

Program EVALPLOT  
(Version 2021-1)

by

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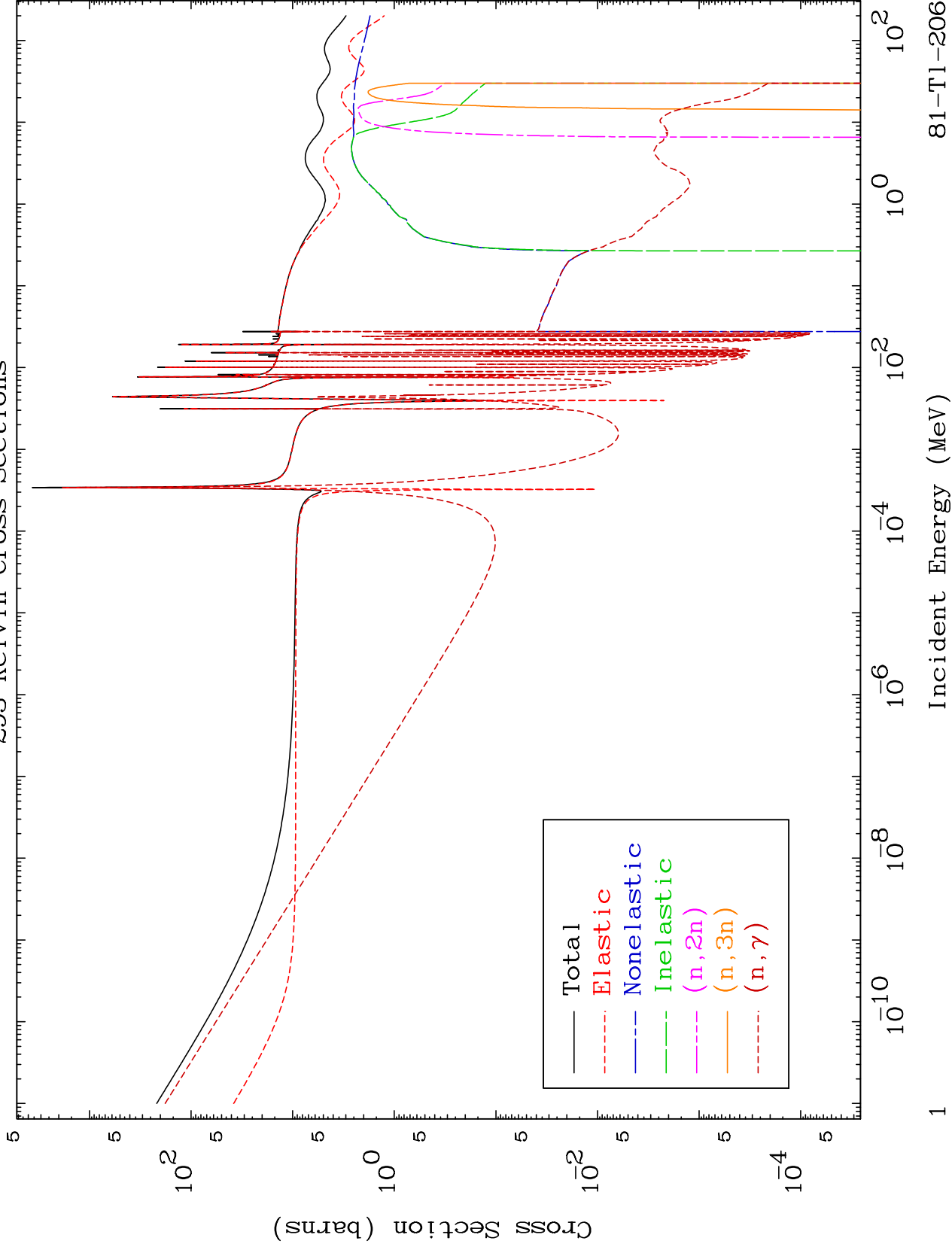
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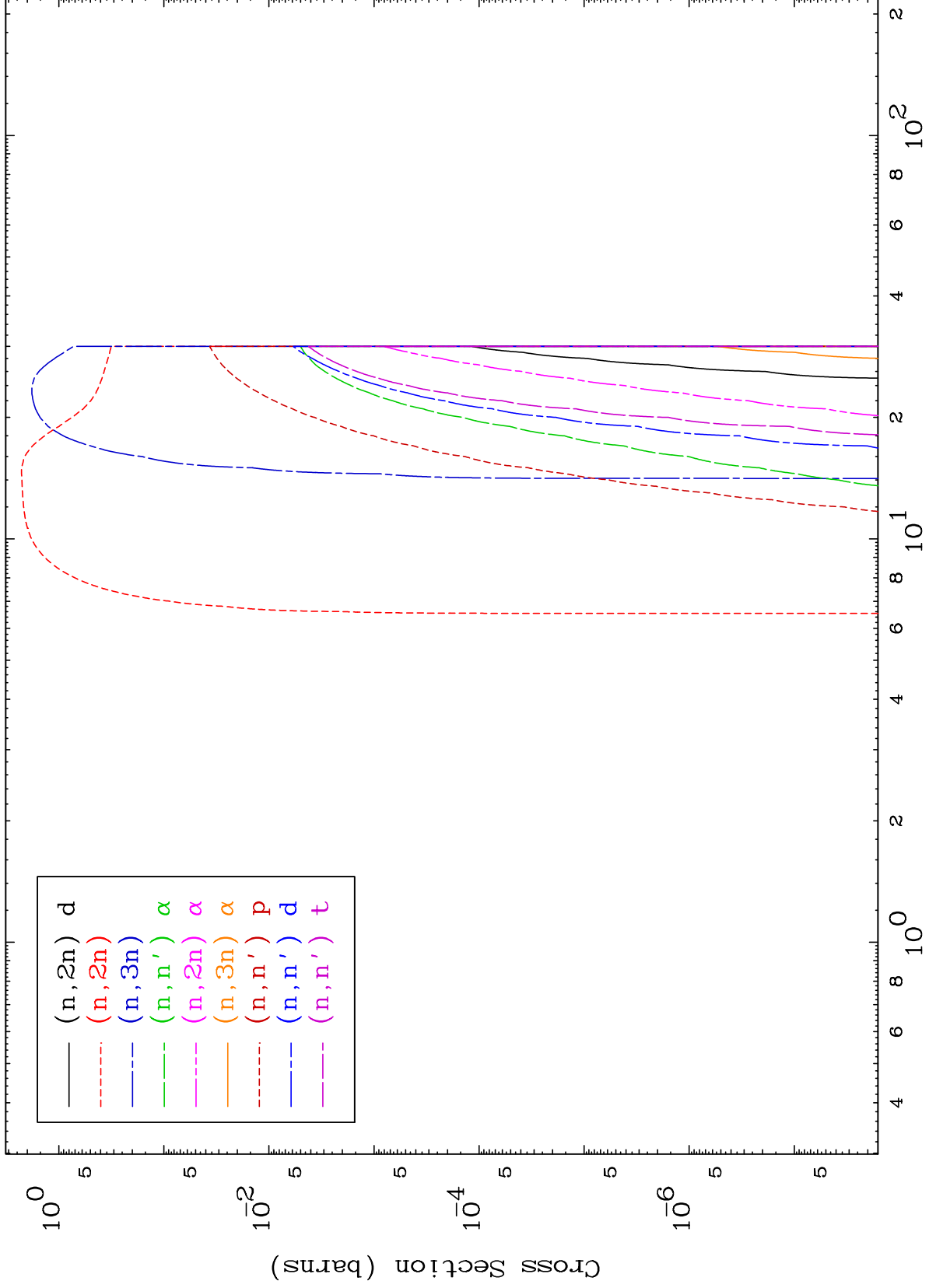
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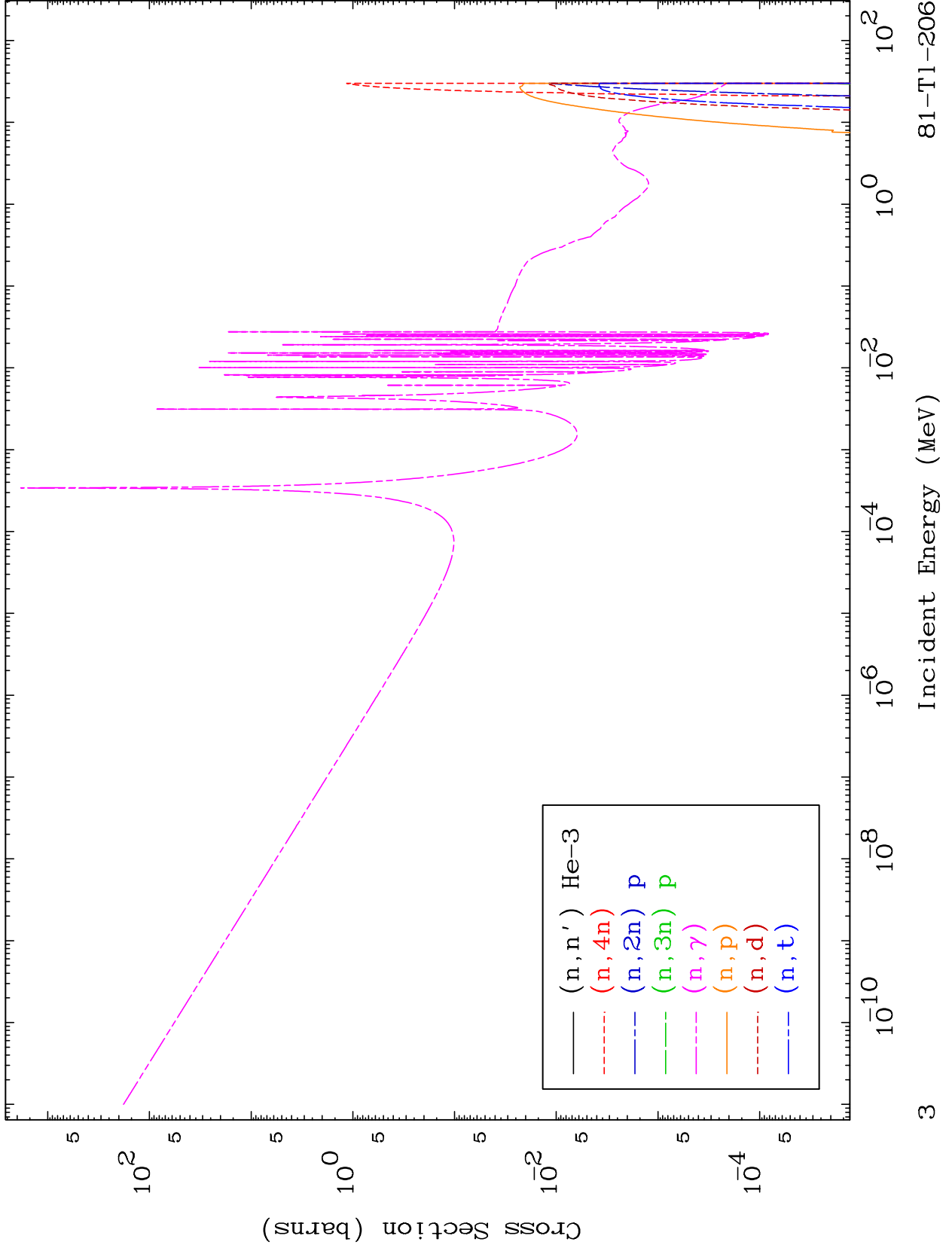
MAT 8134

Neutron Major  
293 Kelvin Cross Sections

81-Tl-206



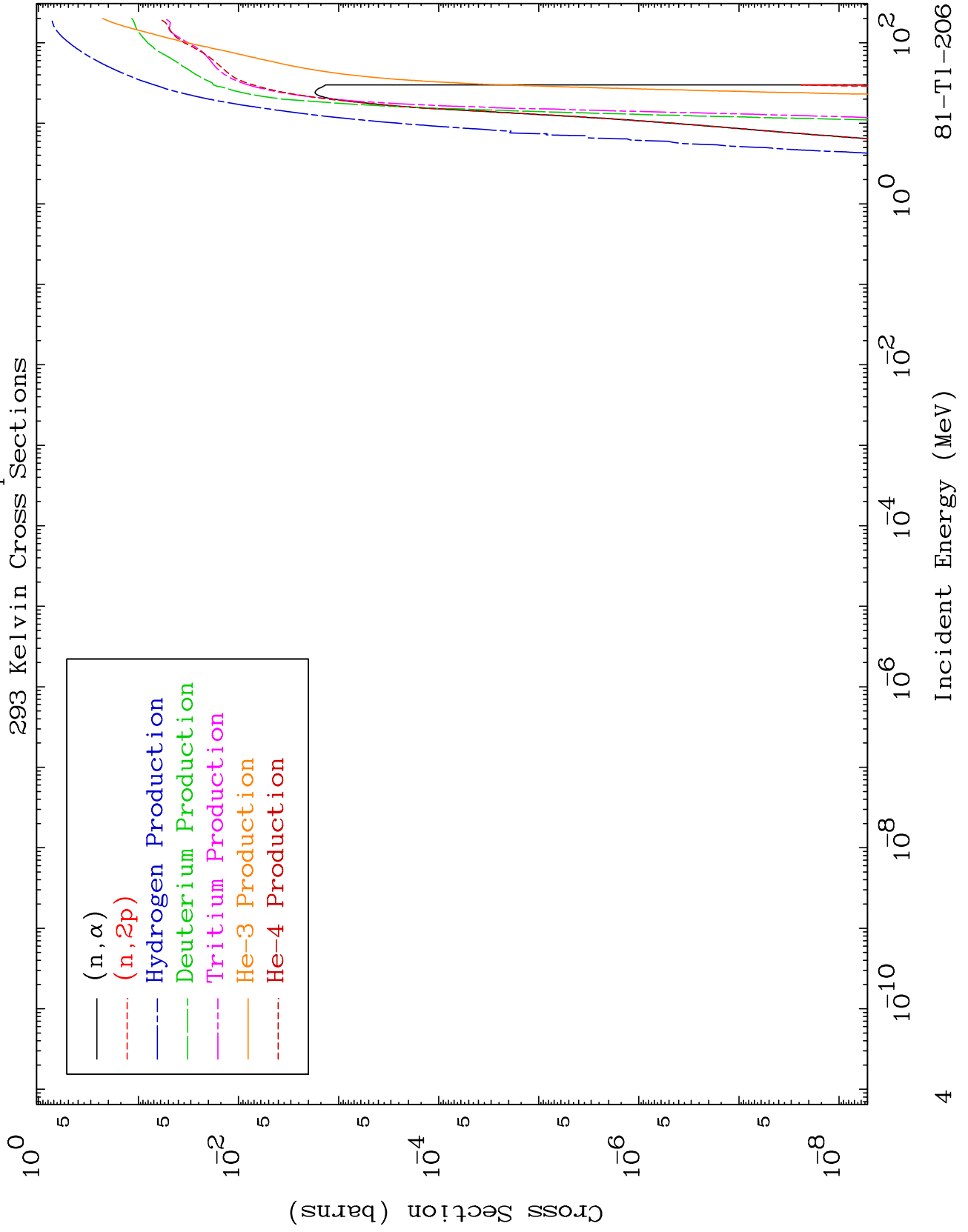


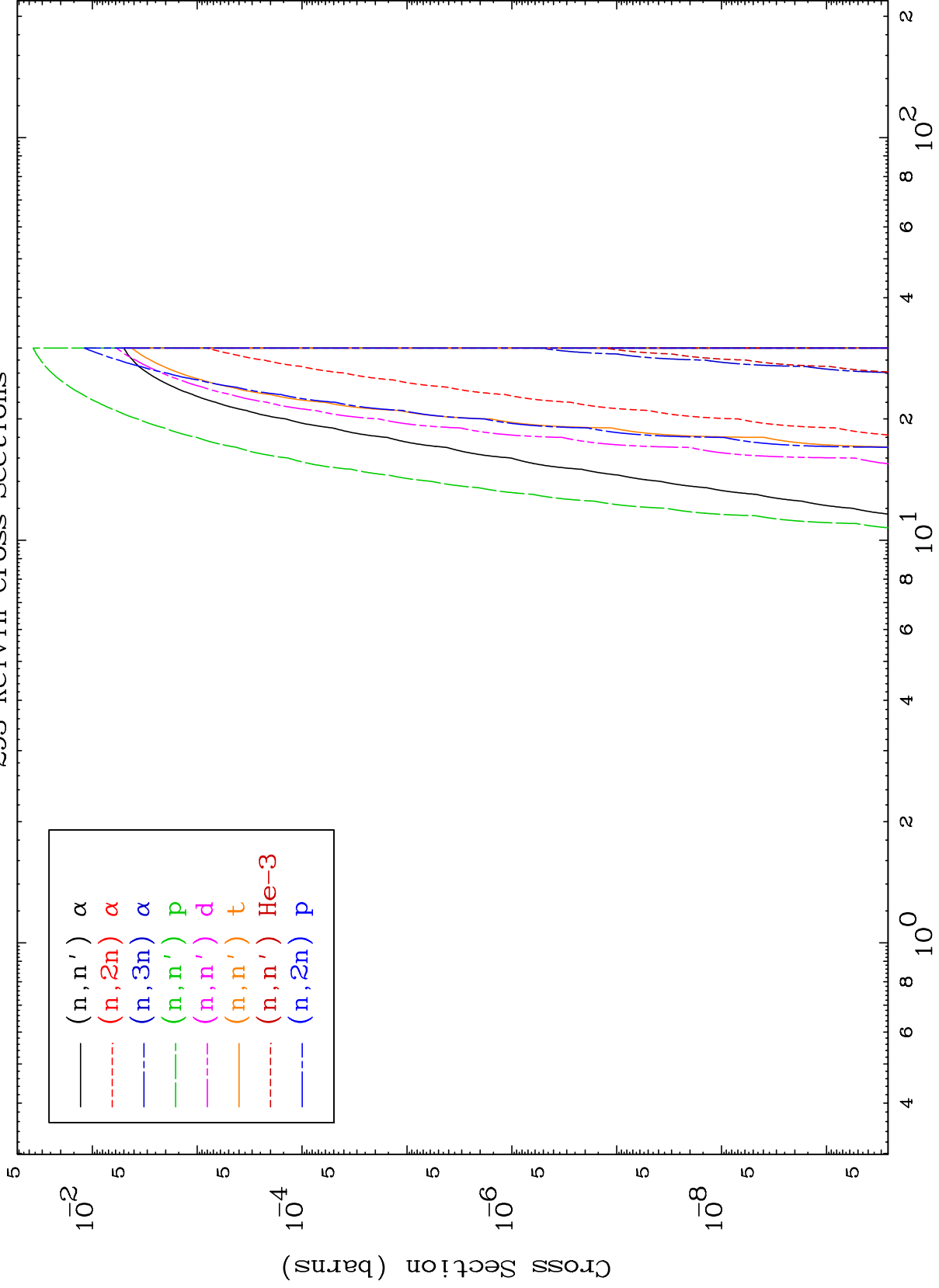


MAT 8134

Neutron Absorption  
293 Kelvin Cross Sections

81-Tl-206

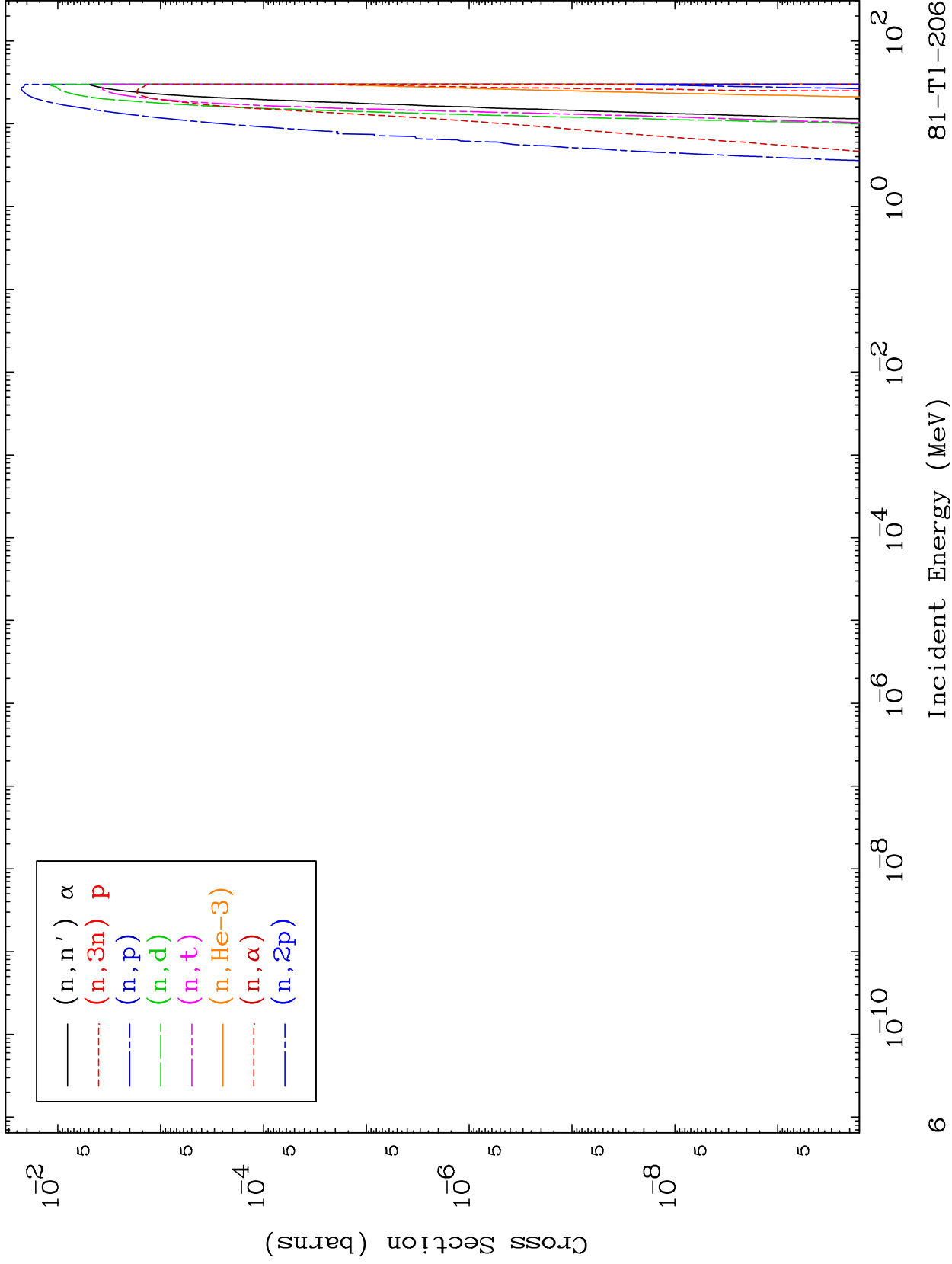




MAT 8134

Charged Particle  
293 Kelvin Cross Sections

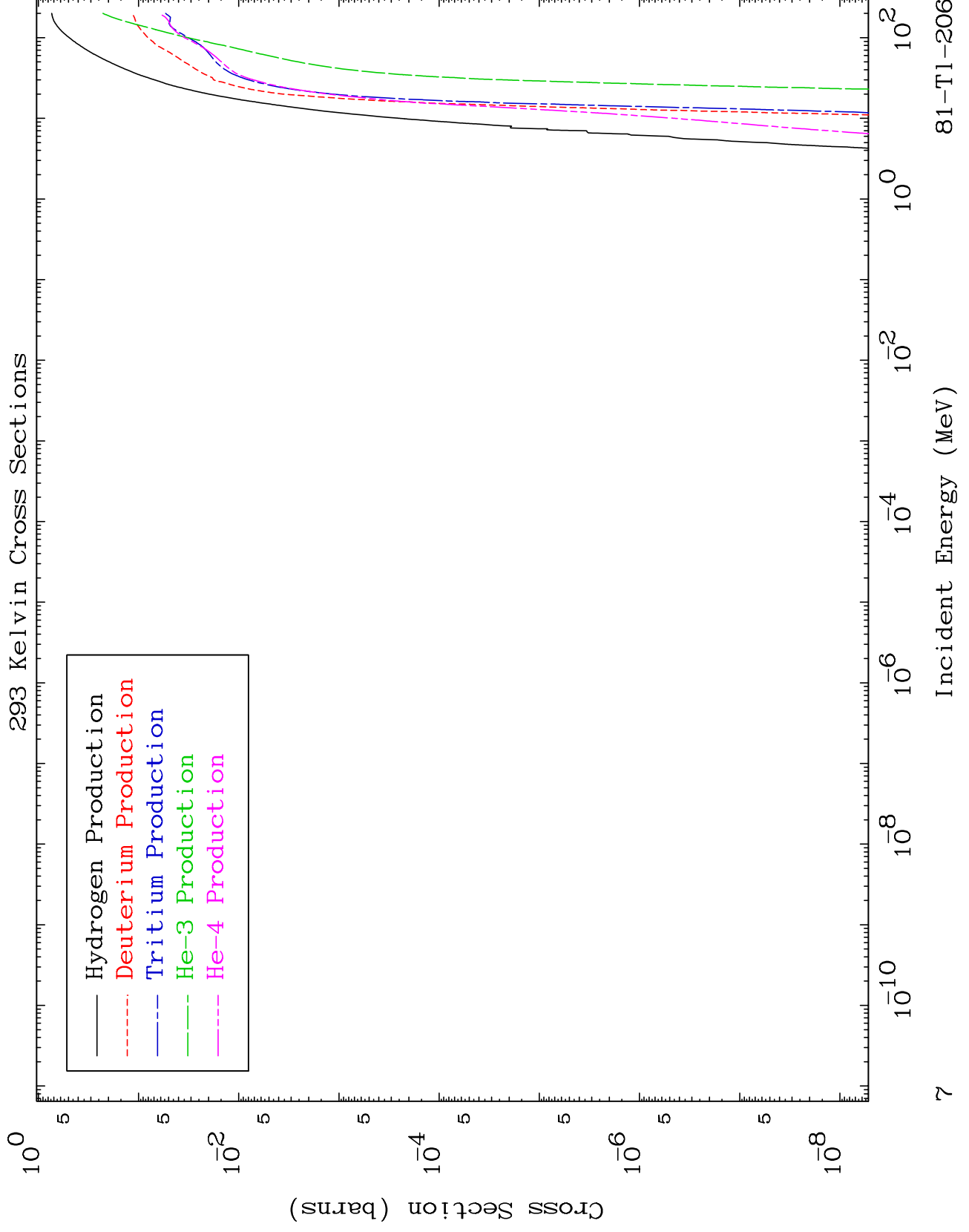
81-Tl-206



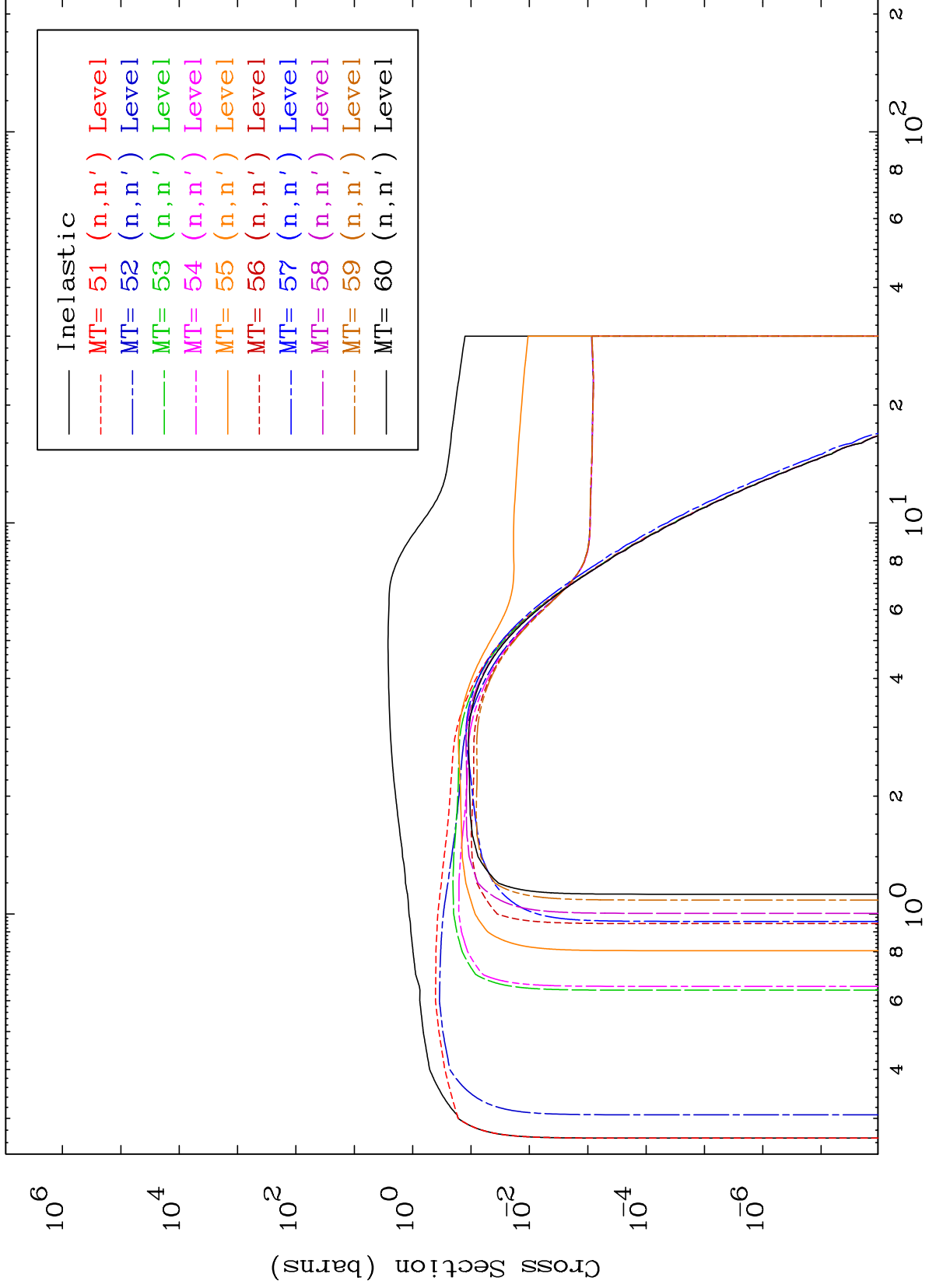
MAT 8134

Particle Production  
293 Kelvin Cross Sections

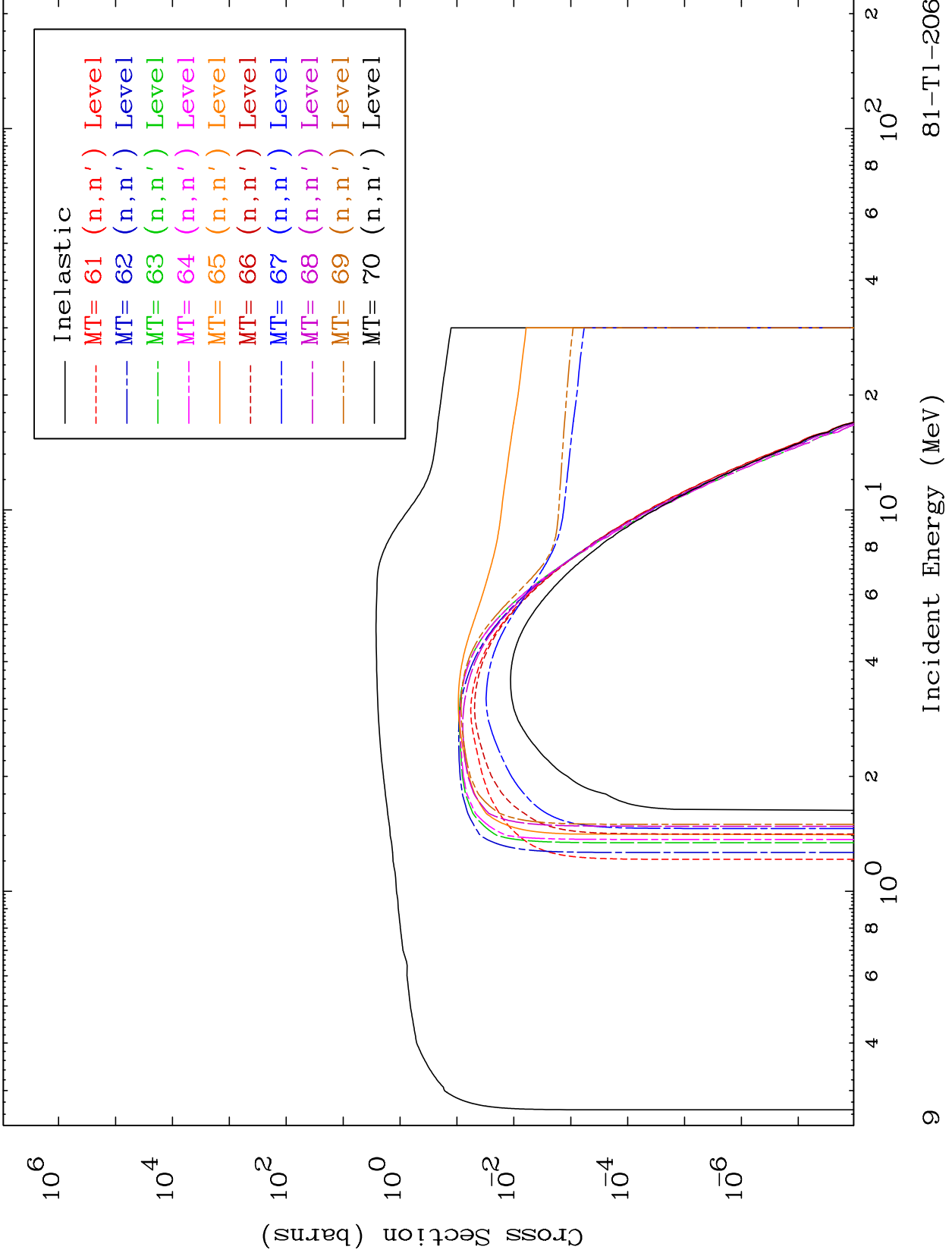
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293 Kelvin Cross Sections



293 Kelvin Cross Sections

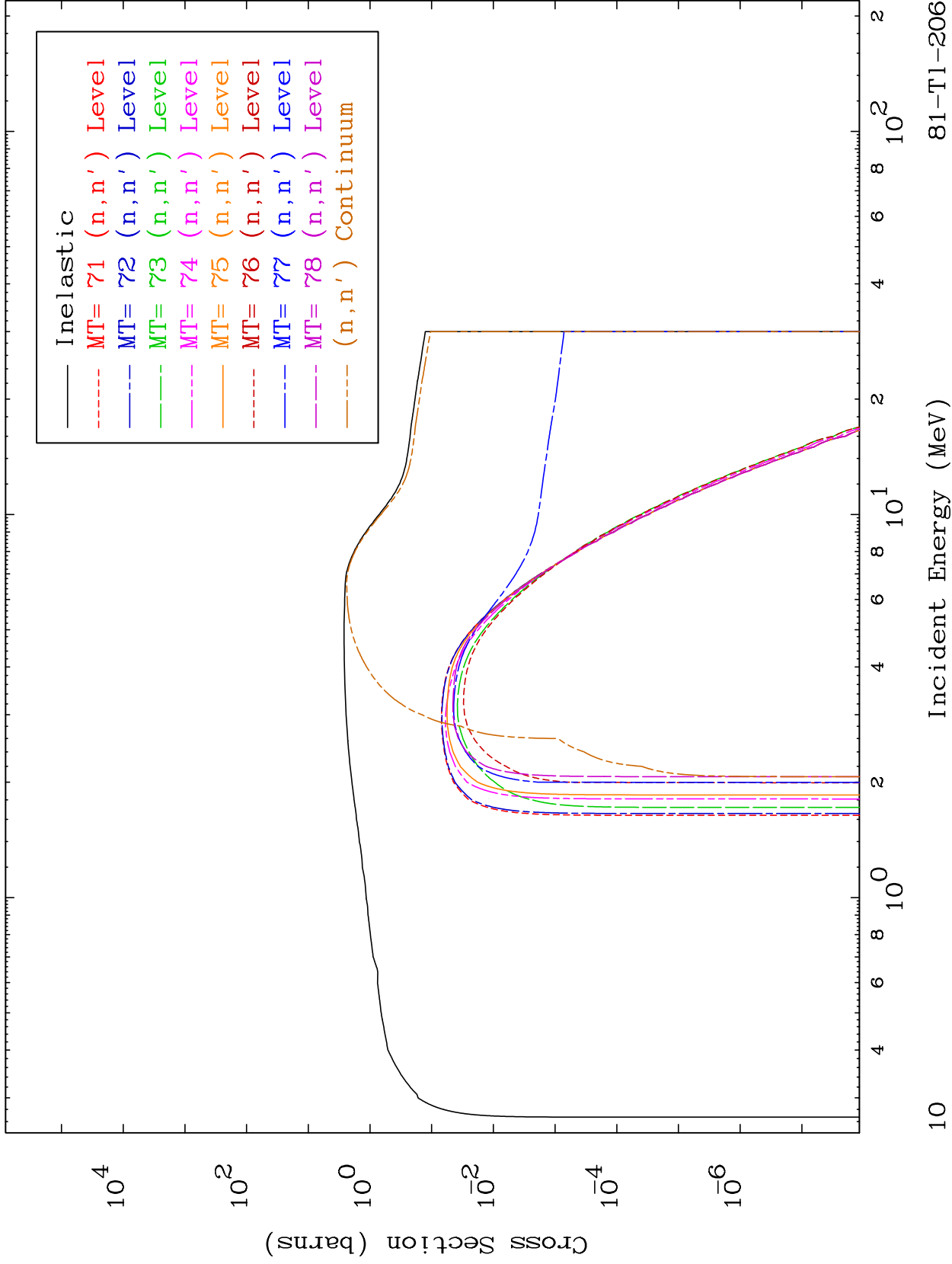


MAT 8134

(n,n') Levels

293 Kelvin Cross Sections

81-Tl-206



10

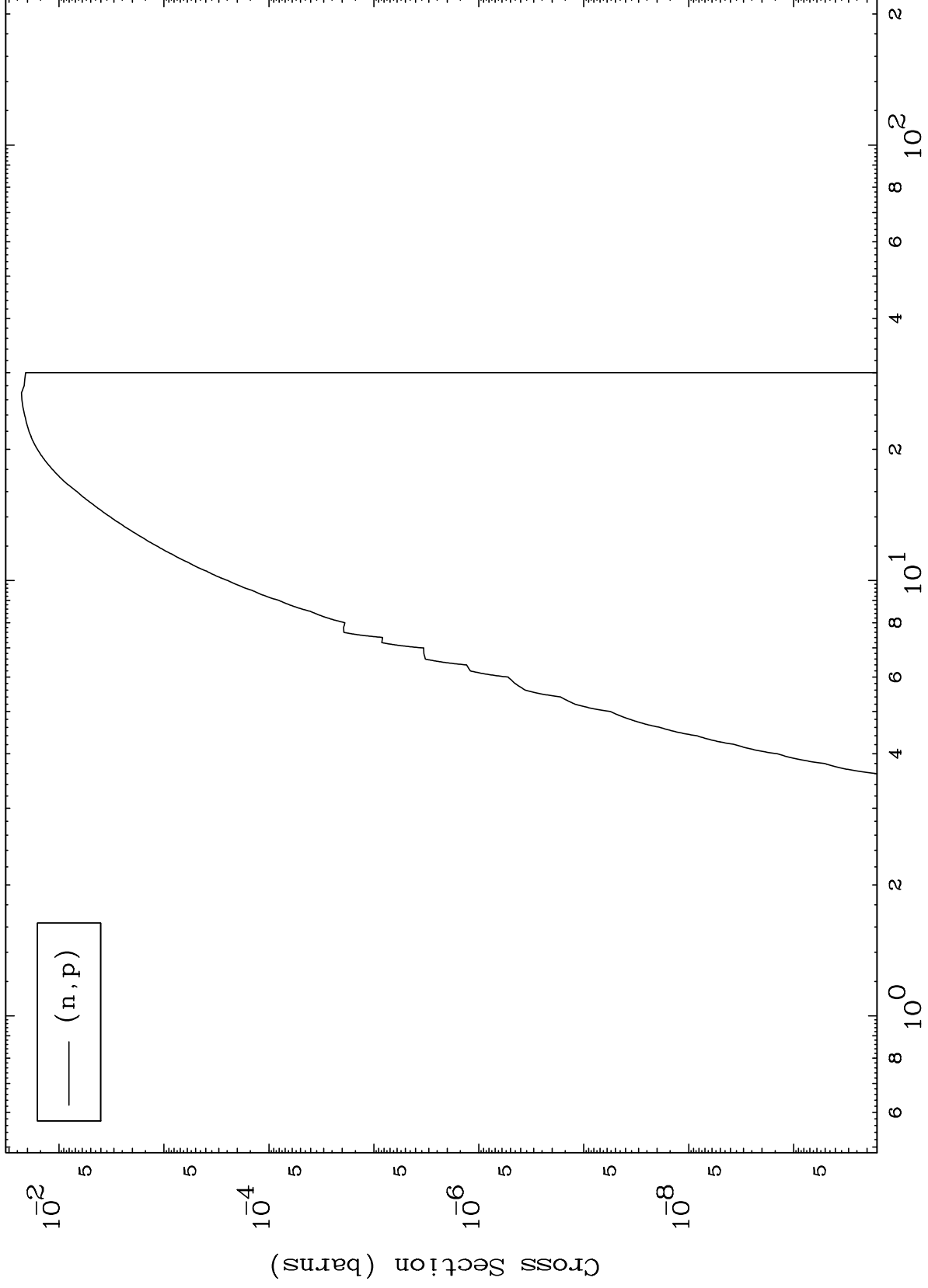
Incident Energy (MeV)

81-Tl-206

MAT 8134

(n,p) Levels  
293 Kelvin Cross Sections

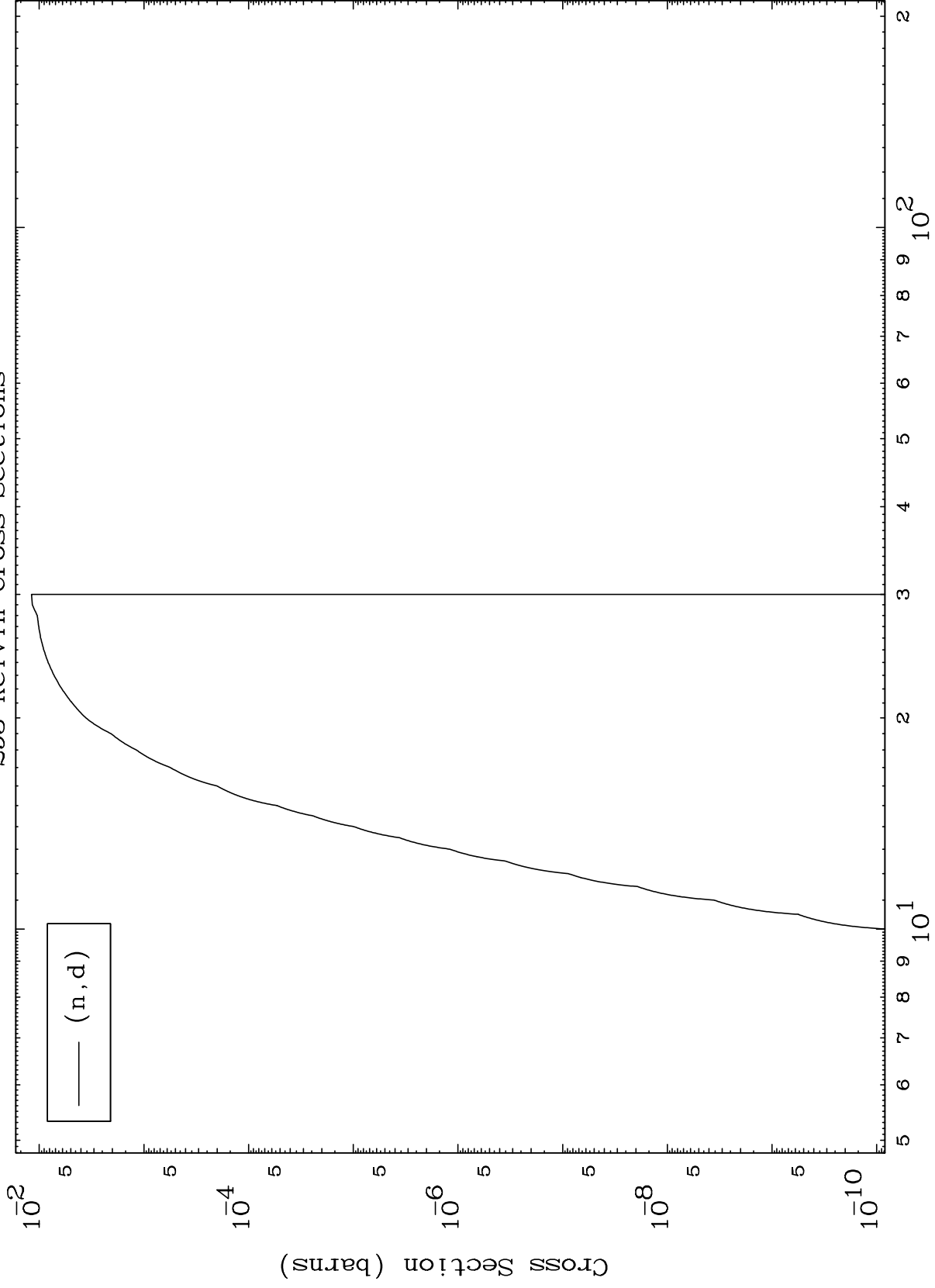
81-Tl-206



MAT 8134

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-206



12

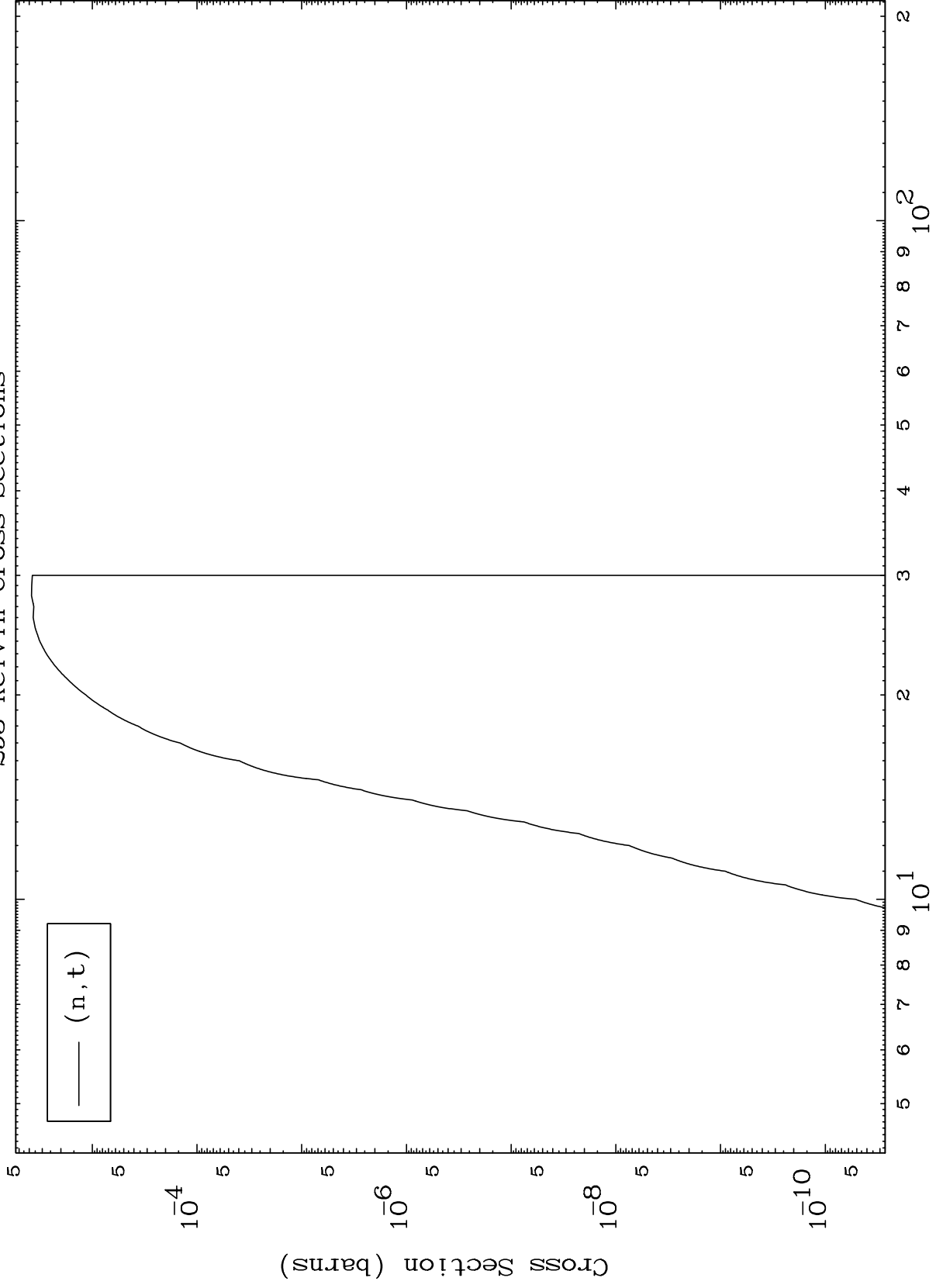
Incident Energy (MeV)

81-Tl-206

MAT 8134

(n,t) Levels  
293 Kelvin Cross Sections

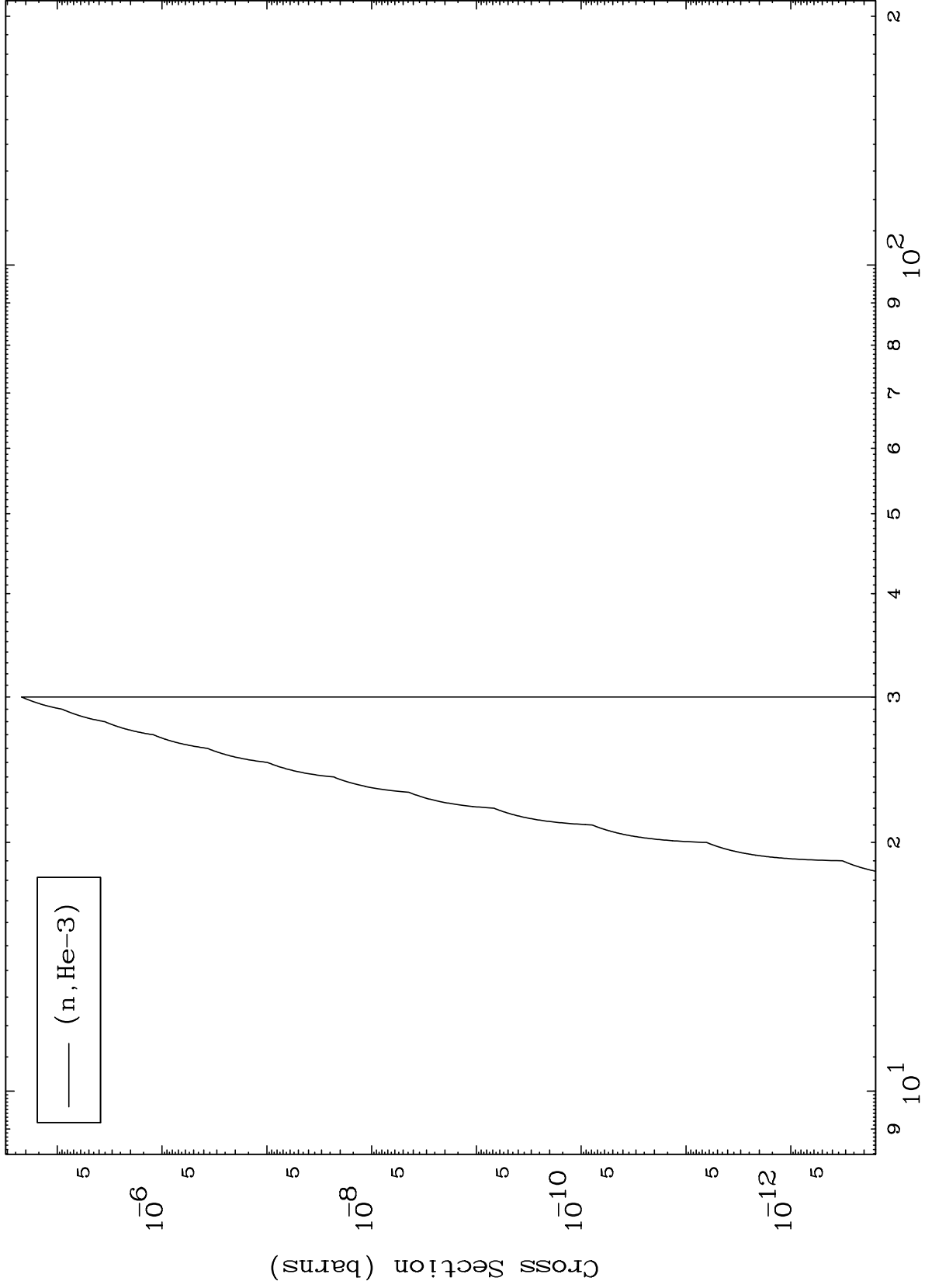
81-Tl-206



13

Incident Energy (MeV)

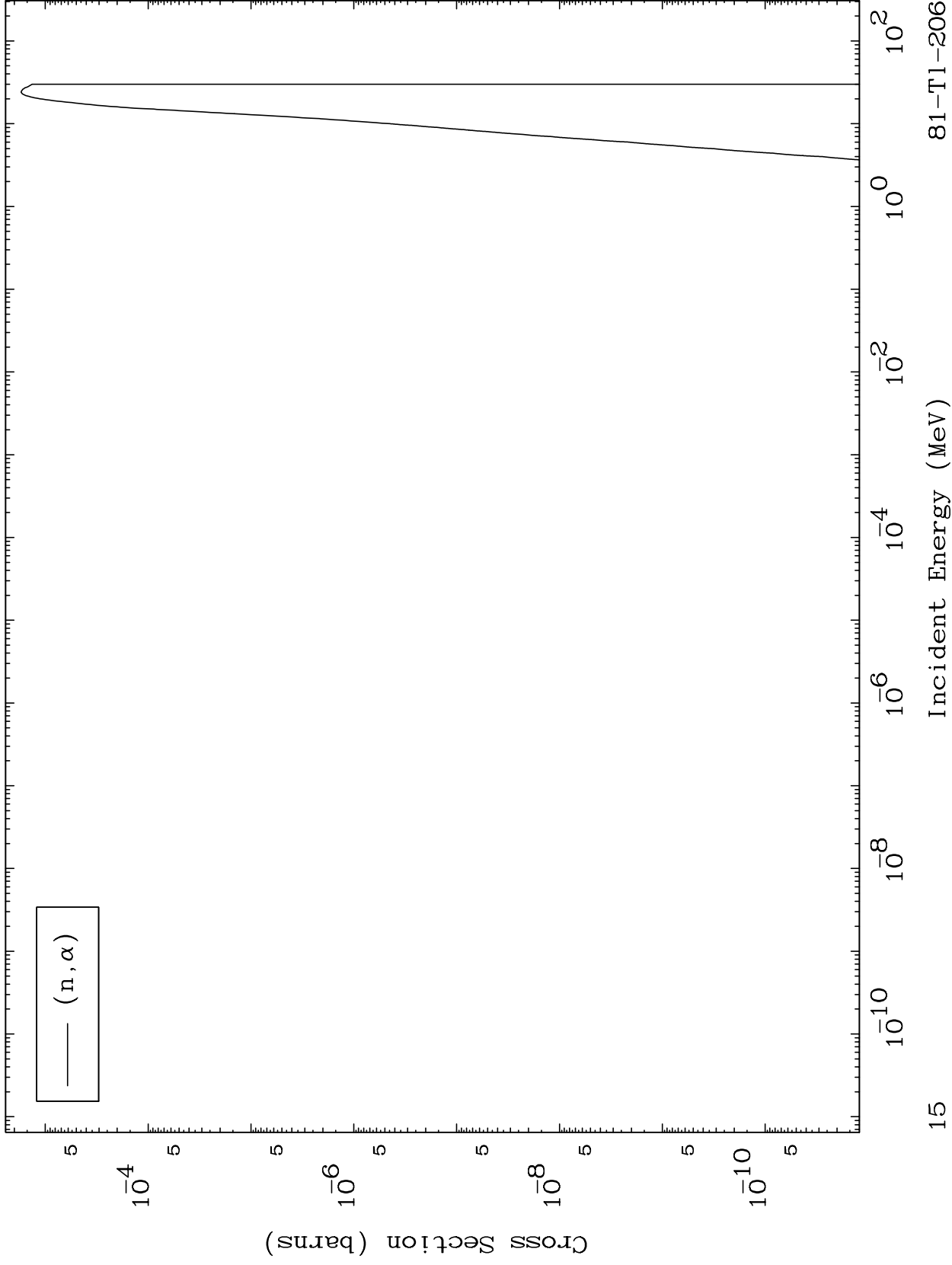
81-Tl-206



MAT 8134

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

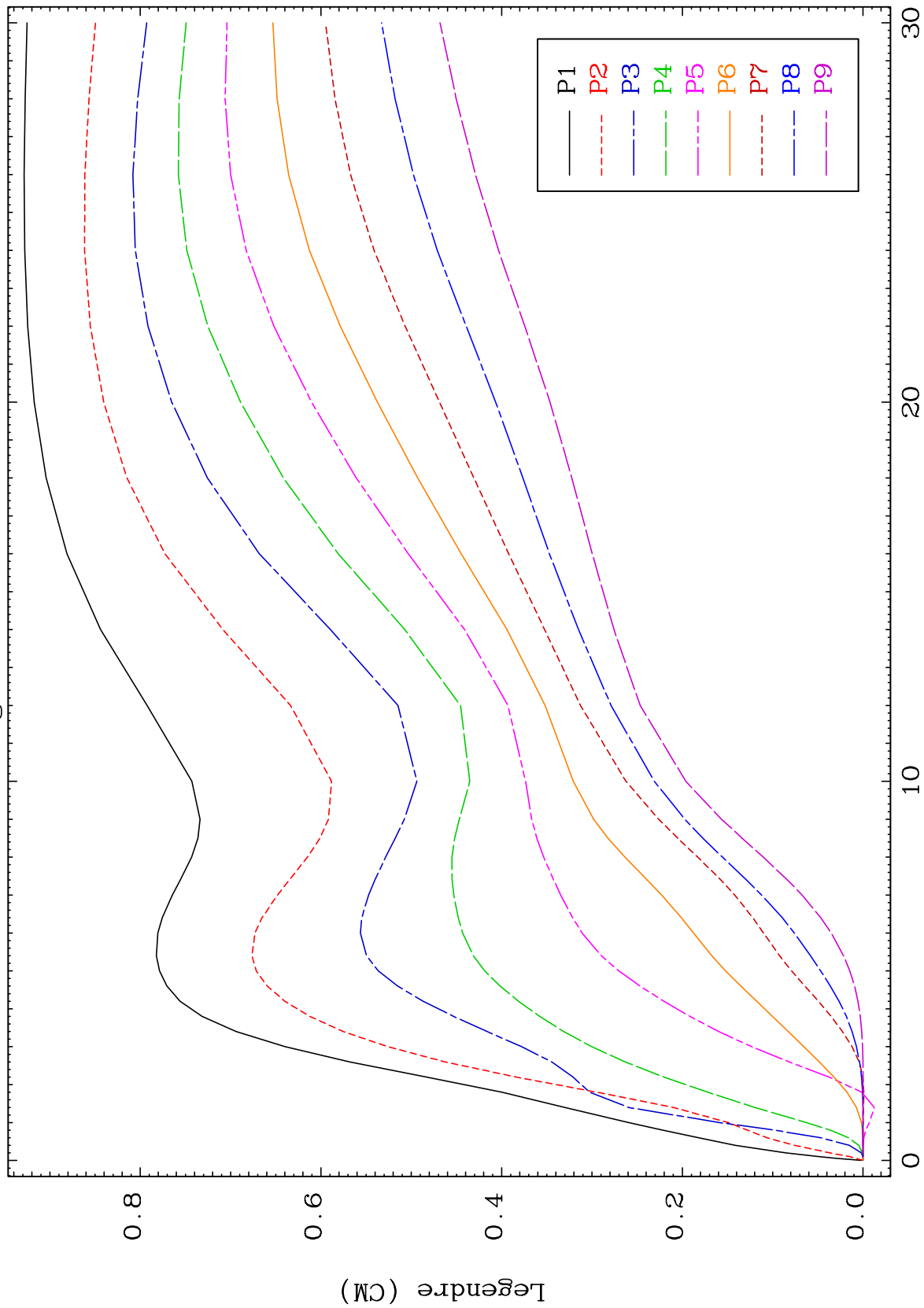
81-Tl-206



MAT 8134

Elastic Legendre Coefficients

81-T1-206



16

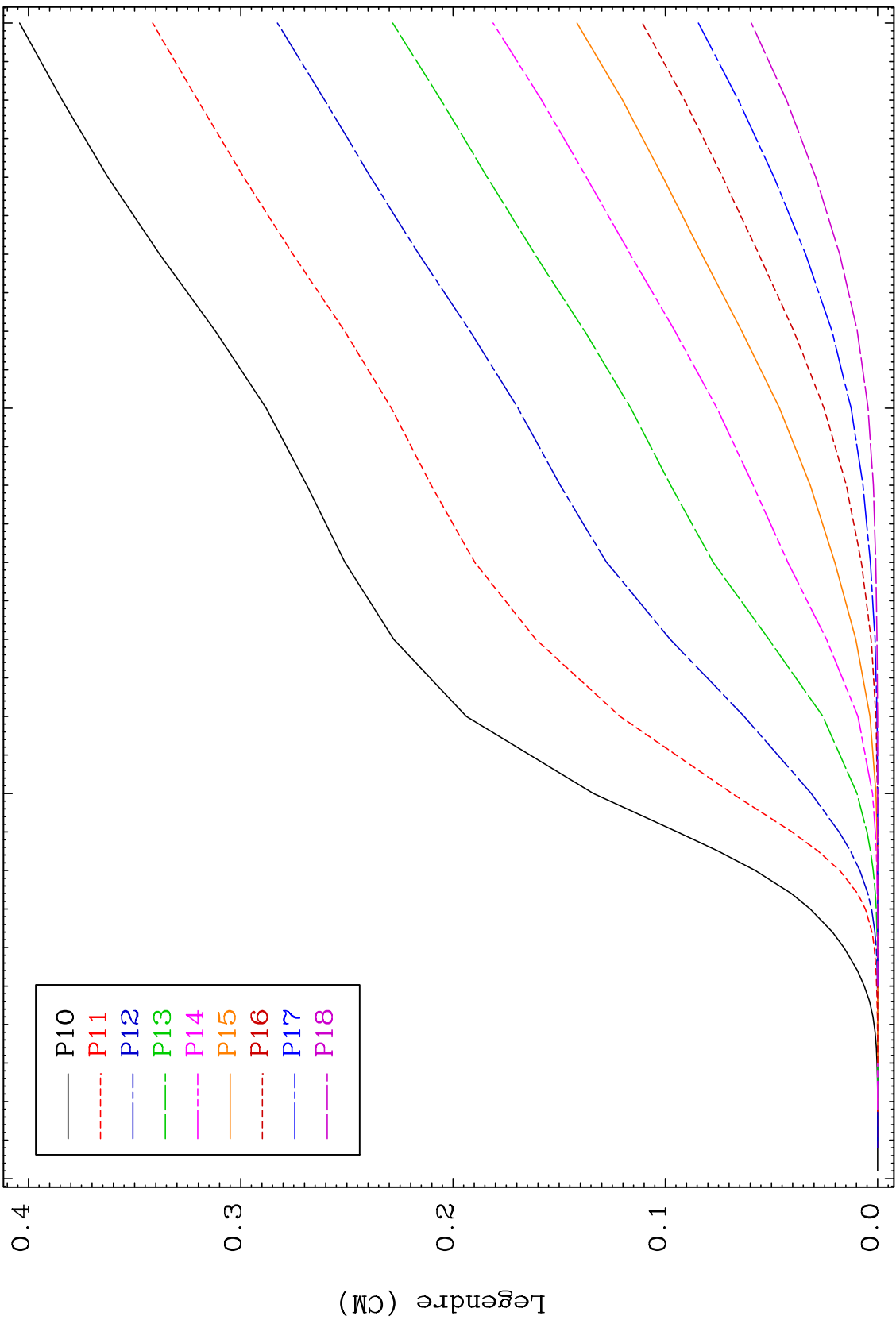
Incident Energy (MeV)

81-T1-206

MAT 8134

Elastic Legendre Coefficients

81-T1-206



17

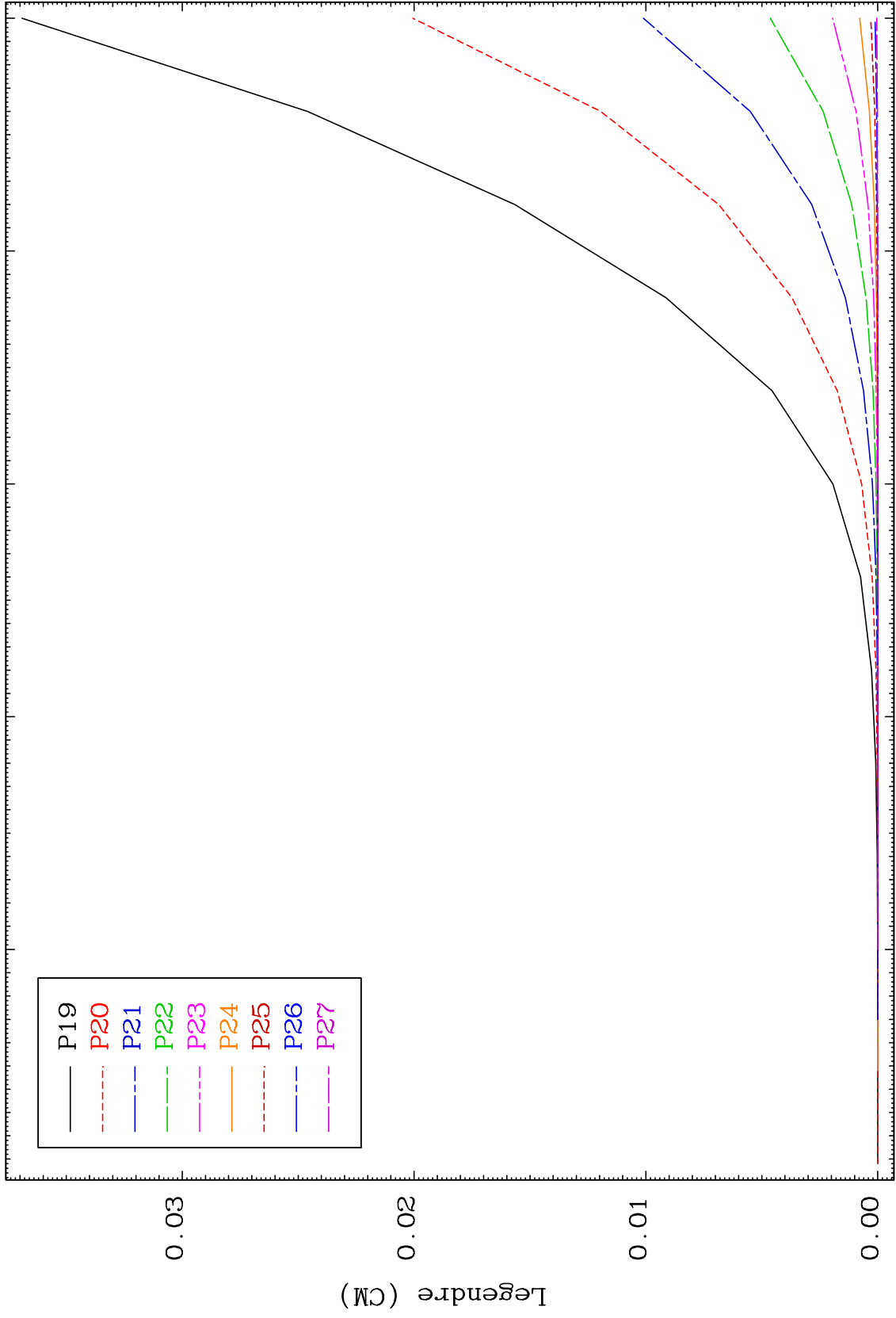
Incident Energy (MeV)

81-T1-206

MAT 8134

Elastic Legendre Coefficients

81-T1-206



18

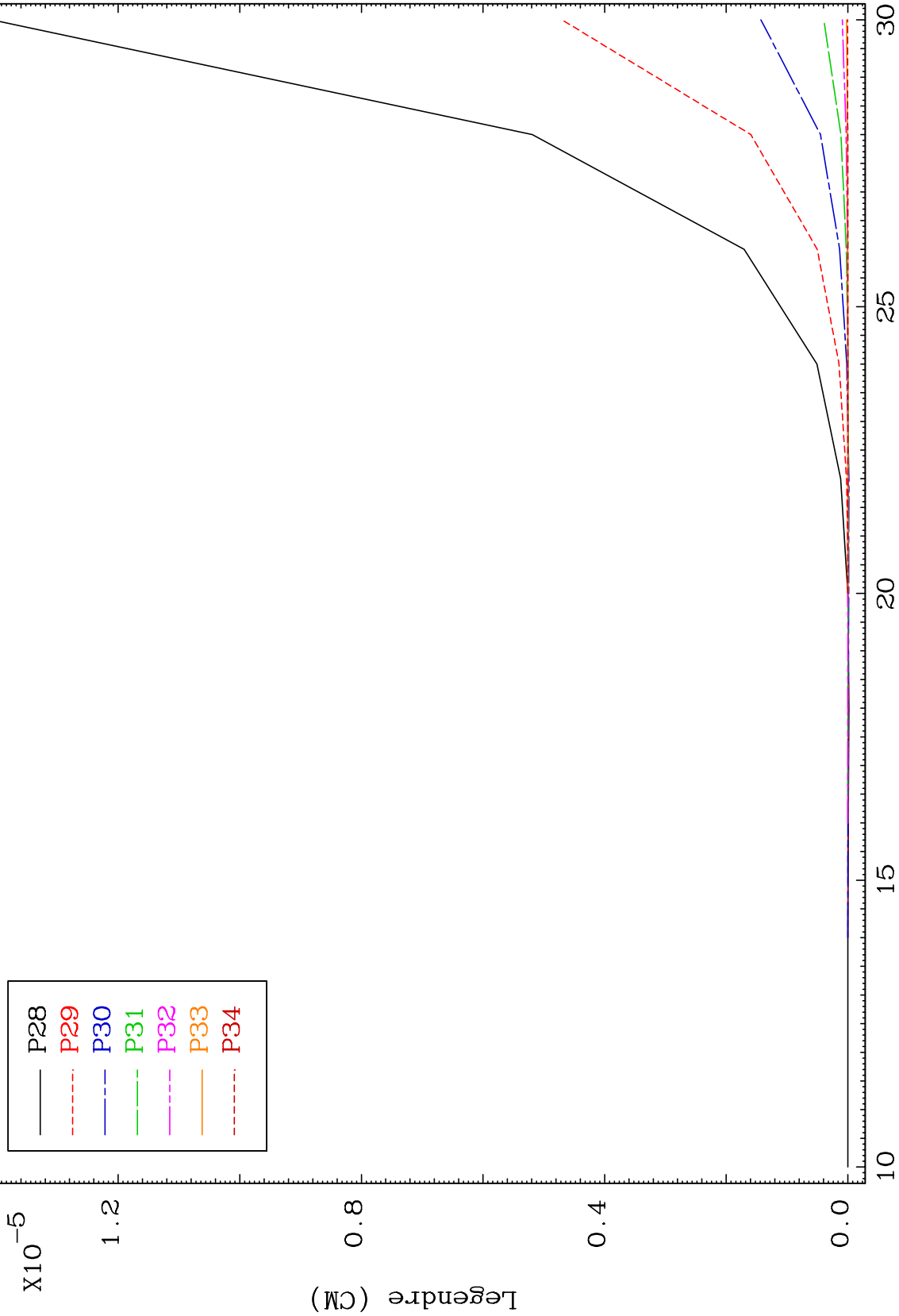
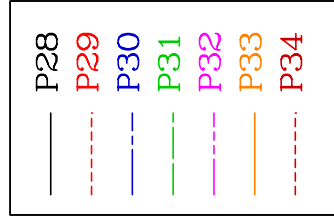
Incident Energy (MeV)

81-T1-206

MAT 8134

Elastic Legendre Coefficients

81-T1-206



19

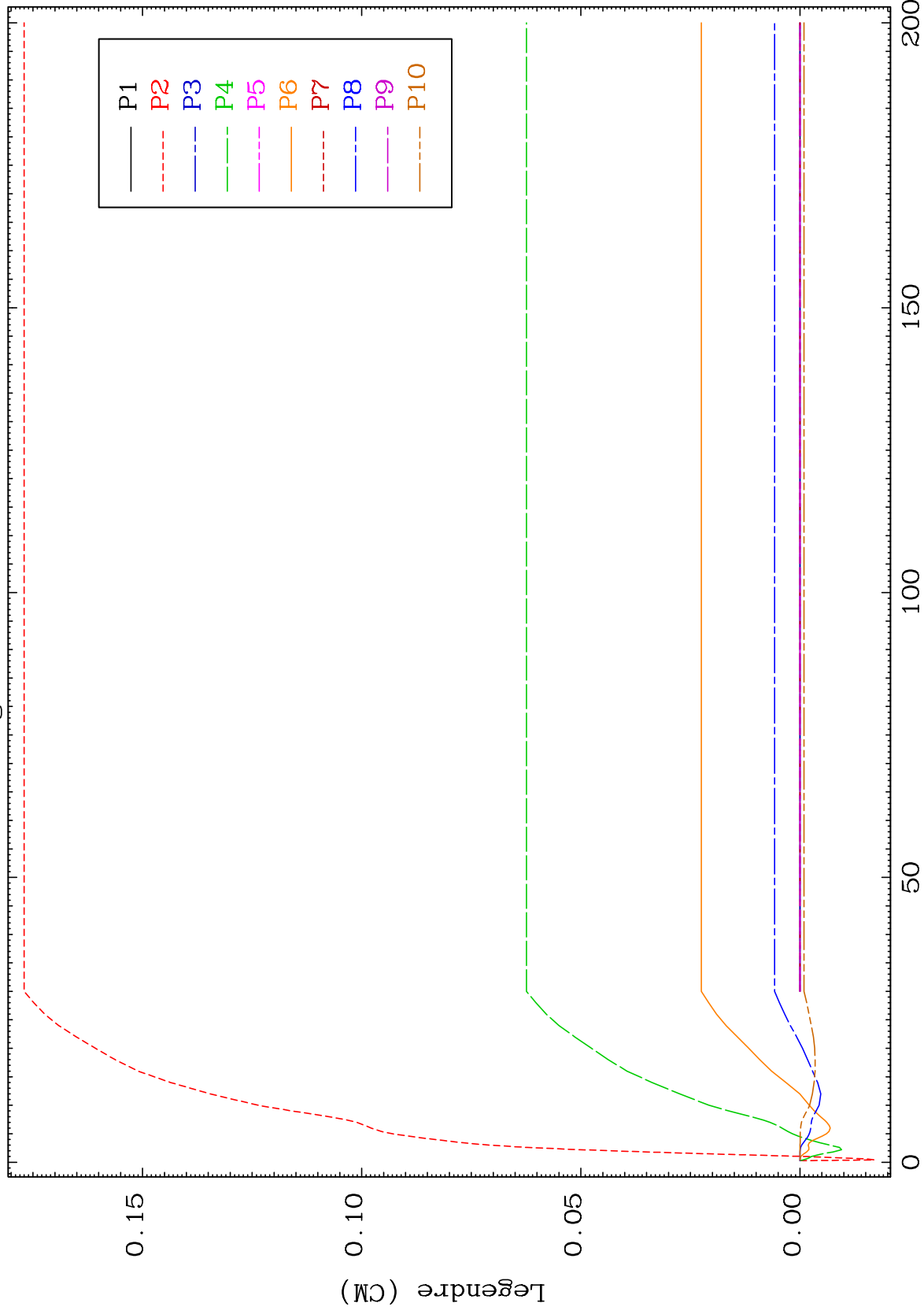
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



81-T1-206

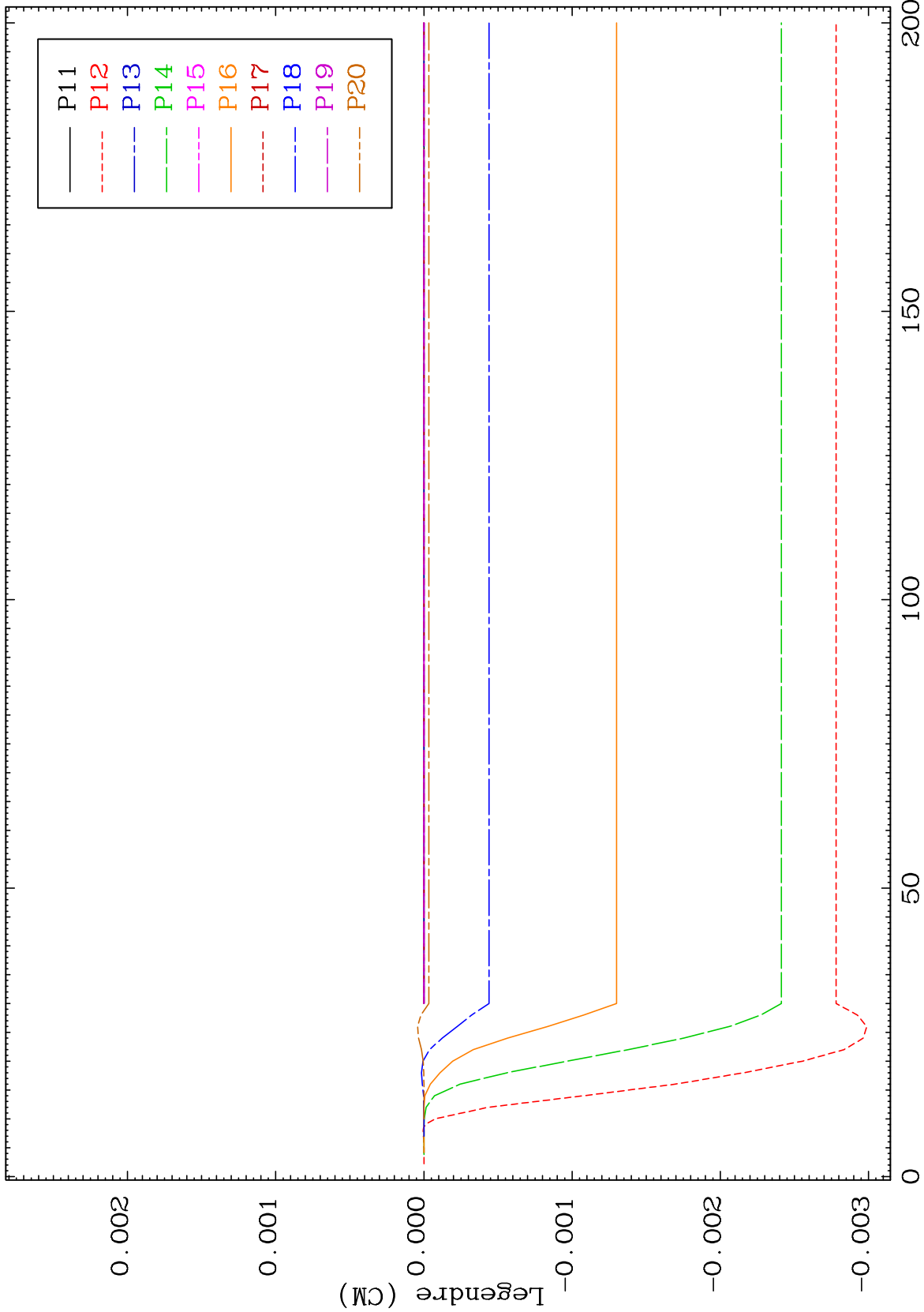
Incident Energy (MeV)

20

MAT 8134

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

81-T1-206



21

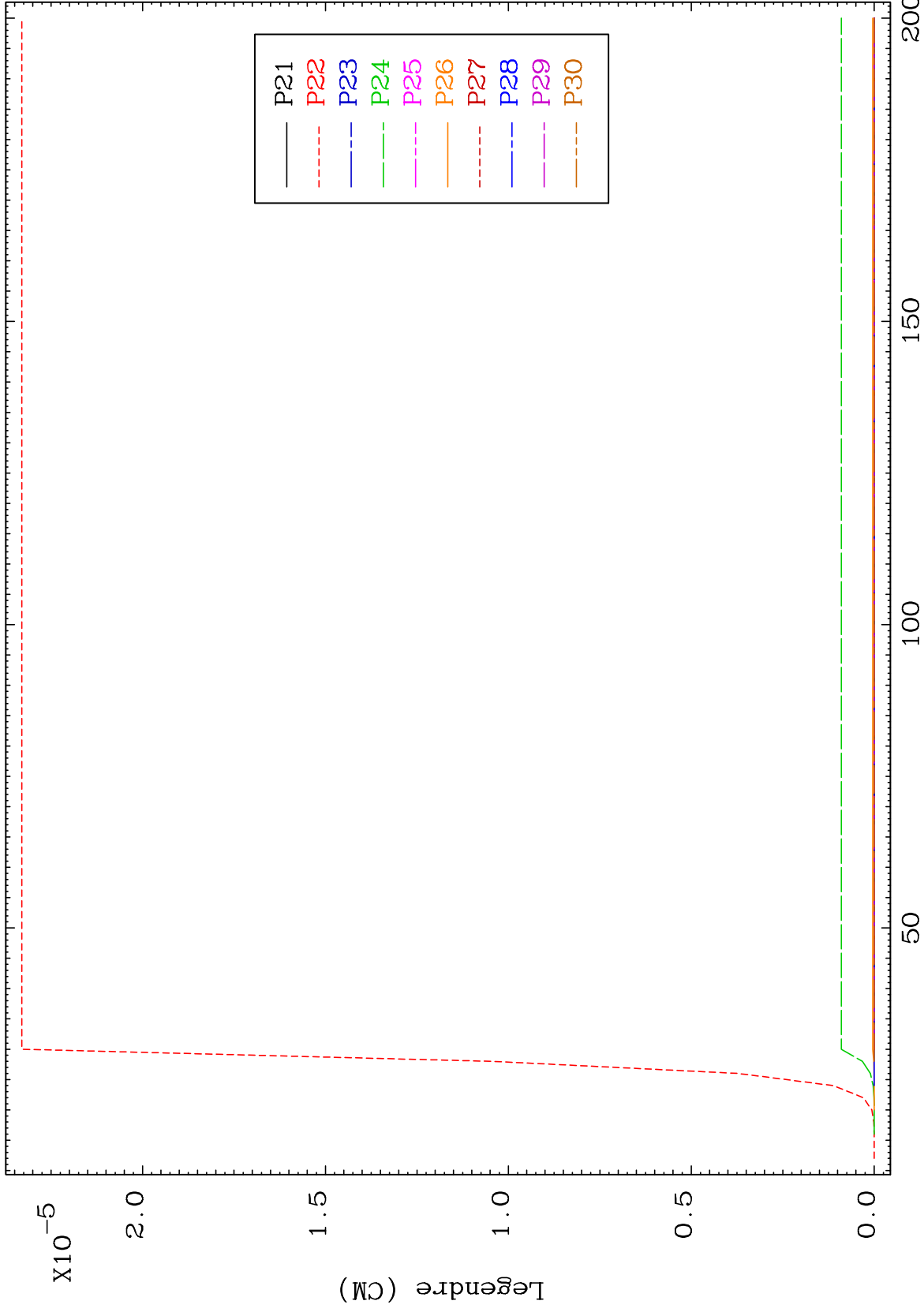
Incident Energy (MeV)

81-T1-206

MAT 8134

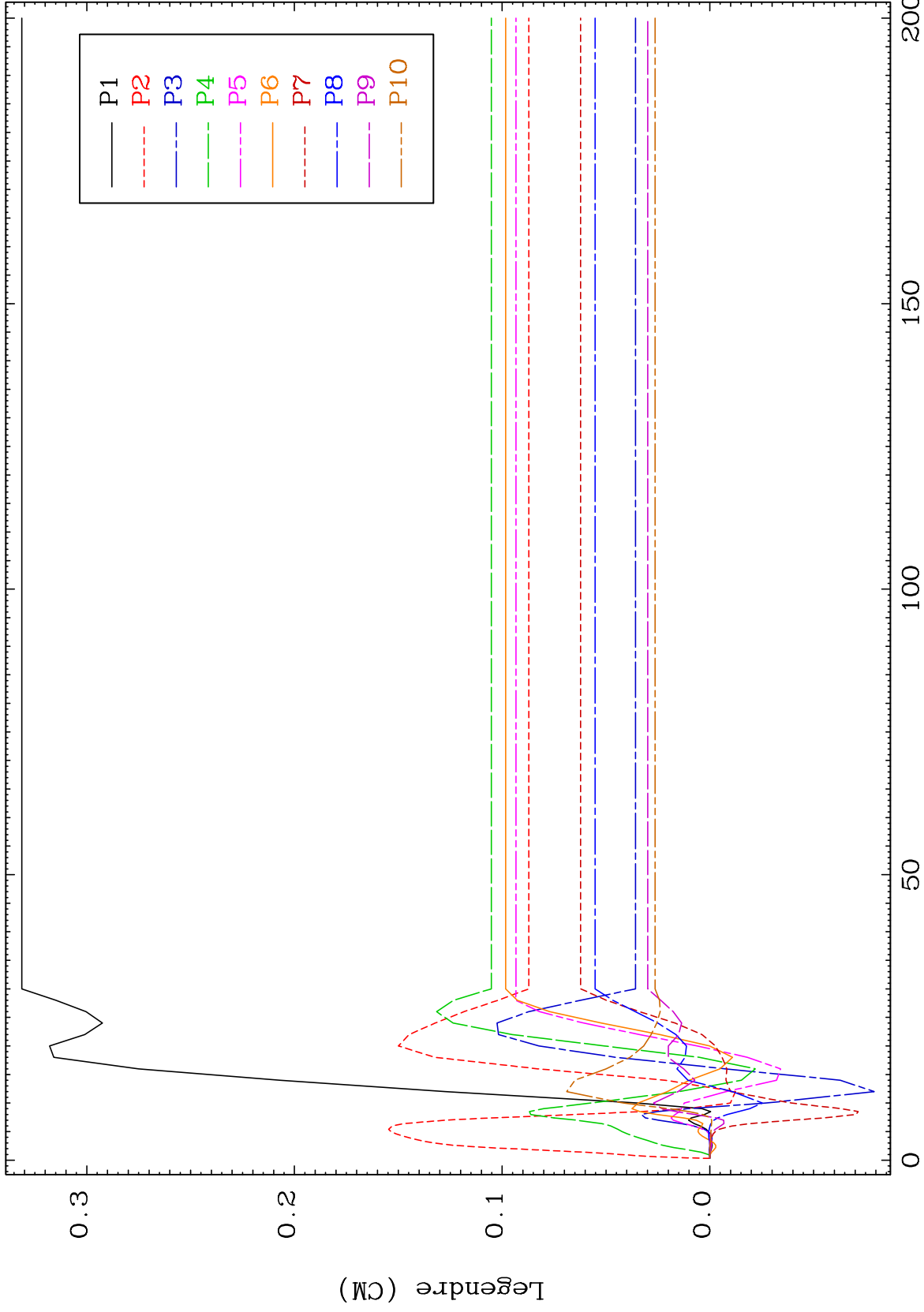
MT= 51 (n,n') Level  
Legendre Coefficients

81-T1-206



22

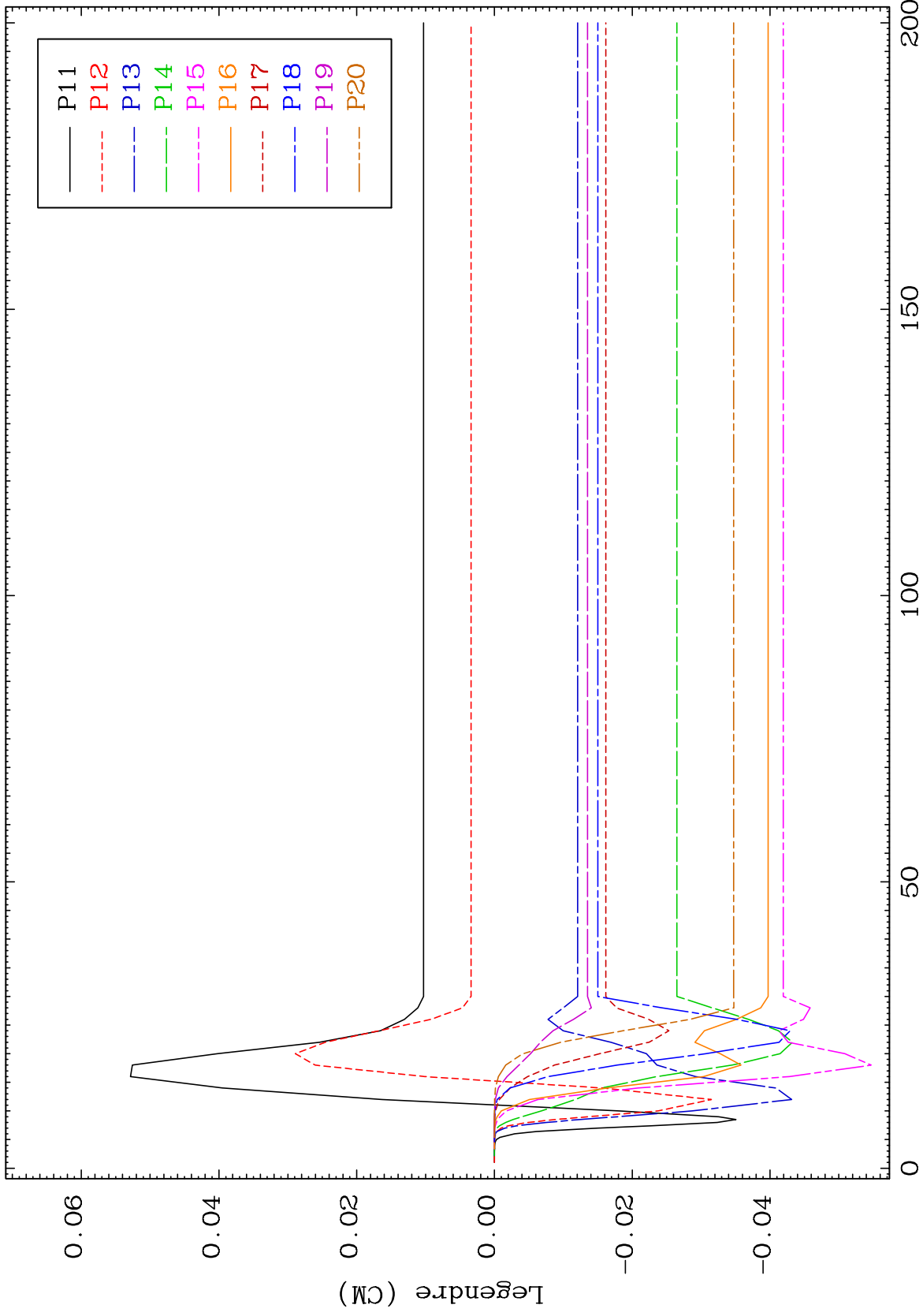
81-T1-206



MAT 8134

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

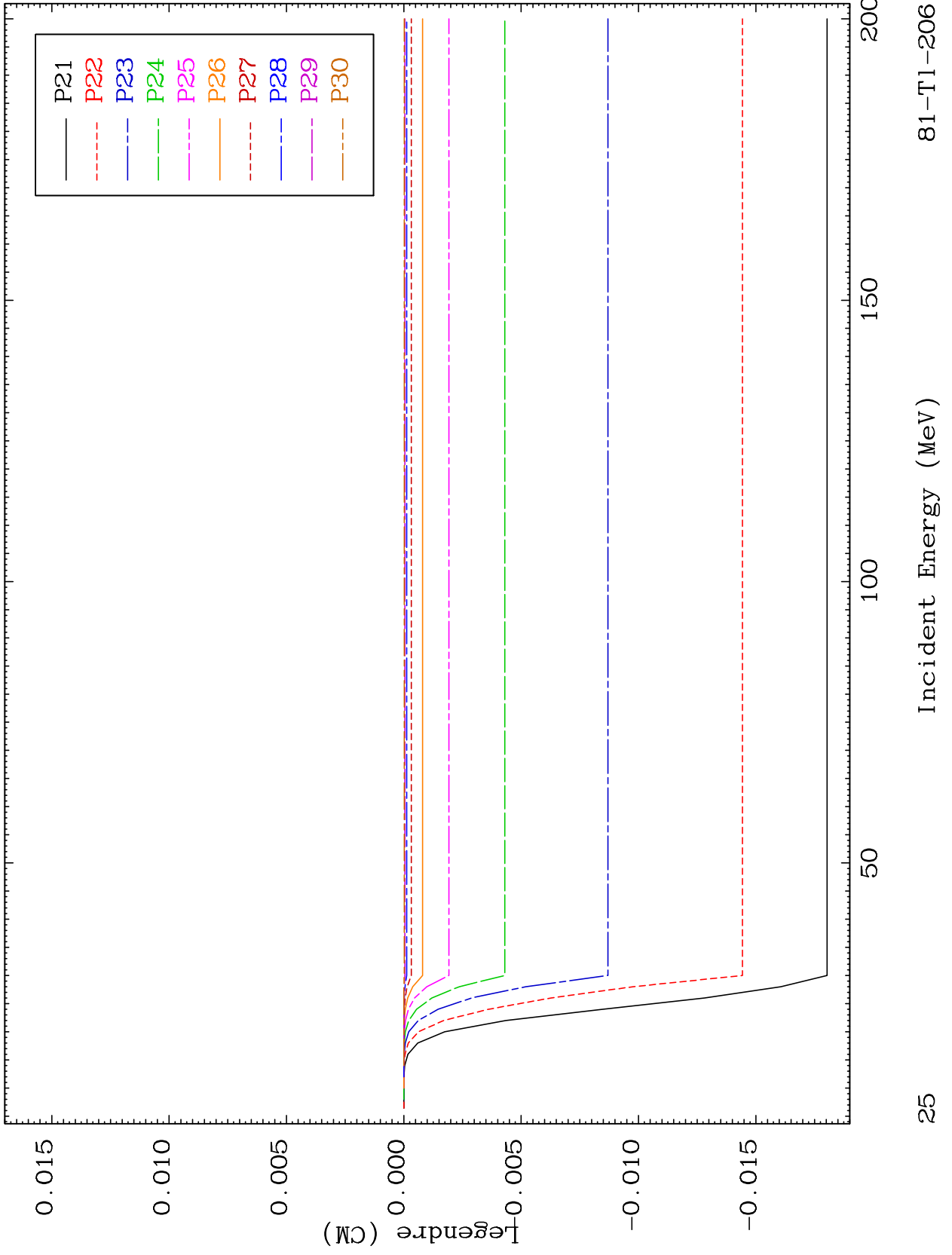
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24

Incident Energy (MeV)

81-T1-206

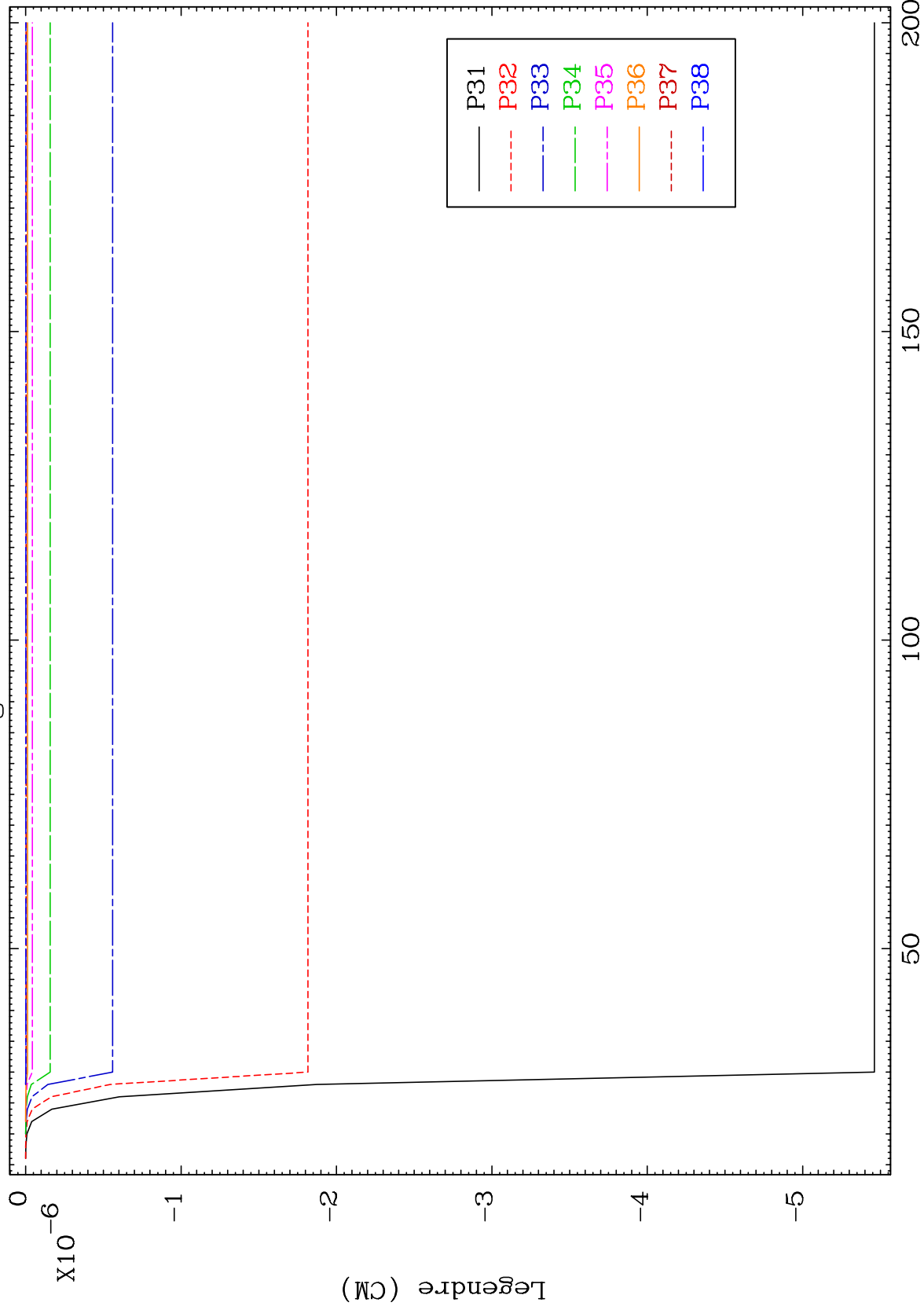


MAT 8134

MT= 52 (n,n') Level

81-T1-206

Legendre Coefficients



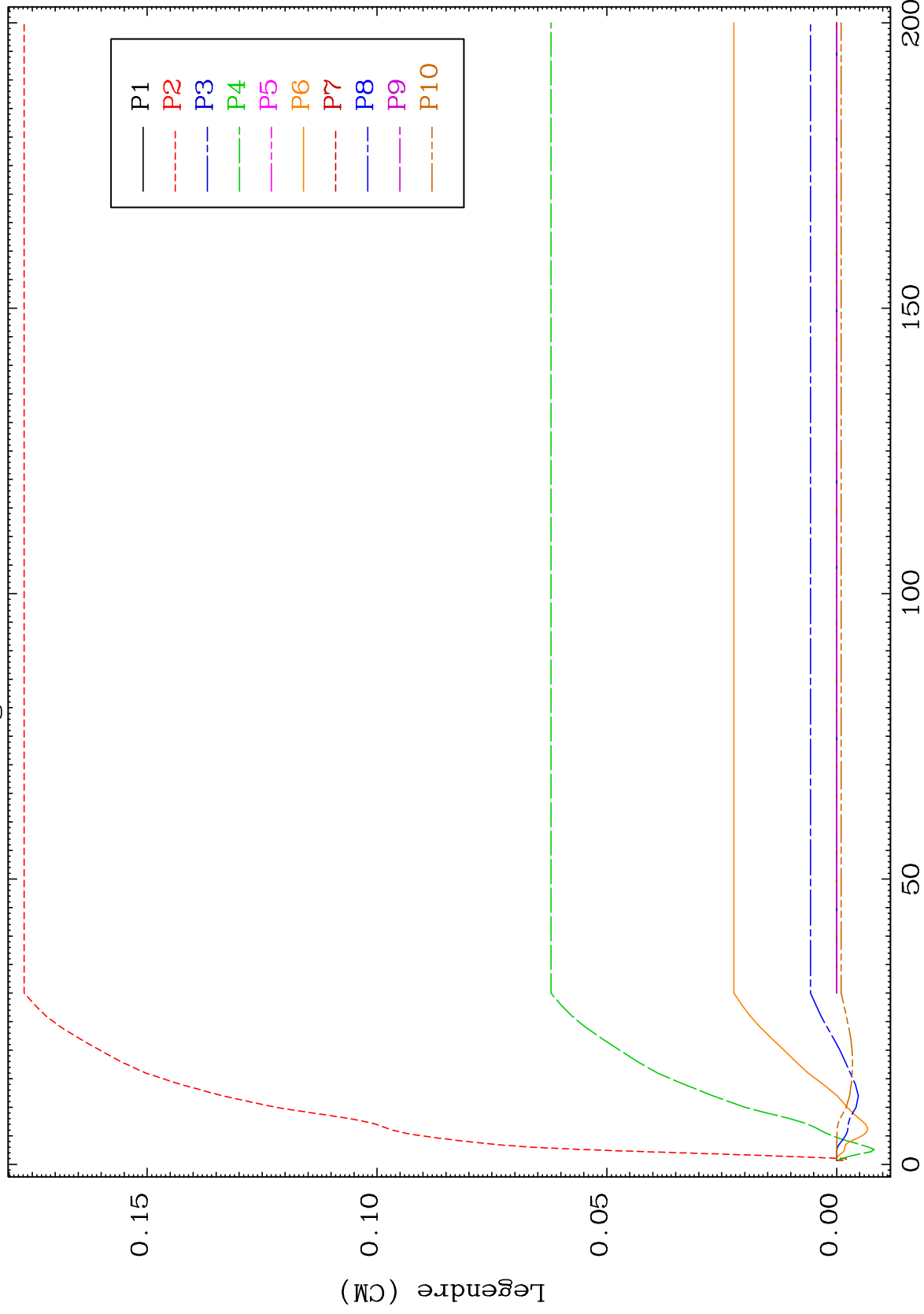
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81-T1-206

MAT 8134

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

81-T1-206



27

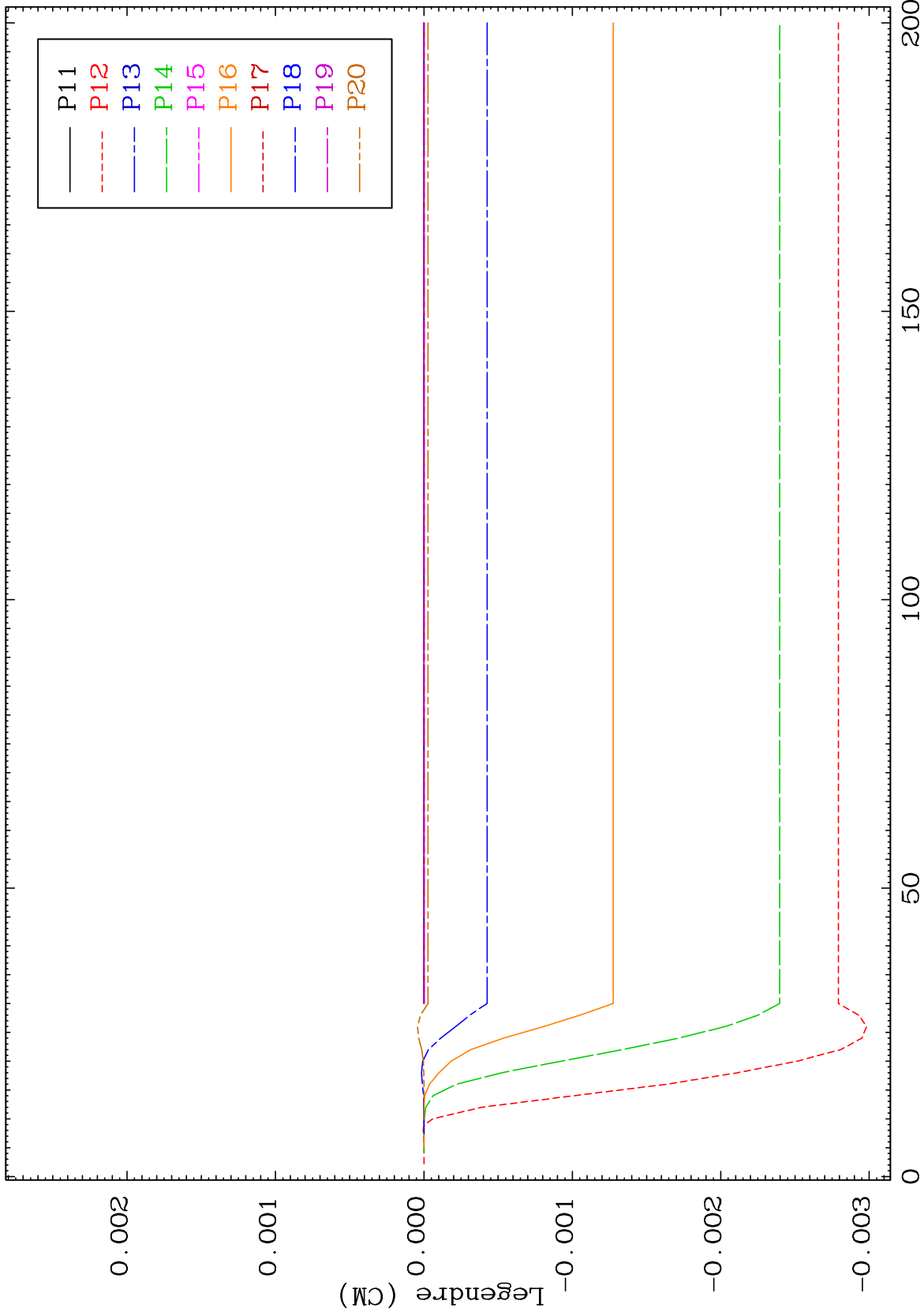
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



28

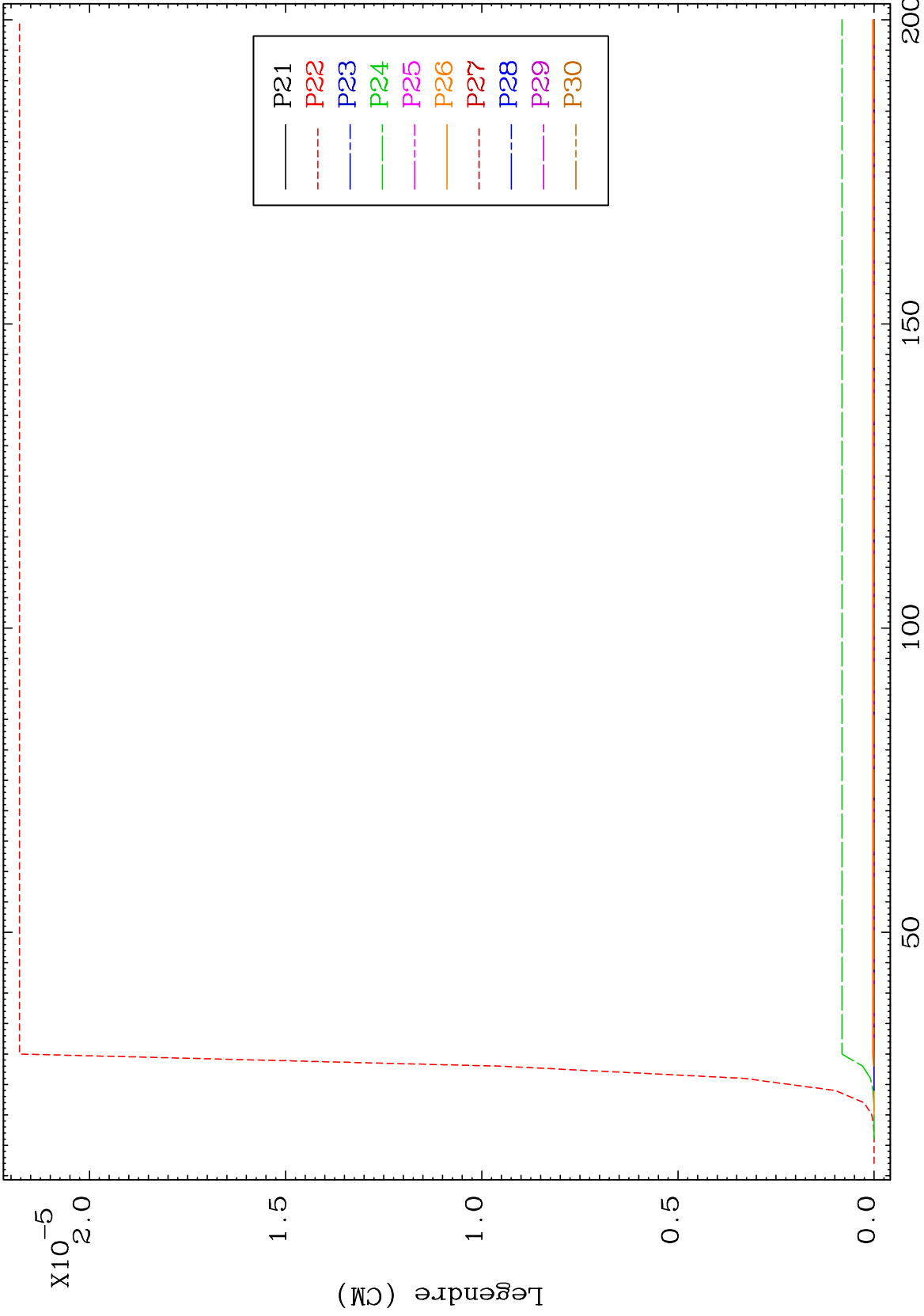
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



29

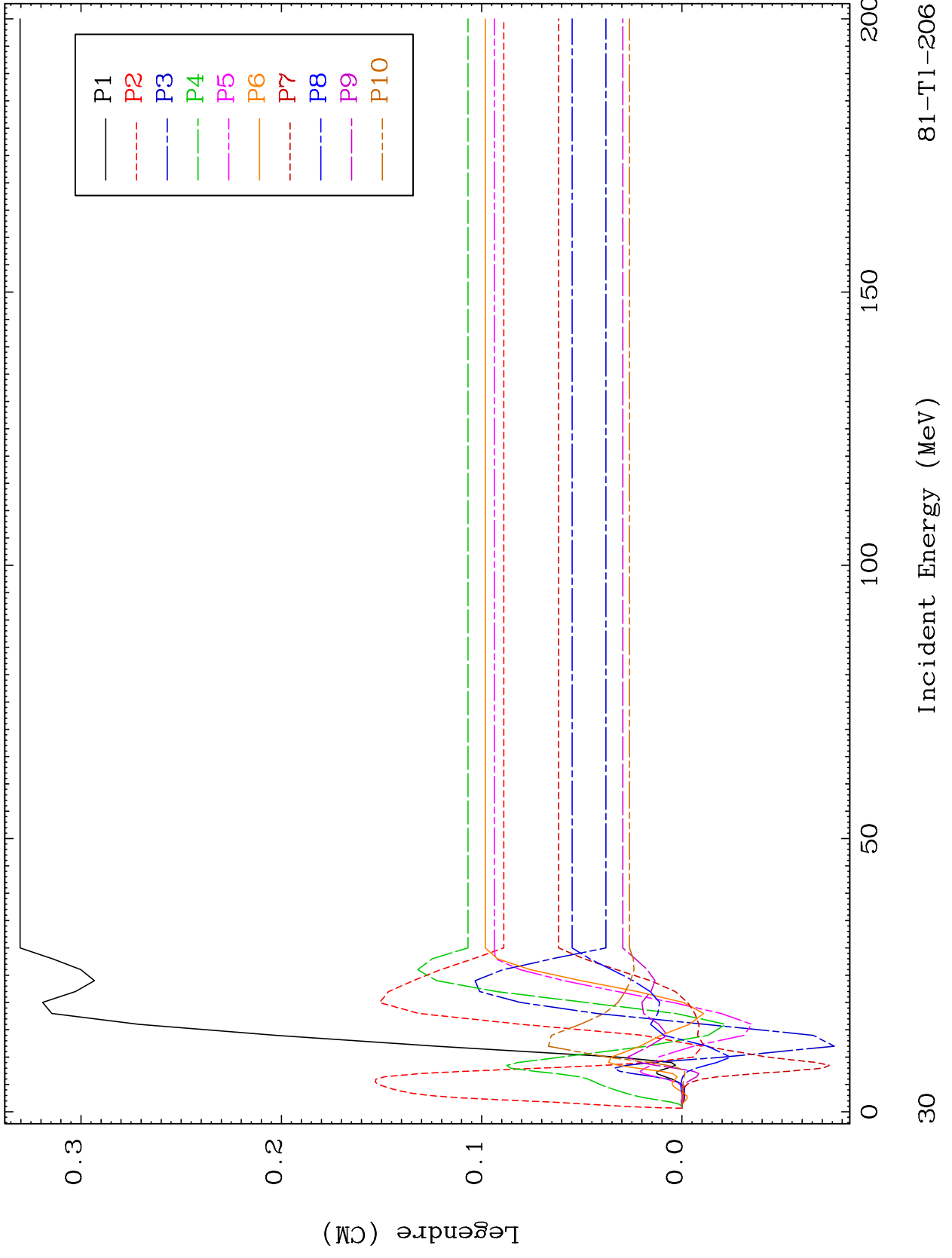
Incident Energy (MeV)

81-T1-206

MAT 8134

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

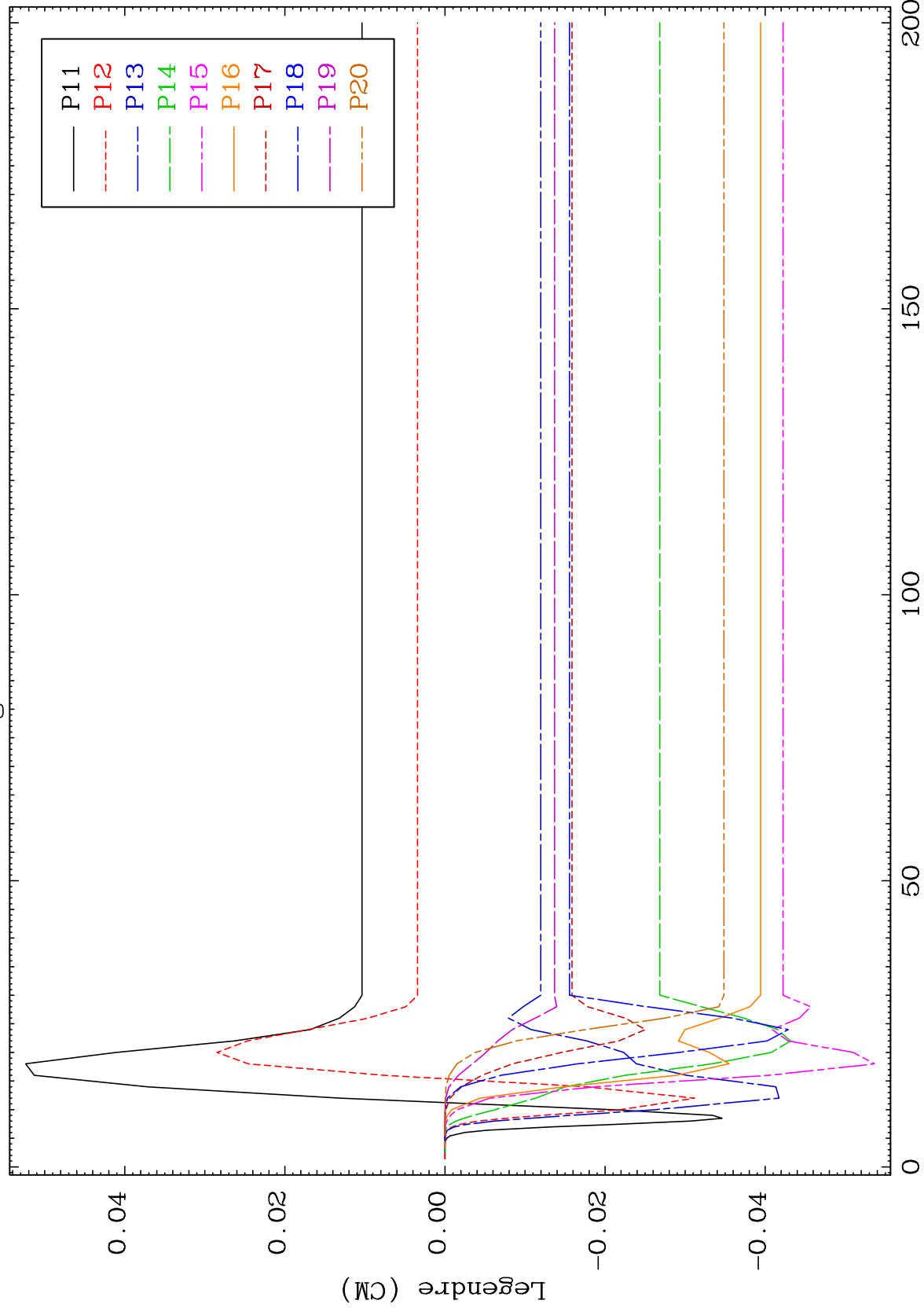
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MAT 8134

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

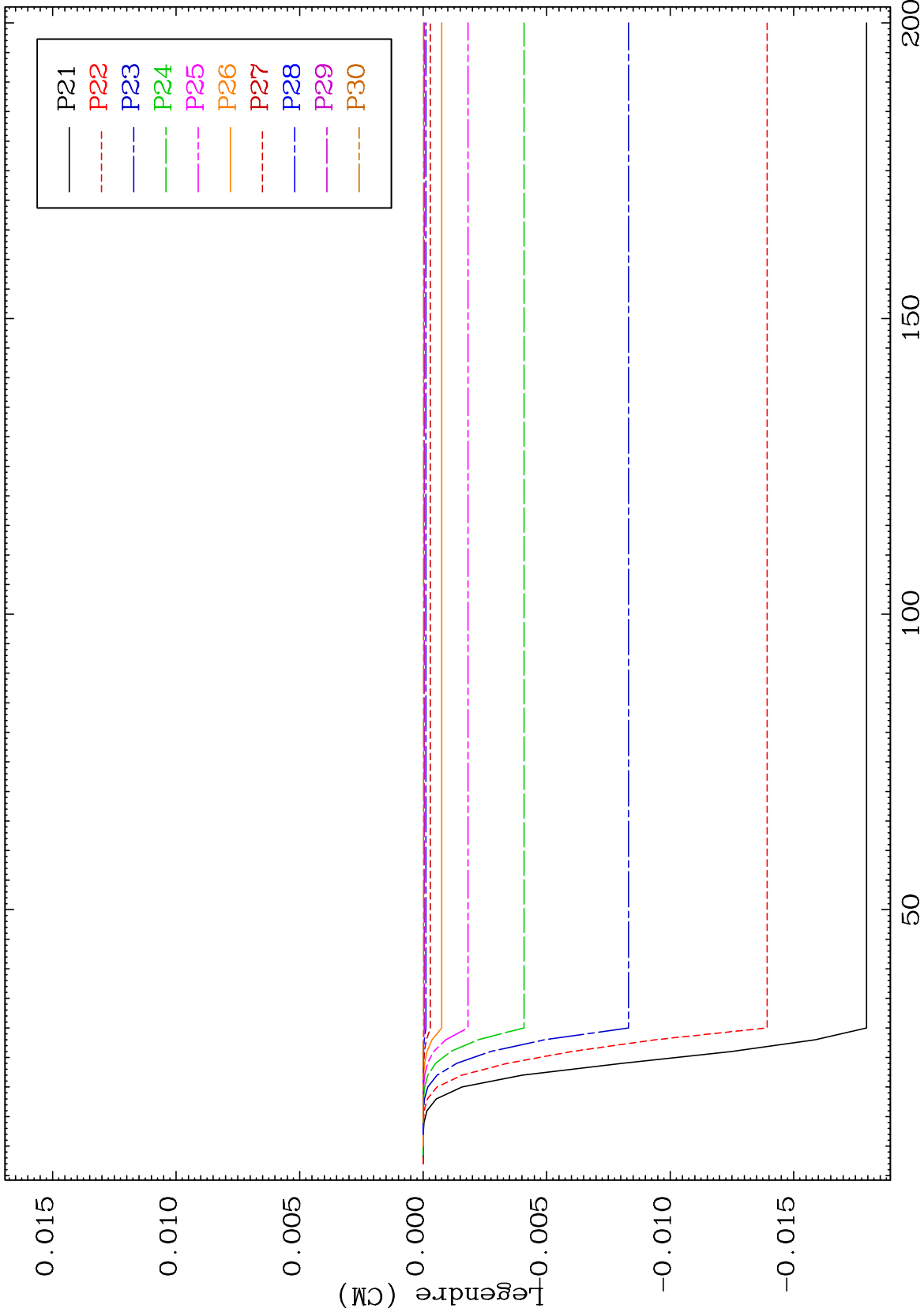
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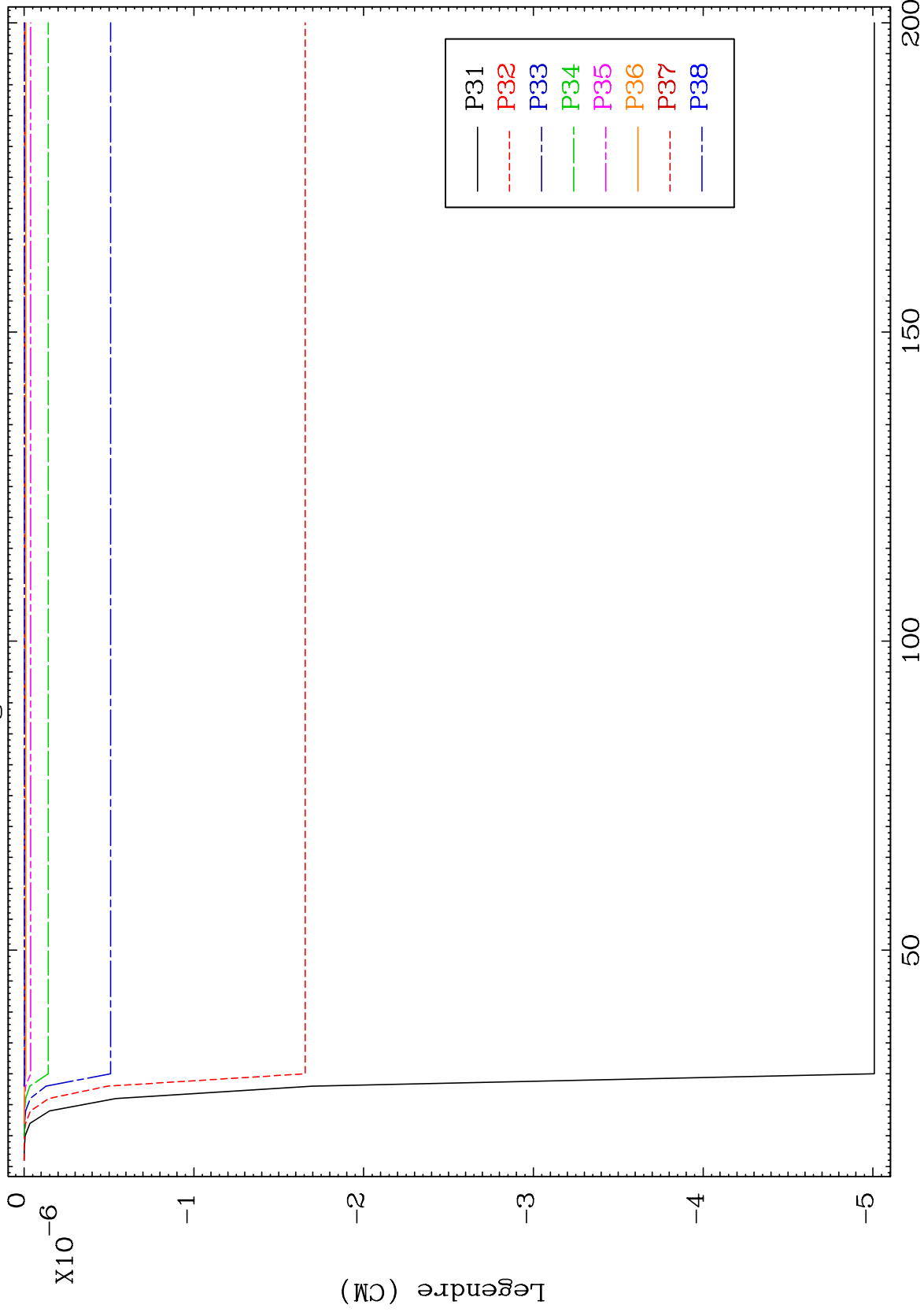
31

Incident Energy (MeV)

81-T1-206



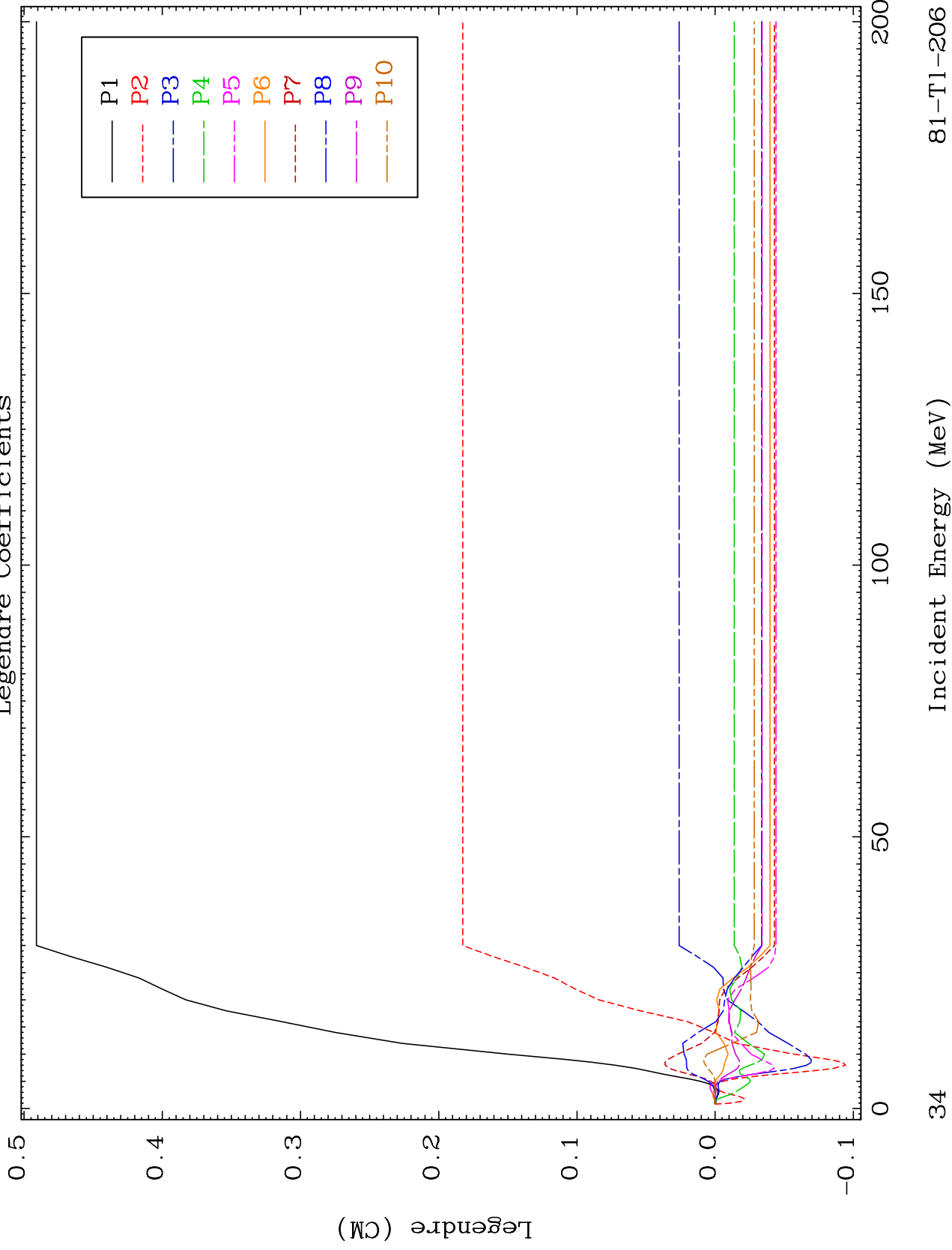
Legendre Coefficients



MAT 8134

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

81-T1-206



81-T1-206

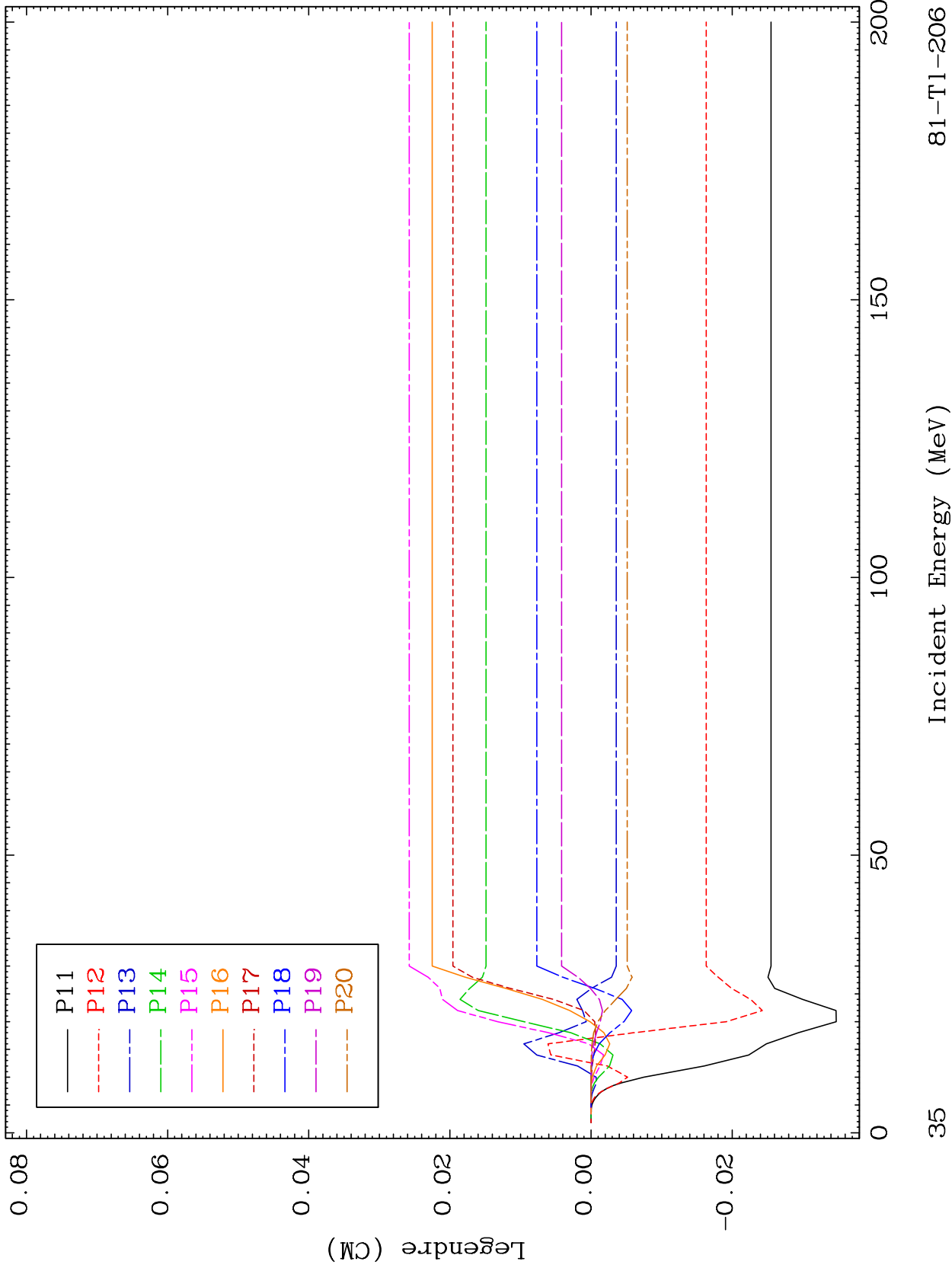
Incident Energy (MeV)

34

MAT 8134

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

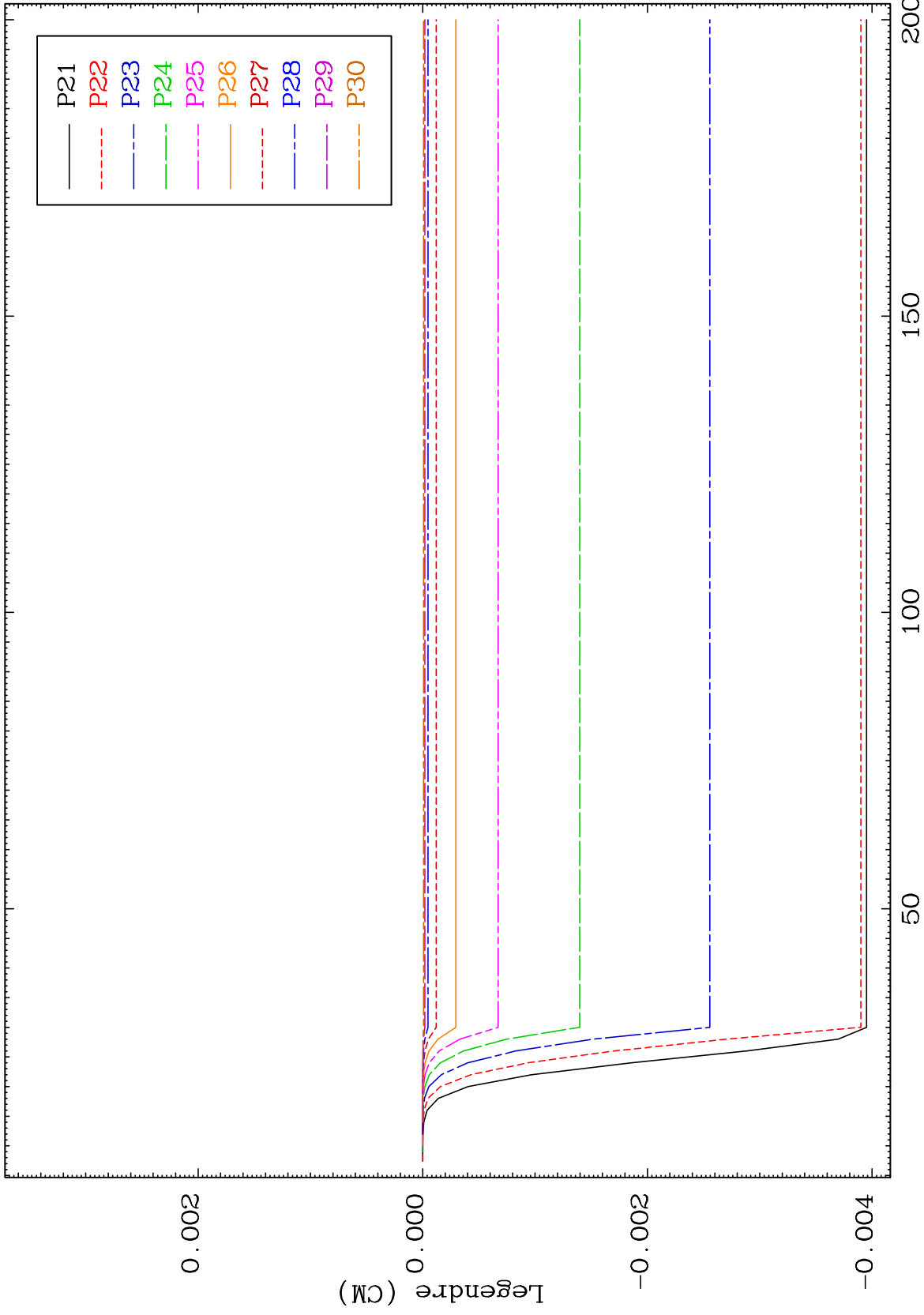
81-Tl-206



81-Tl-206

Incident Energy (MeV)

35

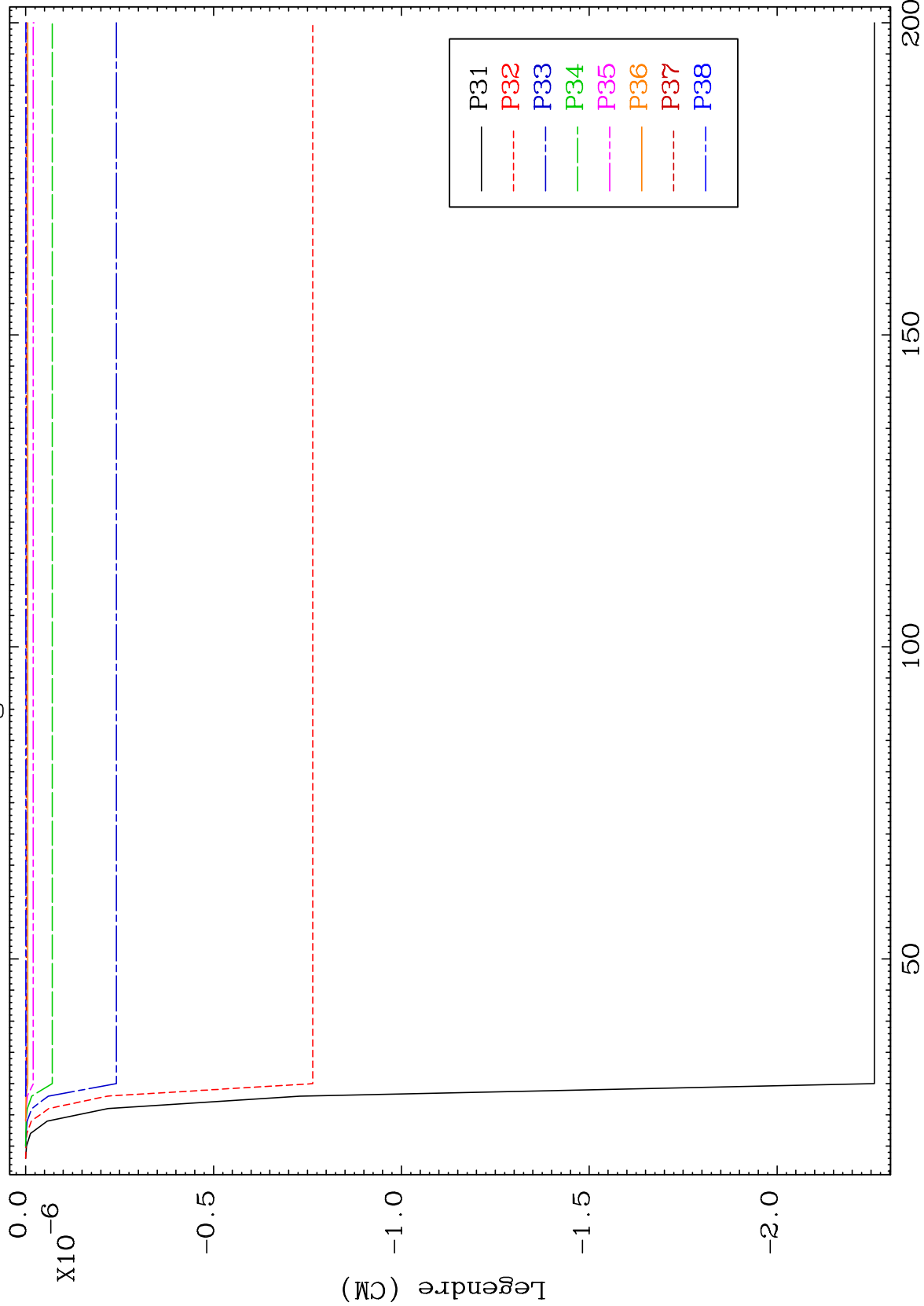


MAT 8134

MT= 55 (n,n') Level

81-T1-206

Legendre Coefficients



37

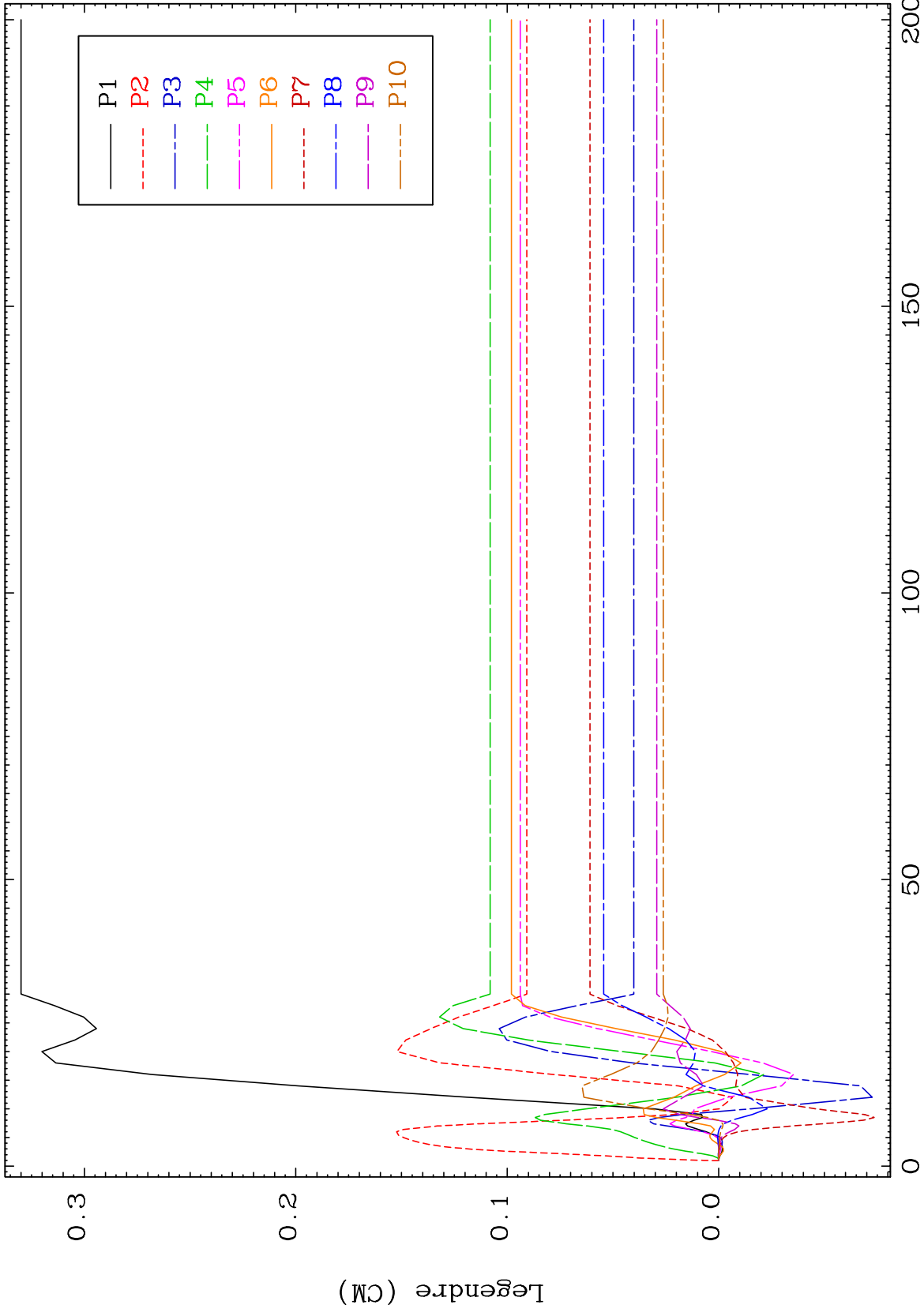
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



38

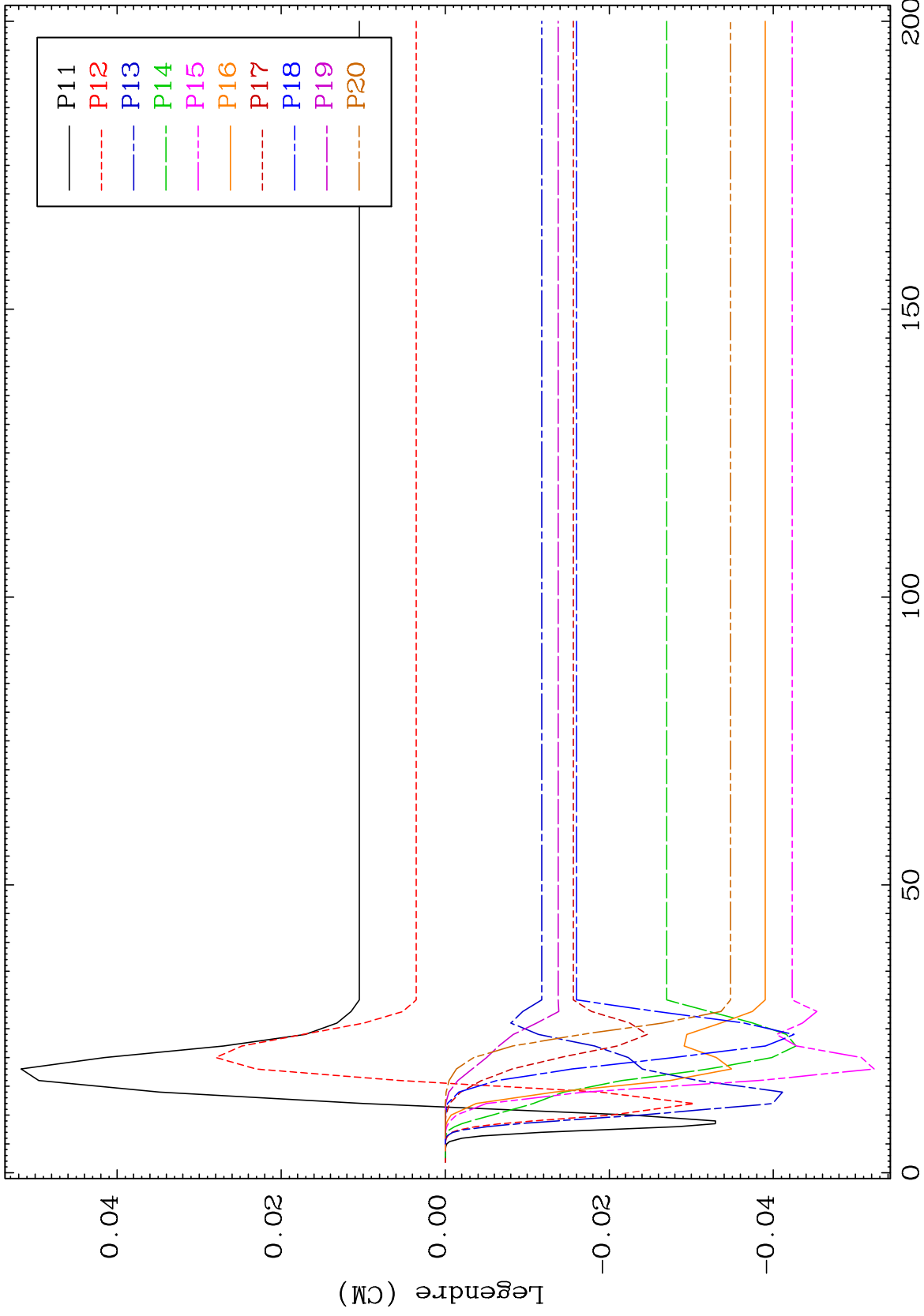
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



39

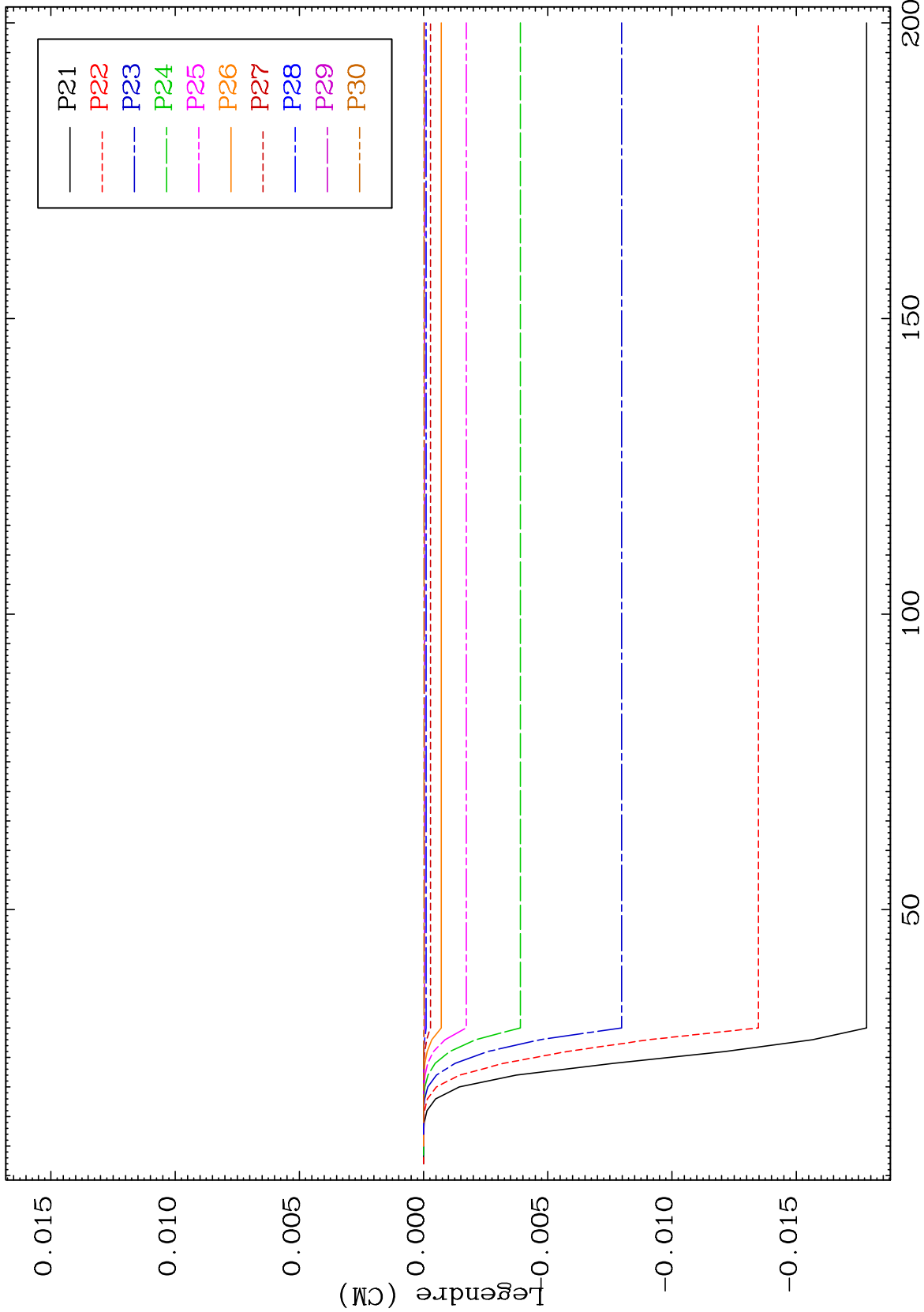
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



40

Incident Energy (MeV)

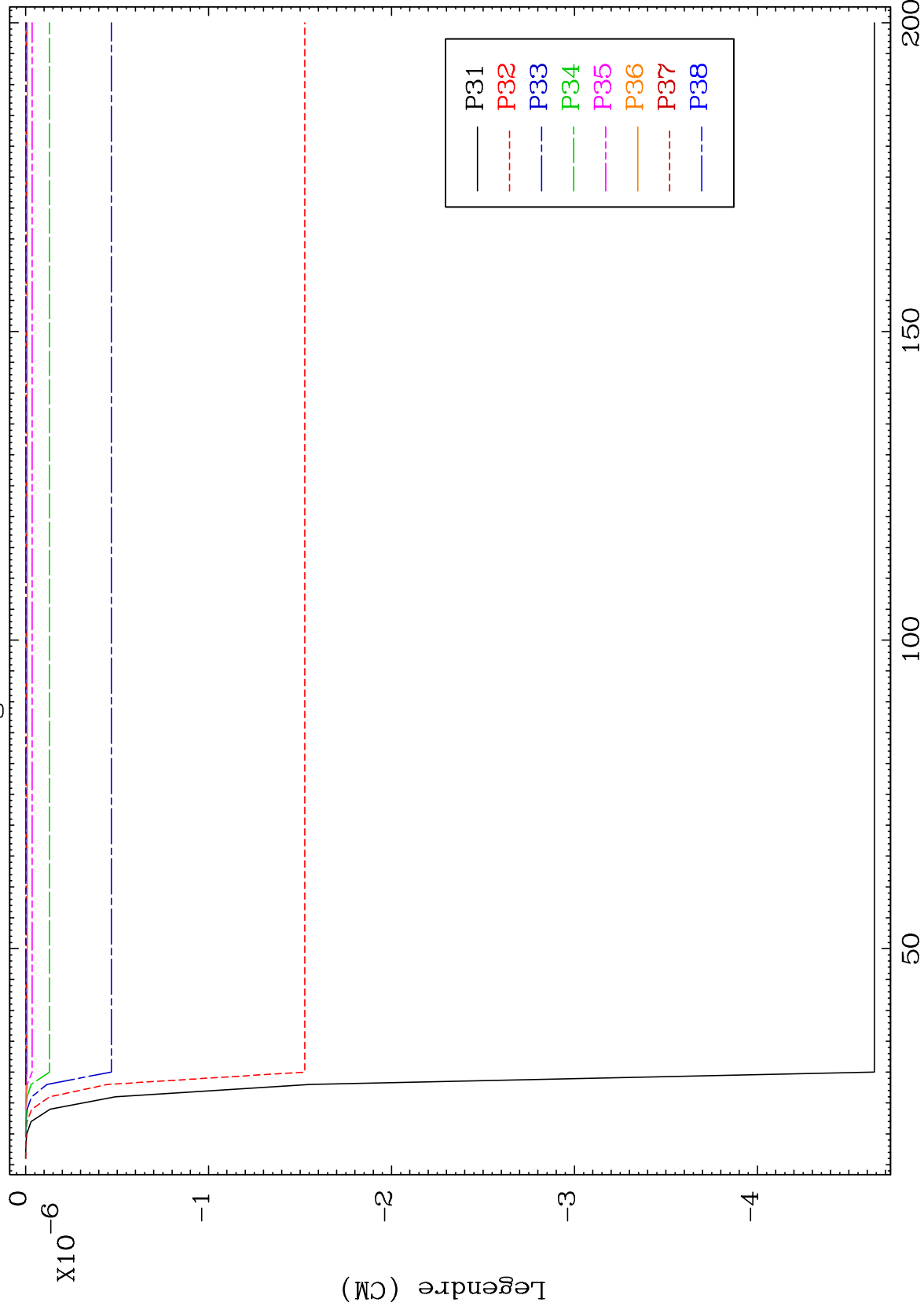
81-T1-206

MAT 8134

MT= 56 (n,n') Level

81-T1-206

Legendre Coefficients



41

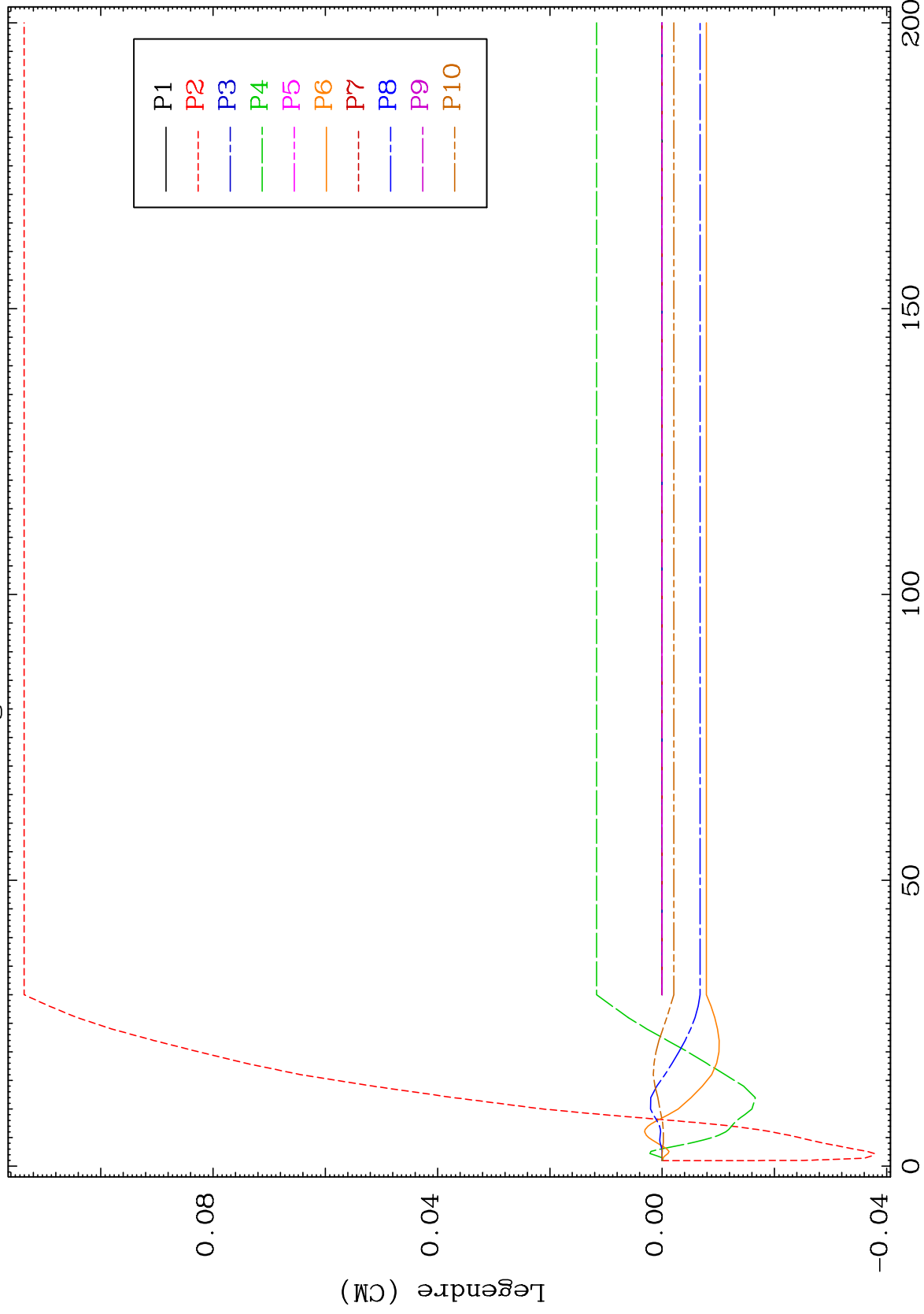
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



42

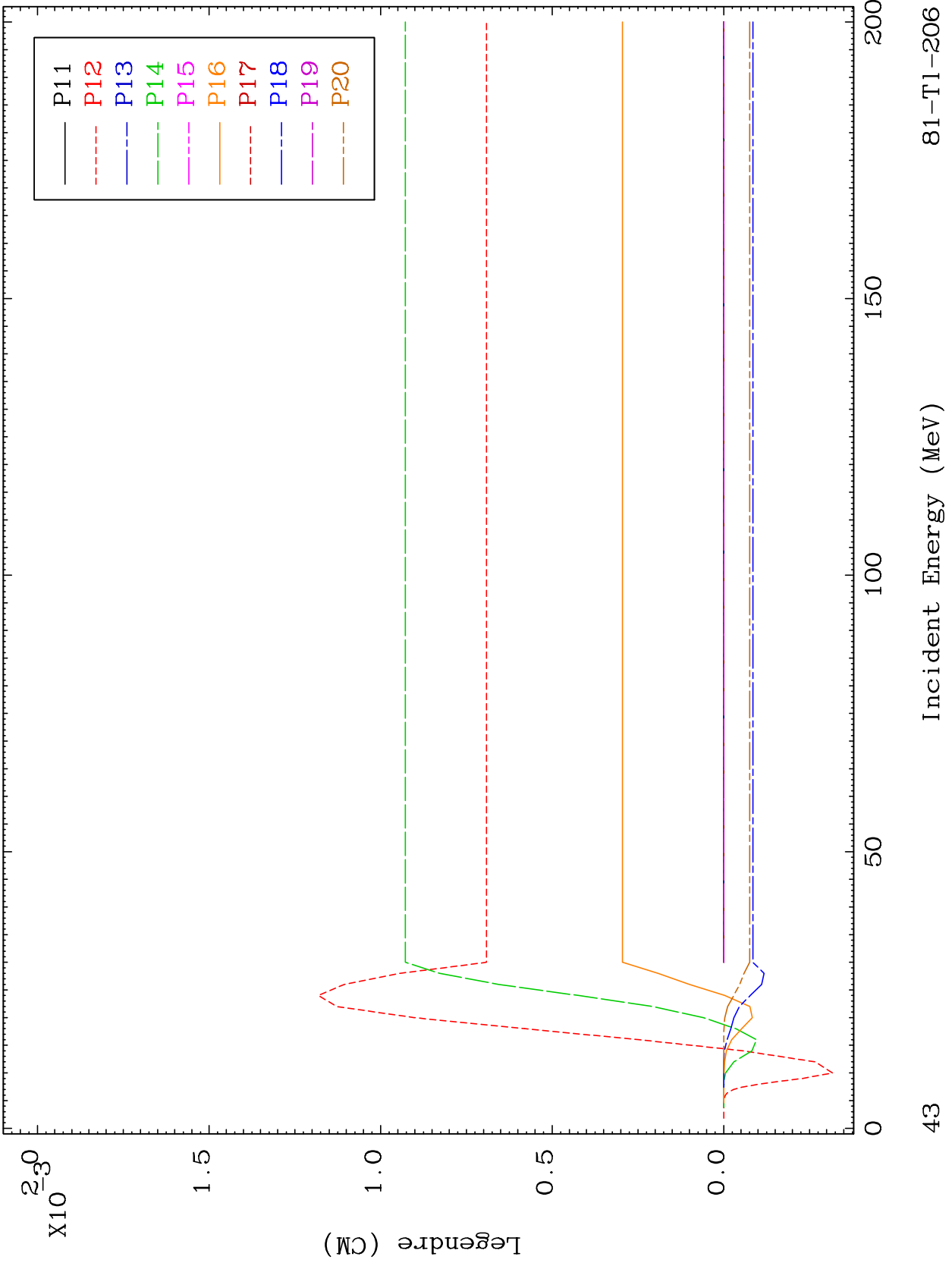
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



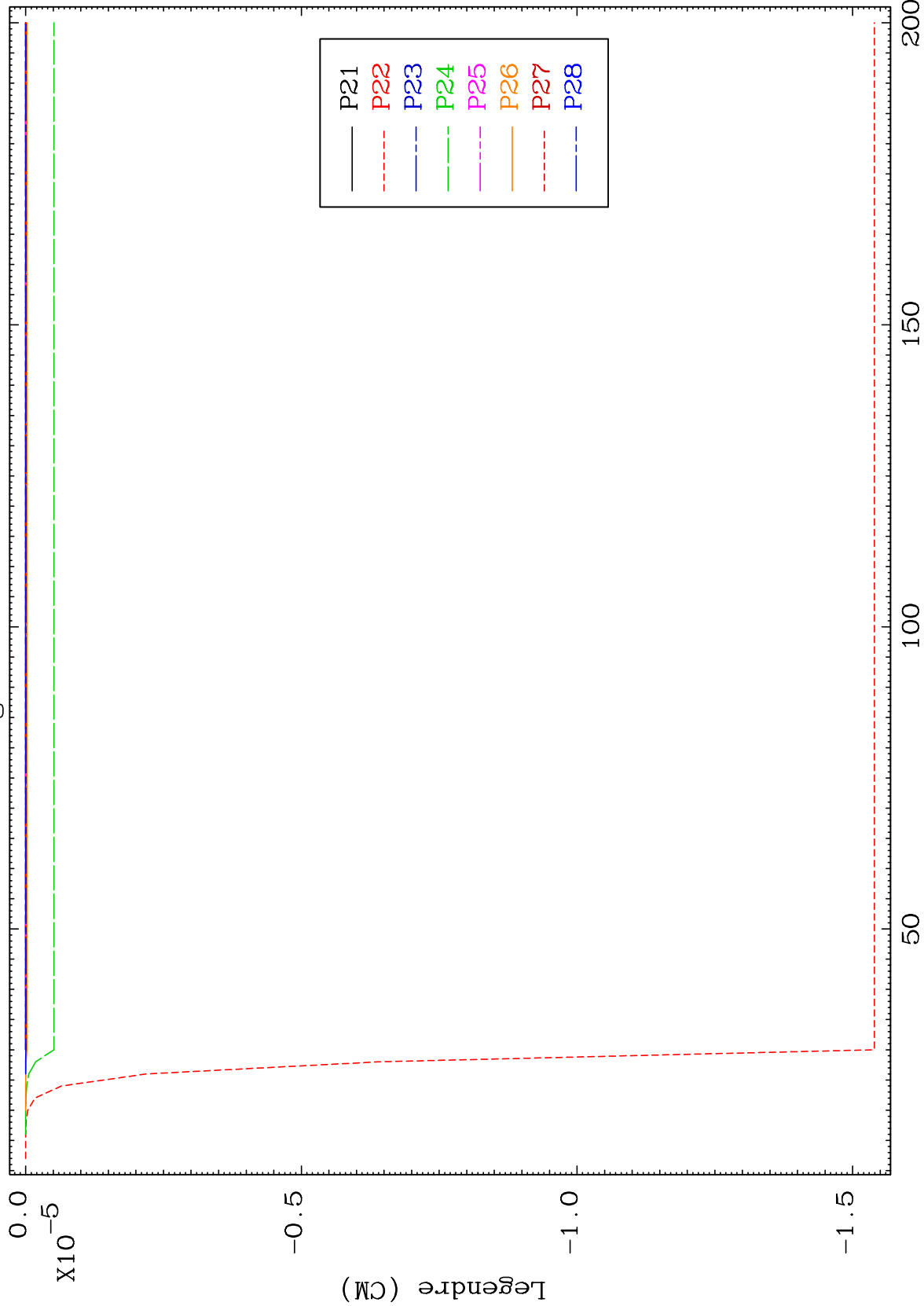
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81-T1-206

MAT 8134

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

81-T1-206



44

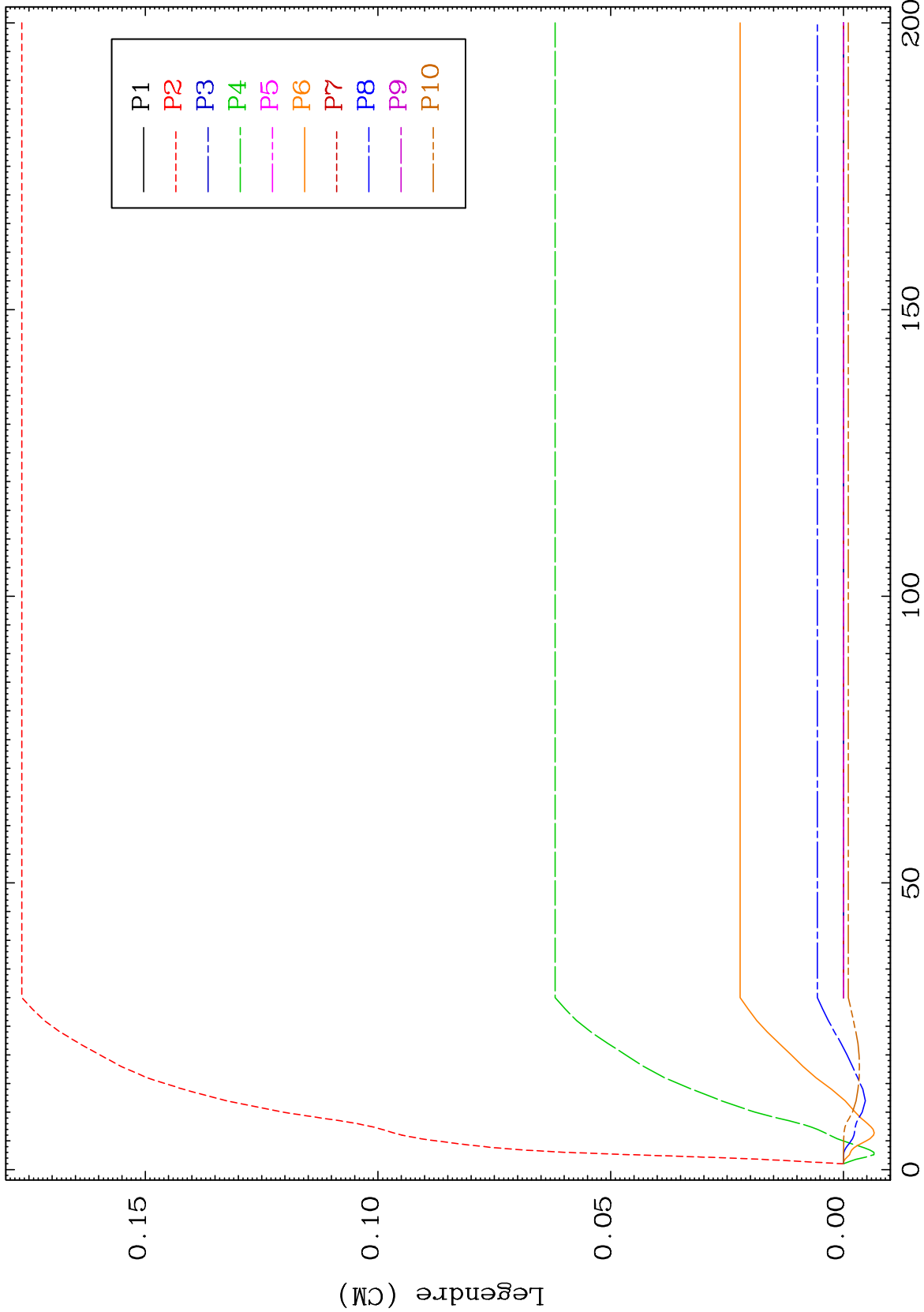
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



81-T1-206

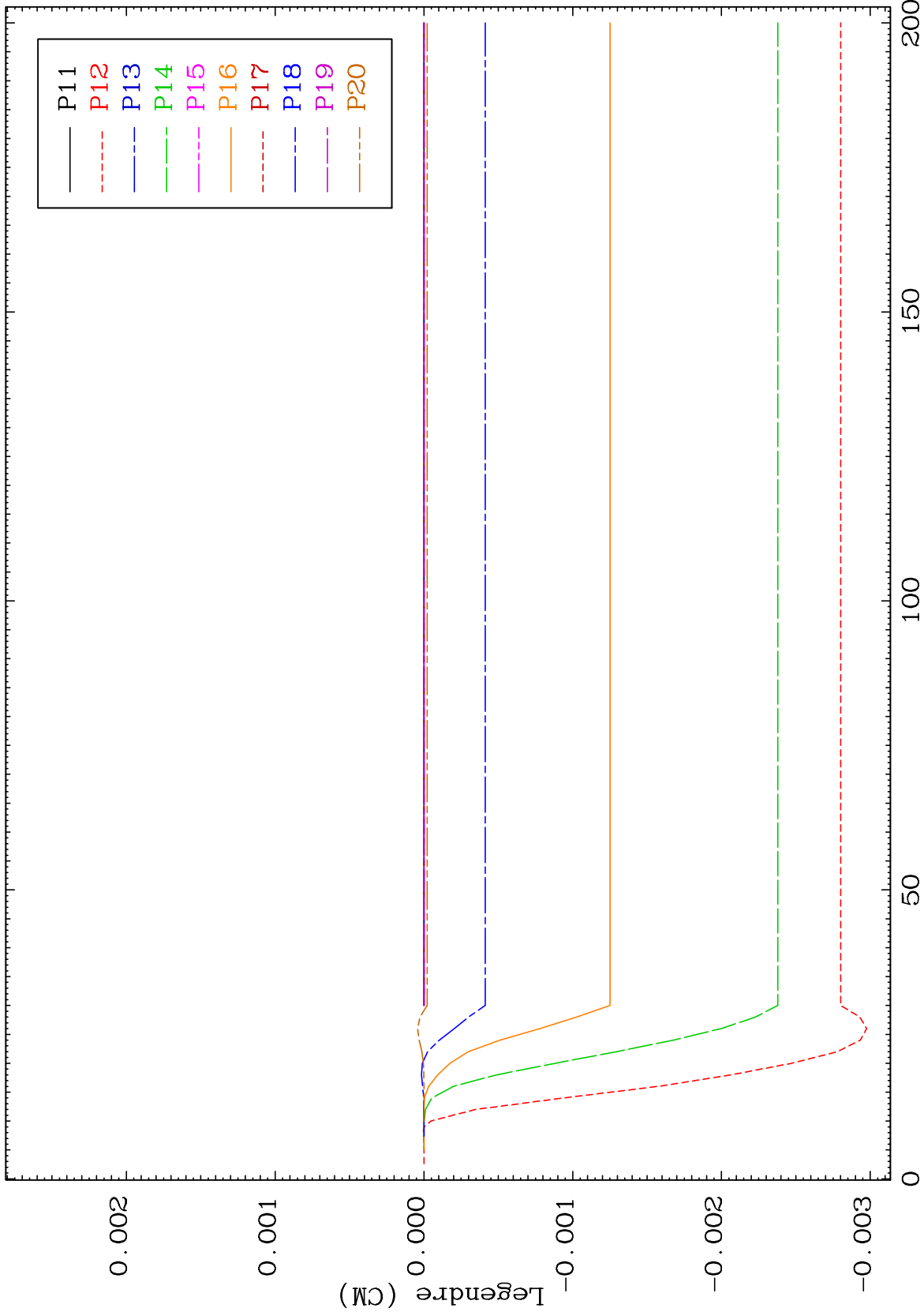
Incident Energy (MeV)

45

MAT 8134

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

81-T1-206



46

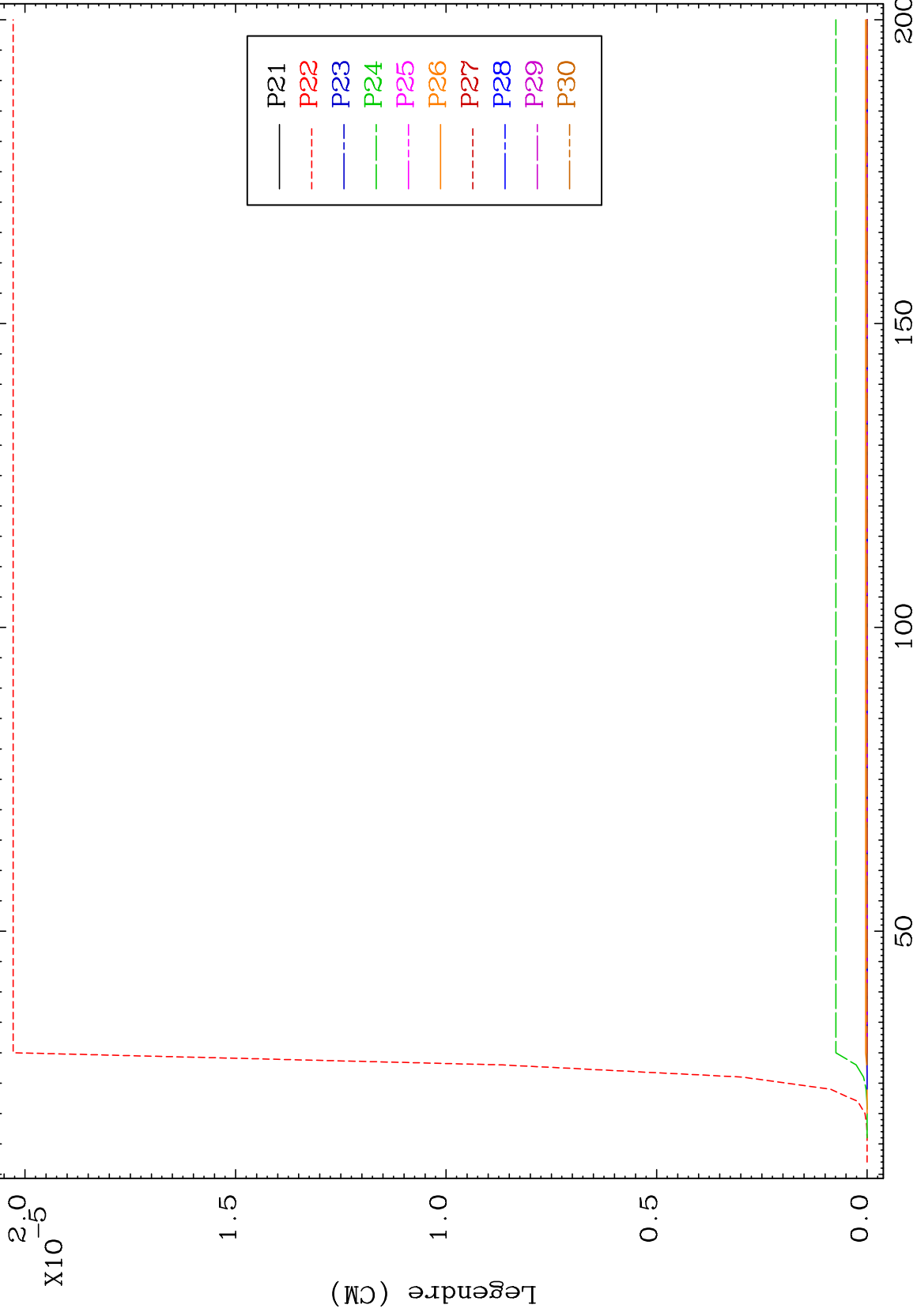
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



47

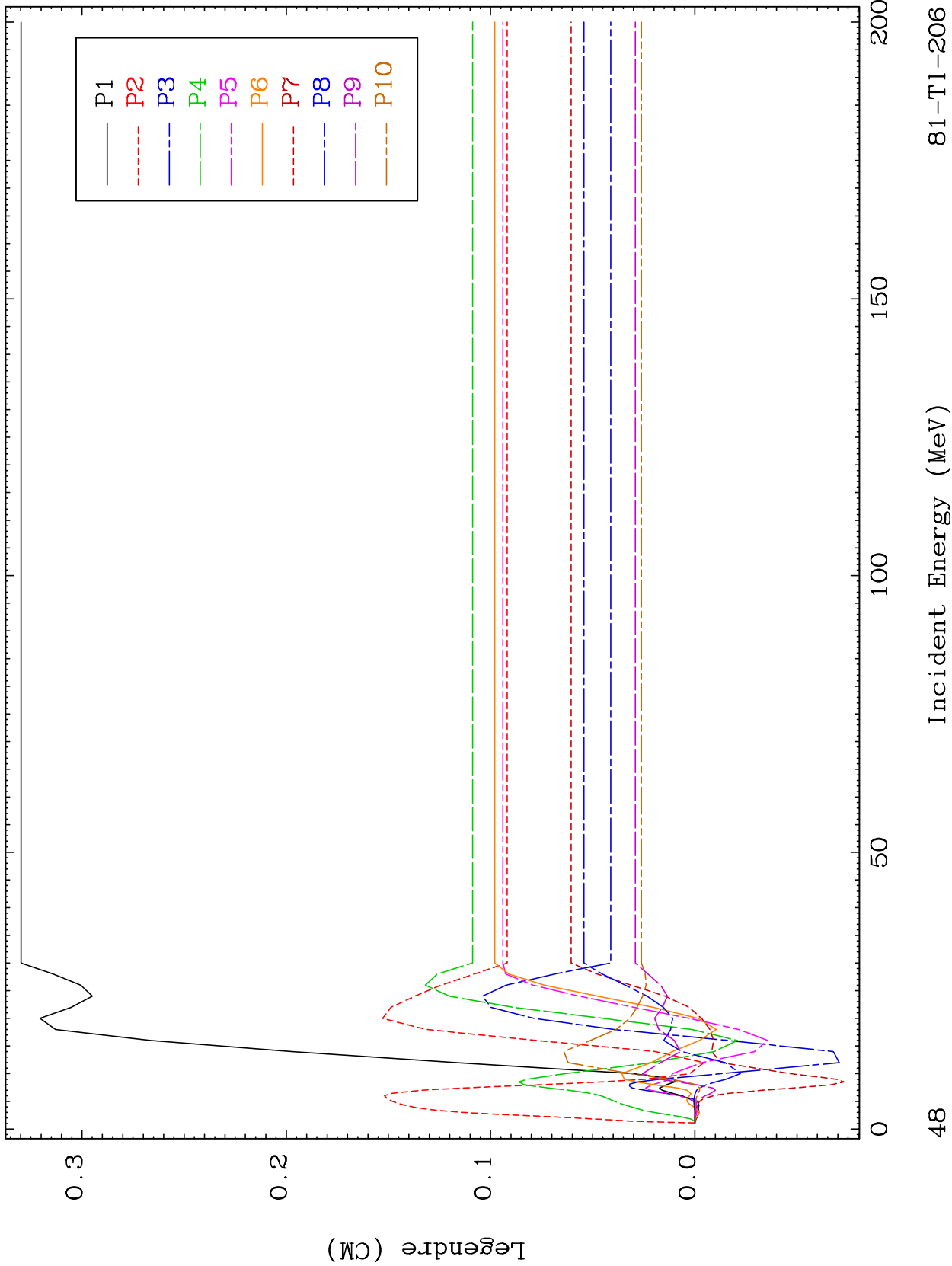
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



81-T1-206

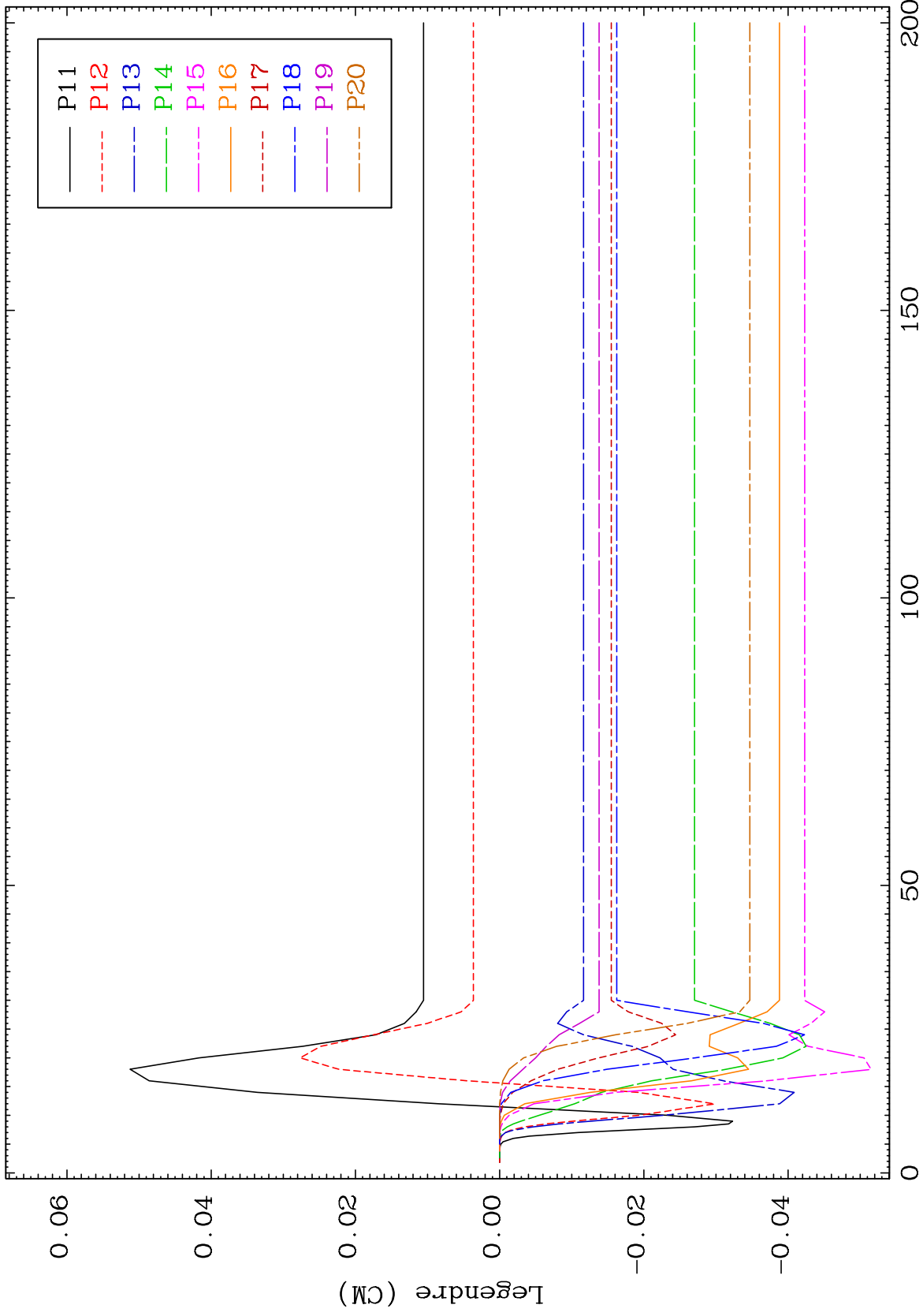
Incident Energy (MeV)

48

MAT 8134

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

81-T1-206



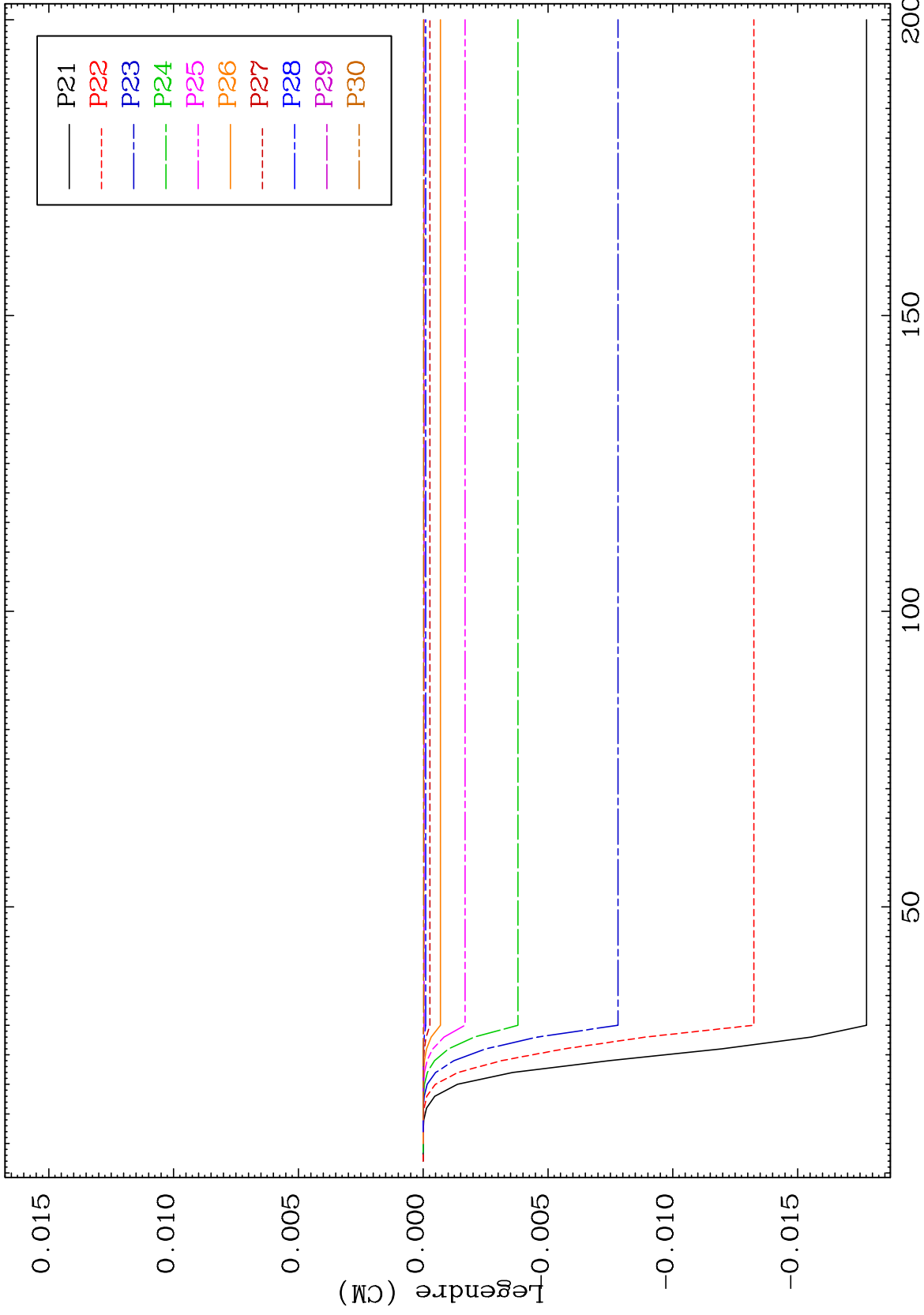
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81-T1-206

MAT 8134

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

81-T1-206

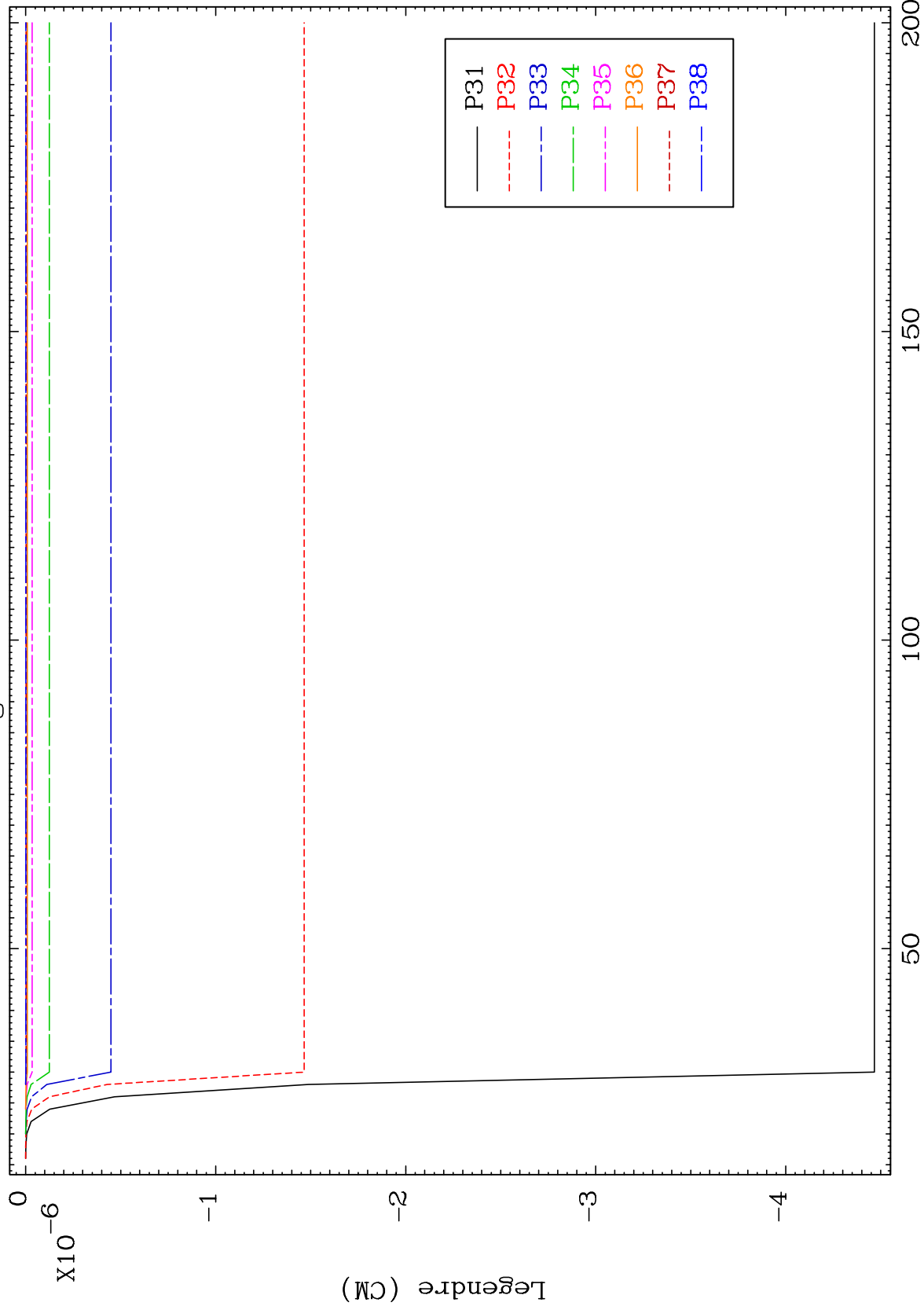


50

Incident Energy (MeV)

81-T1-206

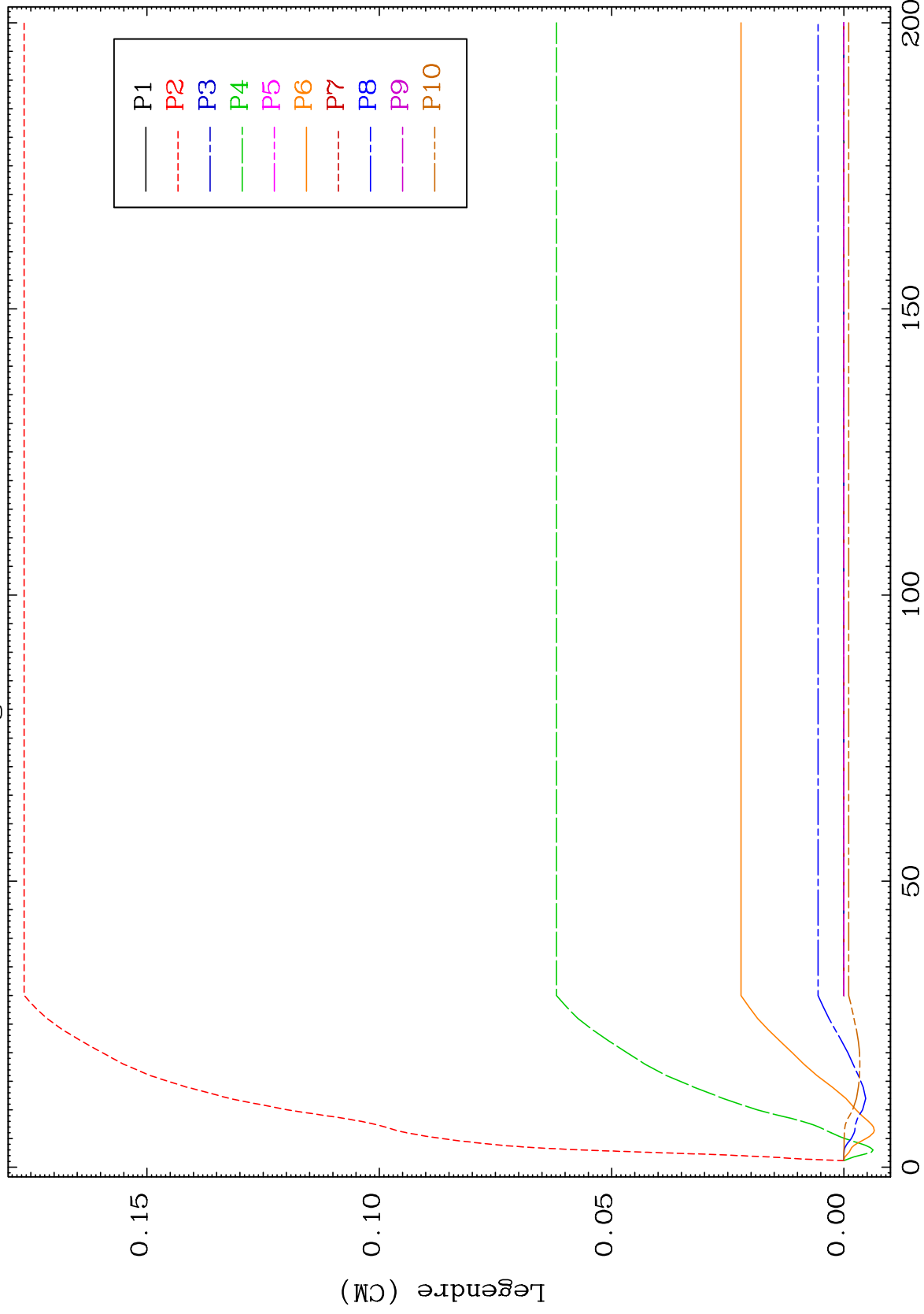
Legendre Coefficients



MAT 8134

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

81-T1-206



52

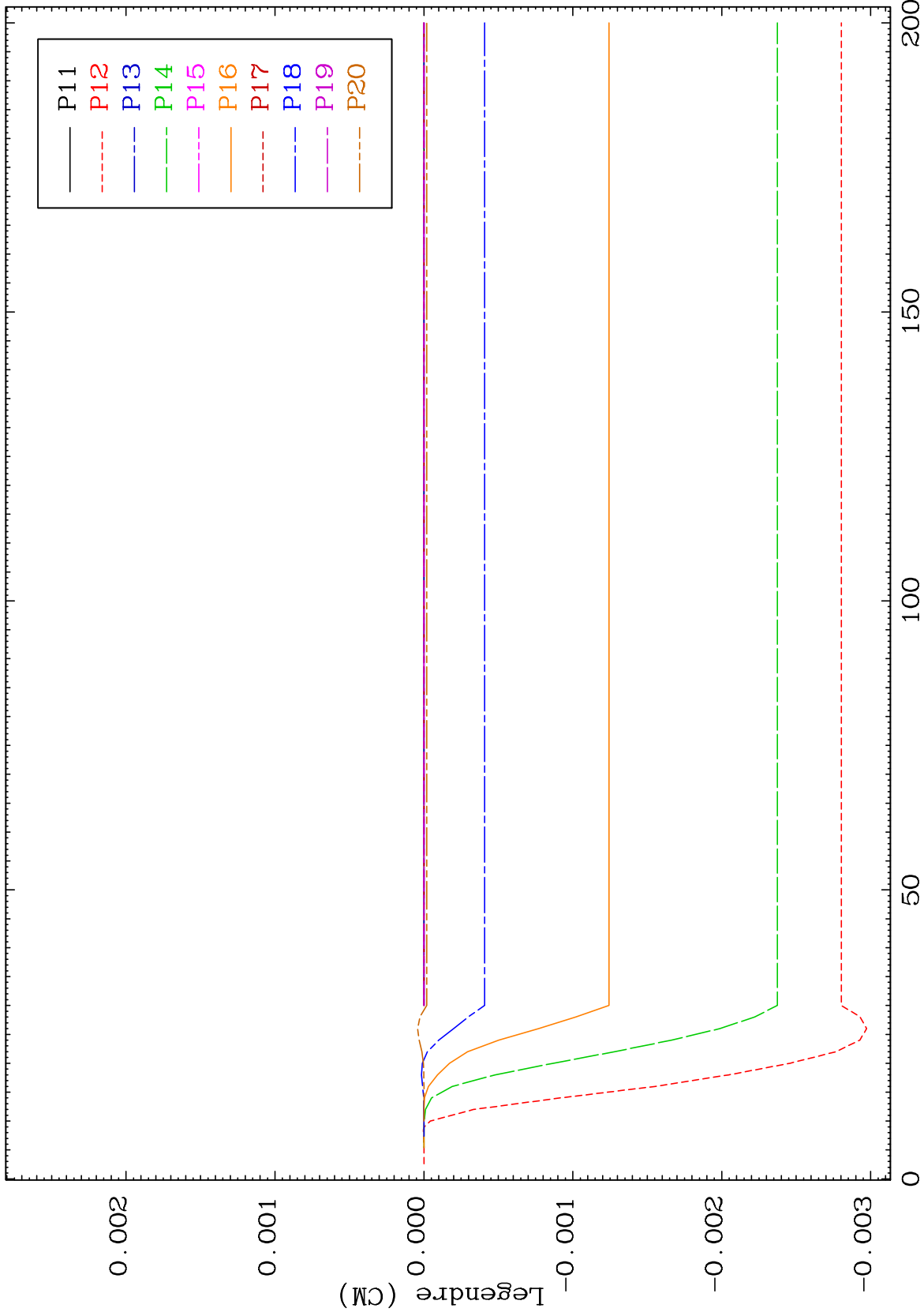
Incident Energy (MeV)

81-T1-206

MAT 8134

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

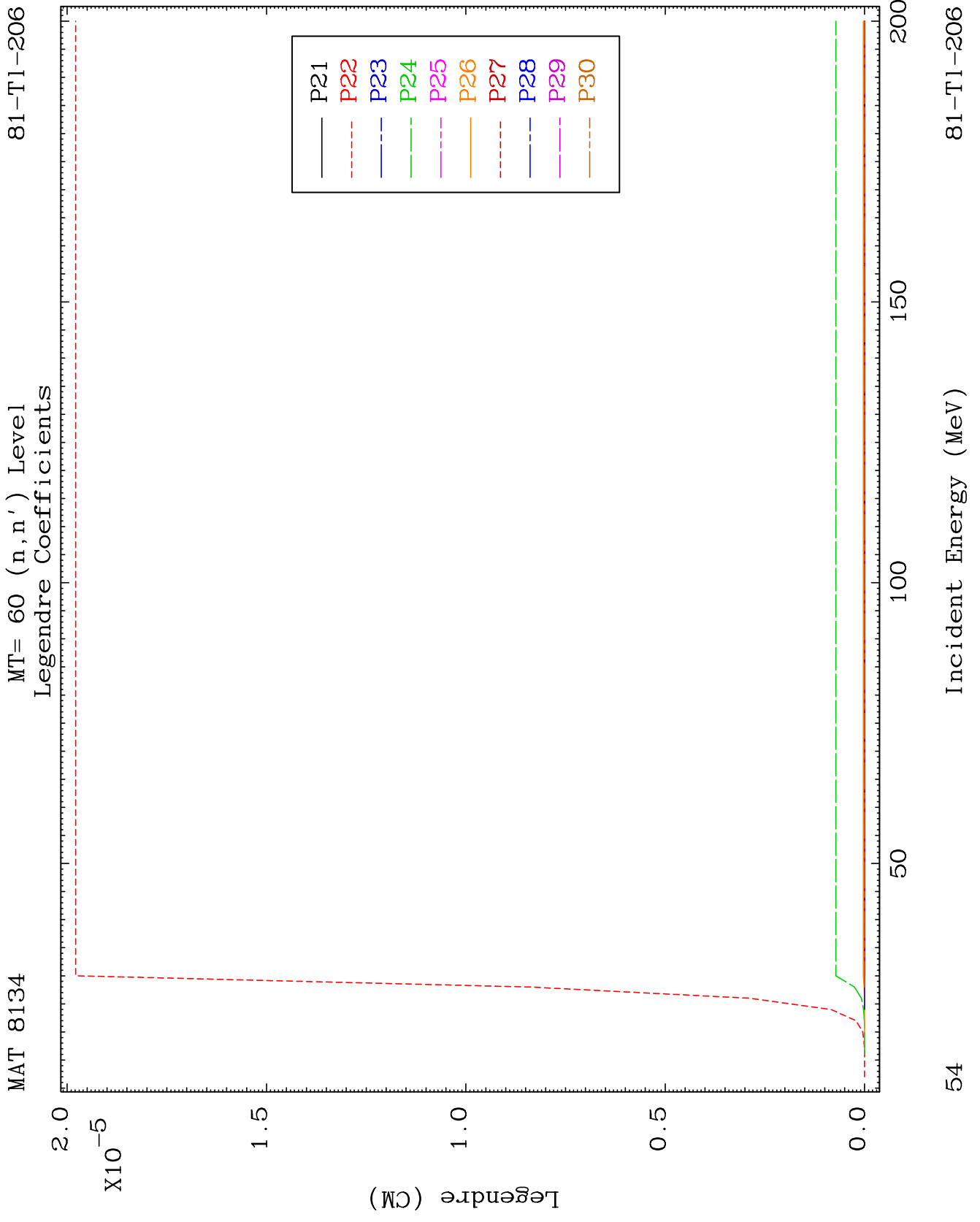
81-T1-206



53

Incident Energy (MeV)

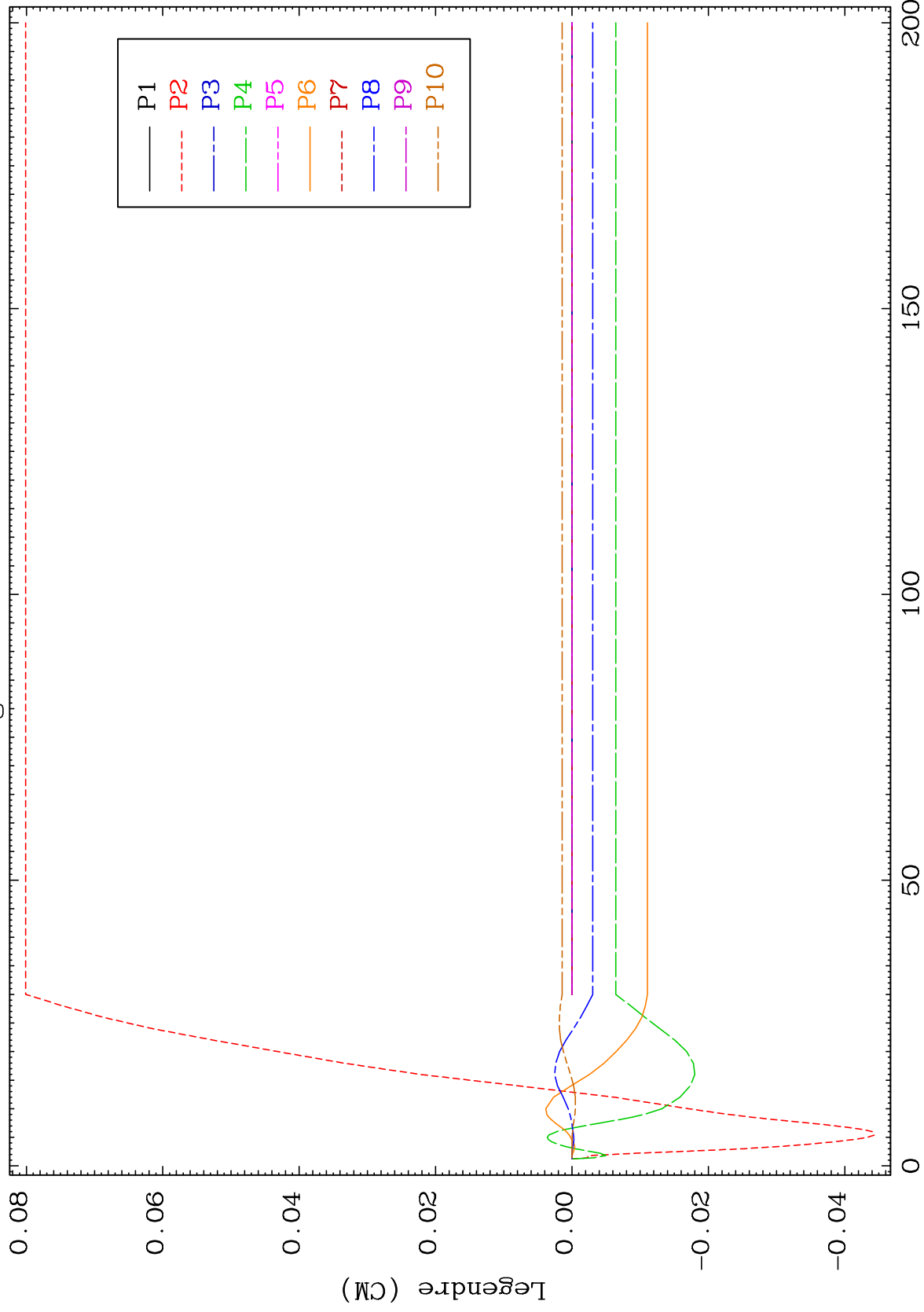
81-T1-206



MAT 8134

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

81-T1-206



81-T1-206

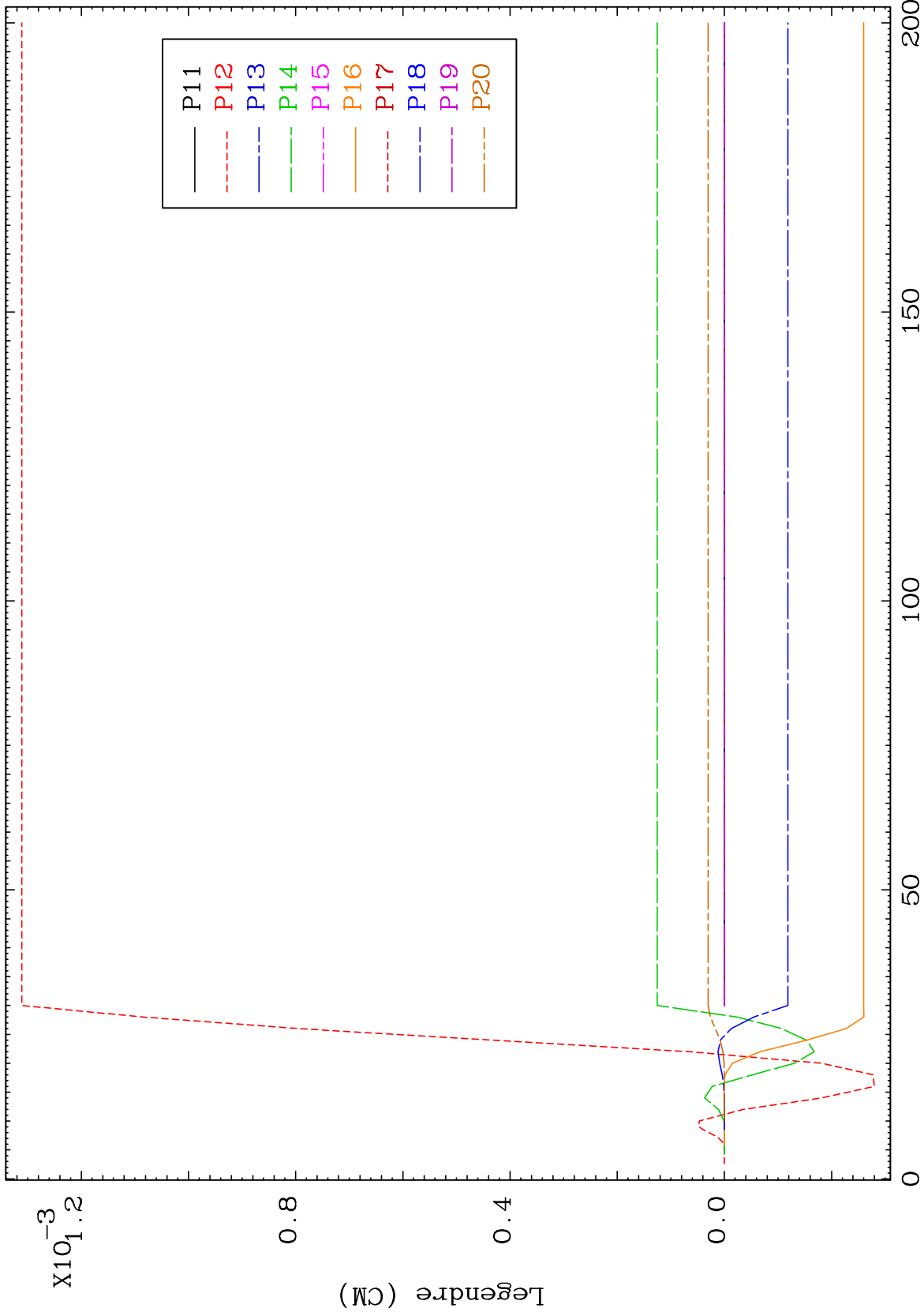
Incident Energy (MeV)

55

MAT 8134

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

81-T1-206



56

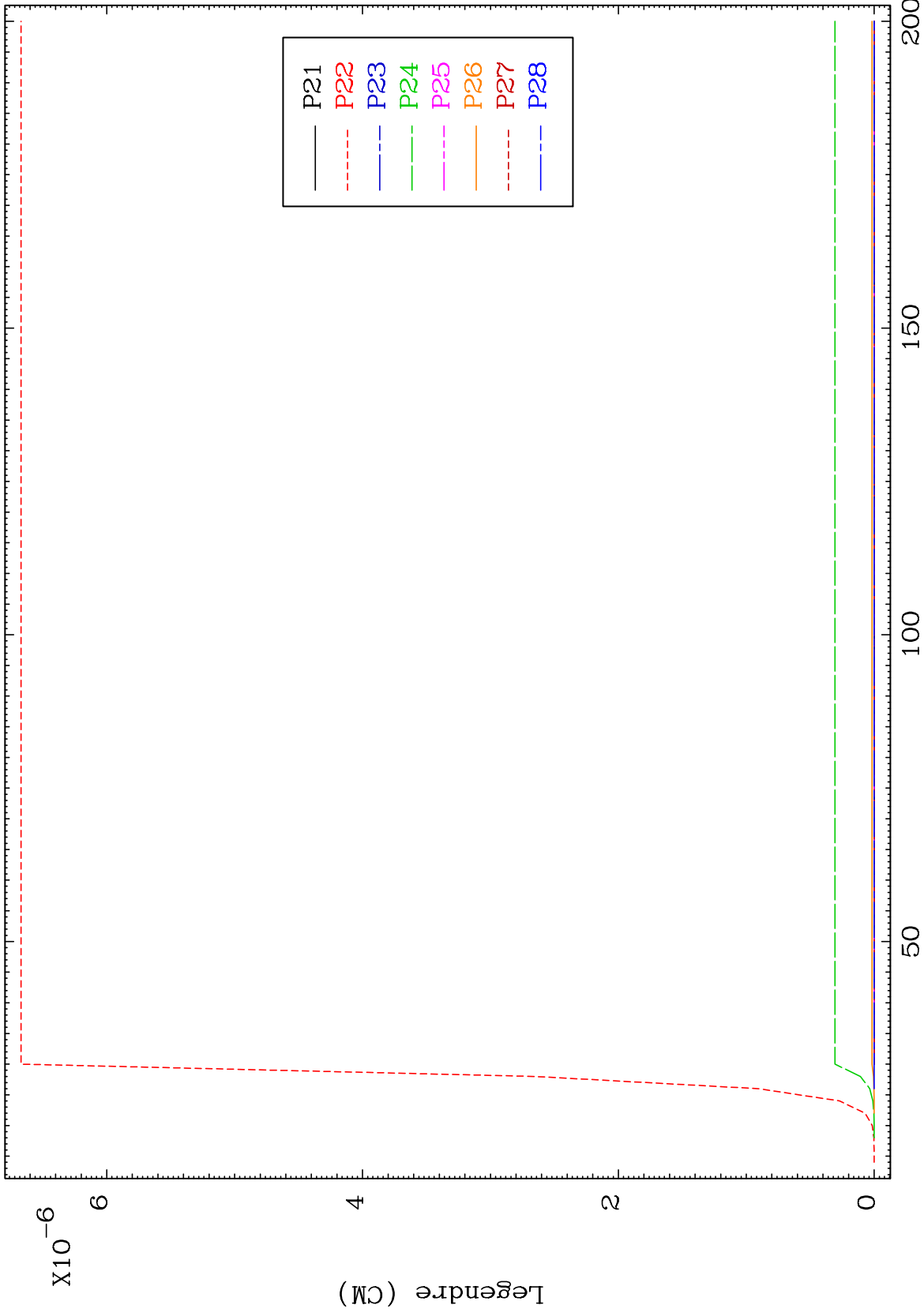
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



57

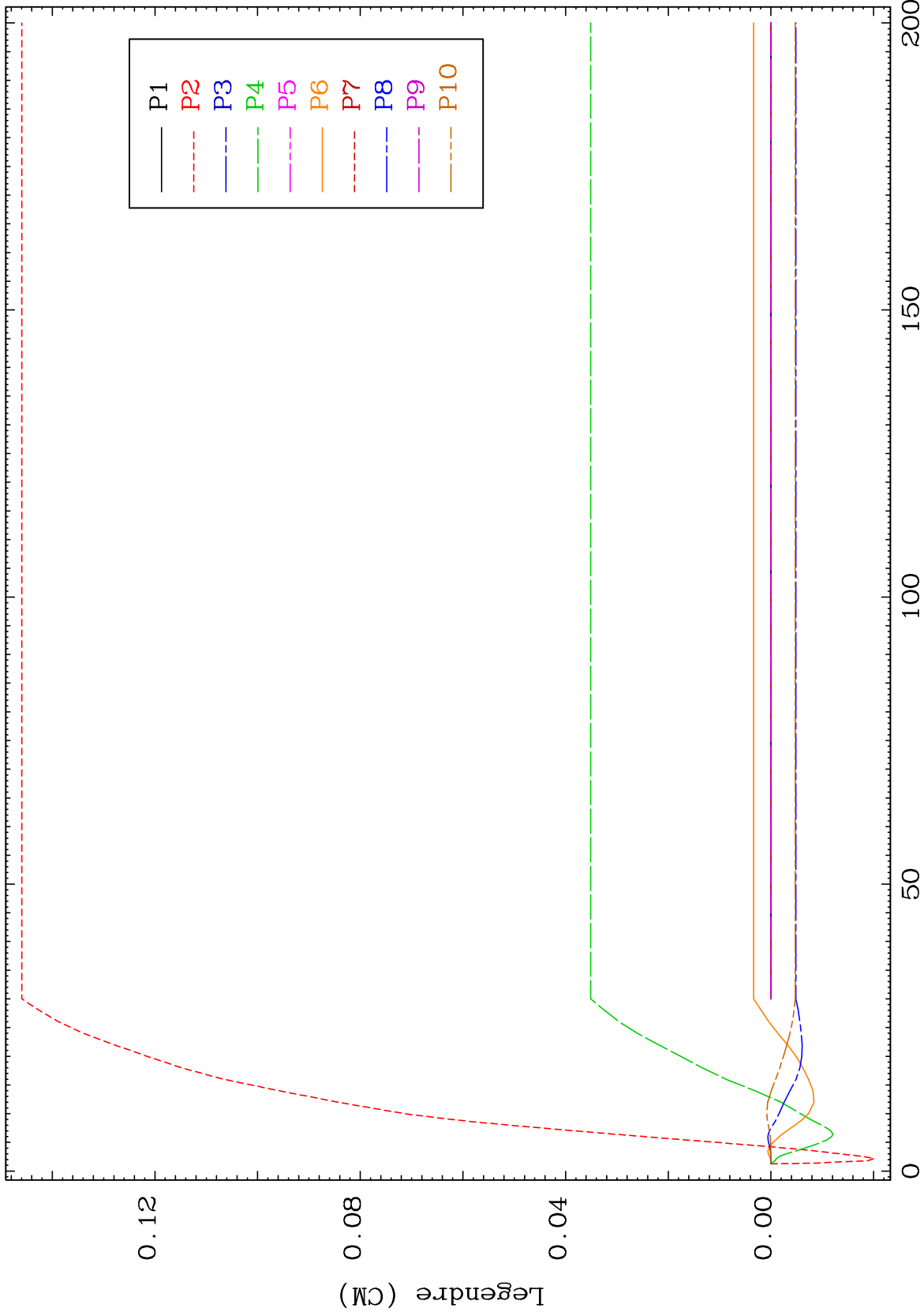
Incident Energy (MeV)

81-T1-206

MAT 8134

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

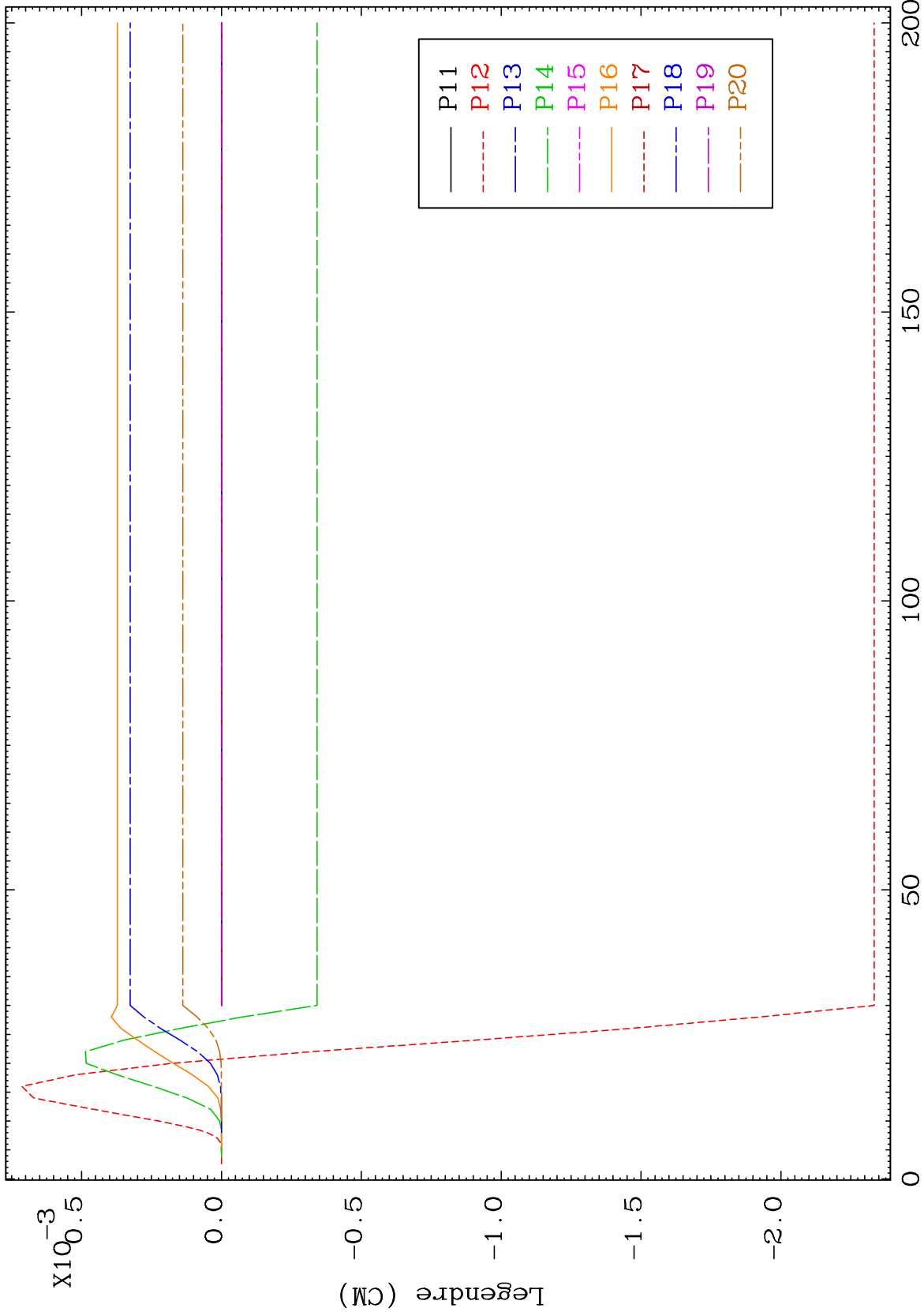
81-T1-206



58

Incident Energy (MeV)

81-T1-206

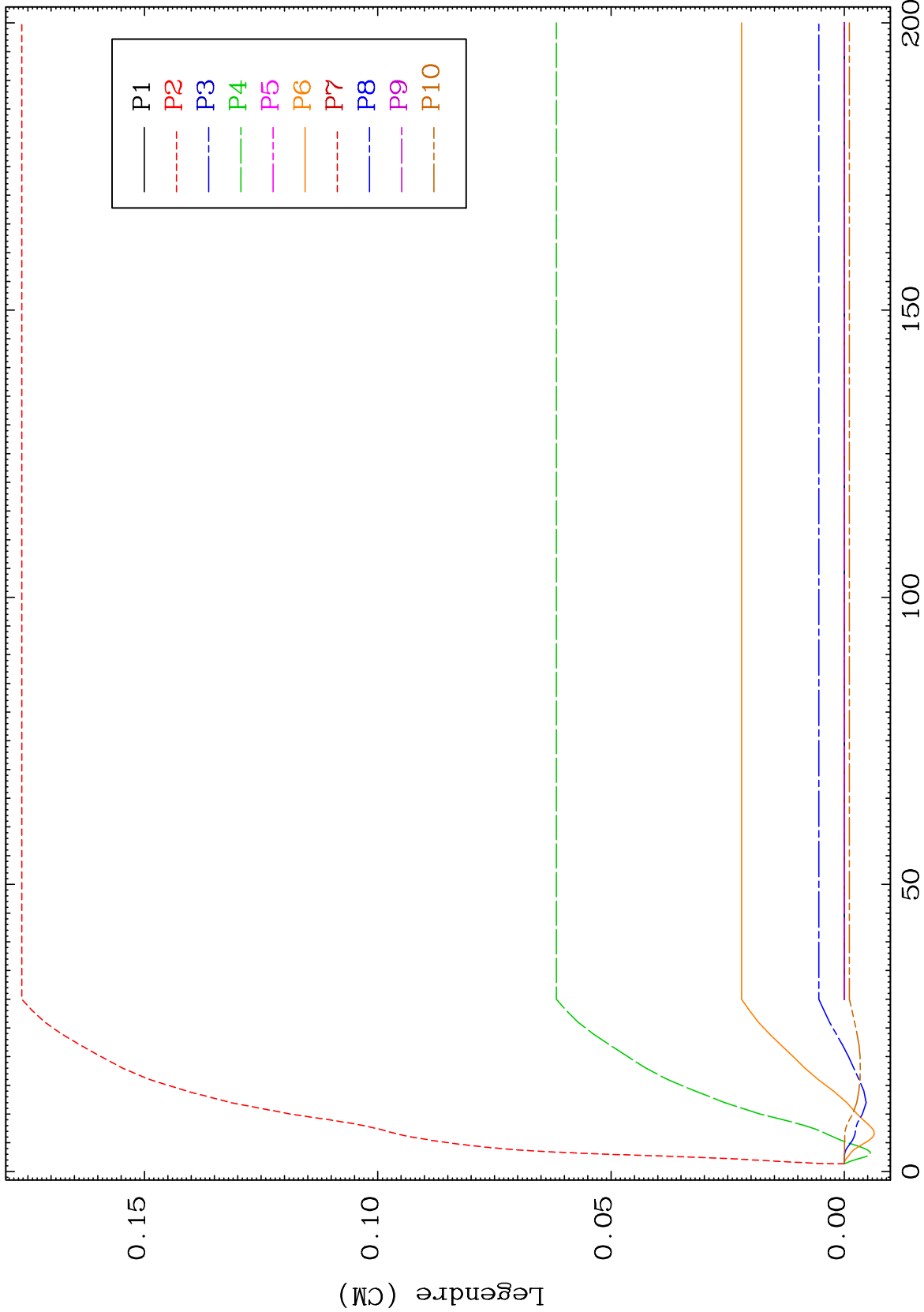




MAT 8134

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

81-T1-206



61

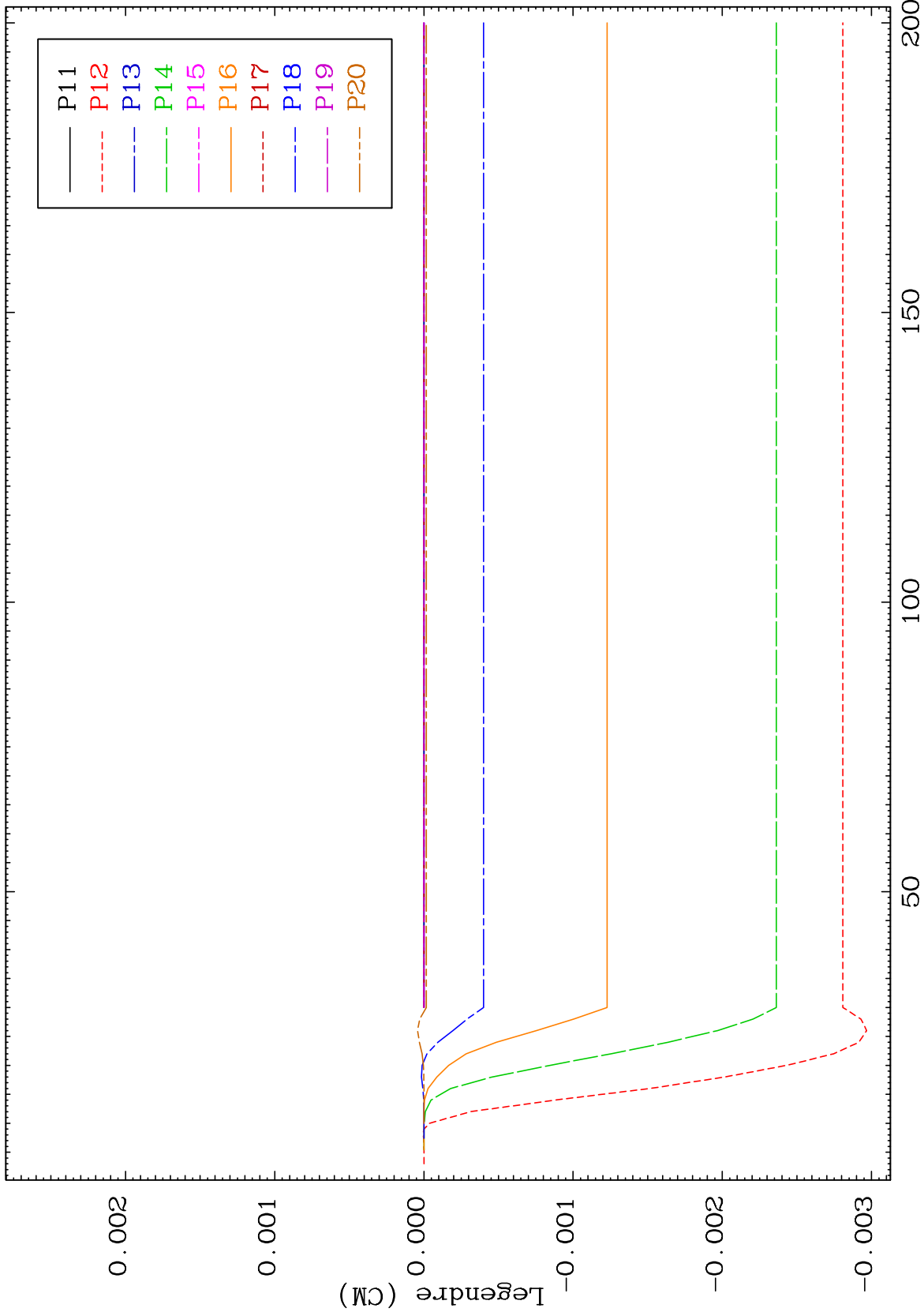
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



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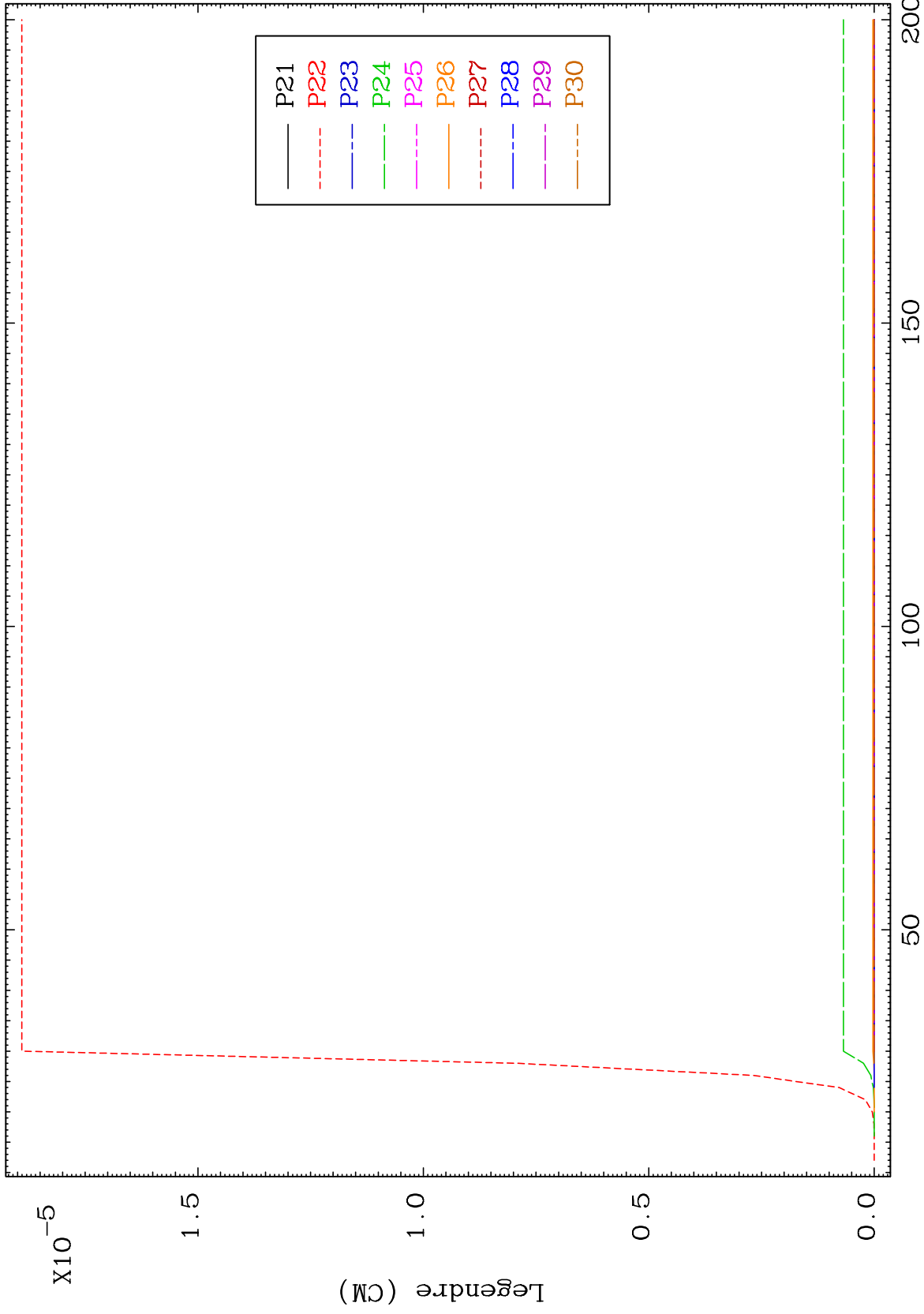
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



63

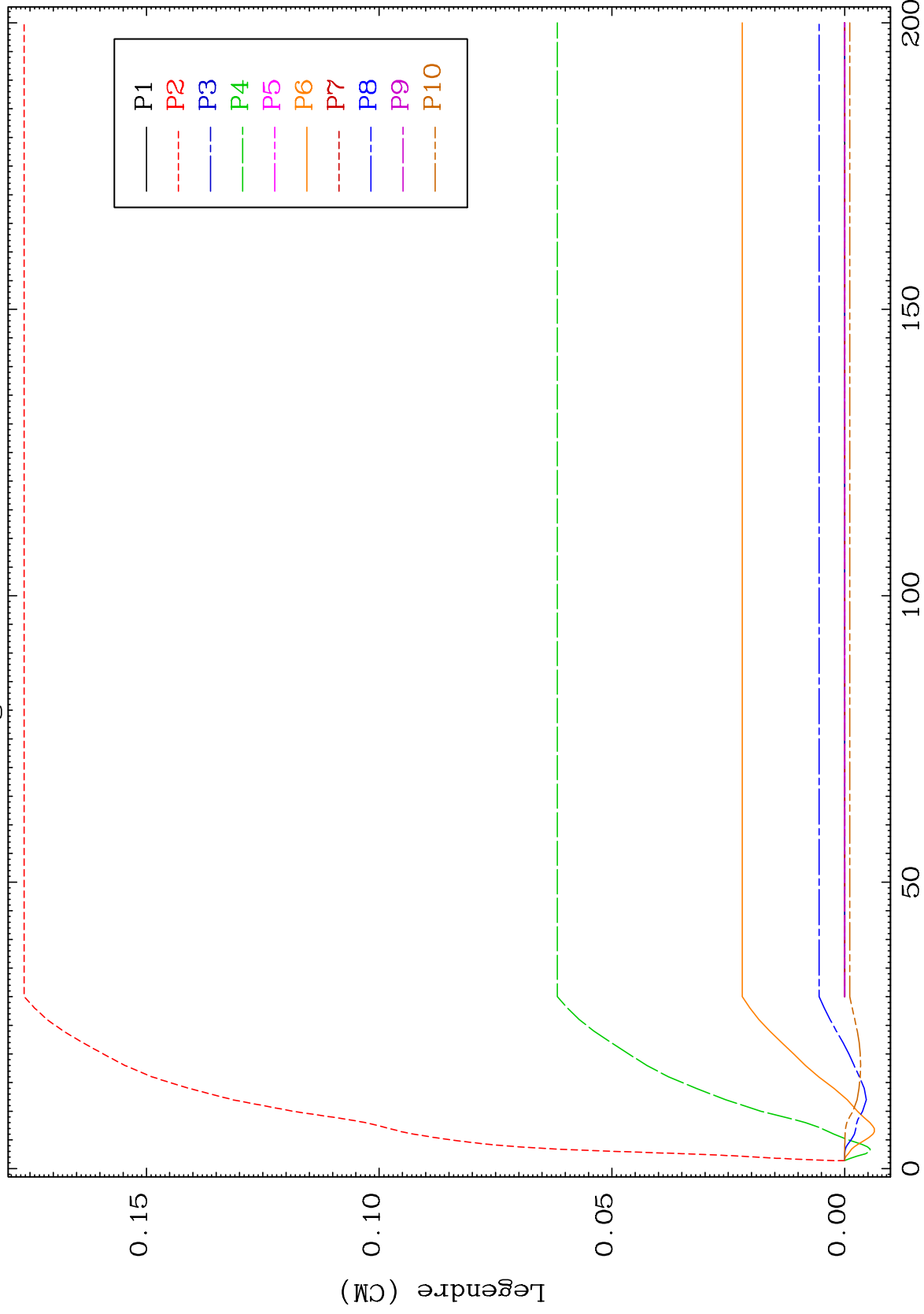
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



64

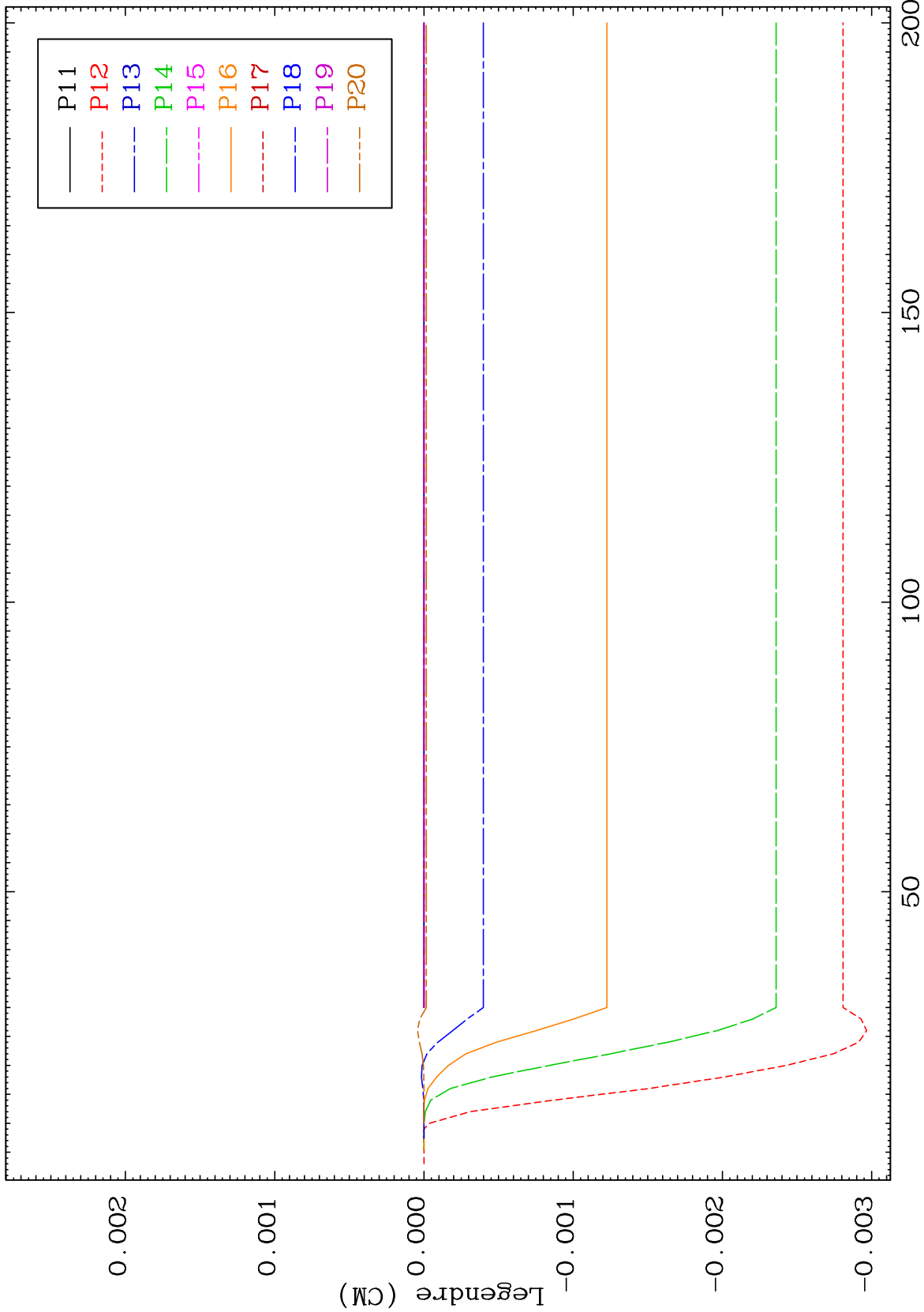
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



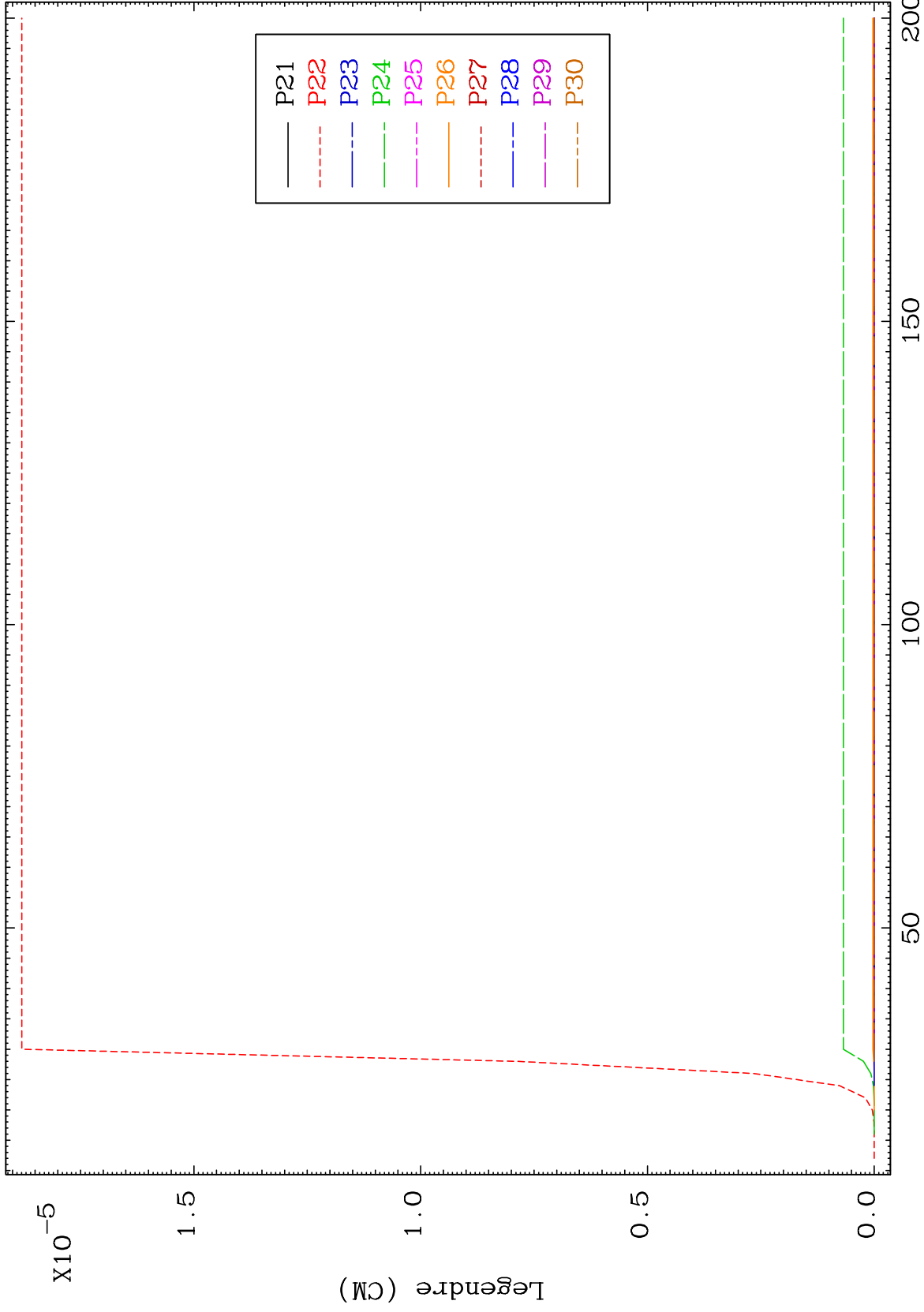
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81-T1-206

MAT 8134

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

81-T1-206



66

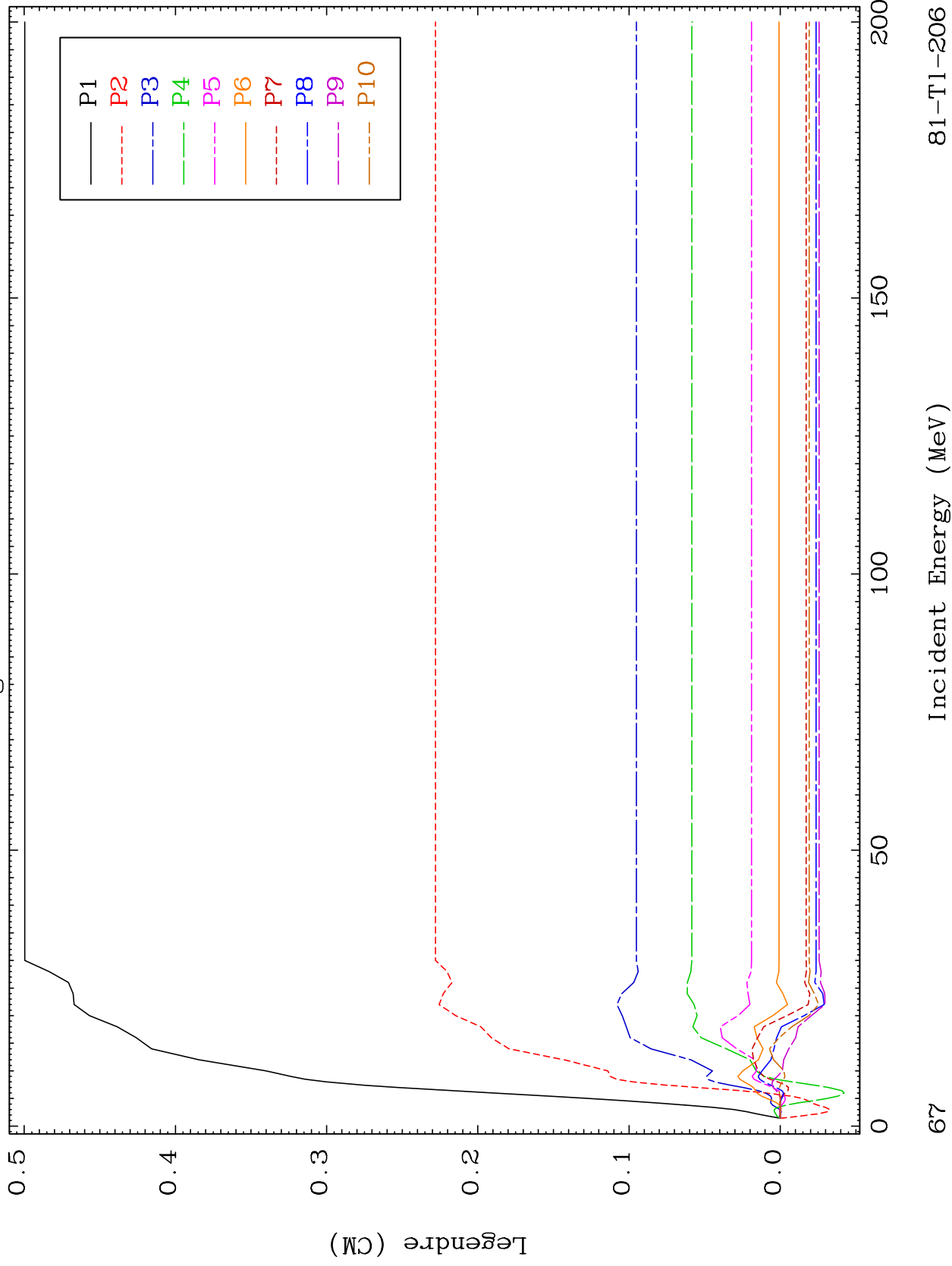
Incident Energy (MeV)

81-T1-206

MAT 8134

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

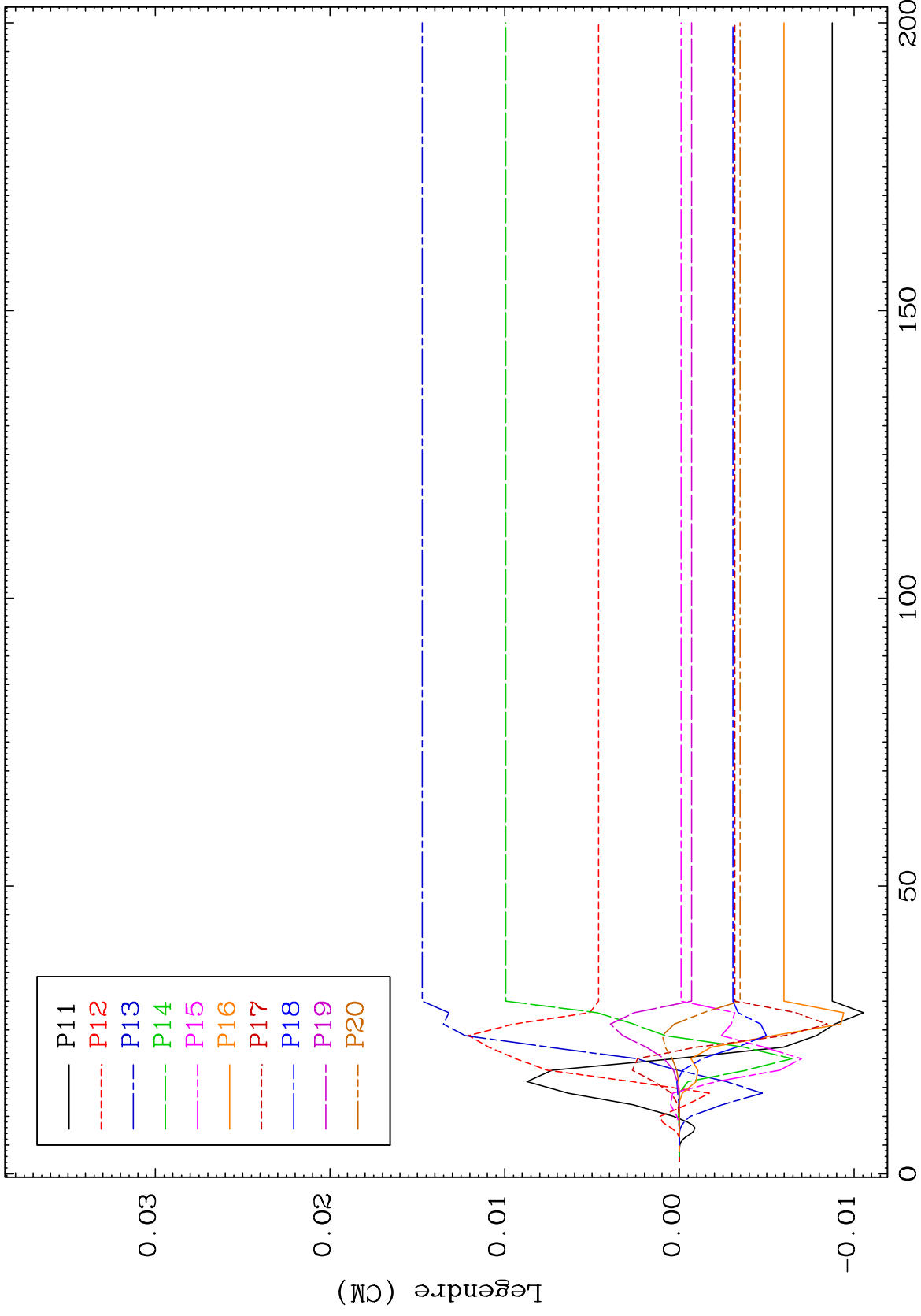
81-T1-206



MAT 8134

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

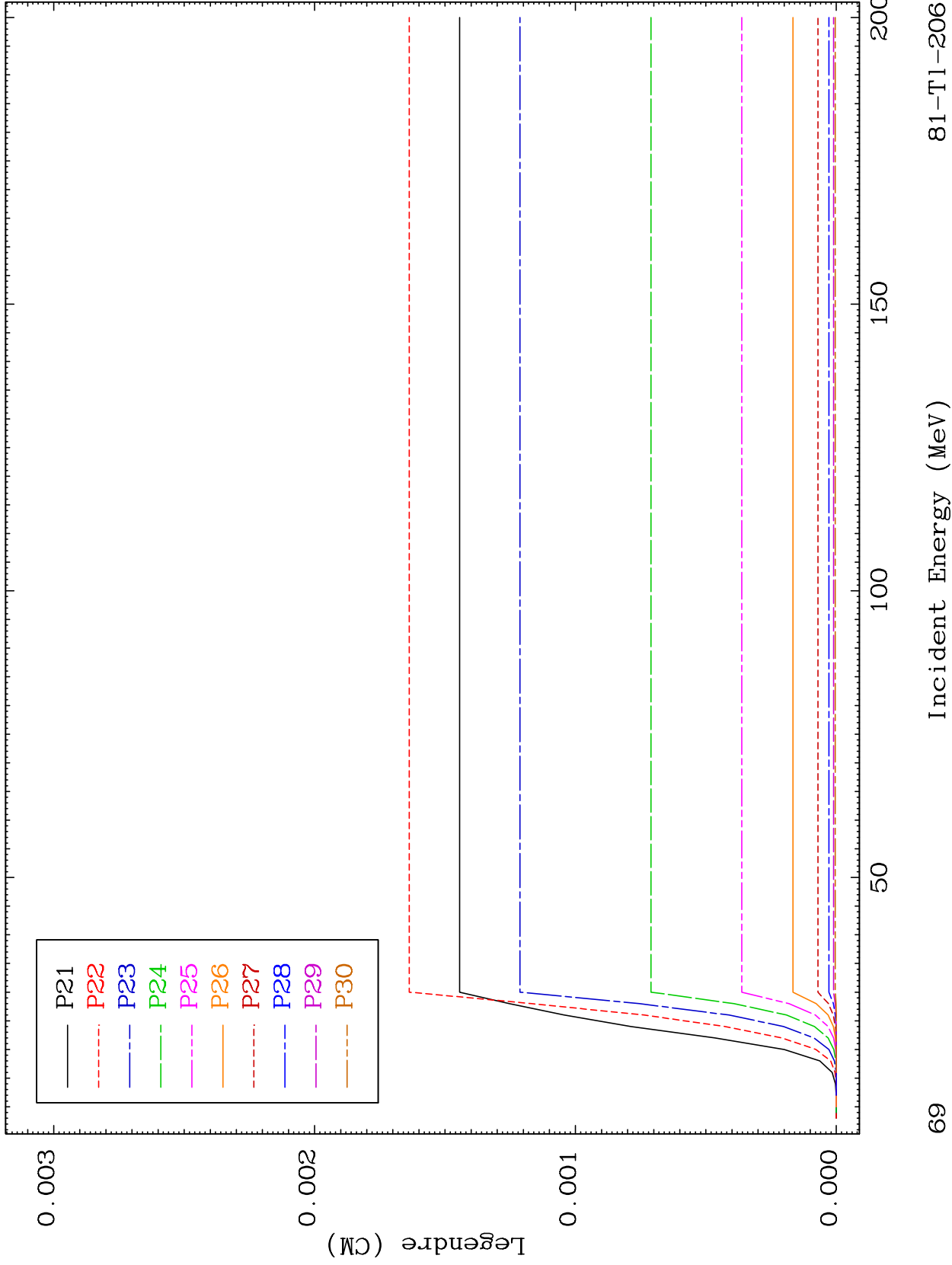
81-T1-206



68

Incident Energy (MeV)

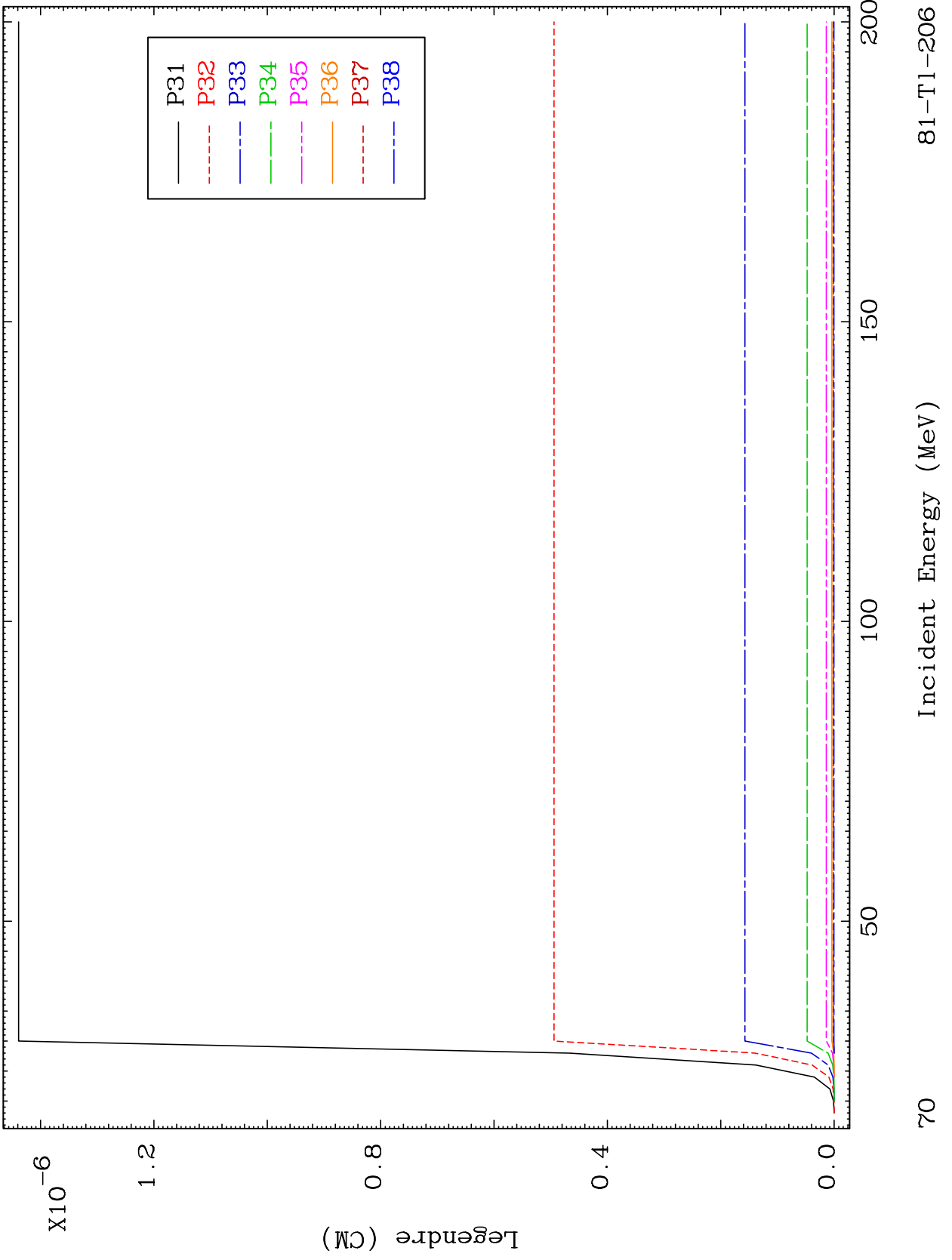
81-T1-206



MAT 8134

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

81-T1-206



81-T1-206

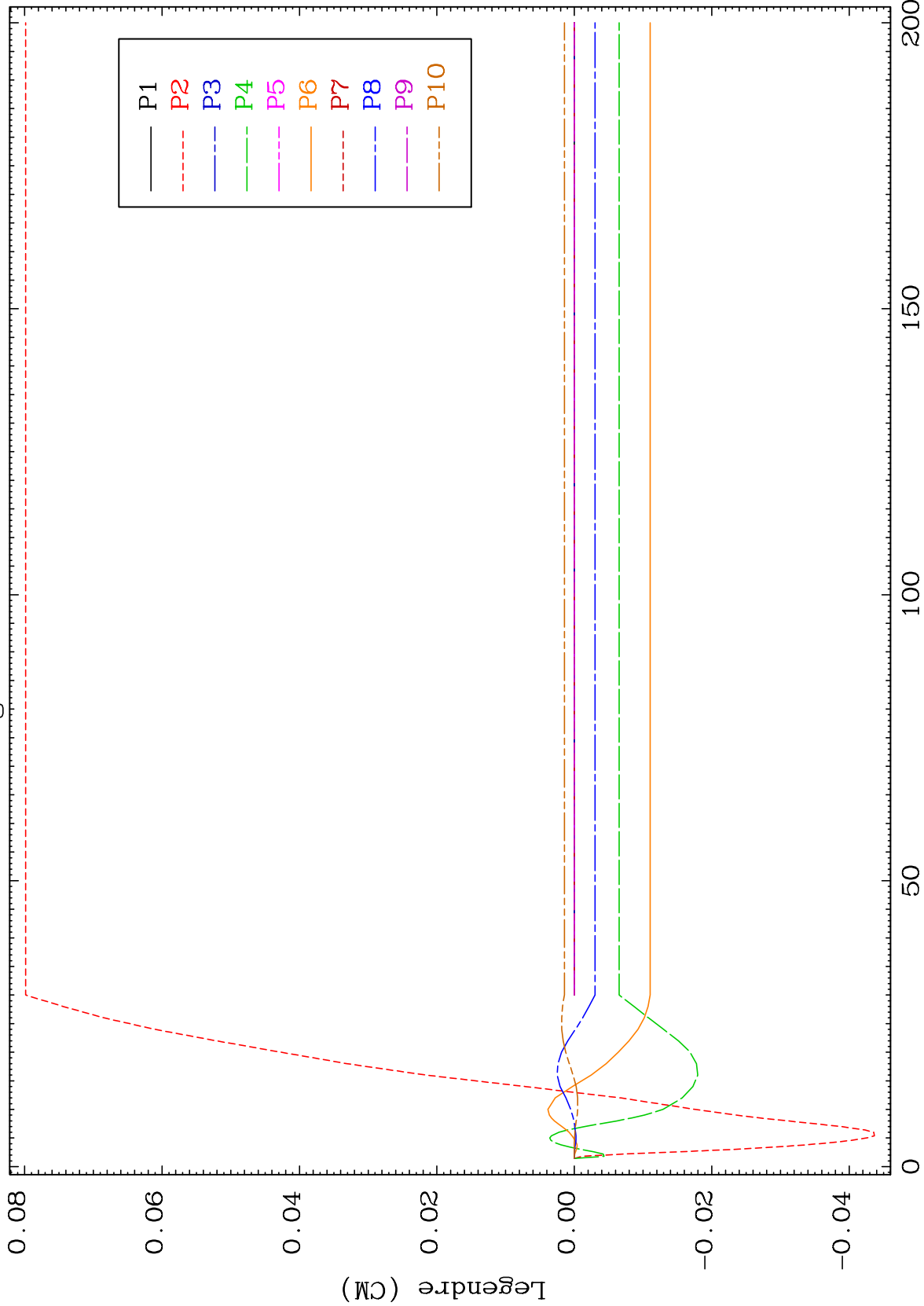
Incident Energy (MeV)

70

MAT 8134

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

81-T1-206



71

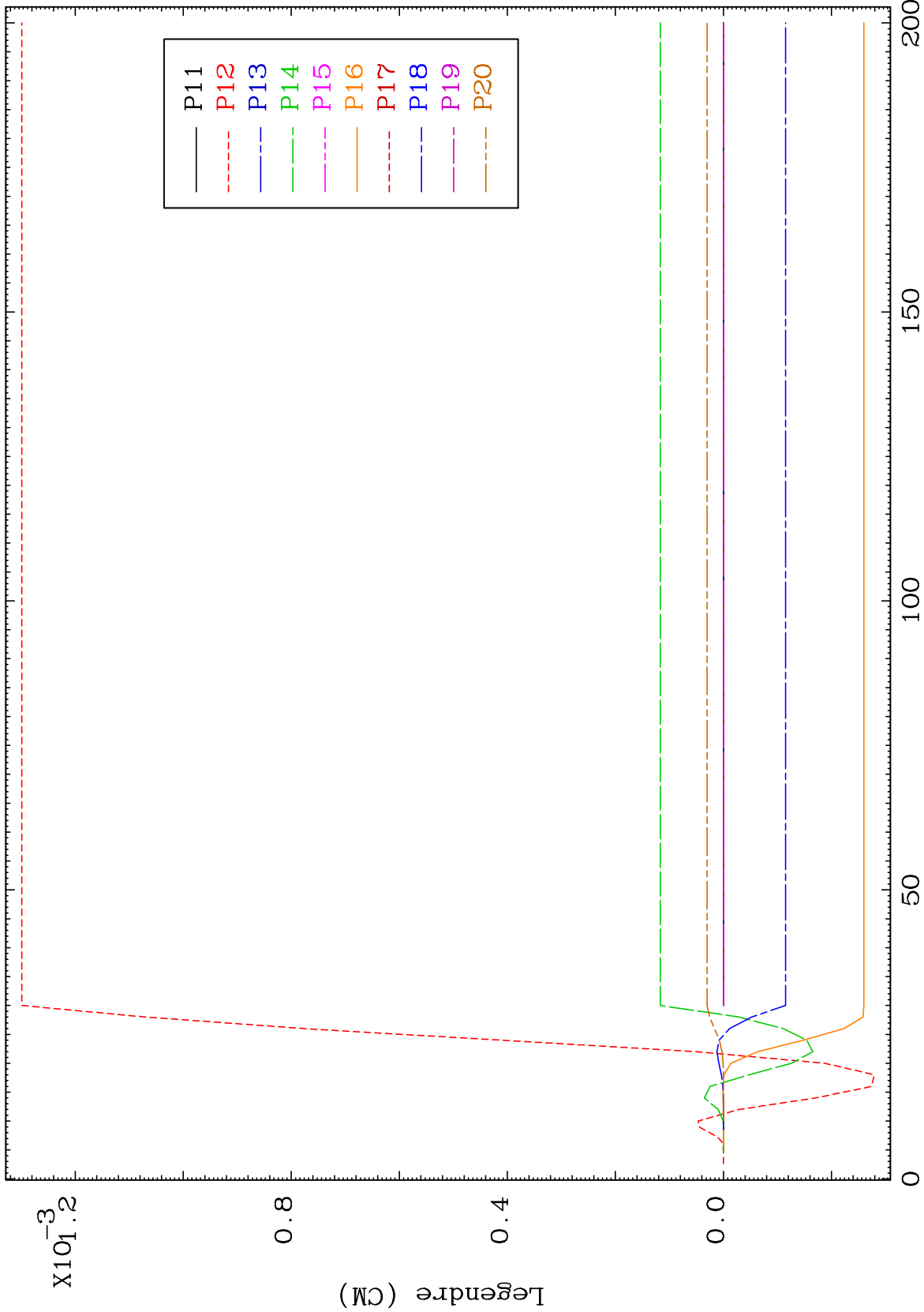
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



72

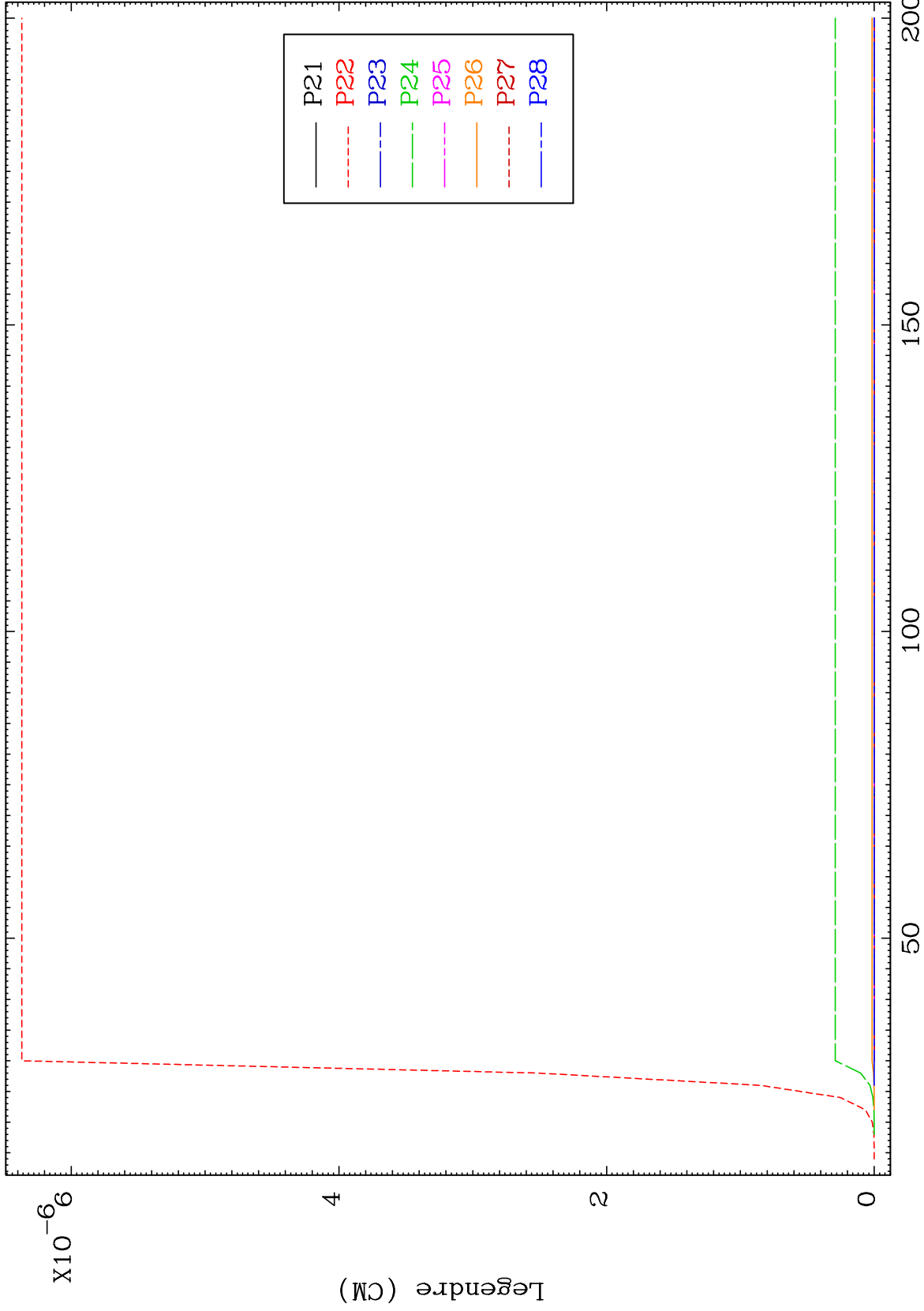
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



73

Incident Energy (MeV)

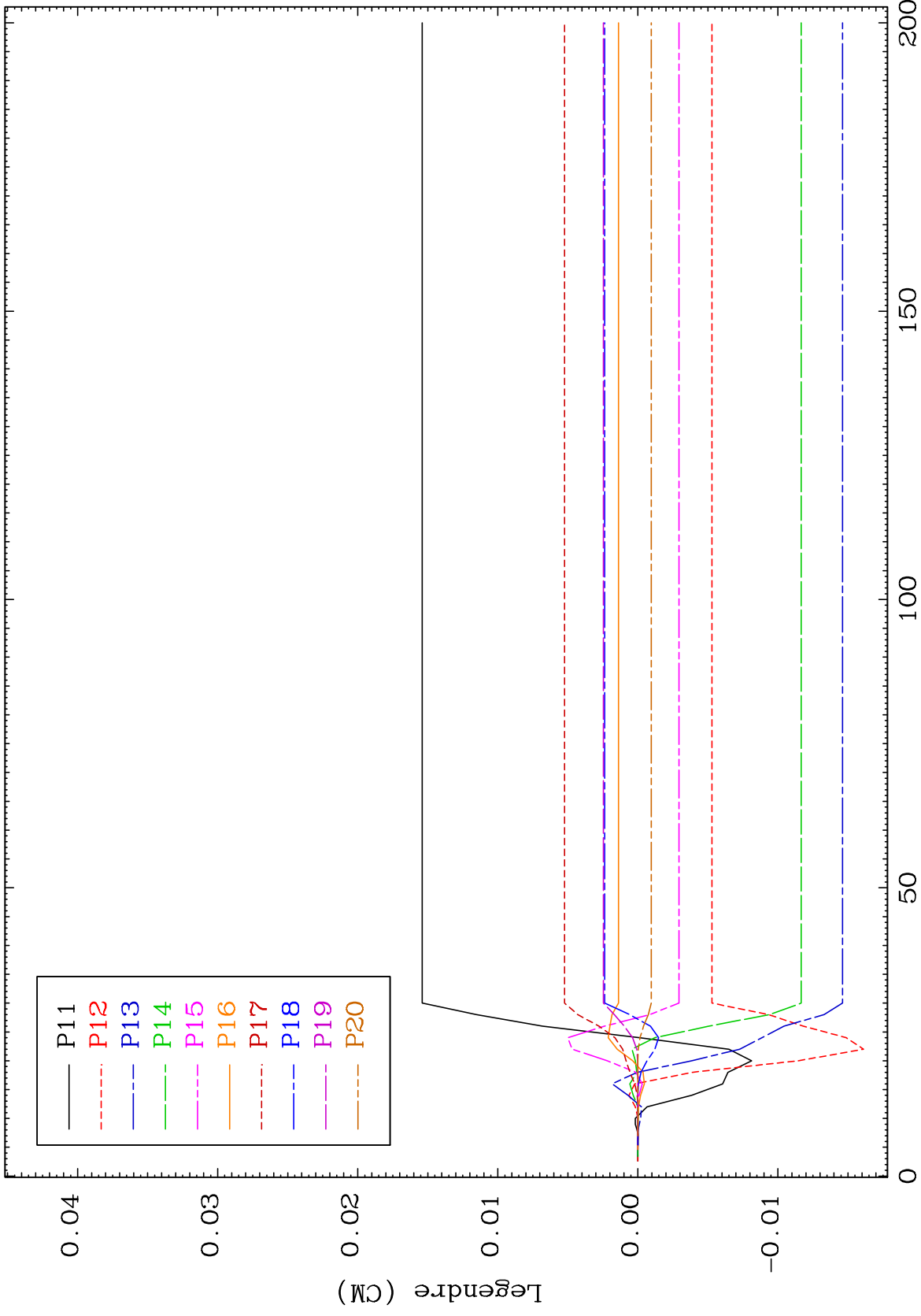
81-T1-206



MAT 8134

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

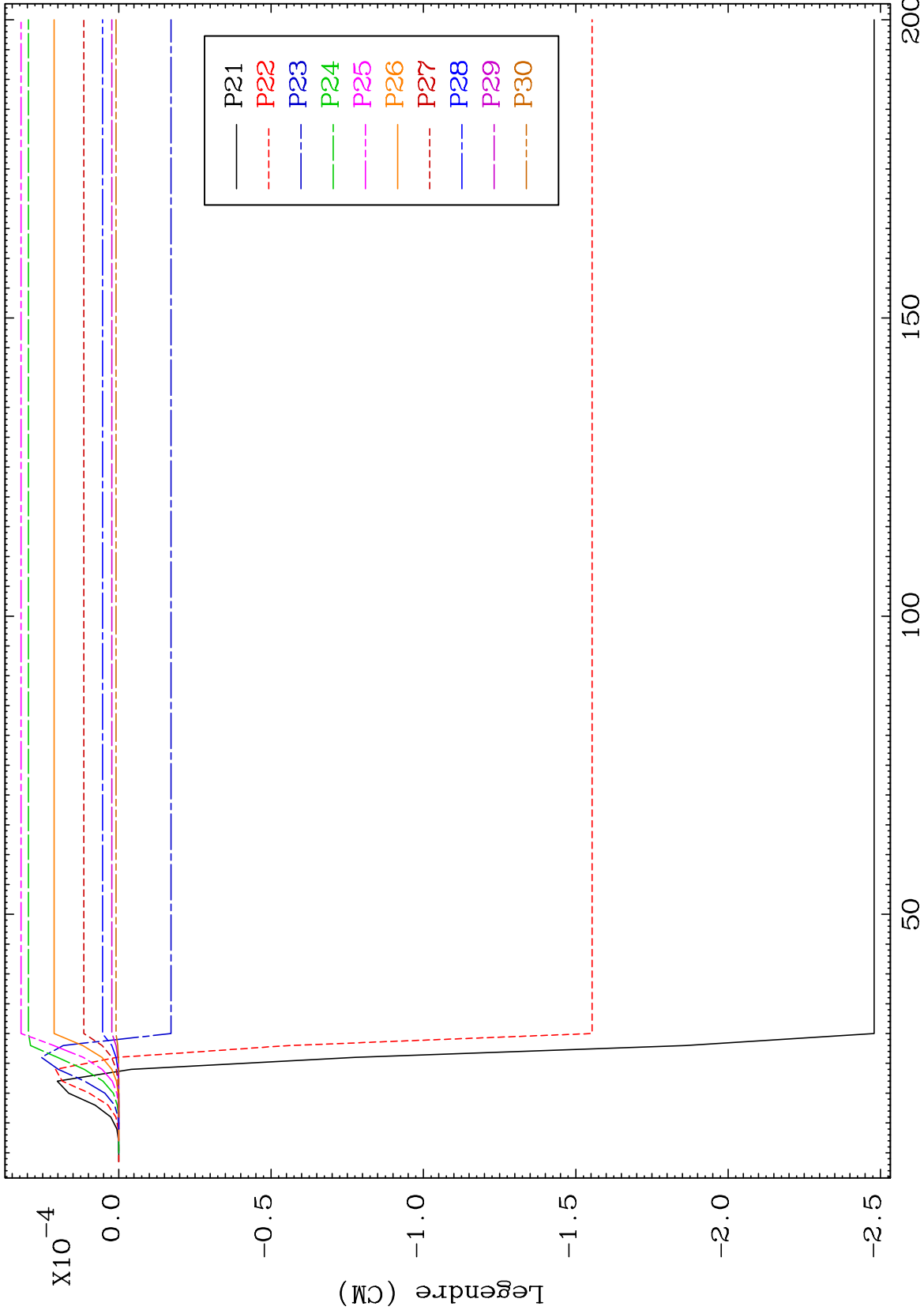
81-T1-206

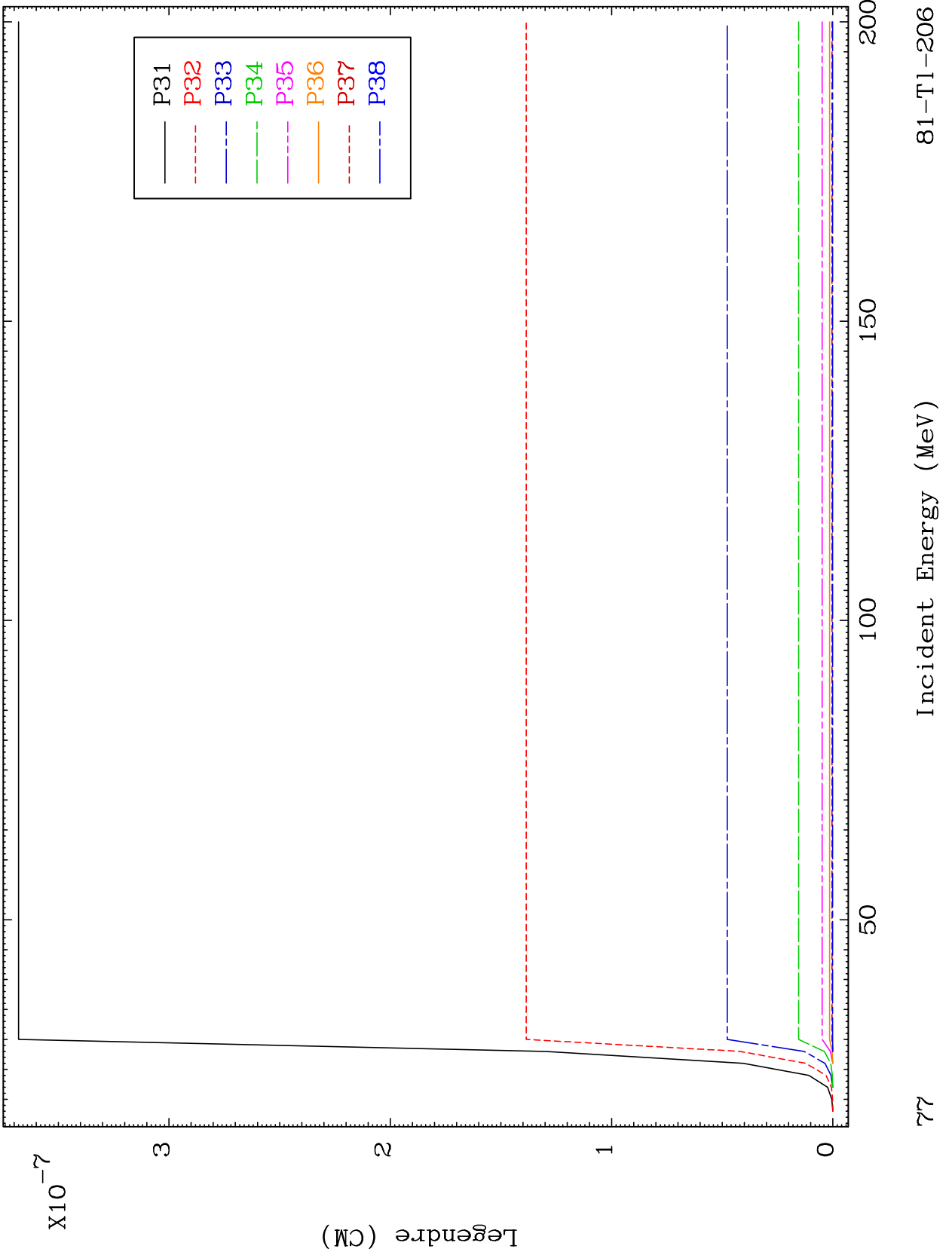


75

Incident Energy (MeV)

81-T1-206

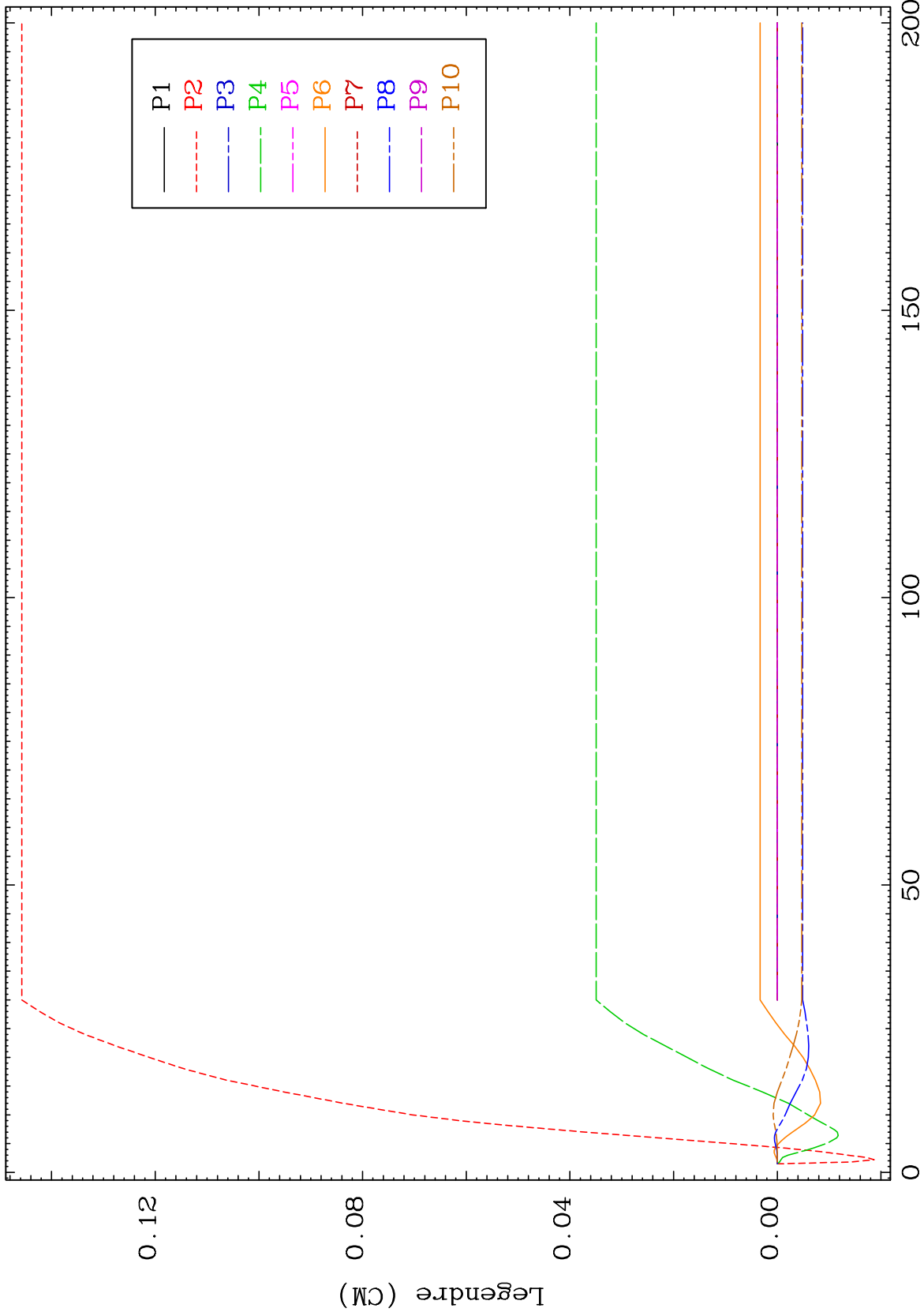




MAT 8134

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

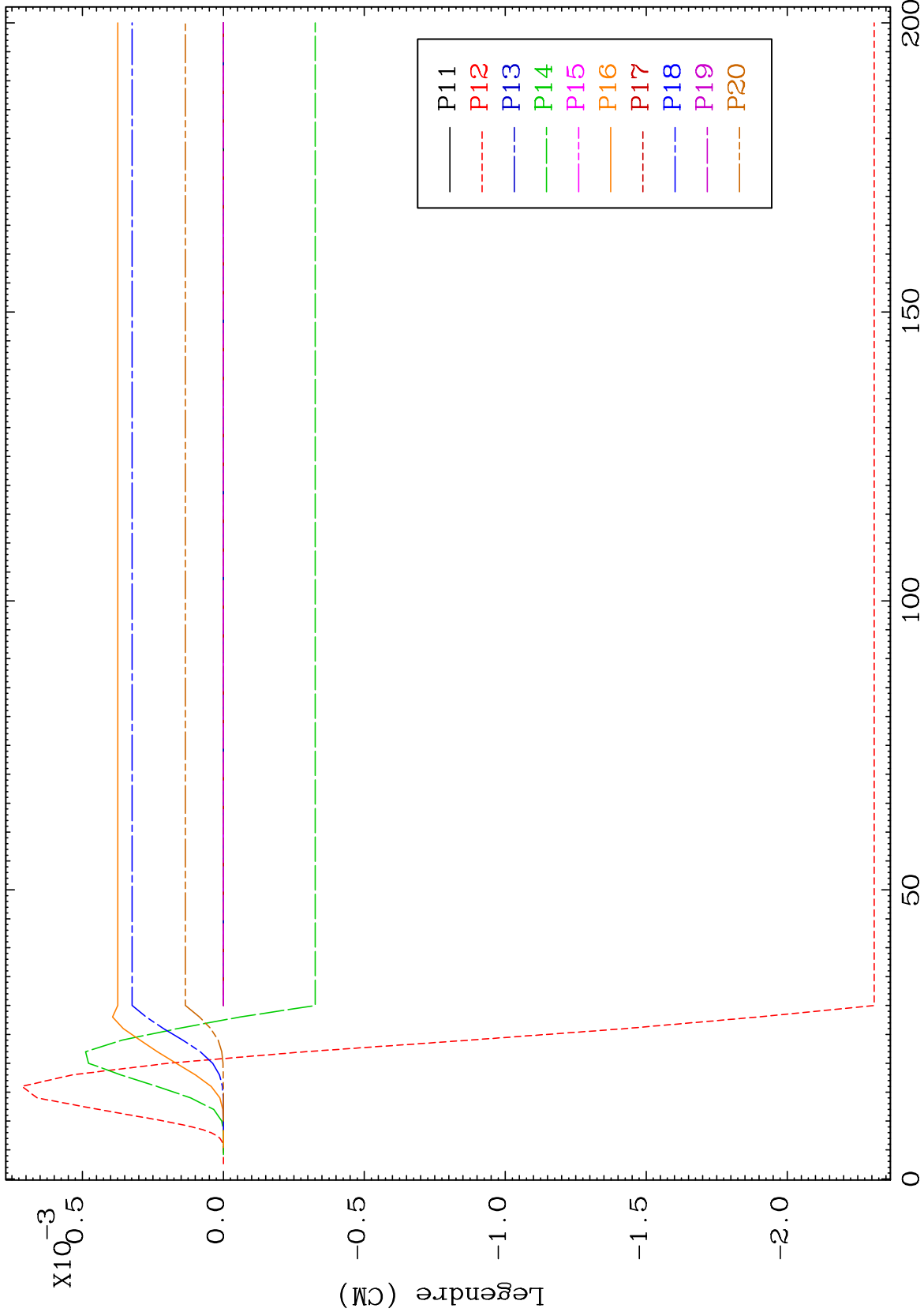
81-T1-206



78

Incident Energy (MeV)

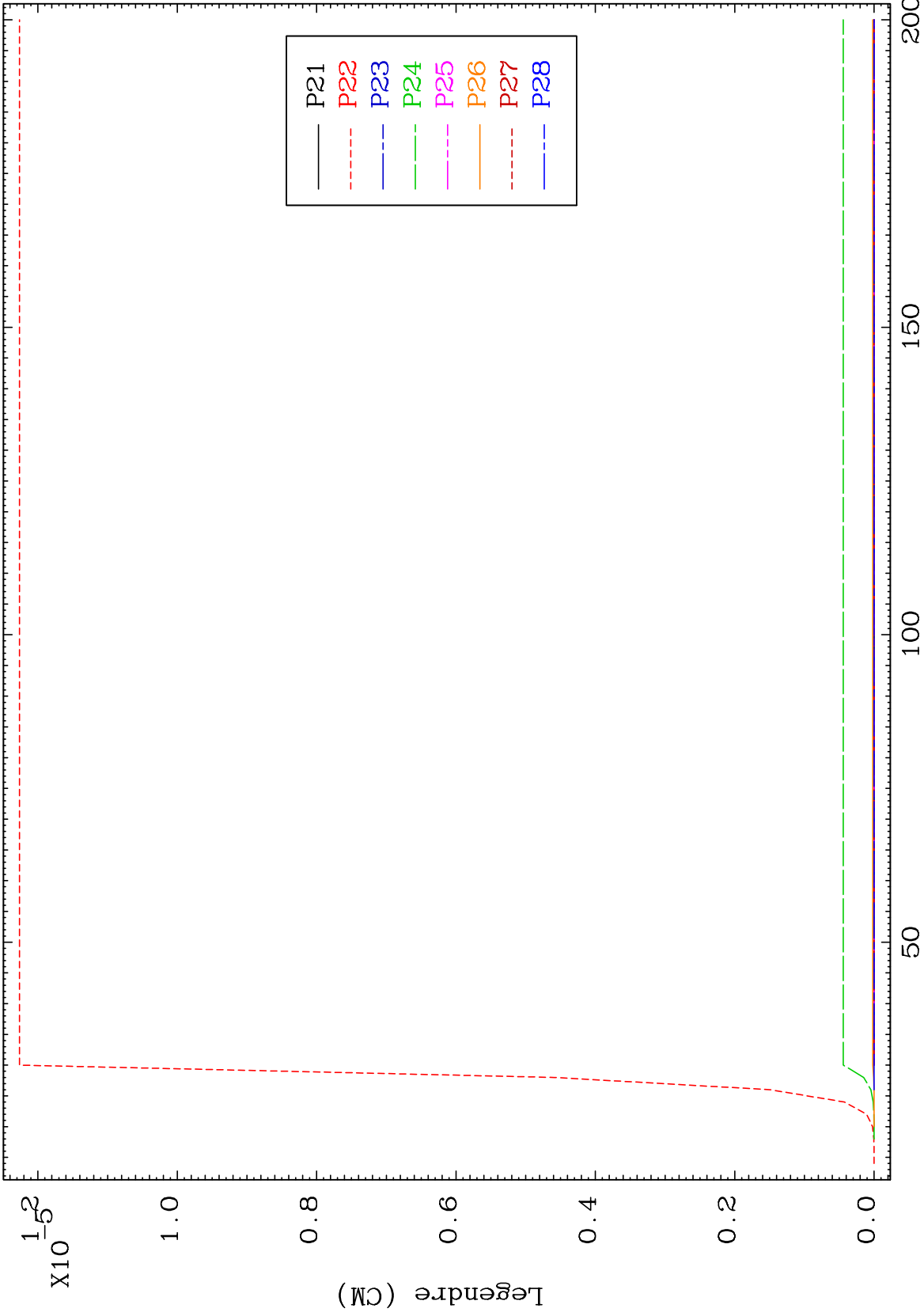
81-T1-206



MAT 8134

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

81-T1-206

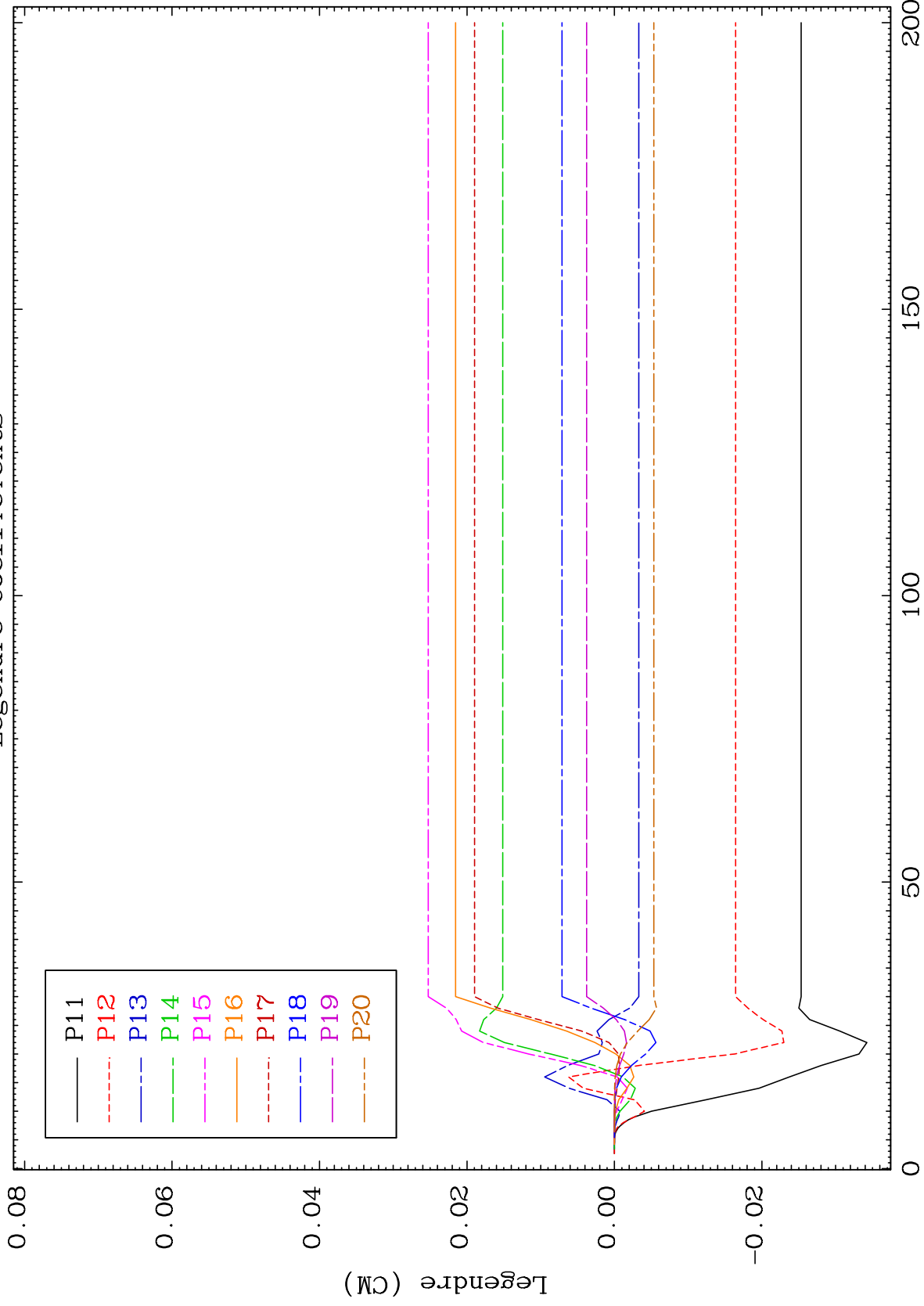


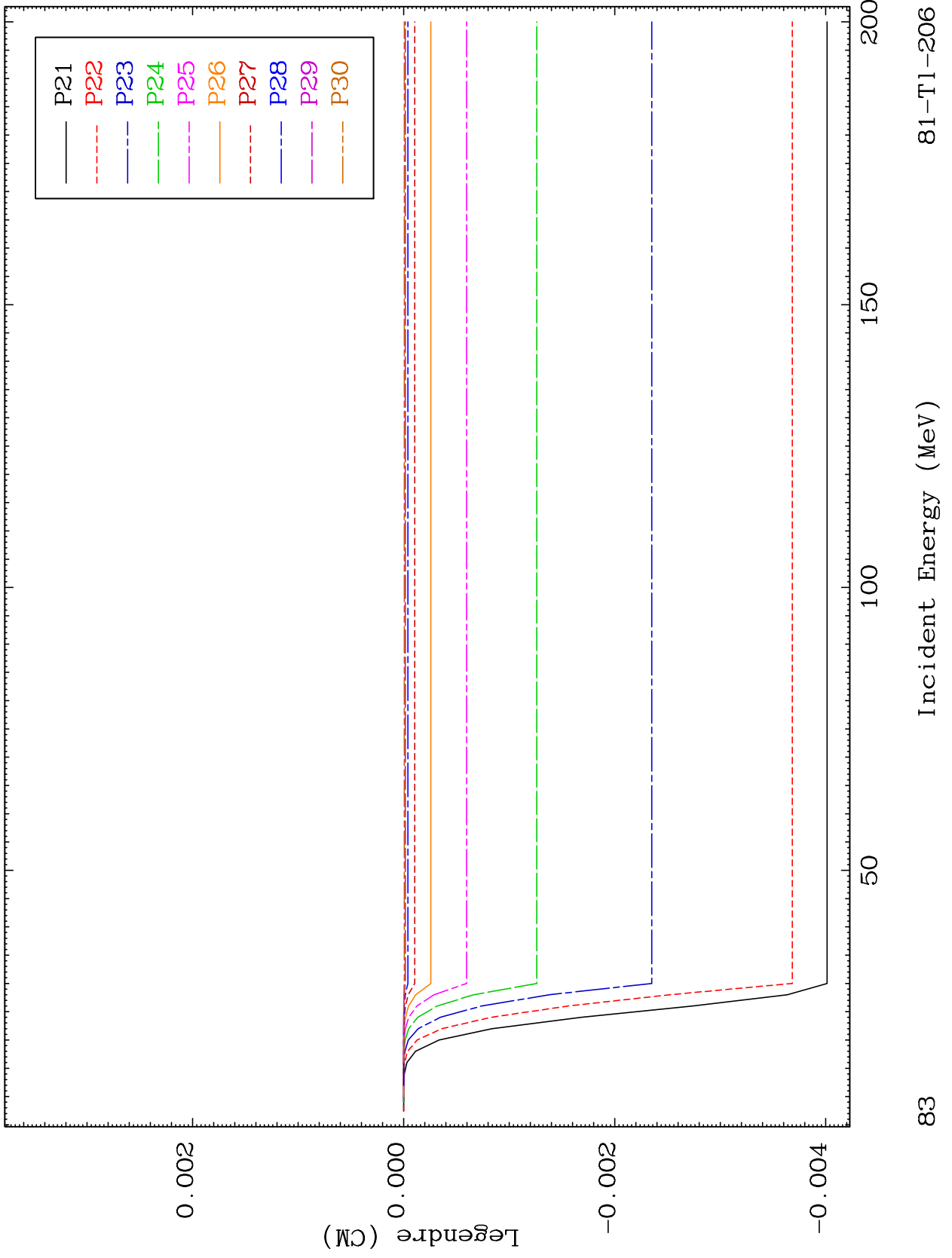
80

Incident Energy (MeV)

81-T1-206



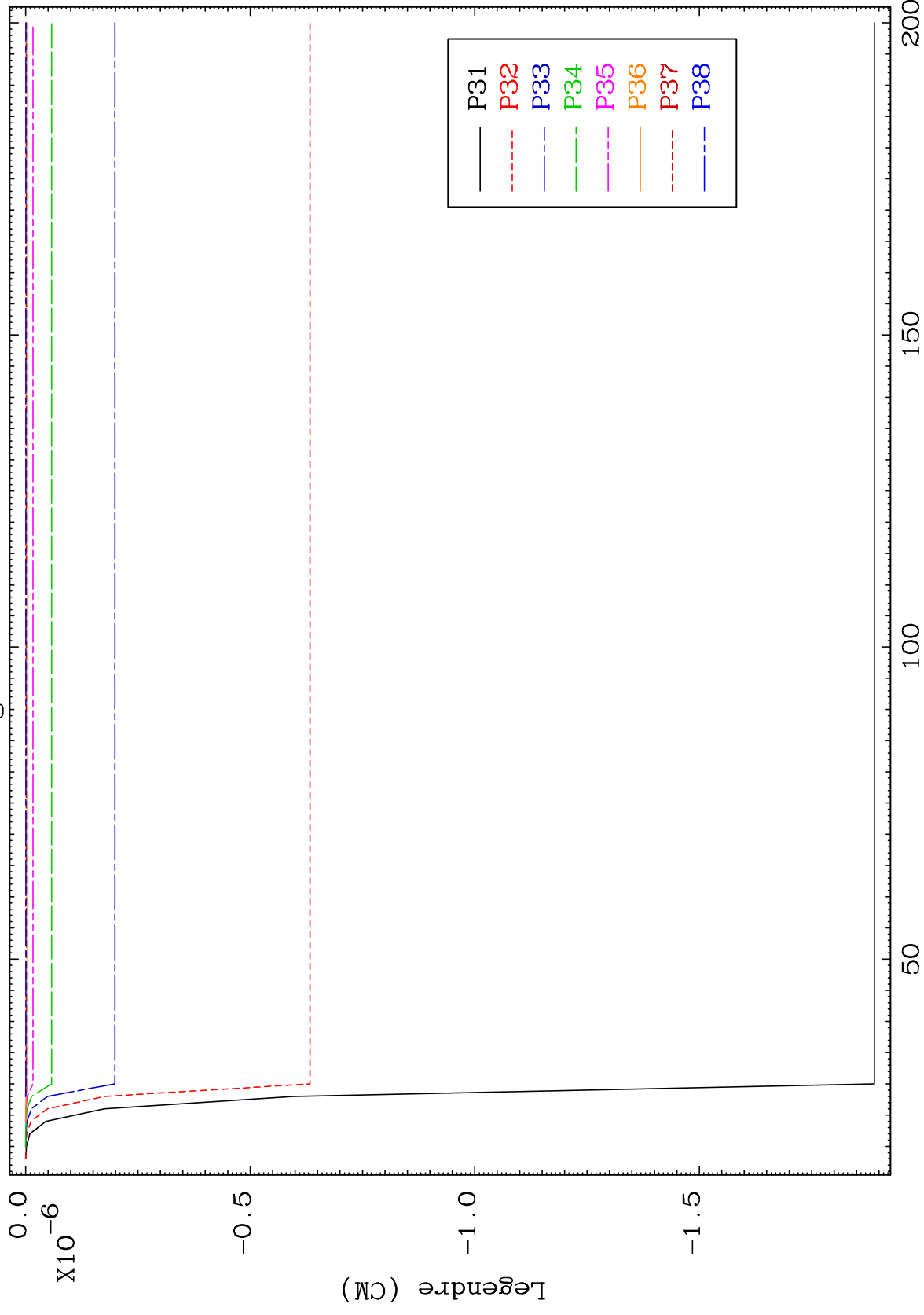




MAT 8134

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

81-T1-206



84

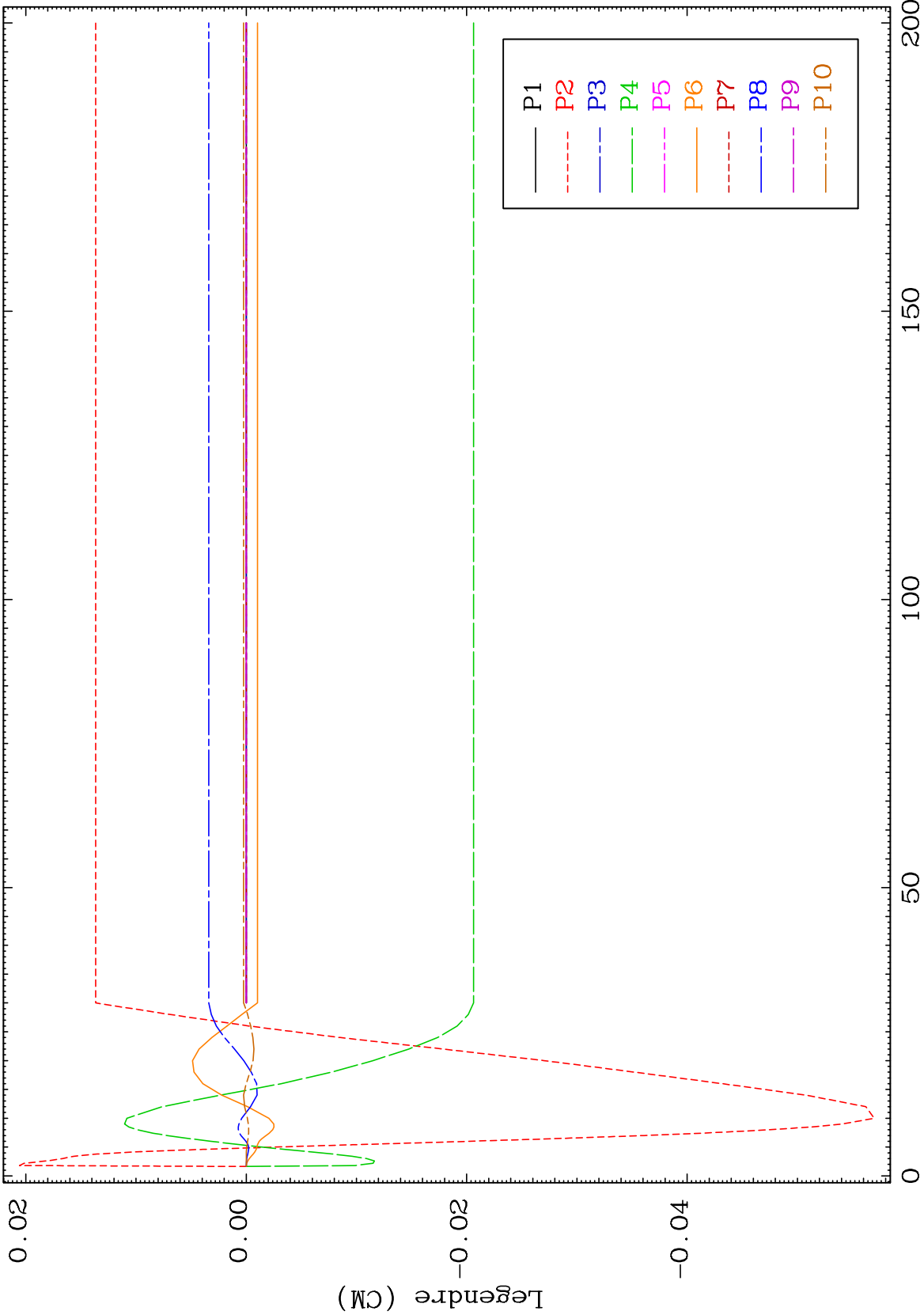
Incident Energy (MeV)

81-T1-206

MAT 8134

MT= 70 (n,n') Level  
Legendre Coefficients

81-T1-206



81-T1-206

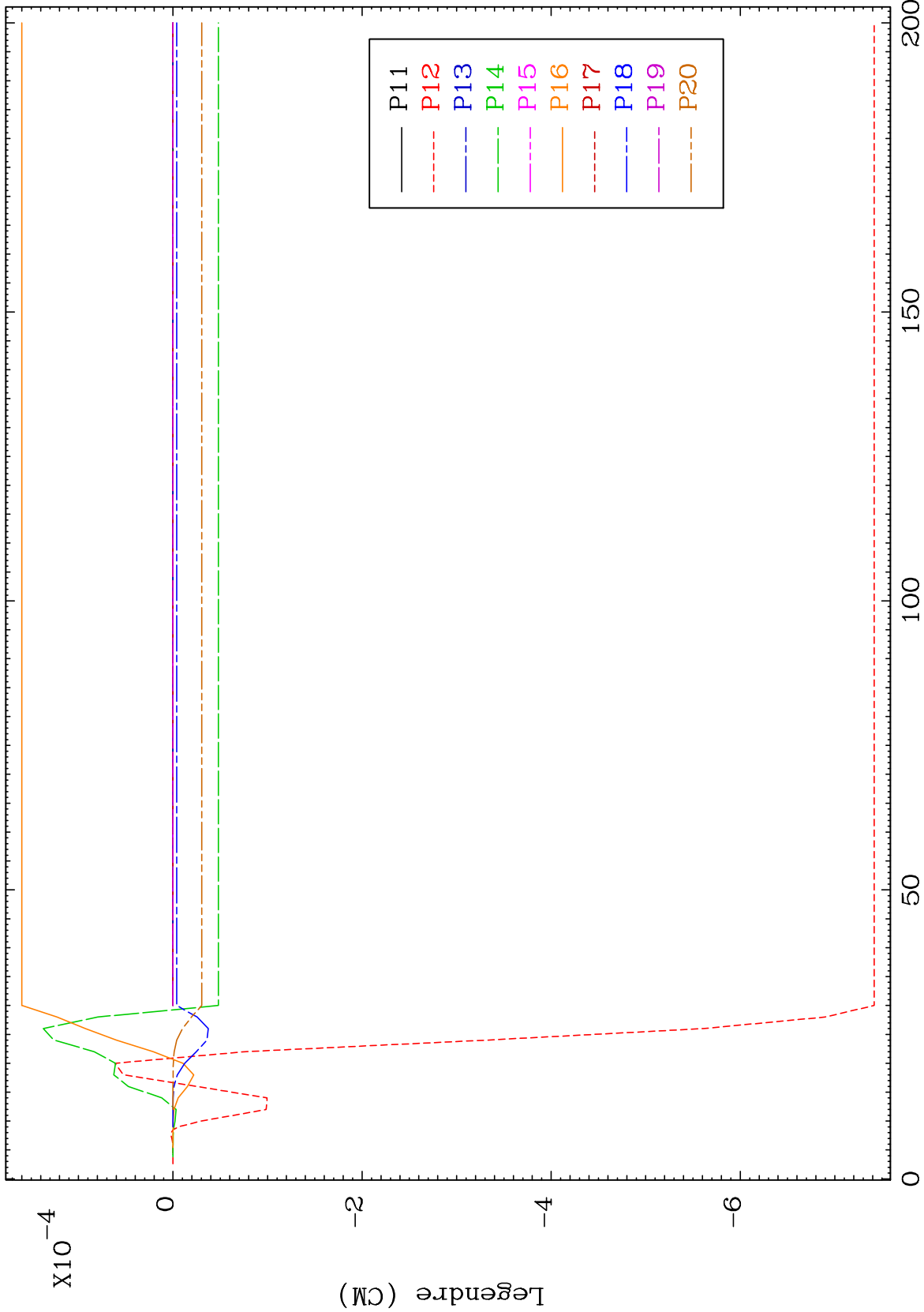
Incident Energy (MeV)

85

MAT 8134

MT= 70 (n,n') Level  
Legendre Coefficients

81-T1-206



86

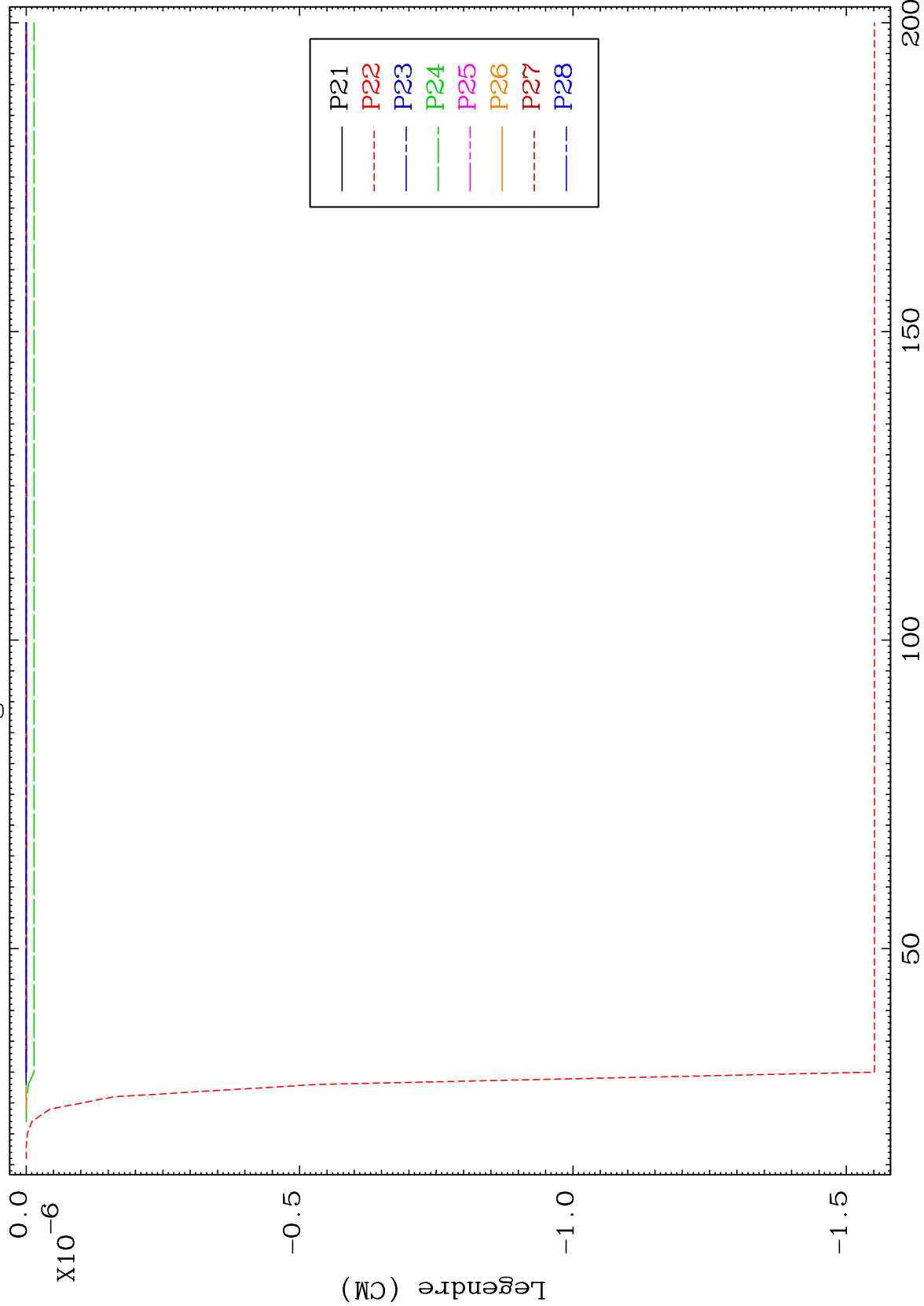
Incident Energy (MeV)

81-T1-206

MAT 8134

MT= 70 (n,n') Level  
Legendre Coefficients

81-T1-206



87

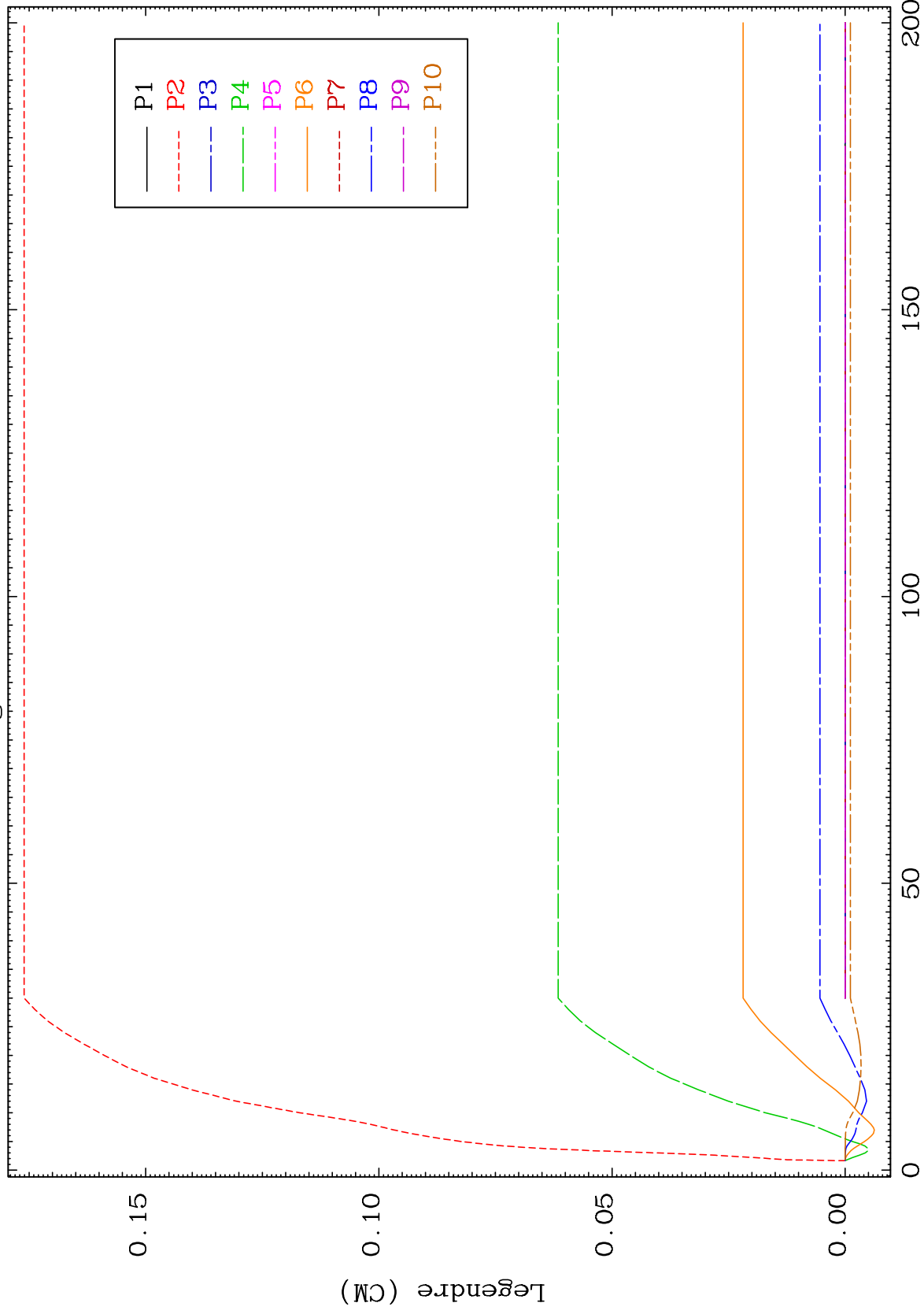
Incident Energy (MeV)

81-T1-206

MAT 8134

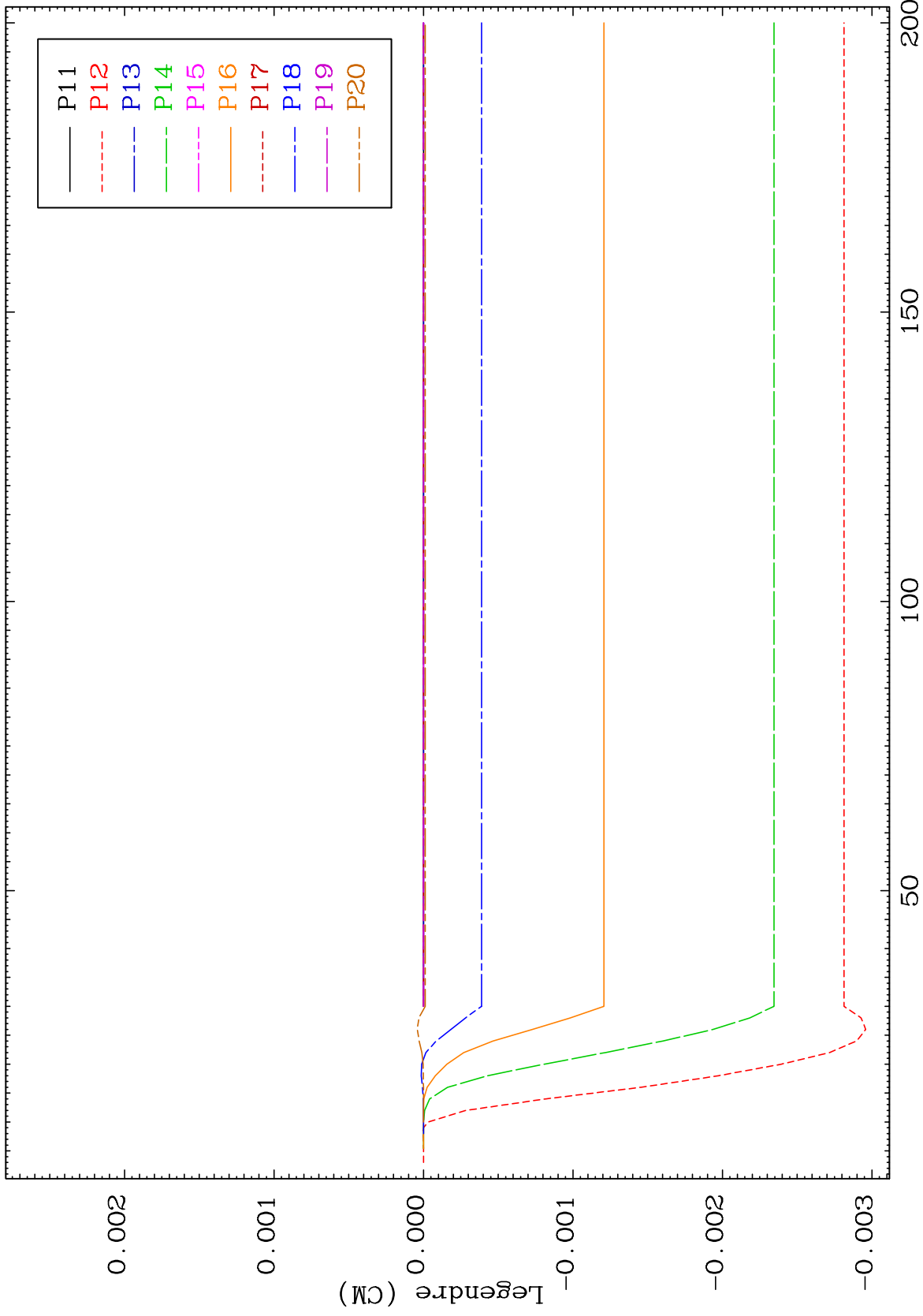
MT= 71 (n,n') Level  
Legendre Coefficients

81-T1-206



88

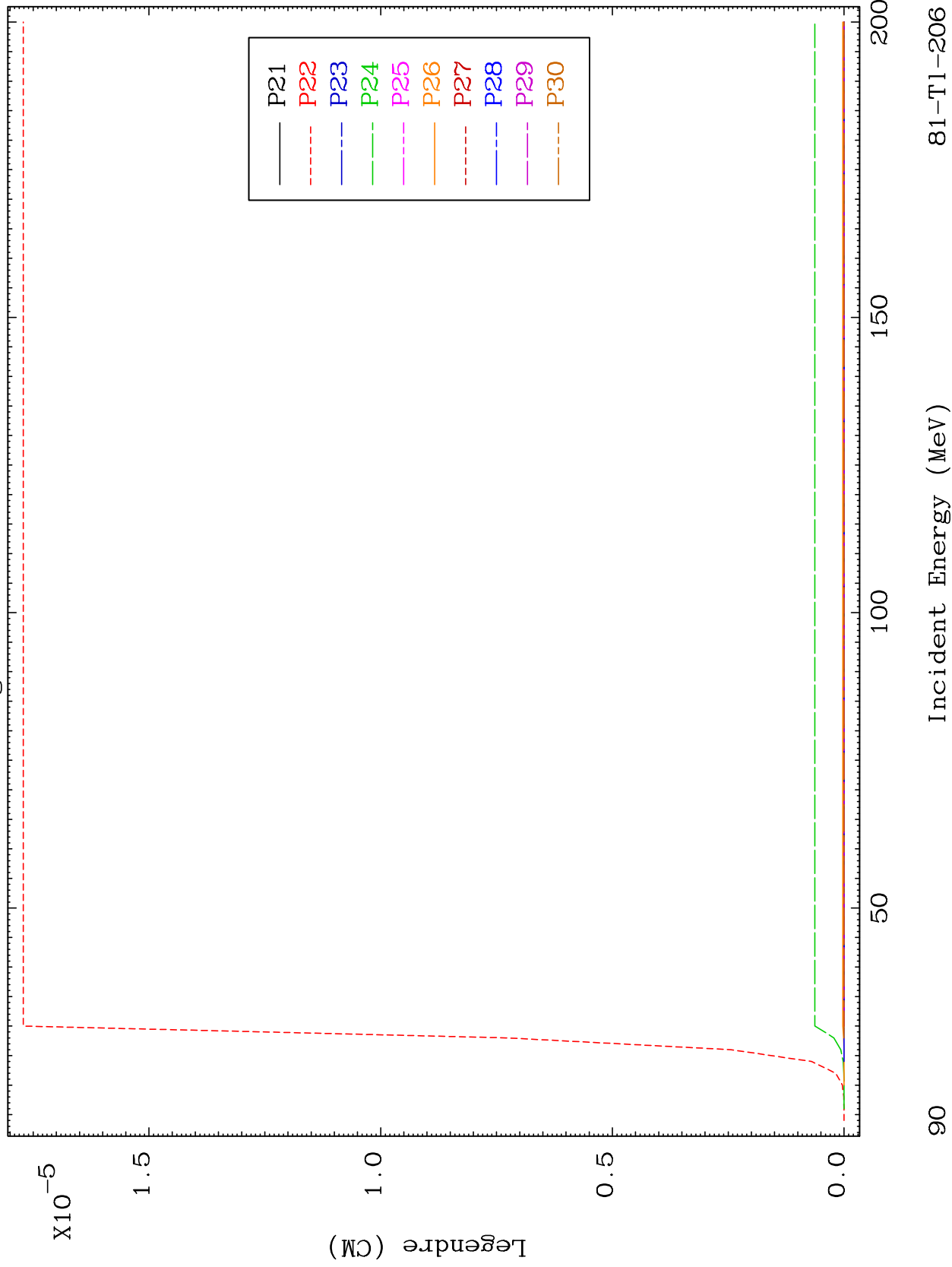
81-T1-206



MAT 8134

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

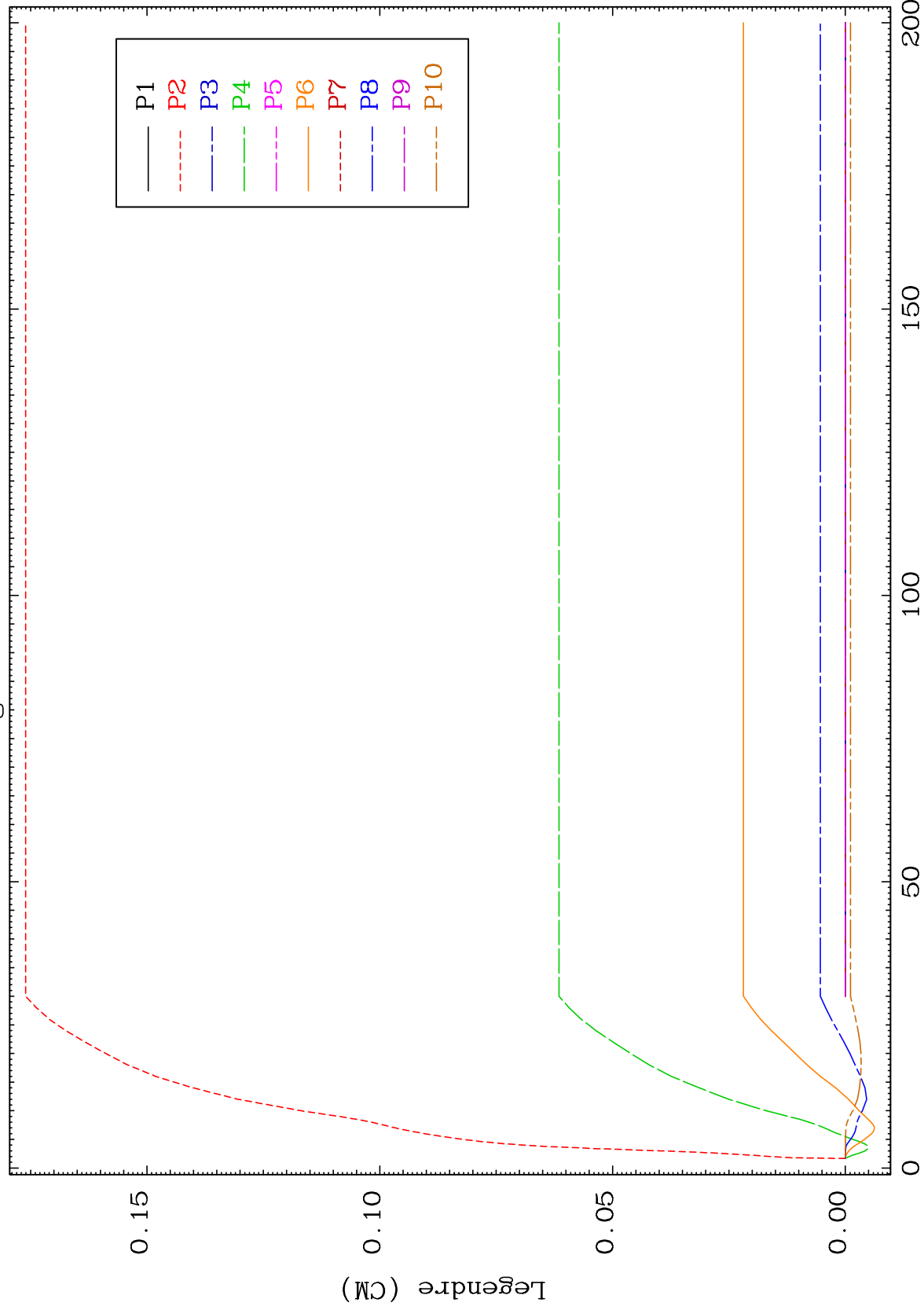
81-T1-206



MAT 8134

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

81-T1-206



91

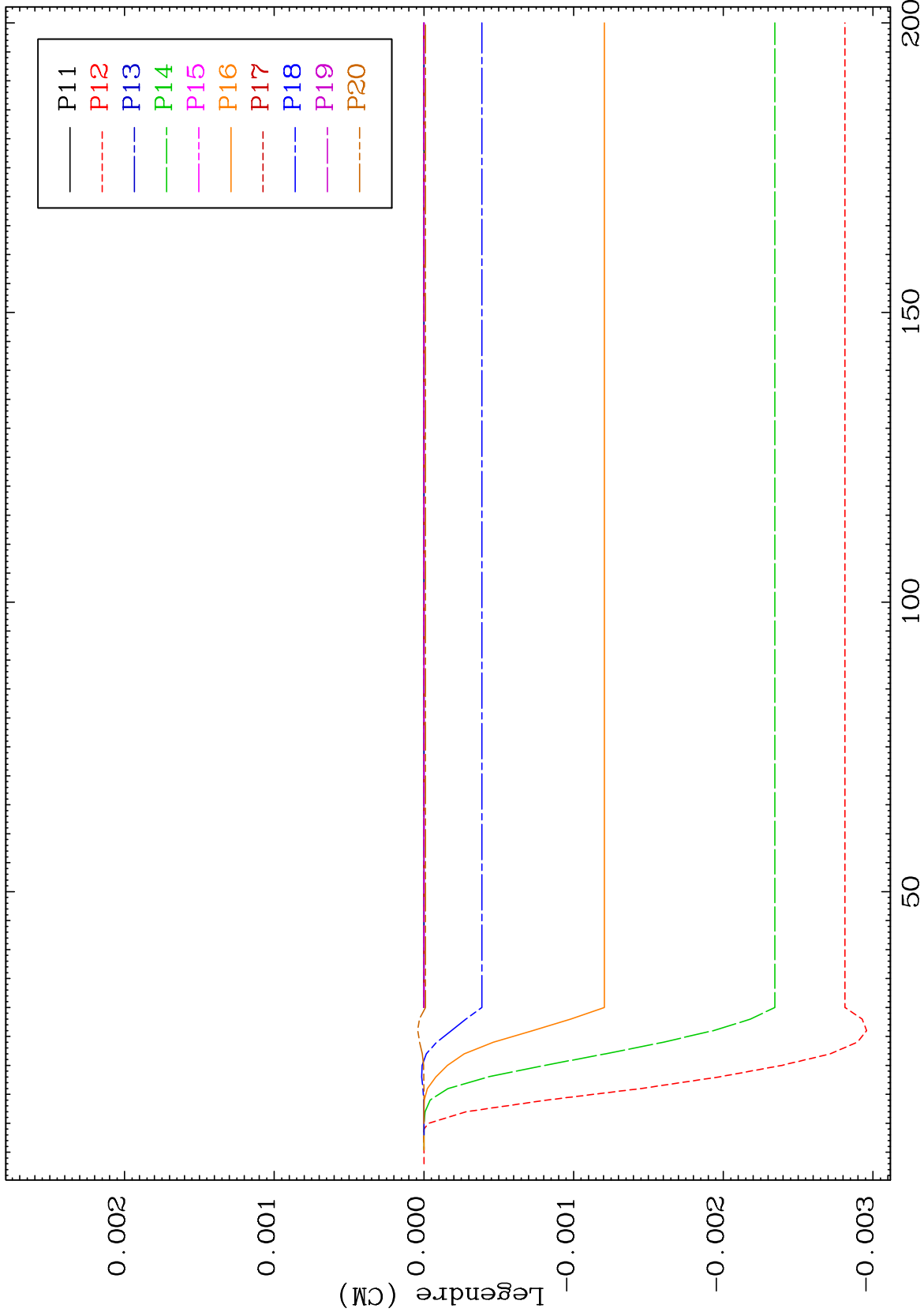
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



92

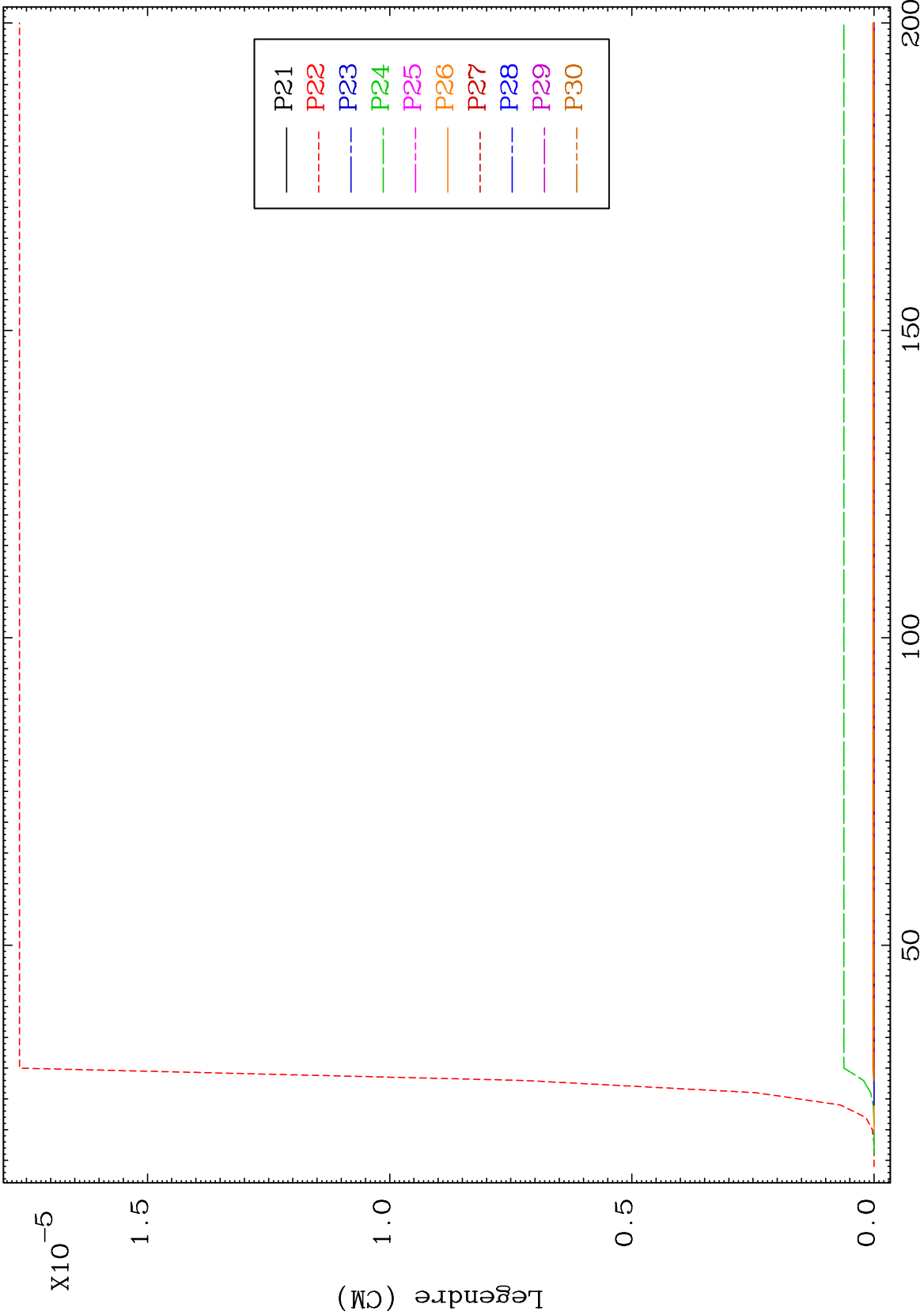
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



93

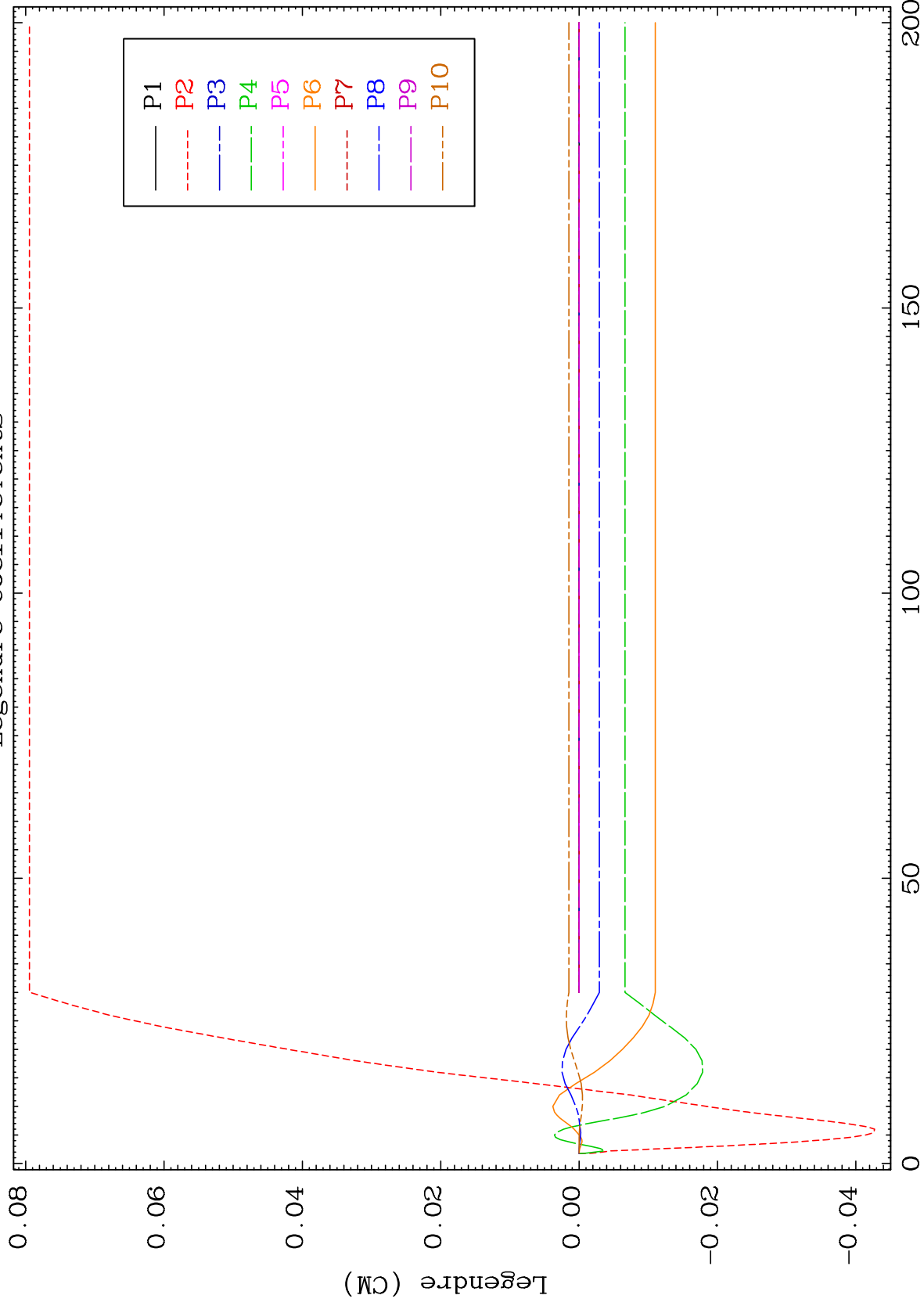
Incident Energy (MeV)

81-T1-206

MAT 8134

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

81-T1-206



94

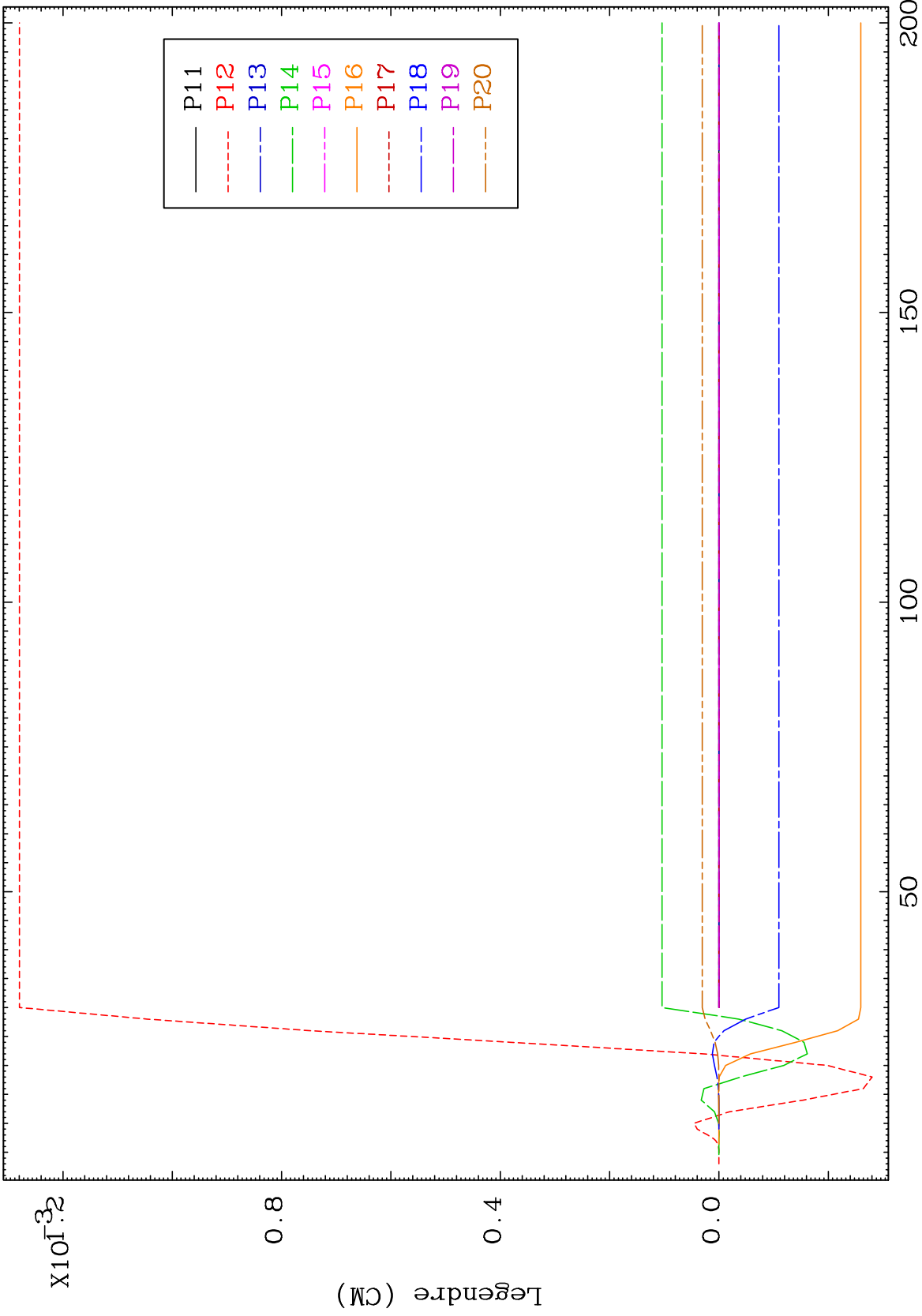
Incident Energy (MeV)

81-T1-206

MAT 8134

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

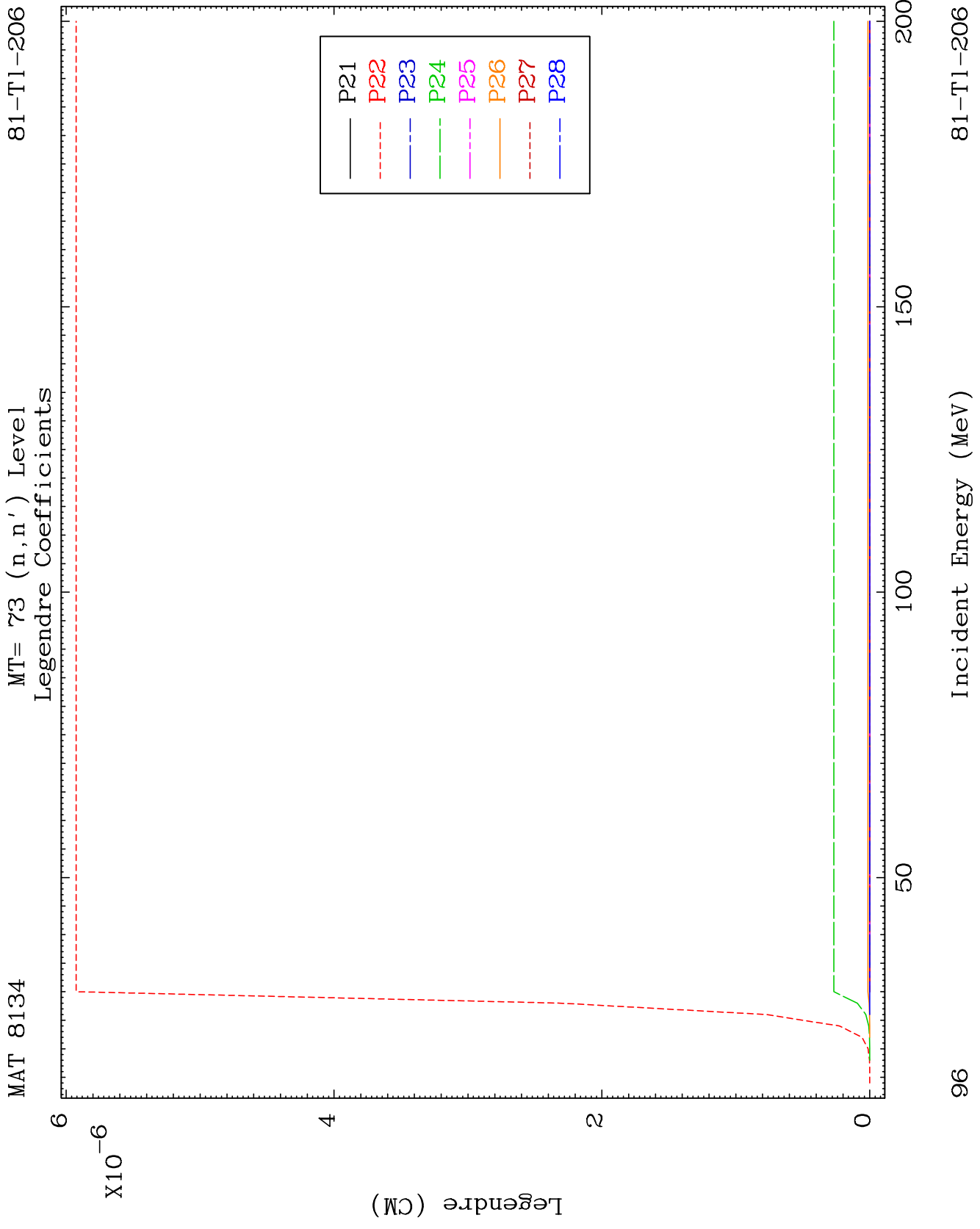
81-T1-206



95

Incident Energy (MeV)

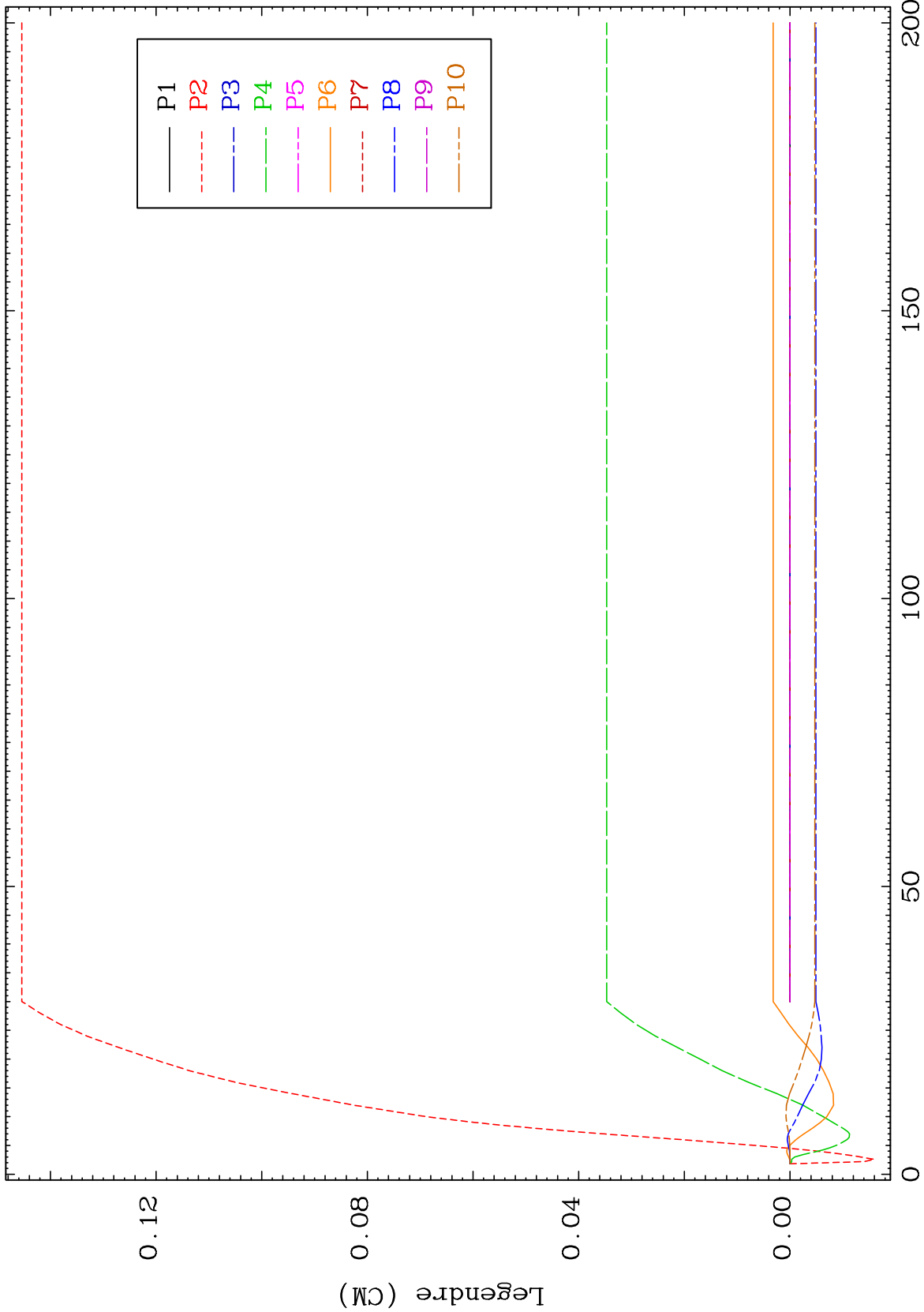
81-T1-206



MAT 8134

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

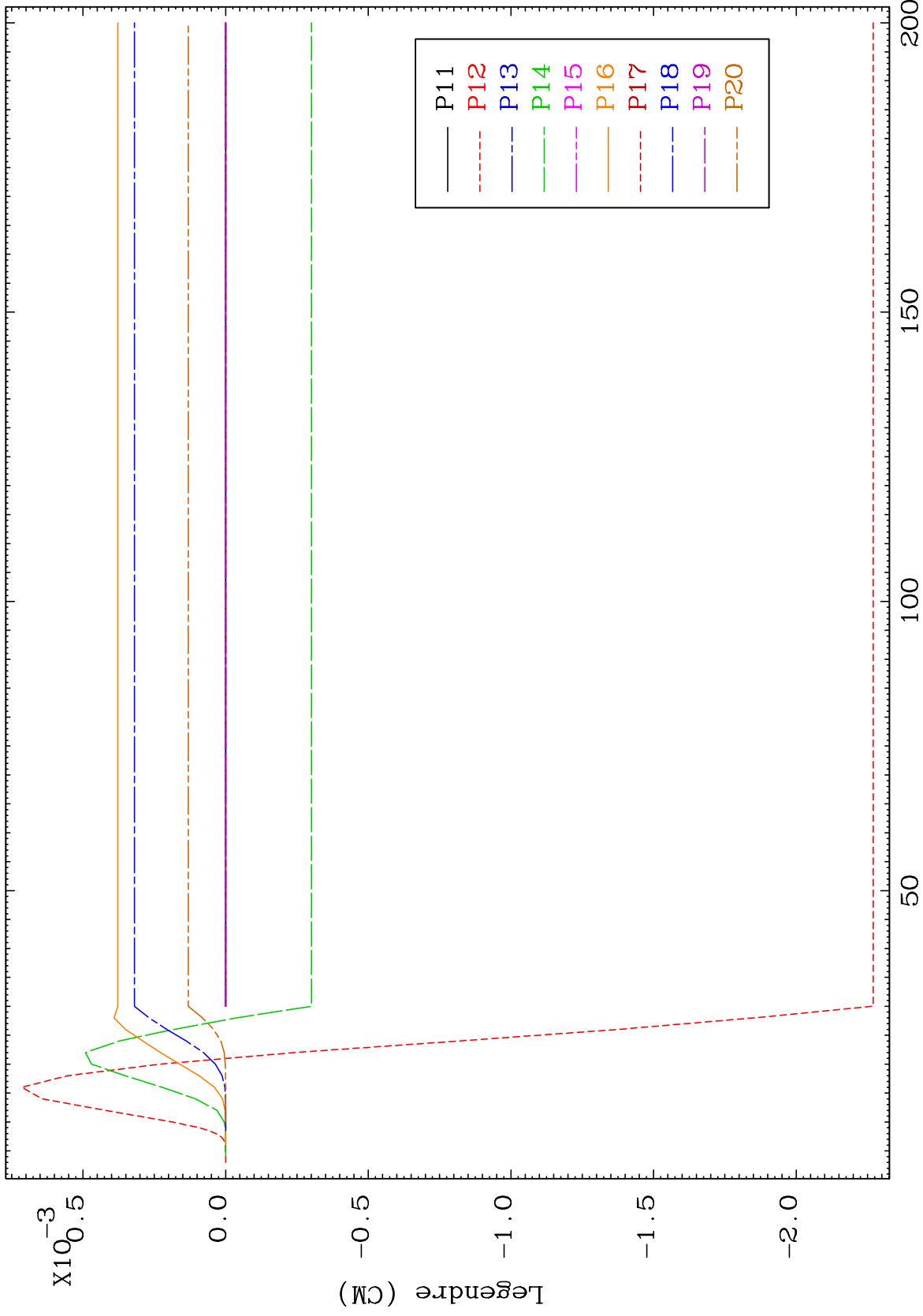
81-Tl-206



97

Incident Energy (MeV)

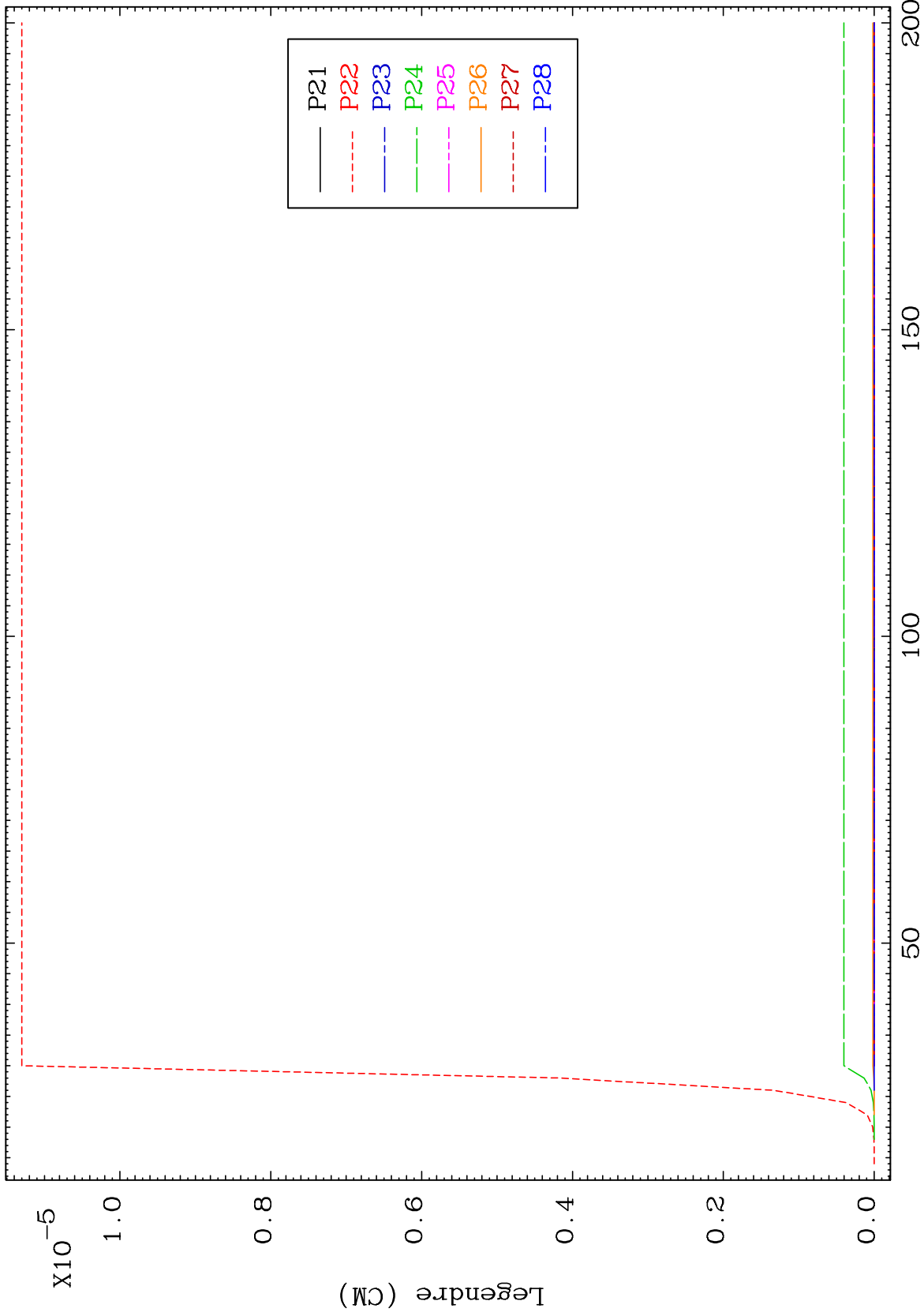
81-Tl-206



MAT 8134

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

81-Tl-206



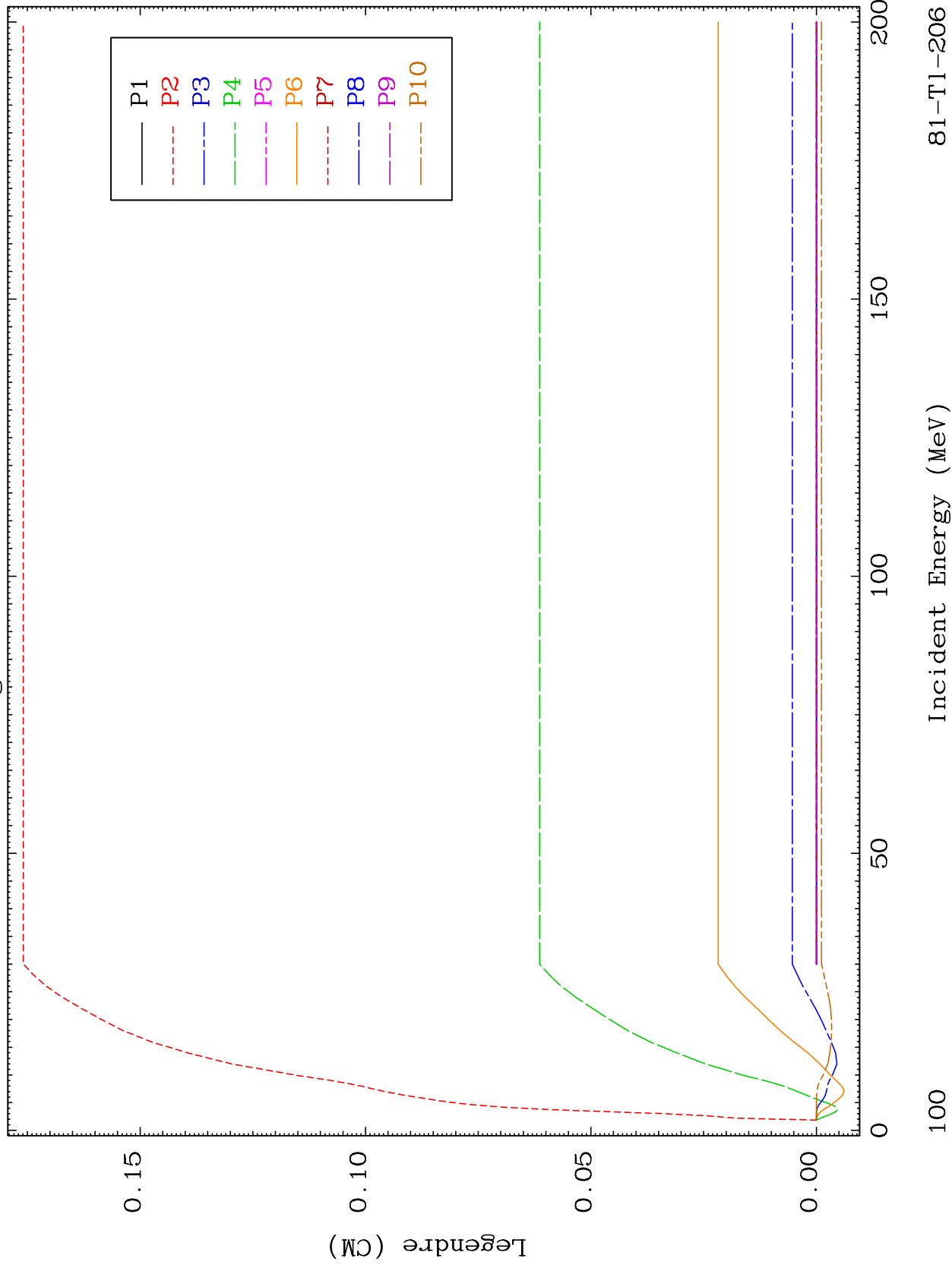
99

81-Tl-206

MAT 8134

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

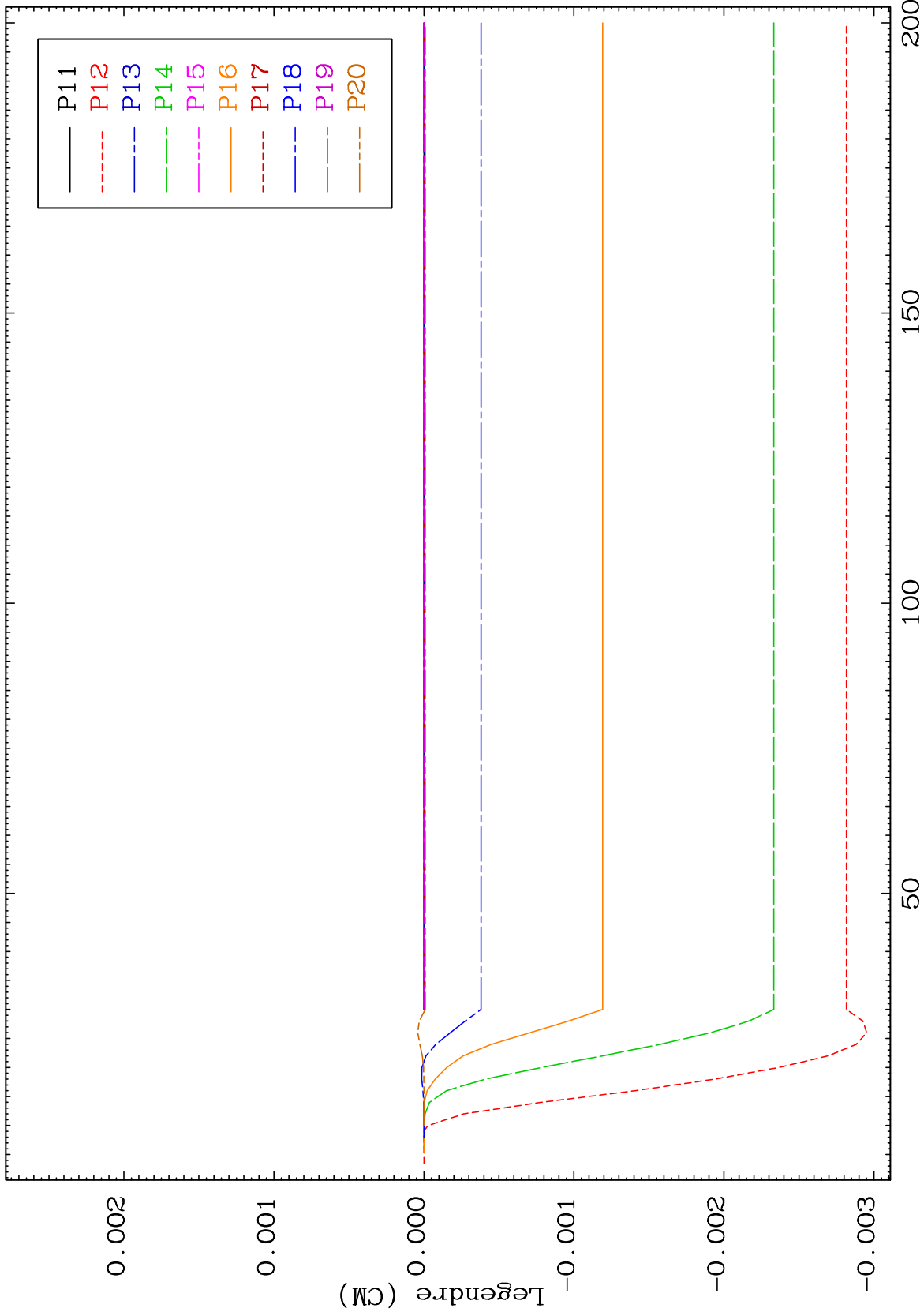
81-T1-206



MAT 8134

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

81-T1-206



101

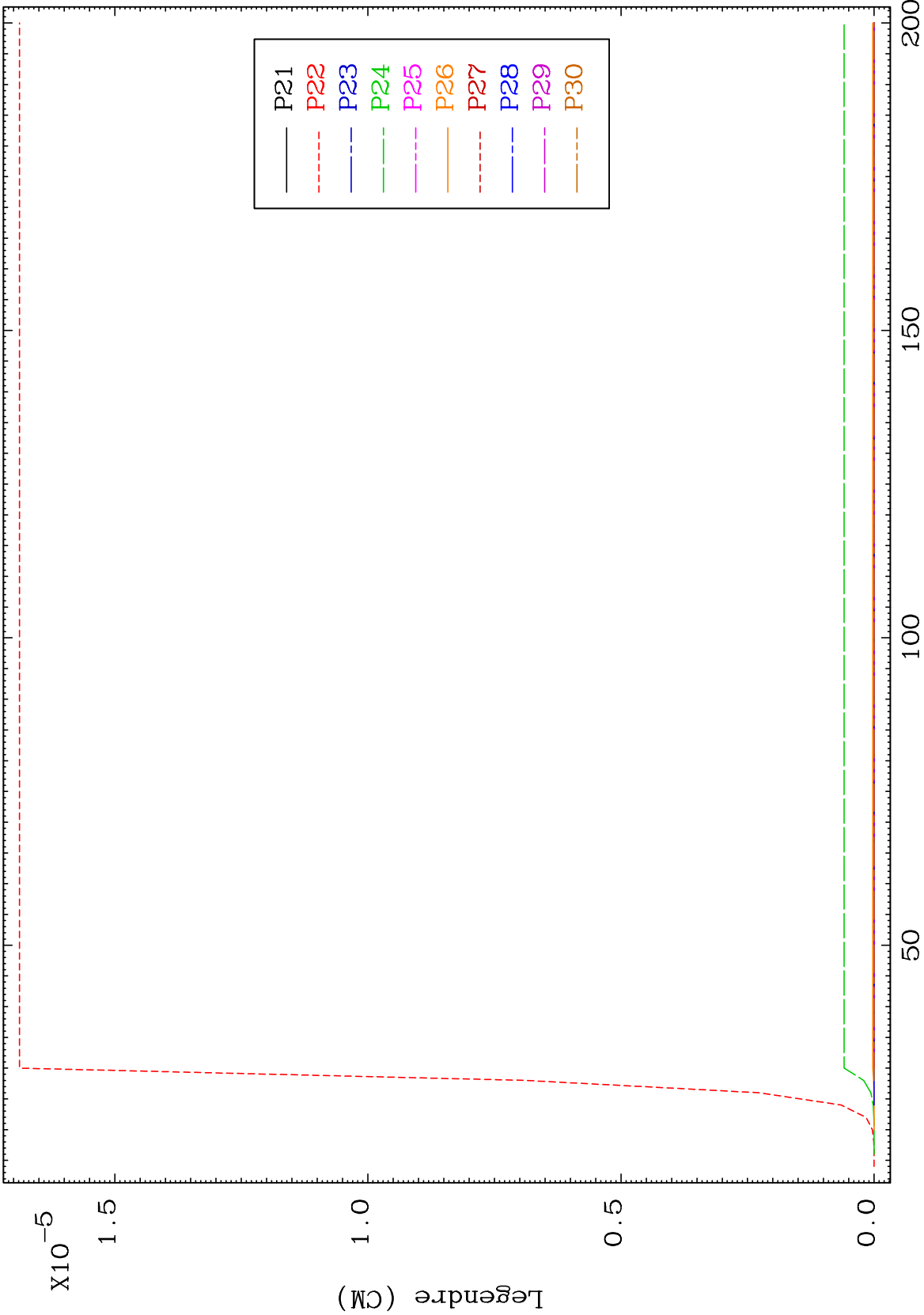
Incident Energy (MeV)

81-T1-206

MAT 8134

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

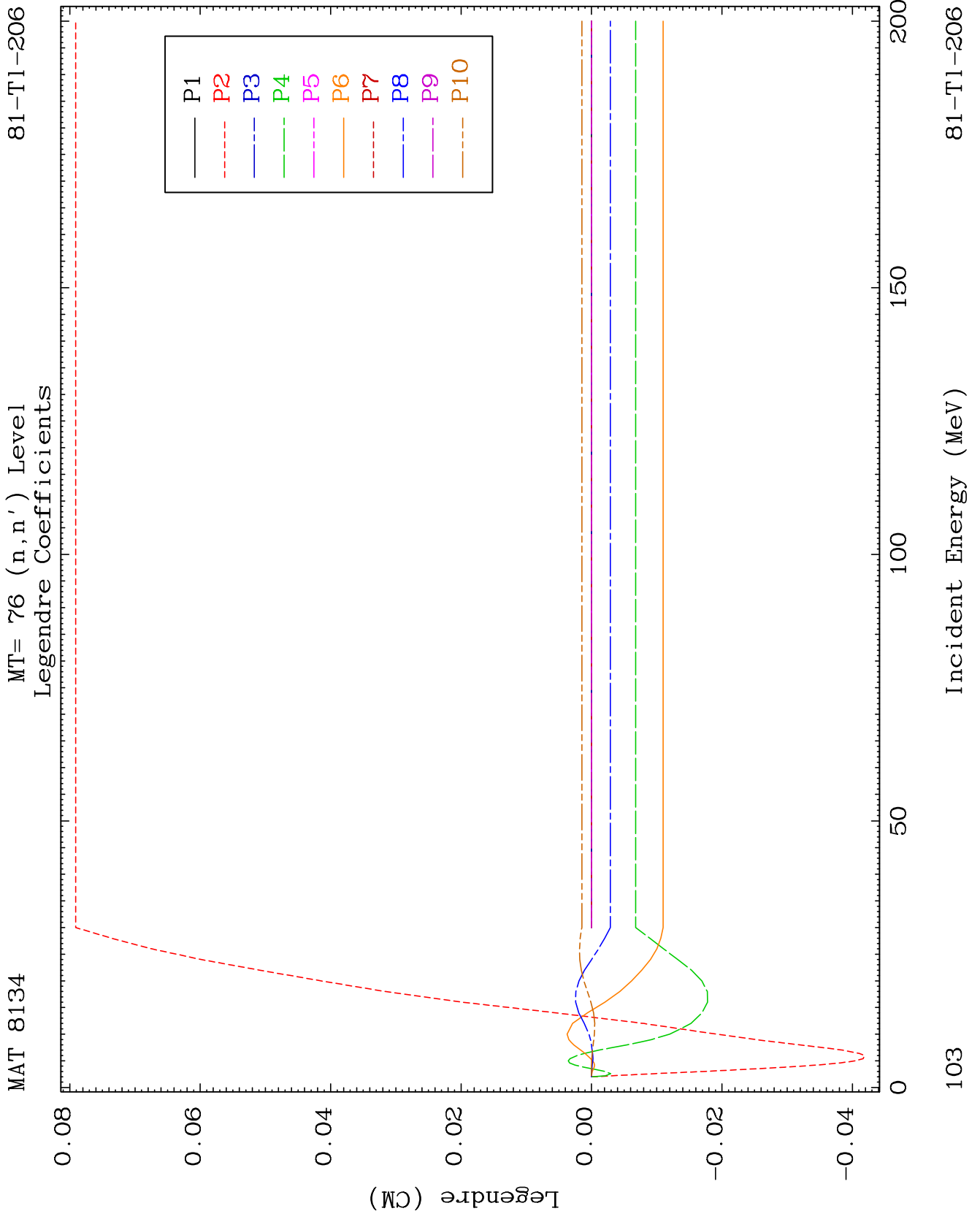
81-T1-206



102

Incident Energy (MeV)

81-T1-206



81-T1-206

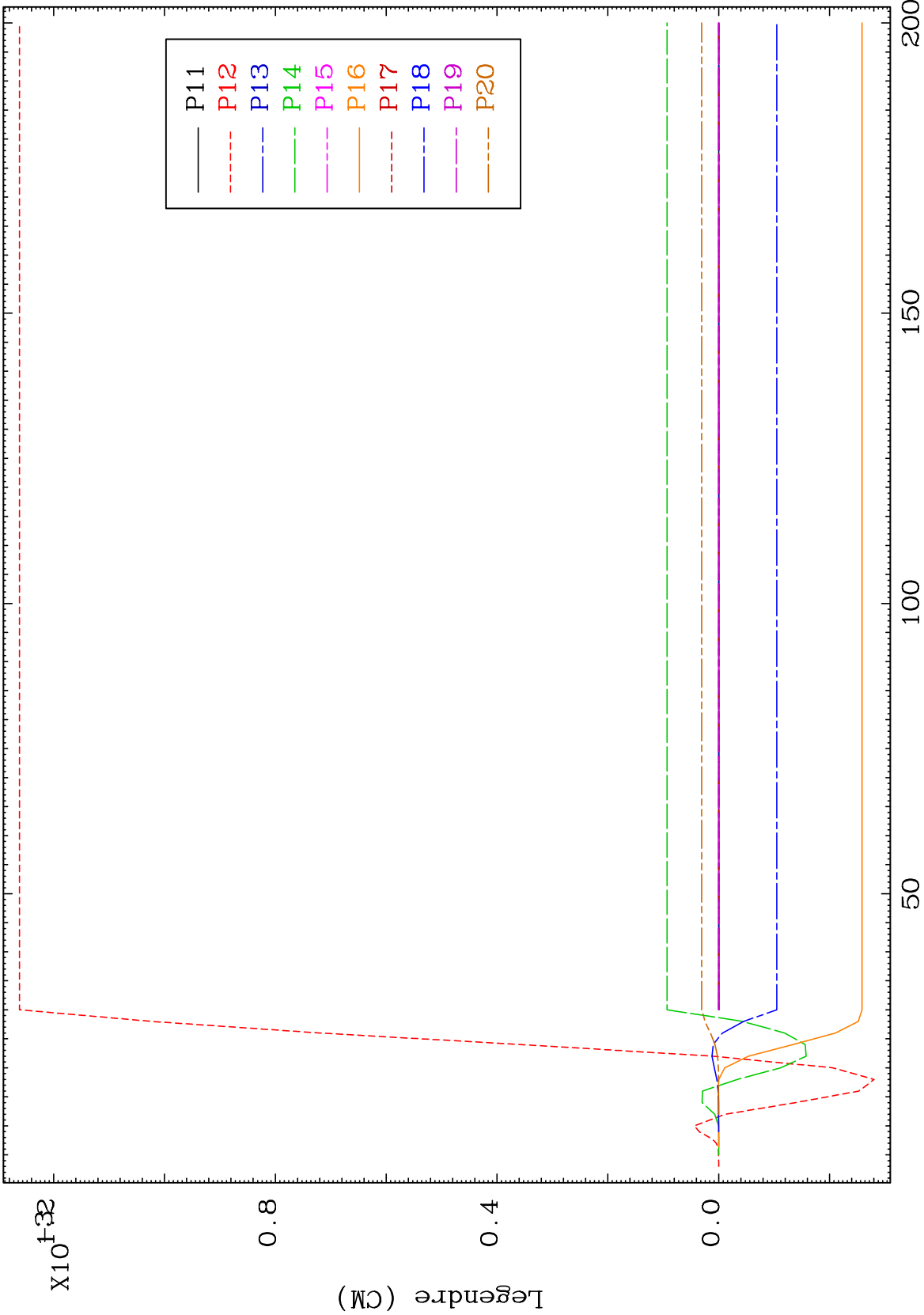
Incident Energy (MeV)

103

MAT 8134

MT= 76 (n,n') Level  
Legendre Coefficients

81-T1-206



104

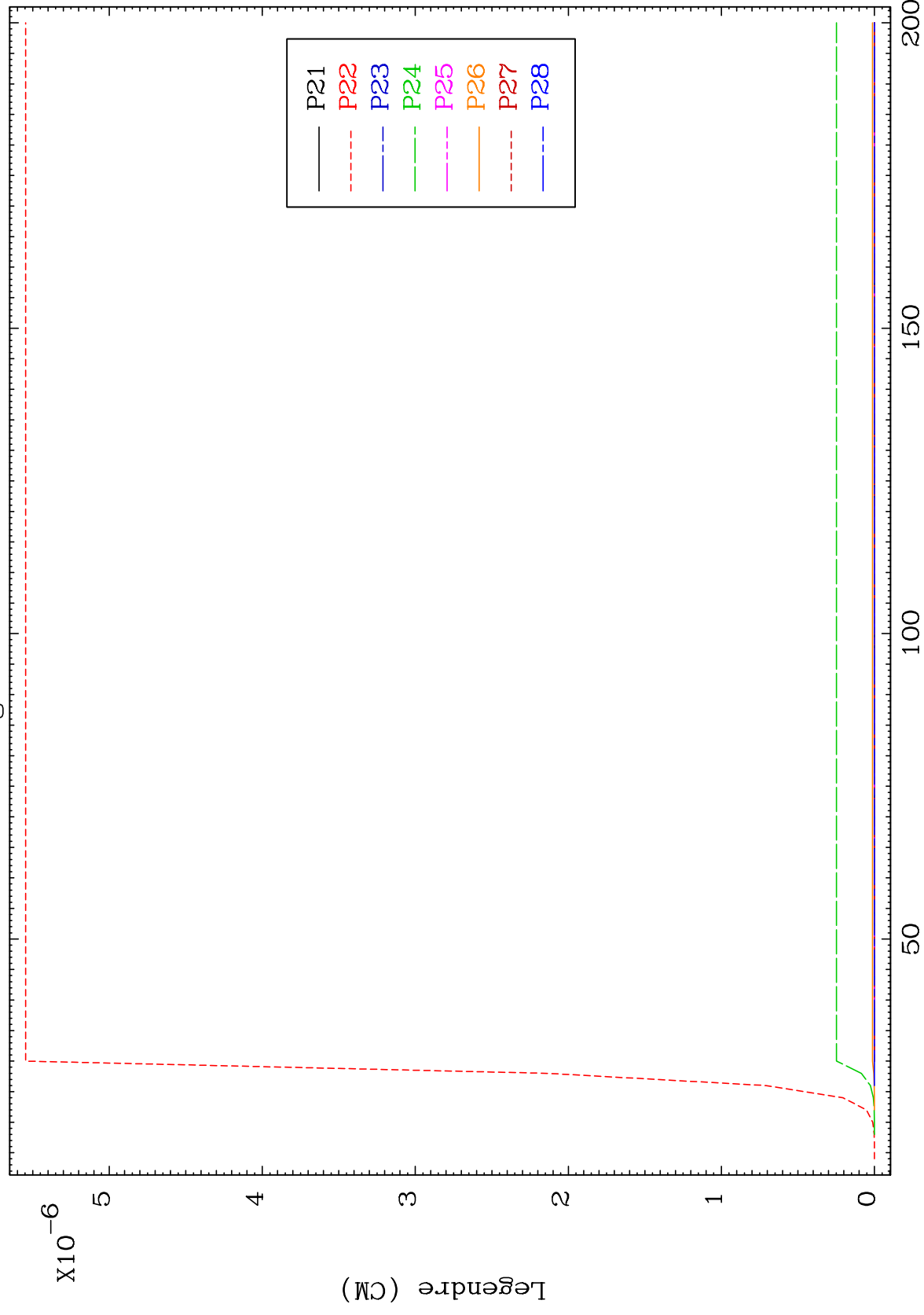
Incident Energy (MeV)

81-T1-206

MAT 8134

MT= 76 (n,n') Level  
Legendre Coefficients

81-T1-206



105

Incident Energy (MeV)

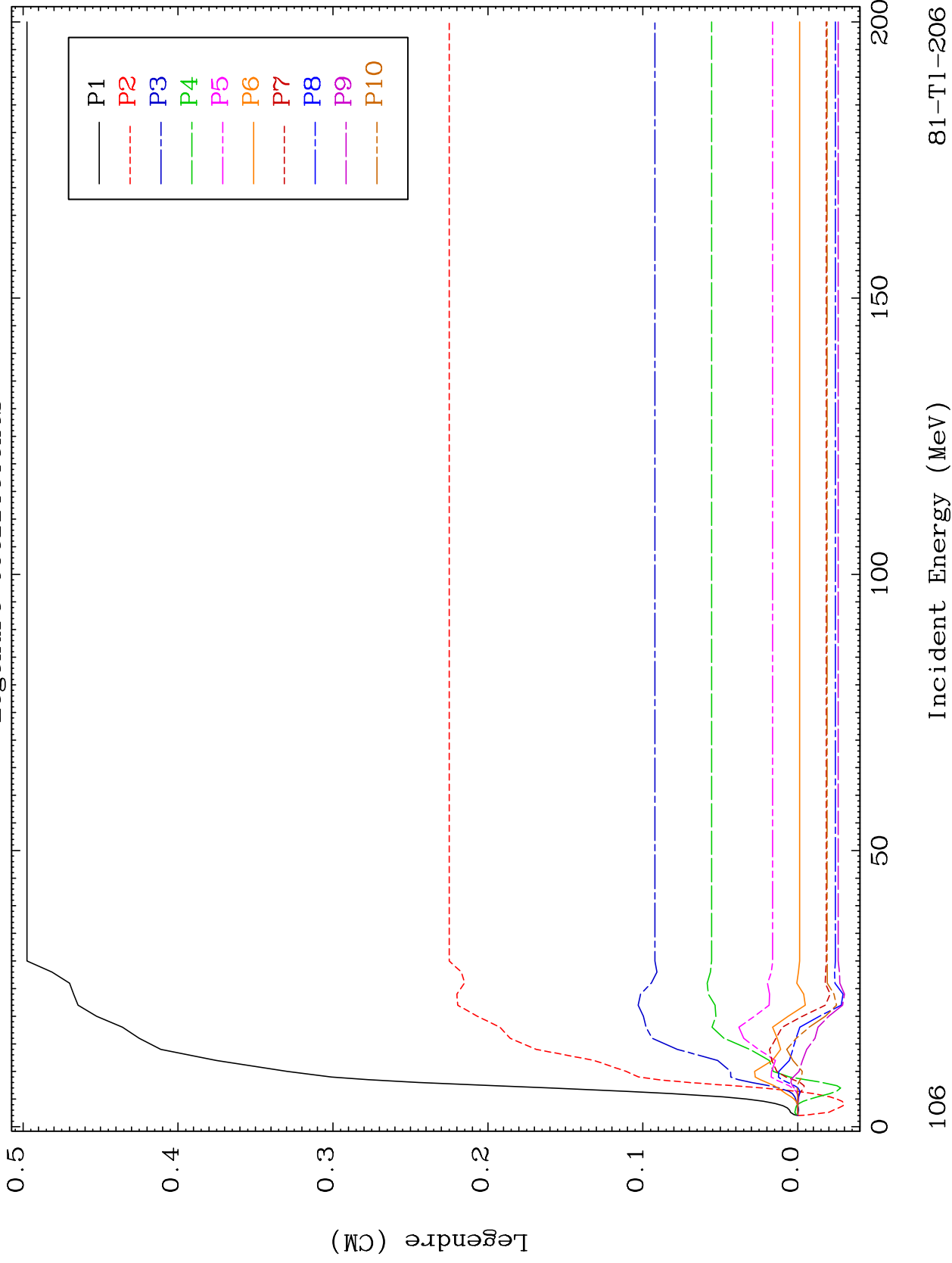
81-T1-206

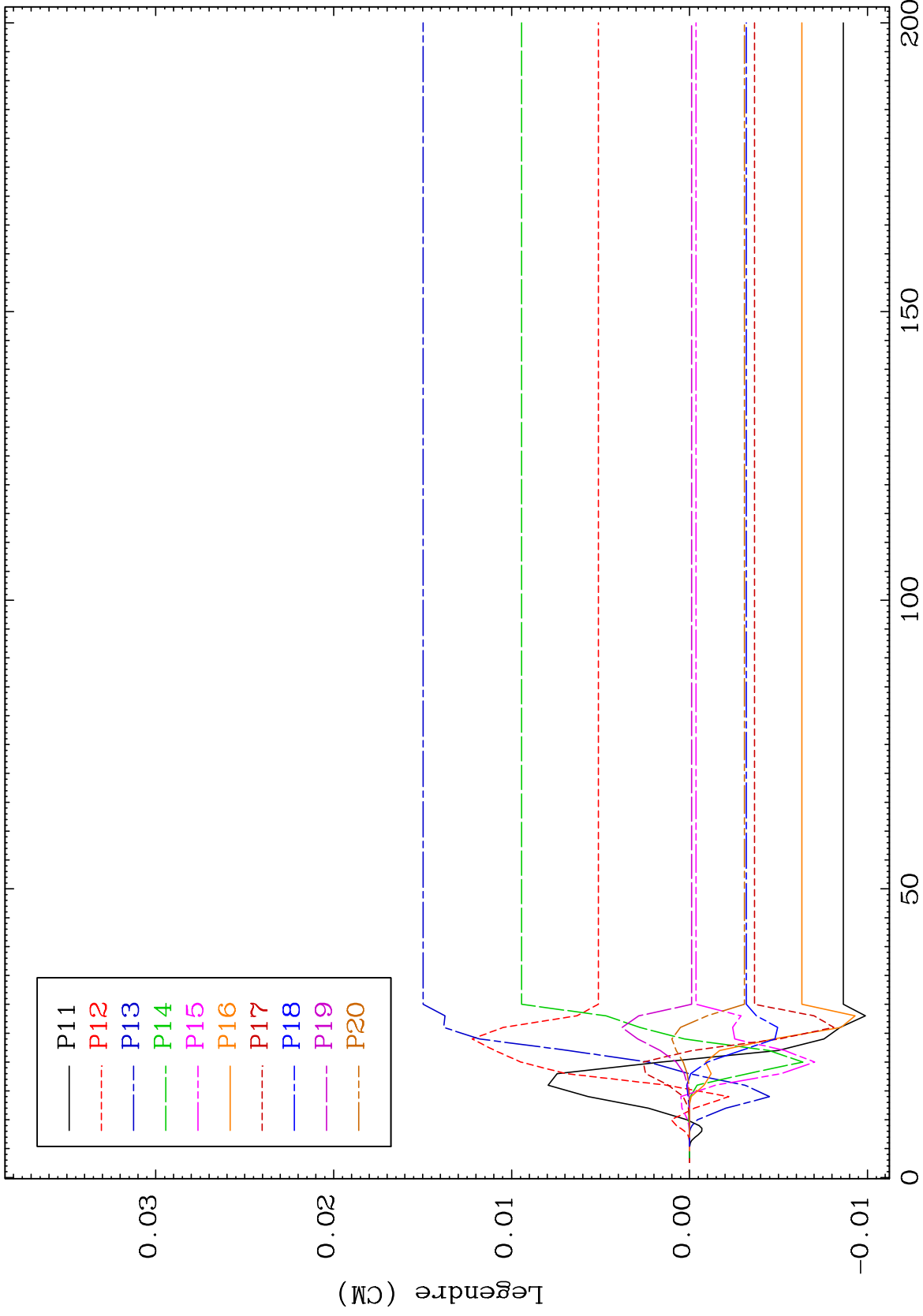
MAT 8134

MT= 77 (n,n') Level

81-Tl-206

Legendre Coefficients

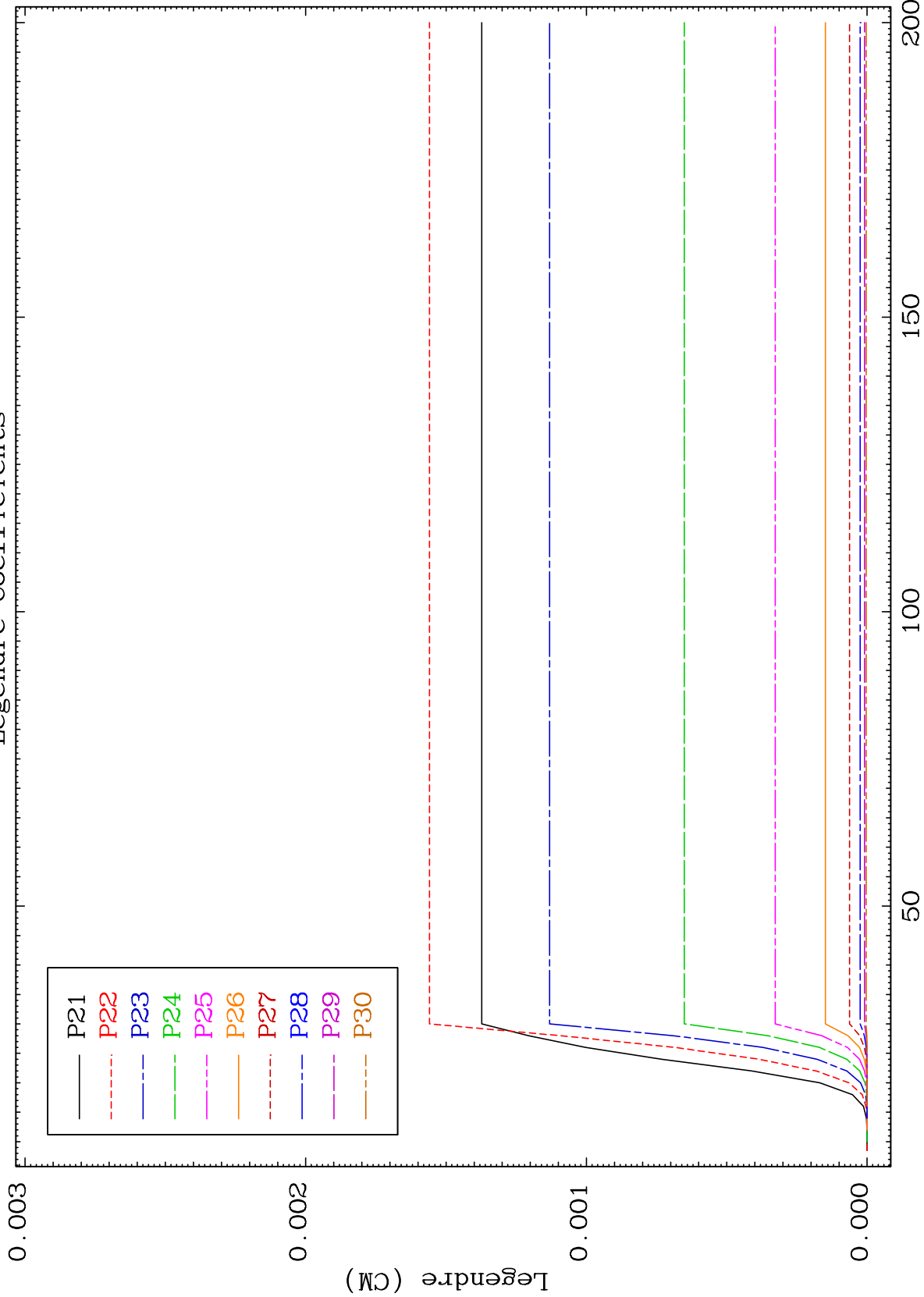




MAT 8134

MT= 77 (n,n') Level  
Legendre Coefficients

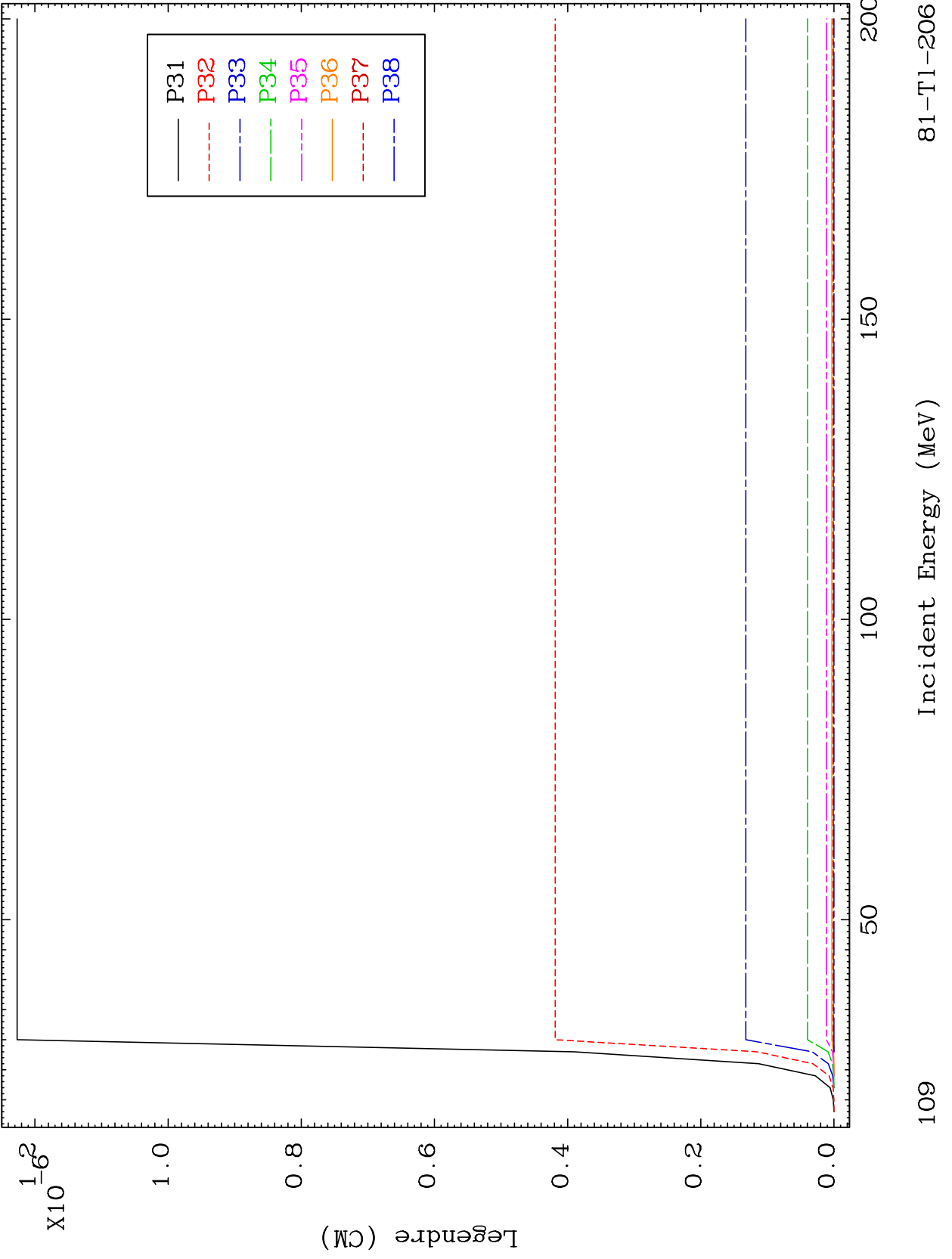
81-T1-206



108

Incident Energy (MeV)

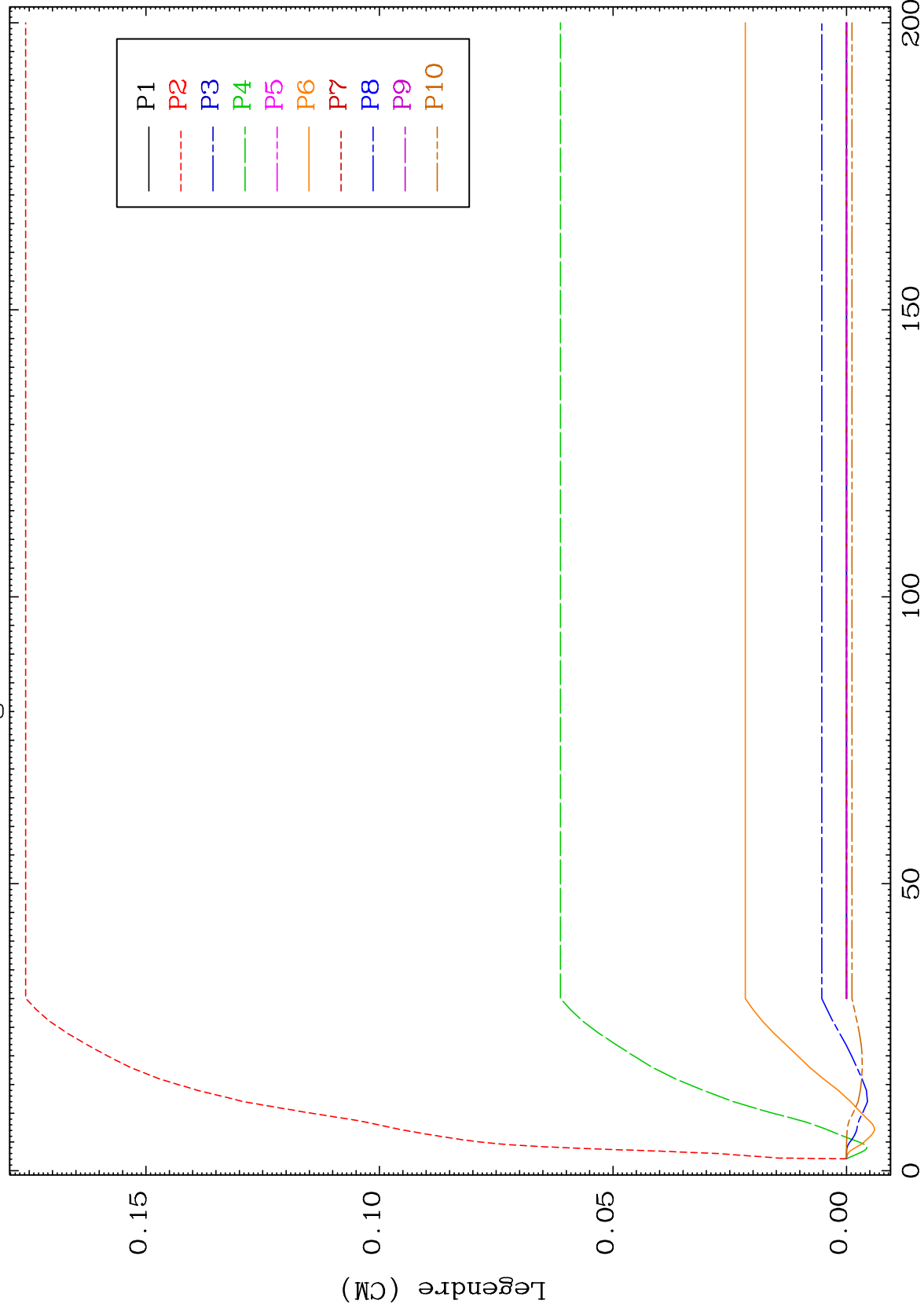
81-T1-206



MAT 8134

MT= 78 (n,n') Level  
Legendre Coefficients

81-T1-206



81-T1-206

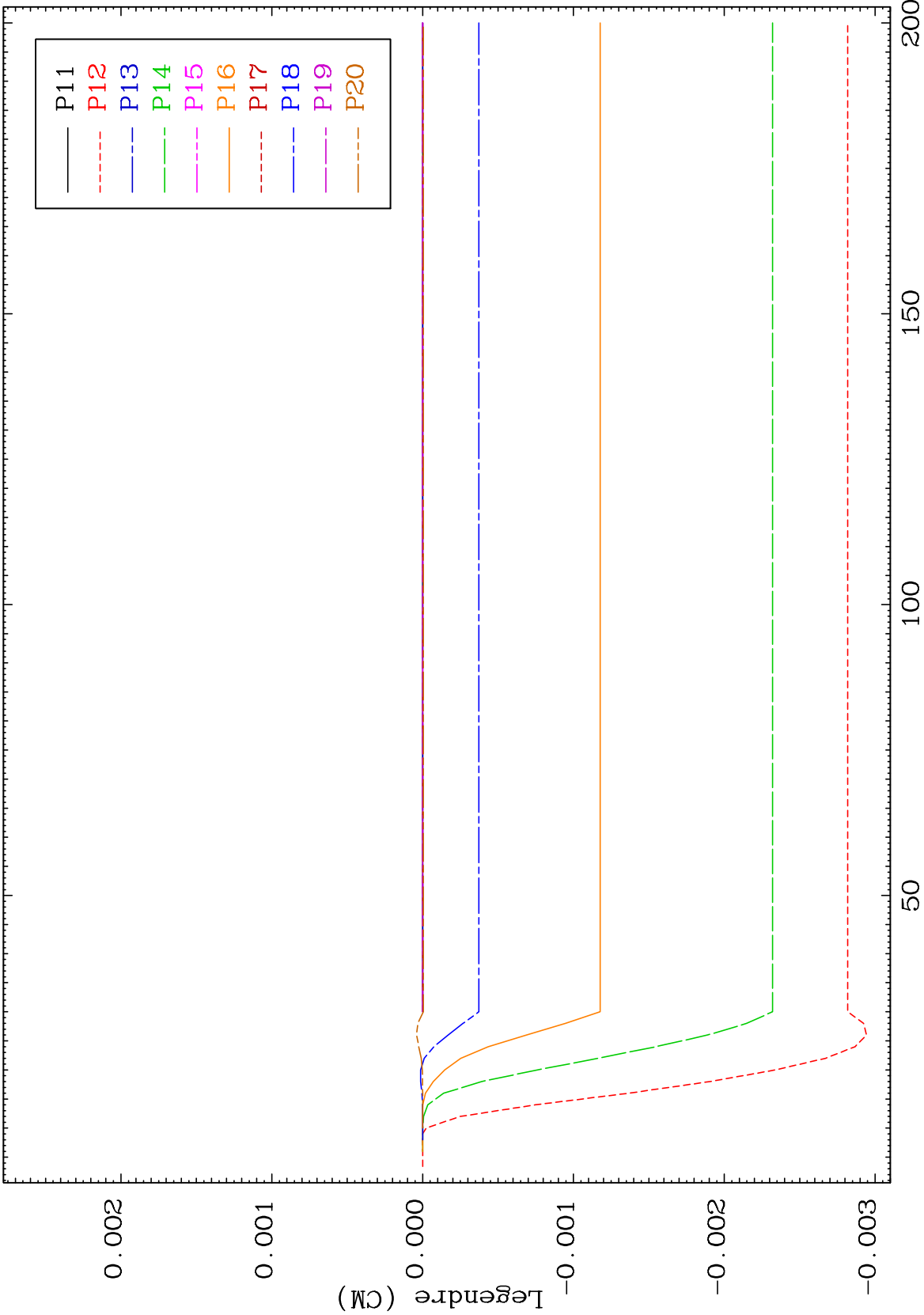
Incident Energy (MeV)

110

MAT 8134

MT= 78 (n,n') Level  
Legendre Coefficients

81-T1-206



111

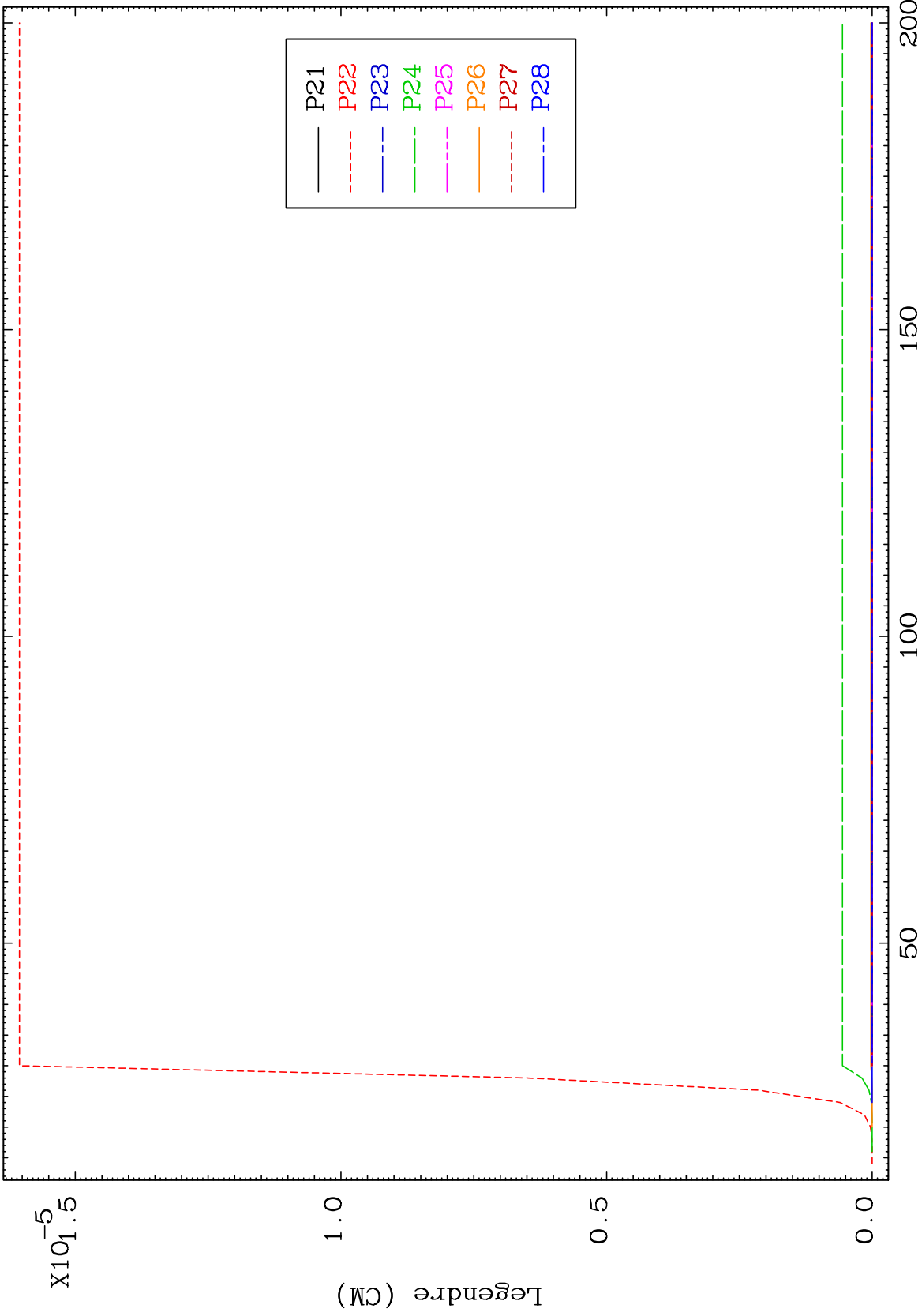
Incident Energy (MeV)

81-T1-206

MAT 8134

MT= 78 (n,n') Level  
Legendre Coefficients

81-T1-206



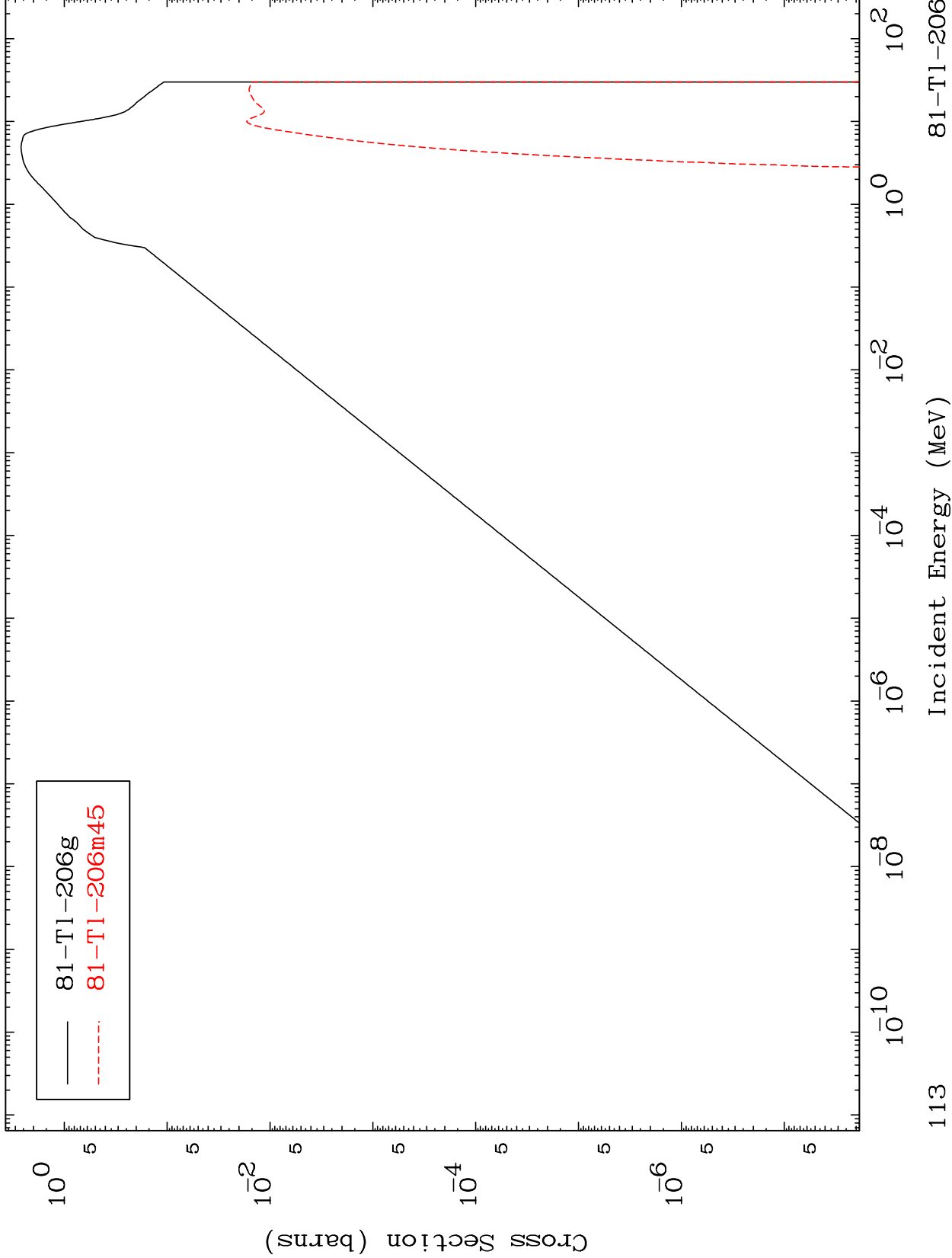
112

81-T1-206

MAT 8134

Inelastic  
Radionuclide Production Cross Section

81-Tl-206

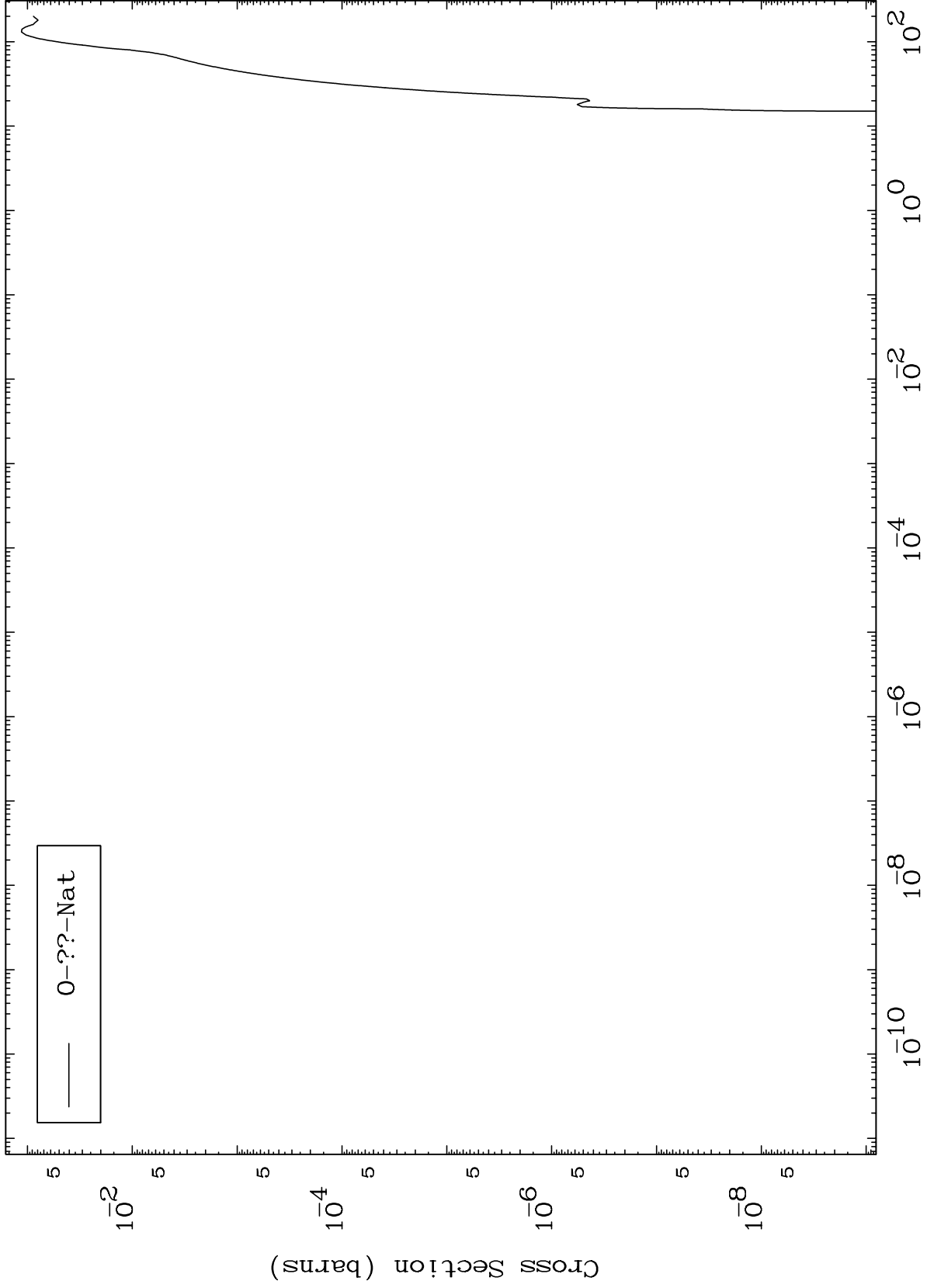


MAT 8134

Fission

81-Tl-206

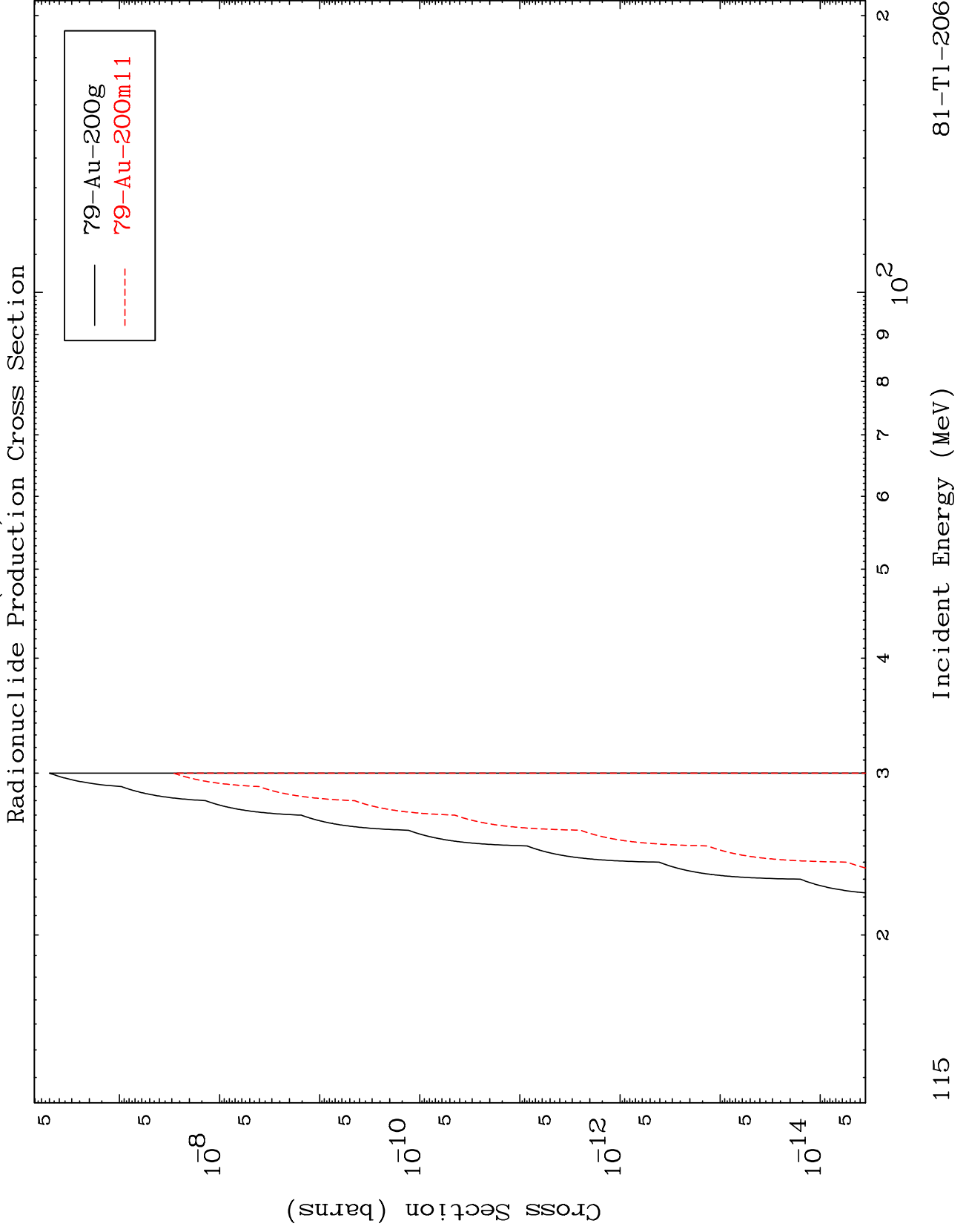
Radionuclide Production Cross Section



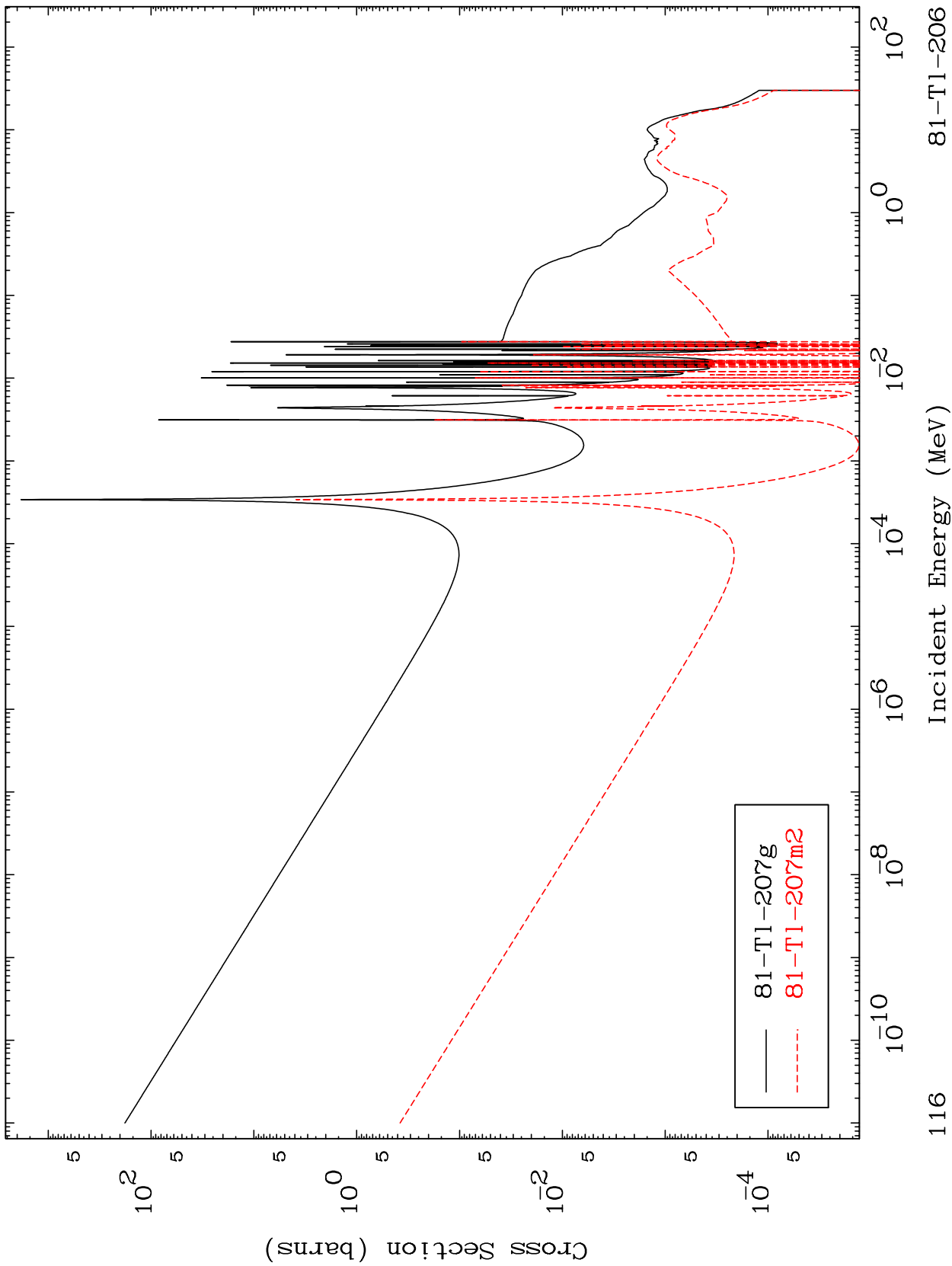
114

Incident Energy (MeV)

81-Tl-206



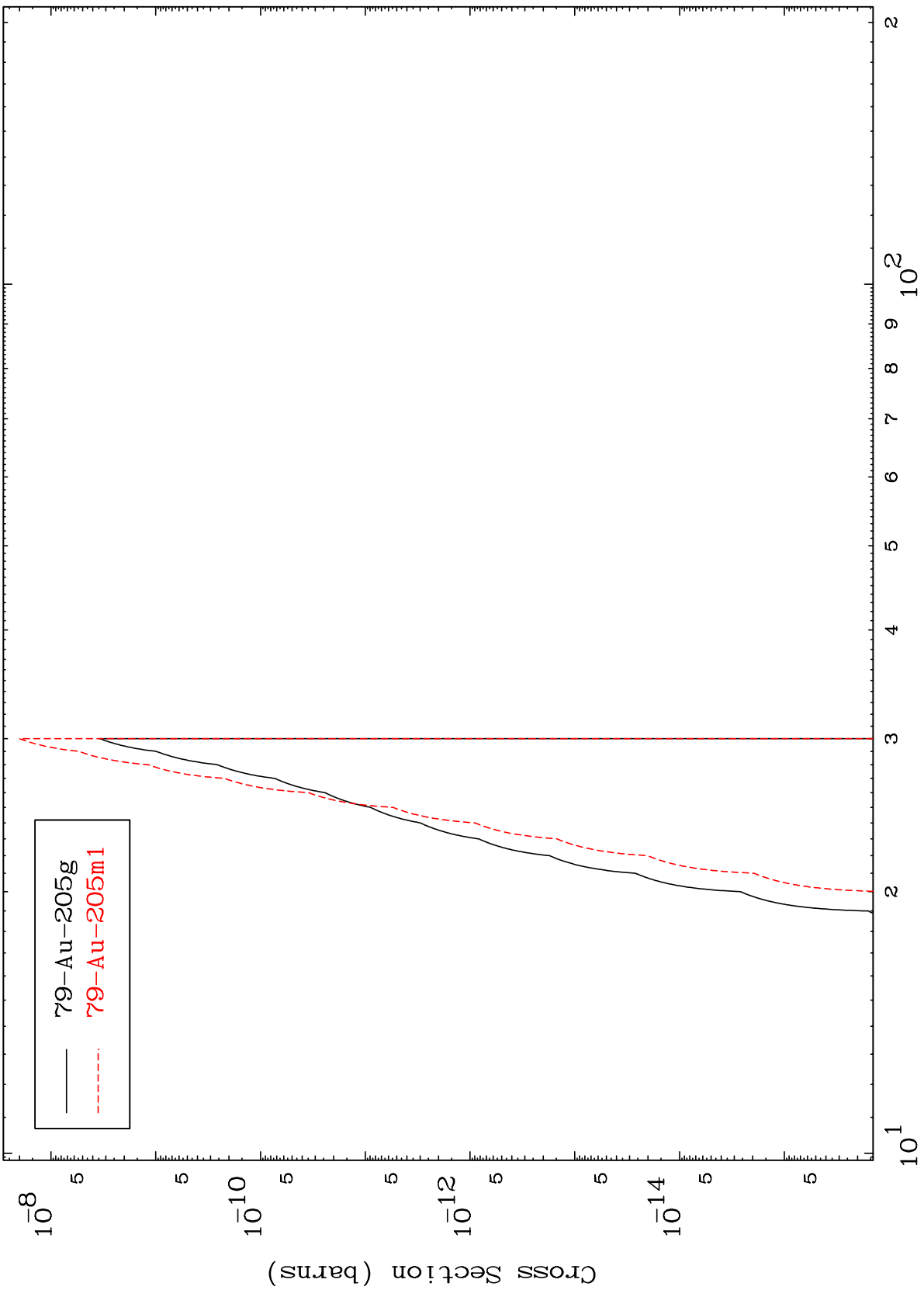
$(n, \gamma)$   
Radionuclide Production Cross Section



MAT 8134

81-Tl-206

(n,2p)  
Radionuclide Production Cross Section



79-Au-205g  
79-Au-205m1

117

Incident Energy (MeV)

81-Tl-206