

Program EVALPLOT  
(Version 2021-1)

by

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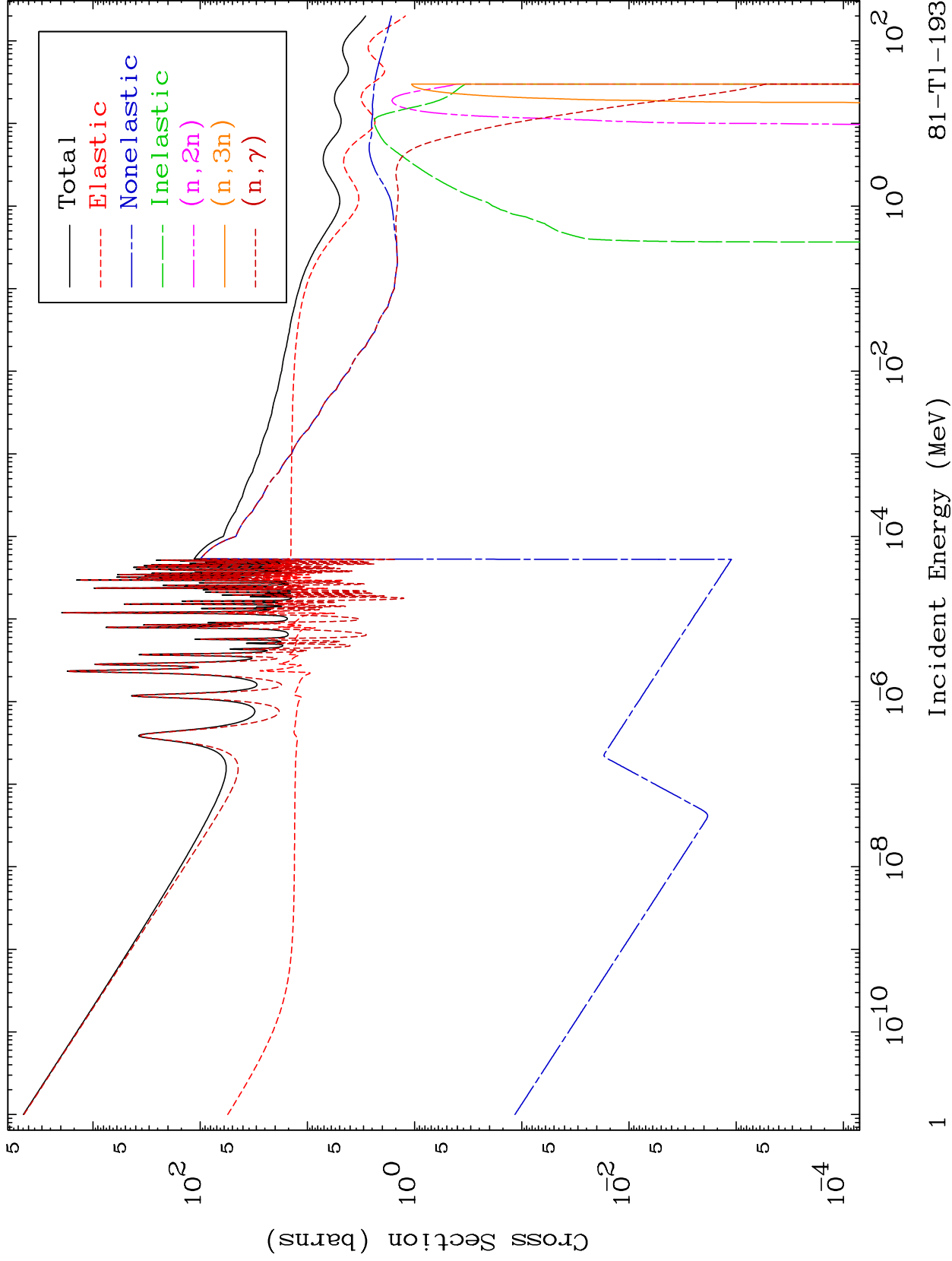
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8095

Neutron Major  
293 Kelvin Cross Sections

81-Tl-193



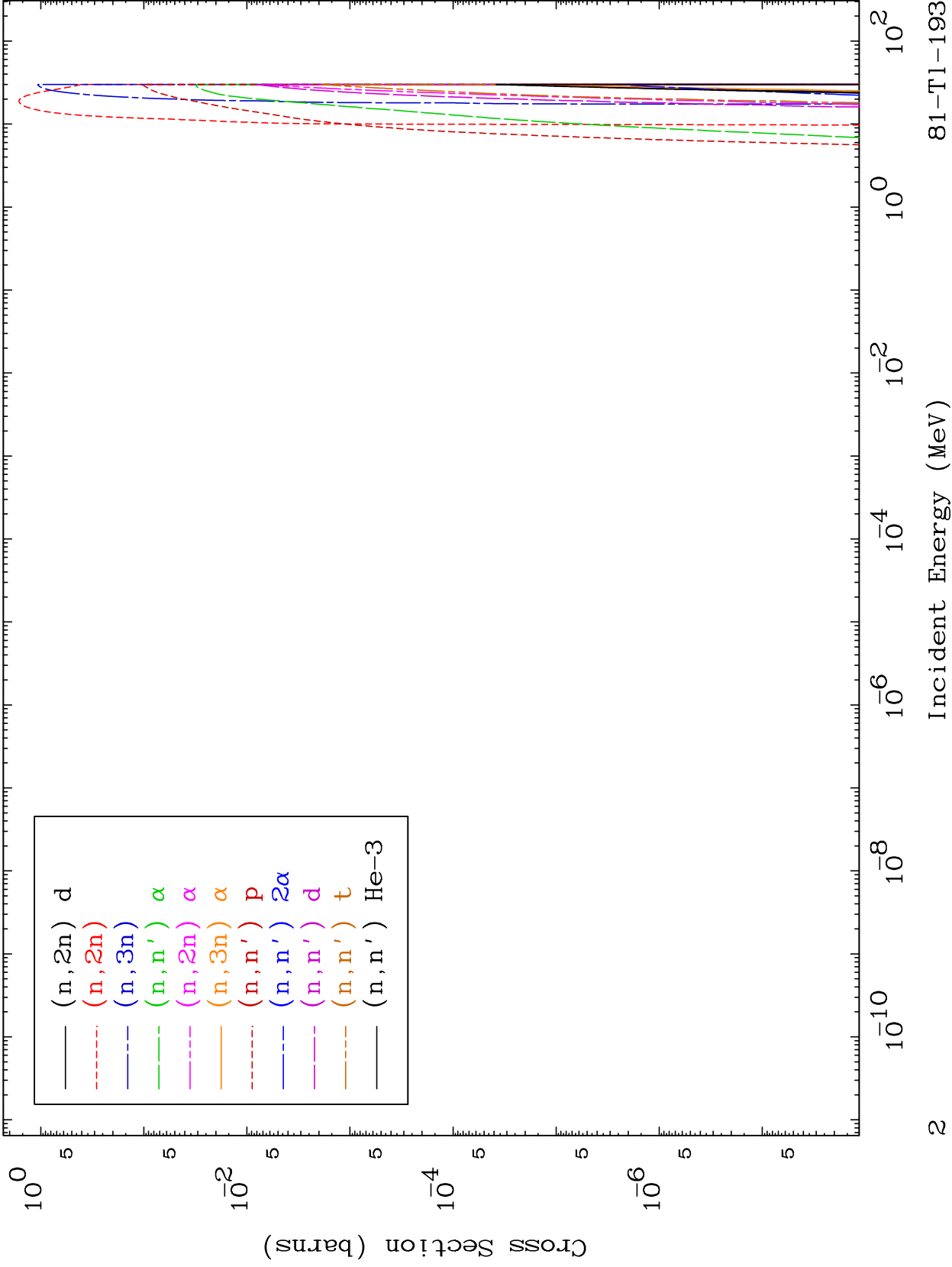
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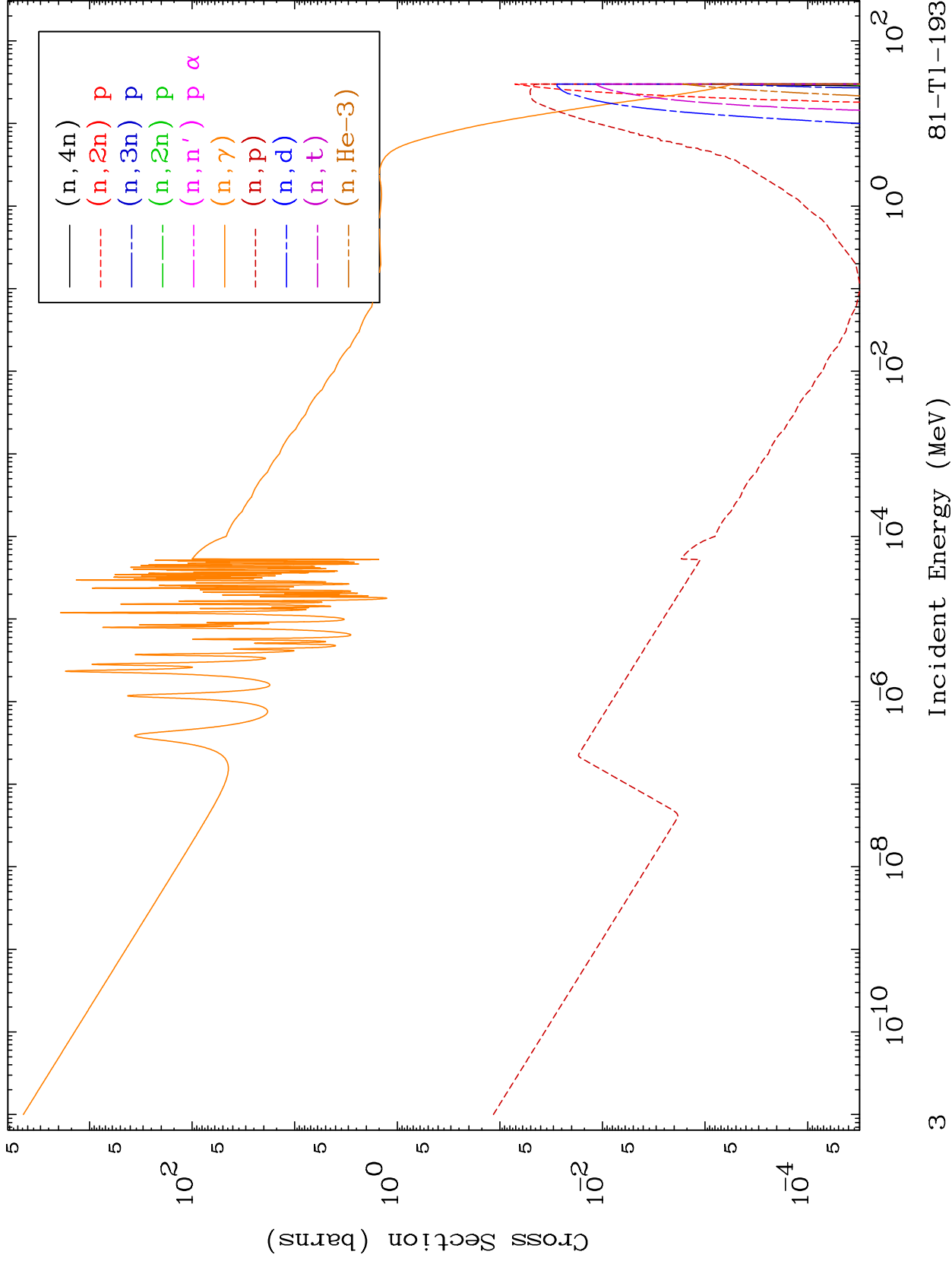
81-Tl-193

MAT 8095

Neutron Absorption  
293 Kelvin Cross Sections

81-Tl-193

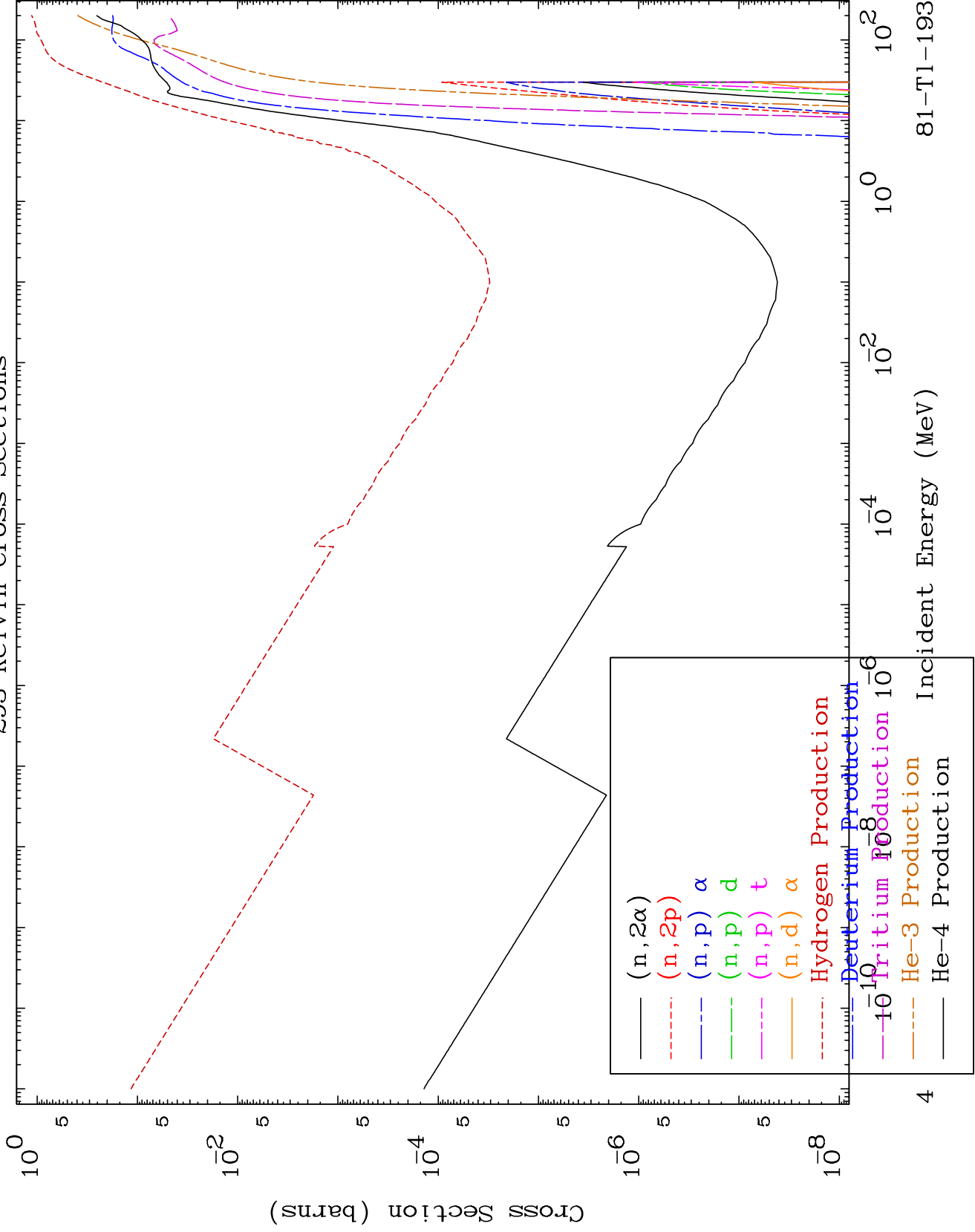




MAT 8095

Neutron Absorption  
293 Kelvin Cross Sections

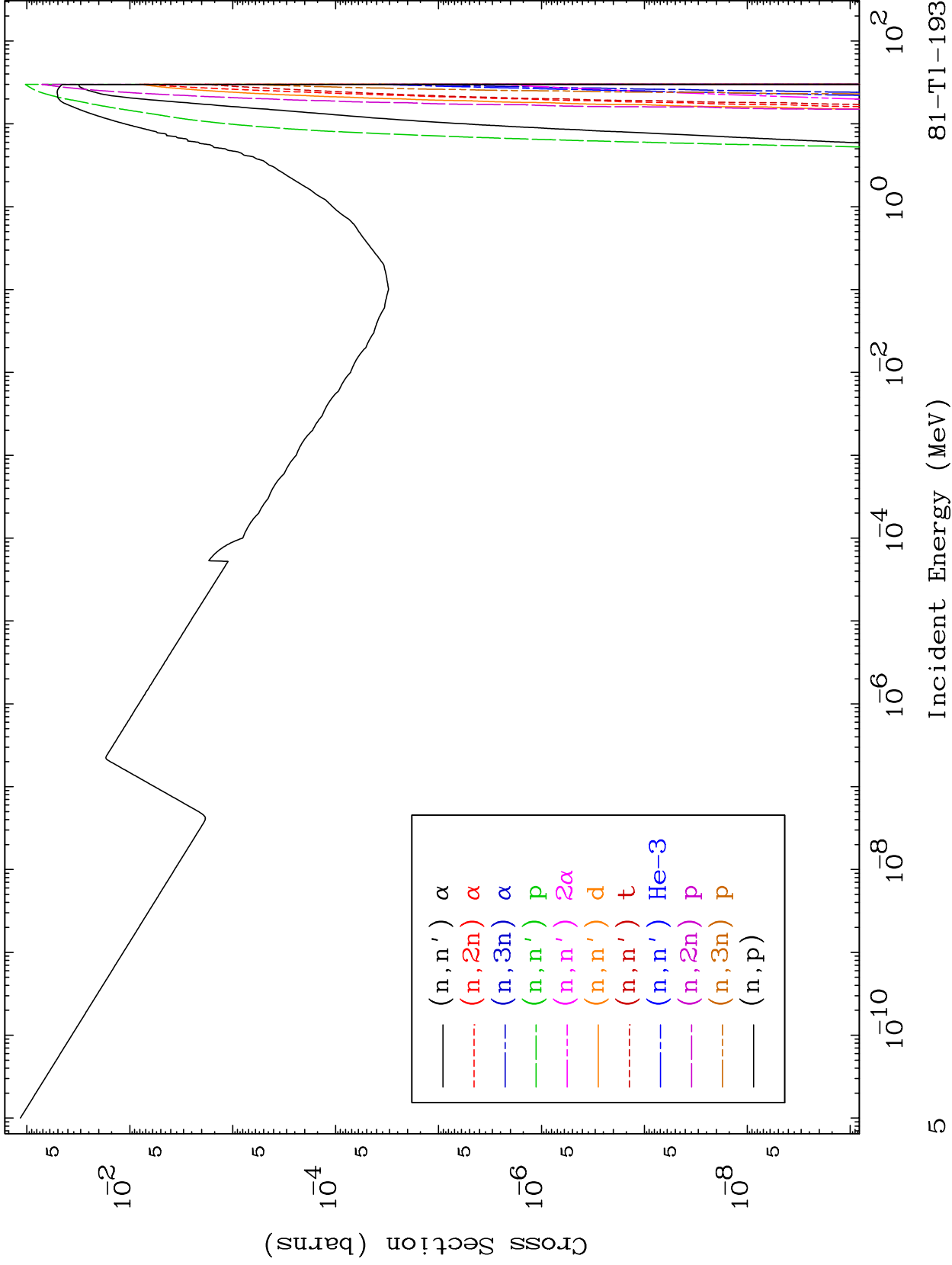
81-Tl-193



MAT 8095

Charged Particle  
293 Kelvin Cross Sections

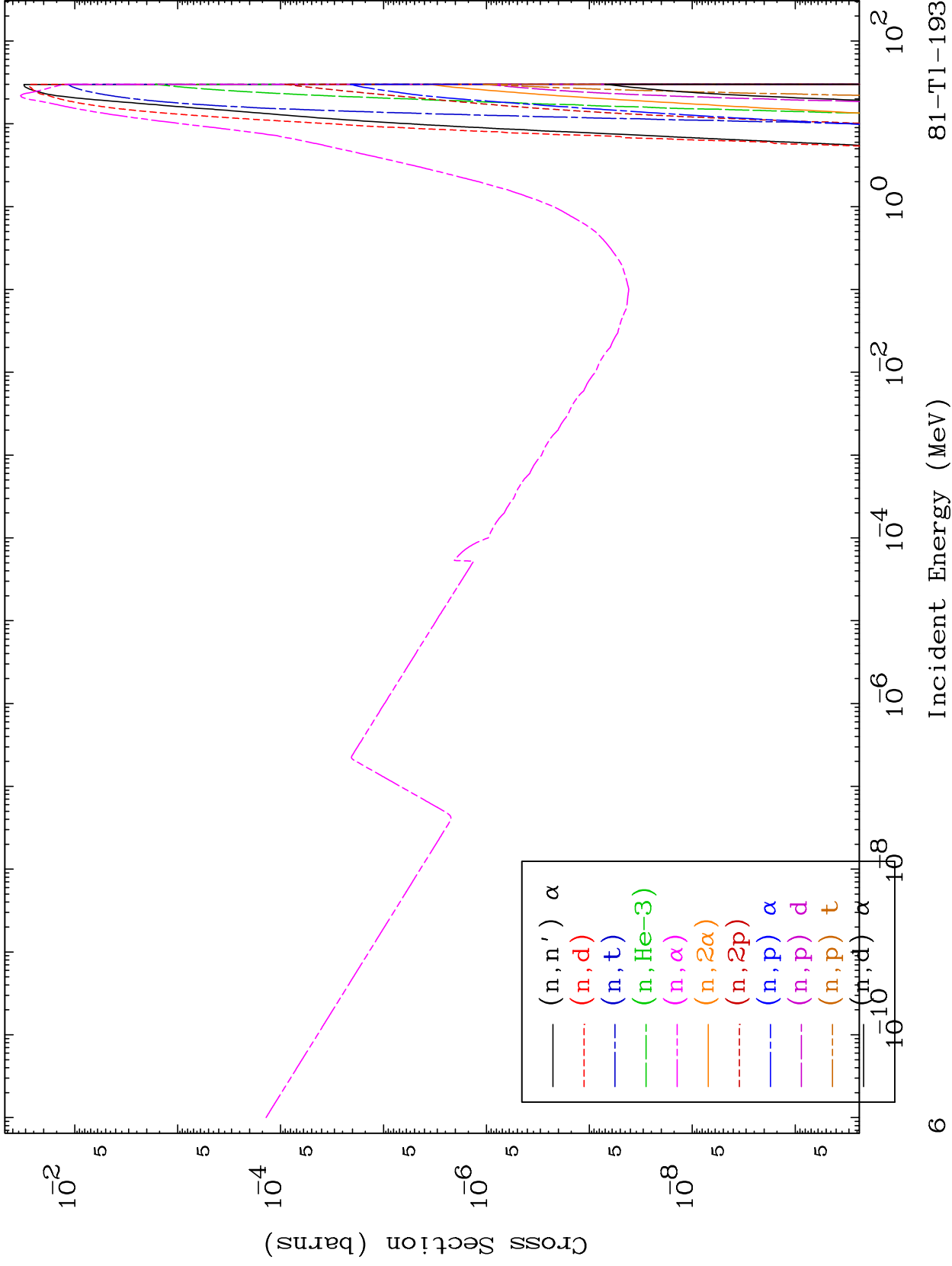
81-Tl-193



MAT 8095

Charged Particle  
293 Kelvin Cross Sections

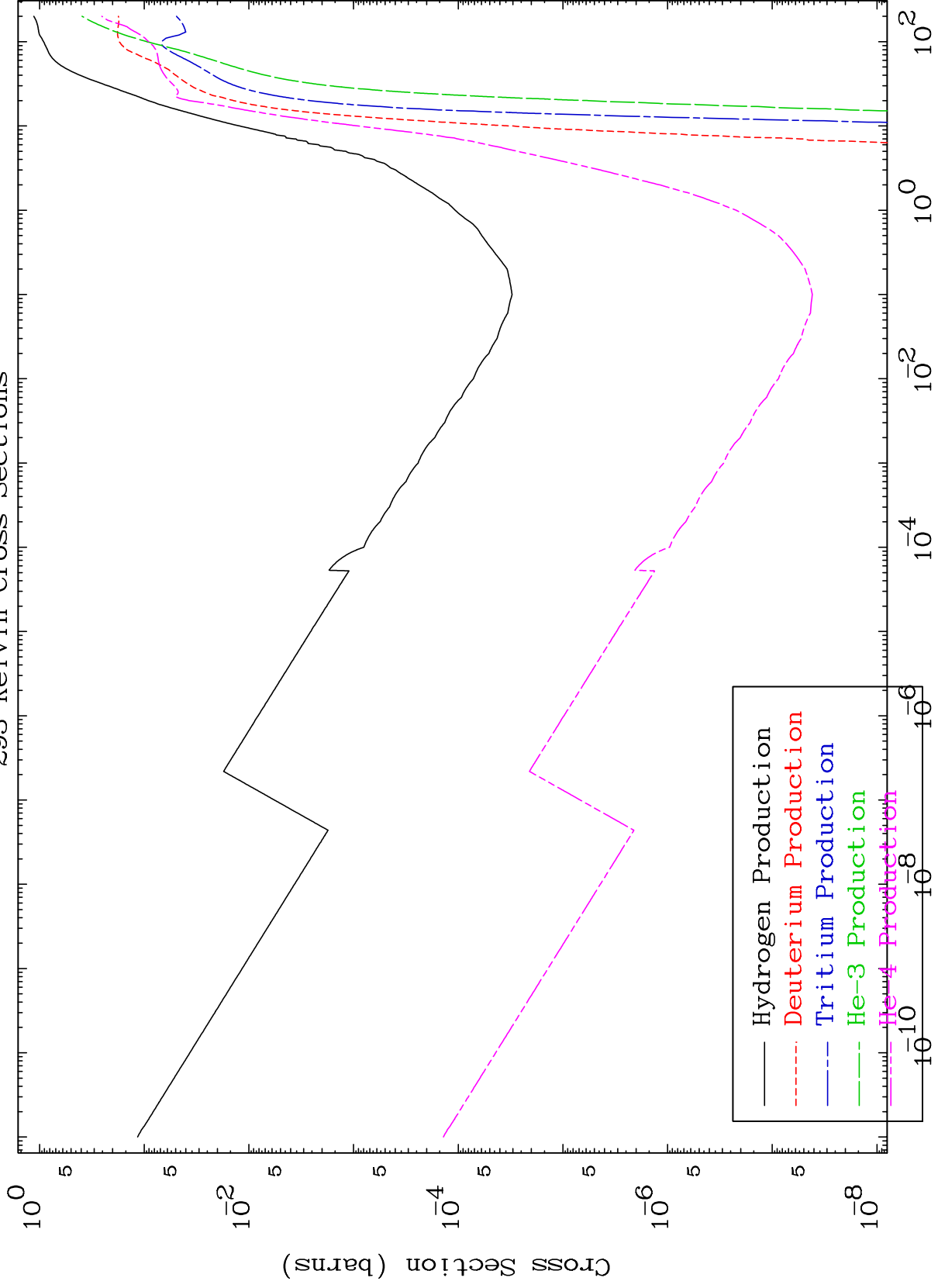
81-Tl-193



MAT 8095

Particle Production  
293 Kelvin Cross Sections

81-Tl-193



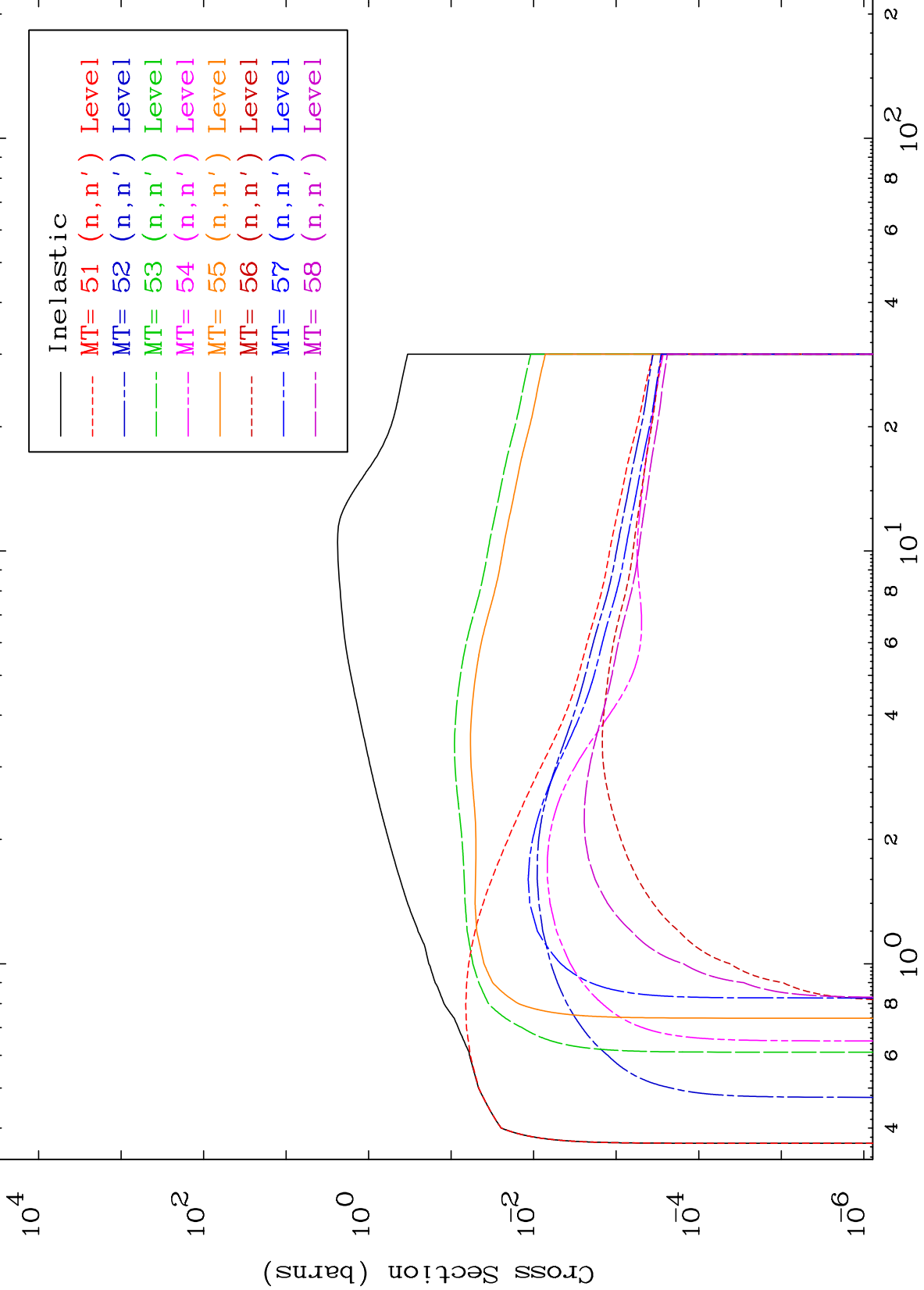


MAT 8095

(n,n') Levels

81-Tl-193

293 Kelvin Cross Sections



8

Incident Energy (MeV)

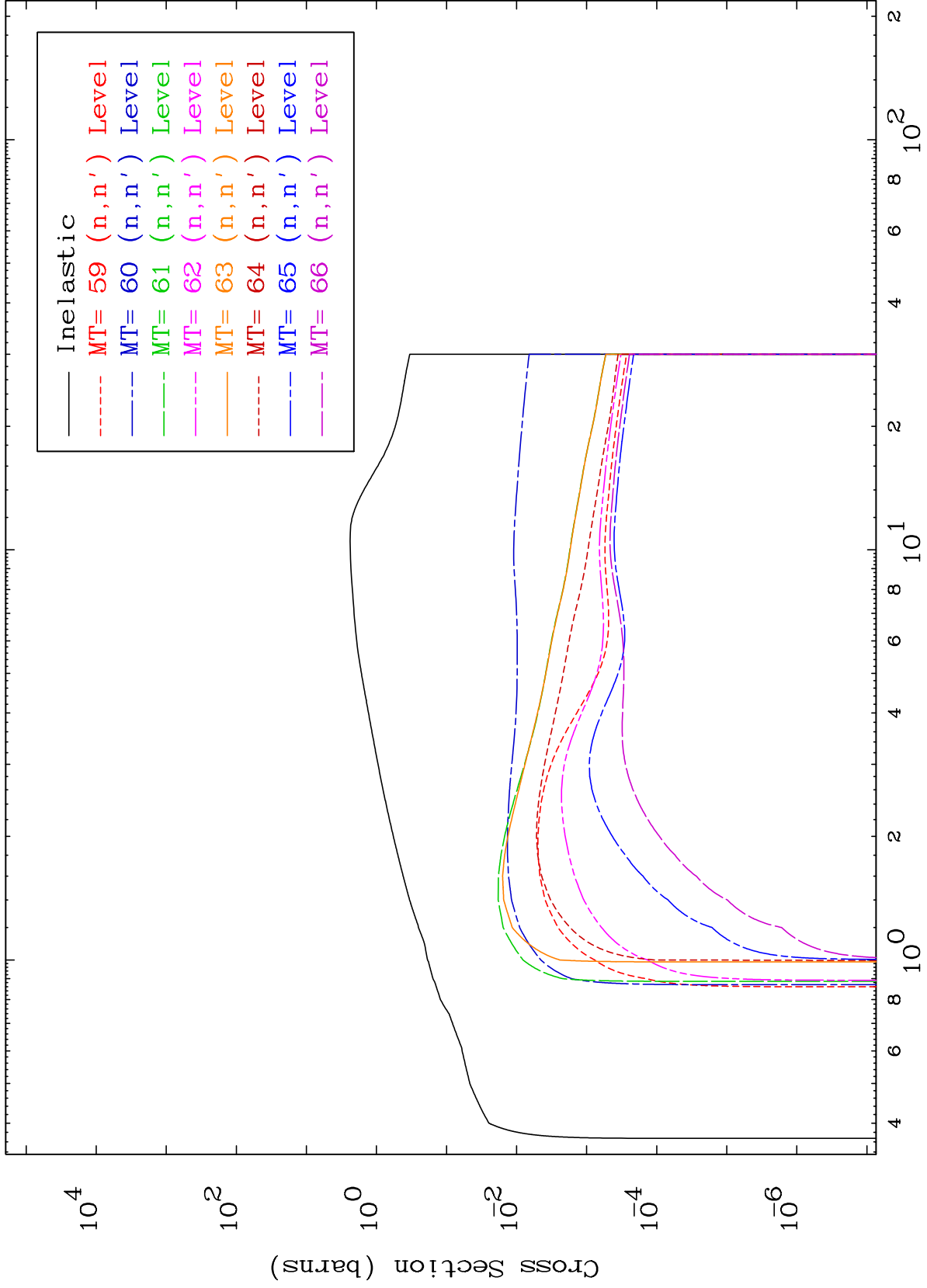
81-Tl-193

MAT 8095

(n,n') Levels

81-Tl-193

293 Kelvin Cross Sections



9

Incident Energy (MeV)

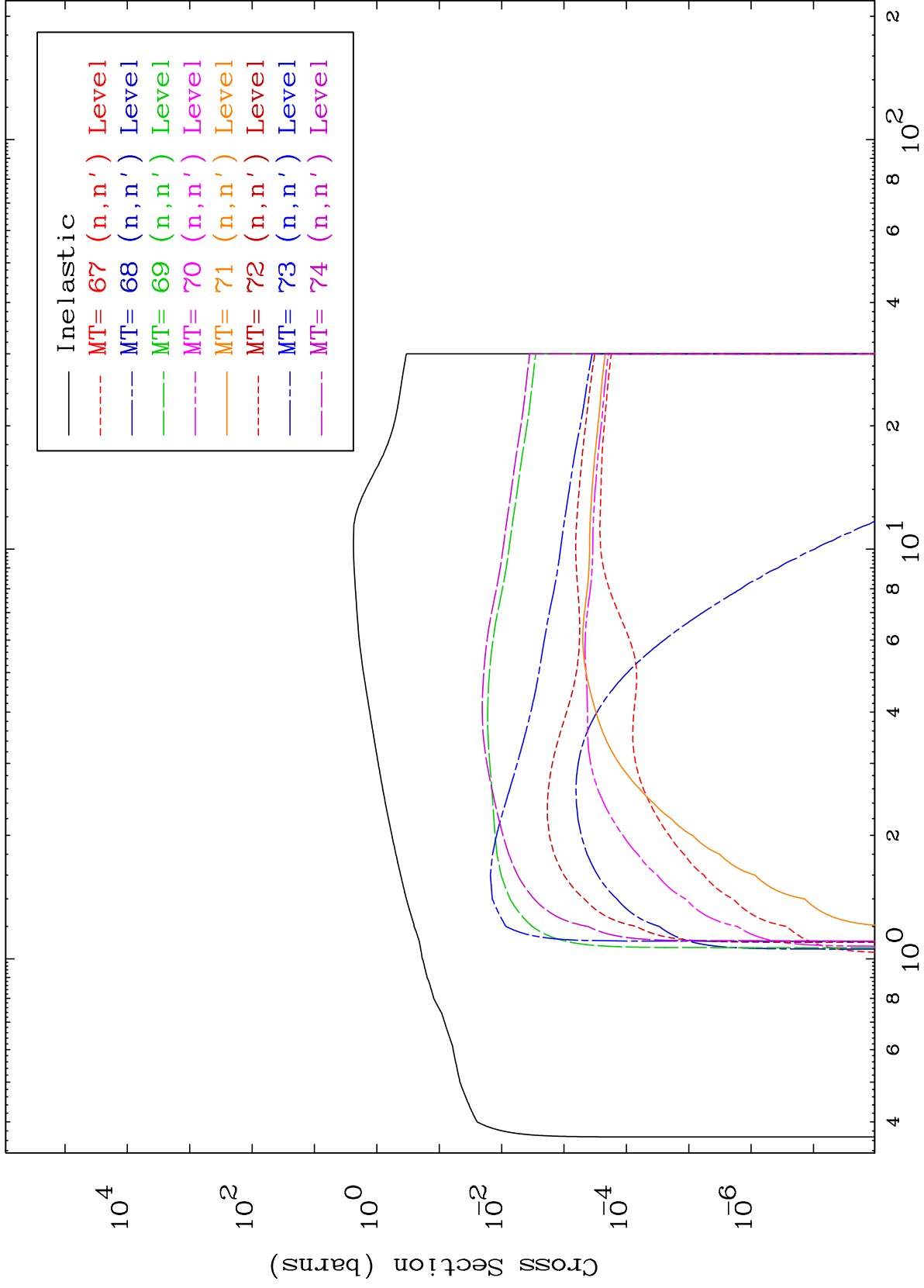
81-Tl-193

MAT 8095

(n,n') Levels

293 Kelvin Cross Sections

81-Tl-193



10

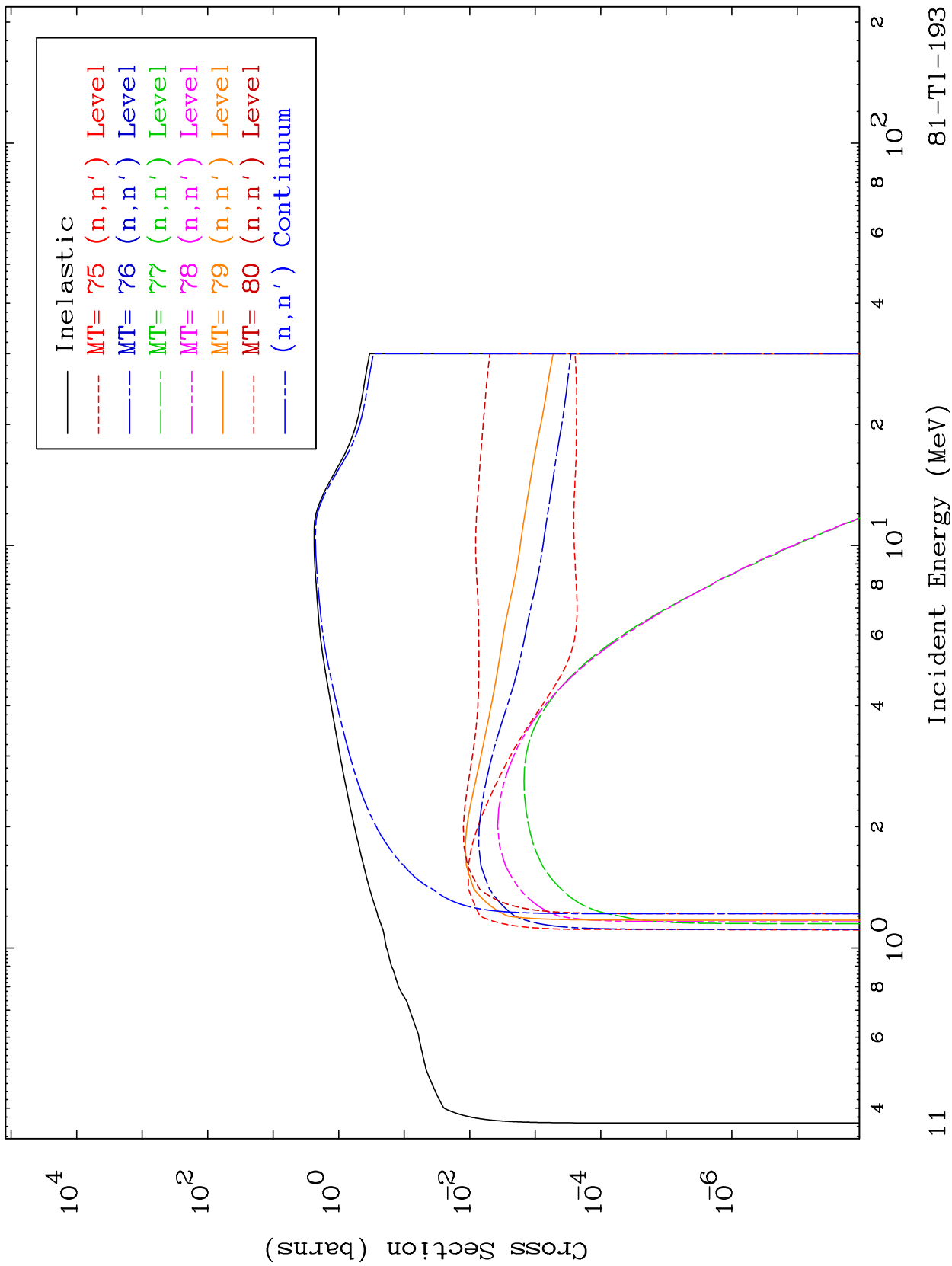
Incident Energy (MeV)

81-Tl-193

MAT 8095

(n,n') Levels  
293 Kelvin Cross Sections

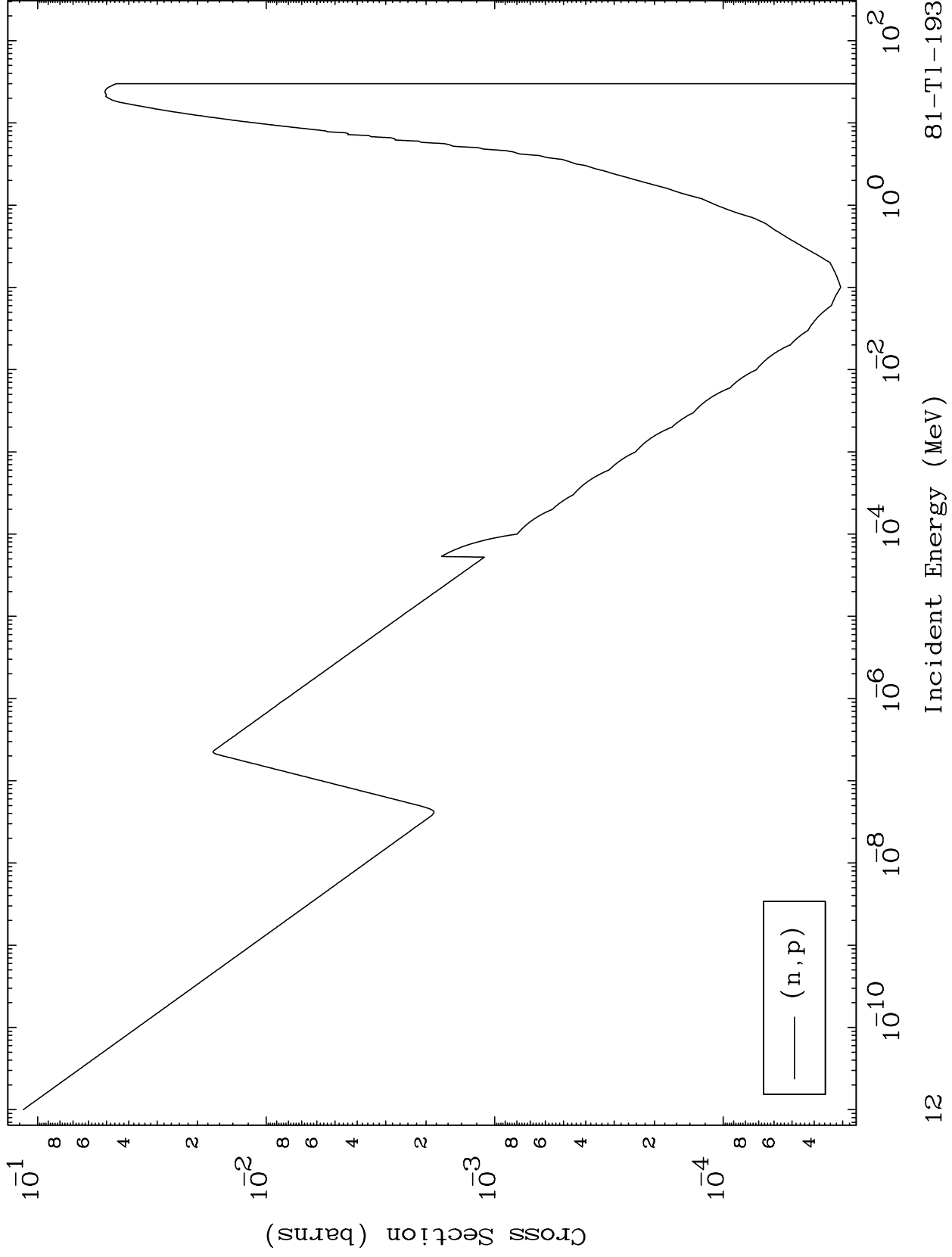
81-Tl-193



MAT 8095

(n,p) Levels  
293 Kelvin Cross Sections

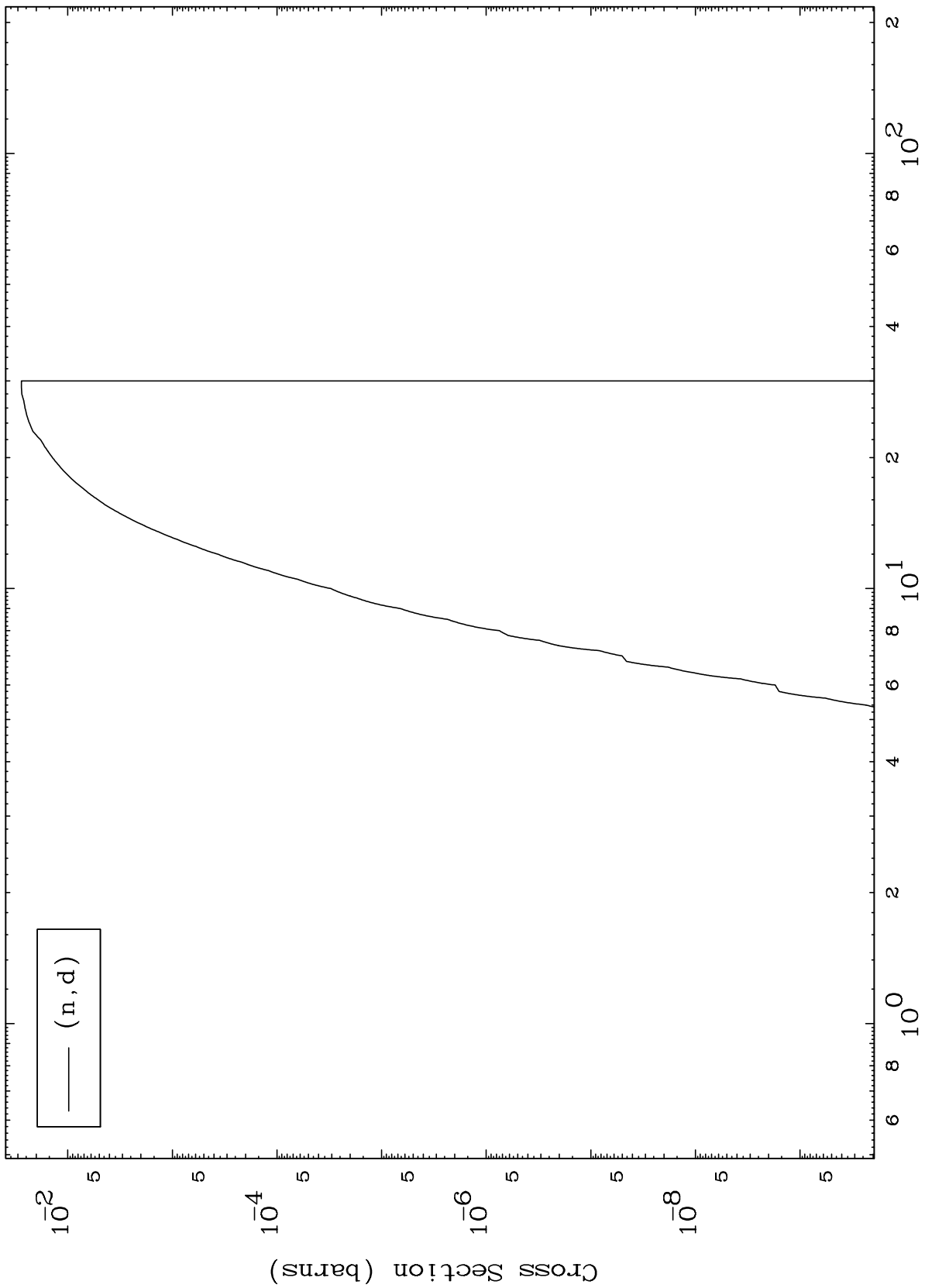
81-Tl-193



MAT 8095

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-193



13

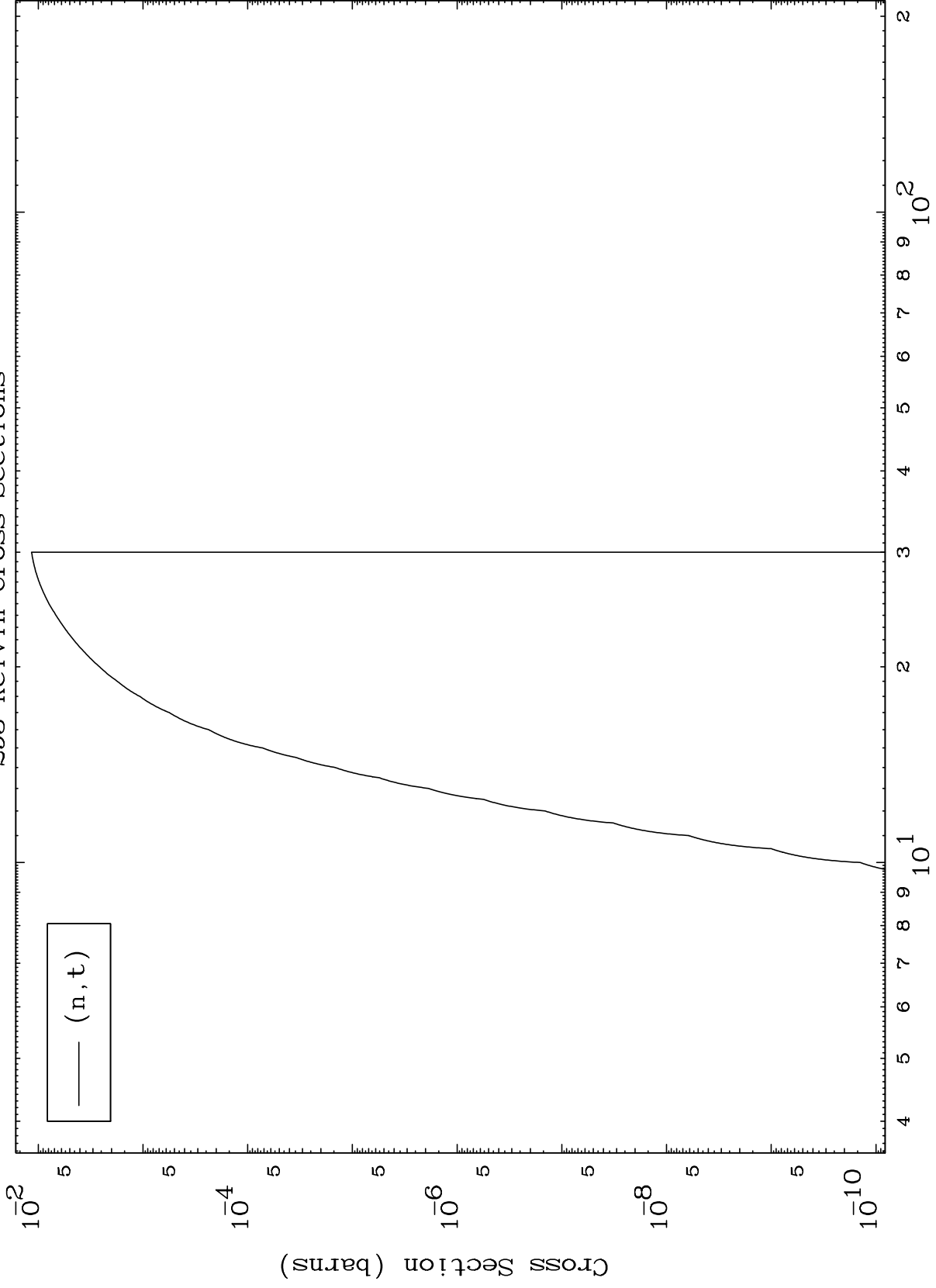
Incident Energy (MeV)

81-Tl-193

MAT 8095

(n,t) Levels  
293 Kelvin Cross Sections

81-Tl-193



14

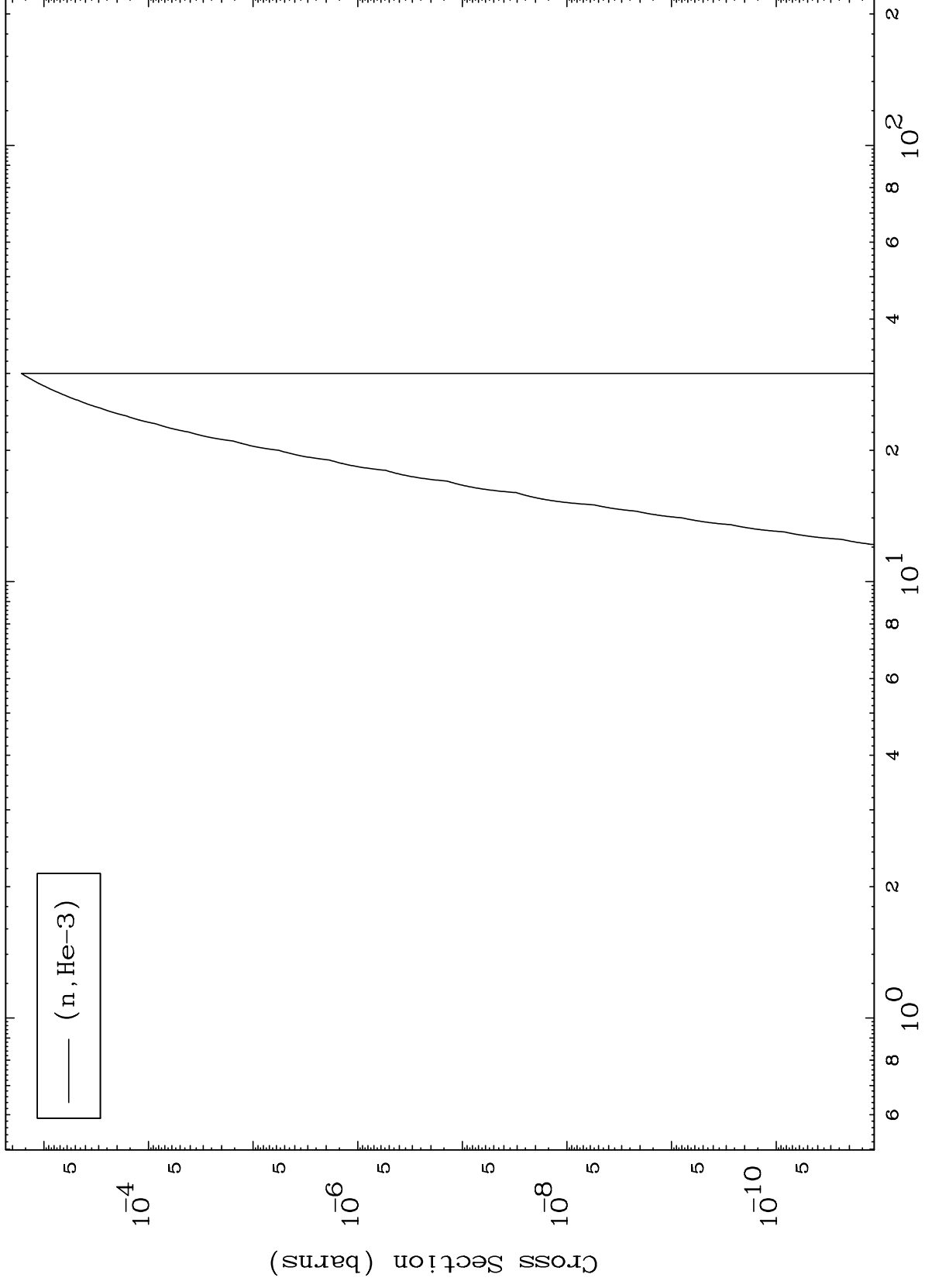
Incident Energy (MeV)

81-Tl-193

MAT 8095

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-193



15

Incident Energy (MeV)

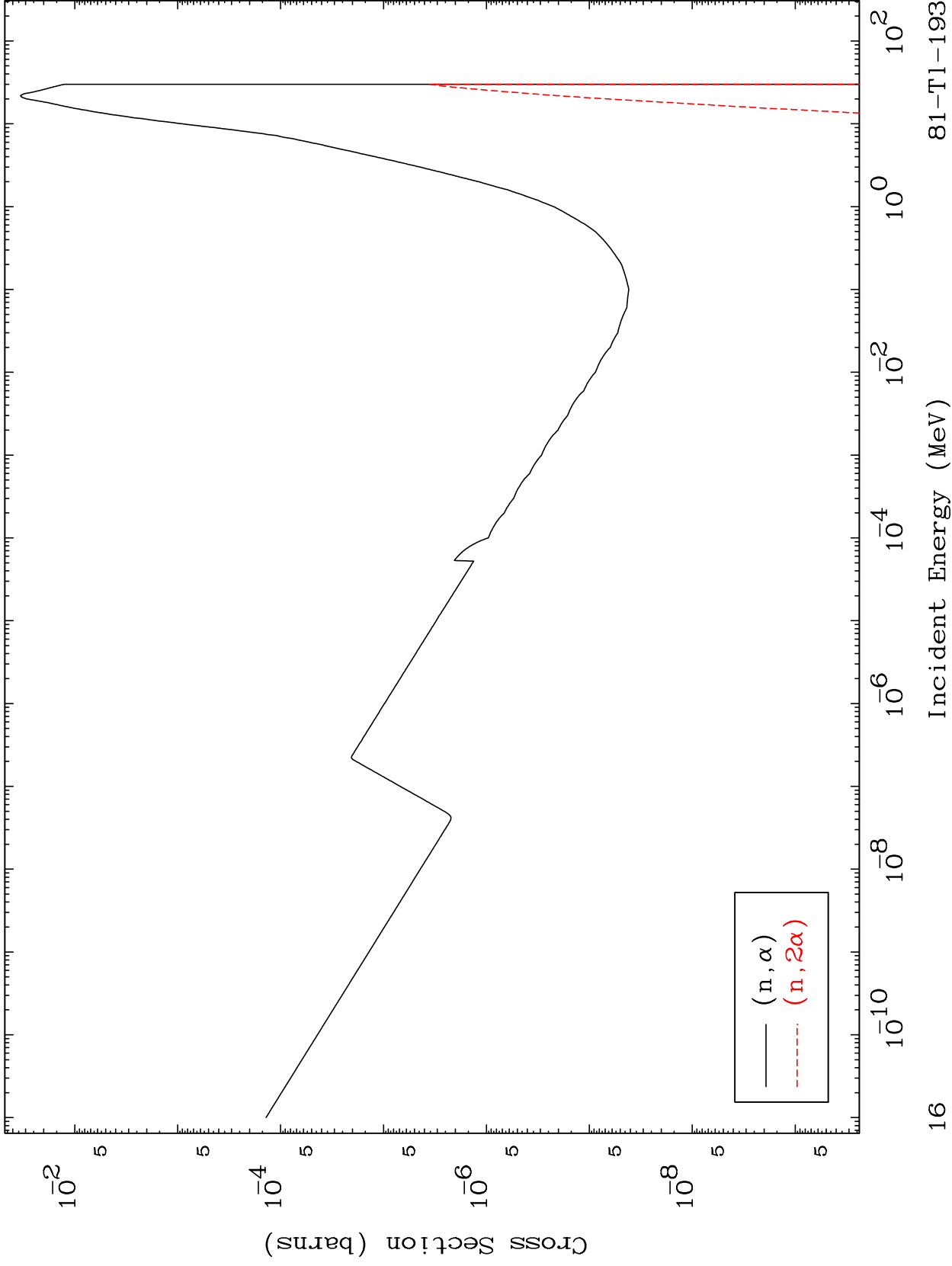
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MAT 8095

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

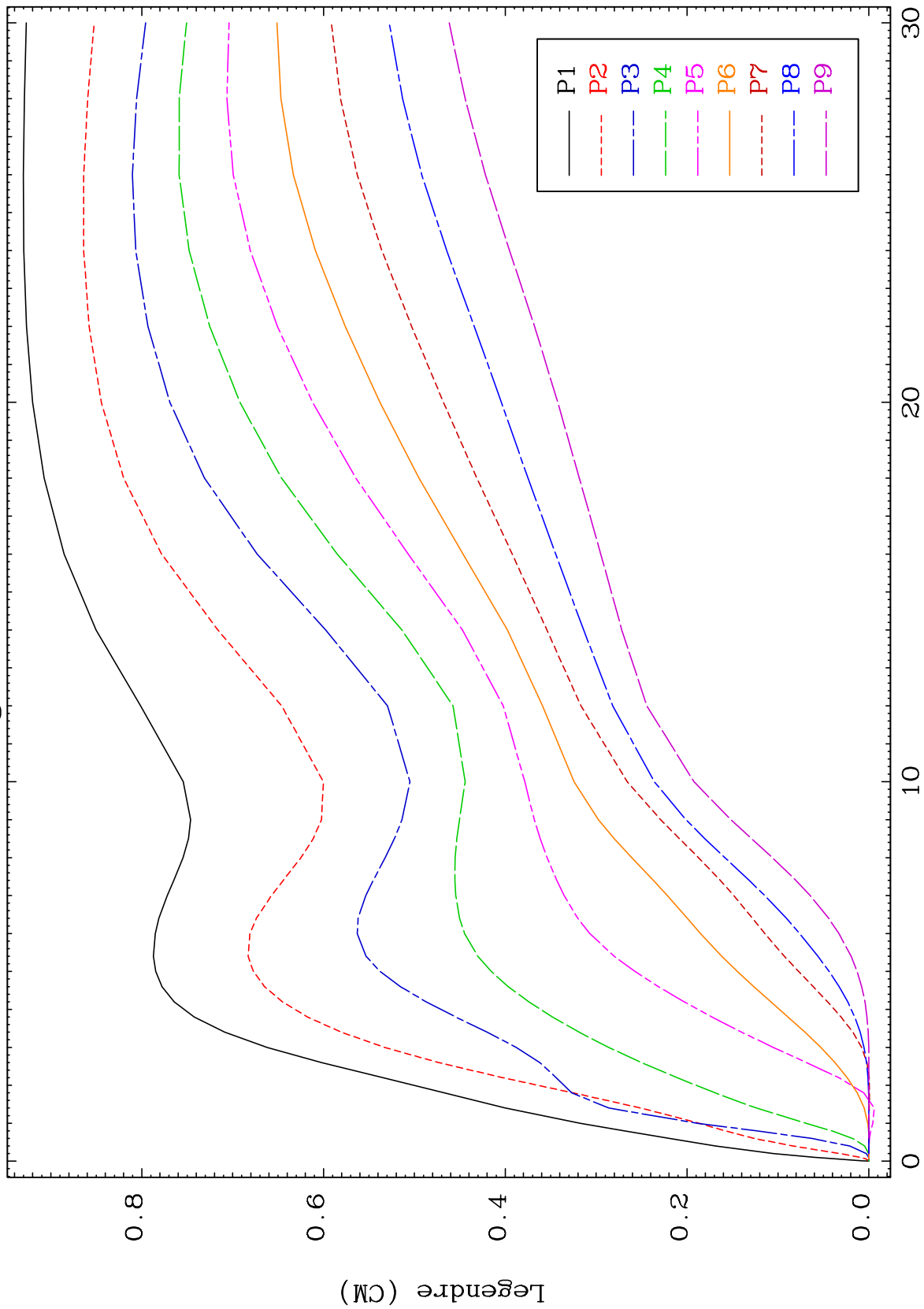
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MAT 8095

Elastic Legendre Coefficients

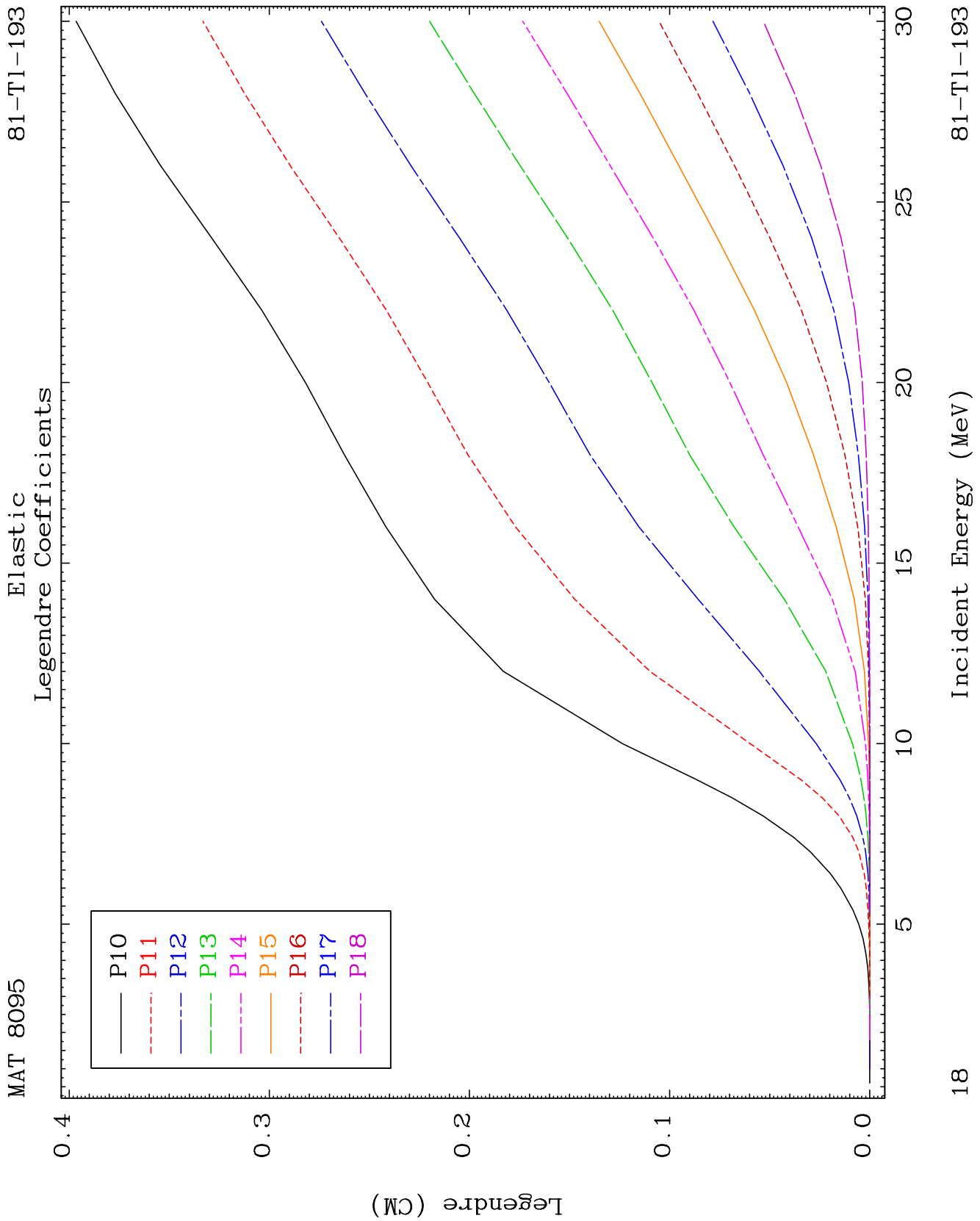
81-T1-193



17

Incident Energy (MeV)

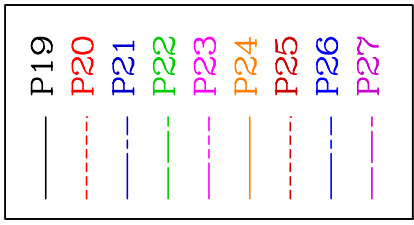
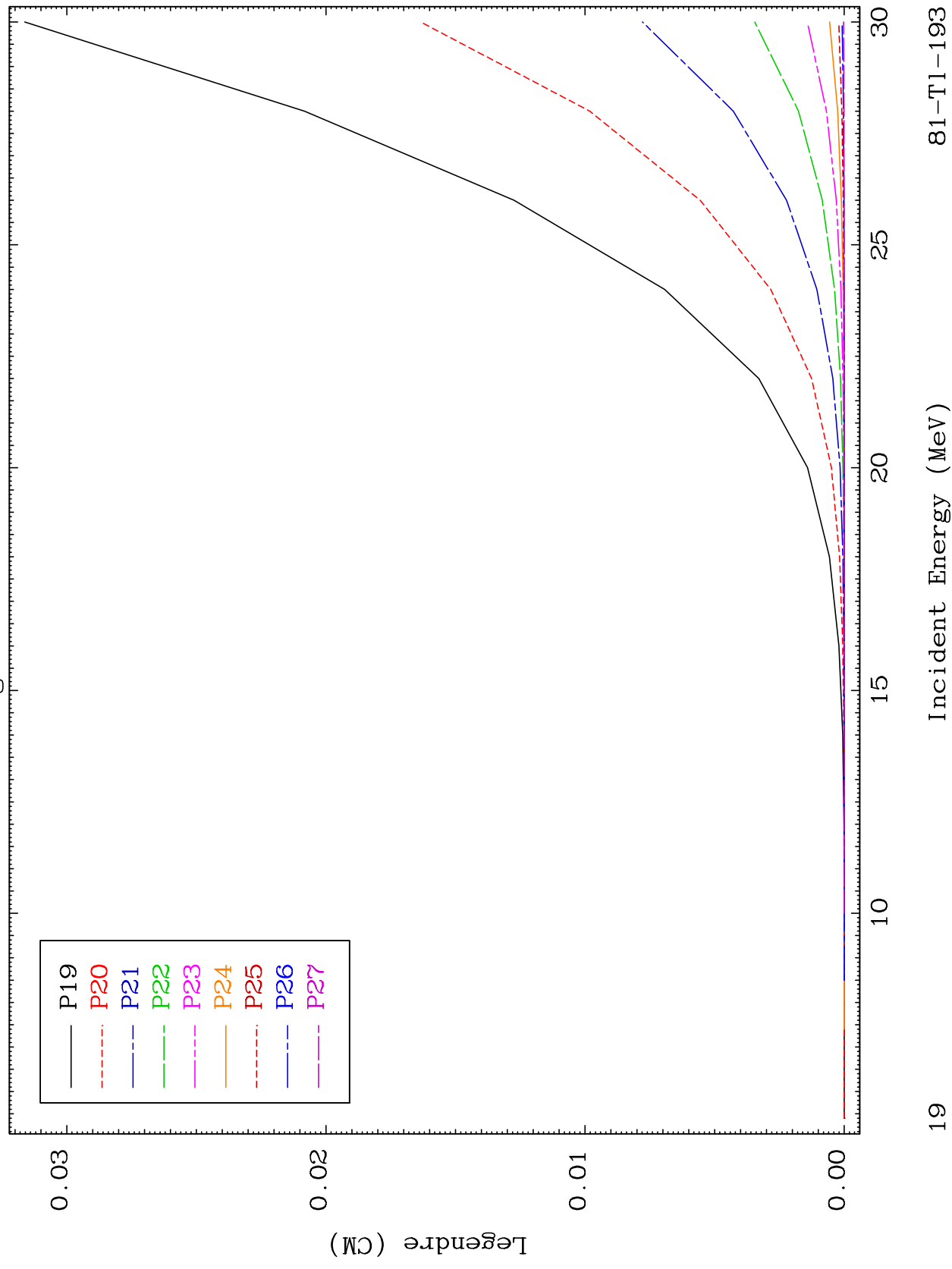
81-T1-193



MAT 8095

### Elastic Legendre Coefficients

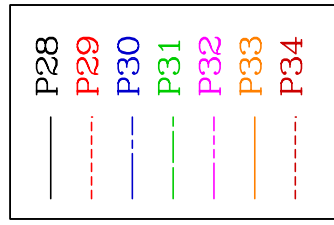
81-Tl-193



MAT 8095

Elastic  
Legendre Coefficients

81-T1-193

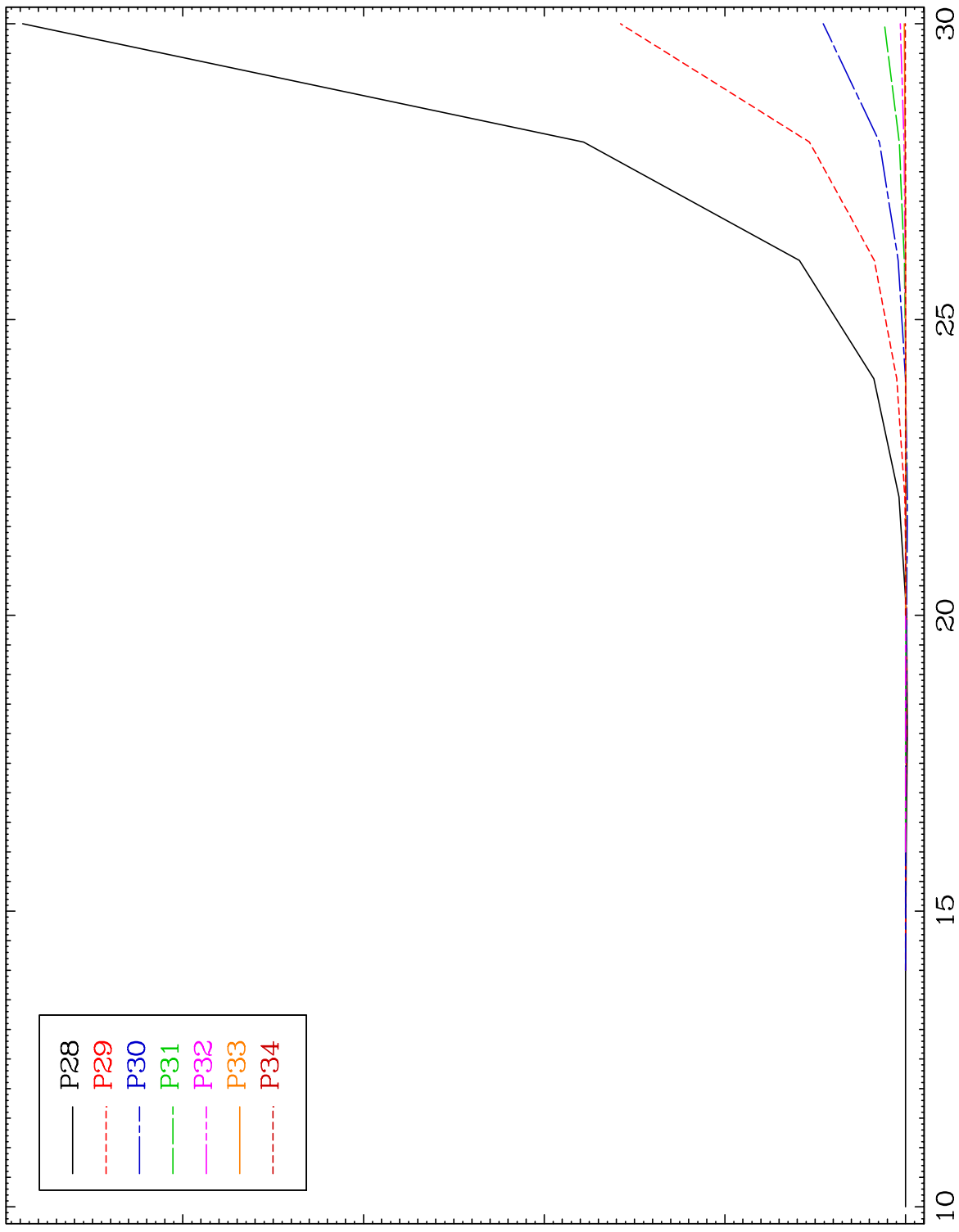


$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

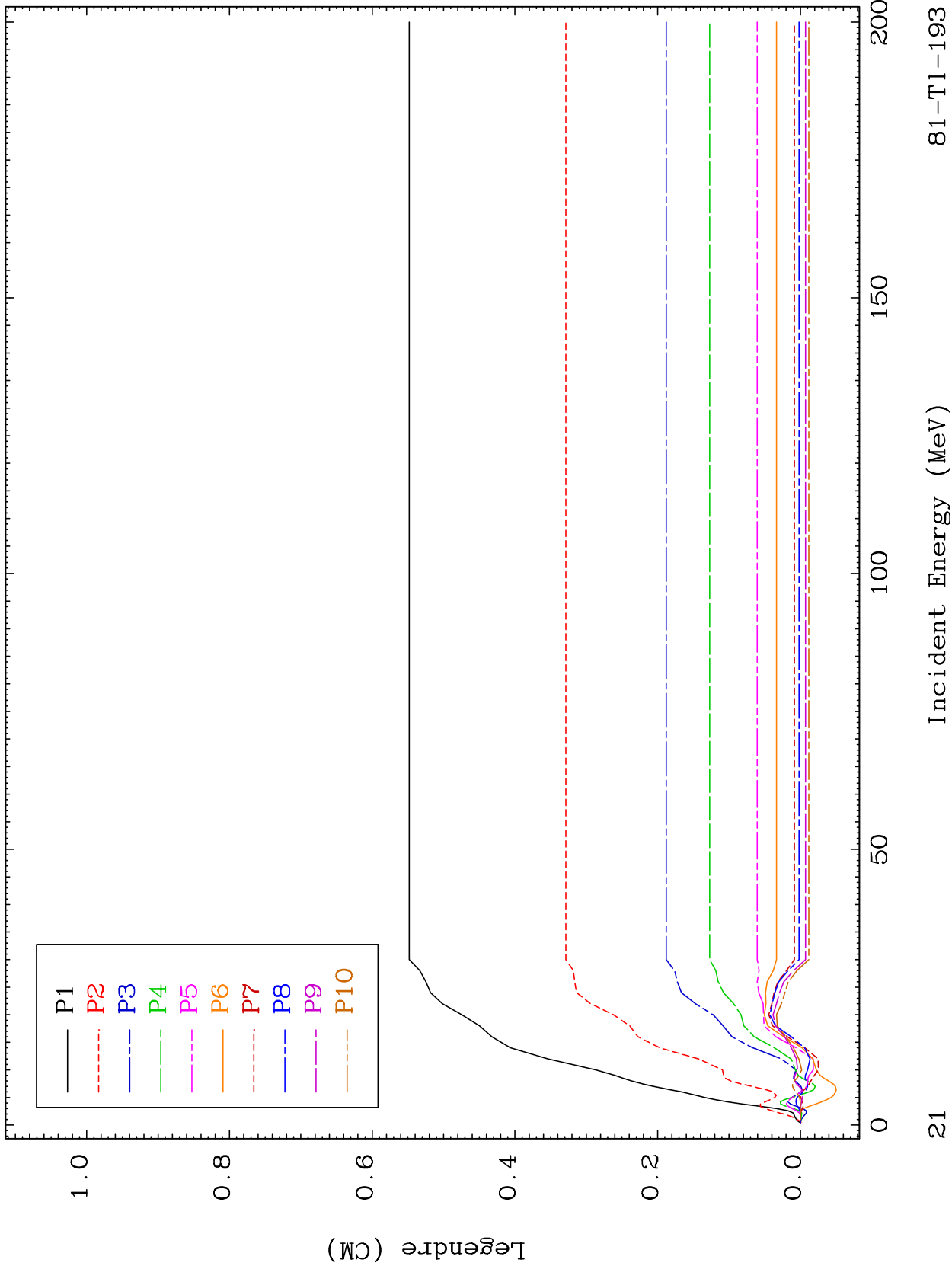
81-T1-193



MAT 8095

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

81-Tl-193

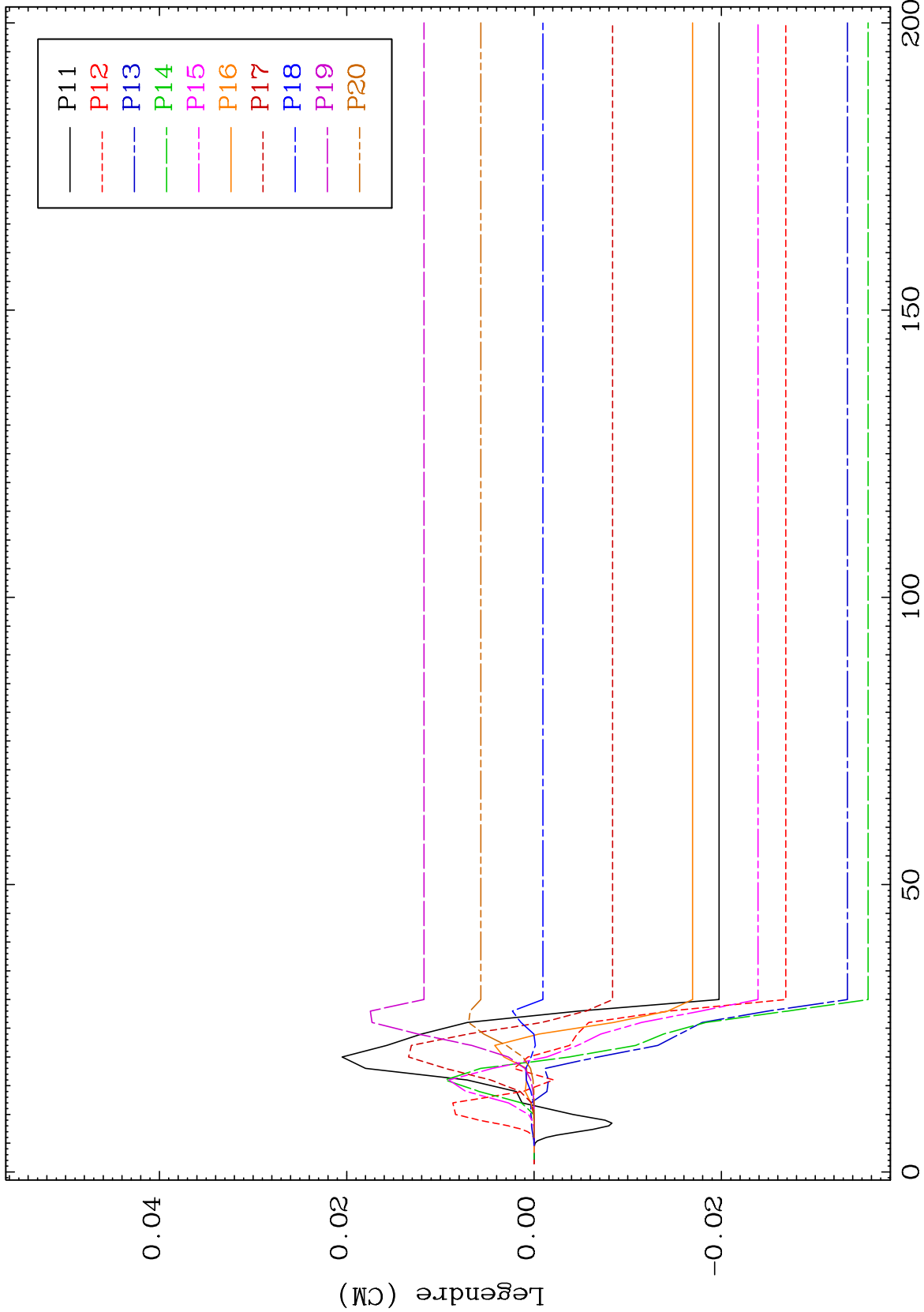


21

MAT 8095

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

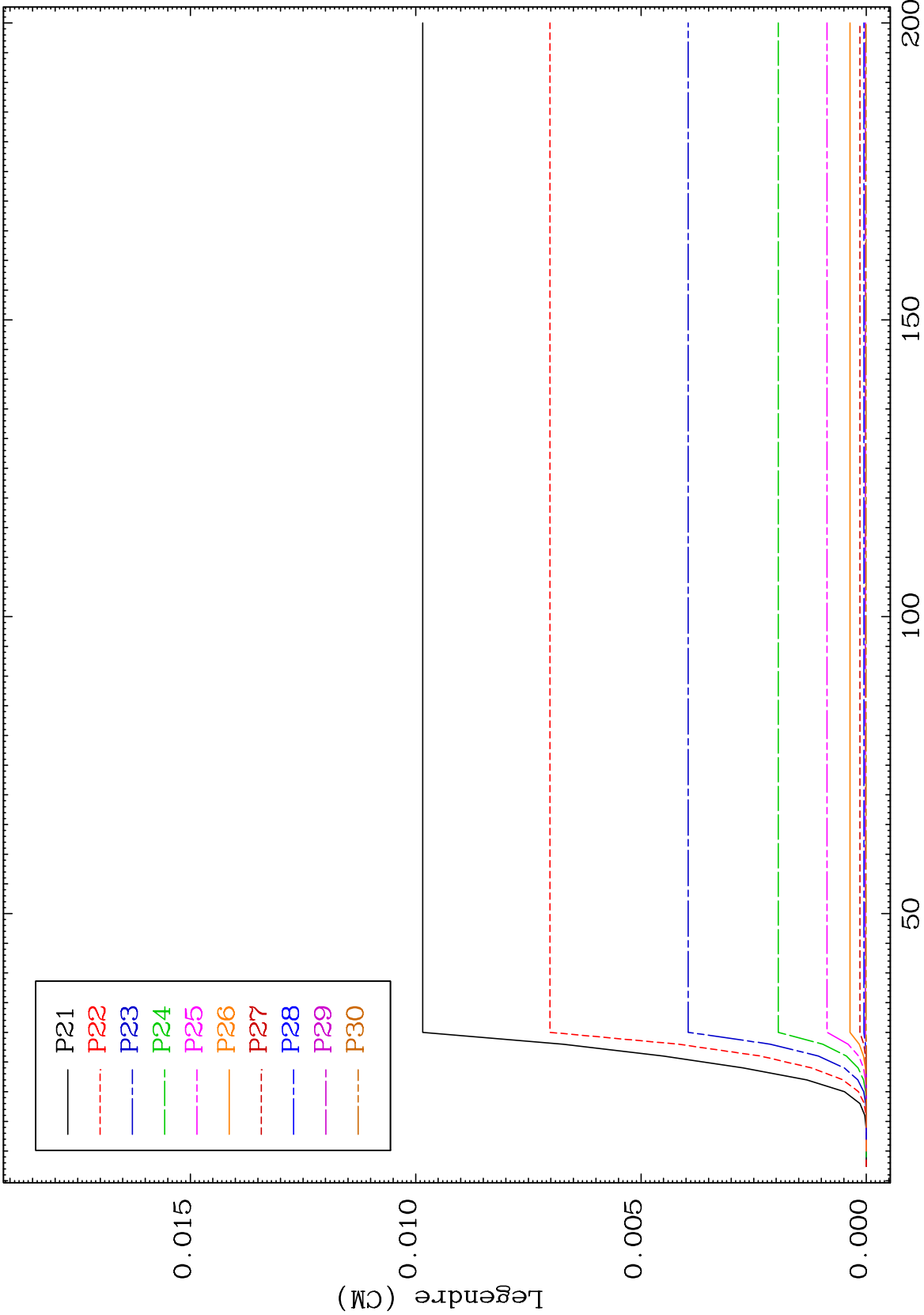
81-Tl-193



22

Incident Energy (MeV)

81-Tl-193

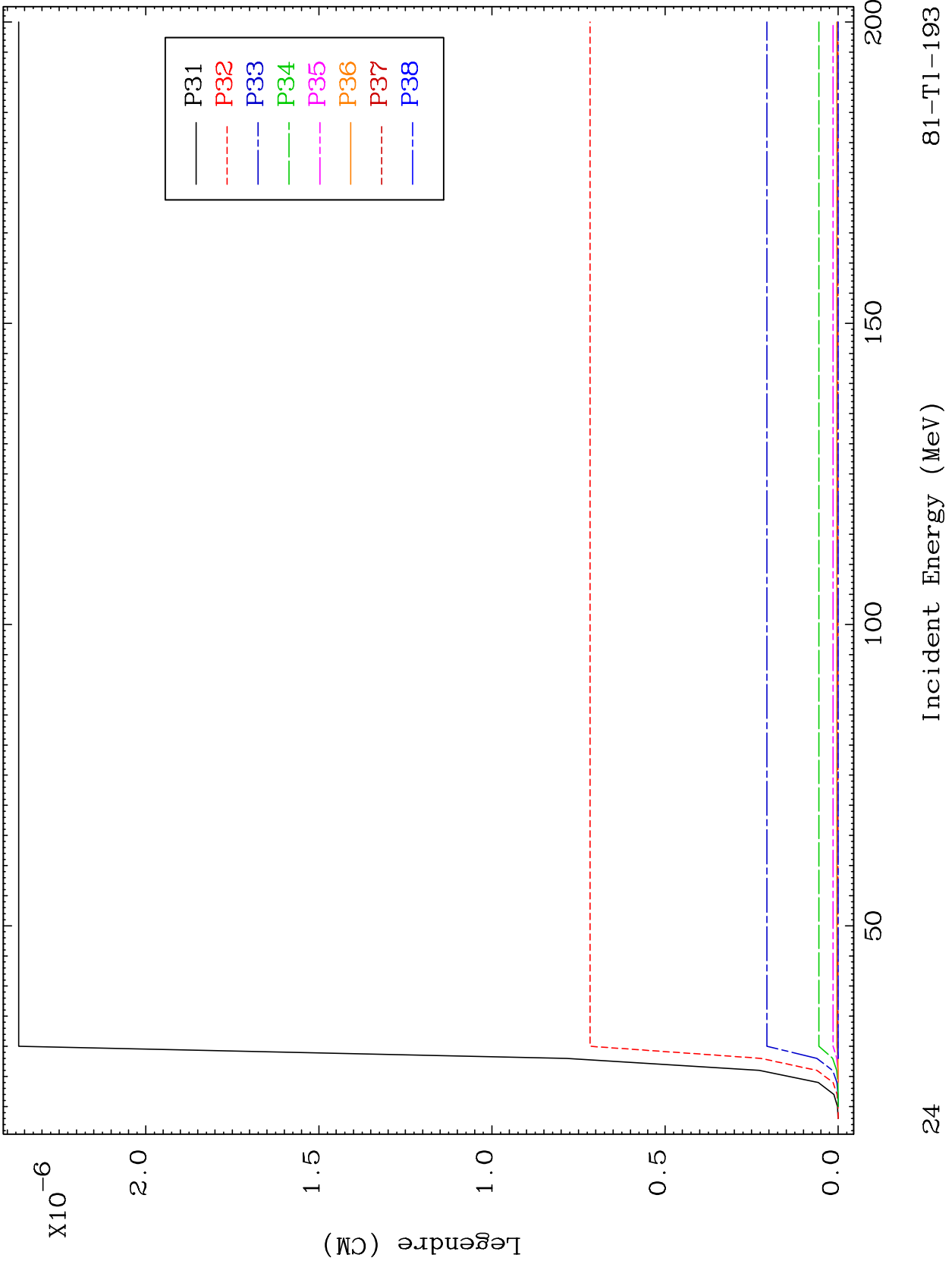




MAT 8095

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

81-Tl-193



24

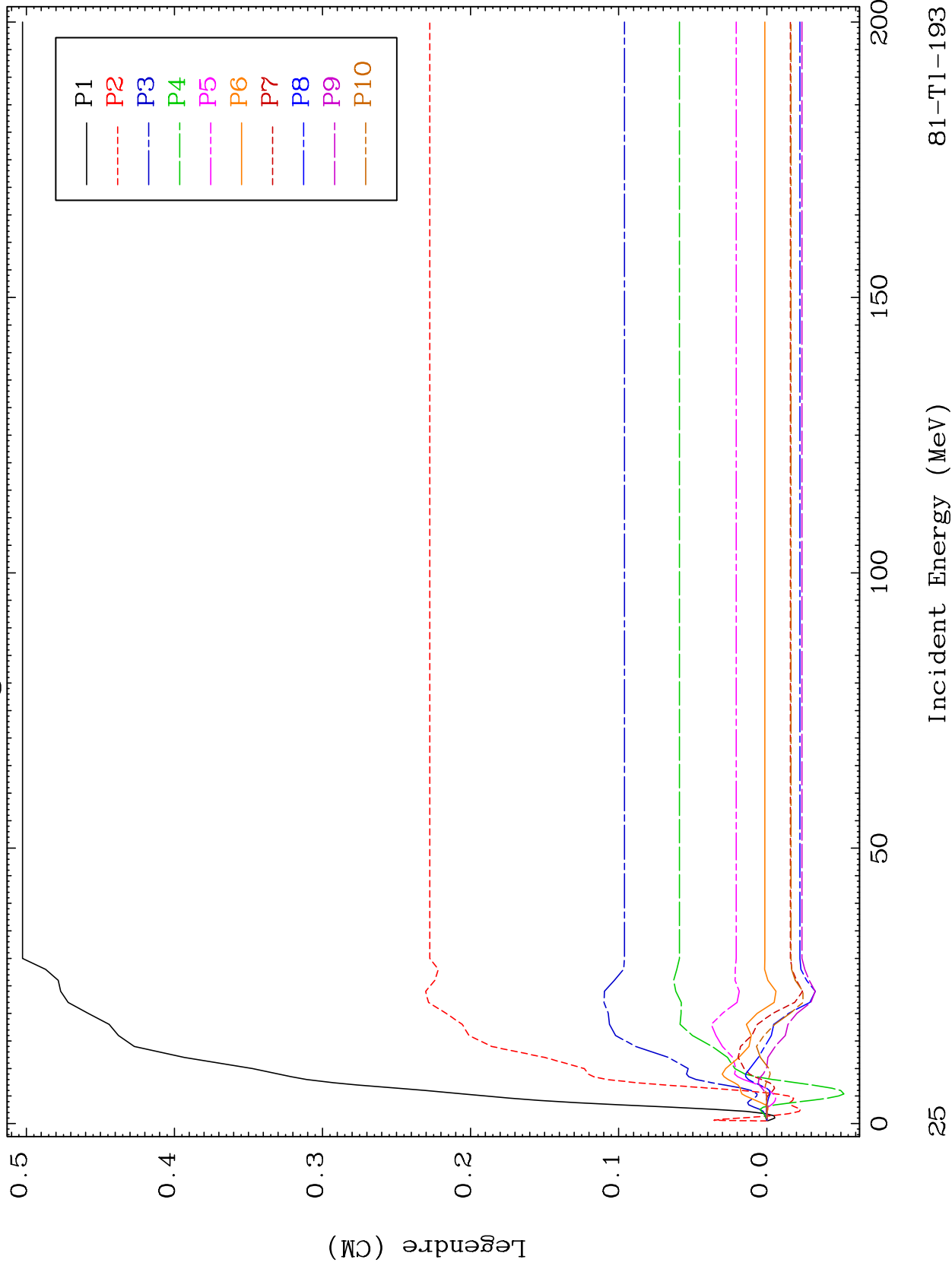
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



81-Tl-193

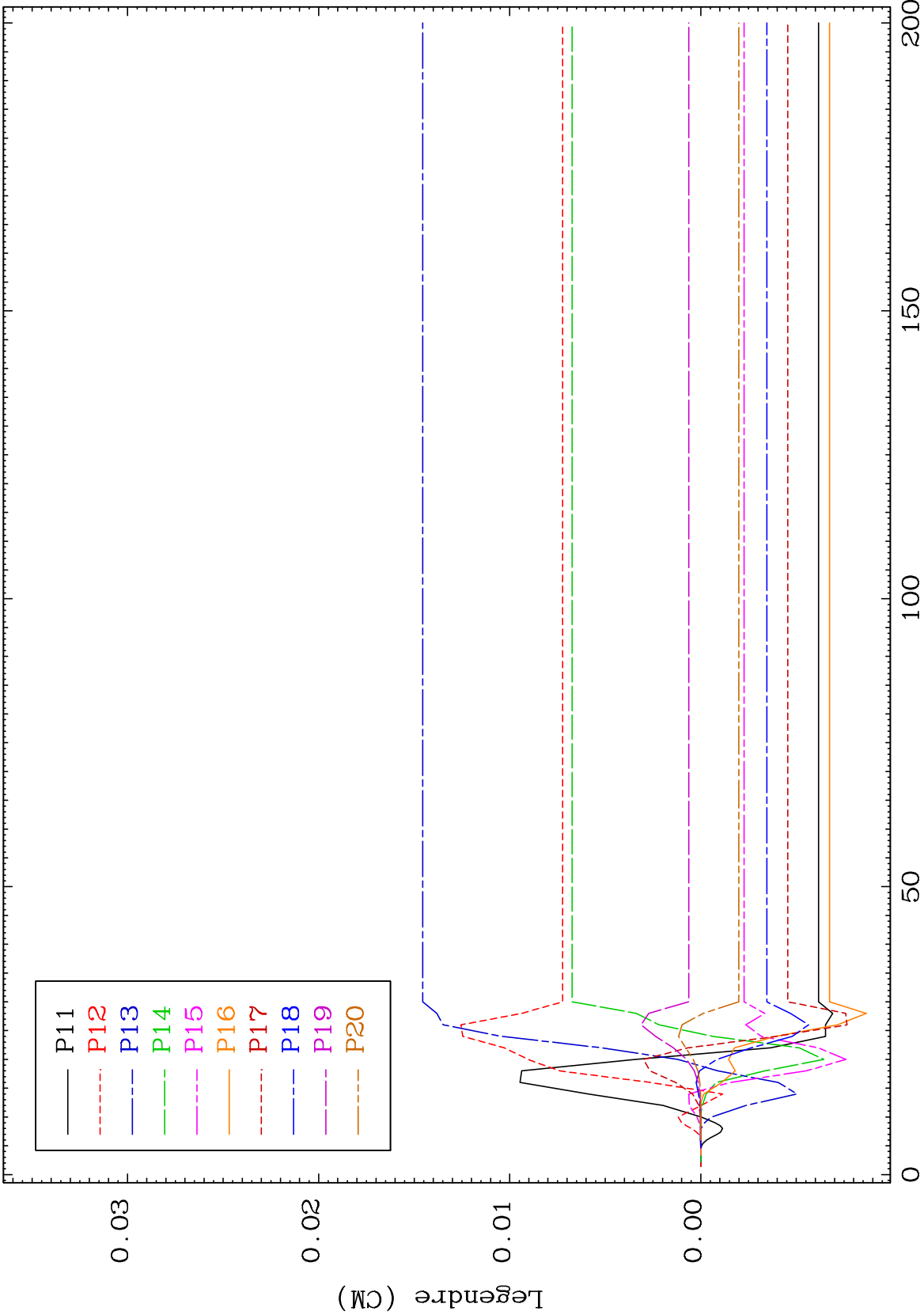
Incident Energy (MeV)

25

MAT 8095

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

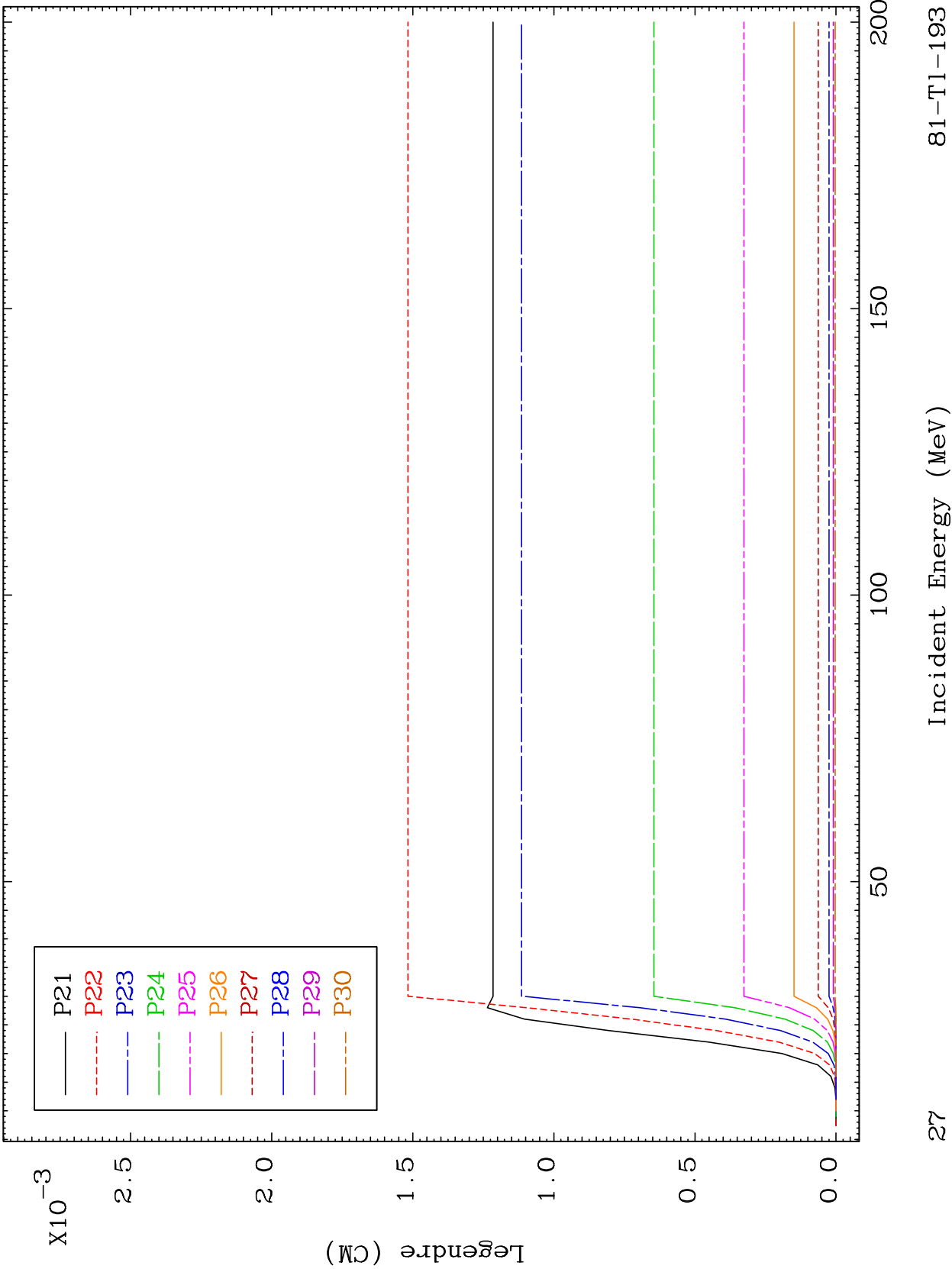
81-T1-193



26

Incident Energy (MeV)

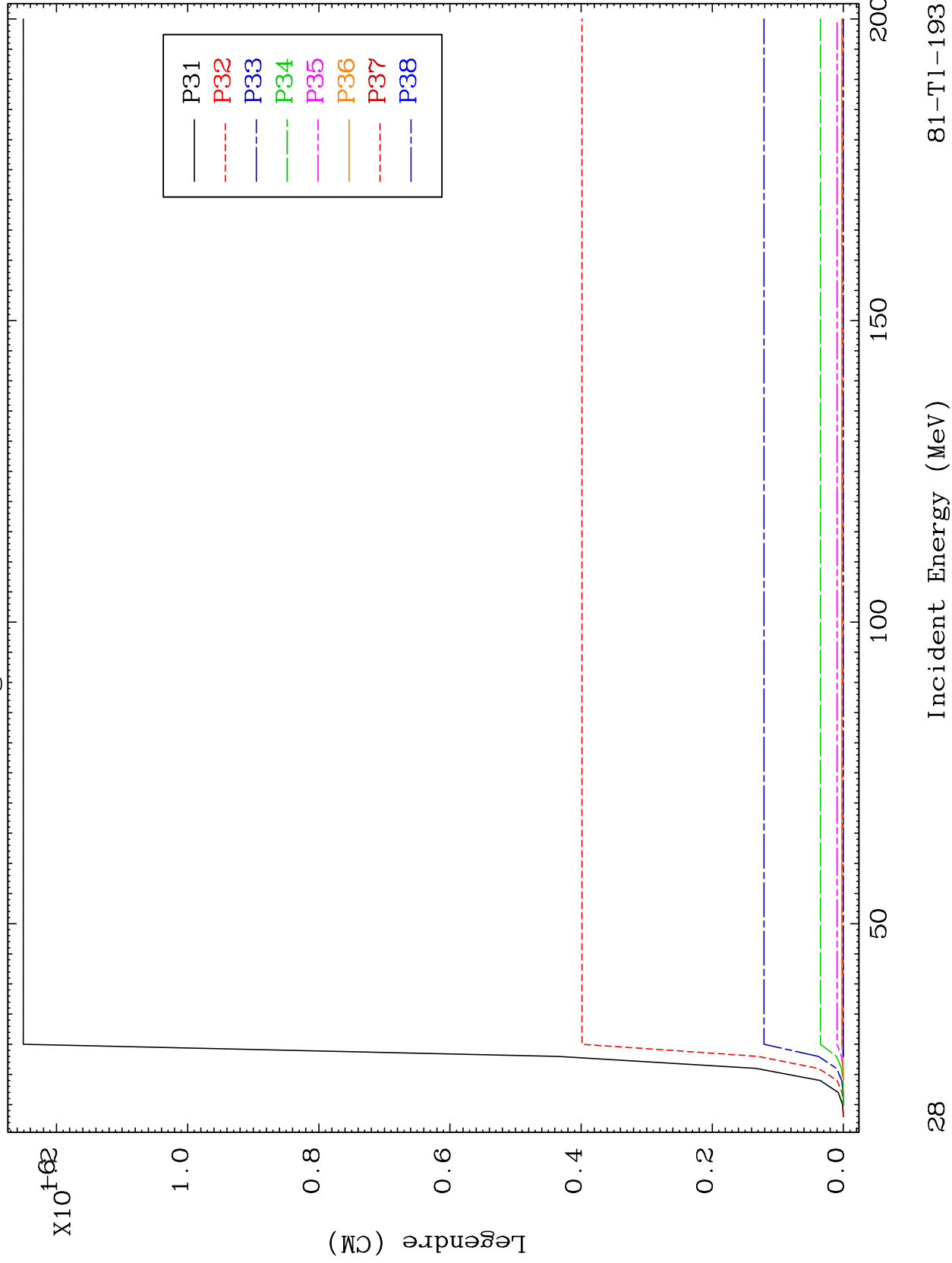
81-T1-193



MAT 8095

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

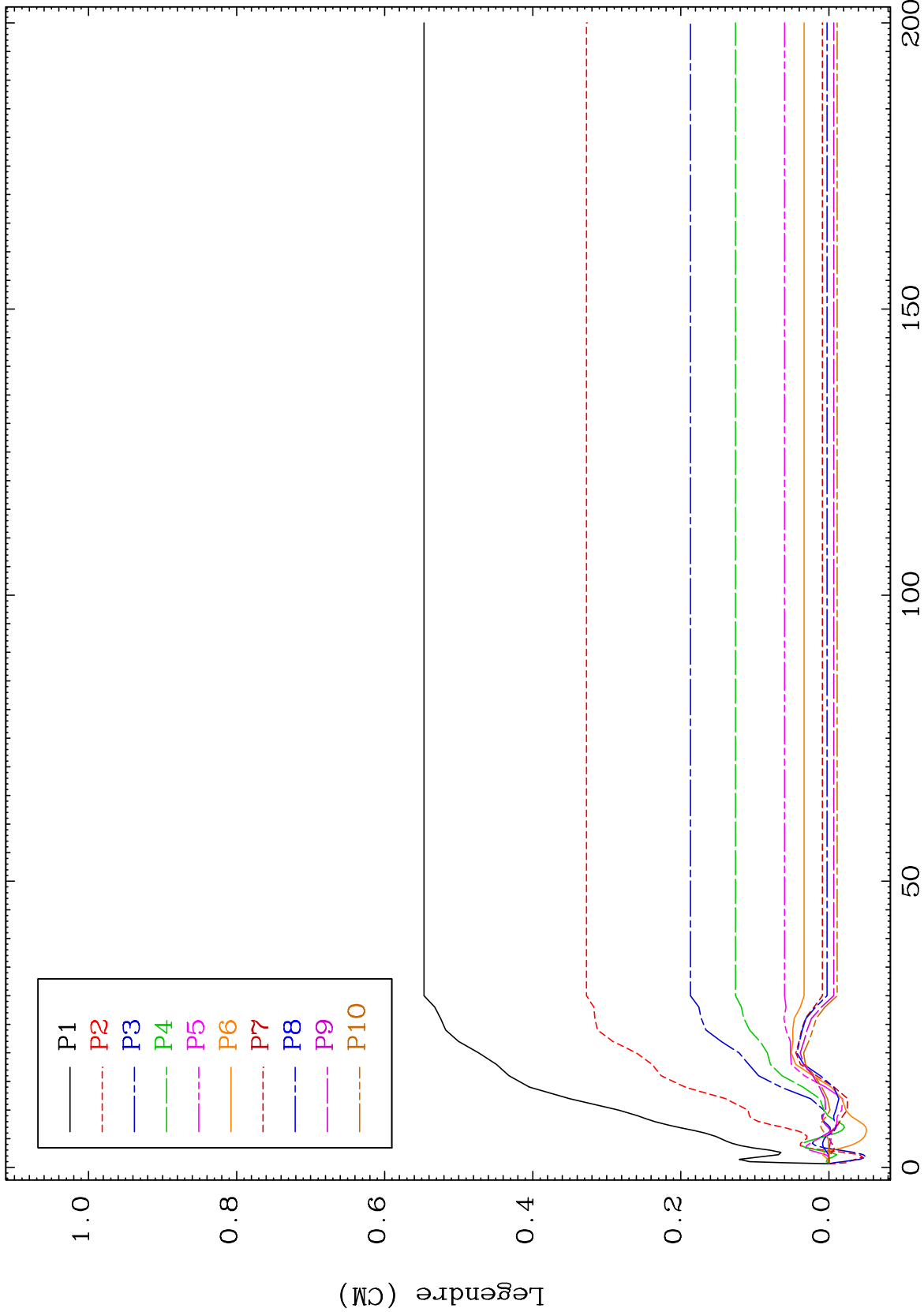
81-Tl-193



28

Incident Energy (MeV)

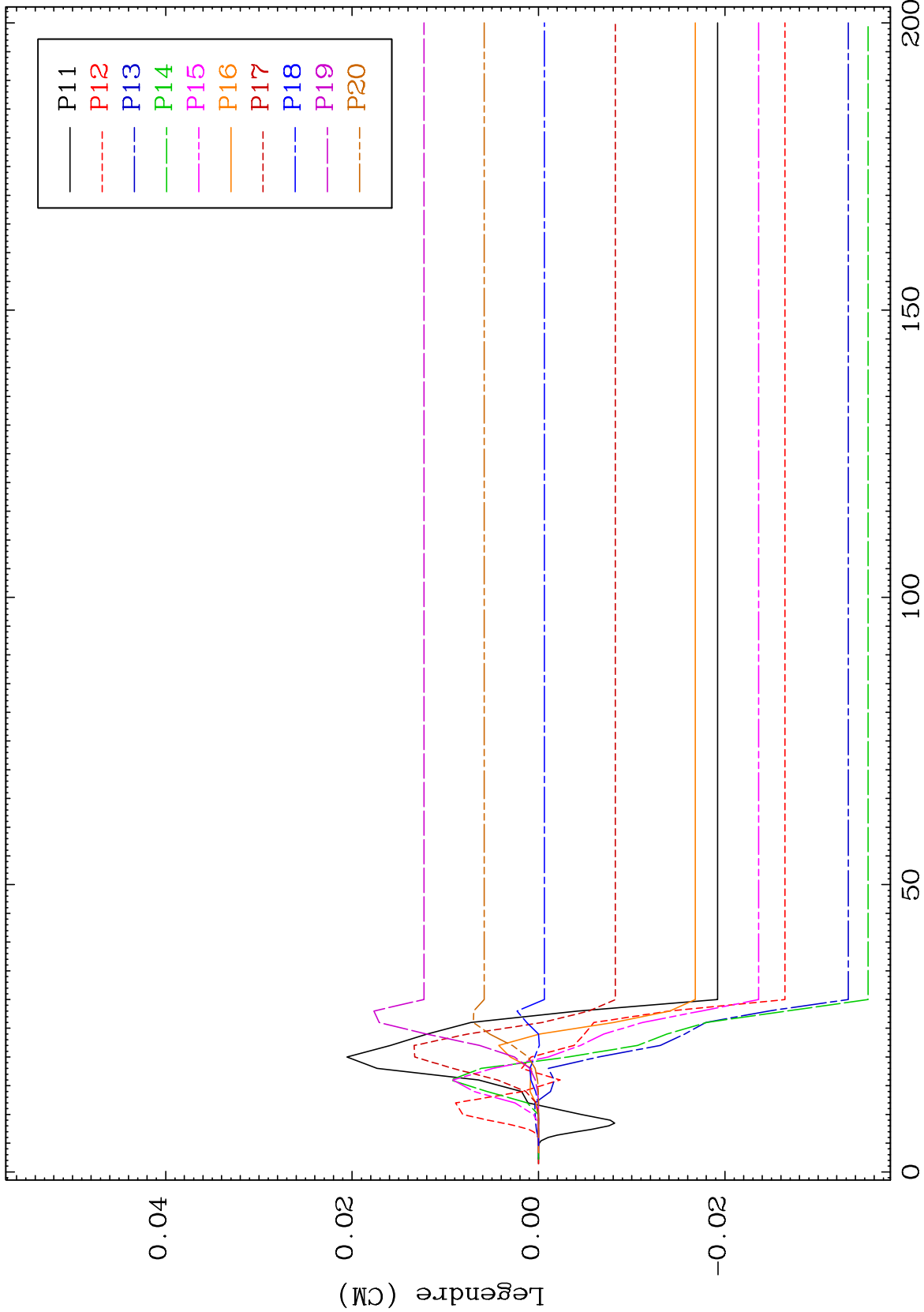
81-Tl-193



MAT 8095

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

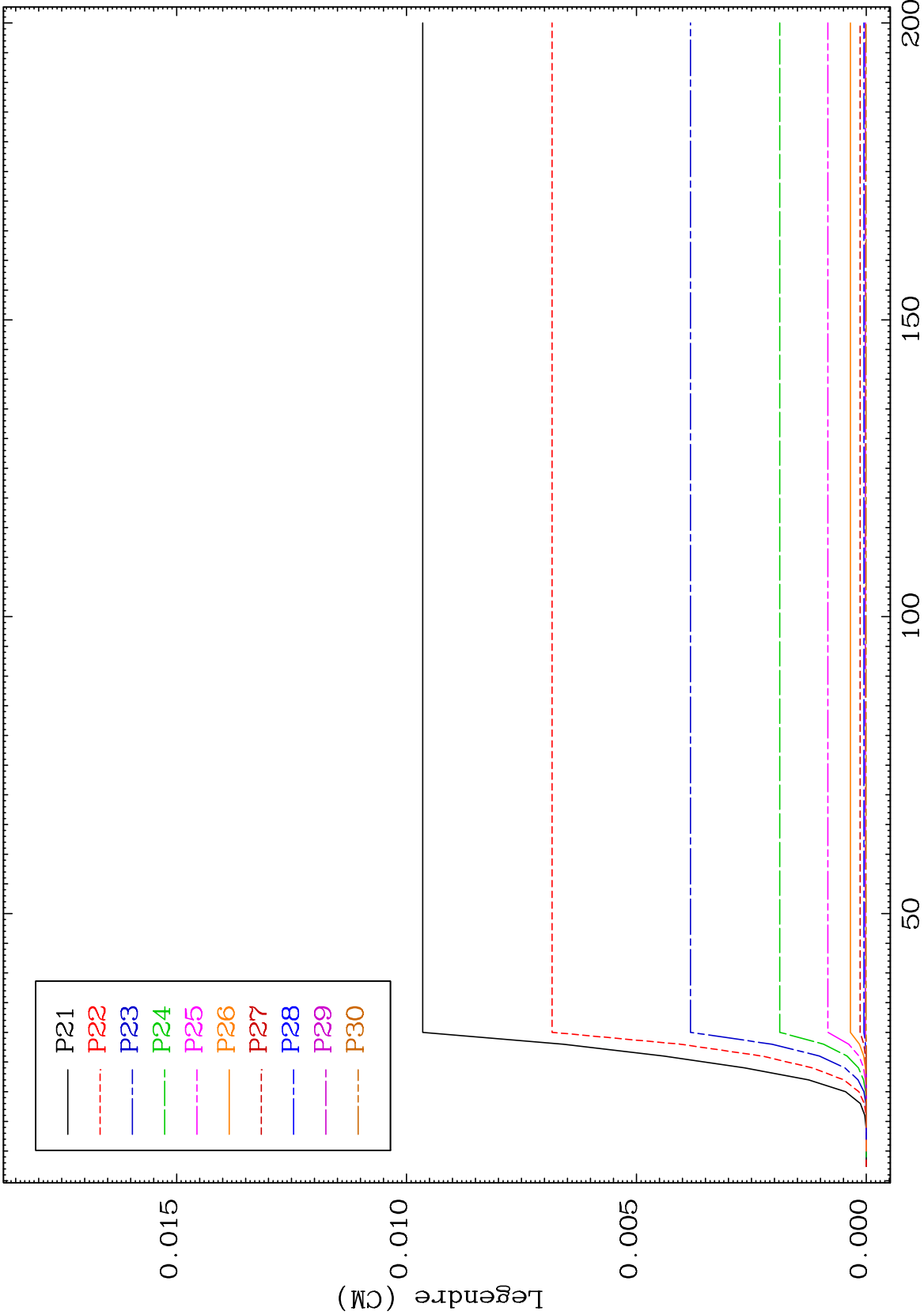
81-Tl-193



81-Tl-193

Incident Energy (MeV)

30

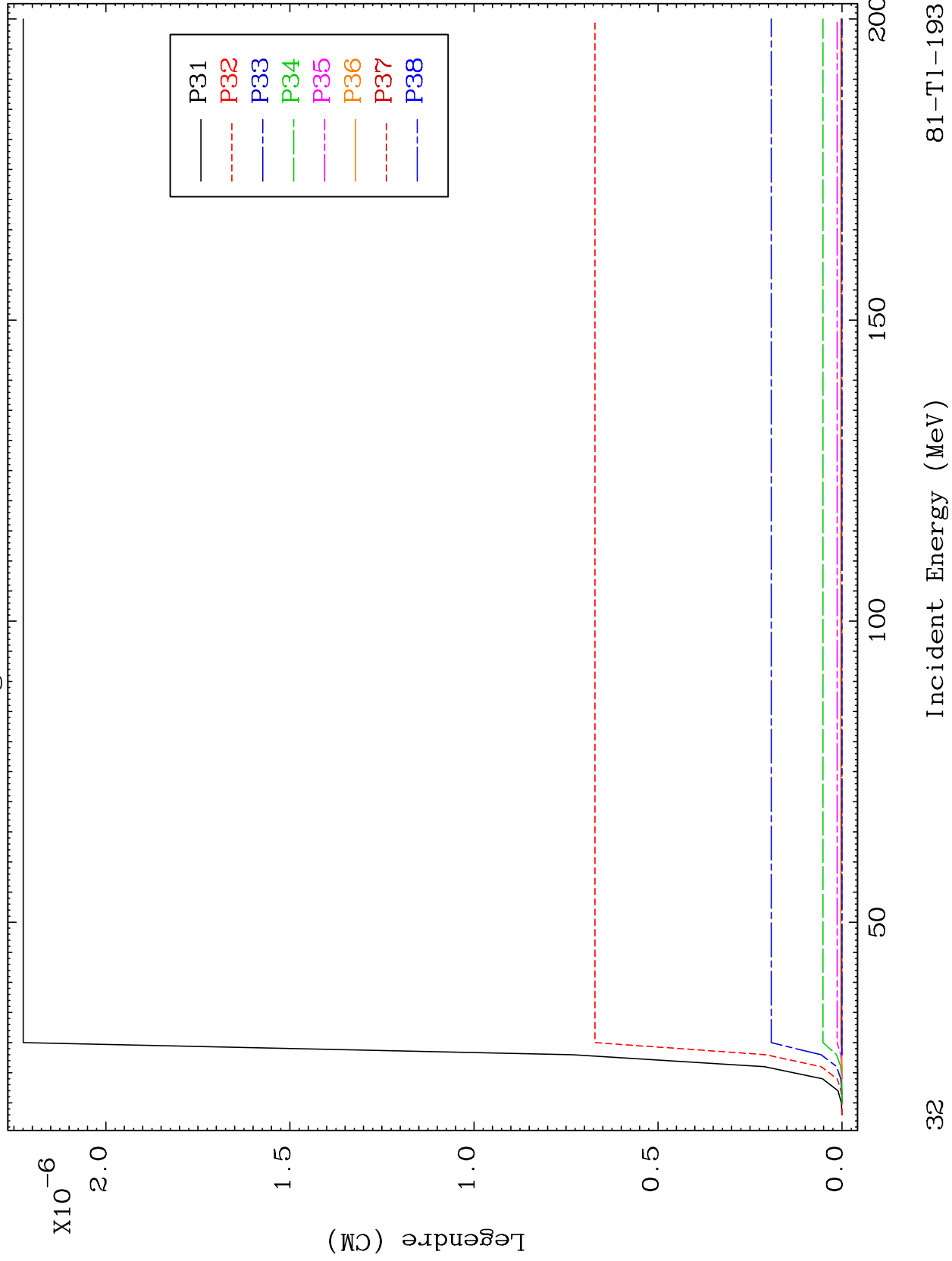




MAT 8095

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

81-T1-193



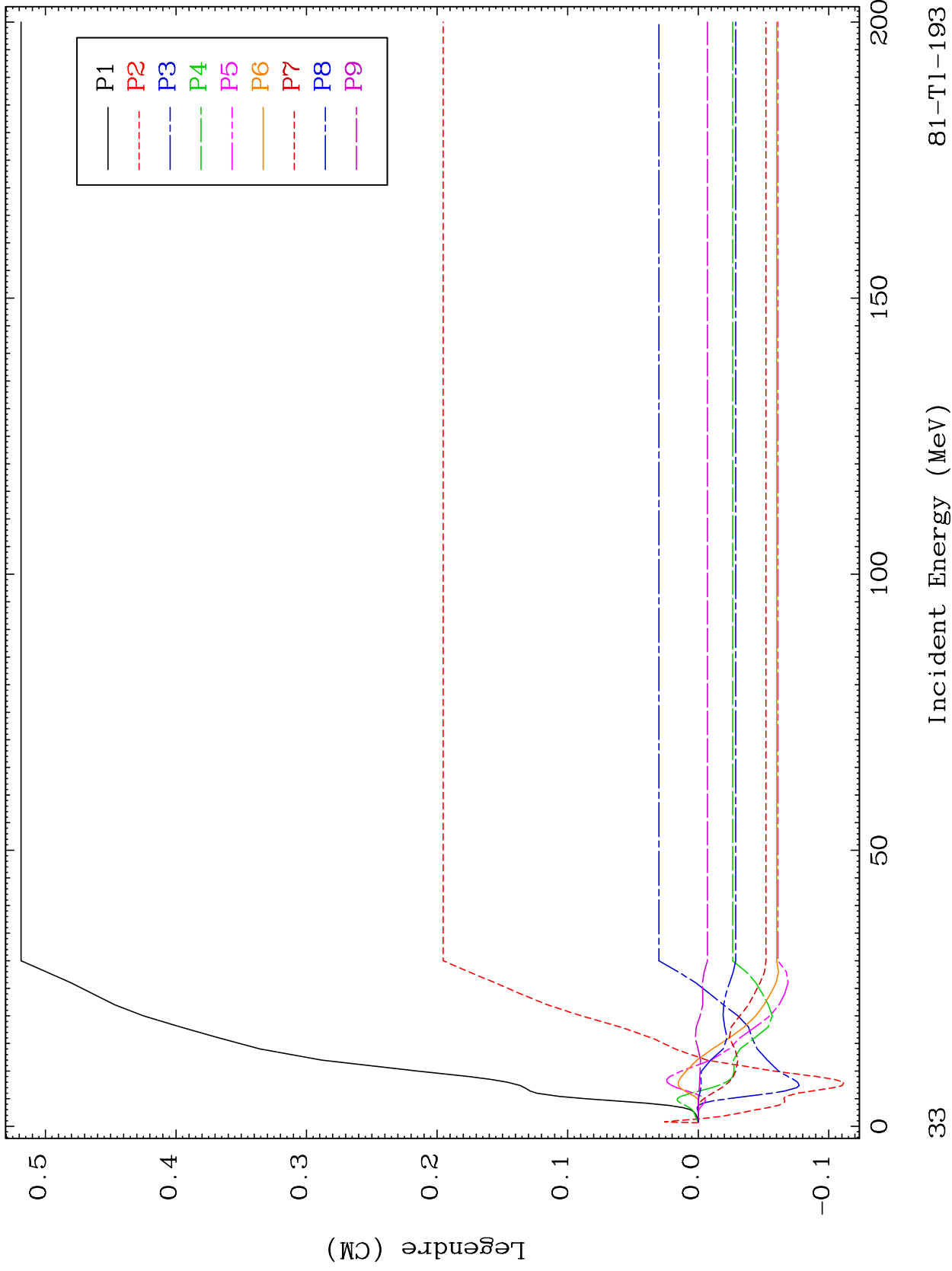
32

81-T1-193

MAT 8095

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

81-T1-193



33

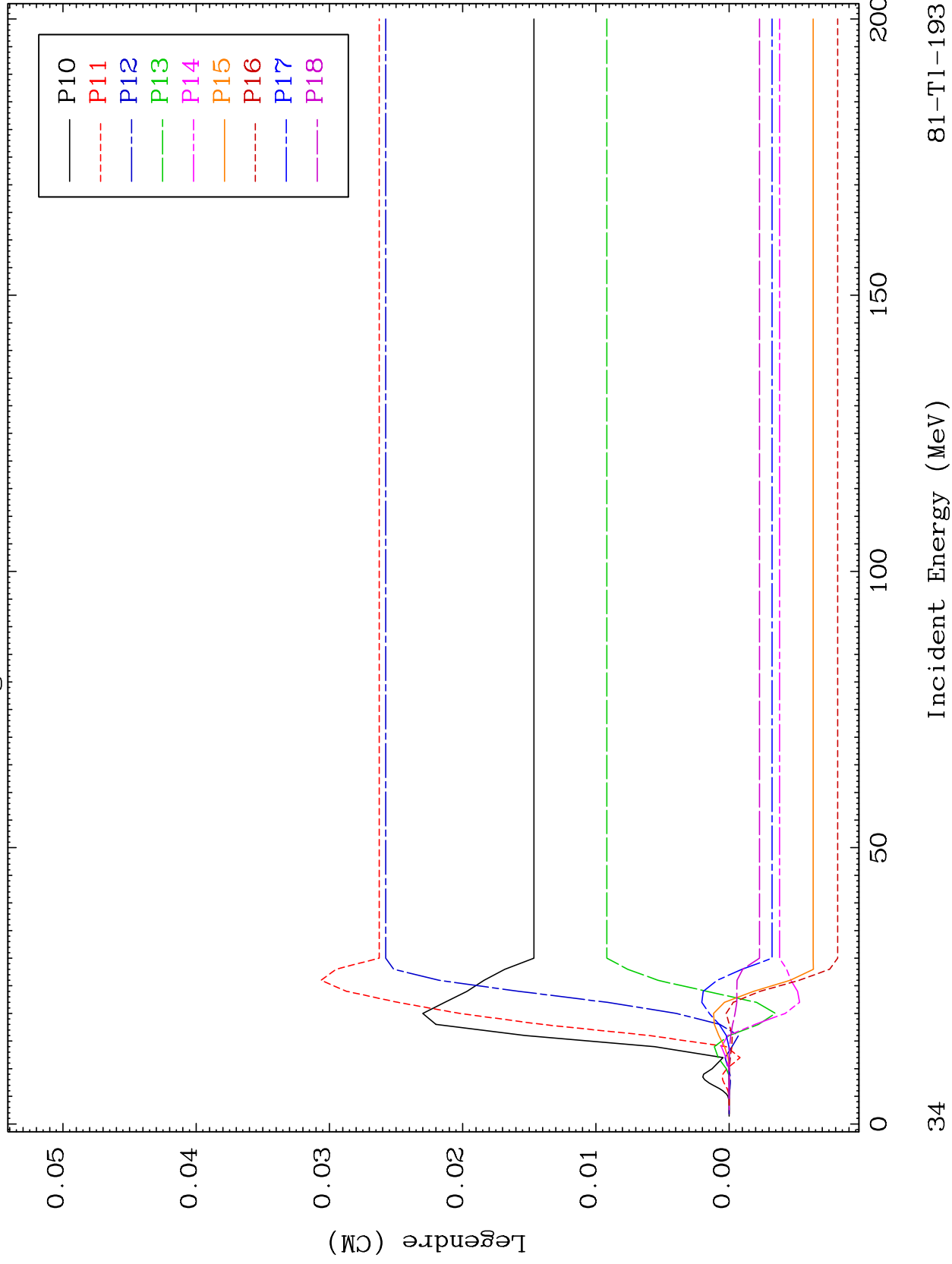
Incident Energy (MeV)

81-T1-193

MAT 8095

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

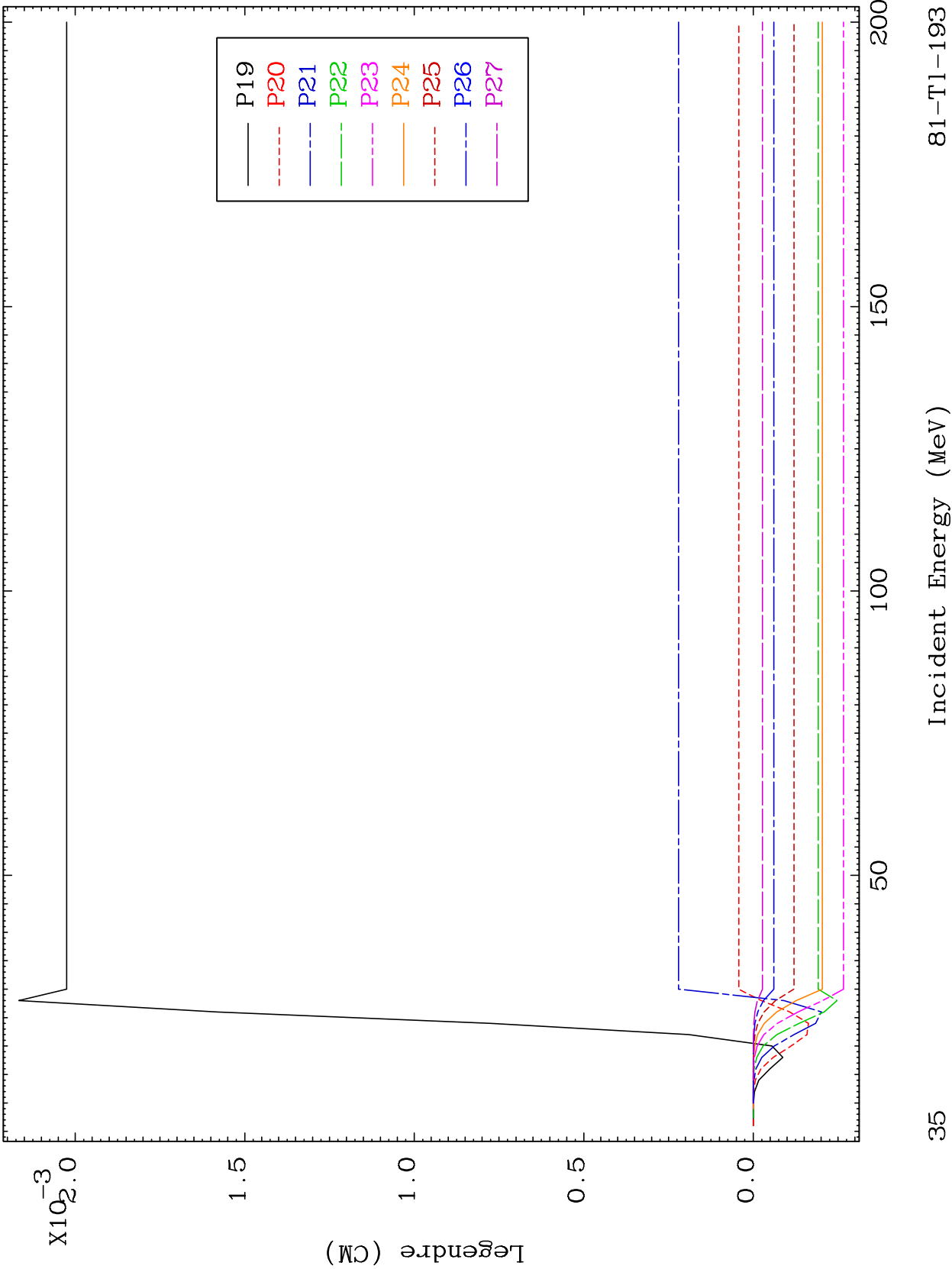
81-Tl-193



81-Tl-193

Incident Energy (MeV)

34

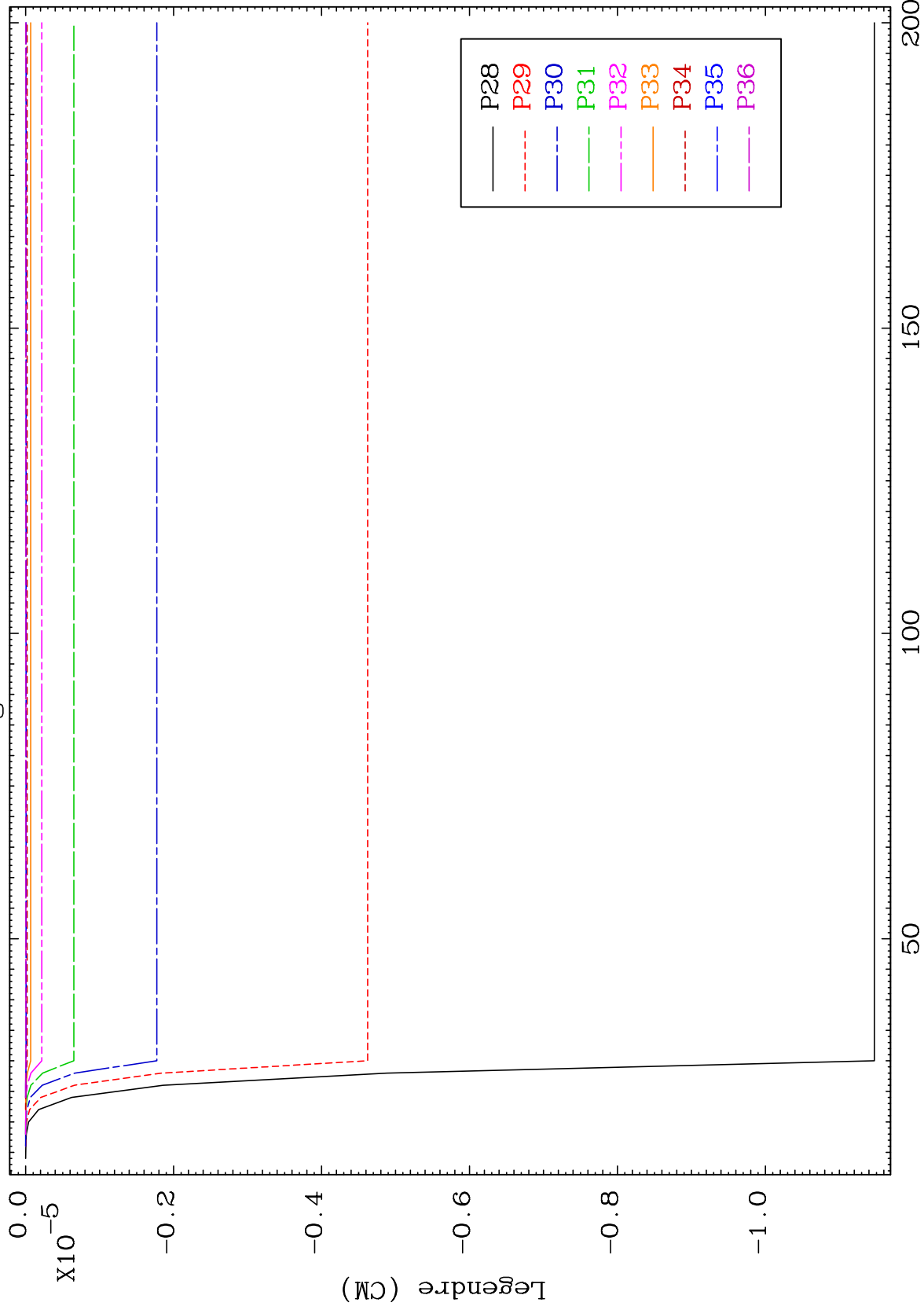


MAT 8095

MT= 54 (n,n') Level

81-Tl-193

Legendre Coefficients



36

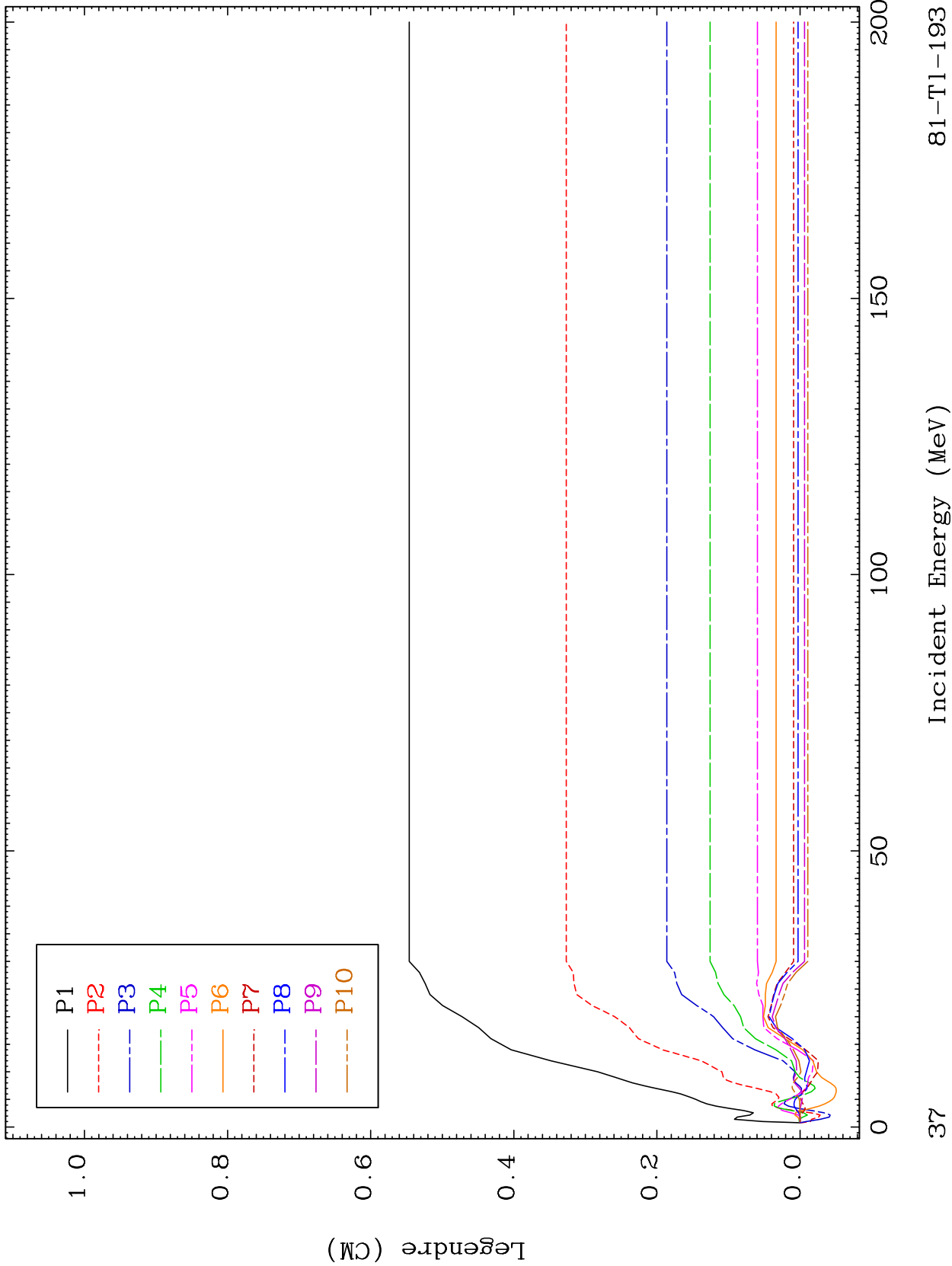
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193



37

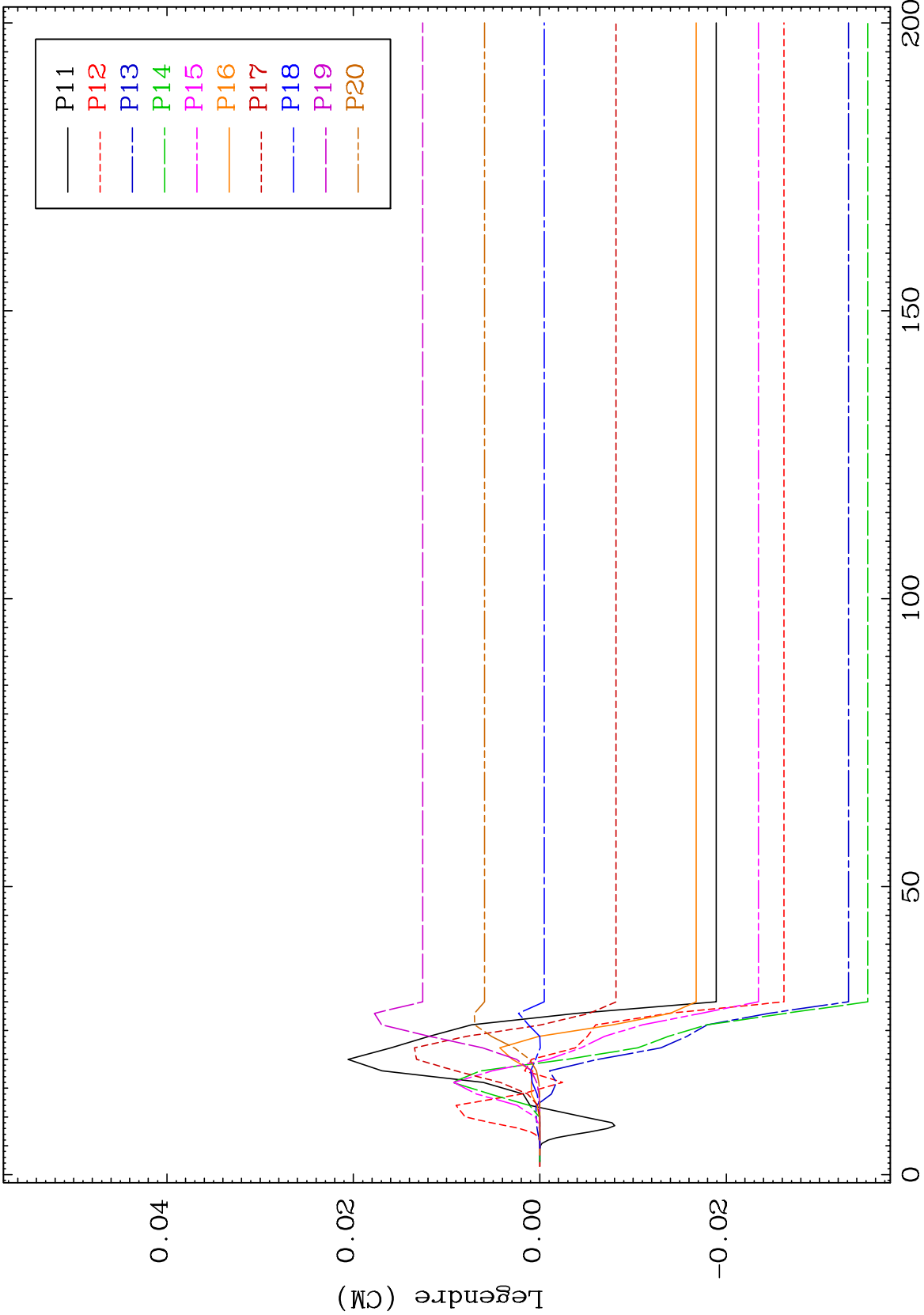
Incident Energy (MeV)

81-T1-193

MAT 8095

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

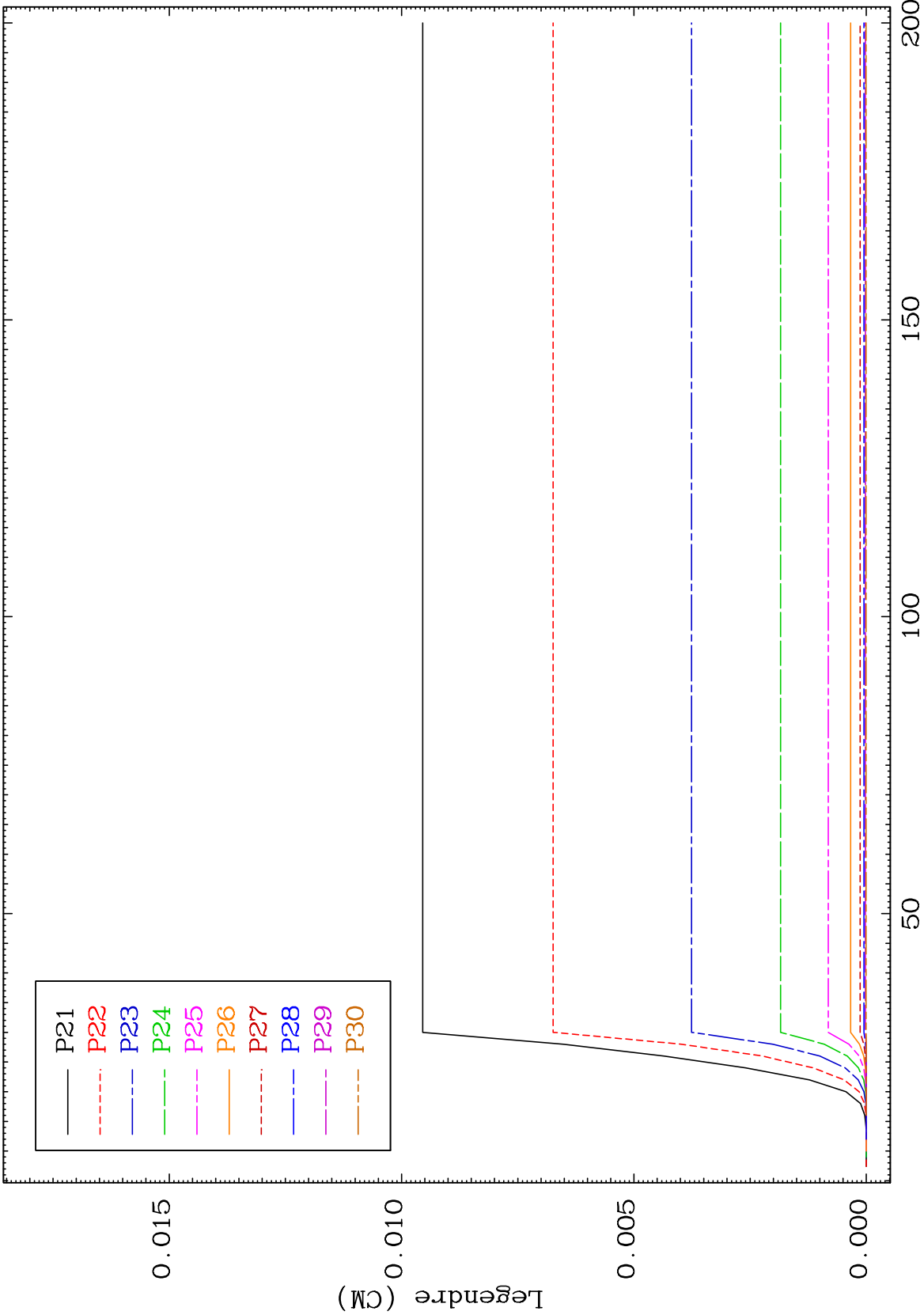
81-Tl-193



38

Incident Energy (MeV)

81-Tl-193

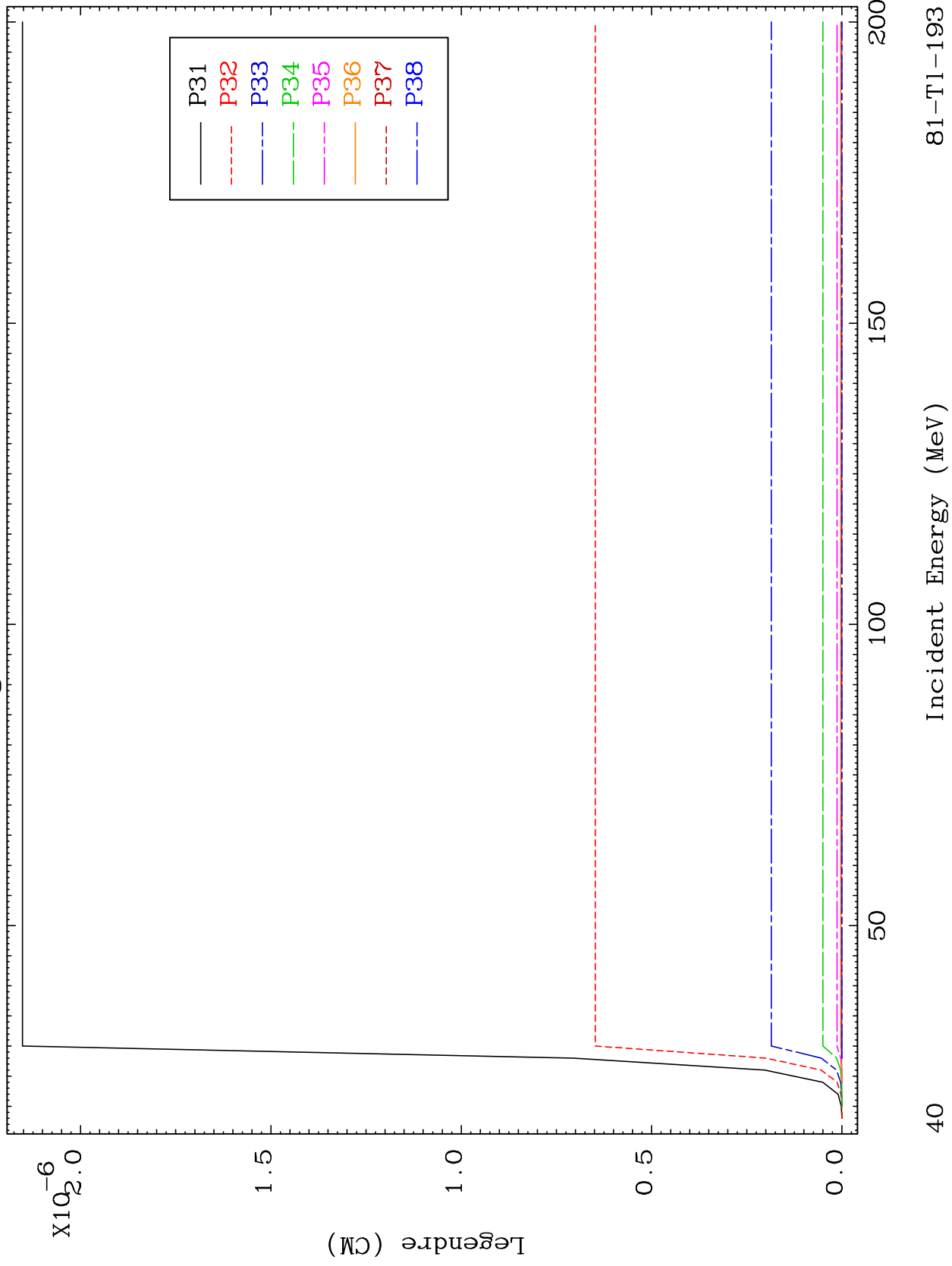


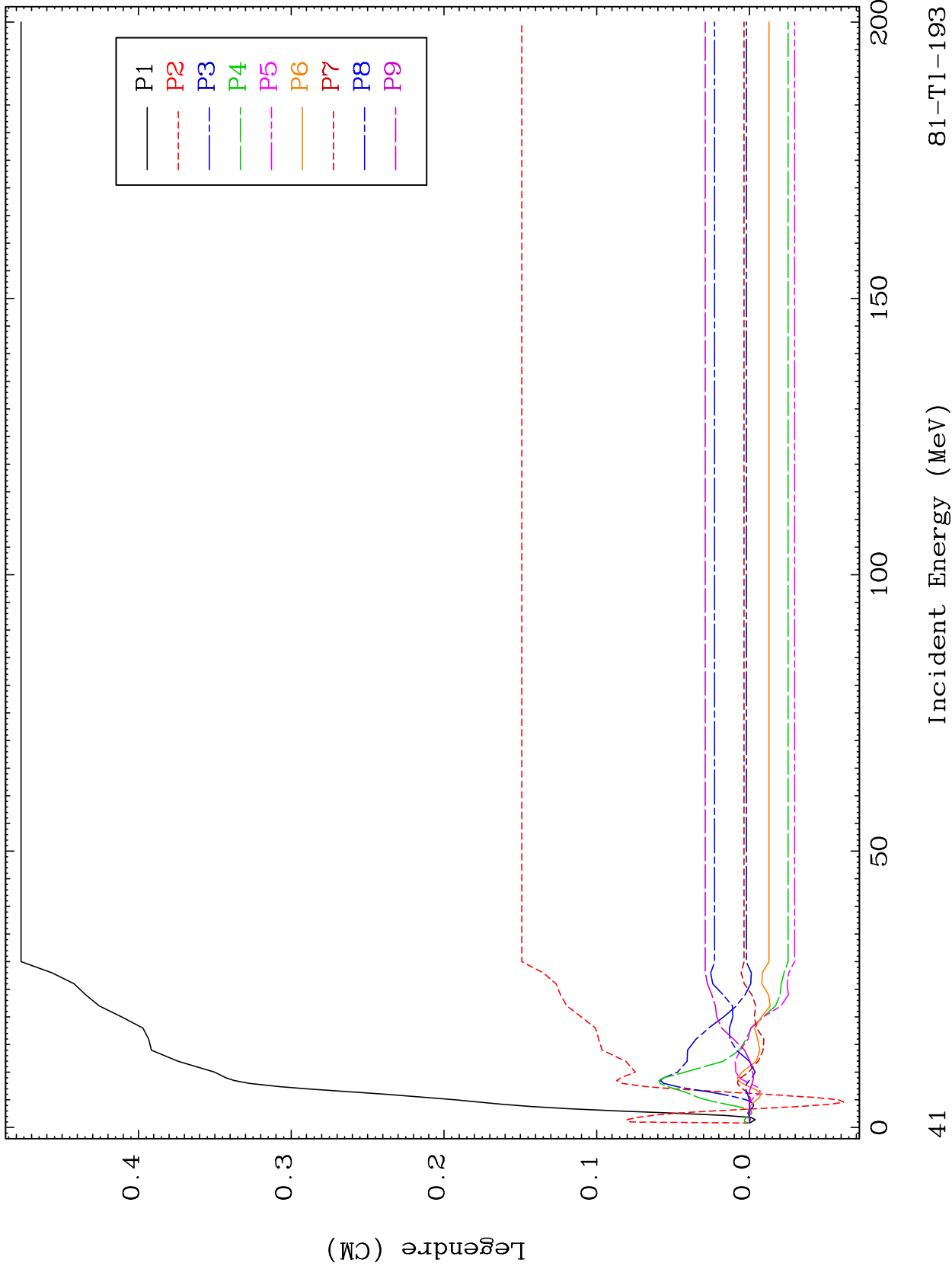


MAT 8095

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

81-T1-193

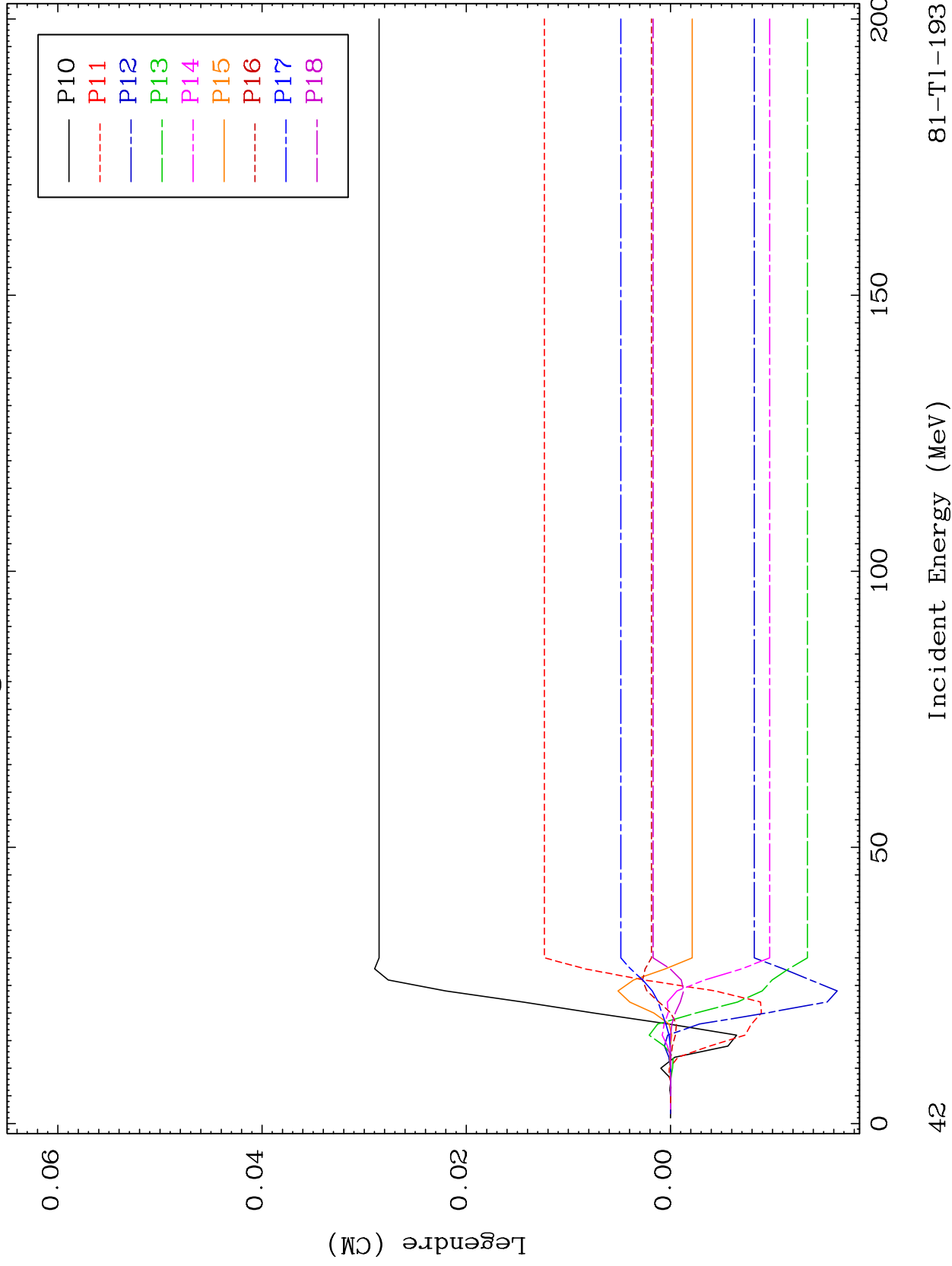




MAT 8095

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

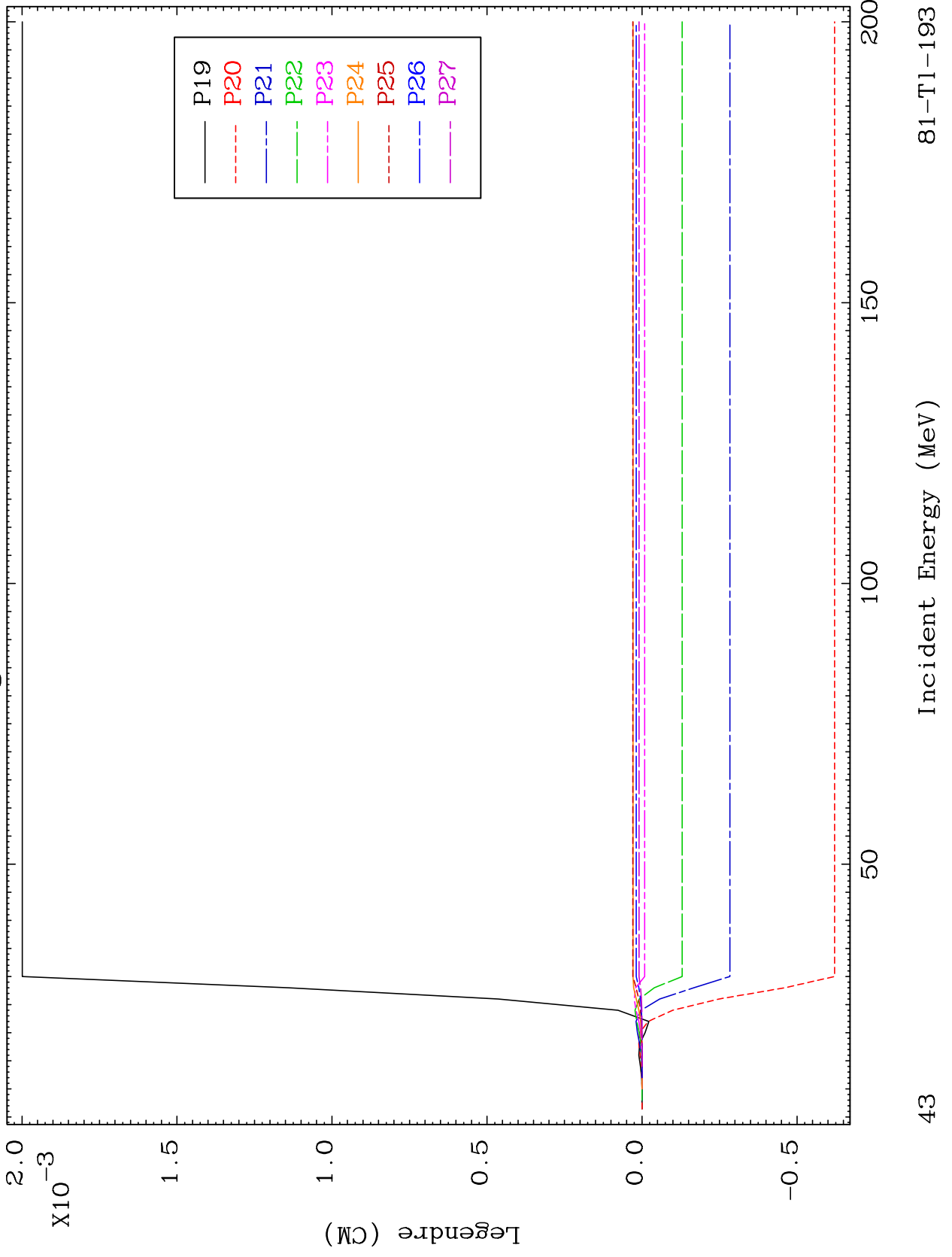
81-T1-193



81-T1-193

Incident Energy (MeV)

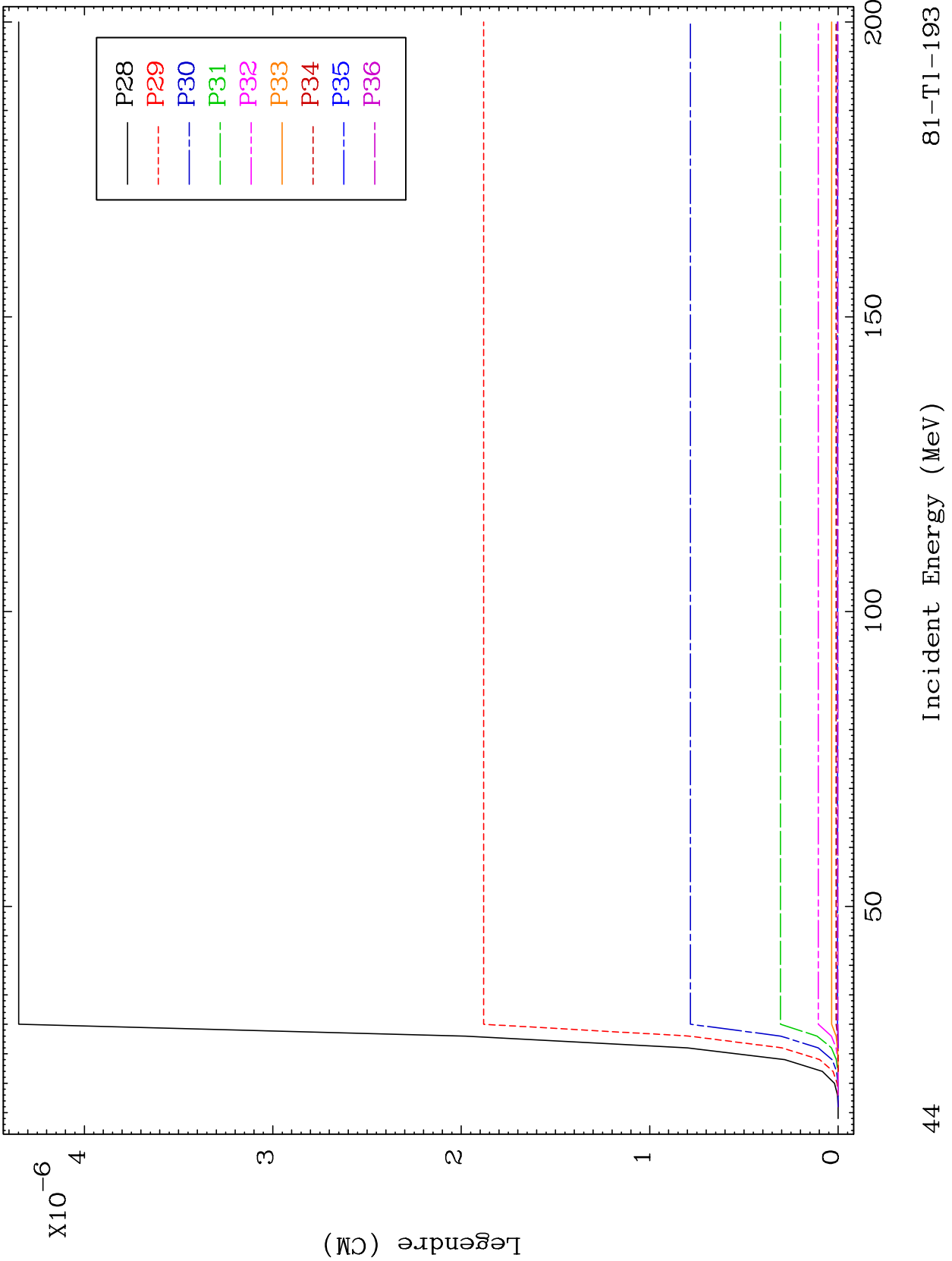
42



MAT 8095

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

81-Tl-193



44

Incident Energy (MeV)

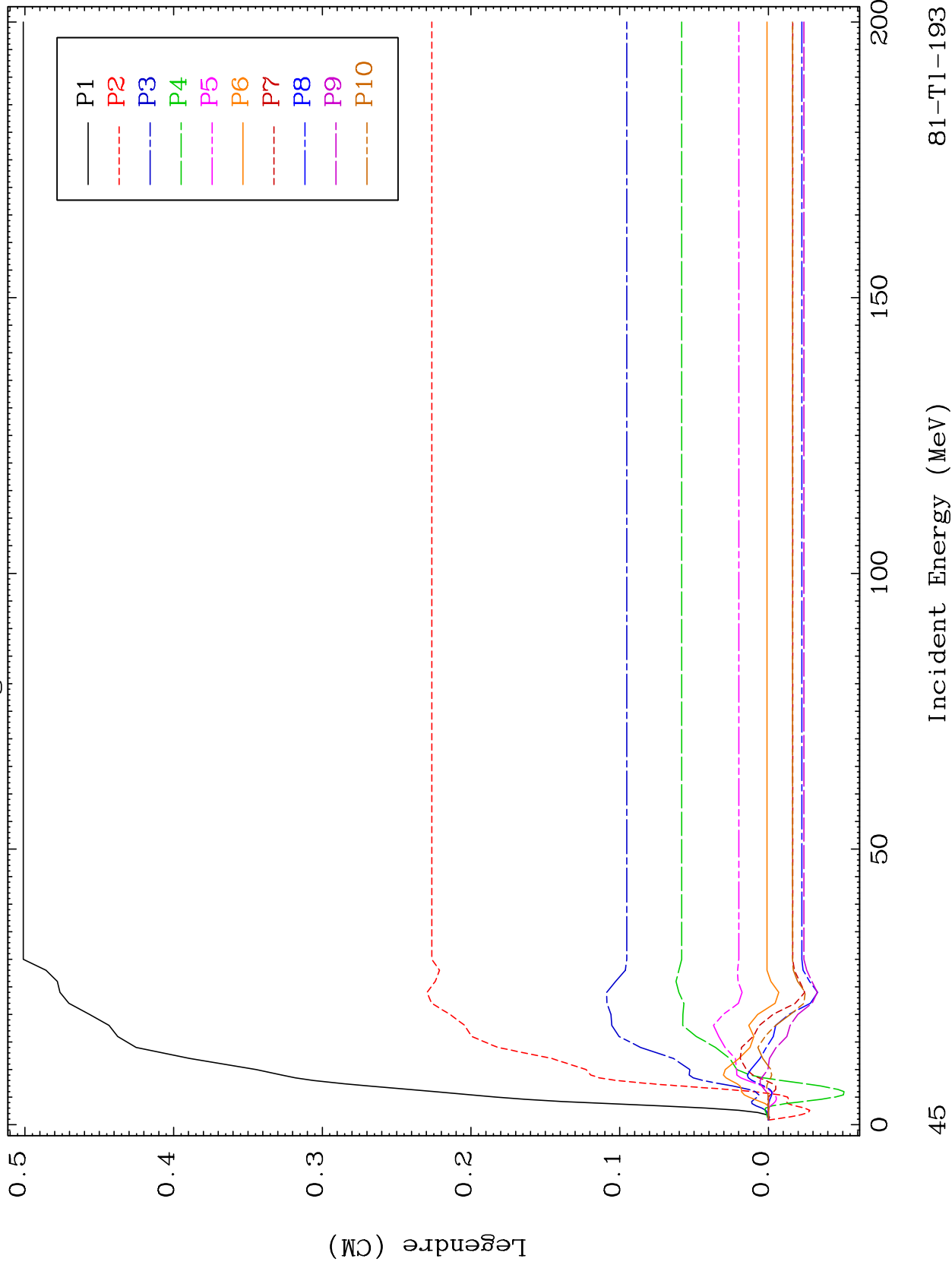
81-Tl-193

MAT 8095

MT= 57 (n,n') Level

81-Tl-193

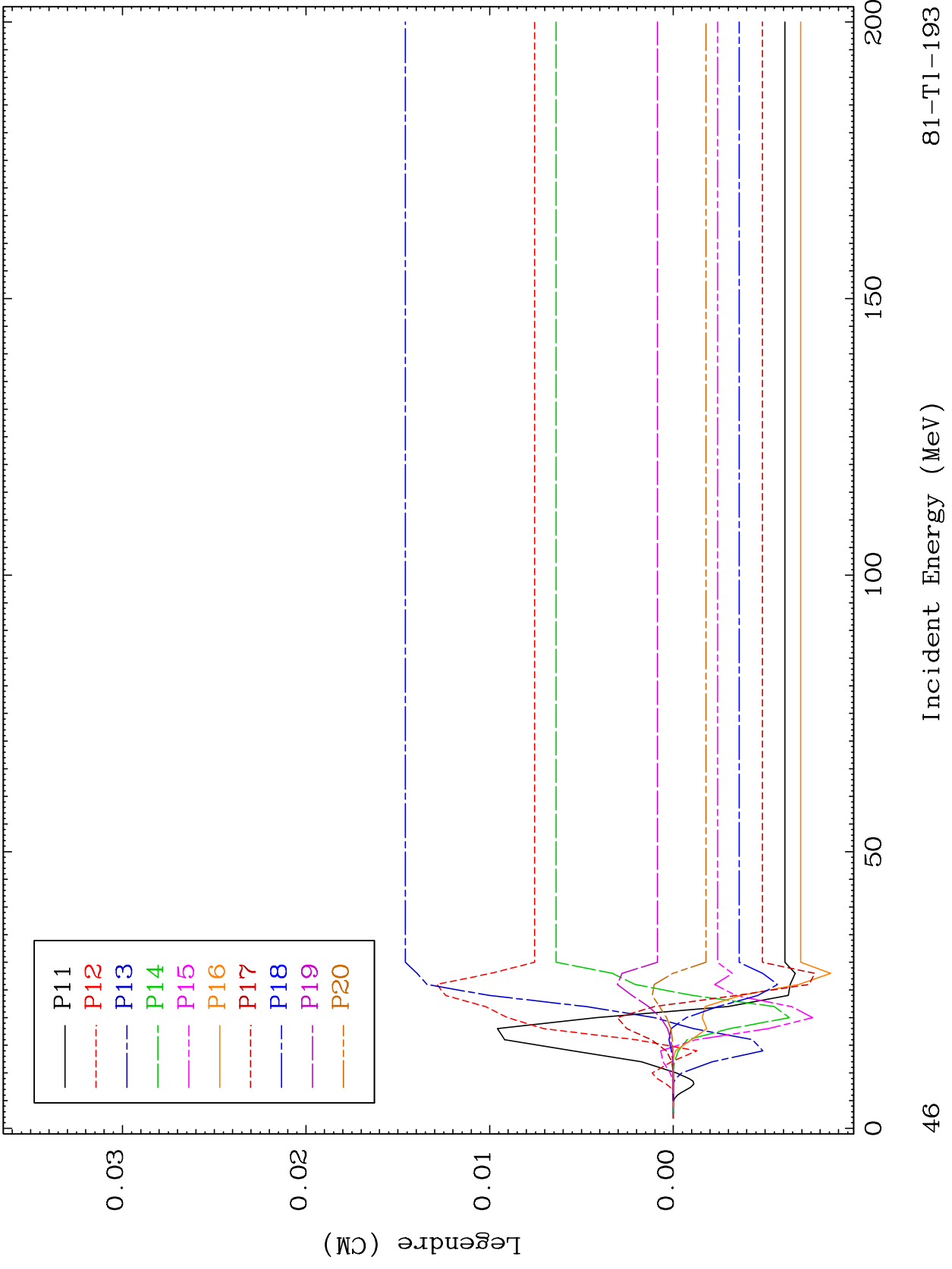
Legendre Coefficients



MAT 8095

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

81-Tl-193



46

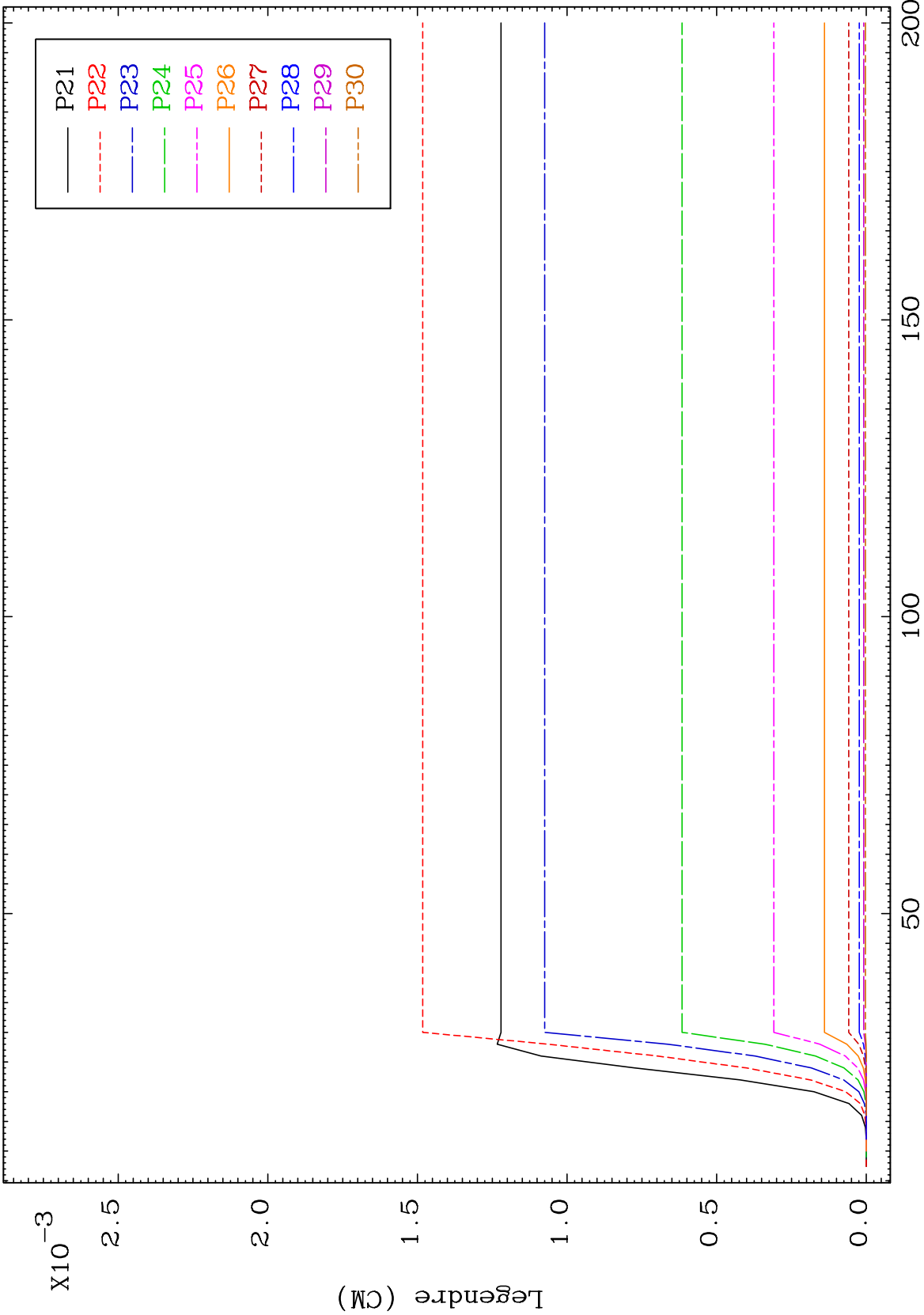
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193

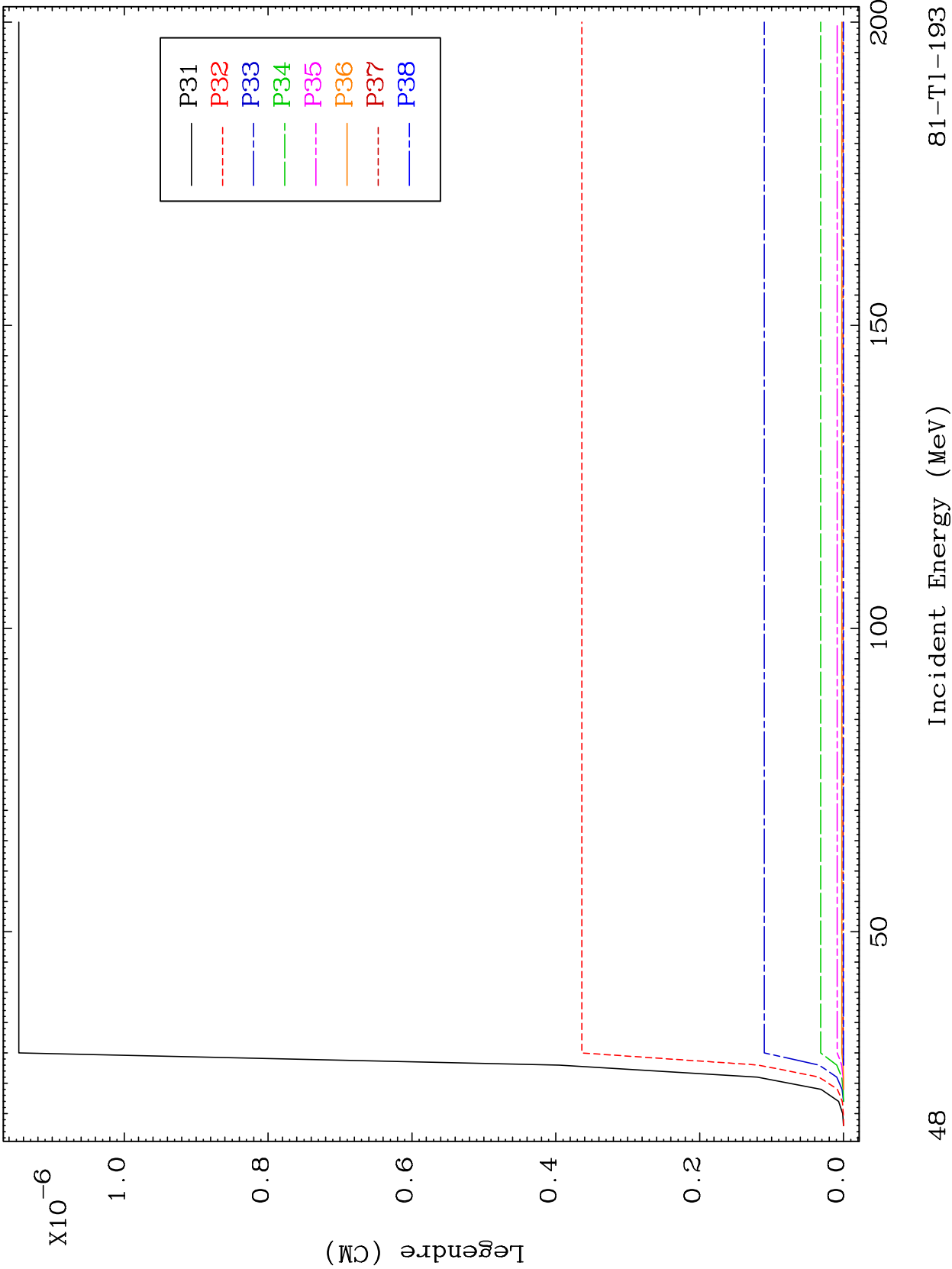


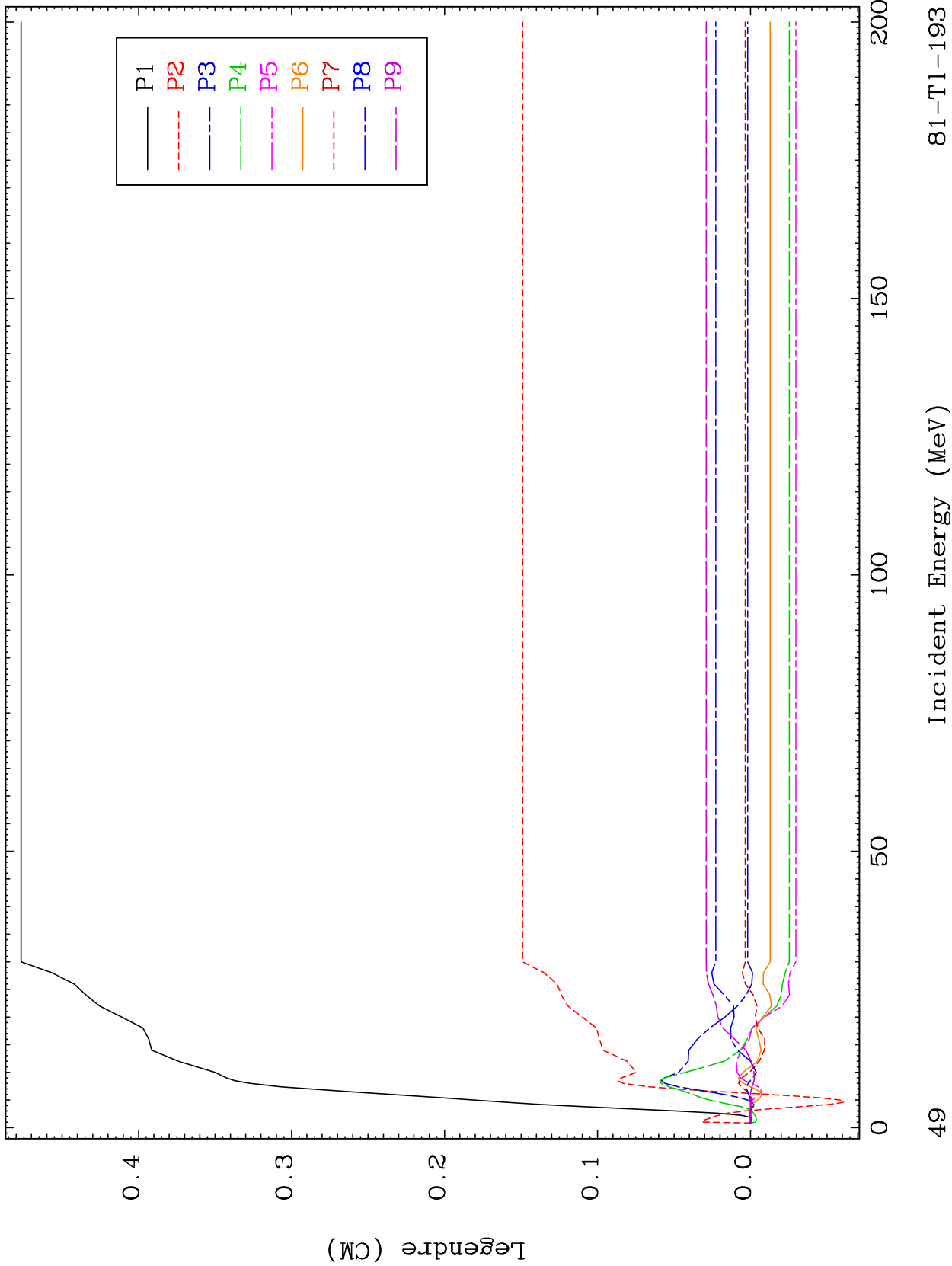
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Incident Energy (MeV)

81-T1-193



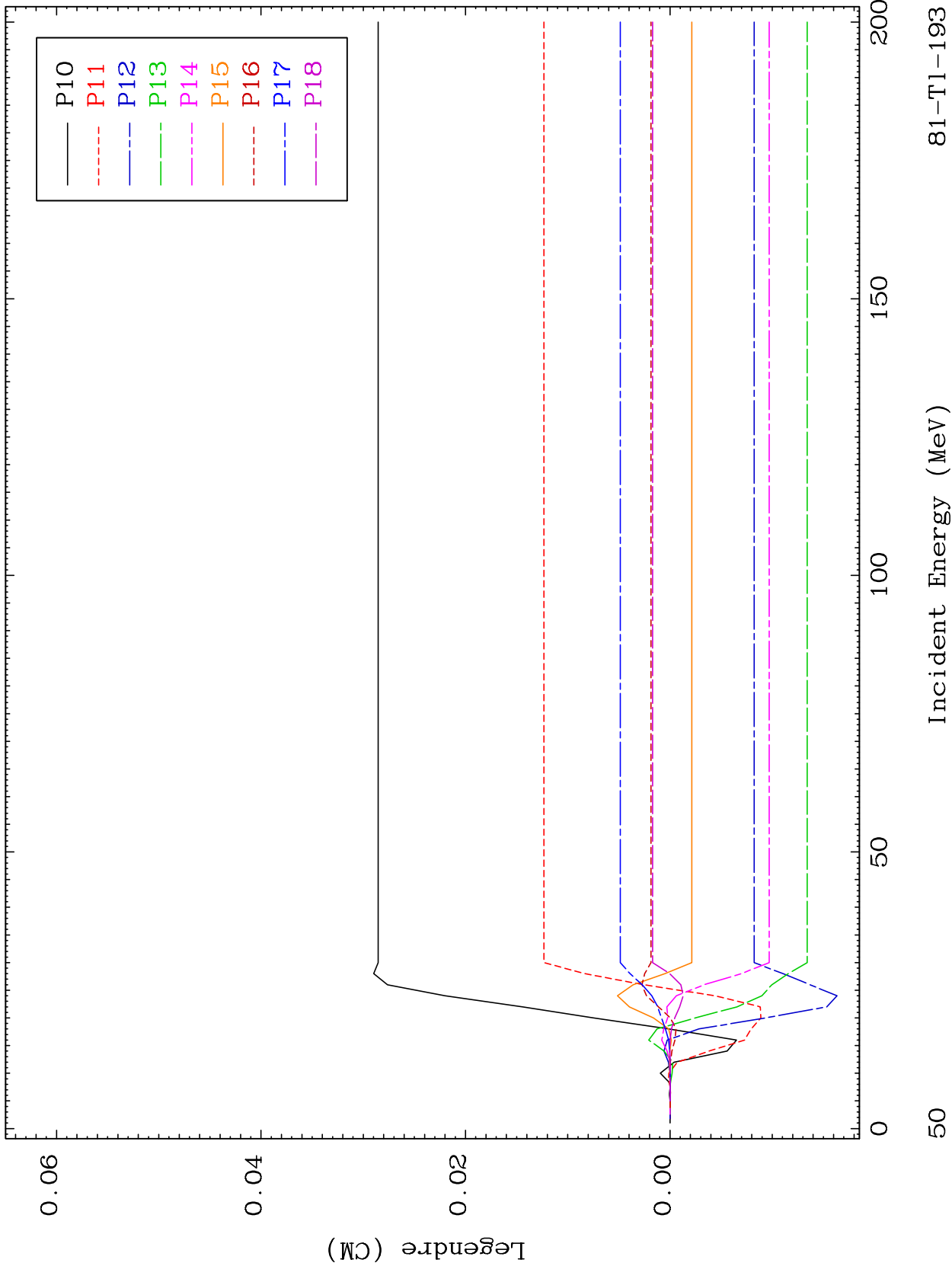




MAT 8095

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

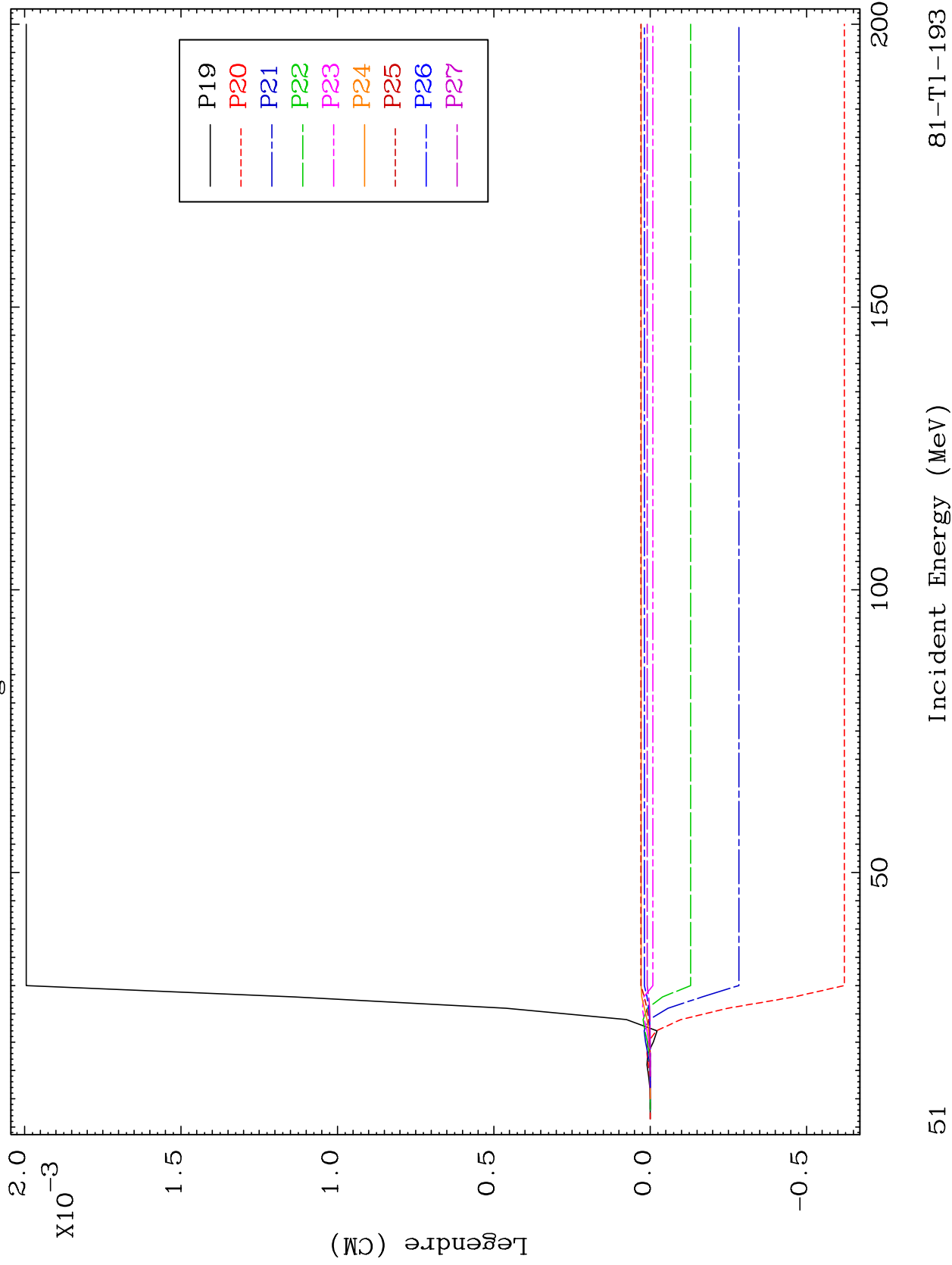
81-Tl-193



81-Tl-193

Incident Energy (MeV)

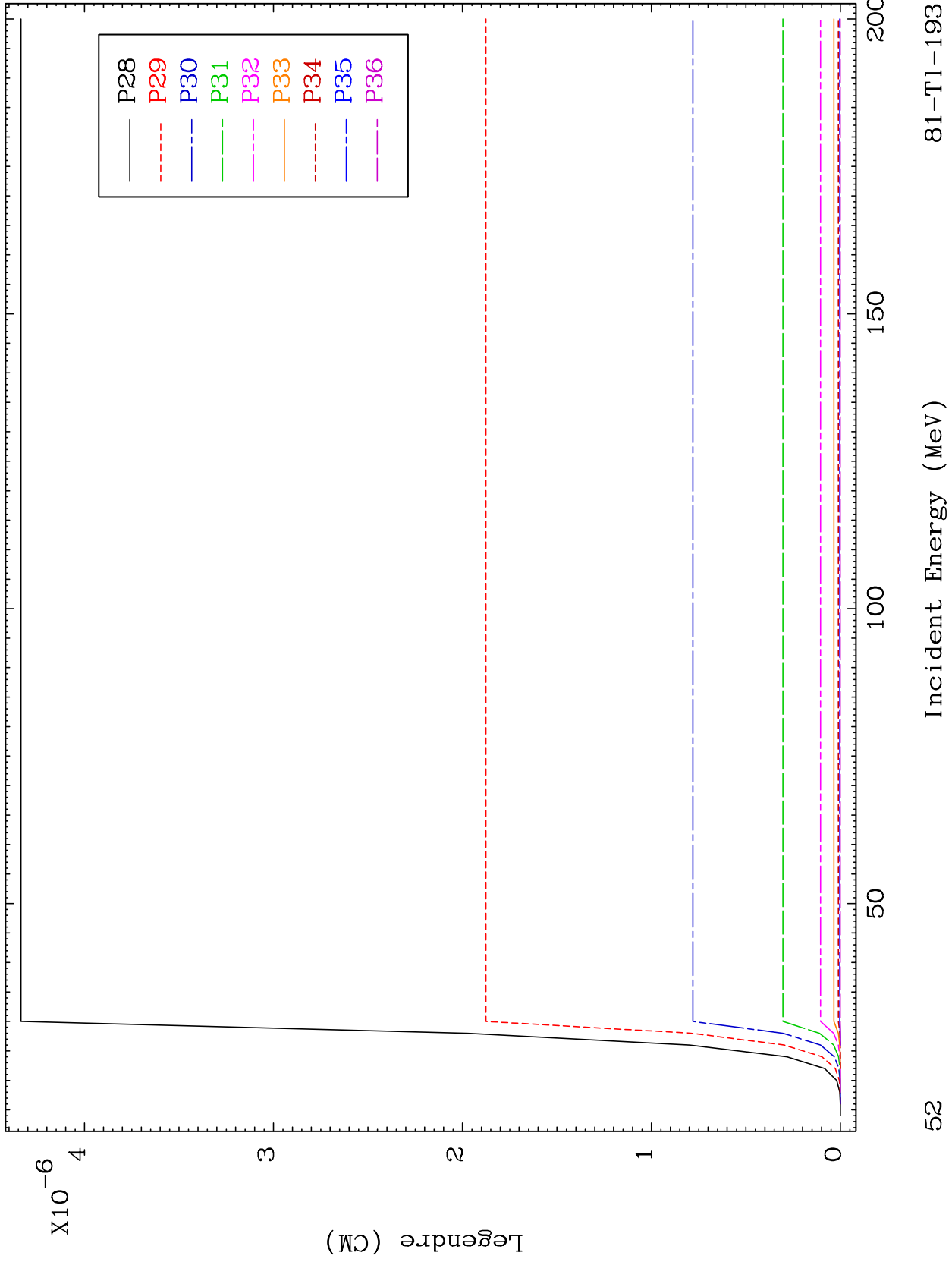
50



MAT 8095

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

81-Tl-193



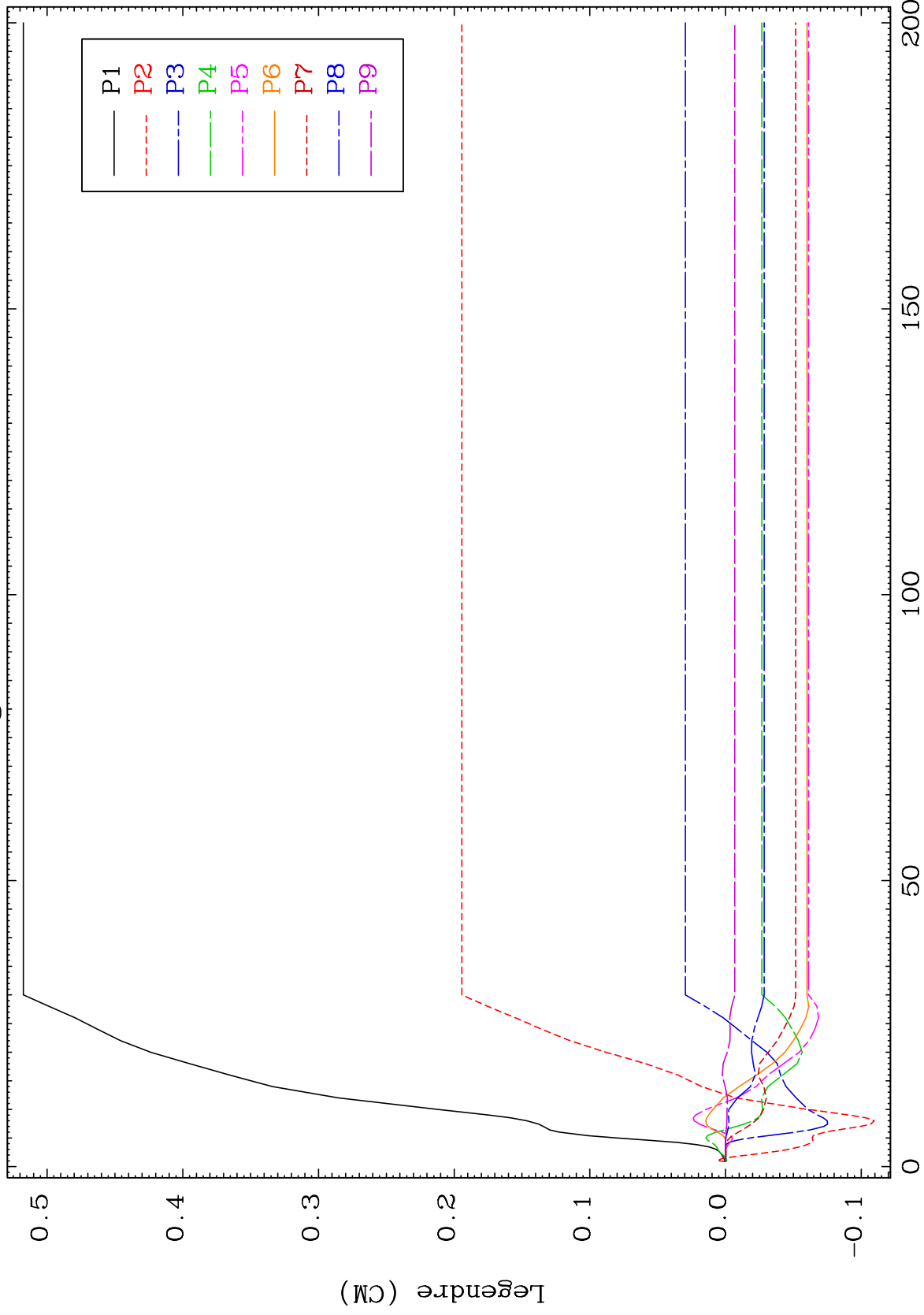
52

81-Tl-193

MAT 8095

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

81-Tl-193



53

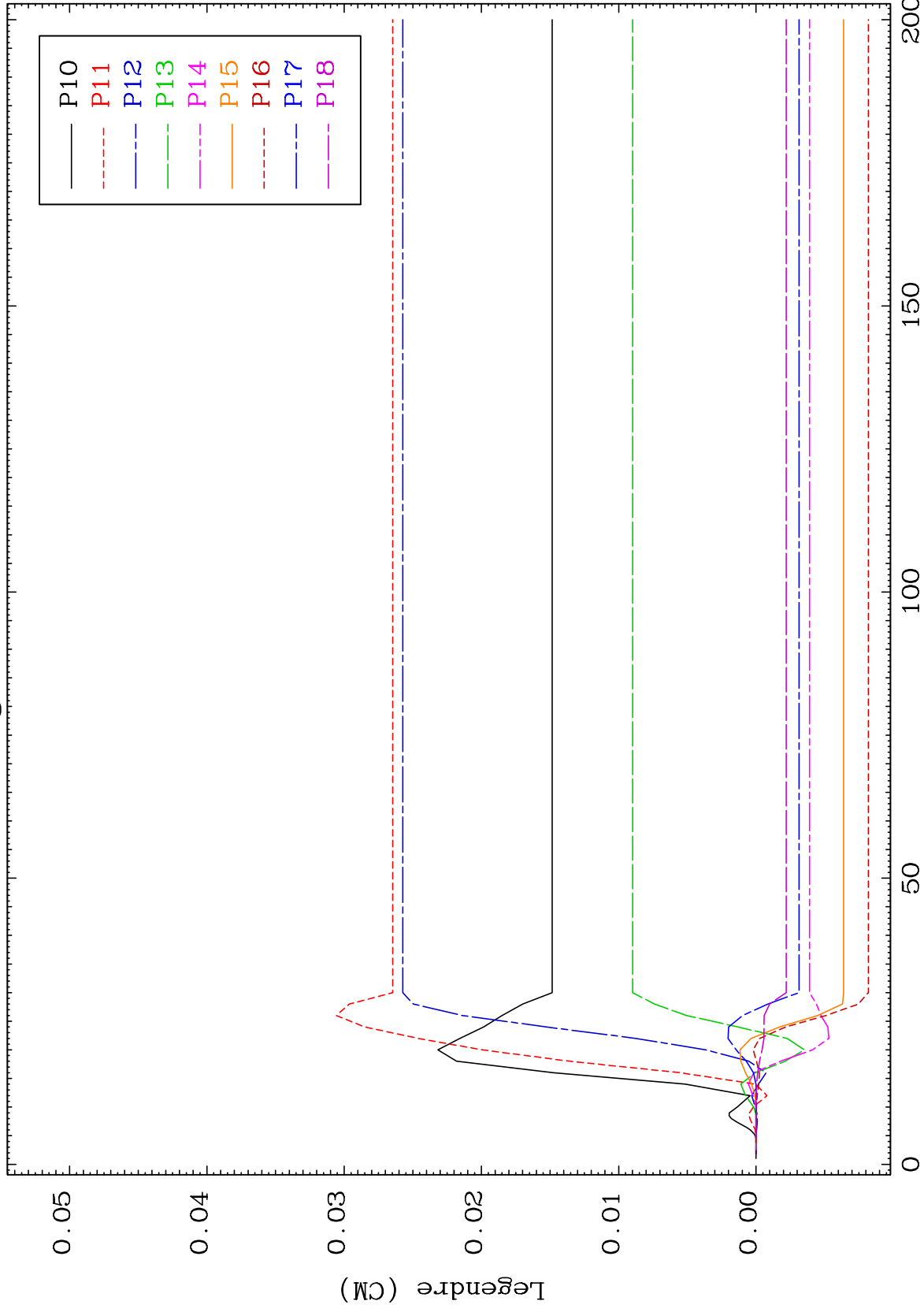
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

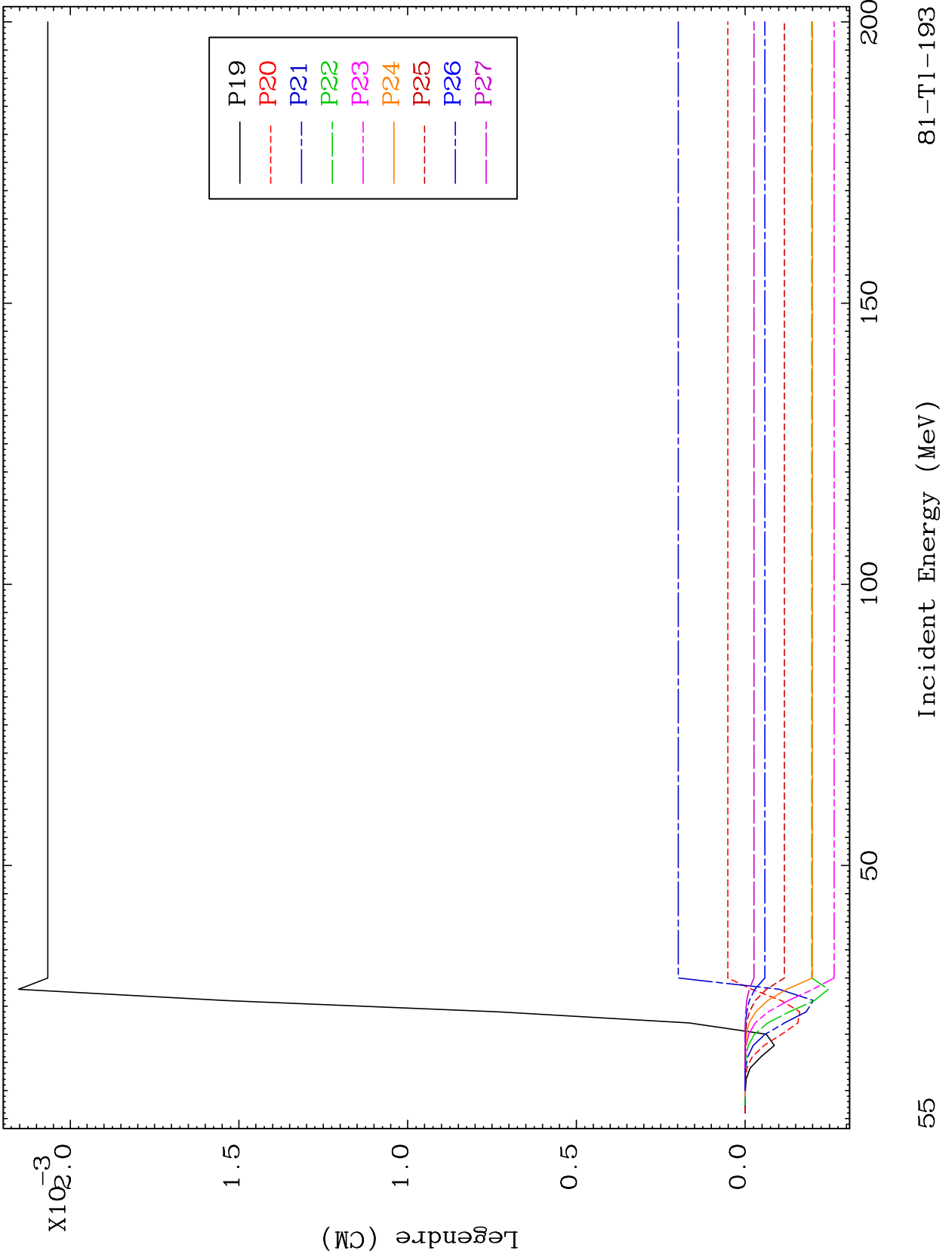
81-Tl-193



54

Incident Energy (MeV)

81-Tl-193

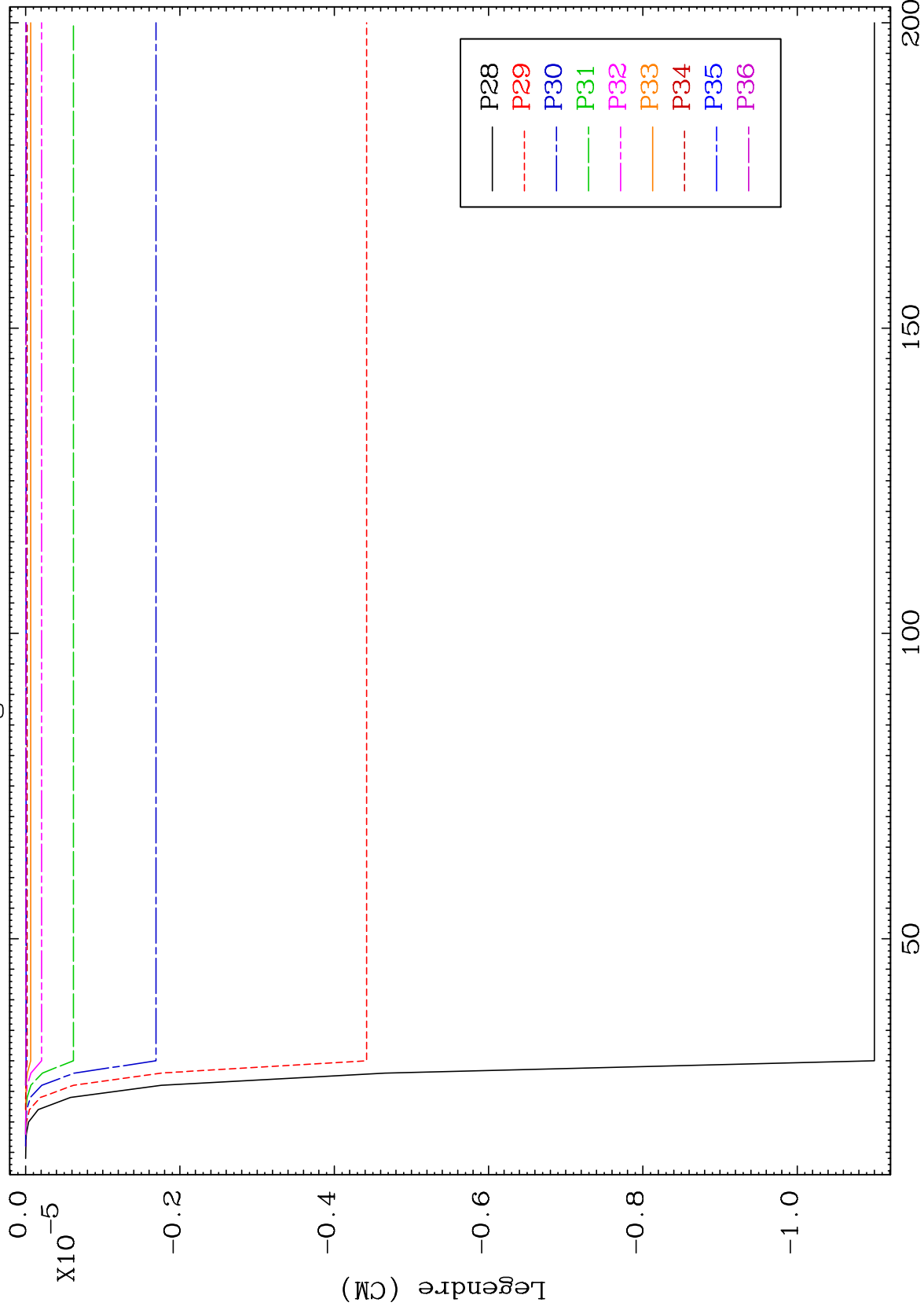




MAT 8095

81-Tl-193

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



56

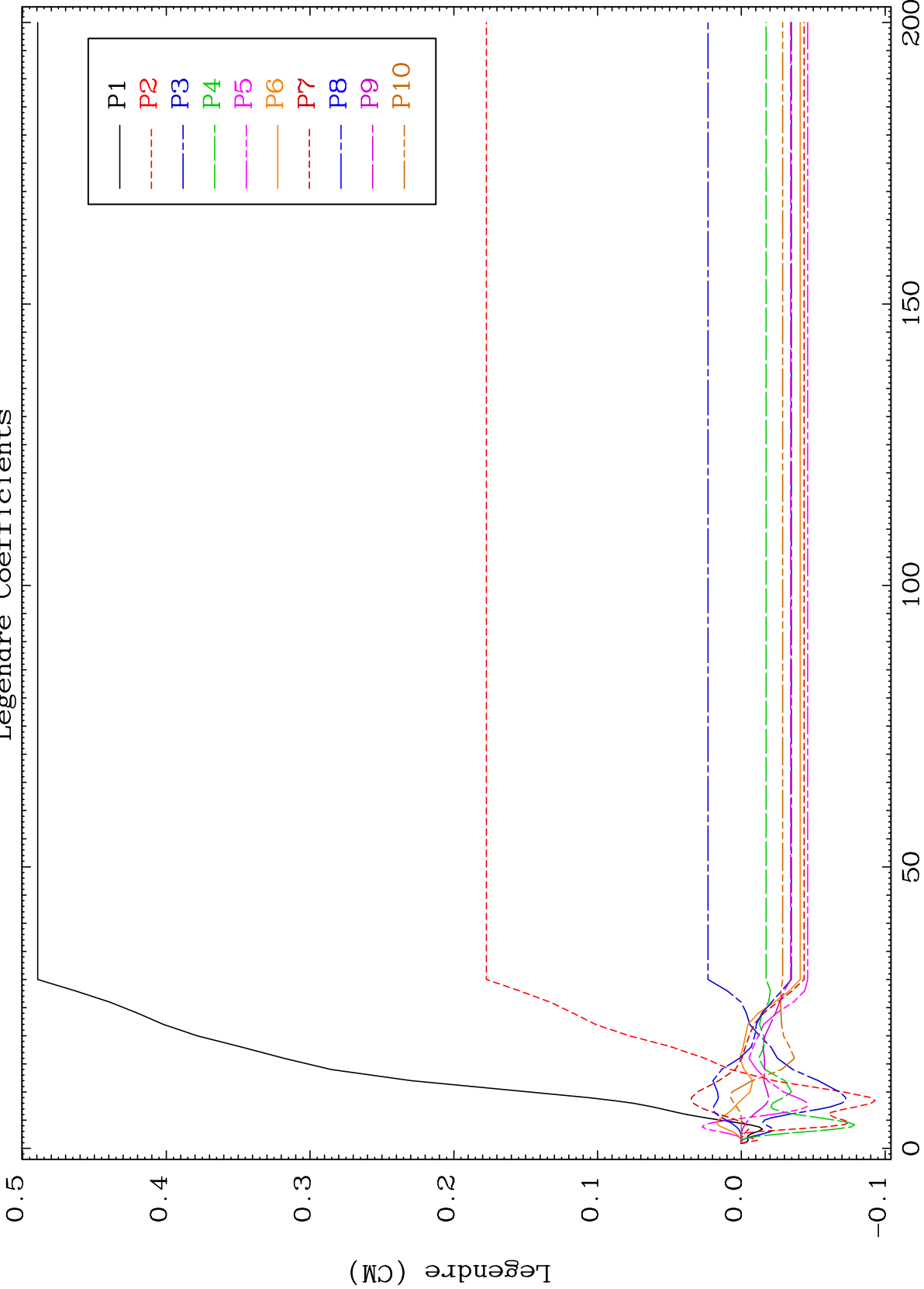
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



57

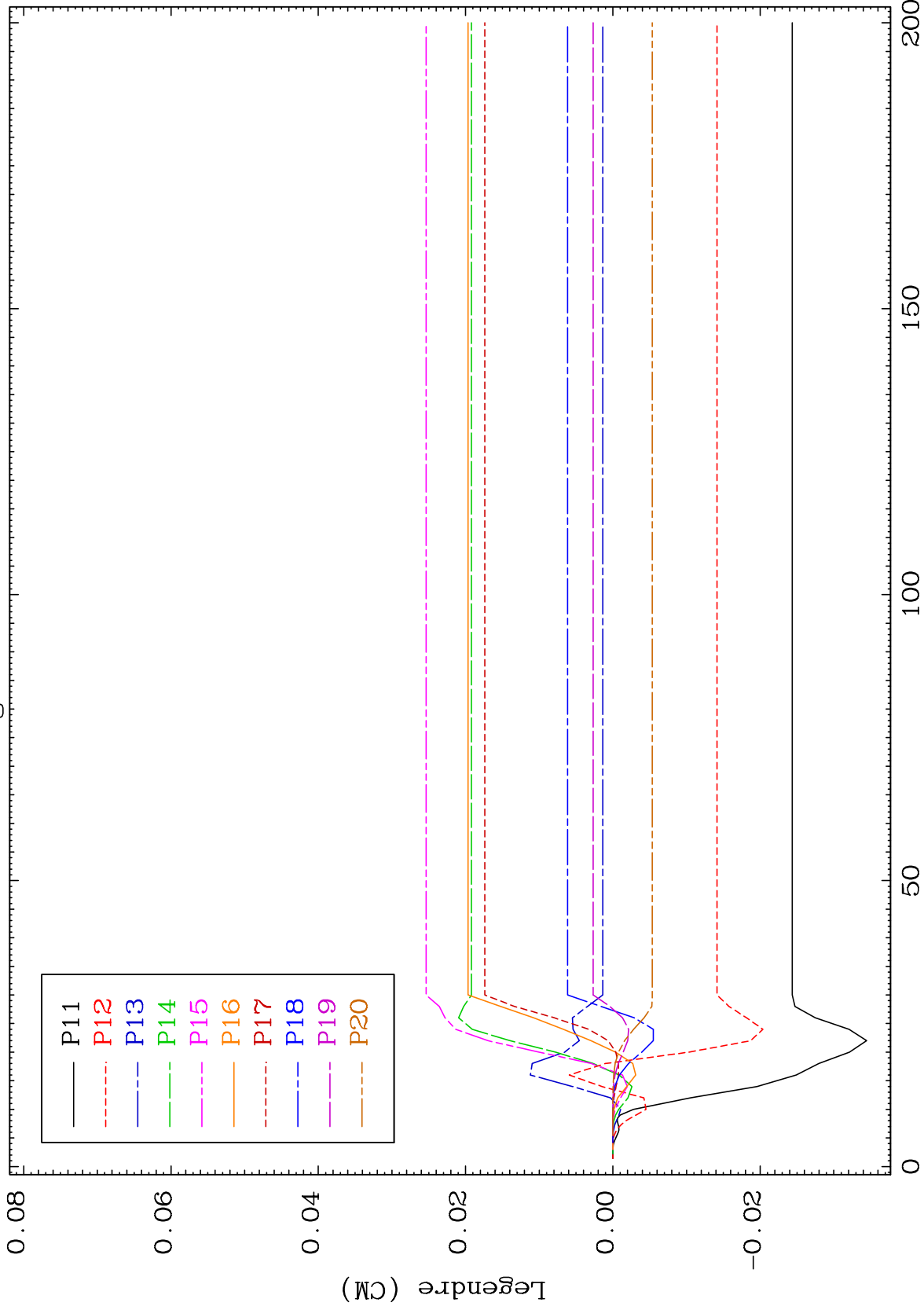
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



58

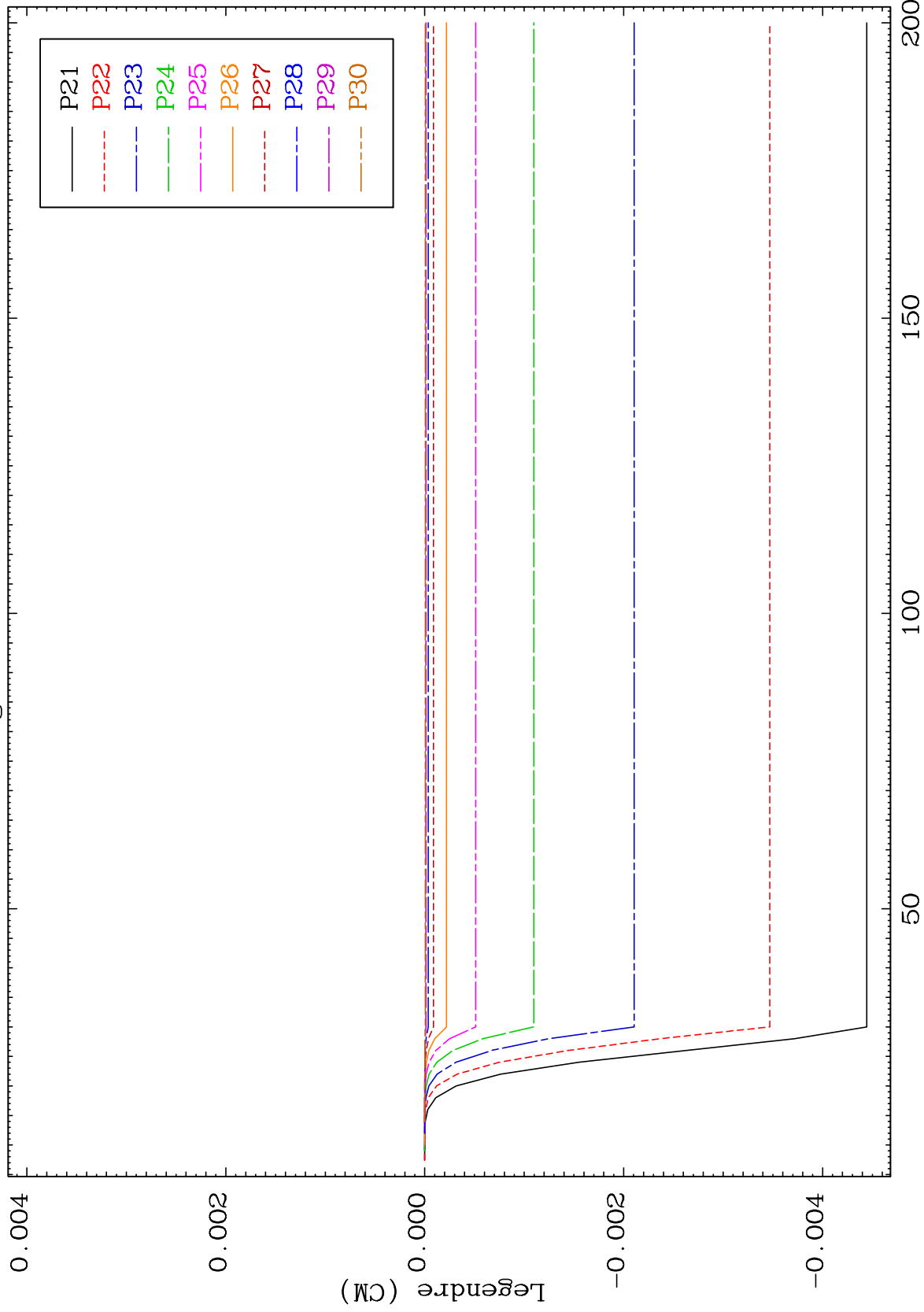
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

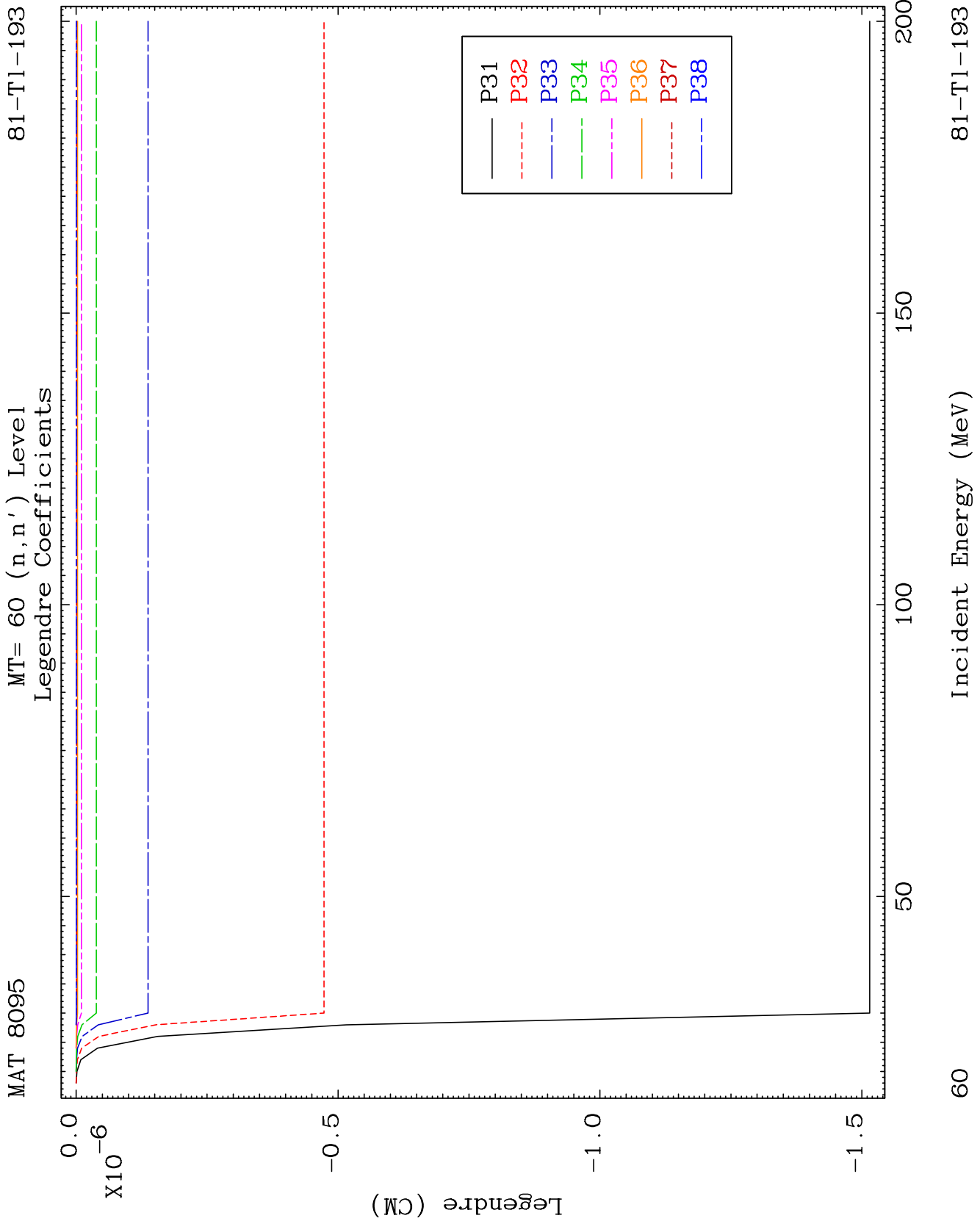
81-T1-193



59

Incident Energy (MeV)

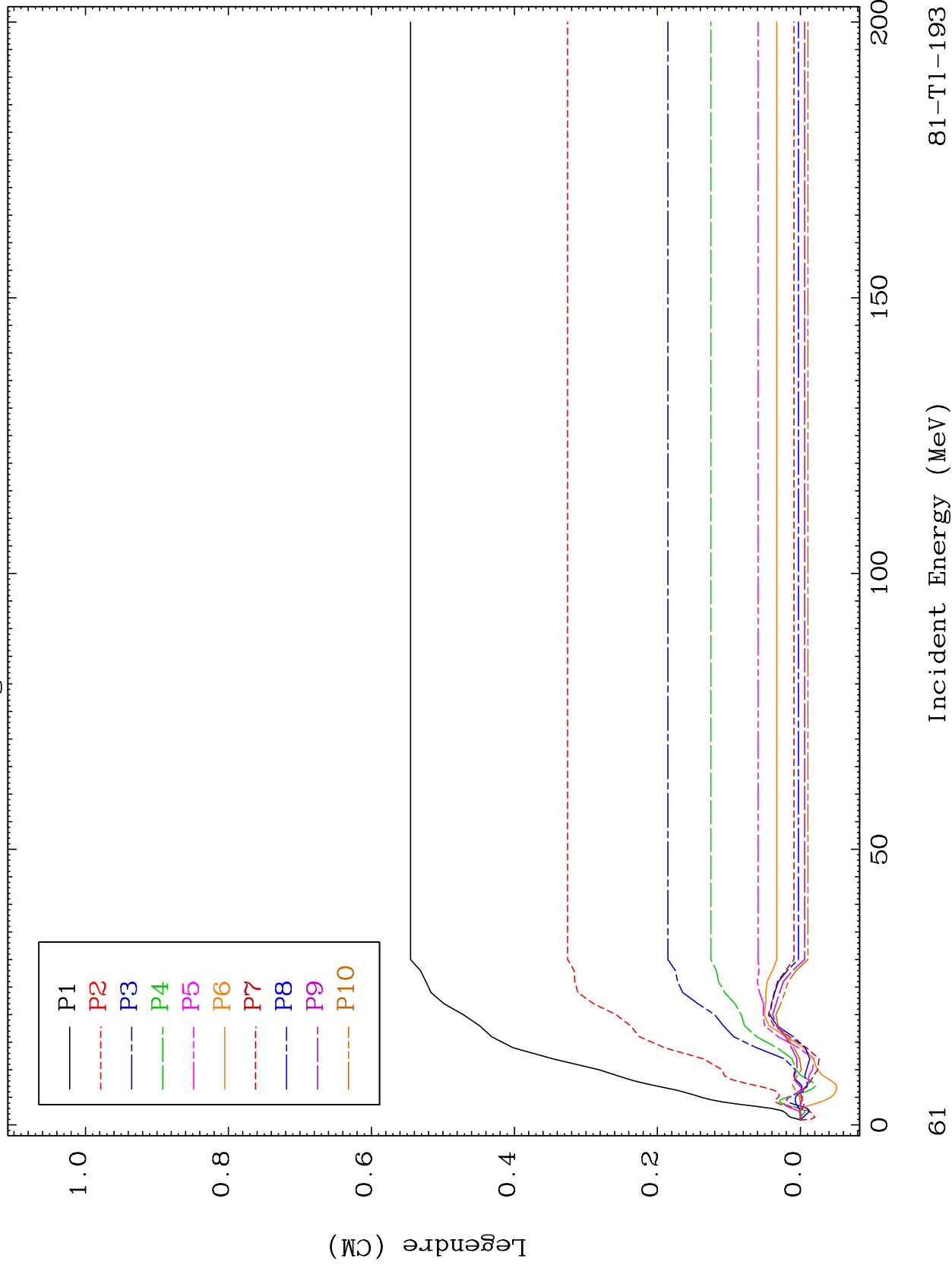
81-T1-193



MAT 8095

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

81-Tl-193



81-Tl-193

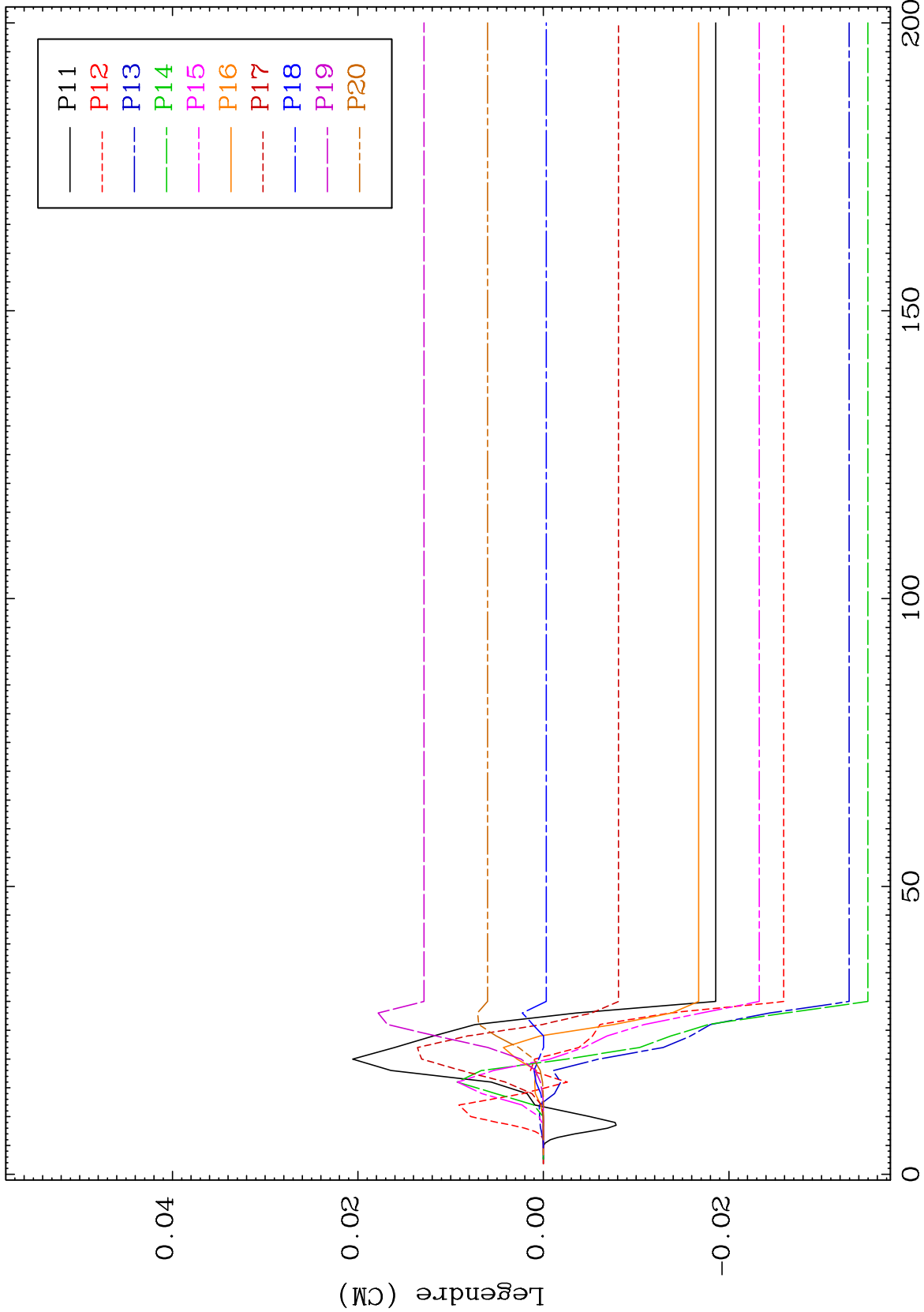
Incident Energy (MeV)

61

MAT 8095

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

81-Tl-193



62

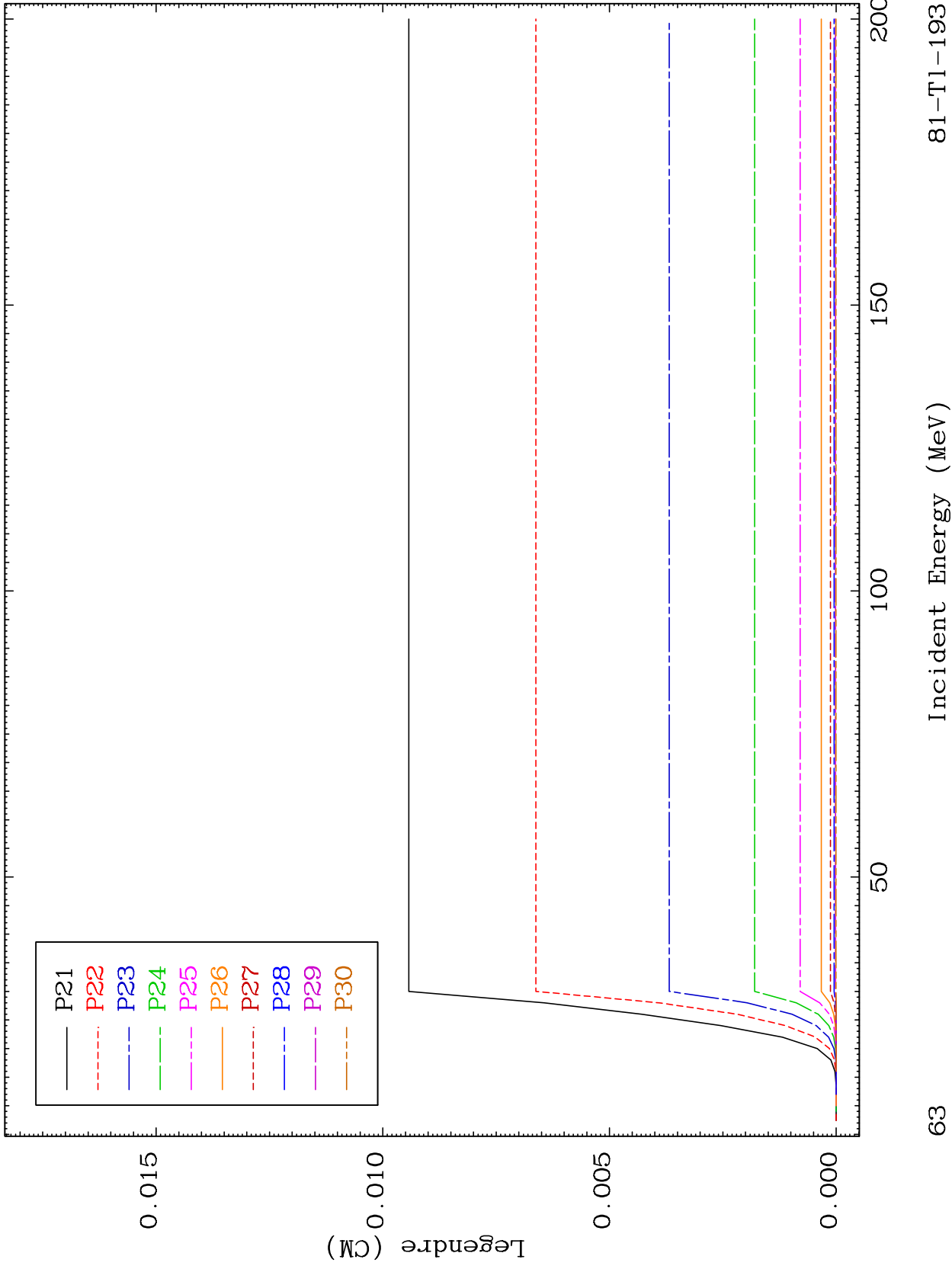
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



63

Incident Energy (MeV)

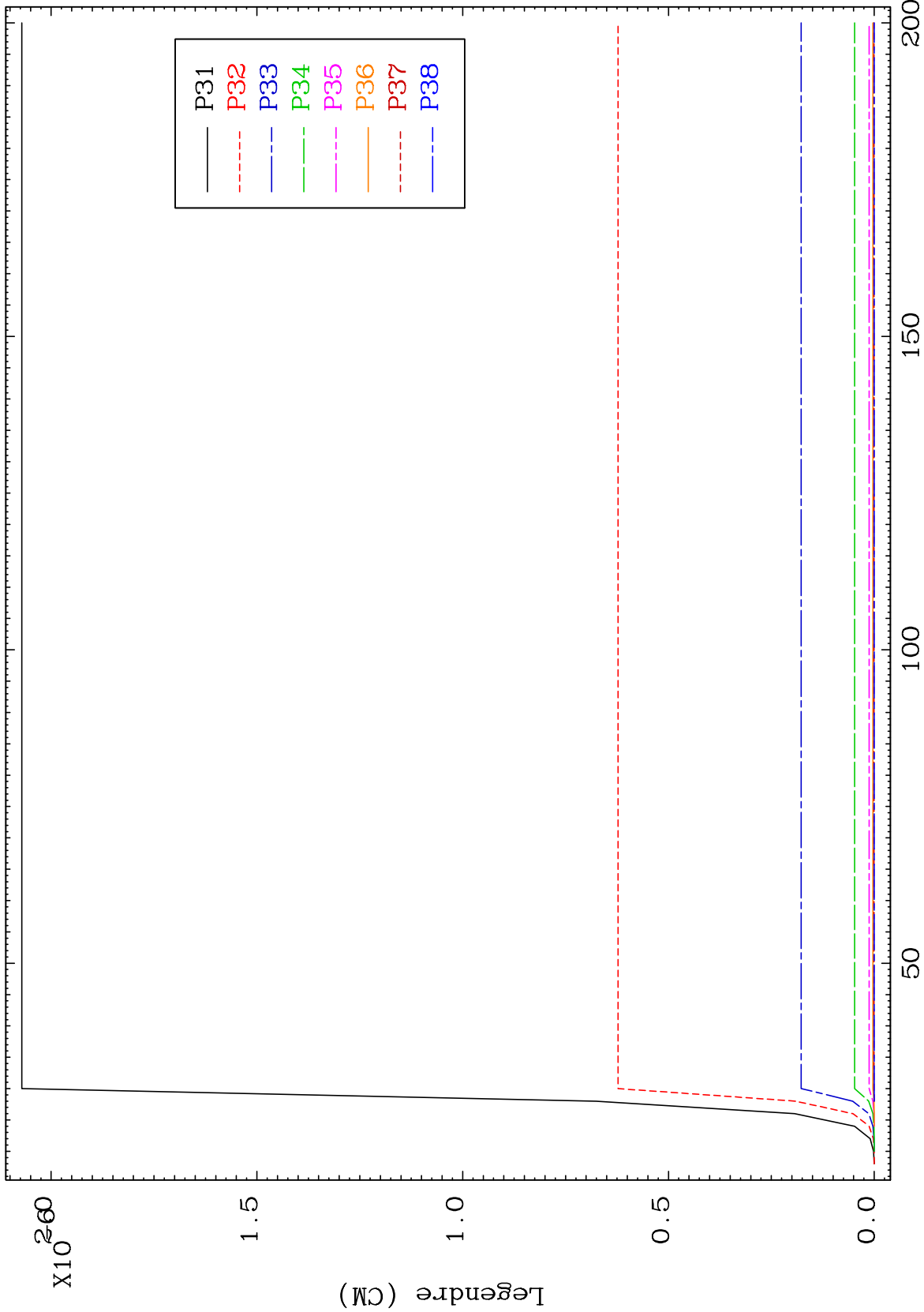
81-Tl-193



MAT 8095

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

81-T1-193



64

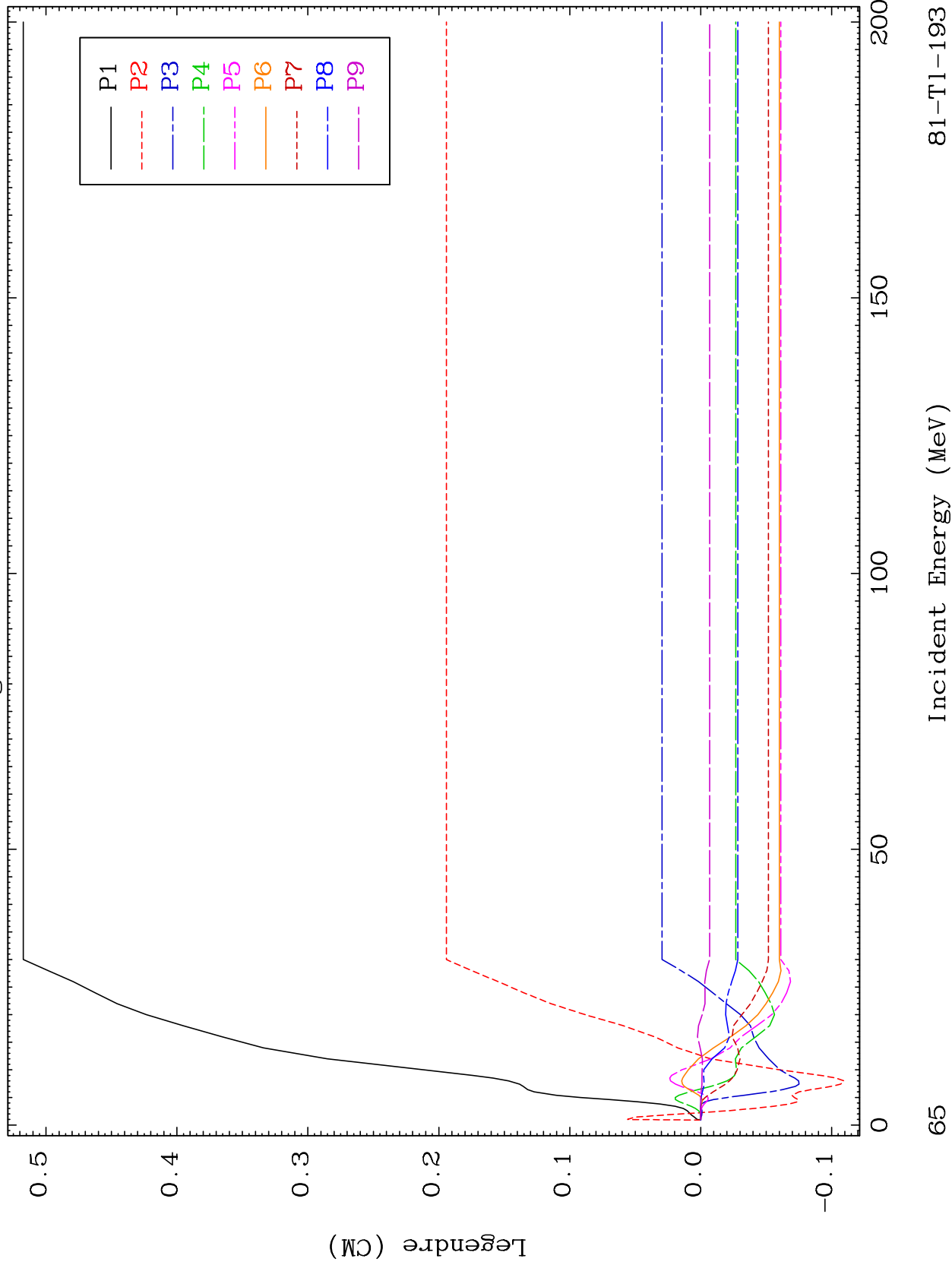
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-T1-193



81-T1-193

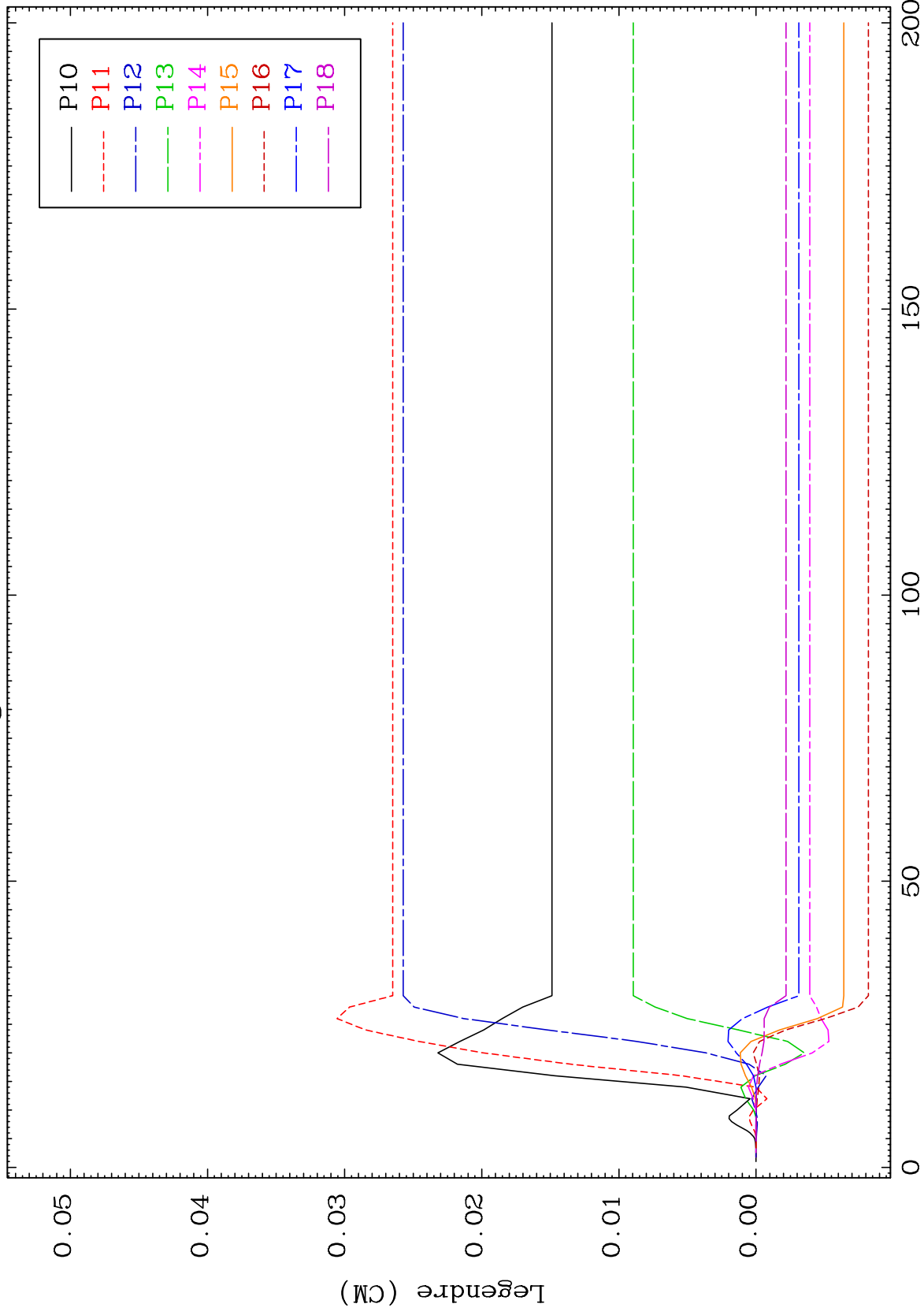
Incident Energy (MeV)

65

MAT 8095

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

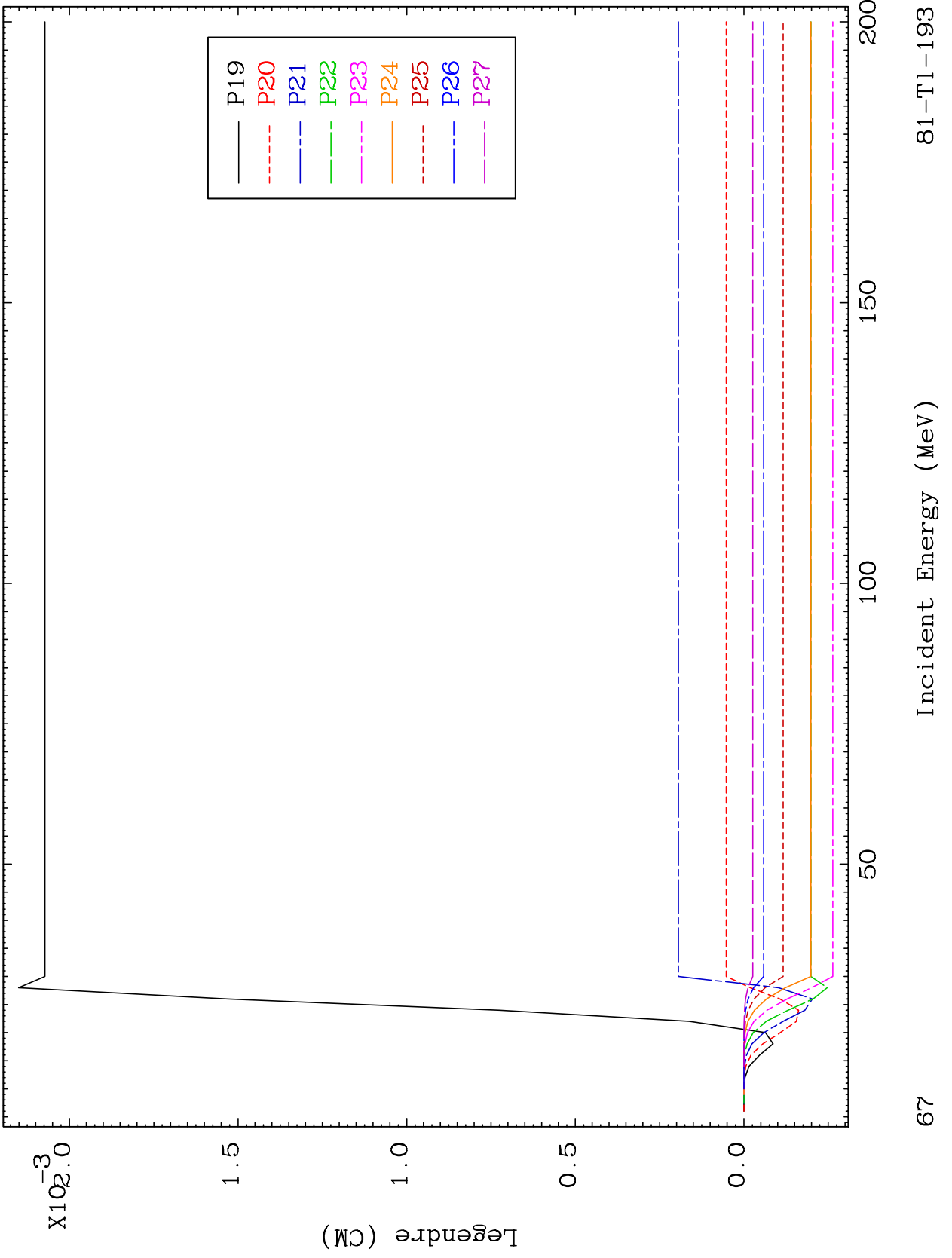
81-Tl-193



66

Incident Energy (MeV)

81-Tl-193

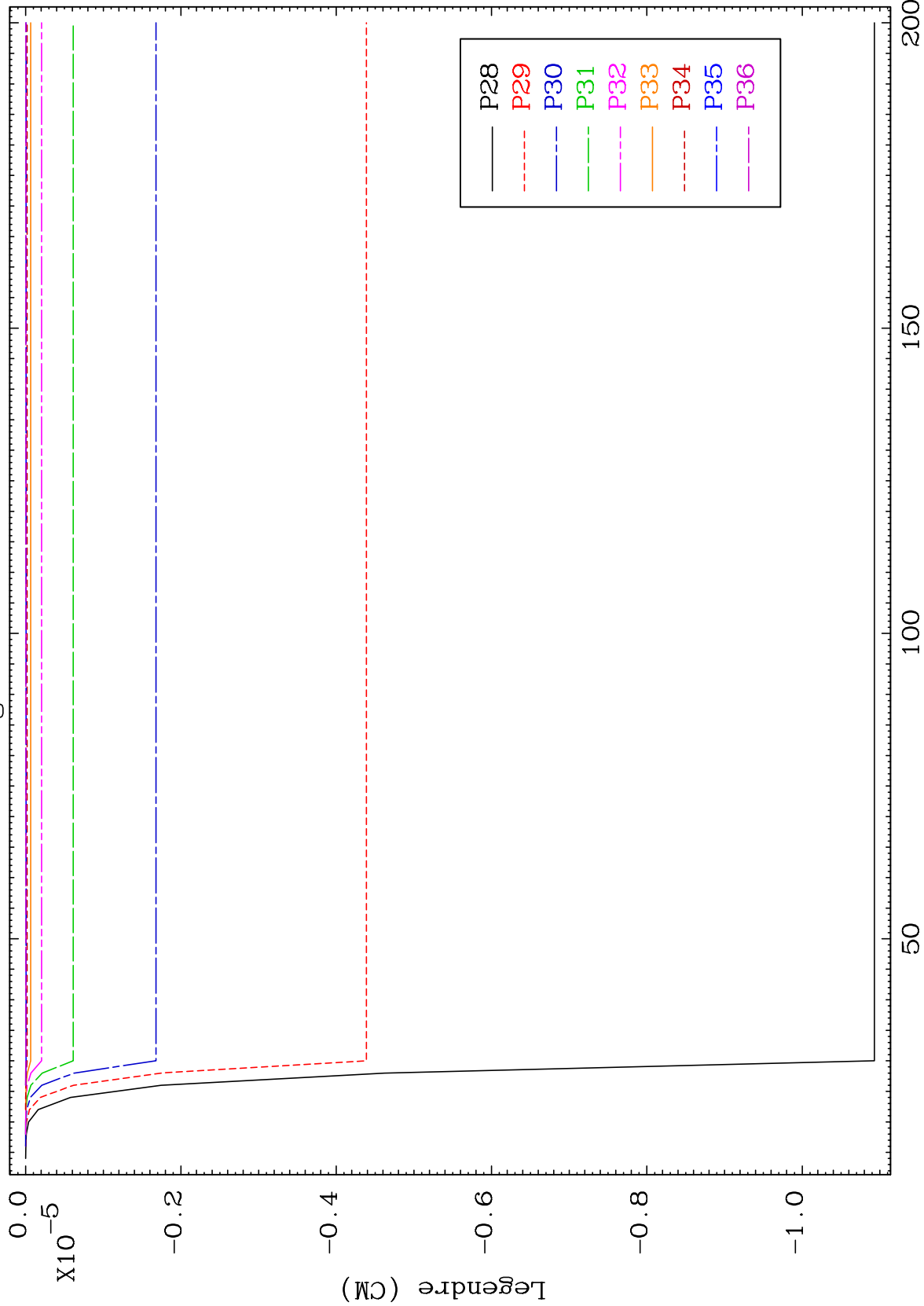


MAT 8095

MT= 62 (n,n') Level

81-Tl-193

Legendre Coefficients



68

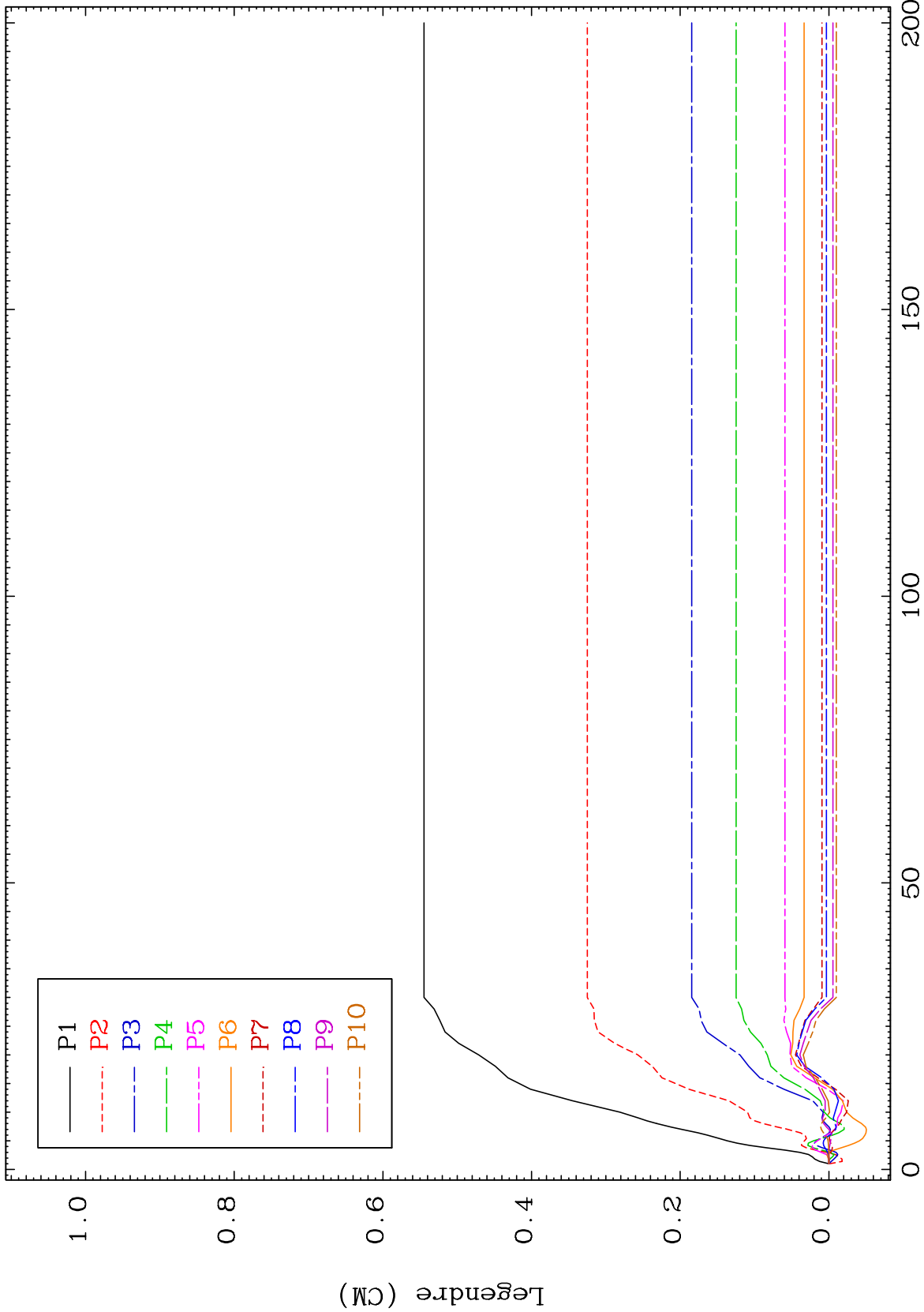
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193



69

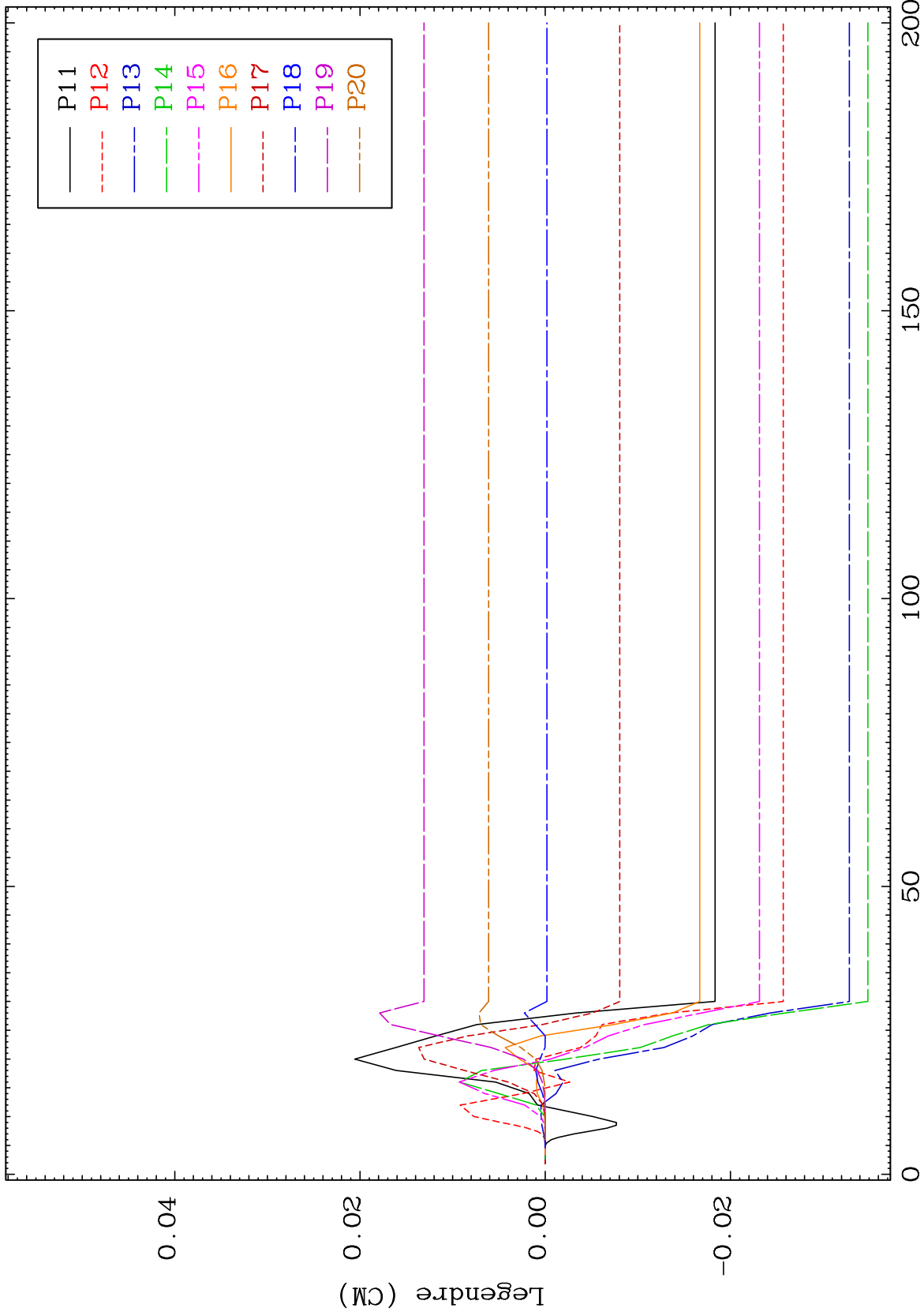
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-T1-193



70

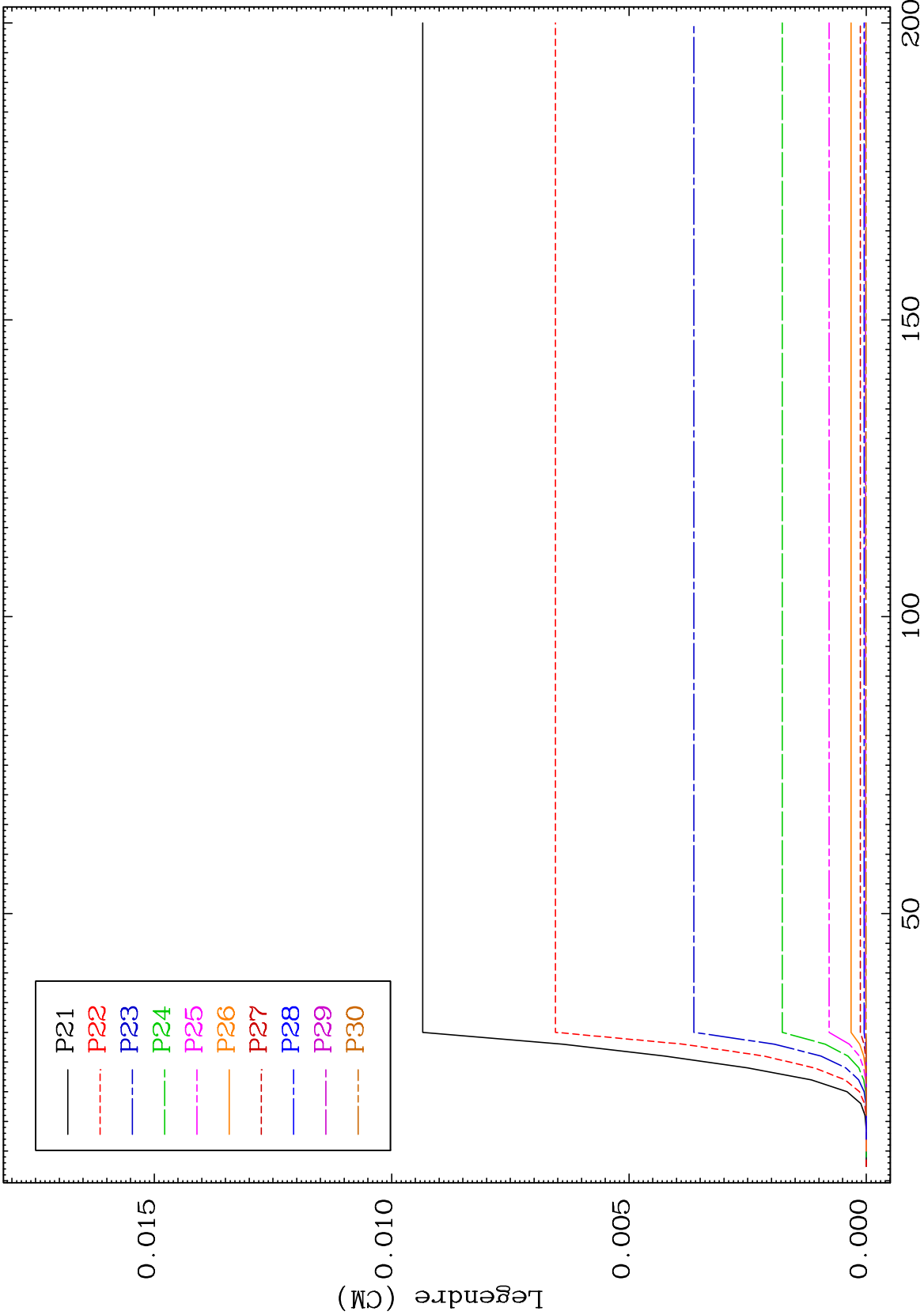
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-Tl-193



71

Incident Energy (MeV)

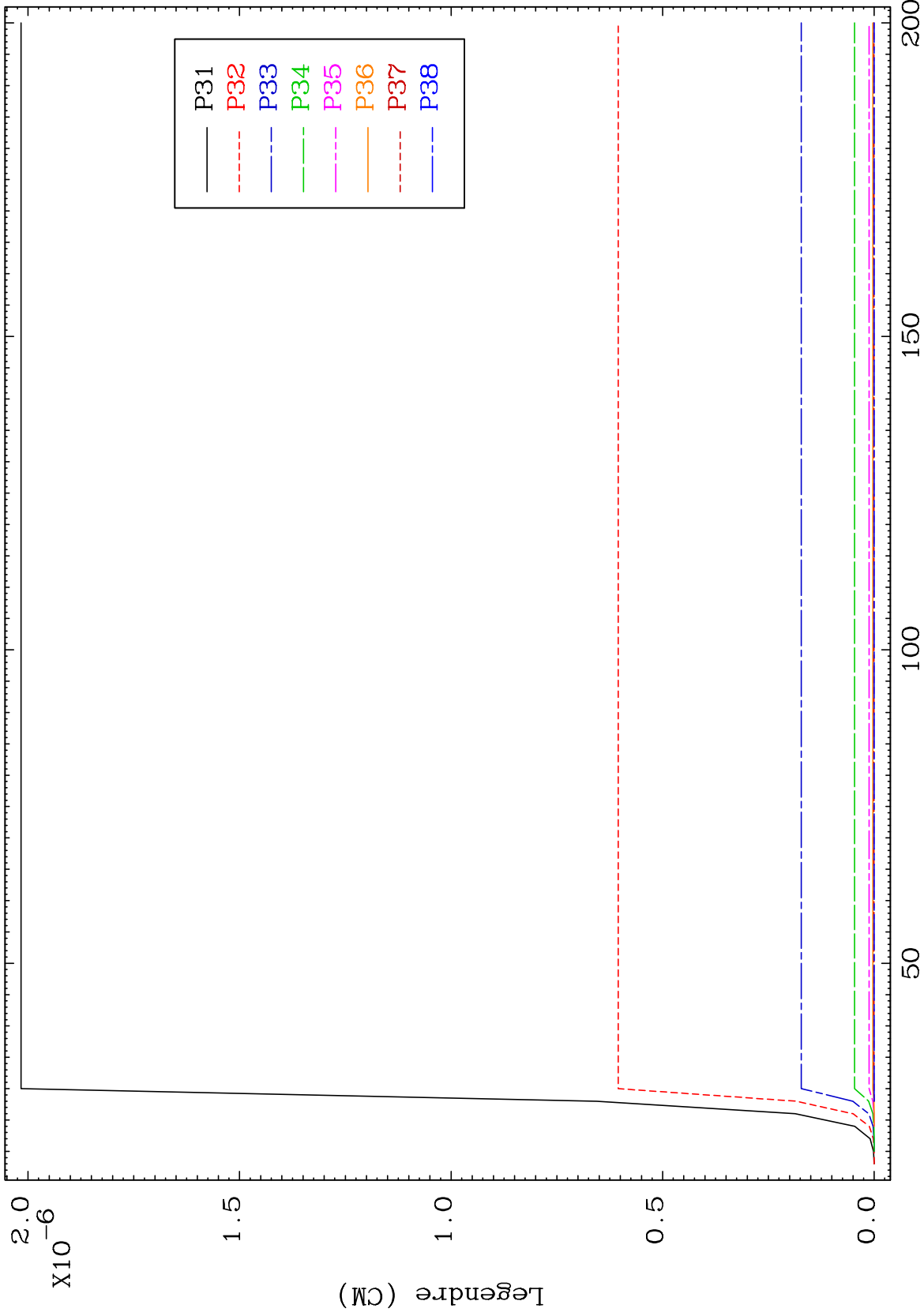
81-Tl-193



MAT 8095

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

81-T1-193



72

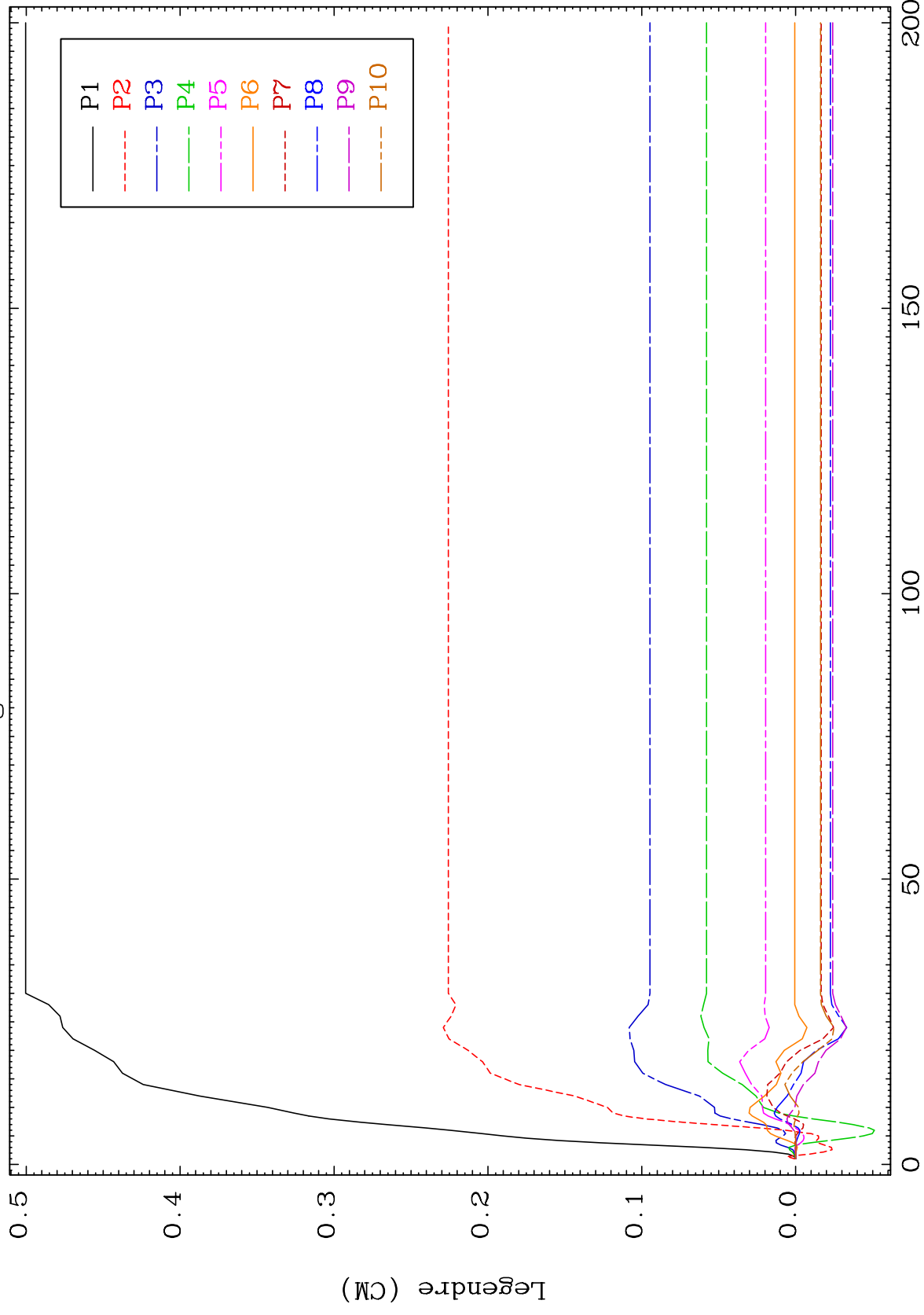
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-T1-193



73

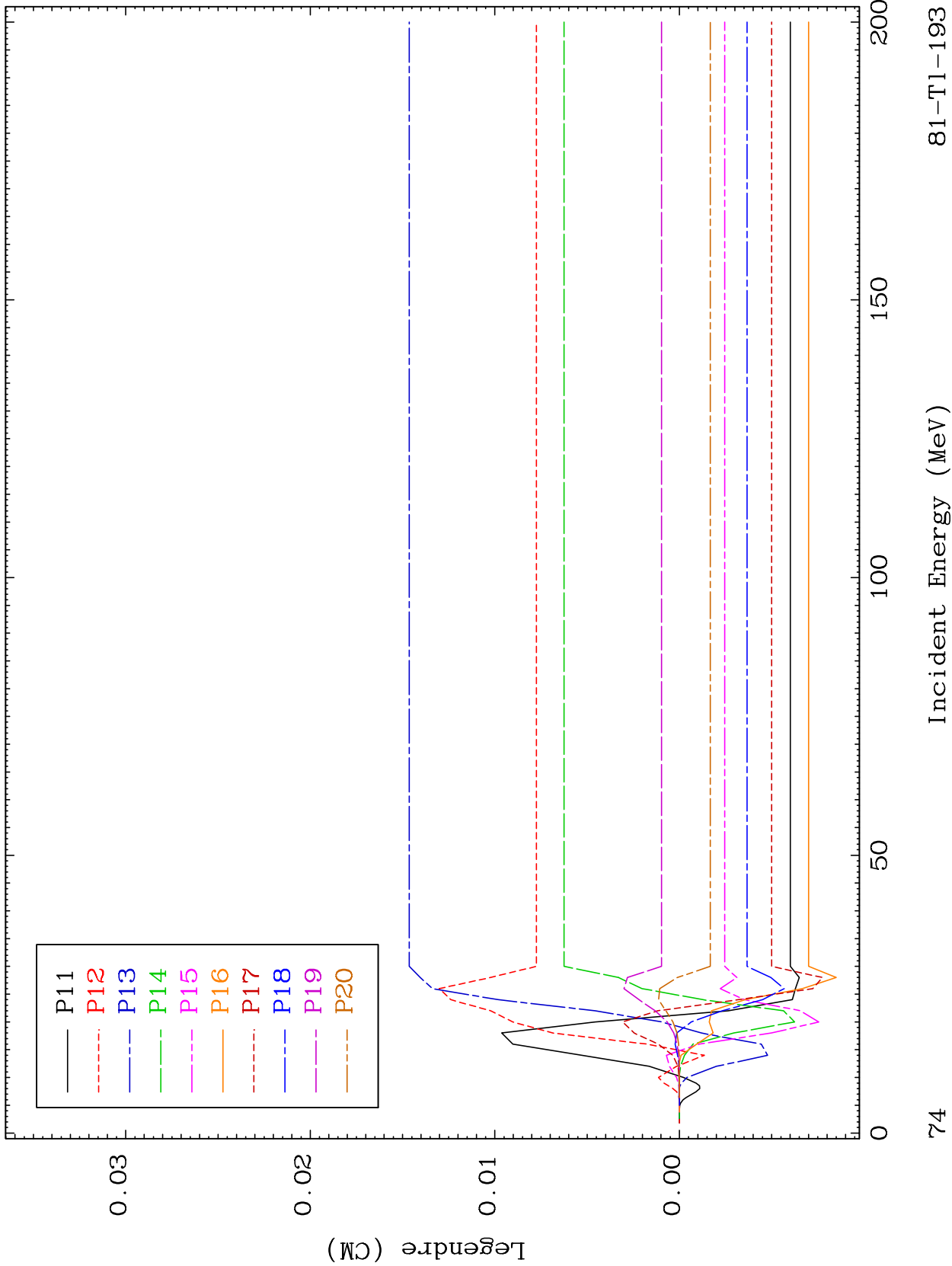
Incident Energy (MeV)

81-T1-193

MAT 8095

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

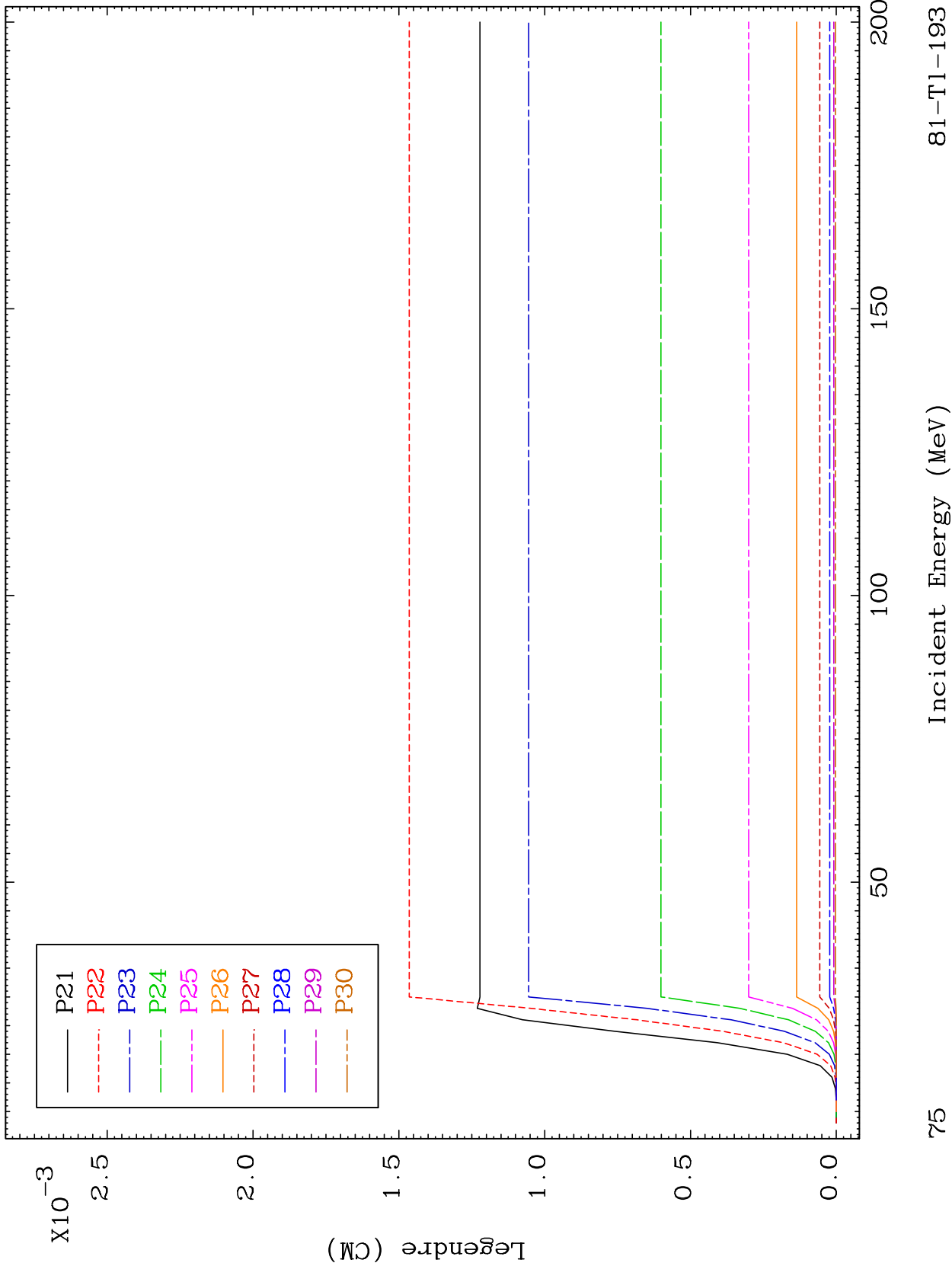
81-T1-193



74

Incident Energy (MeV)

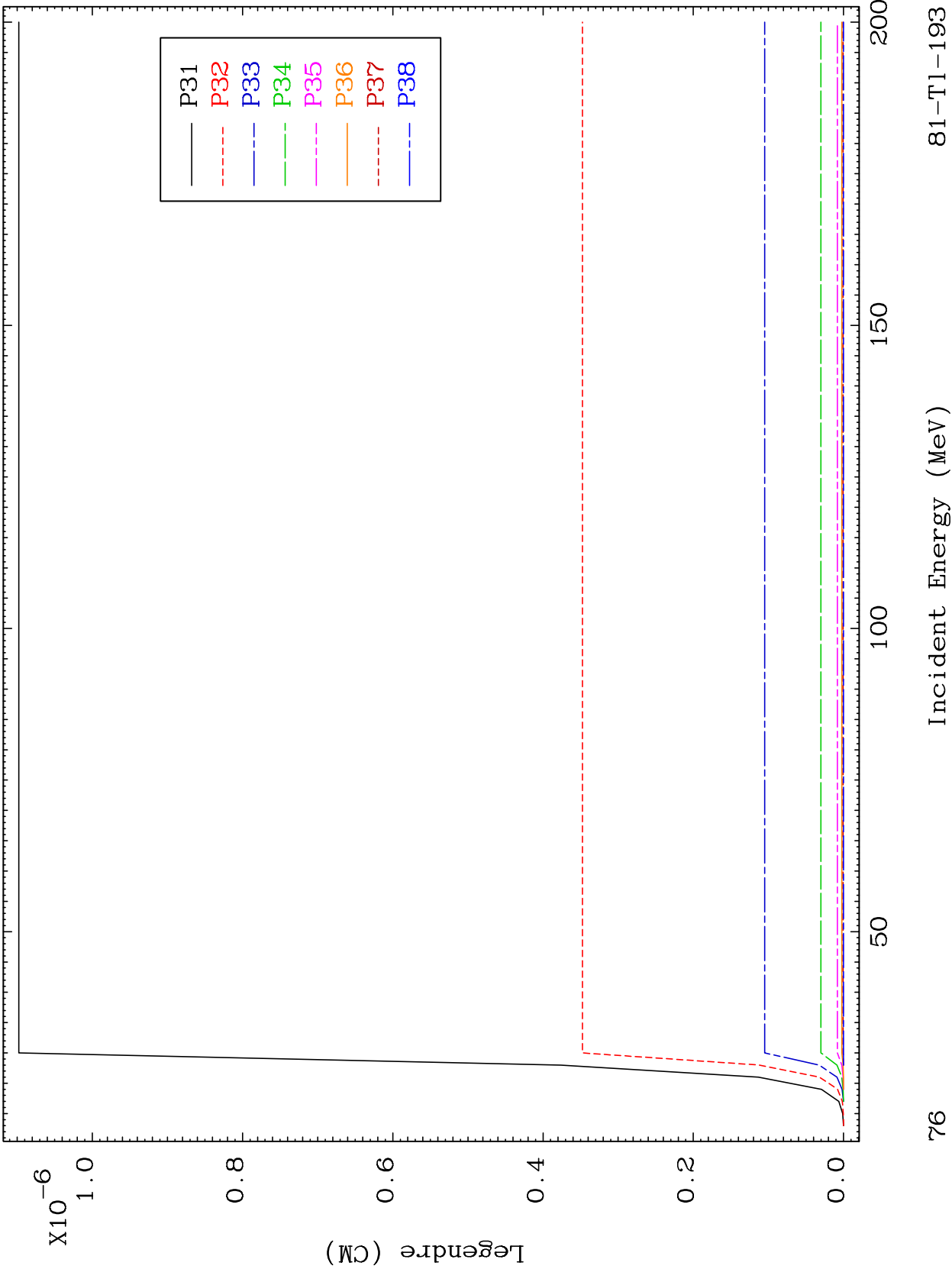
81-T1-193



MAT 8095

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

81-T1-193



76

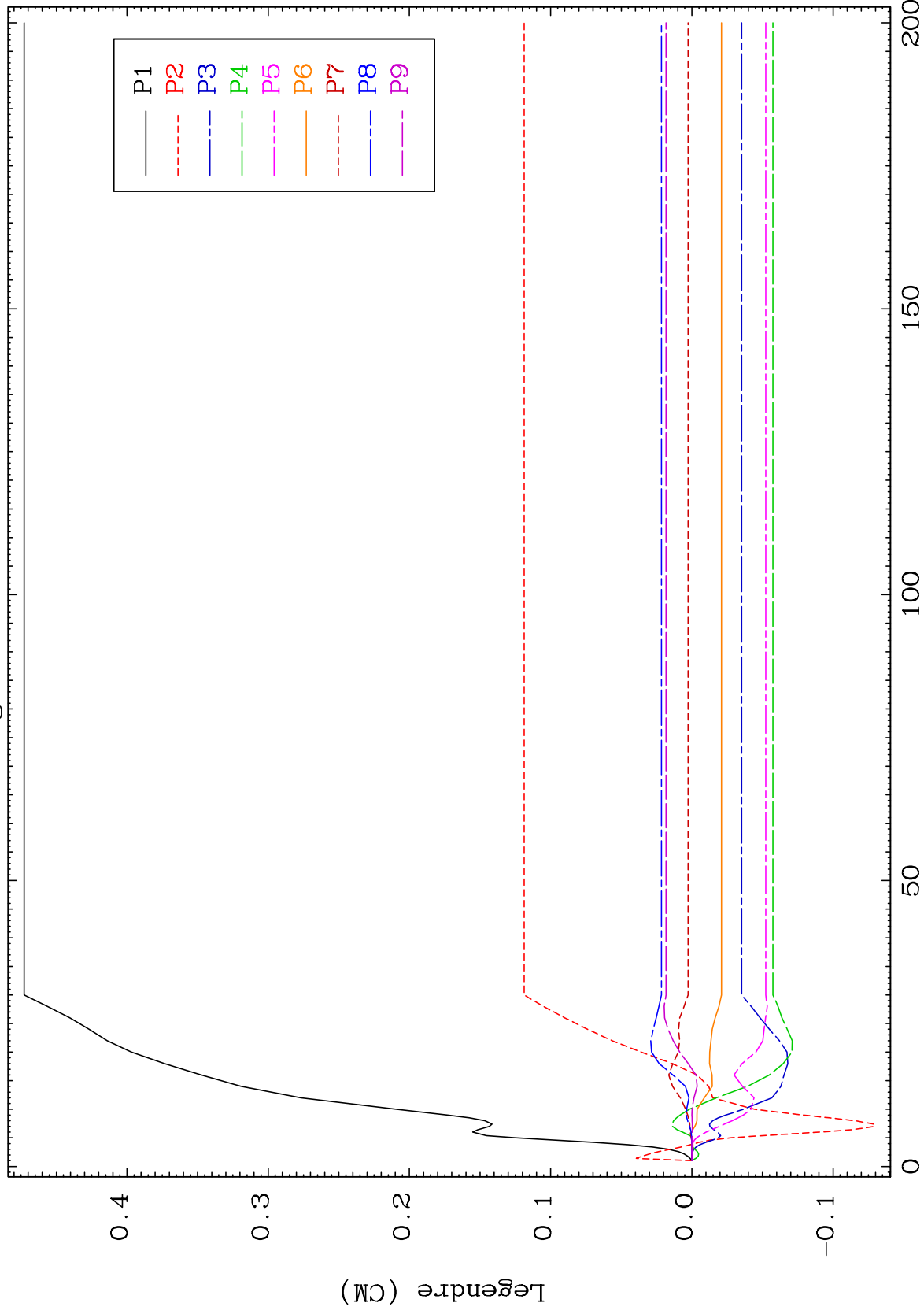
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-T1-193



77

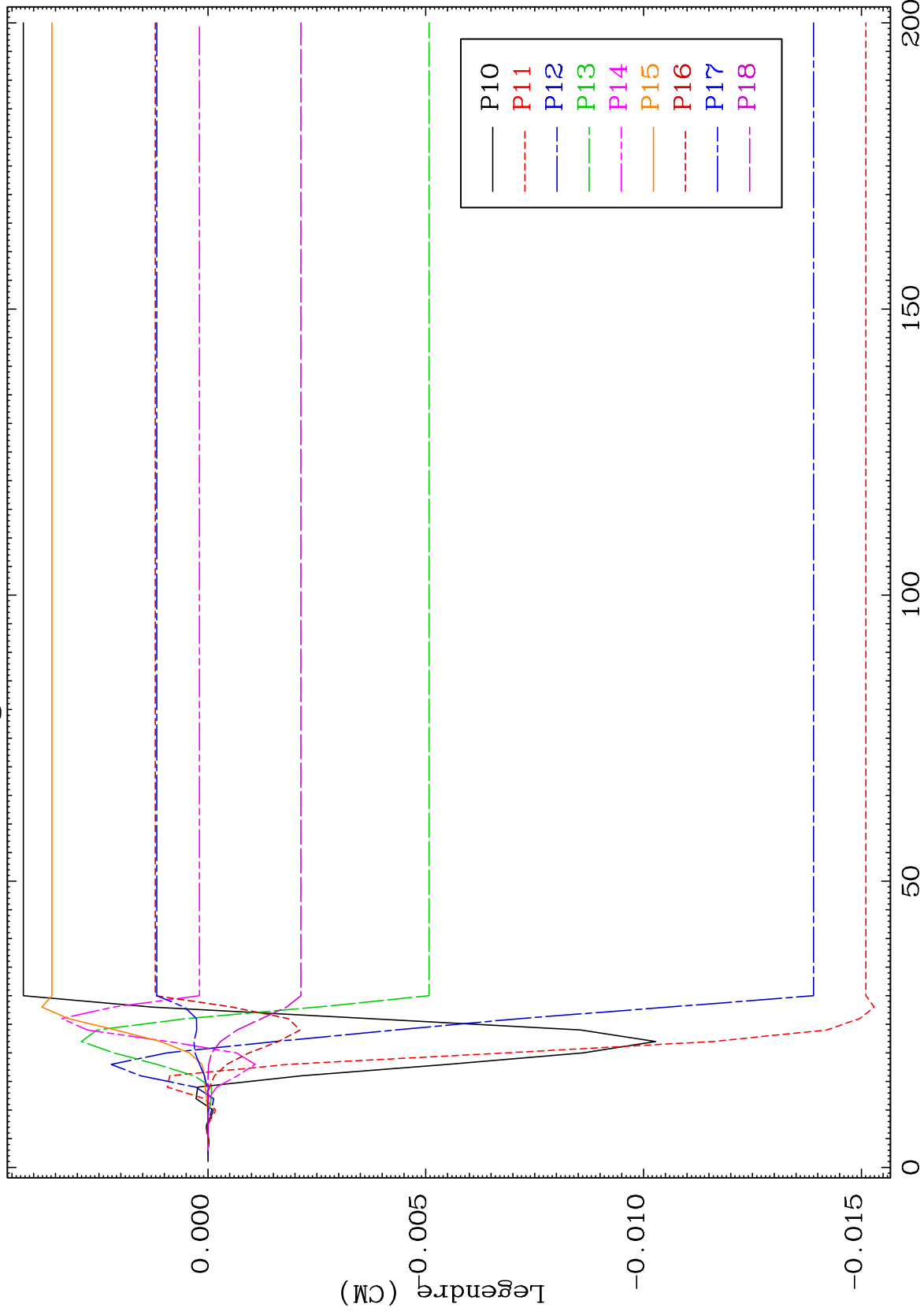
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-T1-193



78

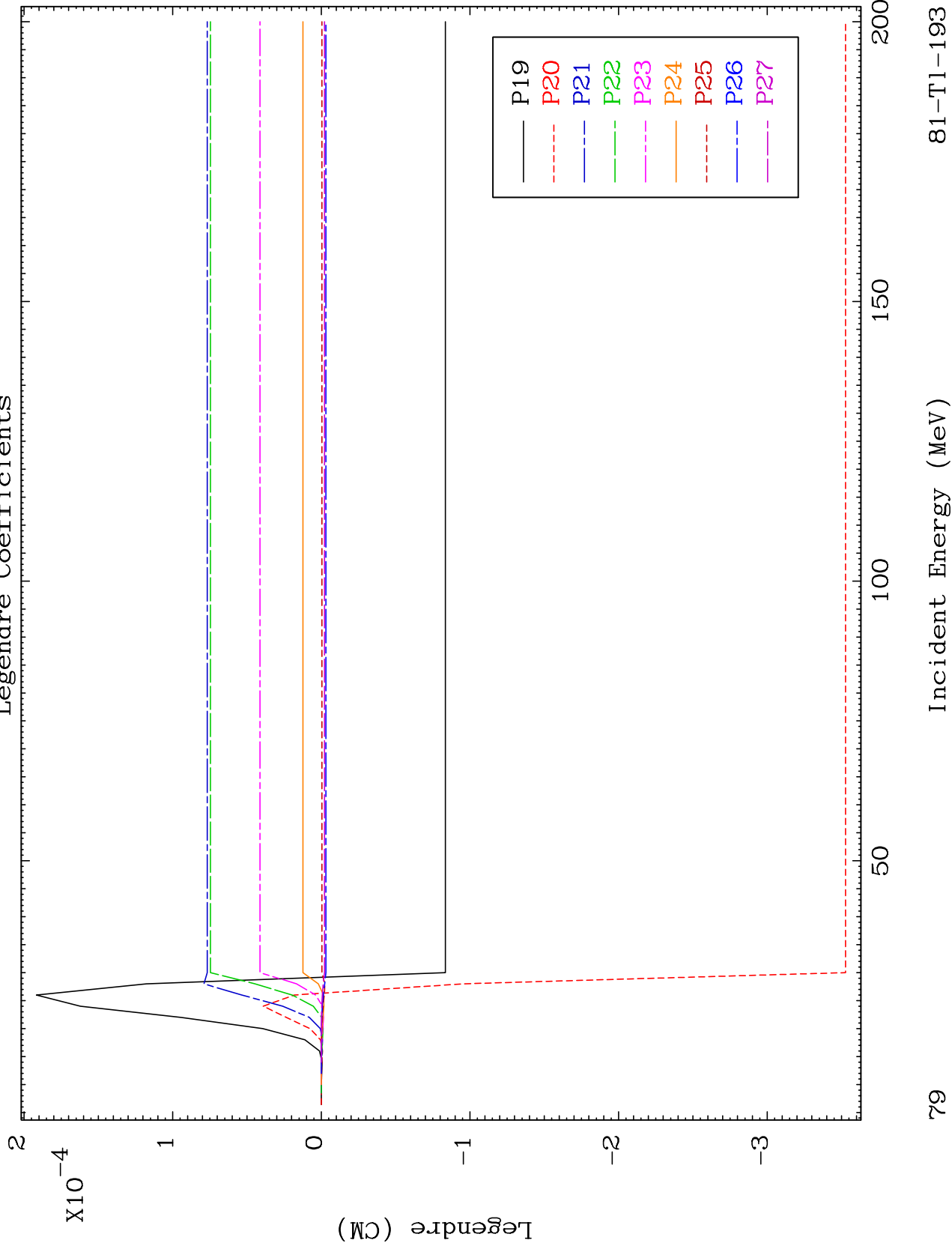
Incident Energy (MeV)

81-T1-193

MAT 8095

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

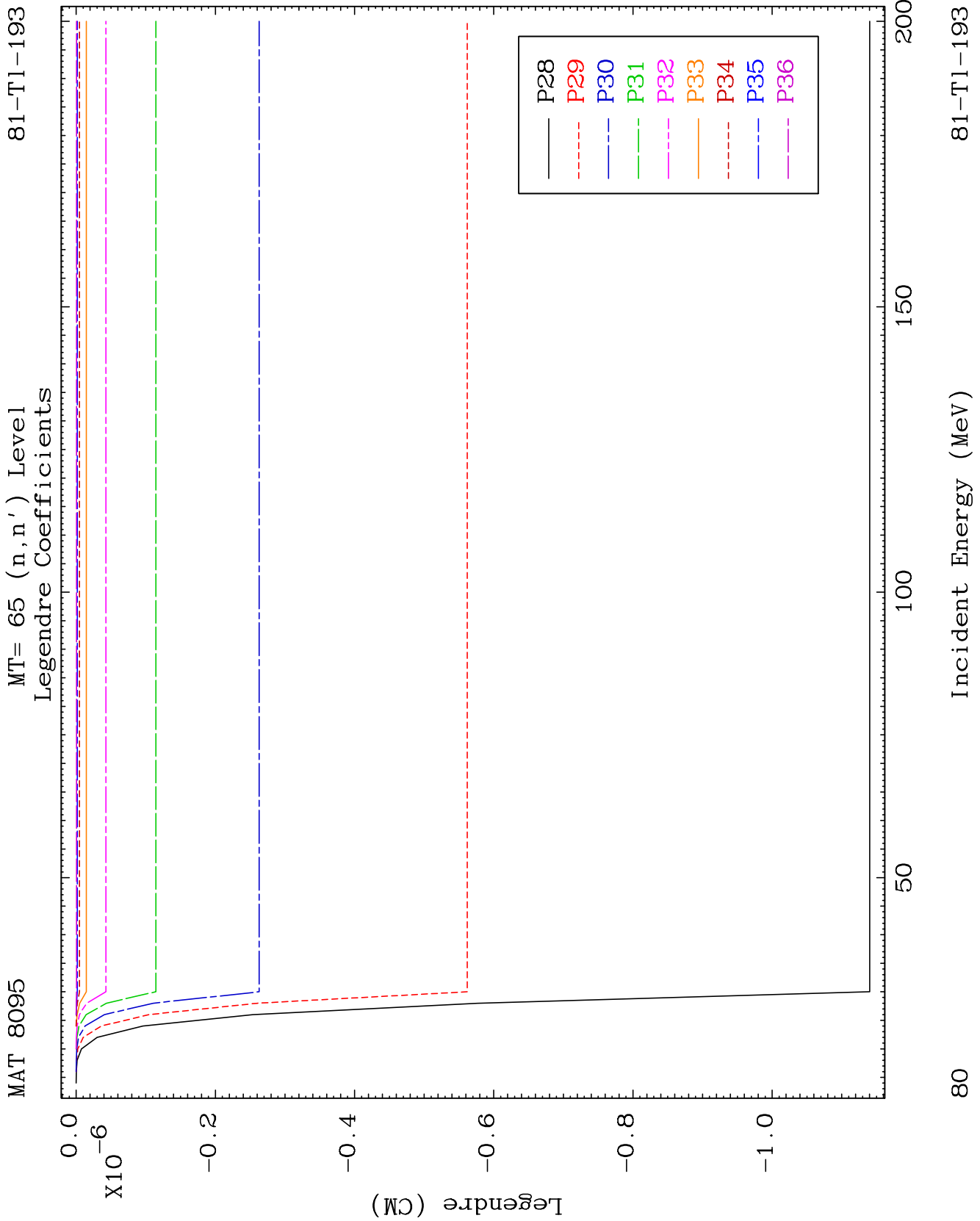
81-Tl-193



79

81-Tl-193

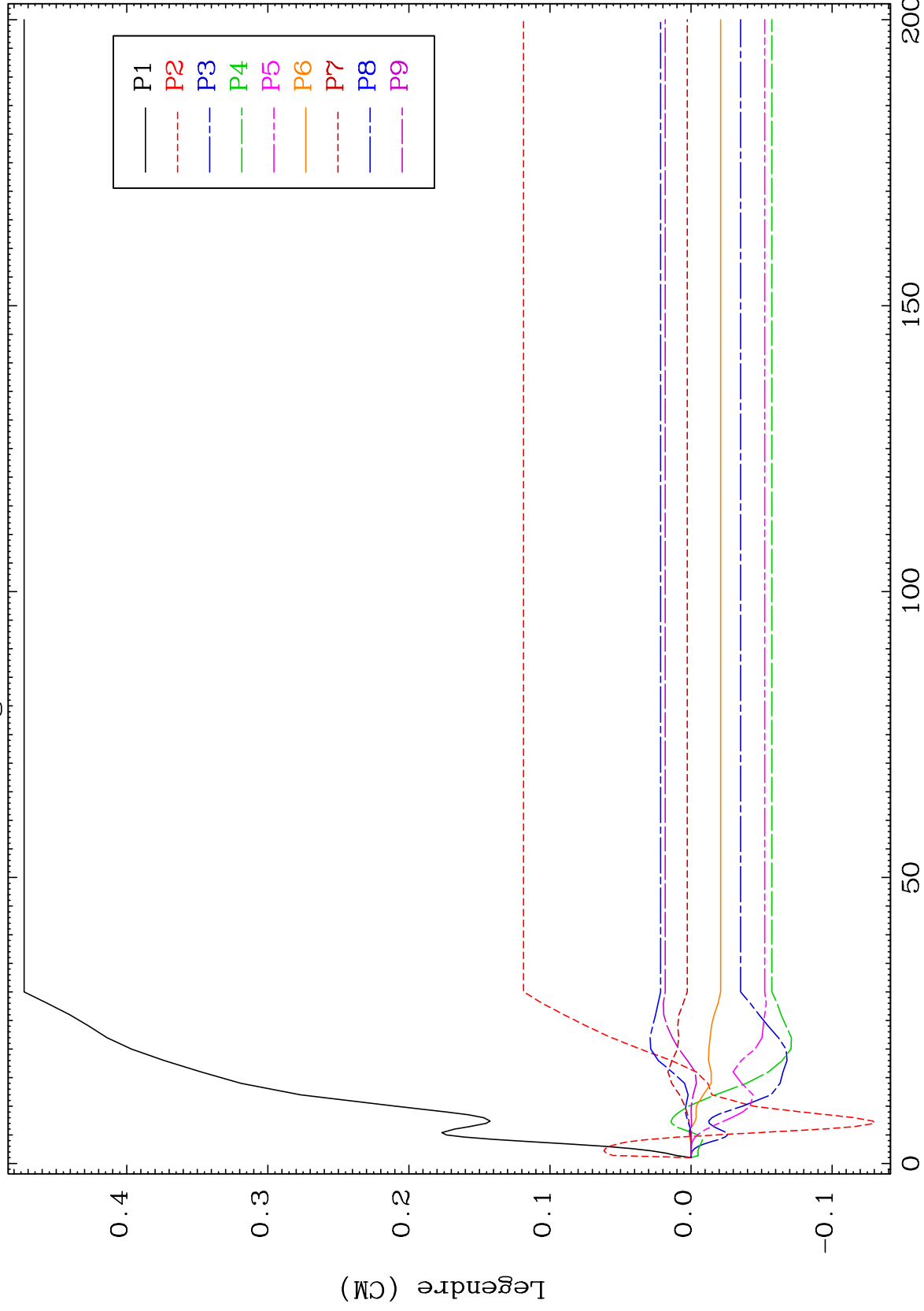




MAT 8095

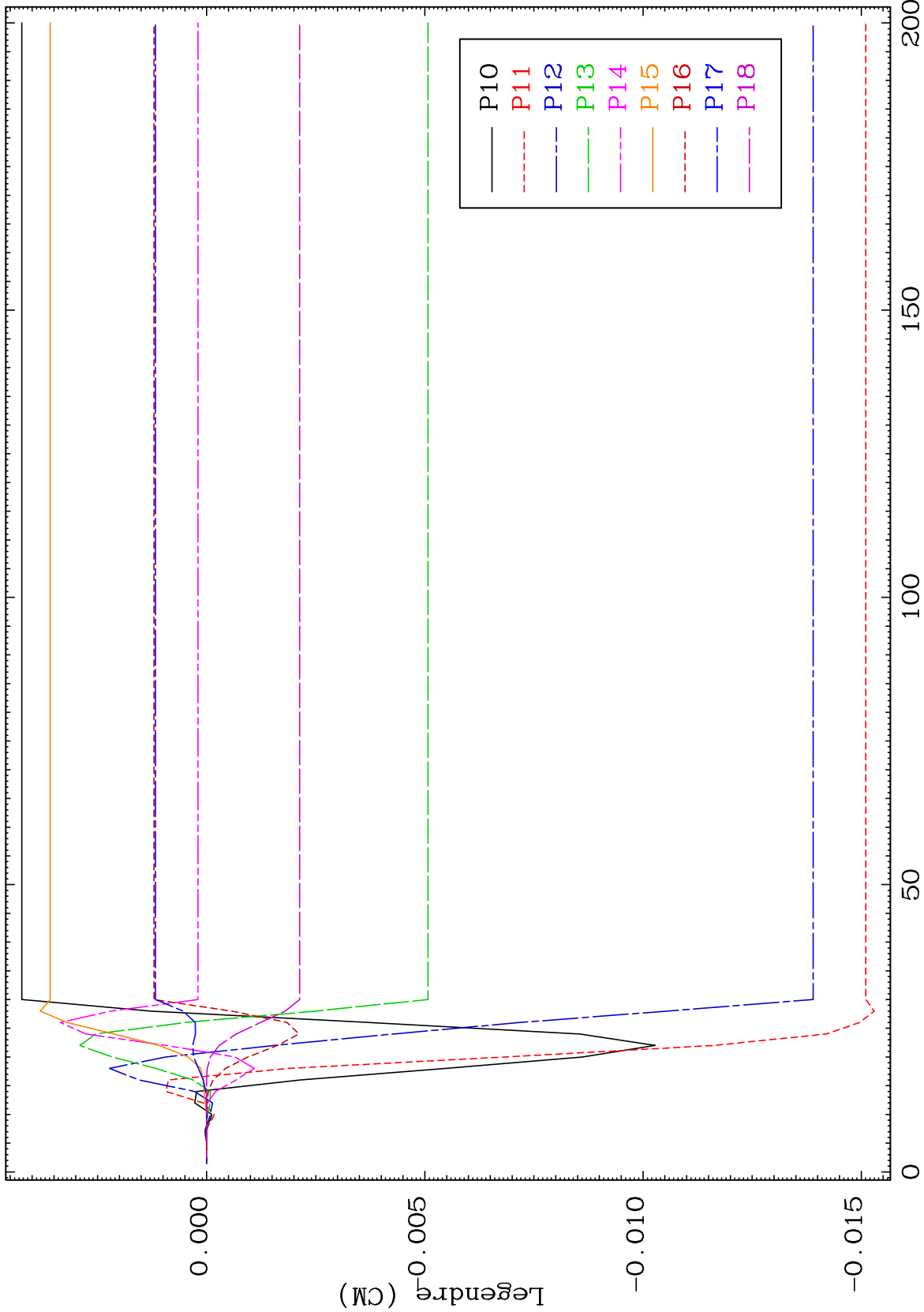
MT= 66 (n,n') Level  
Legendre Coefficients

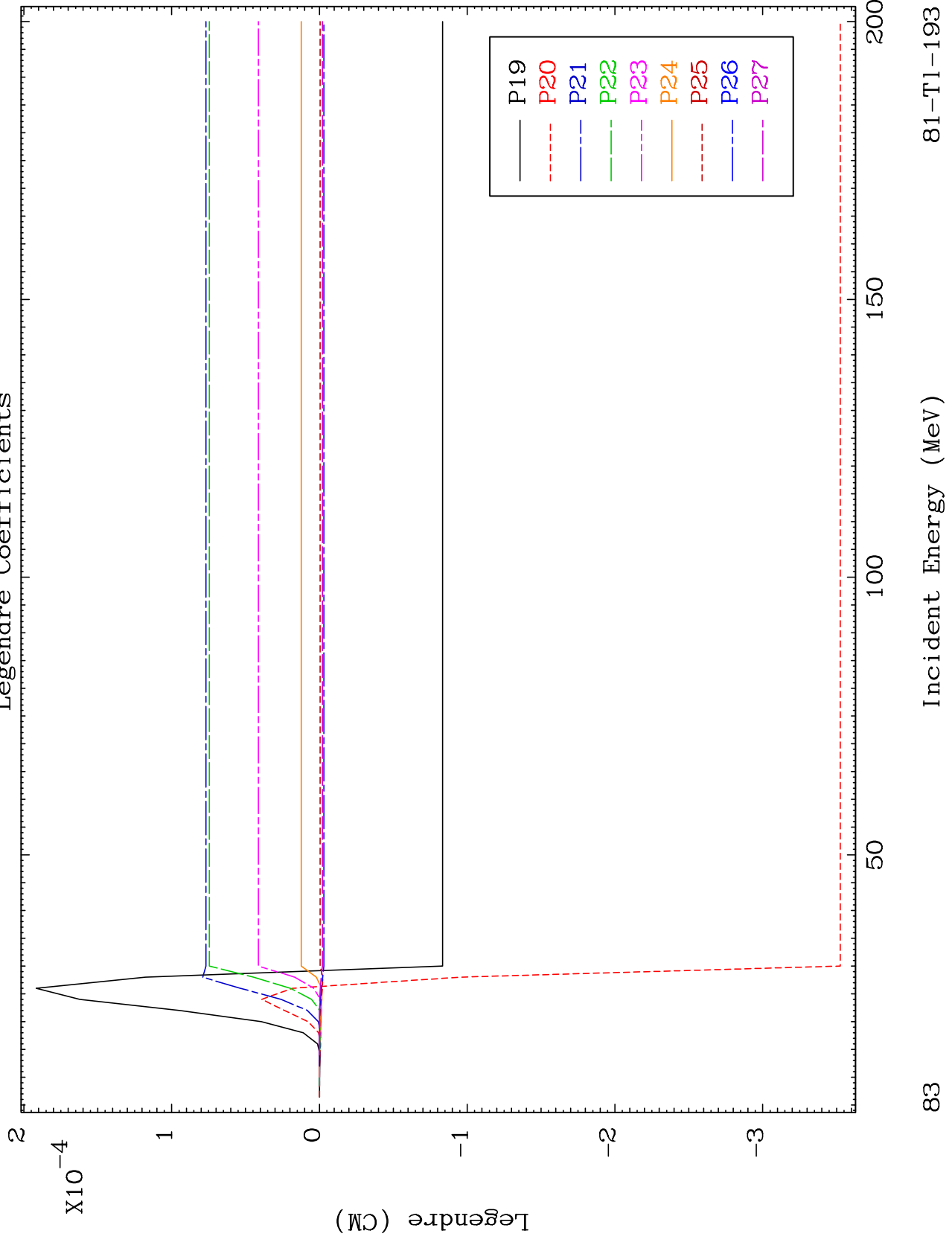
81-T1-193

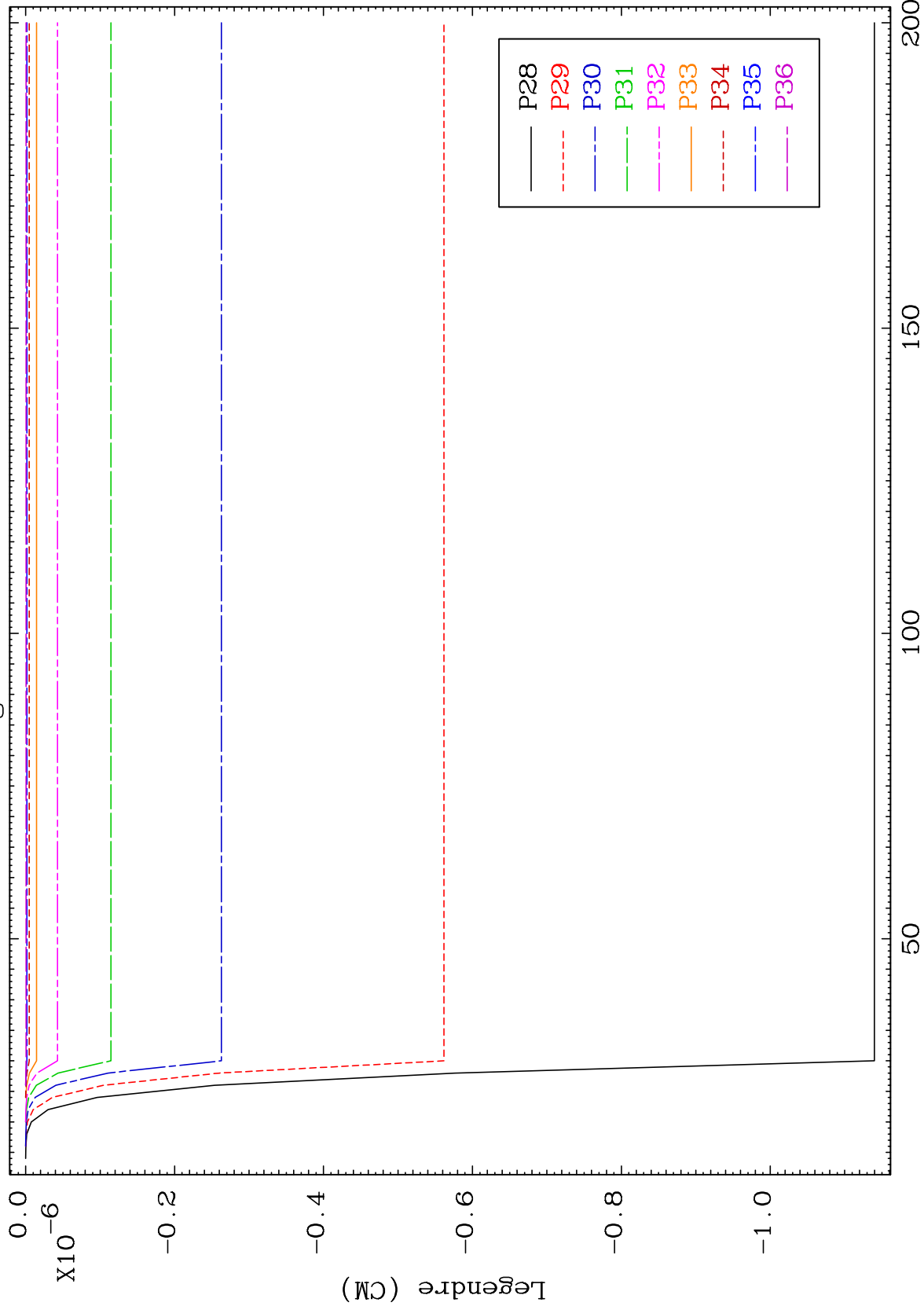


81

81-T1-193



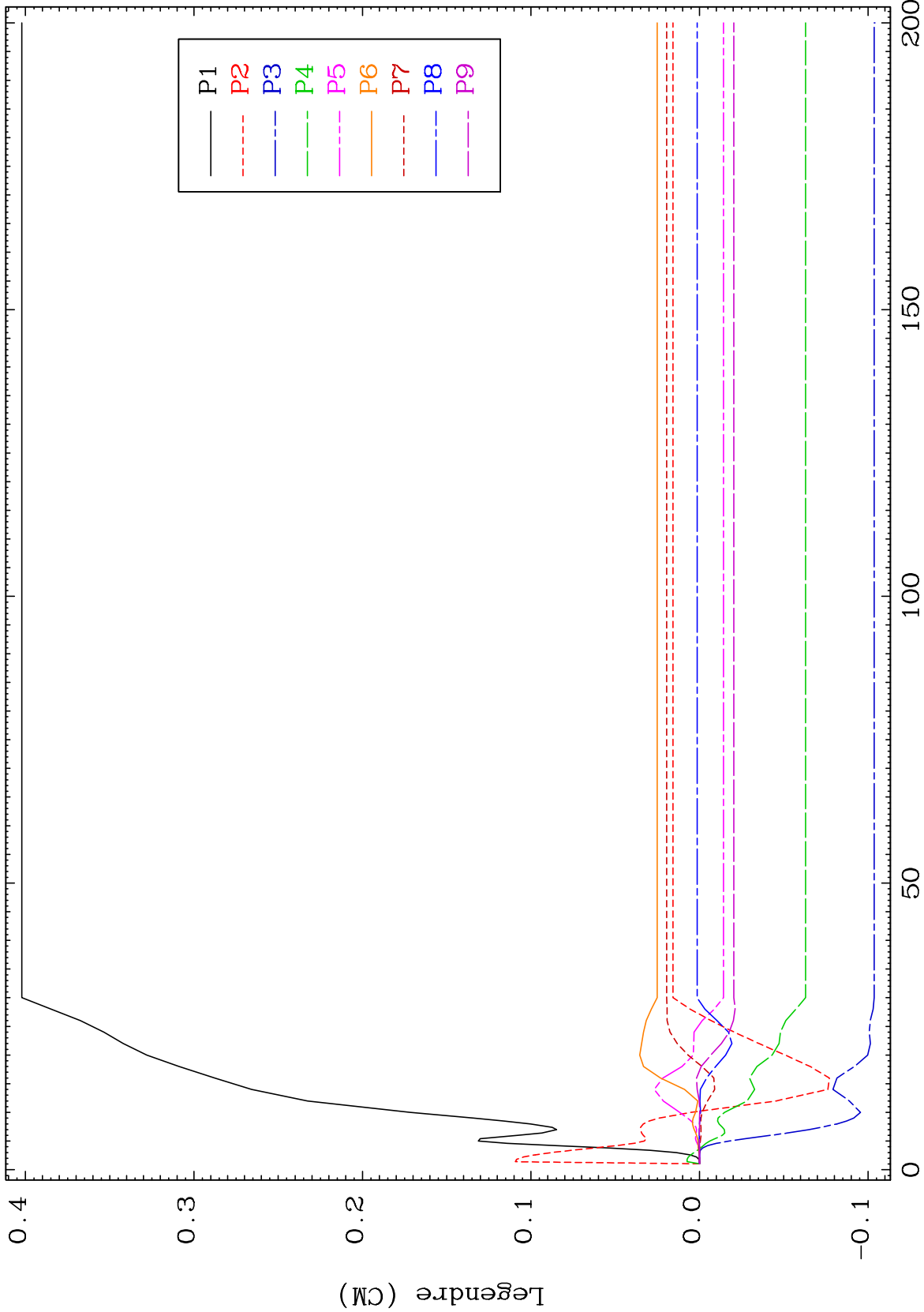




MAT 8095

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

81-Tl-193



85

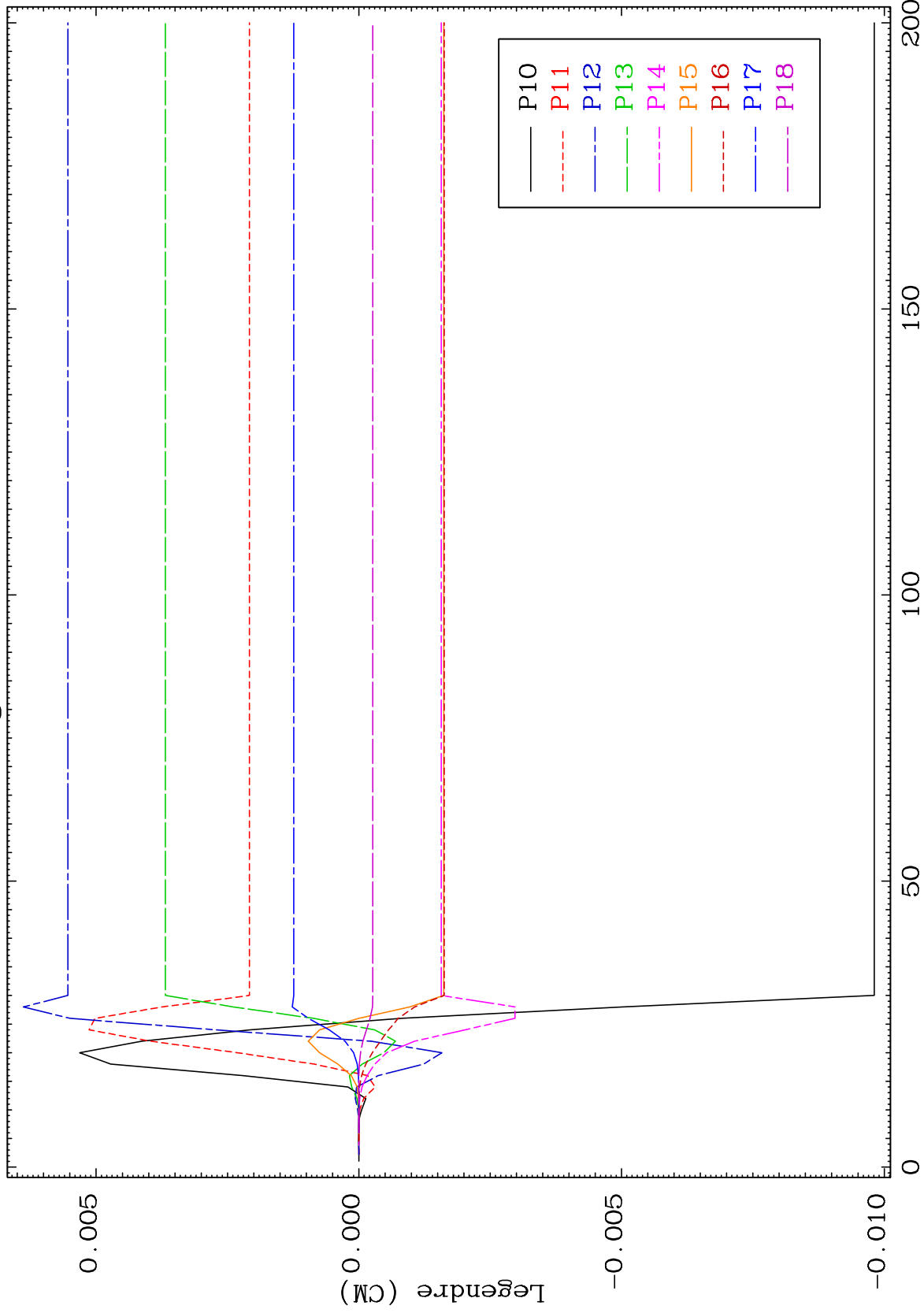
81-Tl-193

81-Tl-193

MAT 8095

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

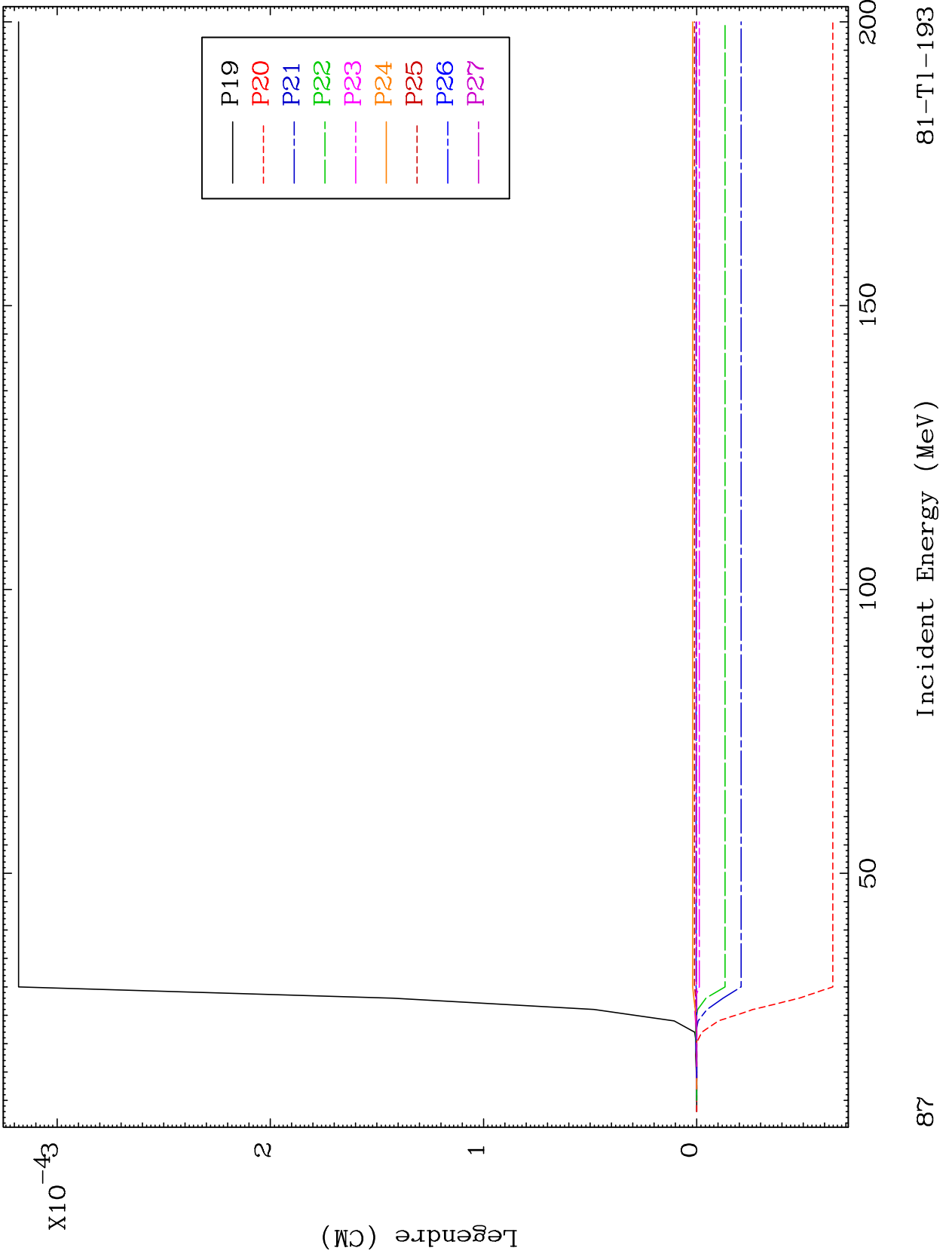
81-T1-193



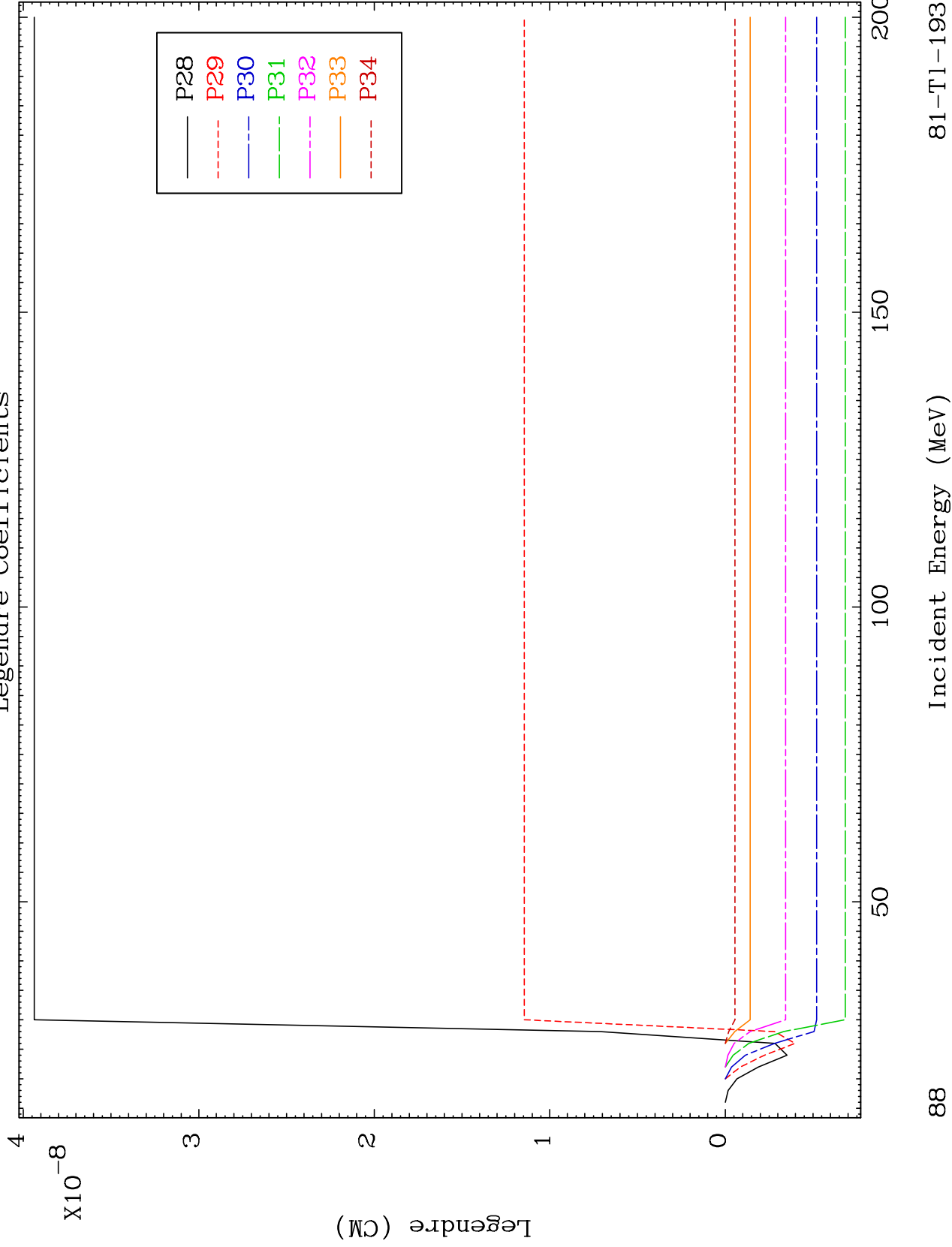
86

Incident Energy (MeV)

81-T1-193



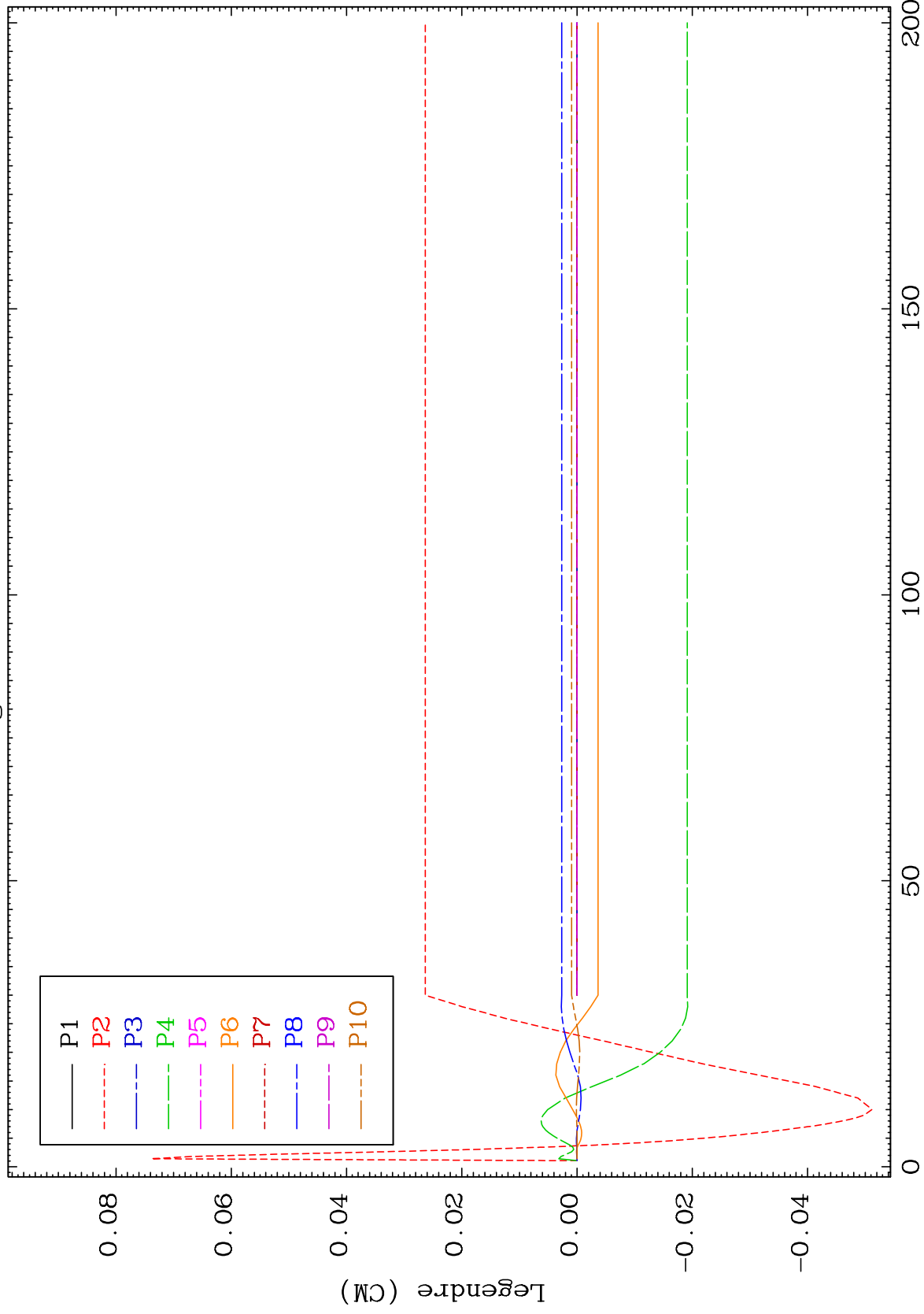




MAT 8095

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

81-T1-193



89

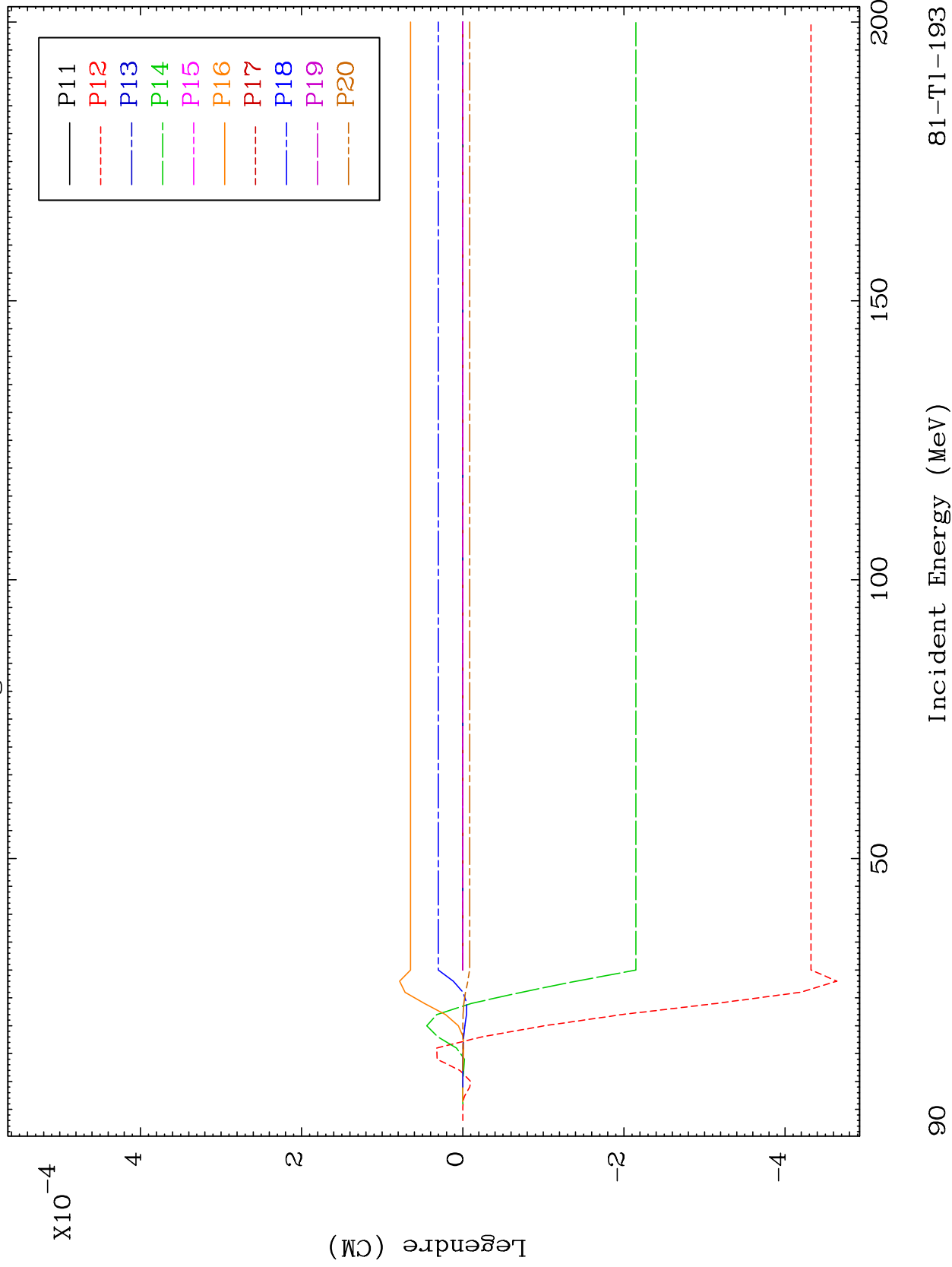
Incident Energy (MeV)

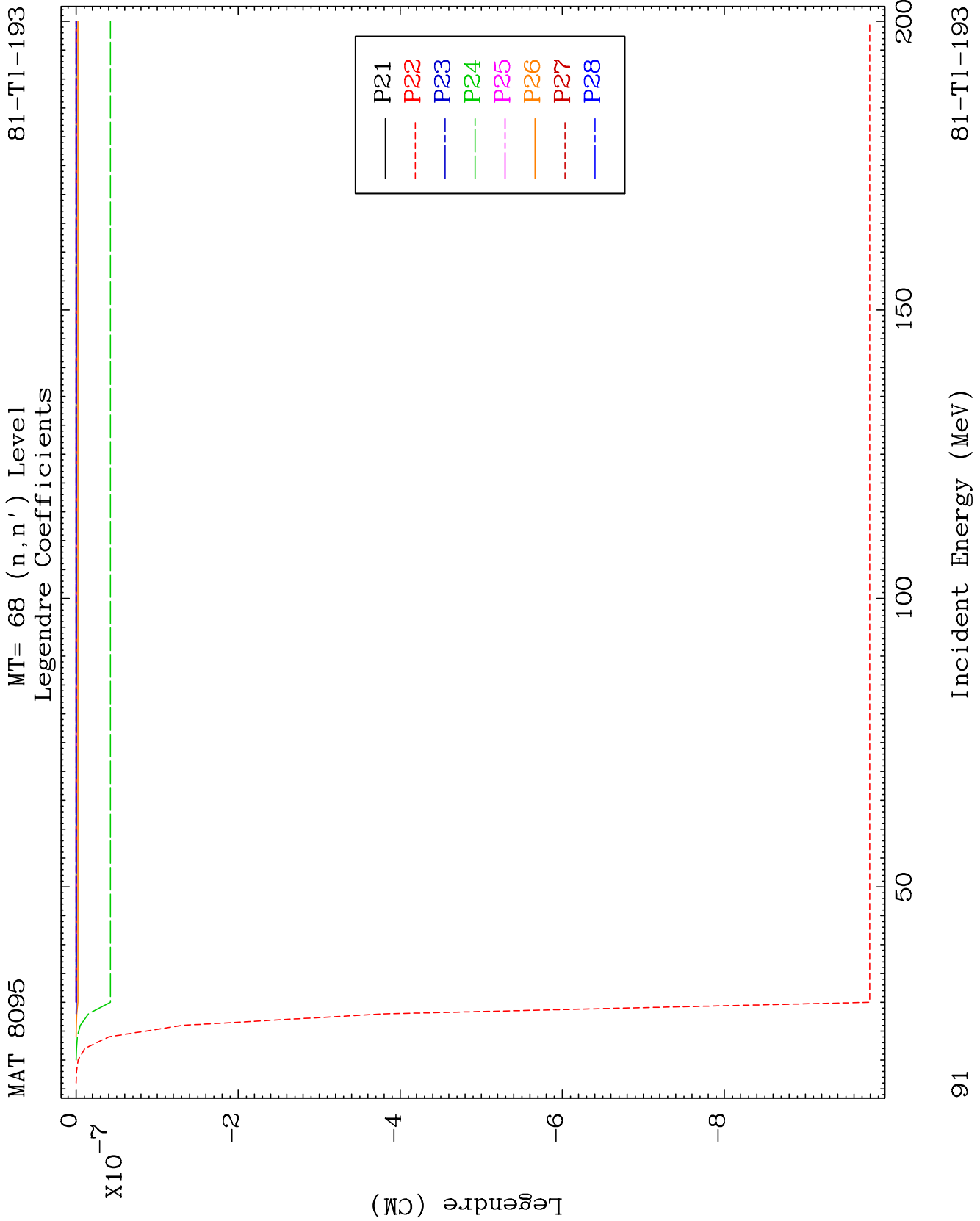
81-T1-193

MAT 8095

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

81-Tl-193

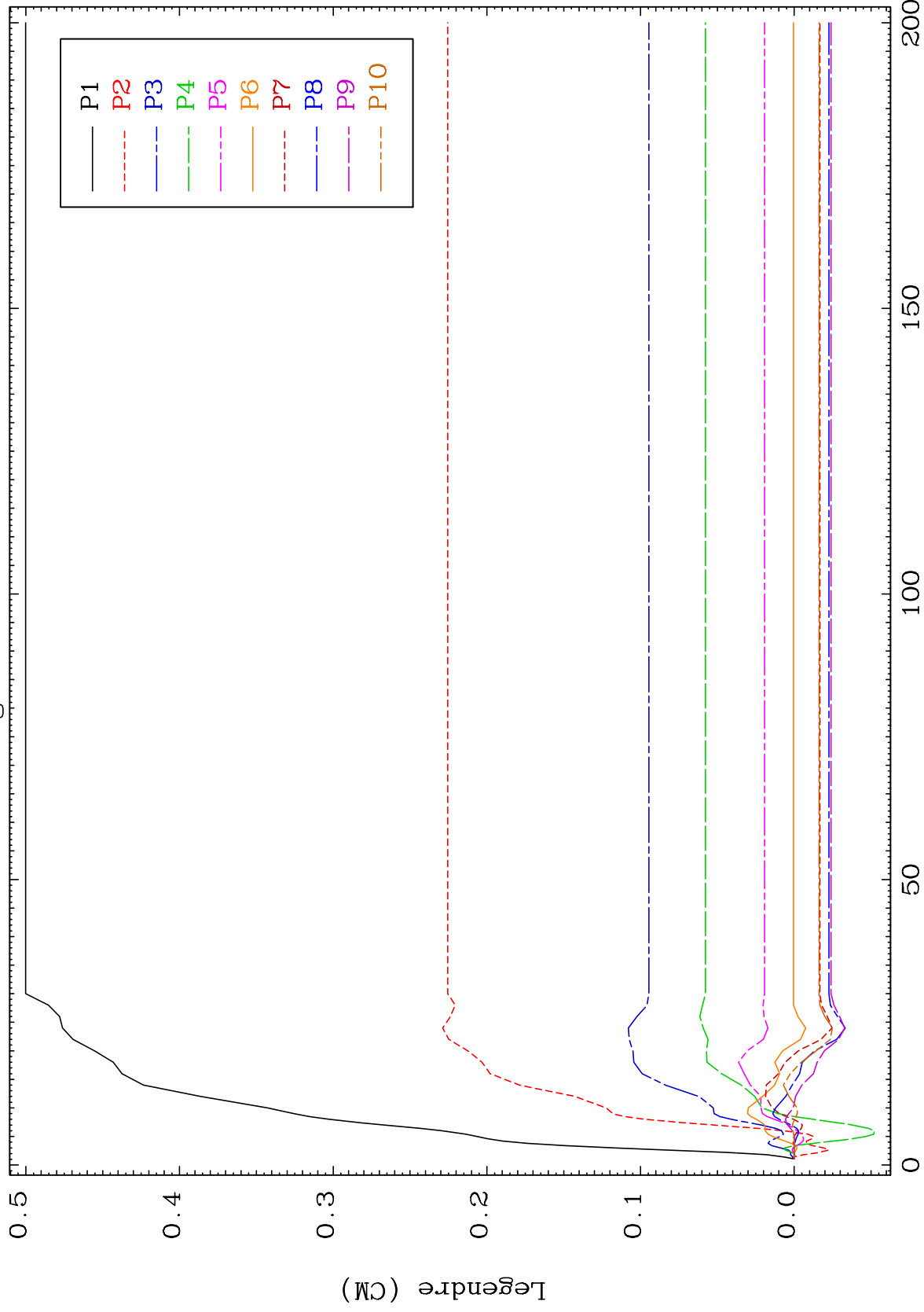




MAT 8095

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

81-Tl-193



92

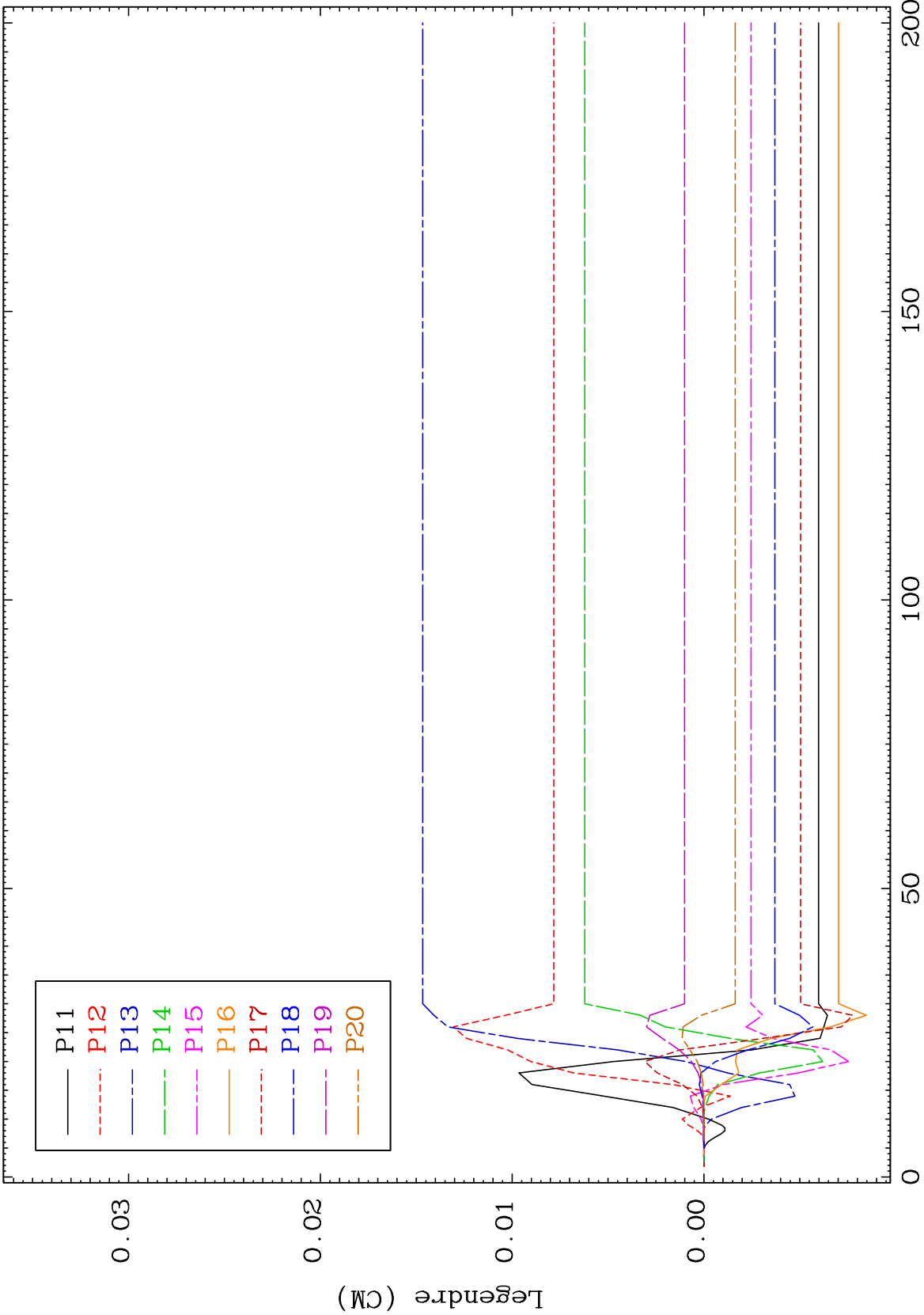
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

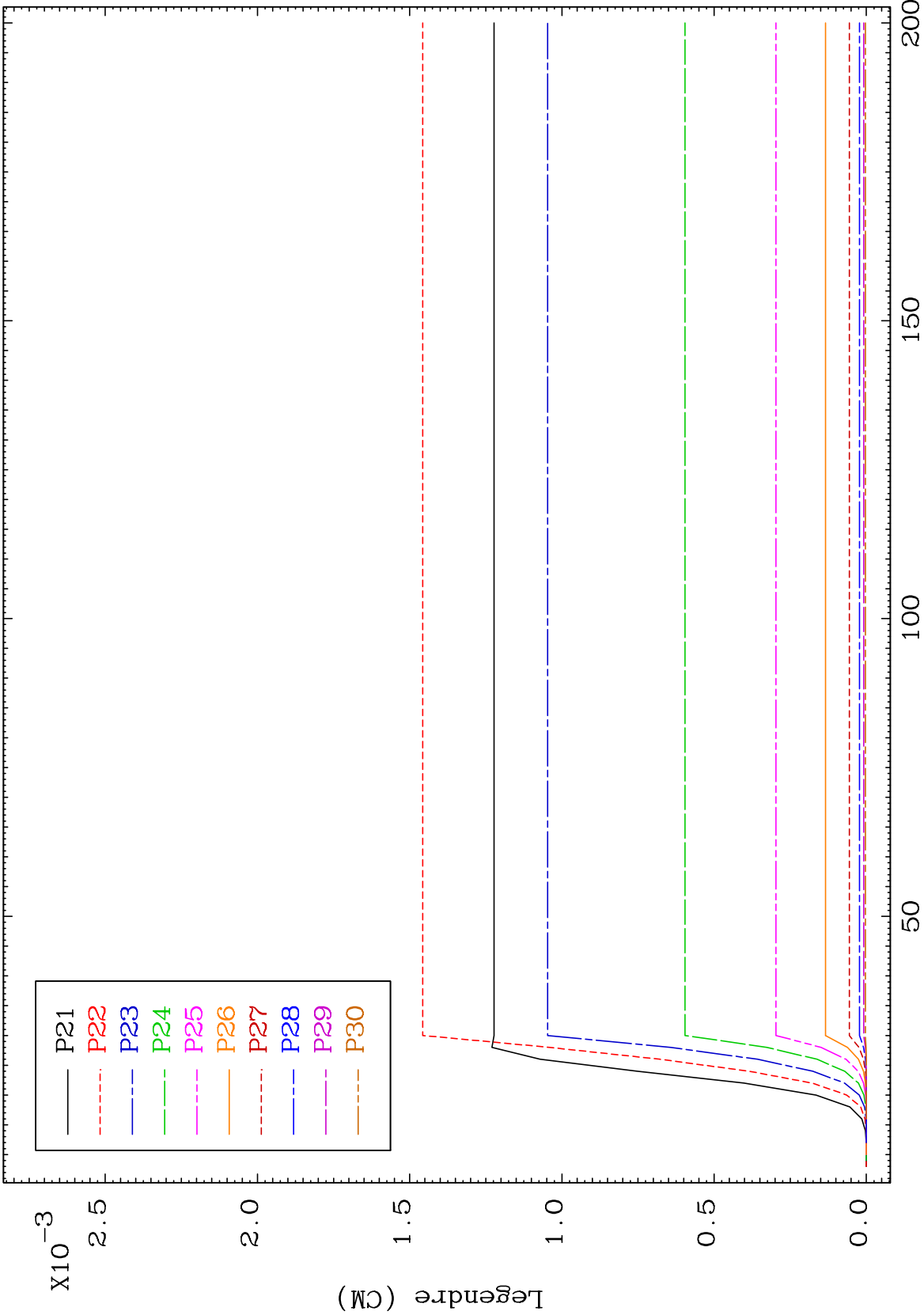
81-T1-193



93

Incident Energy (MeV)

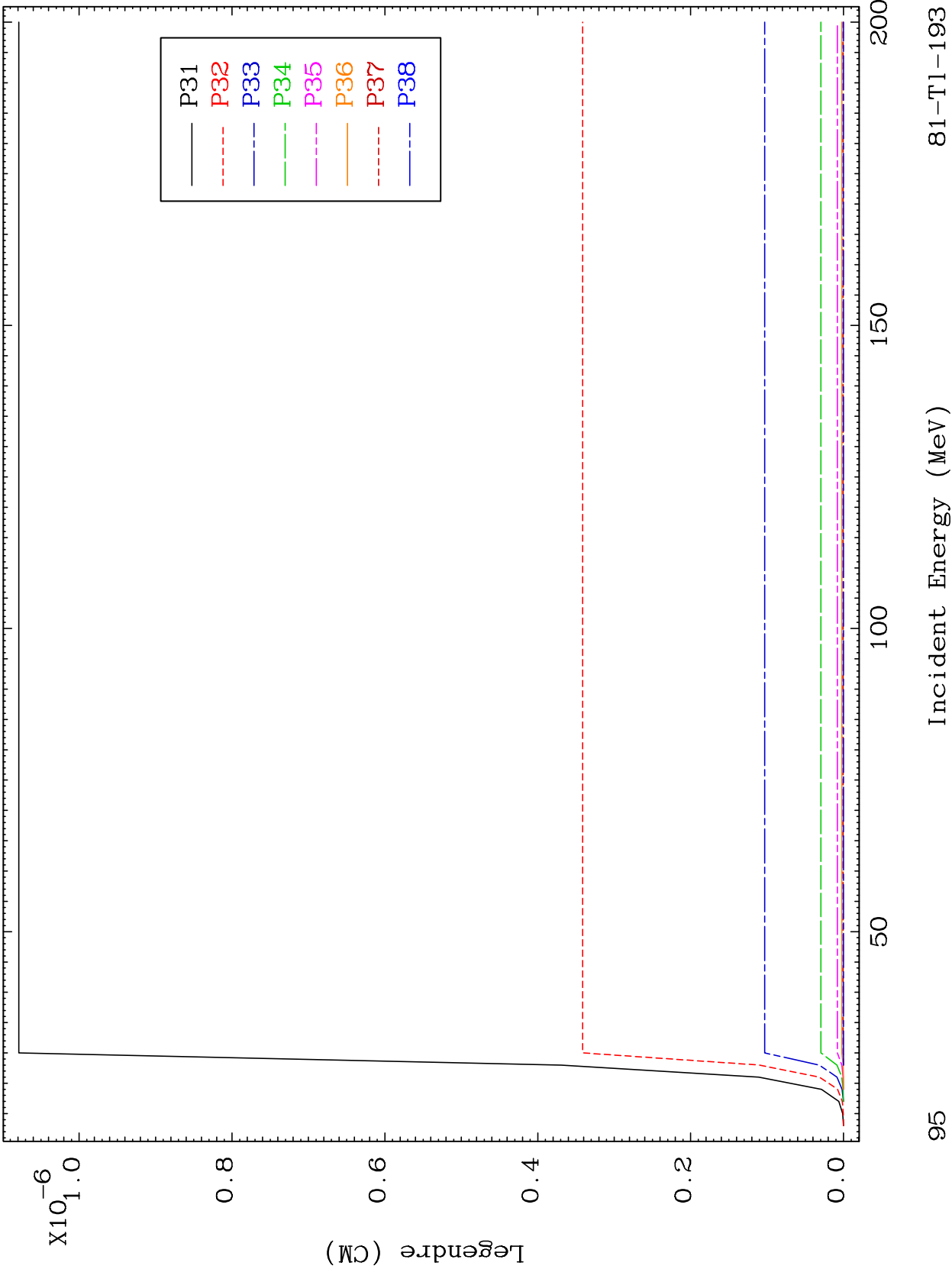
81-T1-193



MAT 8095

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

81-Tl-193

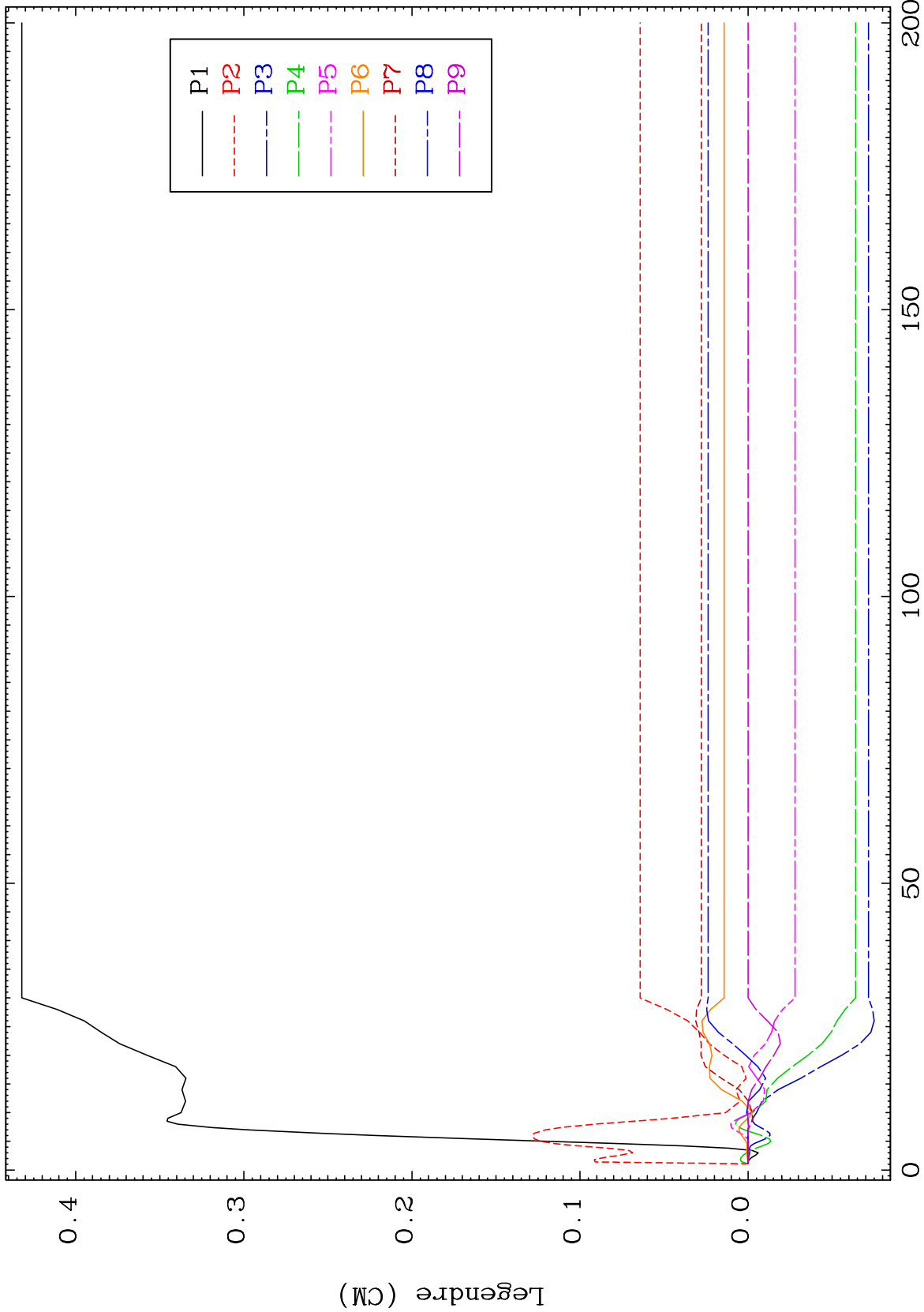


81-Tl-193

Incident Energy (MeV)

95

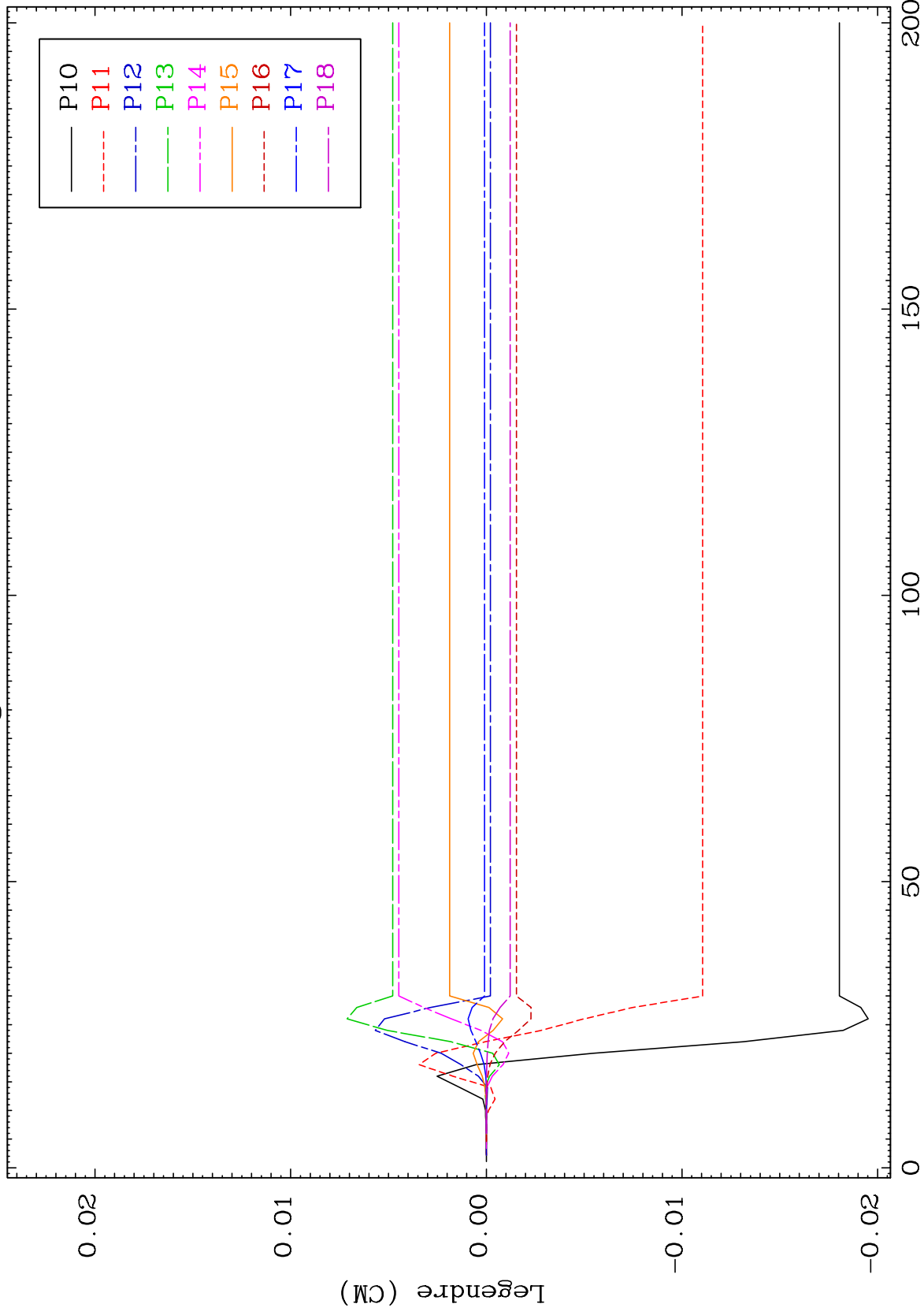




MAT 8095

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

81-Tl-193



97

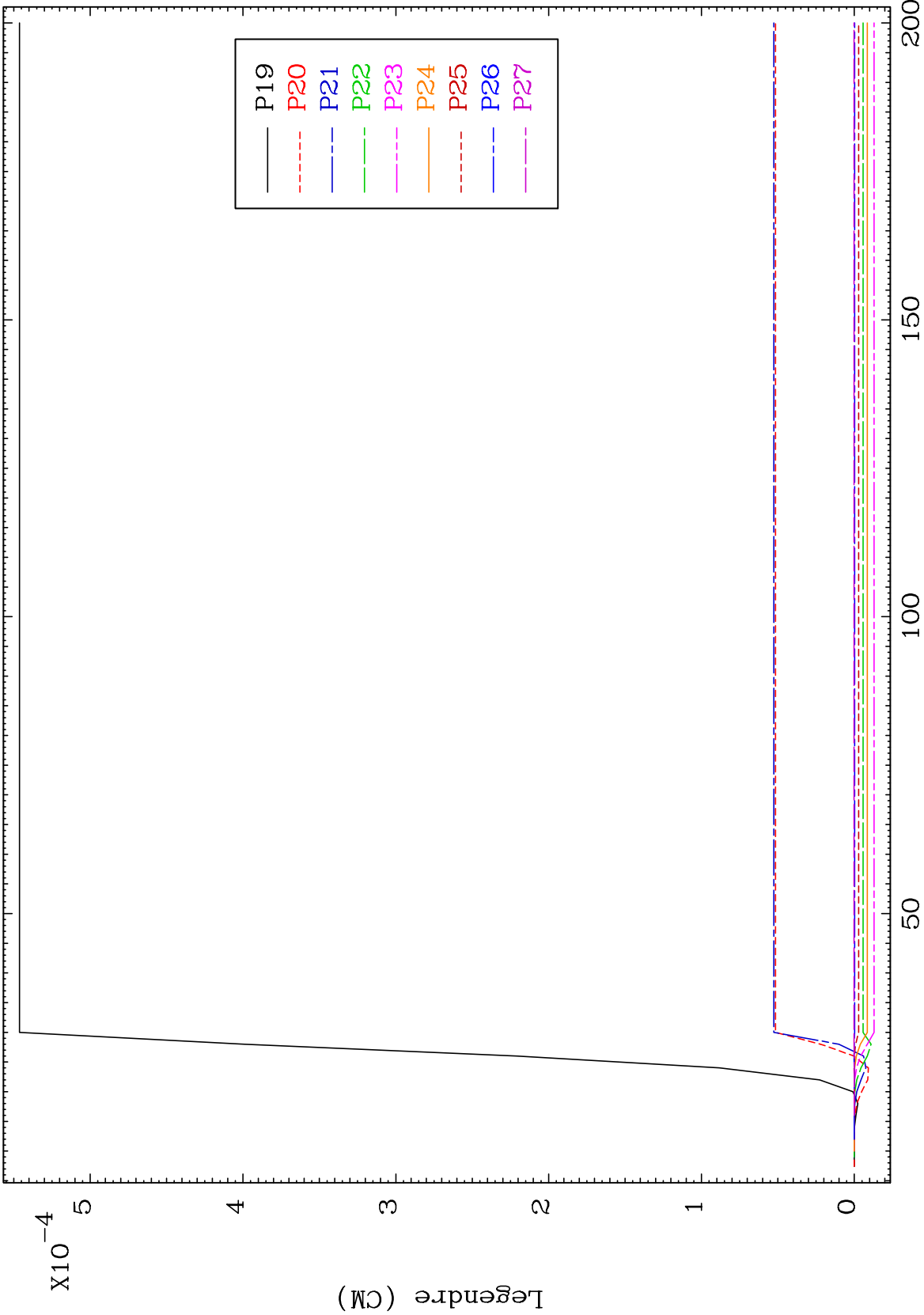
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

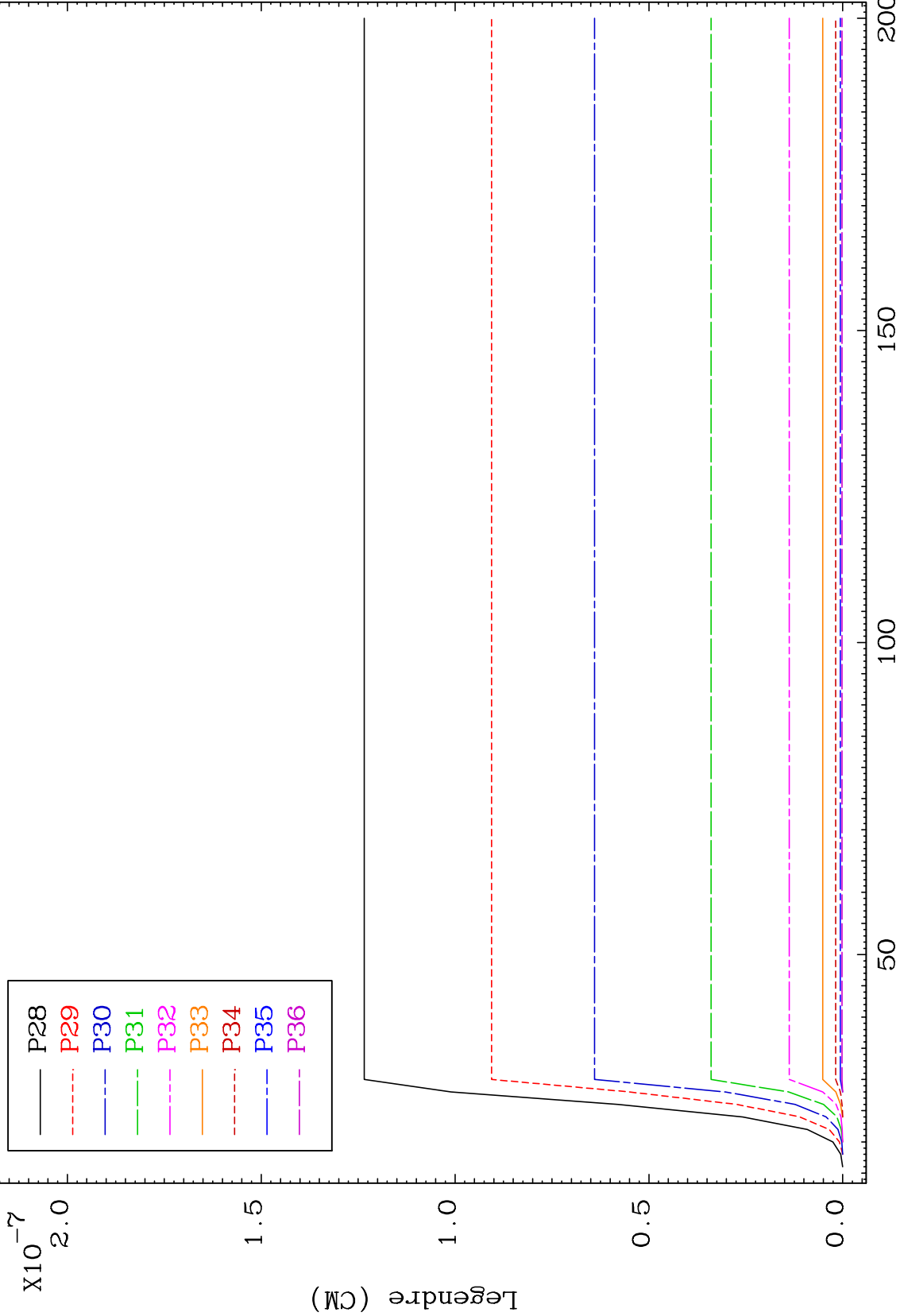
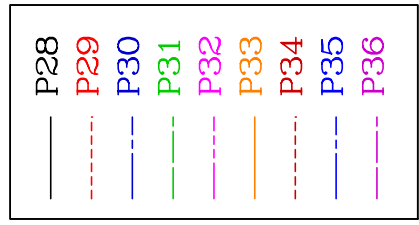
81-T1-193



98

Incident Energy (MeV)

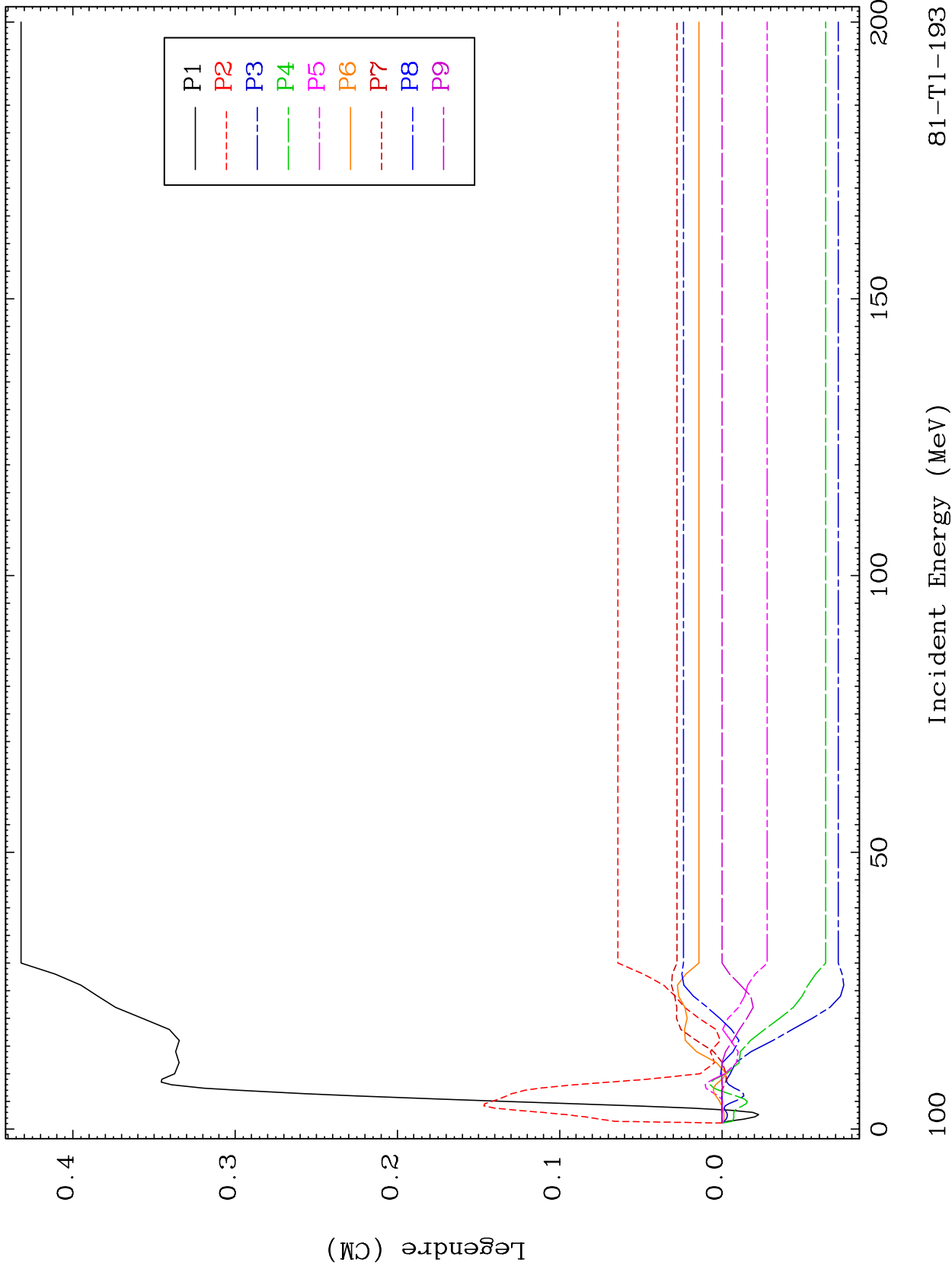
81-T1-193



MAT 8095

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

81-Tl-193



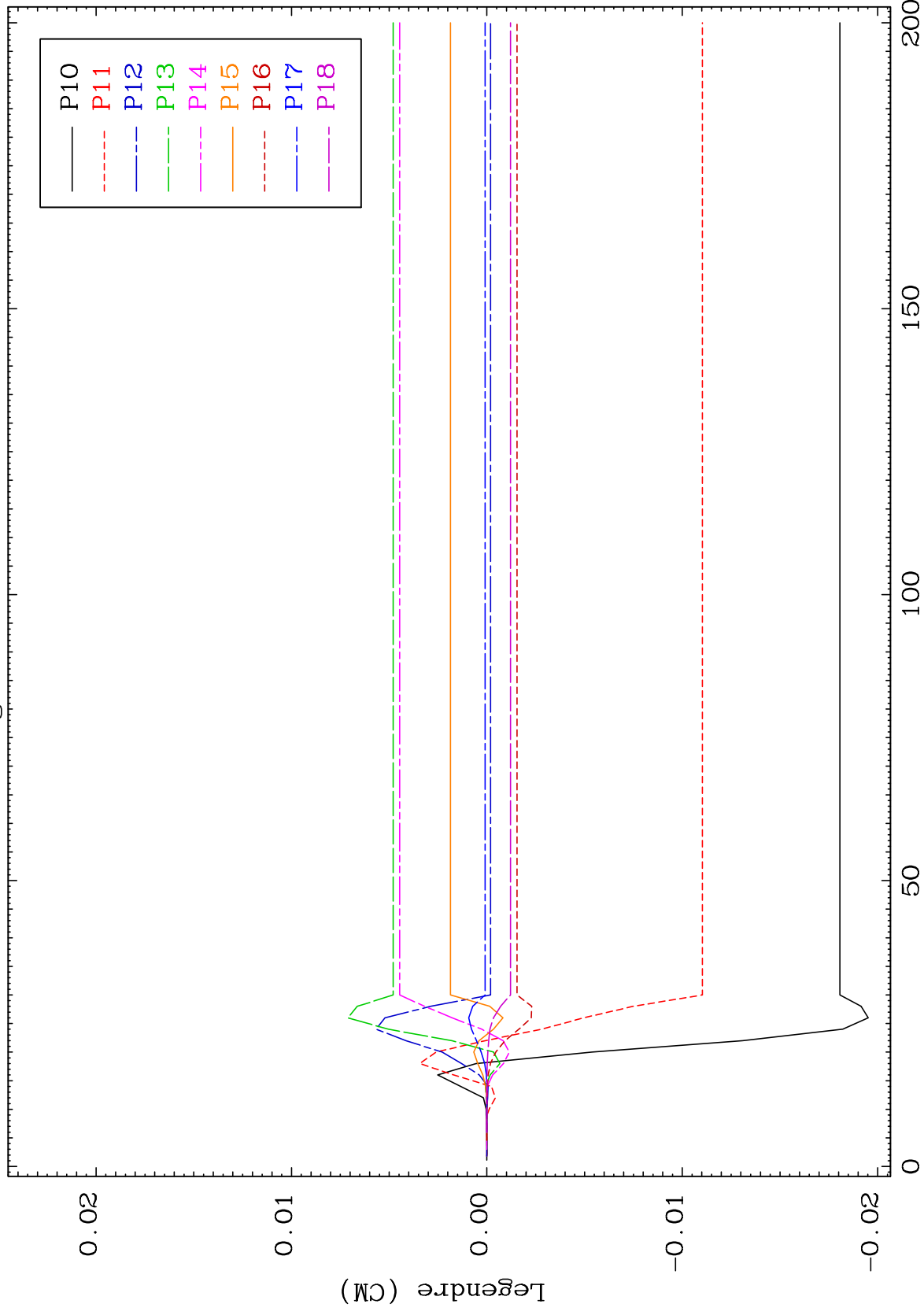
81-Tl-193

Incident Energy (MeV)

MAT 8095

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

81-T1-193



101

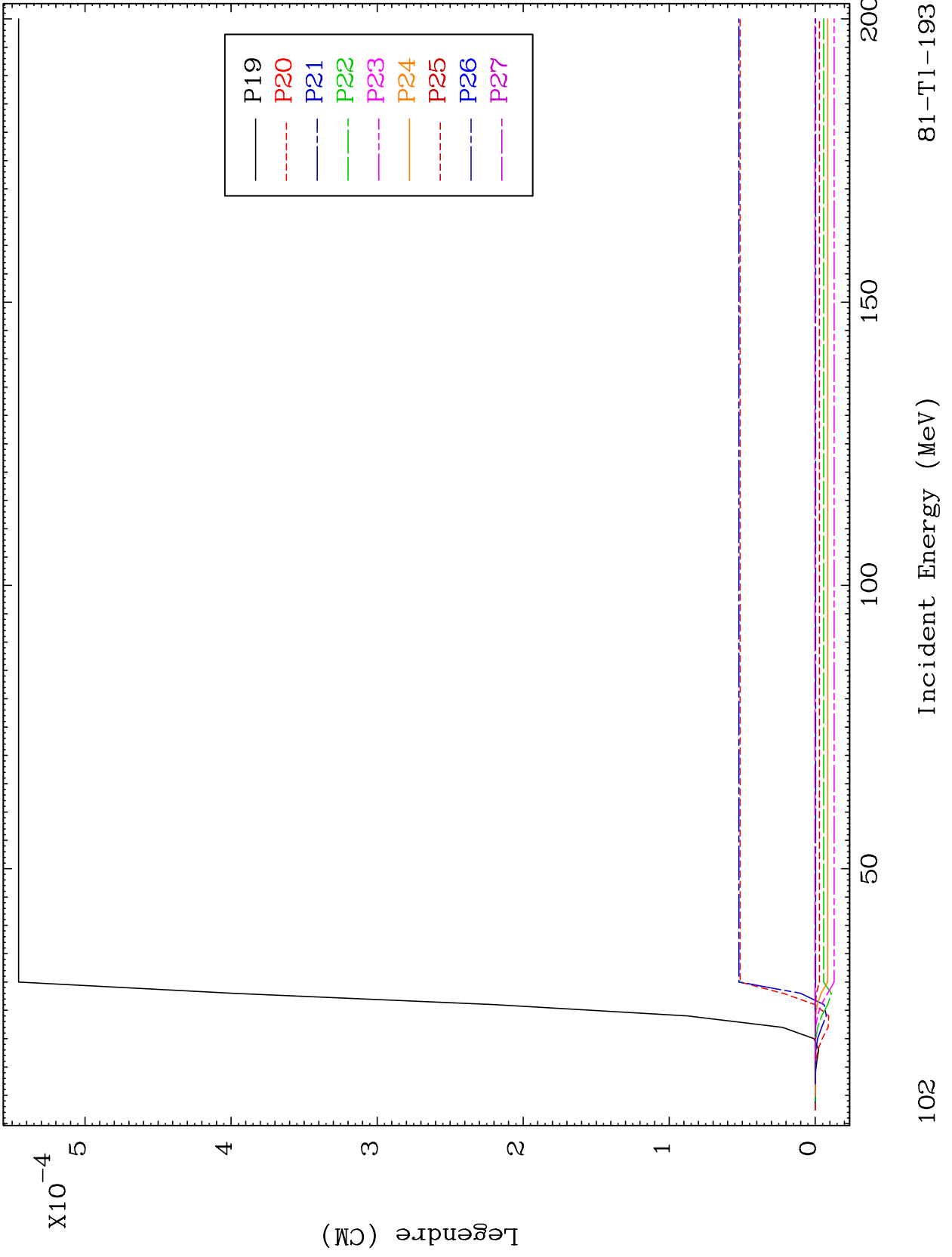
Incident Energy (MeV)

81-T1-193

MAT 8095

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

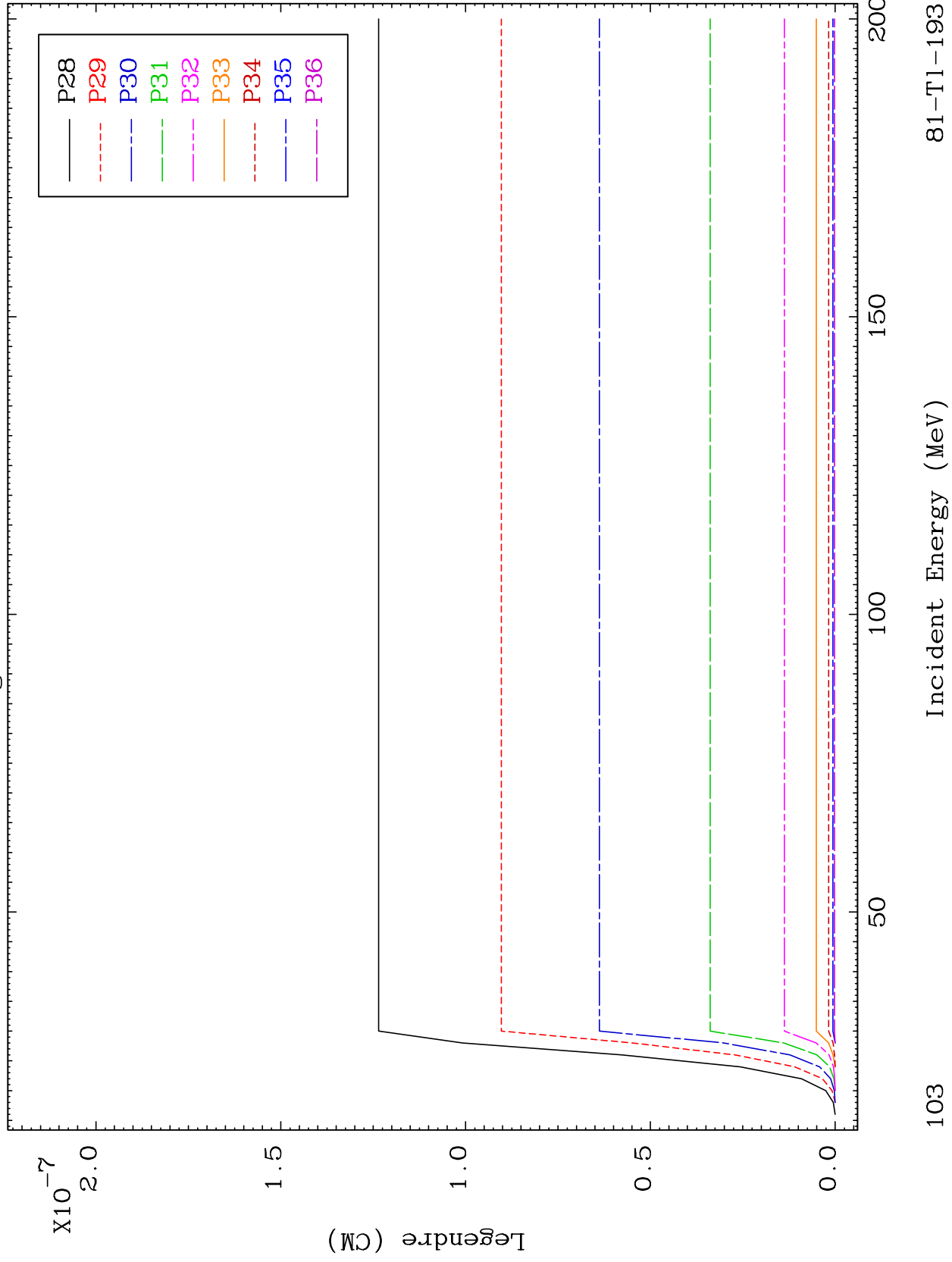
81-T1-193



MAT 8095

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

81-T1-193



103

Incident Energy (MeV)

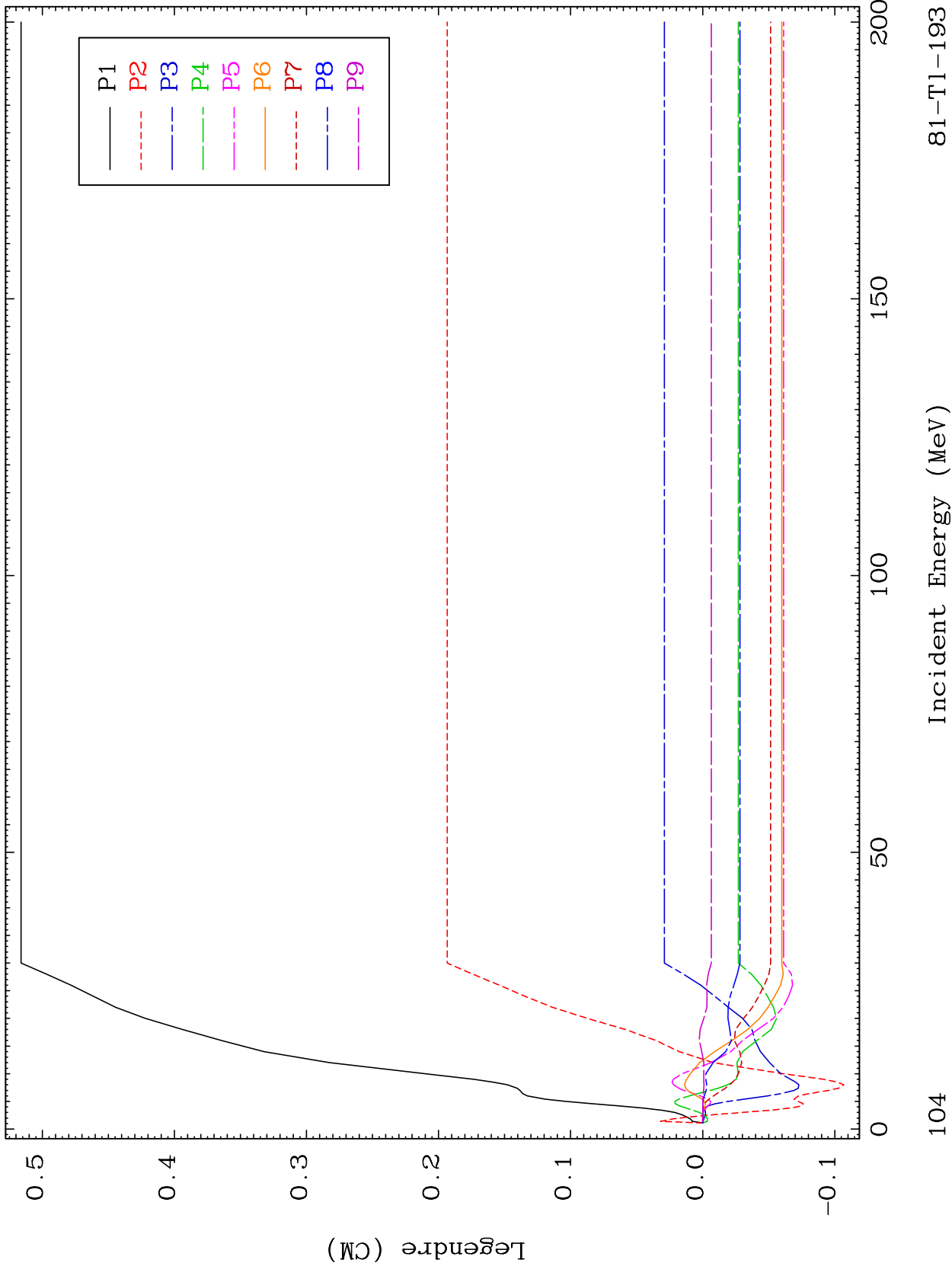
81-T1-193



MAT 8095

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

81-Tl-193



81-Tl-193

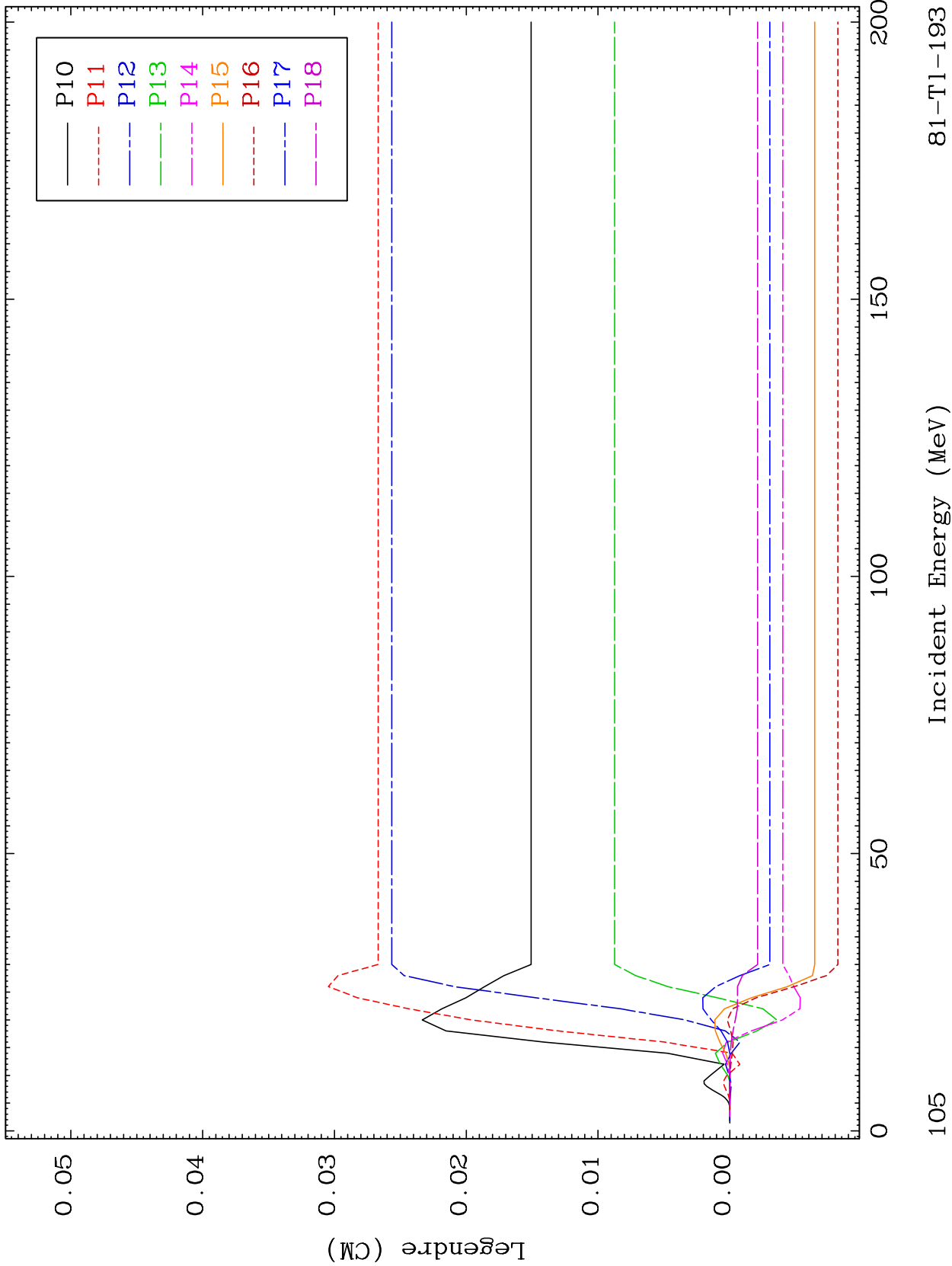
Incident Energy (MeV)

104

MAT 8095

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

81-Tl-193



81-Tl-193

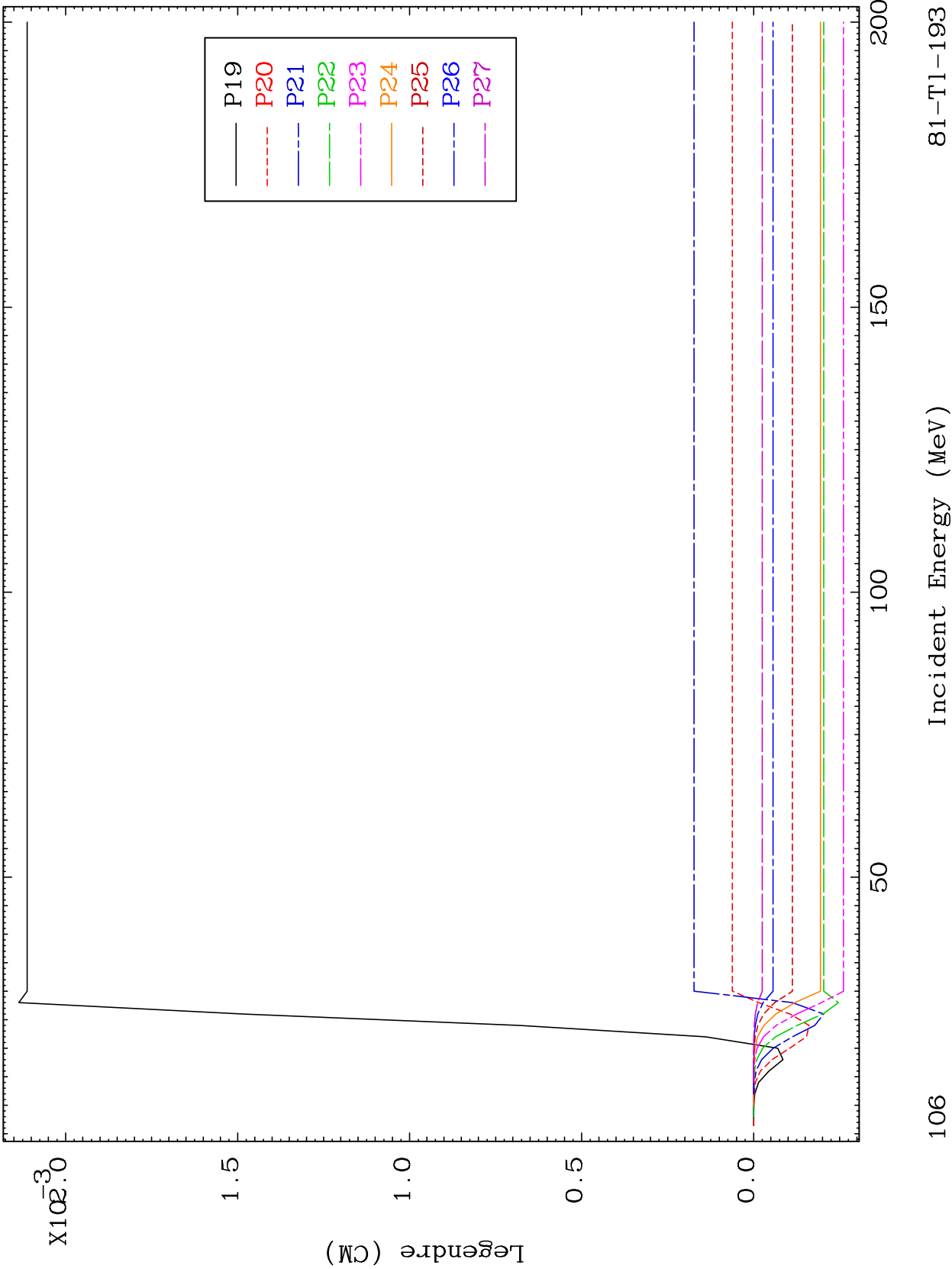
Incident Energy (MeV)

105

MAT 8095

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

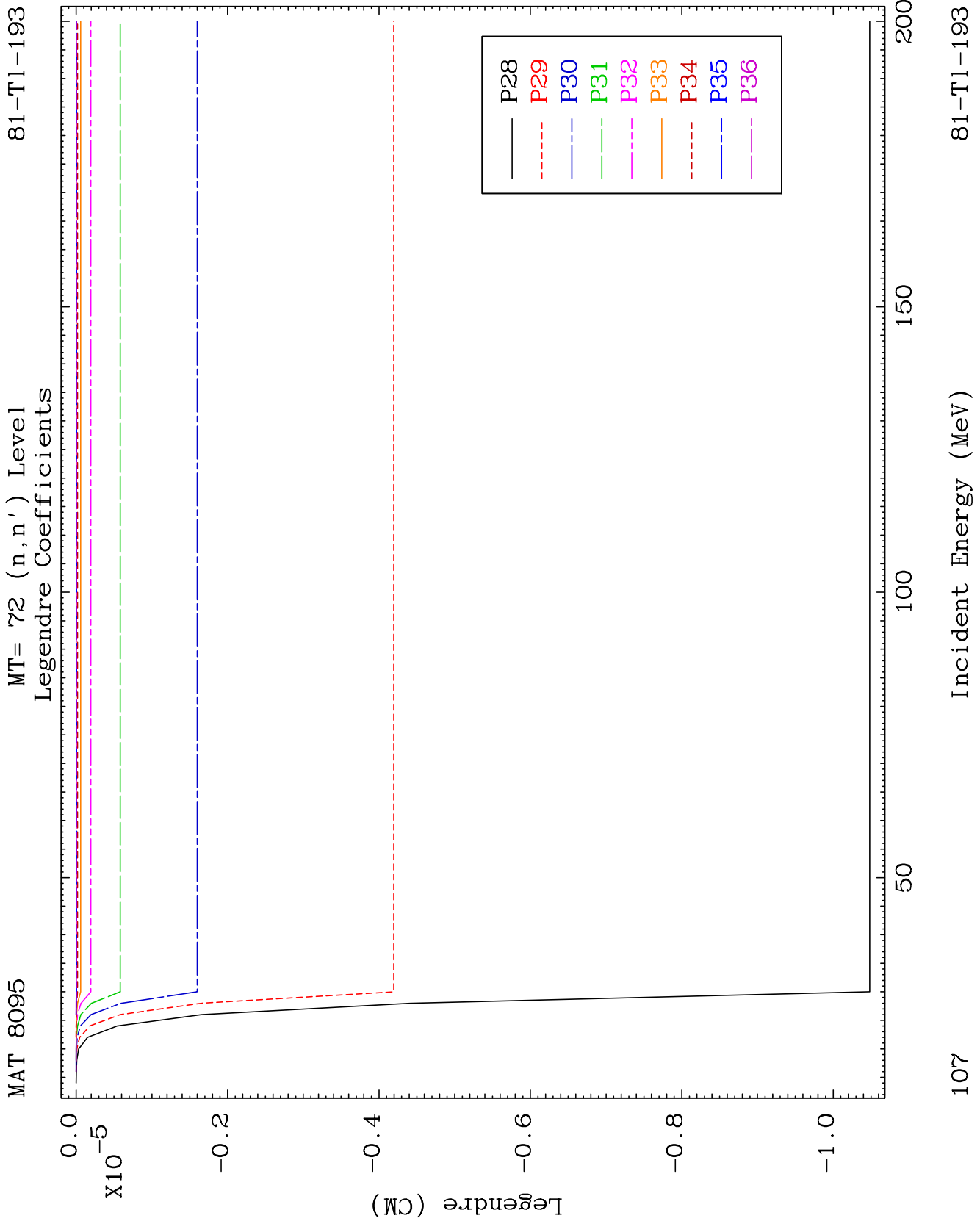
81-Tl-193



106

Incident Energy (MeV)

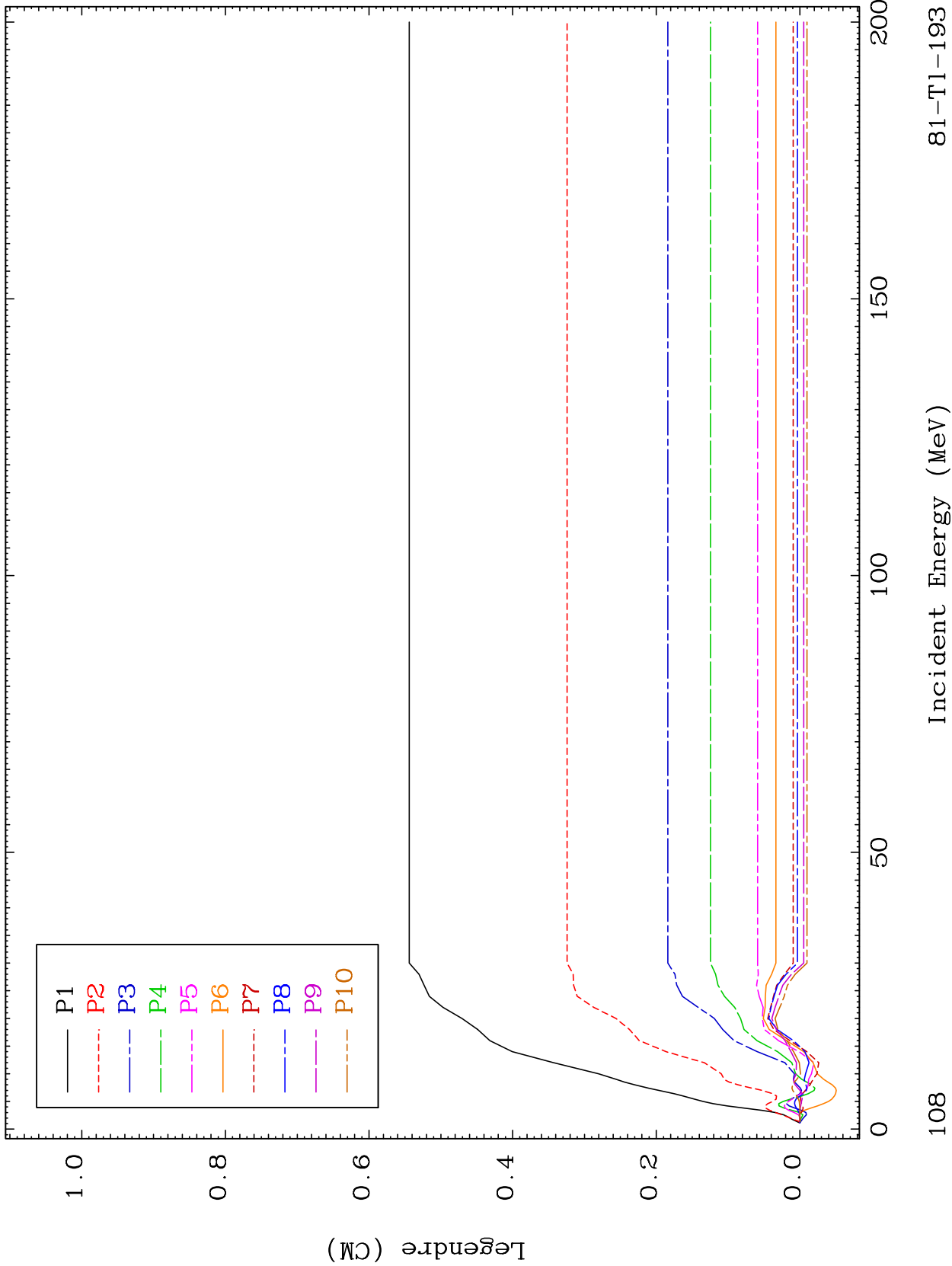
81-Tl-193



MAT 8095

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

81-T1-193



81-T1-193

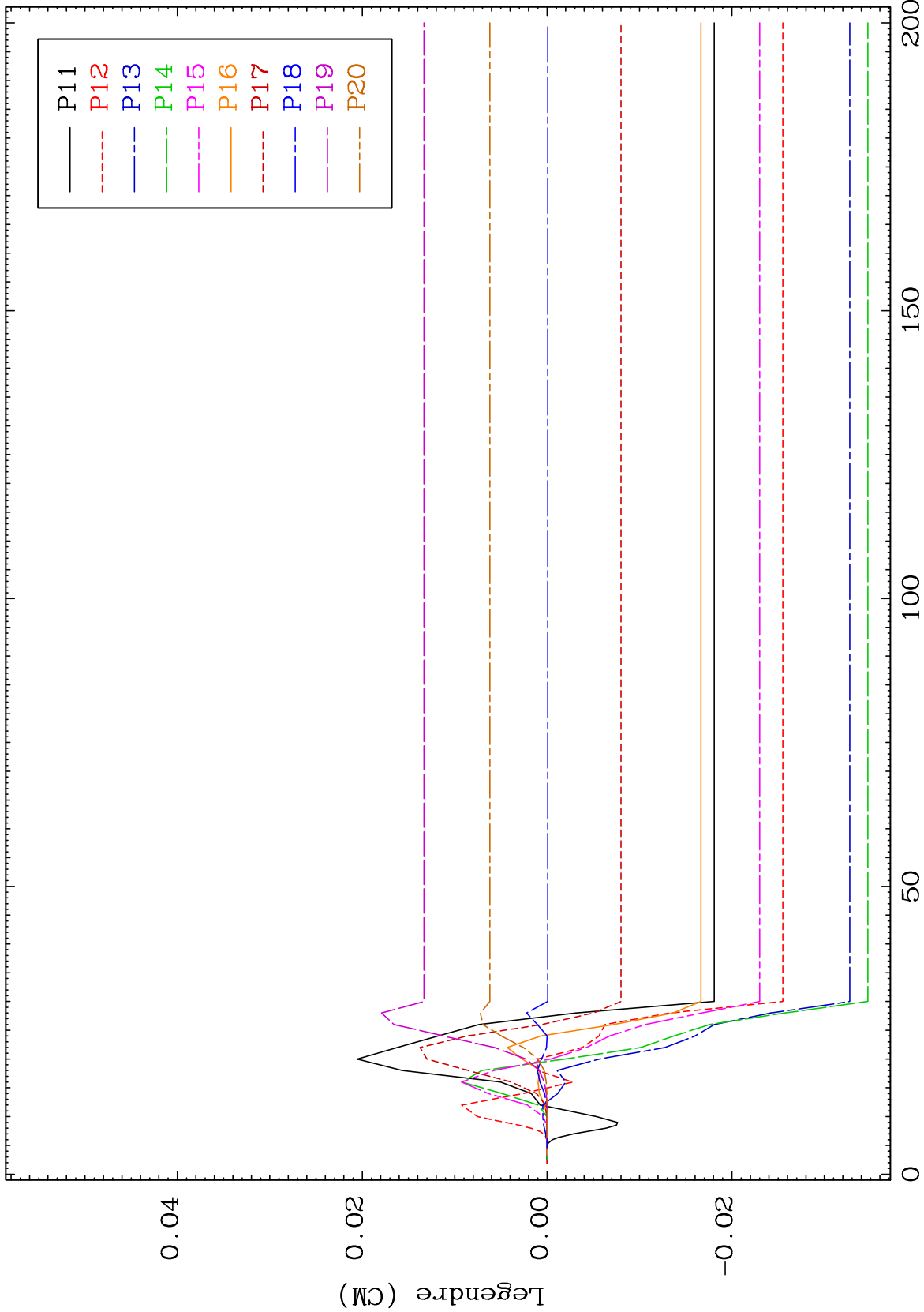
Incident Energy (MeV)

108

MAT 8095

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

81-Tl-193



109

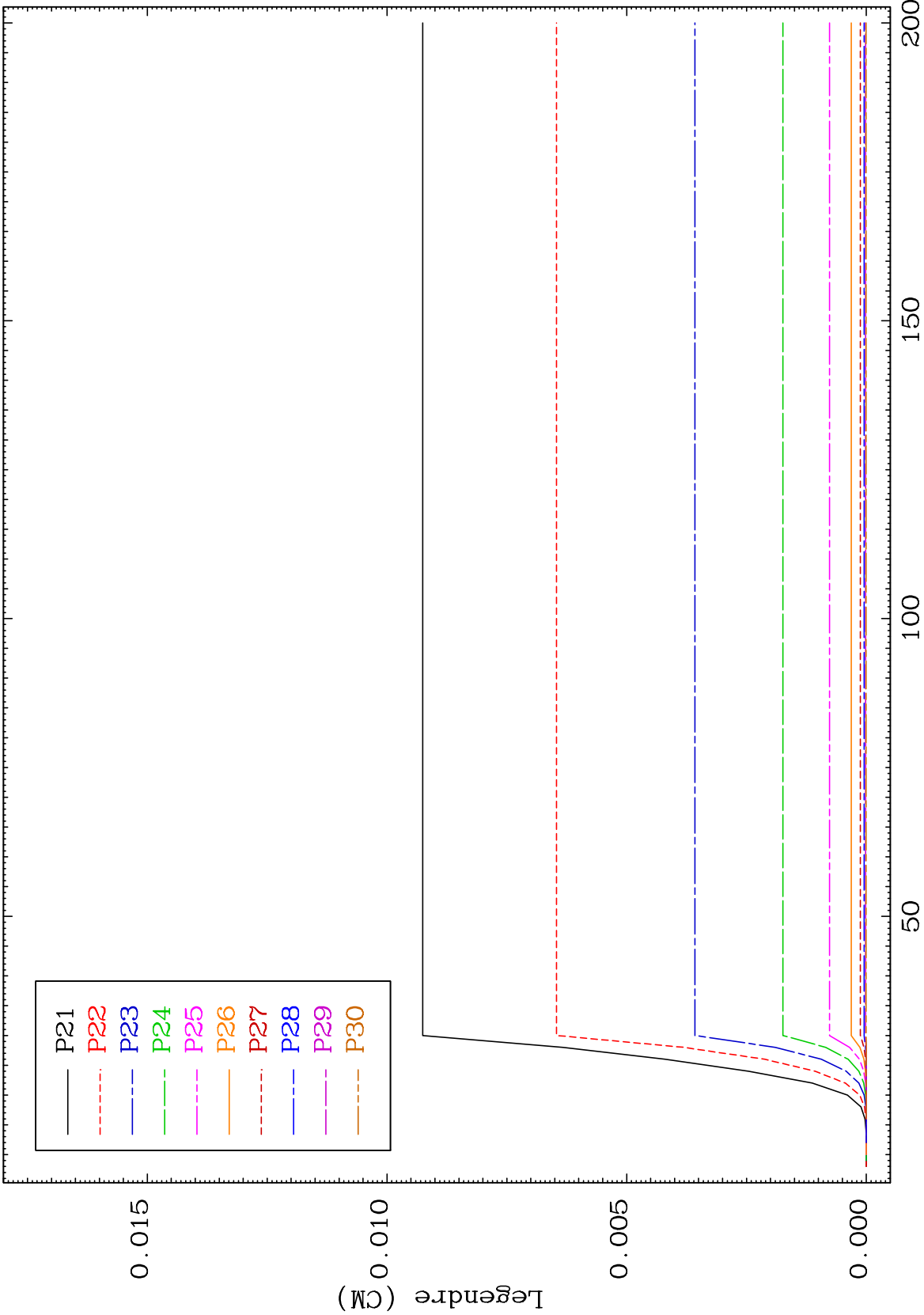
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



110

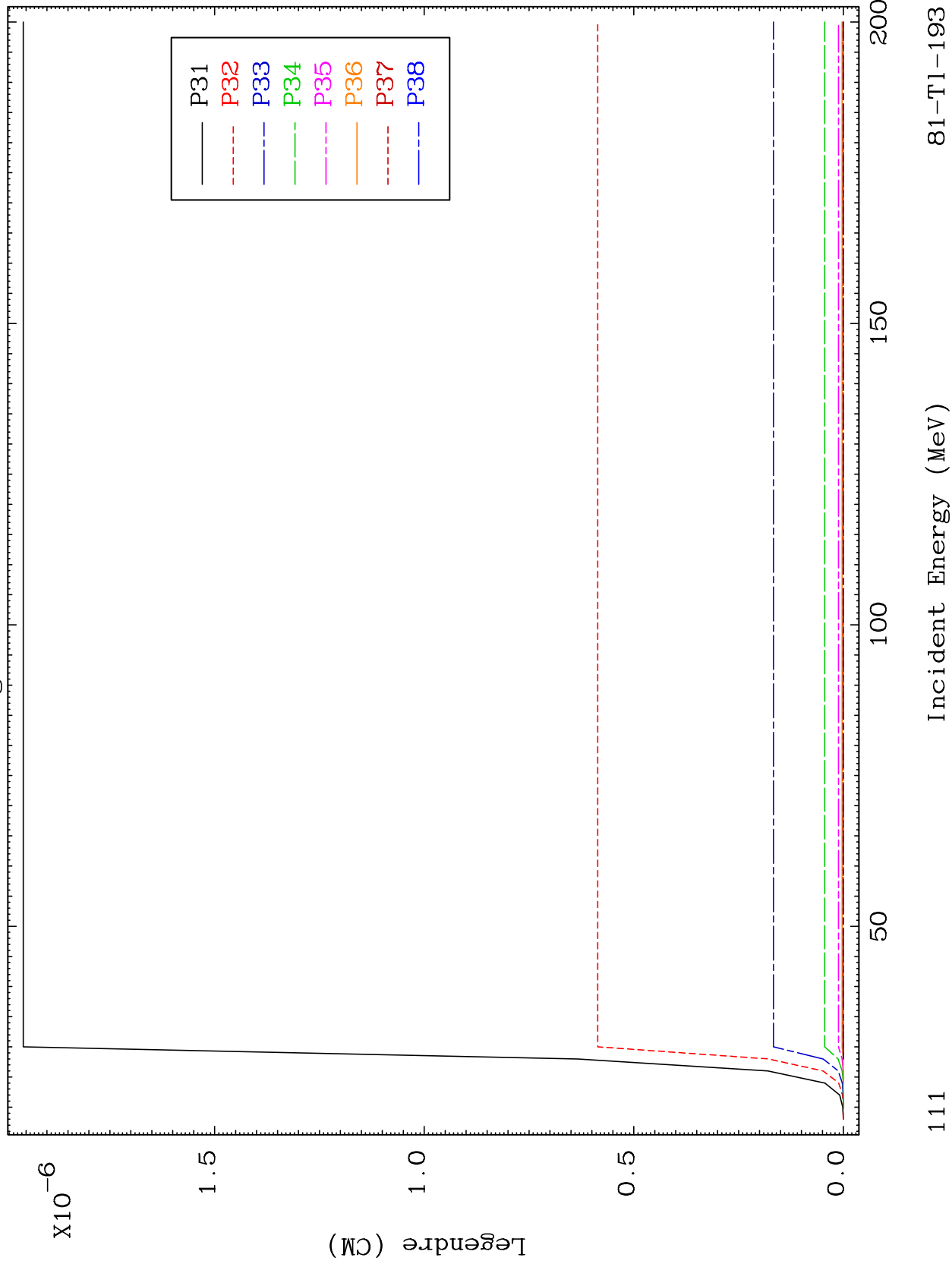
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193



111

Incident Energy (MeV)

81-T1-193

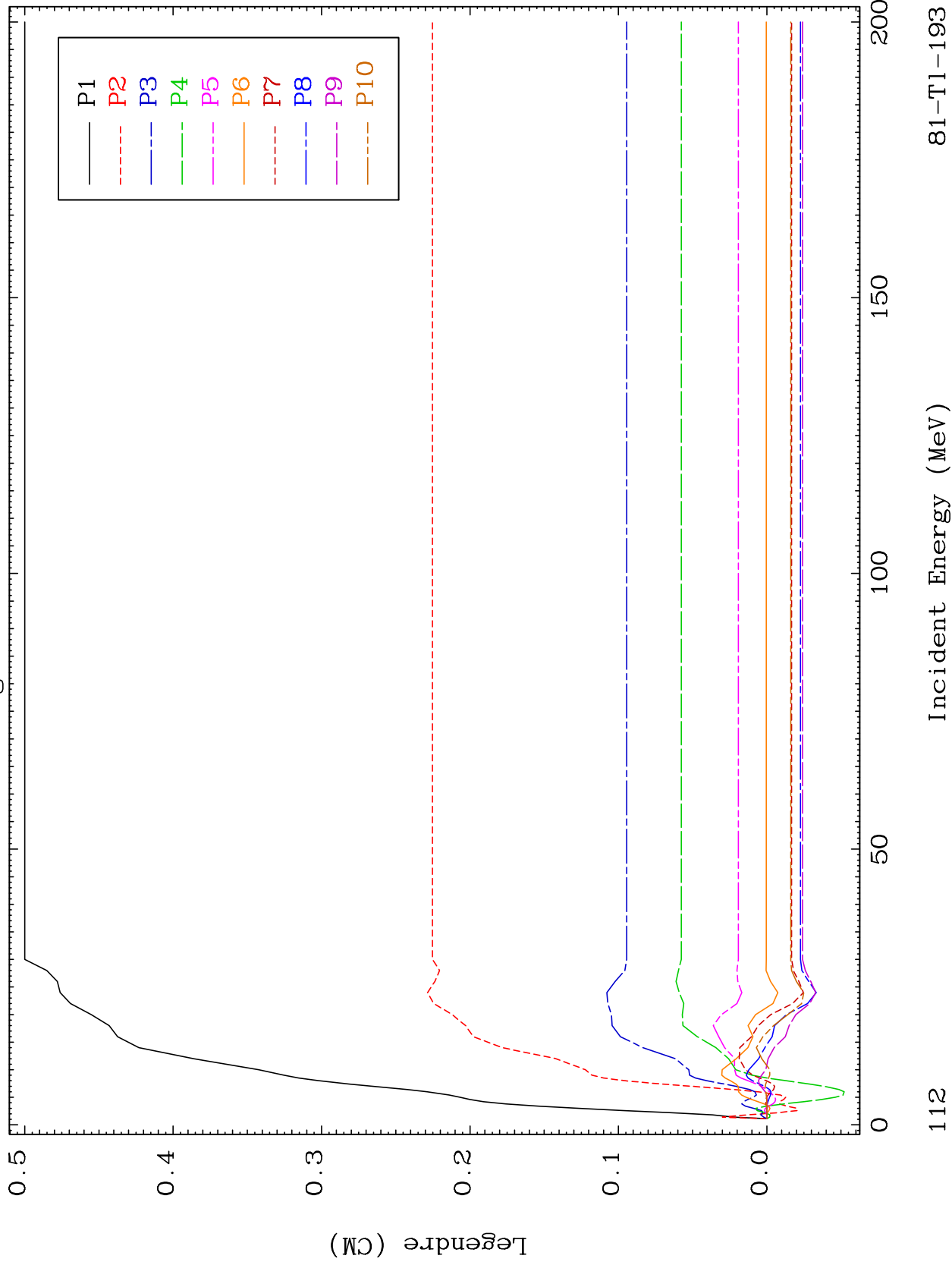


MAT 8095

MT= 74 (n,n') Level

81-Tl-193

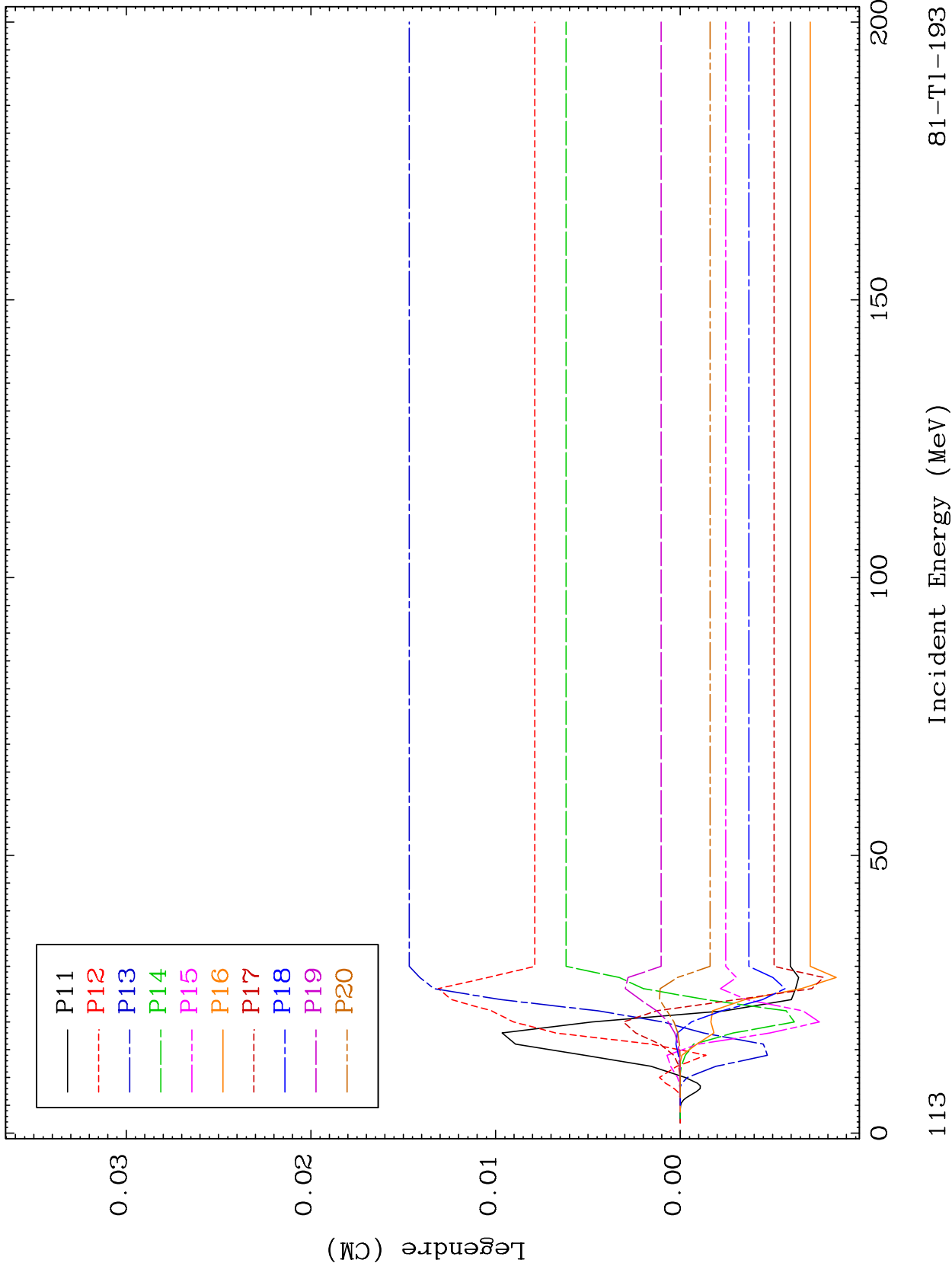
Legendre Coefficients



MAT 8095

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

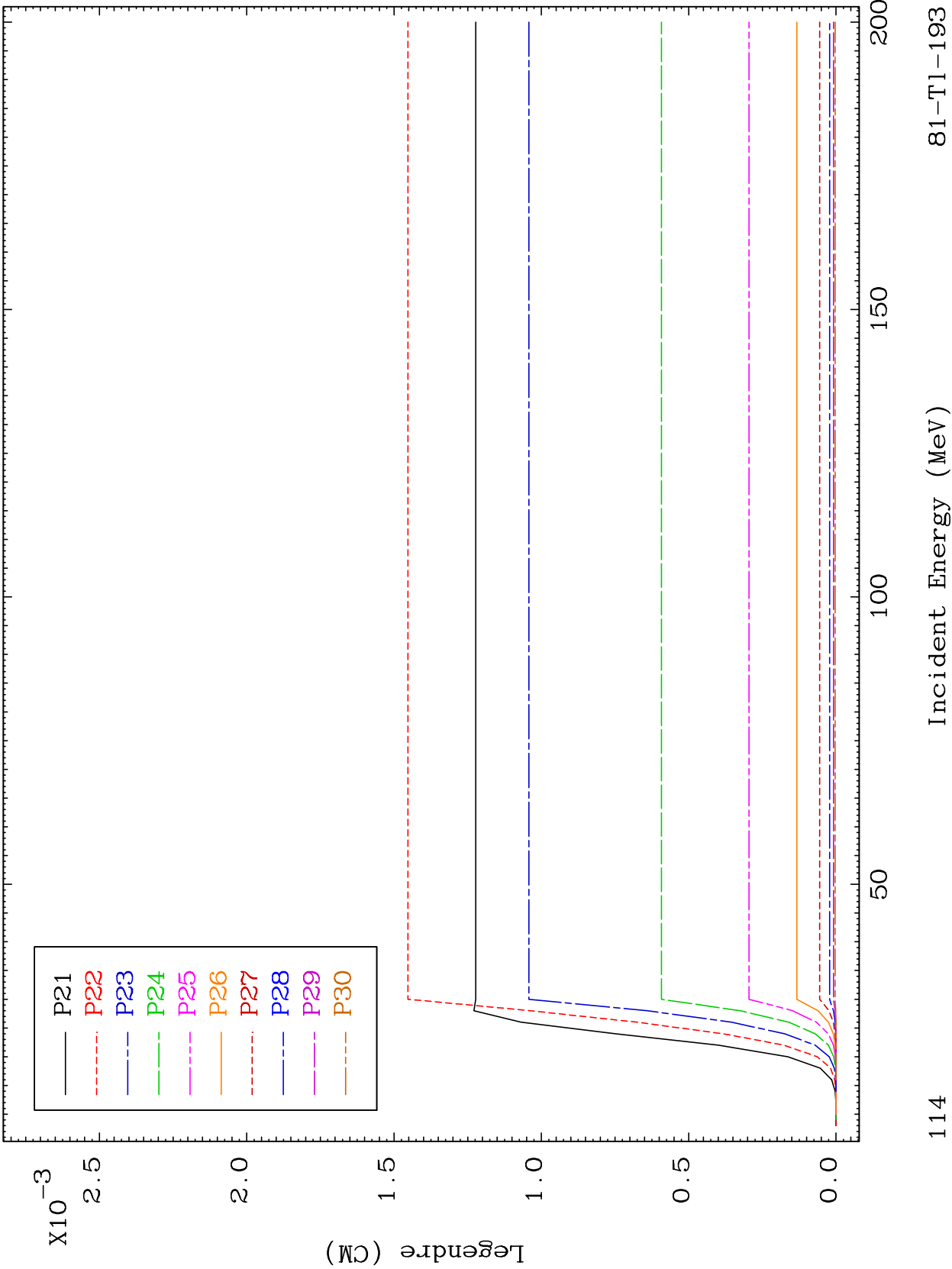
81-Tl-193



113

Incident Energy (MeV)

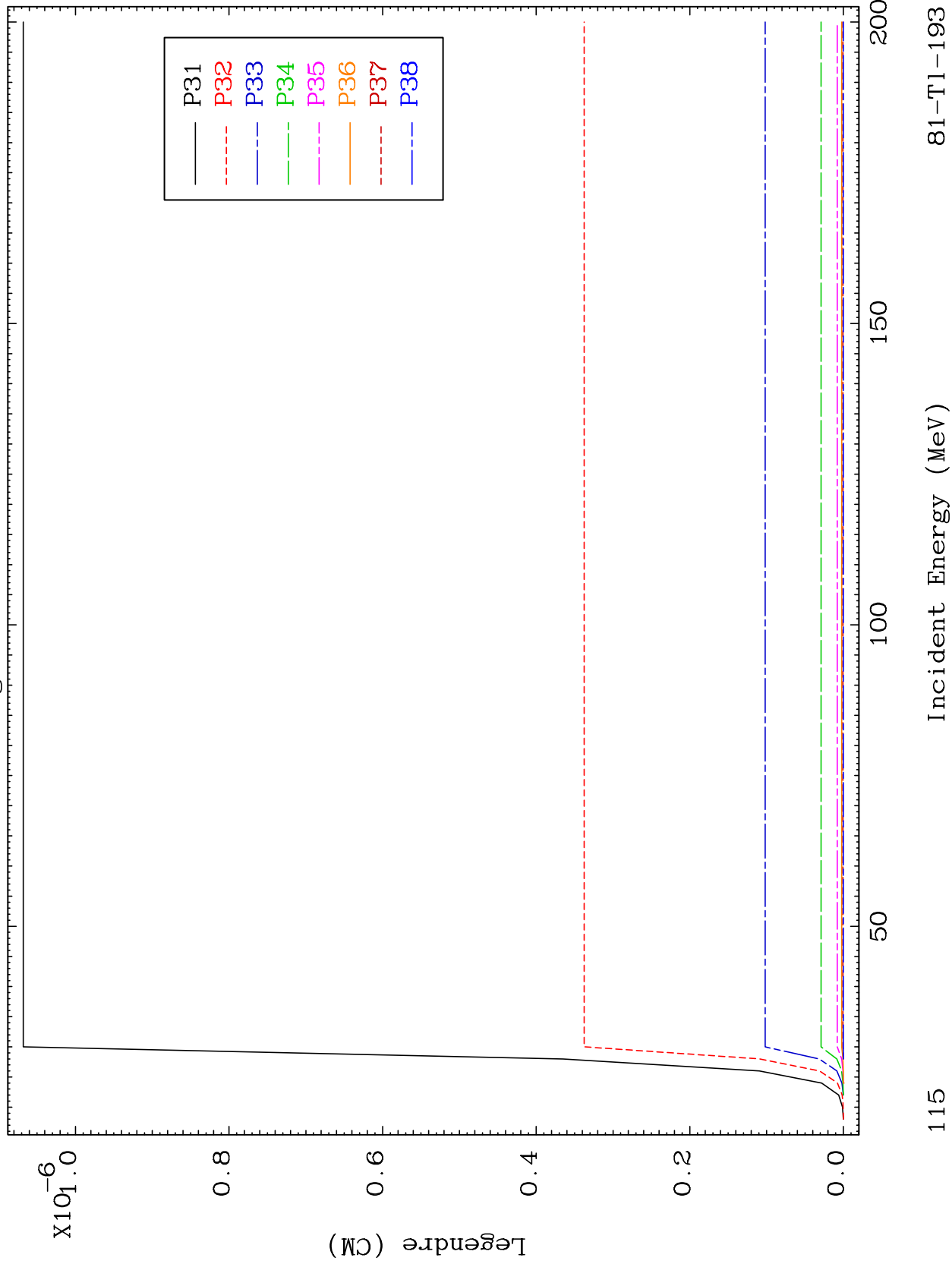
81-Tl-193



MAT 8095

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

81-Tl-193

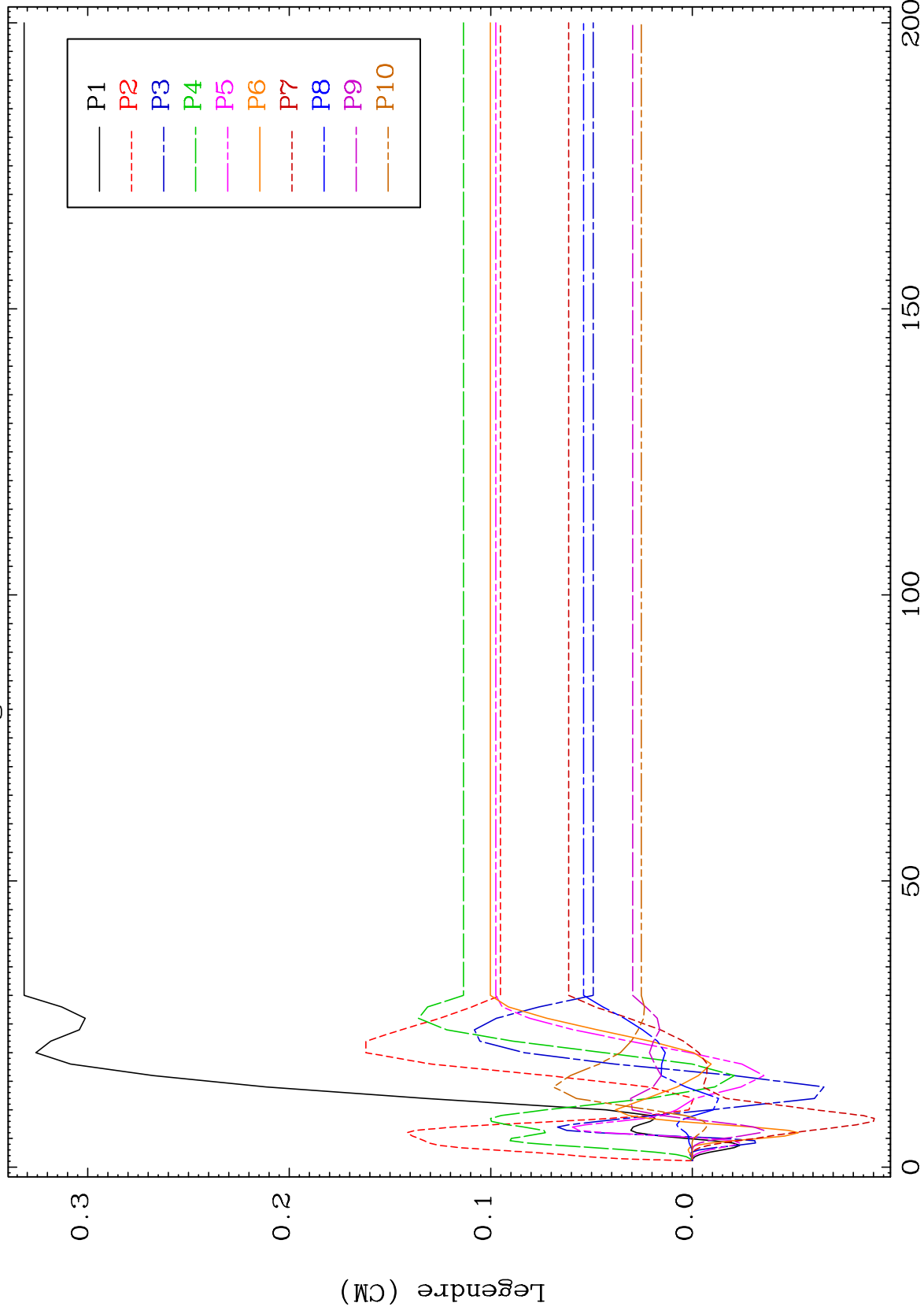


115

MAT 8095

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

81-Tl-193



116

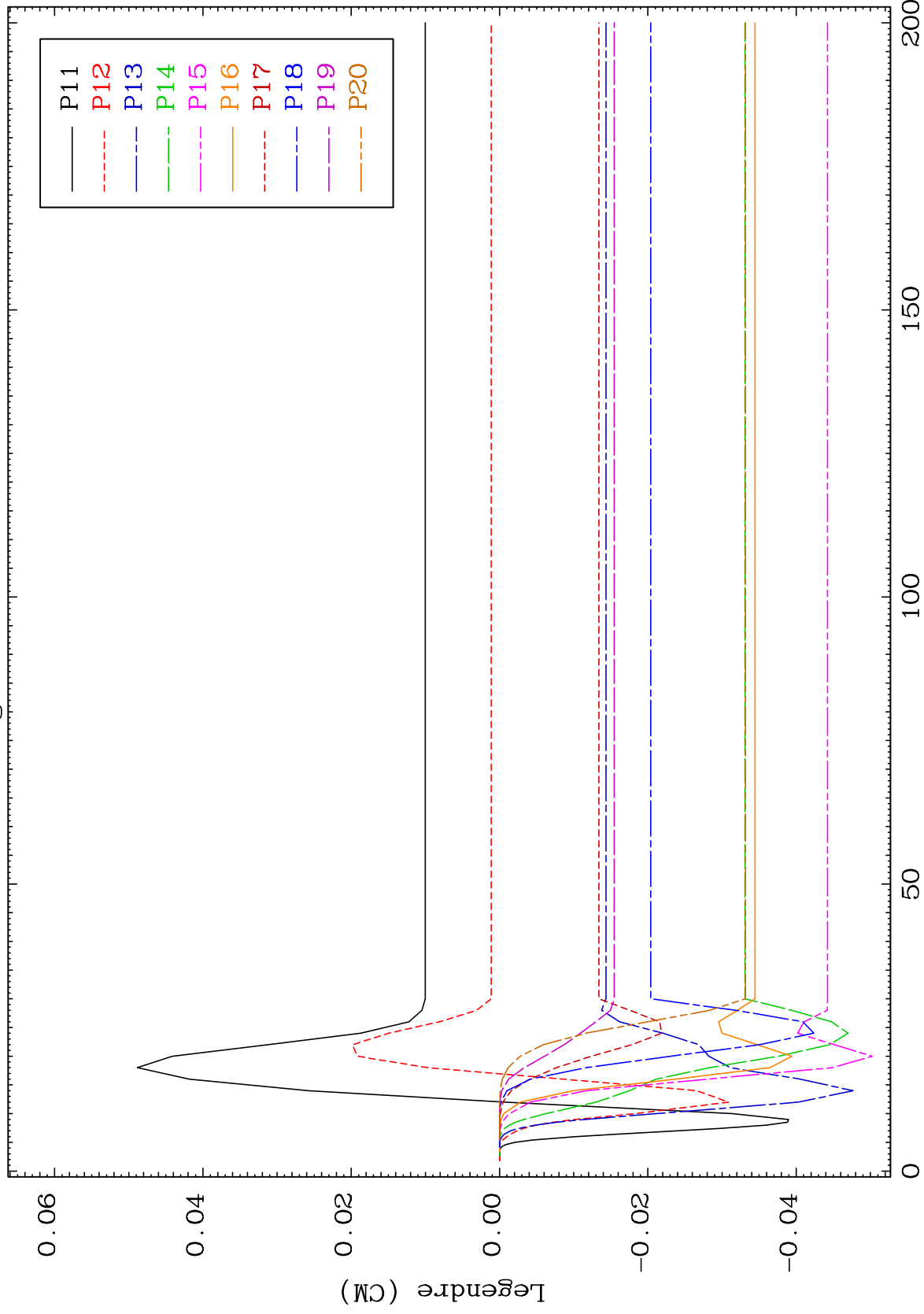
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193



117

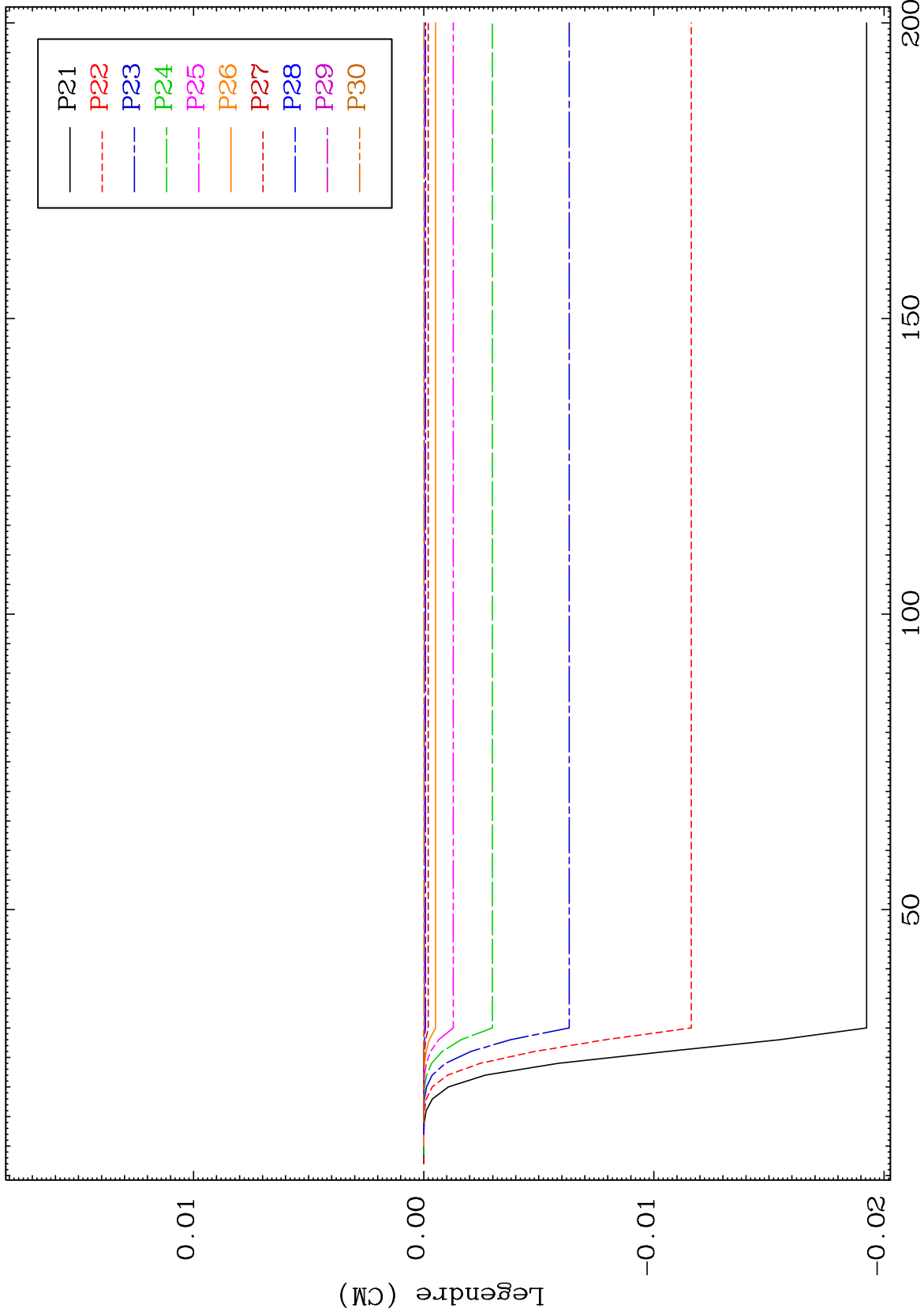
Incident Energy (MeV)

81-T1-193

MAT 8095

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

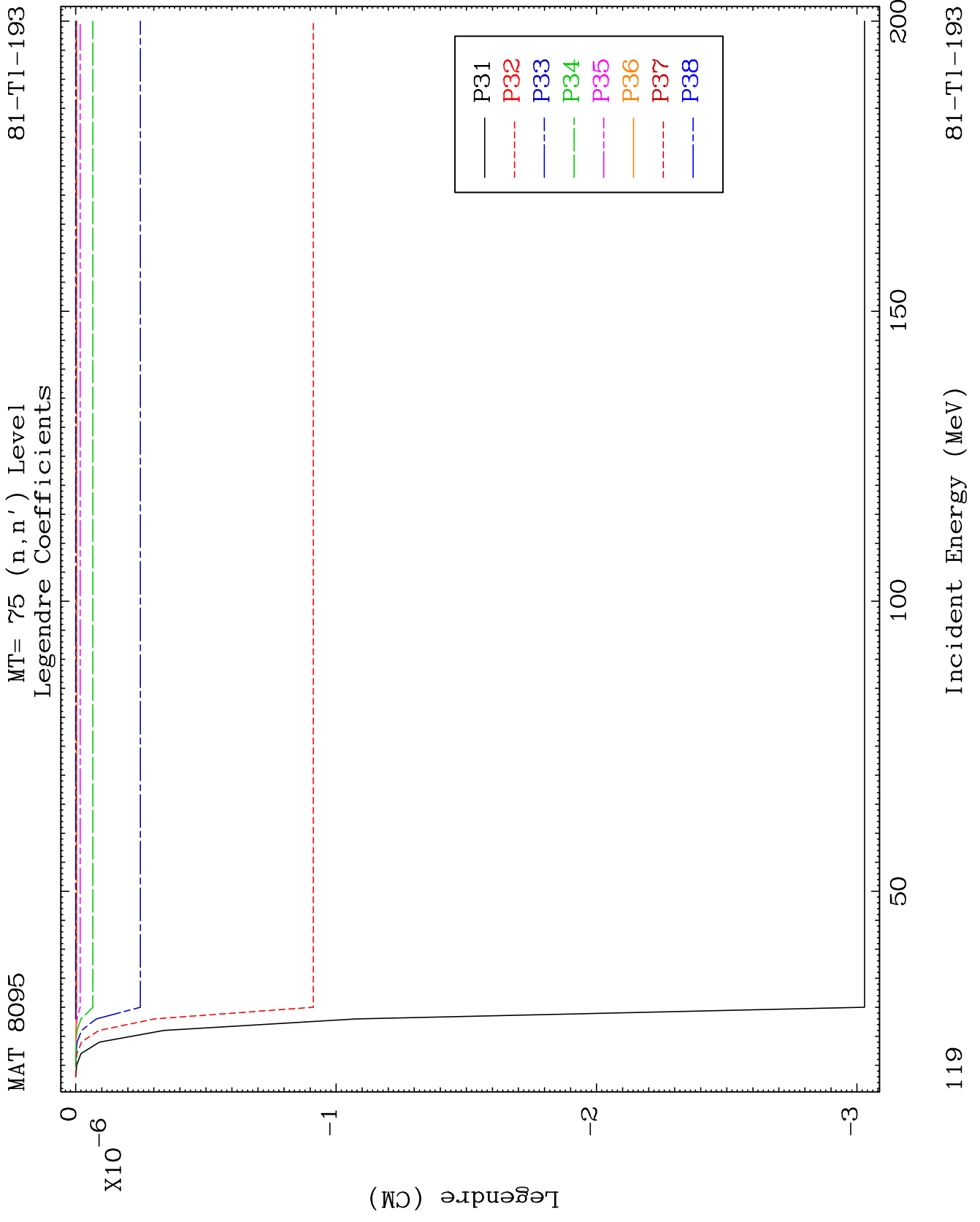
81-T1-193



118

Incident Energy (MeV)

81-T1-193



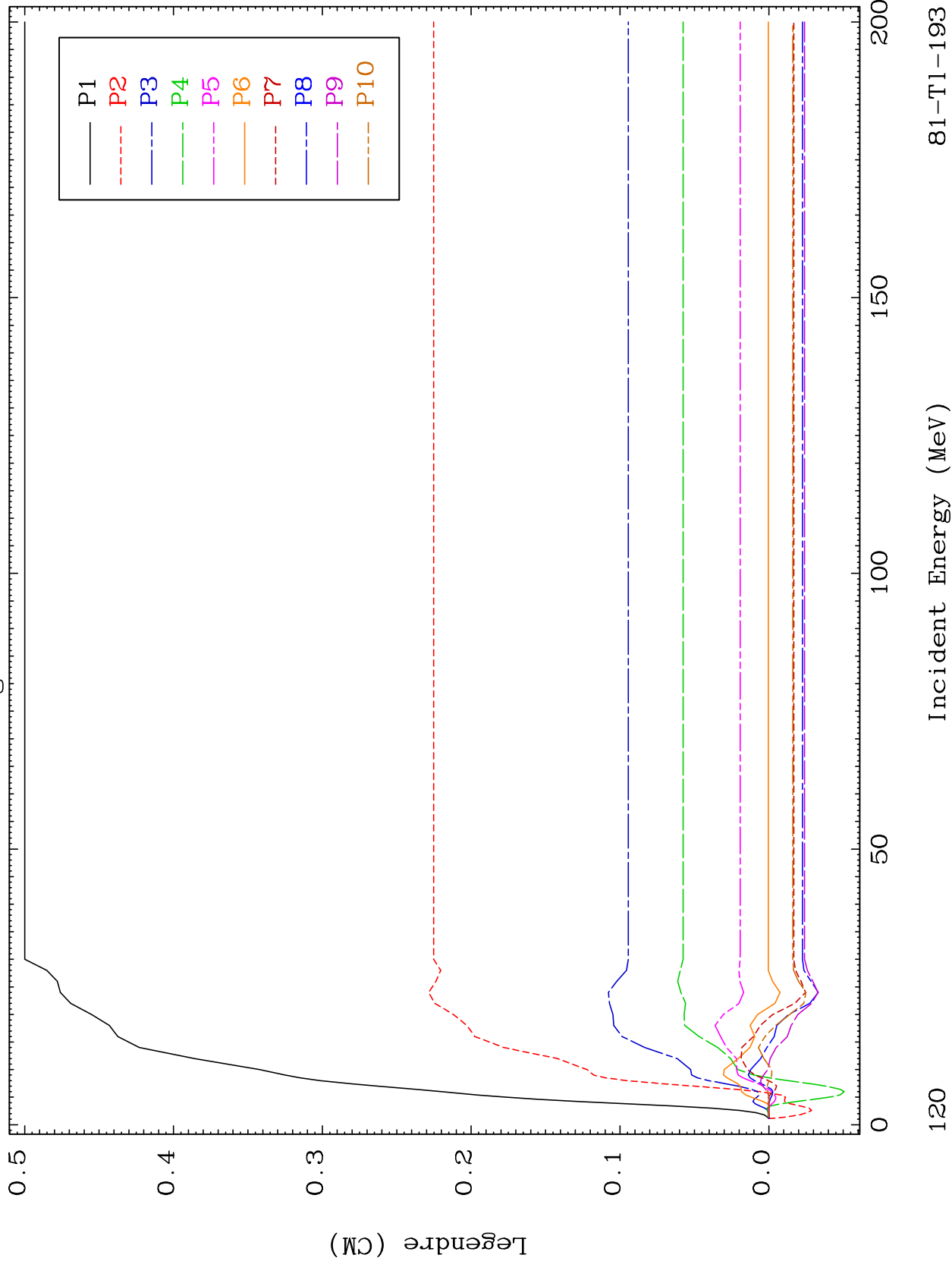


MAT 8095

MT= 76 (n,n') Level

81-Tl-193

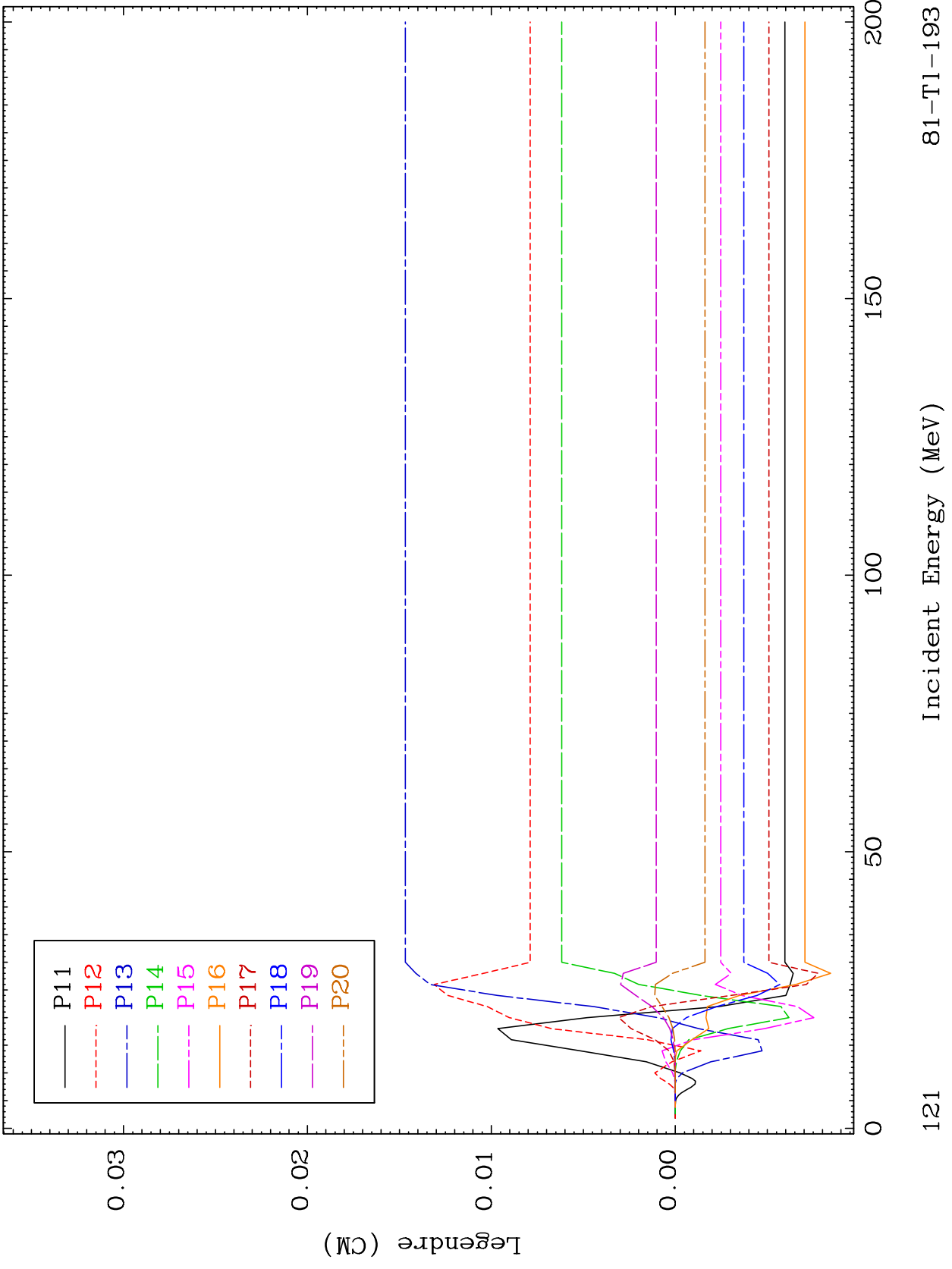
Legendre Coefficients



MAT 8095

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

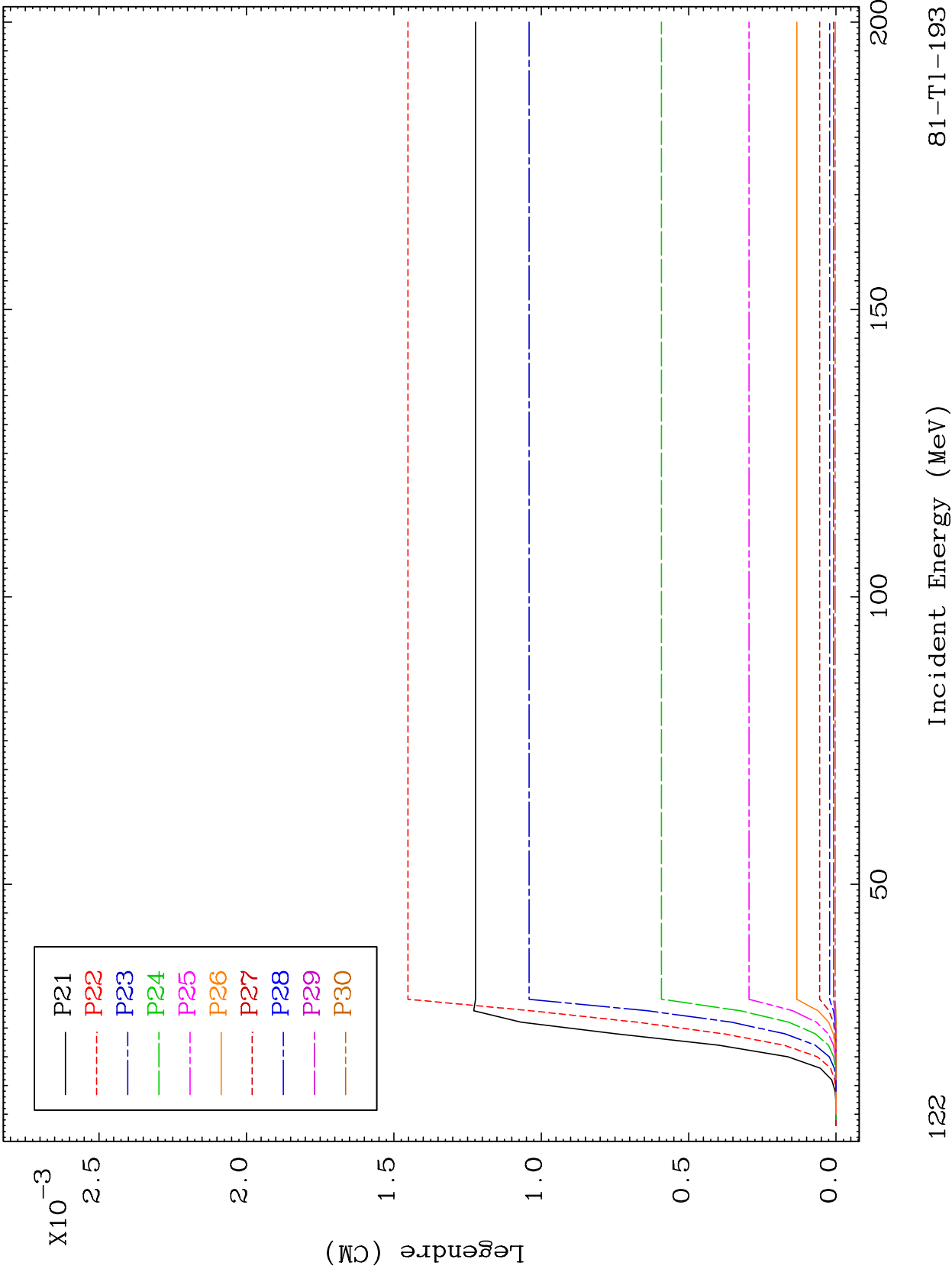
81-T1-193



121

Incident Energy (MeV)

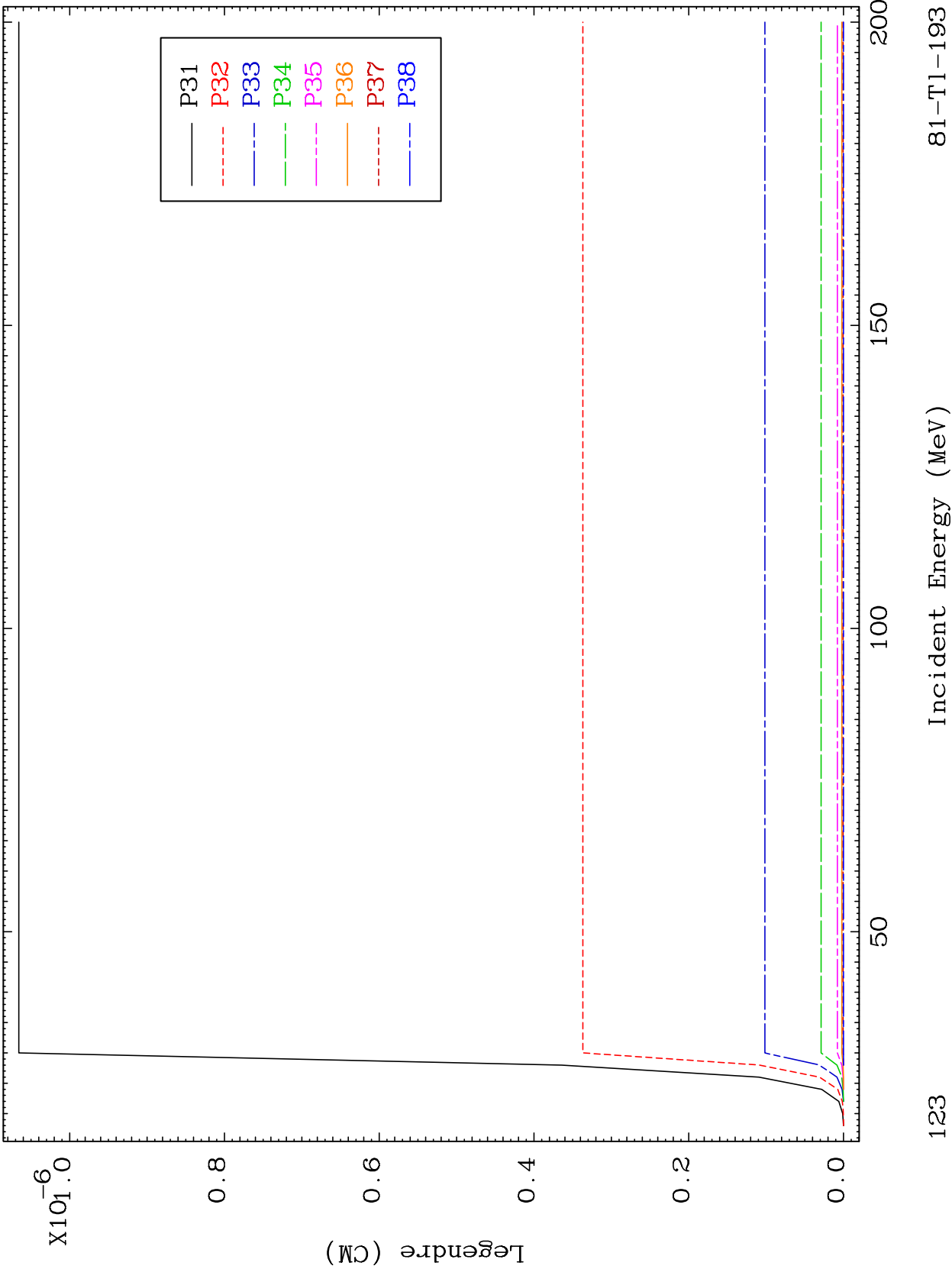
81-T1-193



MAT 8095

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

81-Tl-193



123

Incident Energy (MeV)

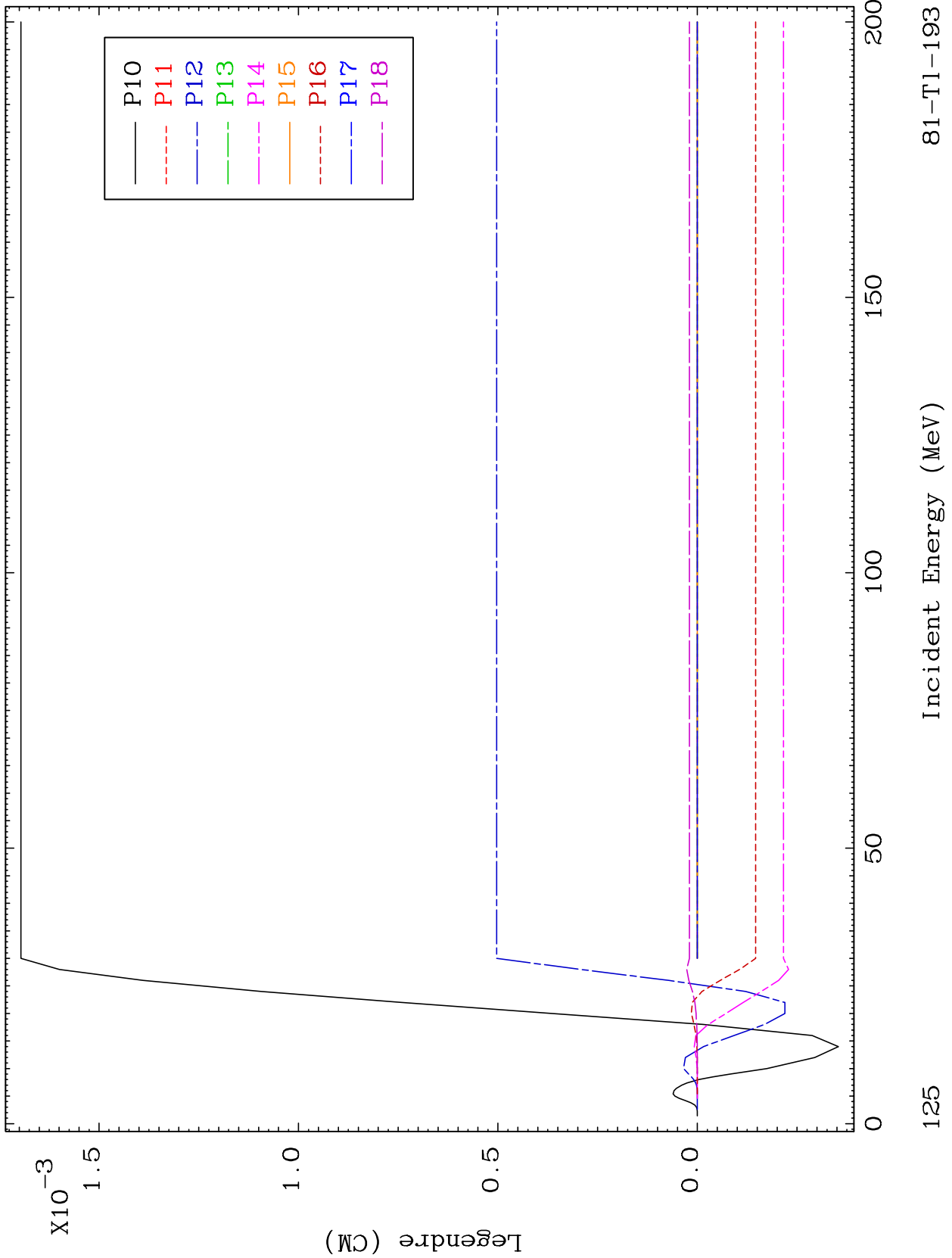
81-Tl-193



MAT 8095

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

81-Tl-193

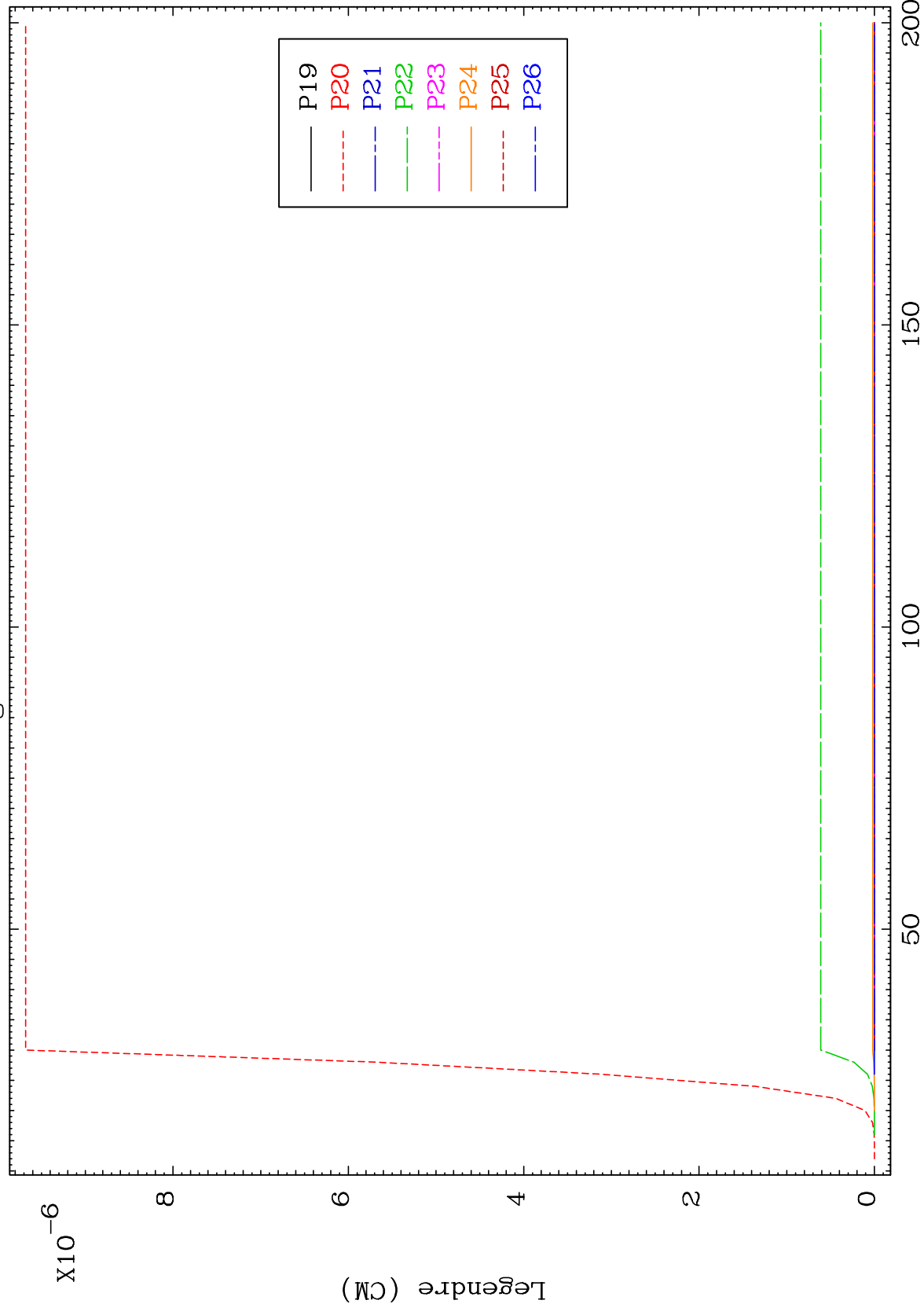


81-Tl-193

MAT 8095

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

81-T1-193



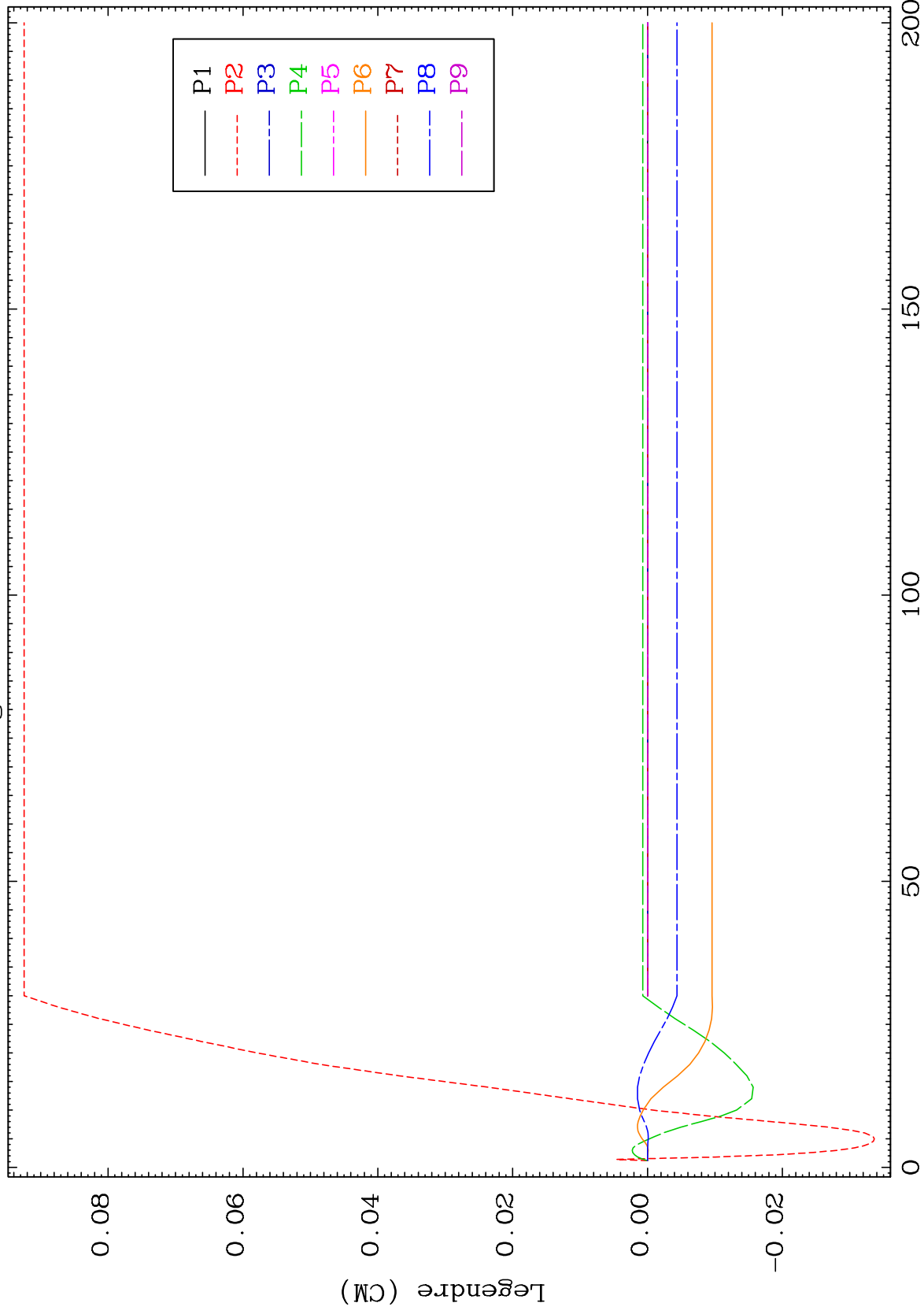
126

81-T1-193

MAT 8095

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

81-T1-193

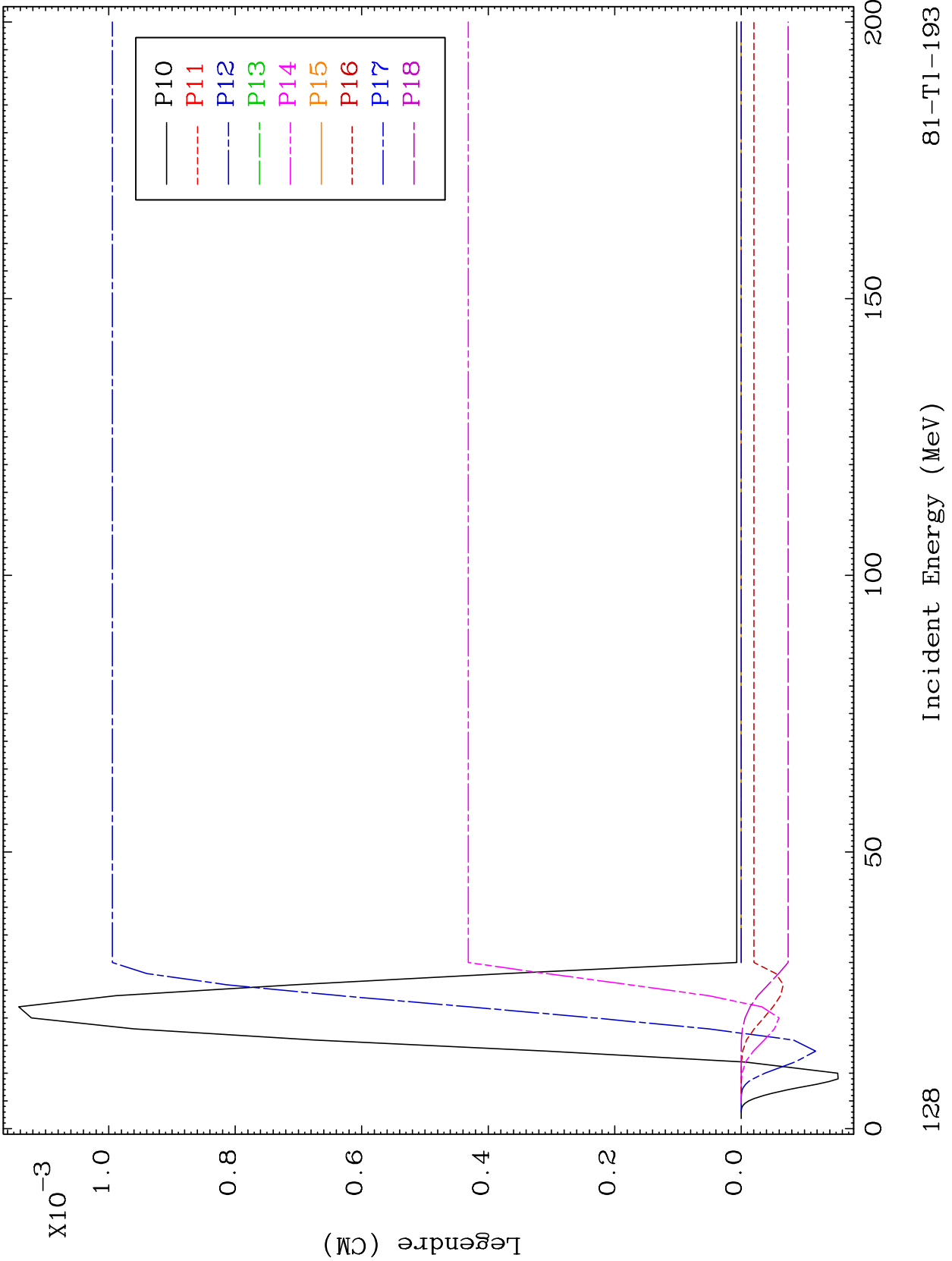


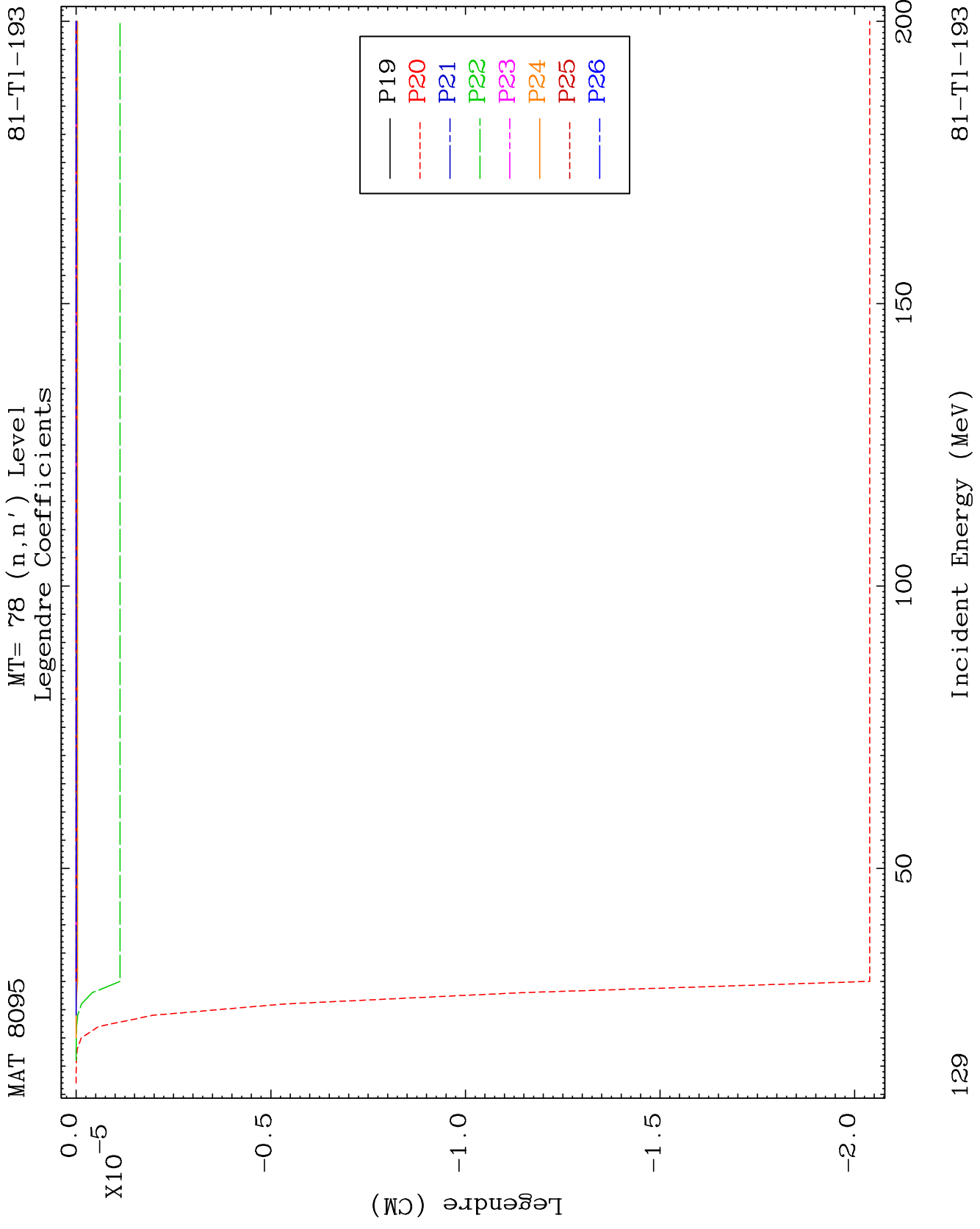
127

Incident Energy (MeV)

81-T1-193





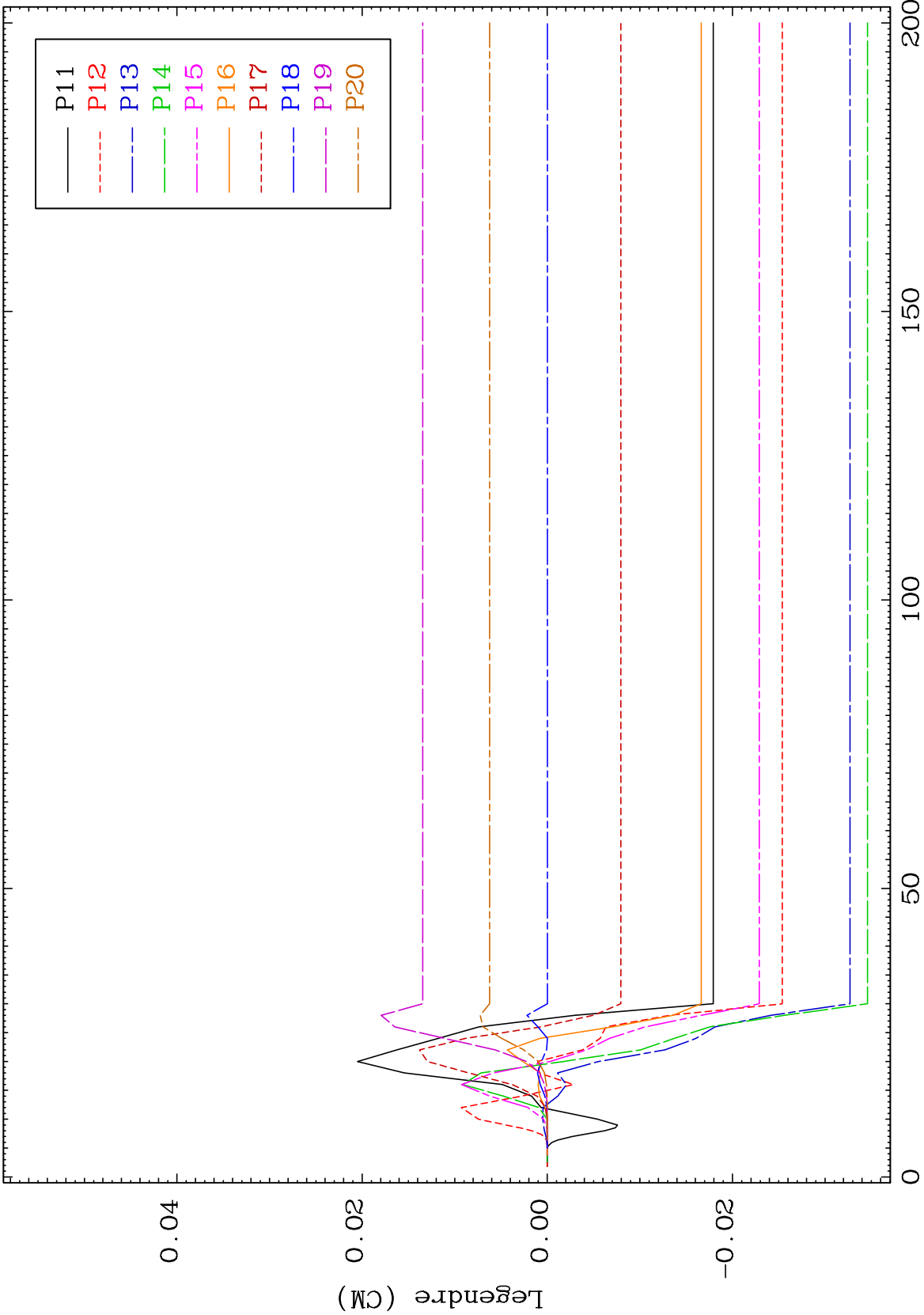




MAT 8095

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

81-T1-193



131

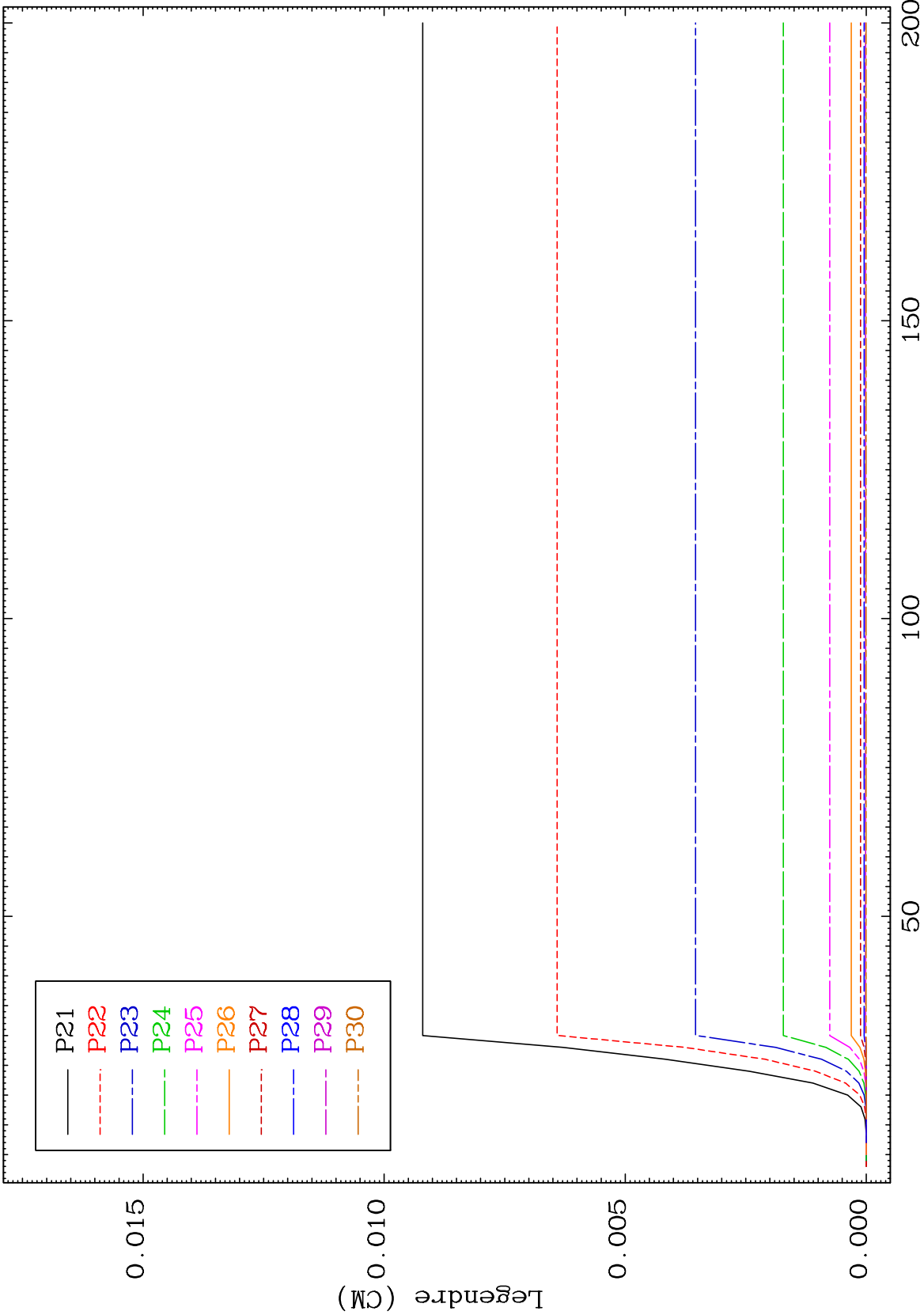
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-Tl-193



132

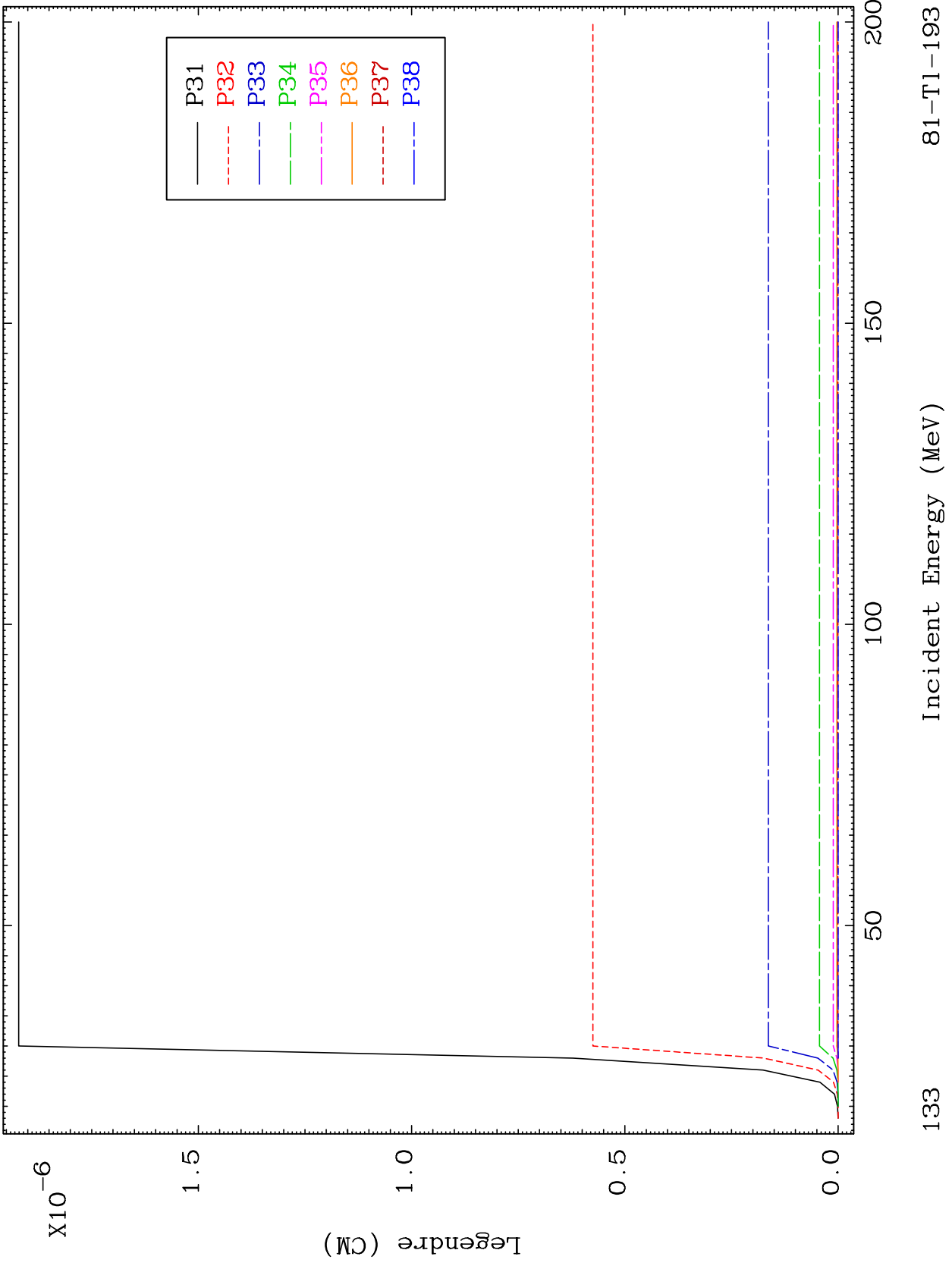
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



133

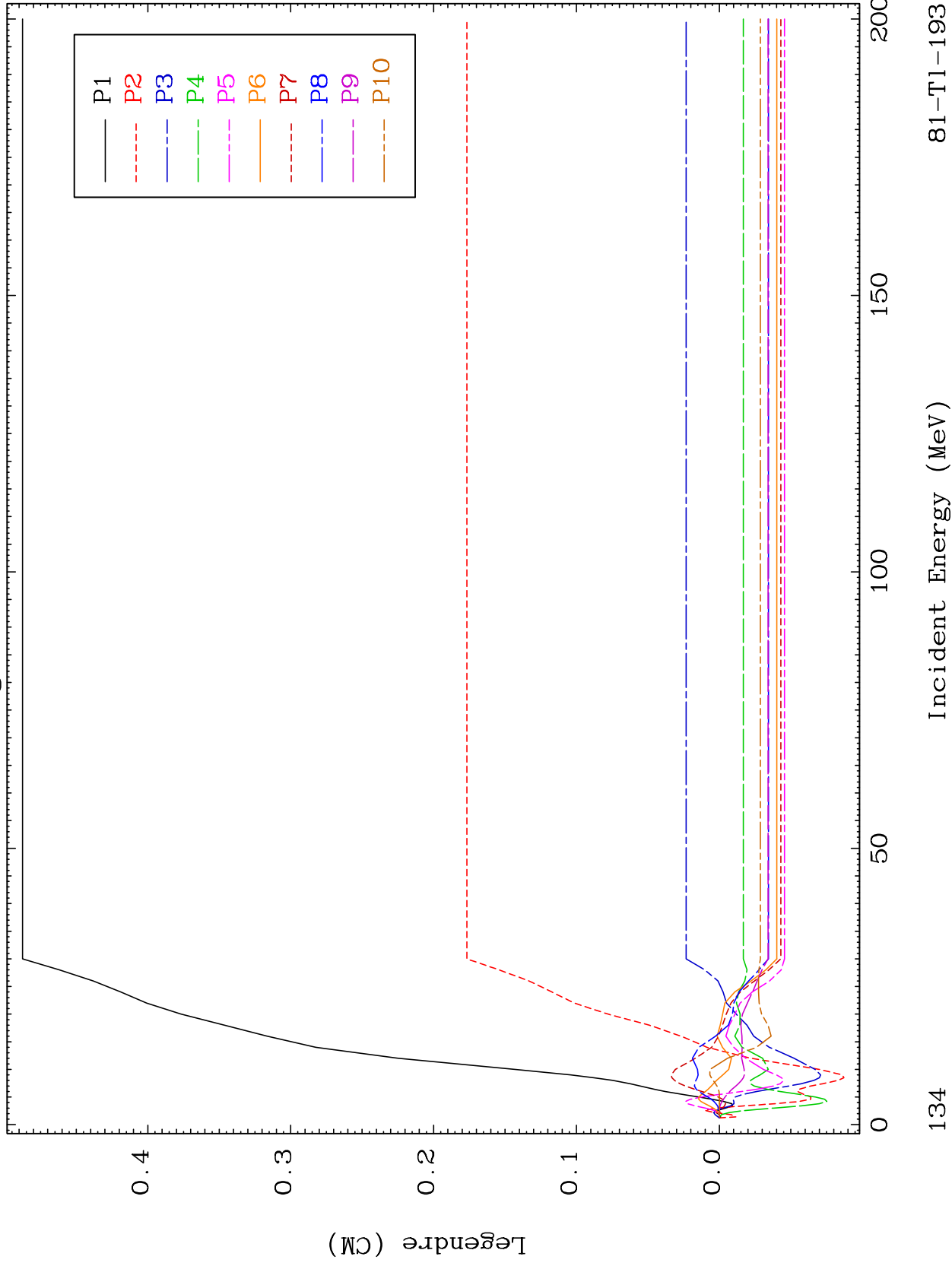
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

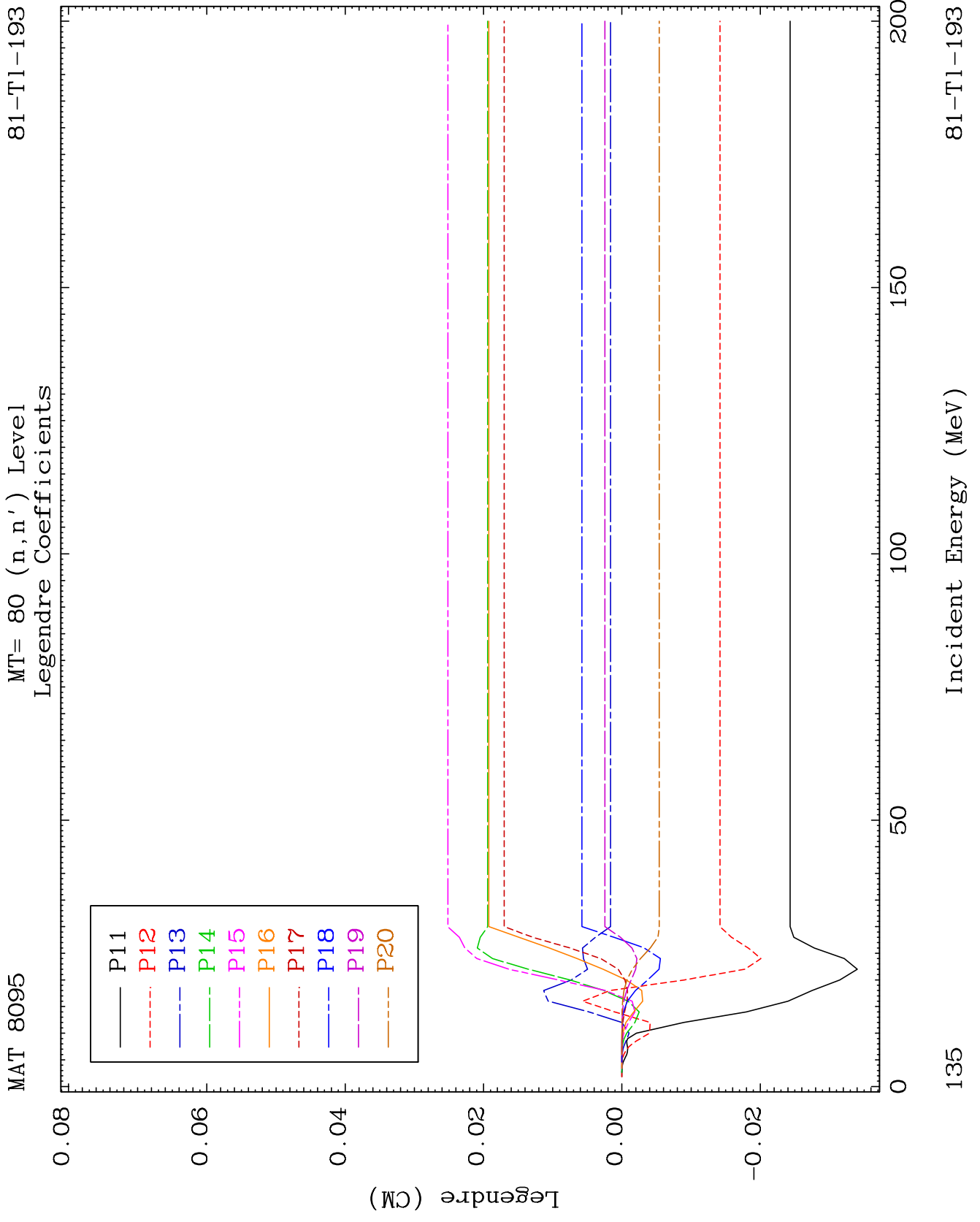
81-Tl-193



81-Tl-193

Incident Energy (MeV)

134

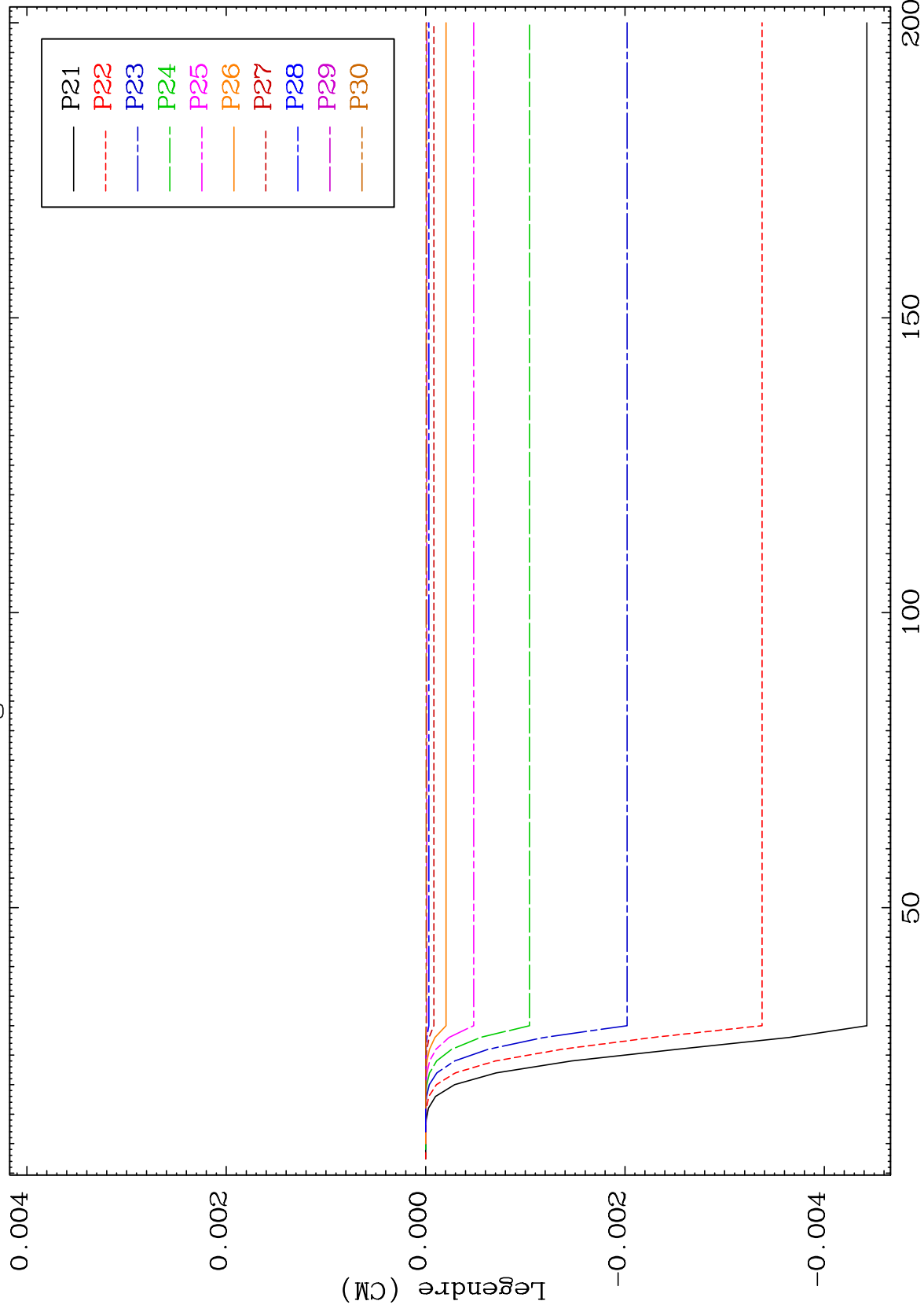




MAT 8095

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

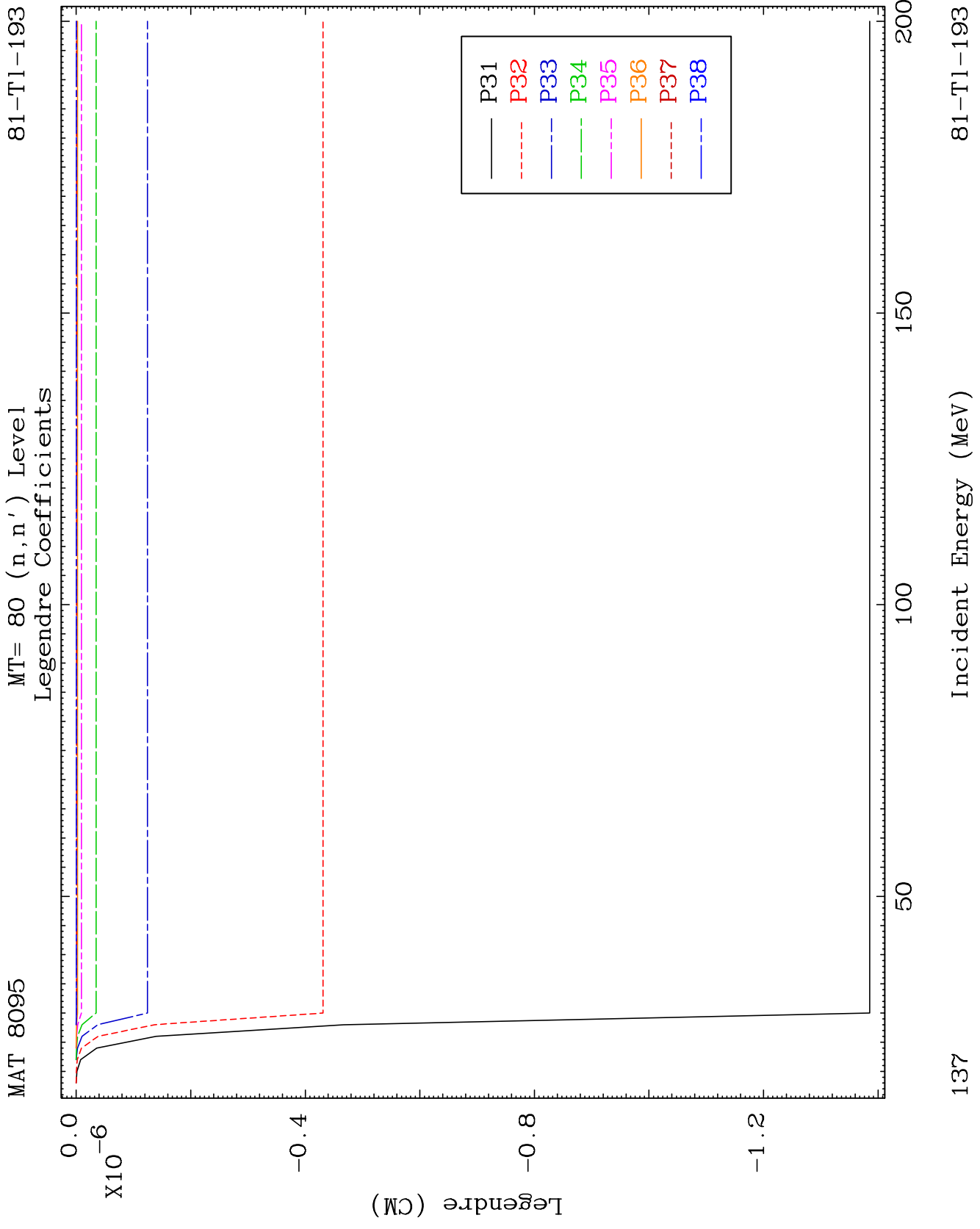
81-T1-193



136

Incident Energy (MeV)

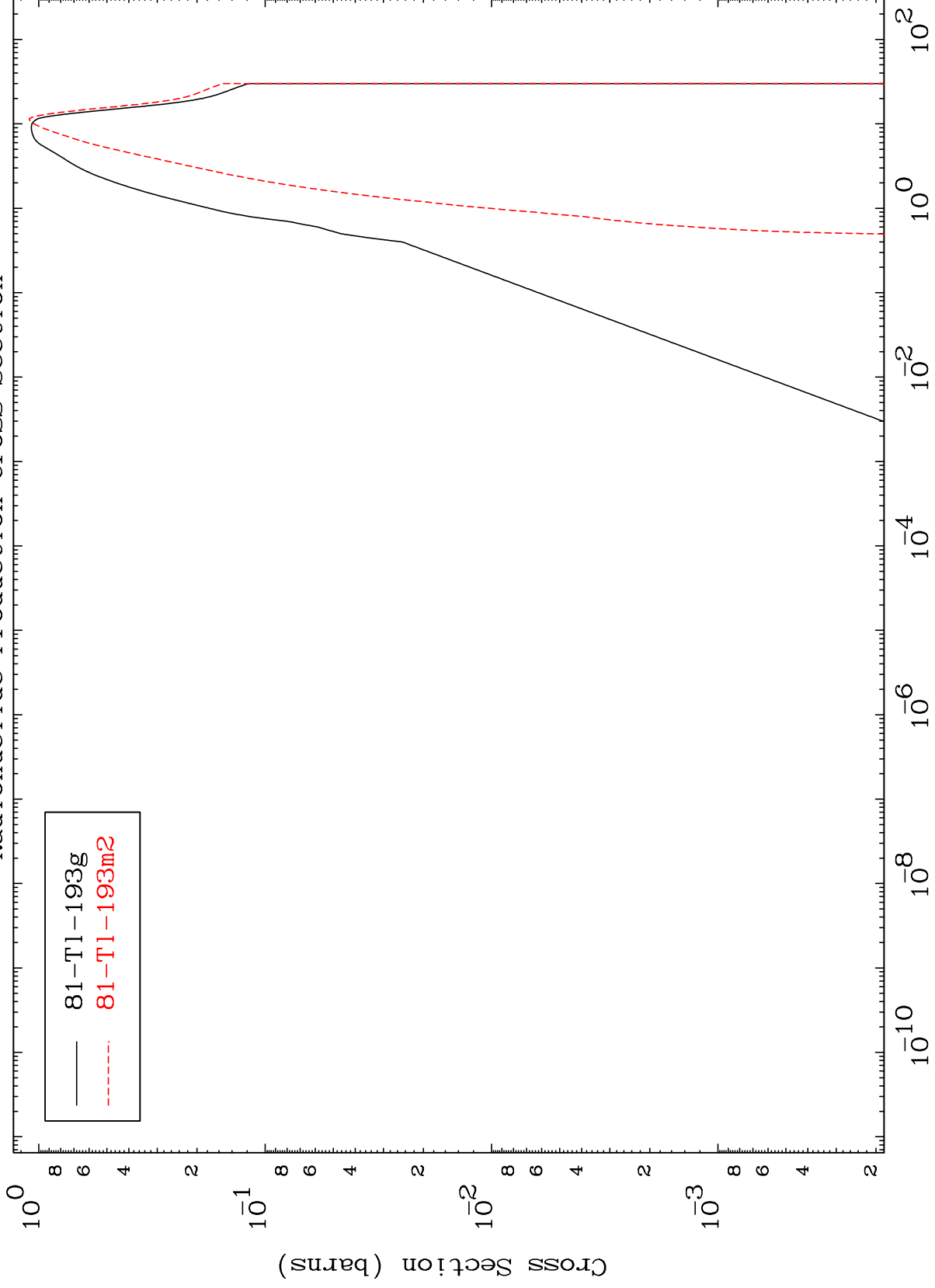
81-T1-193



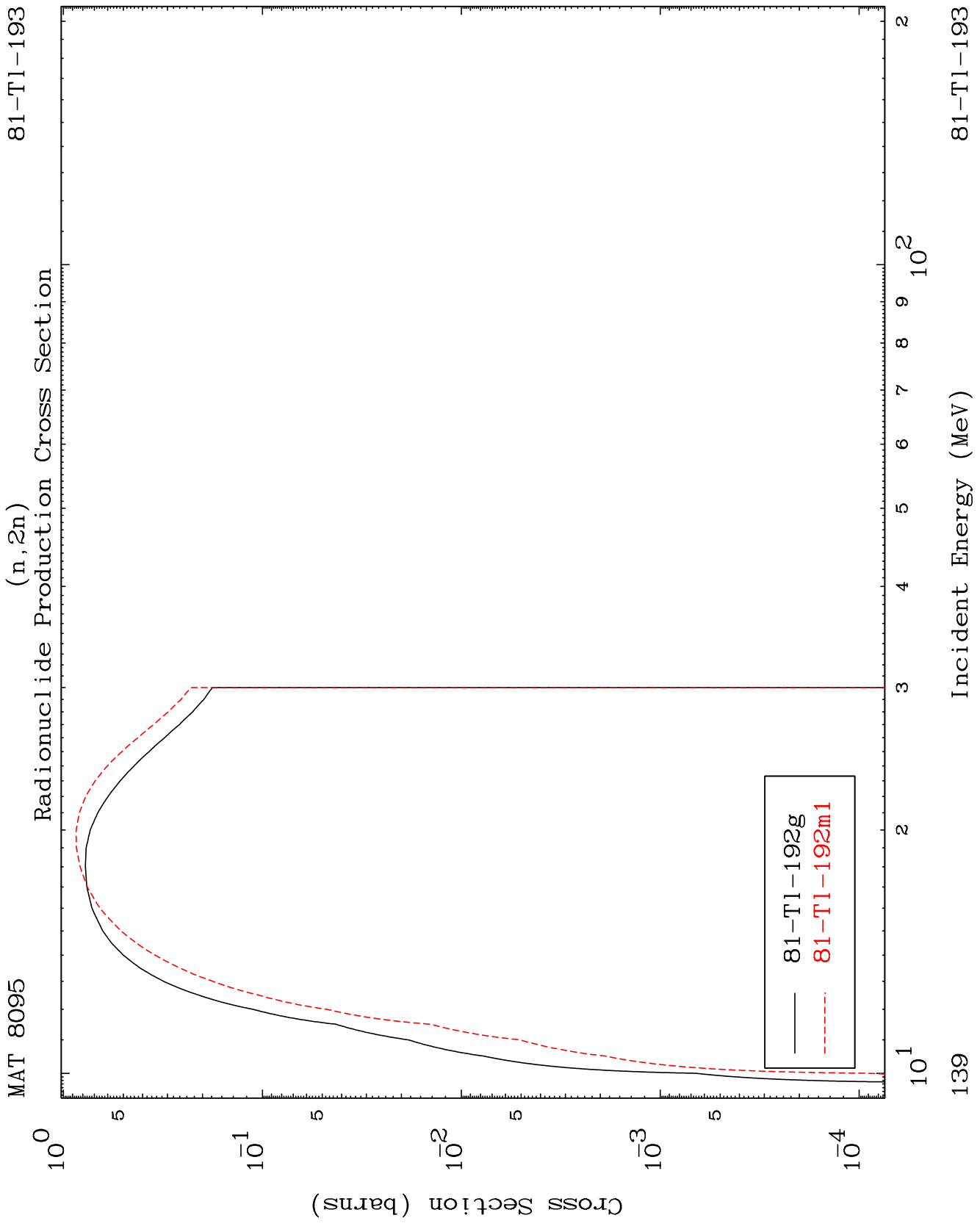
MAT 8095

Inelastic  
Radionuclide Production Cross Section

81-Tl-193



81-Tl-193

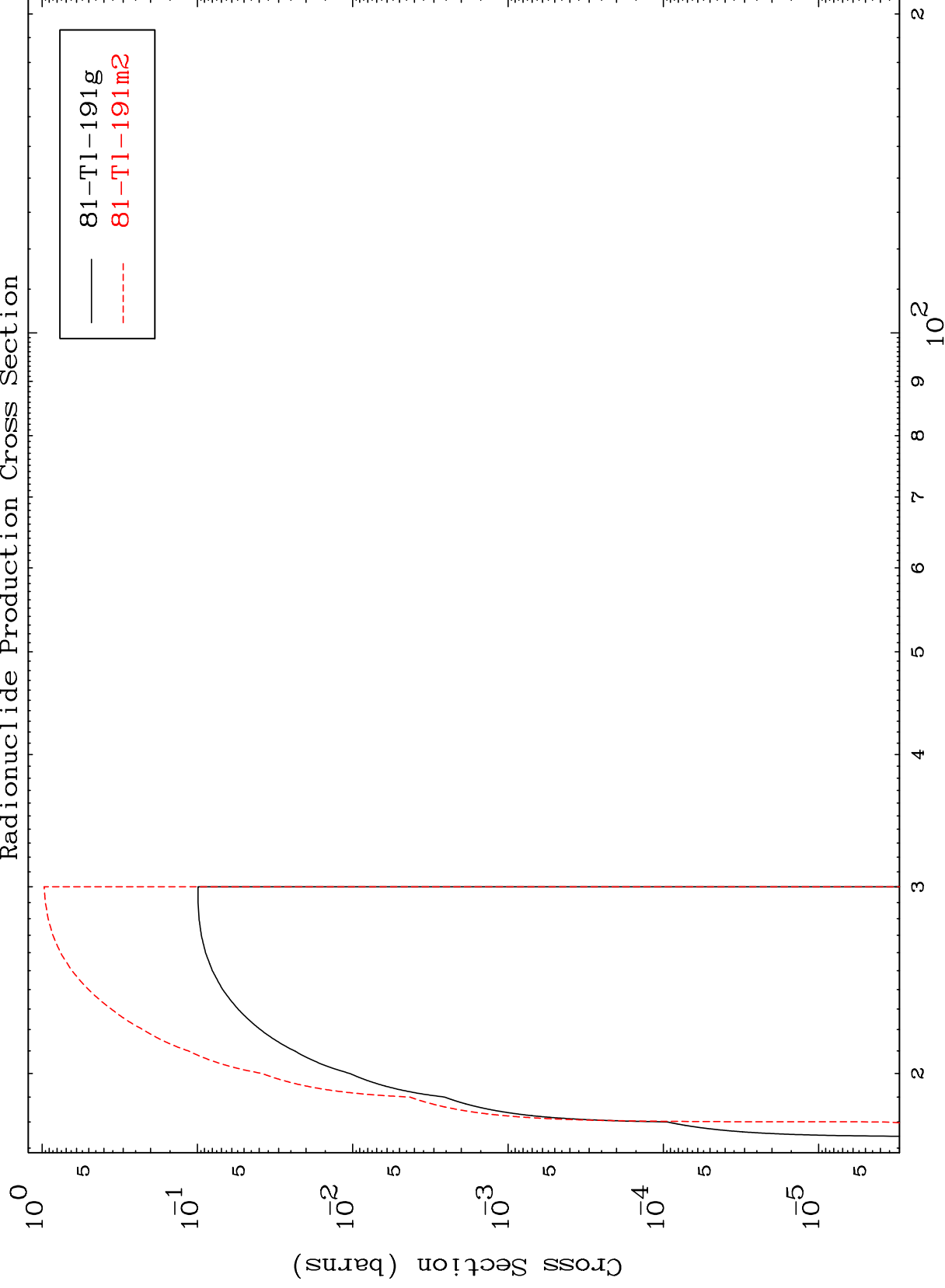


MAT 8095

(n,3n)

81-Tl-193

Radionuclide Production Cross Section



140

Incident Energy (MeV)

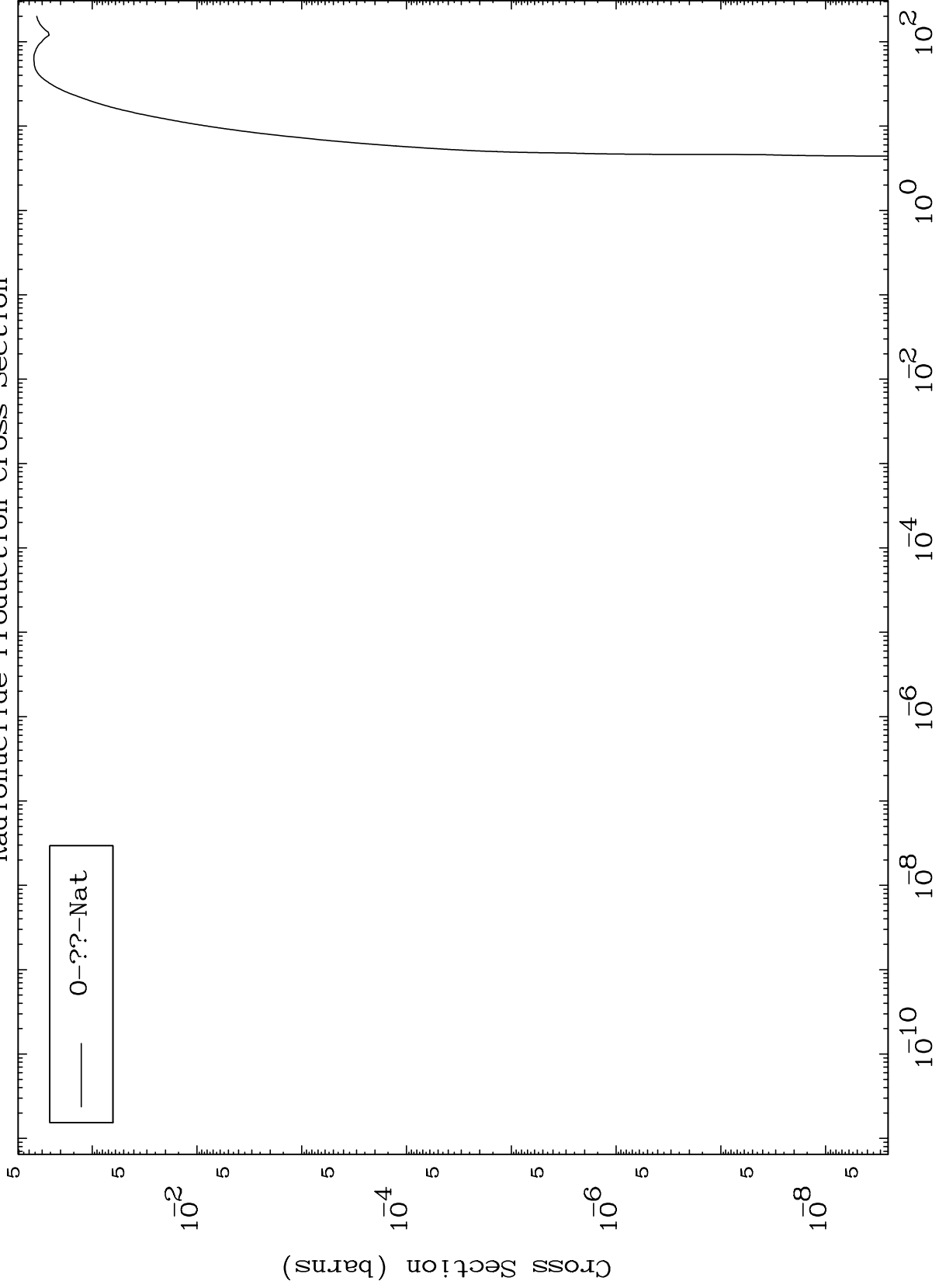
81-Tl-193

MAT 8095

Fission

81-Tl-193

Radionuclide Production Cross Section



141

Incident Energy (MeV)

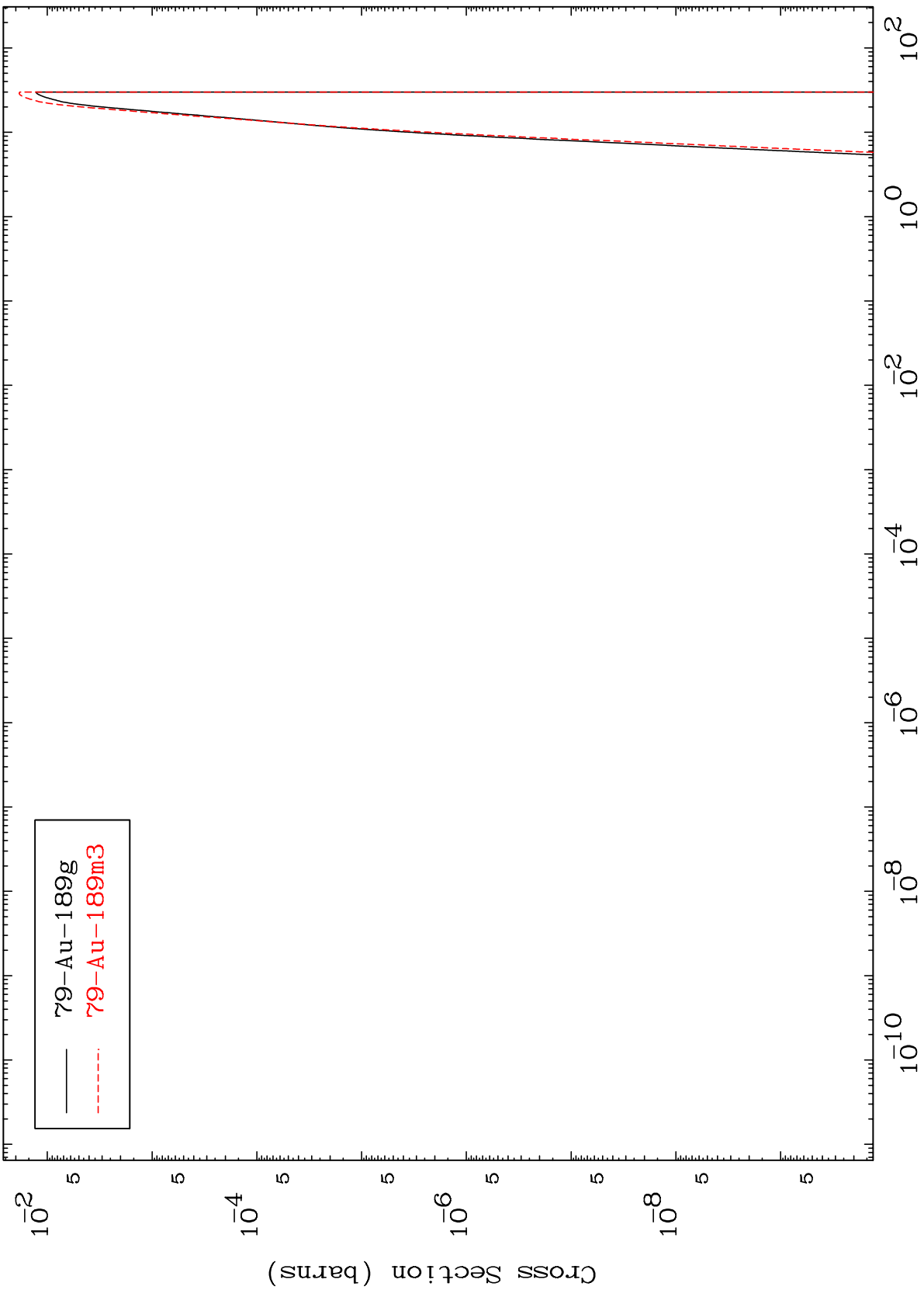
81-Tl-193

MAT 8095

$(n, n') \alpha$

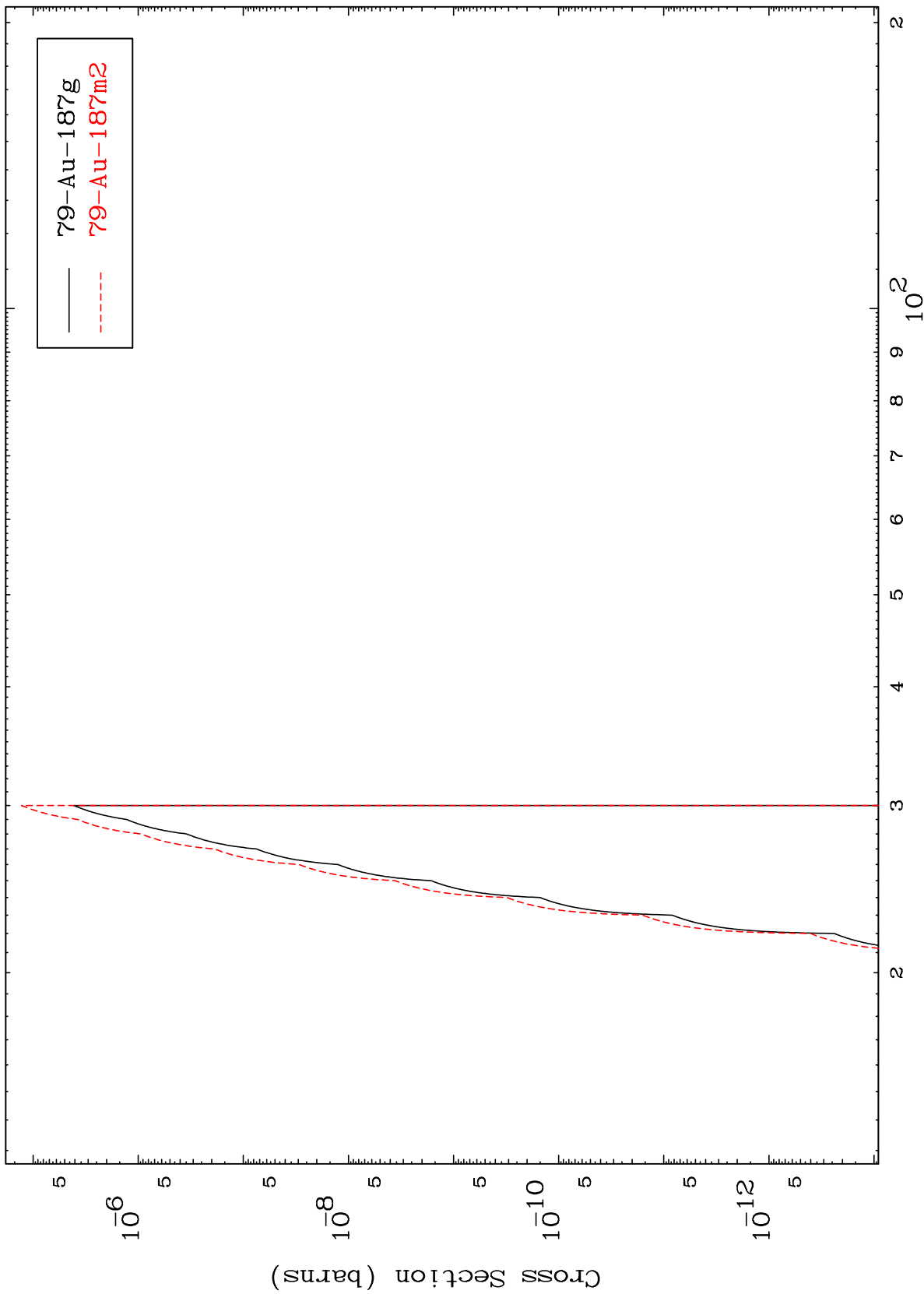
81-Tl-193

Radionuclide Production Cross Section



—  $^{189}\text{Au}$   
- - -  $^{189\text{m}}\text{Au}$

Radionuclide Production Cross Section



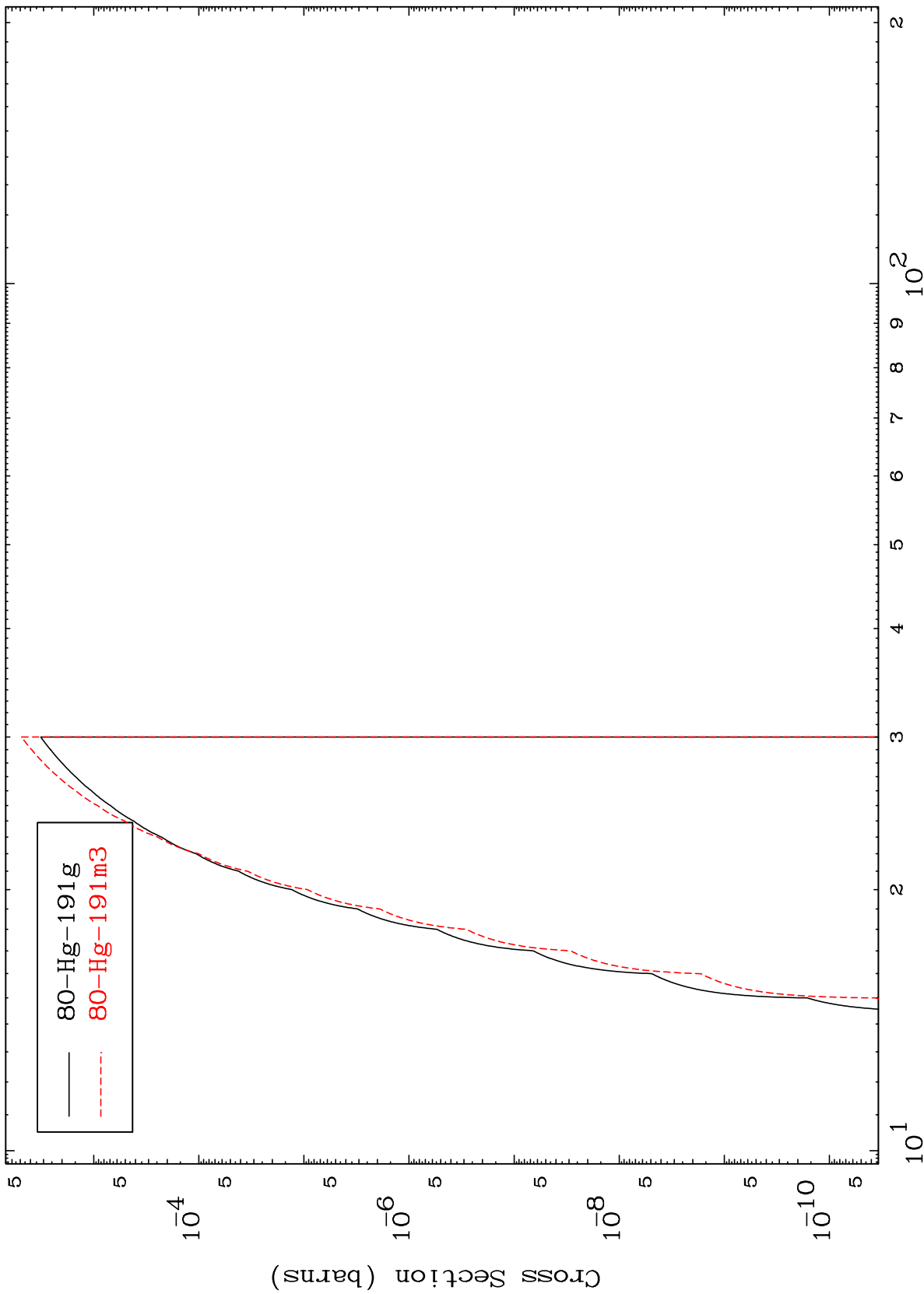


MAT 8095

(n,n') d

81-T1-193

Radionuclide Production Cross Section



Incident Energy (MeV)

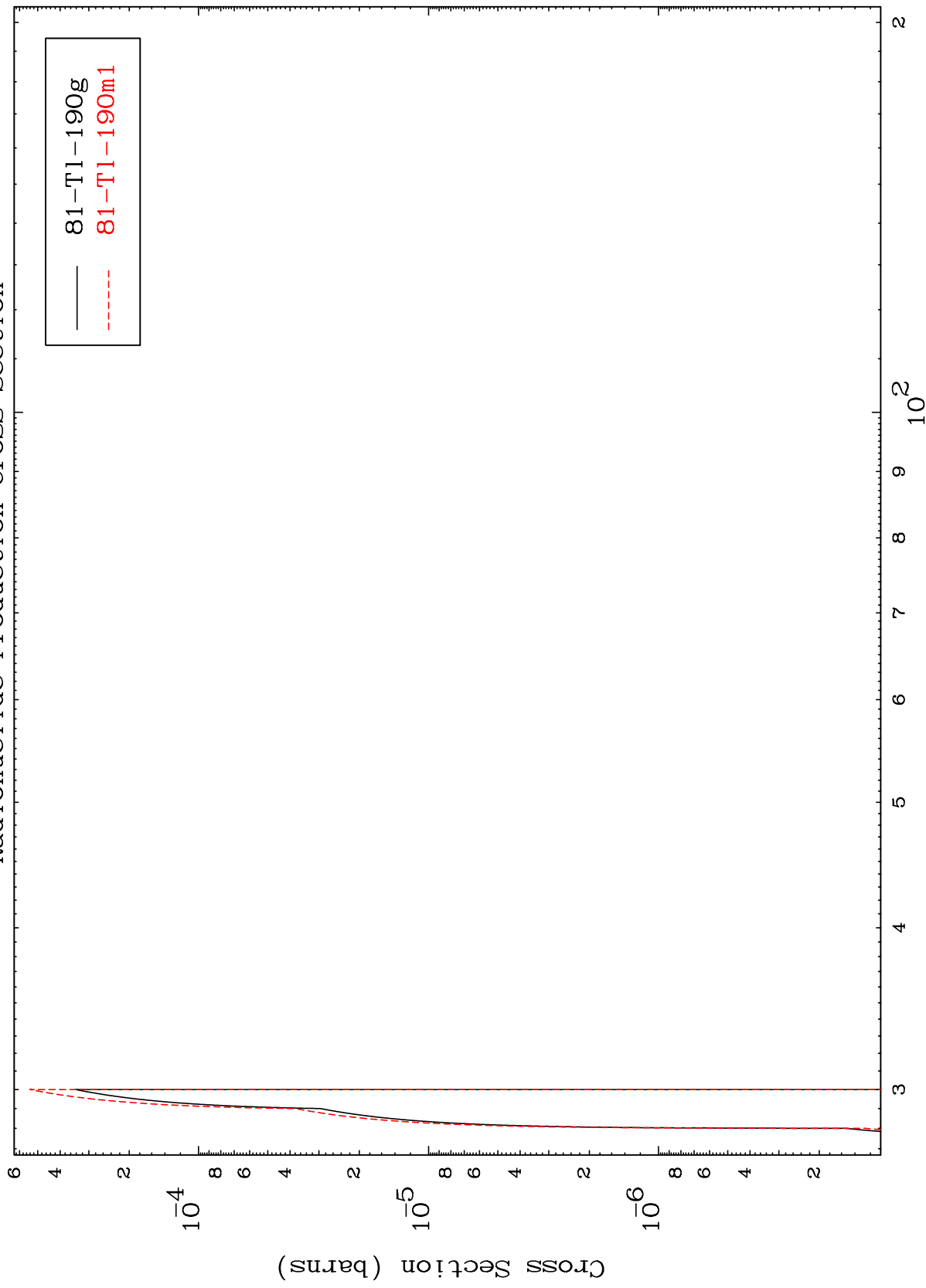
81-T1-193

144

MAT 8095

81-Tl-193

(n,4n)  
Radionuclide Production Cross Section

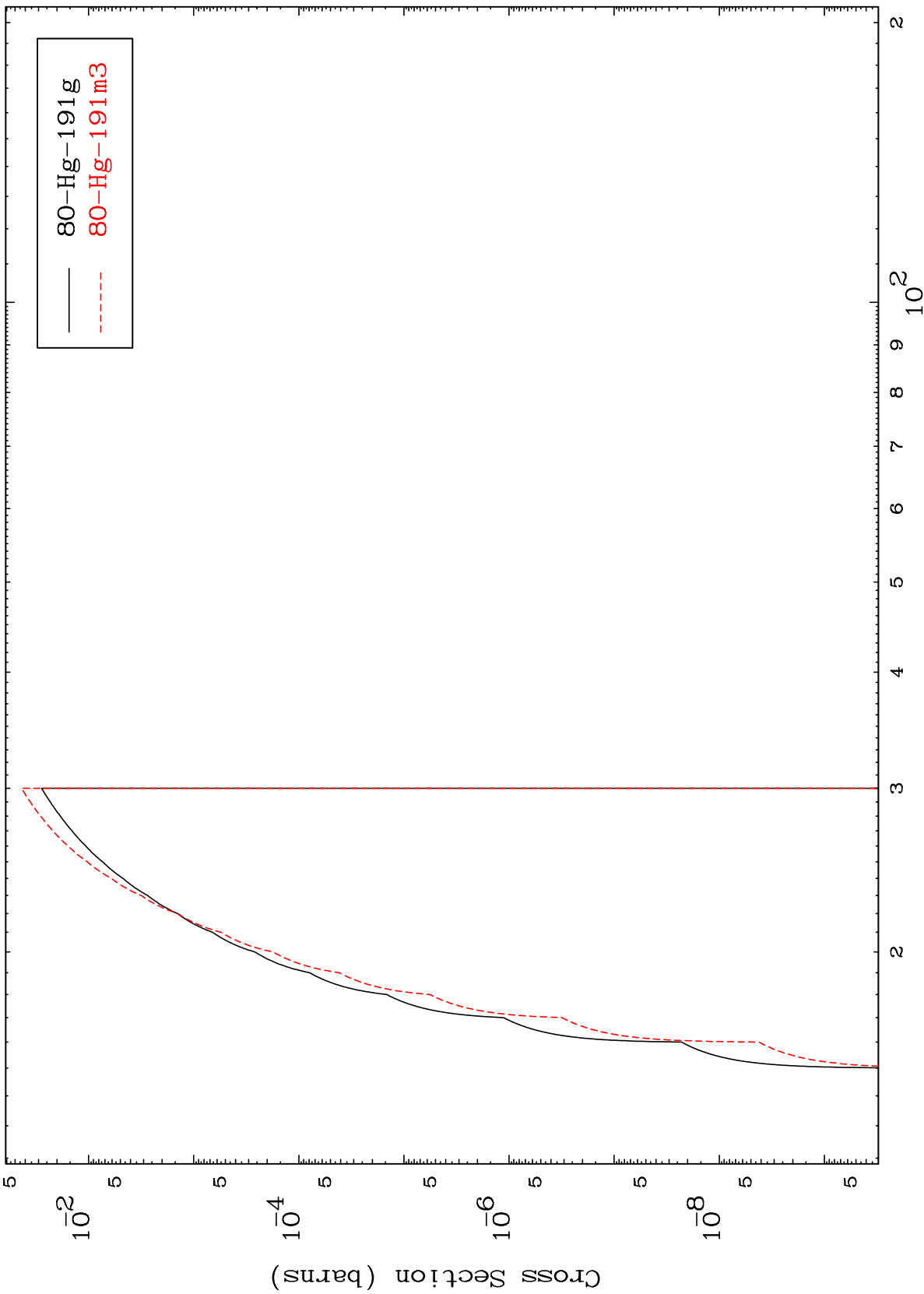


145

81-Tl-193

Incident Energy (MeV)

Radionuclide Production Cross Section



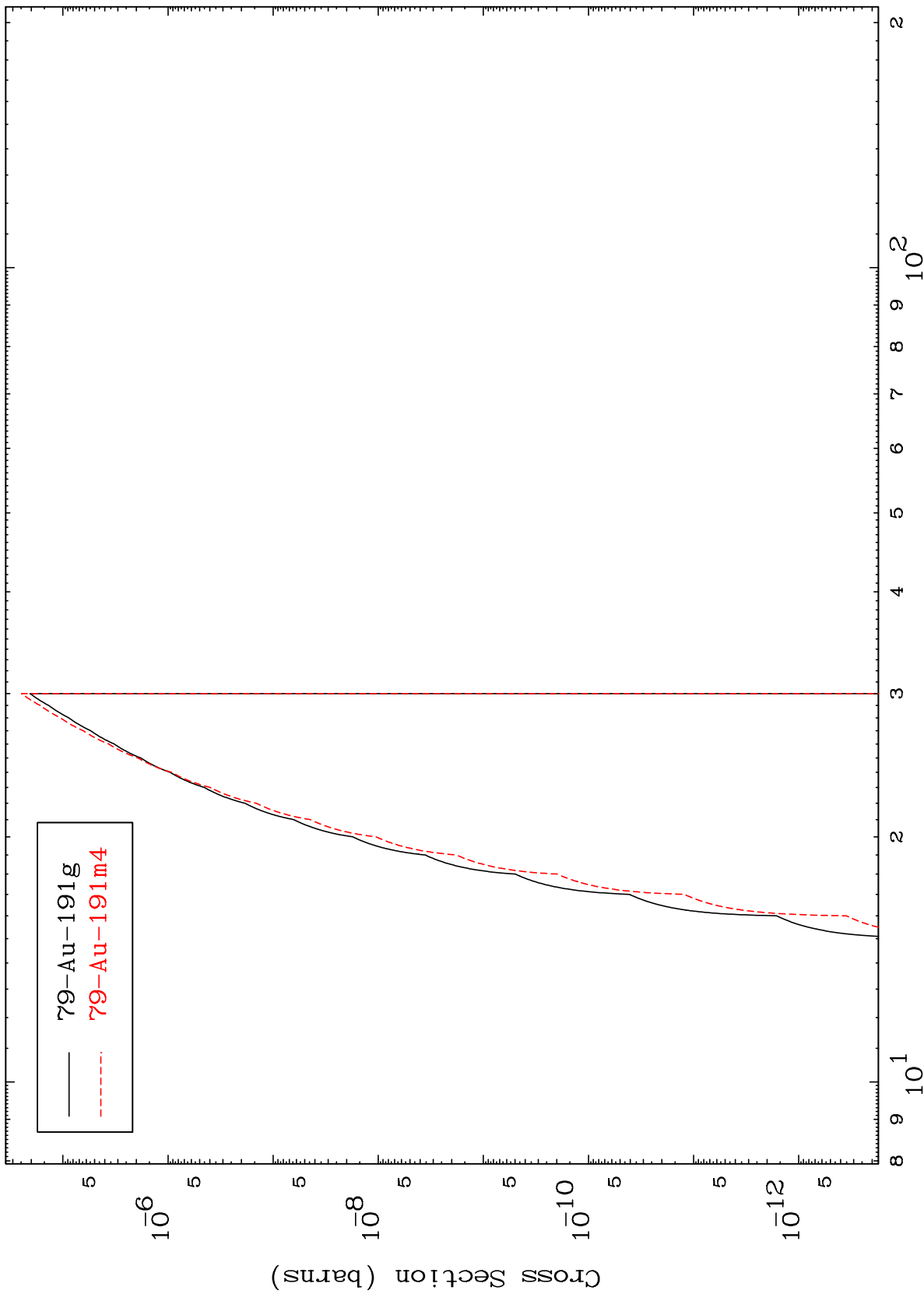
80-Hg-191g  
80-Hg-191m3

MAT 8095

(n,2n) p

81-Tl-193

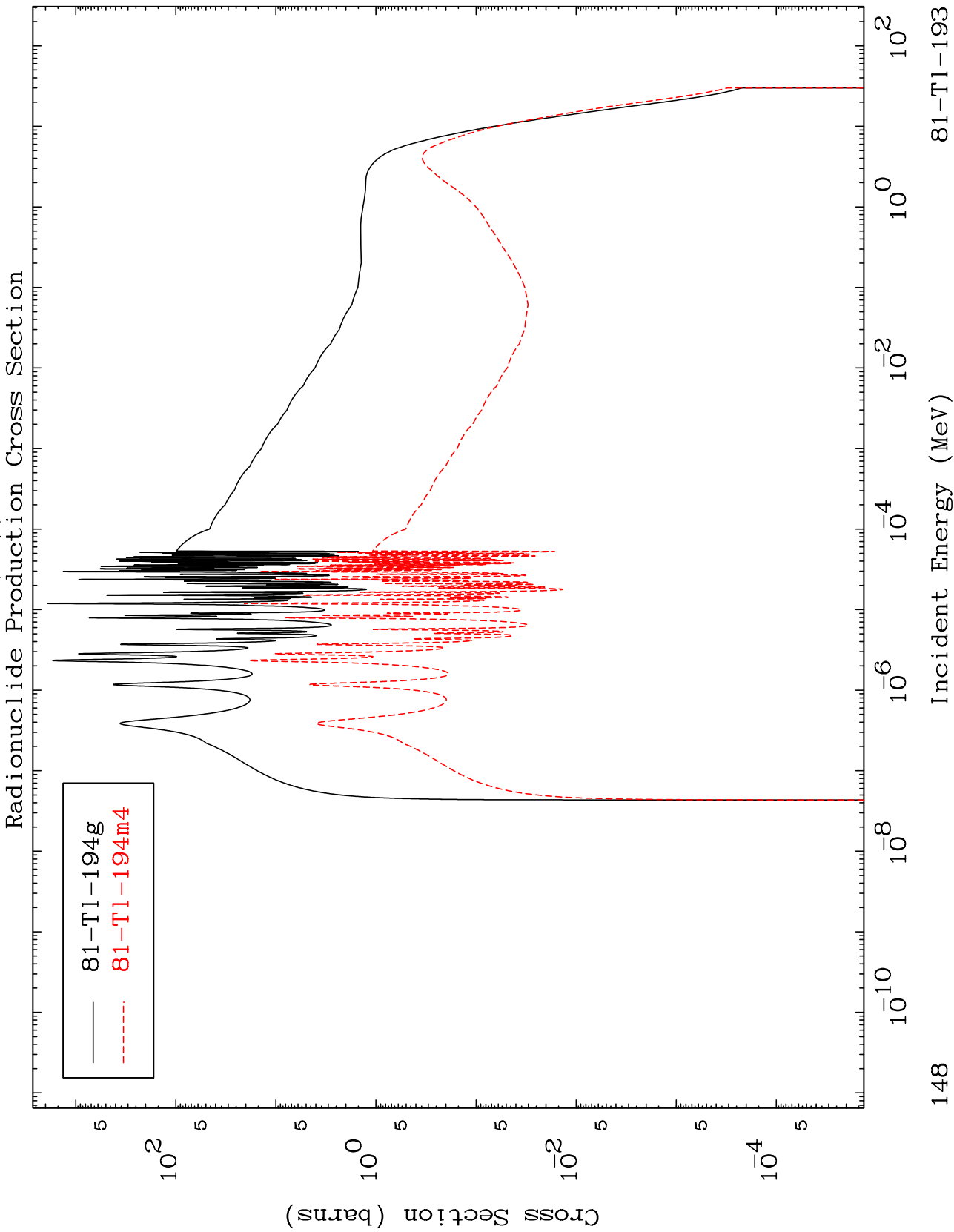
Radionuclide Production Cross Section



147

Incident Energy (MeV)

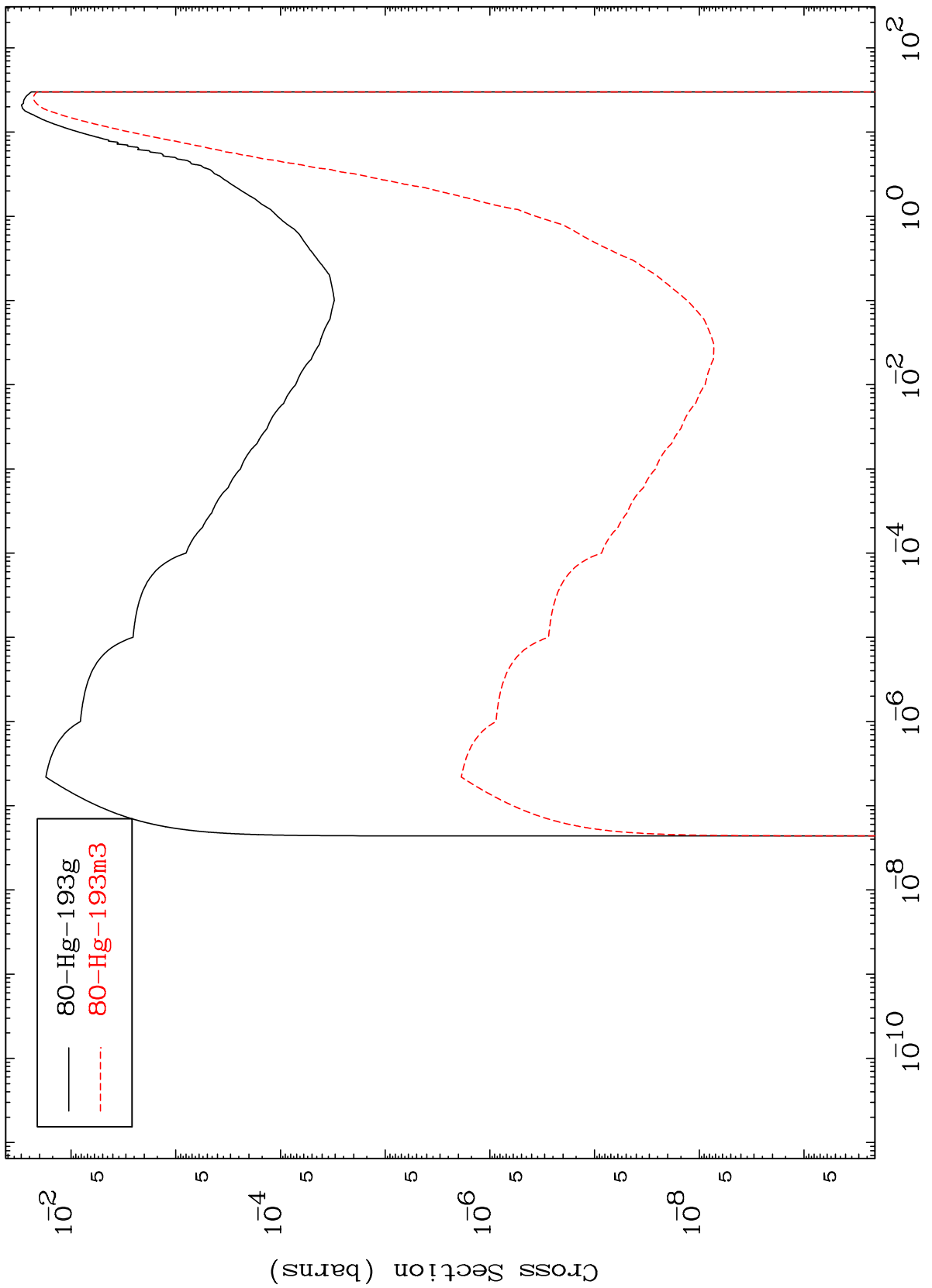
81-Tl-193



MAT 8095

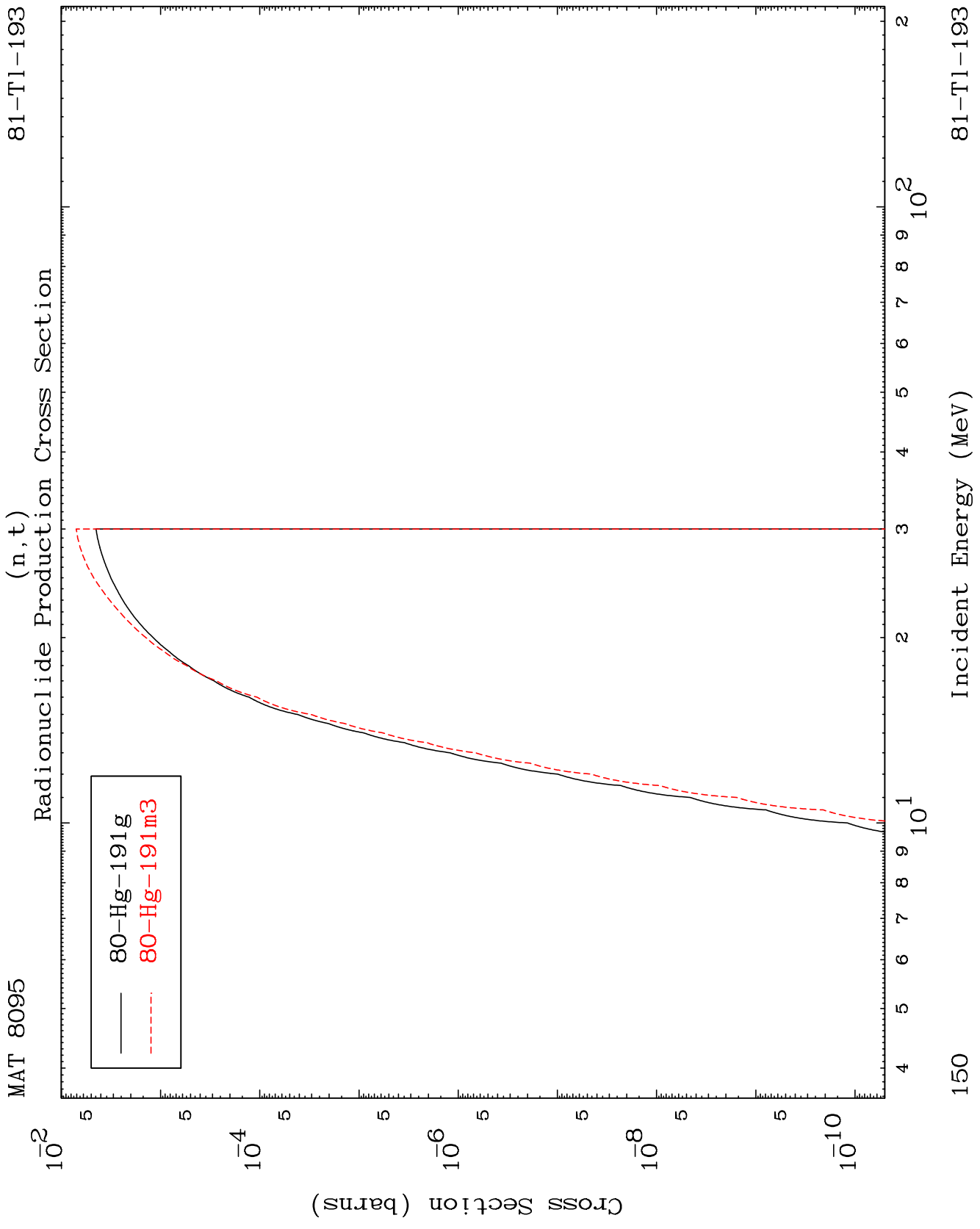
81-Tl-193

(n,p)  
Radionuclide Production Cross Section



149

81-Tl-193

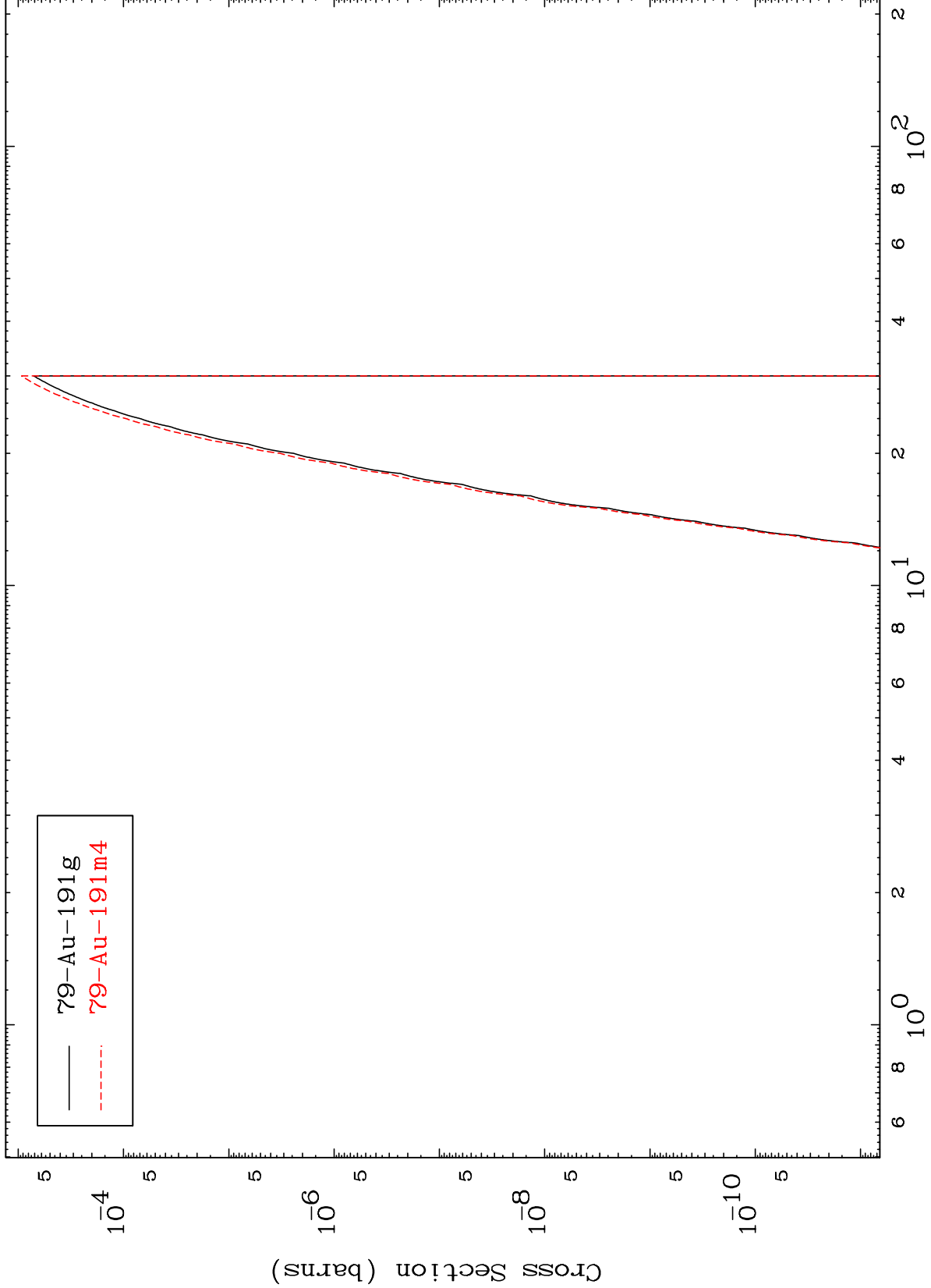


MAT 8095

(n,He-3)

81-Tl-193

Radionuclide Production Cross Section



151

Incident Energy (MeV)

81-Tl-193

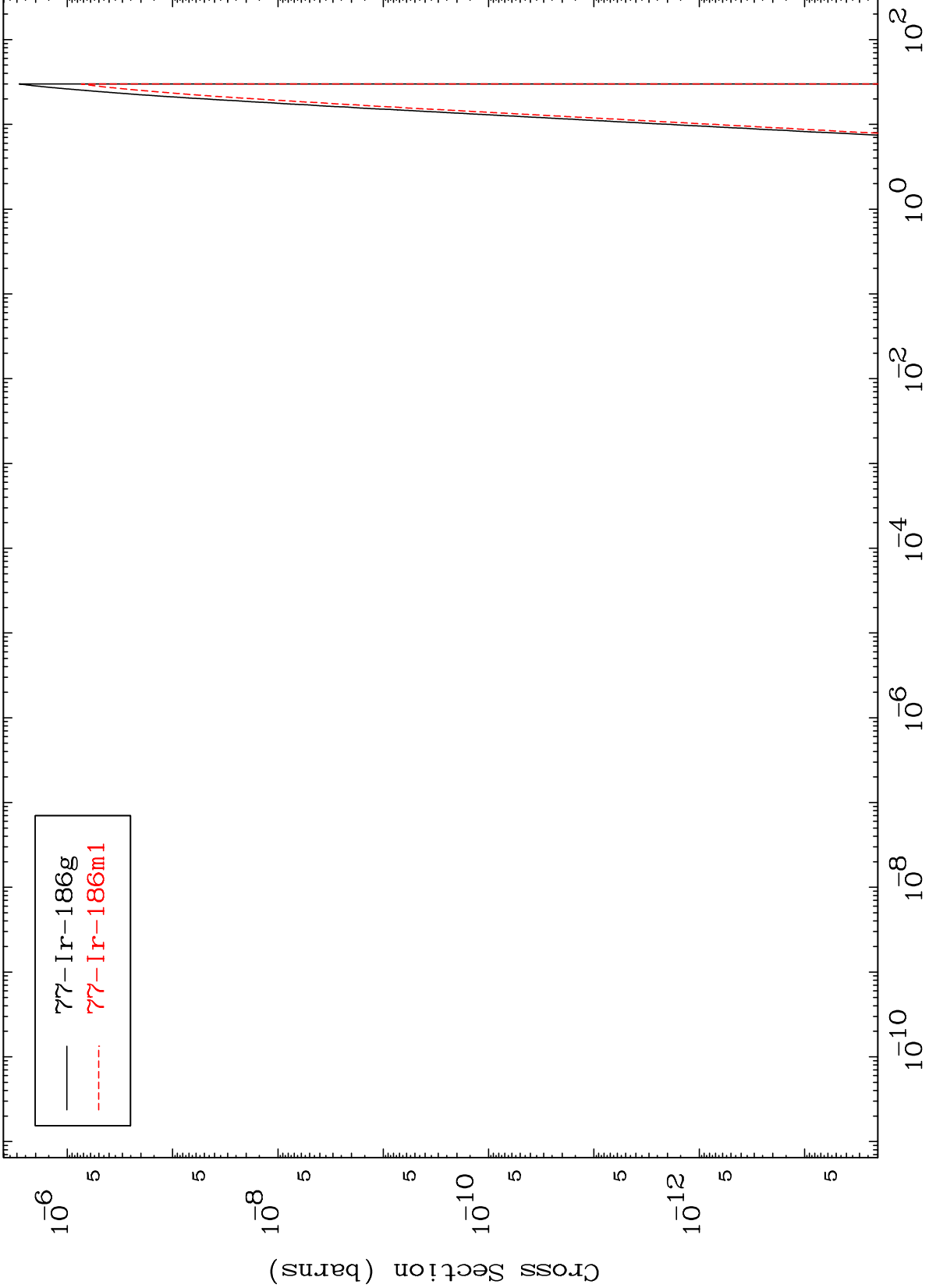
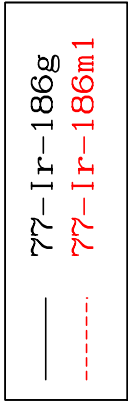


MAT 8095

(n,2α)

81-Tl-193

Radionuclide Production Cross Section

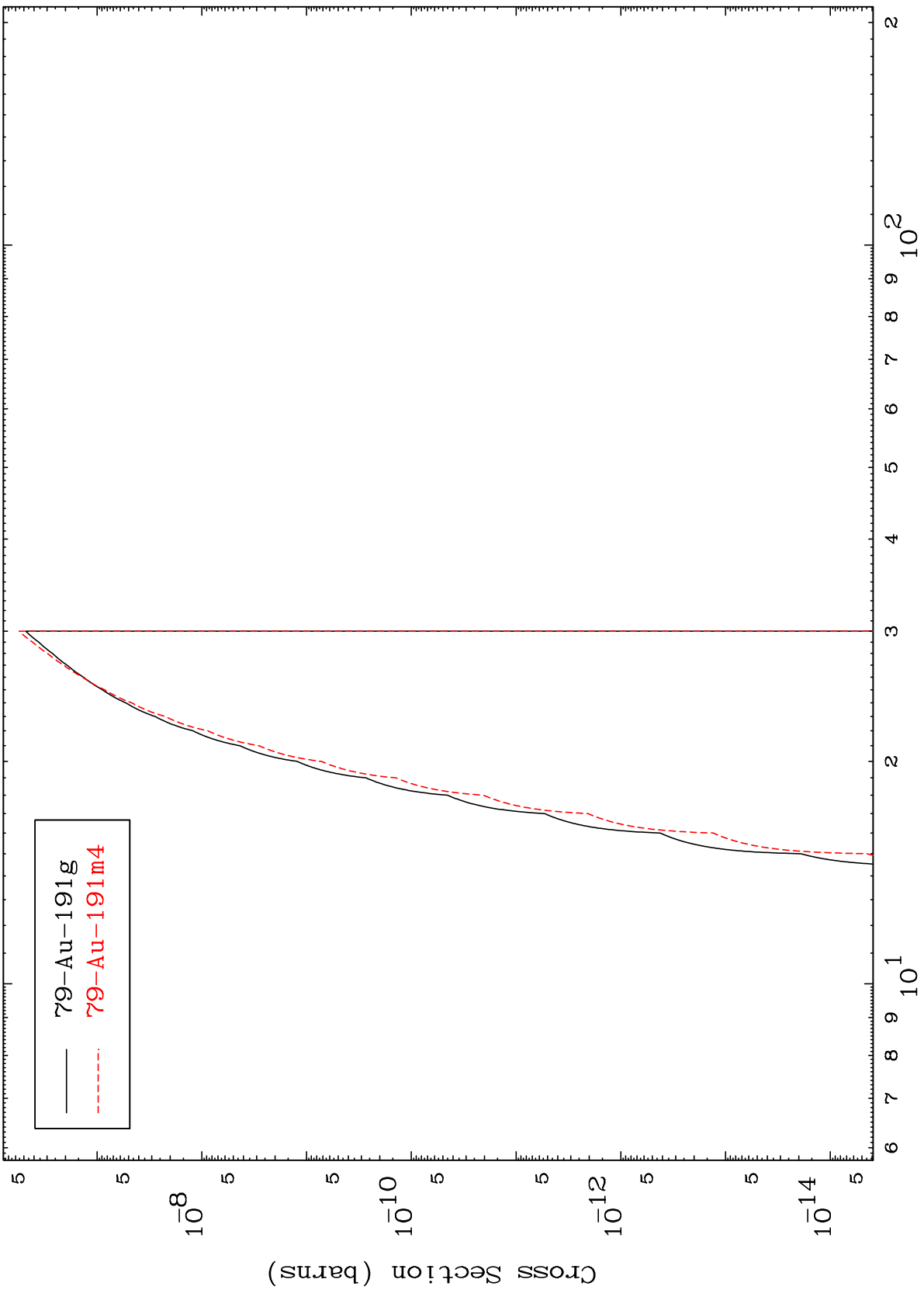


MAT 8095

(n,p) d

81-Tl-193

Radionuclide Production Cross Section



153

Incident Energy (MeV)

81-Tl-193