

Program EVALPLOT
(Version 2017-1)

by

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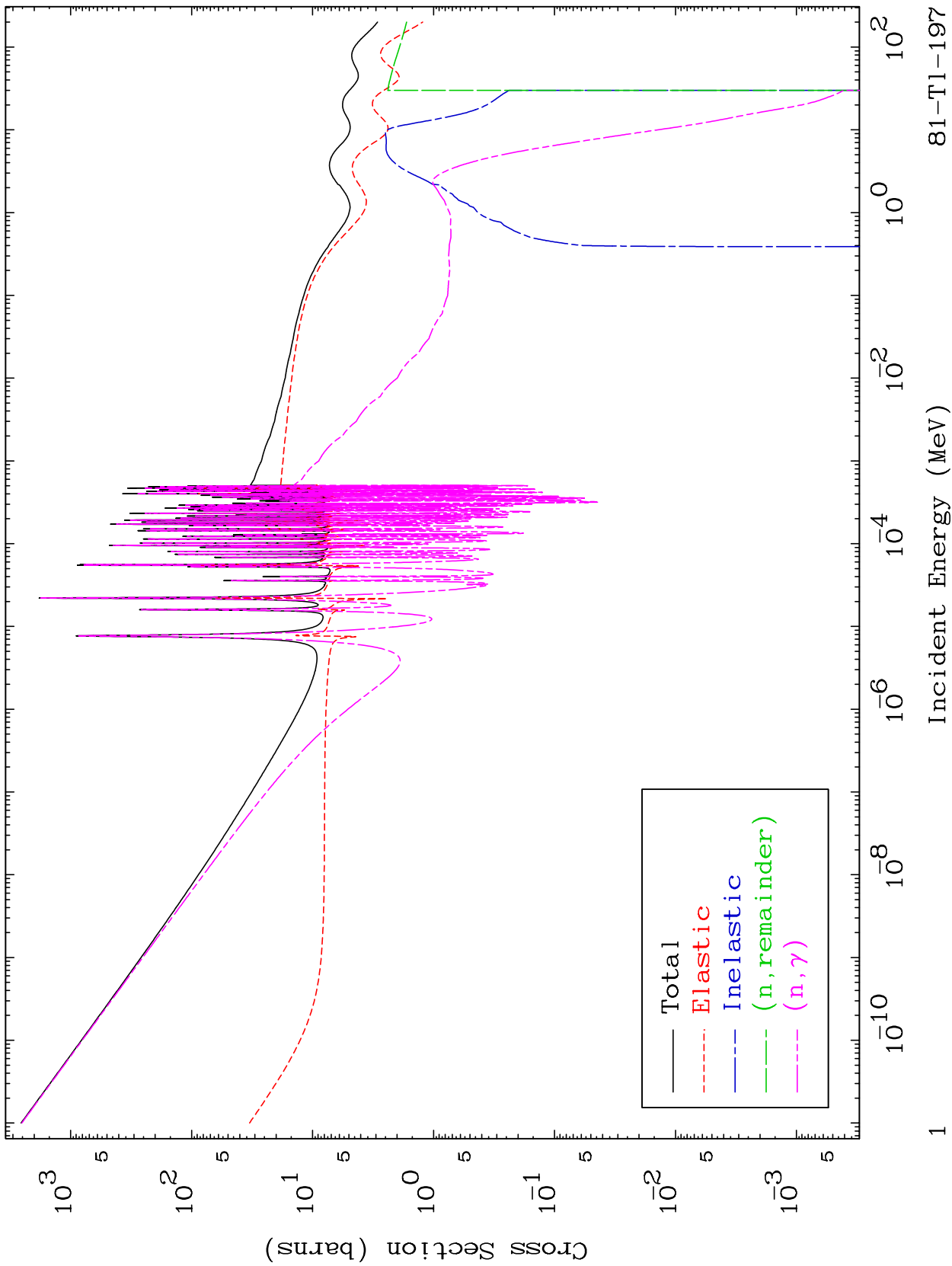
Press Mouse Button to Start

MAT 8107

Major

293 Kelvin Cross Sections

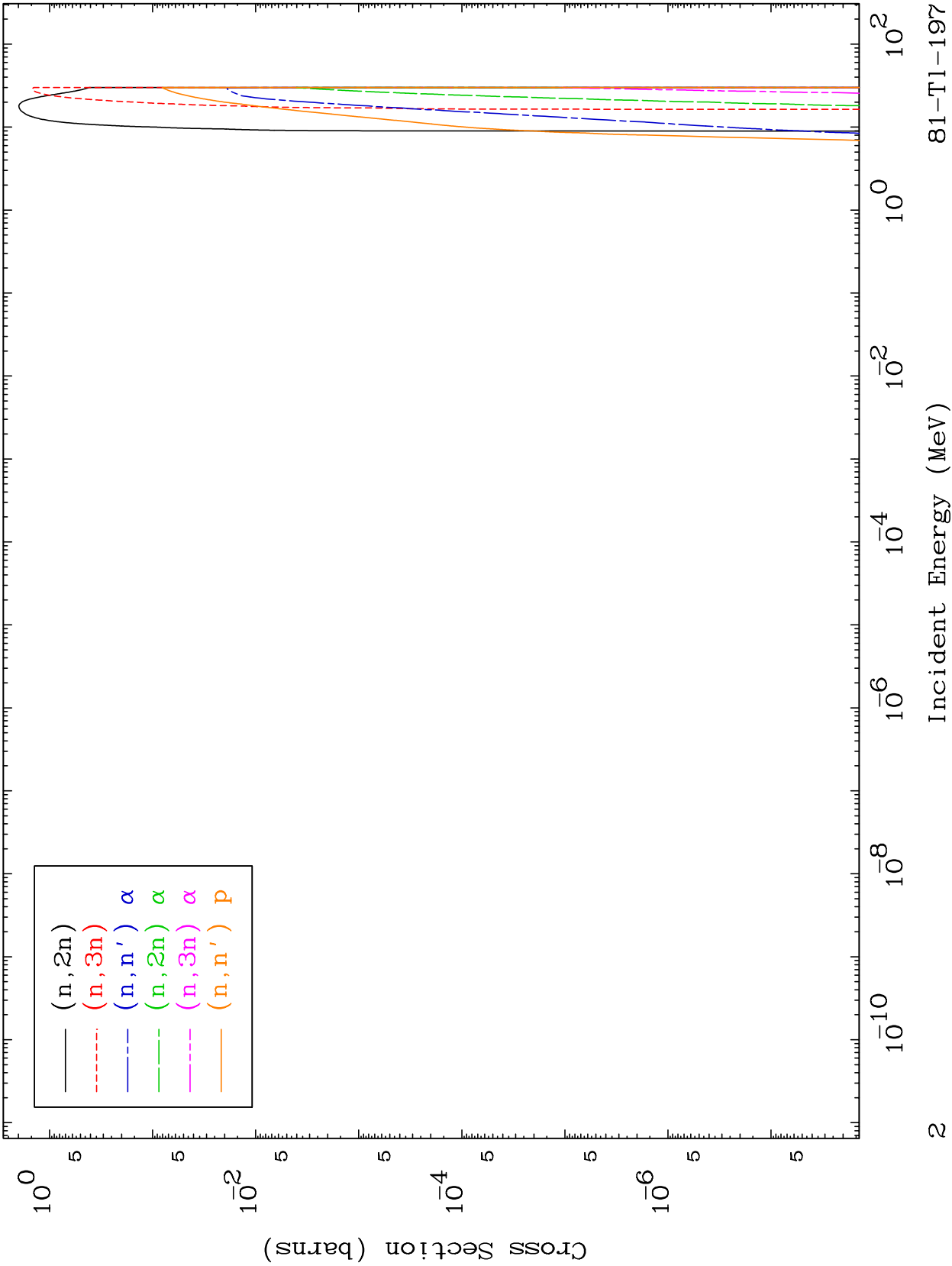
81-Tl-197

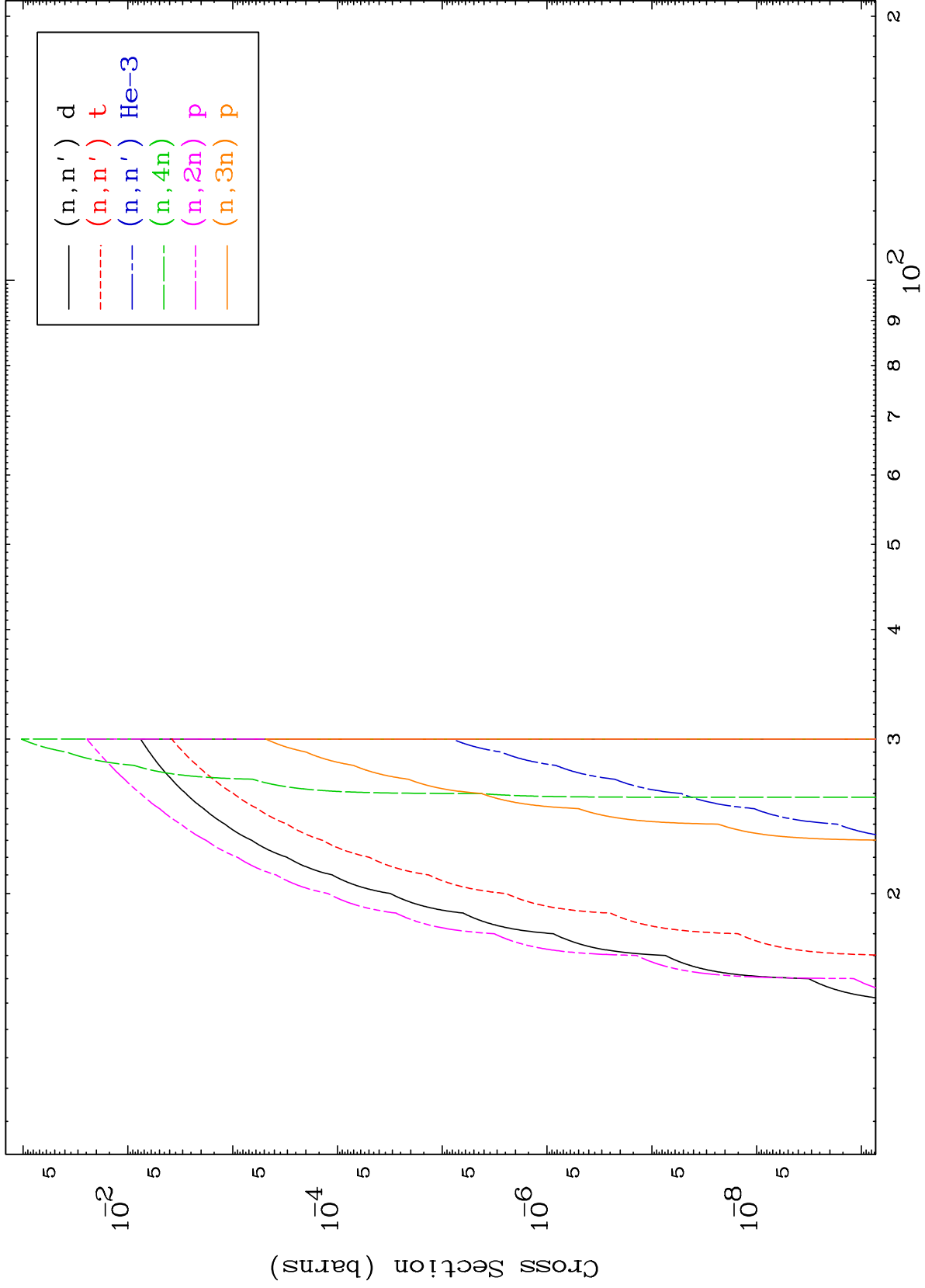


MAT 8107

Neutron Production
293 Kelvin Cross Sections

81-Tl-197

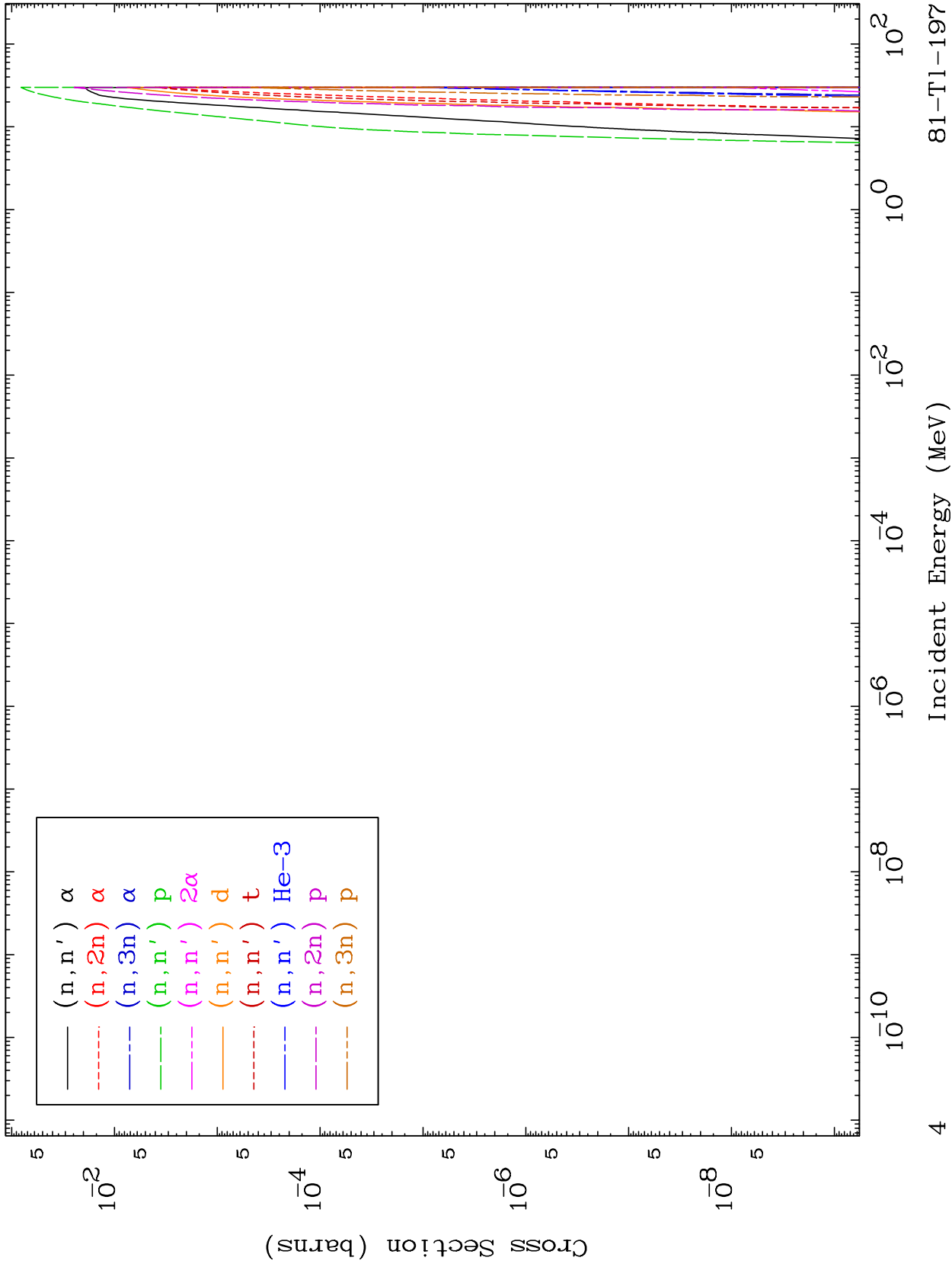




MAT 8107

Charged Particle
293 Kelvin Cross Sections

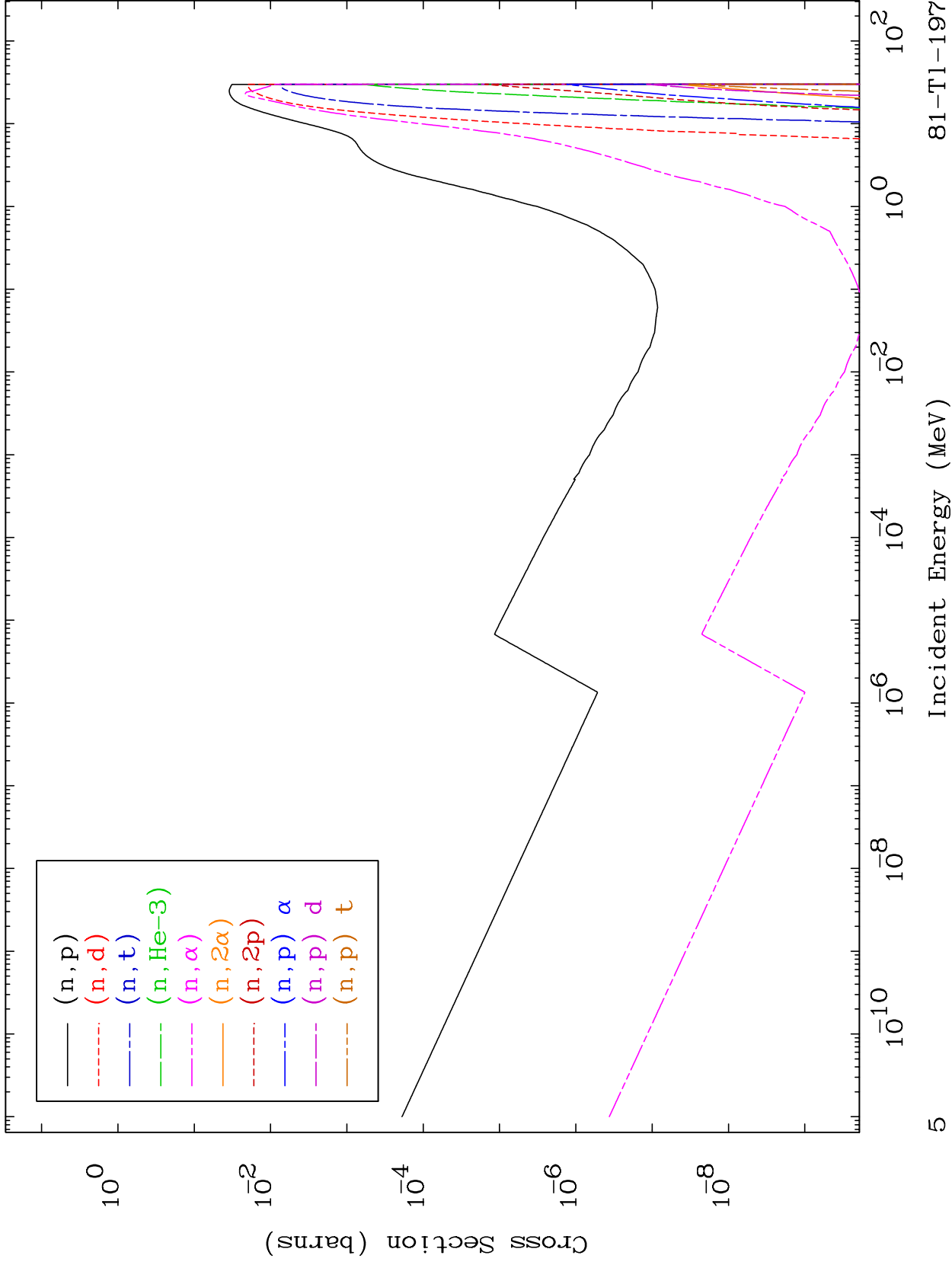
81-T1-197

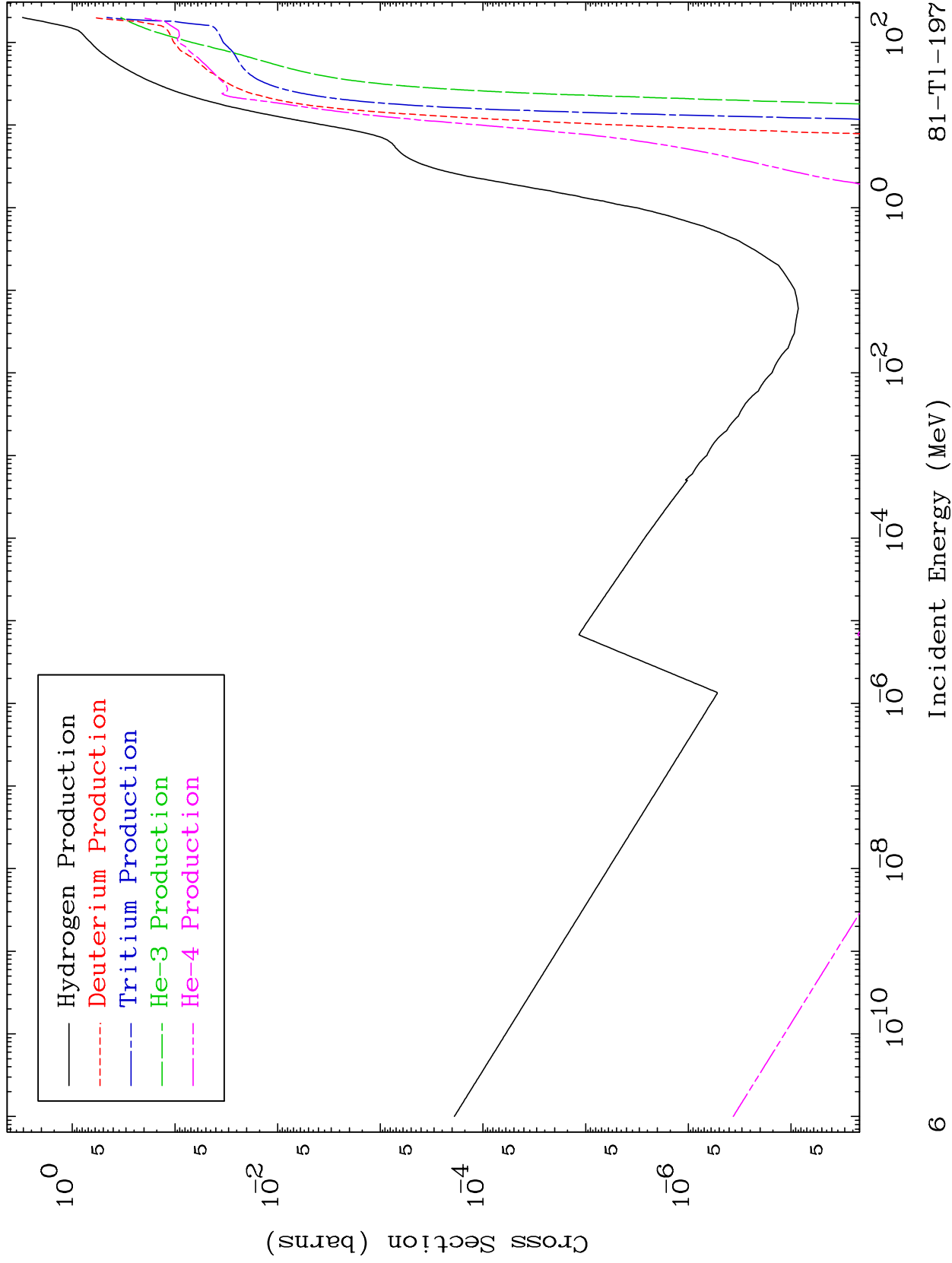


MAT 8107

Charged Particle
293 Kelvin Cross Sections

81-Tl-197



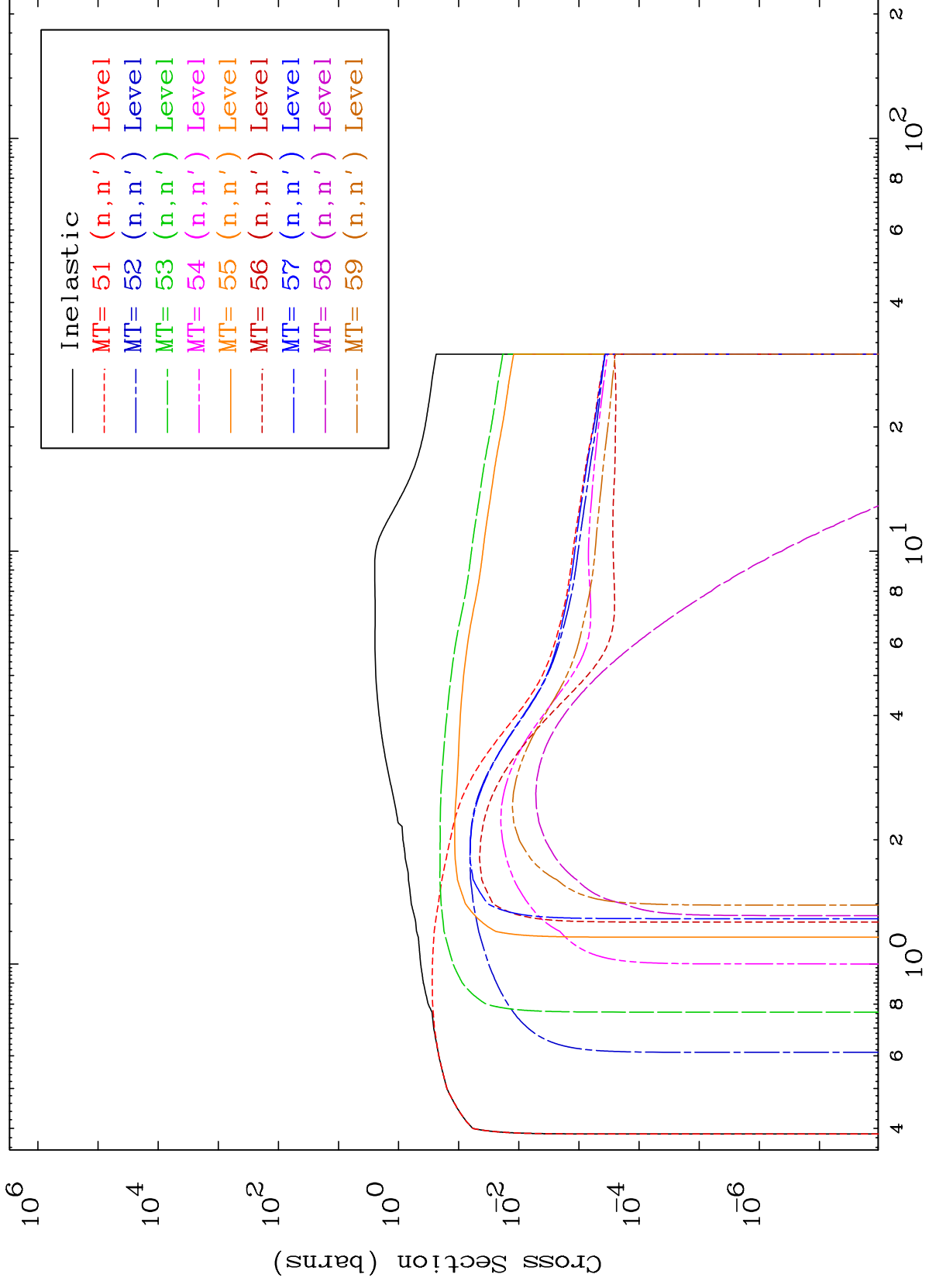


MAT 8107

(n,n') Level

81-Tl-197

293 Kelvin Cross Sections



7

Incident Energy (MeV)

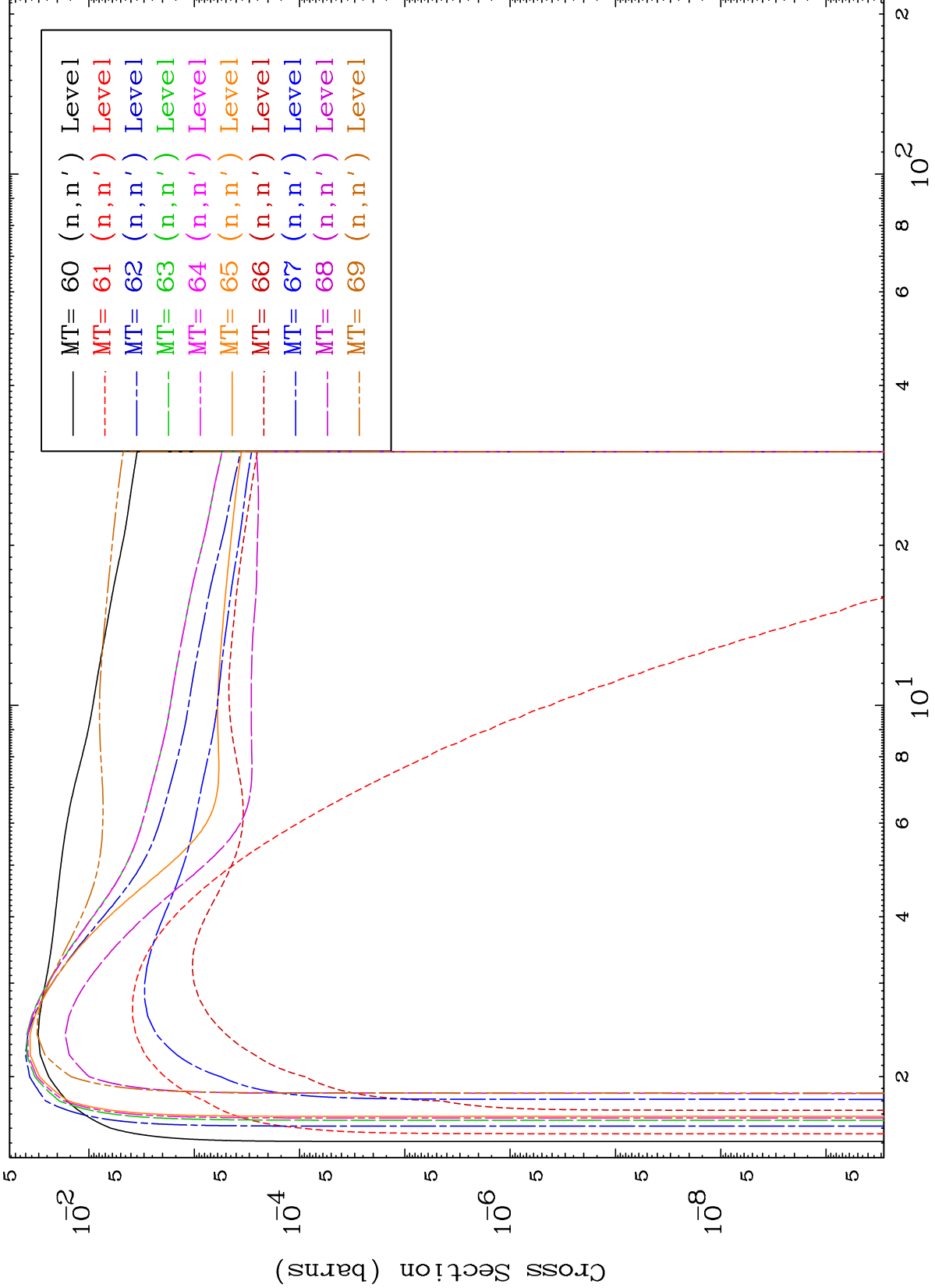
81-Tl-197

MAT 8107

(n,n') Level

81-Tl-197

293 Kelvin Cross Sections

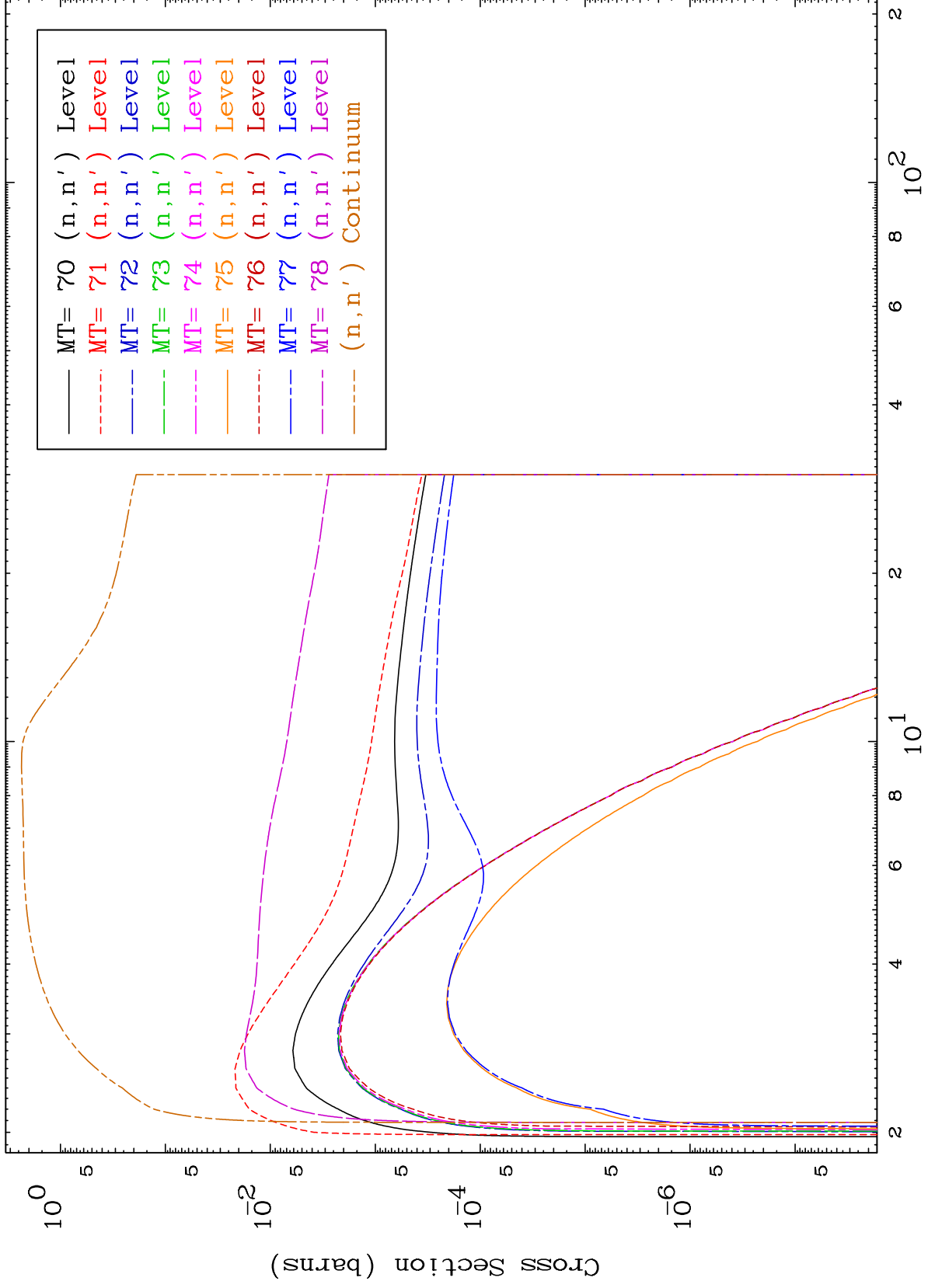


8

Incident Energy (MeV)

81-Tl-197

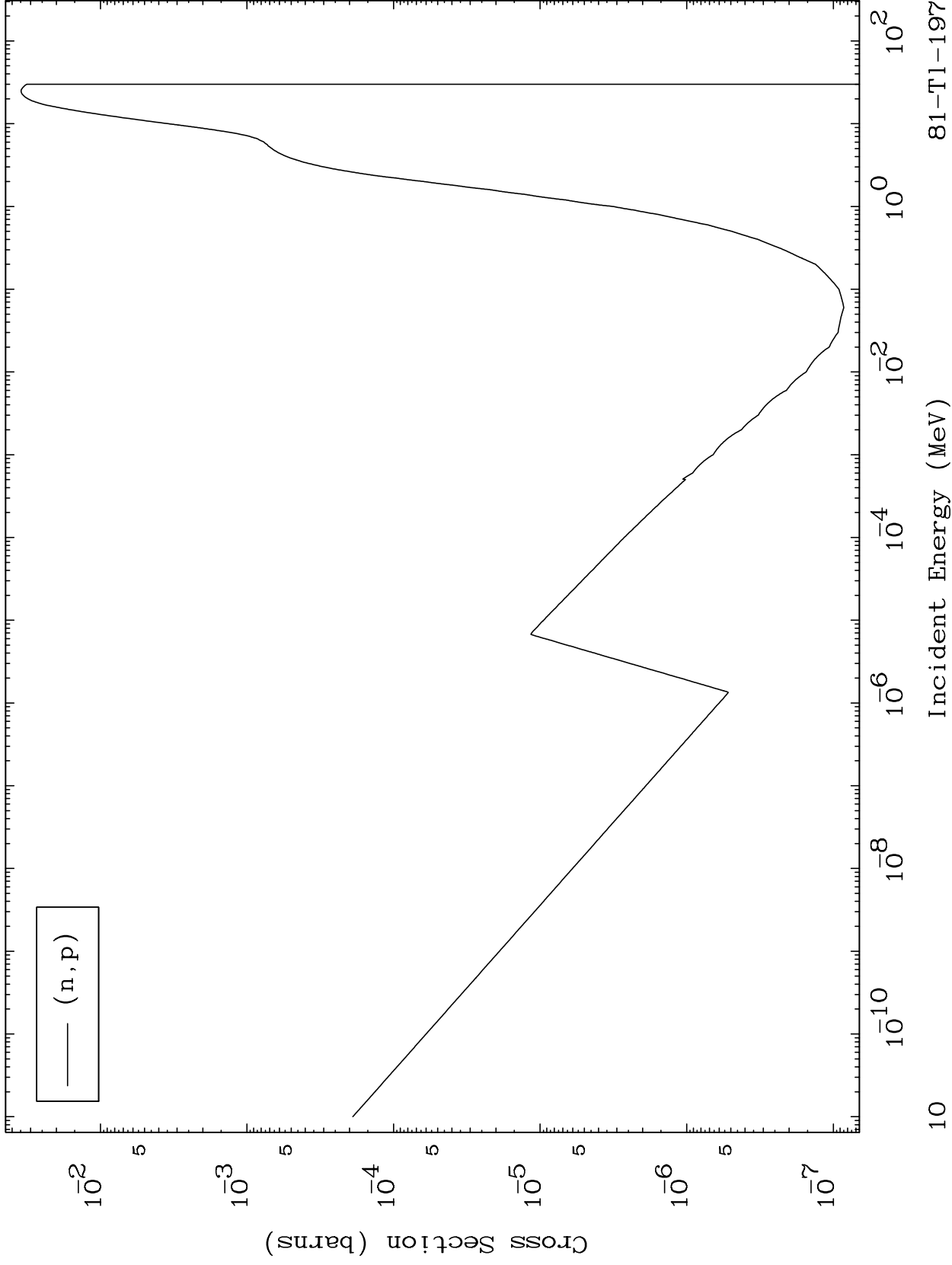
293 Kelvin Cross Sections



MAT 8107

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-197



10

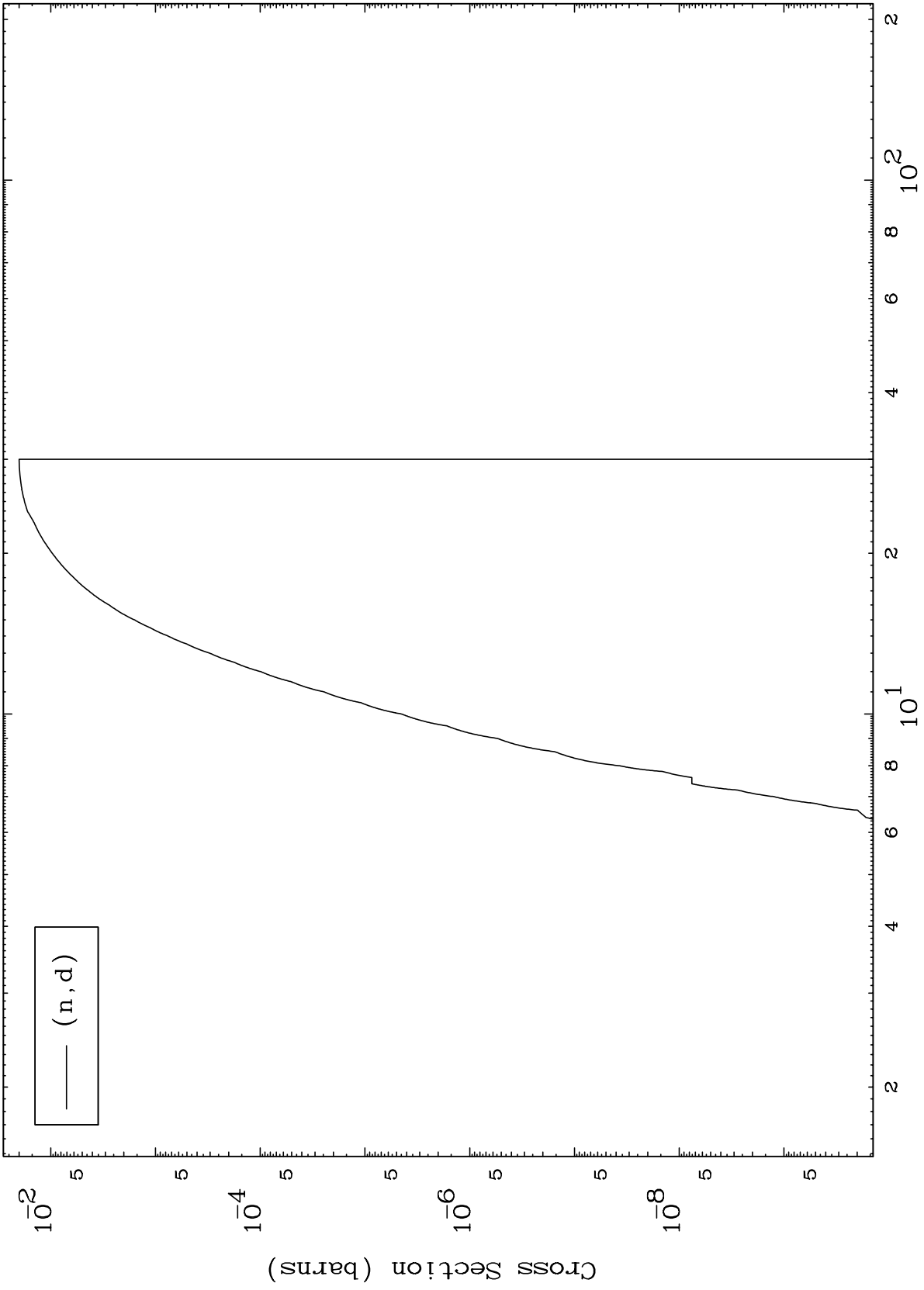
Incident Energy (MeV)

81-Tl-197

MAT 8107

(n,d) Levels
293 Kelvin Cross Sections

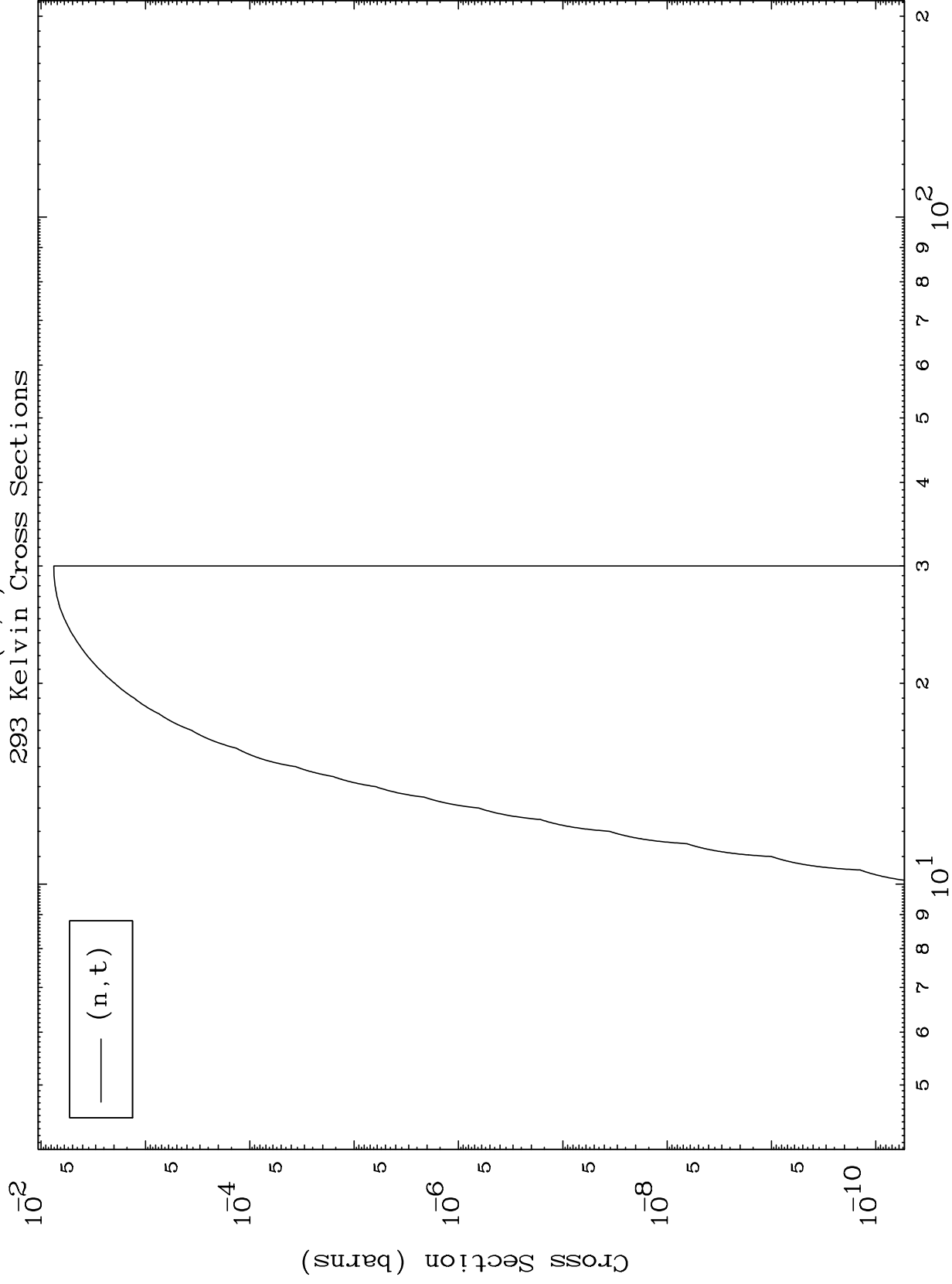
81-T1-197



MAT 8107

(n,t) Levels
293 Kelvin Cross Sections

81-T1-197



12

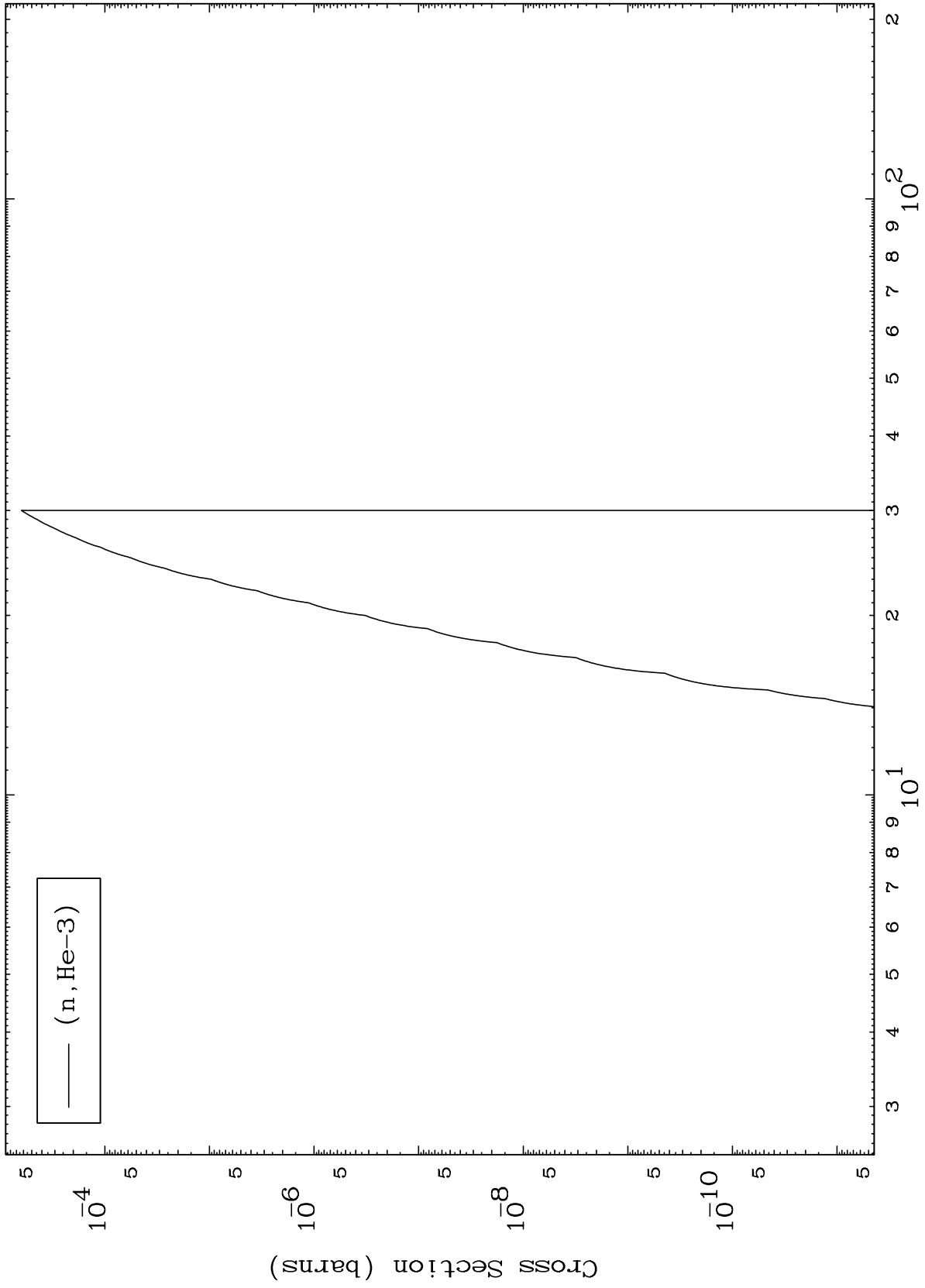
Incident Energy (MeV)

81-T1-197

MAT 8107

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-197



13

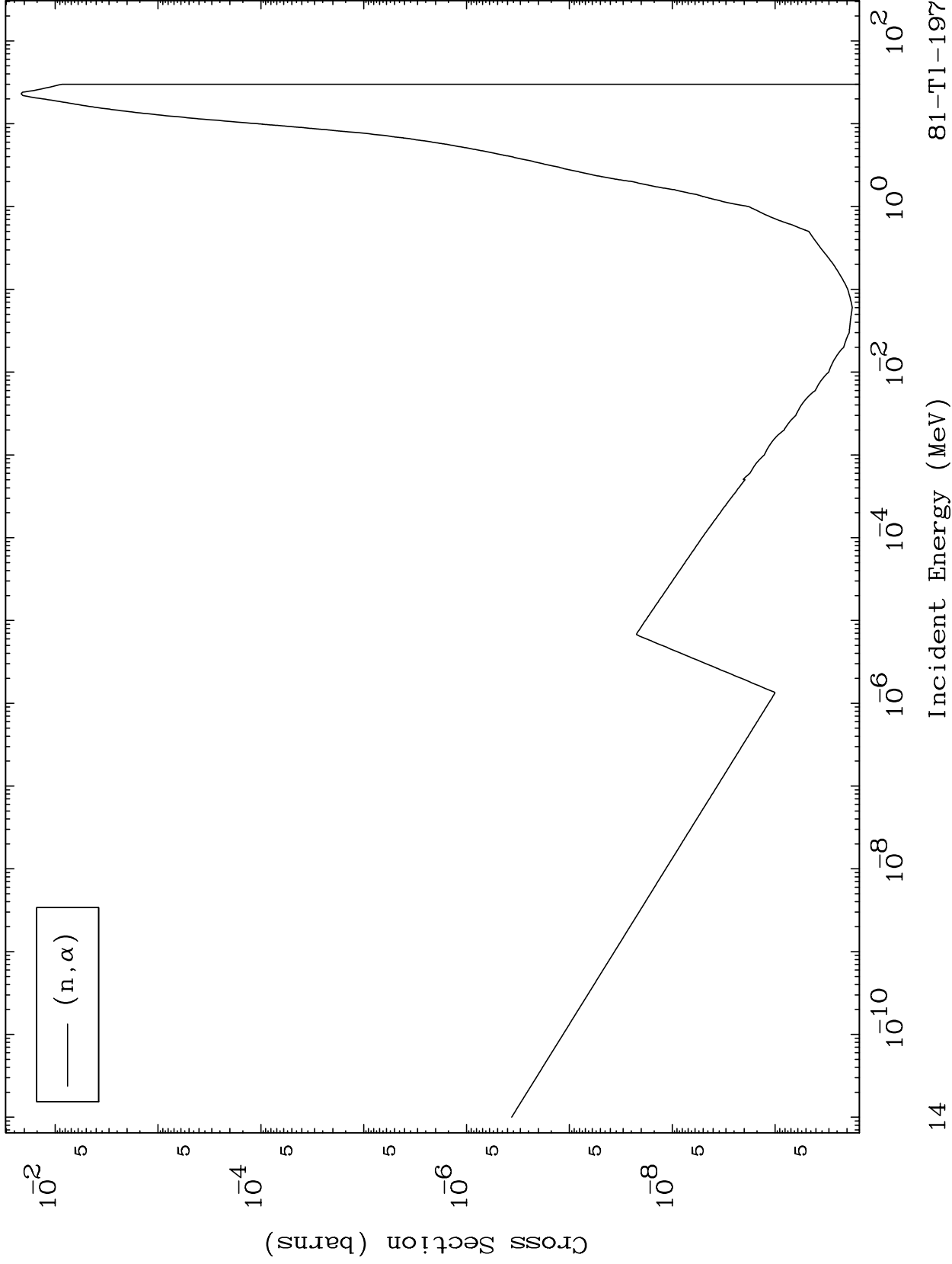
Incident Energy (MeV)

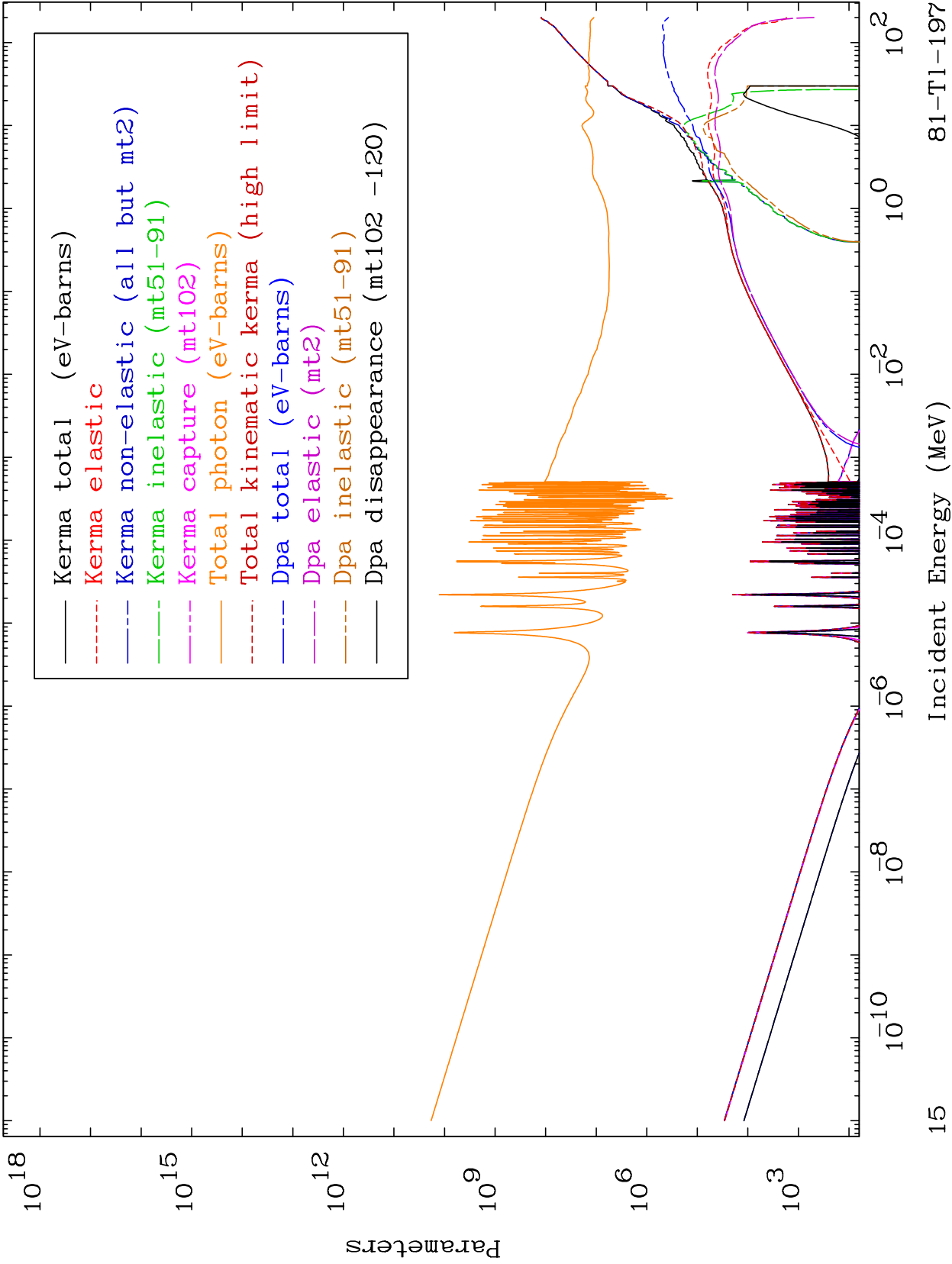
81-T1-197

MAT 8107

(n, α) Levels
293 Kelvin Cross Sections

81-Tl-197

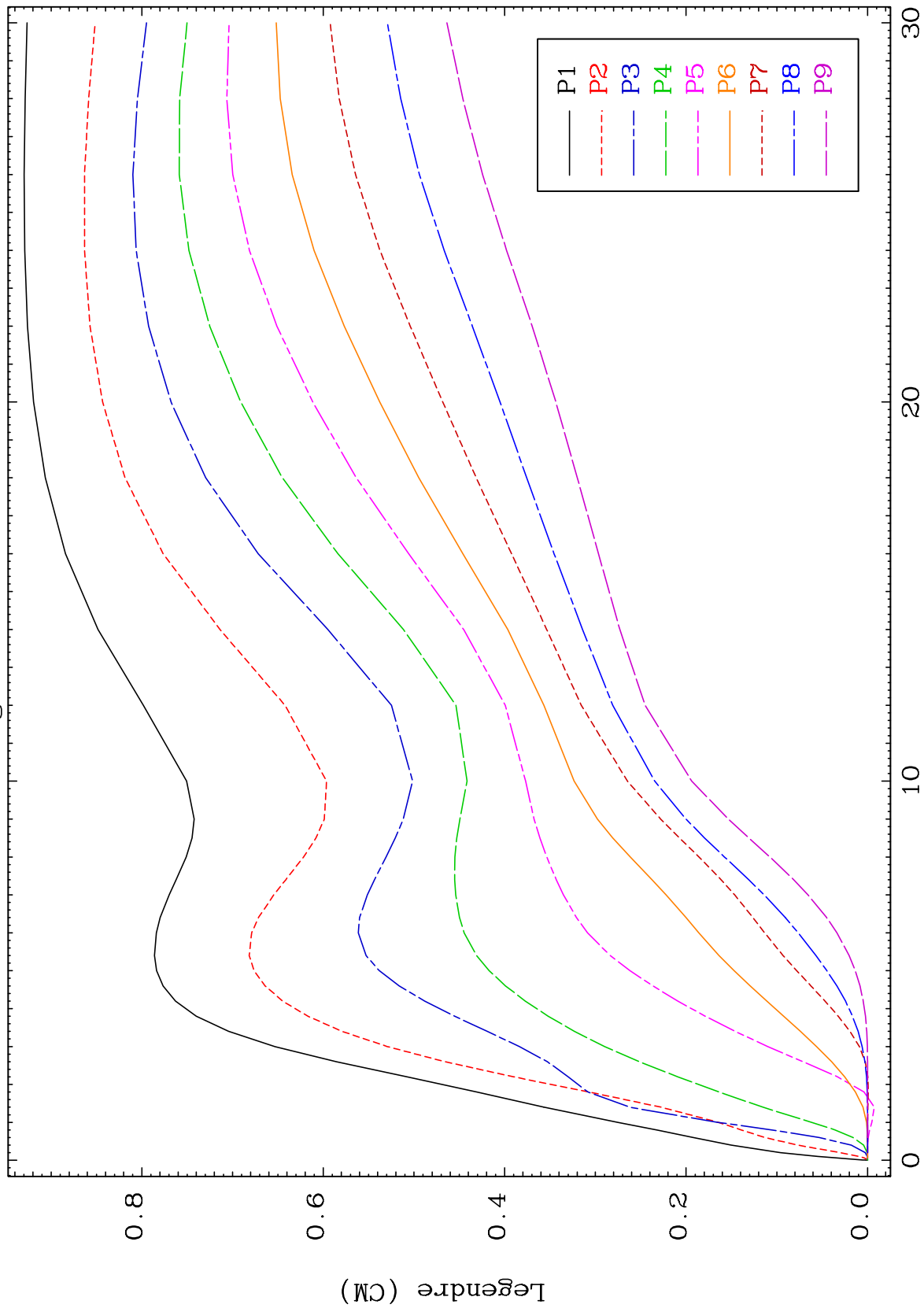




MAT 8107

Elastic Legendre Coefficients

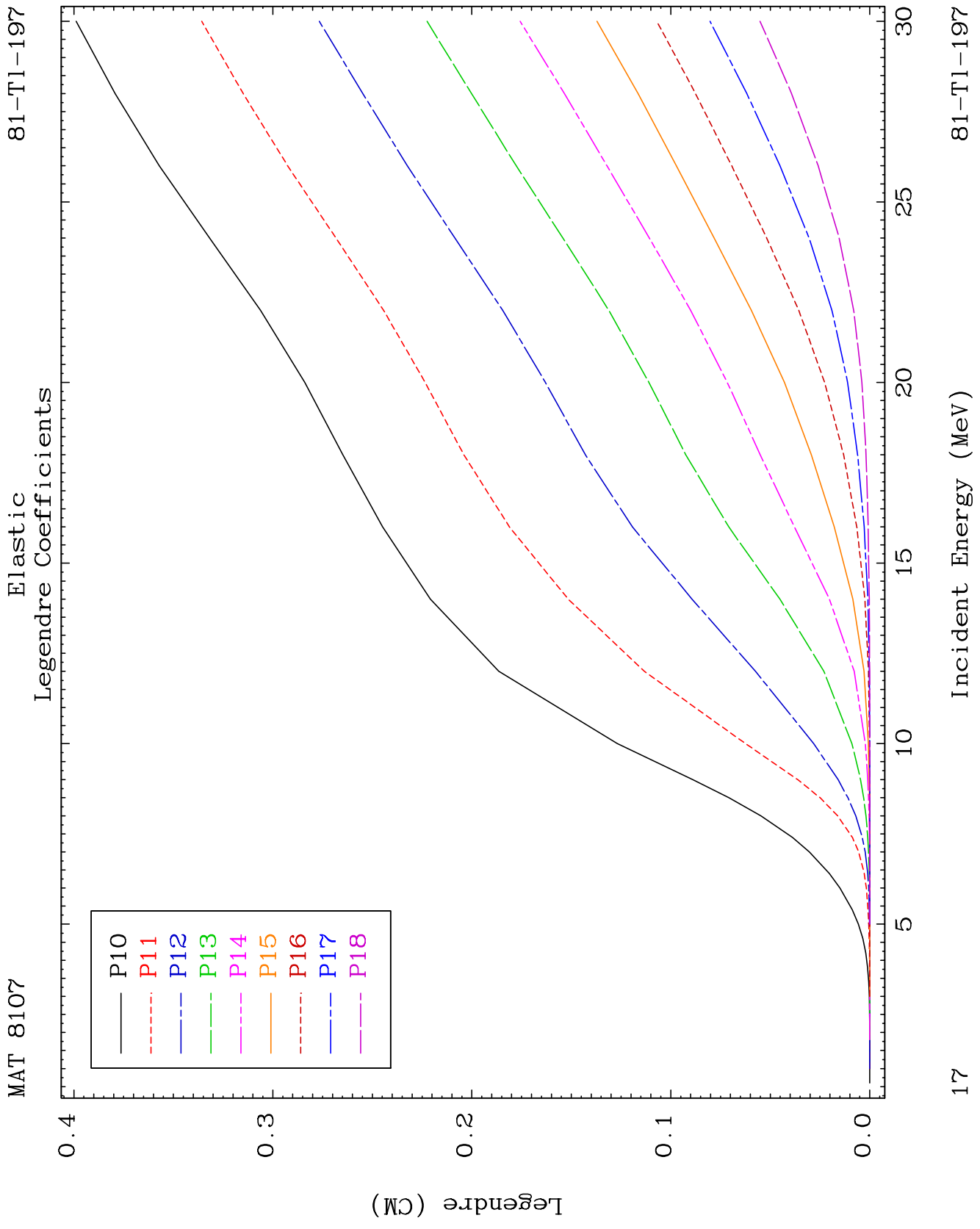
81-Tl-197



16

Incident Energy (MeV)

81-Tl-197



81-T1-197

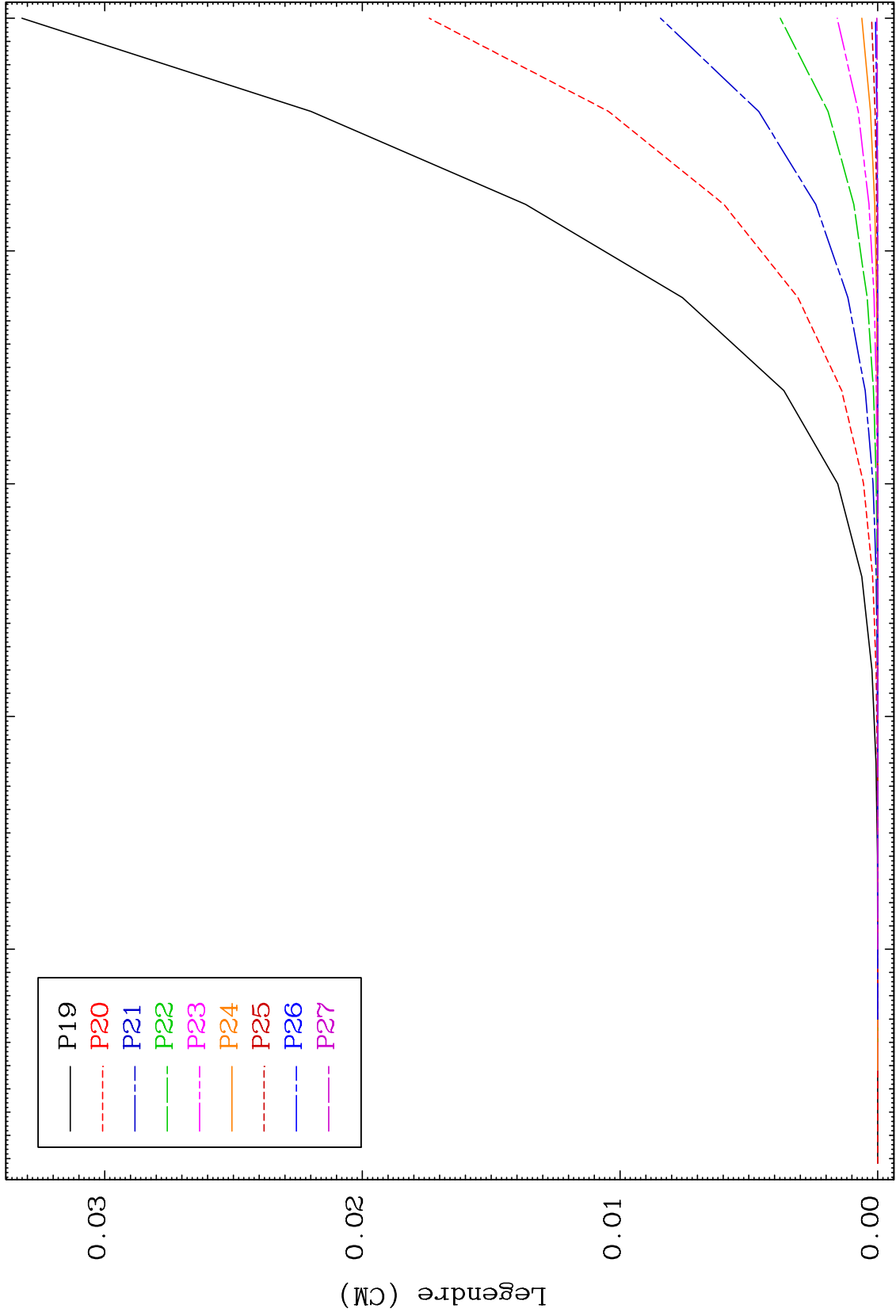
Incident Energy (MeV)

17

MAT 8107

Elastic Legendre Coefficients

81-T1-197



18

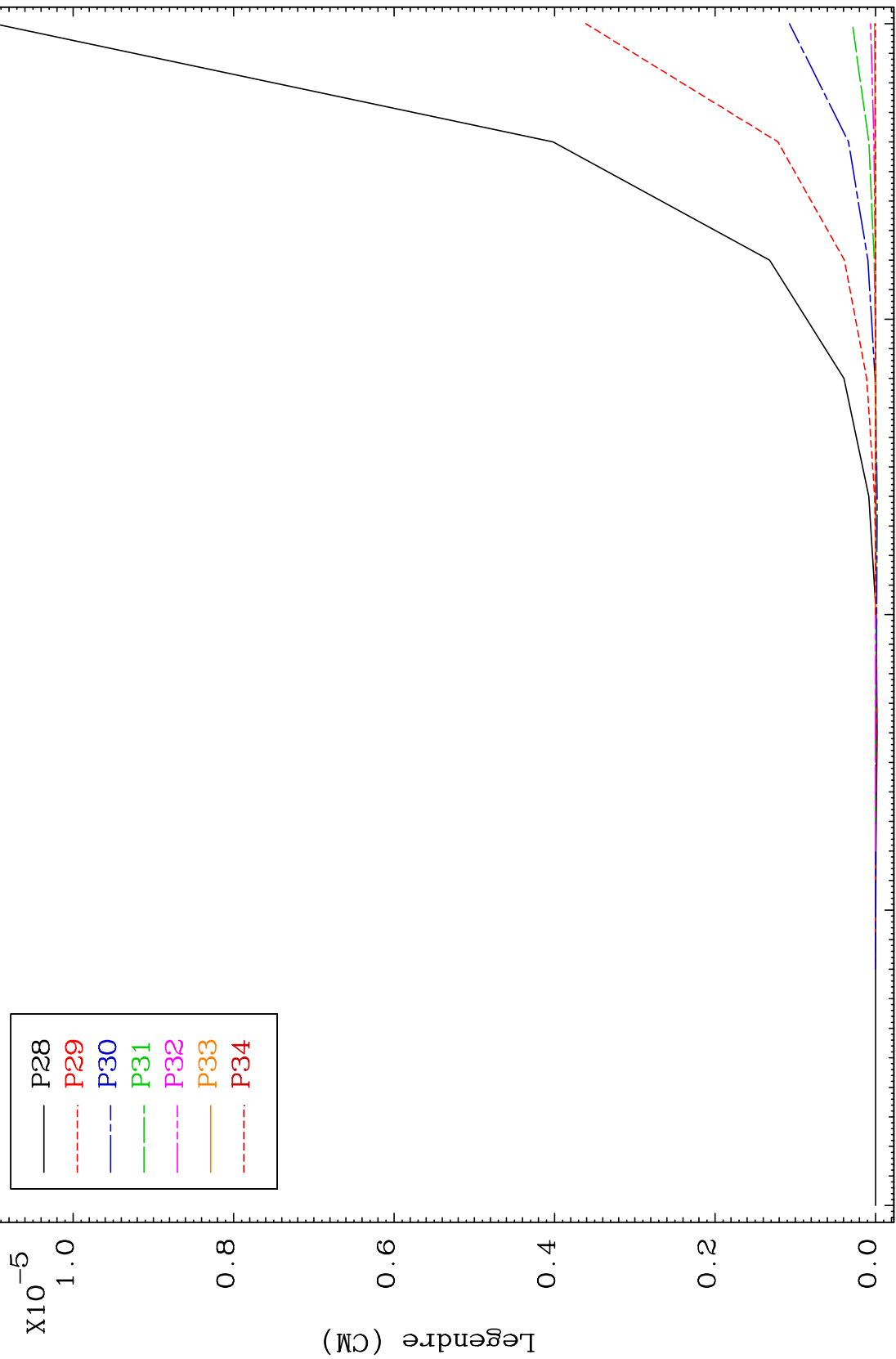
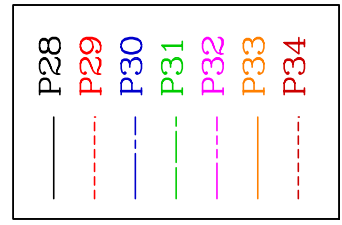
Incident Energy (MeV)

81-T1-197

MAT 8107

Elastic Legendre Coefficients

81-T1-197



81-T1-197

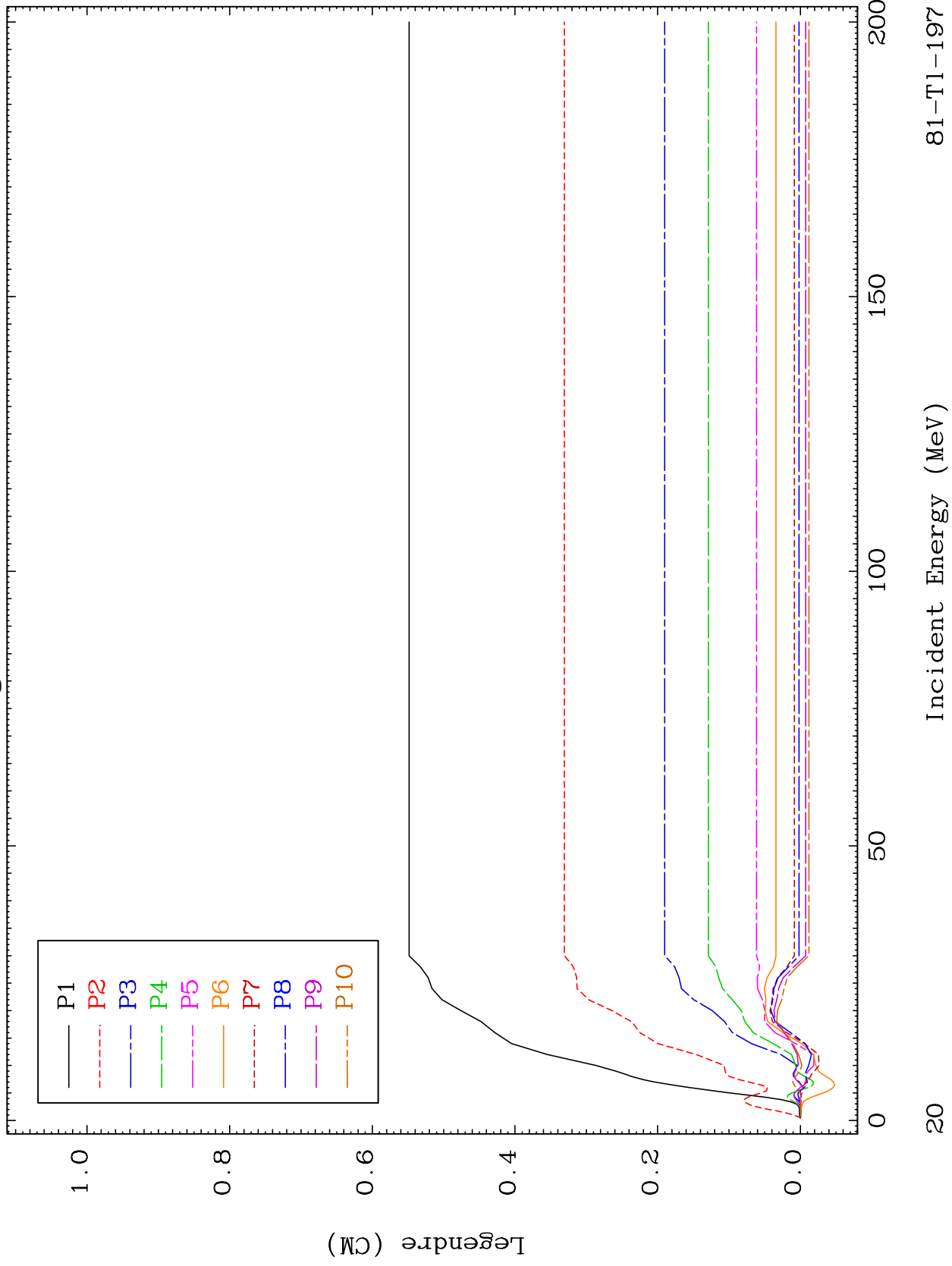
Incident Energy (MeV)

19

MAT 8107

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

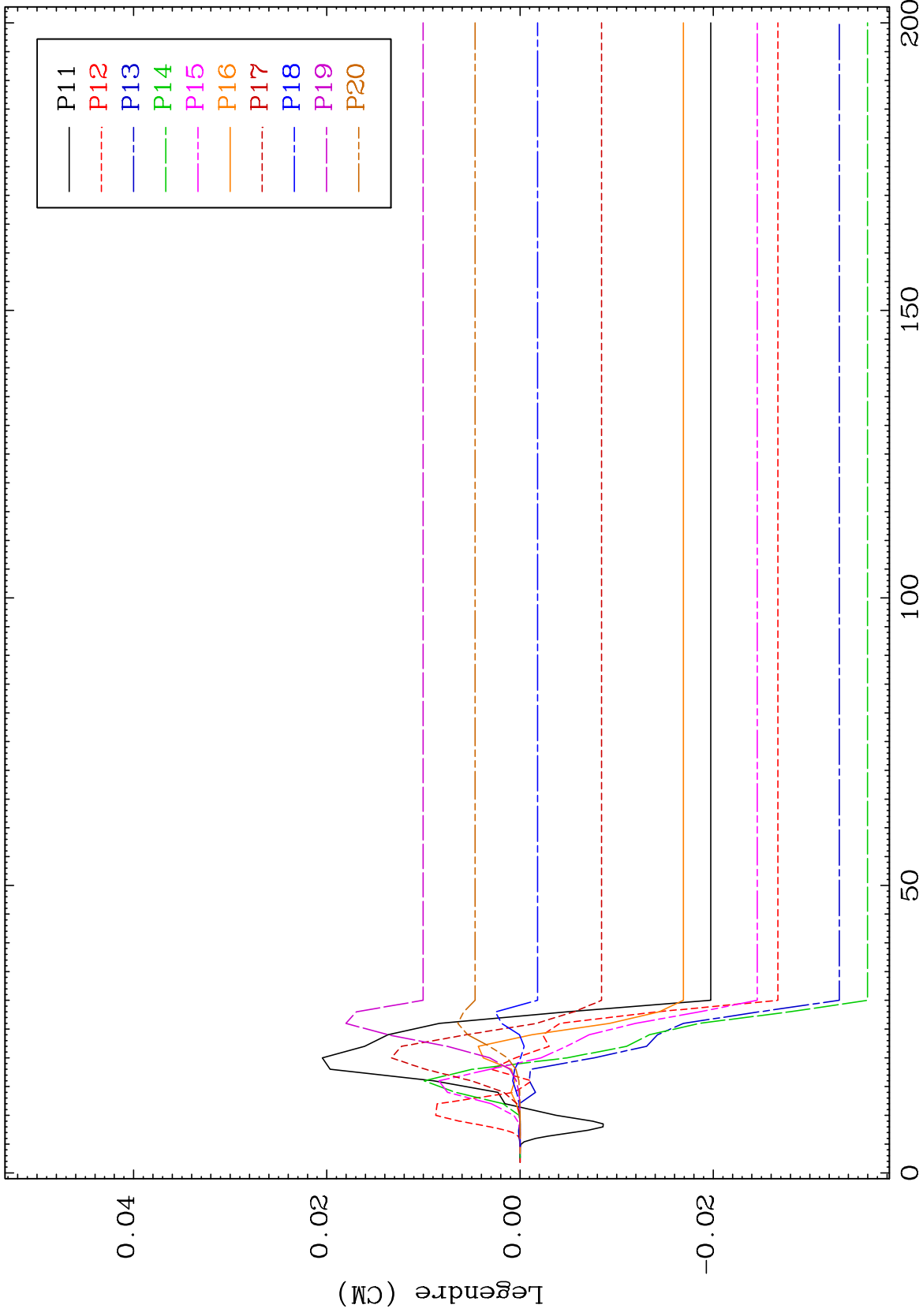
81-T1-197



MAT 8107

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

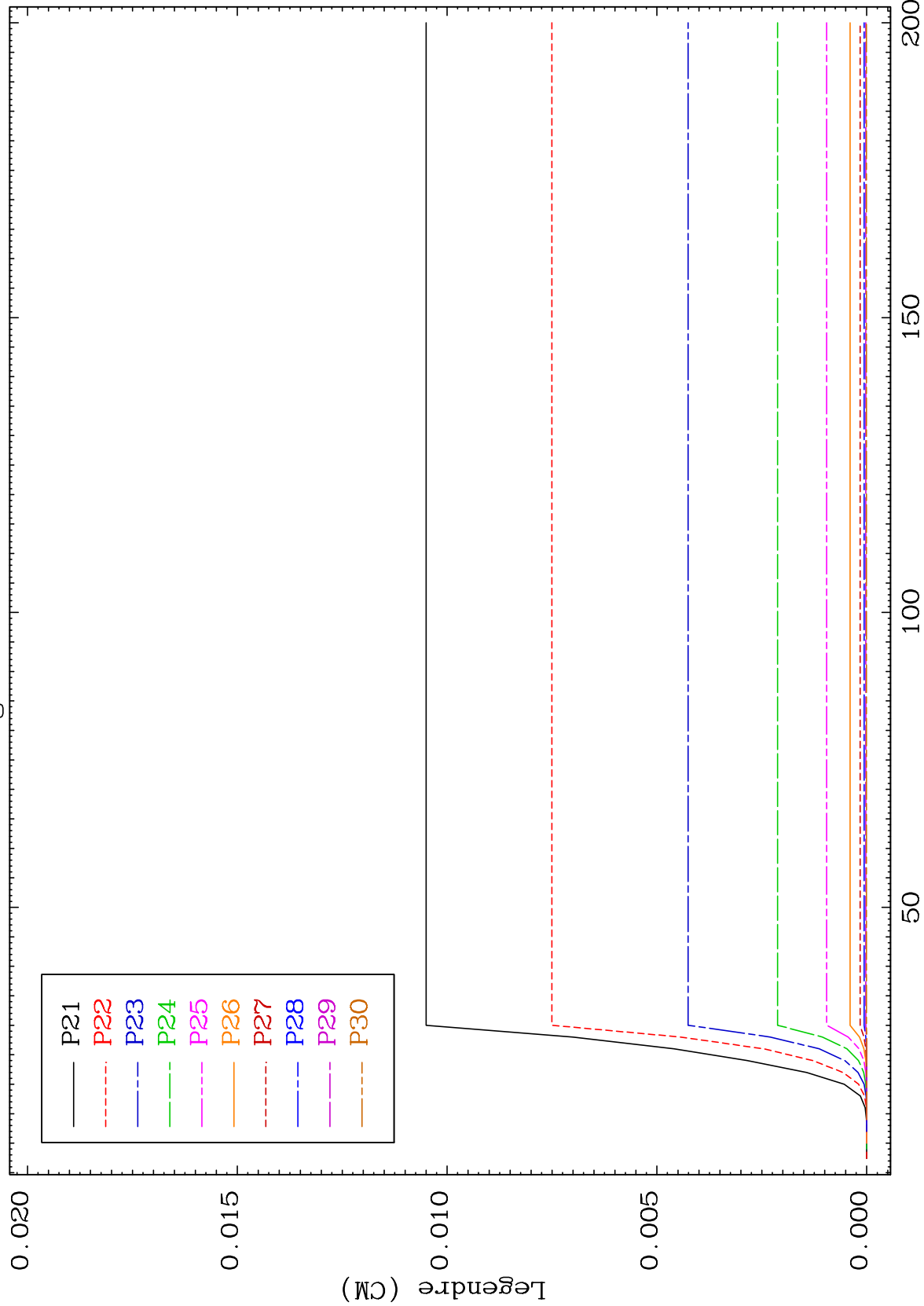
81-T1-197

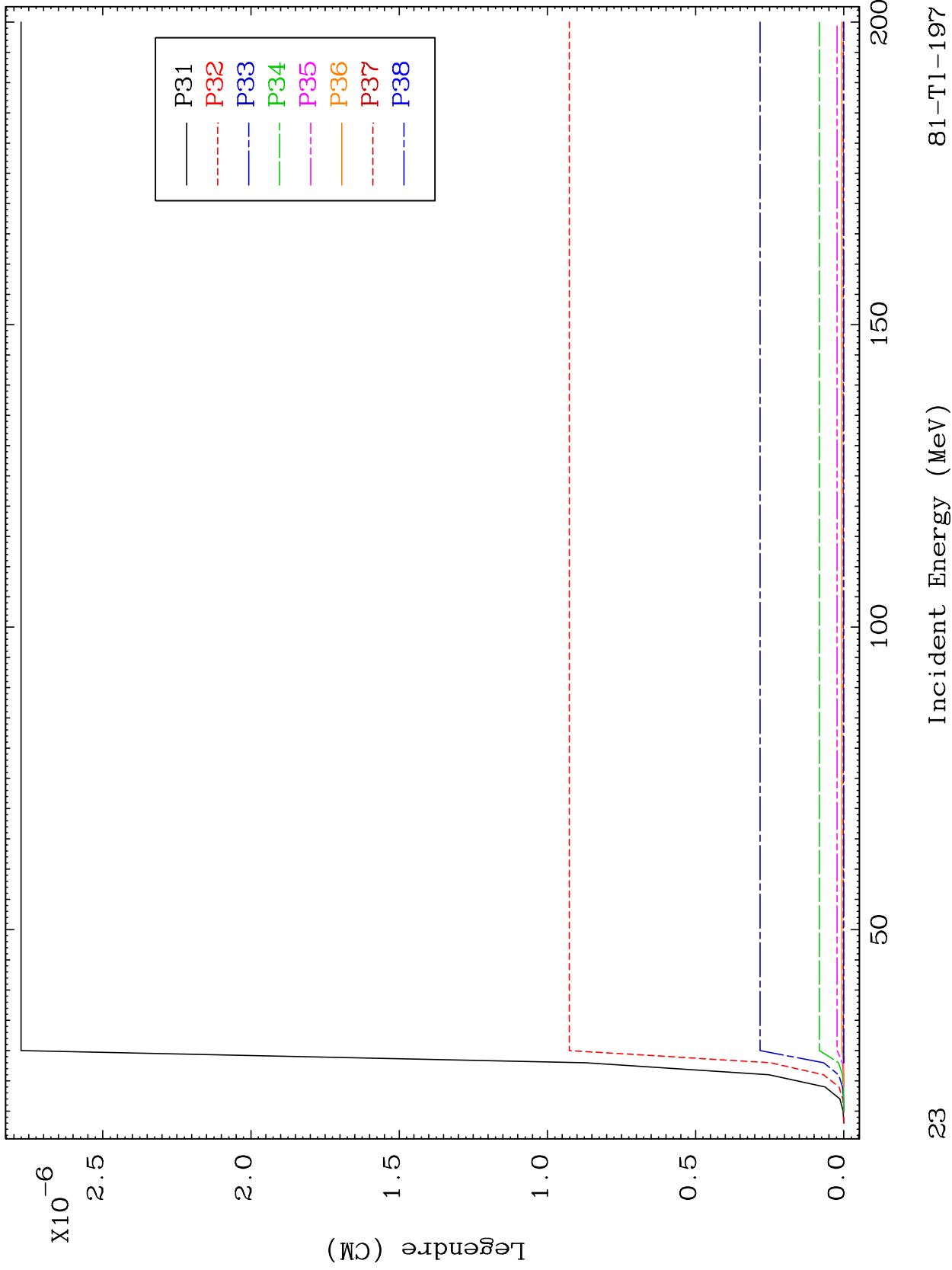


21

Incident Energy (MeV)

81-T1-197

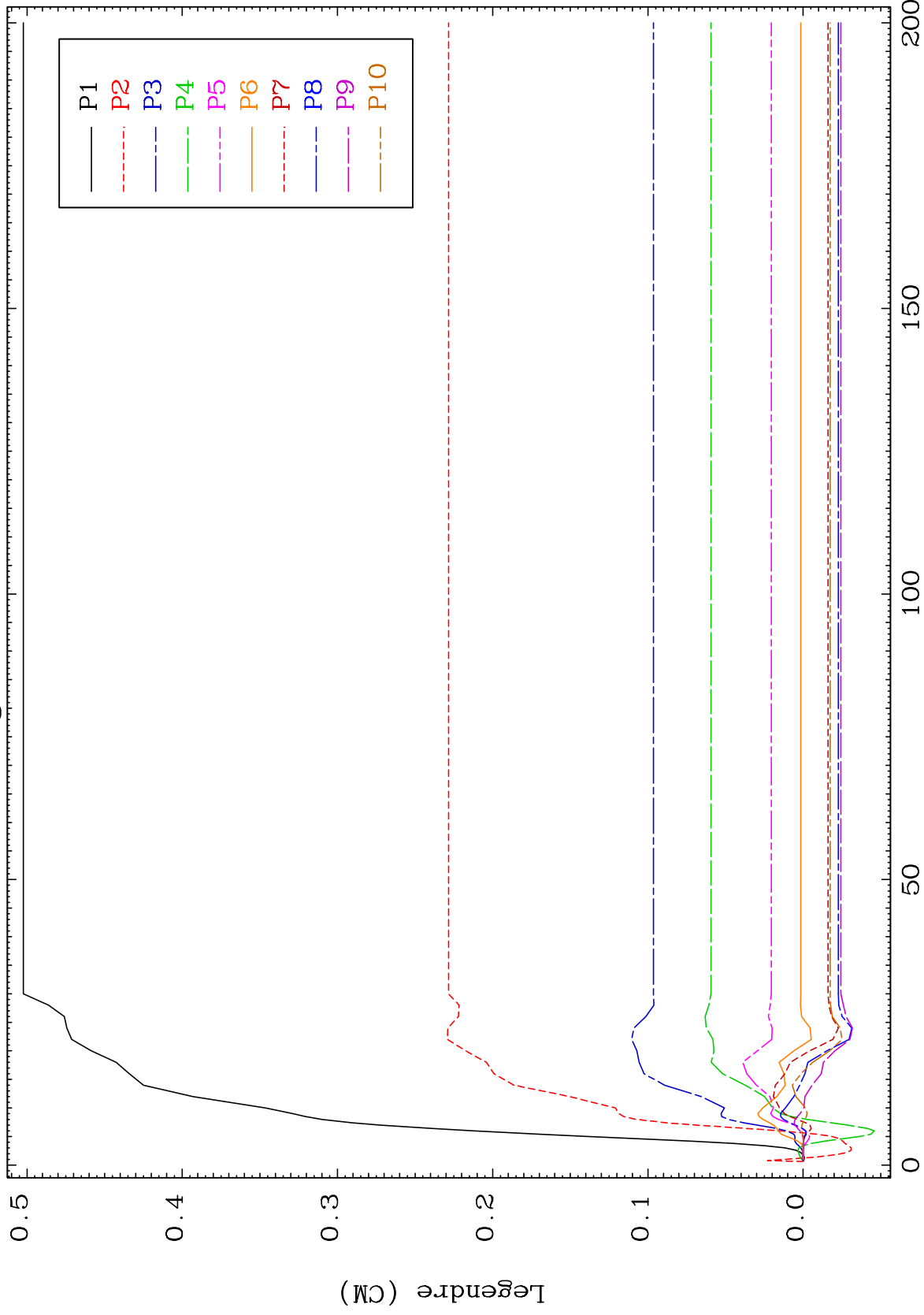




MAT 8107

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

81-T1-197



24

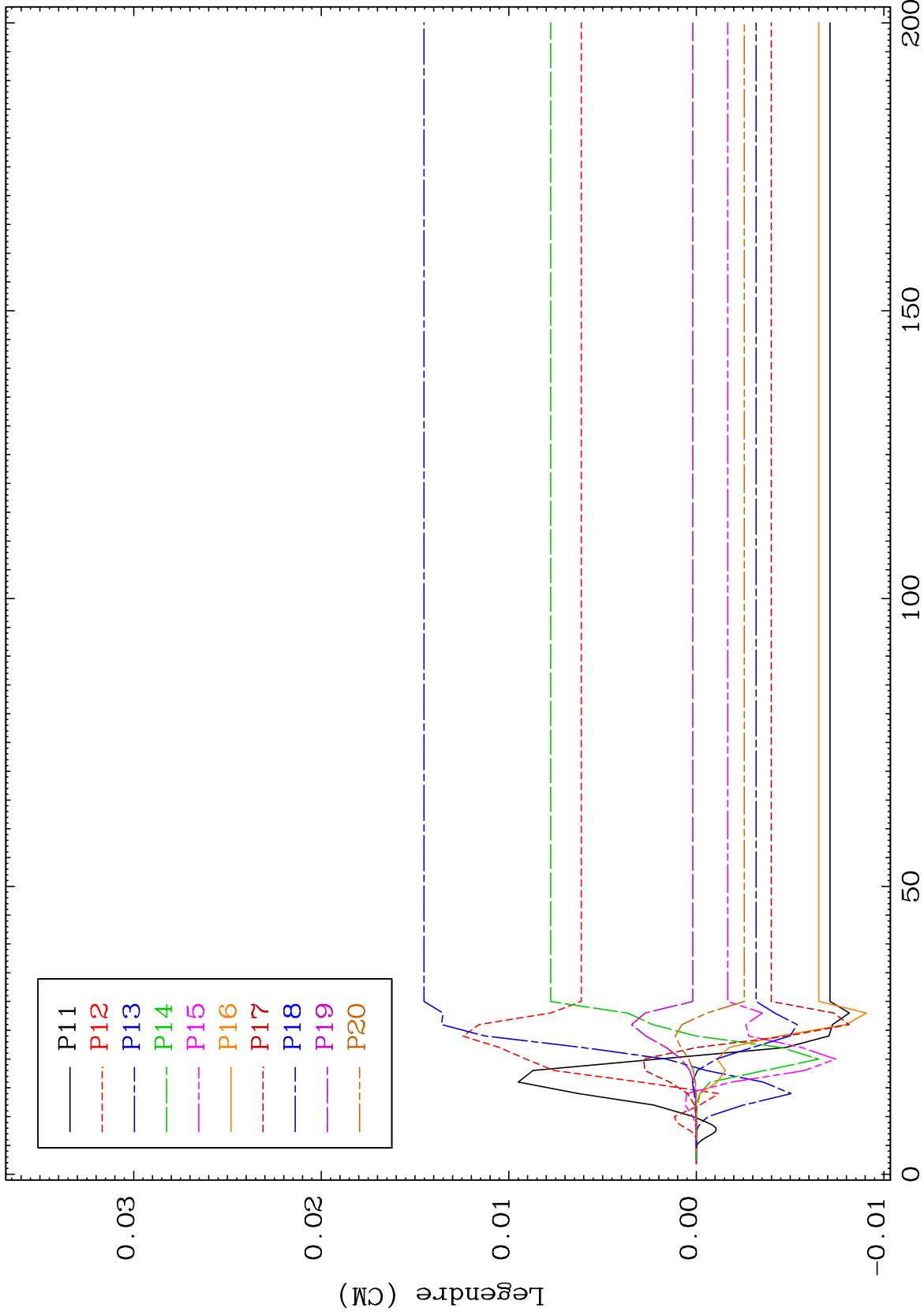
Incident Energy (MeV)

81-T1-197

MAT 8107

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

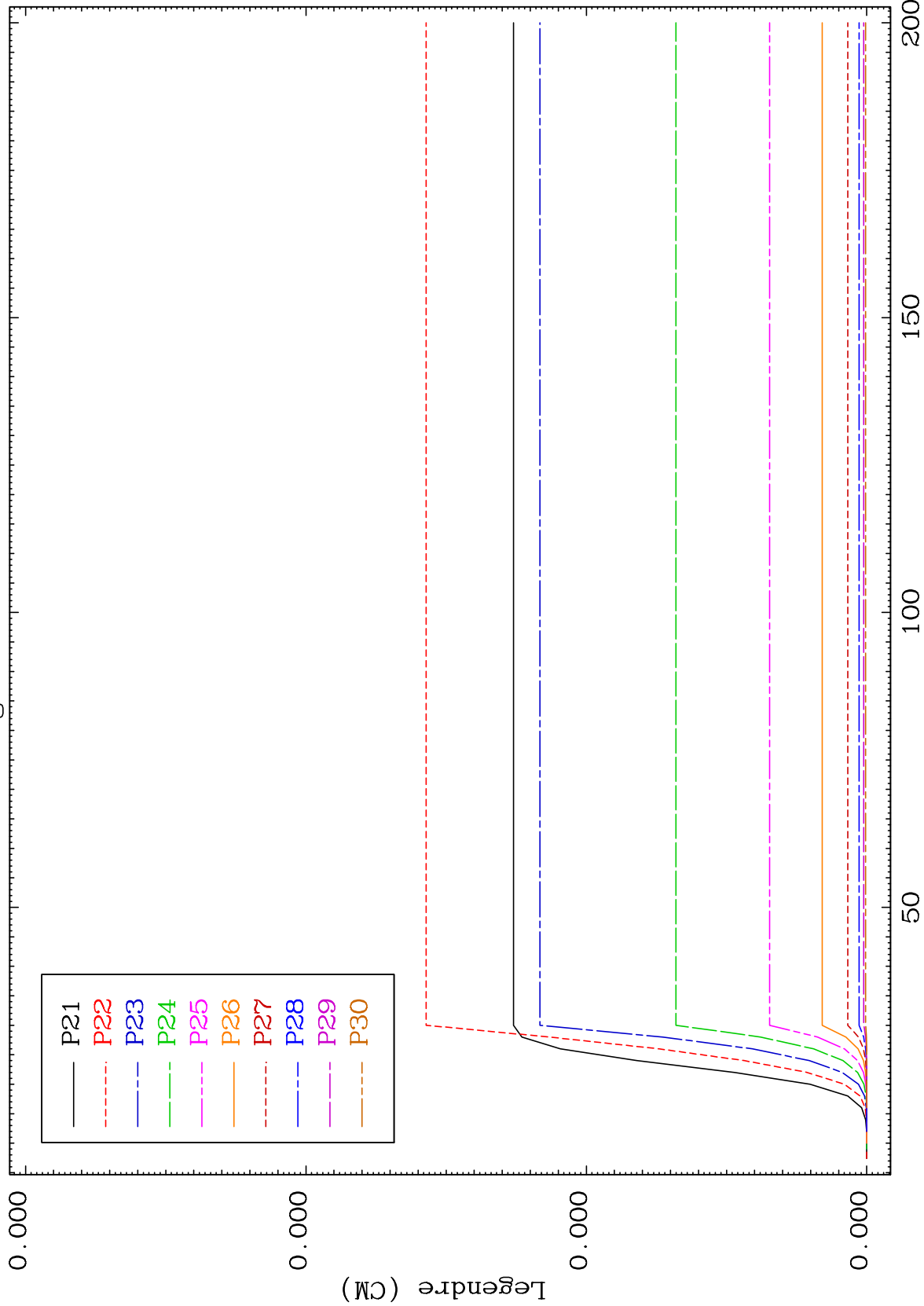
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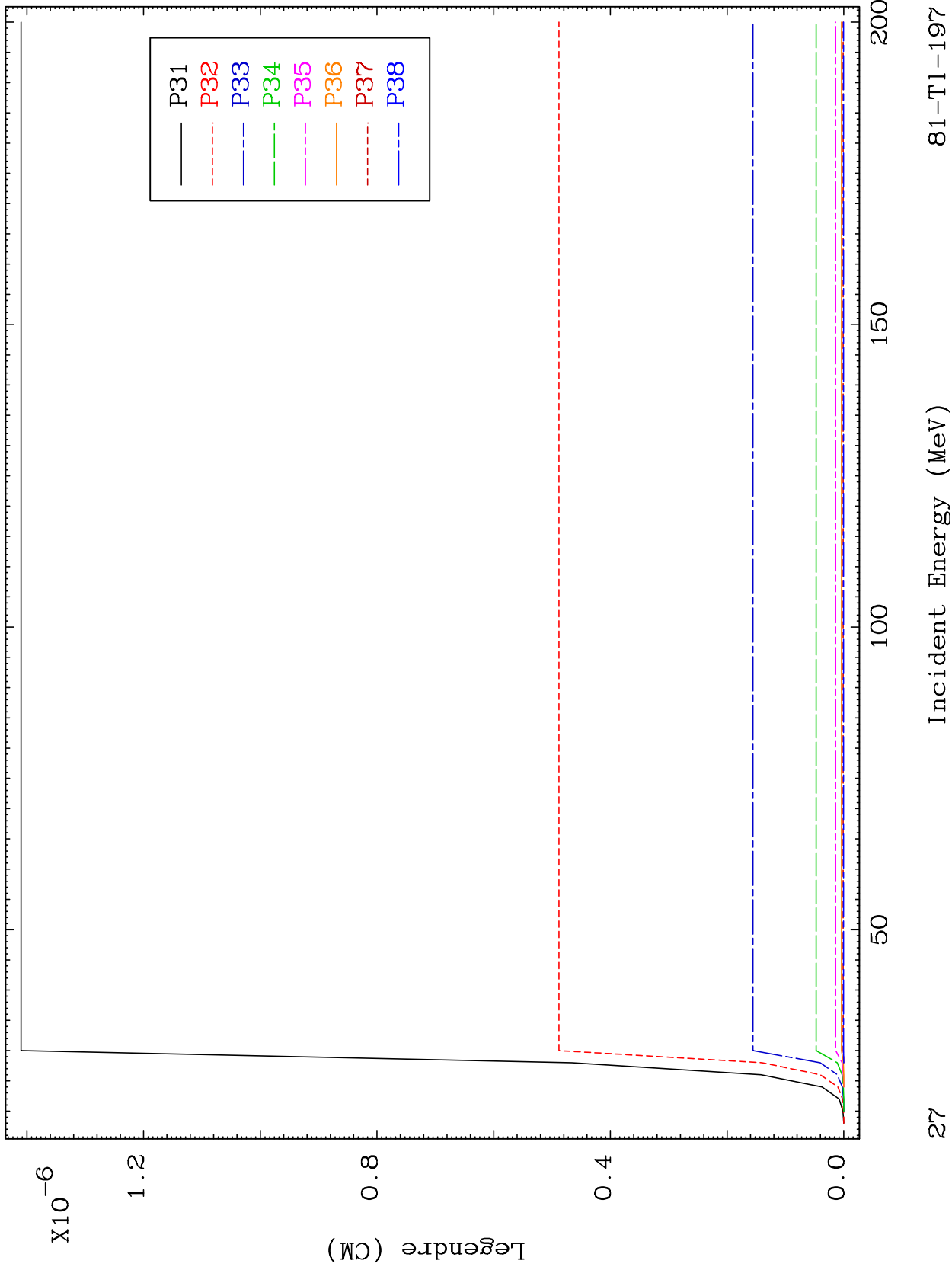


25

Incident Energy (MeV)

81-T1-197

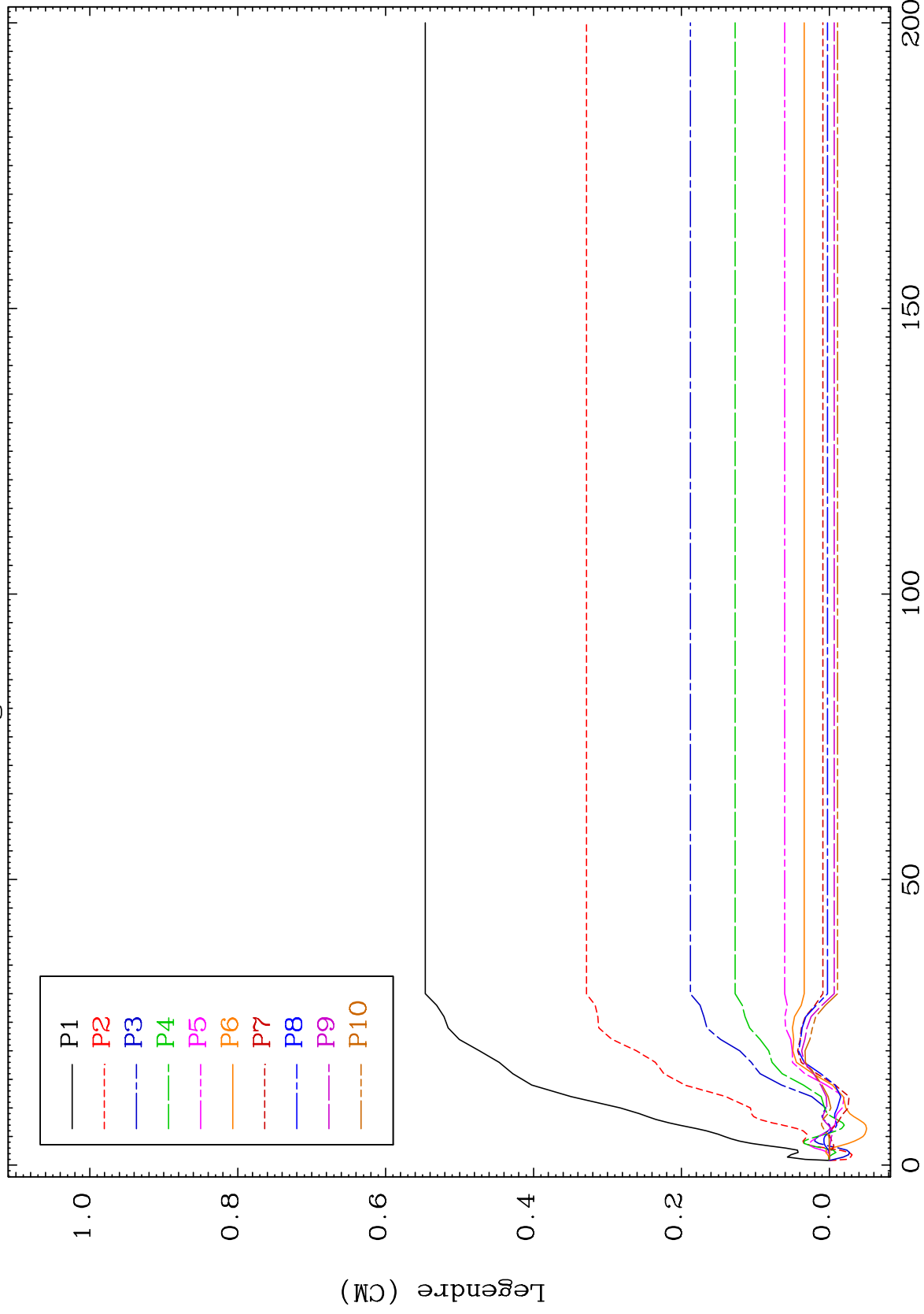




MAT 8107

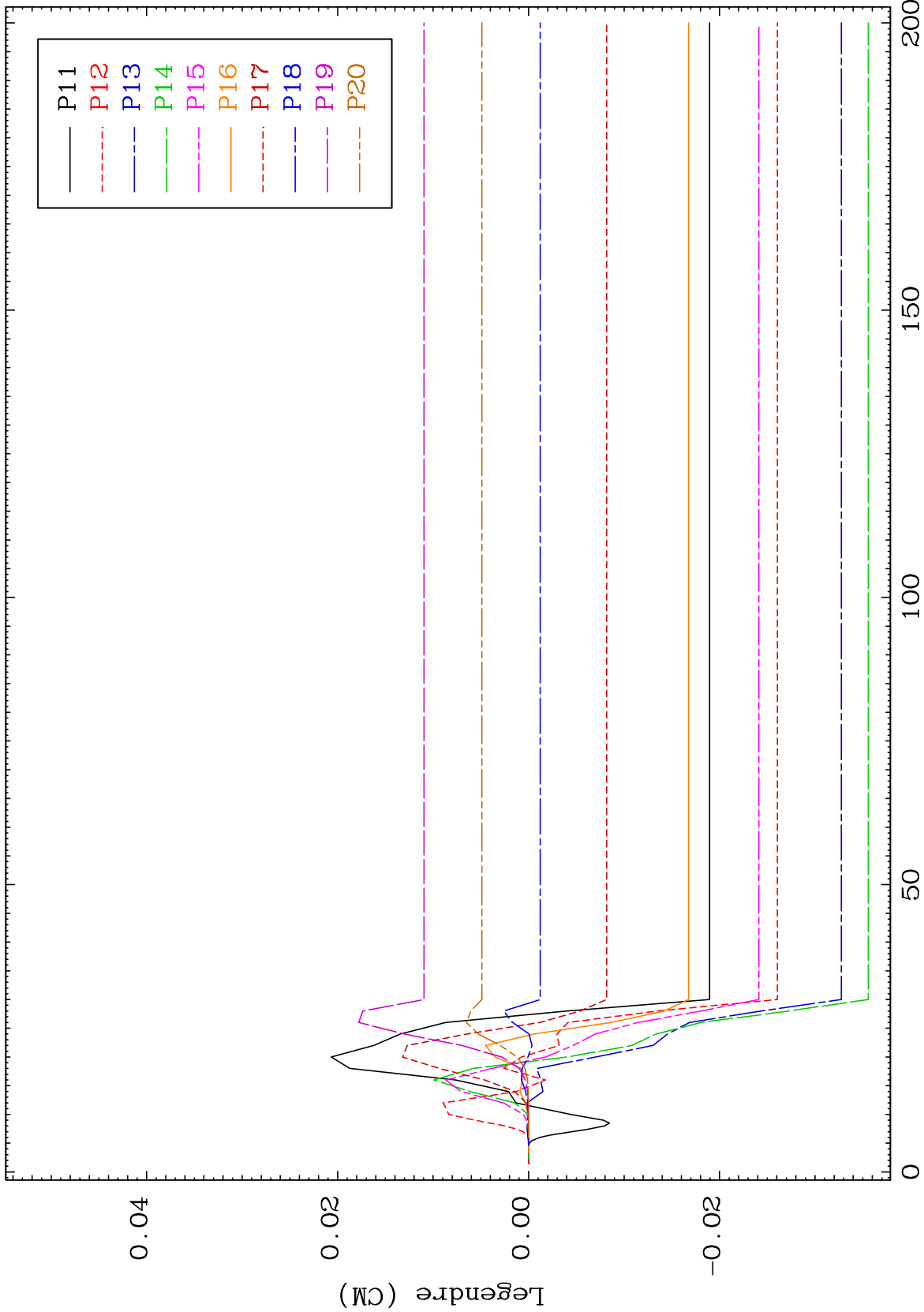
MT= 53 (n,n') Level
Legendre Coefficients

81-T1-197



28

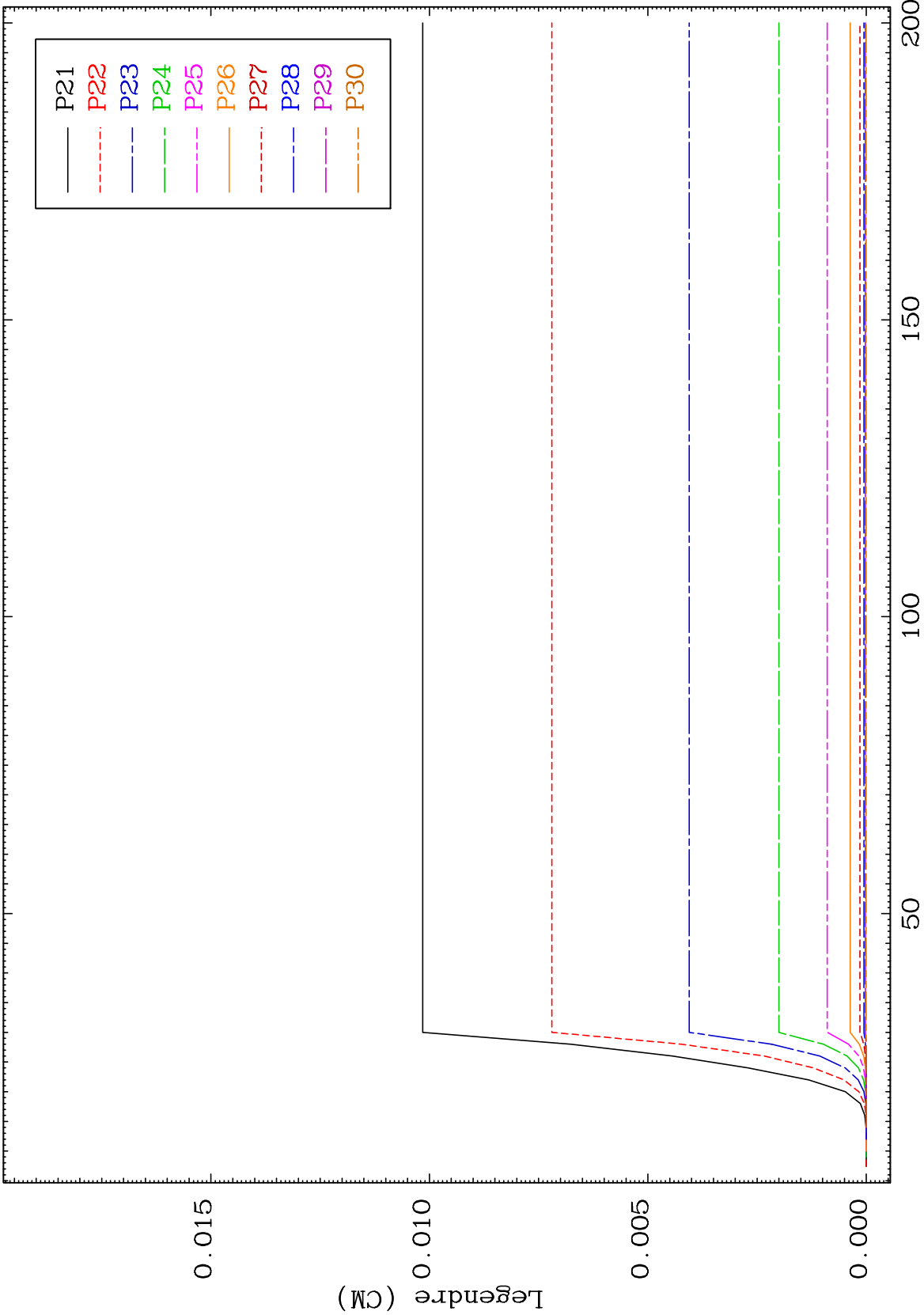
81-T1-197



MAT 8107

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

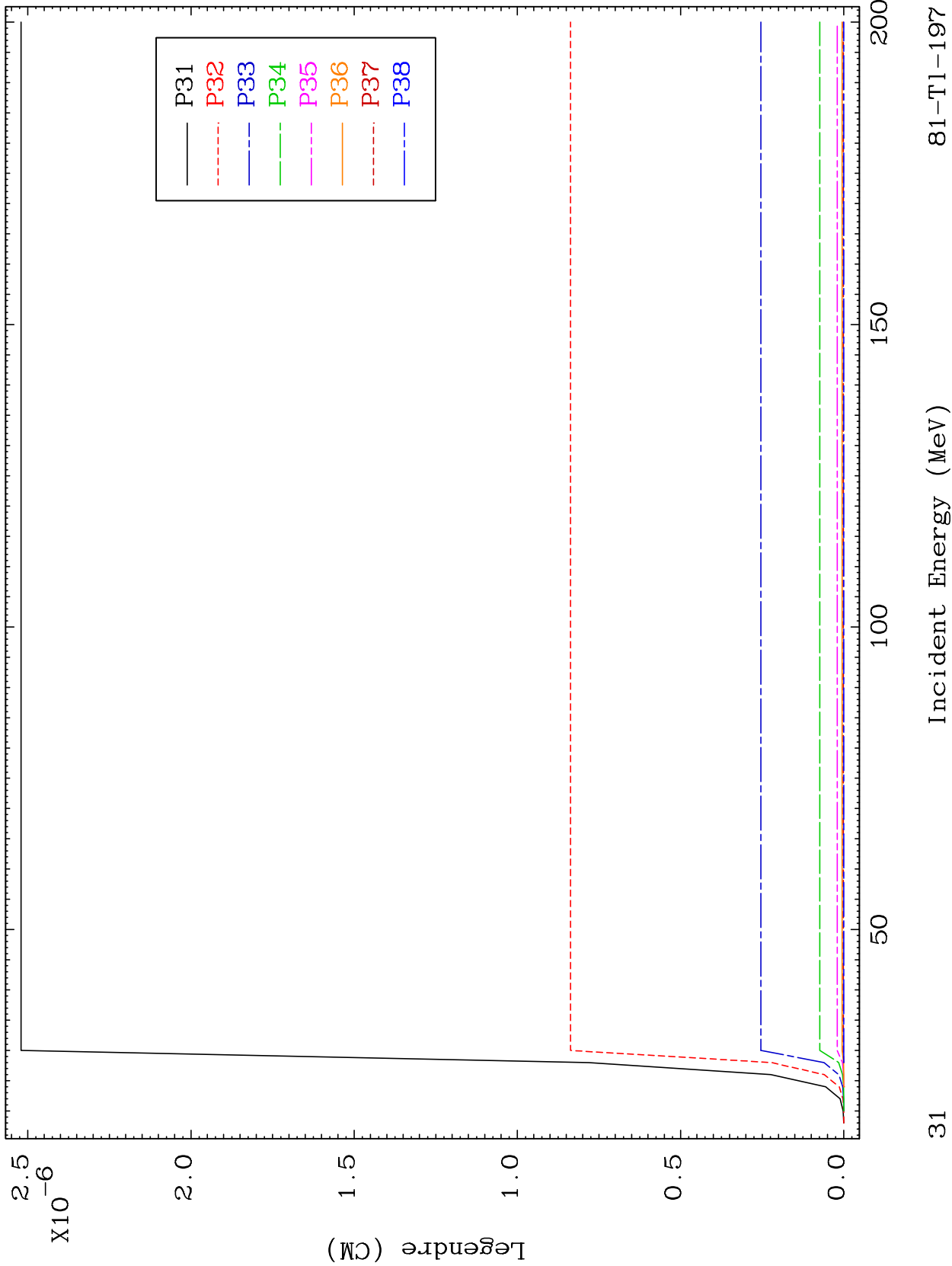
81-T1-197



30

Incident Energy (MeV)

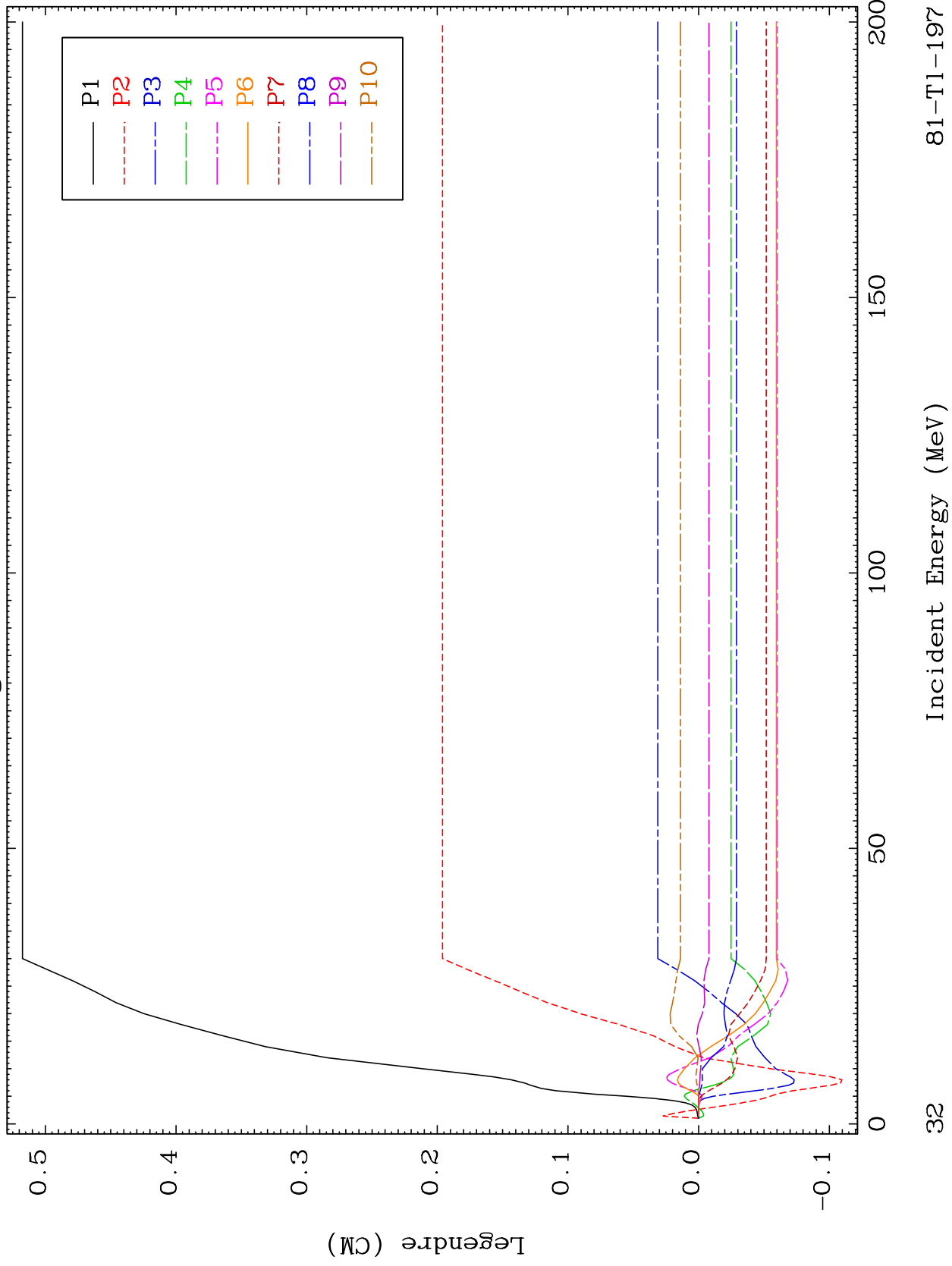
81-T1-197



MAT 8107

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

81-Tl-197



81-Tl-197

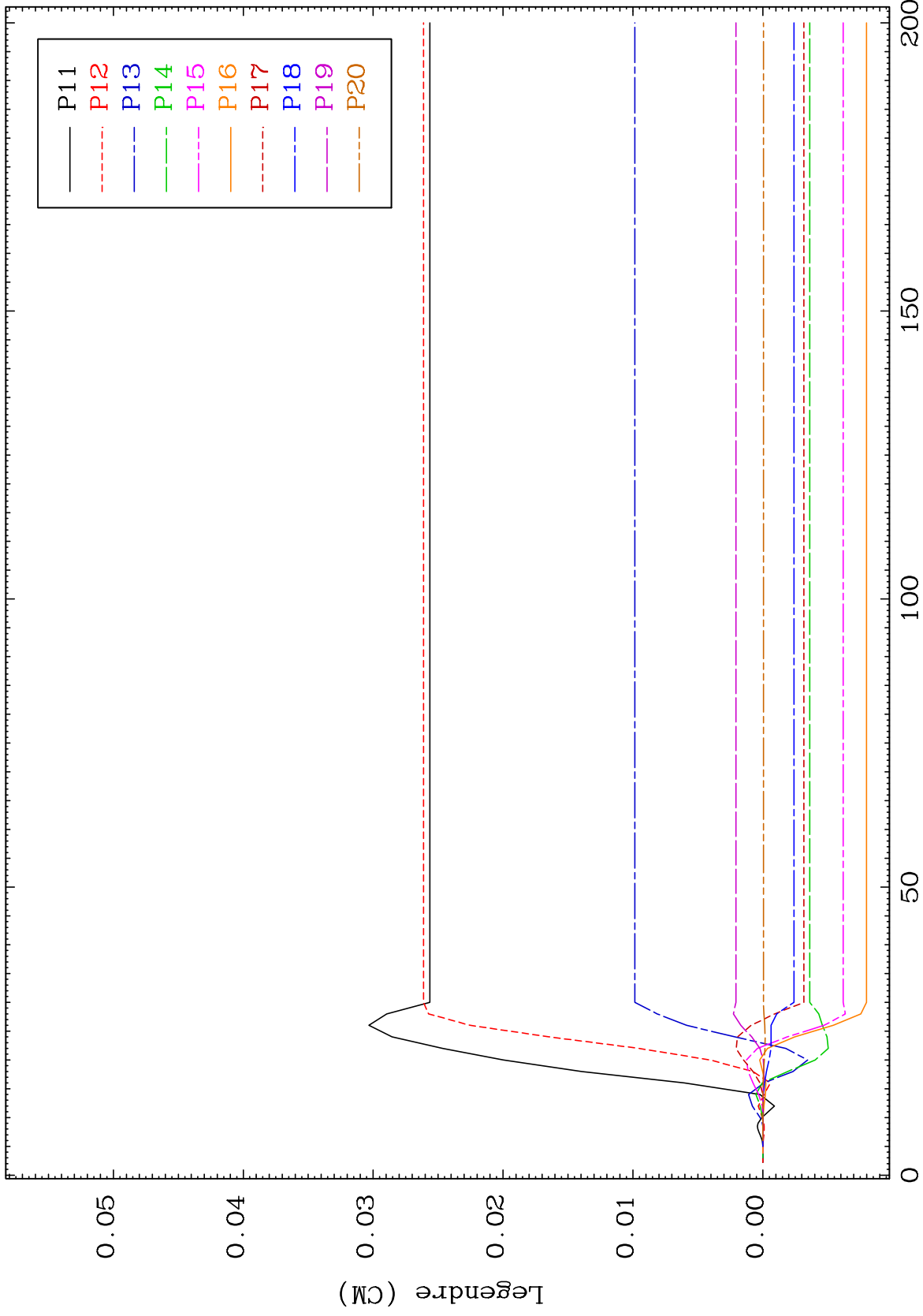
Incident Energy (MeV)

32

MAT 8107

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

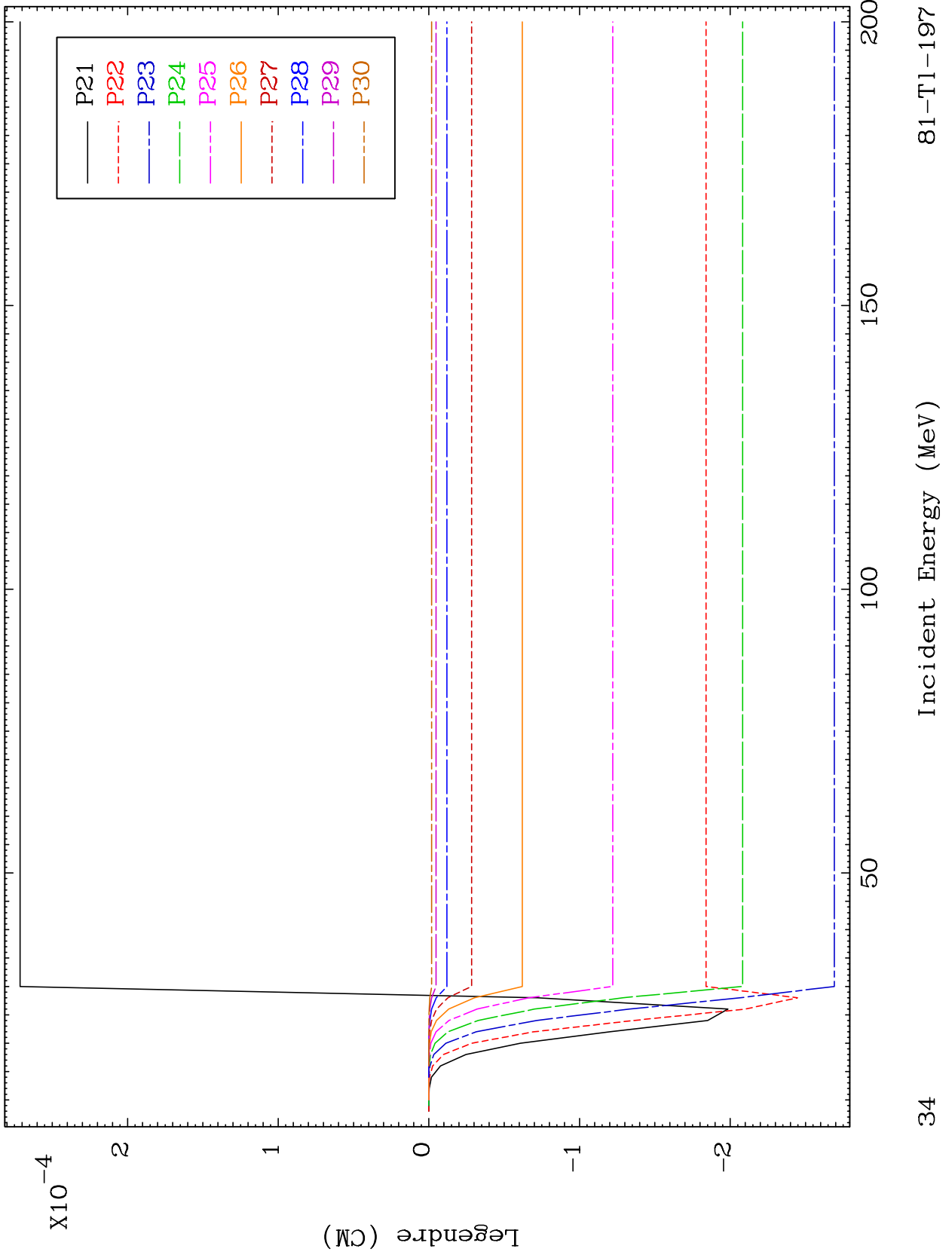
81-Tl-197

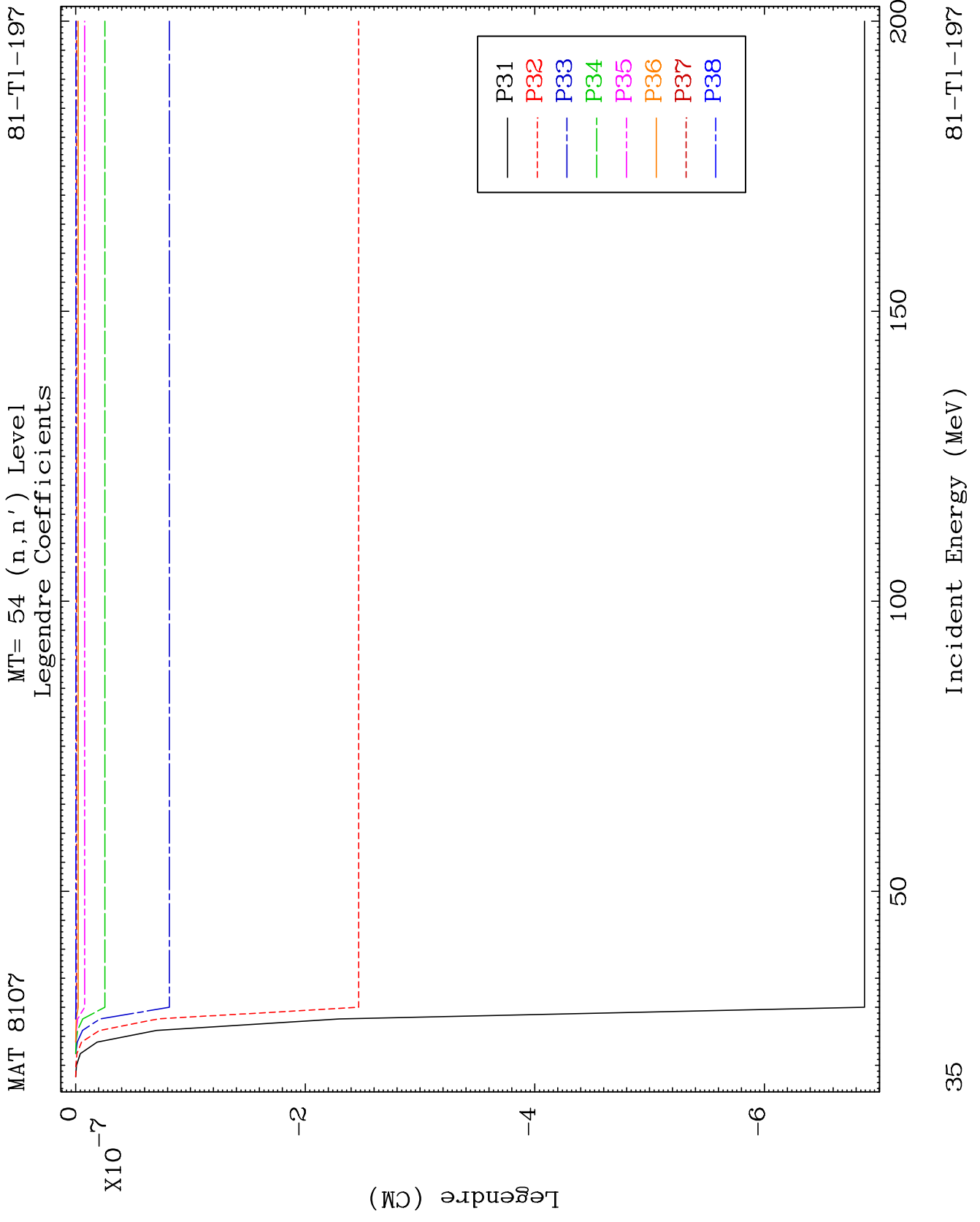


33

Incident Energy (MeV)

81-Tl-197

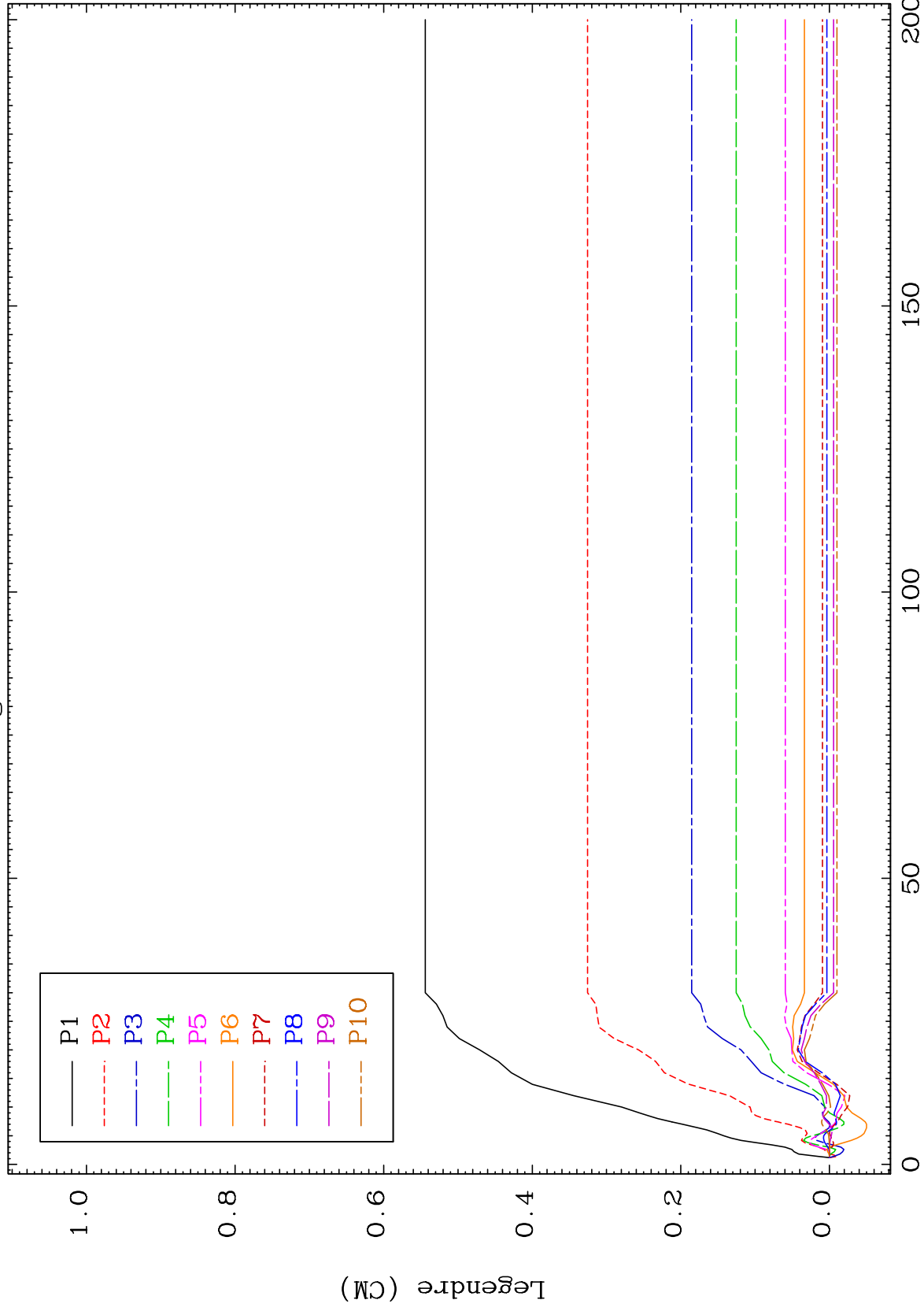




MAT 8107

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

81-T1-197



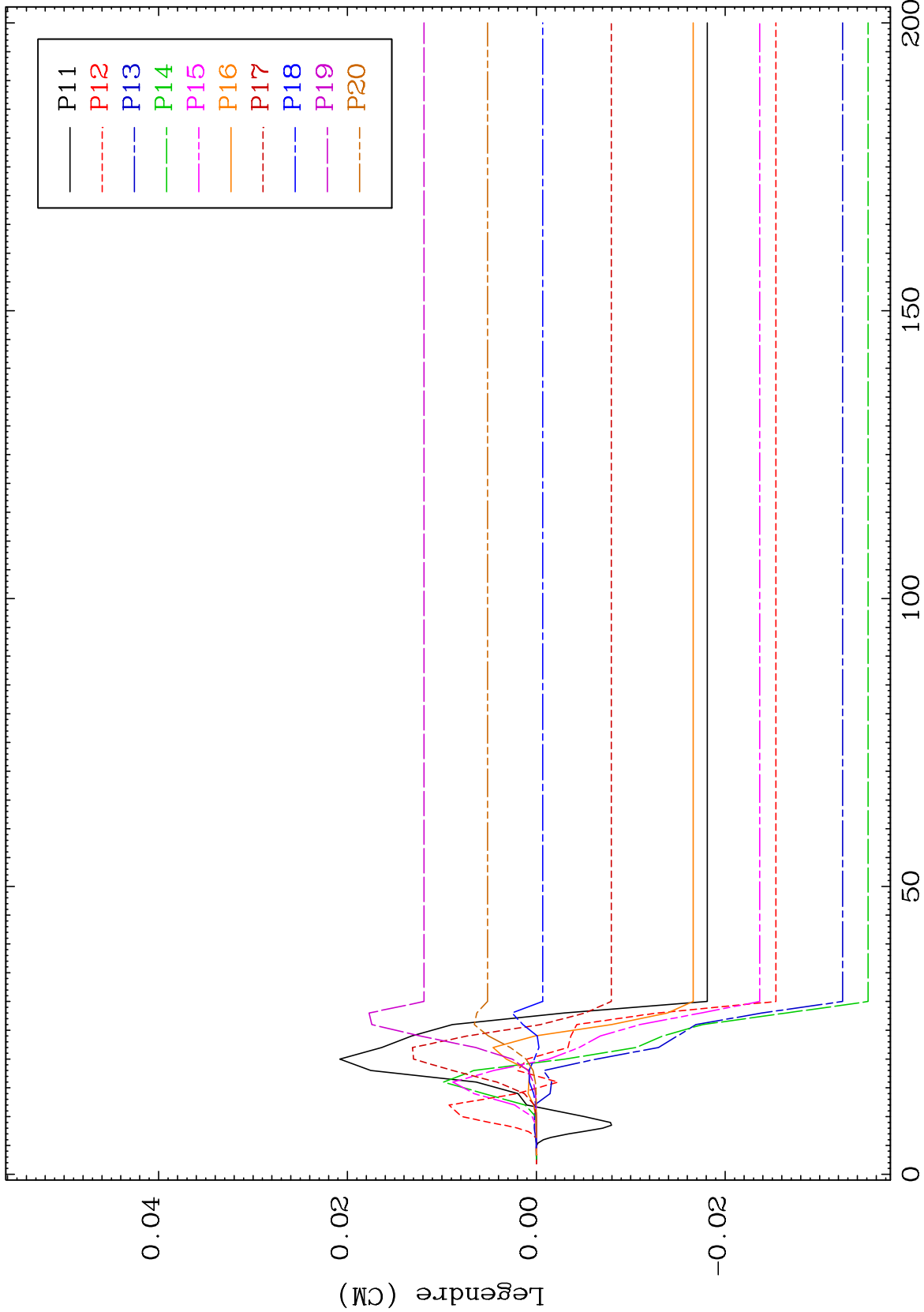
36

81-T1-197

MAT 8107

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

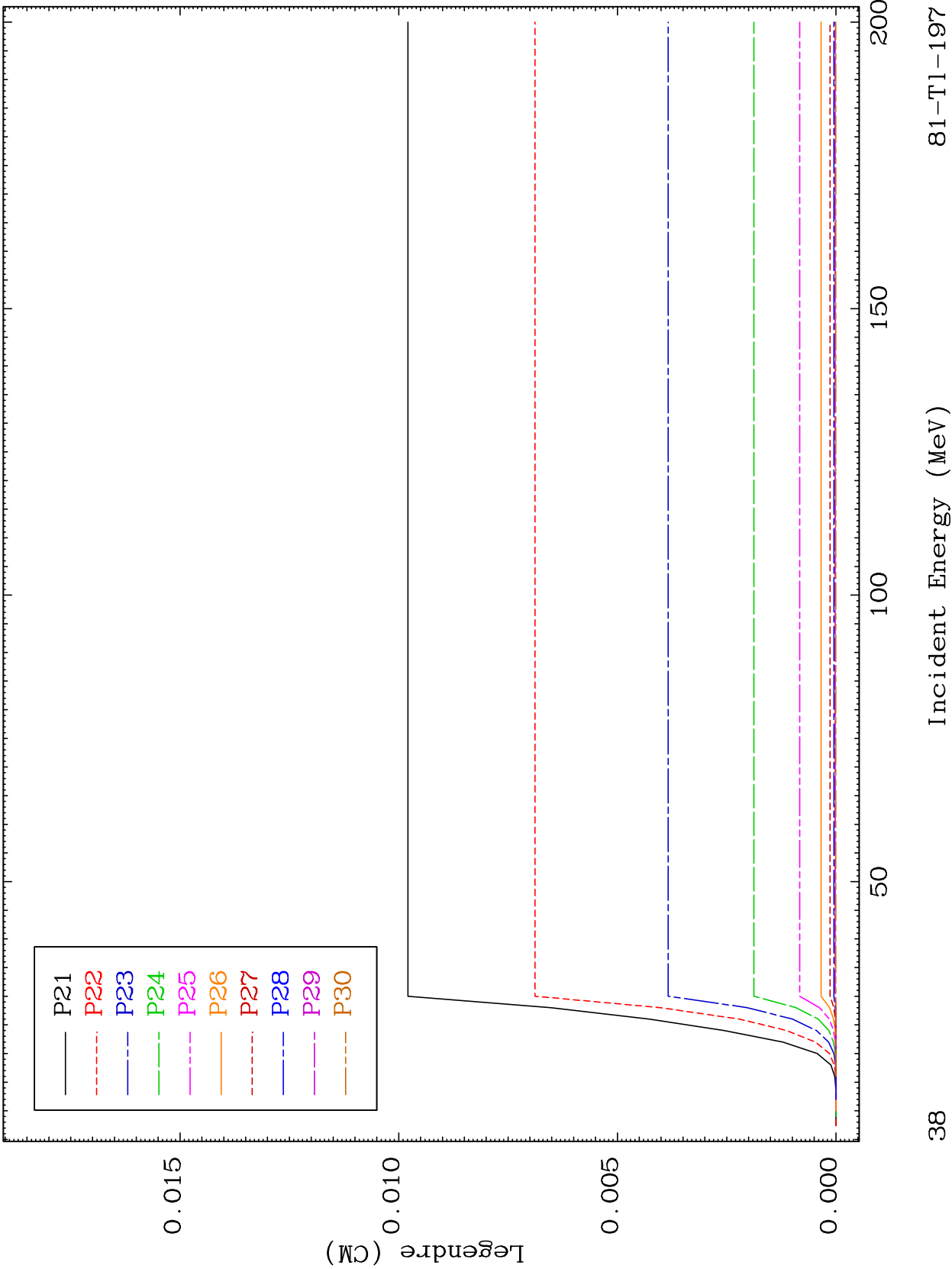
81-T1-197



37

Incident Energy (MeV)

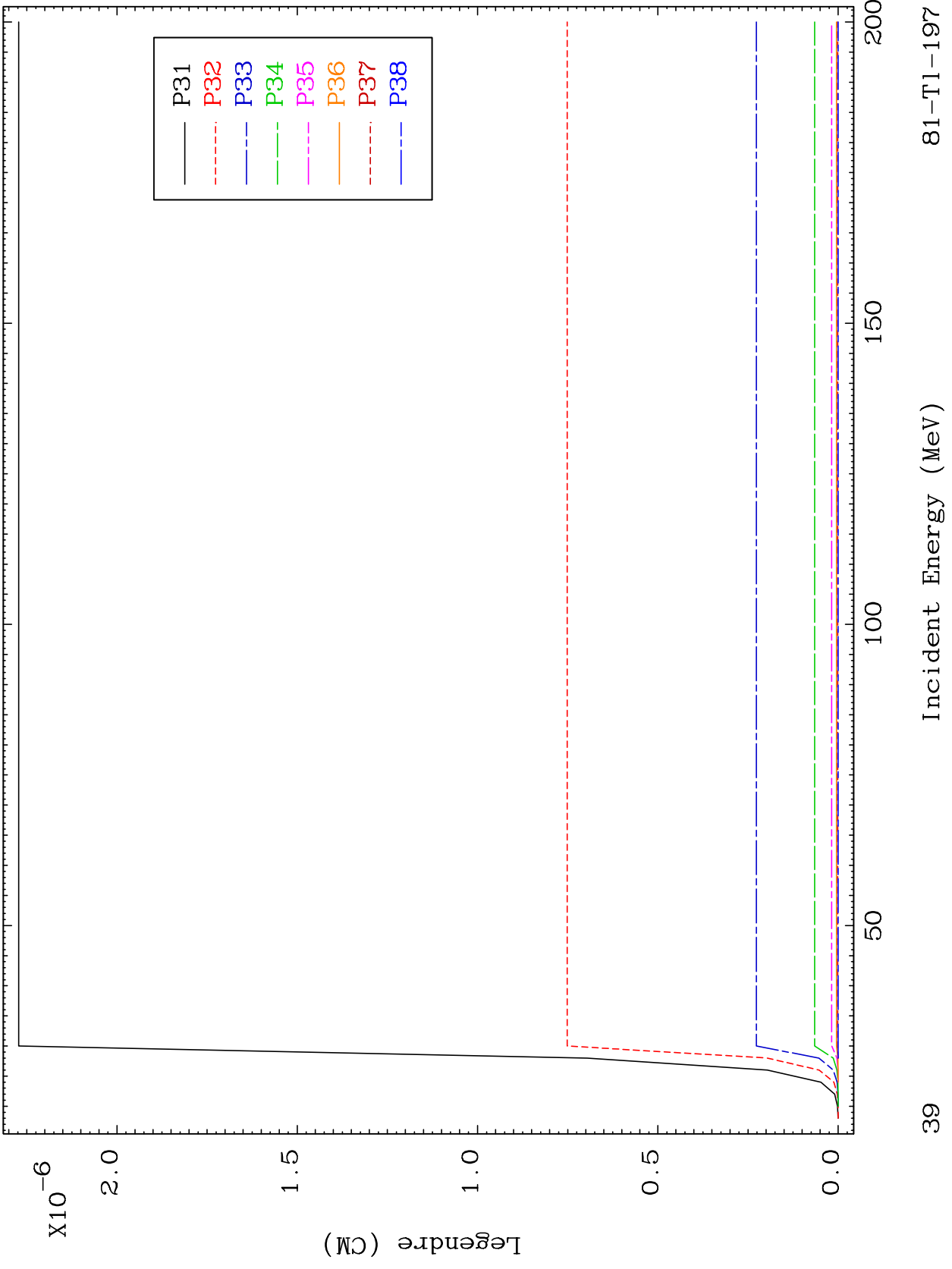
81-T1-197



MAT 8107

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

81-Tl-197



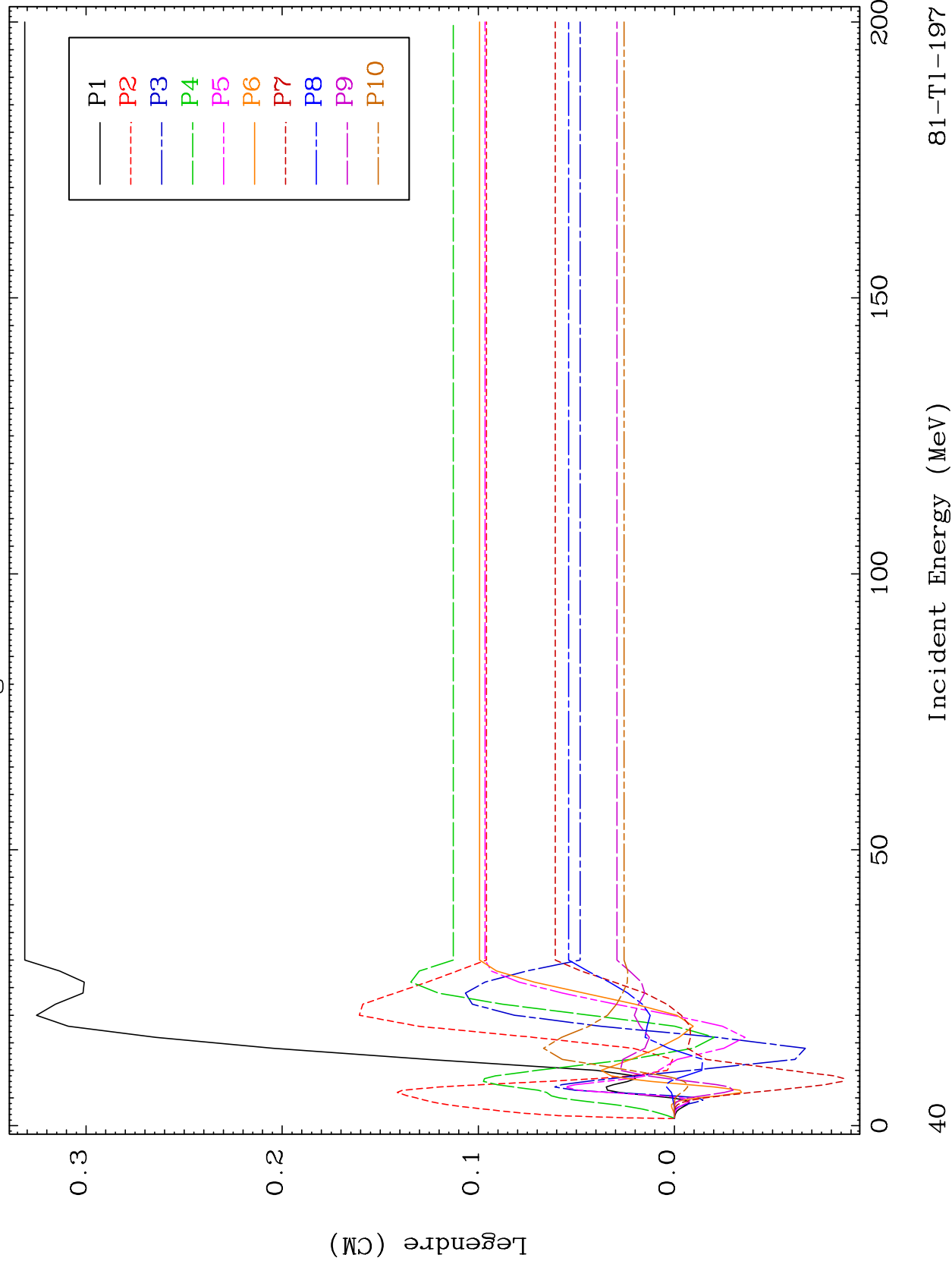
39

81-Tl-197

MAT 8107

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

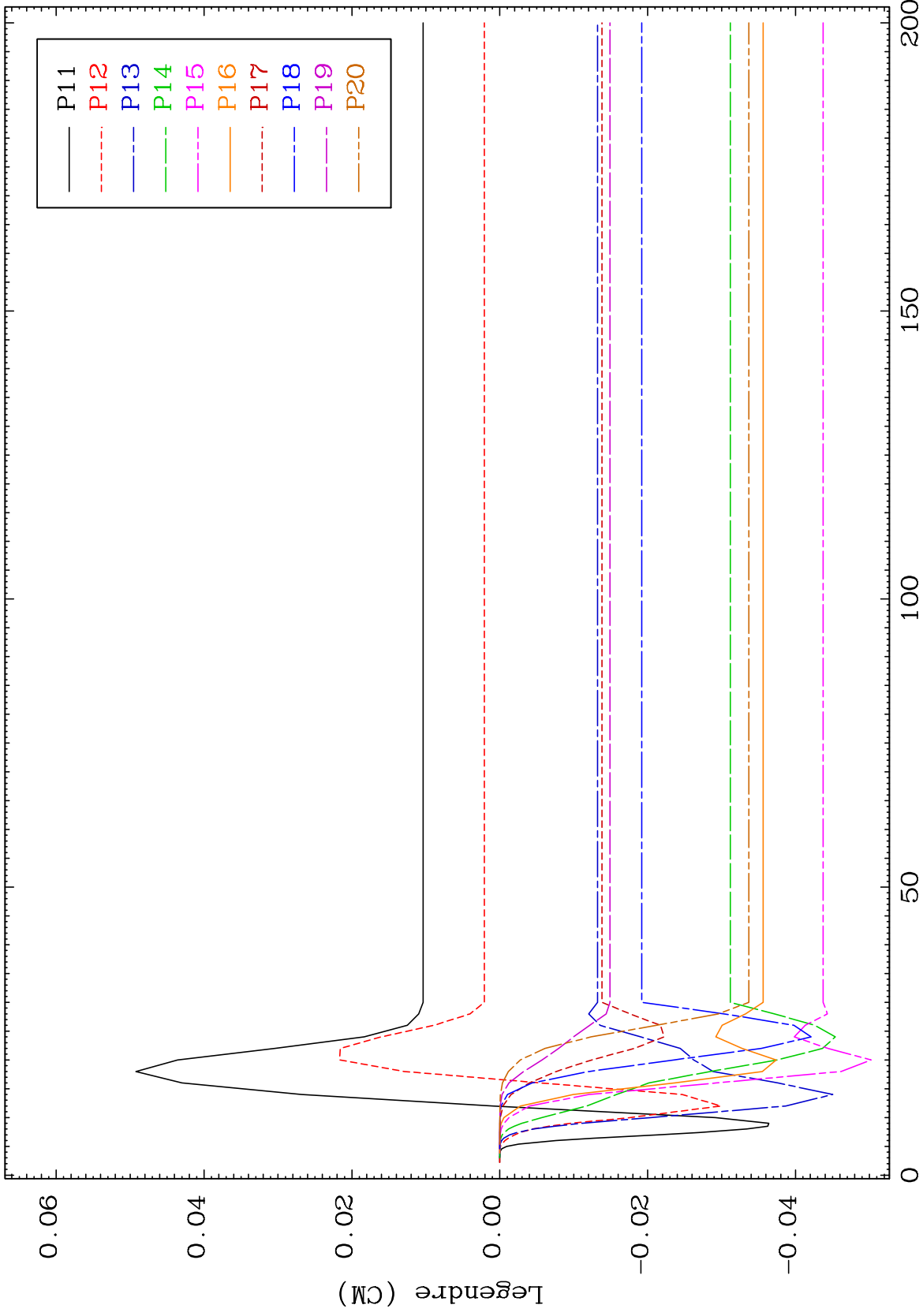
81-T1-197



MAT 8107

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

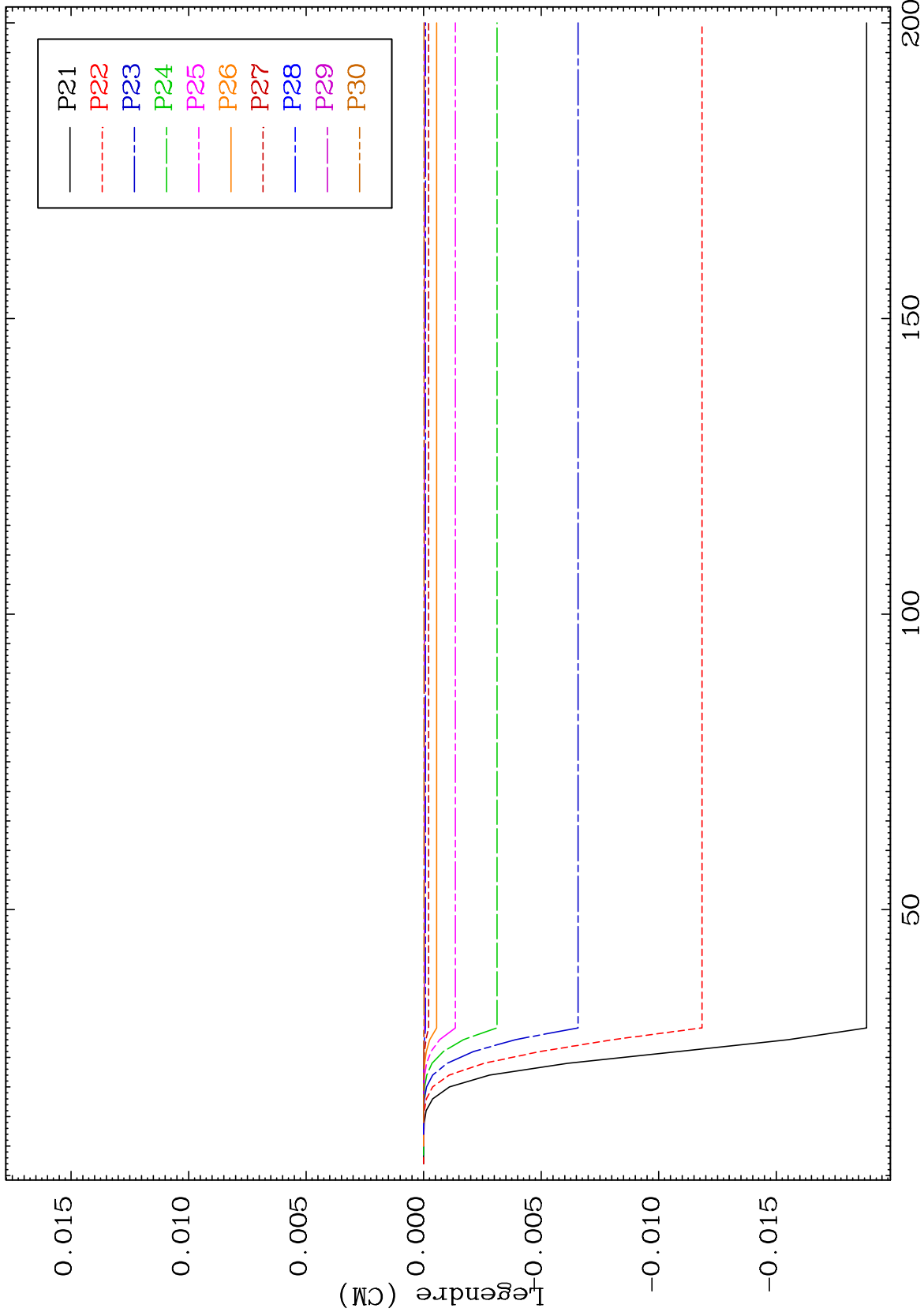
81-T1-197

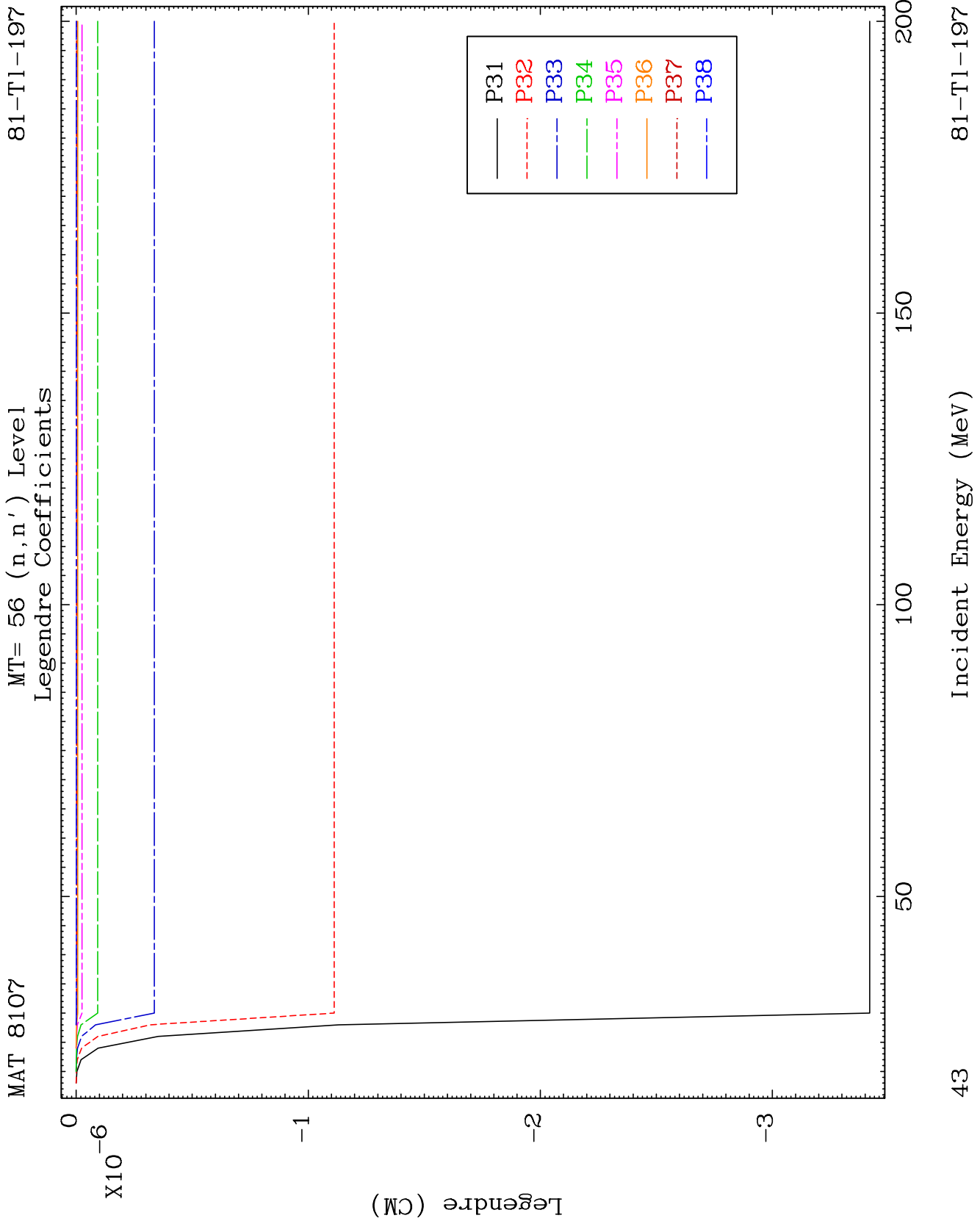


41

Incident Energy (MeV)

81-T1-197

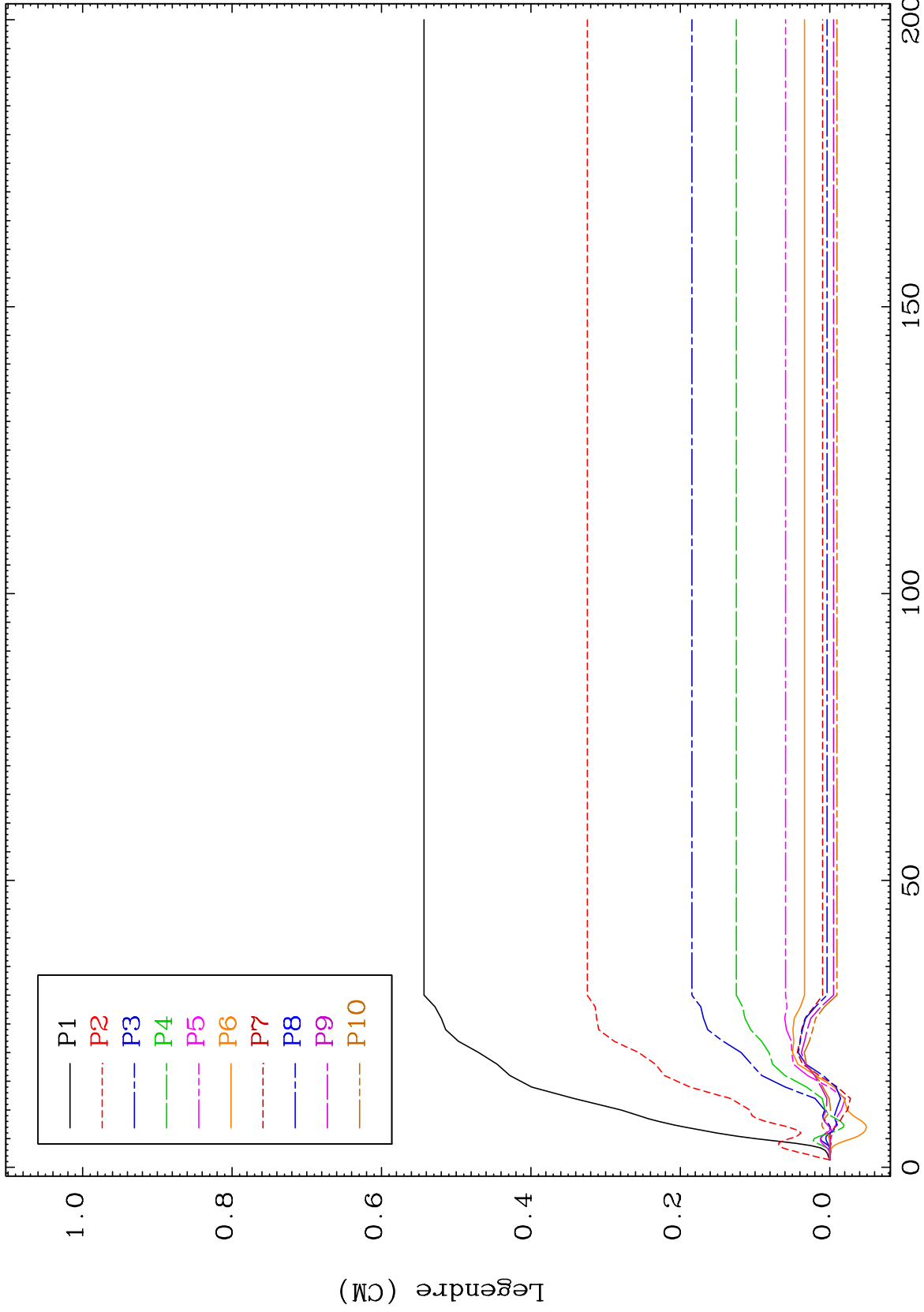




MAT 8107

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

81-T1-197



44

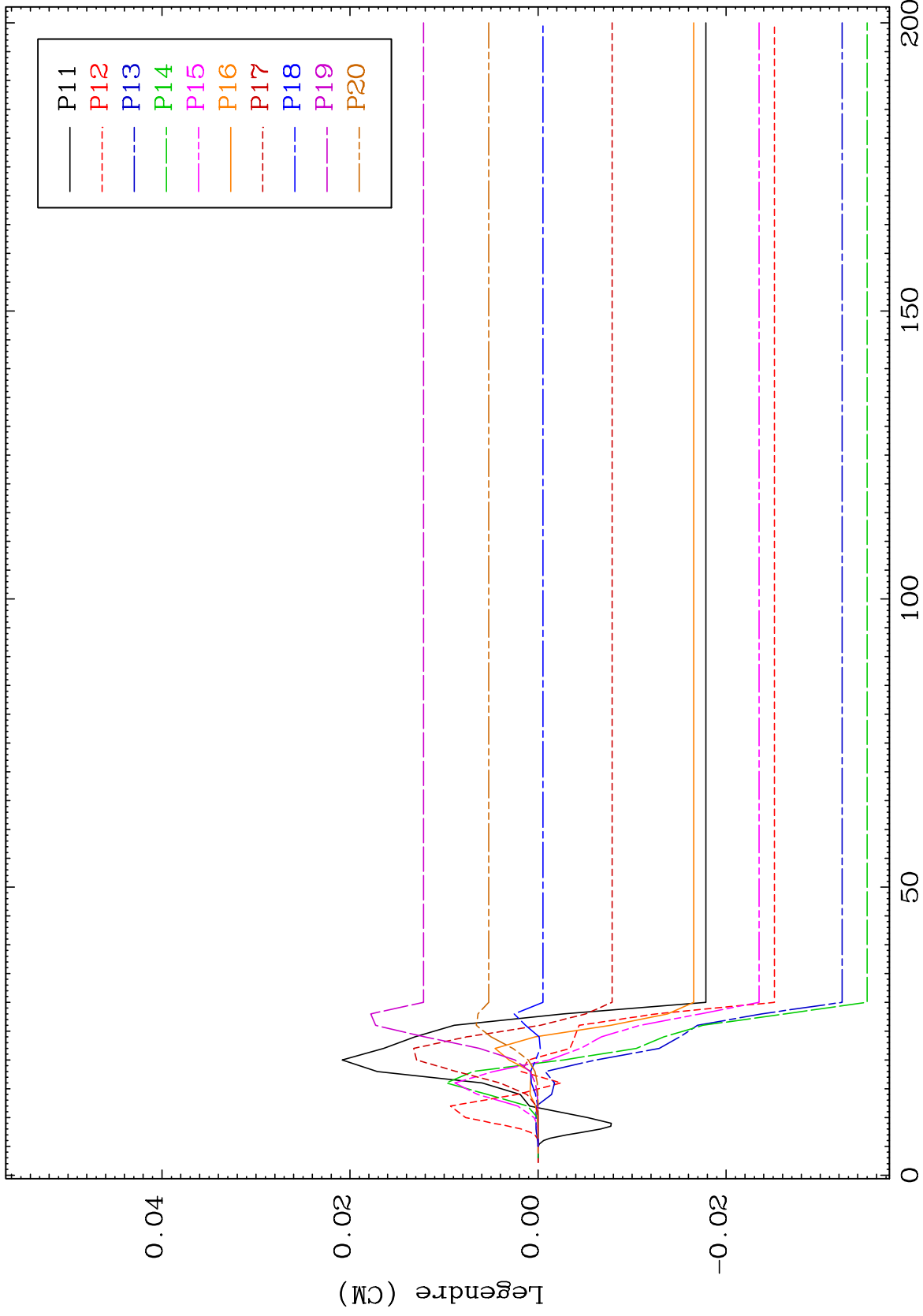
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



81-T1-197

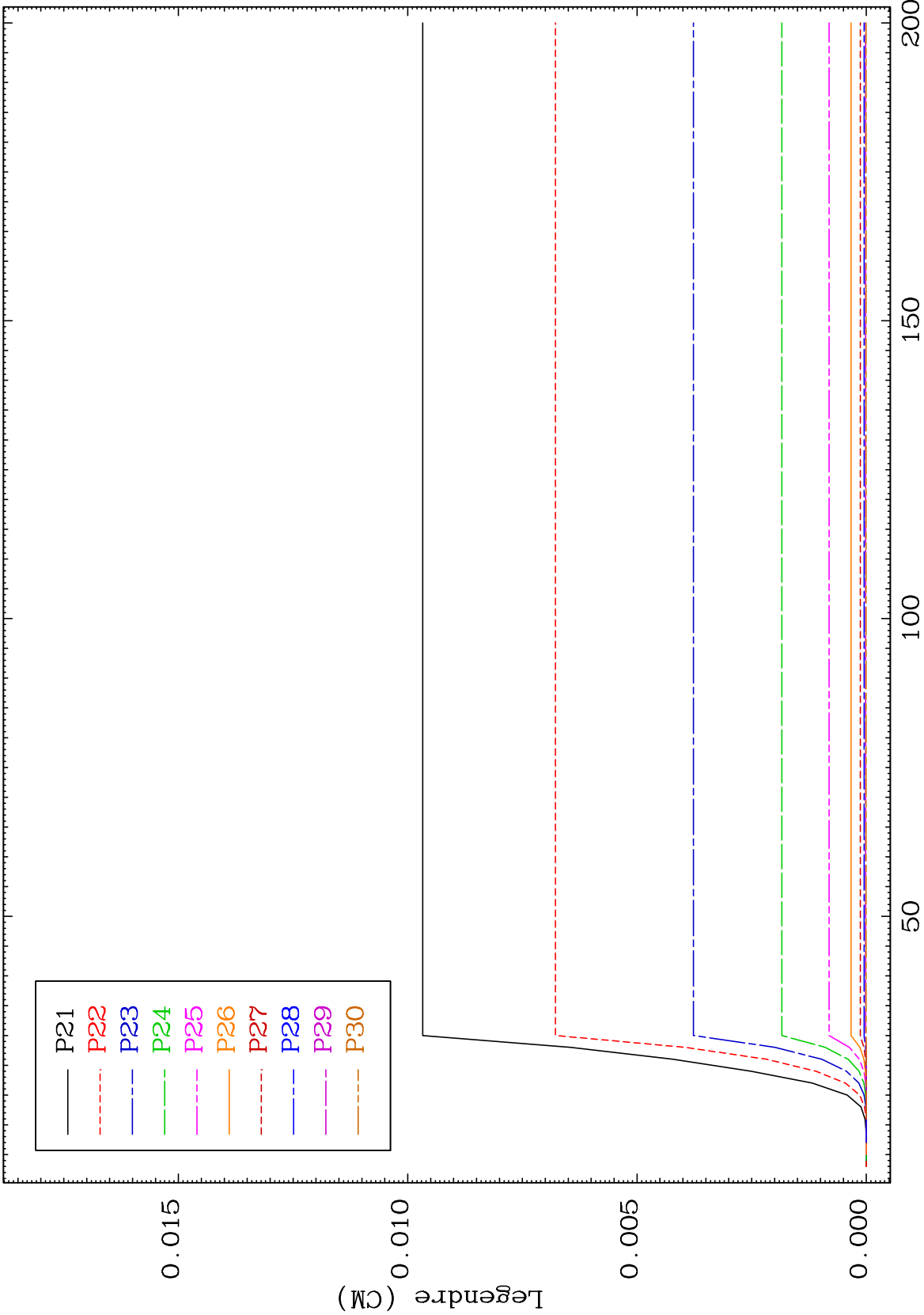
Incident Energy (MeV)

45

MAT 8107

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

81-Tl-197



46

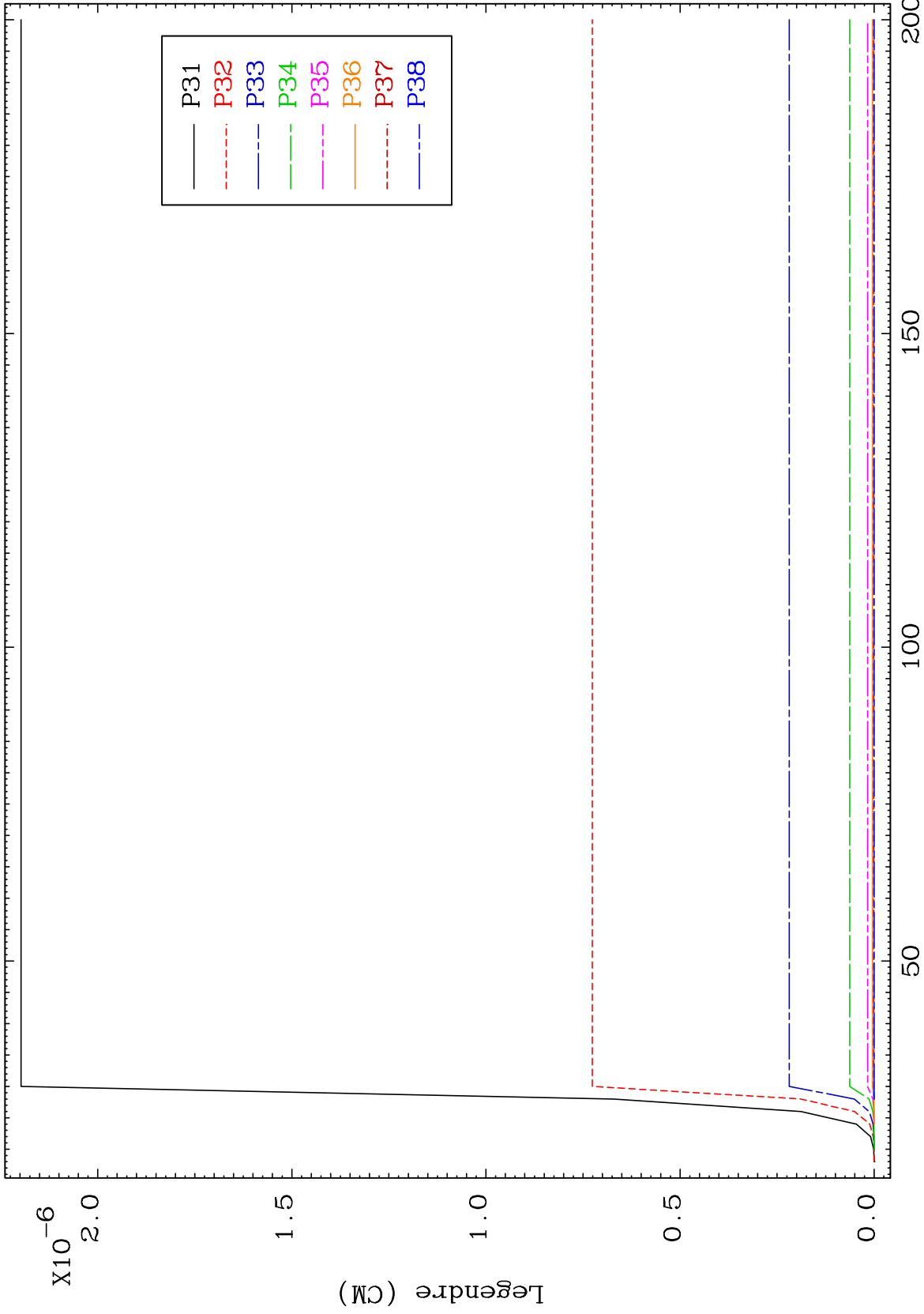
Incident Energy (MeV)

81-Tl-197

MAT 8107

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

81-T1-197



47

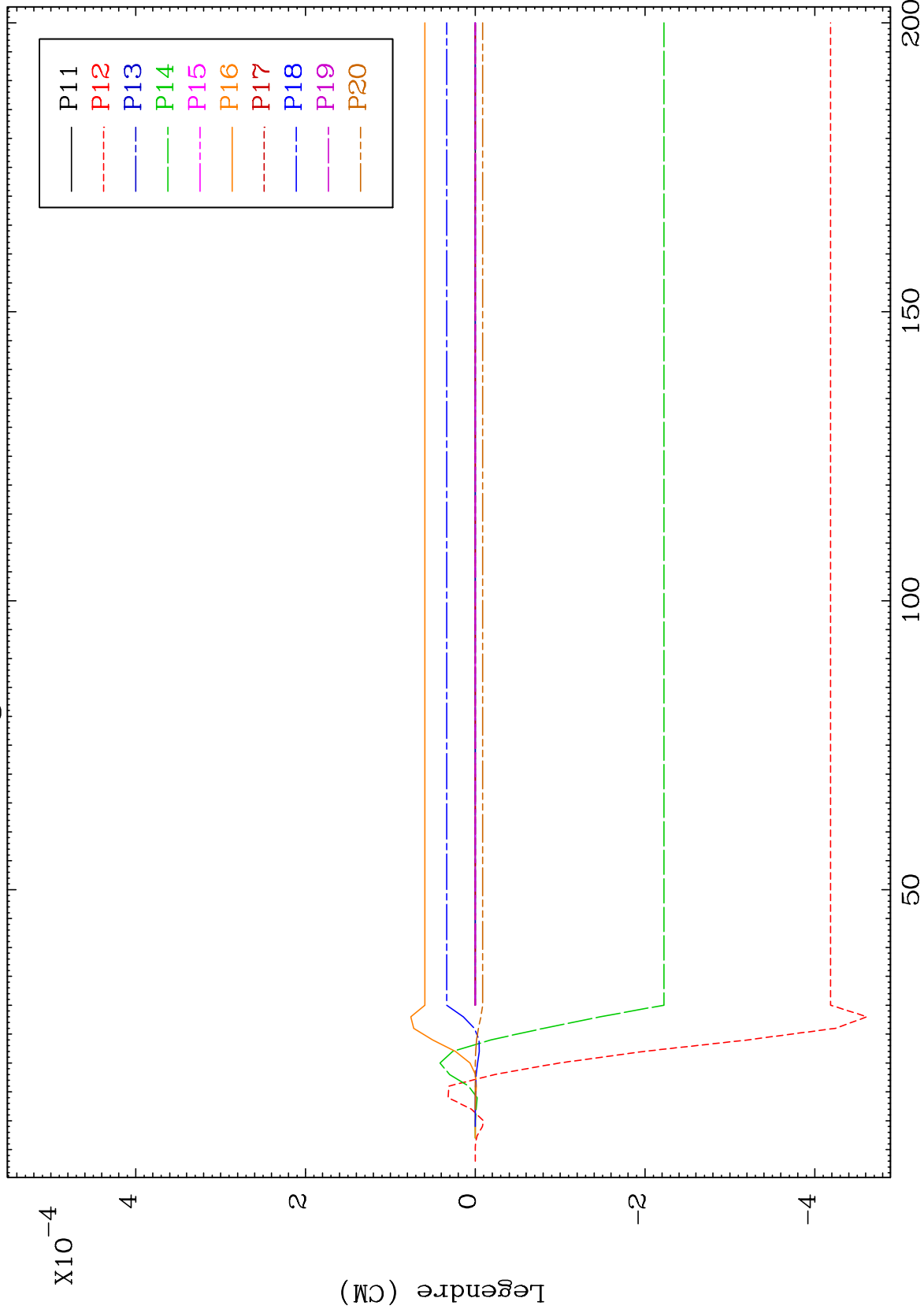
Incident Energy (MeV)

81-T1-197

MAT 8107

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

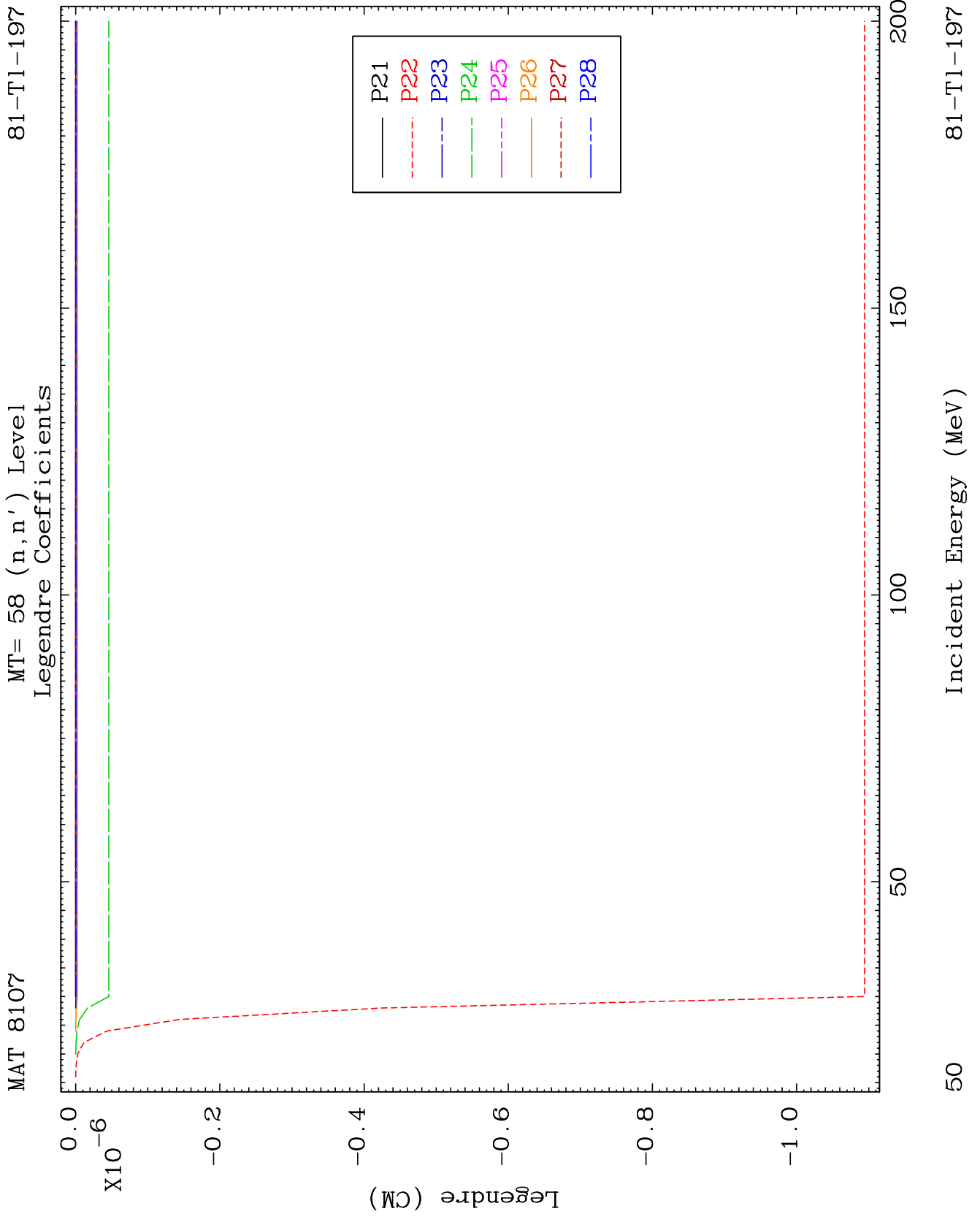
81-Tl-197



49

Incident Energy (MeV)

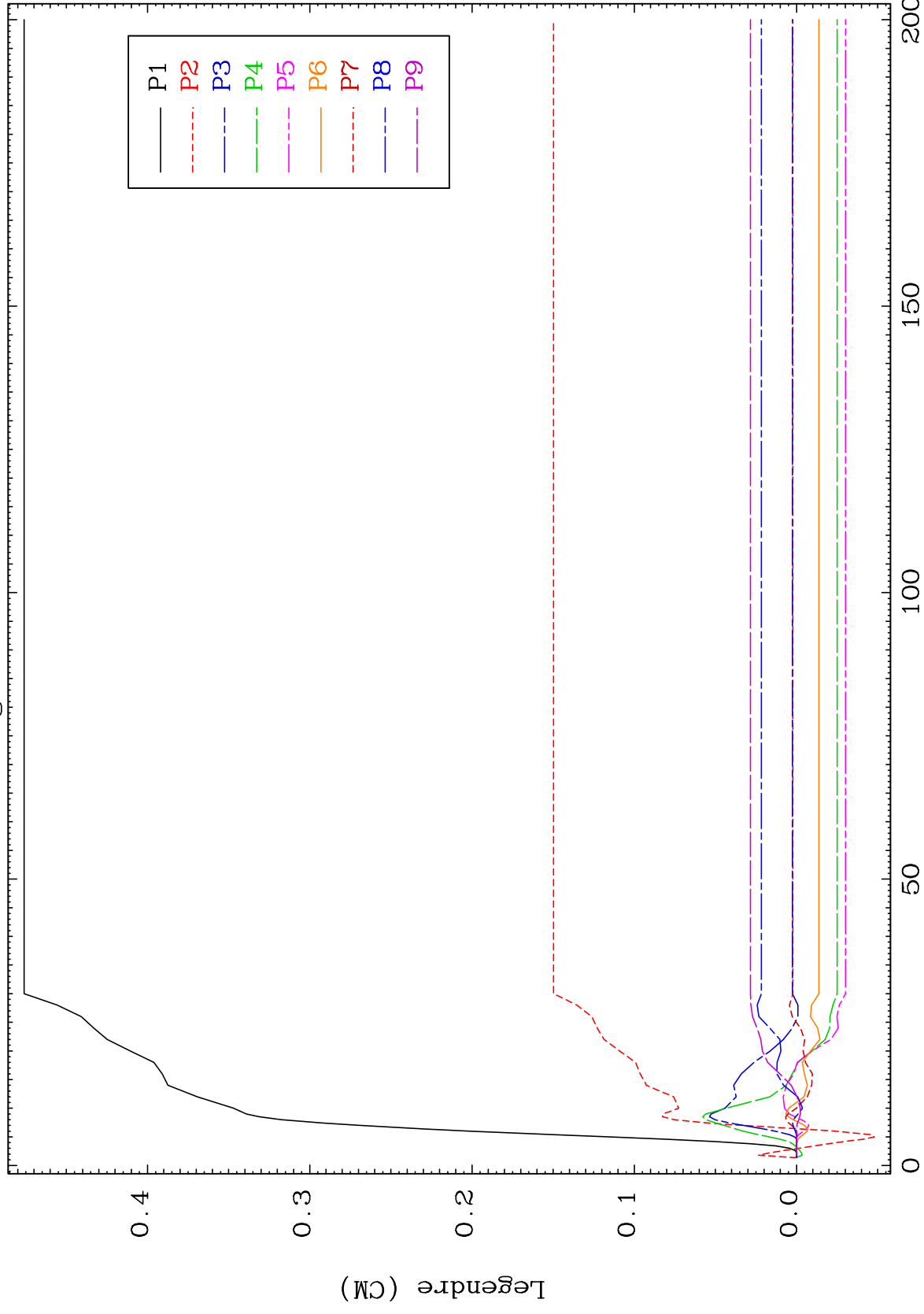
81-Tl-197



MAT 8107

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

81-T1-197



51

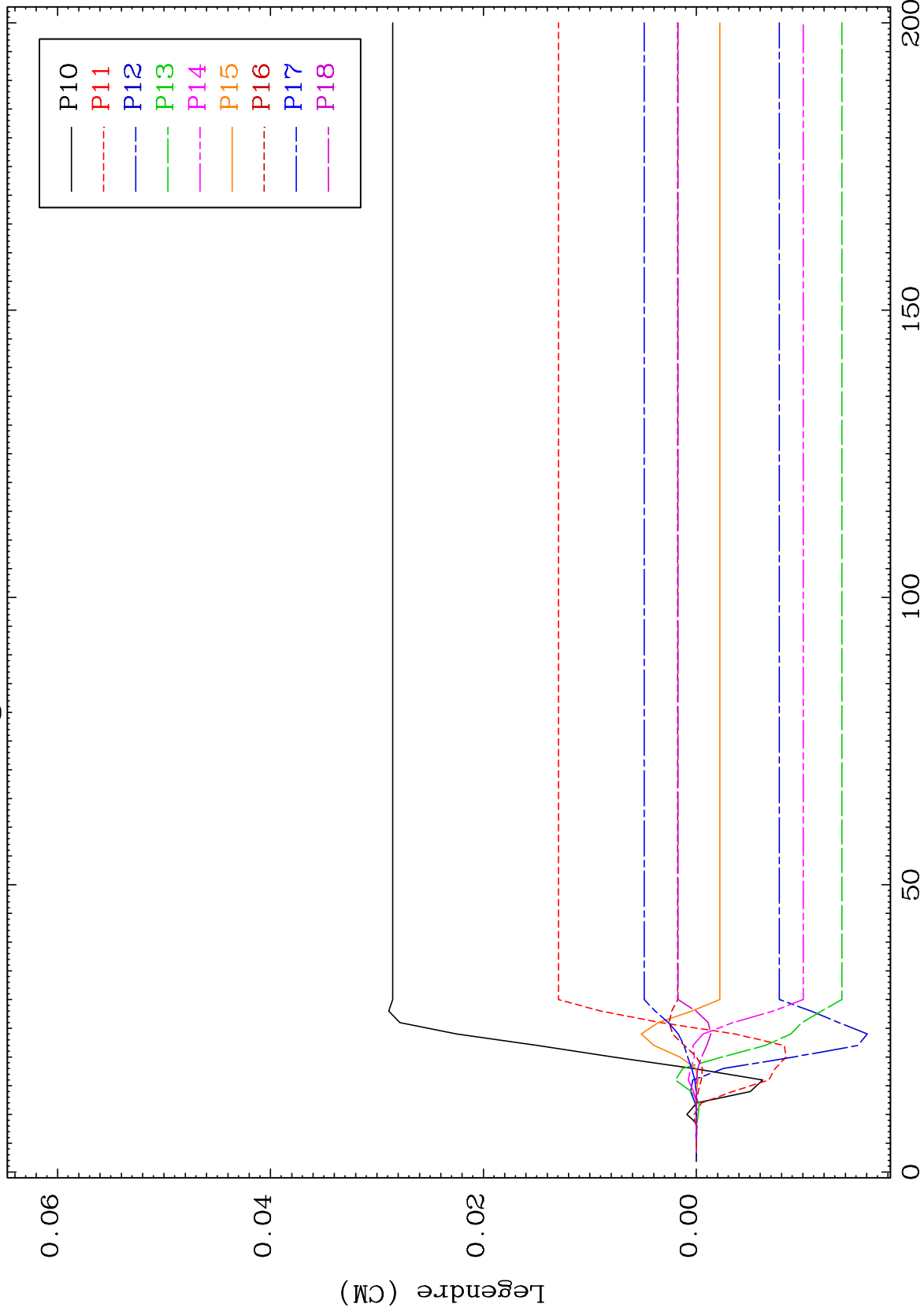
Incident Energy (MeV)

81-T1-197

MAT 8107

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

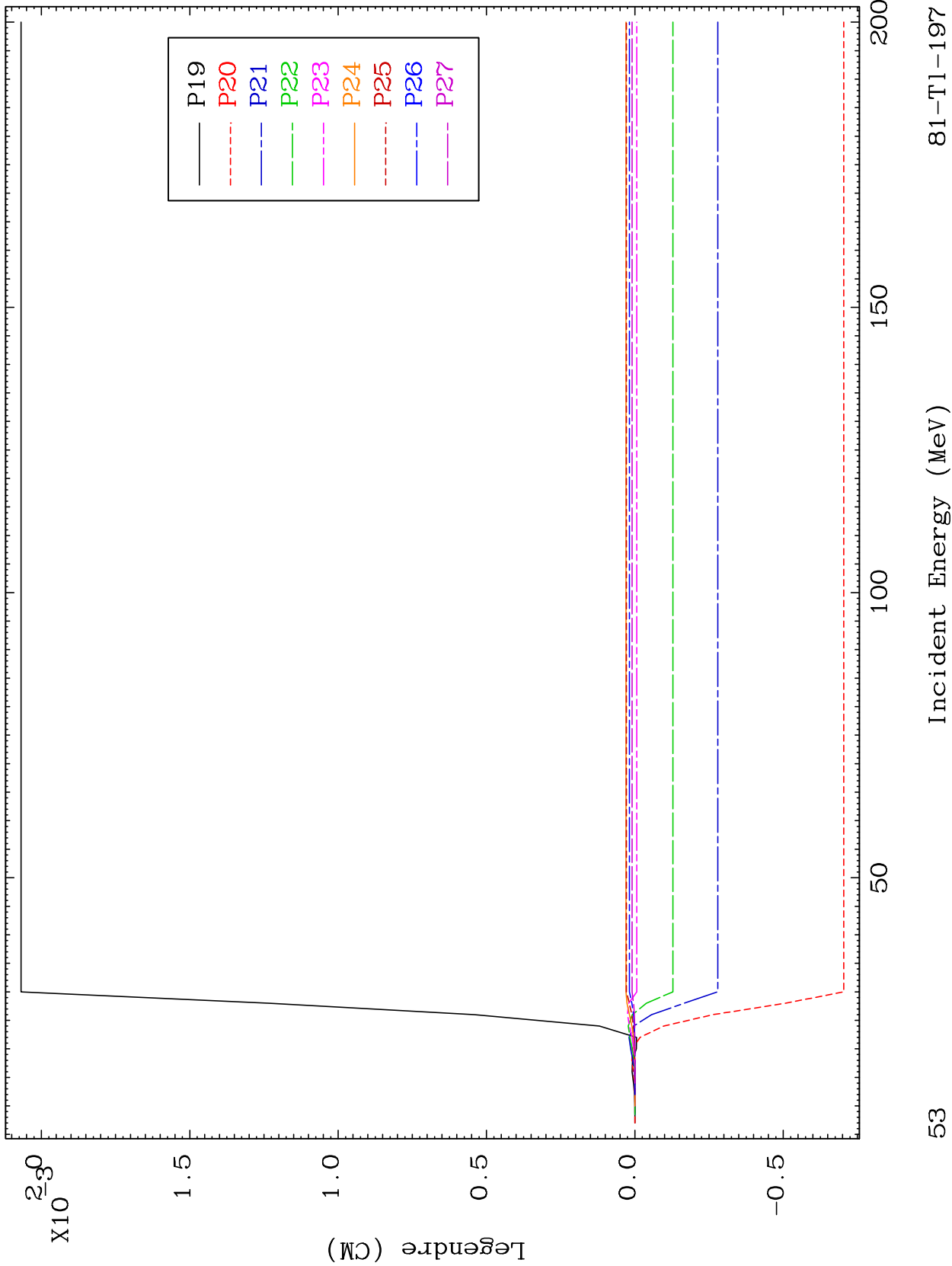
81-Tl-197



52

Incident Energy (MeV)

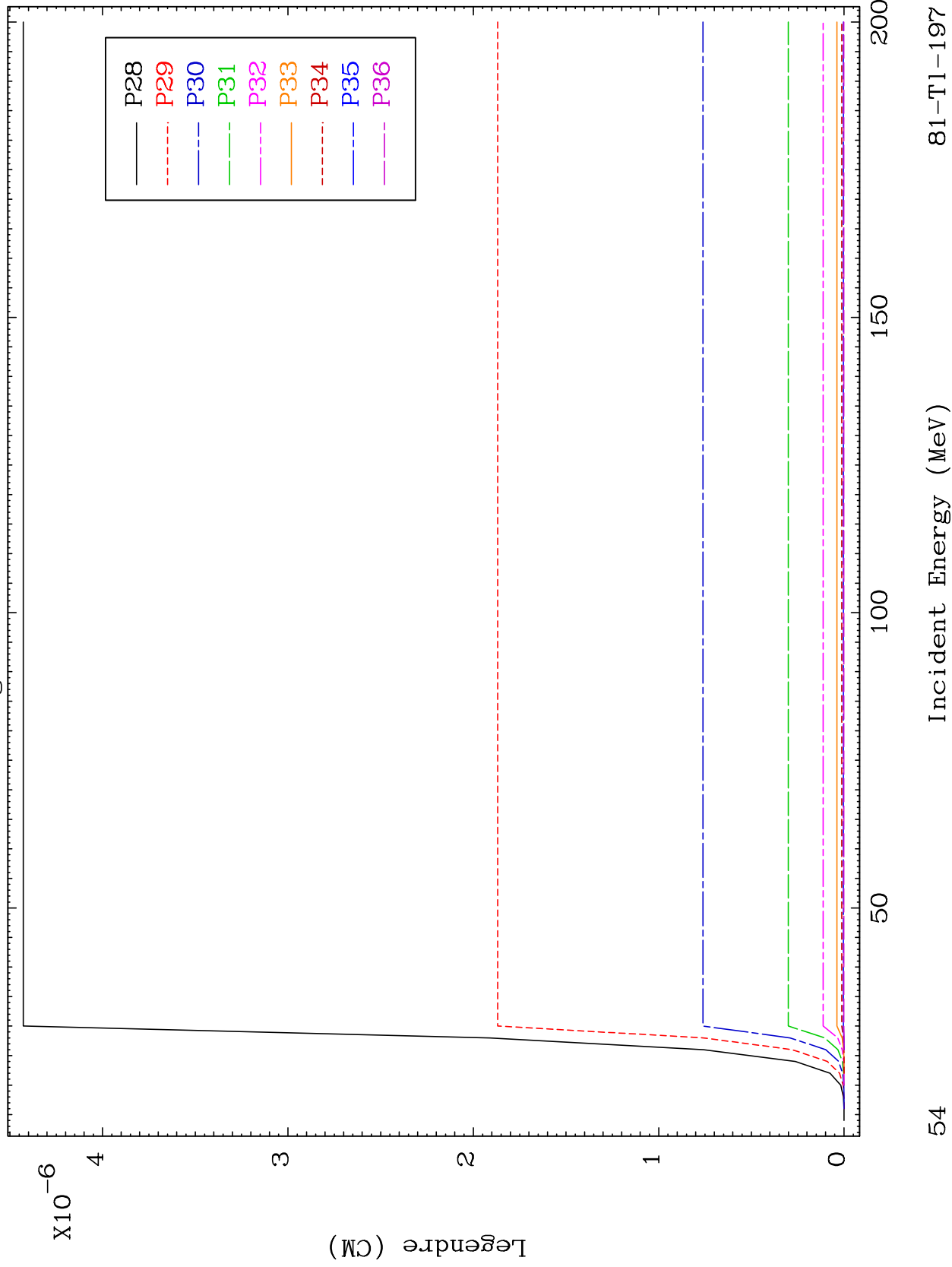
81-Tl-197



MAT 8107

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

81-Tl-197



54

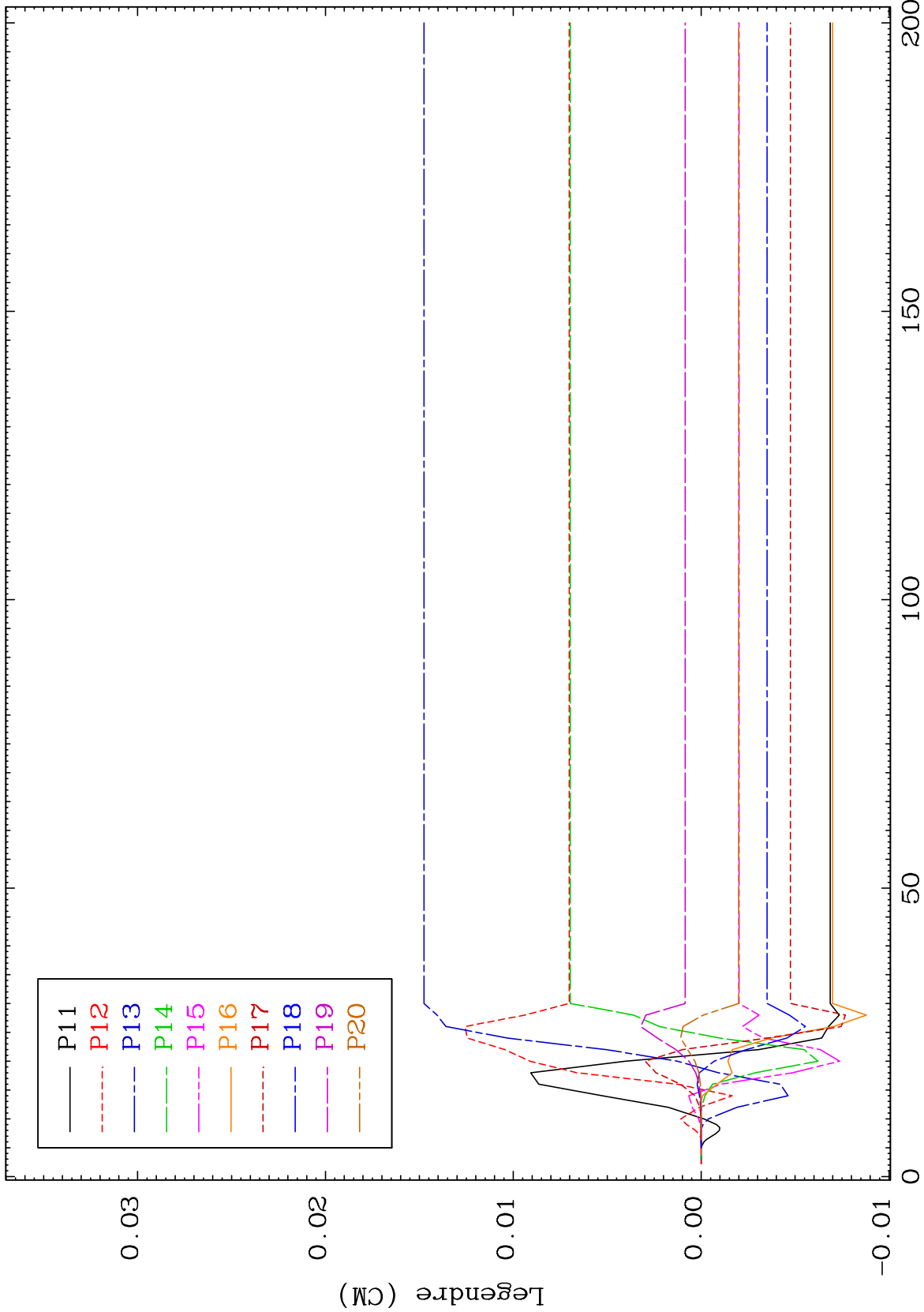
Incident Energy (MeV)

81-Tl-197

MAT 8107

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

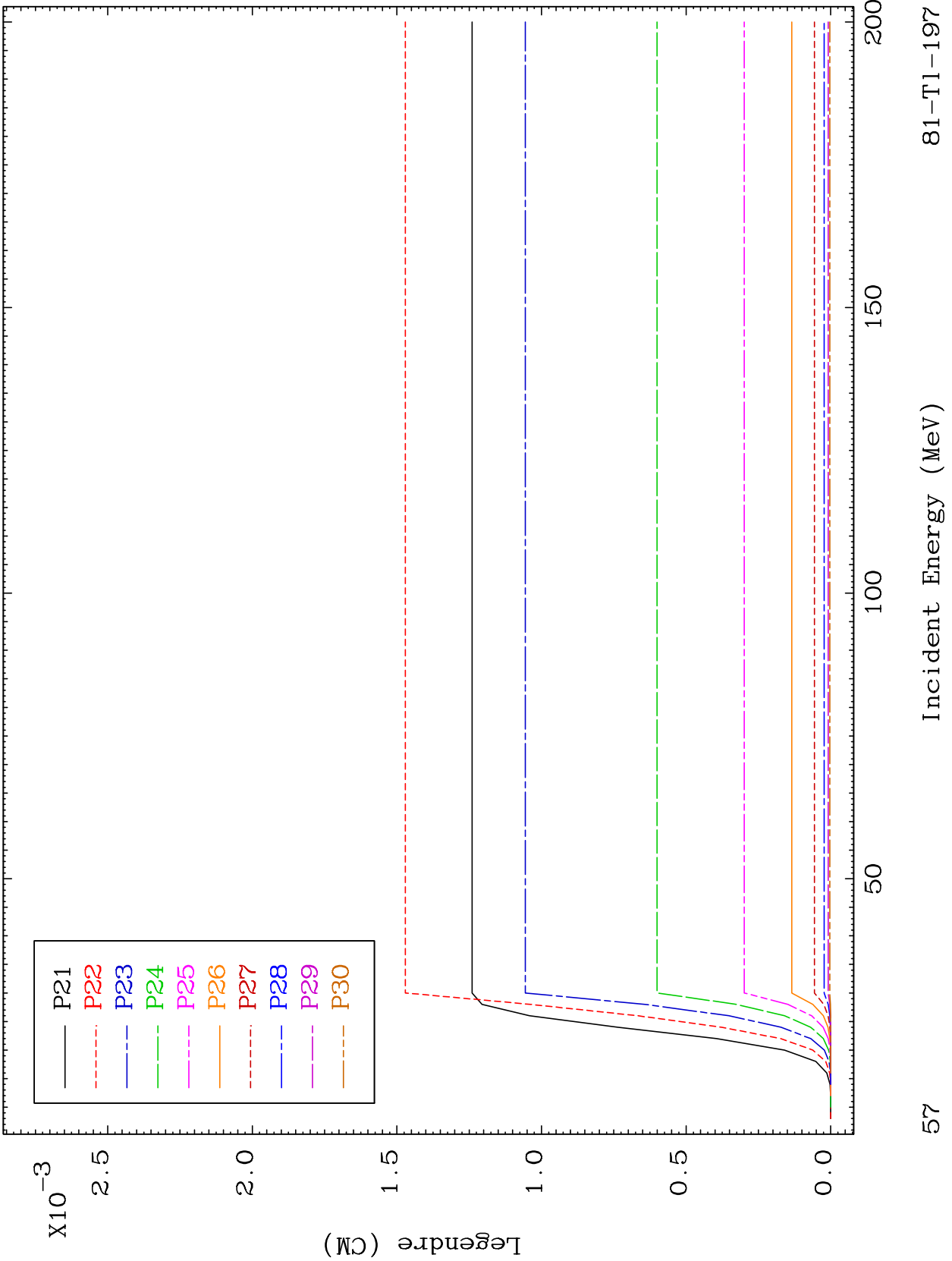
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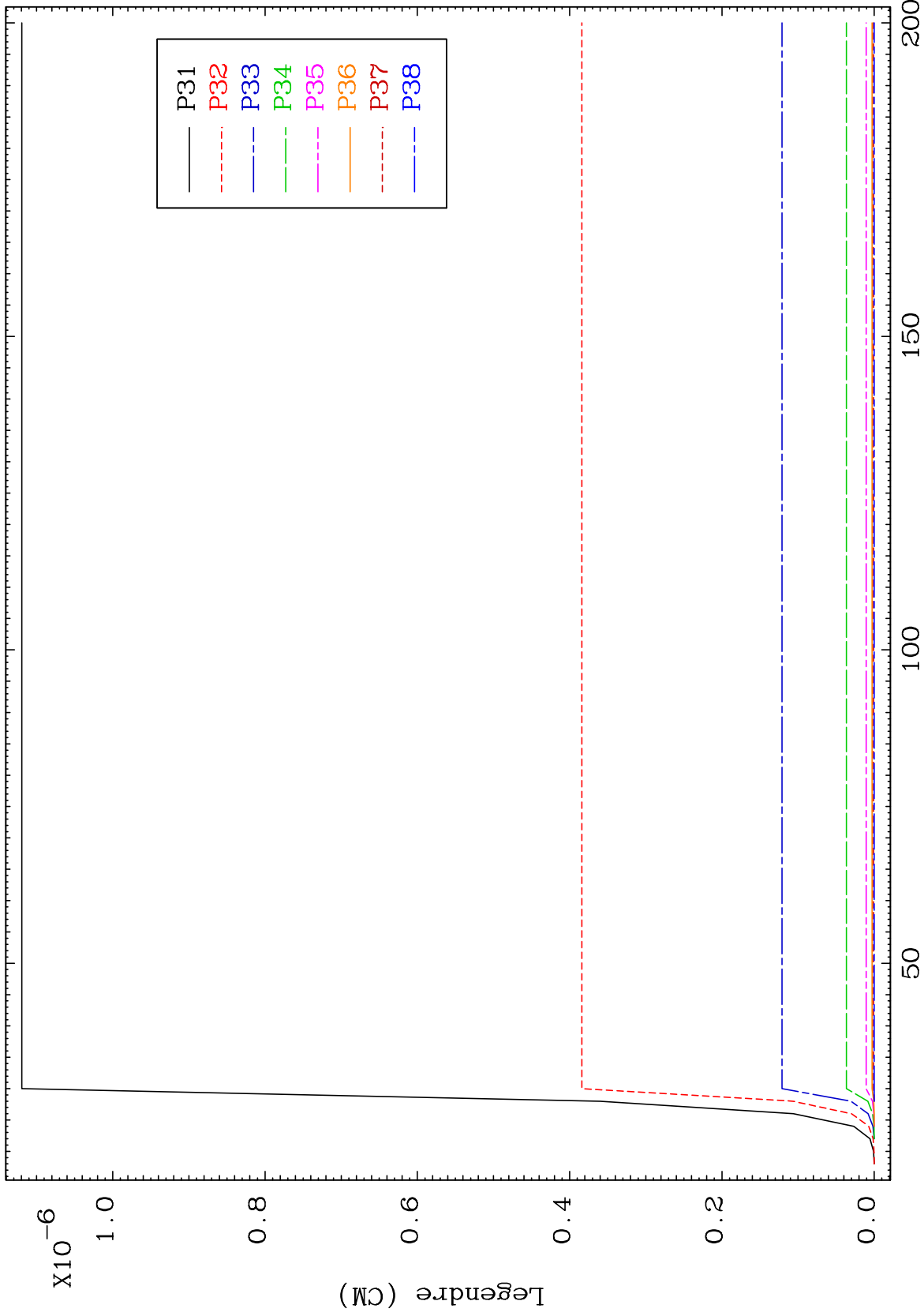


56

81-Tl-197

81-Tl-197

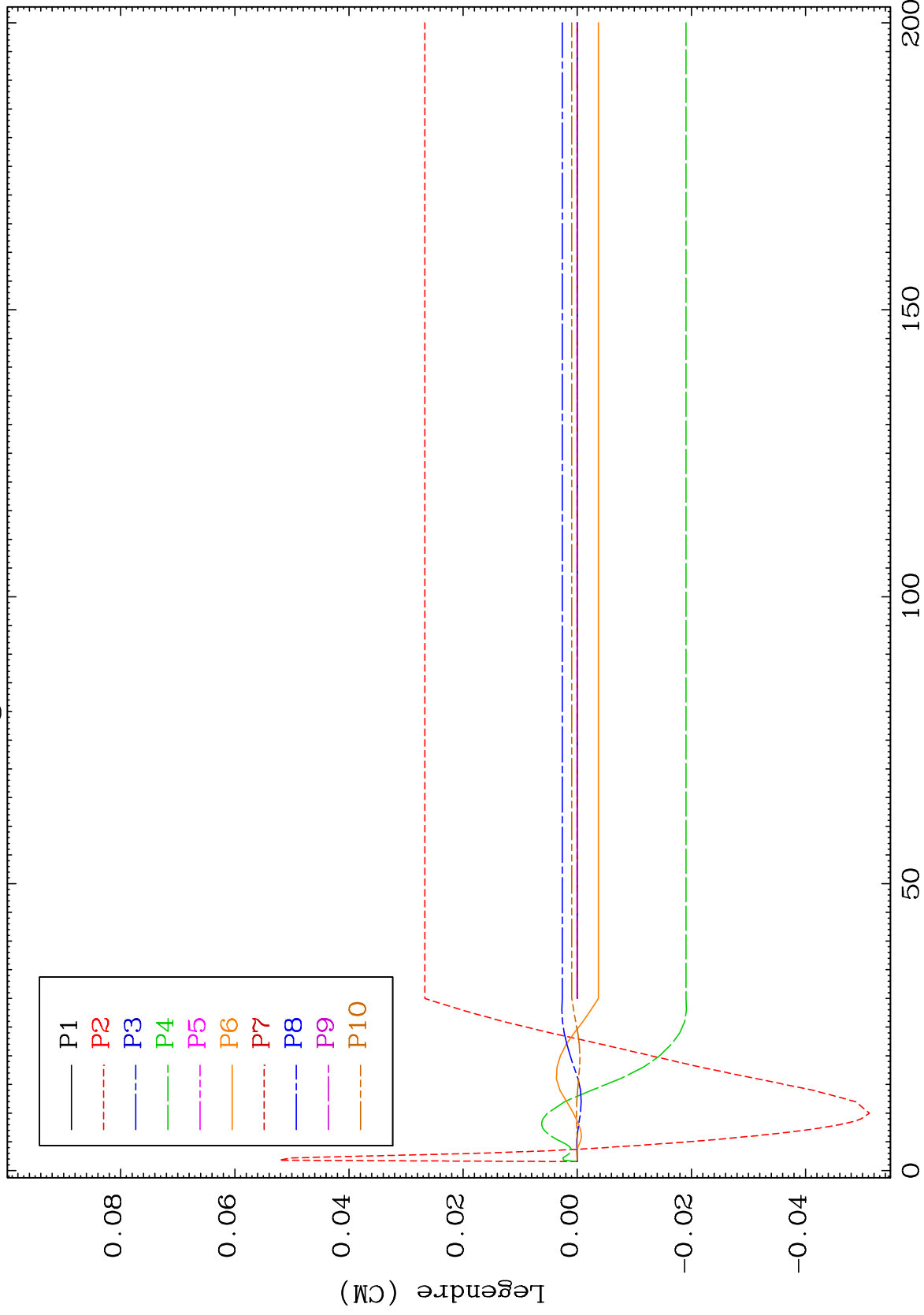




MAT 8107

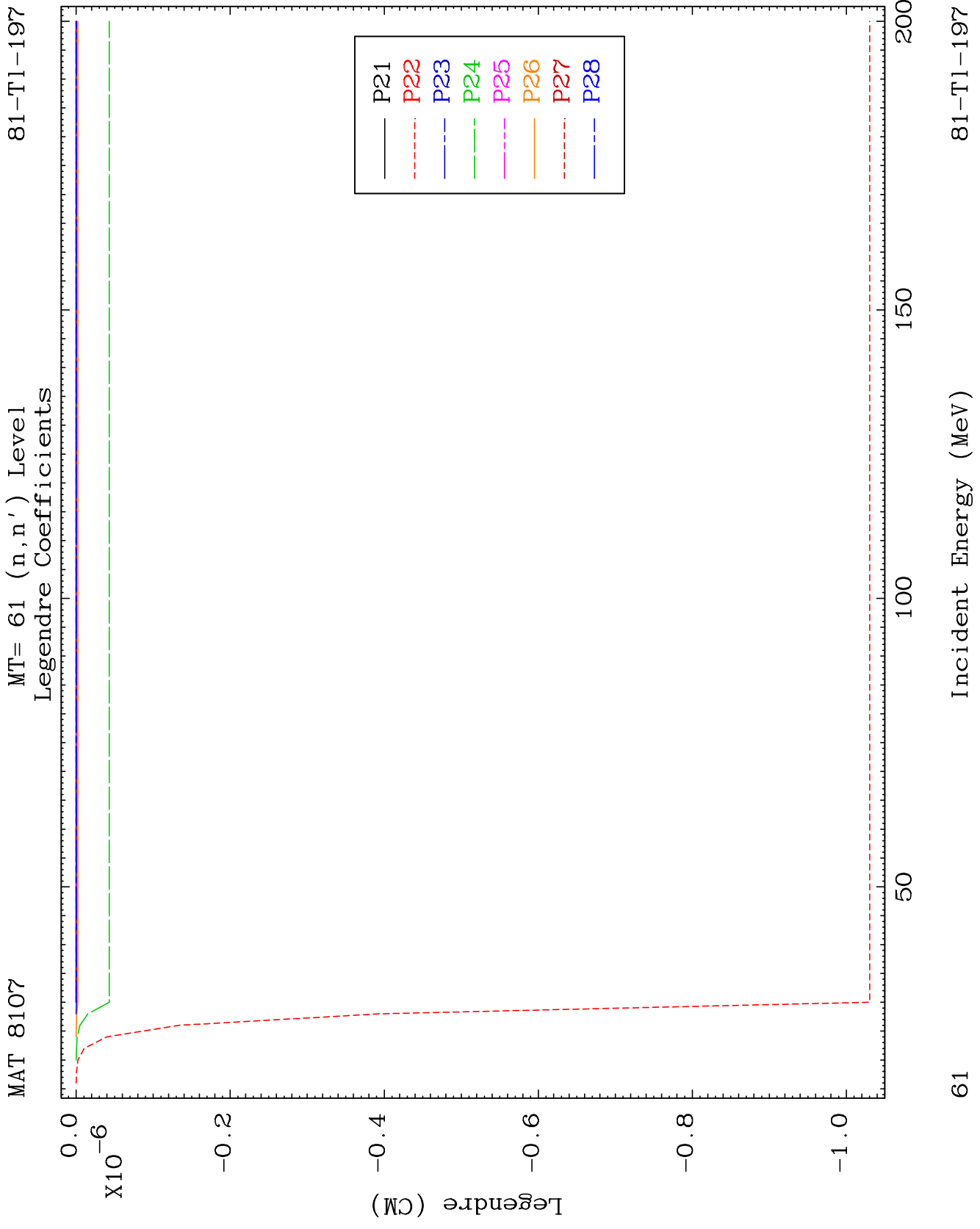
MT= 61 (n,n') Level
Legendre Coefficients

81-T1-197



59

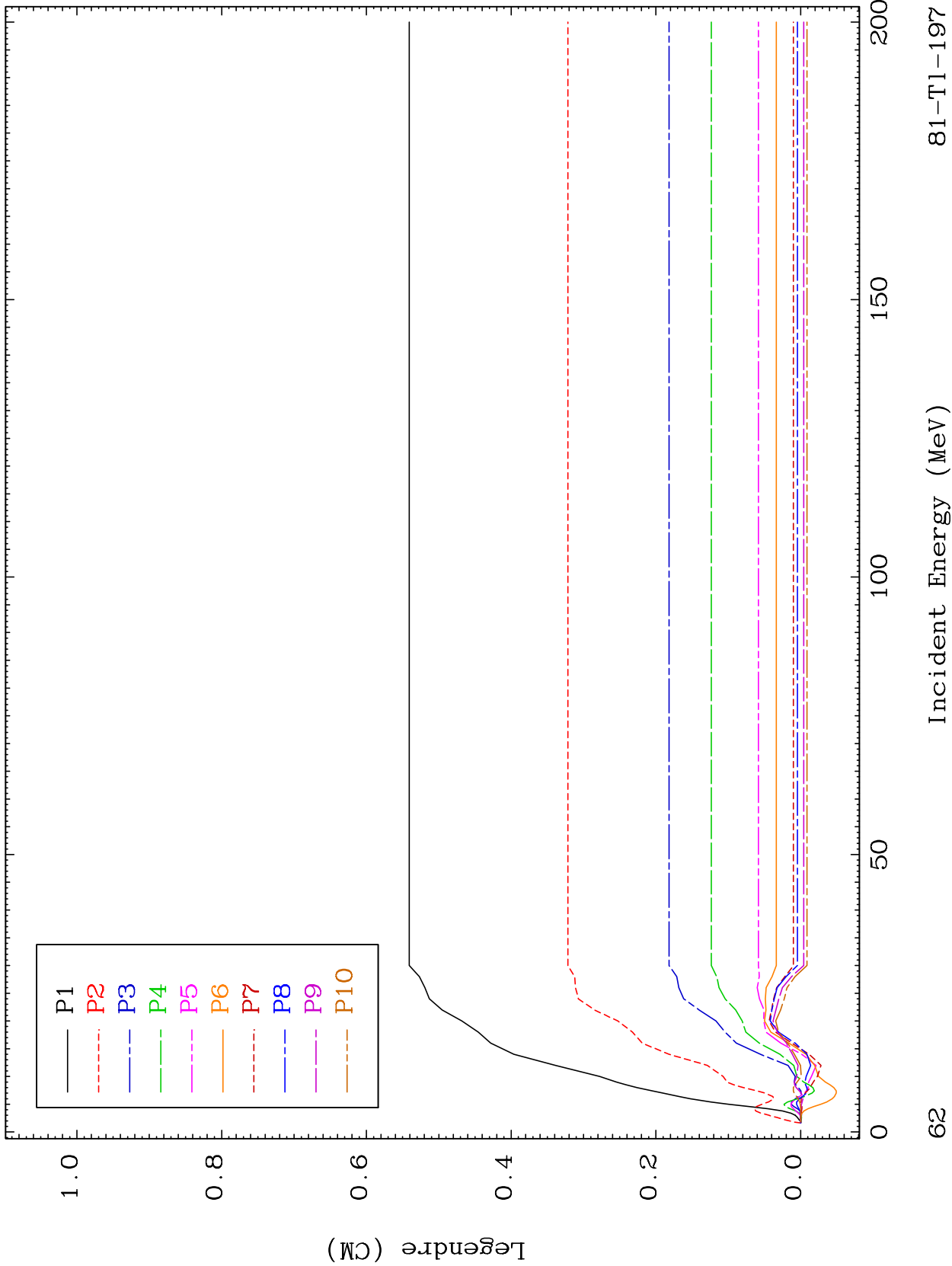
81-T1-197



MAT 8107

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

81-T1-197



81-T1-197

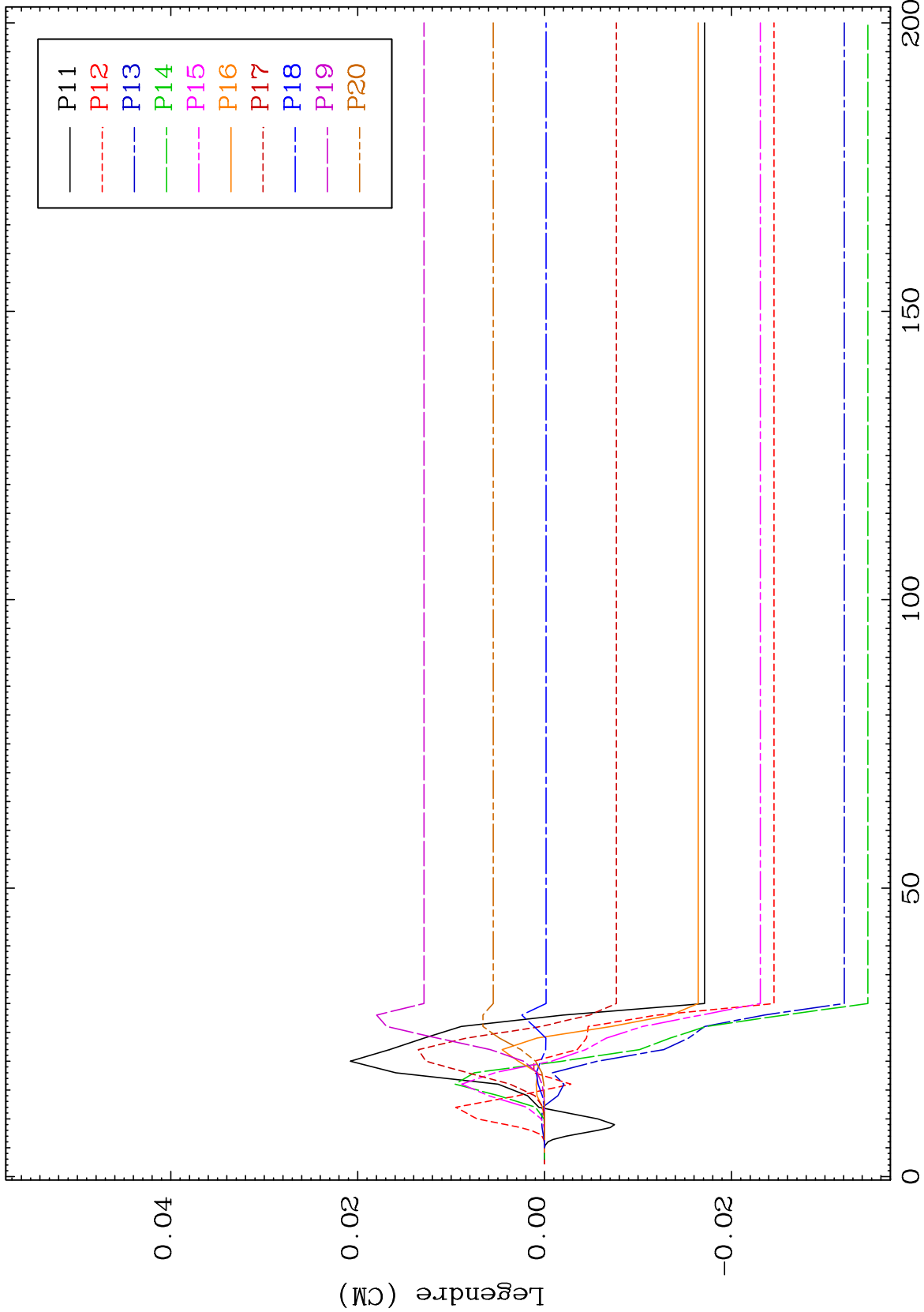
Incident Energy (MeV)

62

MAT 8107

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

81-T1-197



63

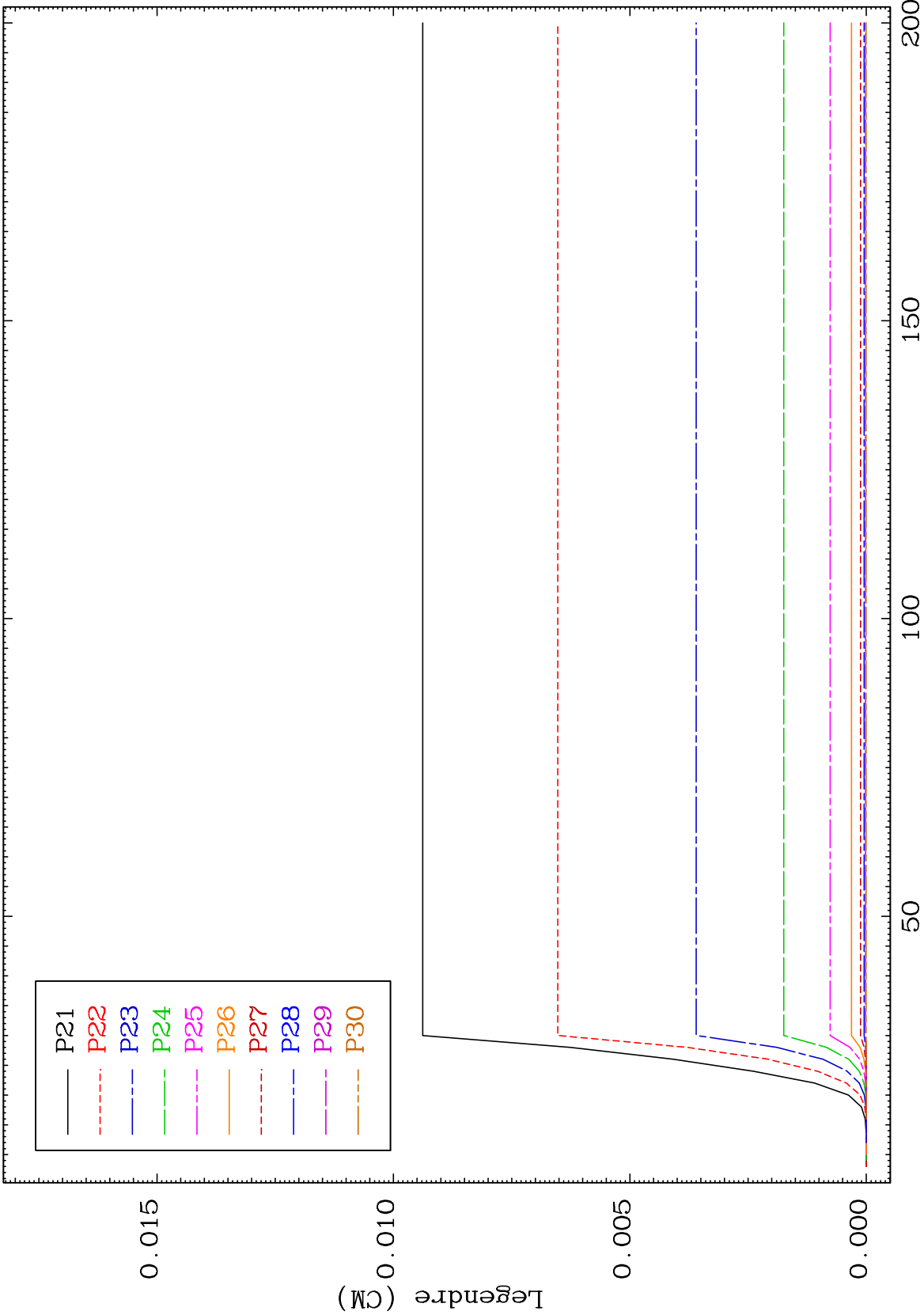
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



64

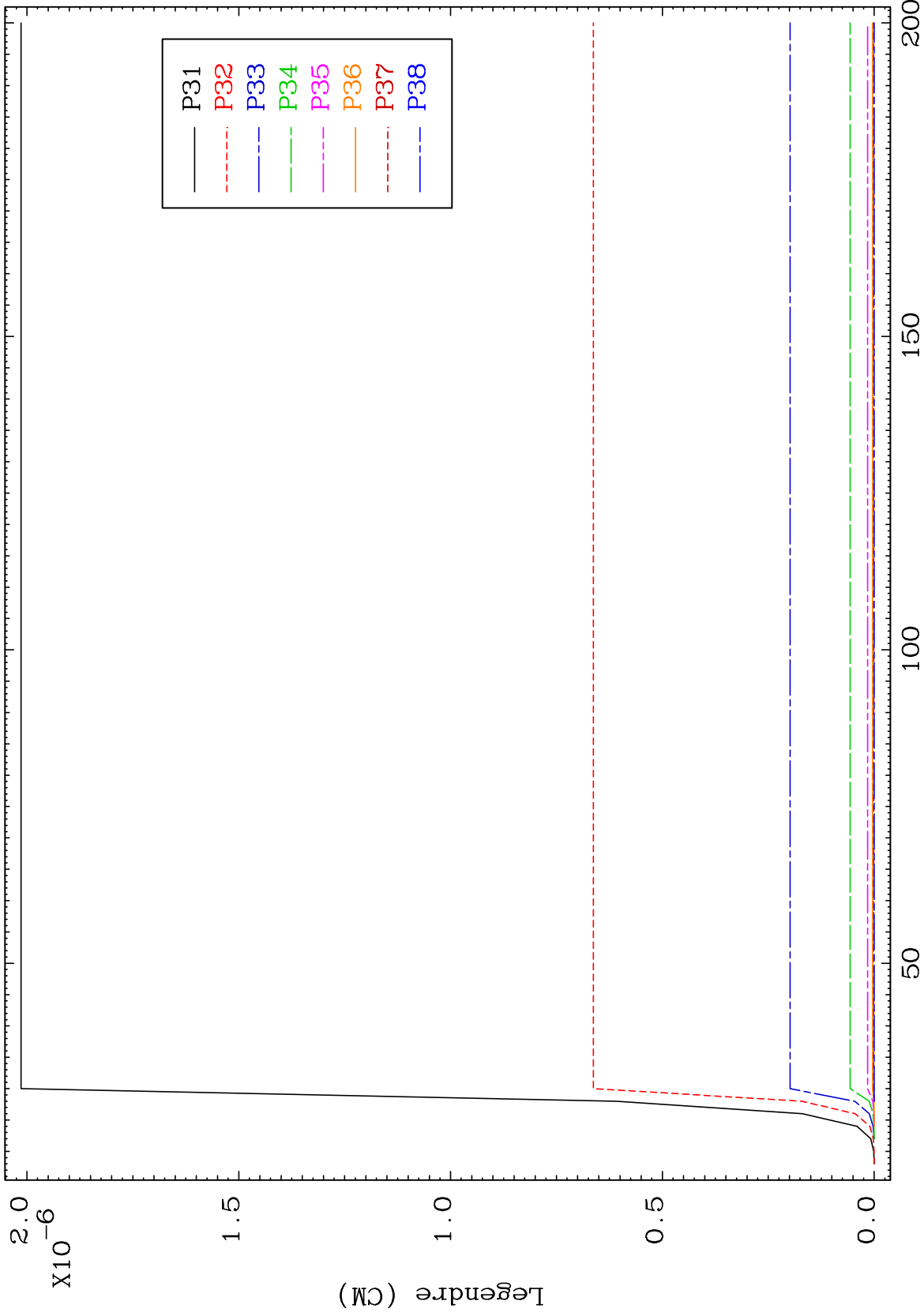
Incident Energy (MeV)

81-Tl-197

MAT 8107

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

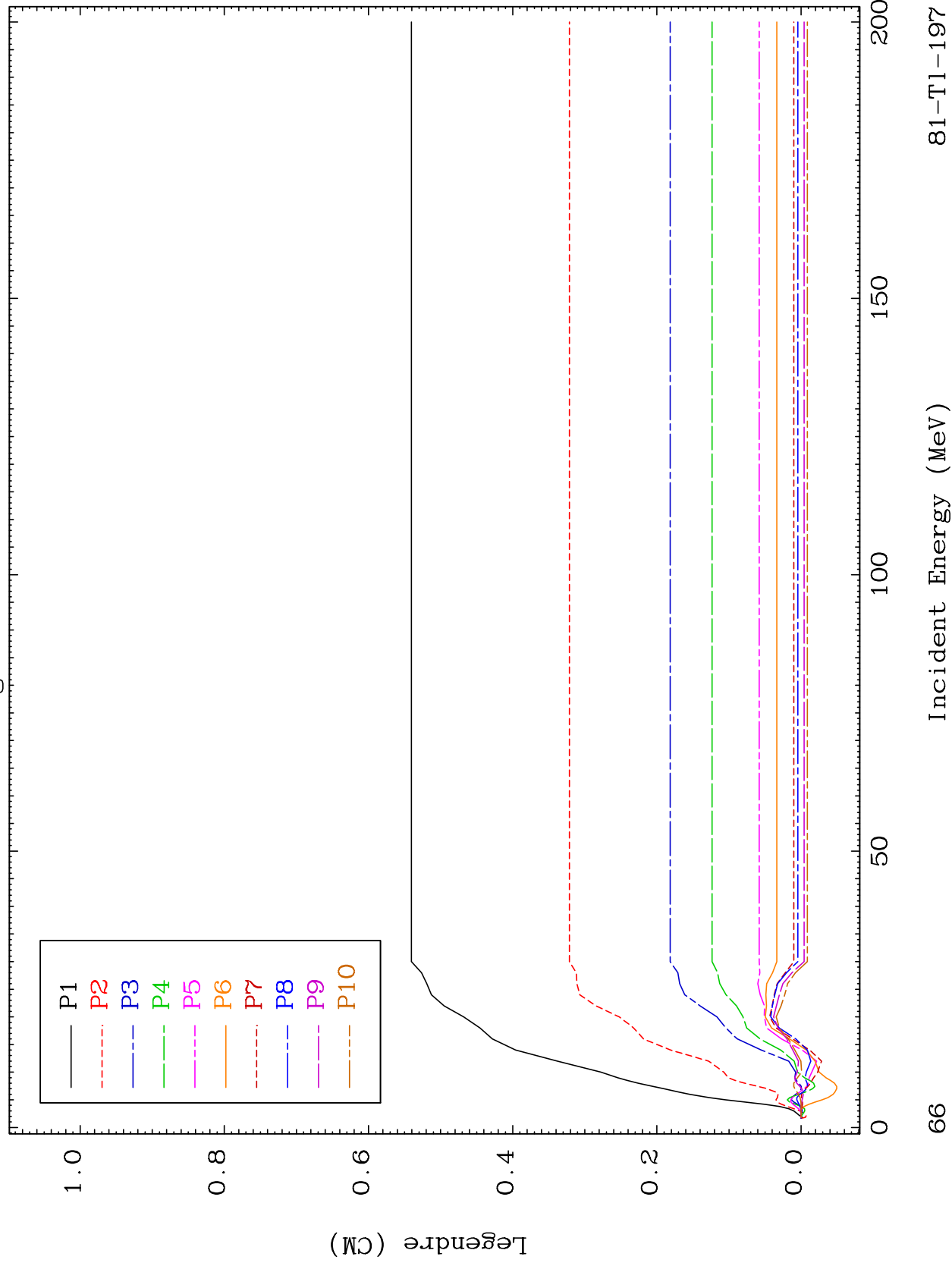
81-T1-197



65

Incident Energy (MeV)

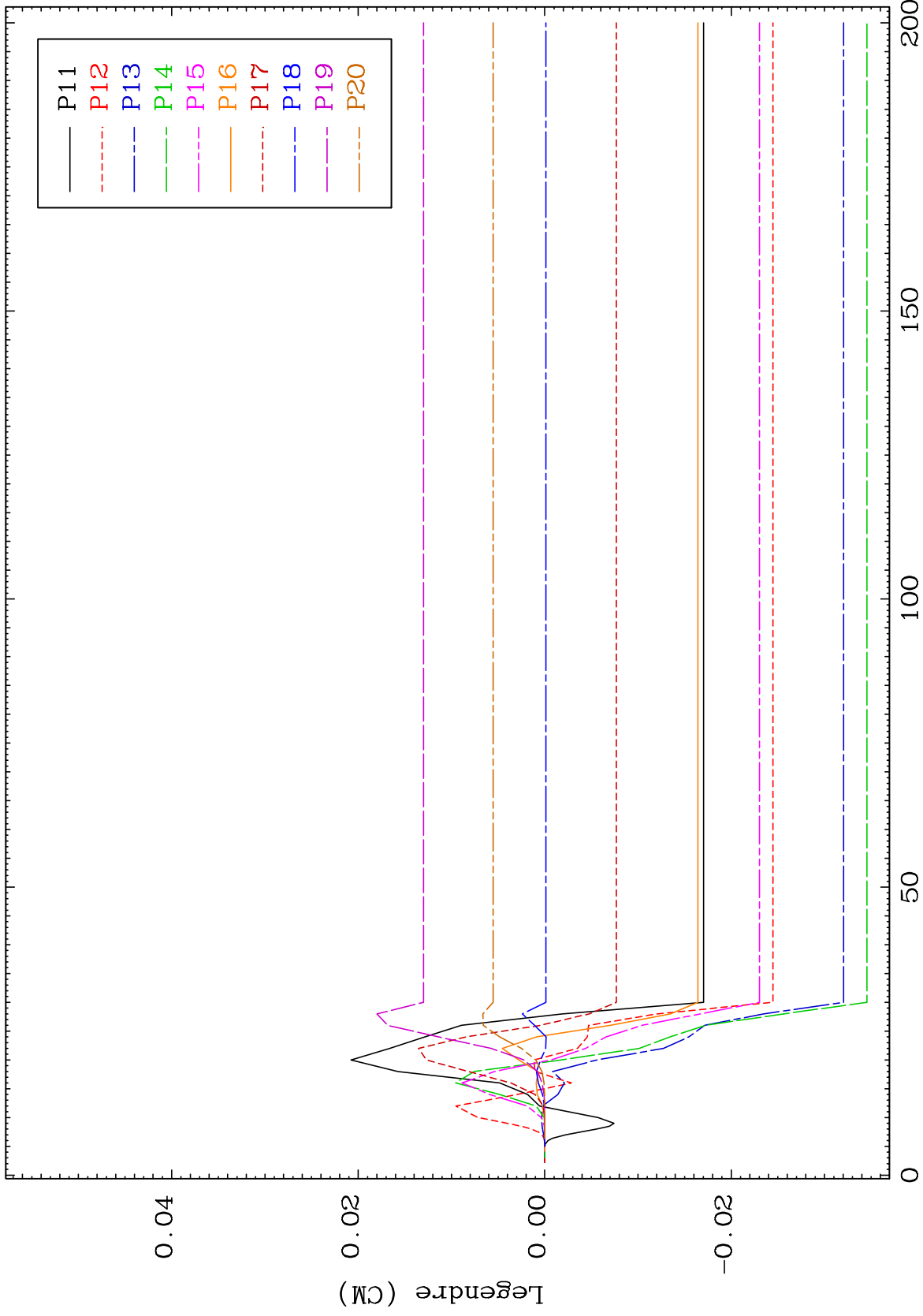
81-T1-197



MAT 8107

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

81-T1-197



67

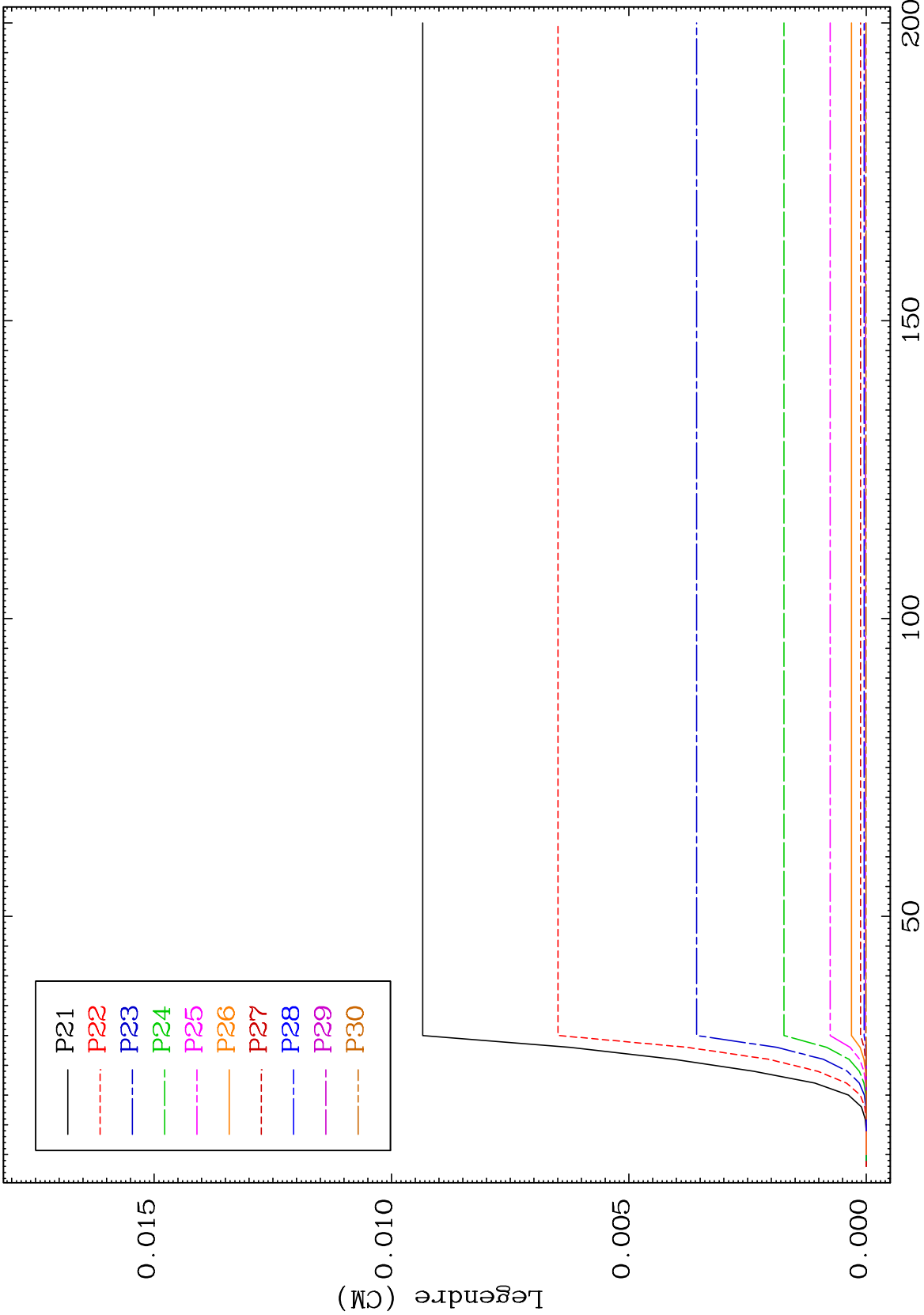
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



68

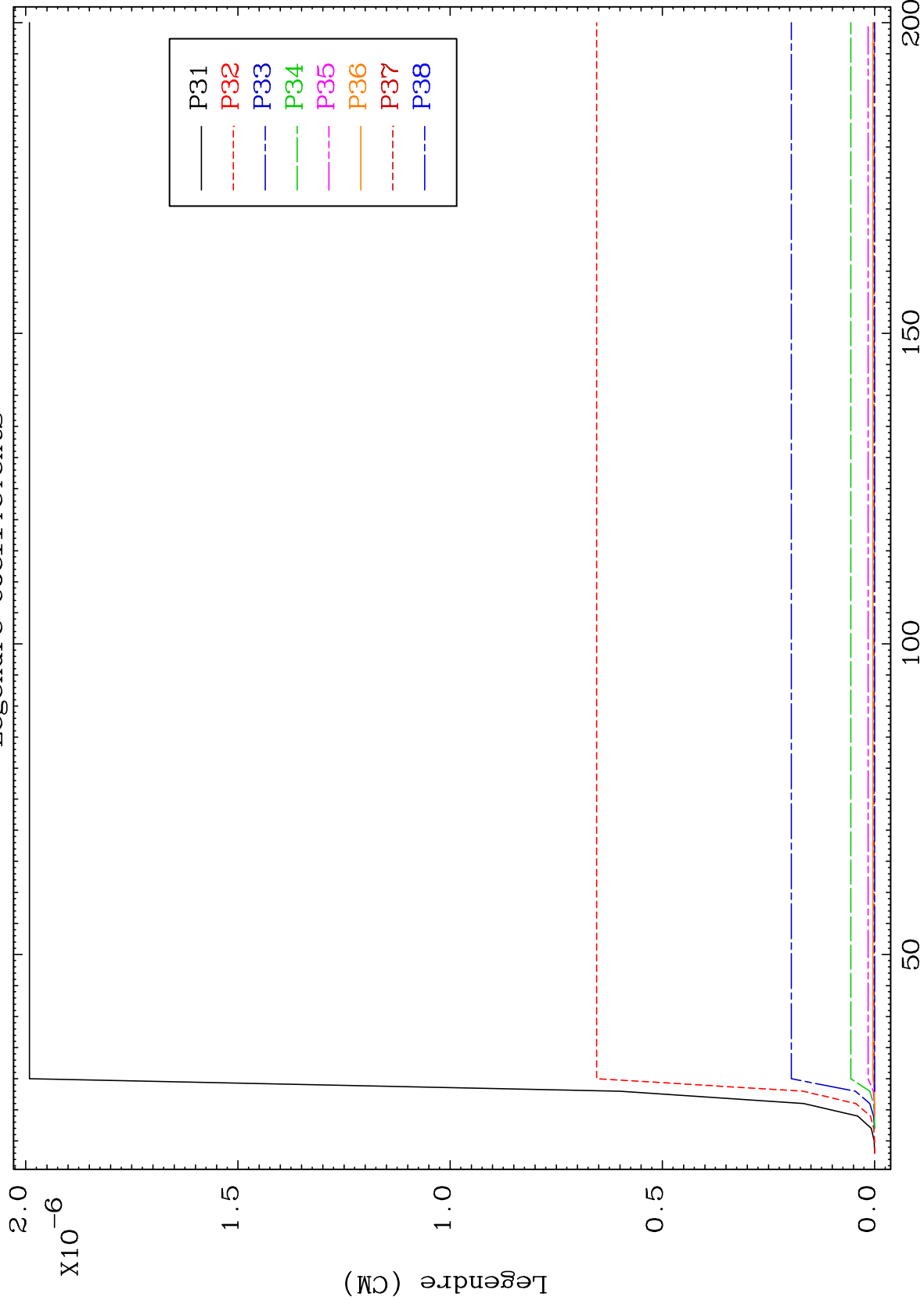
Incident Energy (MeV)

81-Tl-197

MAT 8107

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

81-T1-197



69

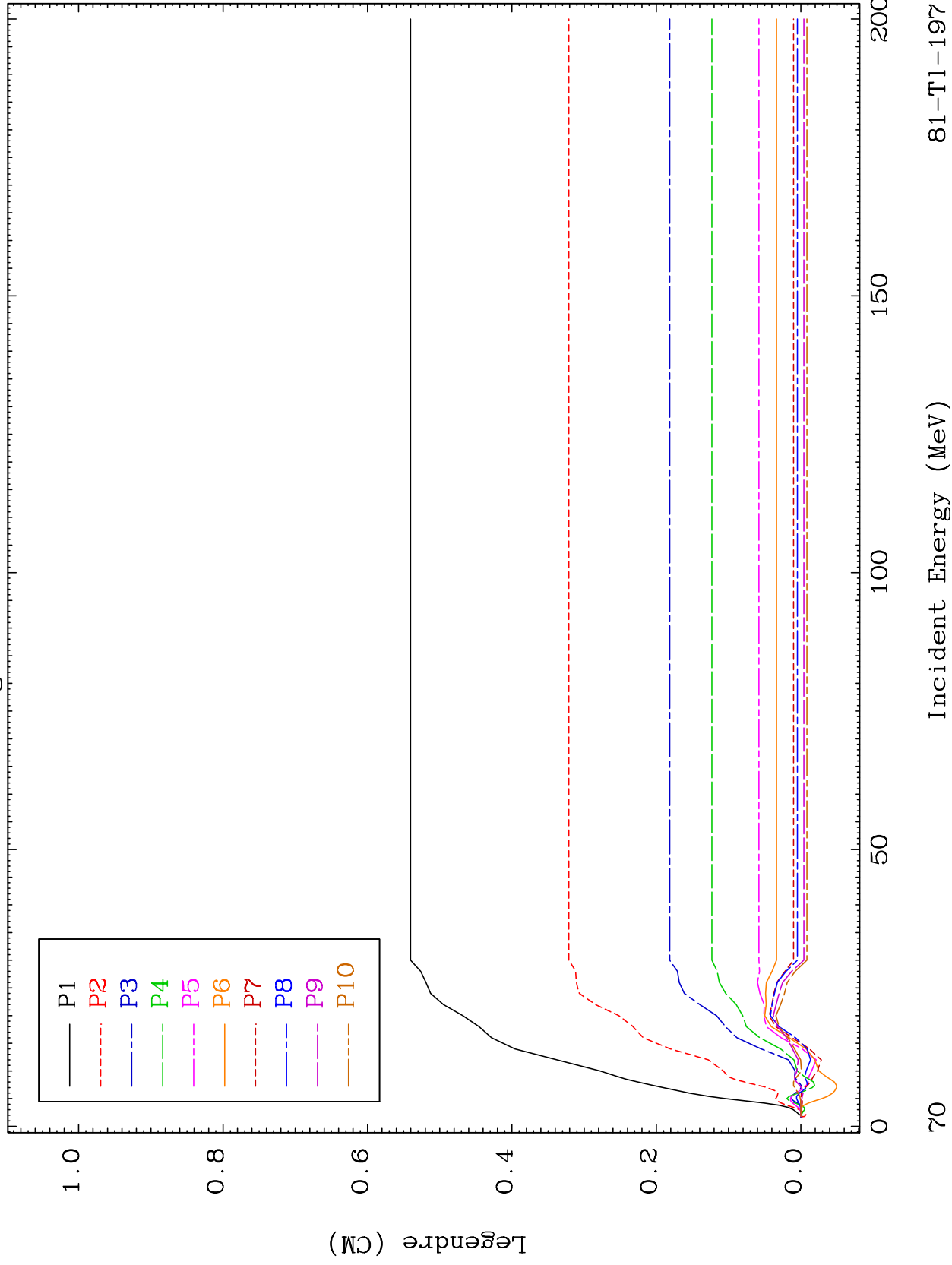
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



81-T1-197

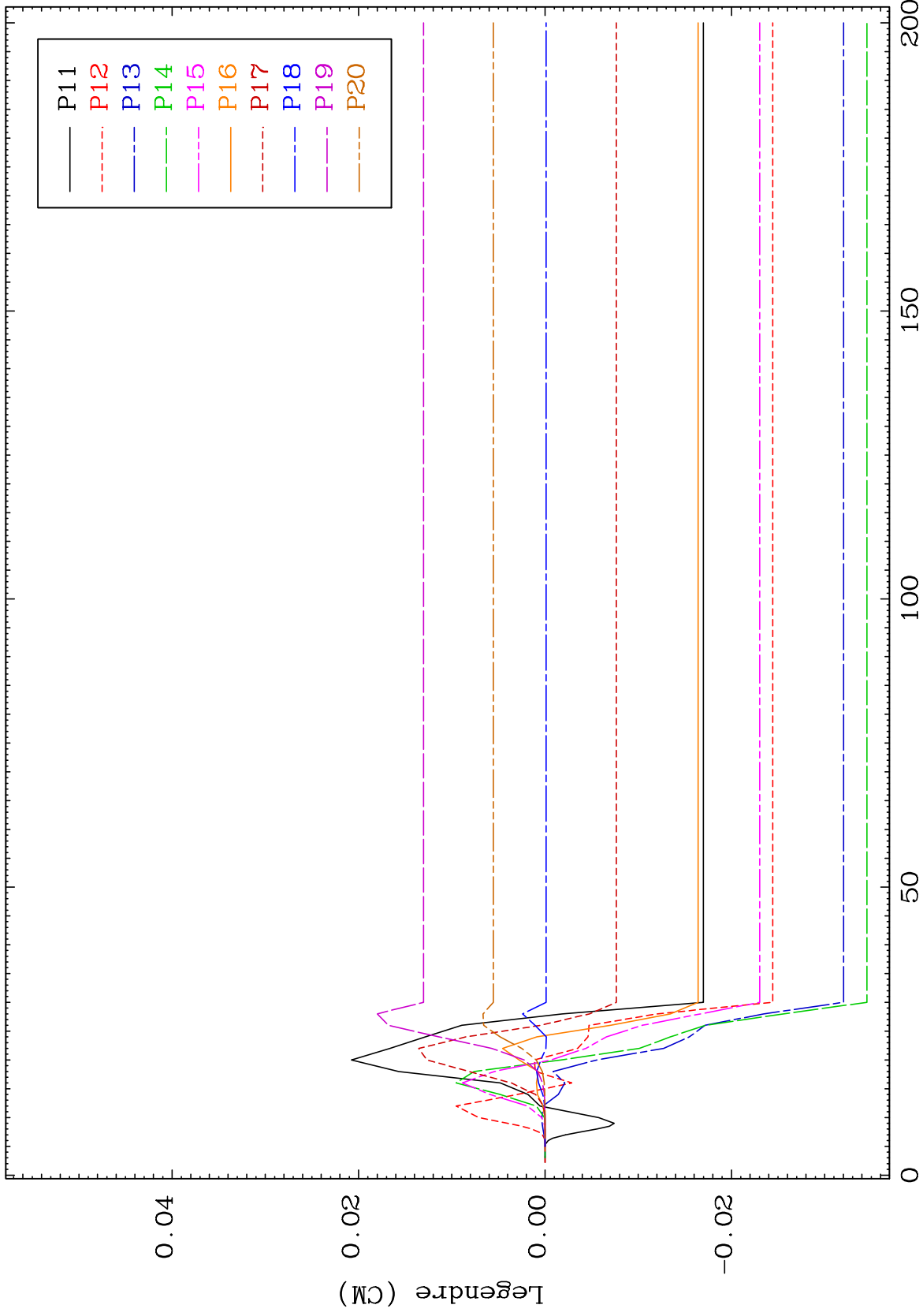
Incident Energy (MeV)

70

MAT 8107

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

81-T1-197



71

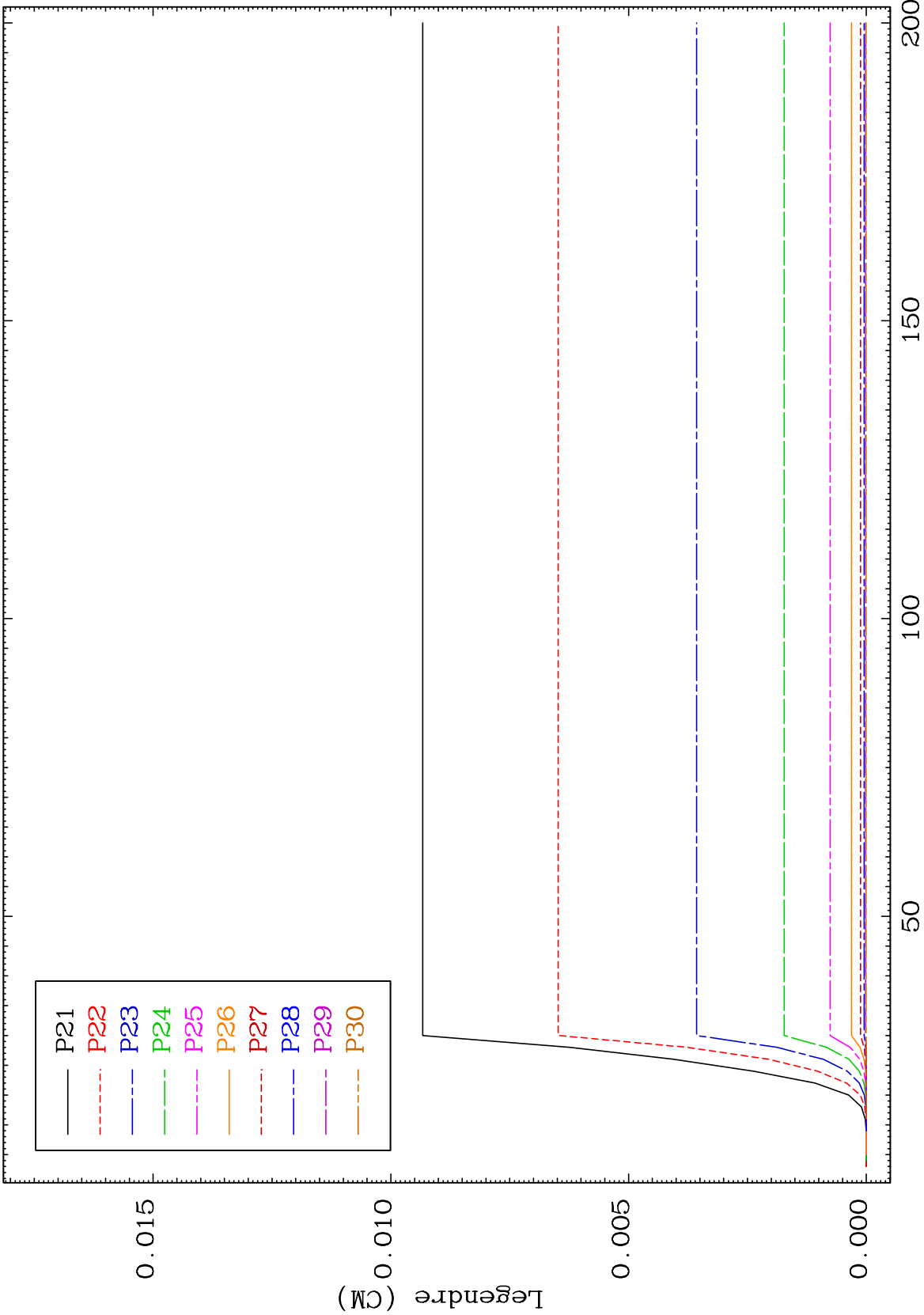
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



72

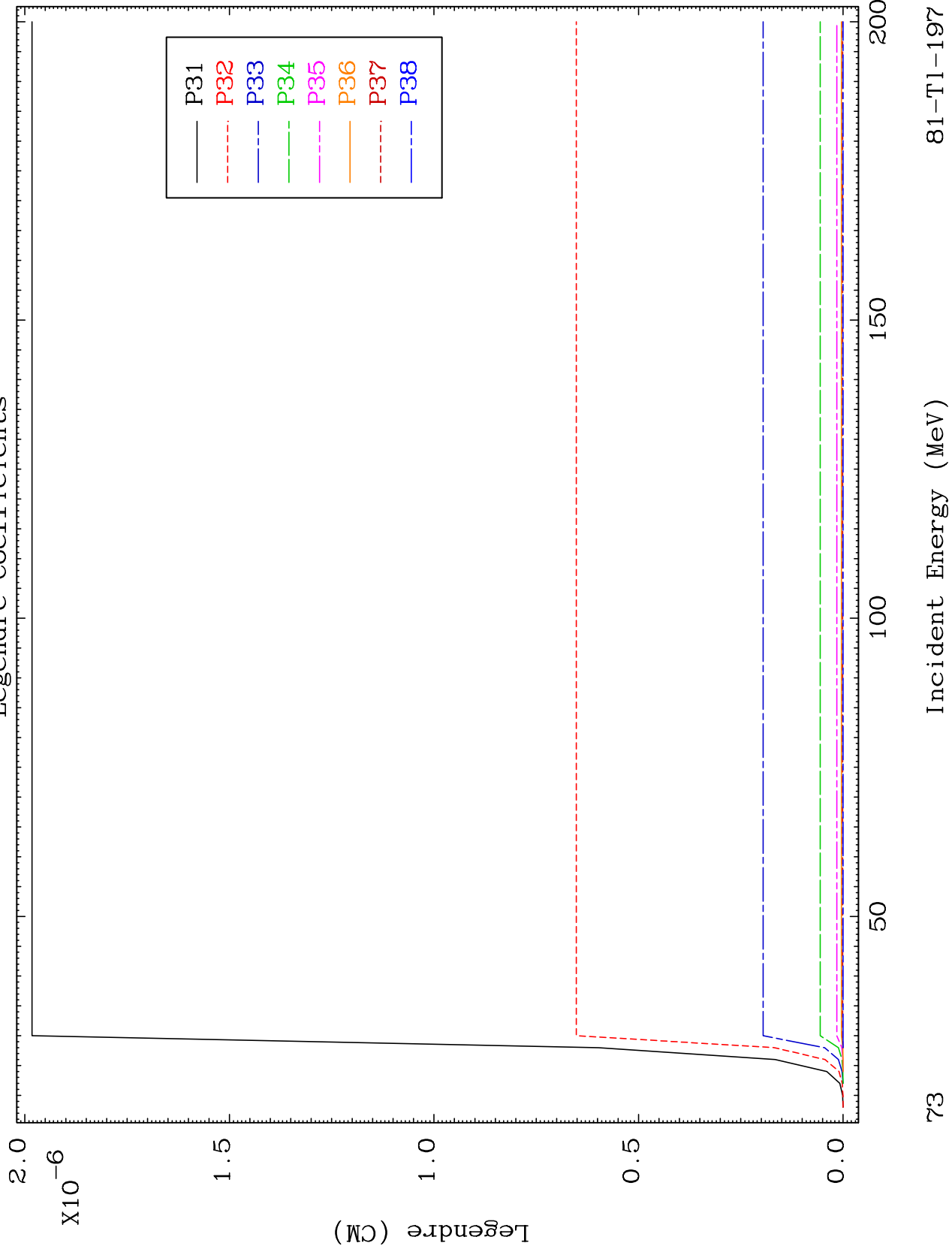
Incident Energy (MeV)

81-Tl-197

MAT 8107

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

81-T1-197



73

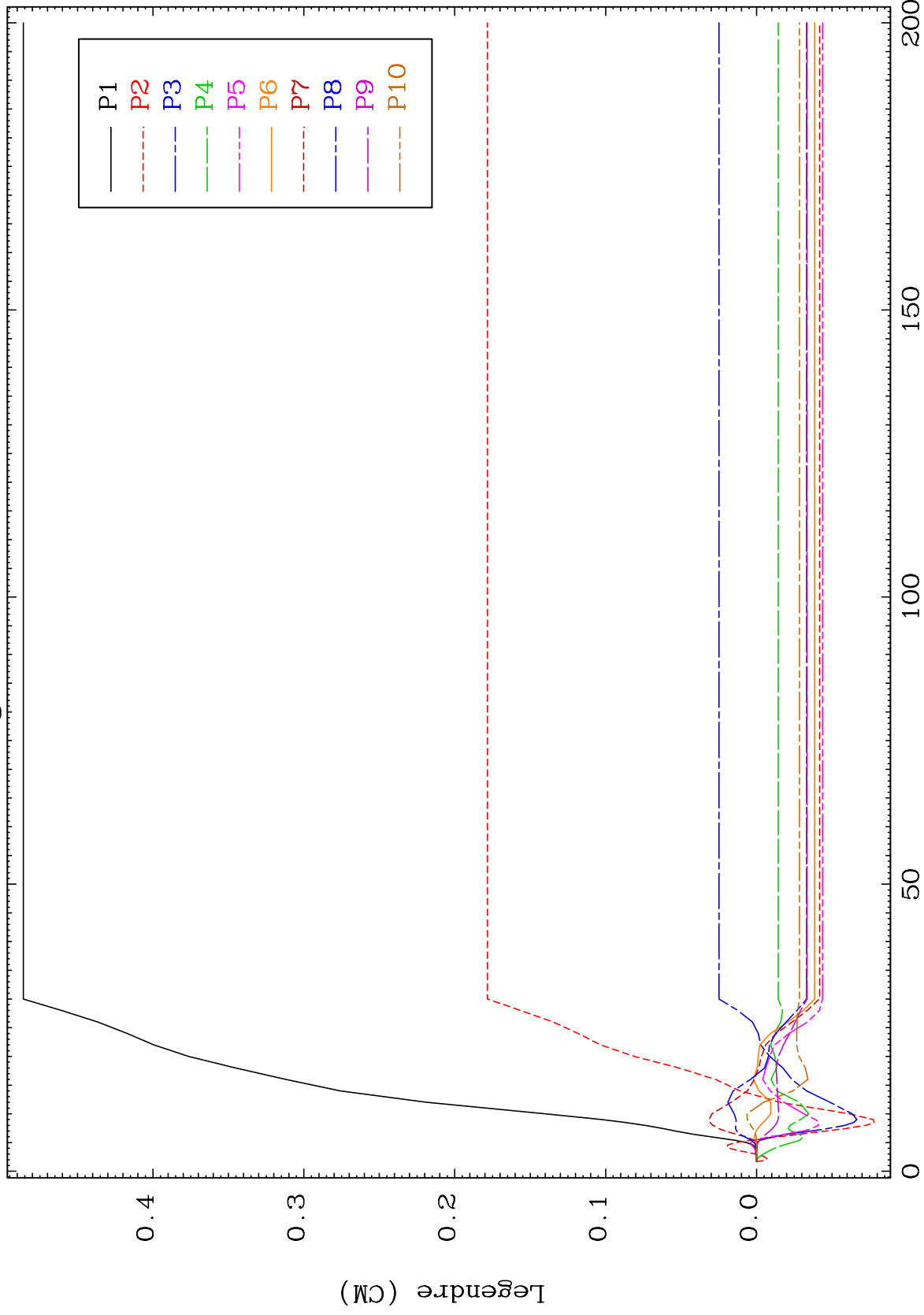
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



74

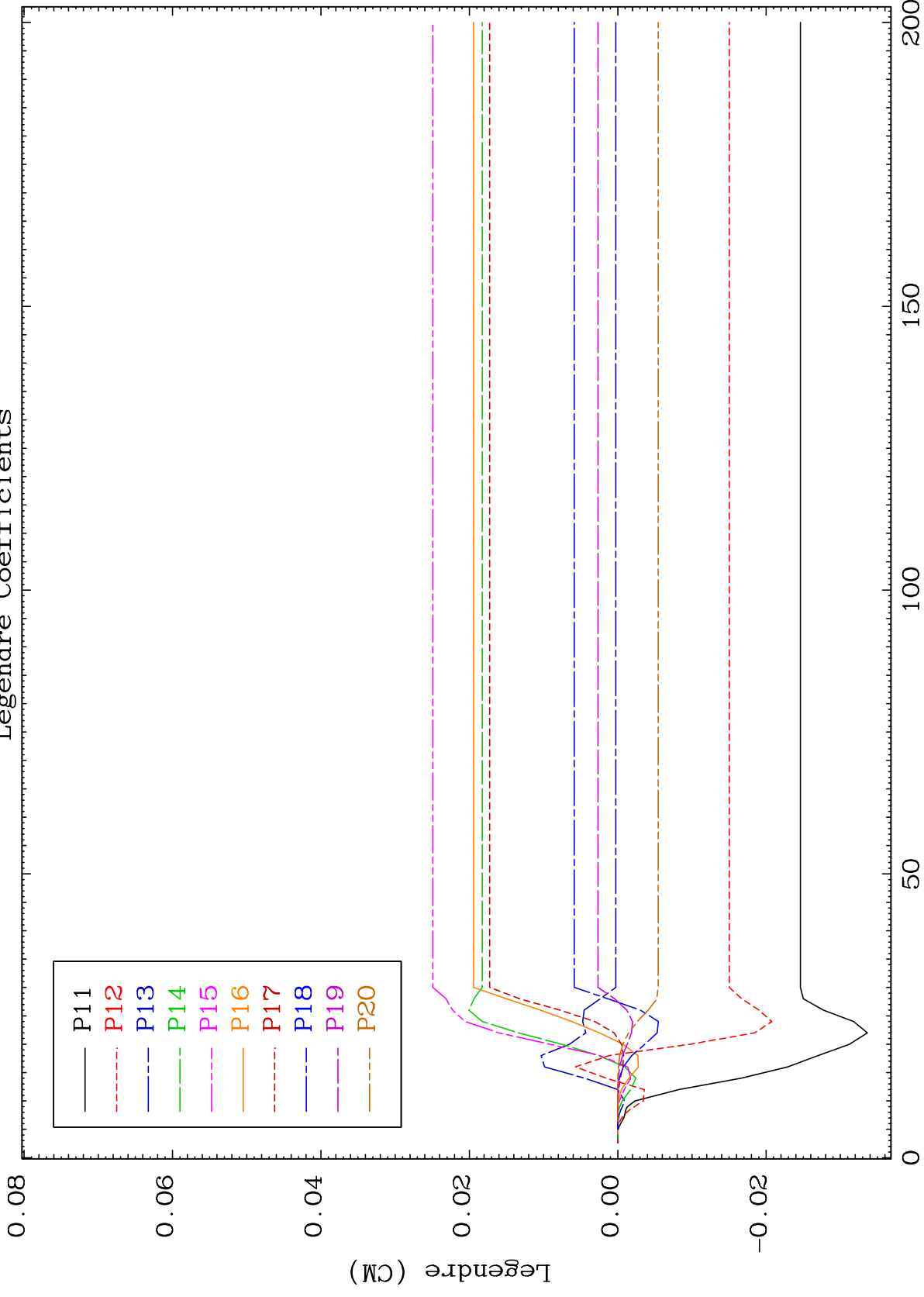
Incident Energy (MeV)

81-T1-197

MAT 8107

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

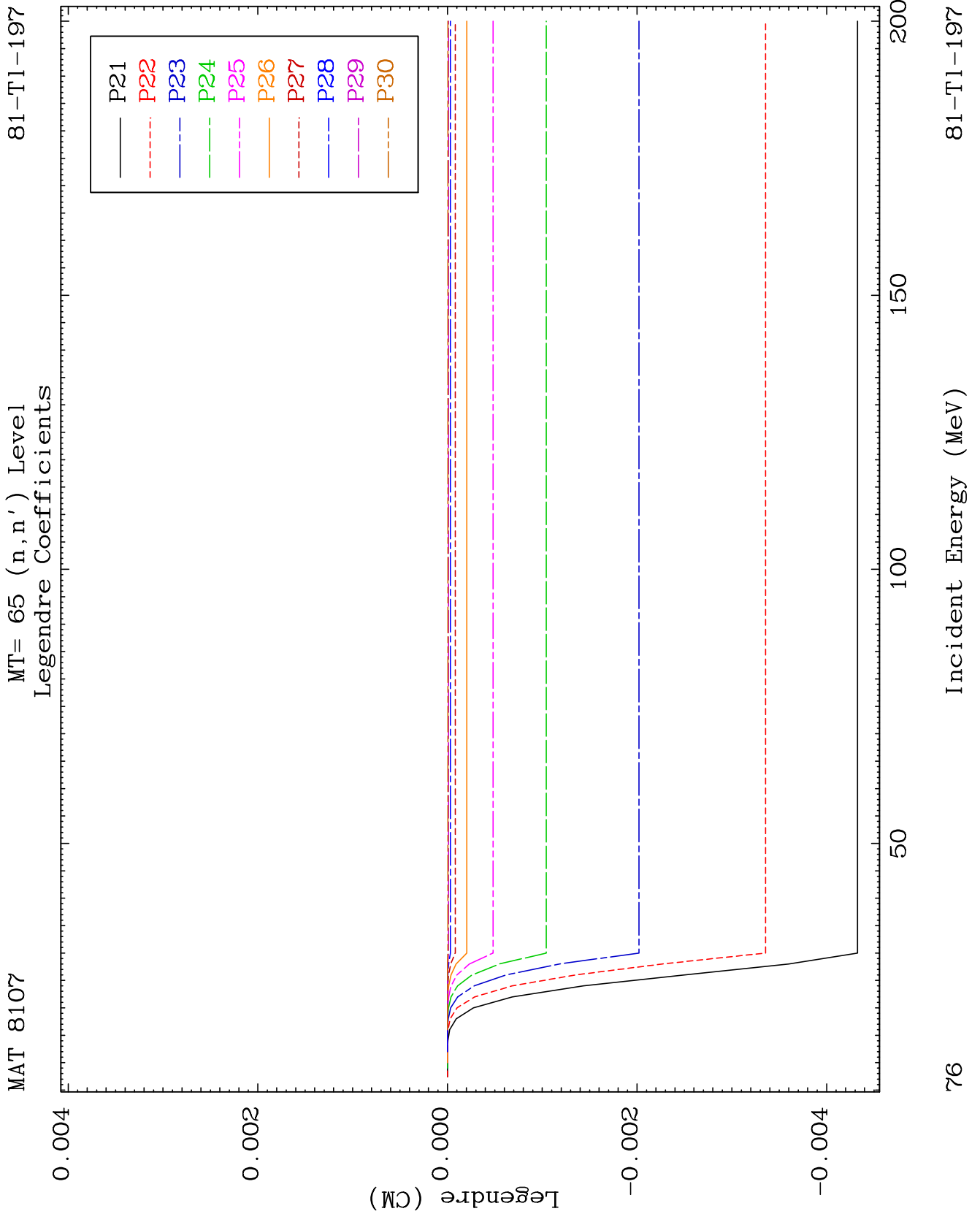
81-T1-197

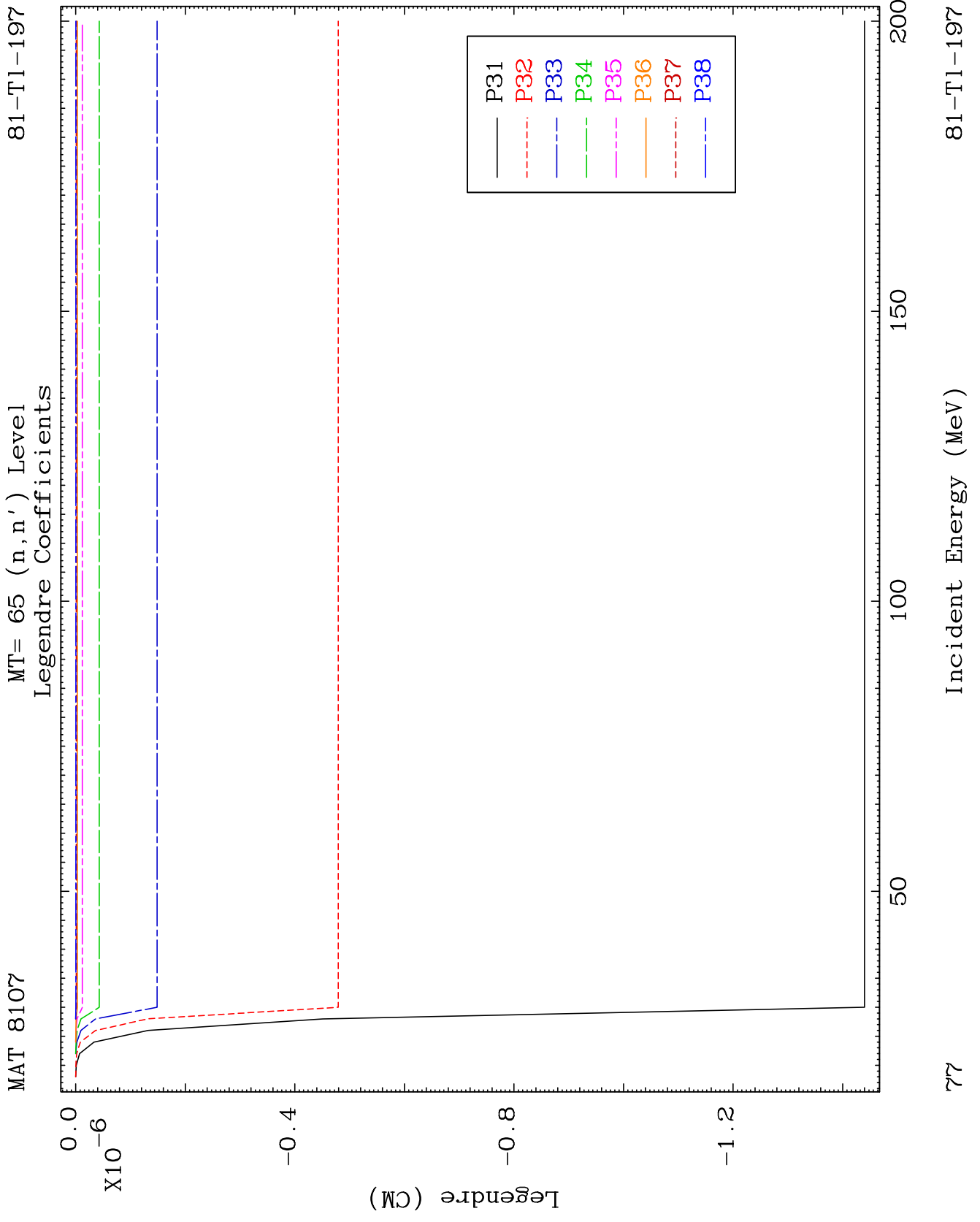


75

Incident Energy (MeV)

81-T1-197

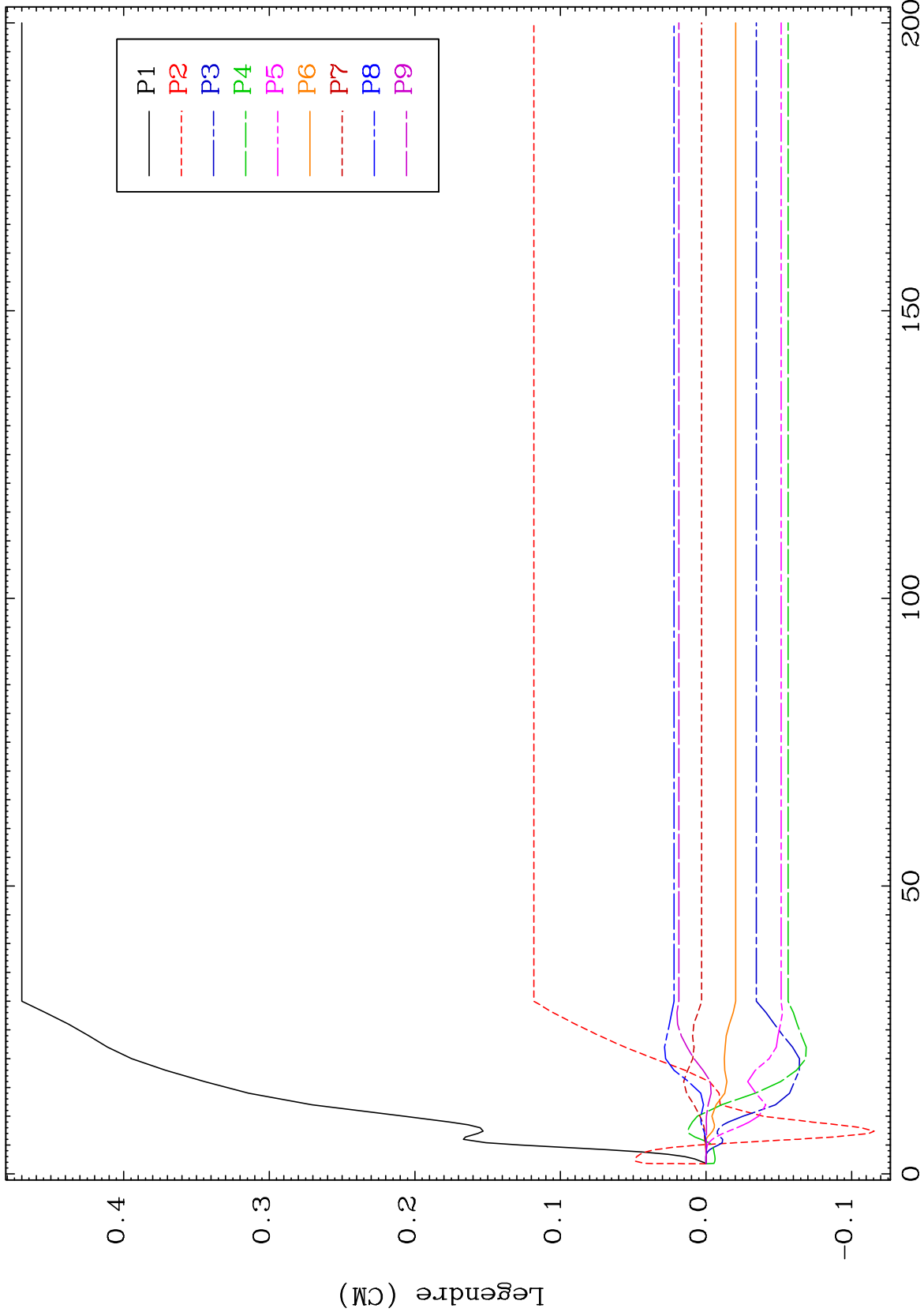




MAT 8107

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

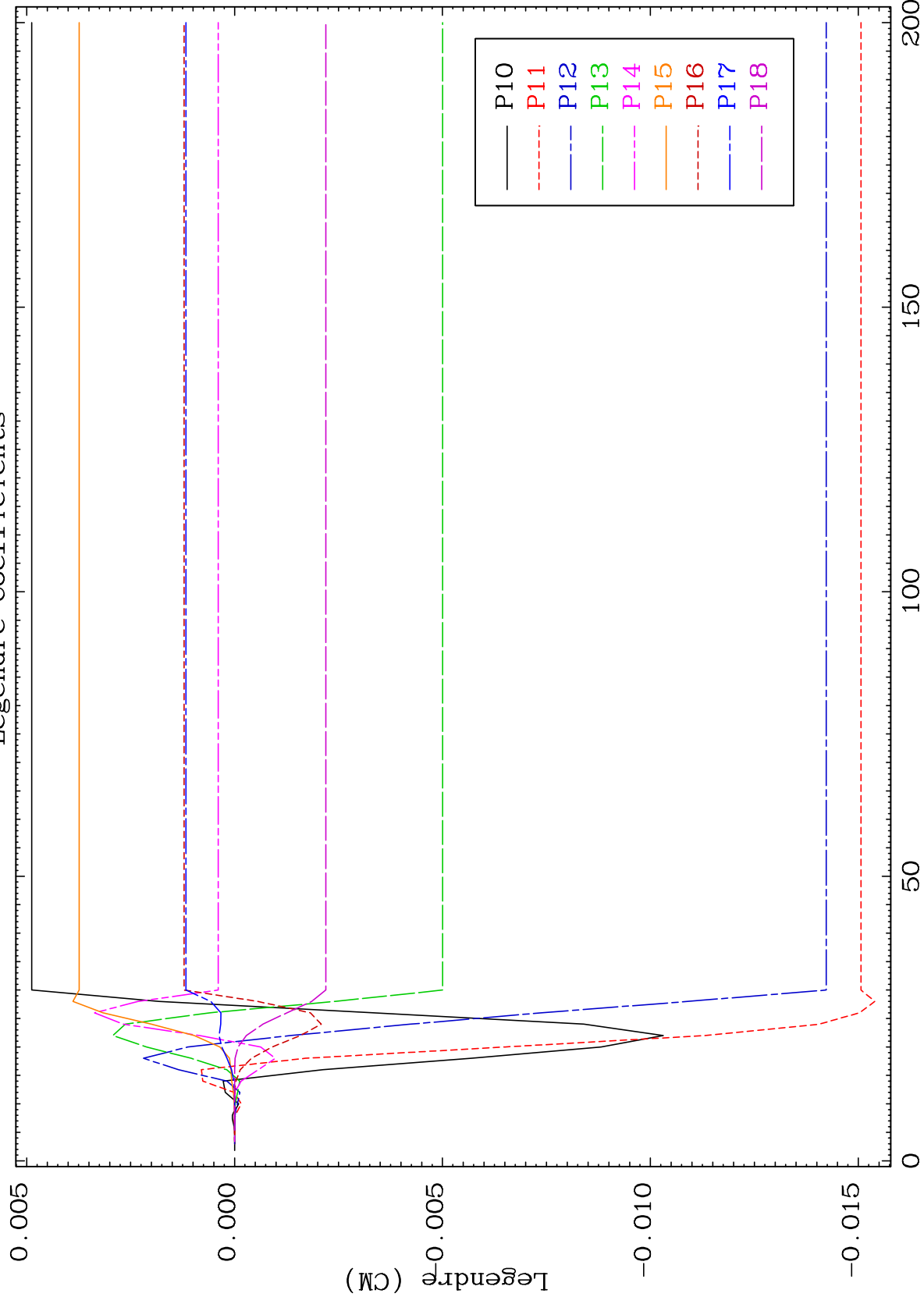
81-T1-197



78

Incident Energy (MeV)

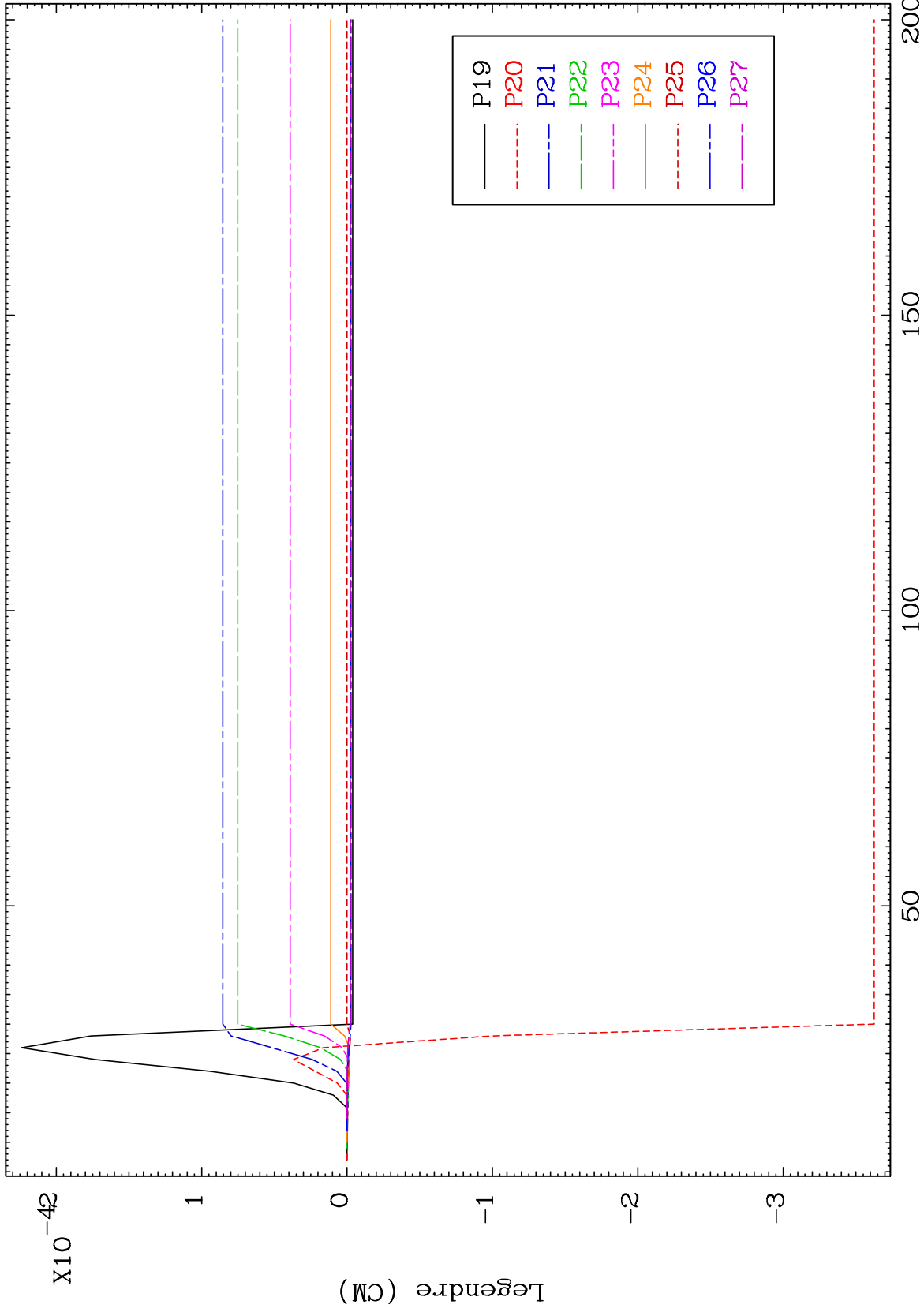
81-T1-197



MAT 8107

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

81-T1-197



80

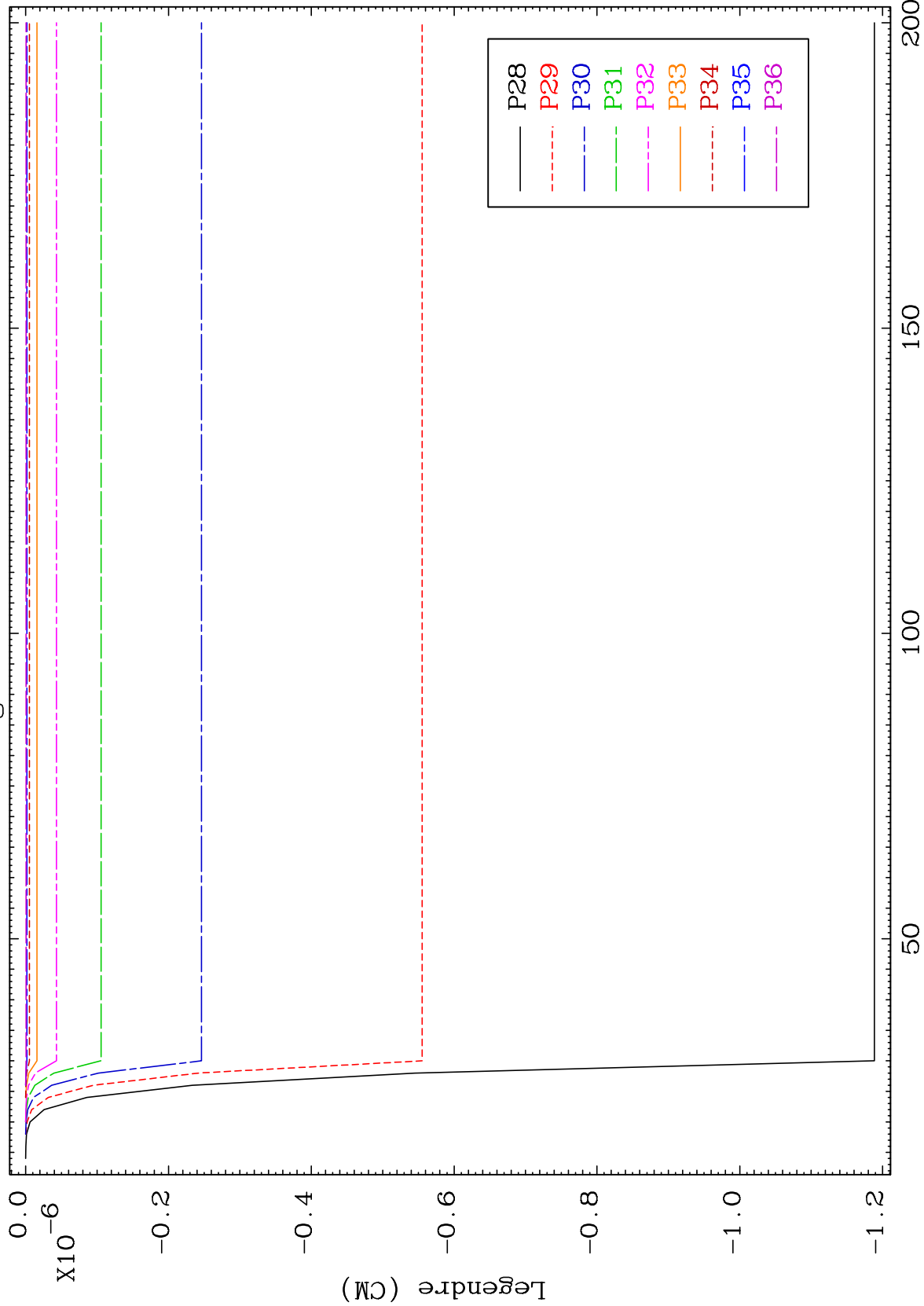
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



81

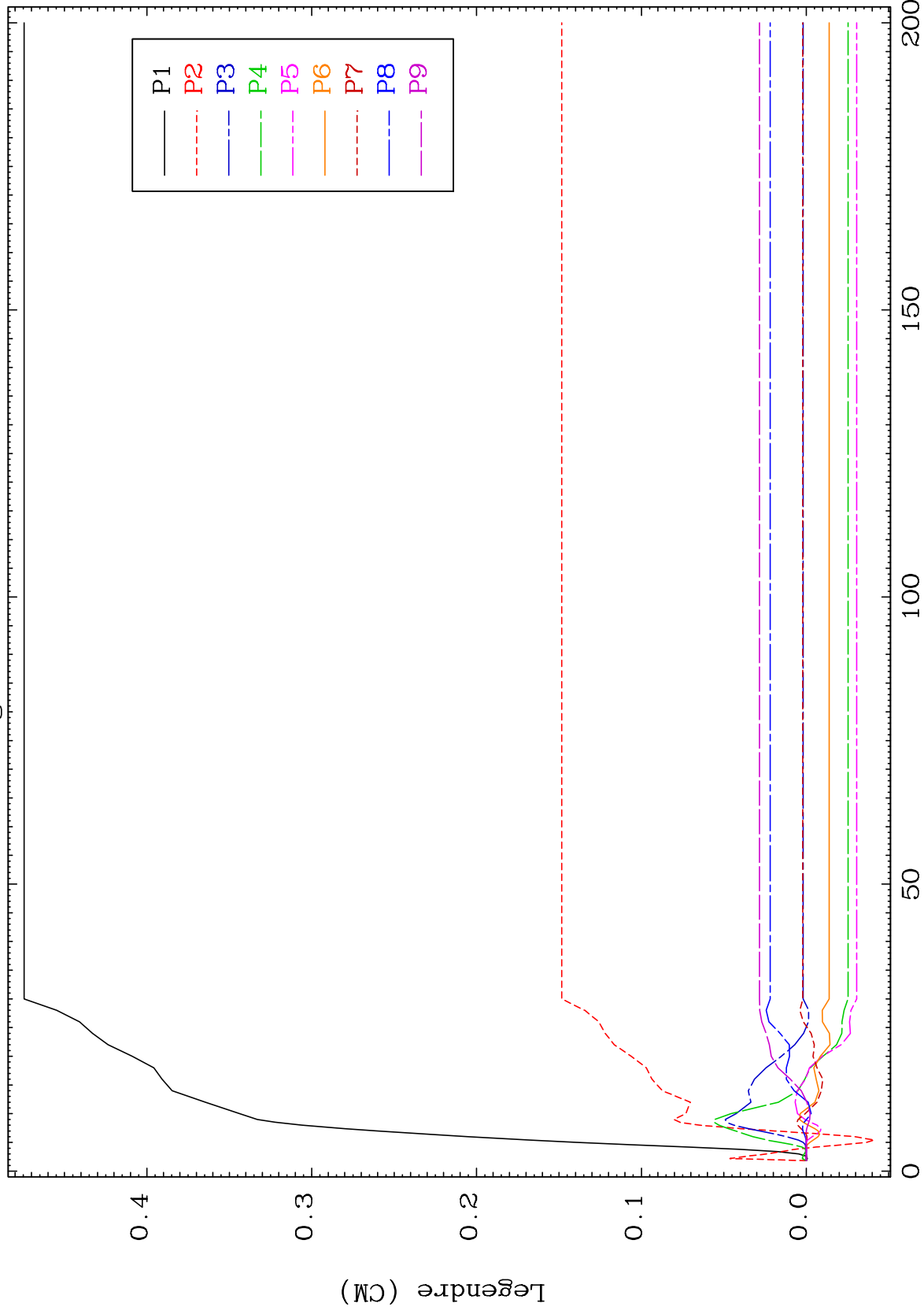
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



82

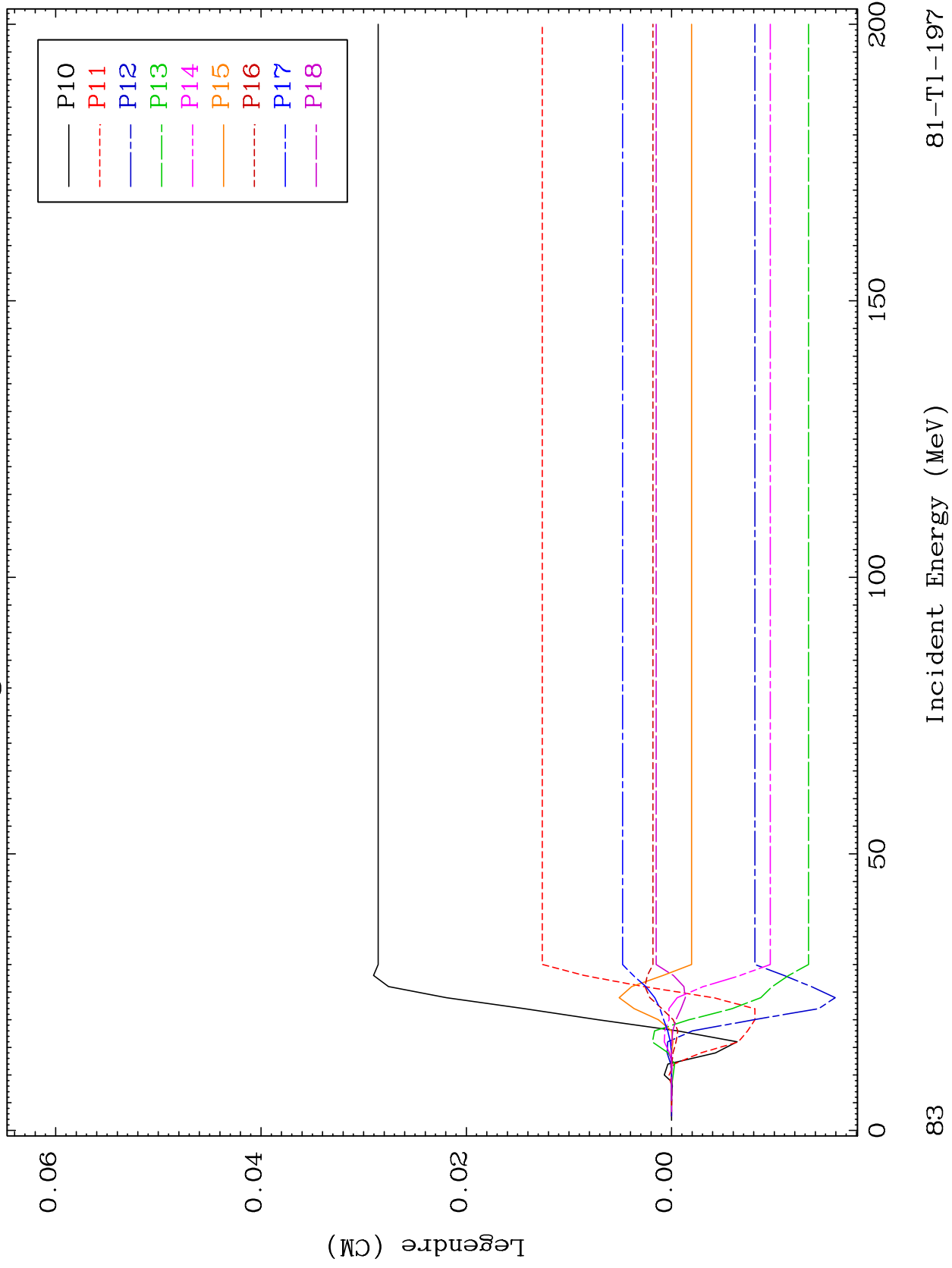
Incident Energy (MeV)

81-T1-197

MAT 8107

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

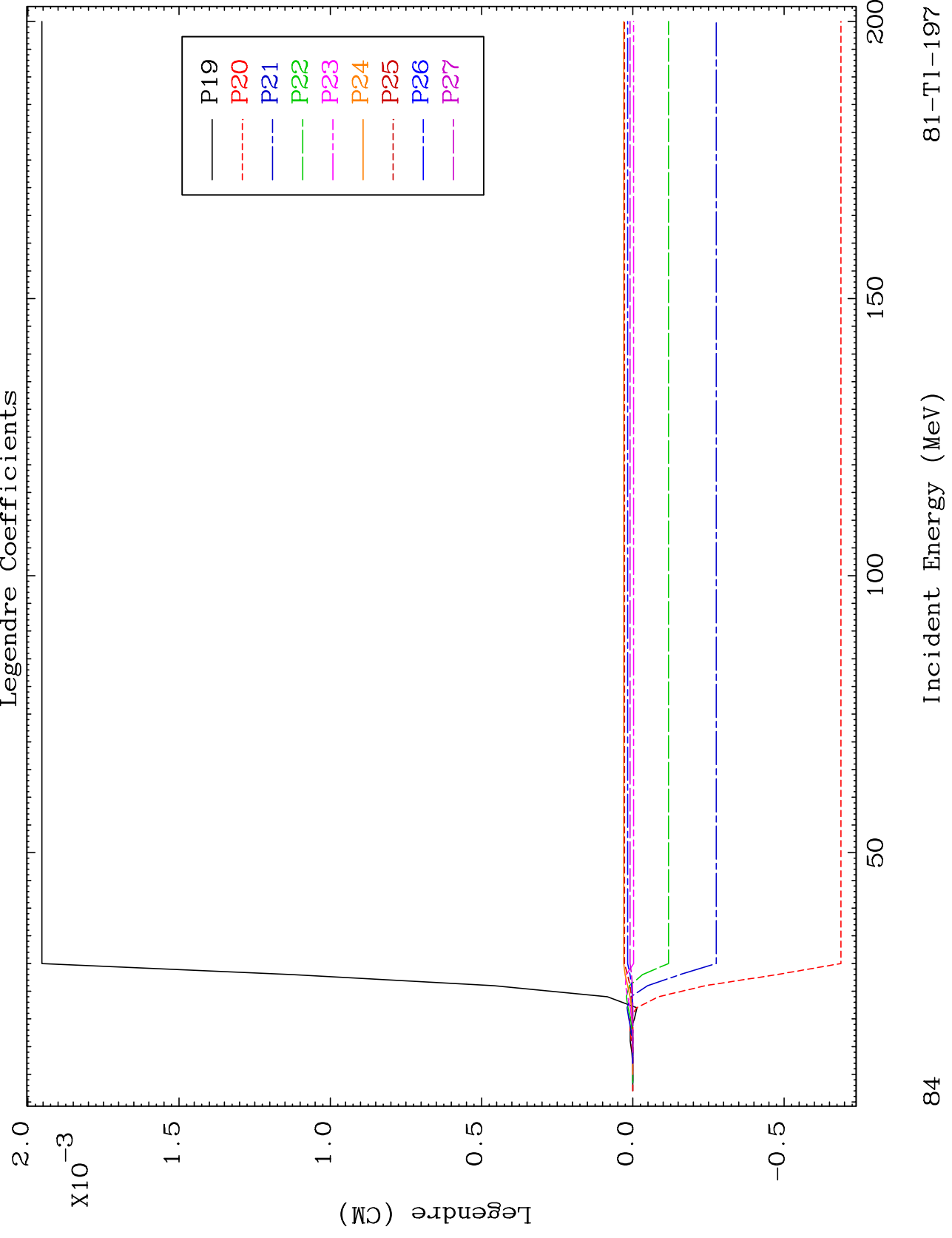
81-Tl-197



83

Incident Energy (MeV)

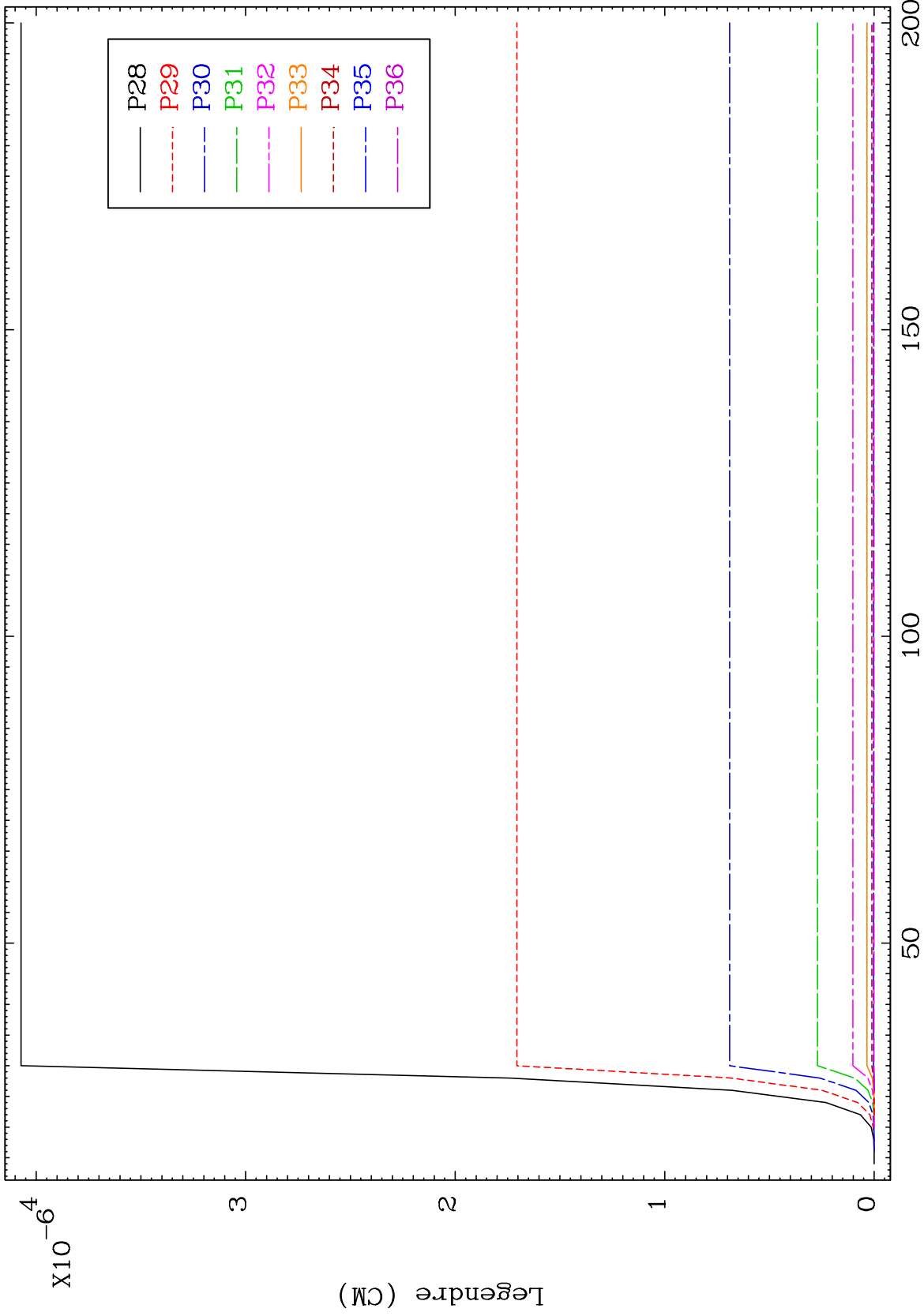
81-Tl-197



MAT 8107

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

81-Tl-197



85

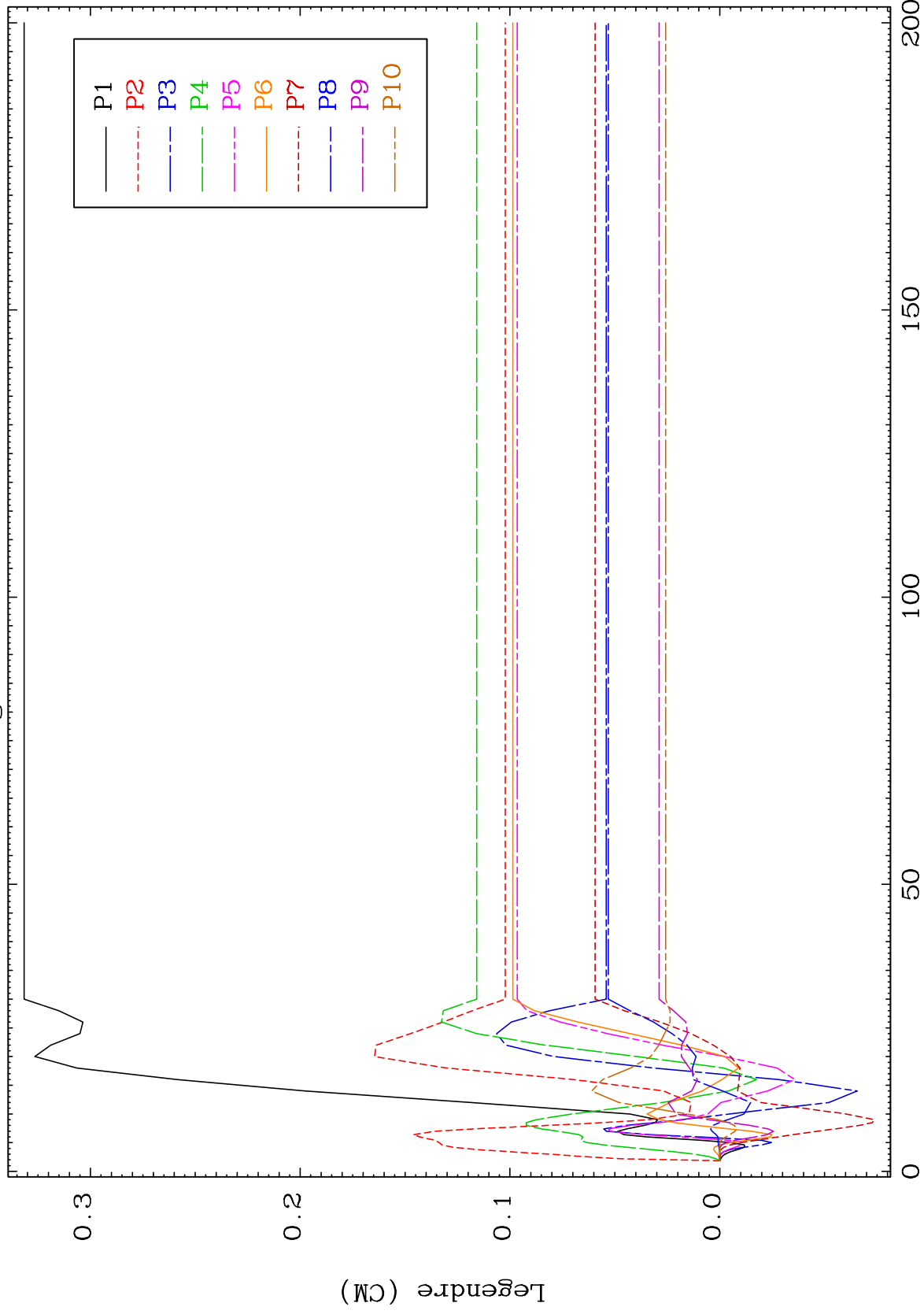
Incident Energy (MeV)

81-Tl-197

MAT 8107

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

81-T1-197



Incident Energy (MeV)

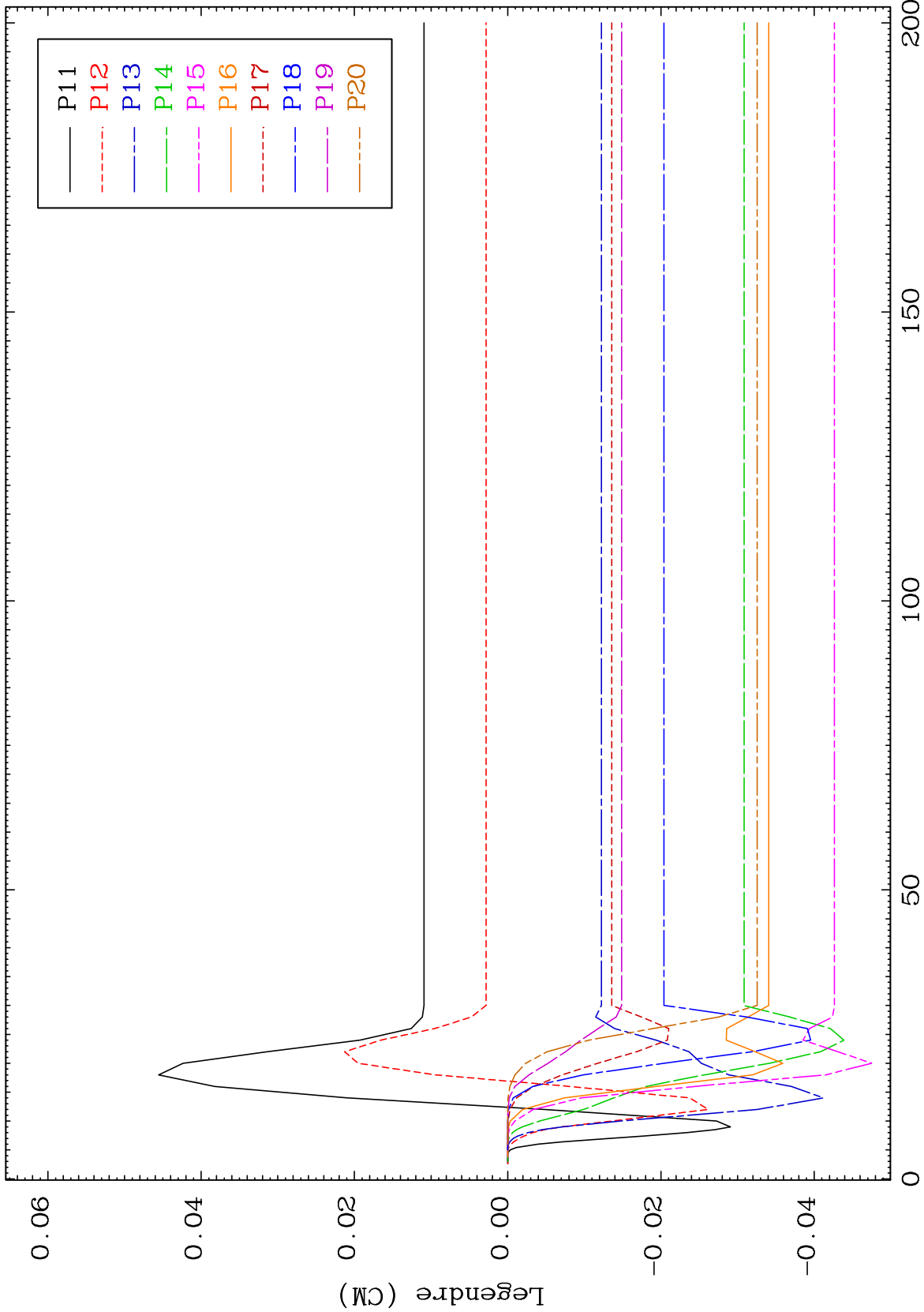
81-T1-197

86

MAT 8107

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

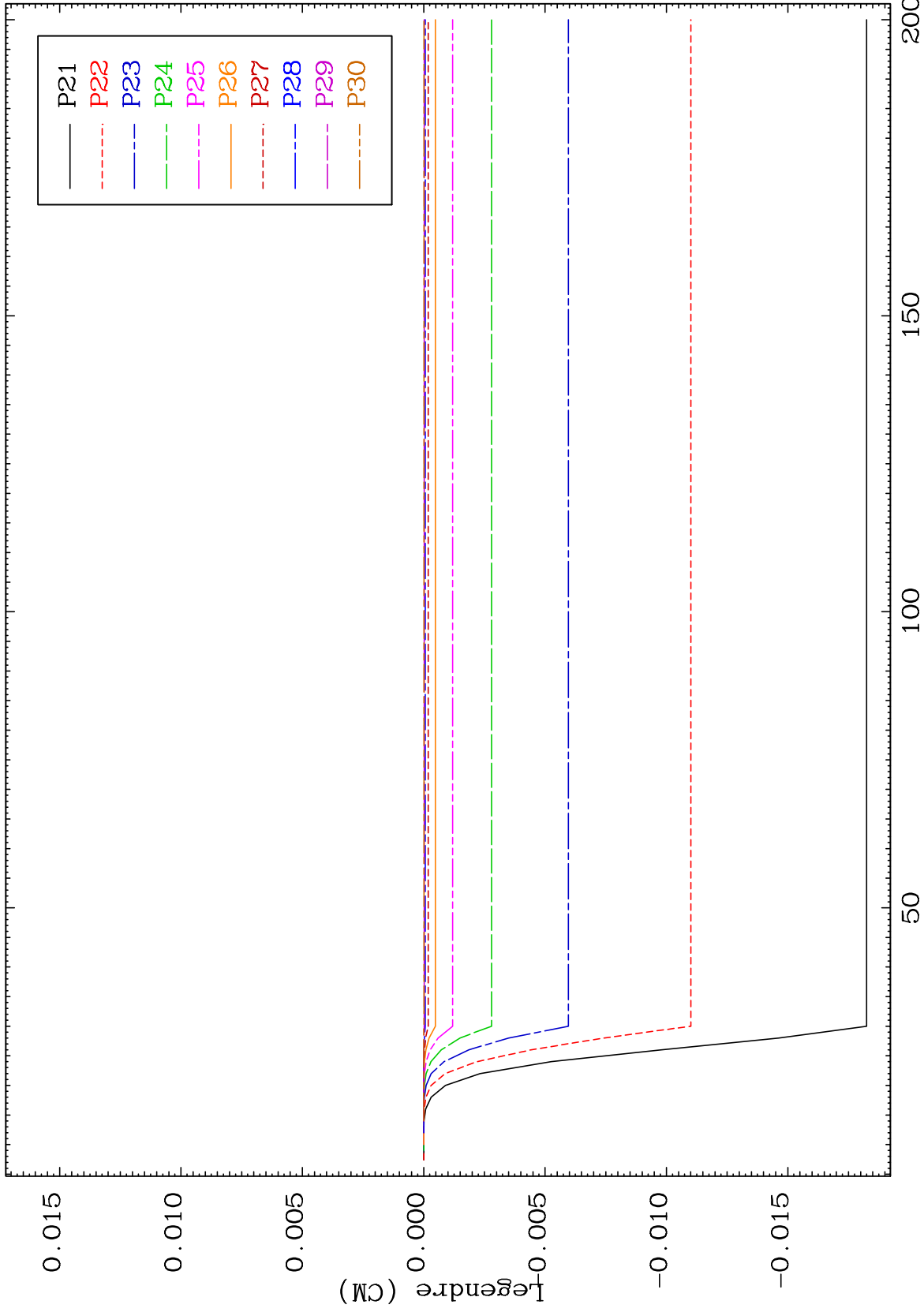
81-T1-197

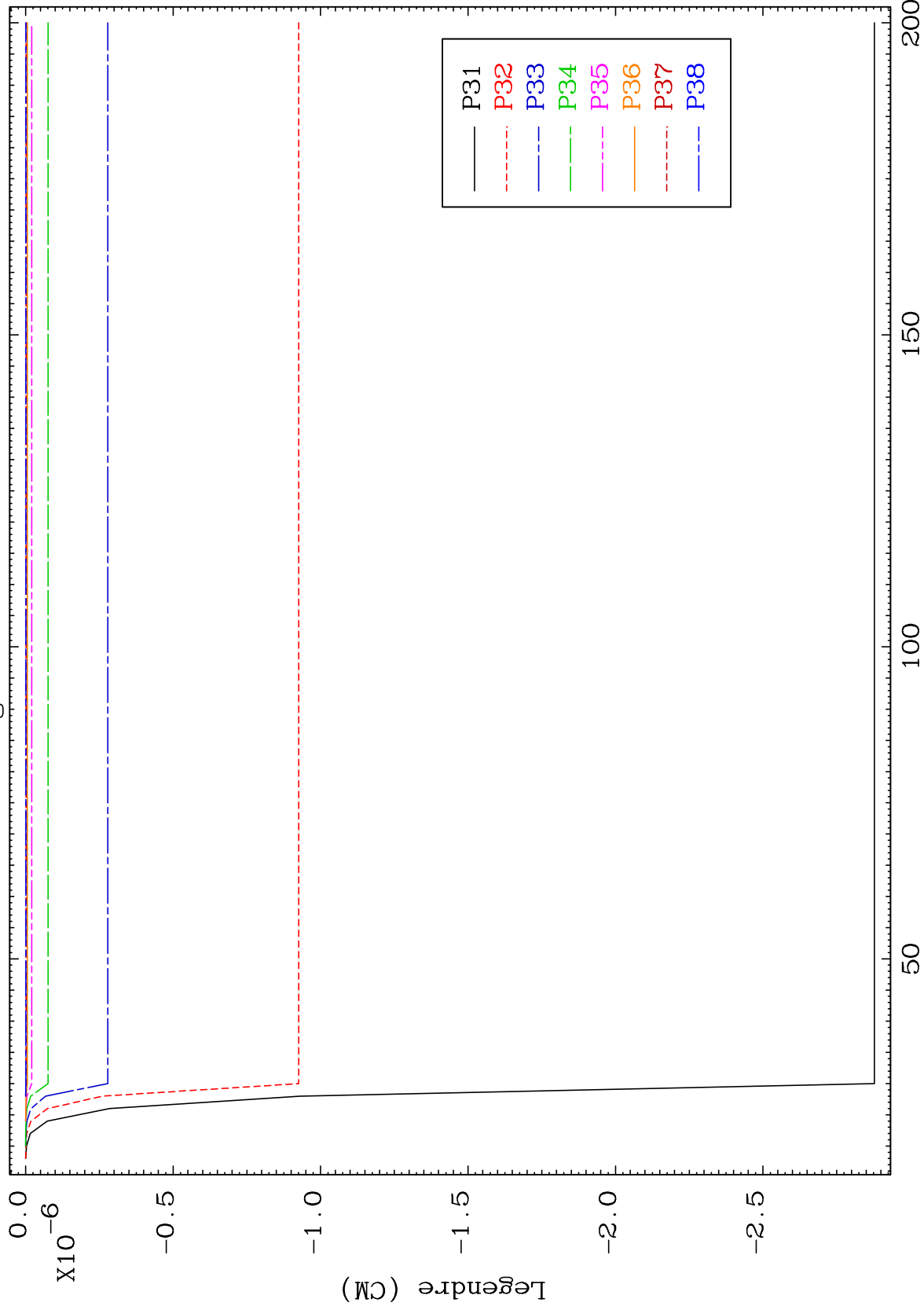


87

Incident Energy (MeV)

81-T1-197

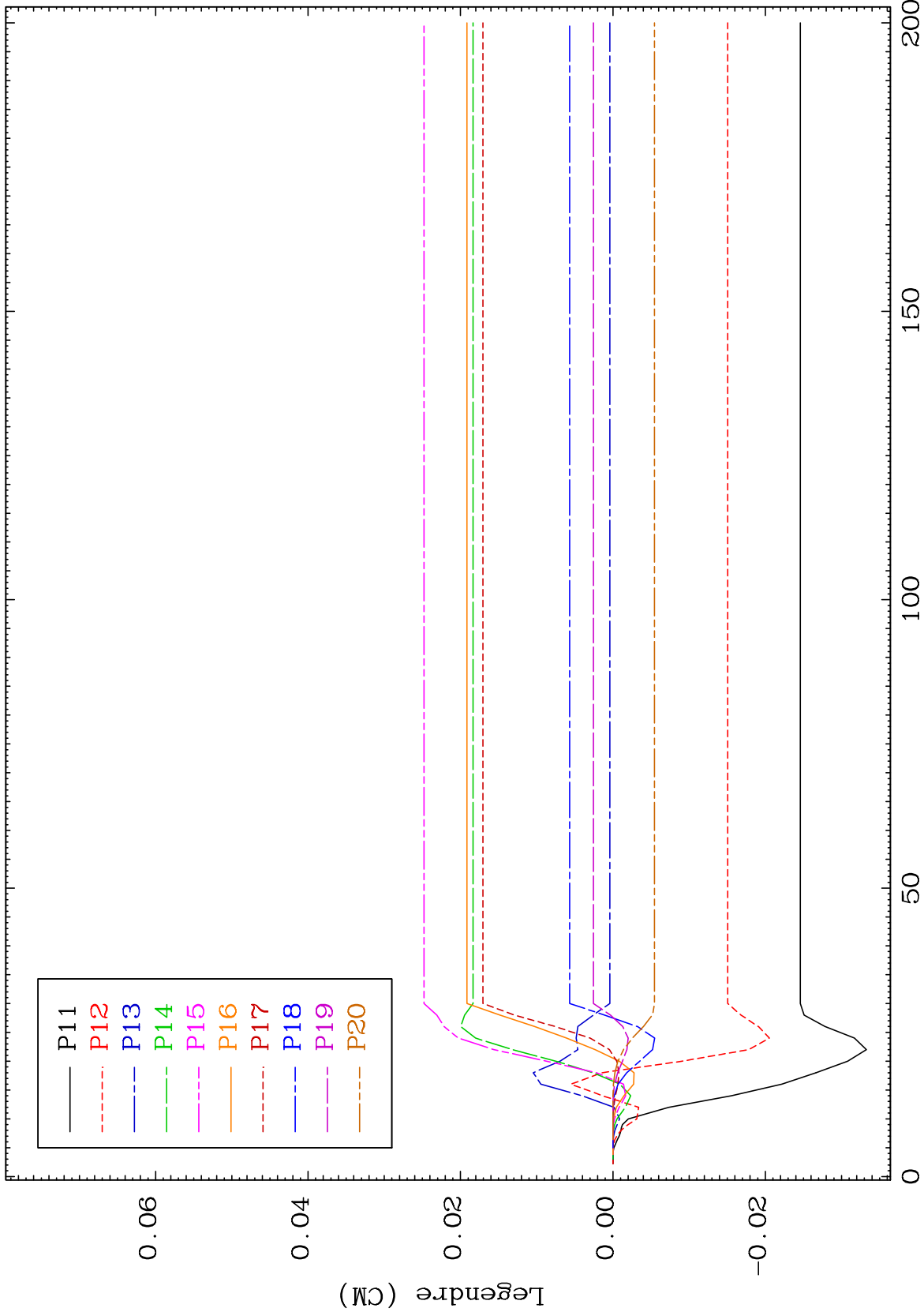




MAT 8107

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

81-T1-197



91

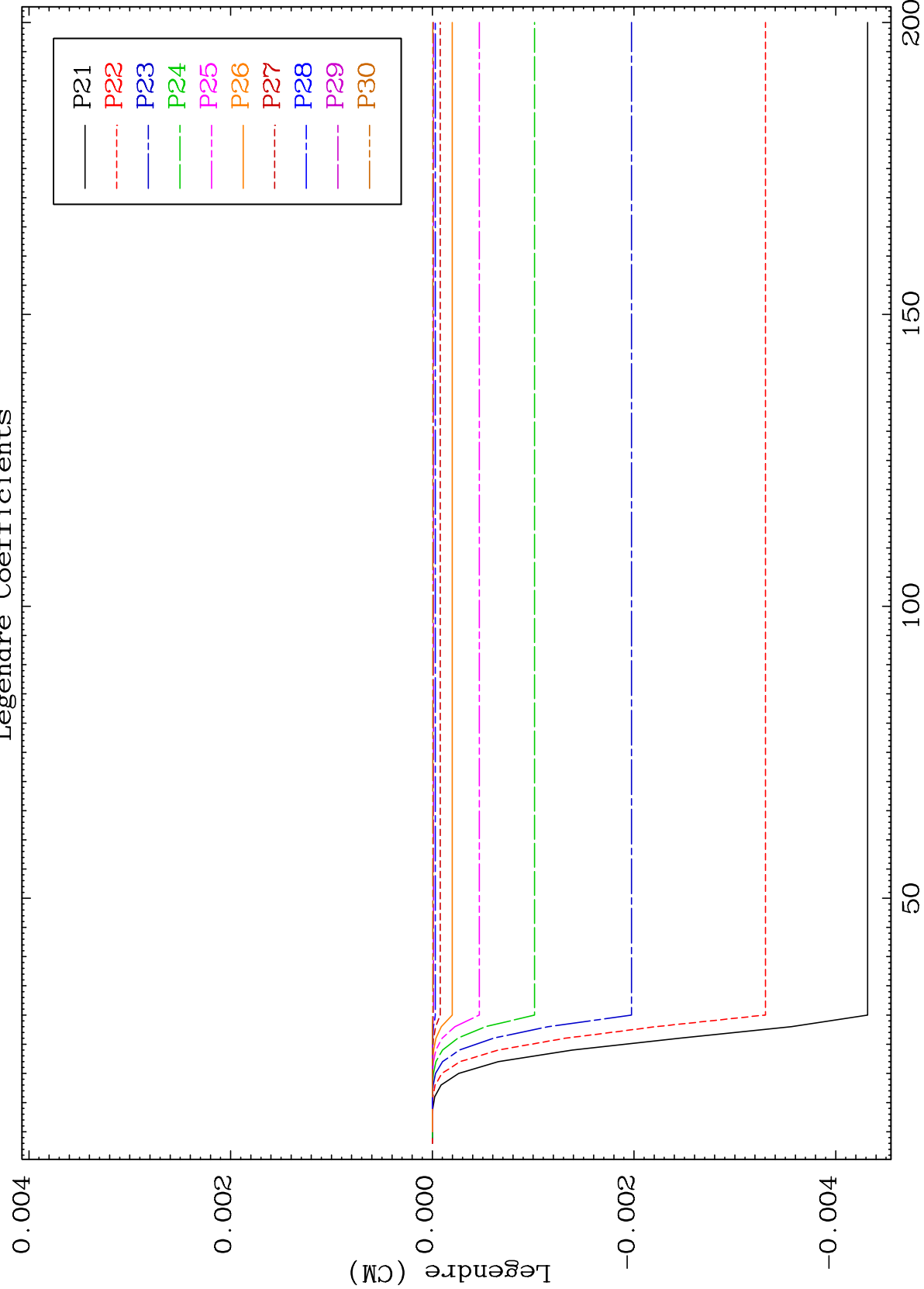
Incident Energy (MeV)

81-T1-197

MAT 8107

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

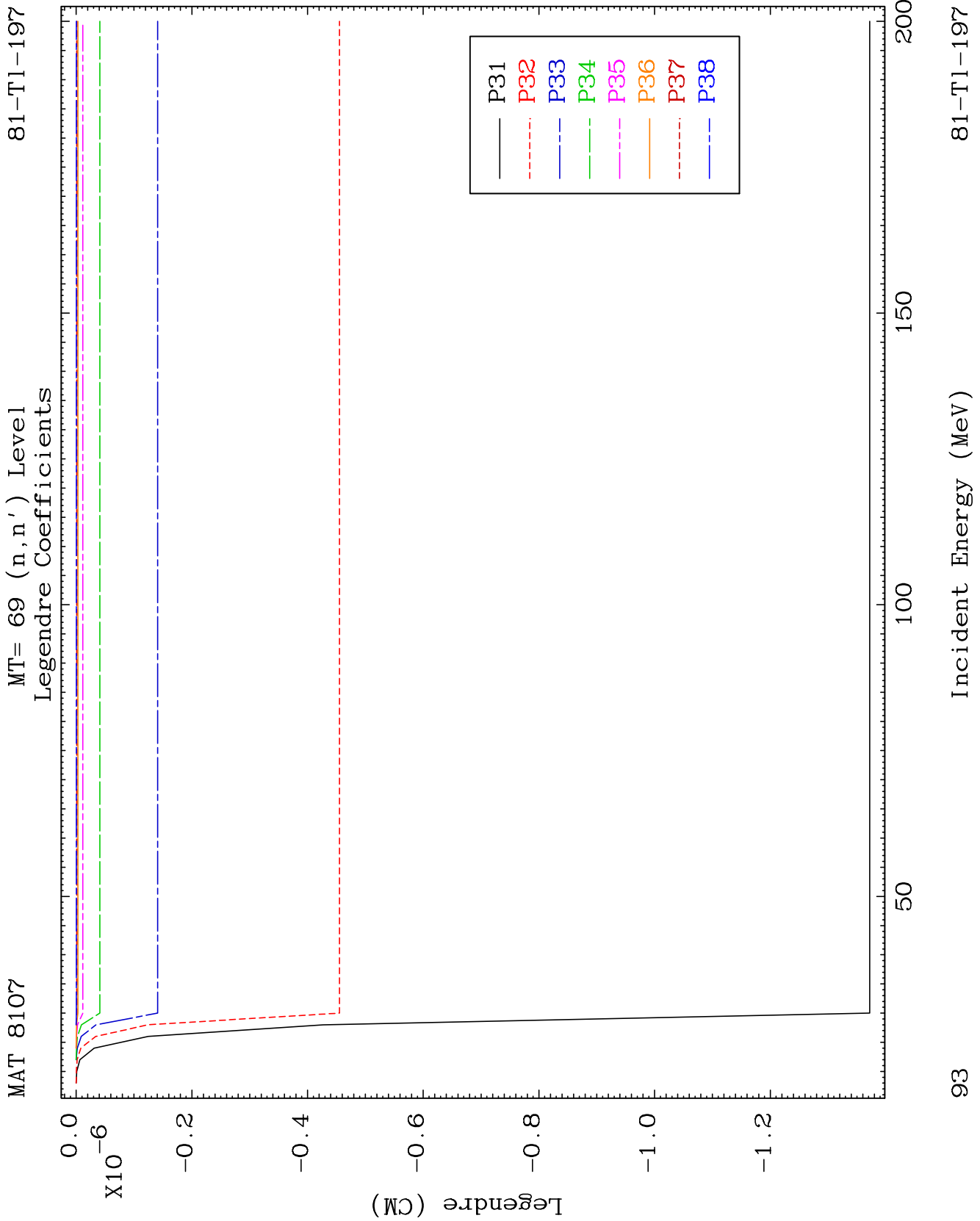
81-T1-197



92

Incident Energy (MeV)

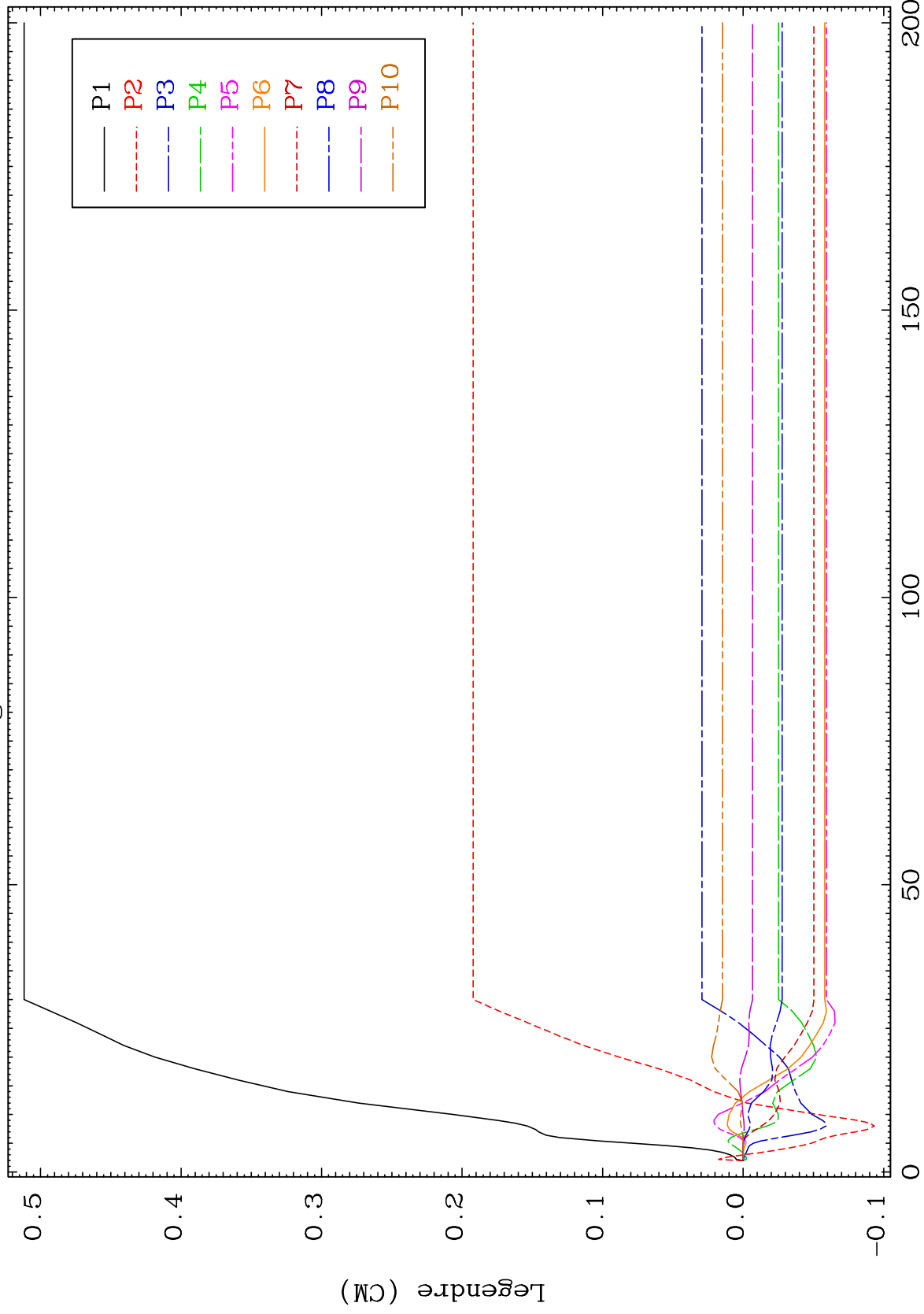
81-T1-197



MAT 8107

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

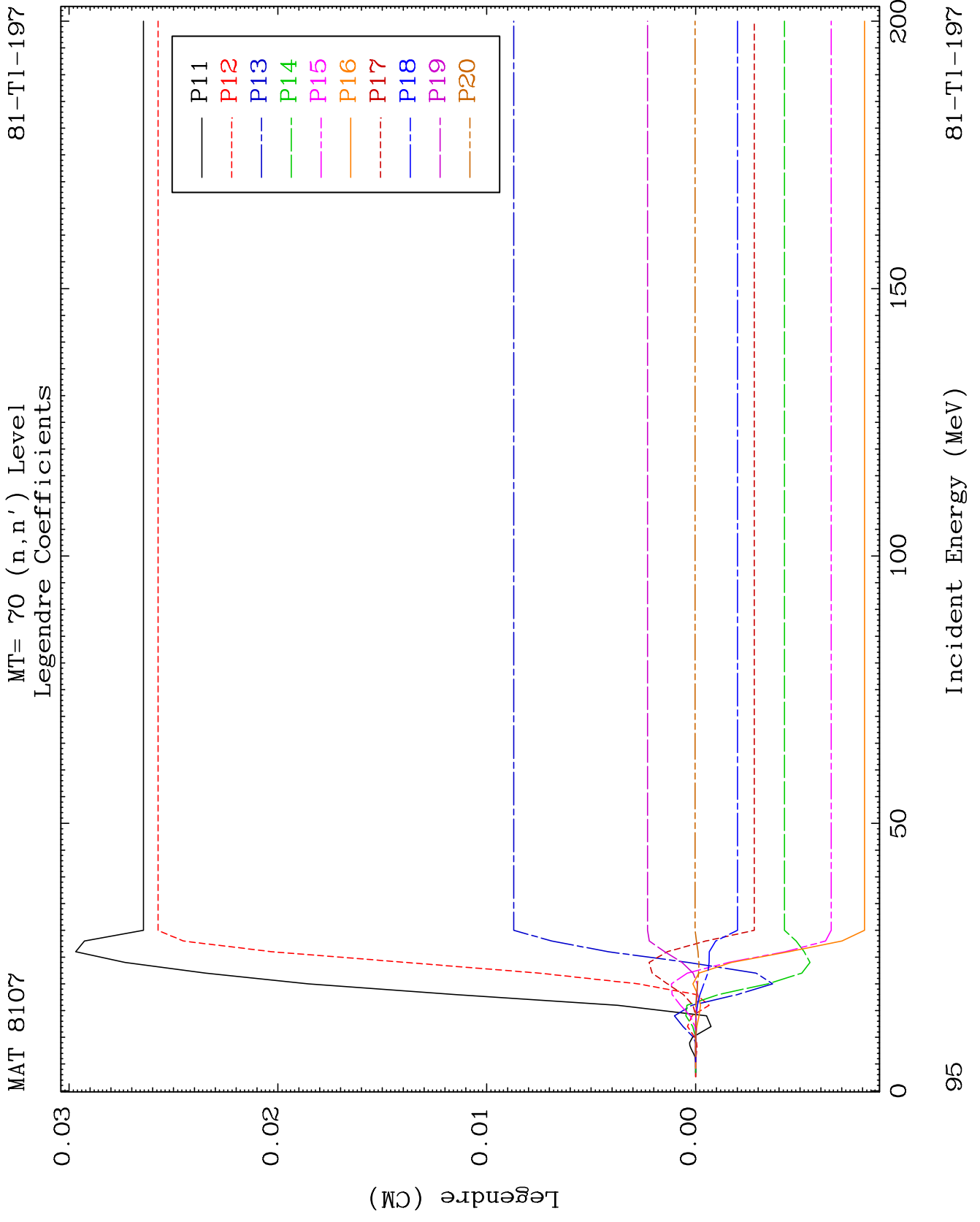
81-T1-197

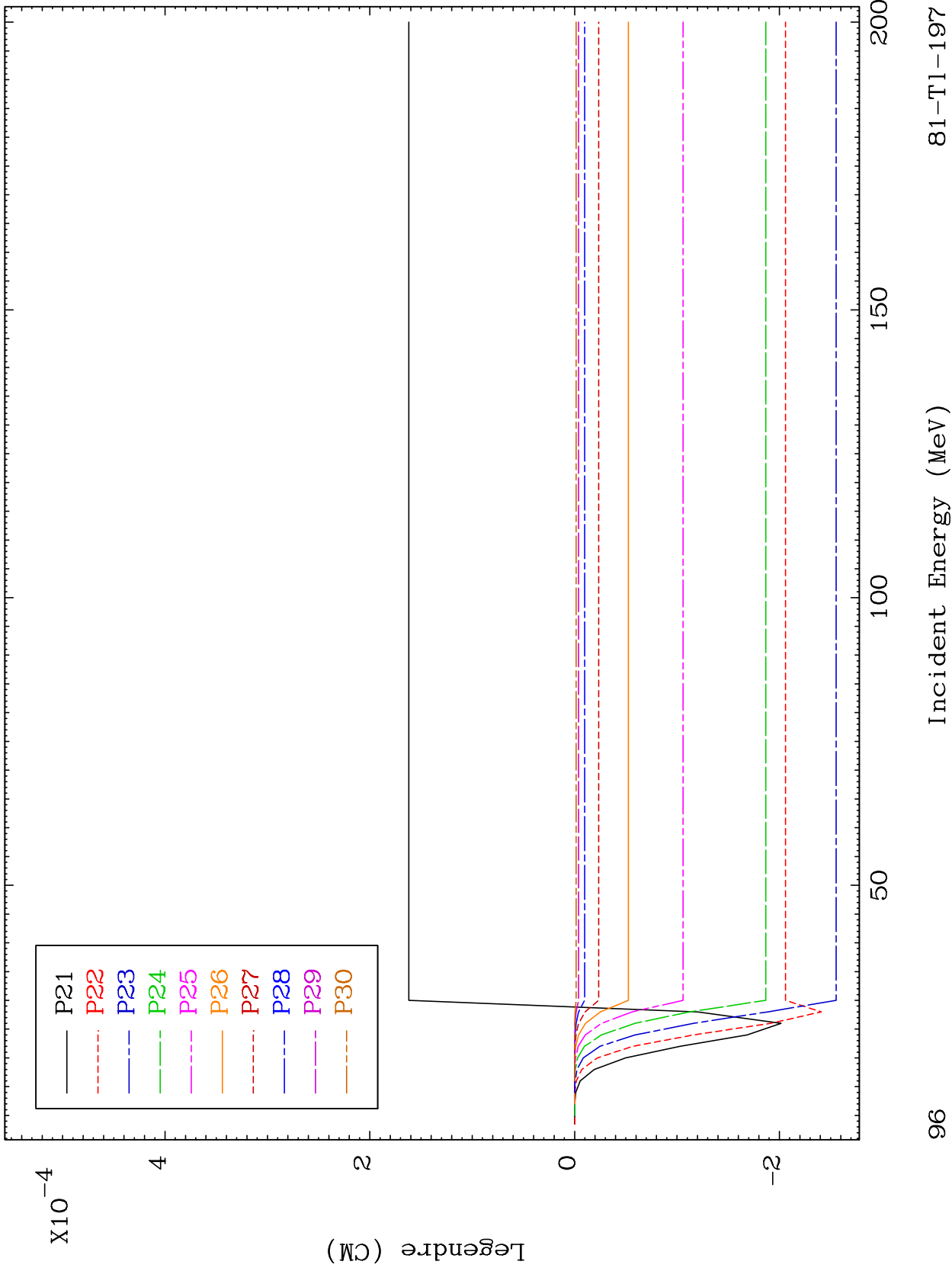


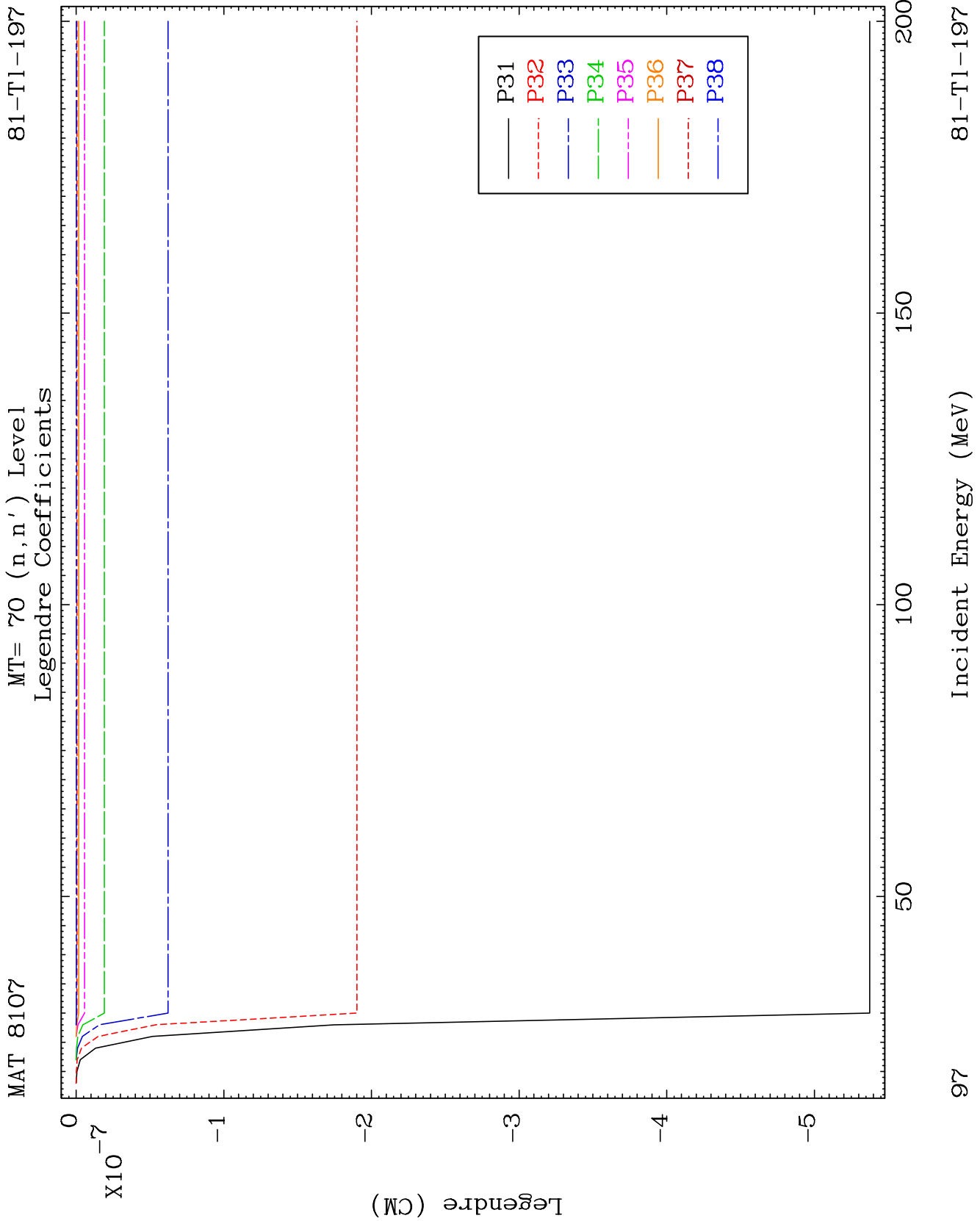
94

Incident Energy (MeV)

81-T1-197



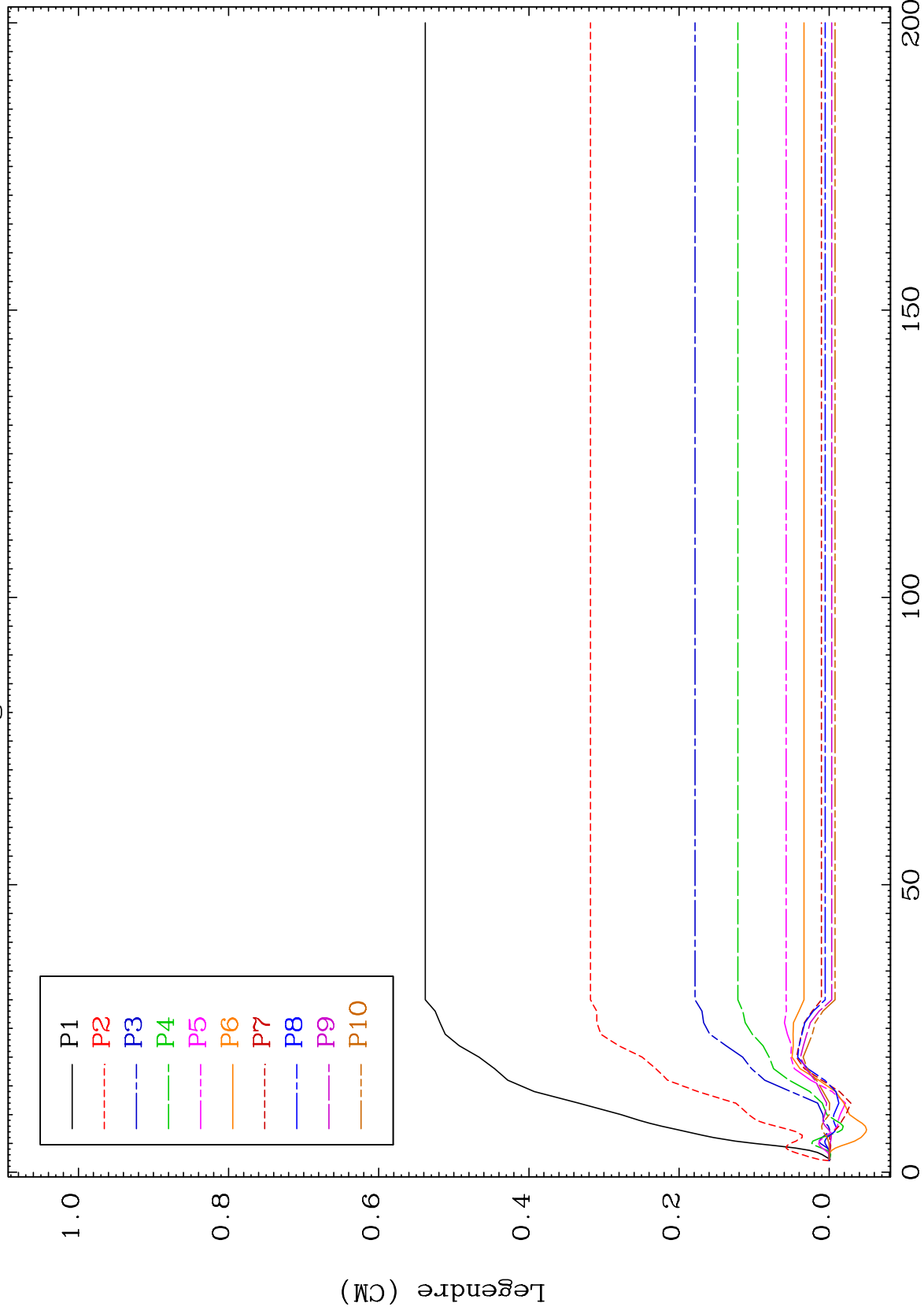




MAT 8107

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

81-T1-197



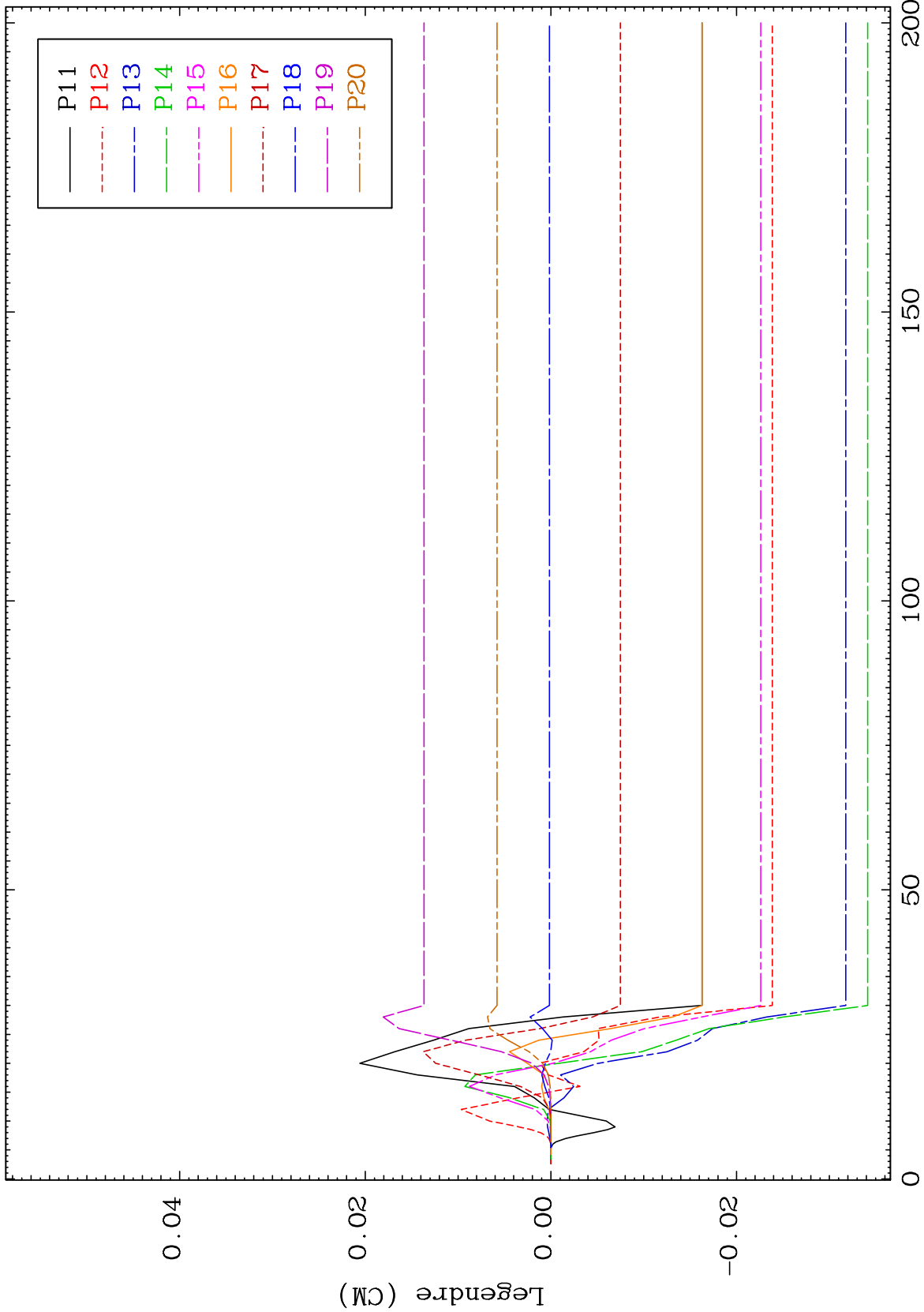
98

81-T1-197

MAT 8107

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

81-T1-197



99

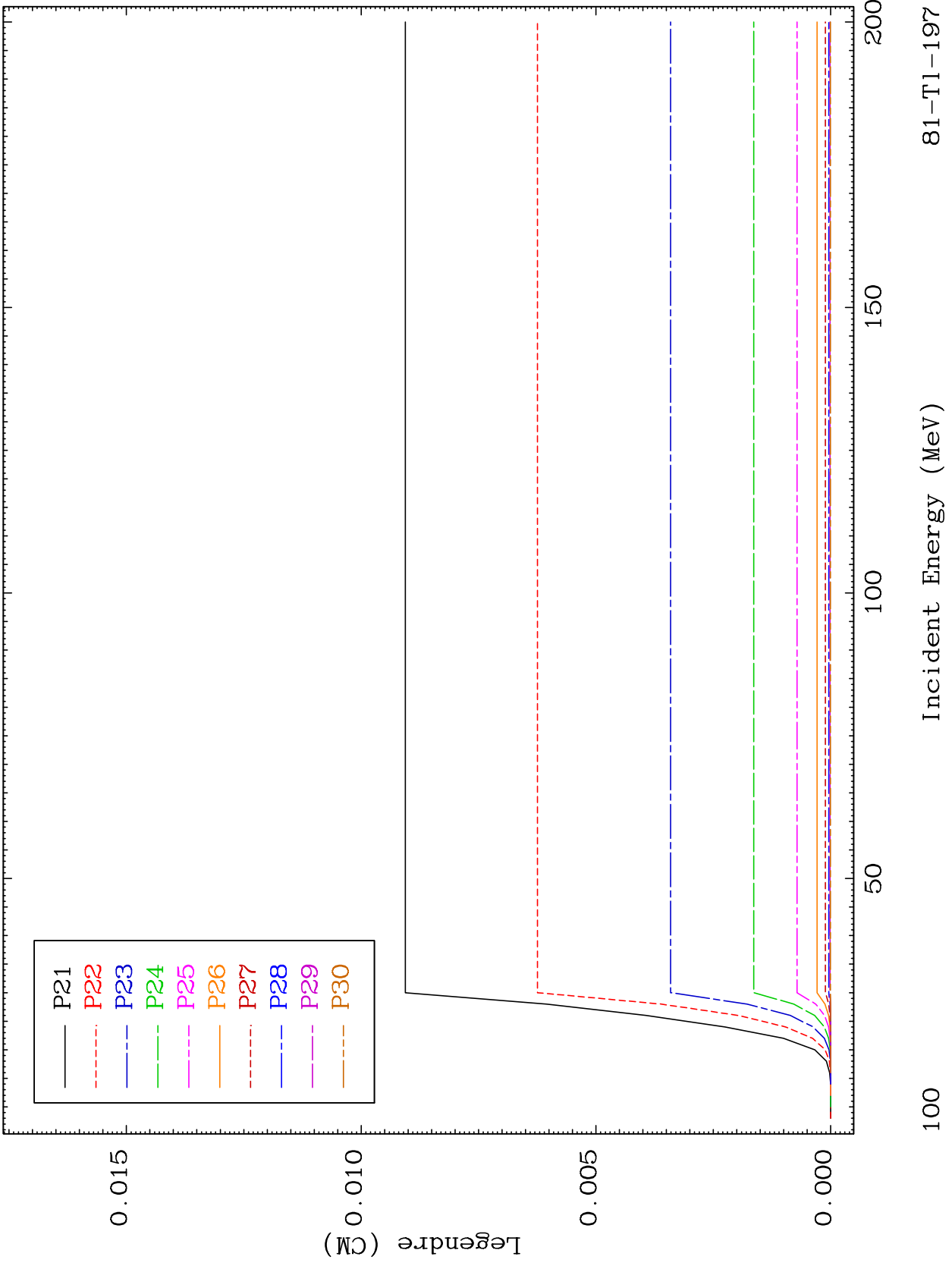
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



81-Tl-197

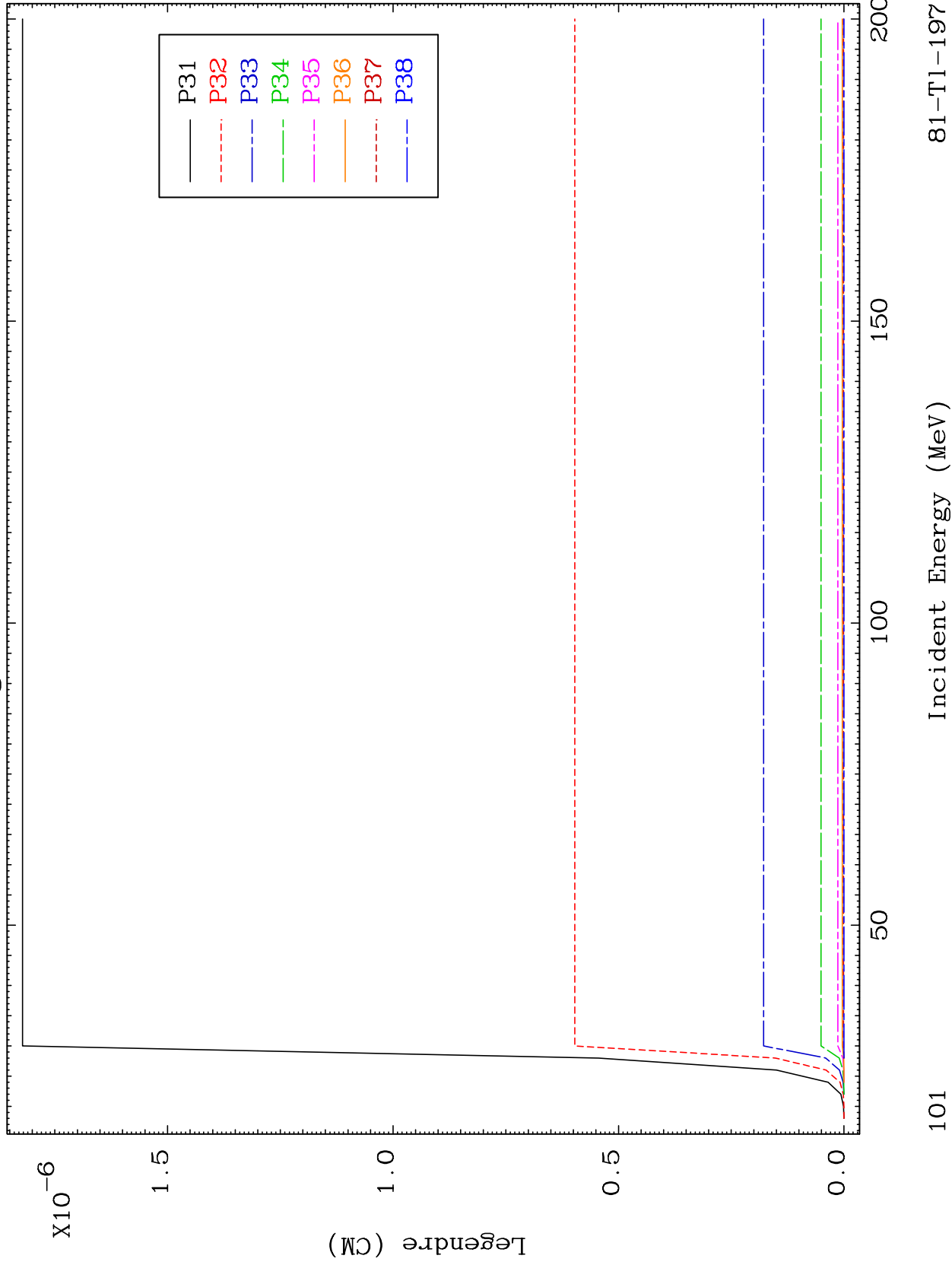
Incident Energy (MeV)

100

MAT 8107

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

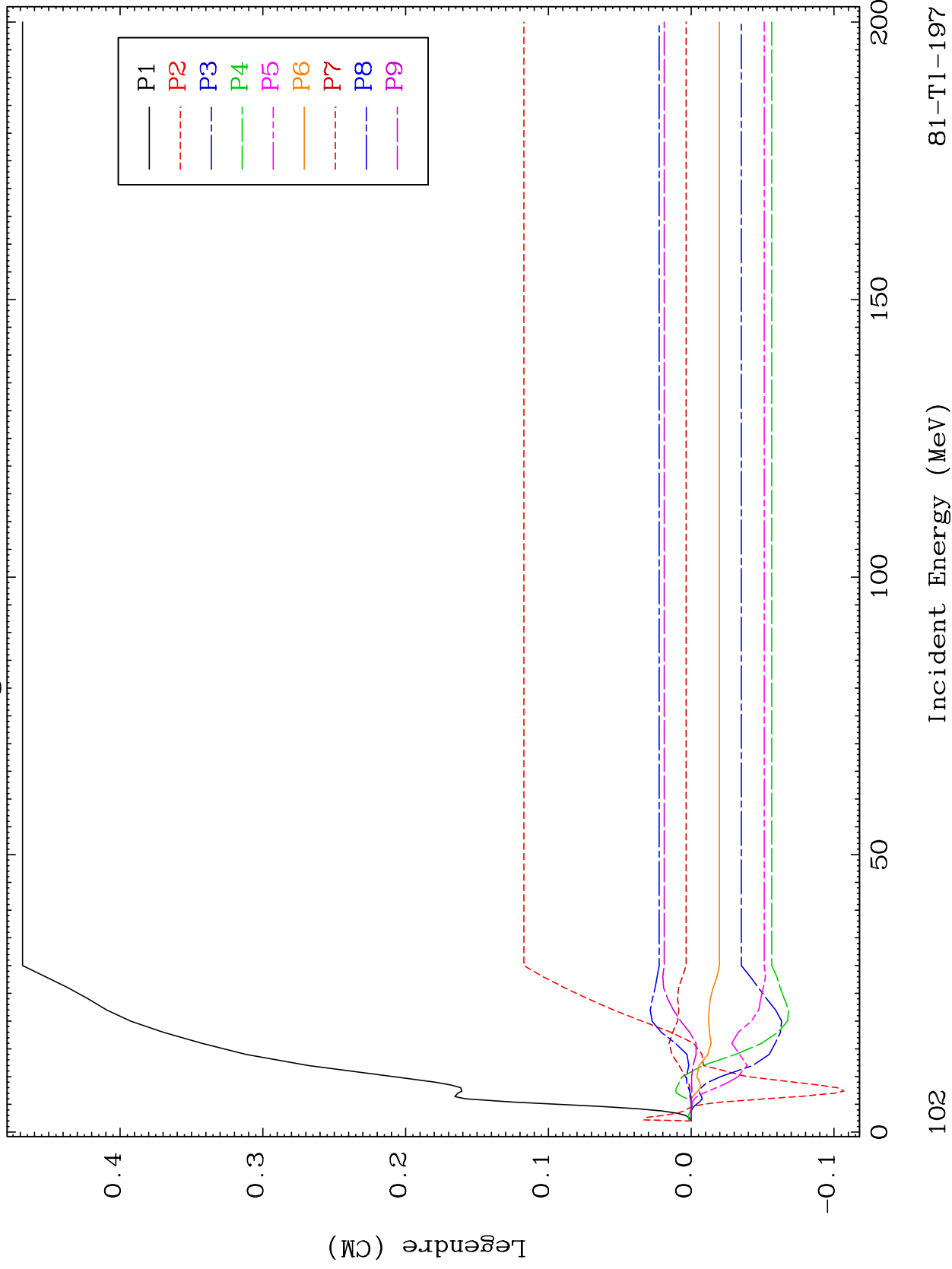
81-T1-197



MAT 8107

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

81-T1-197

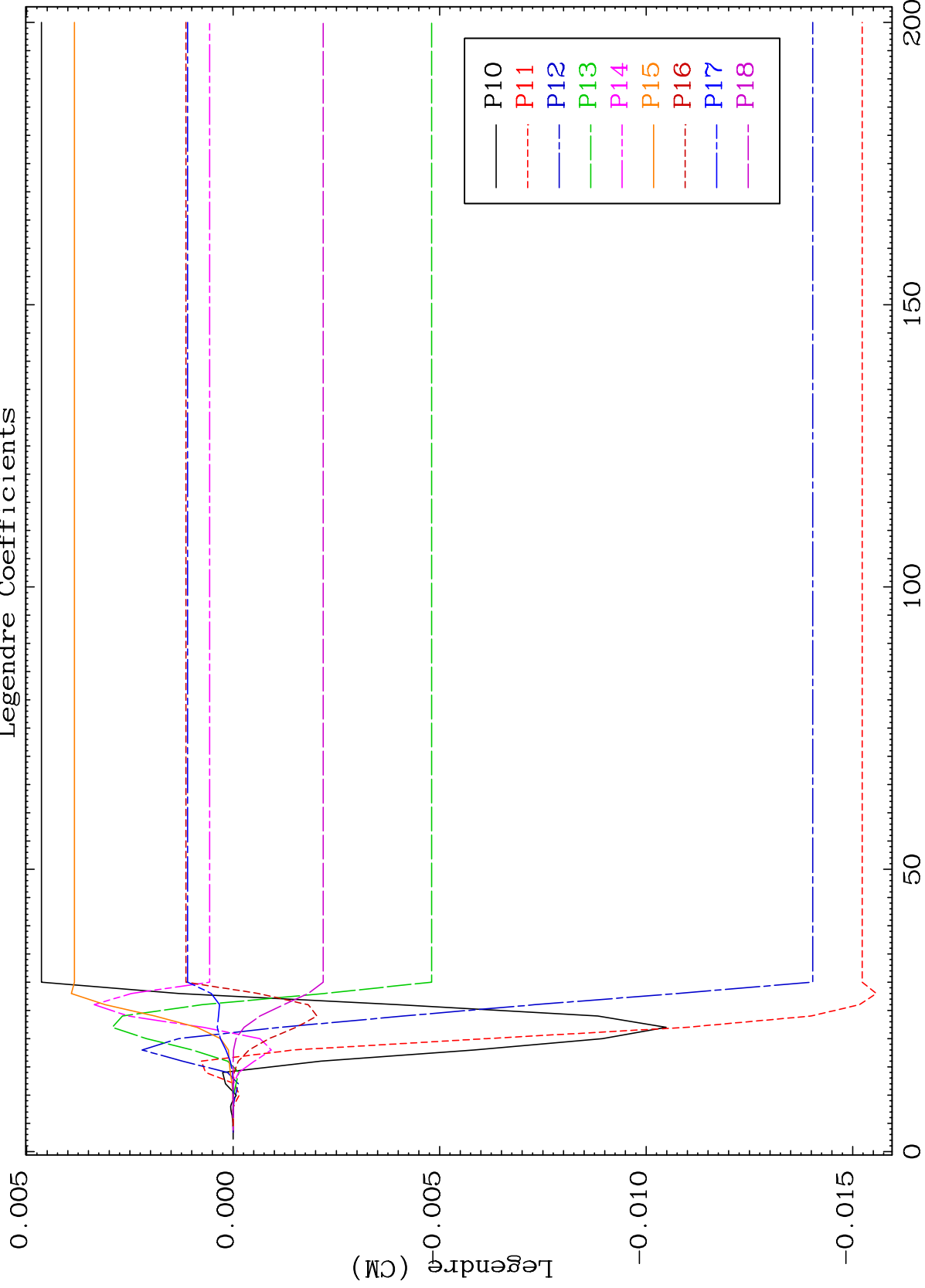


81-T1-197

MAT 8107

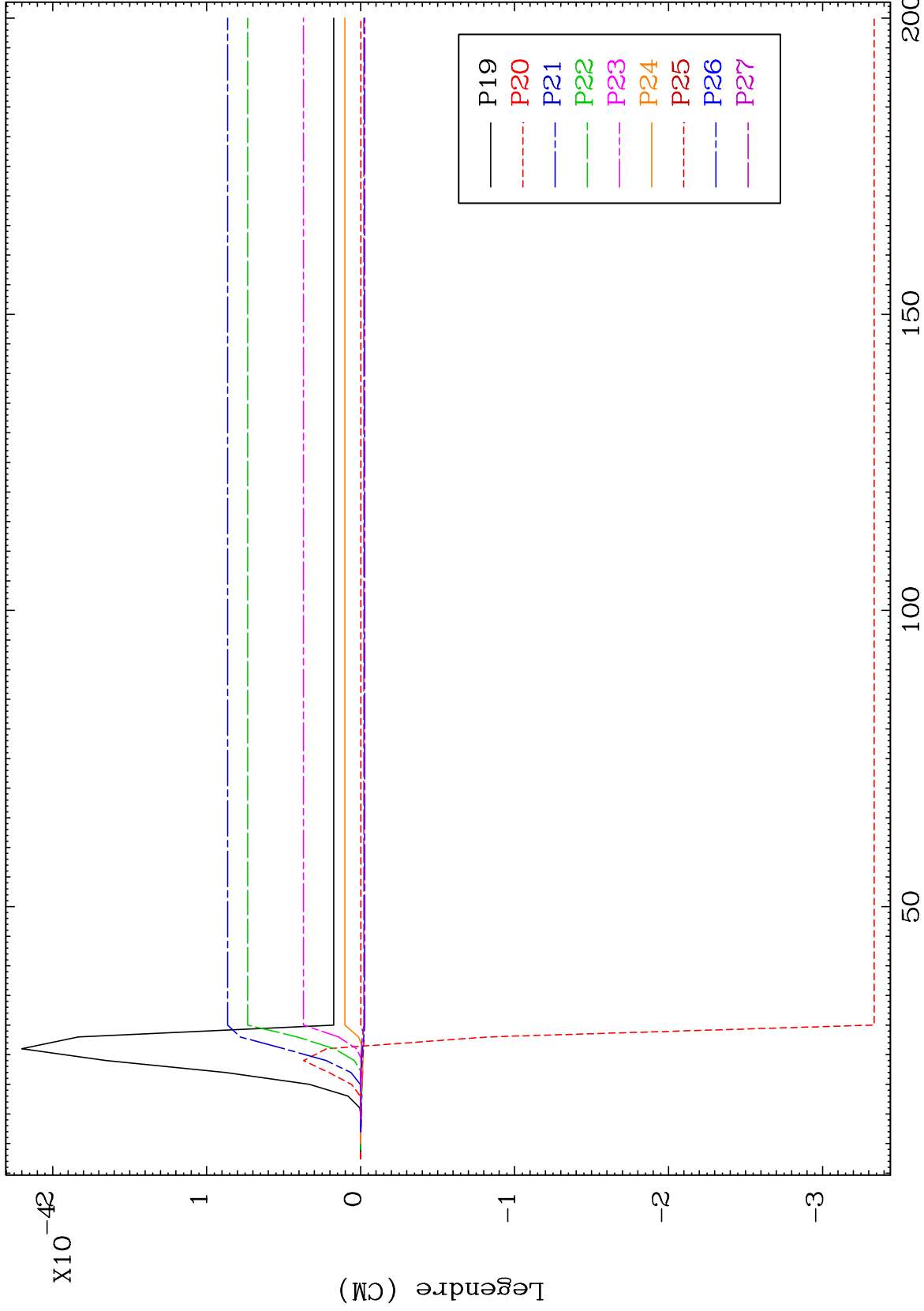
MT= 72 (n,n') Level
Legendre Coefficients

81-T1-197



103

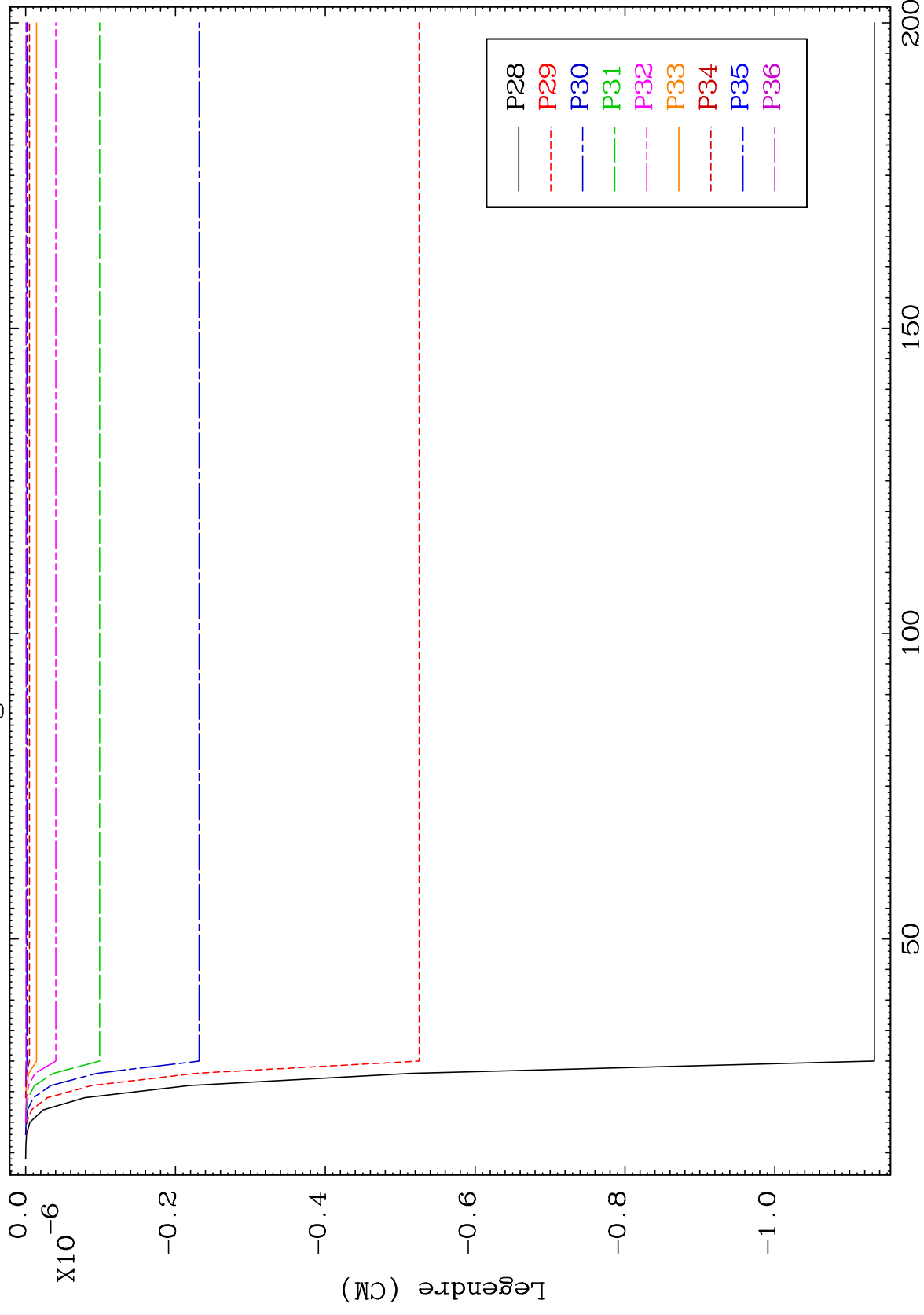
81-T1-197



MAT 8107

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

81-T1-197



105

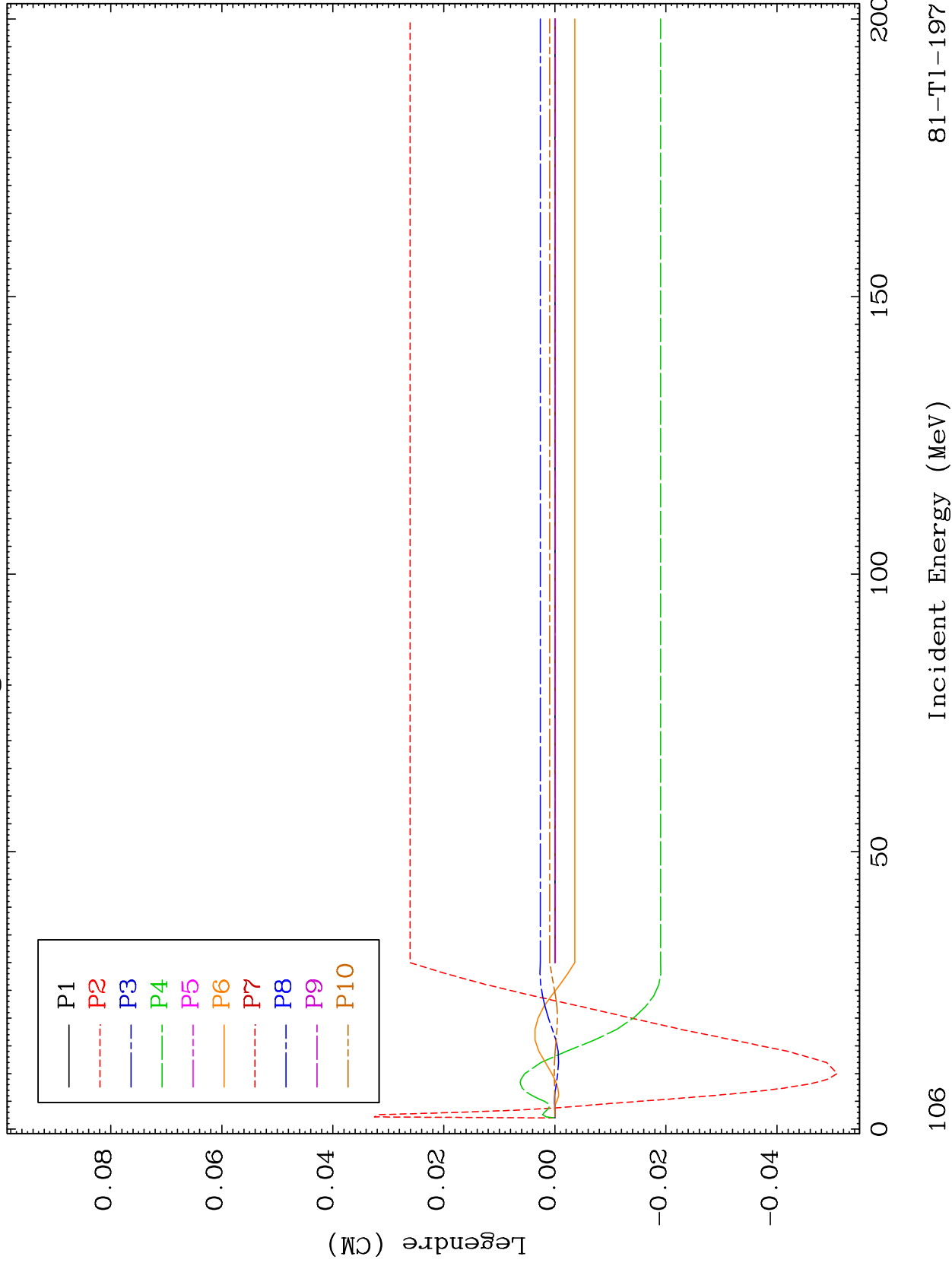
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



81-T1-197

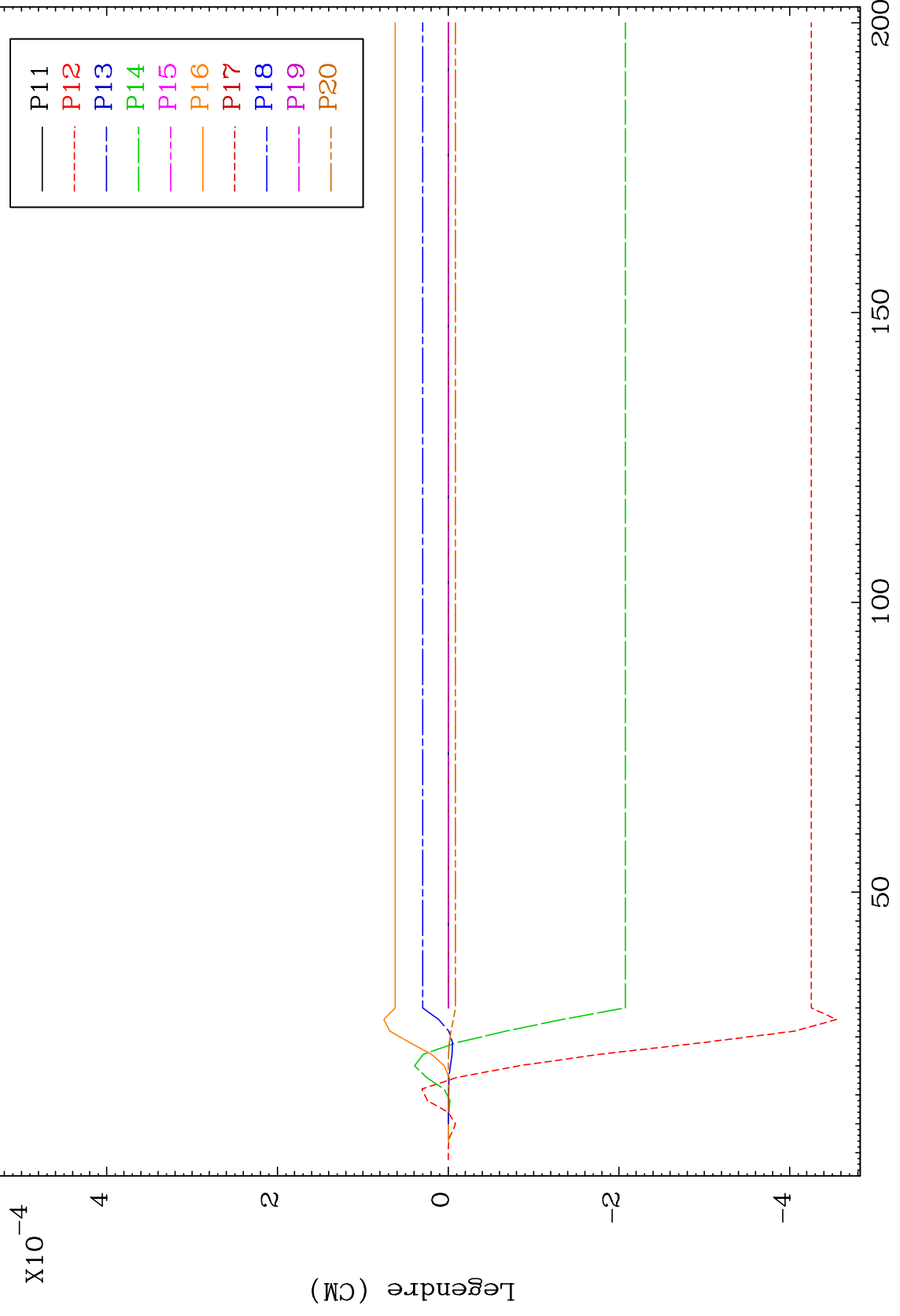
Incident Energy (MeV)

106

MAT 8107

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

81-Tl-197



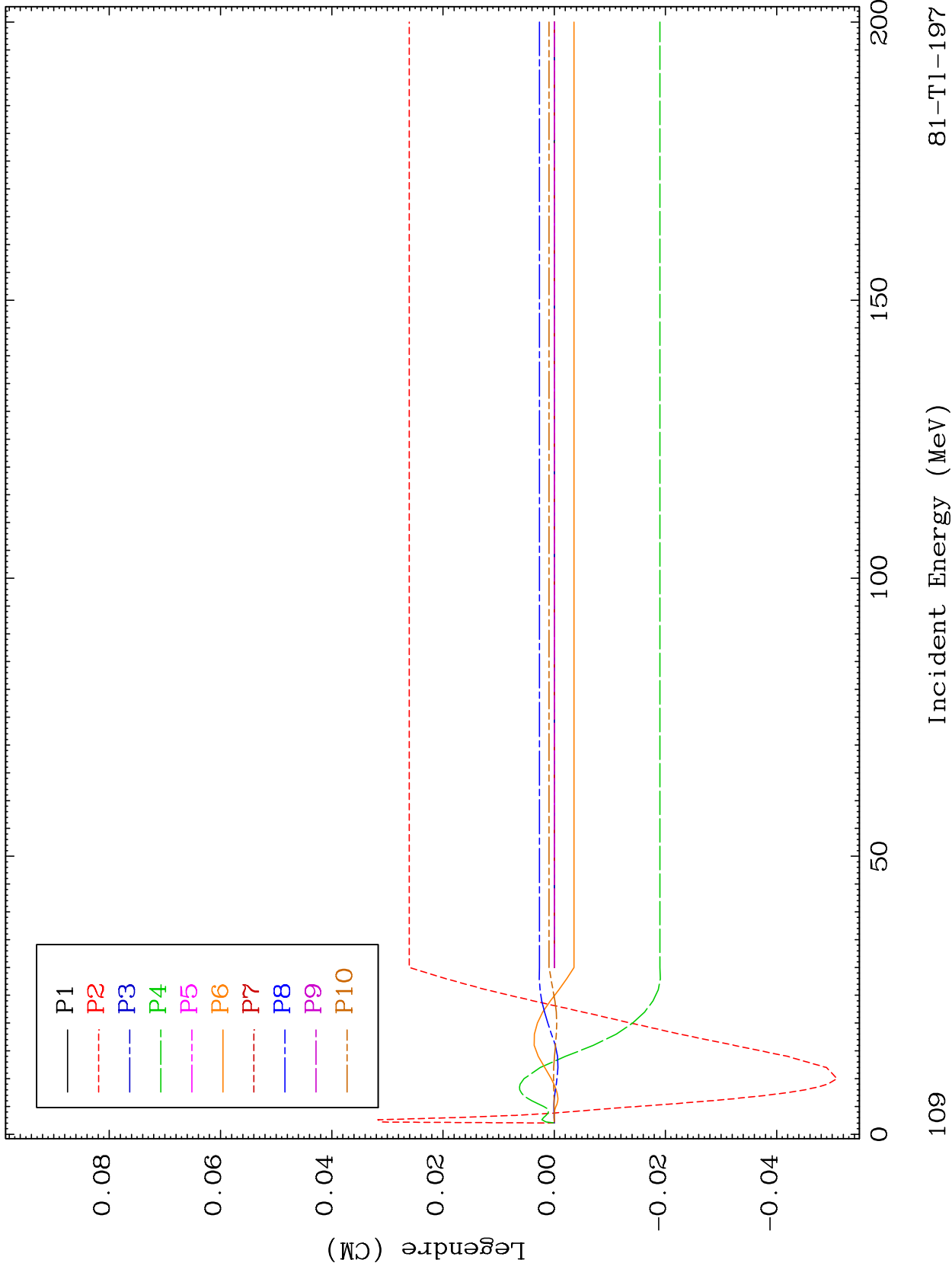
107

81-Tl-197

MAT 8107

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

81-T1-197



109

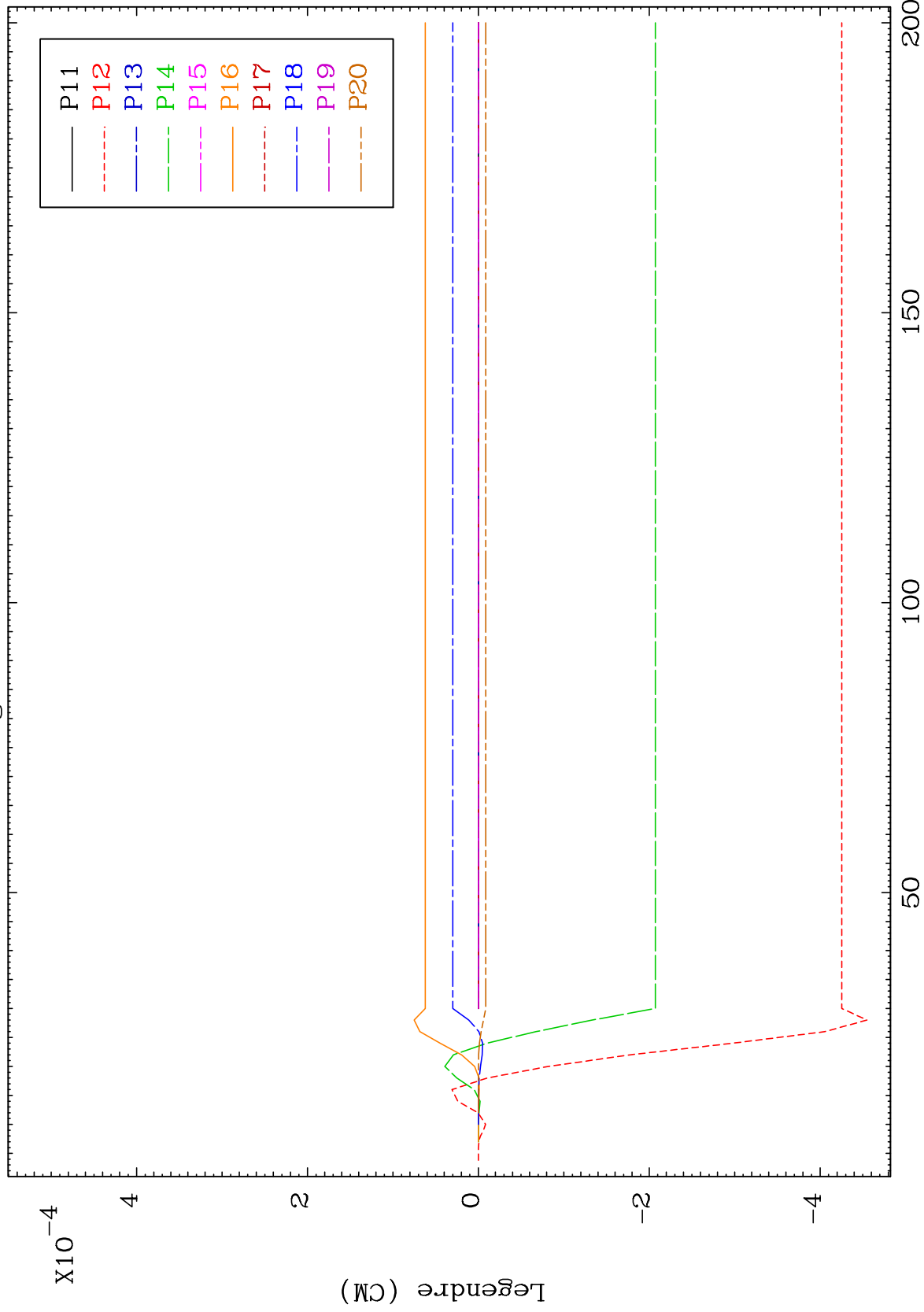
Incident Energy (MeV)

81-T1-197

MAT 8107

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

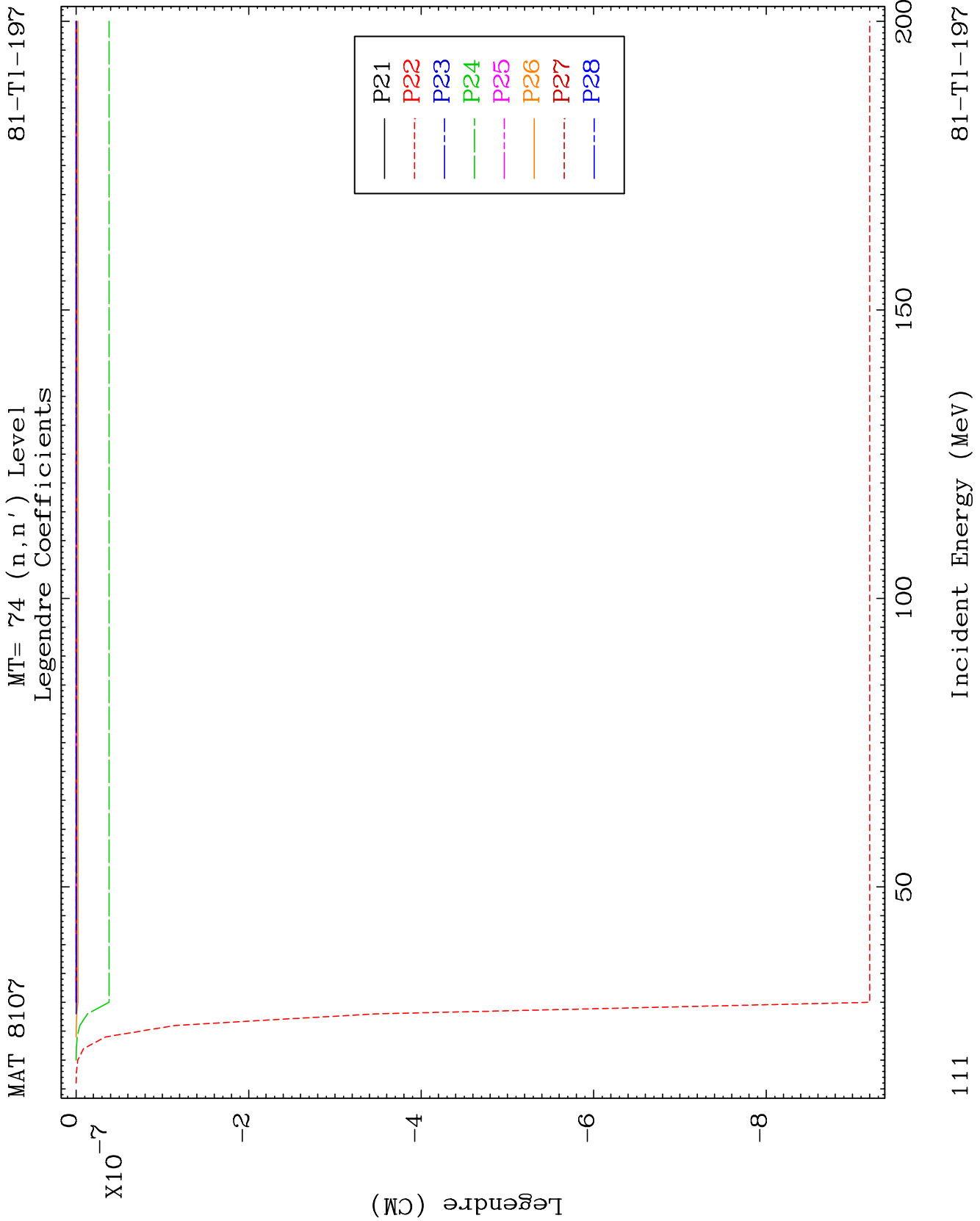
81-Tl-197



110

Incident Energy (MeV)

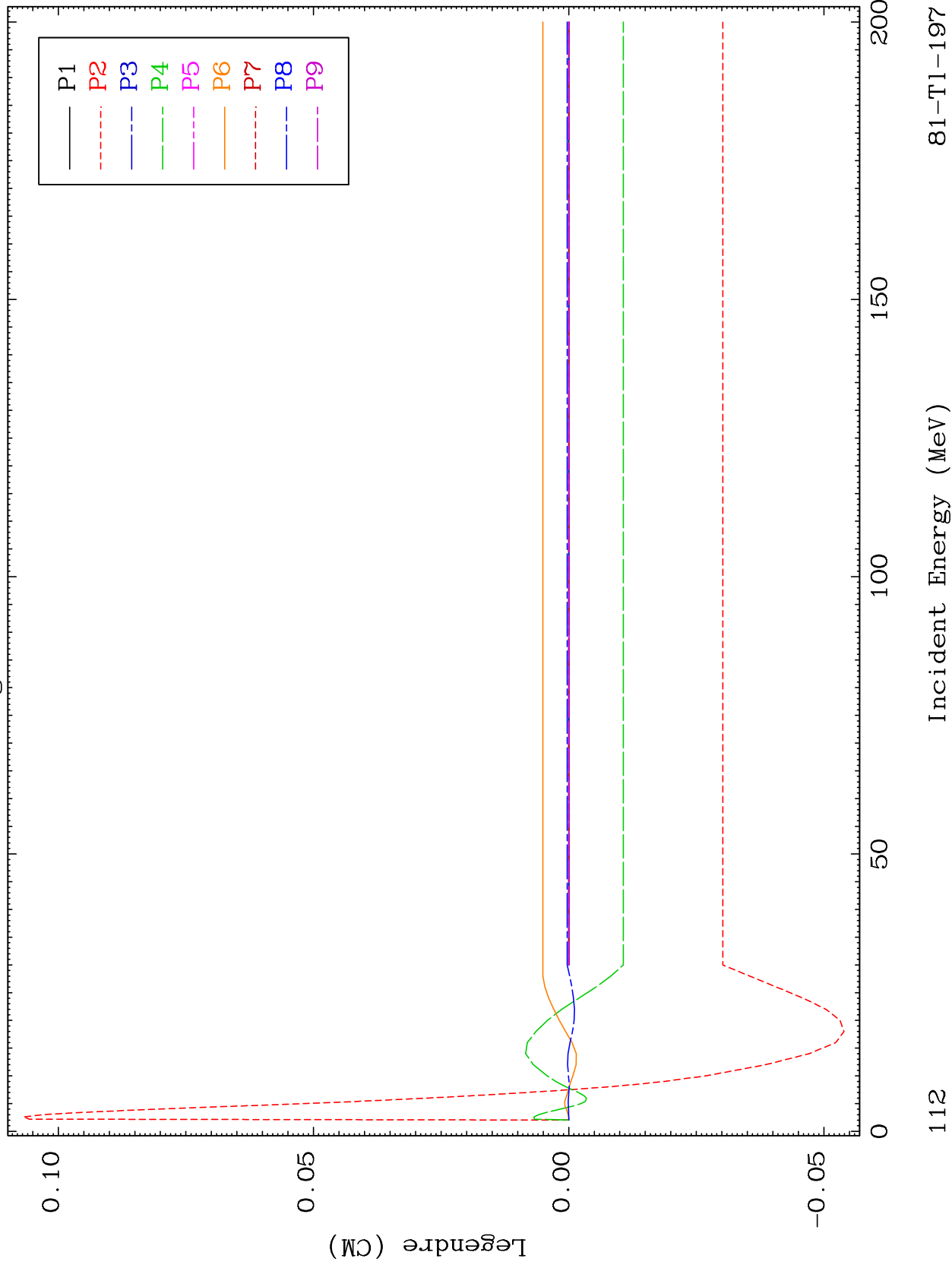
81-Tl-197



MAT 8107

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

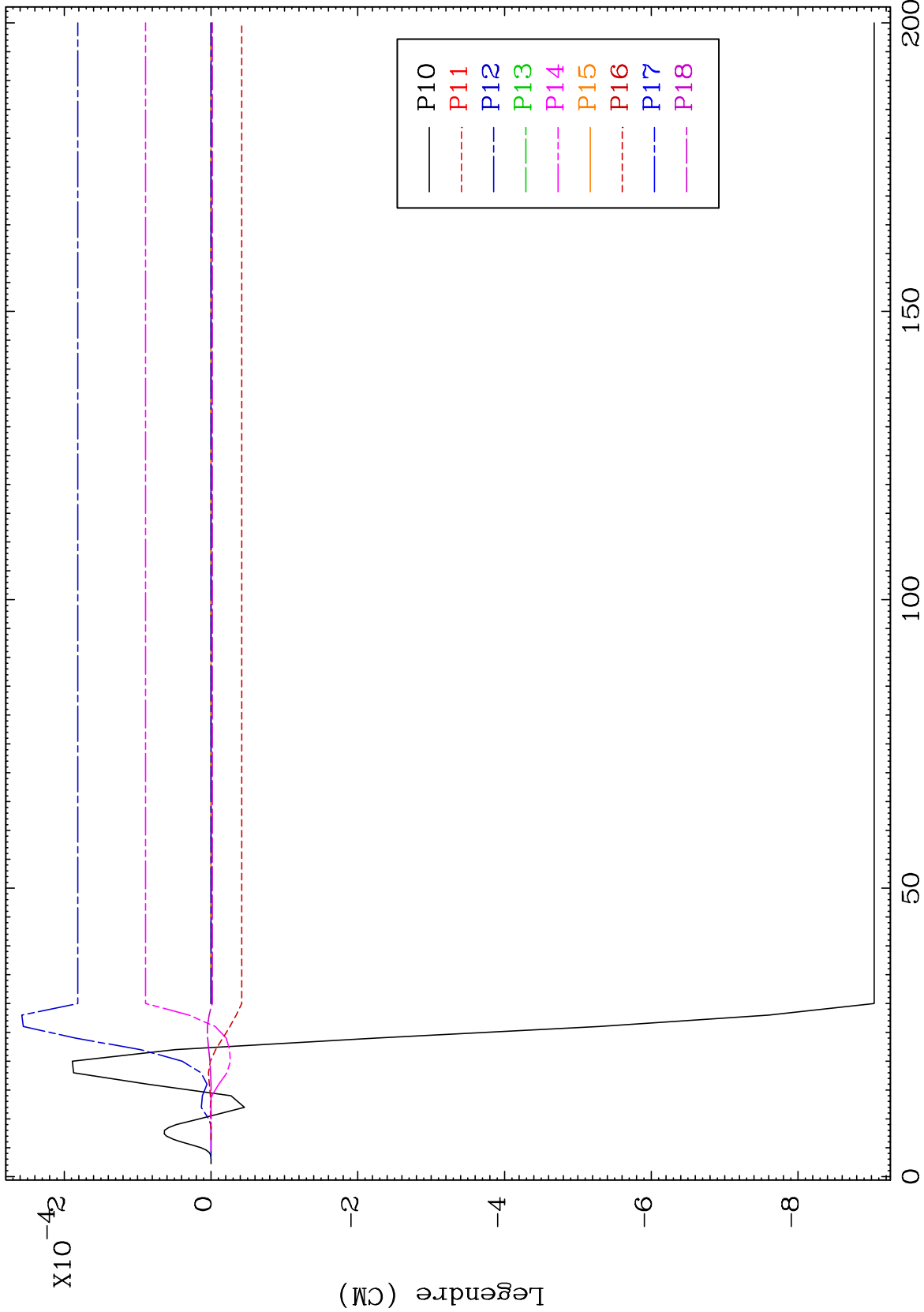
81-T1-197

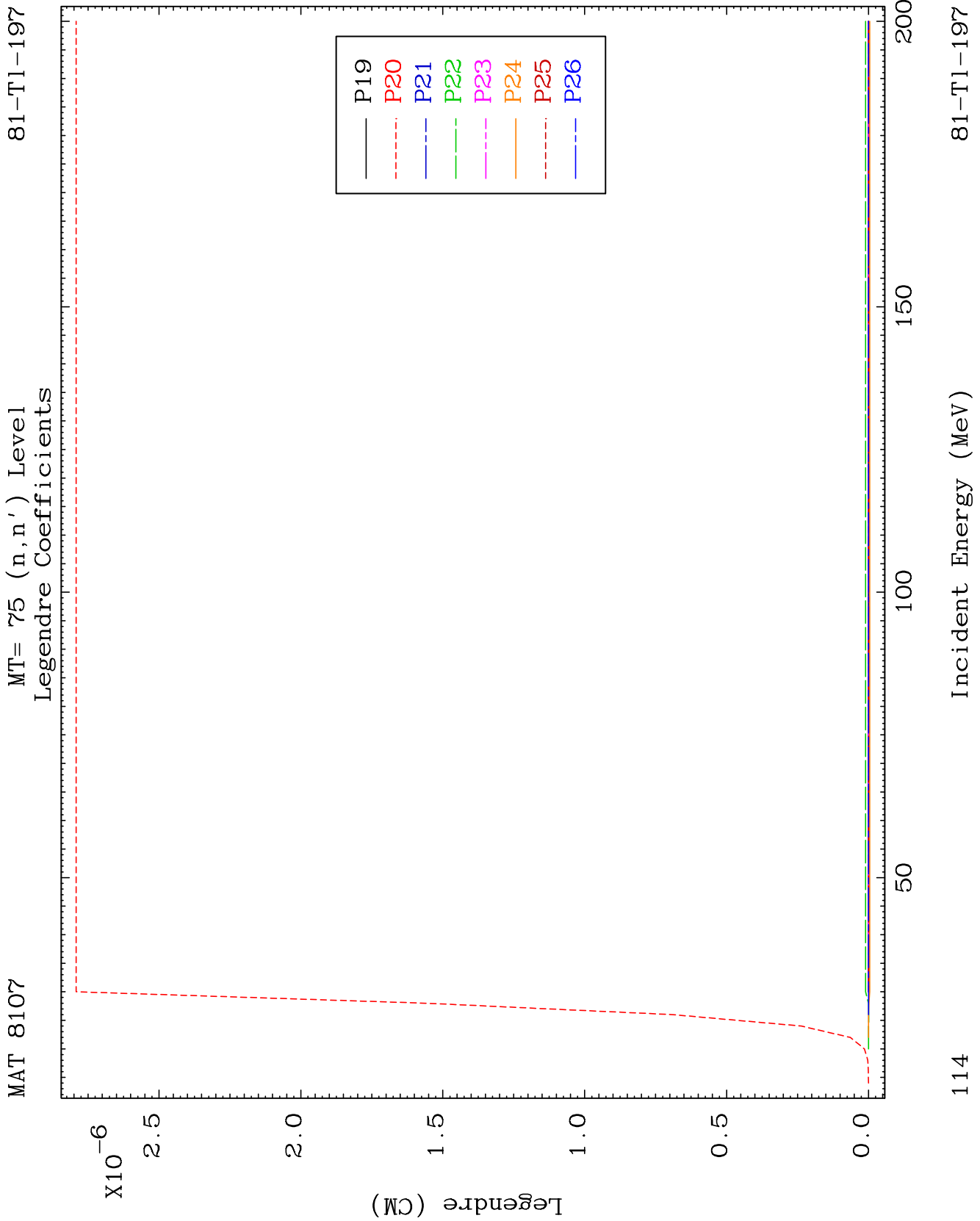


81-T1-197

Incident Energy (MeV)

112

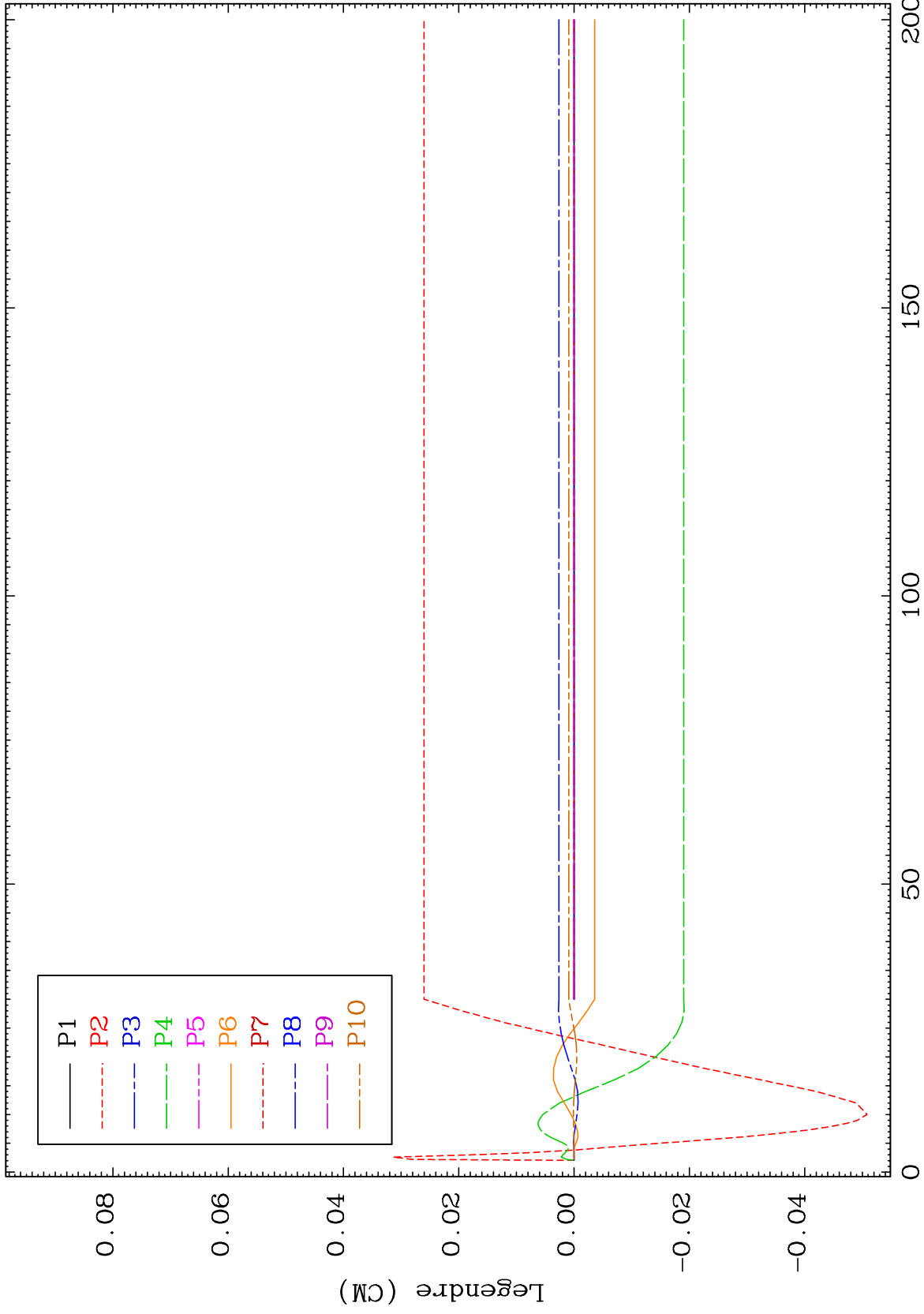




MAT 8107

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

81-T1-197



Incident Energy (MeV)

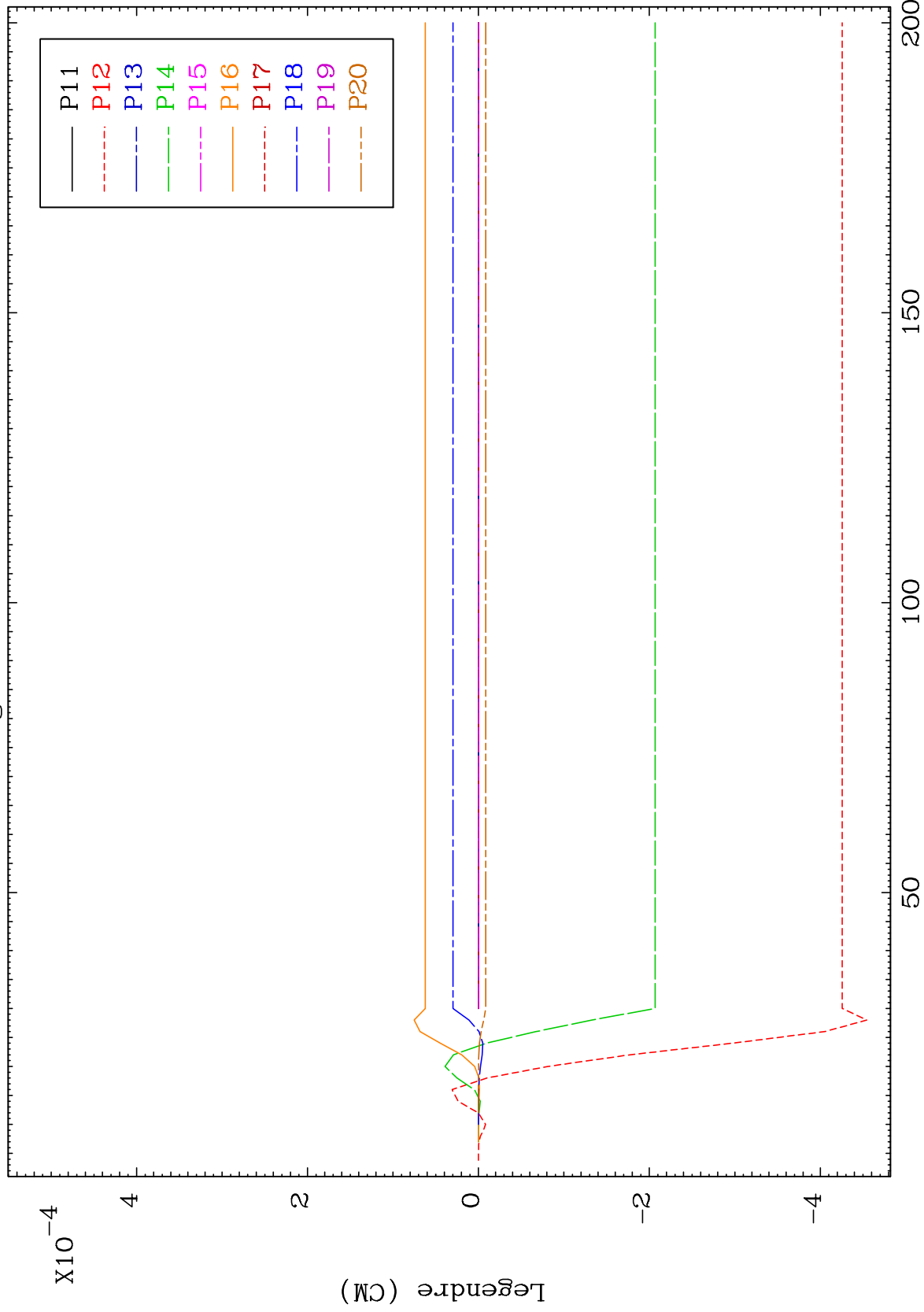
81-T1-197

115

MAT 8107

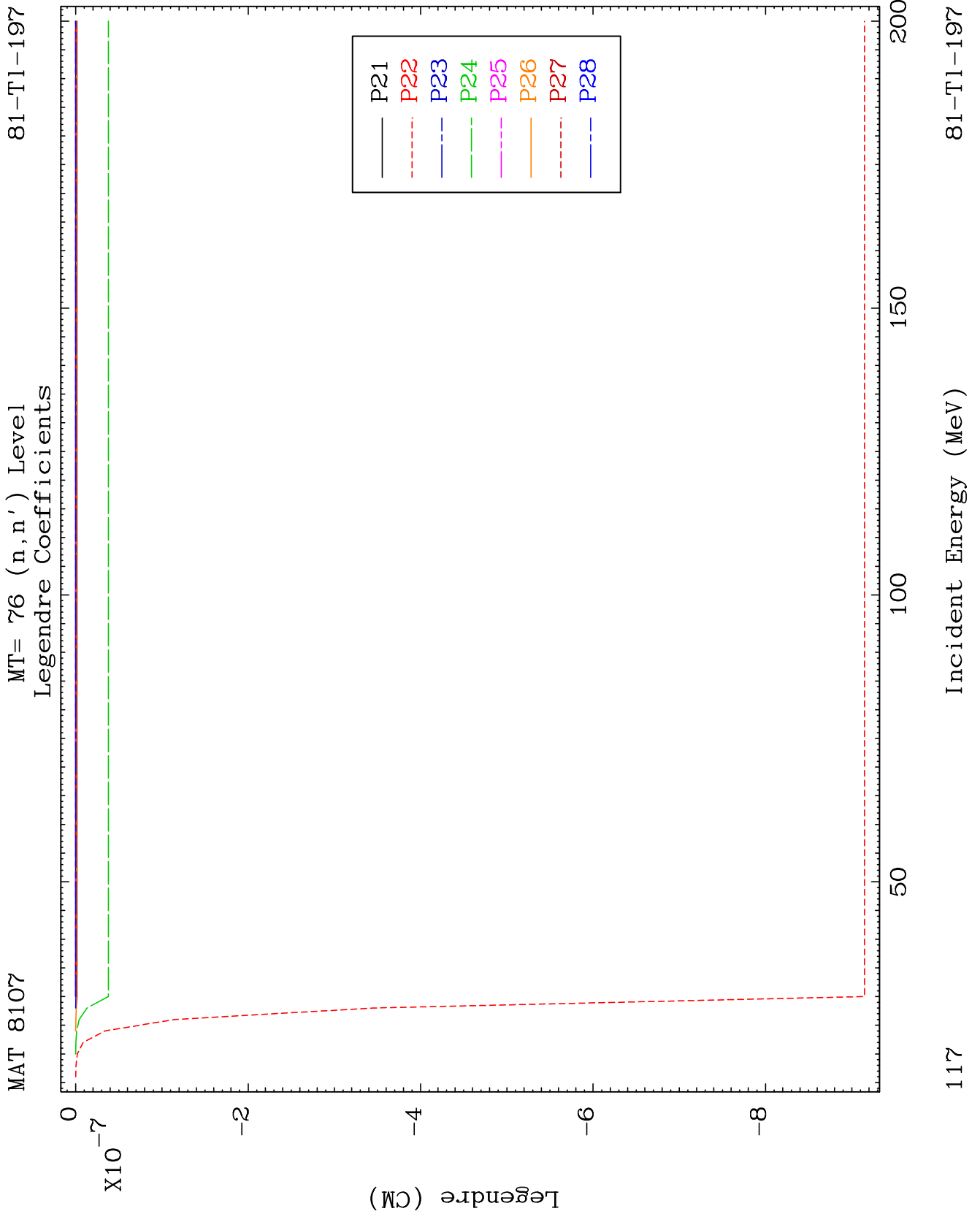
MT= 76 (n,n') Level
Legendre Coefficients

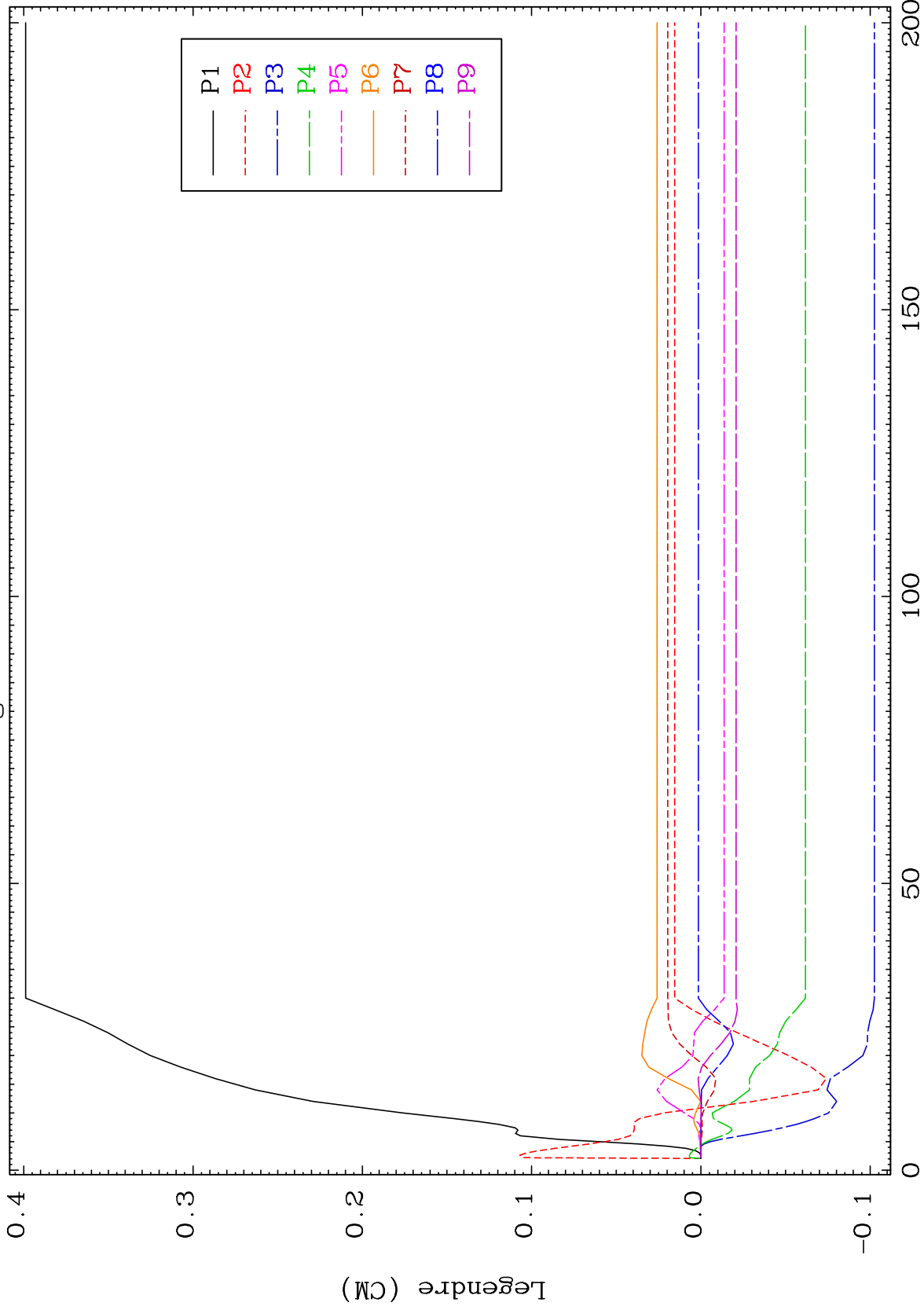
81-T1-197



116

81-T1-197

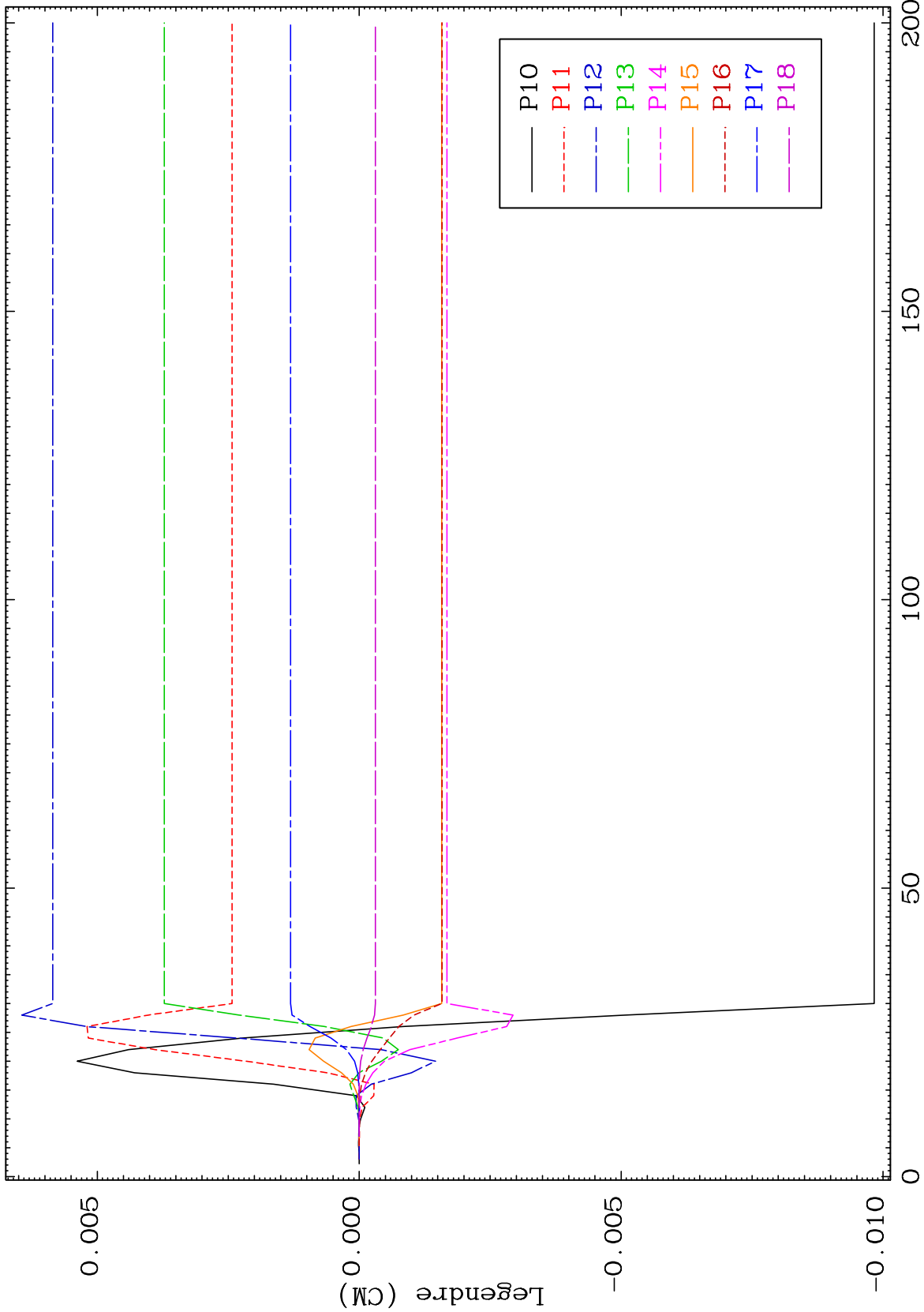




MAT 8107

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

81-T1-197



119

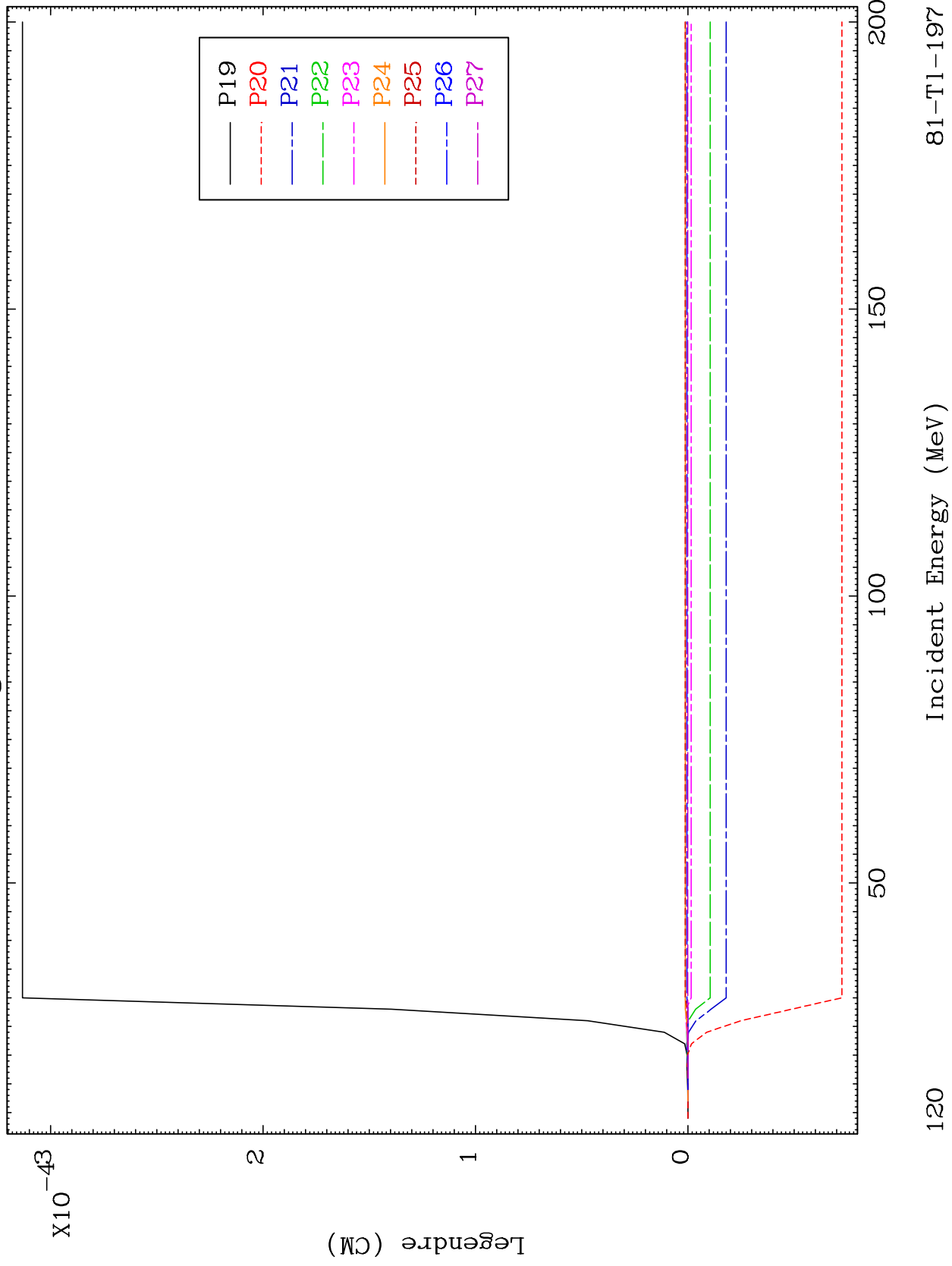
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



120

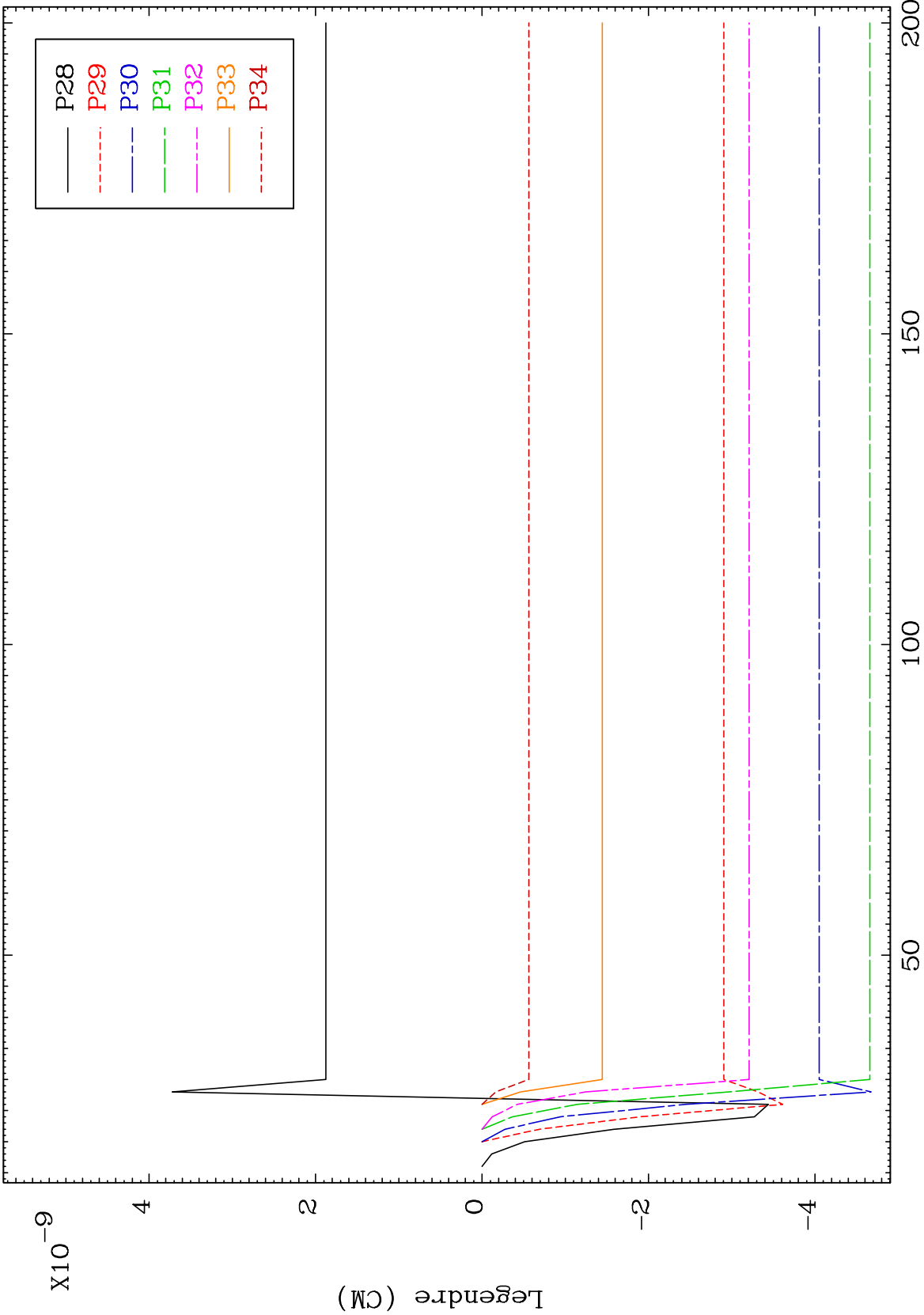
Incident Energy (MeV)

81-T1-197

MAT 8107

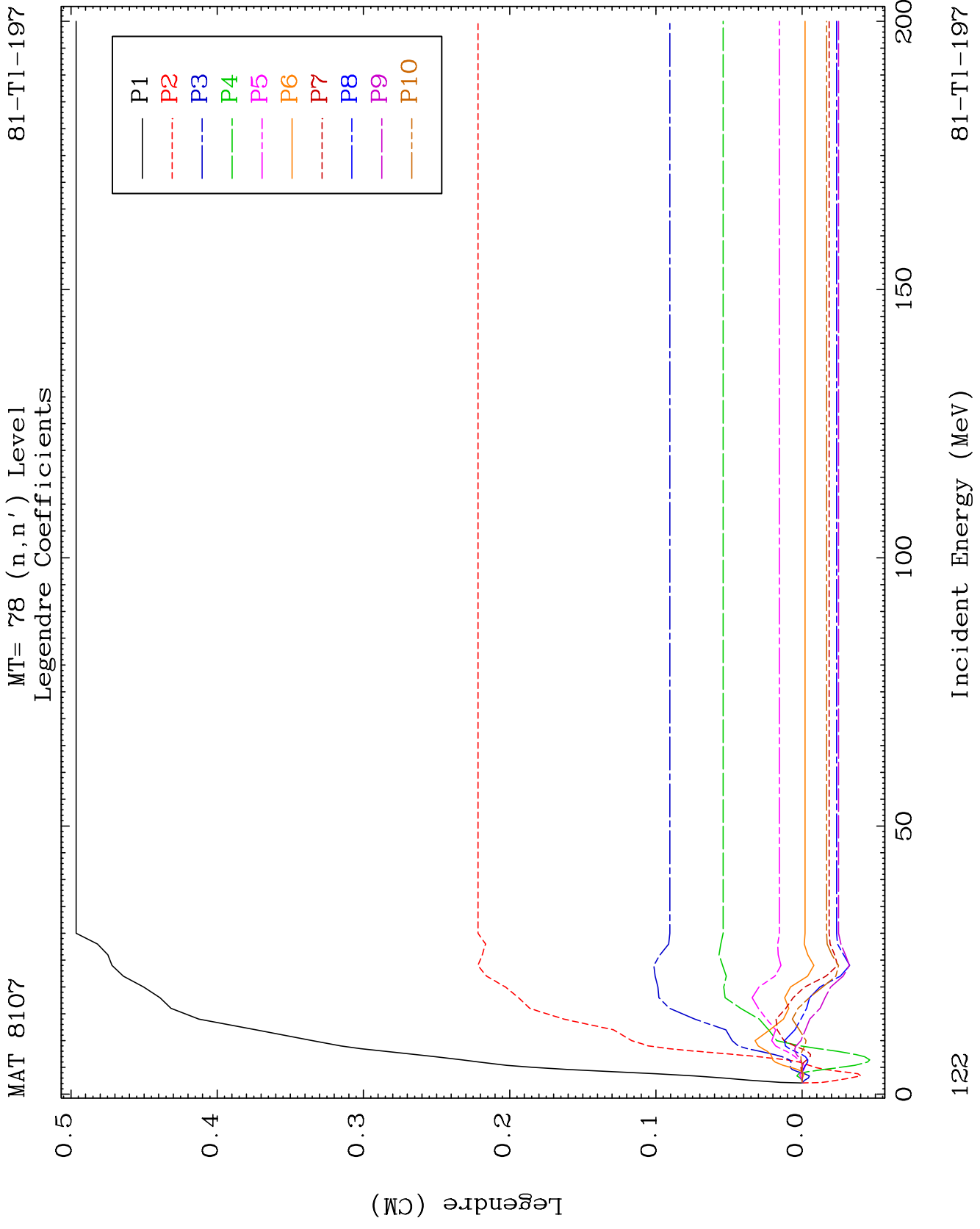
MT= 77 (n,n') Level
Legendre Coefficients

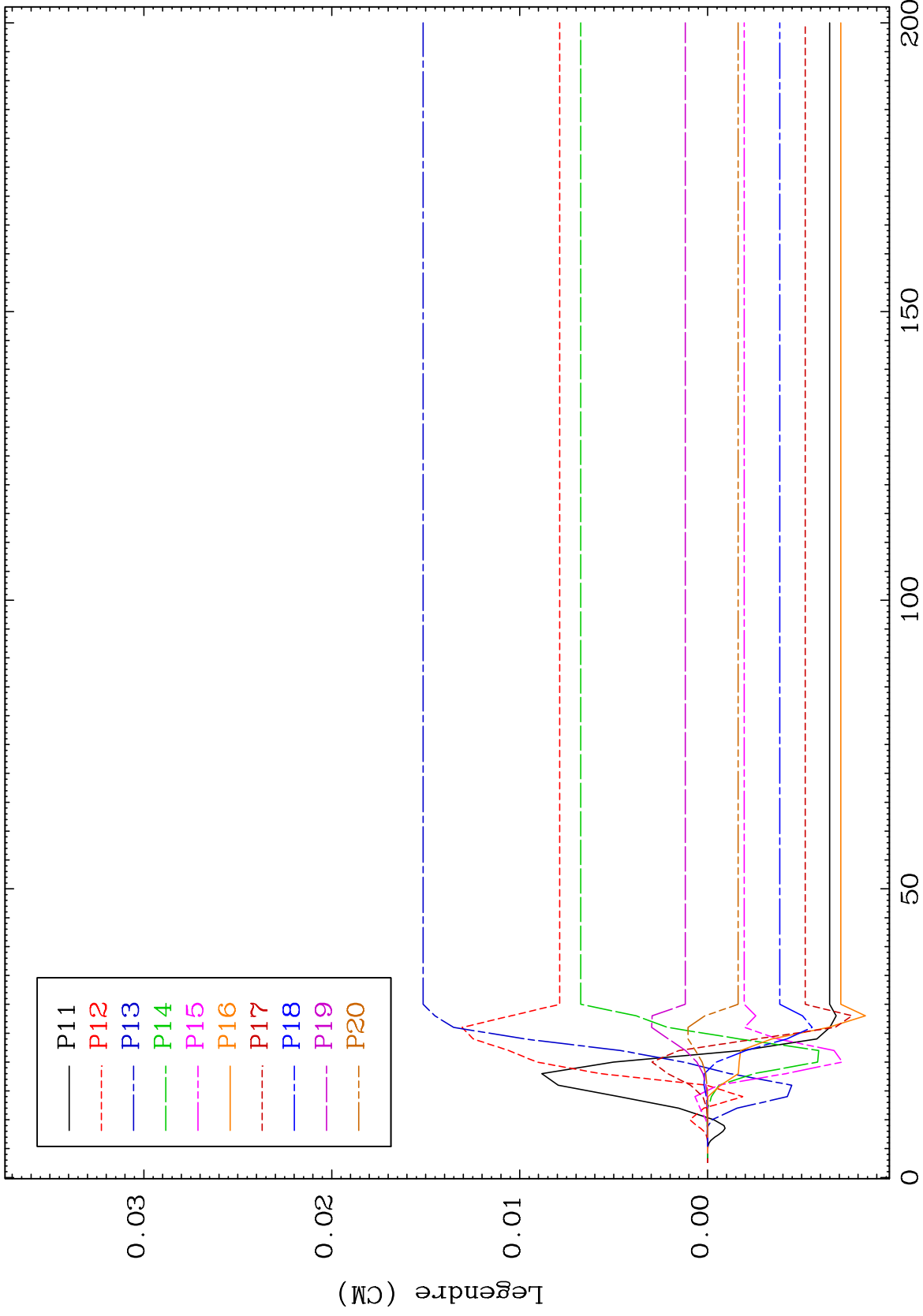
81-T1-197

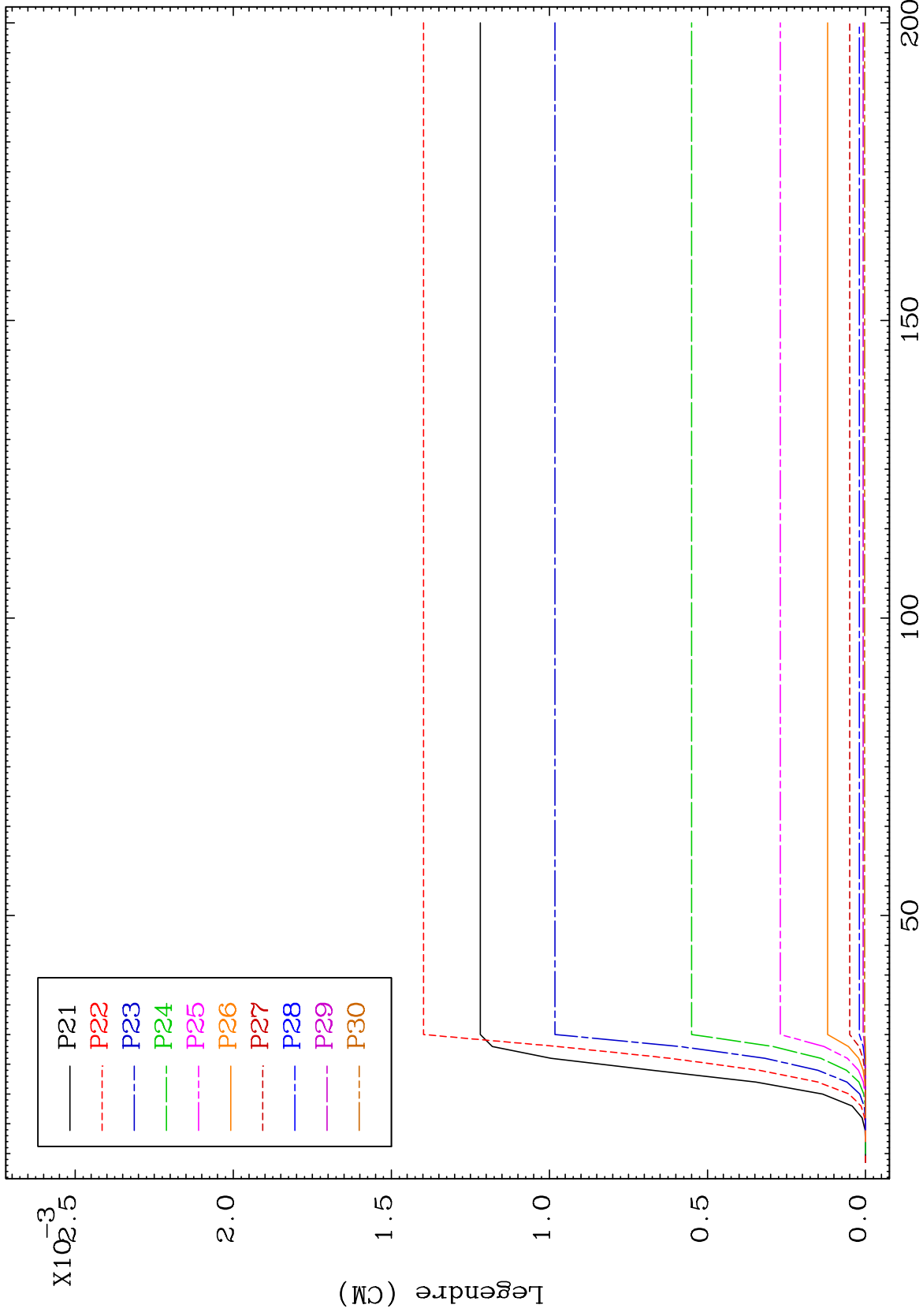


121

81-T1-197



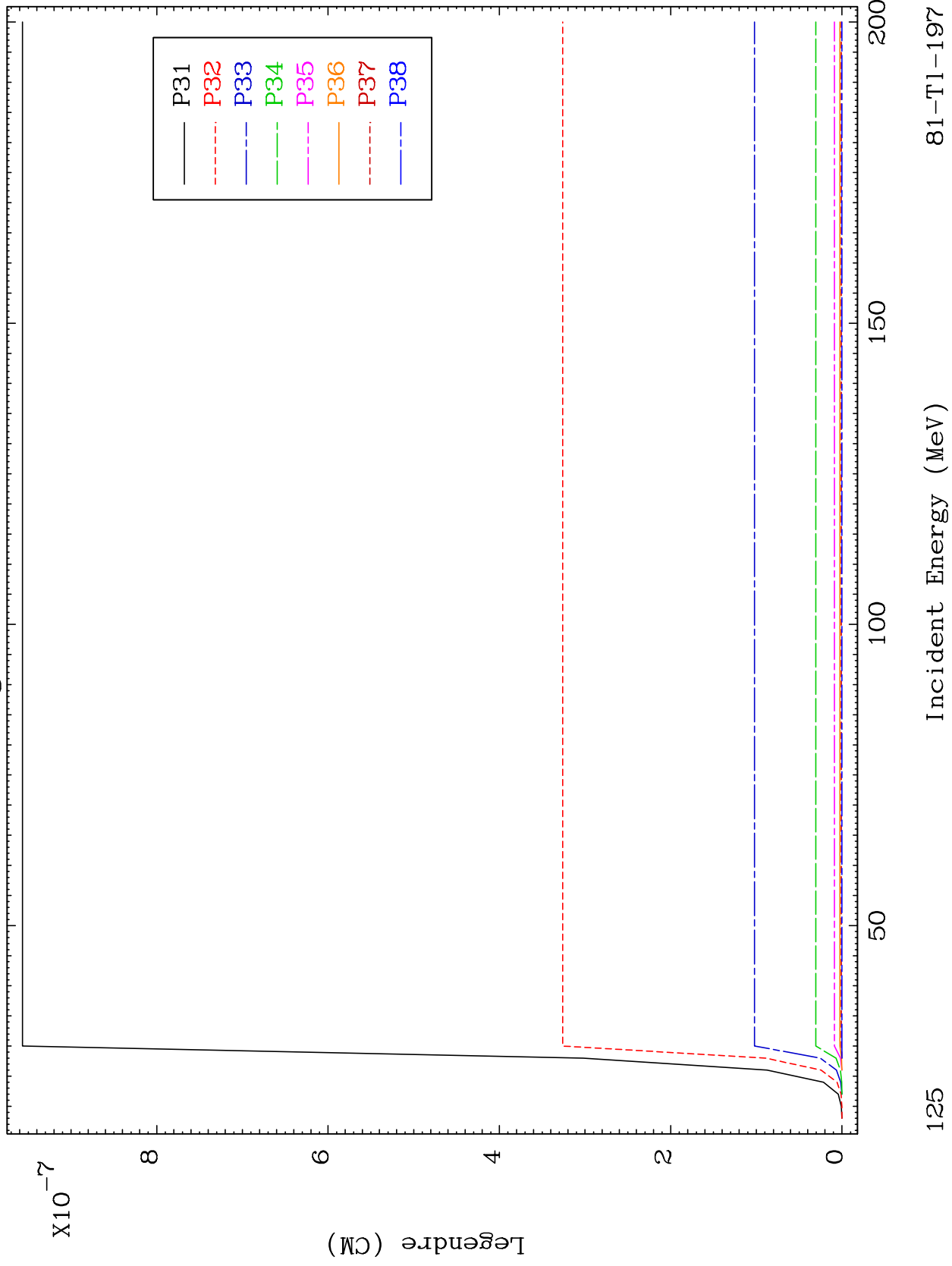




MAT 8107

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

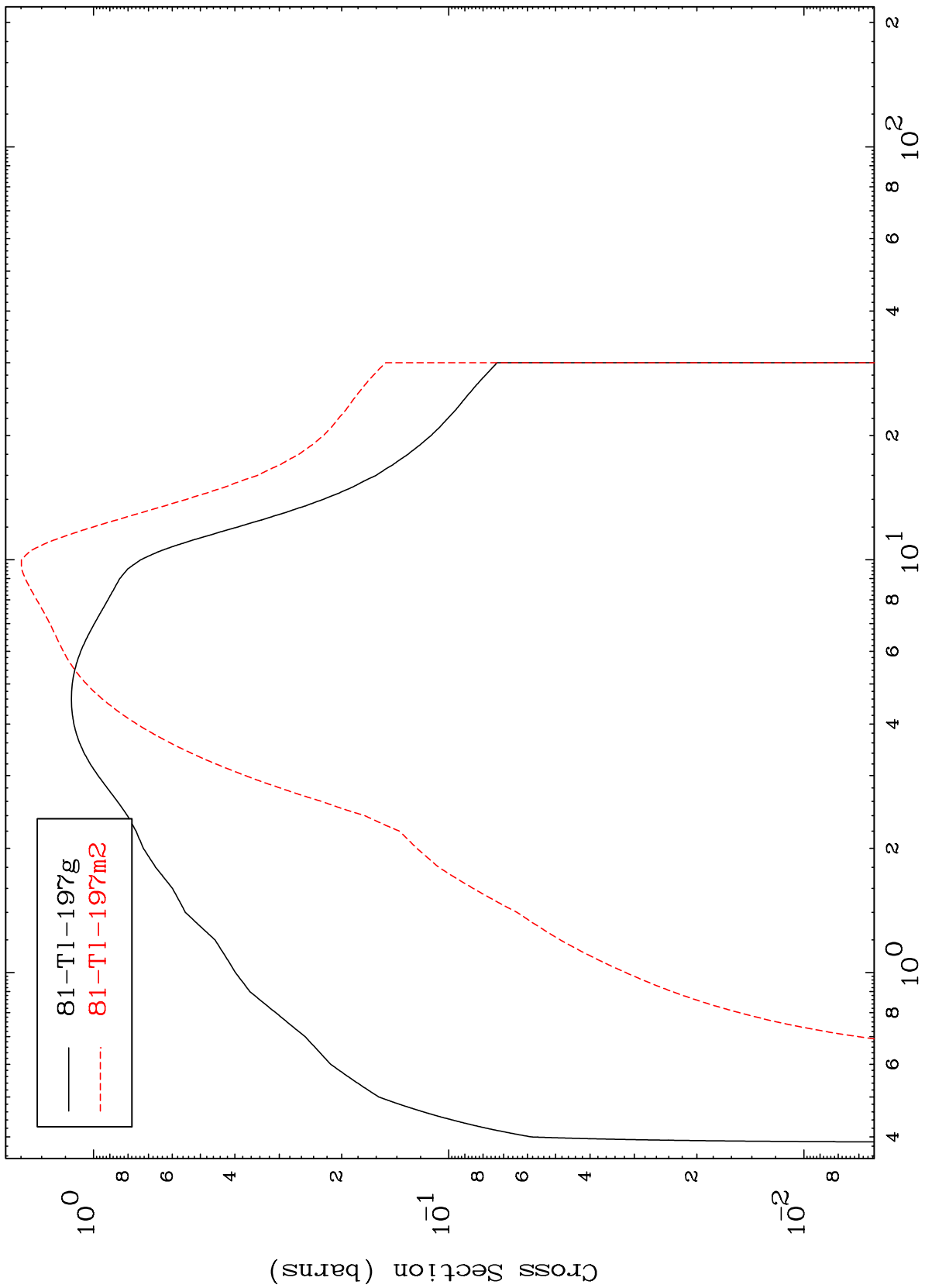
81-T1-197



MAT 8107

81-Tl-197

Radionuclide Production Cross Section



126

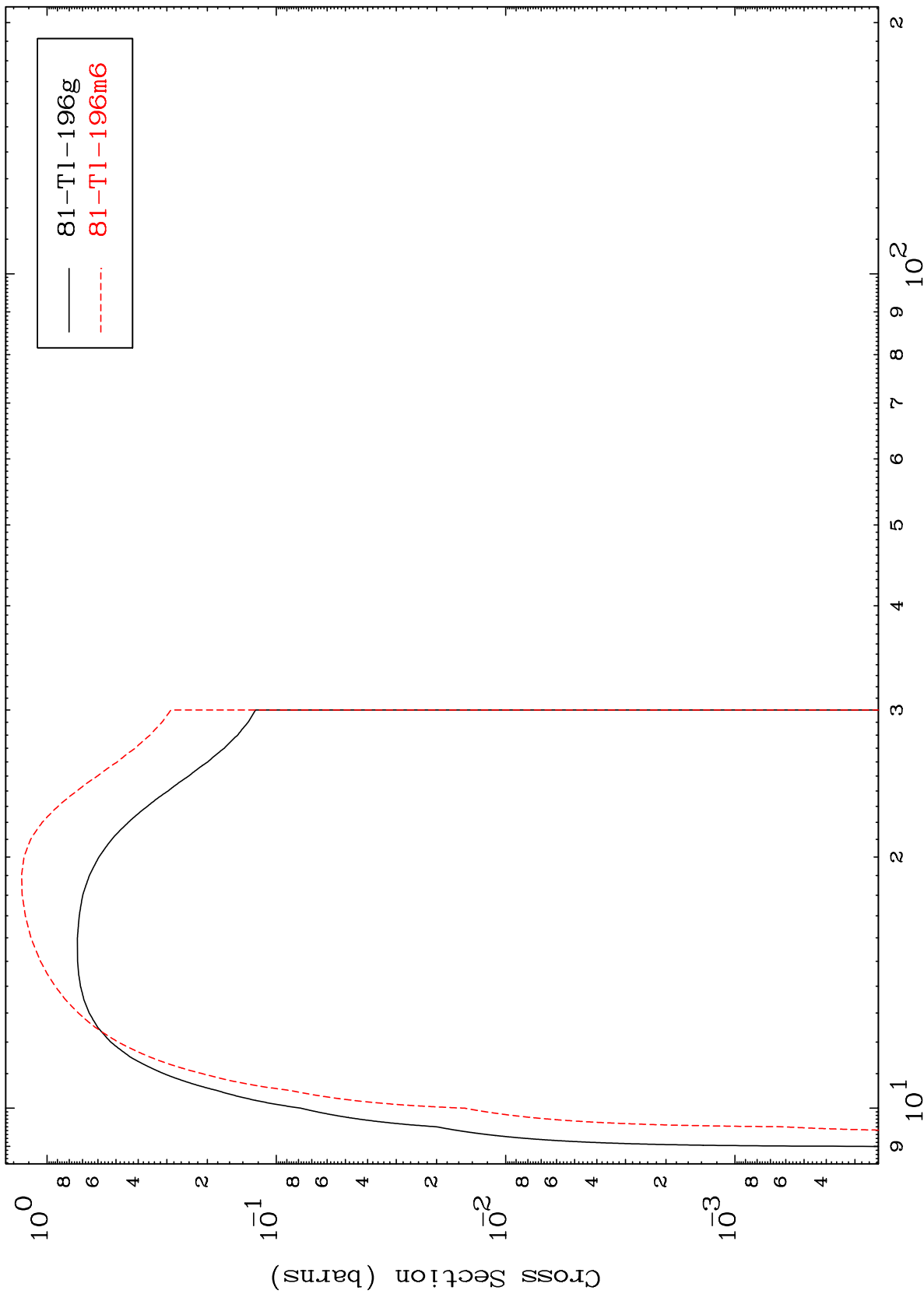
81-Tl-197

Incident Energy (MeV)

MAT 8107

81-Tl-197

(n,2n)
Radionuclide Production Cross Section

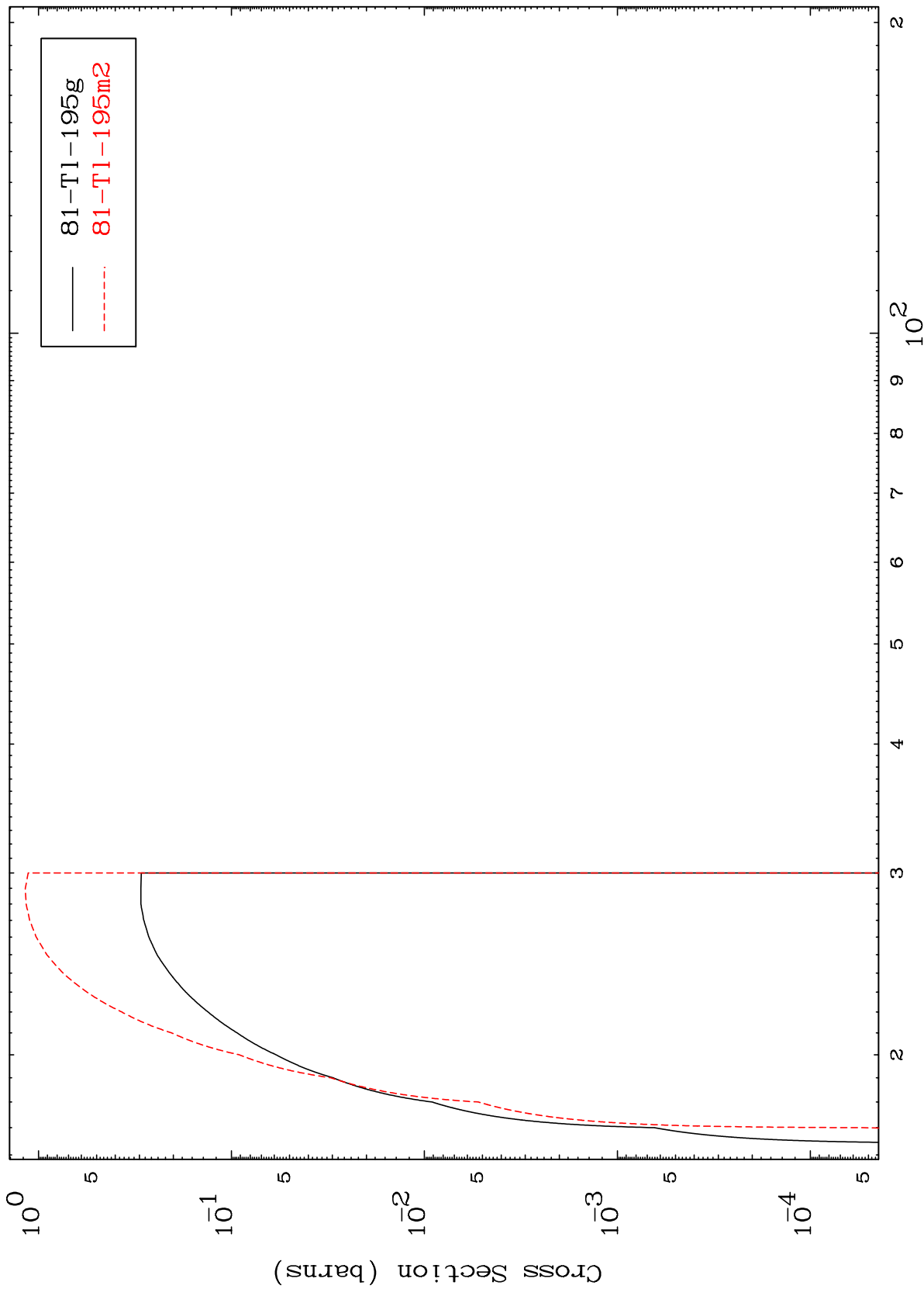


81-Tl-197

Incident Energy (MeV)

127

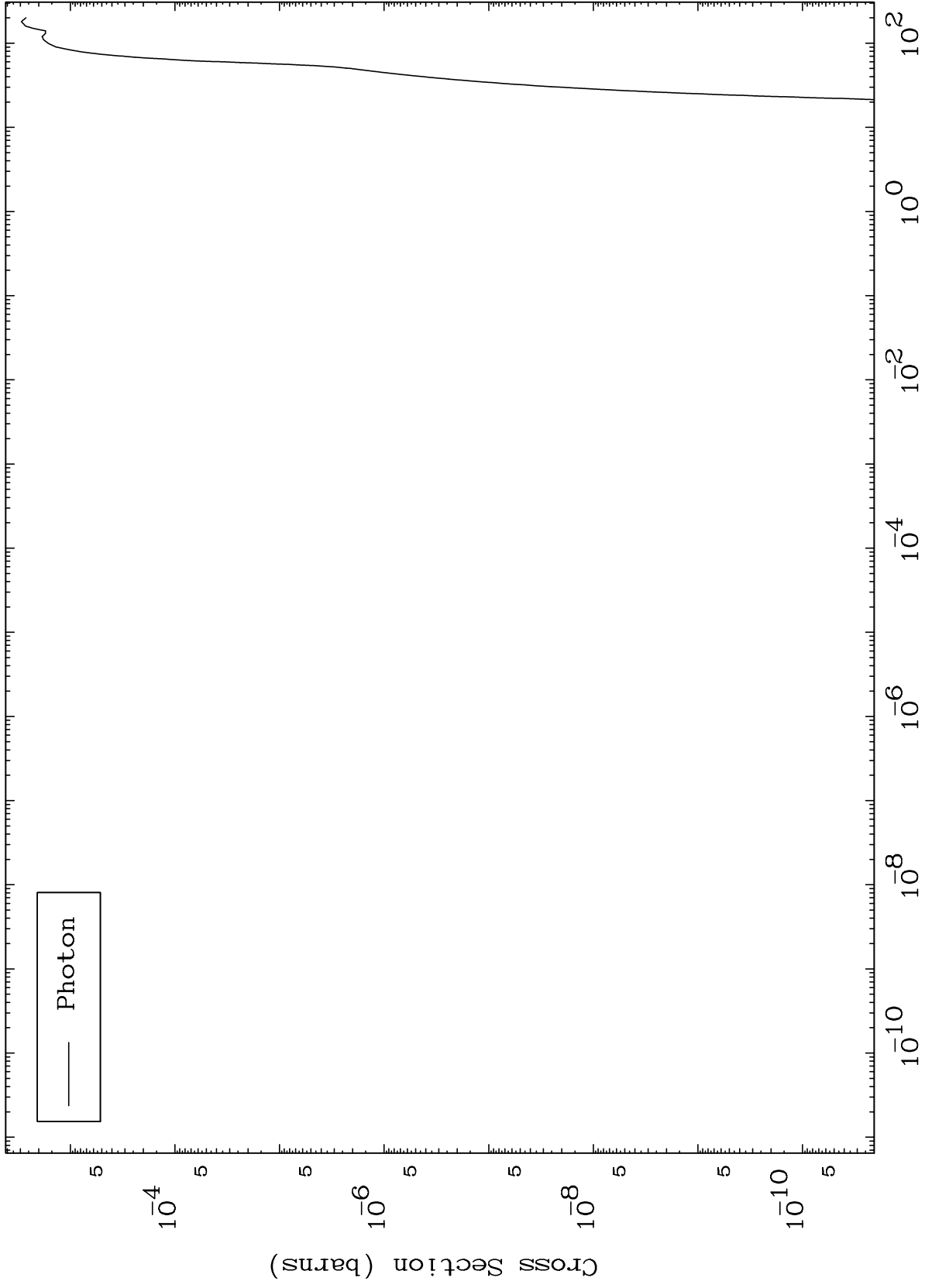
(n,3n)
Radionuclide Production Cross Section



MAT 8107

Fission
Radionuclide Production Cross Section

81-Tl-197



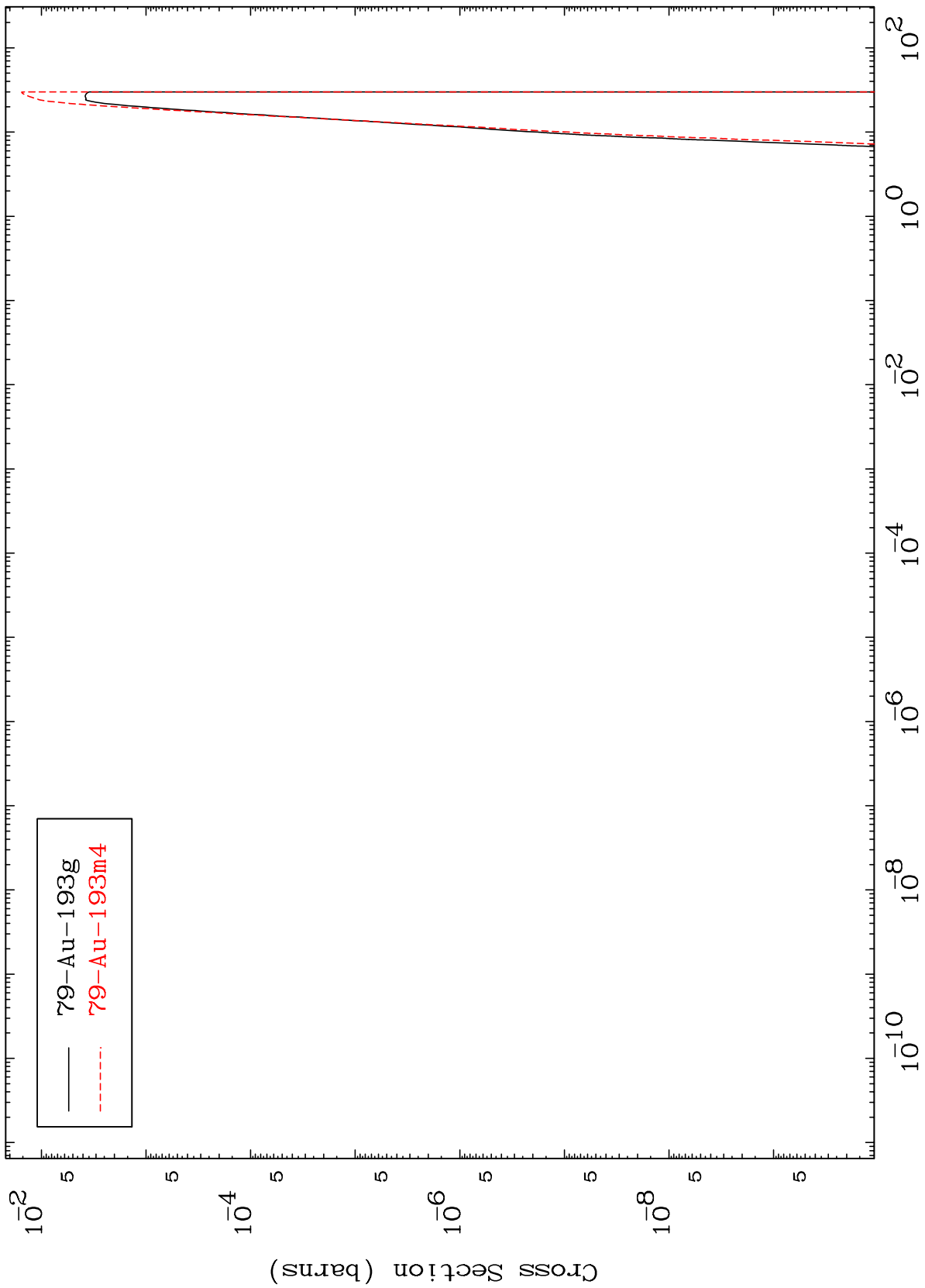
81-Tl-197

MAT 8107

$(n, n') \alpha$

81-Tl-197

Radionuclide Production Cross Section



— ^{193}gAu
- - - $^{193}\text{m4Au}$

130

Incident Energy (MeV)

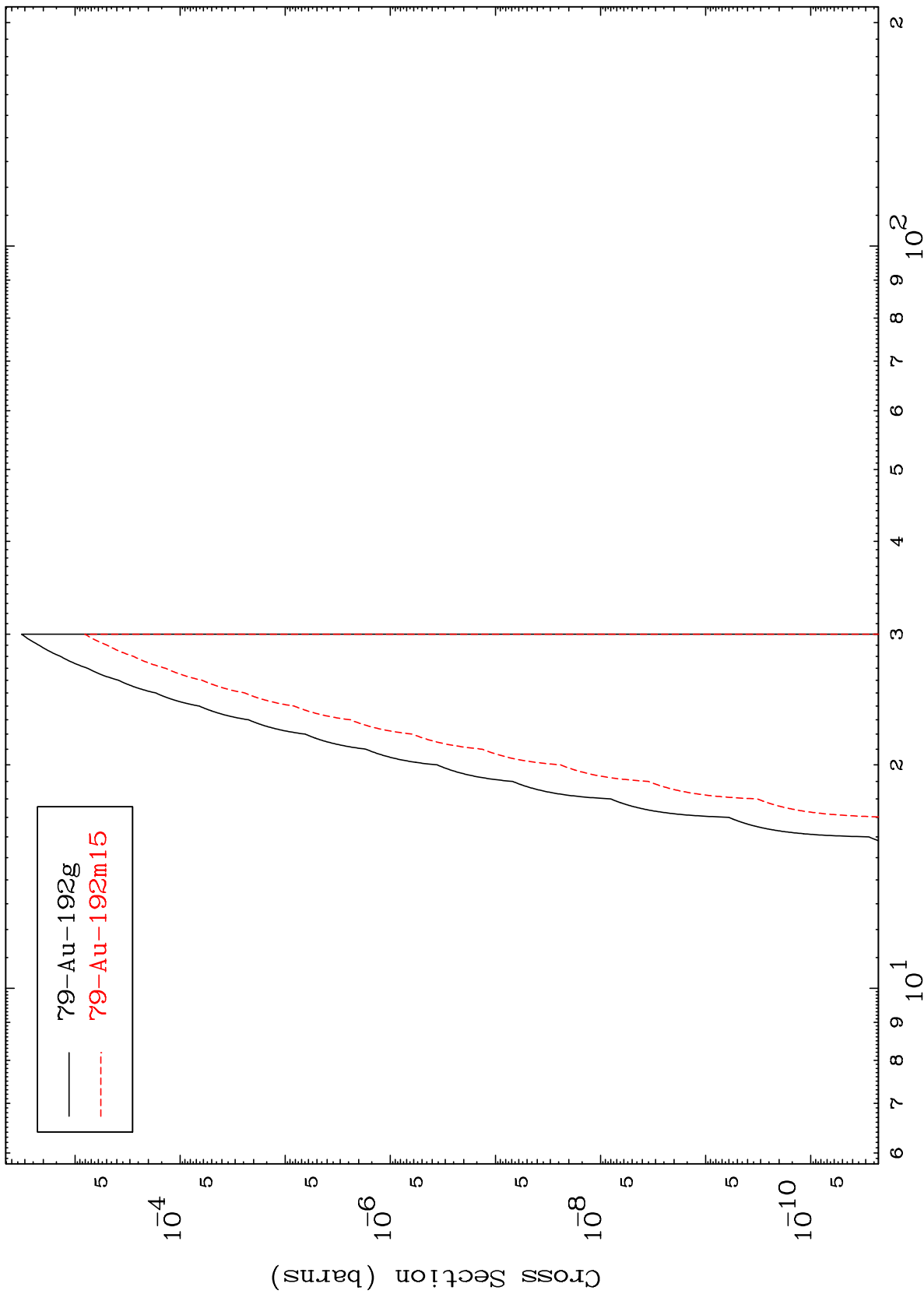
81-Tl-197

MAT 8107

81-Tl-197

(n,2n) α

Radionuclide Production Cross Section

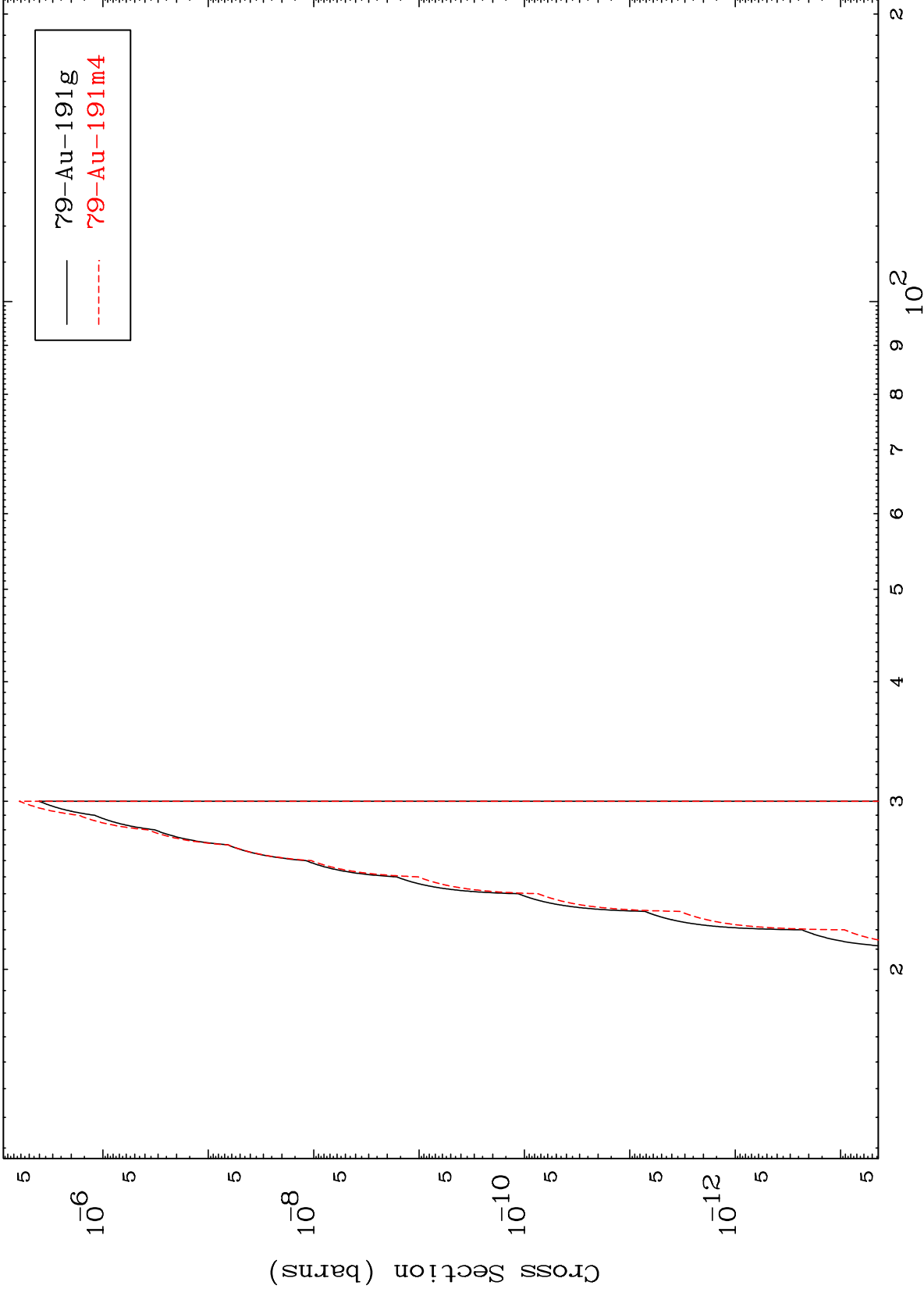


131

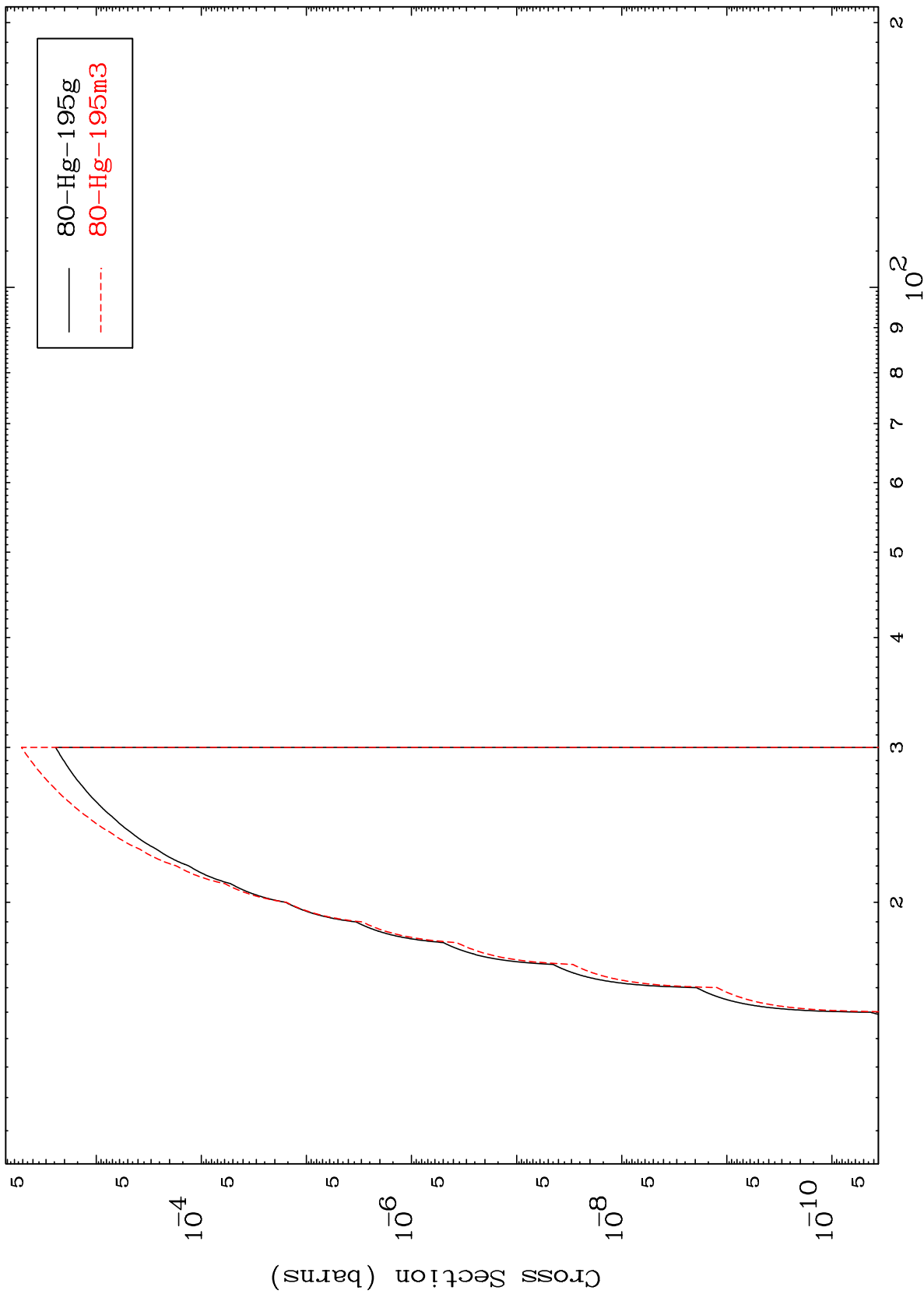
Incident Energy (MeV)

81-Tl-197

Radionuclide Production Cross Section



Radionuclide Production Cross Section

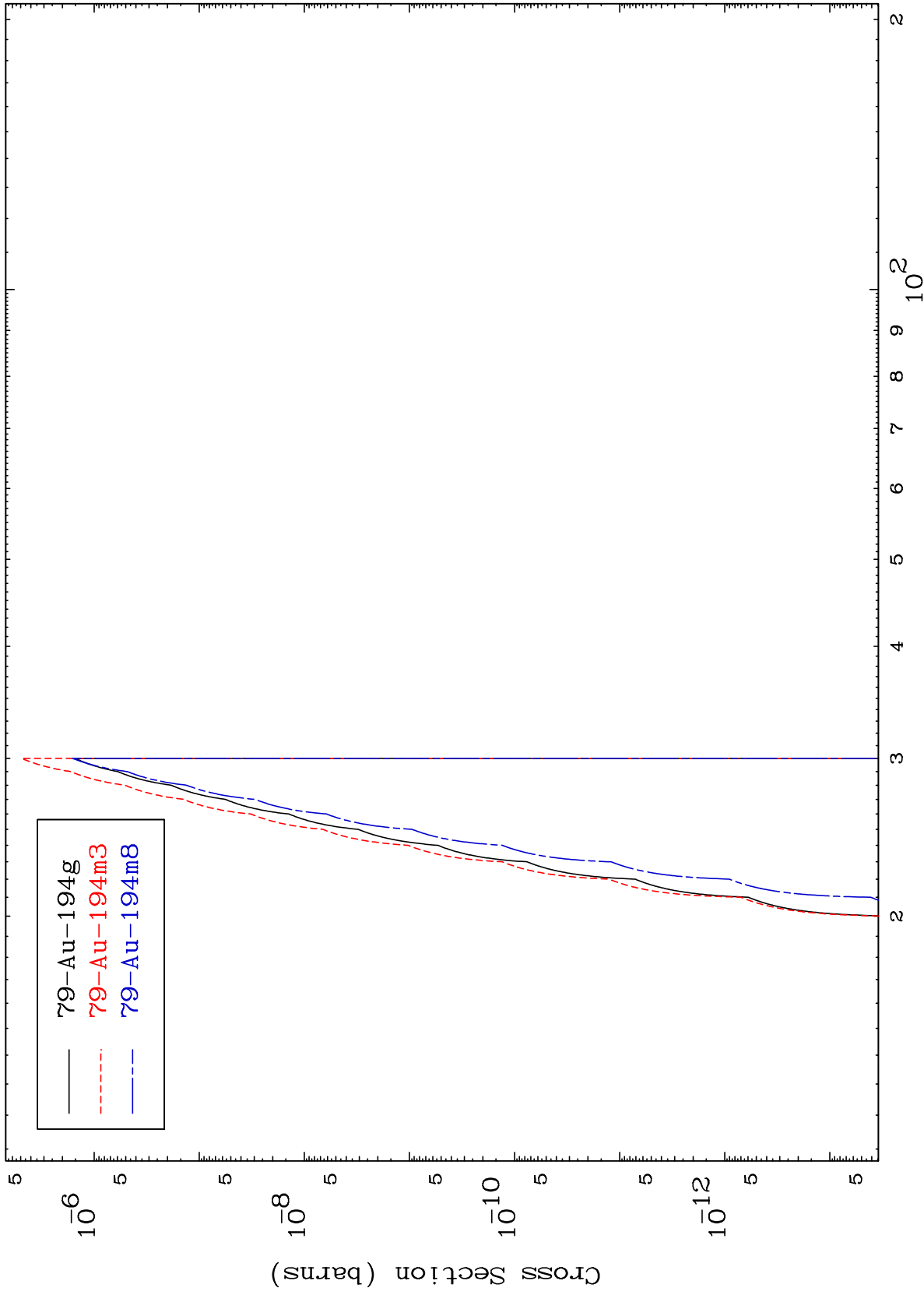


MAT 8107

(n,n') He-3

81-Tl-197

Radionuclide Production Cross Section



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

134

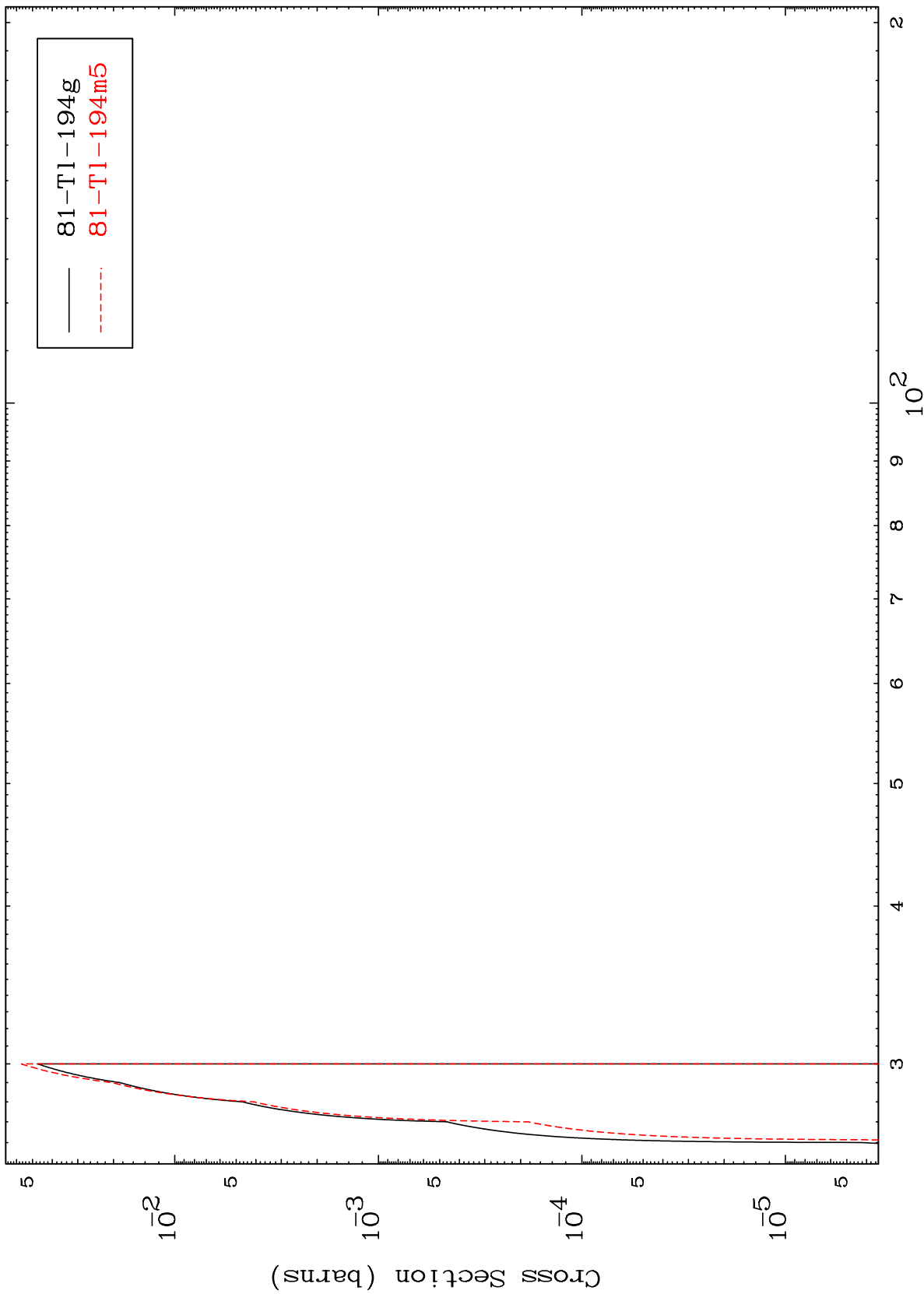
Incident Energy (MeV)

81-Tl-197

MAT 8107

81-Tl-197

(n,4n)
Radionuclide Production Cross Section

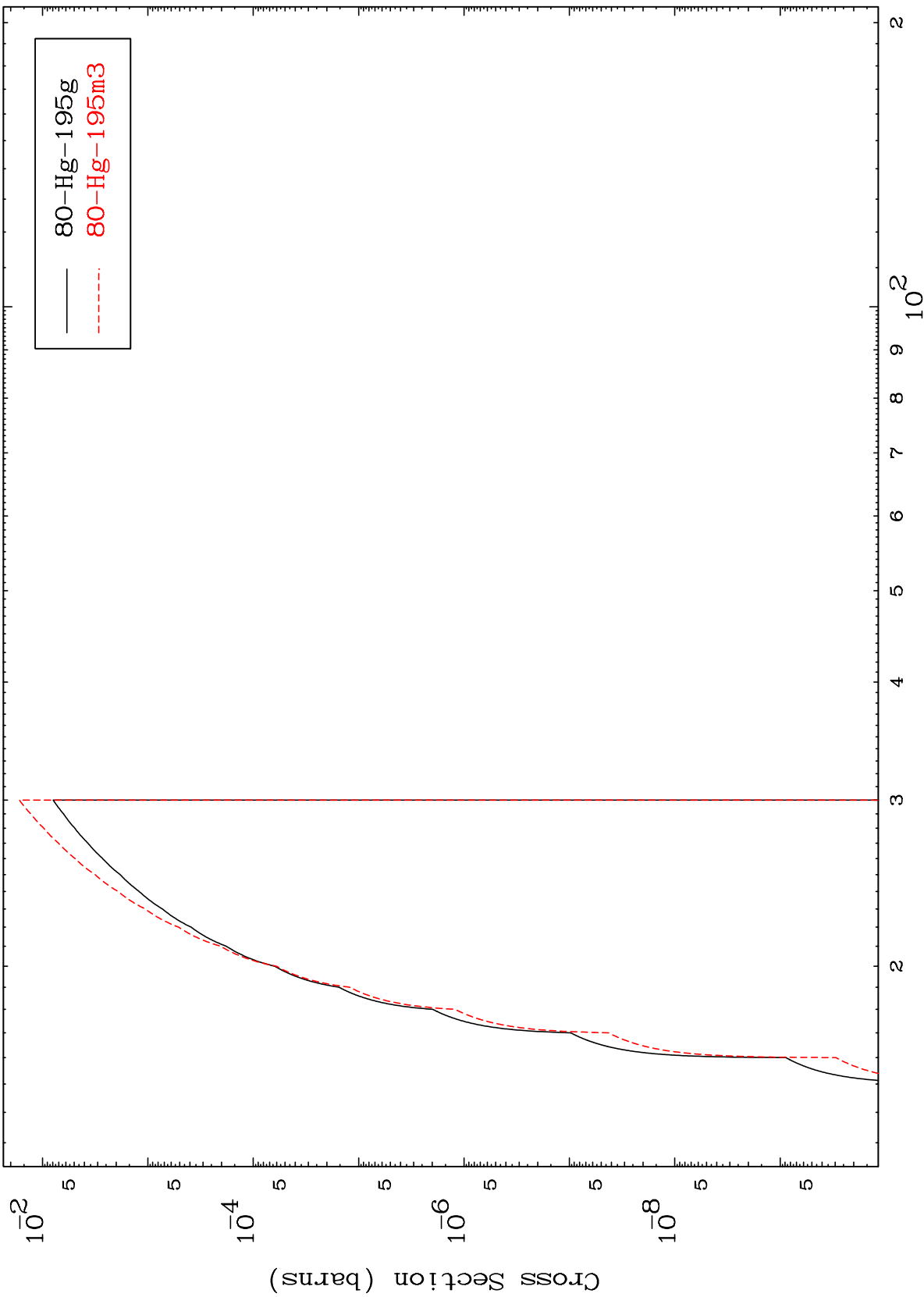


135

81-Tl-197

Incident Energy (MeV)

Radionuclide Production Cross Section

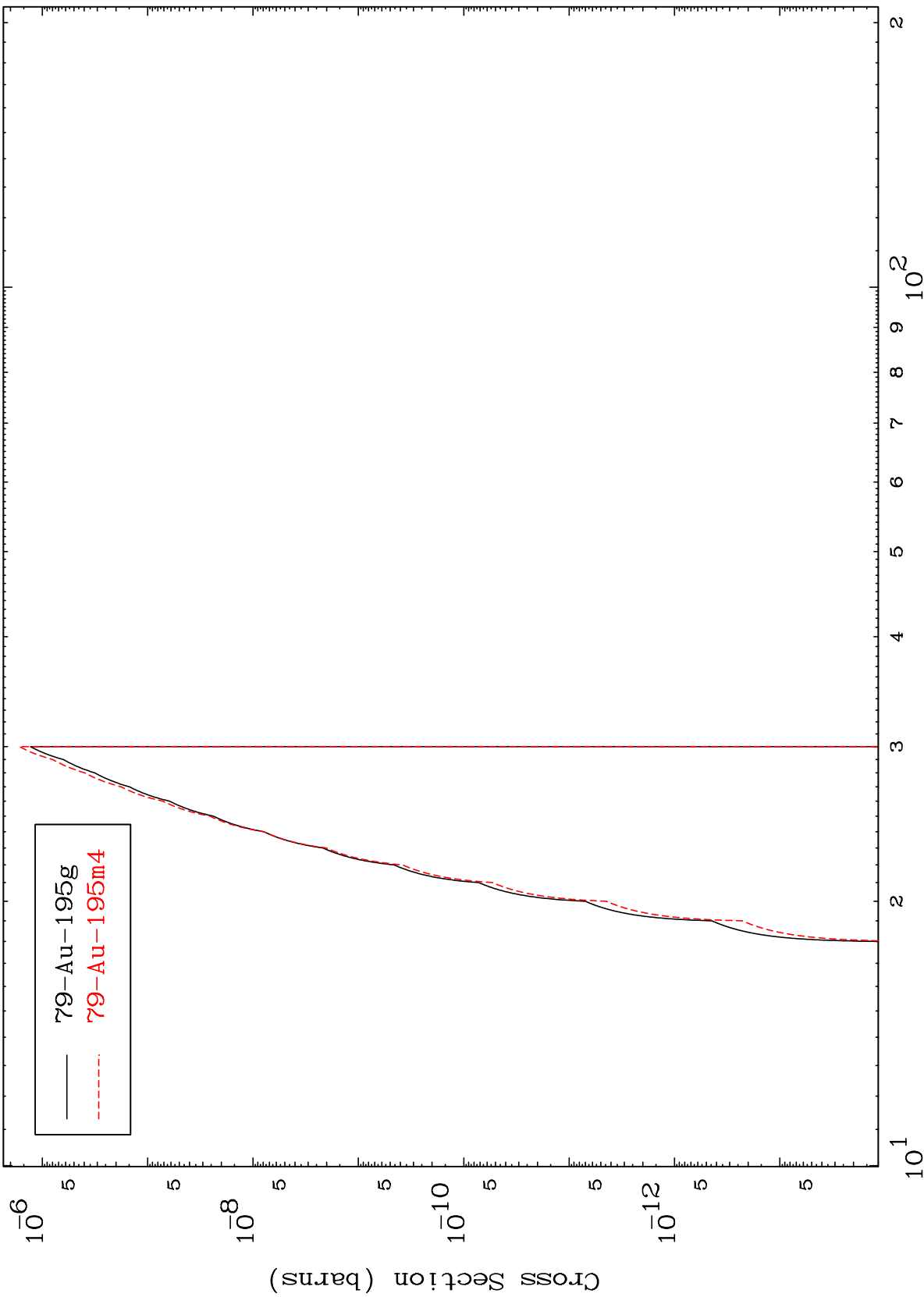


MAT 8107

(n,2n) p

81-Tl-197

Radionuclide Production Cross Section



137

Incident Energy (MeV)

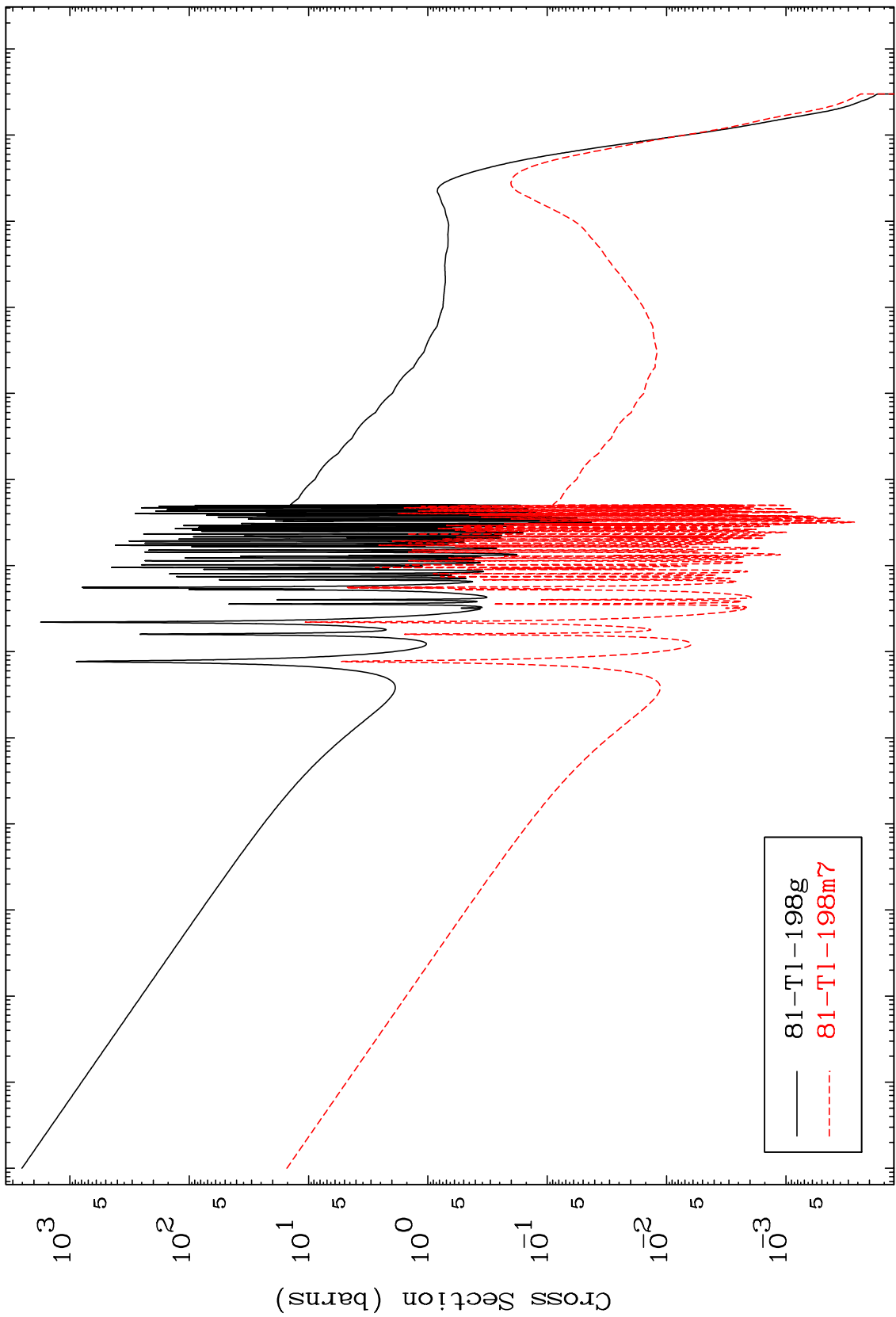
81-Tl-197

MAT 8107

81-Tl-197

Radionuclide Production Cross Section

(n, γ)



— 81-Tl-198g
- - - 81-Tl-198m7

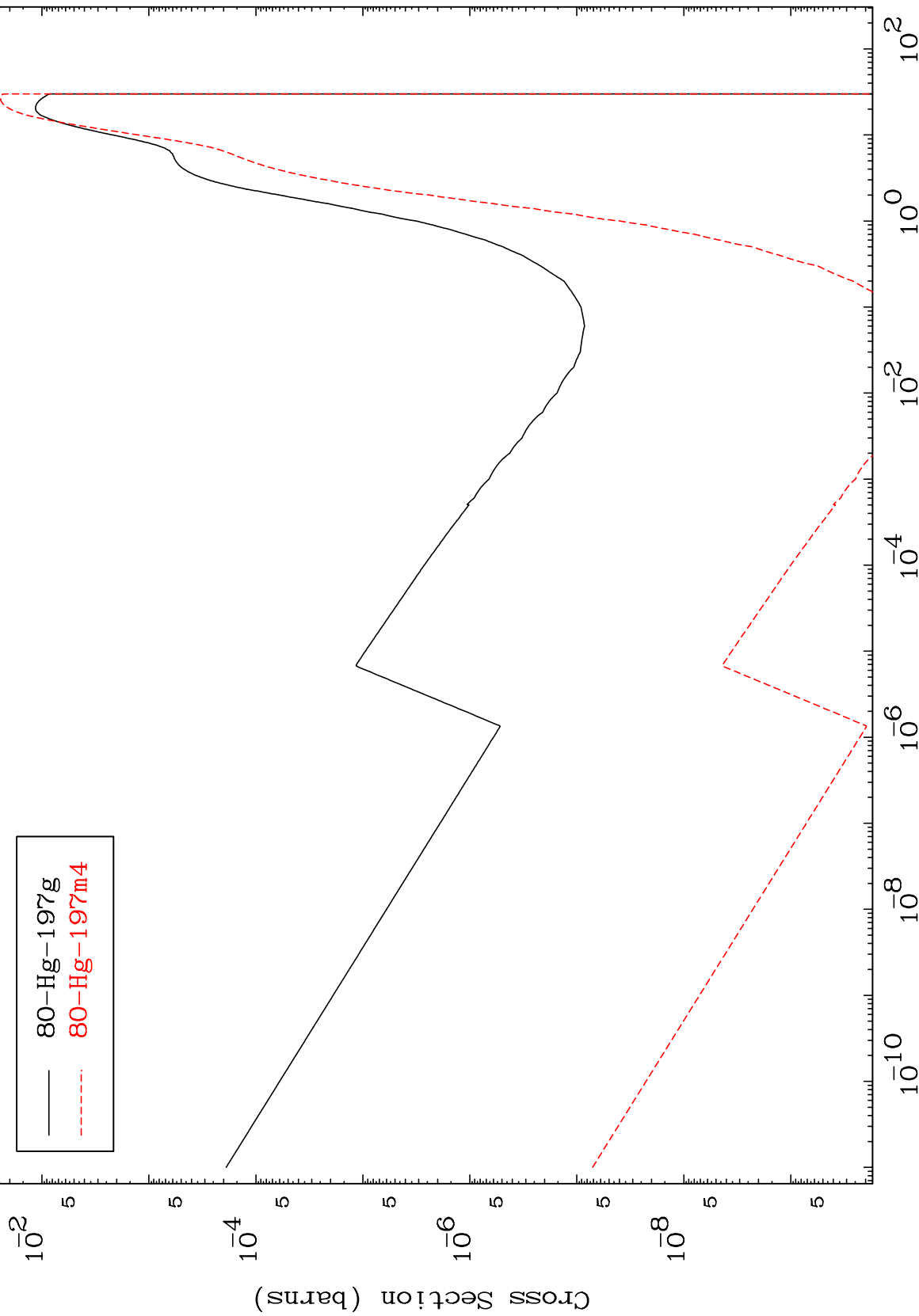
81-Tl-197

Incident Energy (MeV)

MAT 8107

81-Tl-197

(n,p)
Radionuclide Production Cross Section



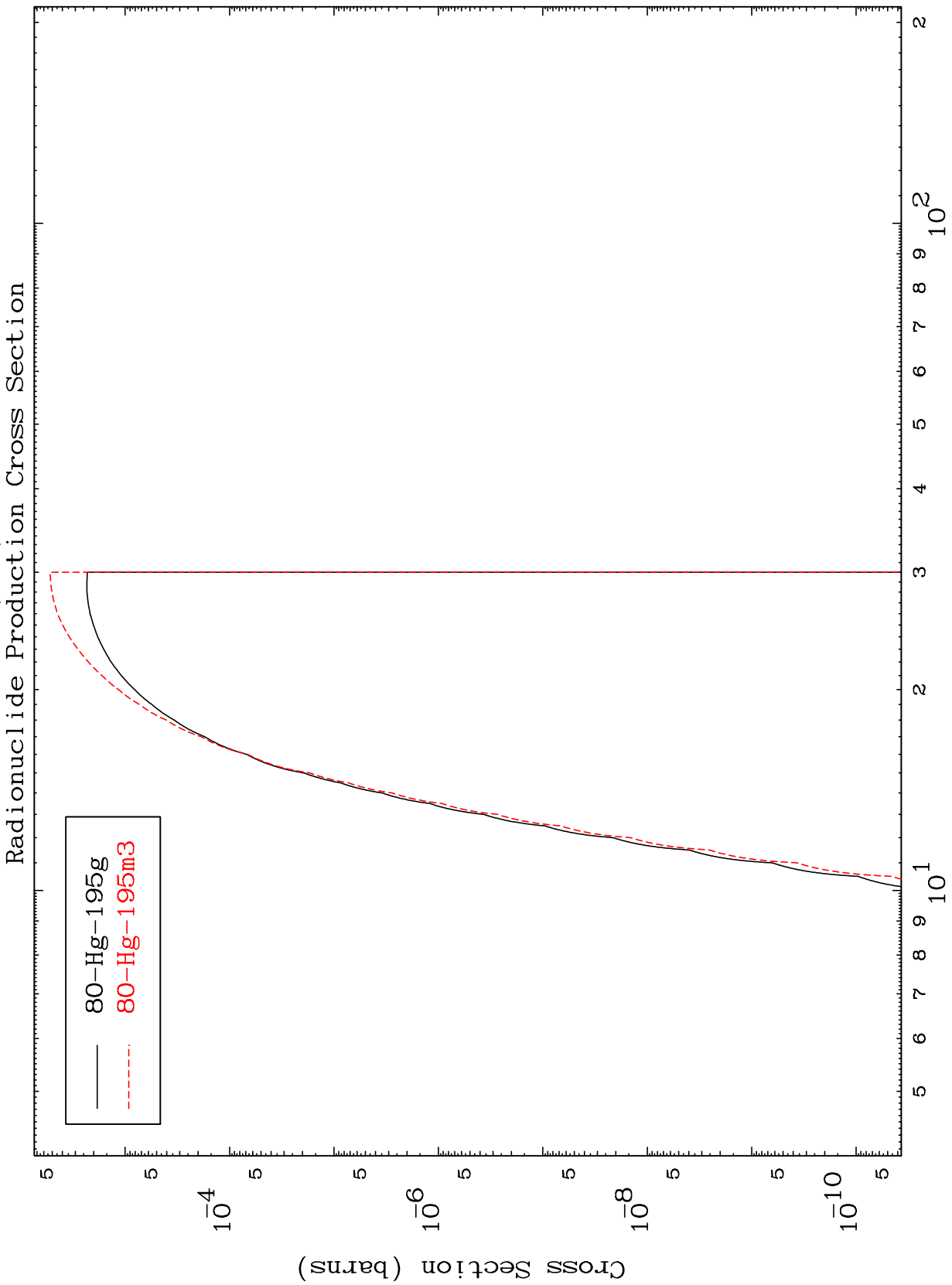
139

81-Tl-197

Incident Energy (MeV)

MAT 8107

81-T1-197



— 80-Hg-195g
- - - 80-Hg-195m3

140

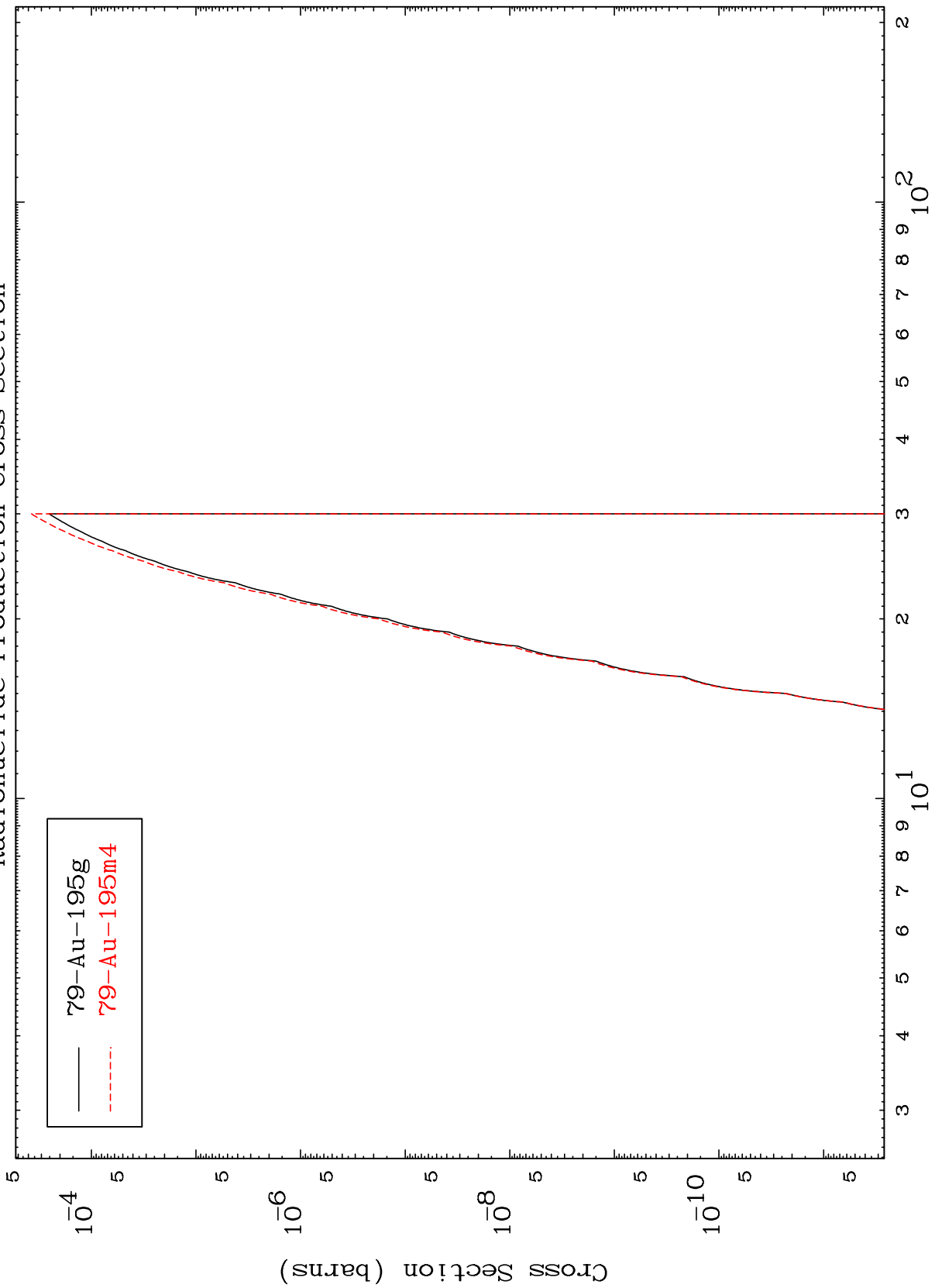
Incident Energy (MeV)

81-T1-197

MAT 8107

81-Tl-197

(n,He-3)
Radionuclide Production Cross Section



141

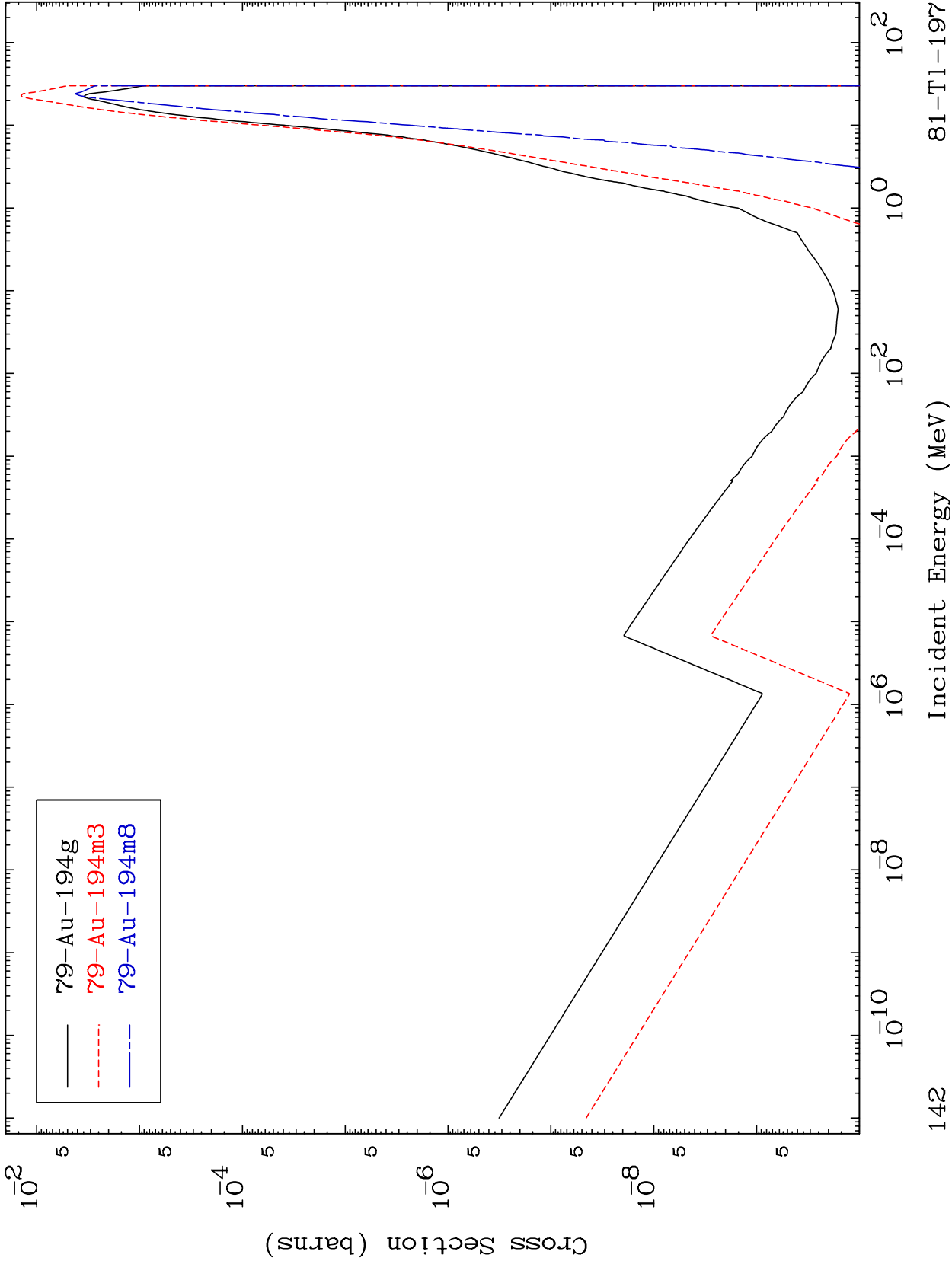
81-Tl-197

Incident Energy (MeV)

MAT 8107

Radionuclide Production Cross Section
(n, α)

81-Tl-197

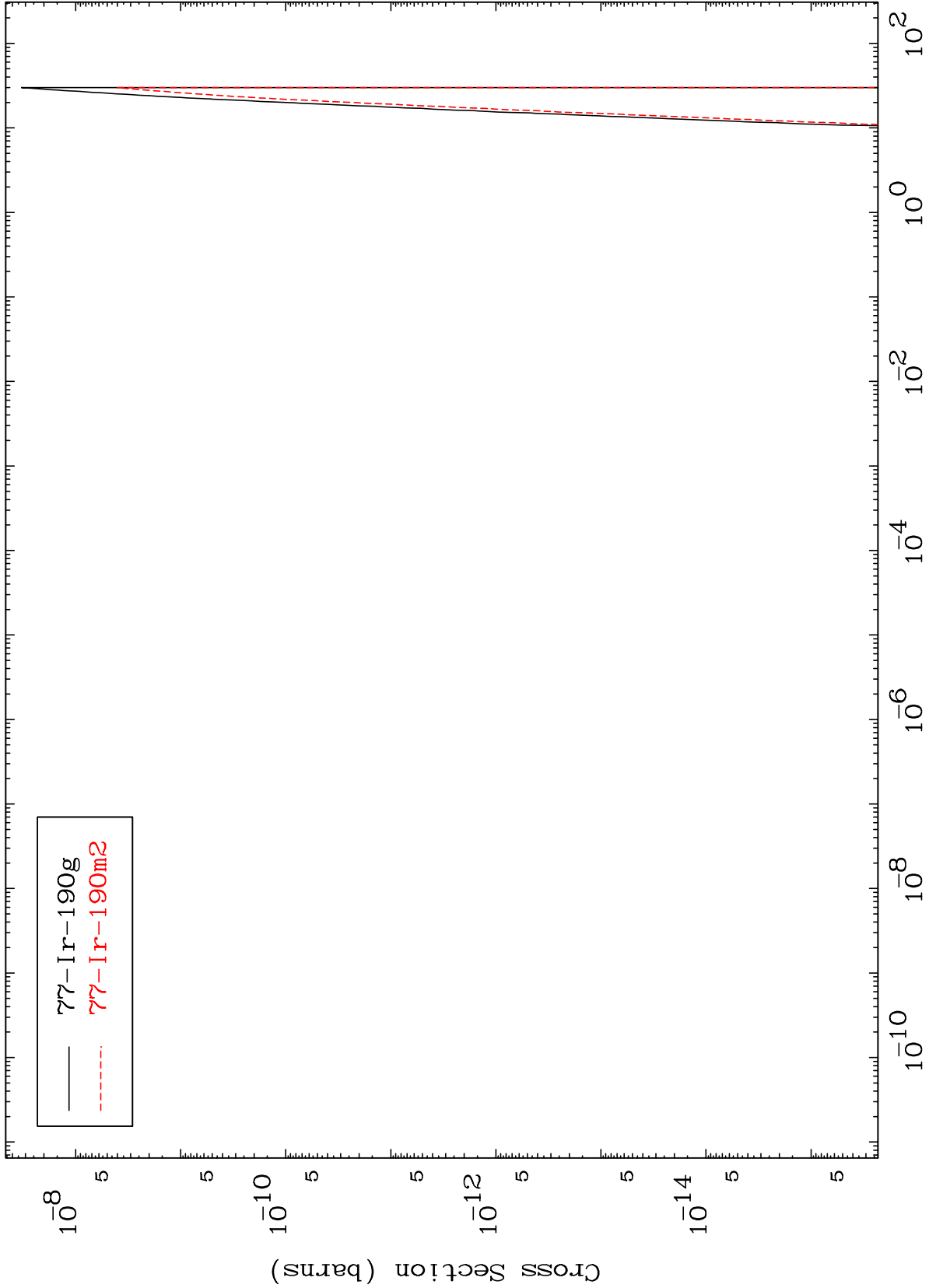


MAT 8107

(n,2α)

81-Tl-197

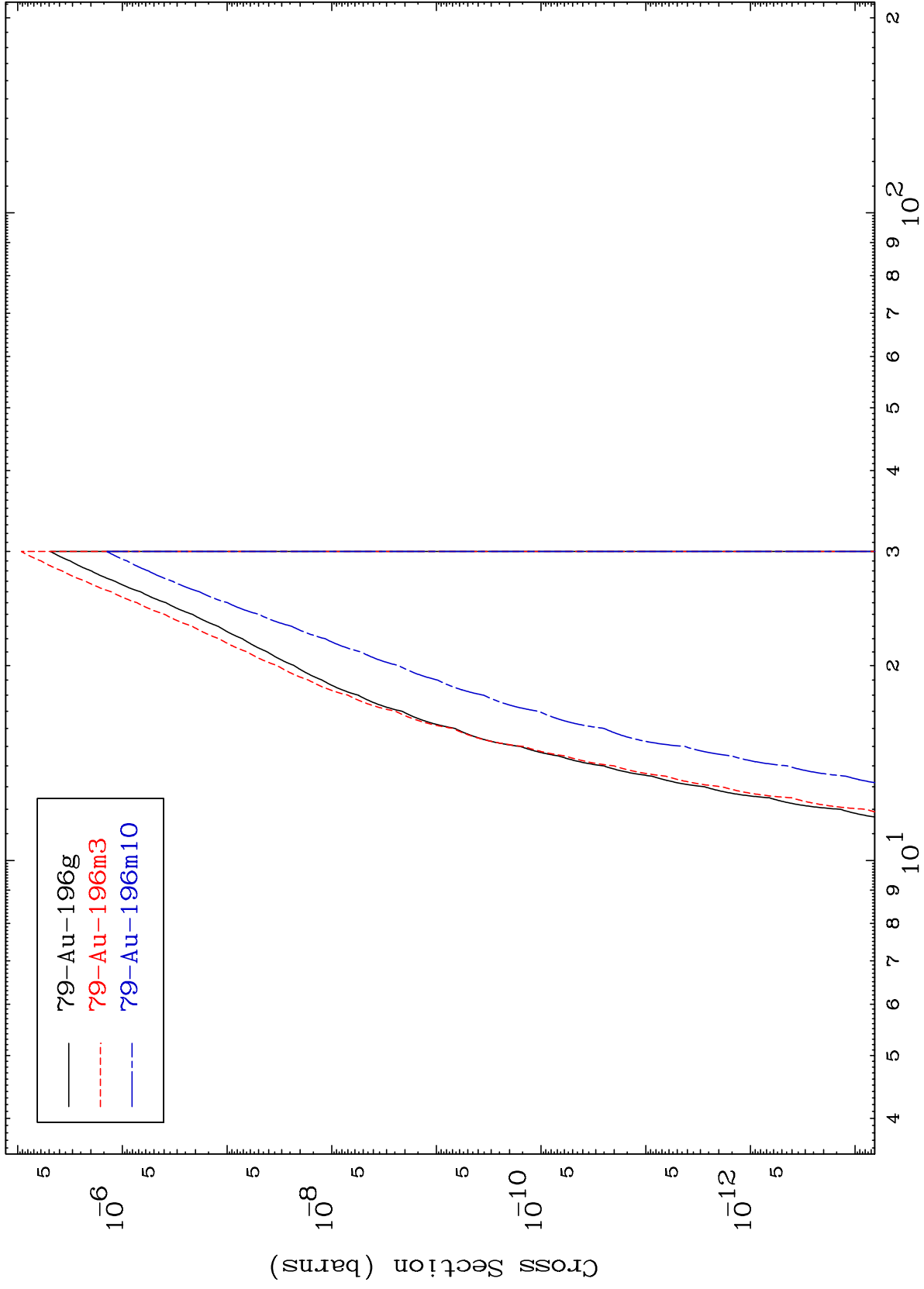
Radionuclide Production Cross Section



MAT 8107

81-Tl-197

(n,2p)
Radionuclide Production Cross Section



144

81-Tl-197

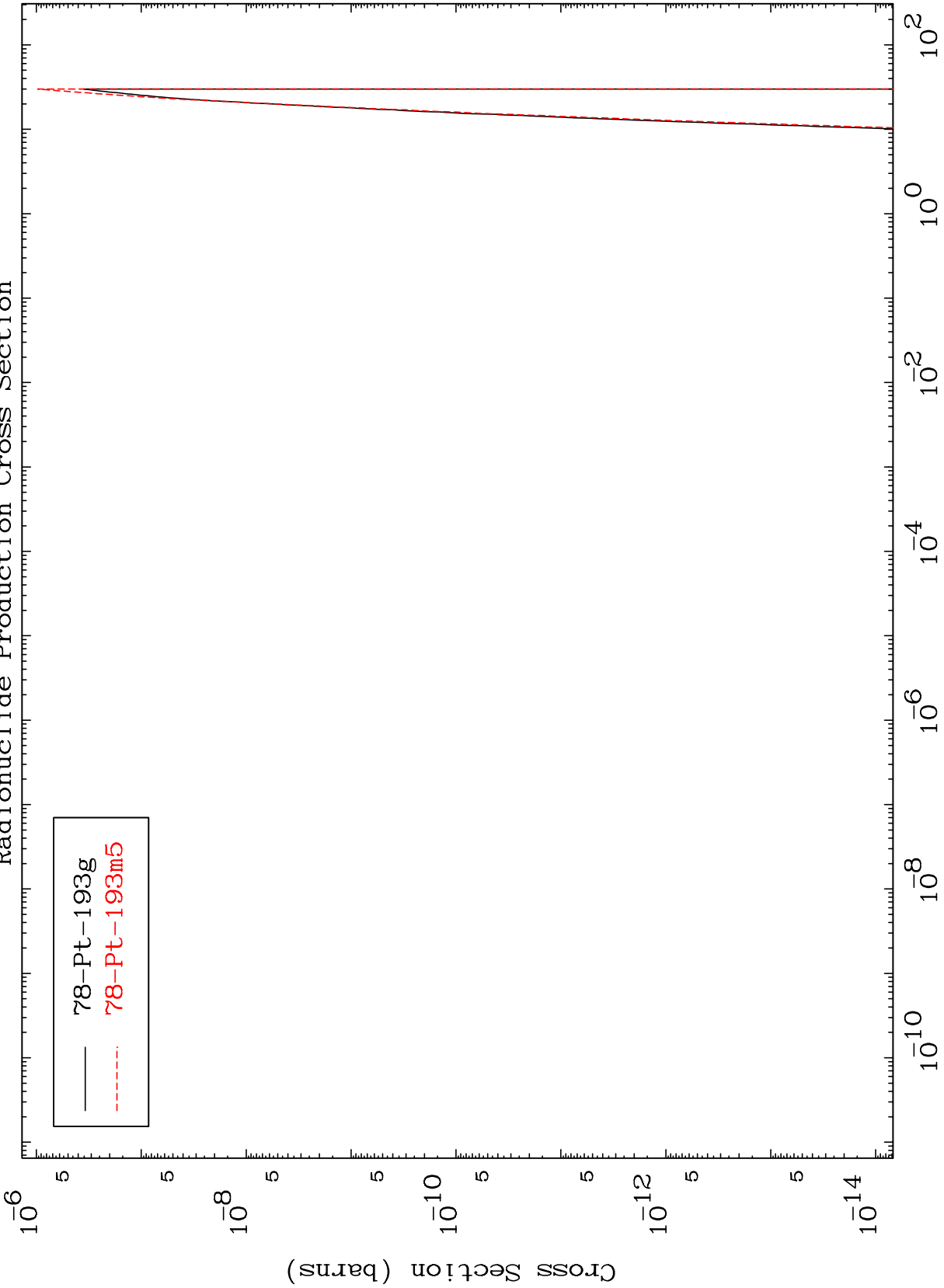
Incident Energy (MeV)

MAT 8107

(n,p) α

81-Tl-197

Radionuclide Production Cross Section

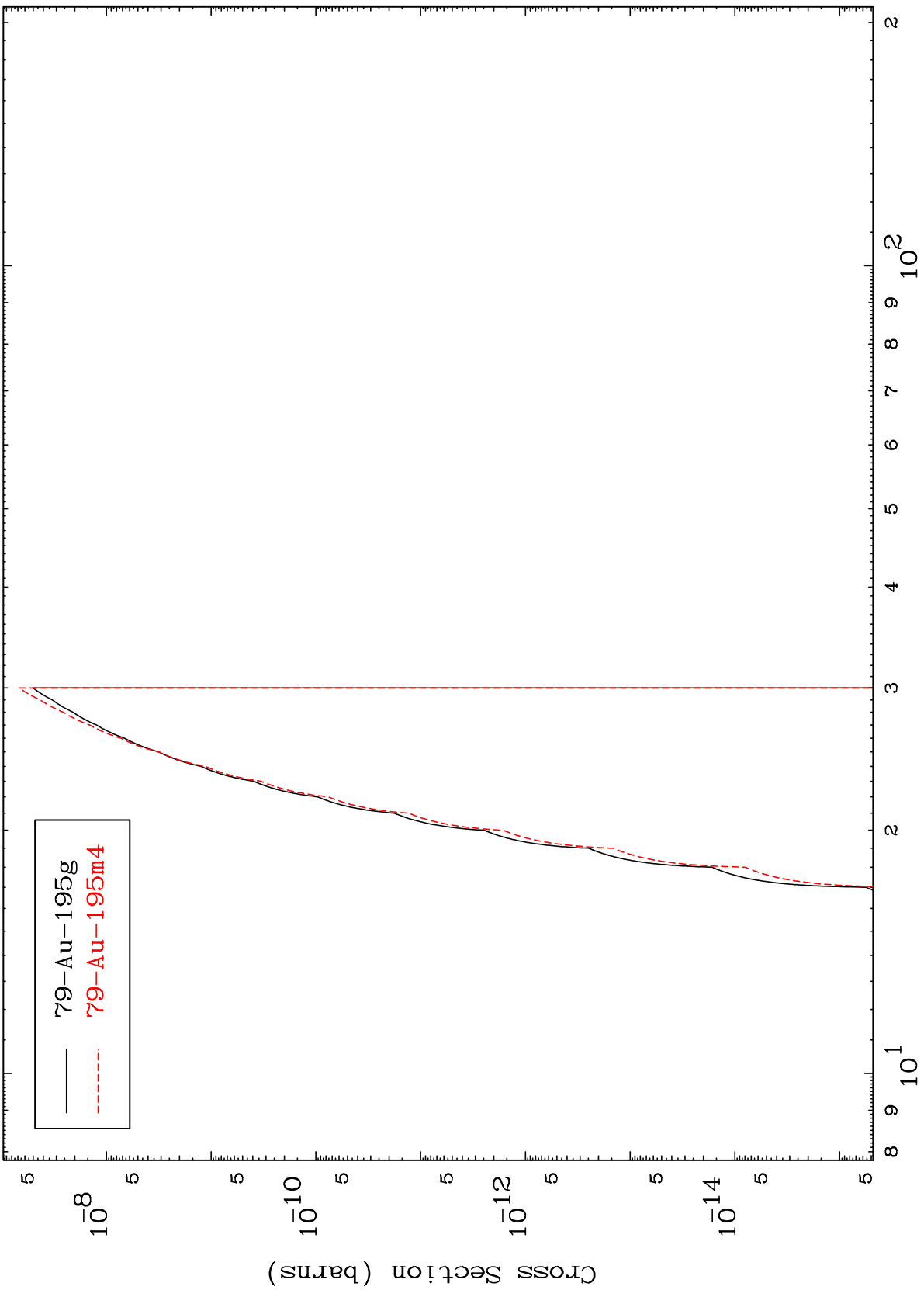


MAT 8107

(n,p) d

81-Tl-197

Radionuclide Production Cross Section



79-Au-195g
79-Au-195m4

146

Incident Energy (MeV)

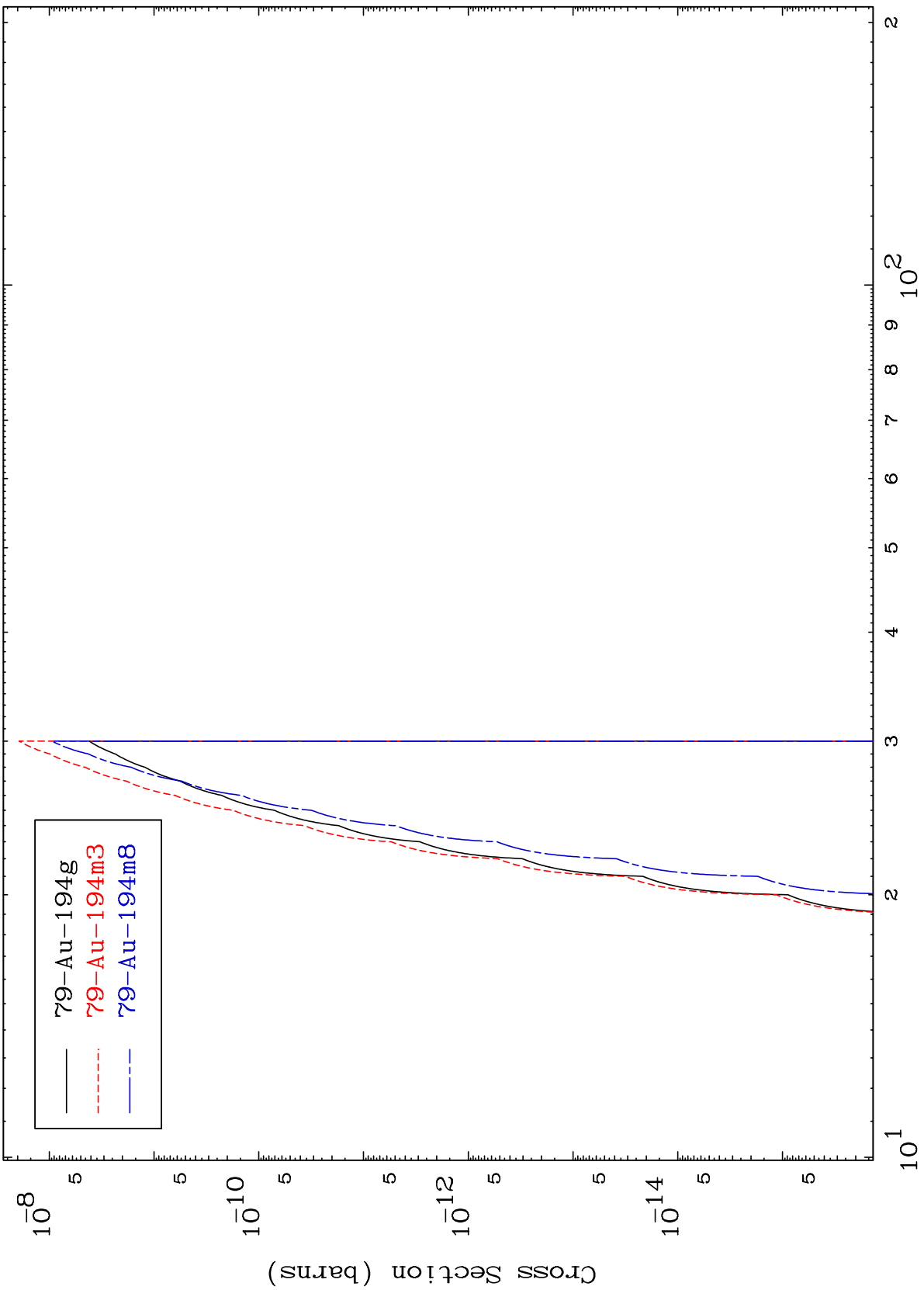
81-Tl-197

MAT 8107

(n,p) t

81-Tl-197

Radionuclide Production Cross Section



147

Incident Energy (MeV)

81-Tl-197