

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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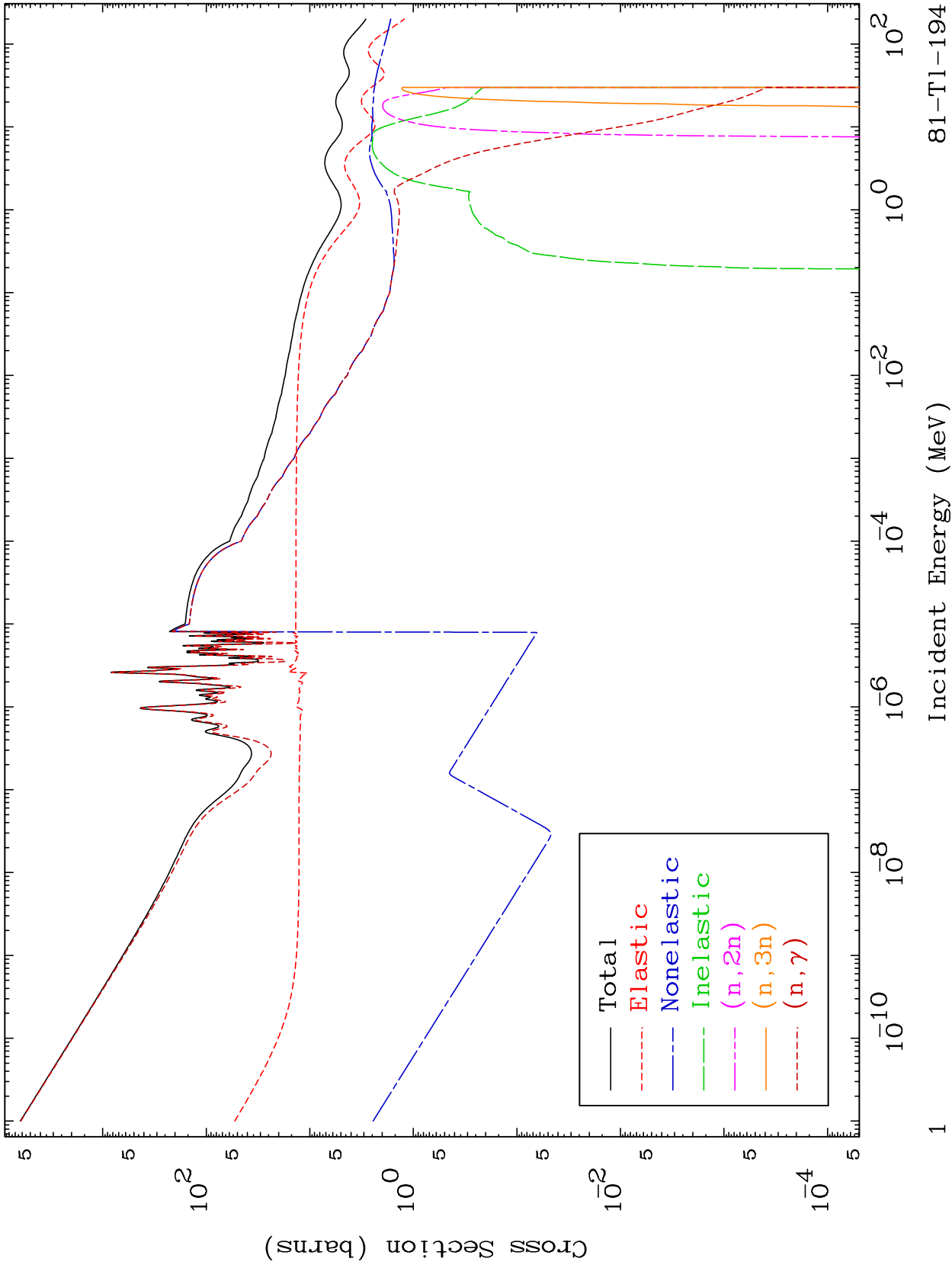
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Press Mouse Button to Start

MAT 8098

Neutron Major  
293 Kelvin Cross Sections

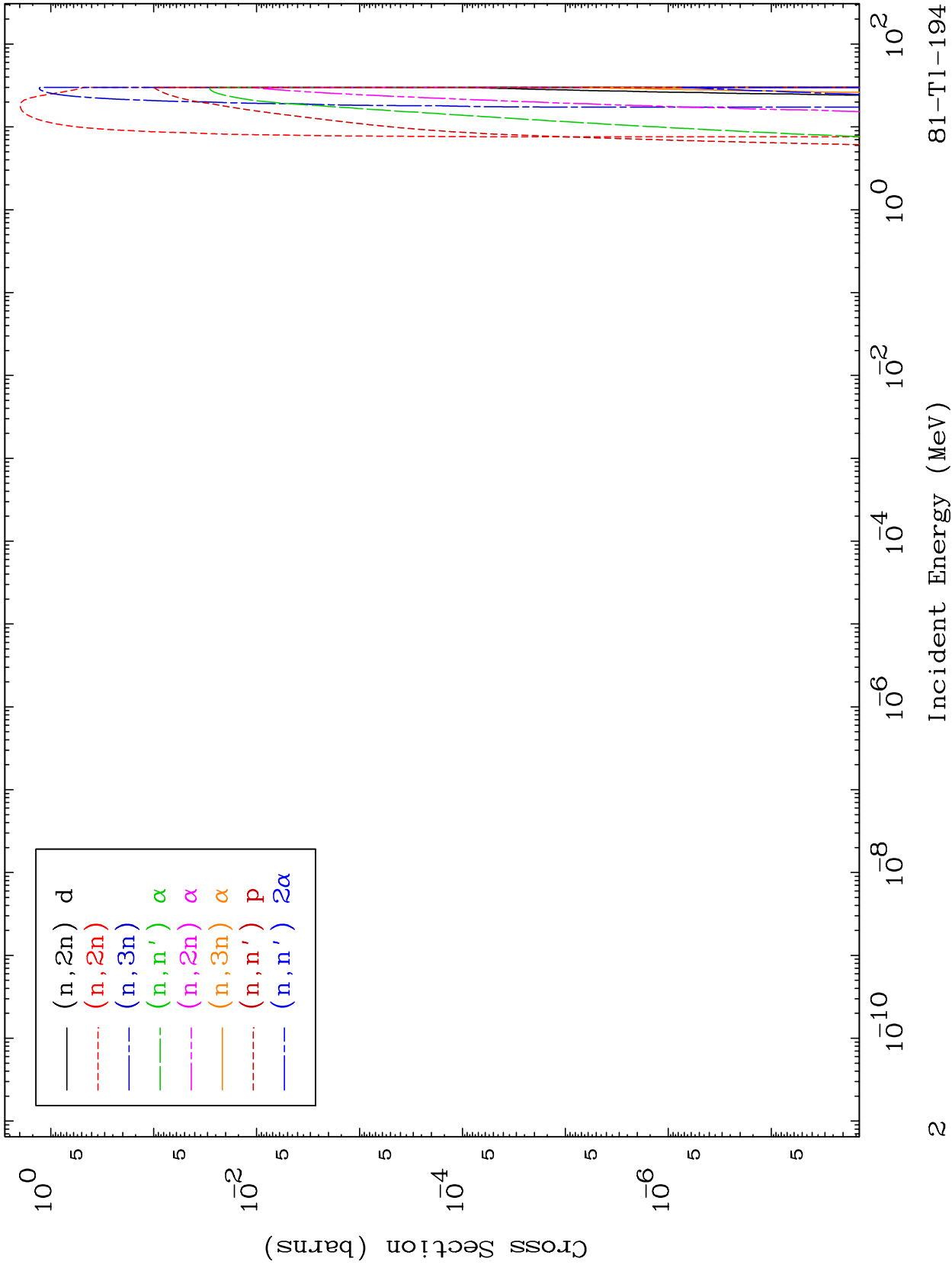
81-Tl-194



MAT 8098

Neutron Absorption  
293 Kelvin Cross Sections

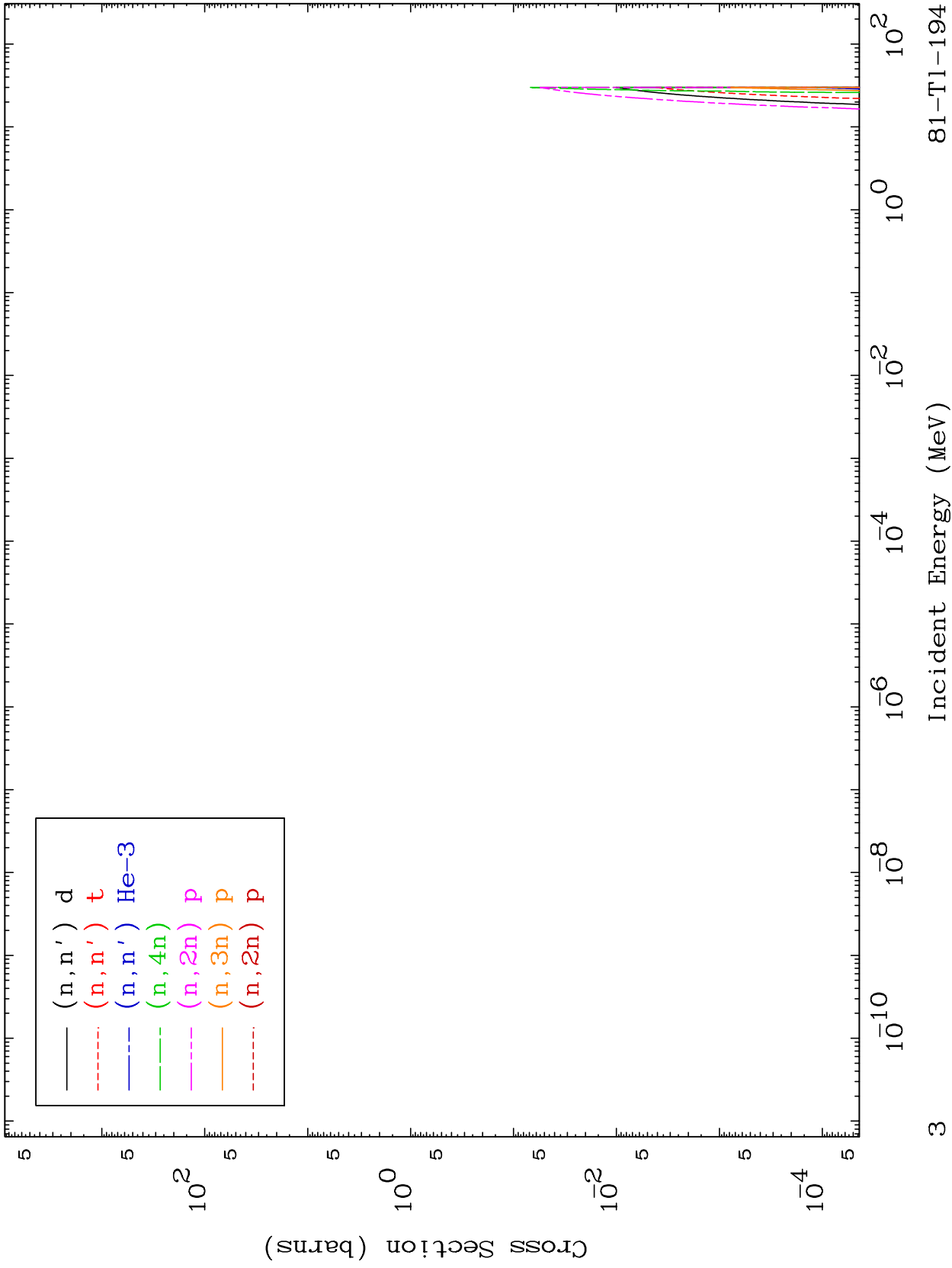
81-Tl-194



MAT 8098

Neutron Absorption  
293 Kelvin Cross Sections

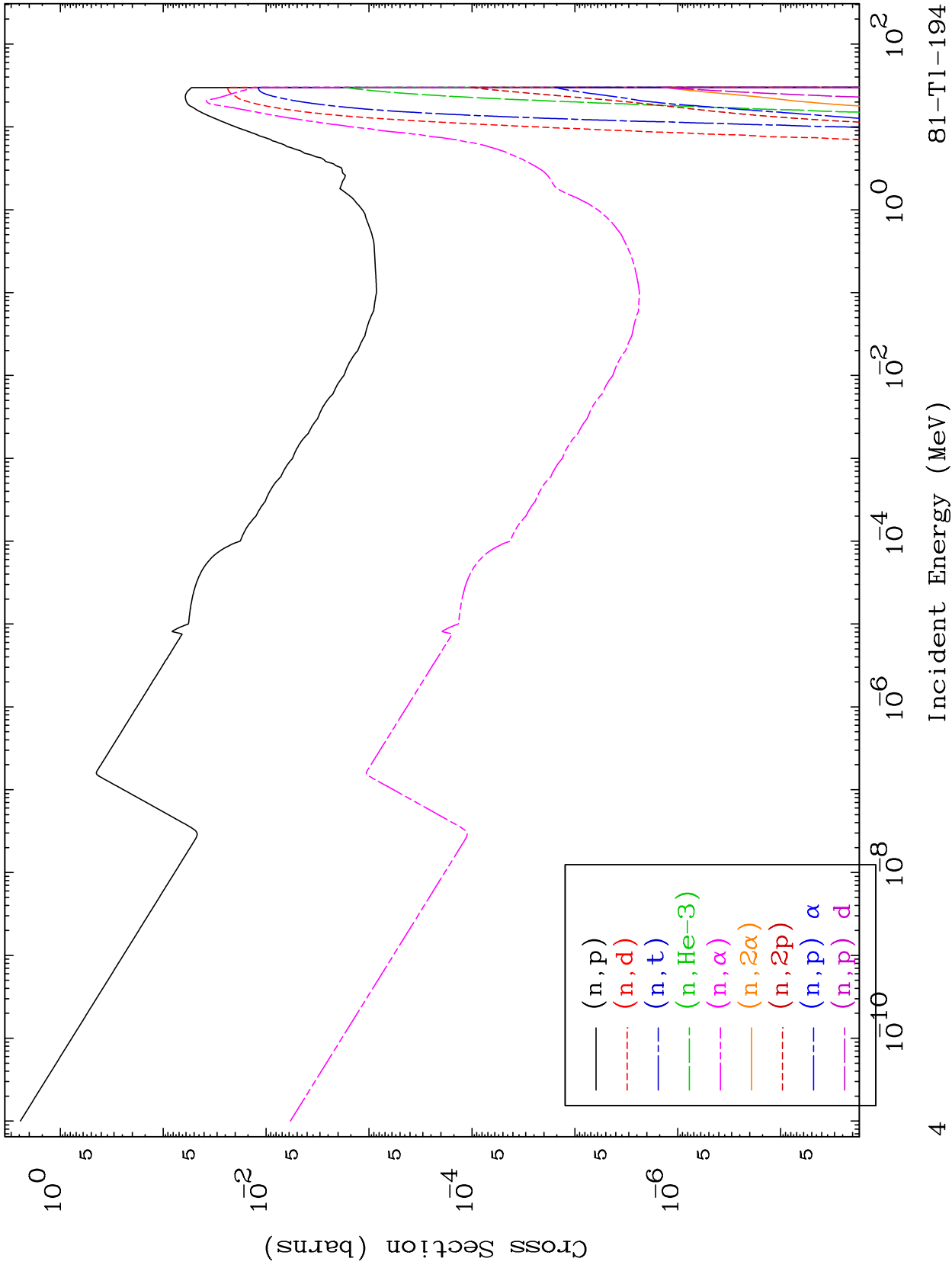
81-Tl-194

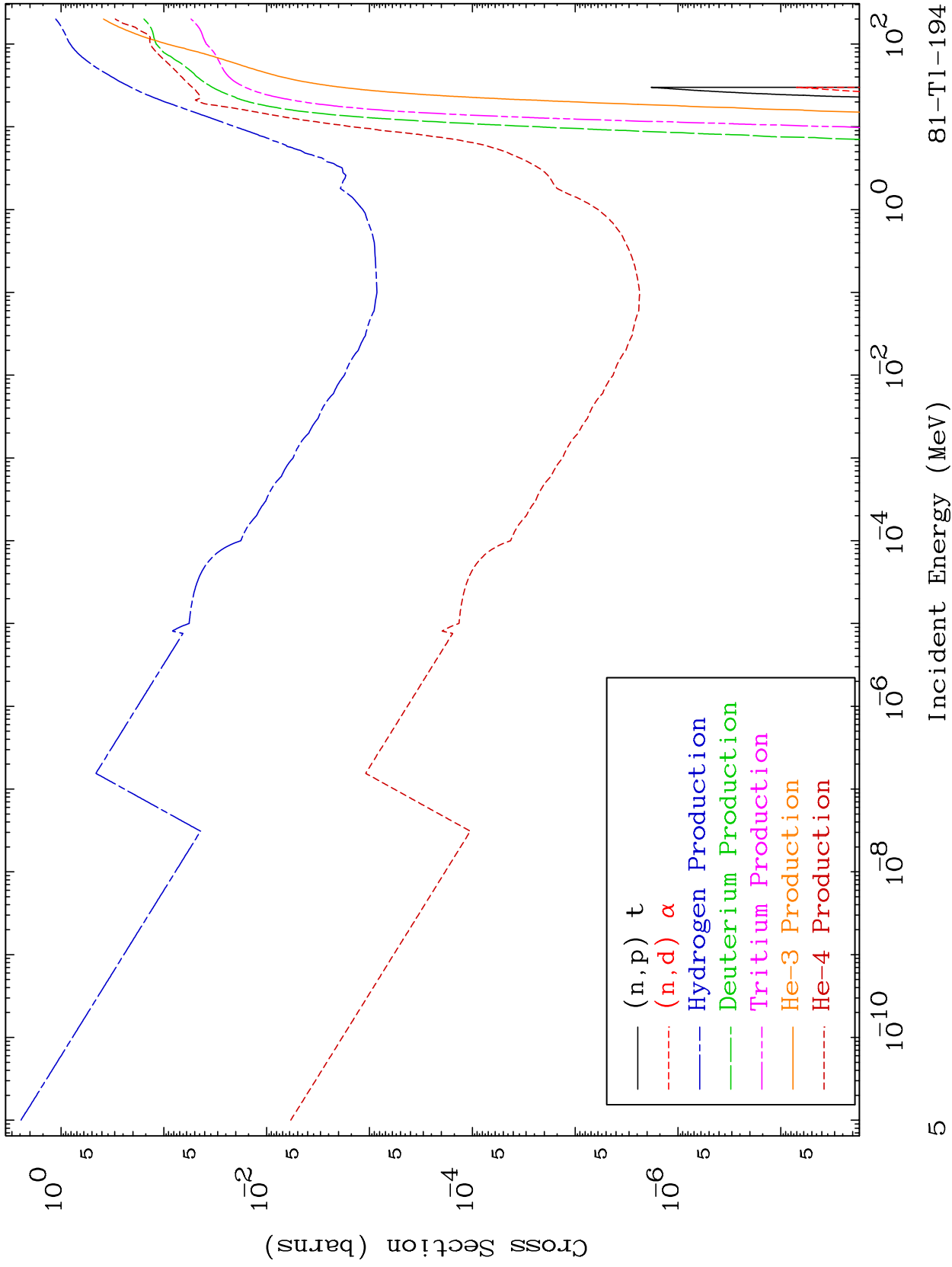


MAT 8098

Neutron Absorption  
293 Kelvin Cross Sections

81-Tl-194

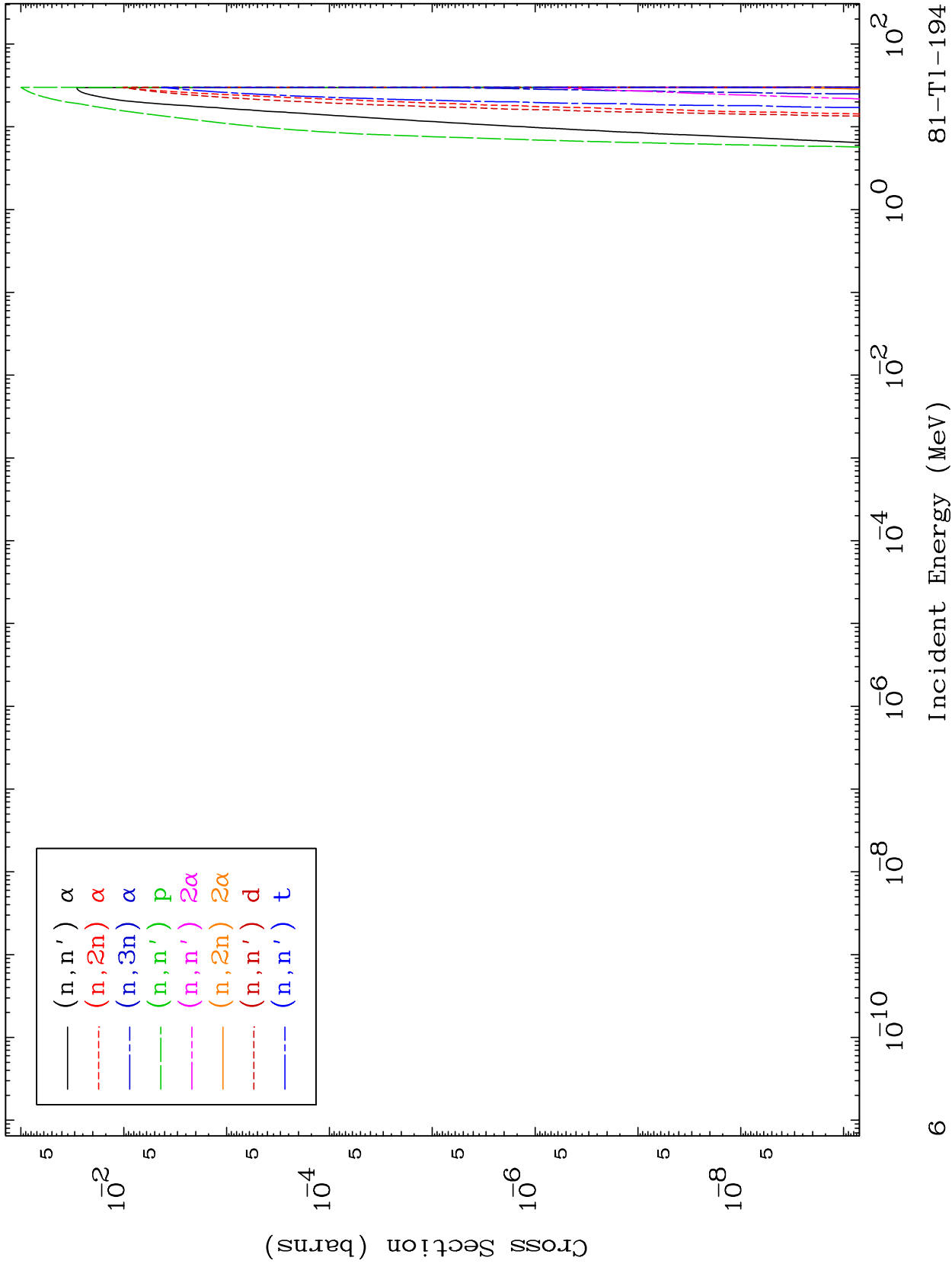




MAT 8098

Charged Particle  
293 Kelvin Cross Sections

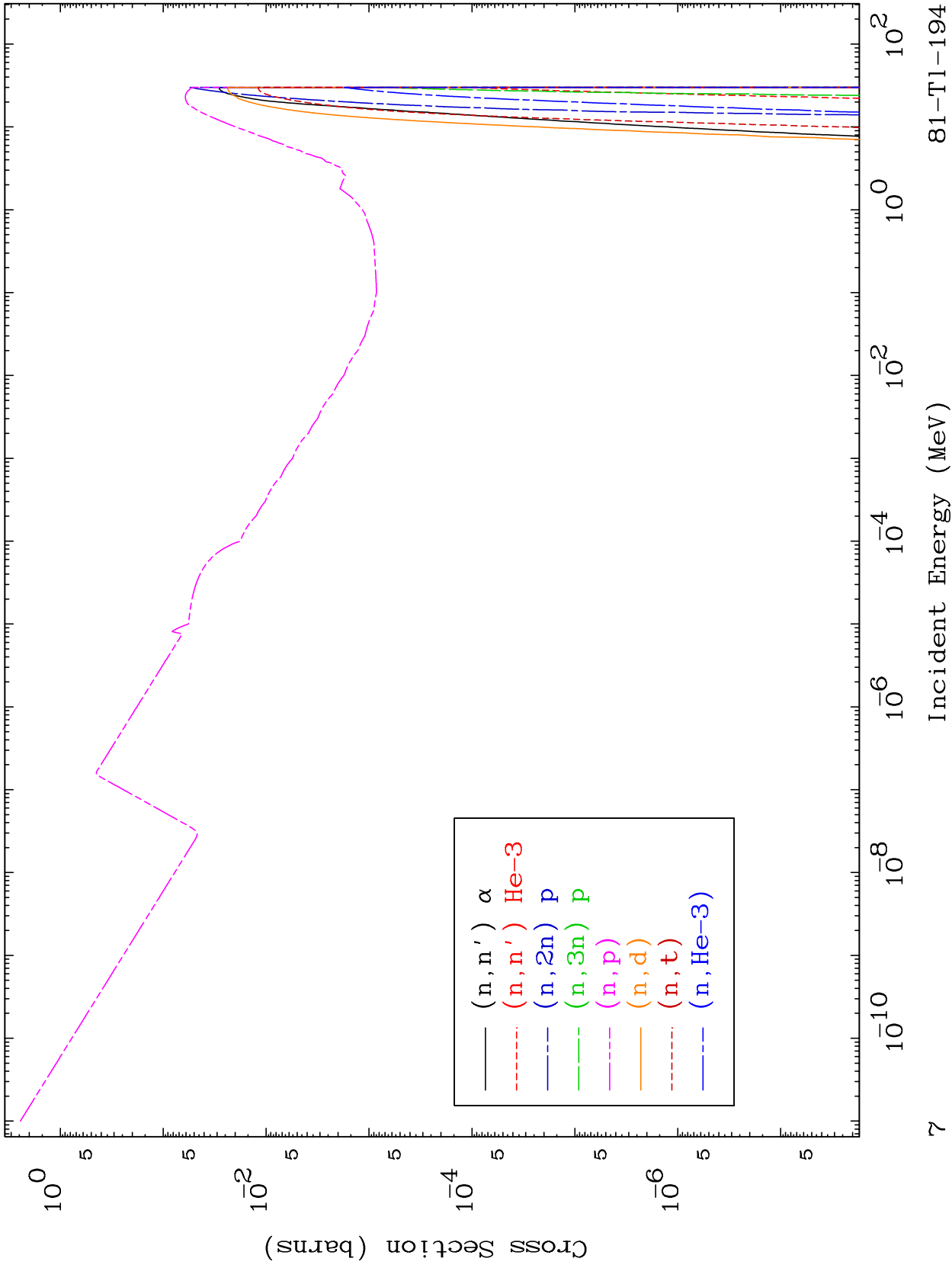
81-Tl-194



MAT 8098

Charged Particle  
293 Kelvin Cross Sections

81-Tl-194

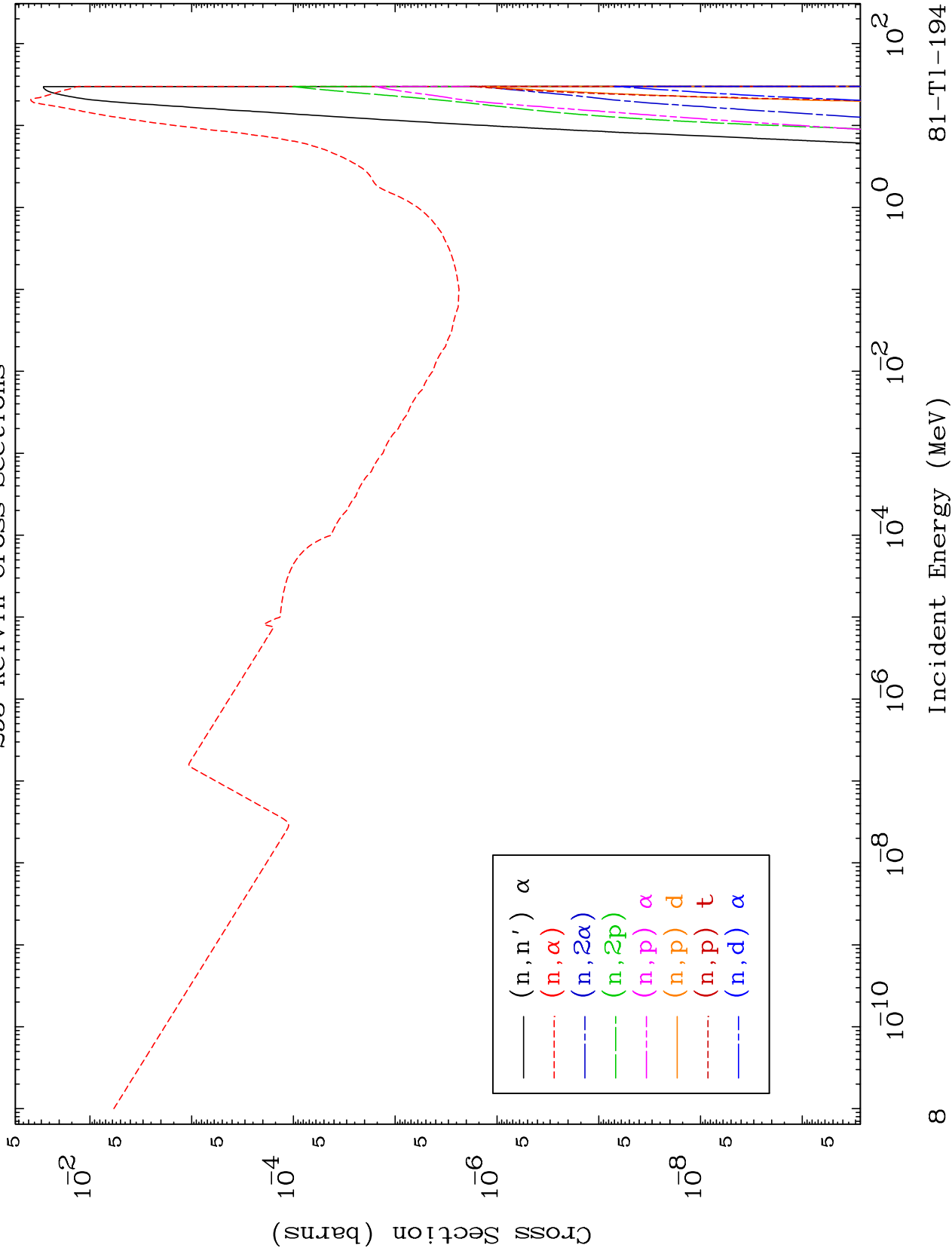




MAT 8098

Charged Particle  
293 Kelvin Cross Sections

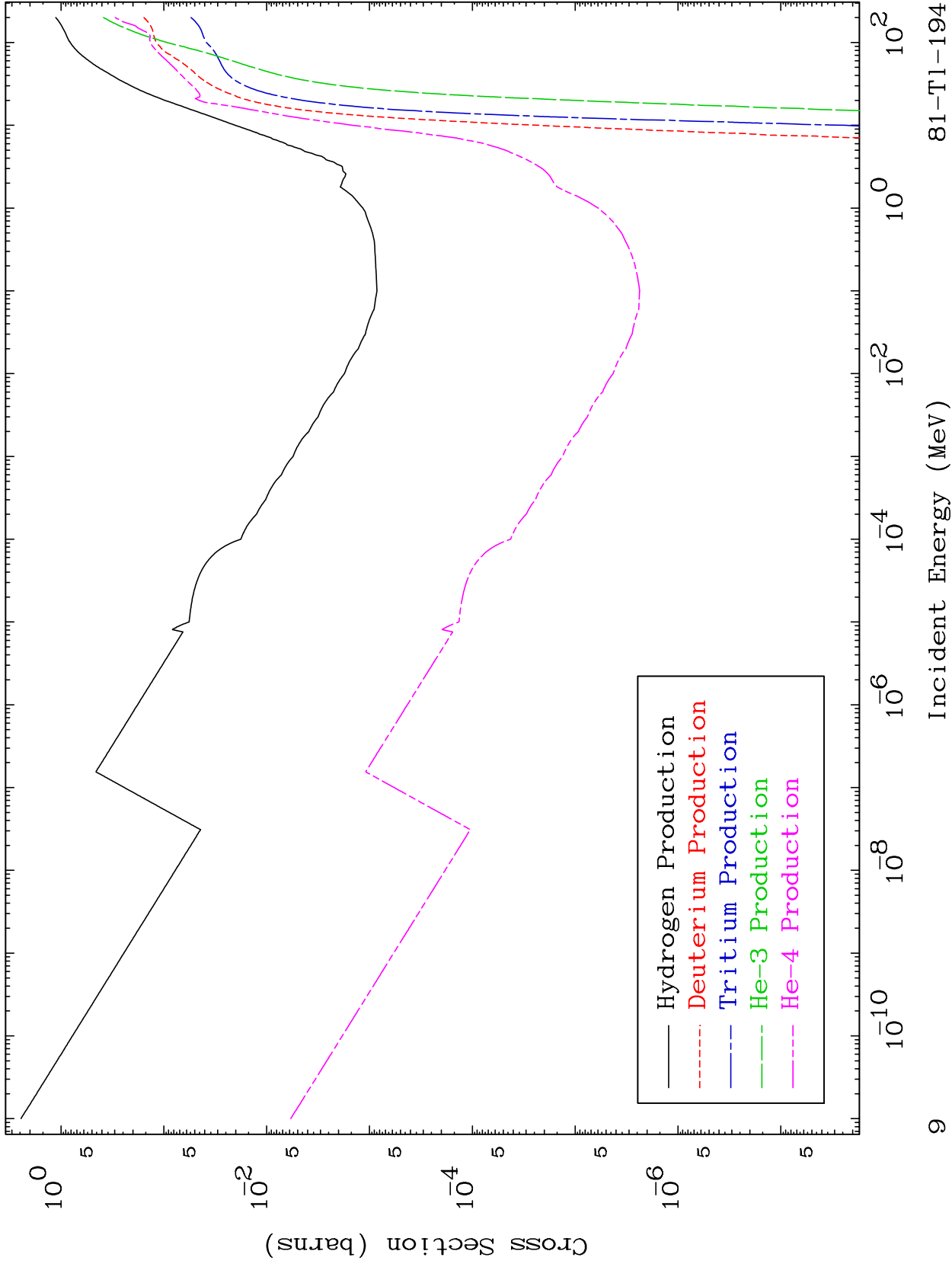
81-Tl-194



MAT 8098

Particle Production  
293 Kelvin Cross Sections

81-Tl-194

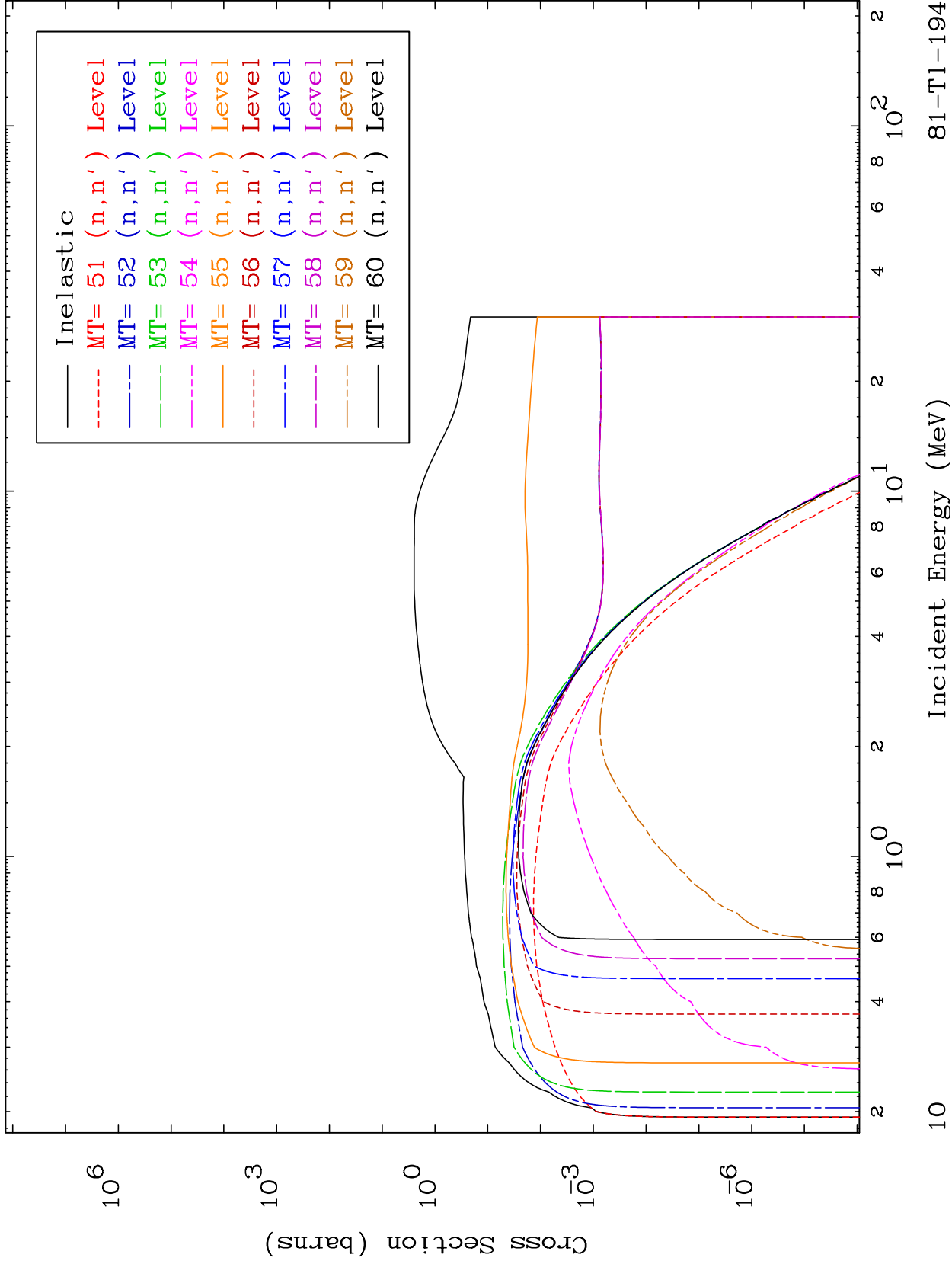


MAT 8098

(n,n') Levels

81-Tl-194

293 Kelvin Cross Sections

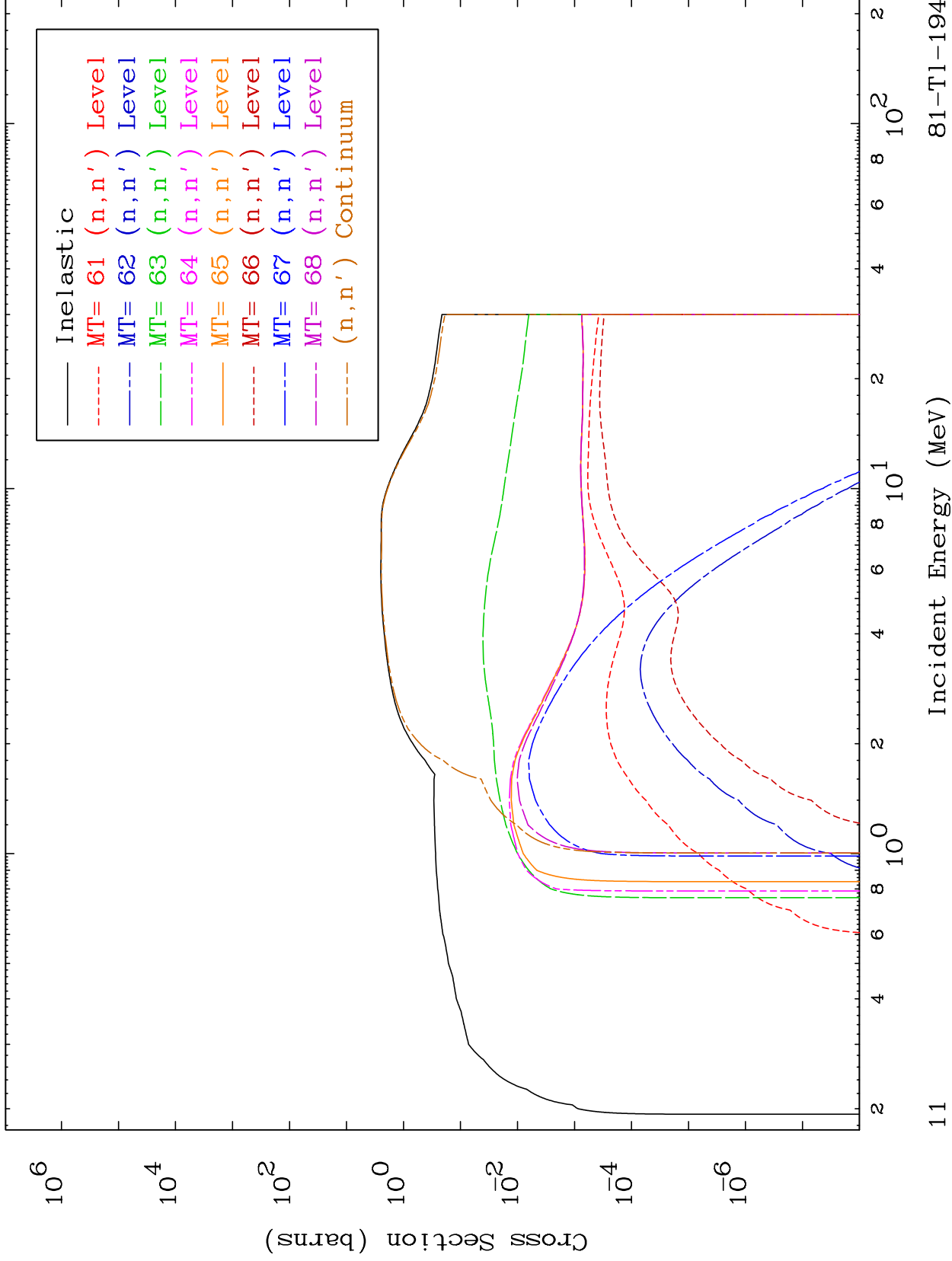


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Incident Energy (MeV)

81-Tl-194

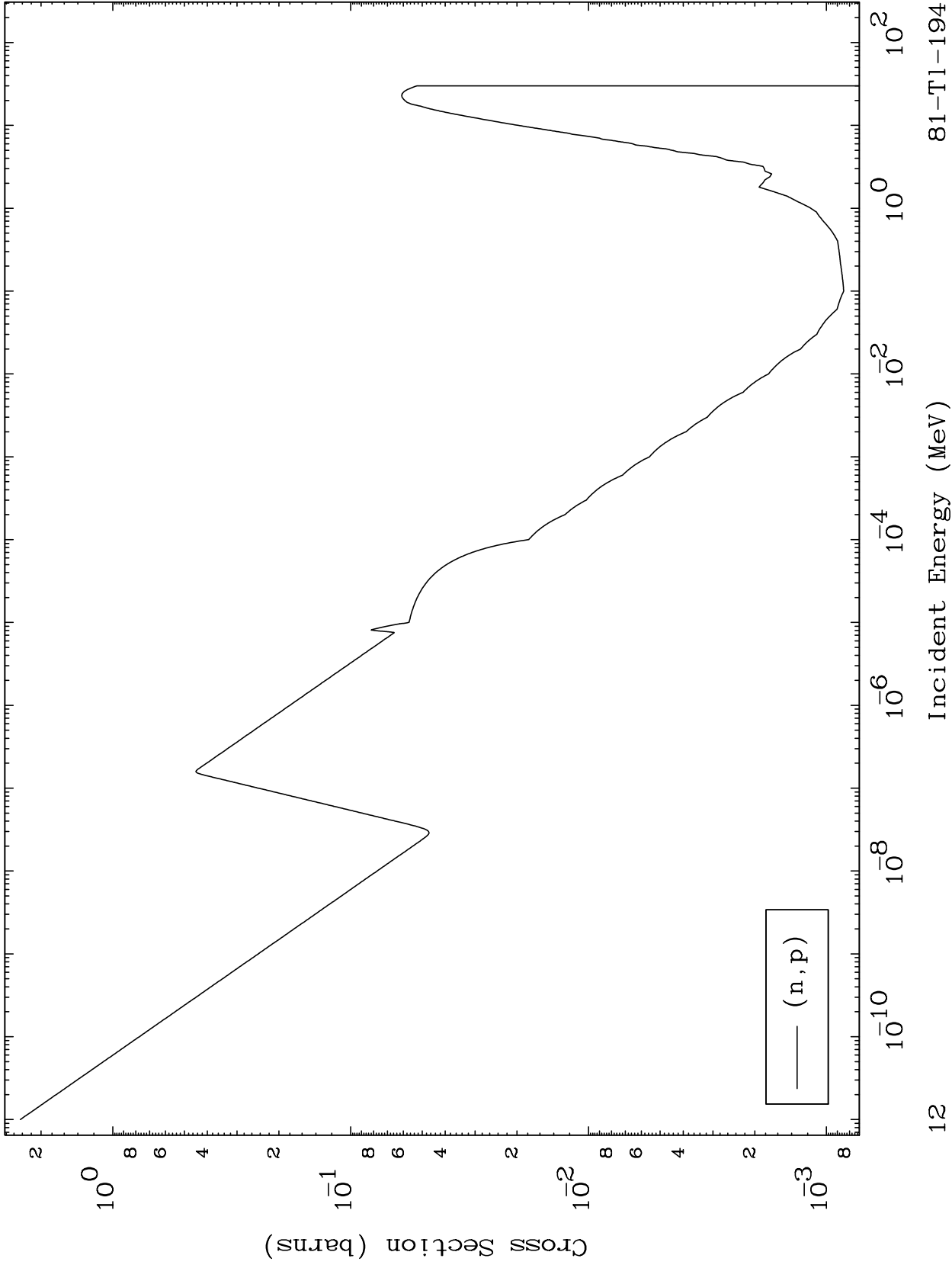
293 Kelvin Cross Sections



MAT 8098

(n,p) Levels  
293 Kelvin Cross Sections

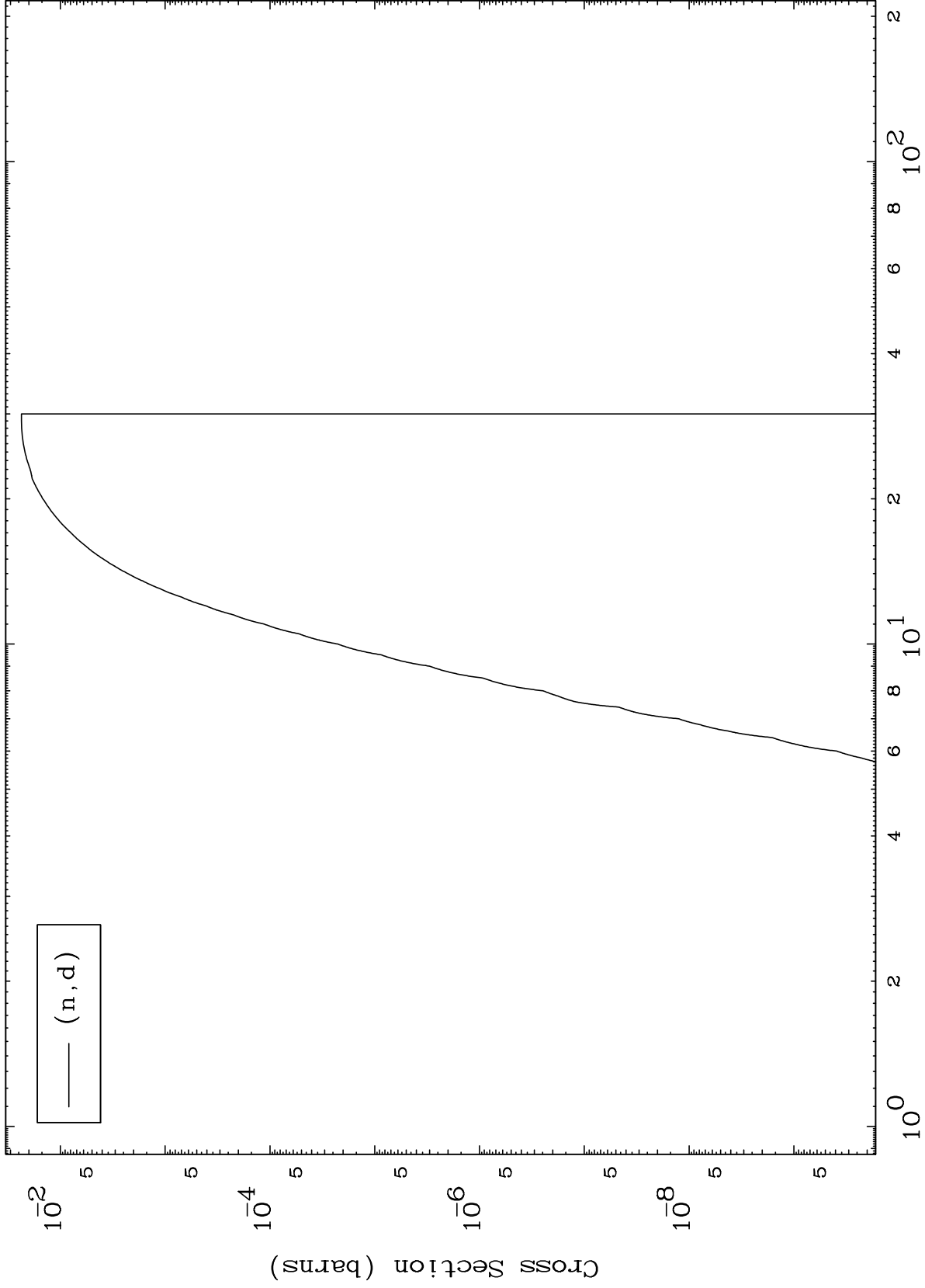
81-Tl-194



MAT 8098

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-194



13

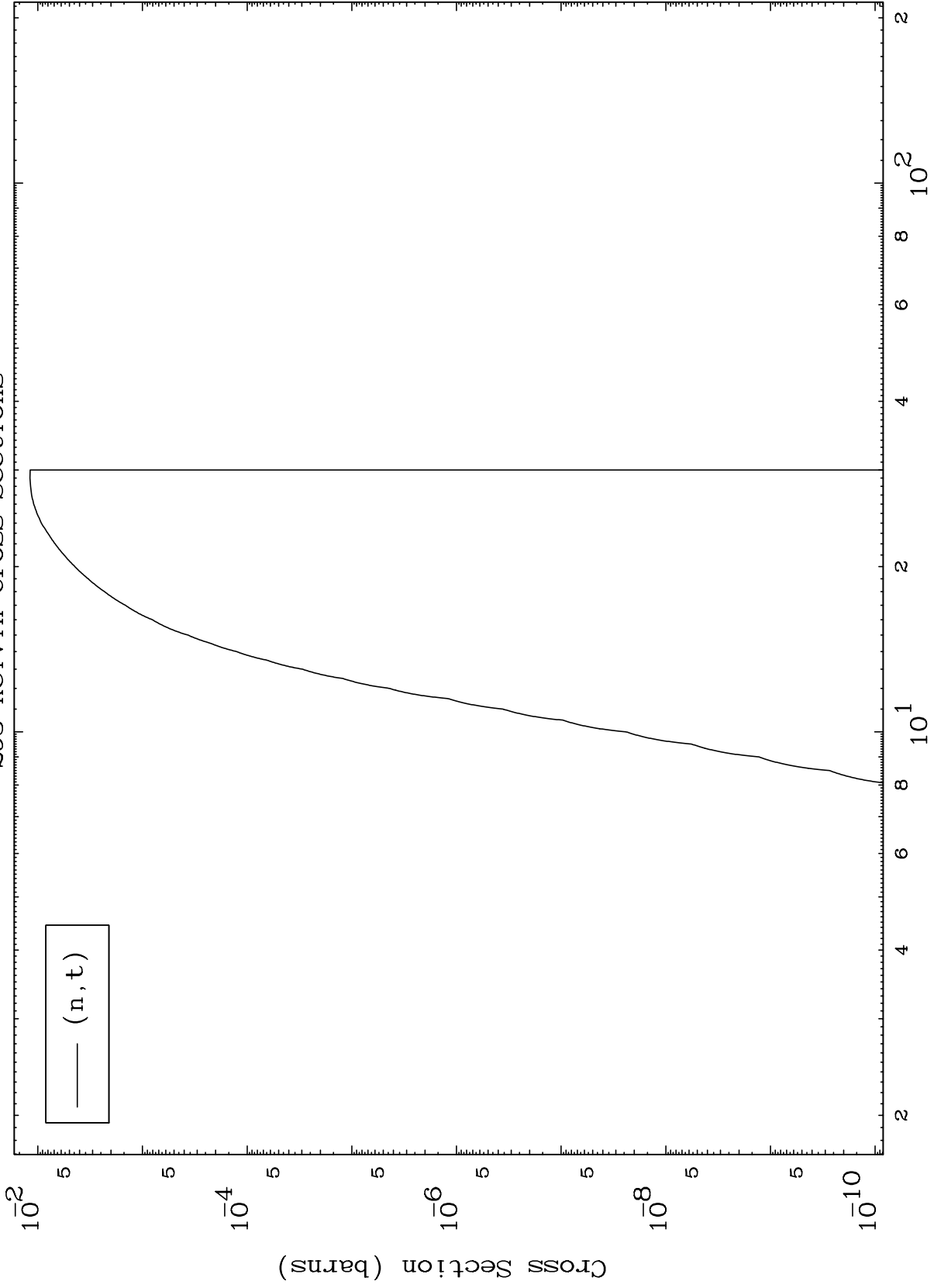
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-194



14

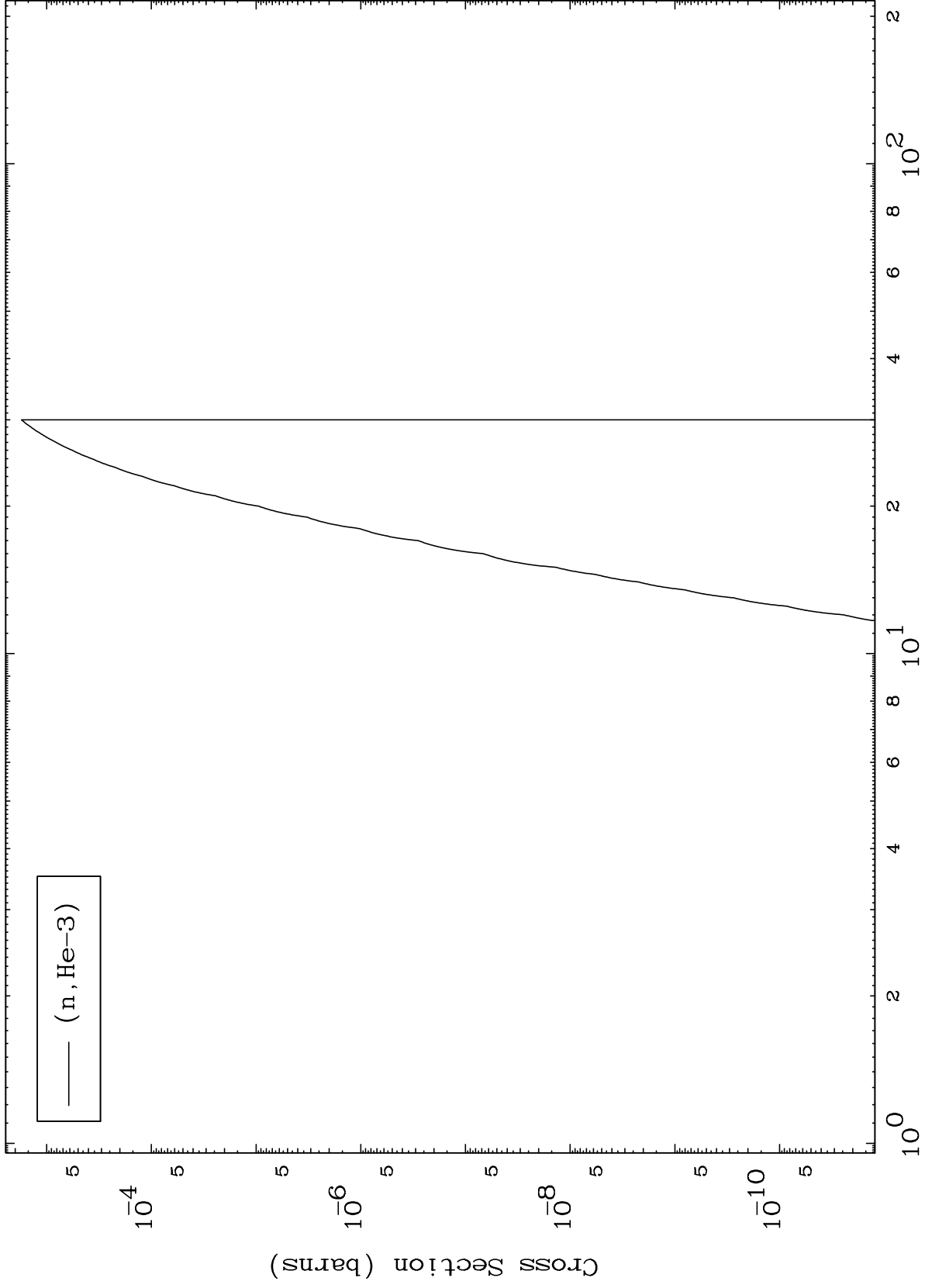
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,He3) Levels  
293 Kelvin Cross Sections

81-Tl-194



15

Incident Energy (MeV)

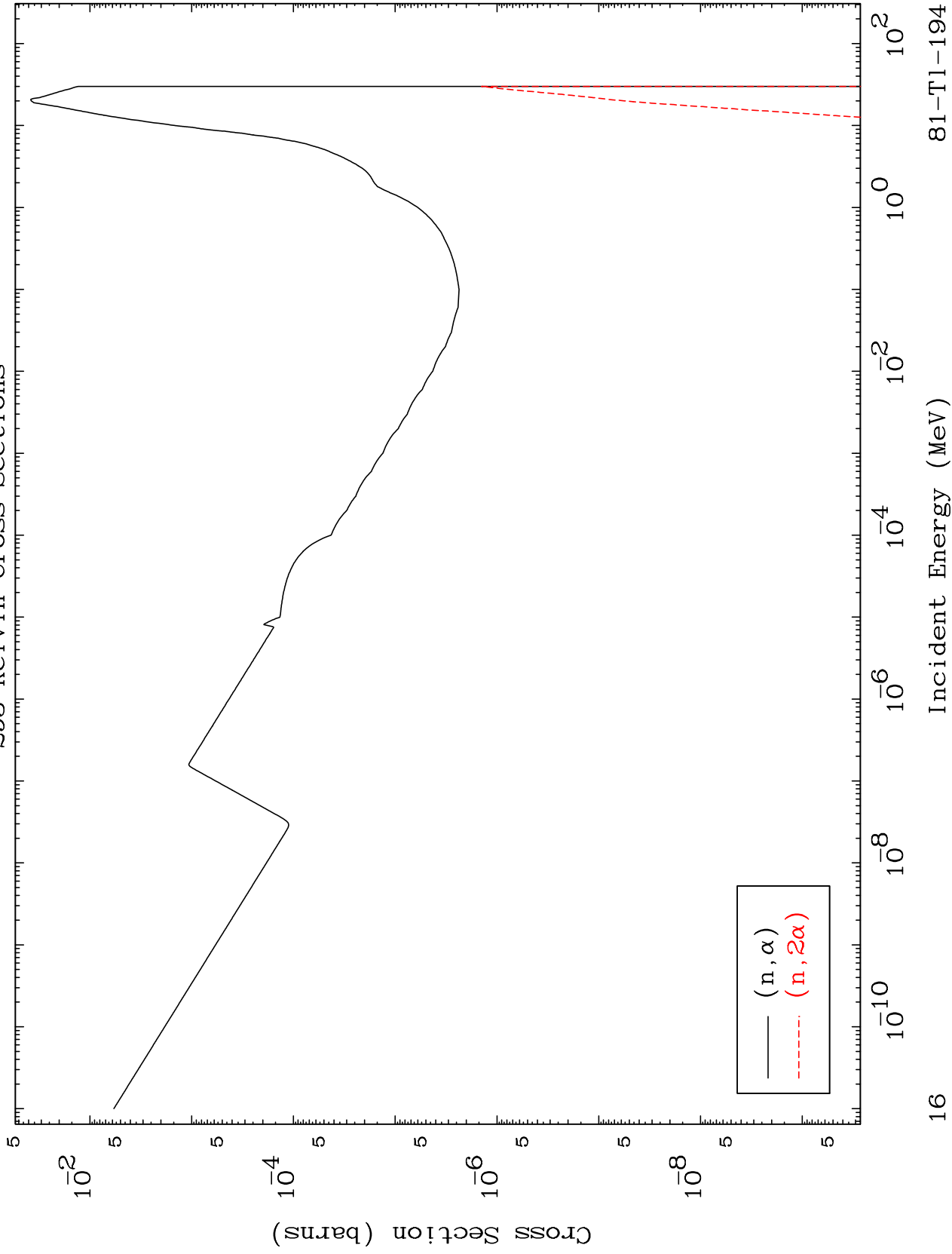
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MAT 8098

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

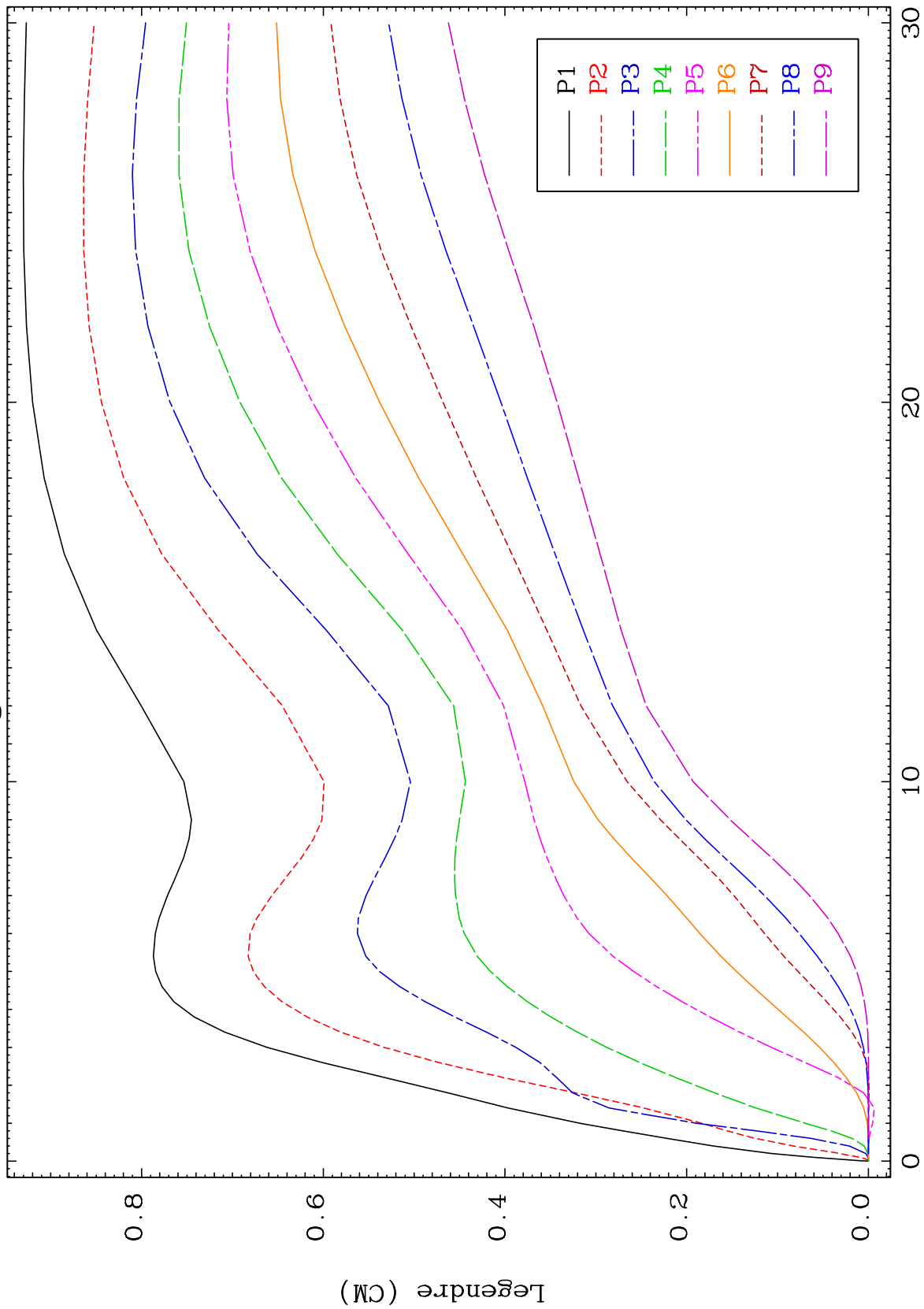
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MAT 8098

Elastic Legendre Coefficients

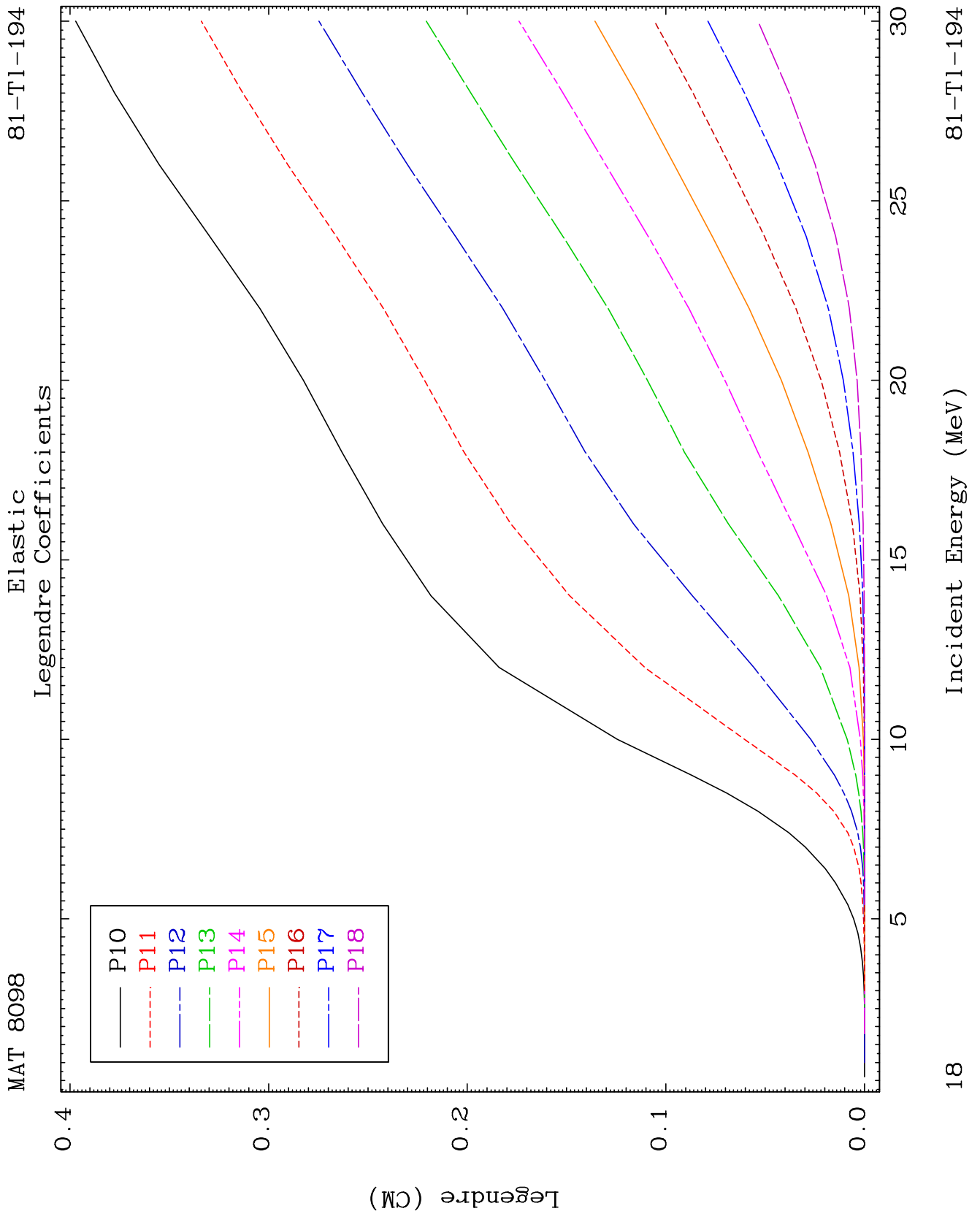
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Incident Energy (MeV)

81-Tl-194



81-Tl-194

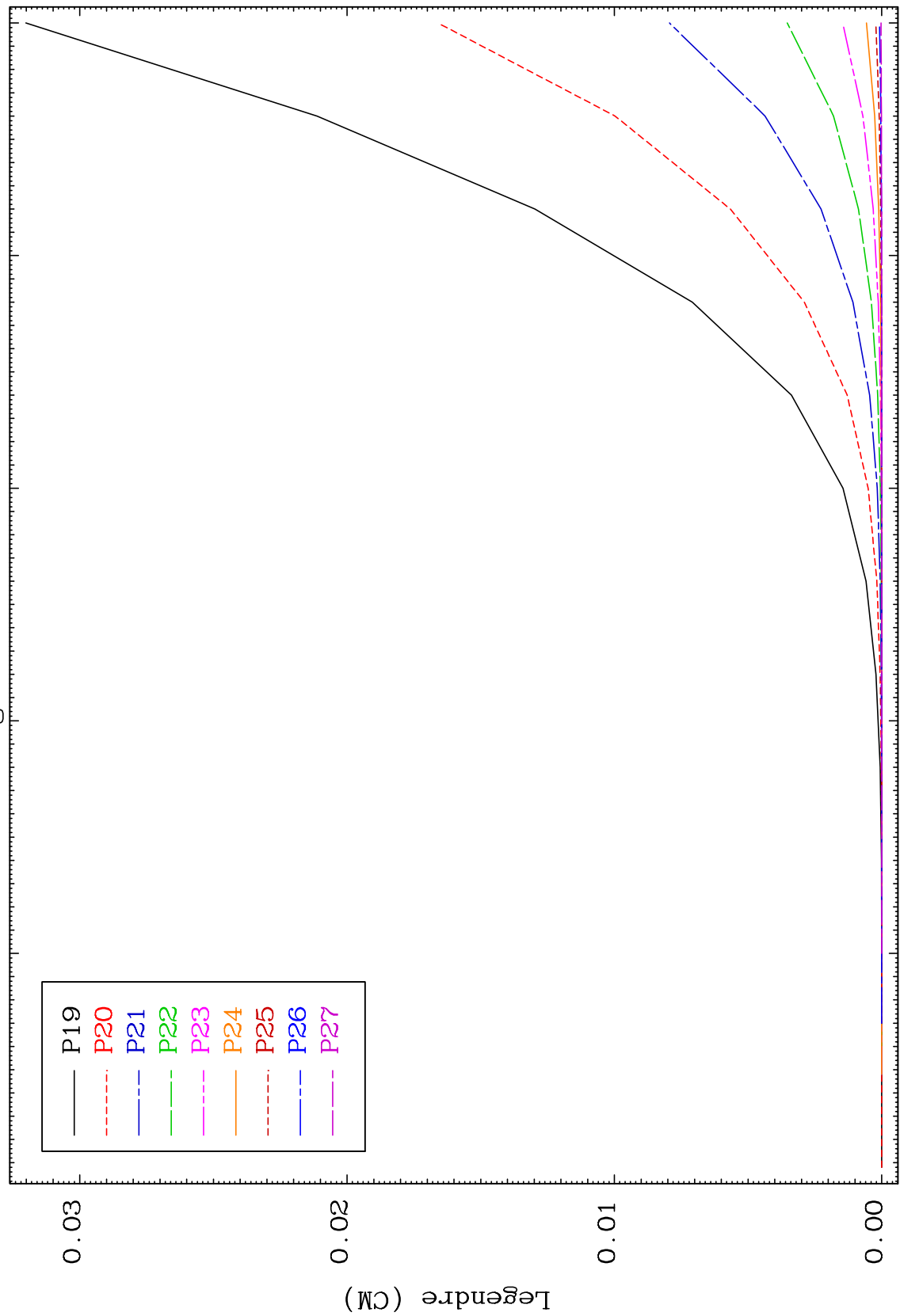
81-Tl-194

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MAT 8098

### Elastic Legendre Coefficients

81-Tl-194



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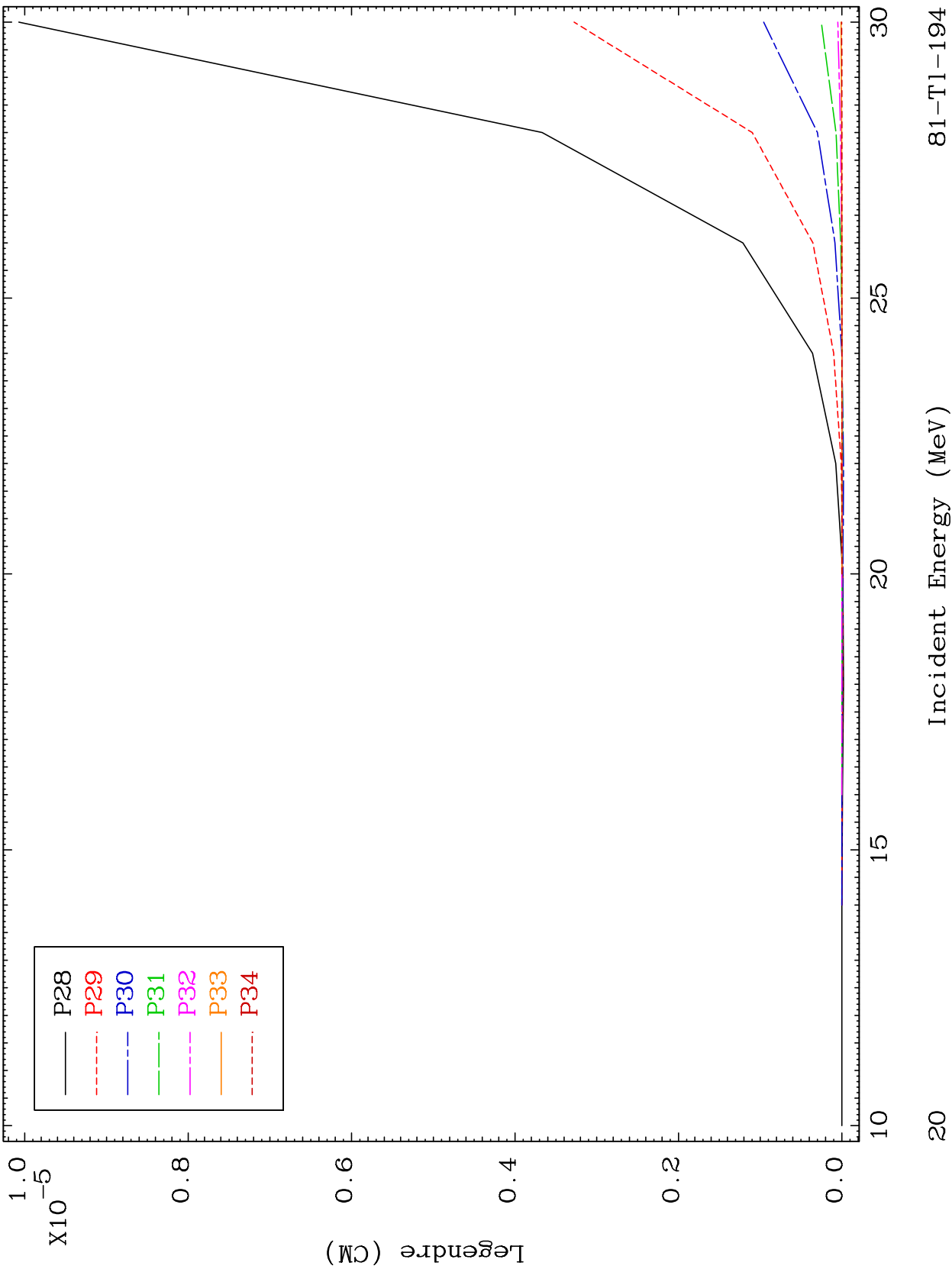
Incident Energy (MeV)

81-Tl-194

MAT 8098

Elastic Legendre Coefficients

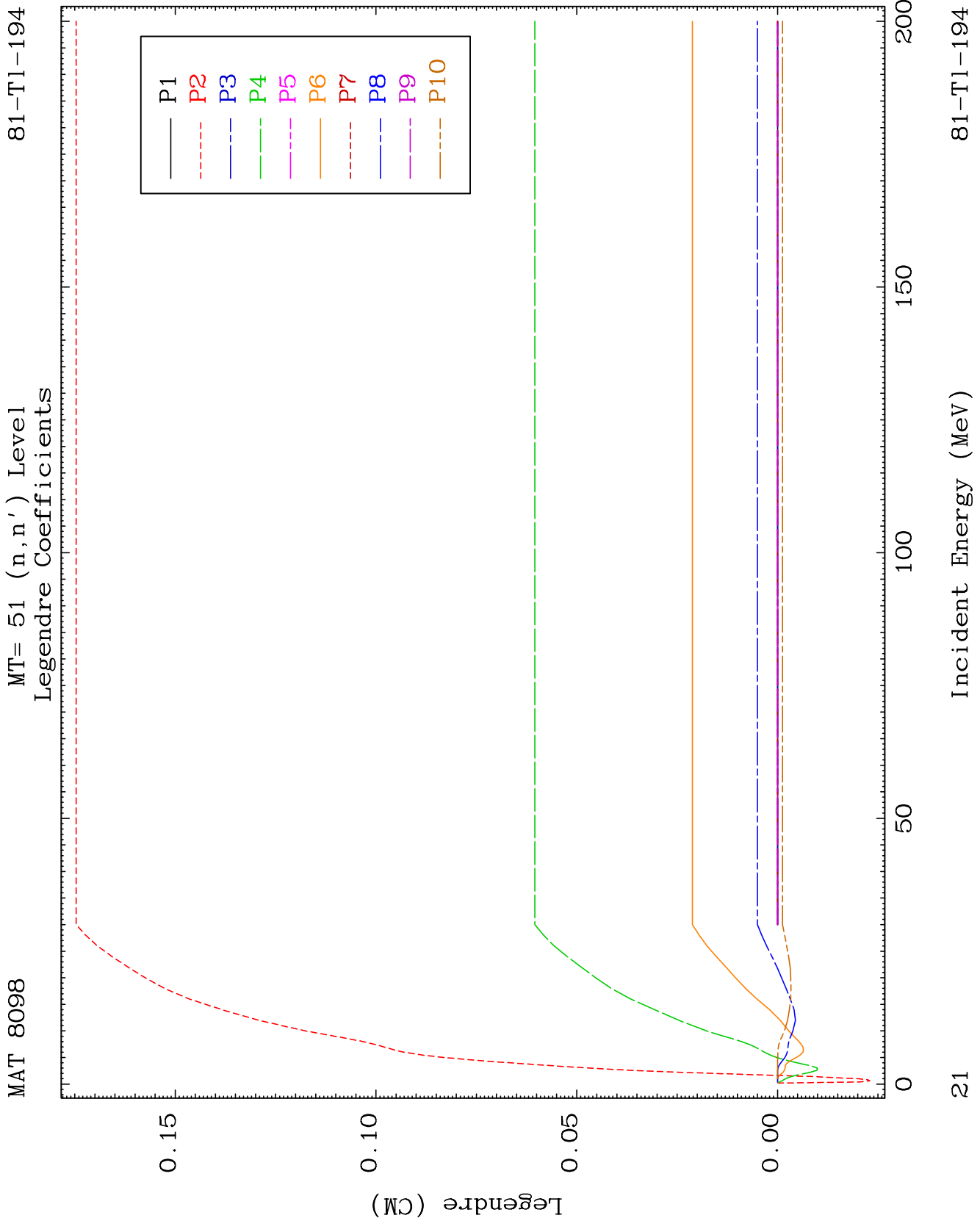
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Incident Energy (MeV)

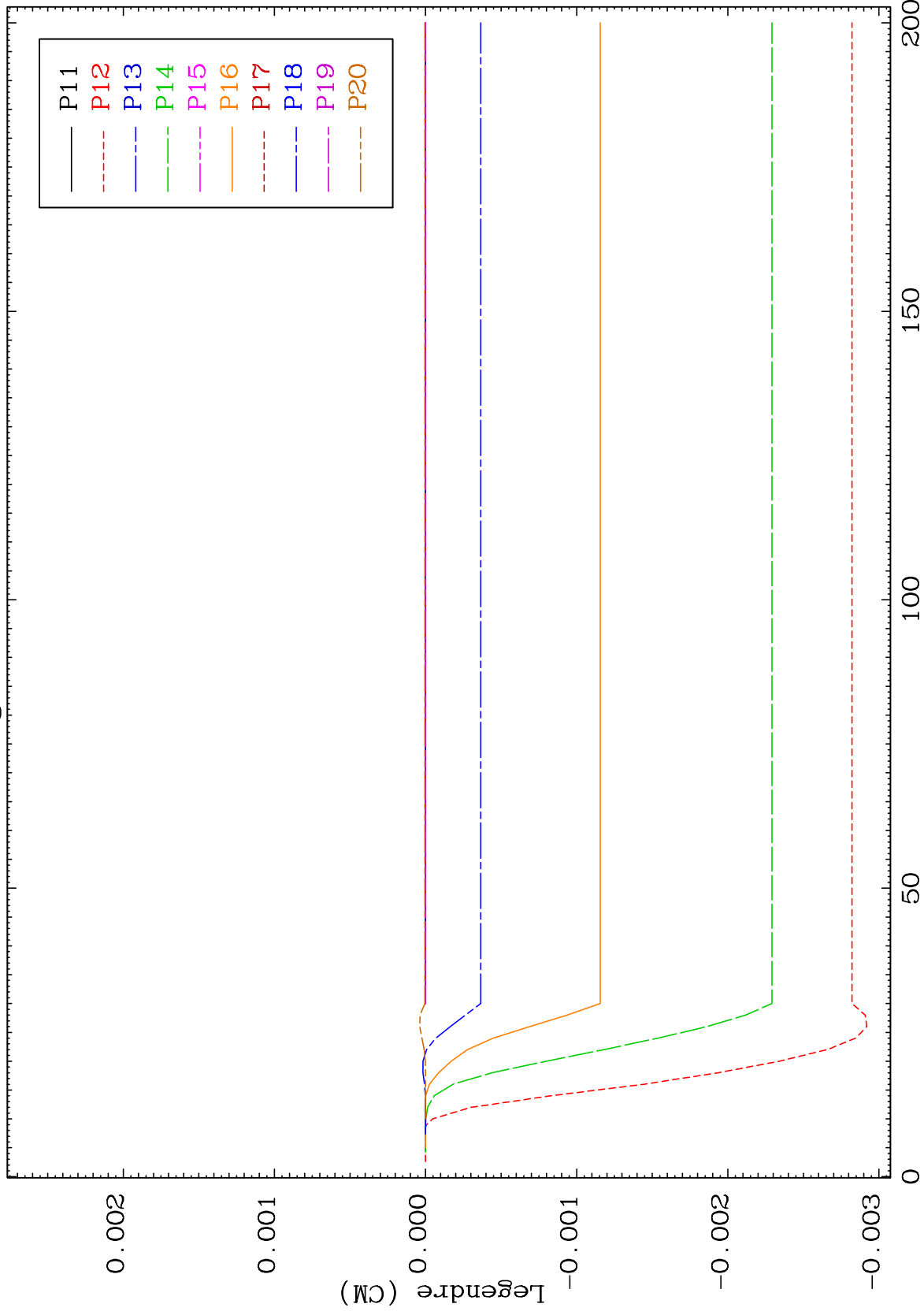
81-Tl-194



MAT 8098

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

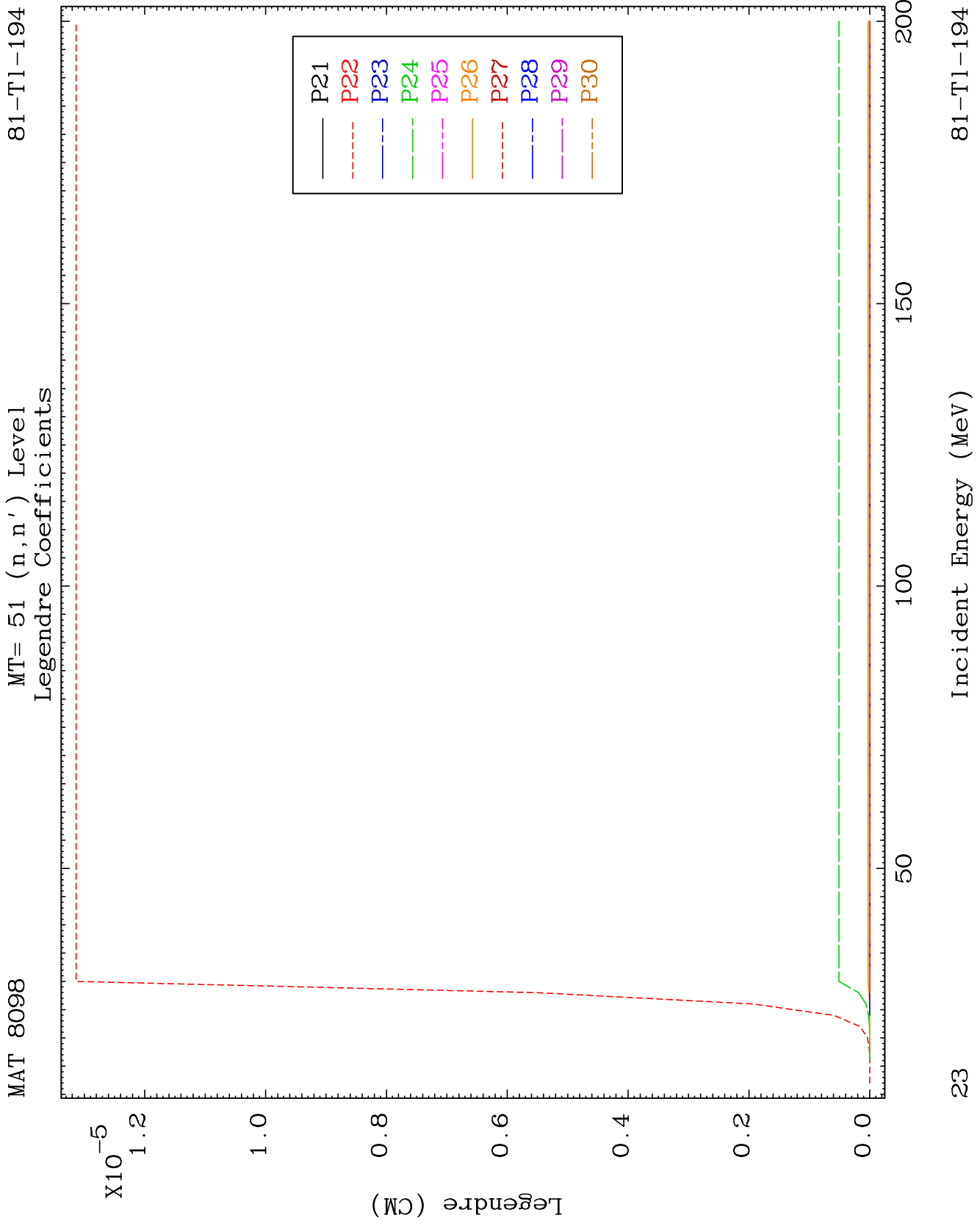
81-Tl-194



22

Incident Energy (MeV)

81-Tl-194

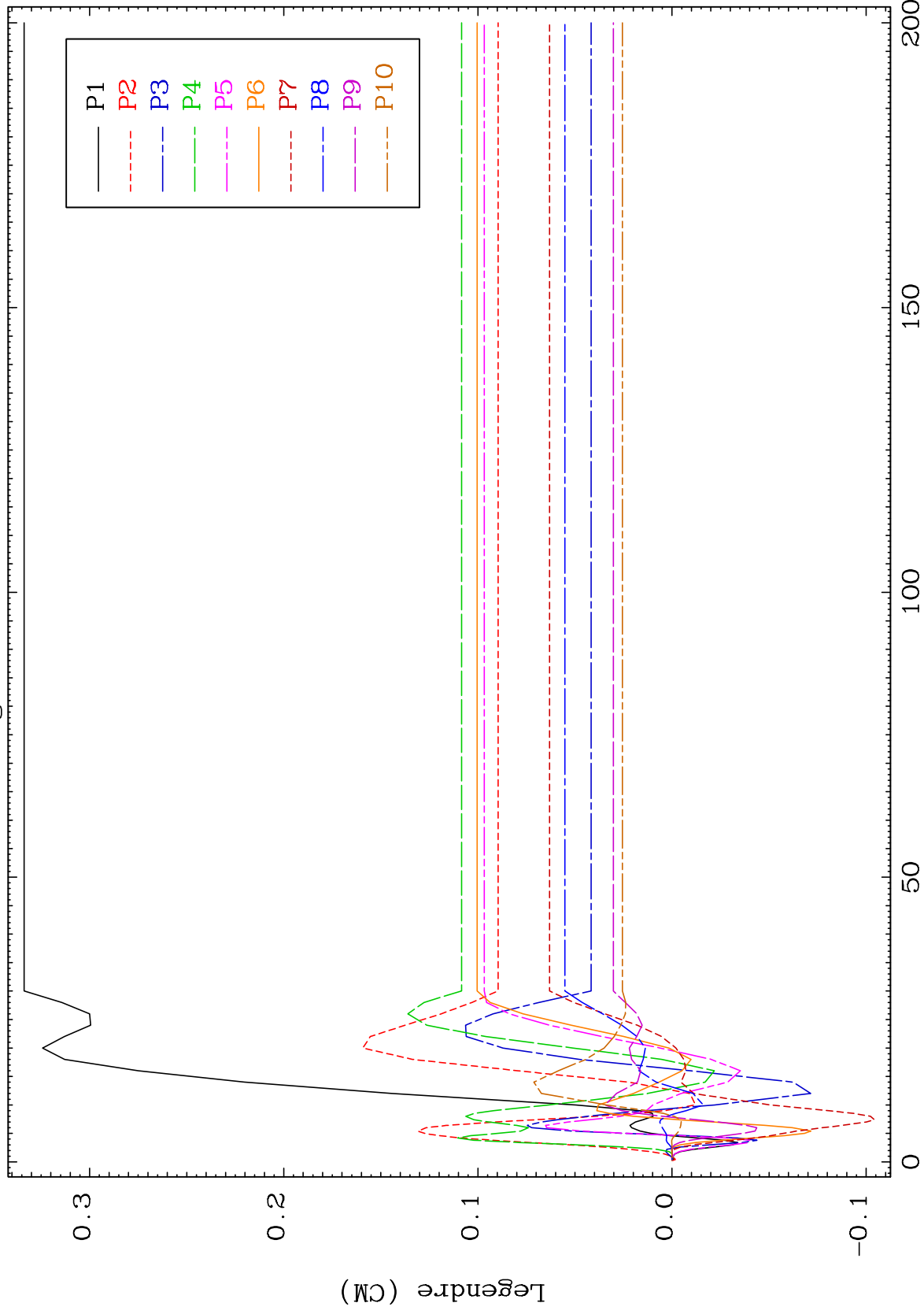




MAT 8098

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

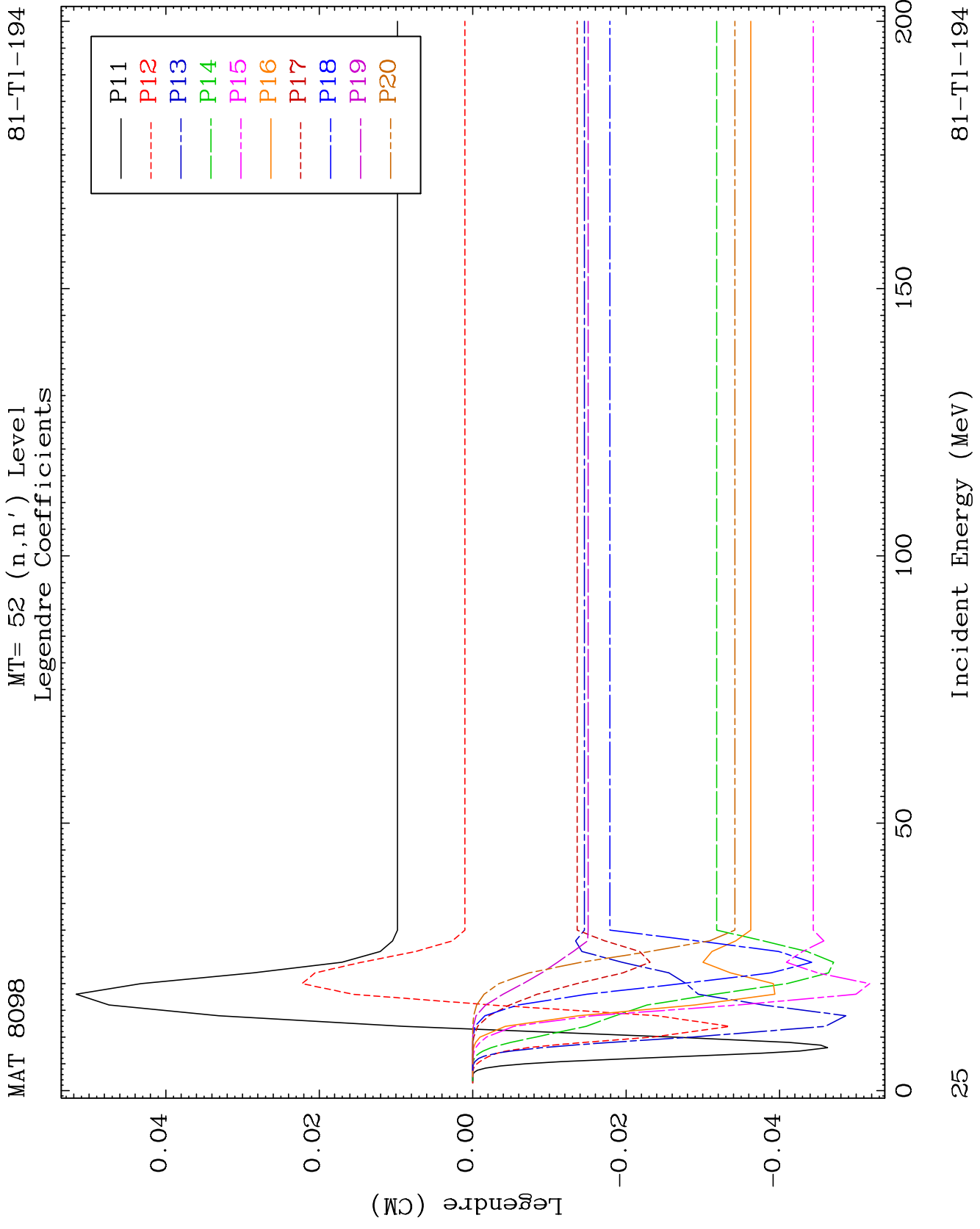
81-Tl-194



24

Incident Energy (MeV)

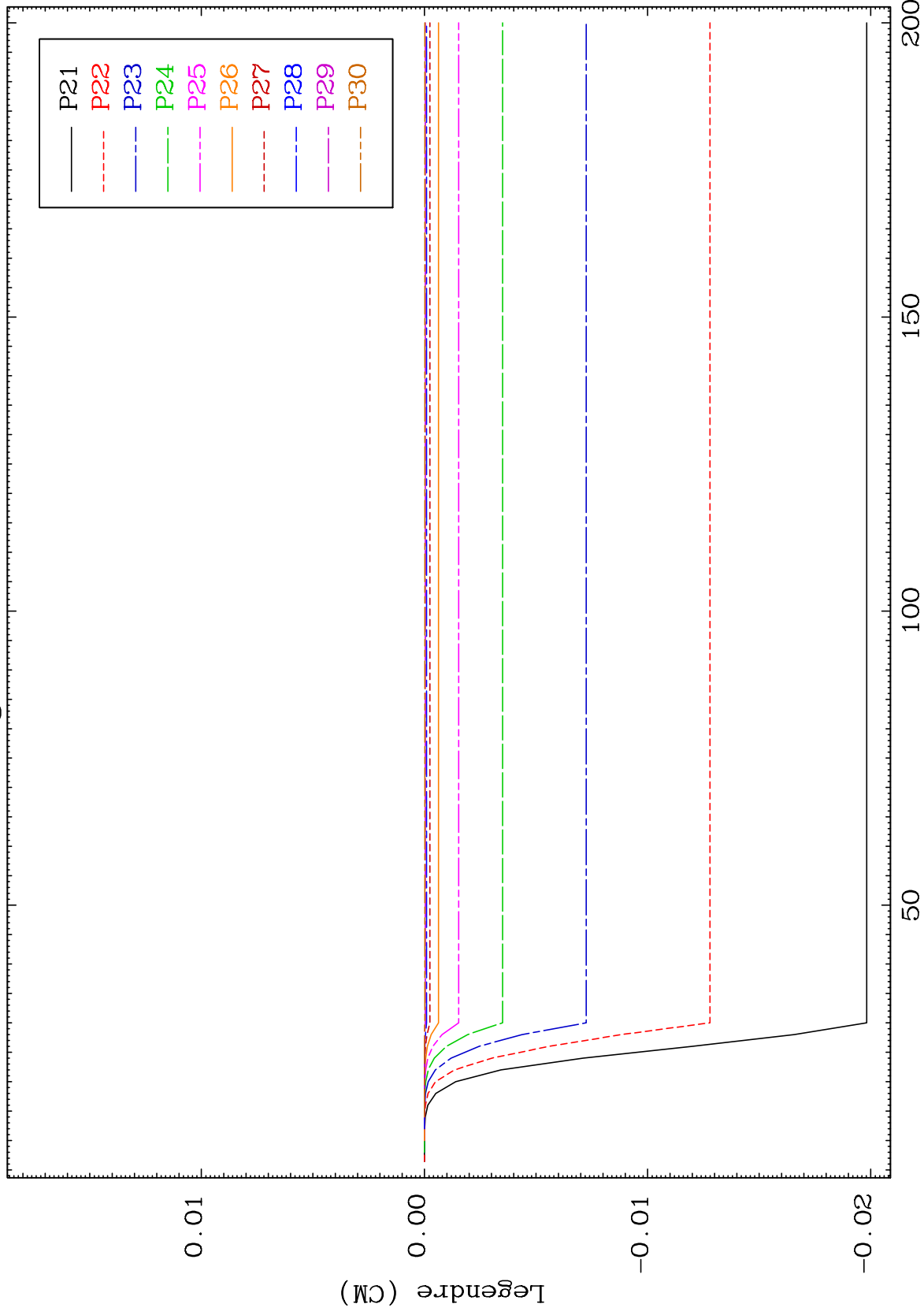
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MAT 8098

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

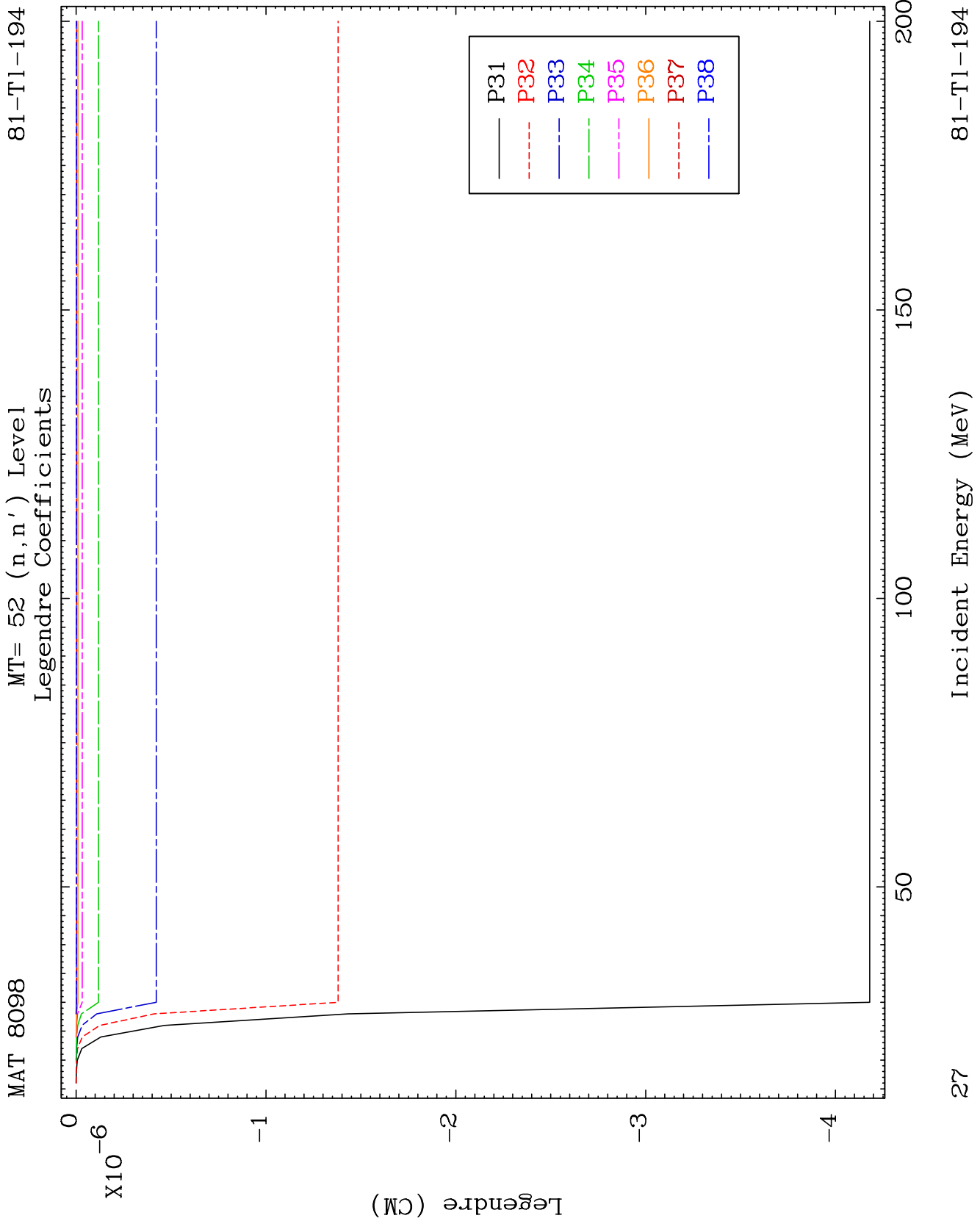
81-Tl-194



26

Incident Energy (MeV)

81-Tl-194

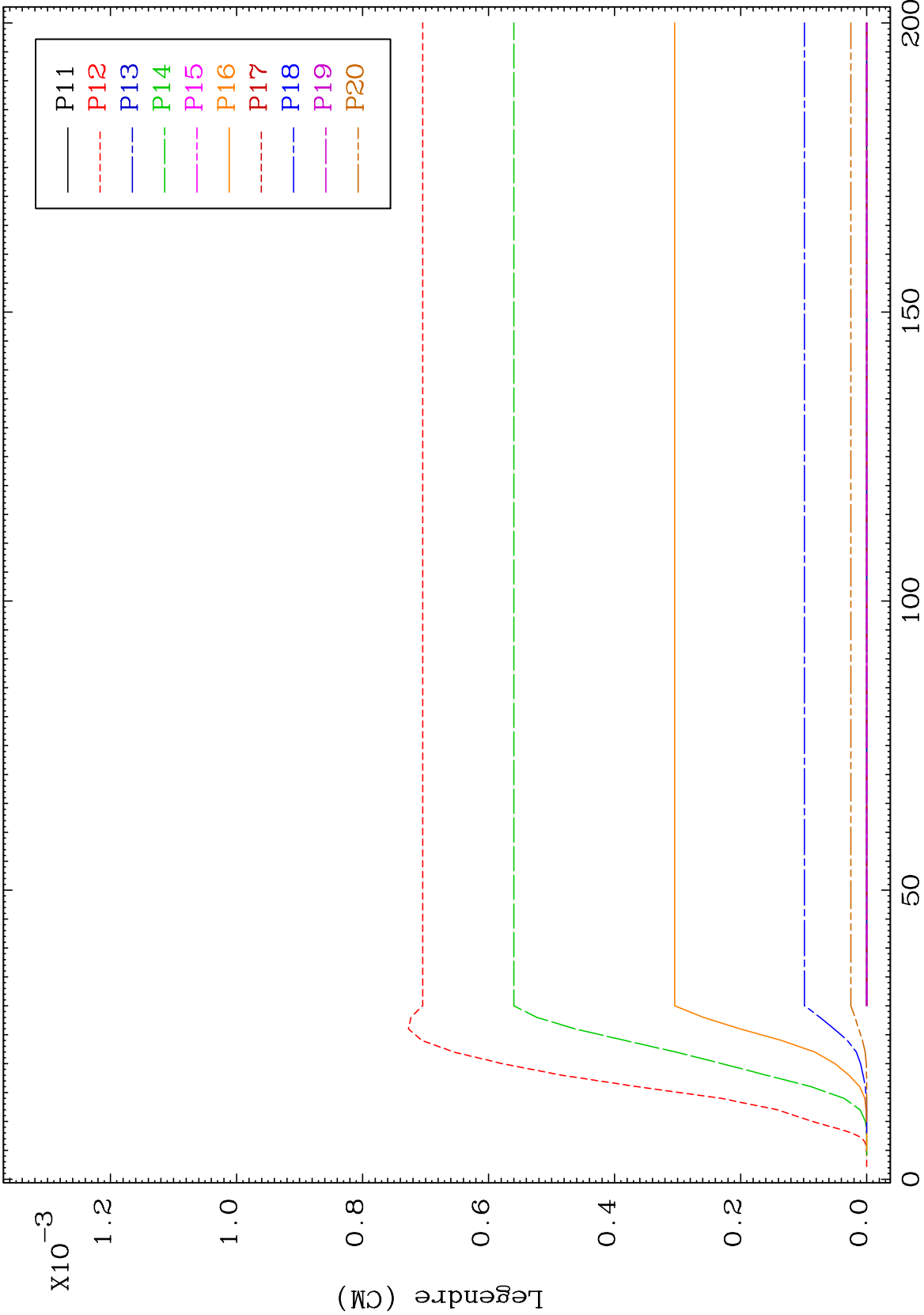




MAT 8098

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

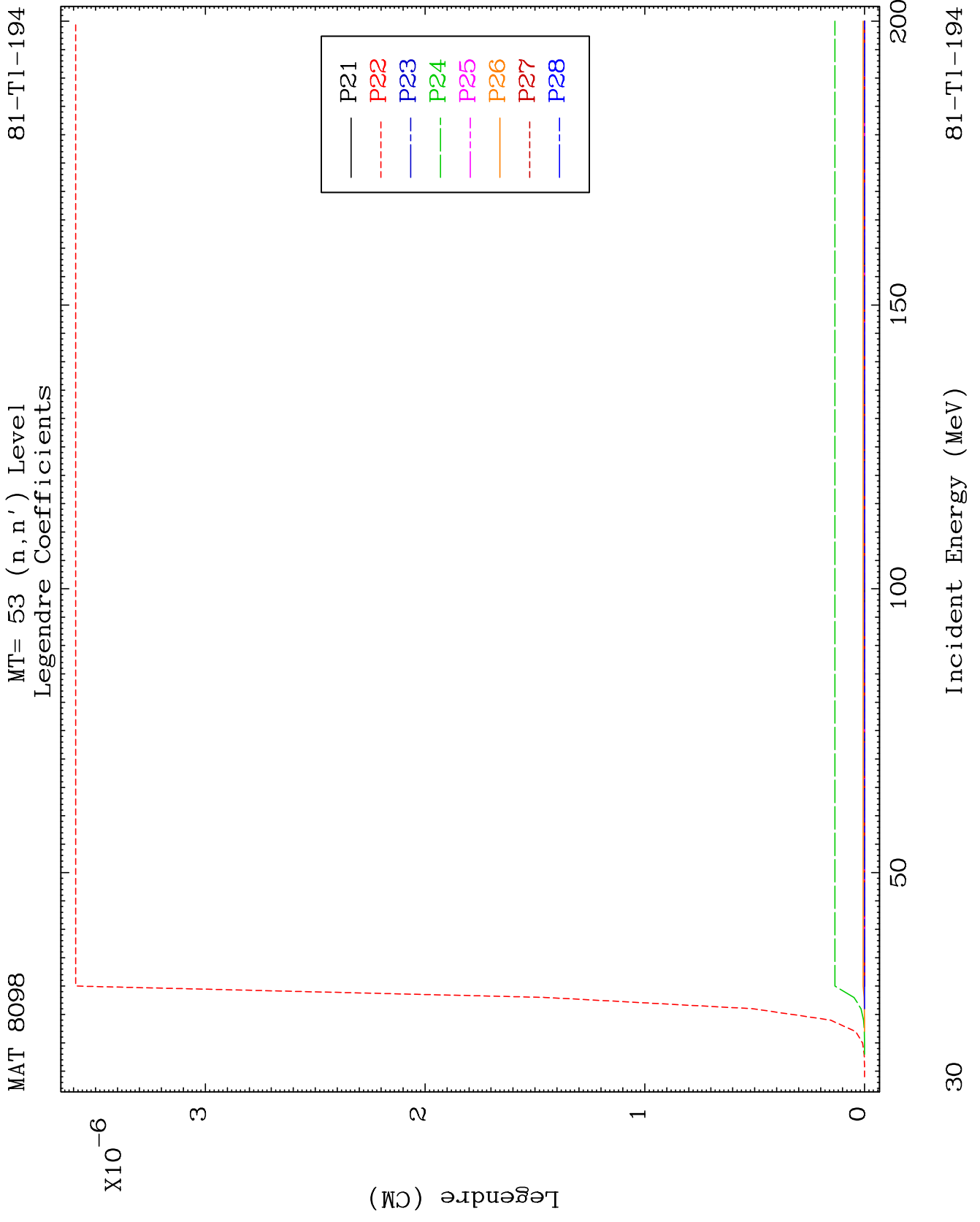
81-Tl-194



29

Incident Energy (MeV)

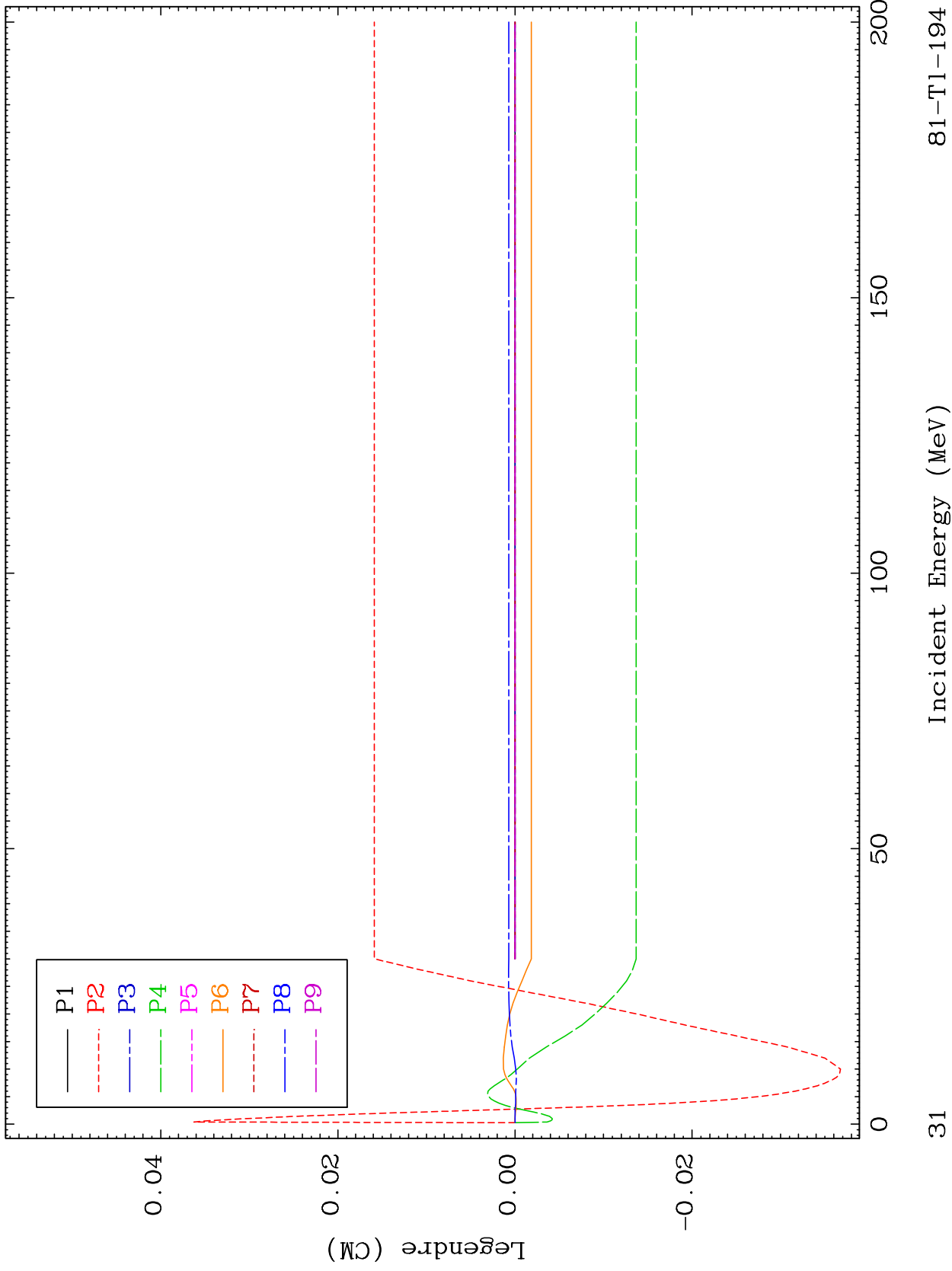
81-Tl-194



MAT 8098

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

81-Tl-194



31

Incident Energy (MeV)

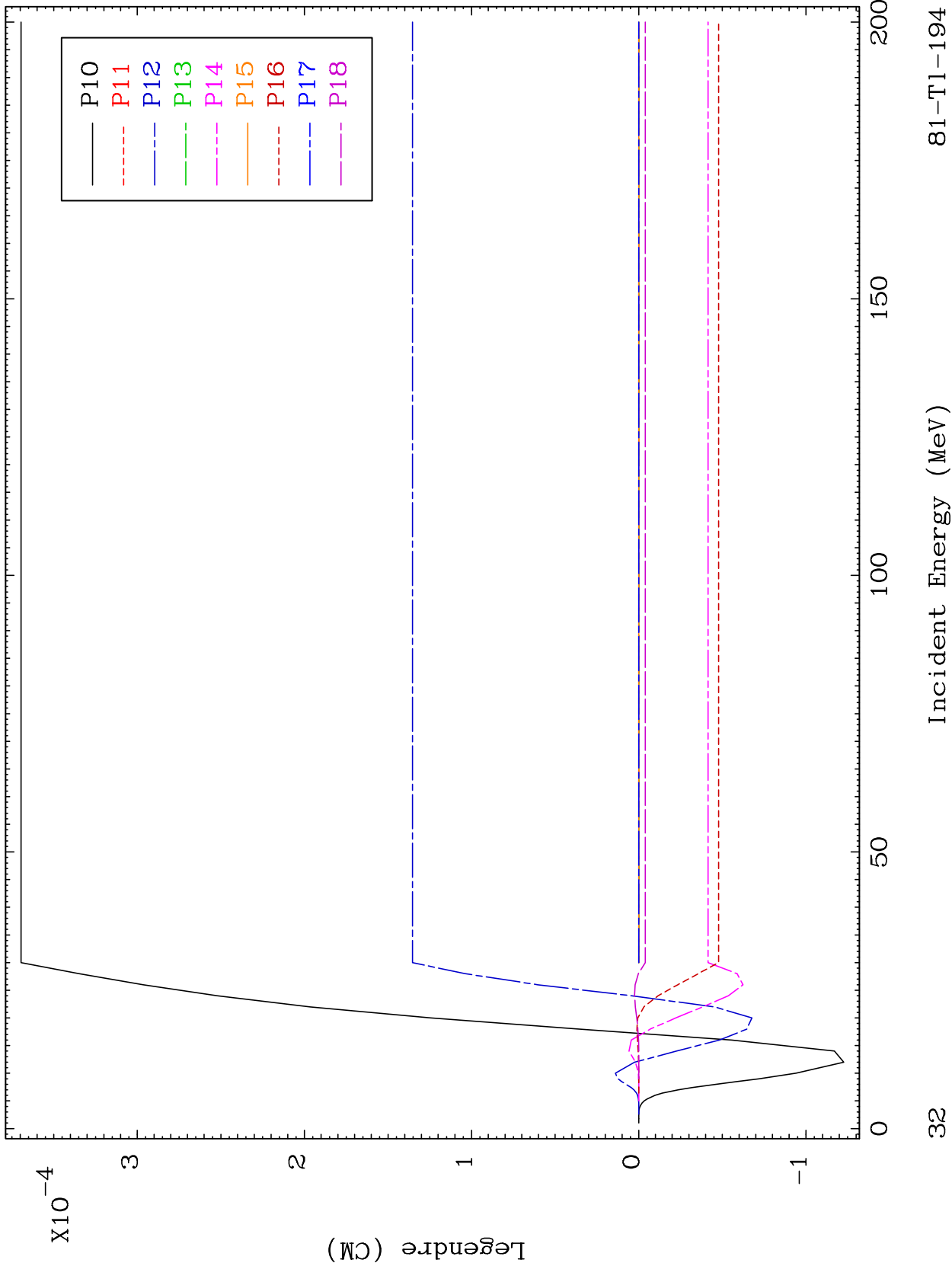
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MAT 8098

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

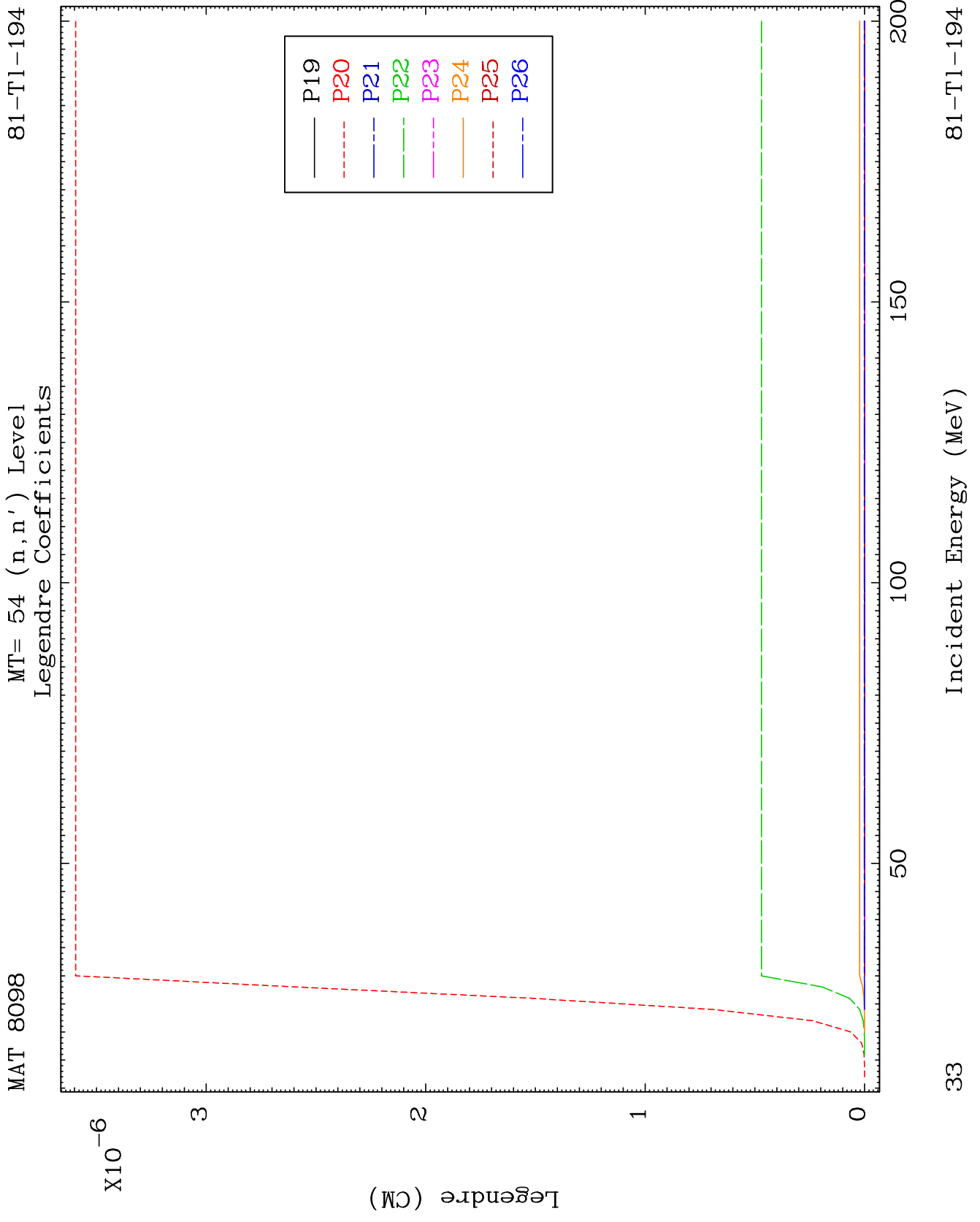
81-Tl-194



81-Tl-194

Incident Energy (MeV)

32

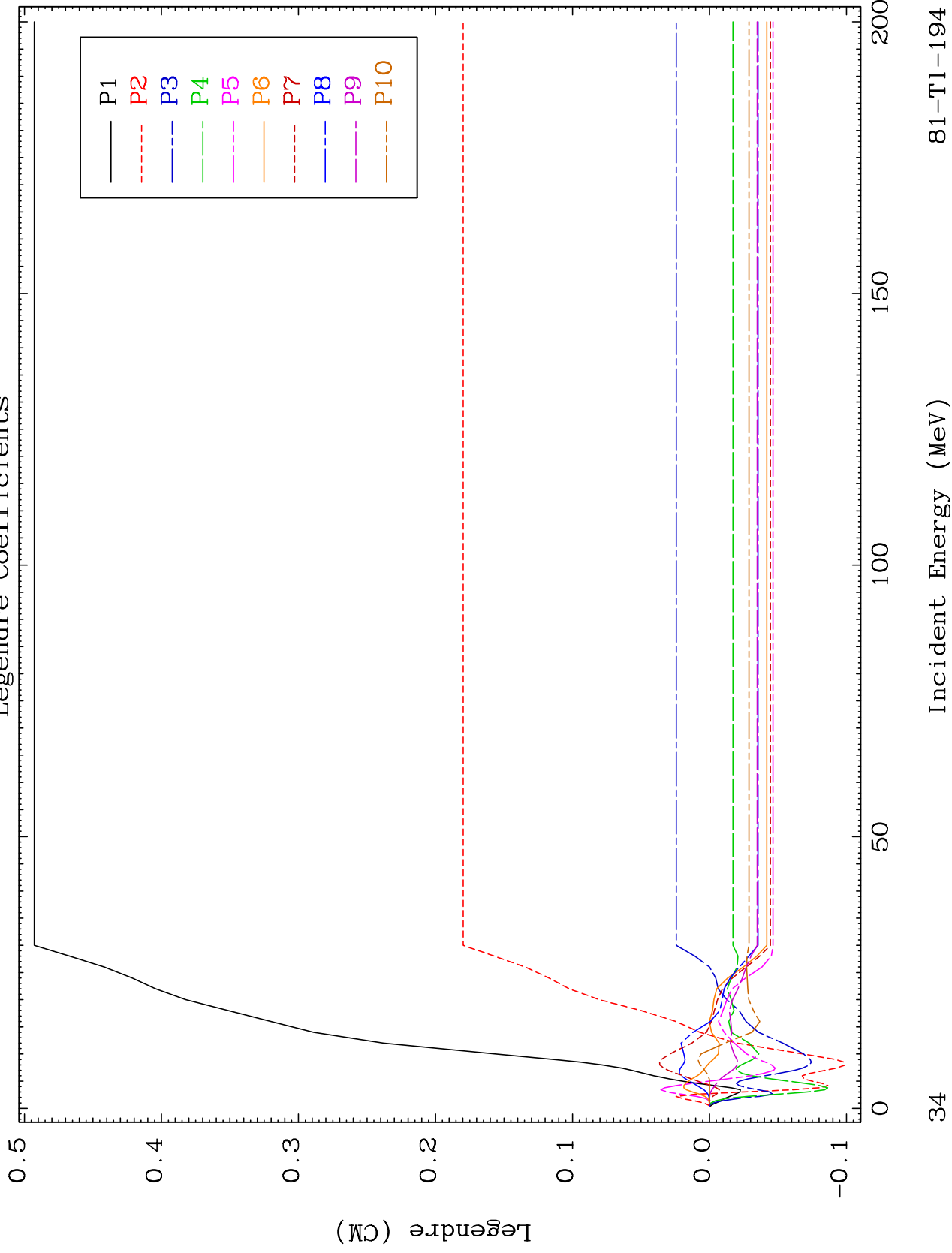


MAT 8098

MT= 55 (n,n') Level

81-Tl-194

Legendre Coefficients



81-Tl-194

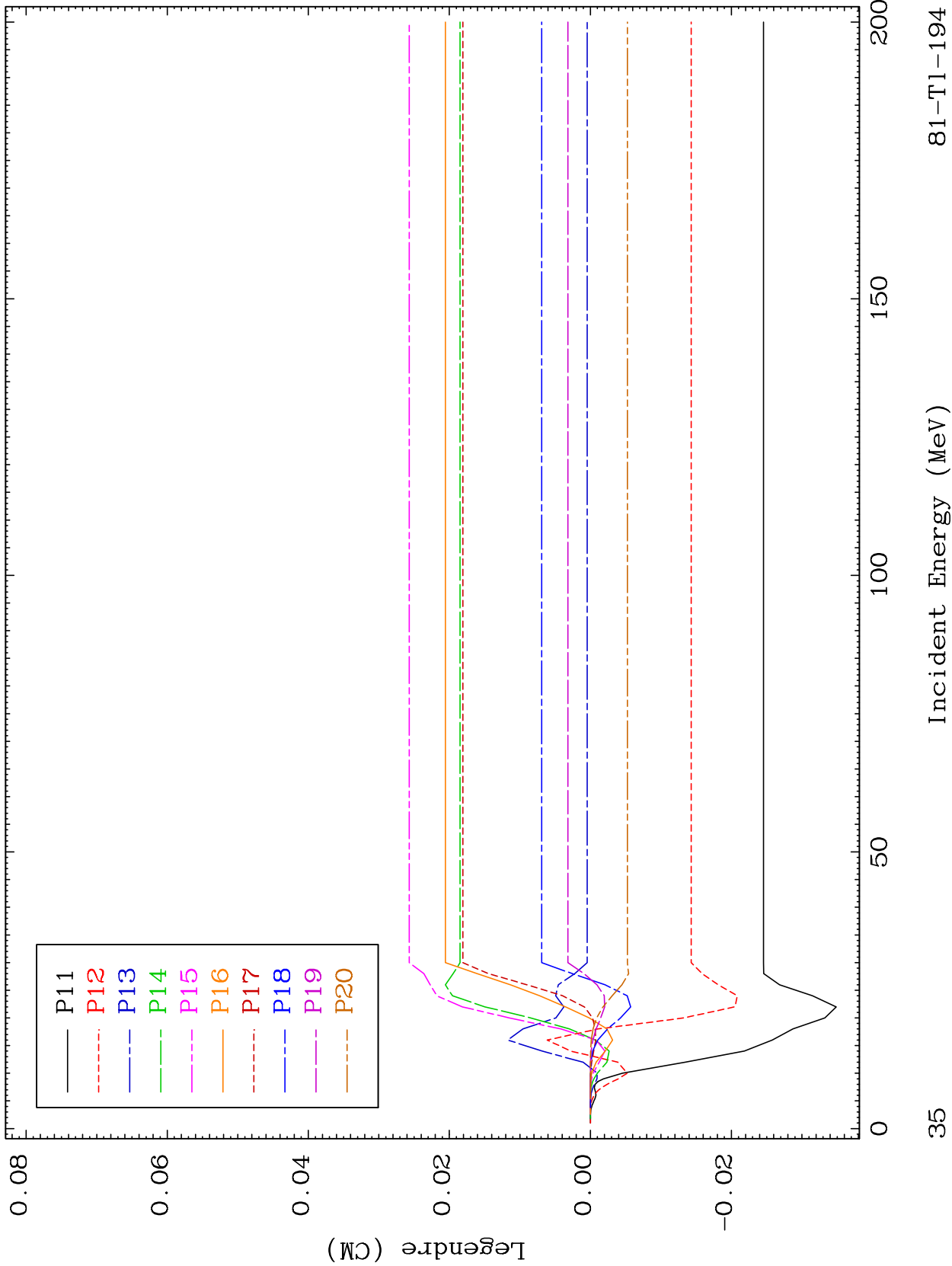
Incident Energy (MeV)

34

MAT 8098

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

81-Tl-194



81-Tl-194

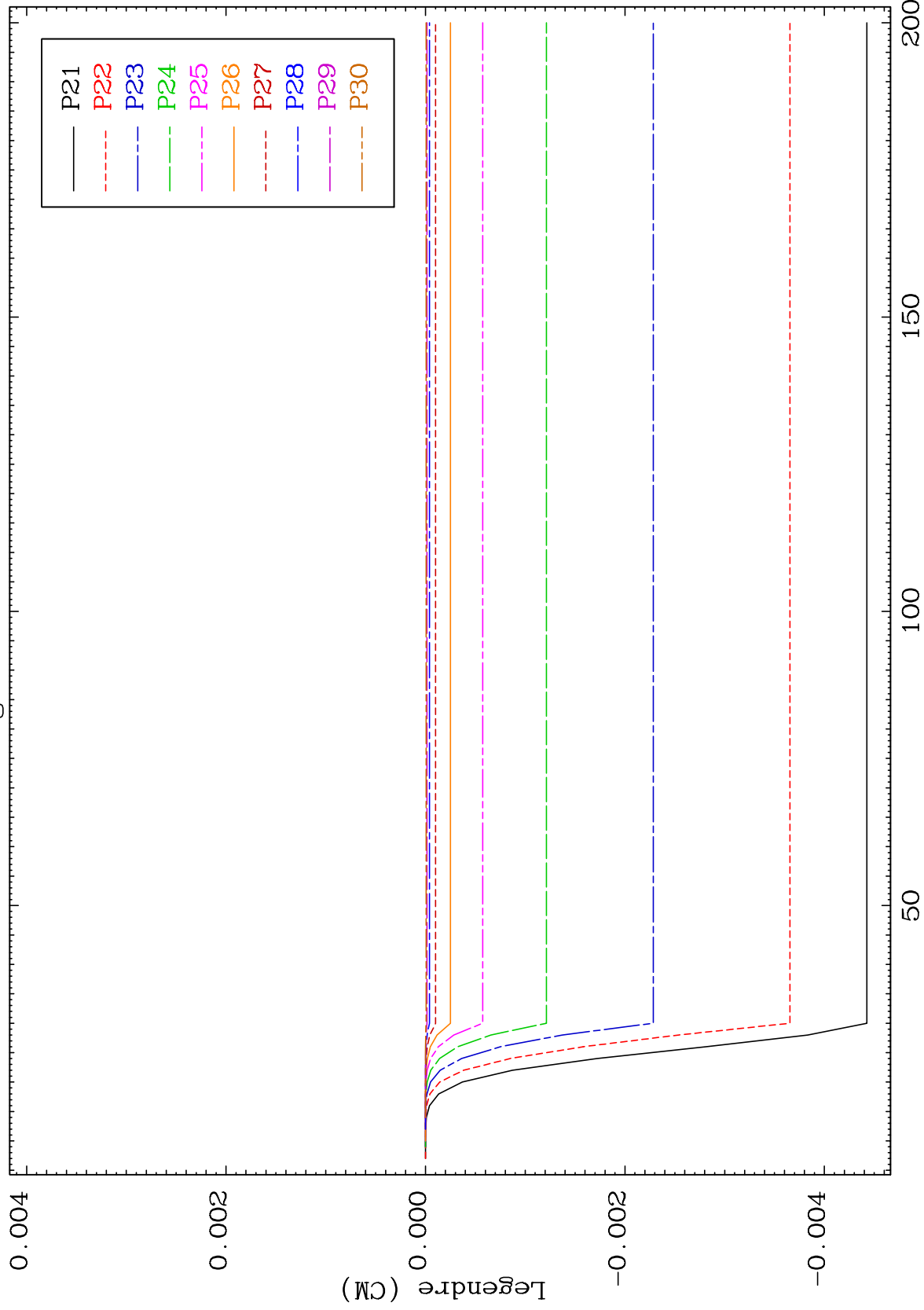
Incident Energy (MeV)

35

MAT 8098

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

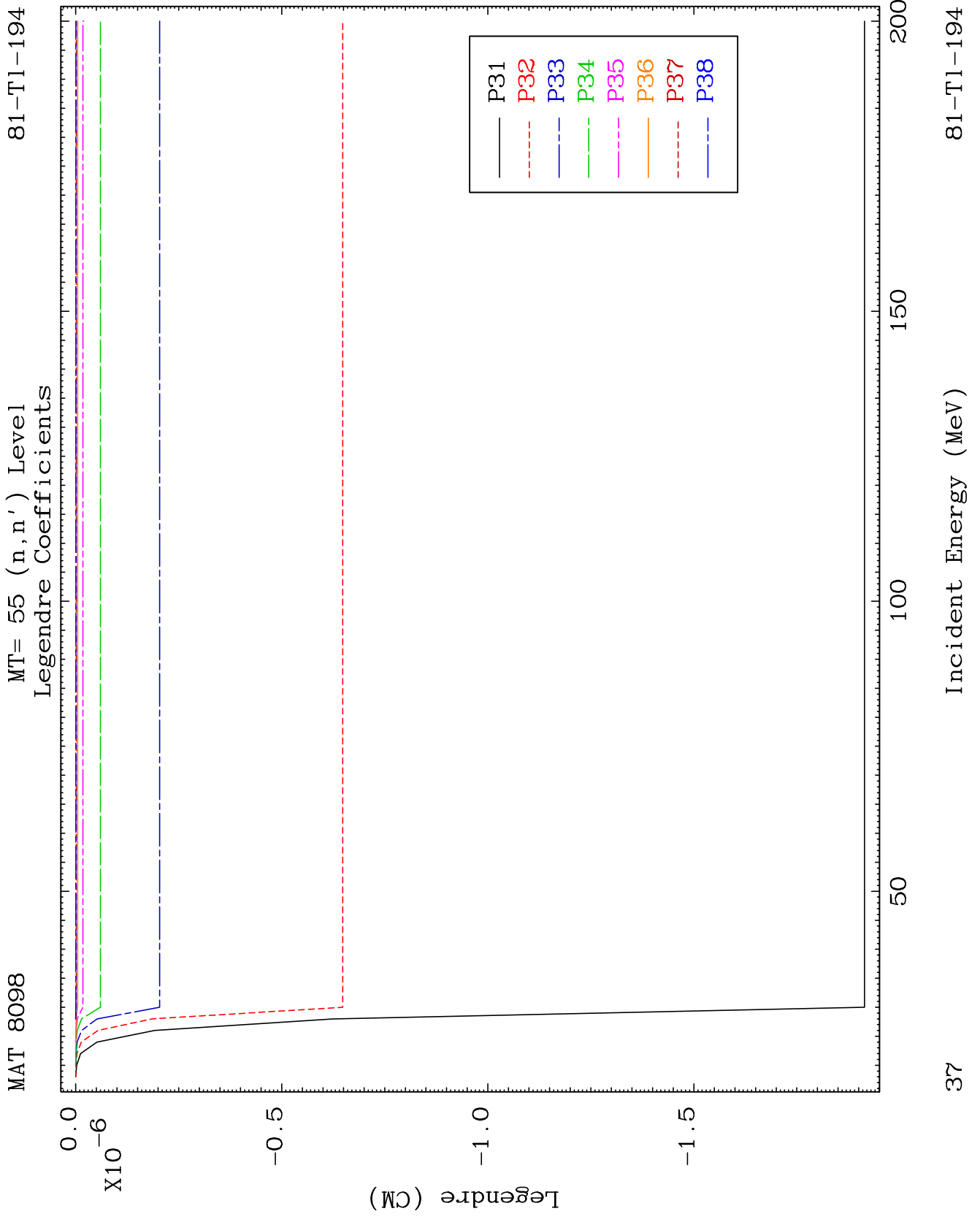
81-Tl-194



36

Incident Energy (MeV)

81-Tl-194

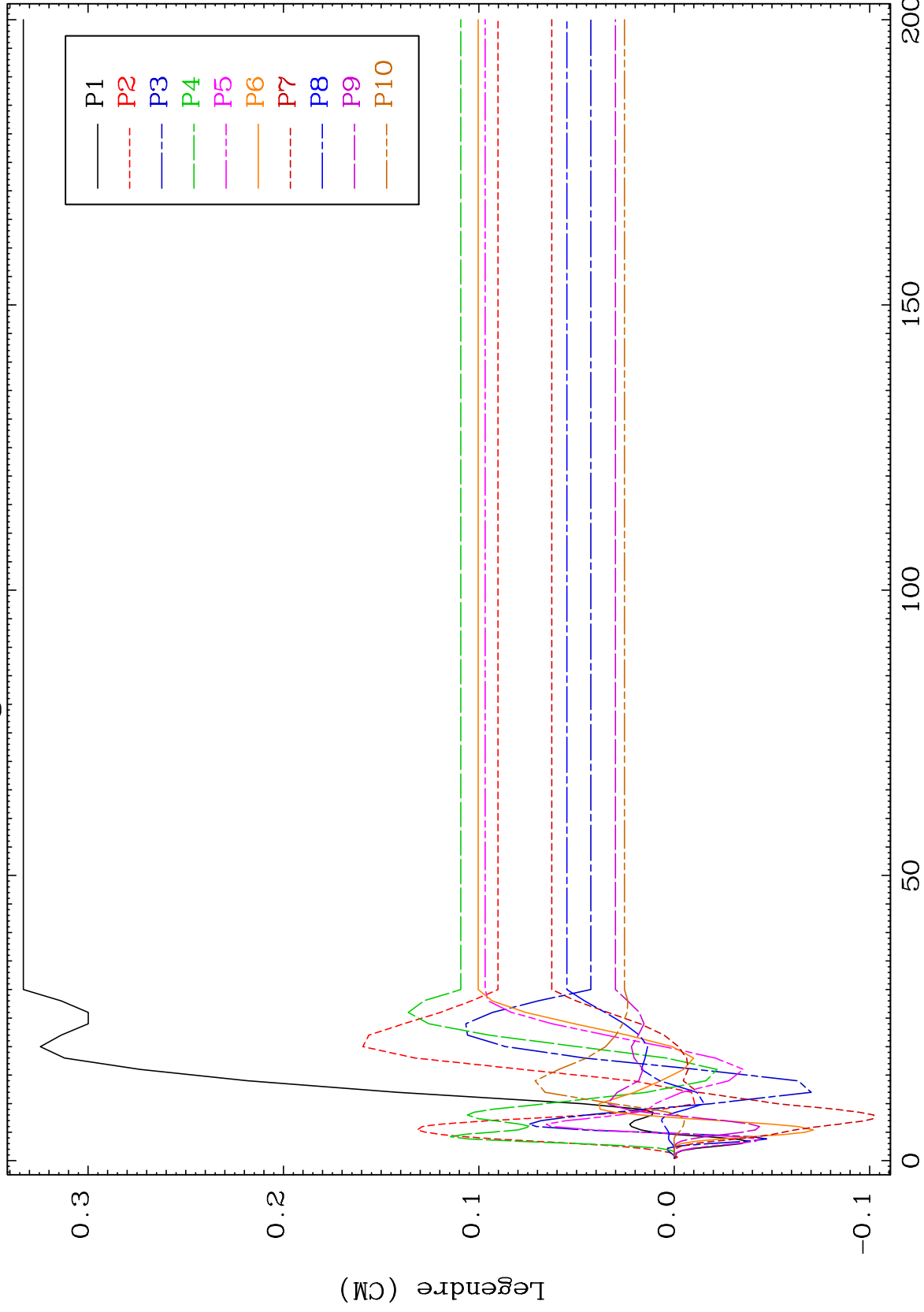


MAT 8098

MT= 56 (n,n') Level

81-Tl-194

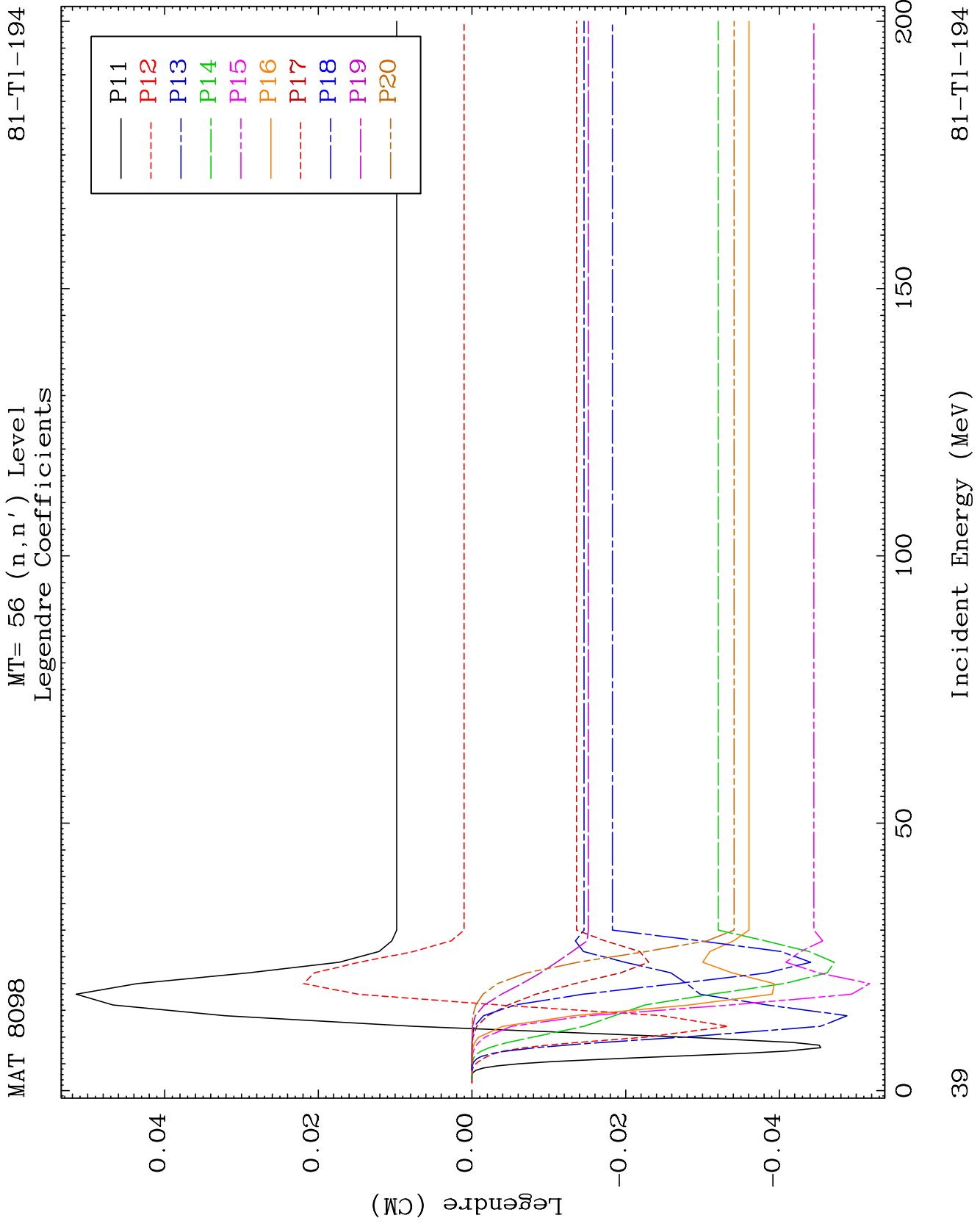
Legendre Coefficients



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Incident Energy (MeV)

81-Tl-194

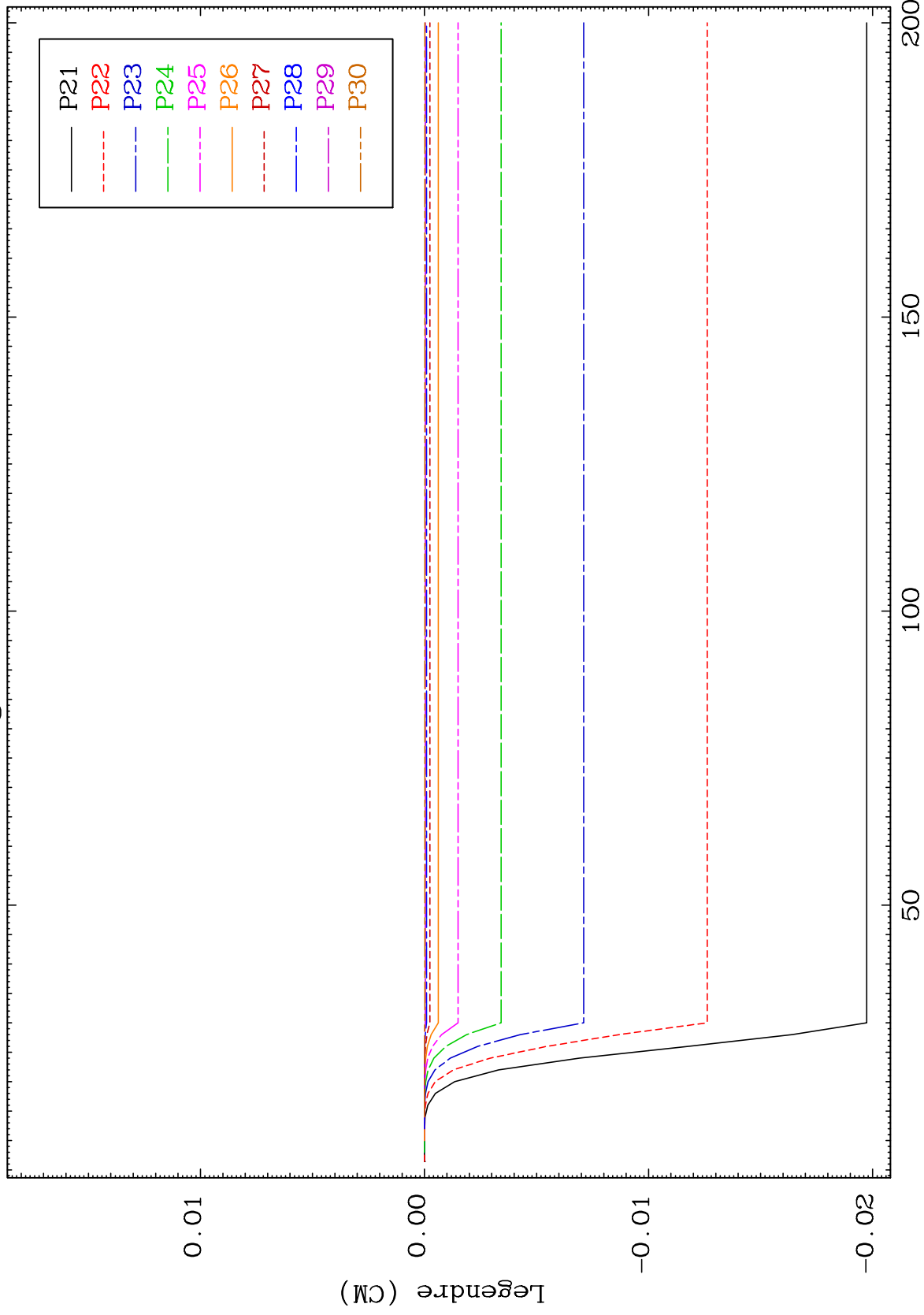




MAT 8098

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

81-Tl-194



40

Incident Energy (MeV)

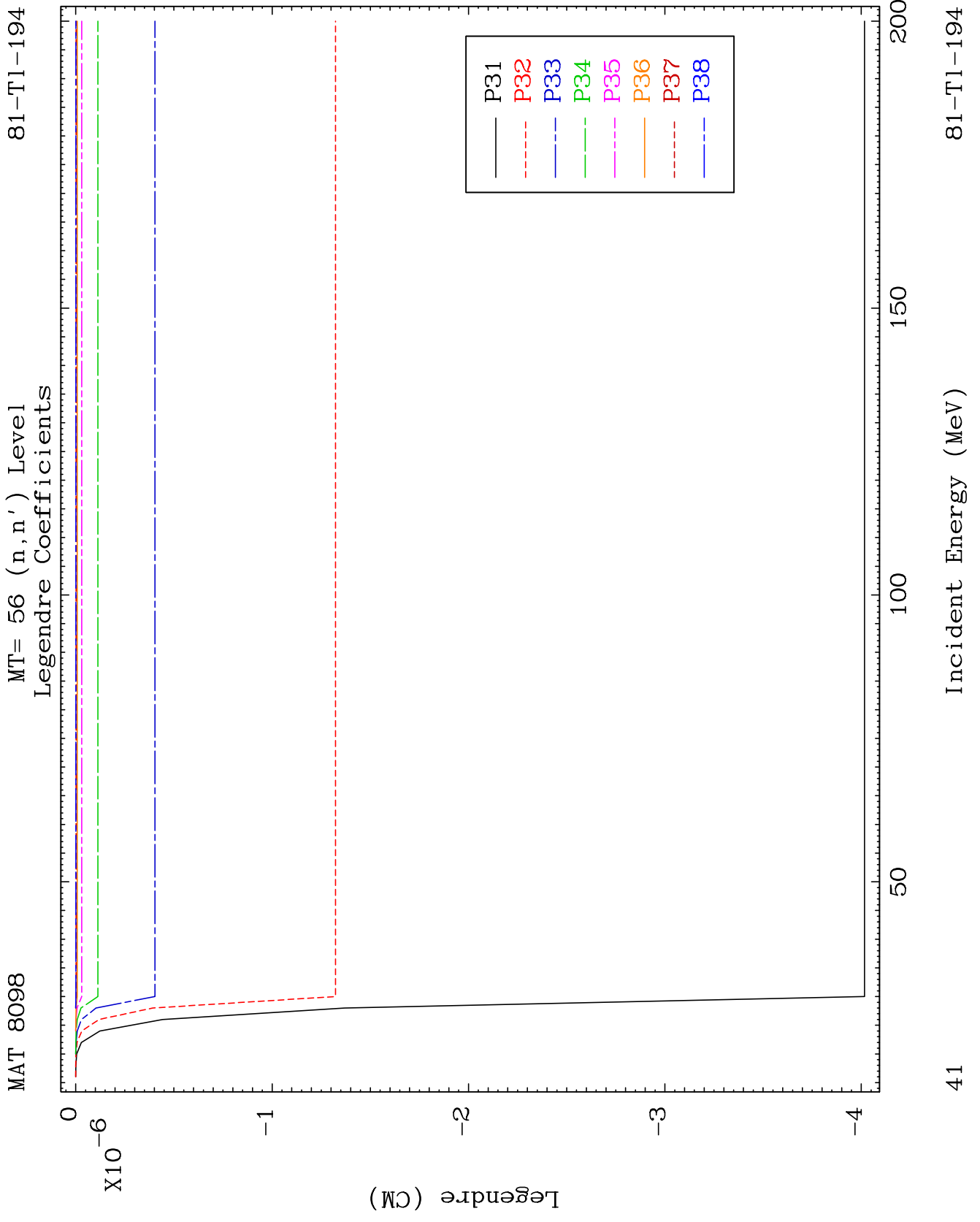
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100

150

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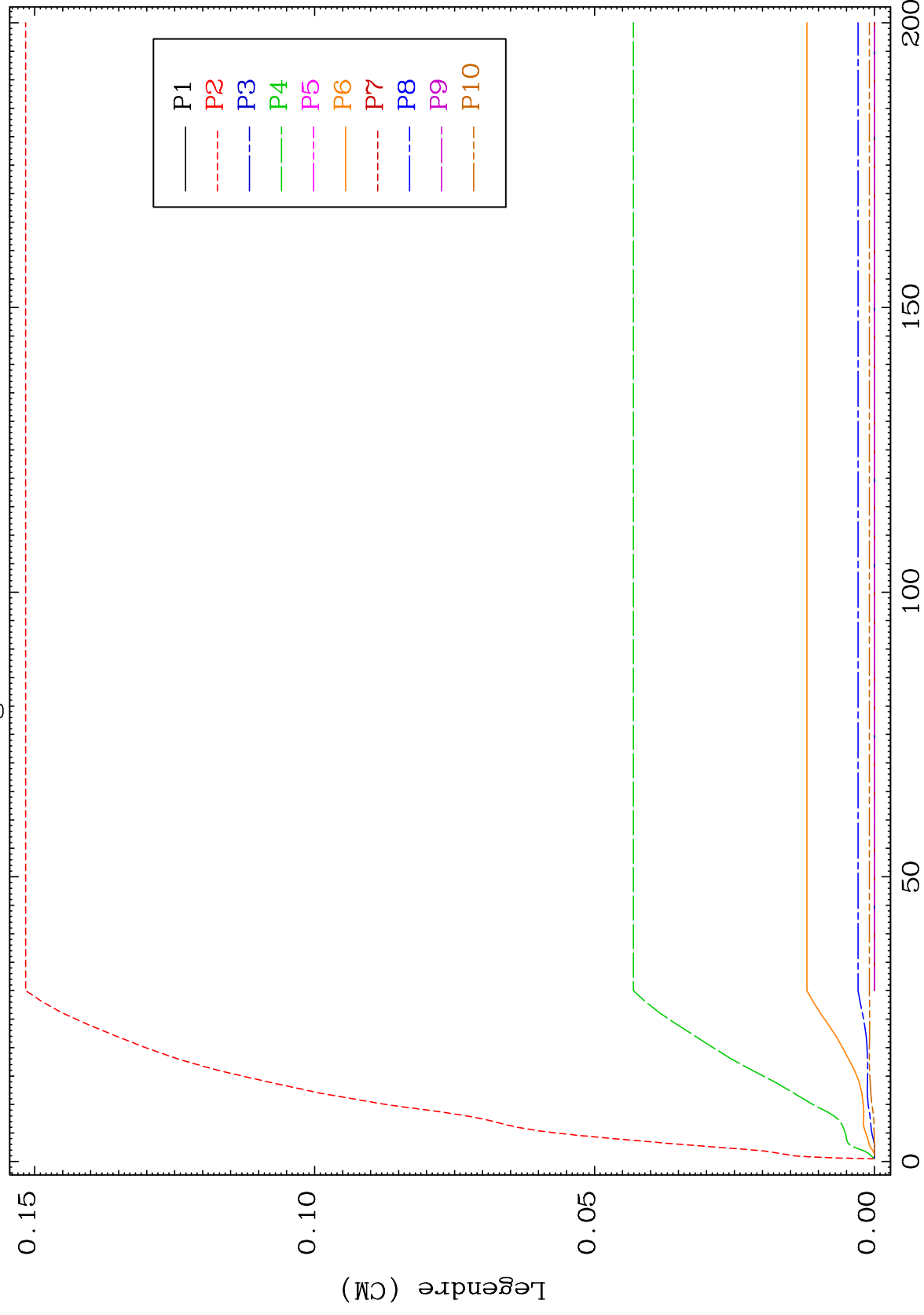
81-Tl-194



MAT 8098

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

81-Tl-194



81-Tl-194

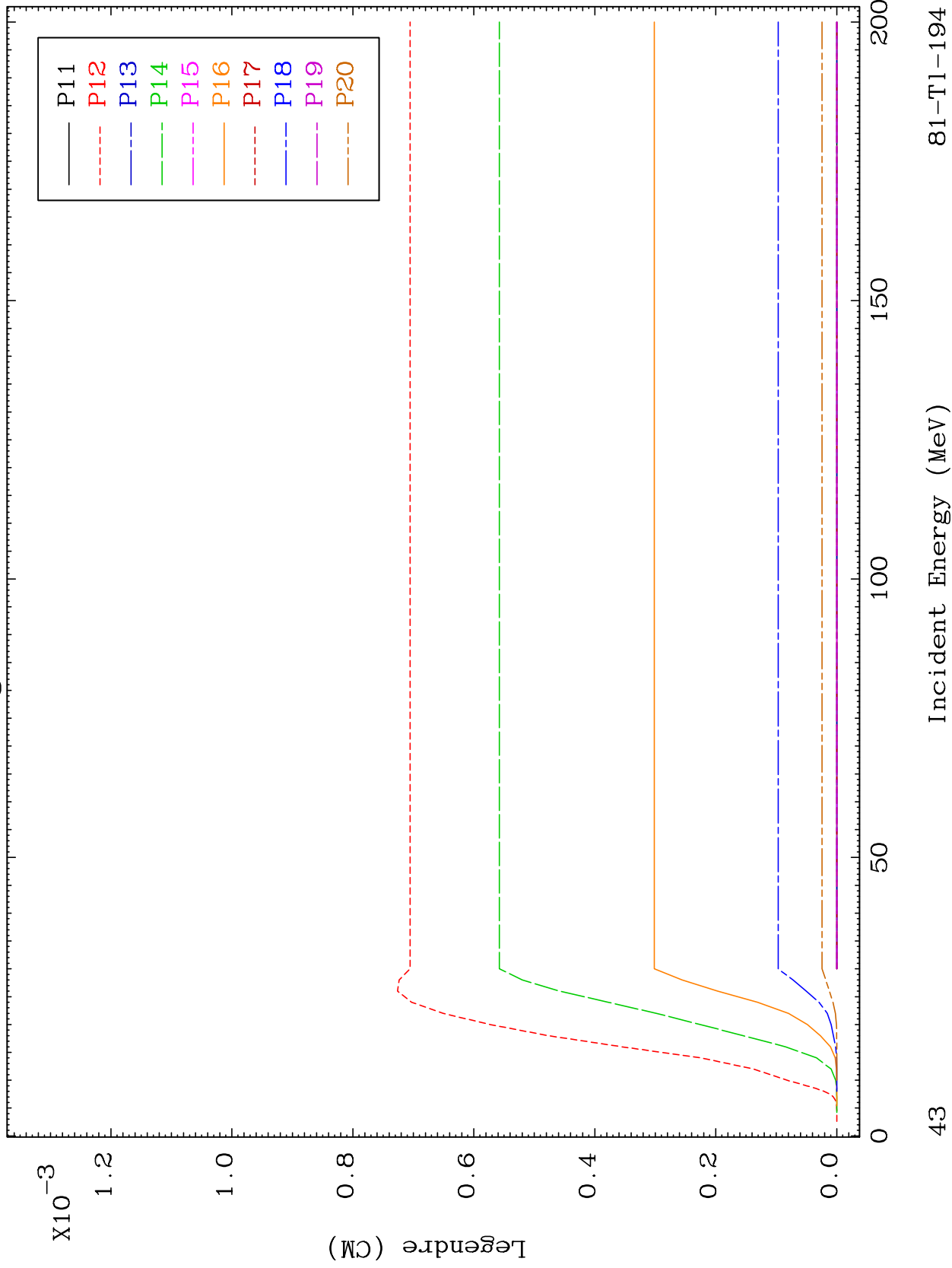
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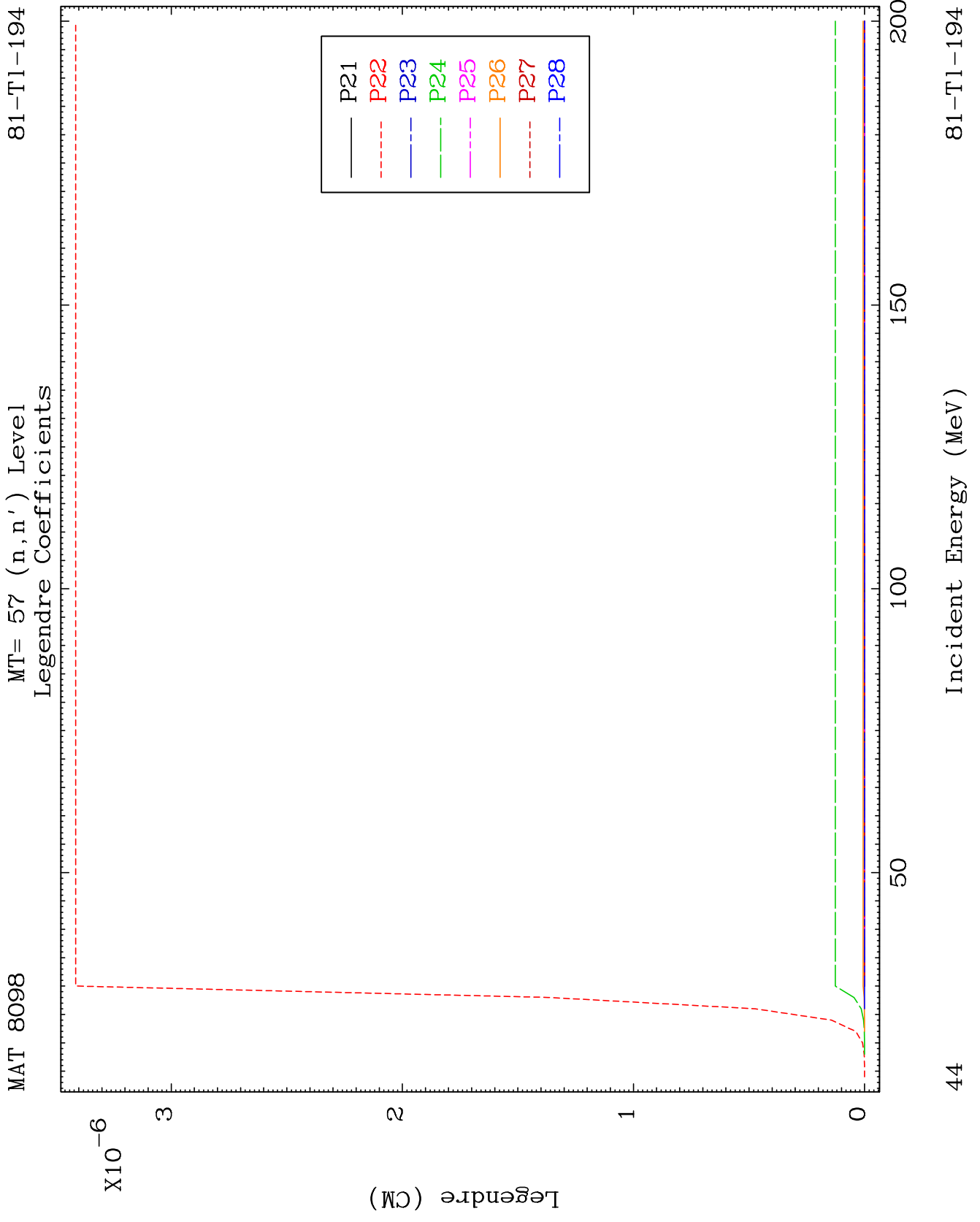
42

MAT 8098

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

81-Tl-194



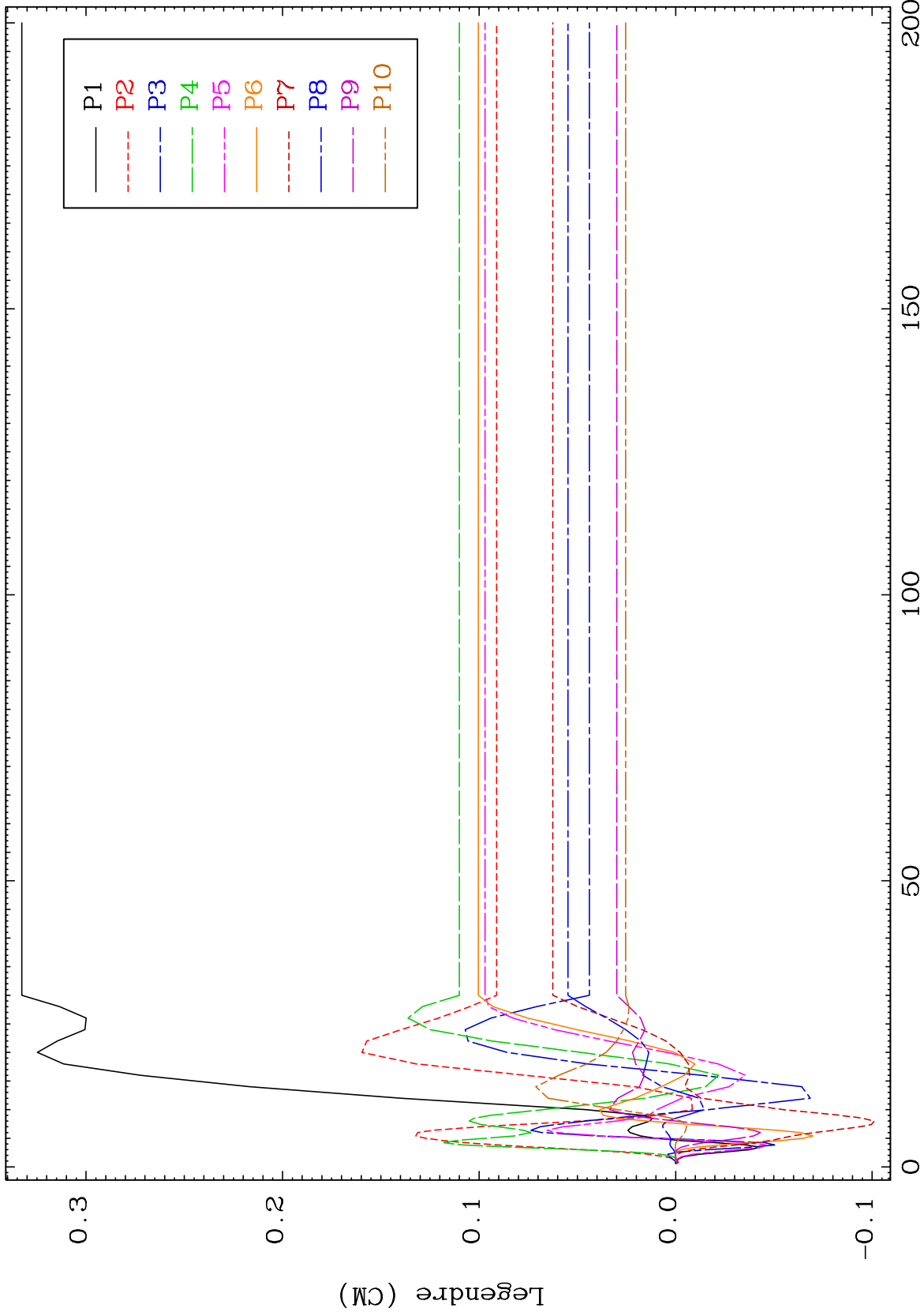


MAT 8098

MT= 58 (n,n') Level

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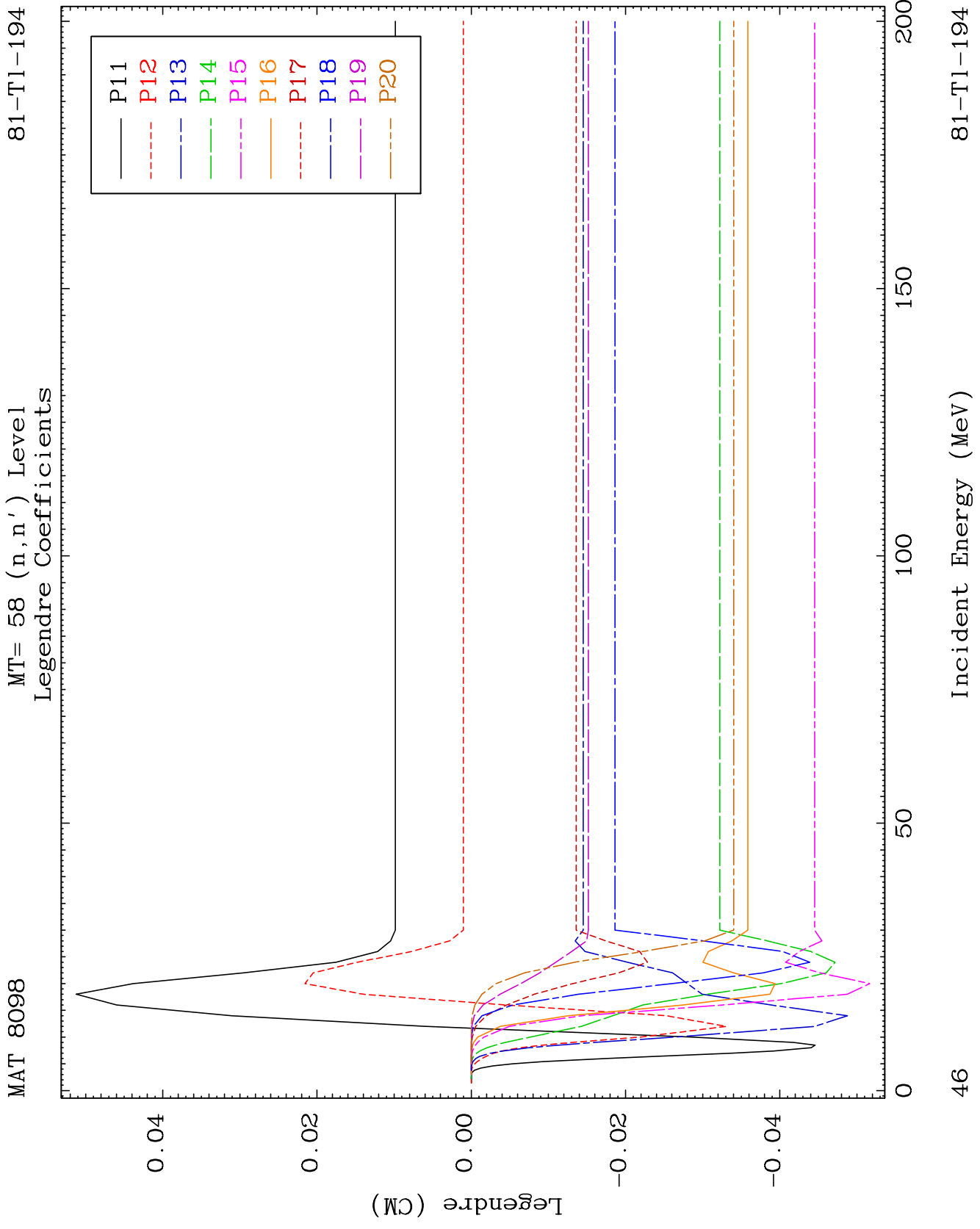
Legendre Coefficients



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Incident Energy (MeV)

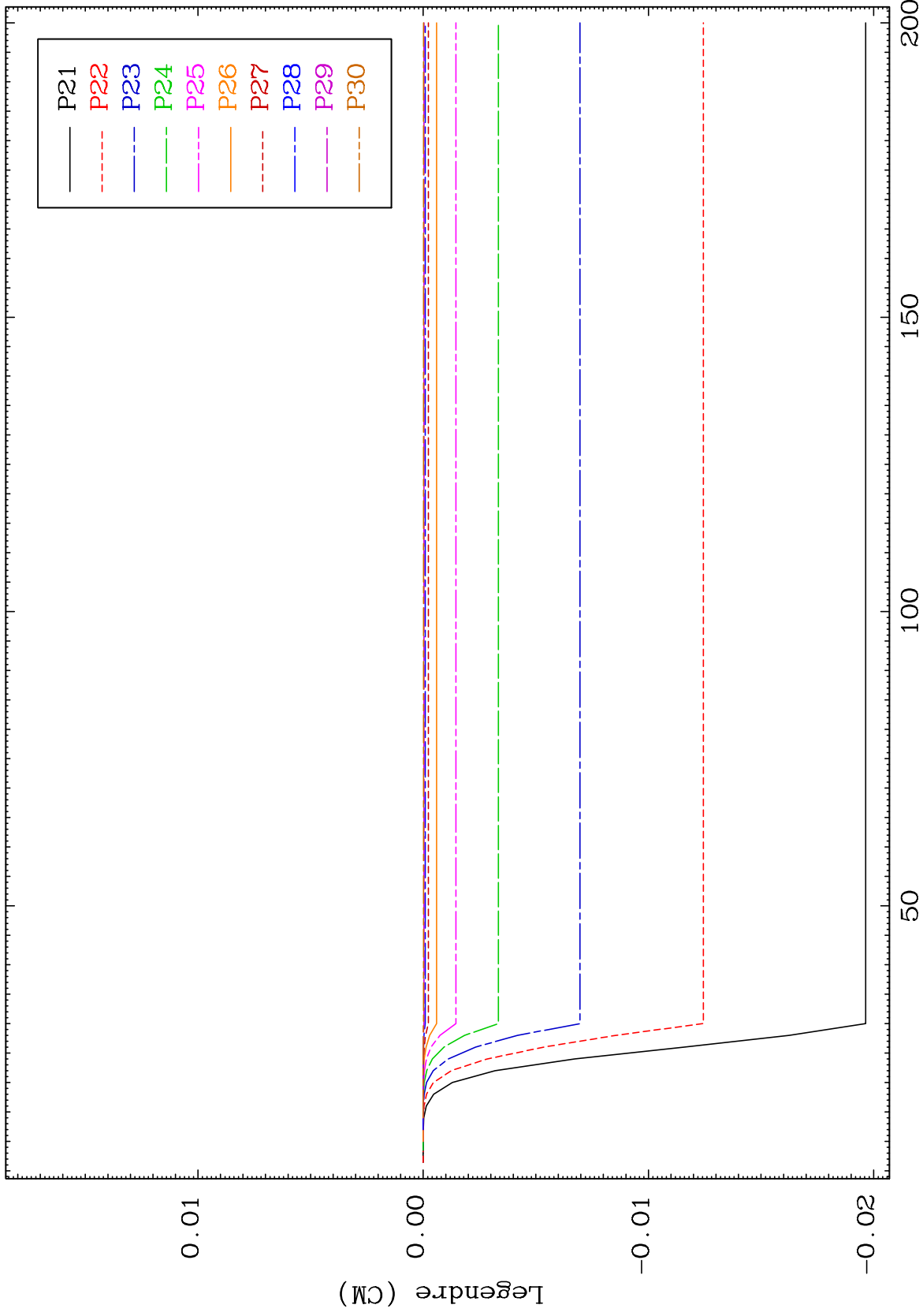
81-Tl-194



MAT 8098

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

81-Tl-194

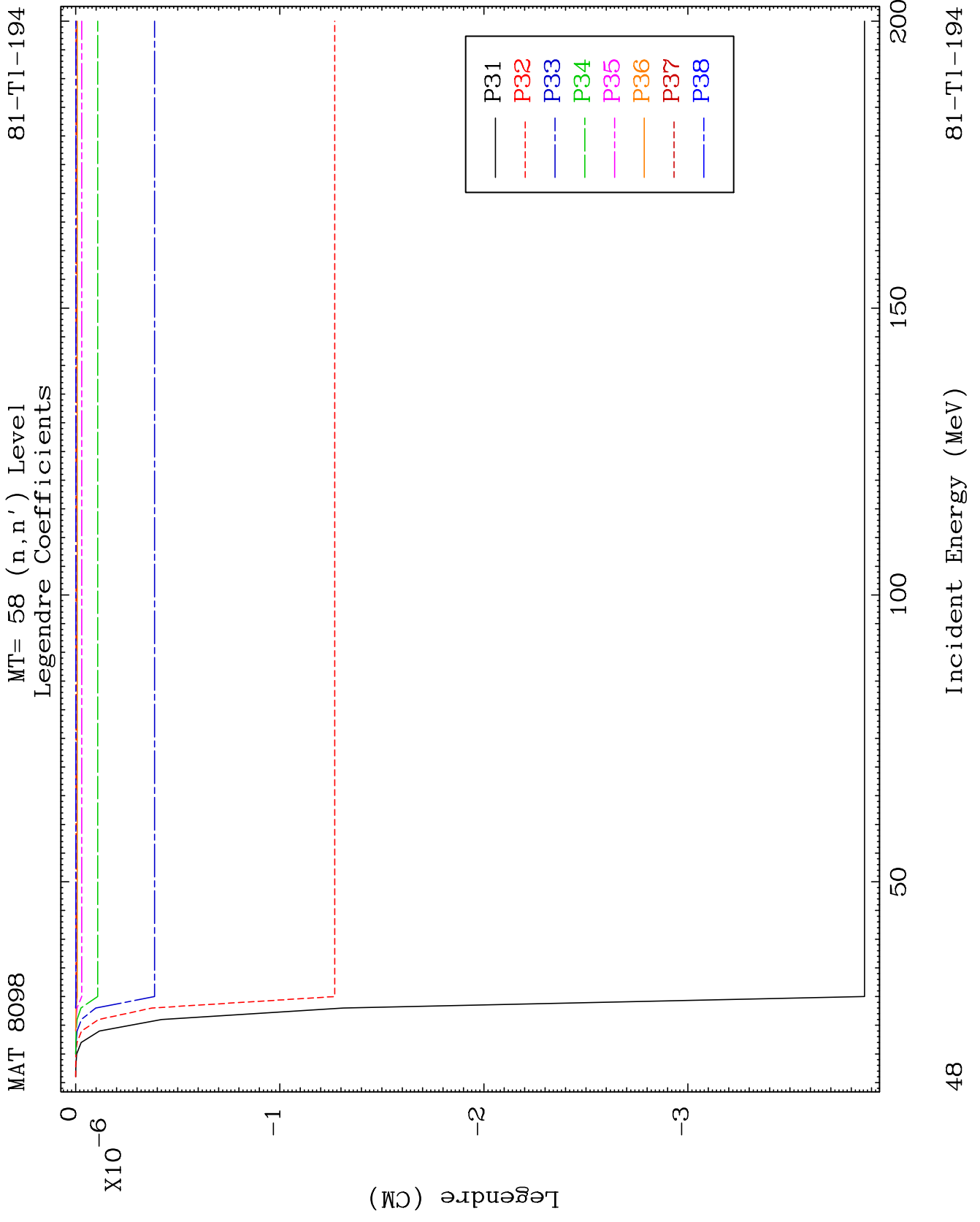


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Incident Energy (MeV)

81-Tl-194

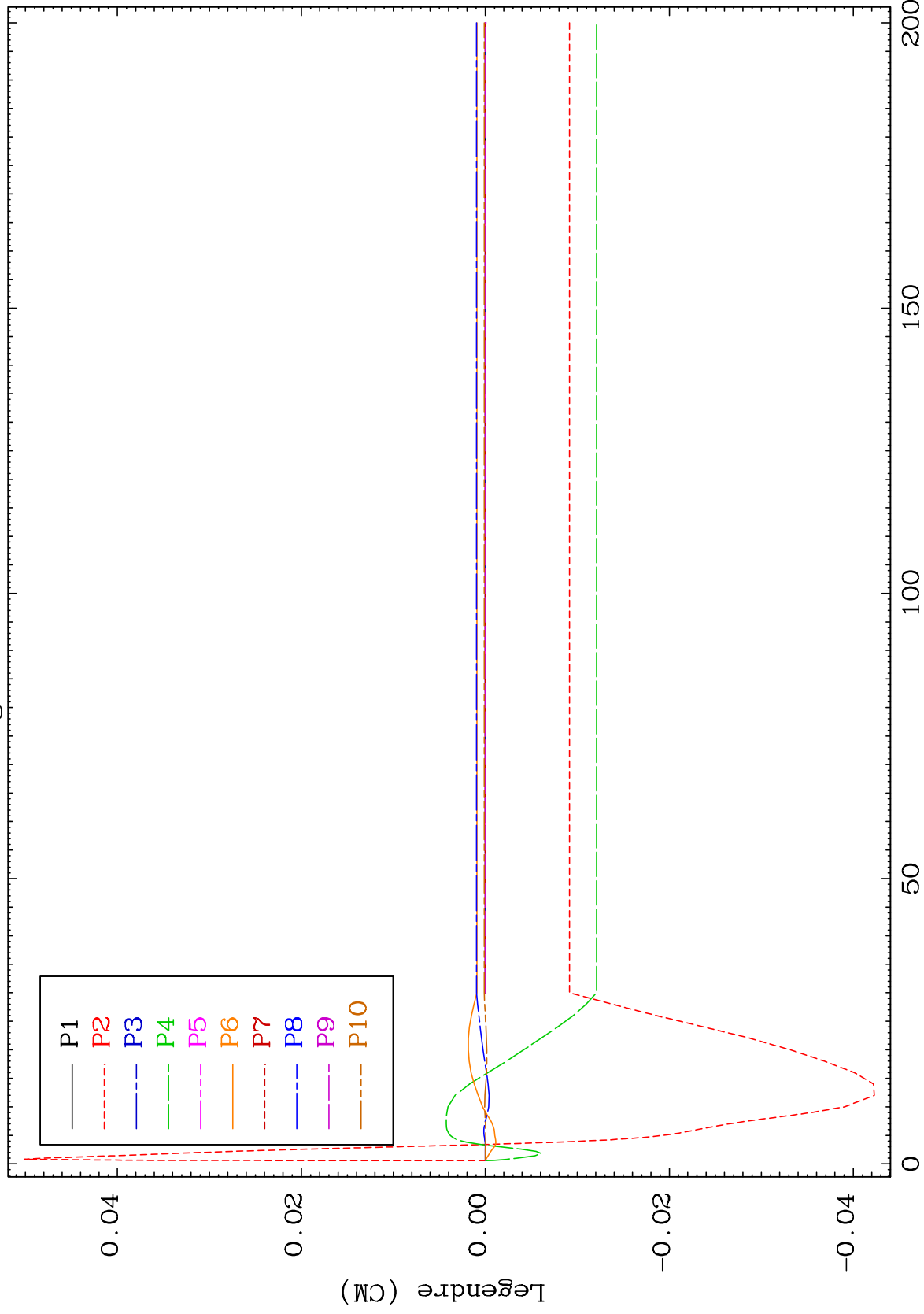




MAT 8098

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

81-T1-194



49

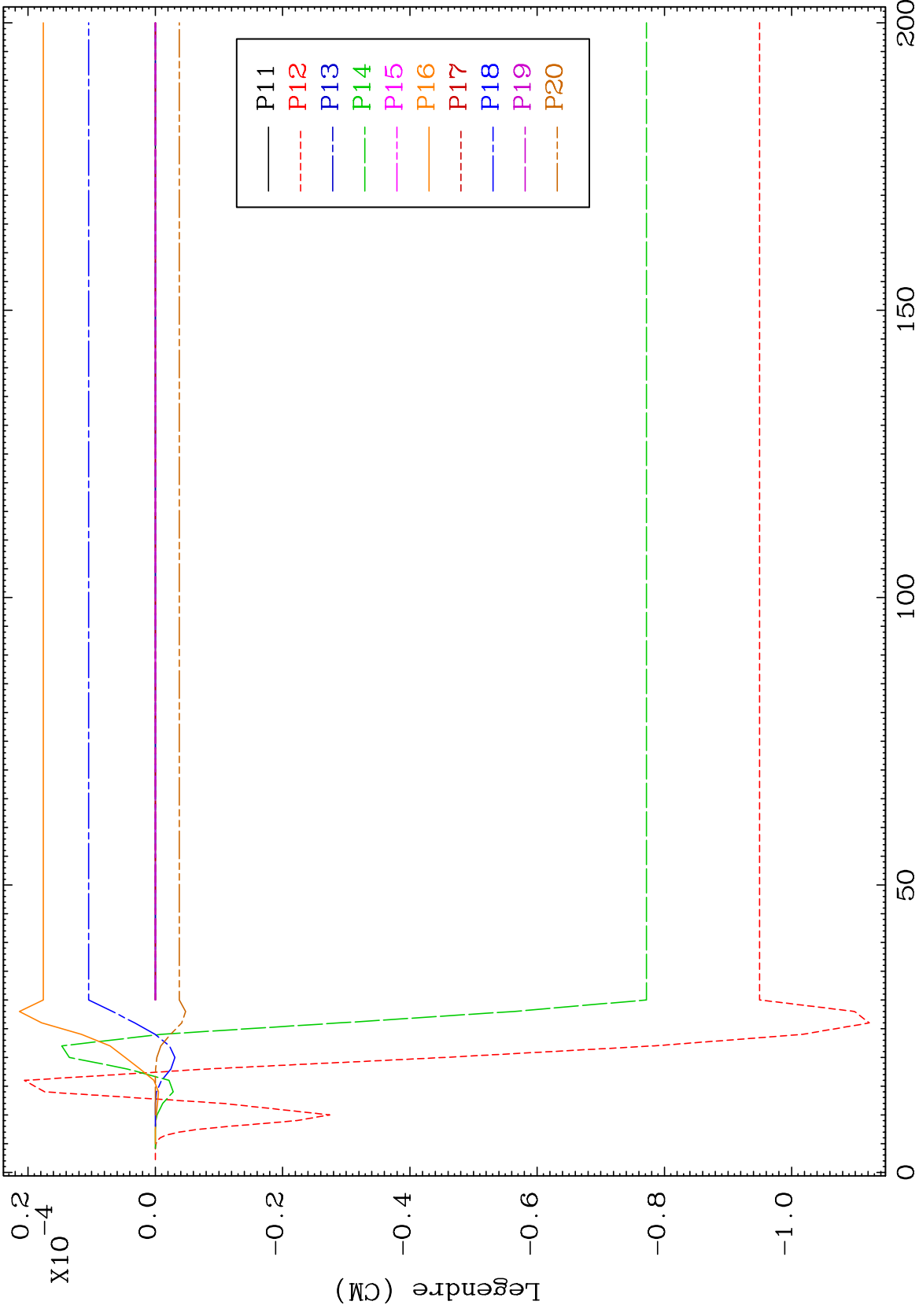
Incident Energy (MeV)

81-T1-194

MAT 8098

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

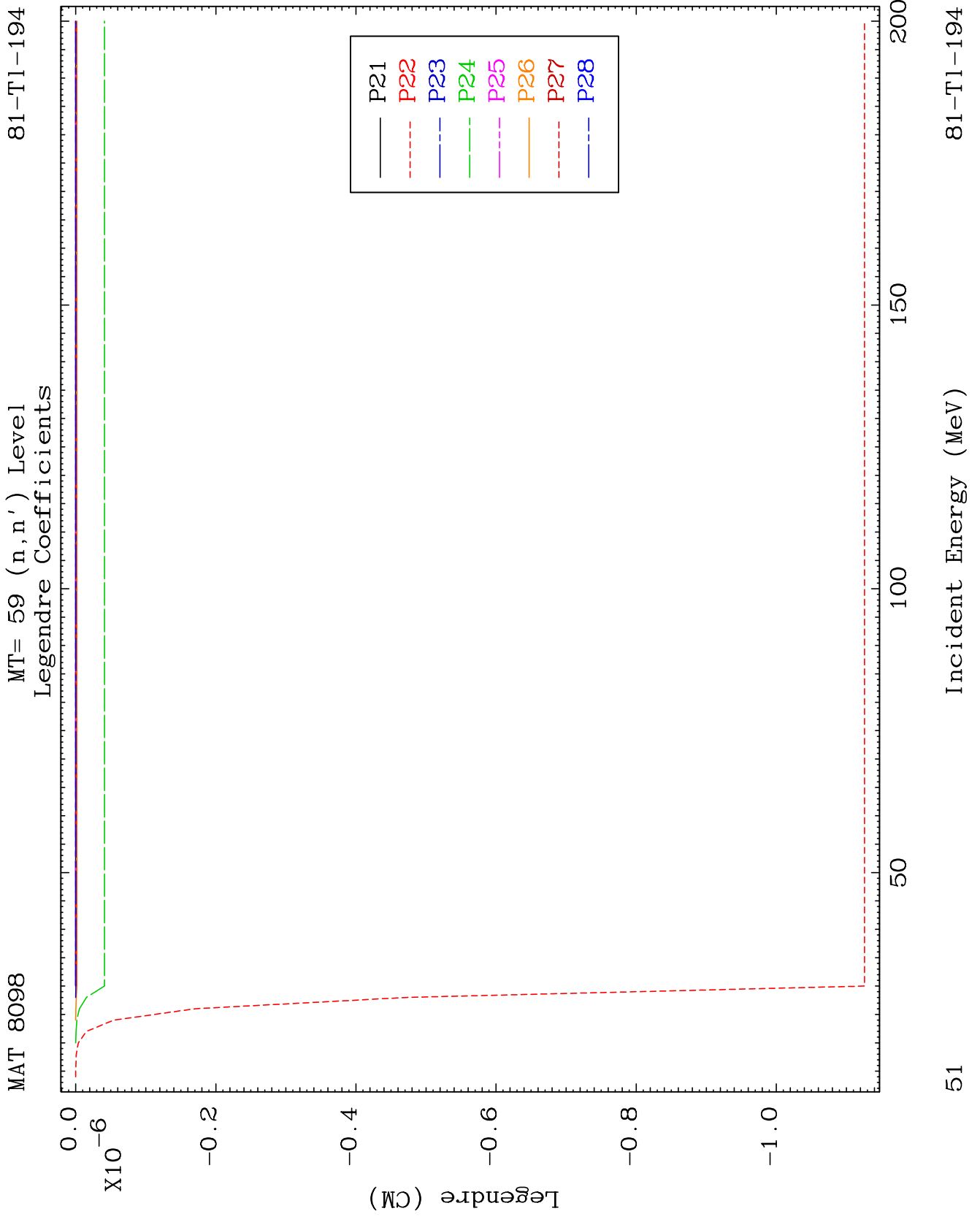
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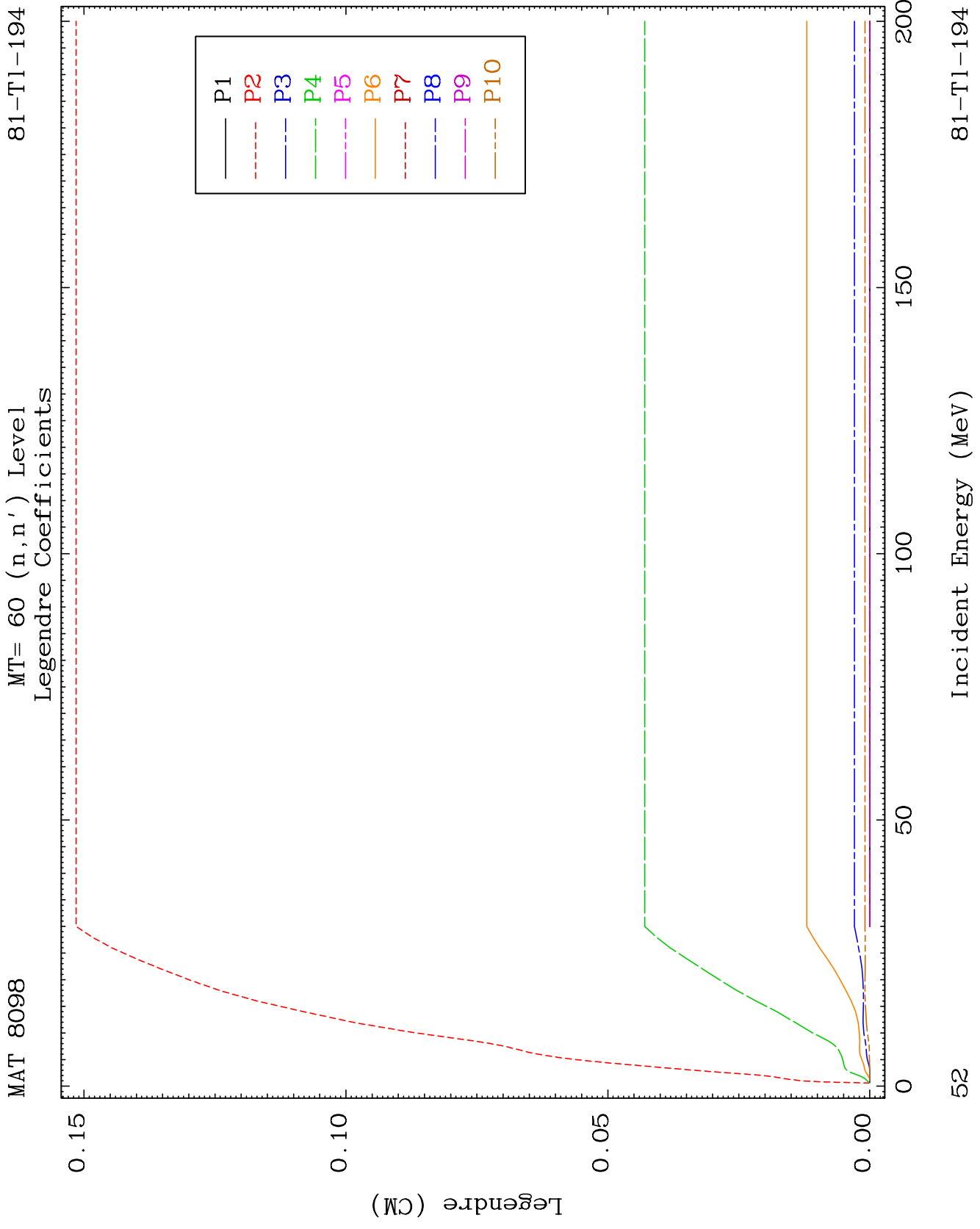


81-Tl-194

Incident Energy (MeV)

50

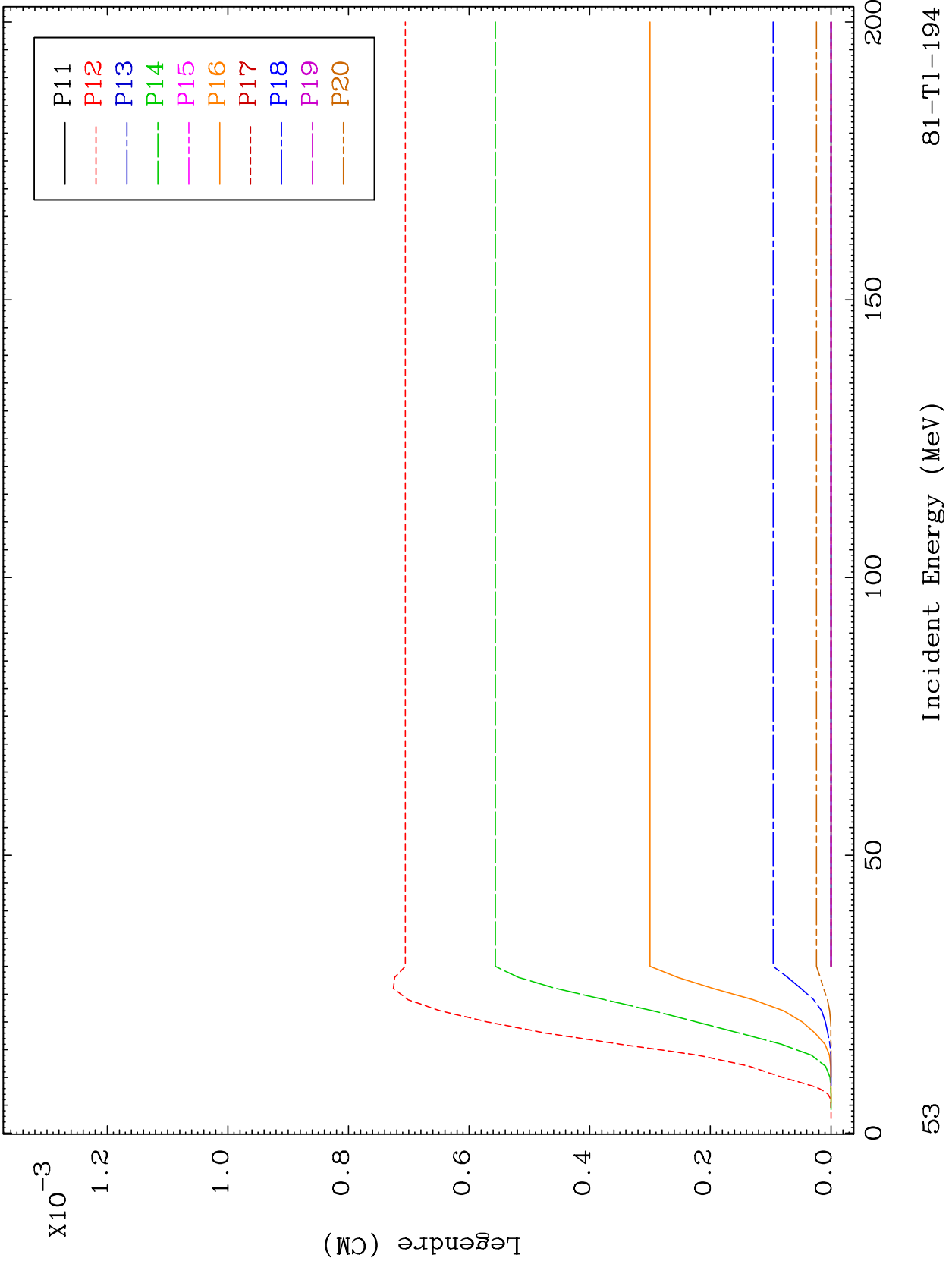


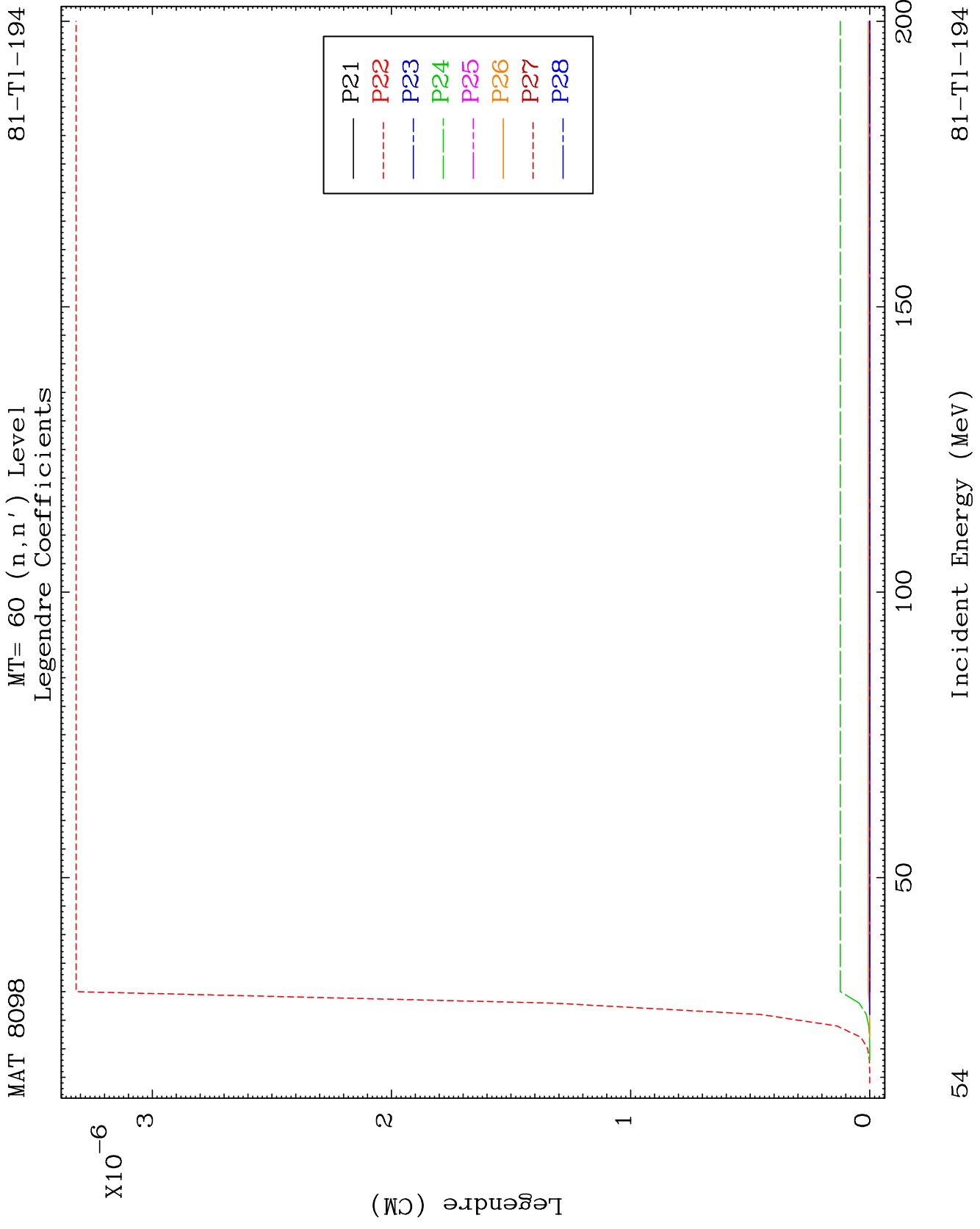


MAT 8098

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

81-Tl-194

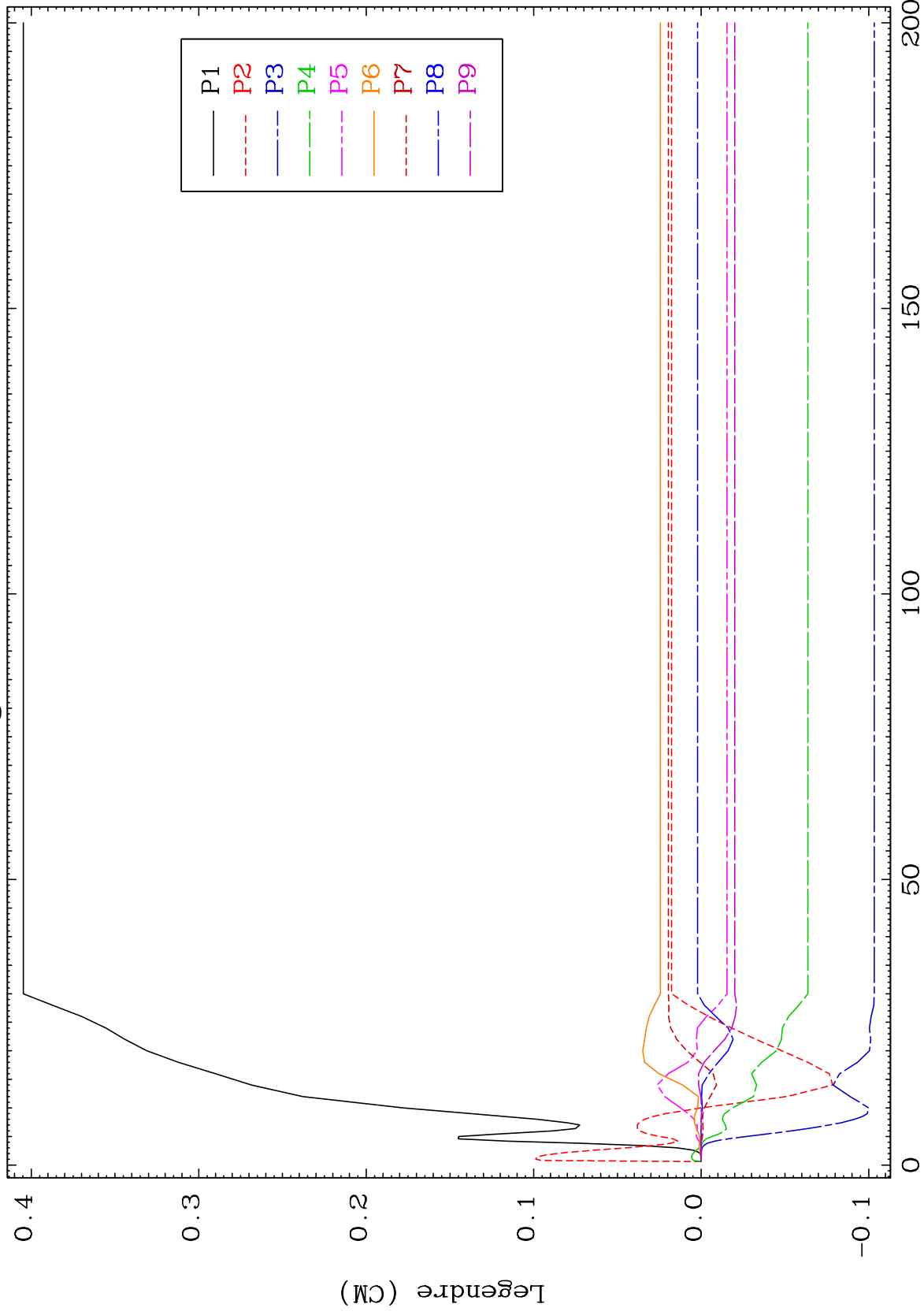




MAT 8098

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

81-Tl-194



81-Tl-194

Incident Energy (MeV)

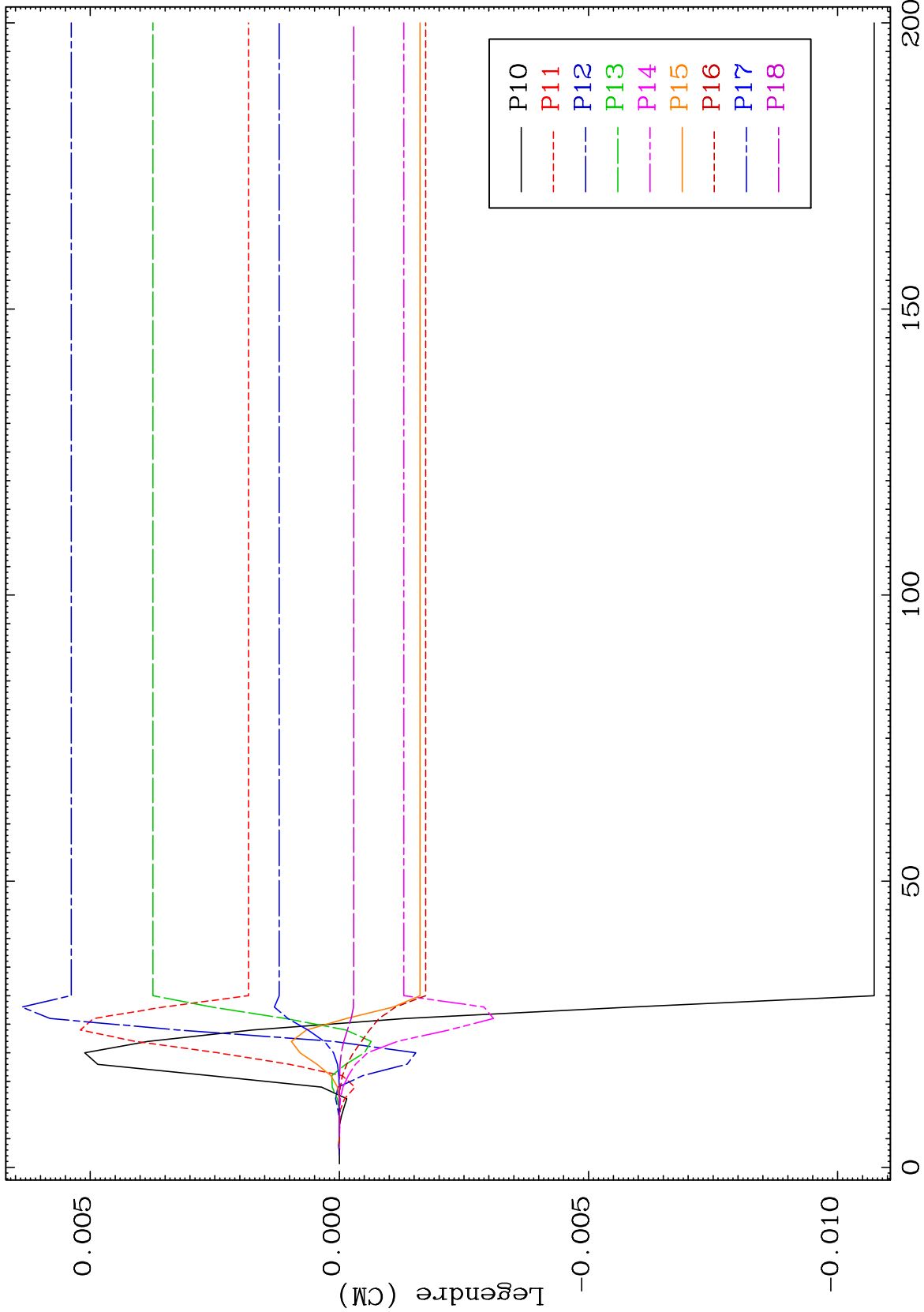
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MAT 8098

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

81-Tl-194



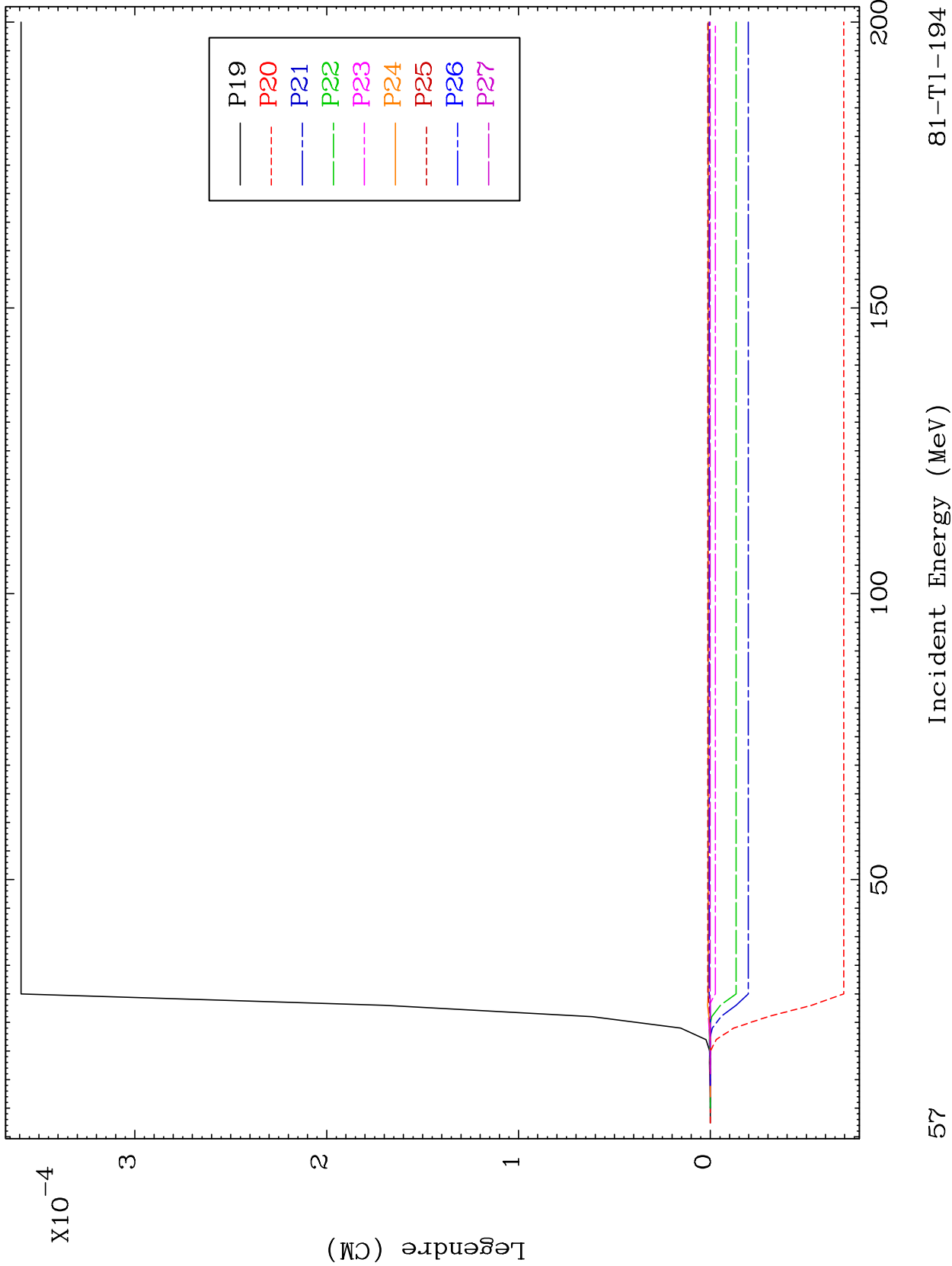
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81-Tl-194

MAT 8098

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

81-Tl-194



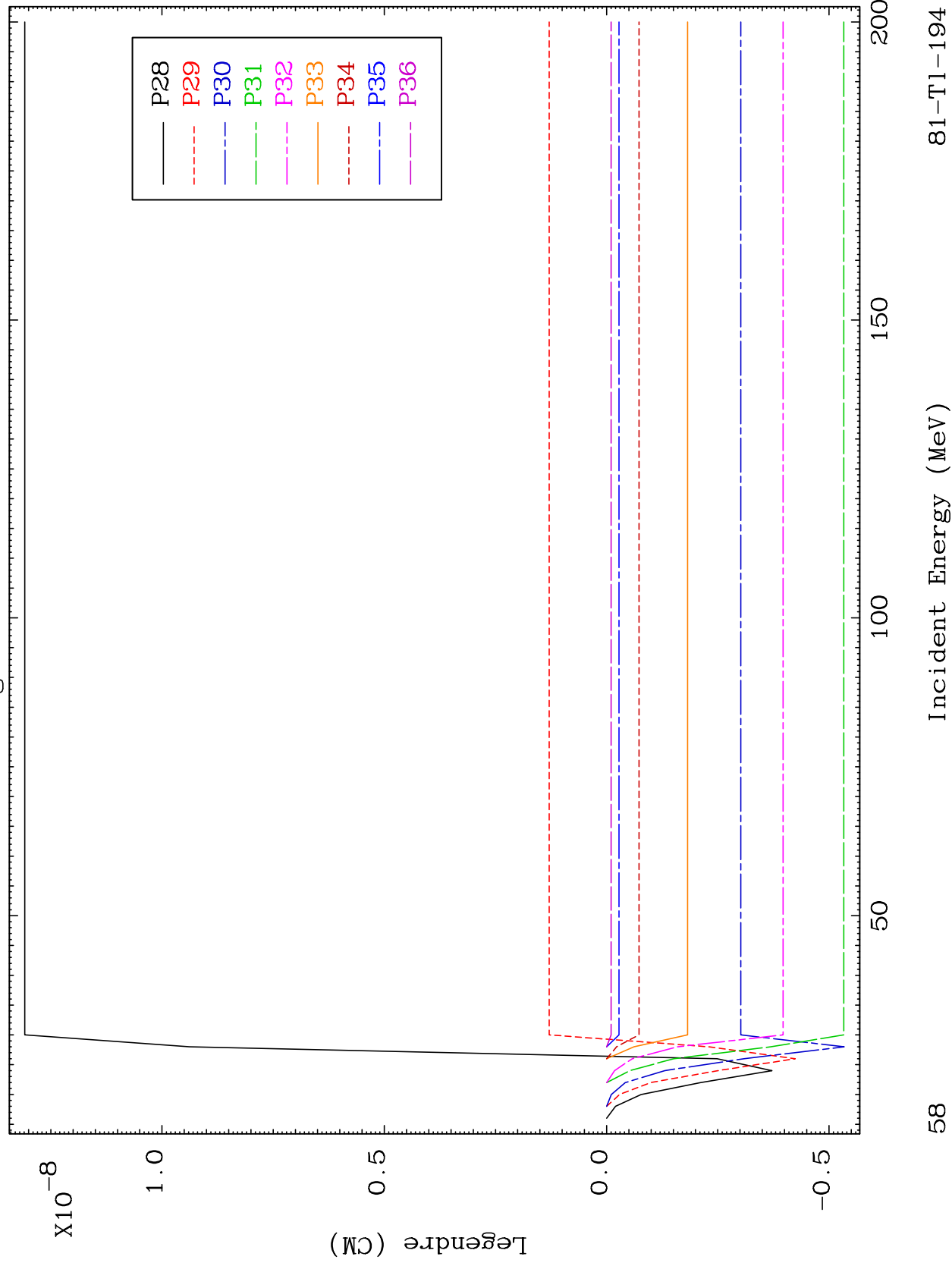
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81-Tl-194

MAT 8098

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

81-Tl-194



58

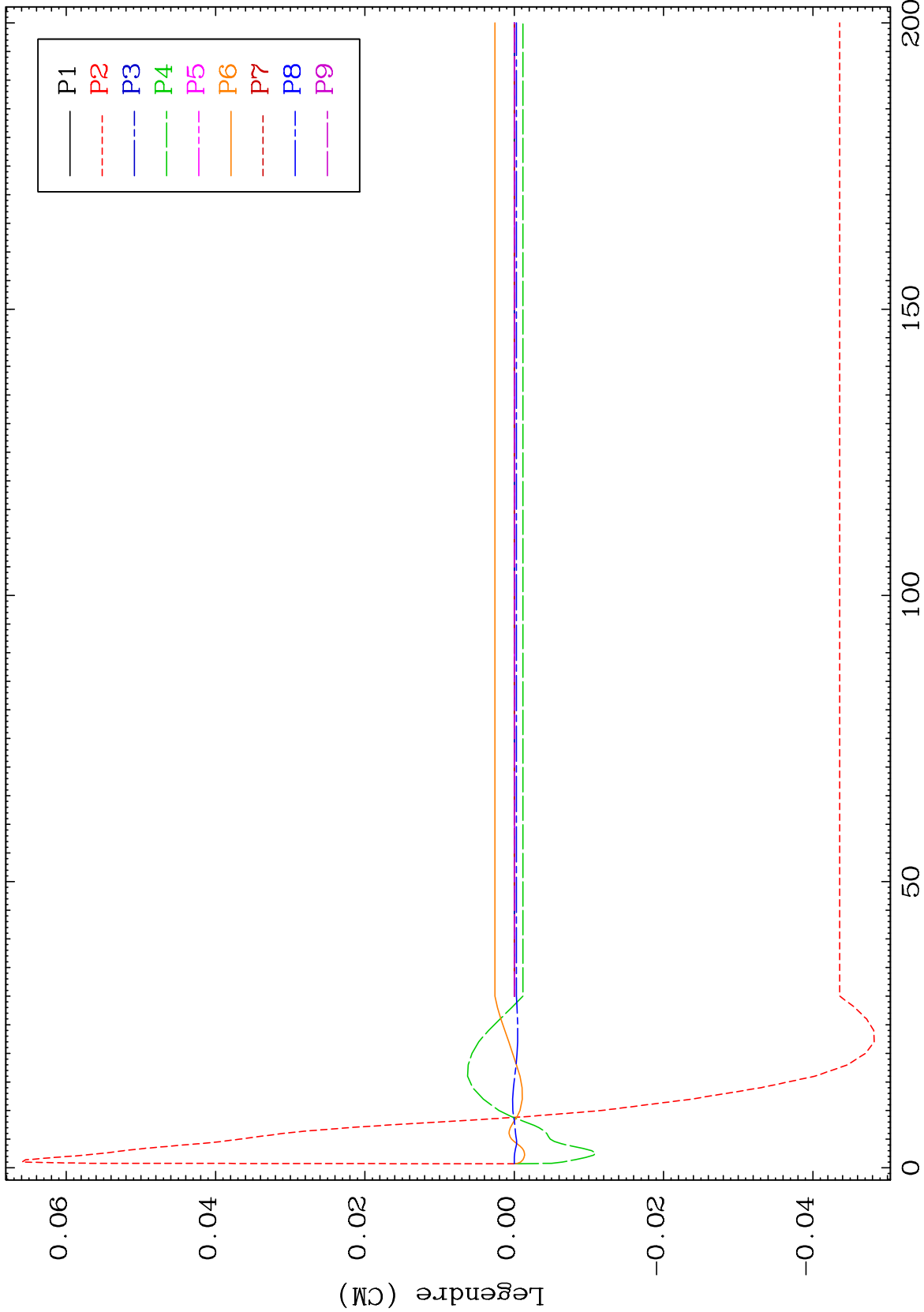
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



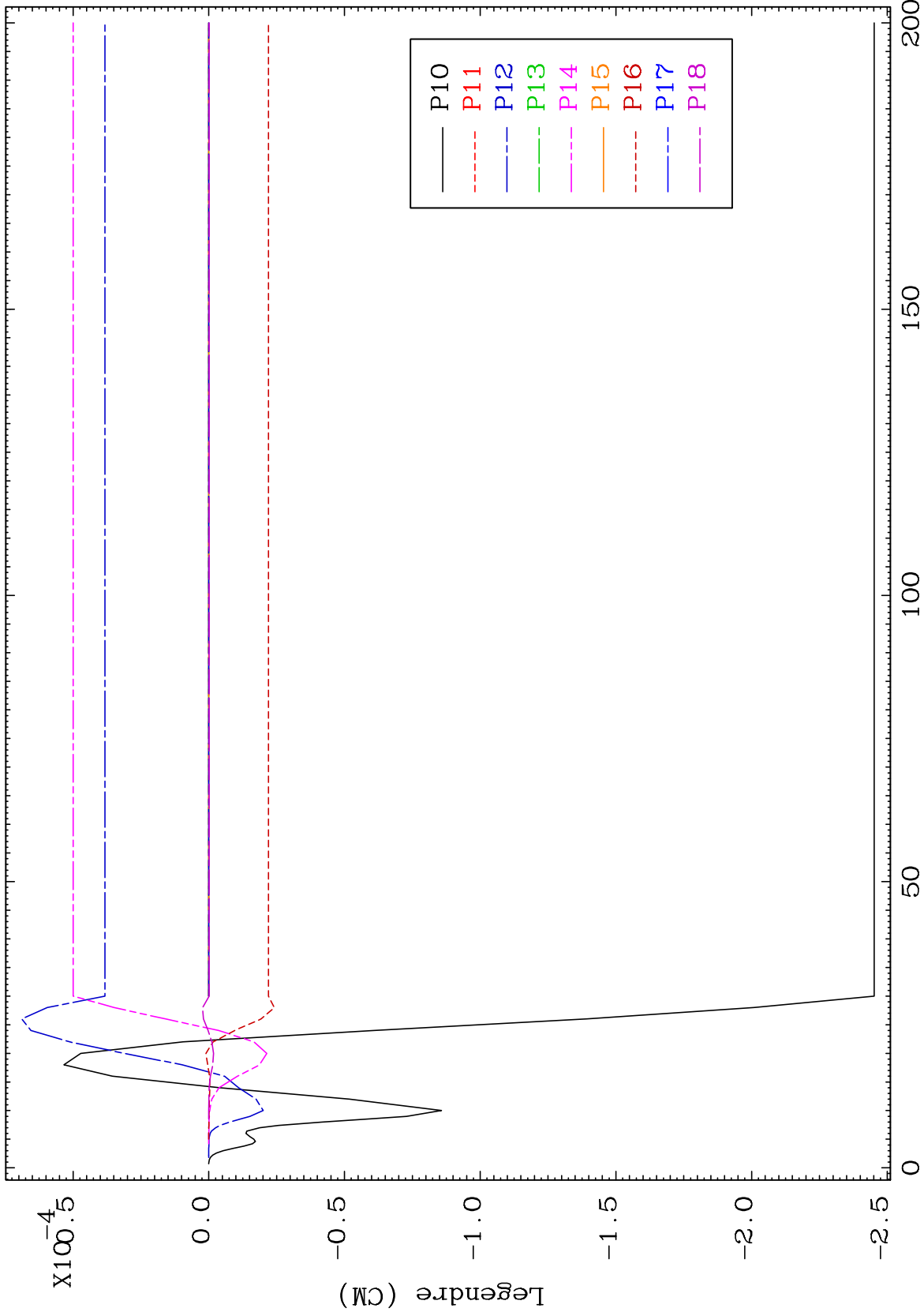
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81-Tl-194

MAT 8098

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

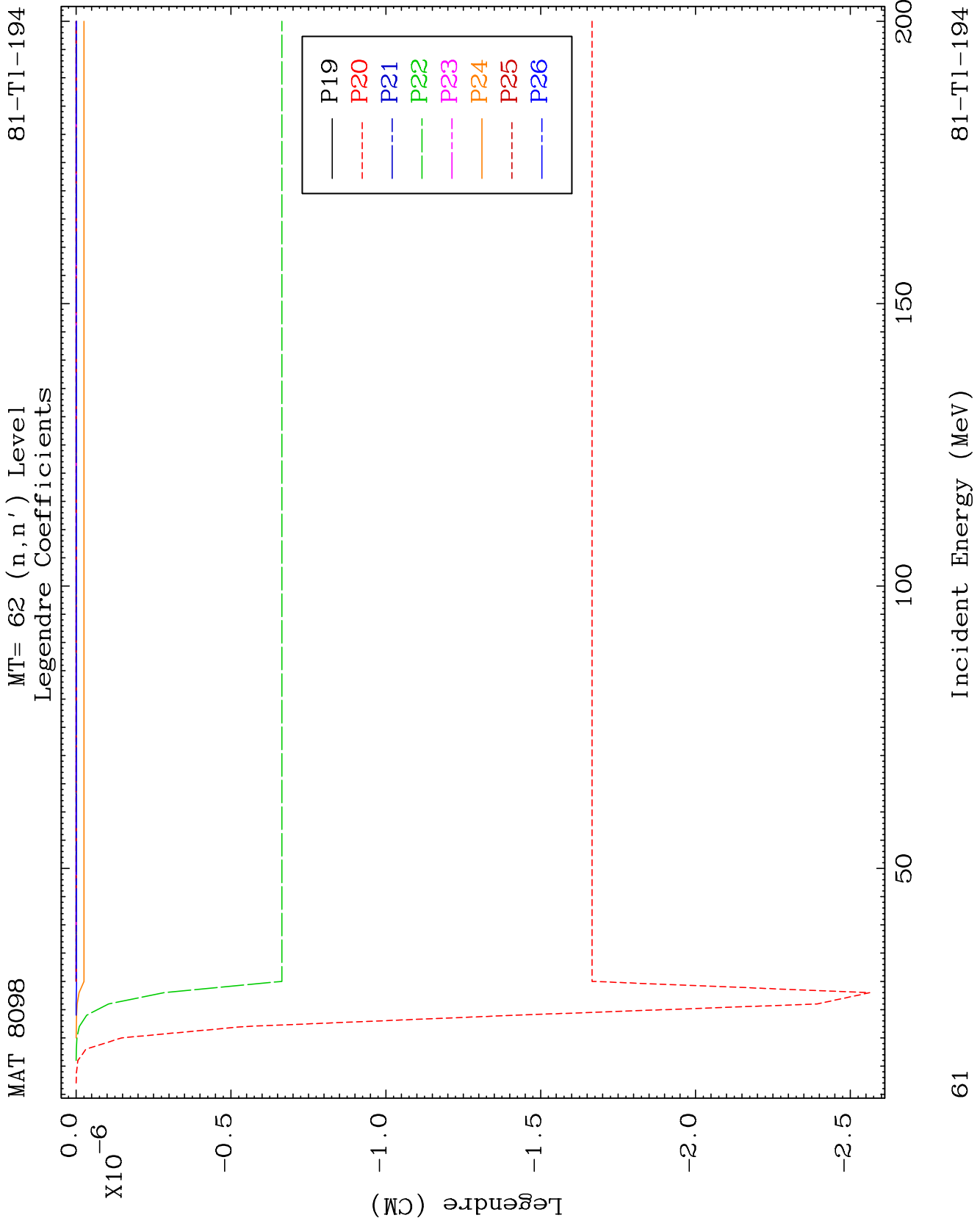
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60

Incident Energy (MeV)

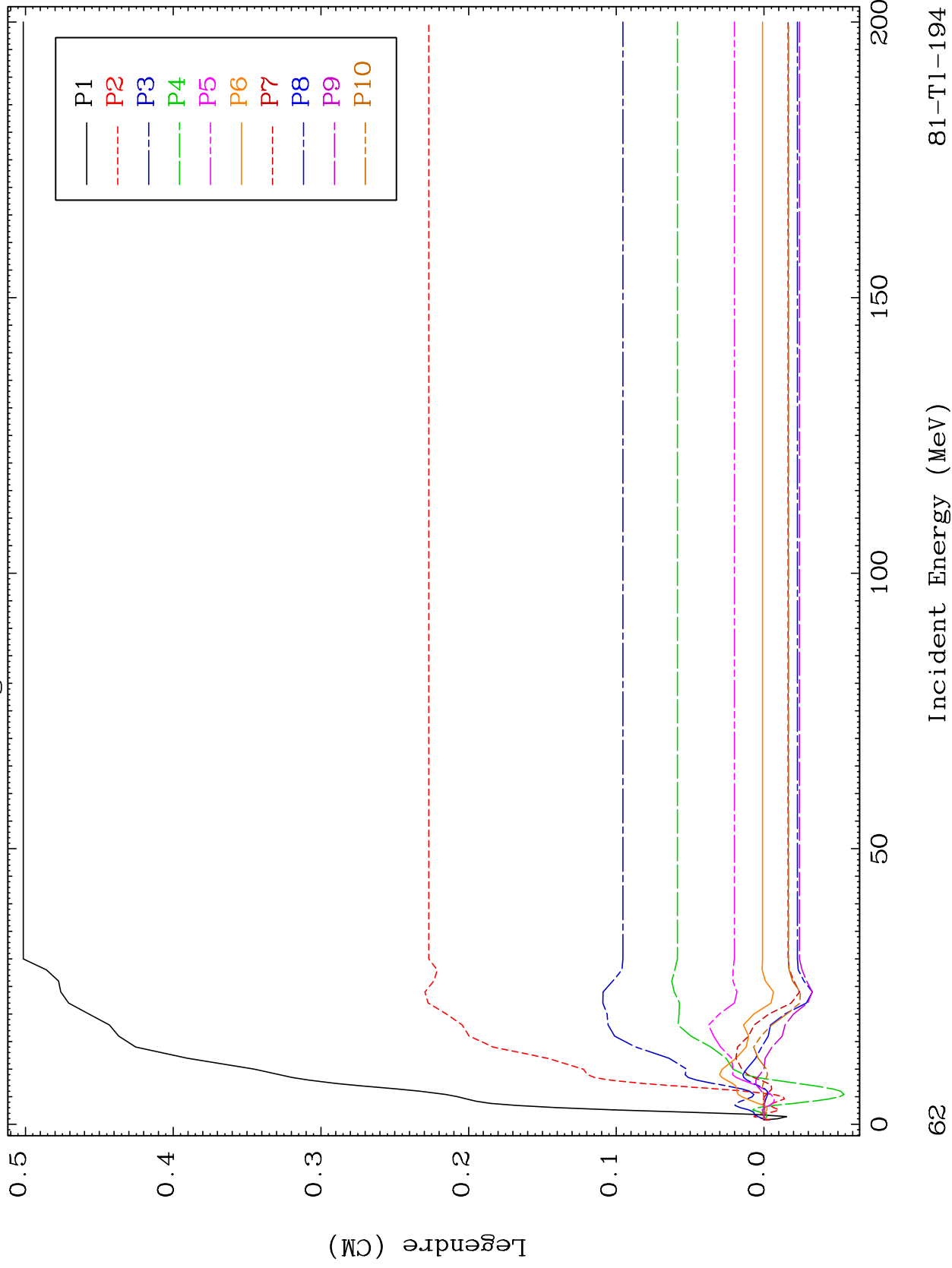
81-Tl-194



MAT 8098

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

81-Tl-194



81-Tl-194

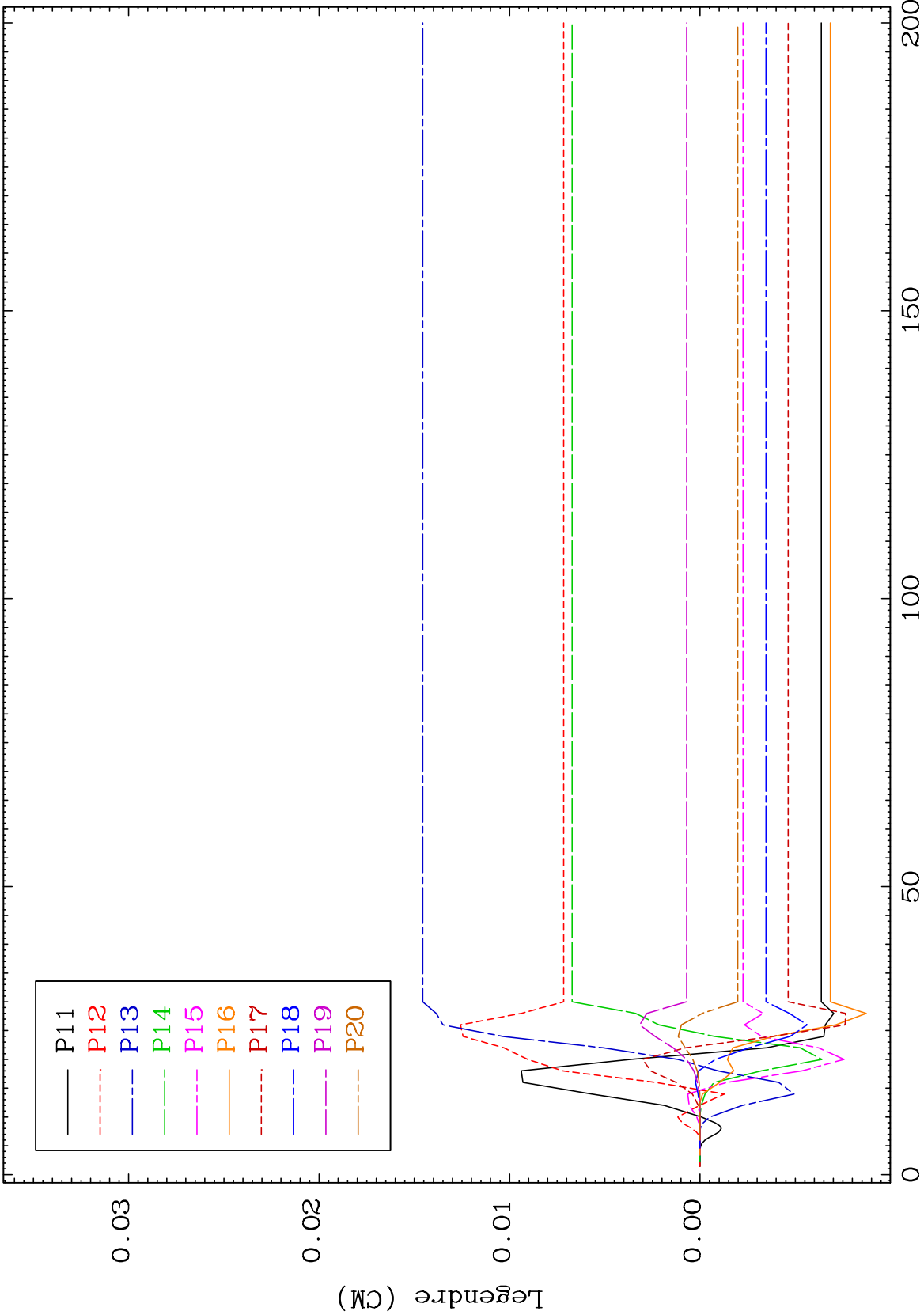
Incident Energy (MeV)

62

MAT 8098

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

81-Tl-194



63

Incident Energy (MeV)

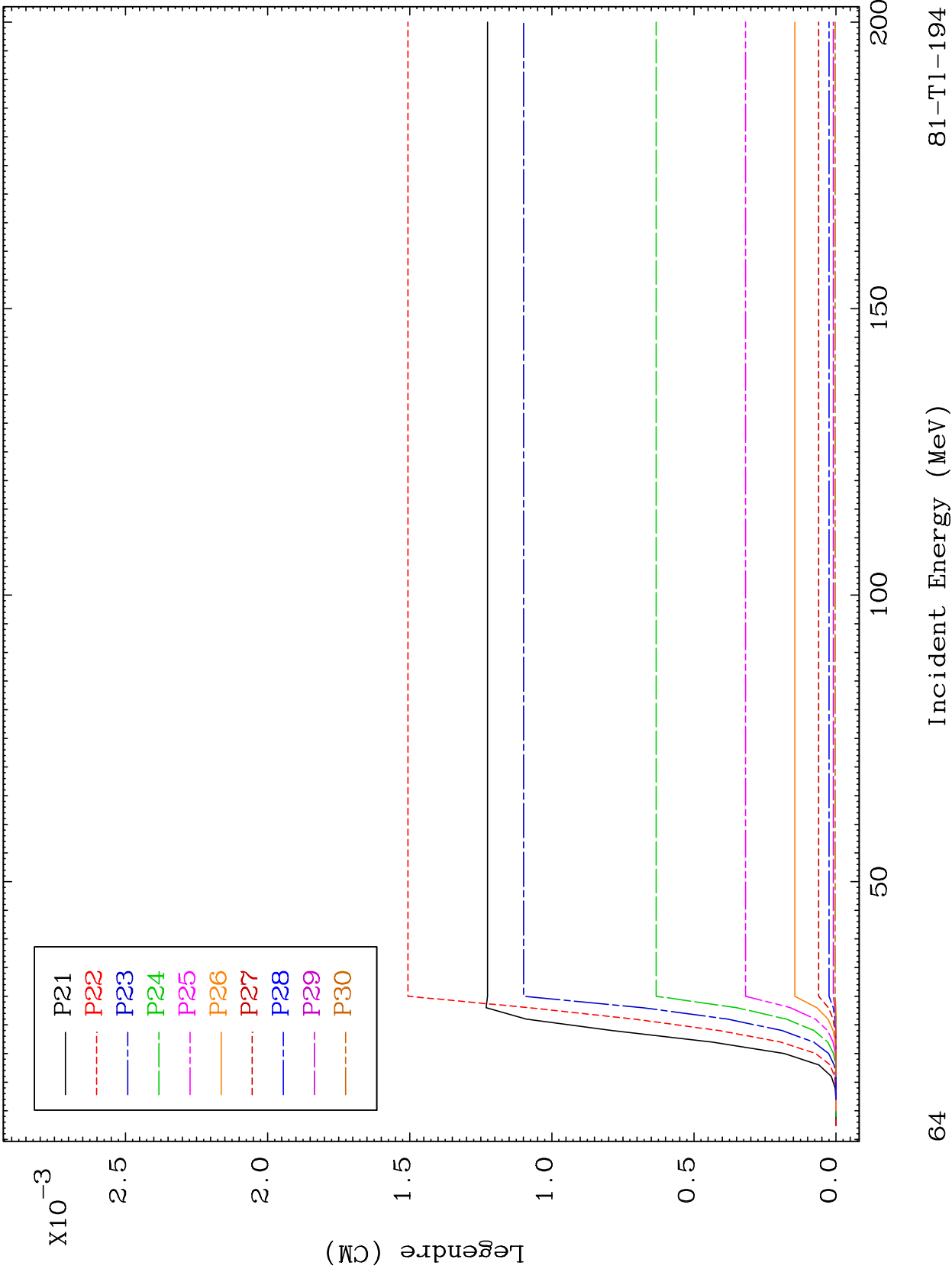
81-Tl-194



MAT 8098

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

81-Tl-194



64

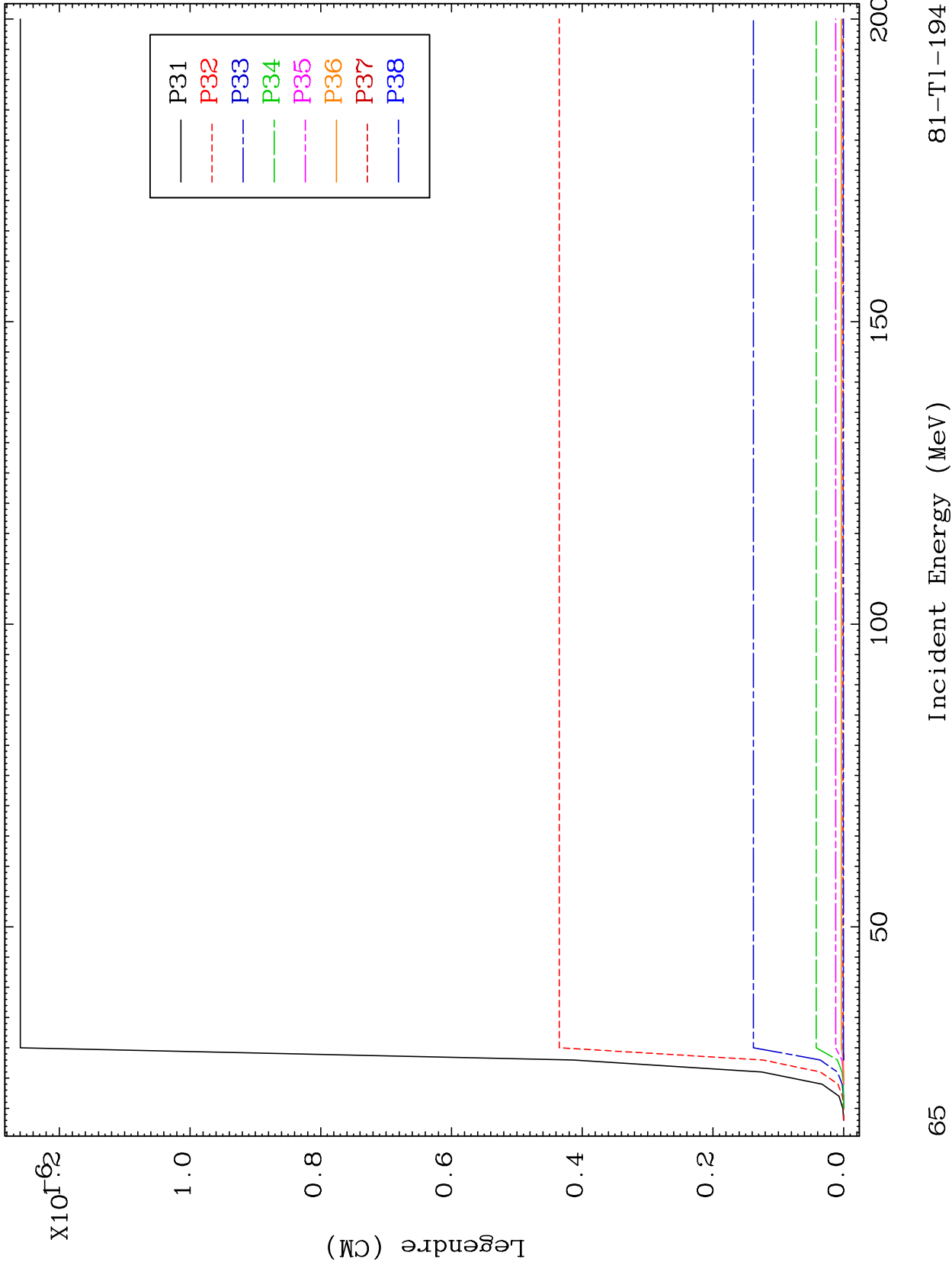
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



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Incident Energy (MeV)

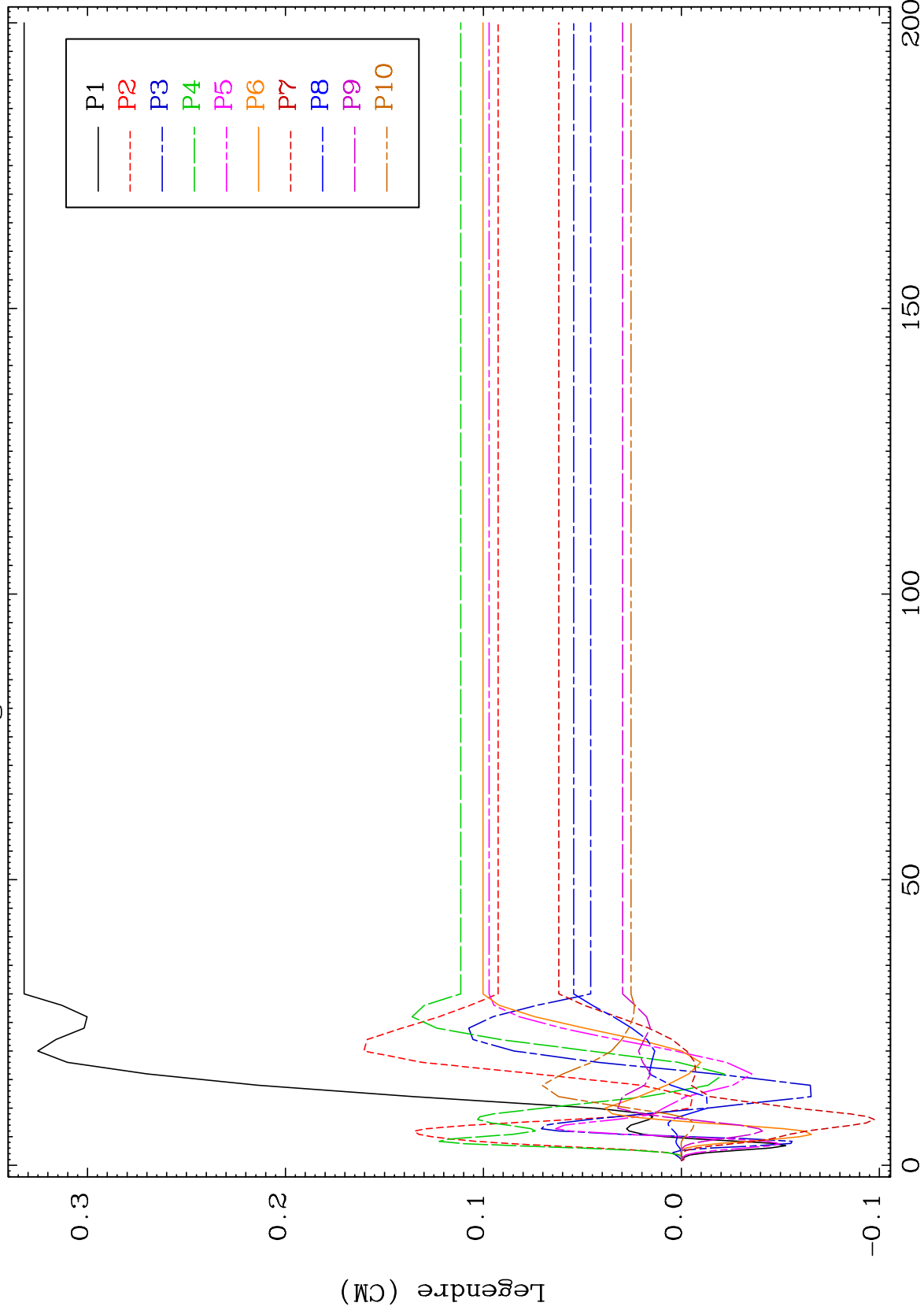
81-Tl-194

MAT 8098

MT= 64 (n,n') Level

81-Tl-194

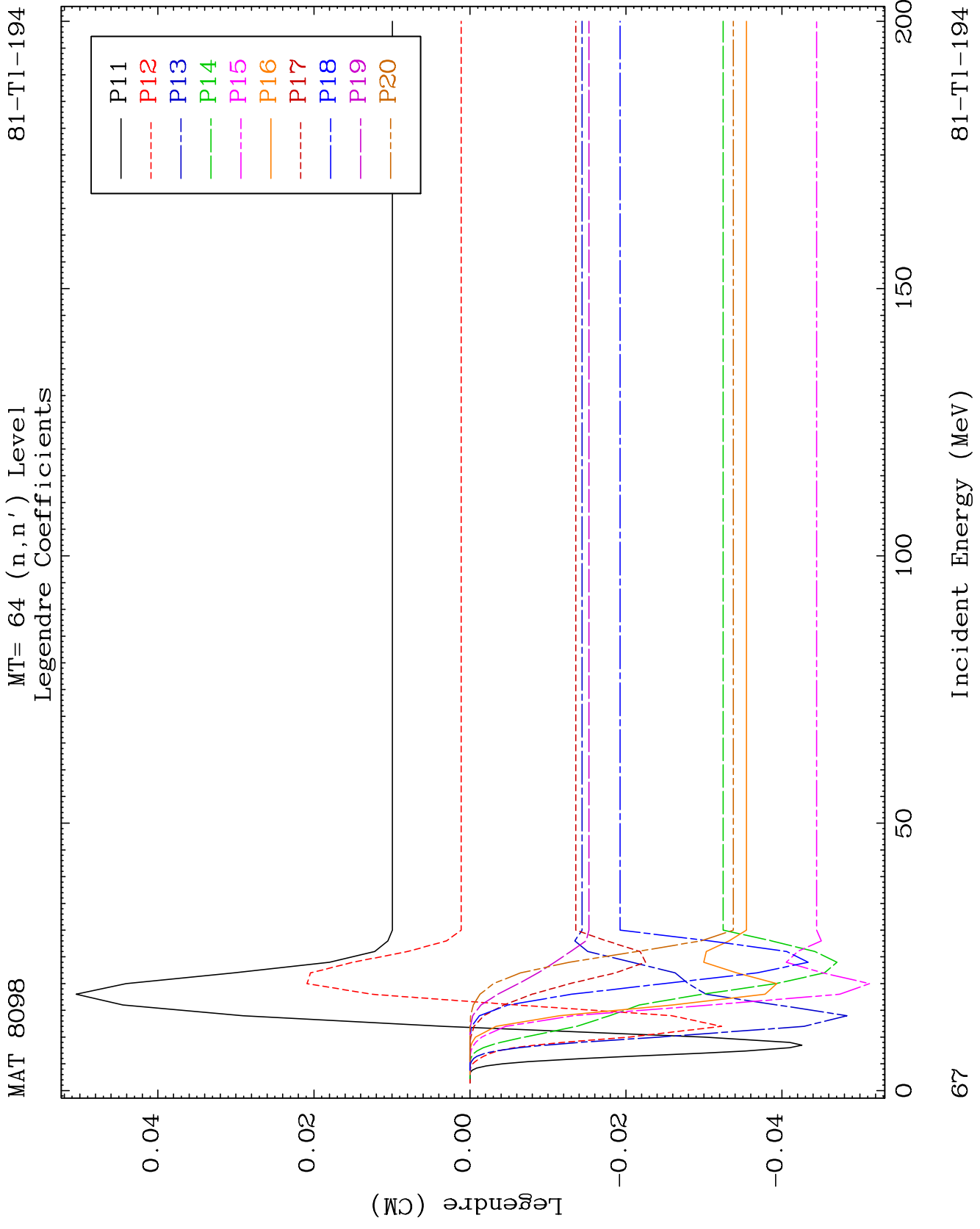
Legendre Coefficients



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Incident Energy (MeV)

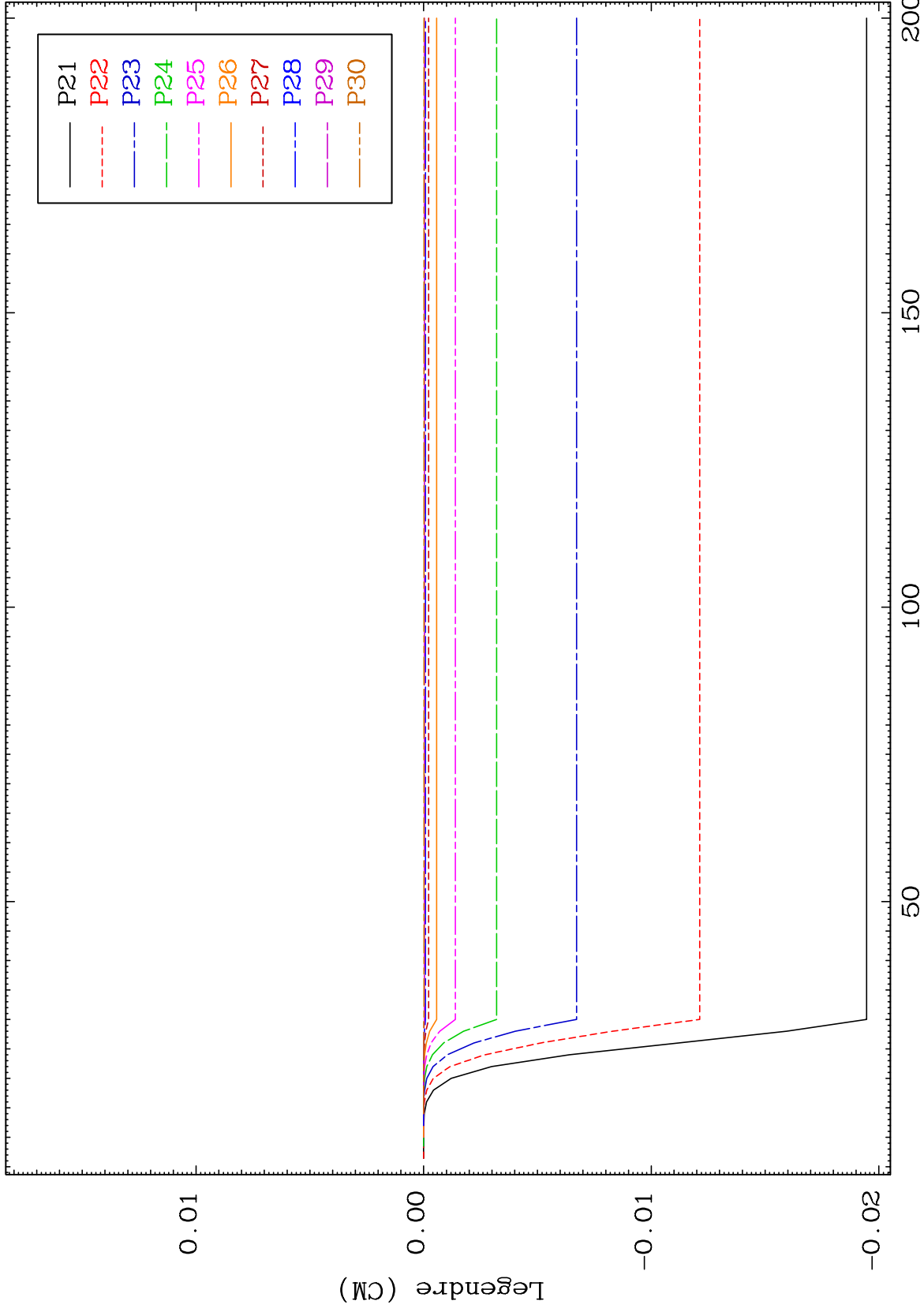
81-Tl-194



MAT 8098

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

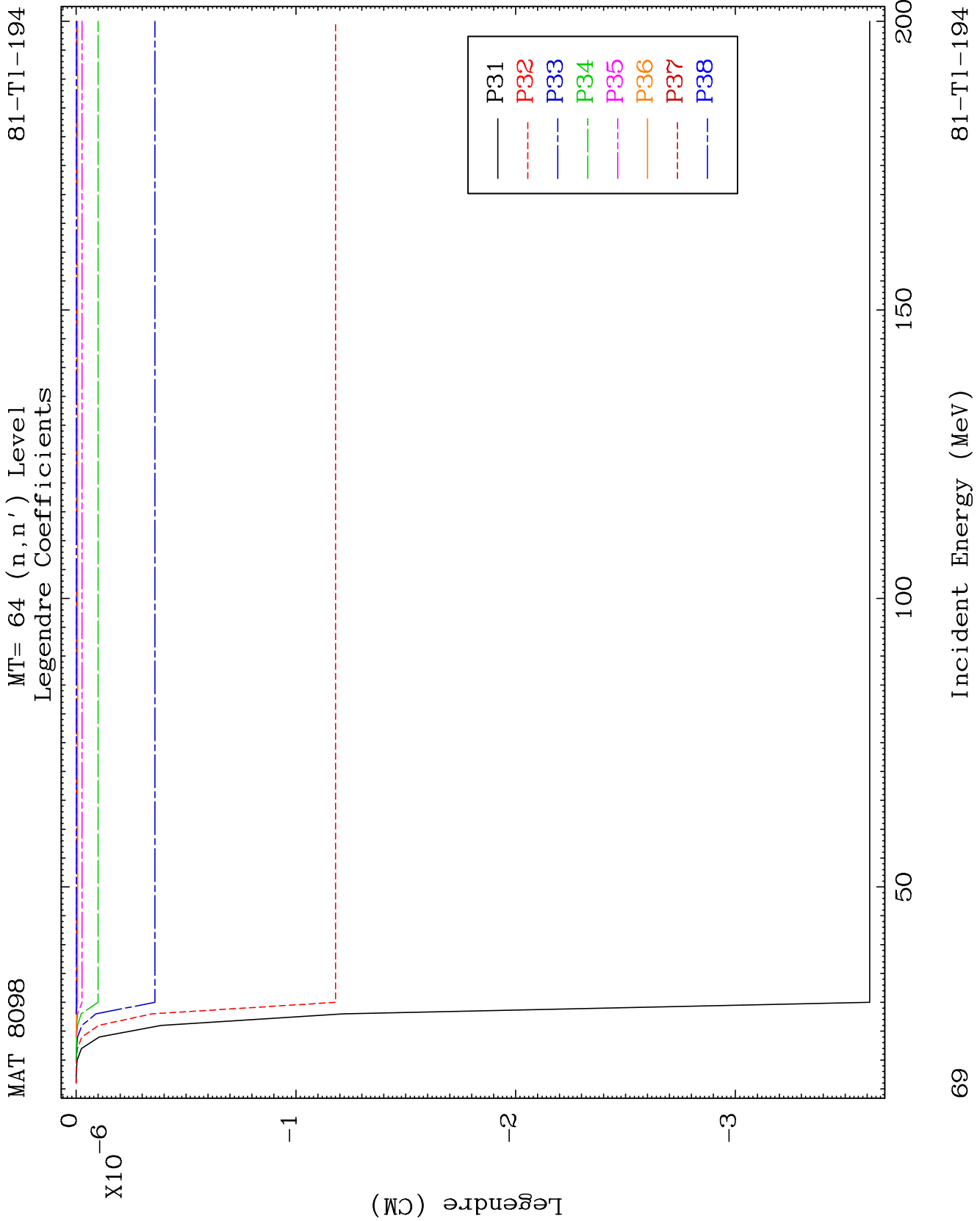
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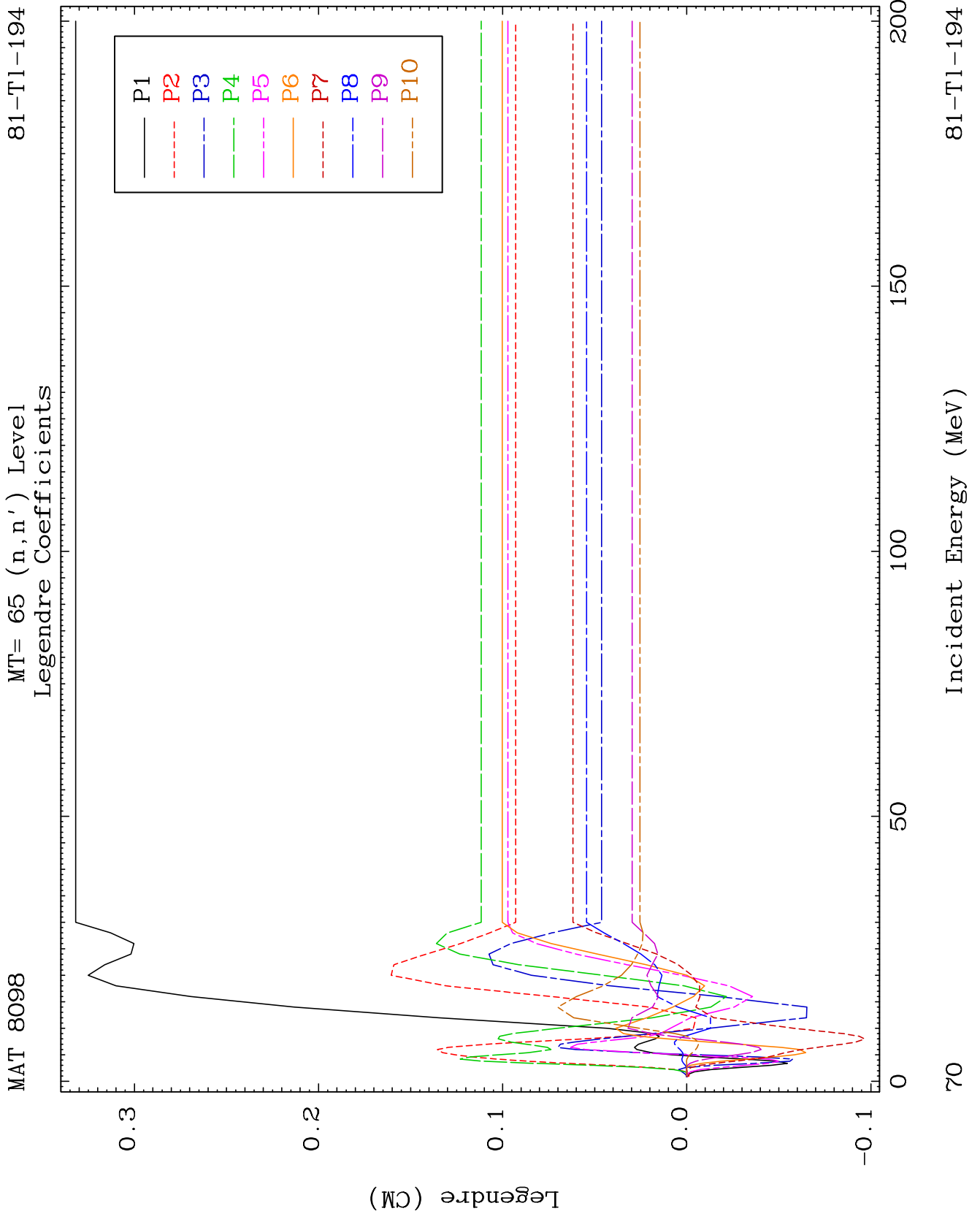


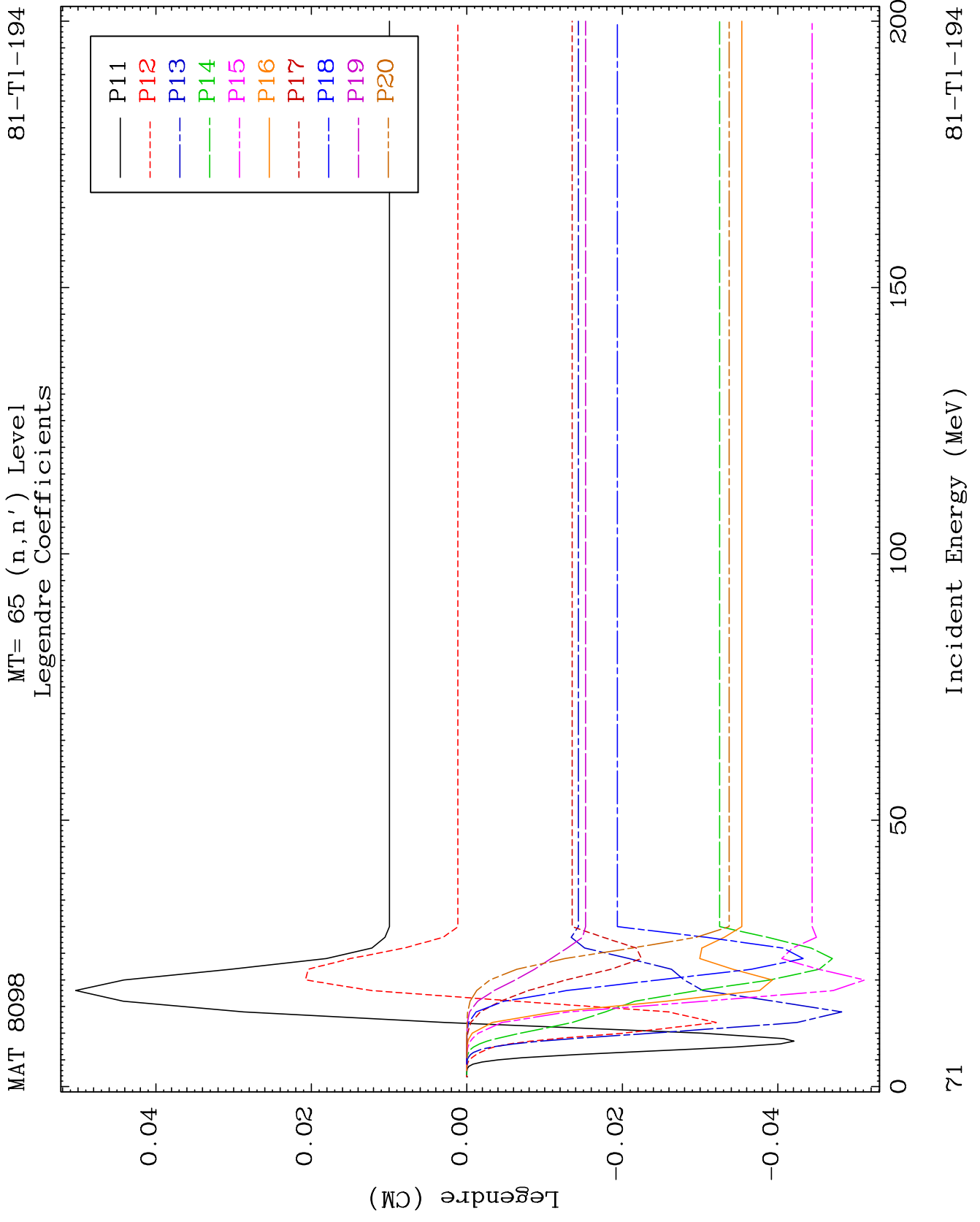
68

Incident Energy (MeV)

81-Tl-194





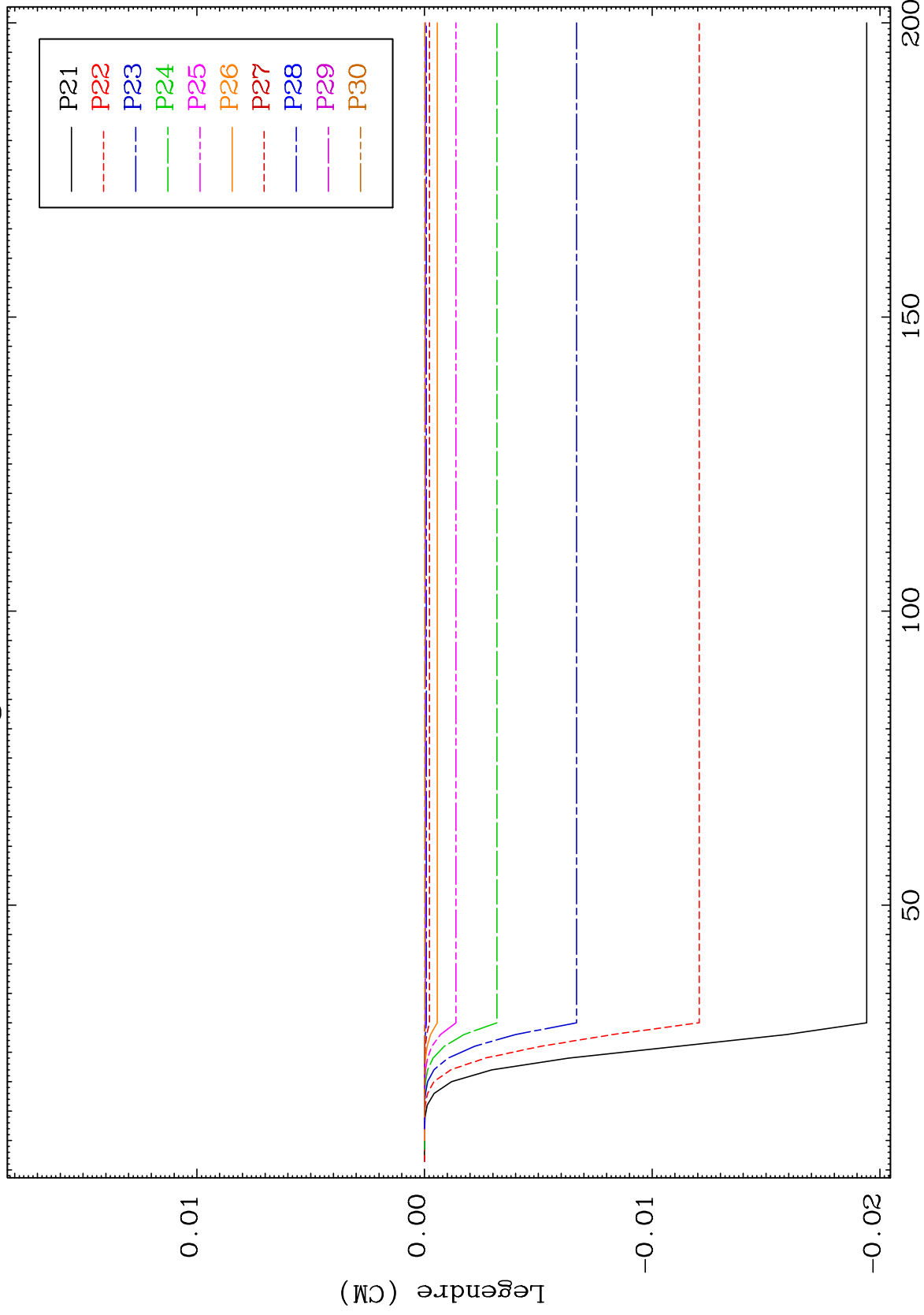




MAT 8098

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

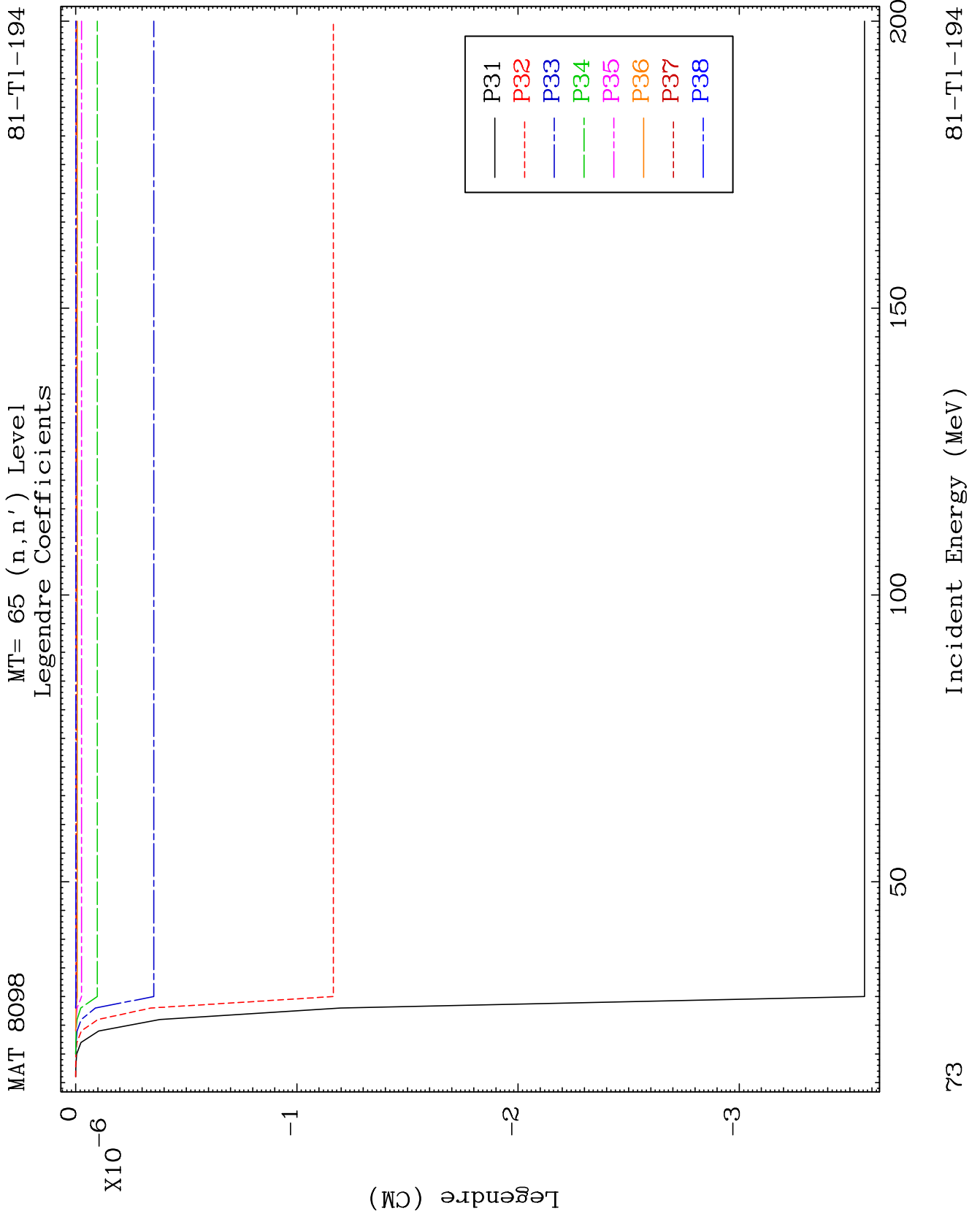
81-Tl-194



72

Incident Energy (MeV)

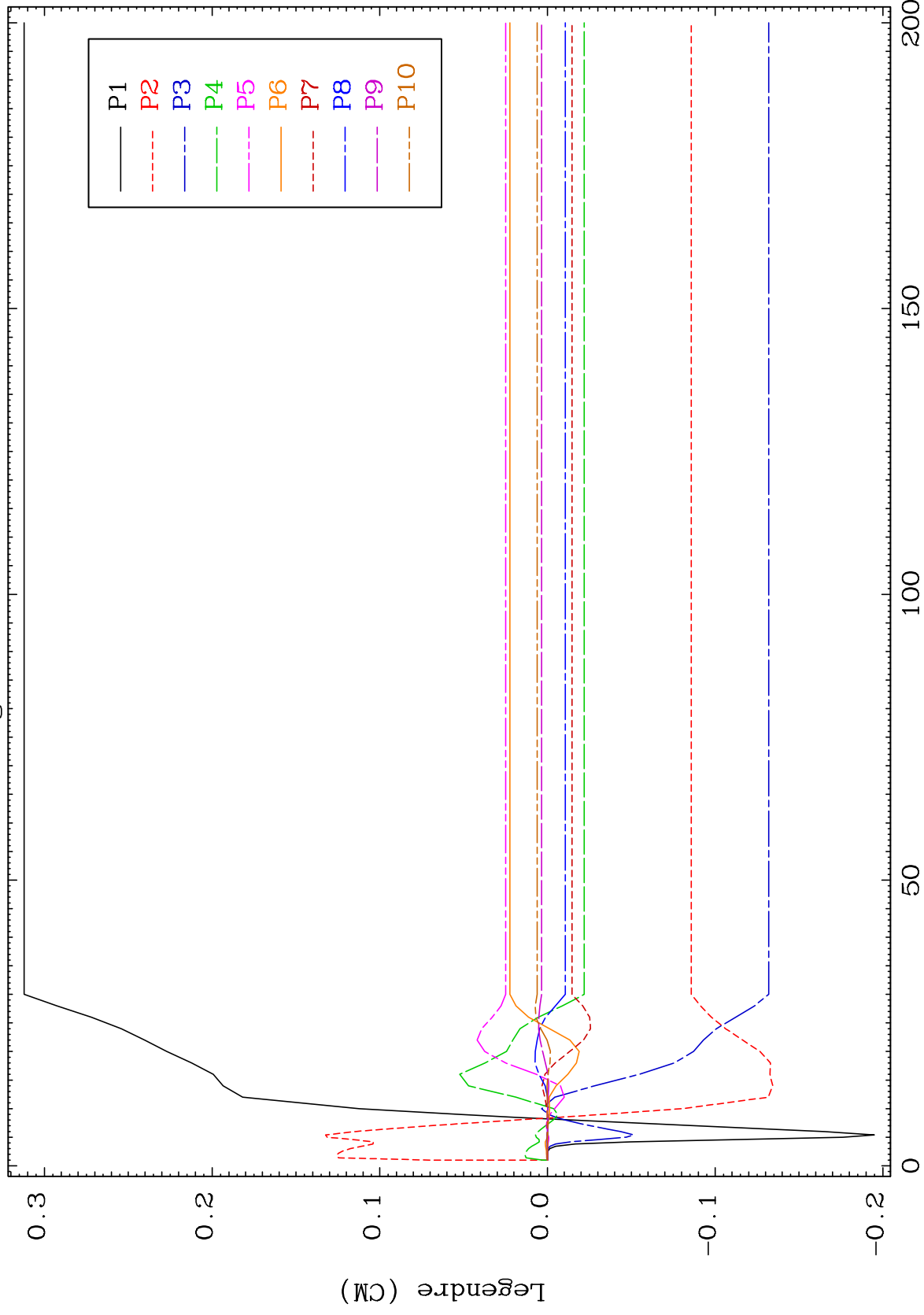
81-Tl-194



MAT 8098

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

81-Tl-194



74

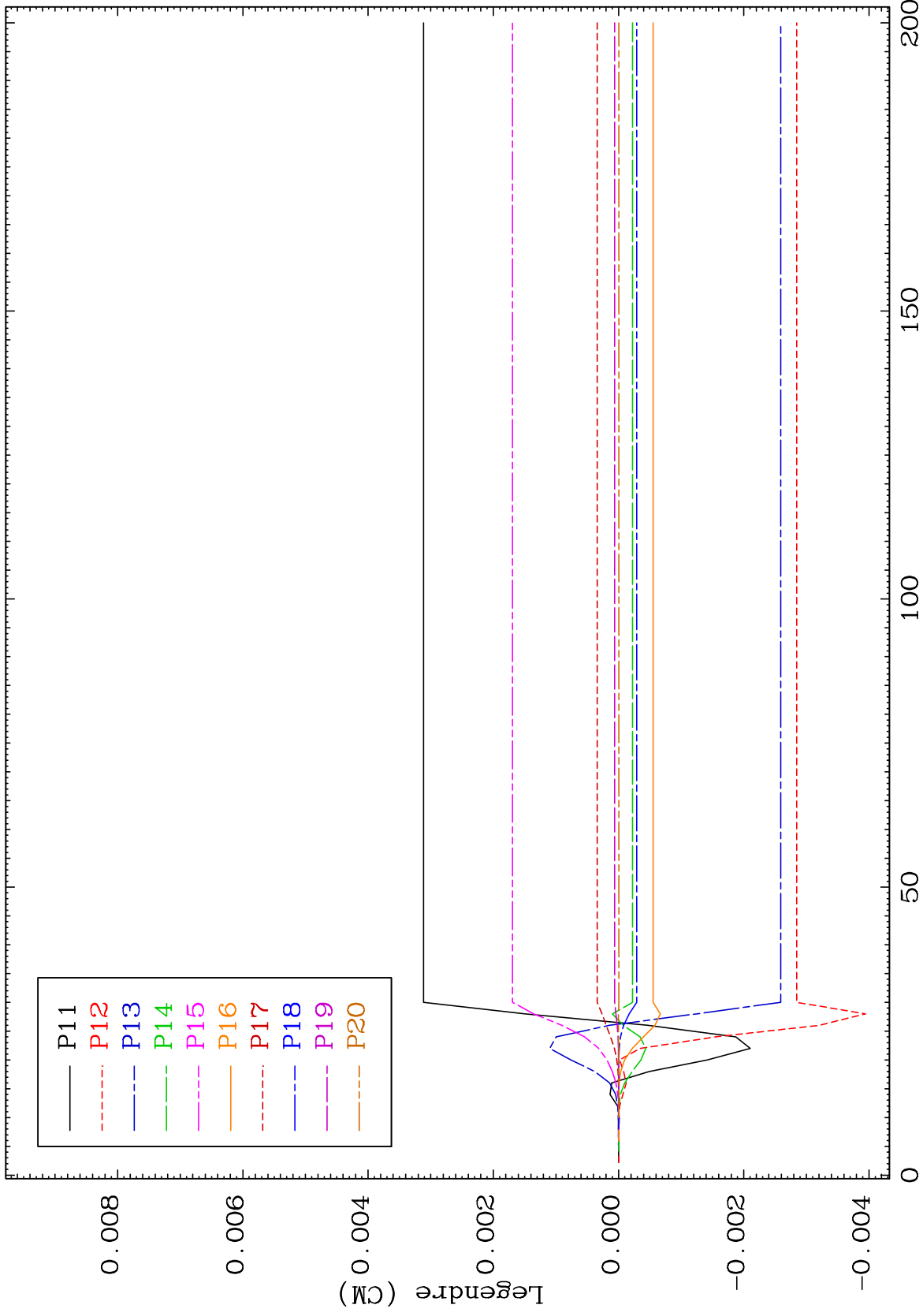
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



75

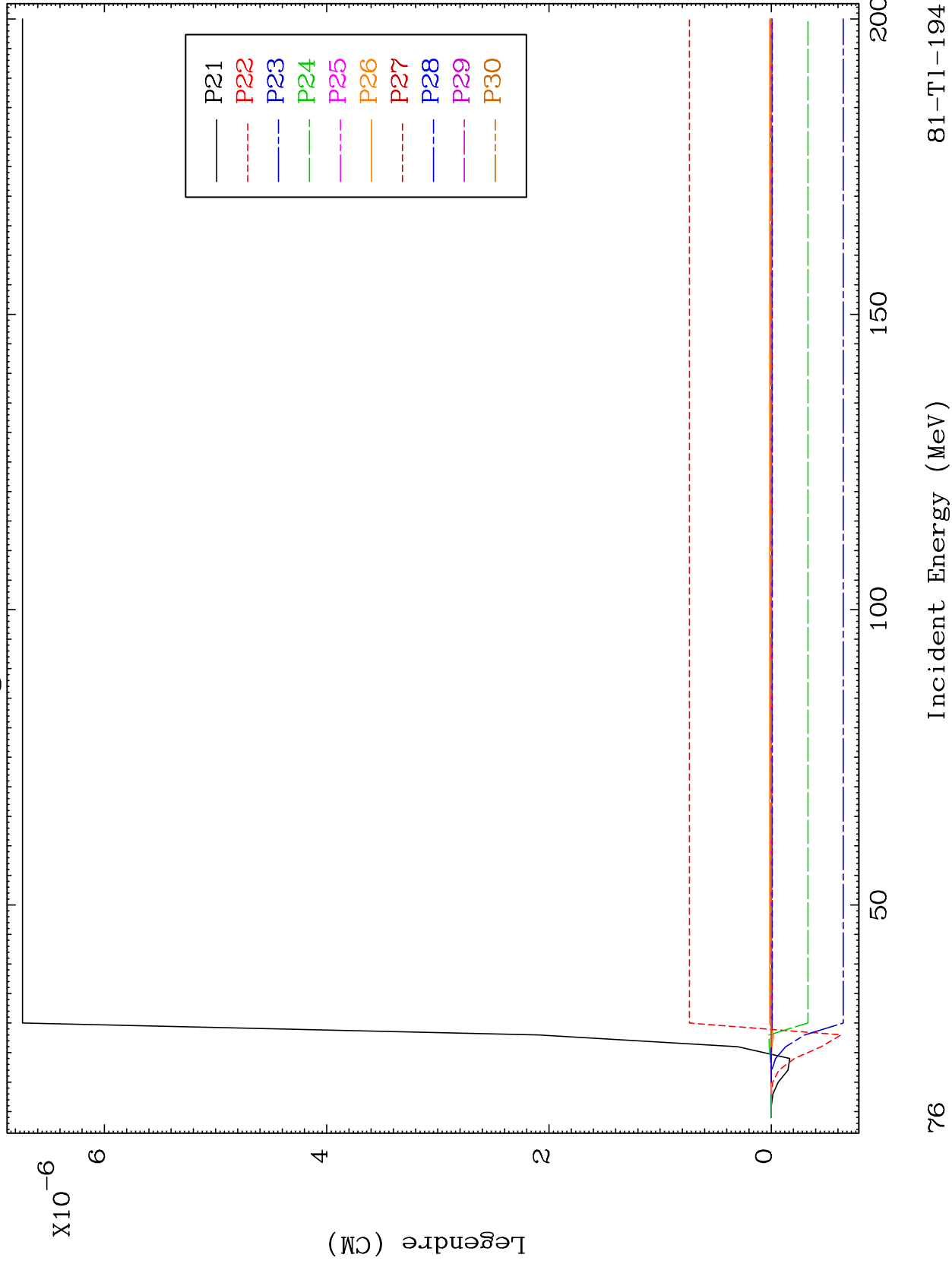
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



76

Incident Energy (MeV)

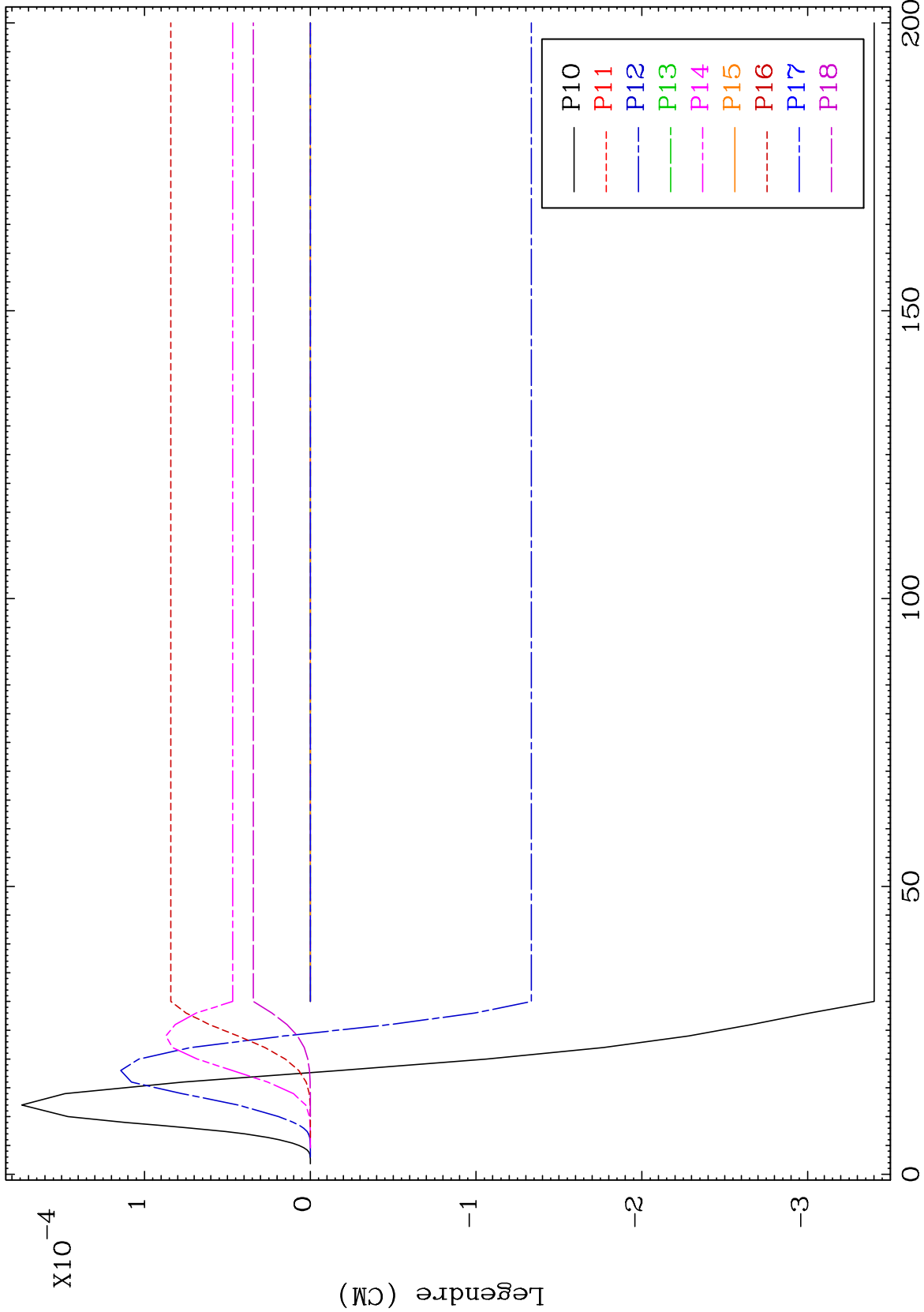
81-Tl-194



MAT 8098

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

81-Tl-194



78

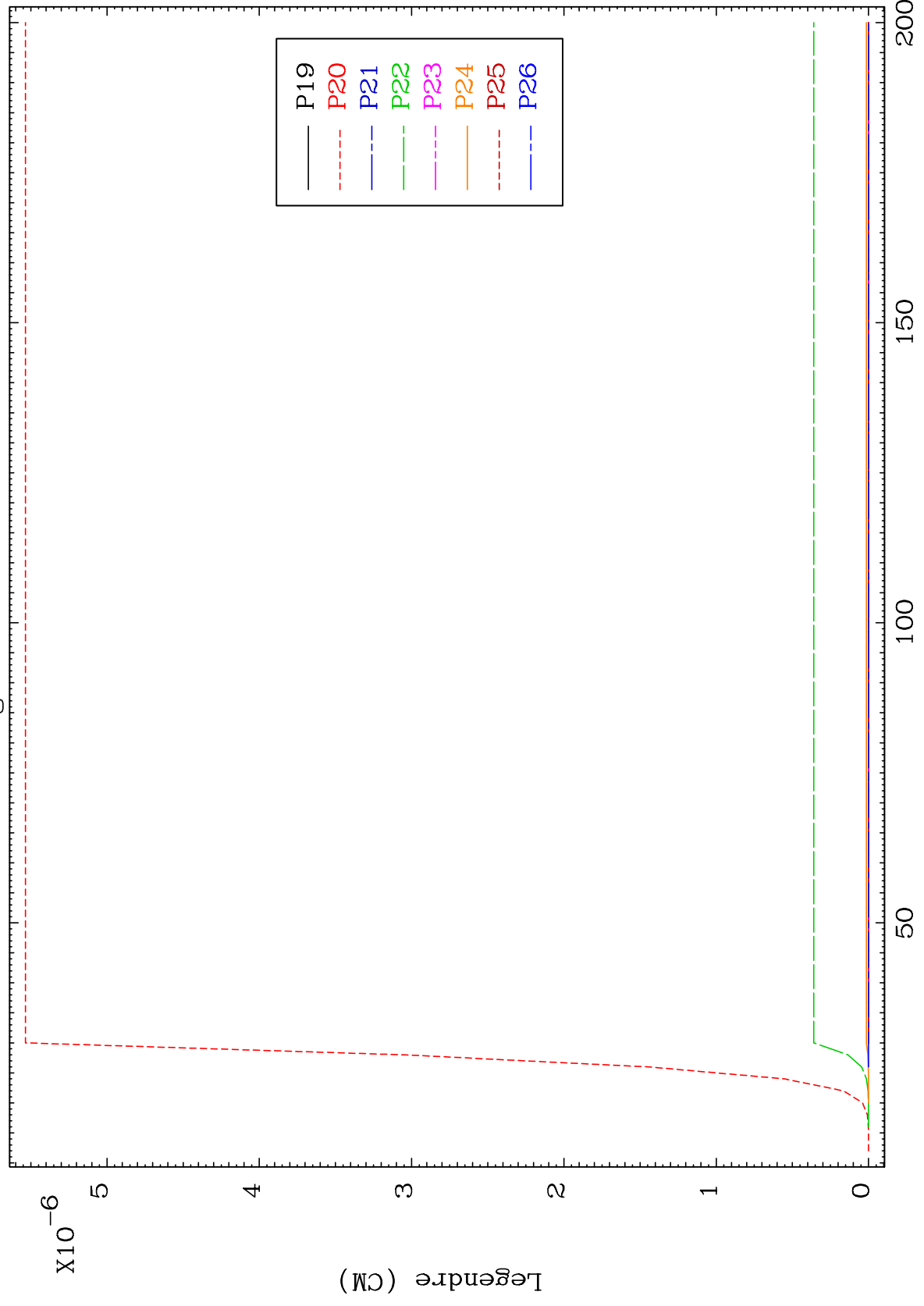
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194

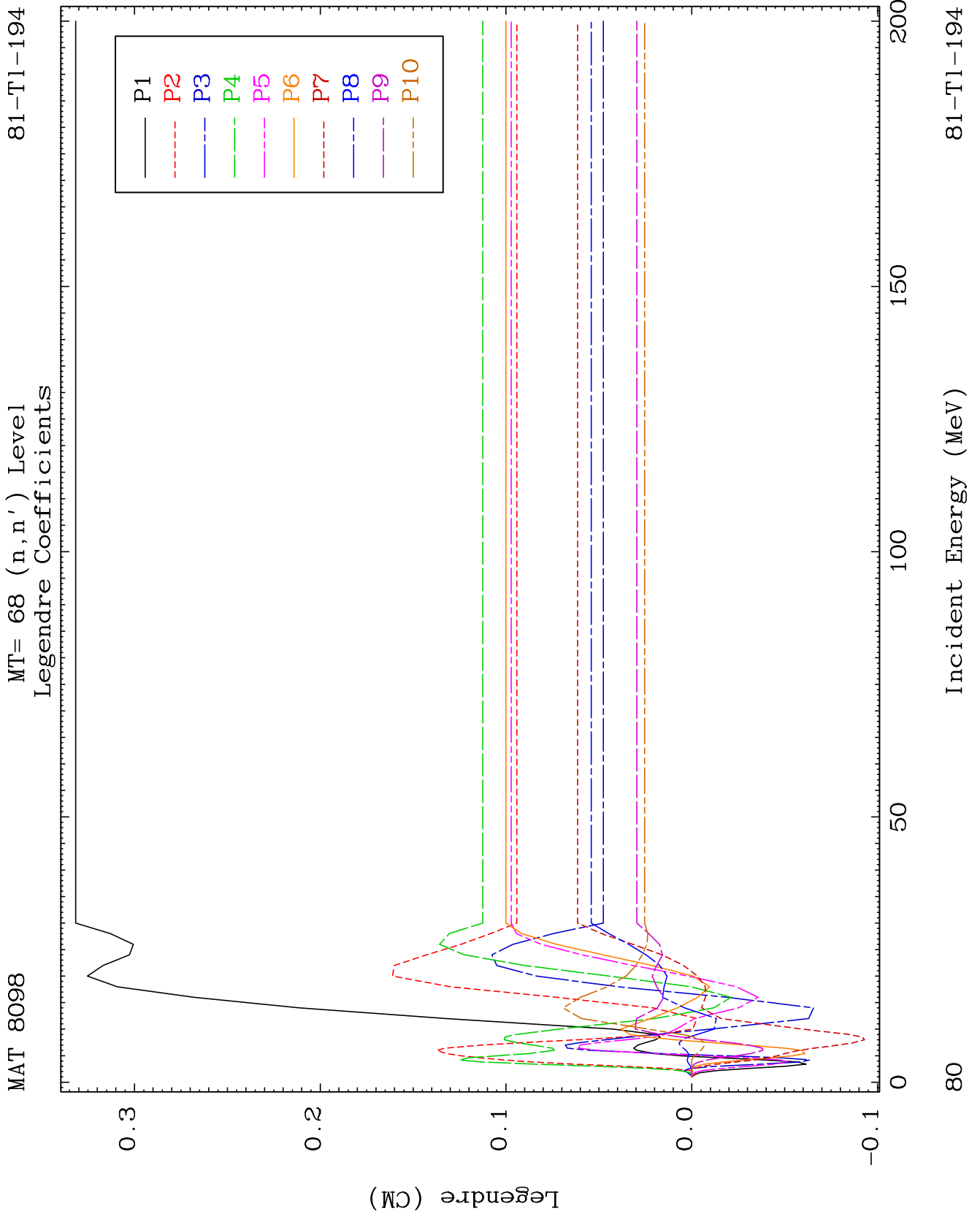


81-Tl-194

Incident Energy (MeV)

79

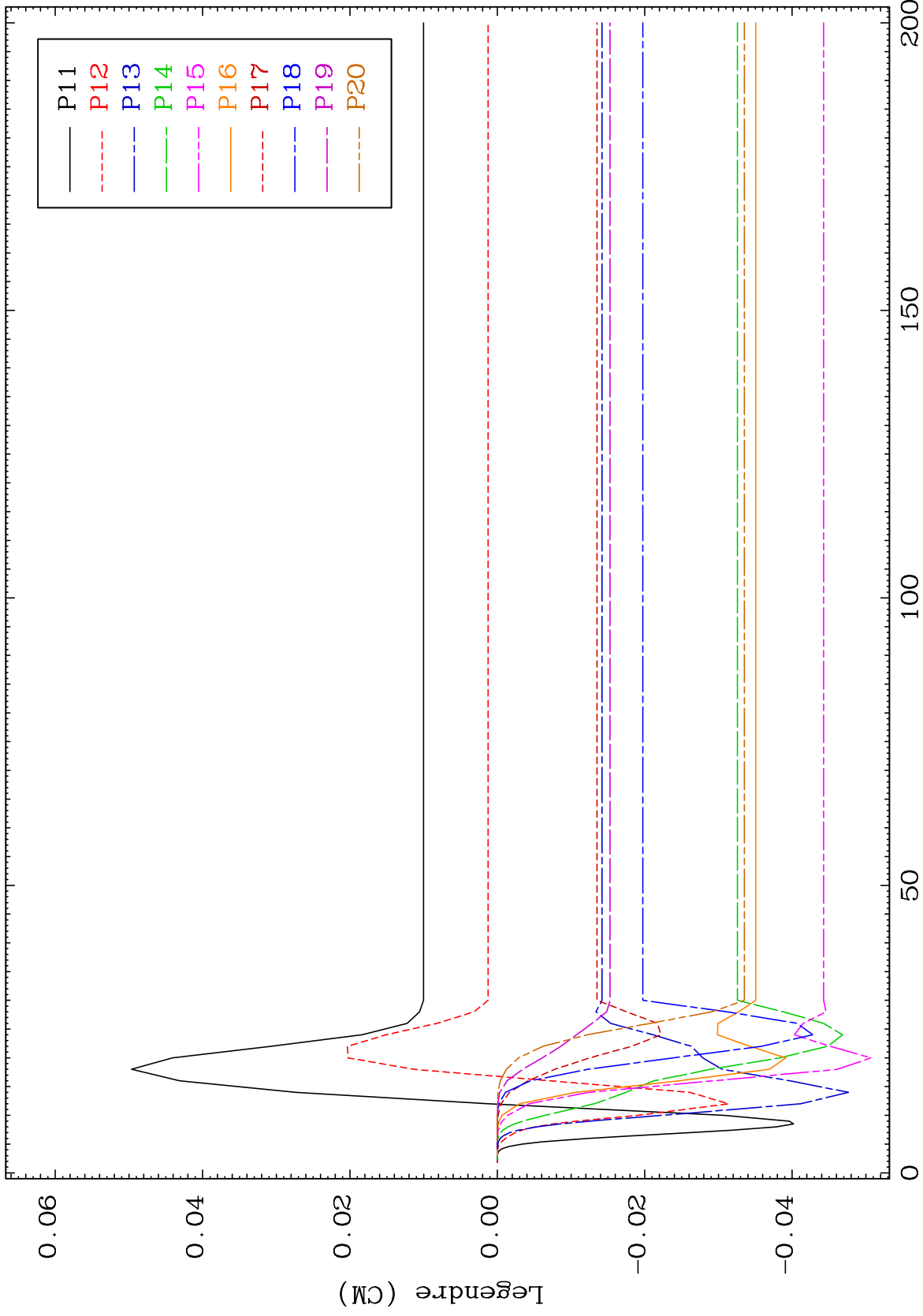




MAT 8098

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

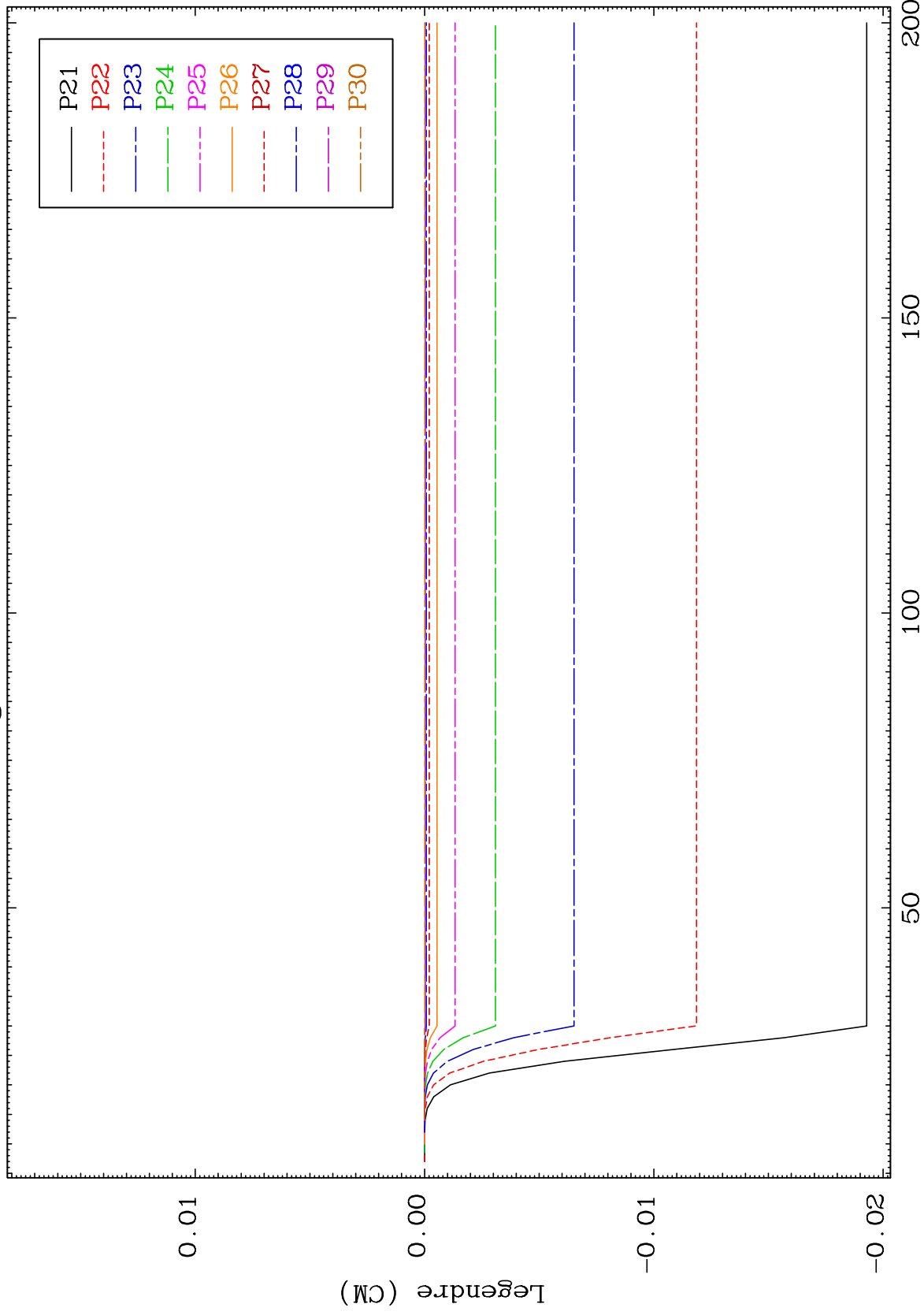
81-Tl-194

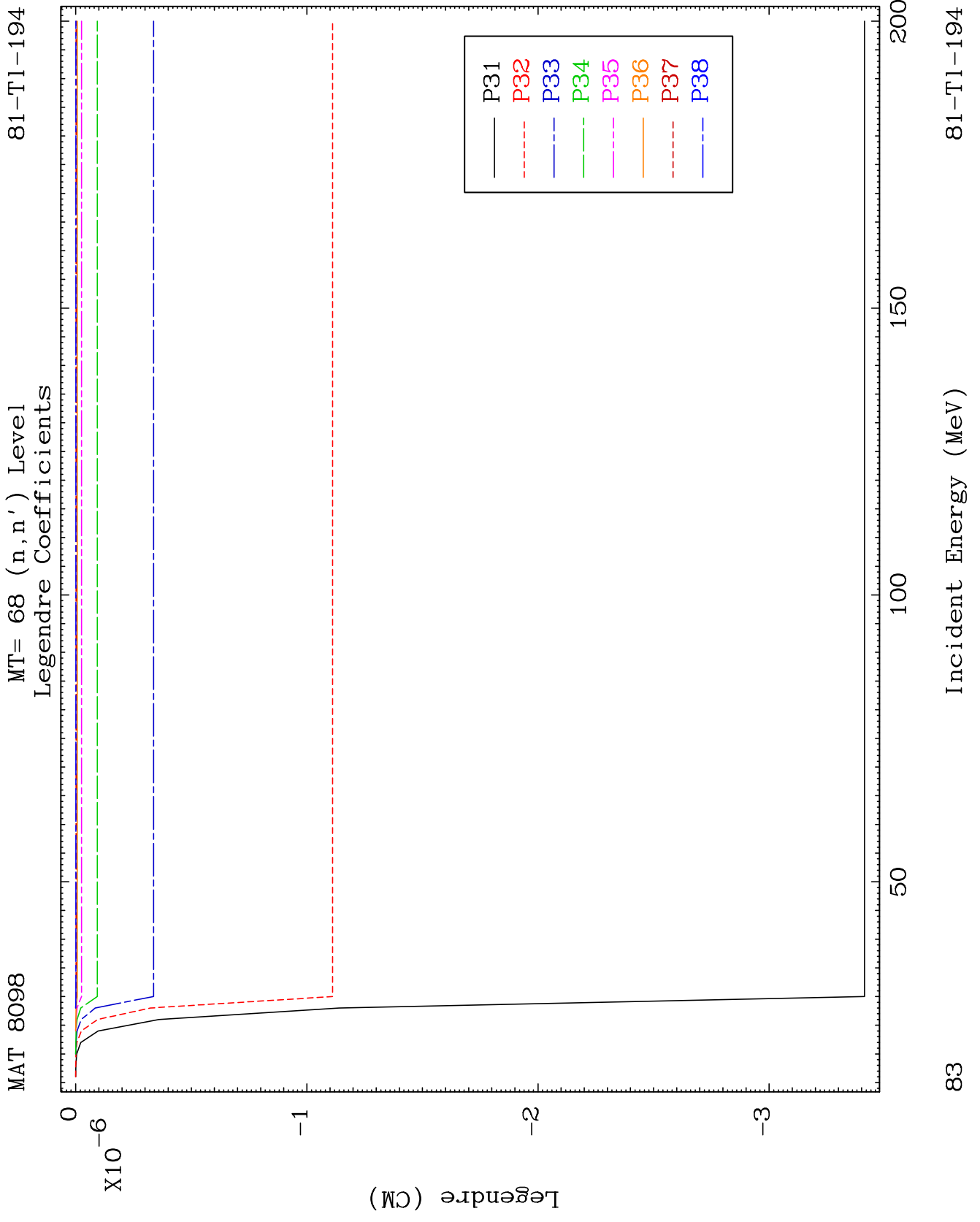


81

Incident Energy (MeV)

81-Tl-194



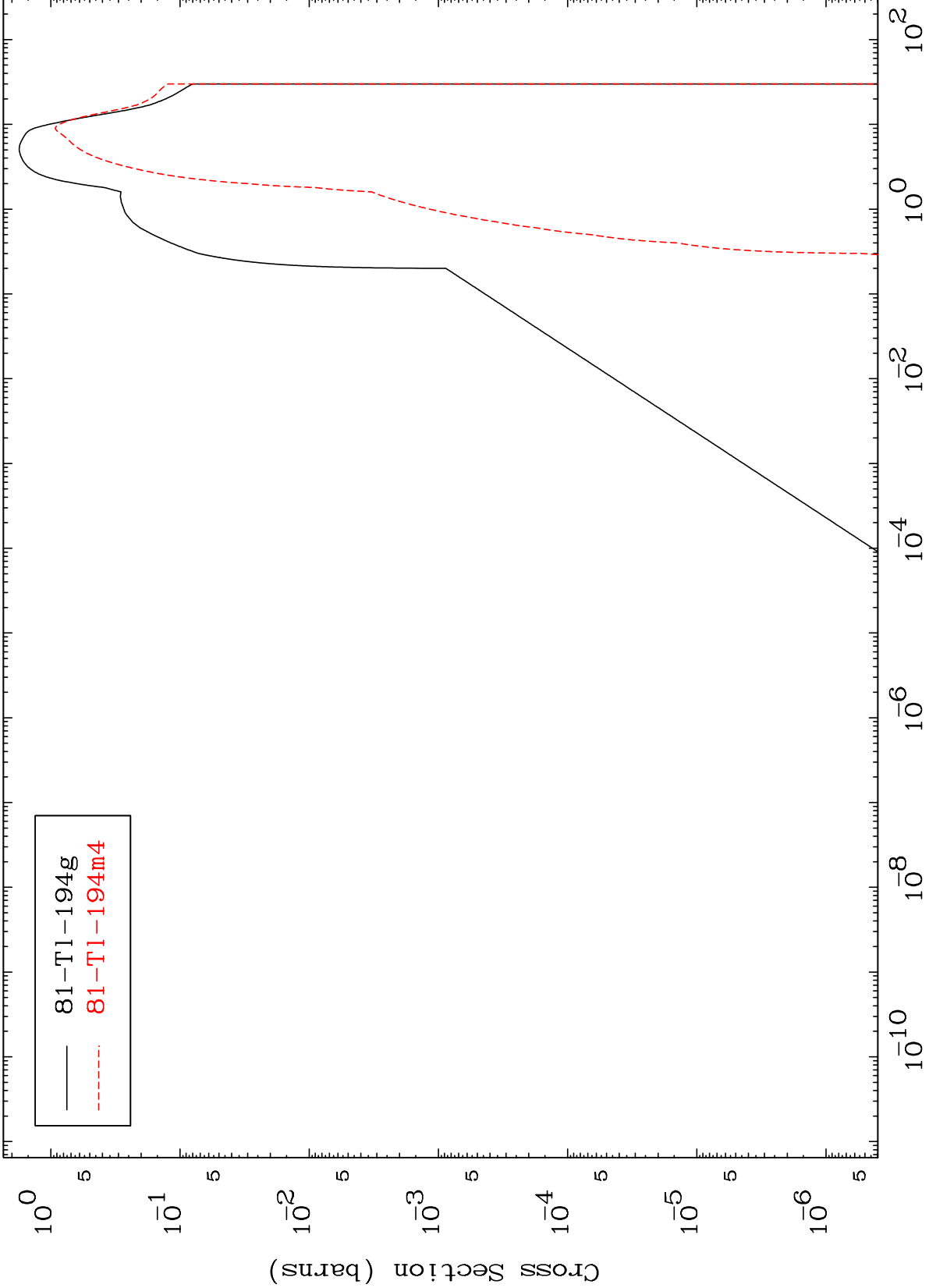


MAT 8098

Inelastic

81-Tl-194

Radionuclide Production Cross Section

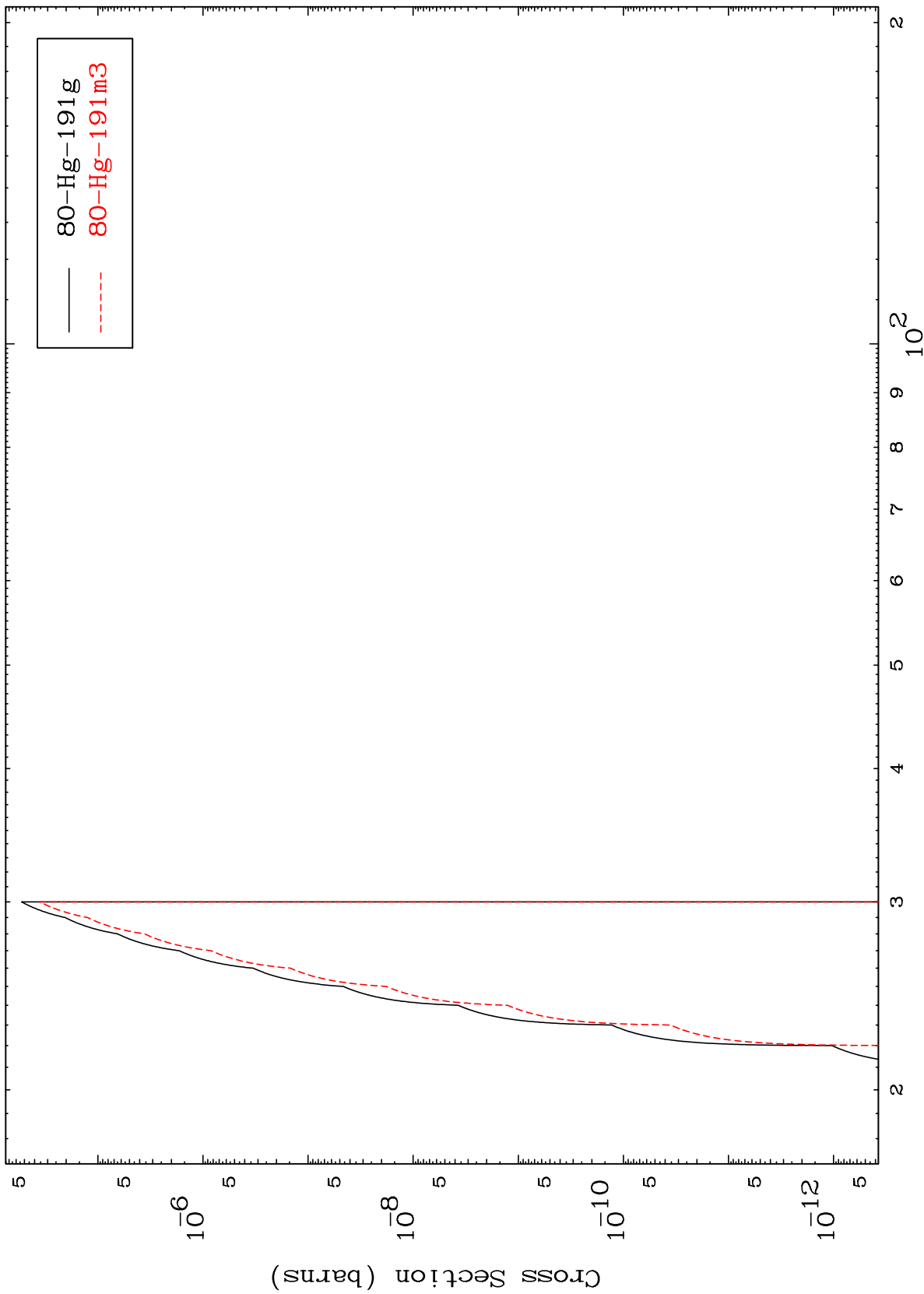


84

Incident Energy (MeV)

81-Tl-194

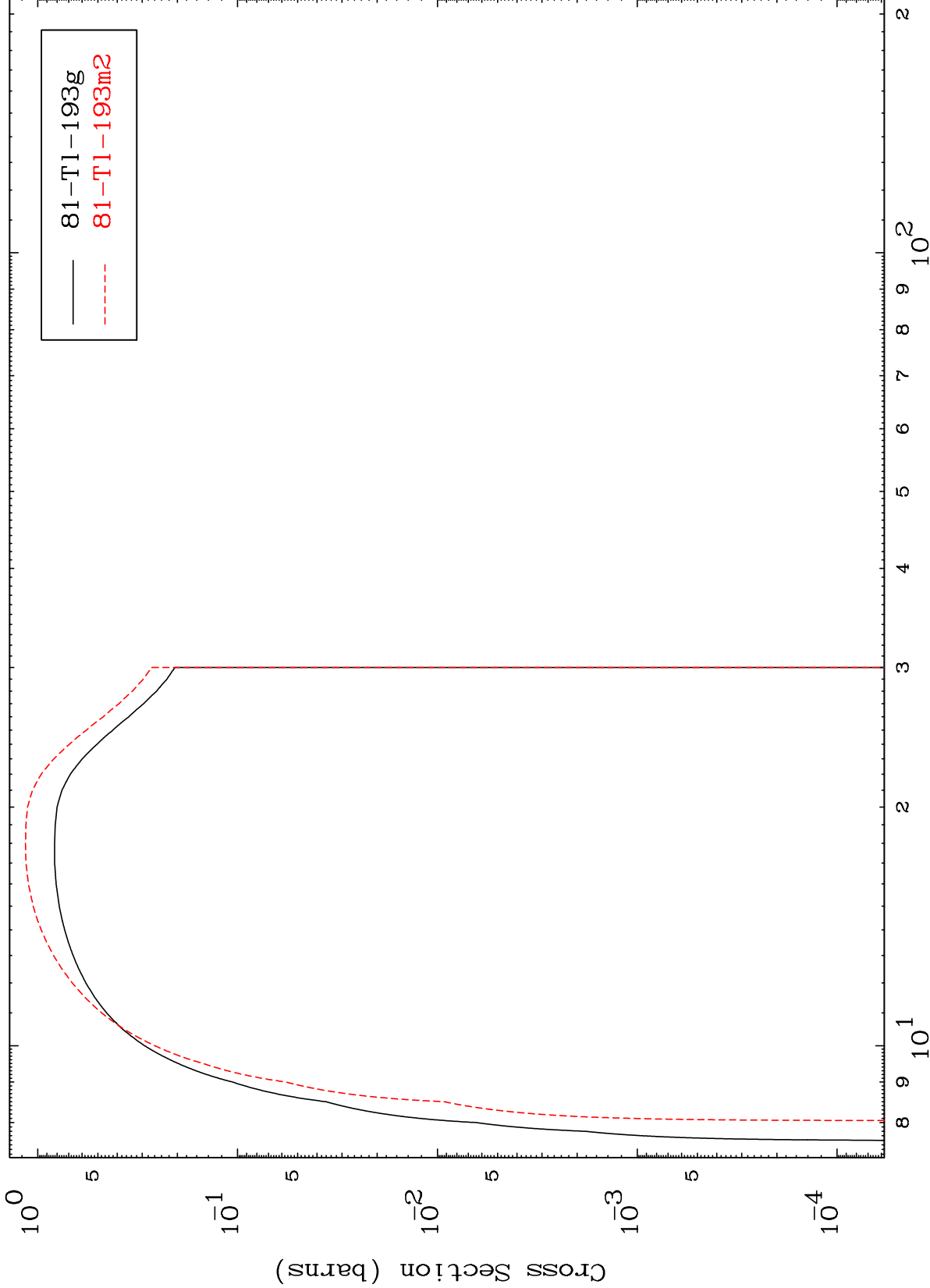
Radionuclide Production Cross Section



MAT 8098

81-Tl-194

(n,2n)  
Radionuclide Production Cross Section



86

Incident Energy (MeV)

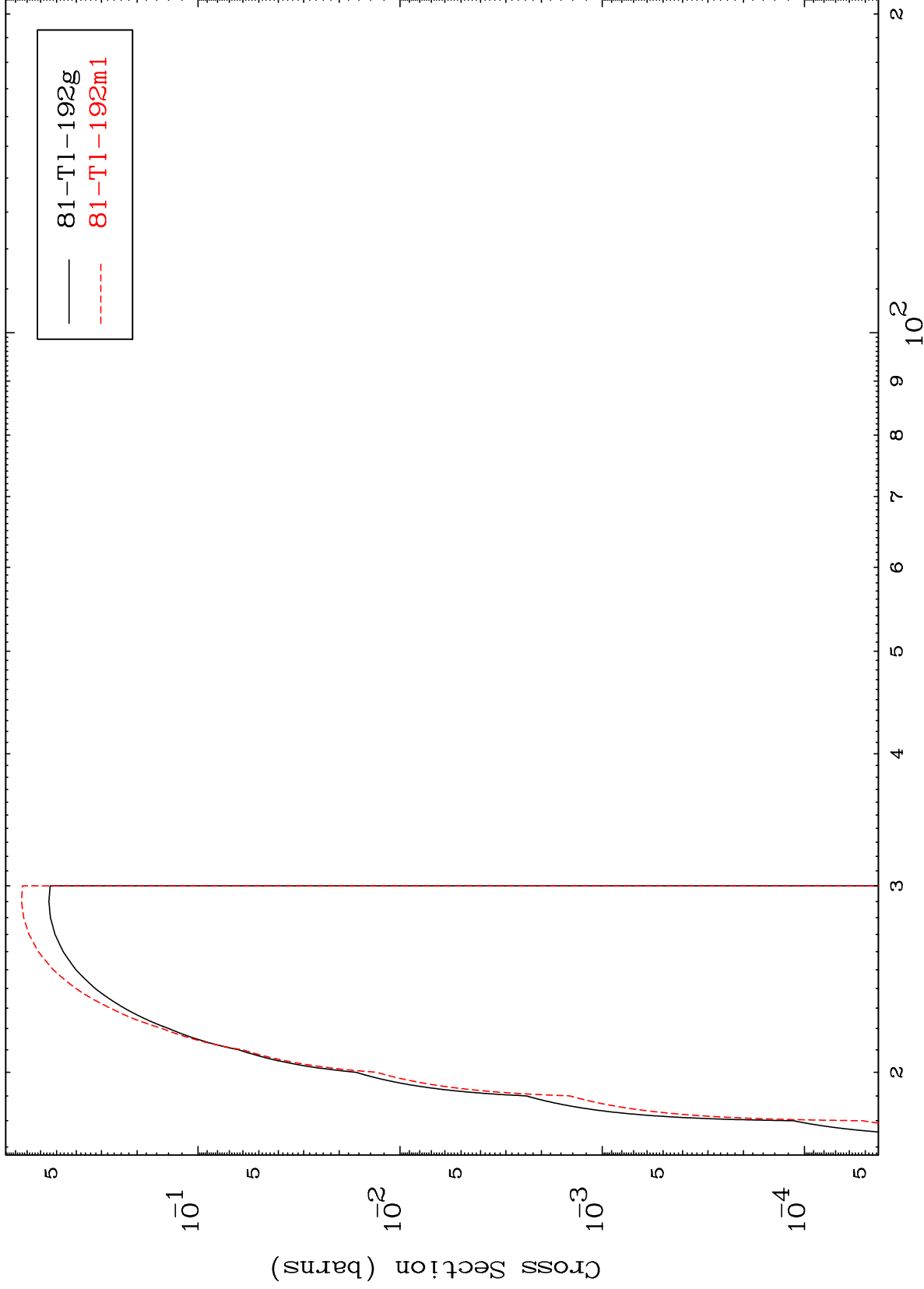
81-Tl-194

MAT 8098

(n,3n)

81-Tl-194

Radionuclide Production Cross Section



87

Incident Energy (MeV)

81-Tl-194

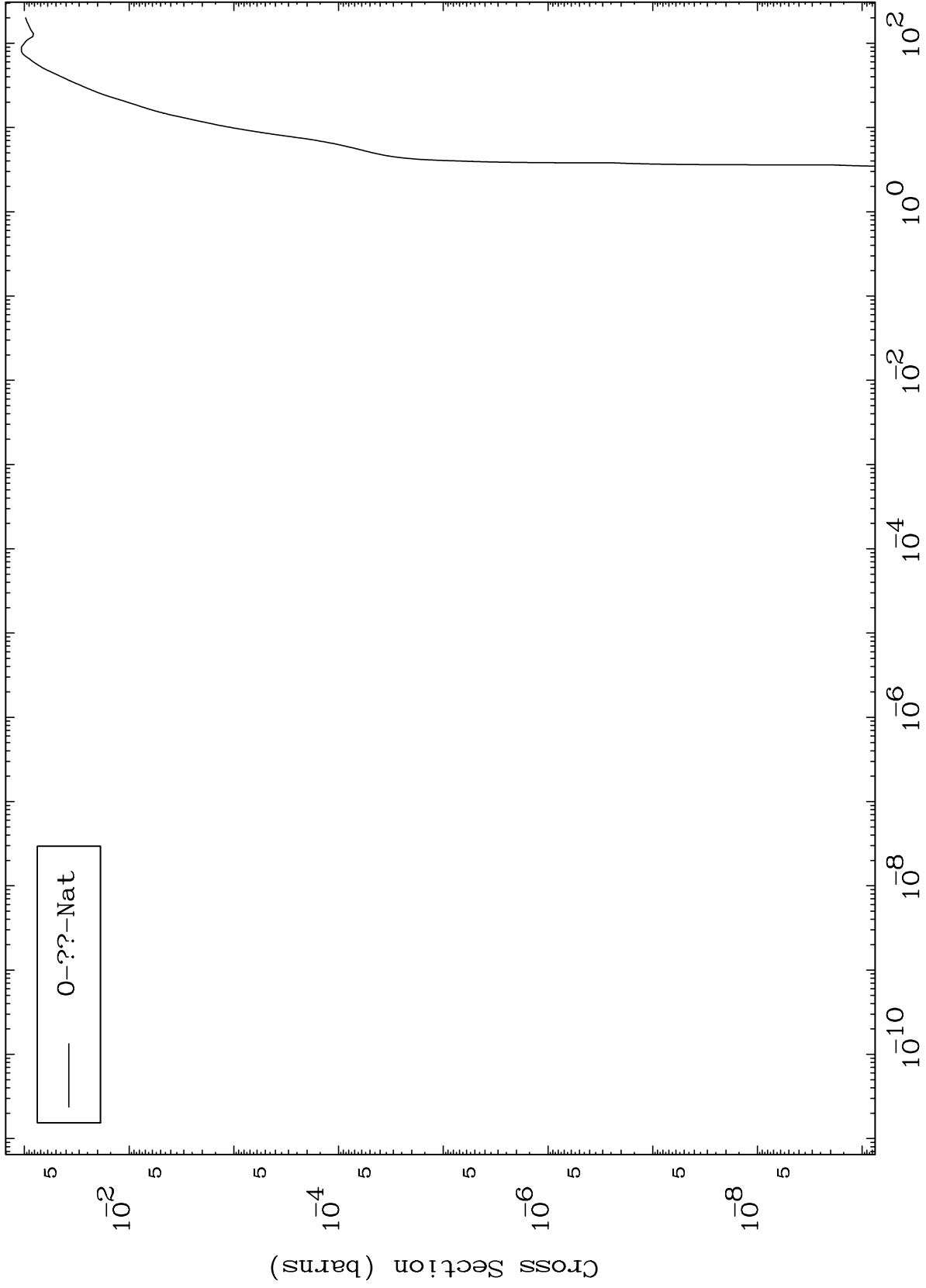


MAT 8098

Fission

81-Tl-194

Radionuclide Production Cross Section



88

Incident Energy (MeV)

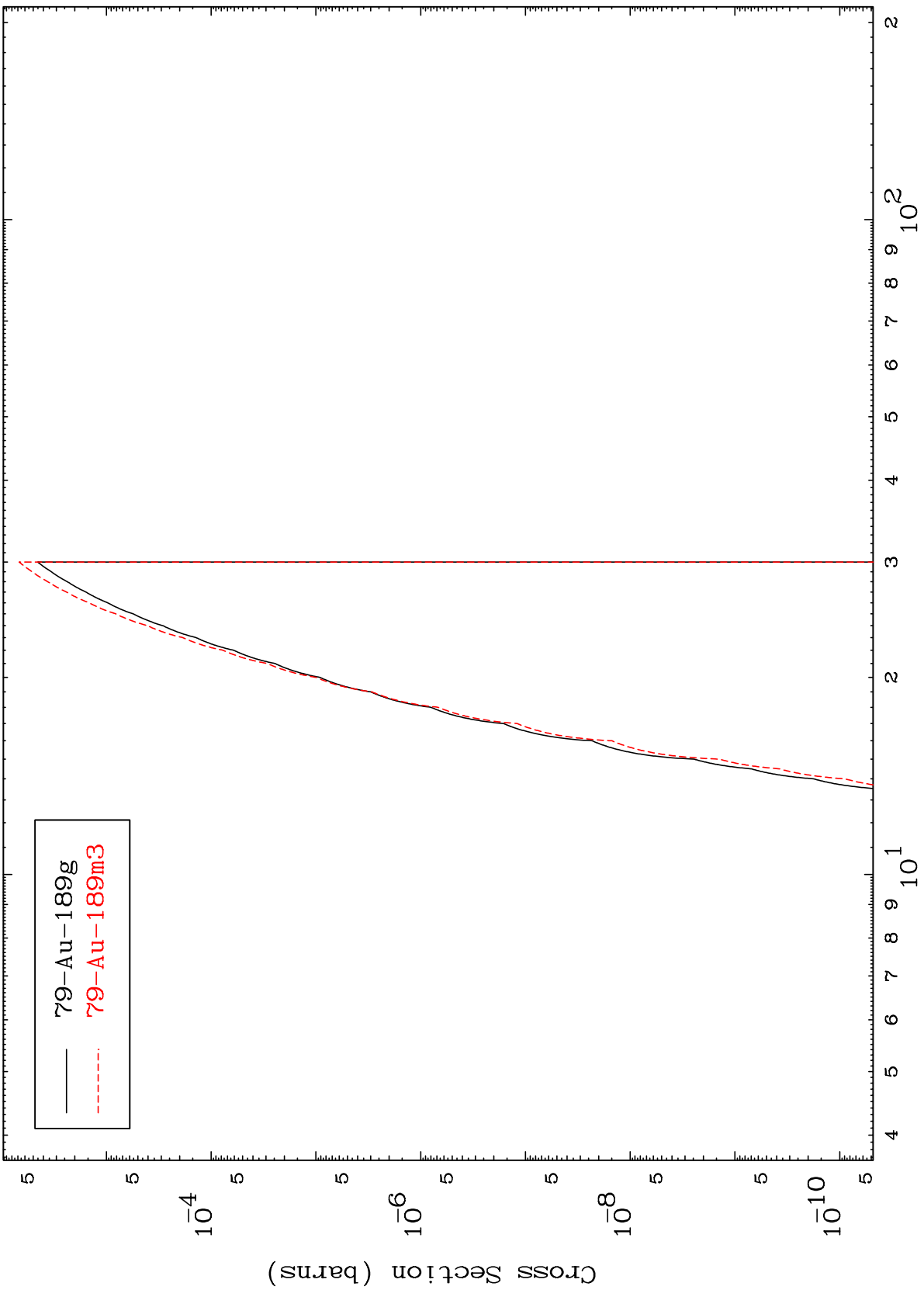
81-Tl-194

MAT 8098

(n,2n)  $\alpha$

81-Tl-194

Radionuclide Production Cross Section



89

Incident Energy (MeV)

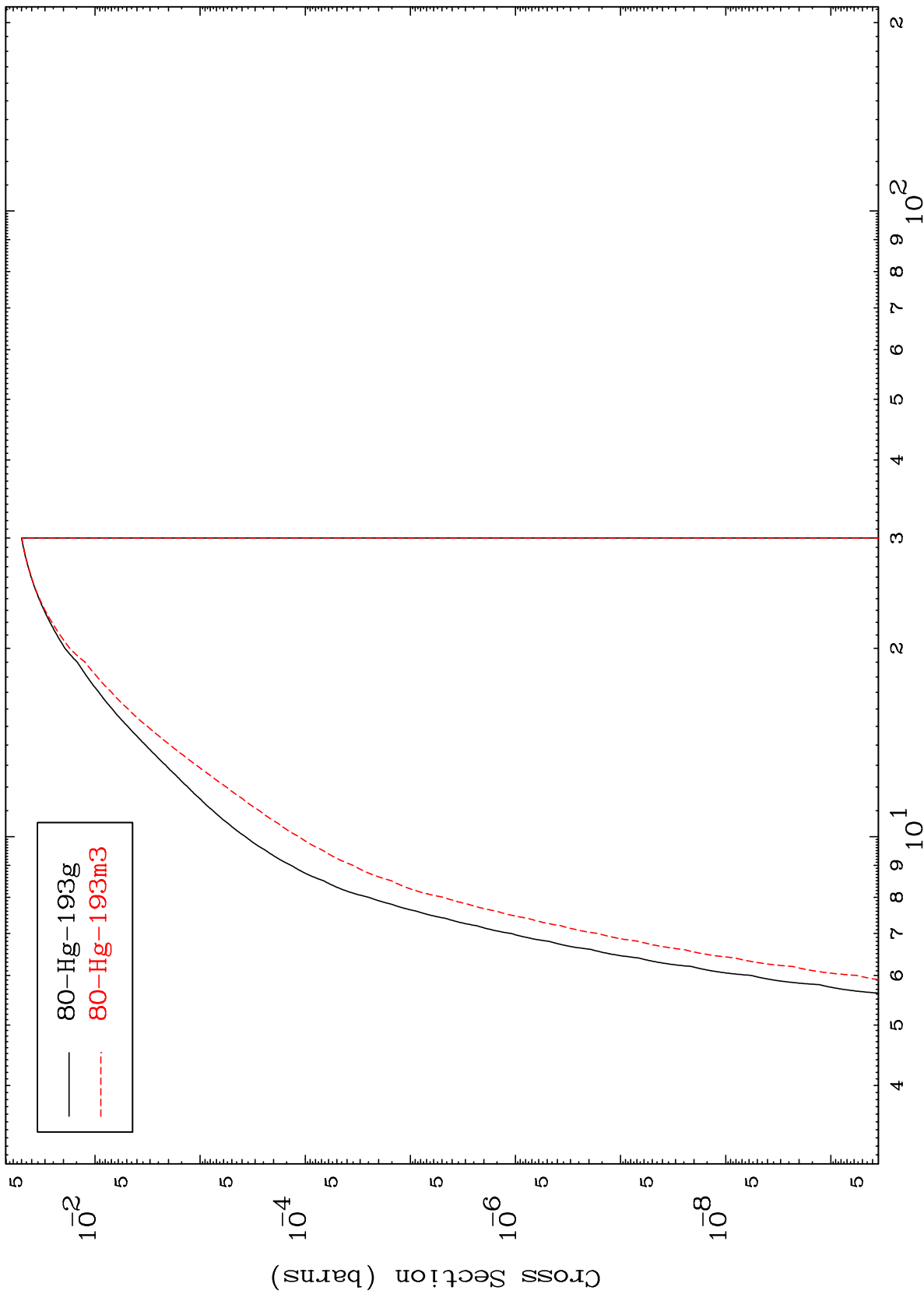
81-Tl-194

MAT 8098

(n,n') p

81-Tl-194

Radionuclide Production Cross Section



90

Incident Energy (MeV)

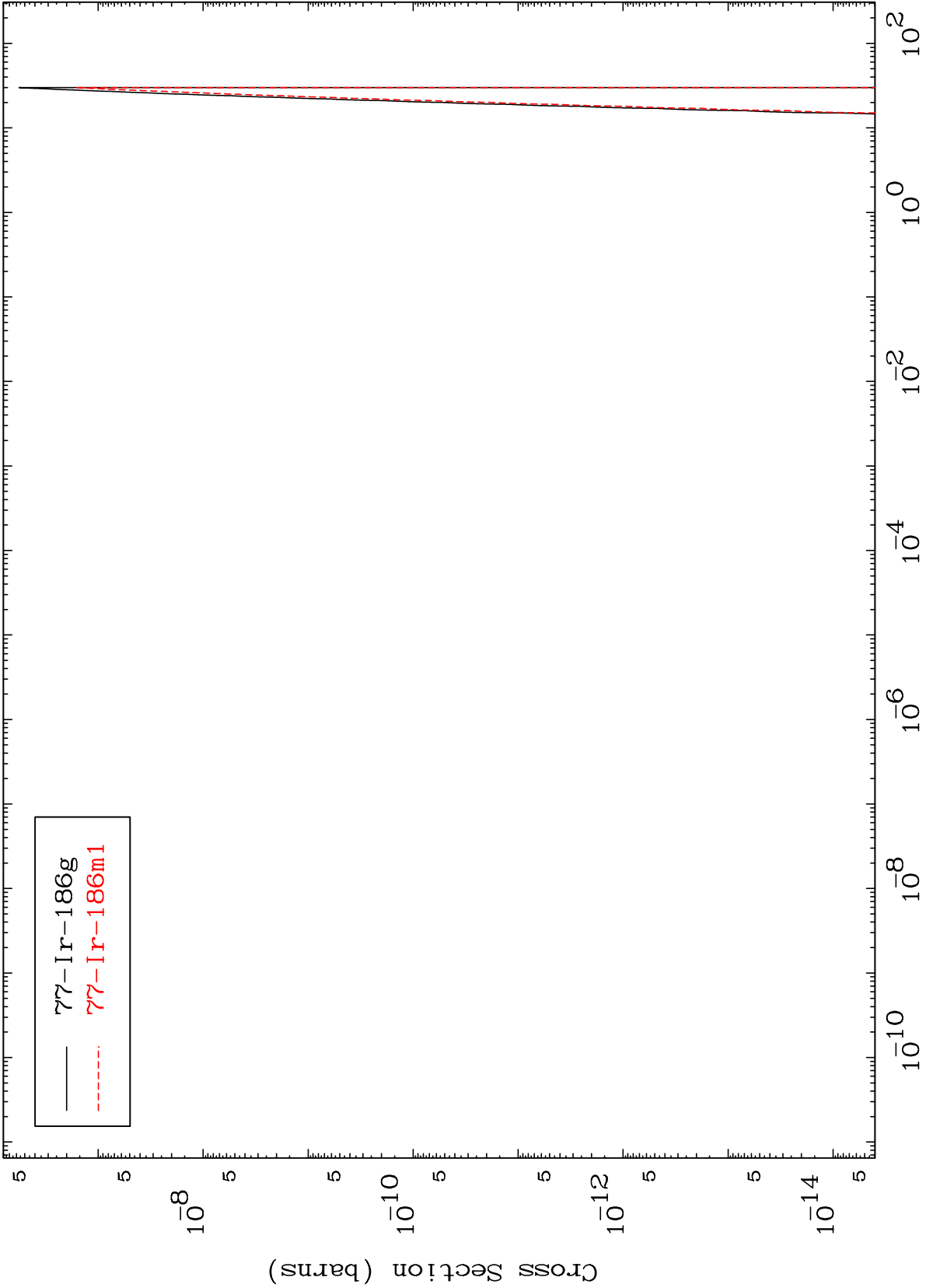
81-Tl-194

MAT 8098

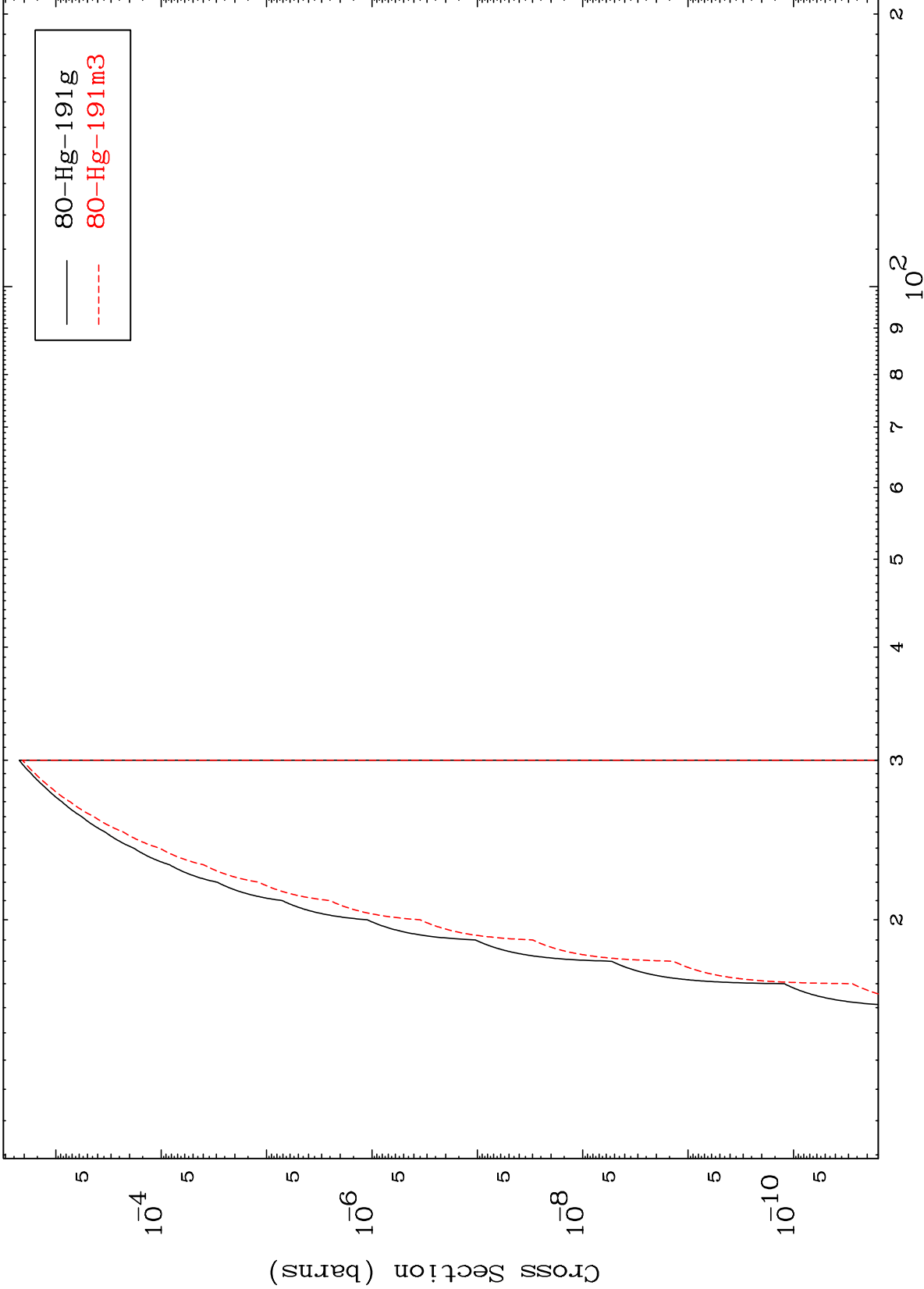
(n,n') 2α

81-Tl-194

Radionuclide Production Cross Section



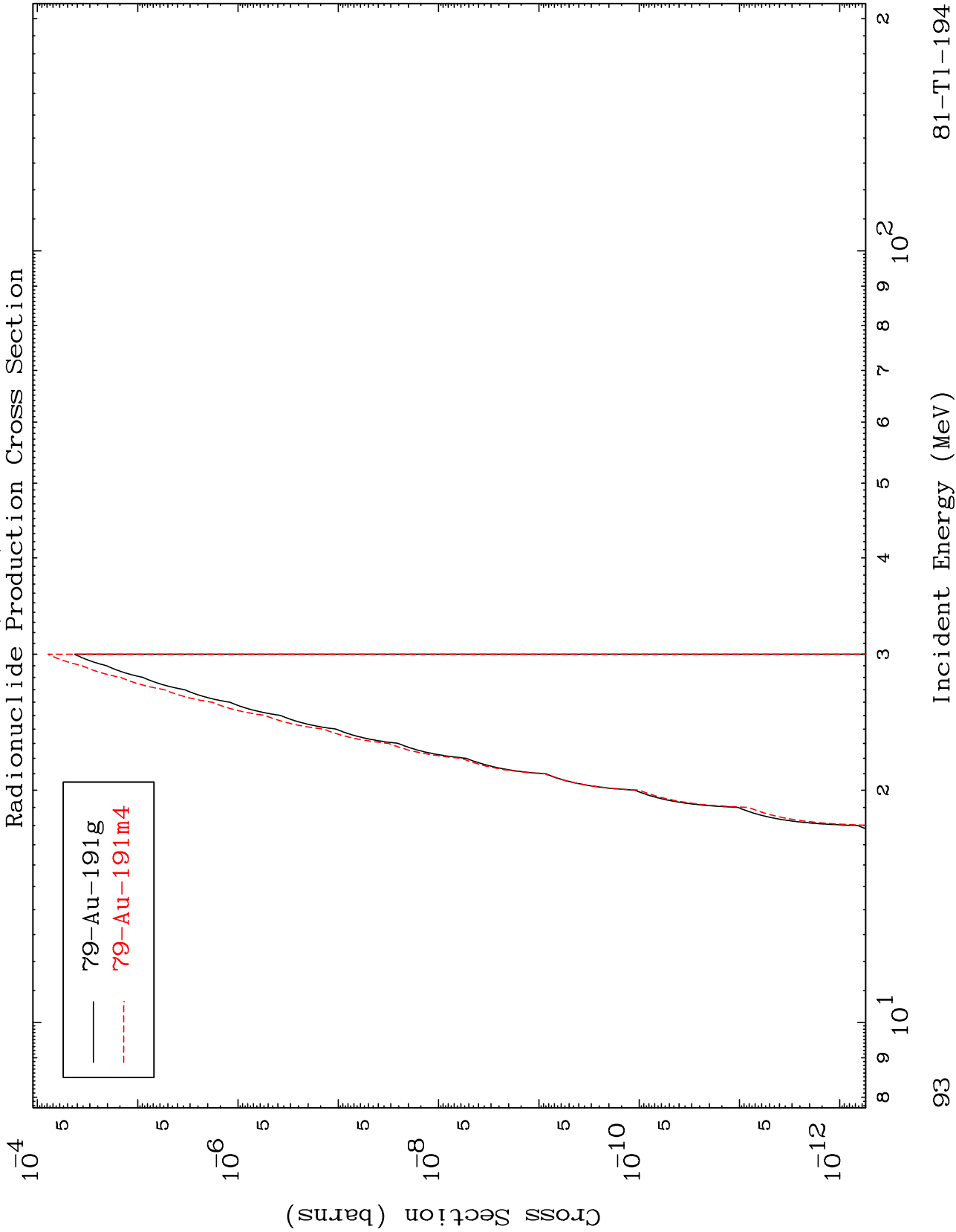
Radionuclide Production Cross Section



MAT 8098

(n,n') He-3

81-Tl-194



93

81-Tl-194

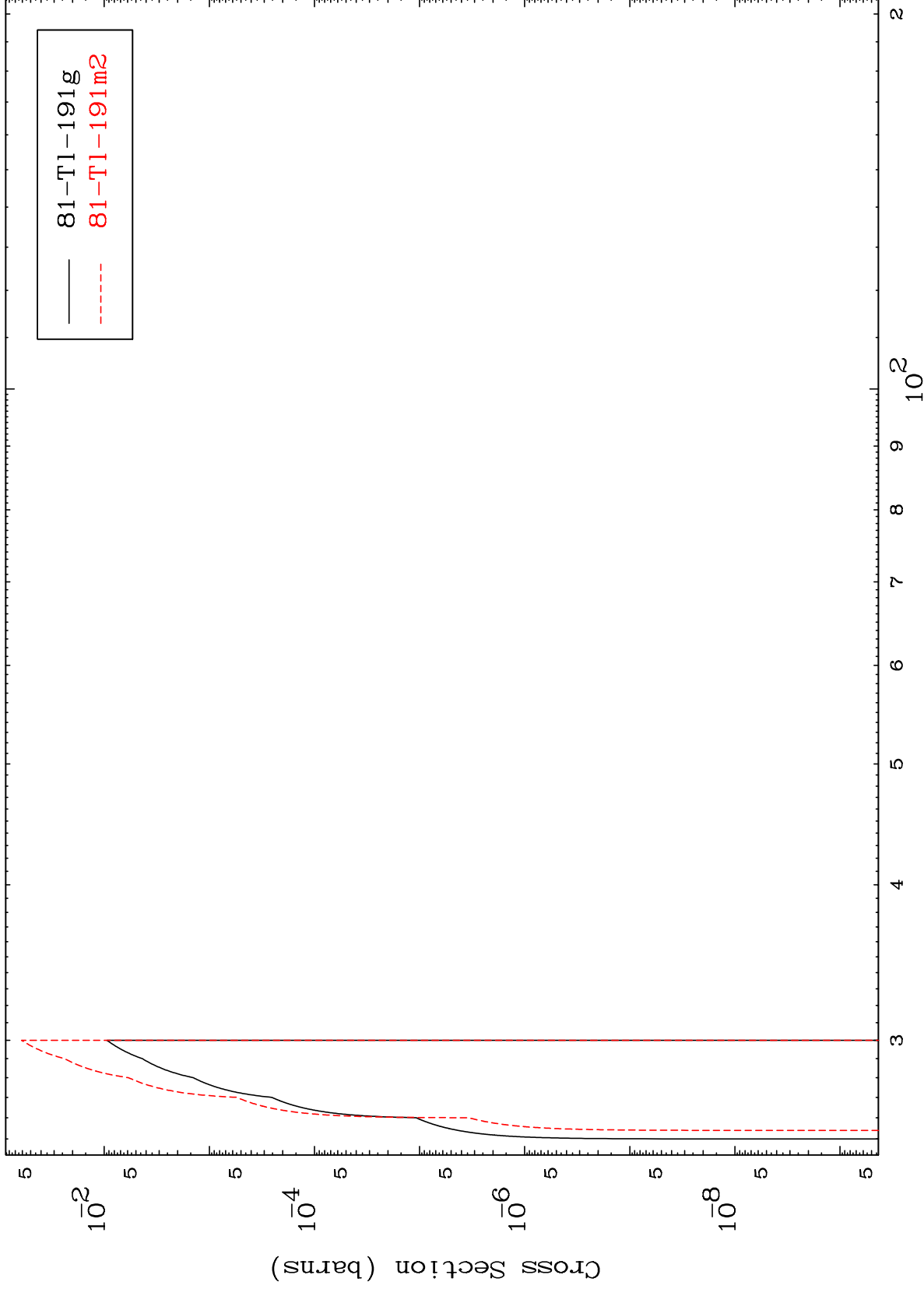
81-Tl-194

MAT 8098

(n,4n)

81-Tl-194

Radionuclide Production Cross Section



94

Incident Energy (MeV)

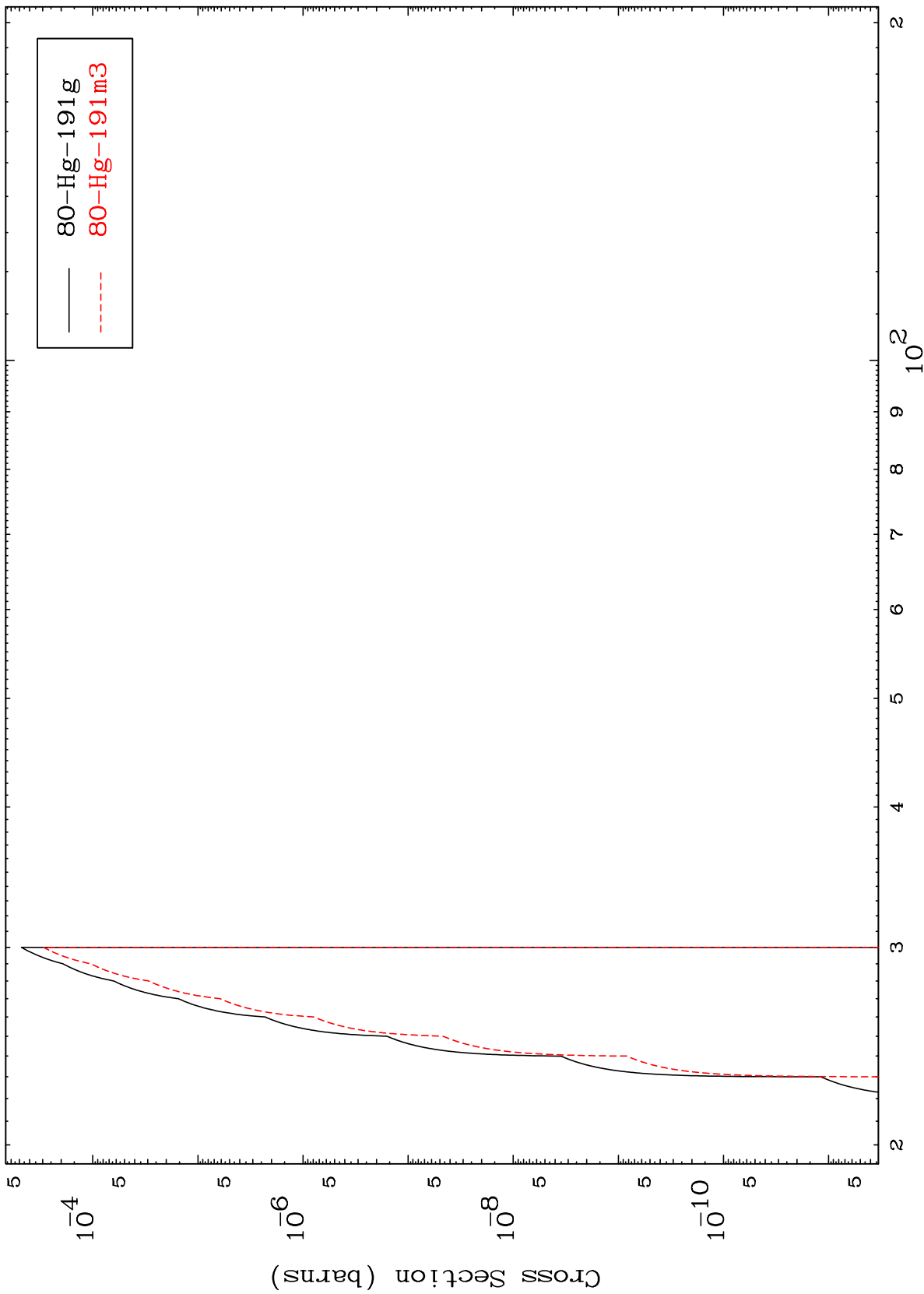
81-Tl-194

MAT 8098

(n,3n) p

81-Tl-194

Radionuclide Production Cross Section



95

Incident Energy (MeV)

81-Tl-194

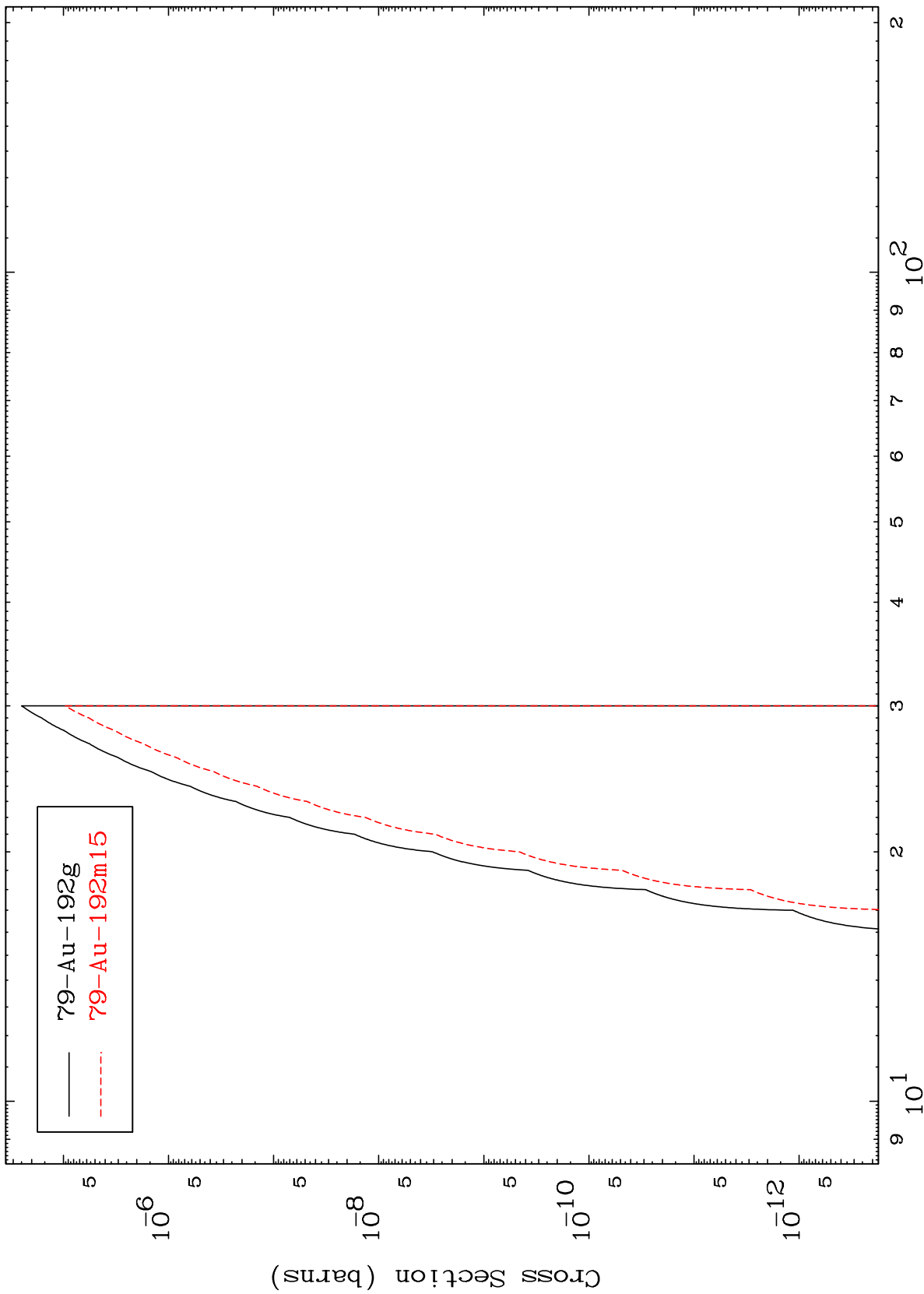


MAT 8098

(n,2n) p

81-Tl-194

Radionuclide Production Cross Section



79-Au-192g  
79-Au-192m15

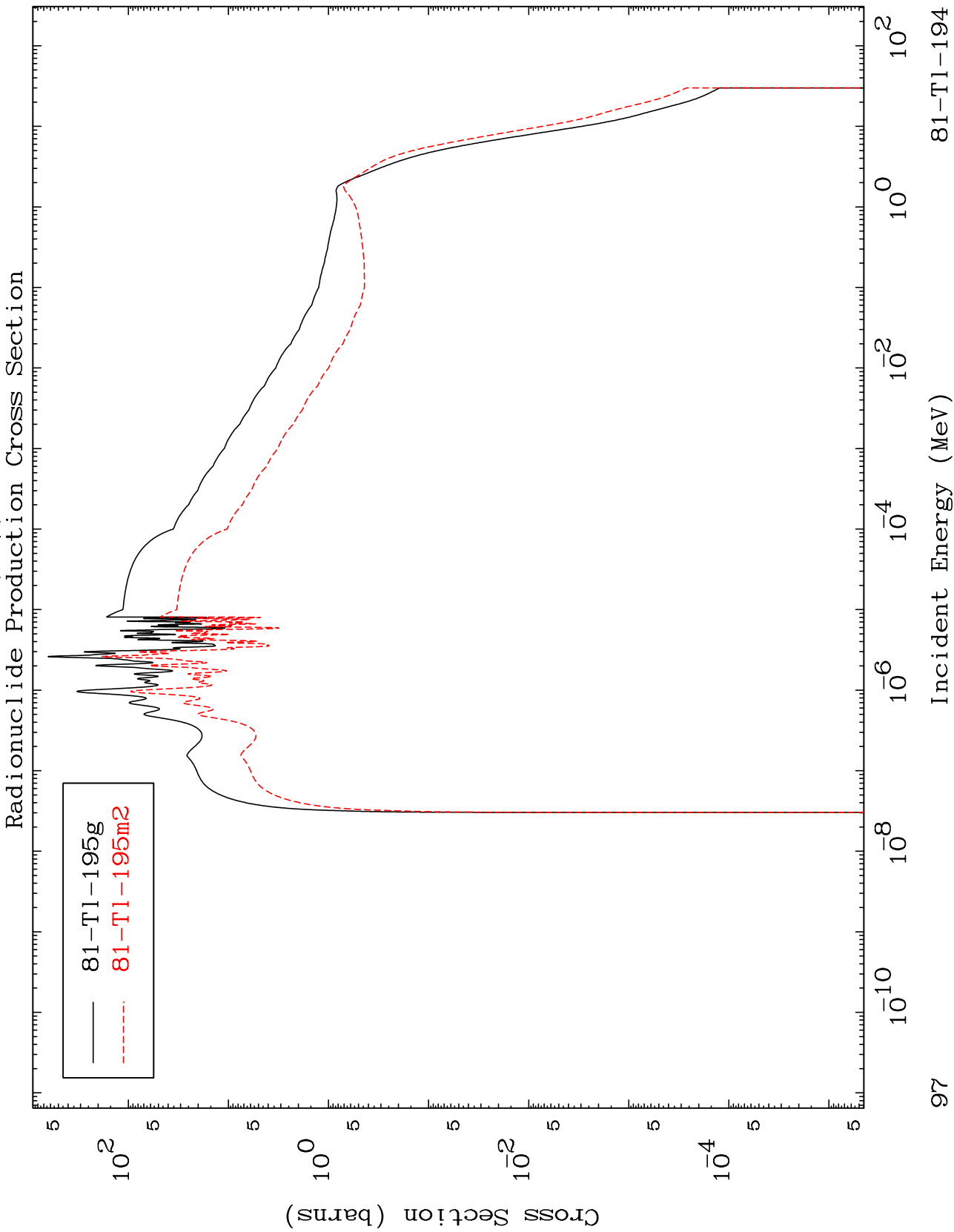
96

Incident Energy (MeV)

81-Tl-194

MAT 8098

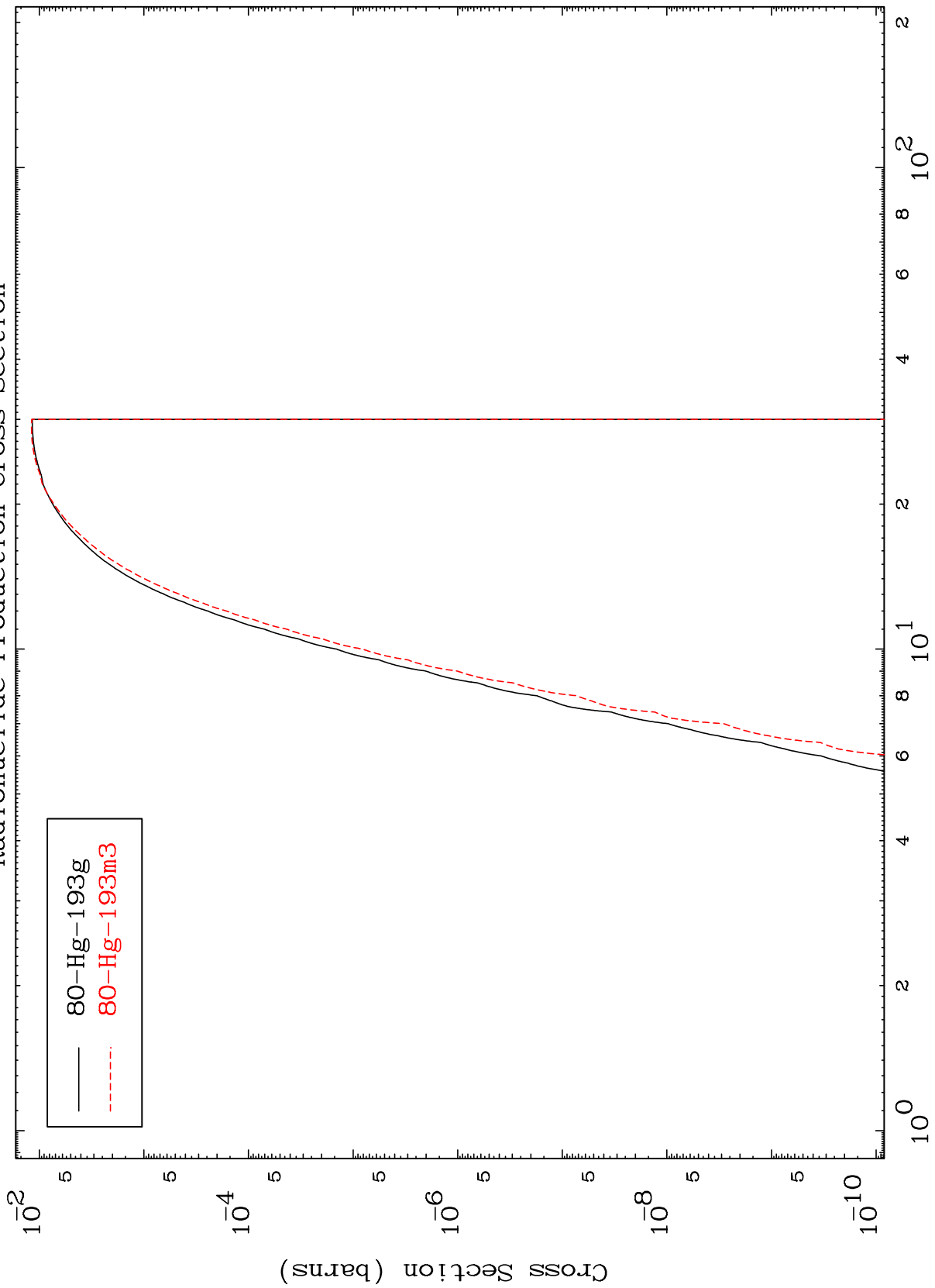
81-Tl-194



MAT 8098

81-Tl-194

(n,d)  
Radionuclide Production Cross Section



98

Incident Energy (MeV)

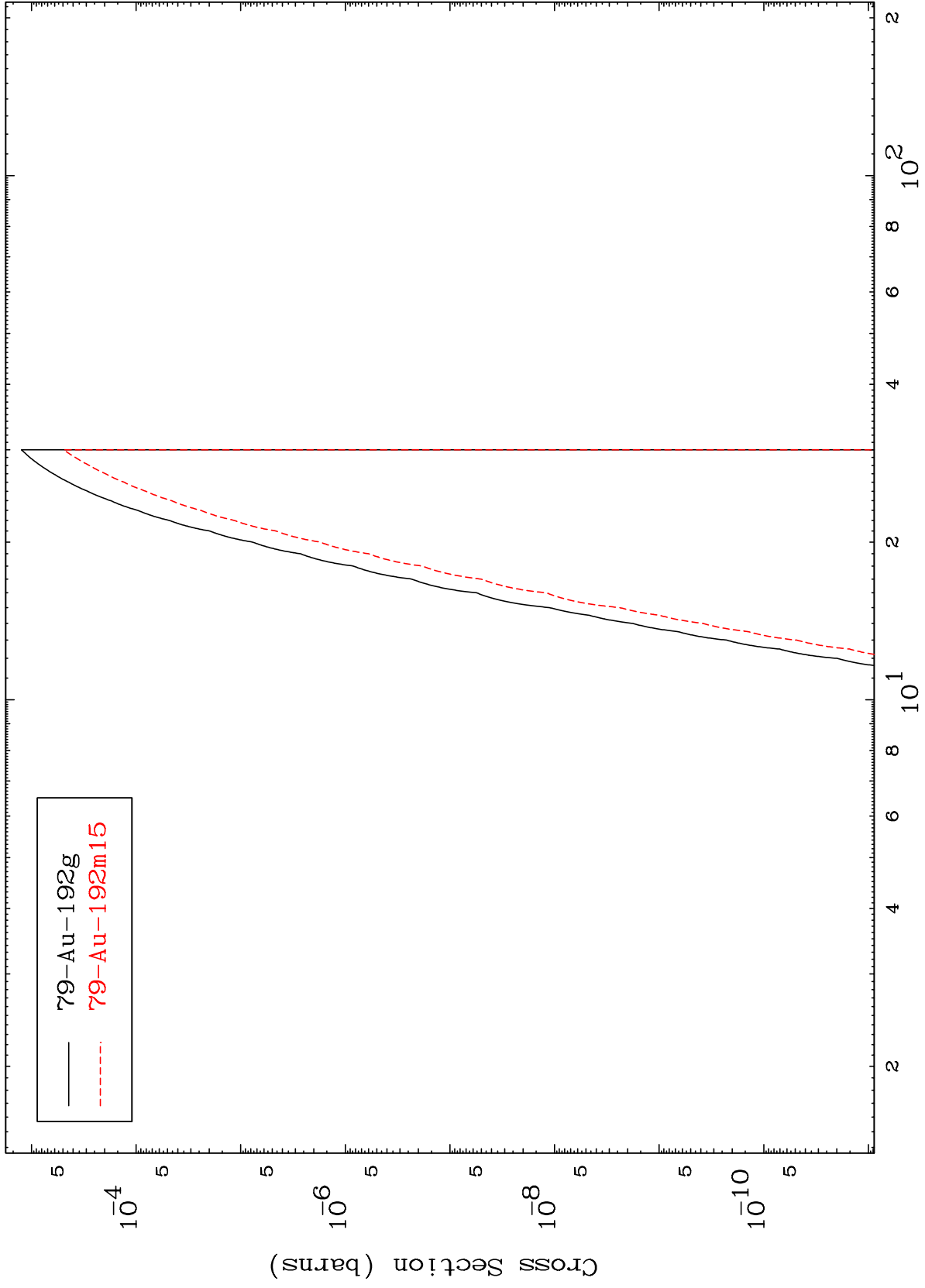
81-Tl-194

MAT 8098

(n,He-3)

81-Tl-194

Radionuclide Production Cross Section



—  $^{79}\text{Au-192g}$   
- - -  $^{79}\text{Au-192m15}$

99

Incident Energy (MeV)

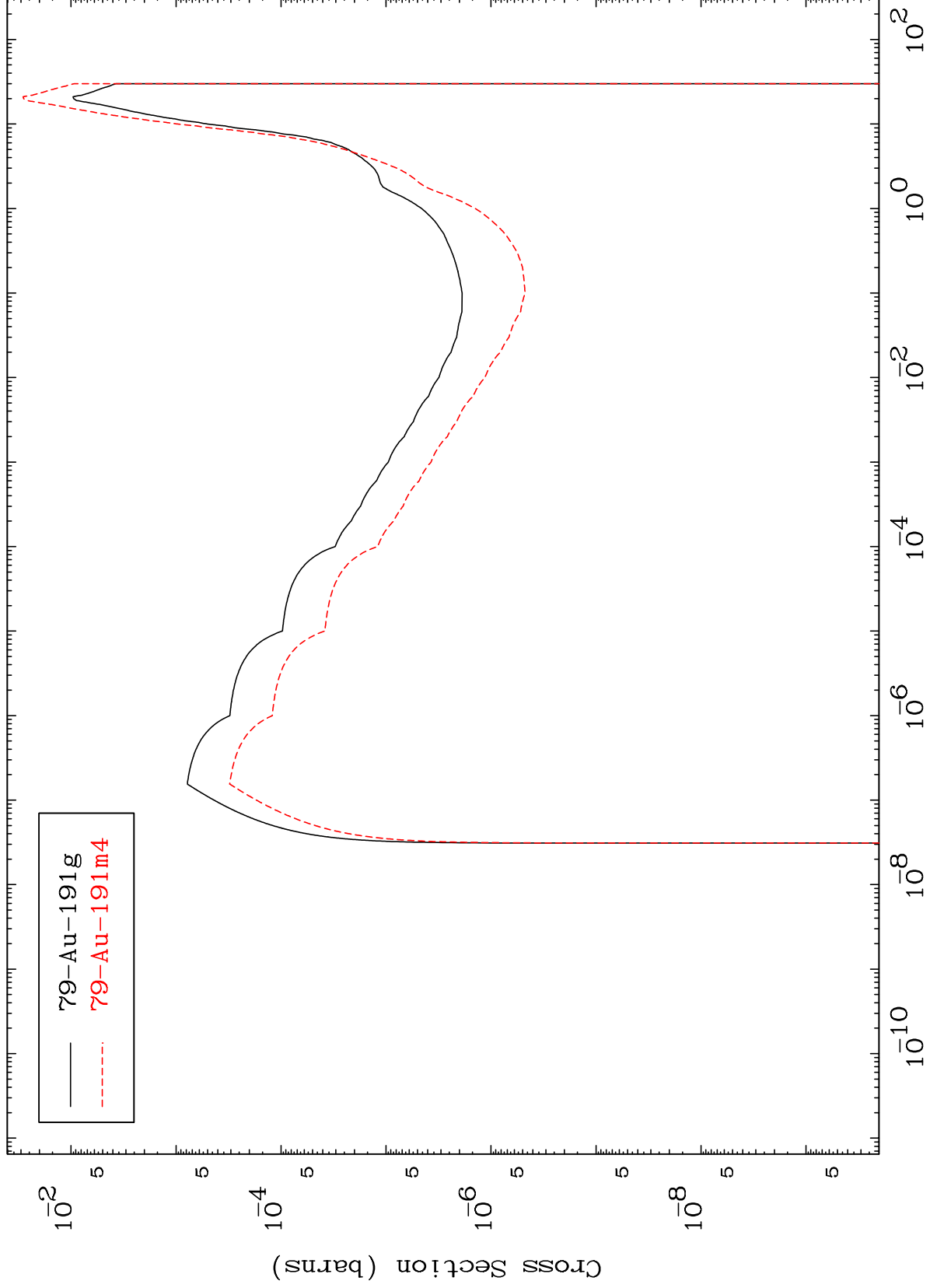
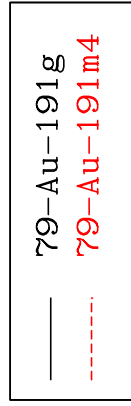
81-Tl-194

MAT 8098

(n,  $\alpha$ )

81-Tl-194

Radionuclide Production Cross Section



100

Incident Energy (MeV)

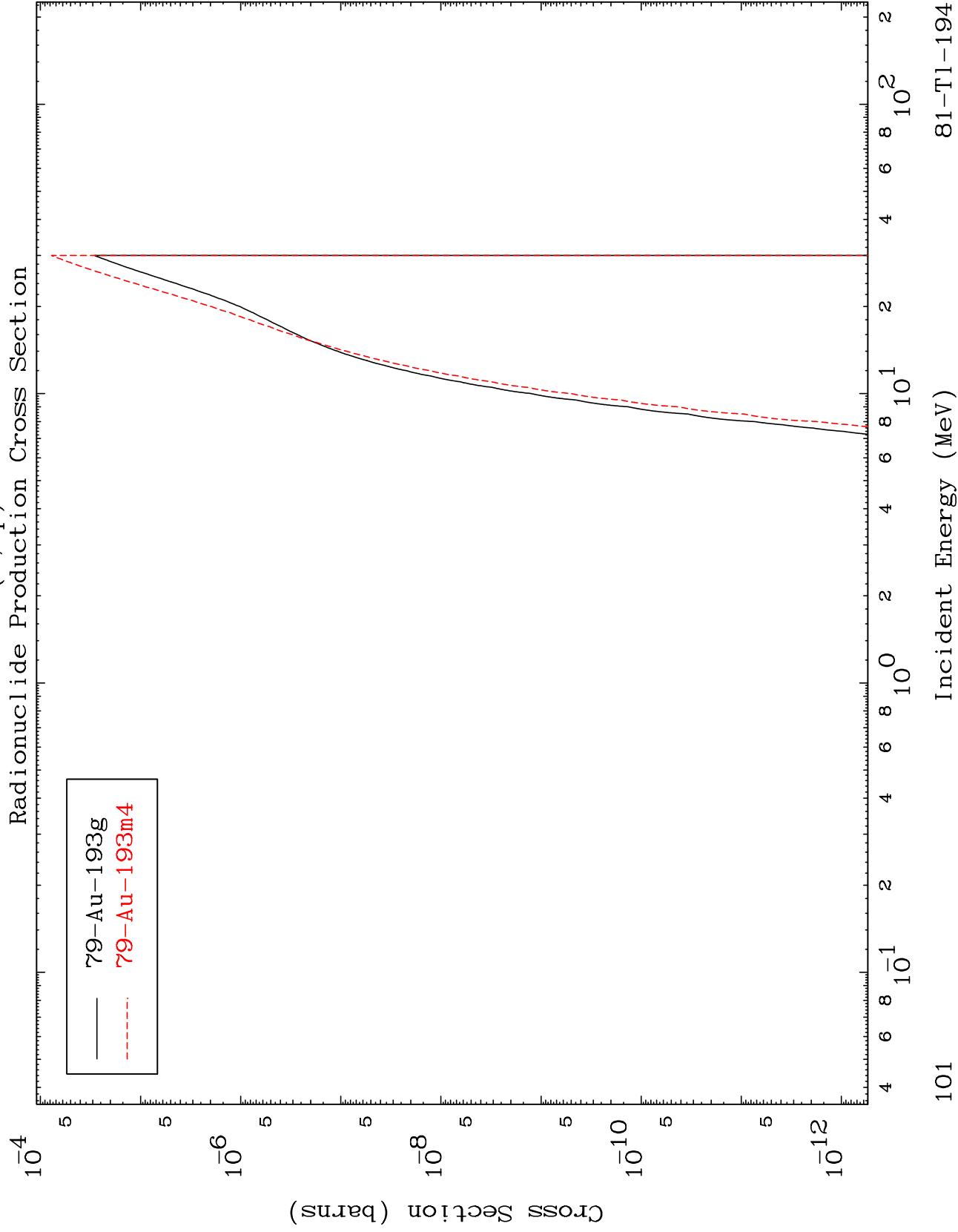
81-Tl-194

MAT 8098

81-Tl-194

(n,2p)

Radionuclide Production Cross Section



101

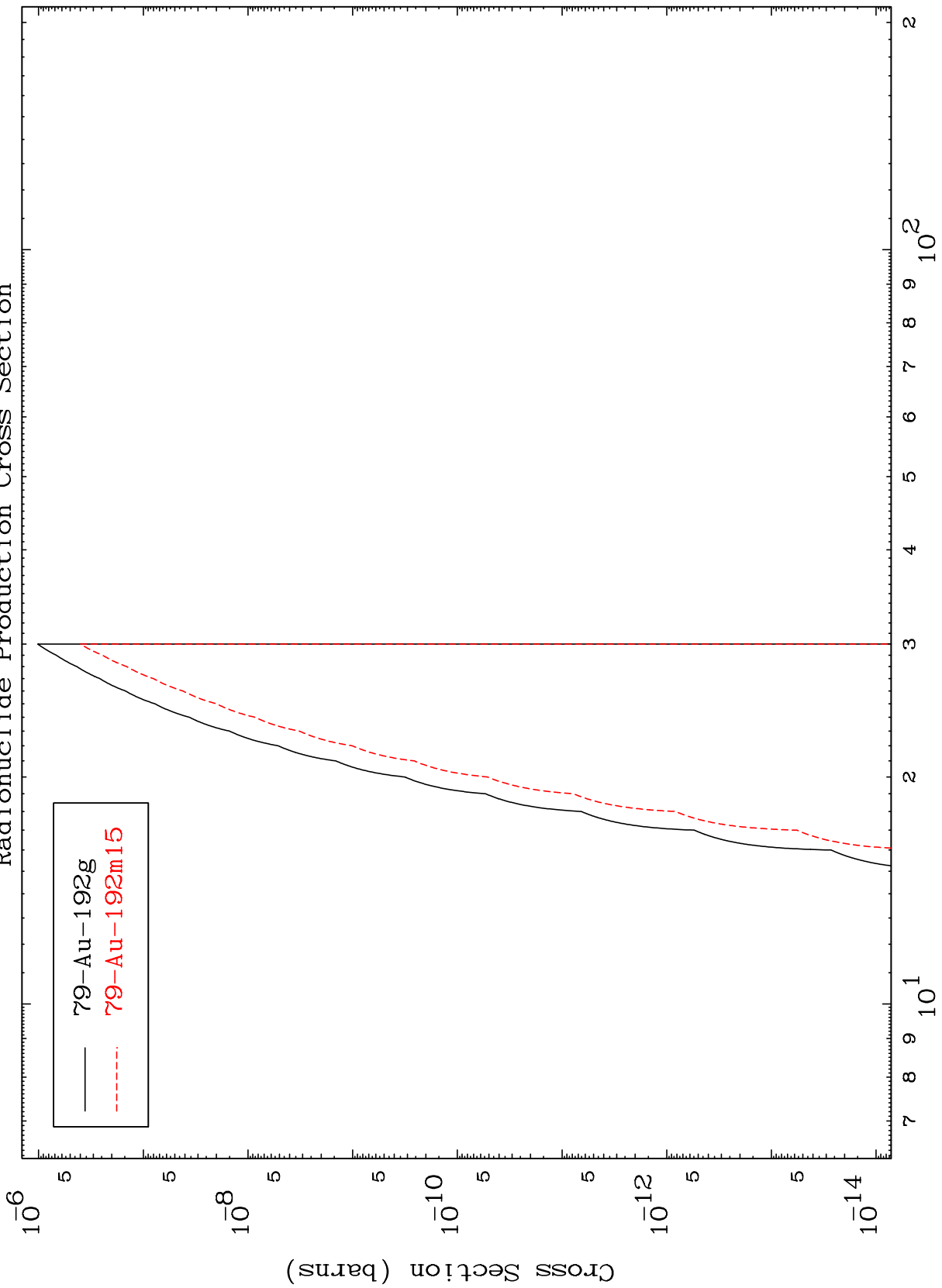
81-Tl-194

MAT 8098

(n,p) d

81-Tl-194

Radionuclide Production Cross Section



102

Incident Energy (MeV)

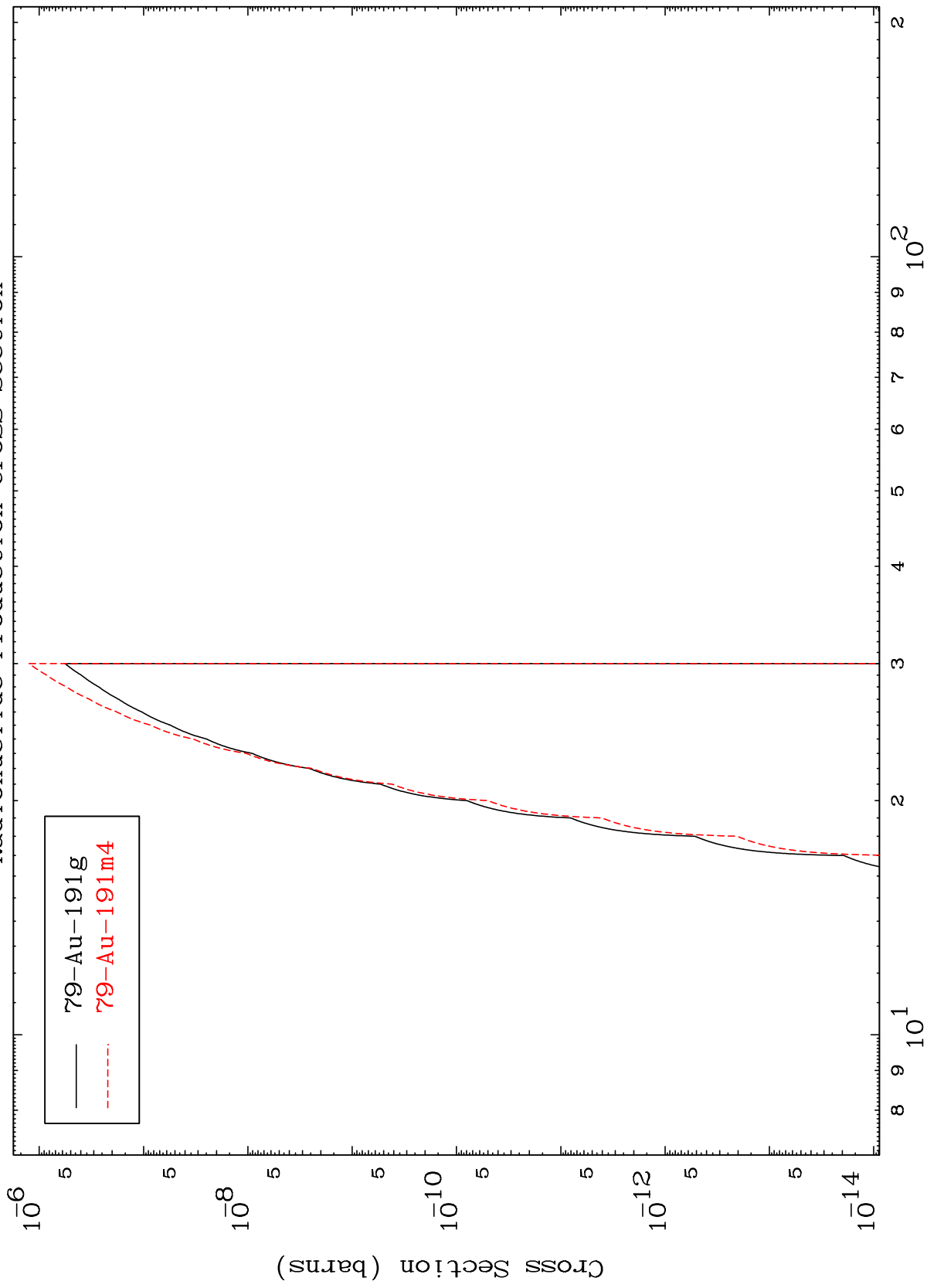
81-Tl-194

MAT 8098

(n,p) t

81-Tl-194

Radionuclide Production Cross Section



103

Incident Energy (MeV)

81-Tl-194