

Program EVALPLOT
(Version 2018-1)

by

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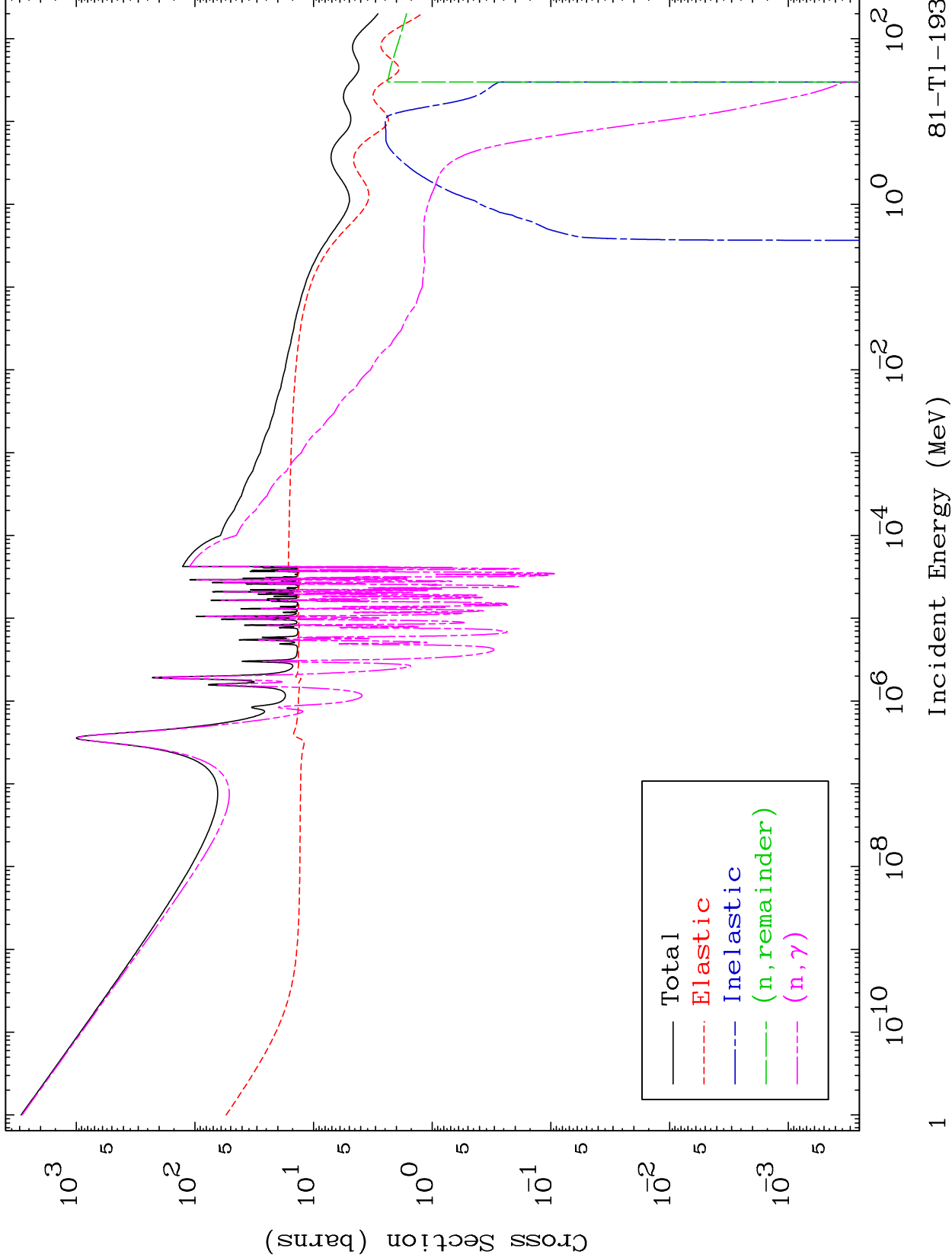
Press Mouse Button to Start

MAT 8095

Major

293 Kelvin Cross Sections

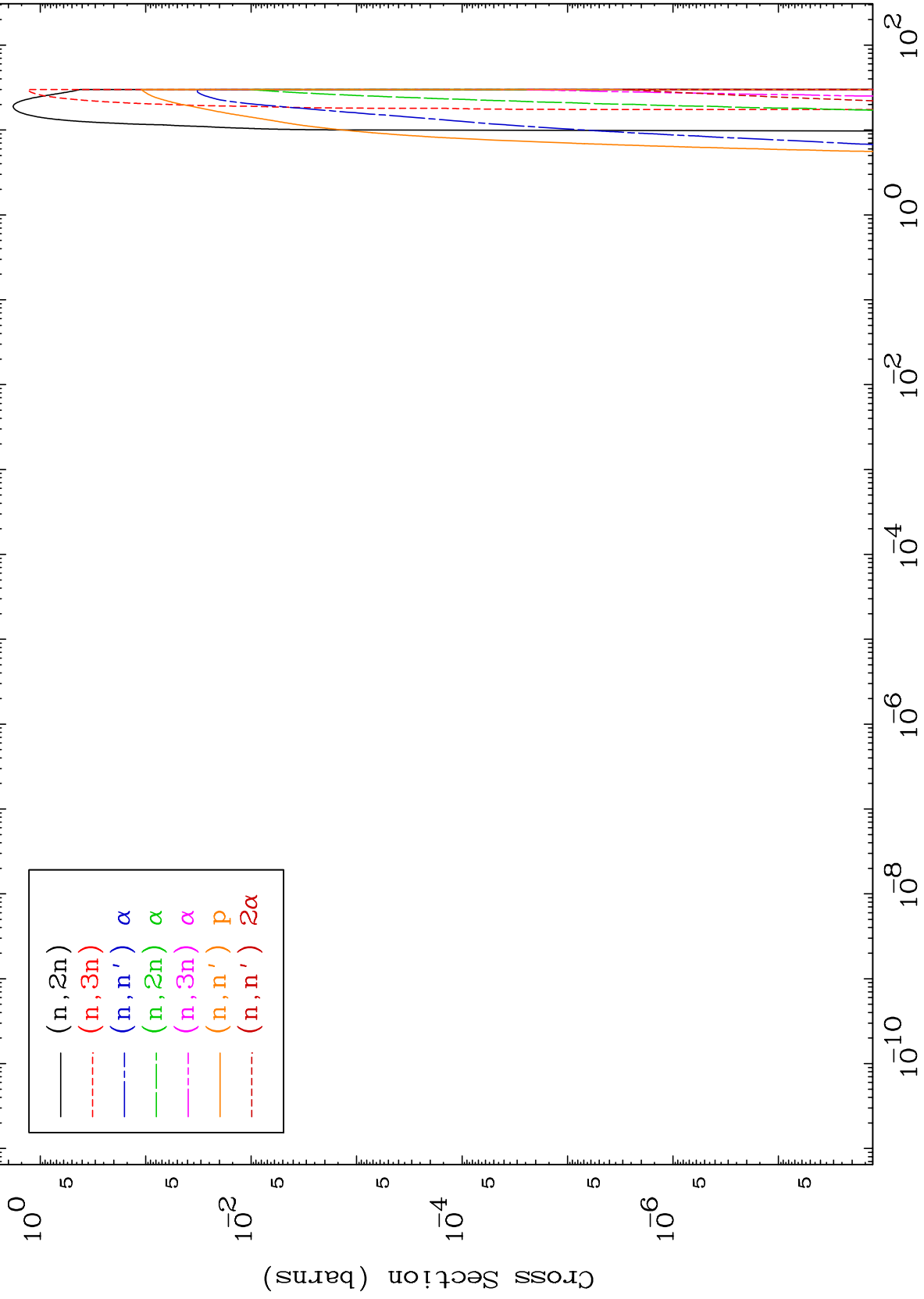
81-Tl-193



MAT 8095

Neutron Production
293 Kelvin Cross Sections

81-Tl-193

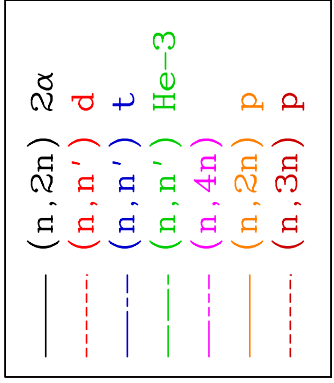
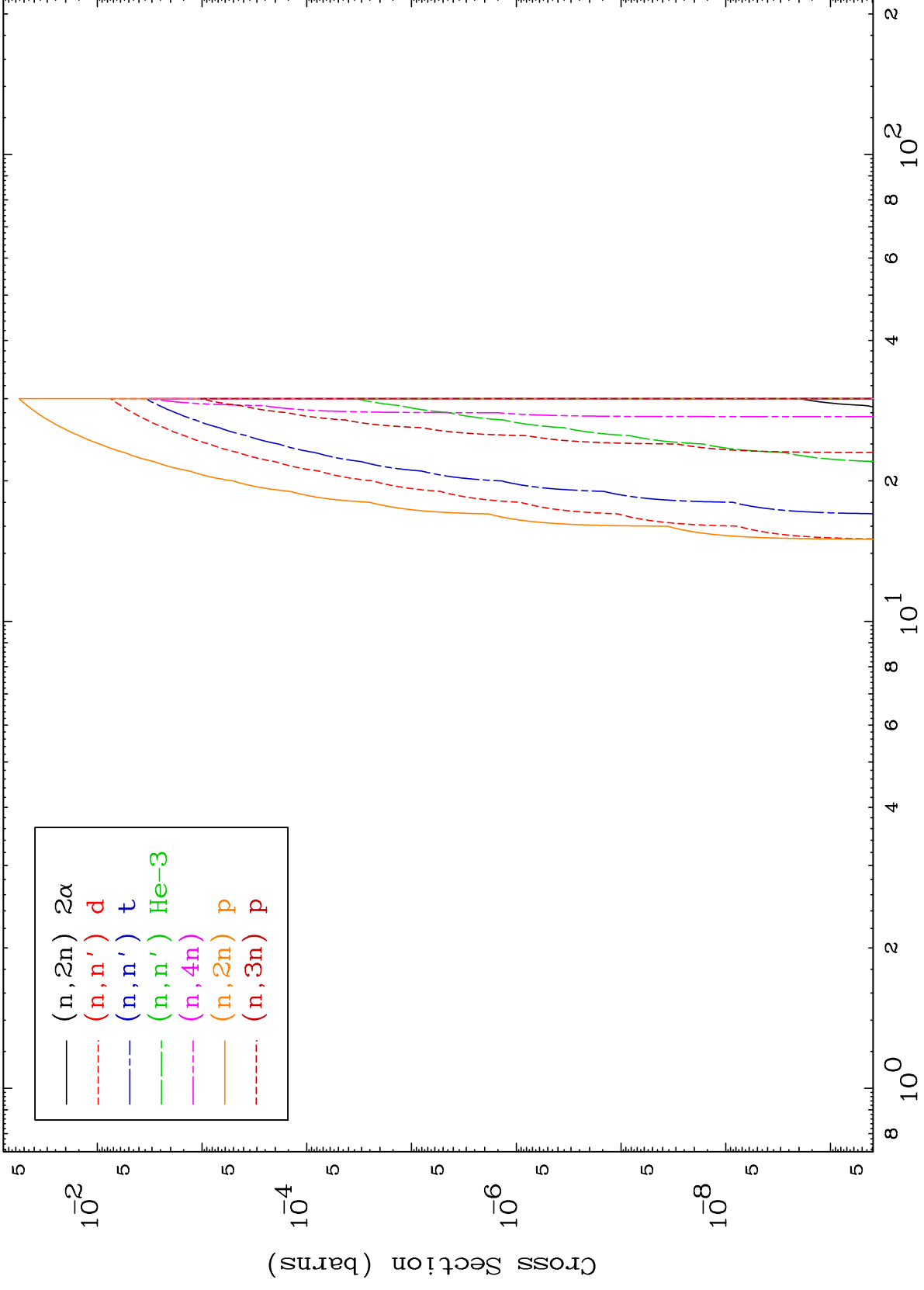


81-Tl-193

MAT 8095

Neutron Production
293 Kelvin Cross Sections

81-Tl-193



81-Tl-193

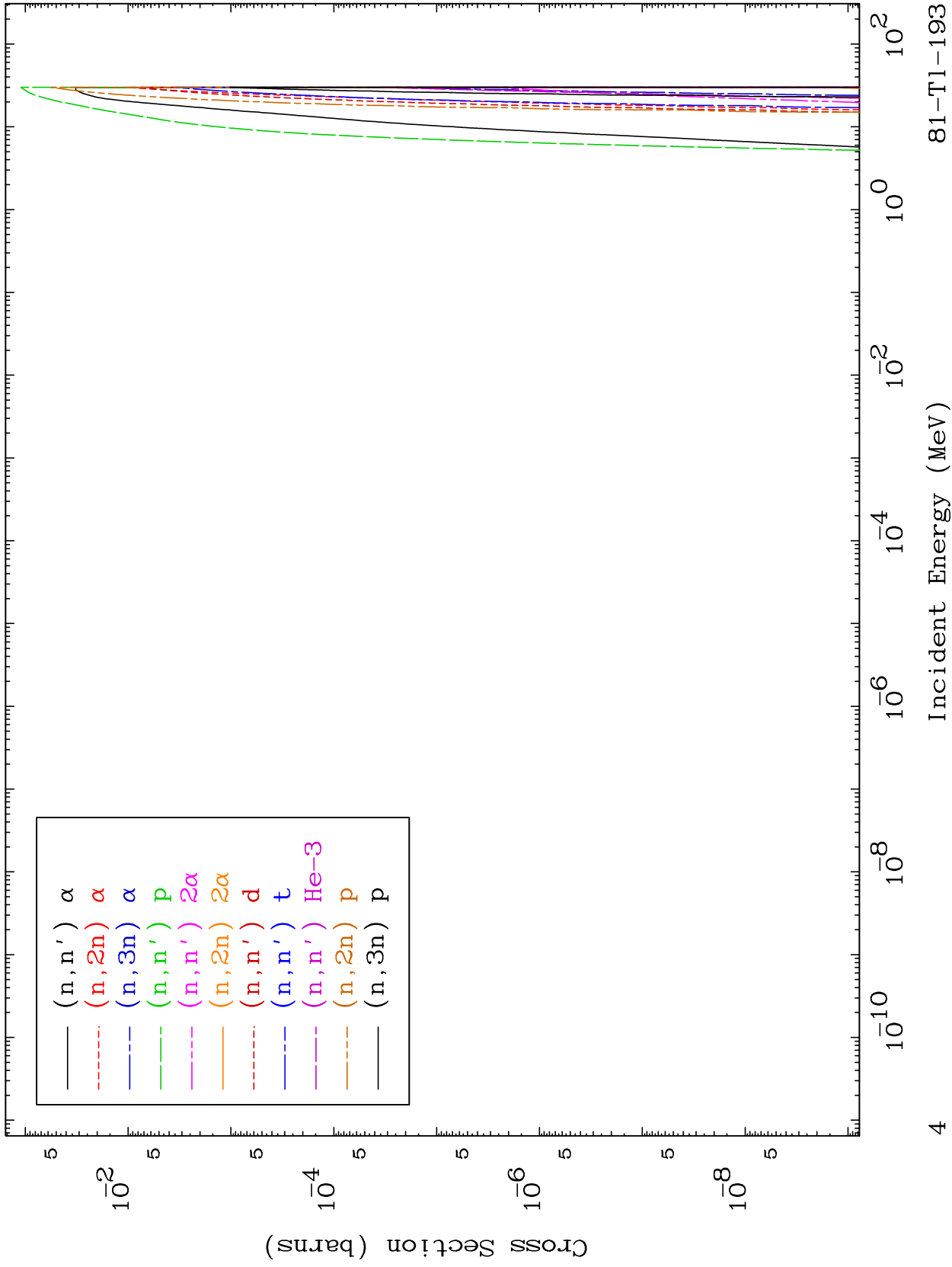
Incident Energy (MeV)

3

MAT 8095

Charged Particle
293 Kelvin Cross Sections

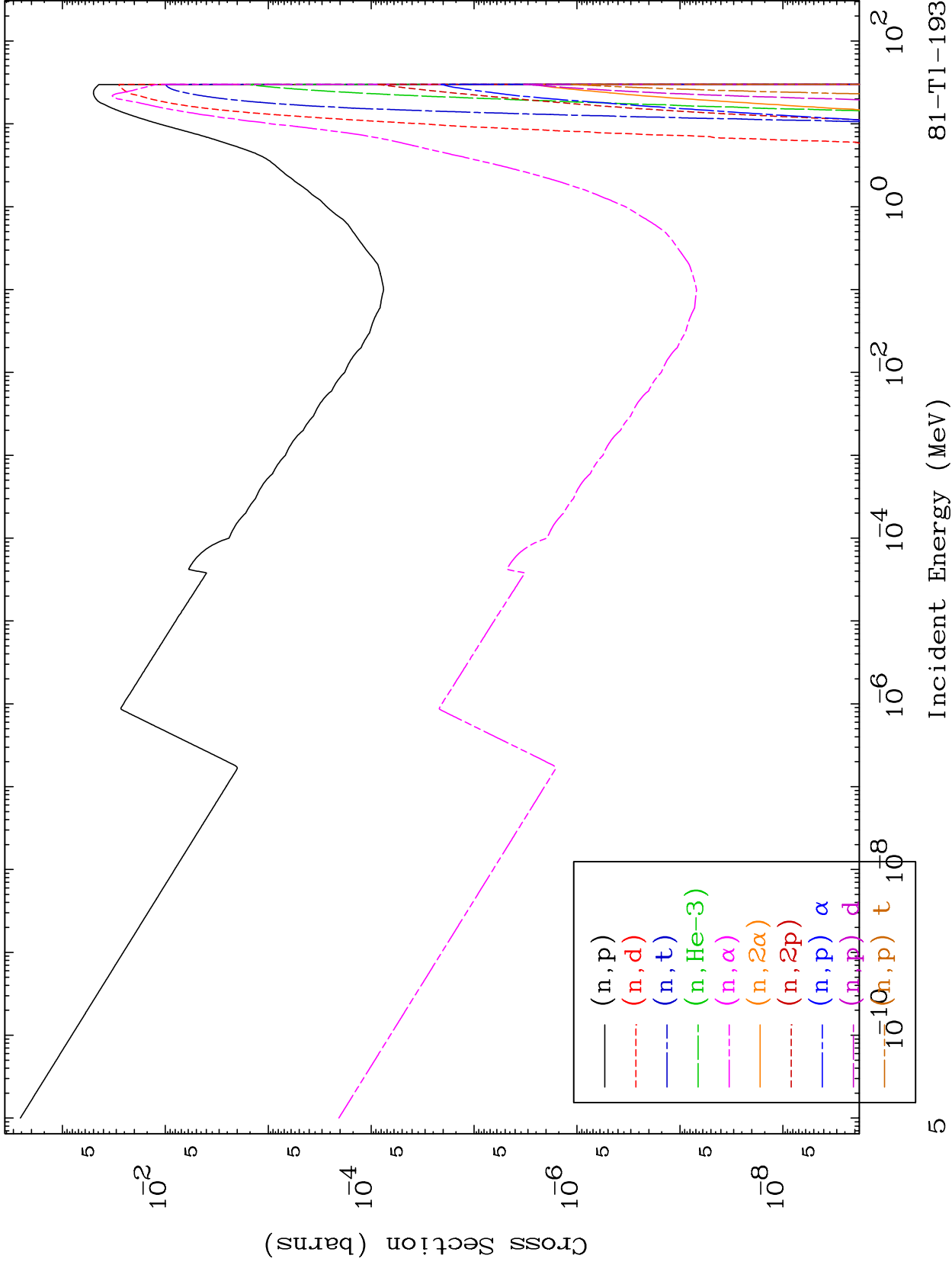
81-Tl-193



MAT 8095

Charged Particle
293 Kelvin Cross Sections

81-Tl-193



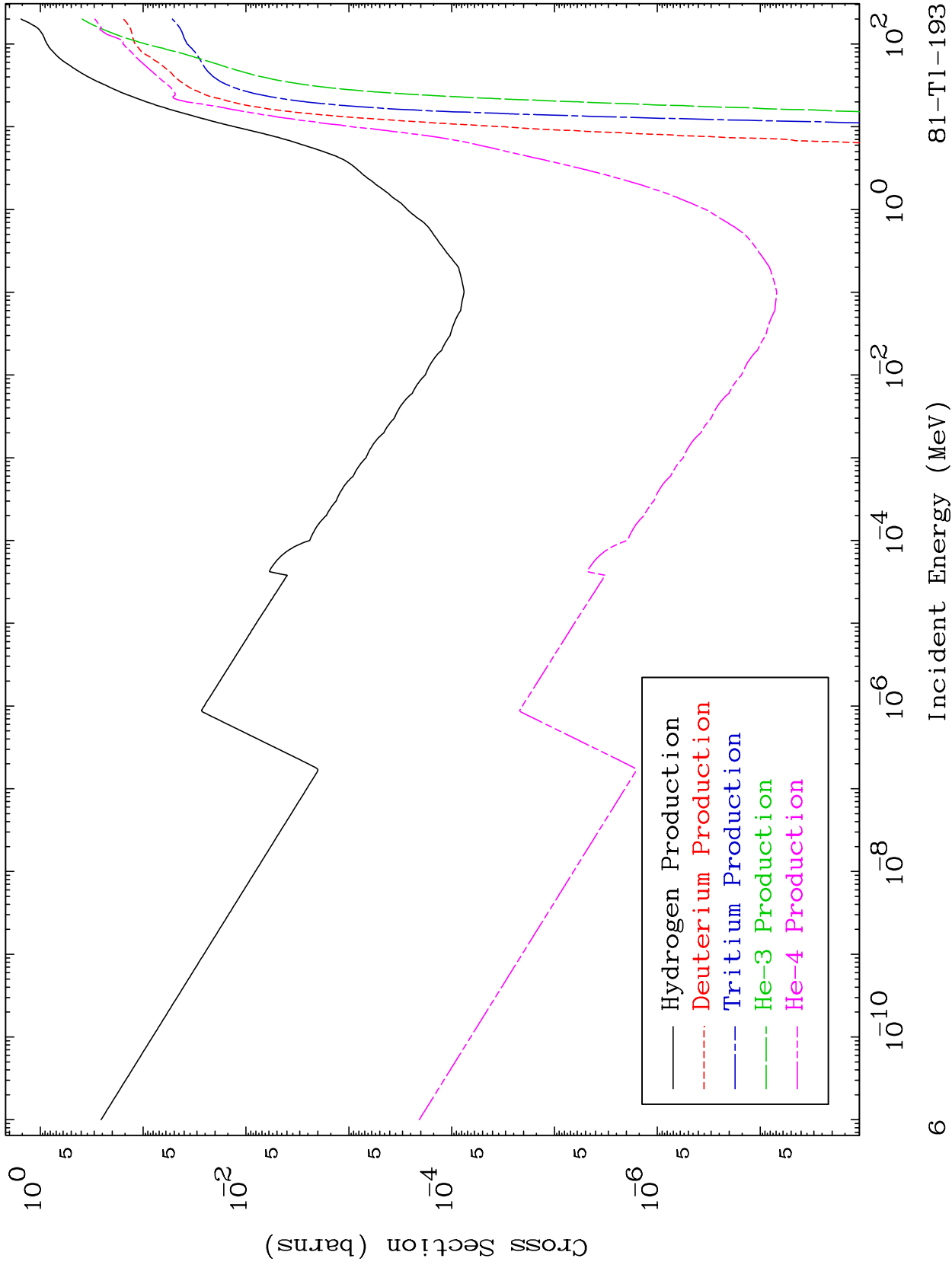
5

81-Tl-193

MAT 8095

Particle Production
293 Kelvin Cross Sections

81-Tl-193

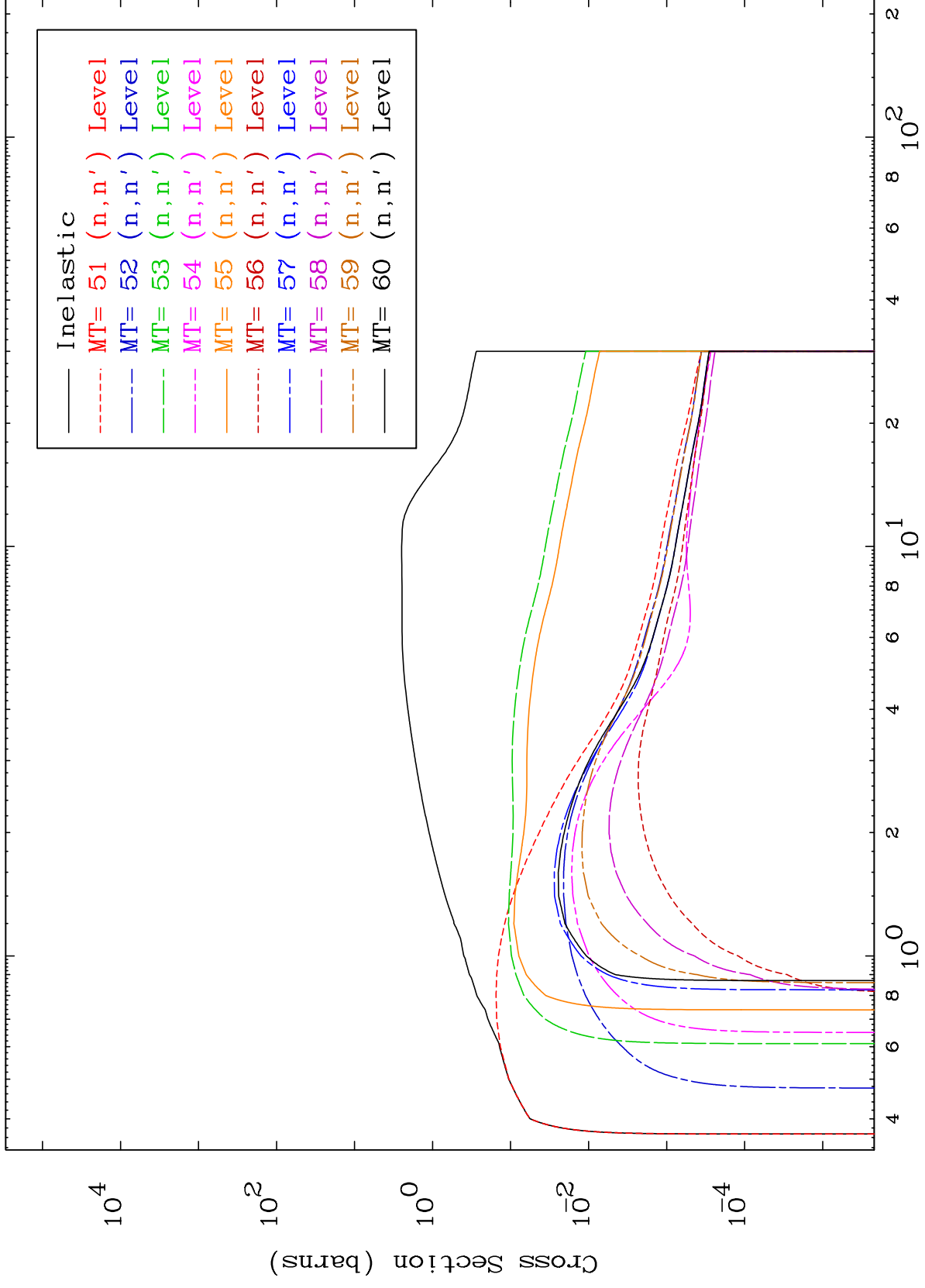


MAT 8095

(n,n') Level

81-Tl-193

293 Kelvin Cross Sections

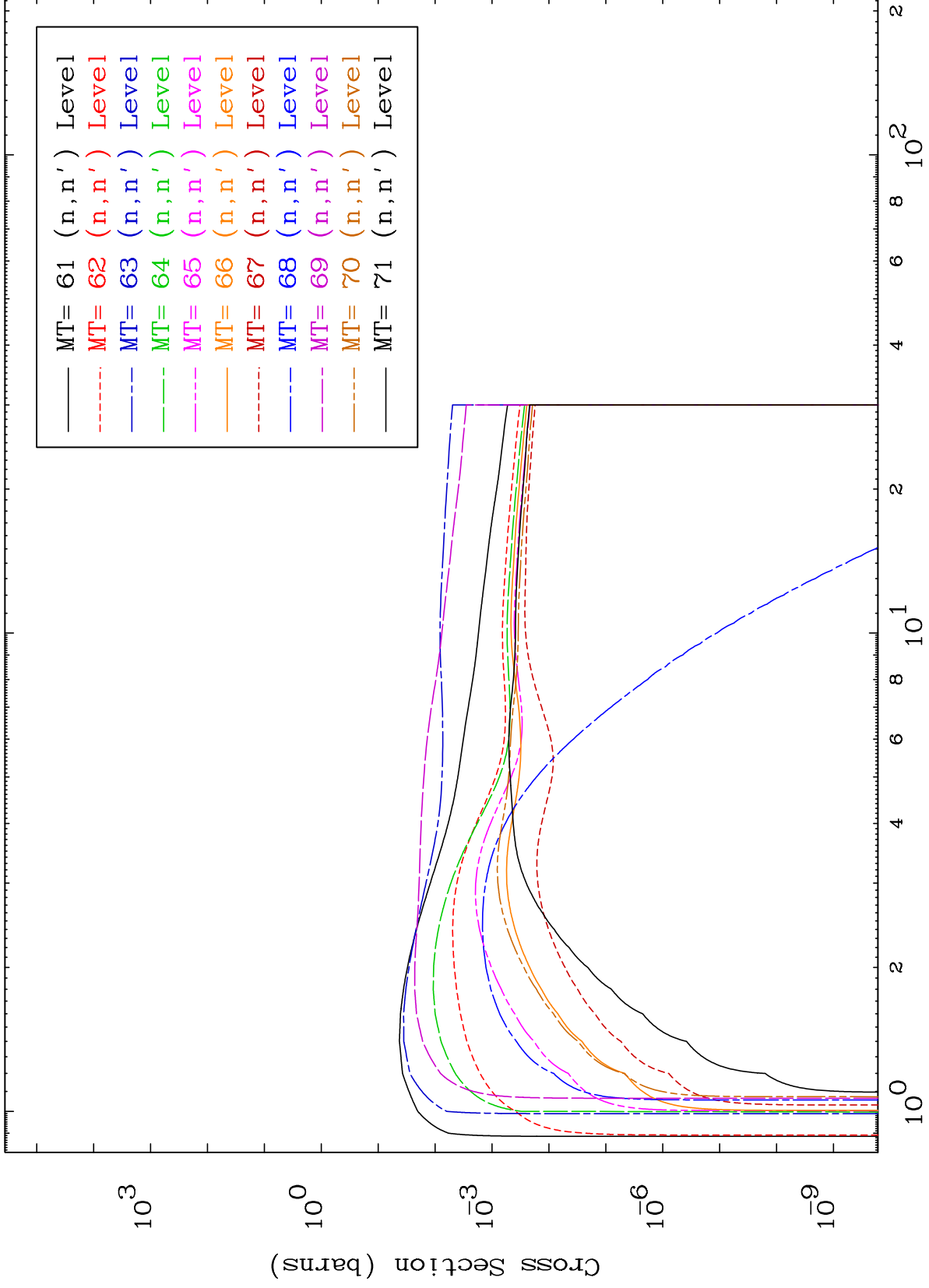


MAT 8095

(n,n') Level

81-Tl-193

293 Kelvin Cross Sections



8

Incident Energy (MeV)

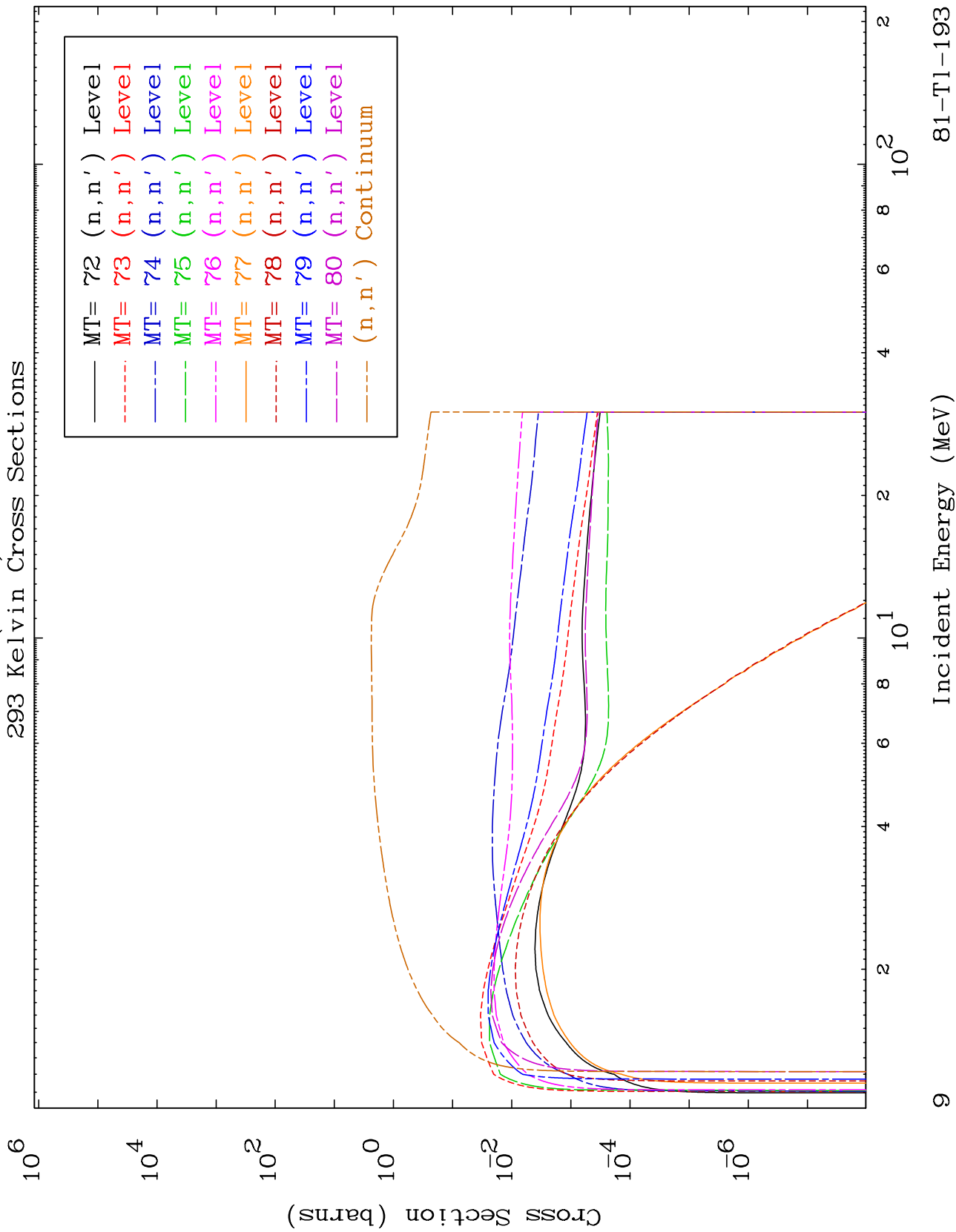
81-Tl-193

MAT 8095

(n,n') Level

293 Kelvin Cross Sections

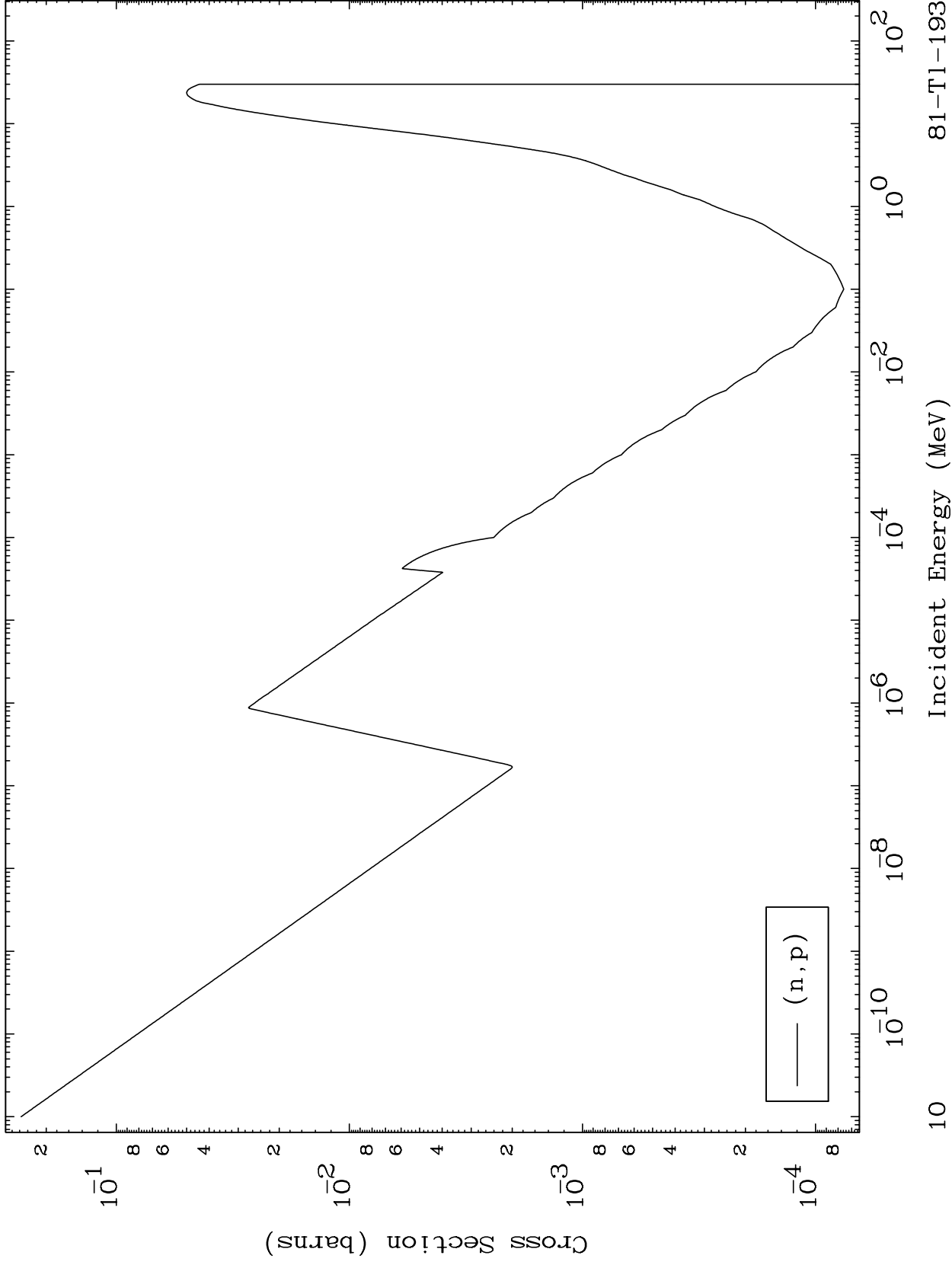
81-Tl-193



MAT 8095

(n,p) Levels
293 Kelvin Cross Sections

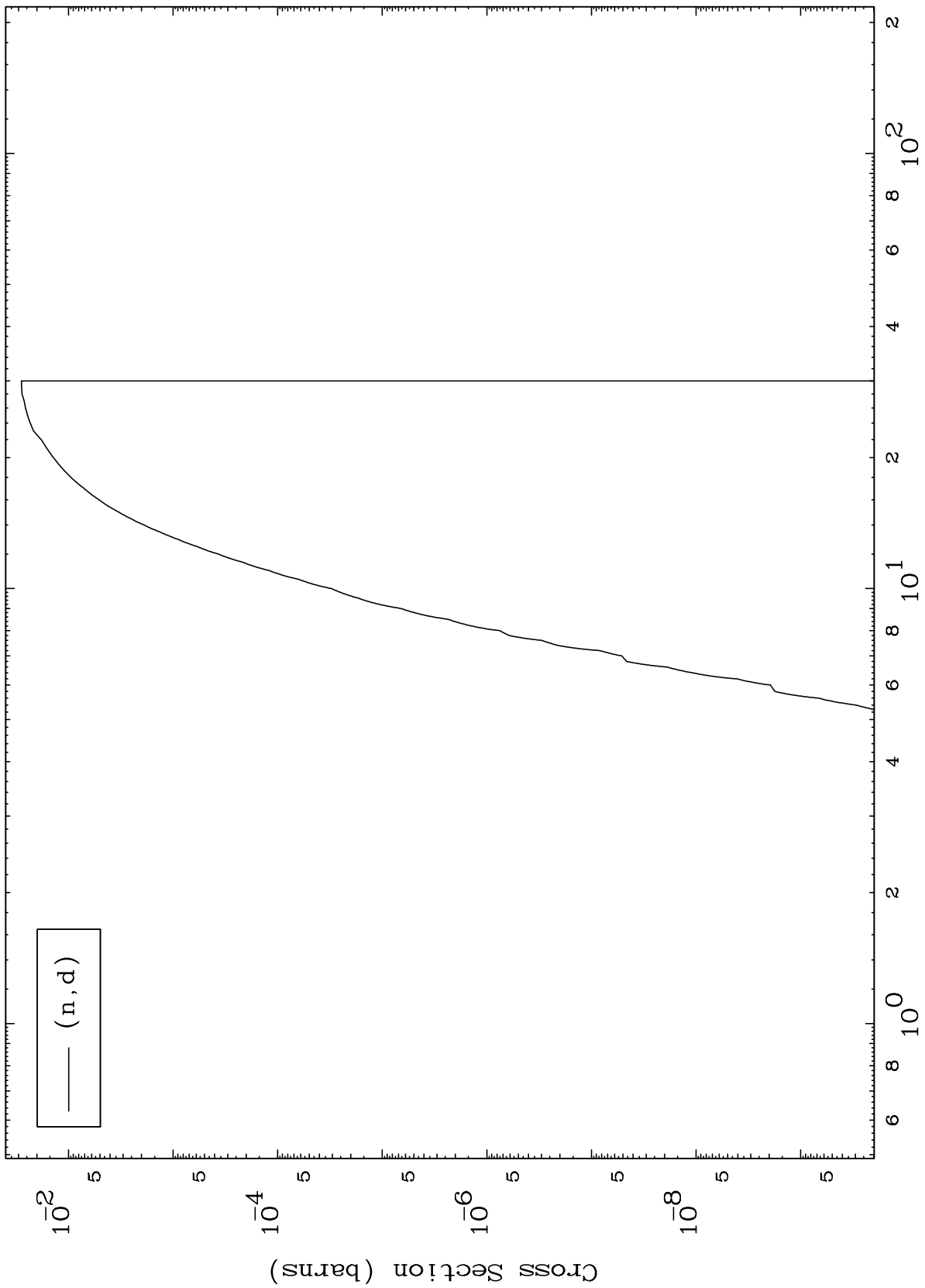
81-Tl-193



MAT 8095

(n,d) Levels
293 Kelvin Cross Sections

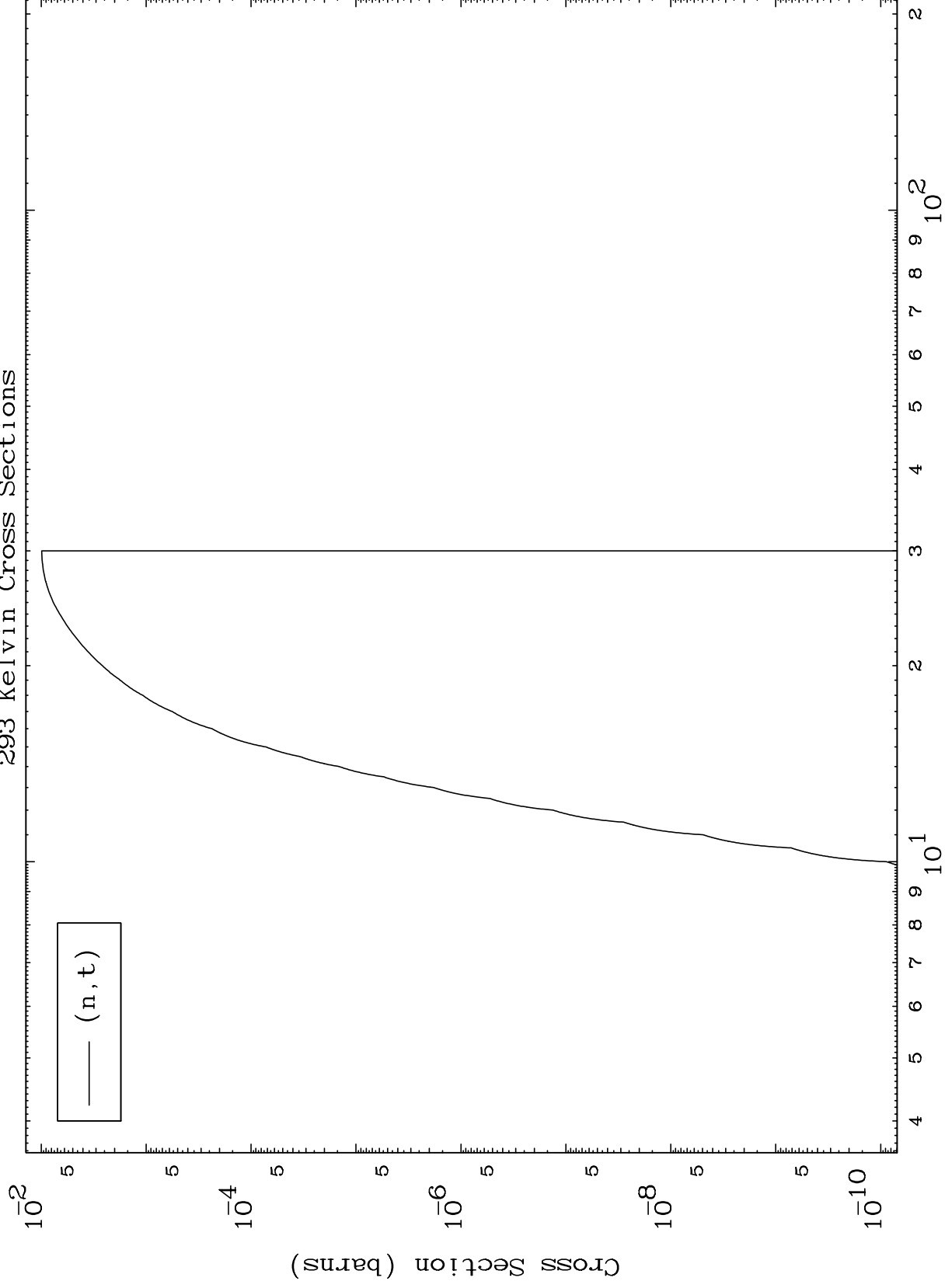
81-Tl-193



MAT 8095

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-193



12

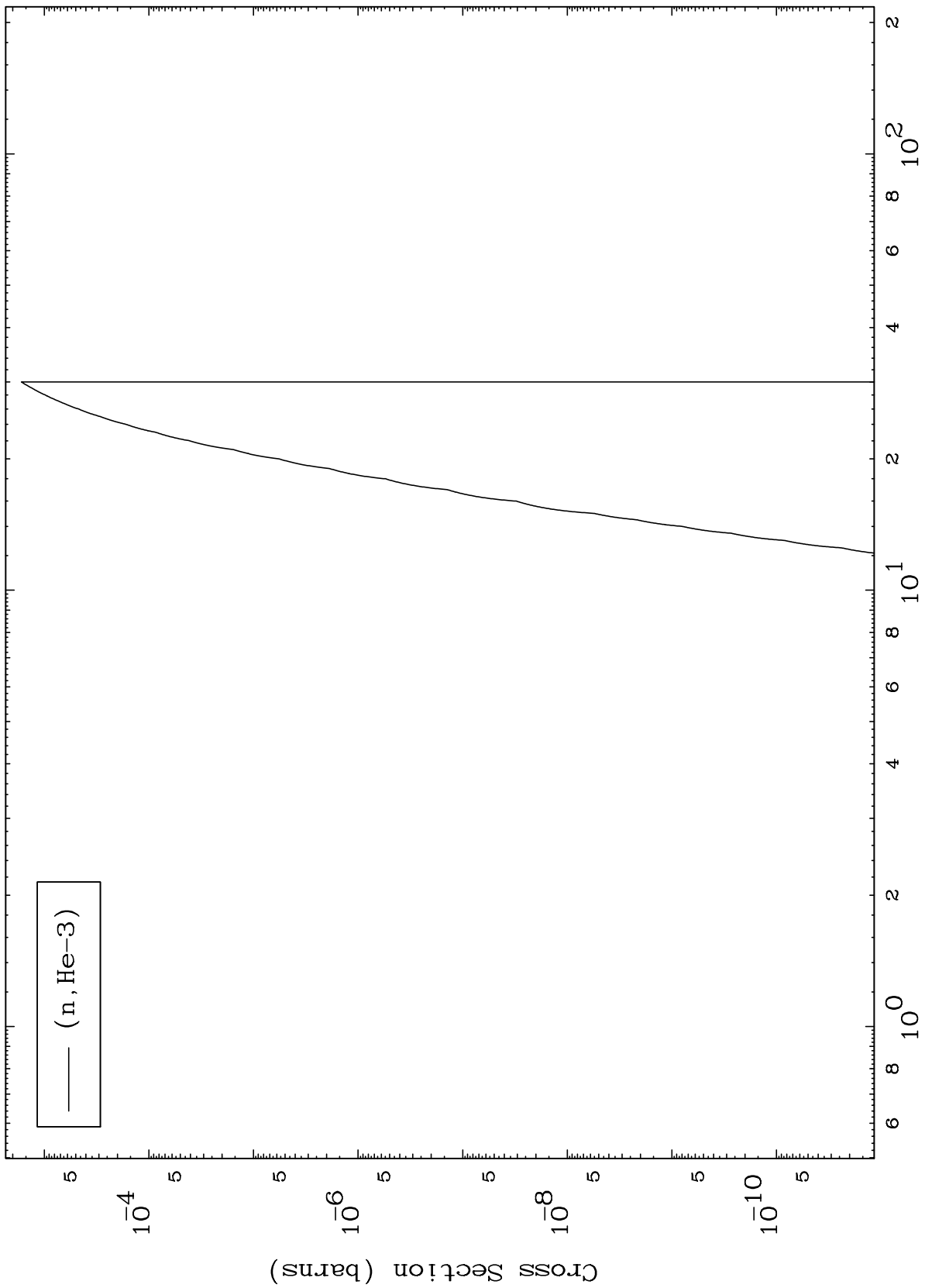
Incident Energy (MeV)

81-Tl-193

MAT 8095

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-193



13

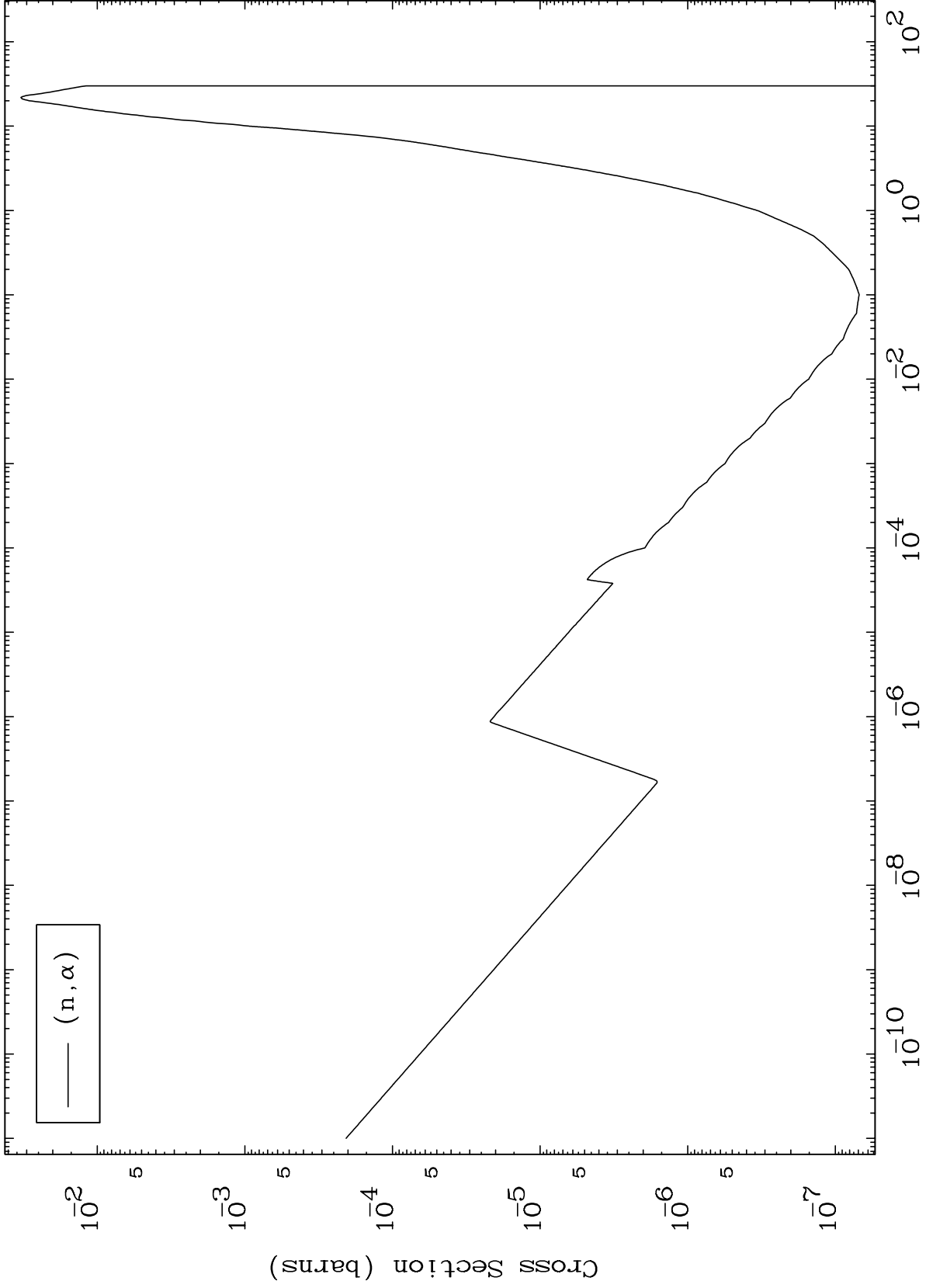
Incident Energy (MeV)

81-T1-193

MAT 8095

(n, α) Levels
293 Kelvin Cross Sections

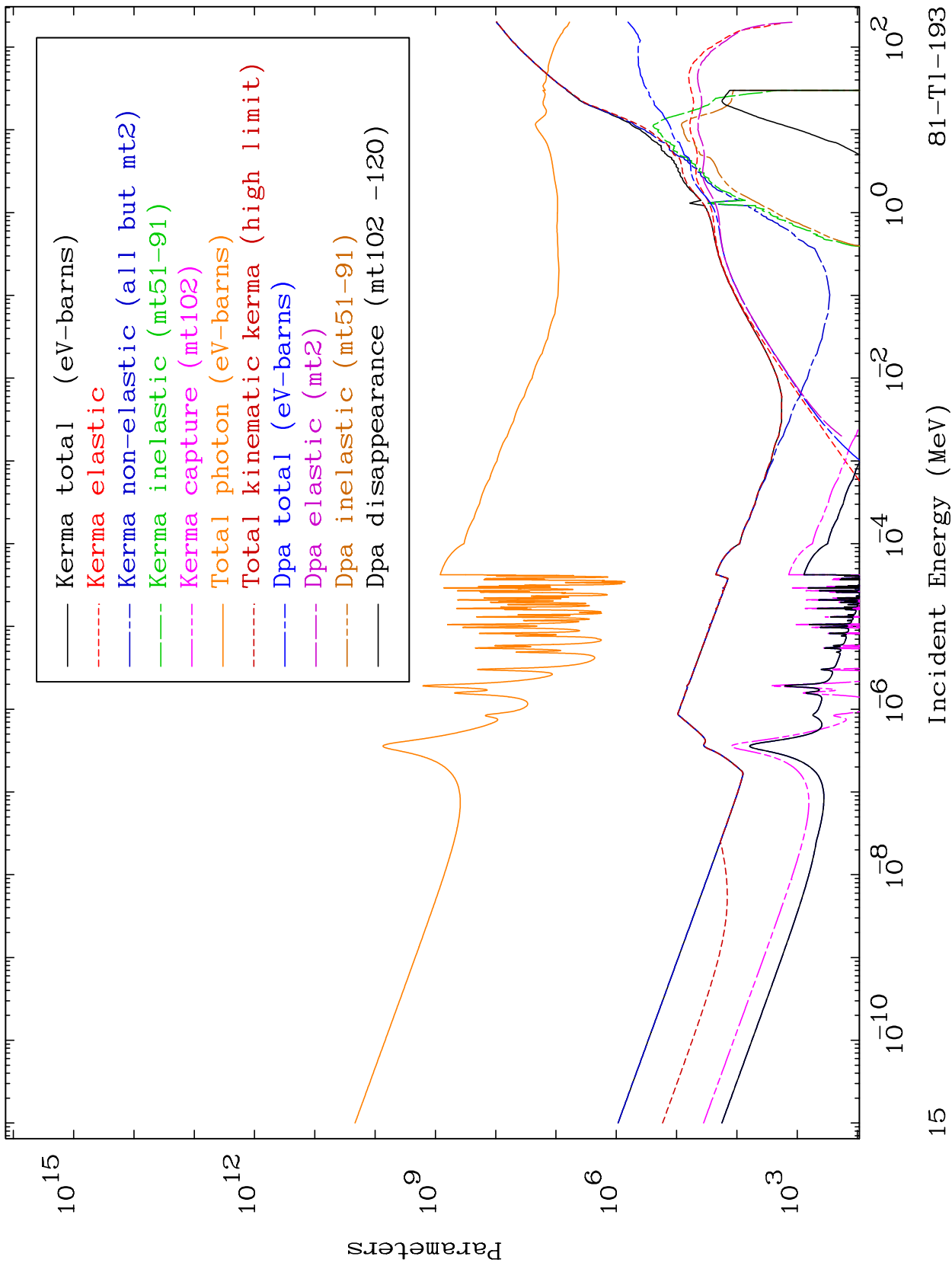
81-Tl-193



14

Incident Energy (MeV)

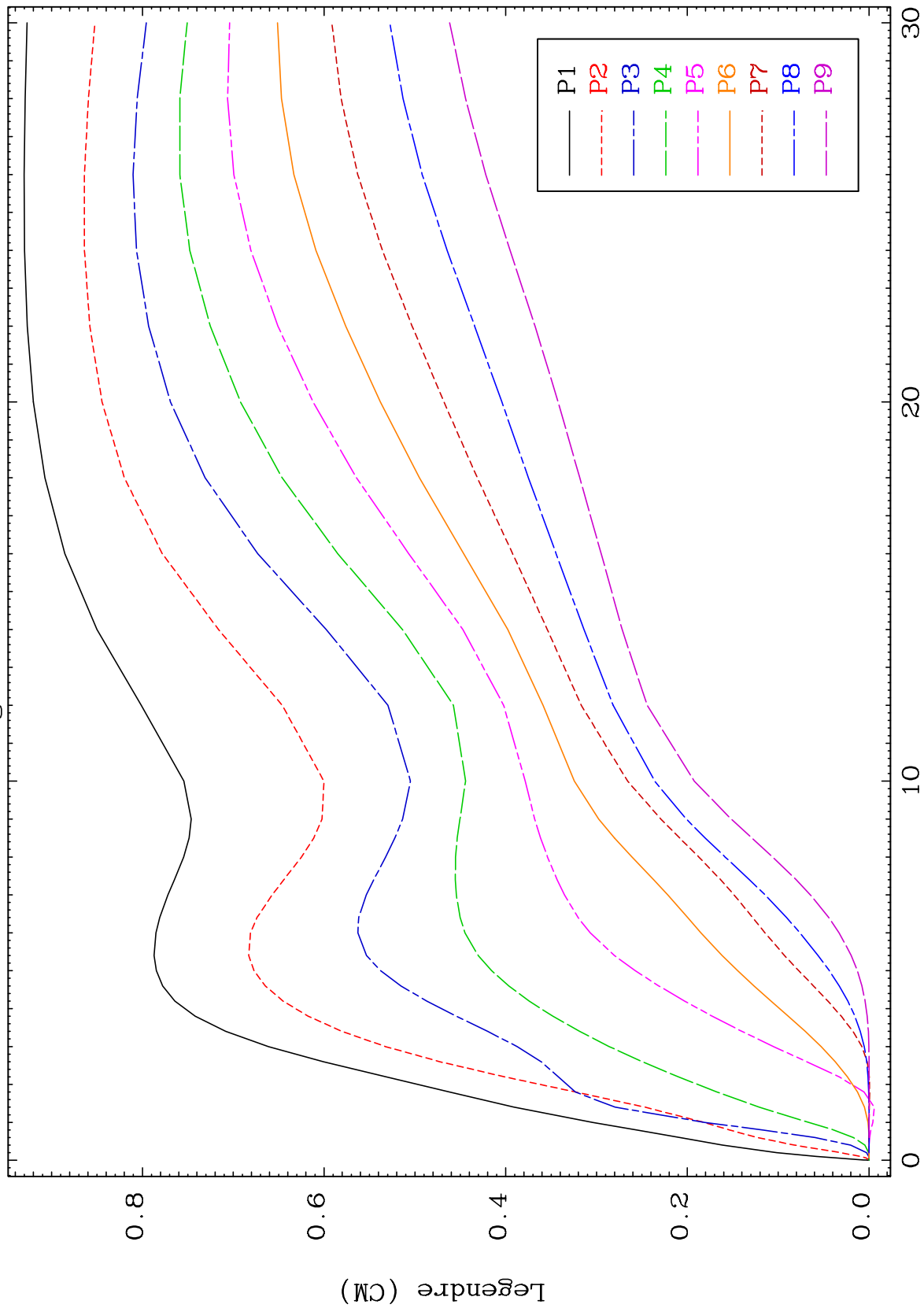
81-Tl-193



MAT 8095

Elastic Legendre Coefficients

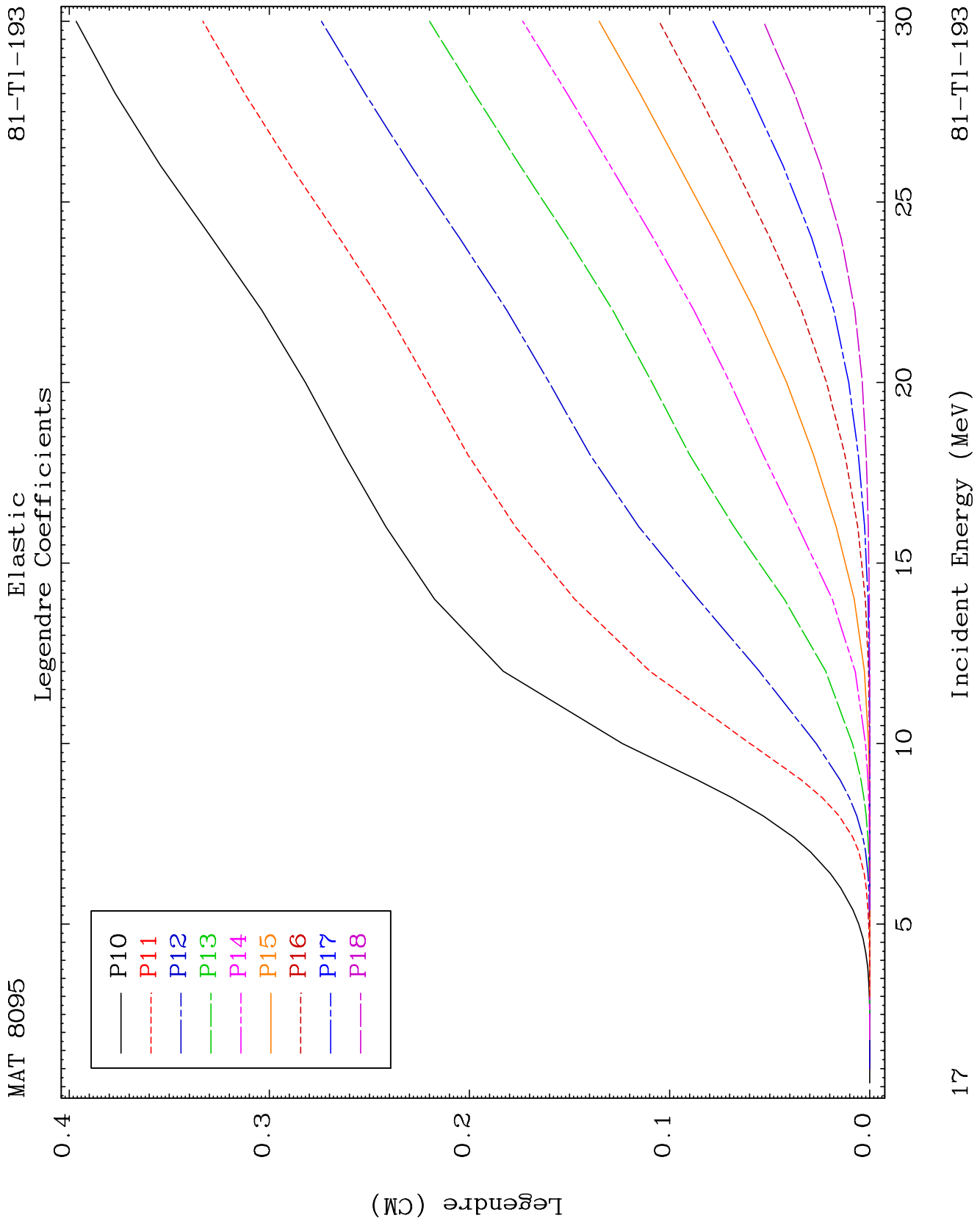
81-T1-193



16

Incident Energy (MeV)

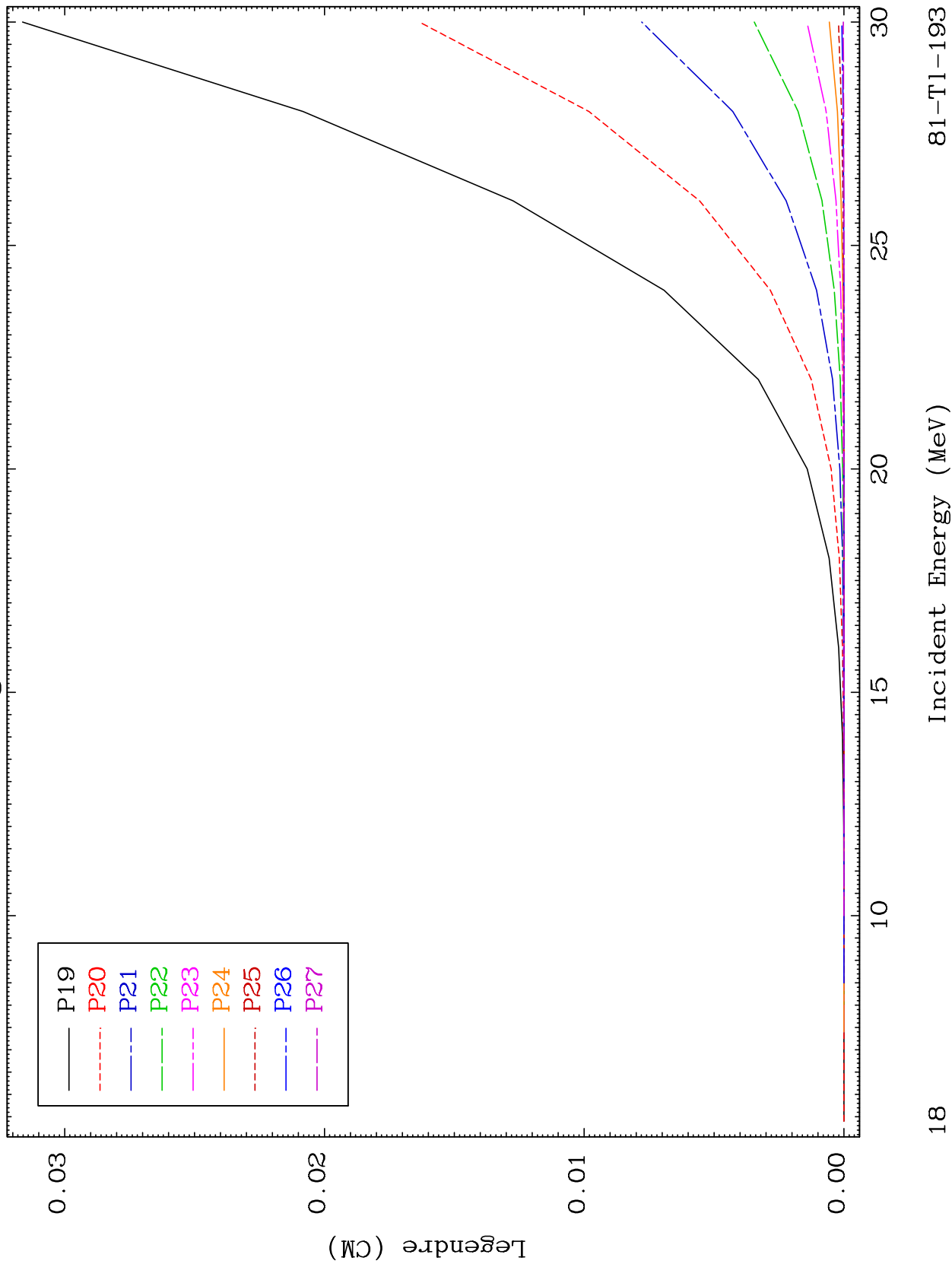
81-T1-193



MAT 8095

Elastic Legendre Coefficients

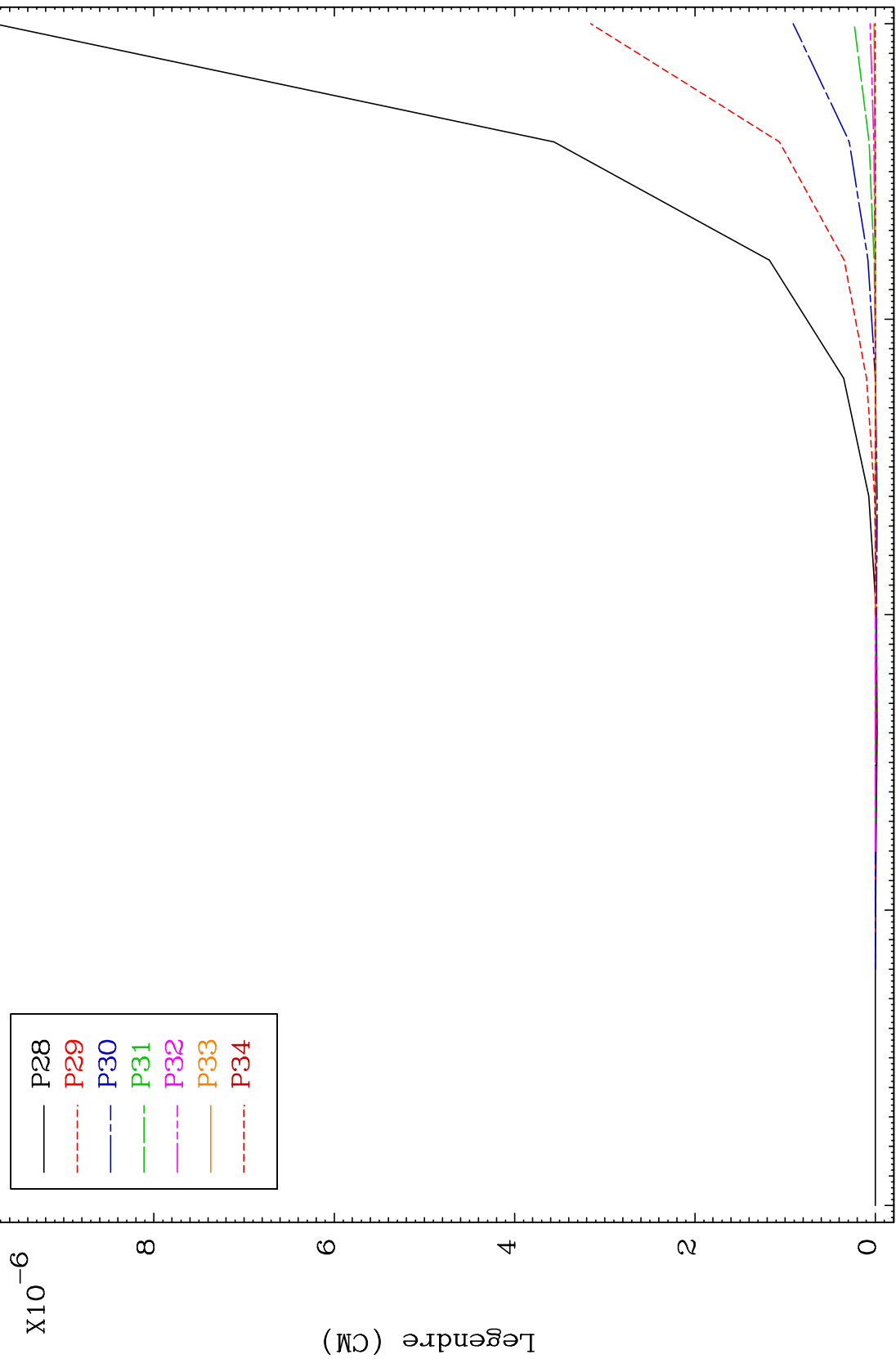
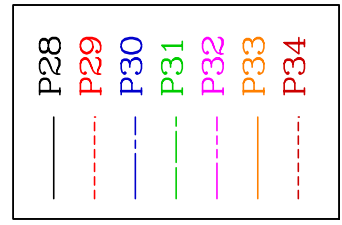
81-Tl-193



MAT 8095

Elastic Legendre Coefficients

81-T1-193



19

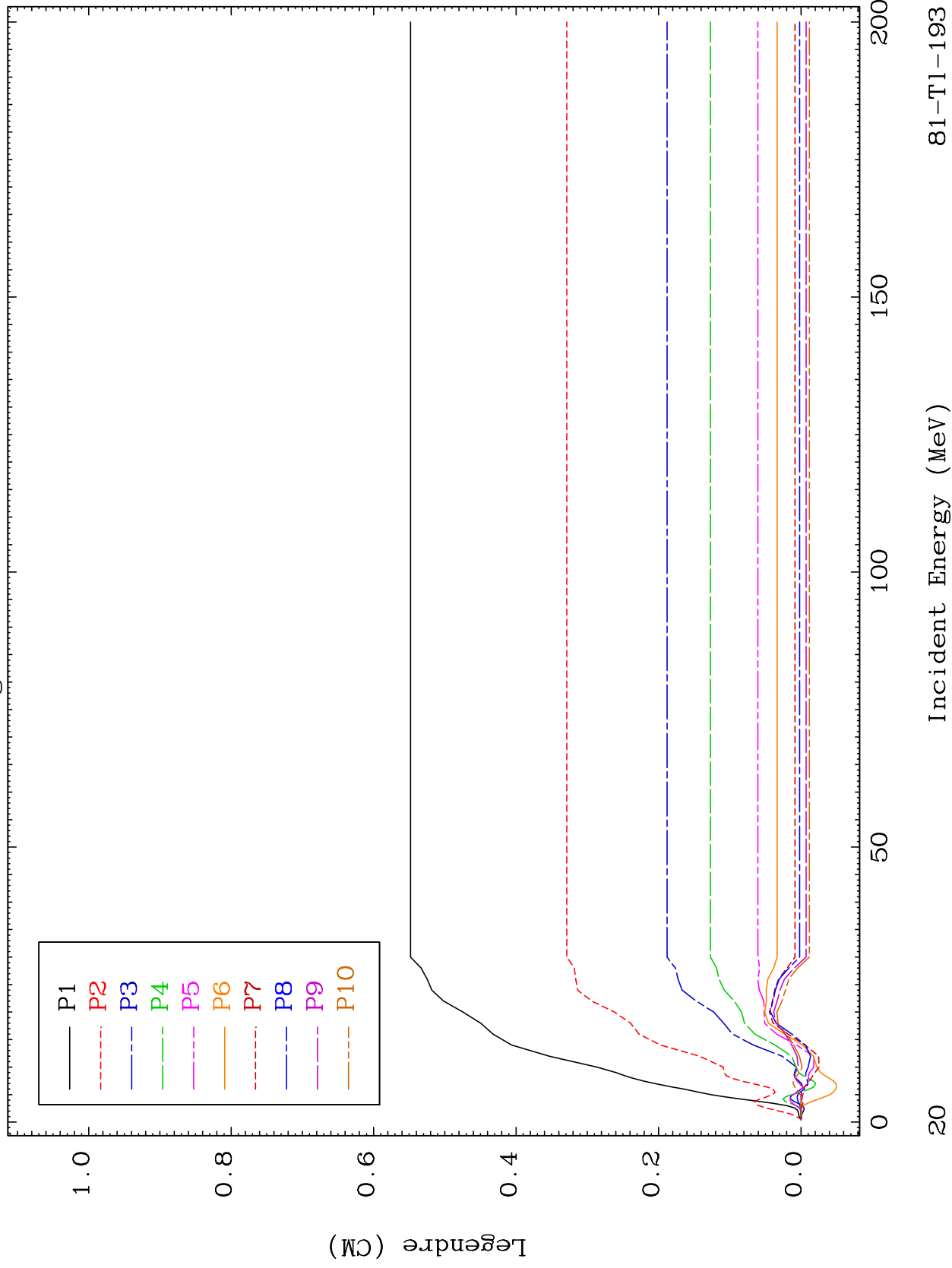
Incident Energy (MeV)

81-T1-193

MAT 8095

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

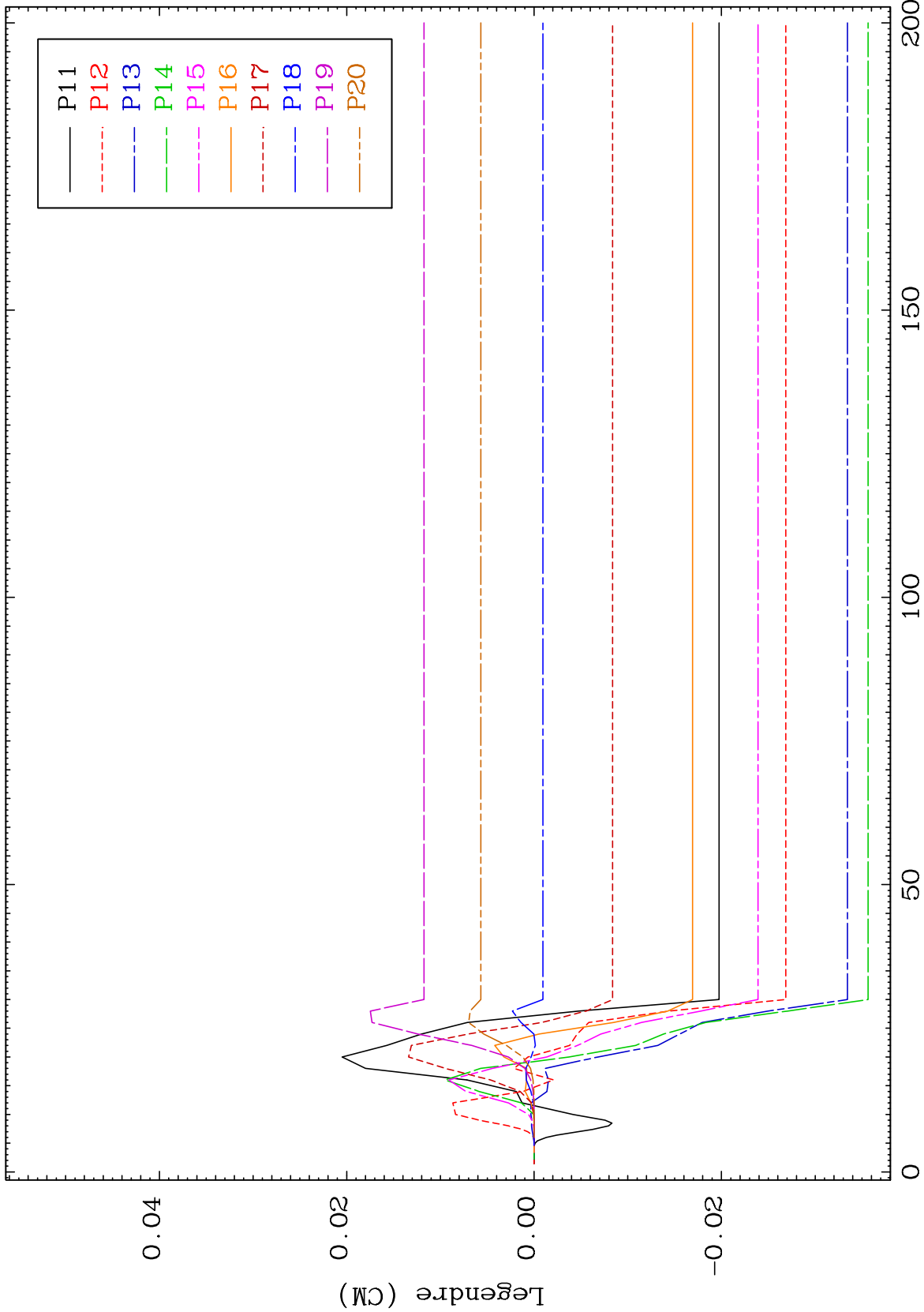
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MAT 8095

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

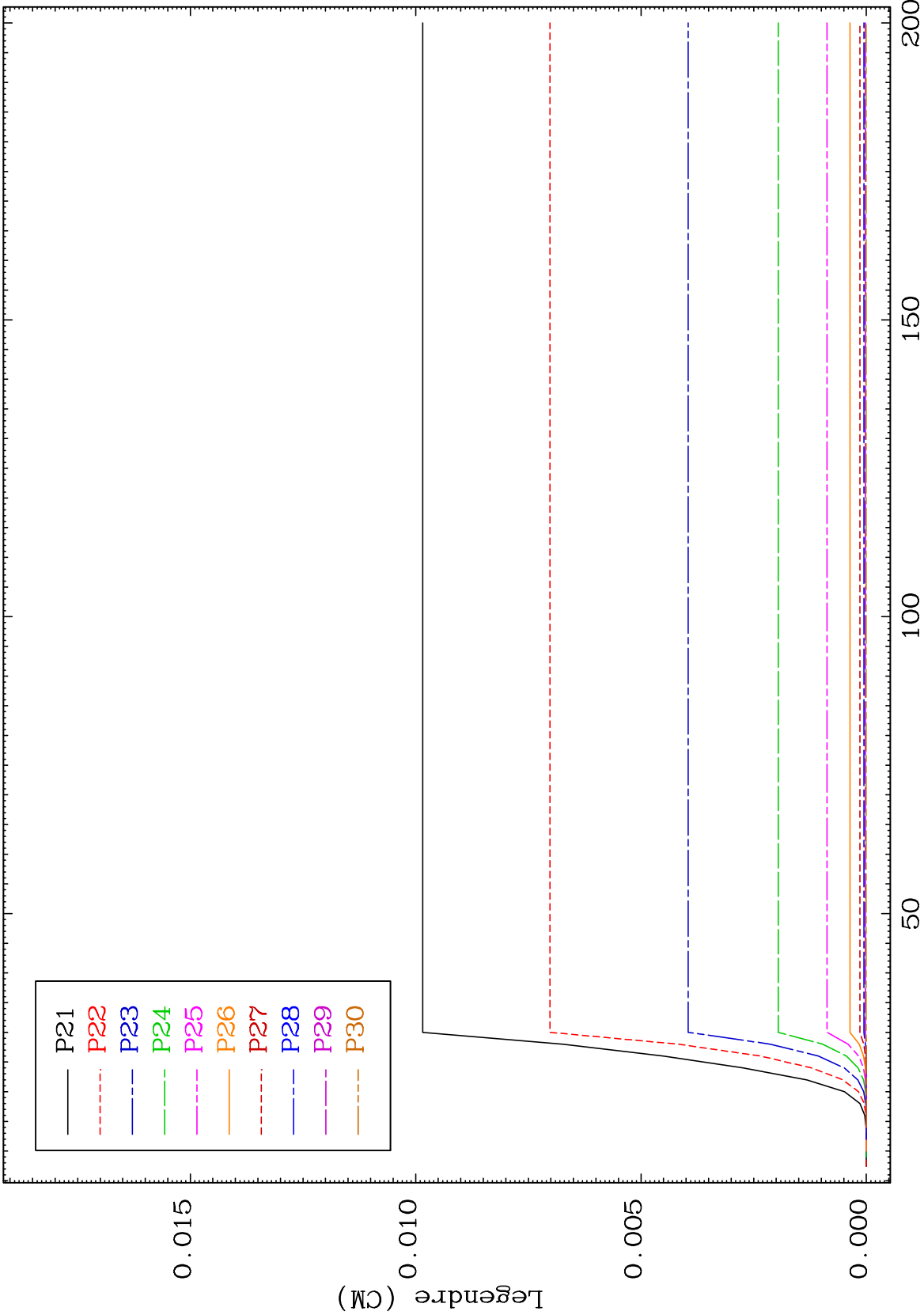
81-Tl-193

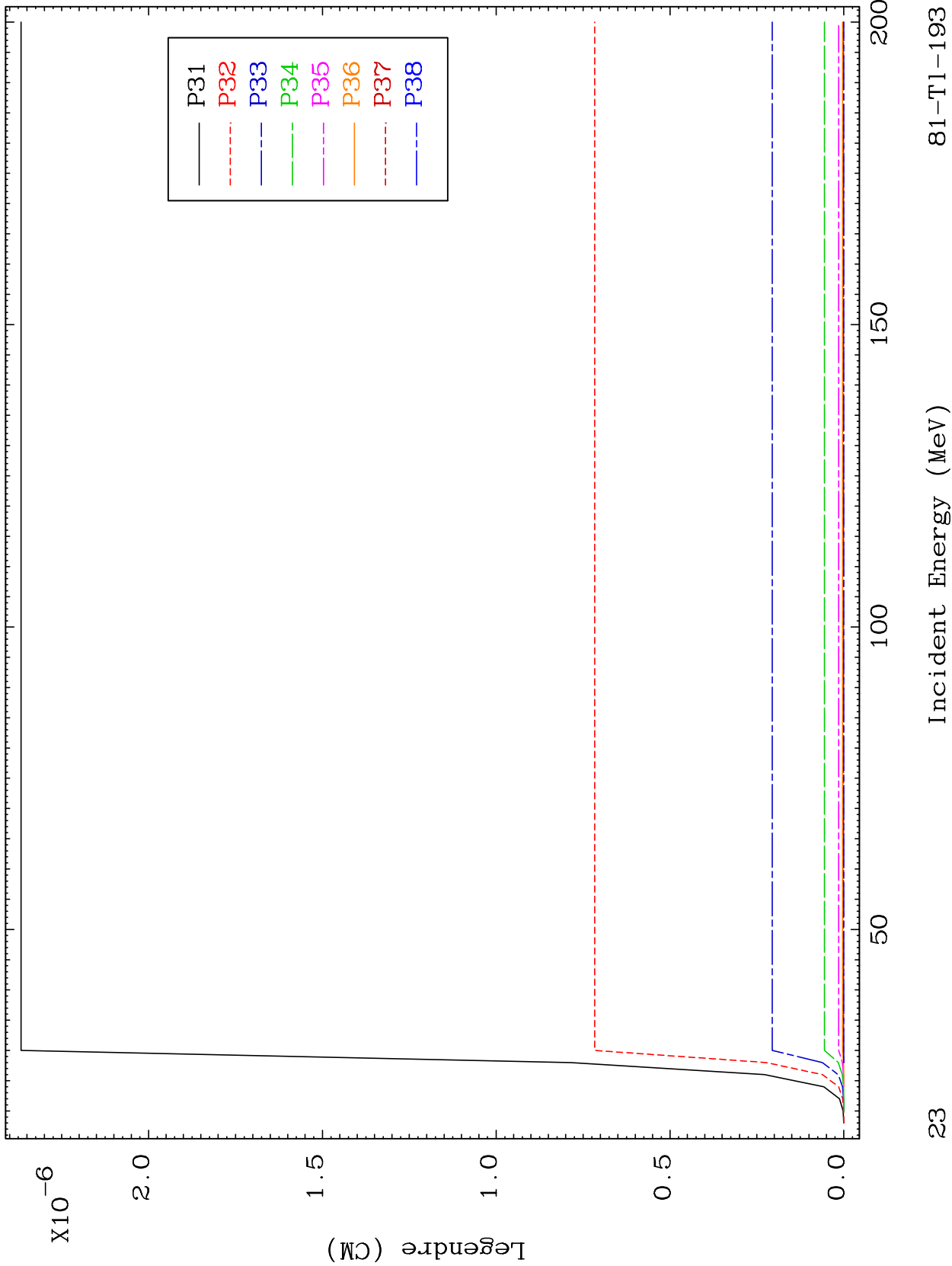


21

Incident Energy (MeV)

81-Tl-193



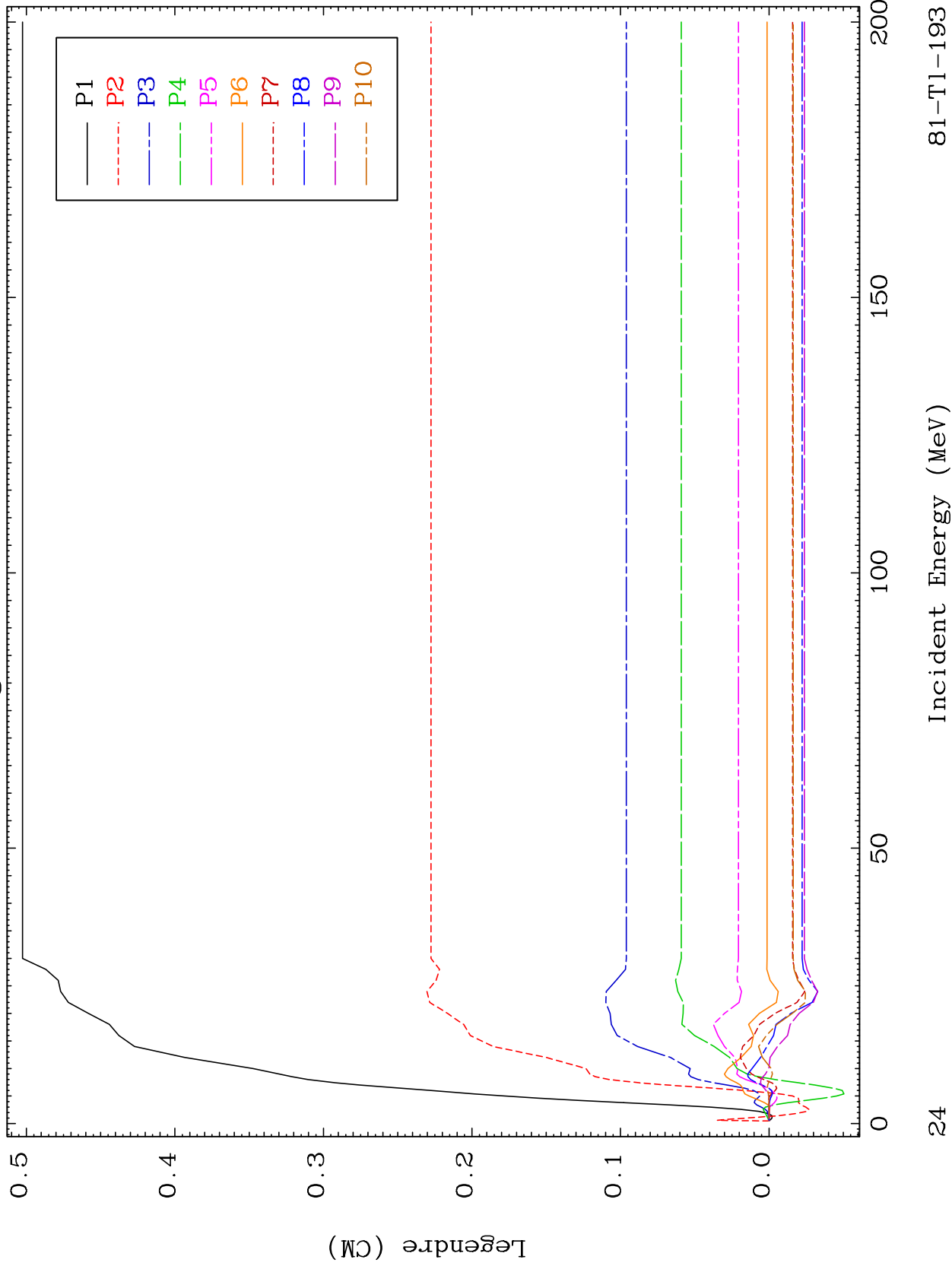


MAT 8095

MT= 52 (n,n') Level

81-Tl-193

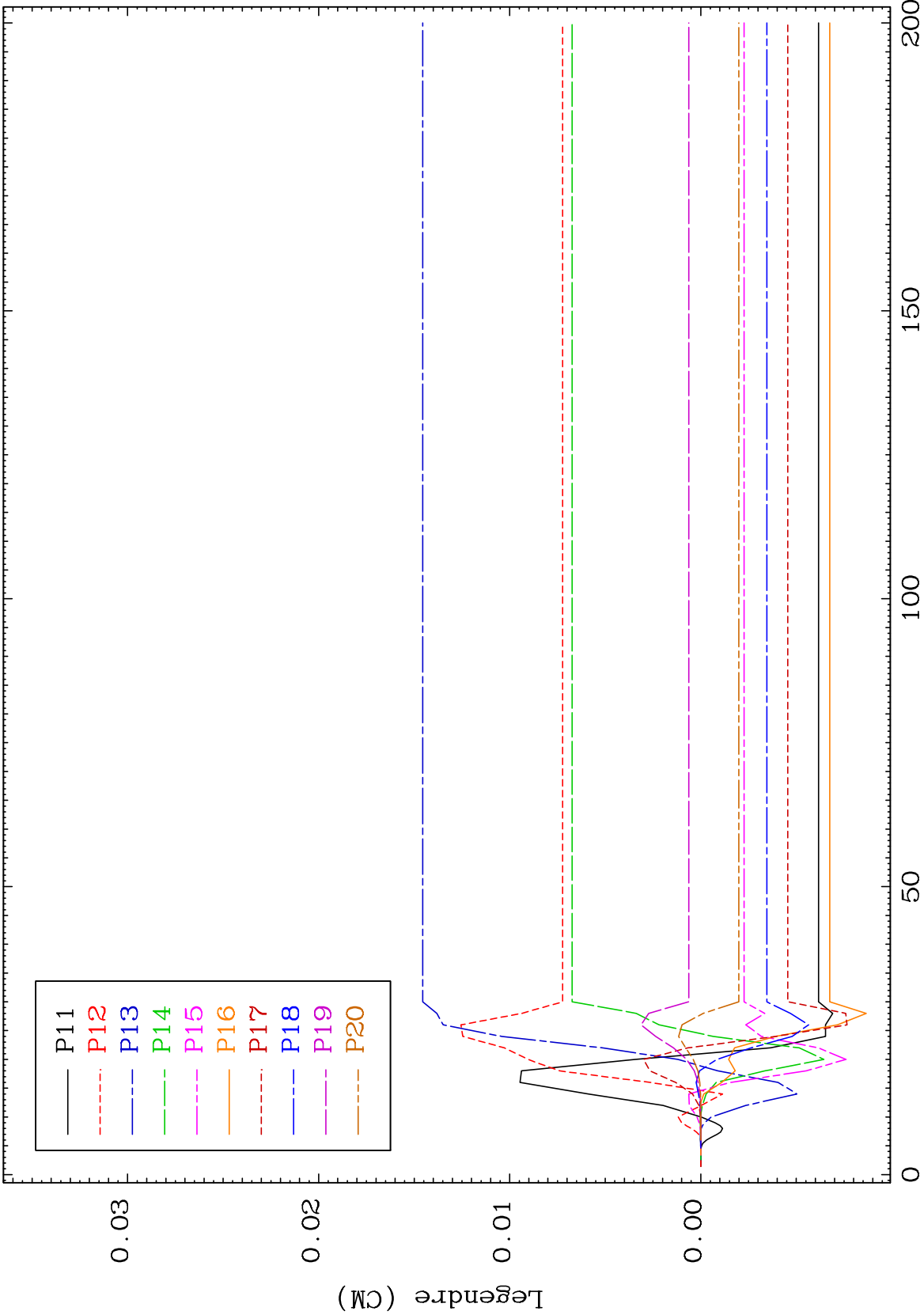
Legendre Coefficients



MAT 8095

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

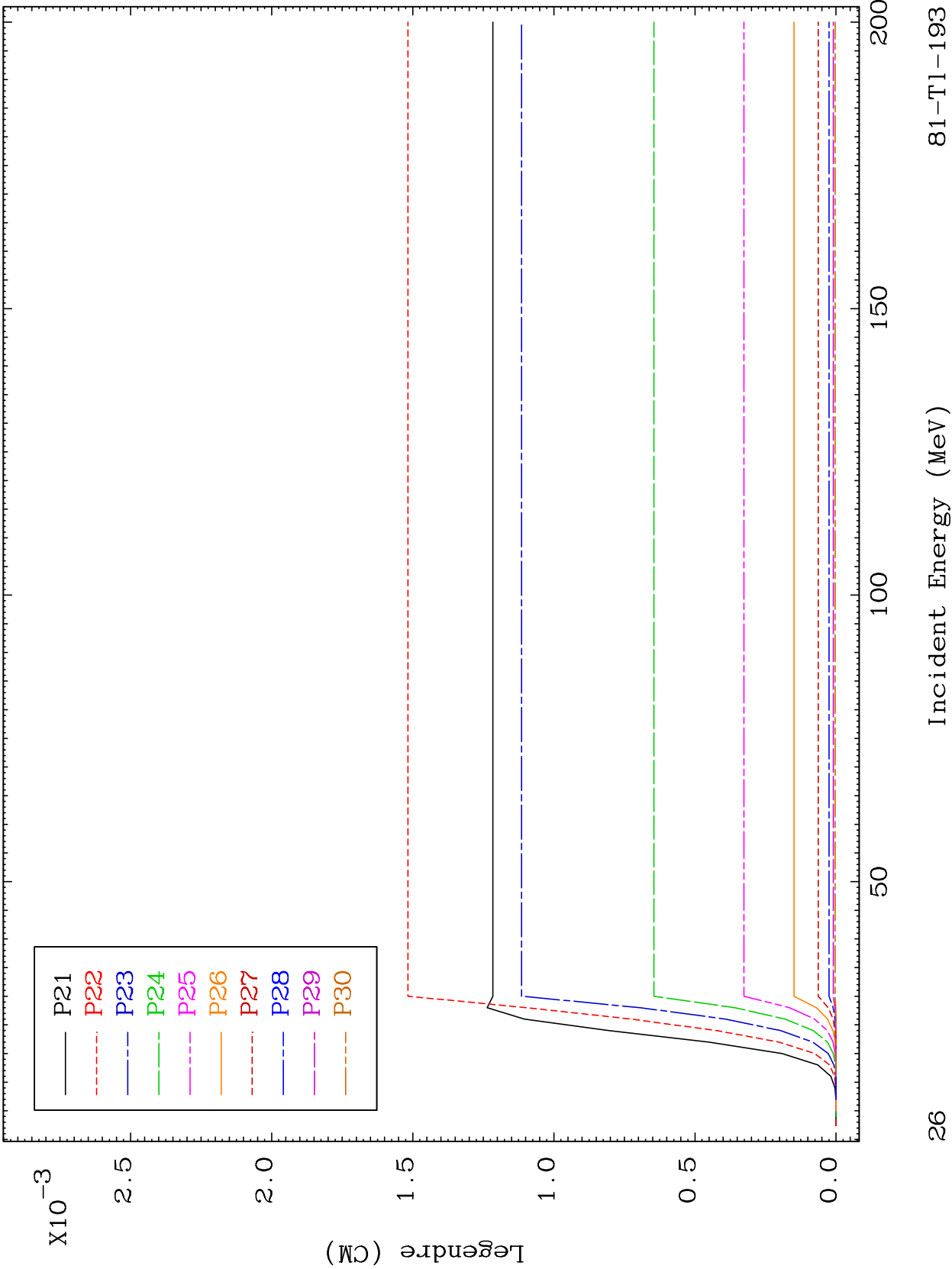
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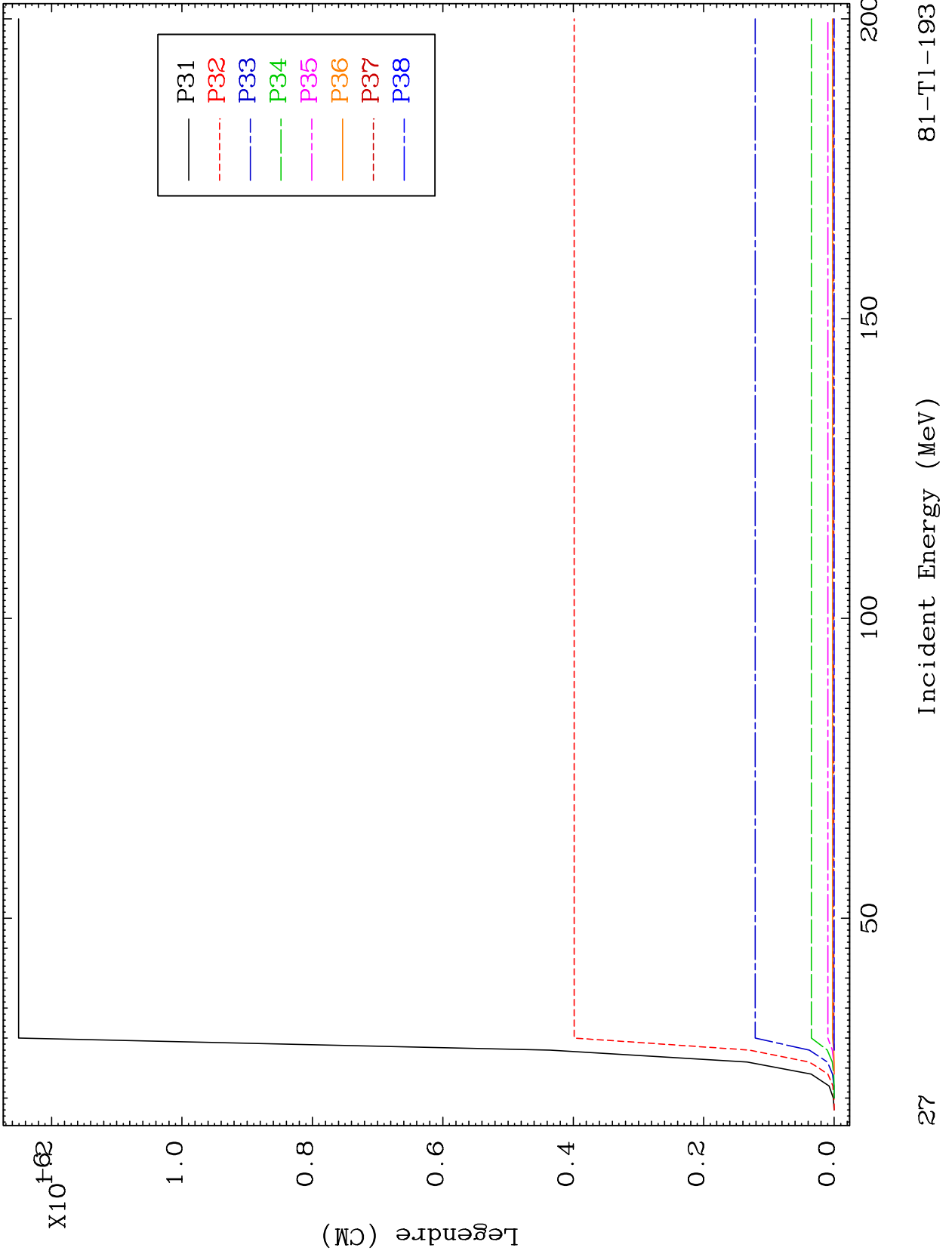


81-T1-193

Incident Energy (MeV)

25

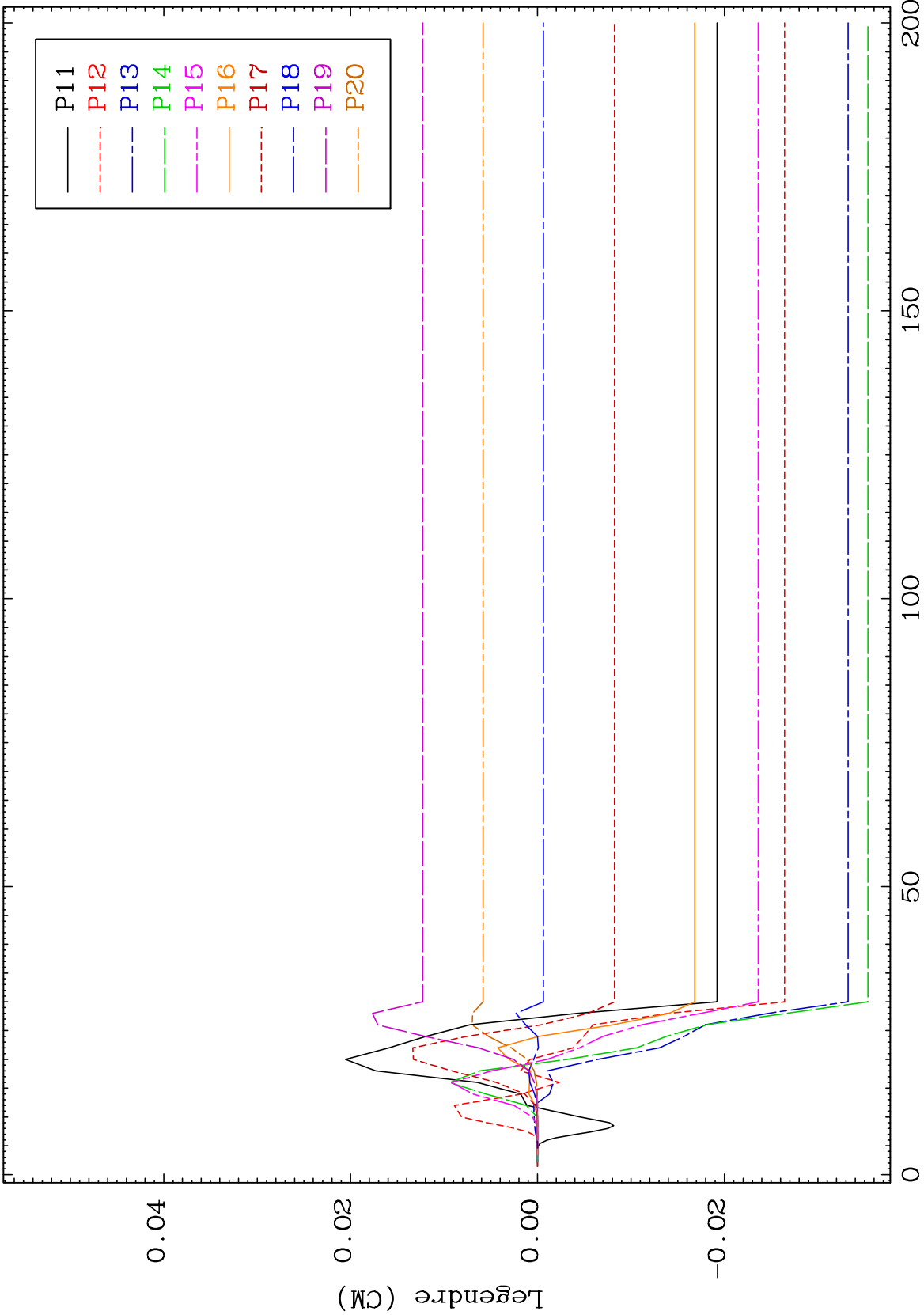




MAT 8095

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

81-Tl-193



29

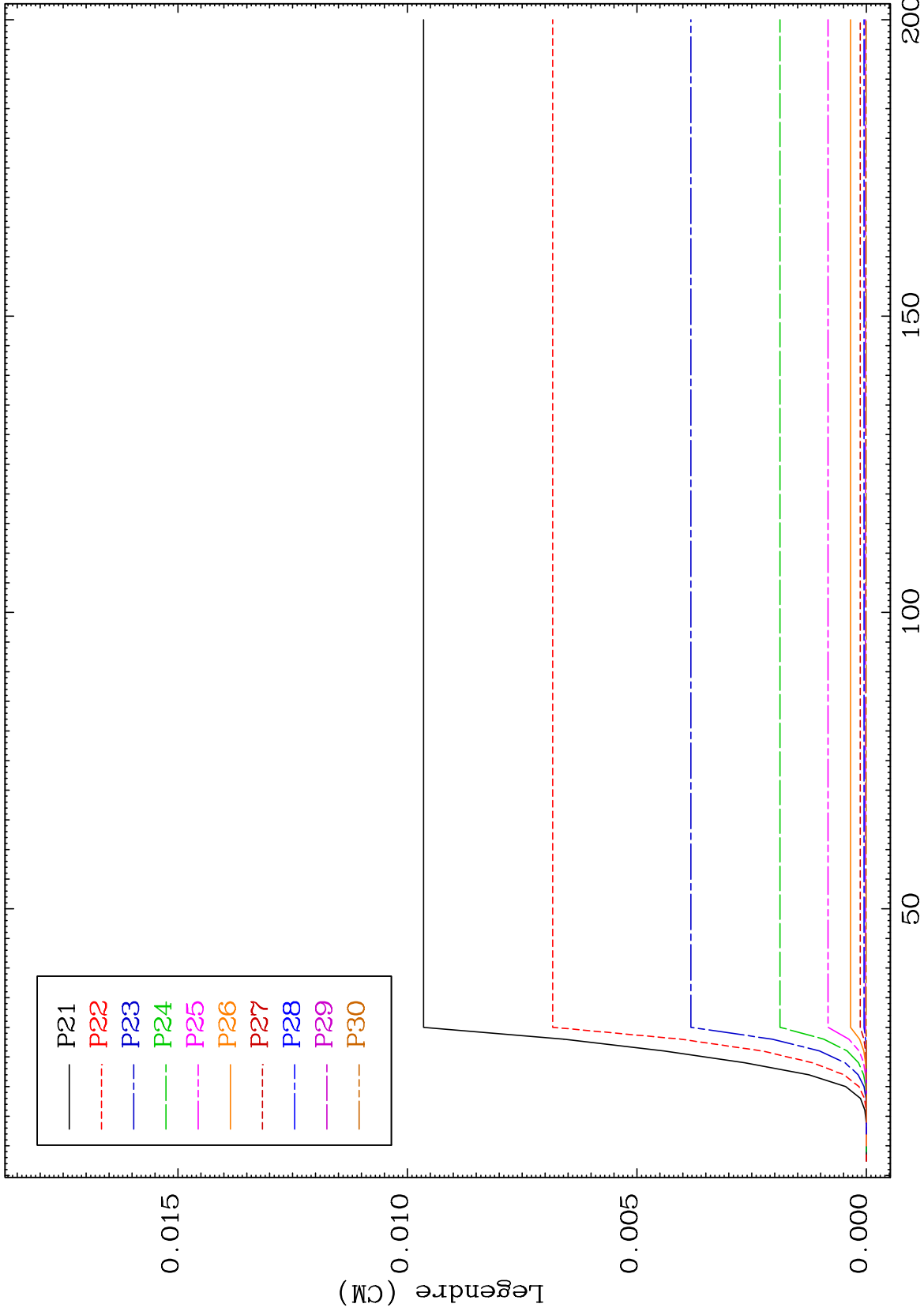
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



30

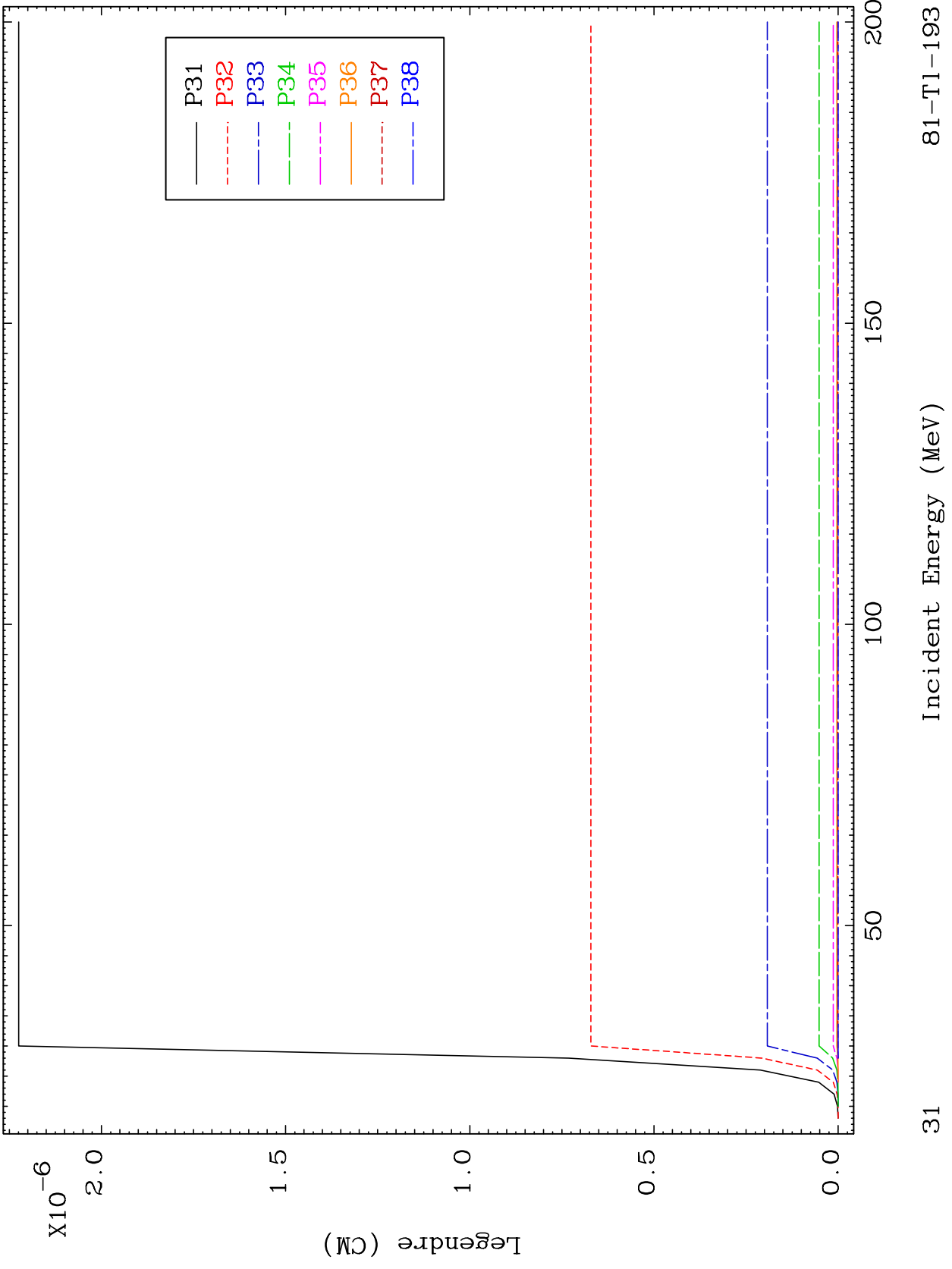
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193



31

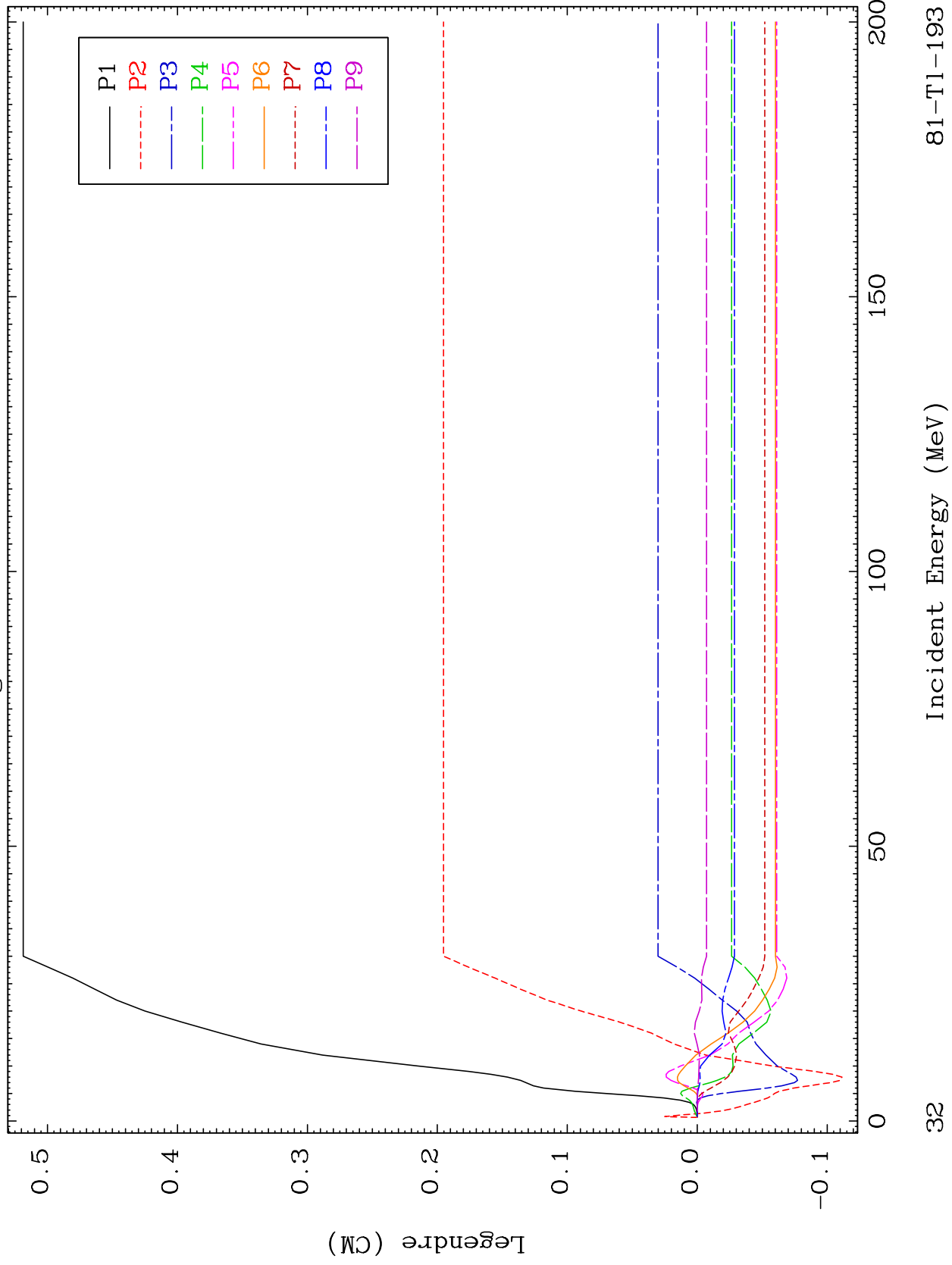
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-Tl-193



81-Tl-193

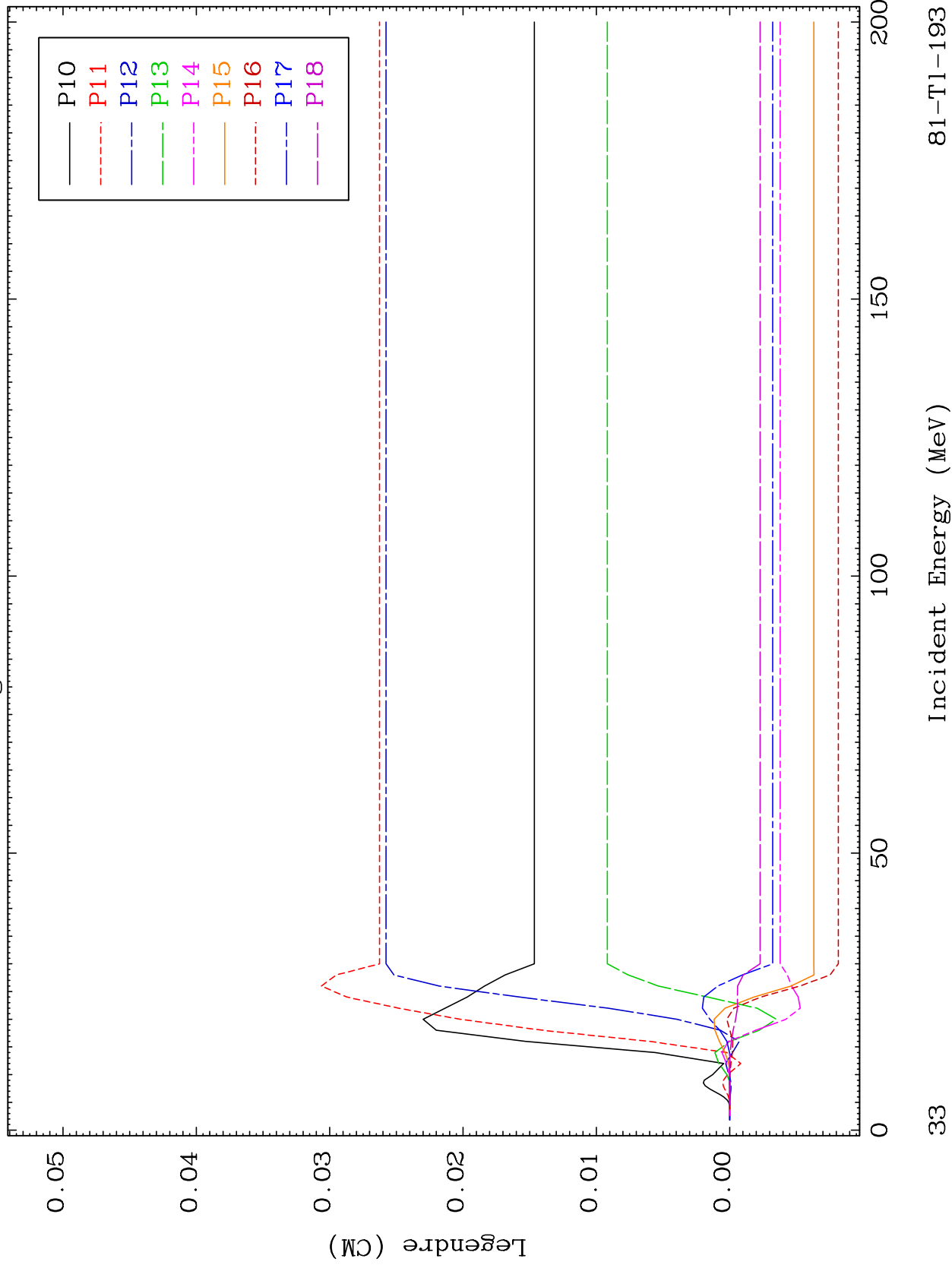
Incident Energy (MeV)

32

MAT 8095

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

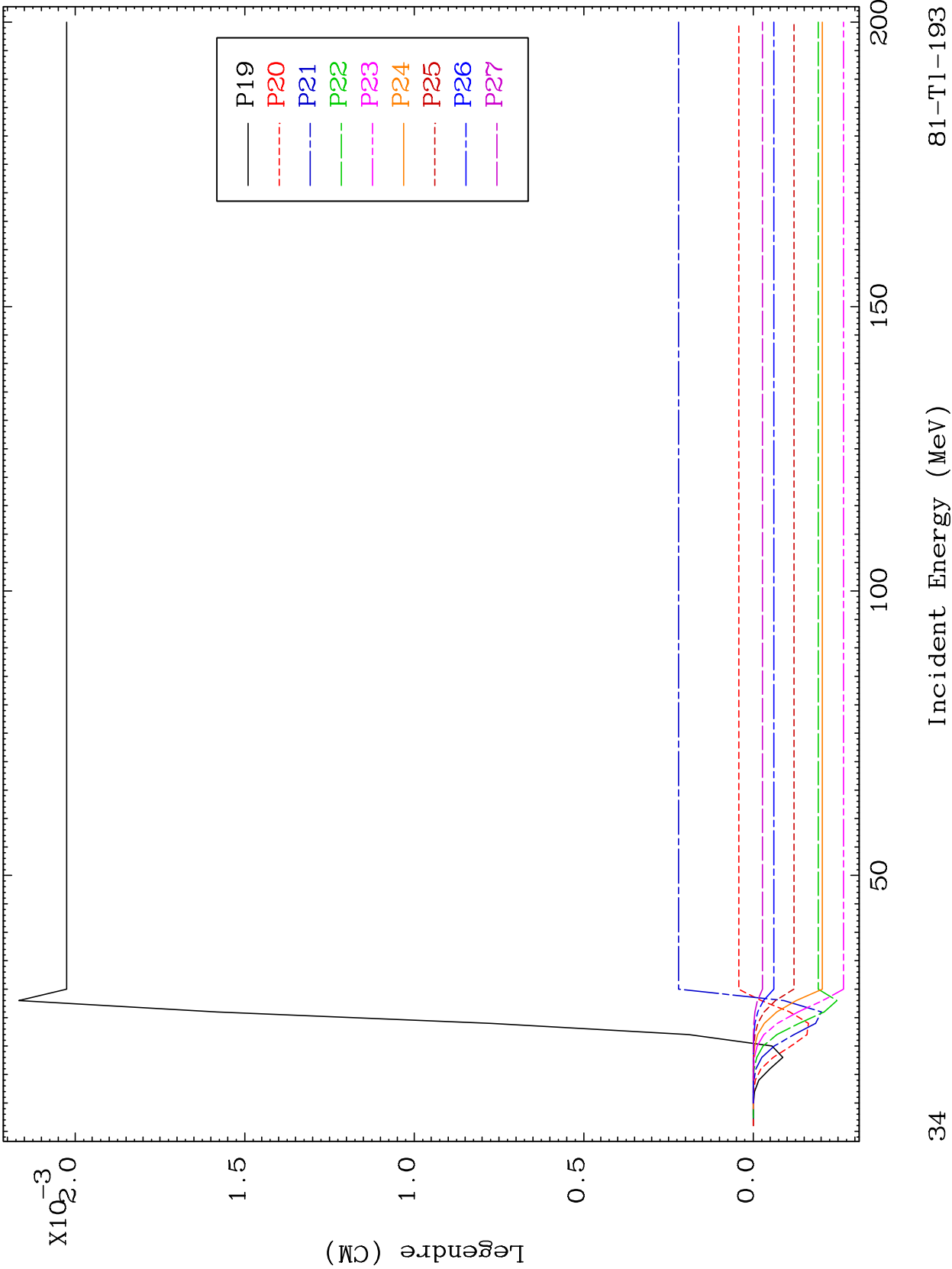
81-Tl-193



33

Incident Energy (MeV)

81-Tl-193

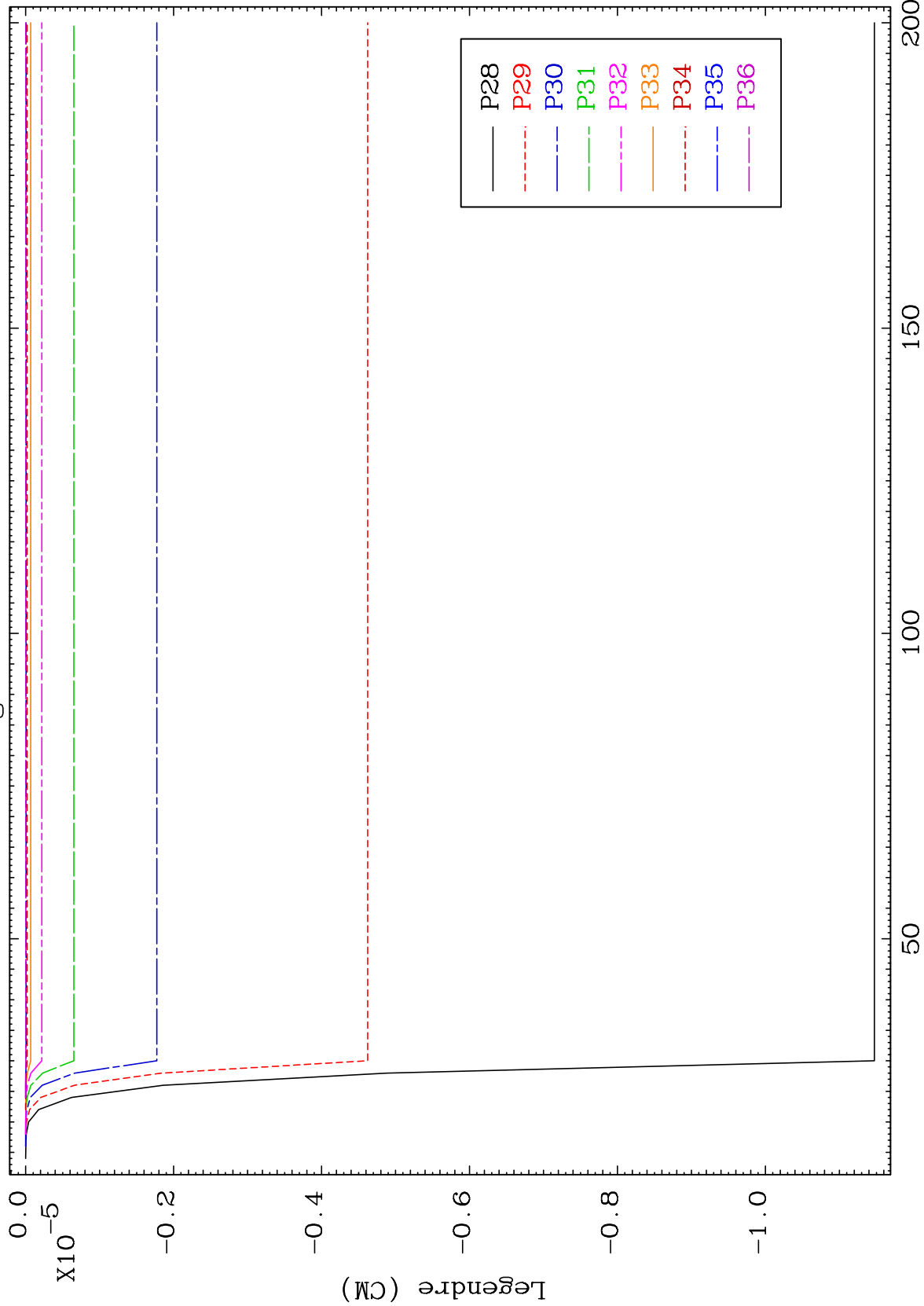


MAT 8095

MT= 54 (n,n') Level

81-Tl-193

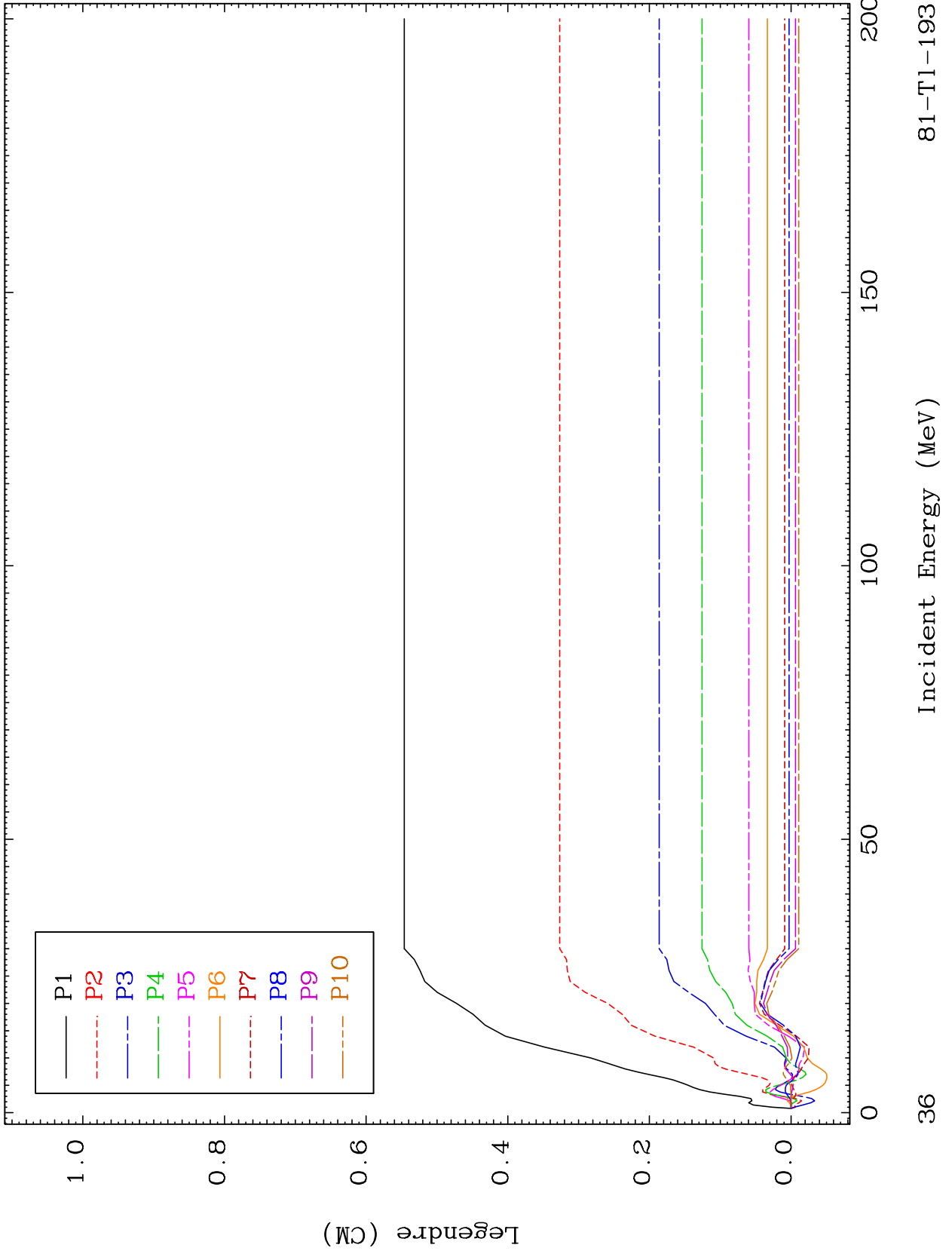
Legendre Coefficients



35

Incident Energy (MeV)

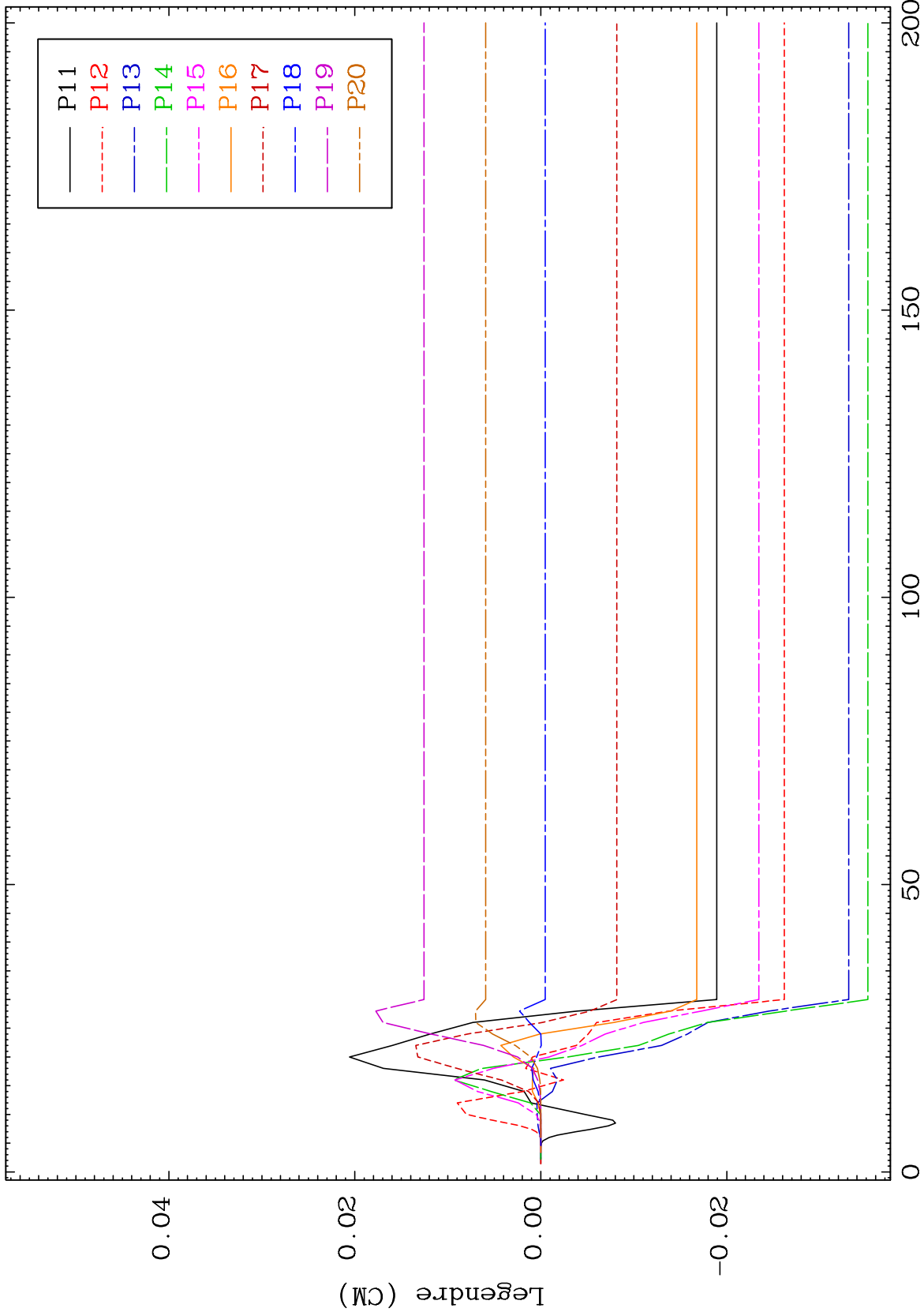
81-Tl-193



MAT 8095

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

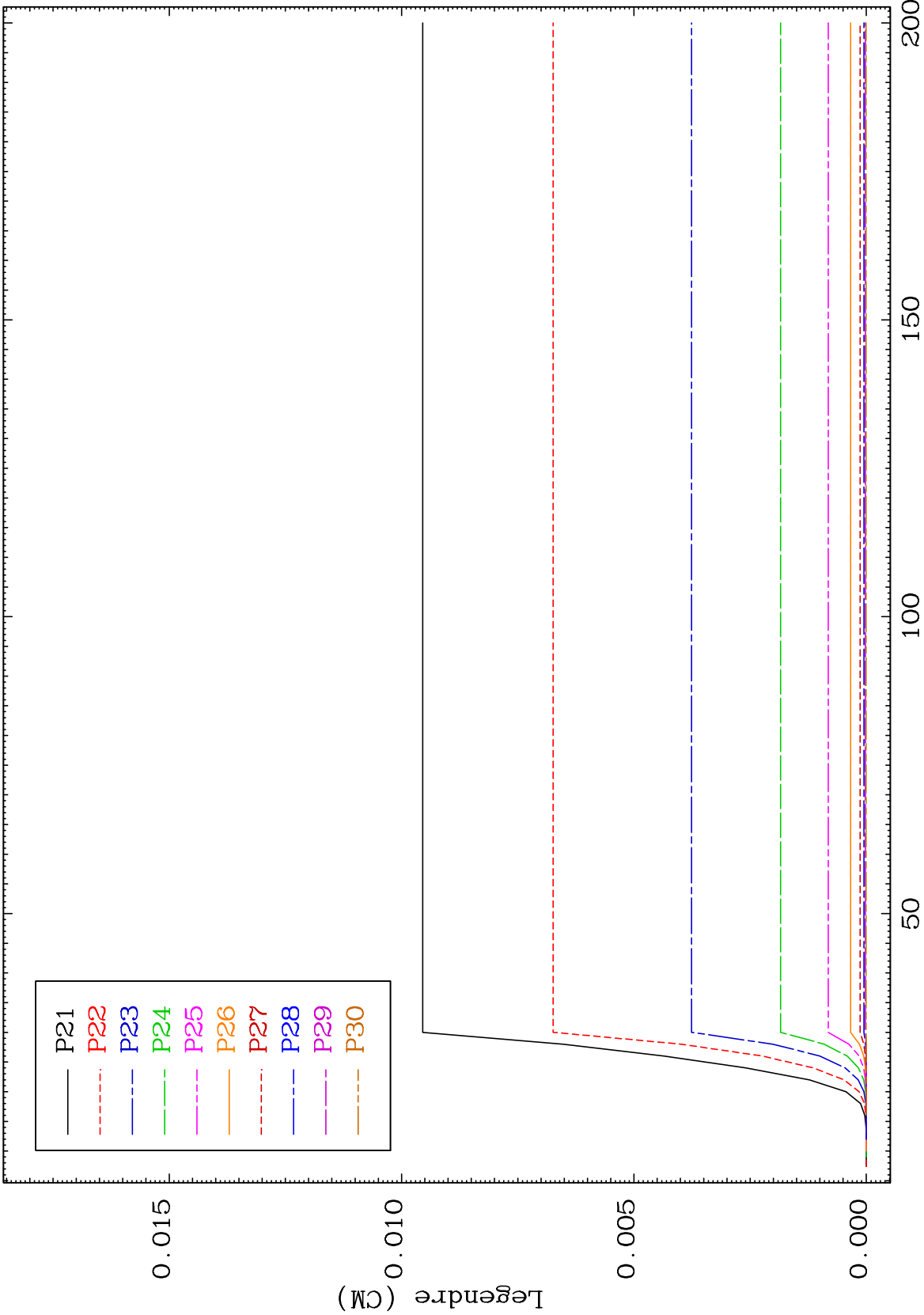
81-T1-193



37

Incident Energy (MeV)

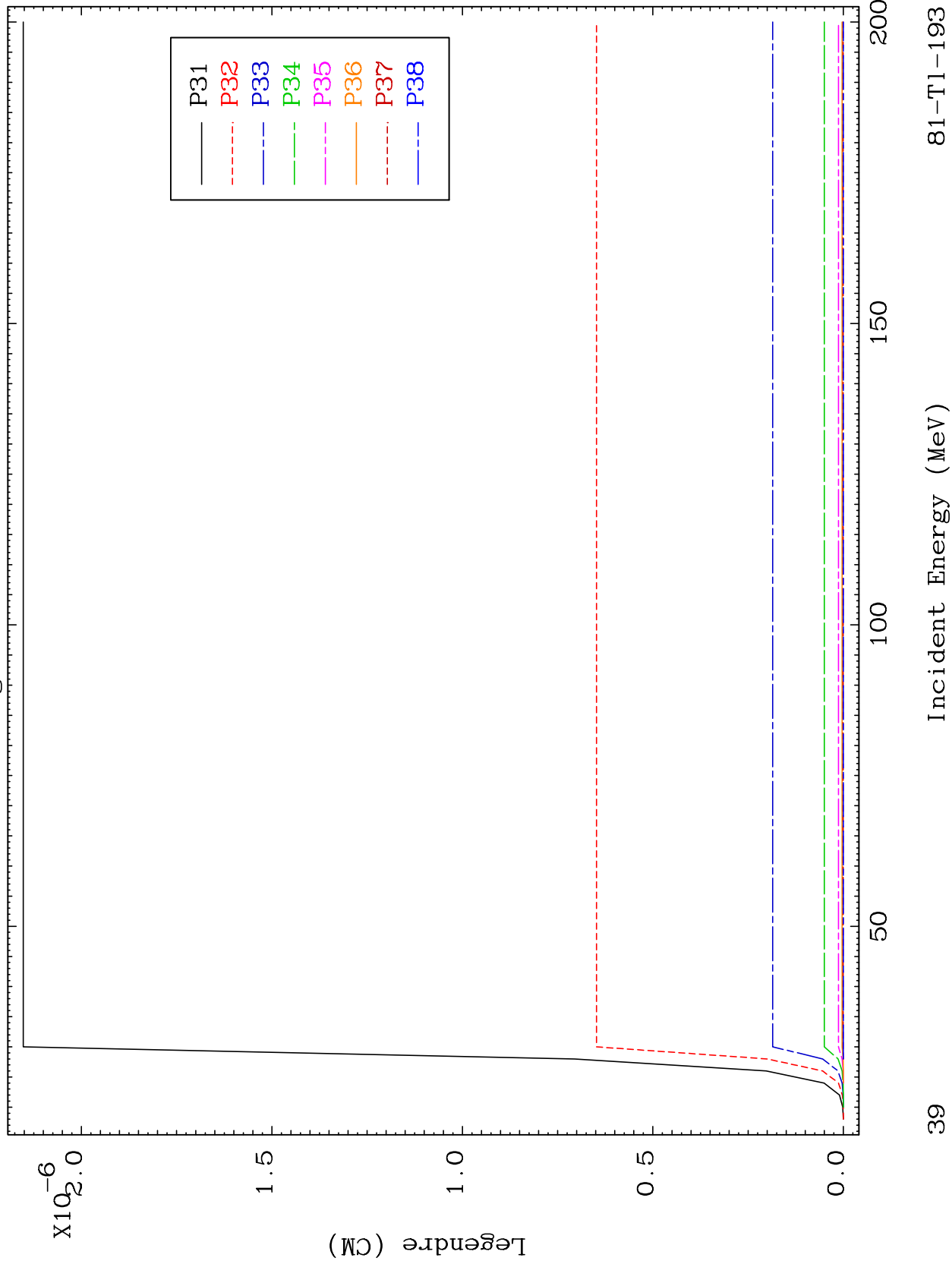
81-T1-193



MAT 8095

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

81-T1-193



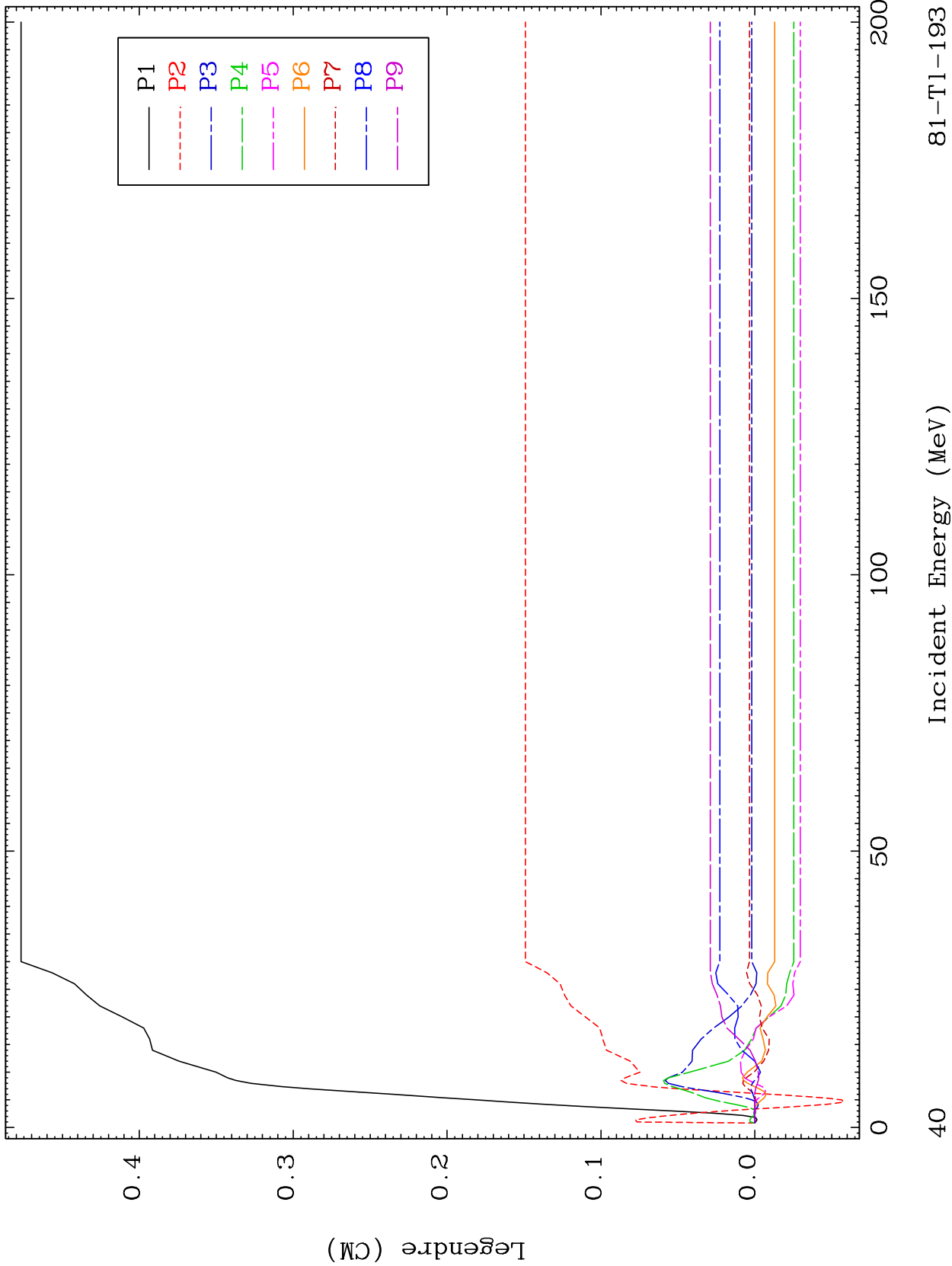
39

81-T1-193

MAT 8095

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

81-T1-193

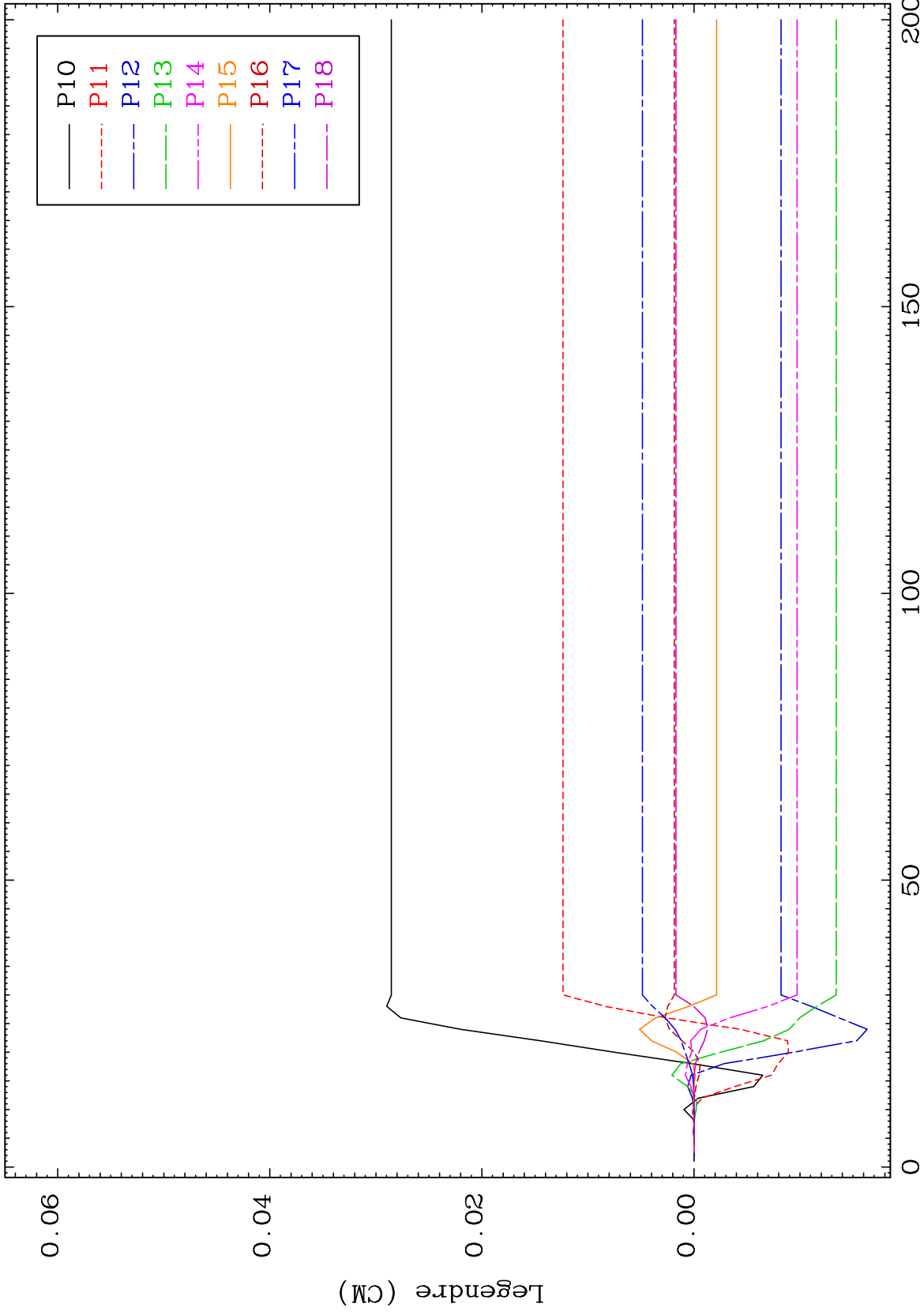


81-T1-193

MAT 8095

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

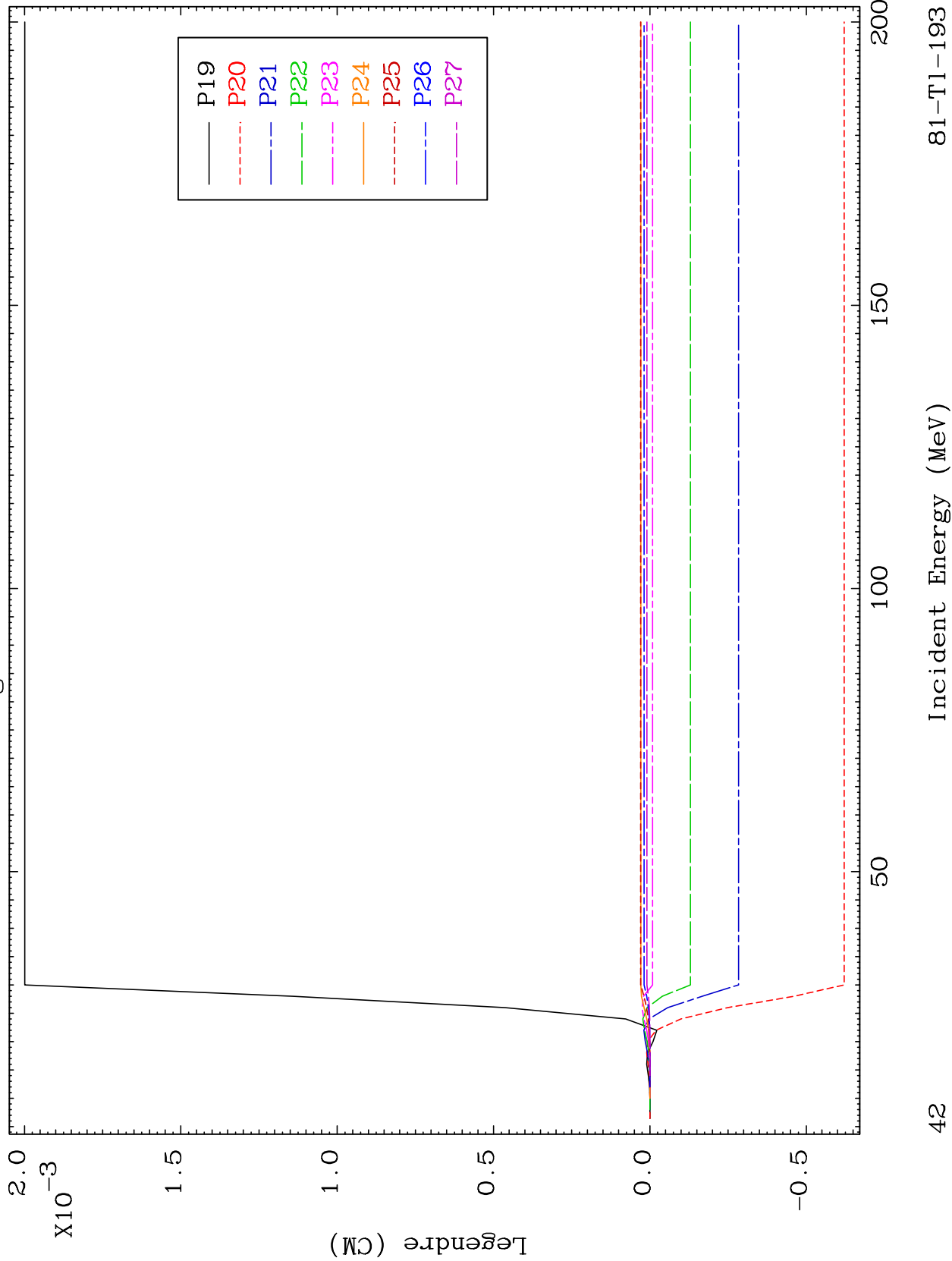
81-T1-193



41

Incident Energy (MeV)

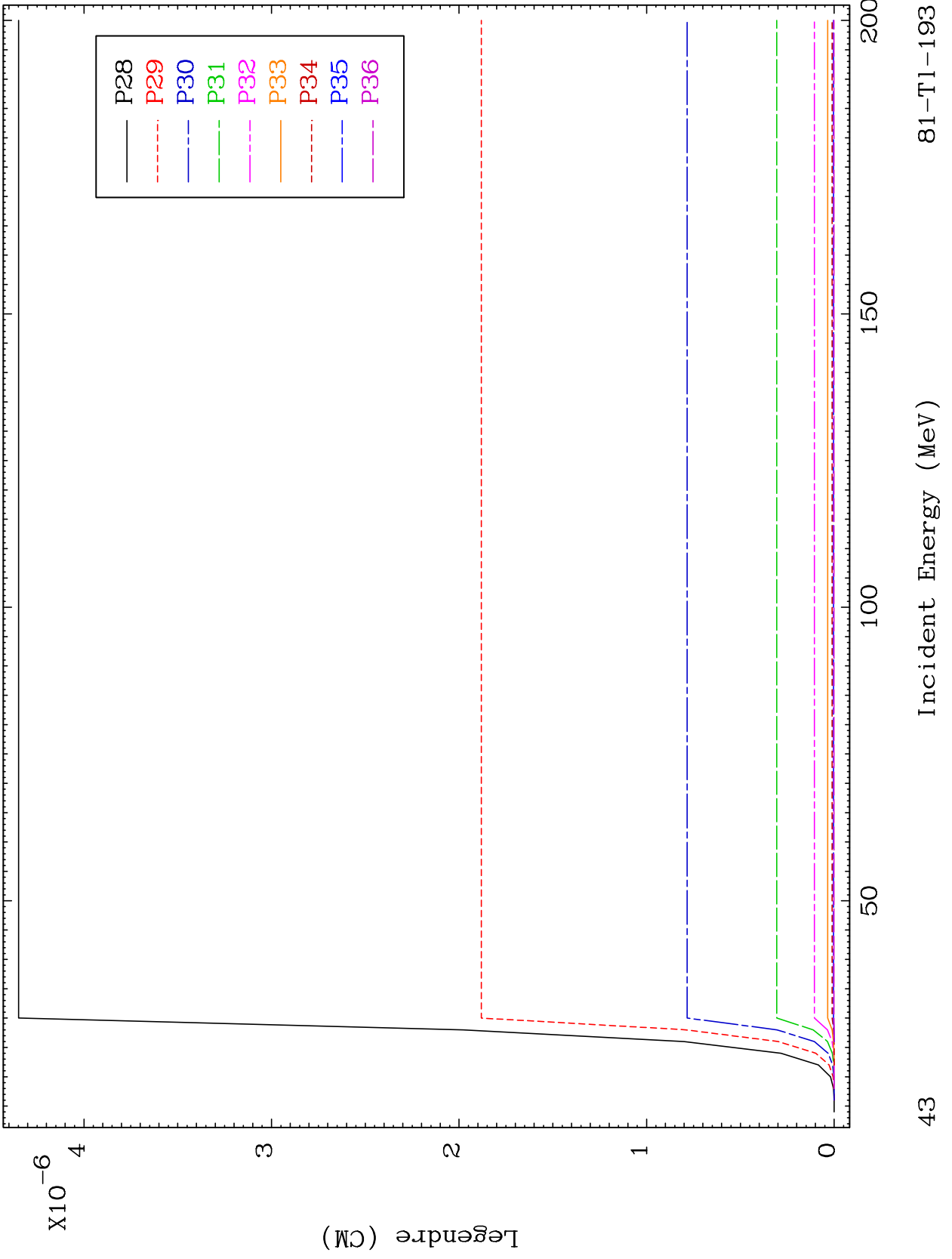
81-T1-193



MAT 8095

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

81-Tl-193

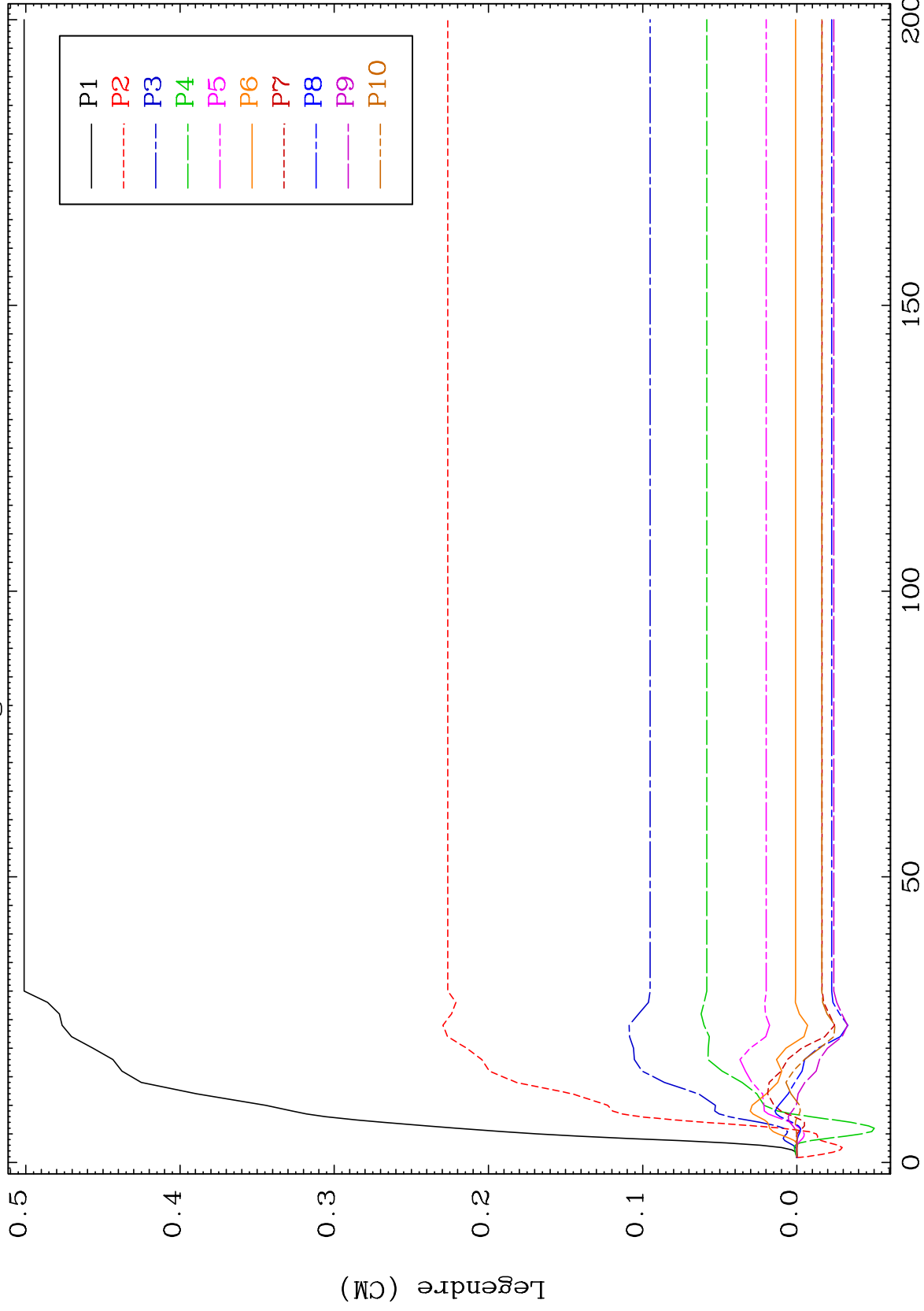


MAT 8095

MT= 57 (n,n') Level

81-Tl-193

Legendre Coefficients



44

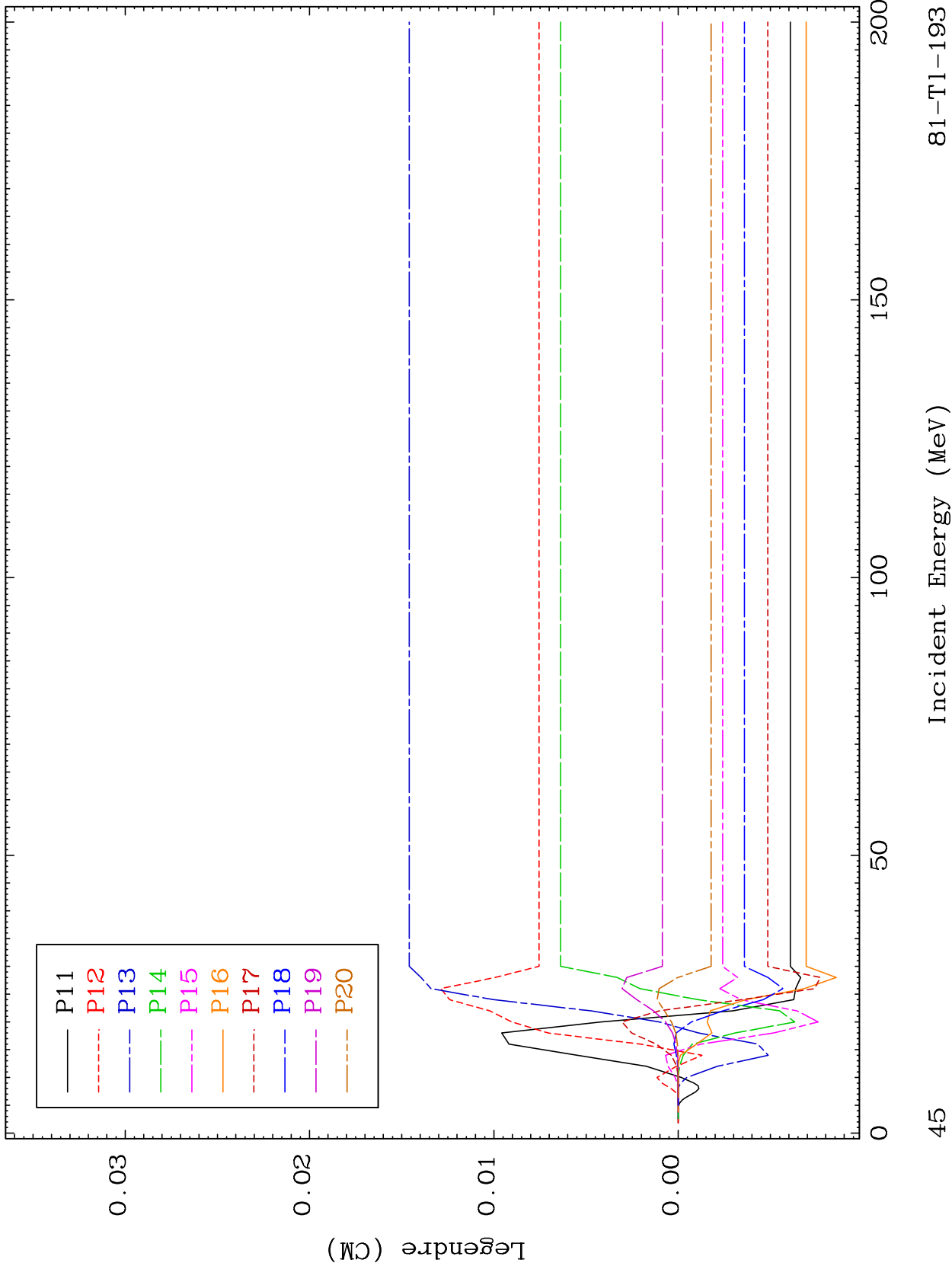
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

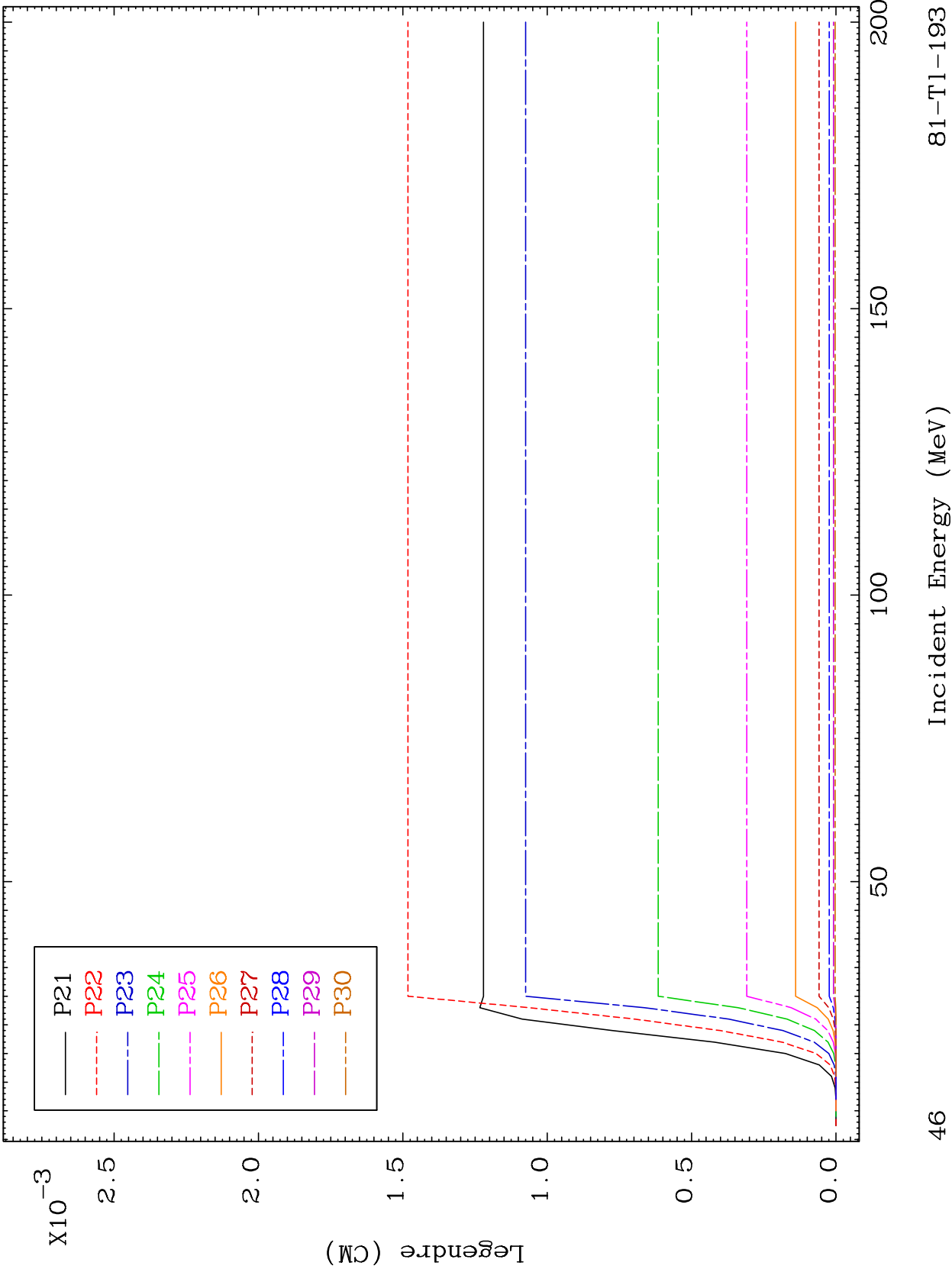
81-Tl-193



81-Tl-193

Incident Energy (MeV)

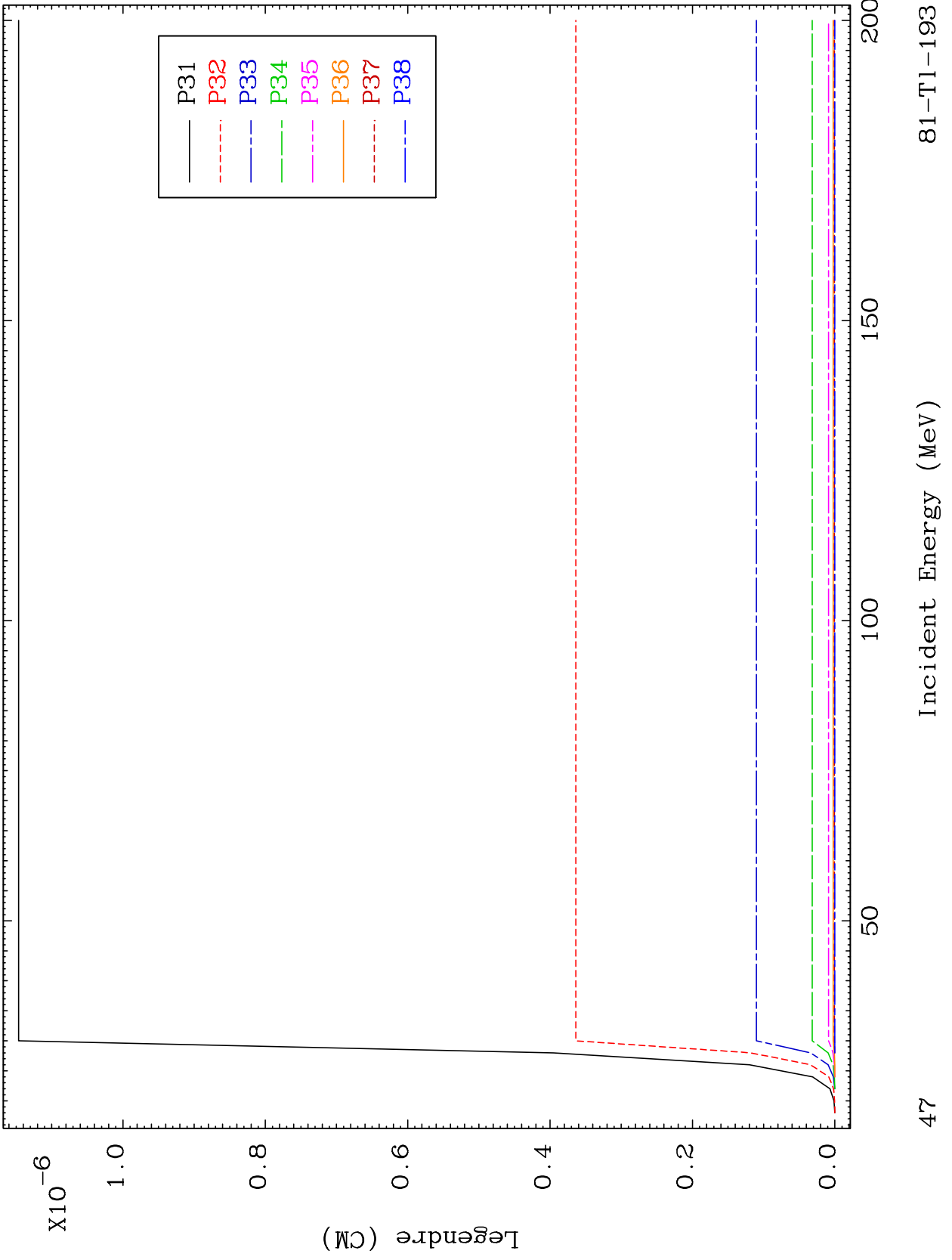
45



MAT 8095

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

81-T1-193



47

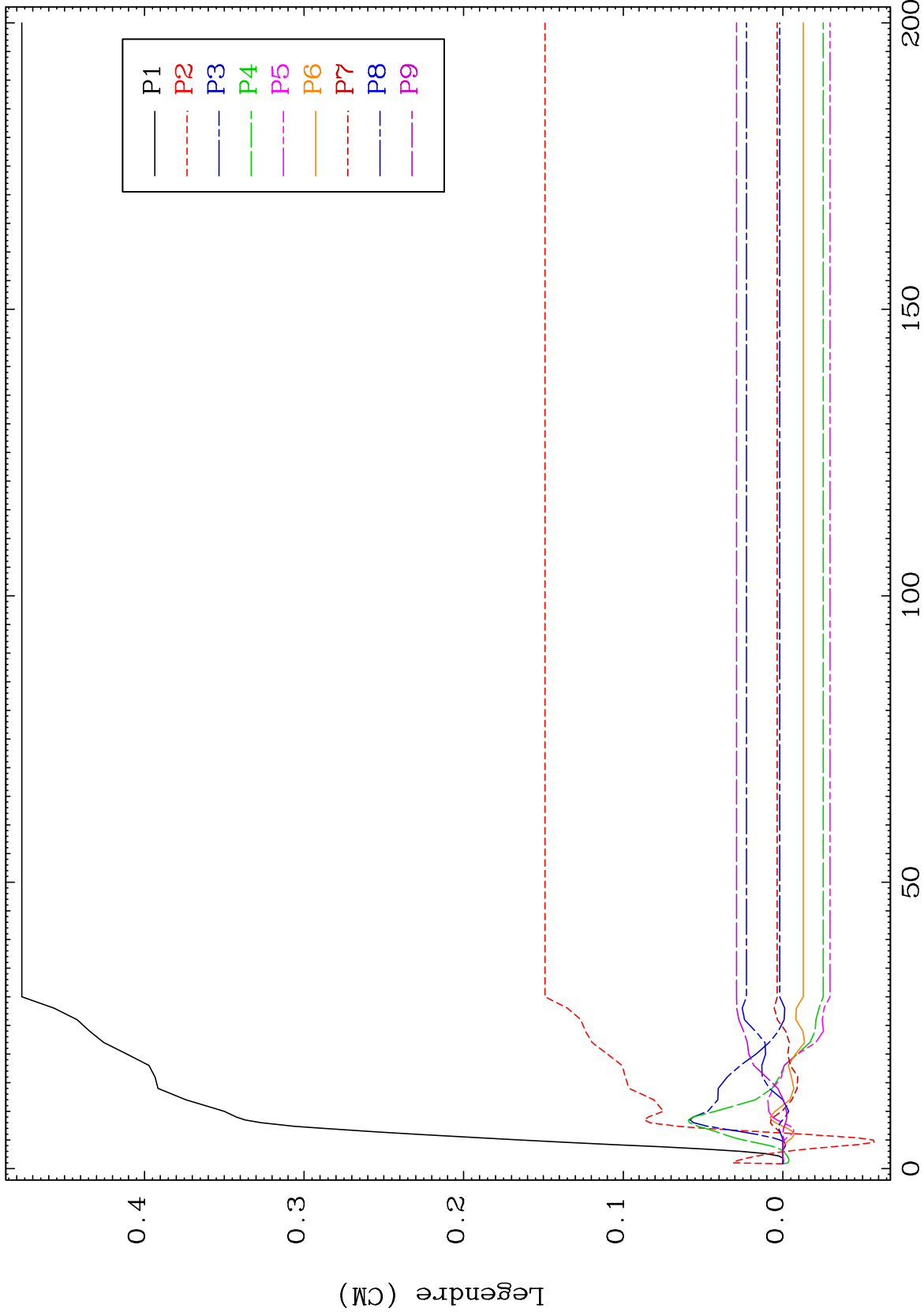
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-Tl-193



81-Tl-193

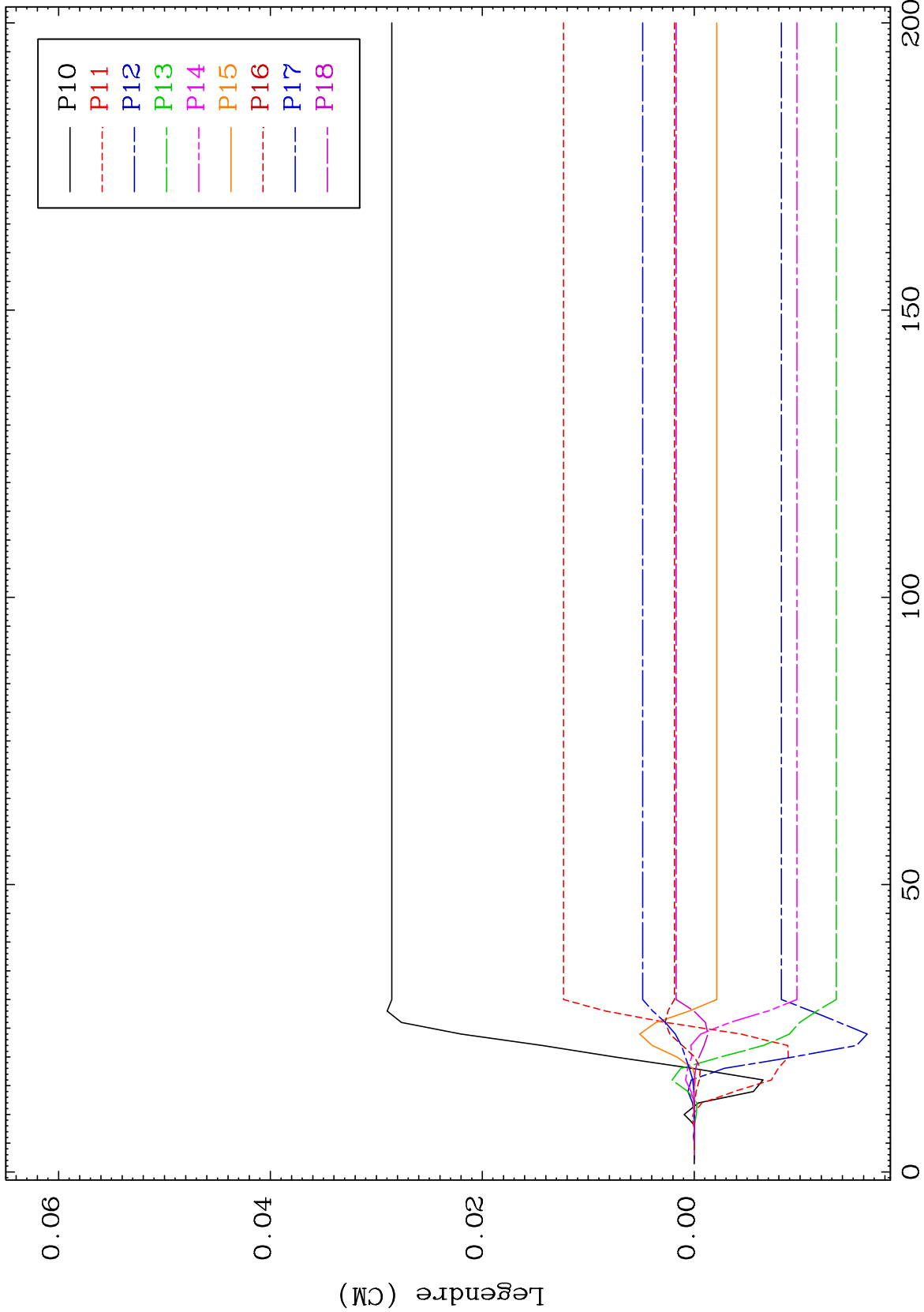
Incident Energy (MeV)

48

MAT 8095

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

81-T1-193



49

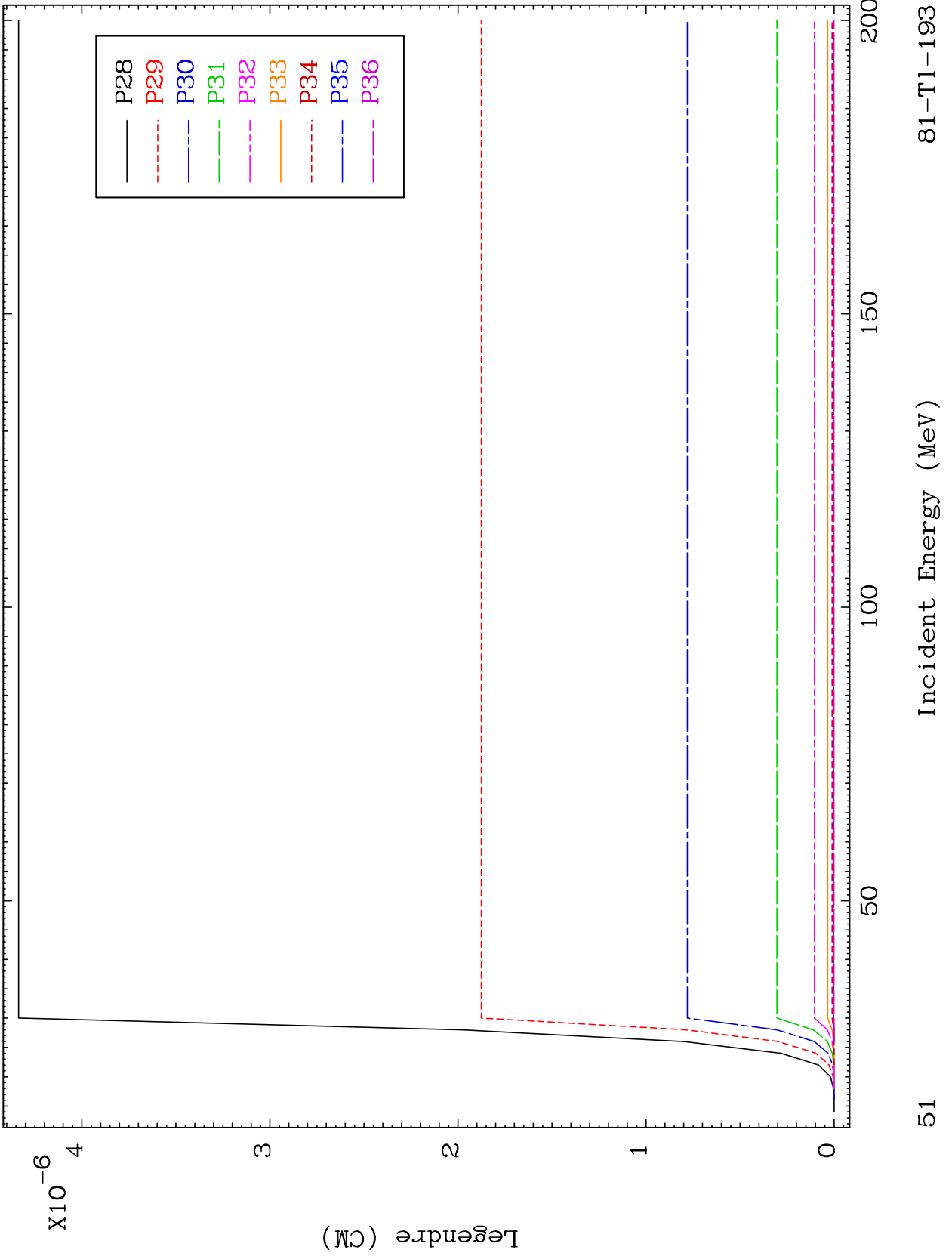
Incident Energy (MeV)

81-T1-193

MAT 8095

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

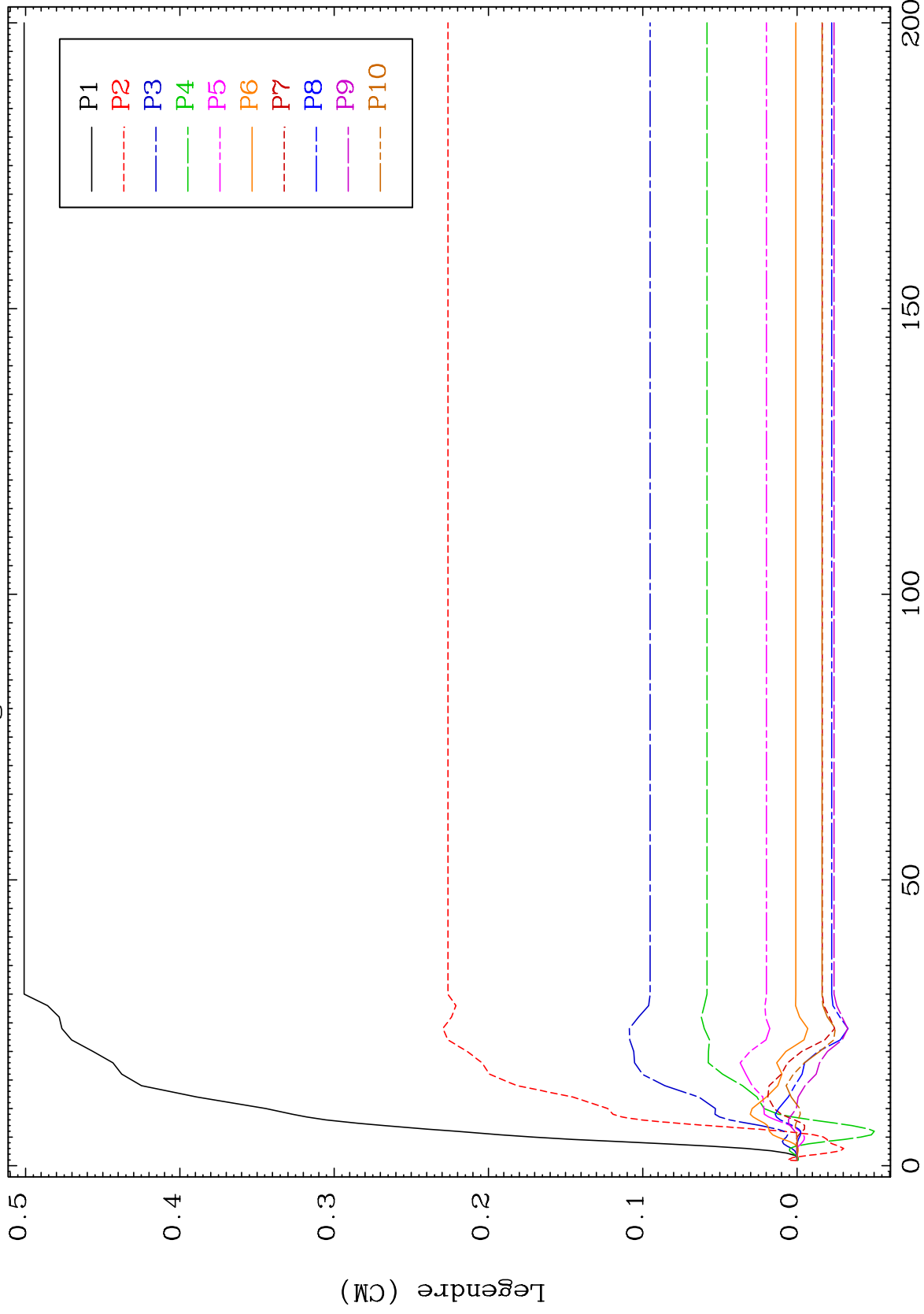
81-Tl-193



MAT 8095

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

81-Tl-193



52

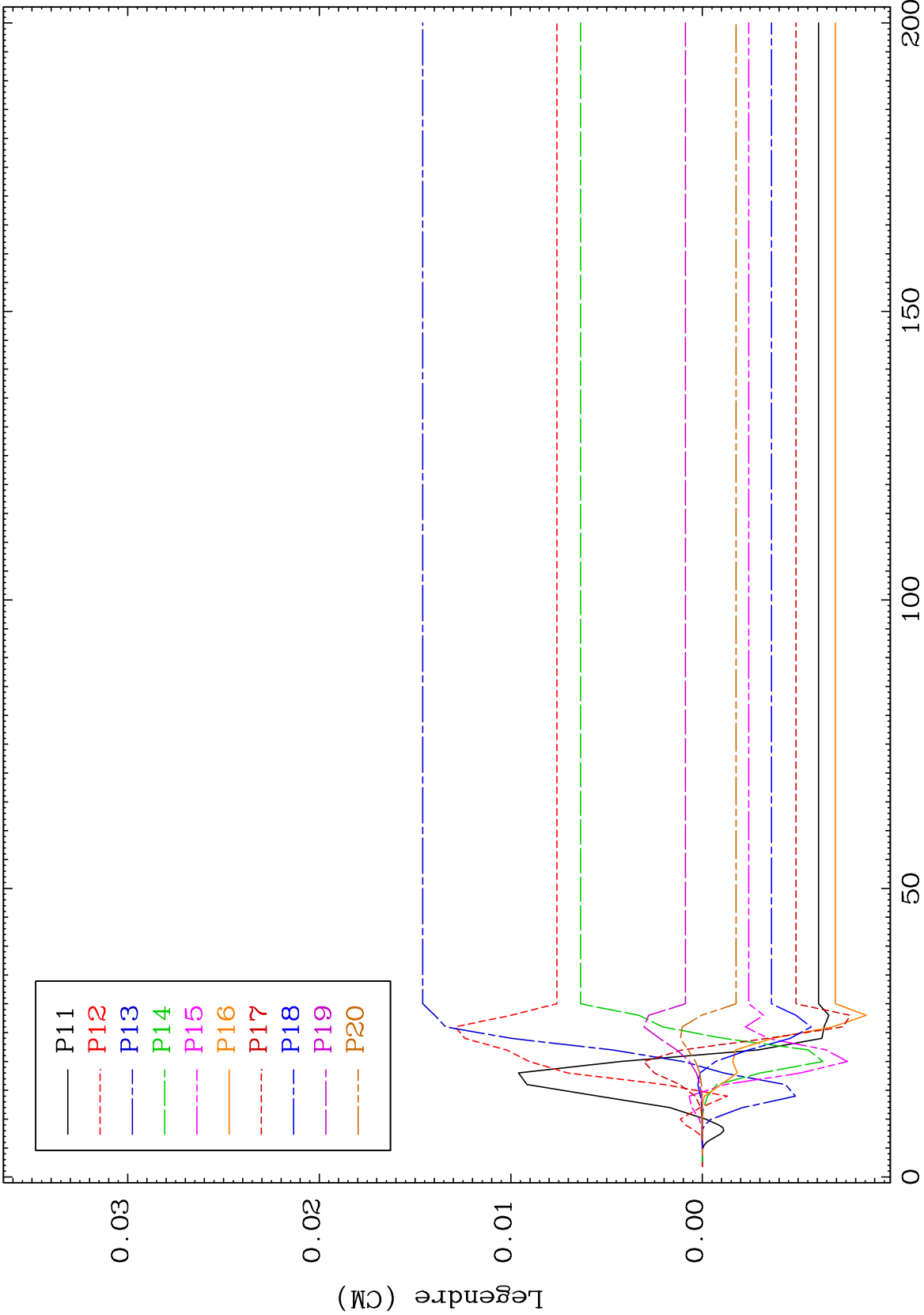
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

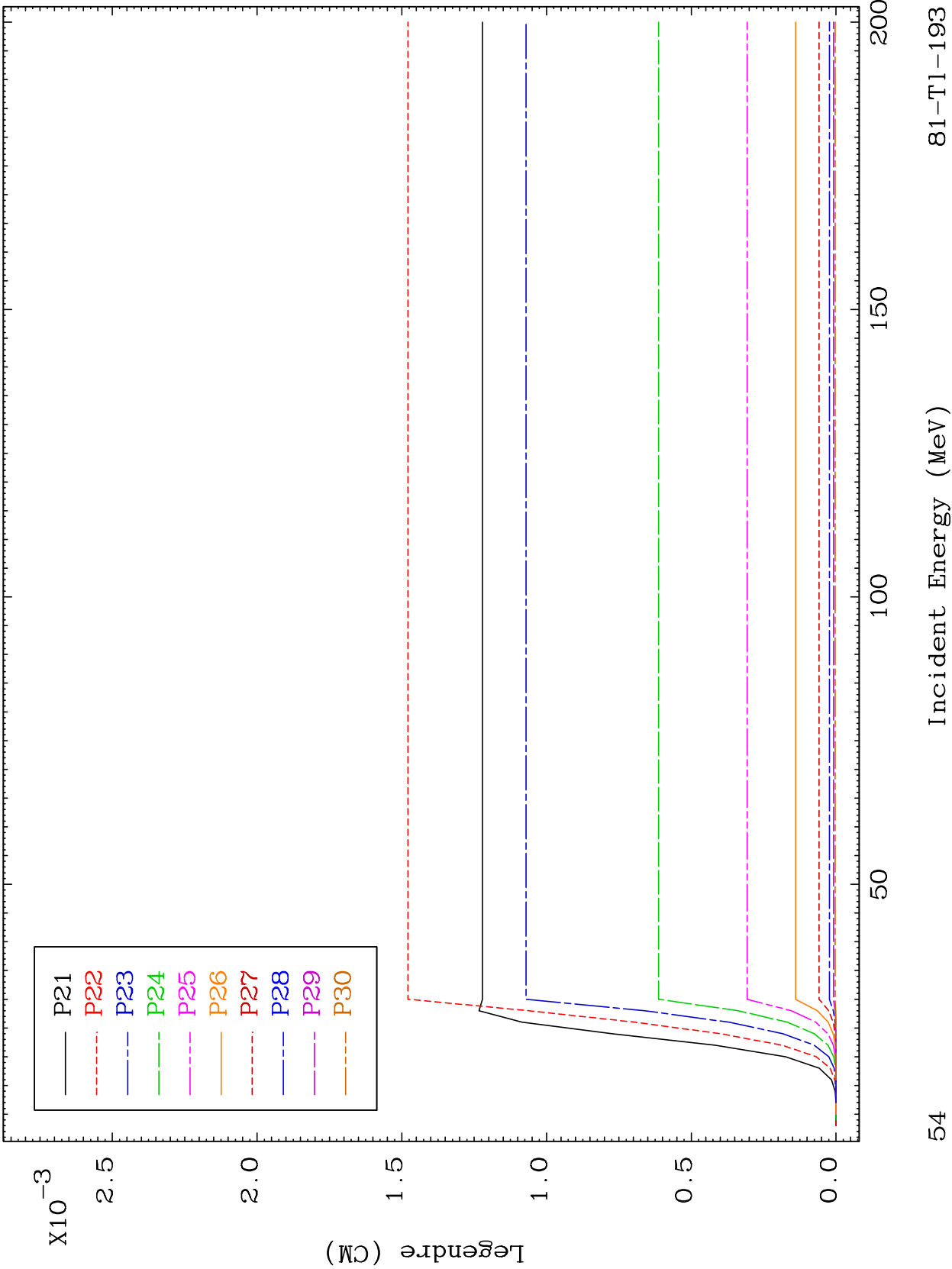
81-Tl-193



53

Incident Energy (MeV)

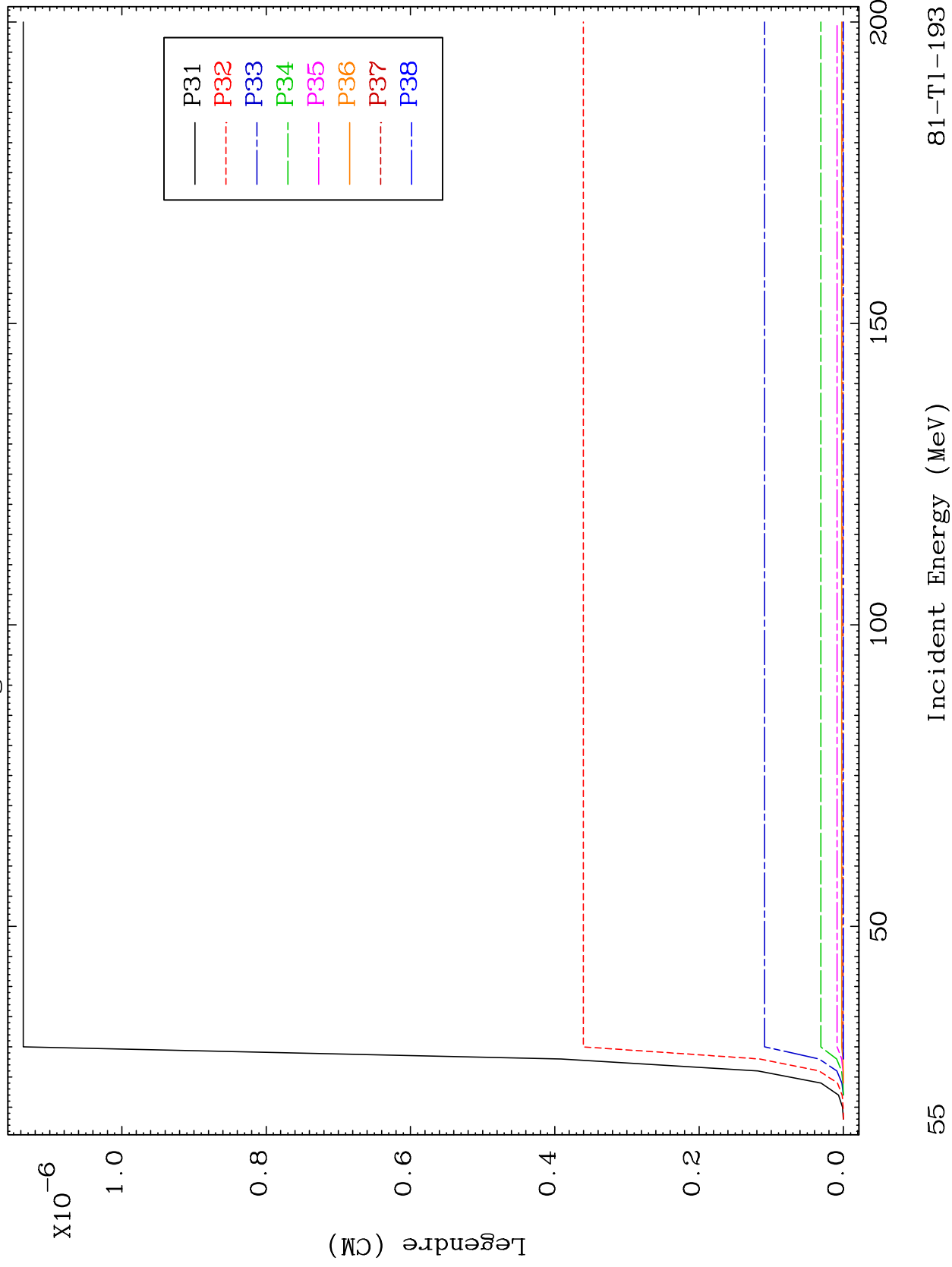
81-Tl-193



MAT 8095

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

81-Tl-193



81-Tl-193

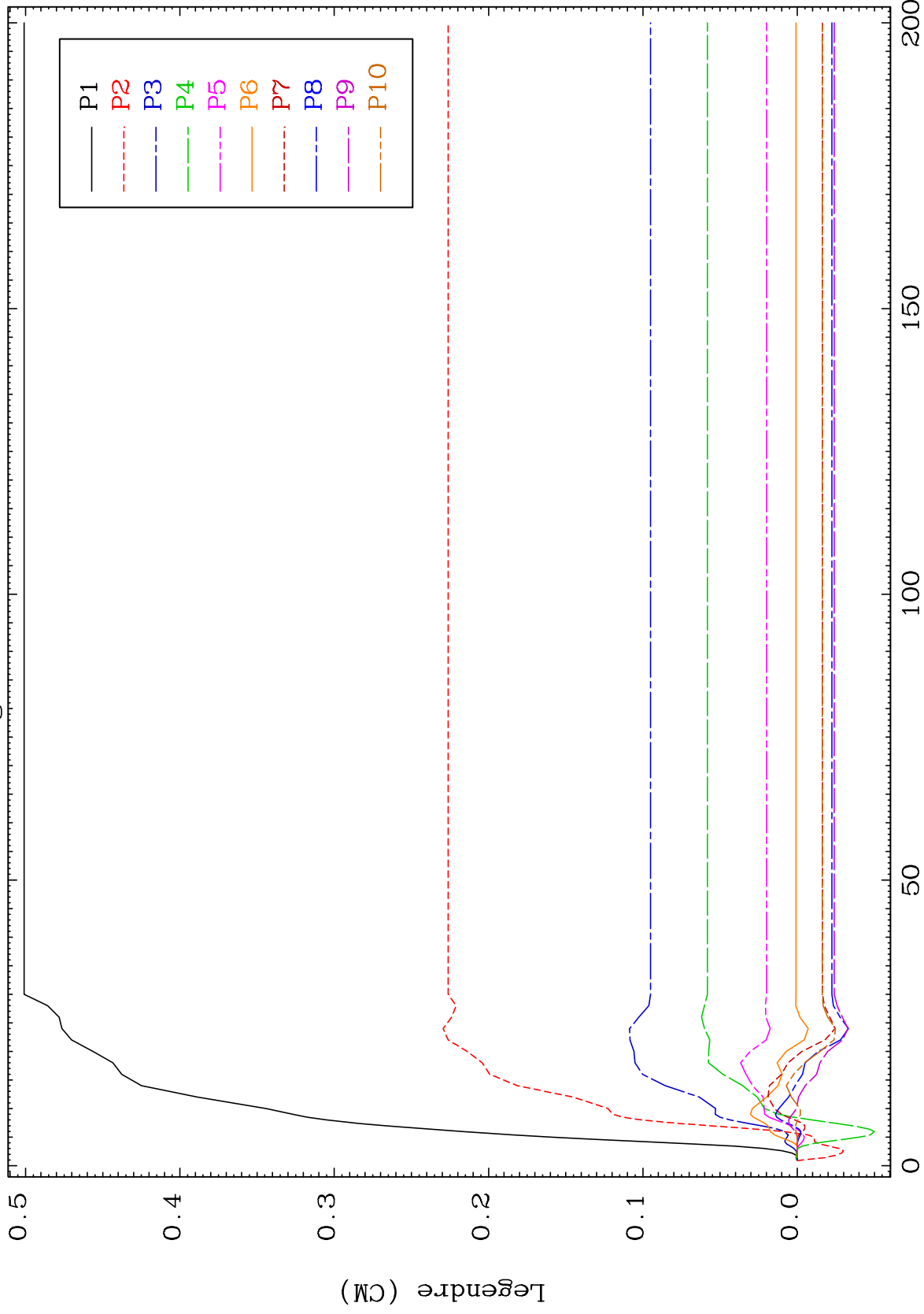
Incident Energy (MeV)

55

MAT 8095

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

81-Tl-193



56

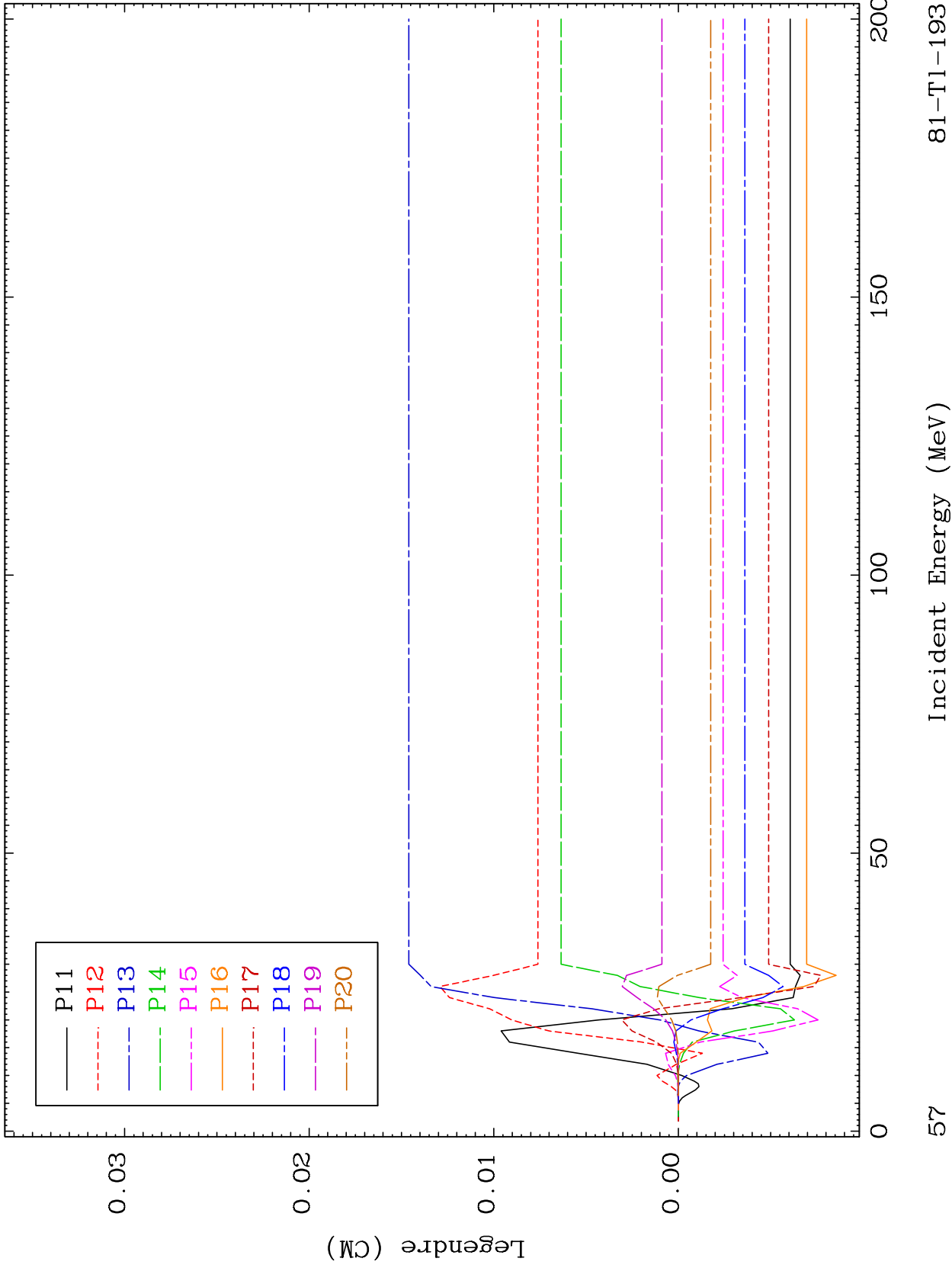
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

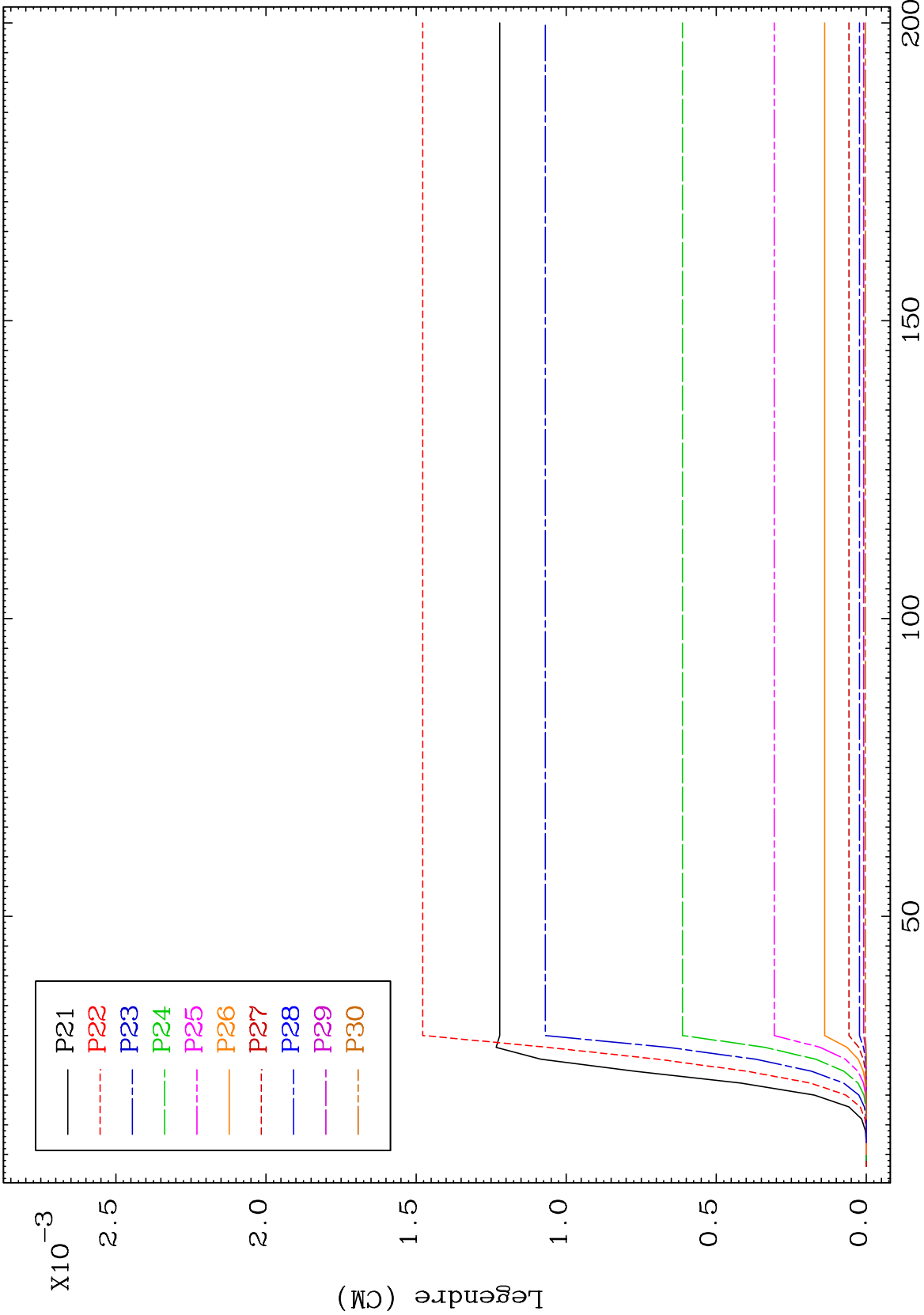
81-Tl-193



57

Incident Energy (MeV)

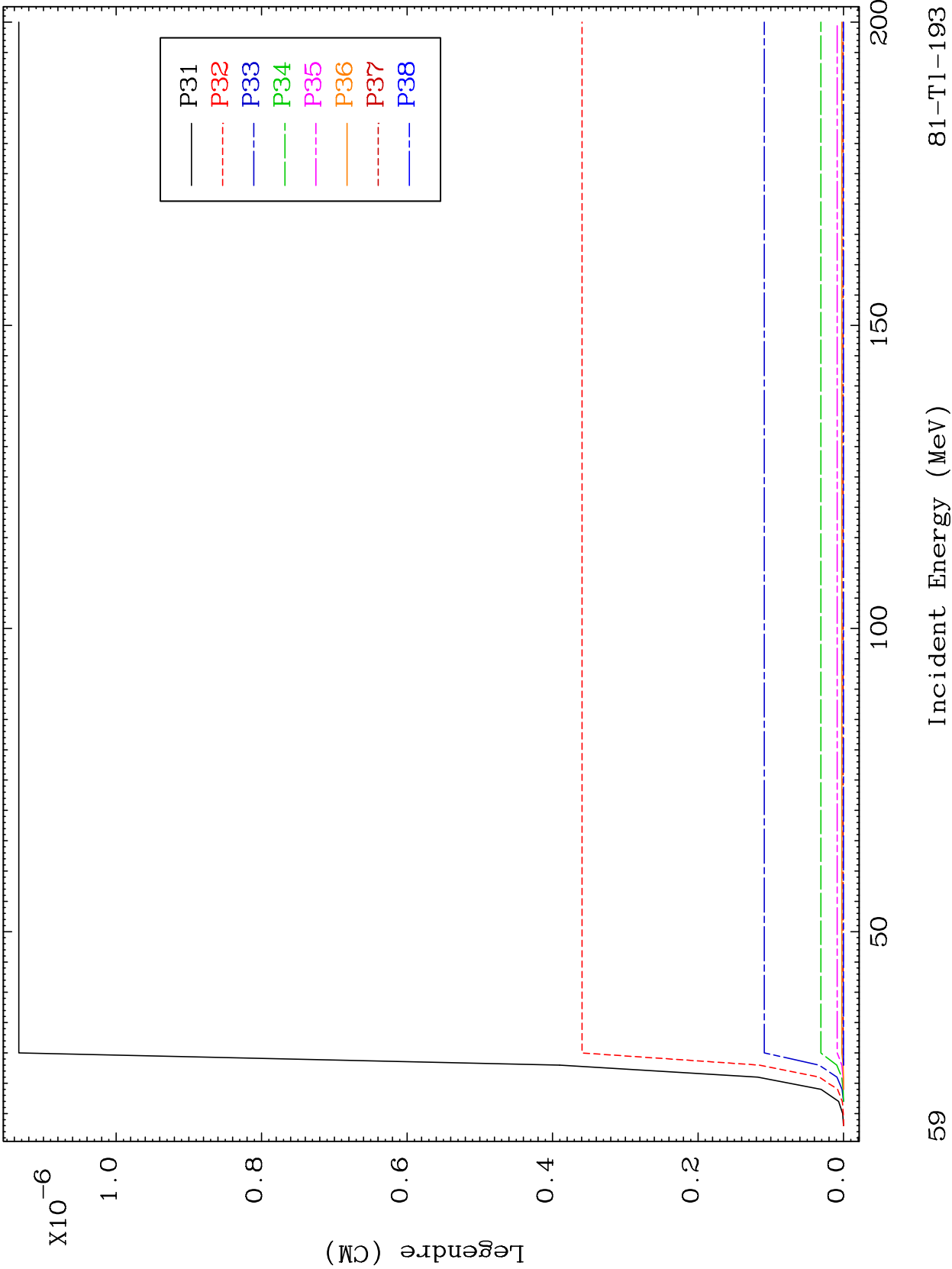
81-Tl-193



MAT 8095

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

81-Tl-193



59

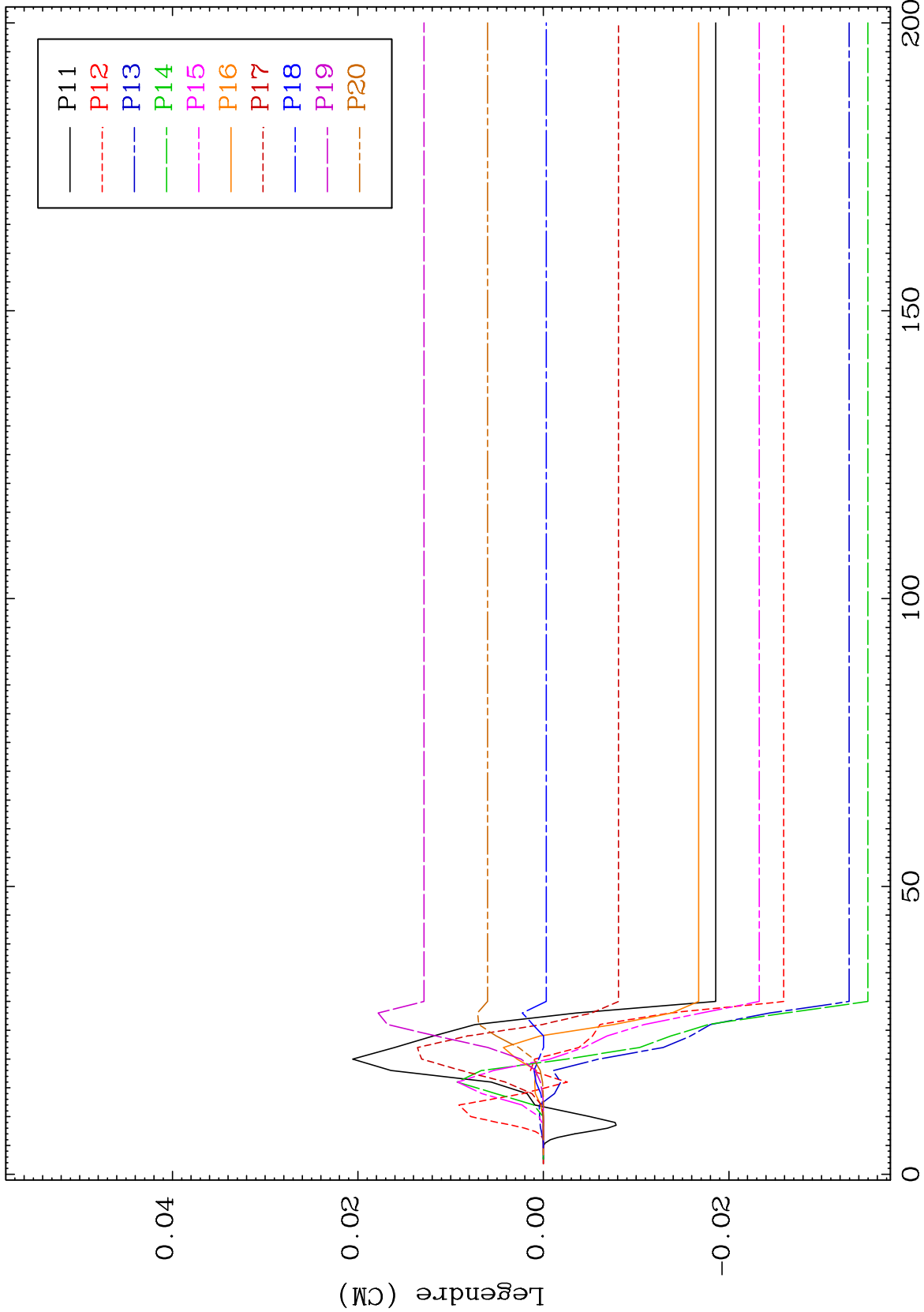
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

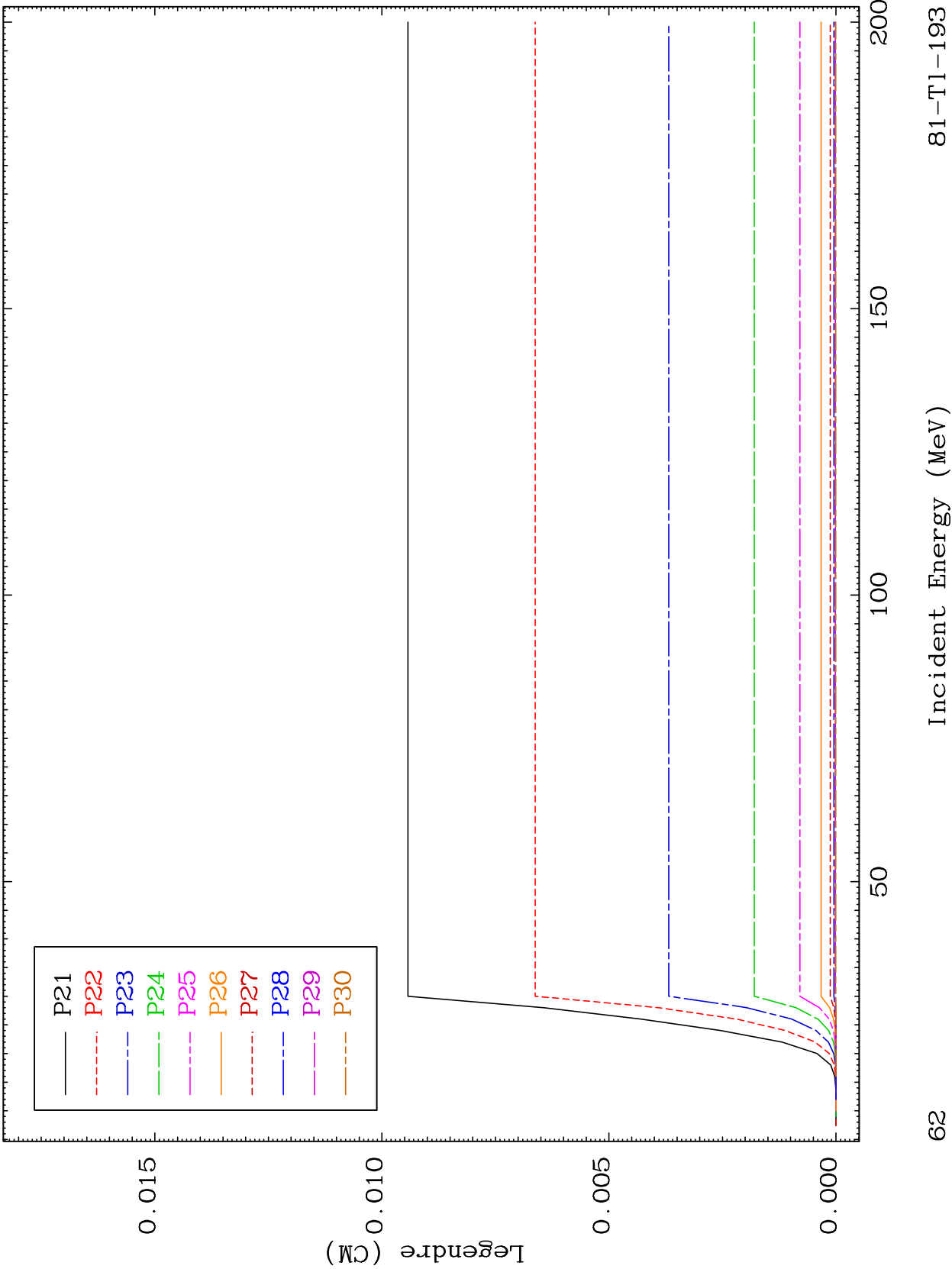
81-Tl-193



61

Incident Energy (MeV)

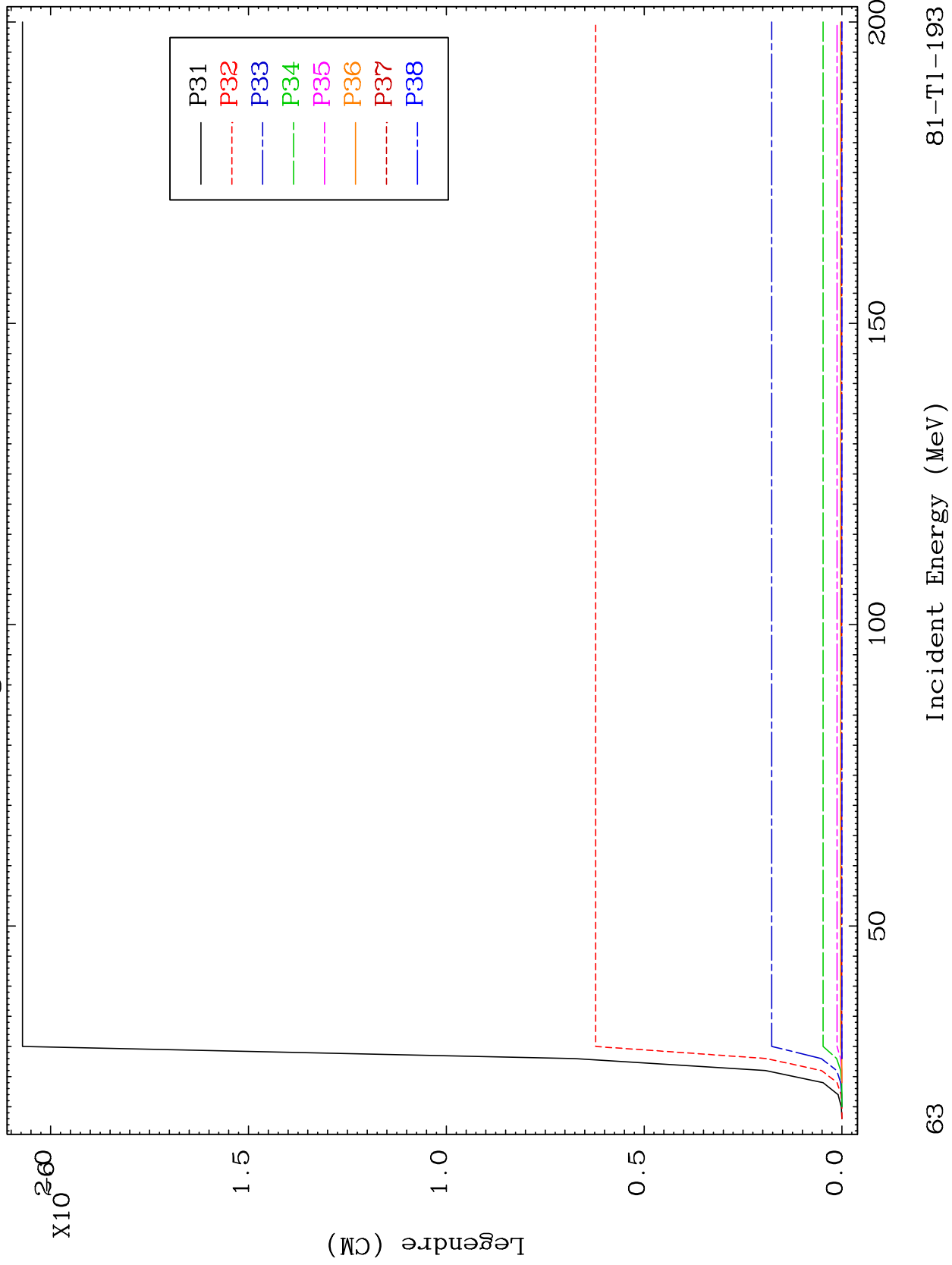
81-Tl-193



MAT 8095

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

81-T1-193



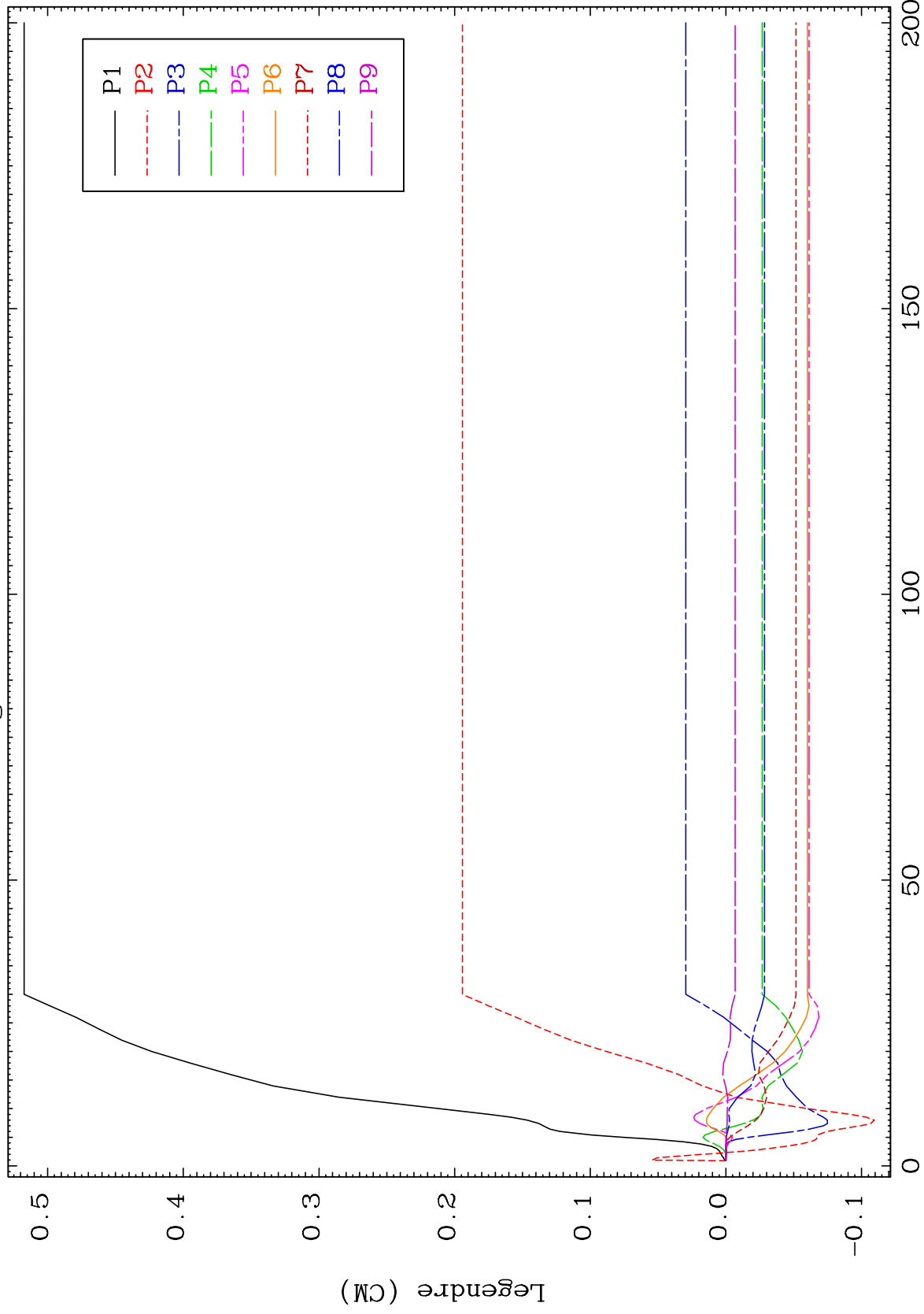
63

81-T1-193

MAT 8095

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

81-Tl-193



81-Tl-193

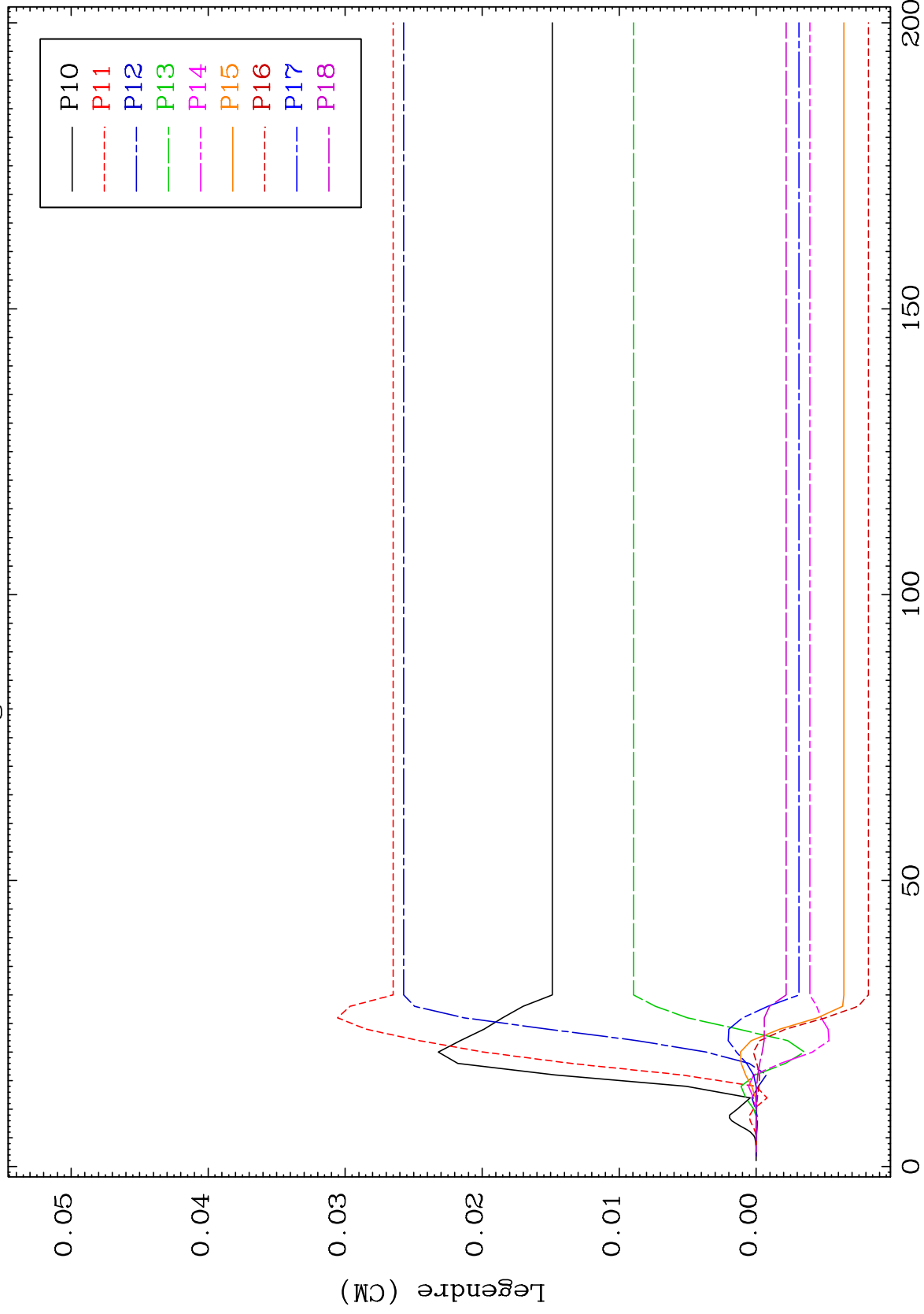
Incident Energy (MeV)

64

MAT 8095

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

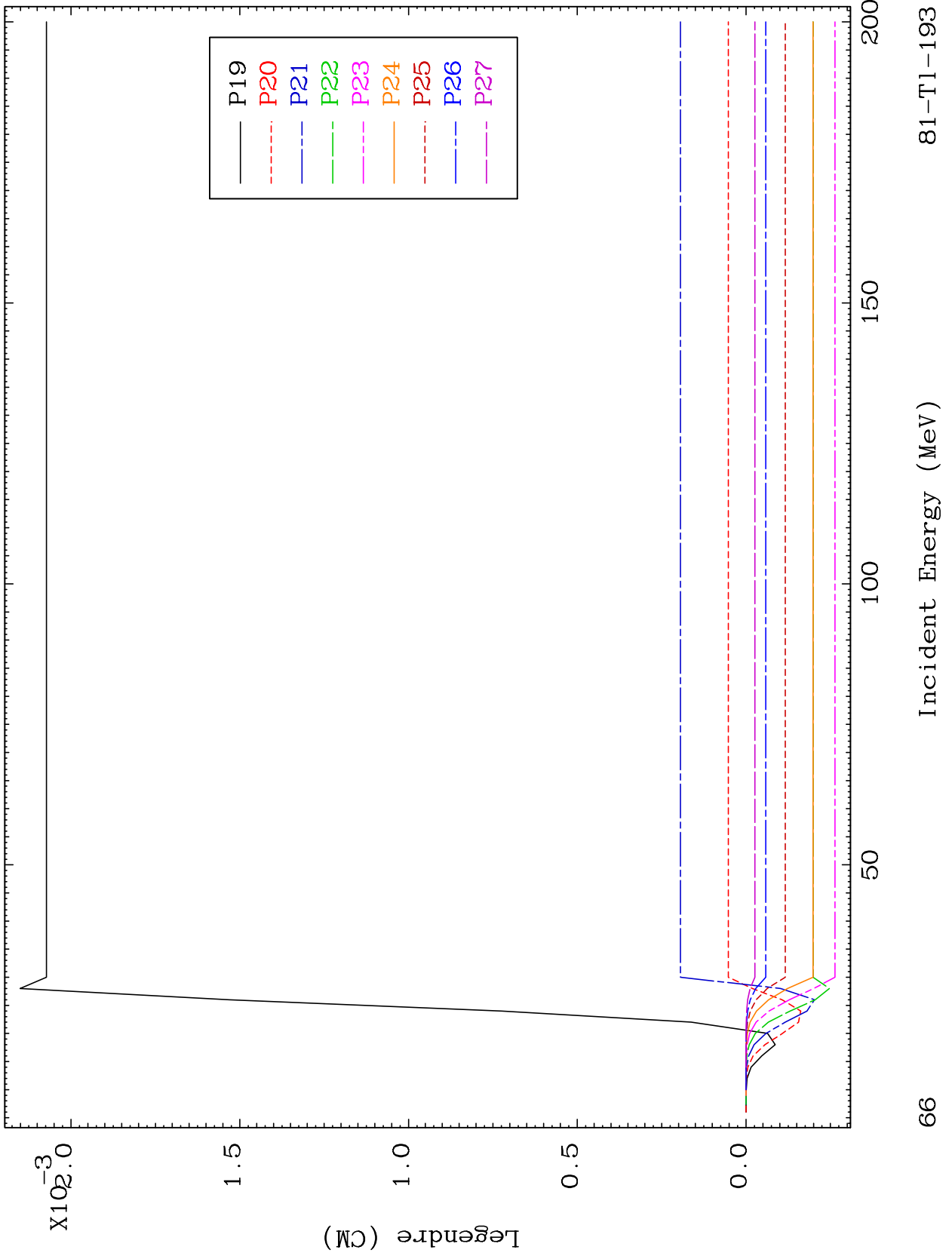
81-Tl-193



65

Incident Energy (MeV)

81-Tl-193

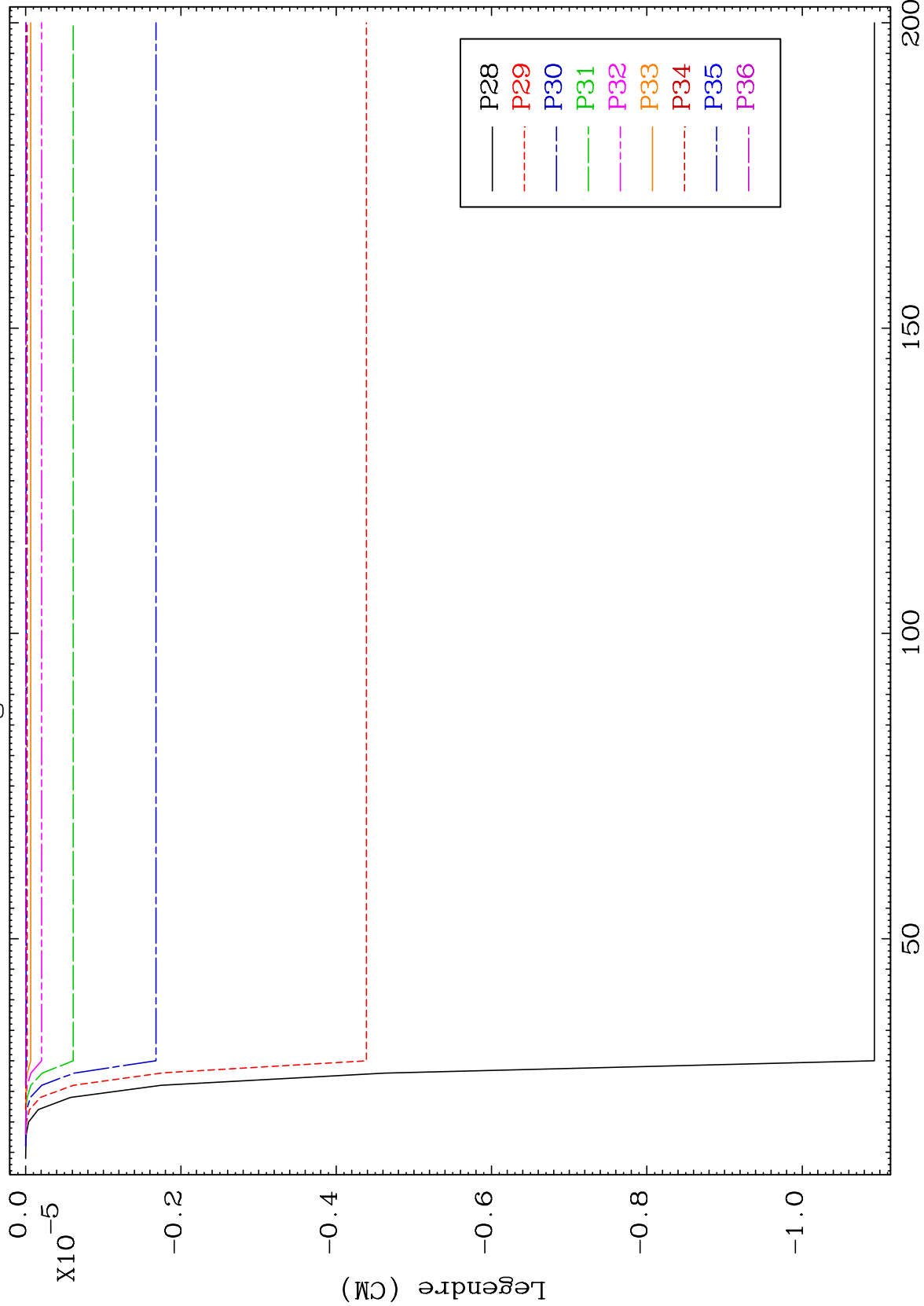


MAT 8095

MT= 62 (n,n') Level

81-Tl-193

Legendre Coefficients



67

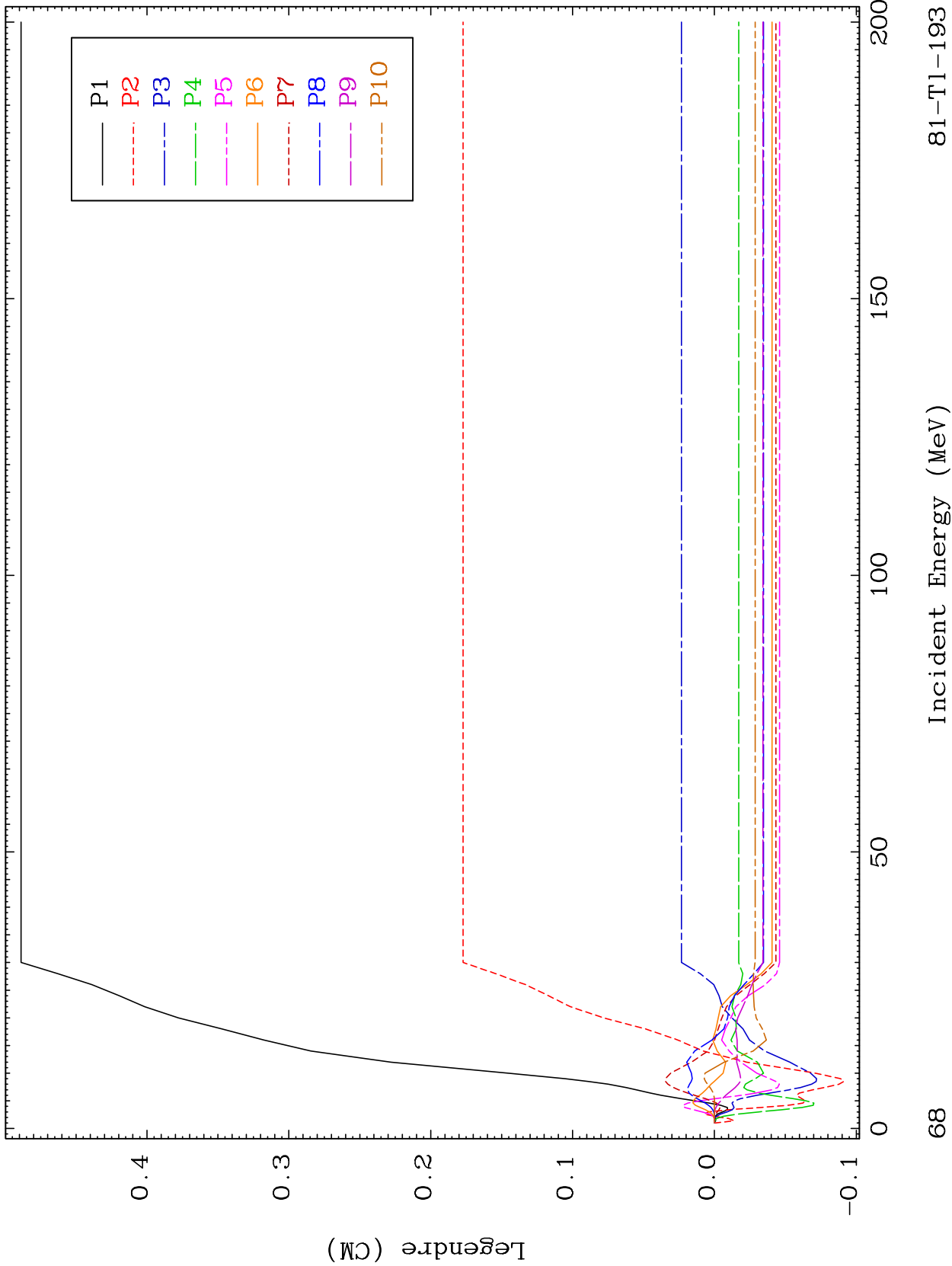
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



81-Tl-193

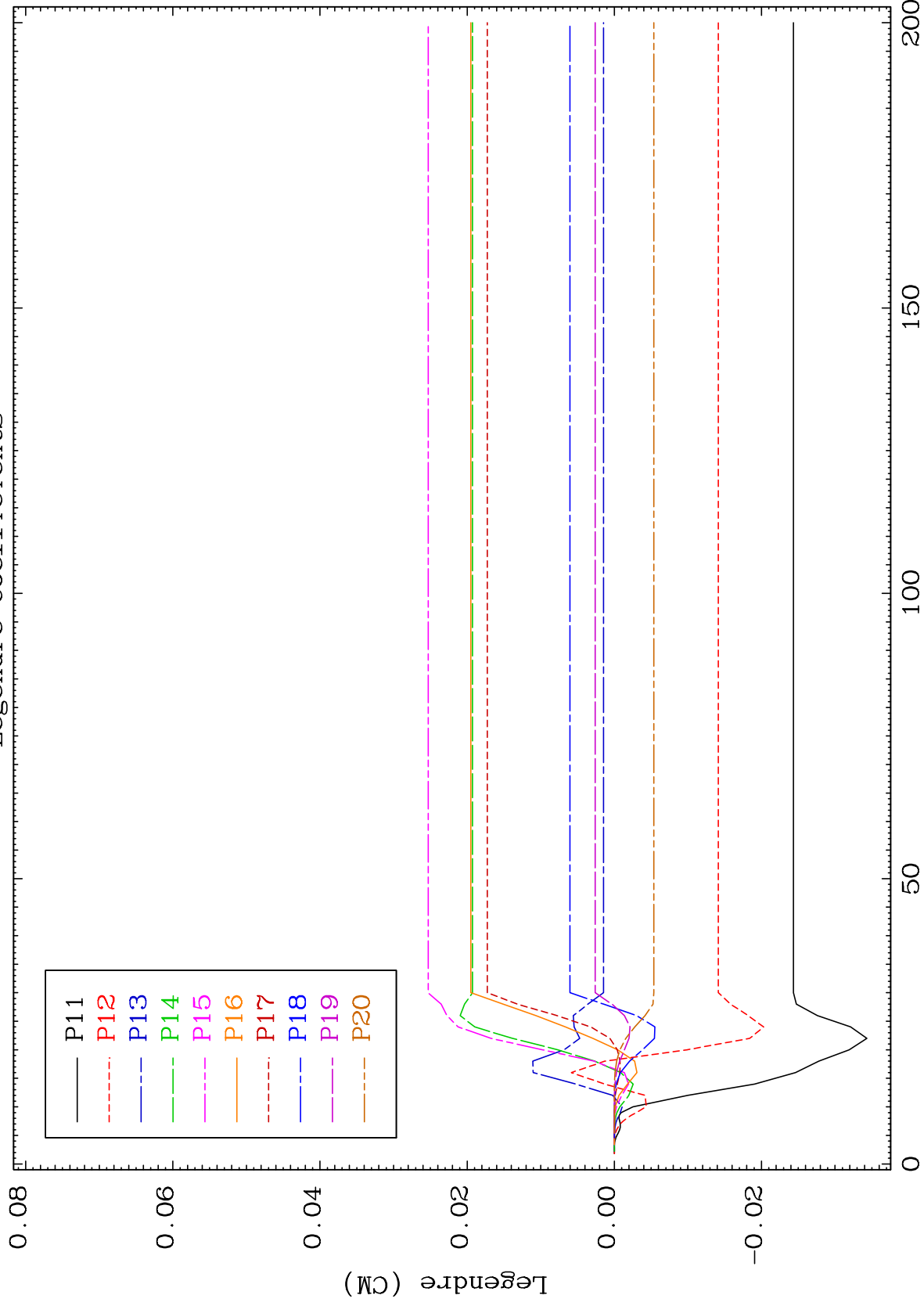
Incident Energy (MeV)

68

MAT 8095

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

81-T1-193



69

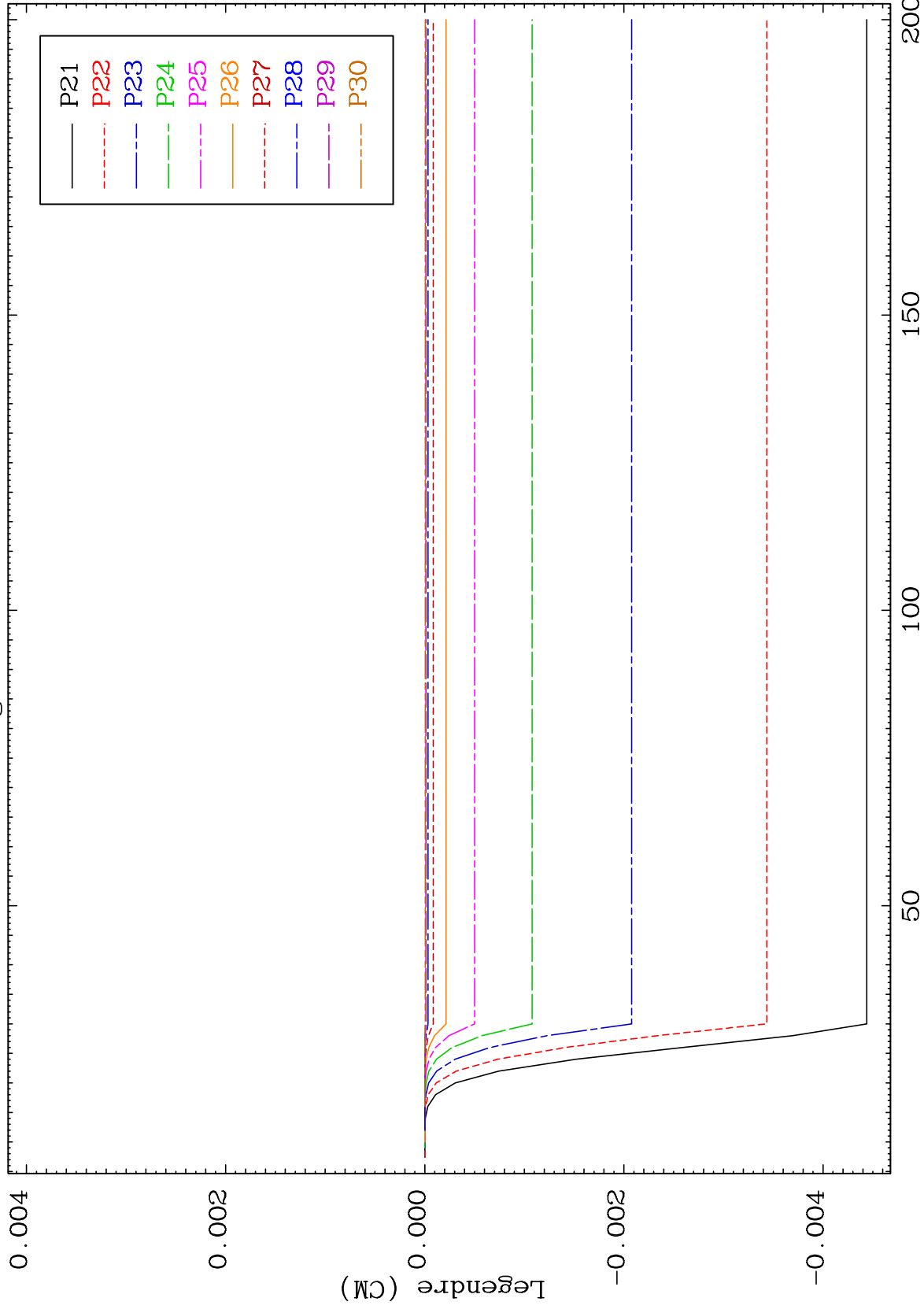
Incident Energy (MeV)

81-T1-193

MAT 8095

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

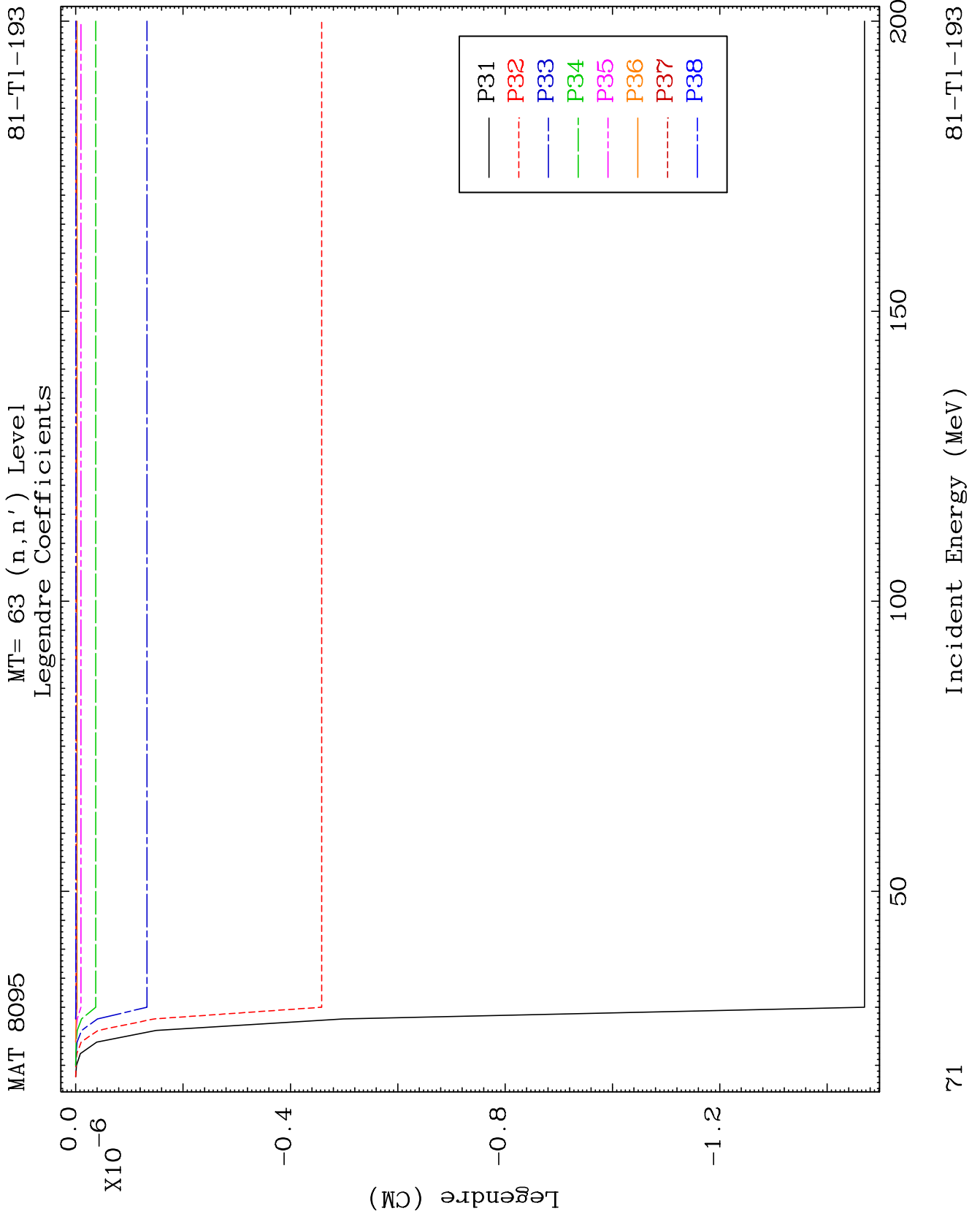
81-T1-193



70

Incident Energy (MeV)

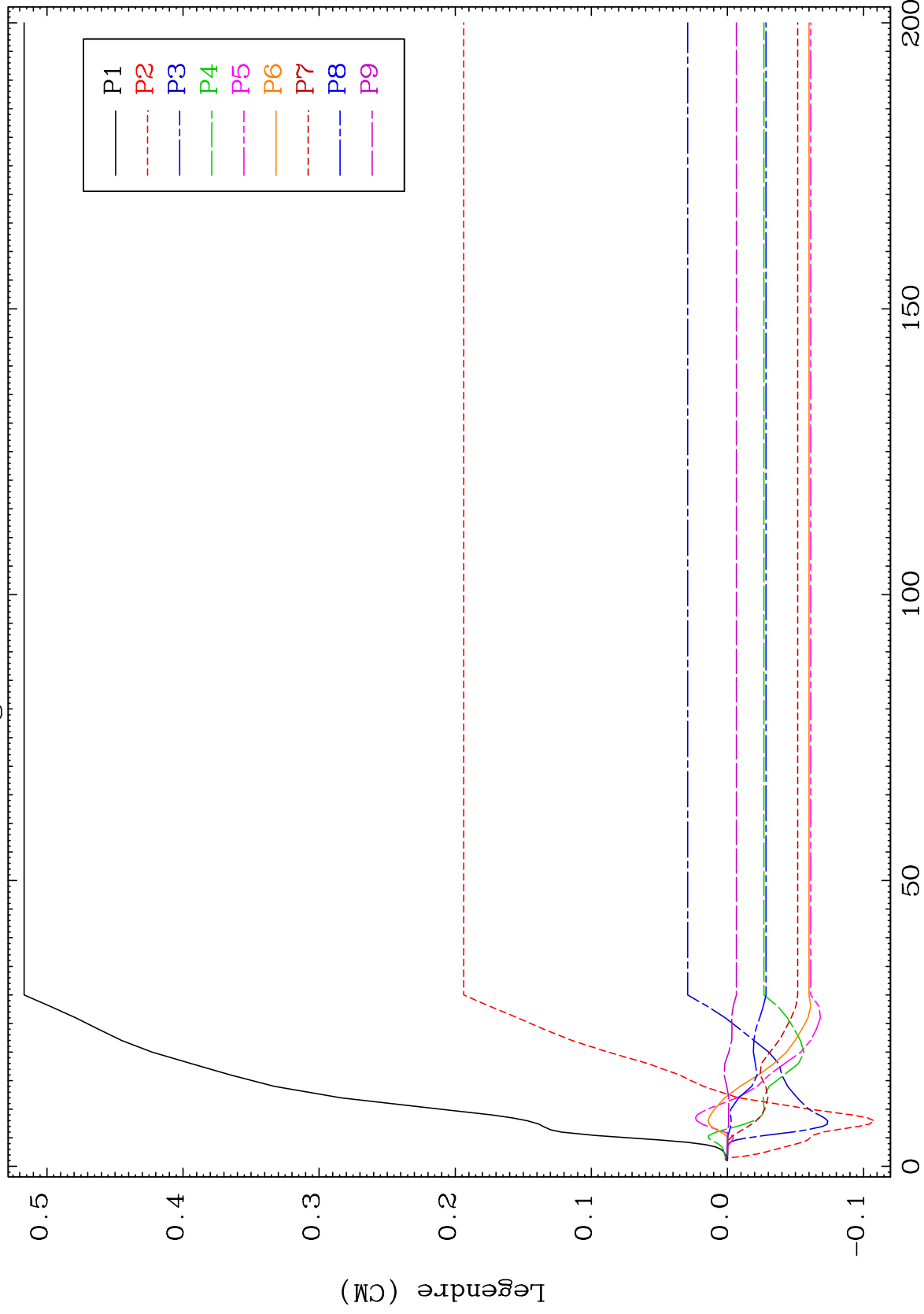
81-T1-193



MAT 8095

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

81-T1-193



72

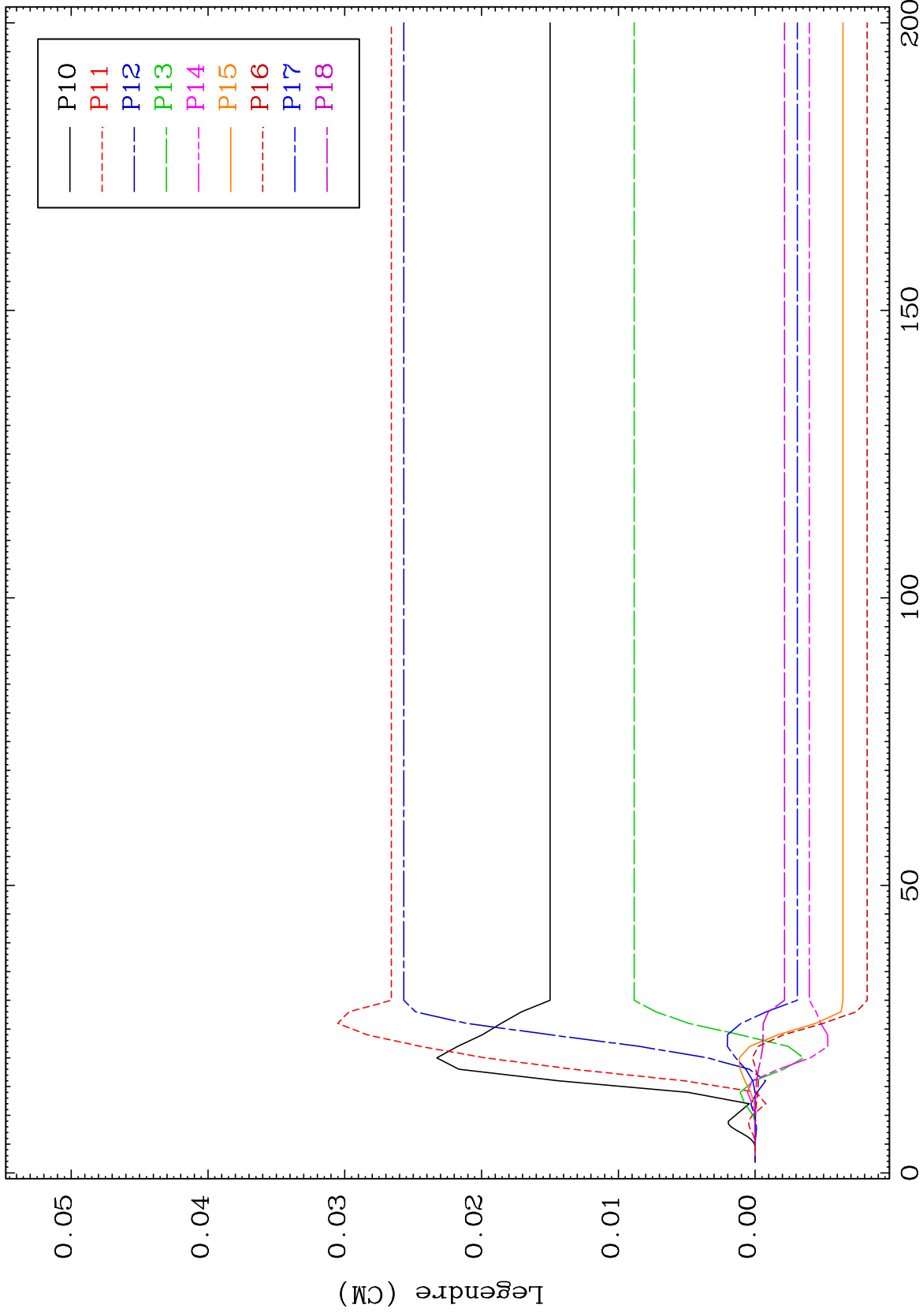
Incident Energy (MeV)

81-T1-193

MAT 8095

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

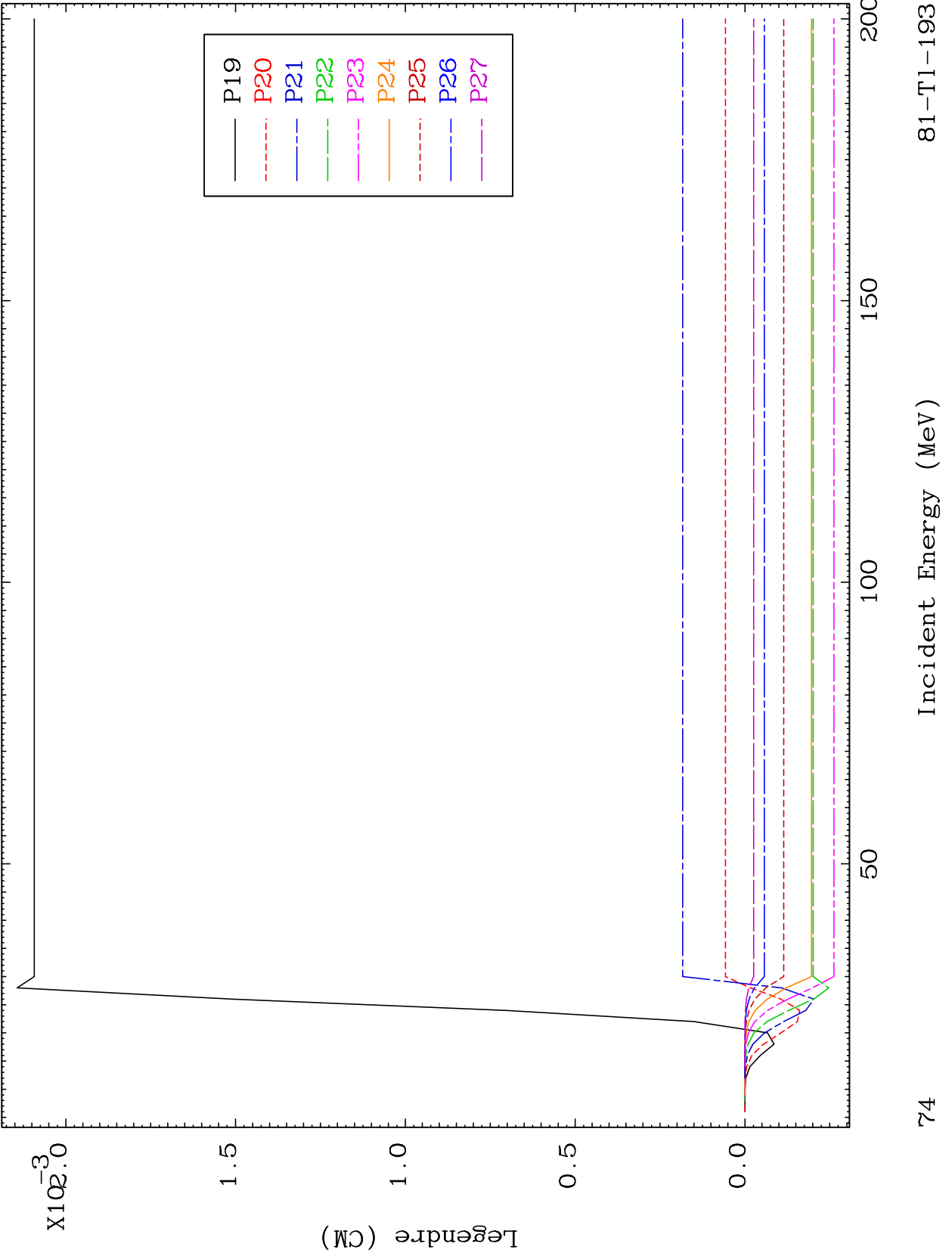
81-T1-193



73

Incident Energy (MeV)

81-T1-193

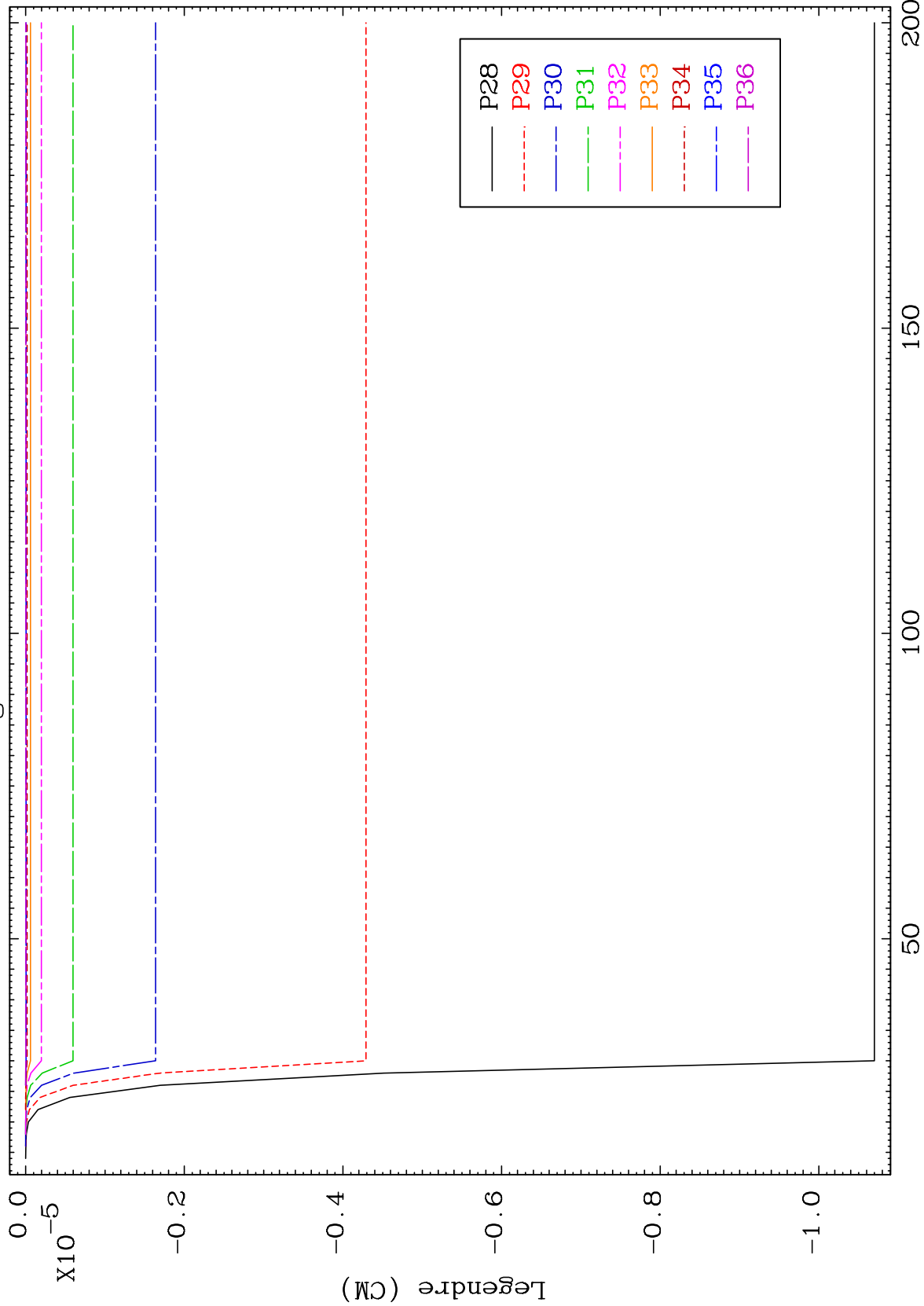


MAT 8095

MT= 64 (n,n') Level

81-Tl-193

Legendre Coefficients



75

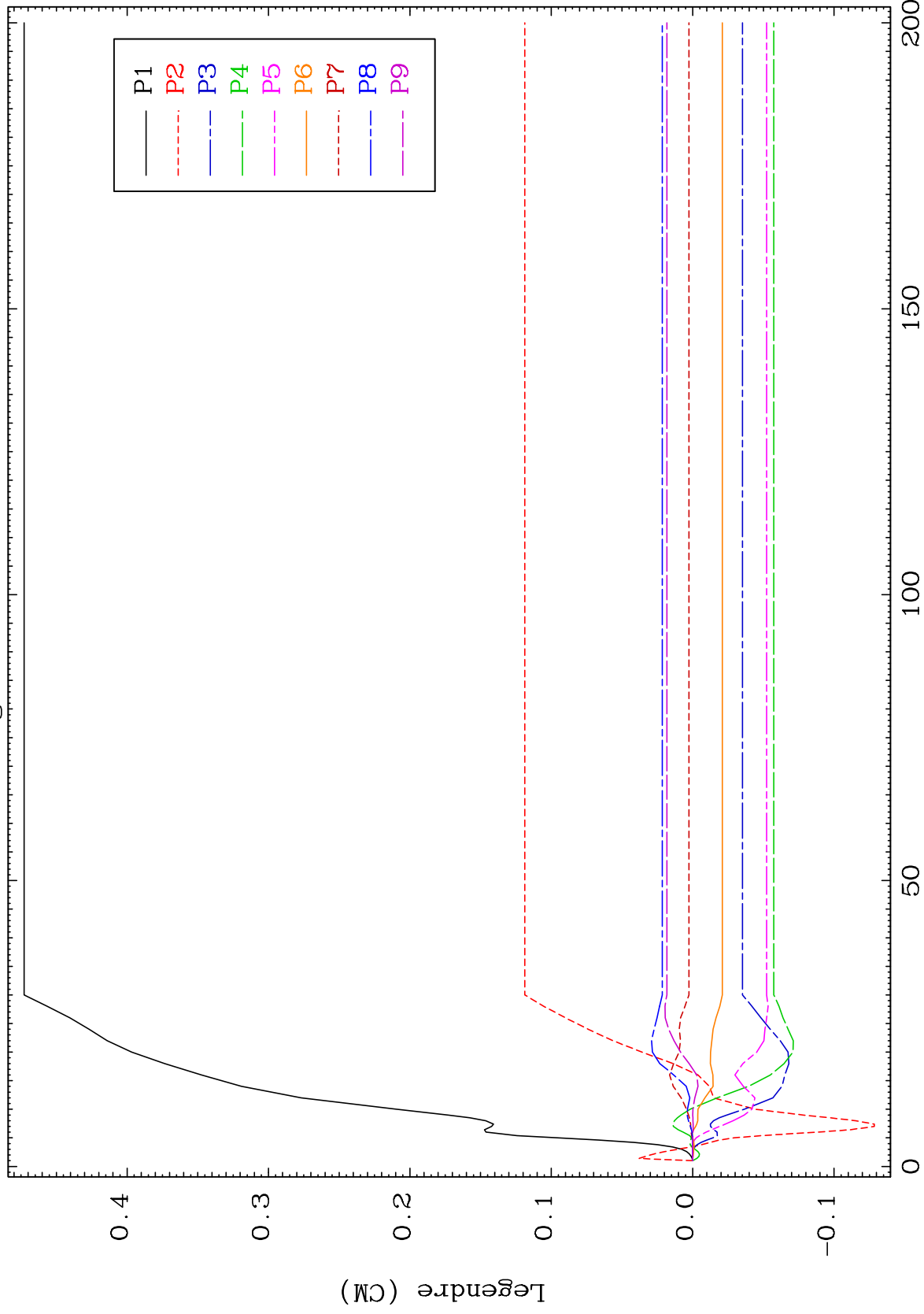
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193



76

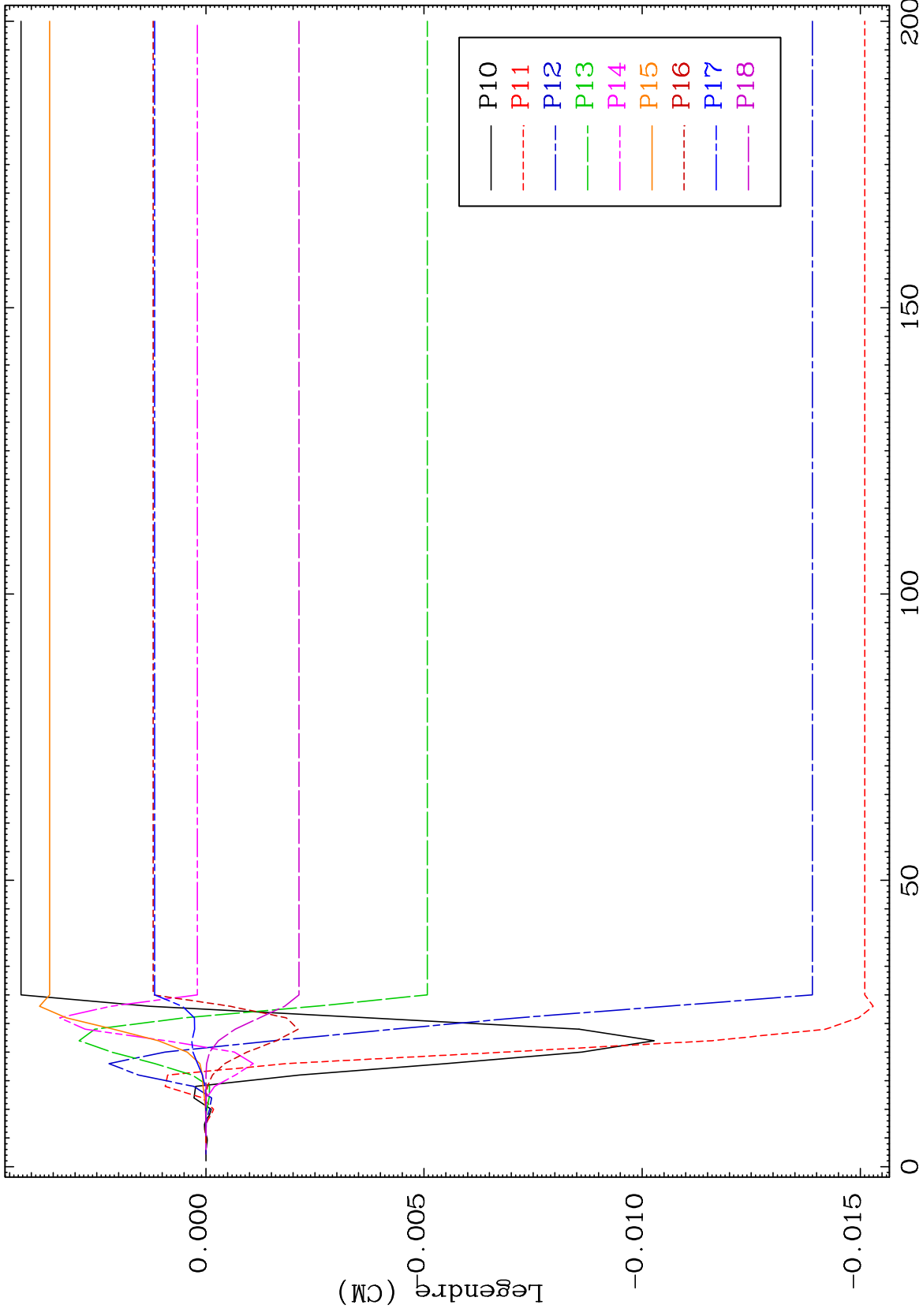
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-T1-193



77

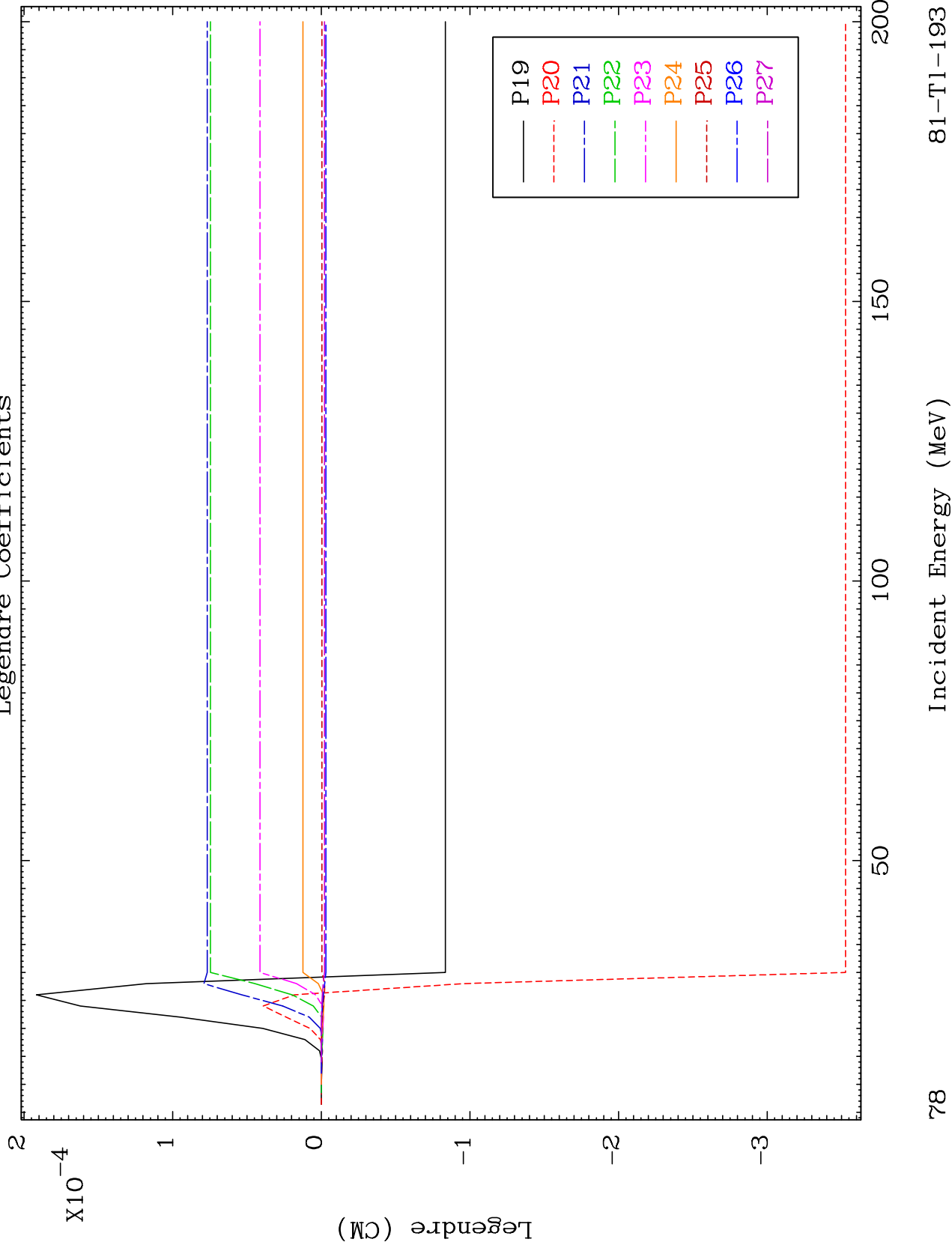
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-Tl-193



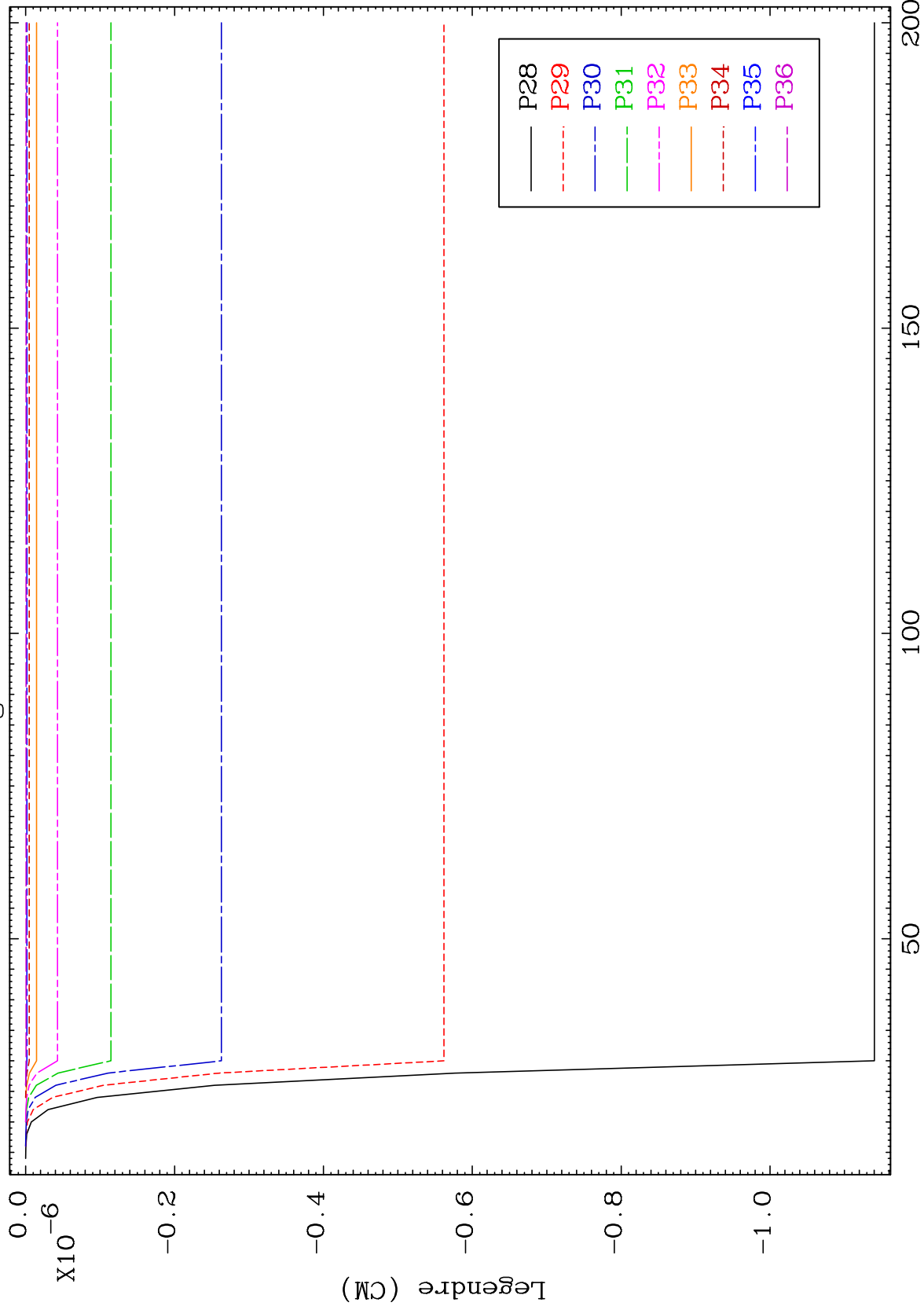
78

81-Tl-193

MAT 8095

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

81-Tl-193



79

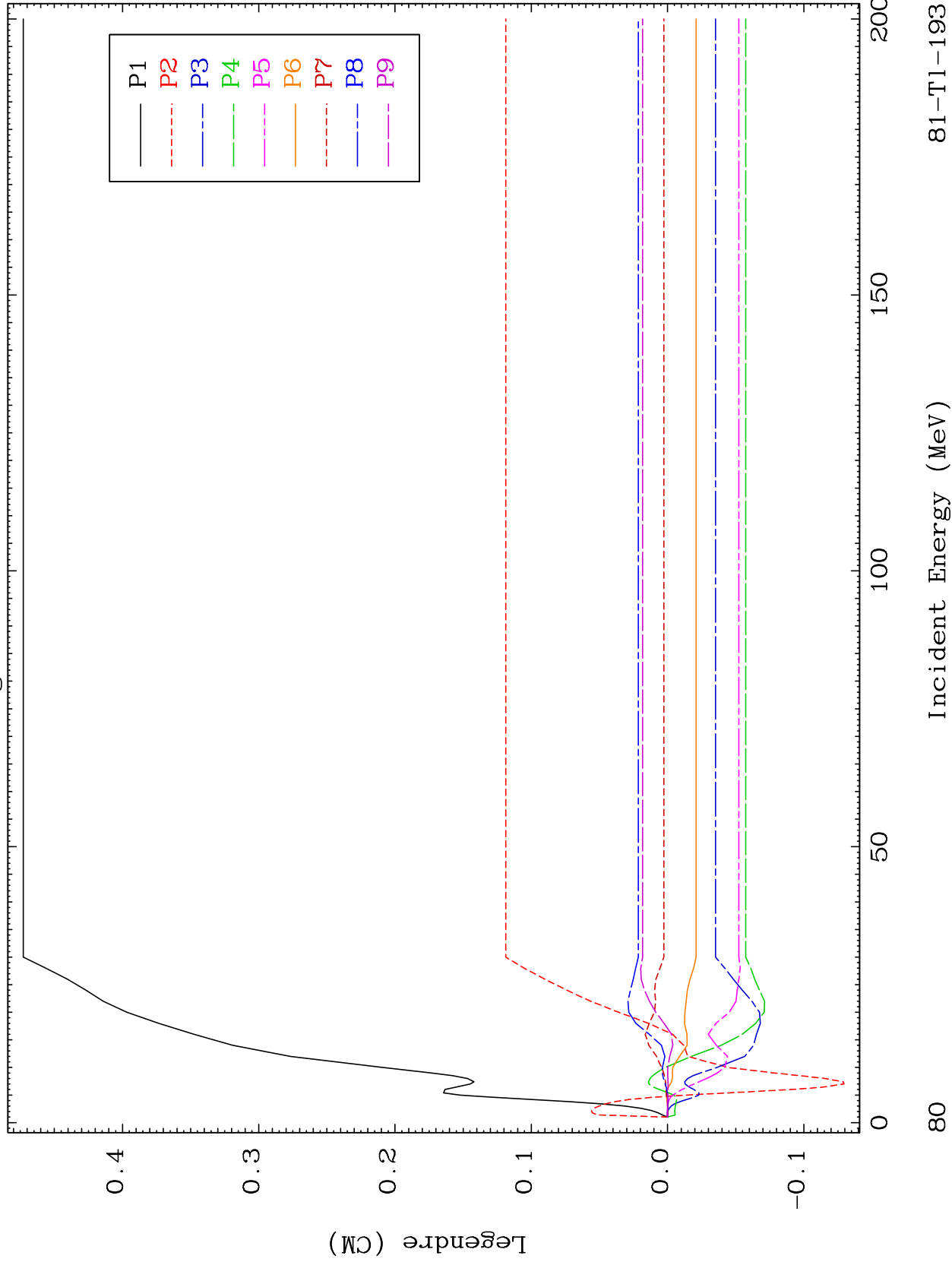
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193



81-T1-193

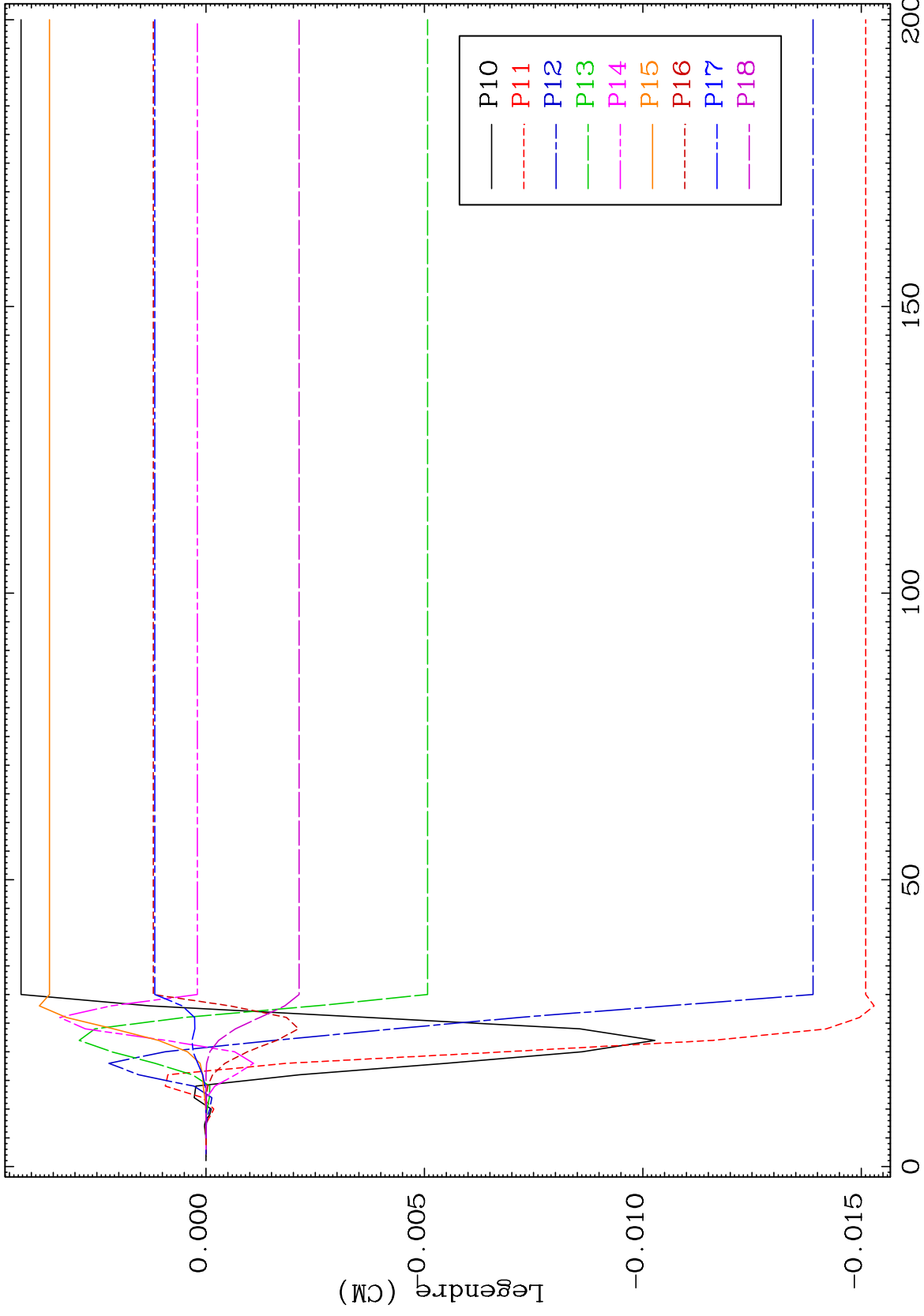
Incident Energy (MeV)

80

MAT 8095

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

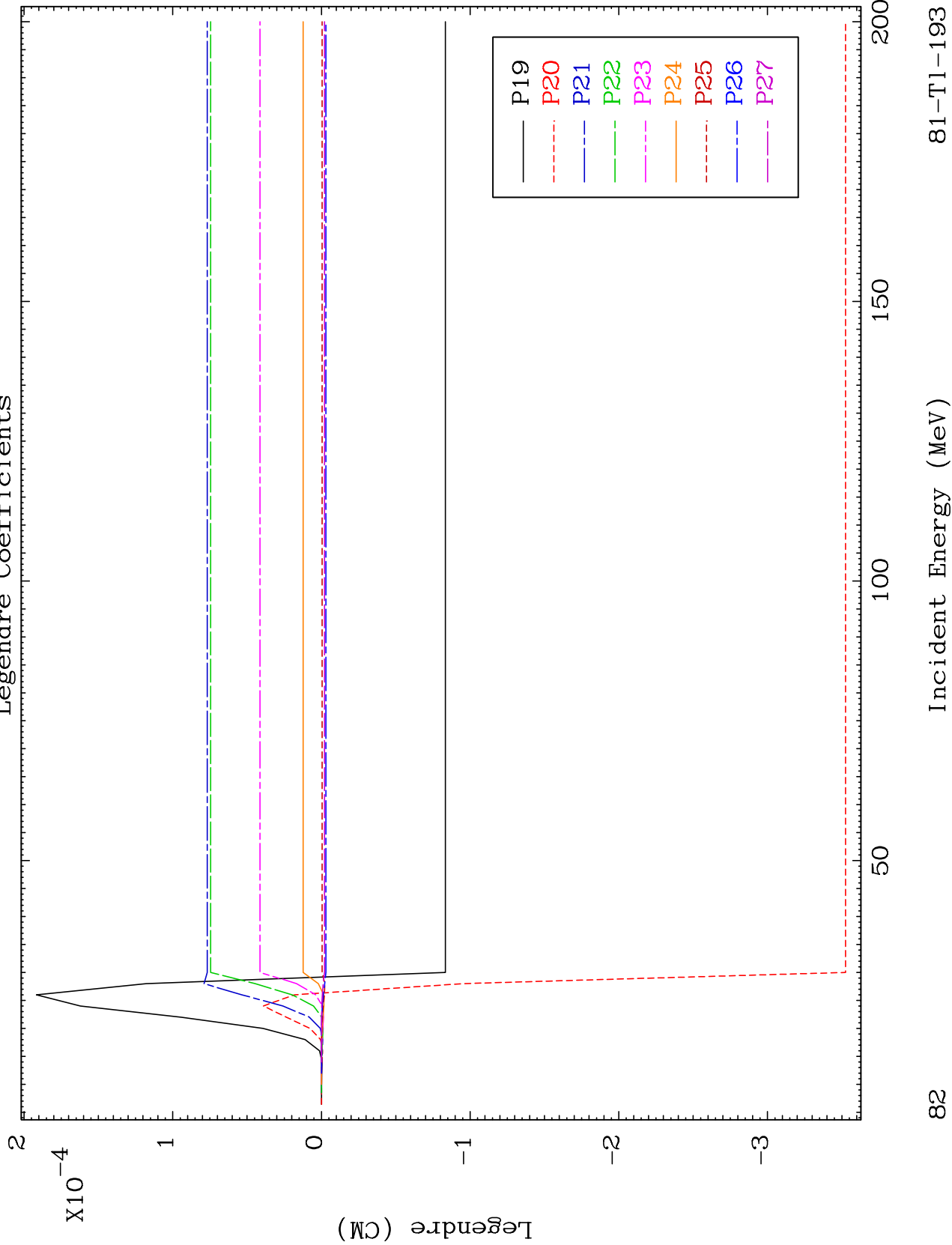
81-T1-193

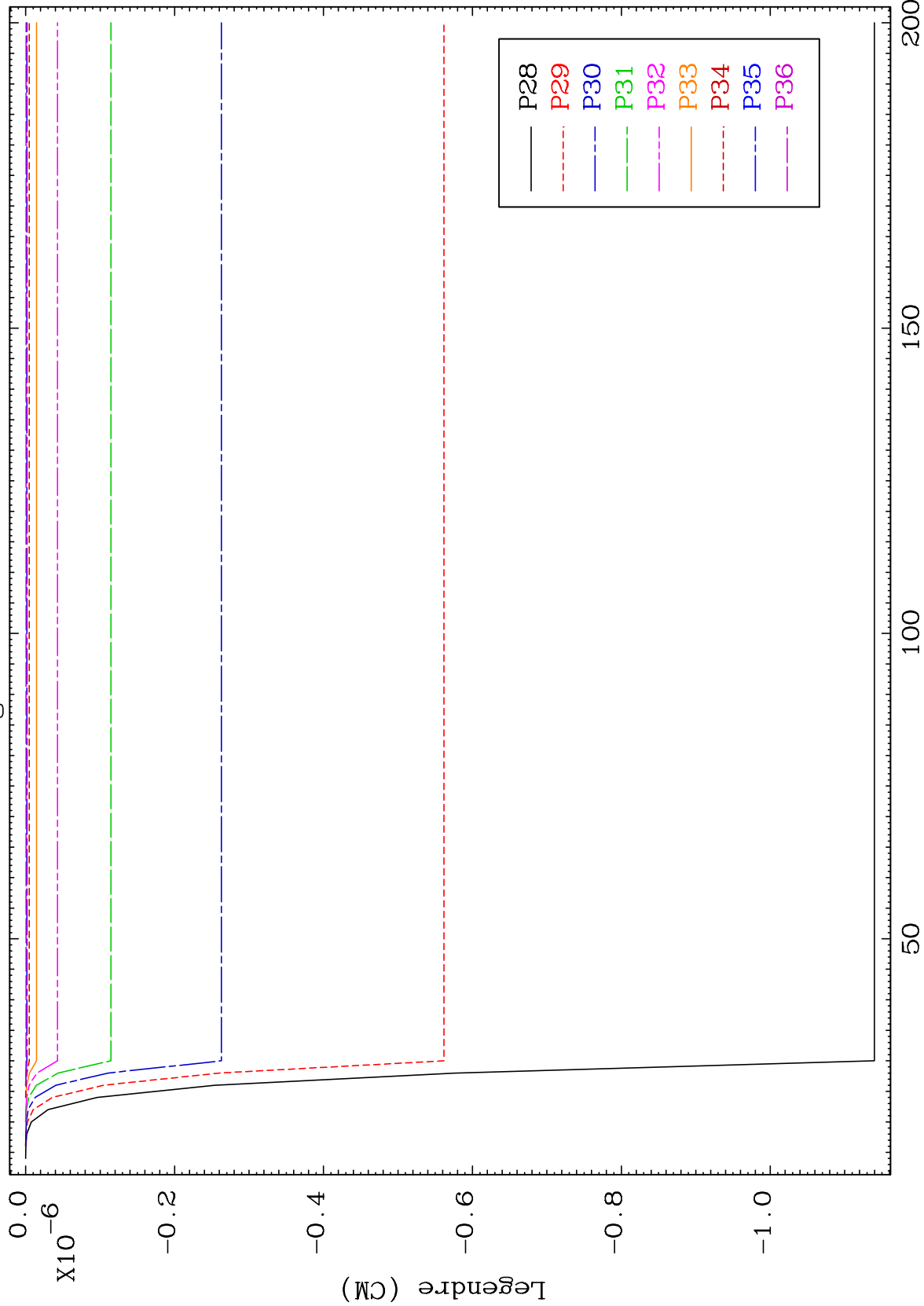


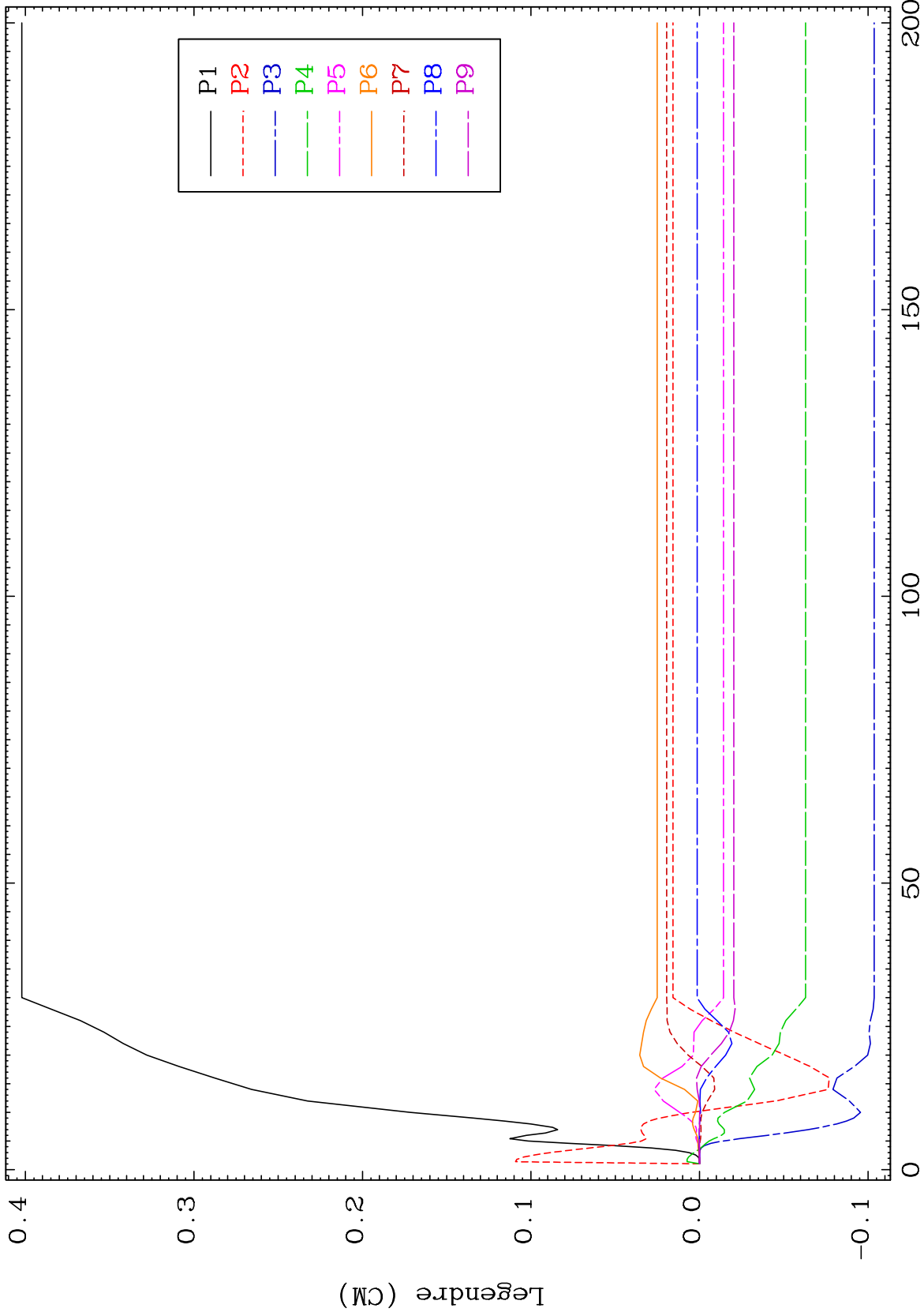
81

Incident Energy (MeV)

81-T1-193



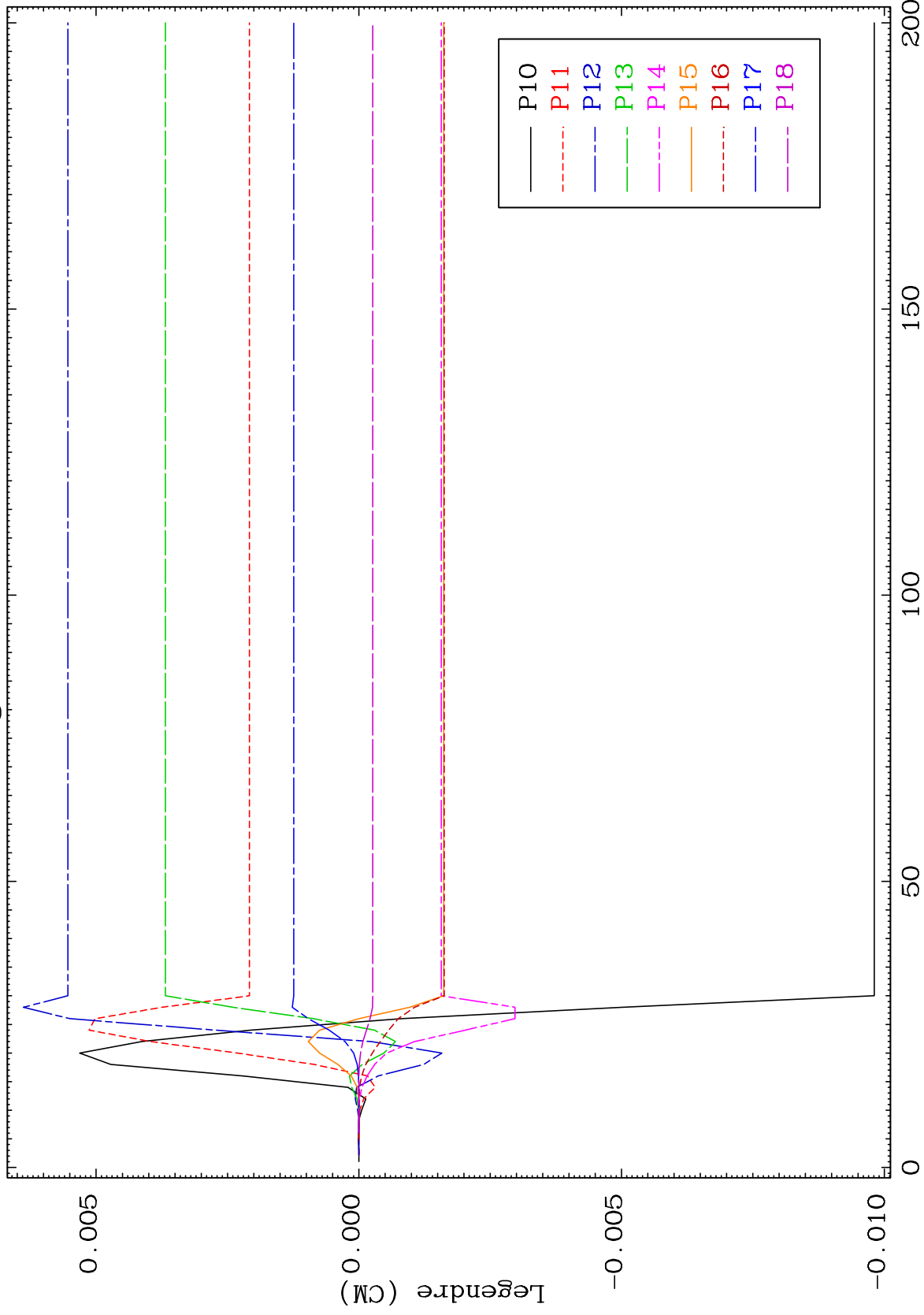




MAT 8095

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

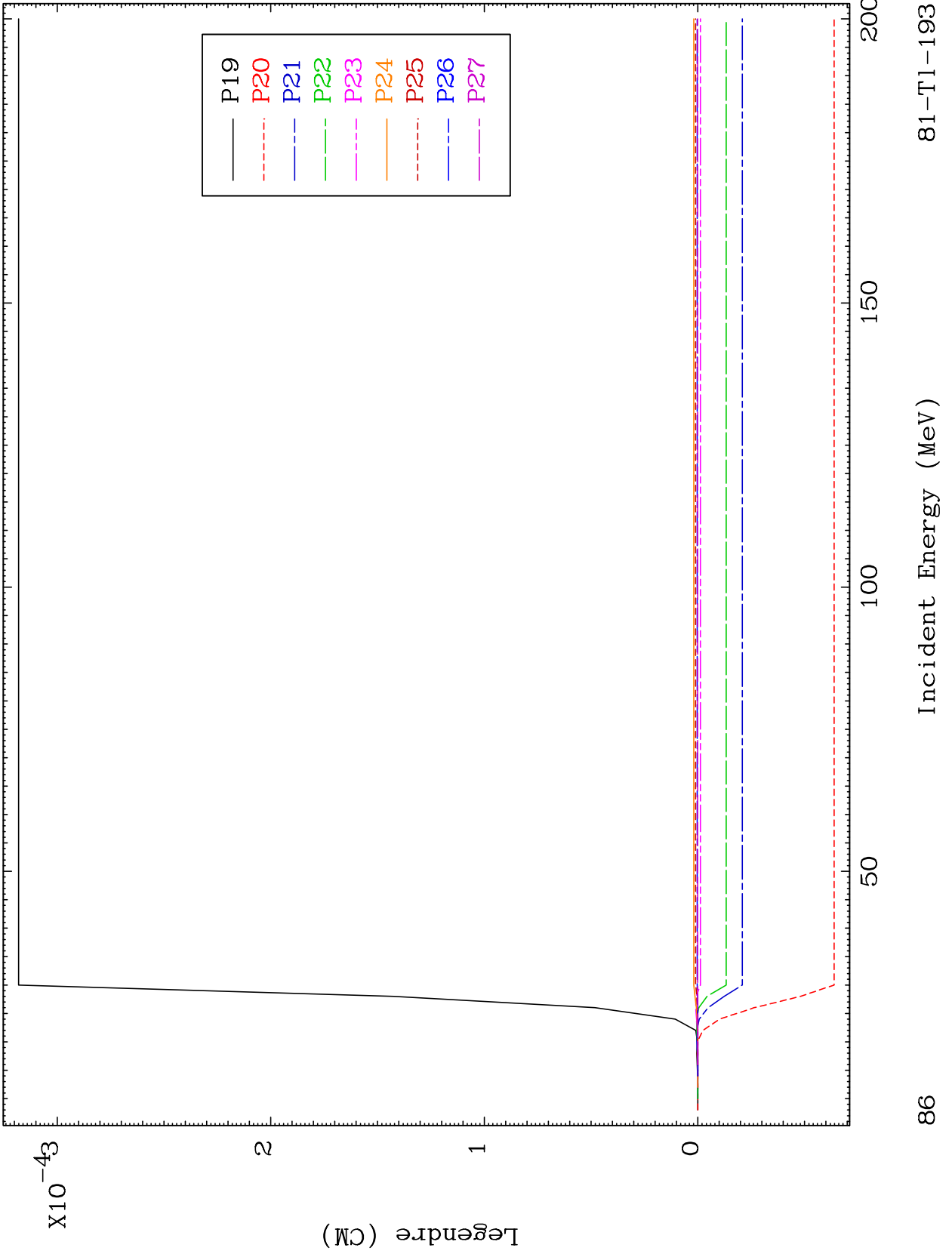
81-T1-193

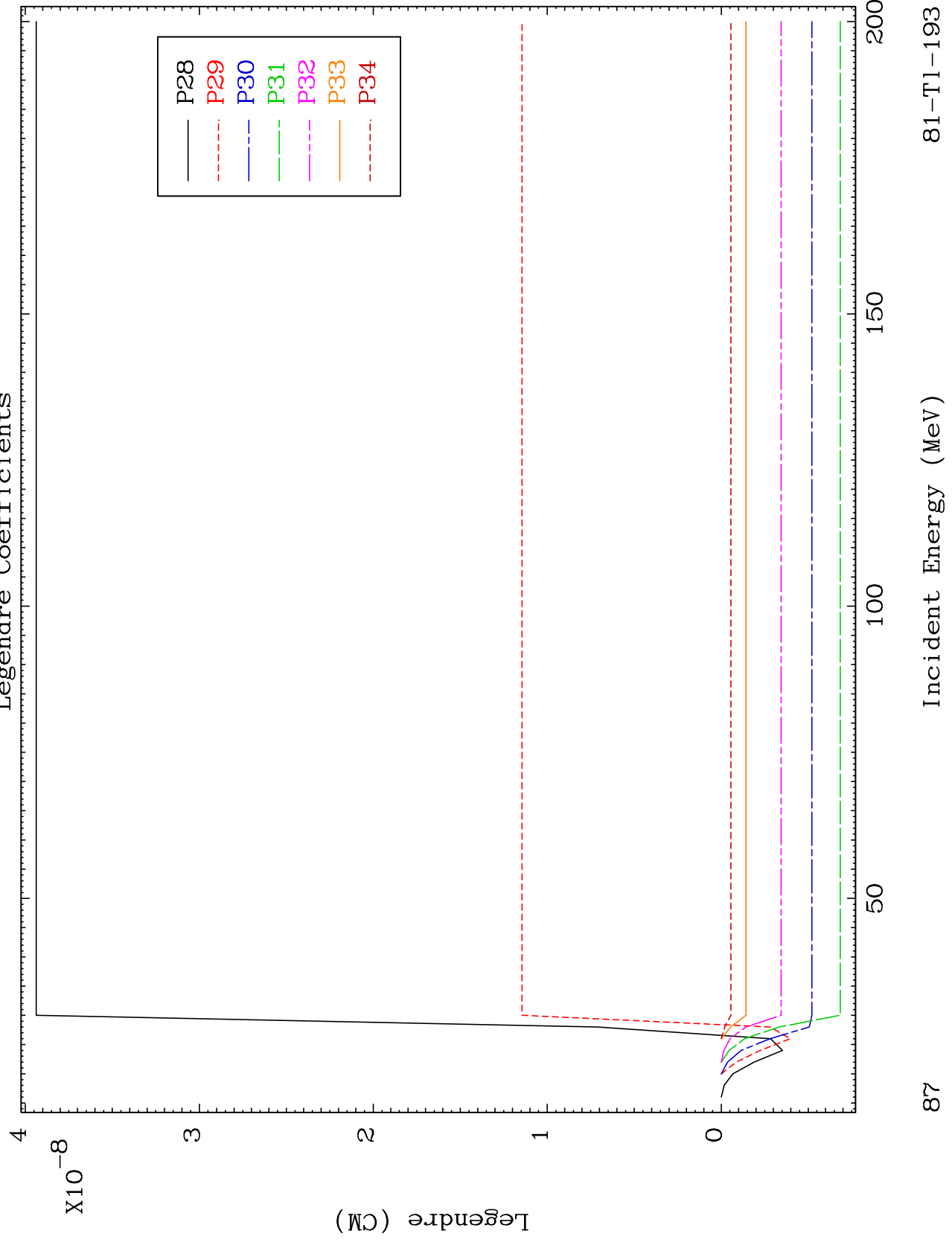


85

Incident Energy (MeV)

81-T1-193

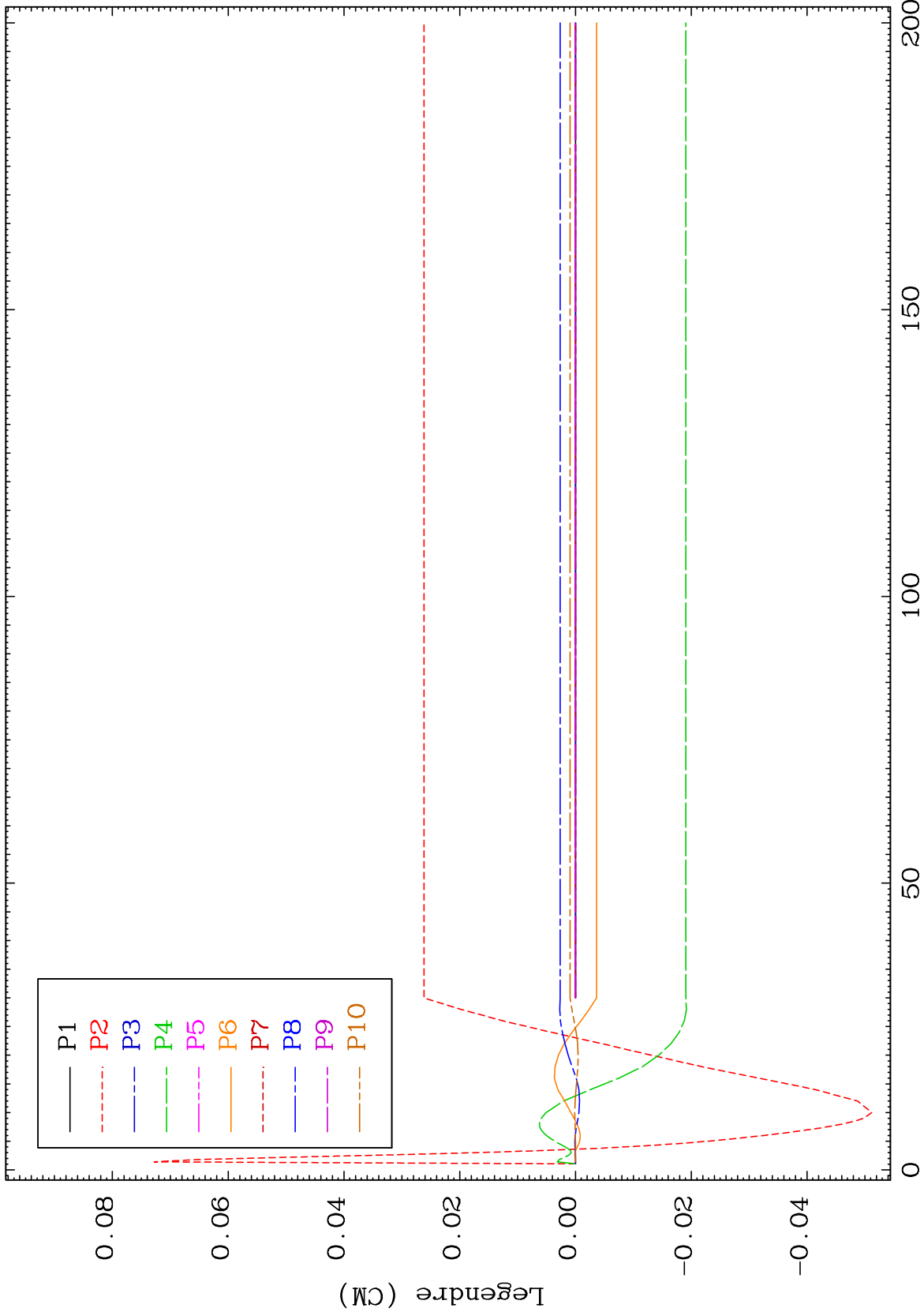




MAT 8095

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

81-T1-193



88

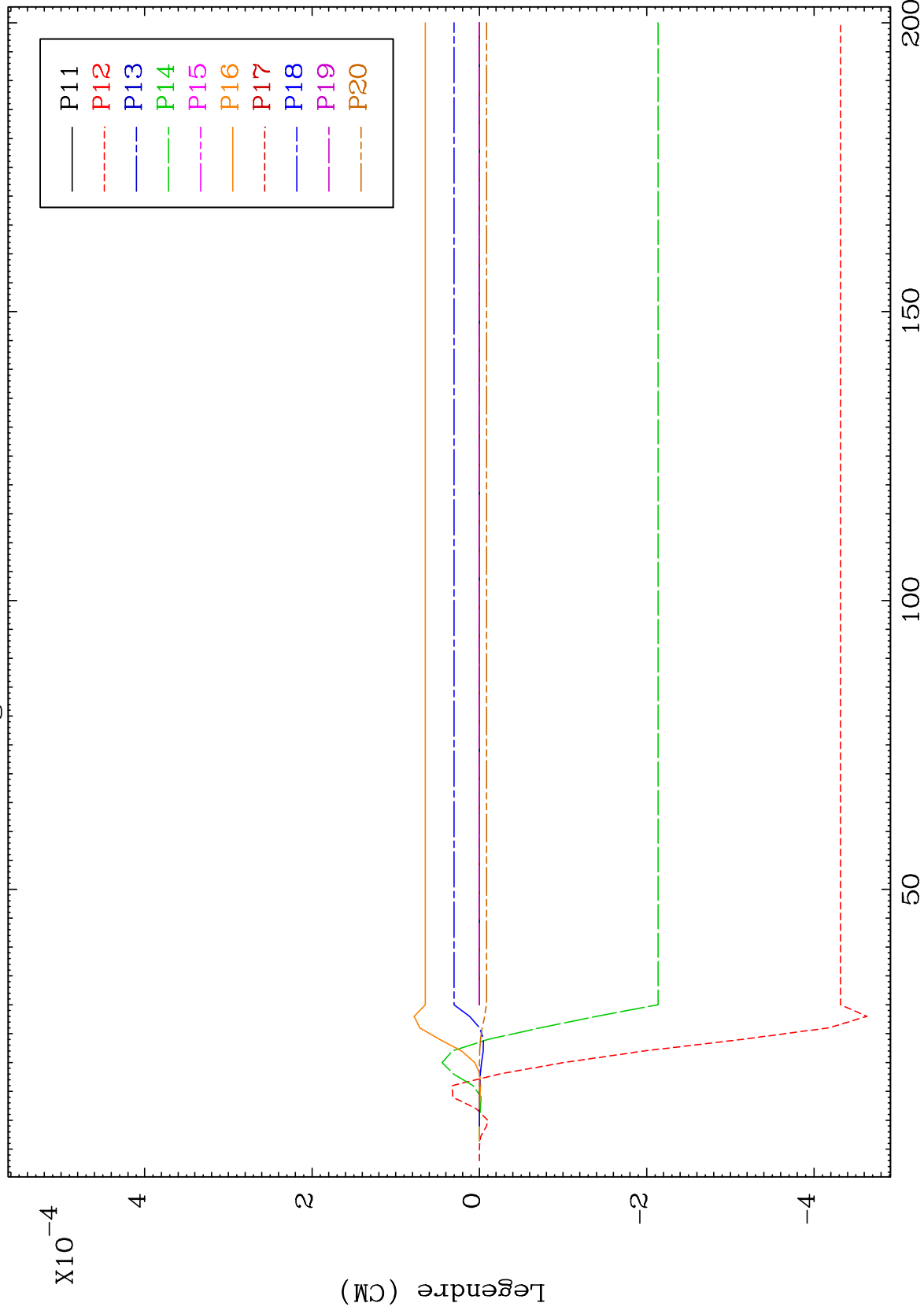
Incident Energy (MeV)

81-T1-193

MAT 8095

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

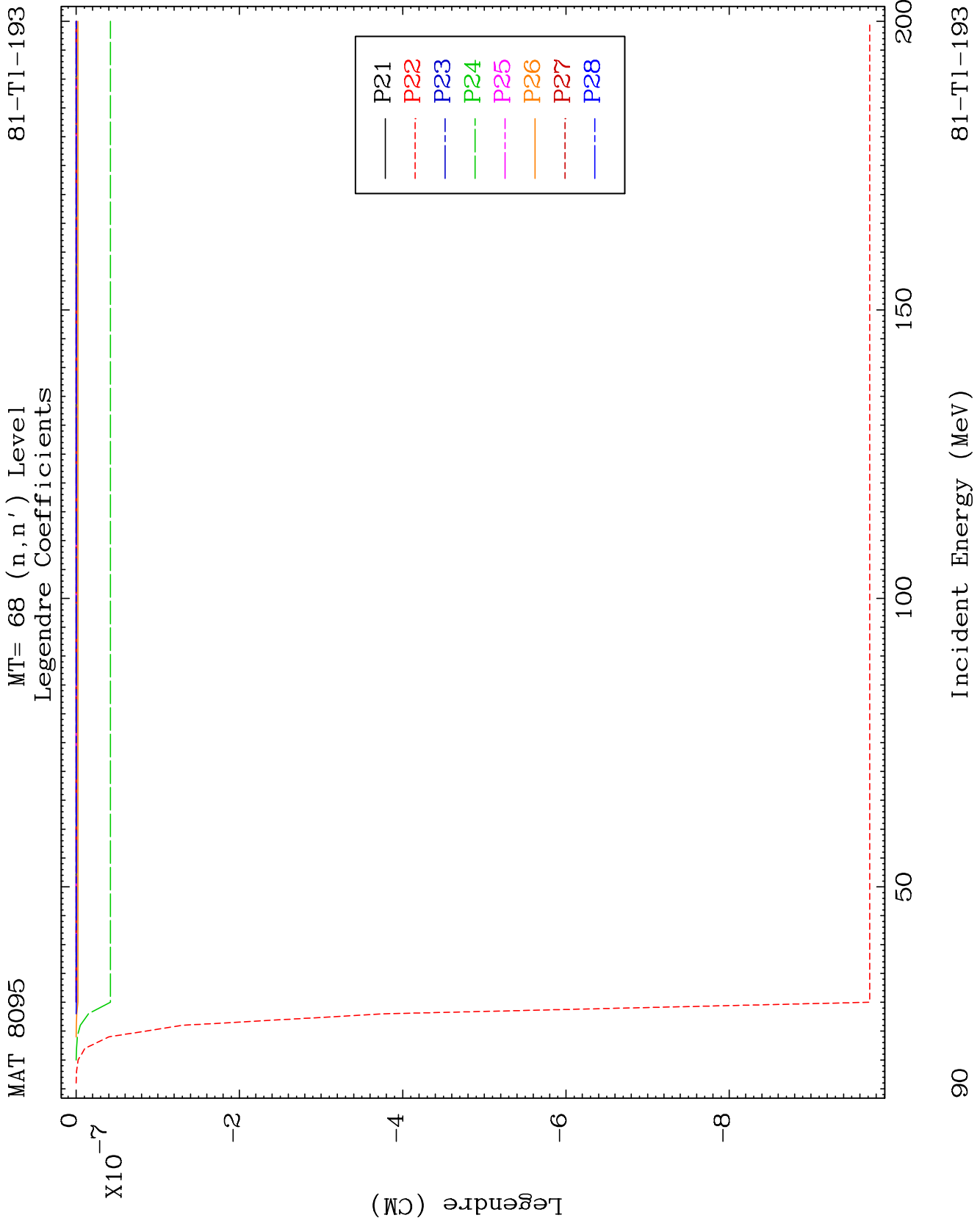
81-Tl-193



89

Incident Energy (MeV)

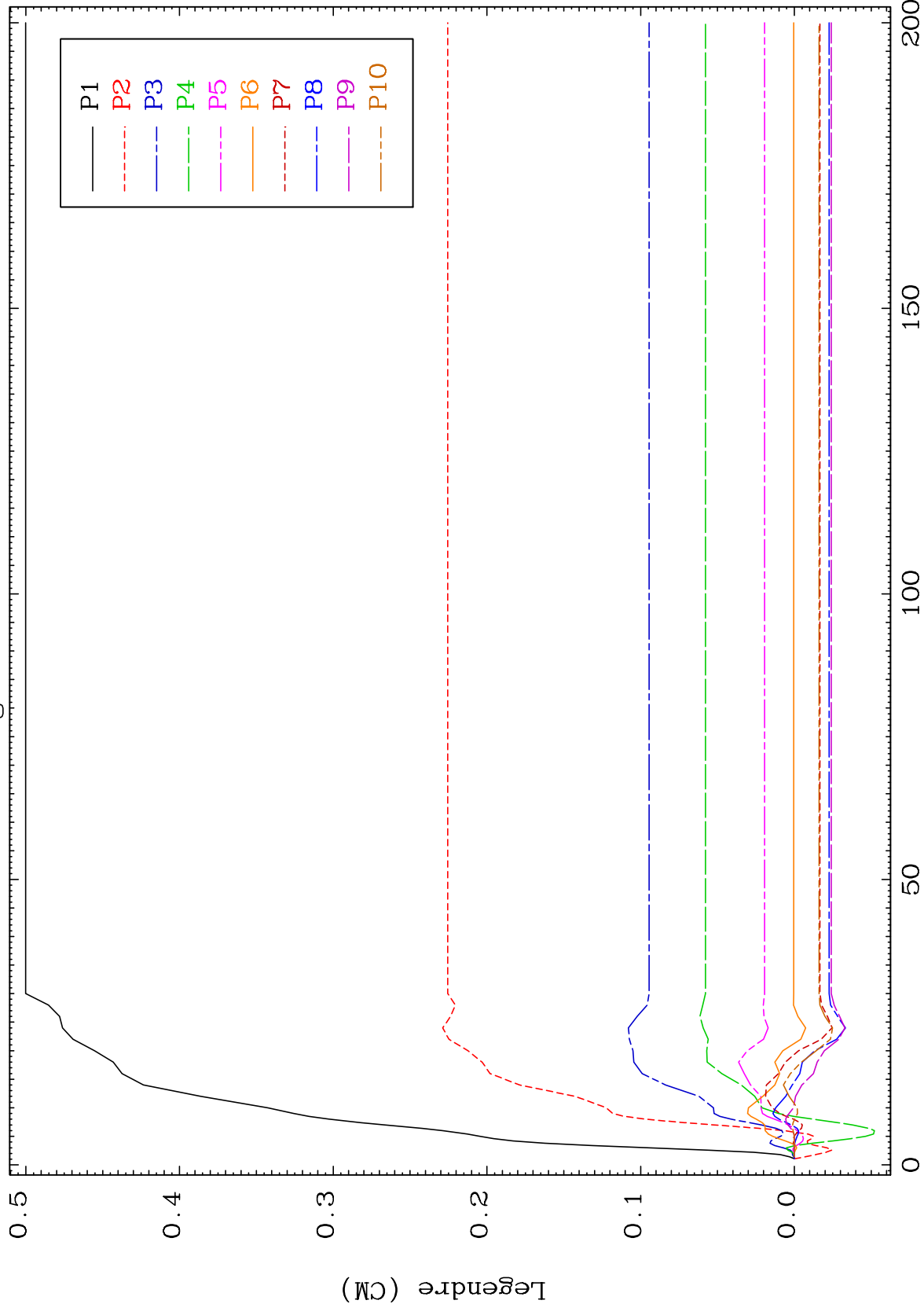
81-Tl-193



MAT 8095

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

81-Tl-193



91

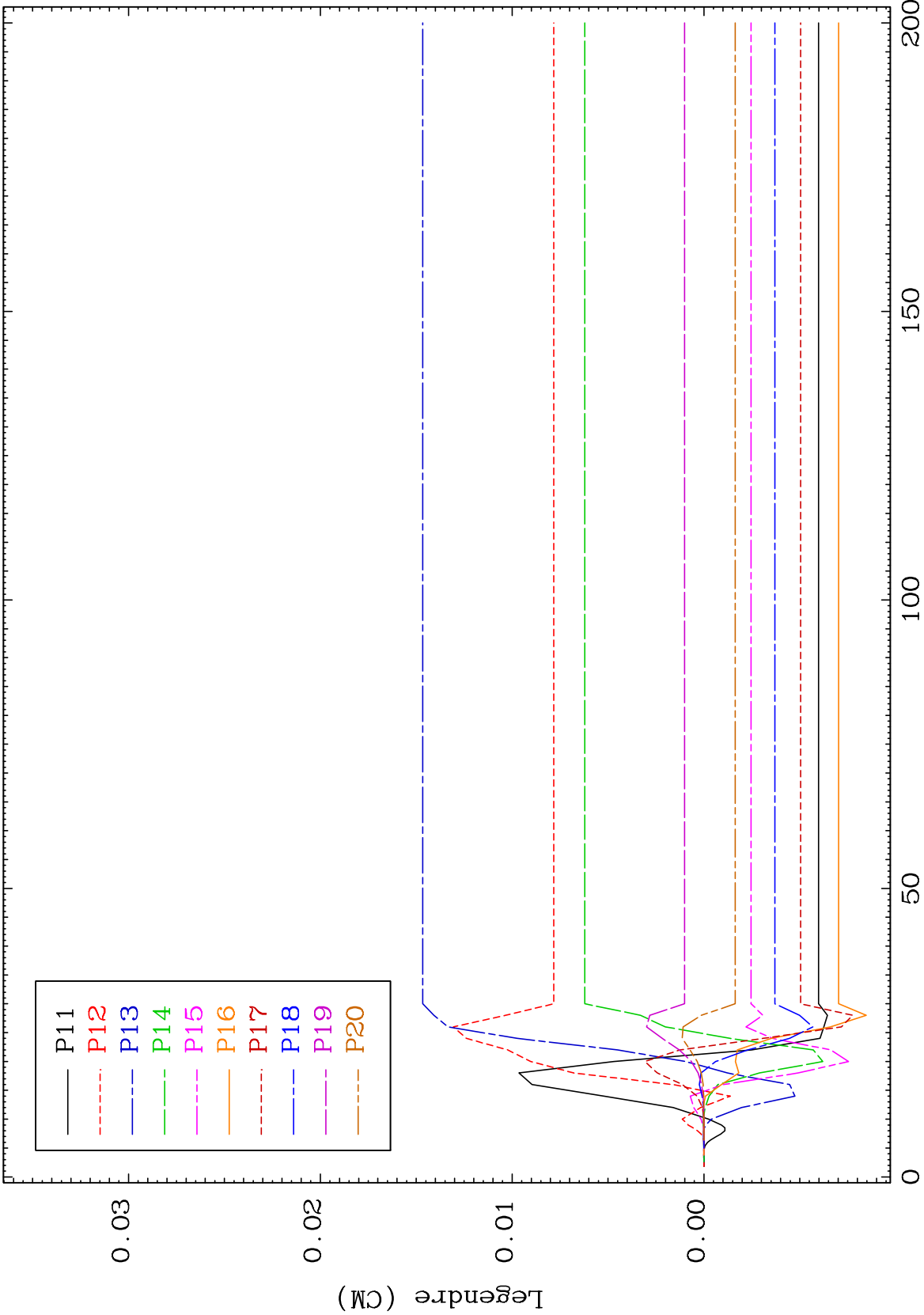
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

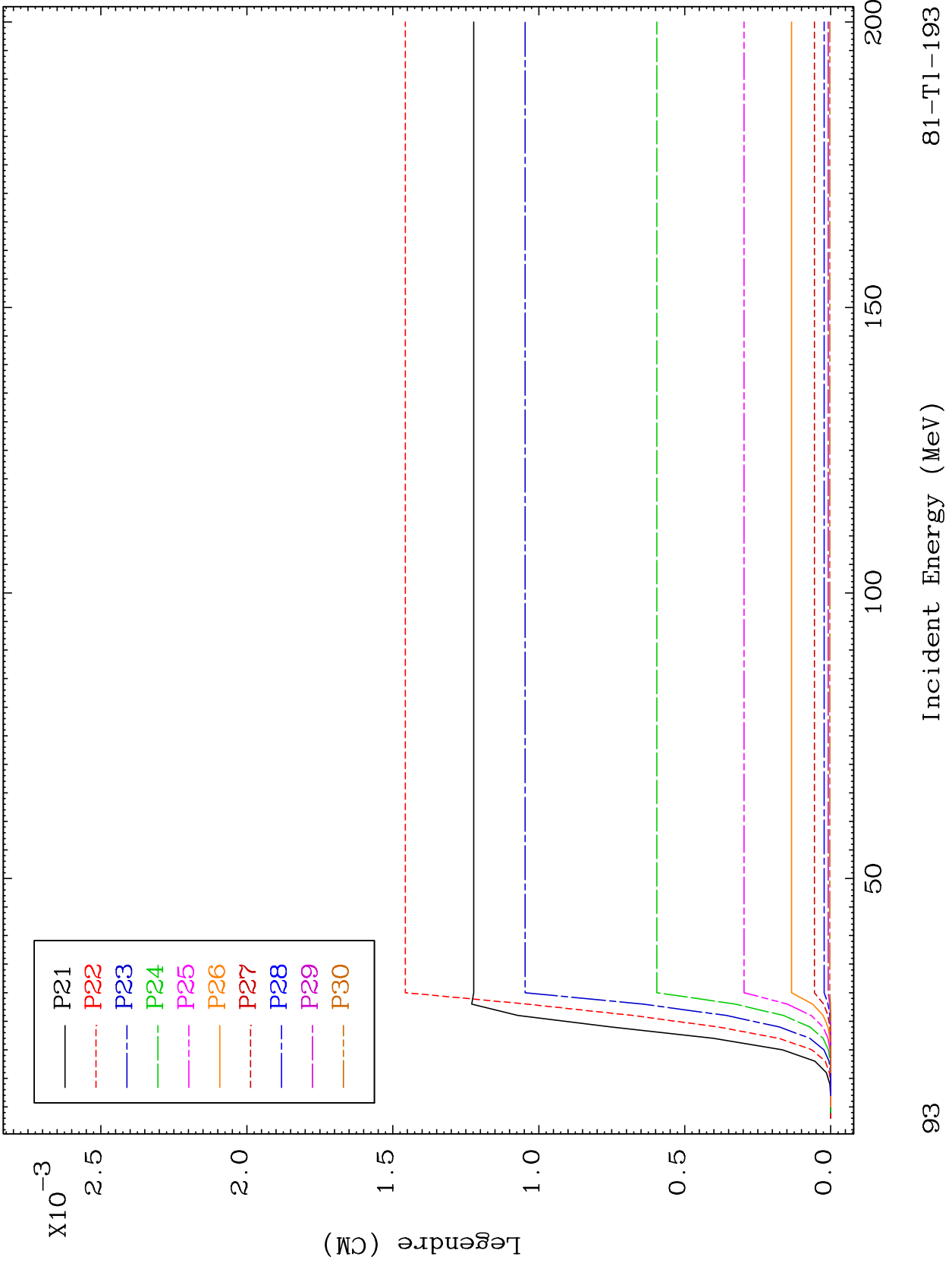
81-T1-193

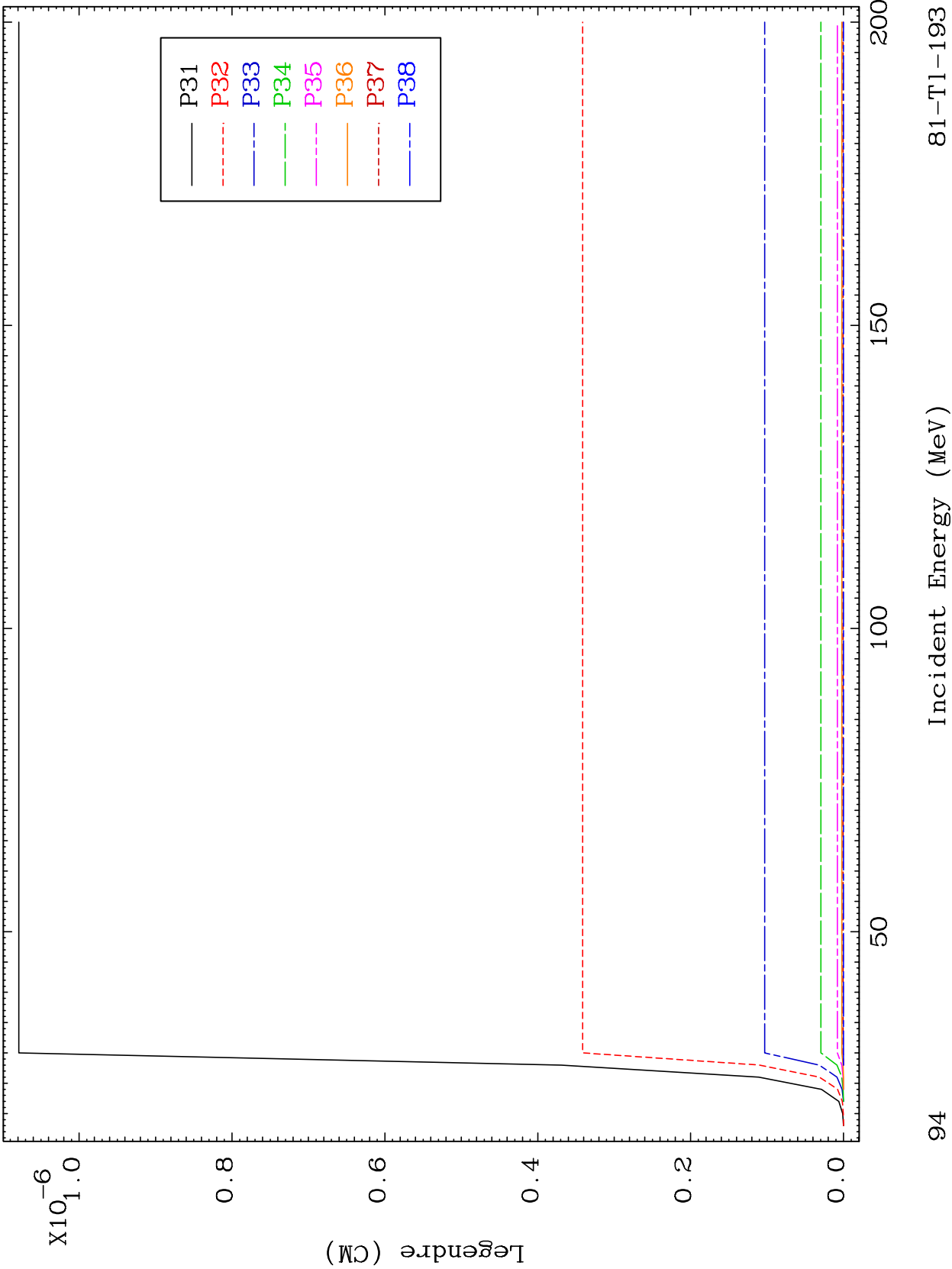


92

Incident Energy (MeV)

81-T1-193

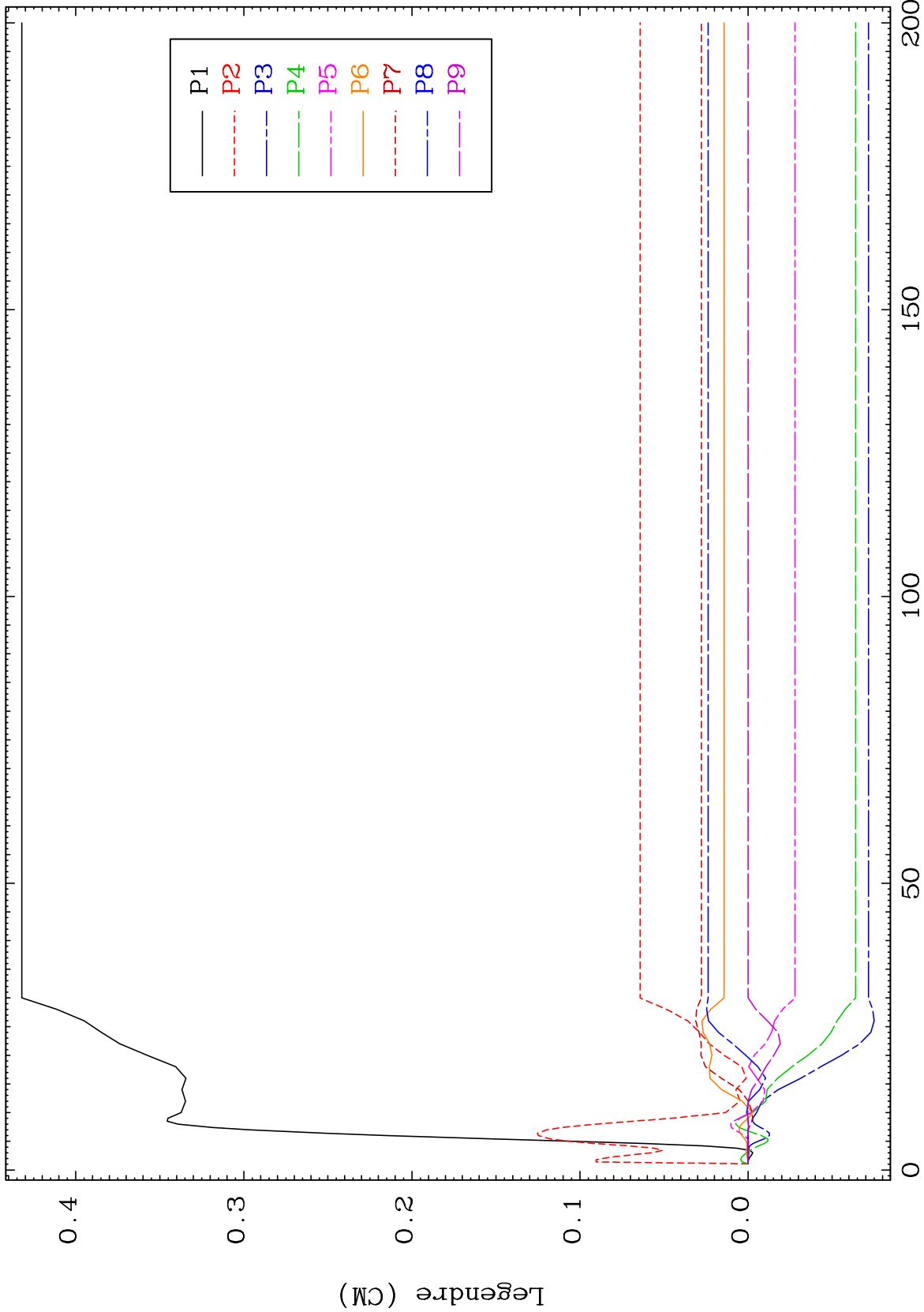




MAT 8095

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

81-Tl-193



95

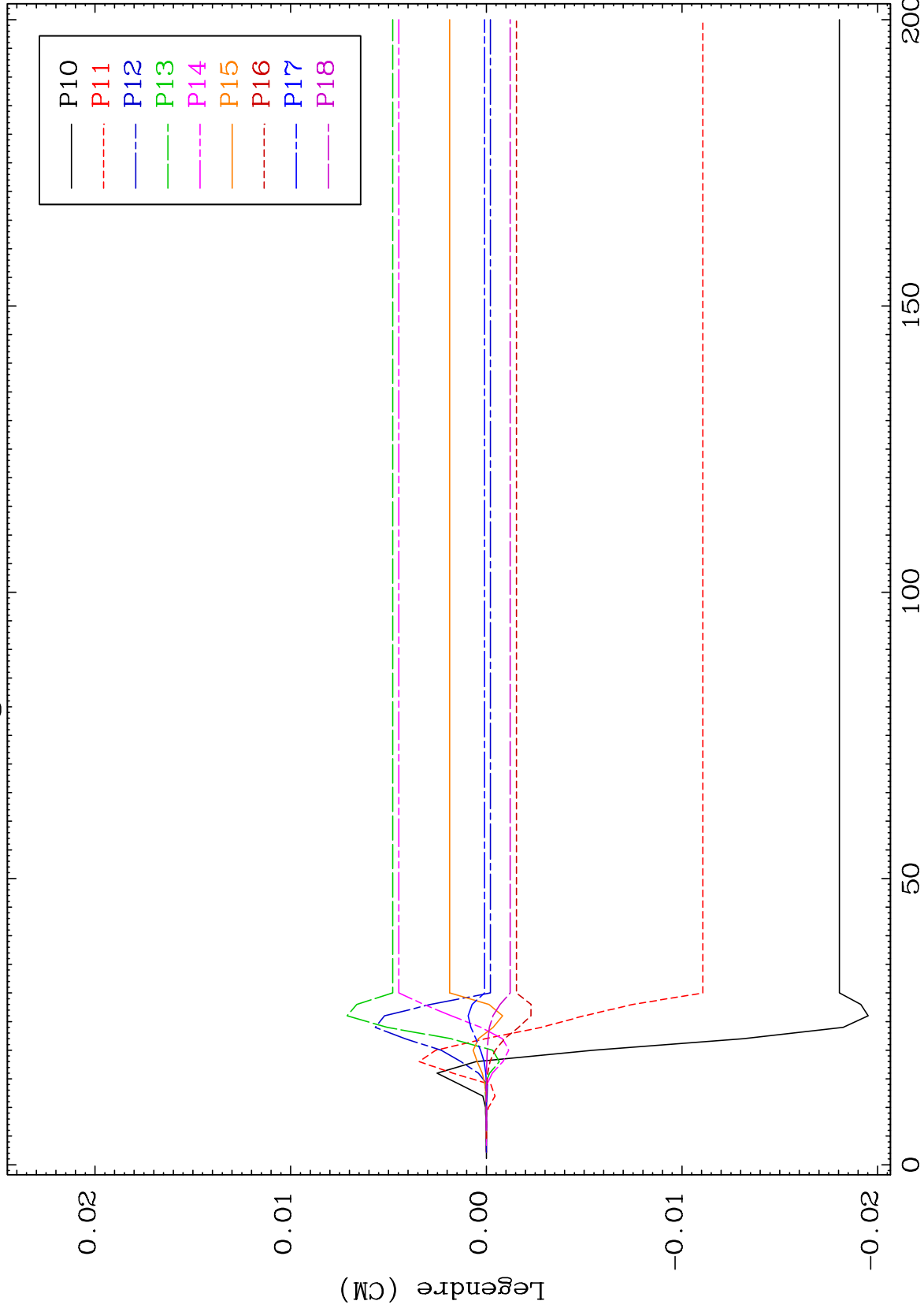
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



96

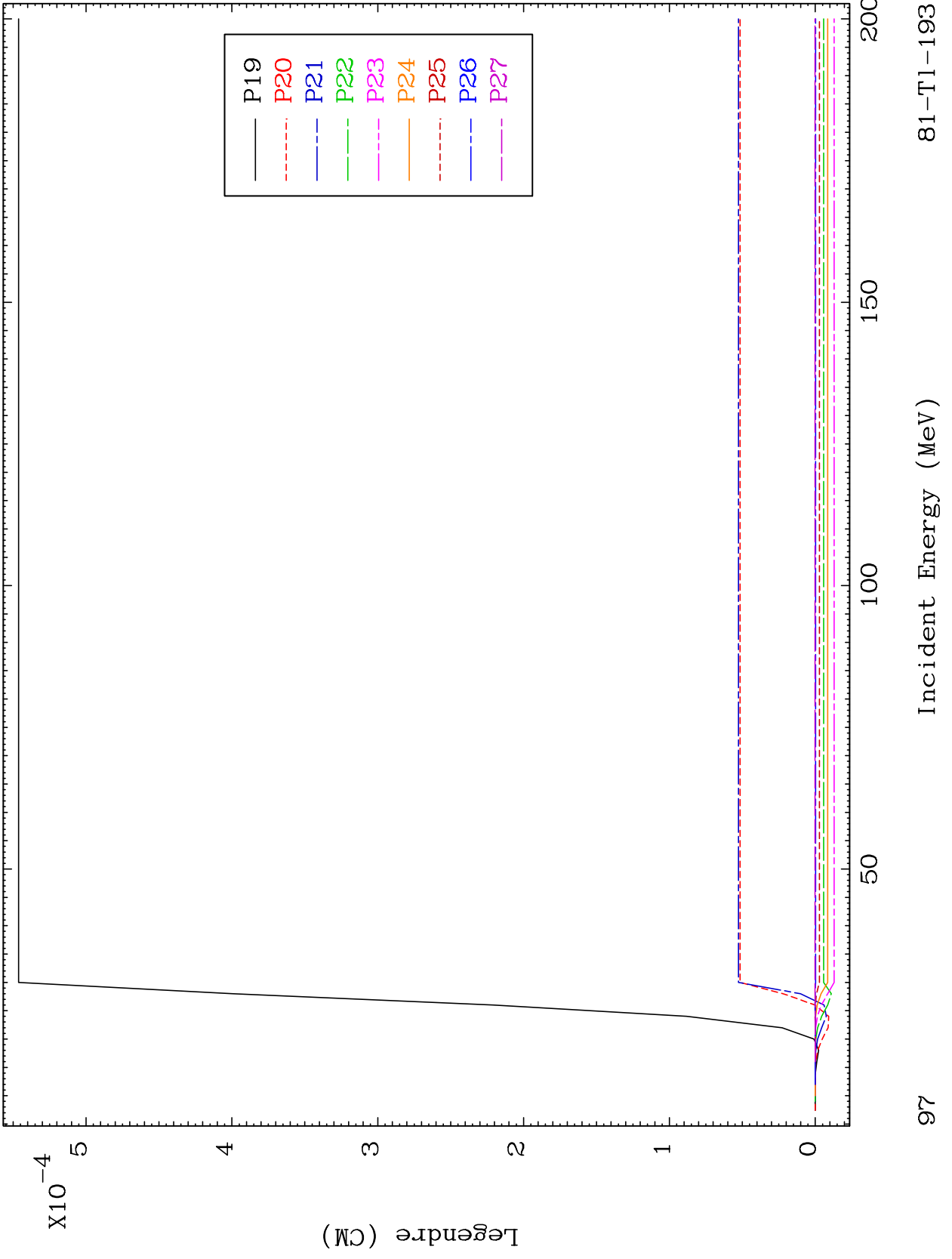
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

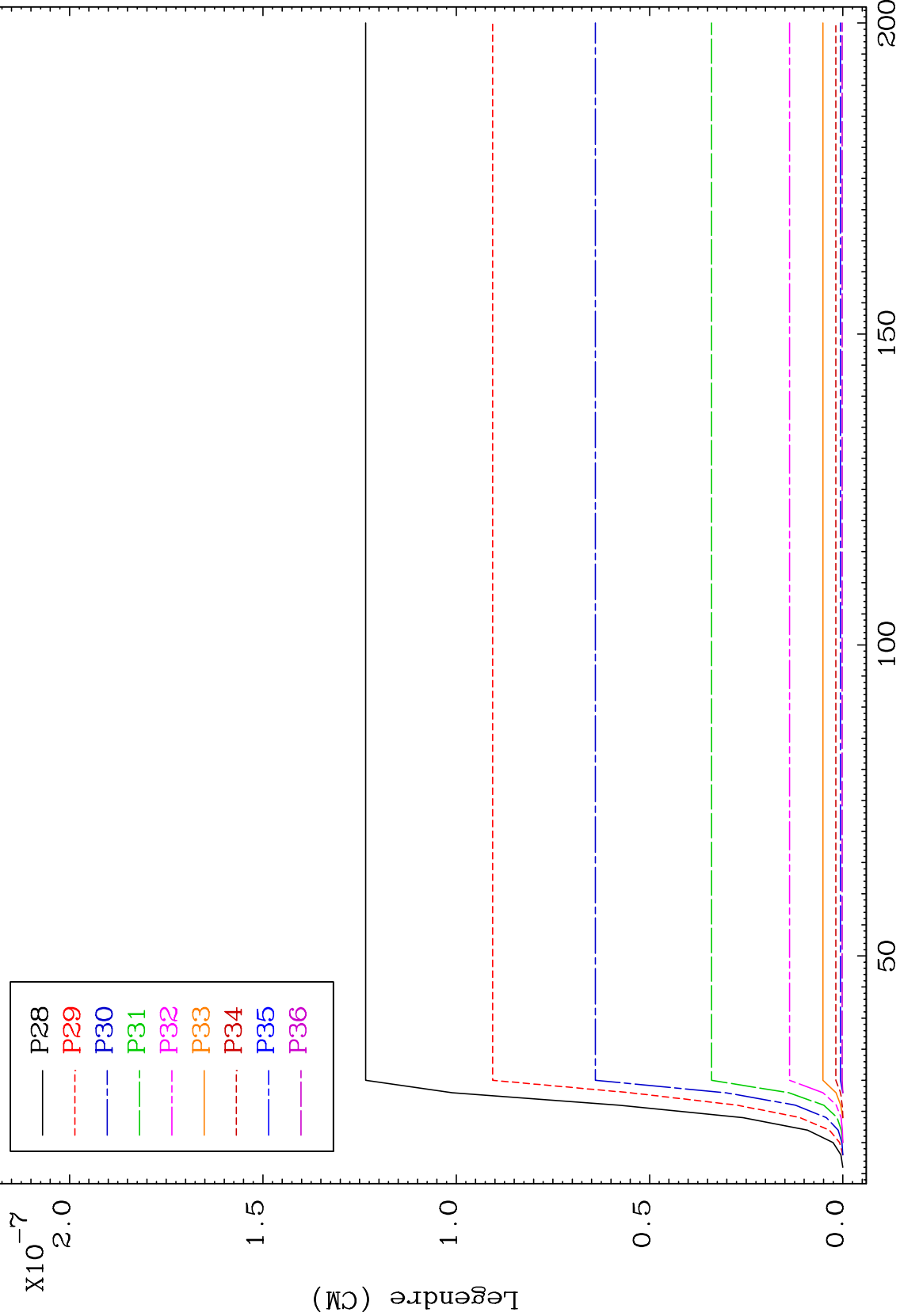
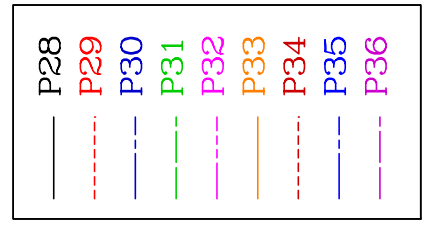
81-Tl-193



MAT 8095

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

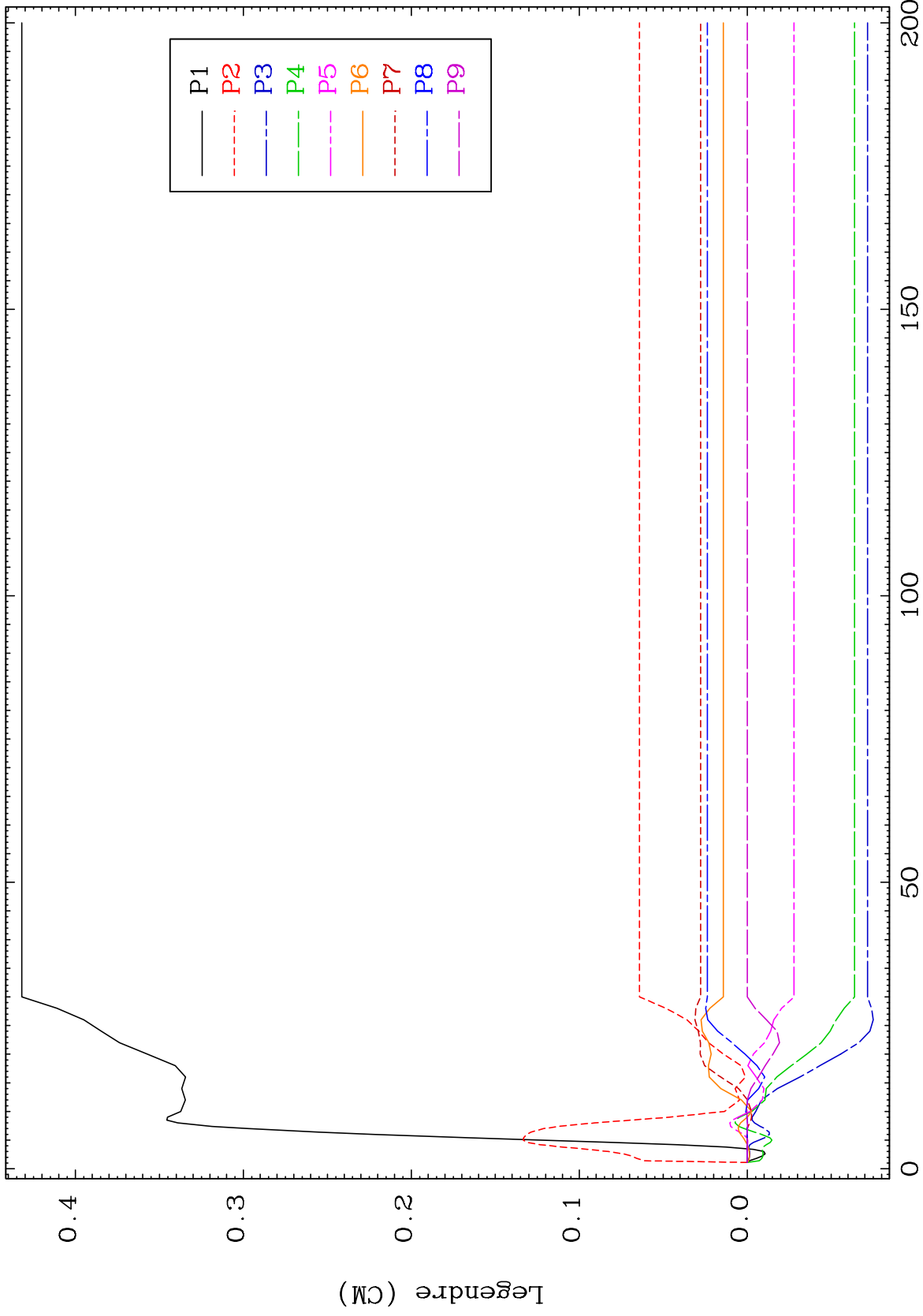
81-Tl-193



98

Incident Energy (MeV)

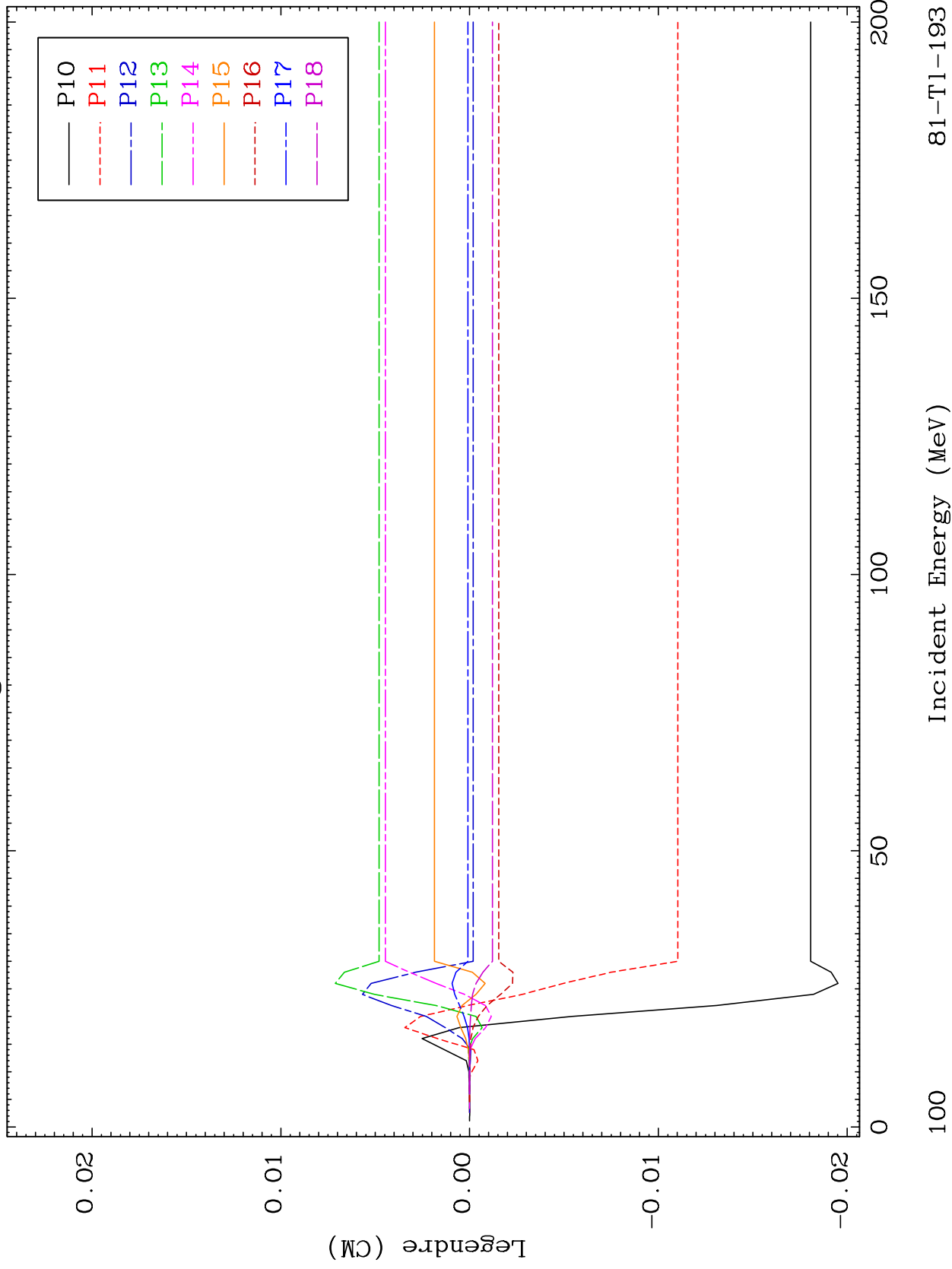
81-Tl-193



MAT 8095

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

81-Tl-193



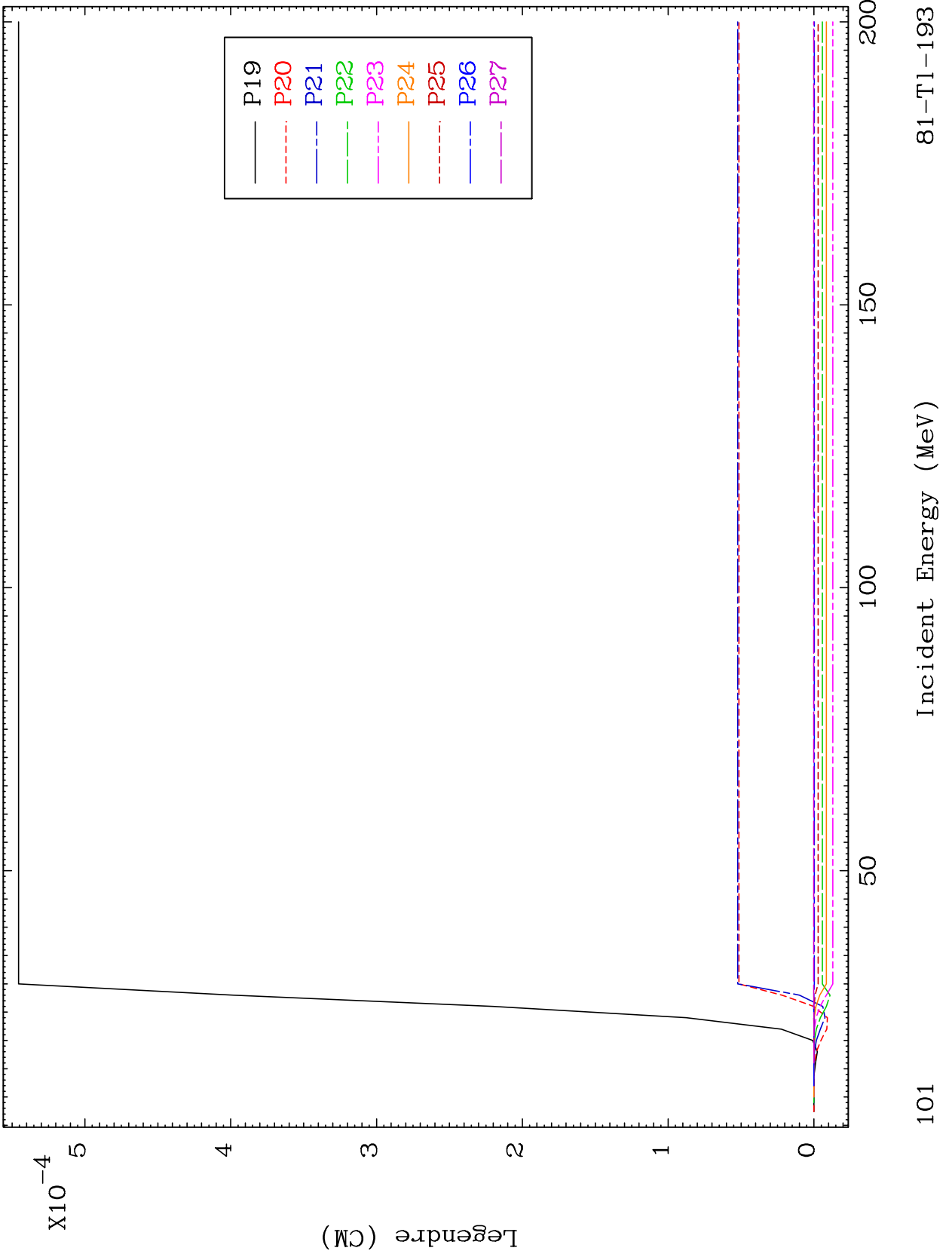
81-Tl-193

Incident Energy (MeV)

MAT 8095

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

81-T1-193



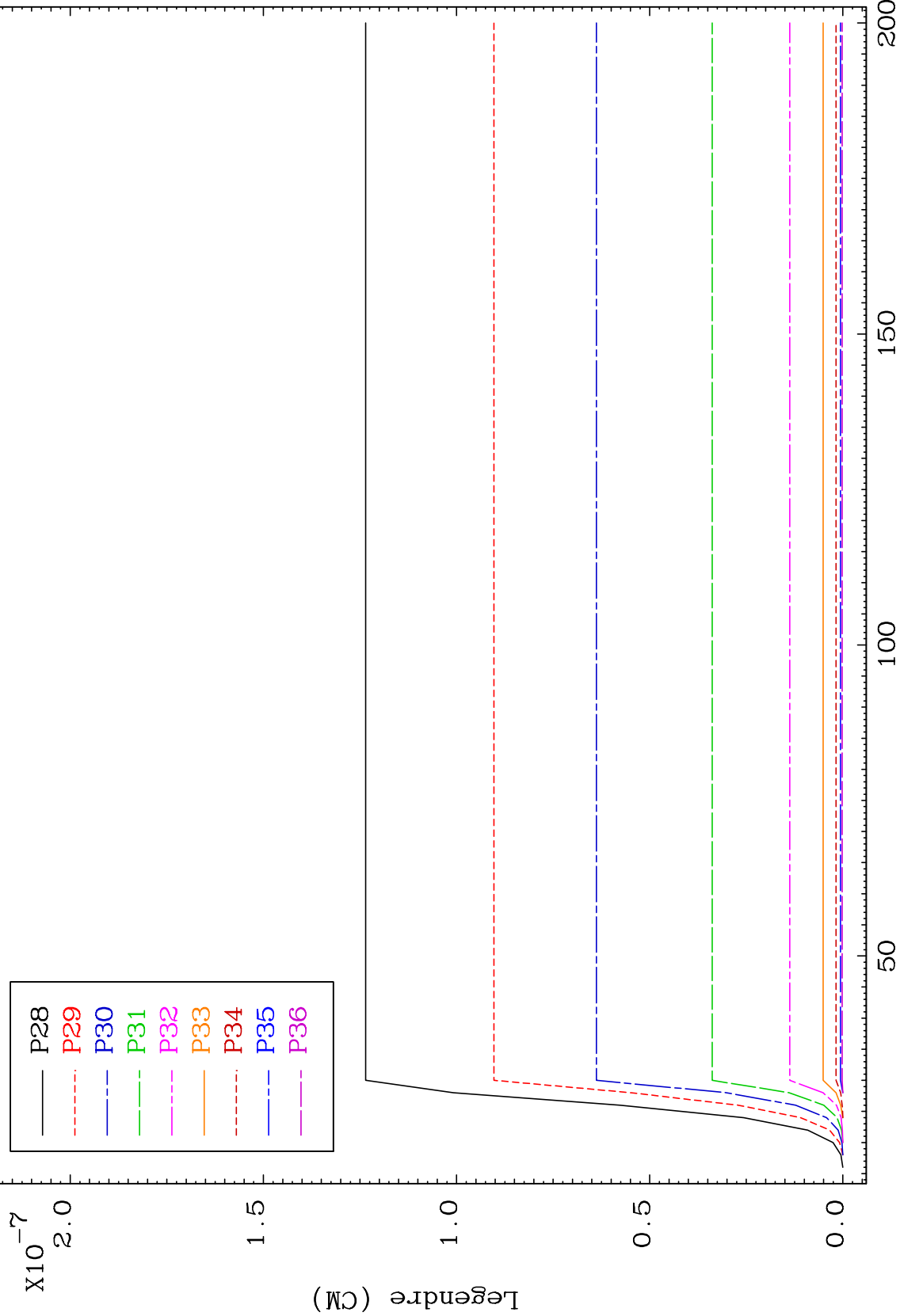
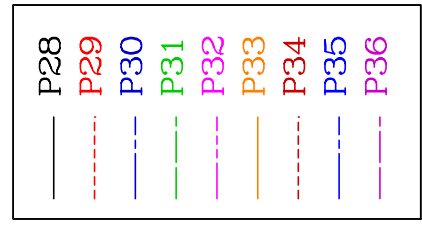
101

81-T1-193

MAT 8095

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

81-Tl-193



102

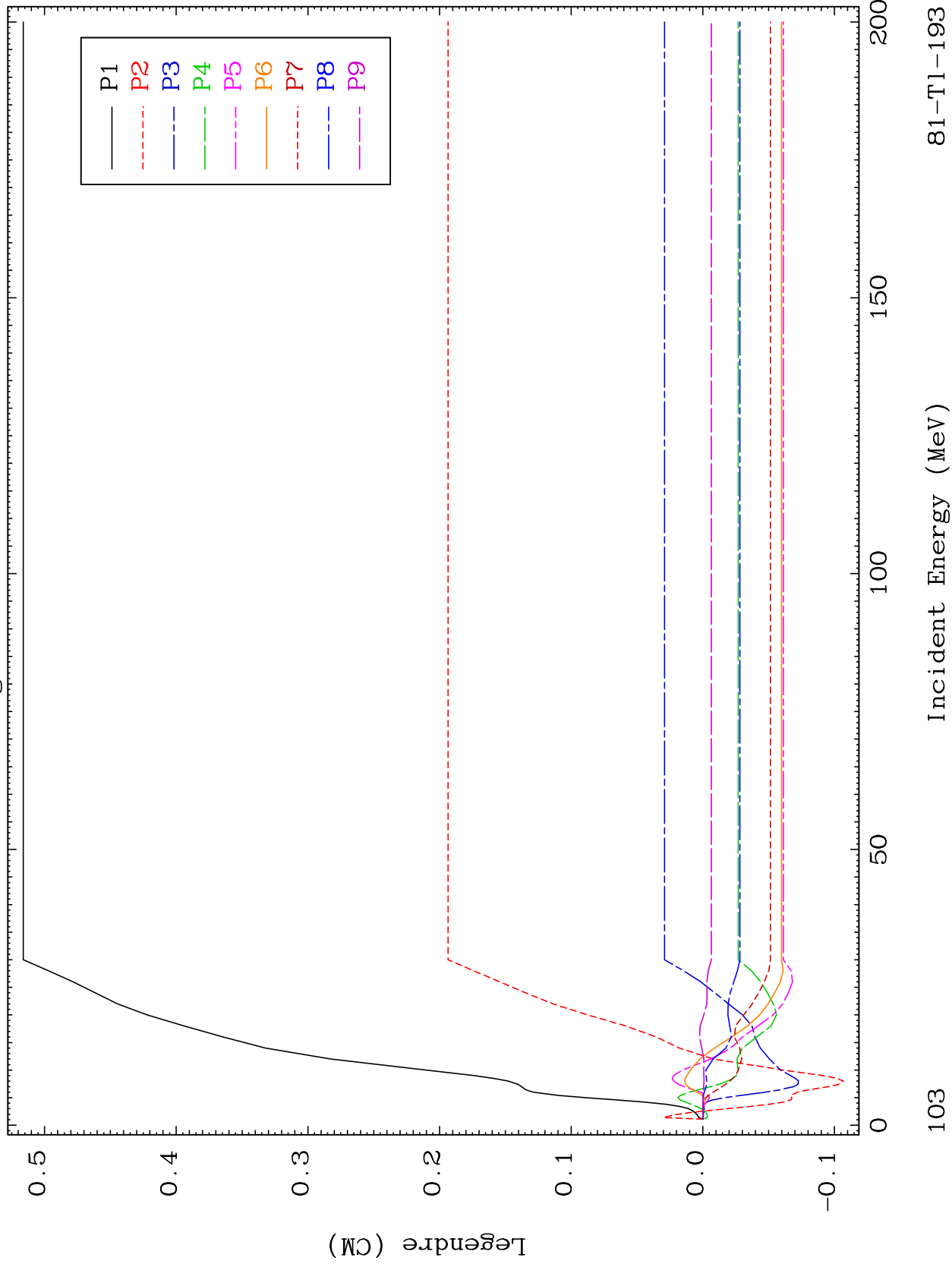
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



81-Tl-193

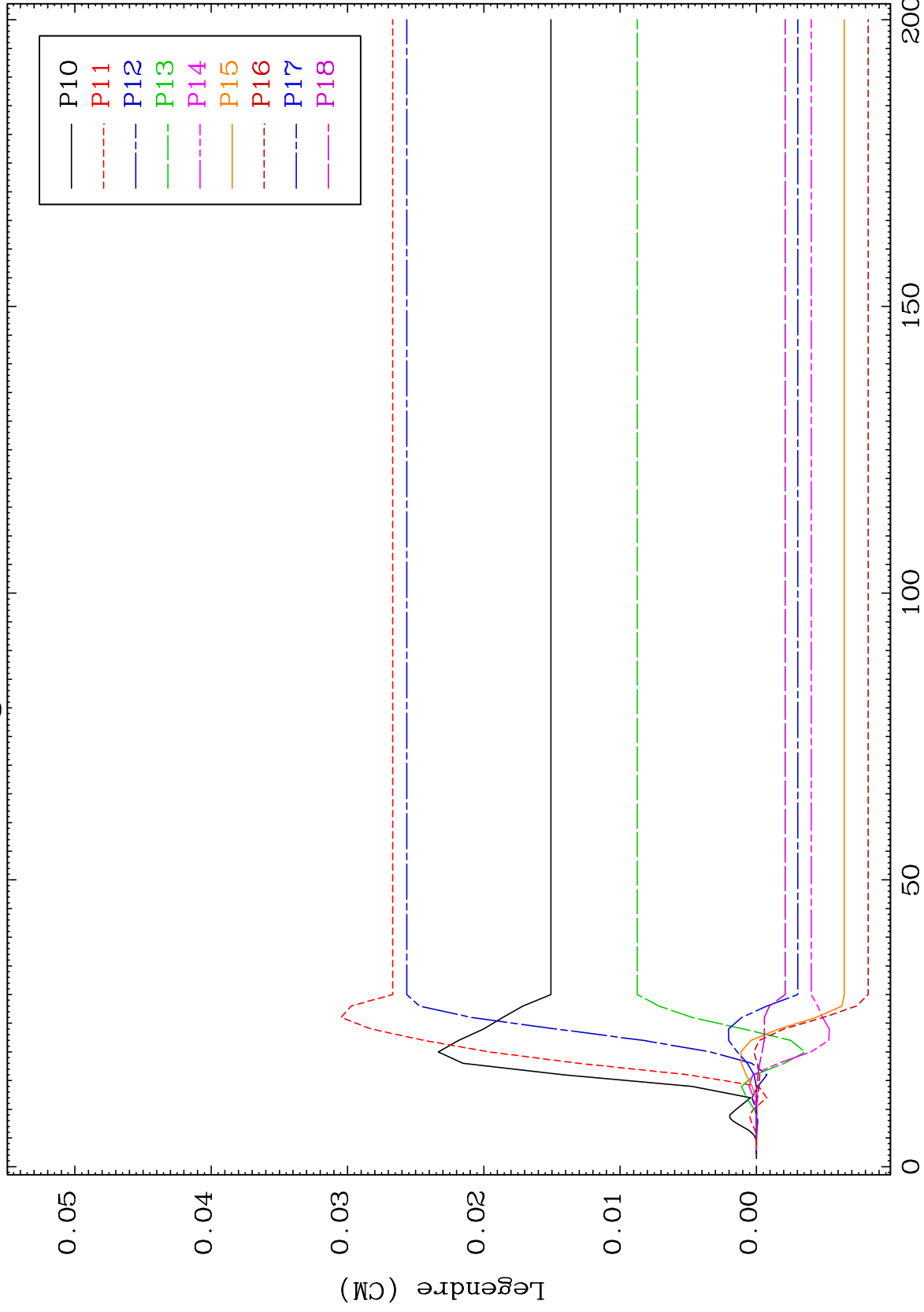
Incident Energy (MeV)

103

MAT 8095

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

81-T1-193



104

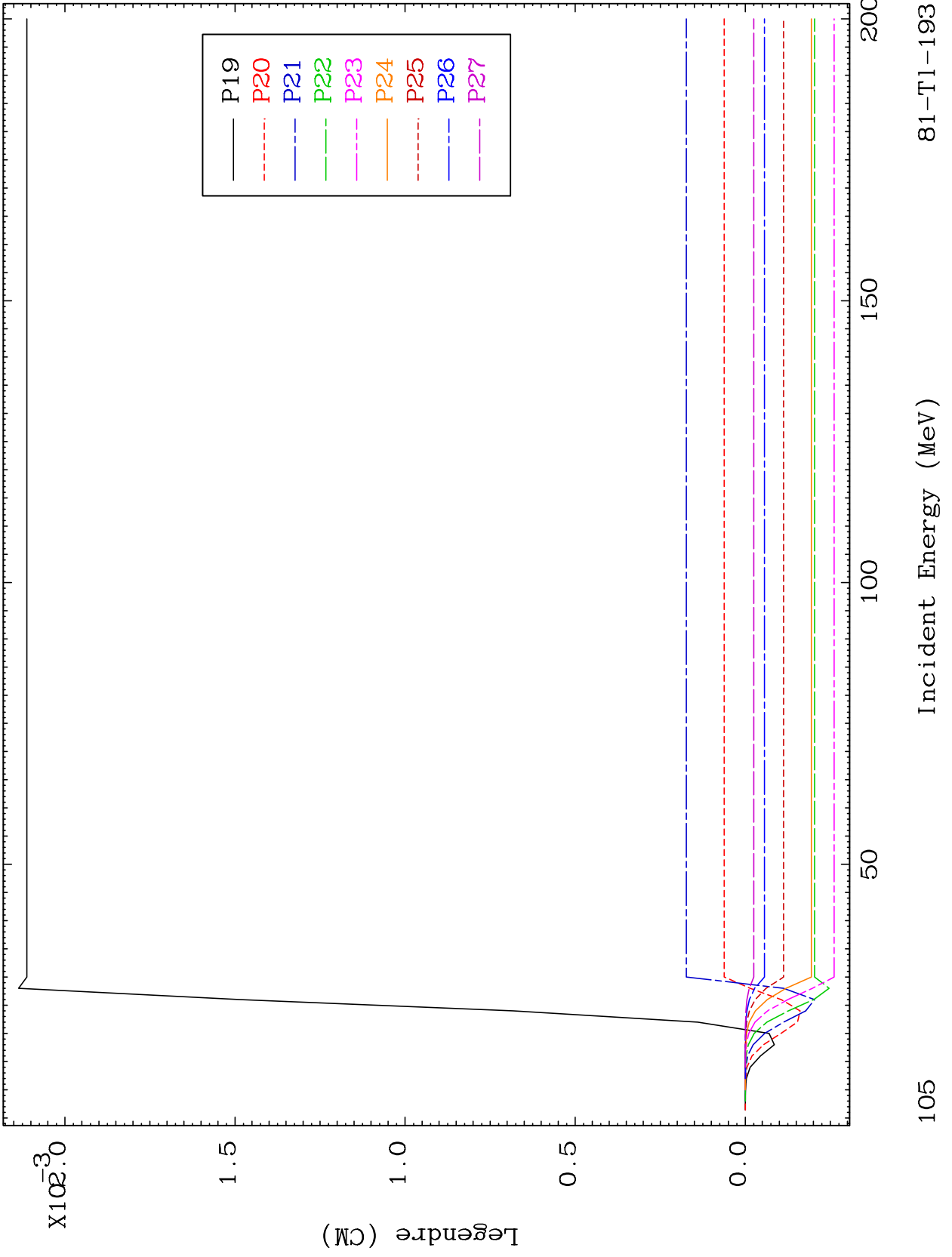
Incident Energy (MeV)

81-T1-193

MAT 8095

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

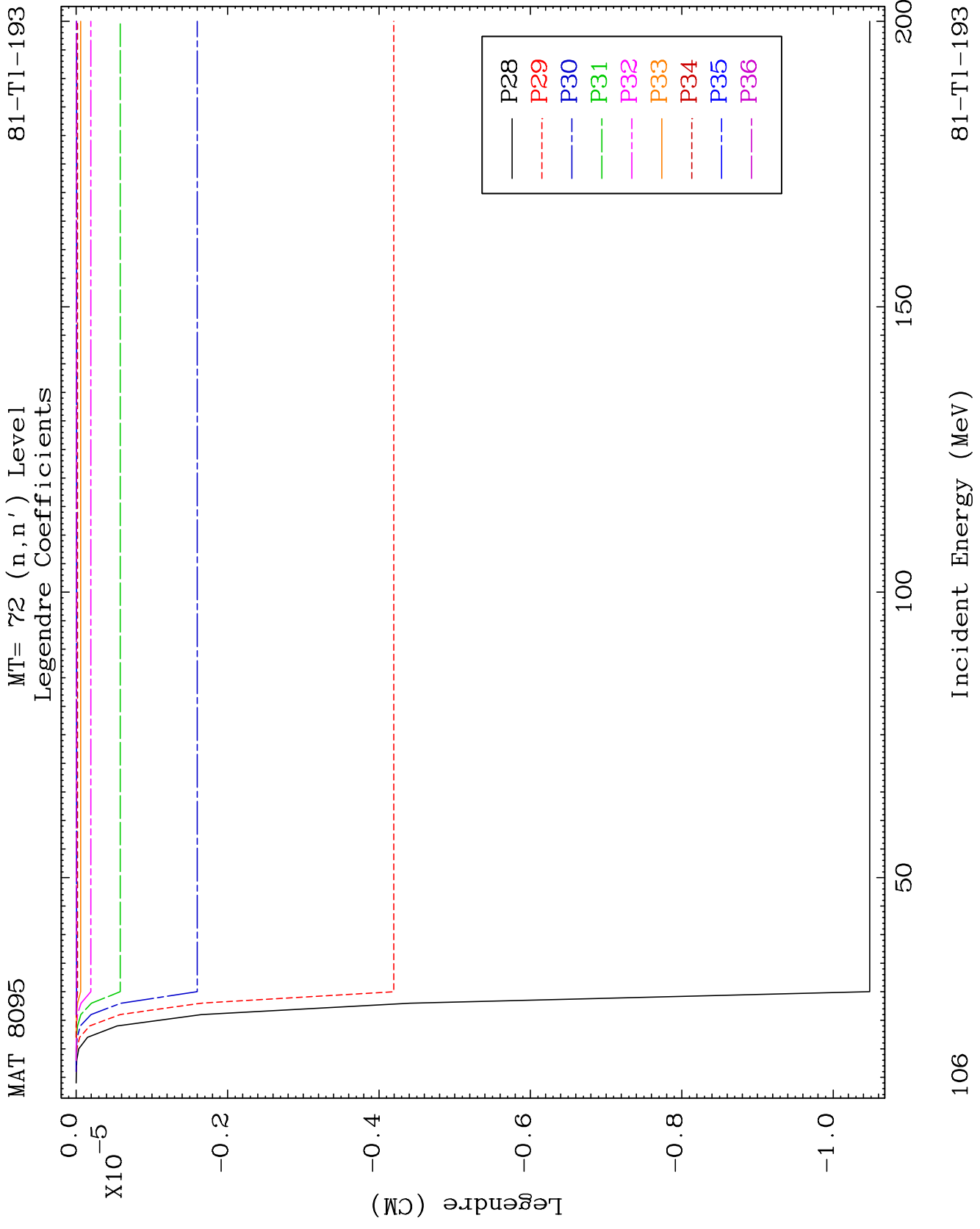
81-Tl-193



105

Incident Energy (MeV)

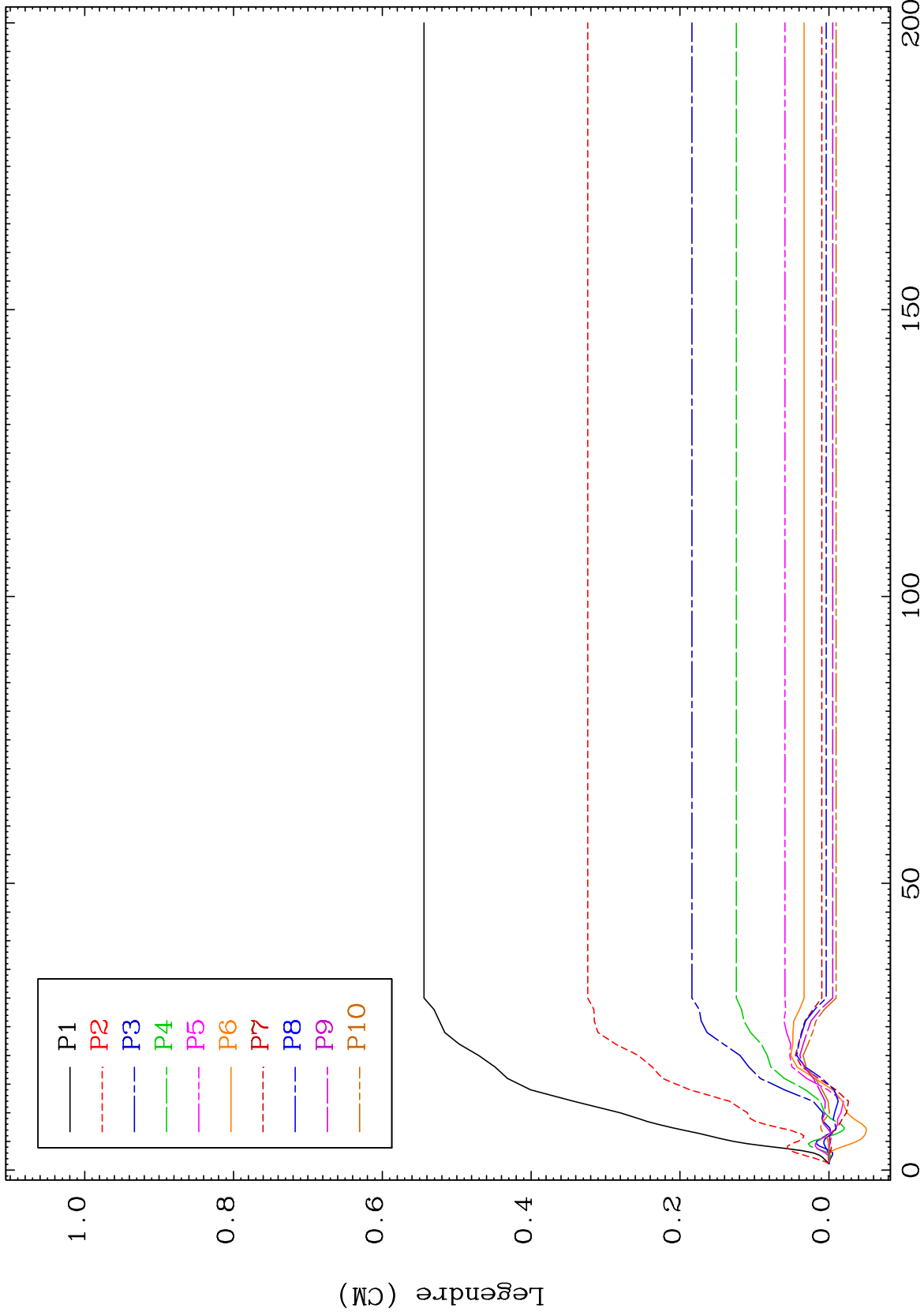
81-Tl-193



MAT 8095

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

81-T1-193



107

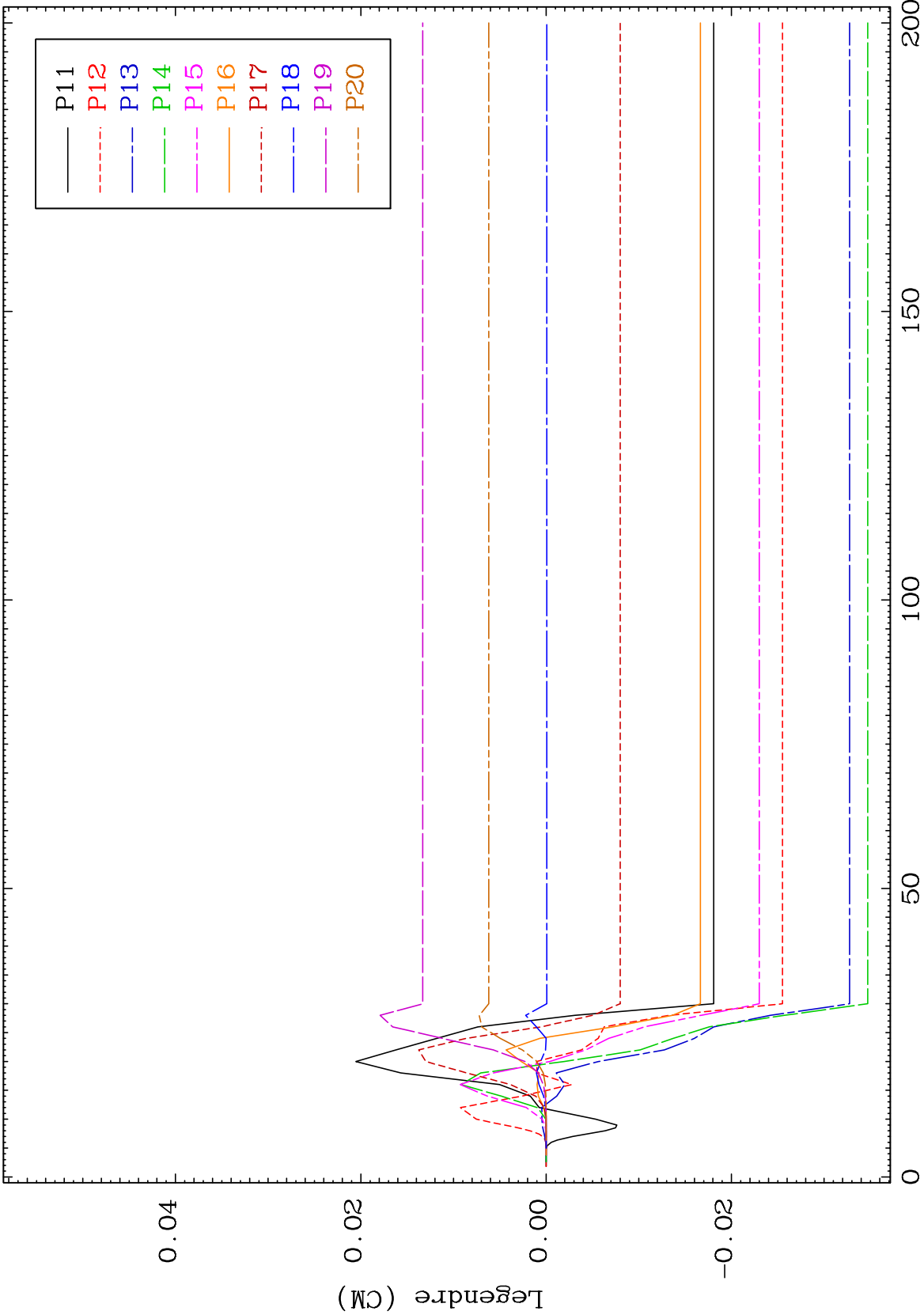
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-Tl-193



108

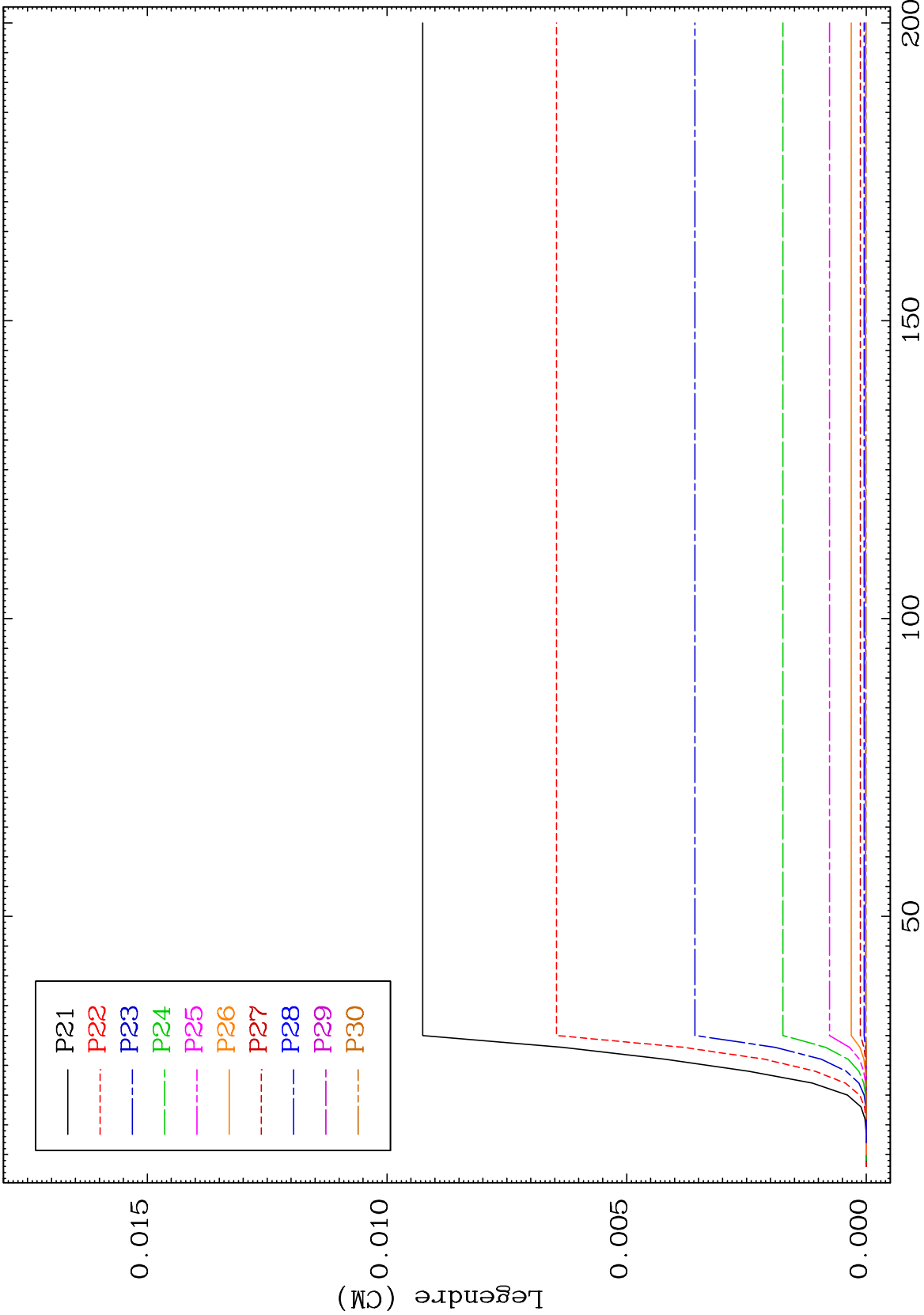
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



109

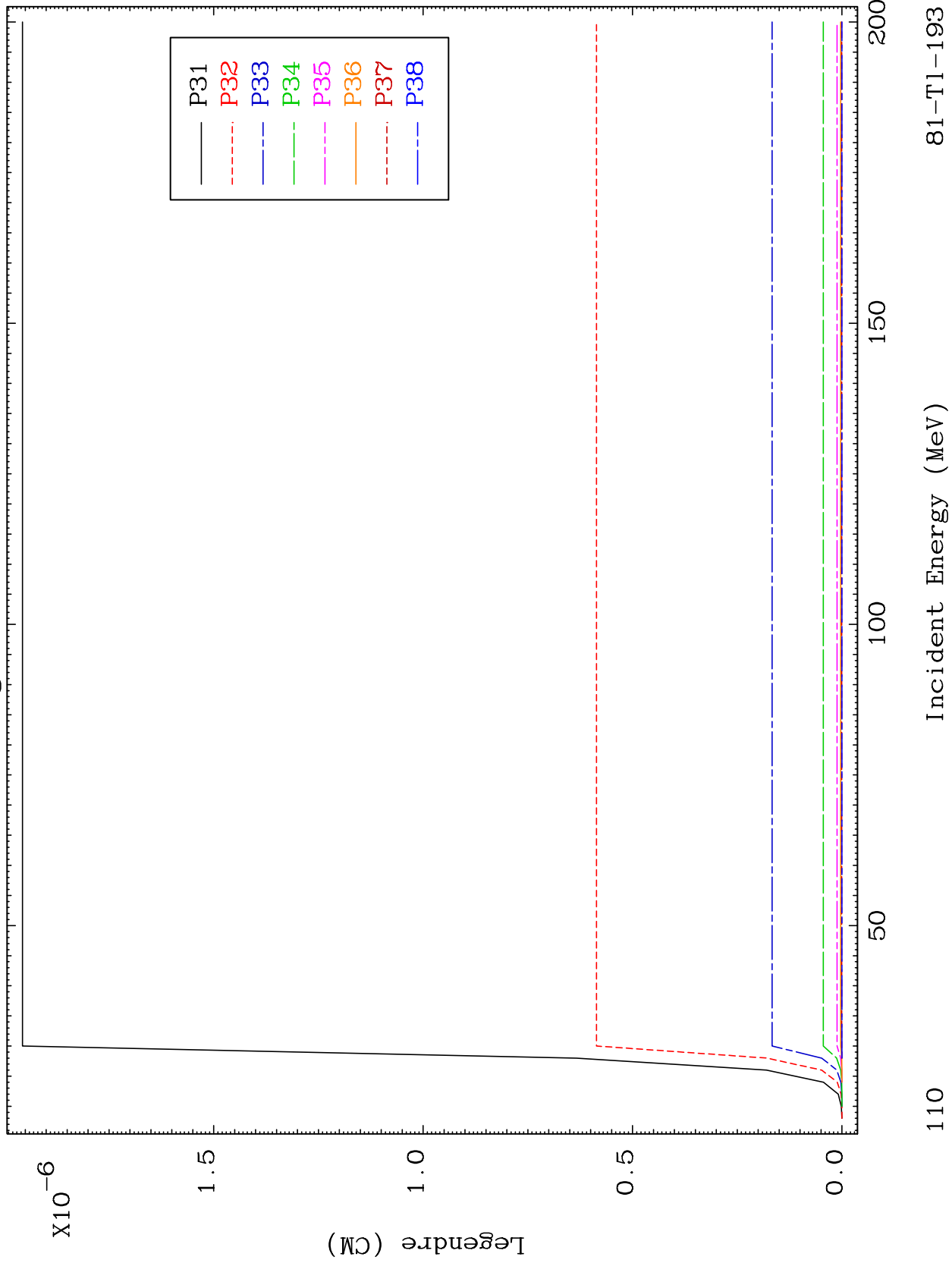
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193



81-T1-193

Incident Energy (MeV)

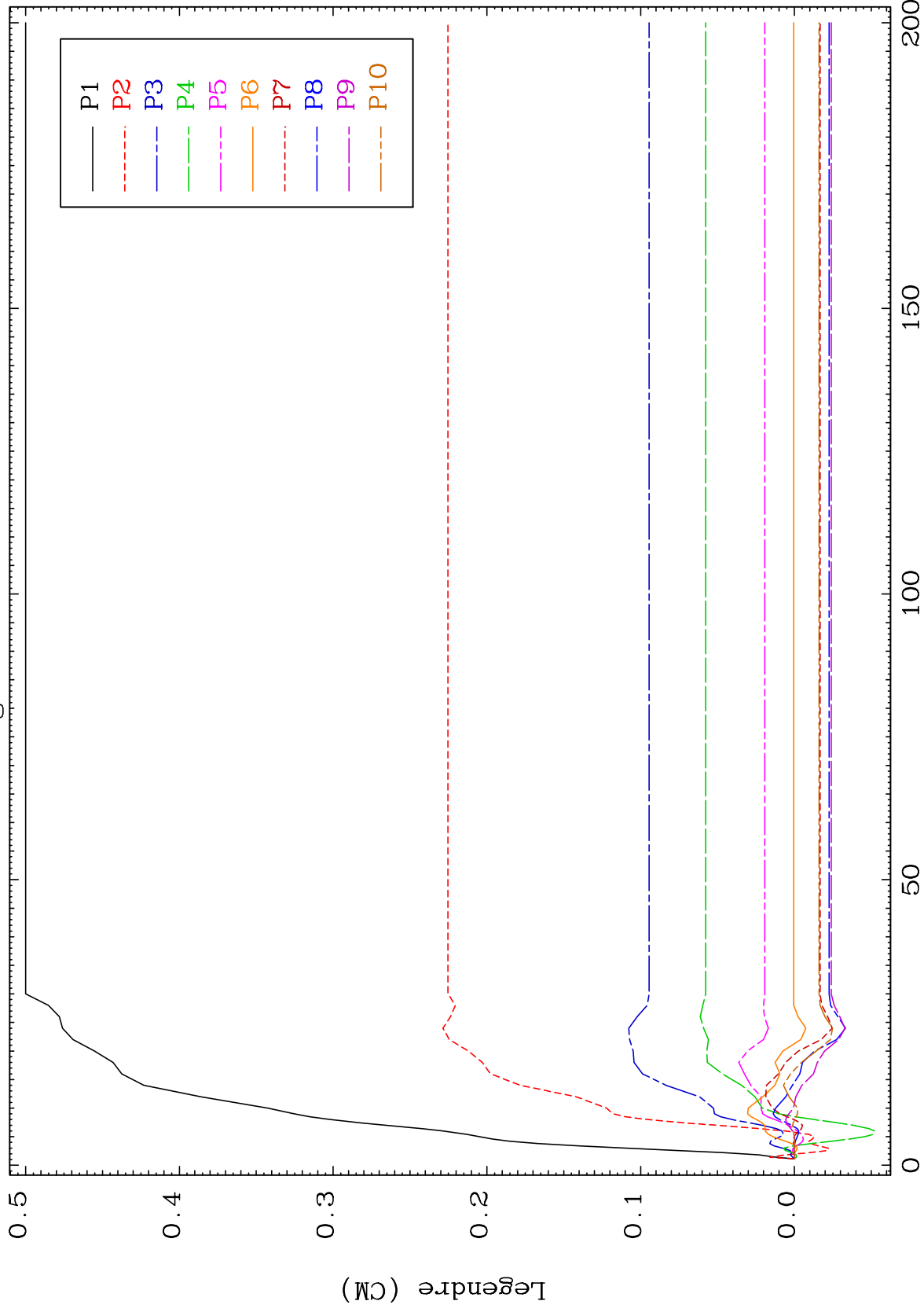
110

MAT 8095

MT= 74 (n,n') Level

81-T1-193

Legendre Coefficients



111

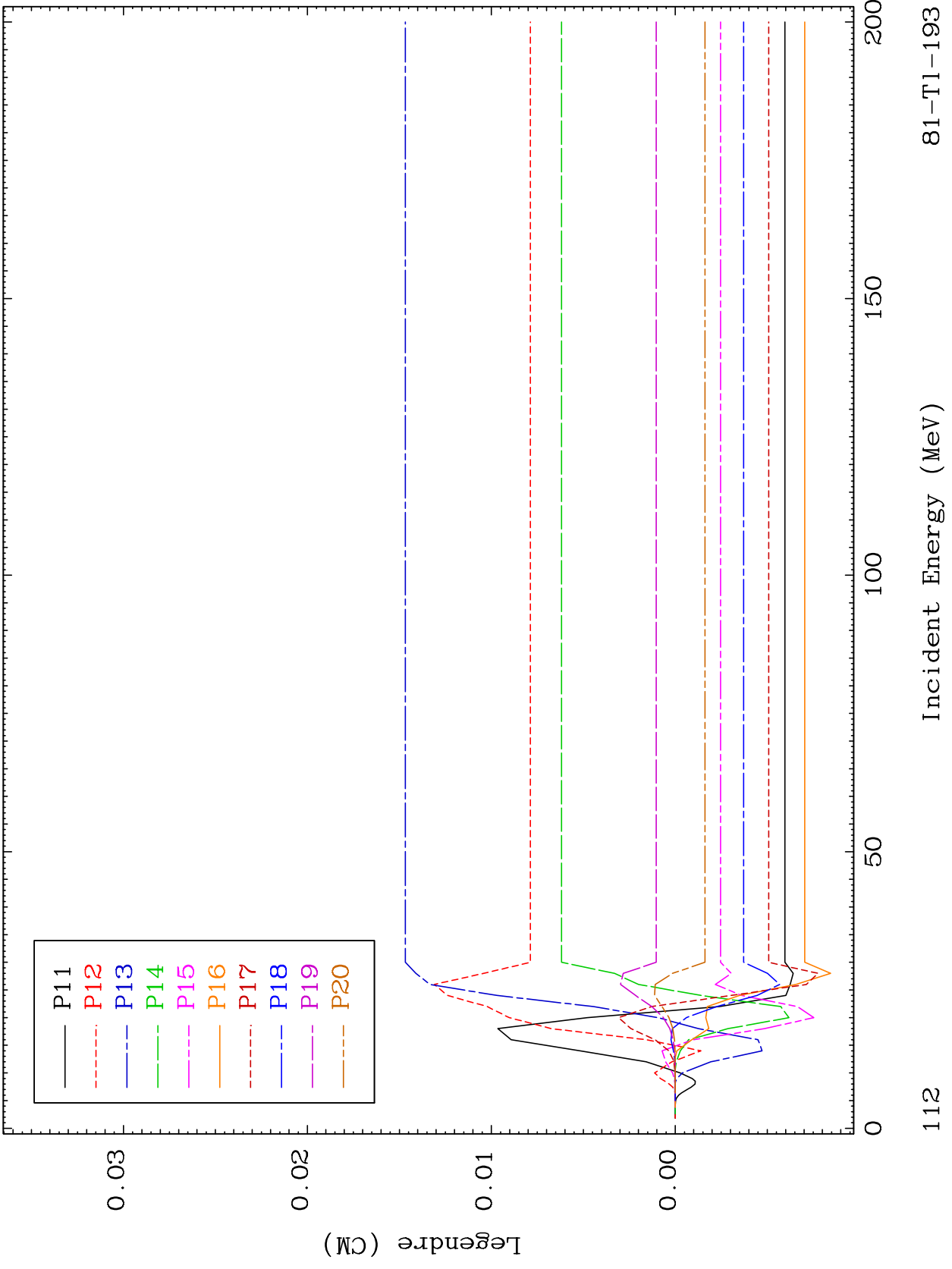
Incident Energy (MeV)

81-T1-193

MAT 8095

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

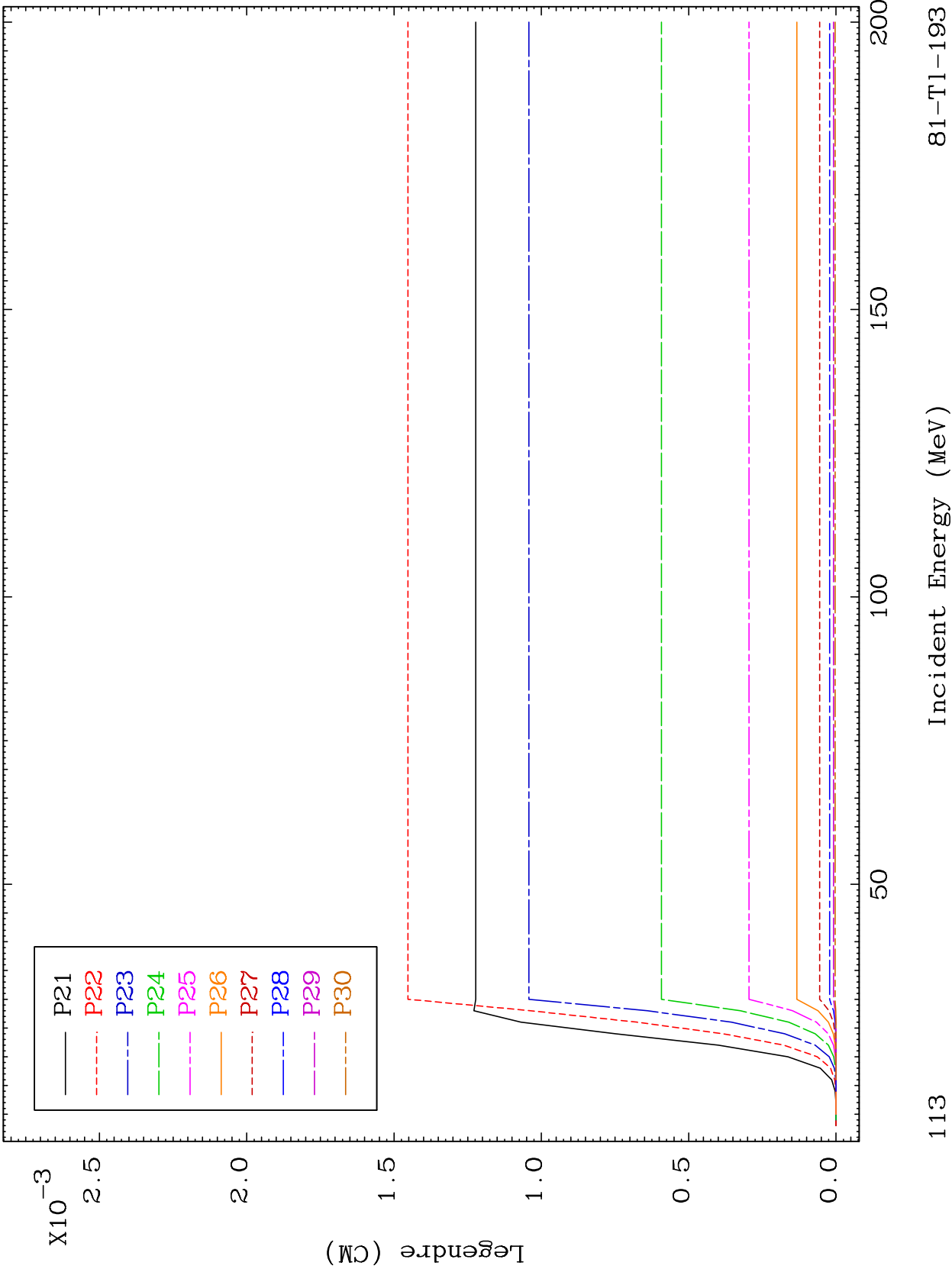
81-Tl-193



112

Incident Energy (MeV)

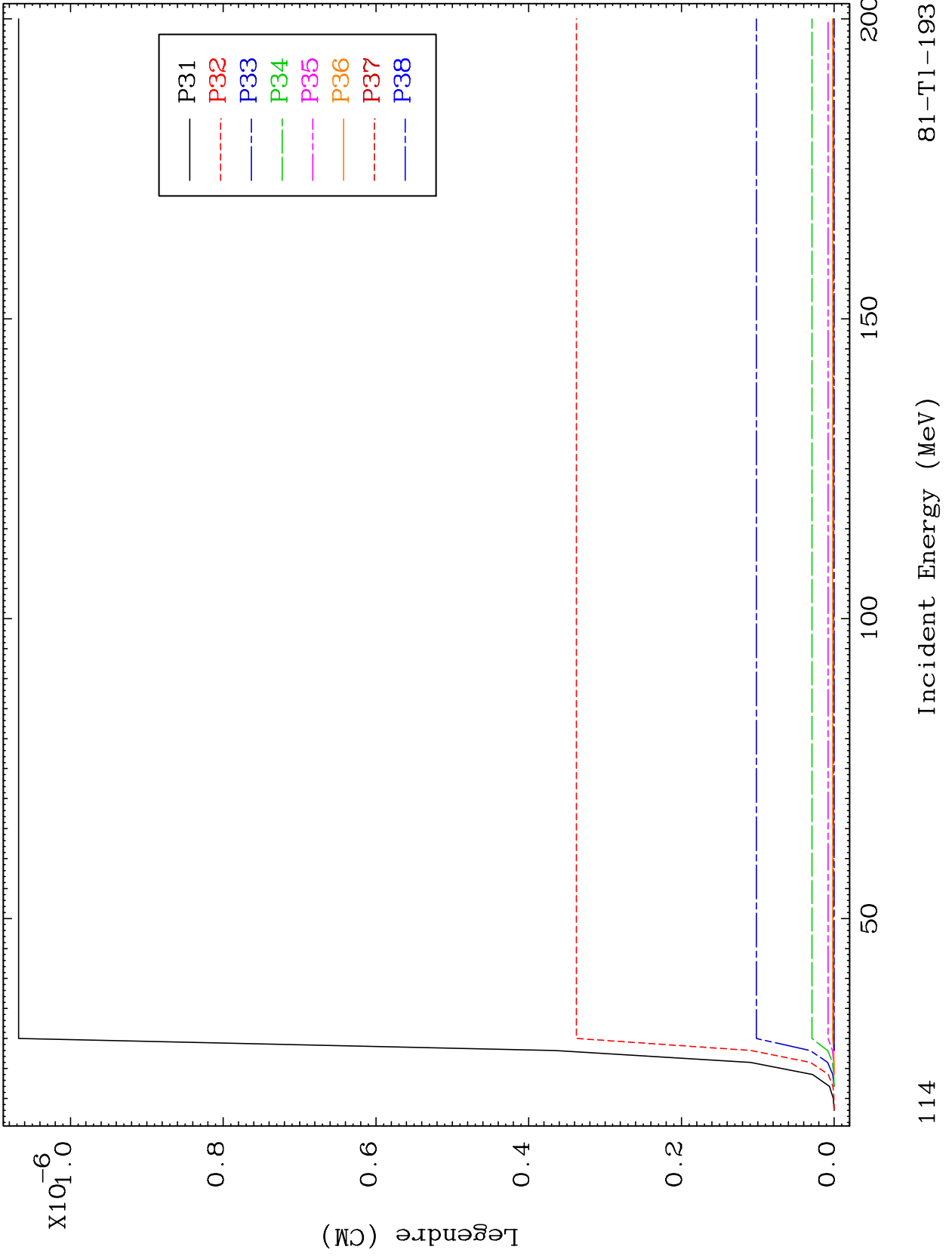
81-Tl-193



MAT 8095

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

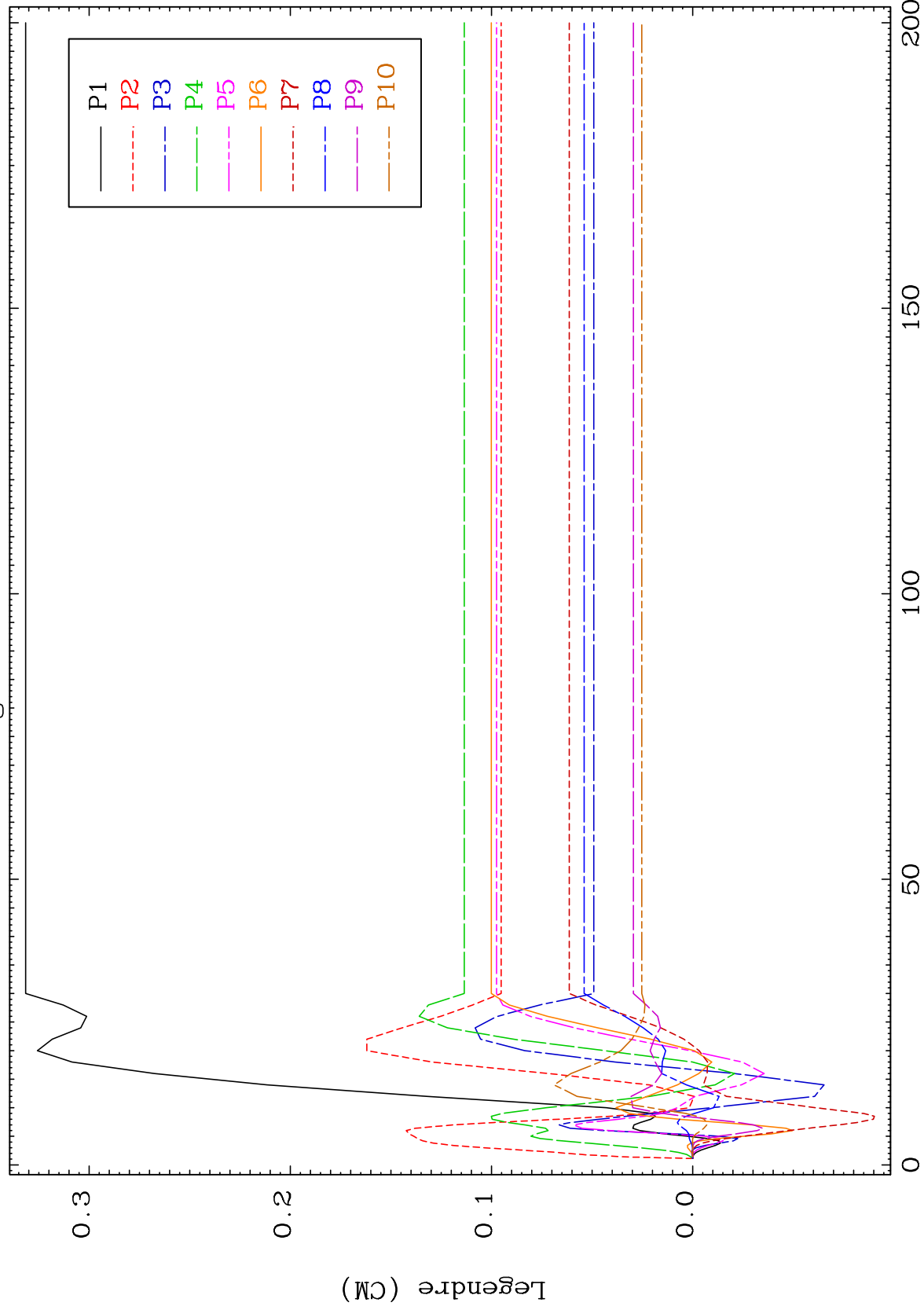
81-Tl-193



MAT 8095

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

81-T1-193



81-T1-193

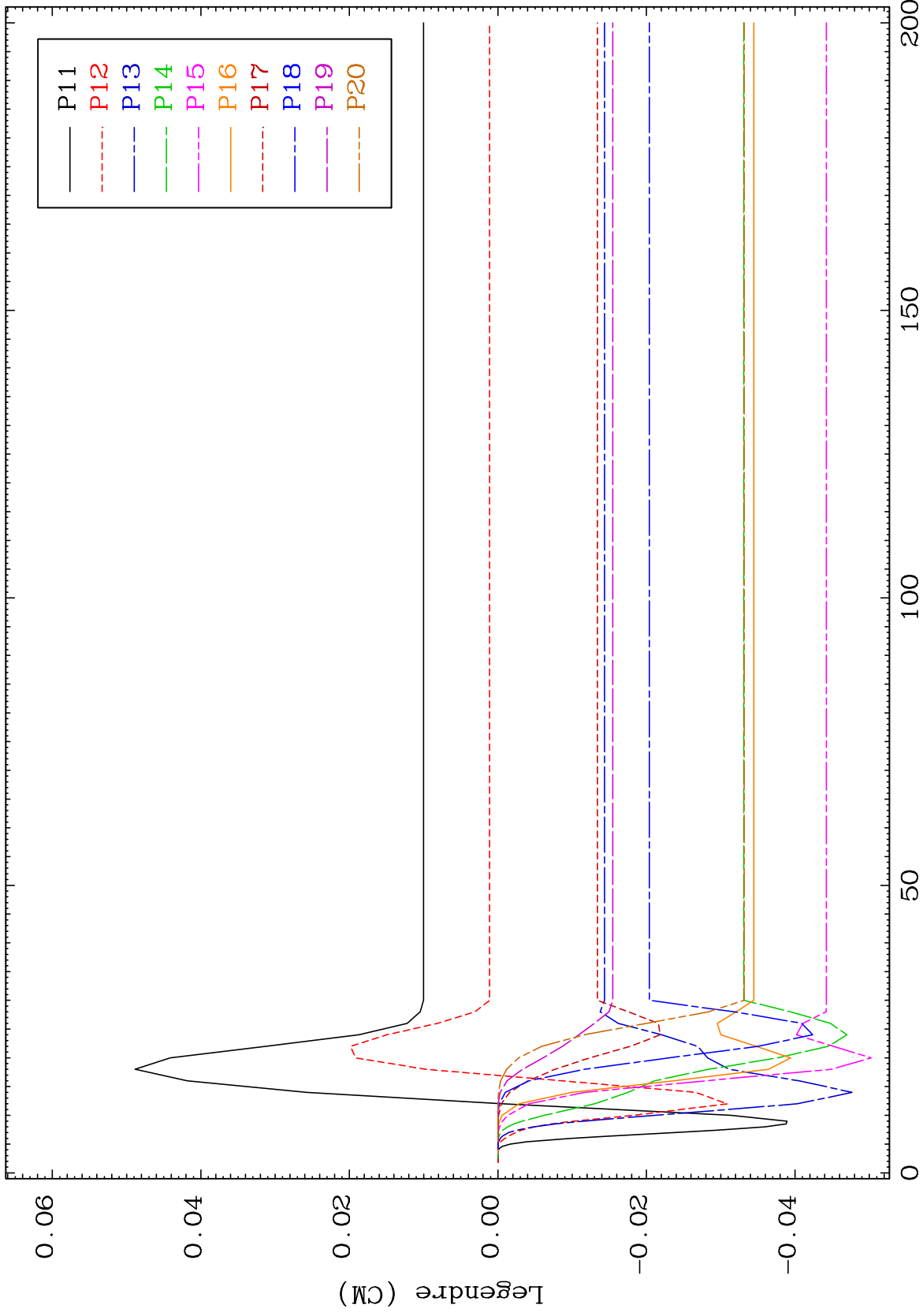
Incident Energy (MeV)

115

MAT 8095

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

81-Tl-193



116

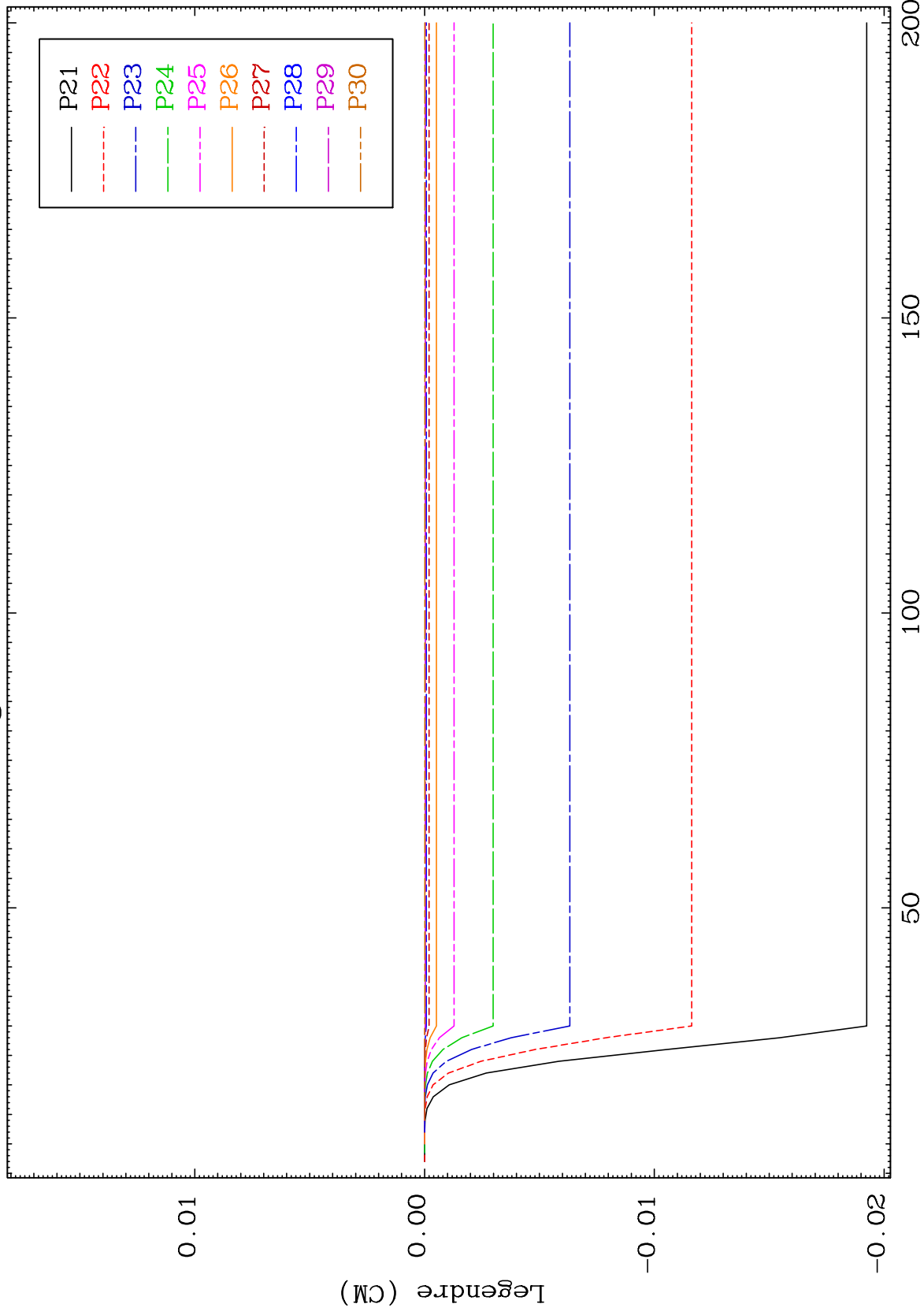
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

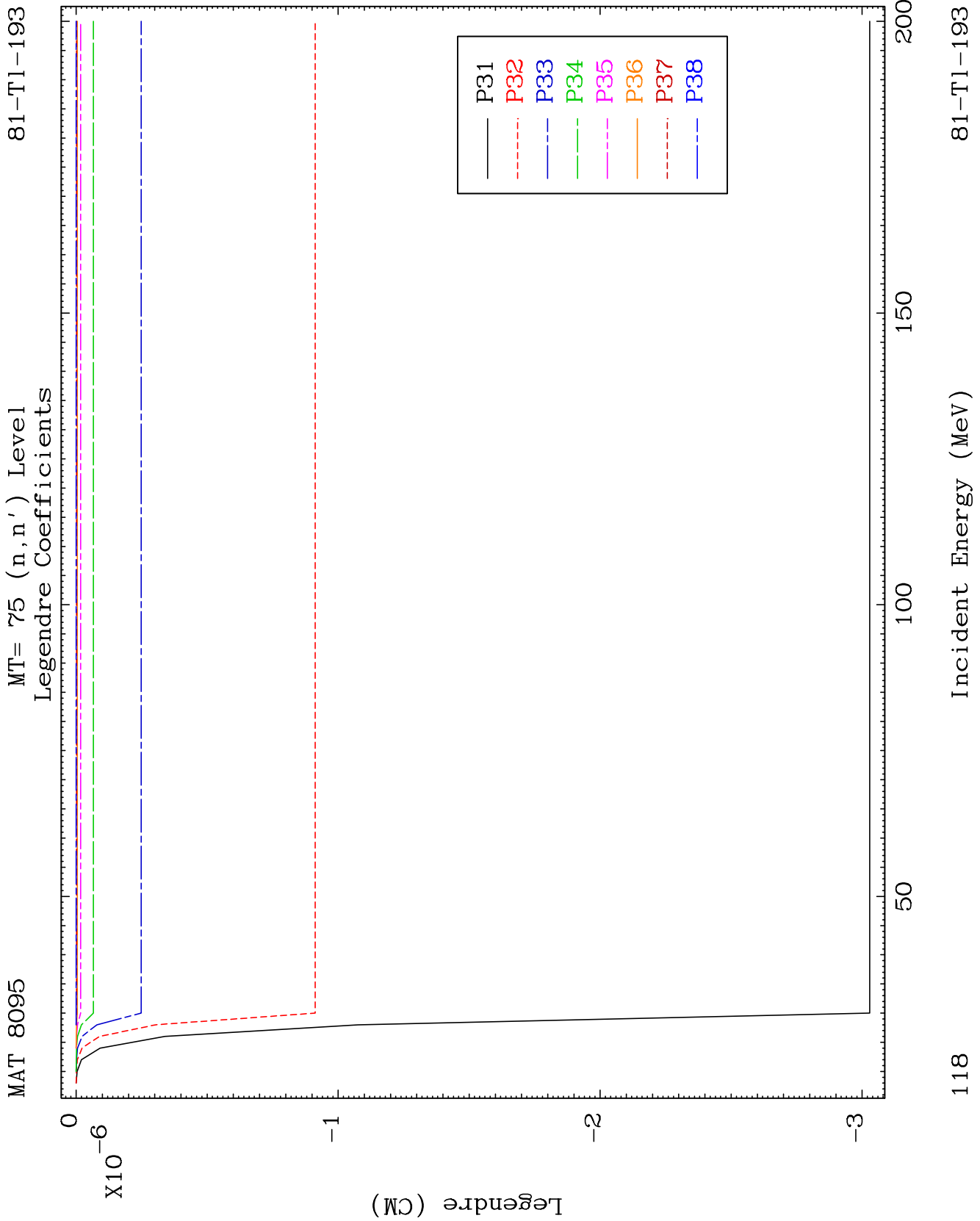
81-T1-193



117

Incident Energy (MeV)

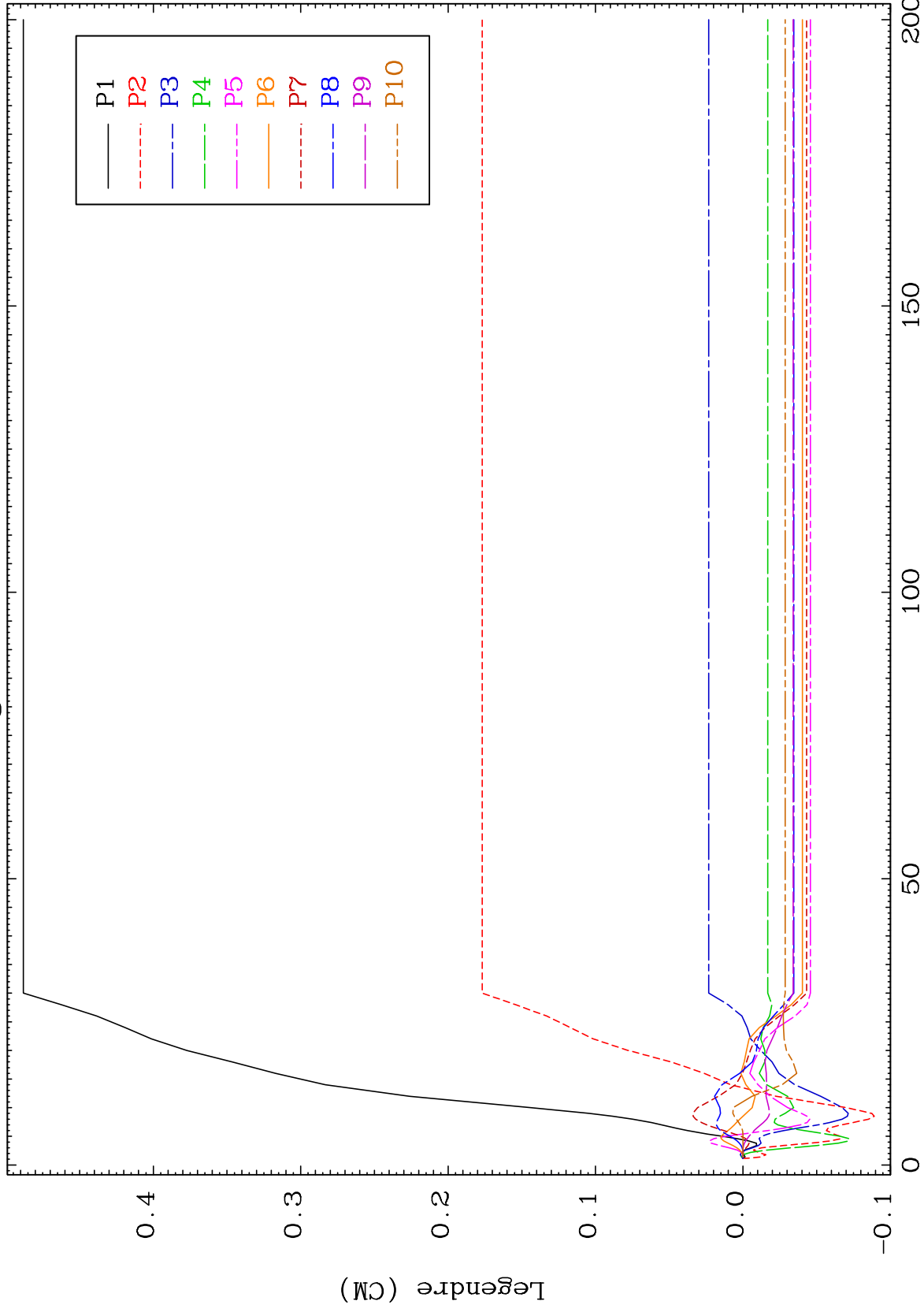
81-T1-193



MAT 8095

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

81-Tl-193



119

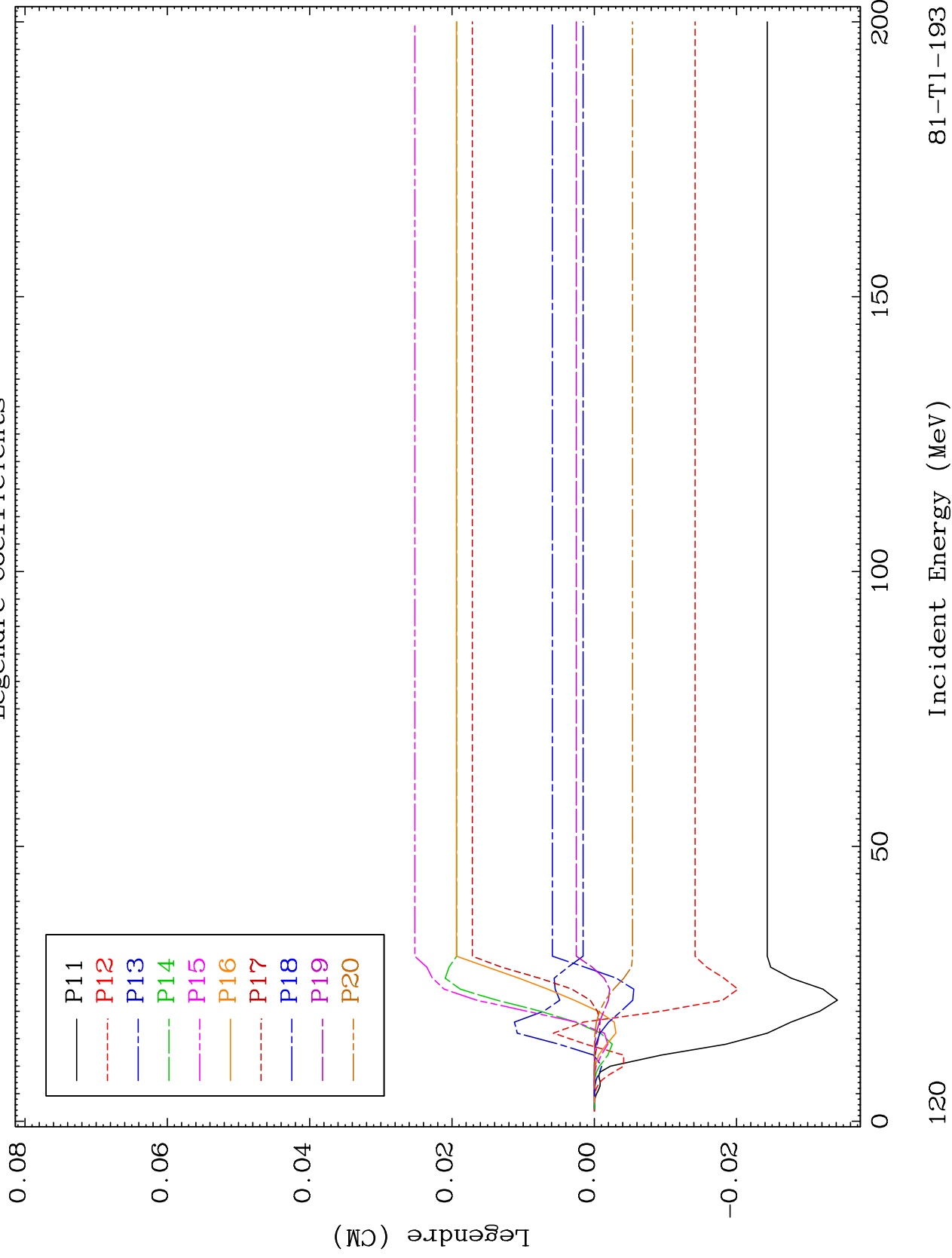
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193

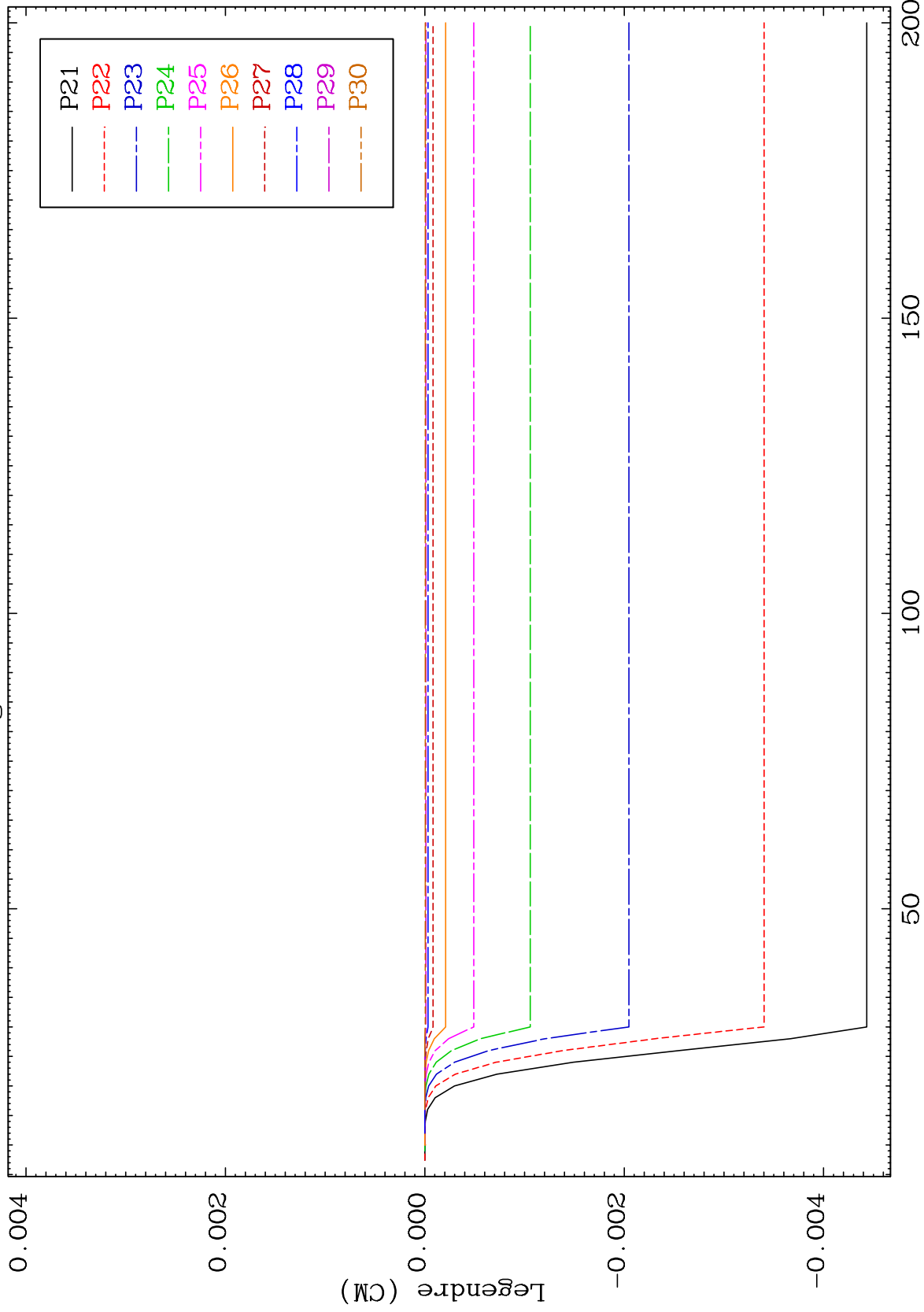


81-T1-193

MAT 8095

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

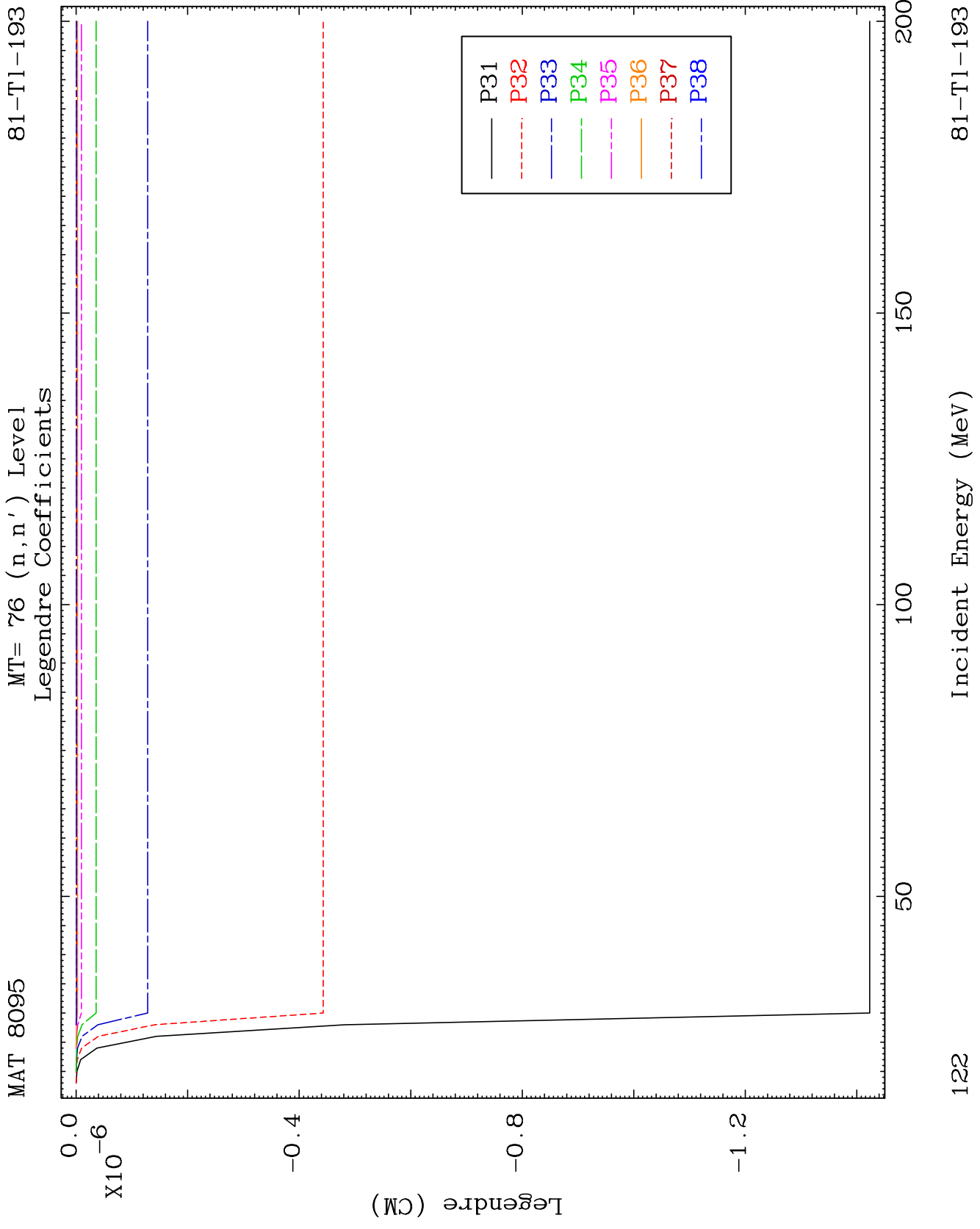
81-T1-193

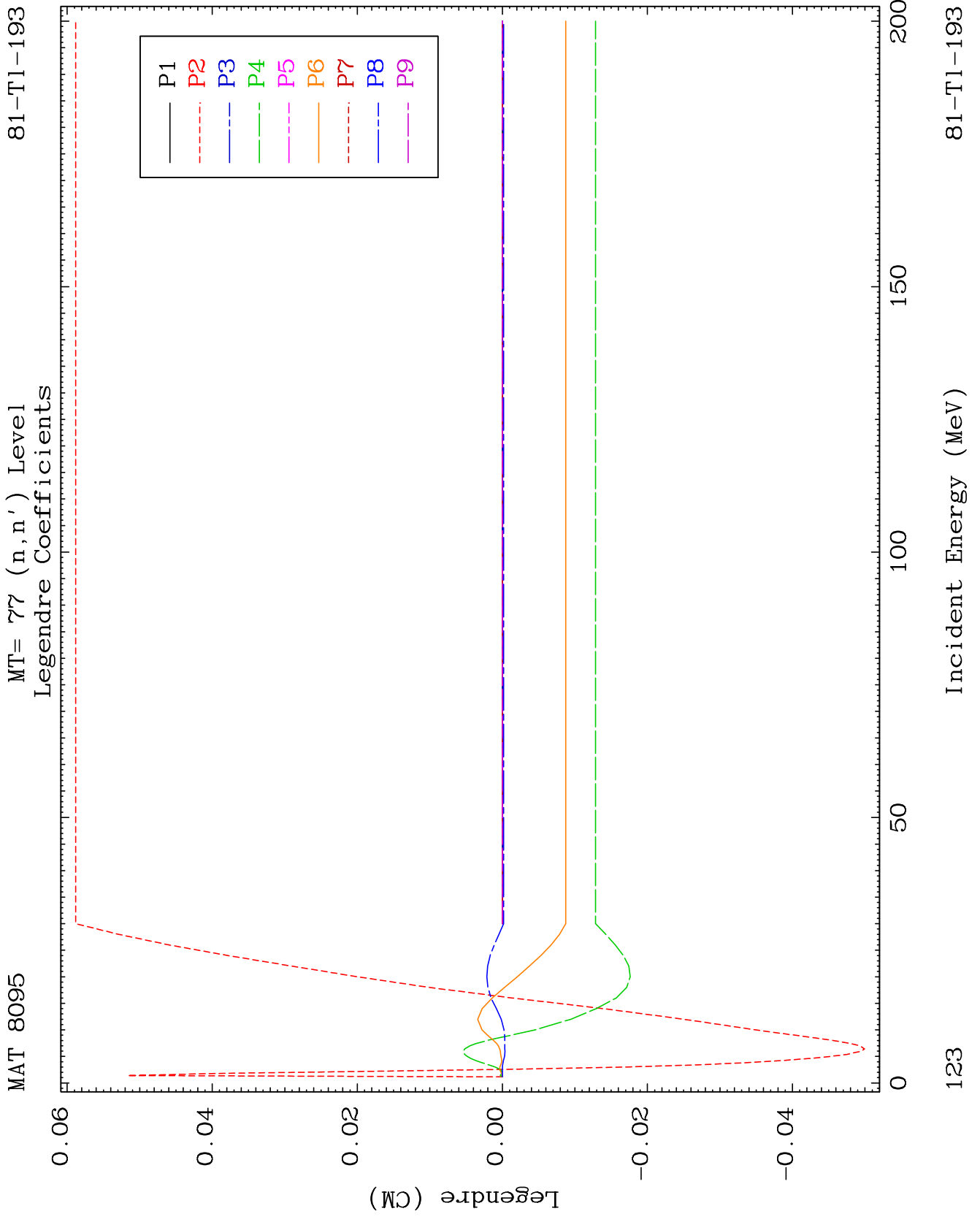


121

Incident Energy (MeV)

81-T1-193

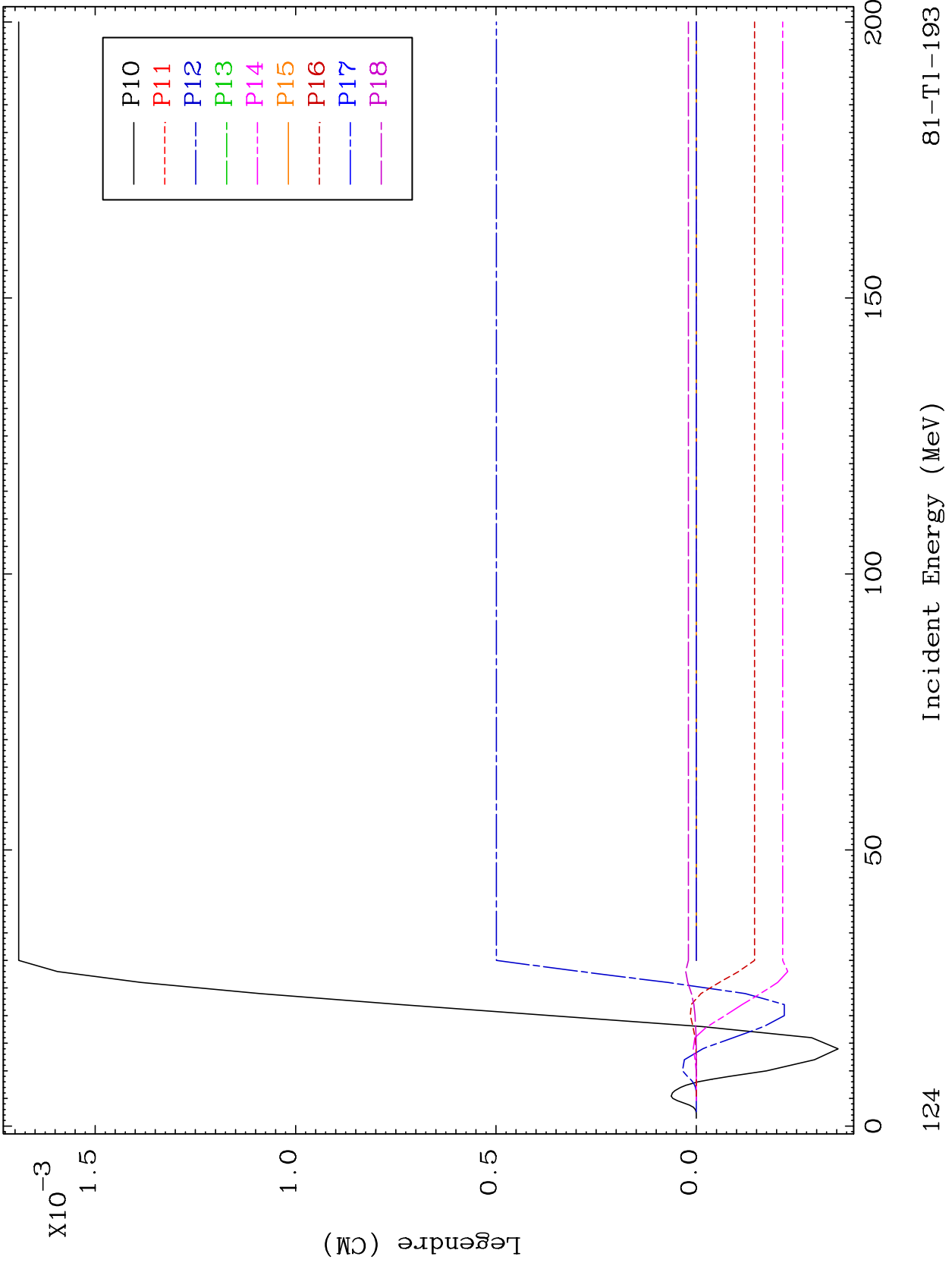




MAT 8095

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

81-Tl-193



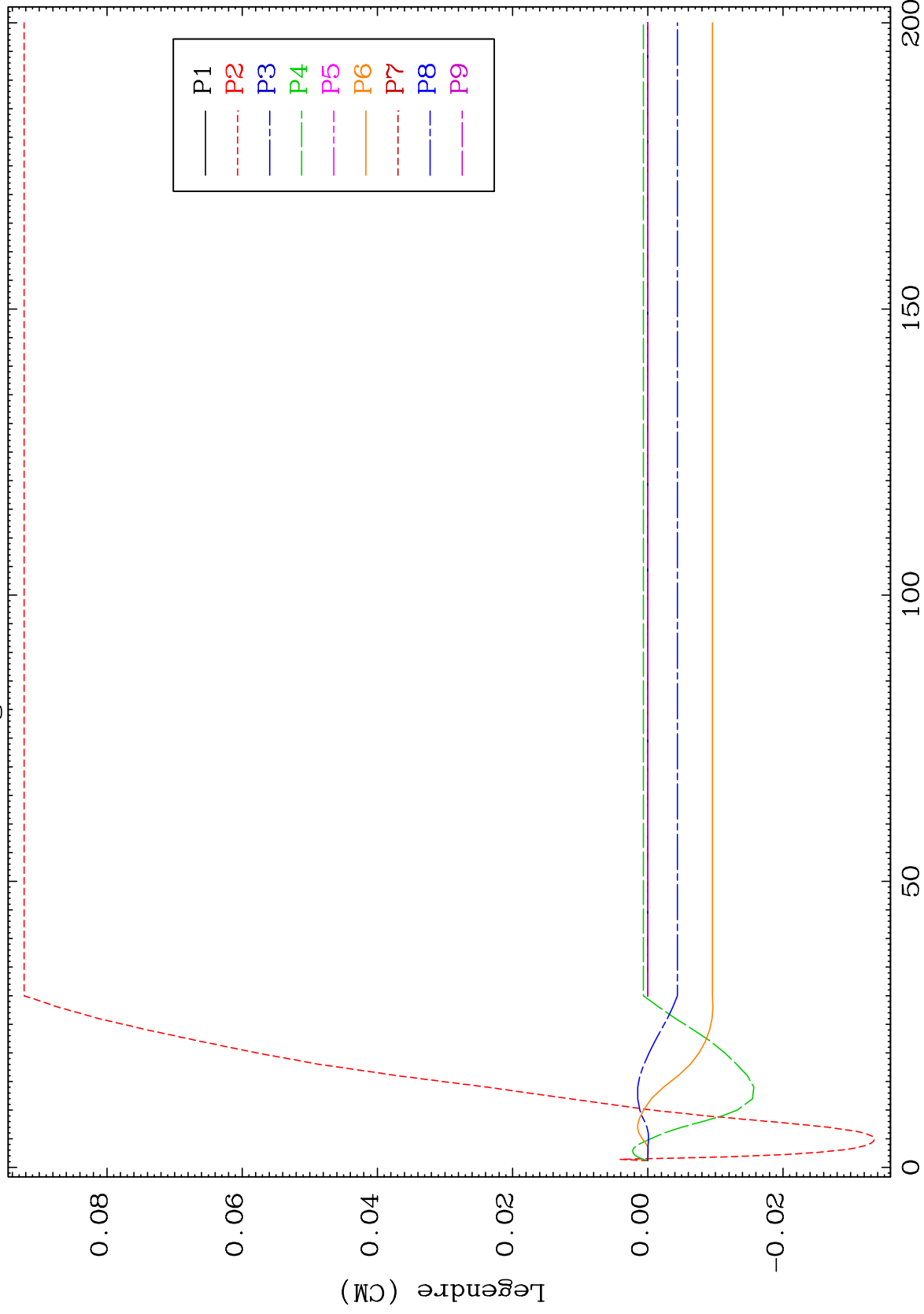
124

81-Tl-193

MAT 8095

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

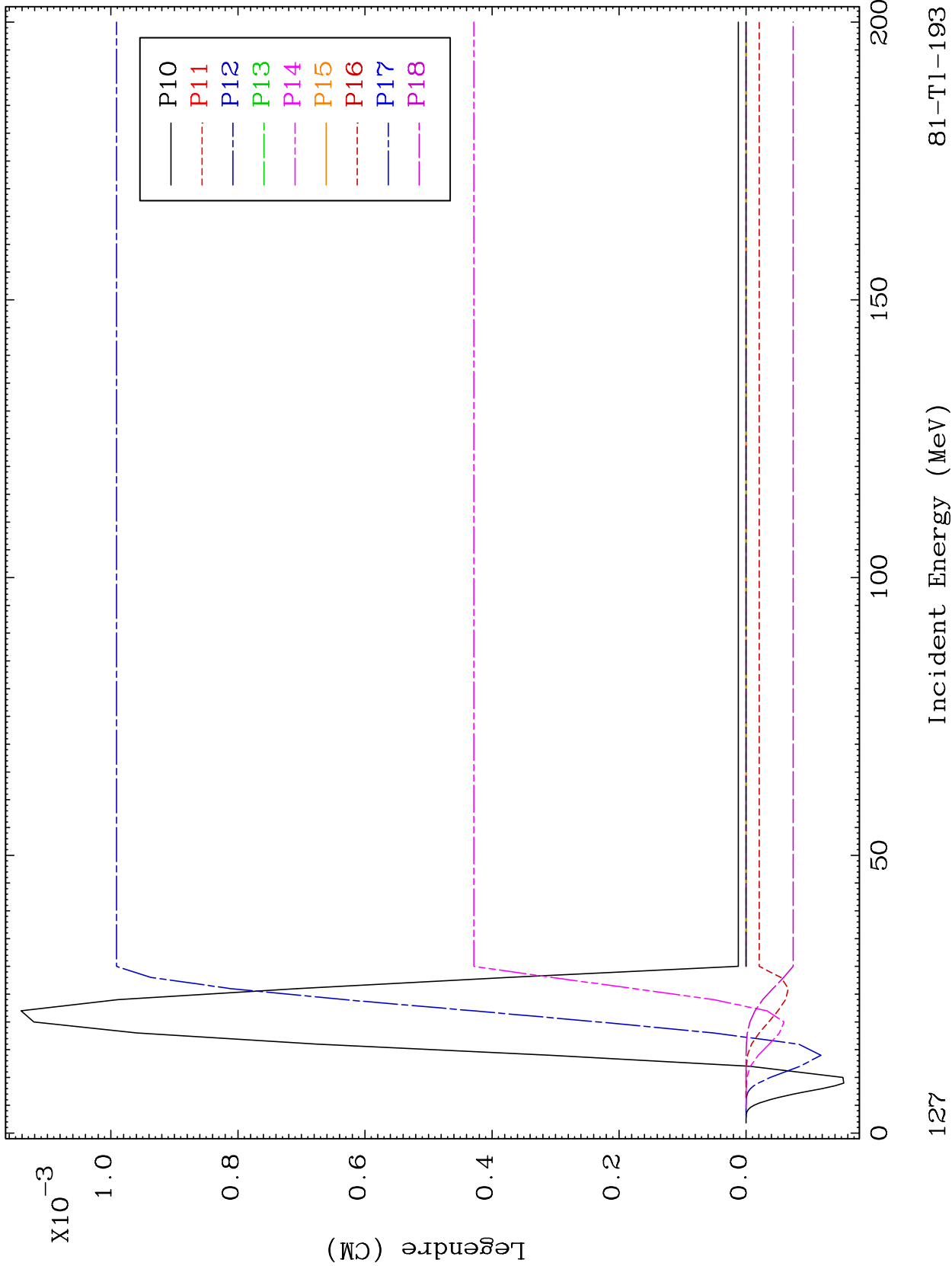
81-T1-193

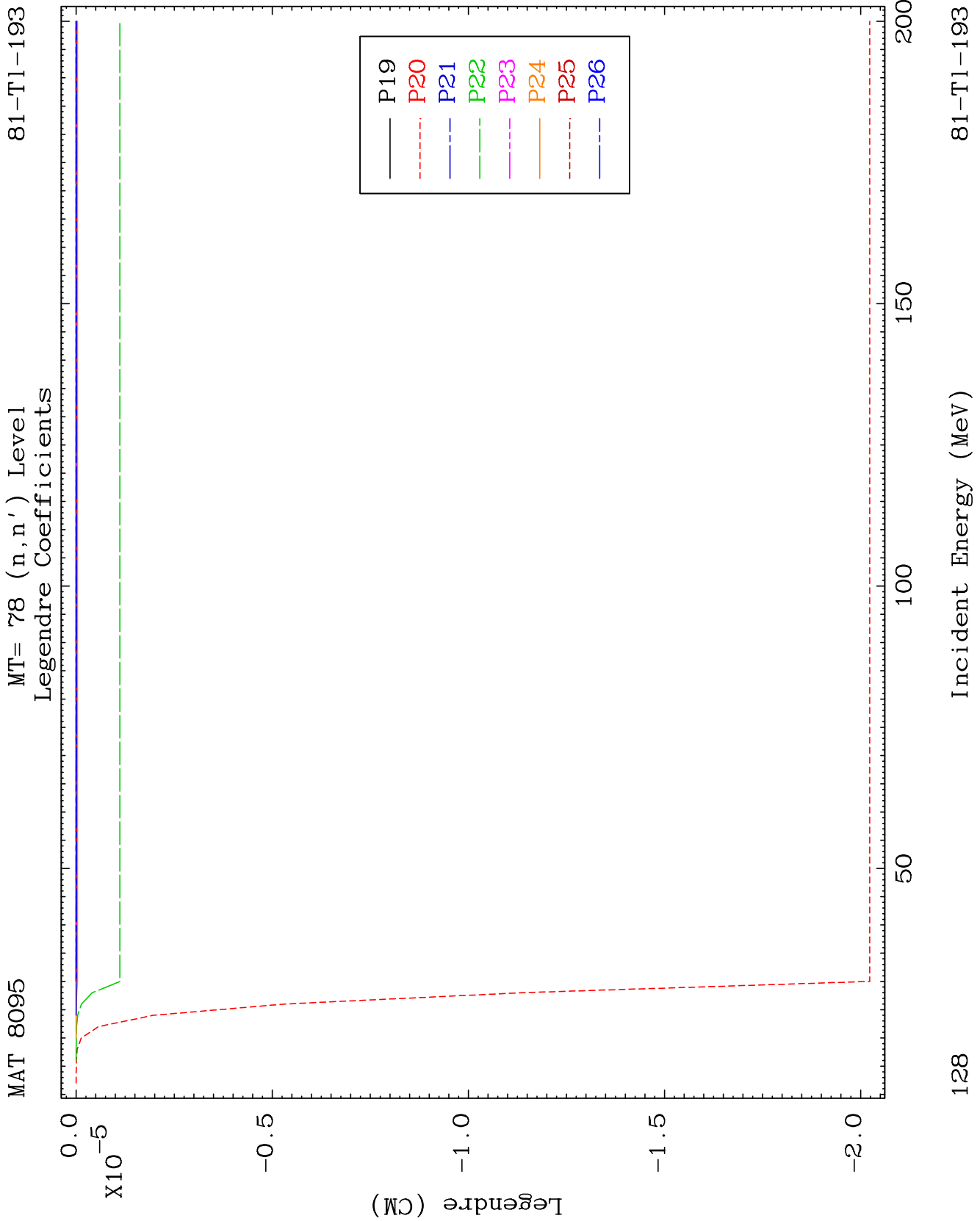


126

Incident Energy (MeV)

81-T1-193

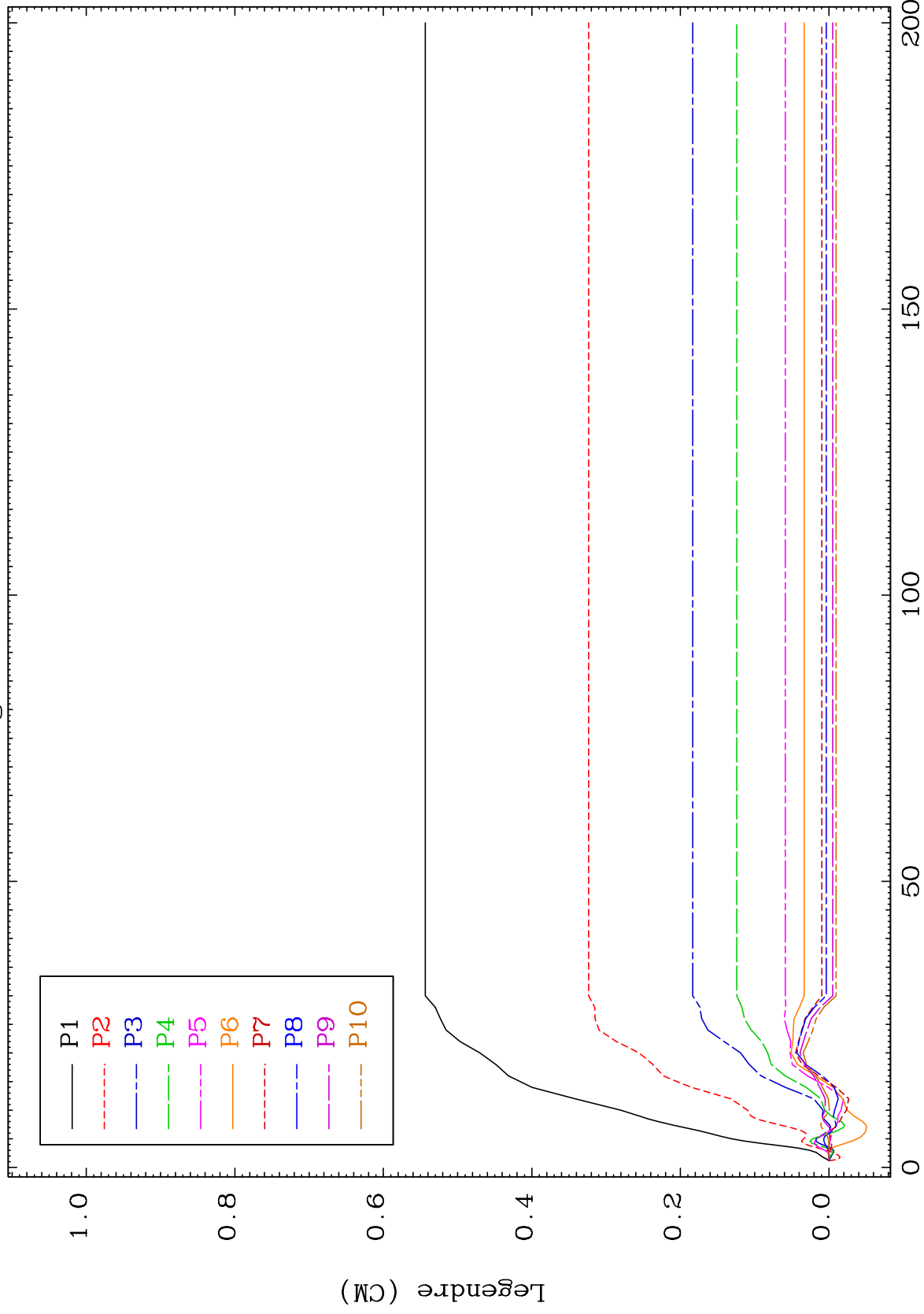




MAT 8095

MT= 79 (n,n') Level
Legendre Coefficients

81-T1-193



129

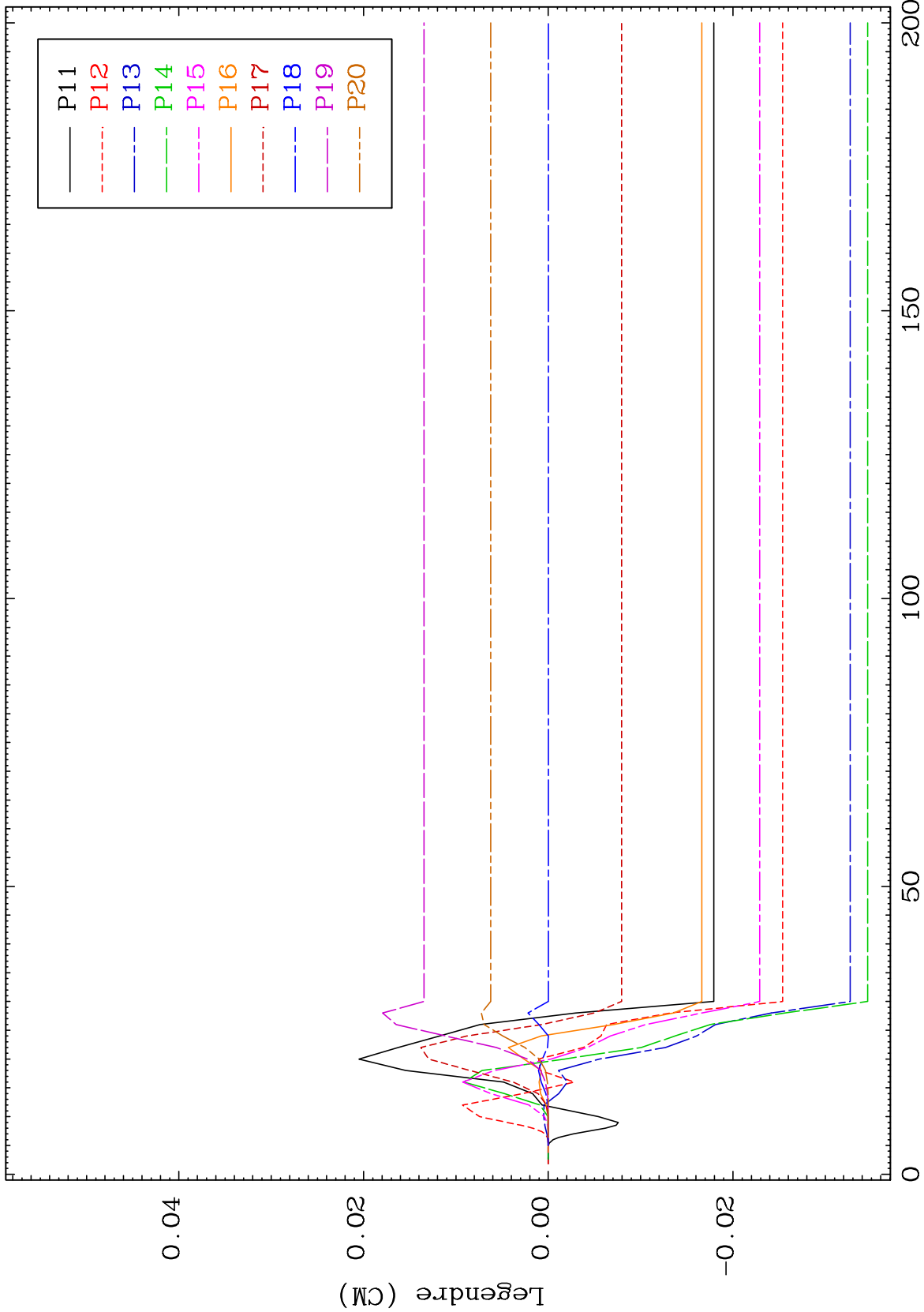
Incident Energy (MeV)

81-T1-193

MAT 8095

MT= 79 (n,n') Level
Legendre Coefficients

81-Tl-193



130

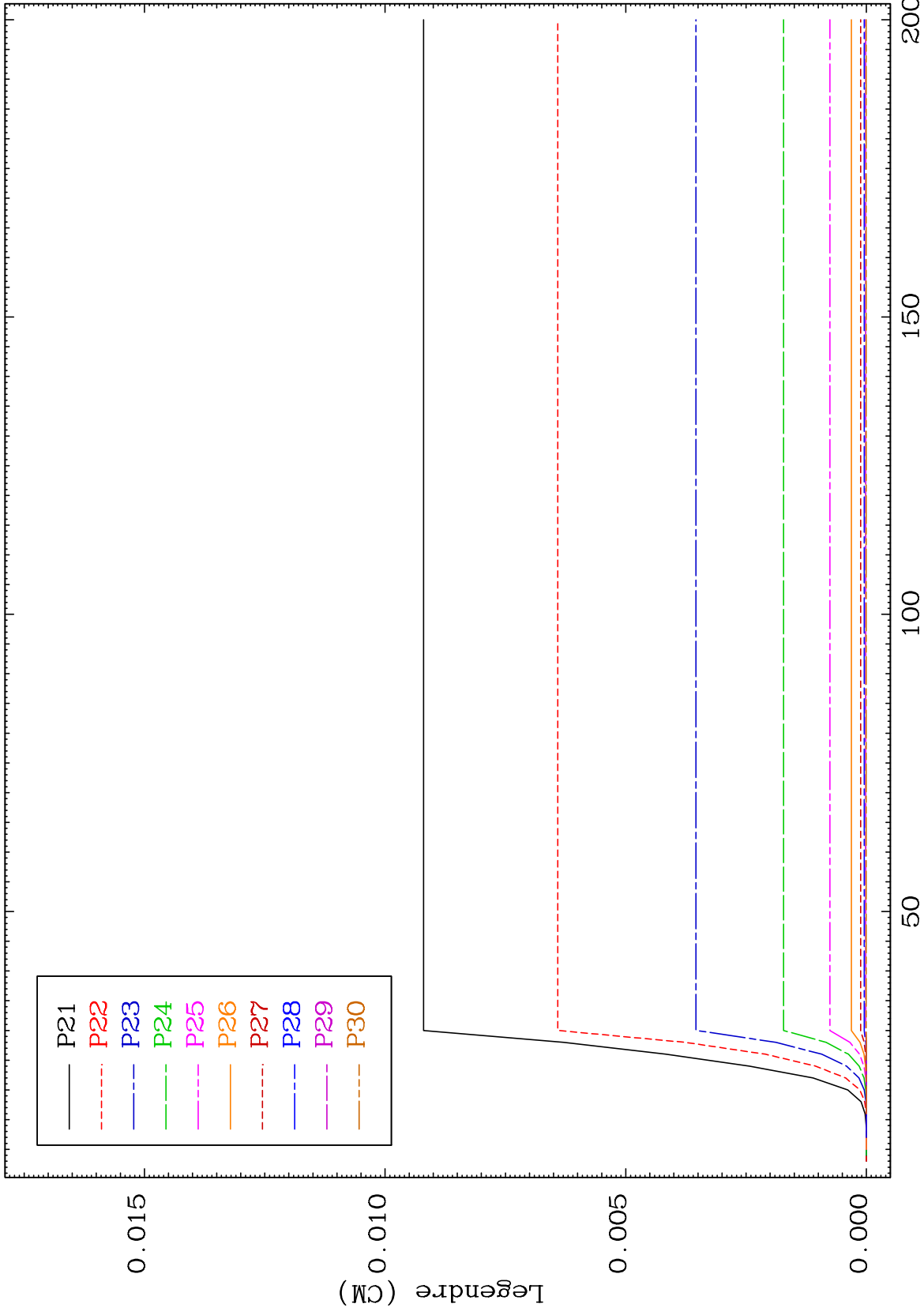
Incident Energy (MeV)

81-Tl-193

MAT 8095

MT= 79 (n,n') Level
Legendre Coefficients

81-Tl-193



131

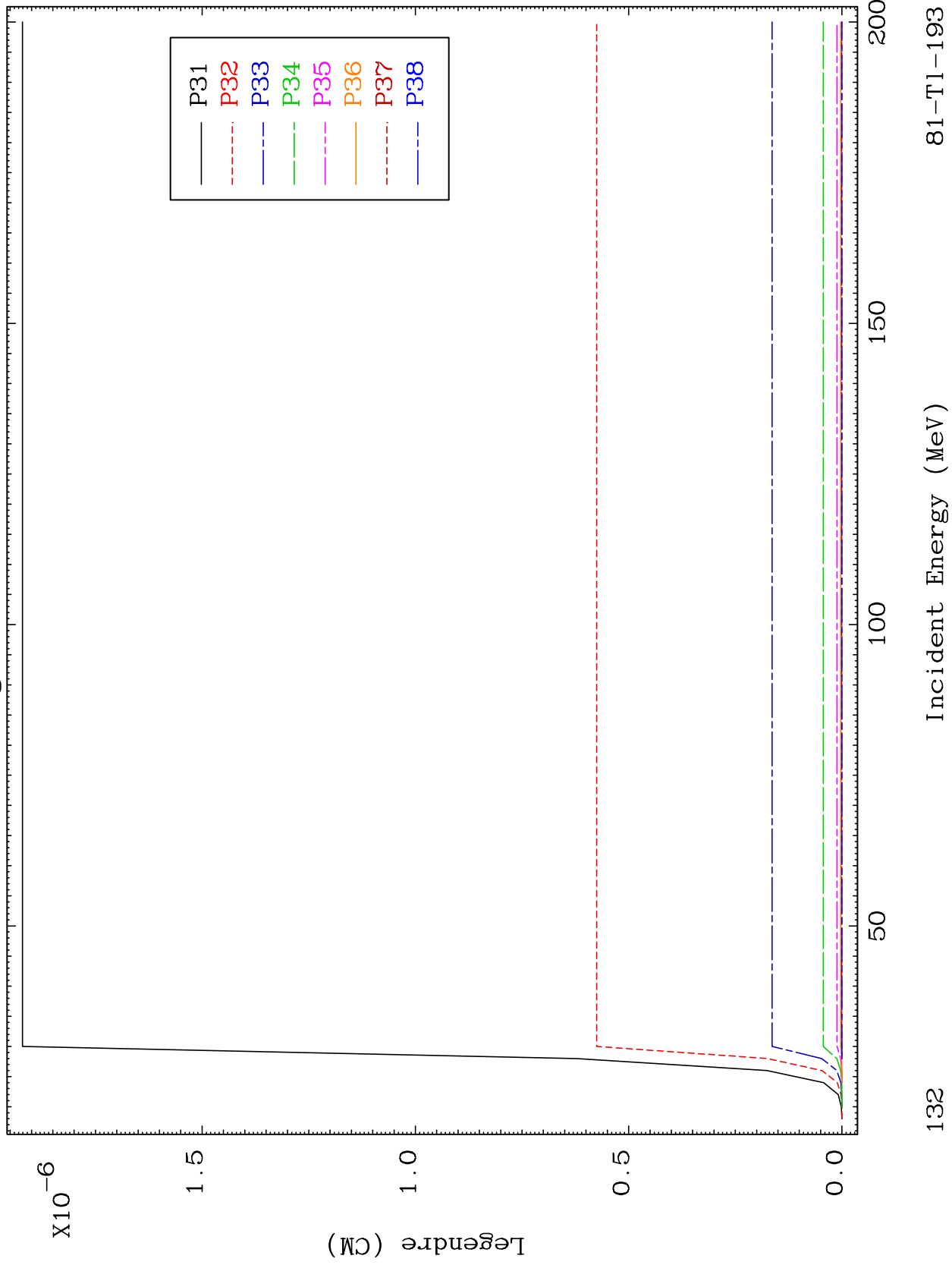
Incident Energy (MeV)

81-Tl-193

MAT 8095

MT= 79 (n,n') Level
Legendre Coefficients

81-Tl-193



132

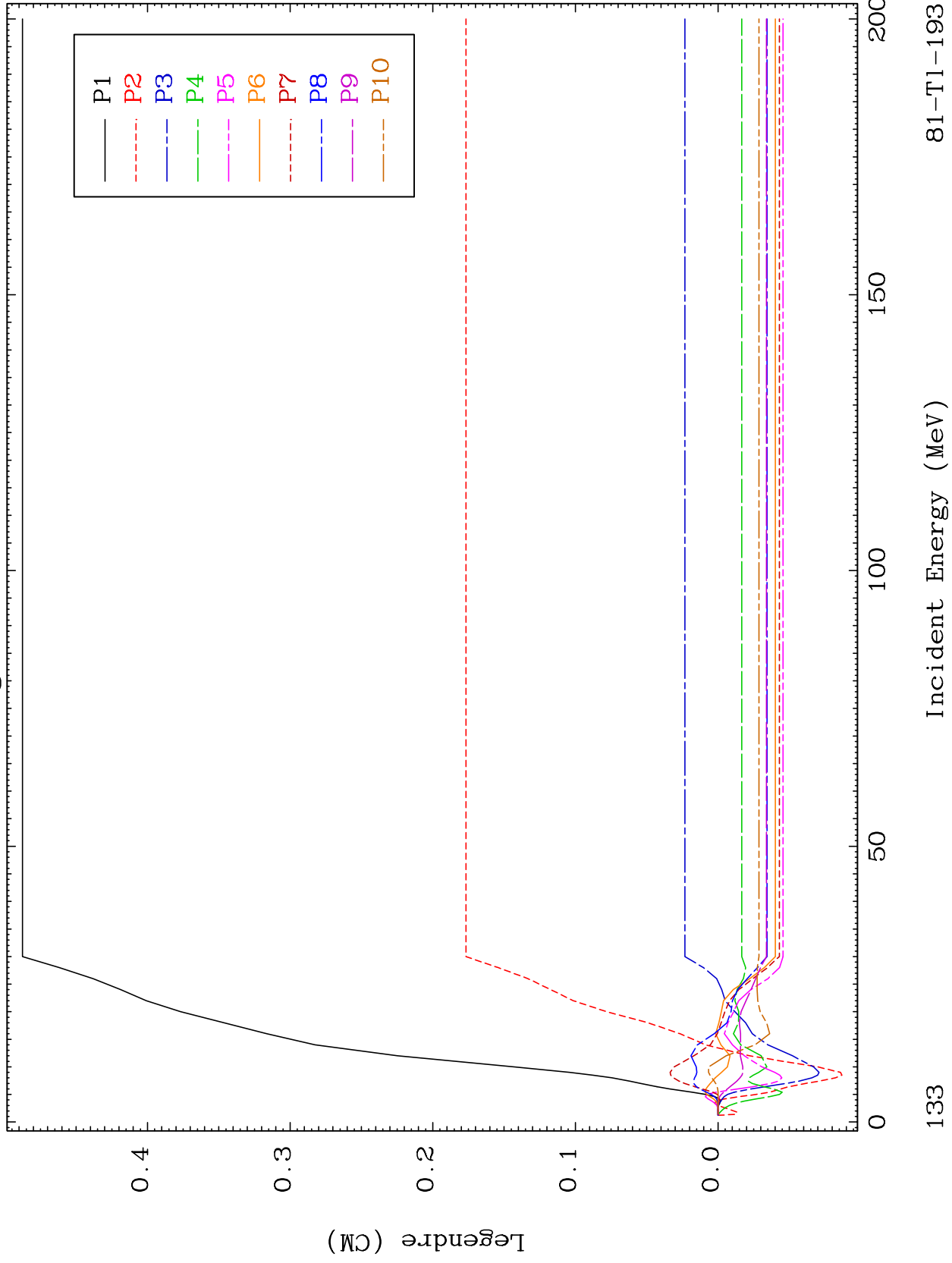
Incident Energy (MeV)

81-Tl-193

MAT 8095

MT= 80 (n,n') Level
Legendre Coefficients

81-Tl-193



81-Tl-193

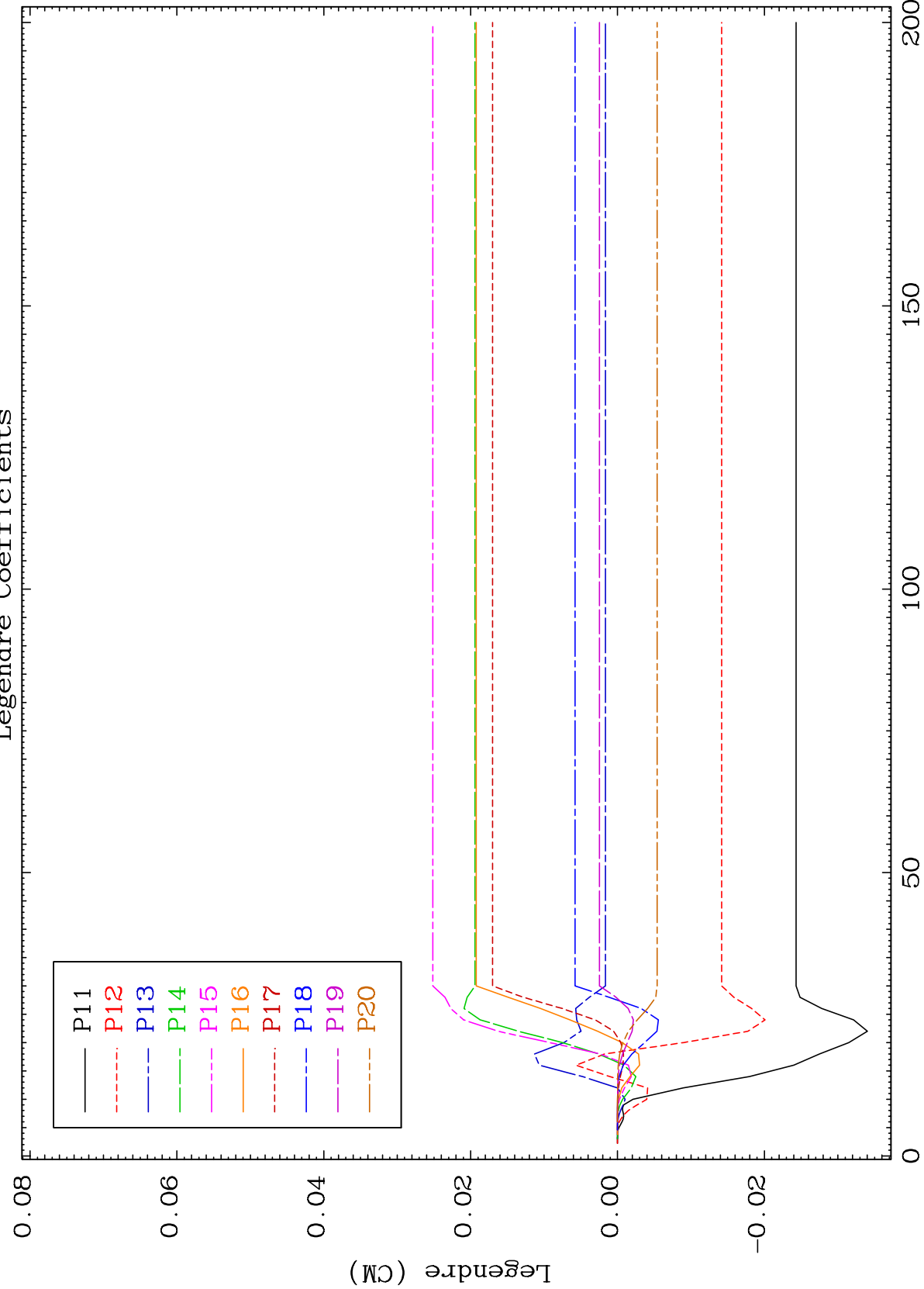
Incident Energy (MeV)

133

MAT 8095

MT= 80 (n,n') Level
Legendre Coefficients

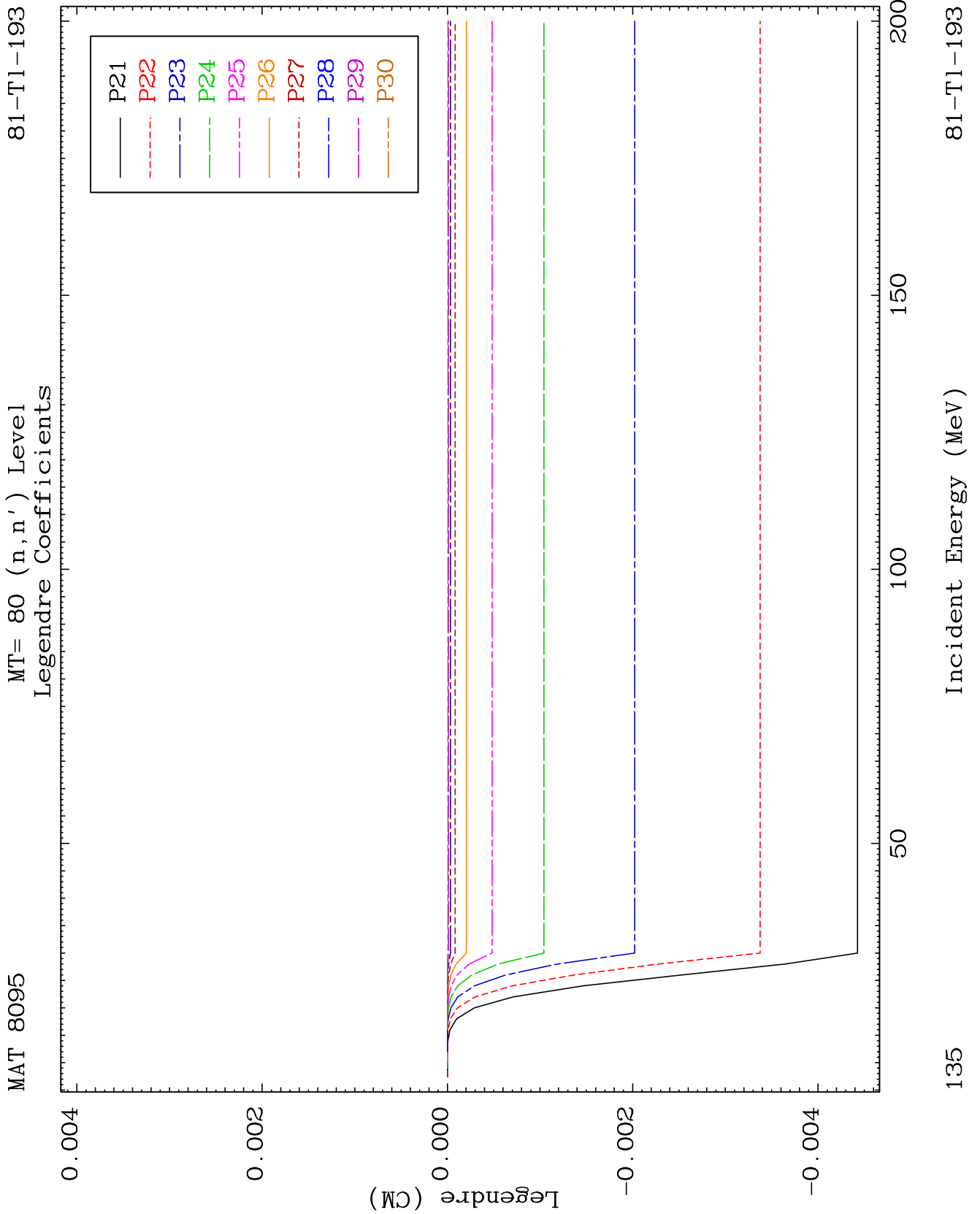
81-T1-193

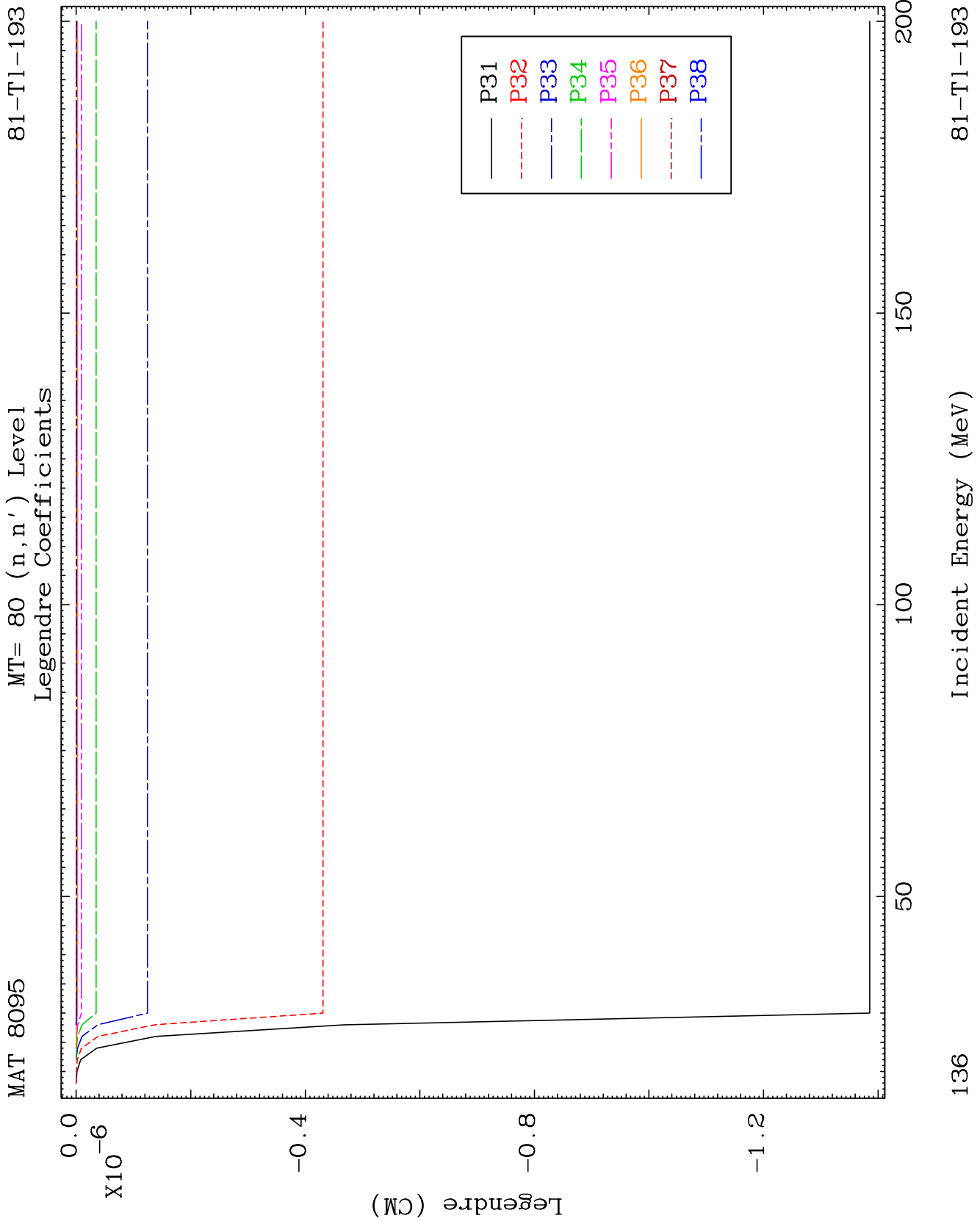


134

Incident Energy (MeV)

81-T1-193



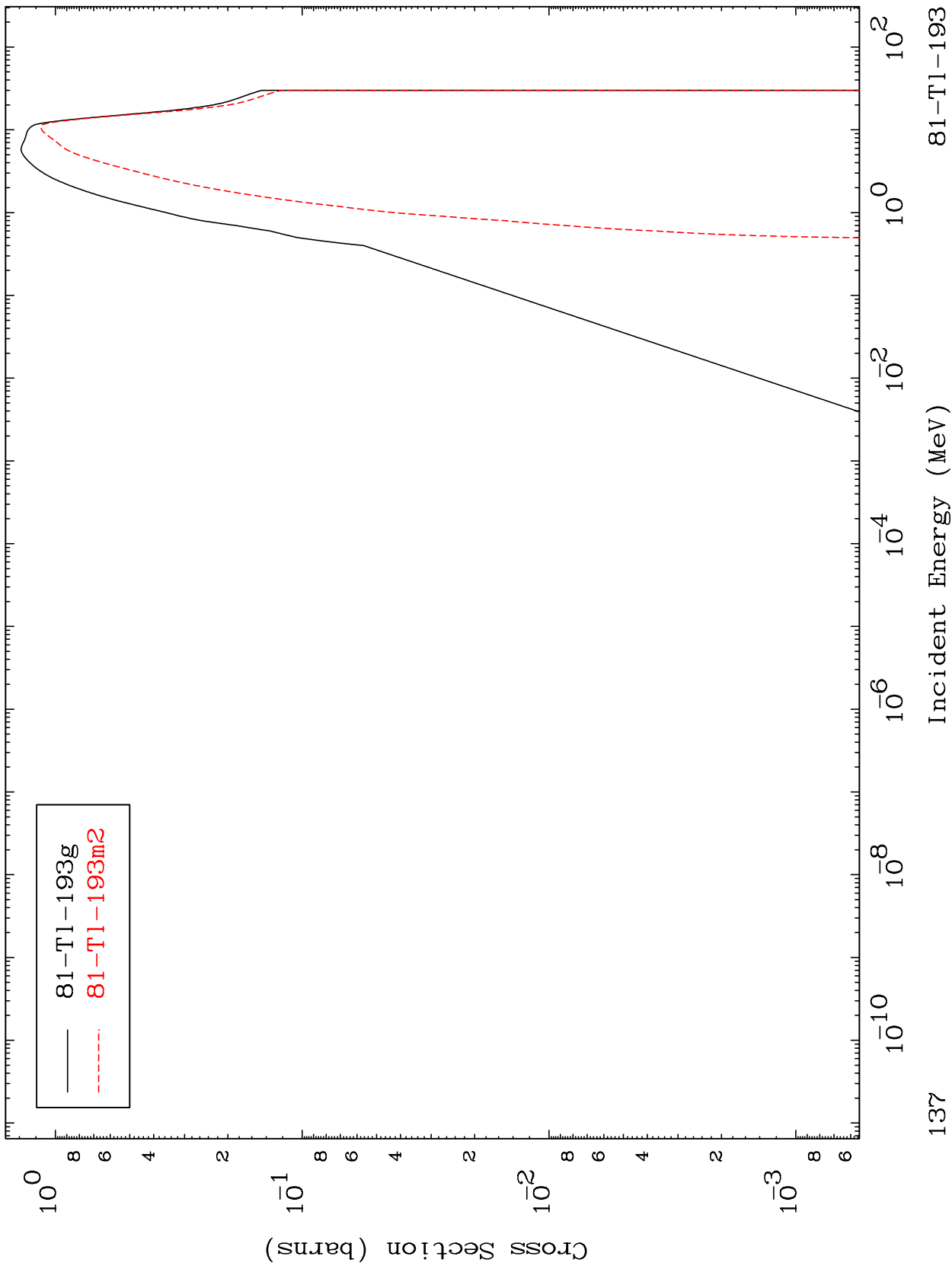


MAT 8095

Inelastic

81-Tl-193

Radionuclide Production Cross Section

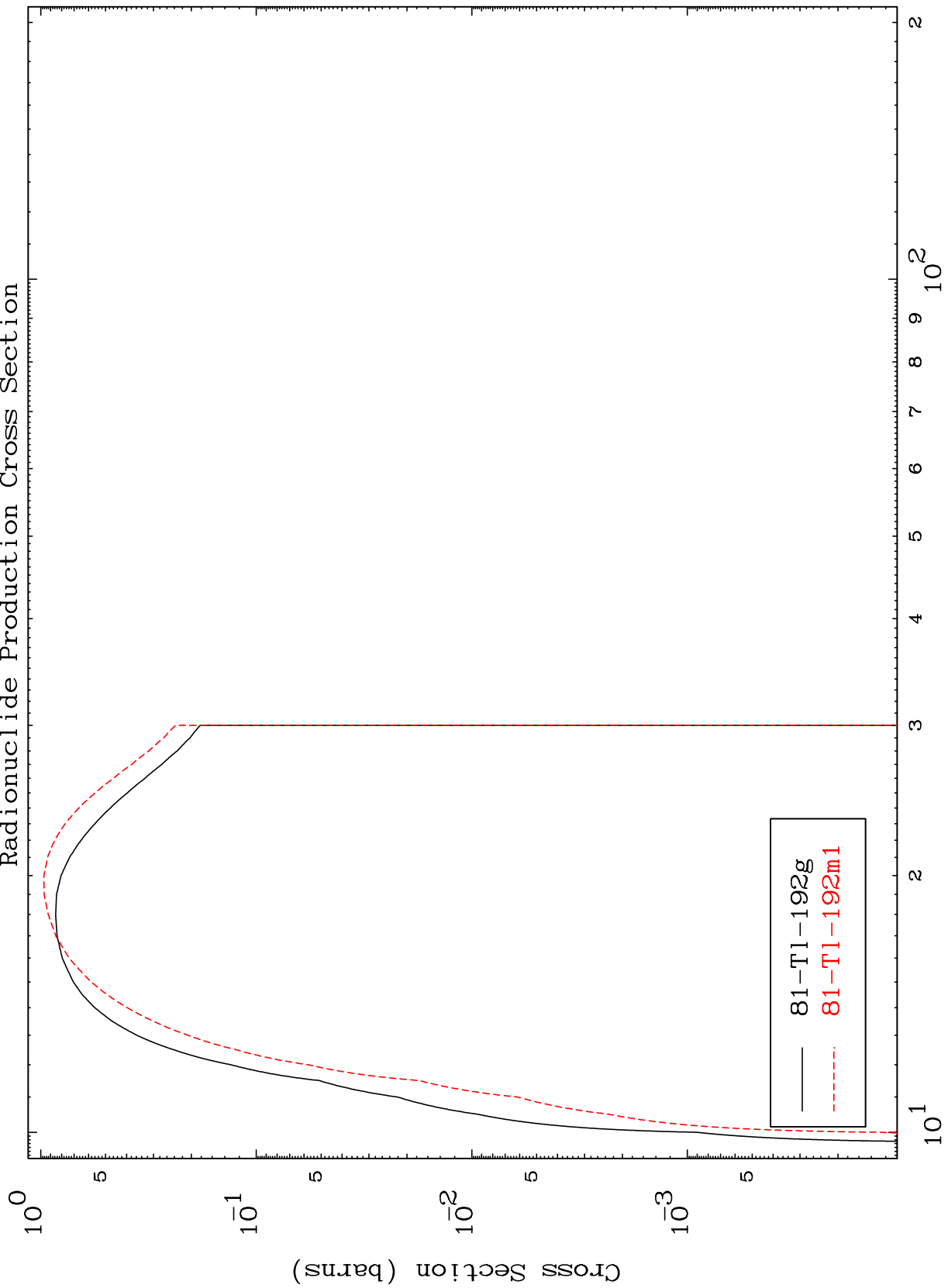


81-Tl-193g
81-Tl-193m2

MAT 8095

81-Tl-193

Radionuclide Production Cross Section
(n,2n)

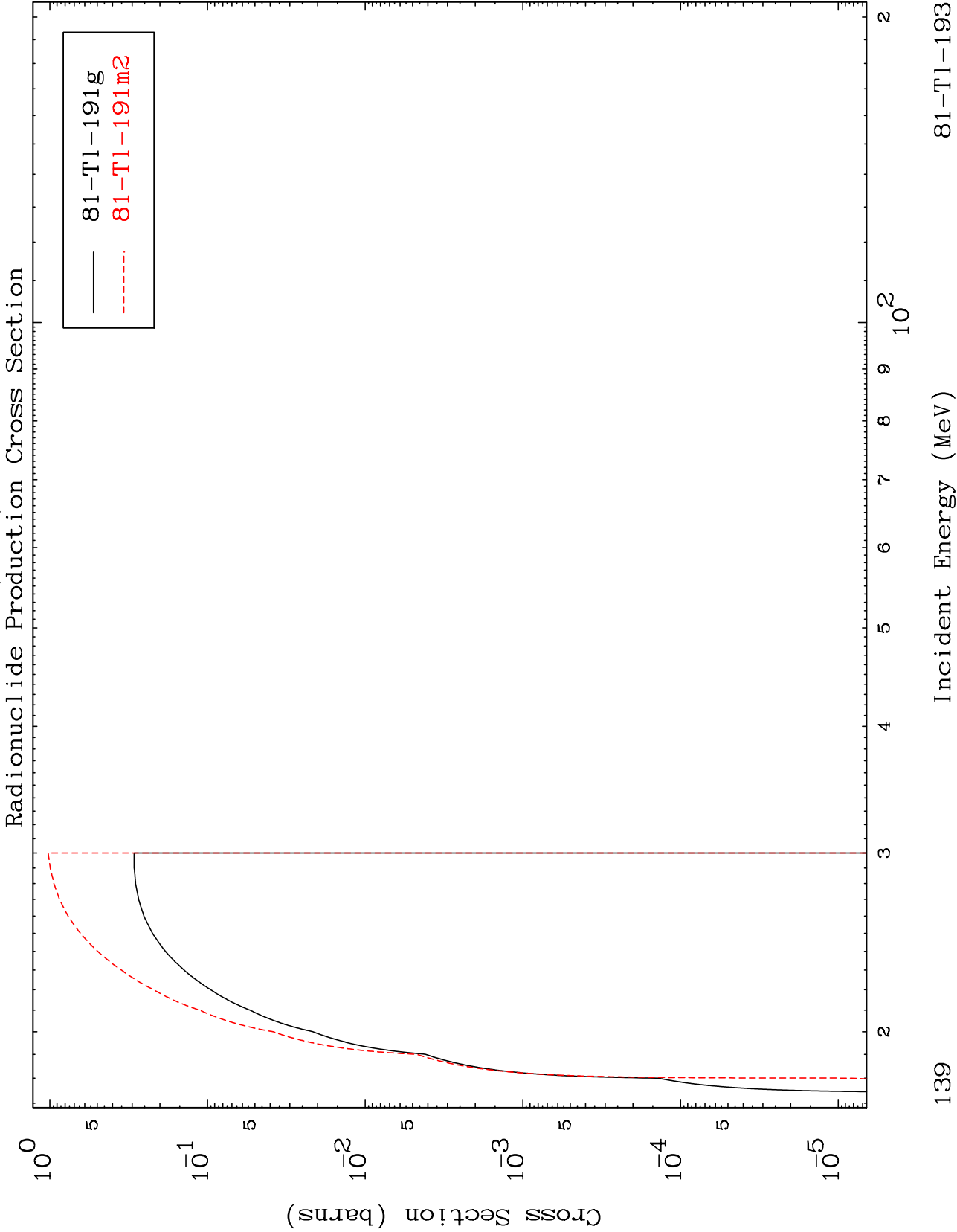


81-Tl-192g
81-Tl-192m1

81-Tl-193

Incident Energy (MeV)

138

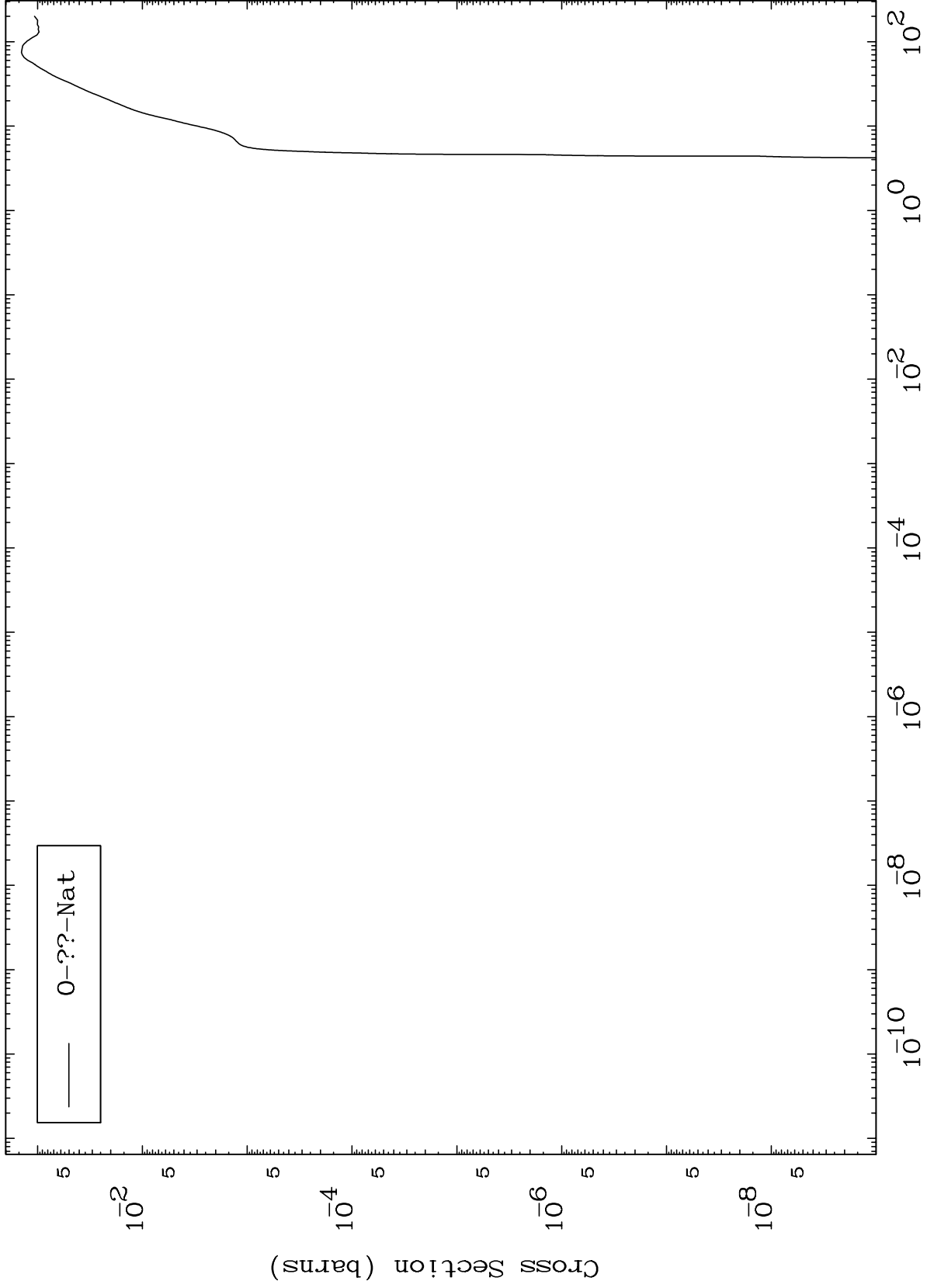


MAT 8095

Fission

81-Tl-193

Radionuclide Production Cross Section



140

Incident Energy (MeV)

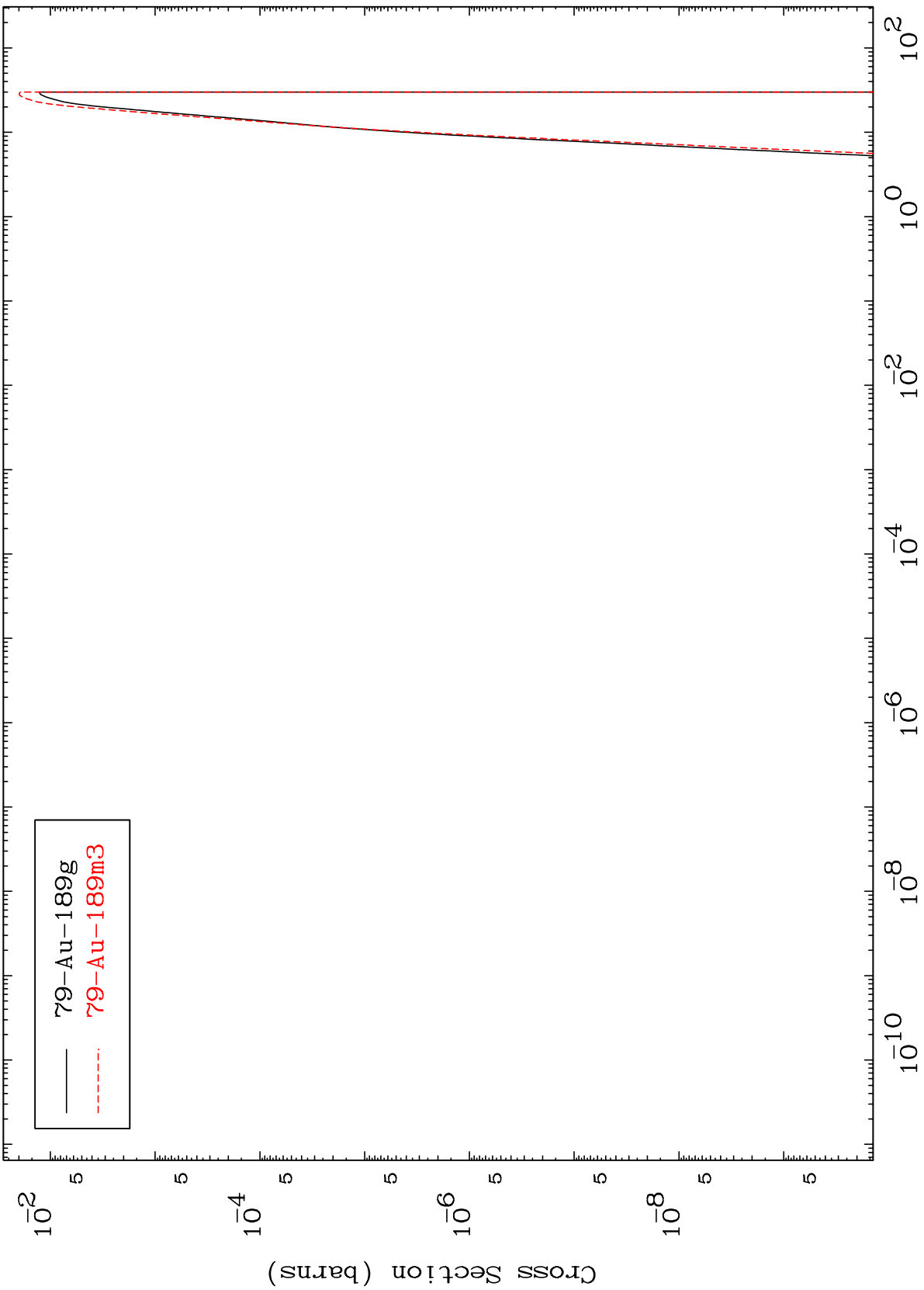
81-Tl-193

MAT 8095

$(n, n') \alpha$

81-Tl-193

Radionuclide Production Cross Section



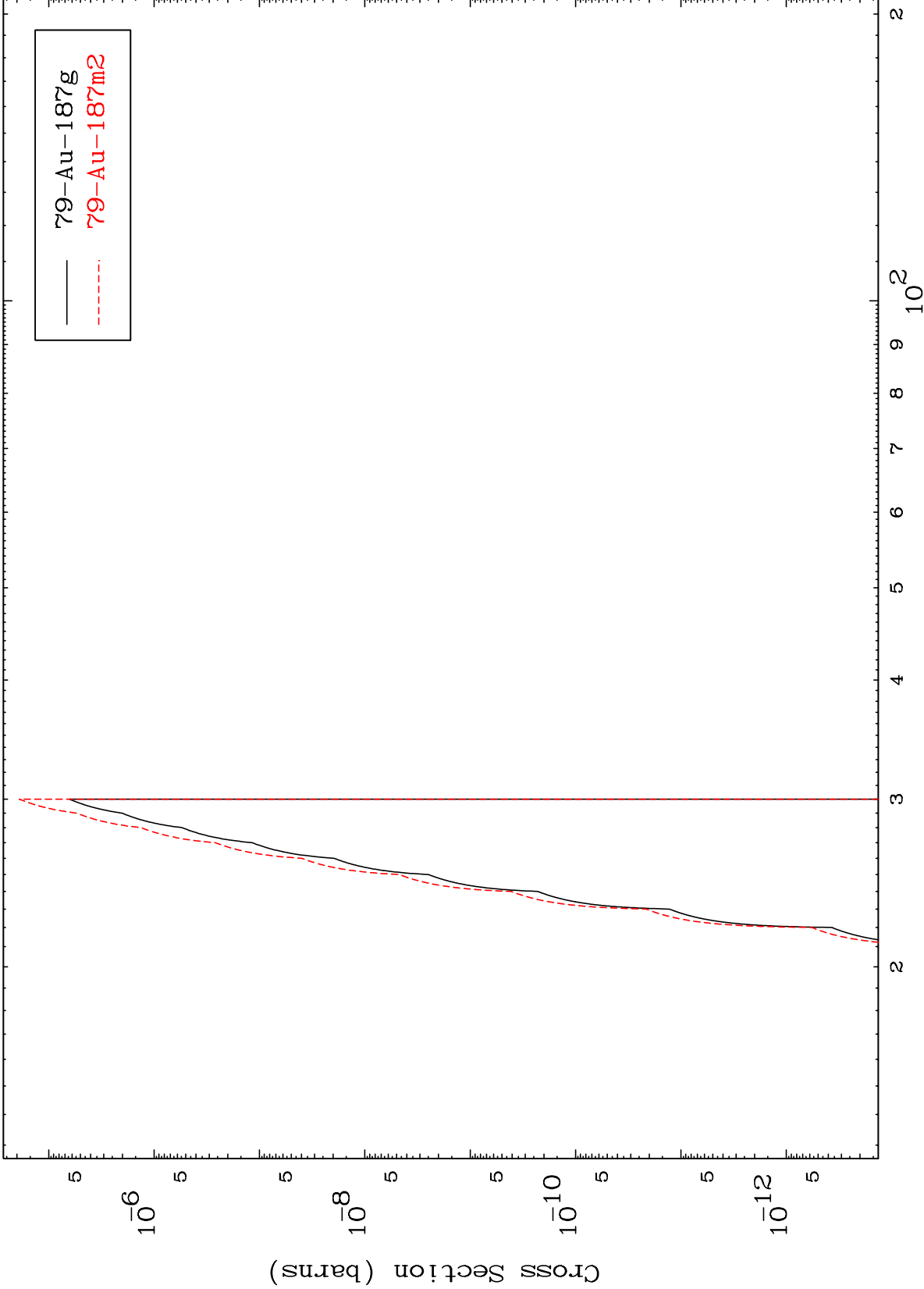
— ^{189}gAu
- - - $^{189}\text{m3Au}$

141

Incident Energy (MeV)

81-Tl-193

Radionuclide Production Cross Section

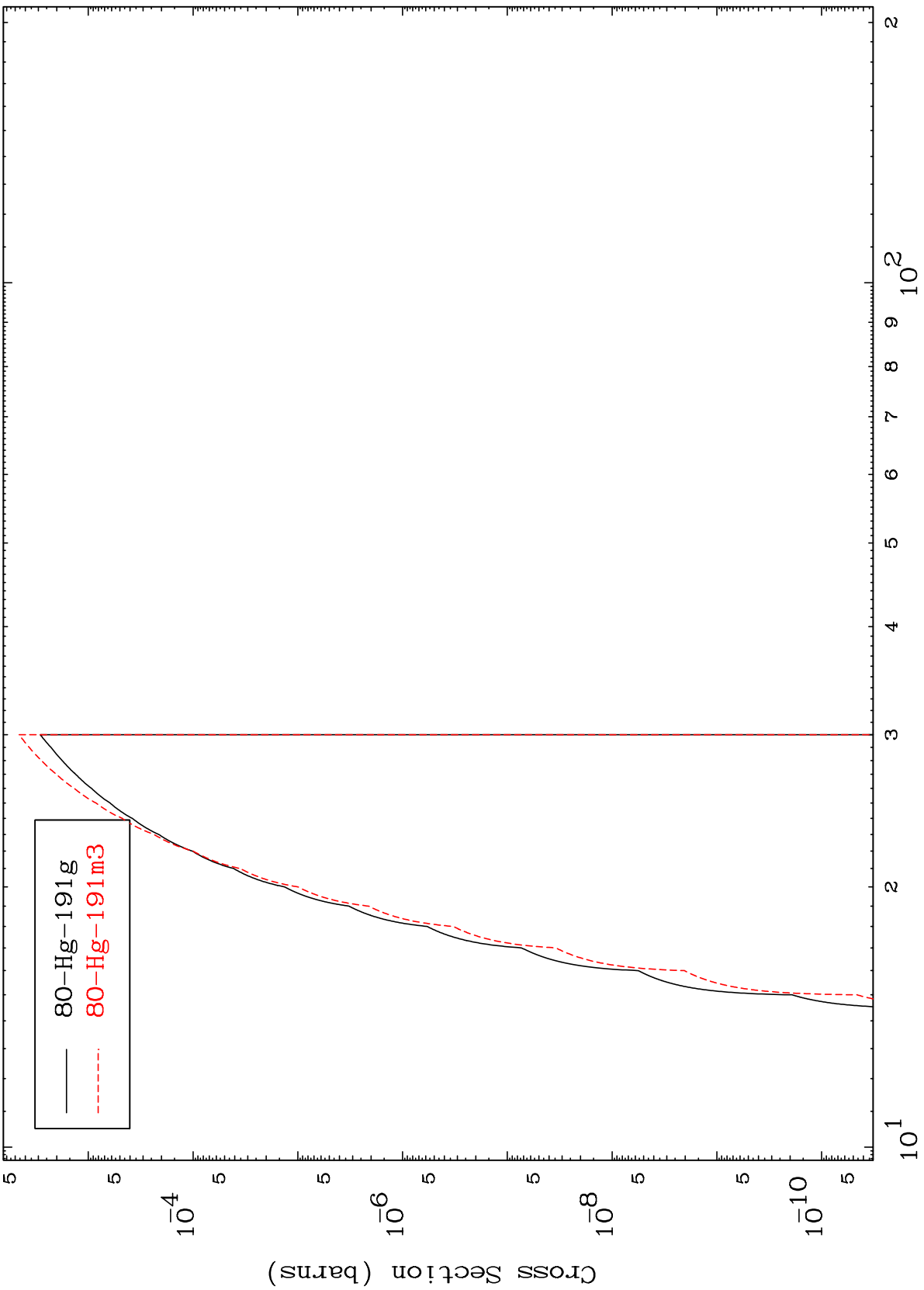


MAT 8095

(n,n') d

81-T1-193

Radionuclide Production Cross Section

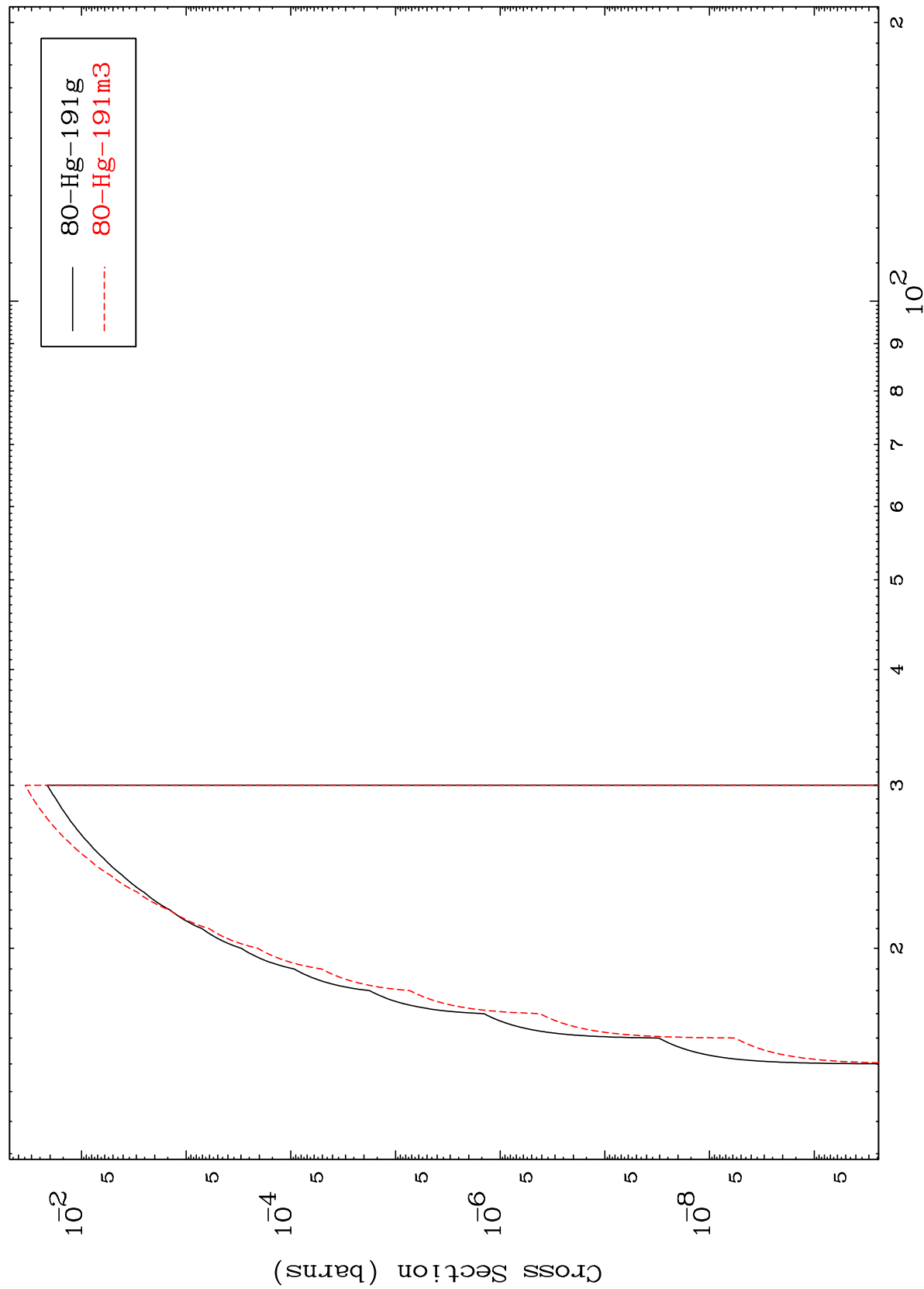


143

Incident Energy (MeV)

81-T1-193

Radionuclide Production Cross Section

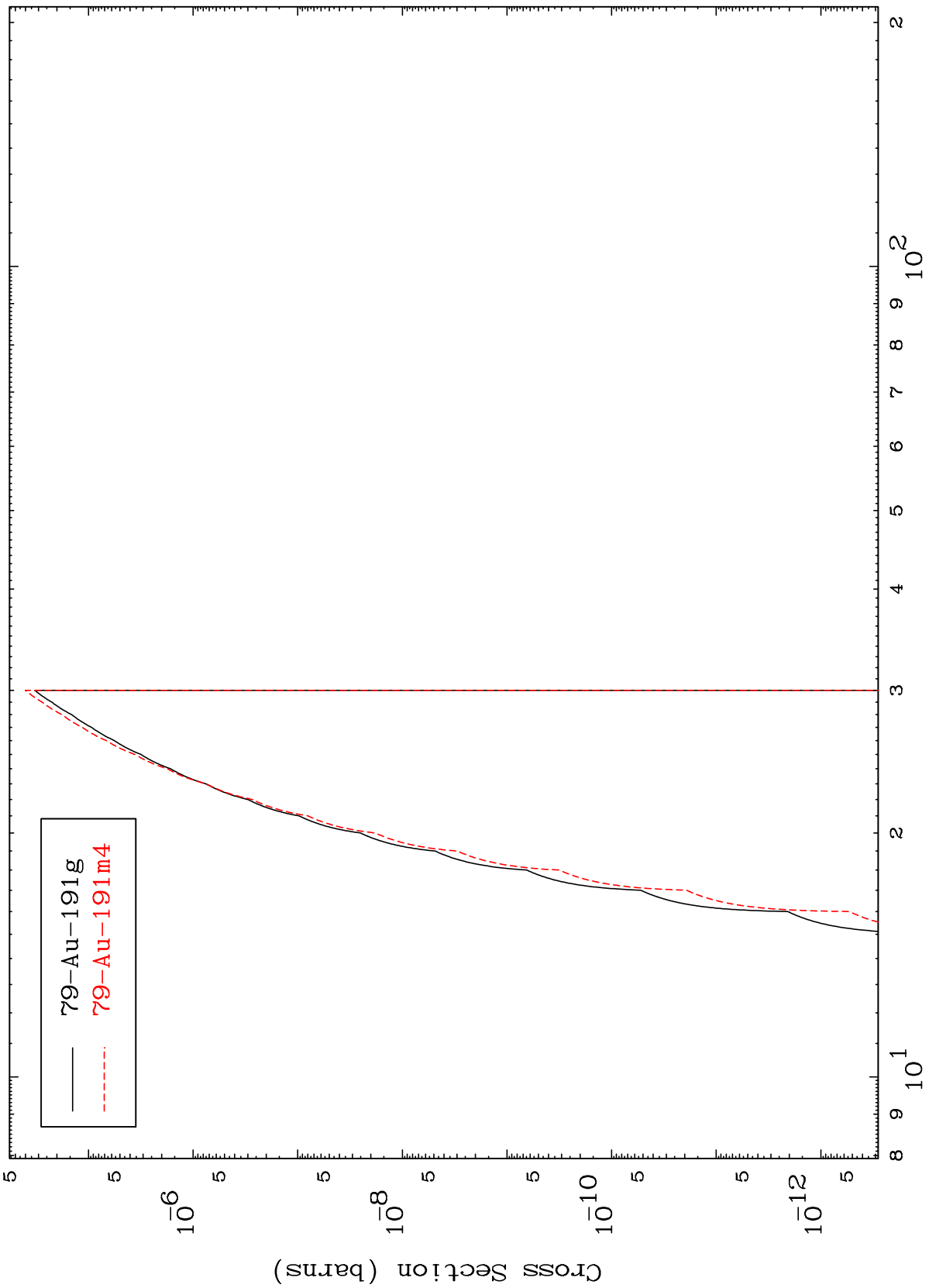


MAT 8095

(n,2n) p

81-Tl-193

Radionuclide Production Cross Section



79-Au-191g
79-Au-191m4

145

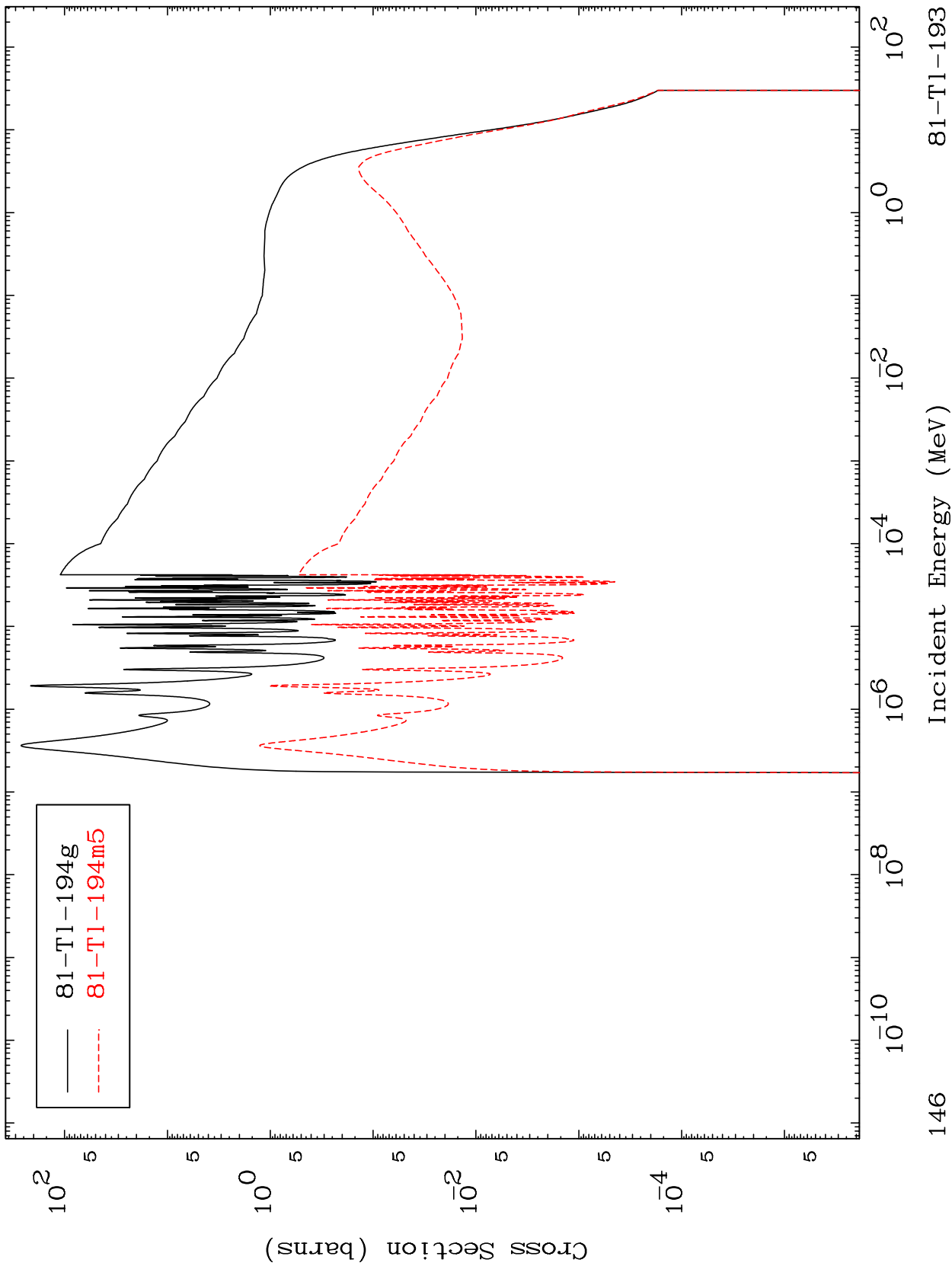
Incident Energy (MeV)

81-Tl-193

MAT 8095

81-Tl-193

(n,γ)
Radionuclide Production Cross Section

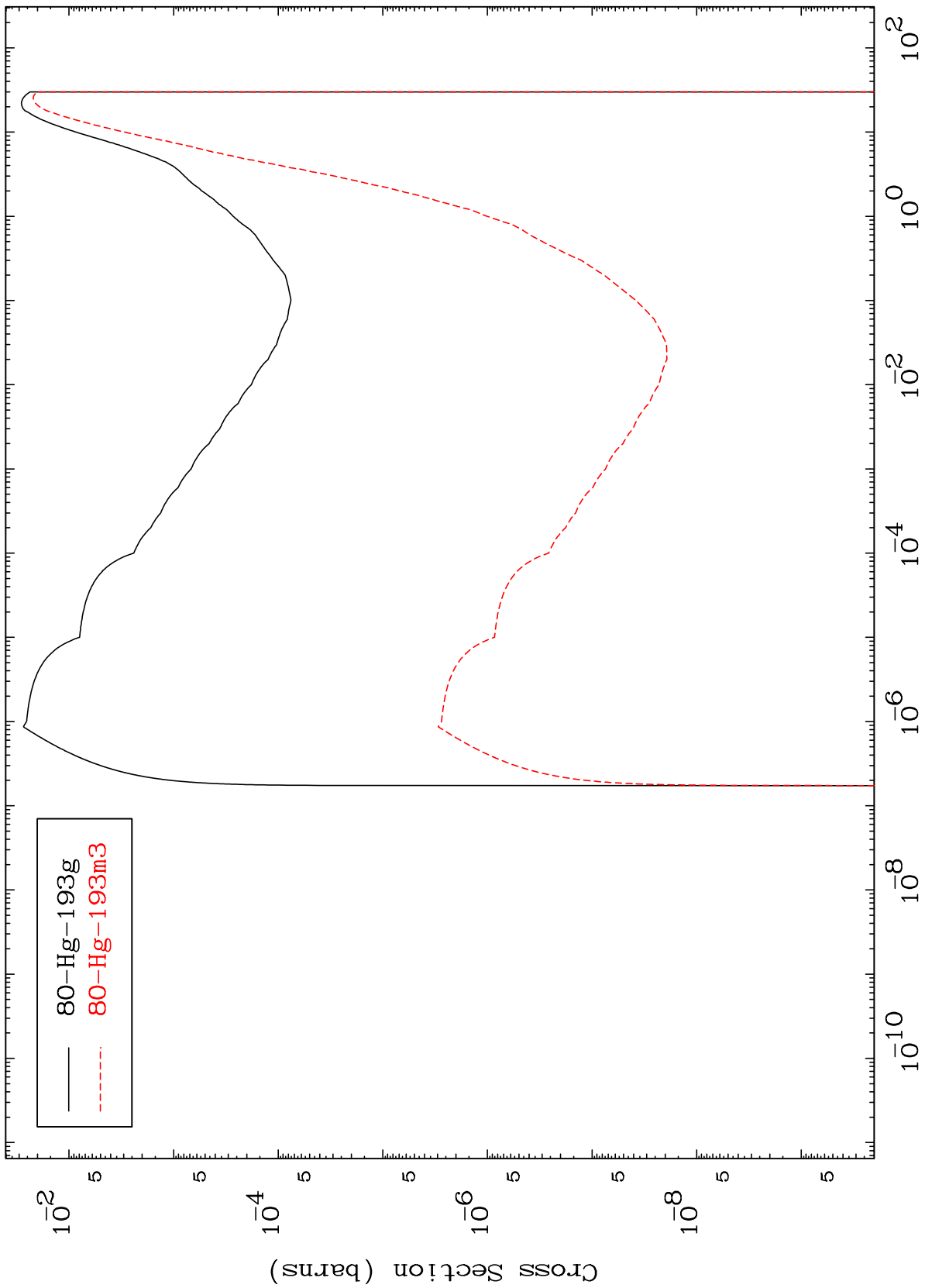


— 81-Tl-194g
- - - 81-Tl-194m5

MAT 8095

81-Tl-193

(n,p)
Radionuclide Production Cross Section



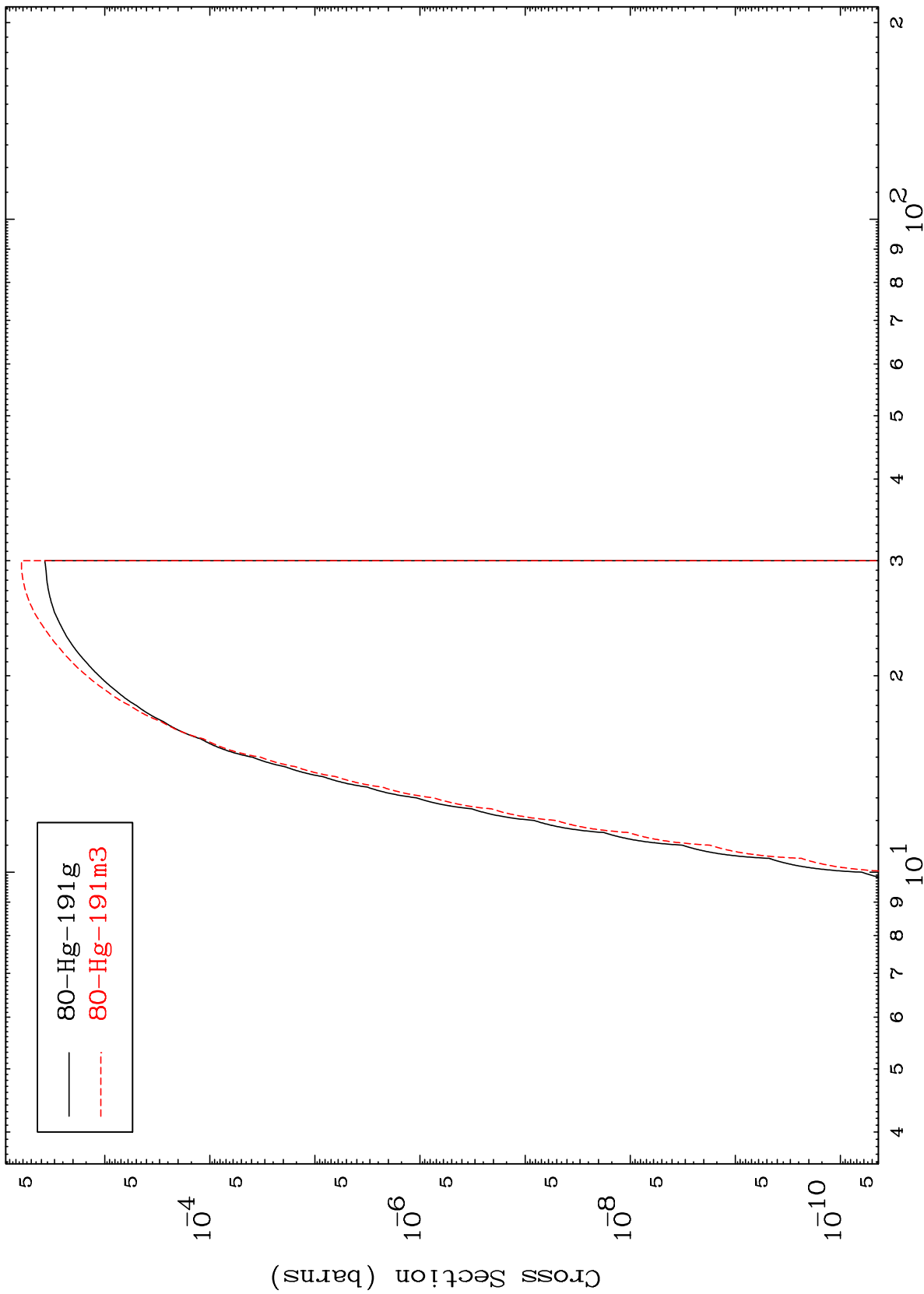
147

81-Tl-193

MAT 8095

81-T1-193

(n, t)
Radionuclide Production Cross Section



148

81-T1-193

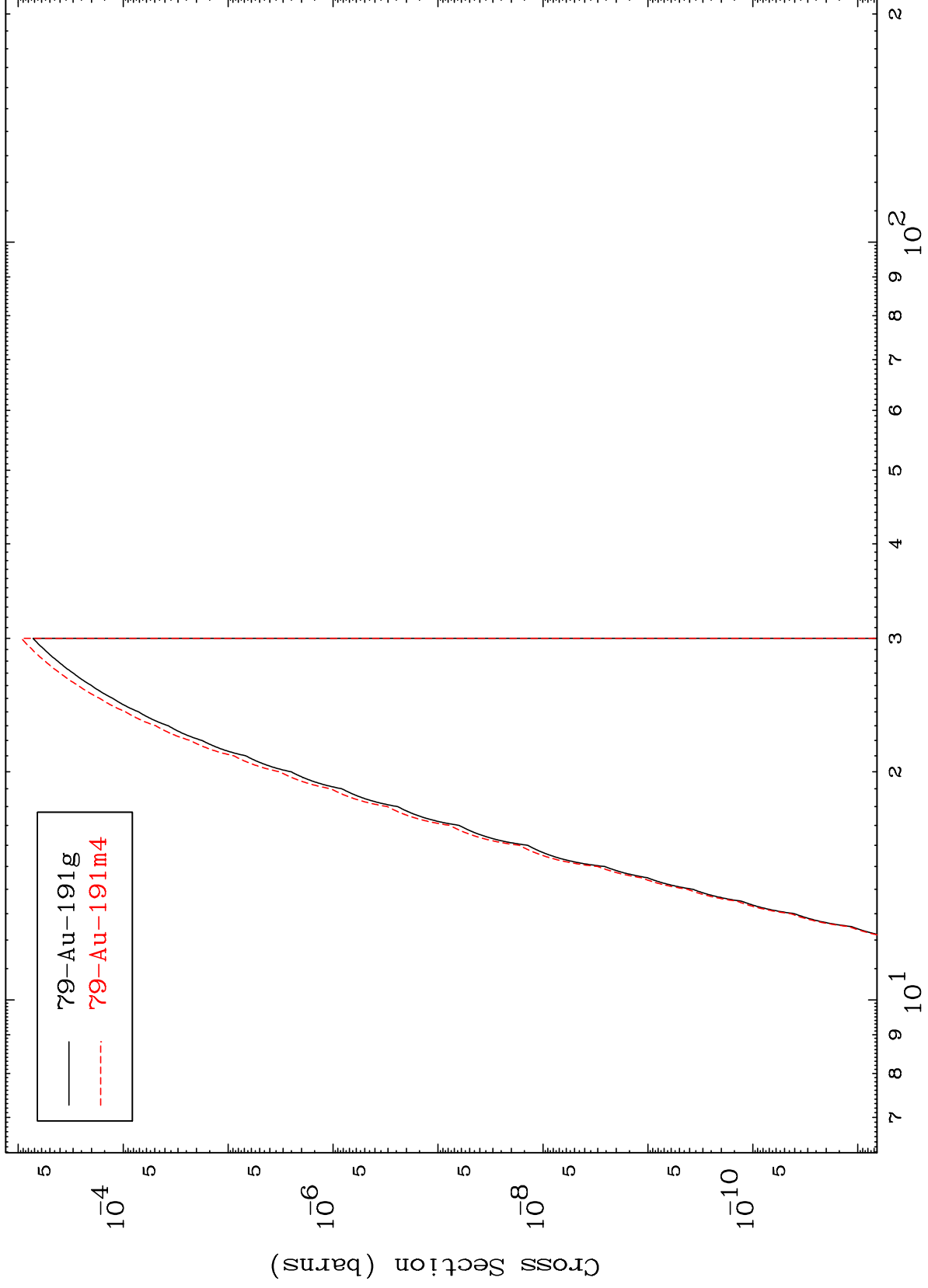
Incident Energy (MeV)

MAT 8095

(n,He-3)

81-Tl-193

Radionuclide Production Cross Section



149

Incident Energy (MeV)

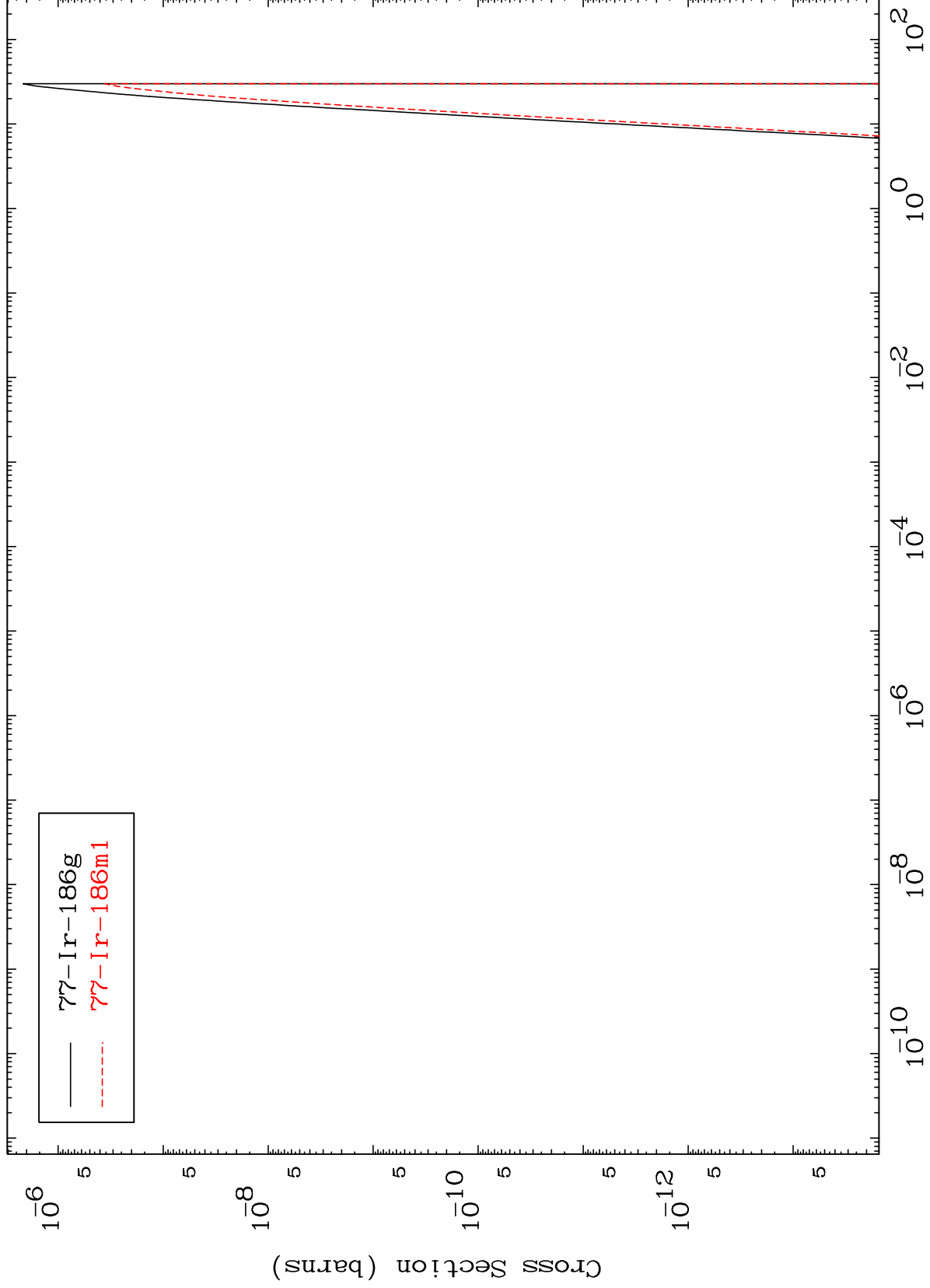
81-Tl-193

MAT 8095

(n,2α)

81-Tl-193

Radionuclide Production Cross Section



— $^{77}\text{Ir-186g}$
- - - $^{77}\text{Ir-186m1}$

150

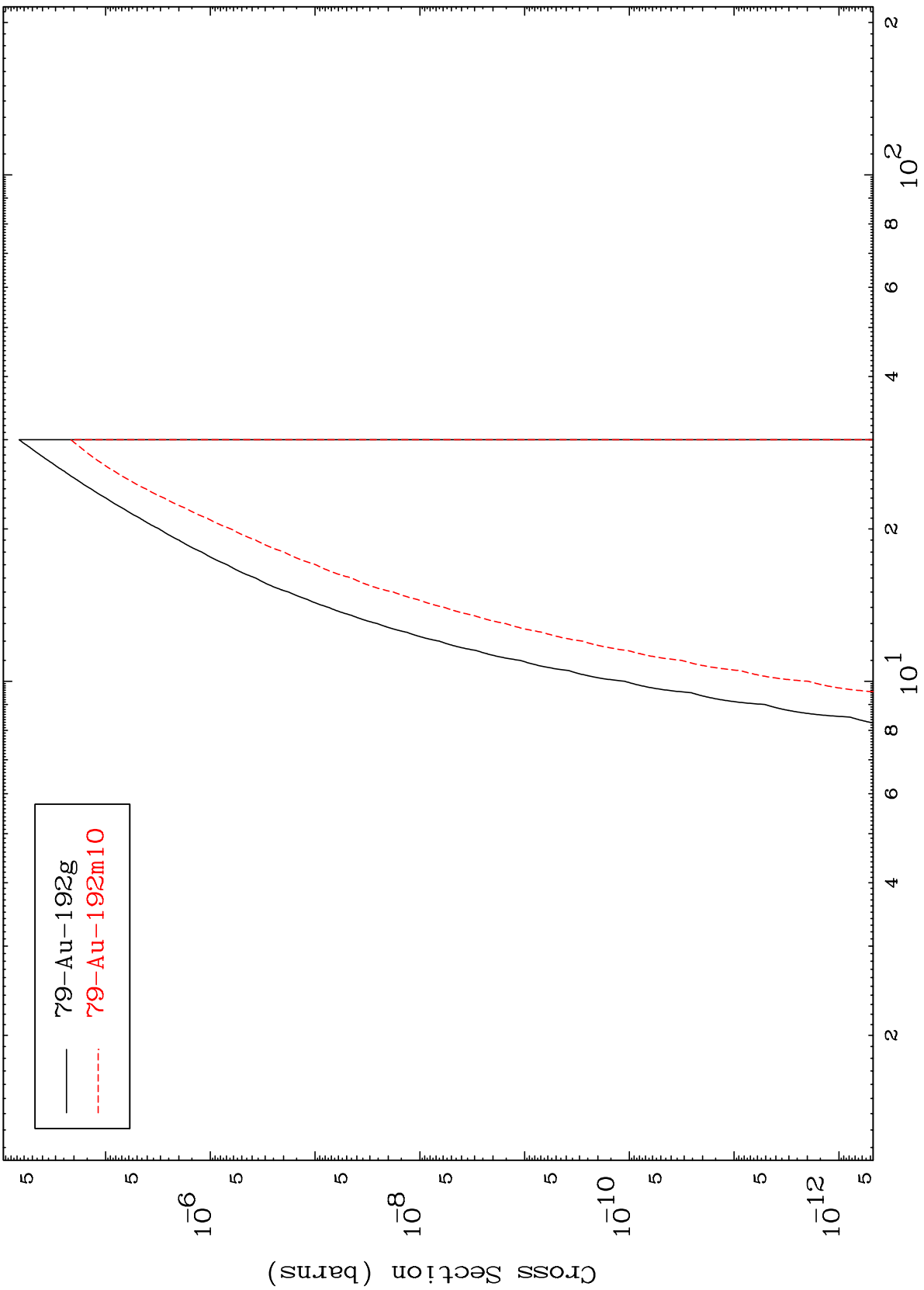
Incident Energy (MeV)

81-Tl-193

MAT 8095

81-Tl-193

(n,2p)
Radionuclide Production Cross Section



— 79-Au-192g
- - - 79-Au-192m10

151

81-Tl-193

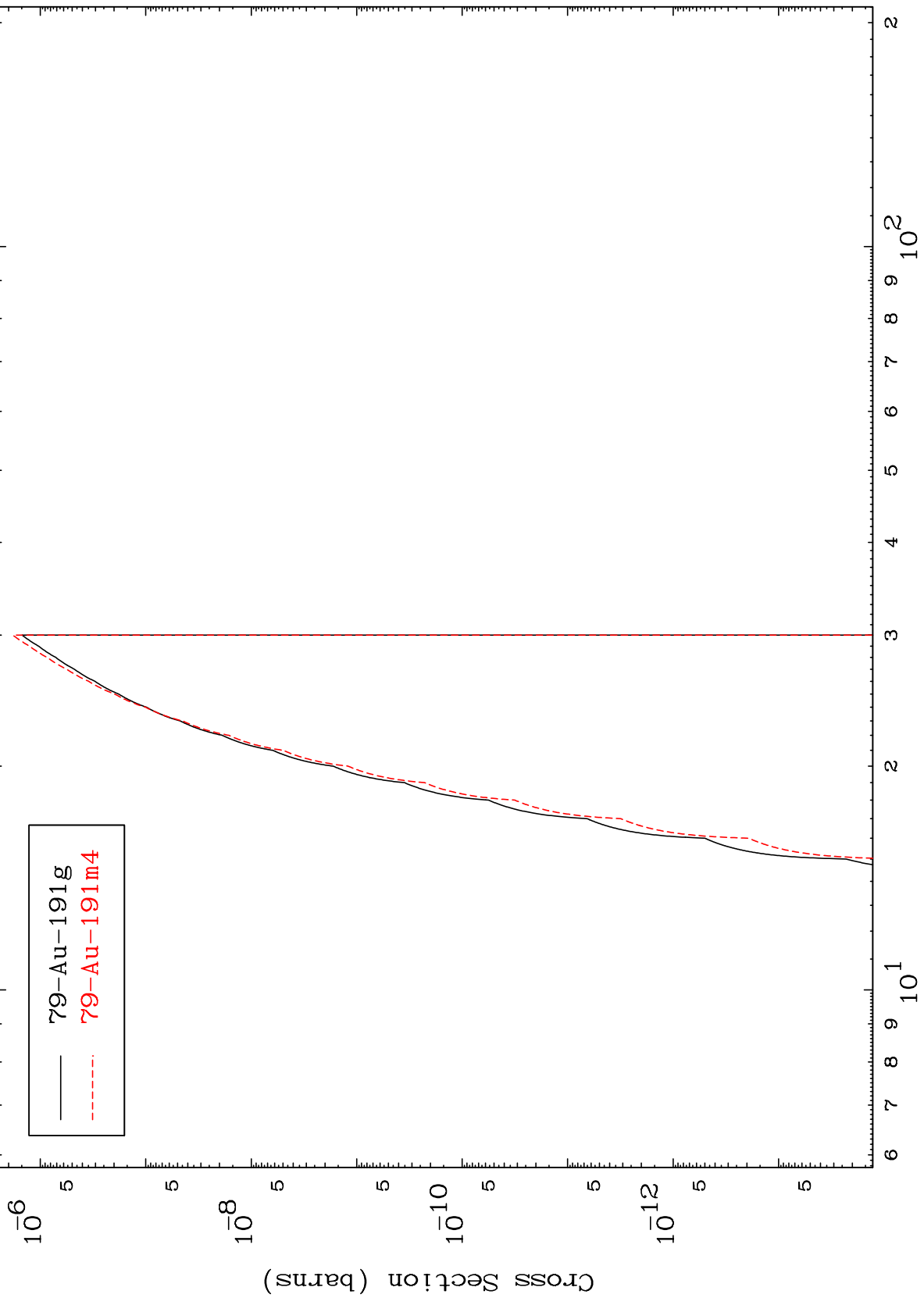
Incident Energy (MeV)

MAT 8095

(n,p) d

81-Tl-193

Radionuclide Production Cross Section



79-Au-191 g
79-Au-191 m4

152

Incident Energy (MeV)

81-Tl-193