

Program EVALPLOT  
(Version 2021-1)

by

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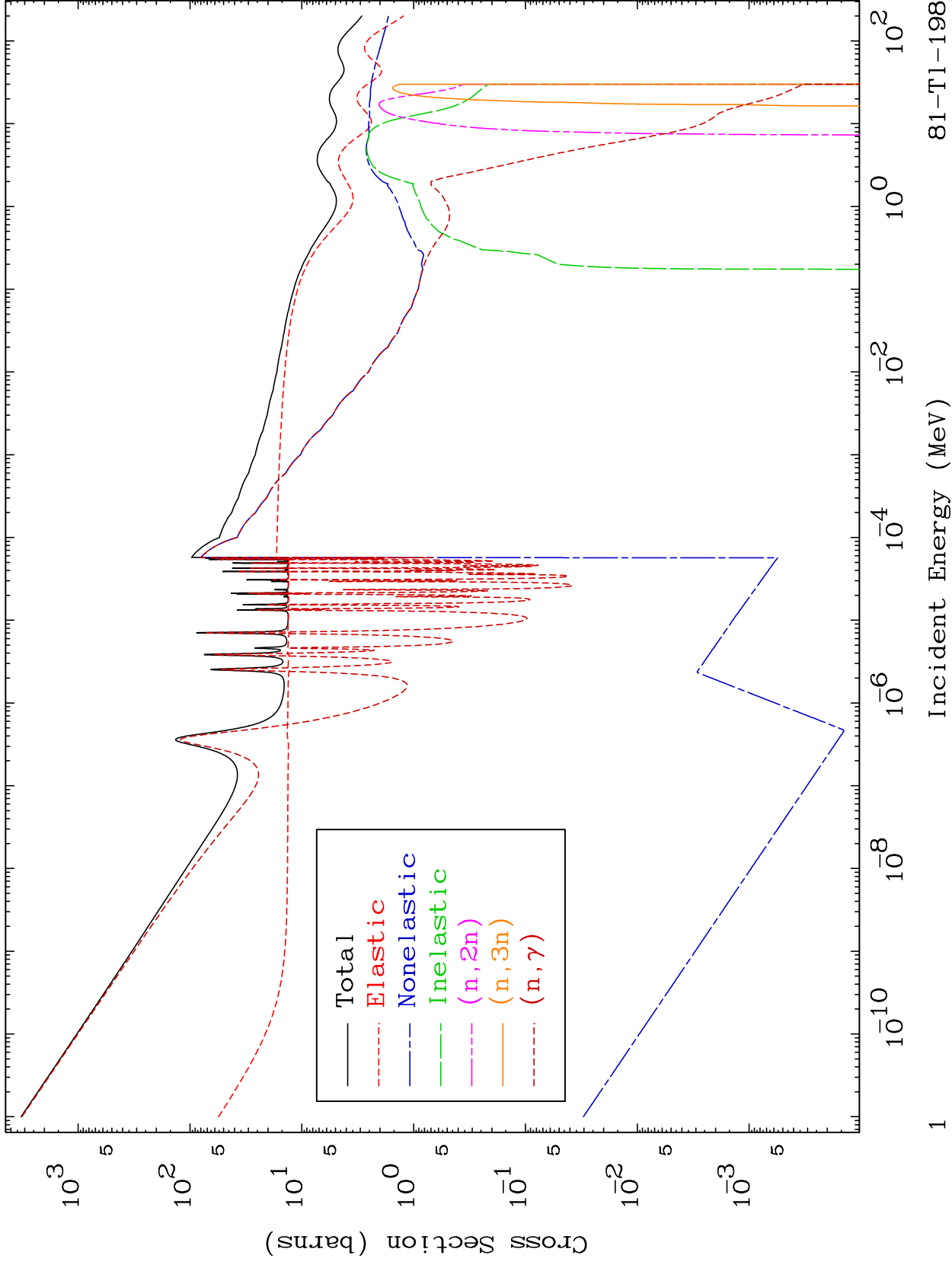
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Press Mouse Button to Start

MAT 8110

Neutron Major  
293 Kelvin Cross Sections

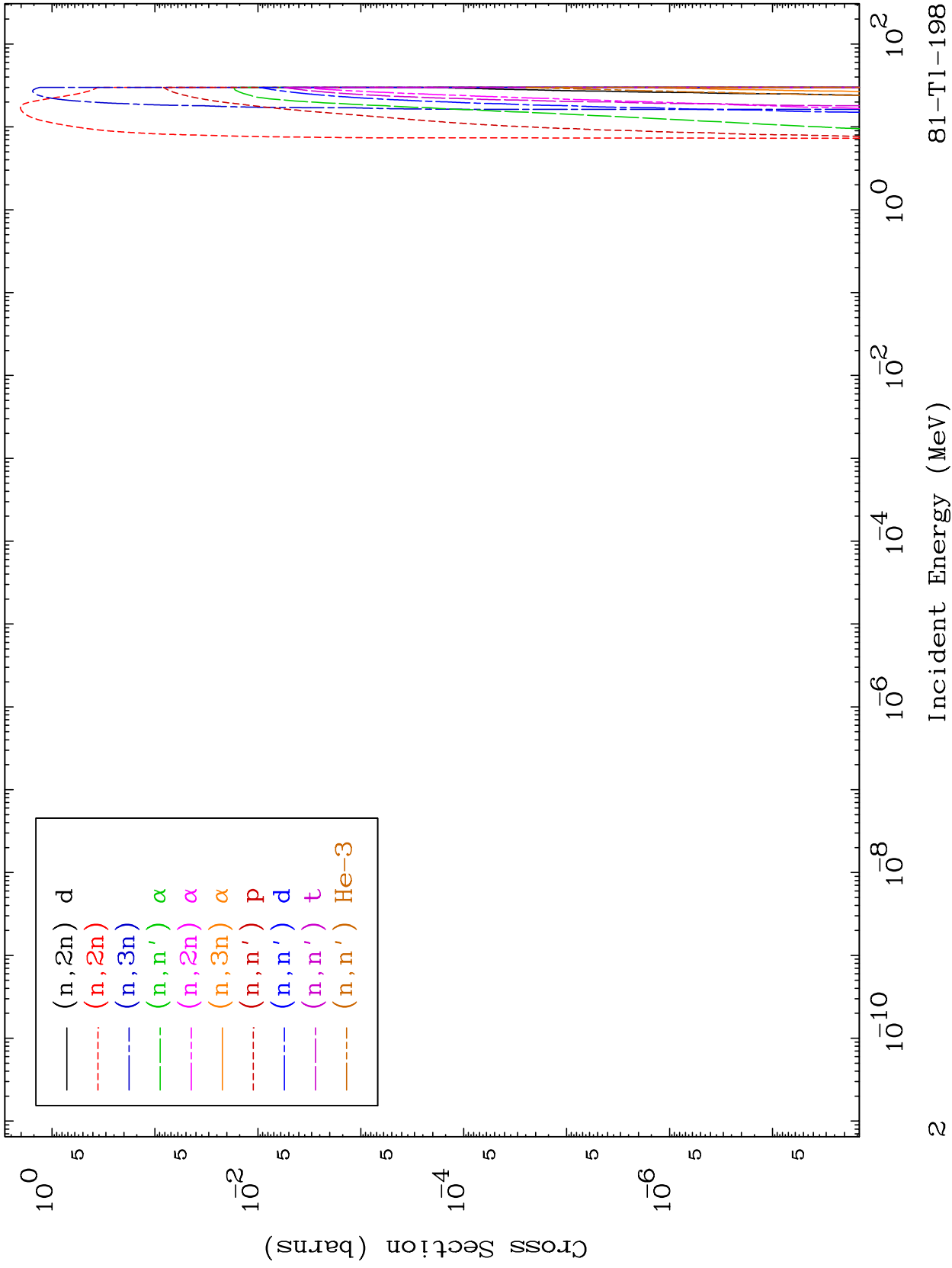
81-Tl-198

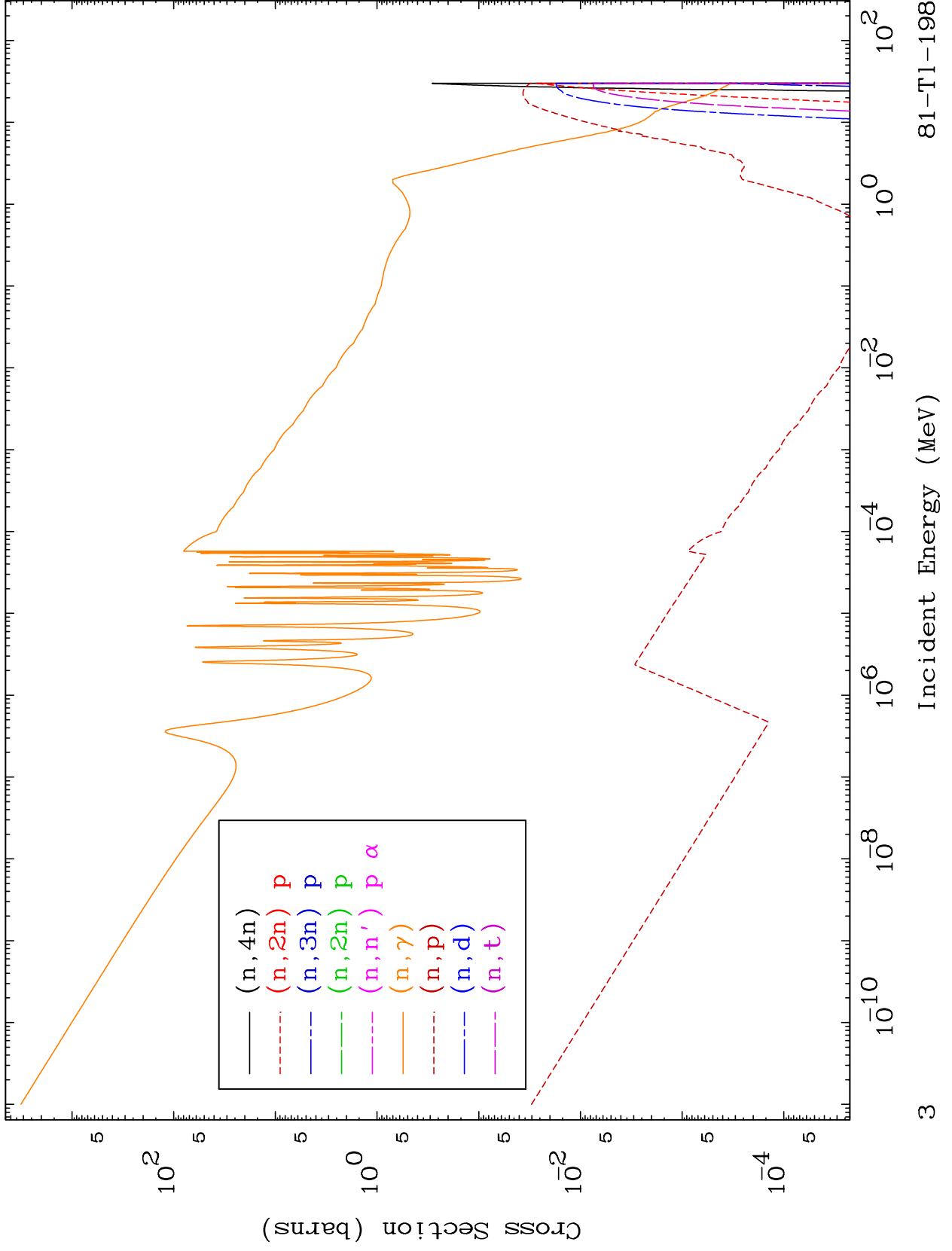


MAT 8110

Neutron Absorption  
293 Kelvin Cross Sections

81-Tl-198

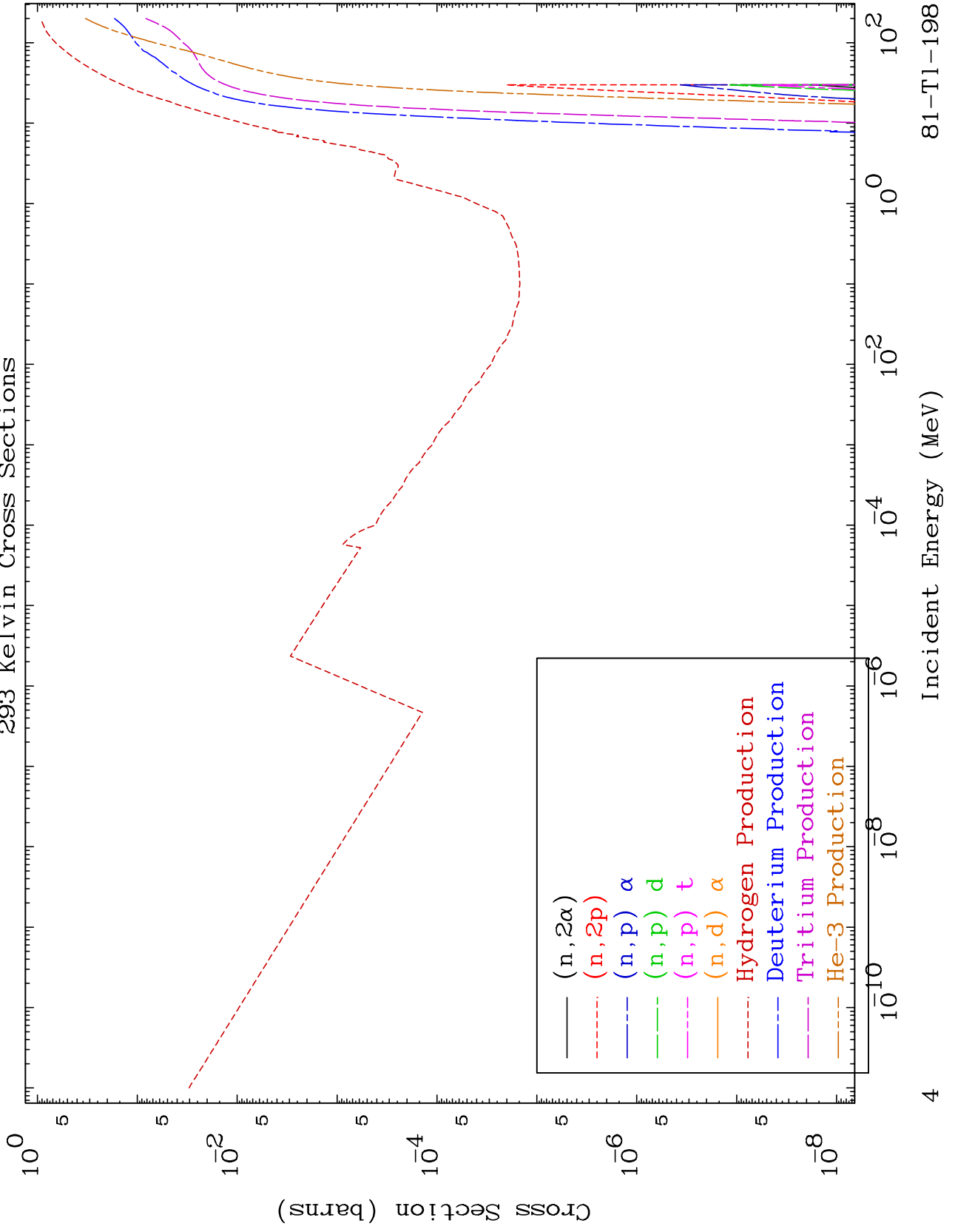




MAT 8110

Neutron Absorption  
293 Kelvin Cross Sections

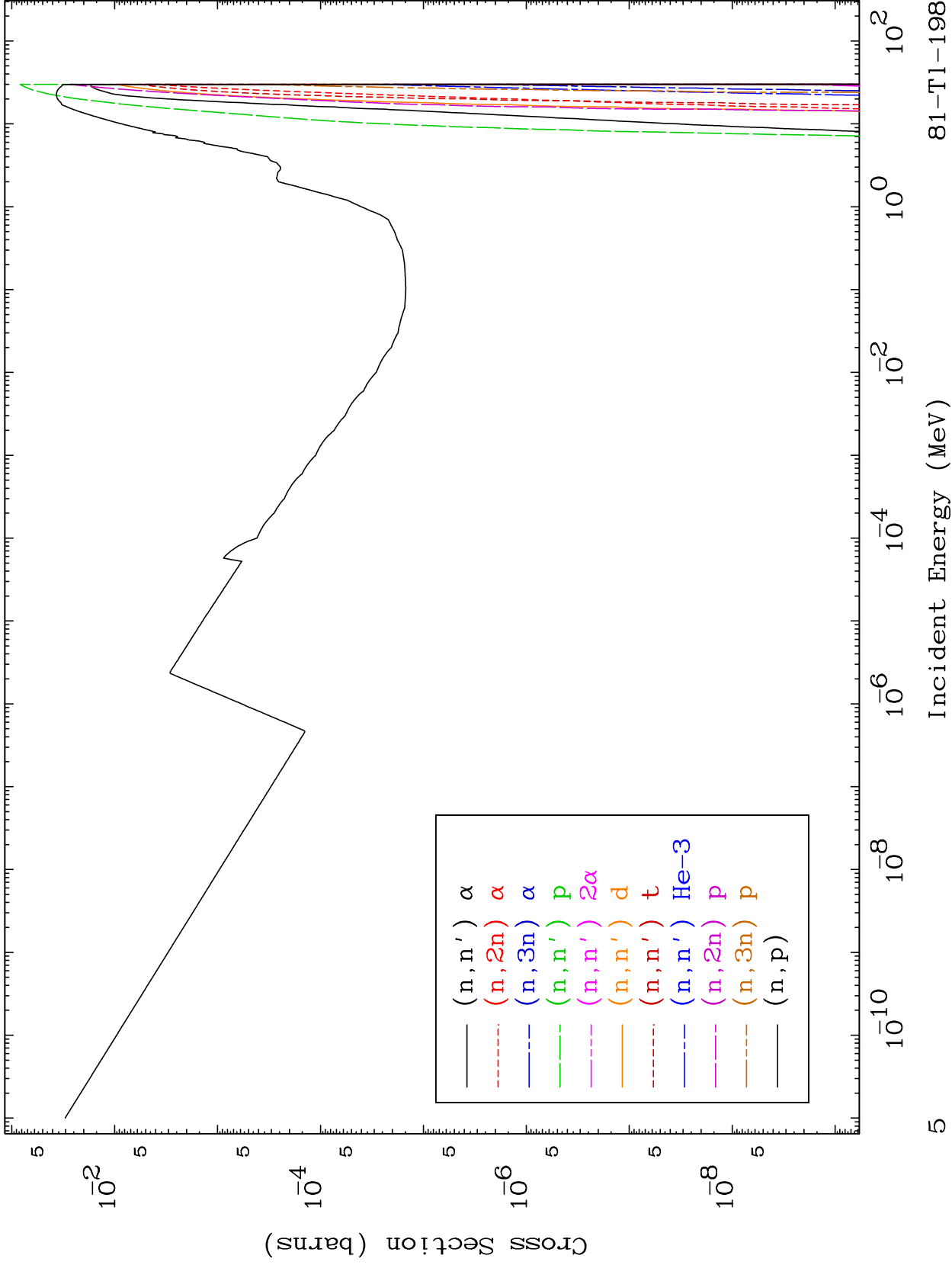
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MAT 8110

Charged Particle  
293 Kelvin Cross Sections

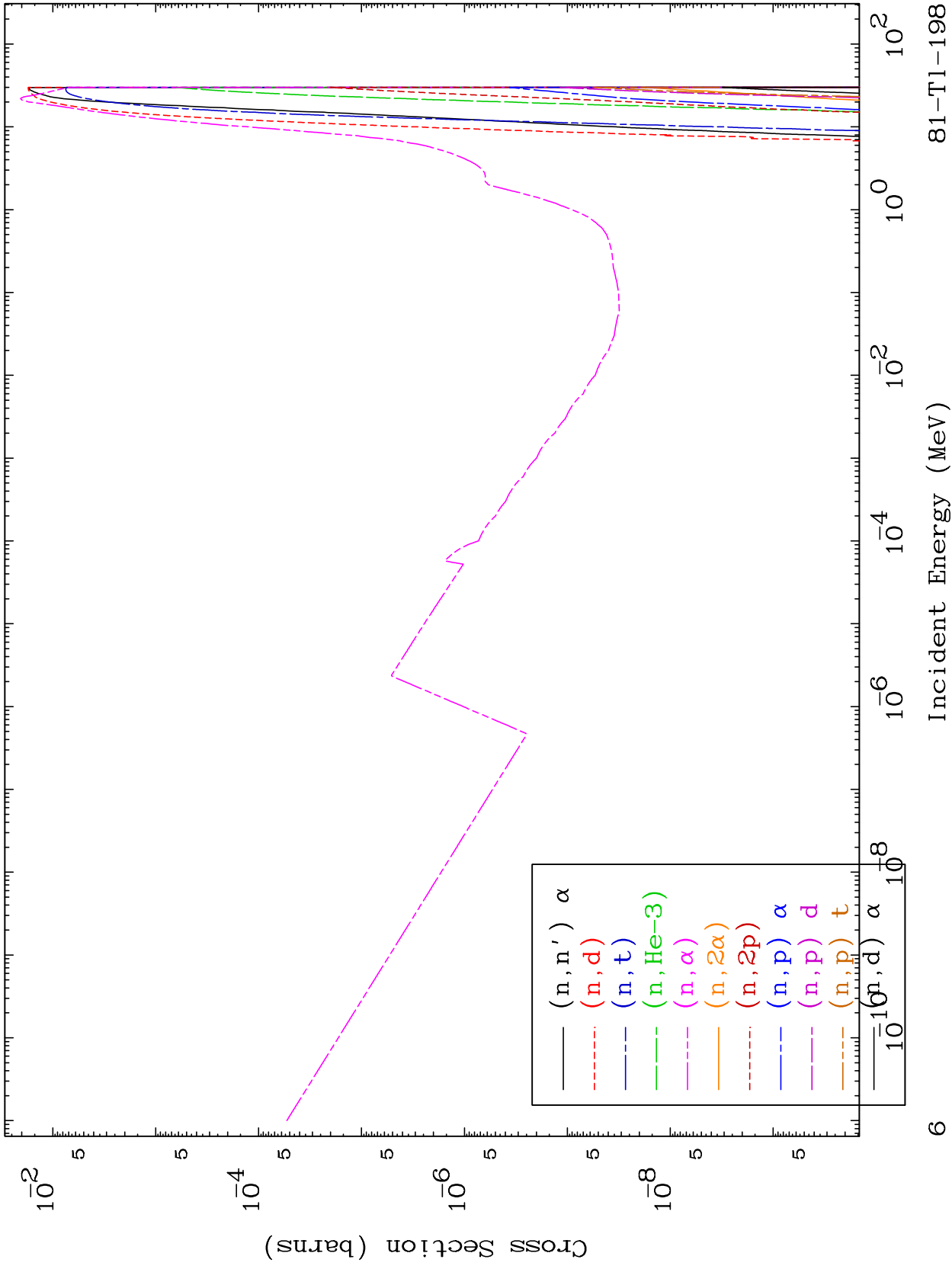
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MAT 8110

Charged Particle  
293 Kelvin Cross Sections

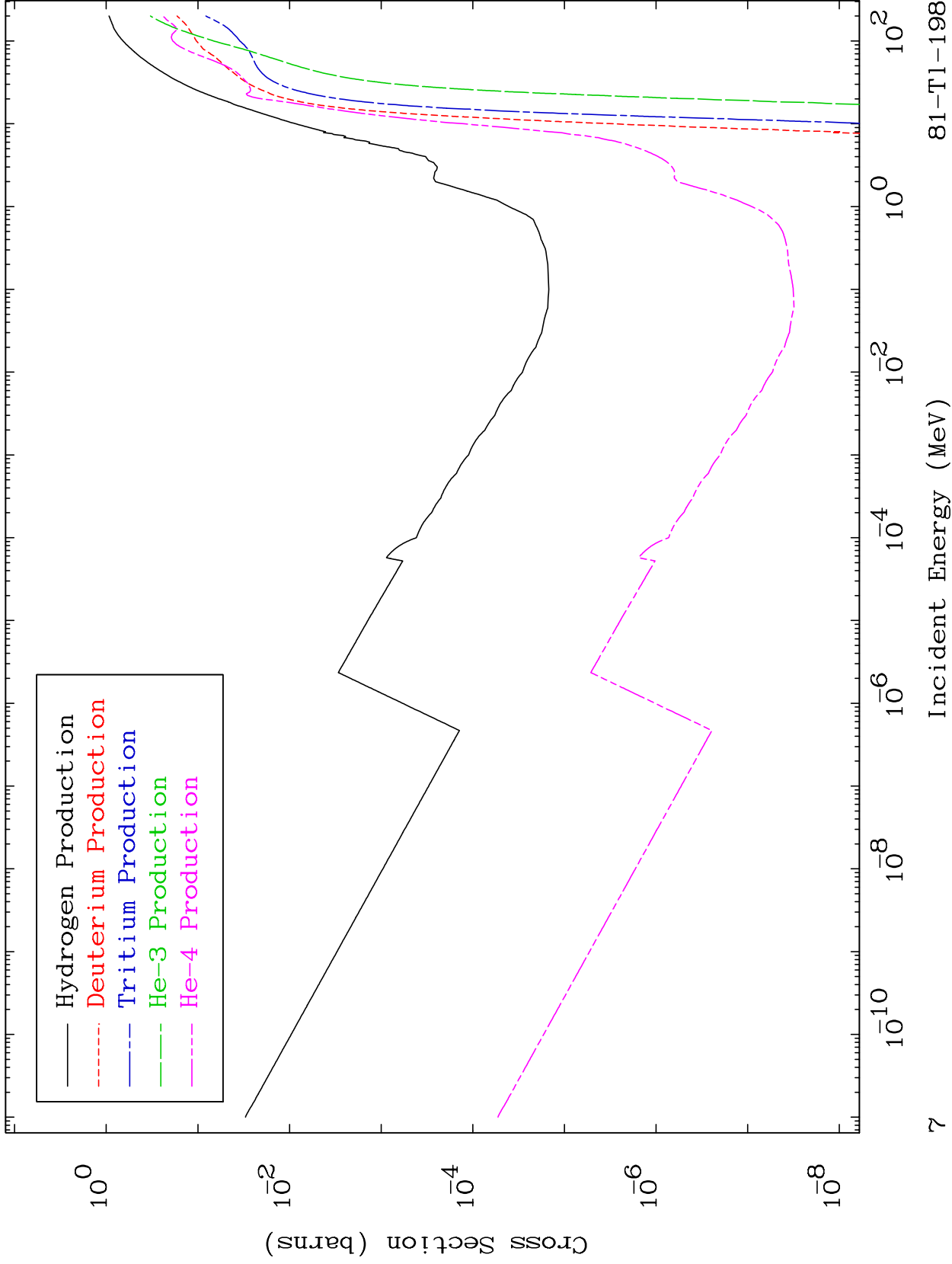
81-Tl-198



MAT 8110

Particle Production  
293 Kelvin Cross Sections

81-T1-198



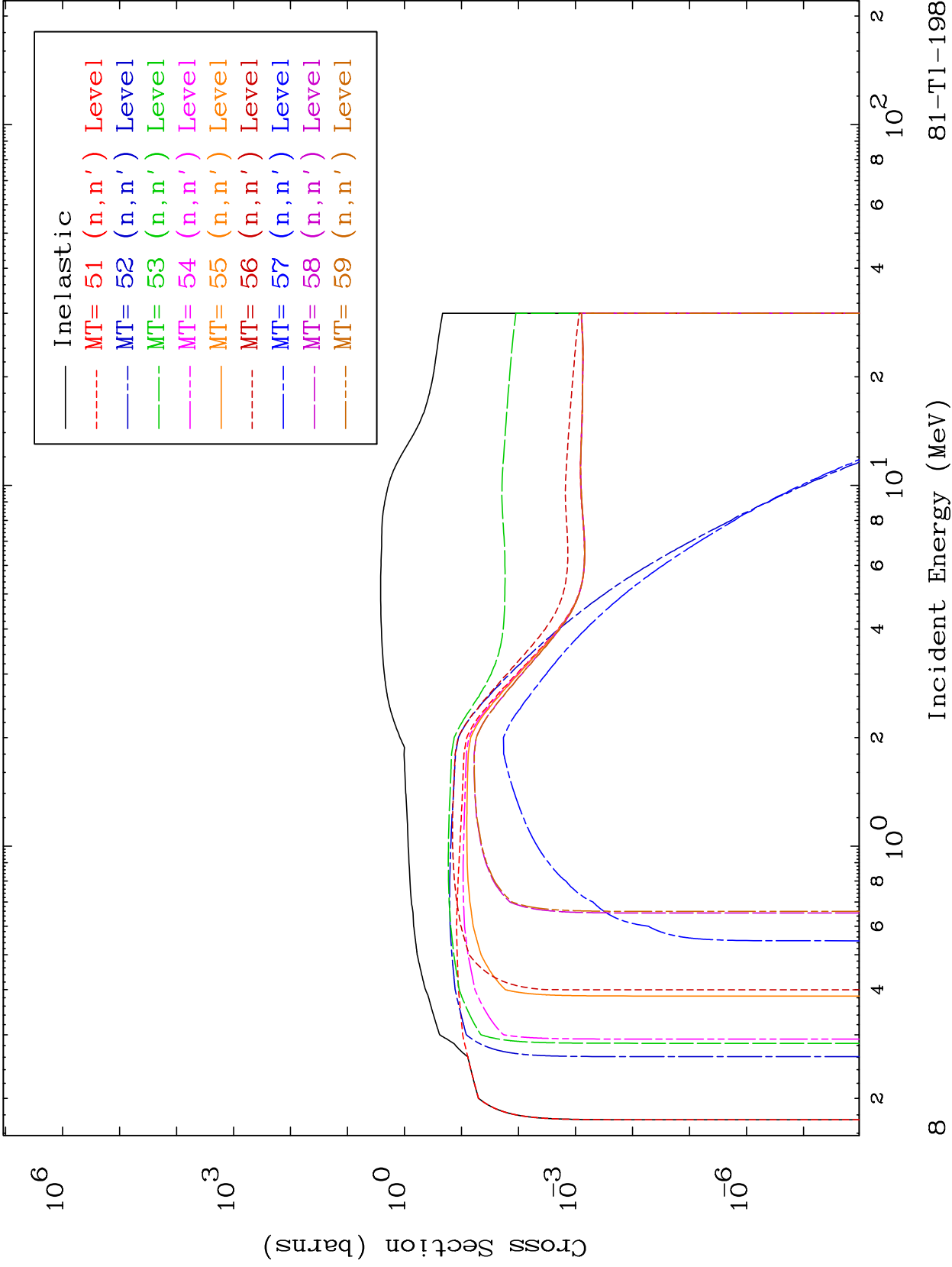


MAT 8110

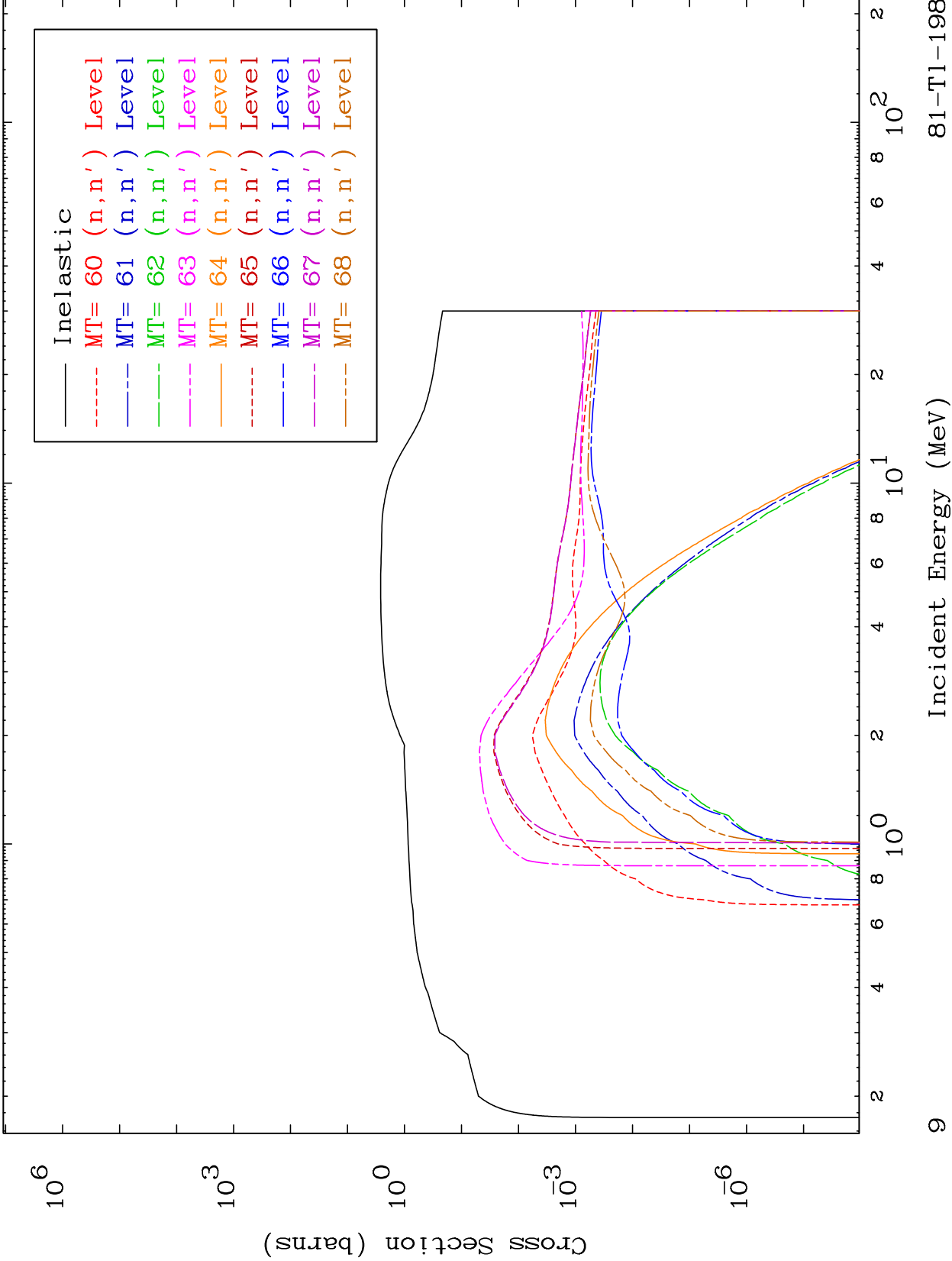
(n,n') Levels

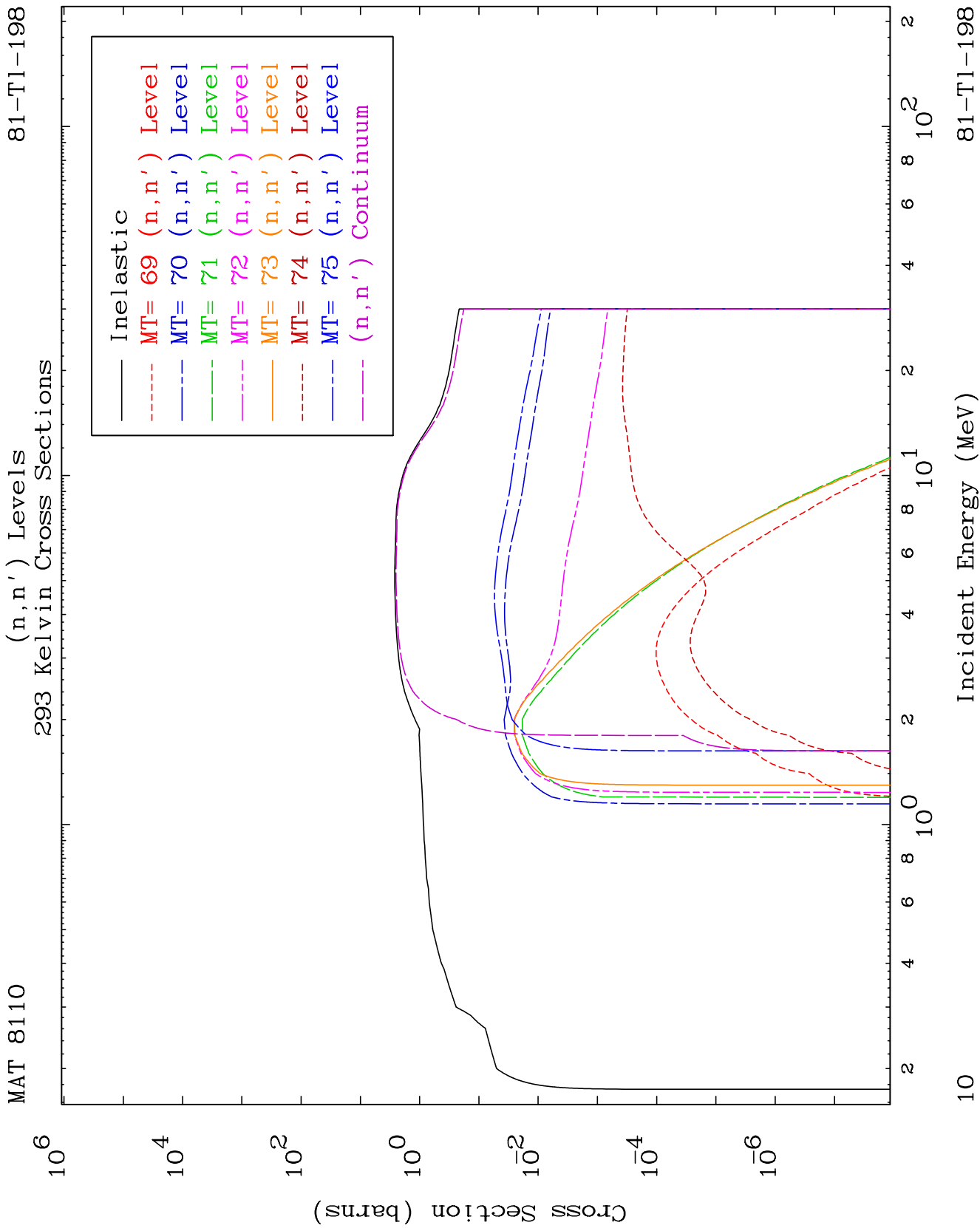
293 Kelvin Cross Sections

81-Tl-198



293 Kelvin Cross Sections

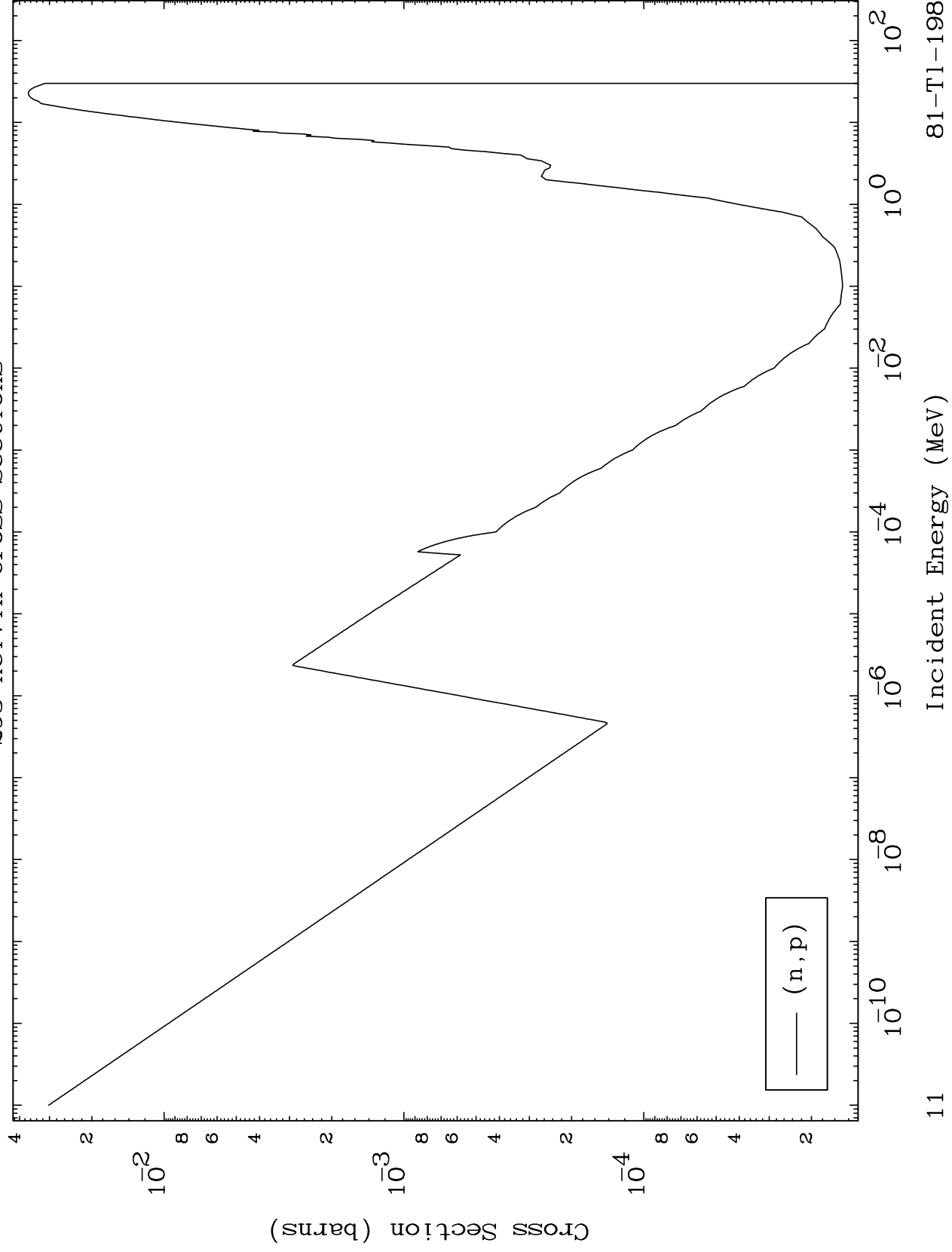




MAT 8110

(n,p) Levels  
293 Kelvin Cross Sections

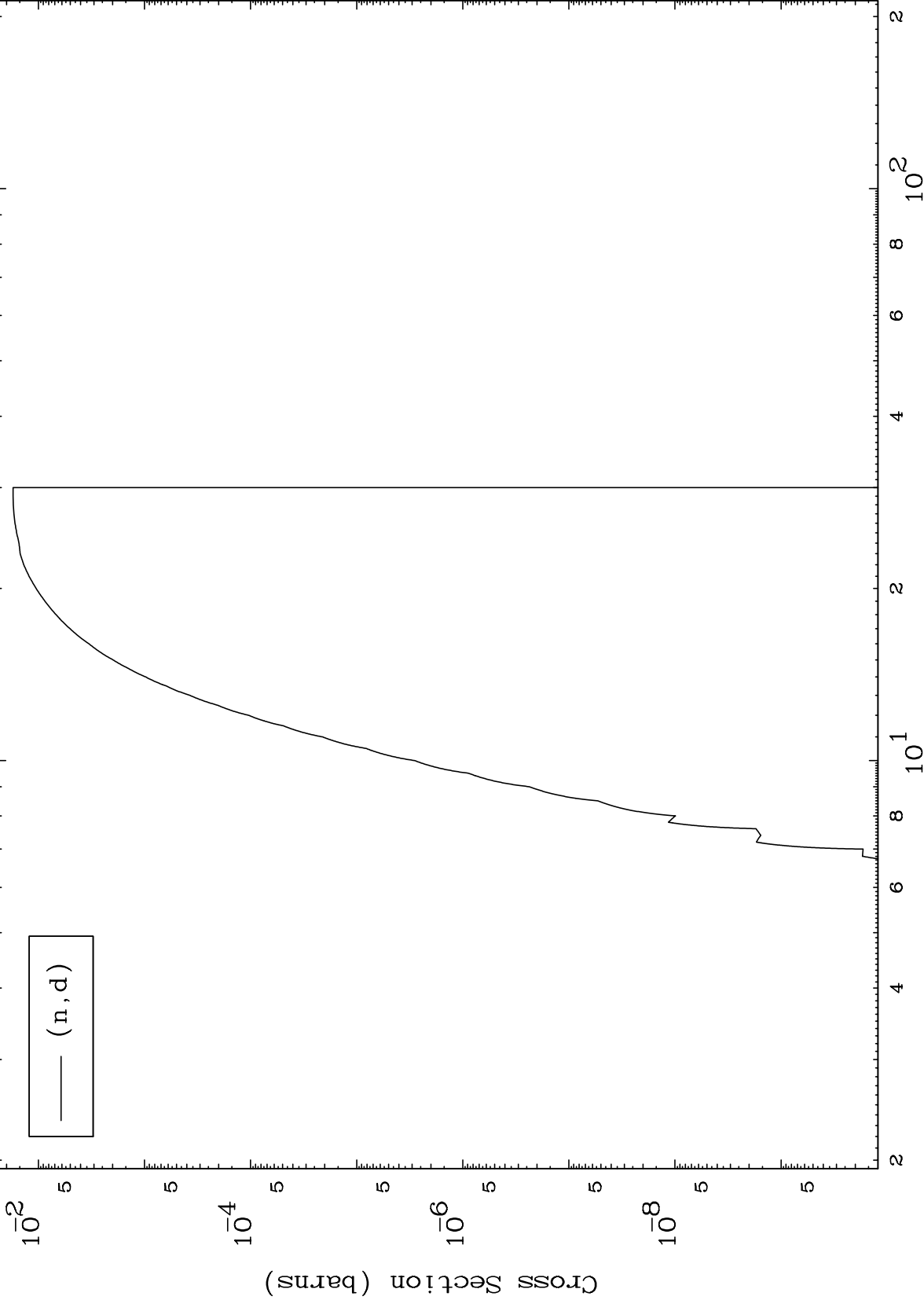
81-Tl-198



MAT 8110

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-198



12

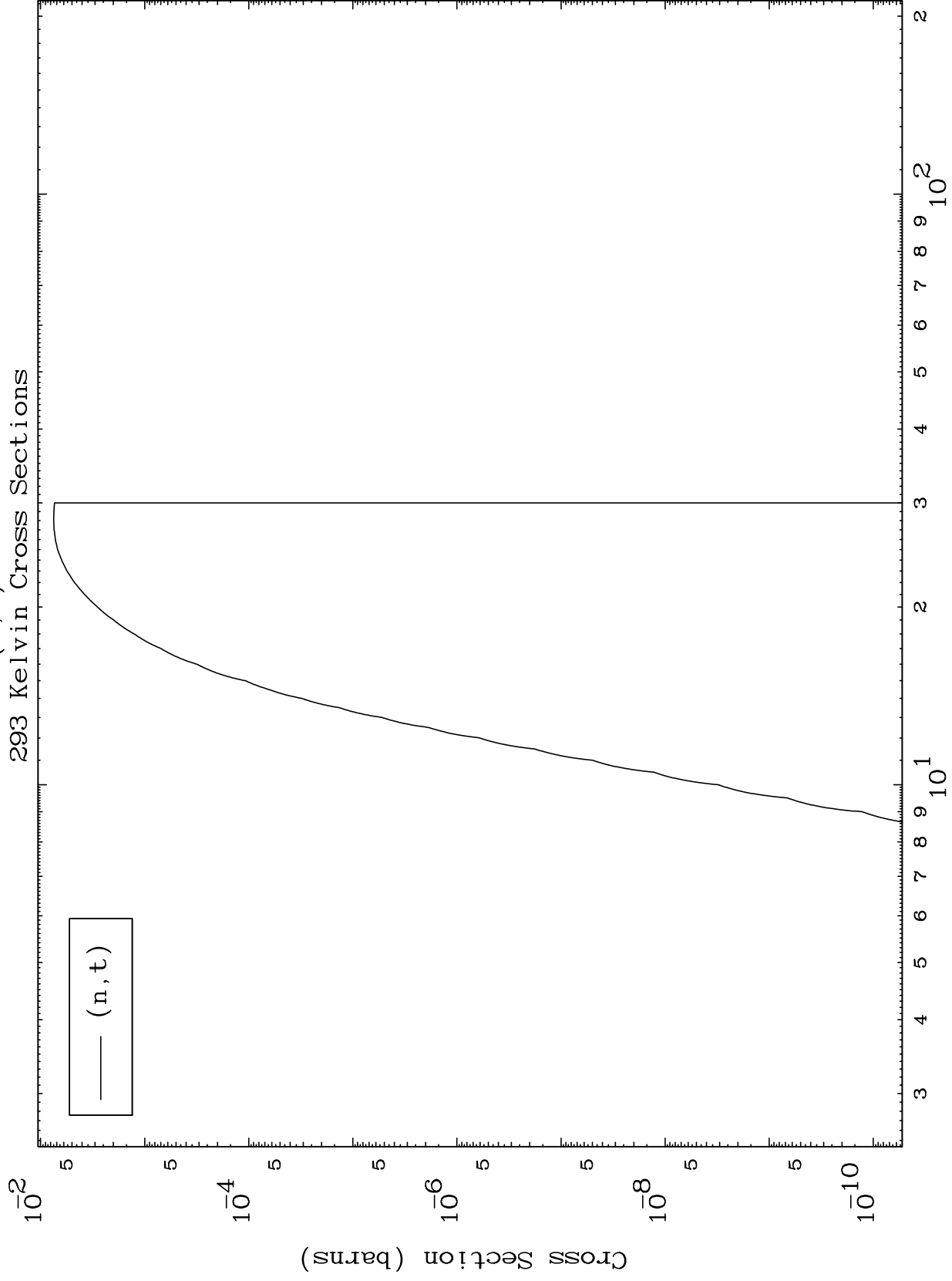
Incident Energy (MeV)

81-Tl-198

MAT 8110

(n,t) Levels  
293 Kelvin Cross Sections

81-T1-198



13

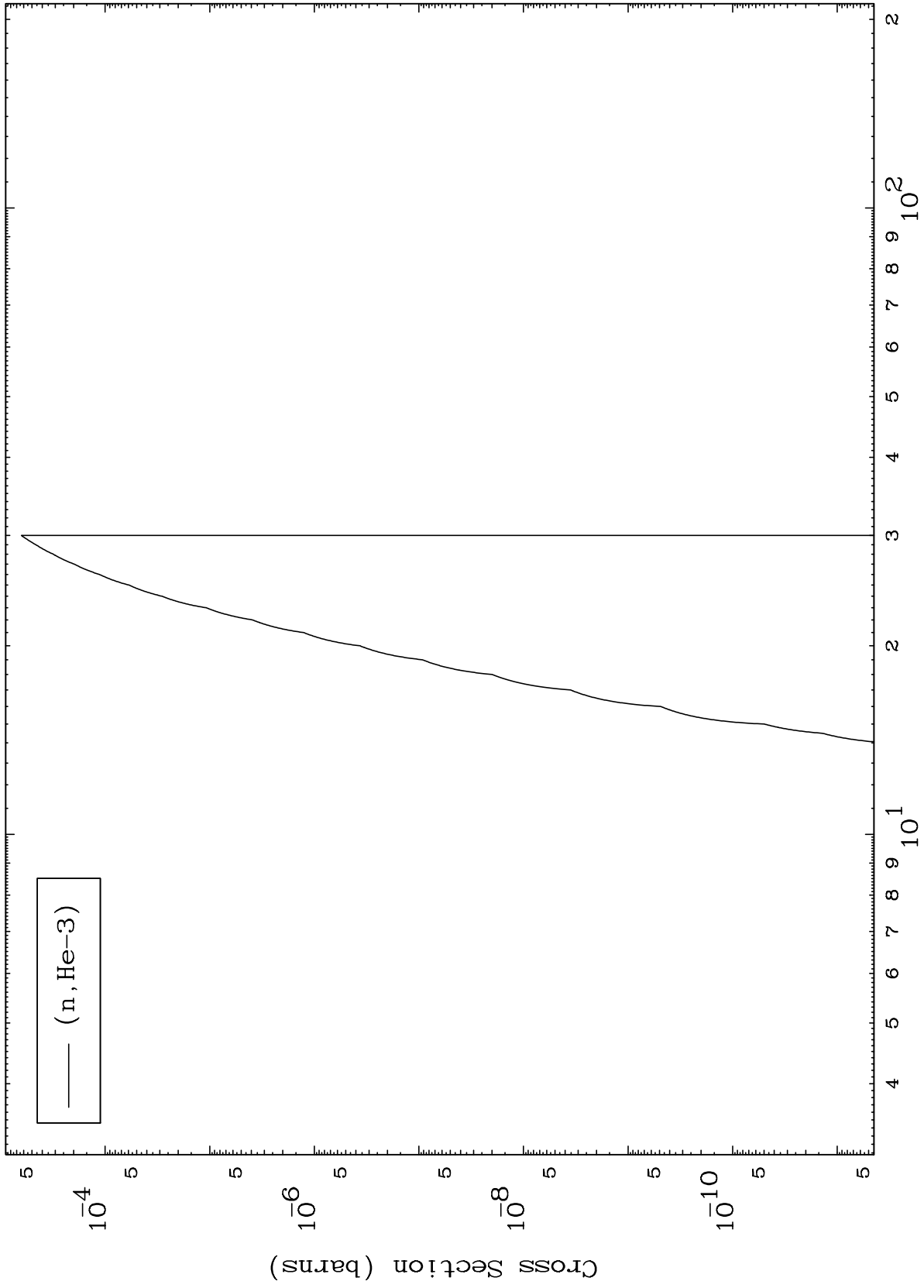
Incident Energy (MeV)

81-T1-198

MAT 8110

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-198



14

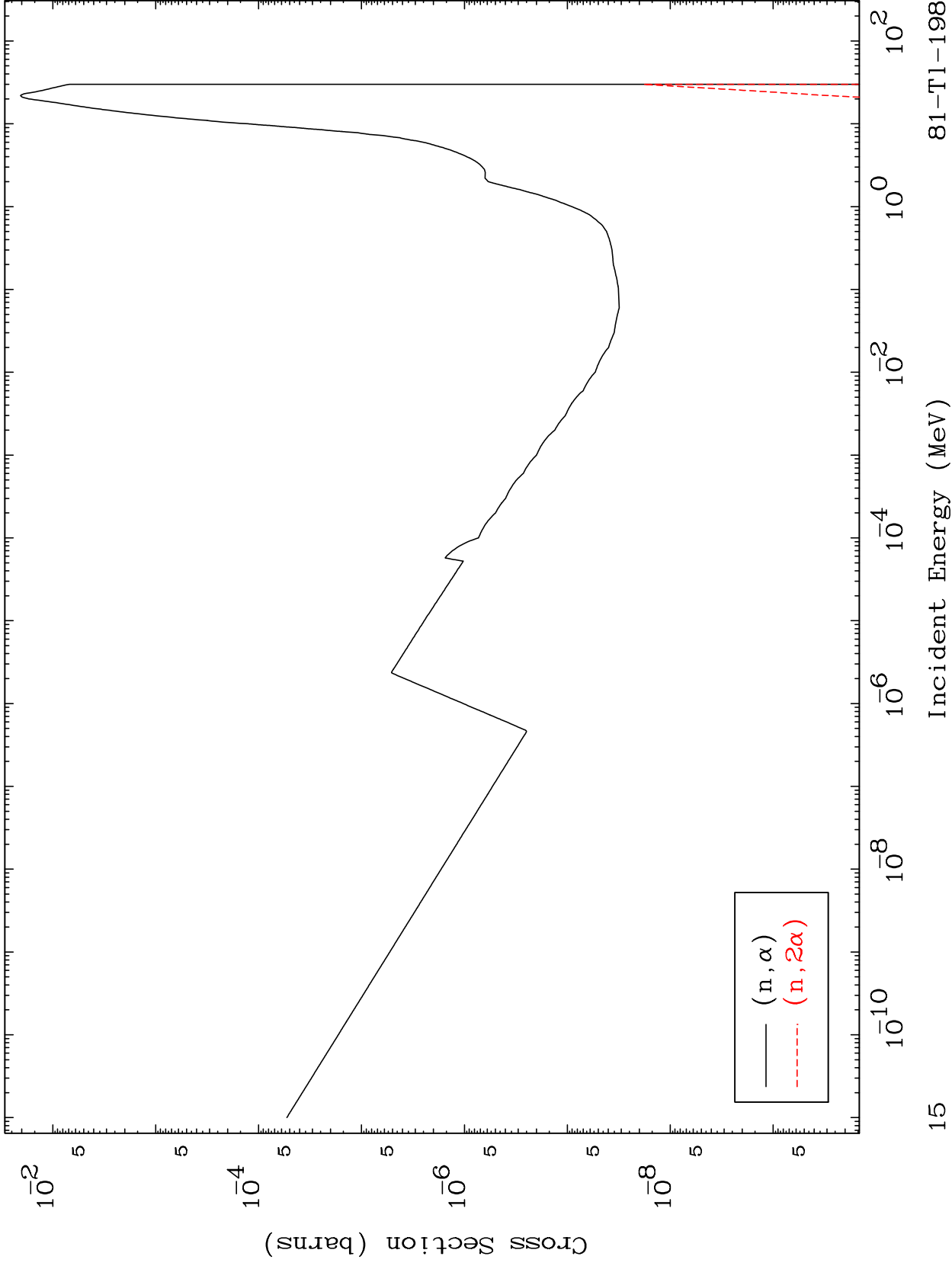
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-Tl-198

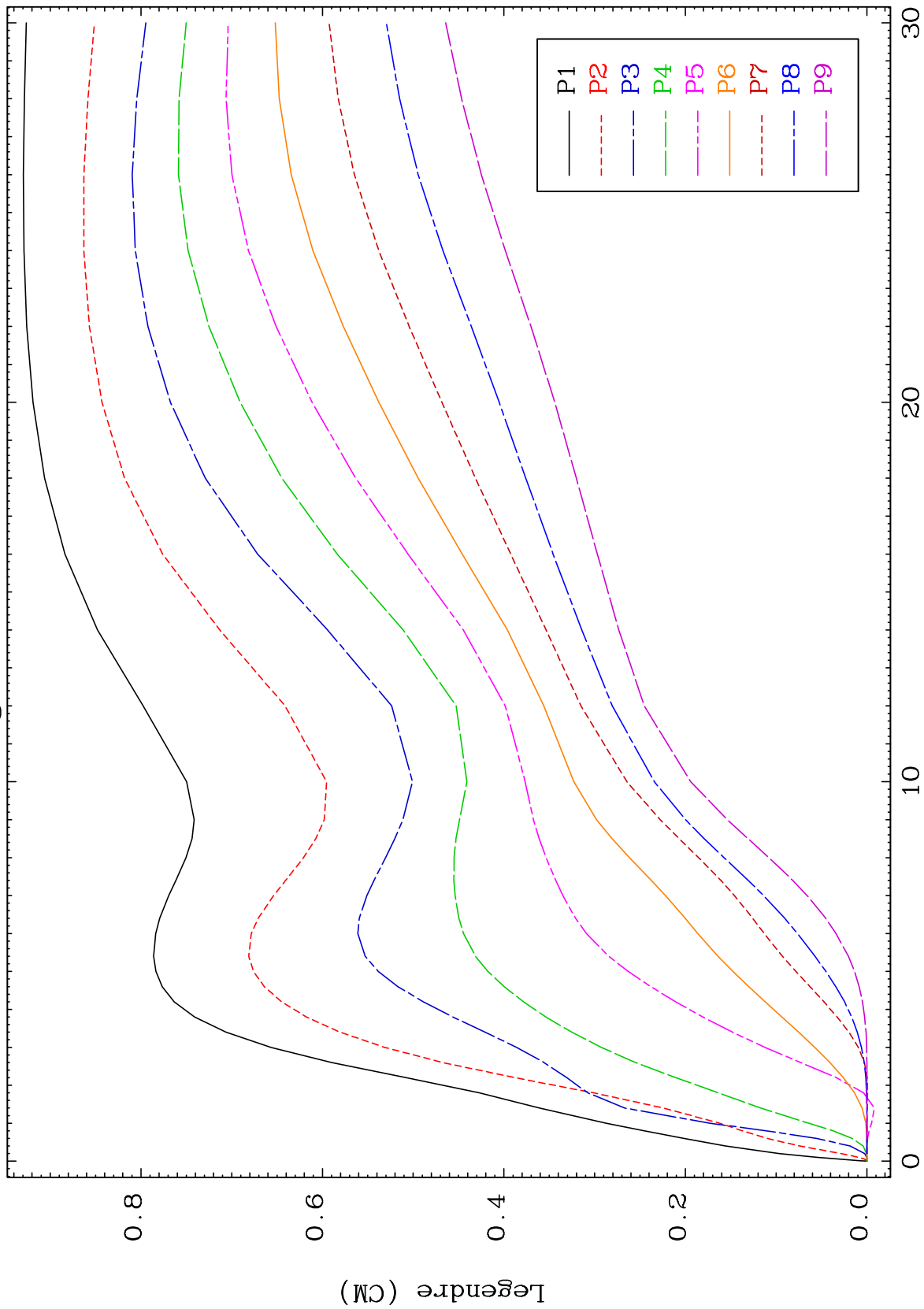




MAT 8110

Elastic Legendre Coefficients

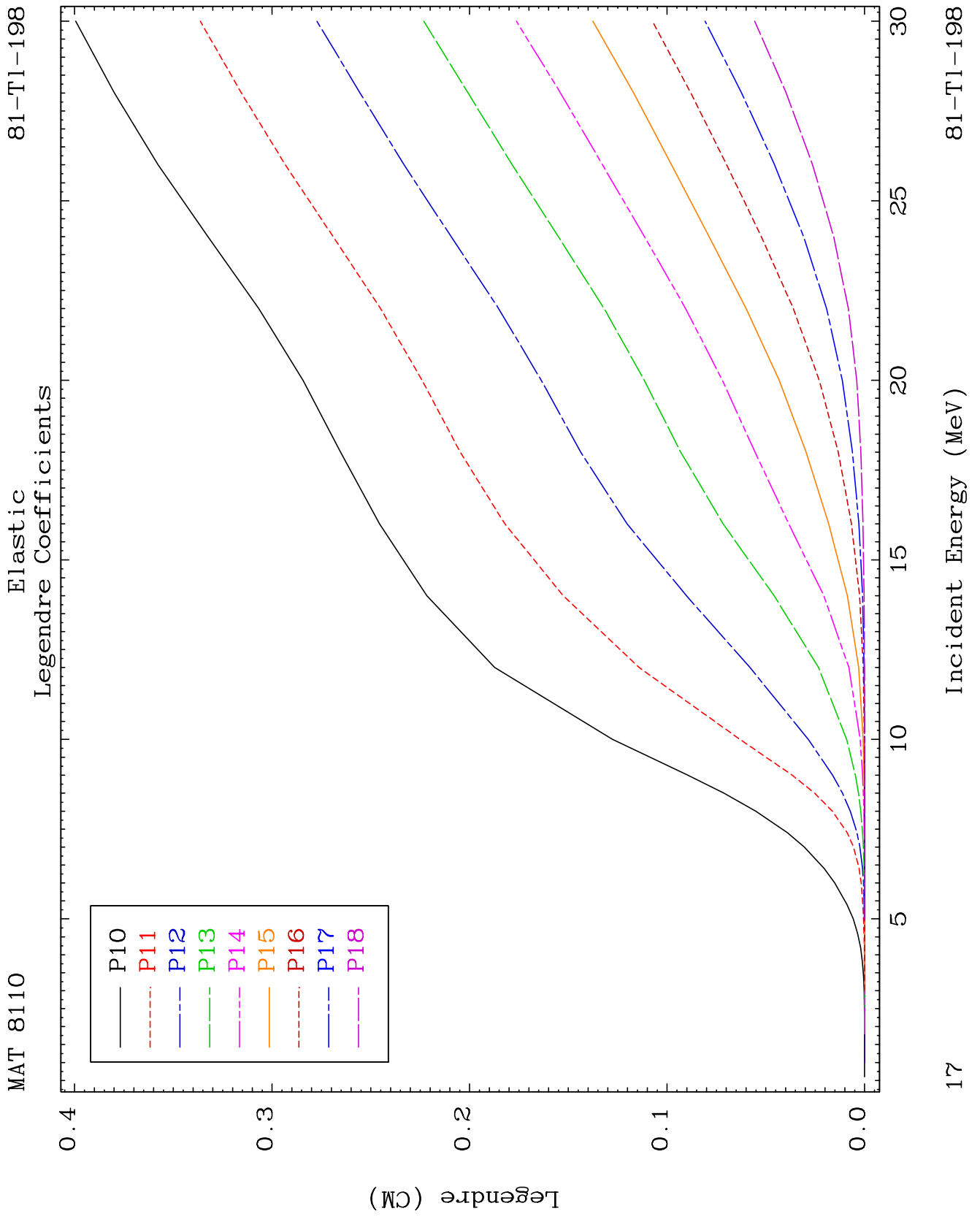
81-T1-198



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Incident Energy (MeV)

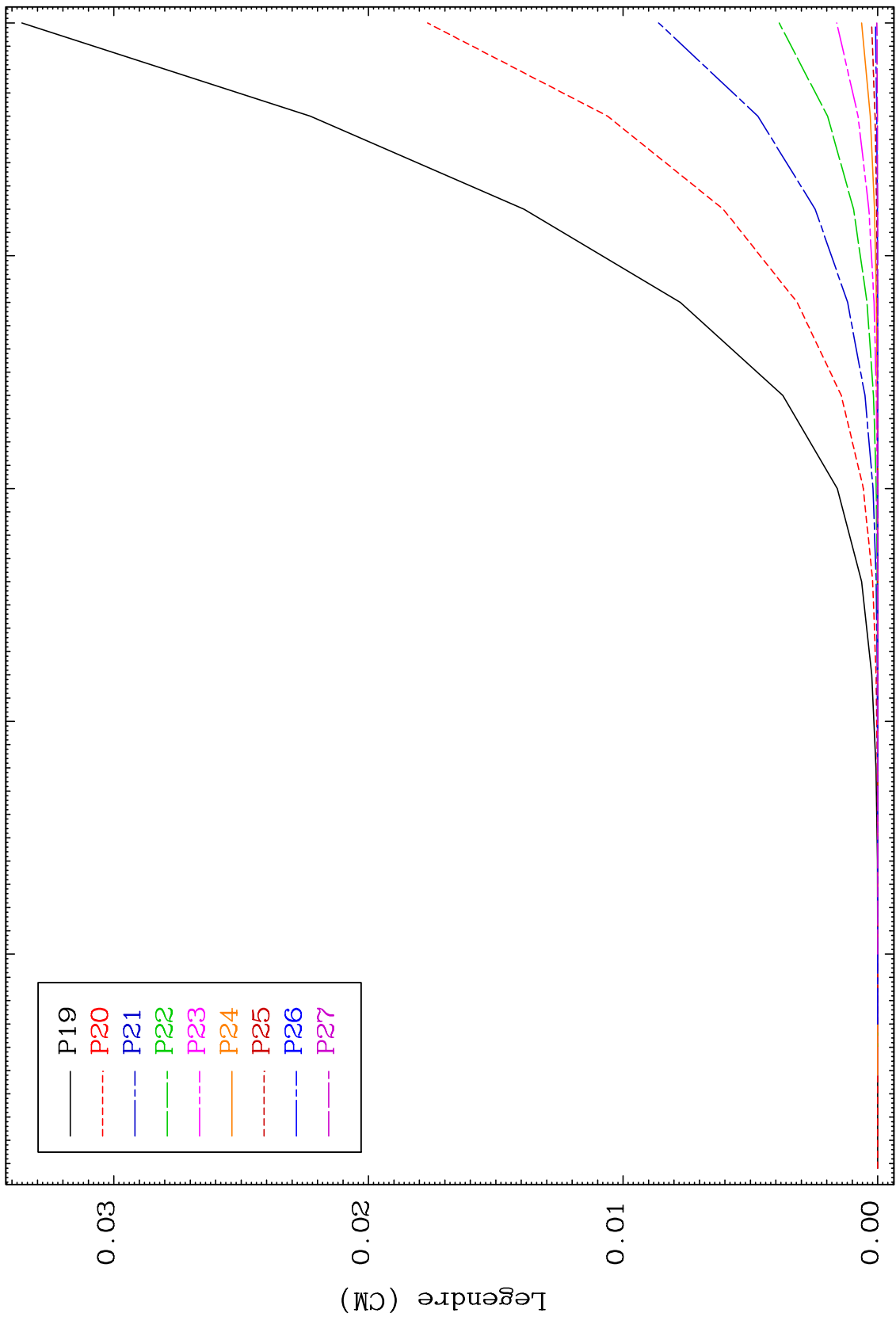
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MAT 8110

### Elastic Legendre Coefficients

81-T1-198



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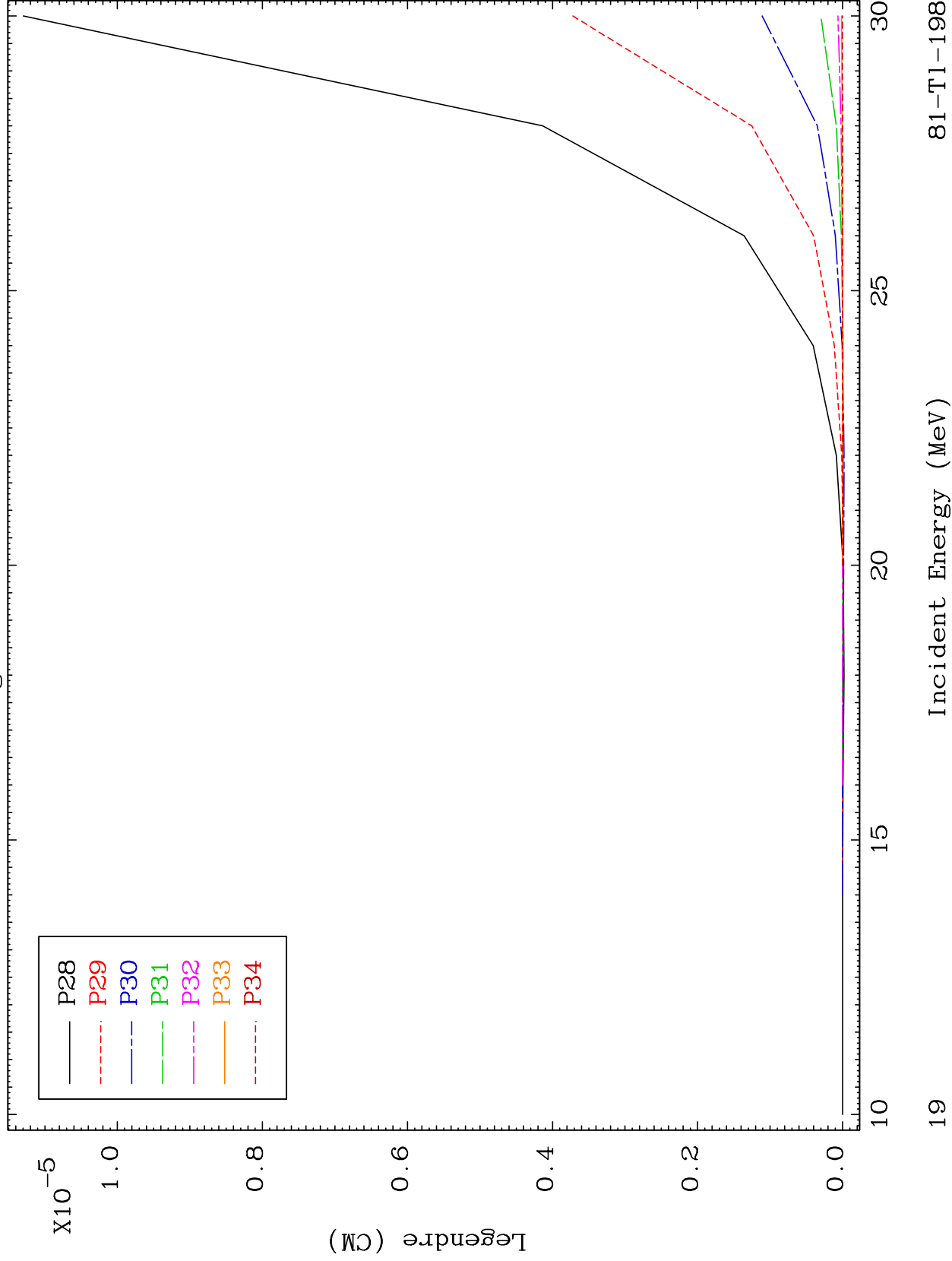
Incident Energy (MeV)

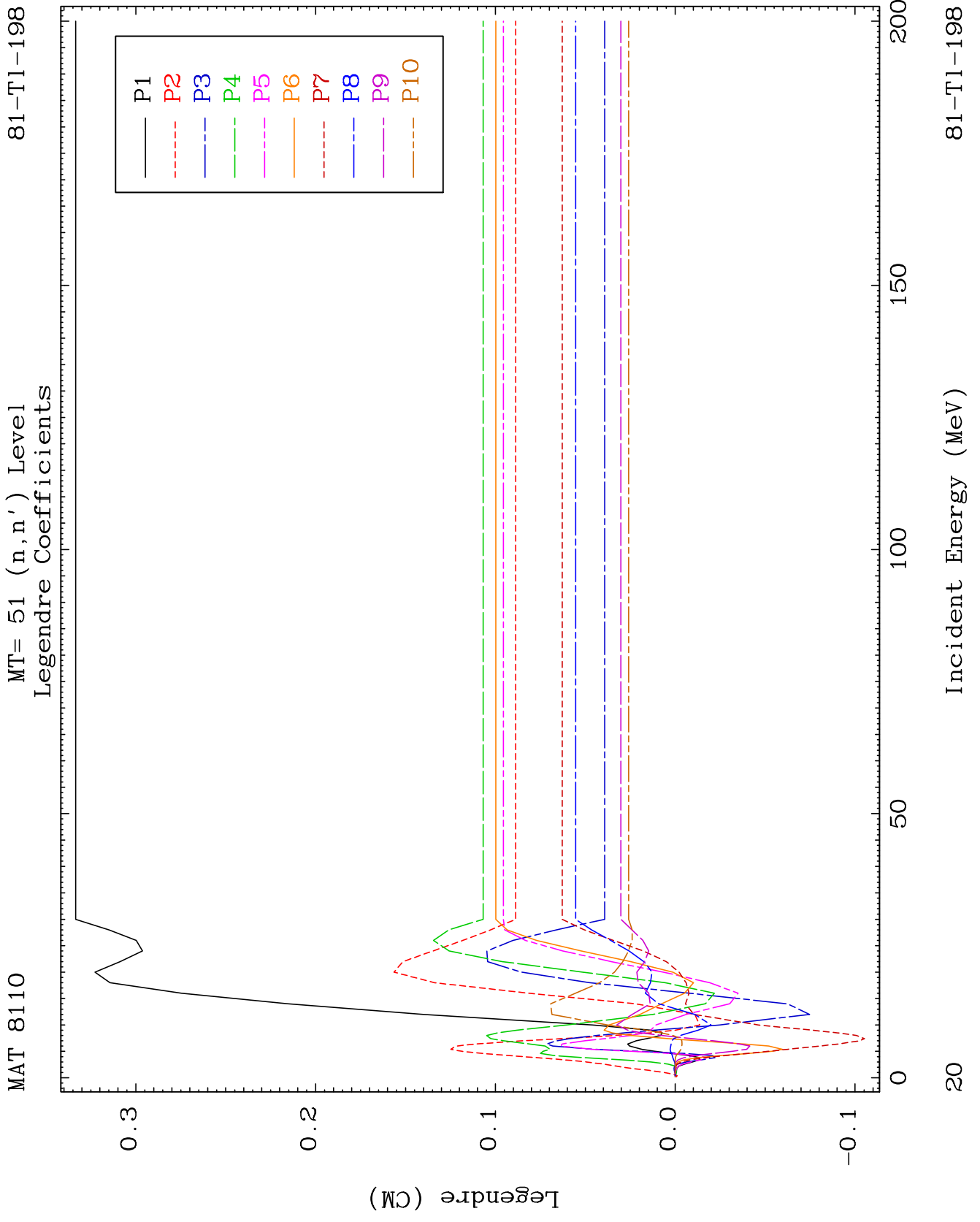
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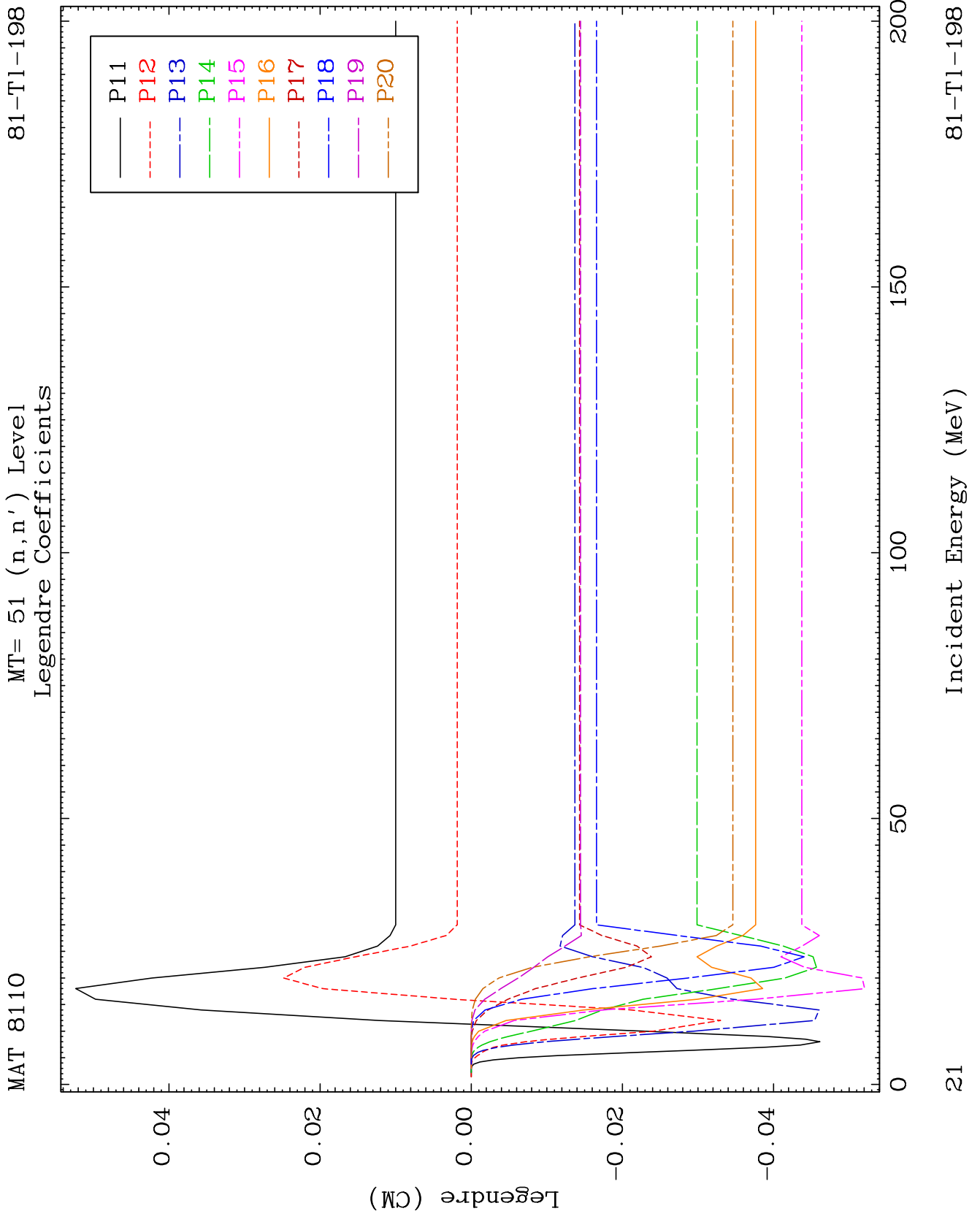
MAT 8110

Elastic Legendre Coefficients

81-T1-198



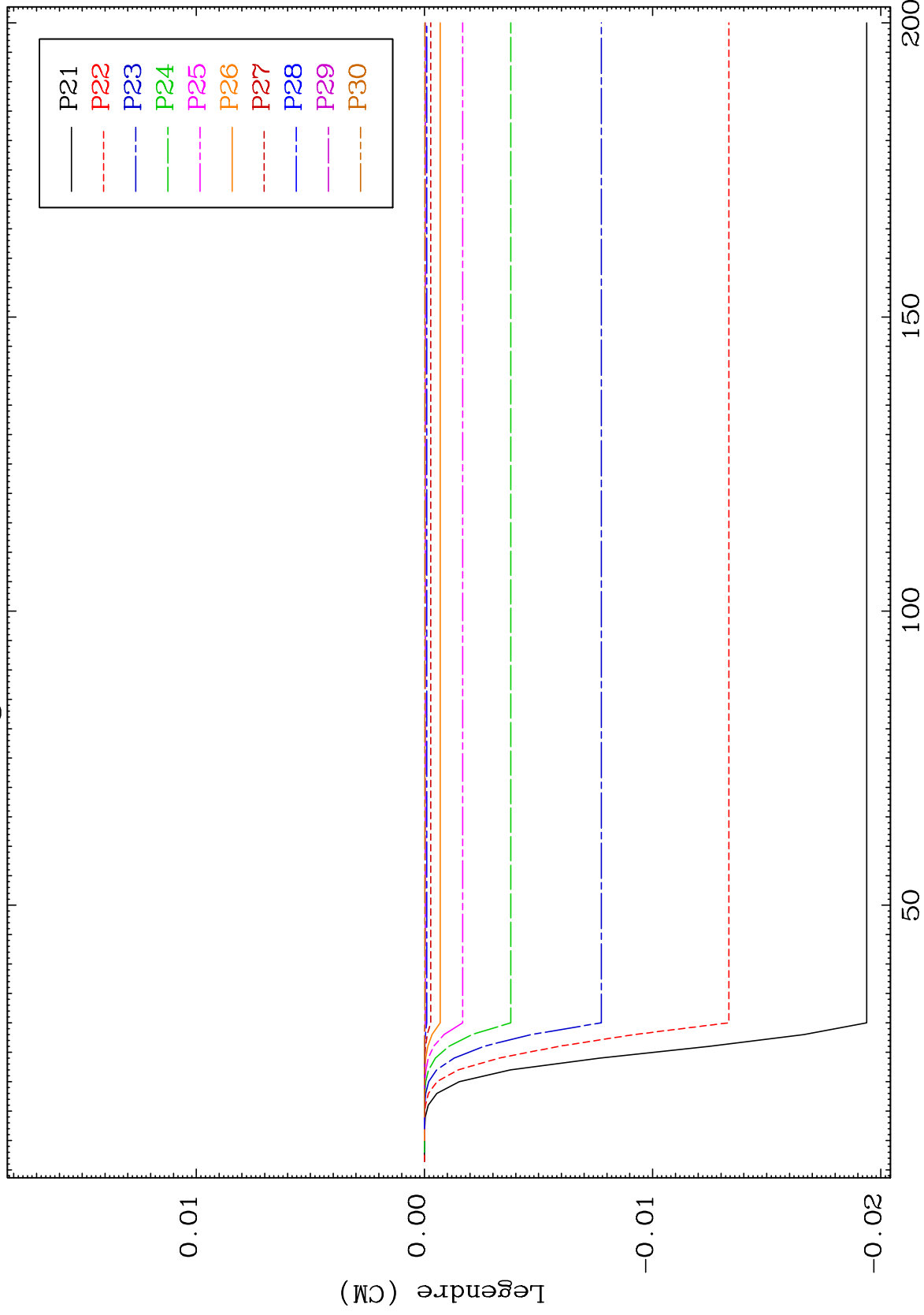




MAT 8110

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

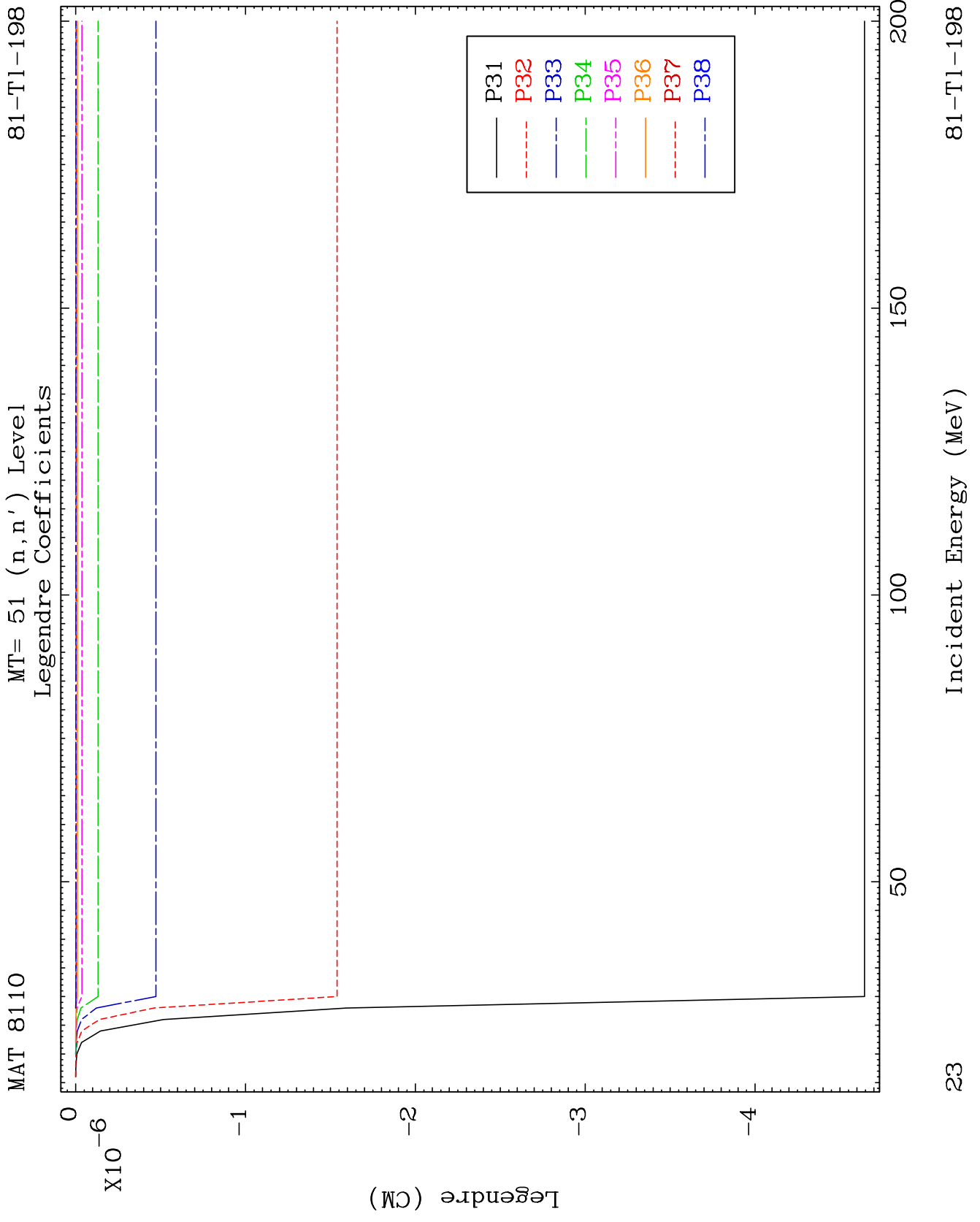
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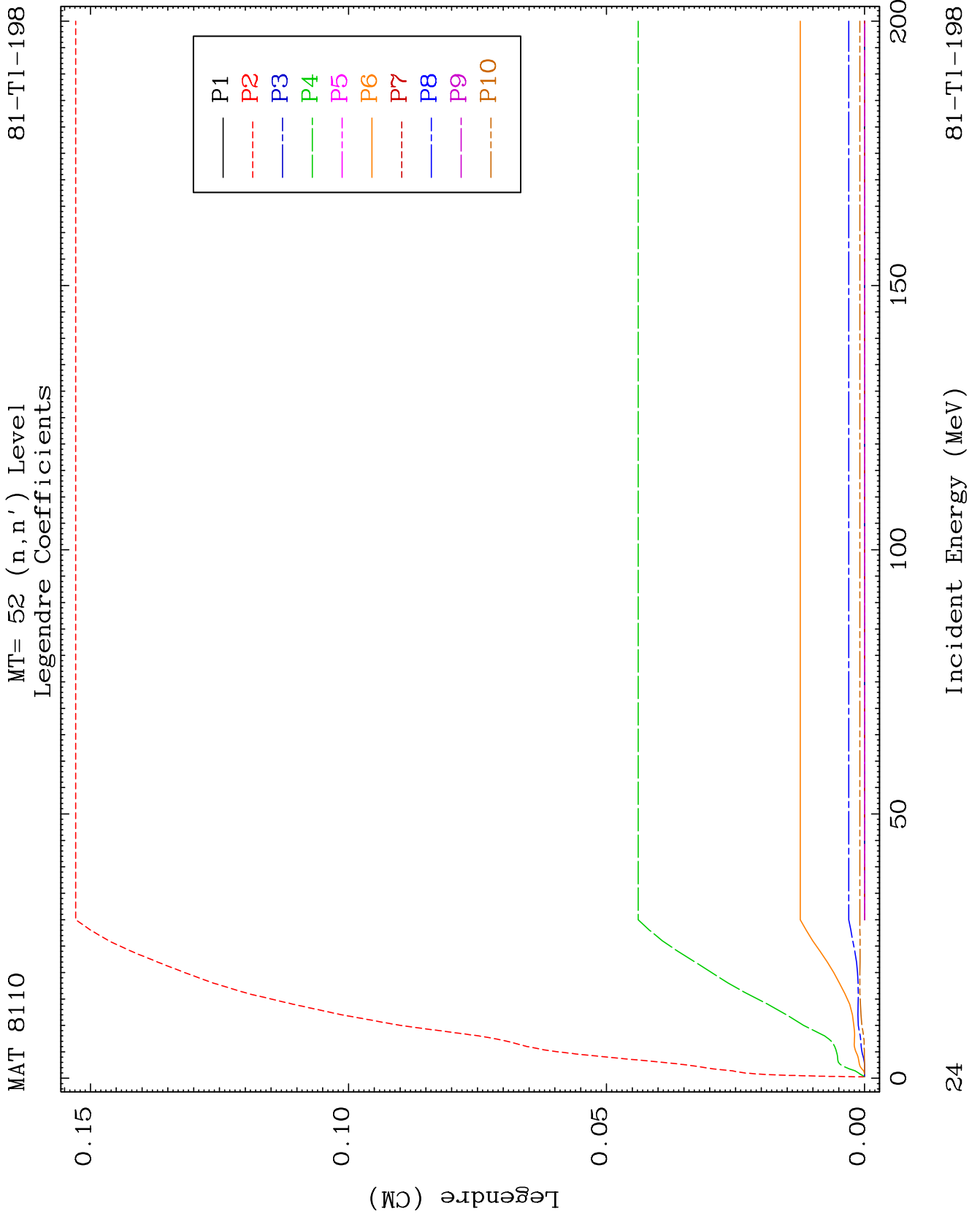
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Incident Energy (MeV)

81-T1-198



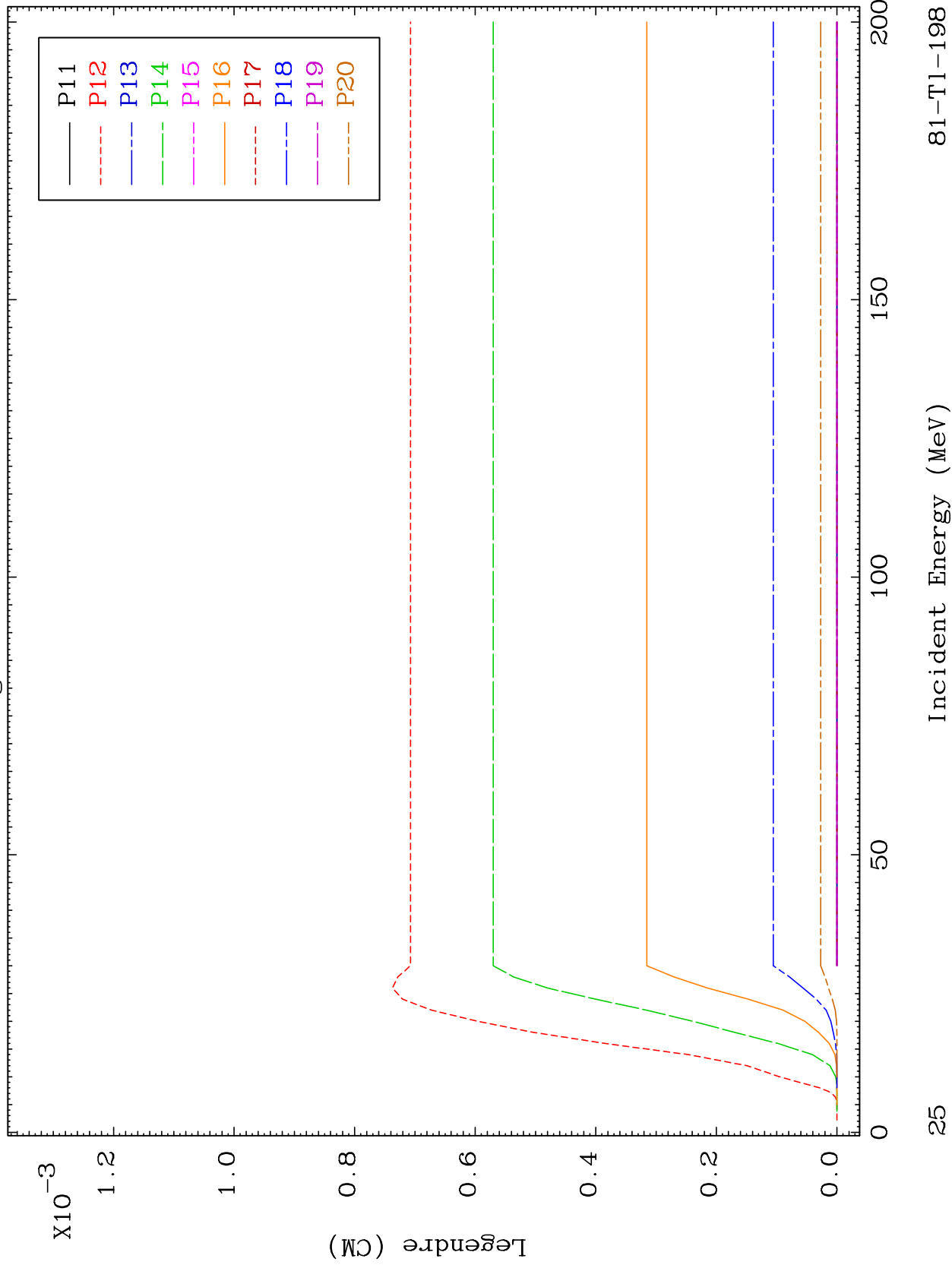




MAT 8110

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

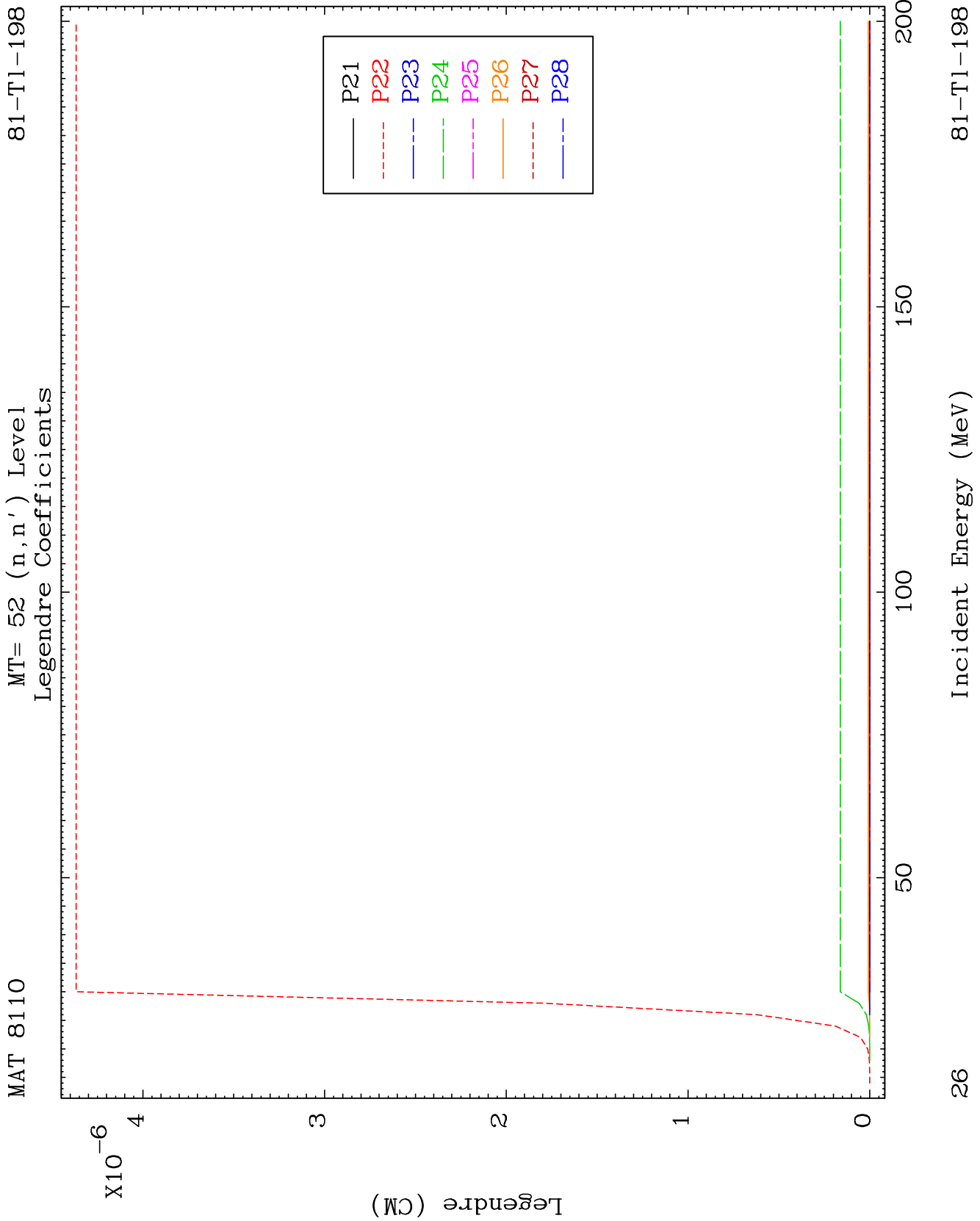
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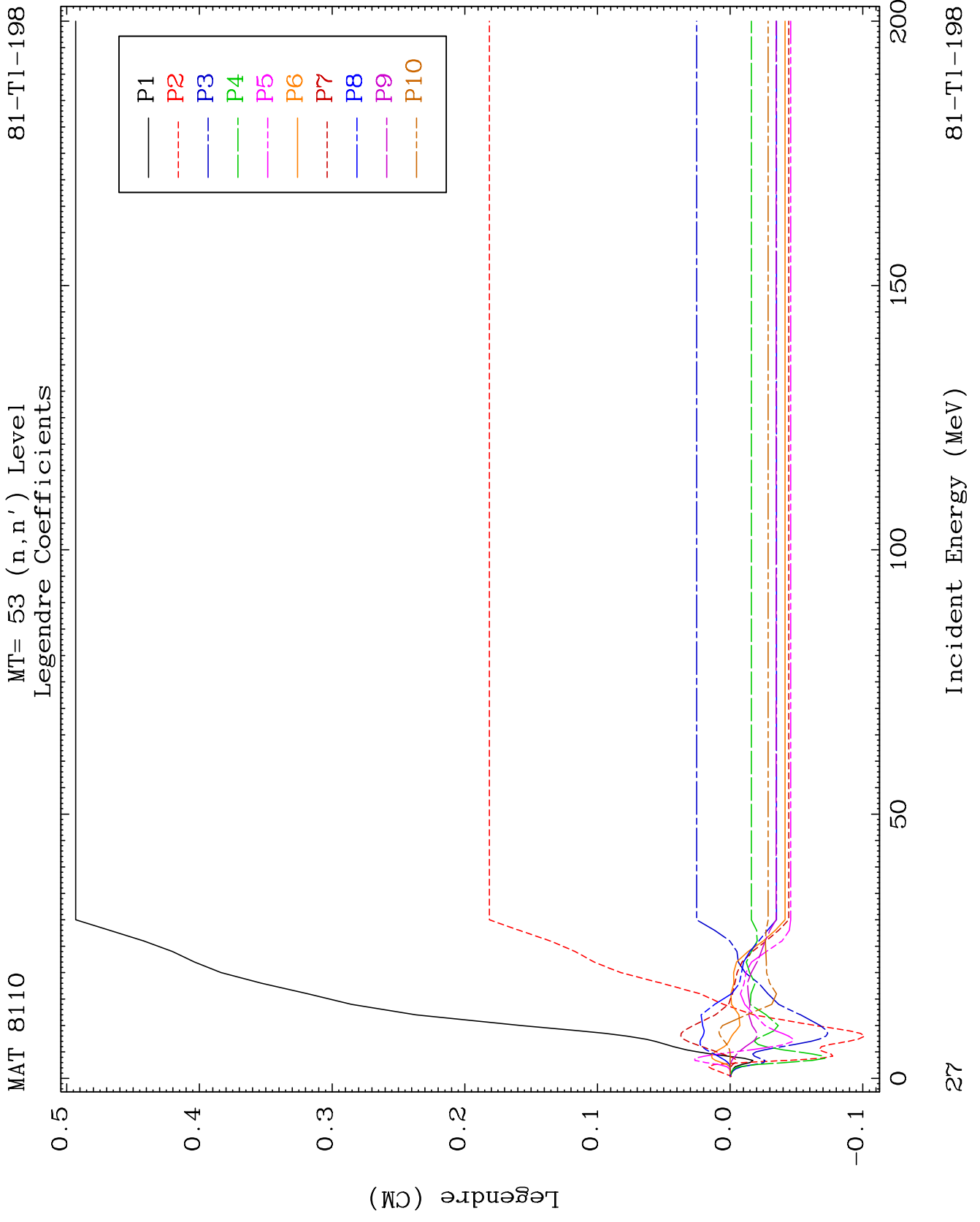


25

Incident Energy (MeV)

81-Tl-198

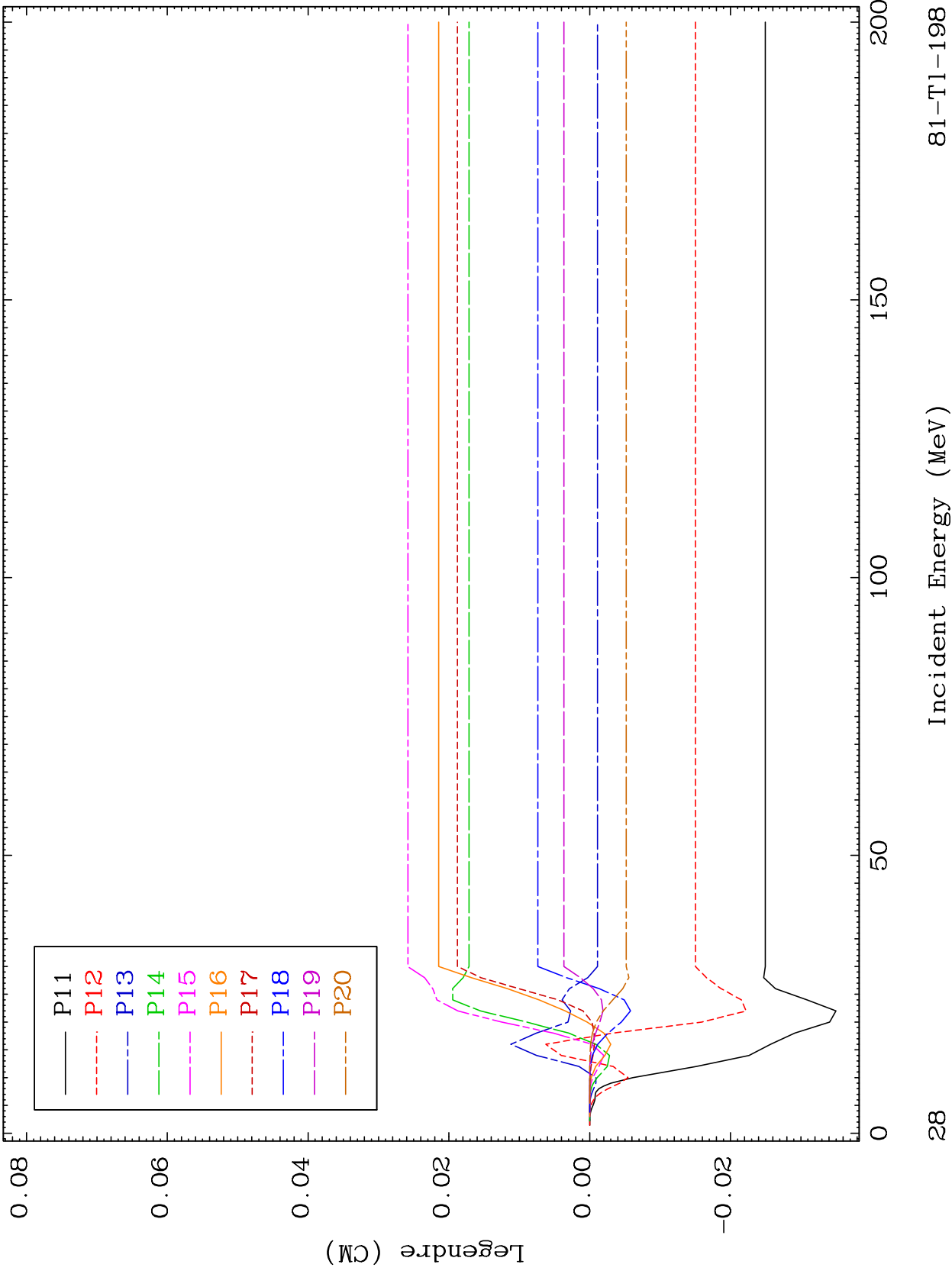




MAT 8110

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

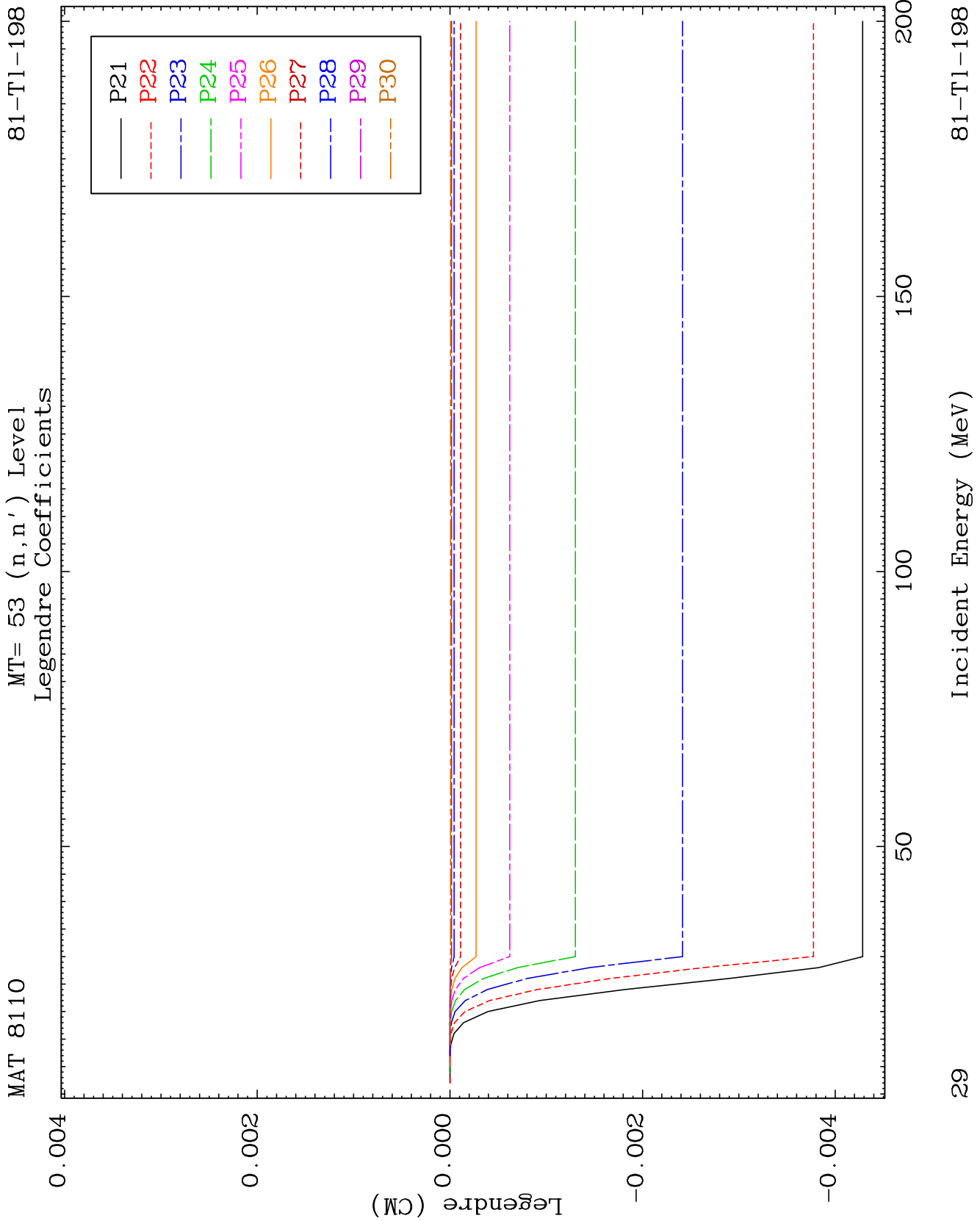
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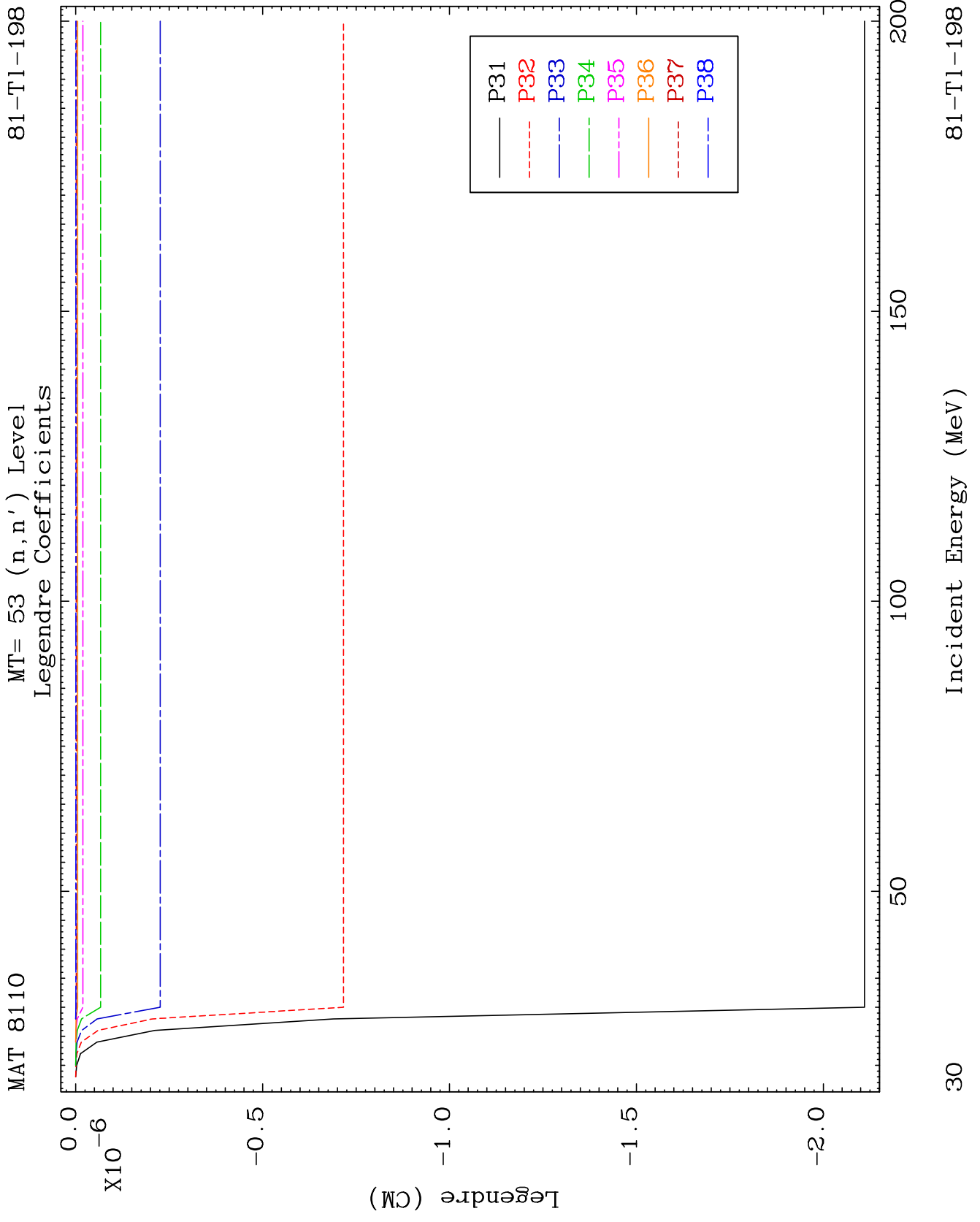


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Incident Energy (MeV)

81-T1-198

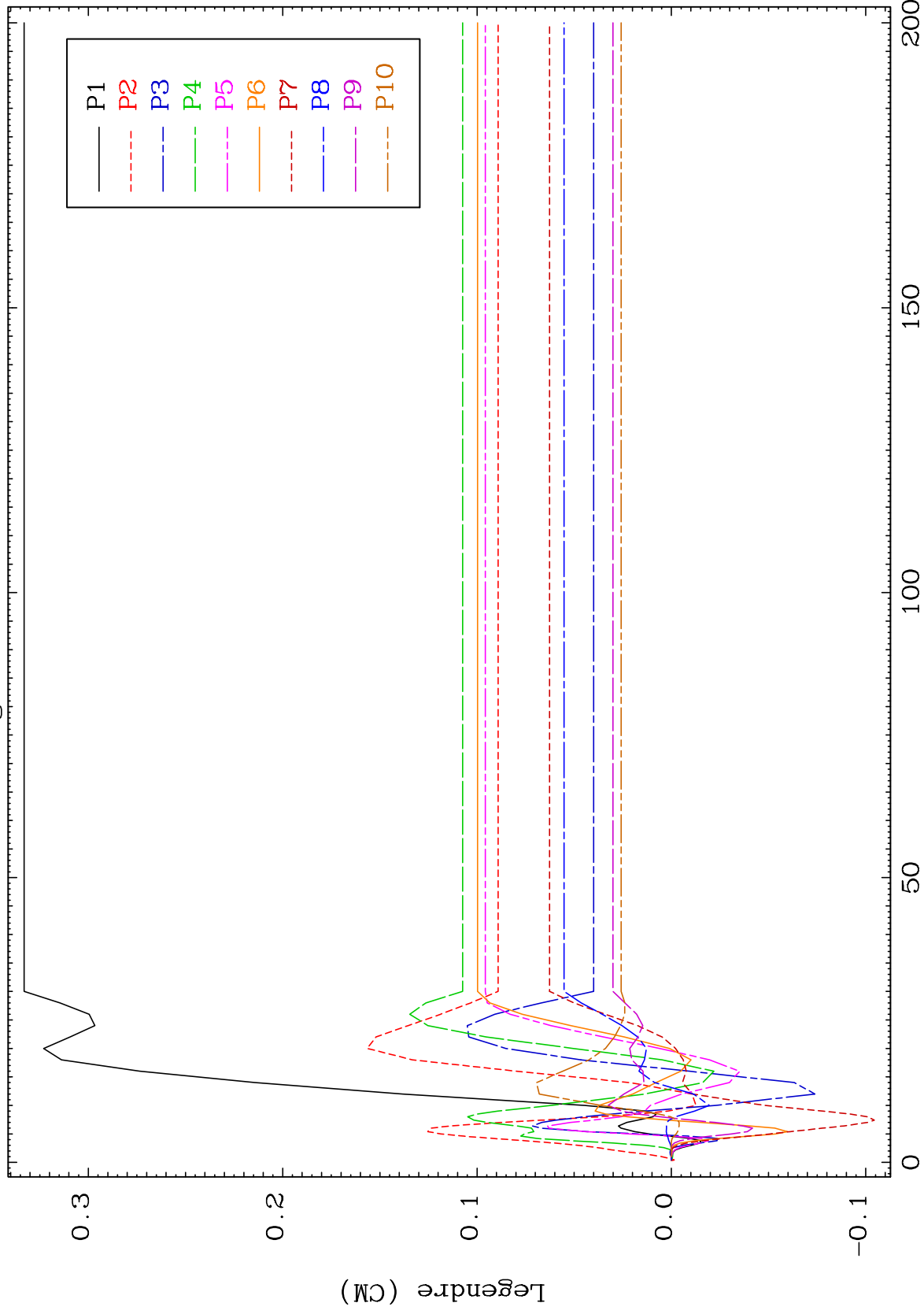




MAT 8110

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

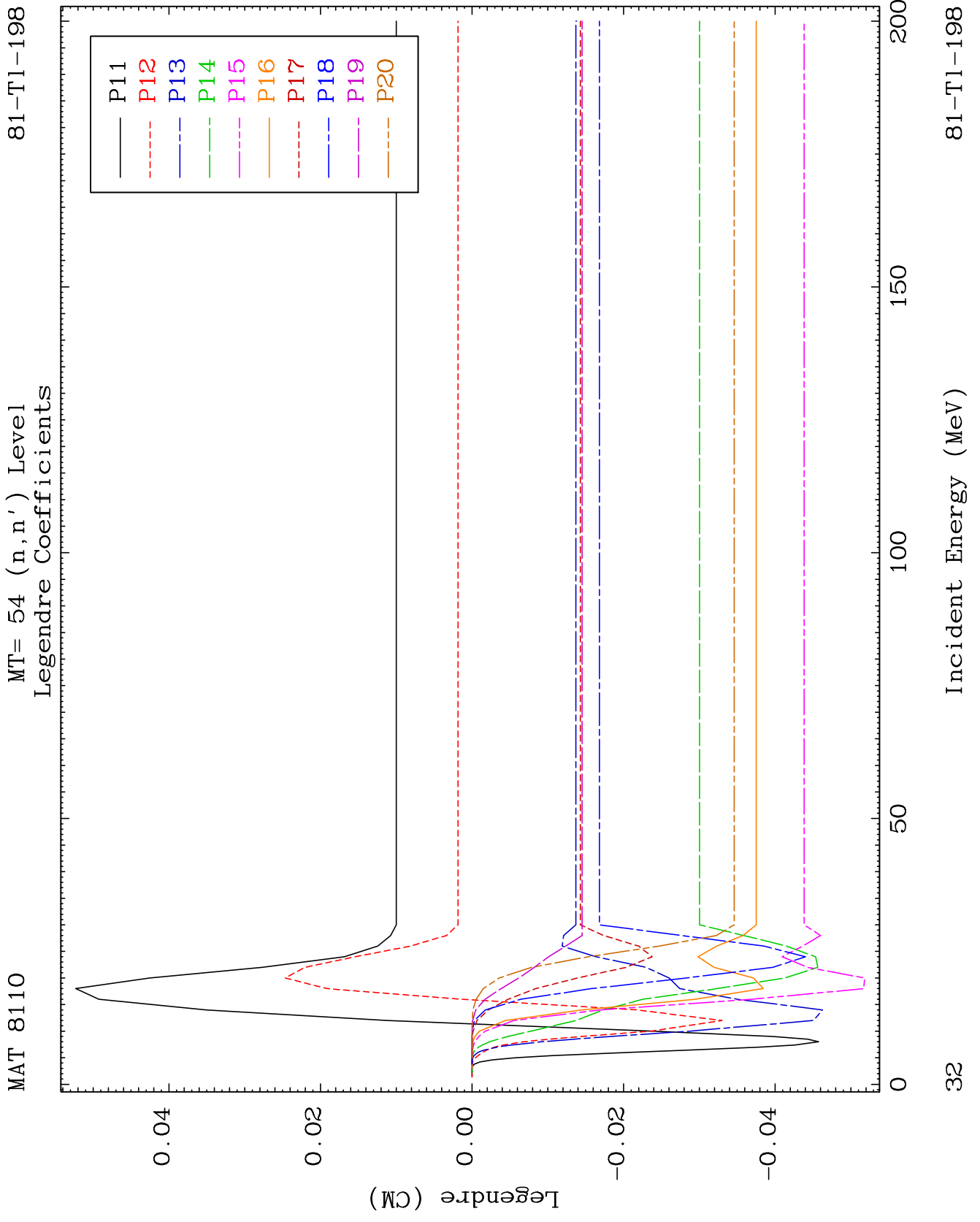
81-T1-198



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81-T1-198

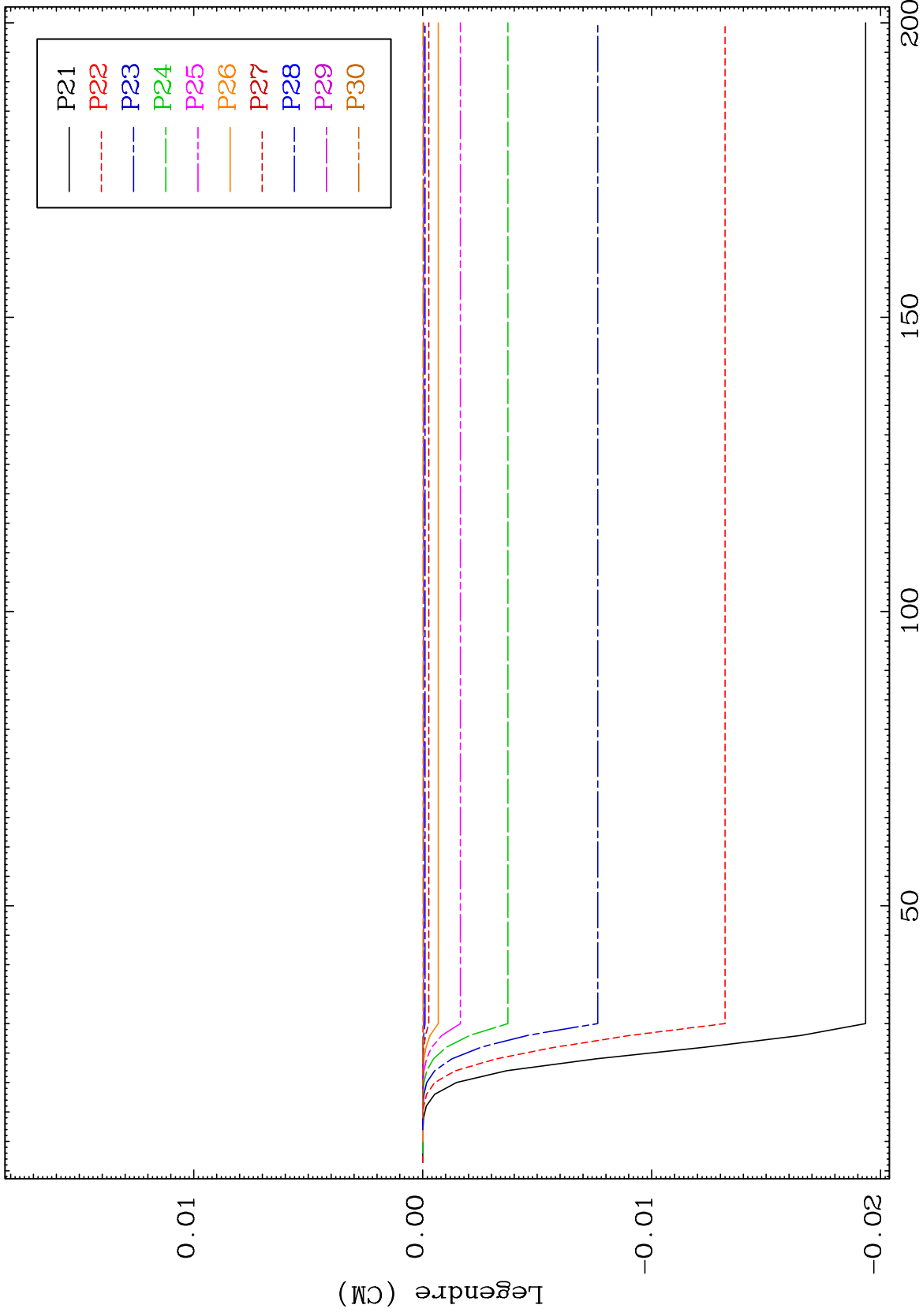




MAT 8110

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

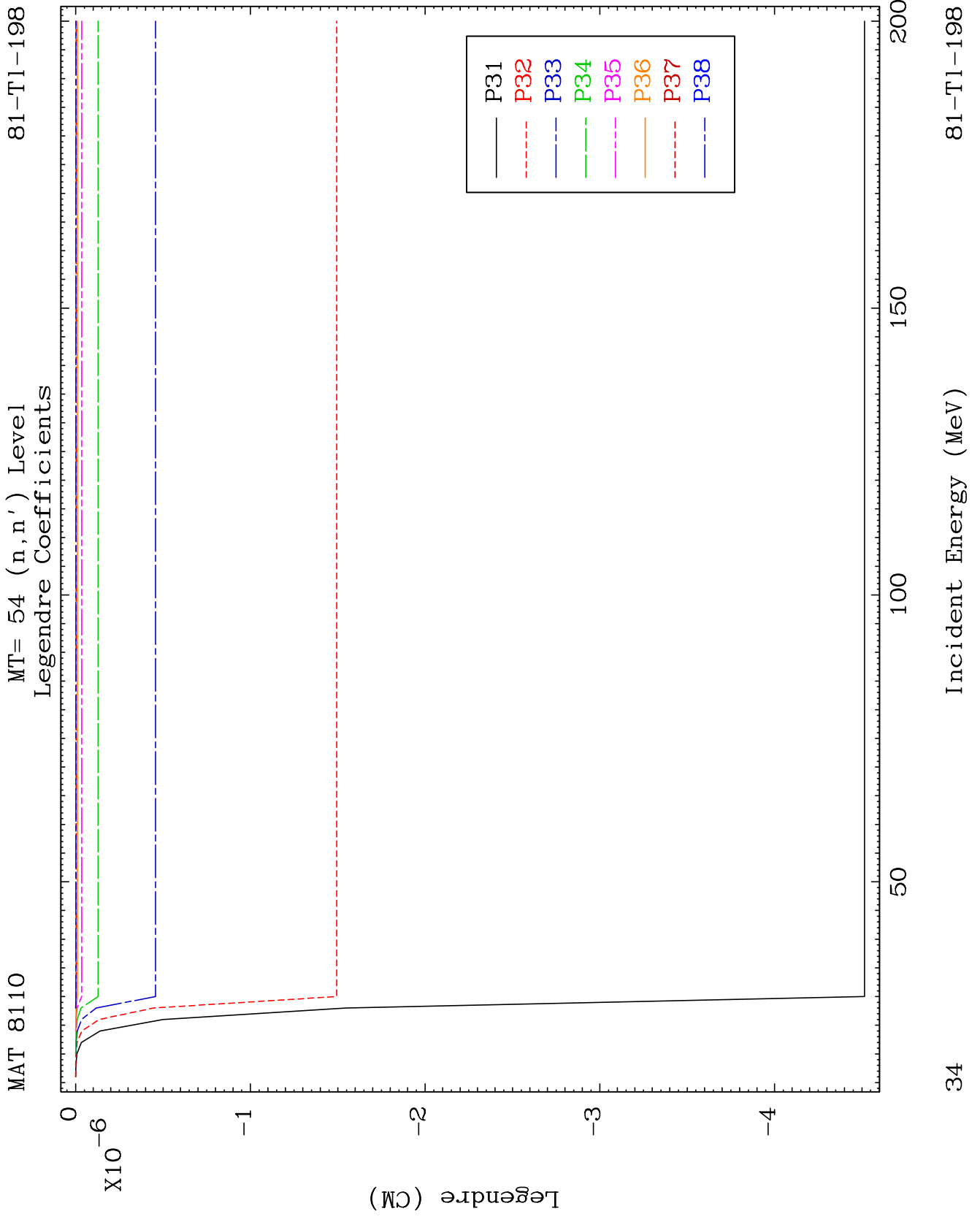
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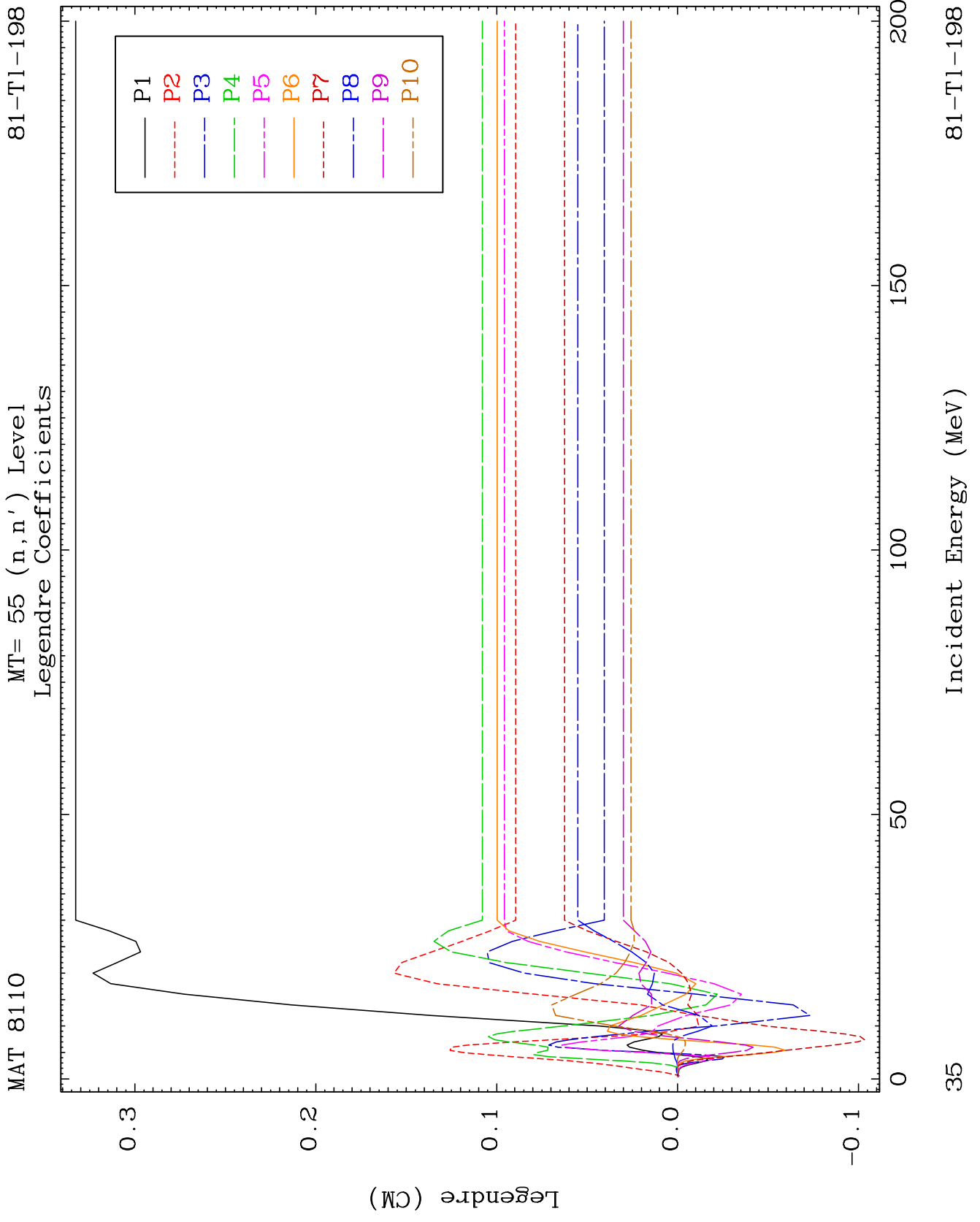


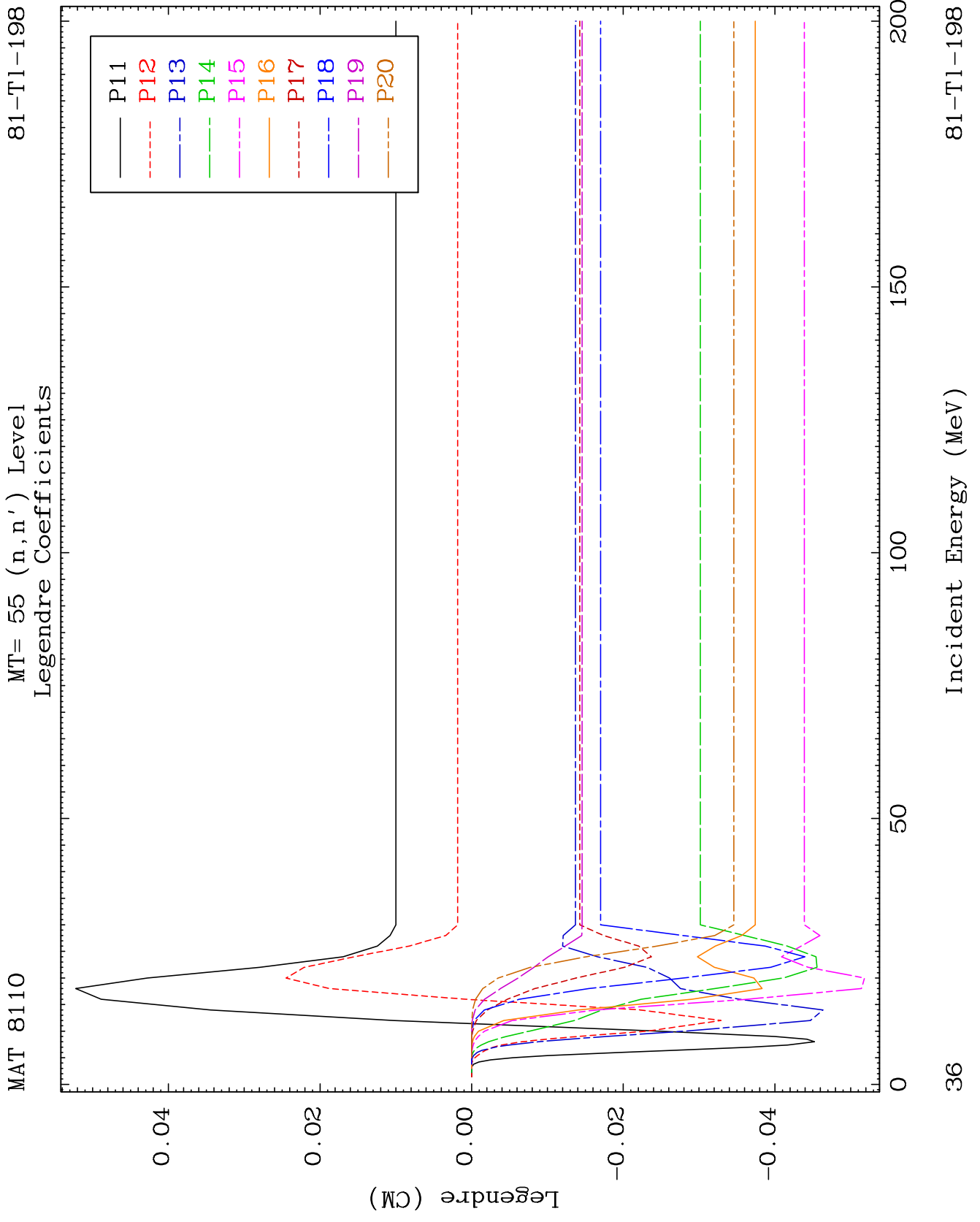
33

Incident Energy (MeV)

81-T1-198



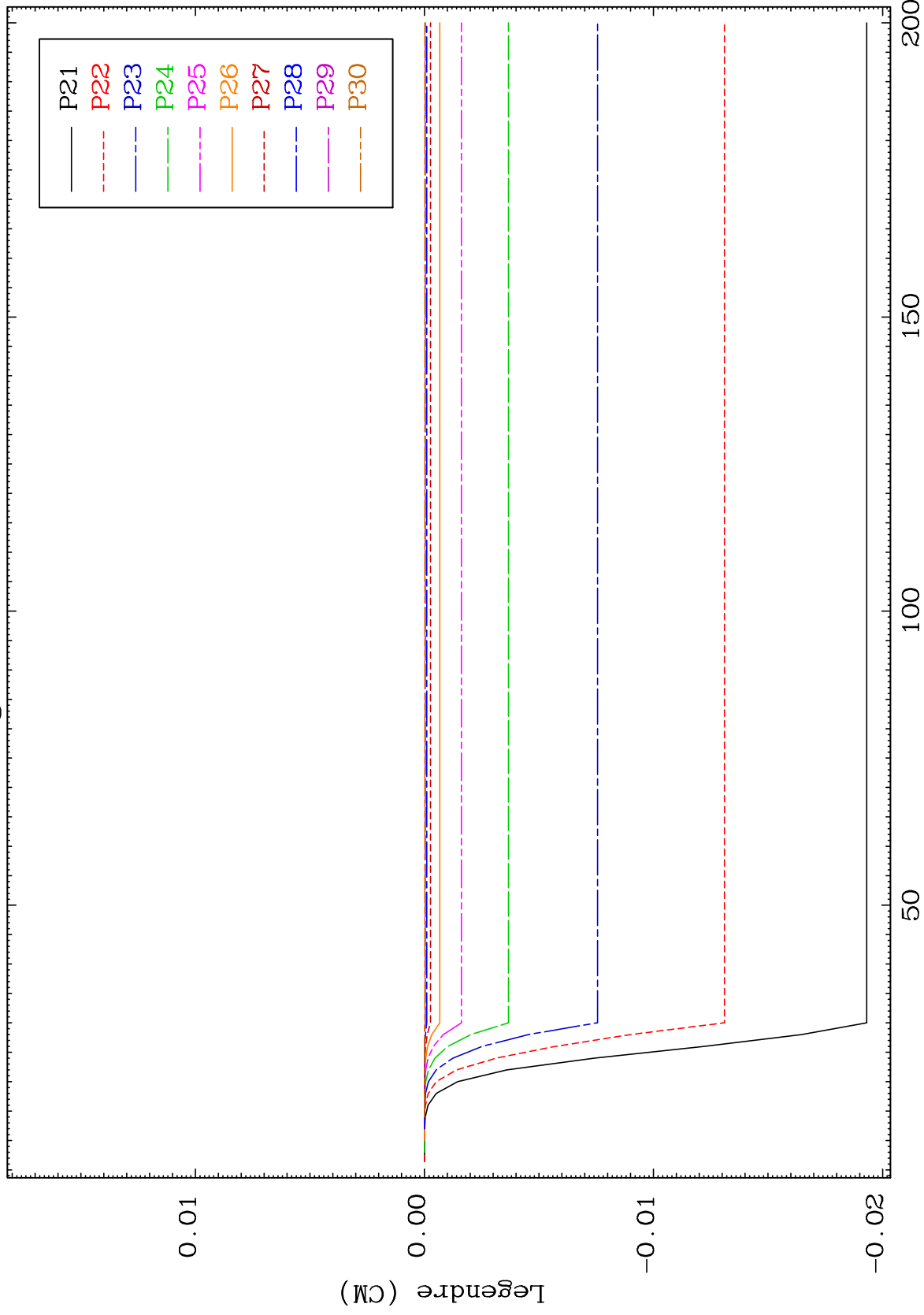




MAT 8110

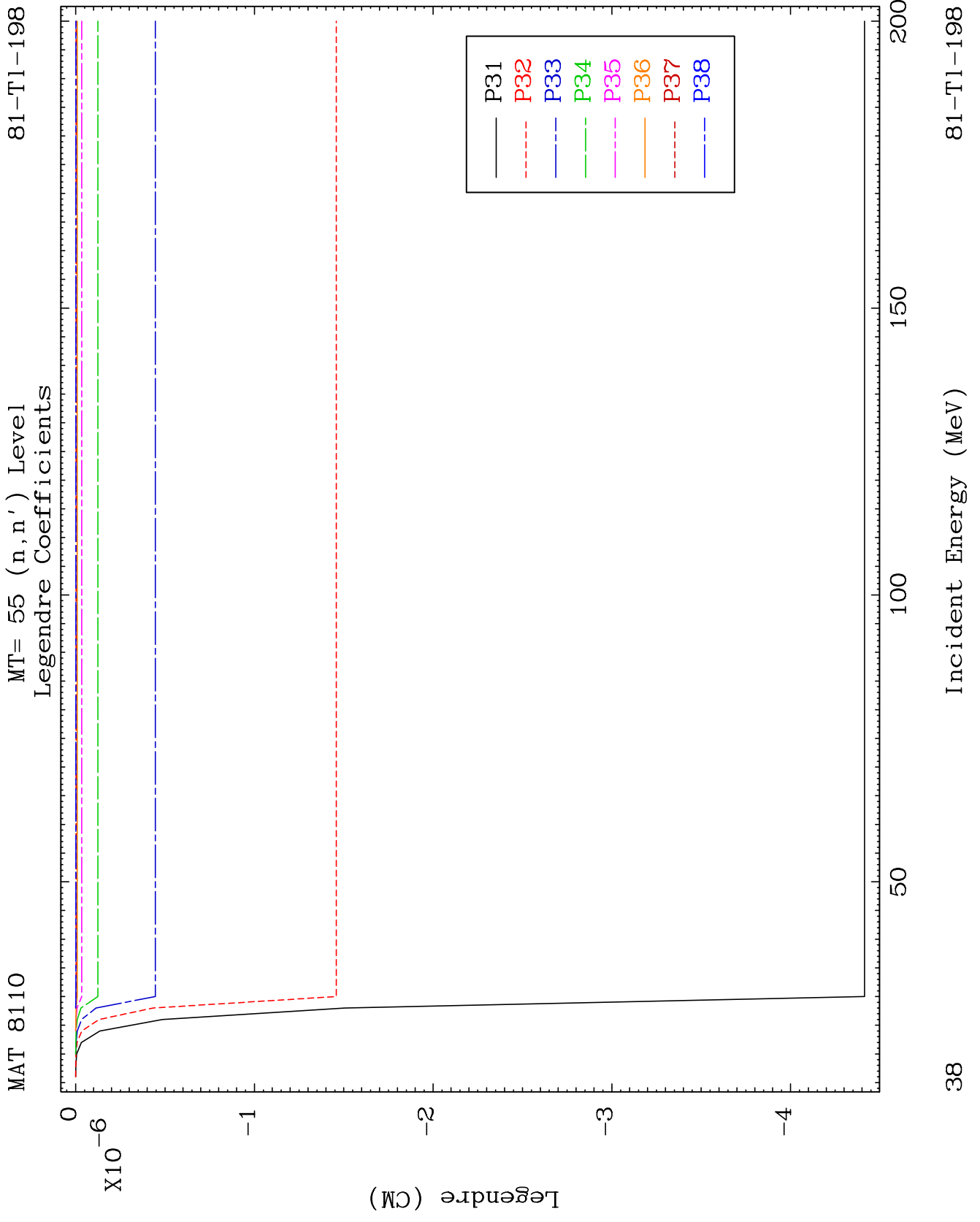
MT= 55 (n,n') Level  
Legendre Coefficients

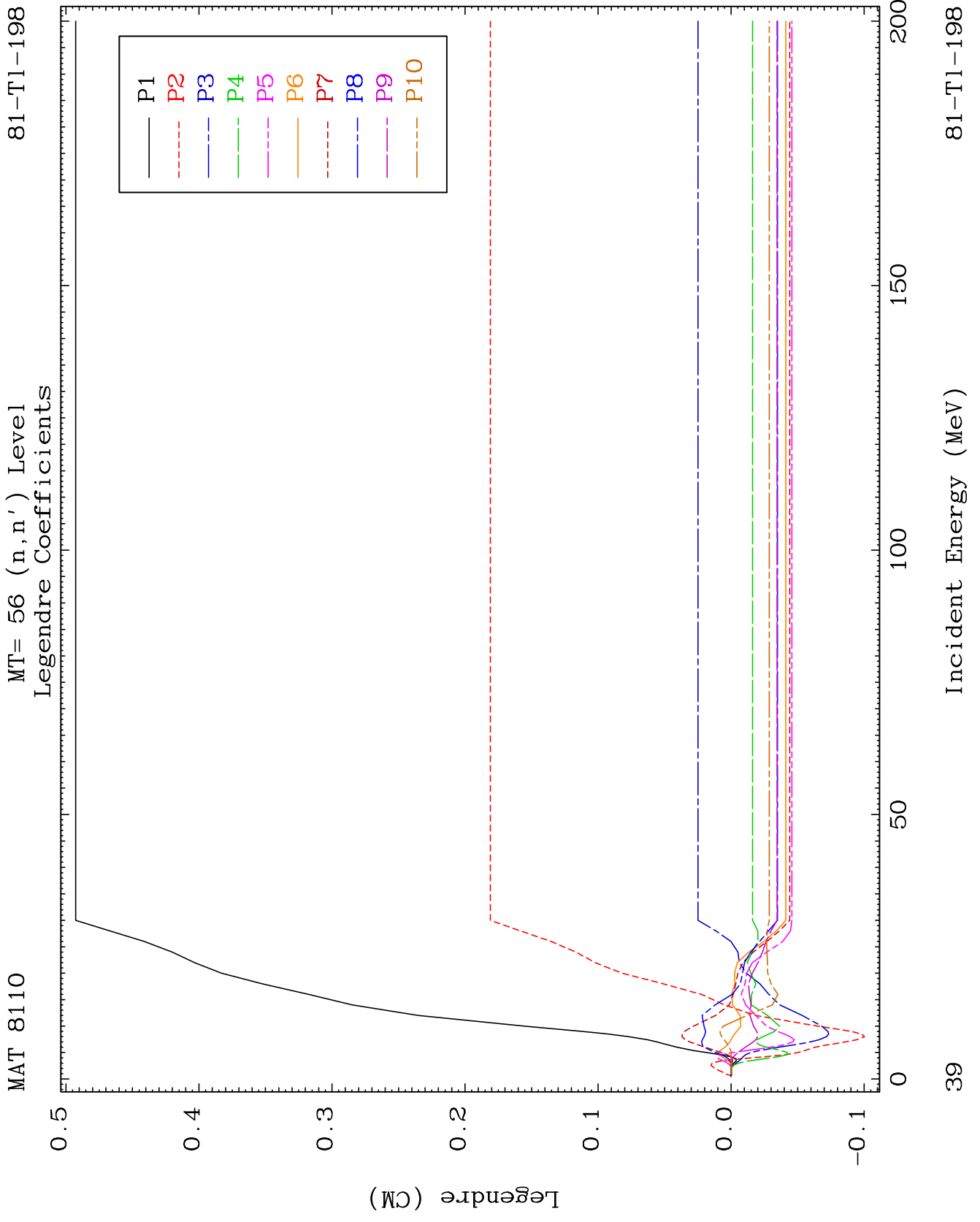
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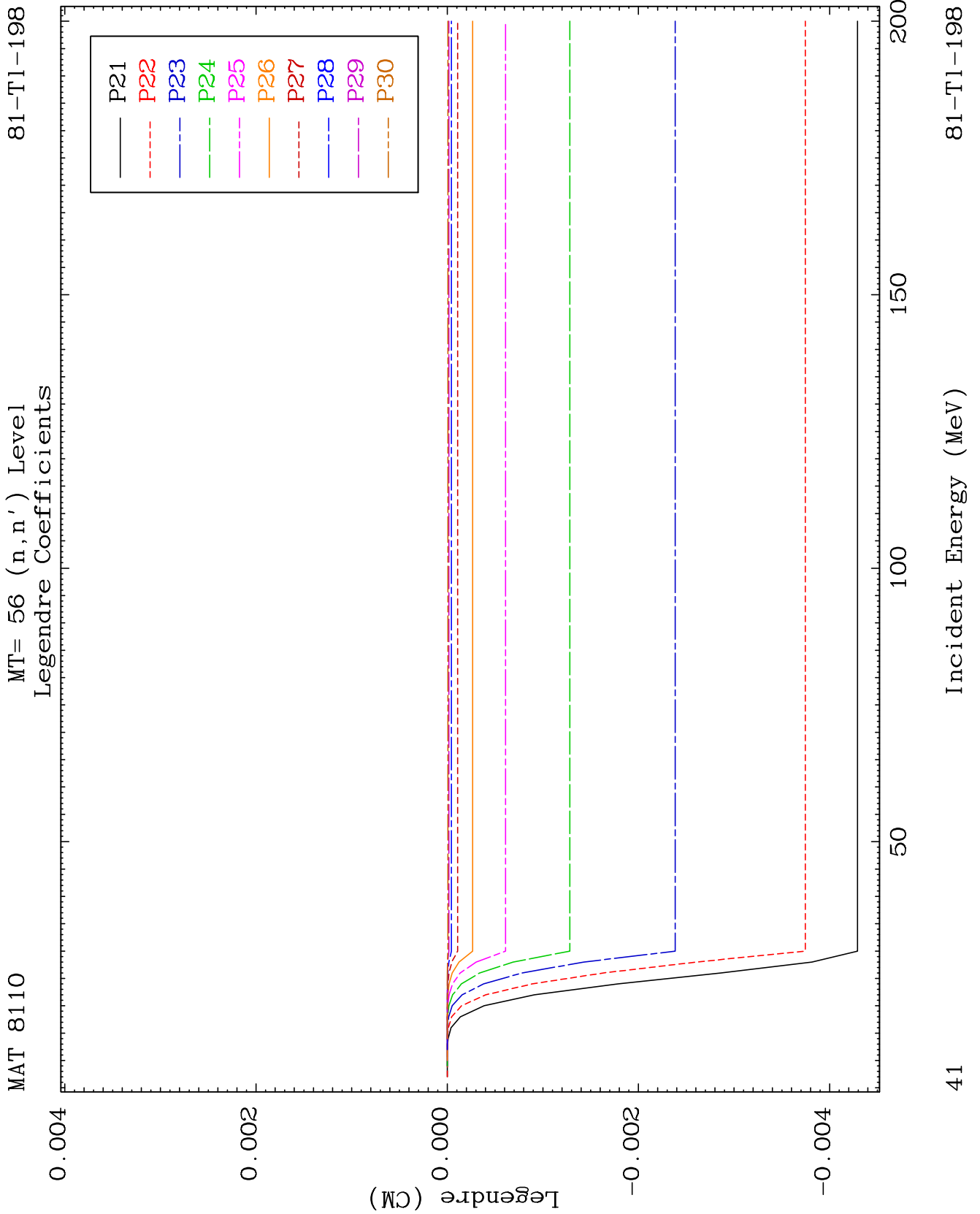
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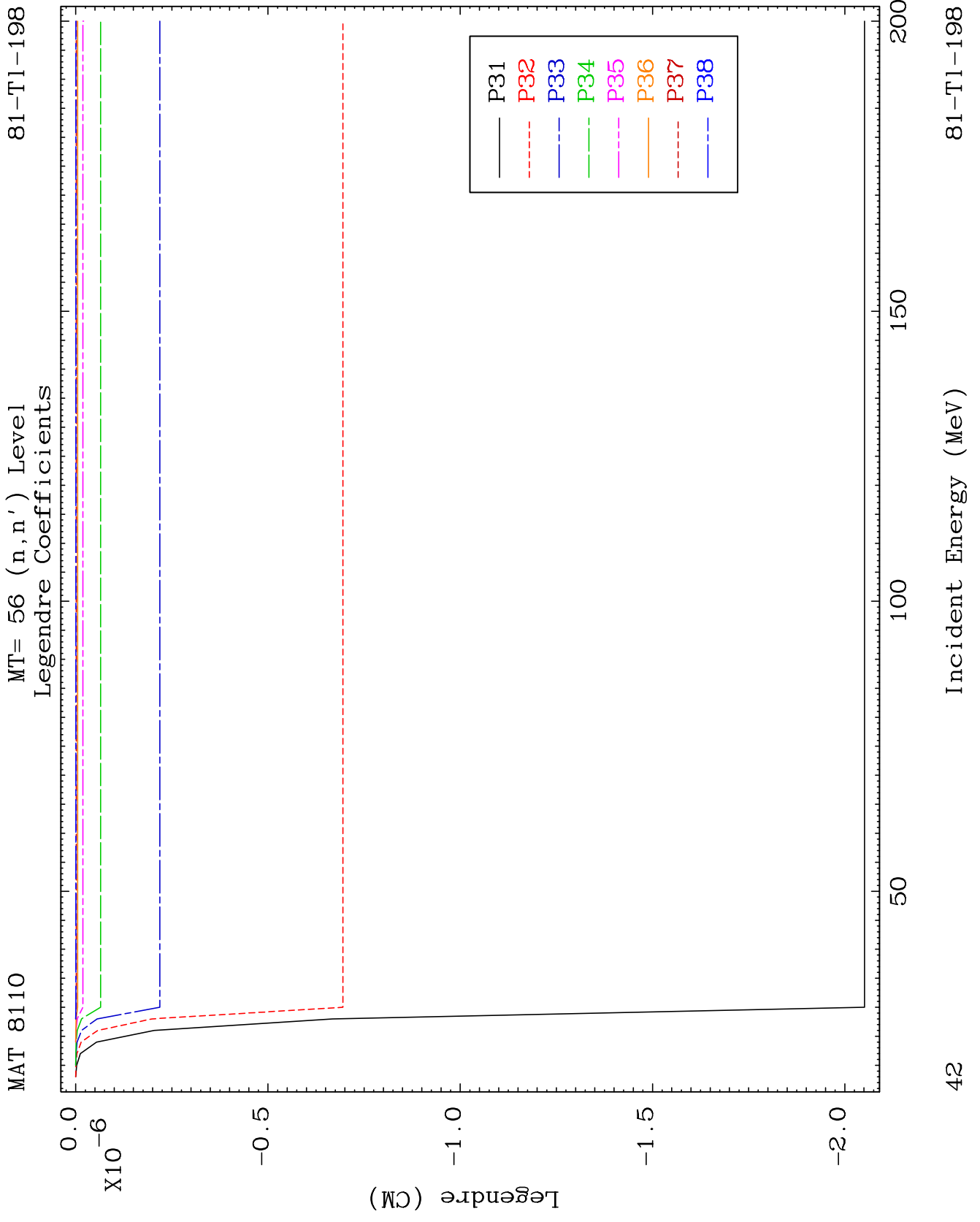








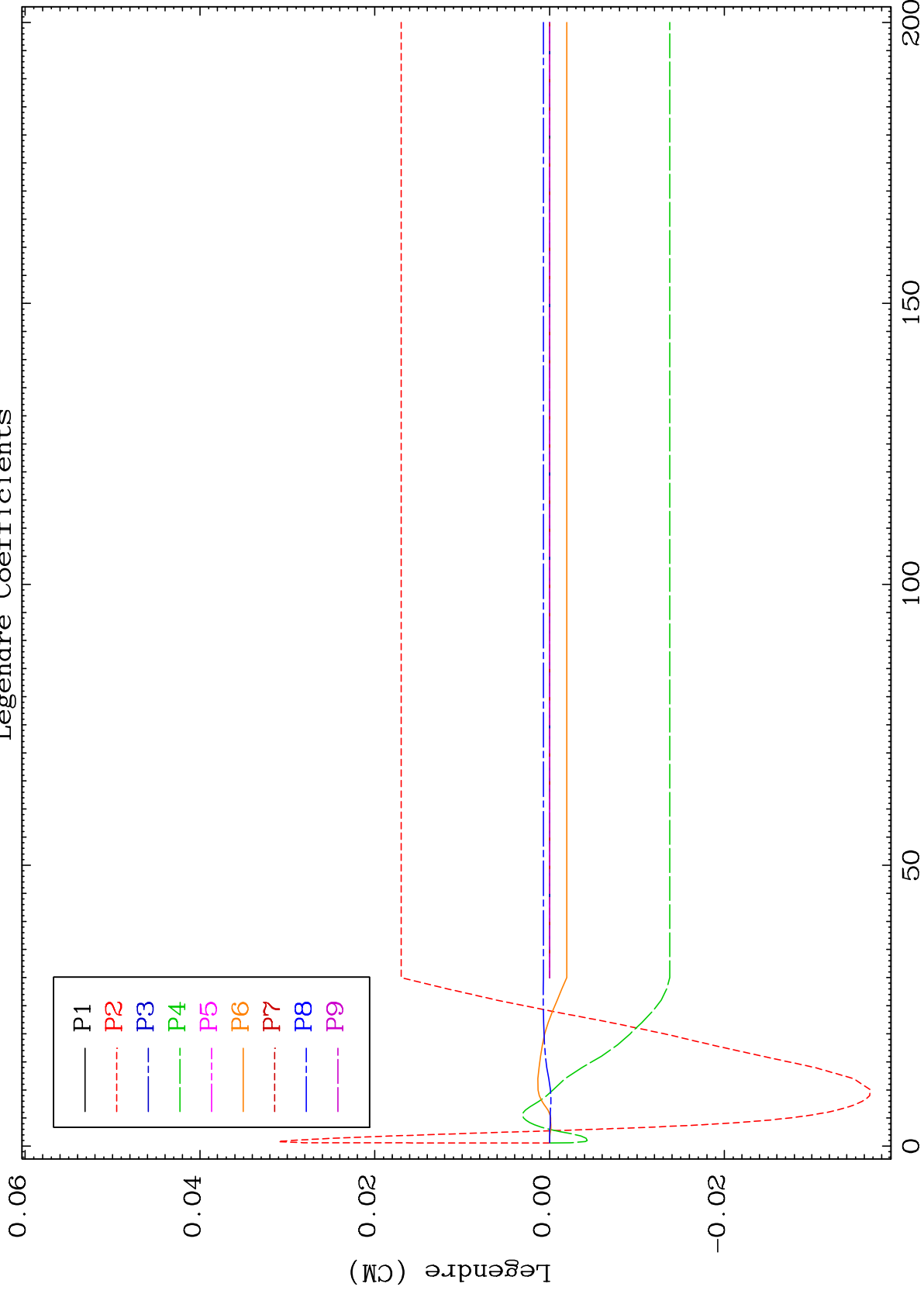




MAT 8110

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

81-T1-198



43

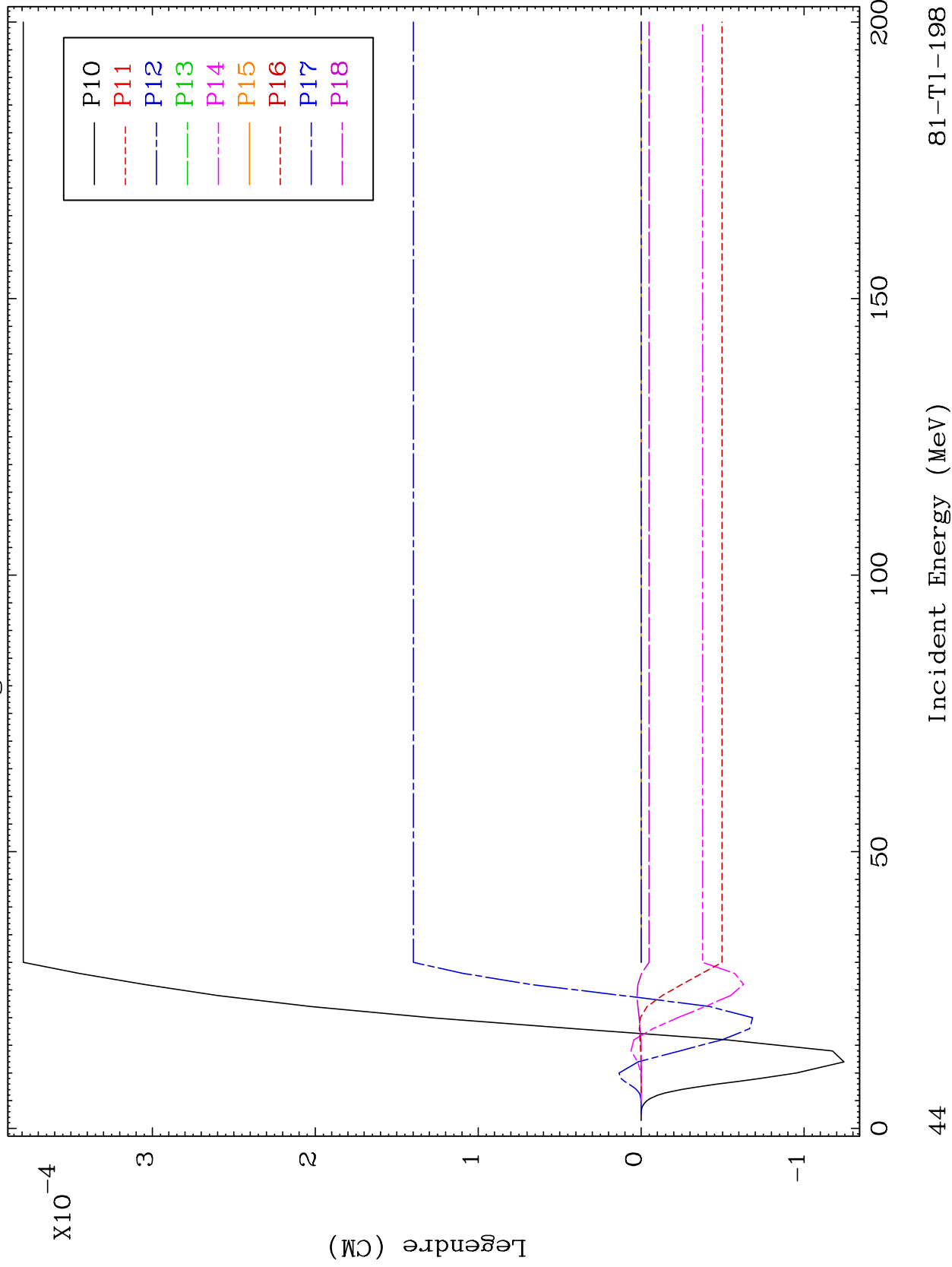
Incident Energy (MeV)

81-T1-198

MAT 8110

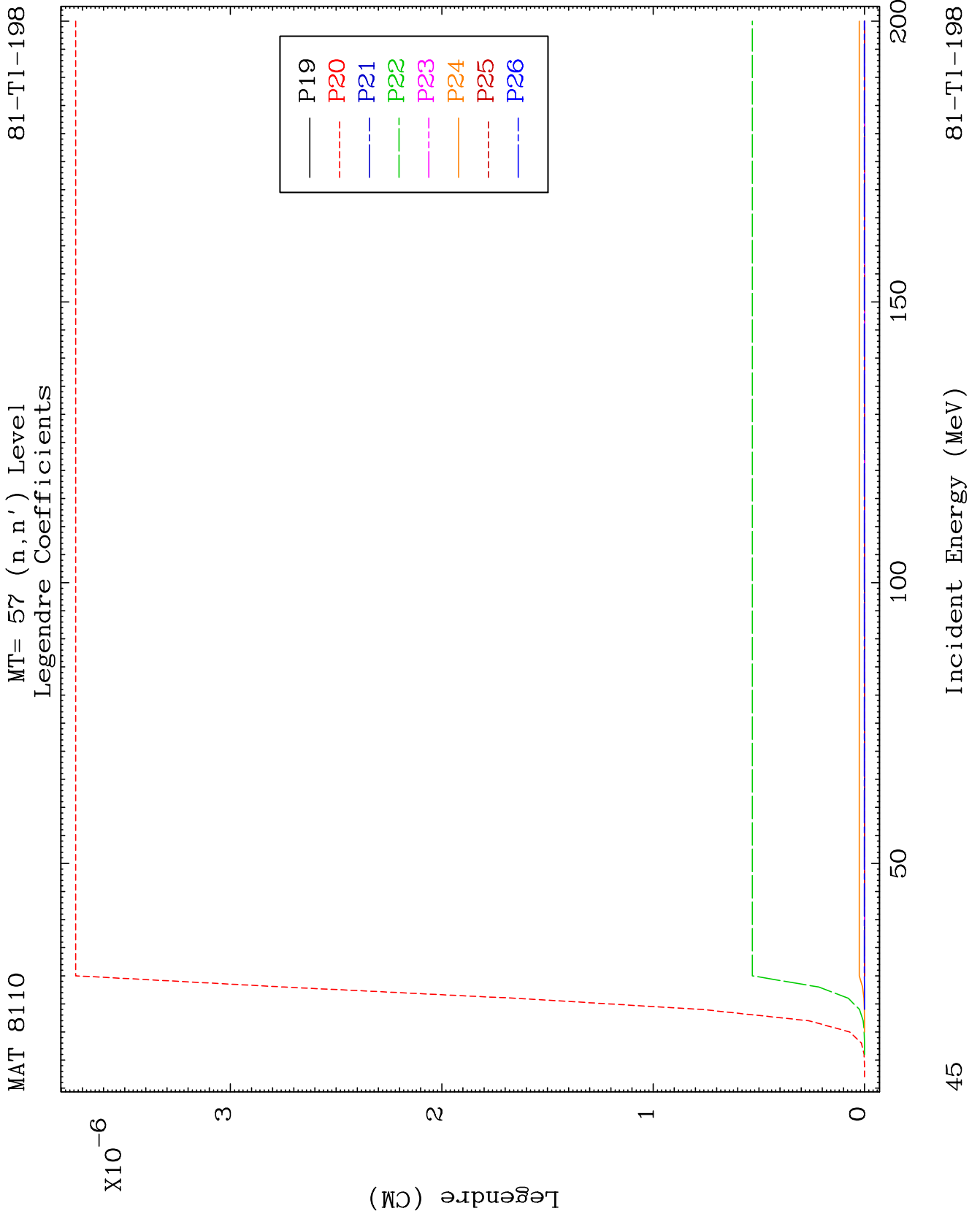
MT= 57 (n,n') Level  
Legendre Coefficients

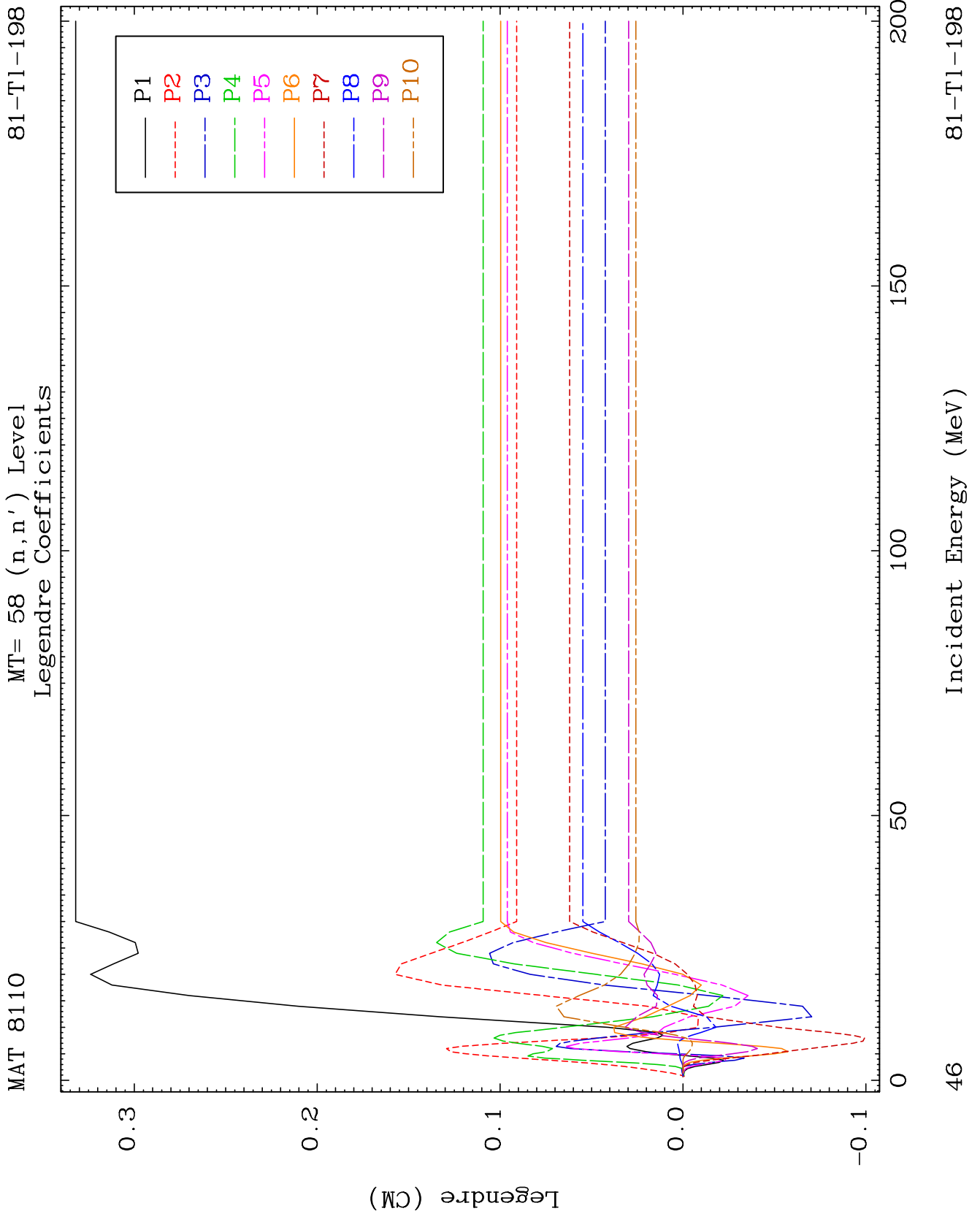
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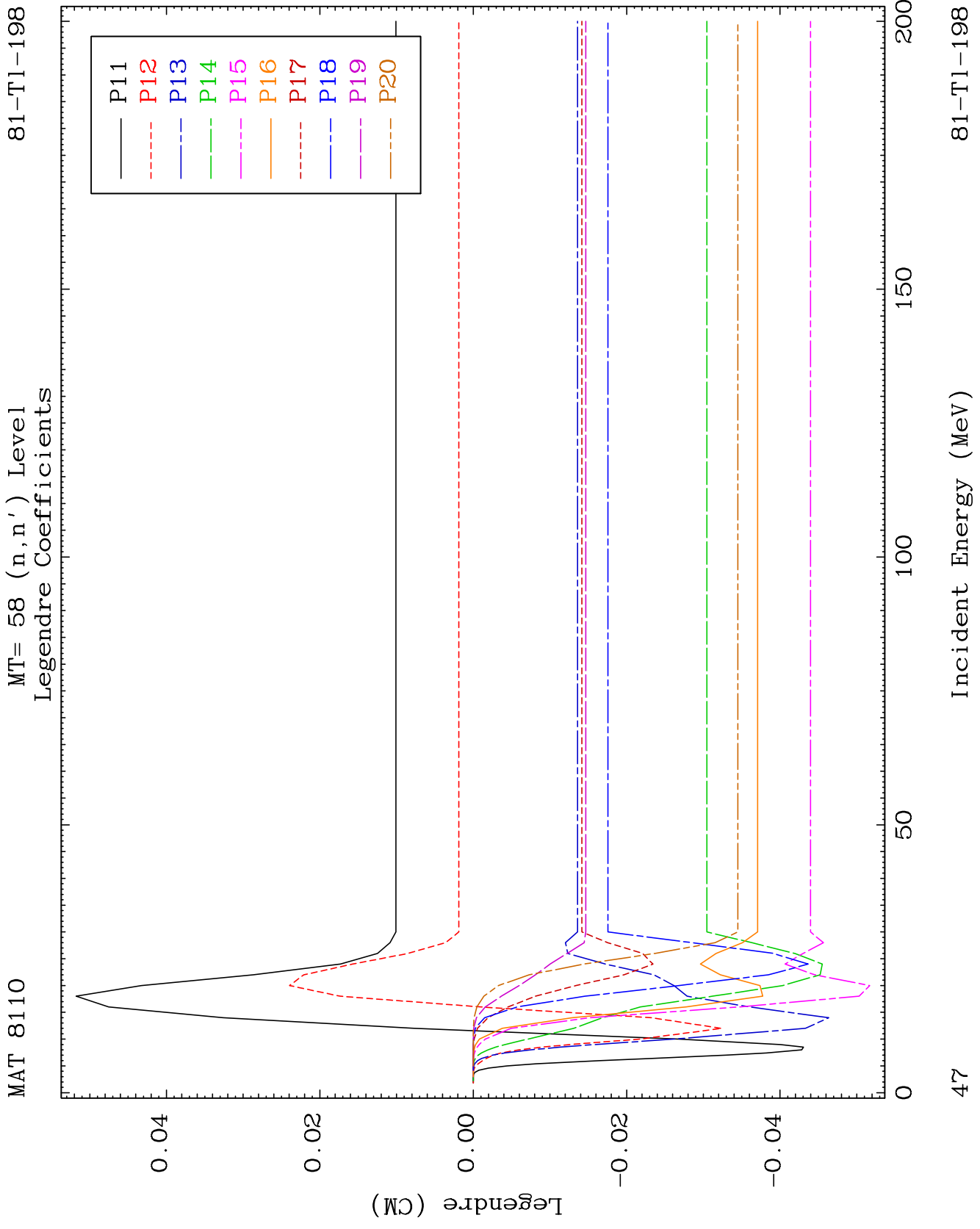


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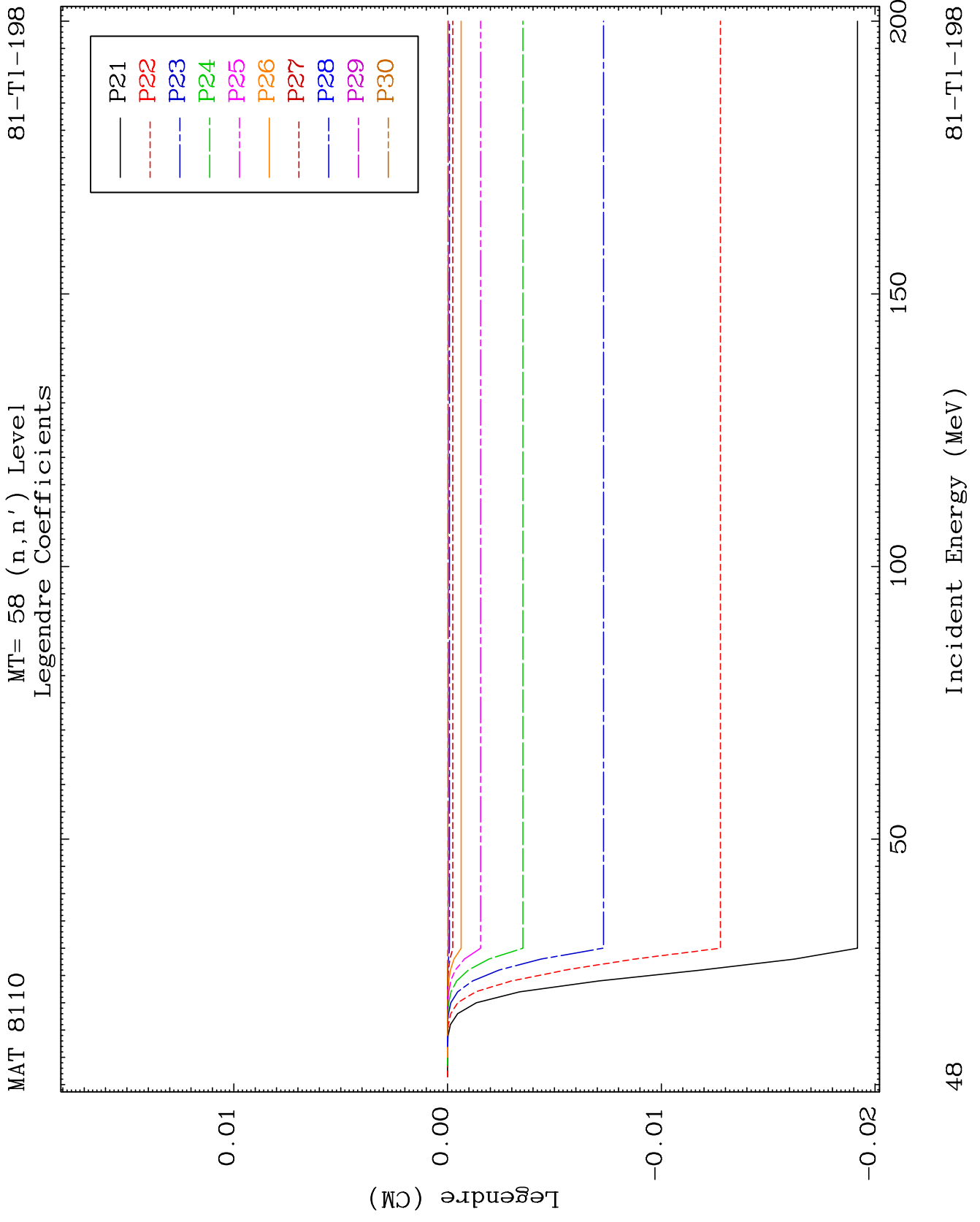
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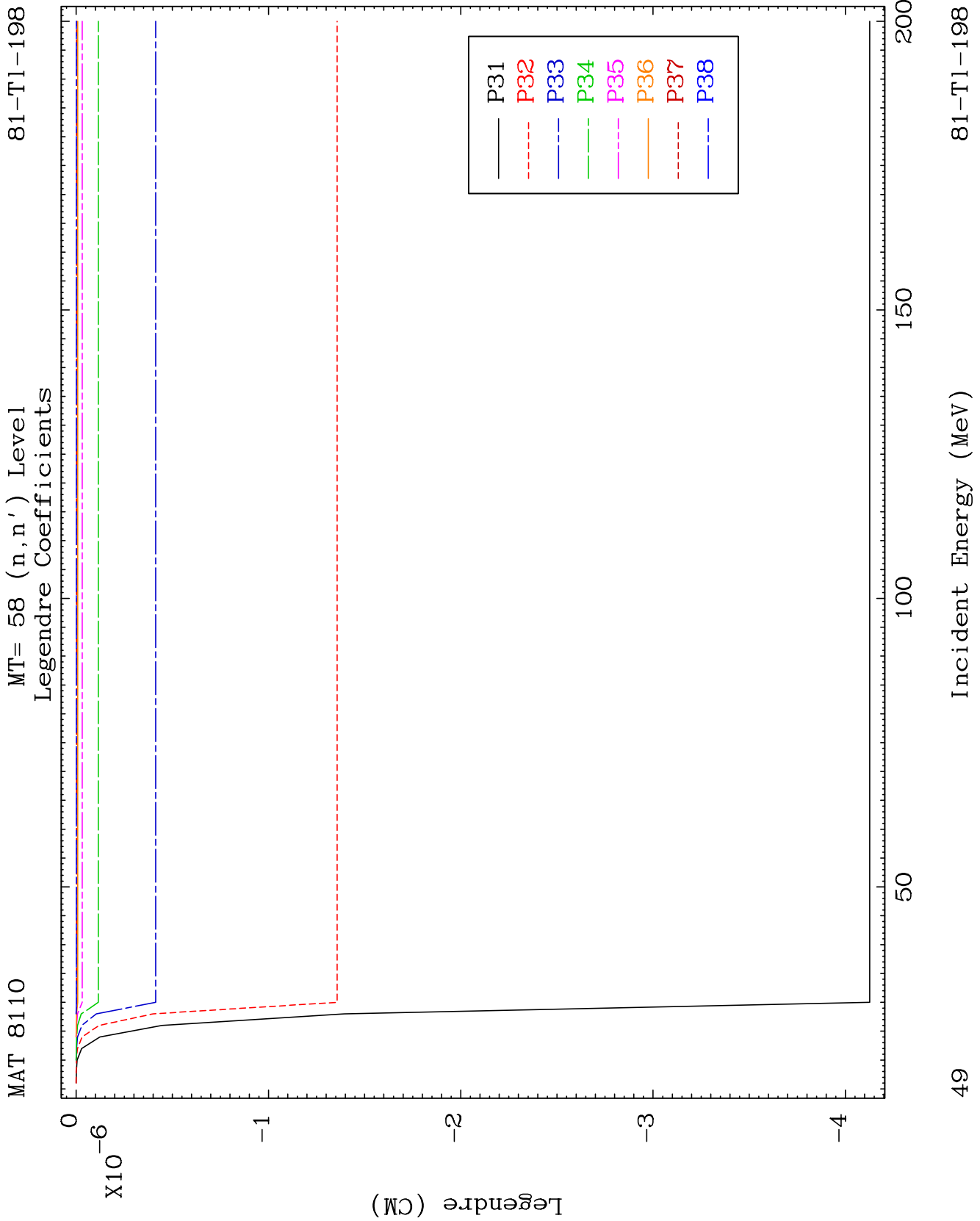


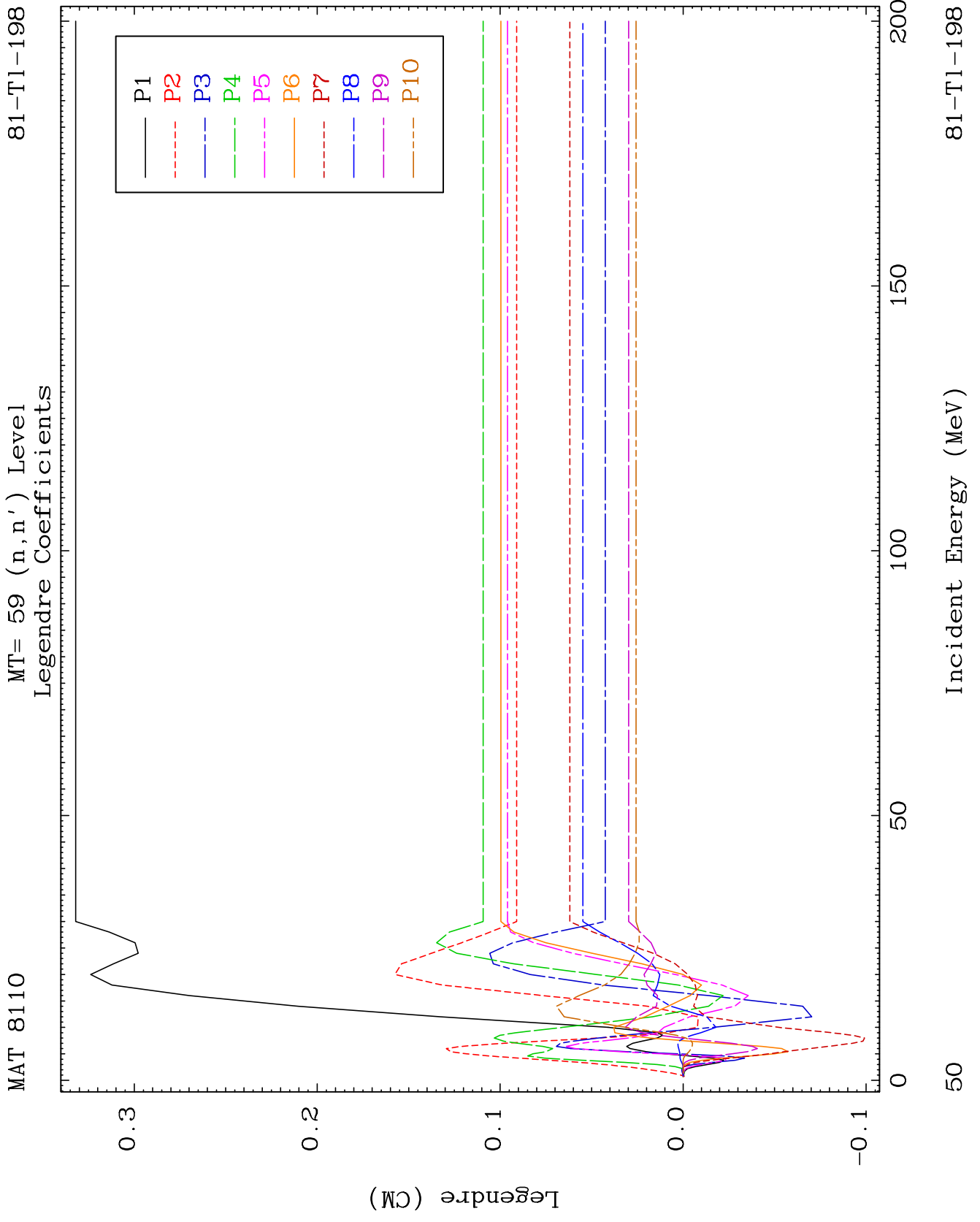


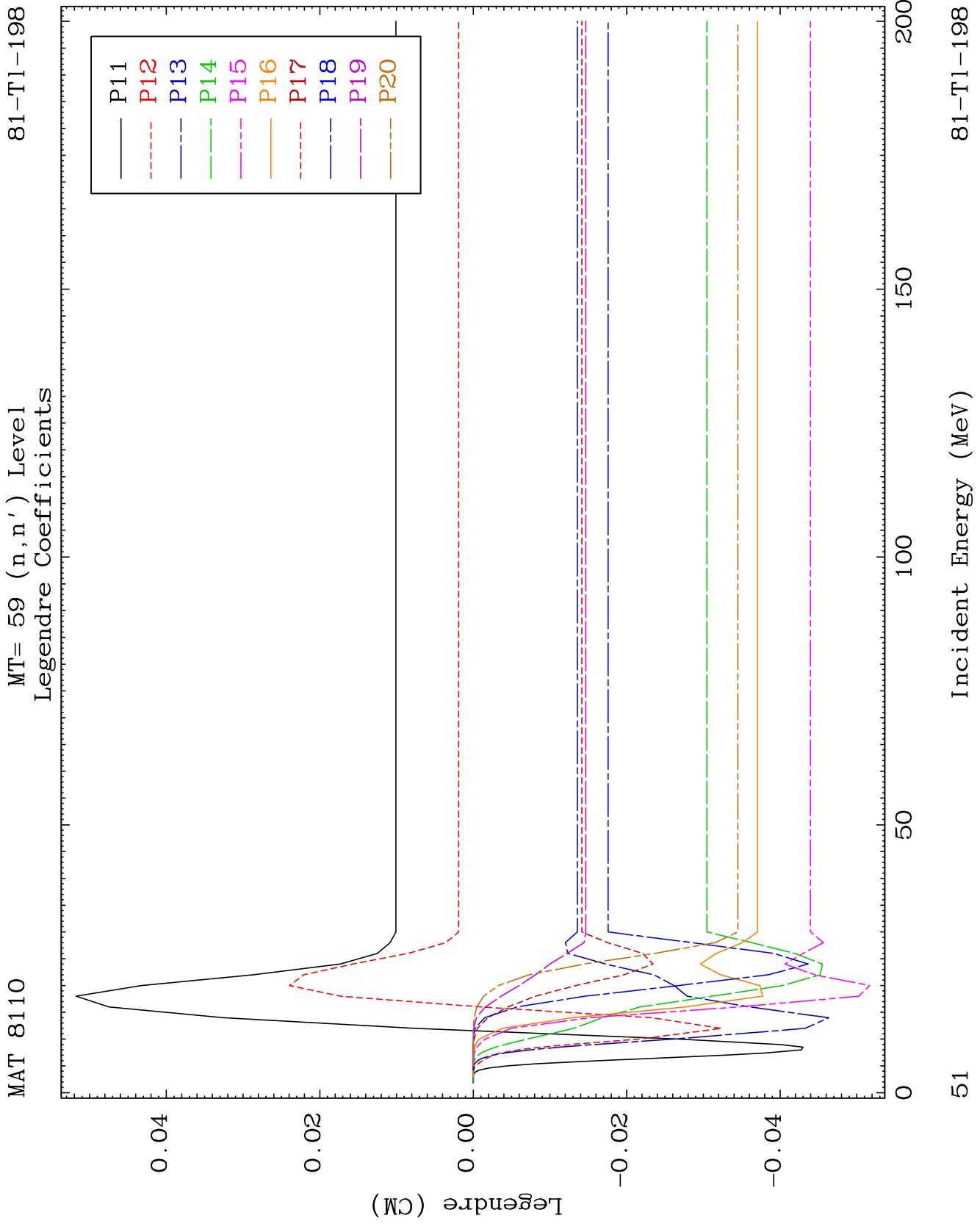








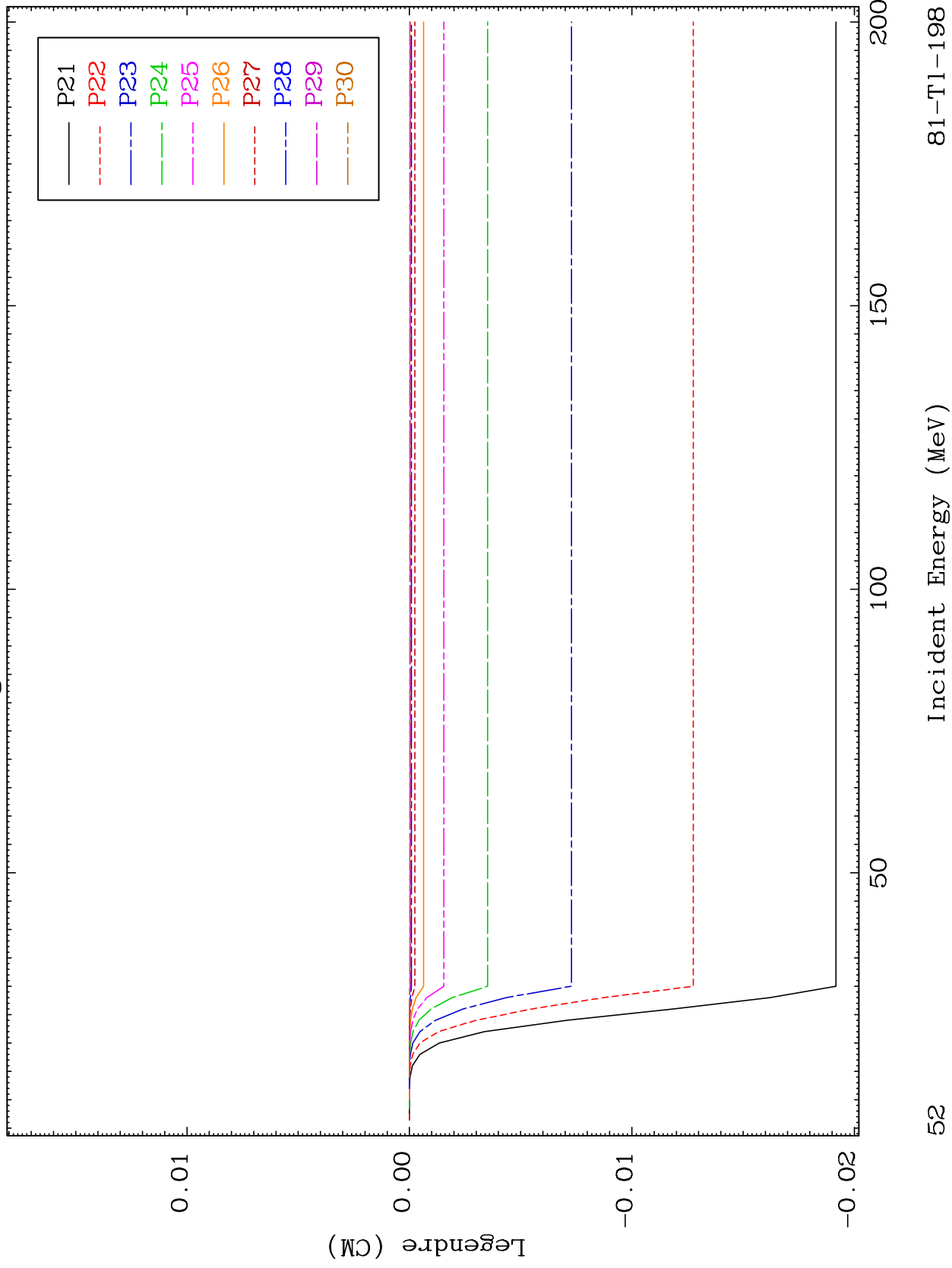




MAT 8110

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

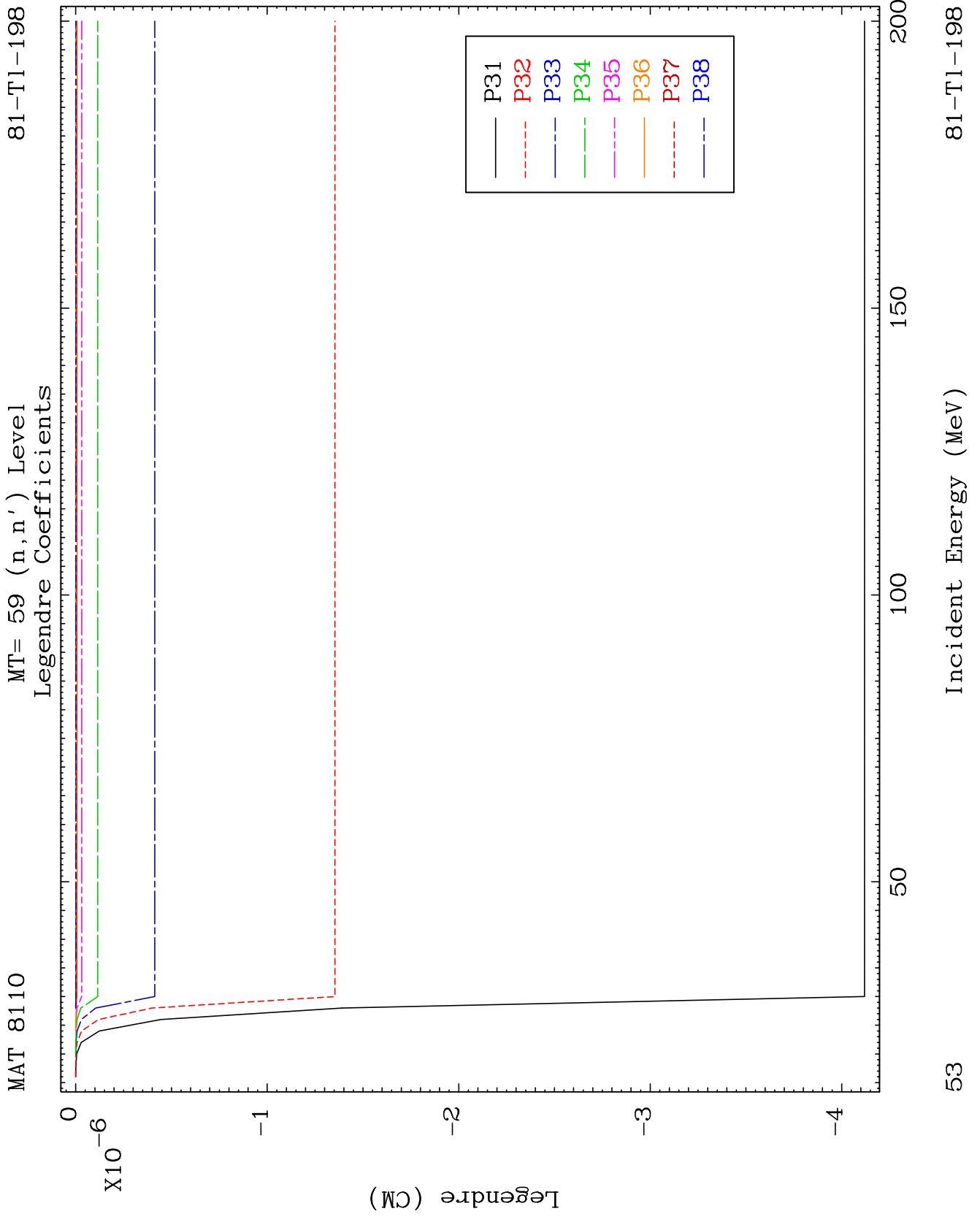
81-T1-198



52

Incident Energy (MeV)

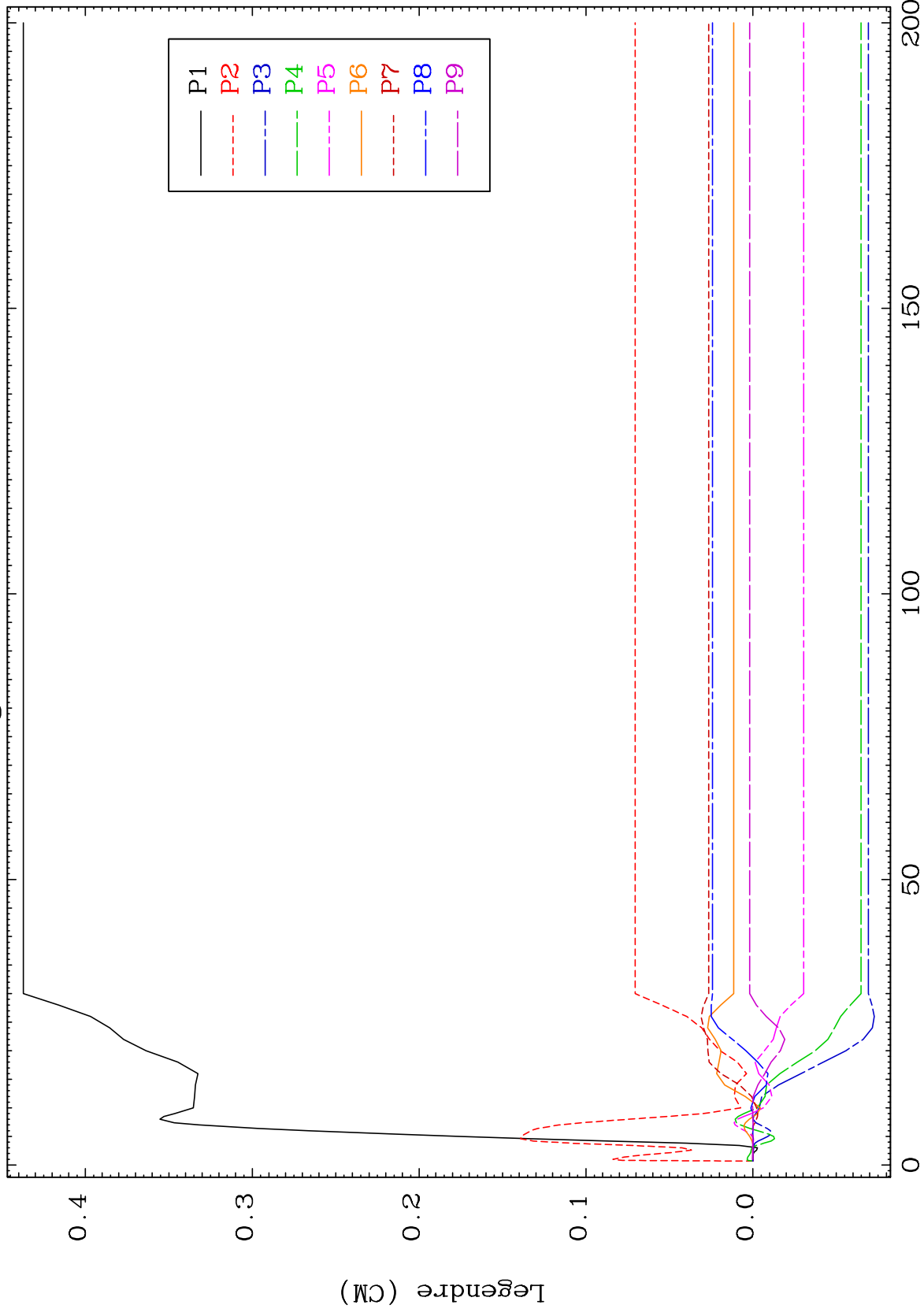
81-T1-198



MAT 8110

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

81-T1-198



54

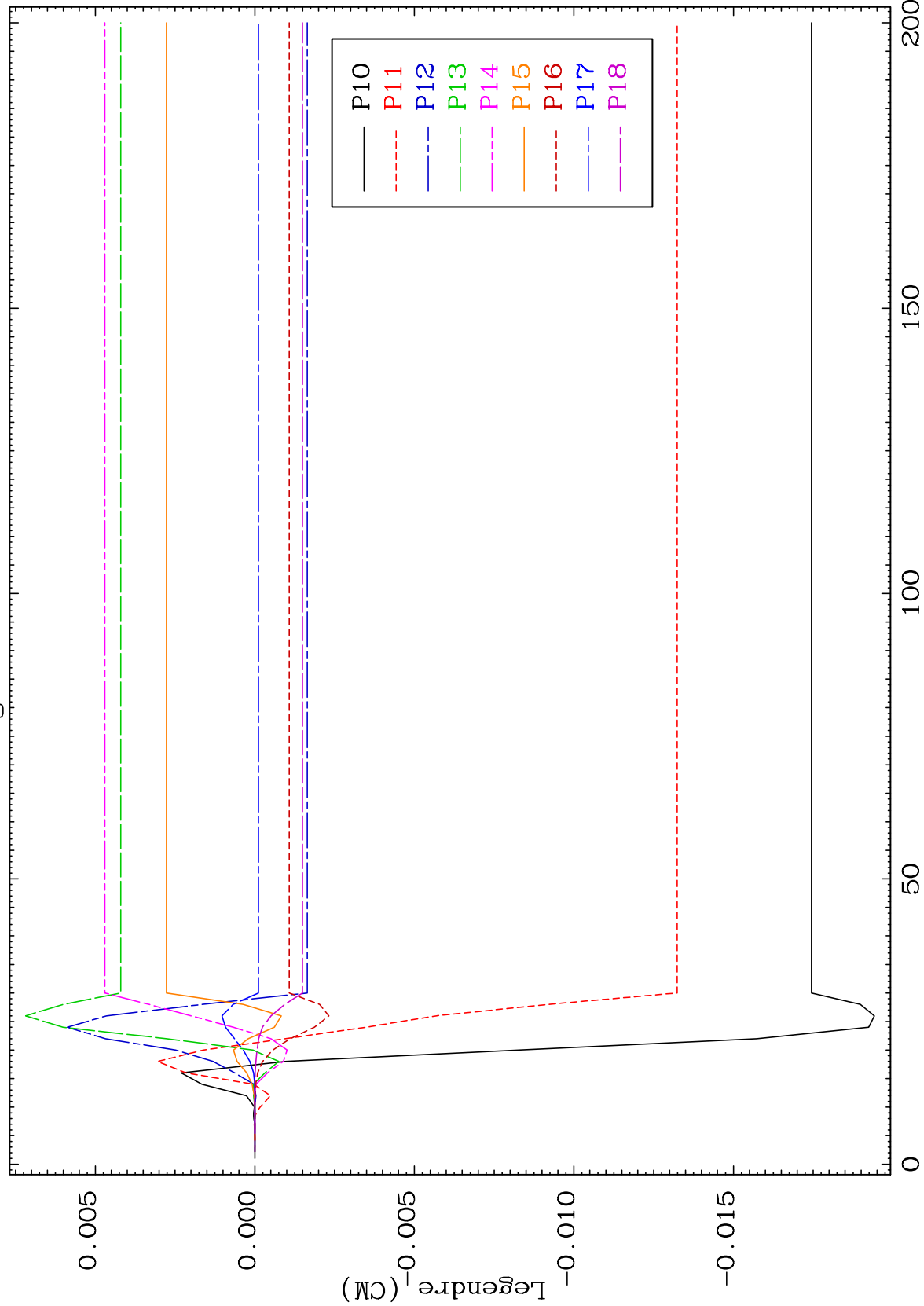
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-T1-198



55

Incident Energy (MeV)

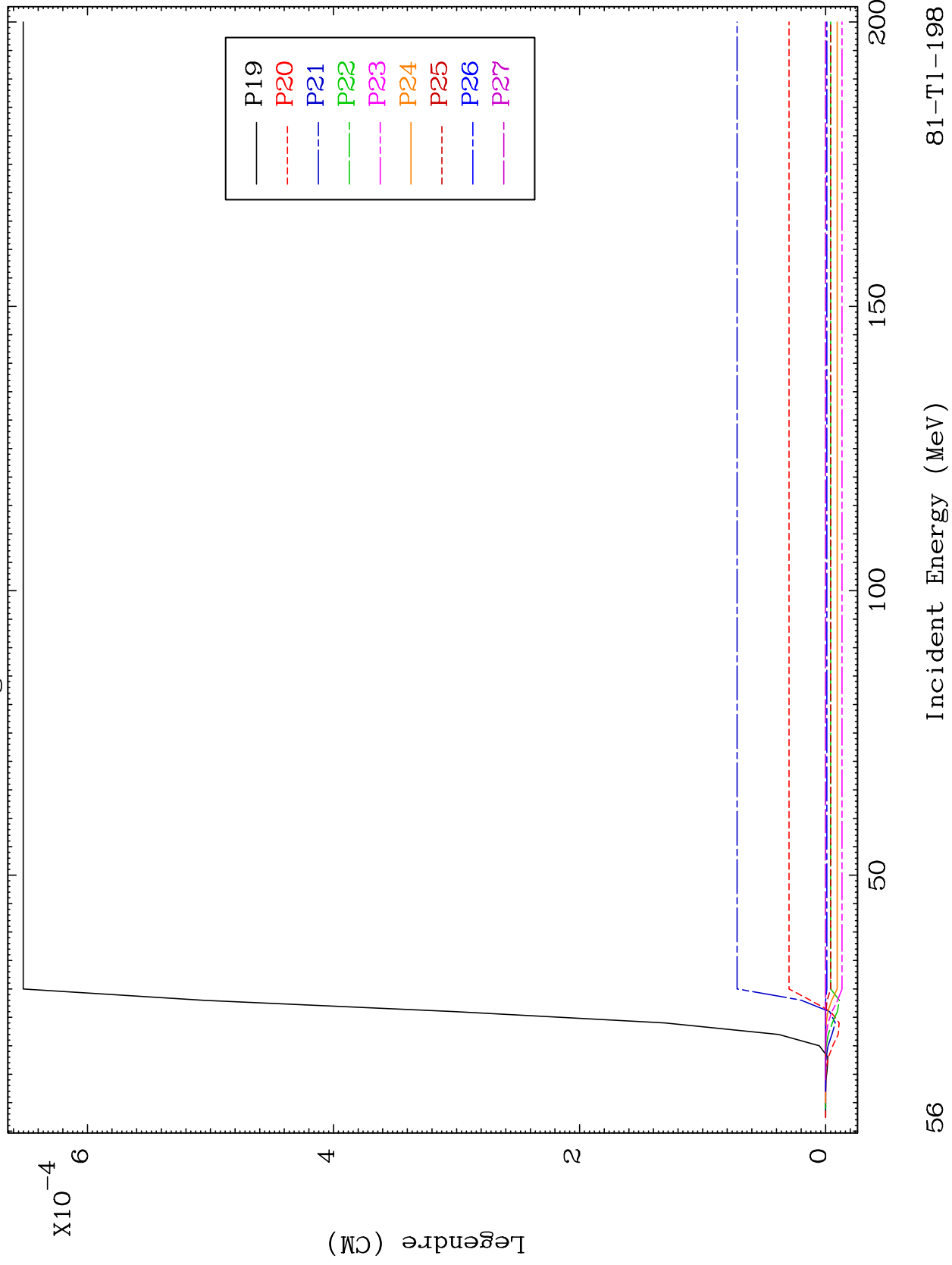
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MAT 8110

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

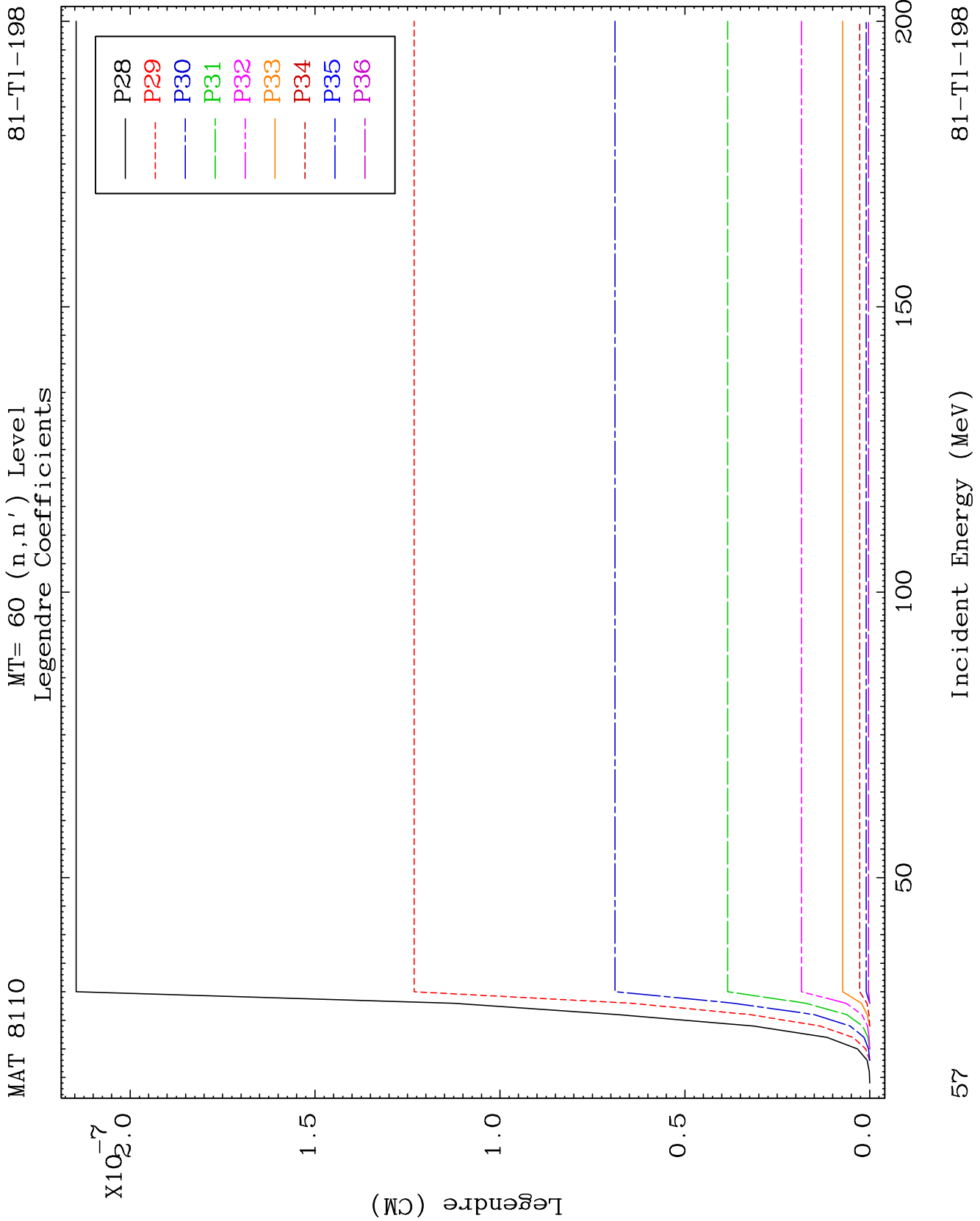
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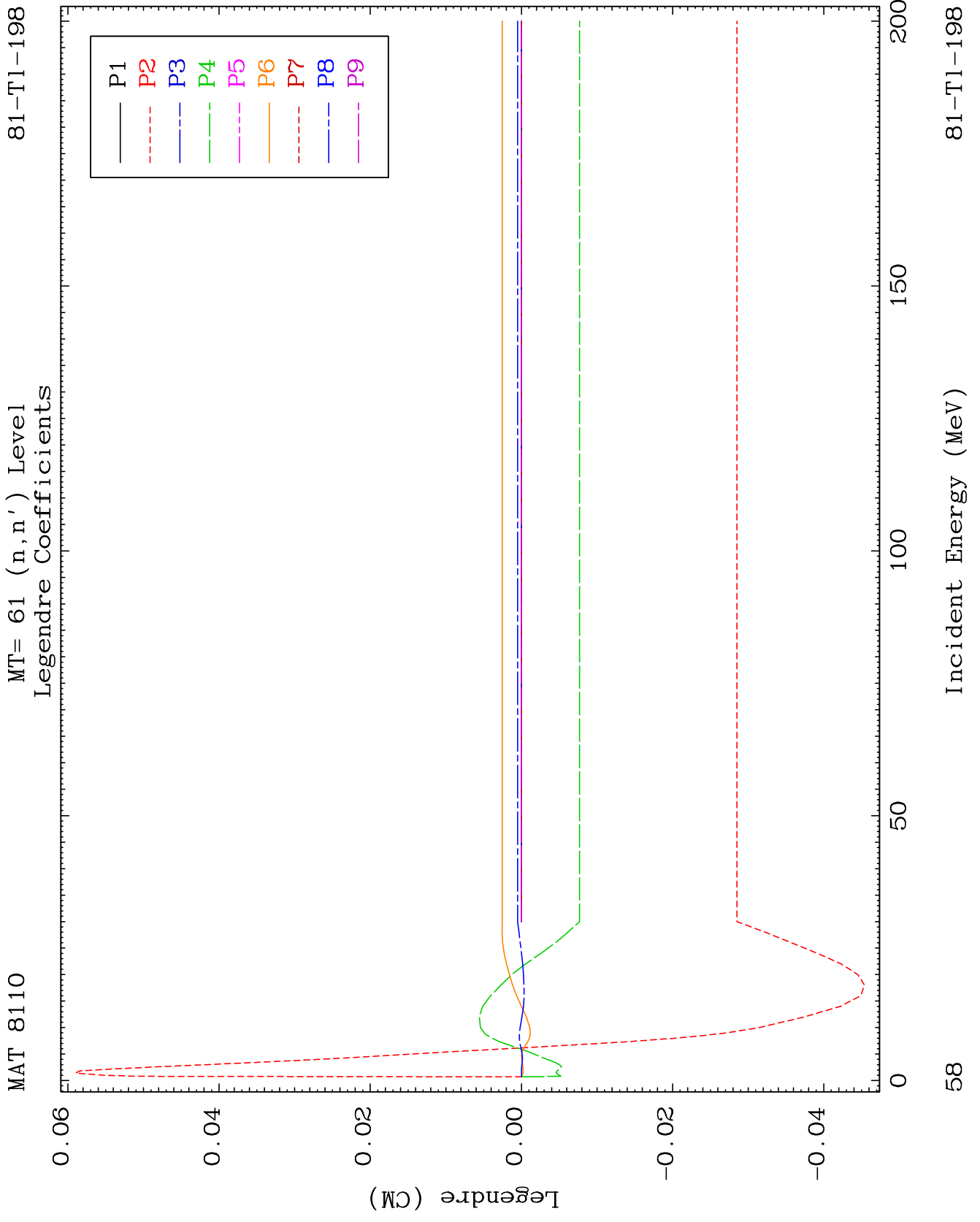


56

Incident Energy (MeV)

81-T1-198

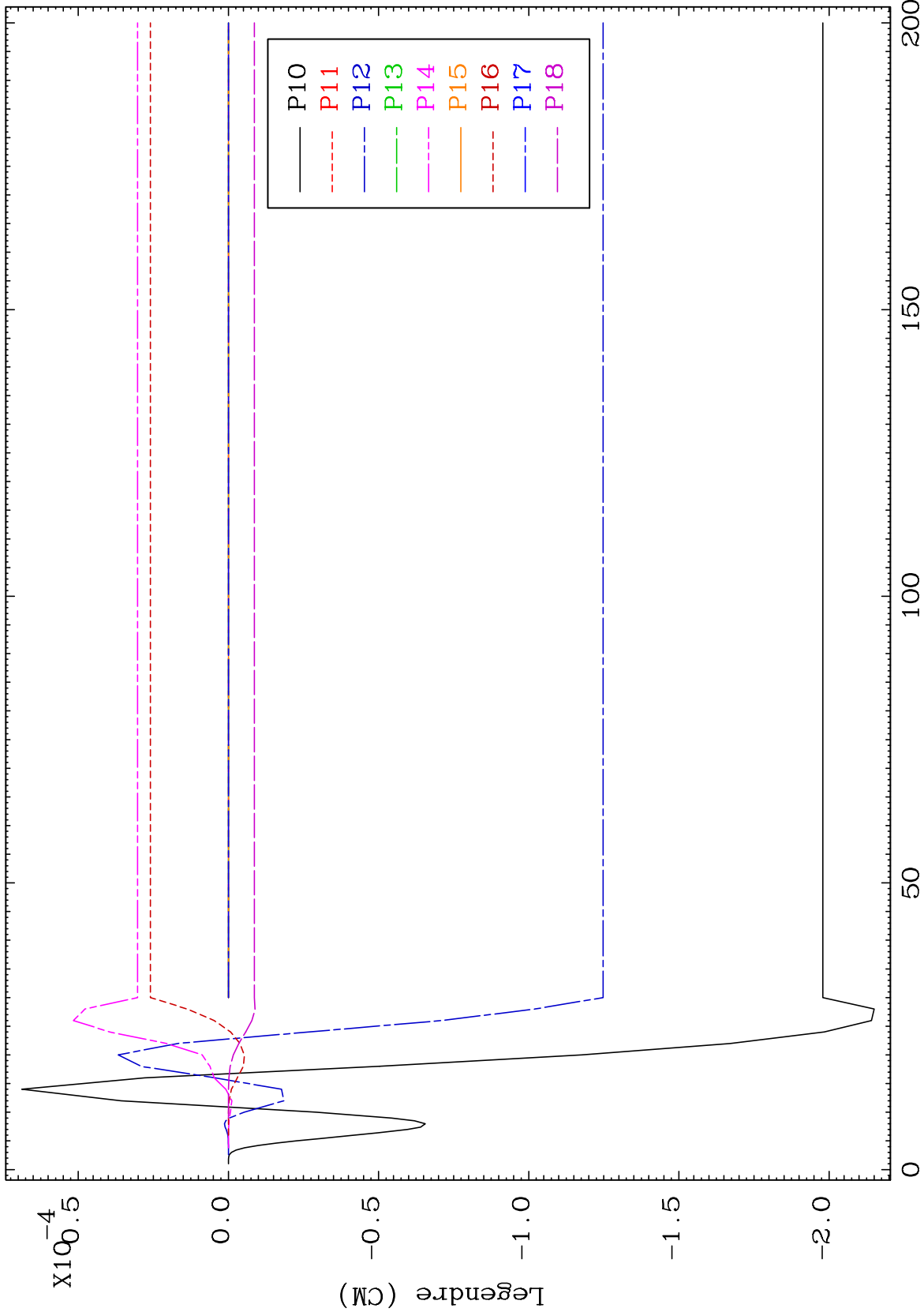




MAT 8110

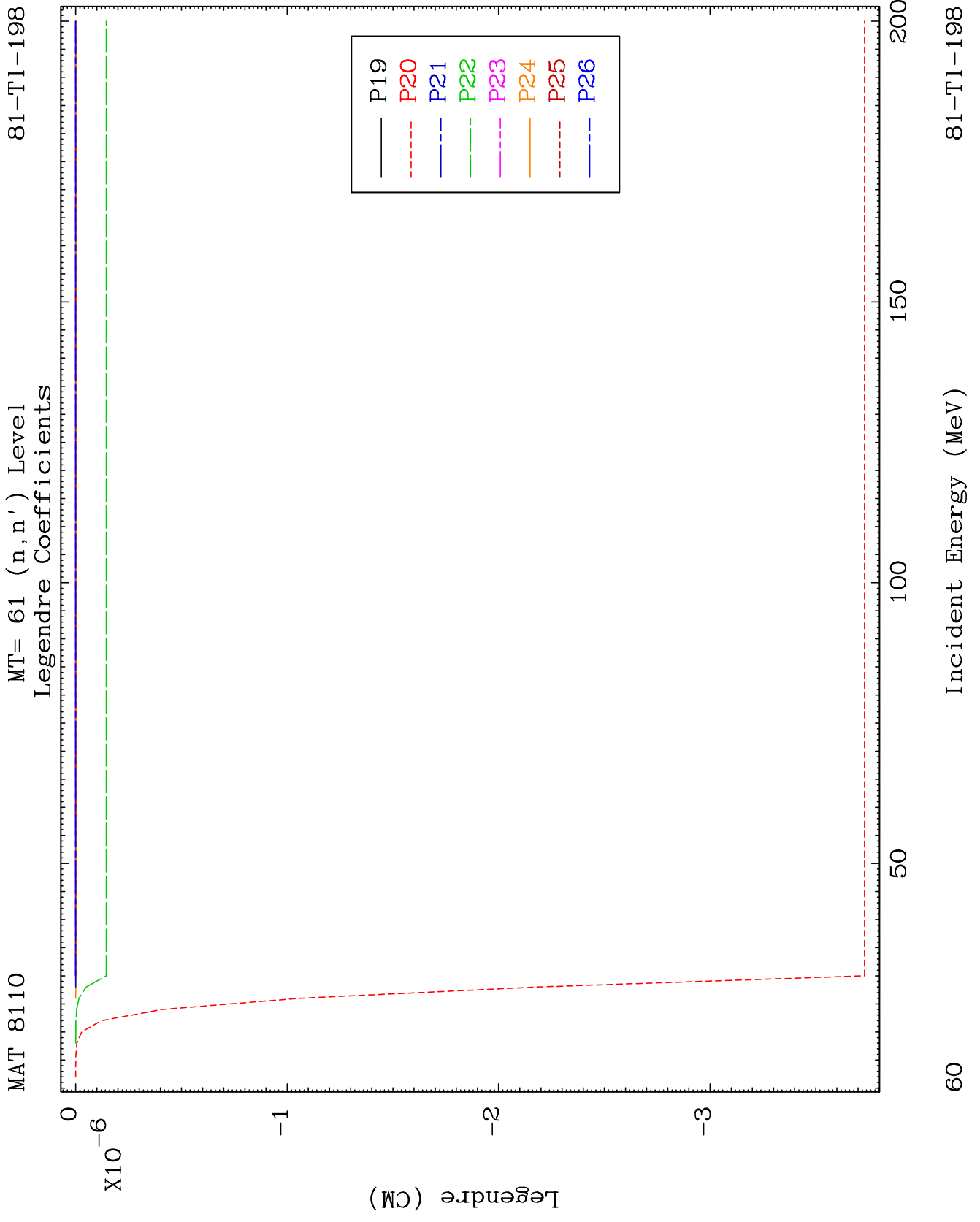
MT= 61 (n,n') Level  
Legendre Coefficients

81-T1-198



59

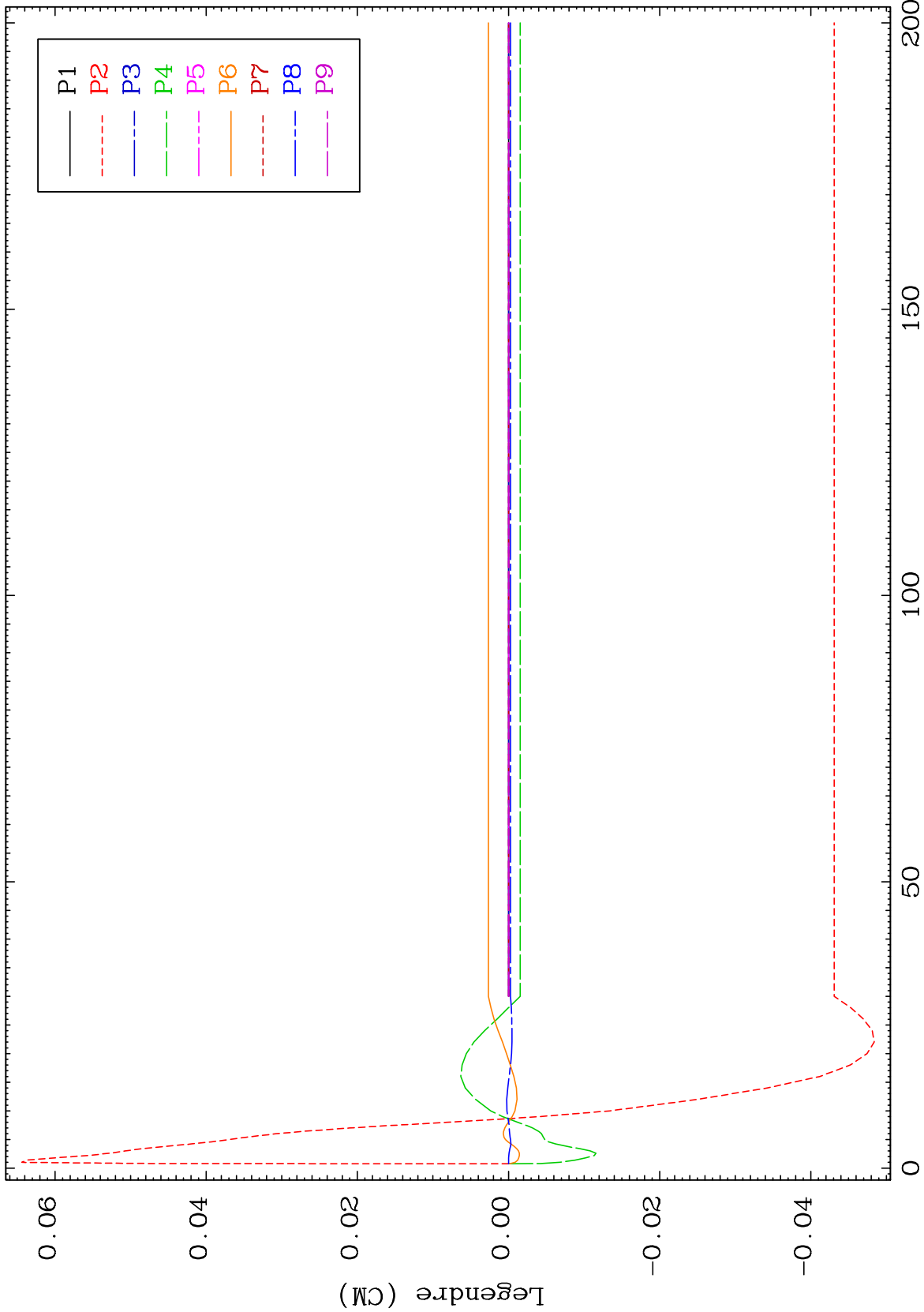
81-T1-198



MAT 8110

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

81-T1-198



61

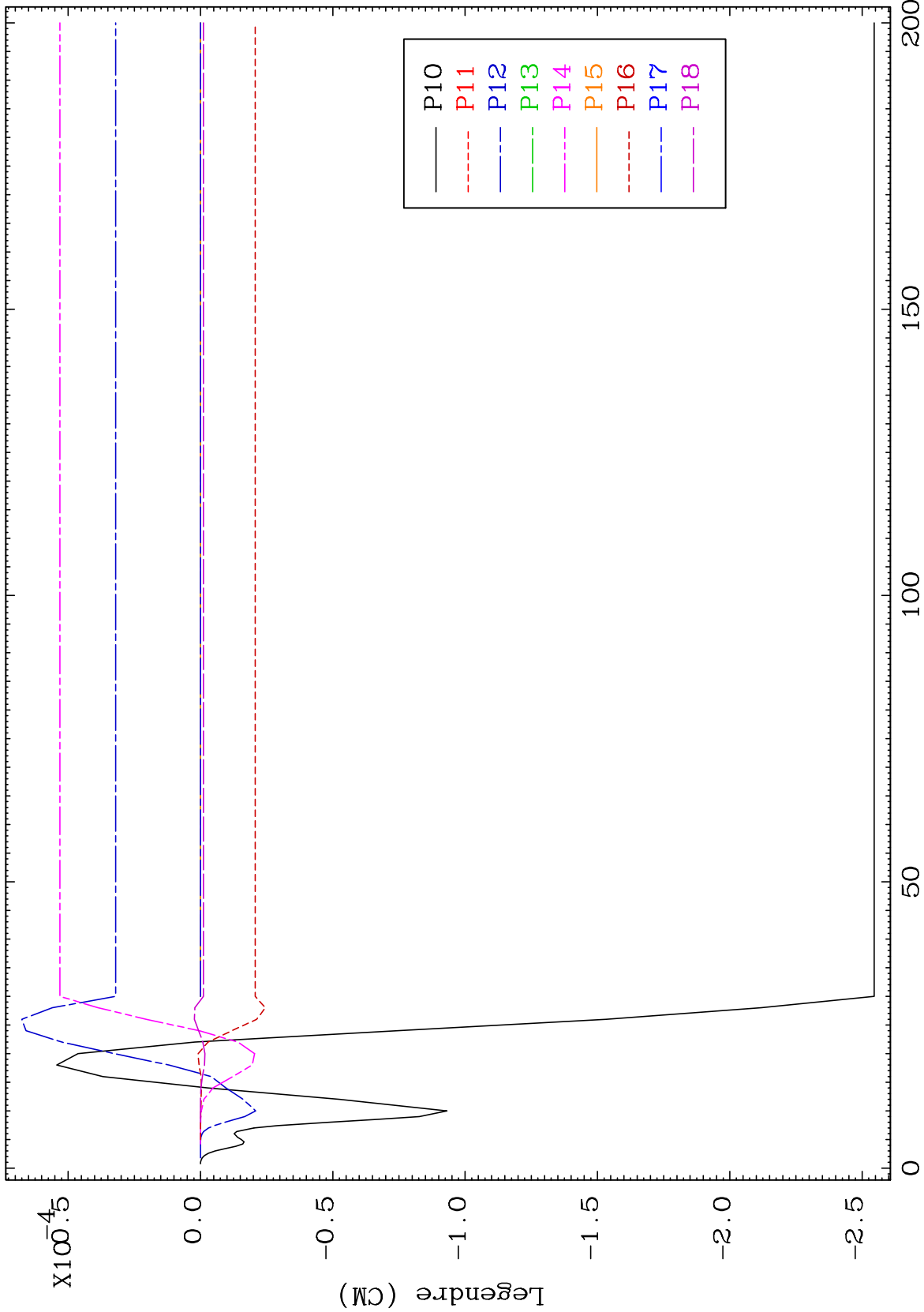
Incident Energy (MeV)

81-T1-198

MAT 8110

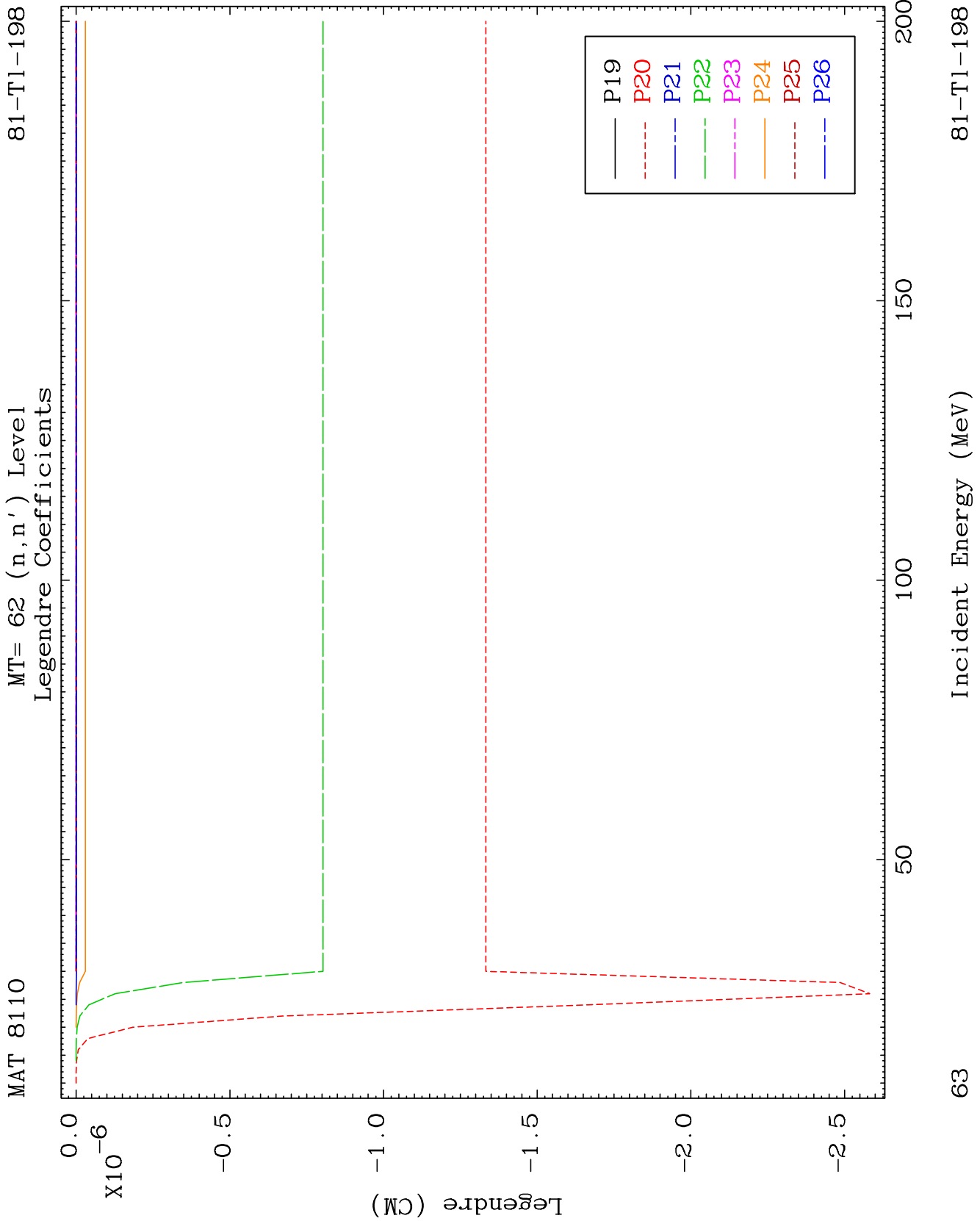
MT= 62 (n,n') Level  
Legendre Coefficients

81-T1-198



62

81-T1-198

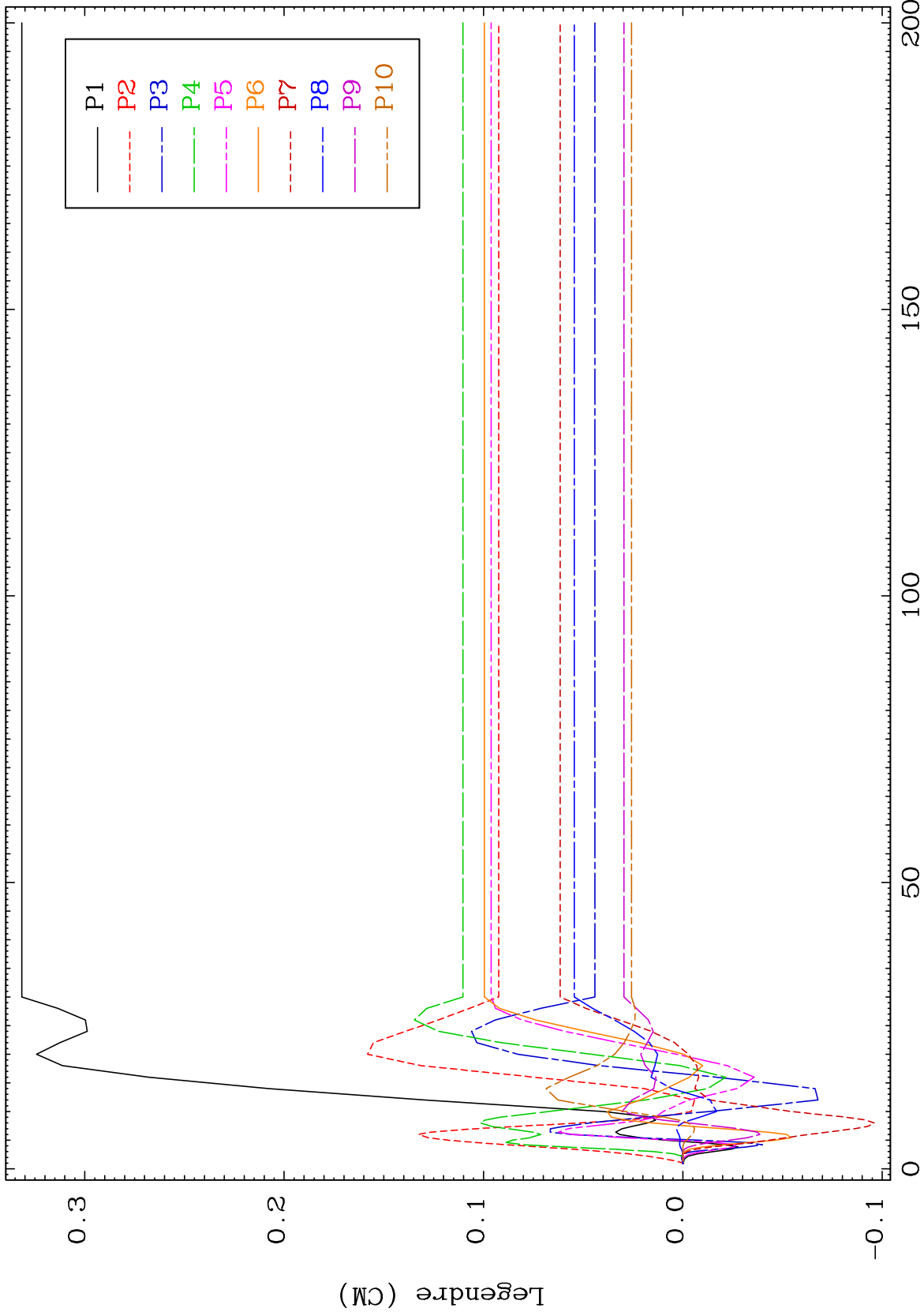




MAT 8110

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

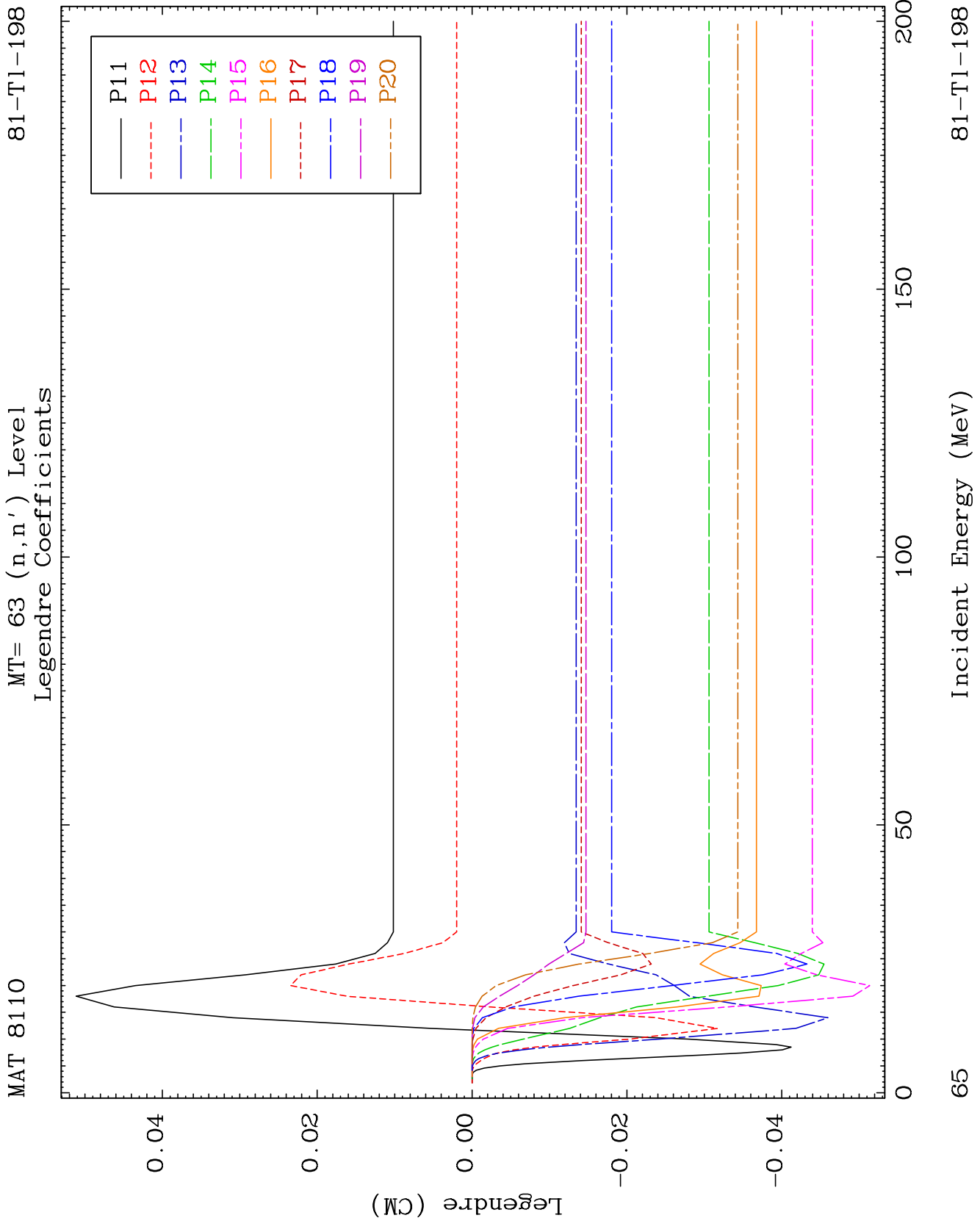
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64

Incident Energy (MeV)

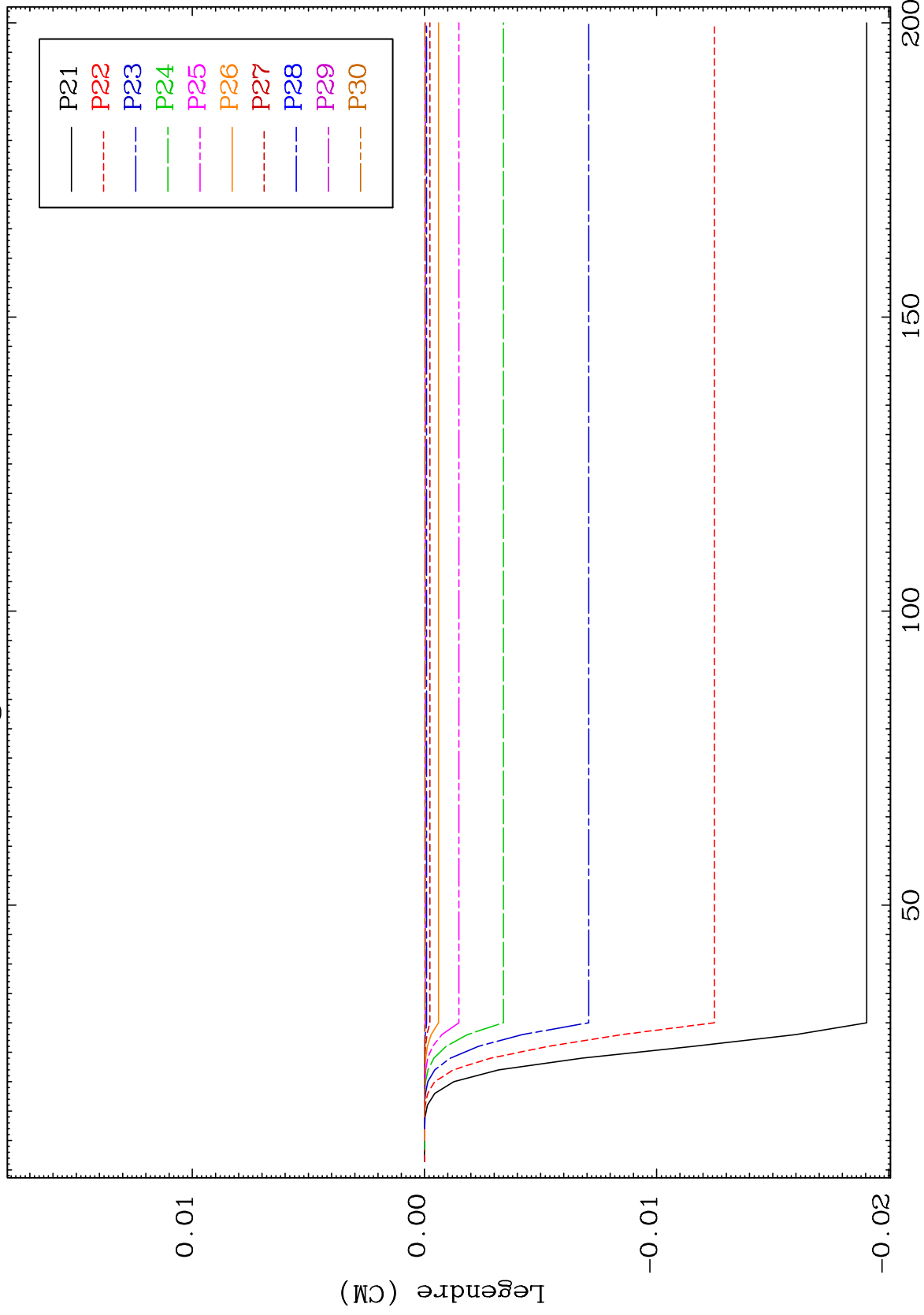
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MAT 8110

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

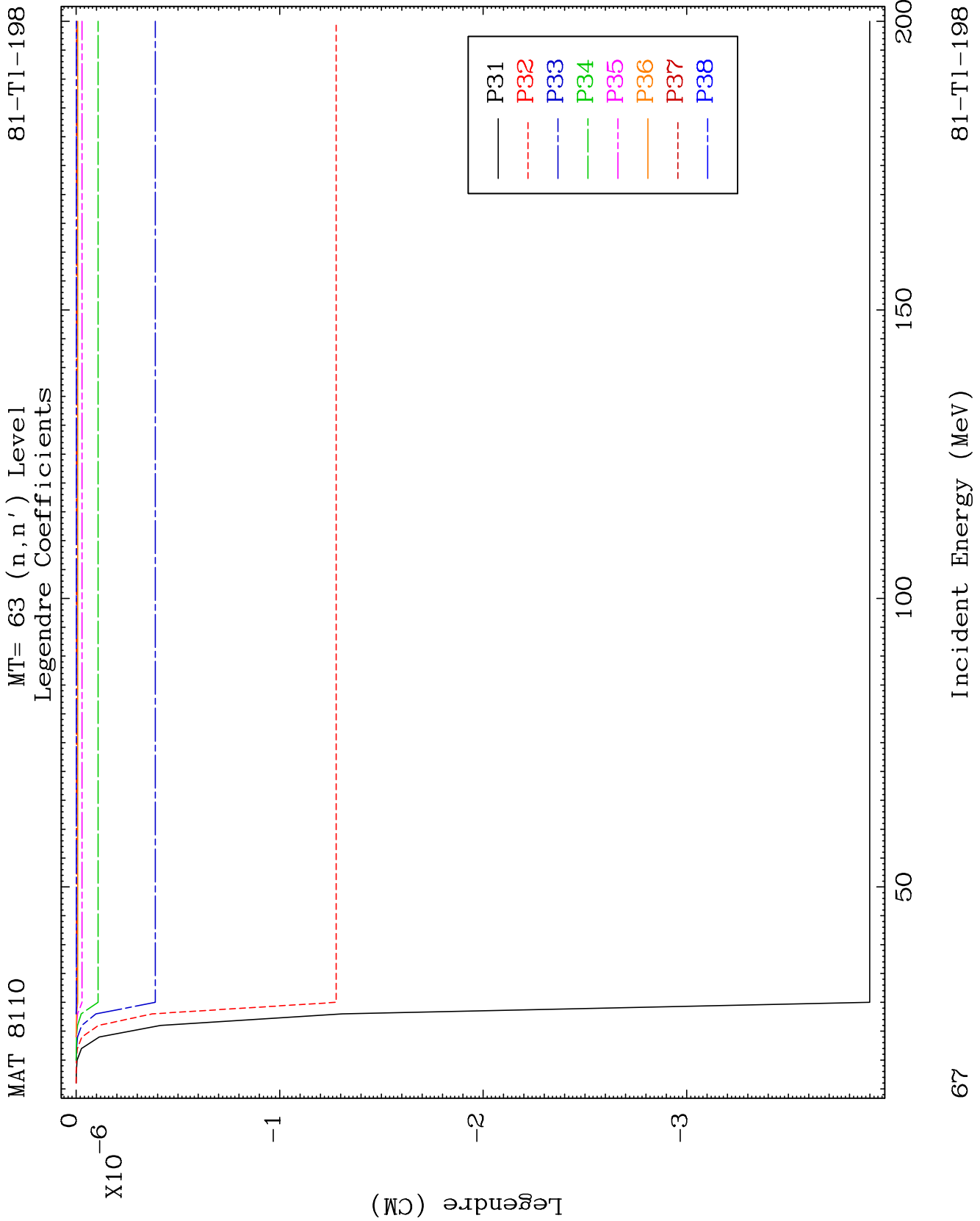
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66

Incident Energy (MeV)

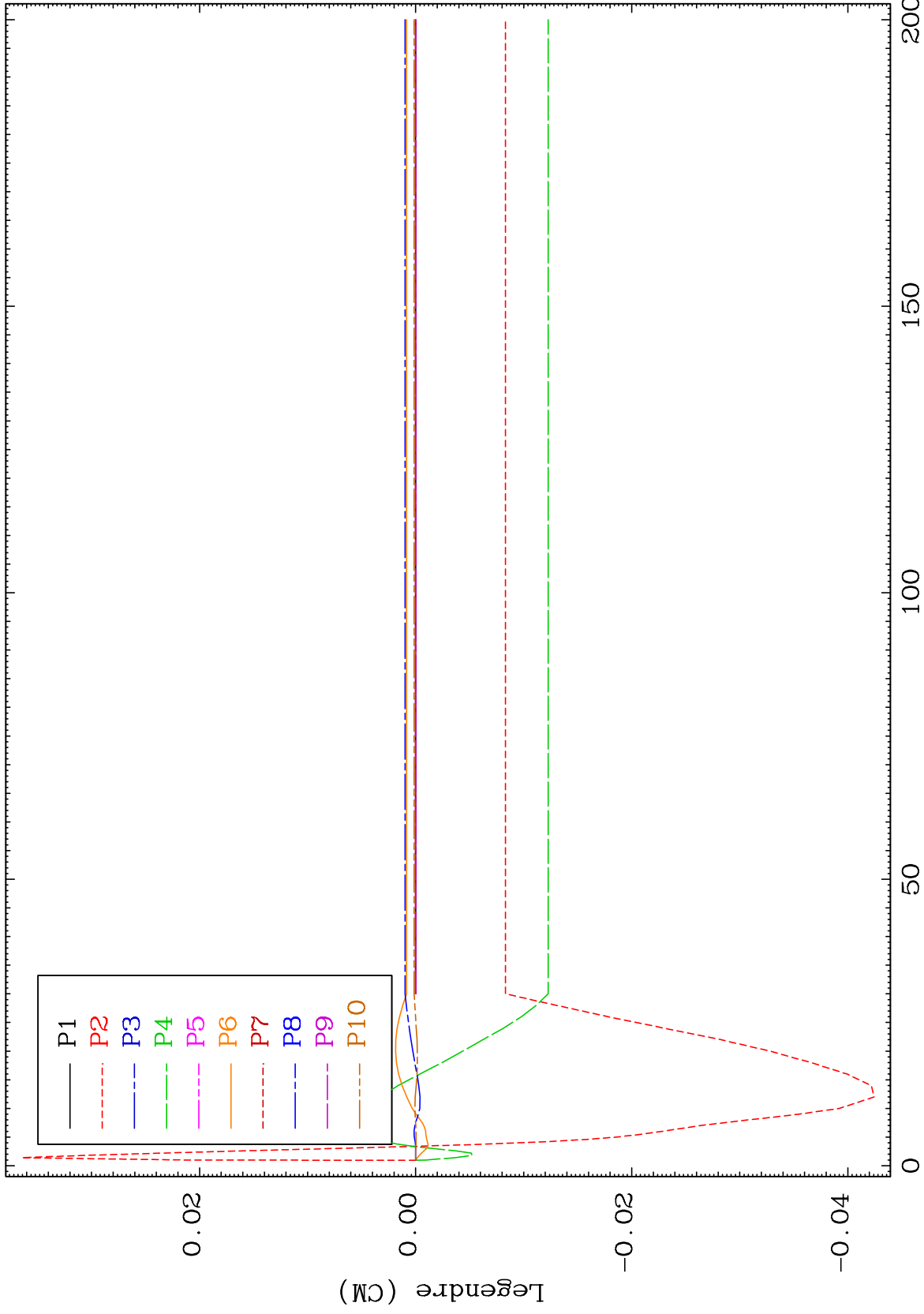
81-T1-198



MAT 8110

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

81-T1-198



68

Incident Energy (MeV)

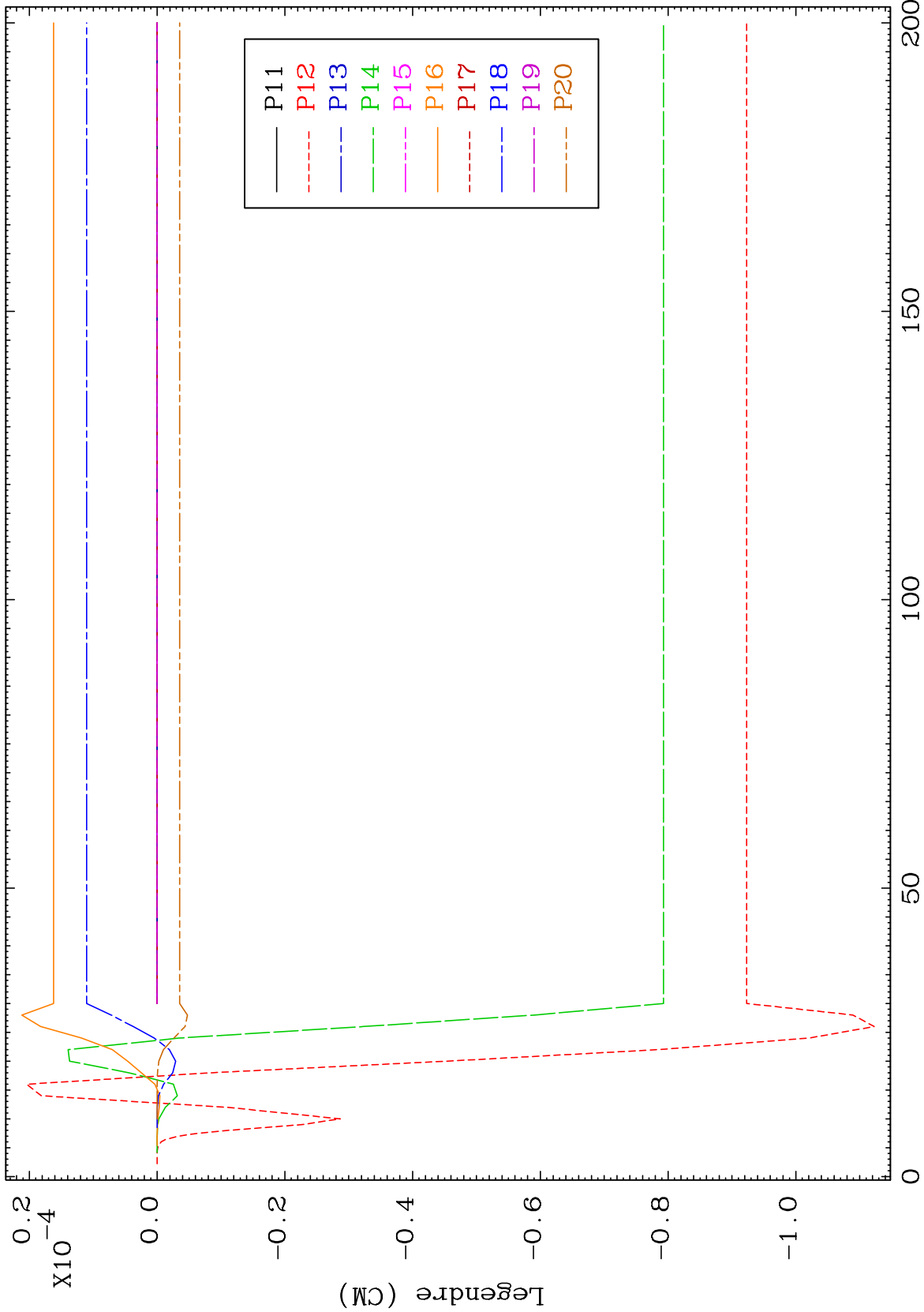
81-T1-198

MAT 8110

MT= 64 (n,n') Level

81-Tl-198

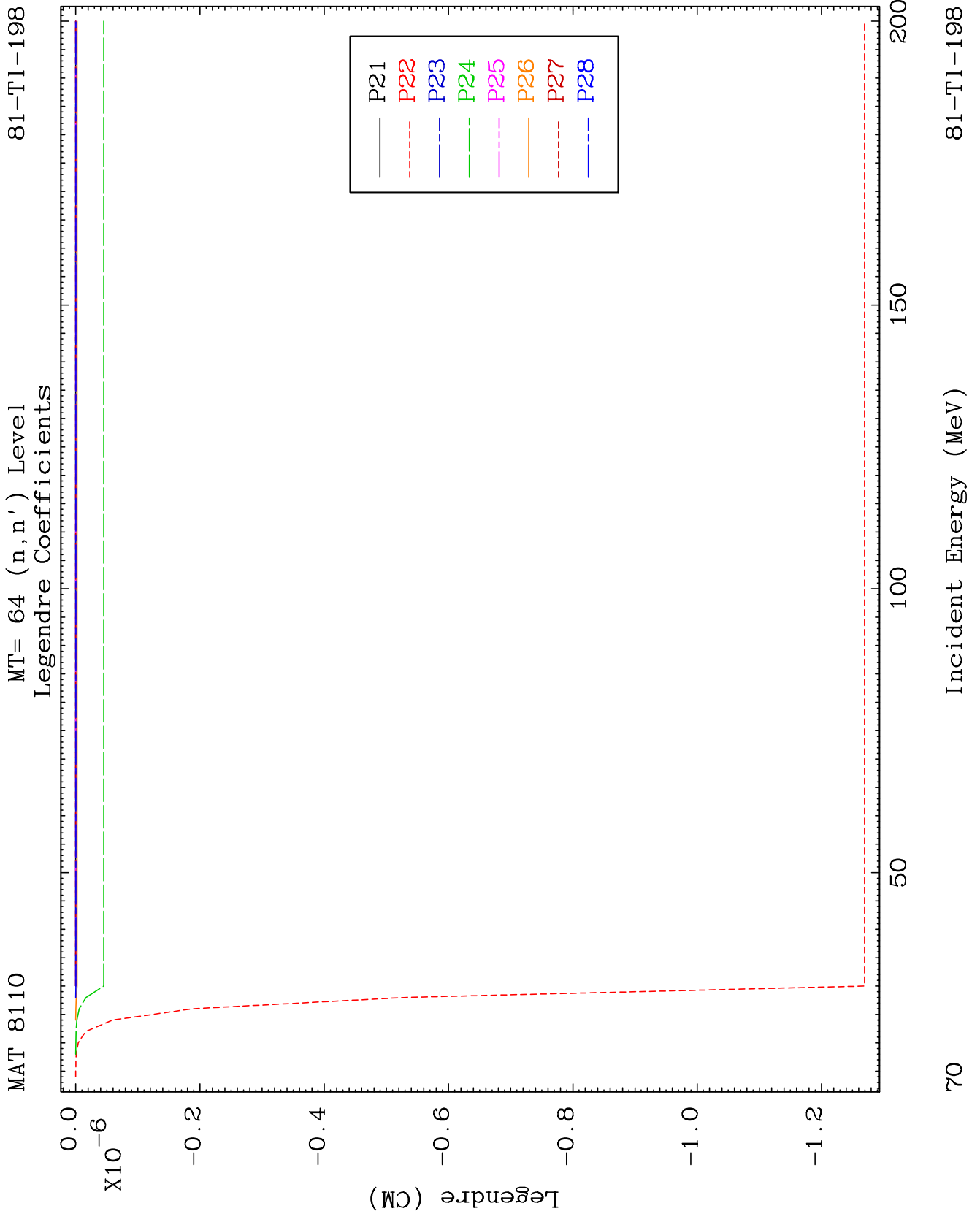
Legendre Coefficients



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Incident Energy (MeV)

81-Tl-198



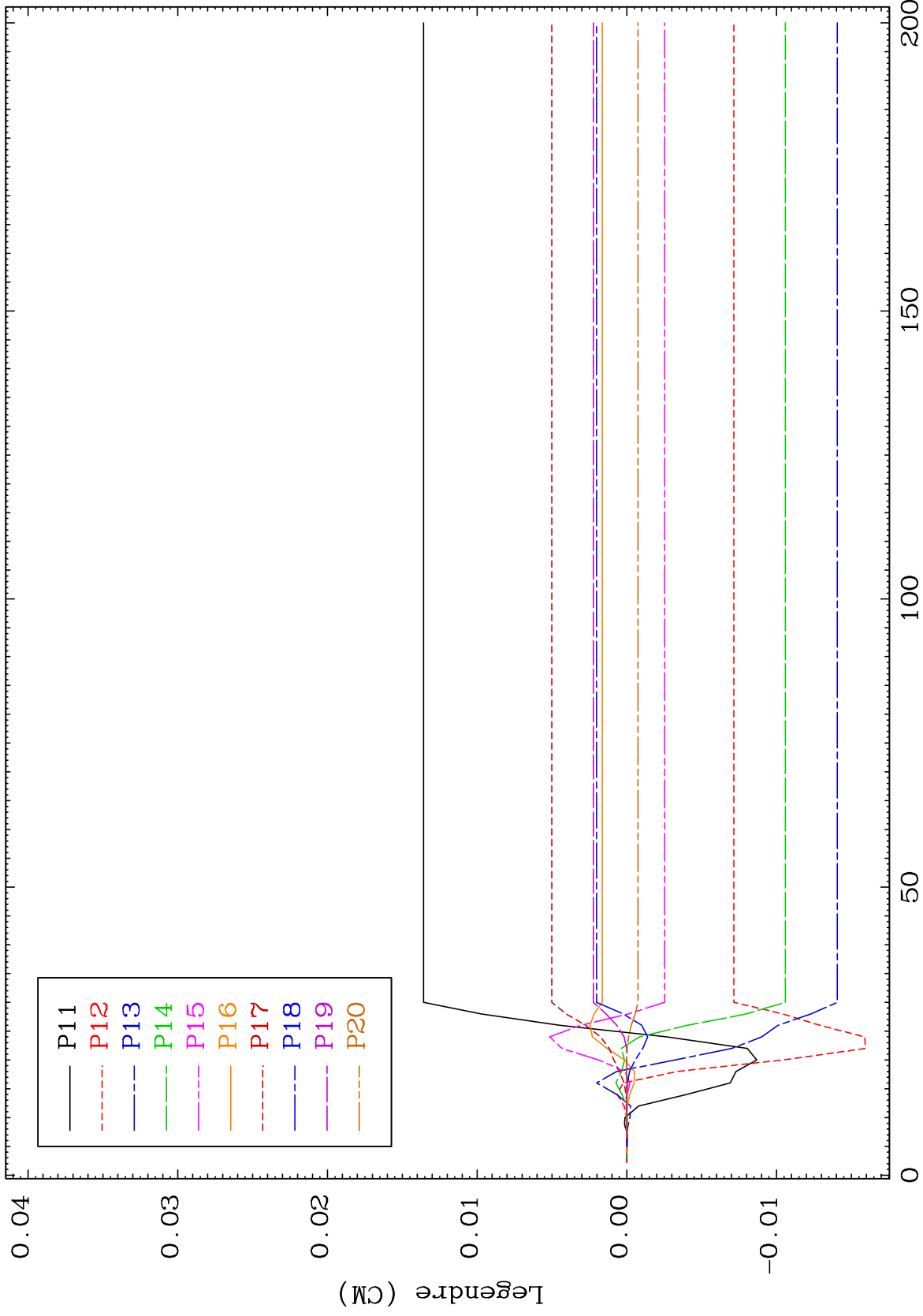




MAT 8110

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

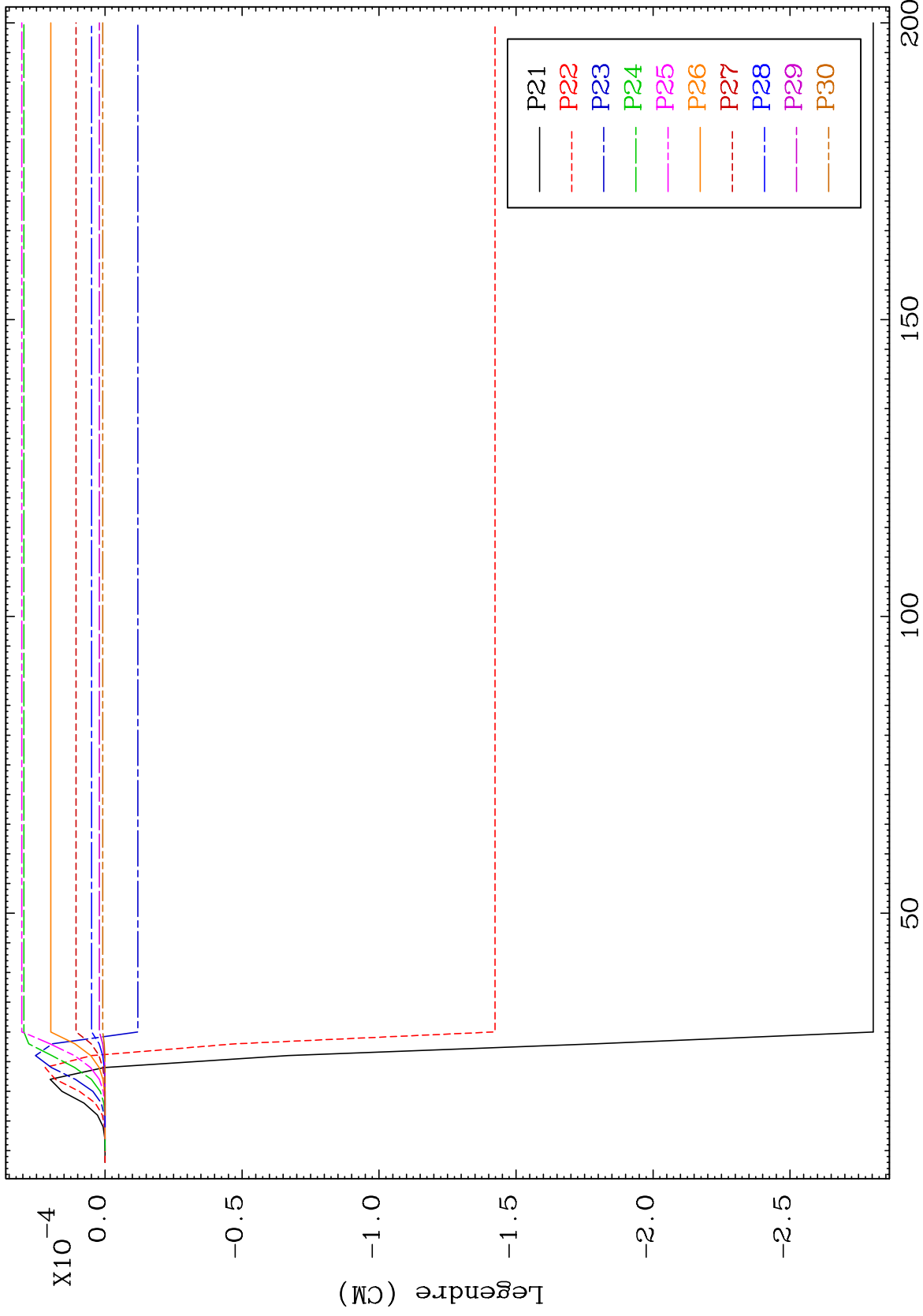
81-T1-198



Incident Energy (MeV)

81-T1-198

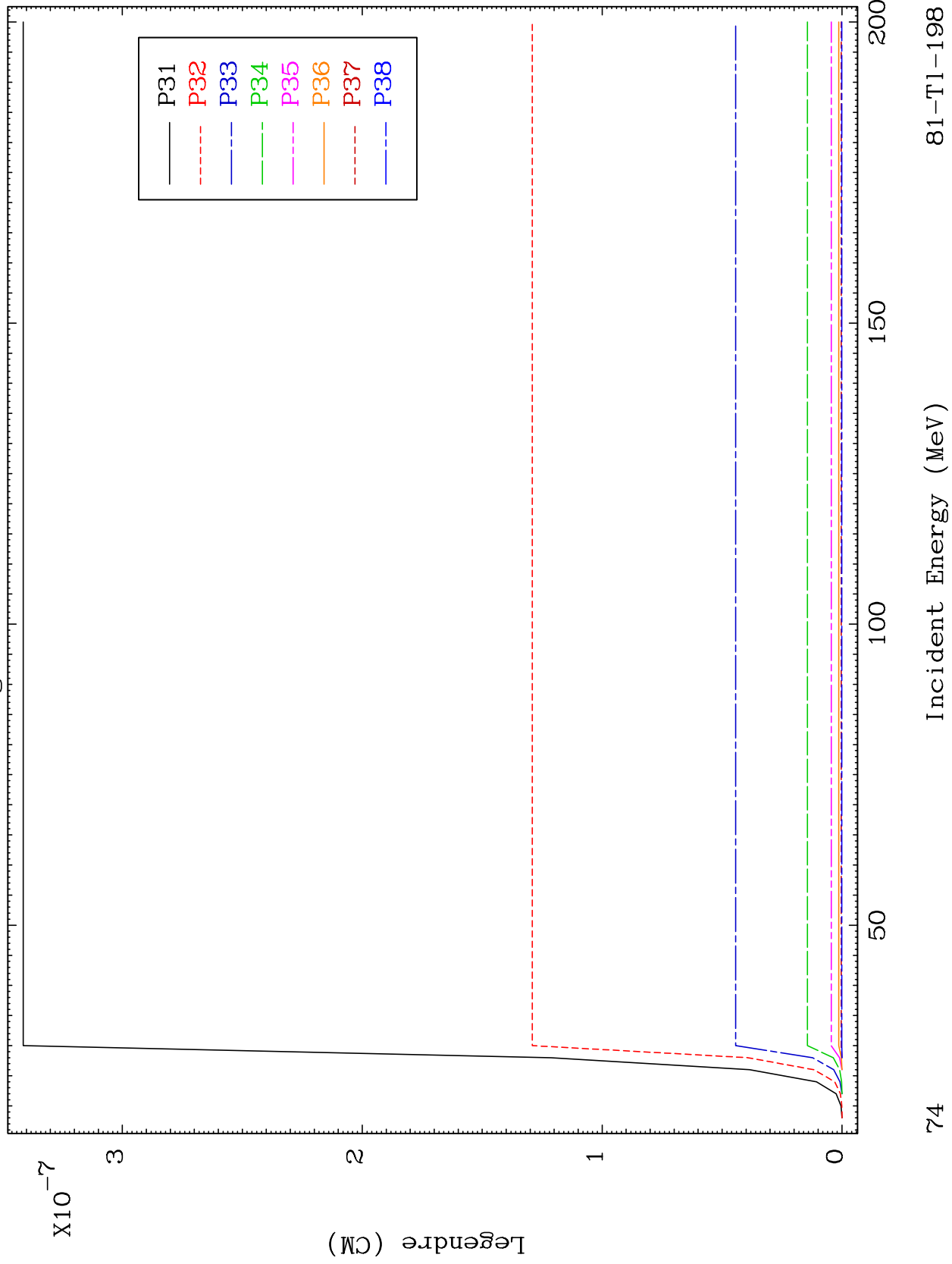
72



MAT 8110

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

81-T1-198



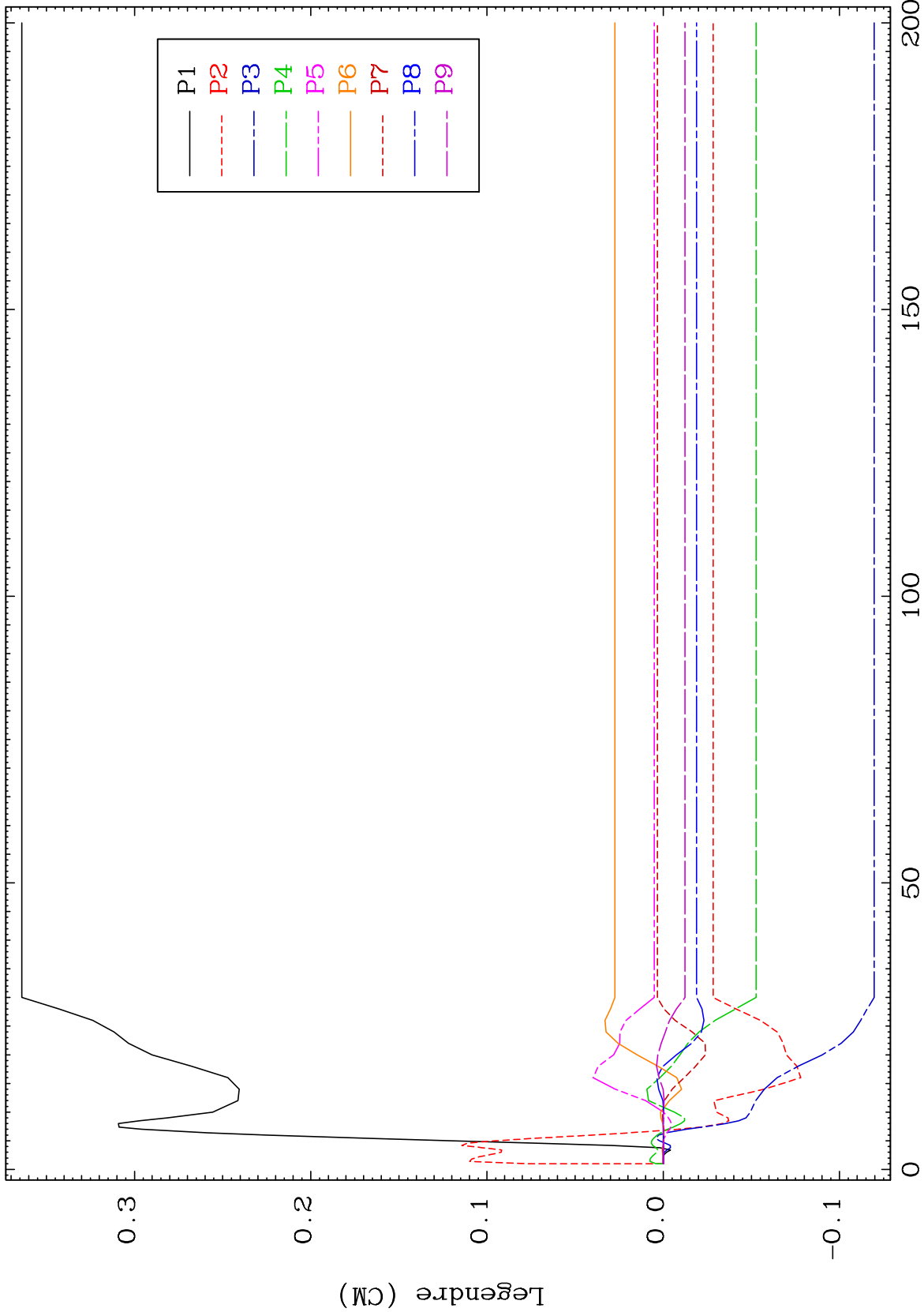
74

81-T1-198

MAT 8110

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

81-T1-198



75

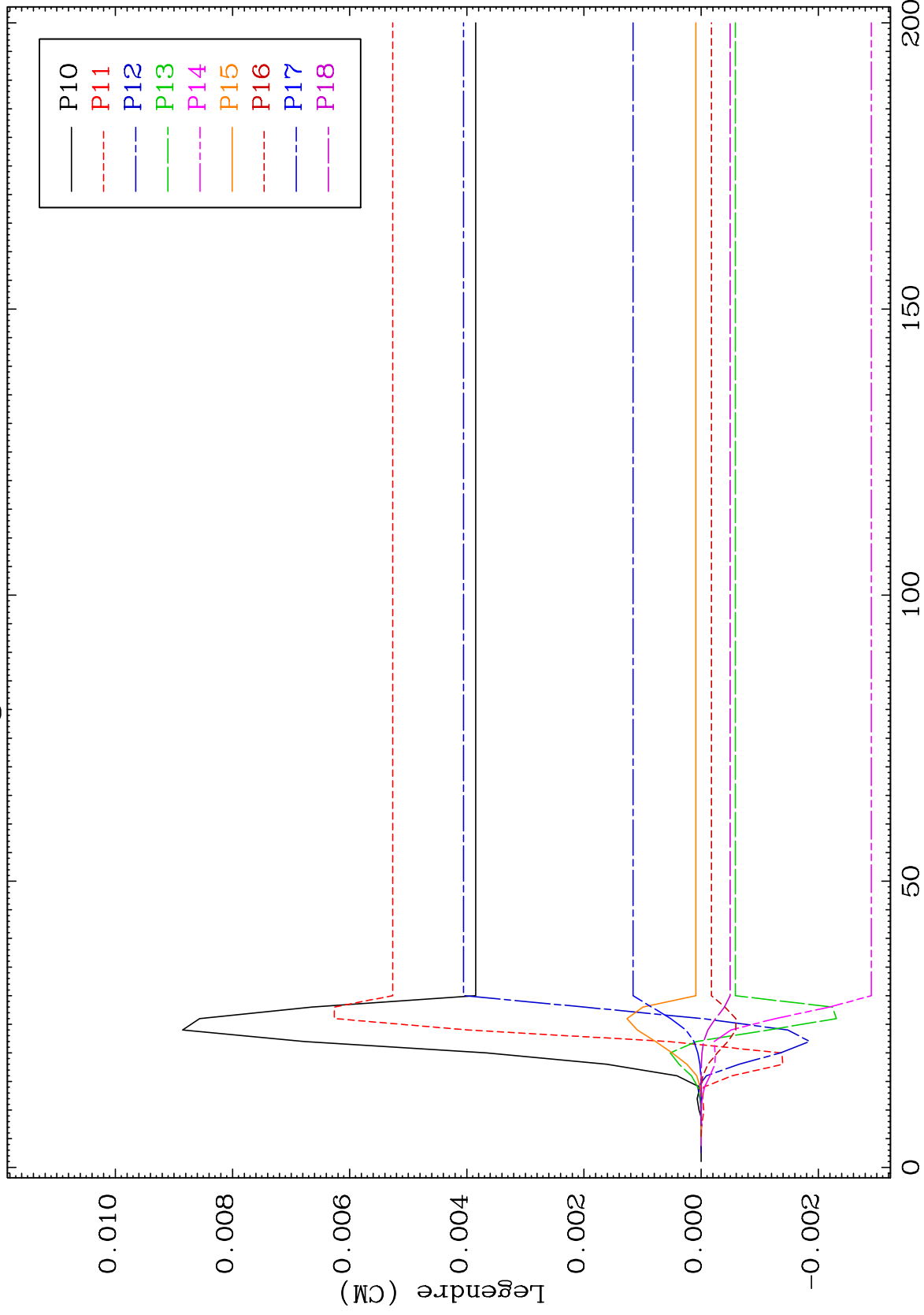
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-T1-198



76

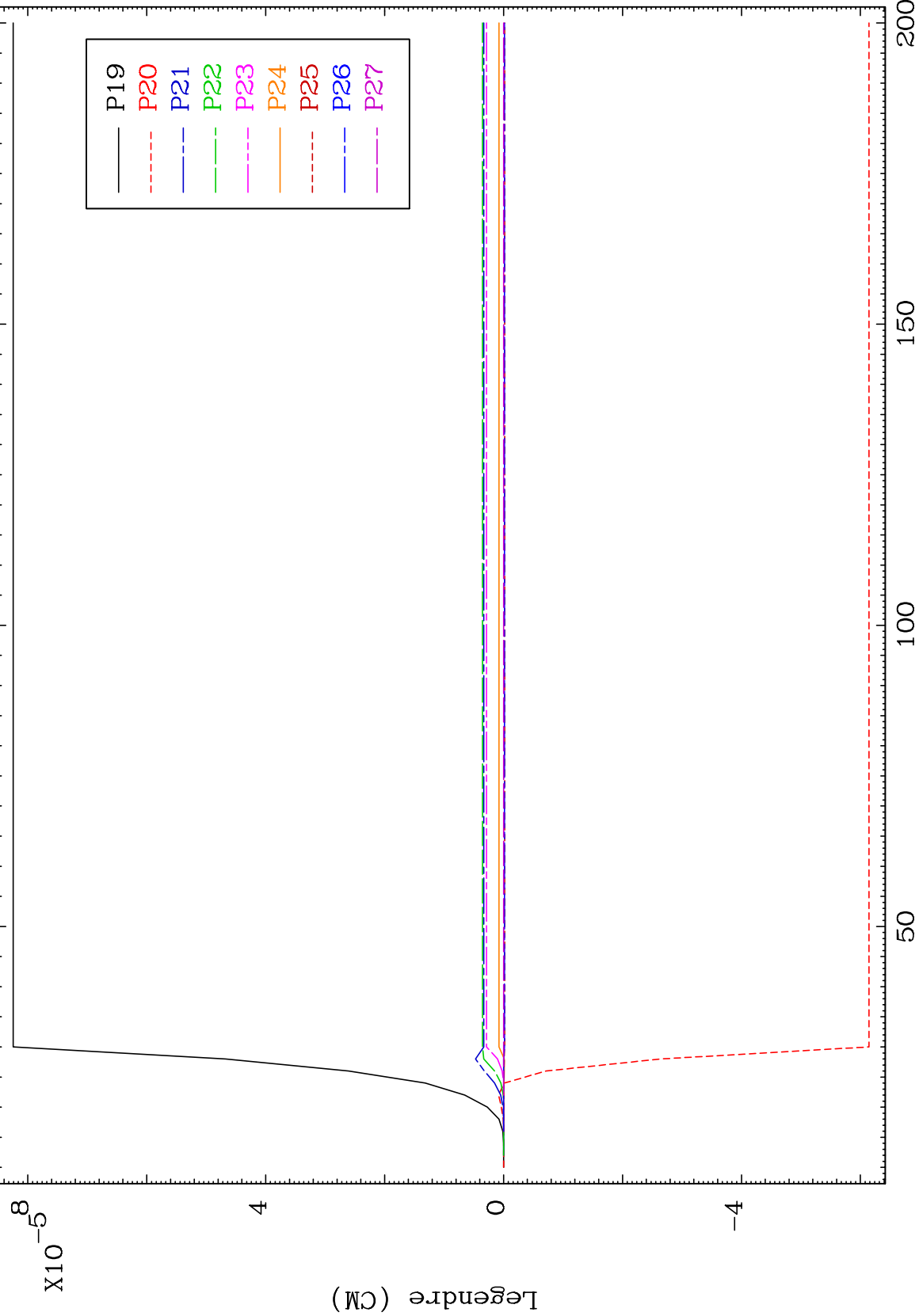
Incident Energy (MeV)

81-T1-198

MAT 8110

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

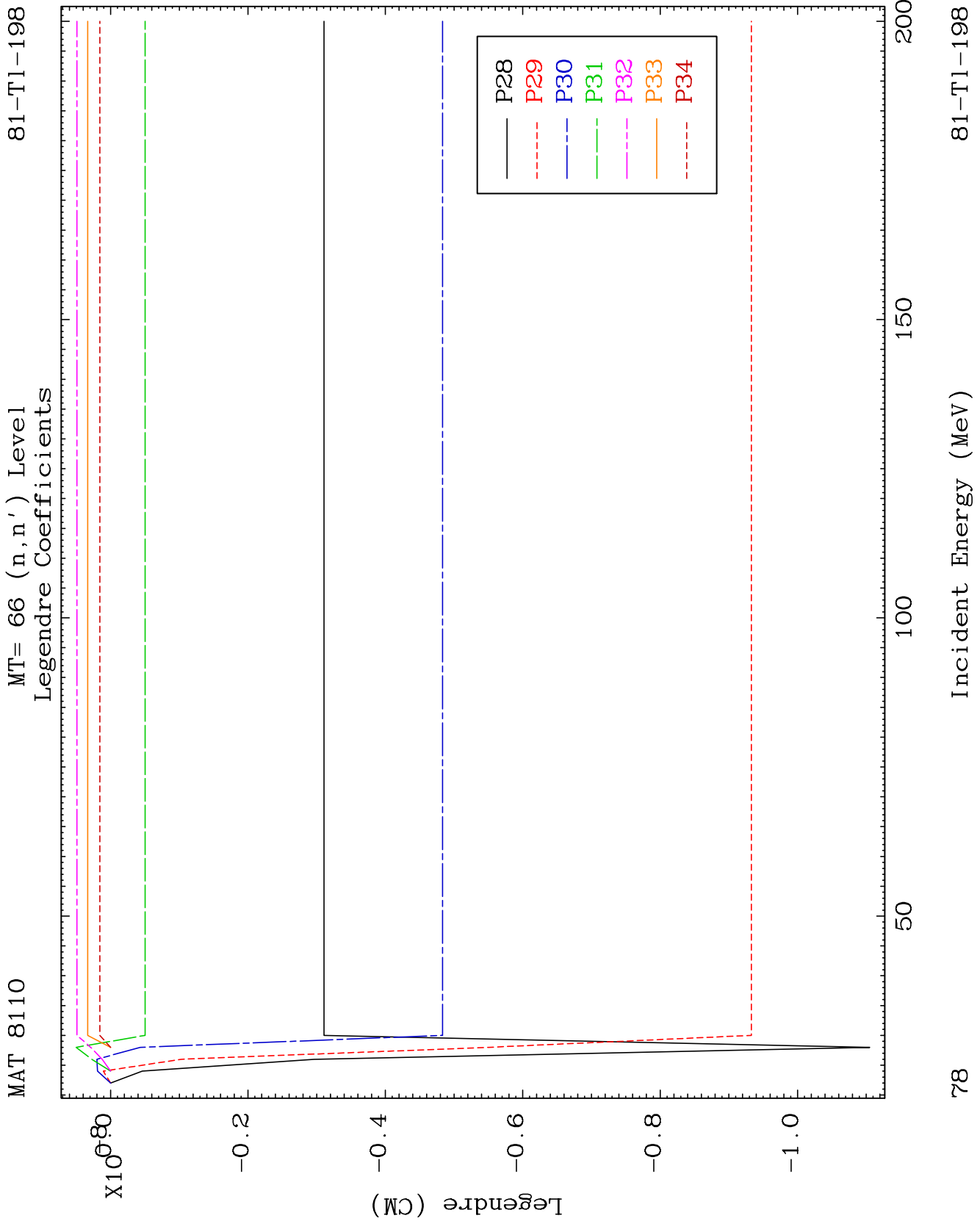
81-T1-198



77

Incident Energy (MeV)

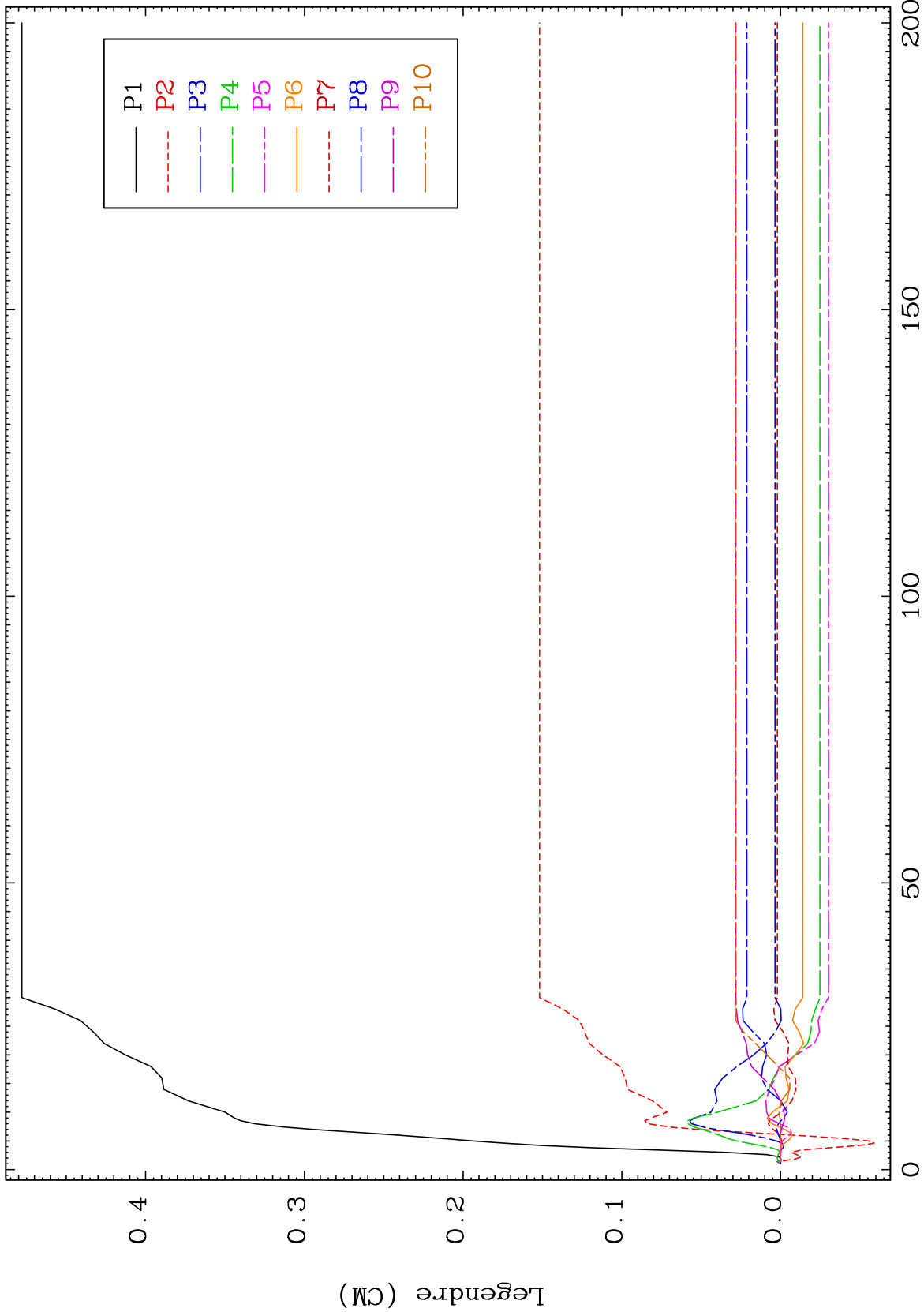
81-T1-198



MAT 8110

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

81-T1-198



79

Incident Energy (MeV)

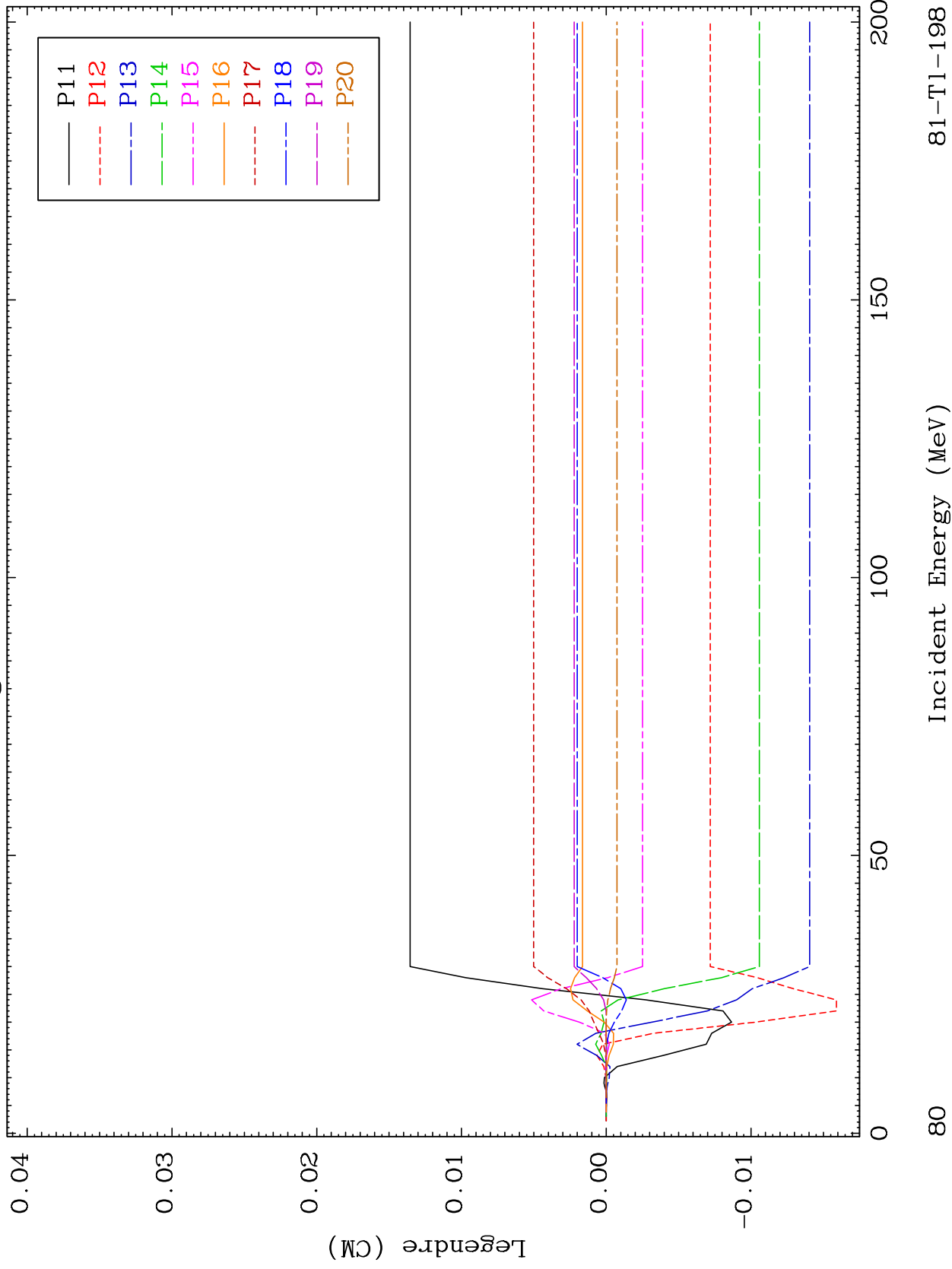
81-T1-198



MAT 8110

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

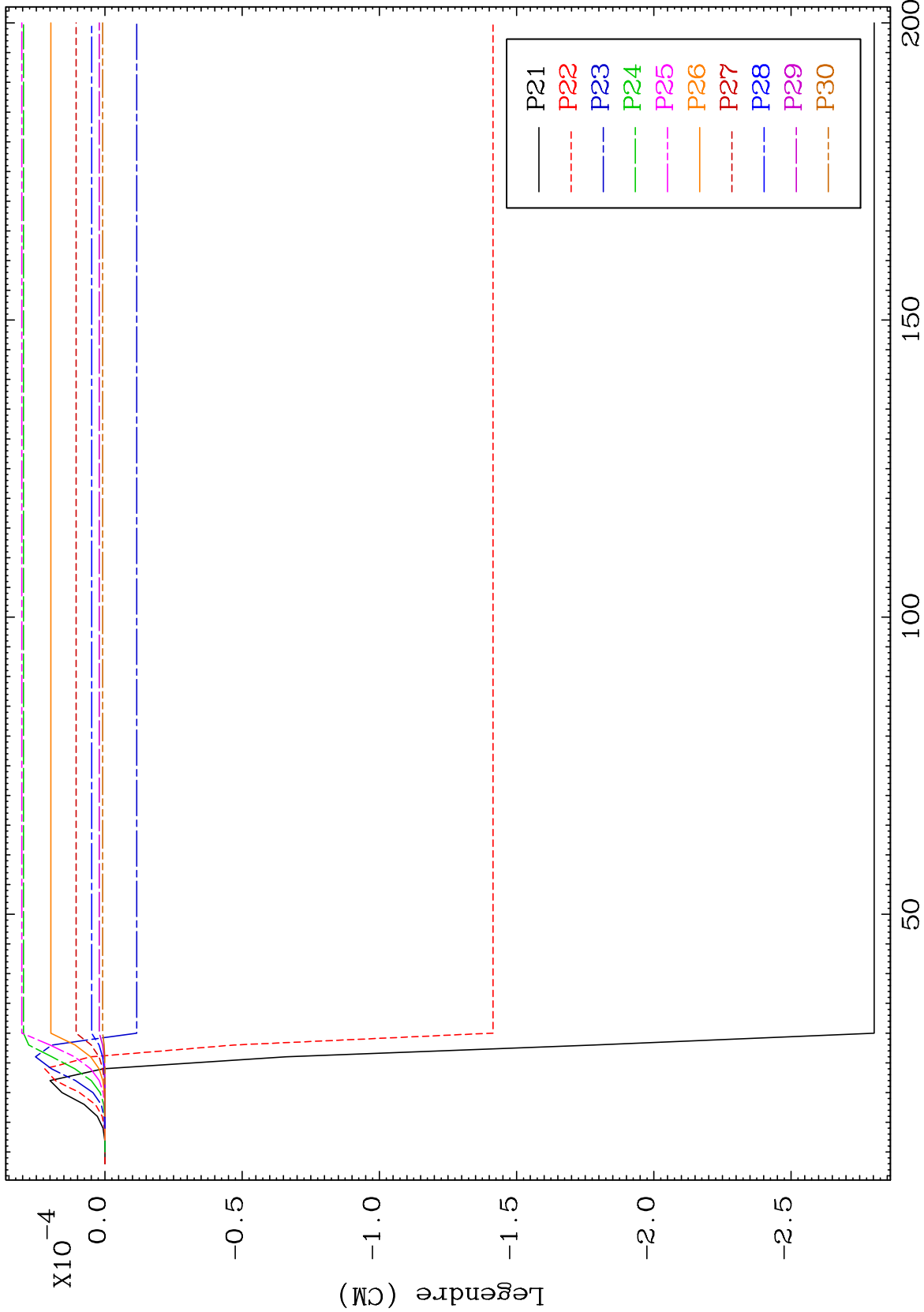
81-T1-198



MAT 8110

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

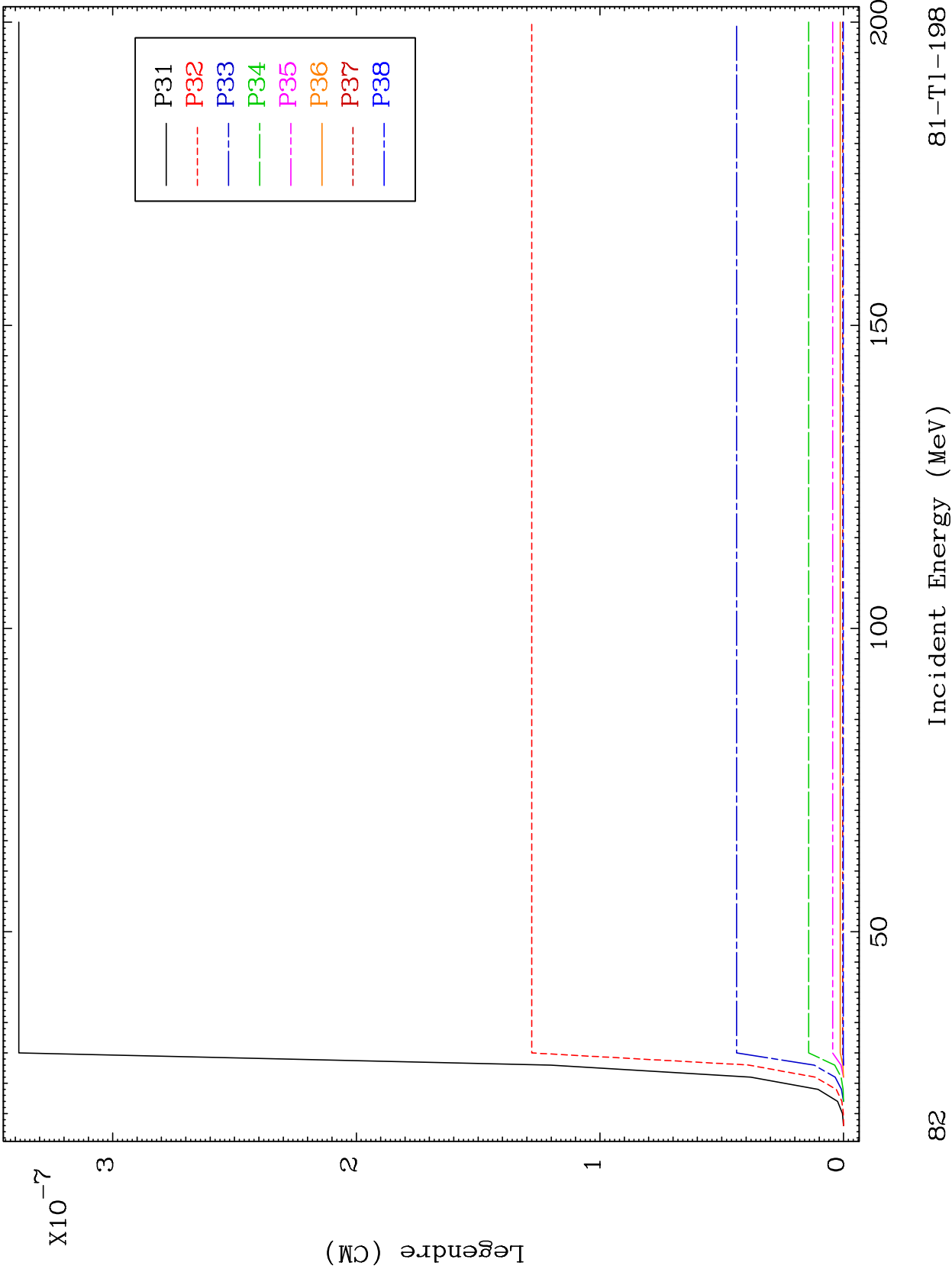
81-T1-198

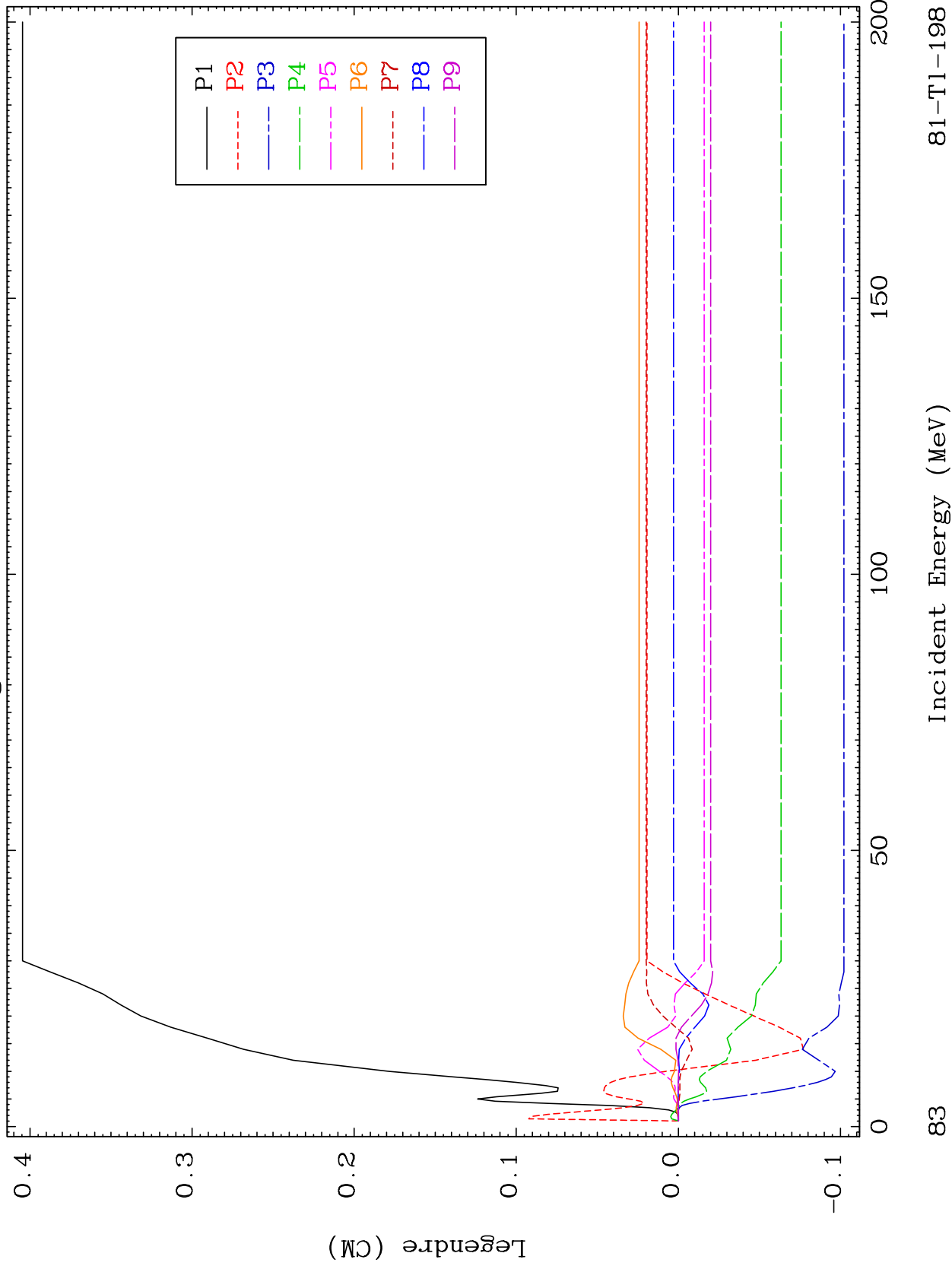


81

Incident Energy (MeV)

81-T1-198

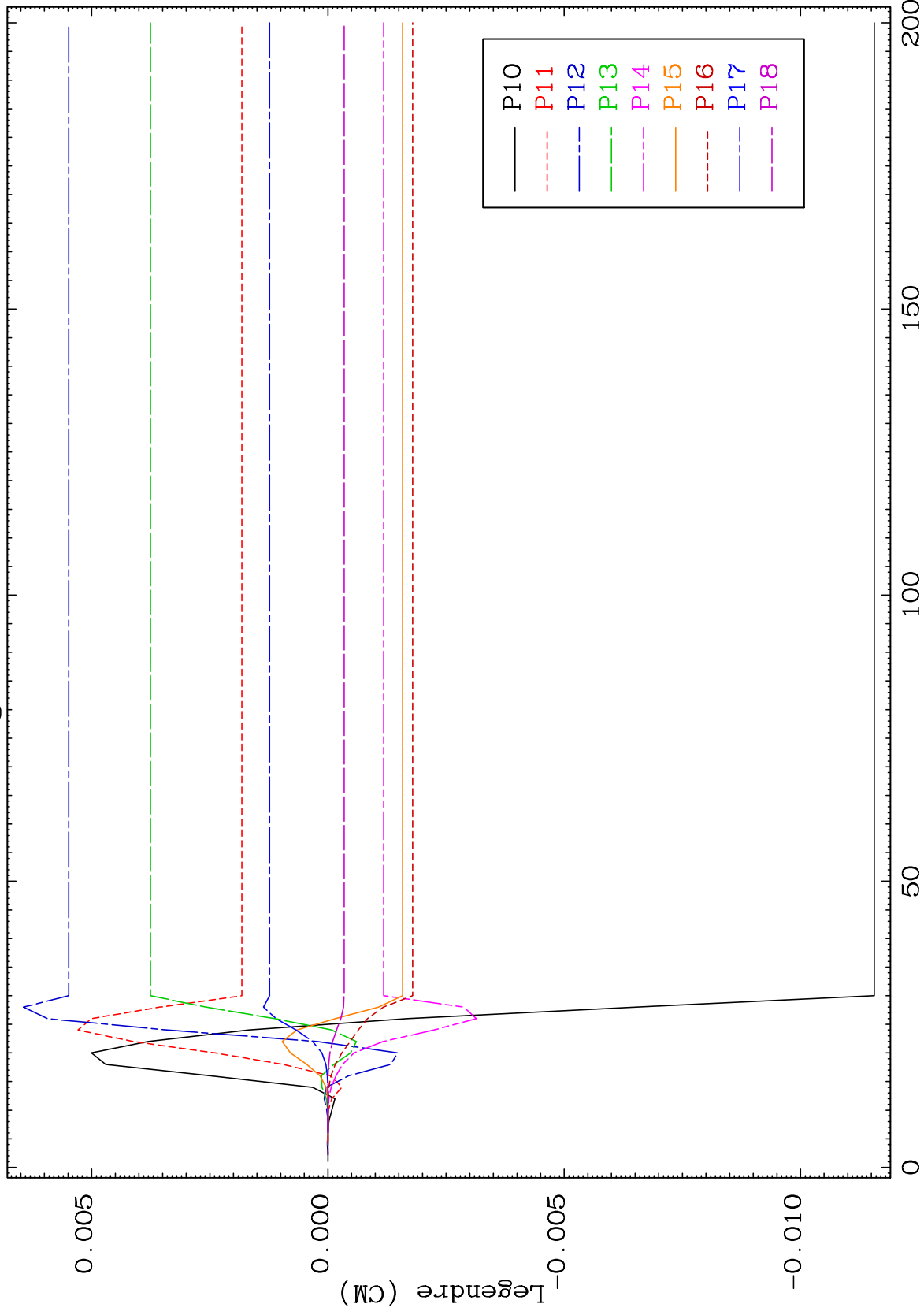




MAT 8110

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

81-T1-198



84

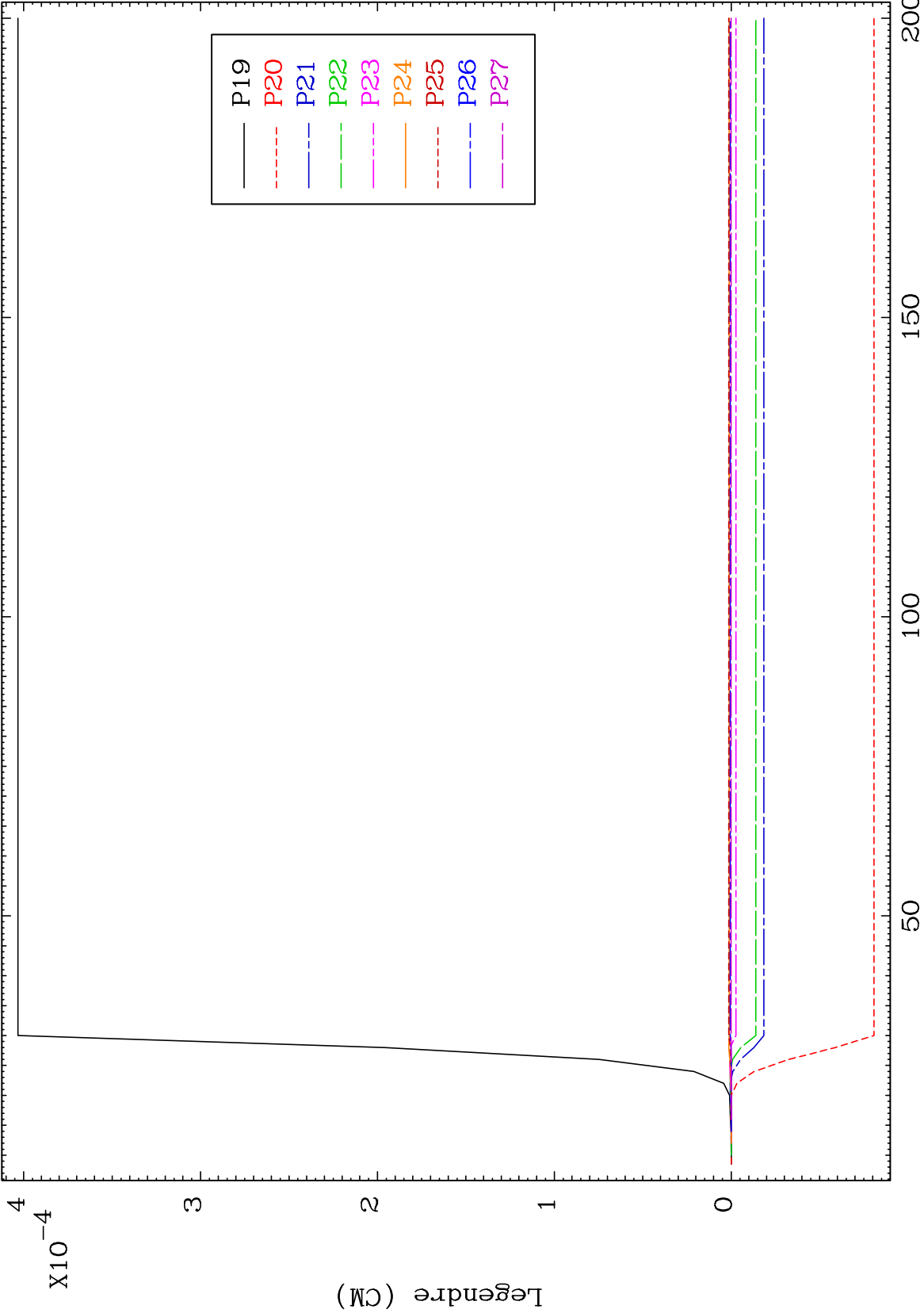
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-Tl-198



85

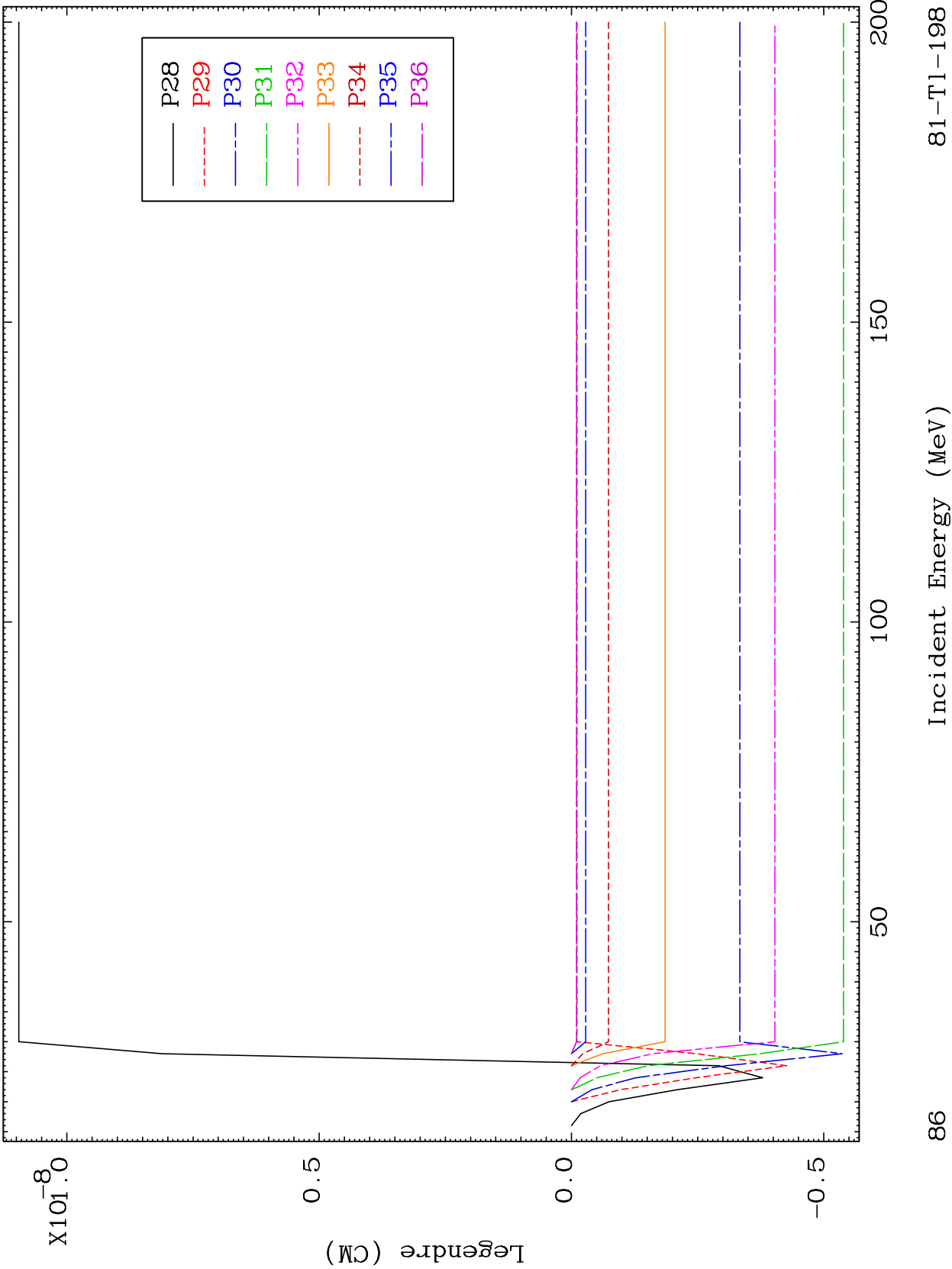
Incident Energy (MeV)

81-Tl-198

MAT 8110

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

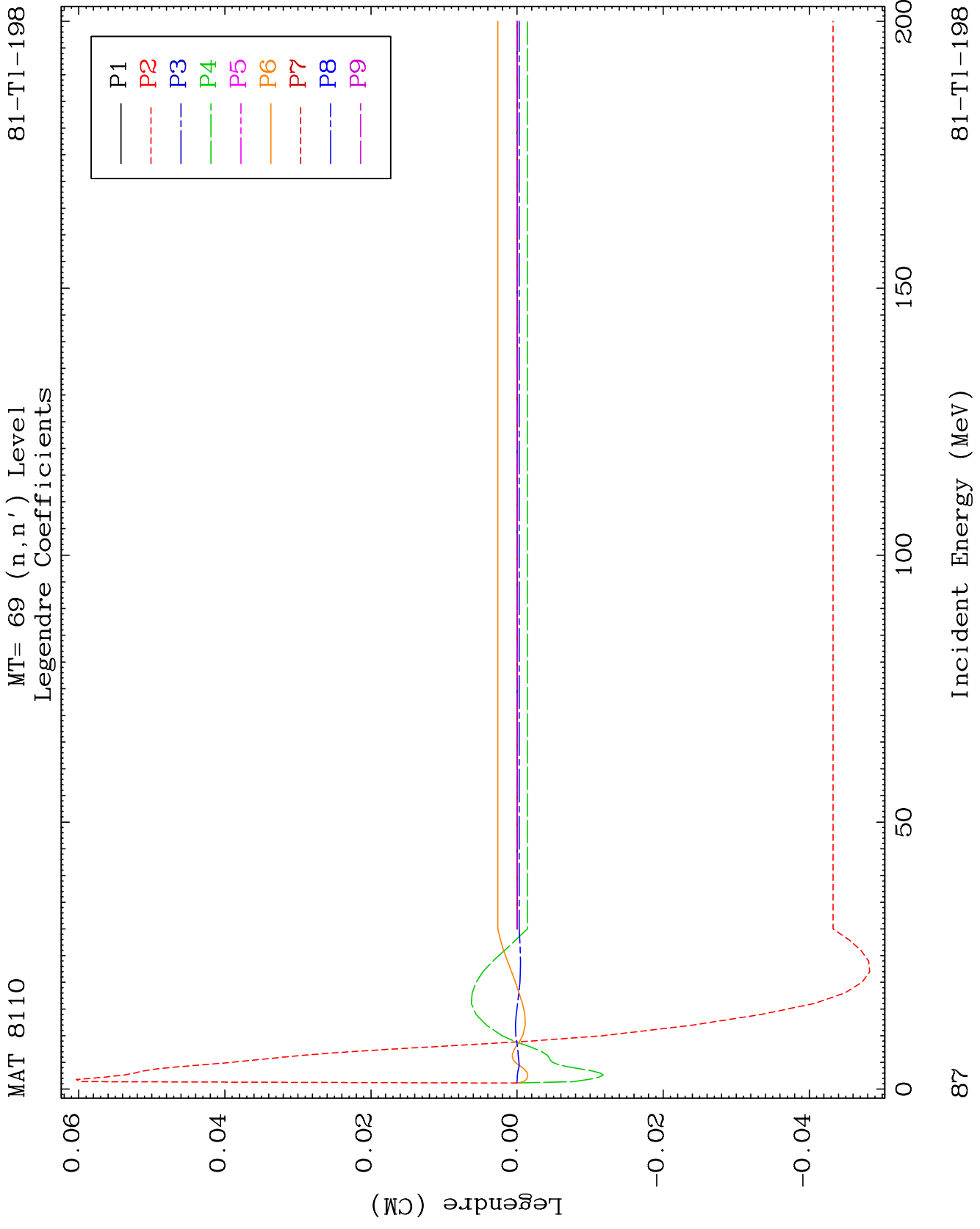
81-T1-198



86

Incident Energy (MeV)

81-T1-198

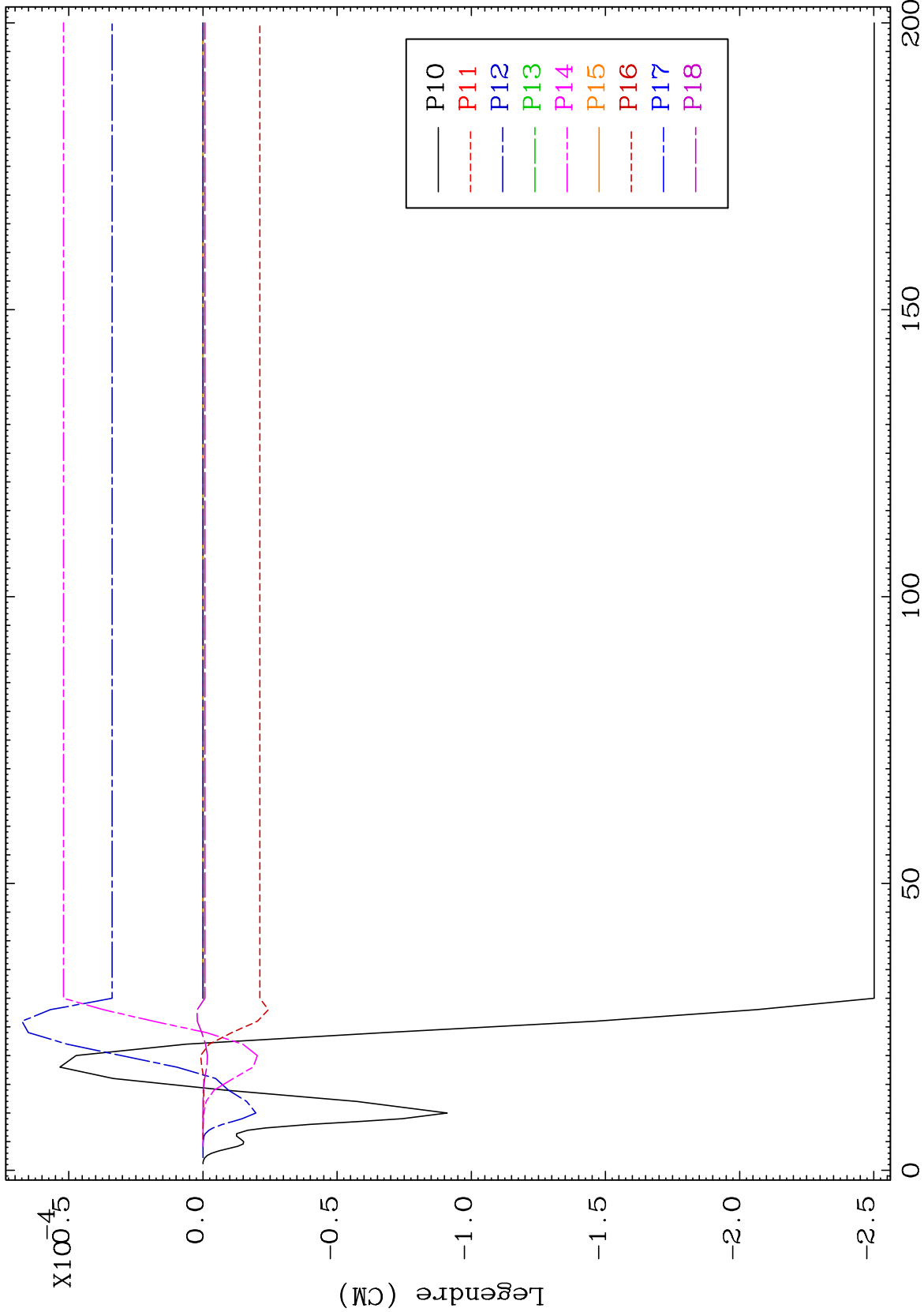




MAT 8110

MT= 69 (n,n') Level  
Legendre Coefficients

81-Tl-198



88

Incident Energy (MeV)

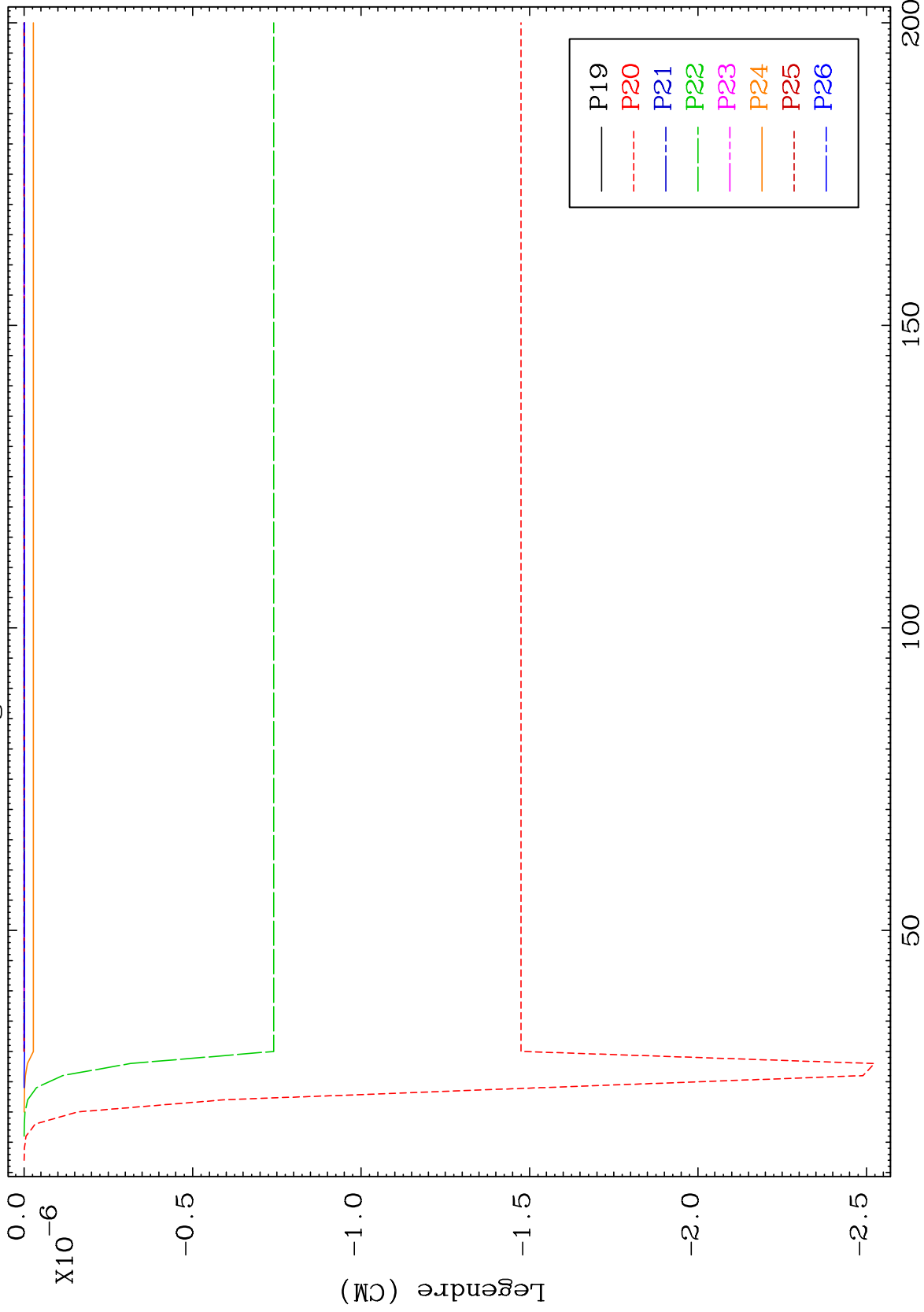
81-Tl-198

MAT 8110

MT= 69 (n,n') Level

81-T1-198

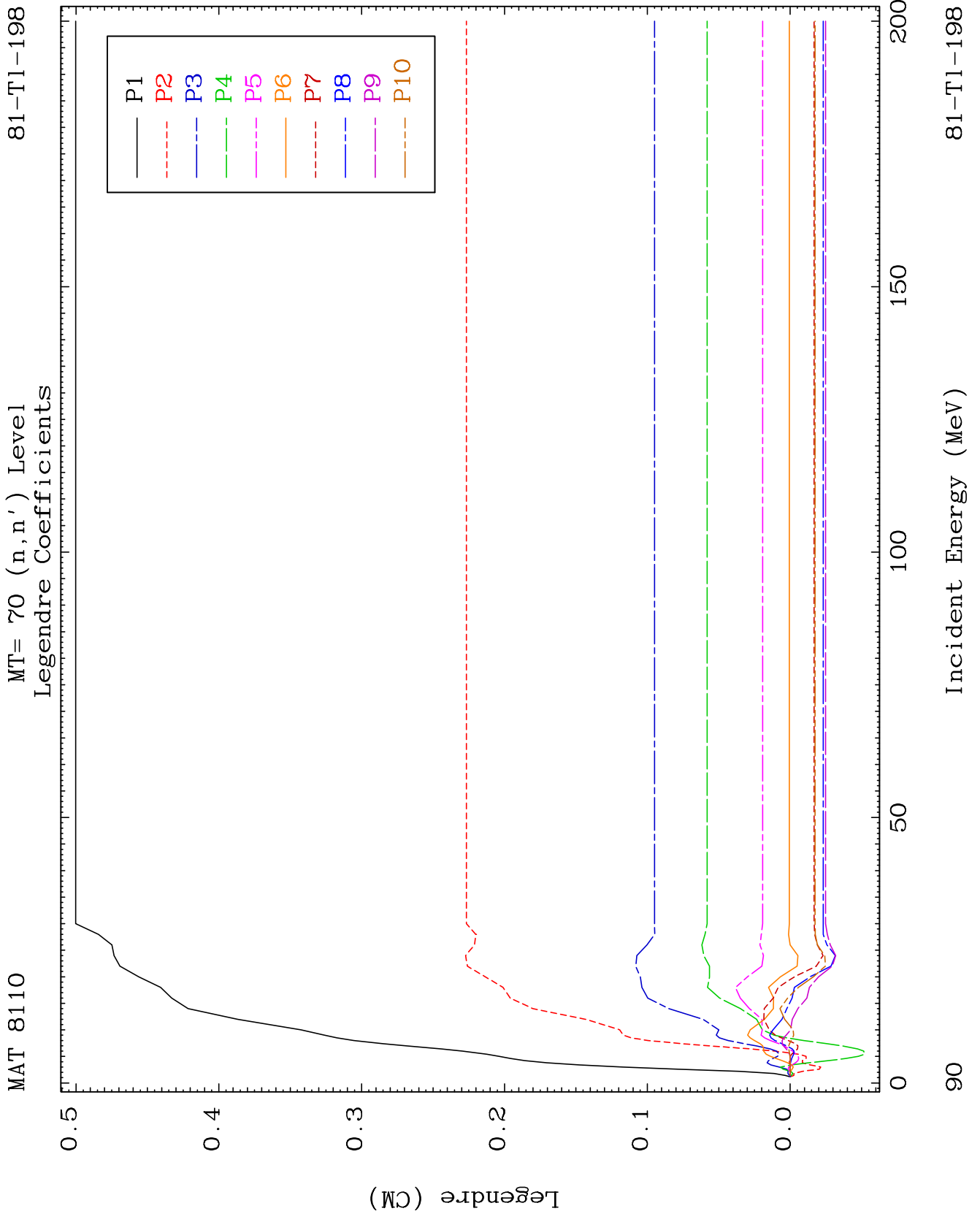
Legendre Coefficients

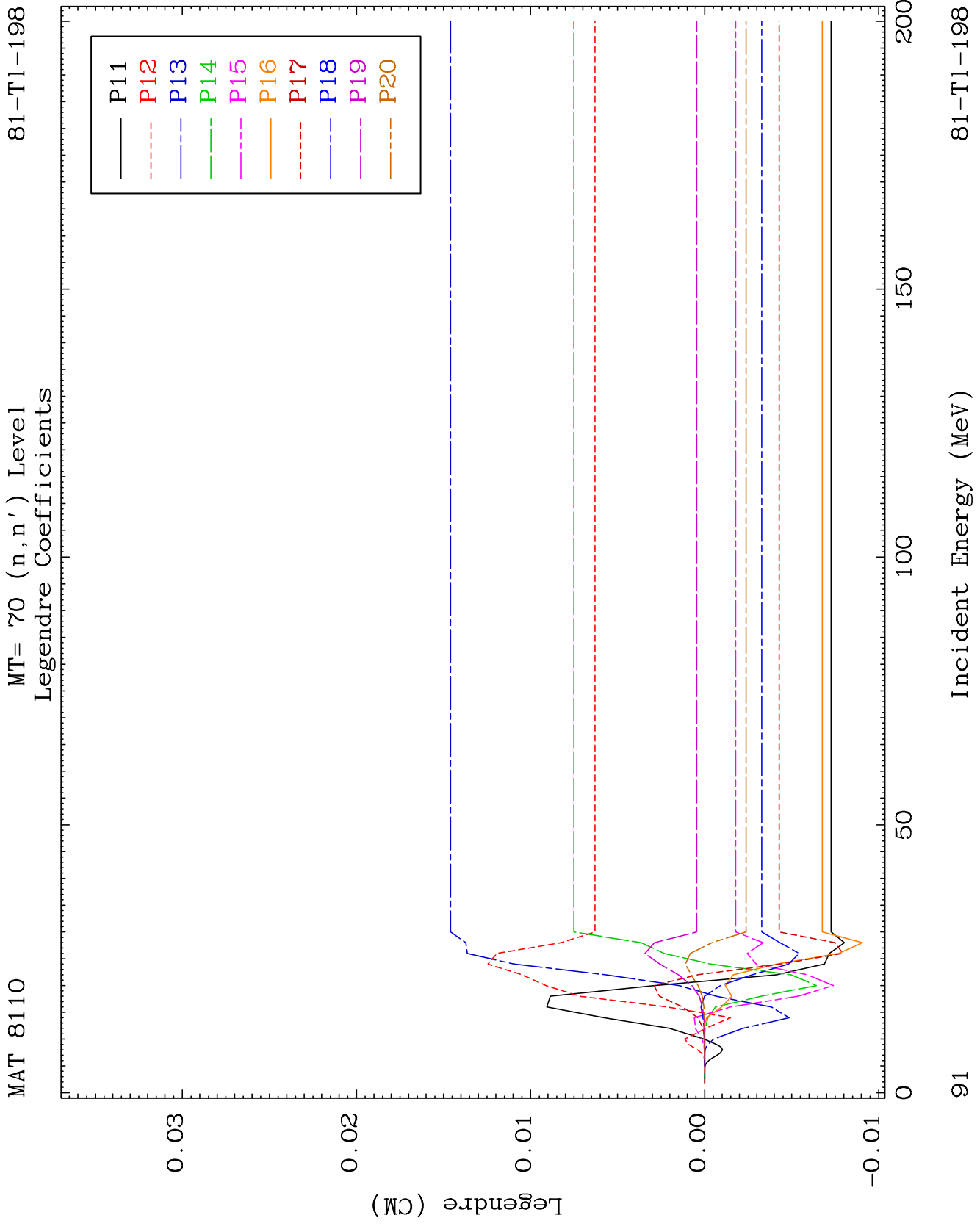


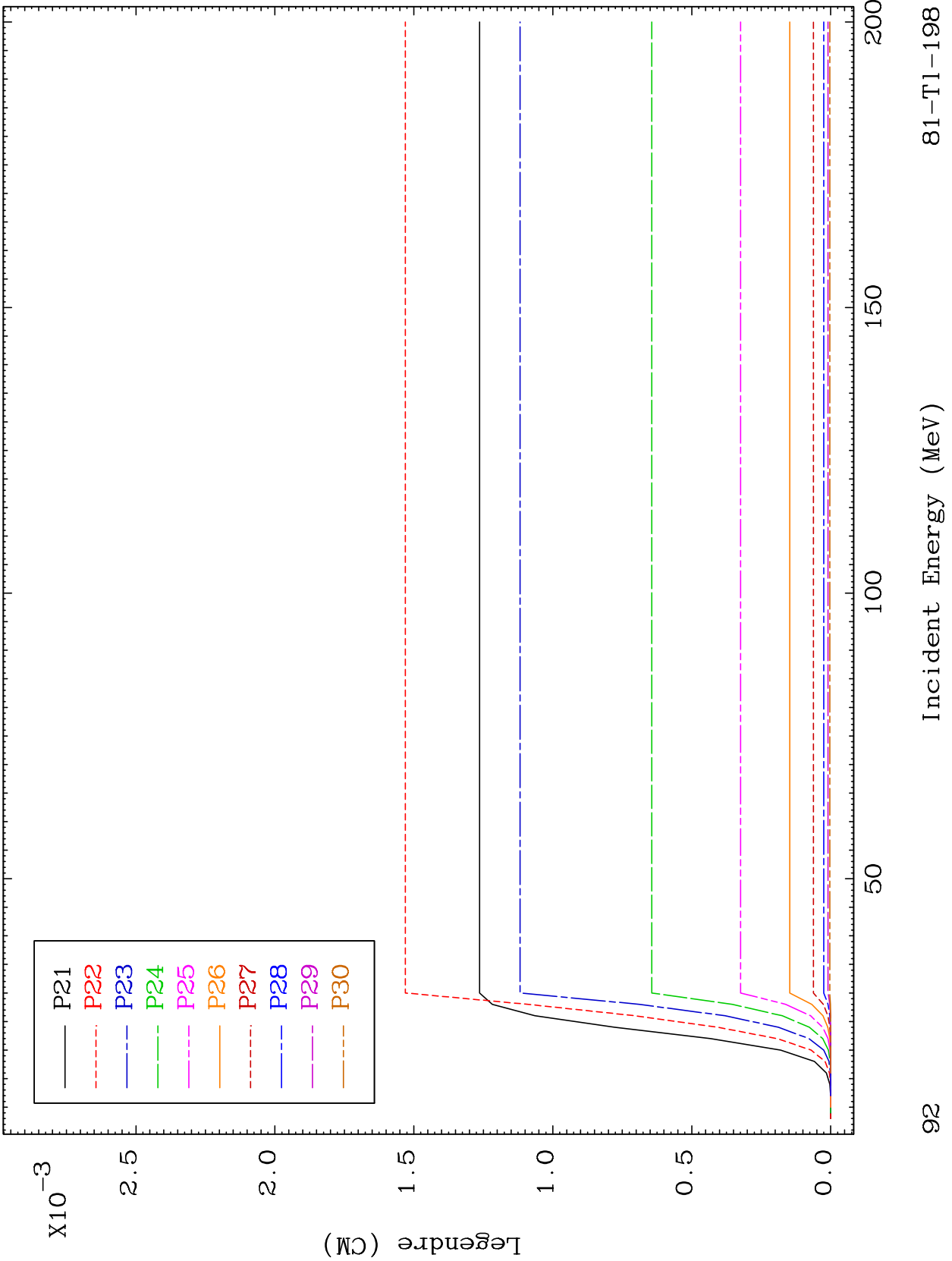
89

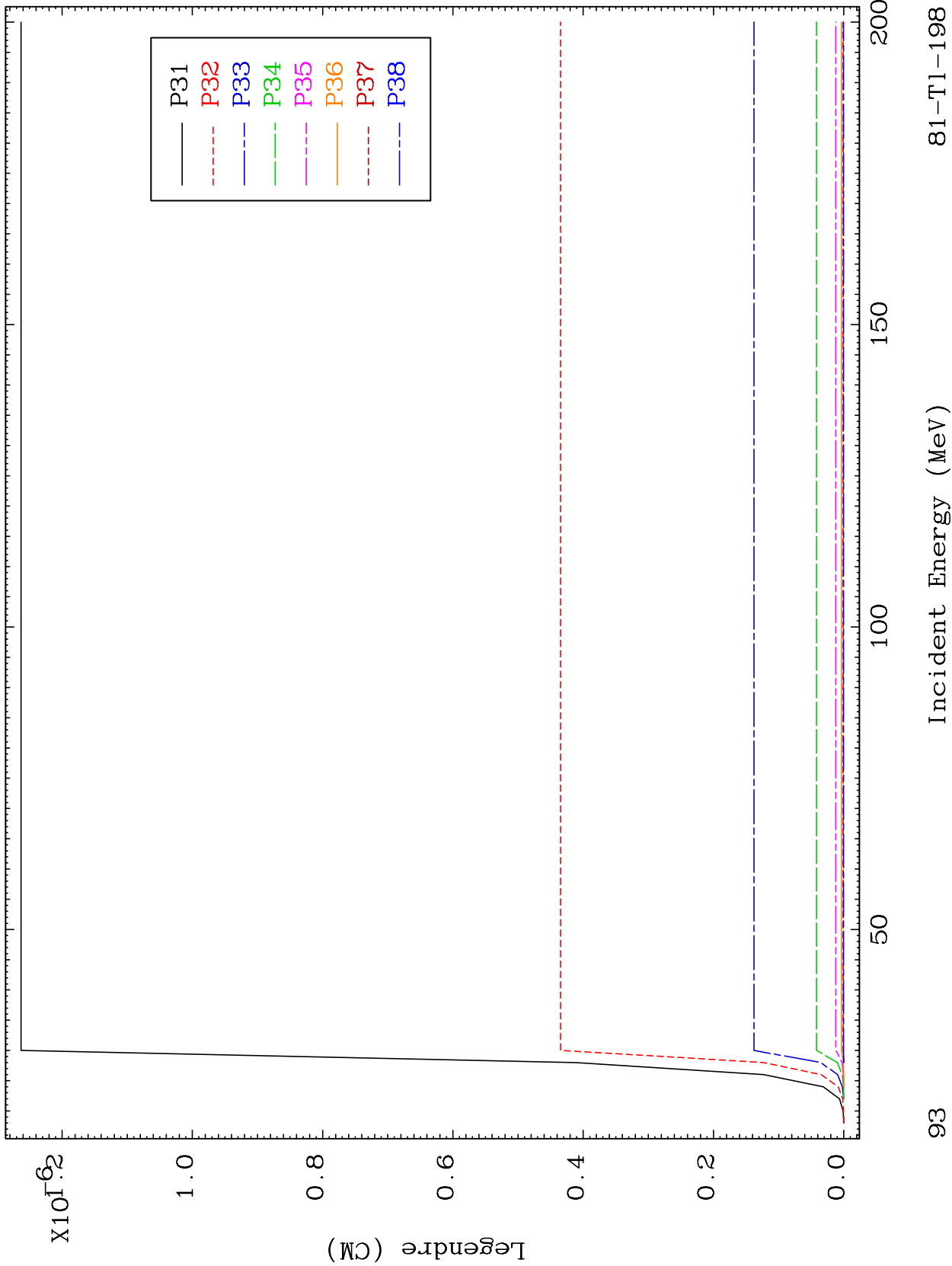
Incident Energy (MeV)

81-T1-198





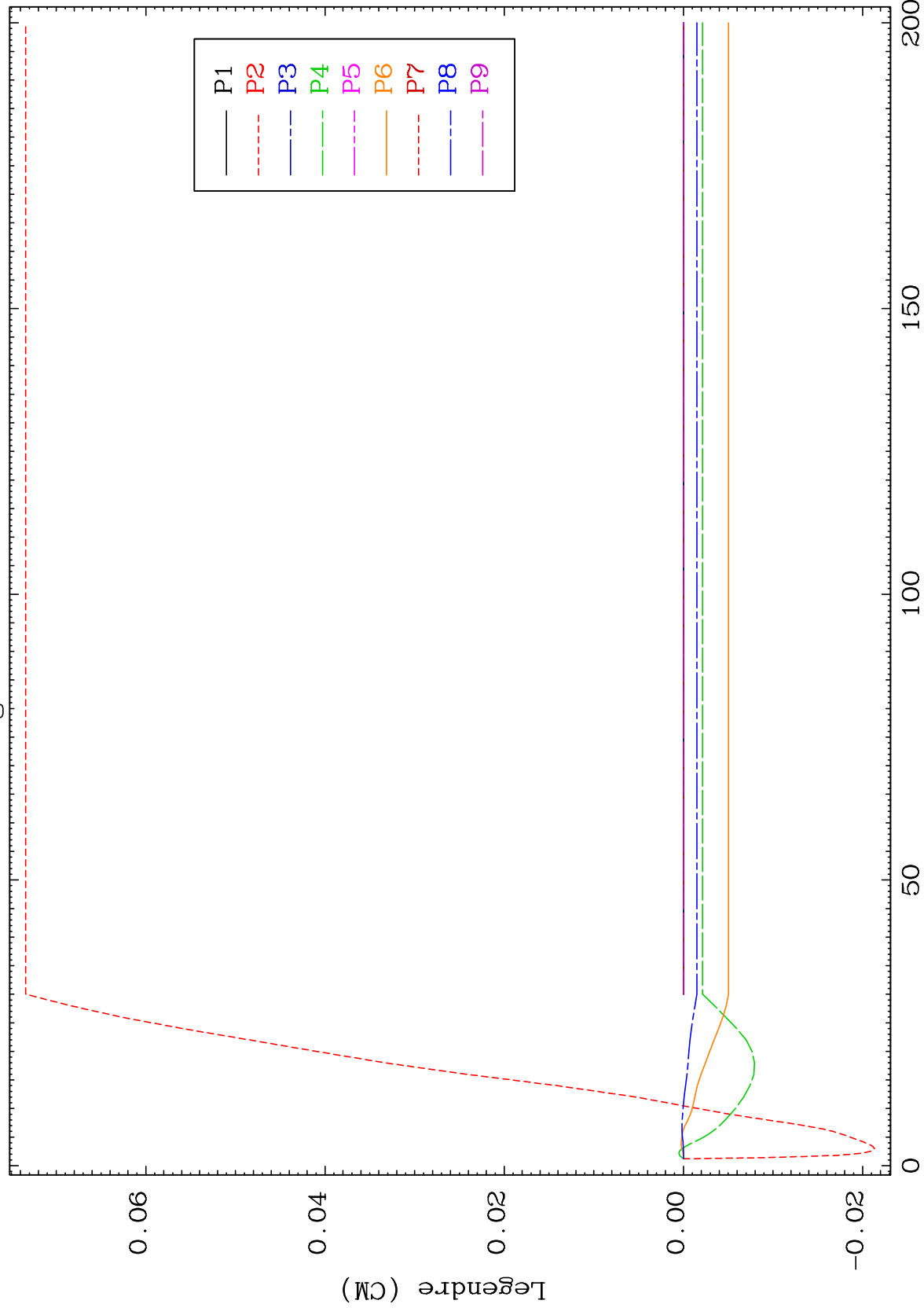




MAT 8110

MT= 71 (n,n') Level  
Legendre Coefficients

81-T1-198



94

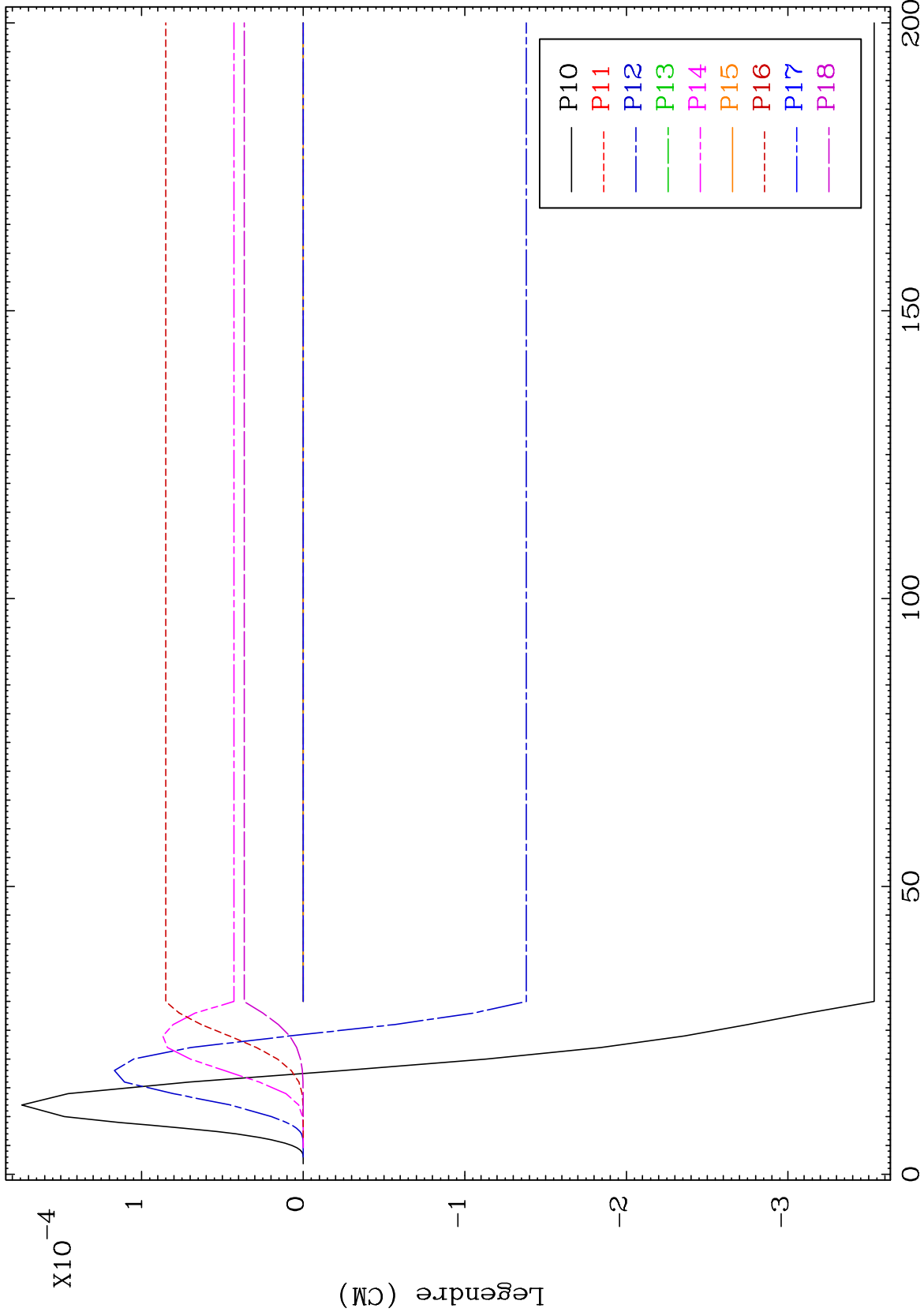
Incident Energy (MeV)

81-T1-198

MAT 8110

MT= 71 (n,n') Level  
Legendre Coefficients

81-Tl-198

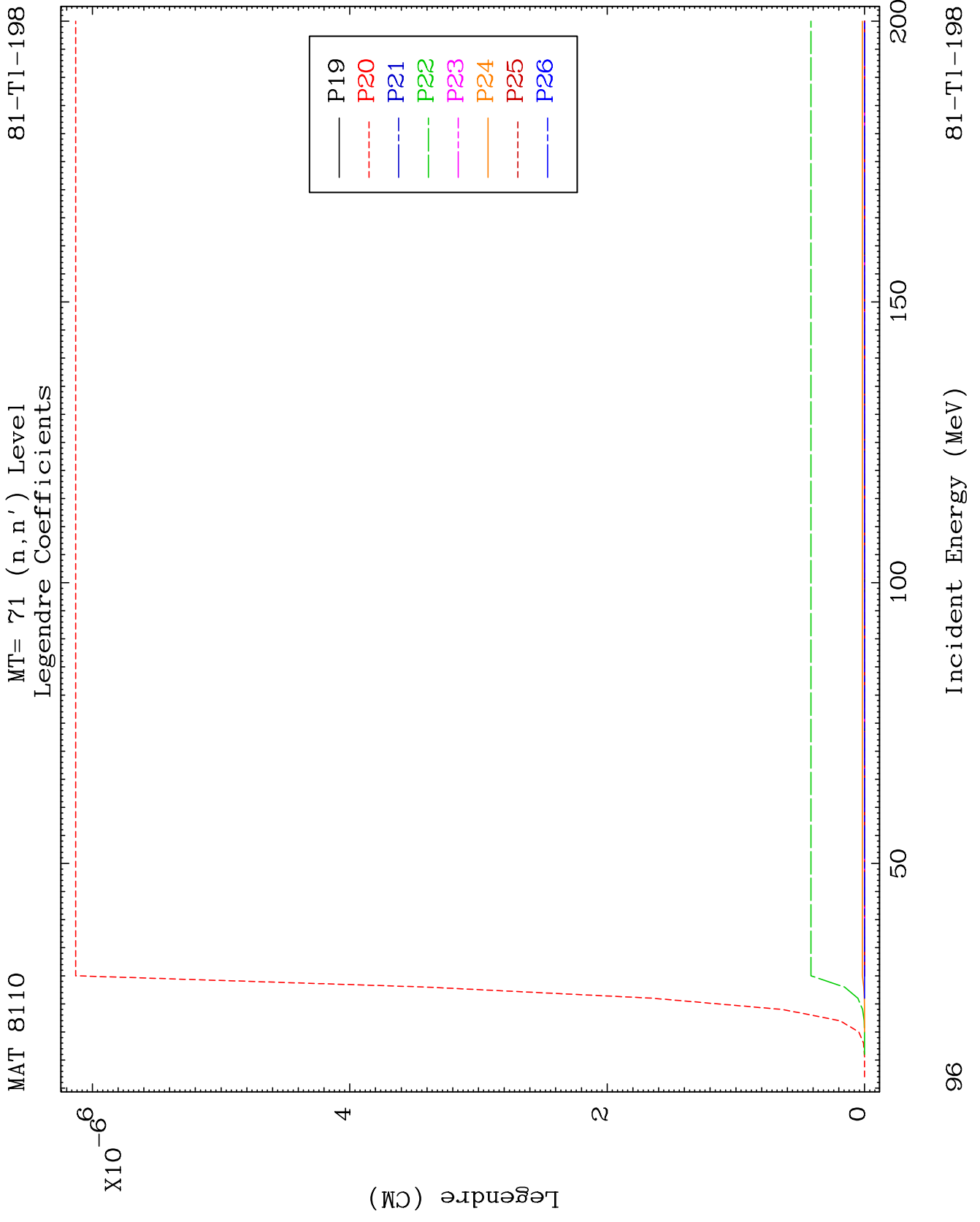


95

Incident Energy (MeV)

81-Tl-198

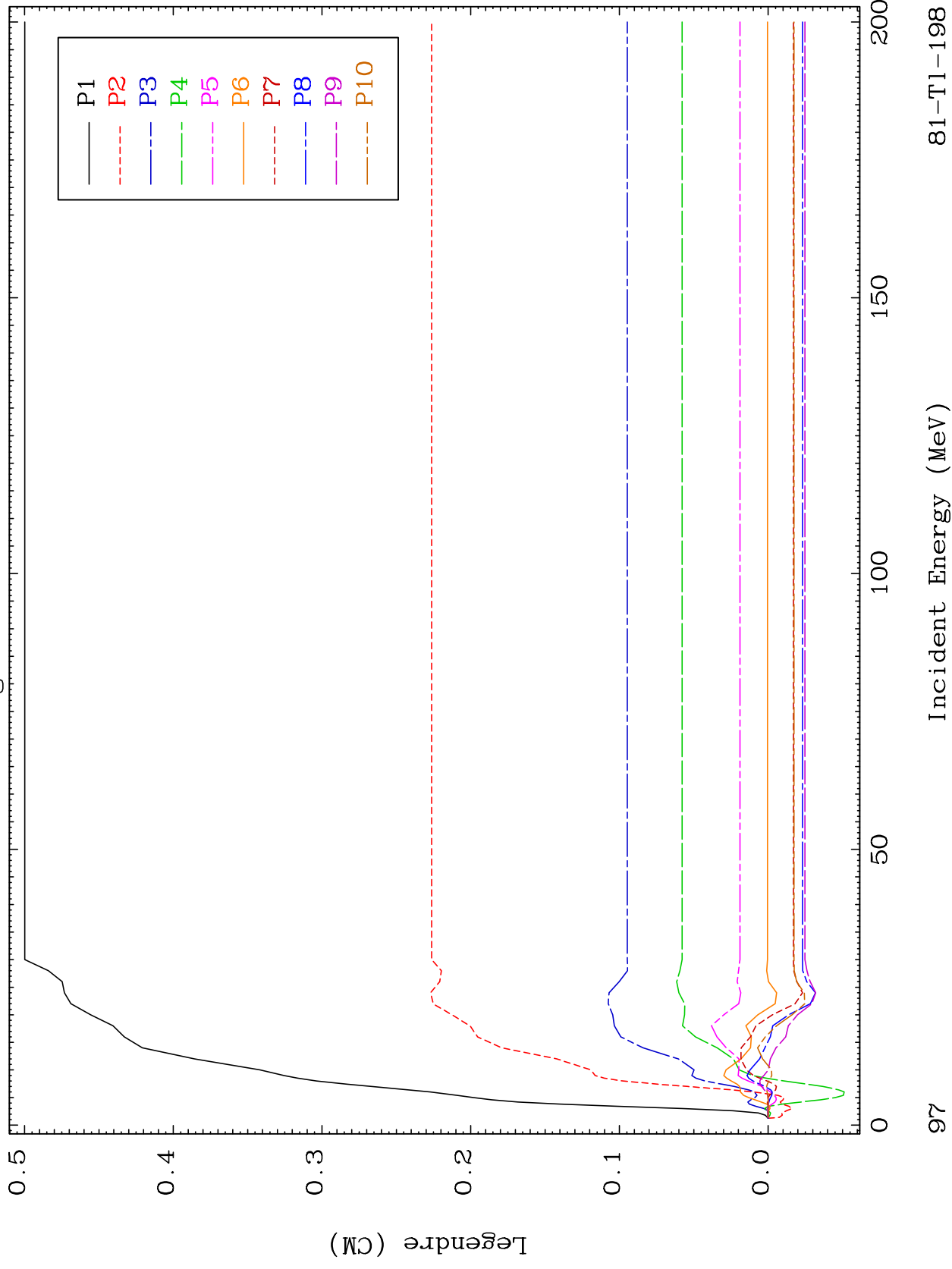




MAT 8110

MT= 72 (n,n') Level  
Legendre Coefficients

81-T1-198



97

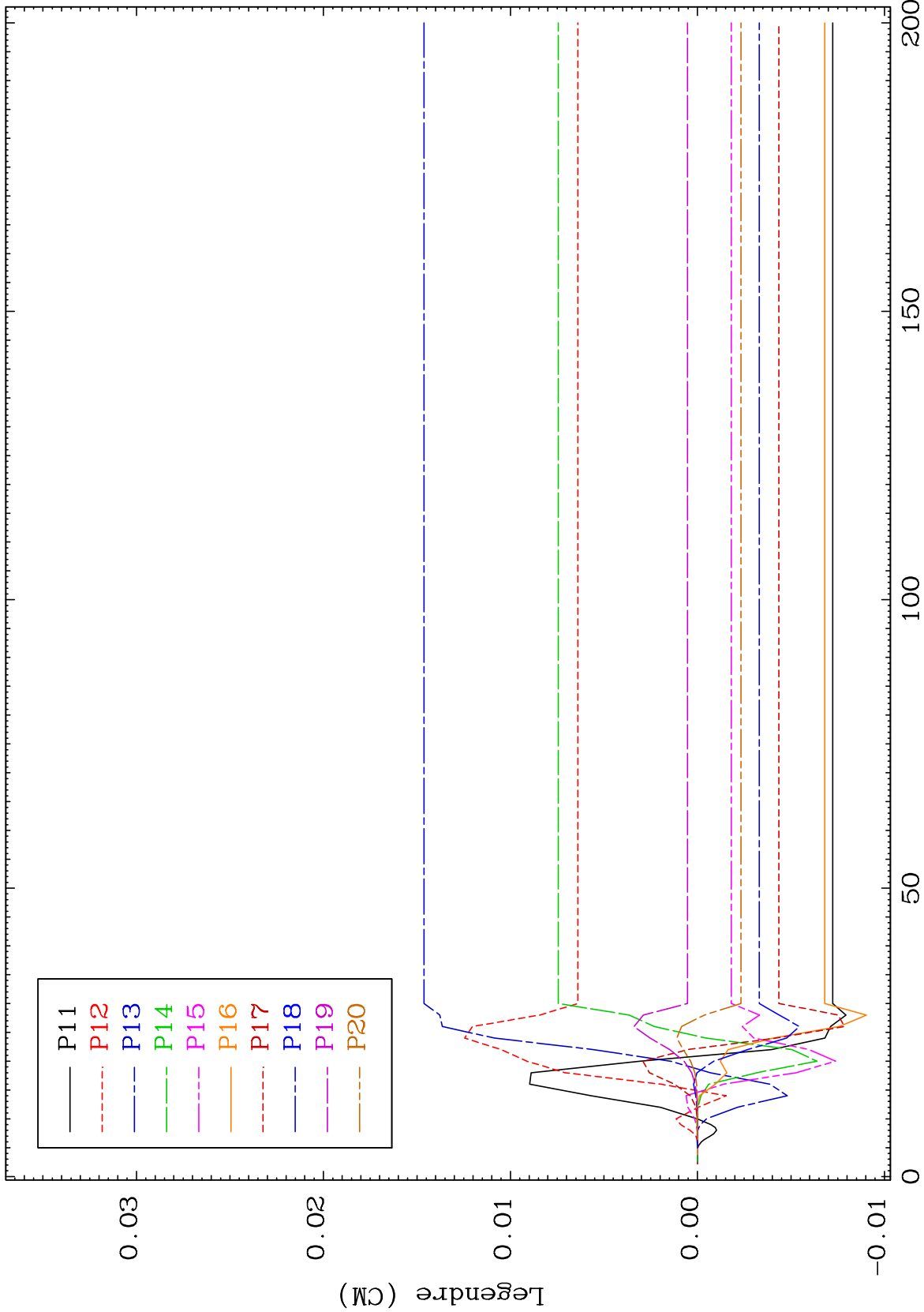
Incident Energy (MeV)

81-T1-198

MAT 8110

MT= 72 (n,n') Level  
Legendre Coefficients

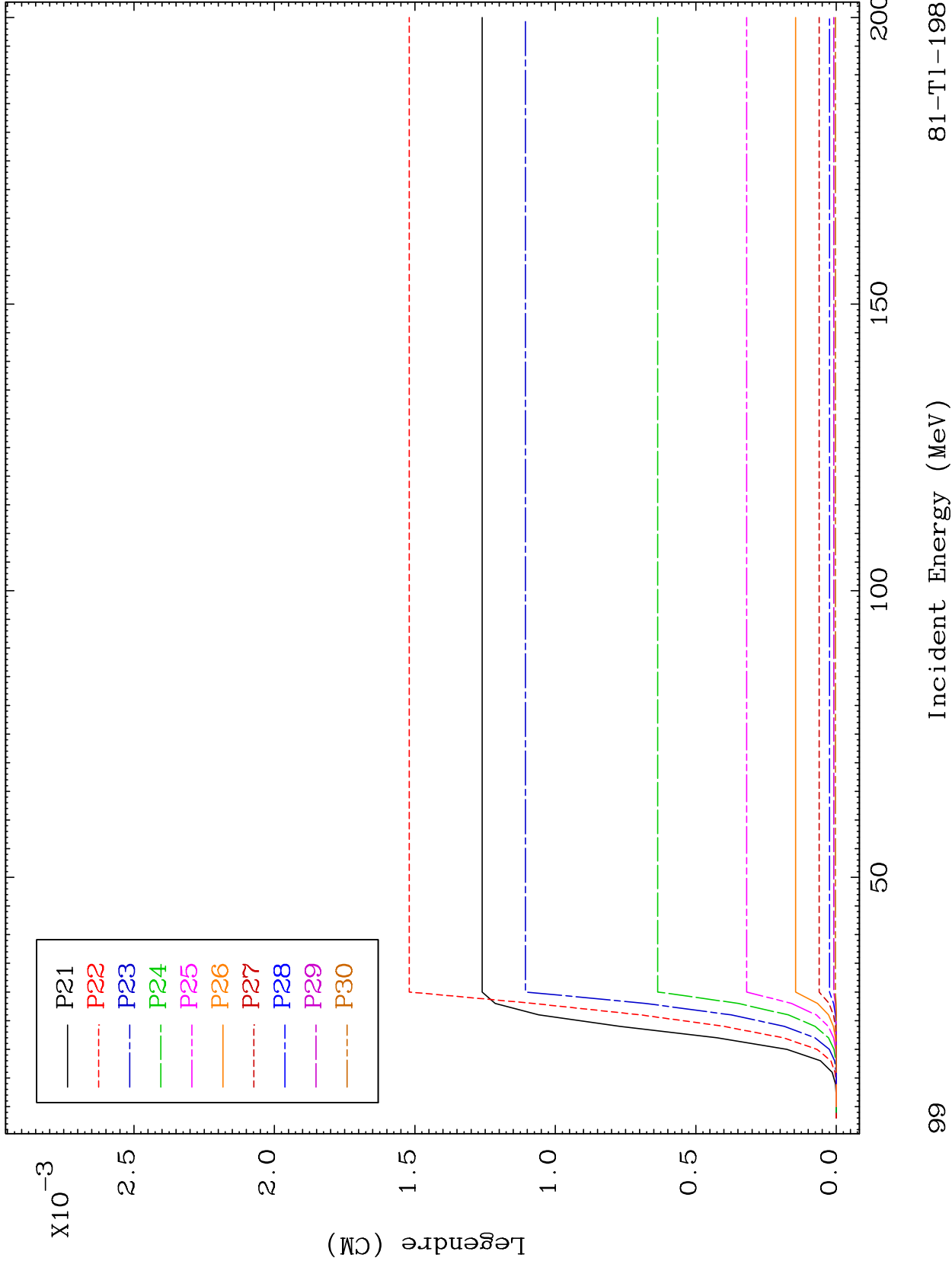
81-T1-198



98

Incident Energy (MeV)

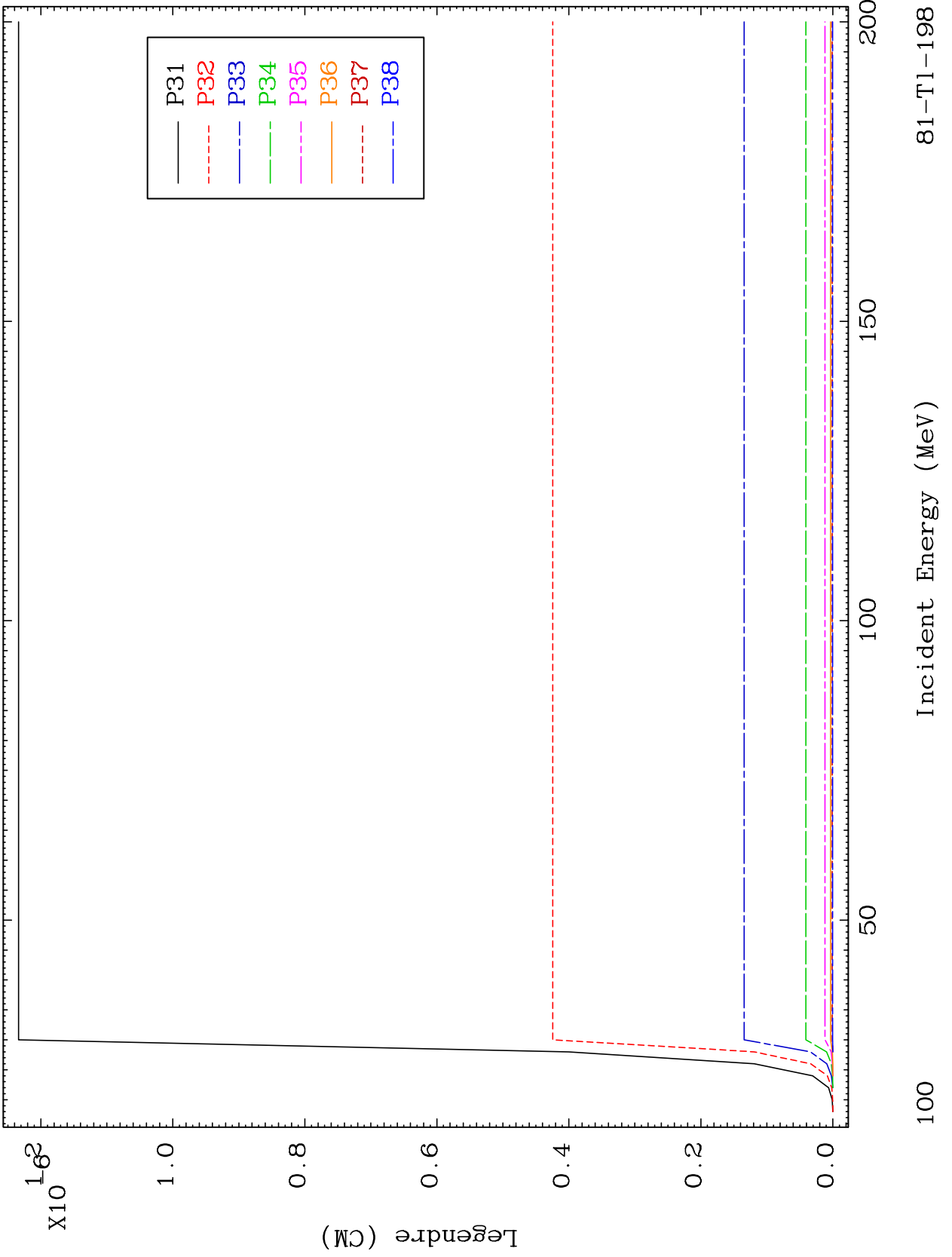
81-T1-198



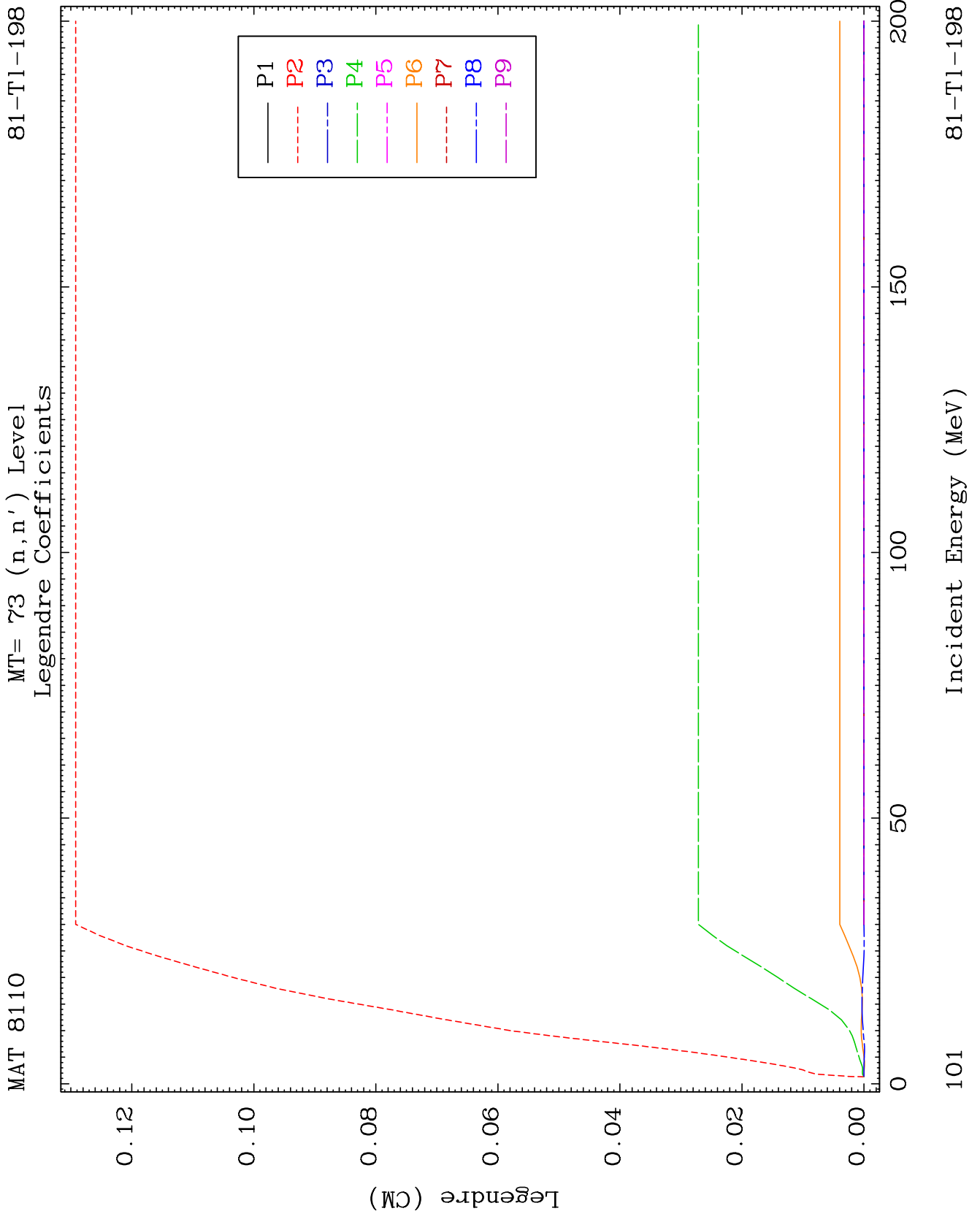
MAT 8110

MT= 72 (n,n') Level  
Legendre Coefficients

81-T1-198



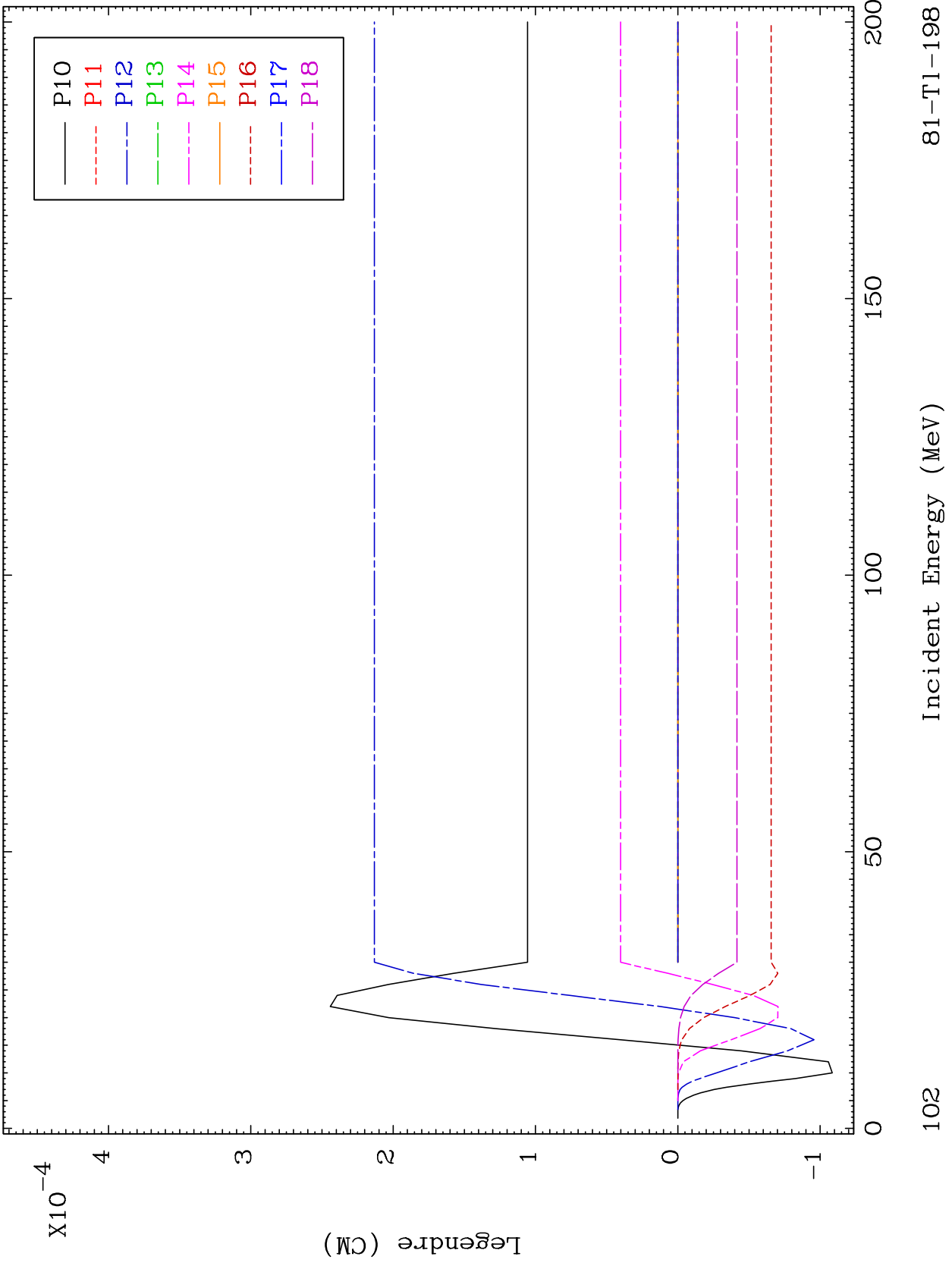
81-T1-198



MAT 8110

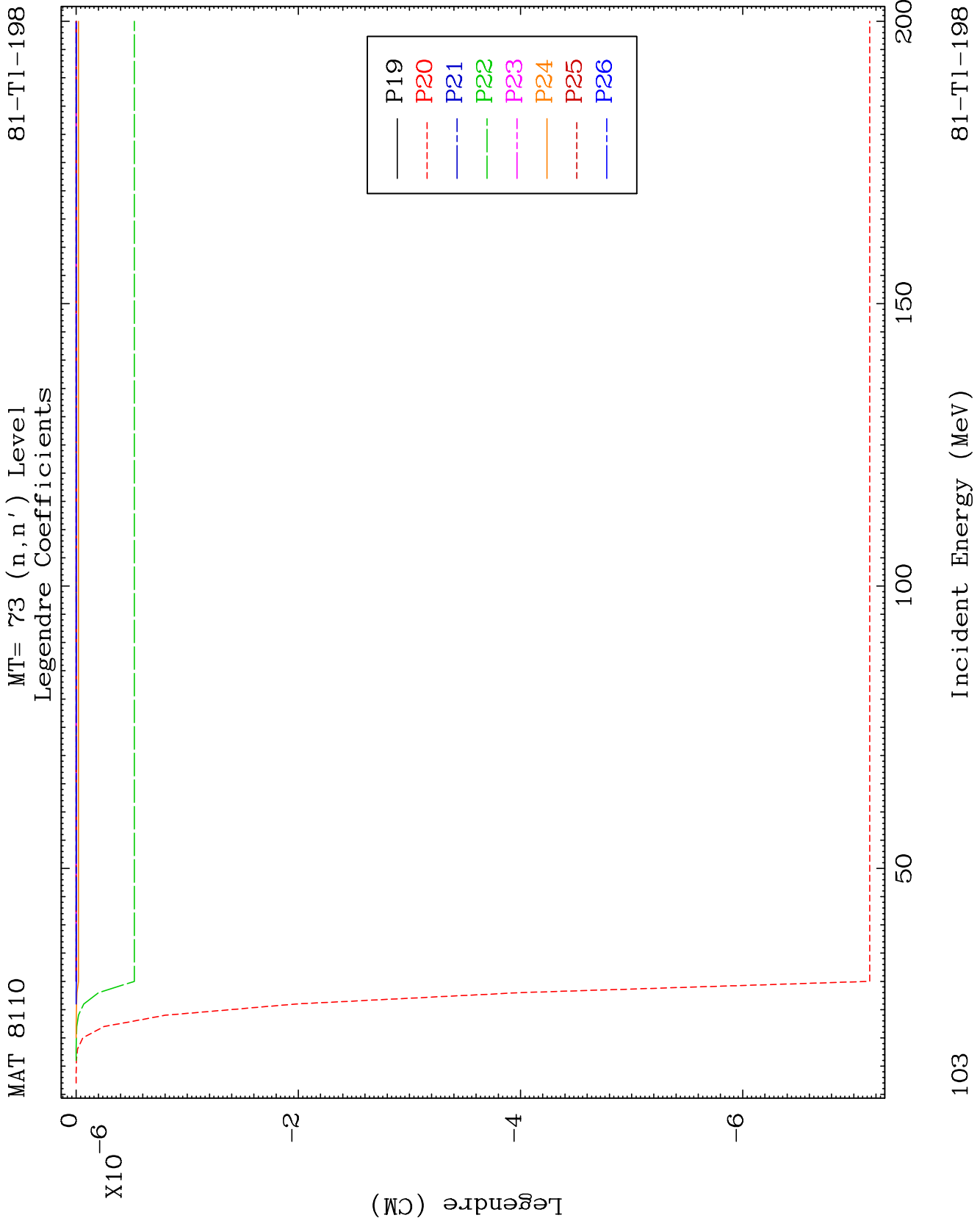
MT= 73 (n,n') Level  
Legendre Coefficients

81-T1-198



102

81-T1-198

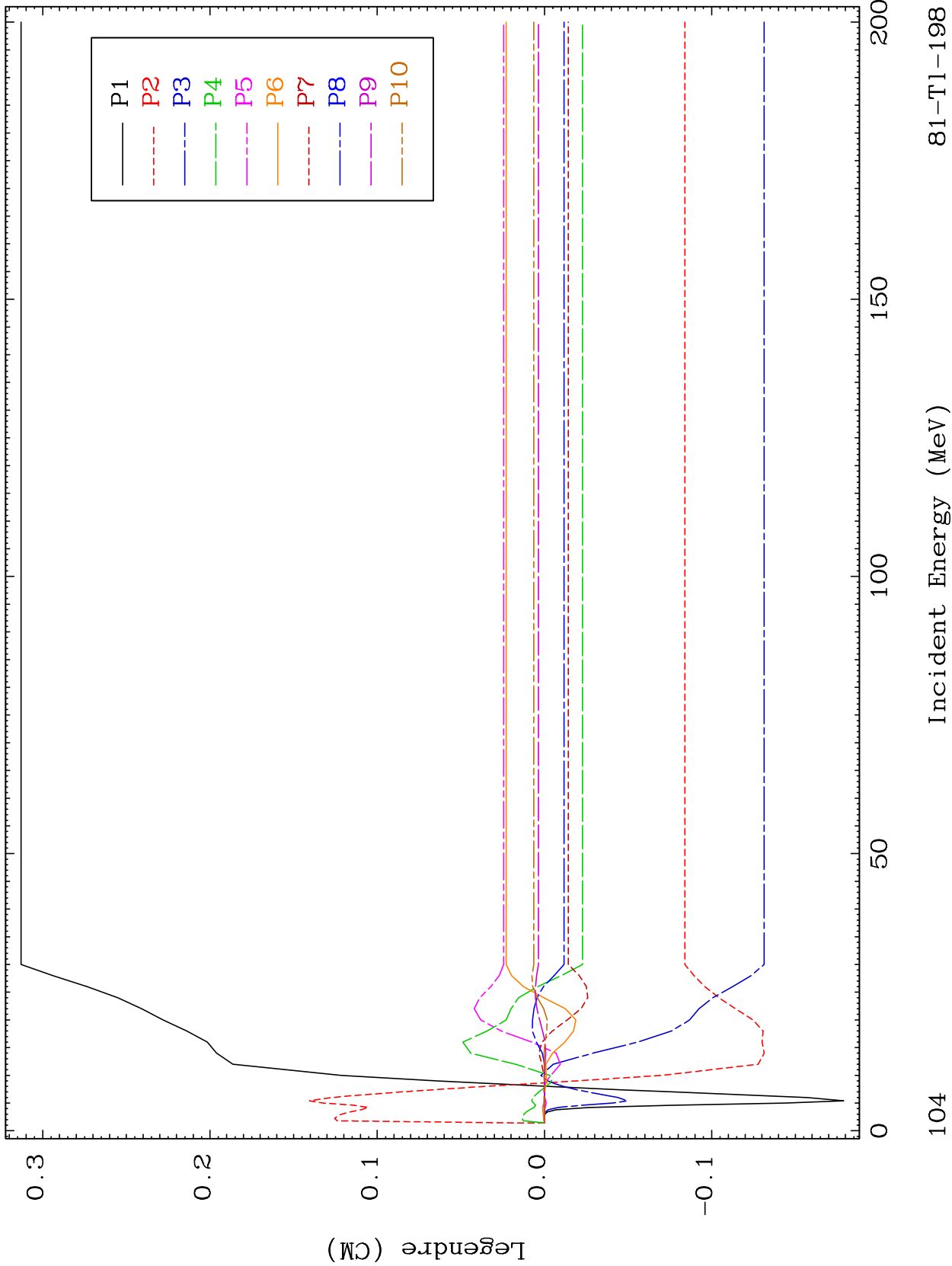




MAT 8110

MT= 74 (n,n') Level  
Legendre Coefficients

81-T1-198

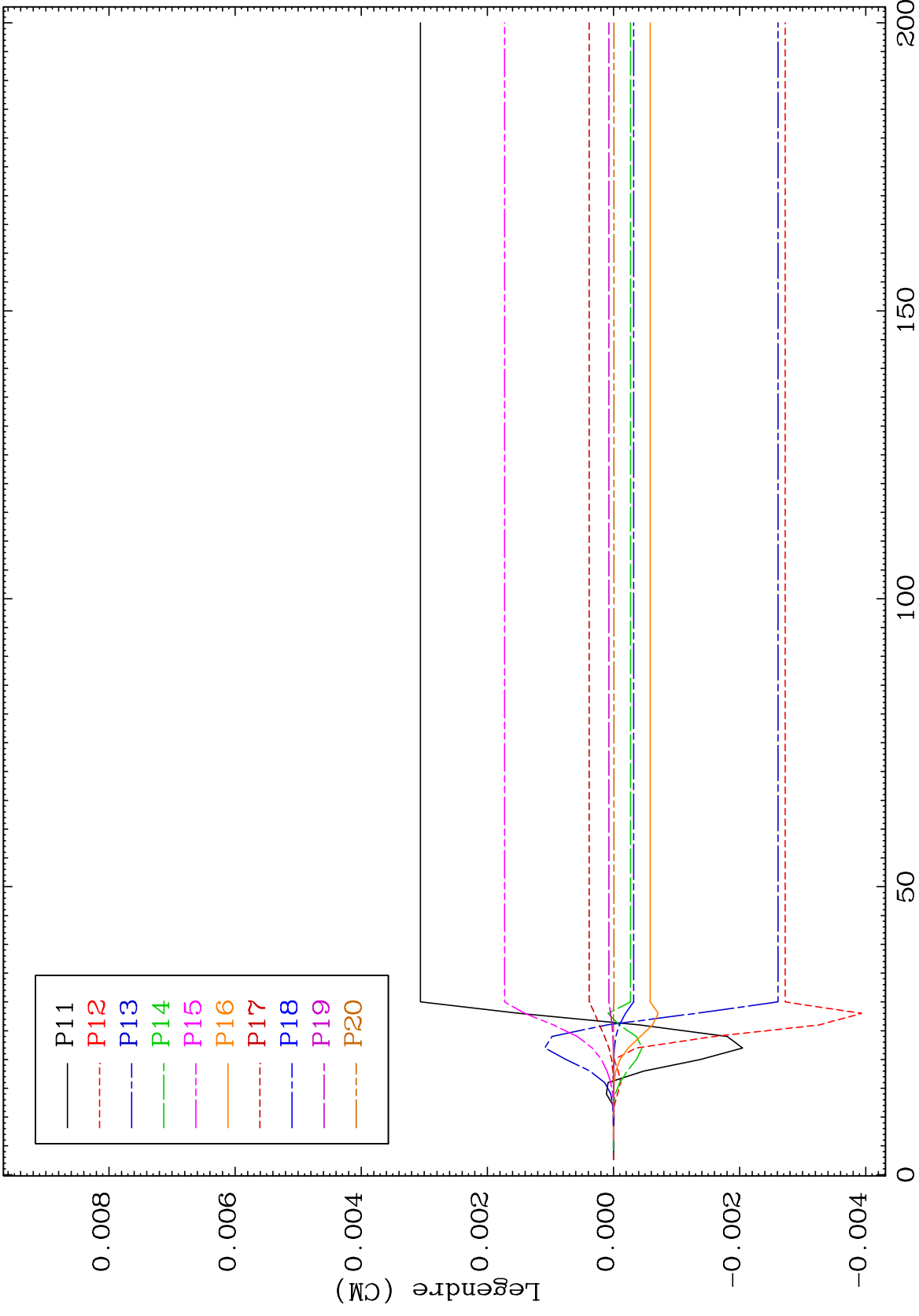


104

MAT 8110

MT= 74 (n,n') Level  
Legendre Coefficients

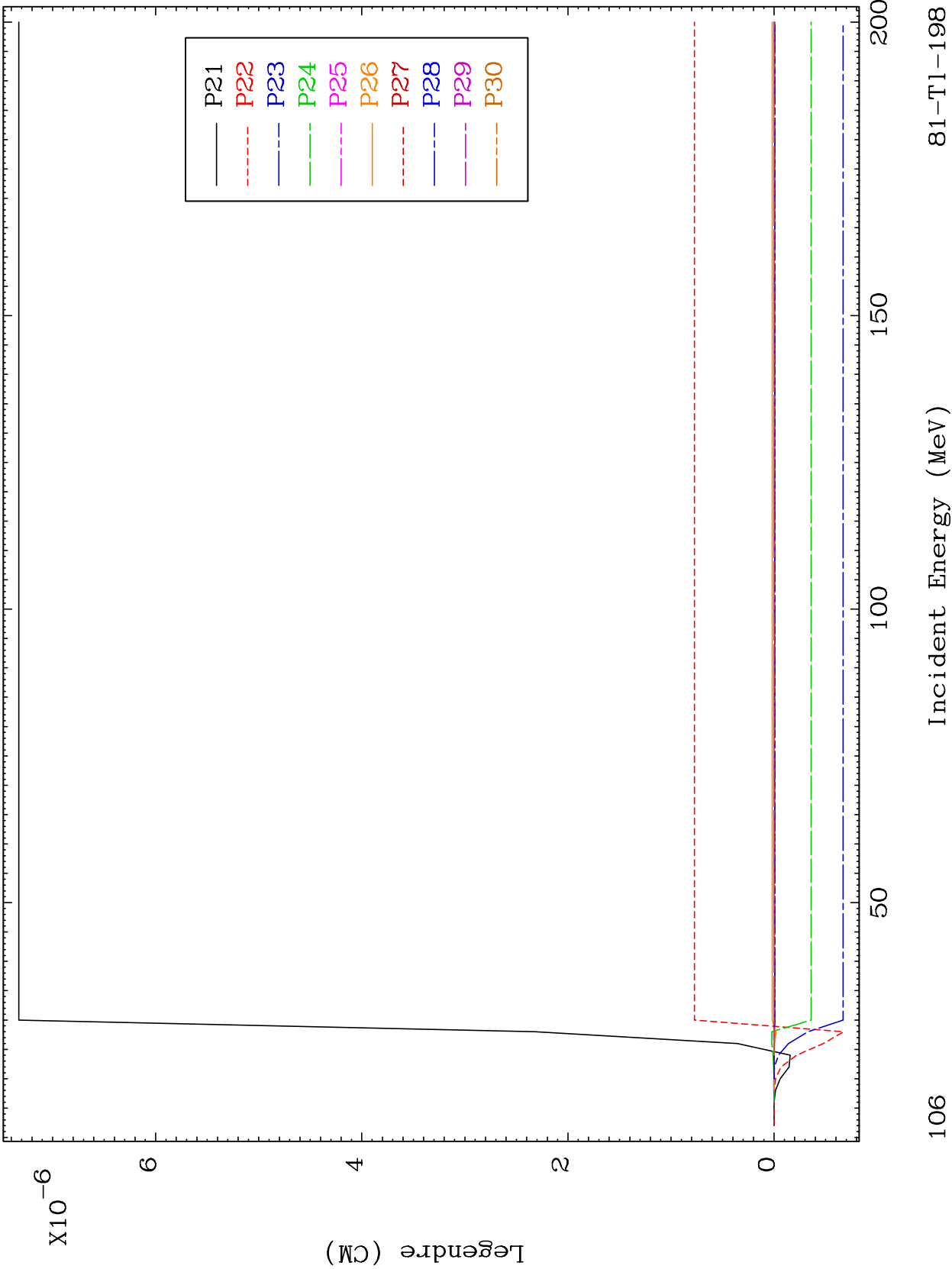
81-T1-198



105

Incident Energy (MeV)

81-T1-198

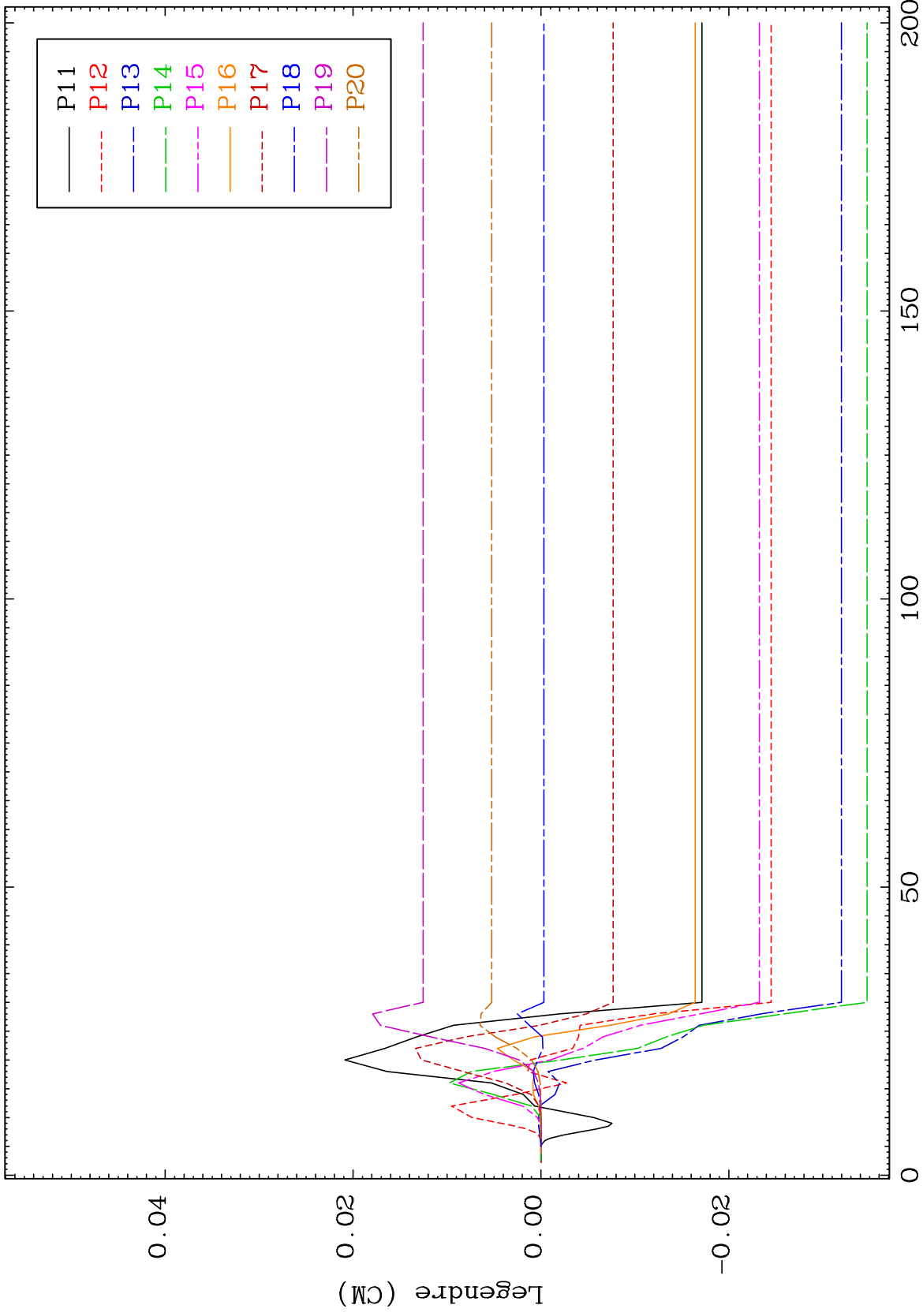




MAT 8110

MT= 75 (n,n') Level  
Legendre Coefficients

81-T1-198



108

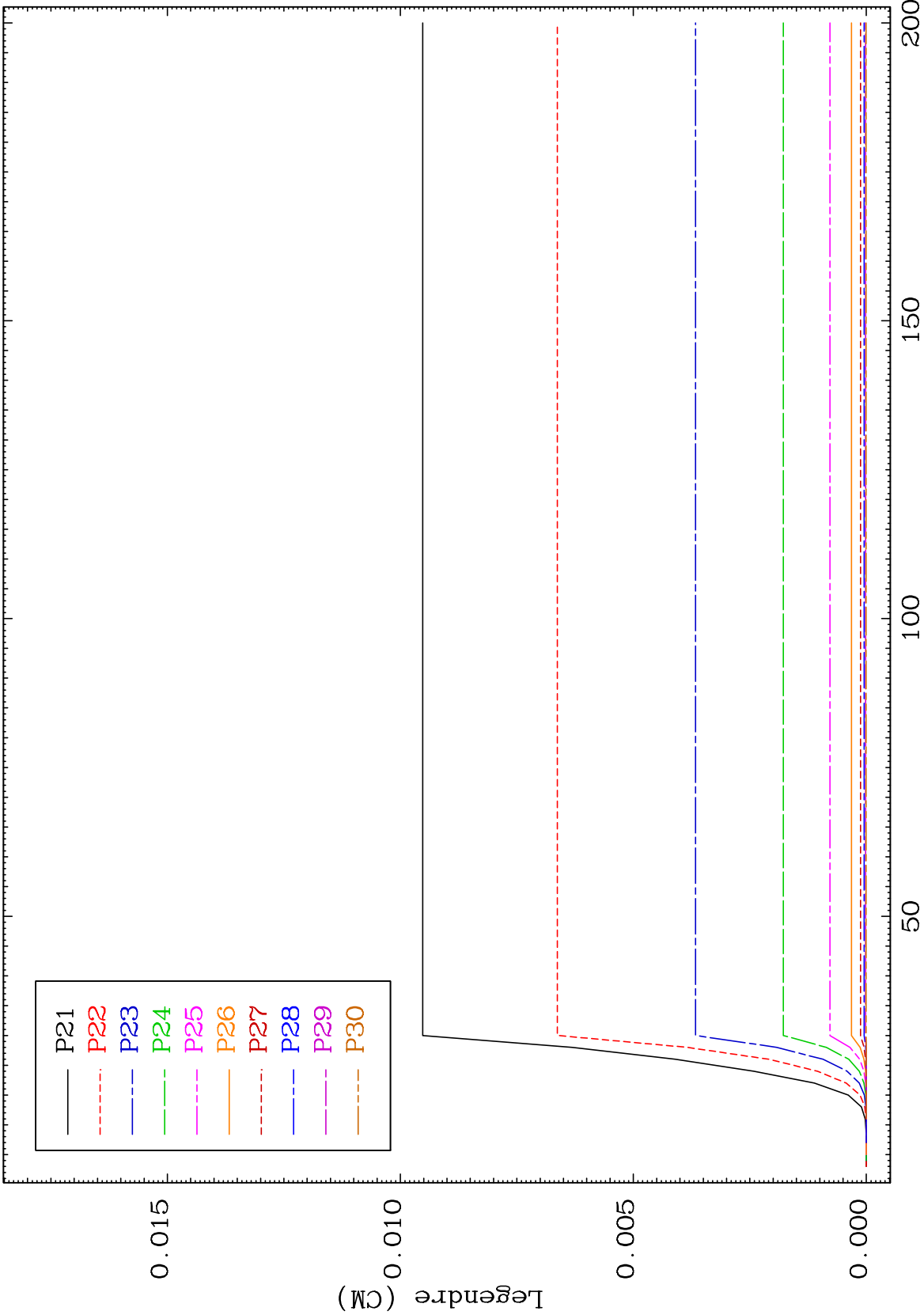
Incident Energy (MeV)

81-T1-198

MAT 8110

MT= 75 (n,n') Level  
Legendre Coefficients

81-Tl-198



109

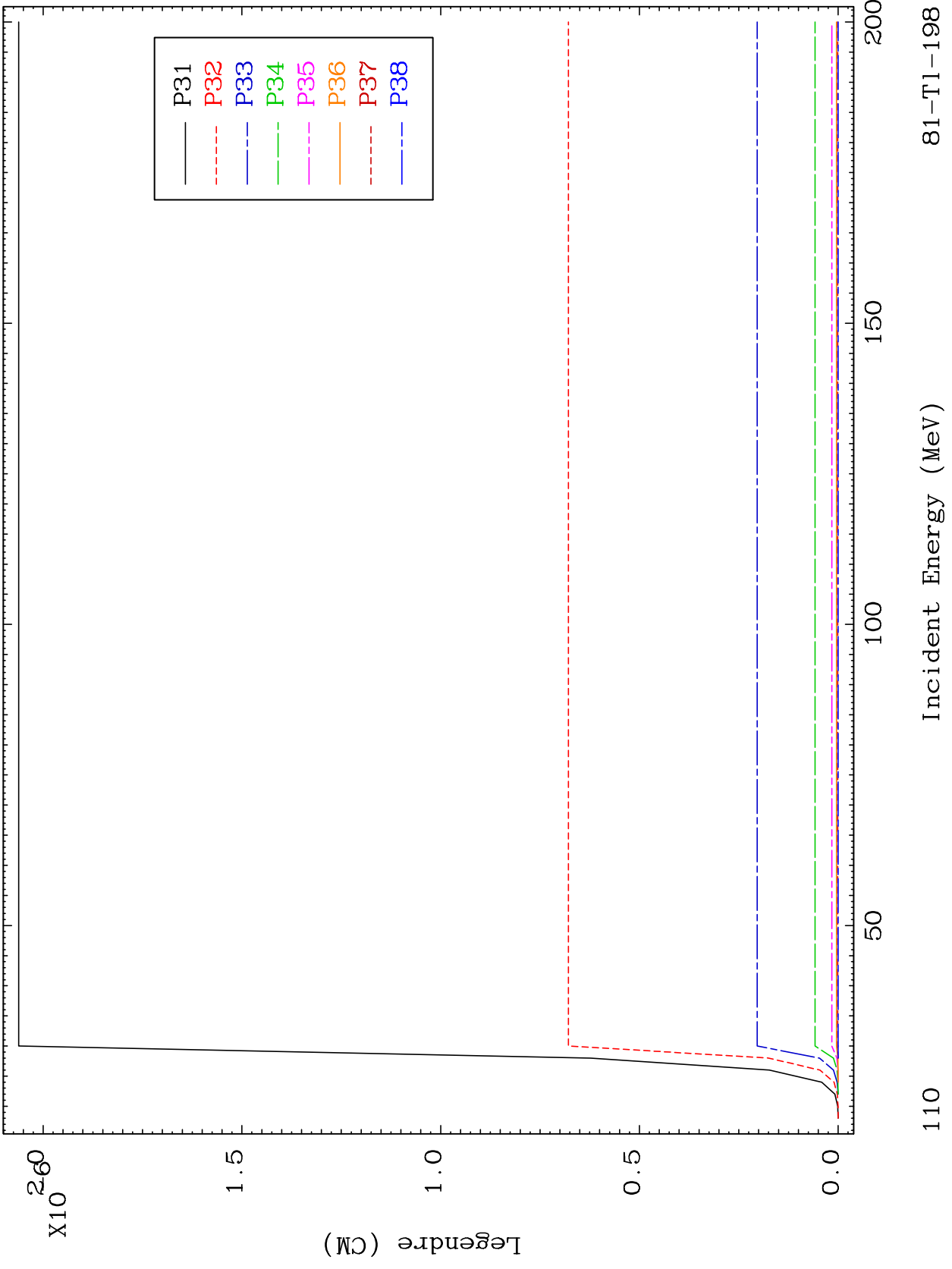
Incident Energy (MeV)

81-Tl-198

MAT 81110

MT= 75 (n,n') Level  
Legendre Coefficients

81-T1-198

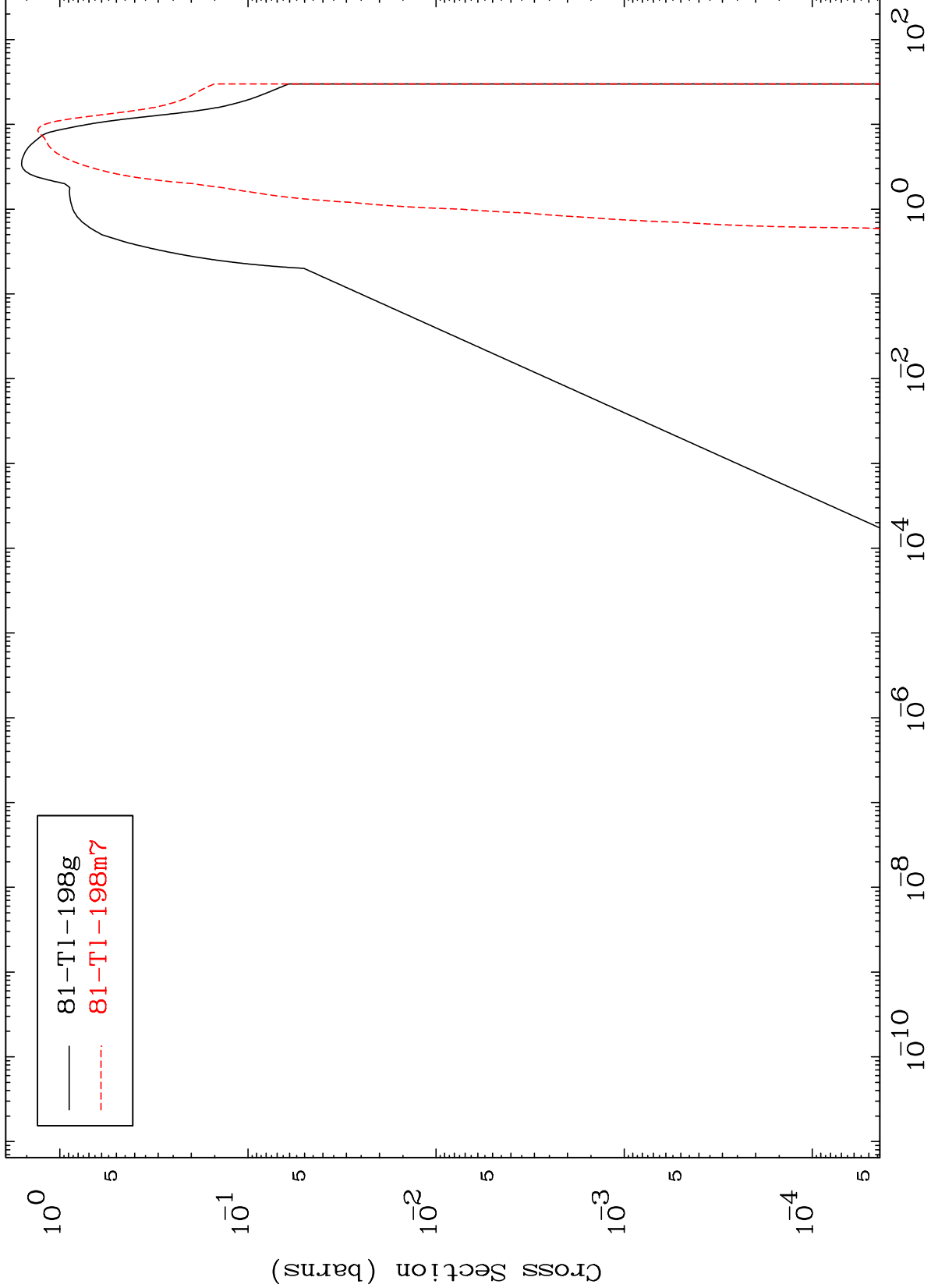


MAT 8110

Inelastic

81-Tl-198

Radionuclide Production Cross Section



81-Tl-198g  
81-Tl-198m7

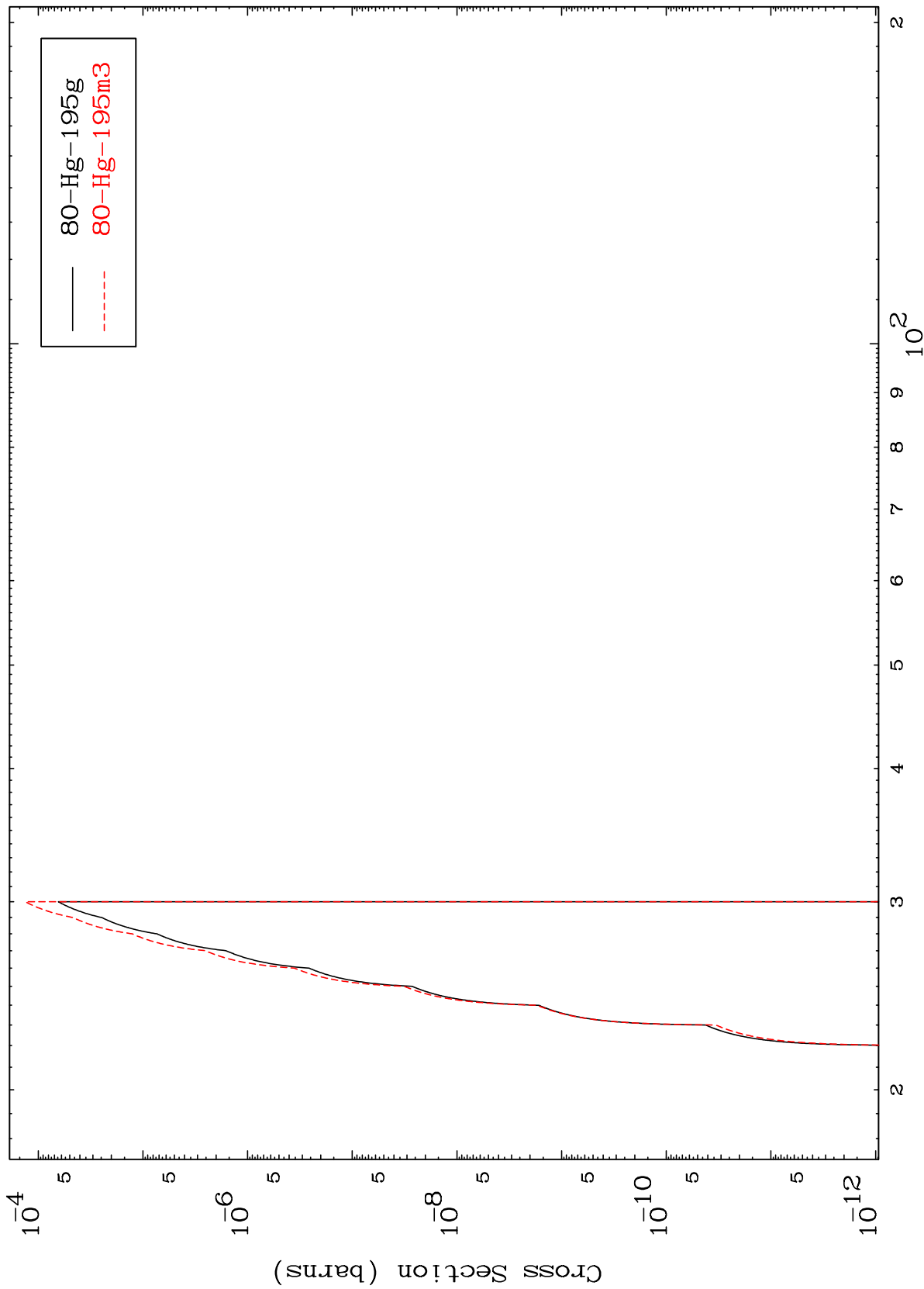
111

Incident Energy (MeV)

81-Tl-198



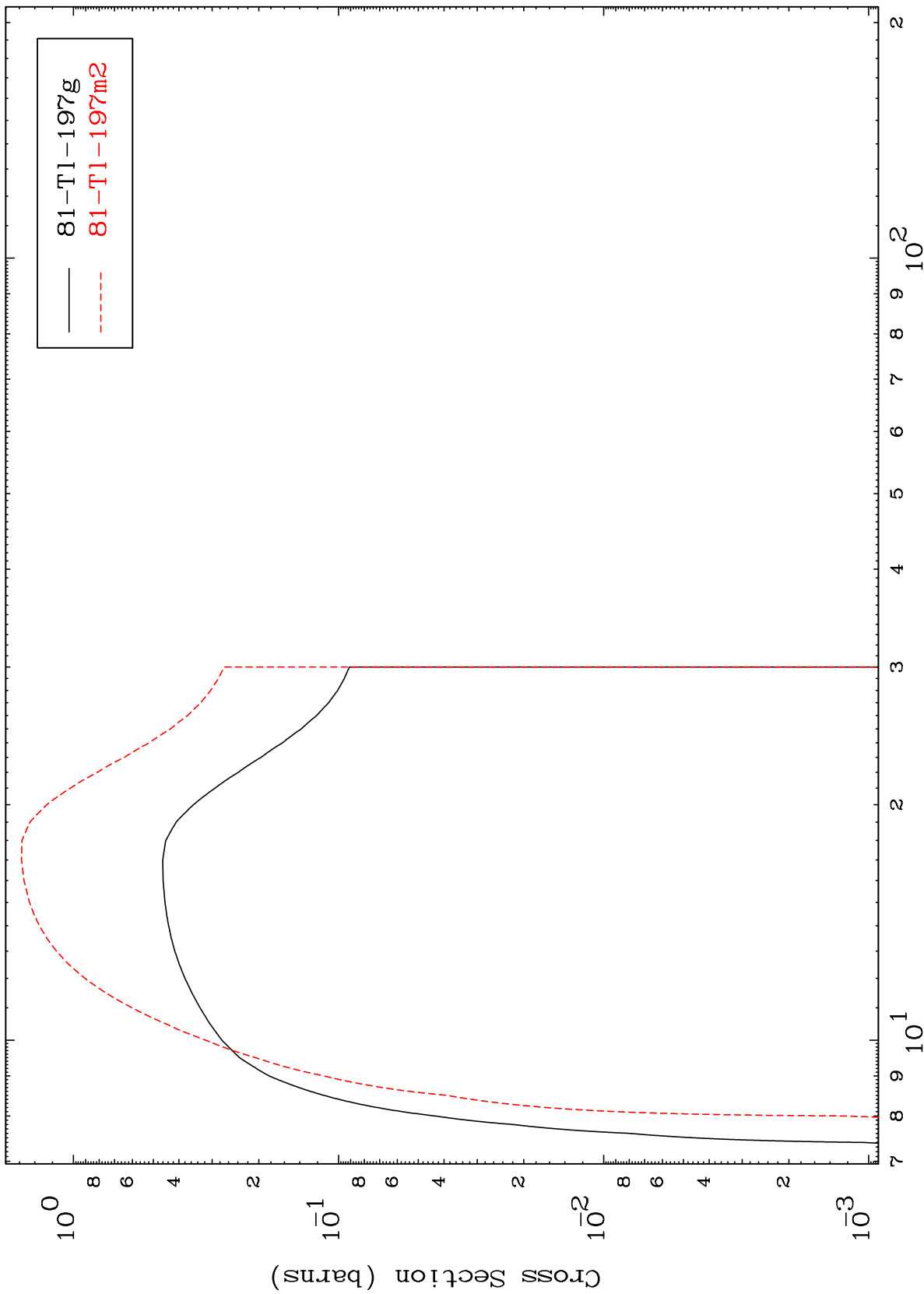
Radionuclide Production Cross Section



MAT 8110

81-Tl-198

(n,2n)  
Radionuclide Production Cross Section



81-Tl-197g  
81-Tl-197m2

113

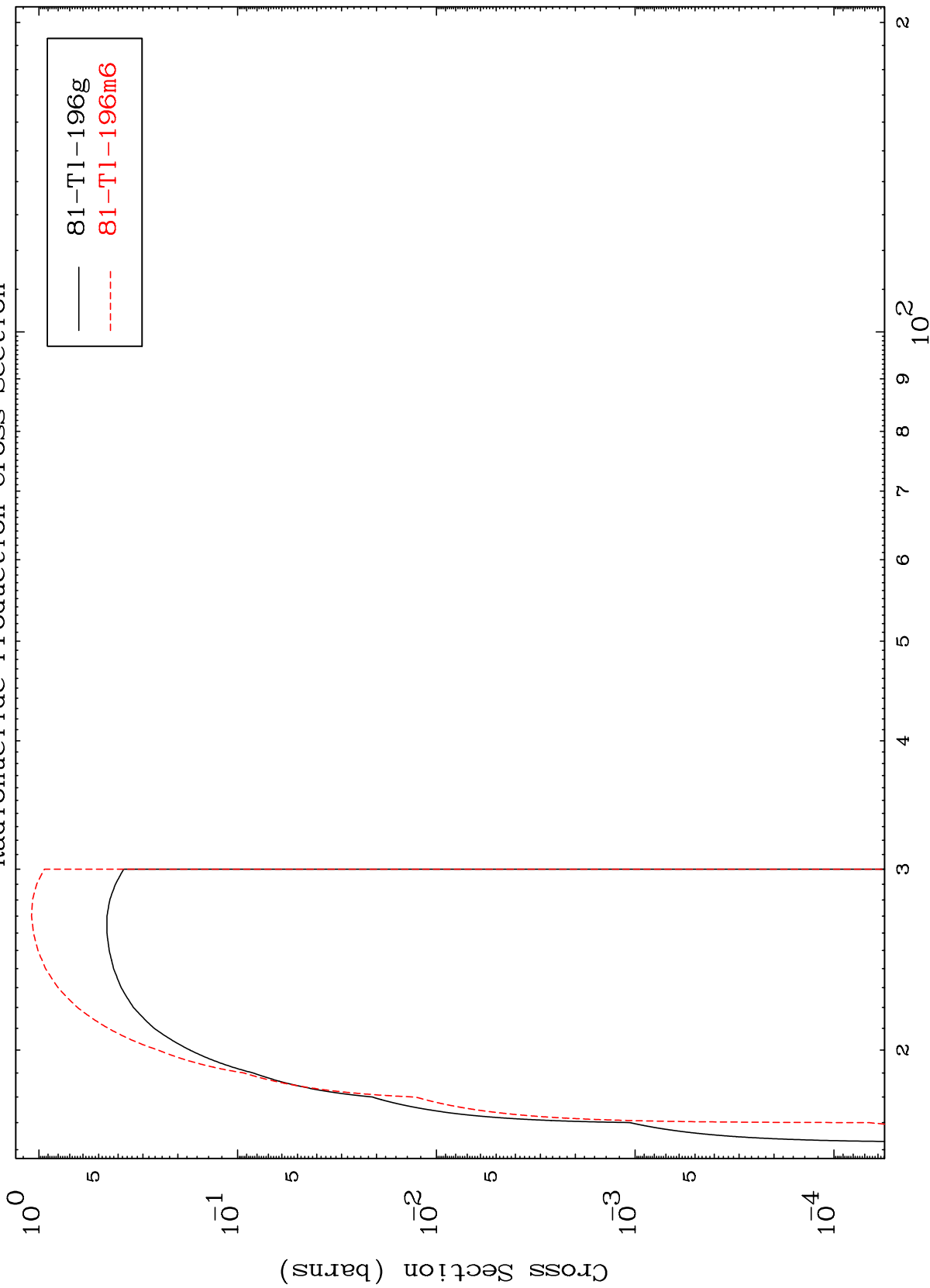
Incident Energy (MeV)

81-Tl-198

MAT 8110

81-Tl-198

(n,3n)  
Radionuclide Production Cross Section



81-Tl-198

Incident Energy (MeV)

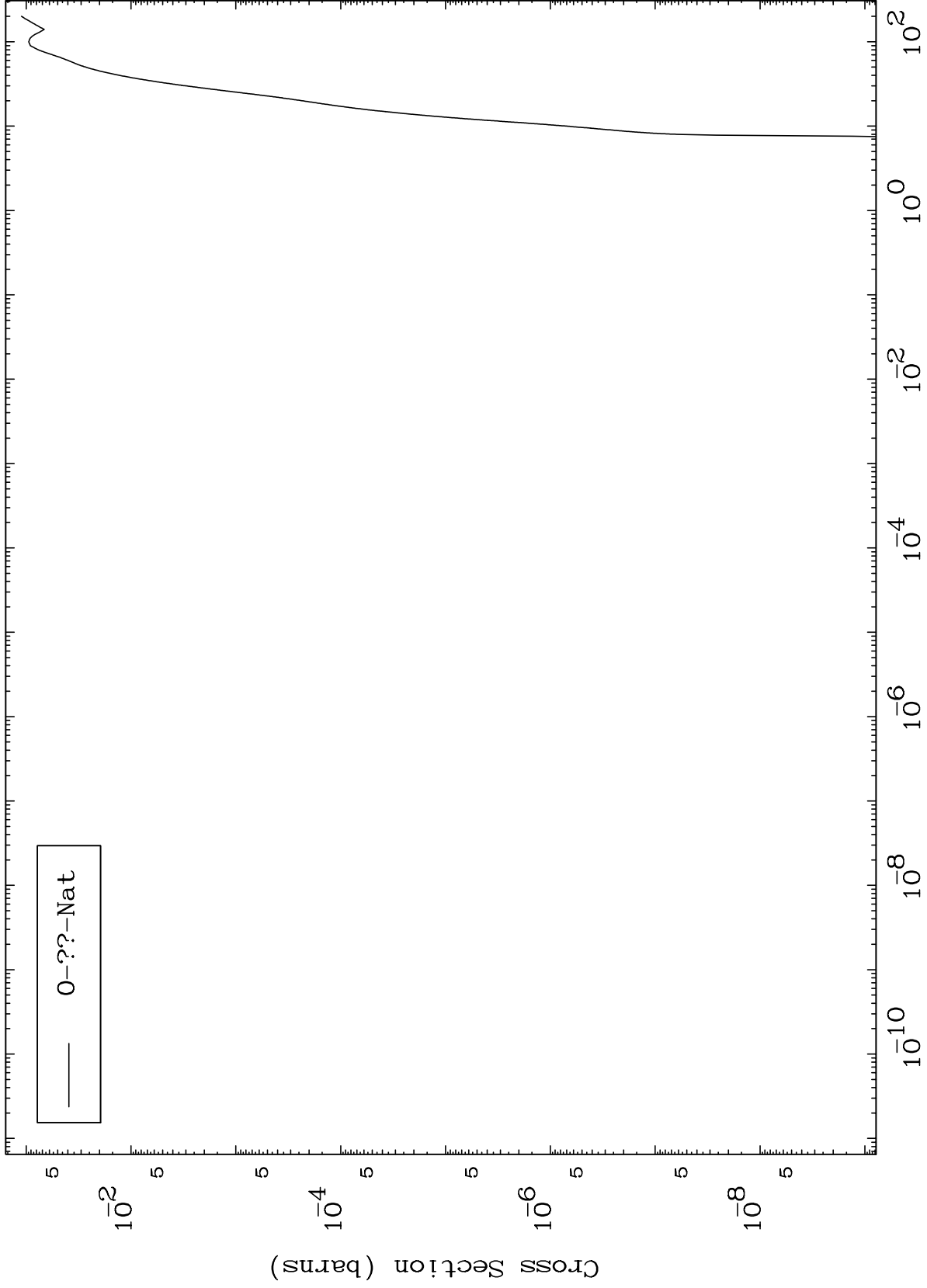
114

MAT 8110

Fission

81-Tl-198

Radionuclide Production Cross Section



115

Incident Energy (MeV)

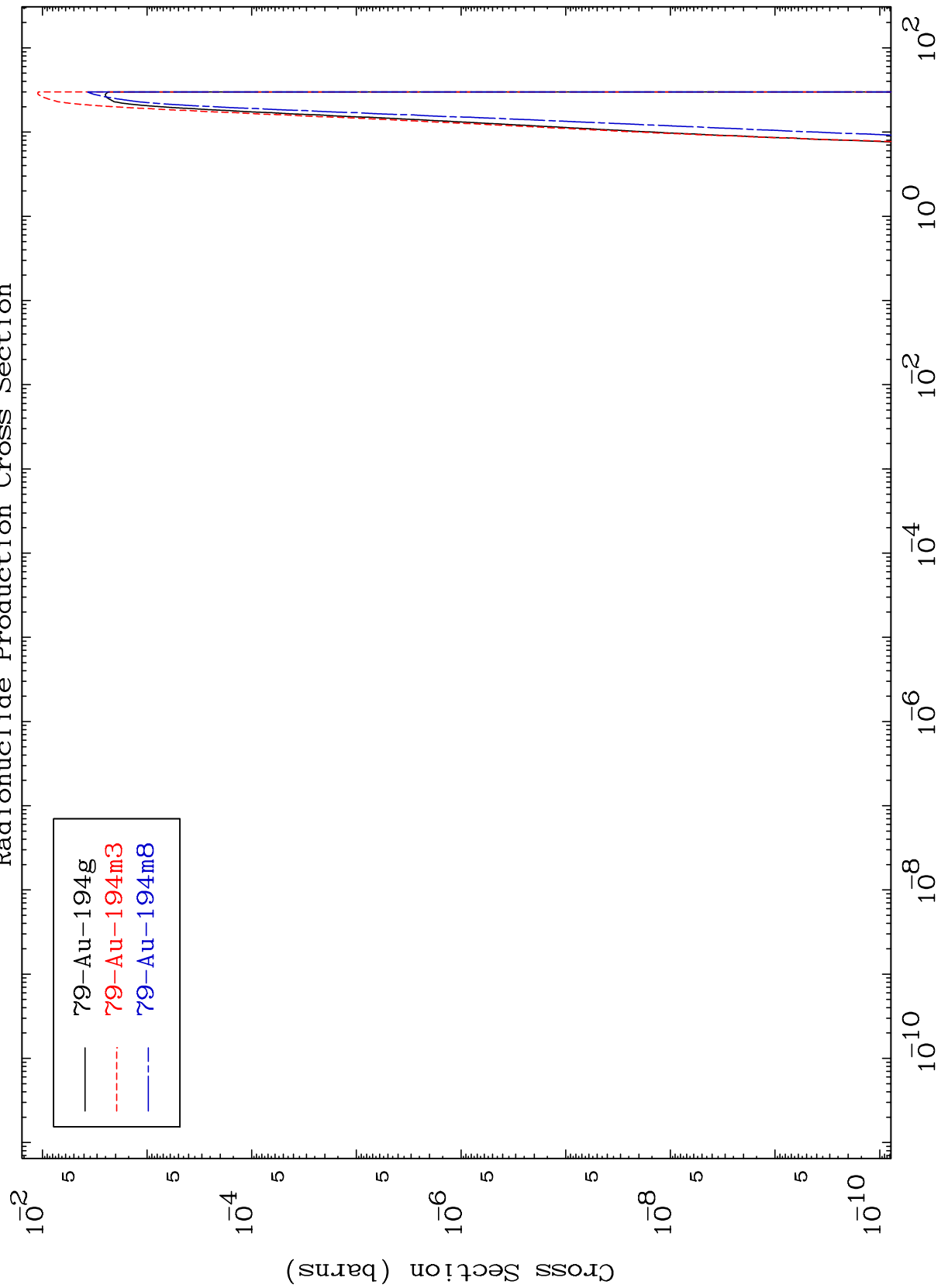
81-Tl-198

MAT 8110

$(n, n') \alpha$

81-Tl-198

Radionuclide Production Cross Section



79-Au-194g  
79-Au-194m3  
79-Au-194m8

116

Incident Energy (MeV)

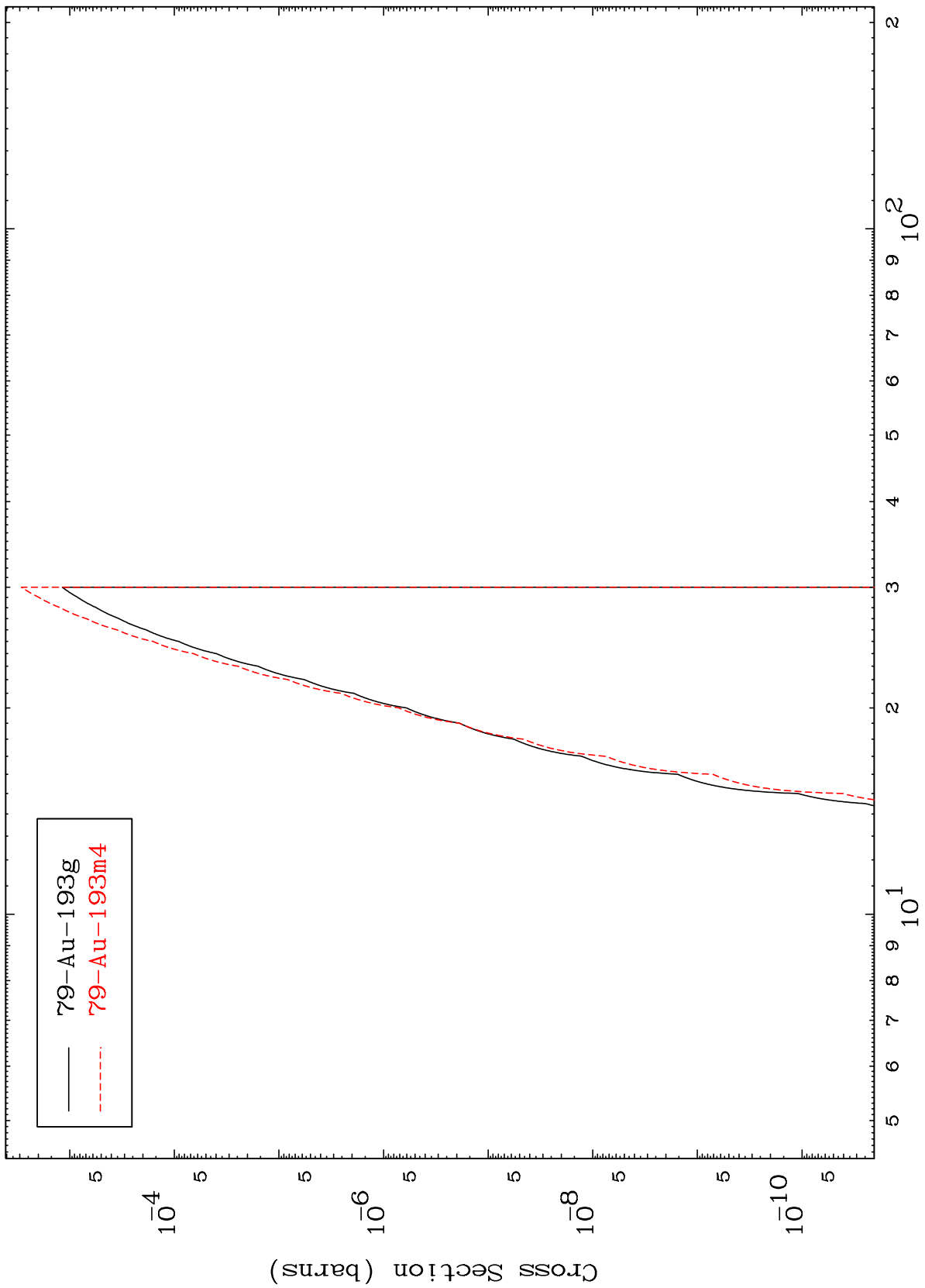
81-Tl-198

MAT 8110

81-Tl-198

(n,2n)  $\alpha$

Radionuclide Production Cross Section



117

Incident Energy (MeV)

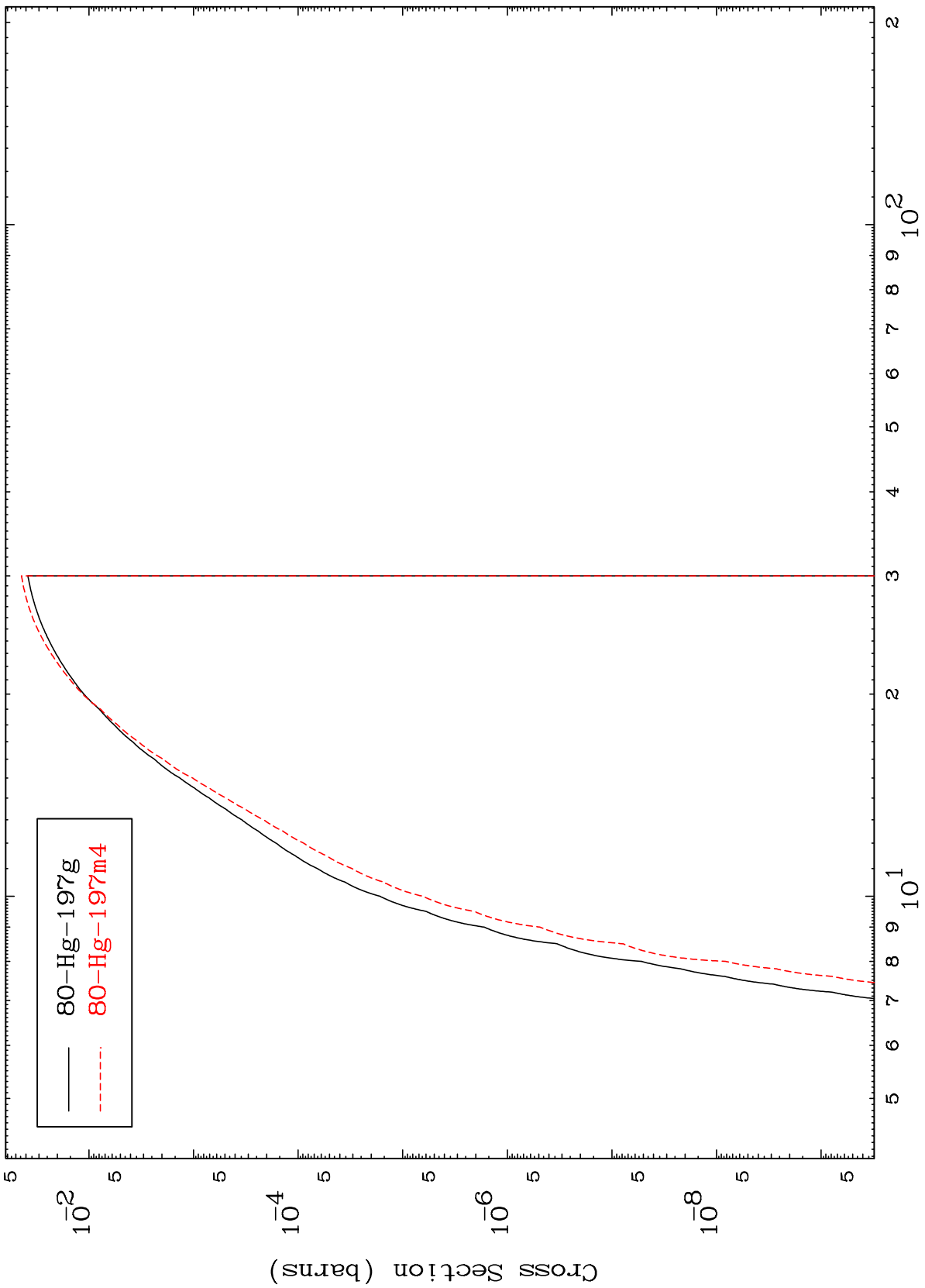
81-Tl-198

MAT 8110

(n,n') p

81-Tl-198

Radionuclide Production Cross Section



80-Hg-197g  
80-Hg-197m4

118

Incident Energy (MeV)

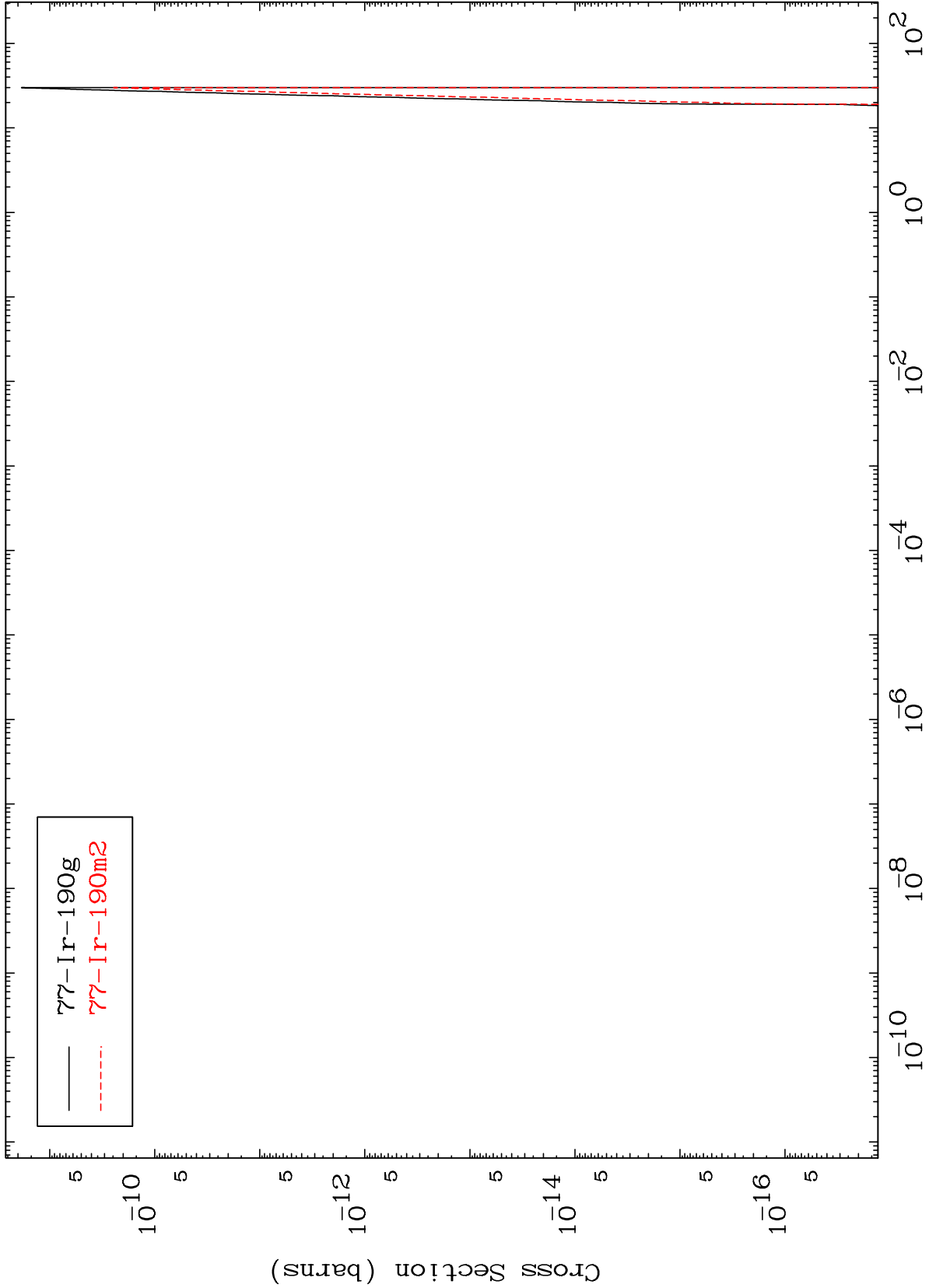
81-Tl-198

MAT 8110

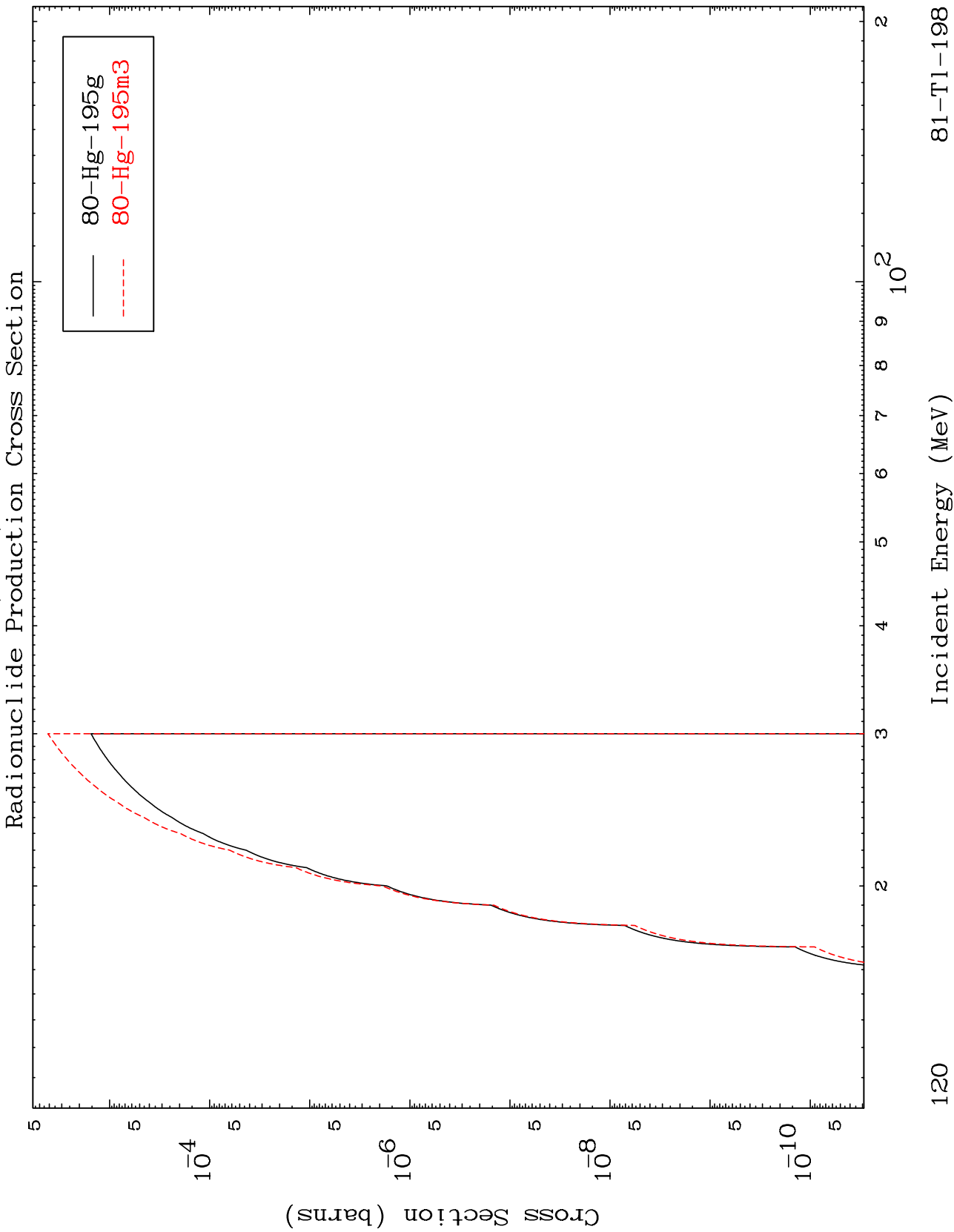
(n,n') 2α

81-Tl-198

Radionuclide Production Cross Section





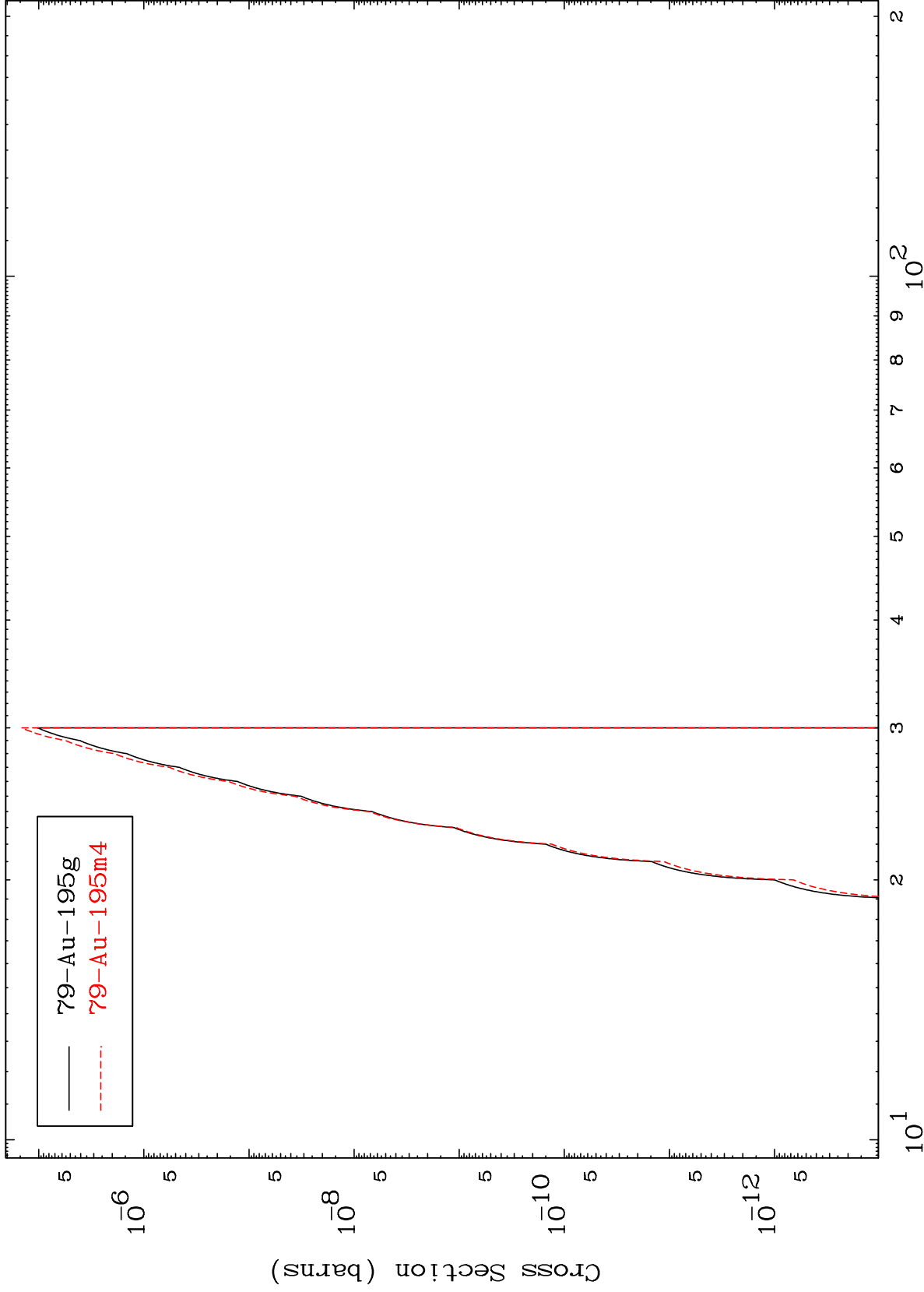


MAT 8110

(n,n') He-3

81-T1-198

Radionuclide Production Cross Section



121

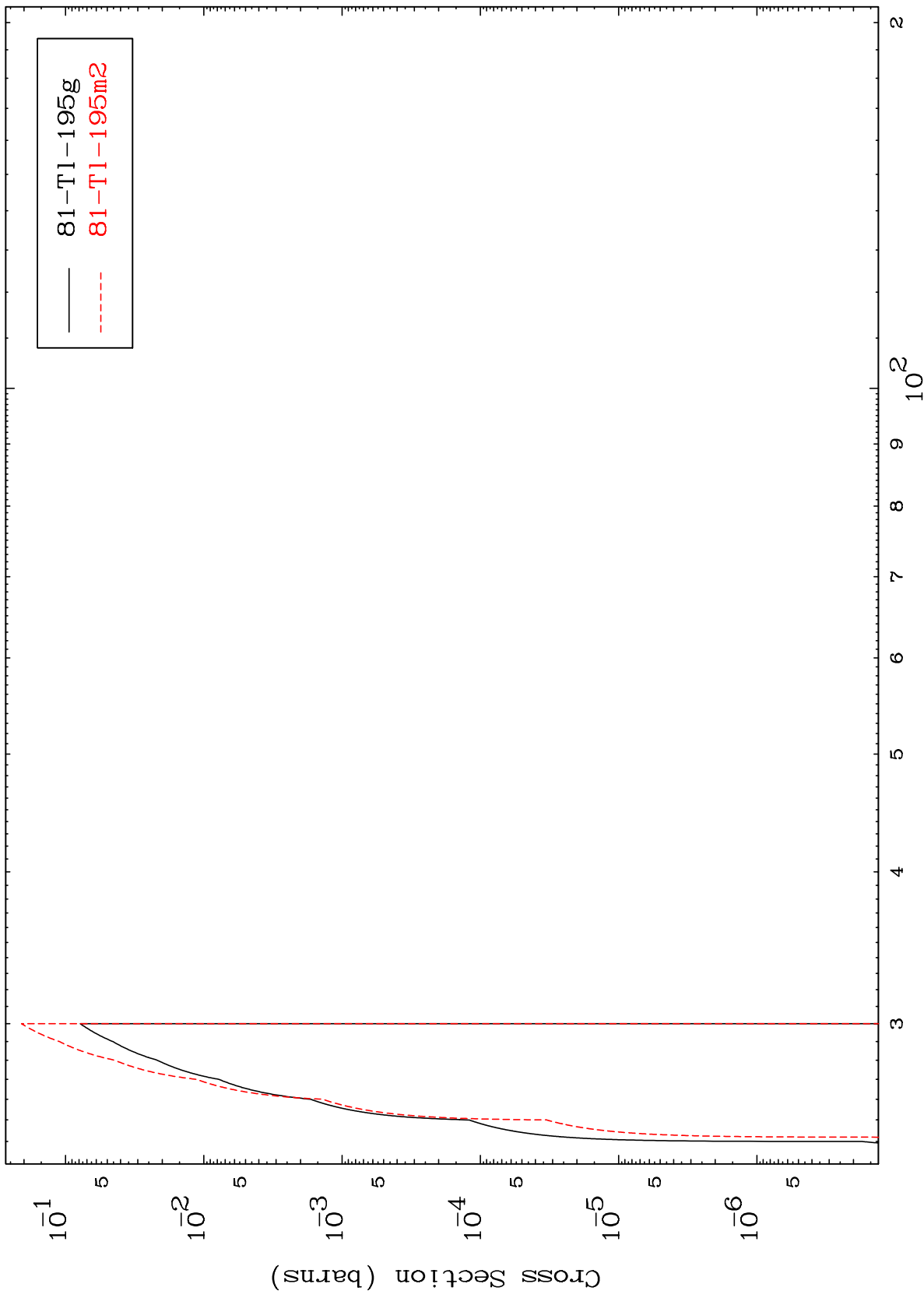
Incident Energy (MeV)

81-T1-198

MAT 8110

81-Tl-198

(n,4n)  
Radionuclide Production Cross Section

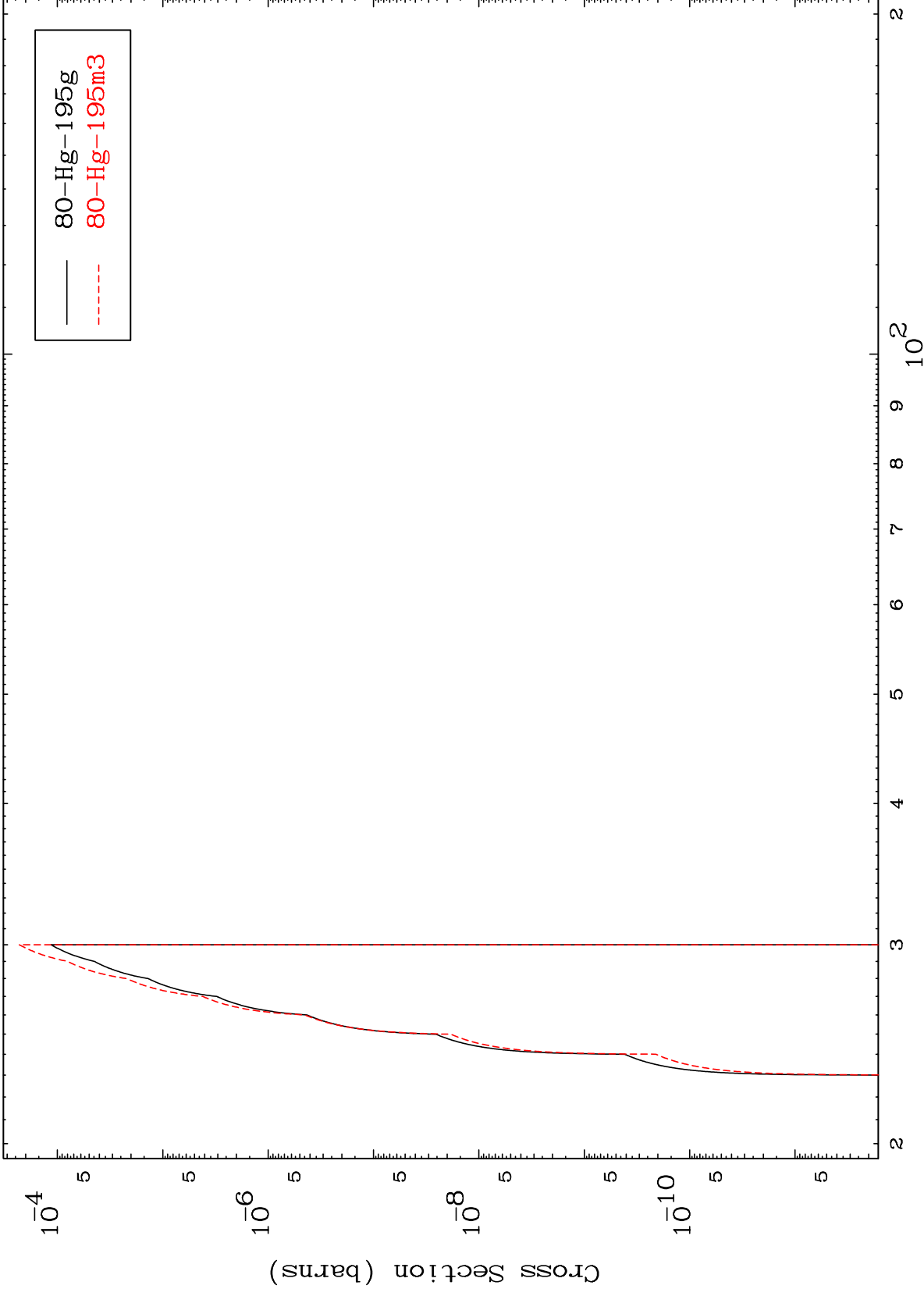


122

Incident Energy (MeV)

81-Tl-198

Radionuclide Production Cross Section

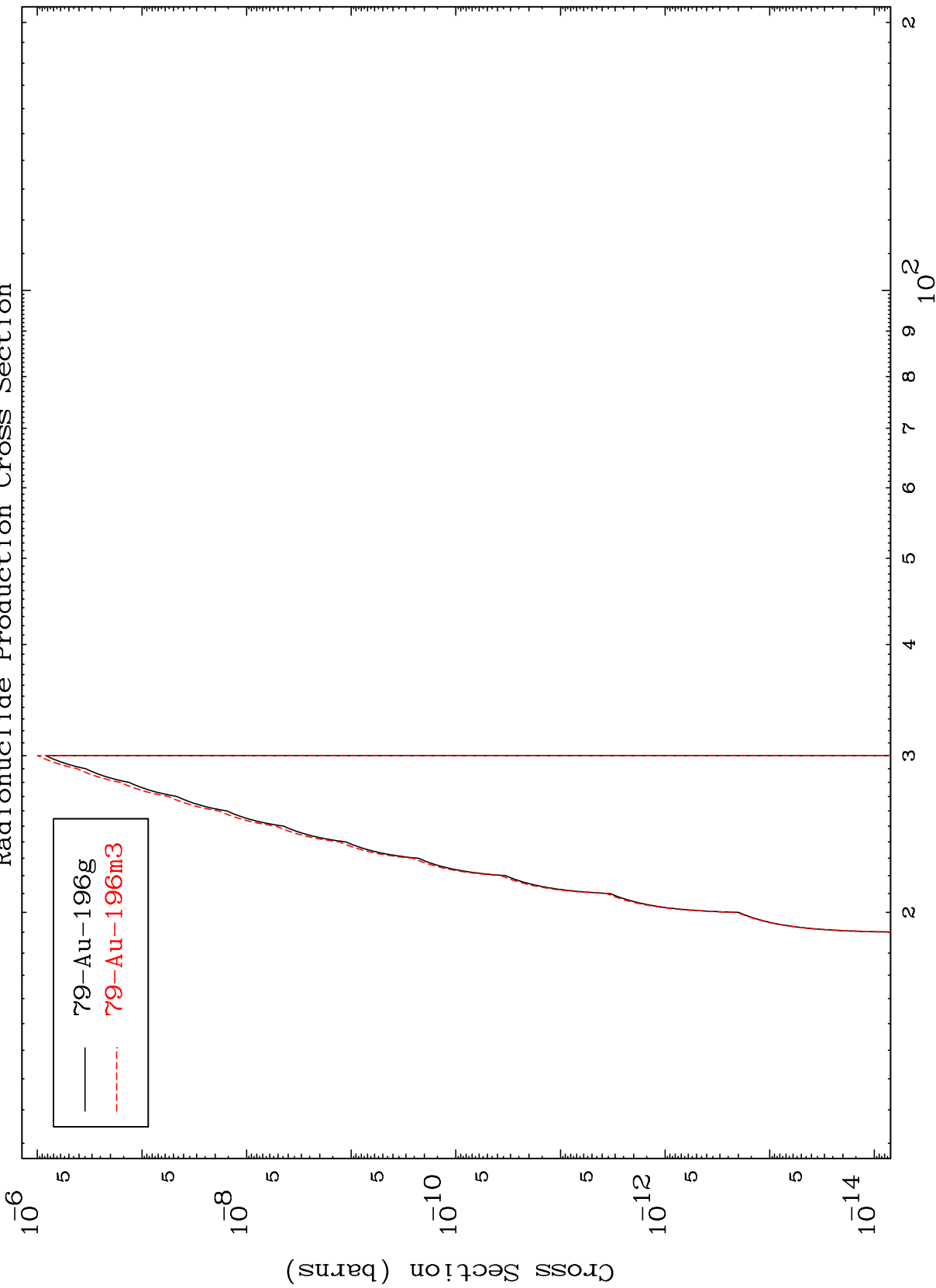


MAT 8110

(n,2n) p

81-Tl-198

Radionuclide Production Cross Section



124

Incident Energy (MeV)

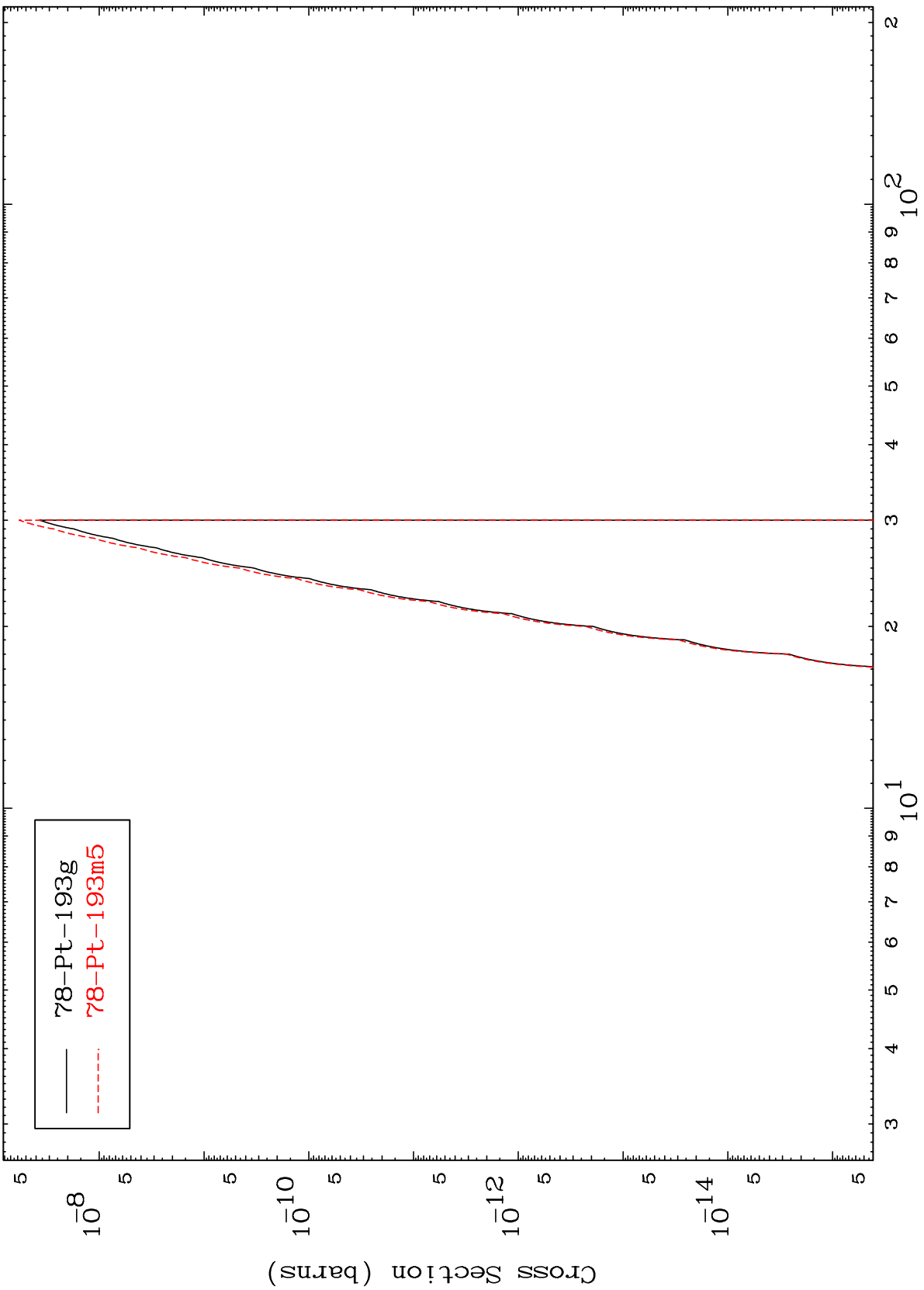
81-Tl-198

MAT 8110

(n,n') p  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



78-Pt-193g  
78-Pt-193m5

125

Incident Energy (MeV)

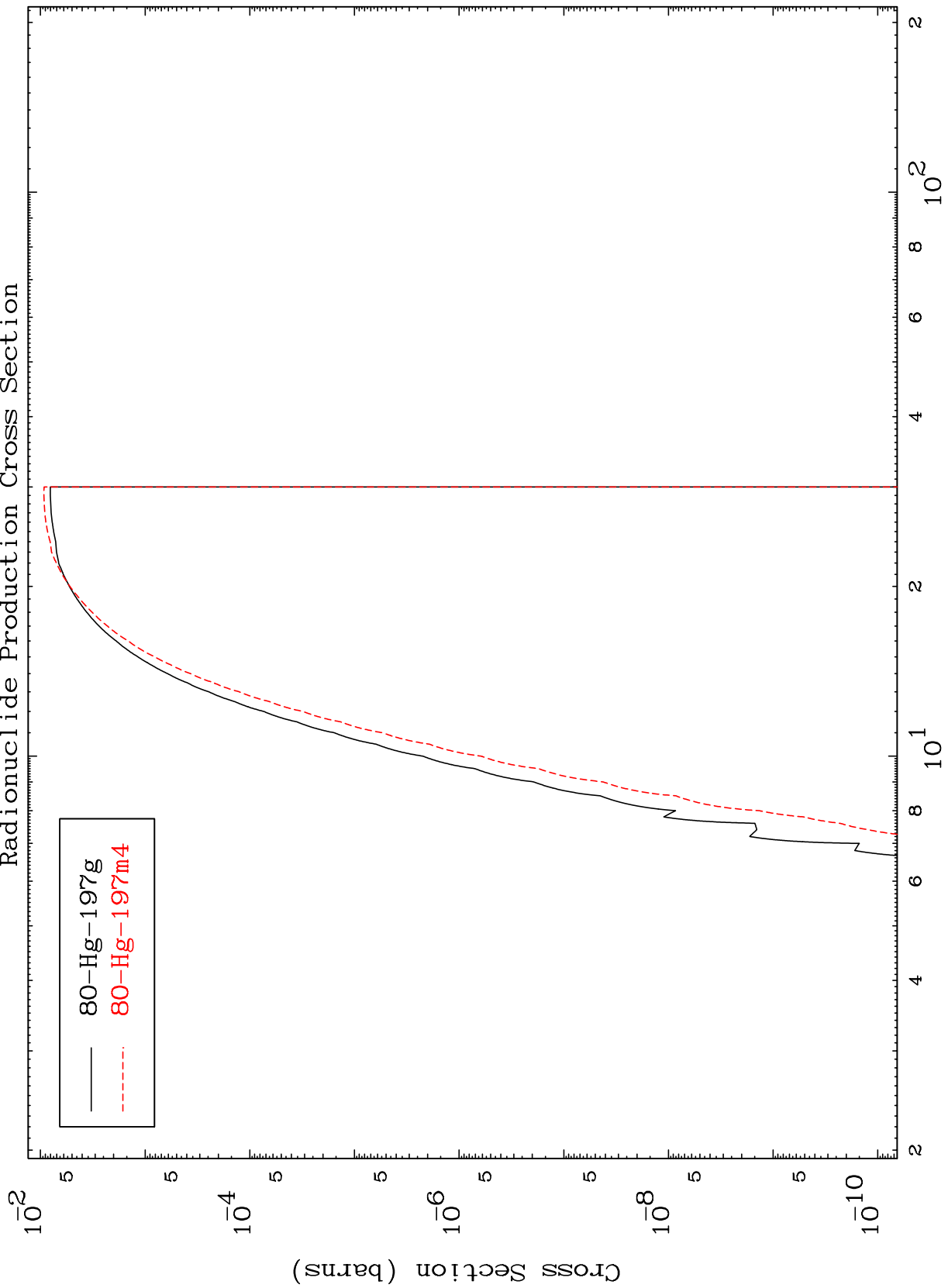
81-Tl-198

MAT 8110

(n,d)

81-Tl-198

Radionuclide Production Cross Section

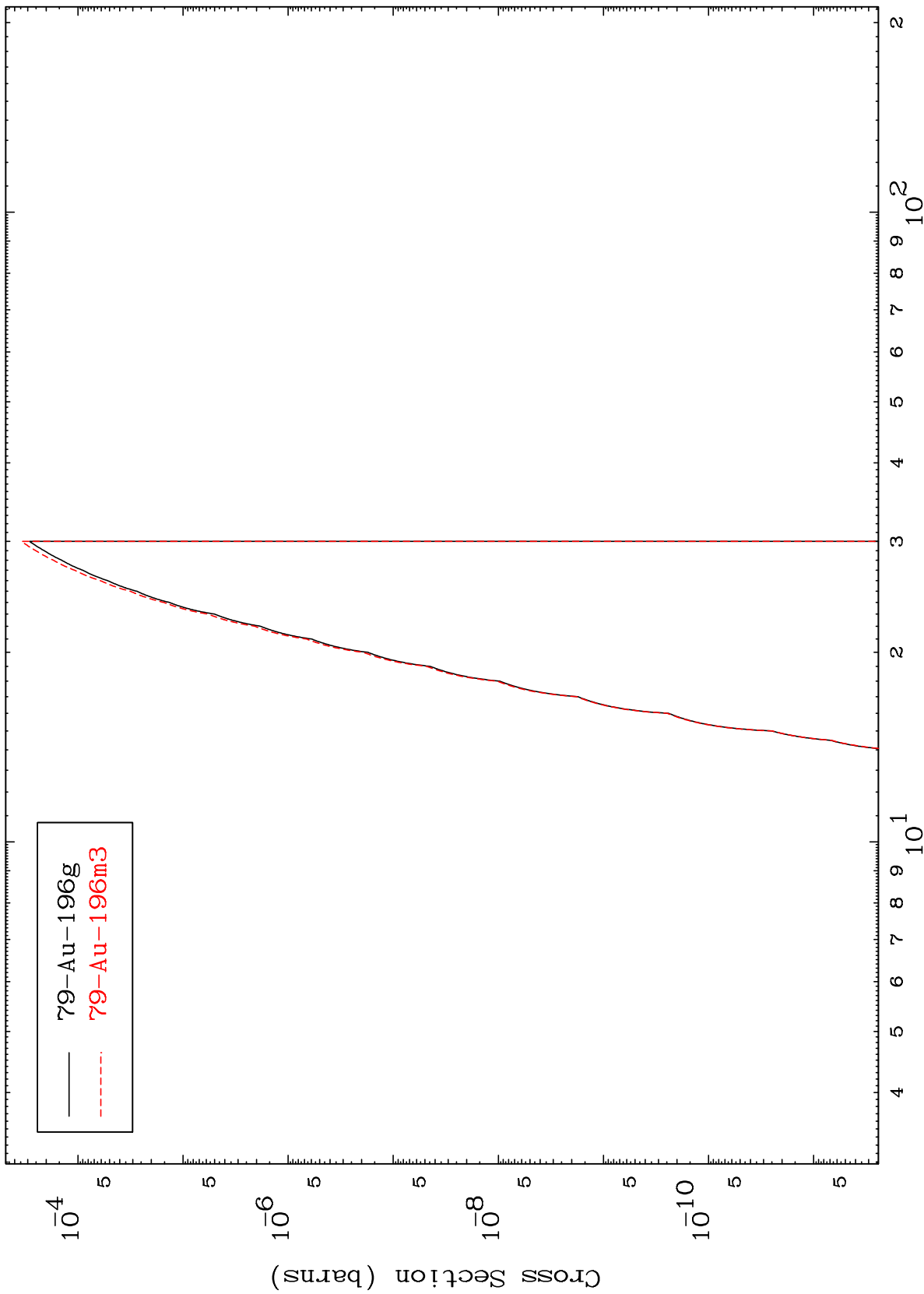


126

Incident Energy (MeV)

81-Tl-198

Radionuclide Production Cross Section  
(n,He-3)



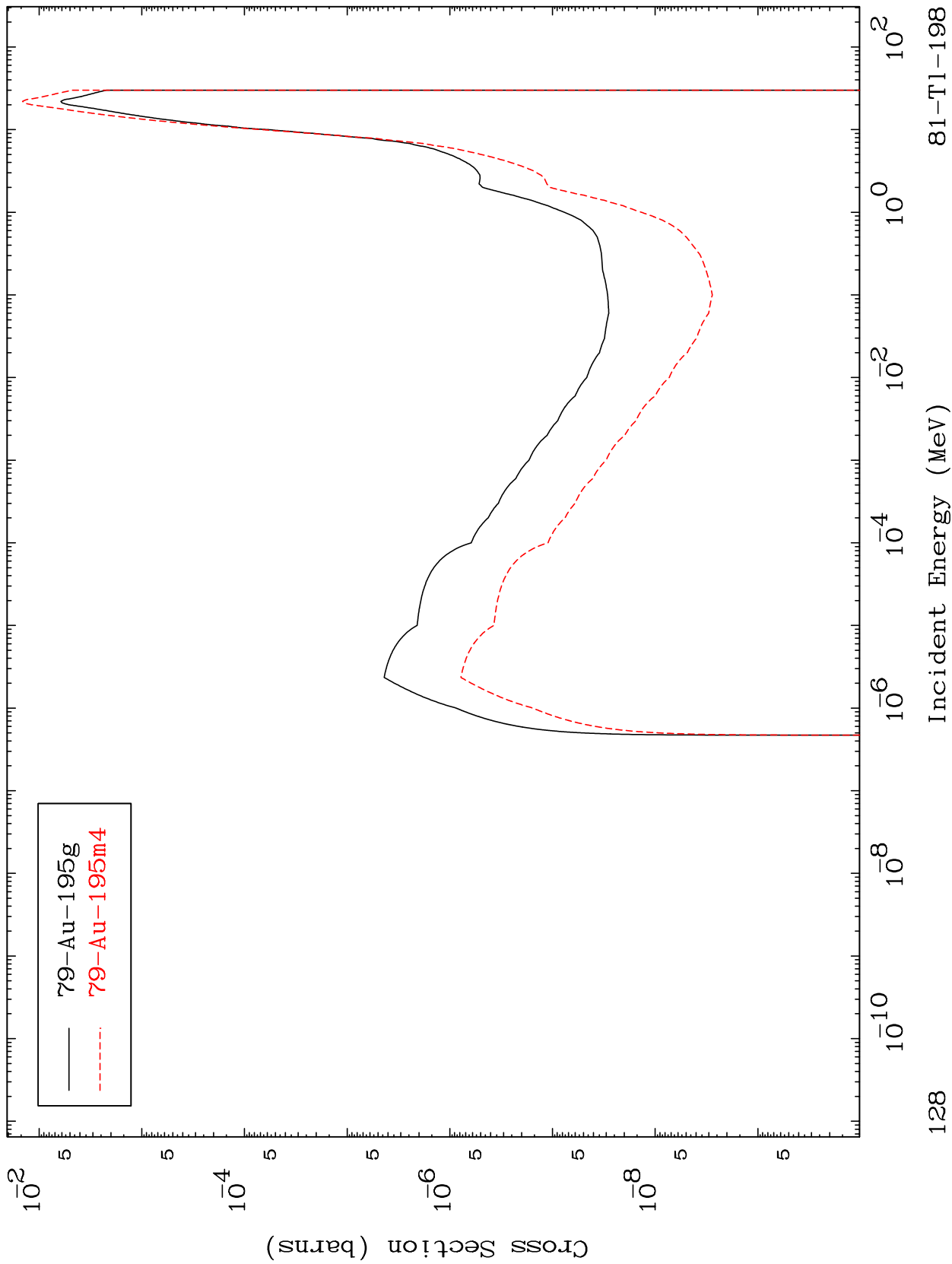


MAT 8110

(n,  $\alpha$ )

81-Tl-198

Radionuclide Production Cross Section

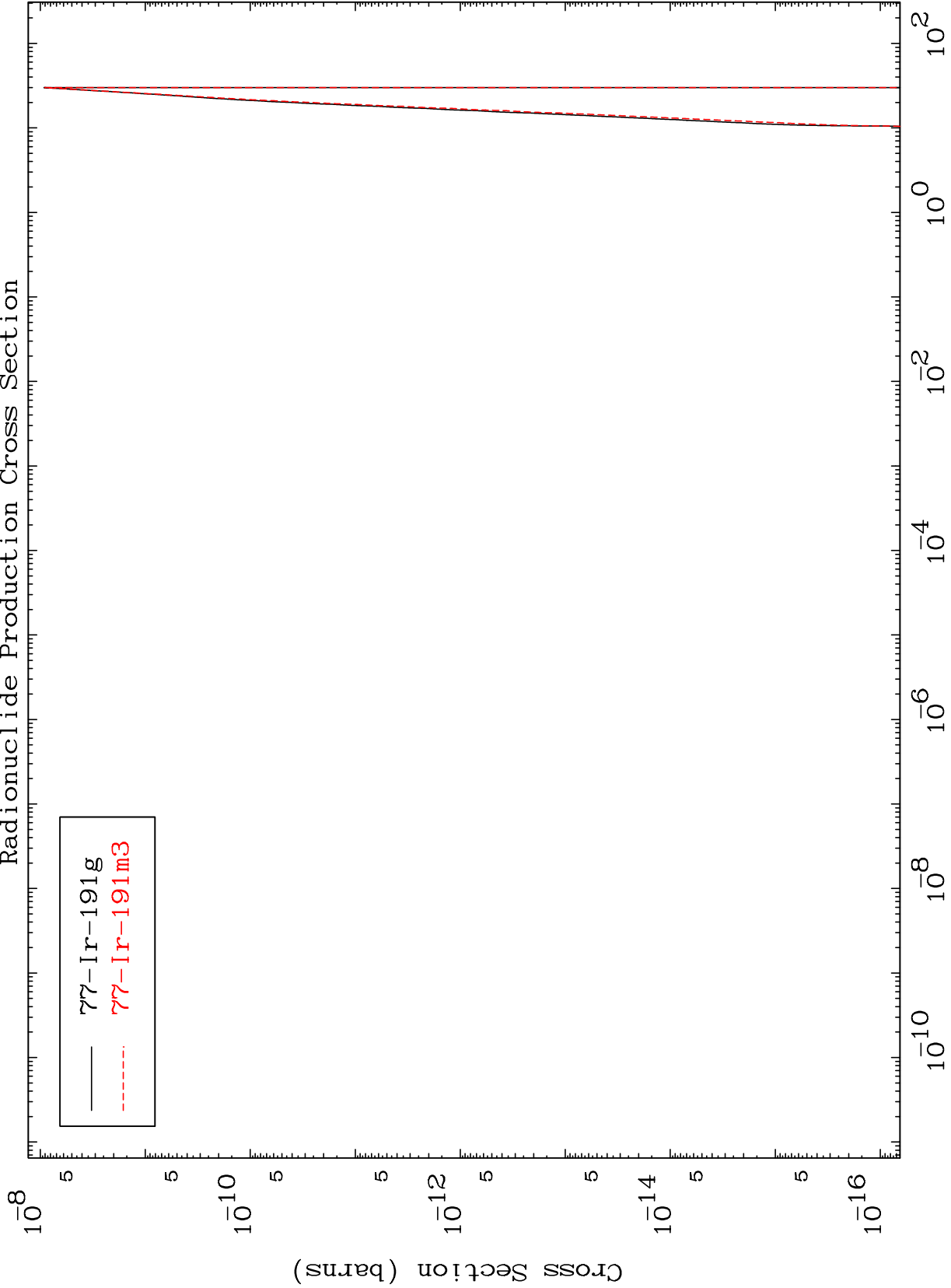


MAT 8110

(n,2α)

81-Tl-198

Radionuclide Production Cross Section



129

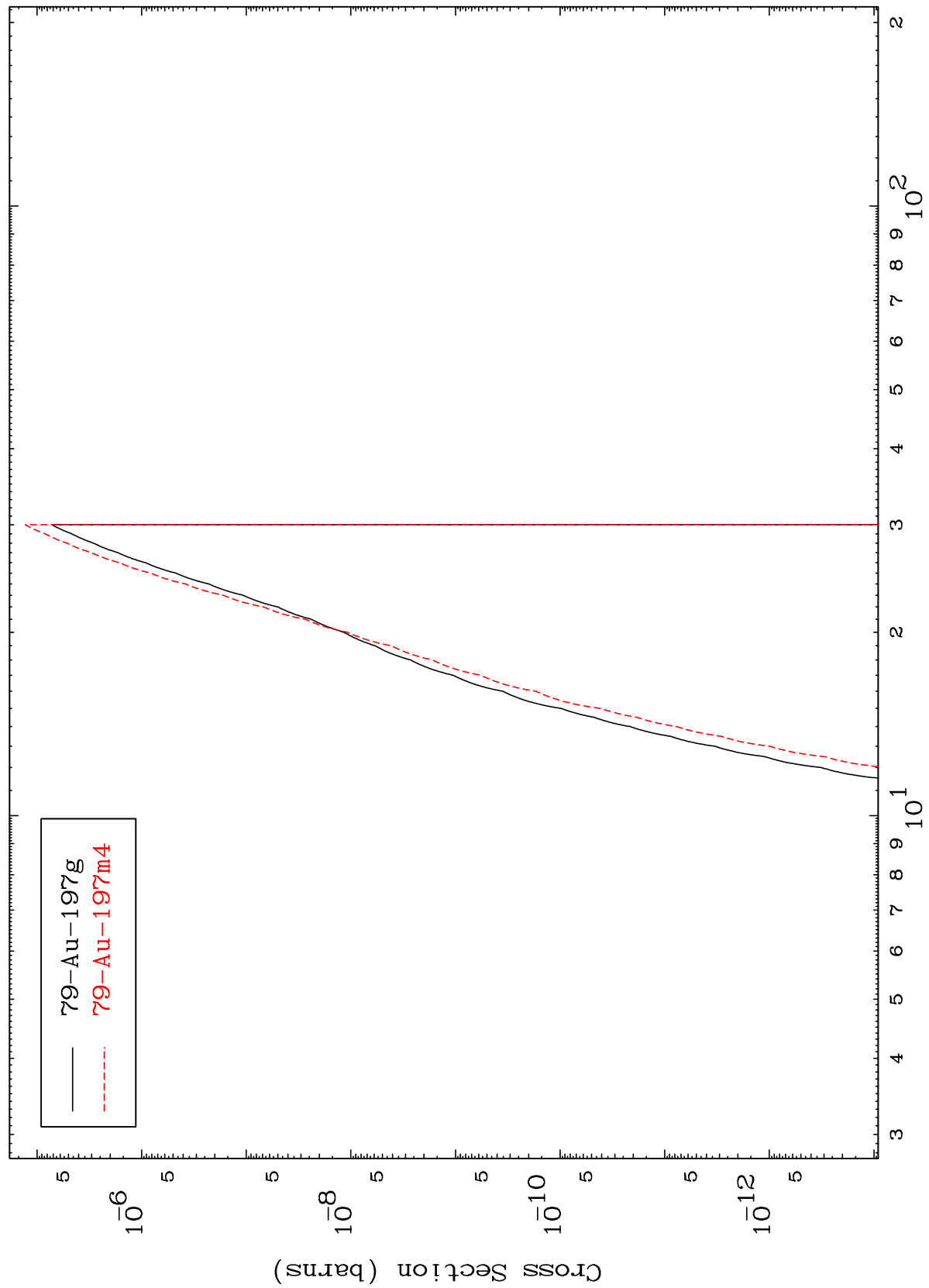
Incident Energy (MeV)

81-Tl-198

MAT 8110

81-T1-198

Radionuclide Production Cross Section  
(n,2p)



—  $^{79}\text{Au-197g}$   
- - -  $^{79}\text{Au-197m4}$

130

Incident Energy (MeV)

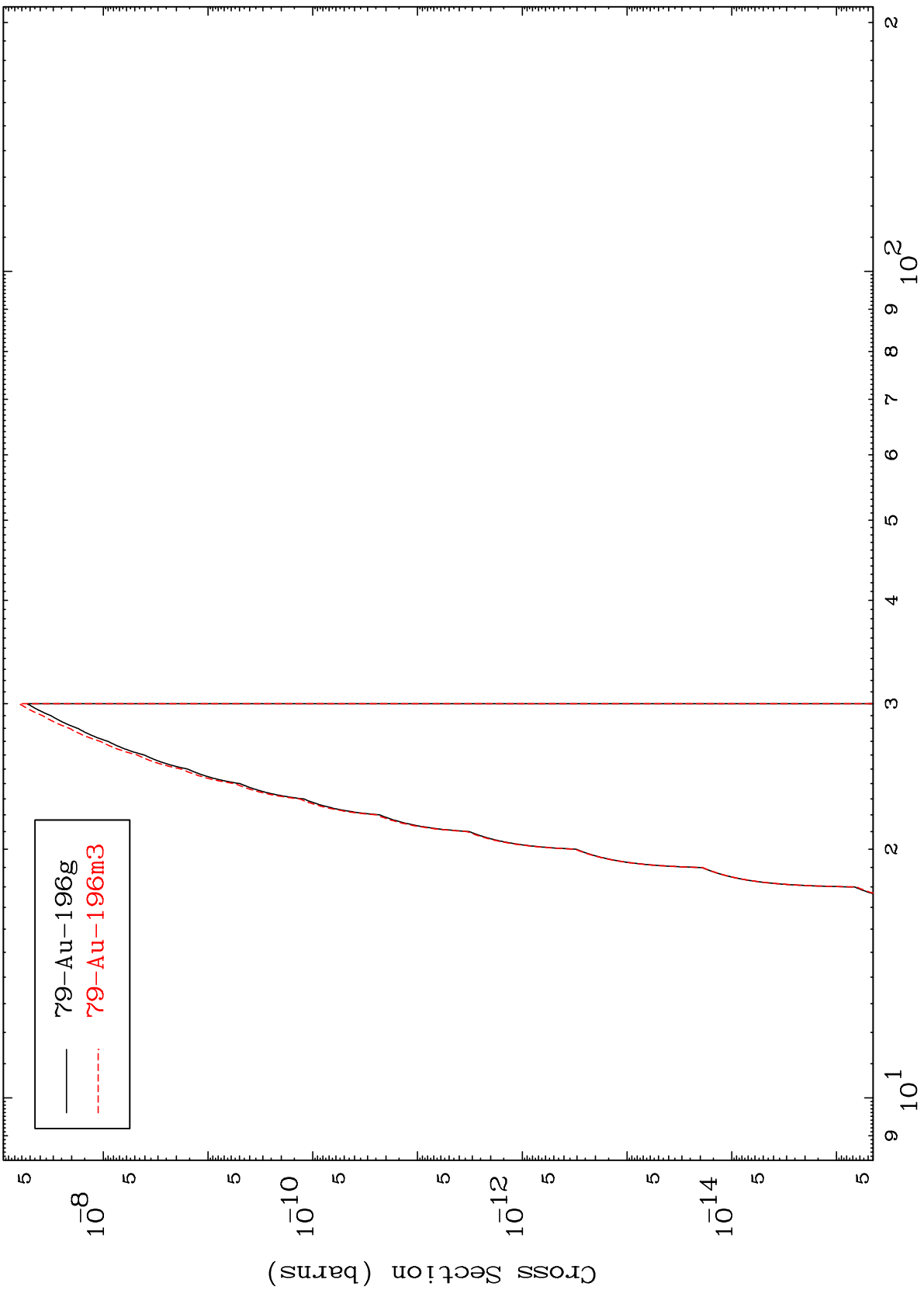
81-T1-198

MAT 8110

(n,p) d

81-Tl-198

Radionuclide Production Cross Section



—  $^{79}\text{Au-196g}$   
- - -  $^{79}\text{Au-196m3}$

131

Incident Energy (MeV)

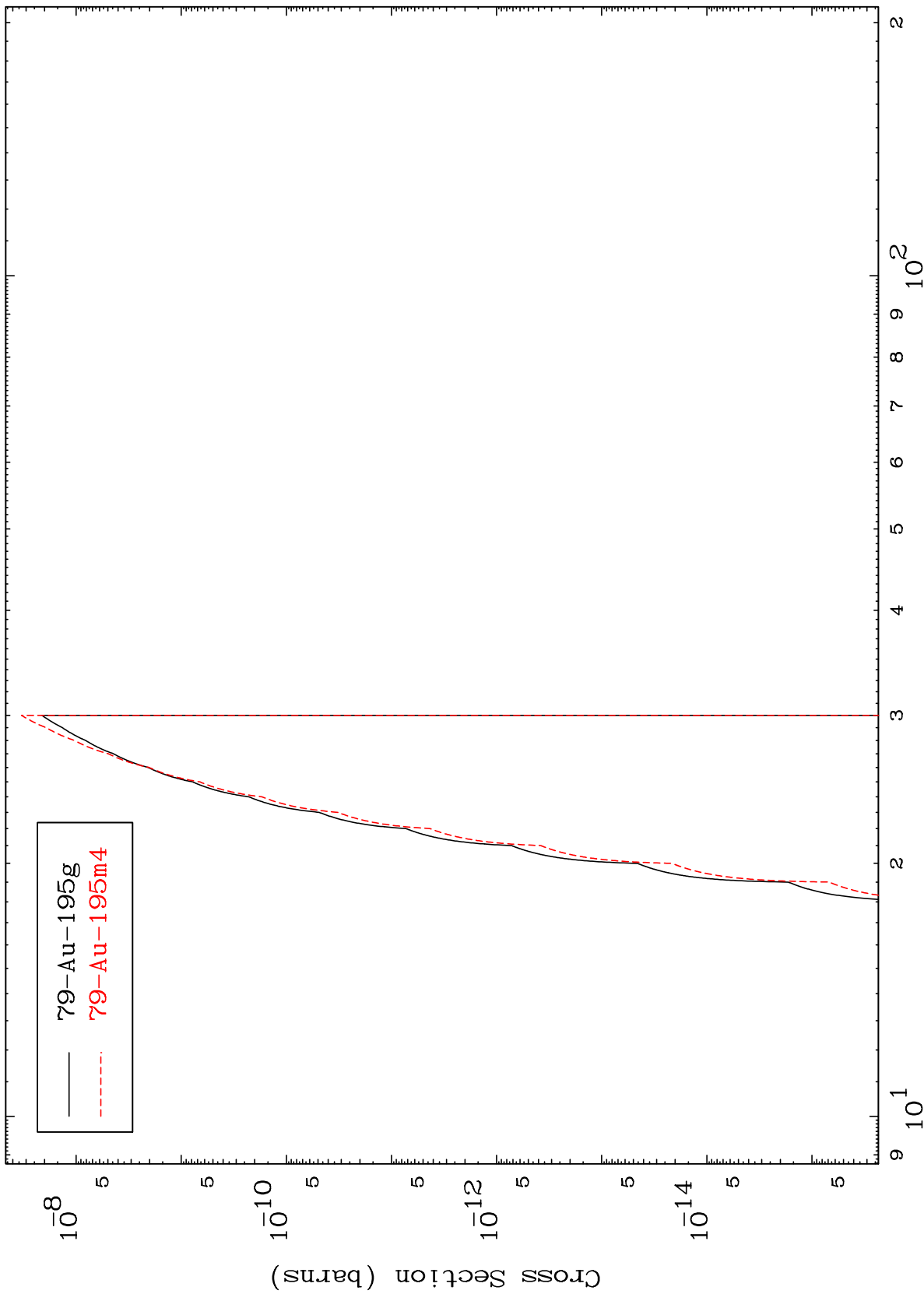
81-Tl-198

MAT 8110

(n,p) t

81-Tl-198

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-198

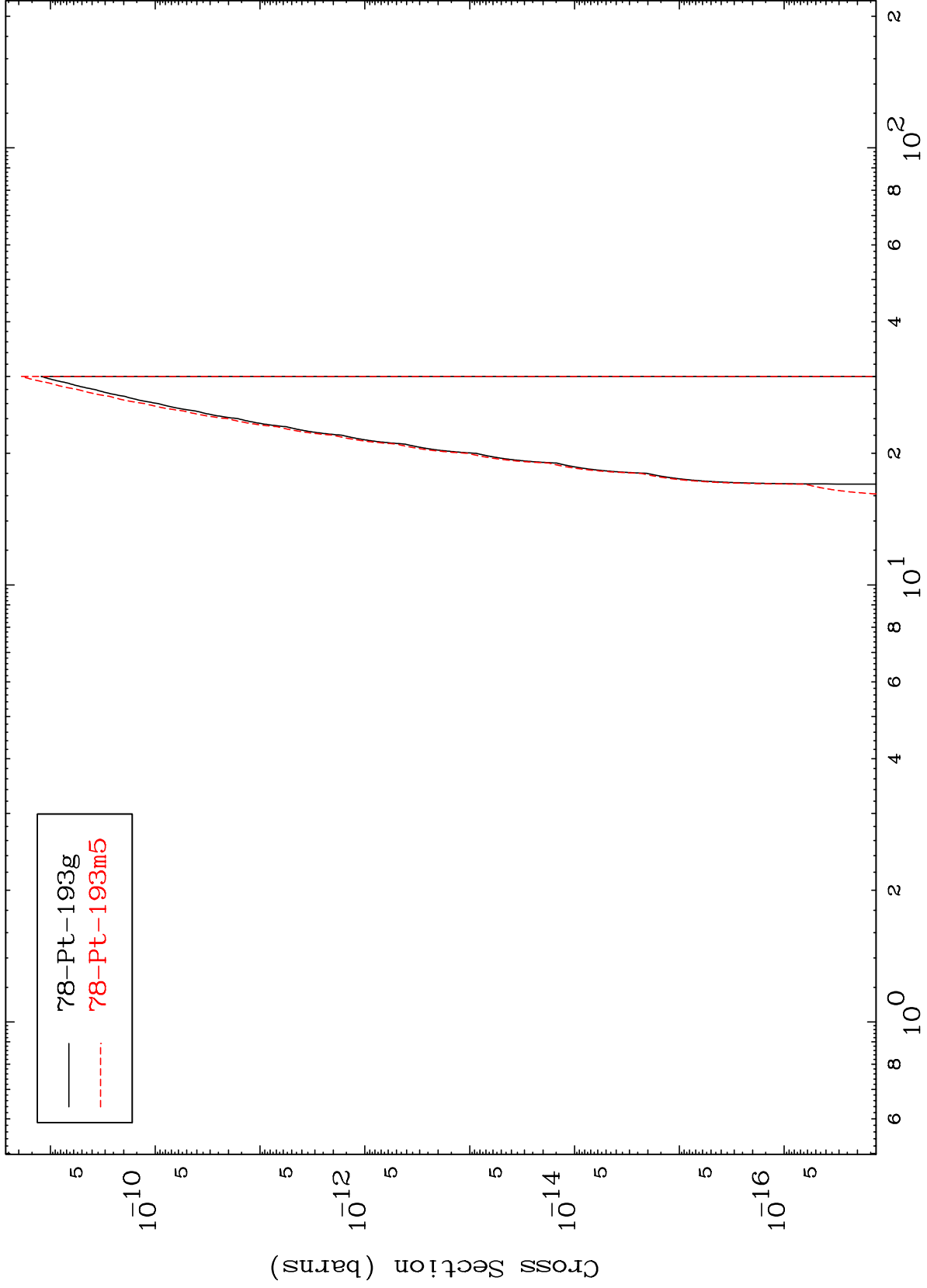
132

MAT 8110

(n,d)  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



133

Incident Energy (MeV)

81-Tl-198