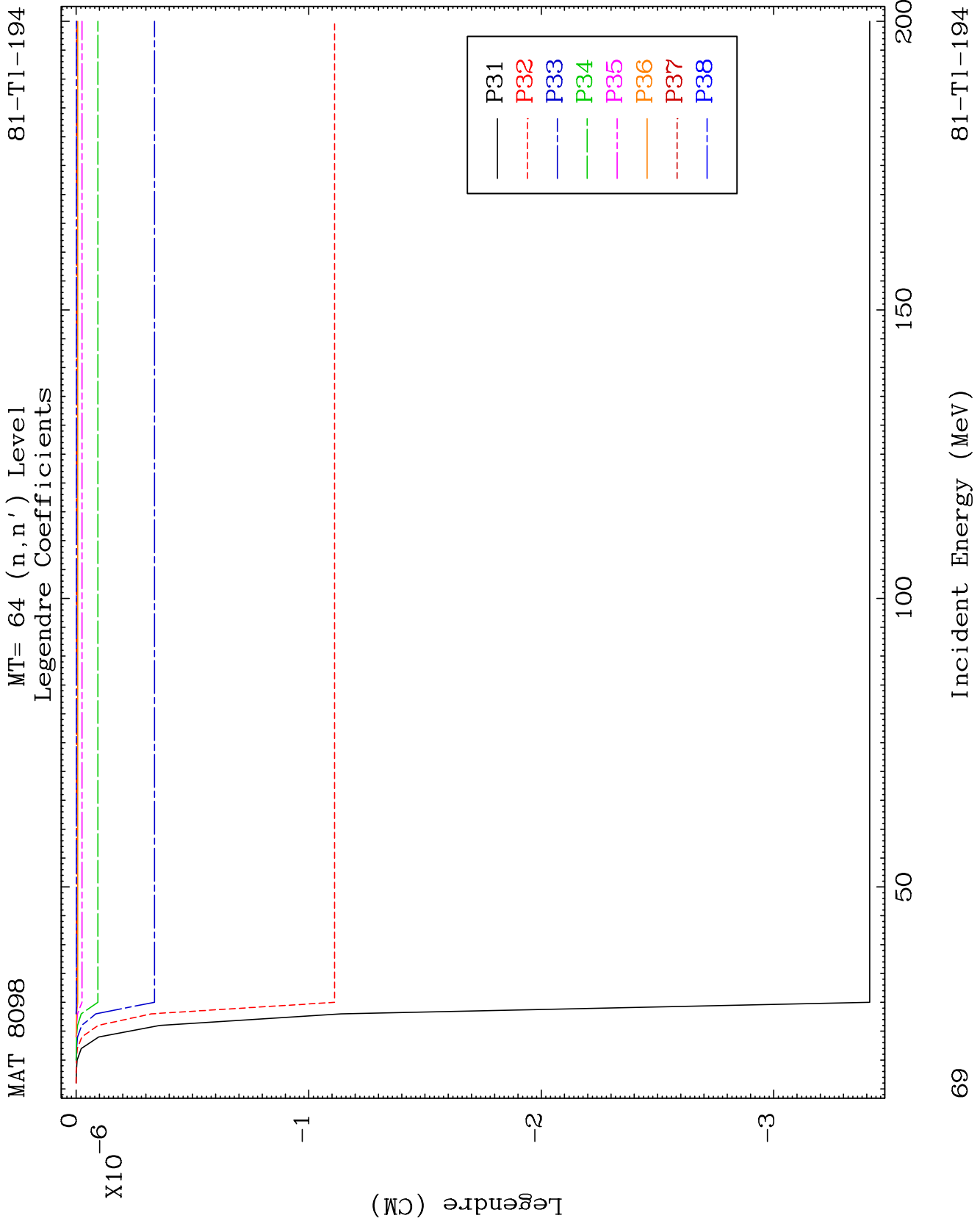
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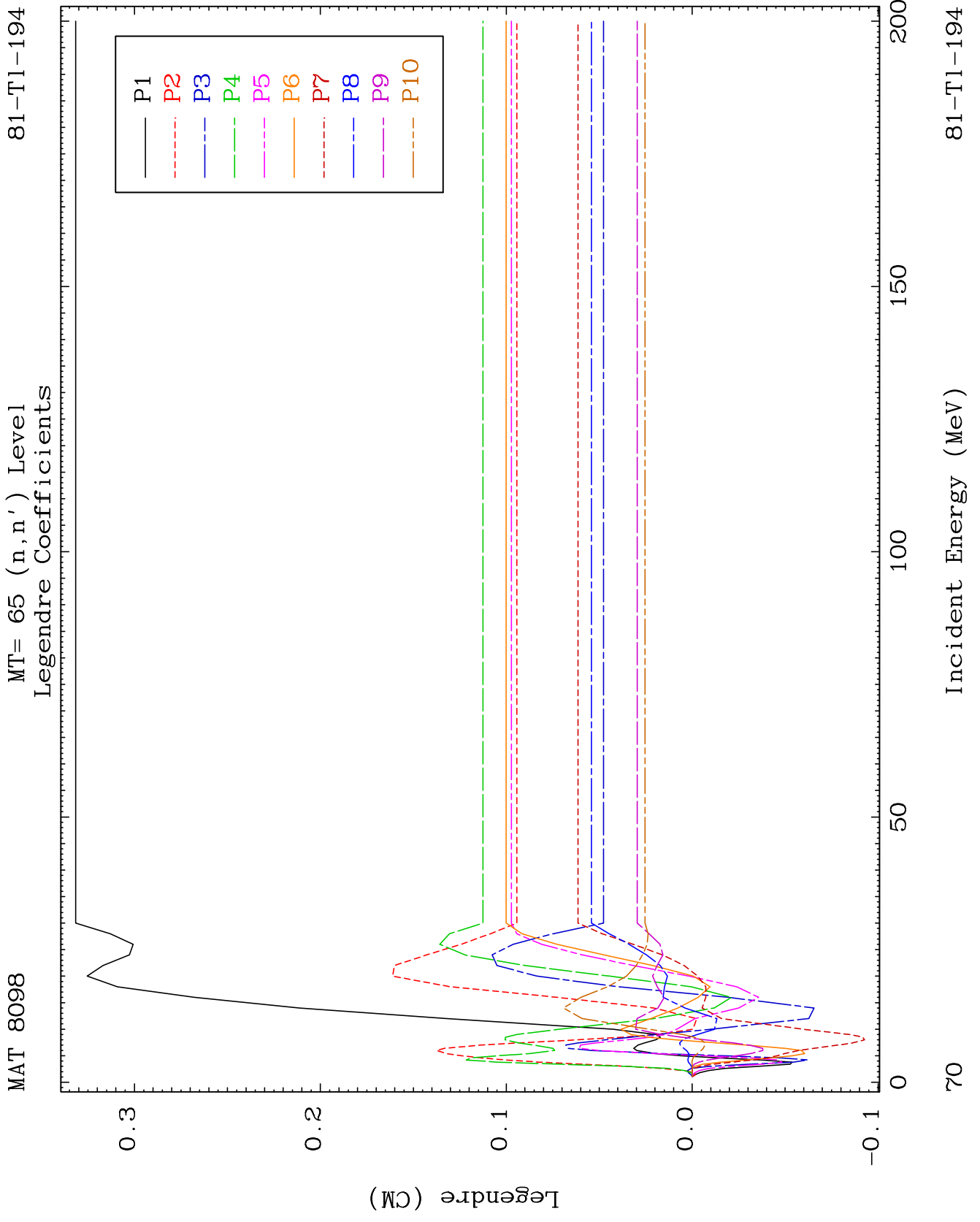


68

Incident Energy (MeV)

81-Tl-194

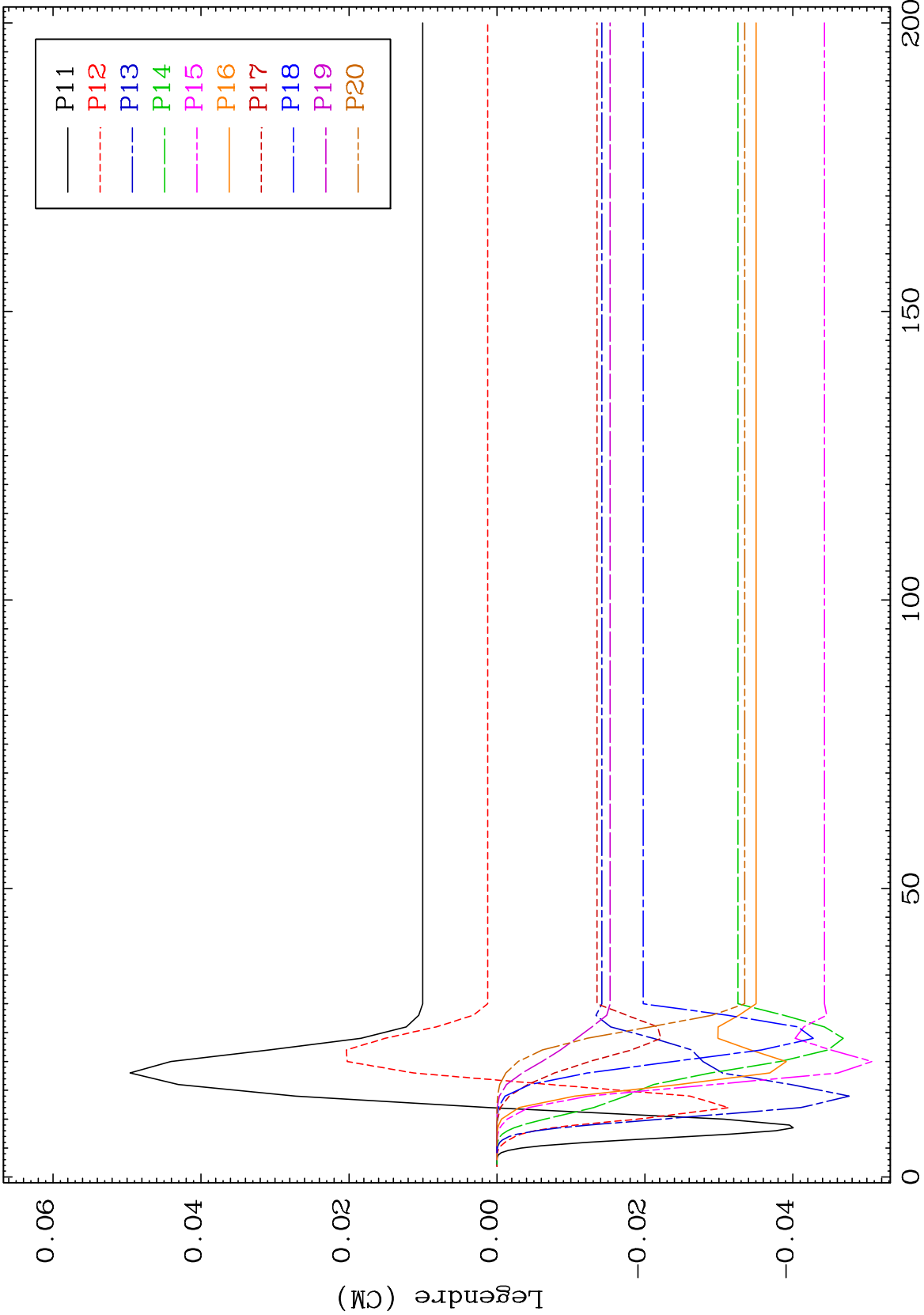




MAT 8098

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

81-Tl-194



71

Incident Energy (MeV)

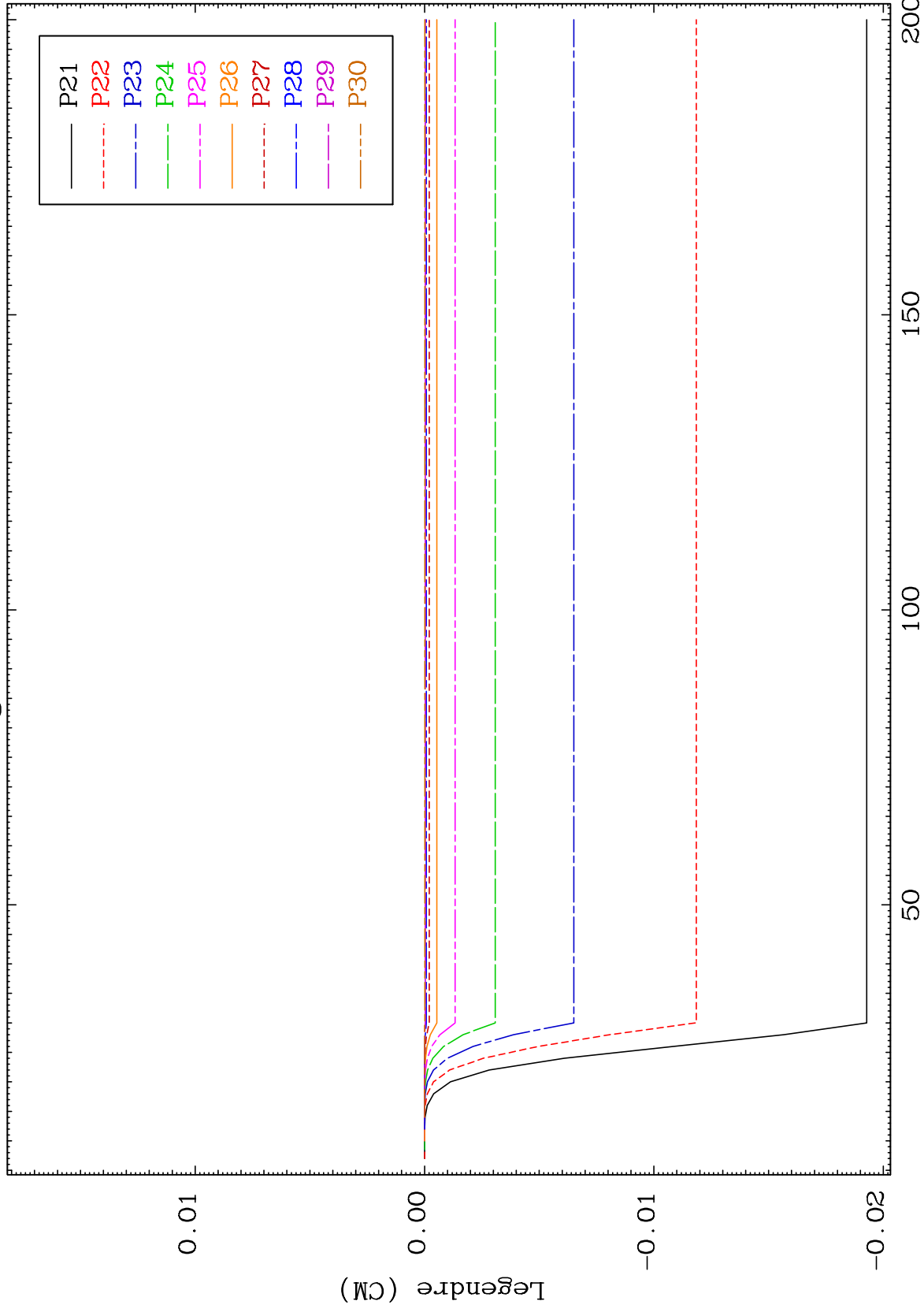
81-Tl-194



MAT 8098

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

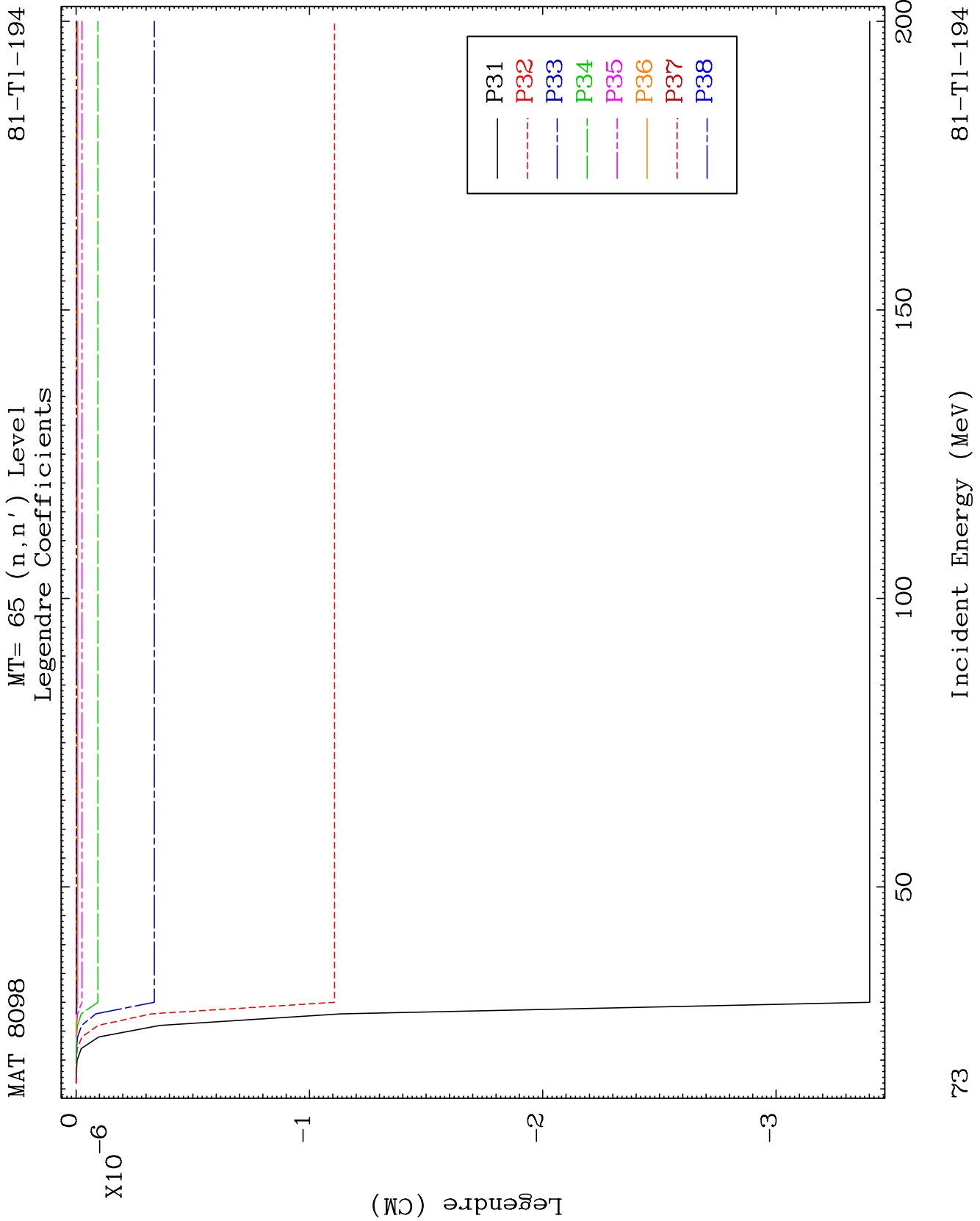
81-Tl-194



72

Incident Energy (MeV)

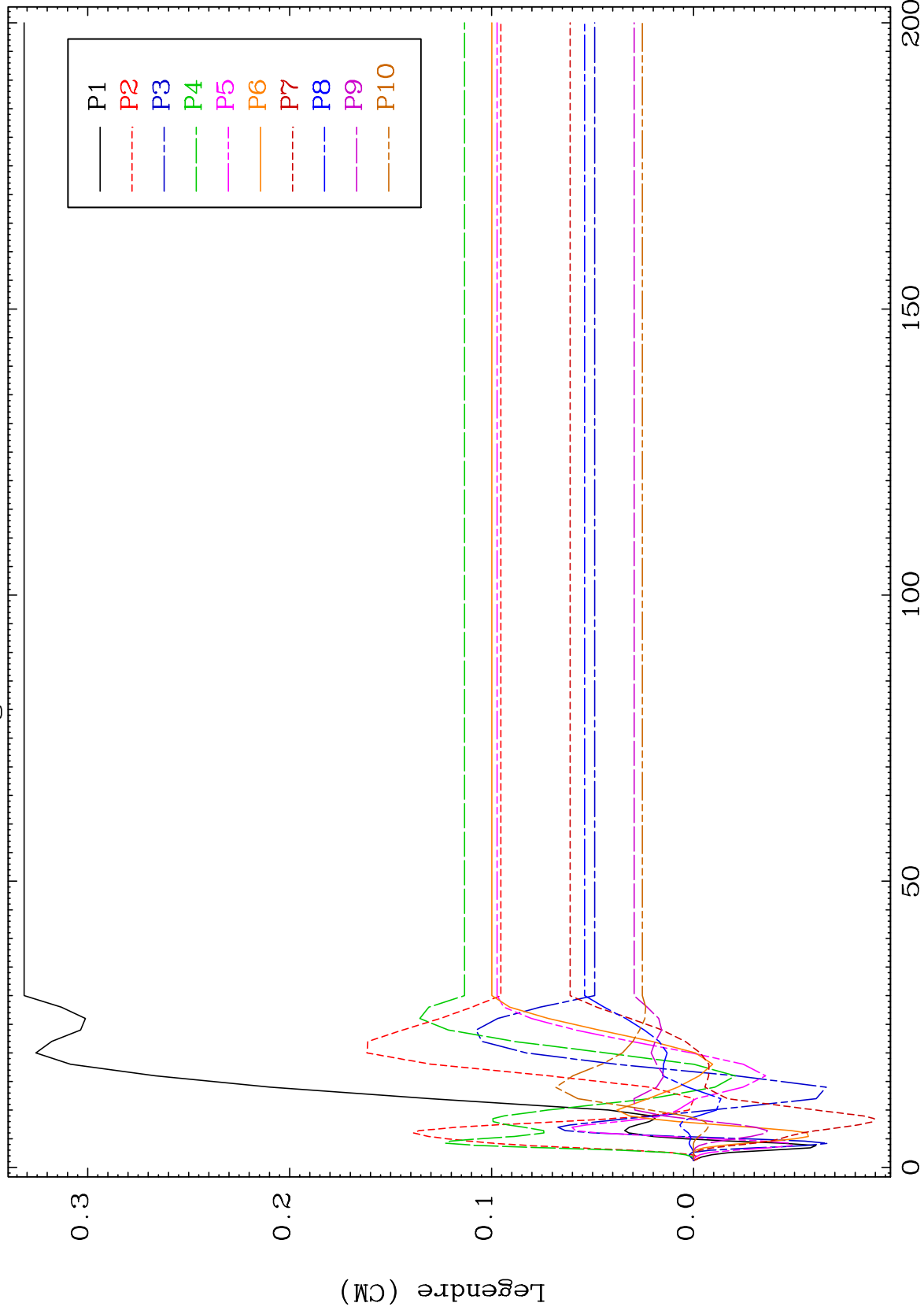
81-Tl-194



MAT 8098

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

81-Tl-194



74

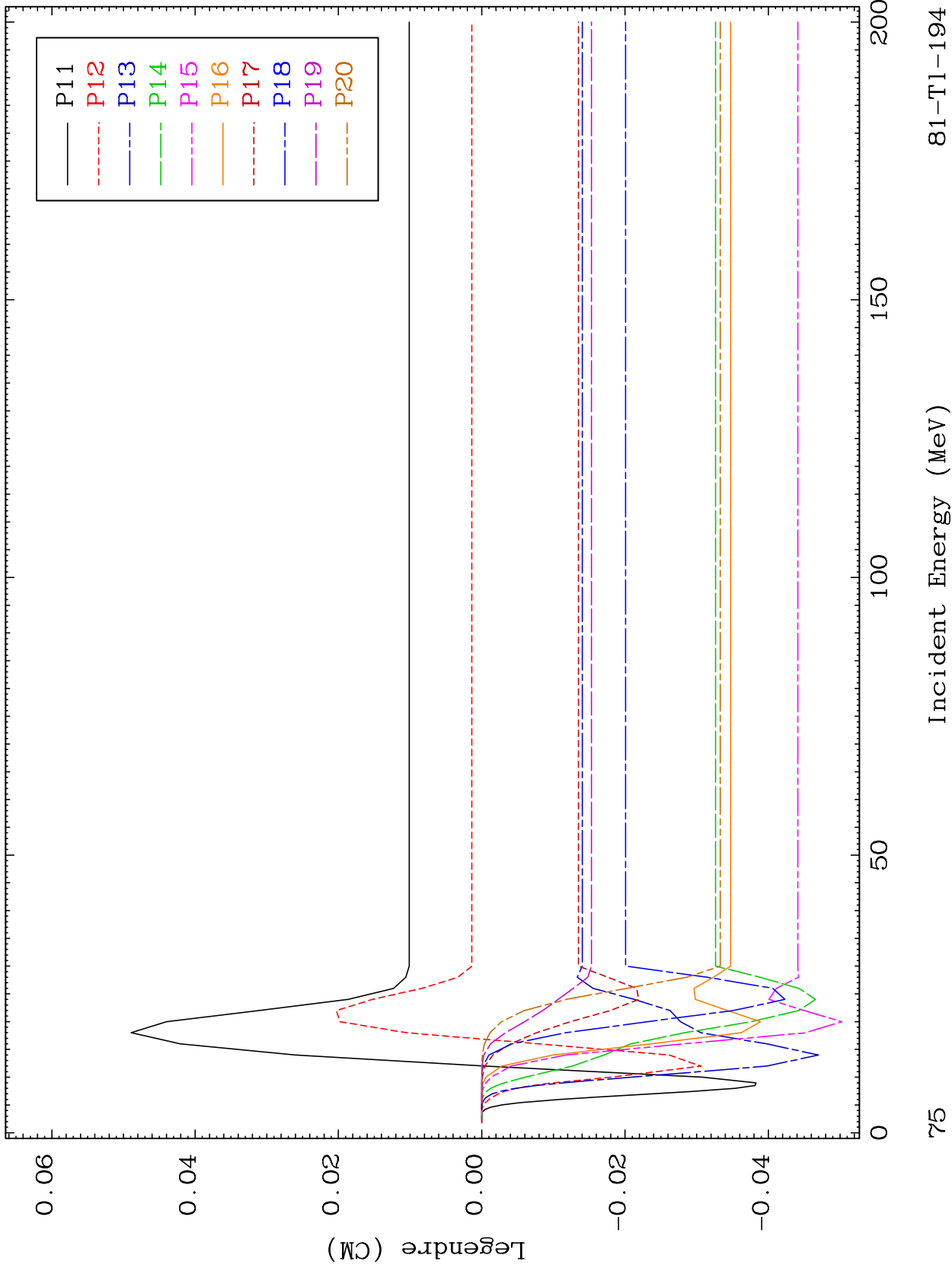
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



81-Tl-194

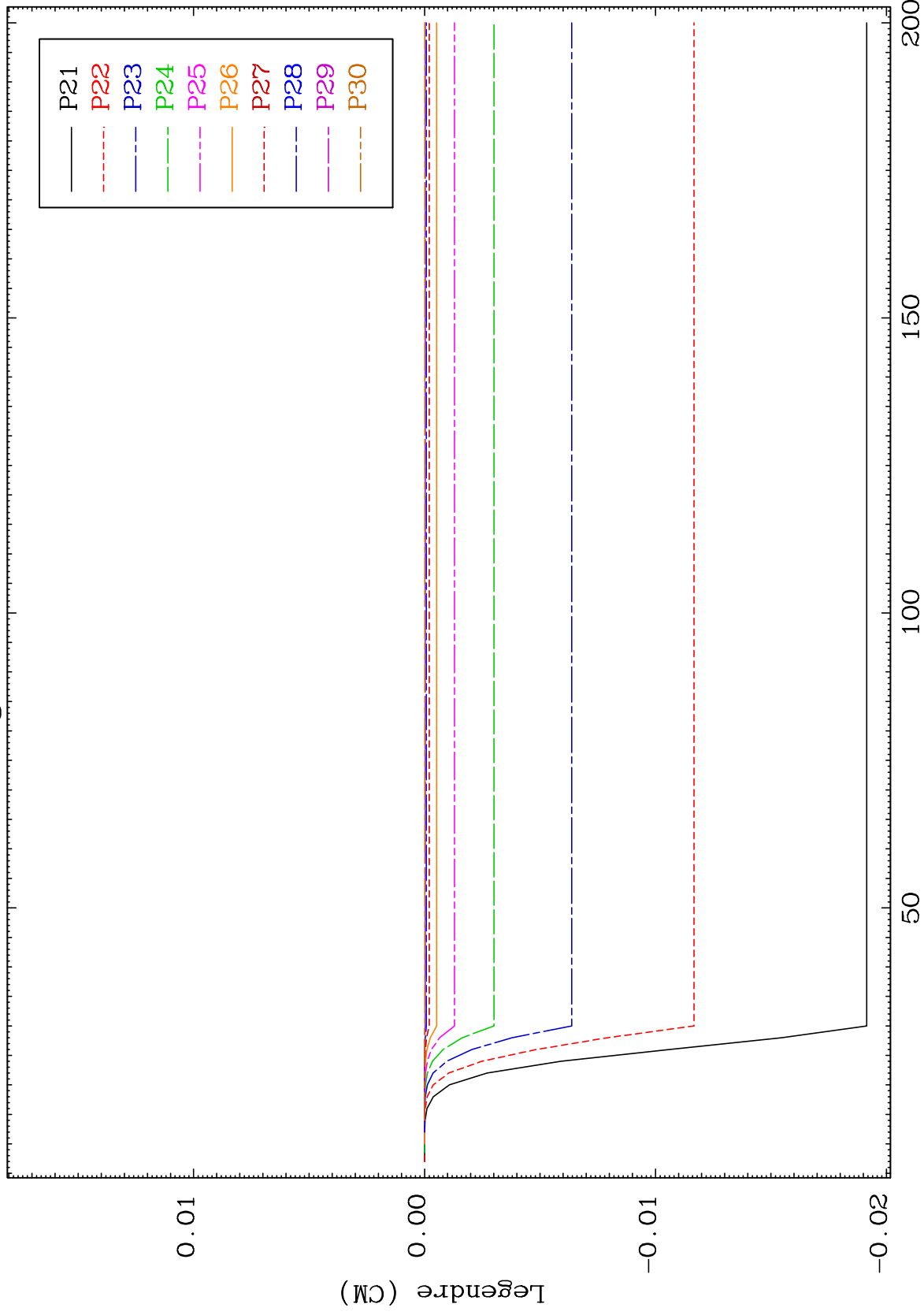
Incident Energy (MeV)

75

MAT 8098

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

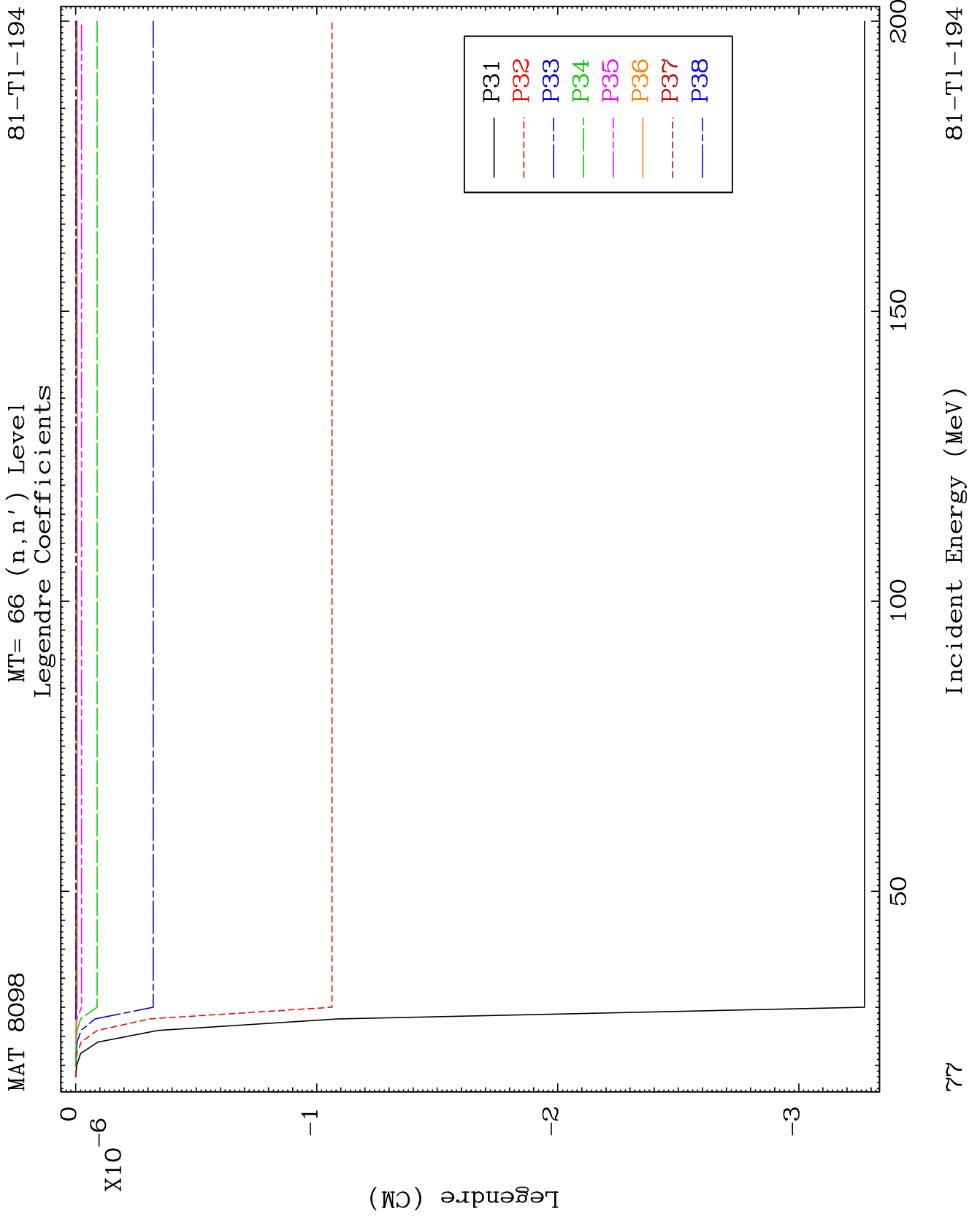
81-Tl-194



76

Incident Energy (MeV)

81-Tl-194

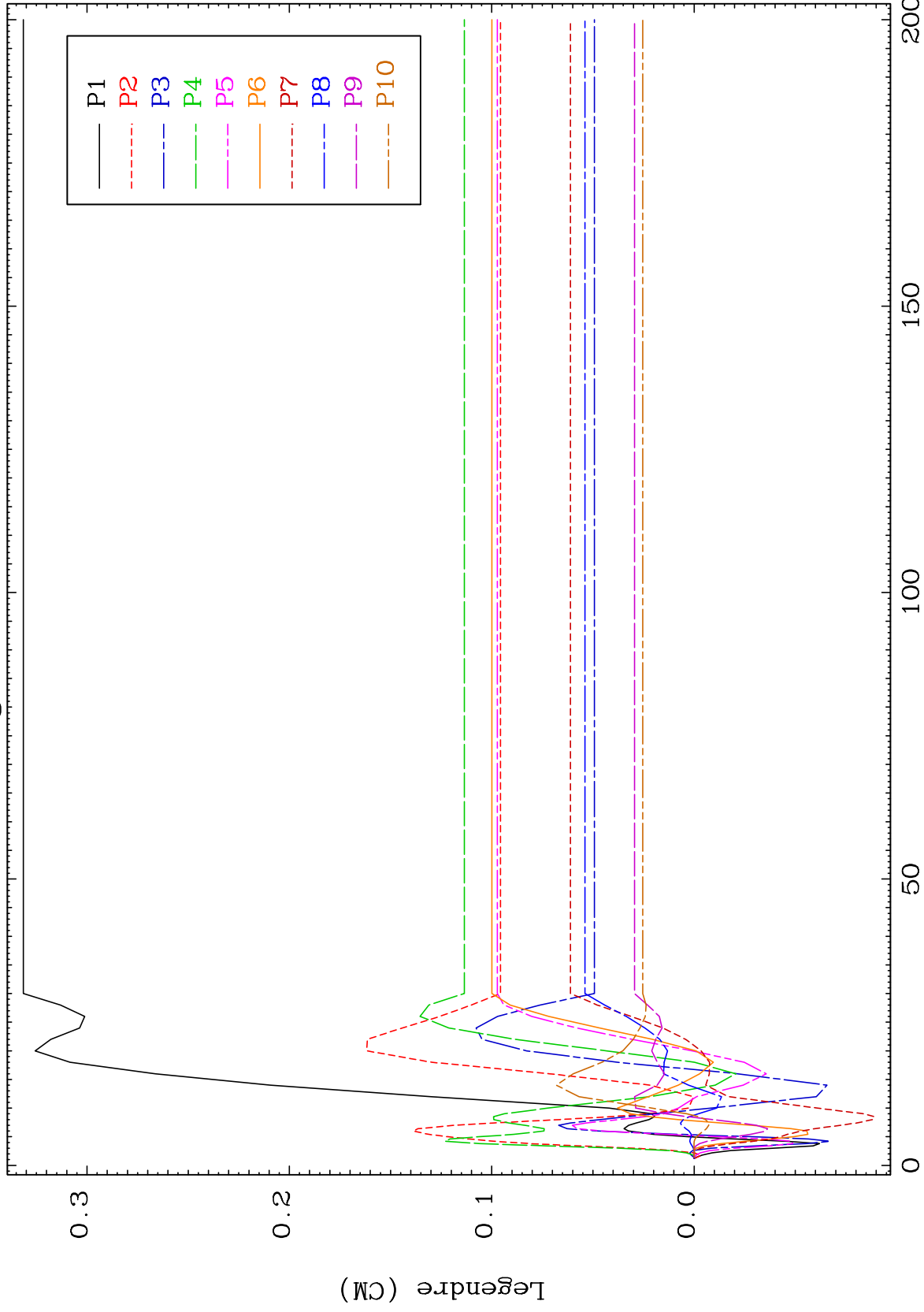


MAT 8098

MT= 67 (n,n') Level

81-Tl-194

Legendre Coefficients



78

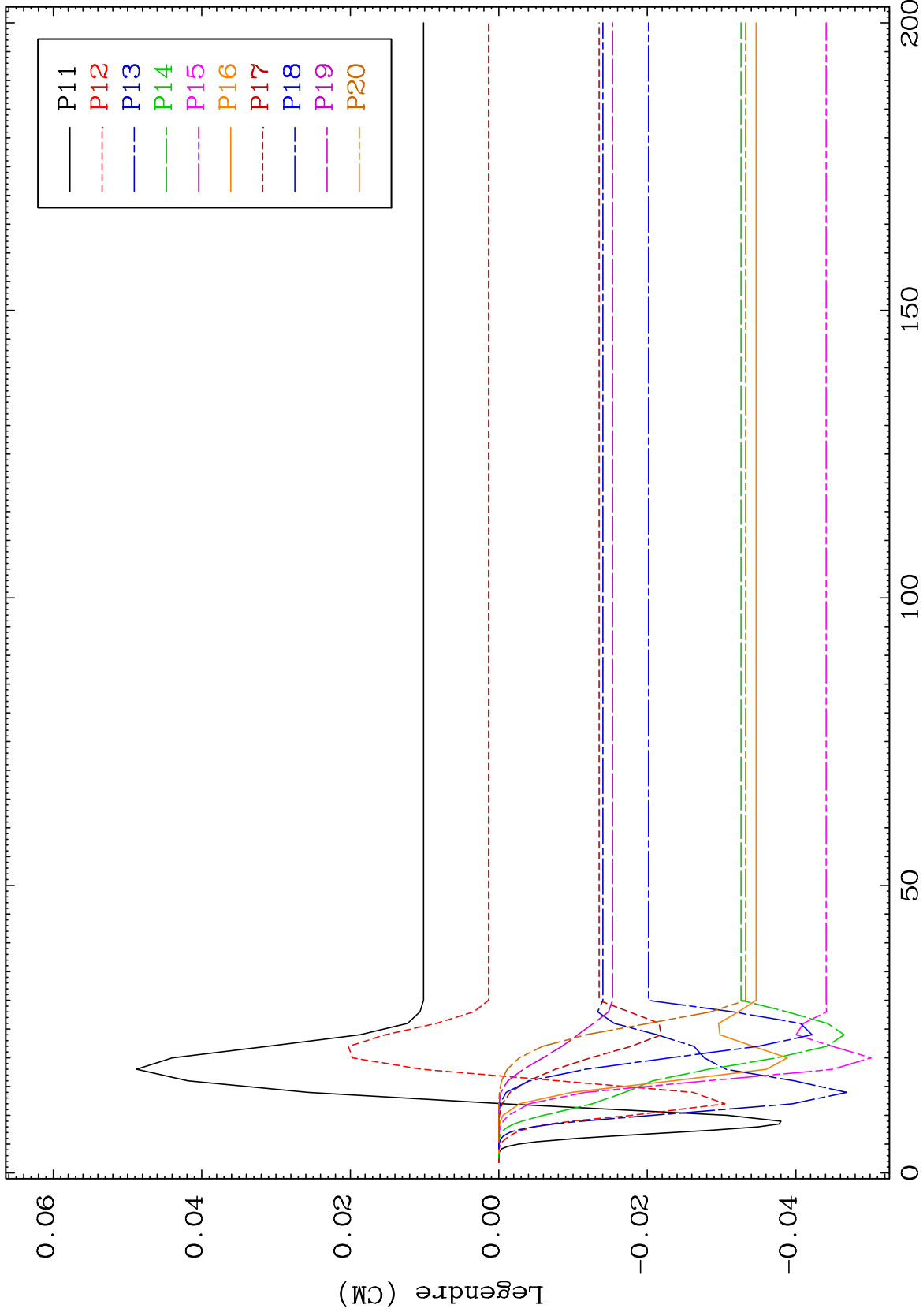
81-Tl-194

81-Tl-194

MAT 8098

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

81-Tl-194



79

Incident Energy (MeV)

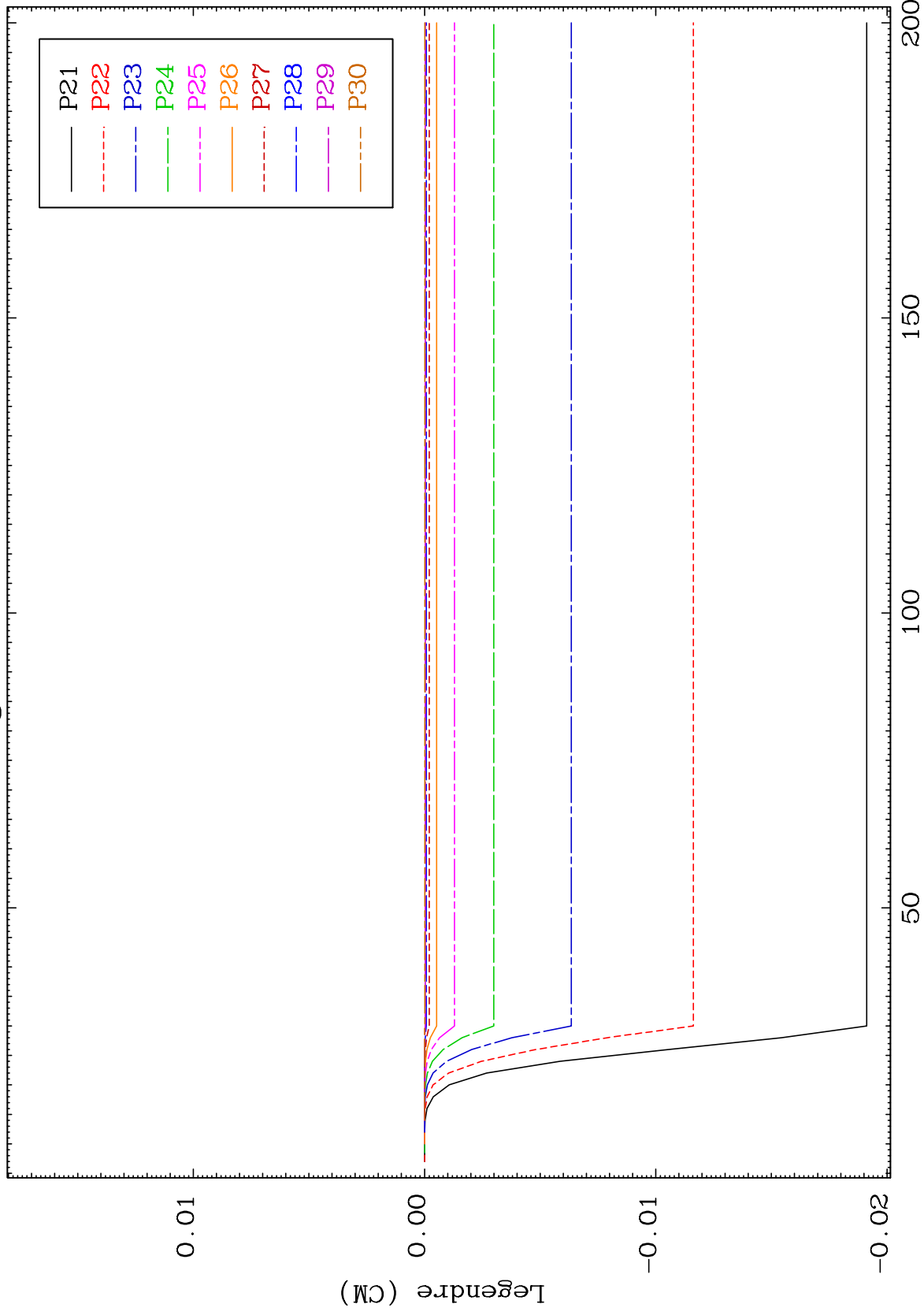
81-Tl-194



MAT 8098

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

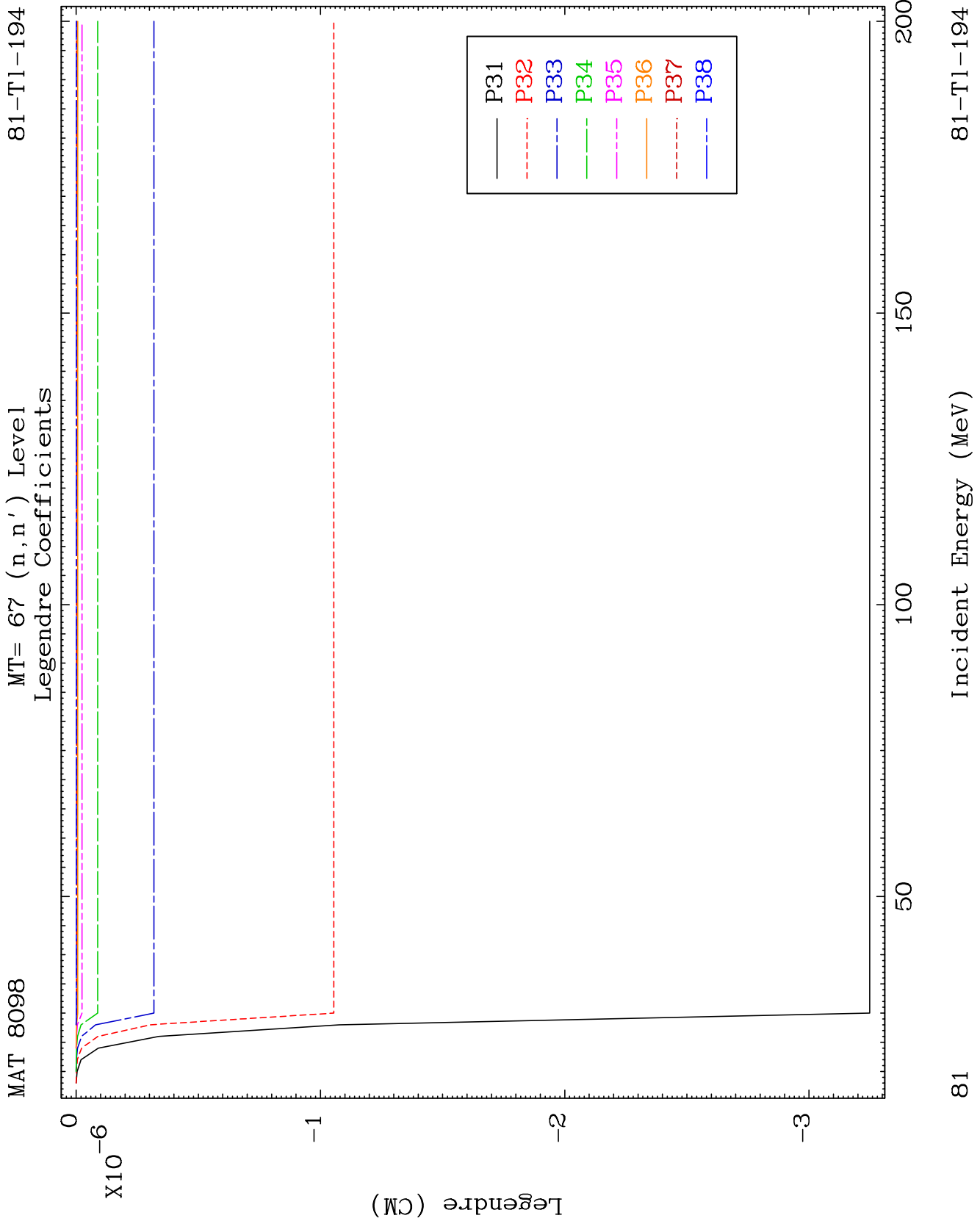
81-Tl-194

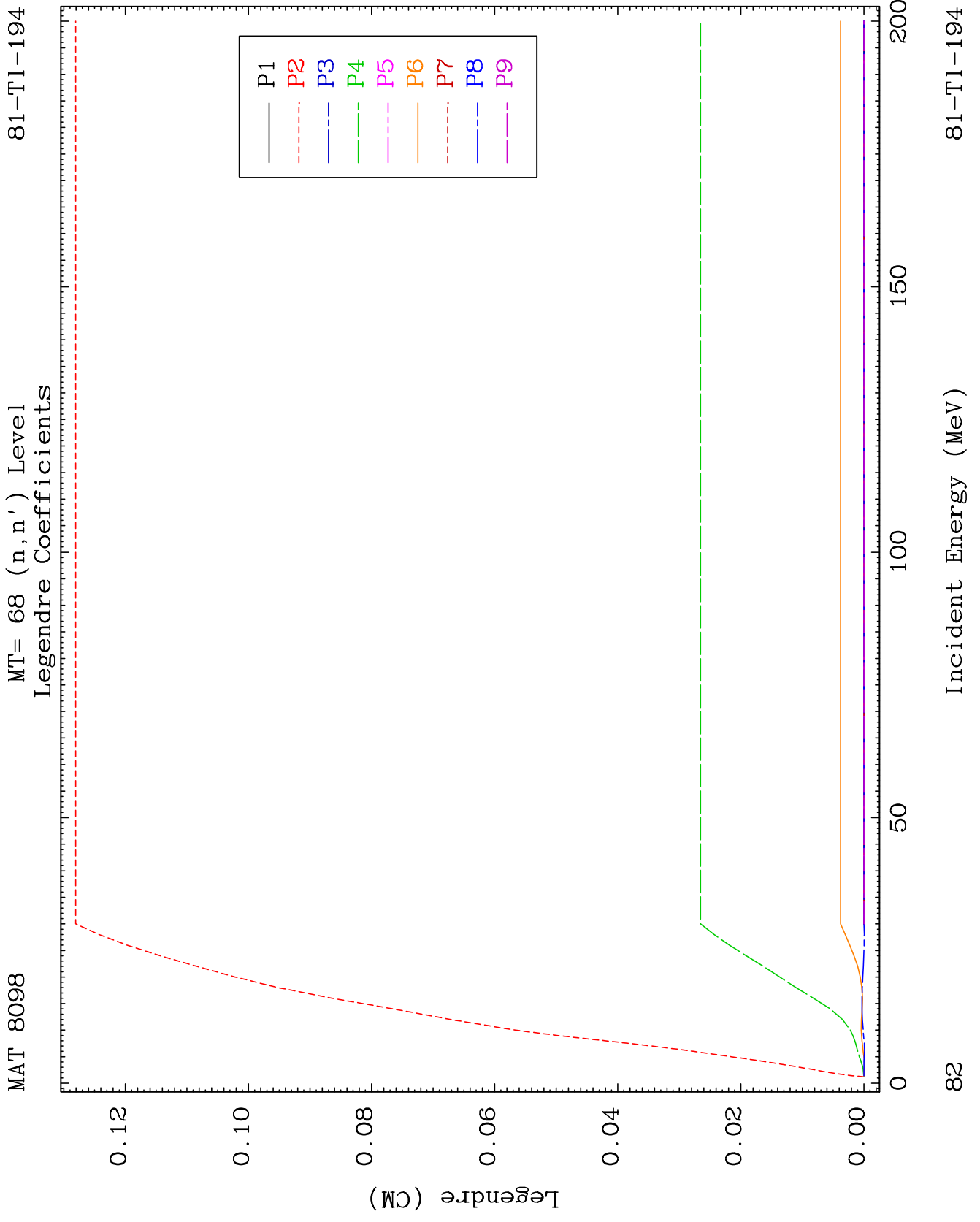


80

Incident Energy (MeV)

81-Tl-194

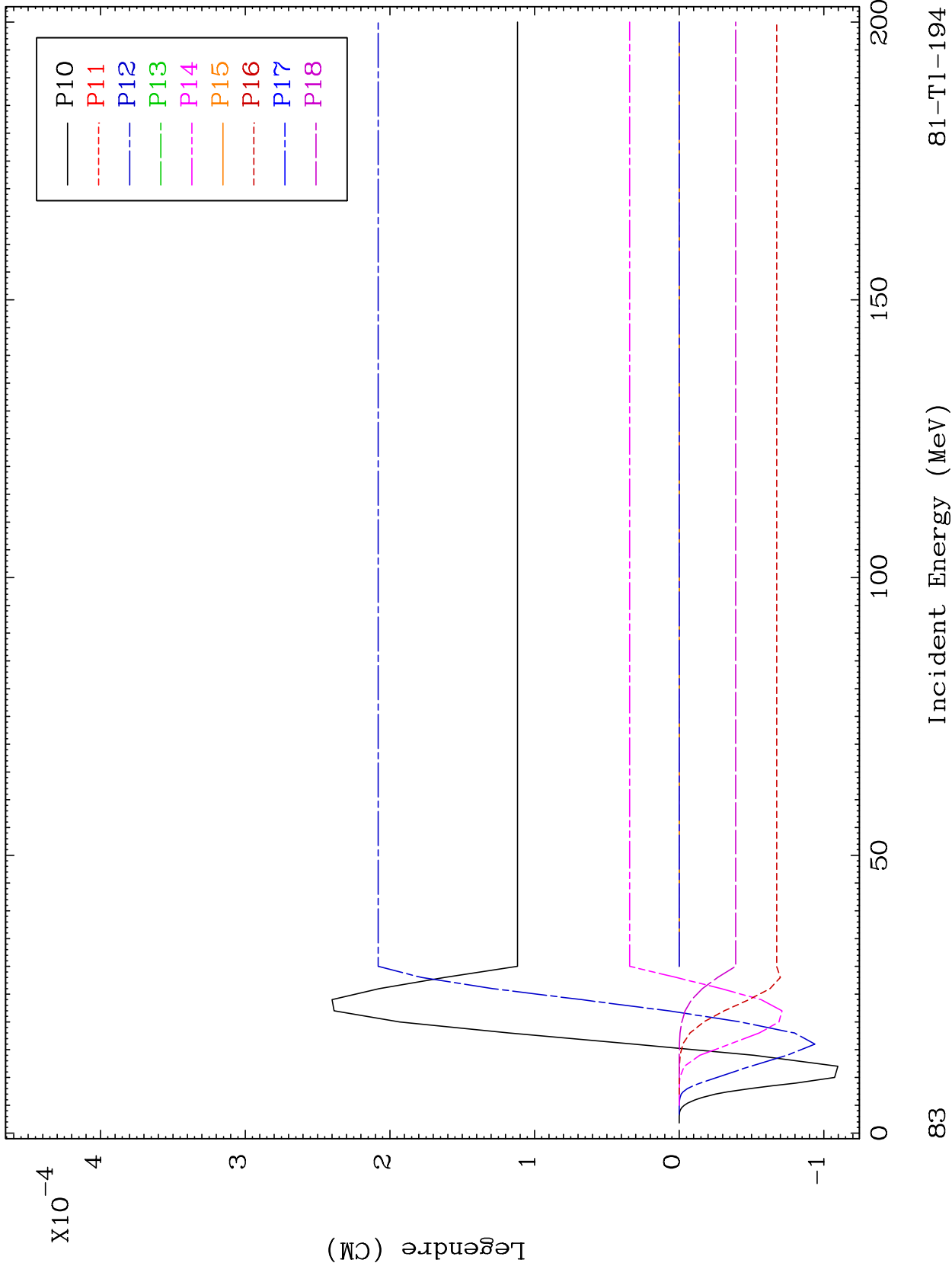




MAT 8098

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

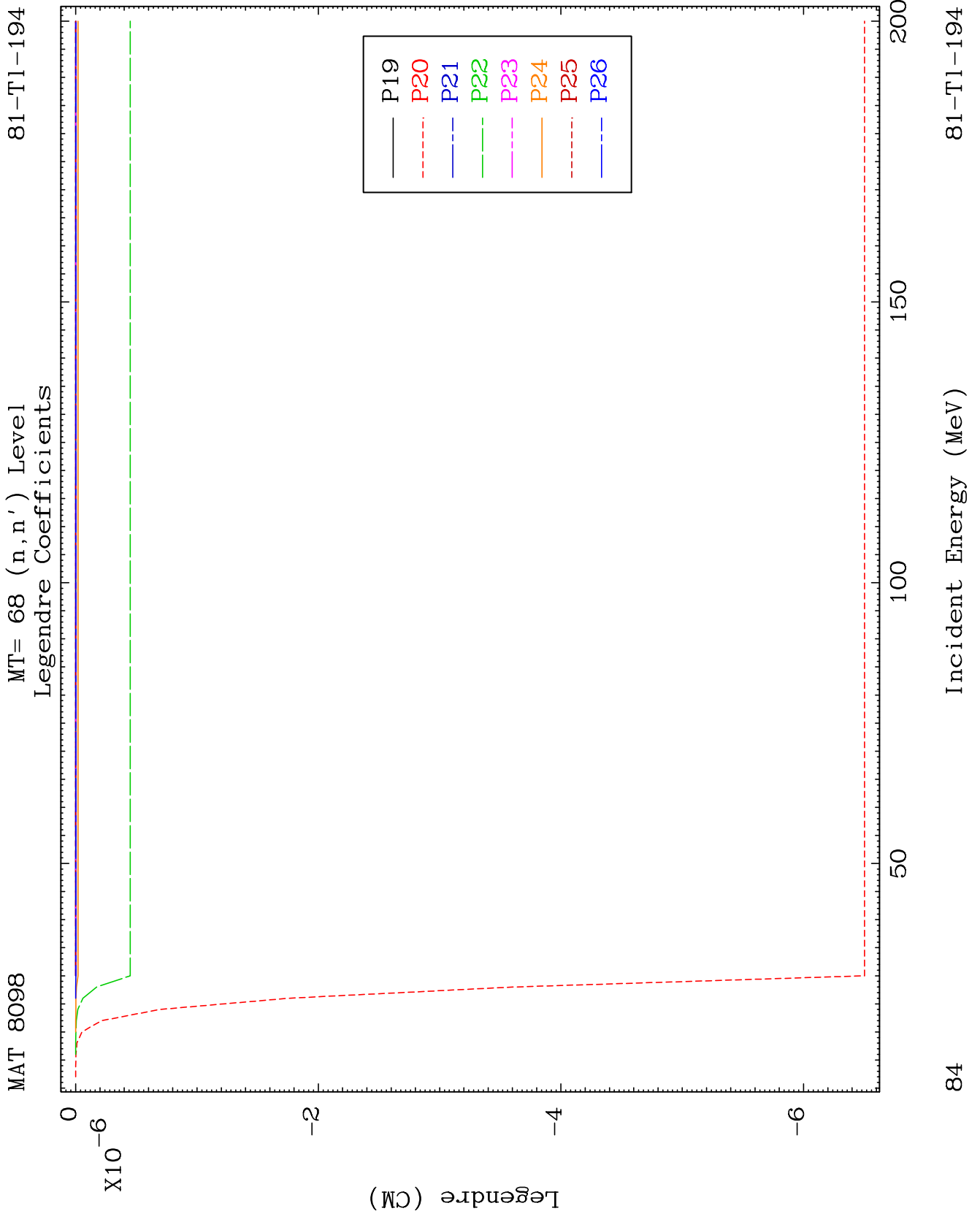
81-Tl-194



83

Incident Energy (MeV)

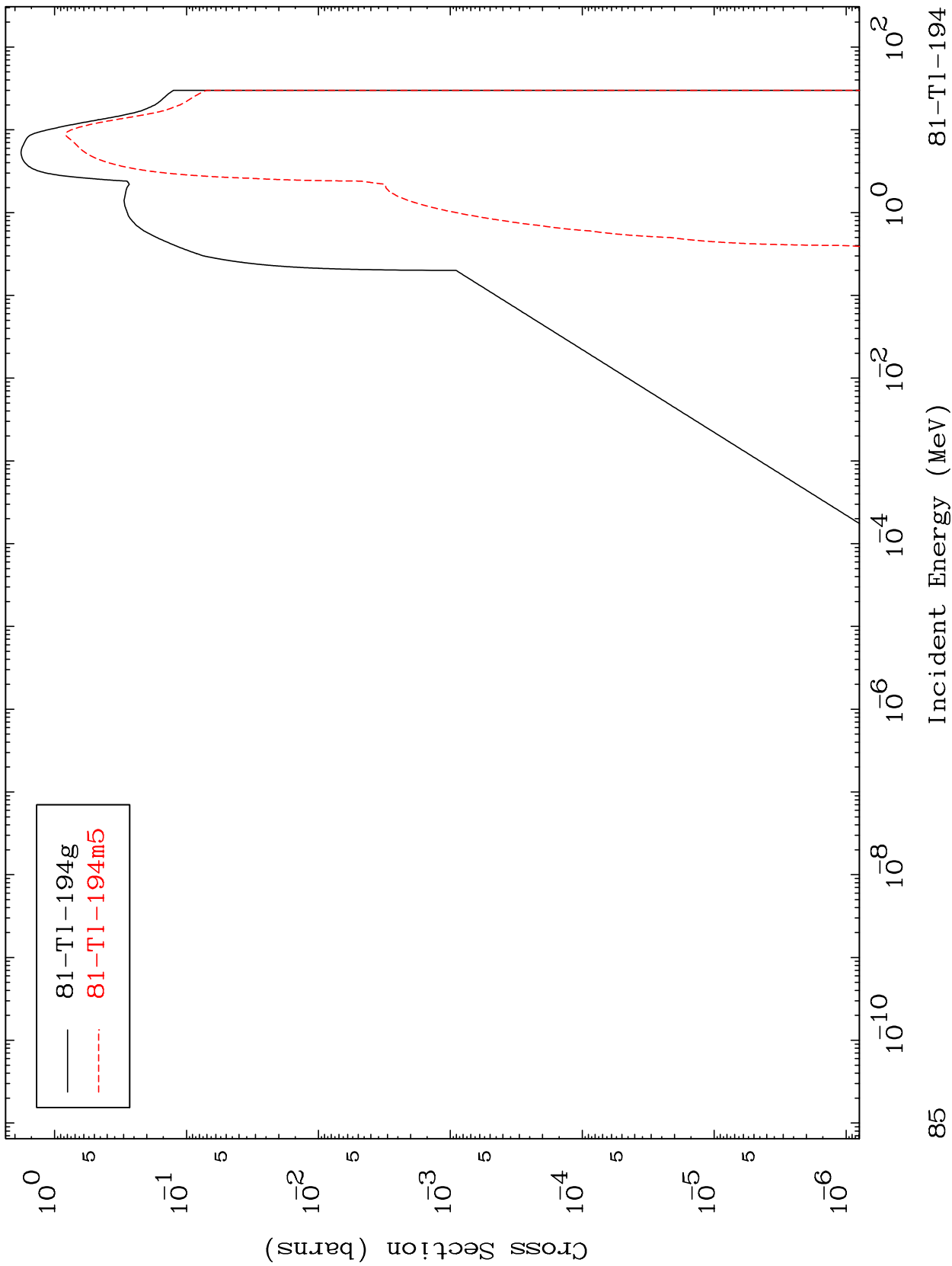
81-Tl-194



MAT 8098

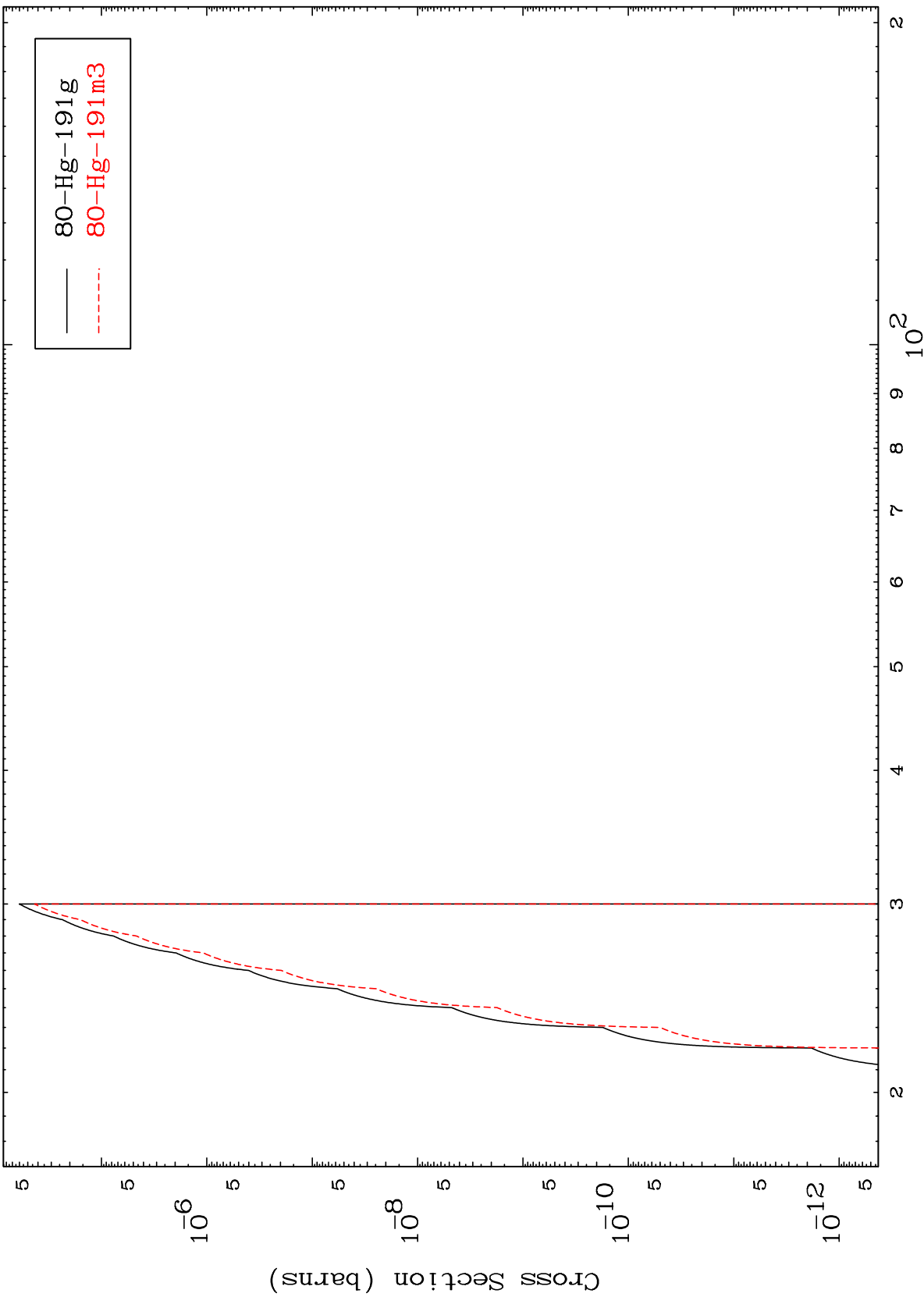
Inelastic  
Radionuclide Production Cross Section

81-Tl-194



81-Tl-194g  
81-Tl-194m5

Radionuclide Production Cross Section

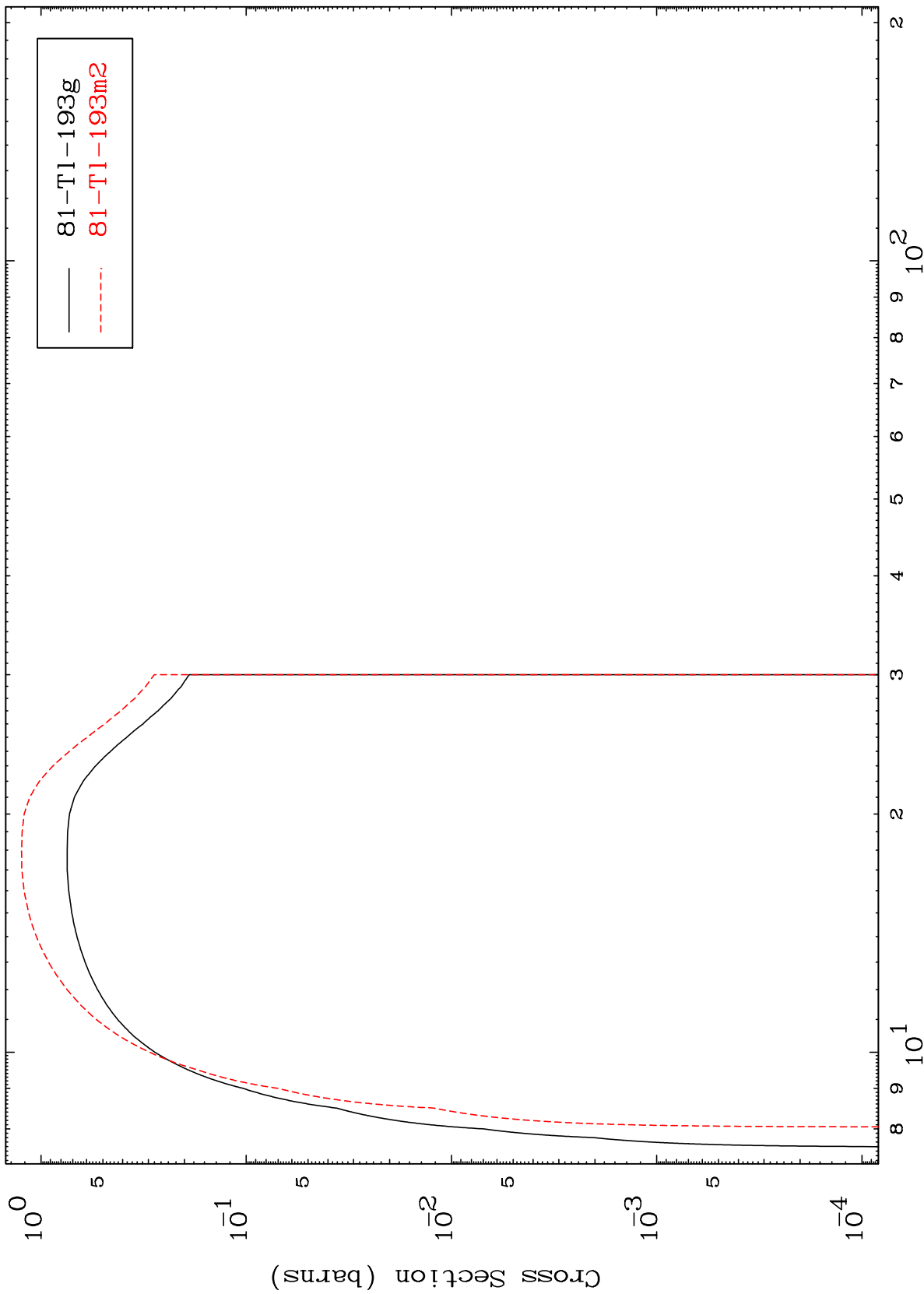


80-Hg-191g  
80-Hg-191m3

MAT 8098

81-Tl-194

(n,2n)  
Radionuclide Production Cross Section



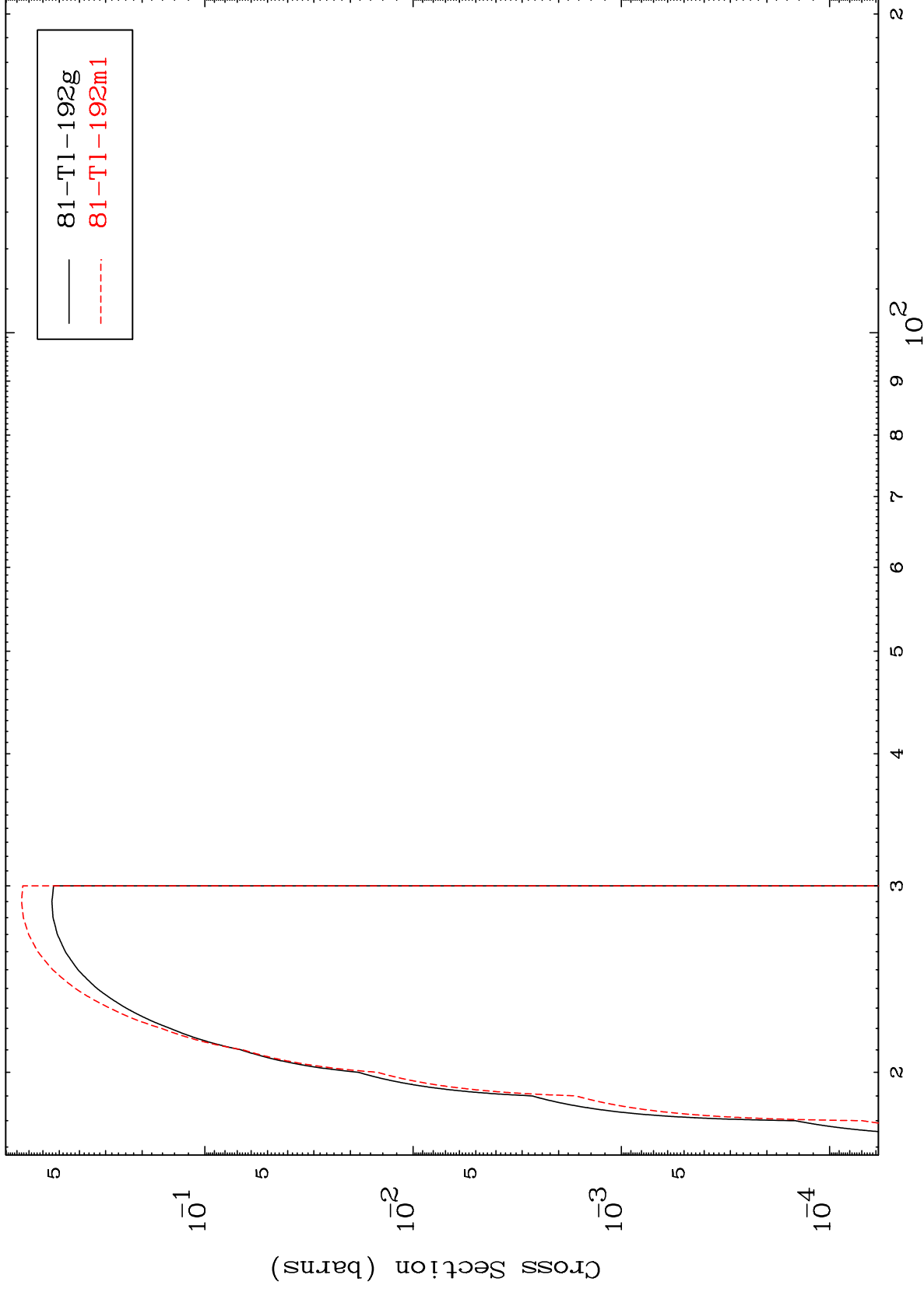
87

Incident Energy (MeV)

81-Tl-194



Radionuclide Production Cross Section

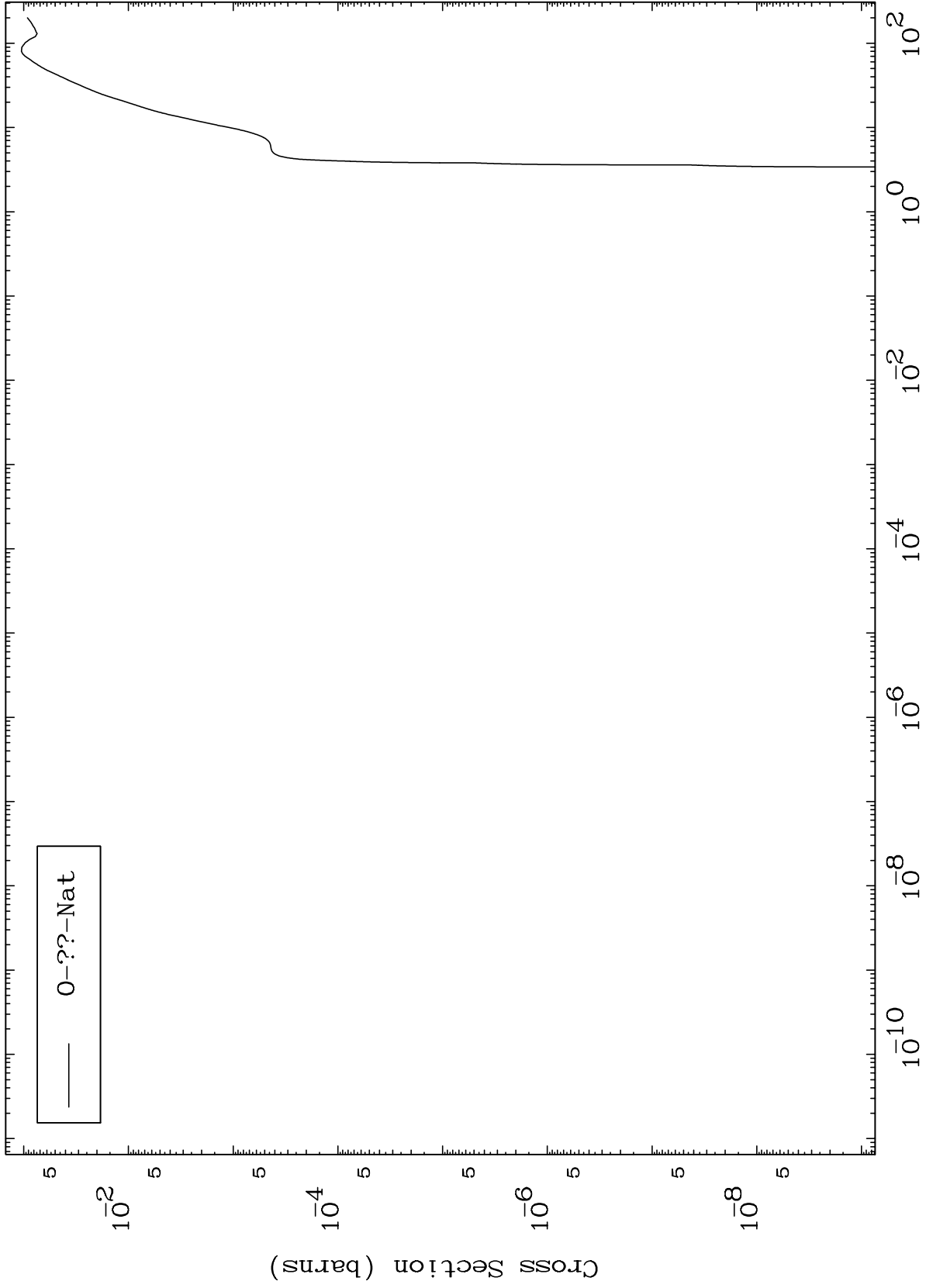


MAT 8098

Fission

81-Tl-194

Radionuclide Production Cross Section



89

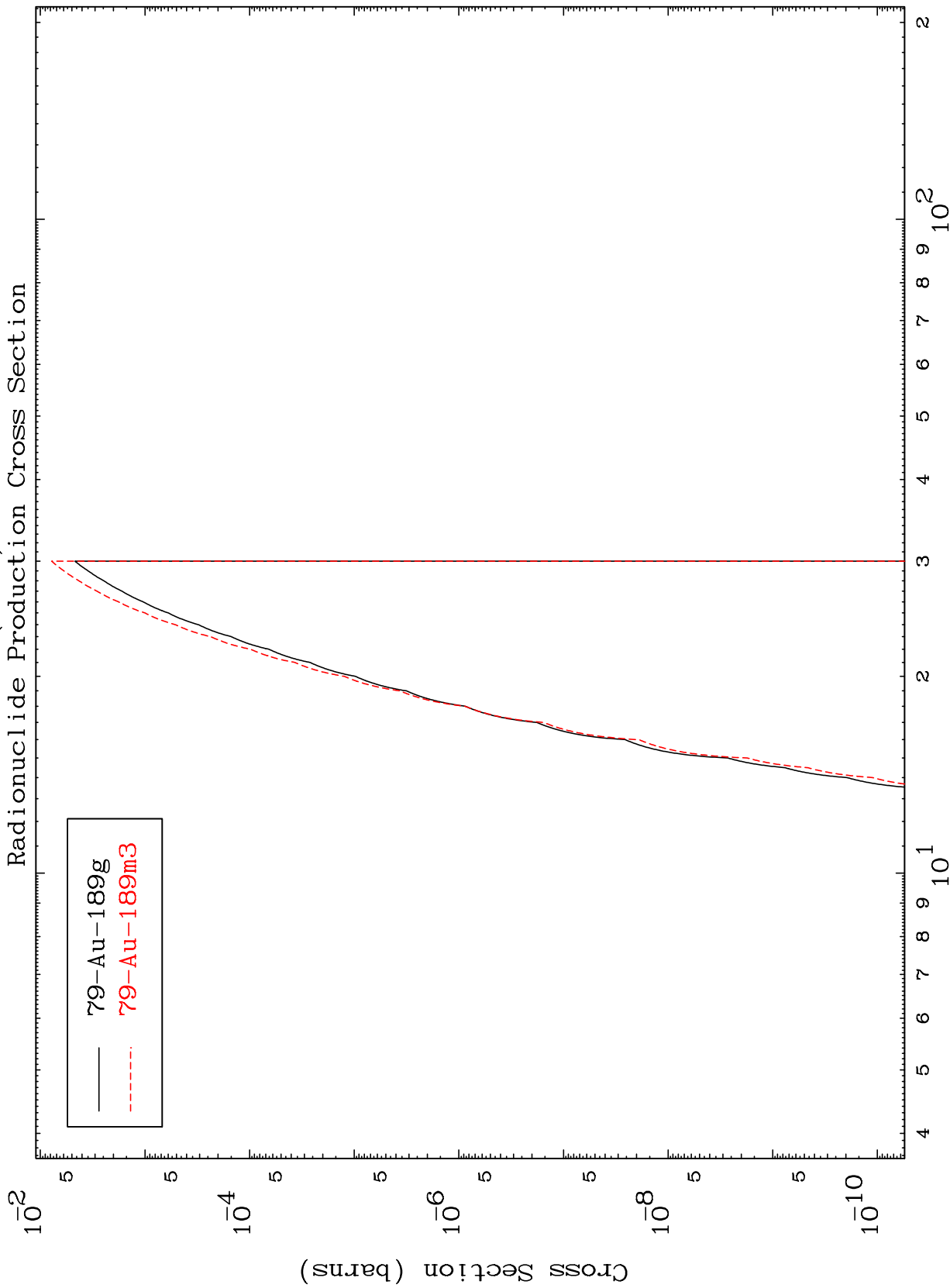
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,2n)  $\alpha$

81-Tl-194



90

Incident Energy (MeV)

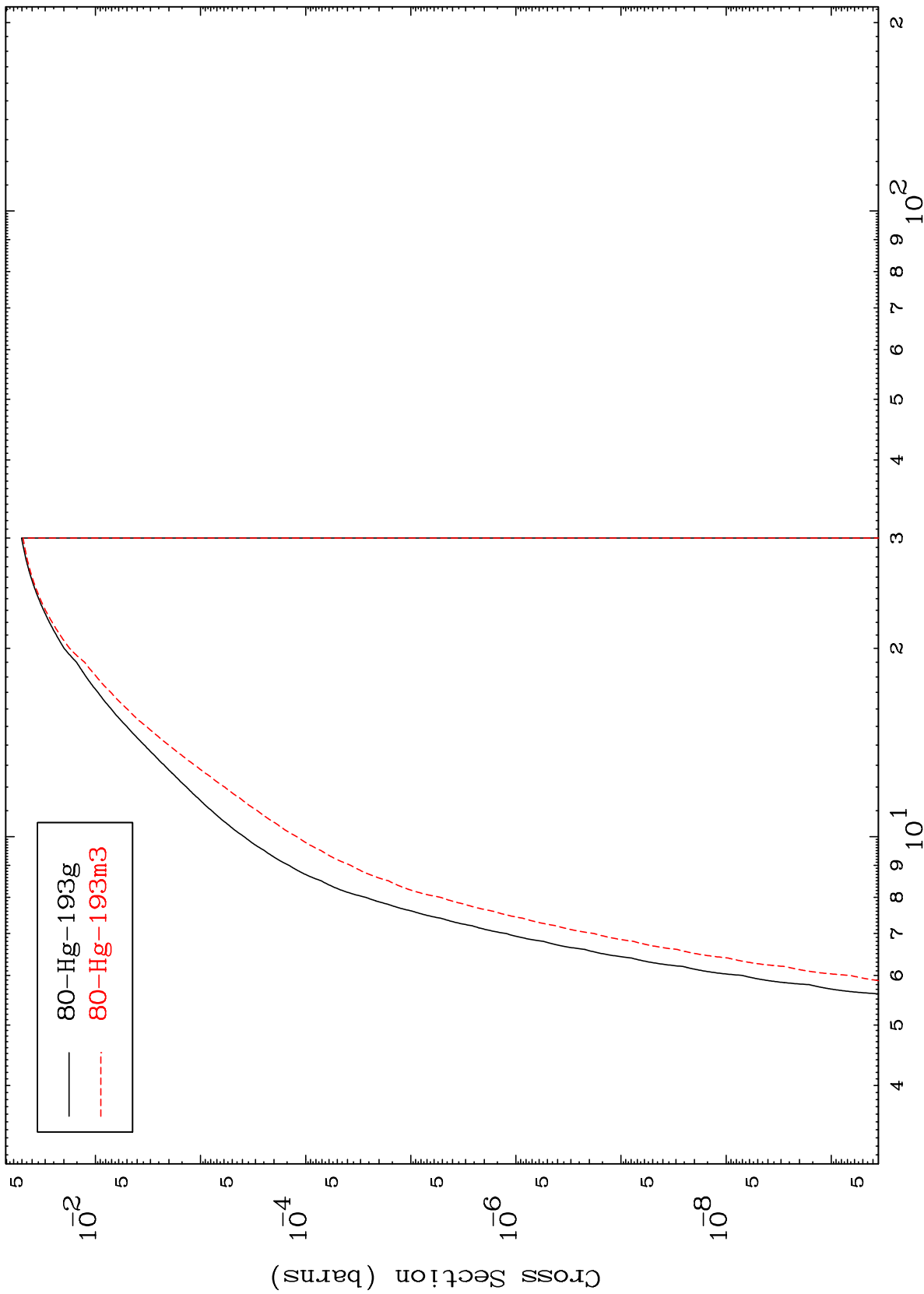
81-Tl-194

MAT 8098

(n,n') p

81-Tl-194

Radionuclide Production Cross Section



91

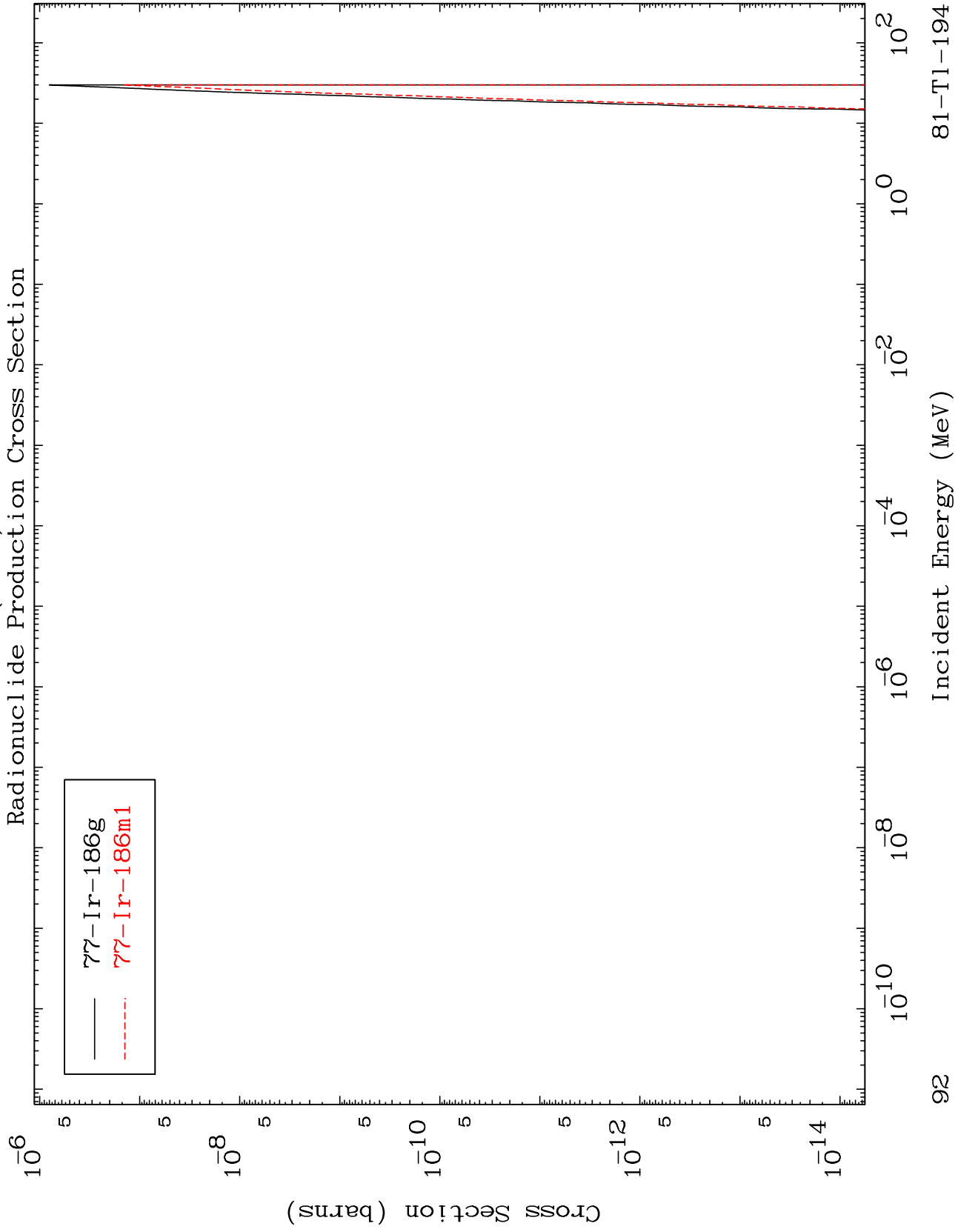
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,n') 2 $\alpha$

81-Tl-194

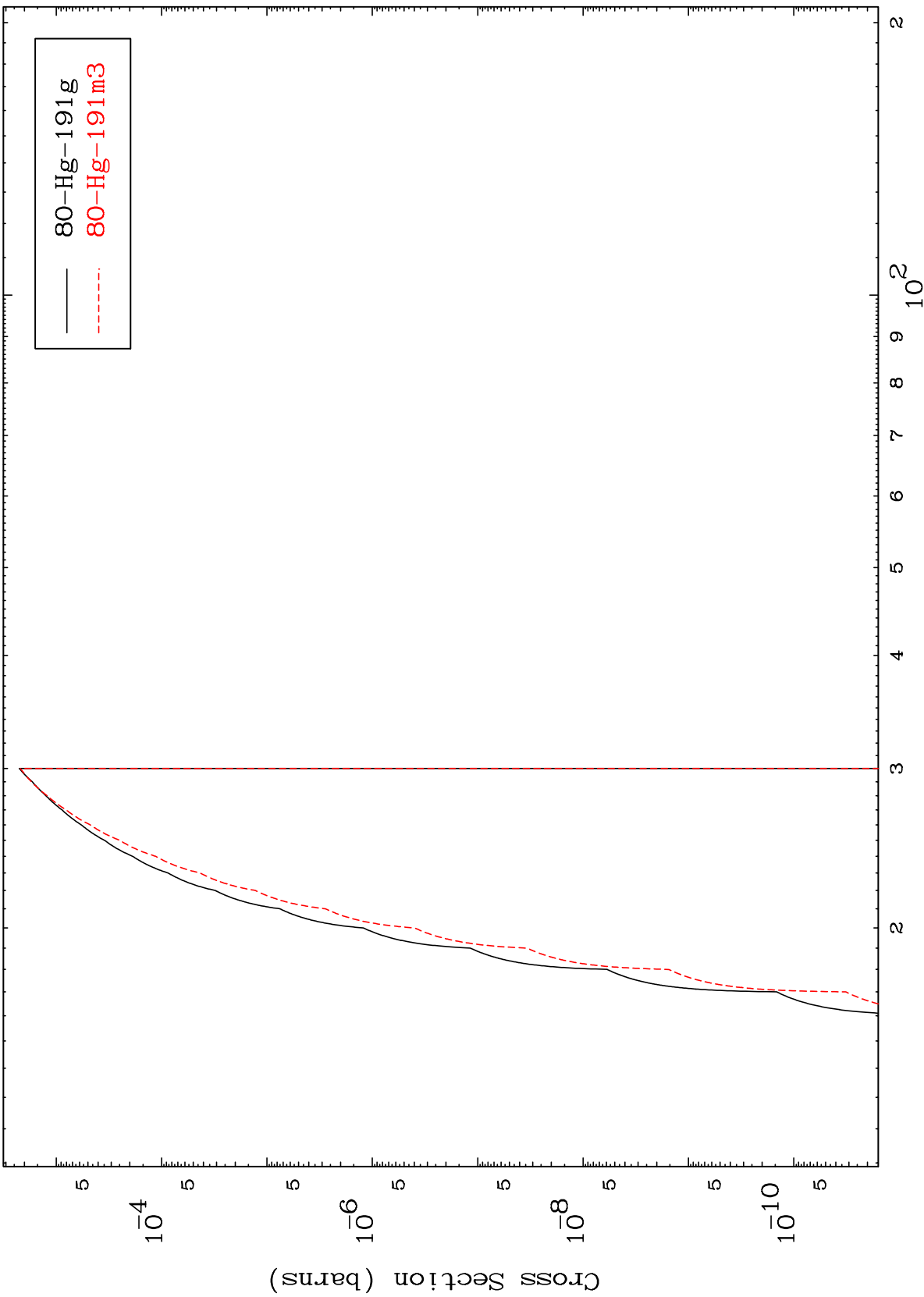


MAT 8098

(n,n') t

81-Tl-194

Radionuclide Production Cross Section



93

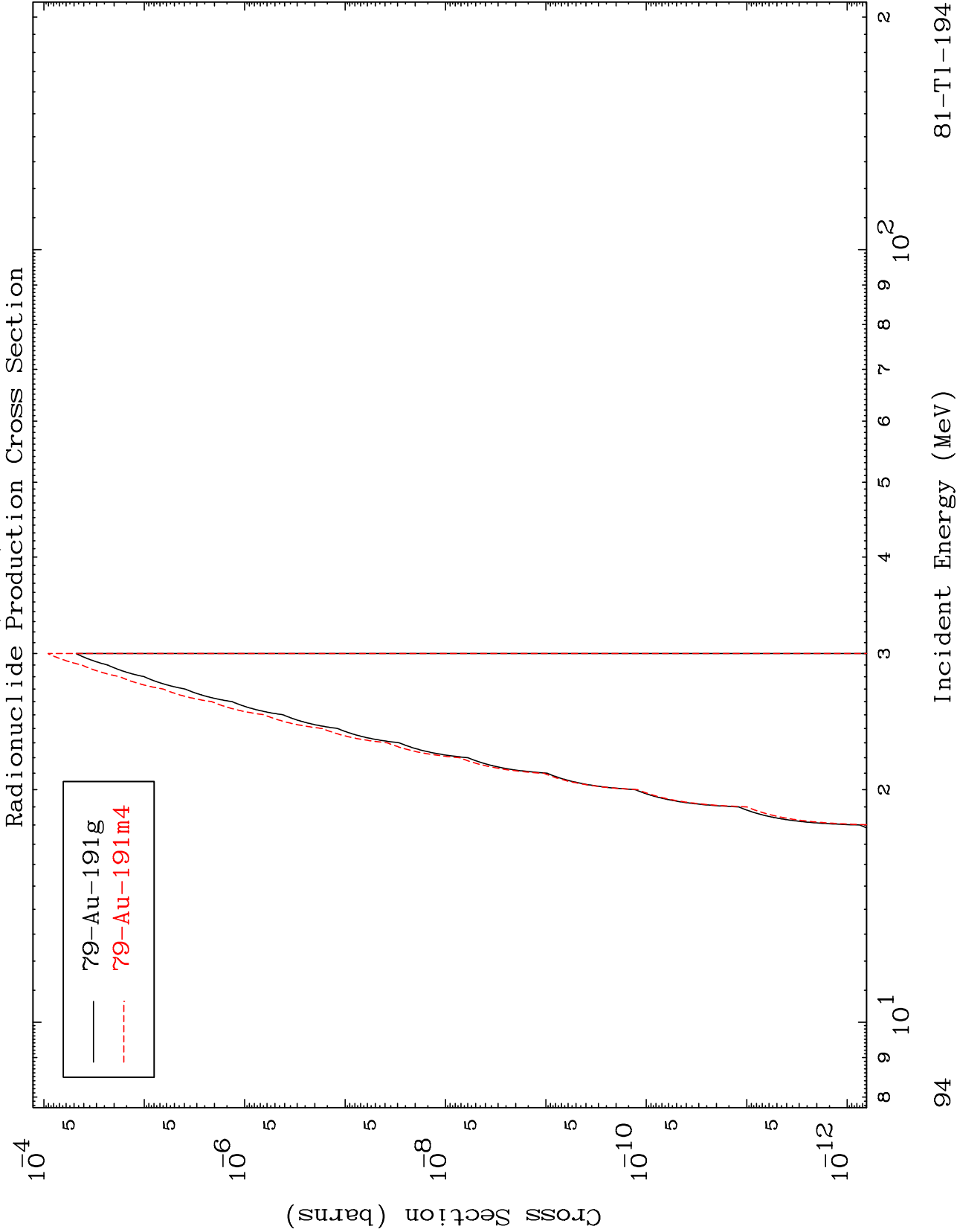
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,n') He-3

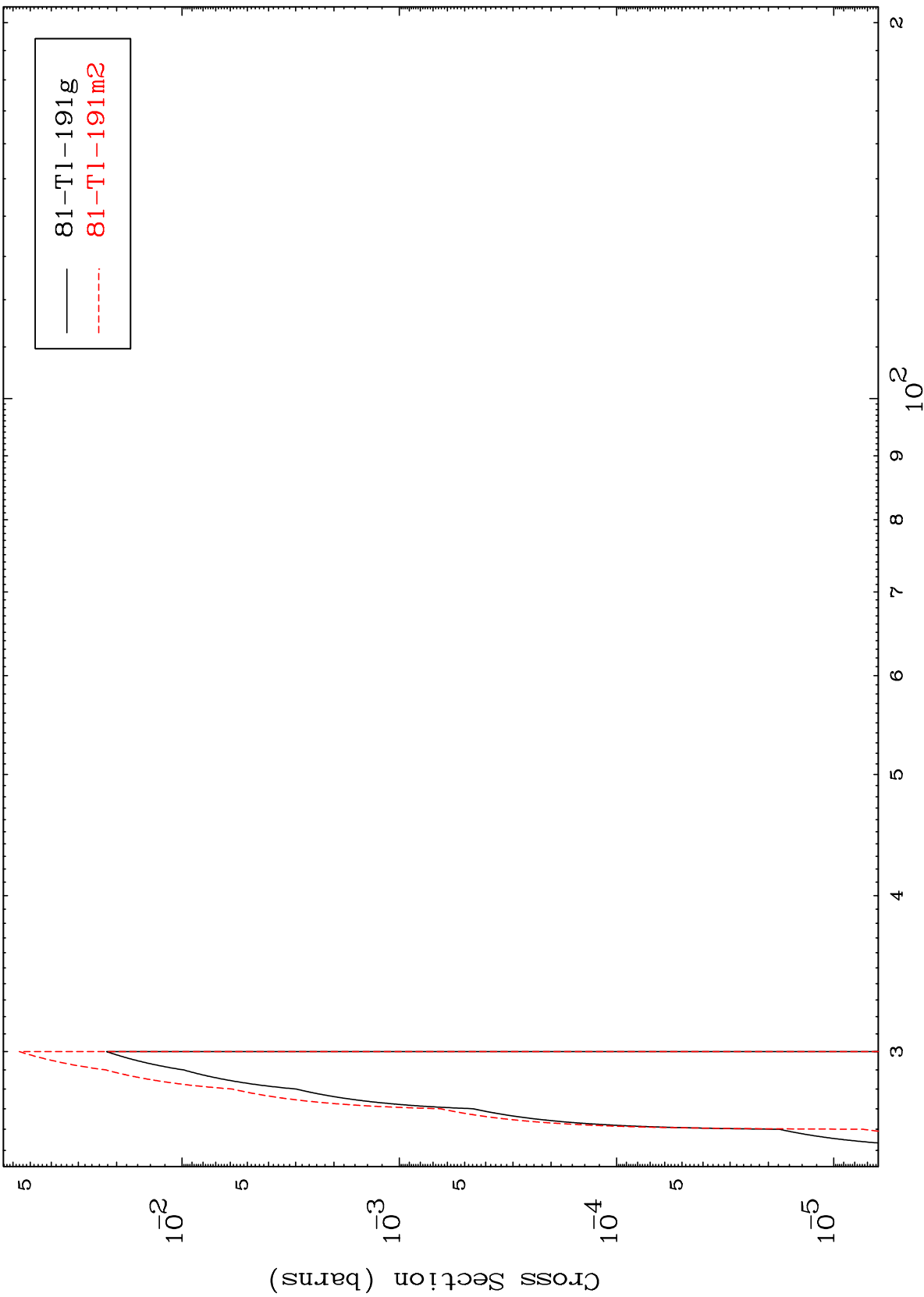
81-Tl-194



MAT 8098

81-Tl-194

(n,4n)  
Radionuclide Production Cross Section



81-Tl-191g  
81-Tl-191m2

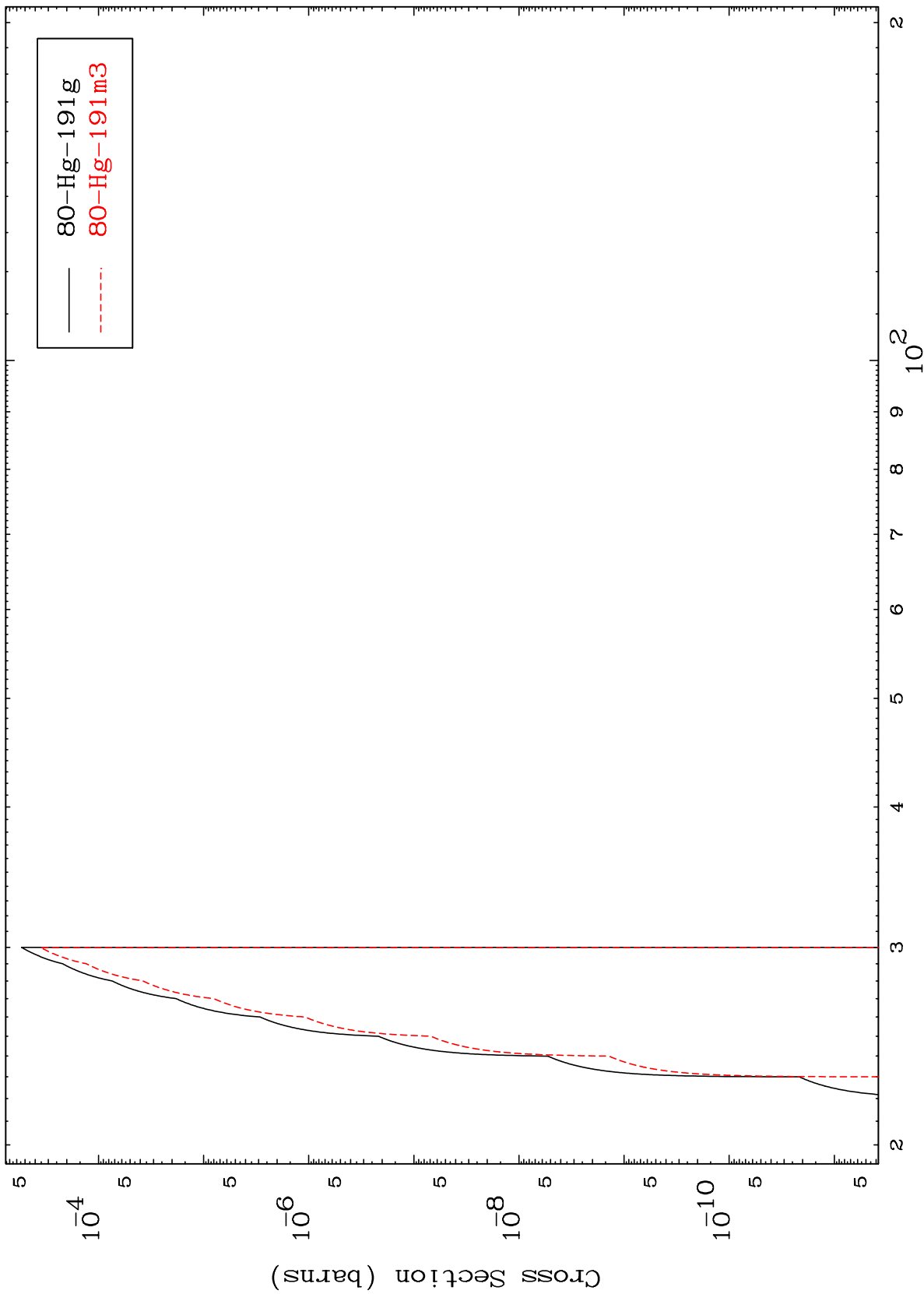
95

Incident Energy (MeV)

81-Tl-194



Radionuclide Production Cross Section

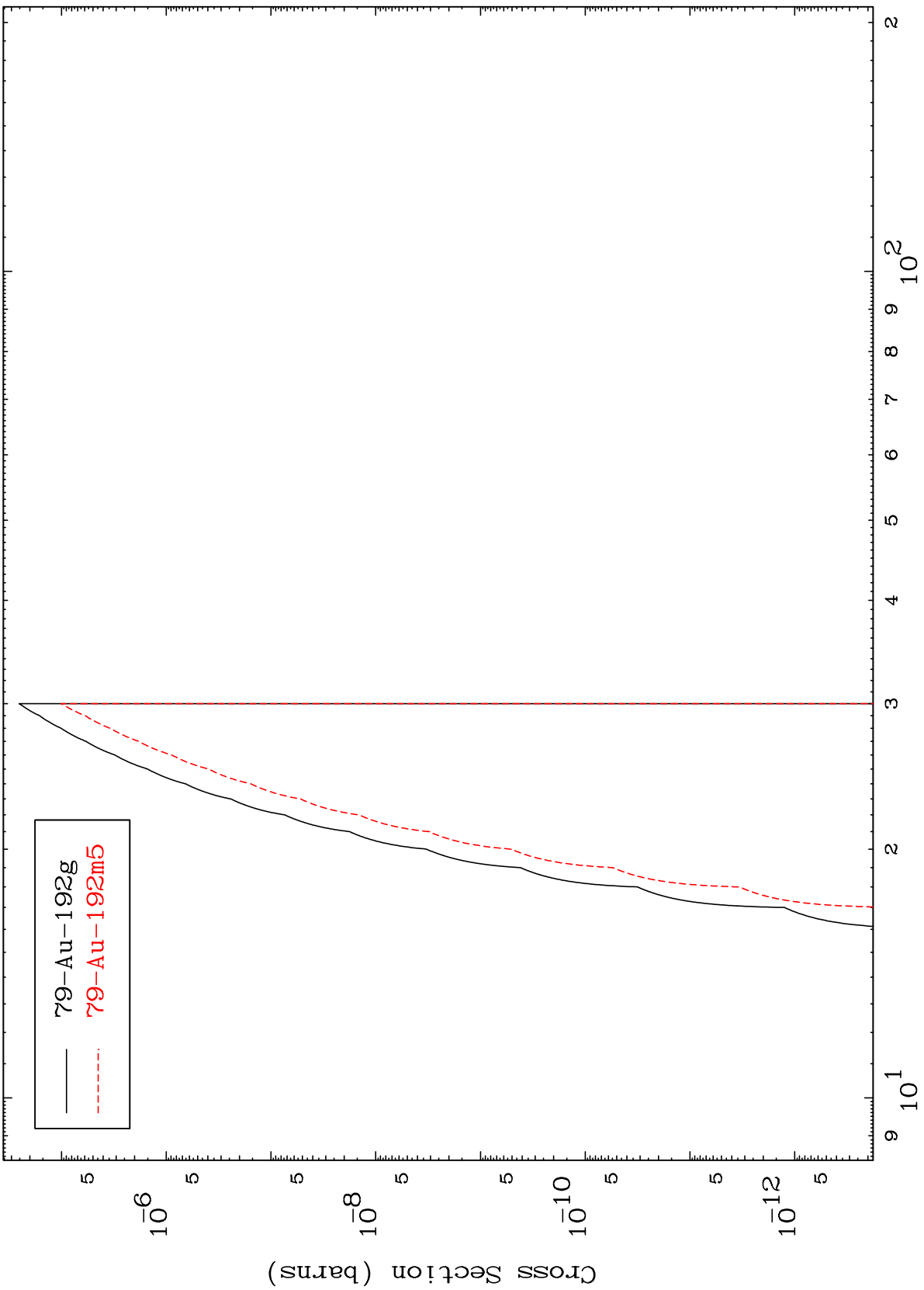


MAT 8098

(n,2n) p

81-Tl-194

Radionuclide Production Cross Section



79-Au-192g  
79-Au-192m5

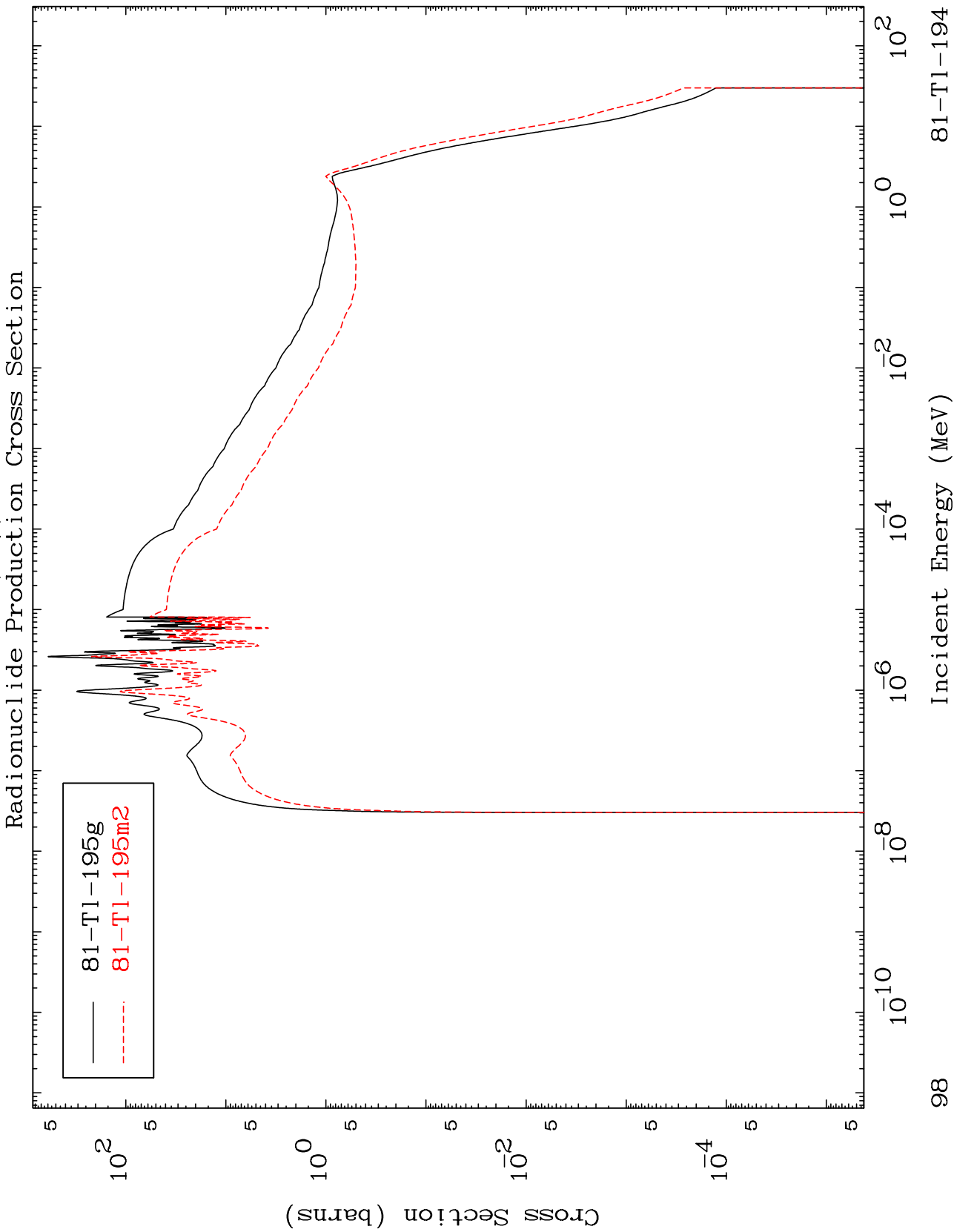
97

Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

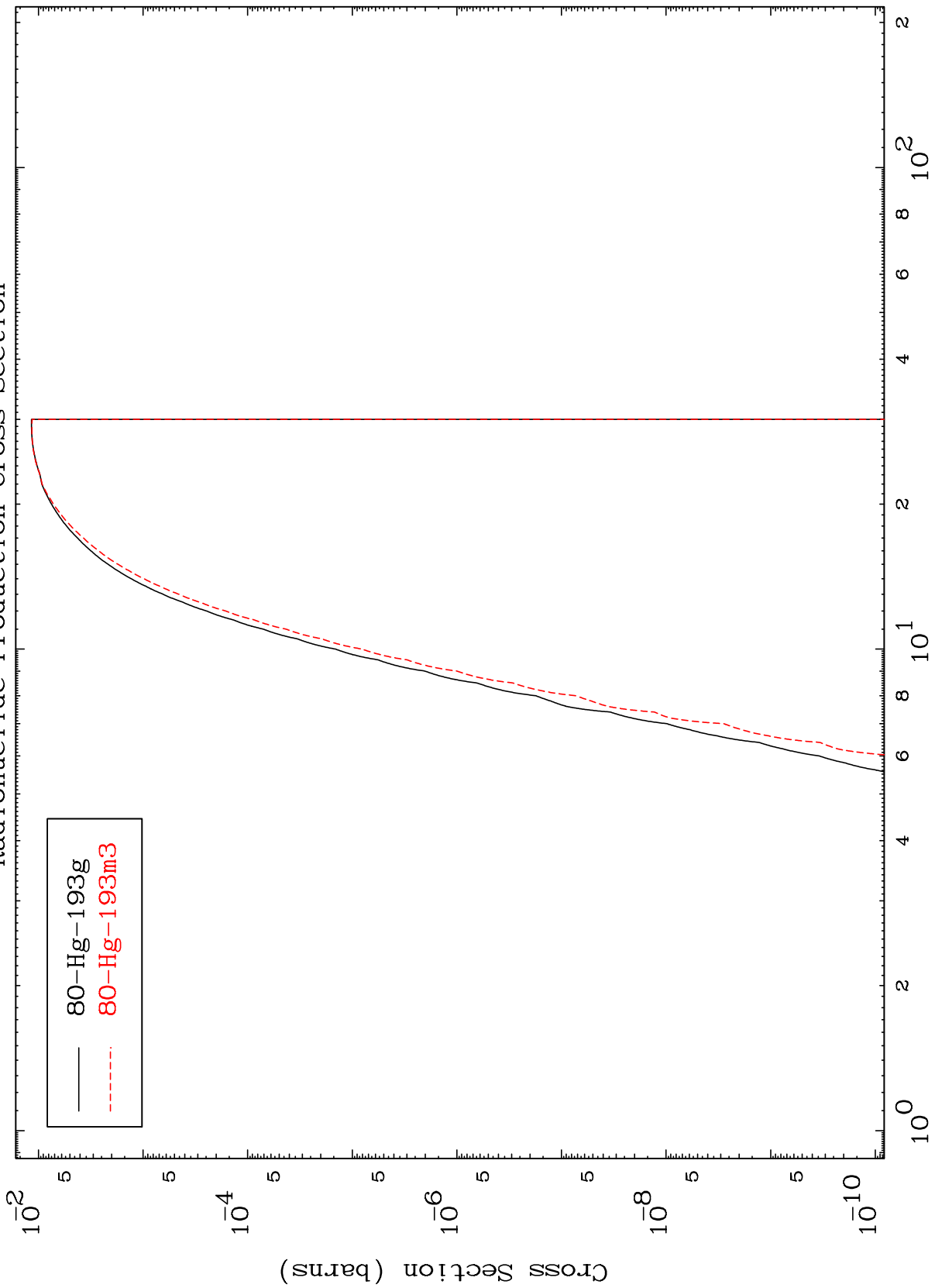


MAT 8098

(n,d)

81-Tl-194

Radionuclide Production Cross Section



99

Incident Energy (MeV)

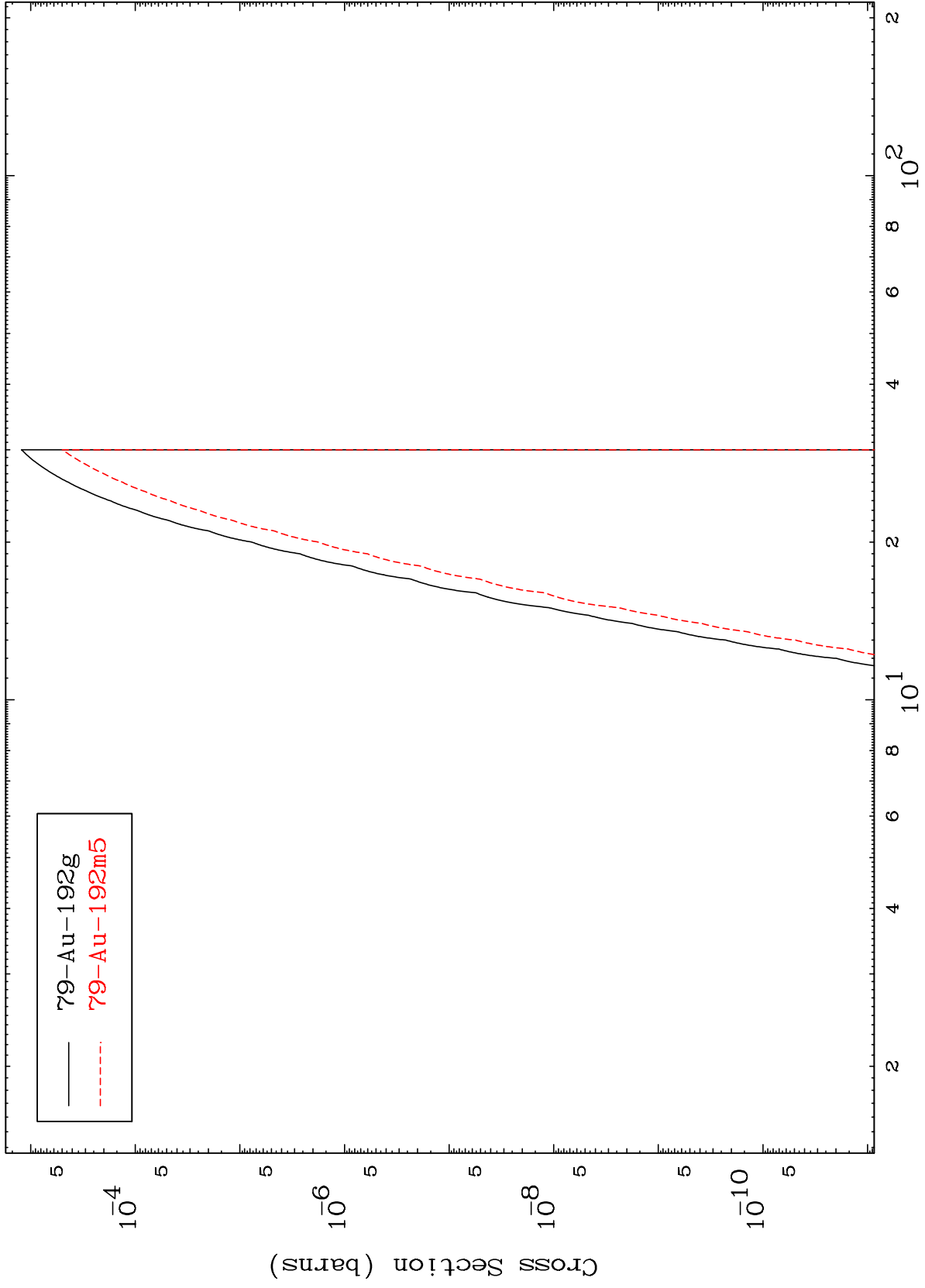
81-Tl-194

MAT 8098

(n,He-3)

81-Tl-194

Radionuclide Production Cross Section



—  $^{79}\text{Au-192g}$   
- - -  $^{79}\text{Au-192m5}$

100

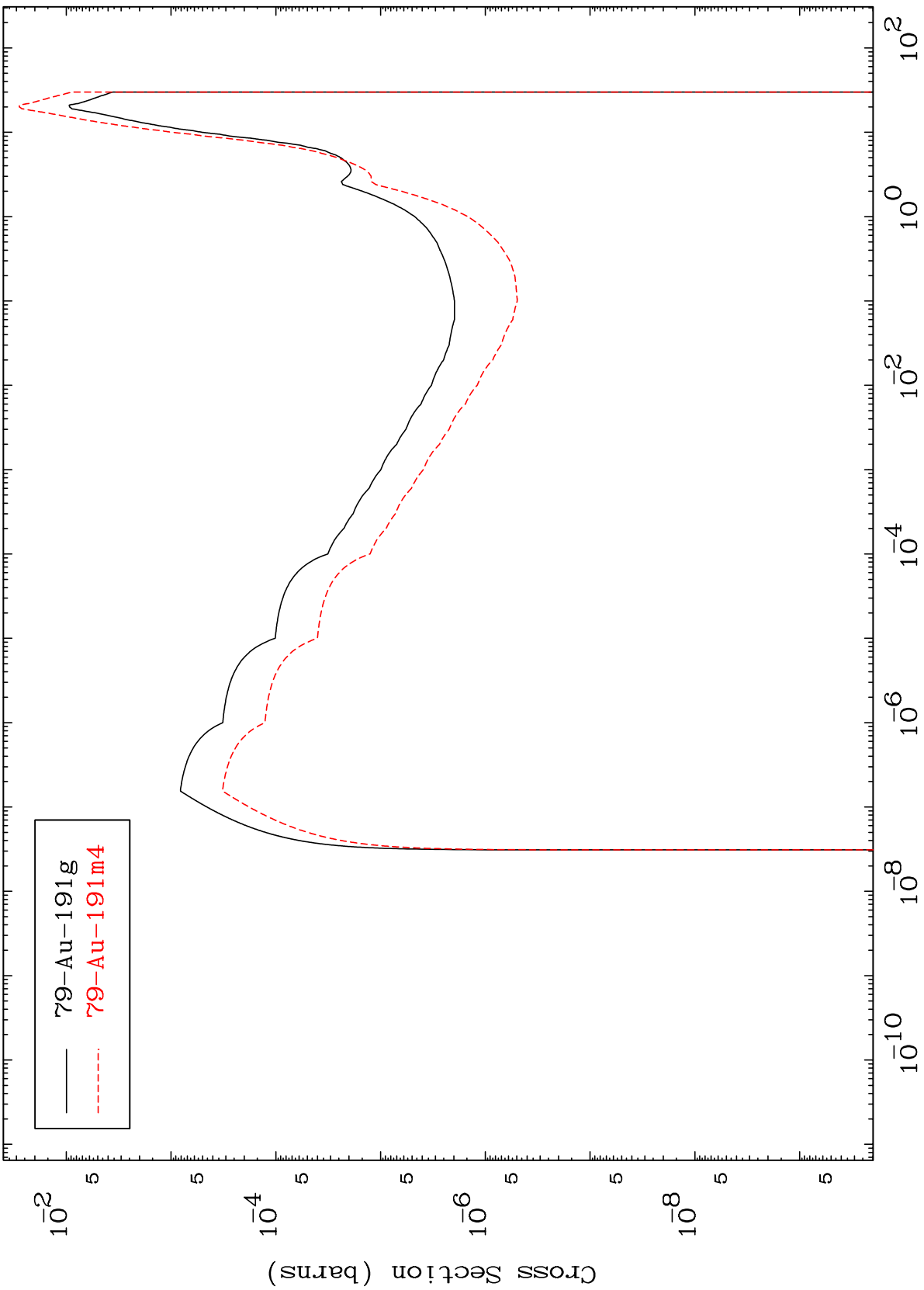
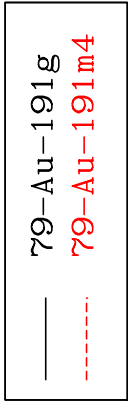
Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

Radionuclide Production Cross Section



101

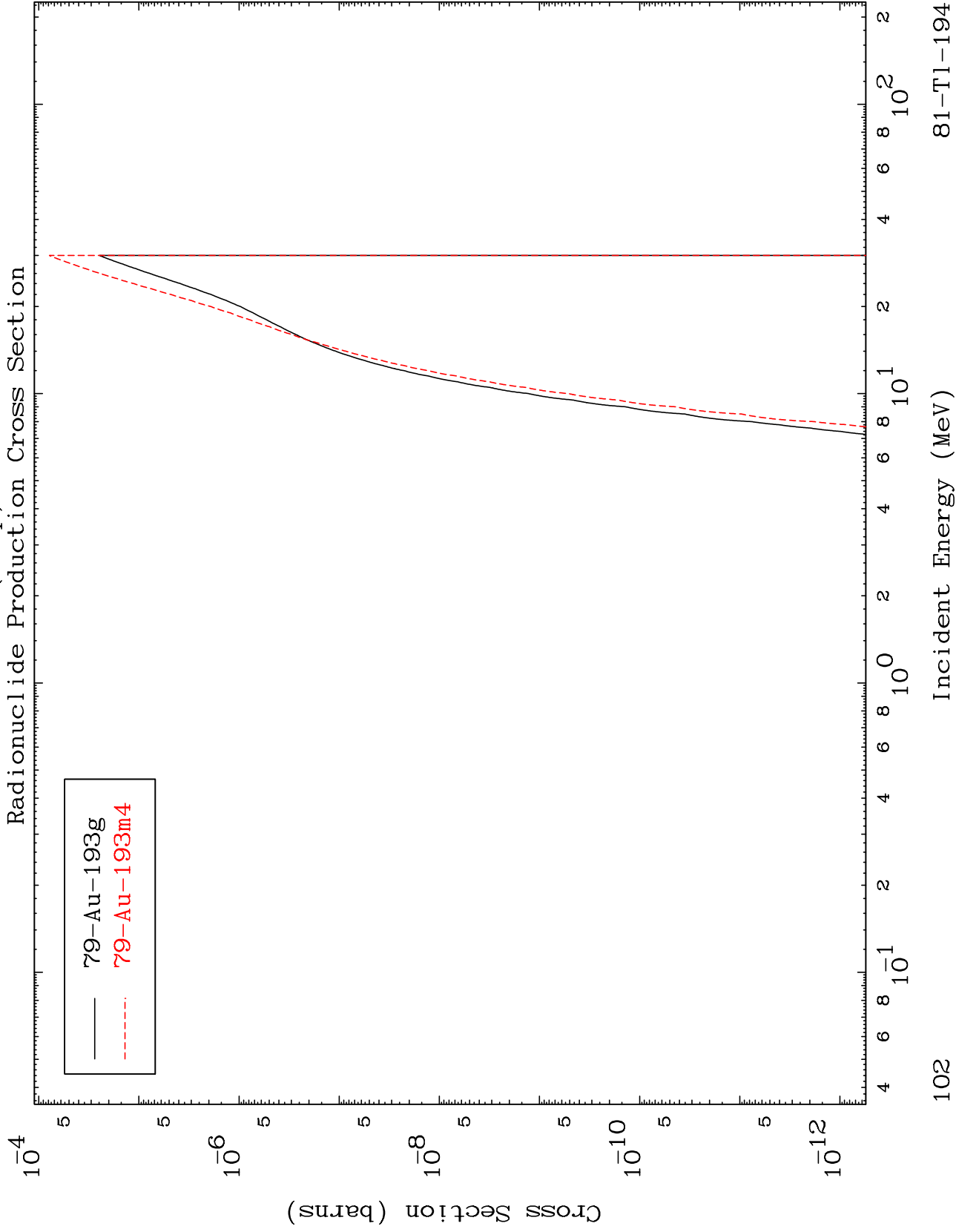
81-Tl-194

Incident Energy (MeV)

MAT 8098

81-Tl-194

(n,2p)  
Radionuclide Production Cross Section



102

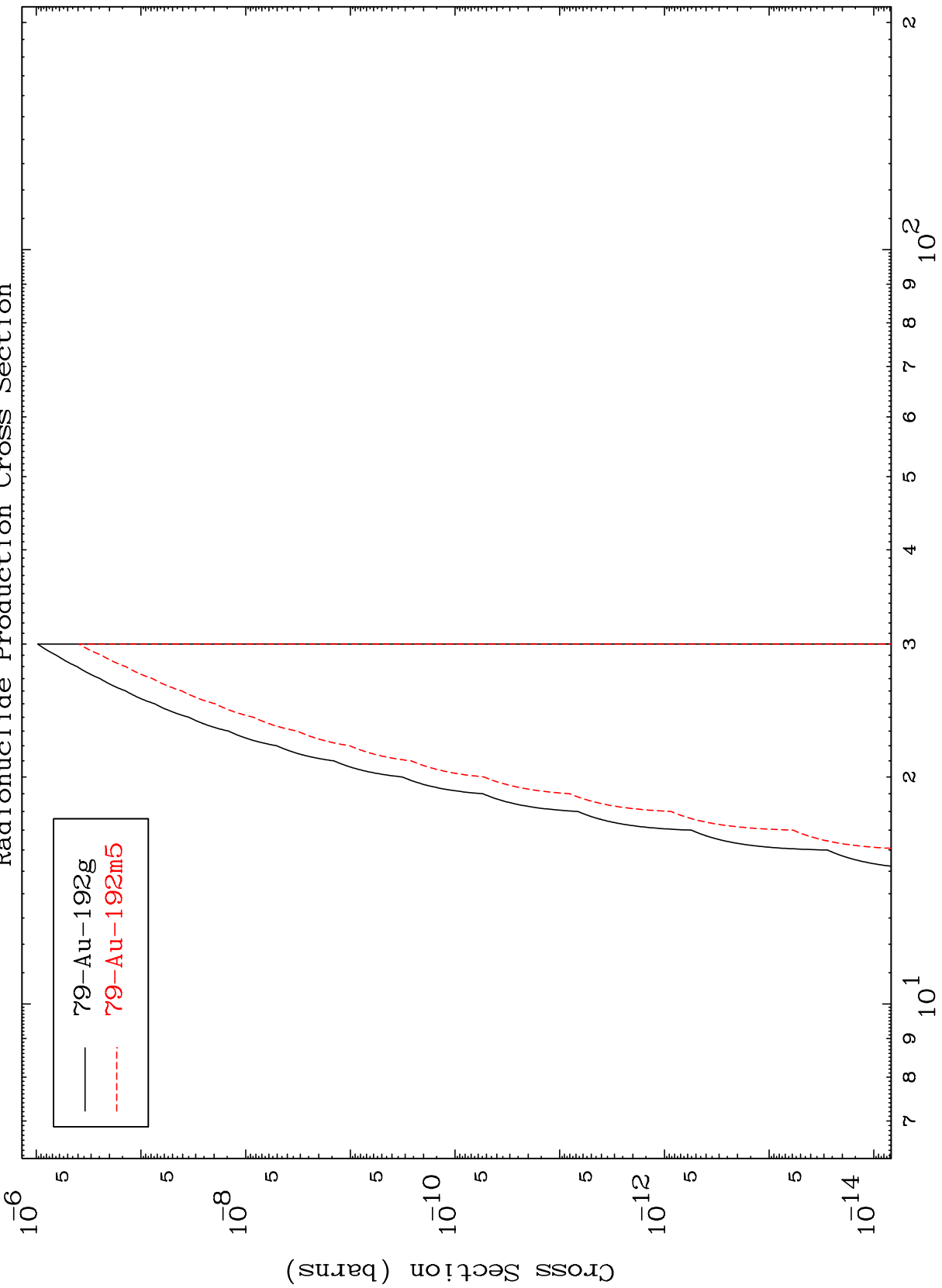
81-Tl-194

MAT 8098

(n,p) d

81-Tl-194

Radionuclide Production Cross Section



103

Incident Energy (MeV)

81-Tl-194

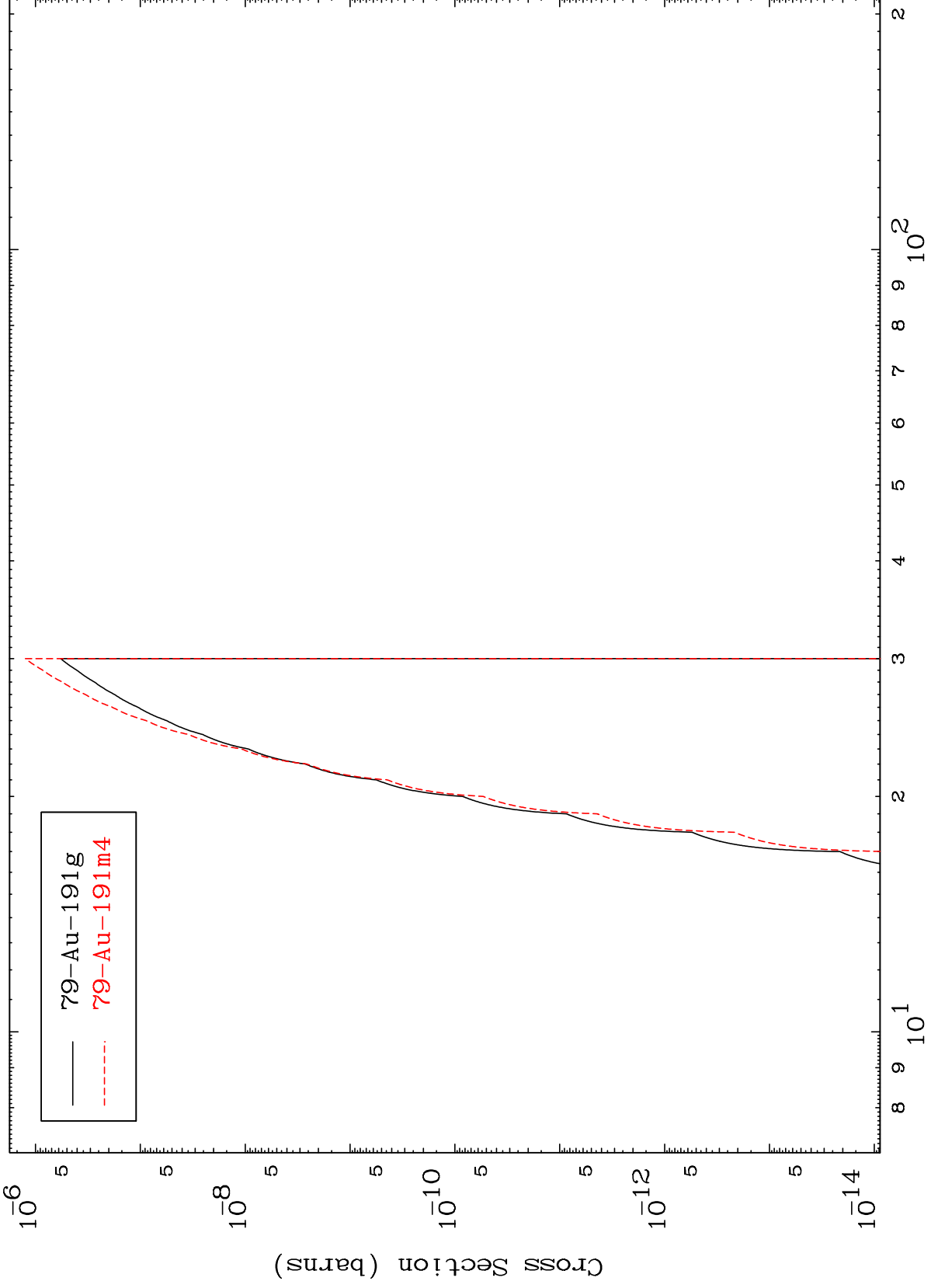


MAT 8098

(n,p) t

81-Tl-194

Radionuclide Production Cross Section



104

Incident Energy (MeV)

81-Tl-194