

Program EVALPLOT
(Version 2017-1)

by

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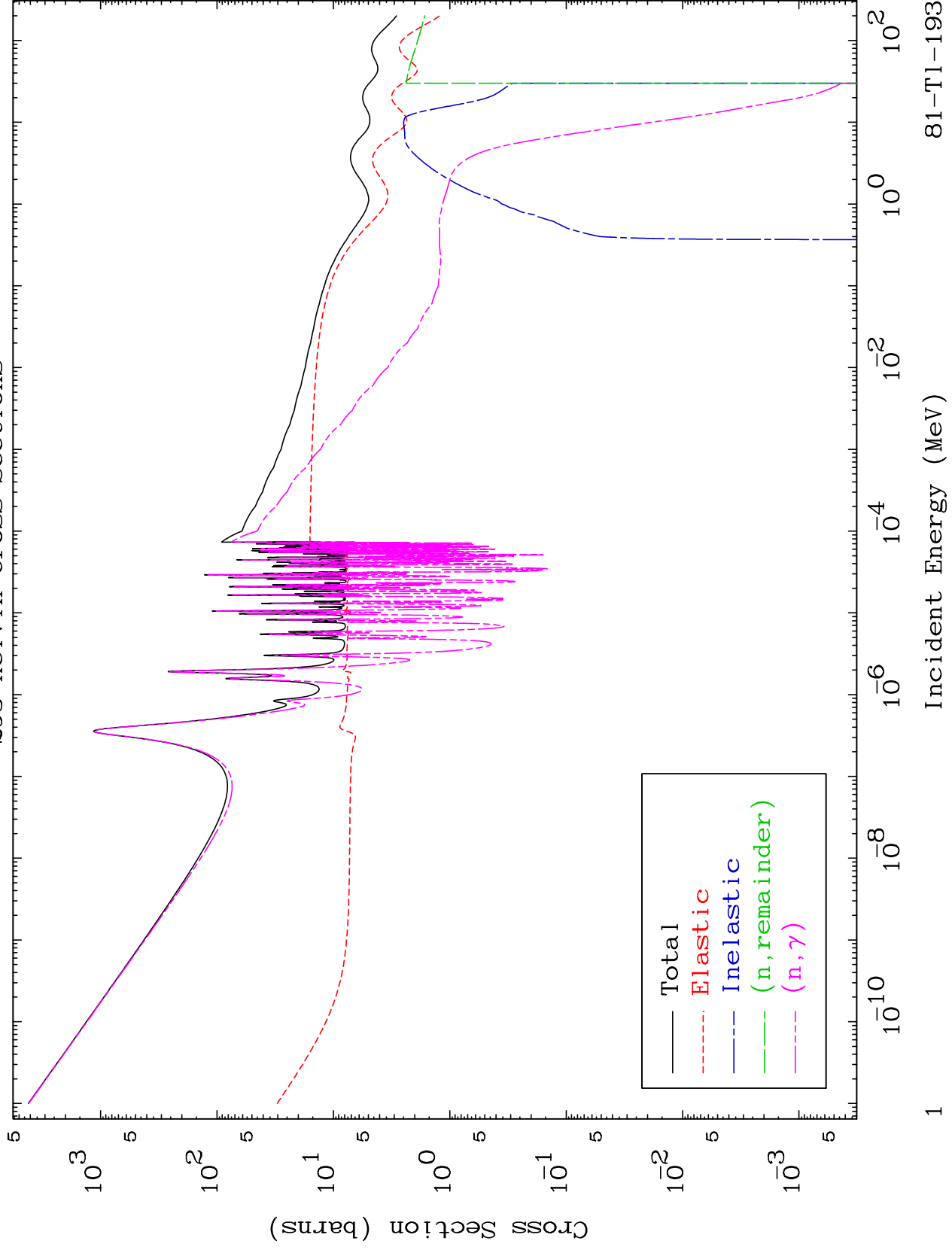
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Press Mouse Button to Start

MAT 8095

Major
293 Kelvin Cross Sections

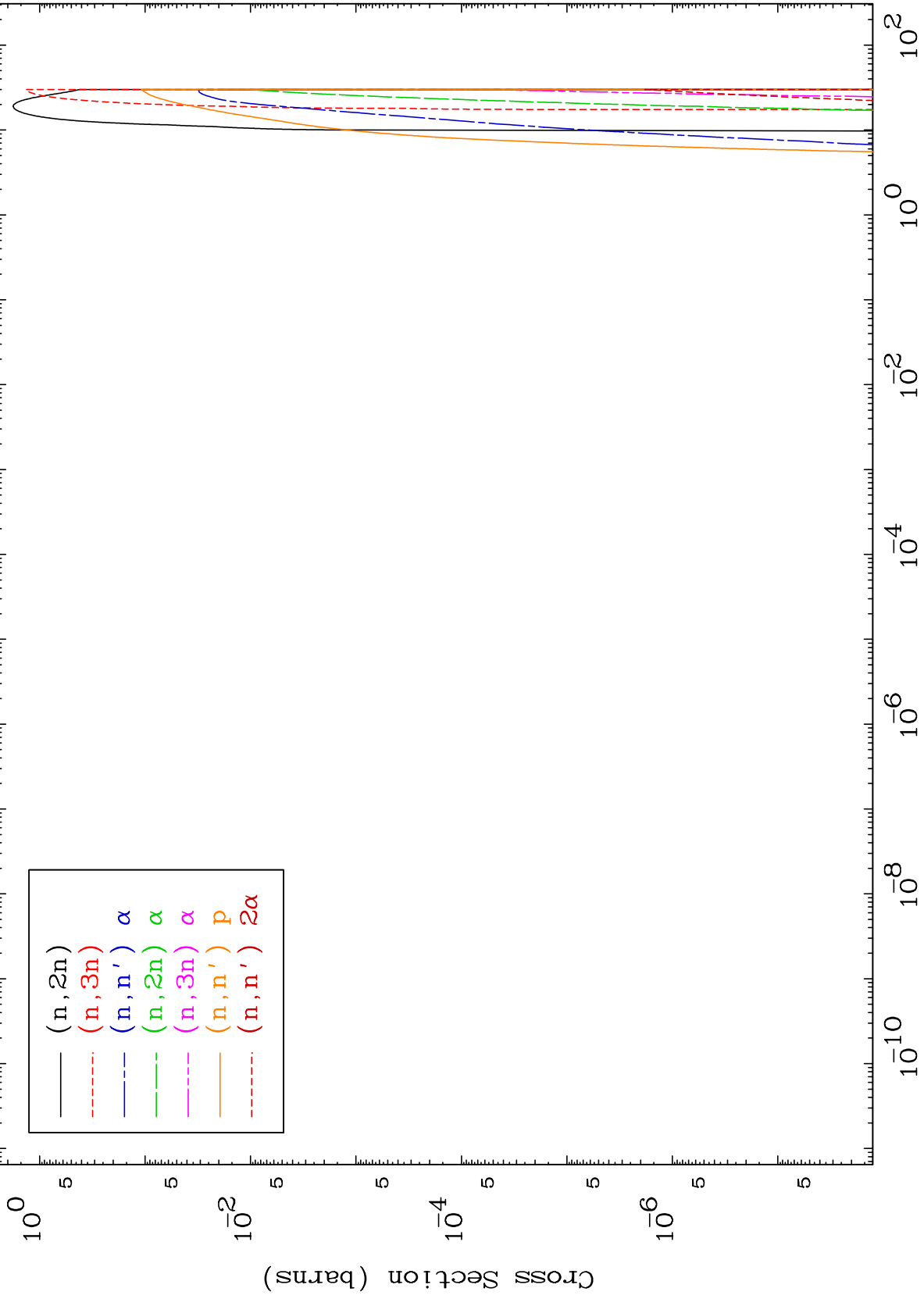
81-Tl-193



MAT 8095

Neutron Production
293 Kelvin Cross Sections

81-Tl-193

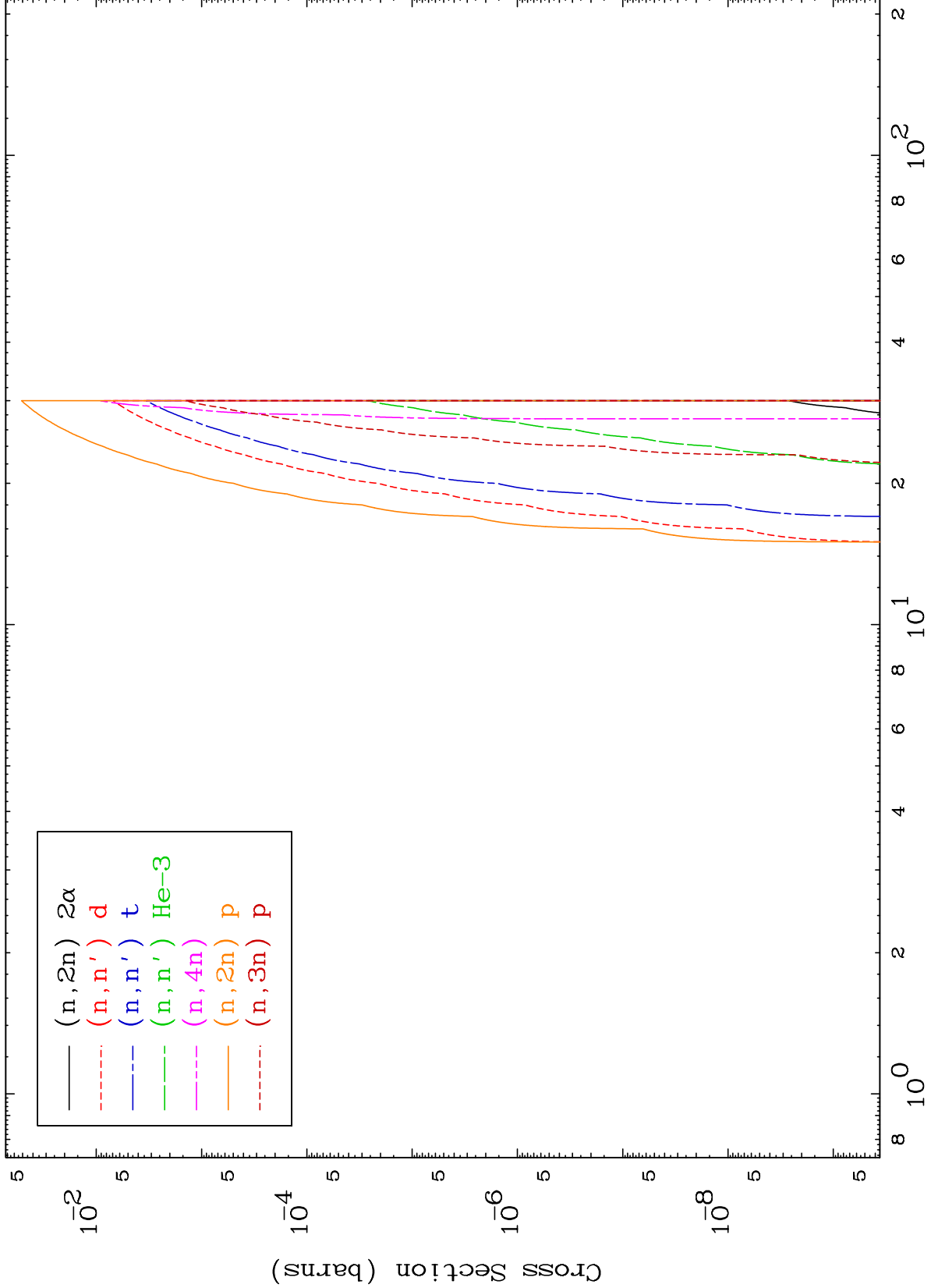


81-Tl-193

MAT 8095

Neutron Production
293 Kelvin Cross Sections

81-Tl-193



Incident Energy (MeV)

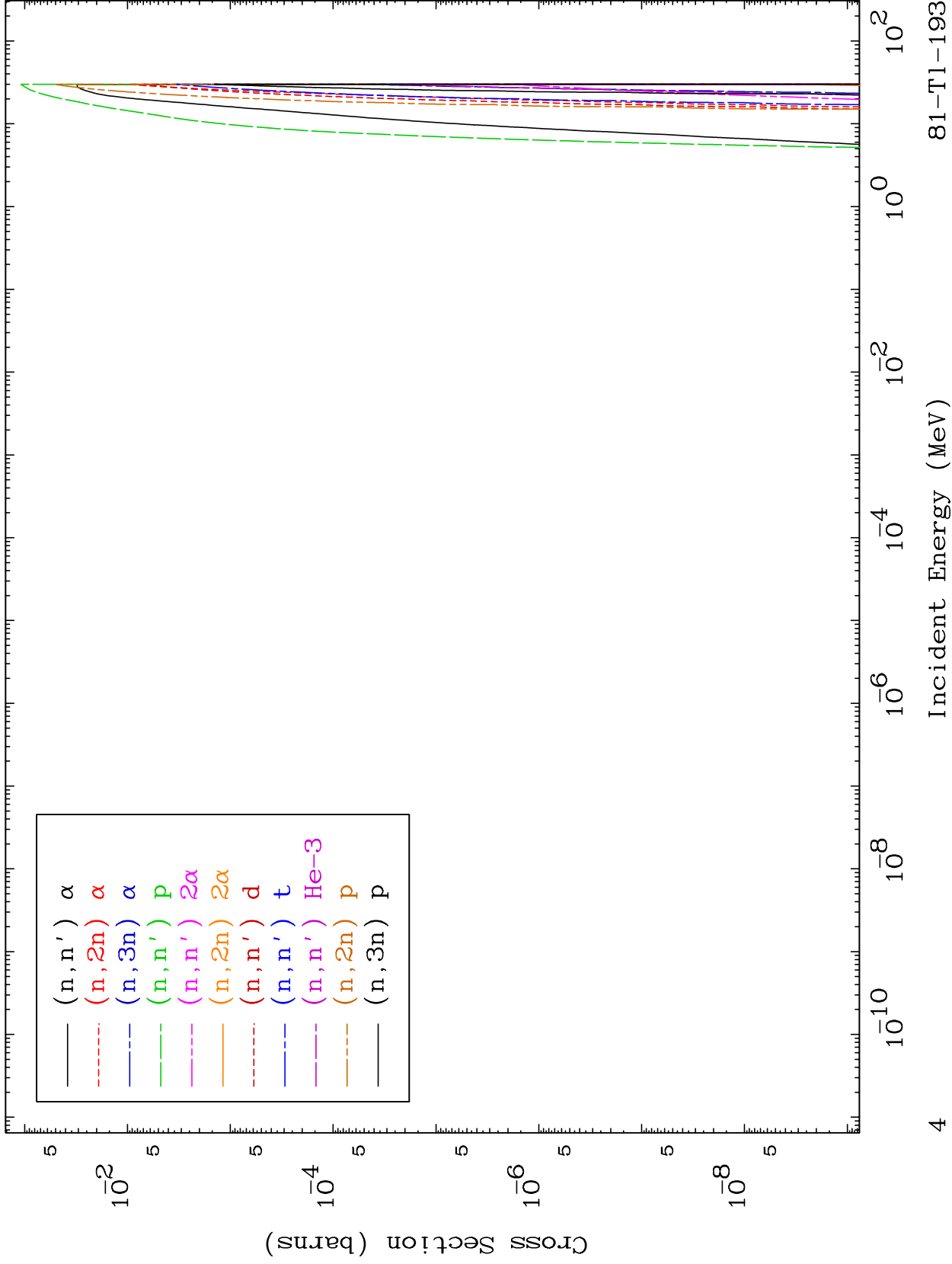
81-Tl-193

3

MAT 8095

Charged Particle
293 Kelvin Cross Sections

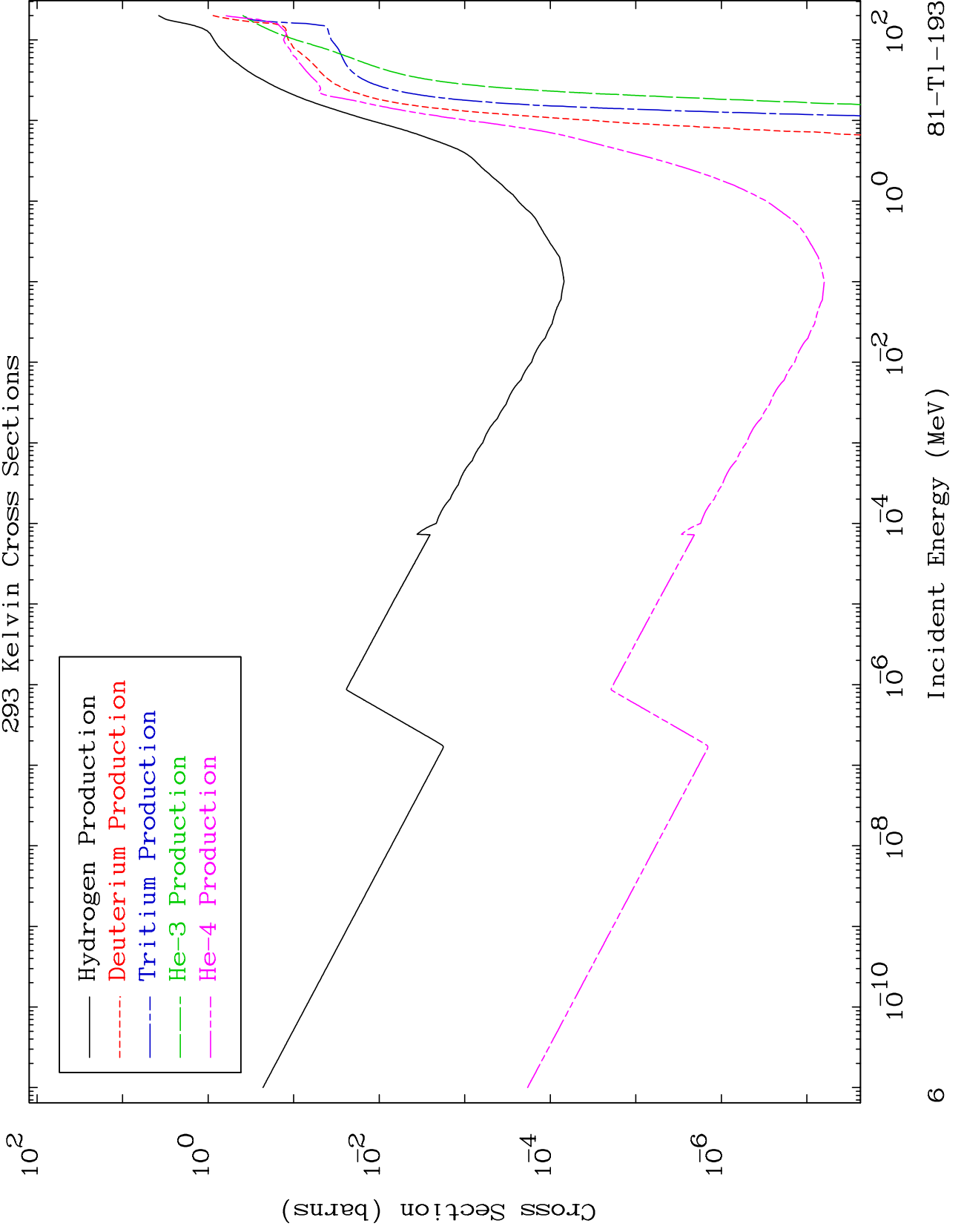
81-Tl-193



MAT 8095

Particle Production
293 Kelvin Cross Sections

81-T1-193

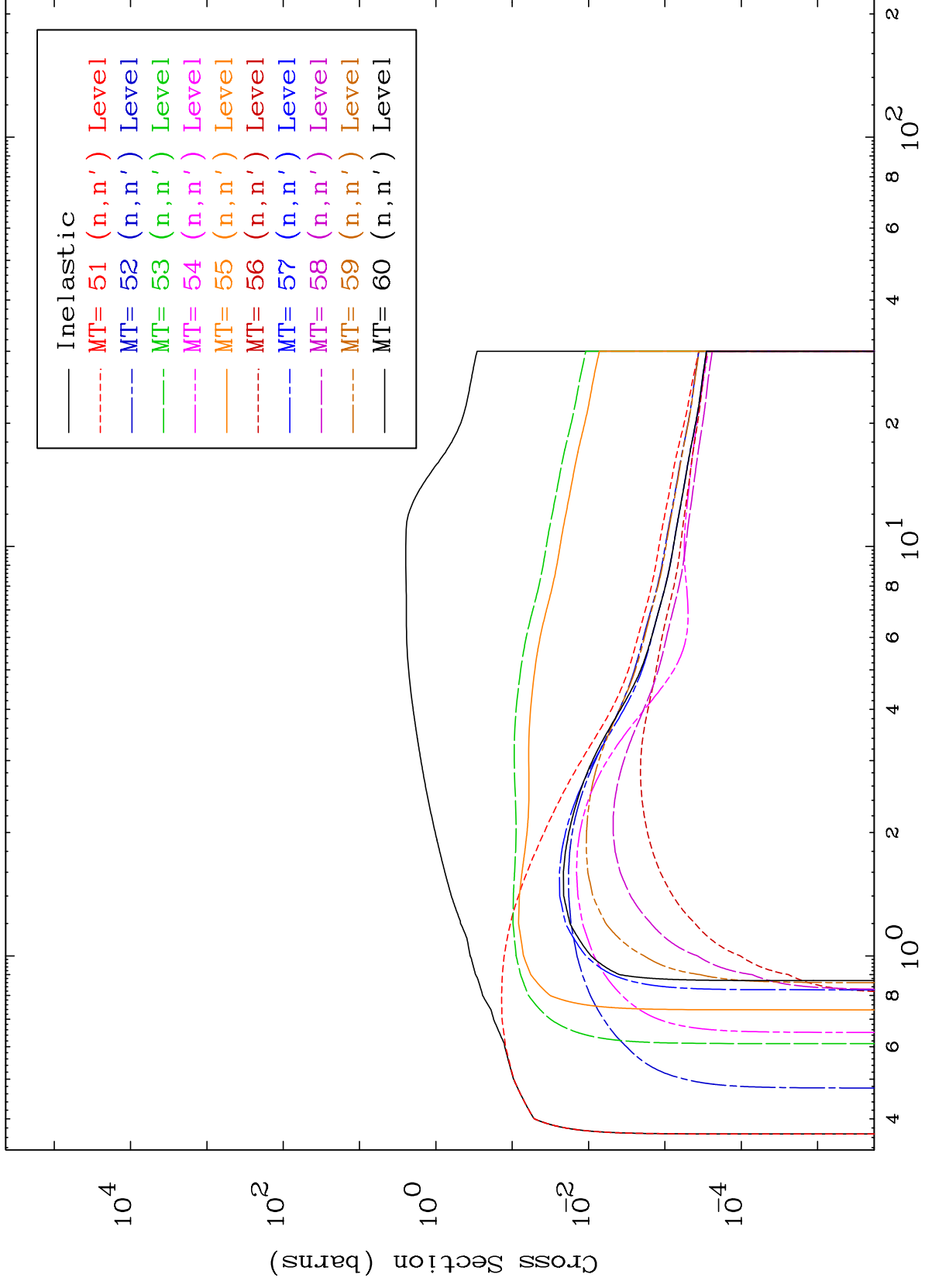


MAT 8095

(n,n') Level

81-Tl-193

293 Kelvin Cross Sections

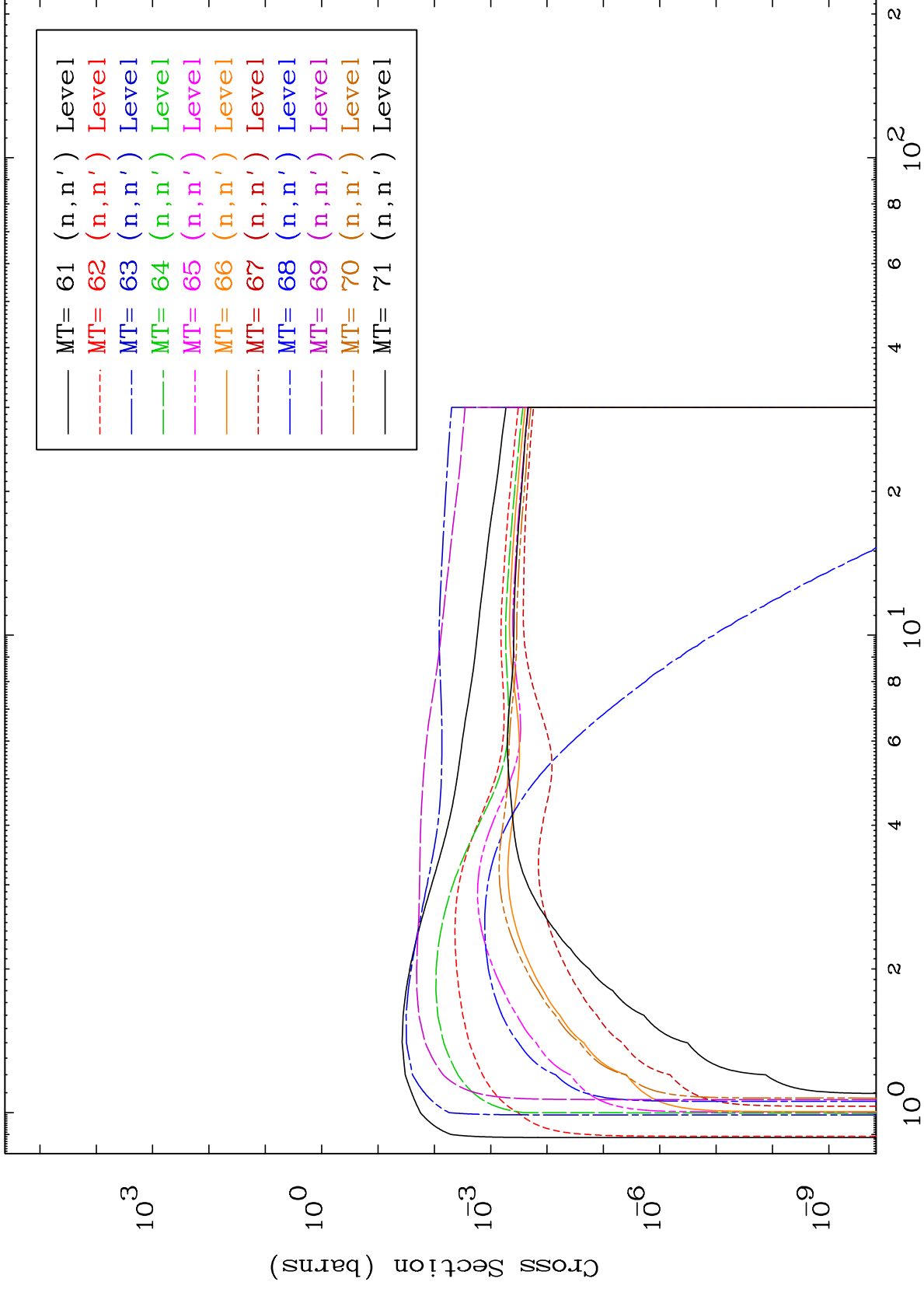


MAT 8095

(n,n') Level

81-Tl-193

293 Kelvin Cross Sections



Incident Energy (MeV)

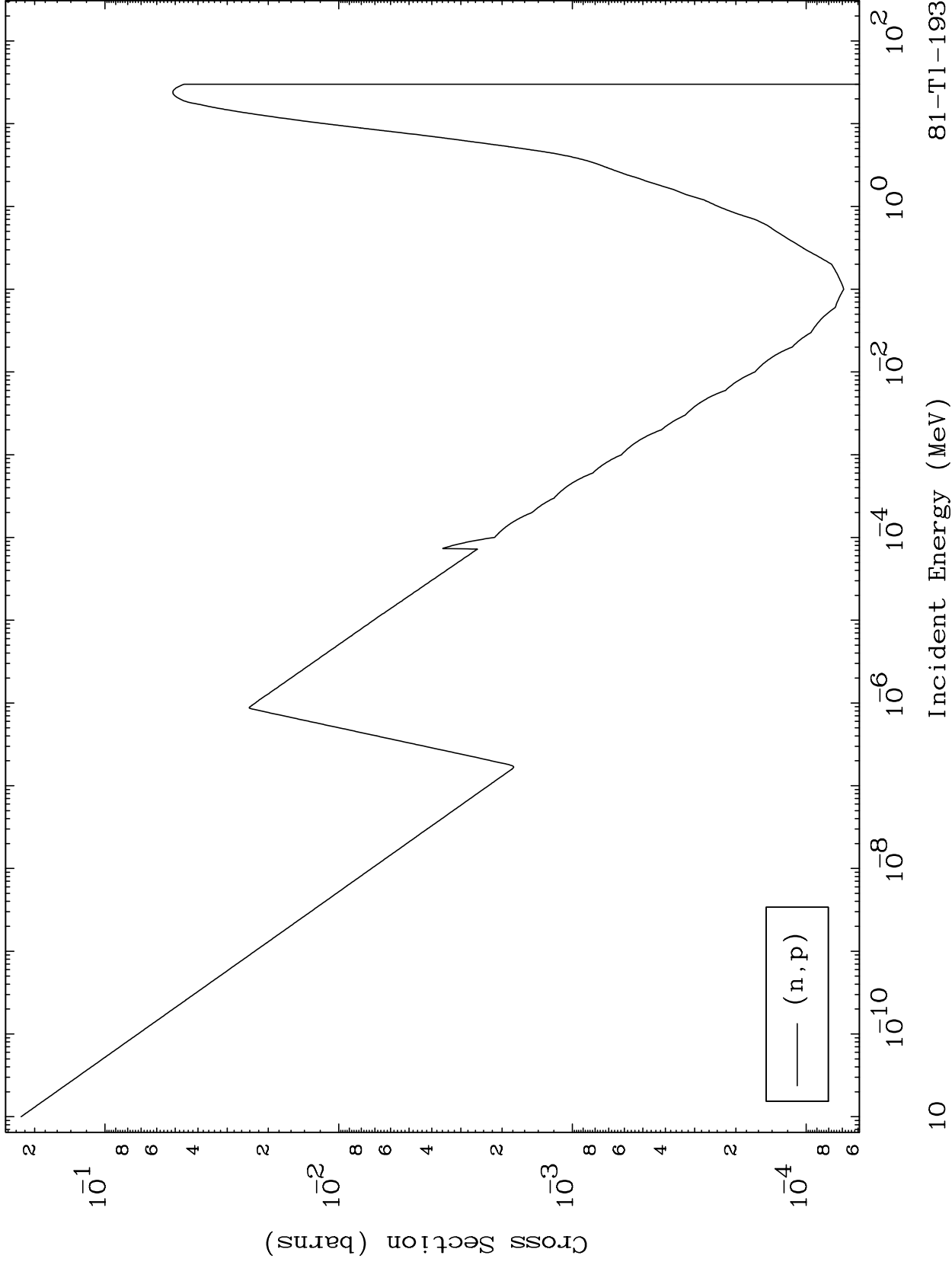
81-Tl-193

8

MAT 8095

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-193



10

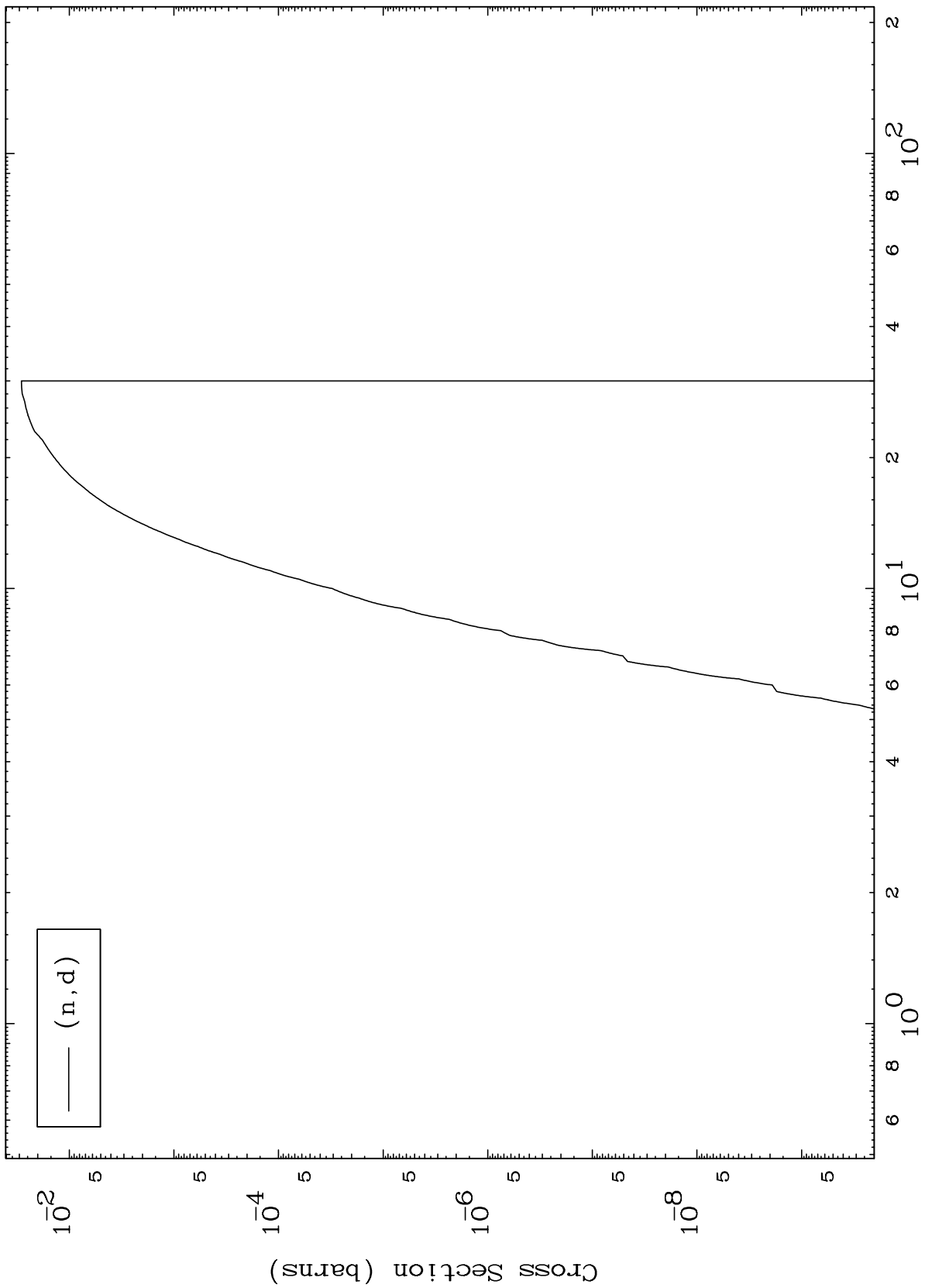
Incident Energy (MeV)

81-Tl-193

MAT 8095

(n,d) Levels
293 Kelvin Cross Sections

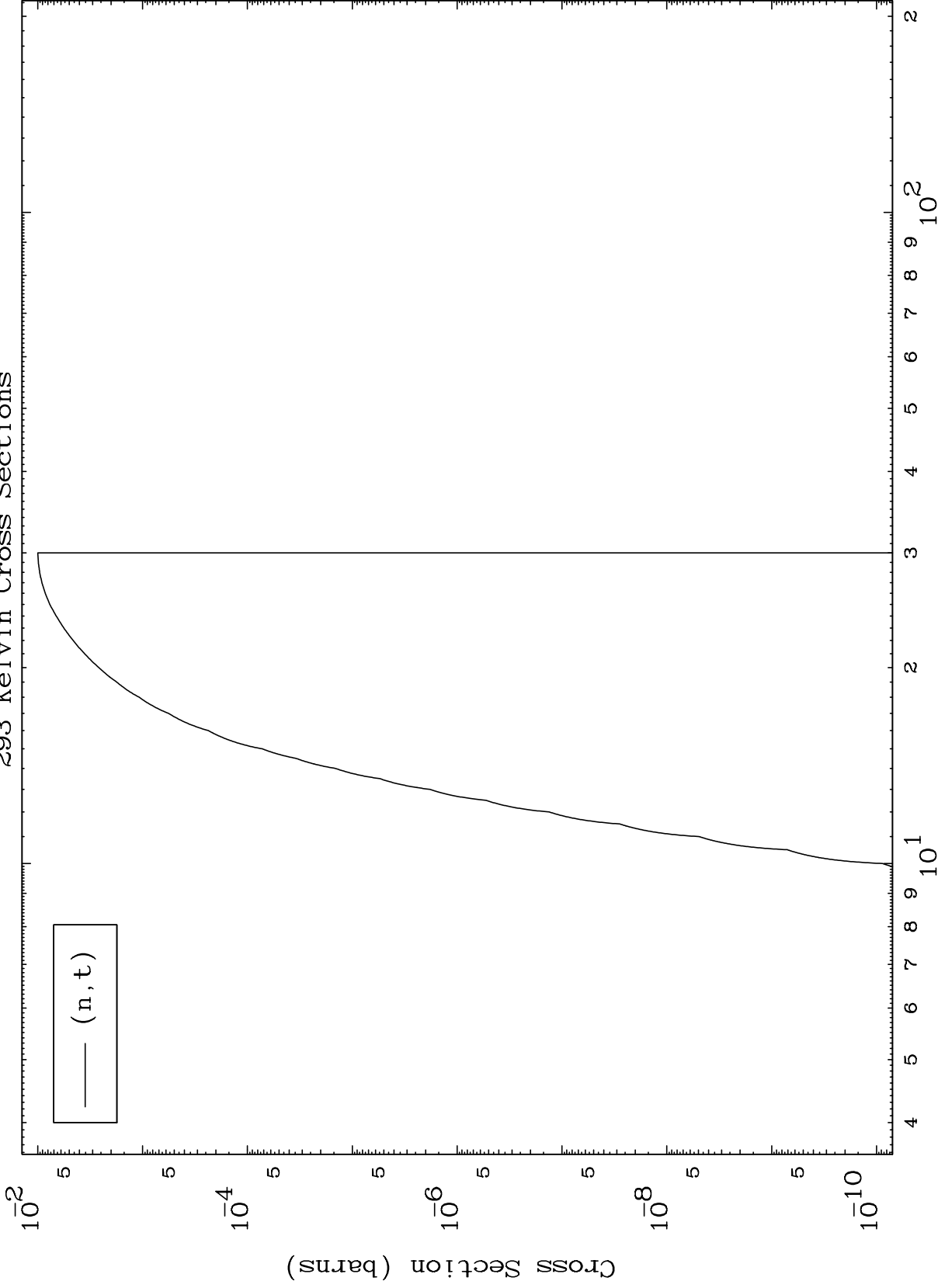
81-Tl-193



MAT 8095

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-193



12

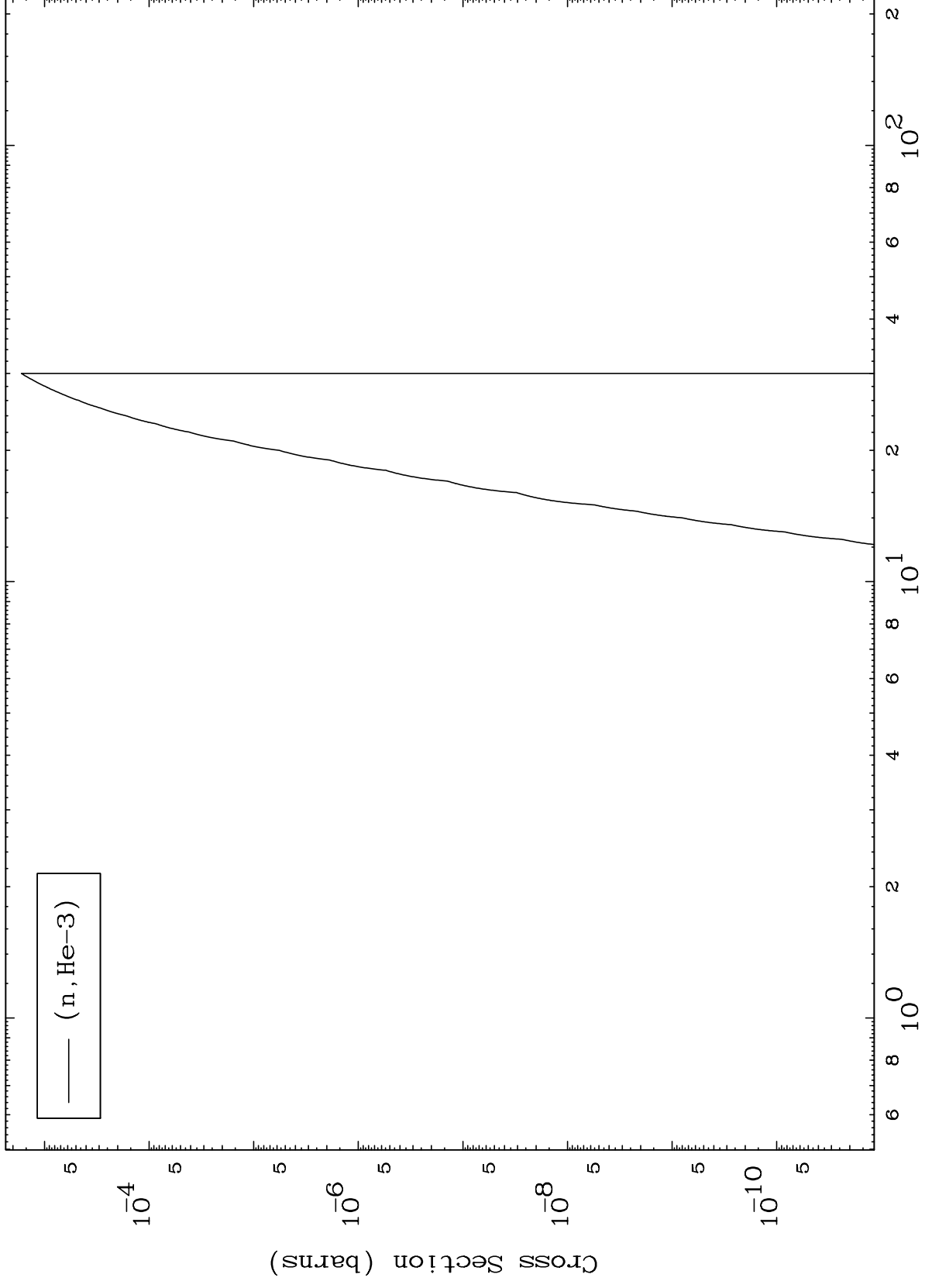
Incident Energy (MeV)

81-Tl-193

MAT 8095

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-193



13

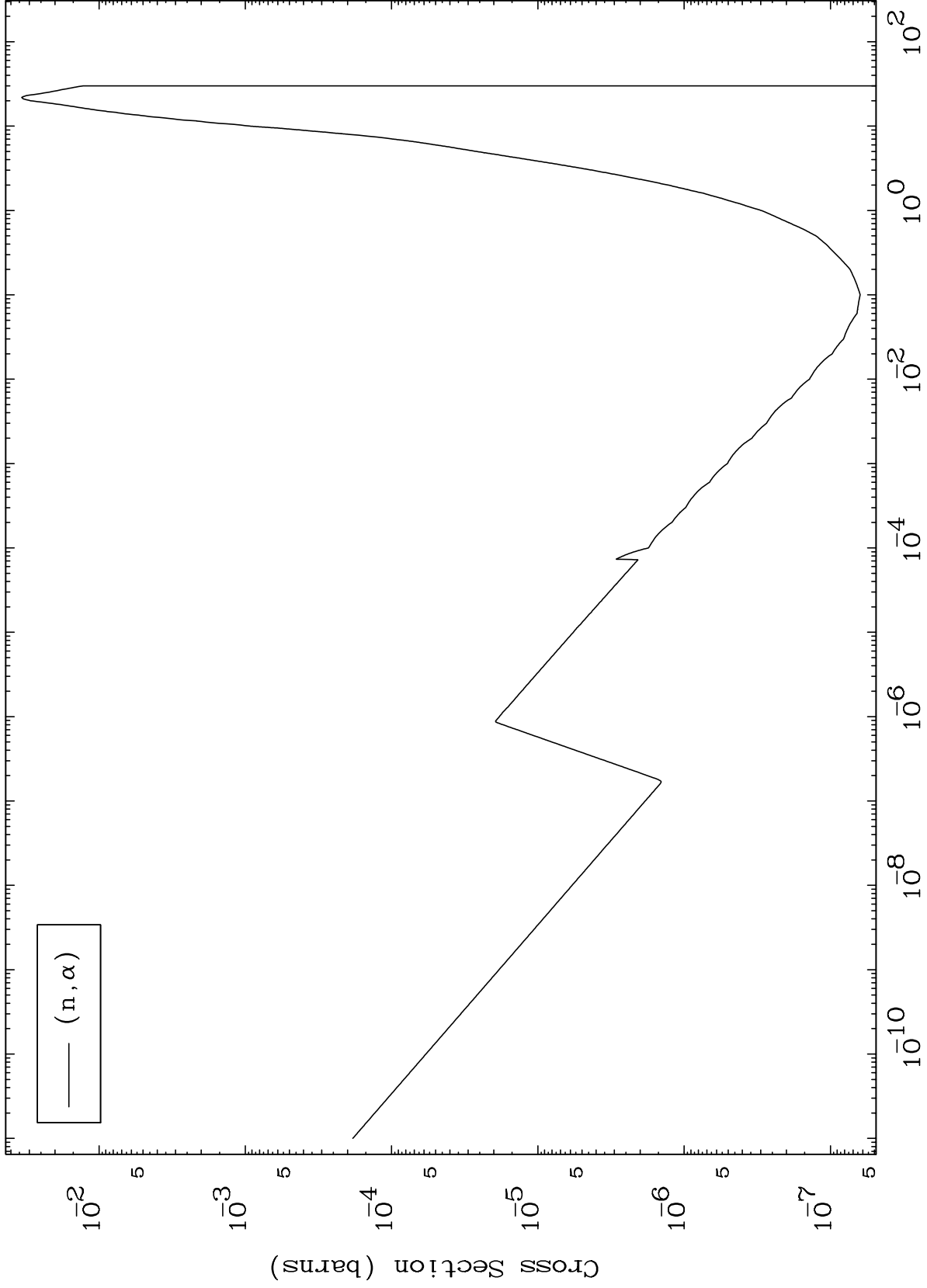
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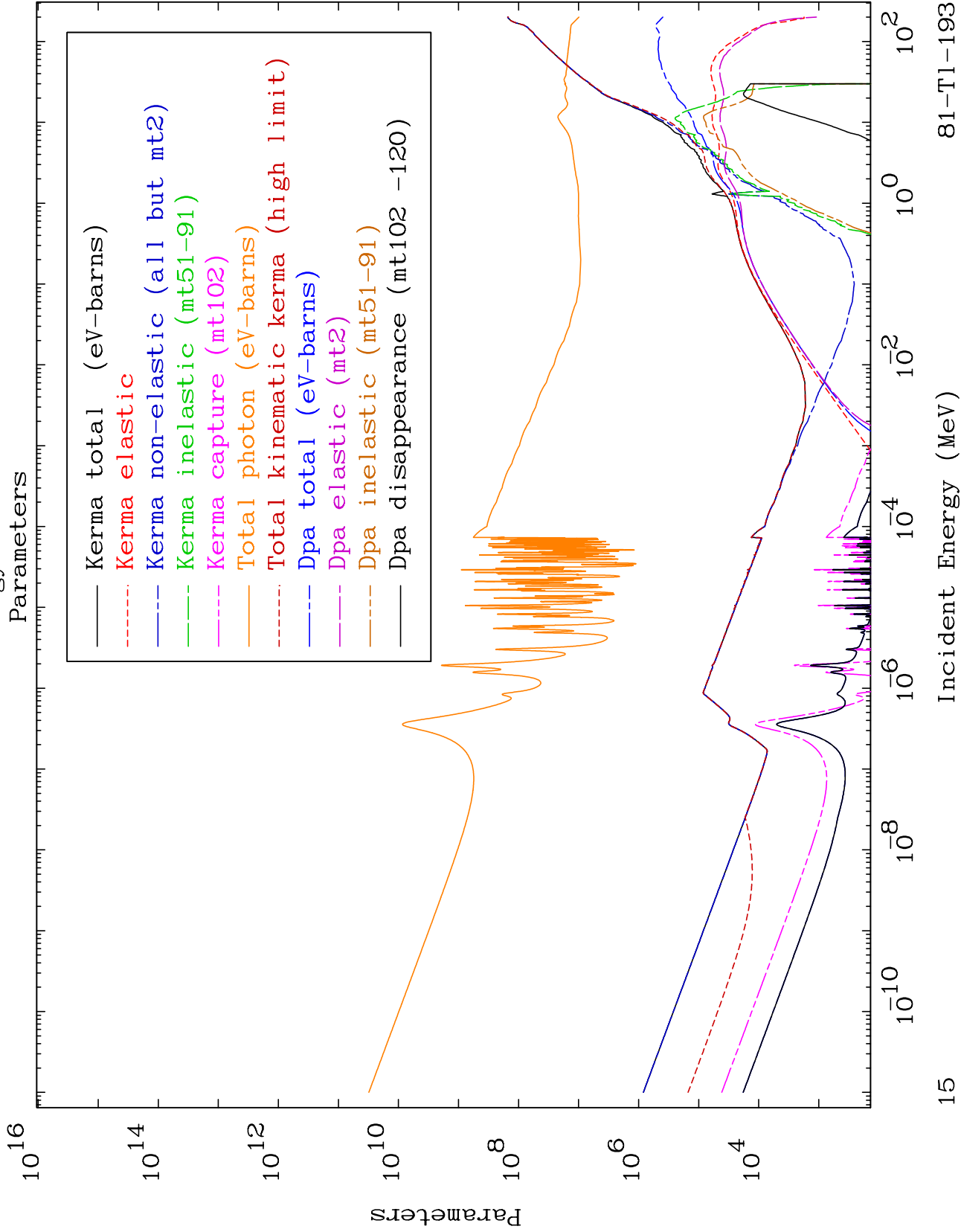
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MAT 8095

(n, α) Levels
293 Kelvin Cross Sections

81-Tl-193

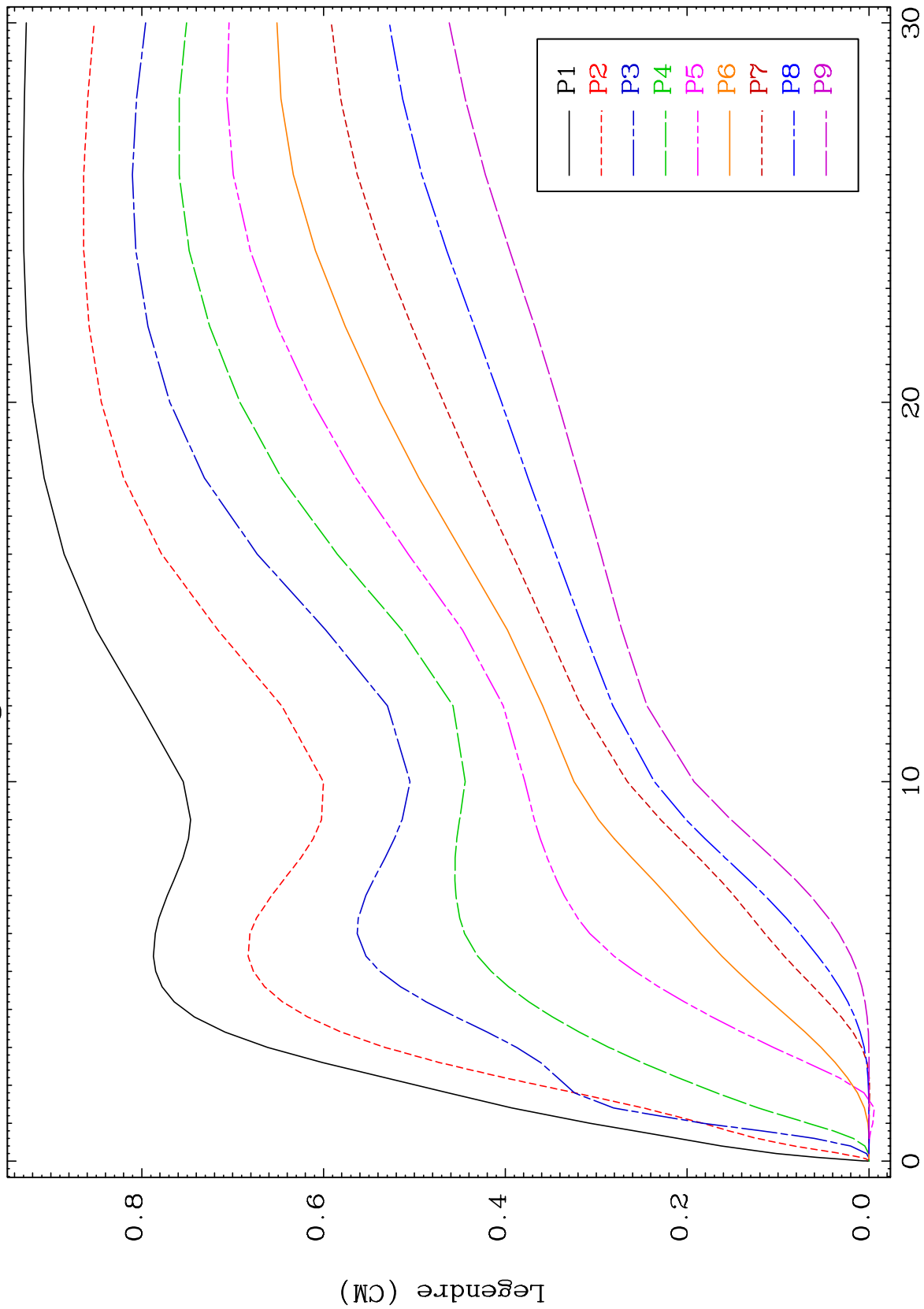




MAT 8095

Elastic Legendre Coefficients

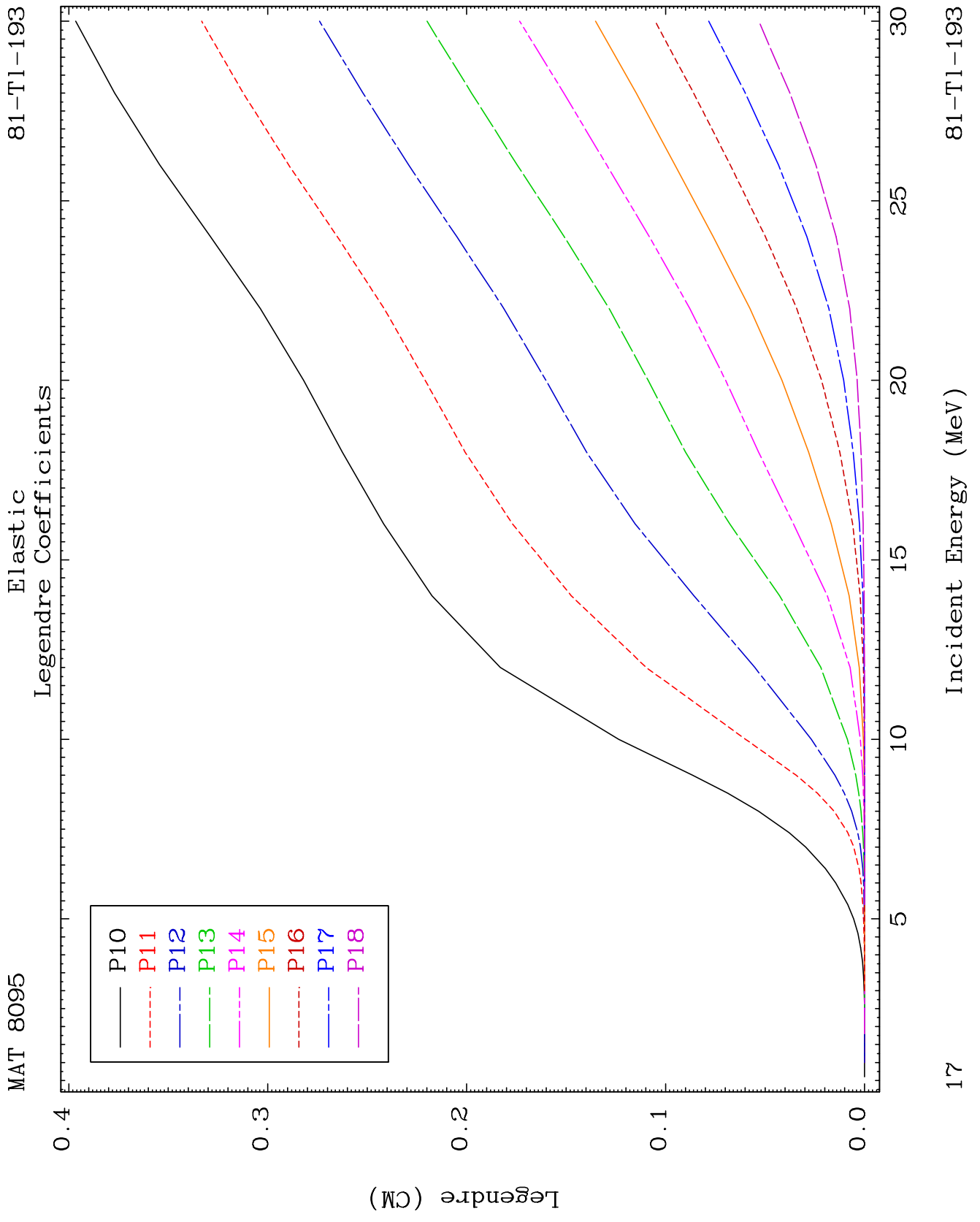
81-Tl-193



16

Incident Energy (MeV)

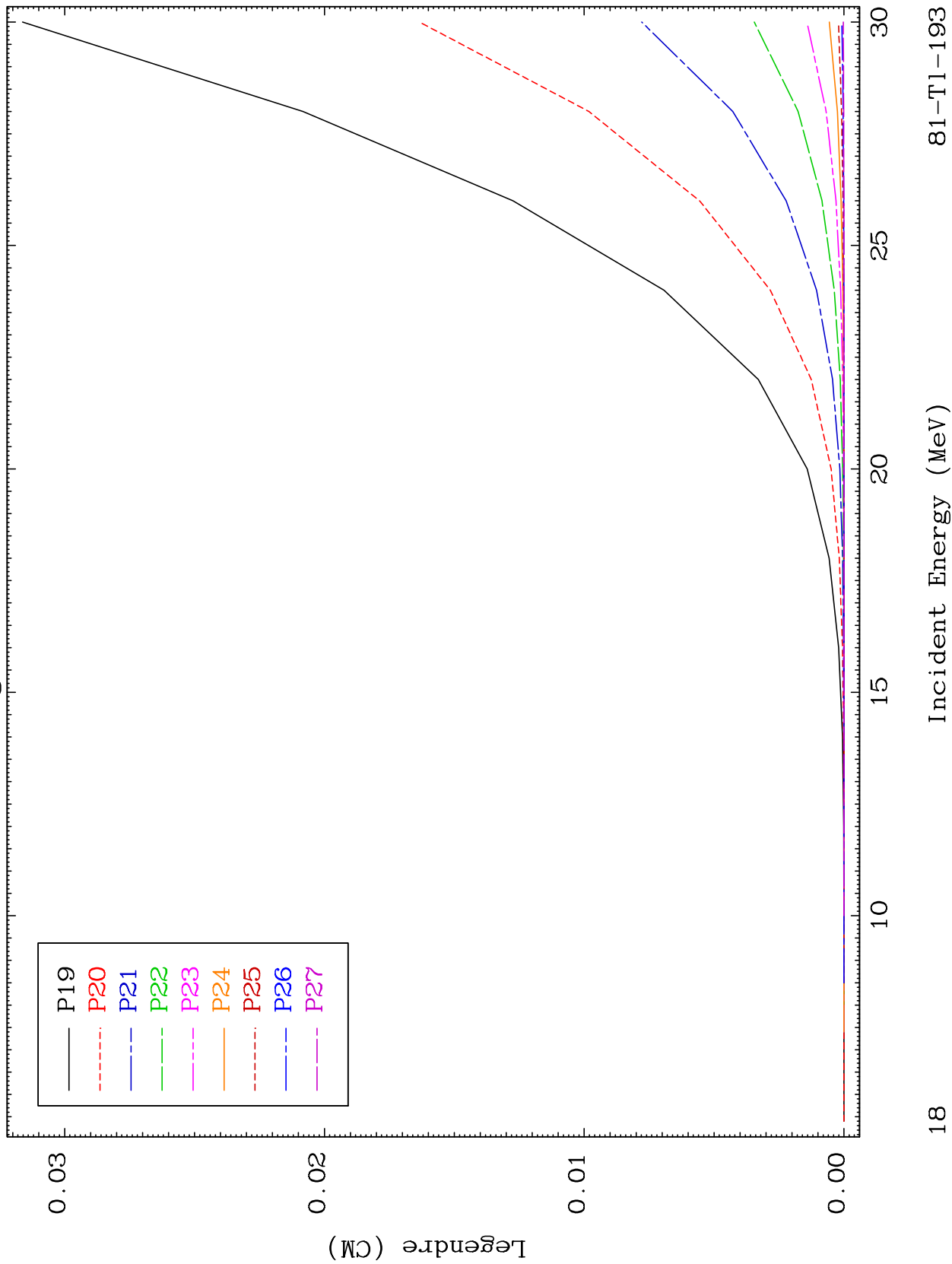
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MAT 8095

Elastic Legendre Coefficients

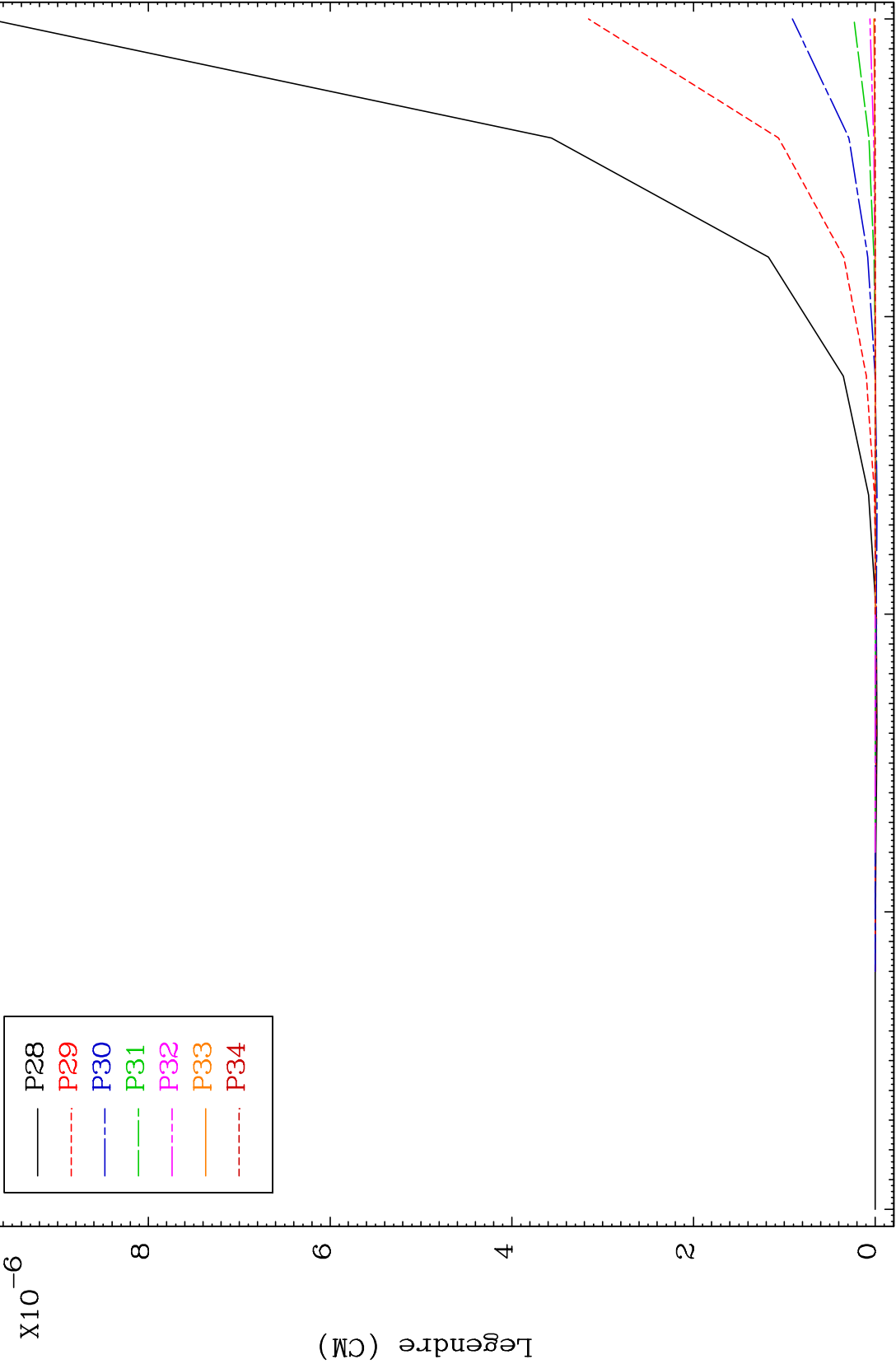
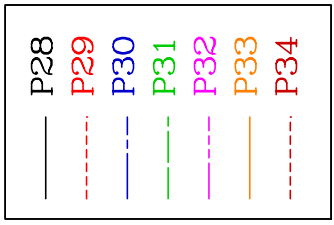
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MAT 8095

Elastic Legendre Coefficients

81-T1-193



19

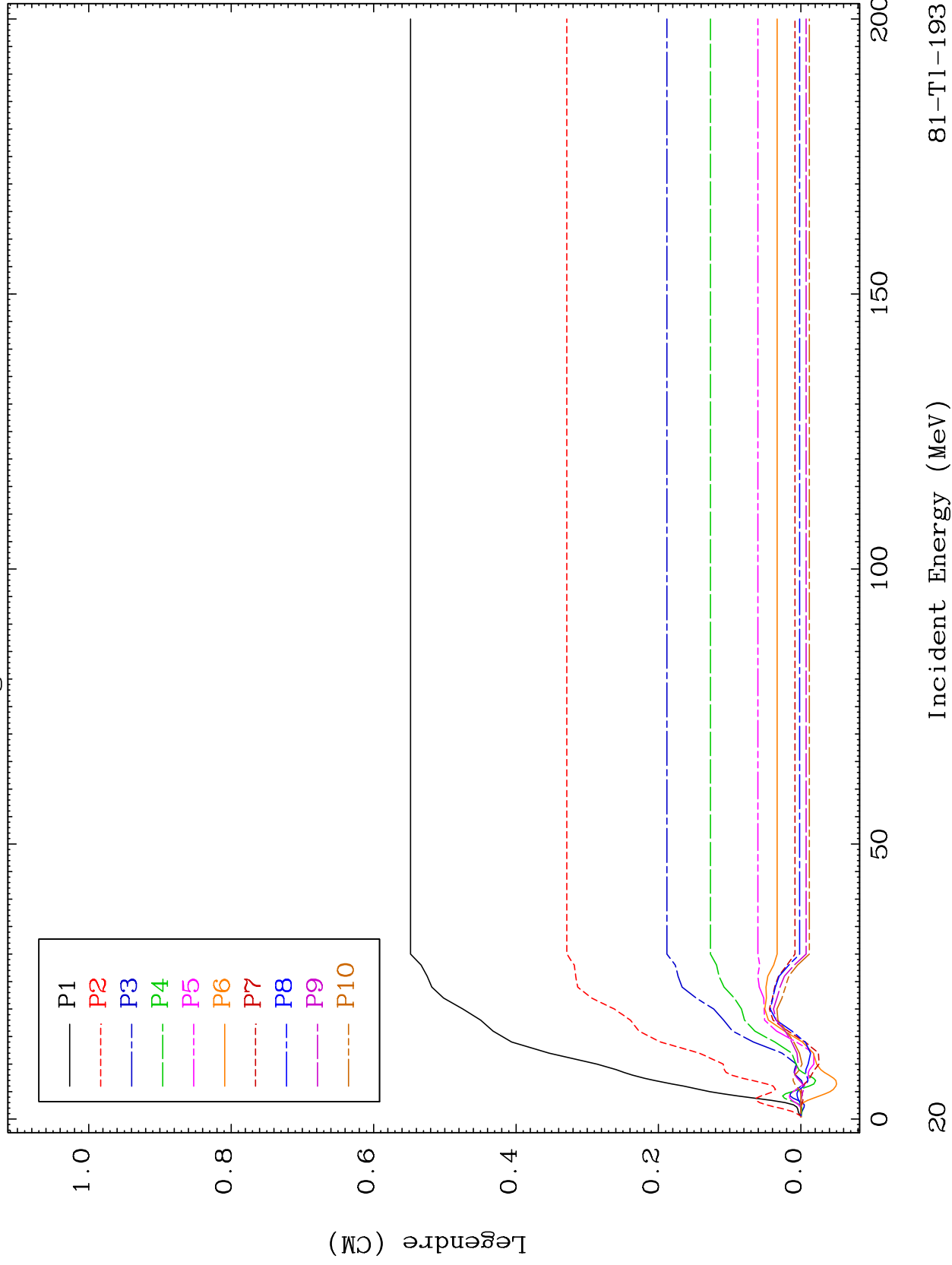
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-Tl-193



81-Tl-193

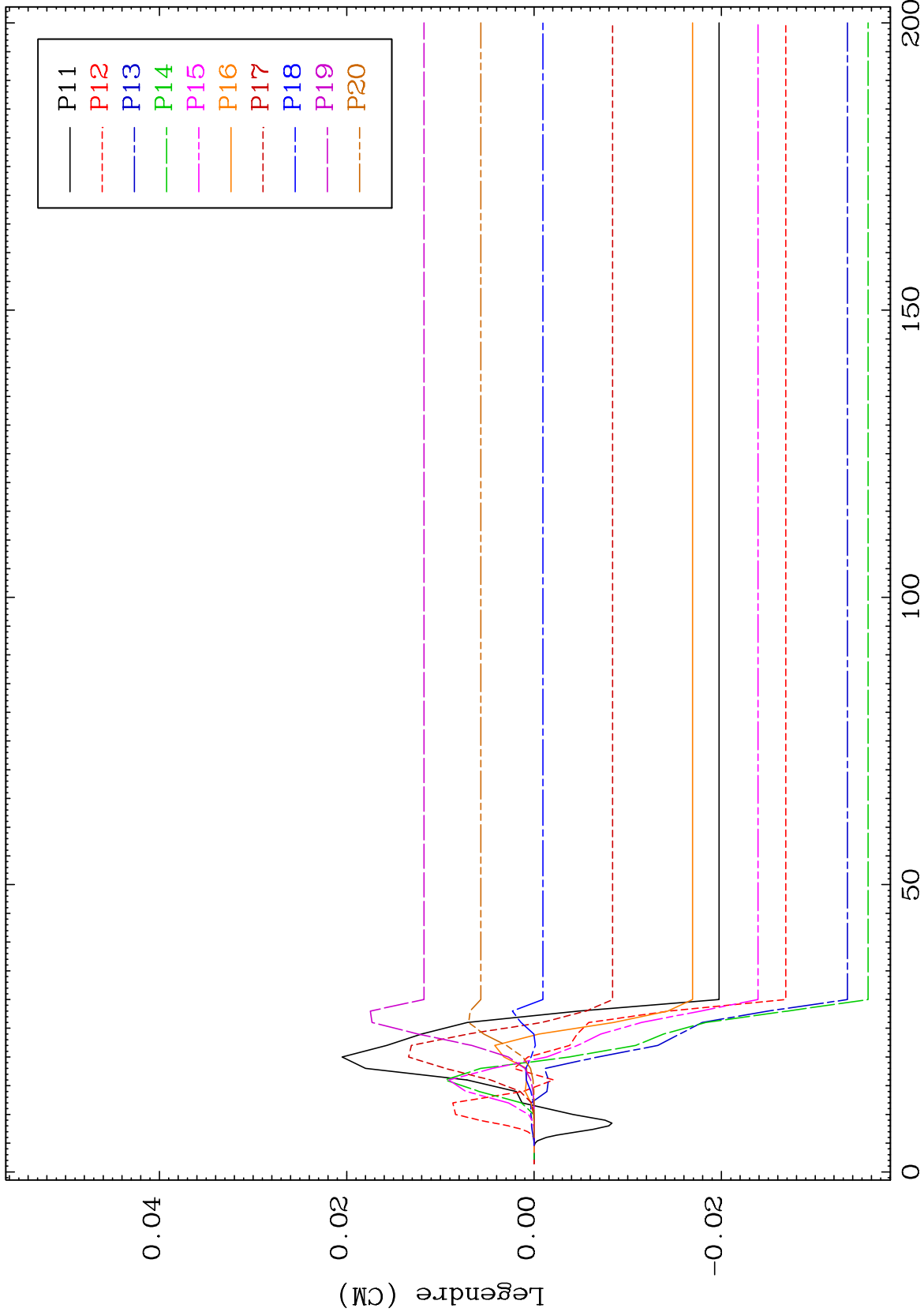
Incident Energy (MeV)

0

MAT 8095

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

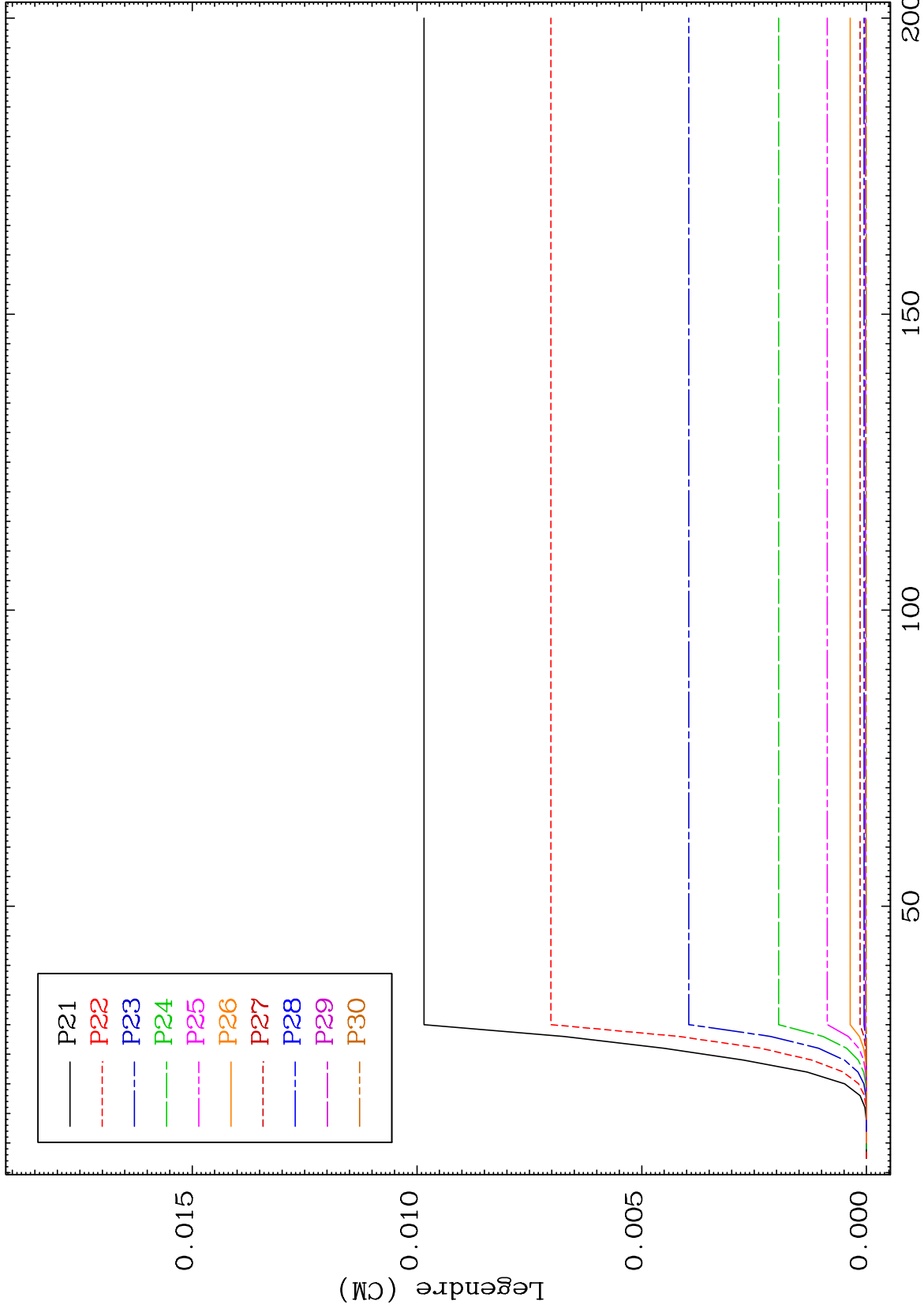
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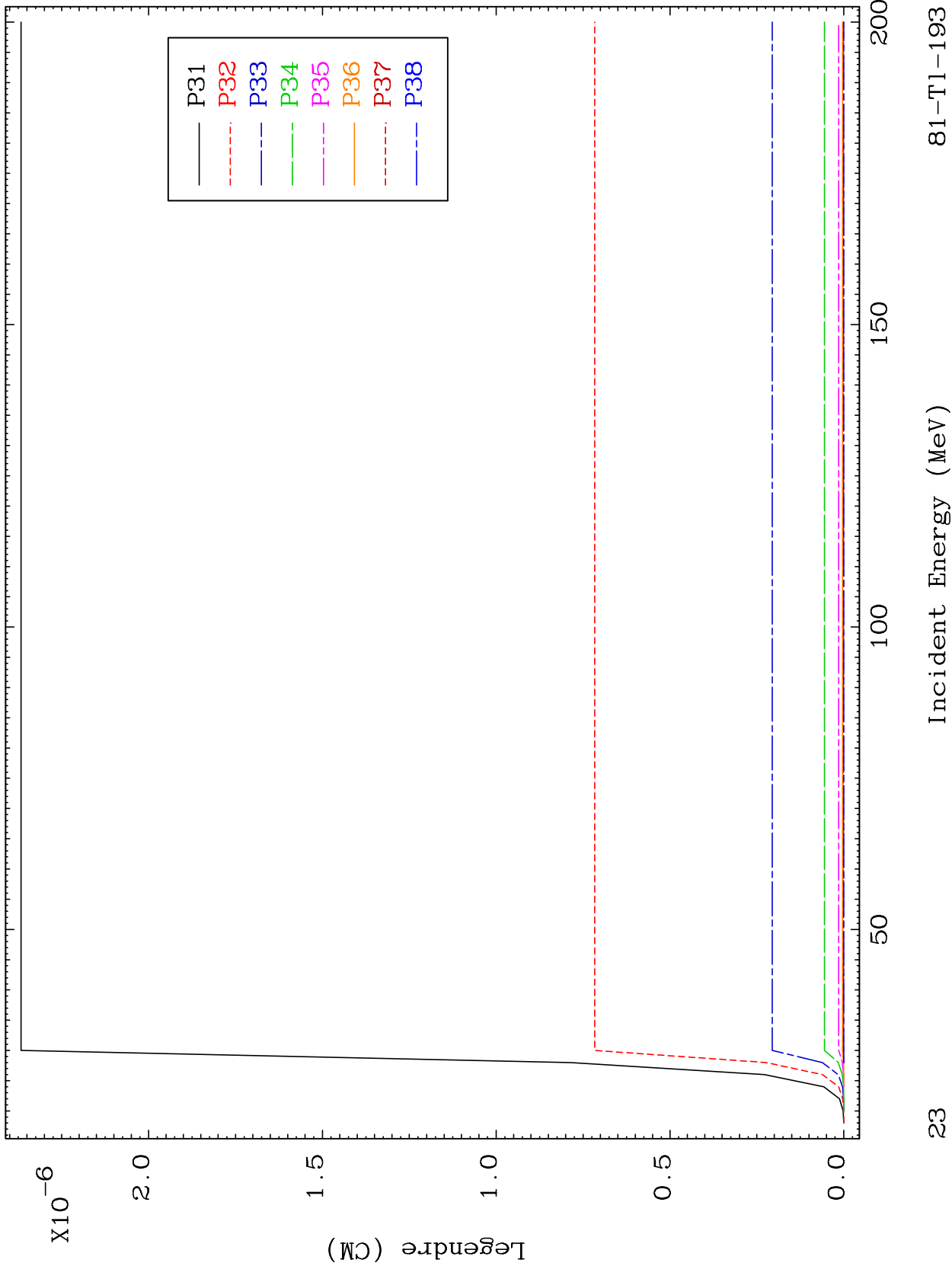


21

Incident Energy (MeV)

81-Tl-193

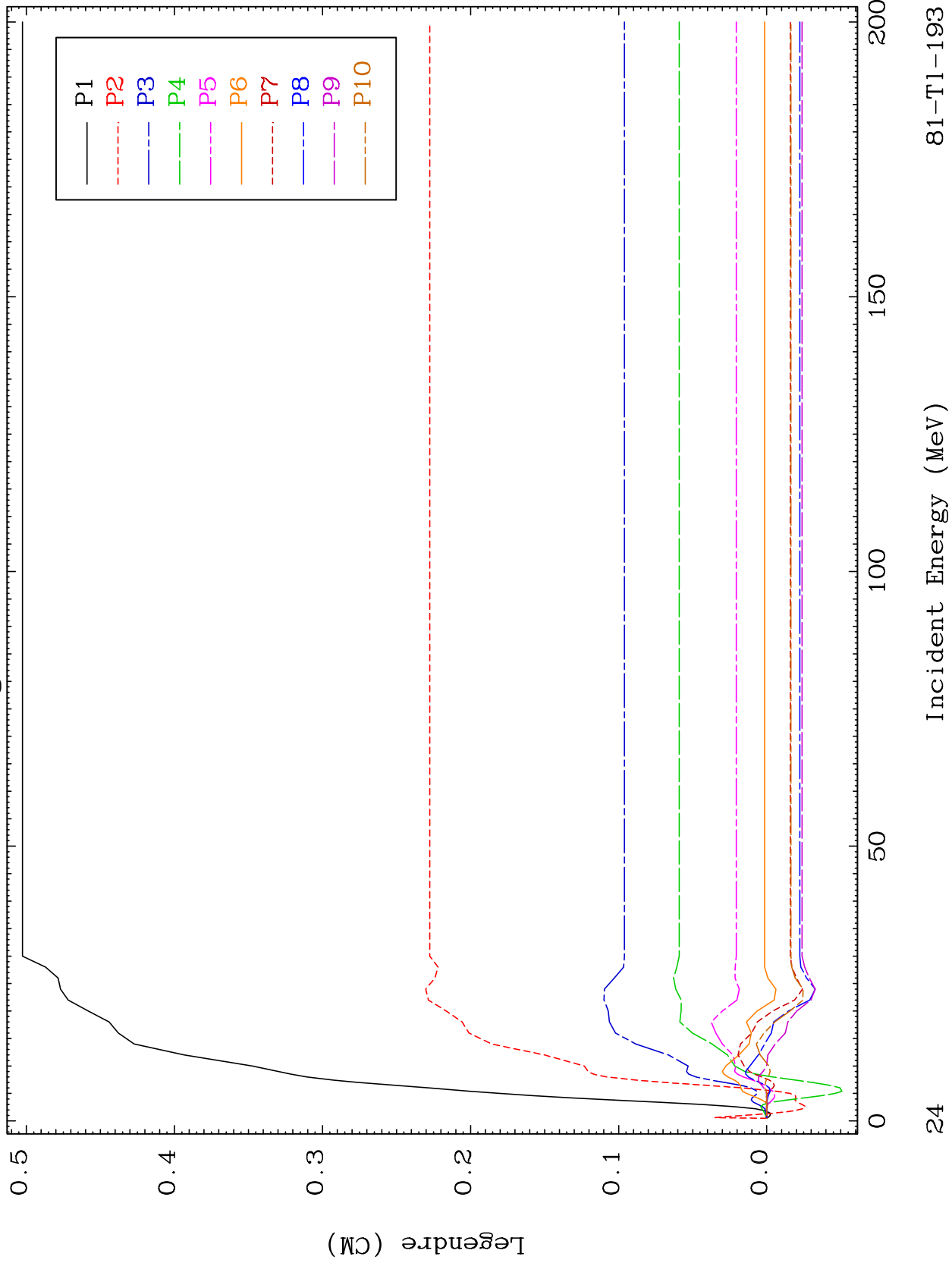




MAT 8095

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

81-T1-193



24

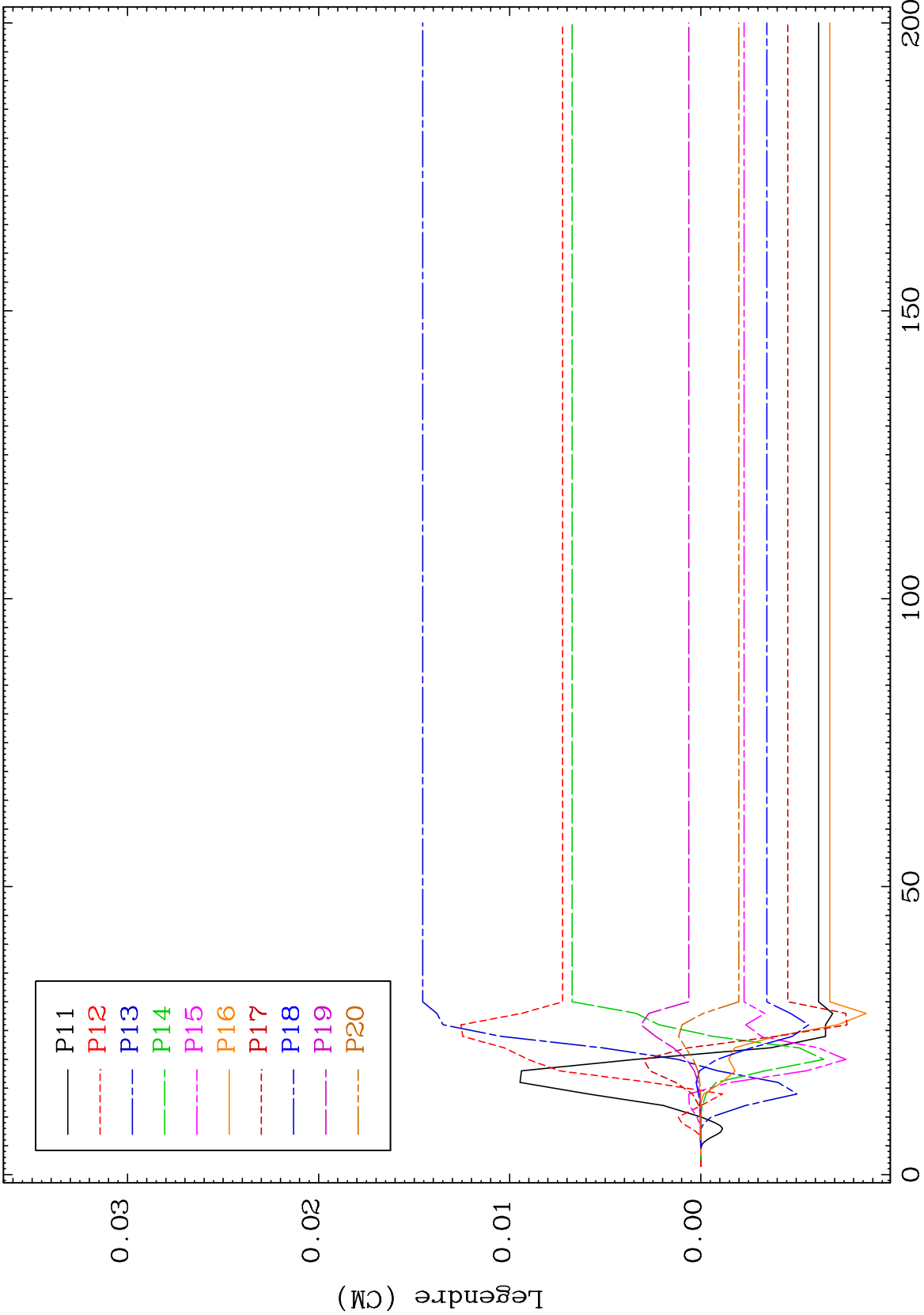
Incident Energy (MeV)

81-T1-193

MAT 8095

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

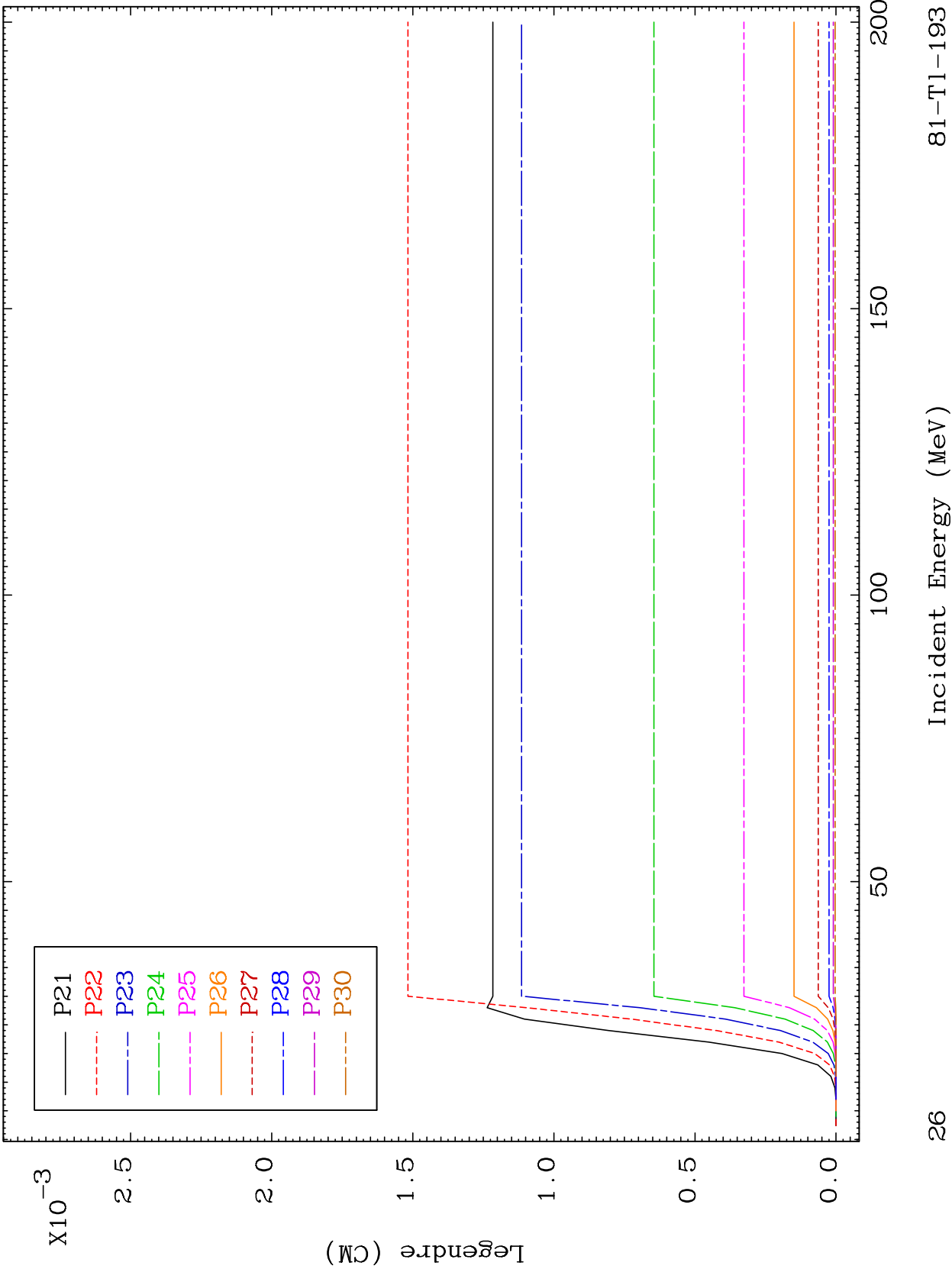
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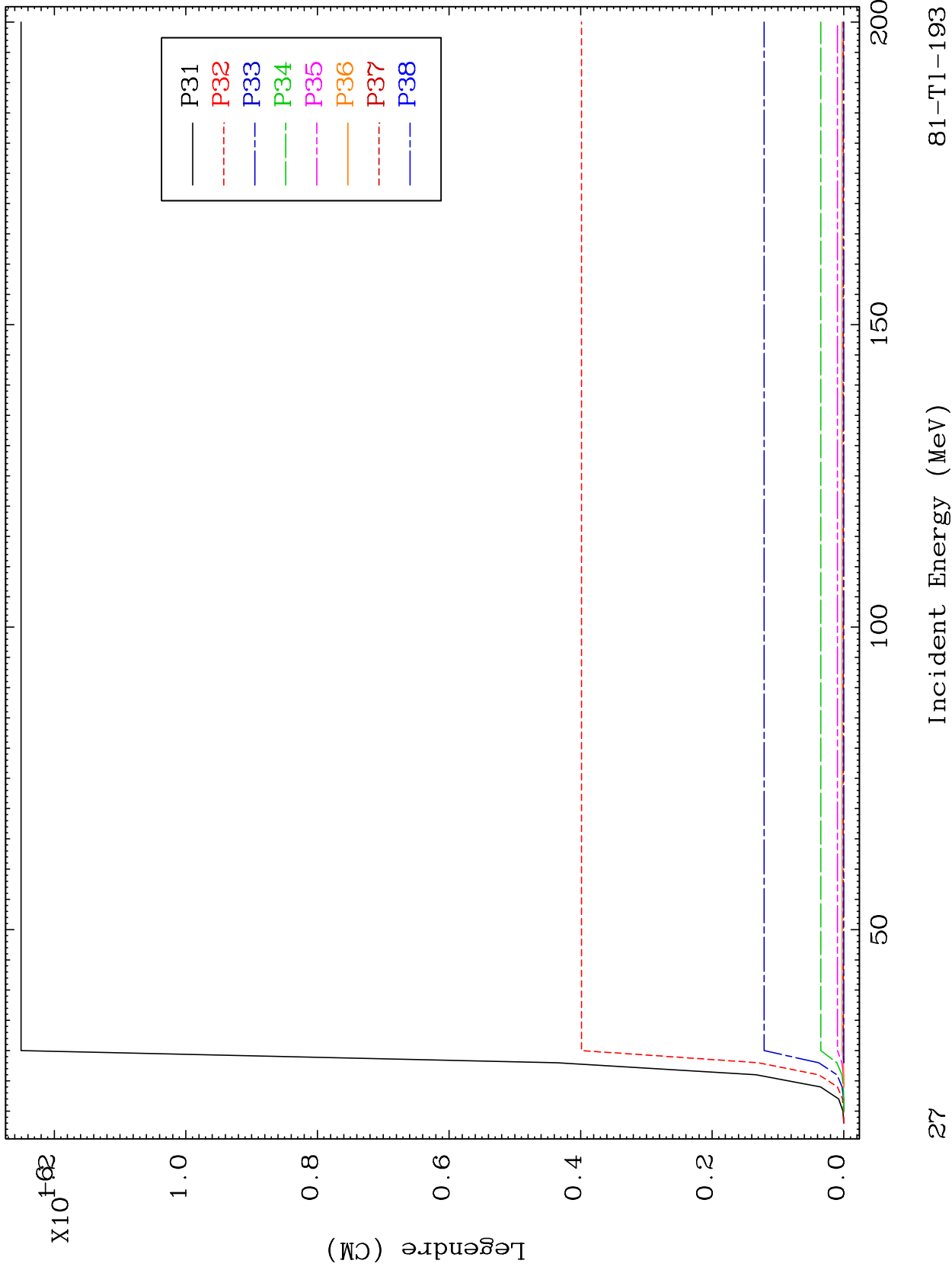


25

Incident Energy (MeV)

81-Tl-193

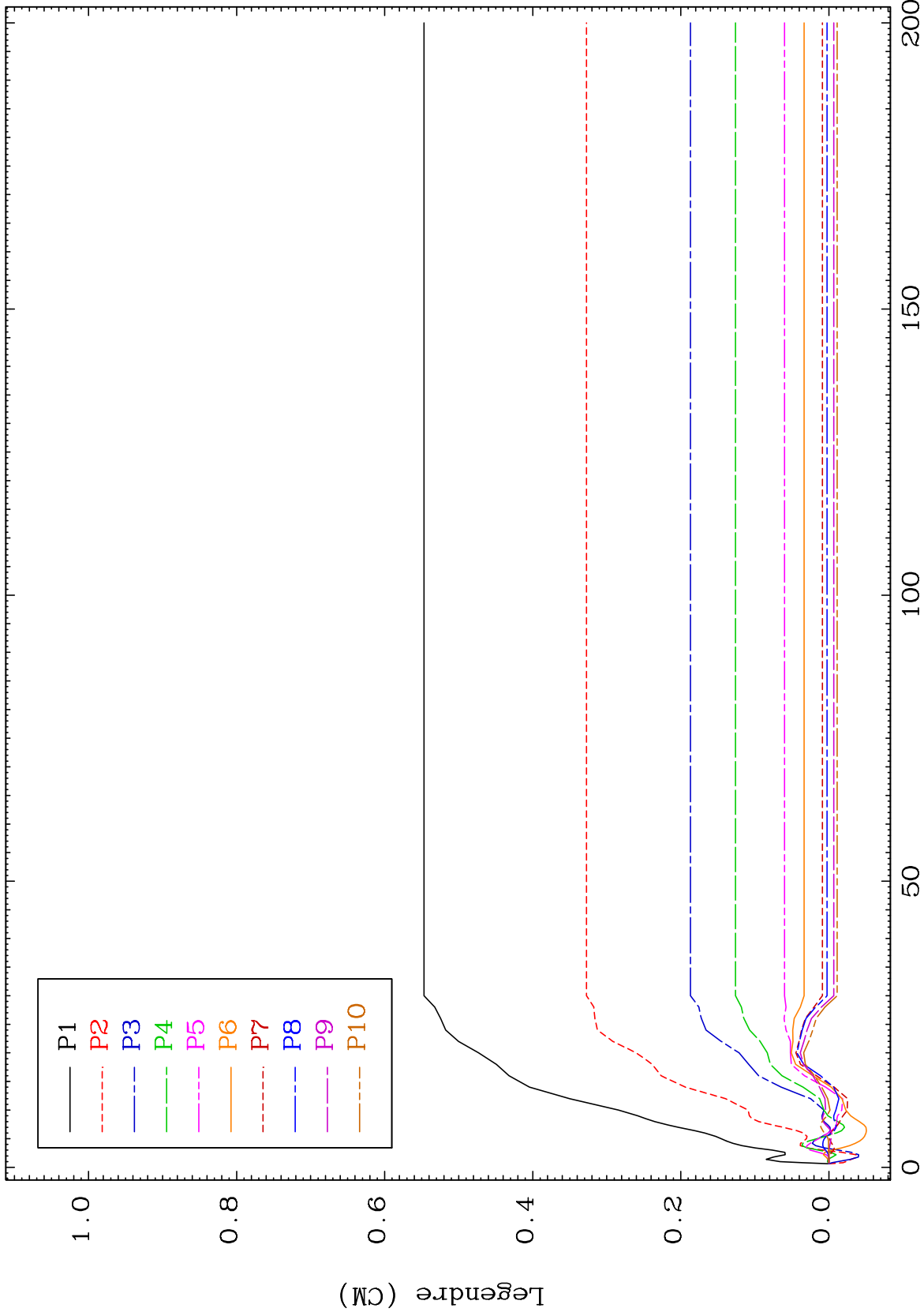




MAT 8095

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

81-T1-193



28

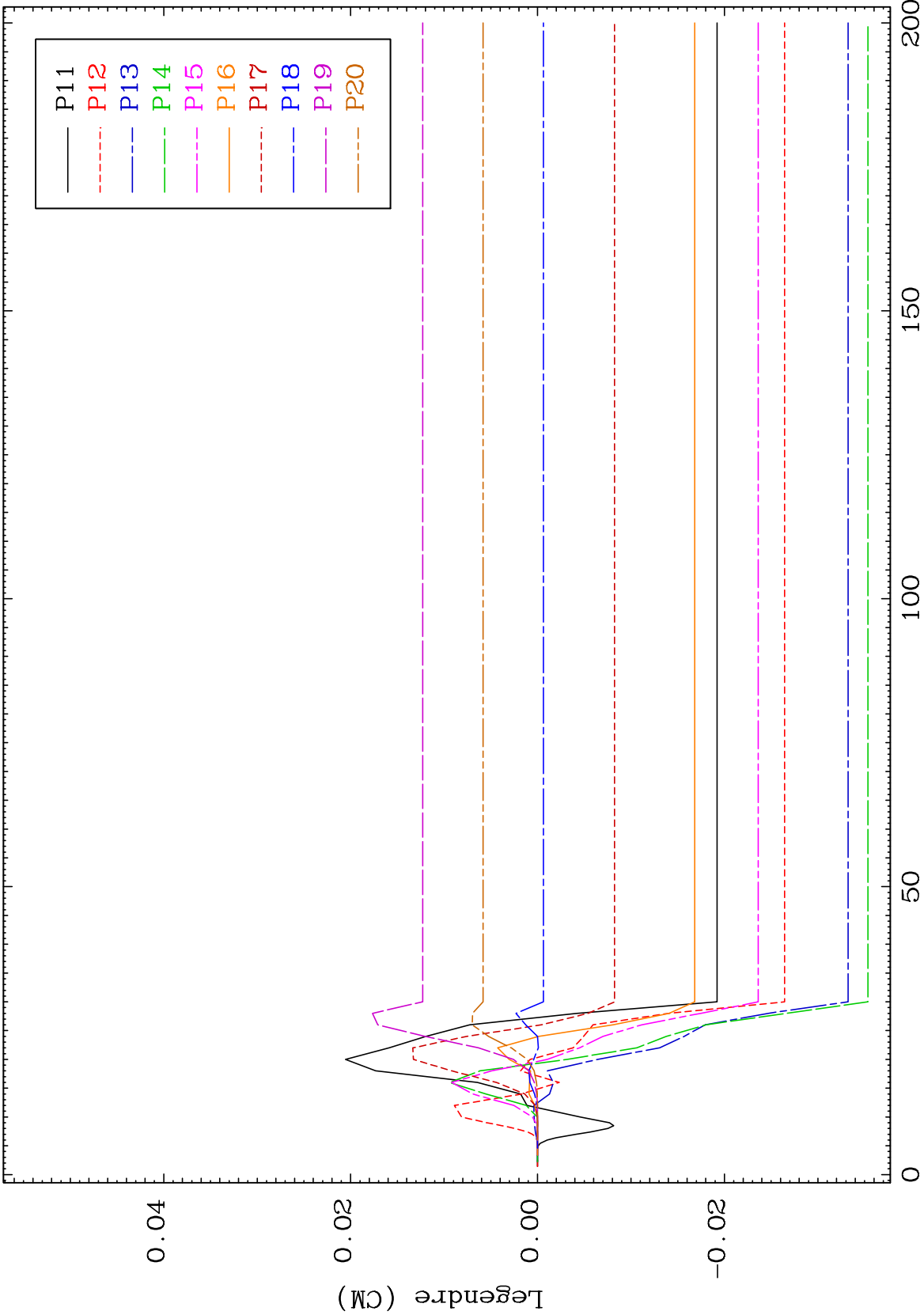
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-Tl-193



29

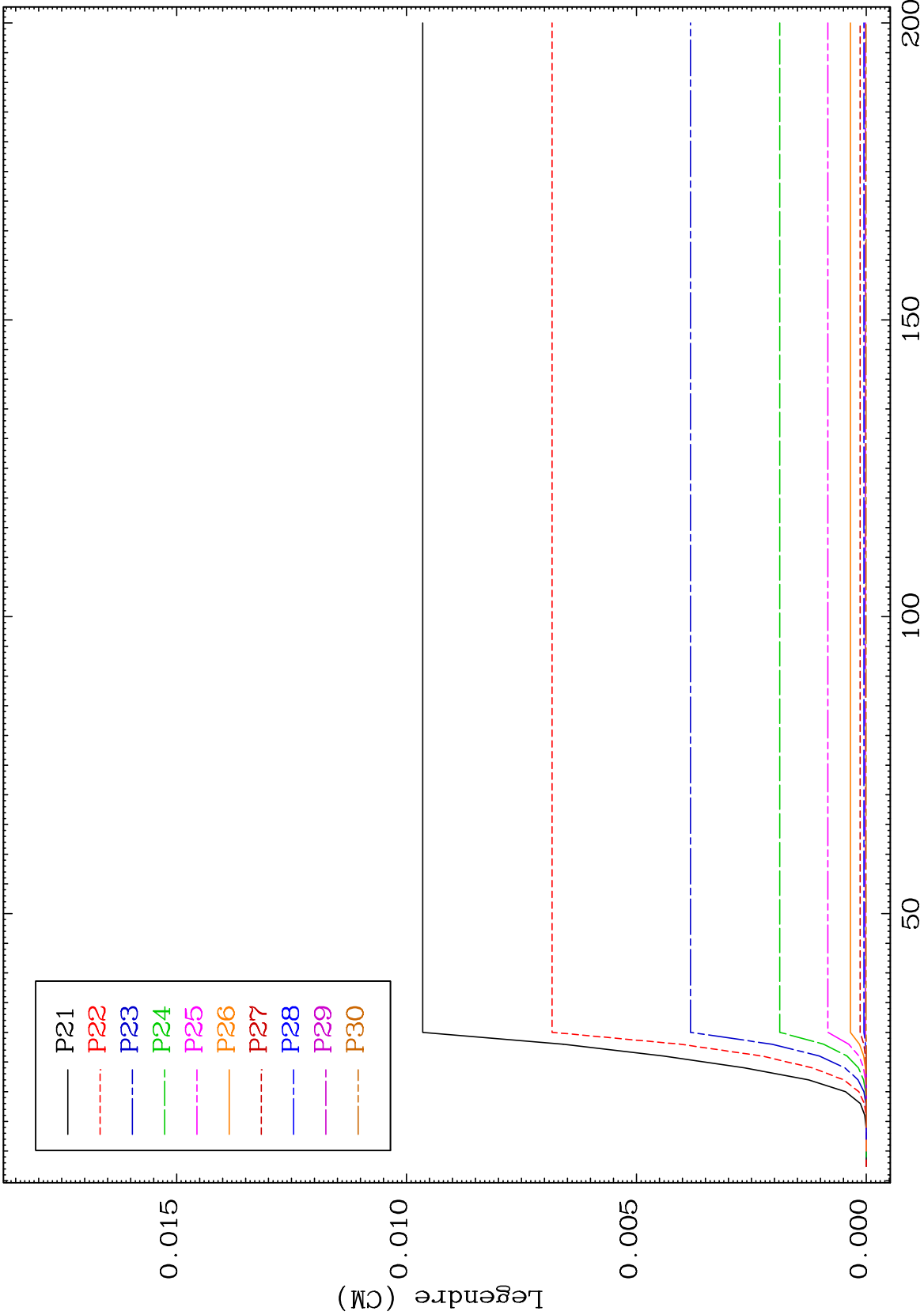
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



30

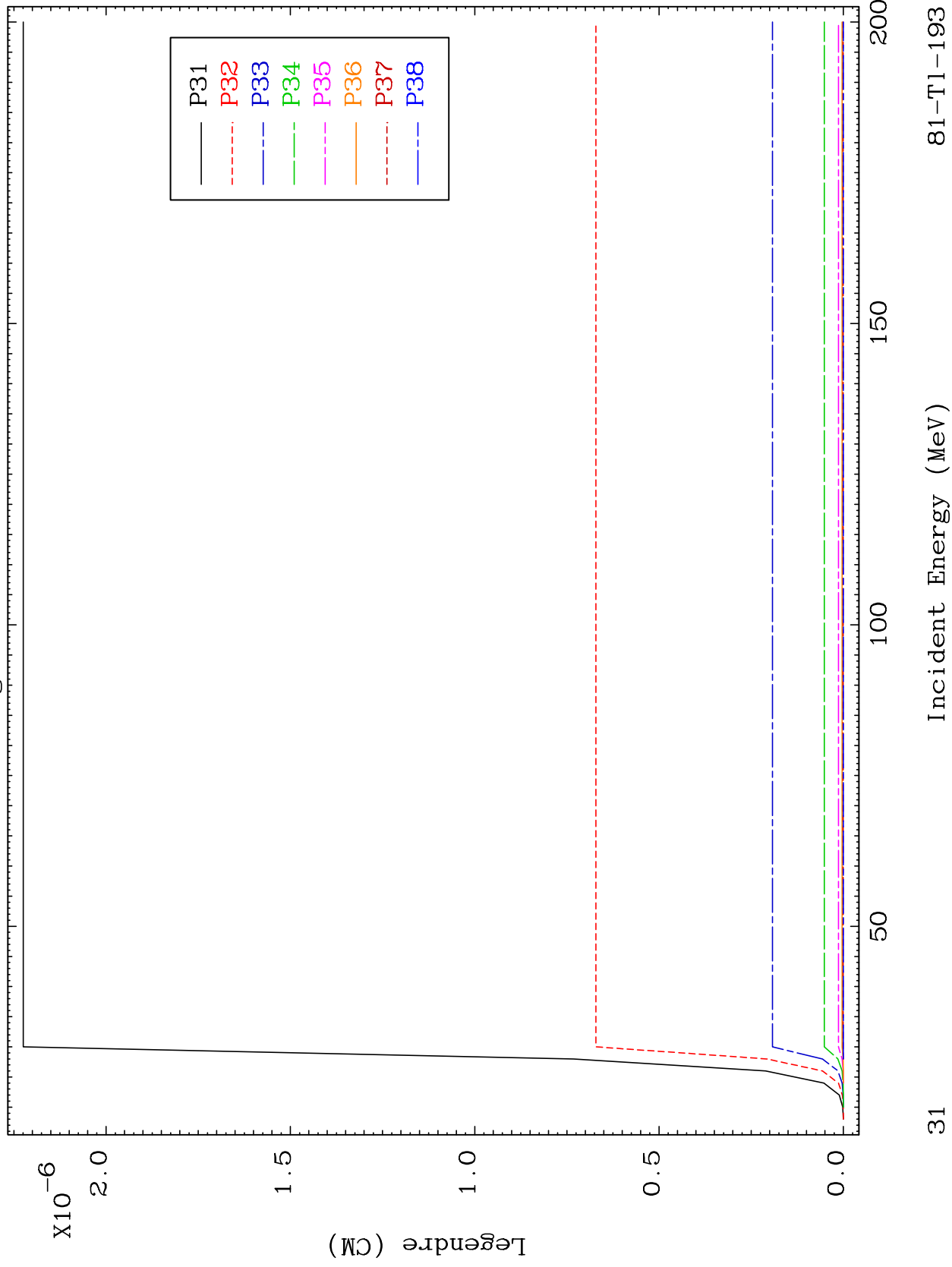
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193



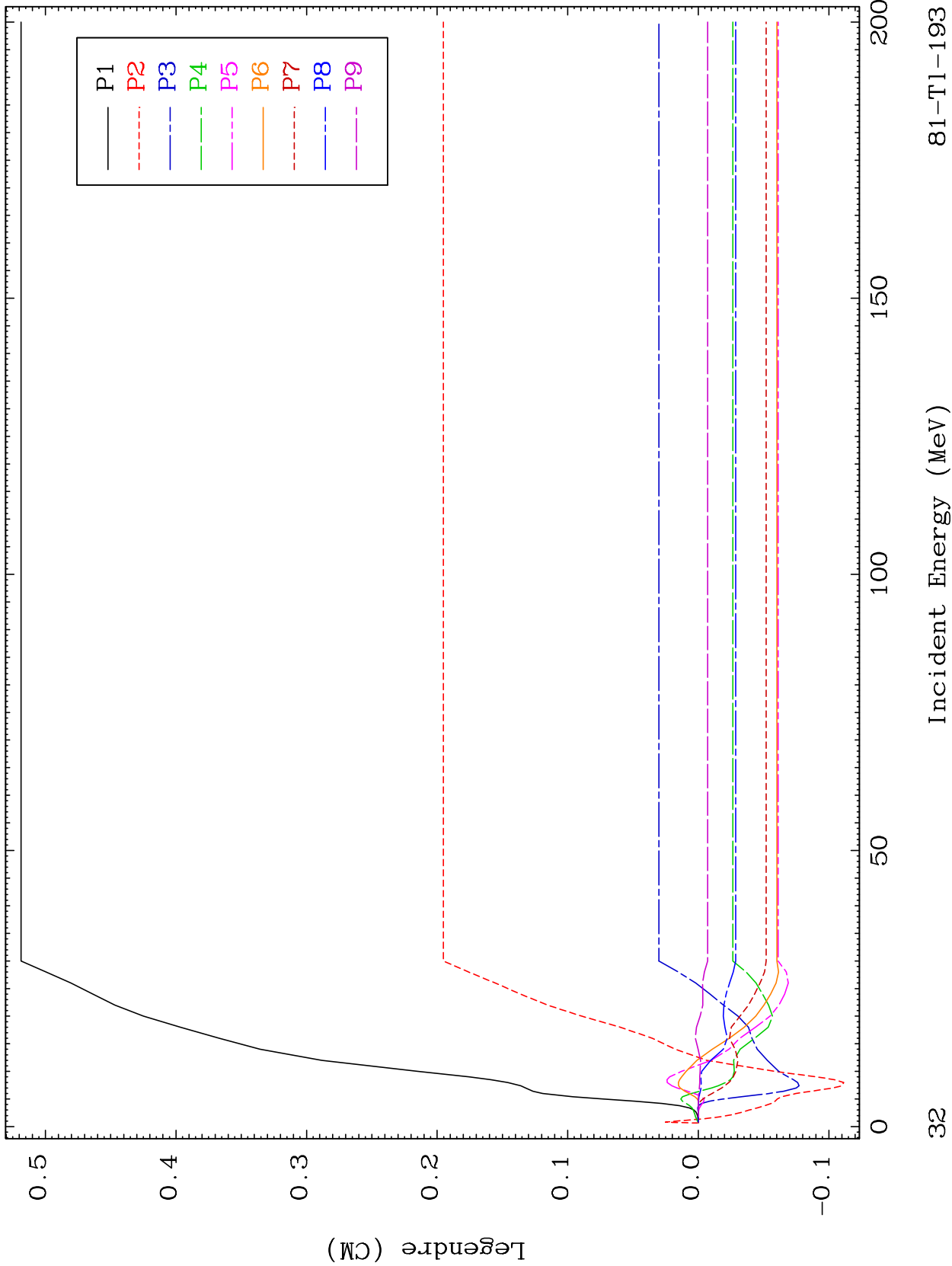
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81-T1-193

MAT 8095

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

81-Tl-193



81-Tl-193

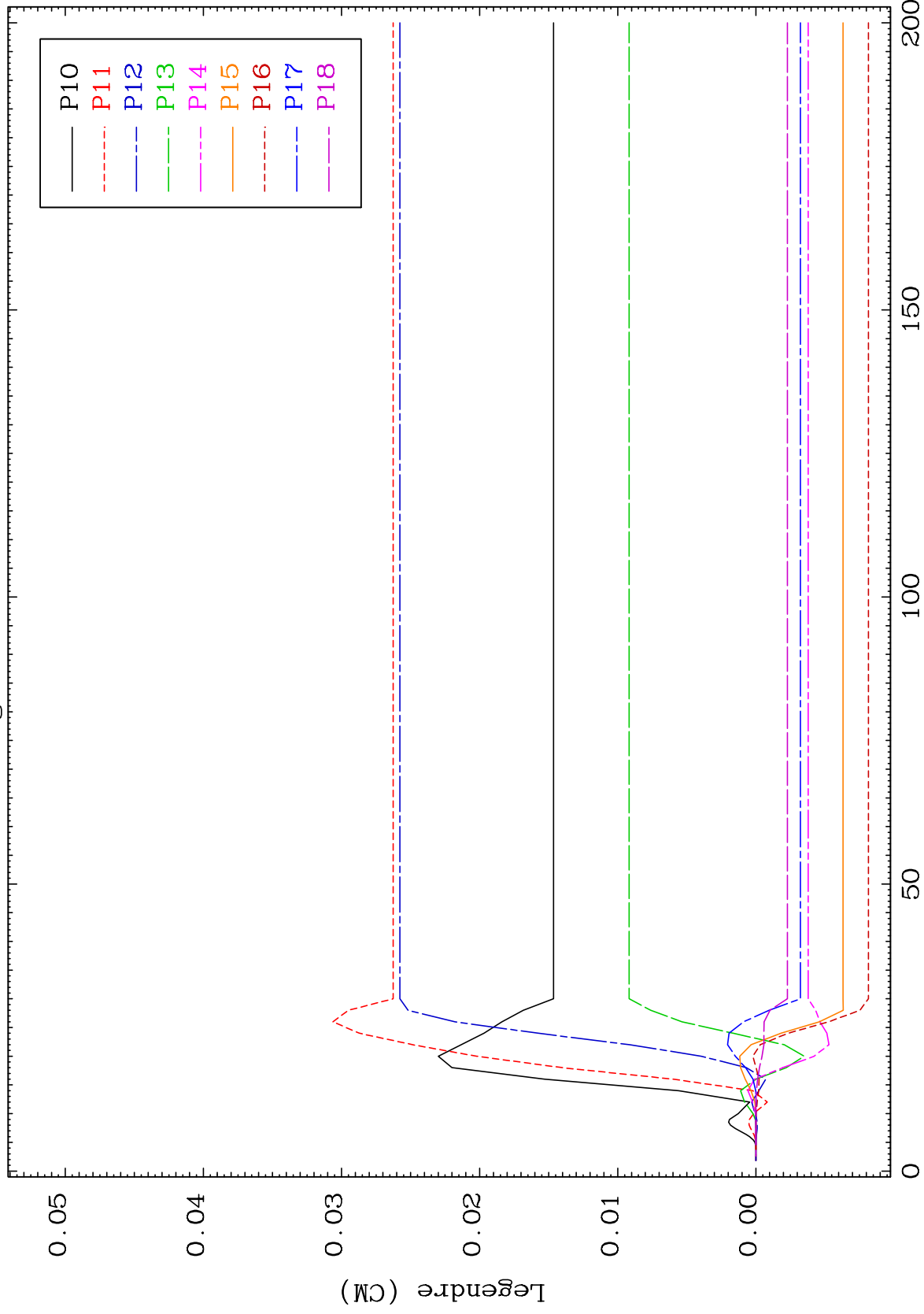
Incident Energy (MeV)

32

MAT 8095

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

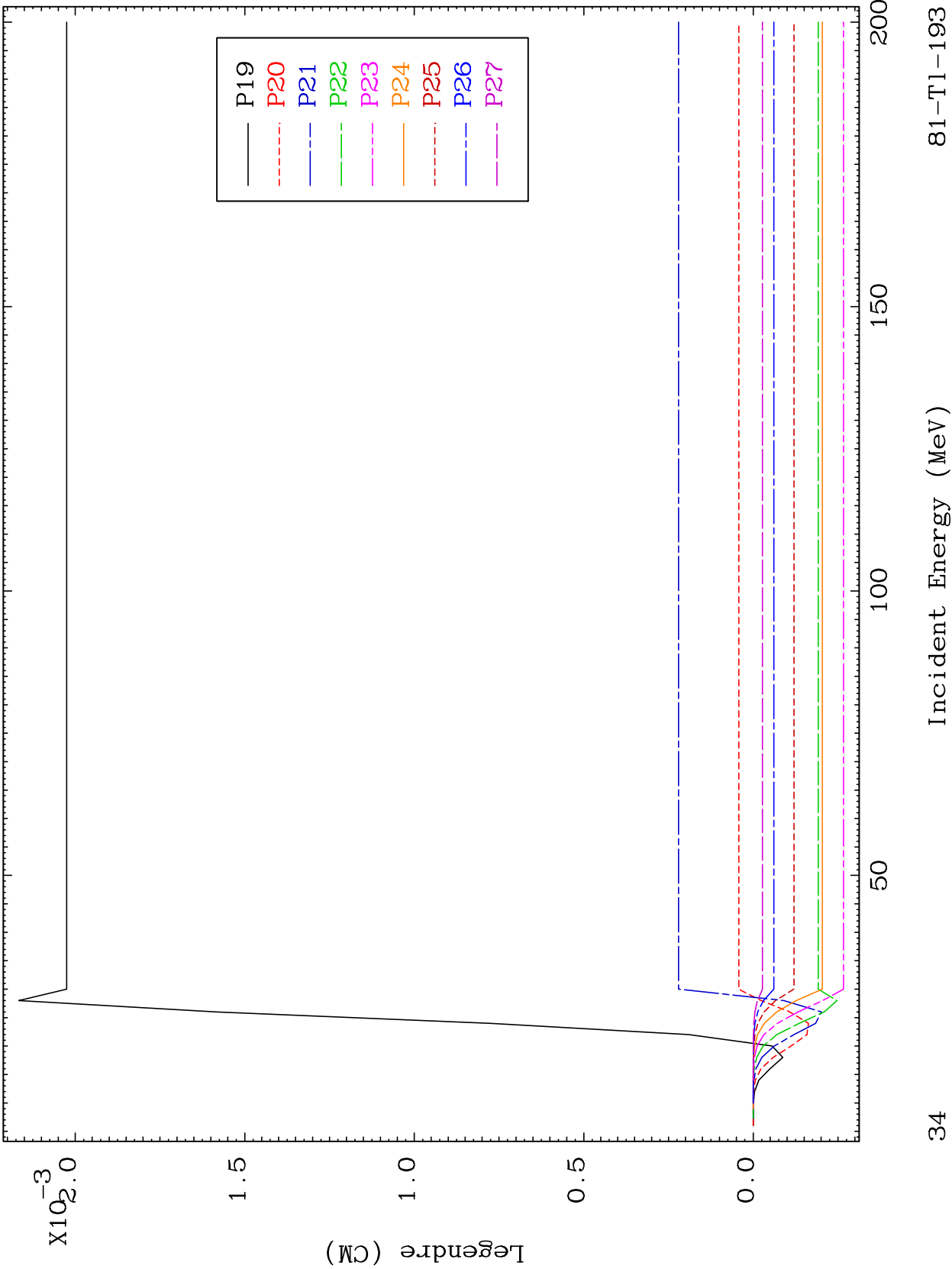
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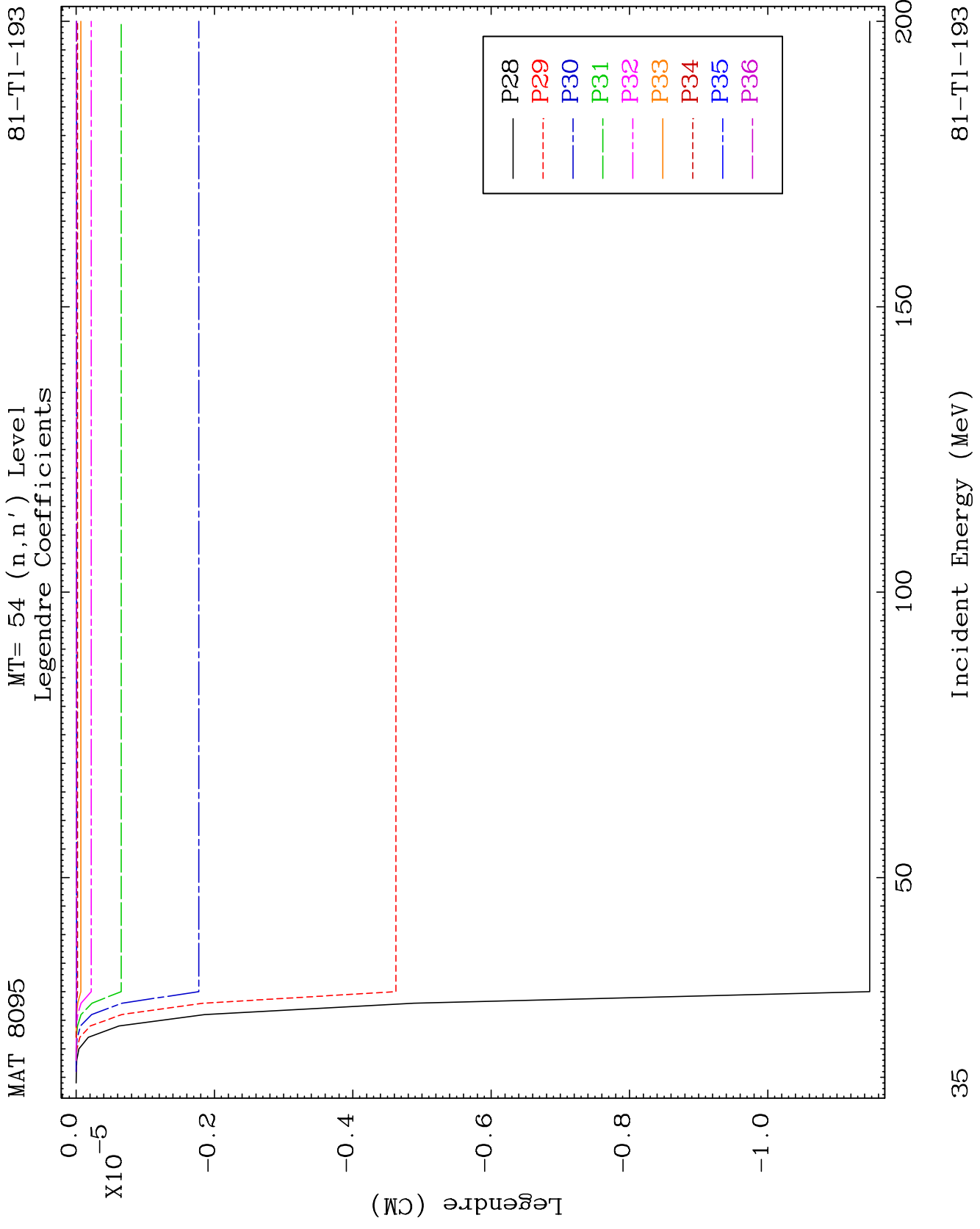


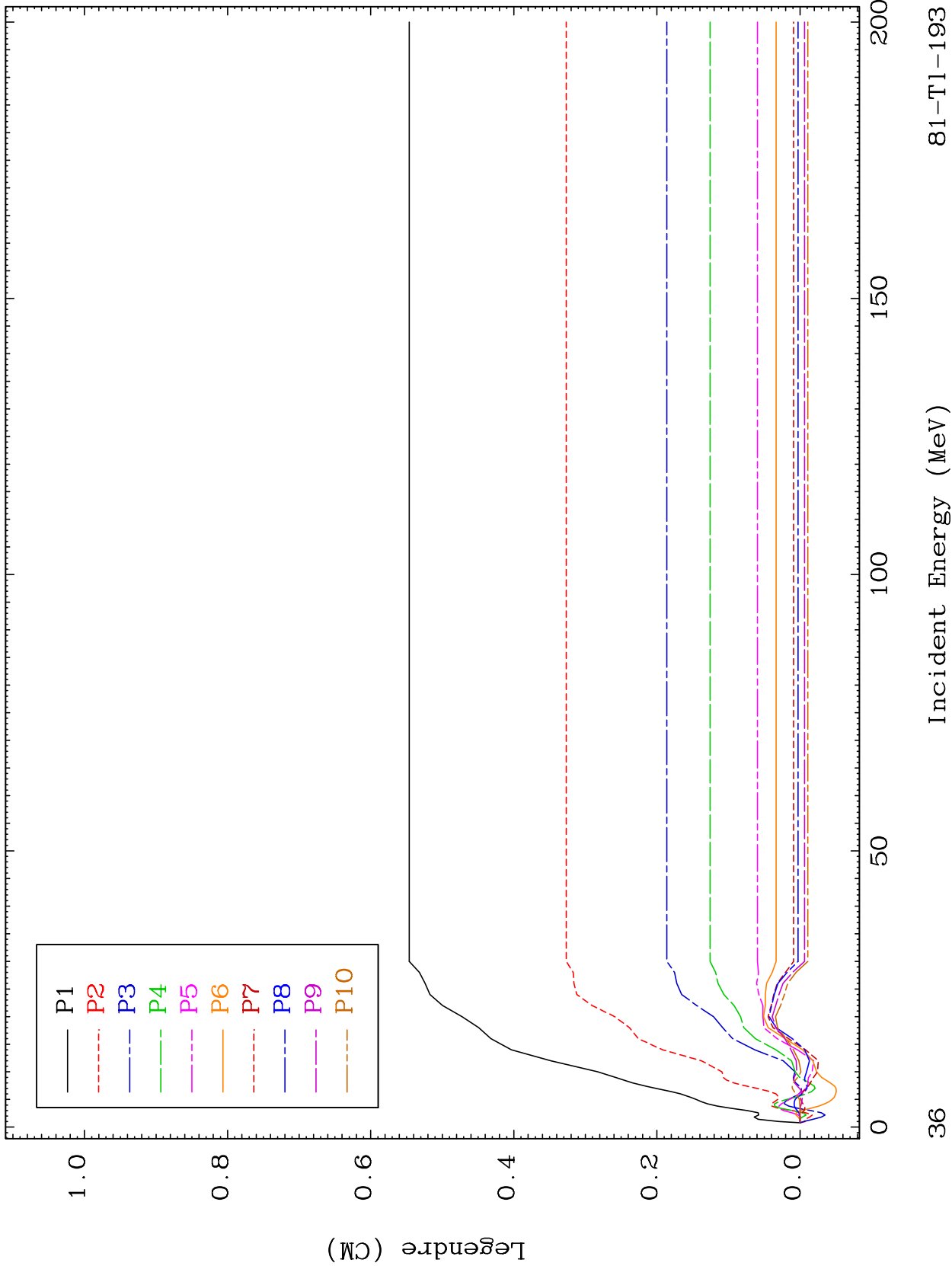
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Incident Energy (MeV)

81-T1-193



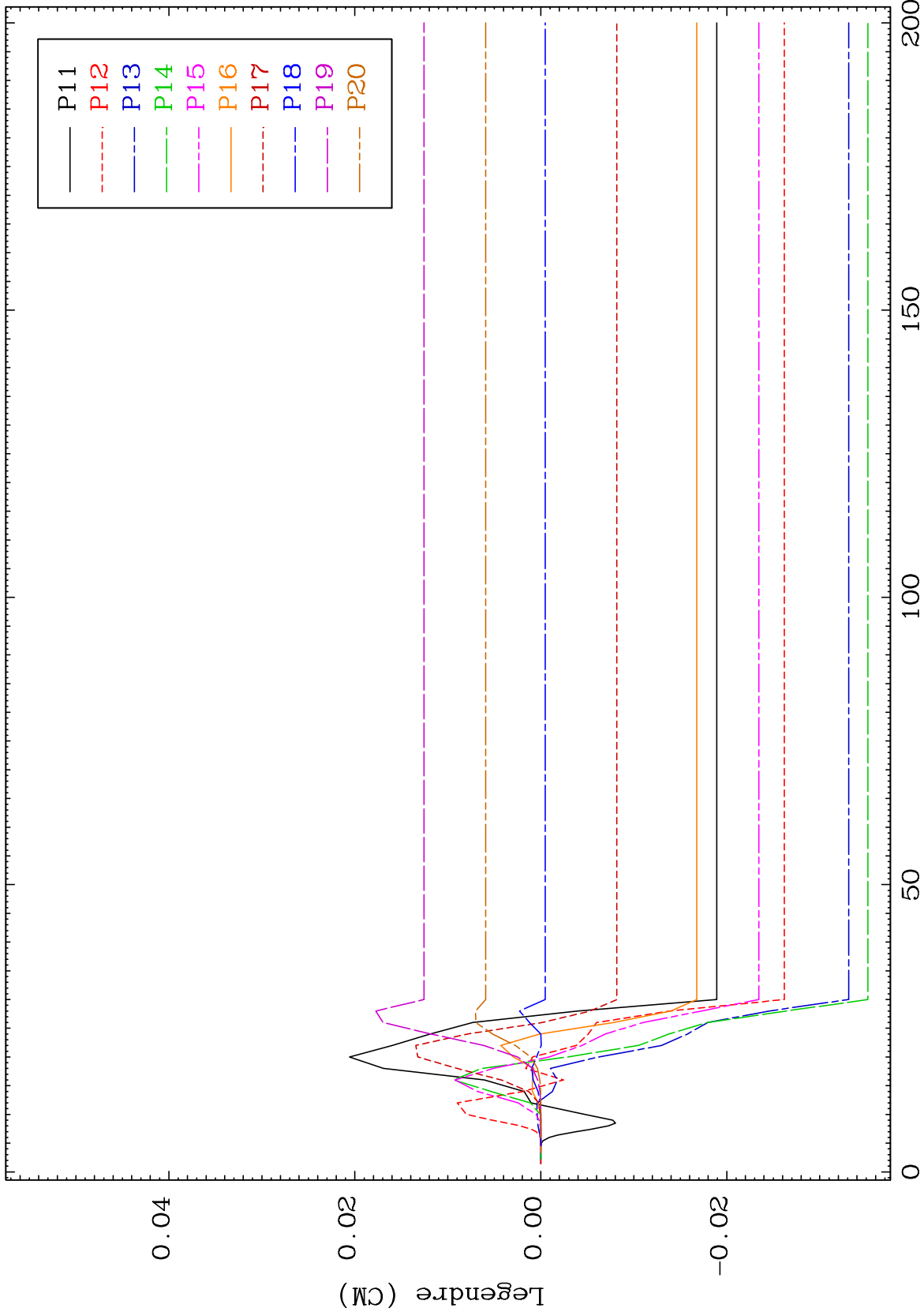




MAT 8095

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

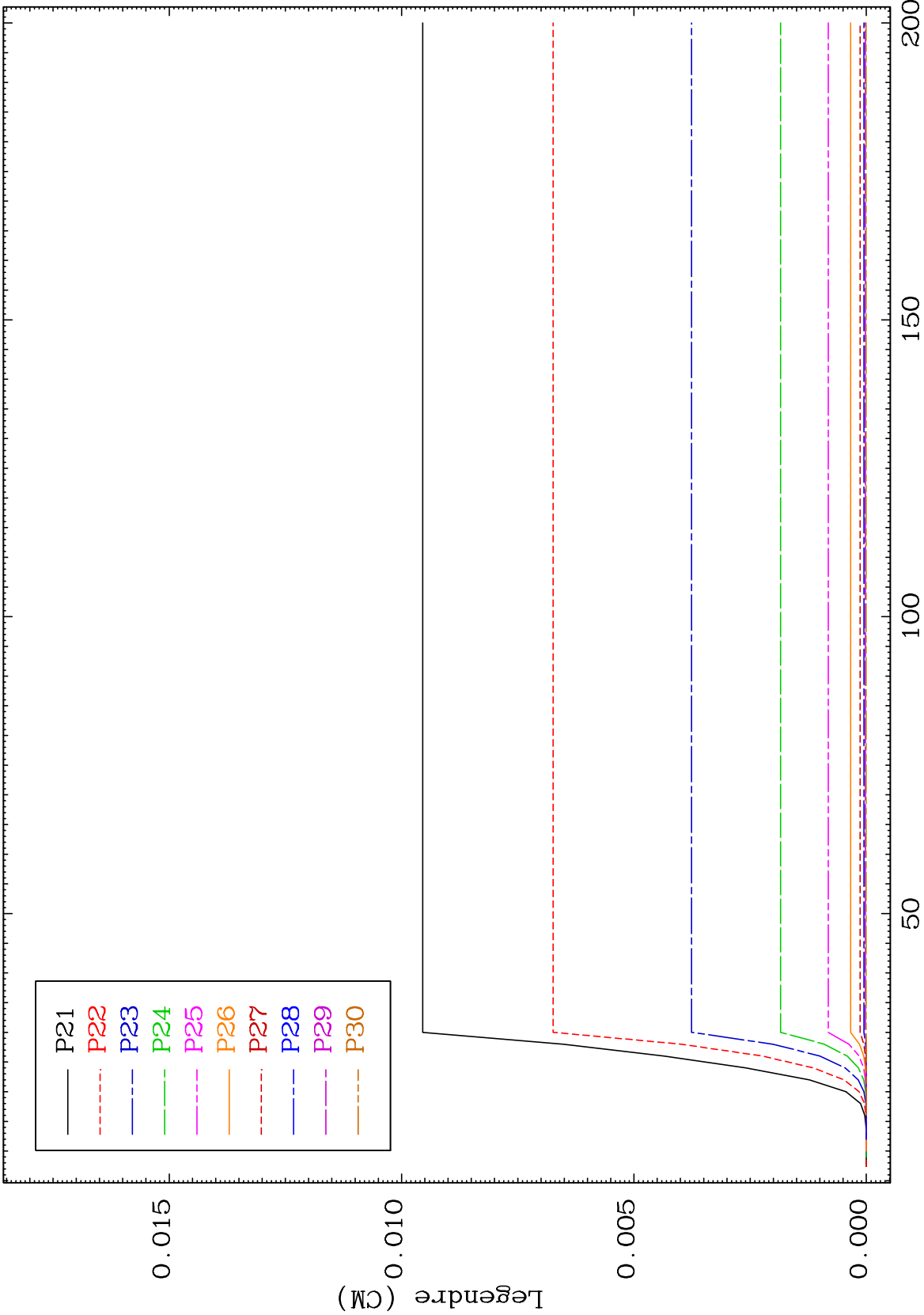
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Incident Energy (MeV)

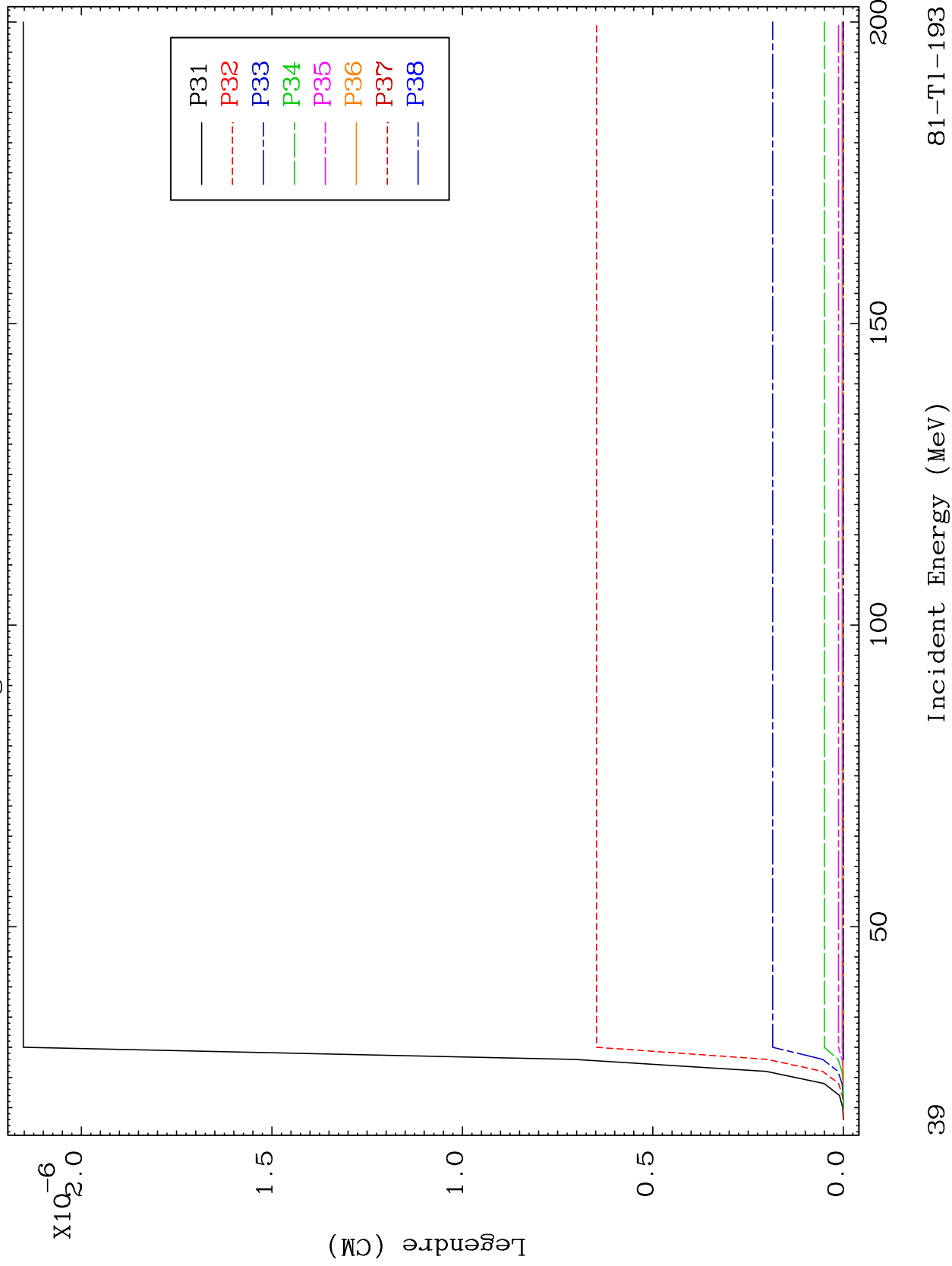
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MAT 8095

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

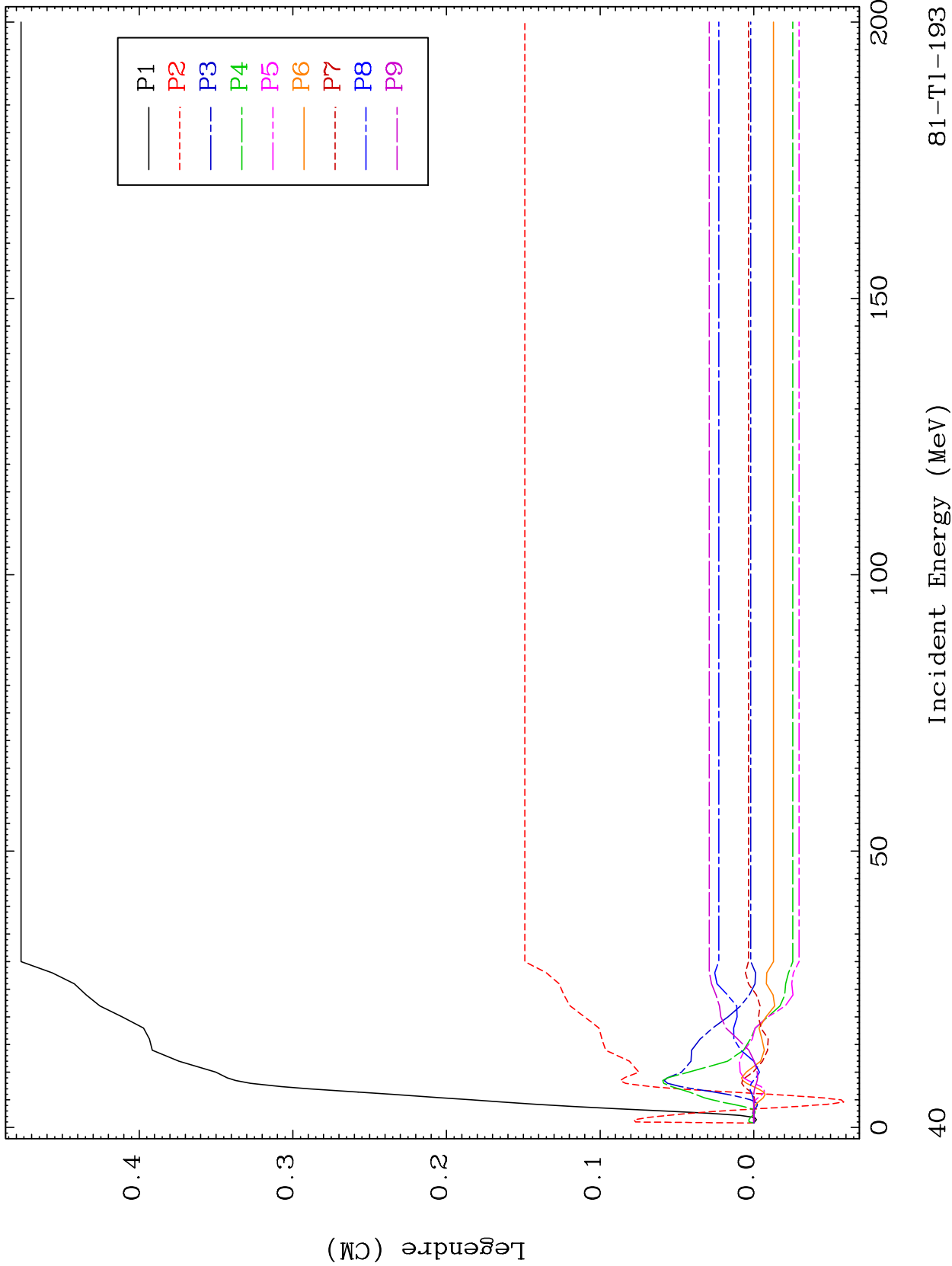
81-Tl-193



MAT 8095

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

81-T1-193

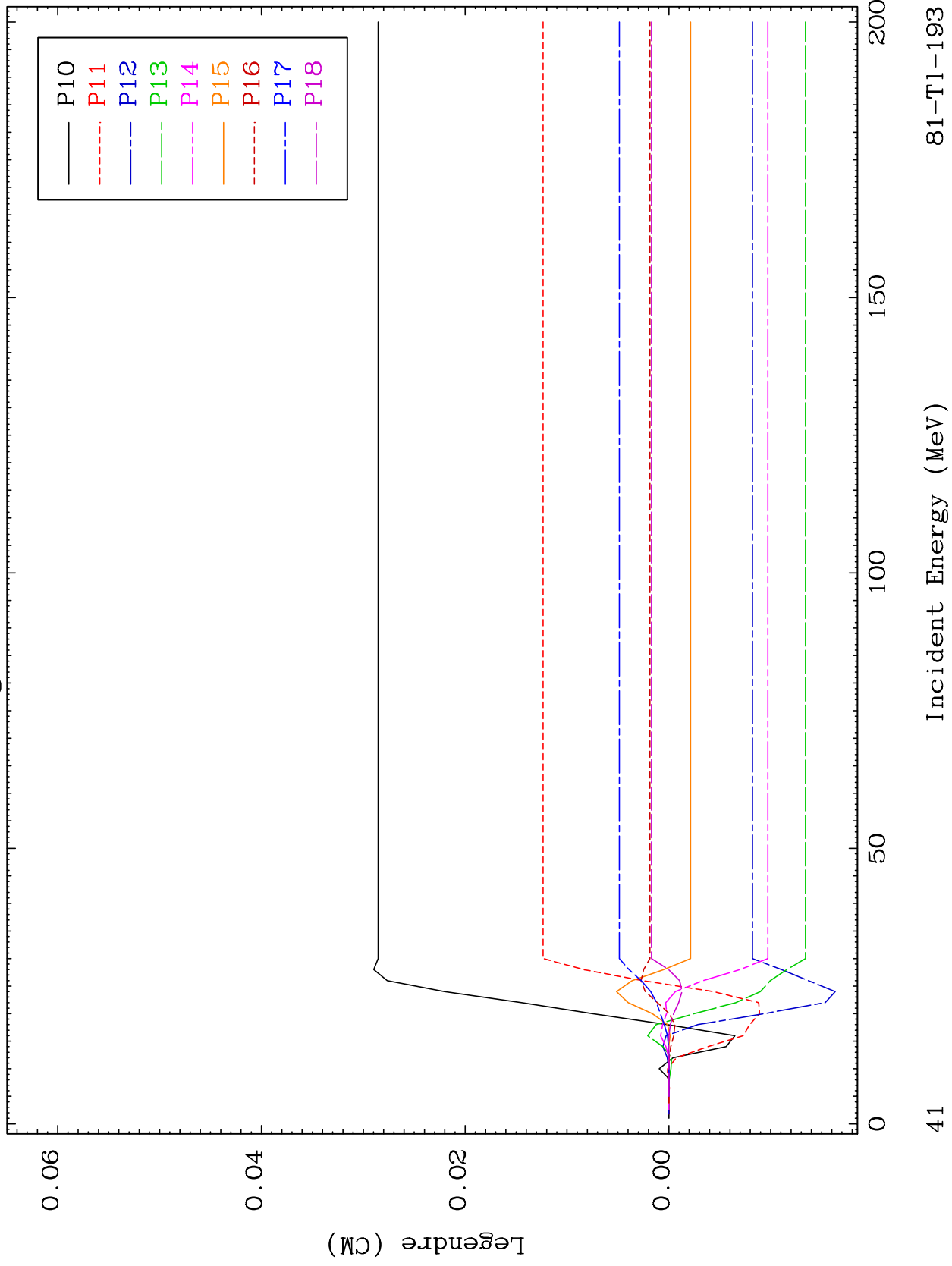


81-T1-193

MAT 8095

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

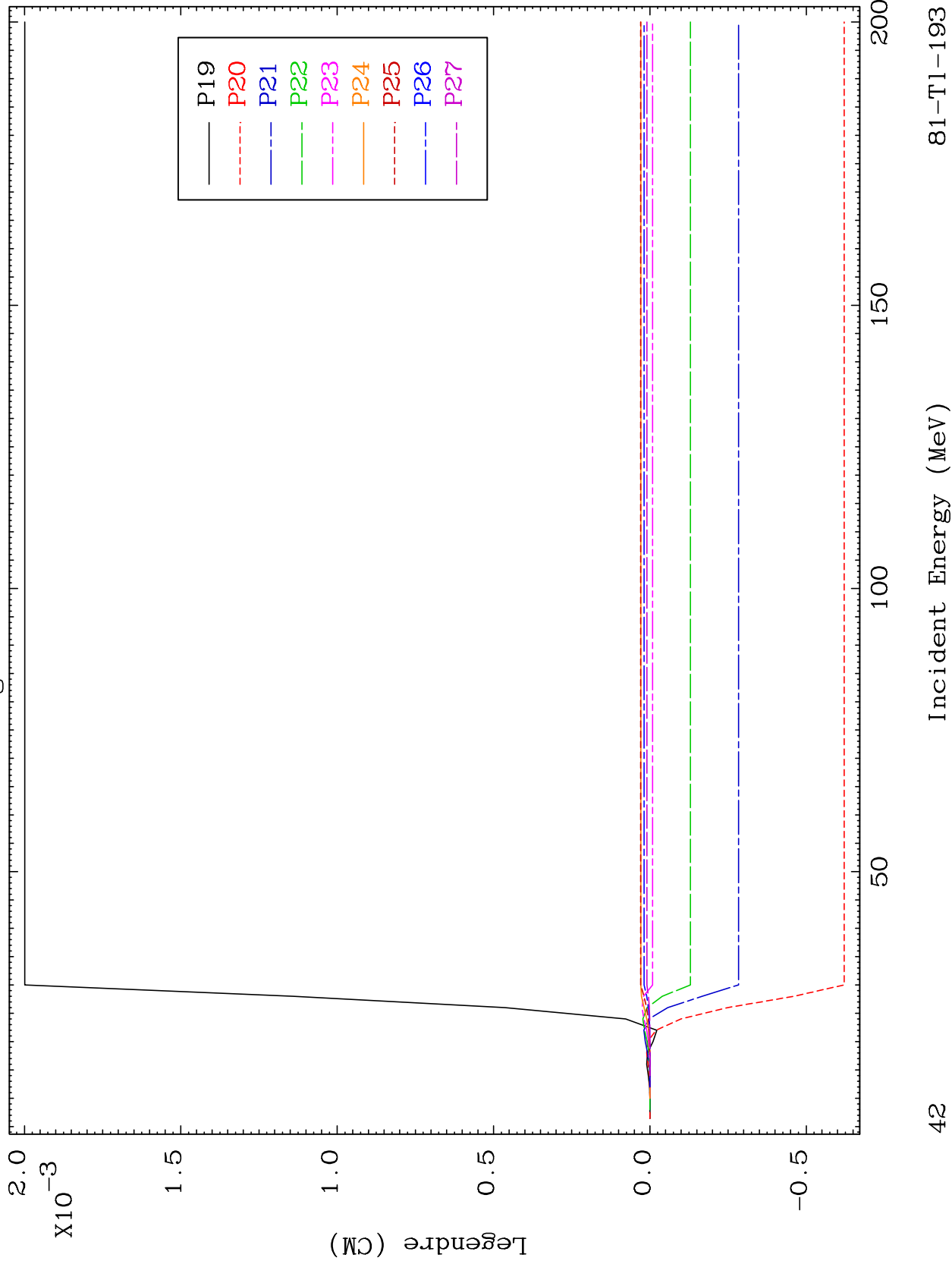
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41

Incident Energy (MeV)

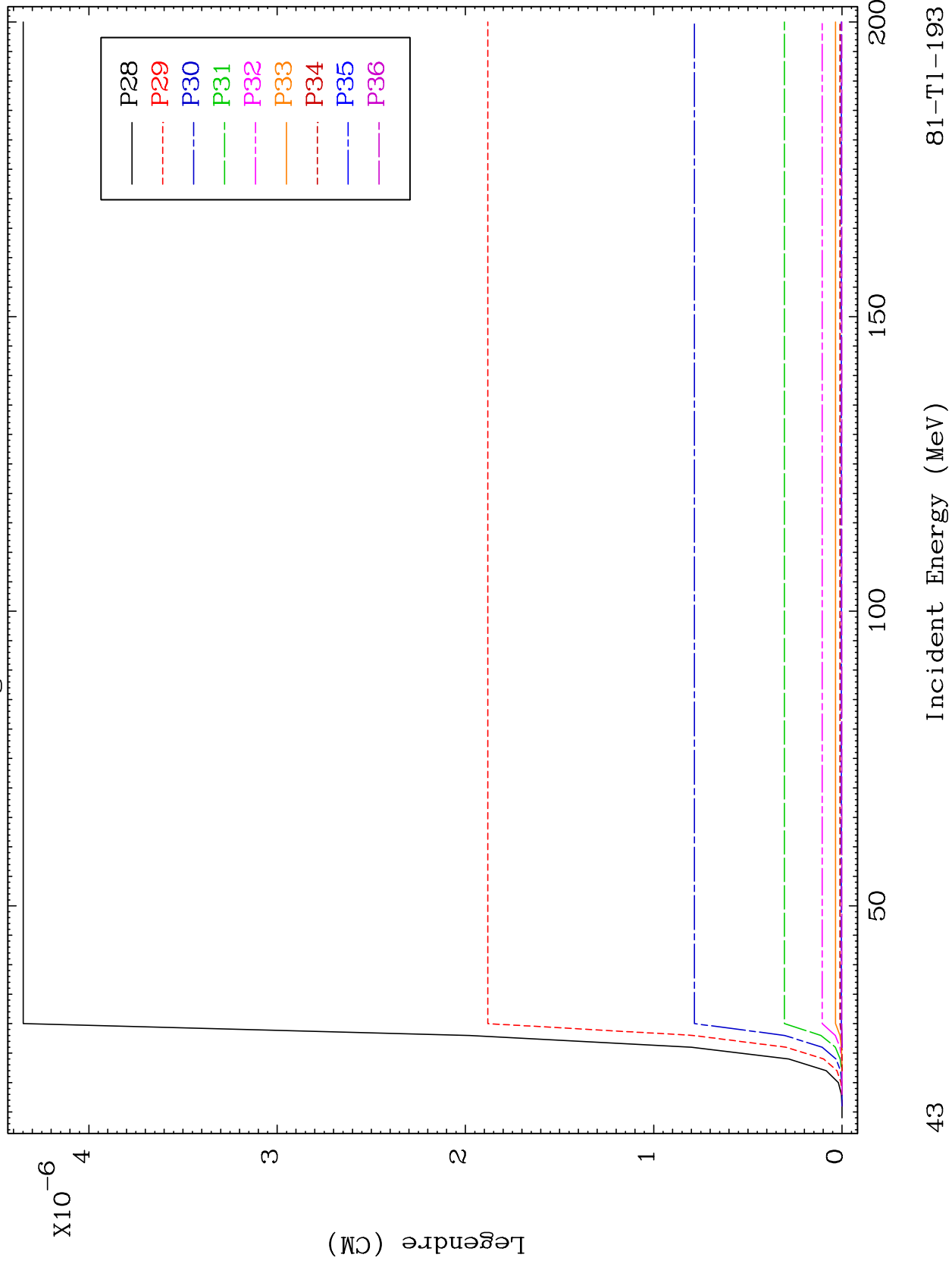
81-Tl-193



MAT 8095

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

81-Tl-193

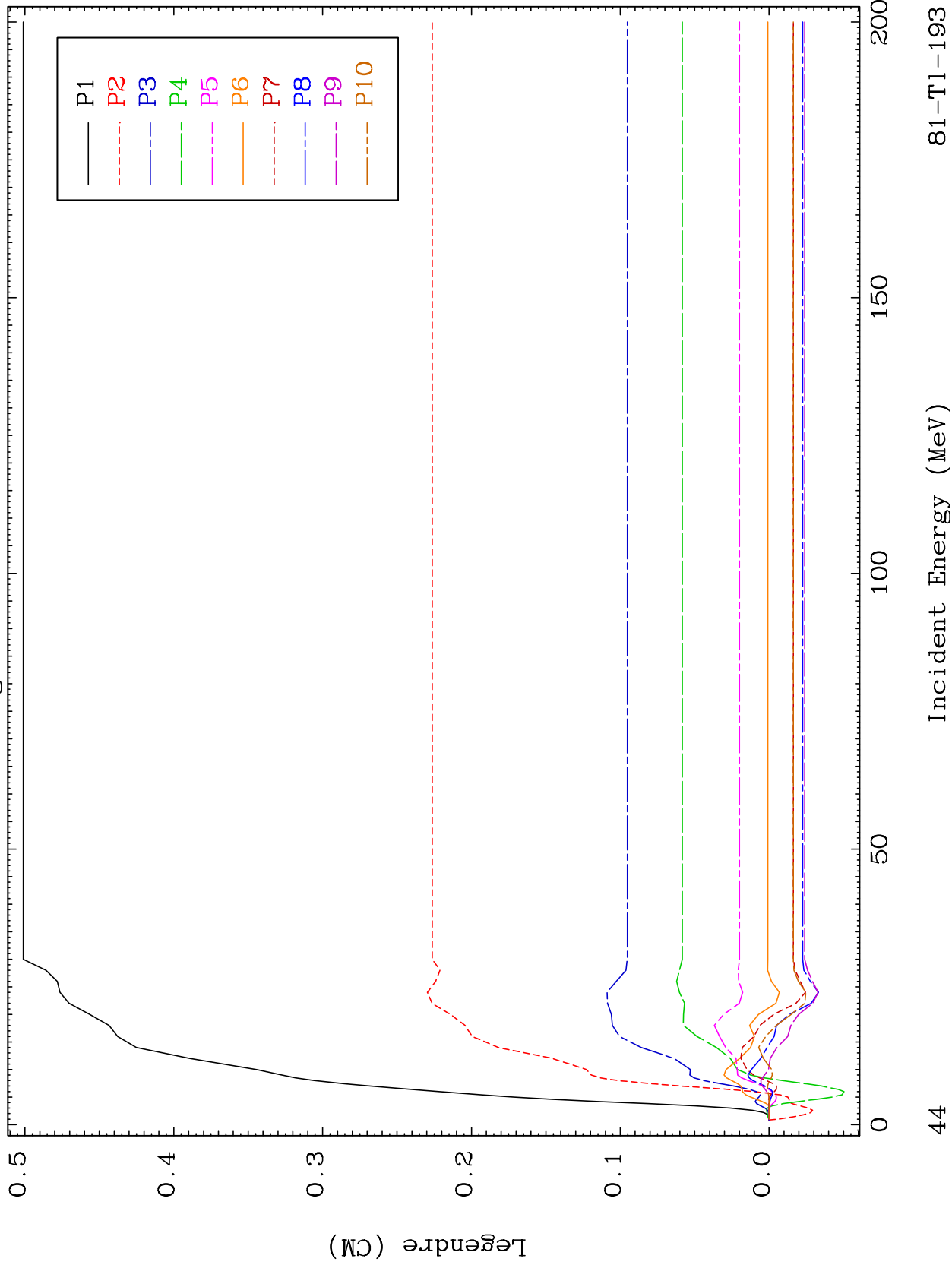


MAT 8095

MT= 57 (n,n') Level

81-Tl-193

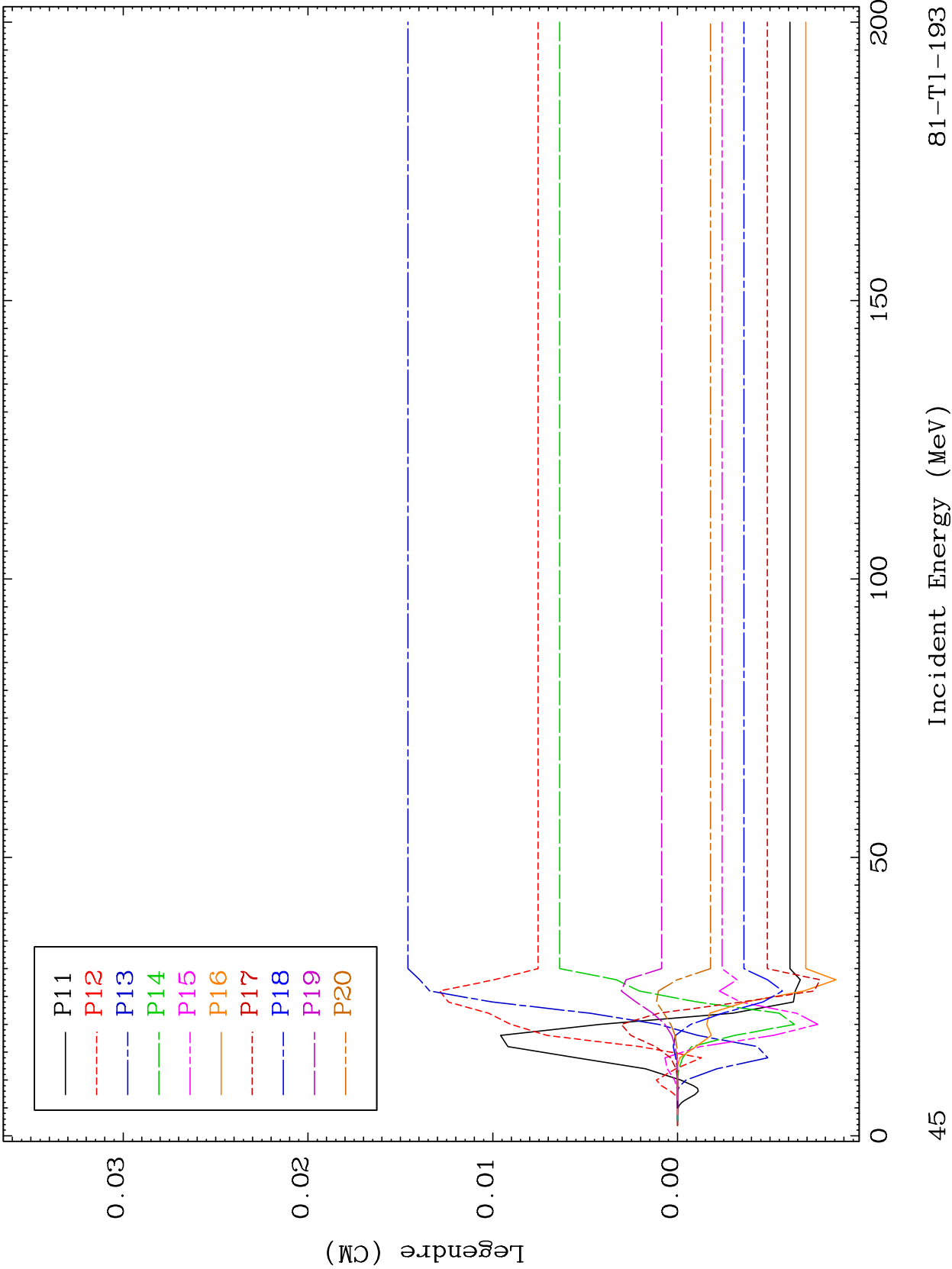
Legendre Coefficients



MAT 8095

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

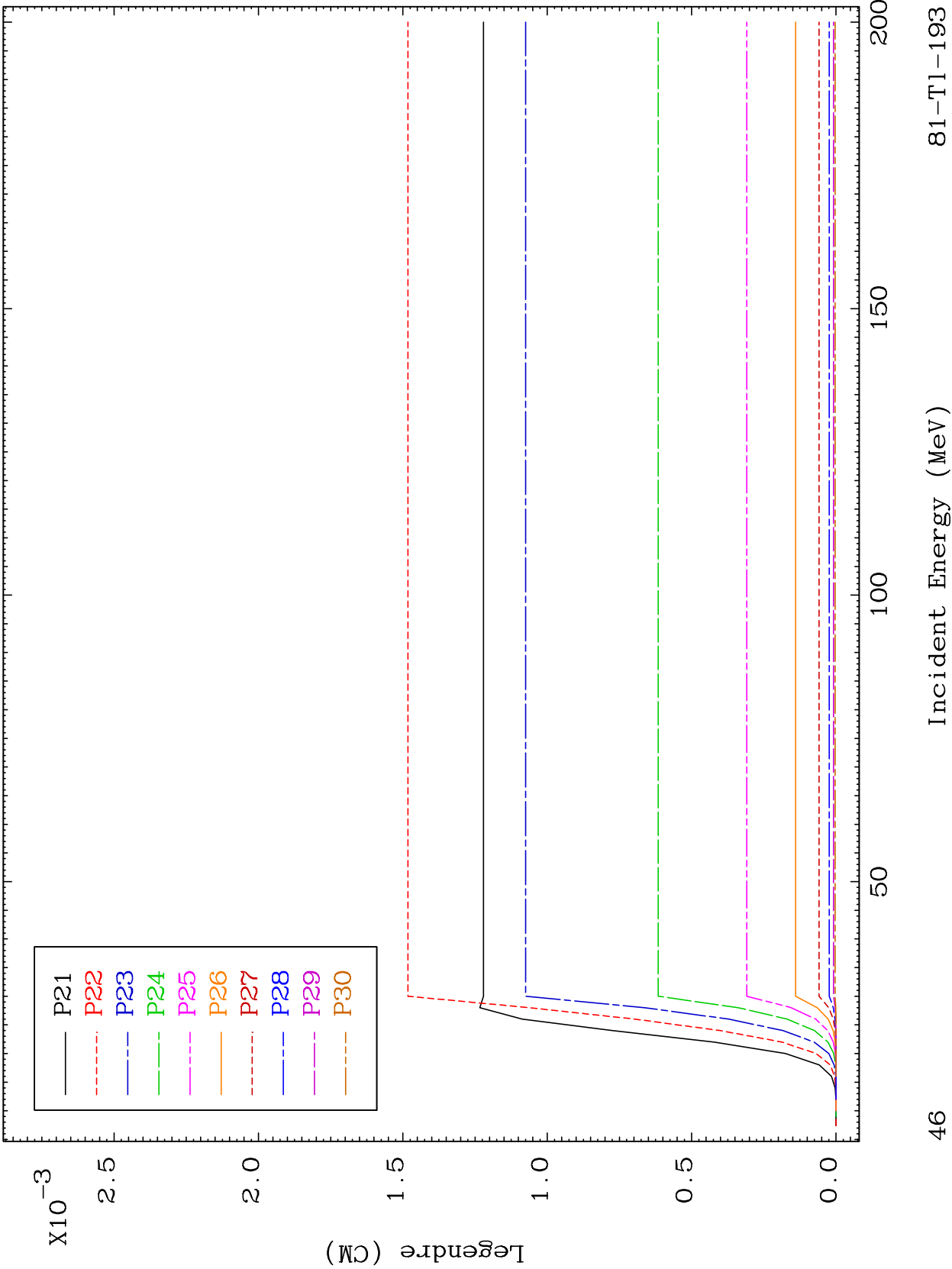
81-Tl-193



81-Tl-193

Incident Energy (MeV)

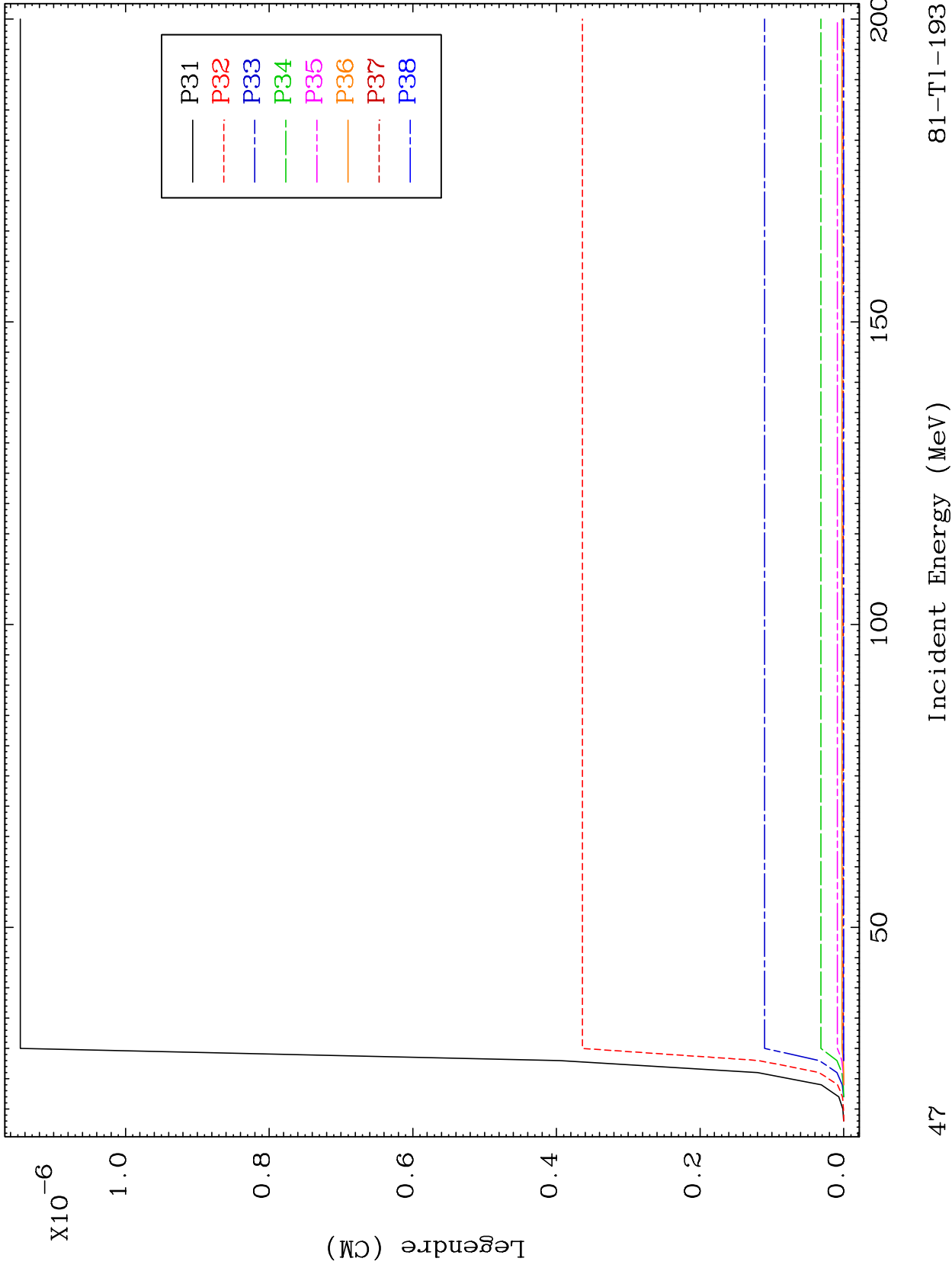
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MAT 8095

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

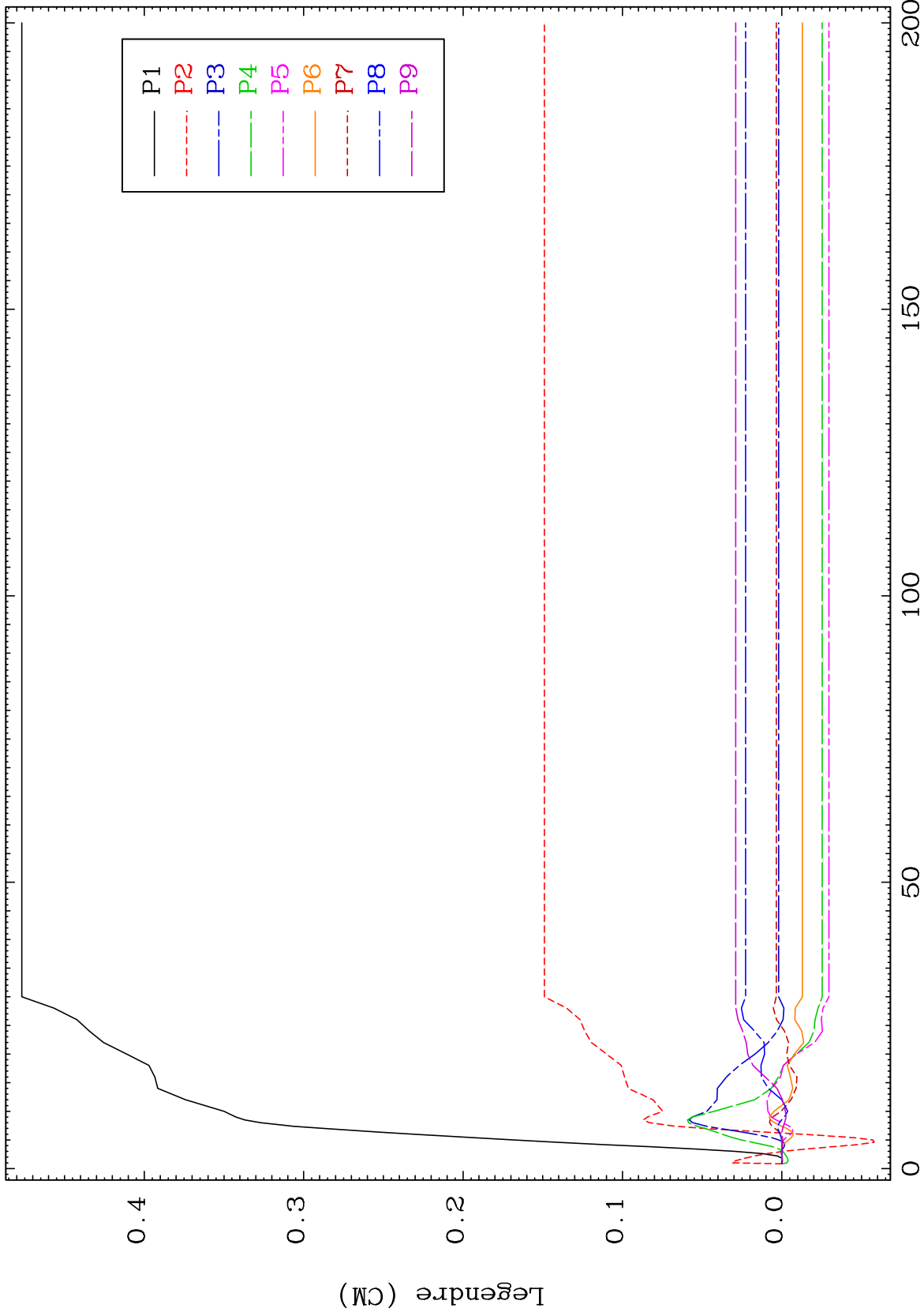
81-T1-193



MAT 8095

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

81-Tl-193



48

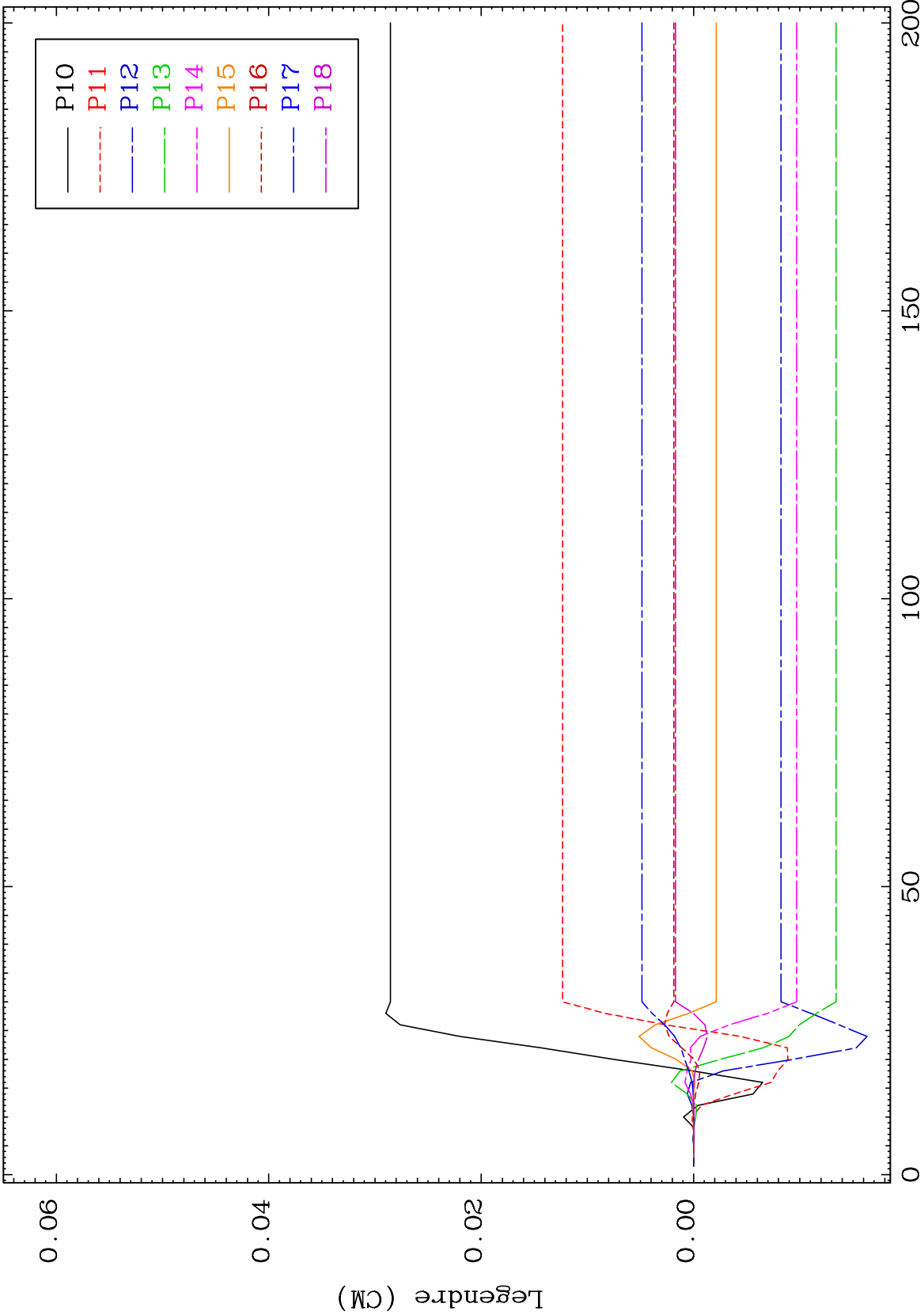
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



49

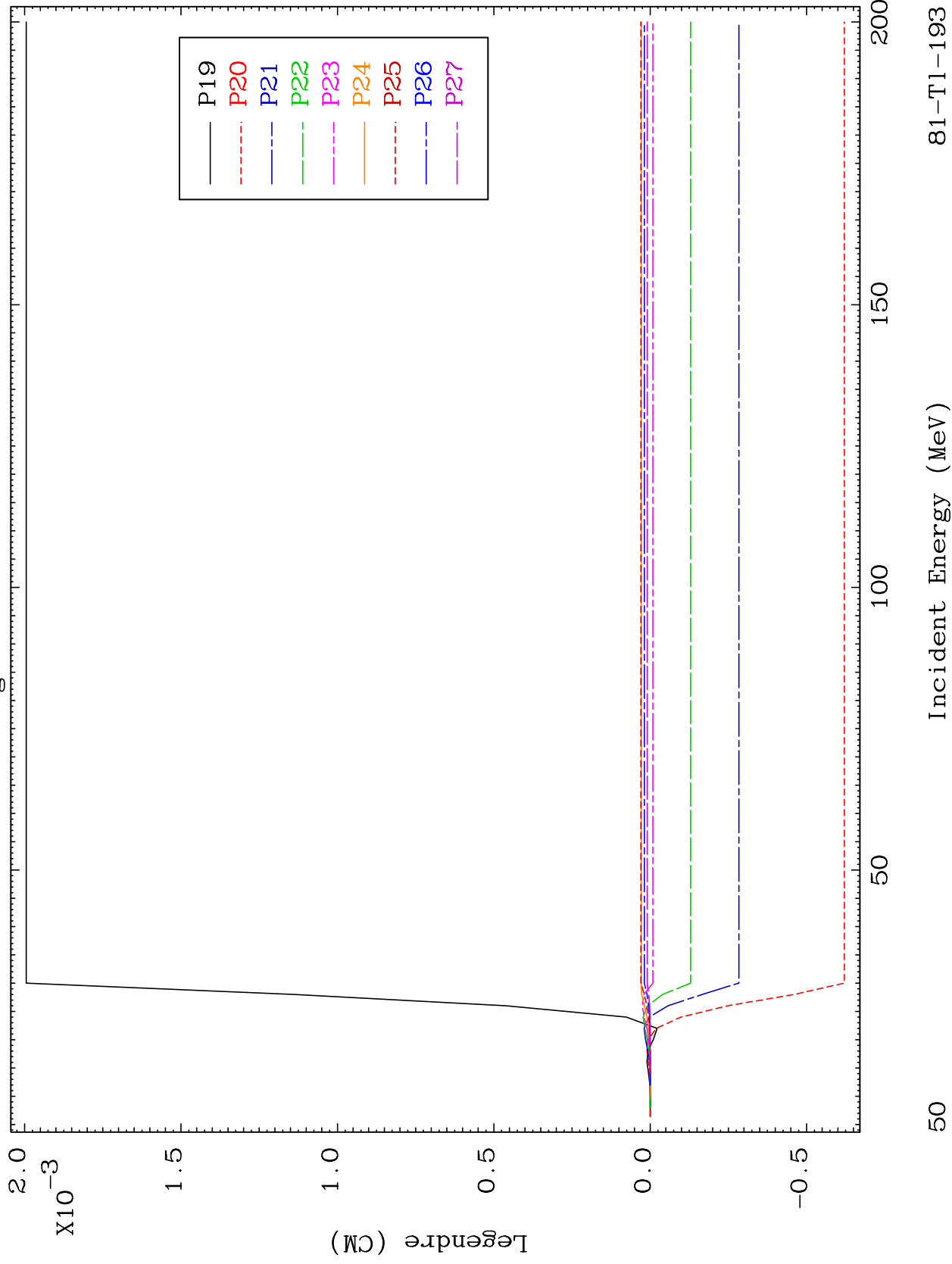
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



81-Tl-193

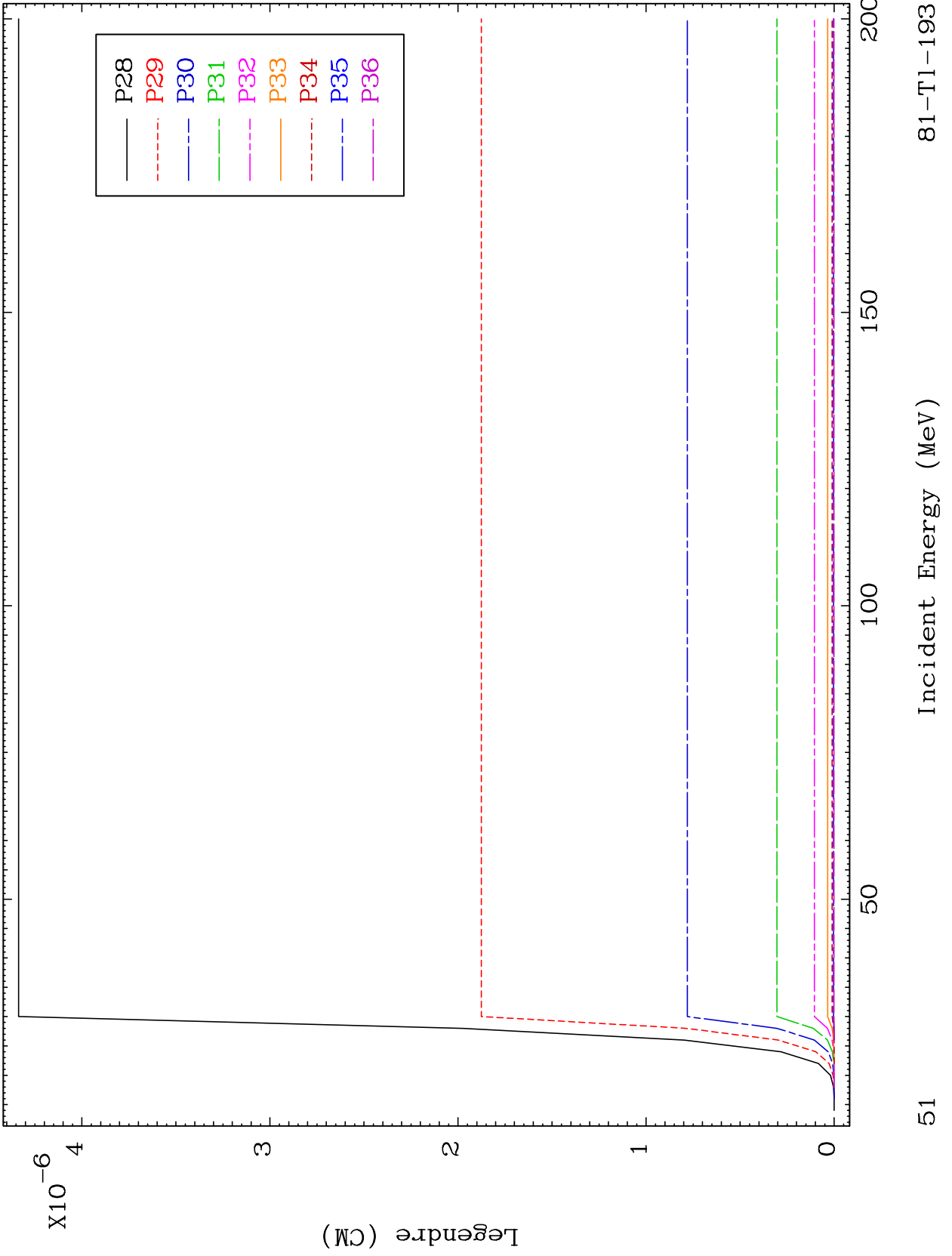
Incident Energy (MeV)

50

MAT 8095

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

81-Tl-193



51

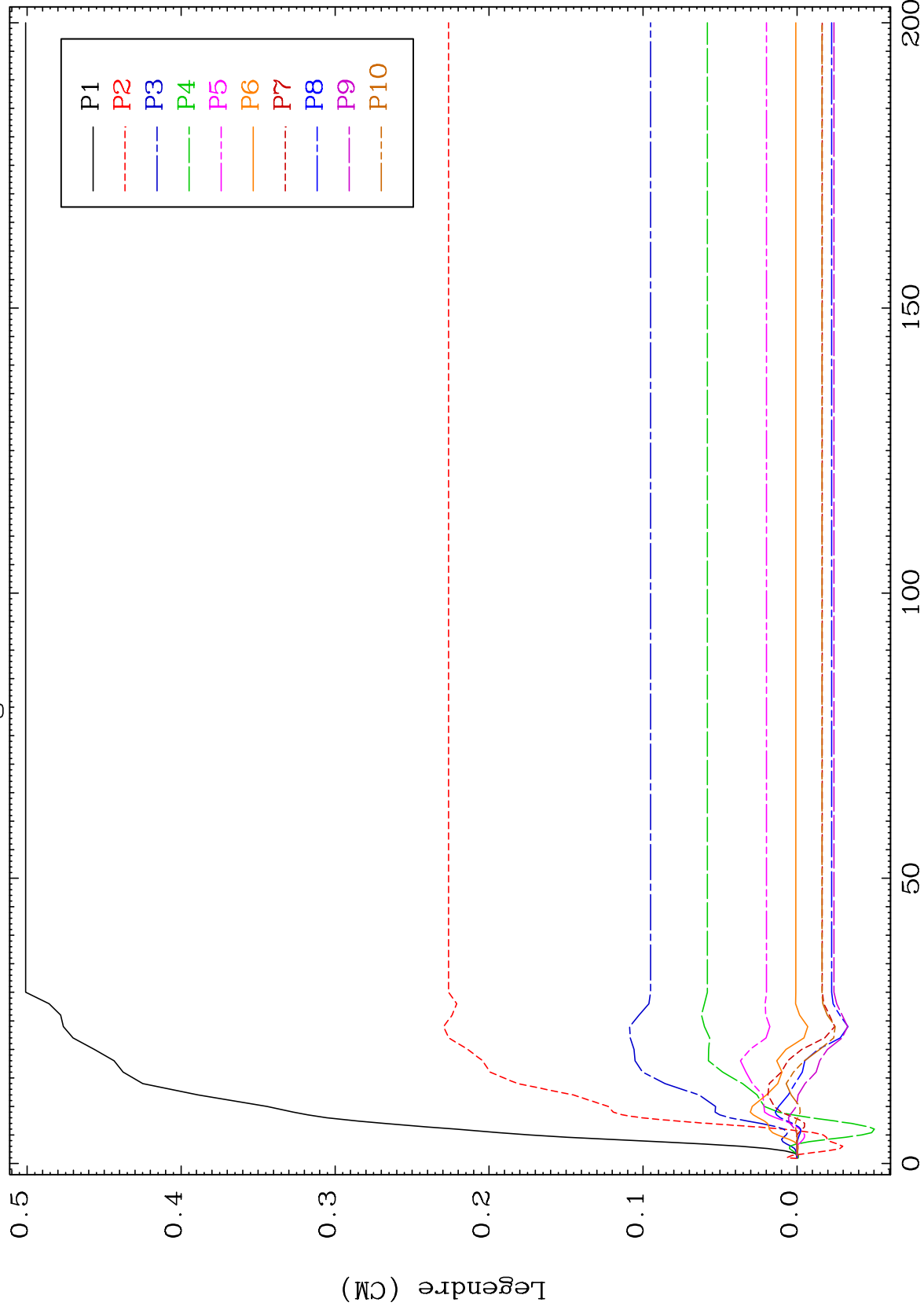
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



52

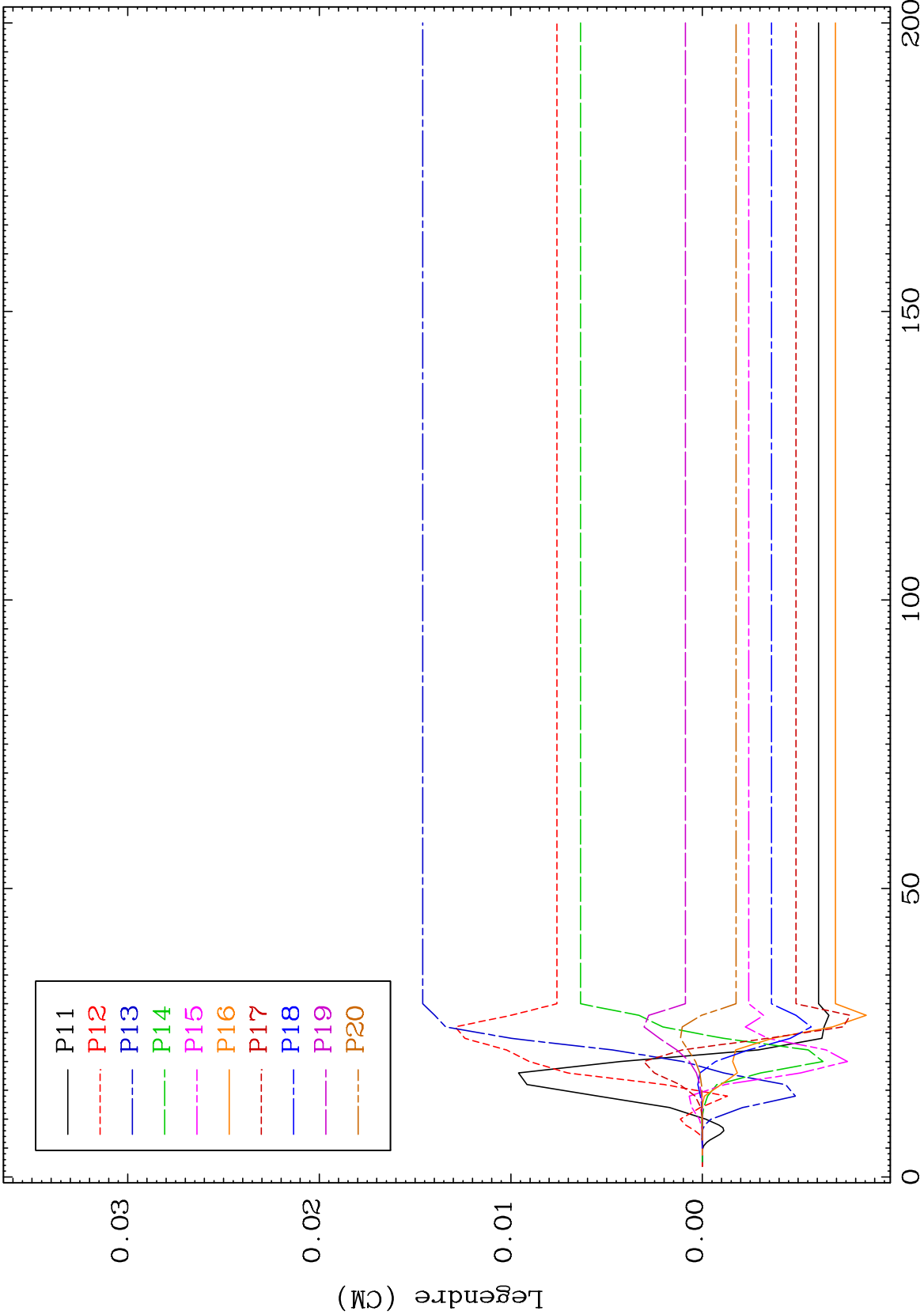
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

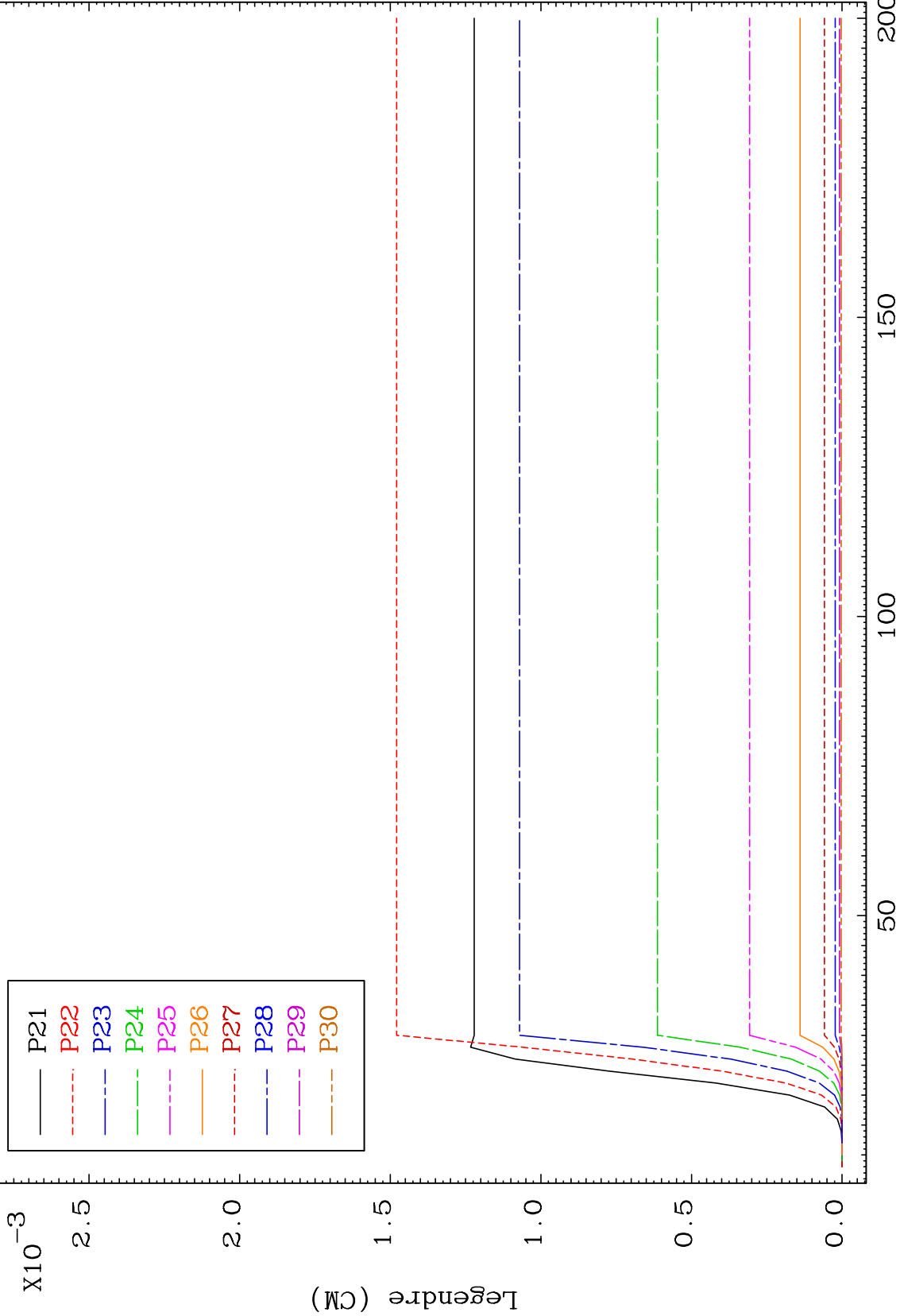
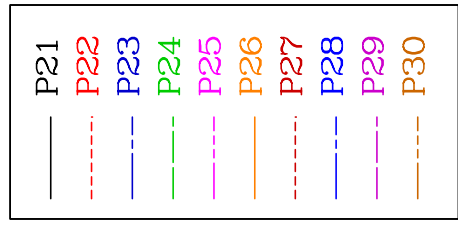
81-T1-193



53

Incident Energy (MeV)

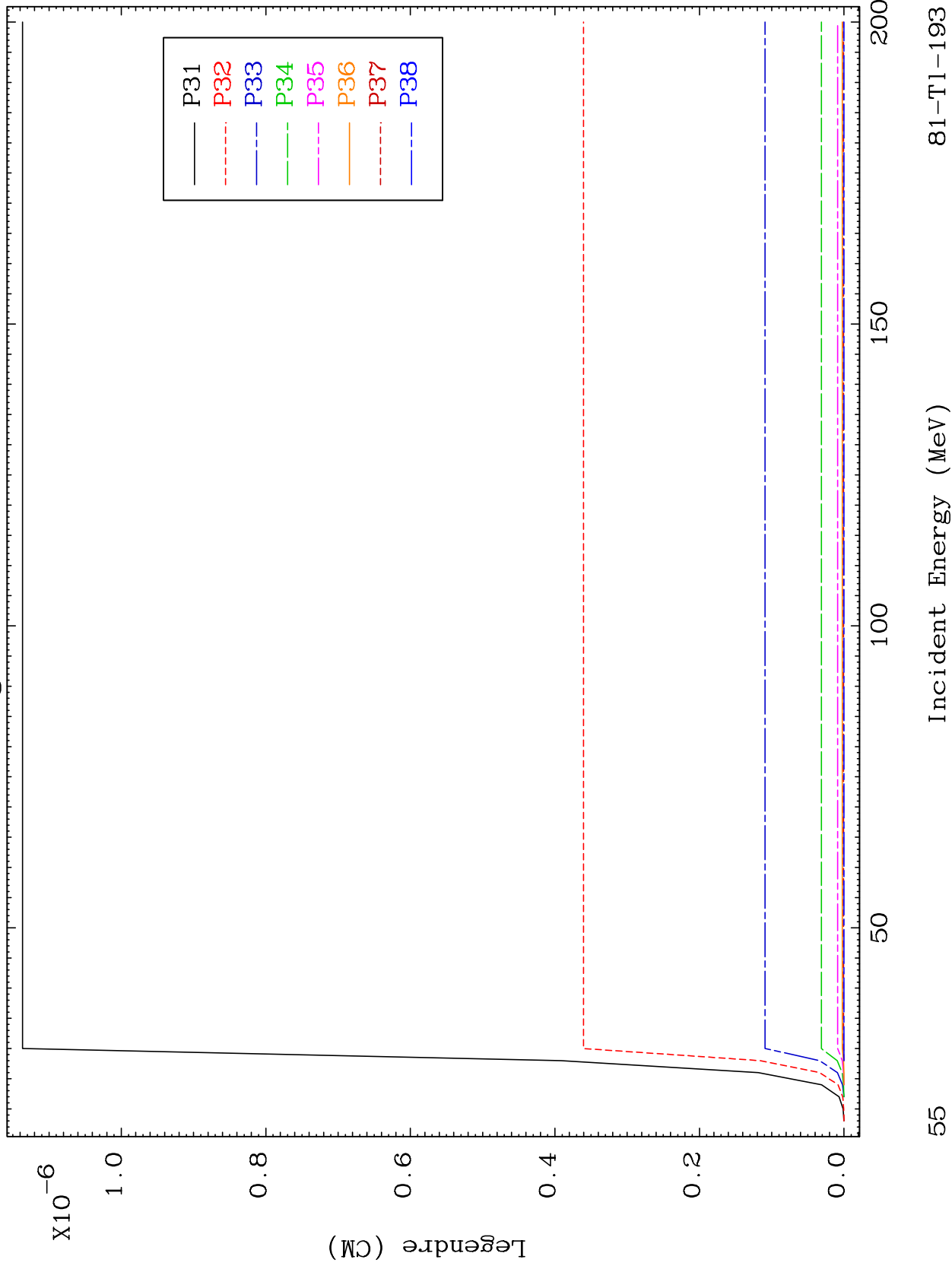
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MAT 8095

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

81-Tl-193



55

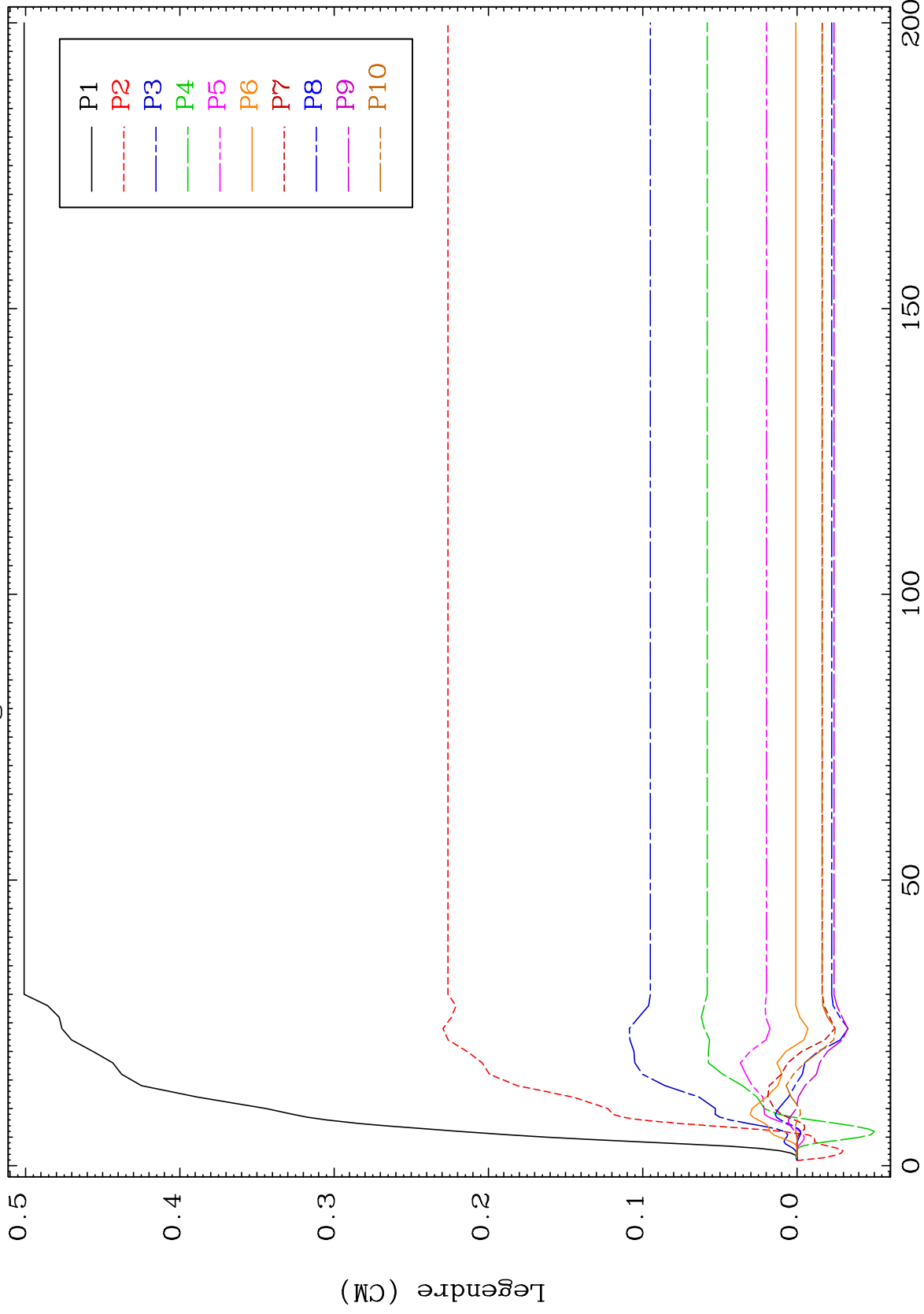
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



56

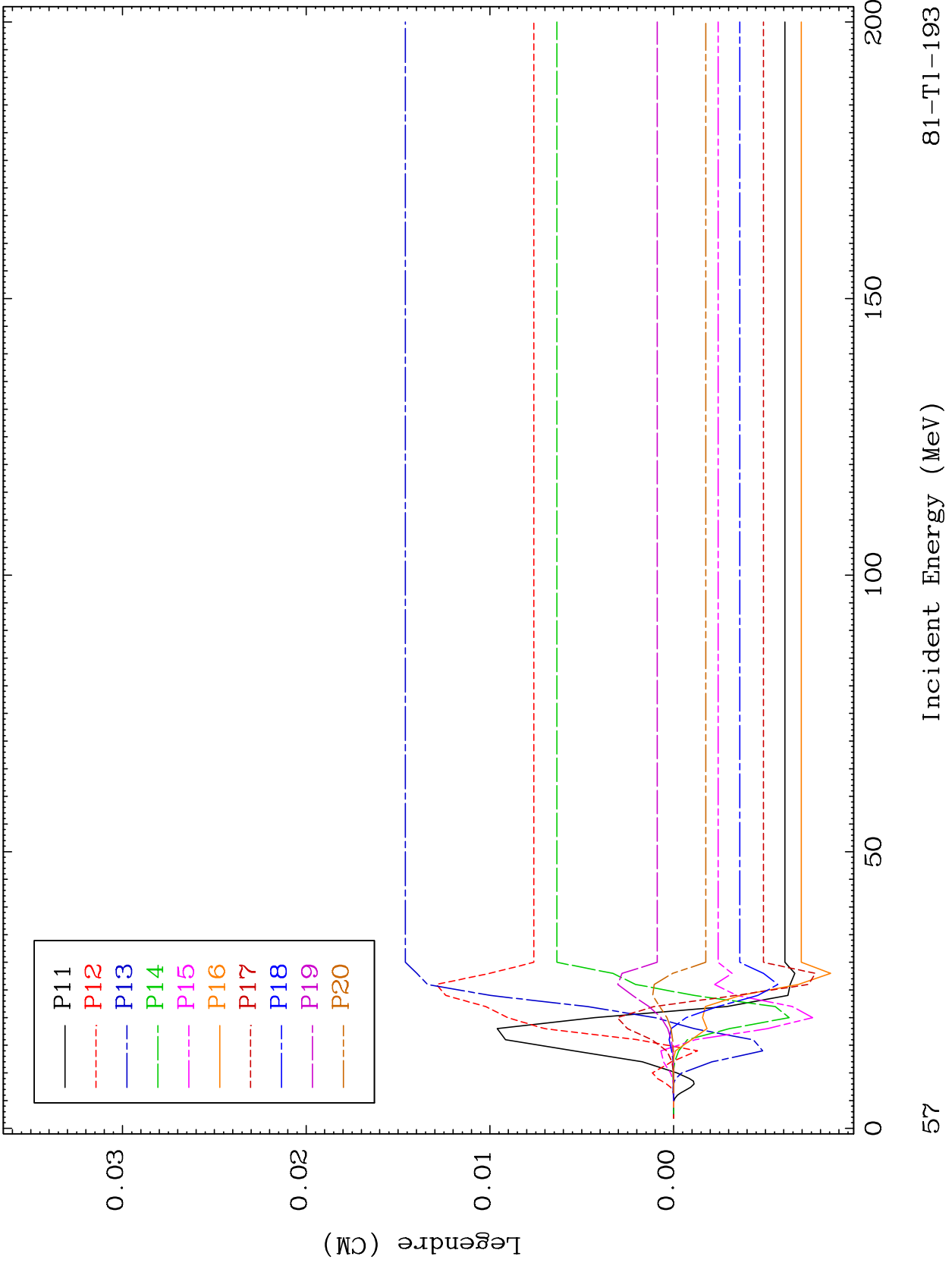
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

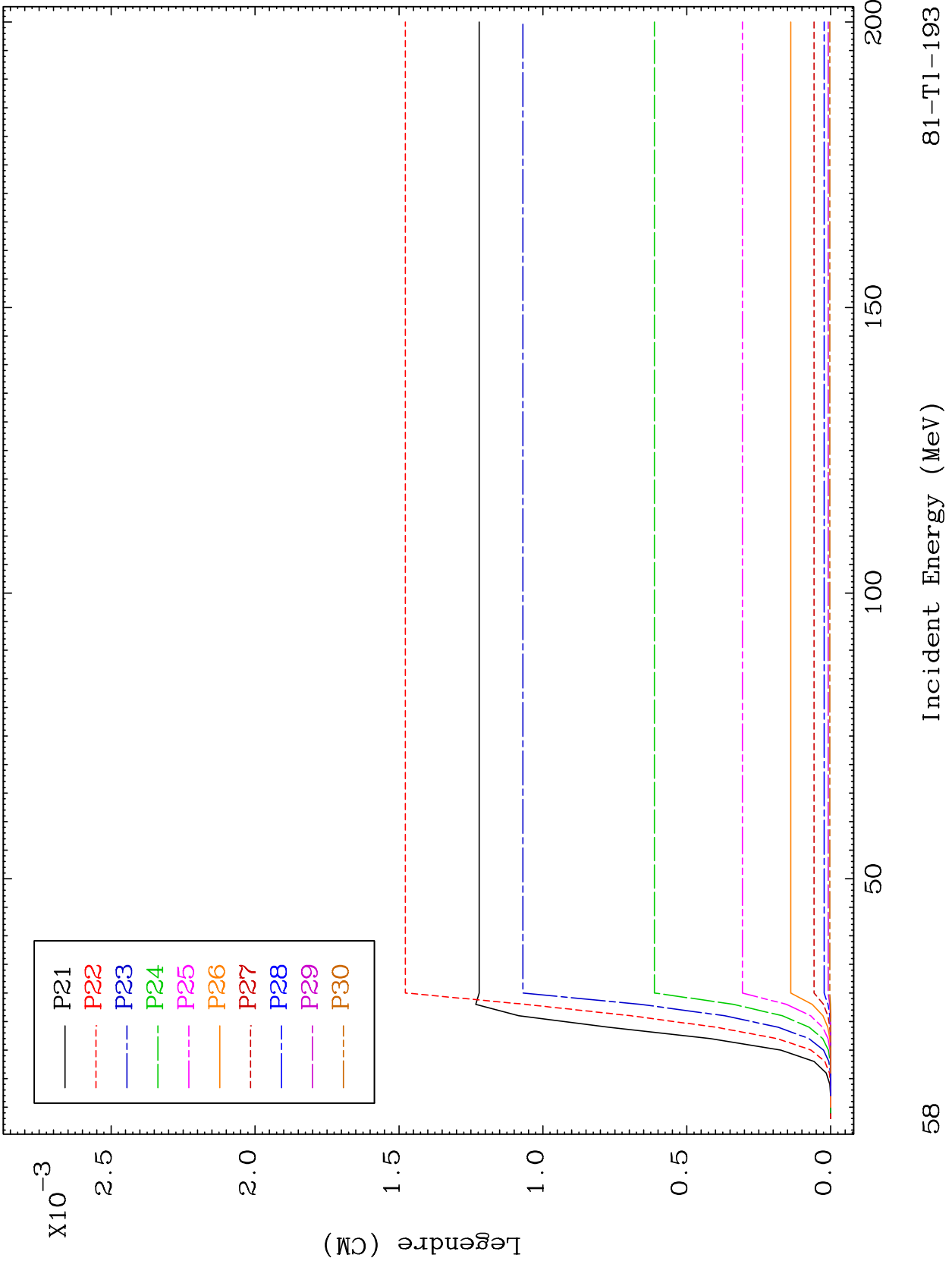
81-Tl-193



57

Incident Energy (MeV)

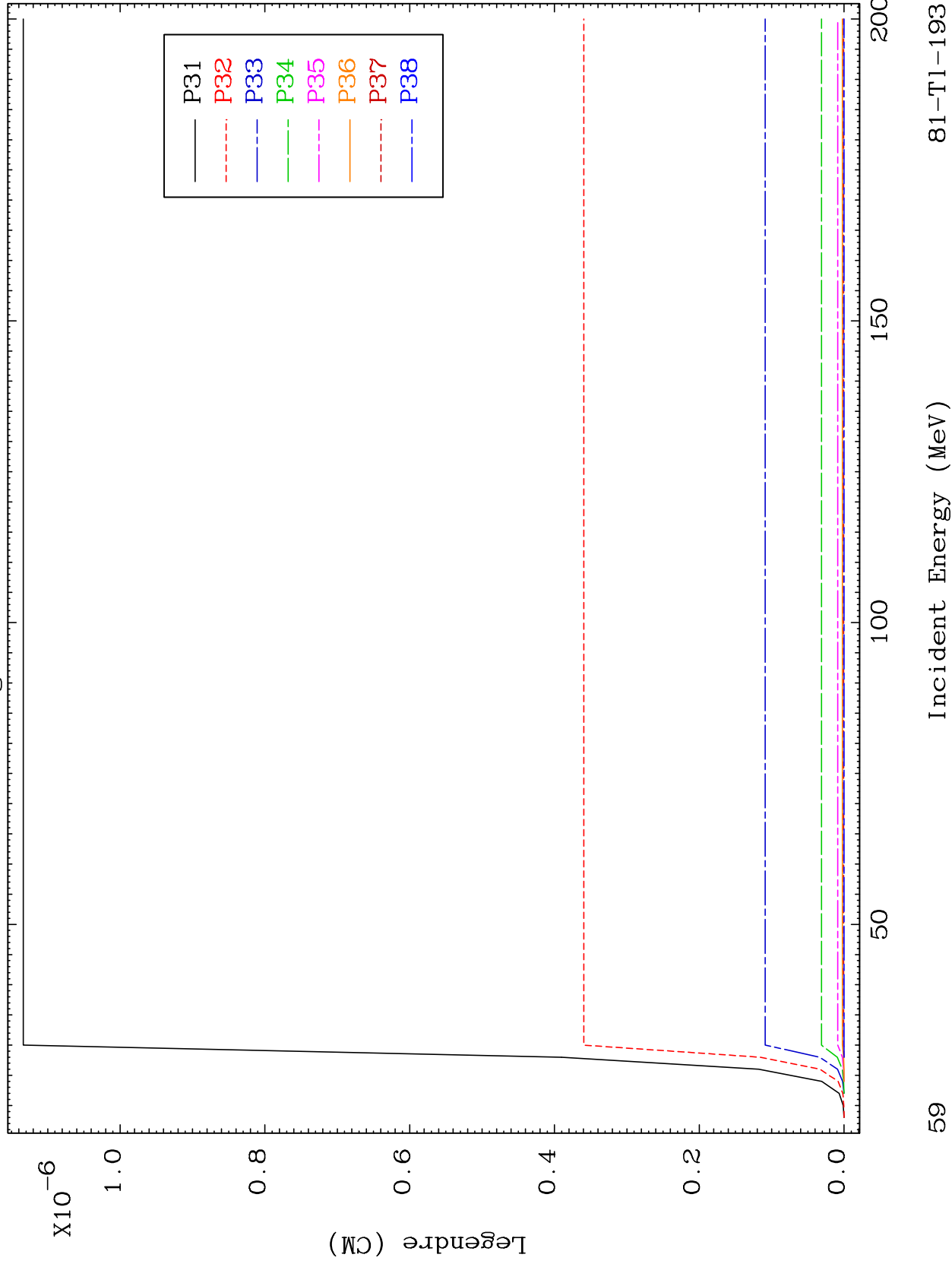
81-Tl-193



MAT 8095

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

81-Tl-193



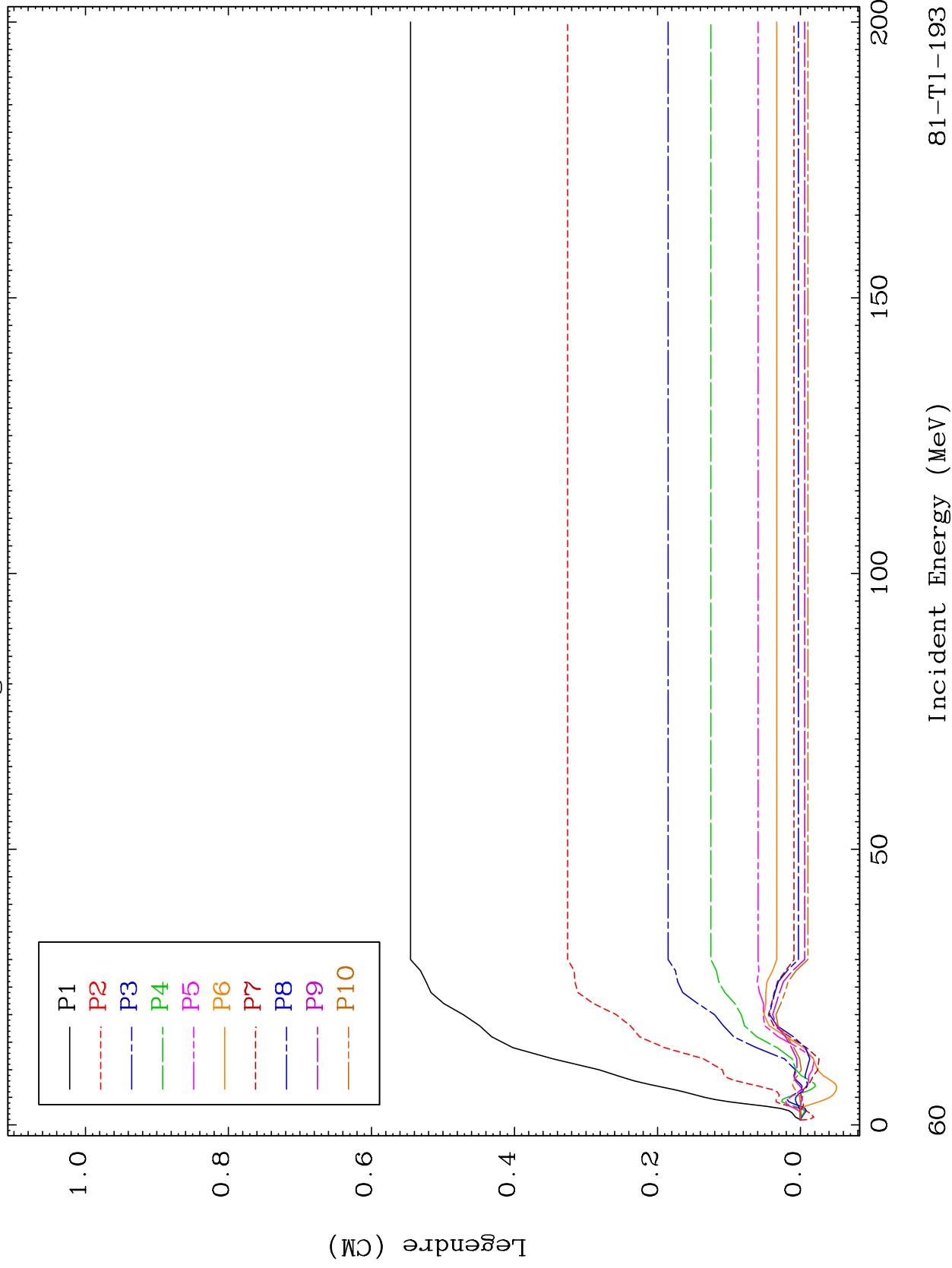
59

81-Tl-193

MAT 8095

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

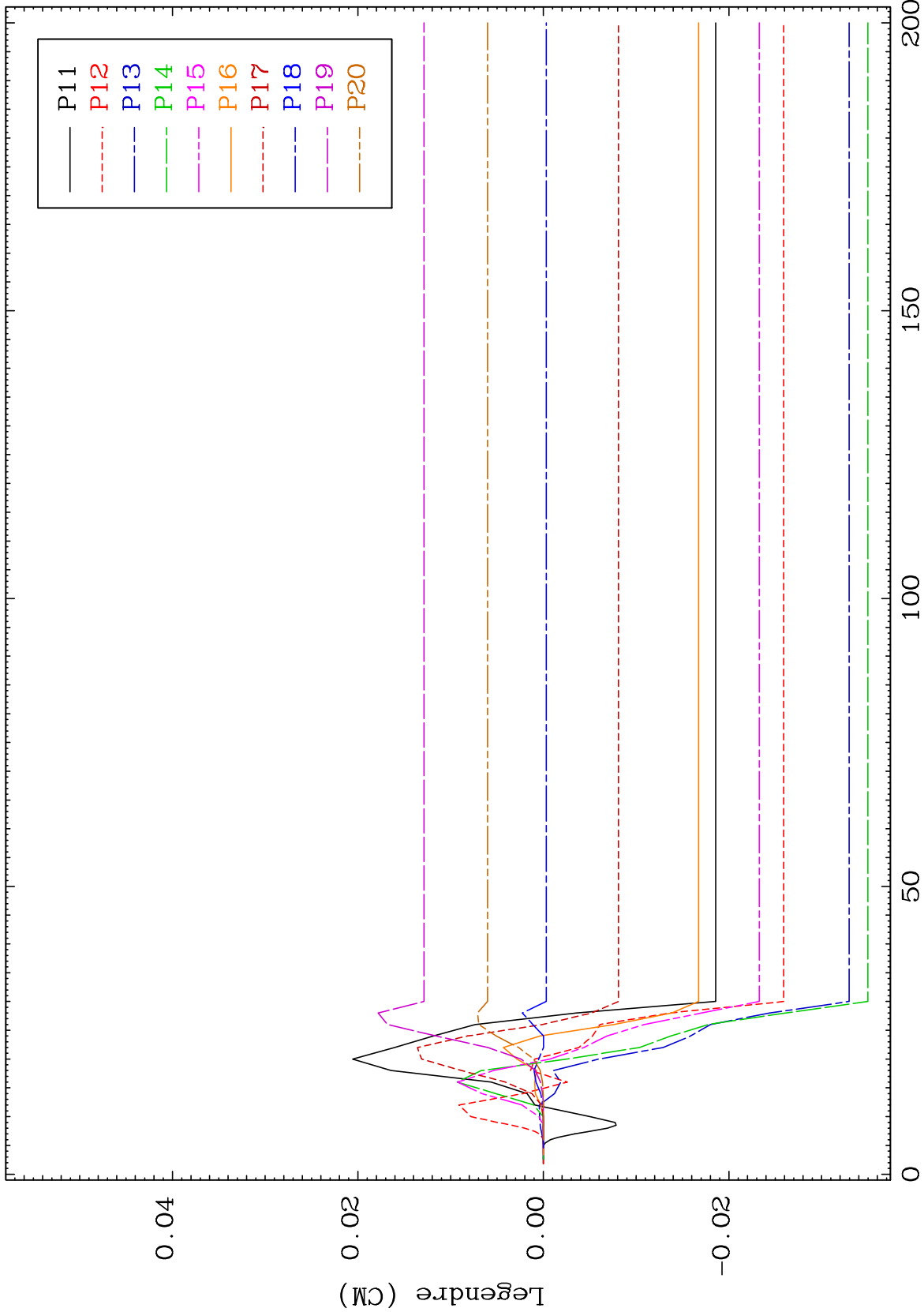
81-T1-193



MAT 8095

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

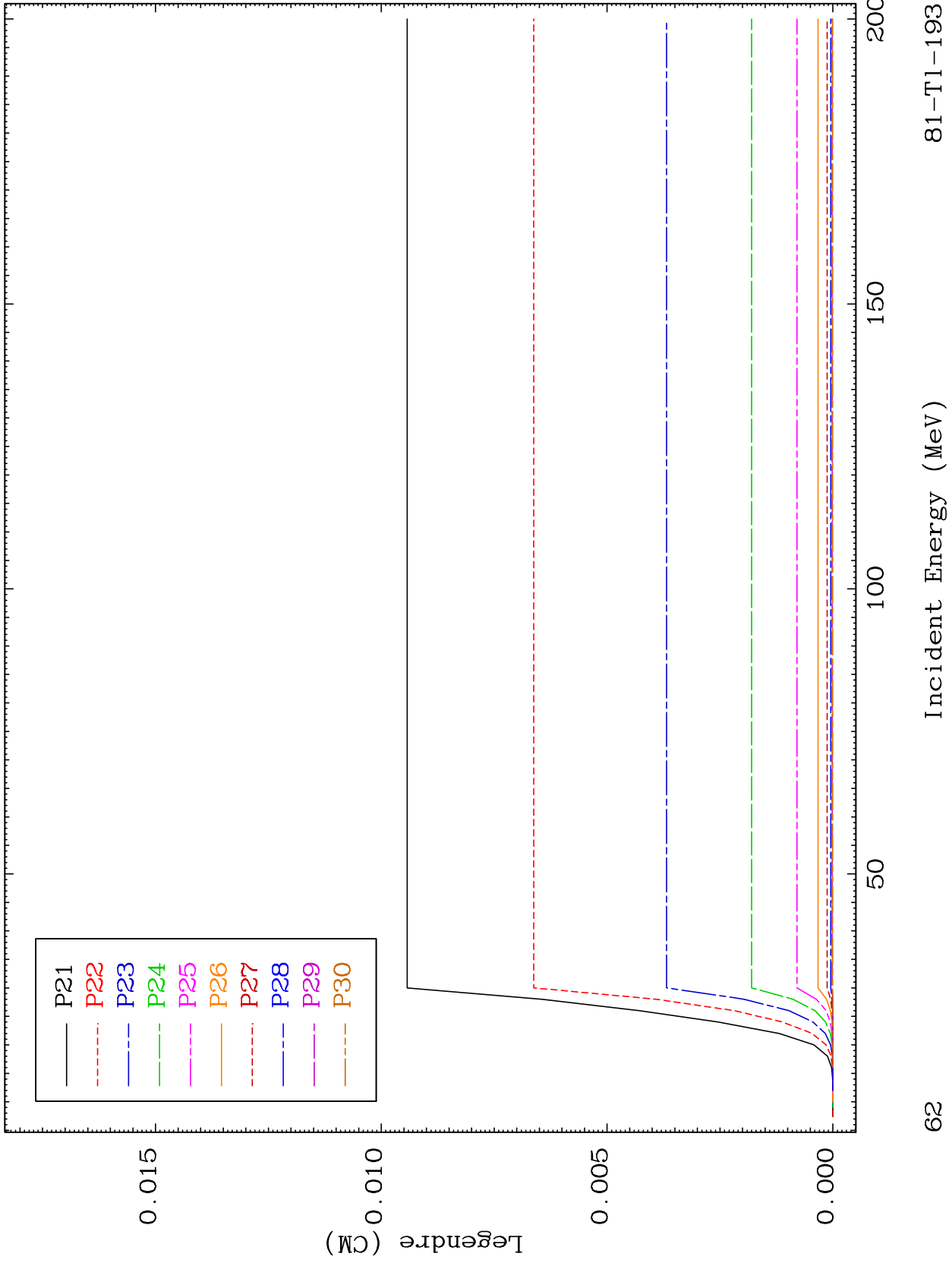
81-T1-193



61

Incident Energy (MeV)

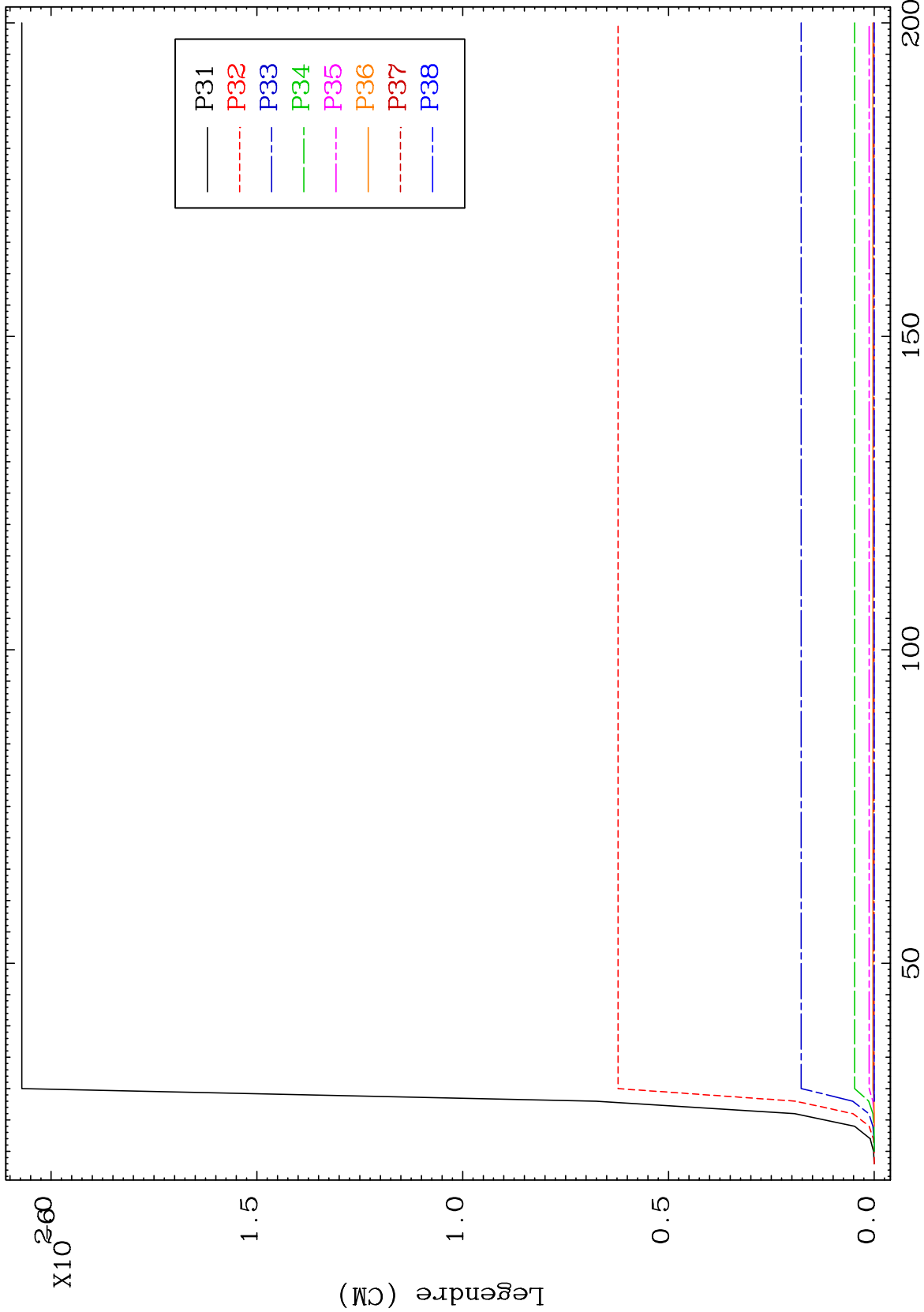
81-T1-193



MAT 8095

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

81-T1-193



63

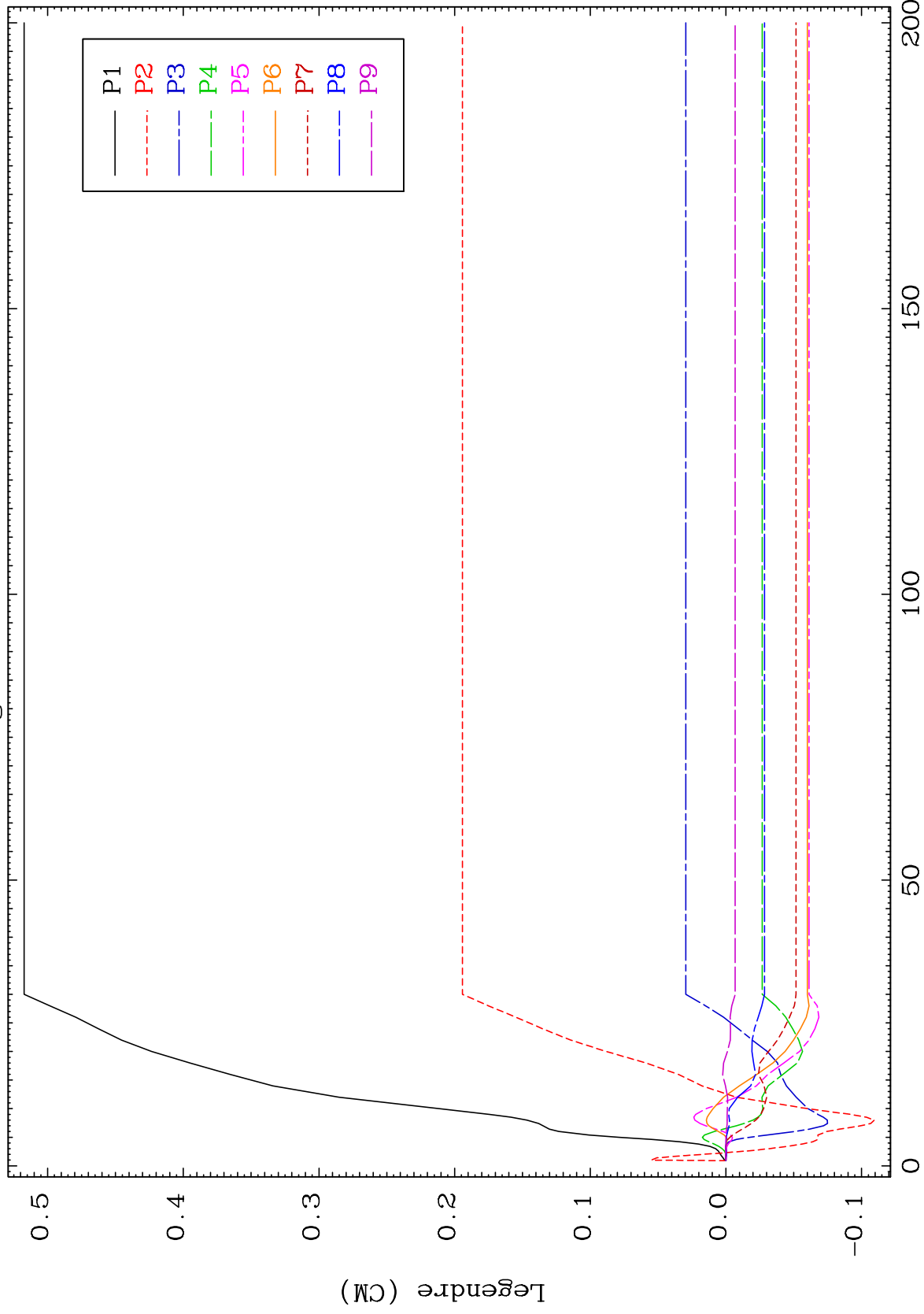
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-T1-193



64

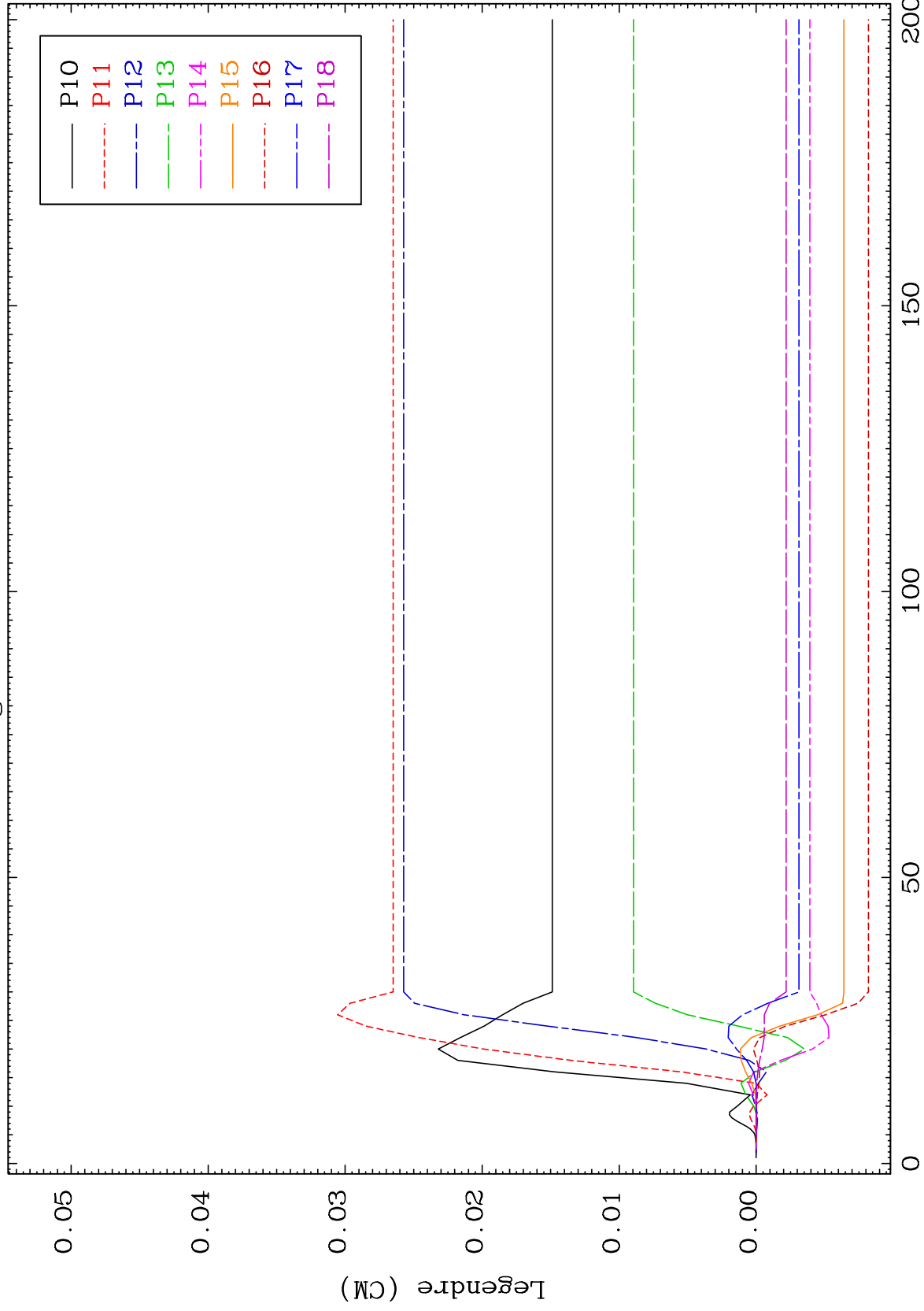
Incident Energy (MeV)

81-T1-193

MAT 8095

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

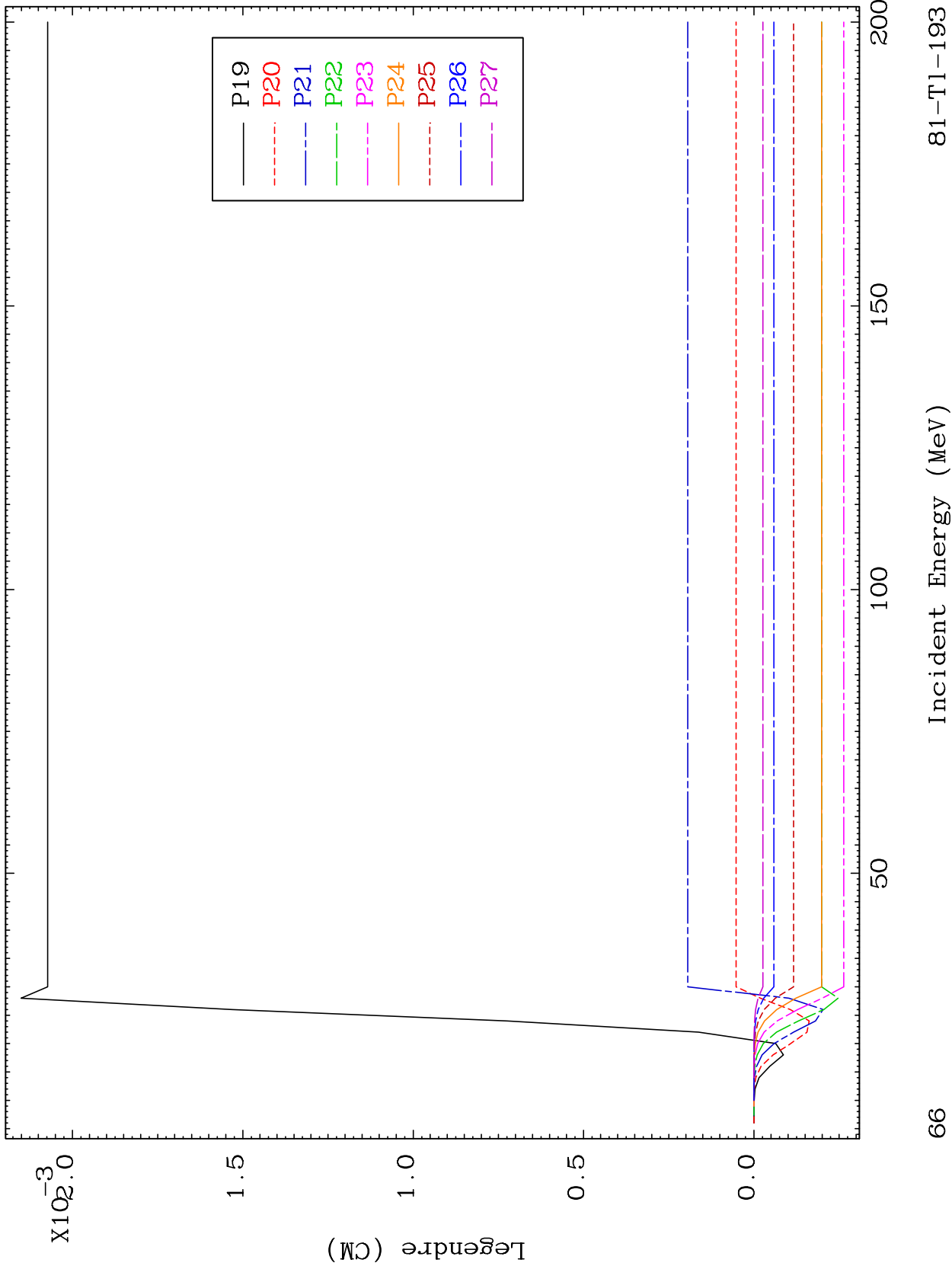
81-Tl-193

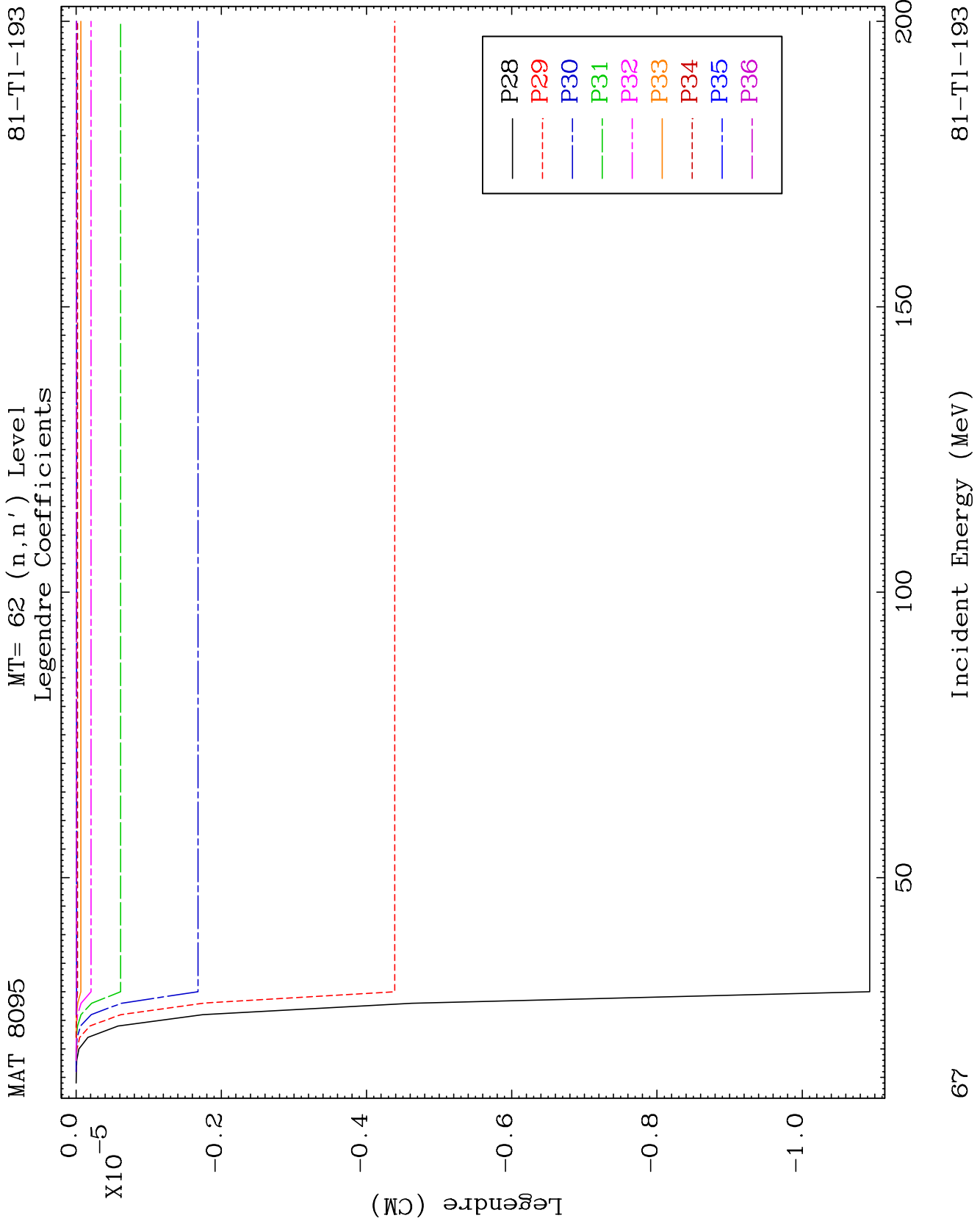


65

Incident Energy (MeV)

81-Tl-193

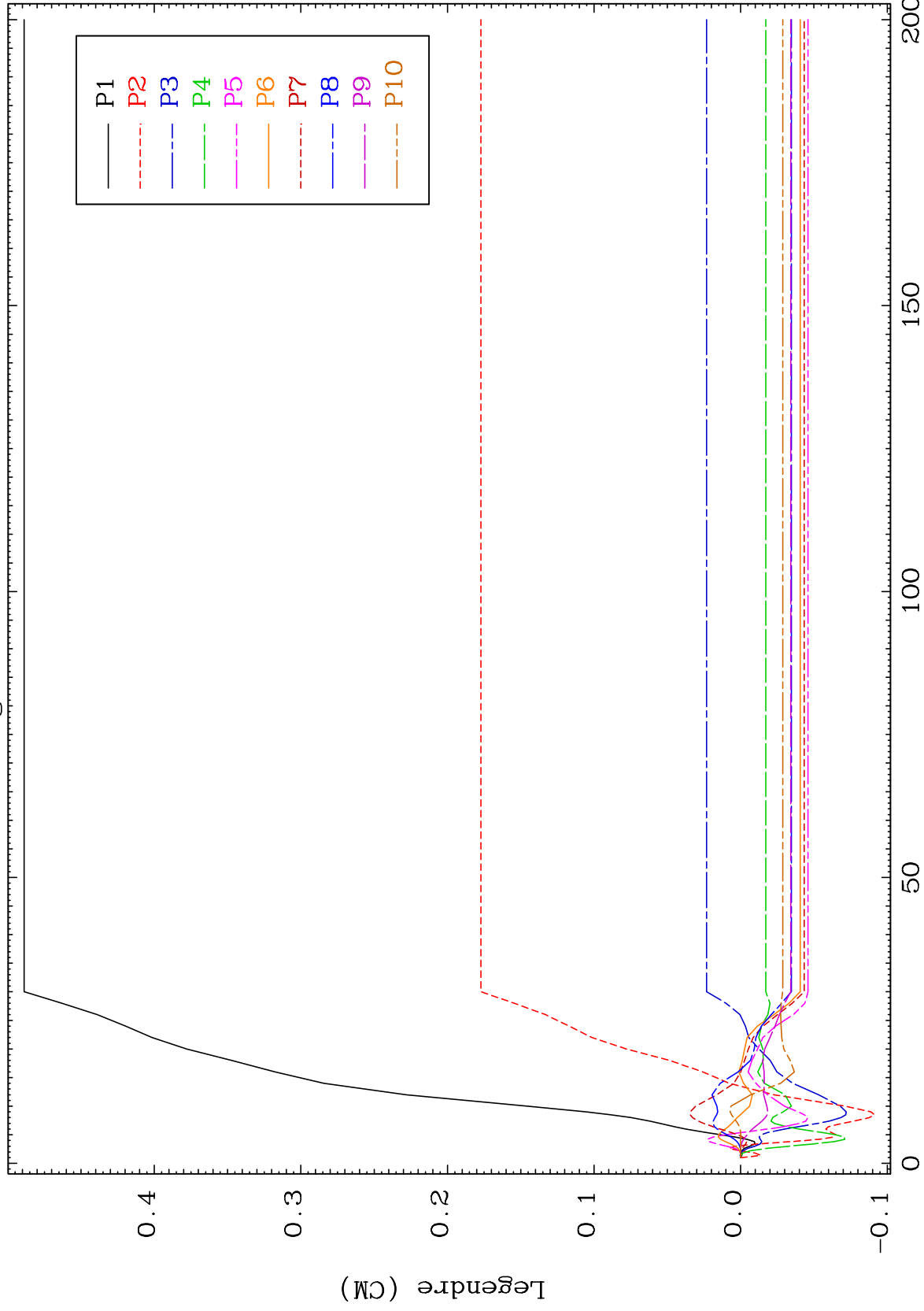




MAT 8095

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

81-Tl-193



68

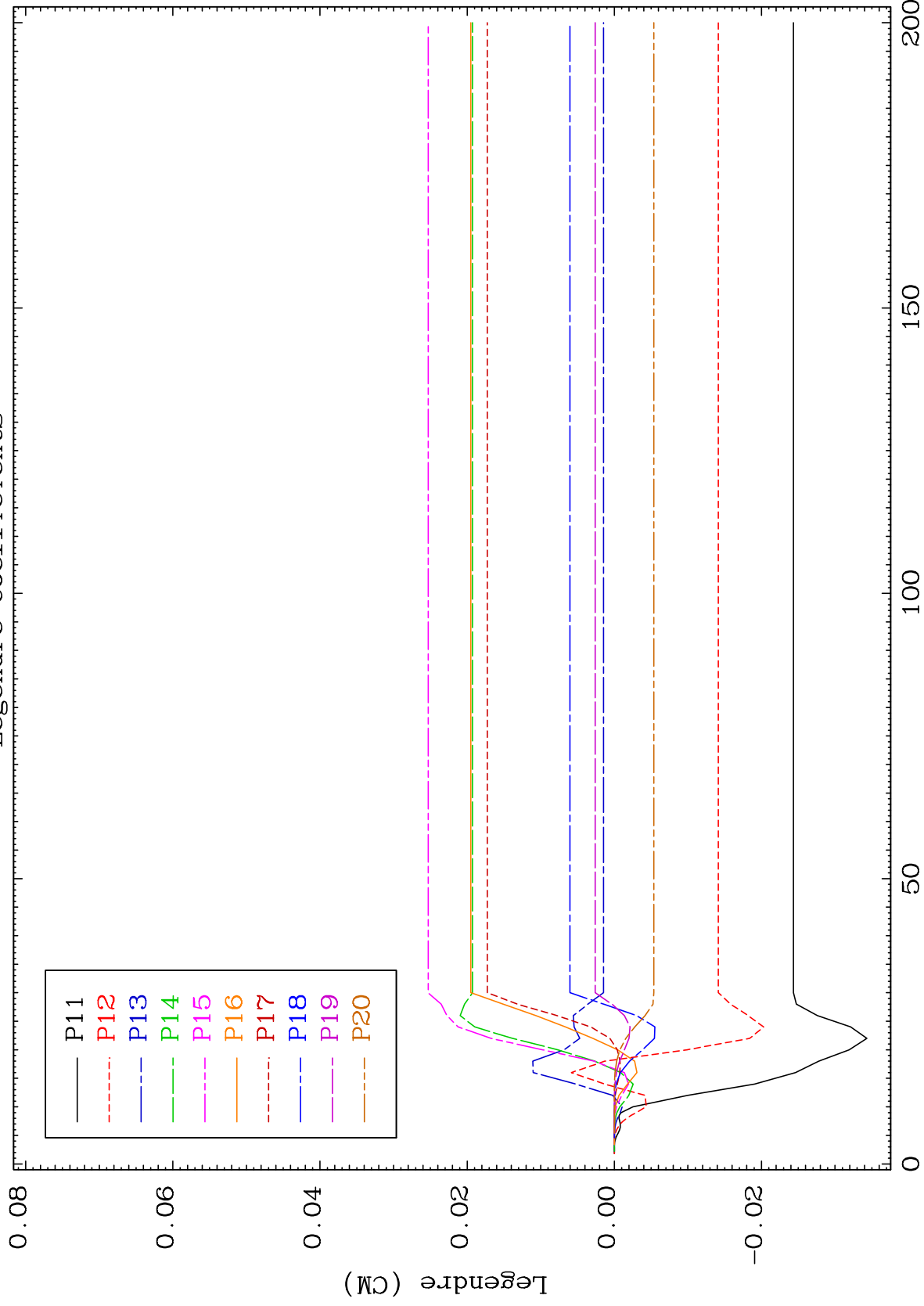
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



69

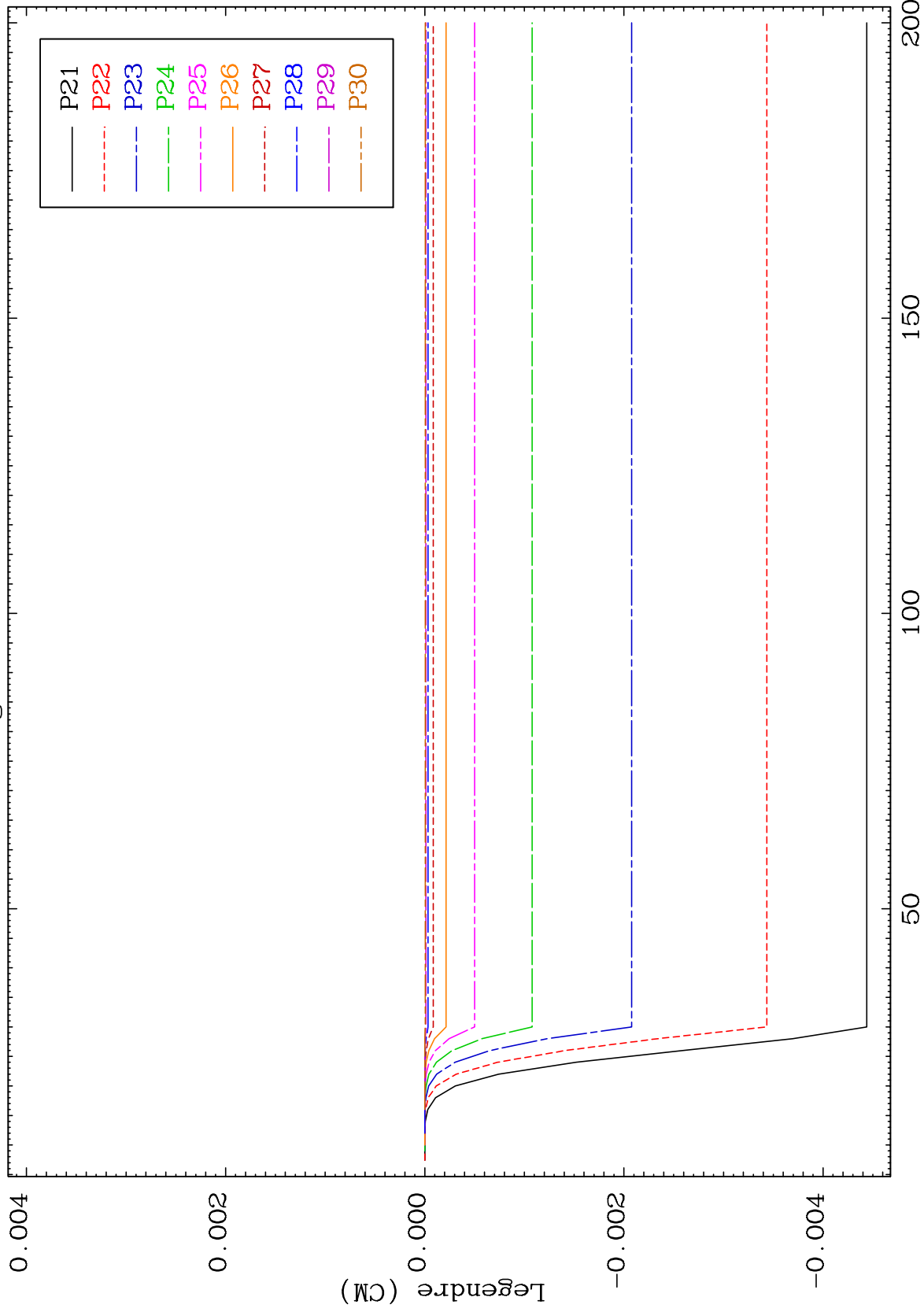
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

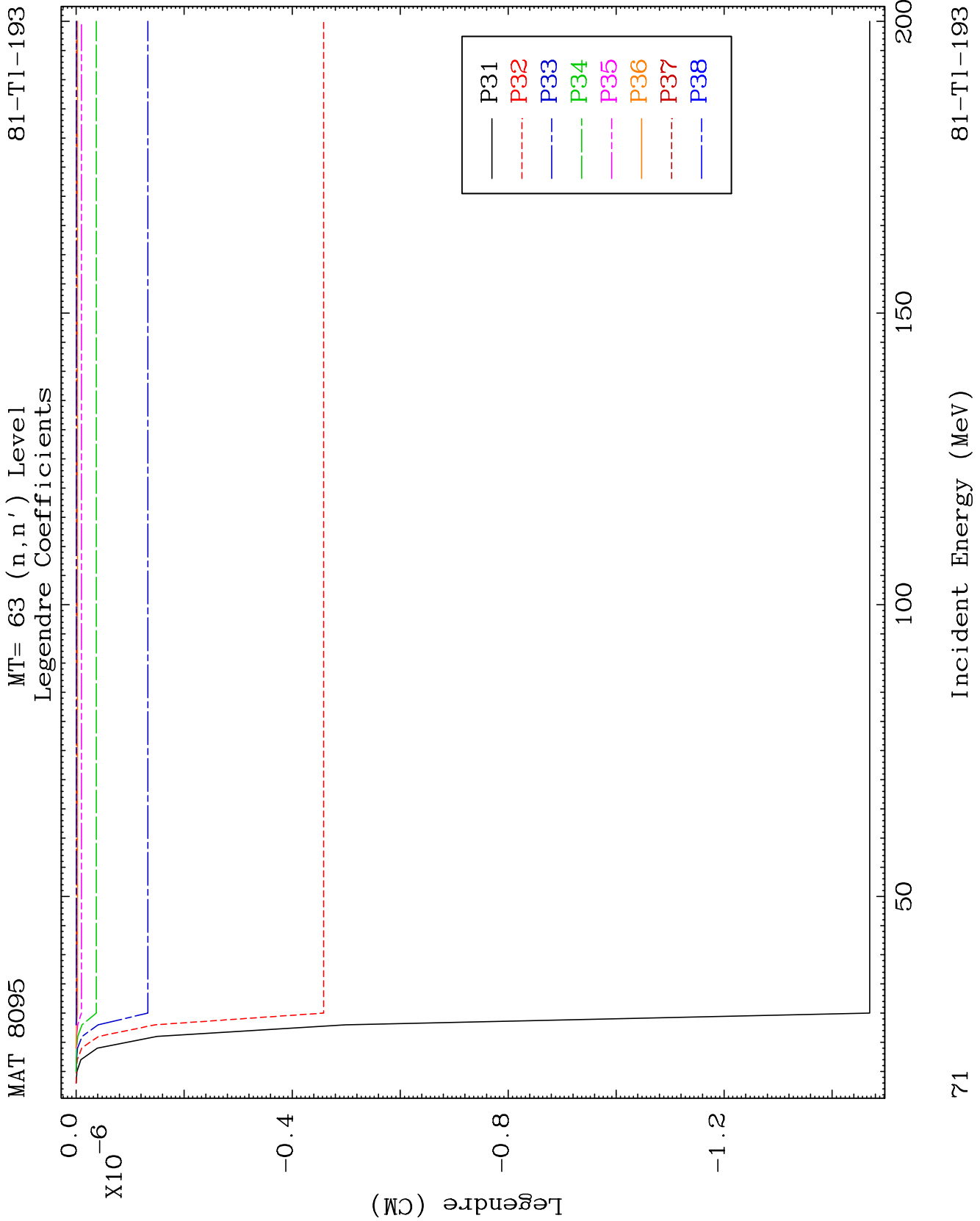
81-T1-193



70

Incident Energy (MeV)

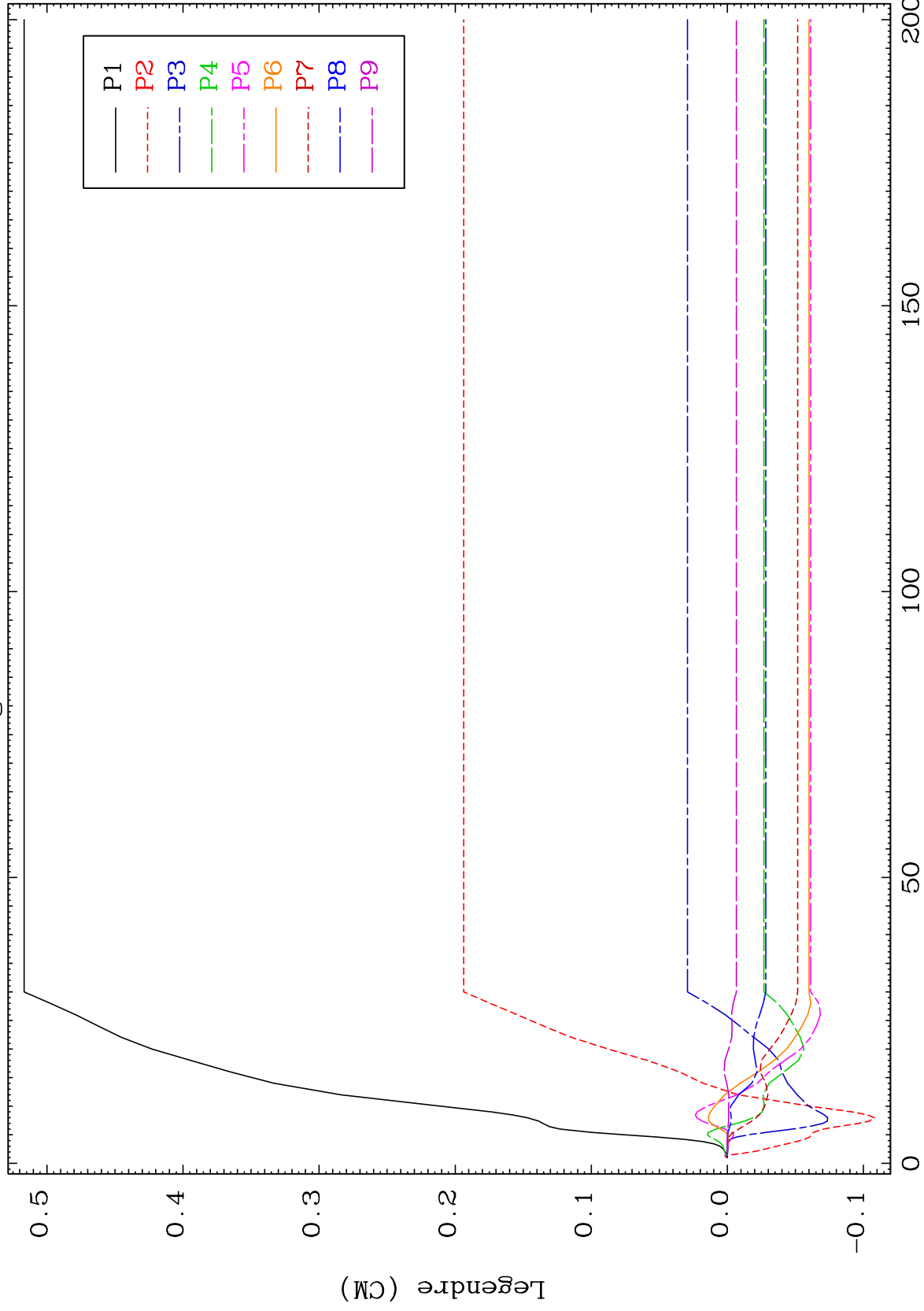
81-T1-193



MAT 8095

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

81-Tl-193



72

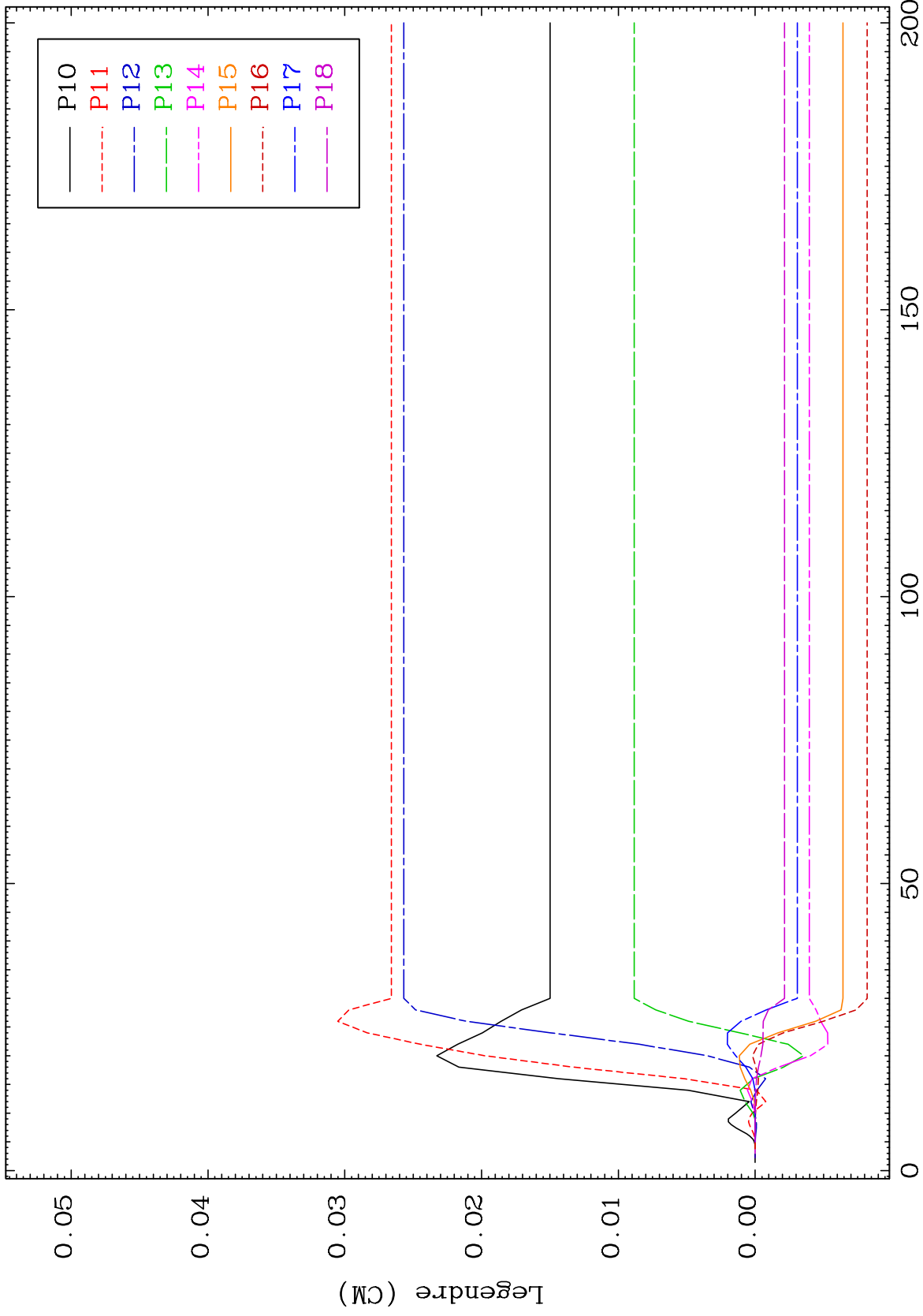
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

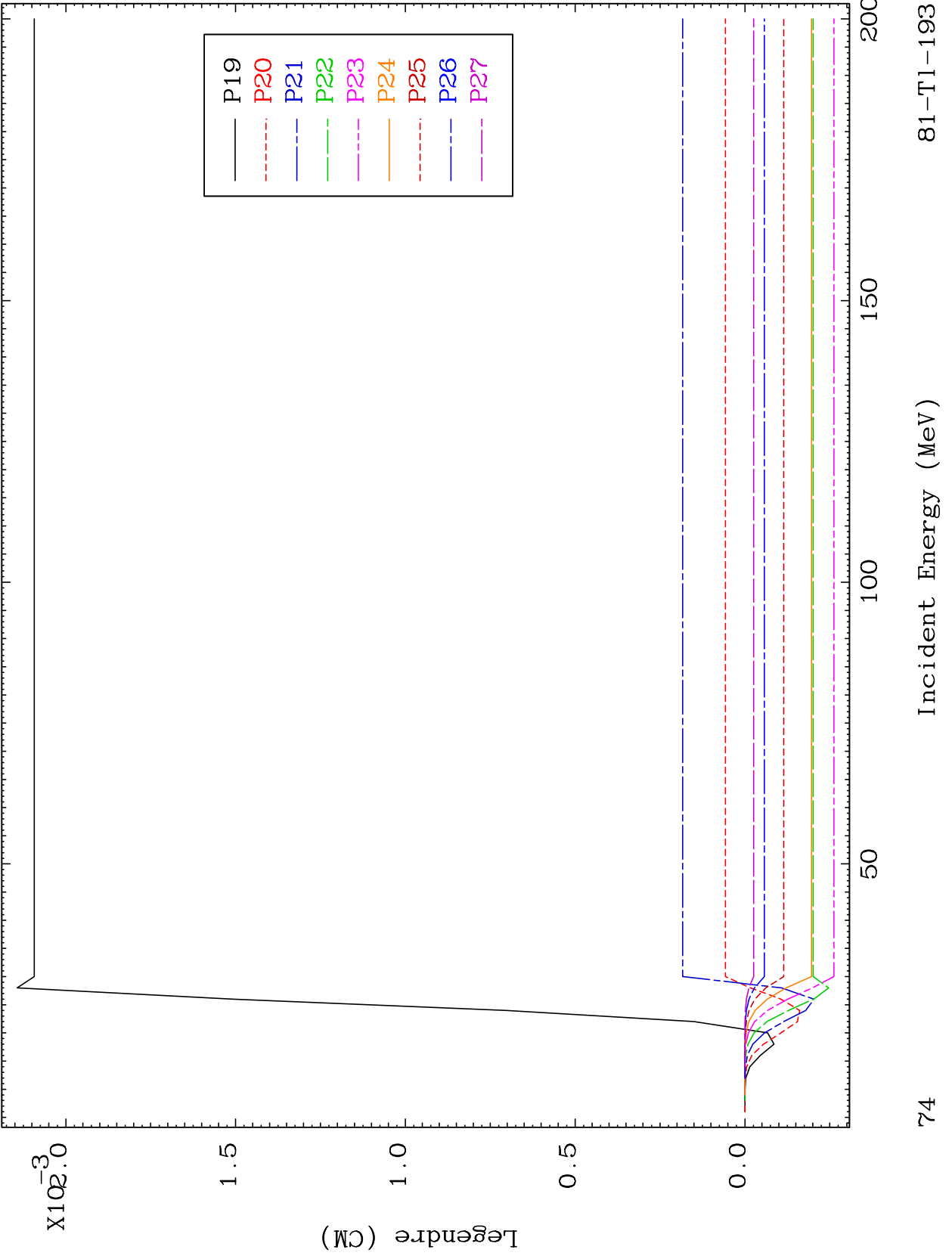
81-T1-193



73

Incident Energy (MeV)

81-T1-193

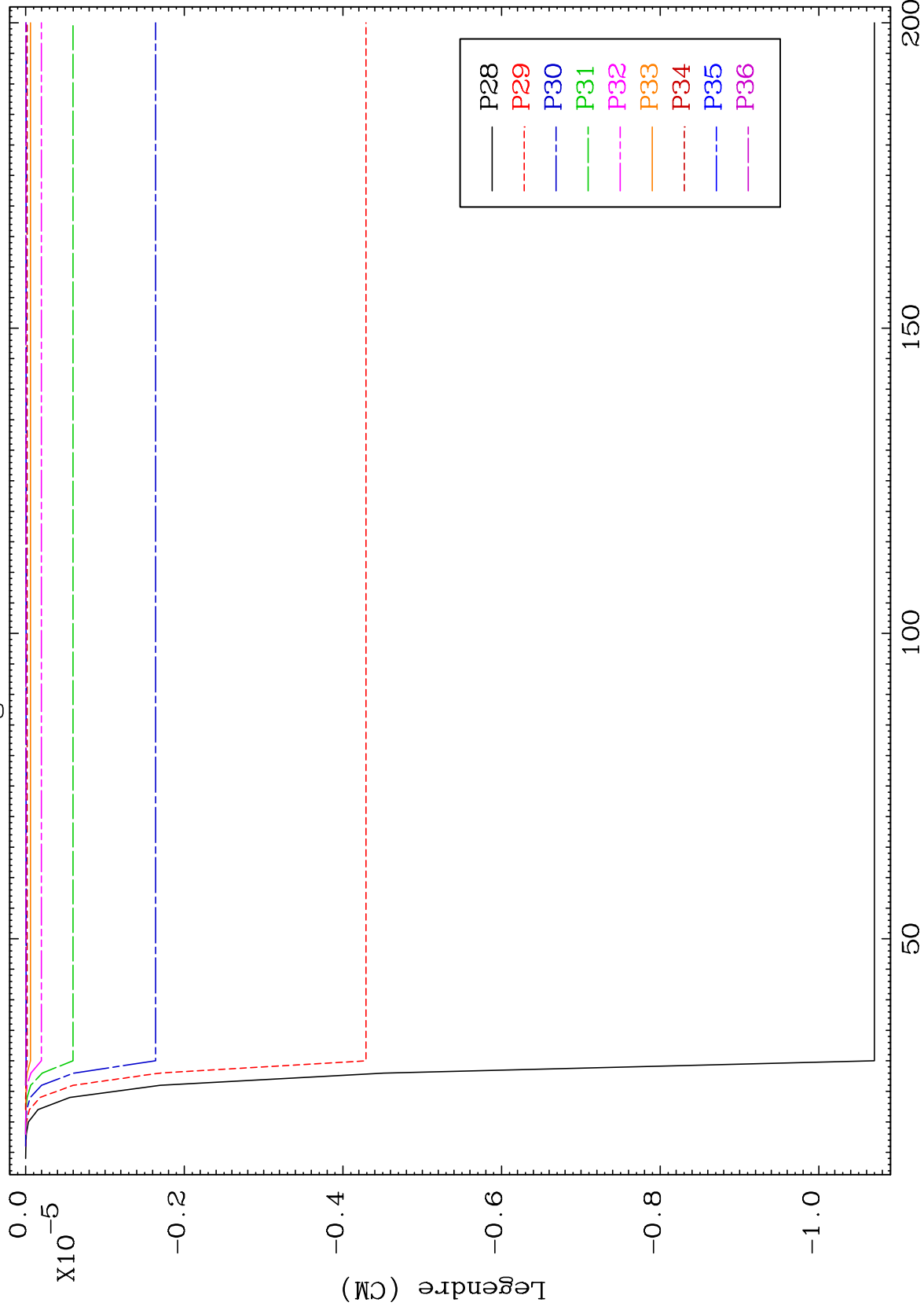


MAT 8095

MT= 64 (n,n') Level

81-Tl-193

Legendre Coefficients



75

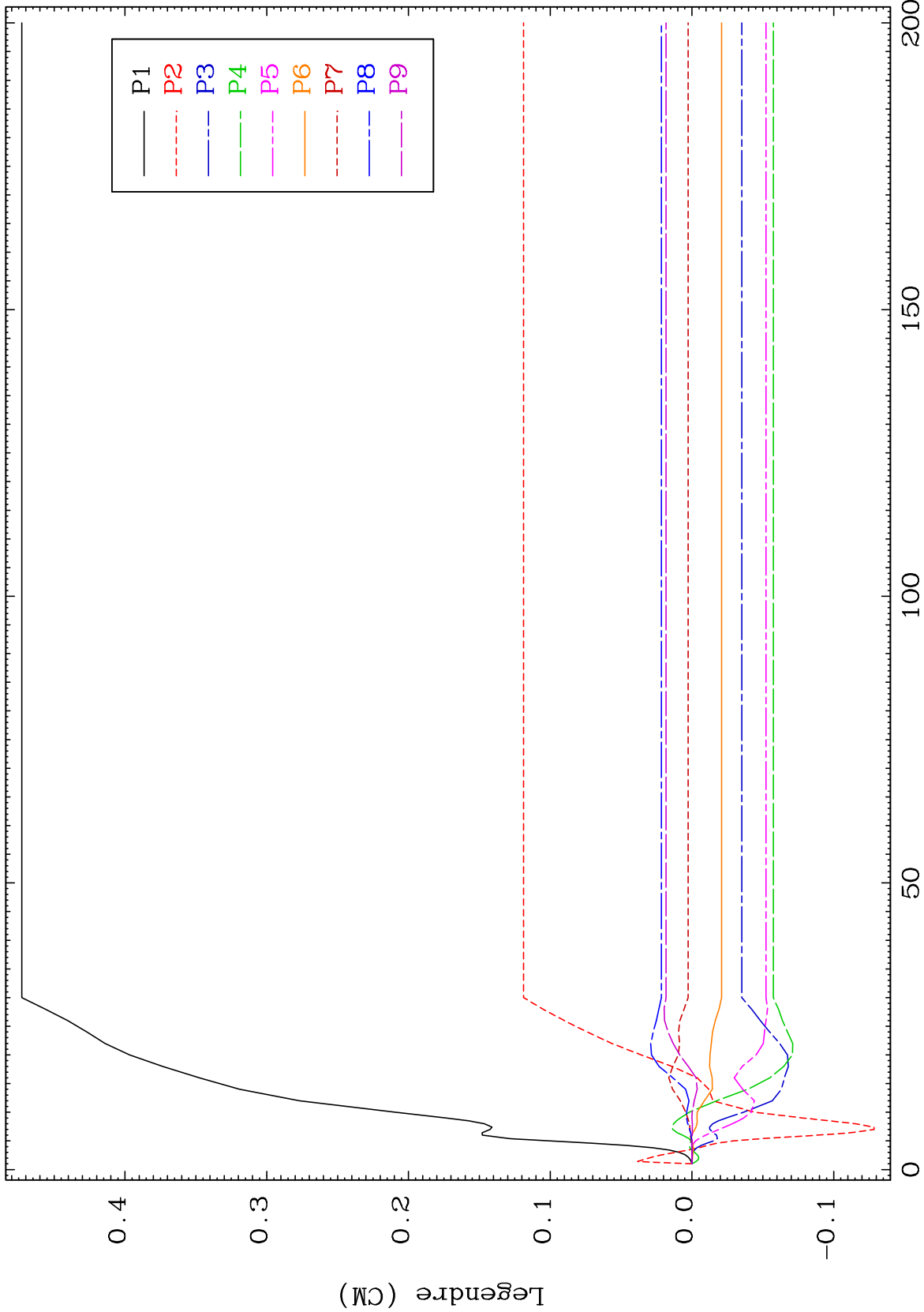
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193



76

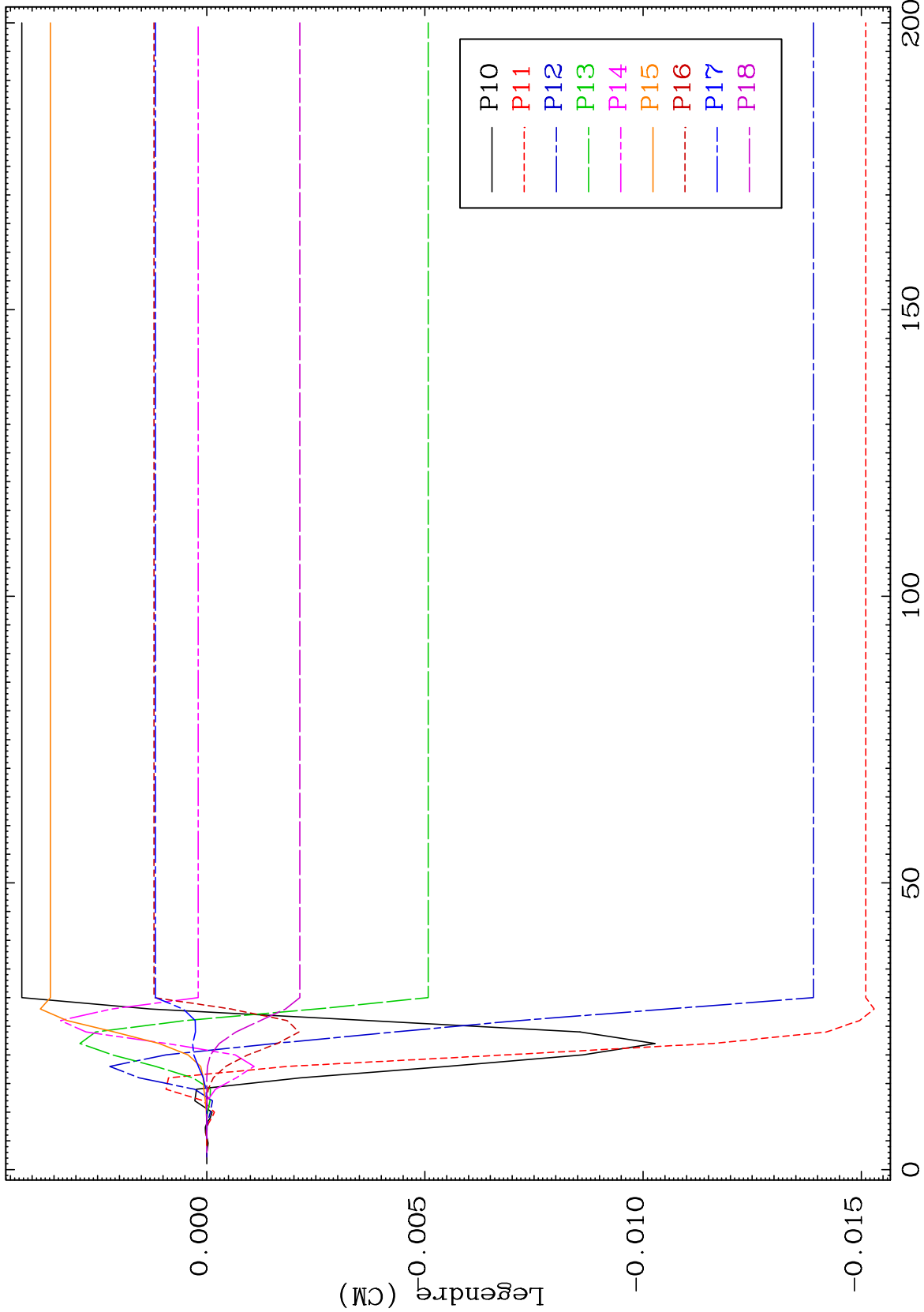
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-T1-193



77

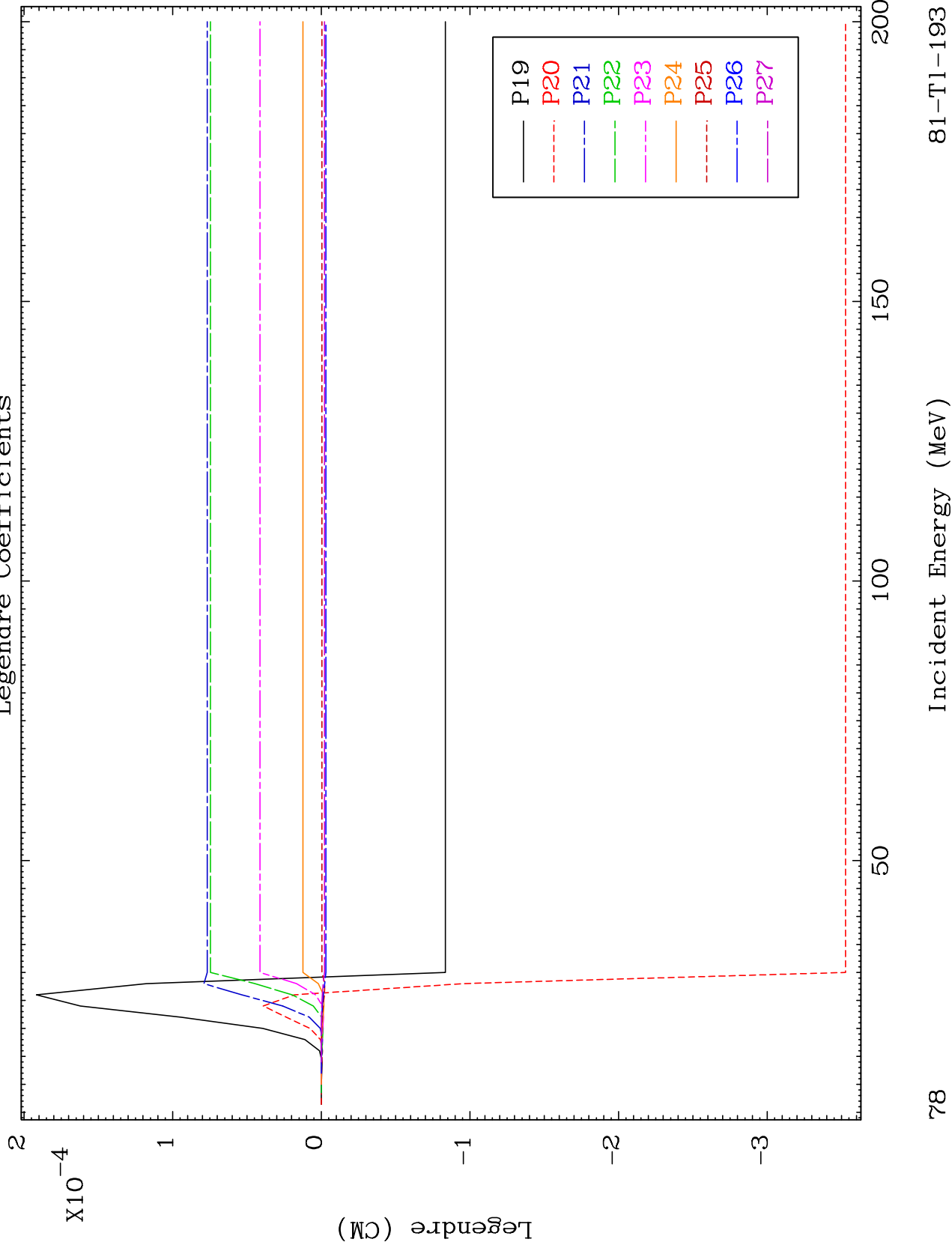
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-Tl-193



78

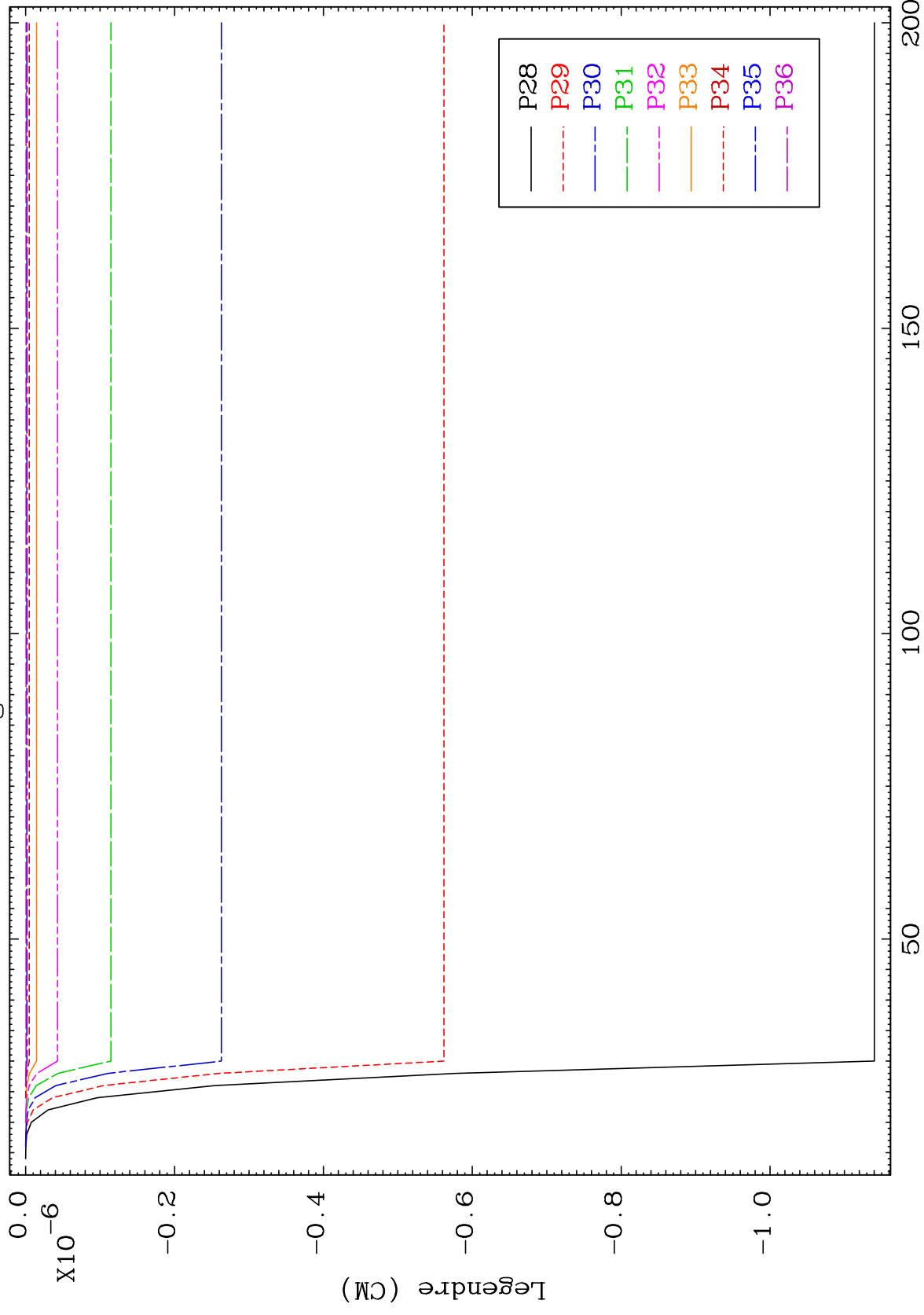
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



79

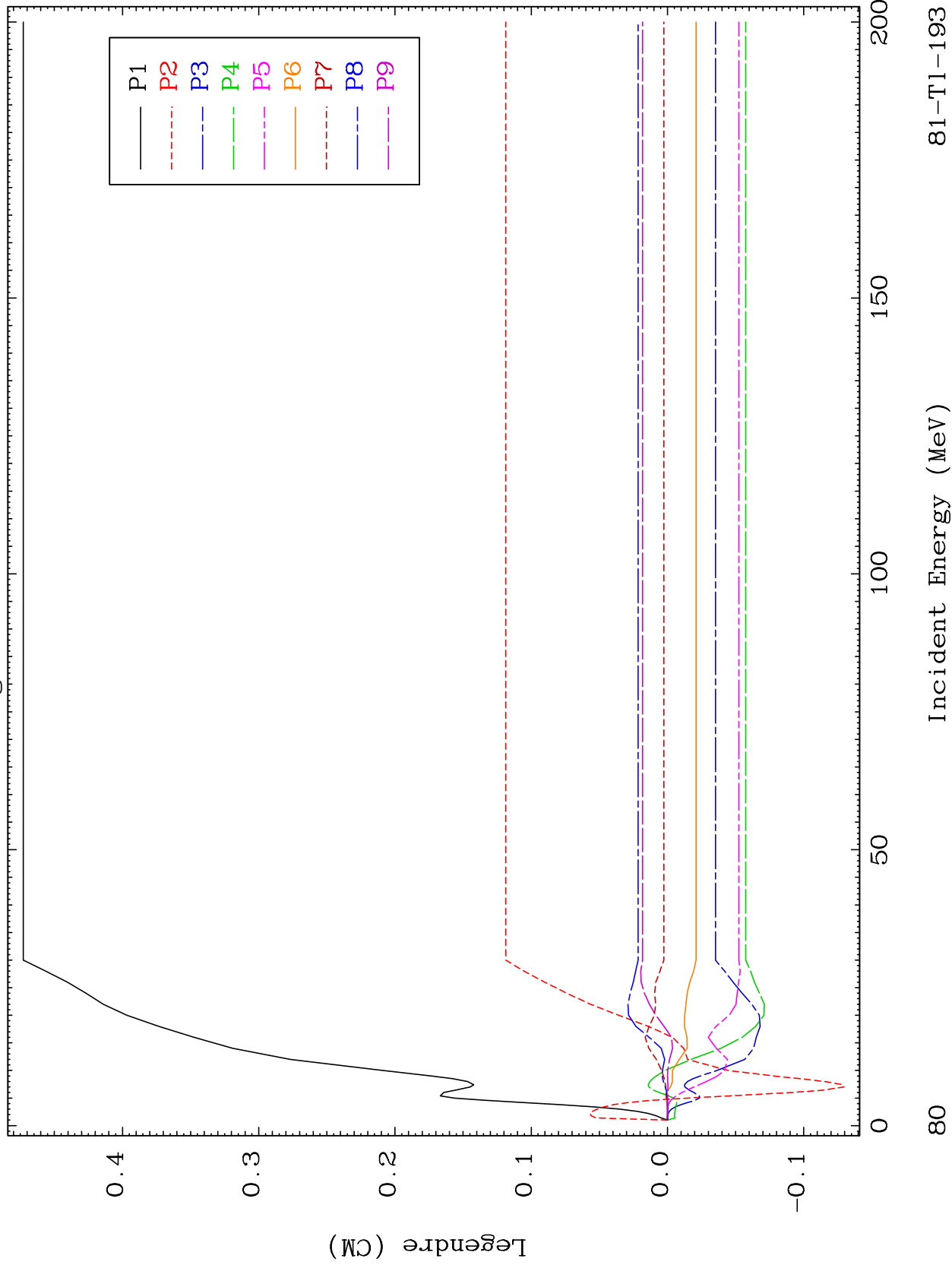
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193



81-T1-193

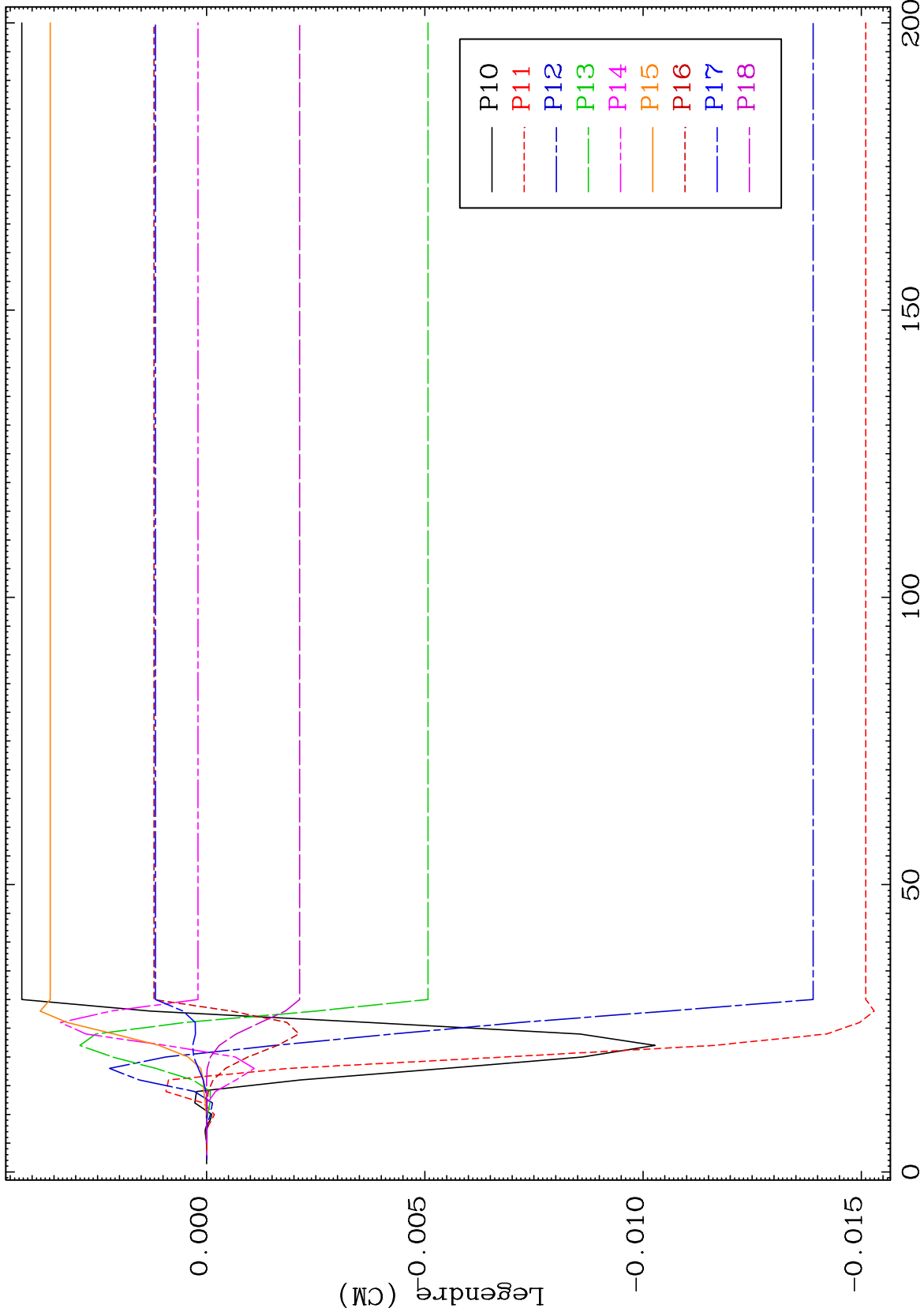
Incident Energy (MeV)

80

MAT 8095

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

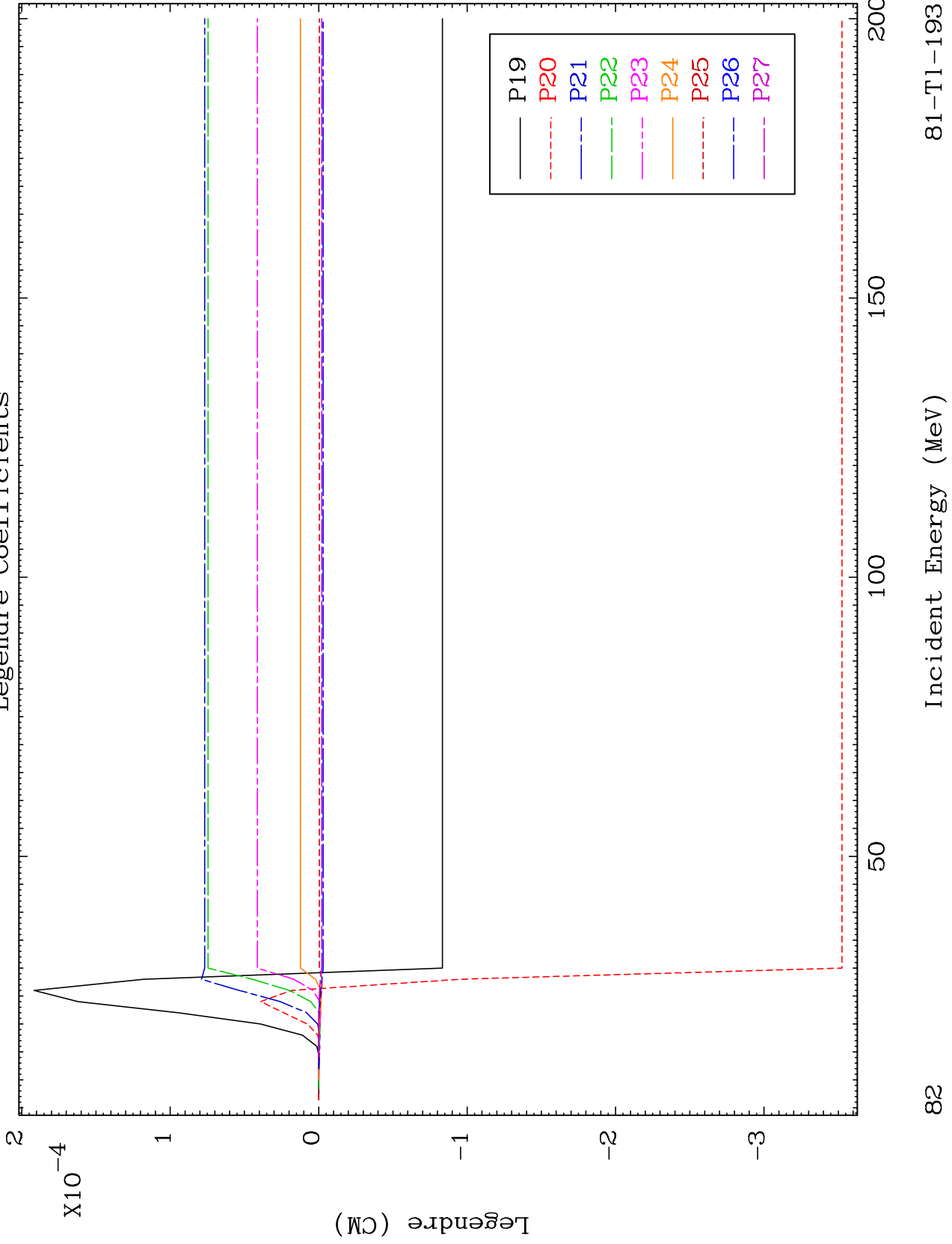
81-T1-193

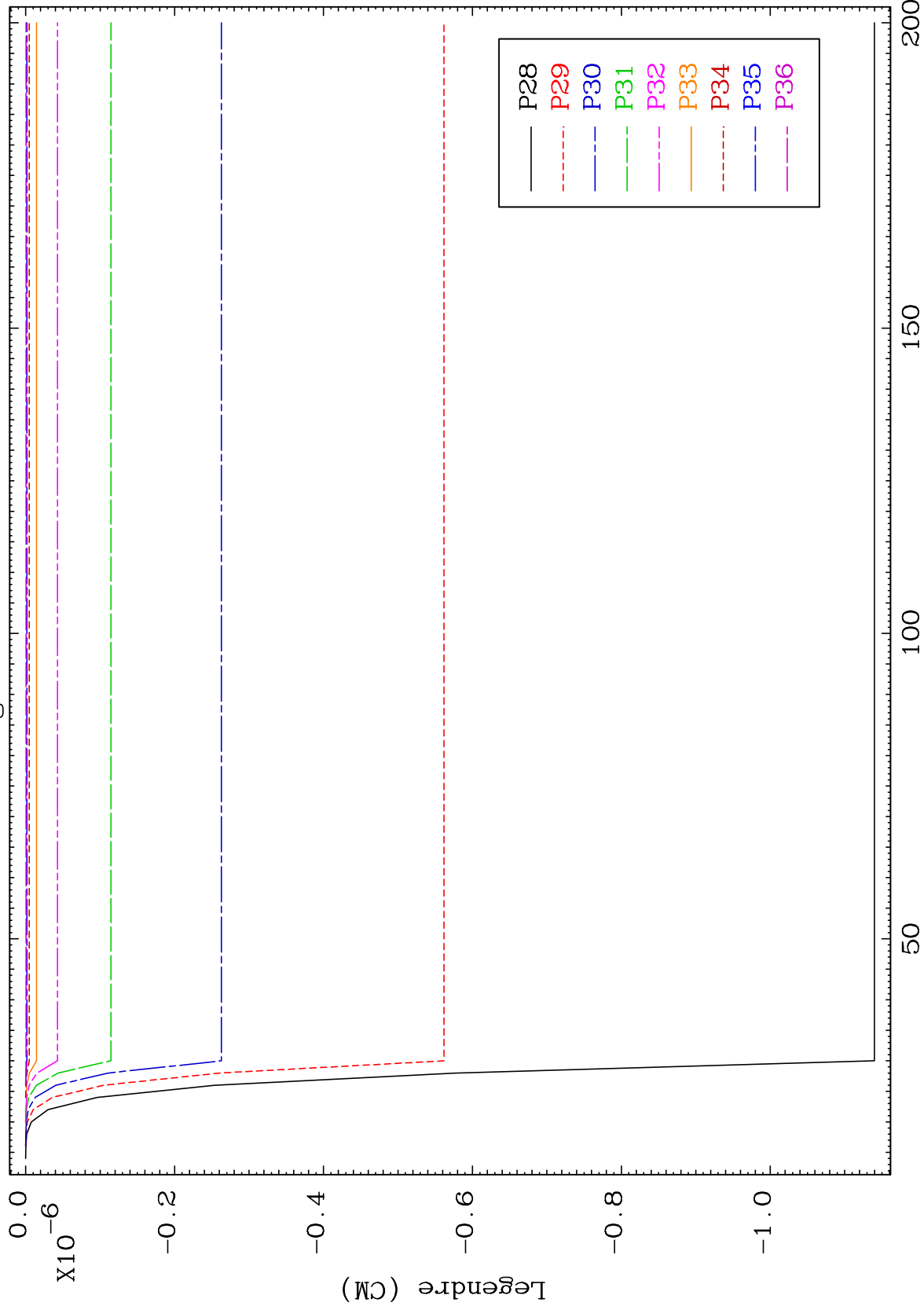


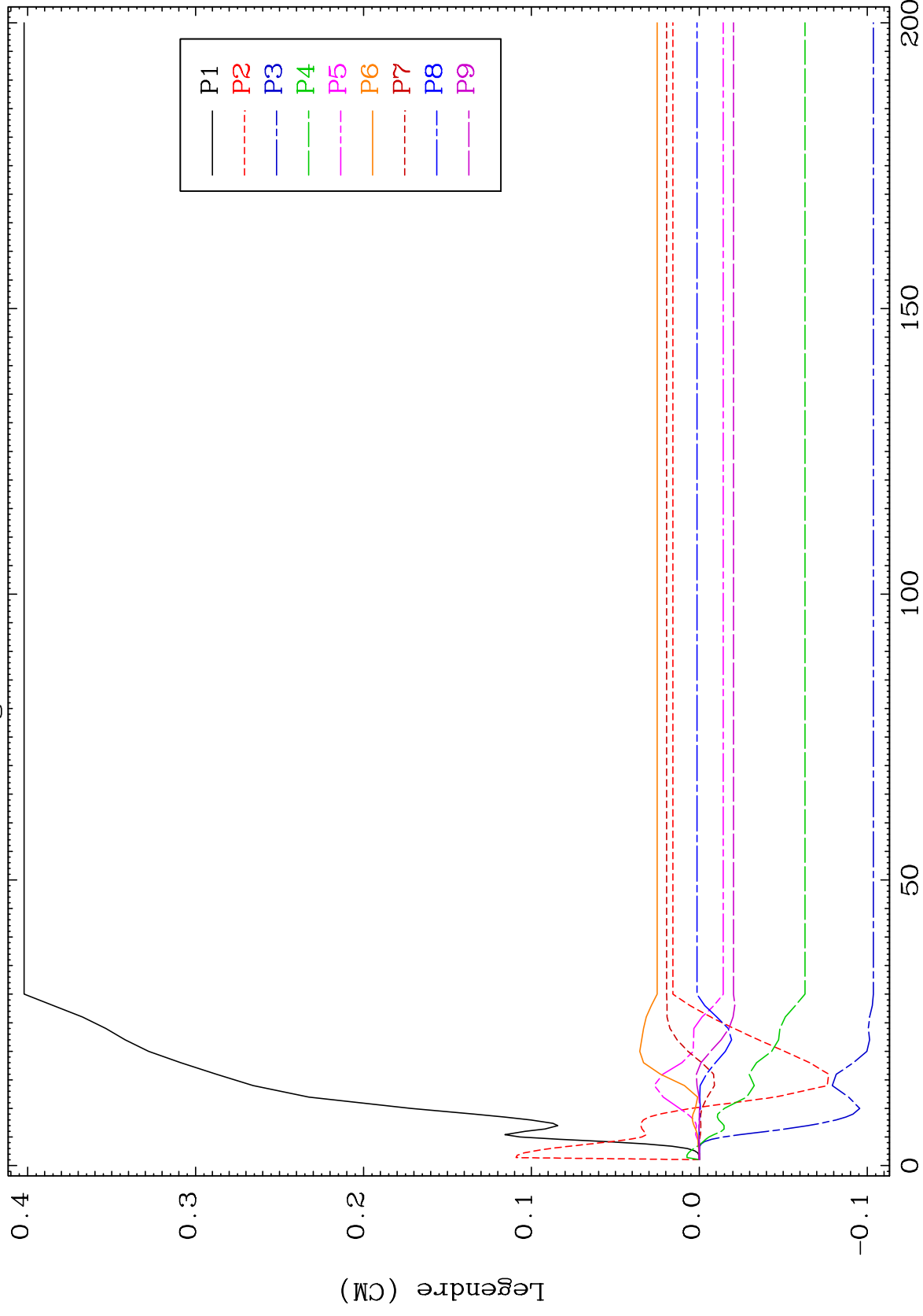
81

Incident Energy (MeV)

81-T1-193



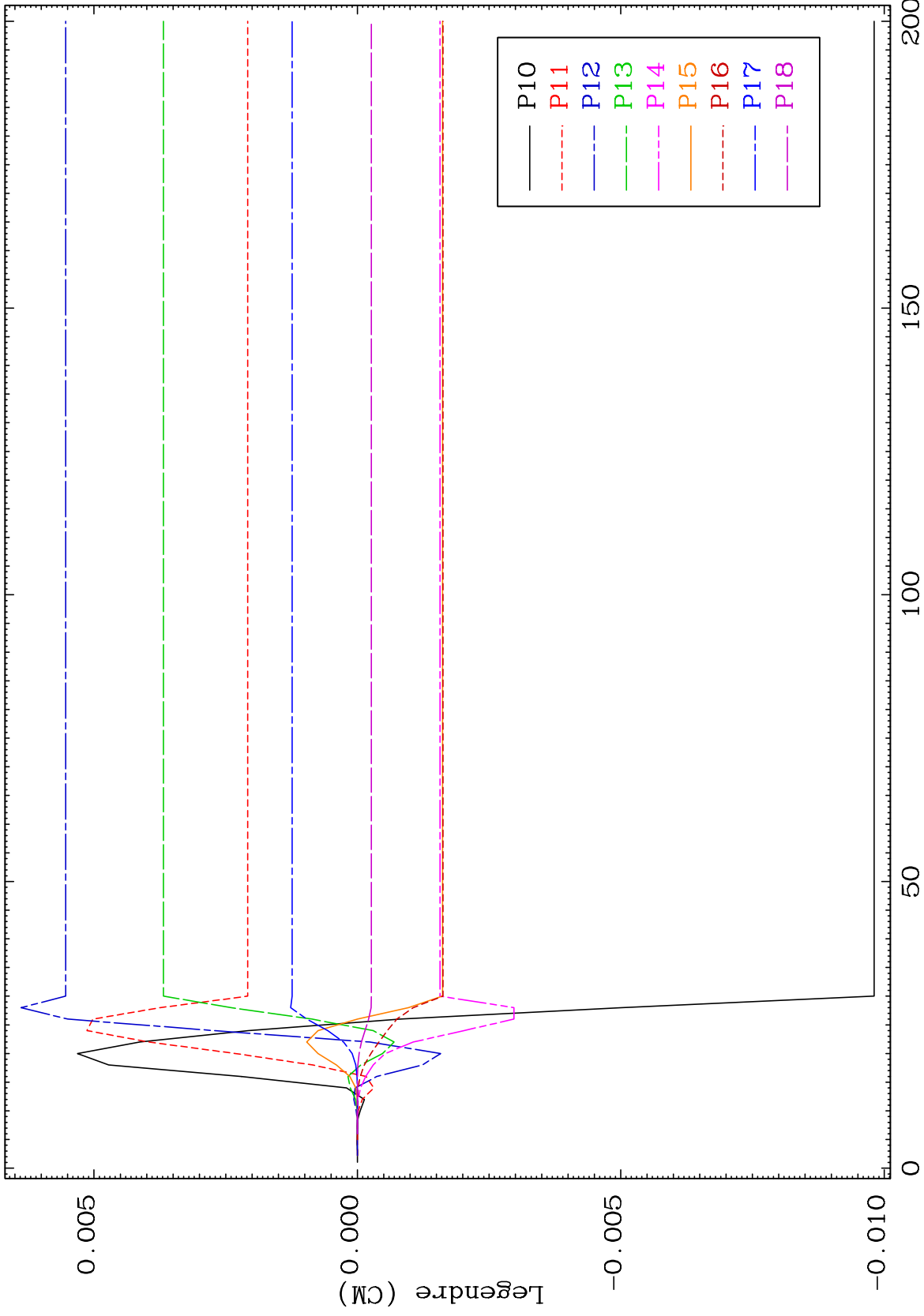




MAT 8095

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

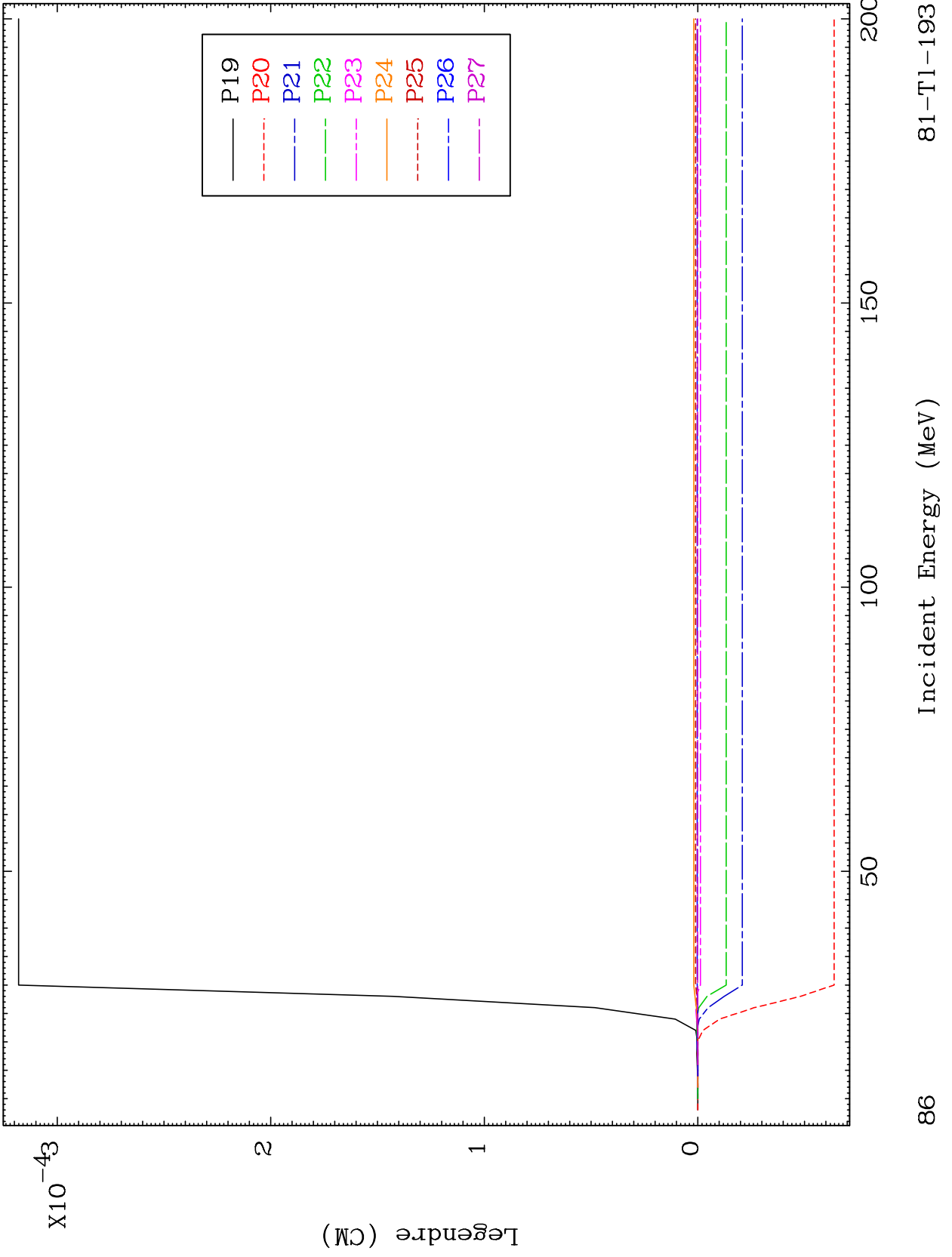
81-T1-193

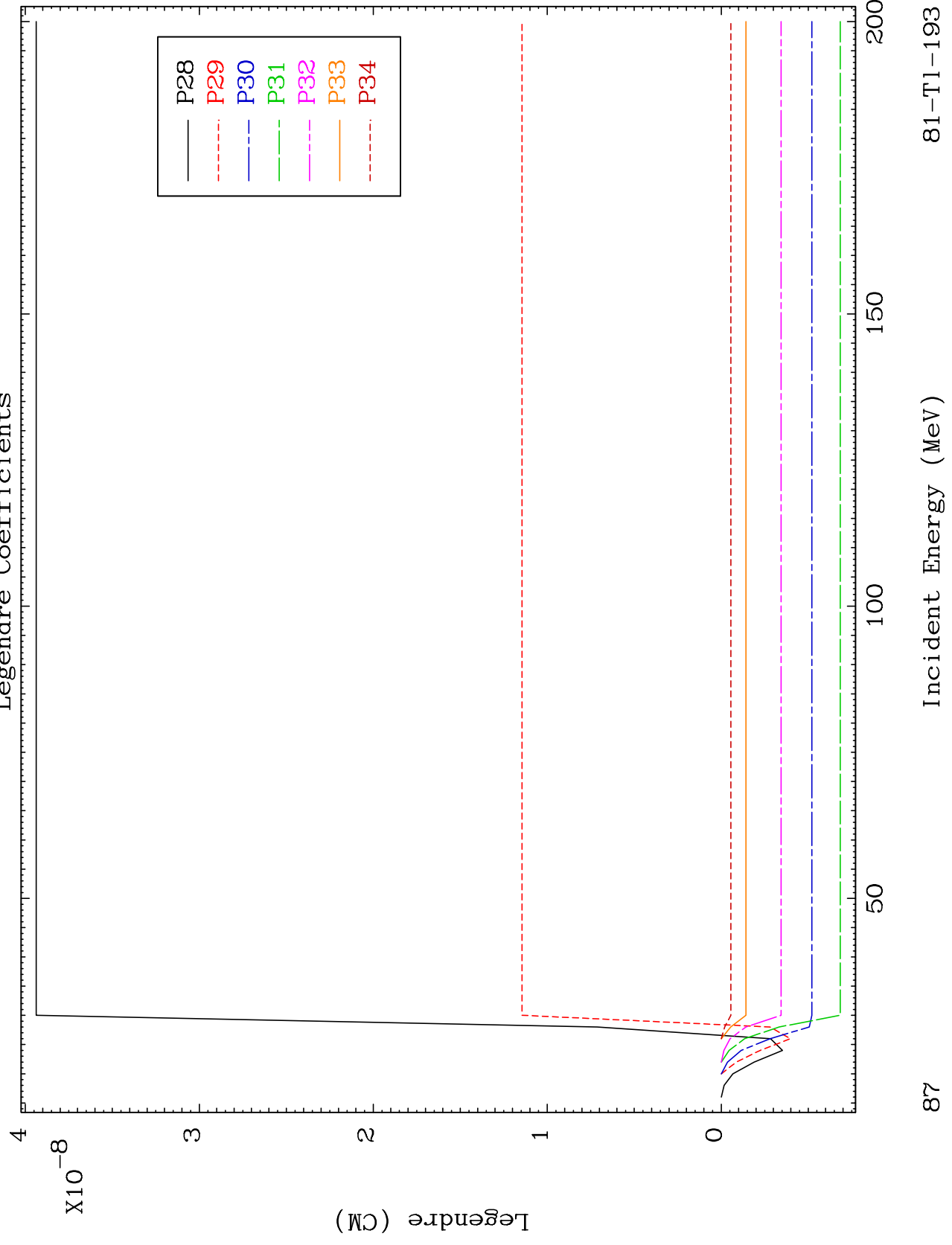


85

Incident Energy (MeV)

81-T1-193

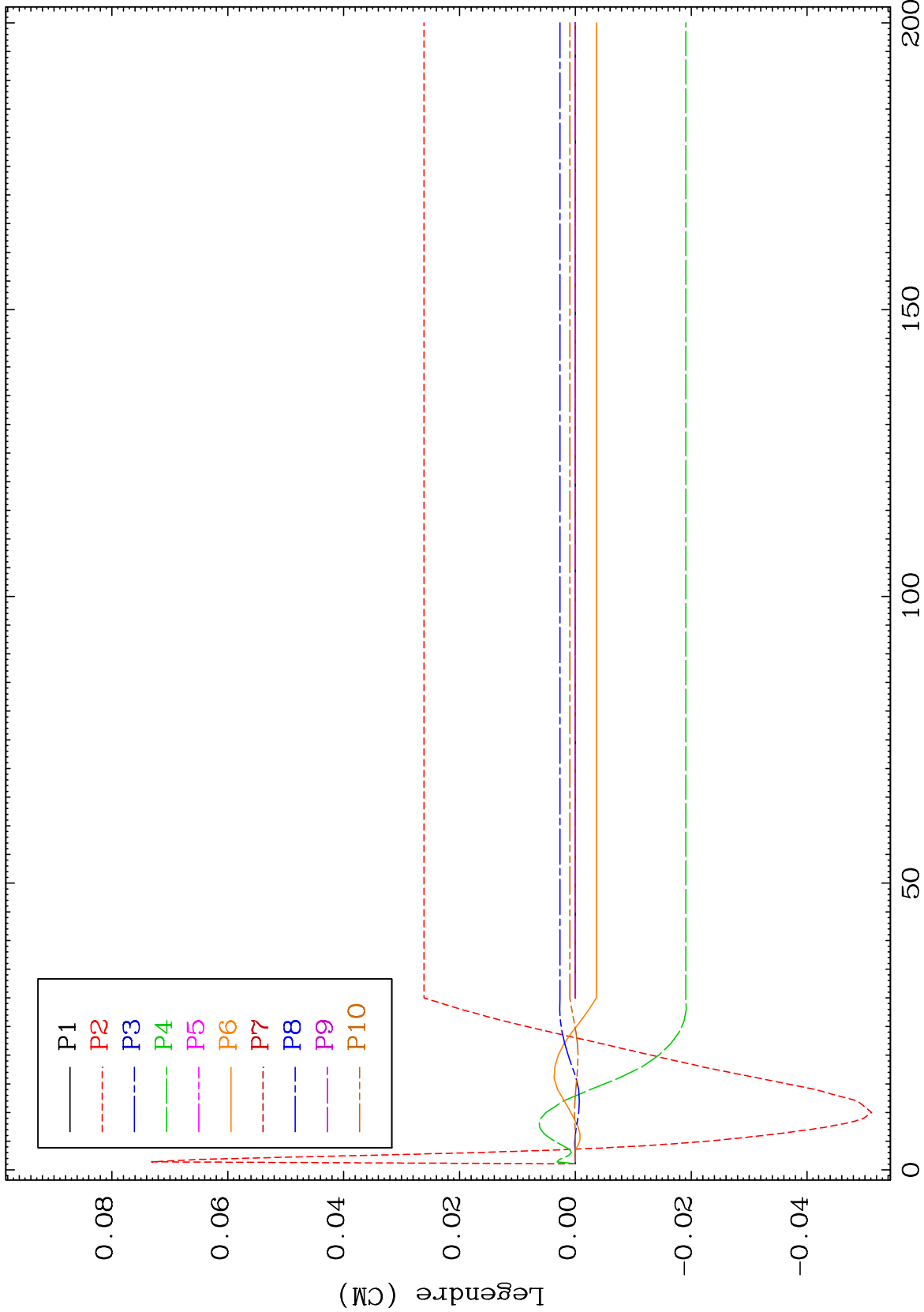




MAT 8095

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

81-T1-193



88

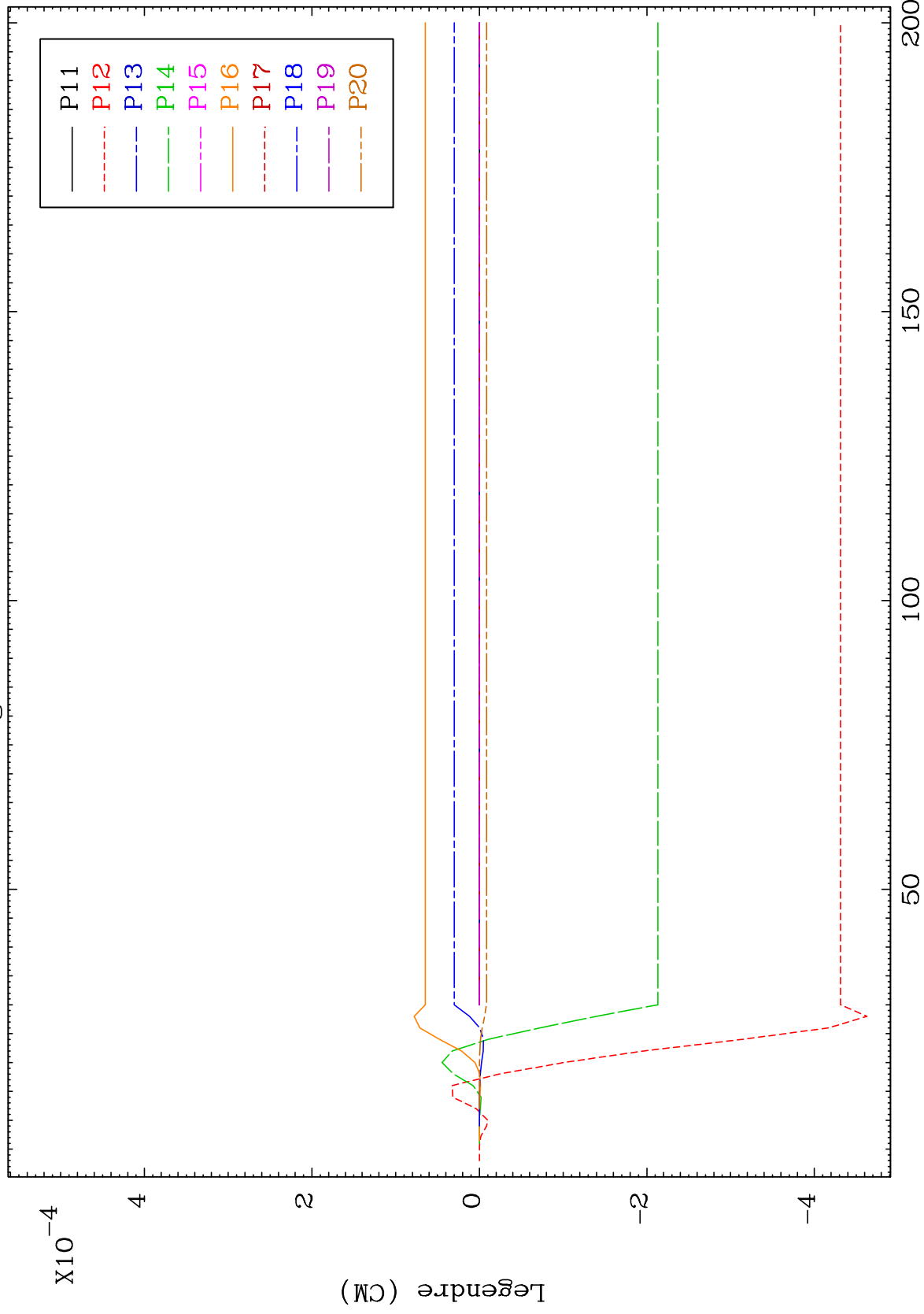
Incident Energy (MeV)

81-T1-193

MAT 8095

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

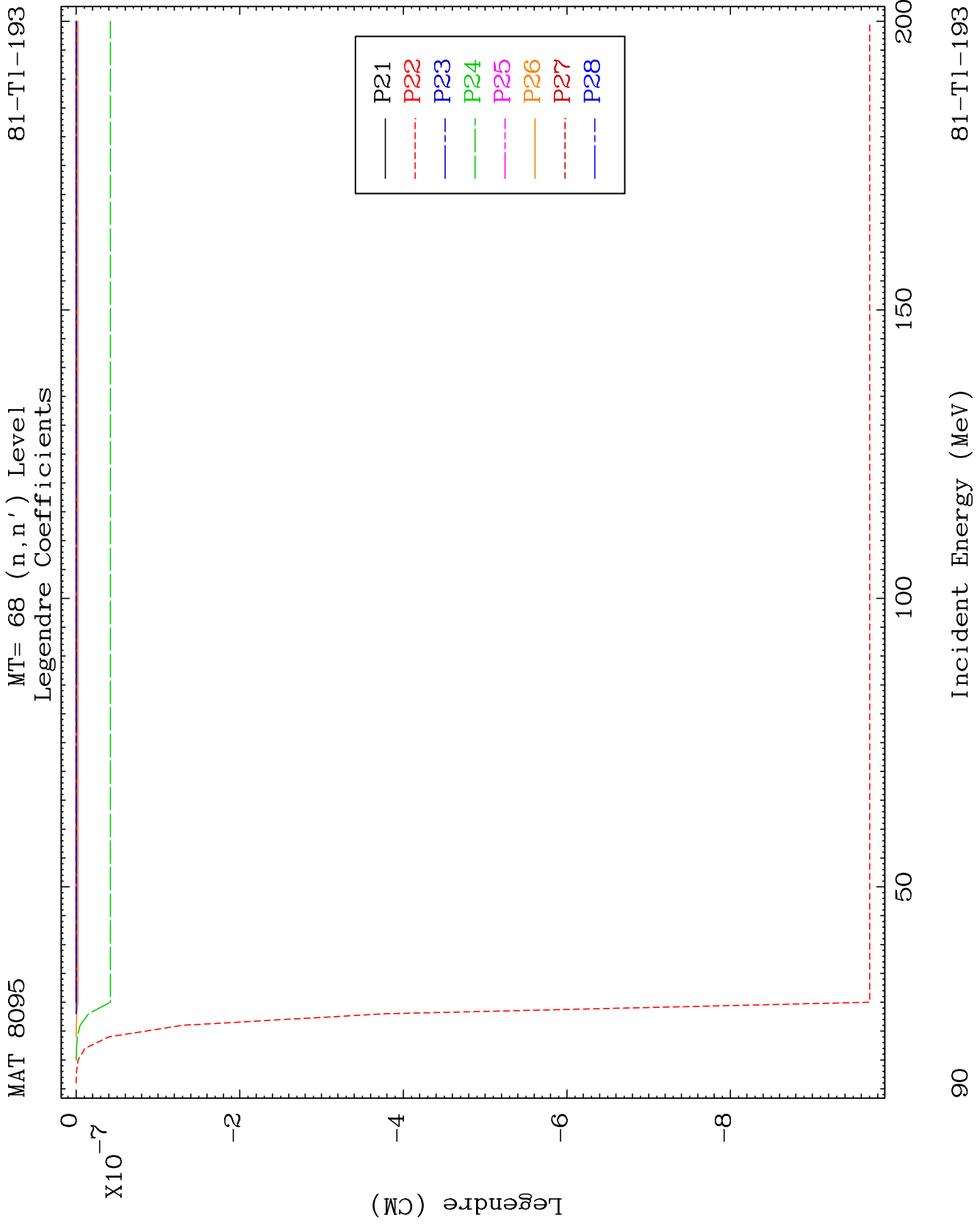
81-Tl-193



89

Incident Energy (MeV)

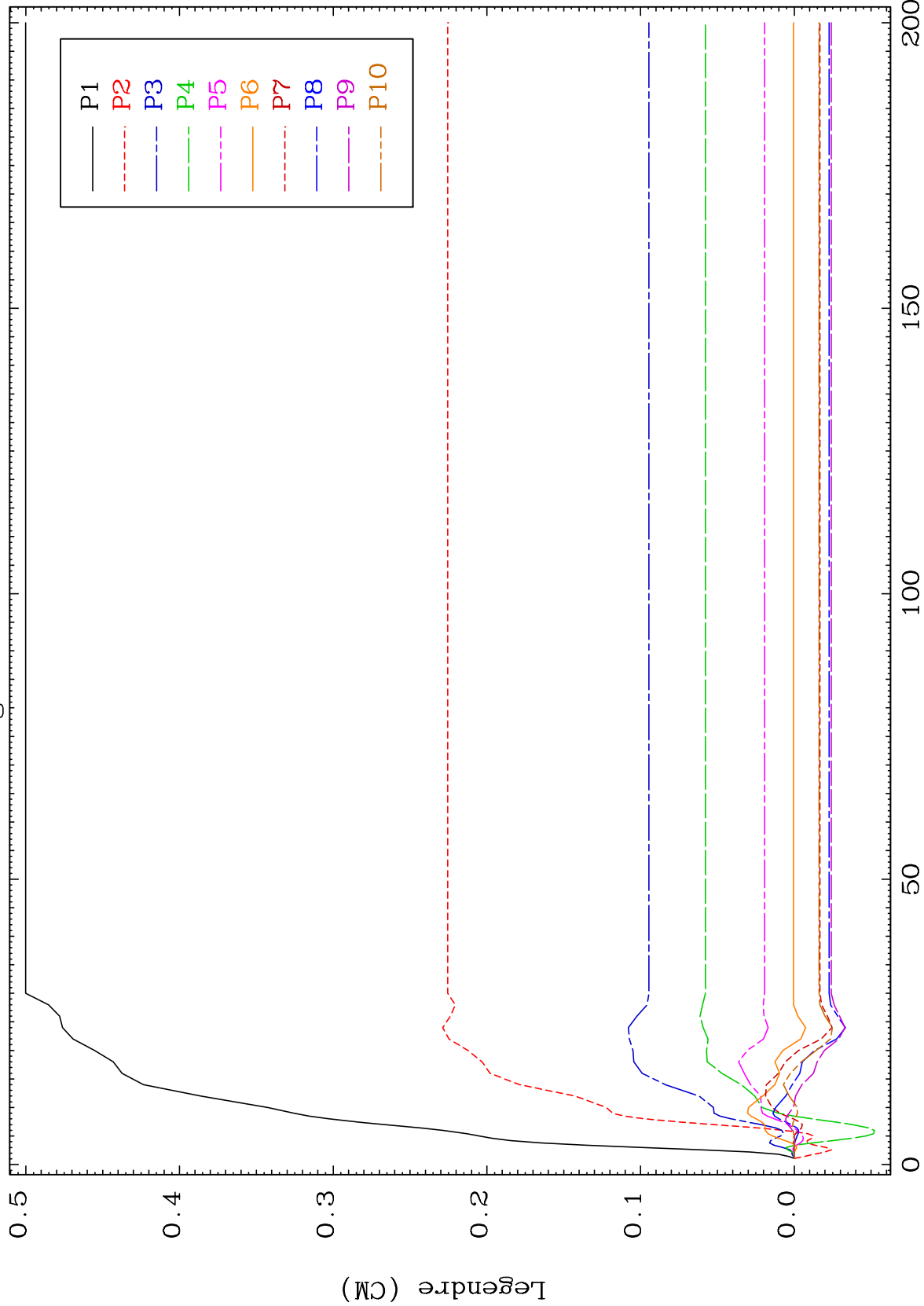
81-Tl-193



MAT 8095

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

81-Tl-193



91

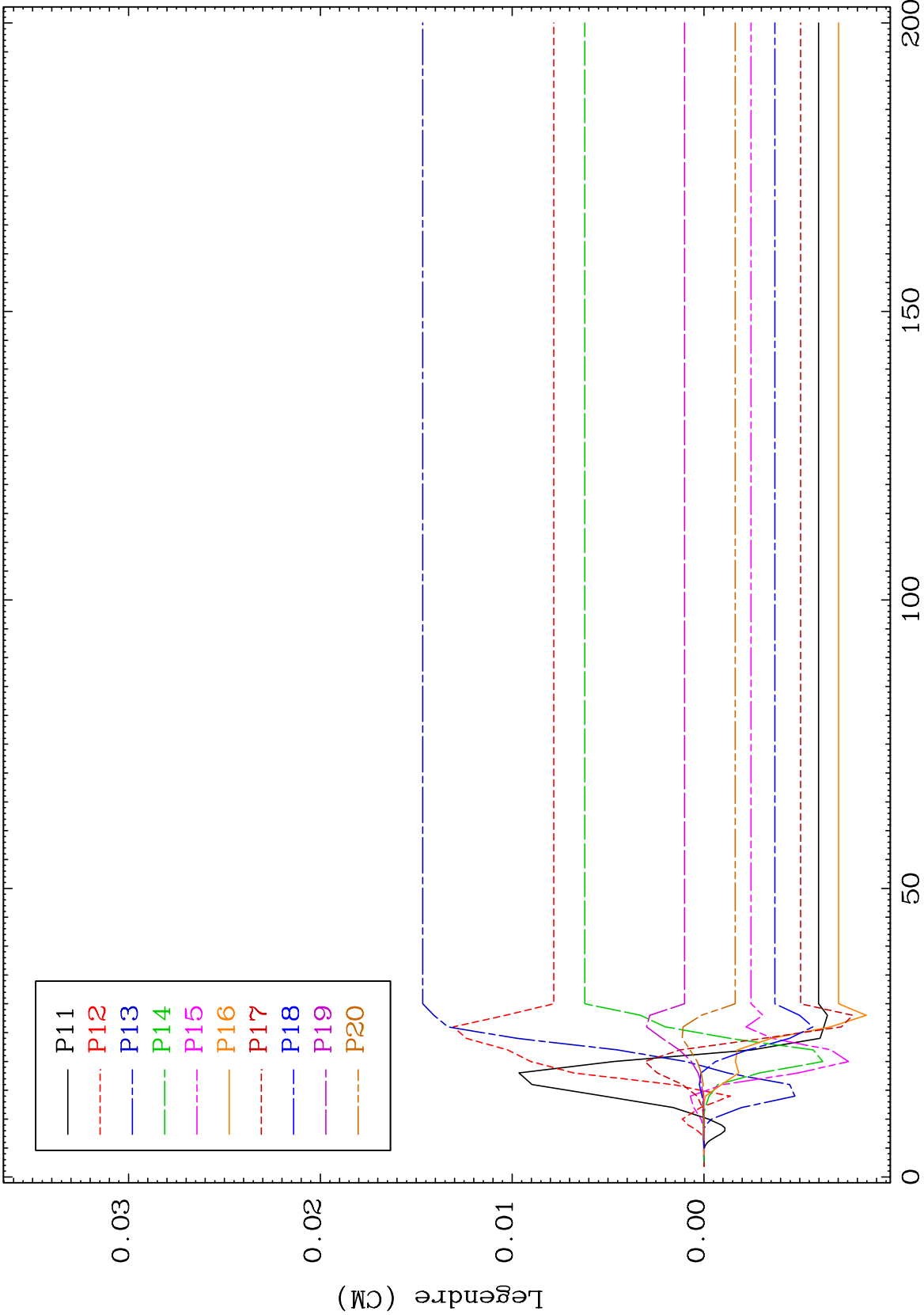
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

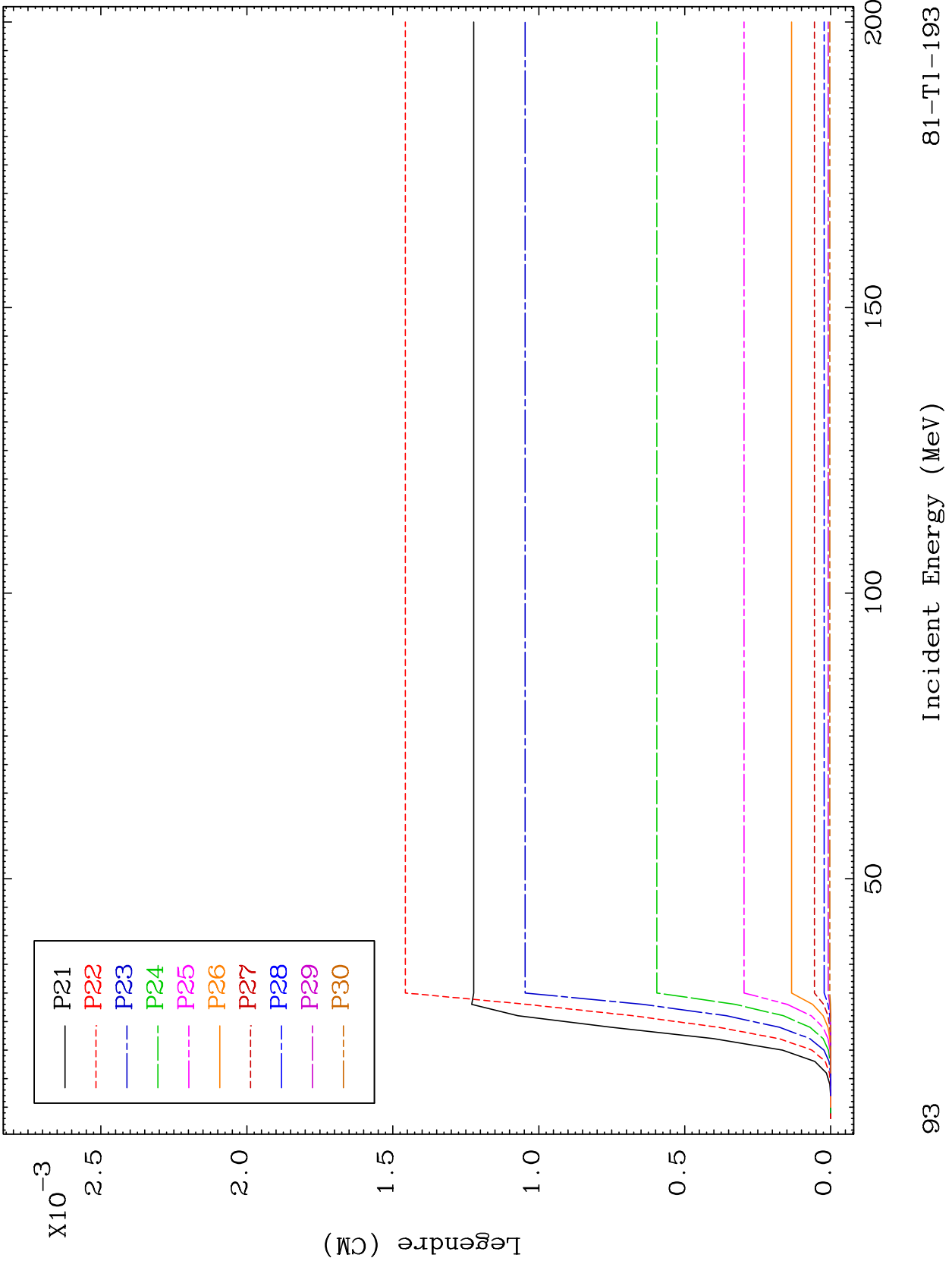
81-T1-193

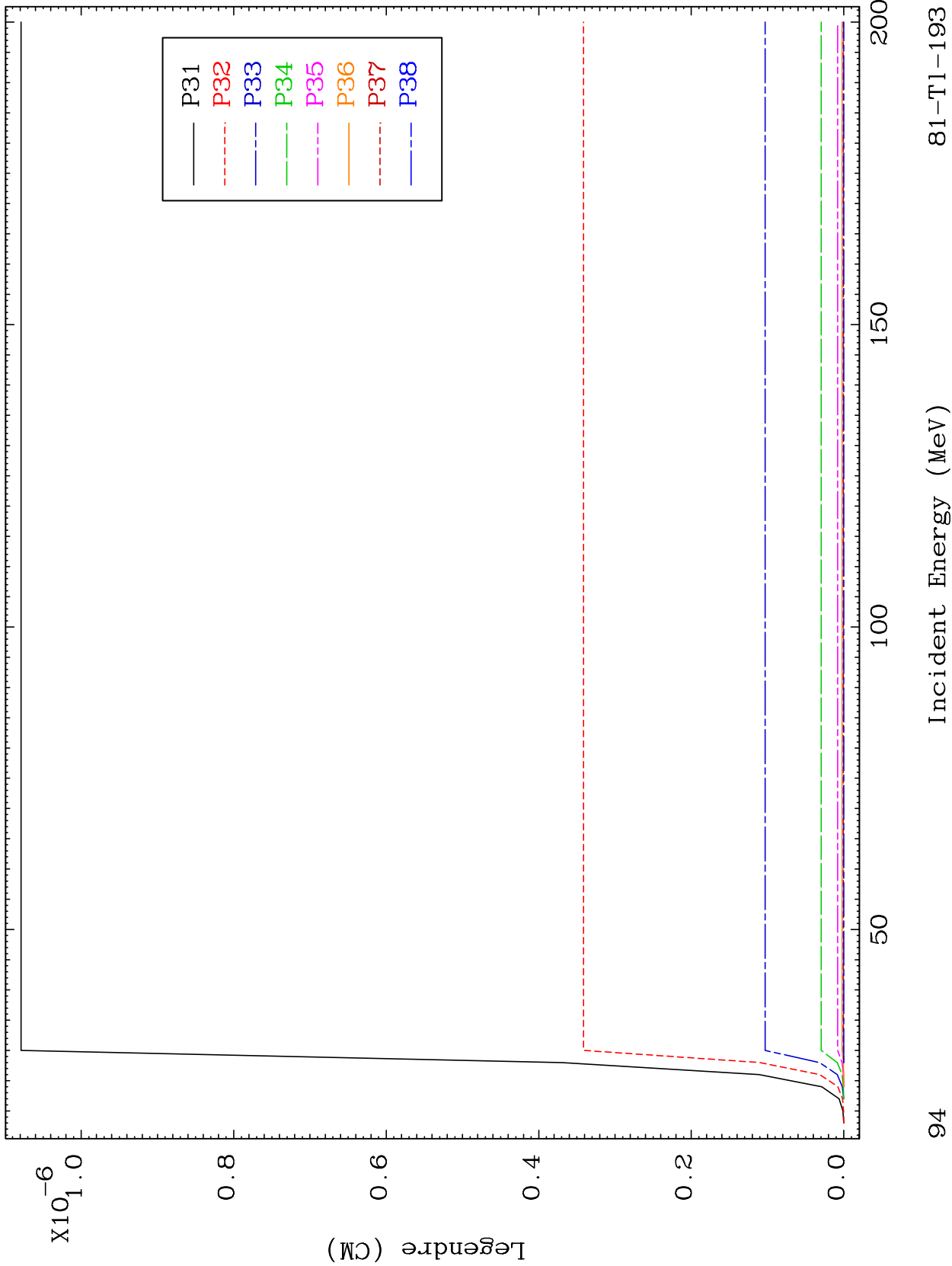


92

Incident Energy (MeV)

81-T1-193

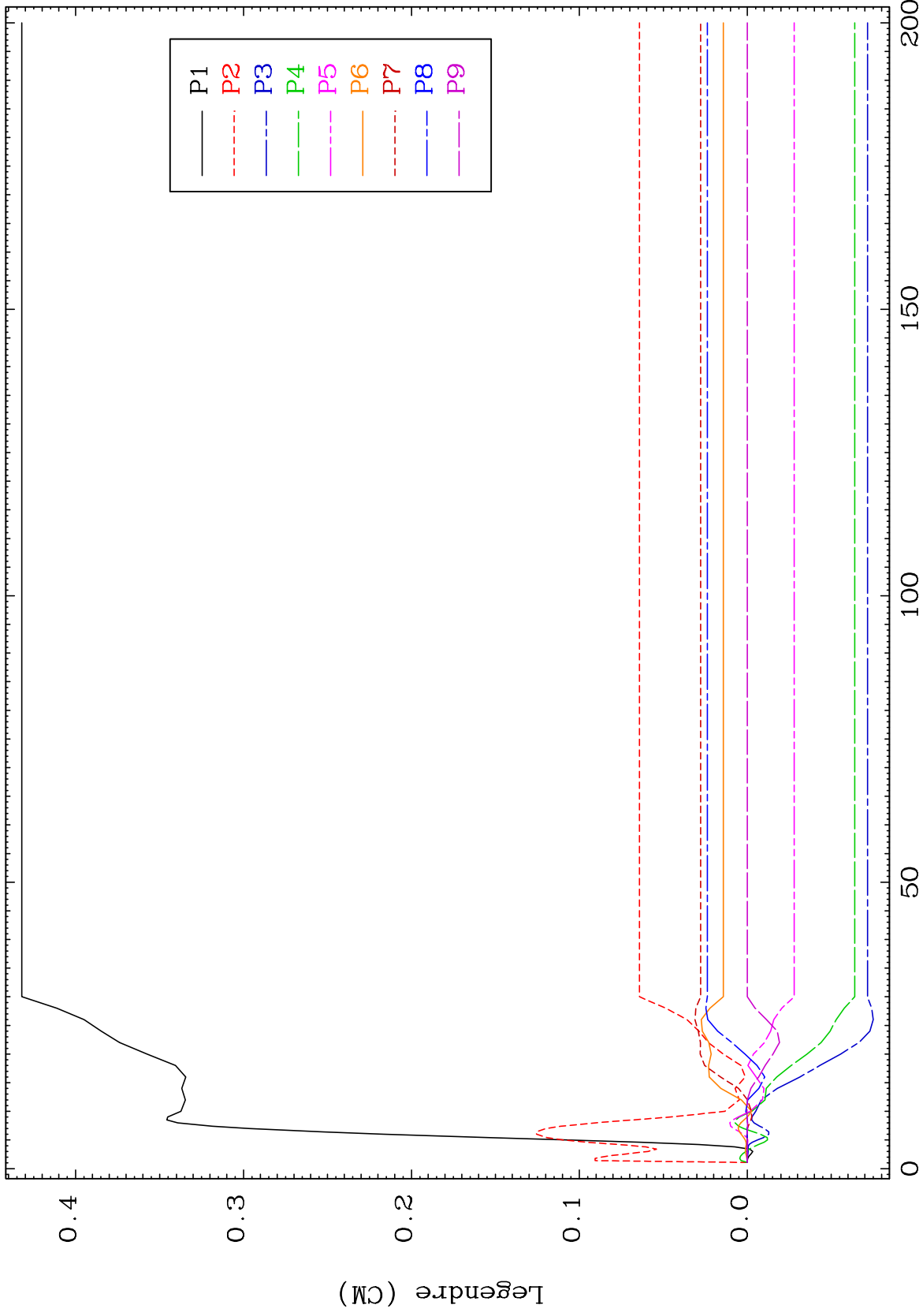




MAT 8095

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

81-Tl-193



95

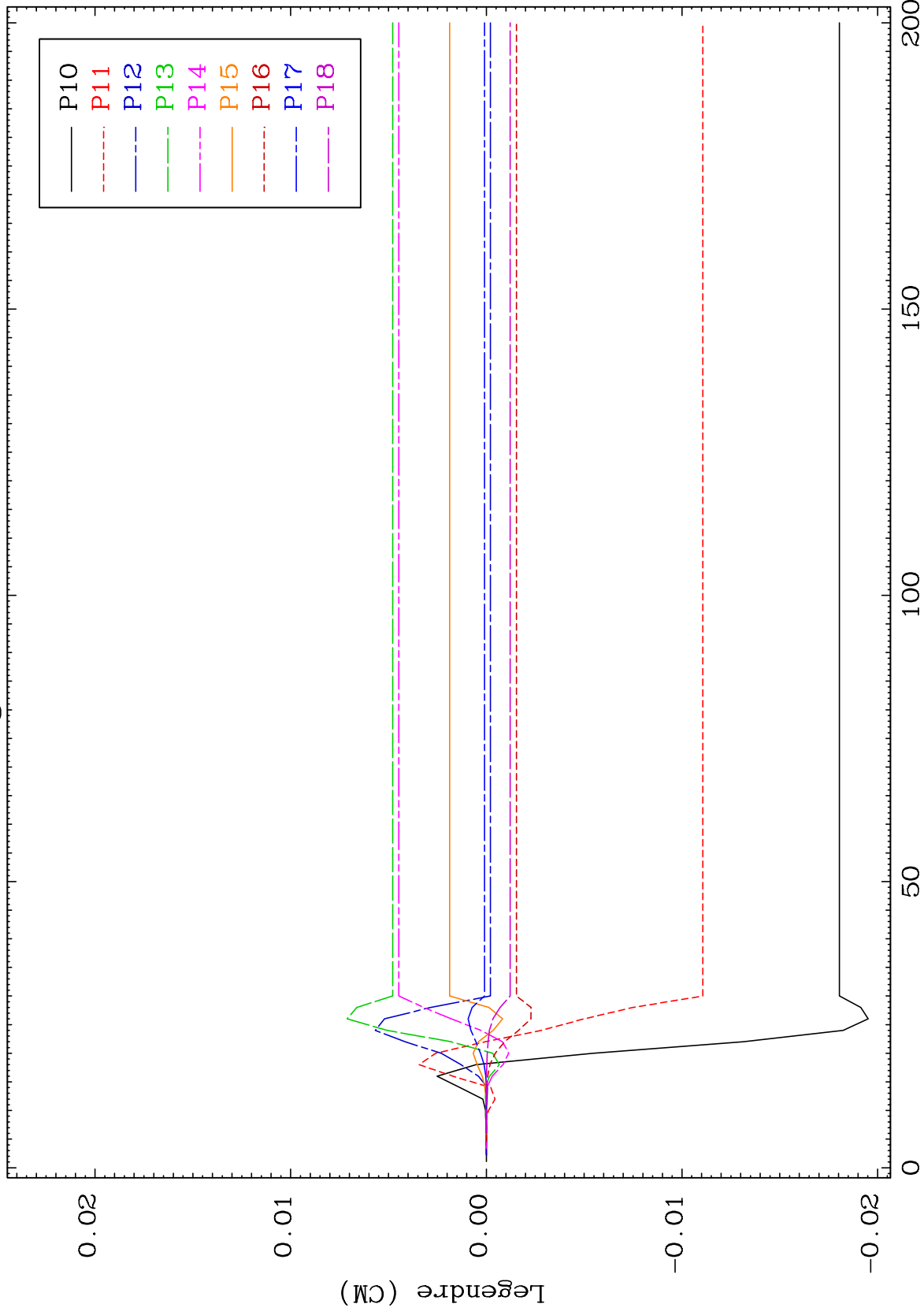
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



96

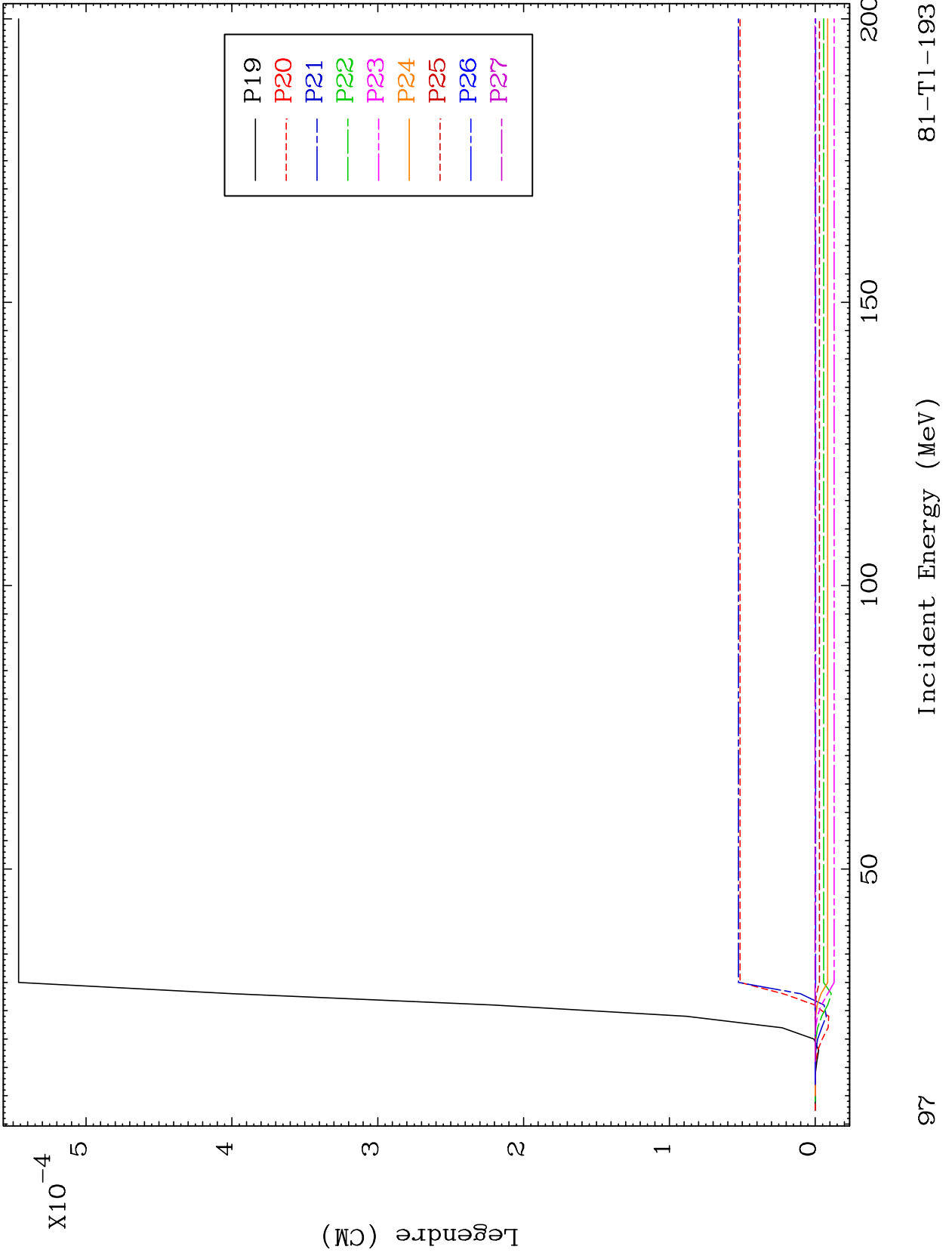
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193



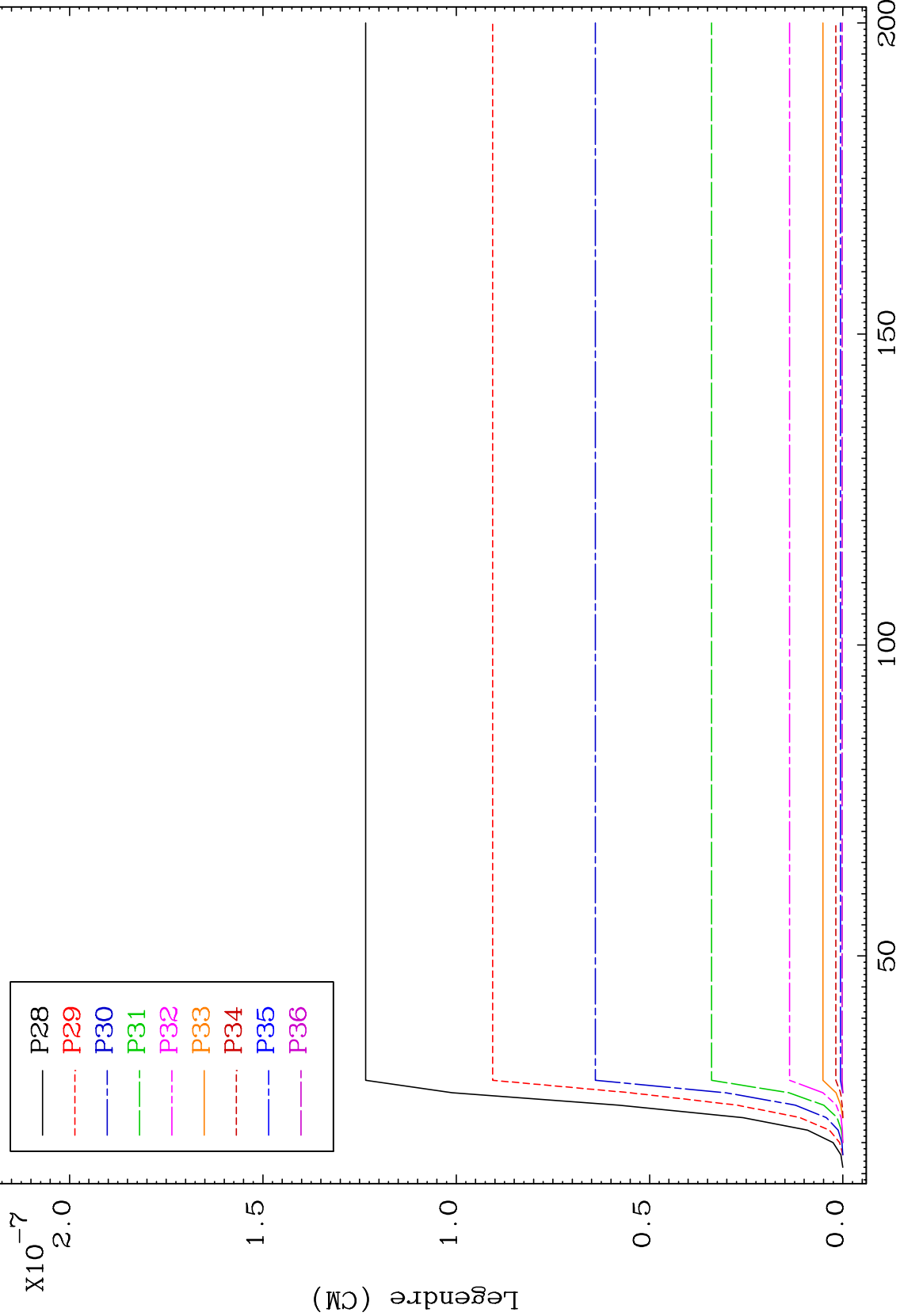
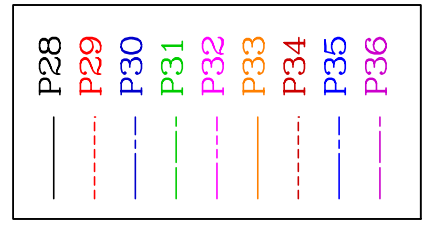
97

81-T1-193

MAT 8095

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

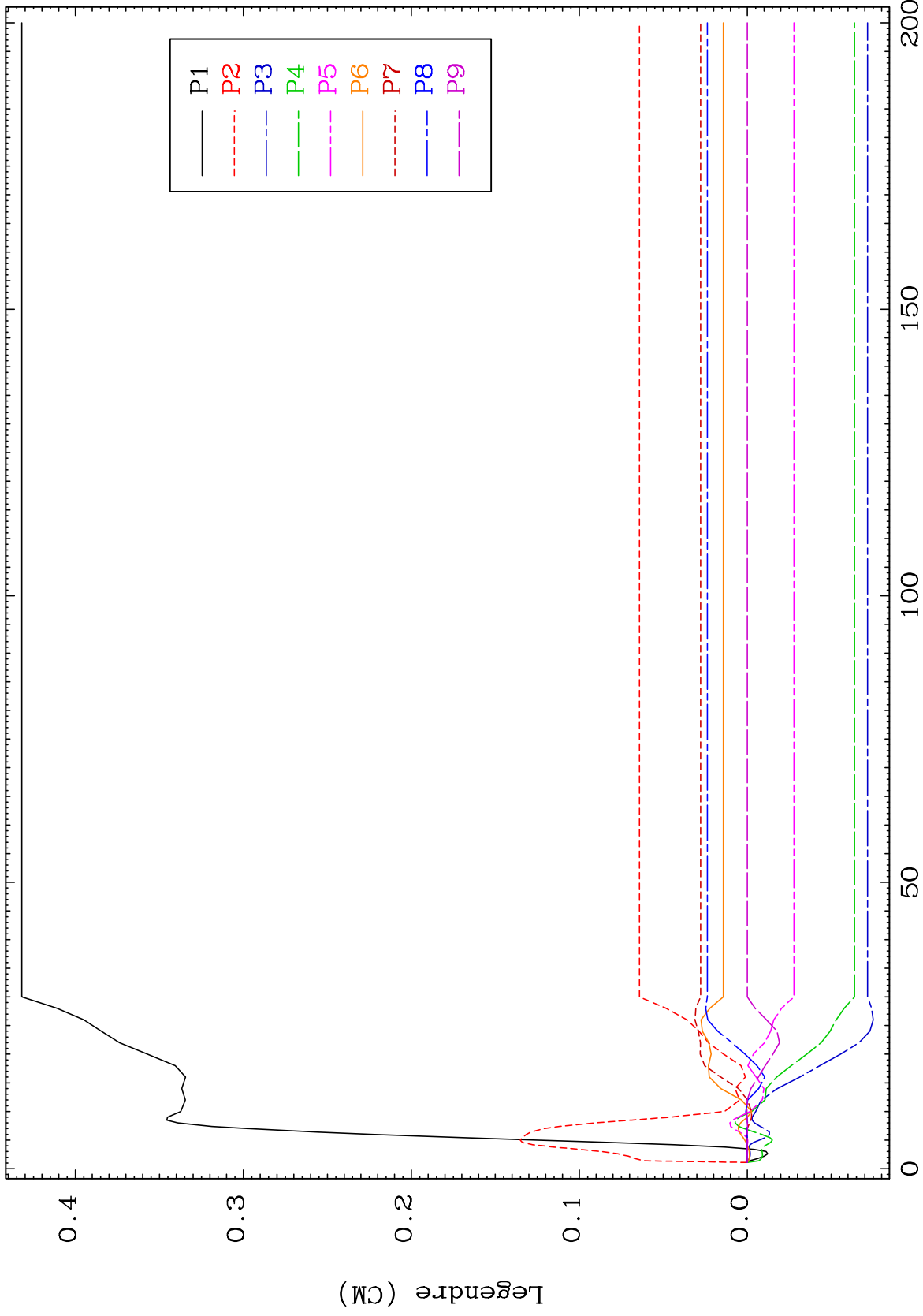
81-Tl-193



98

Incident Energy (MeV)

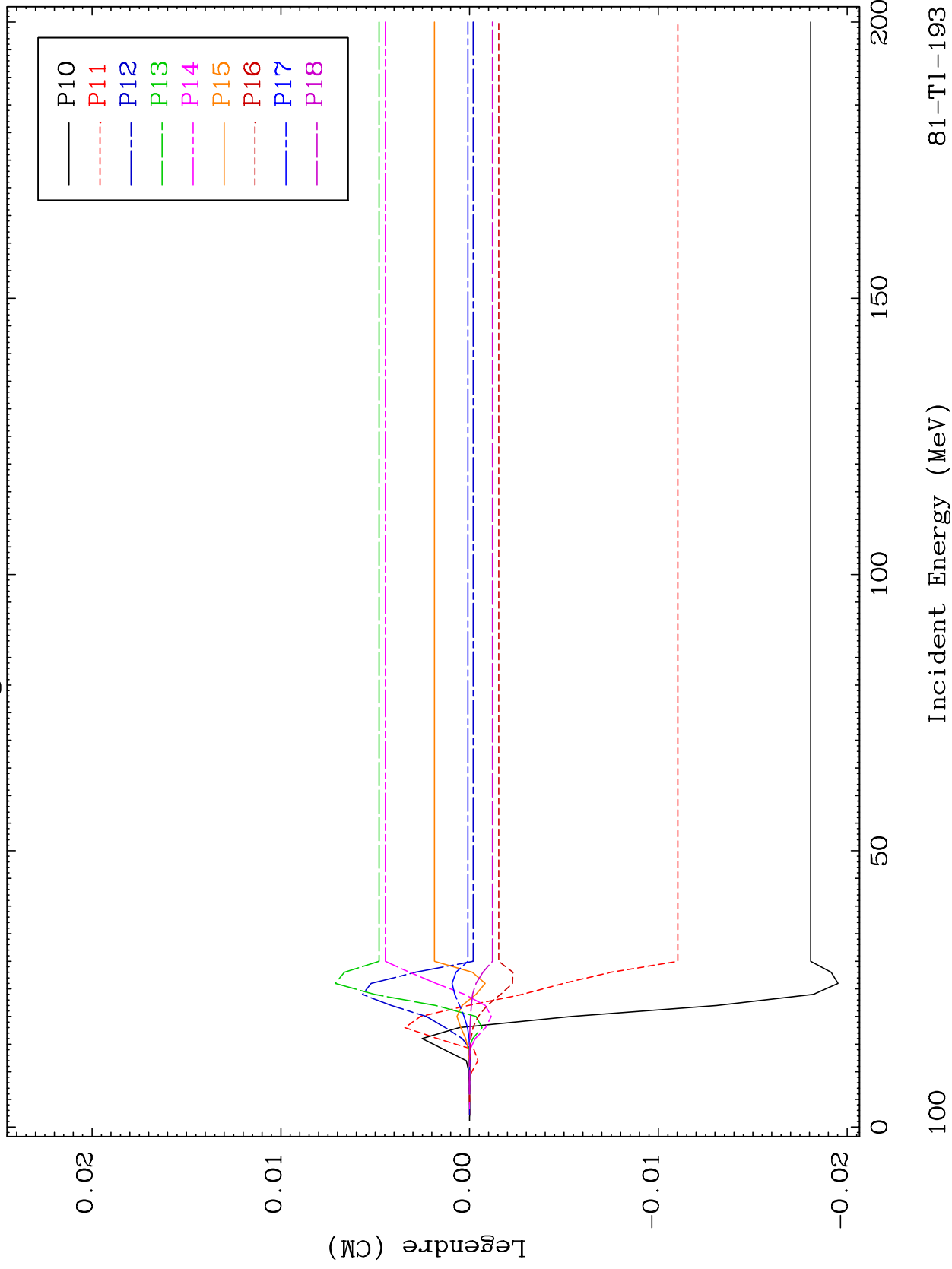
81-Tl-193



MAT 8095

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

81-Tl-193



81-Tl-193

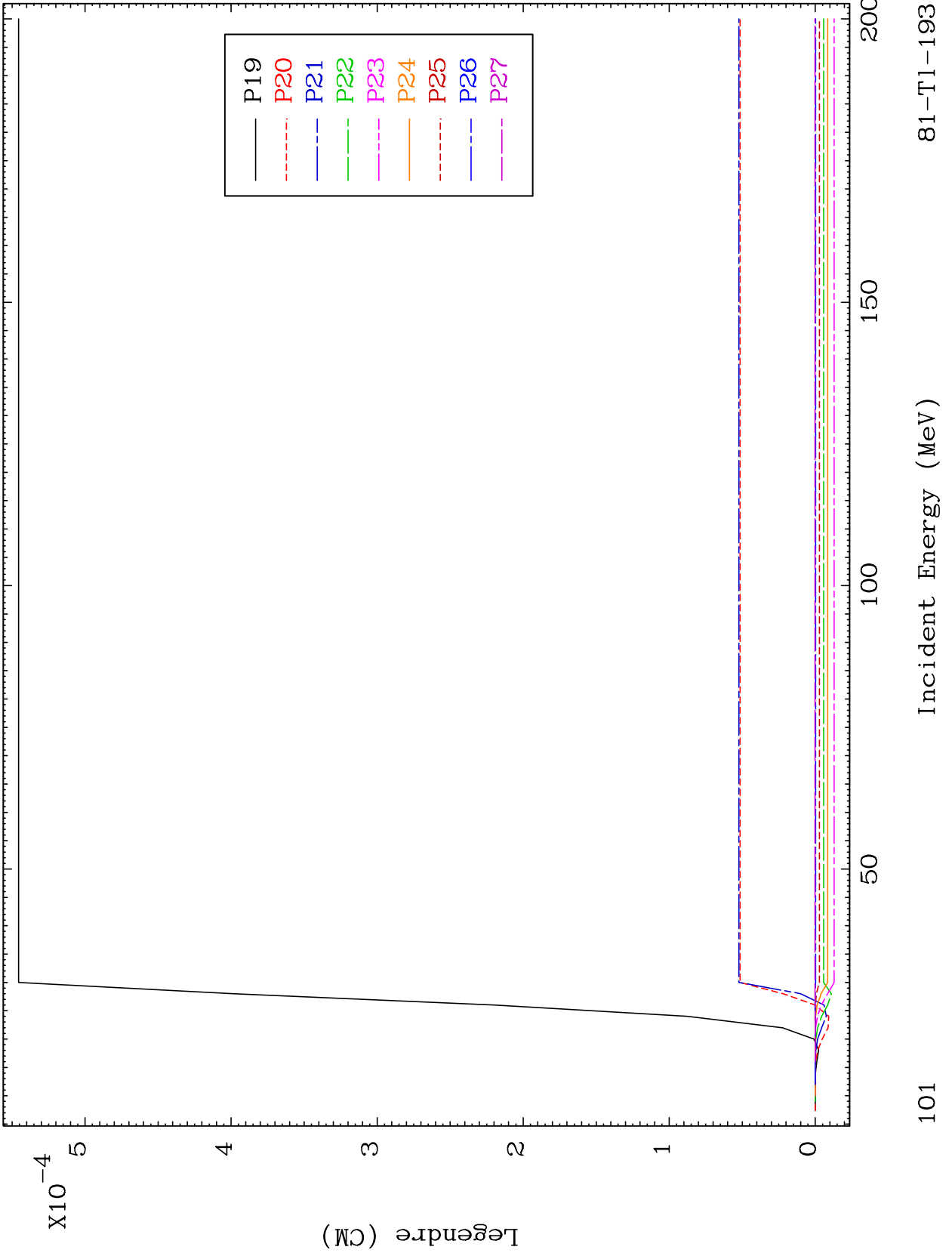
Incident Energy (MeV)

100

MAT 8095

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

81-T1-193



101

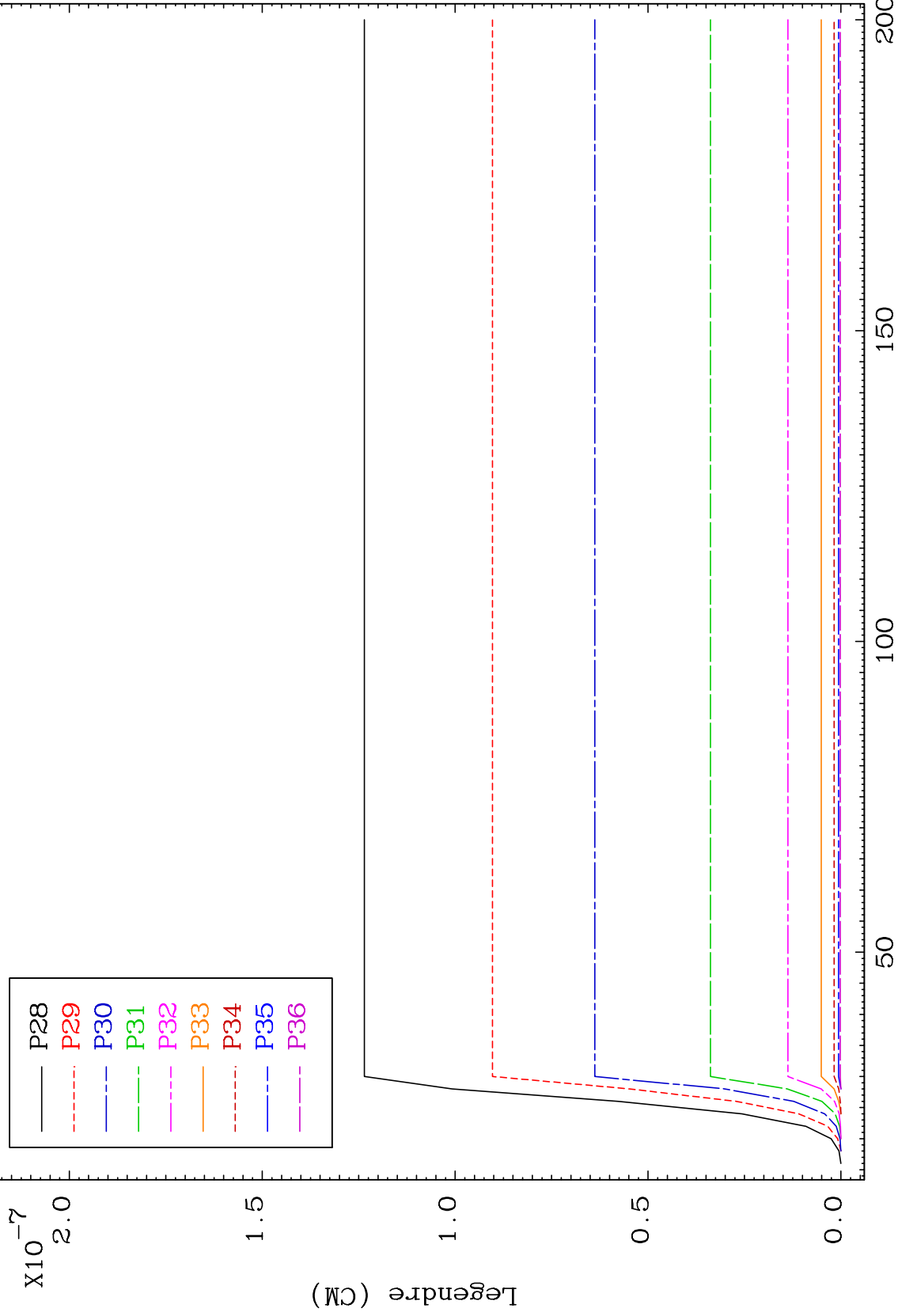
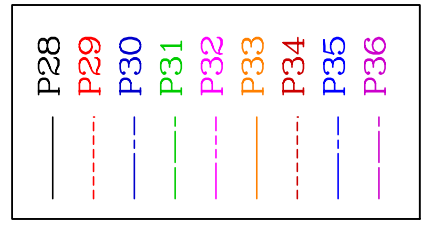
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-Tl-193



102

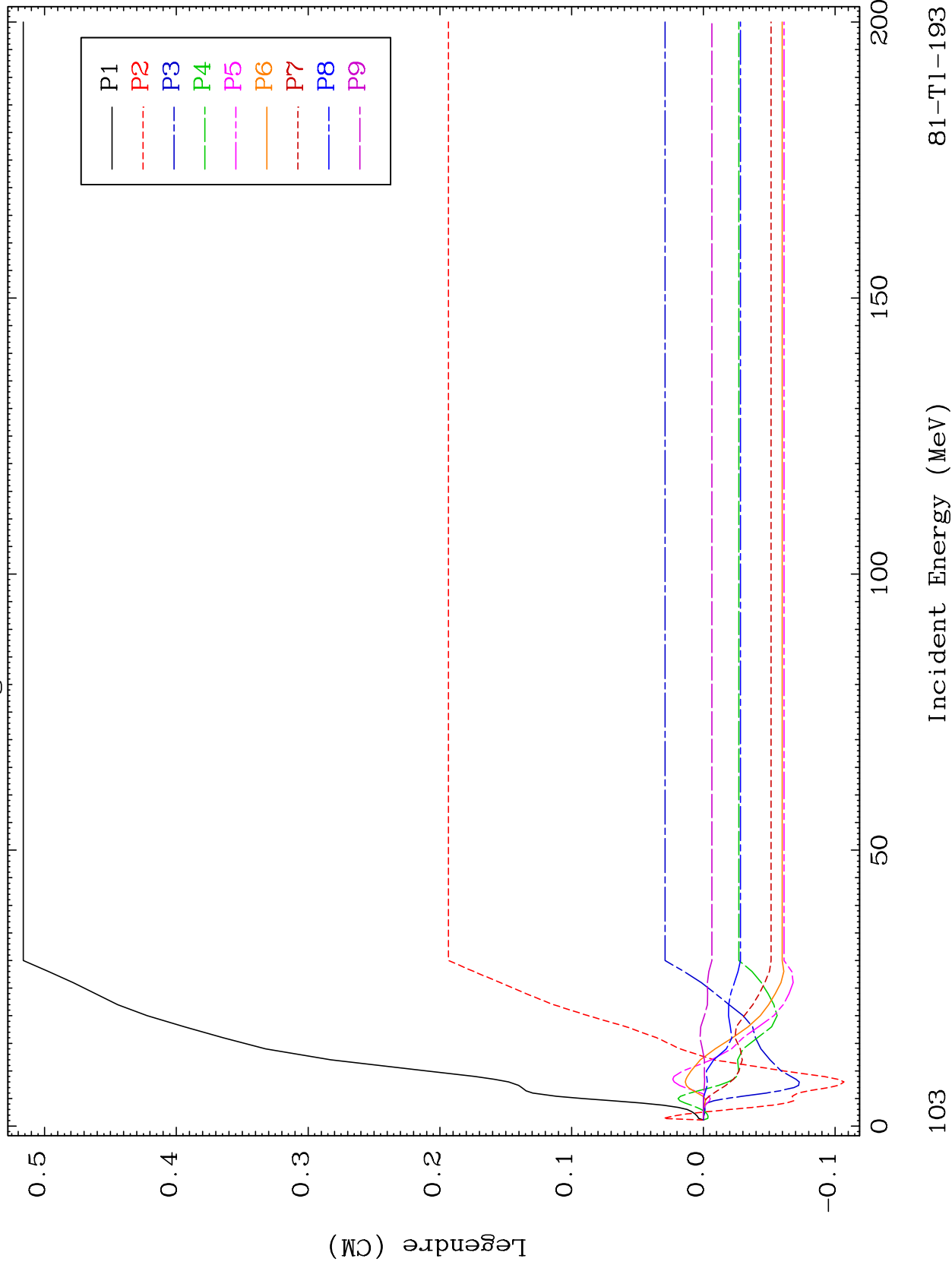
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

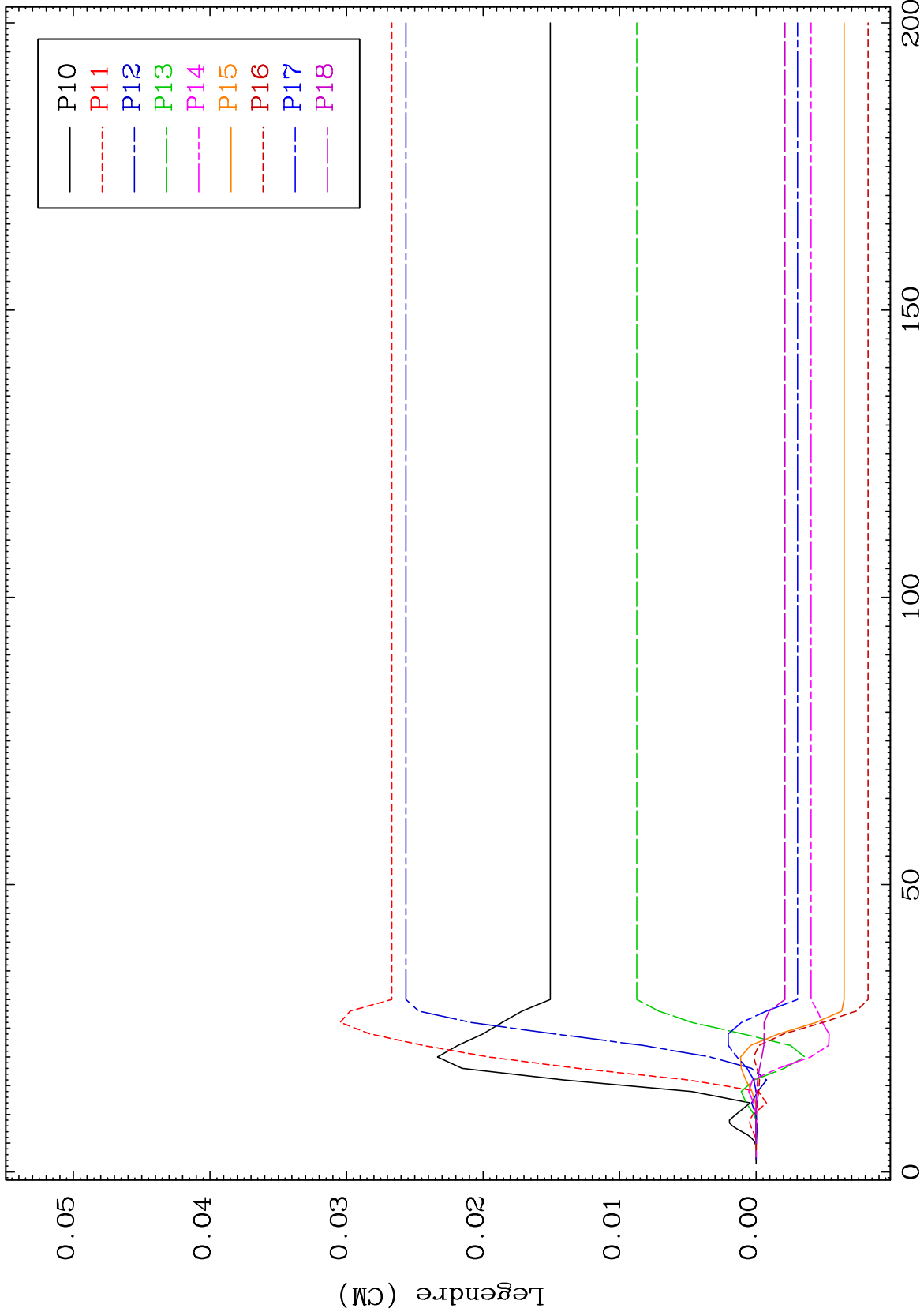
81-Tl-193



MAT 8095

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

81-T1-193



104

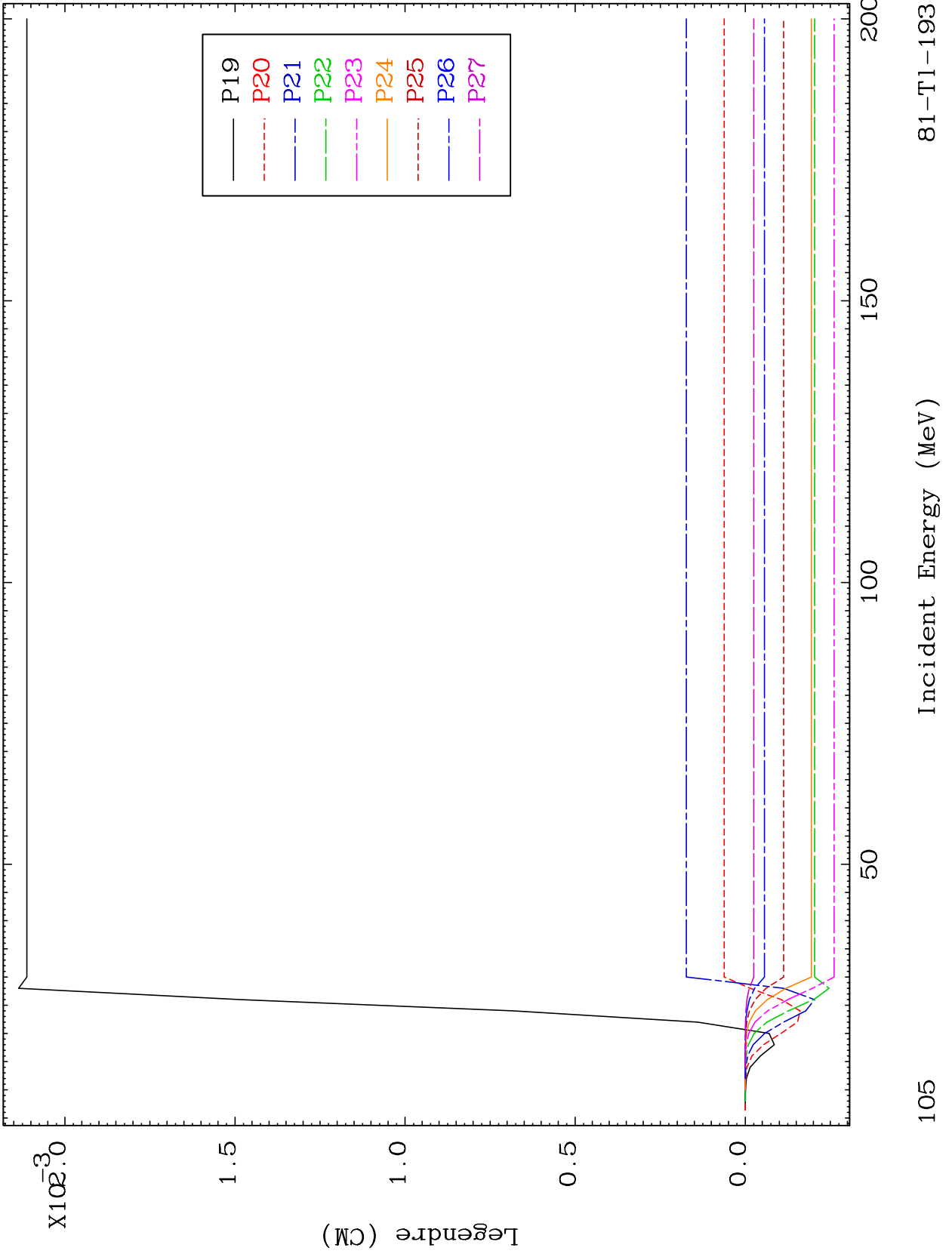
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-Tl-193



105

Incident Energy (MeV)

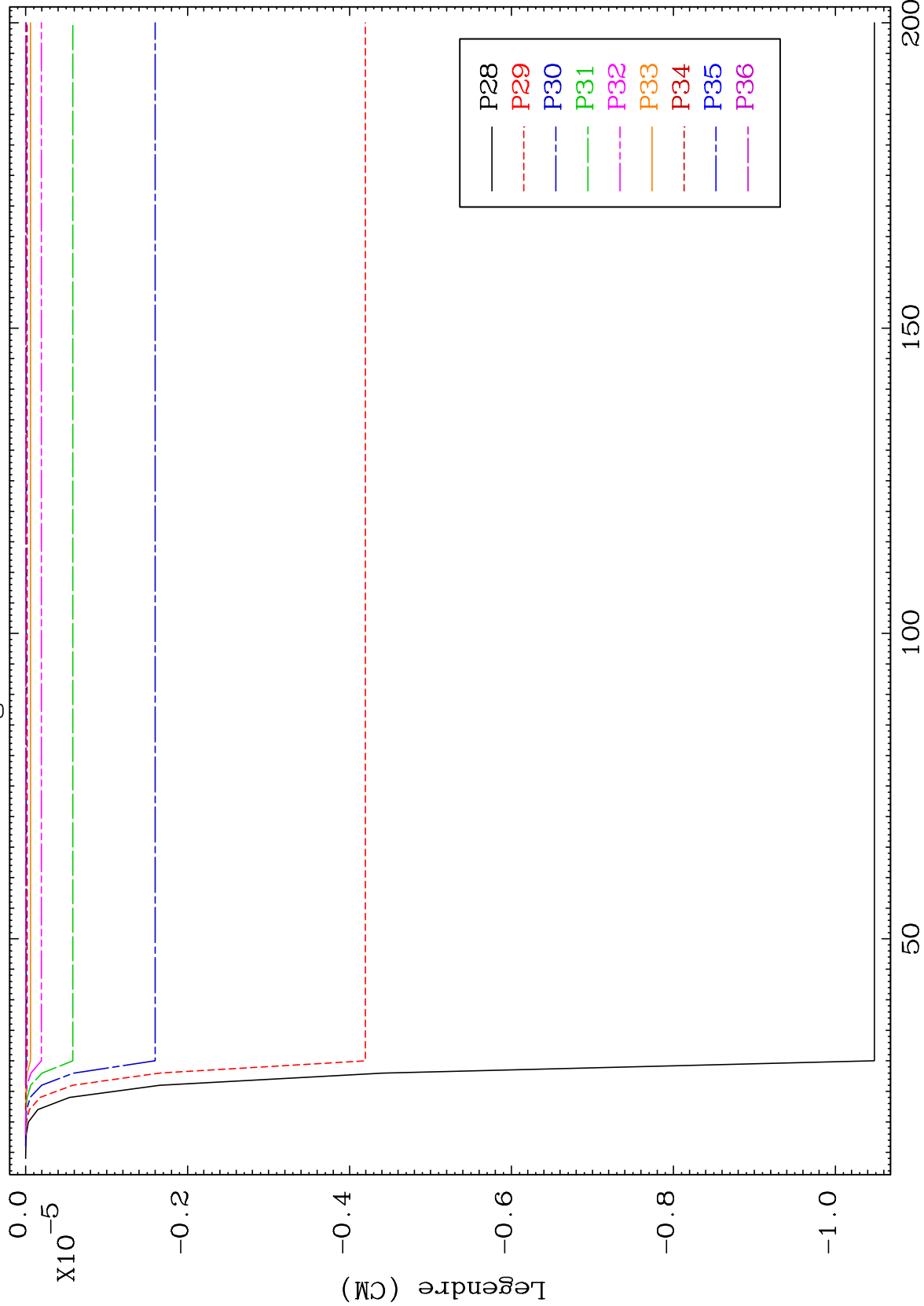
81-Tl-193

MAT 8095

MT= 72 (n,n') Level

81-Tl-193

Legendre Coefficients



81-Tl-193

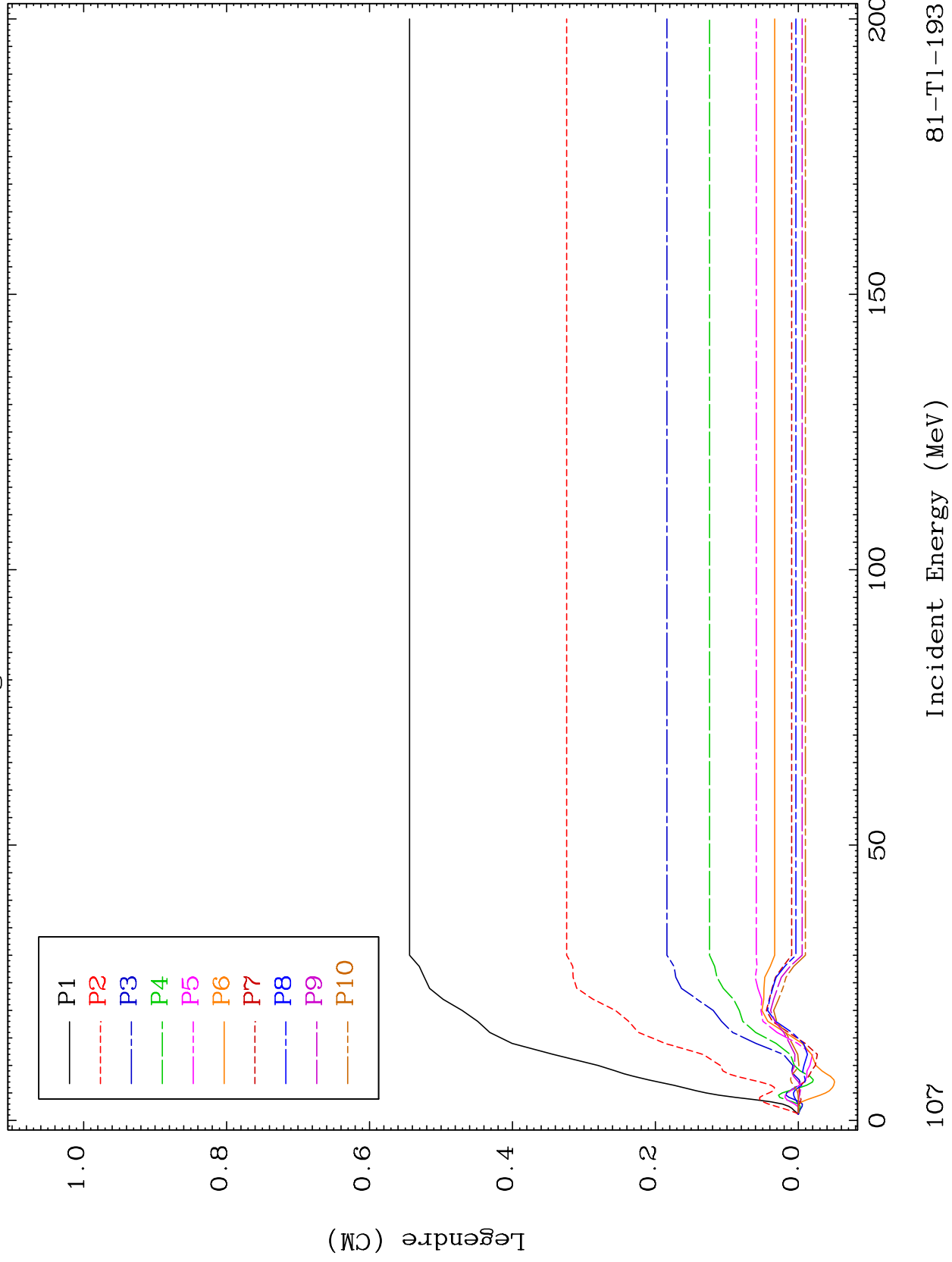
Incident Energy (MeV)

106

MAT 8095

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

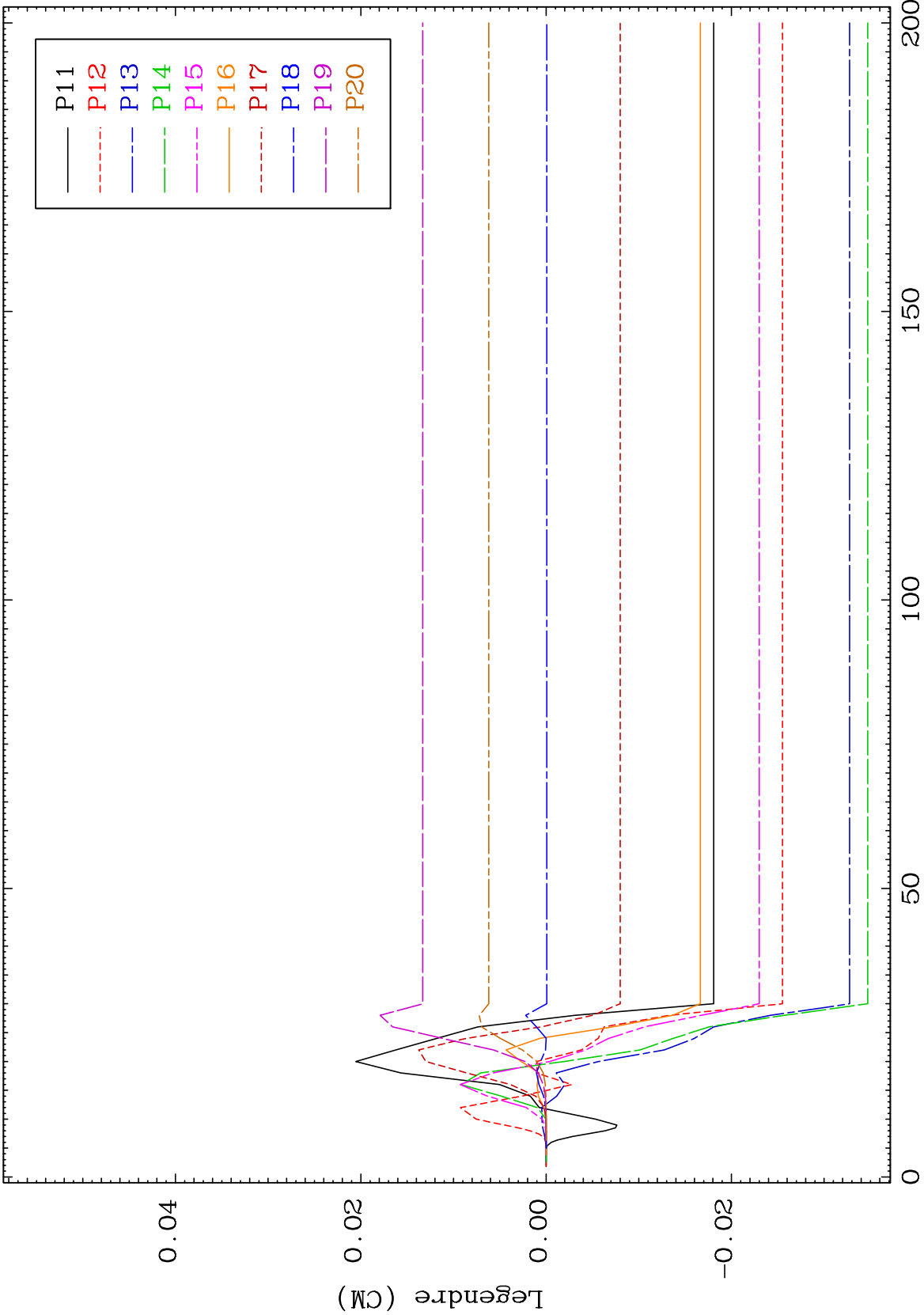
81-T1-193



MAT 8095

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

81-Tl-193



108

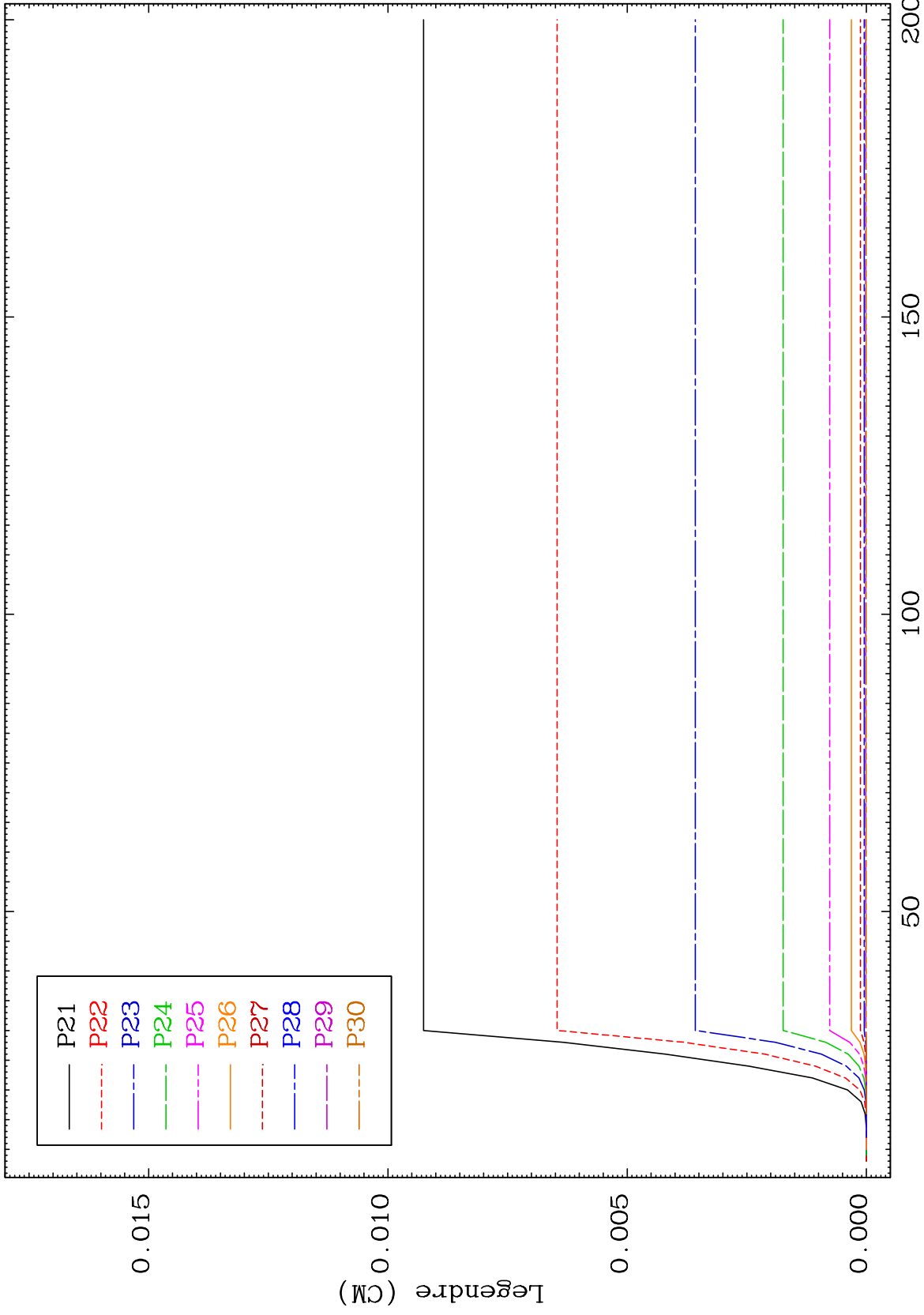
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



109

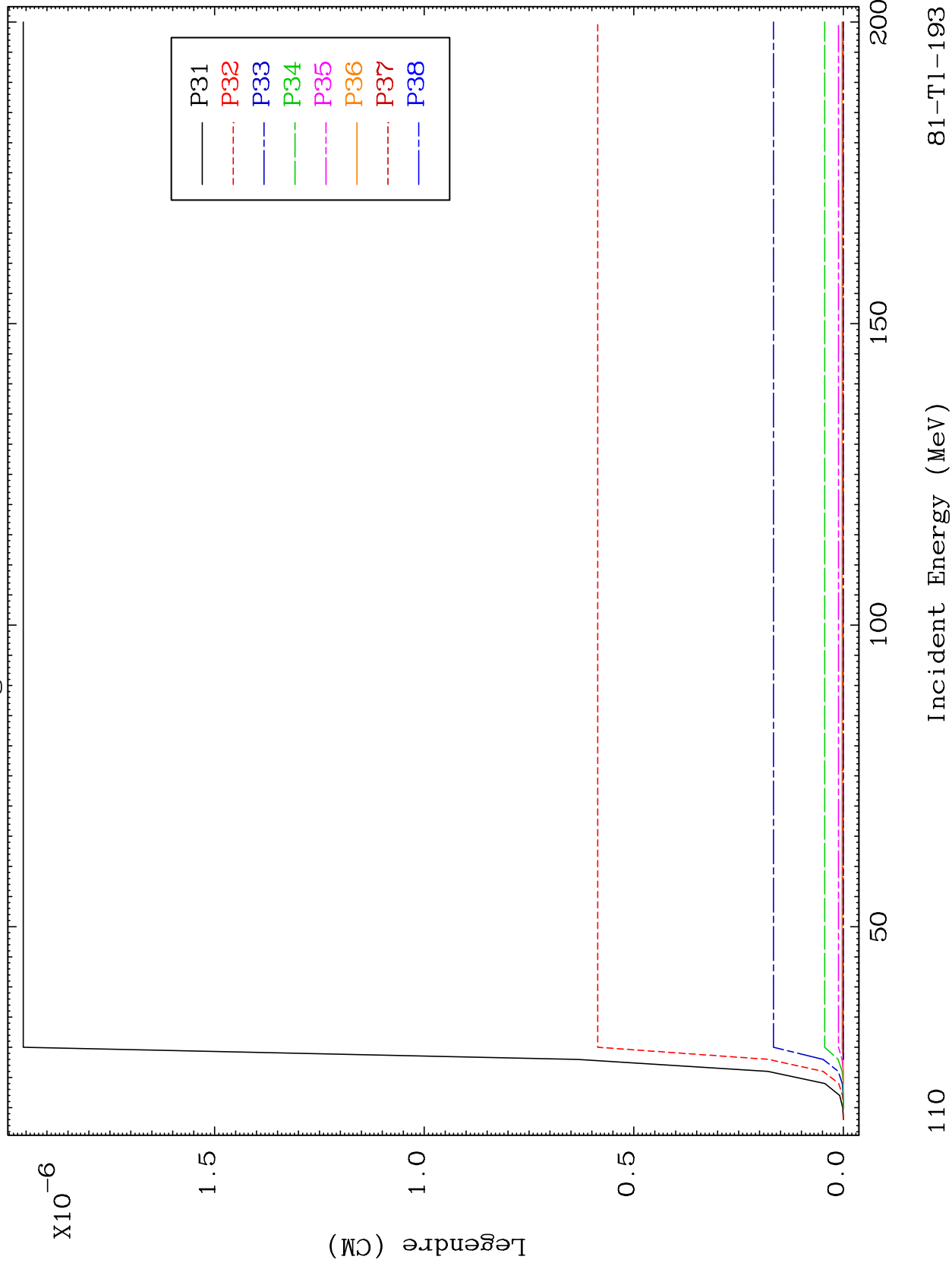
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-T1-193



81-T1-193

Incident Energy (MeV)

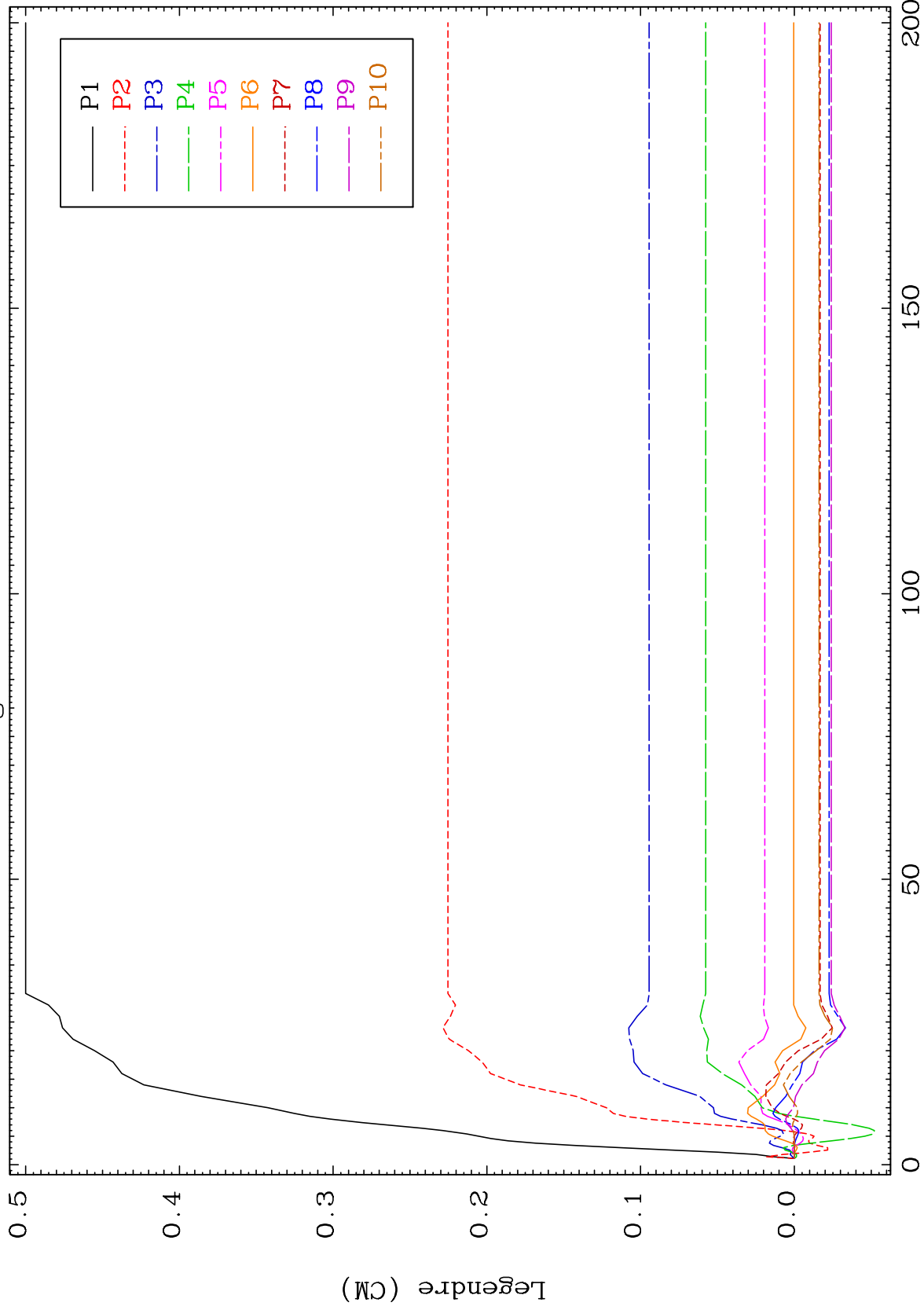
110

MAT 8095

MT= 74 (n,n') Level

81-Tl-193

Legendre Coefficients



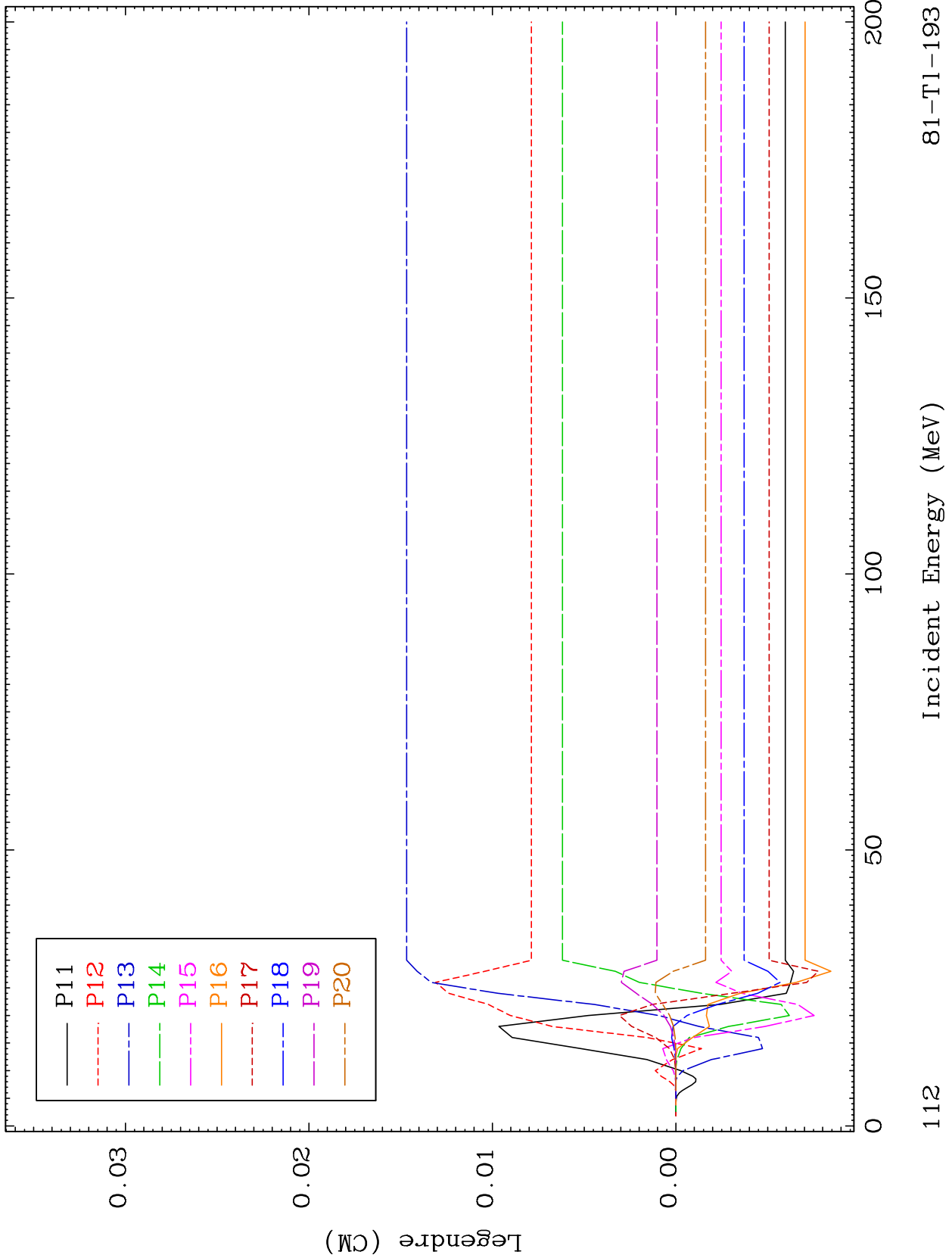
111

81-Tl-193

MAT 8095

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

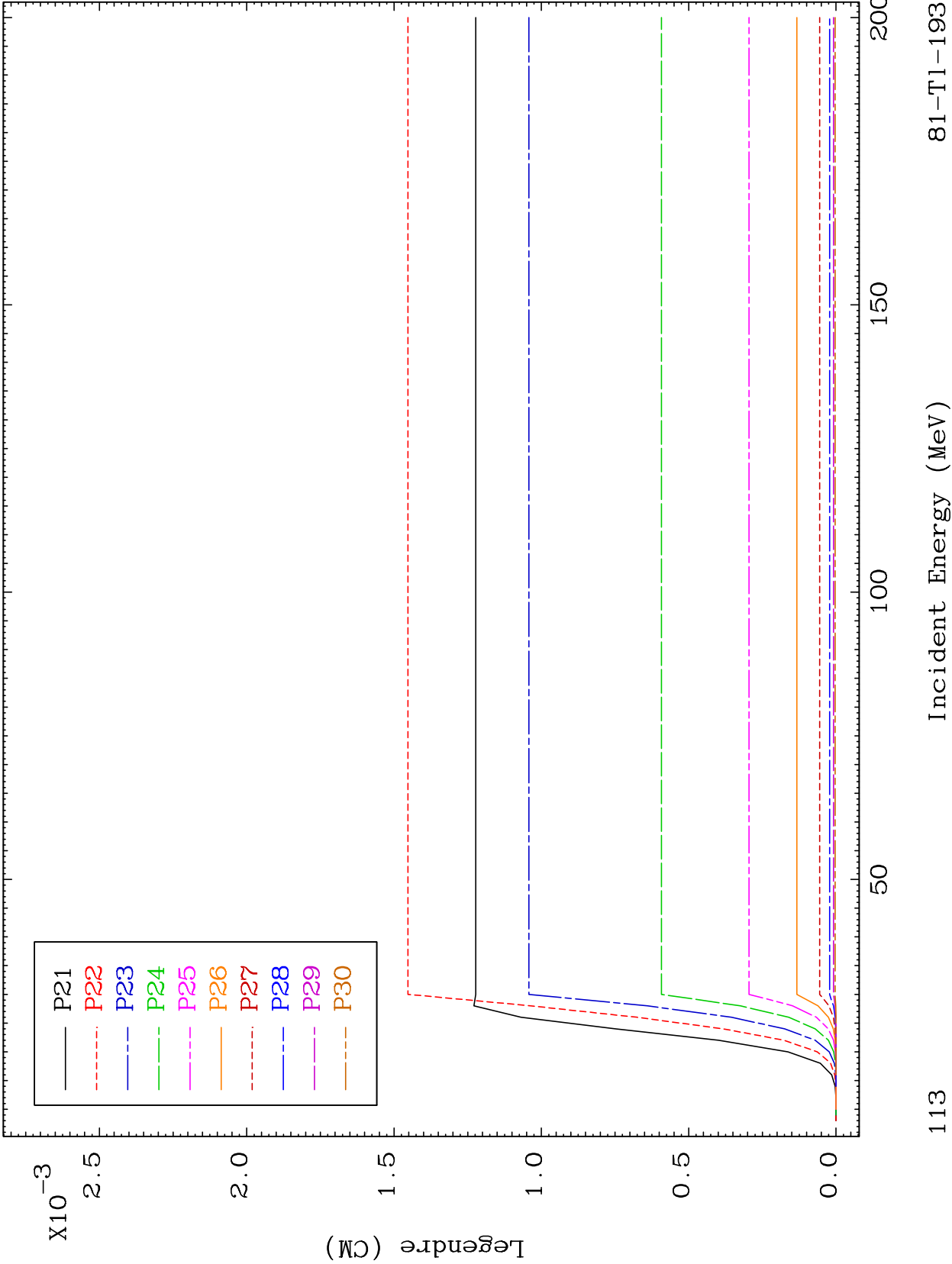
81-Tl-193



112

Incident Energy (MeV)

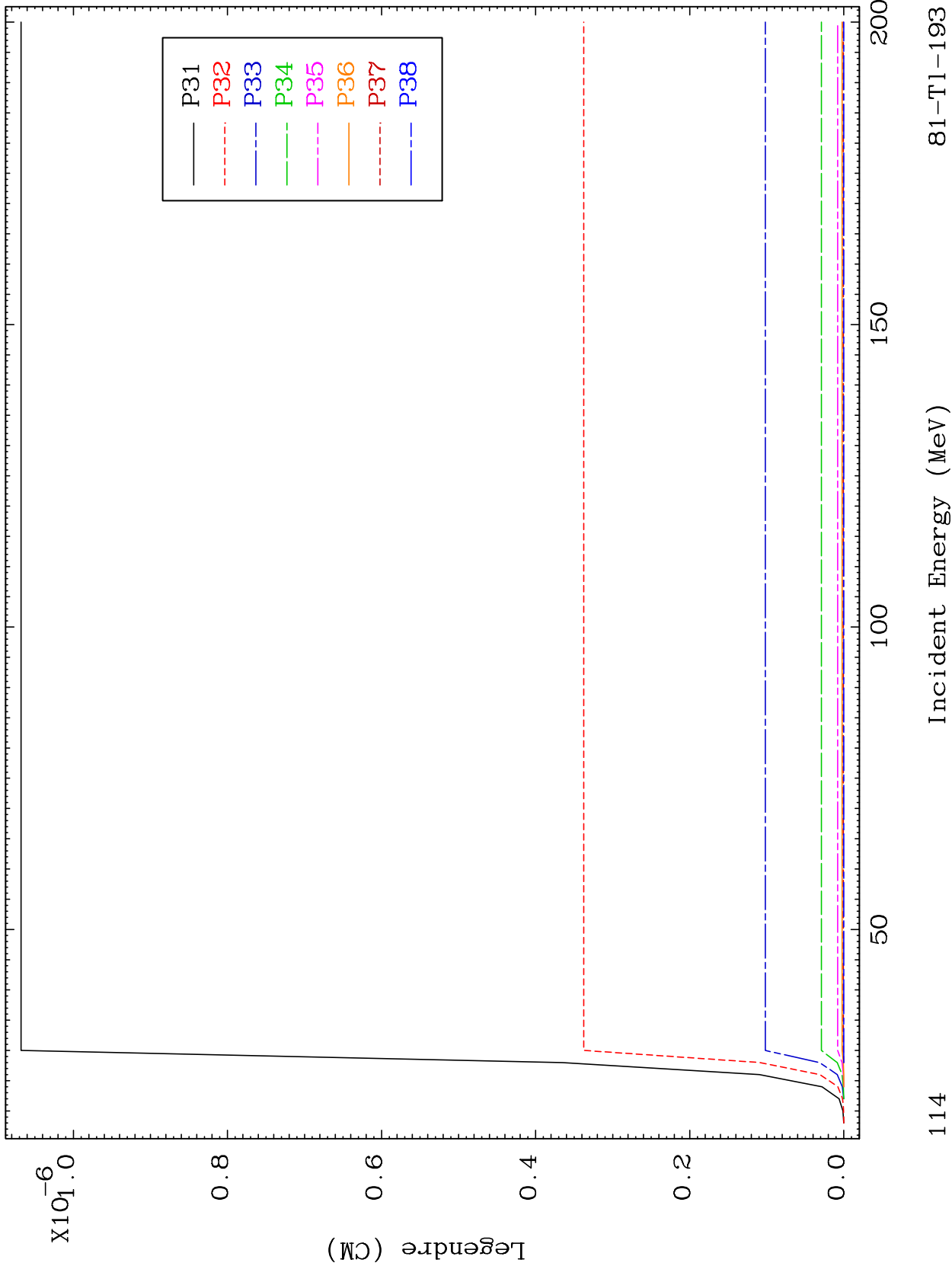
81-Tl-193



MAT 8095

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

81-Tl-193



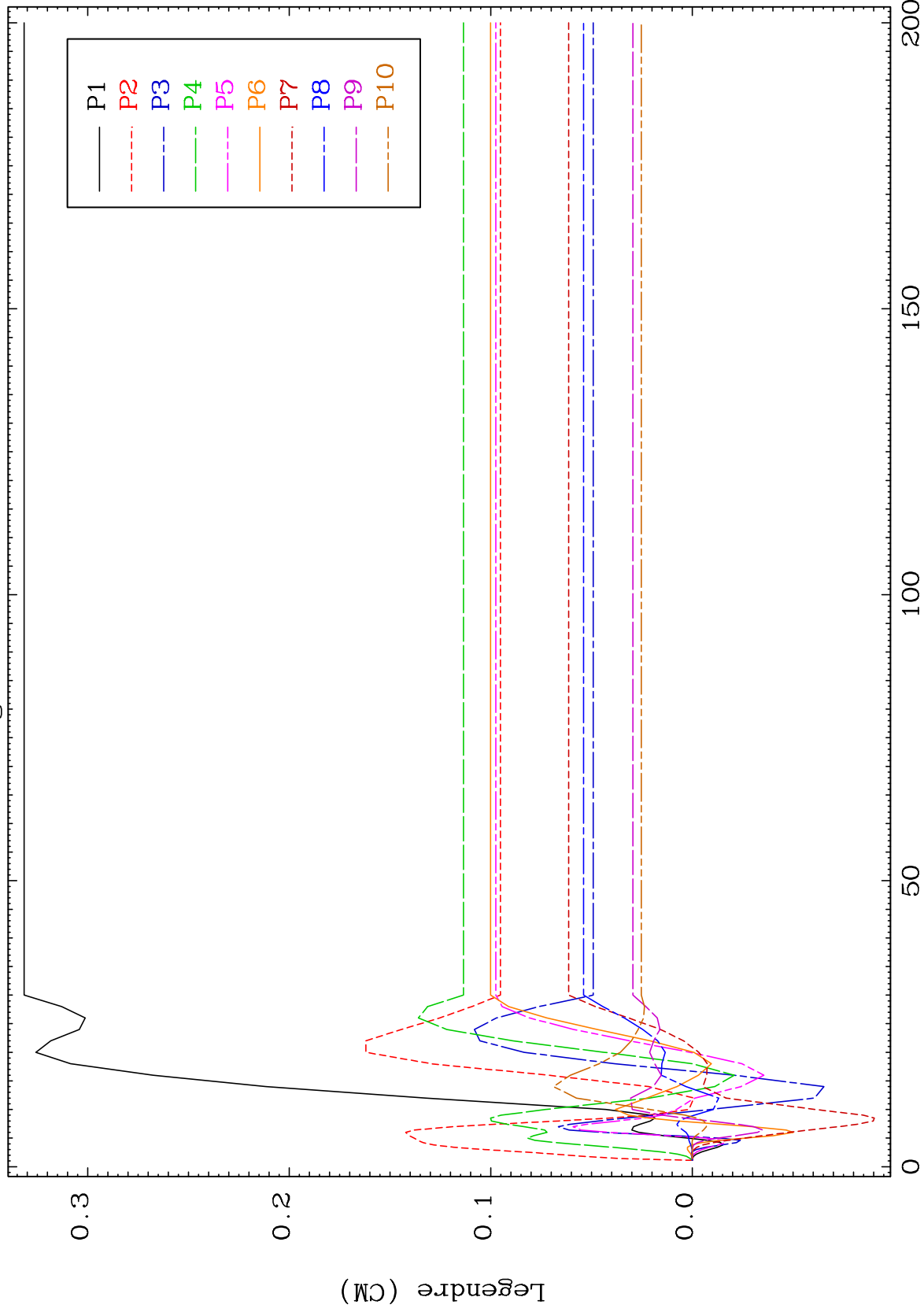
114

81-Tl-193

MAT 8095

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

81-Tl-193



115

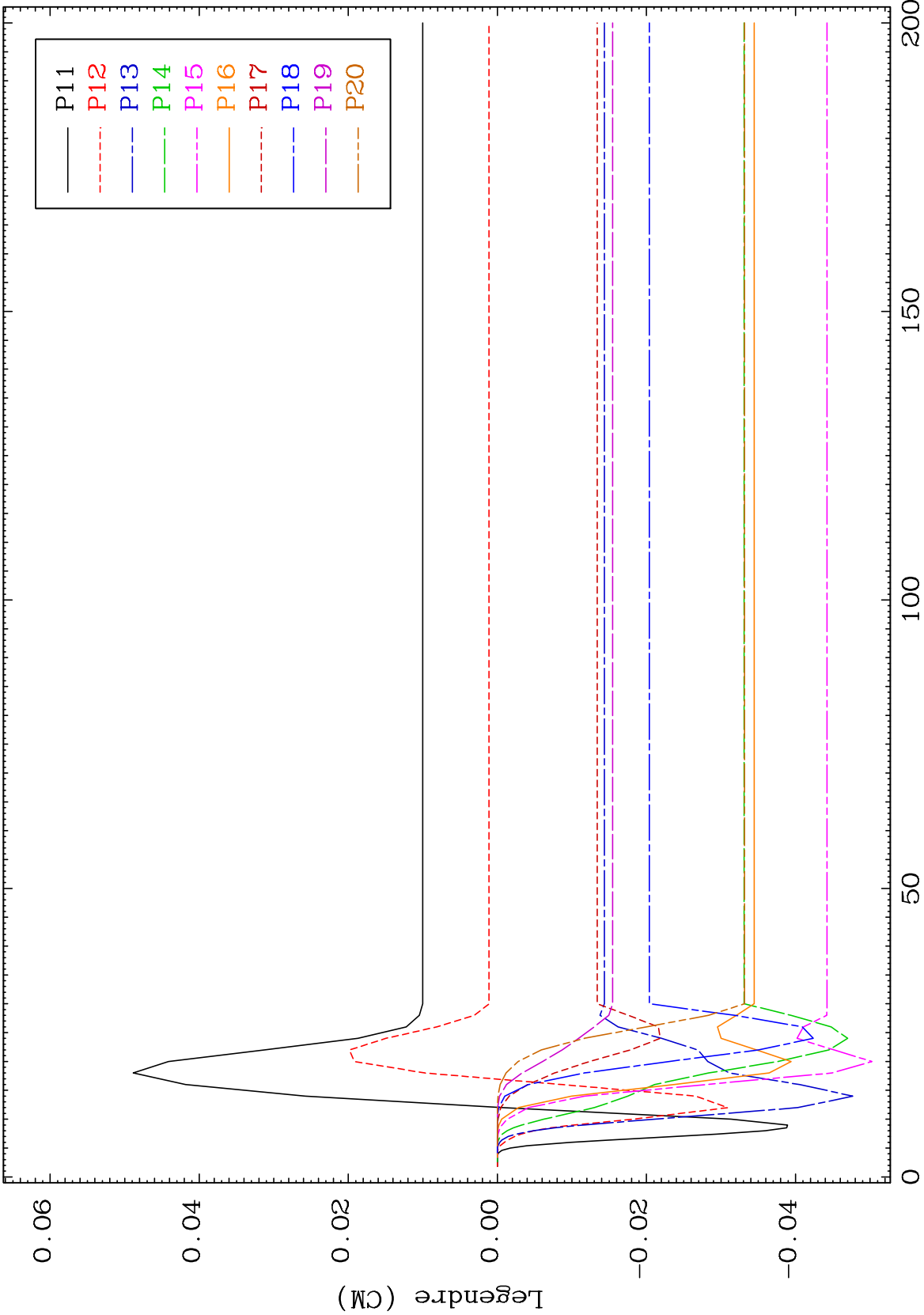
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

81-Tl-193



116

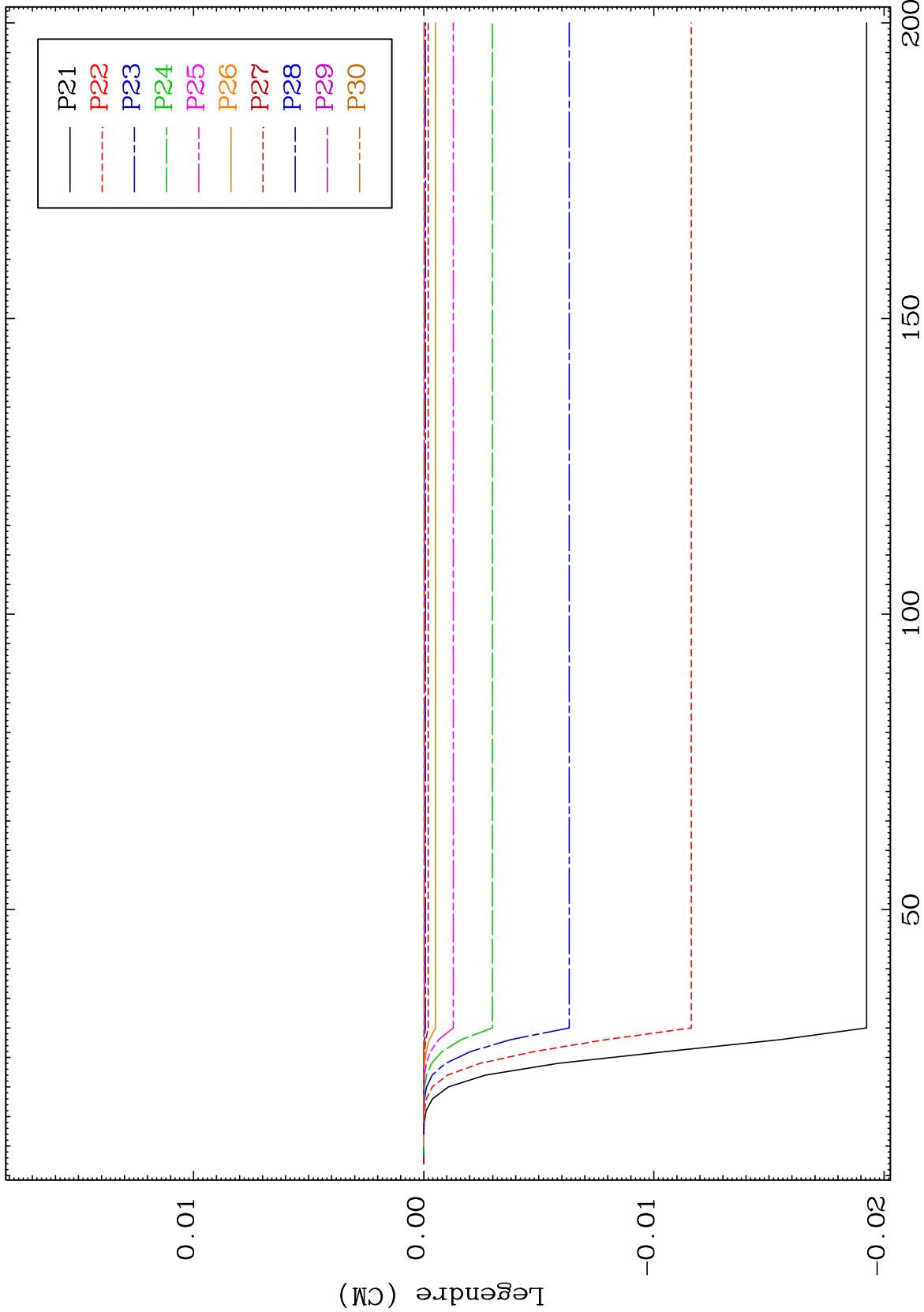
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

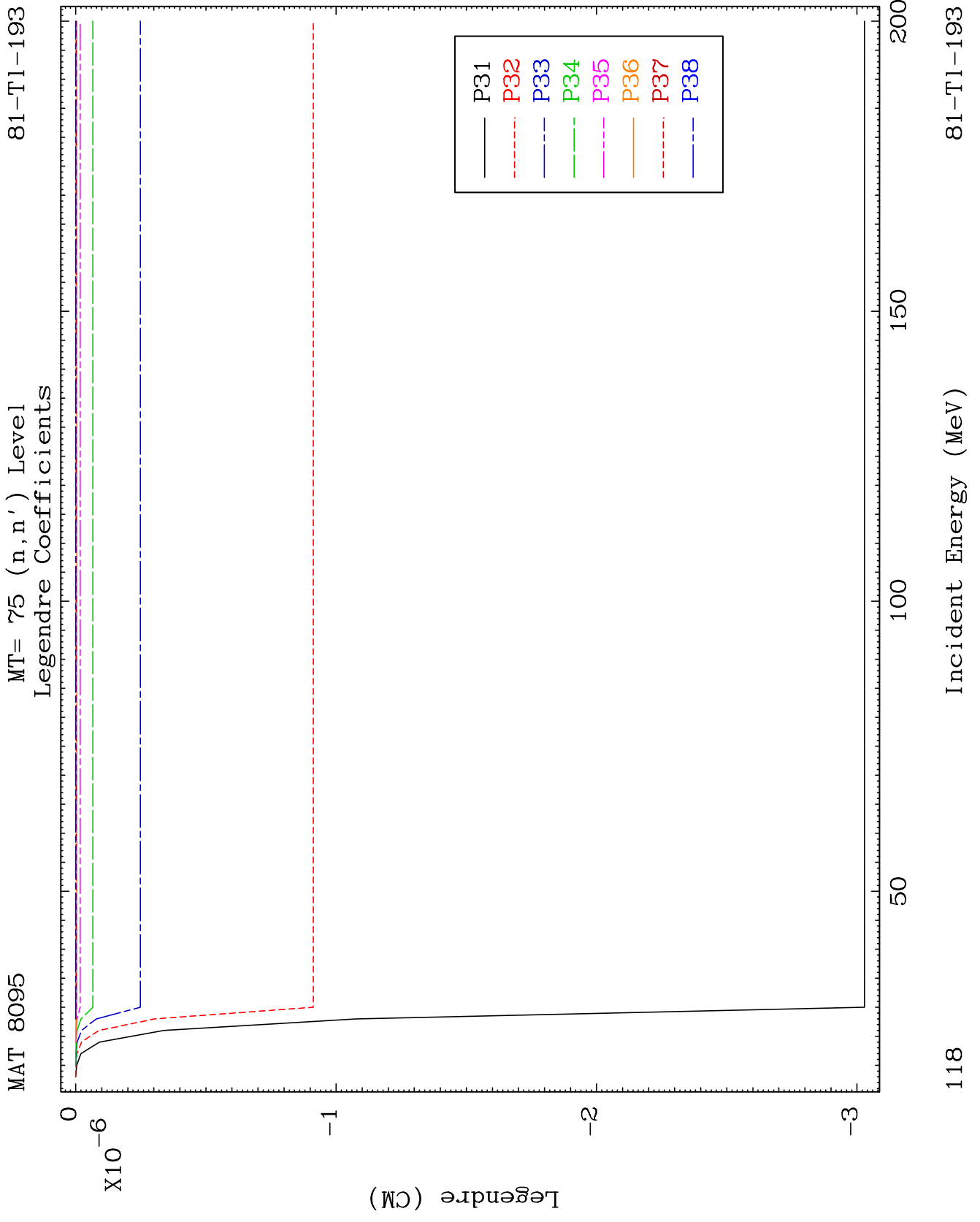
81-T1-193



117

Incident Energy (MeV)

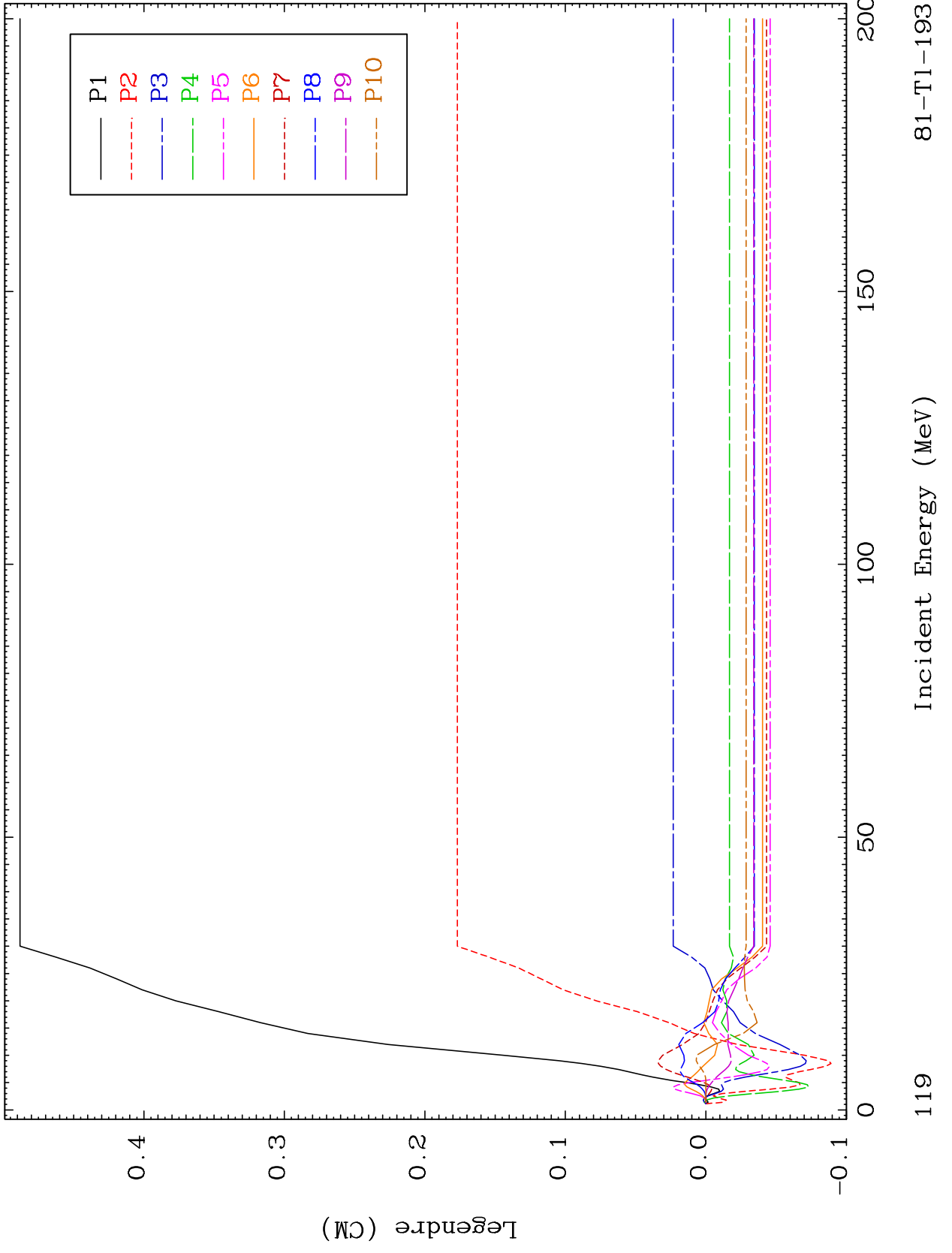
81-T1-193



MAT 8095

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

81-Tl-193



81-Tl-193

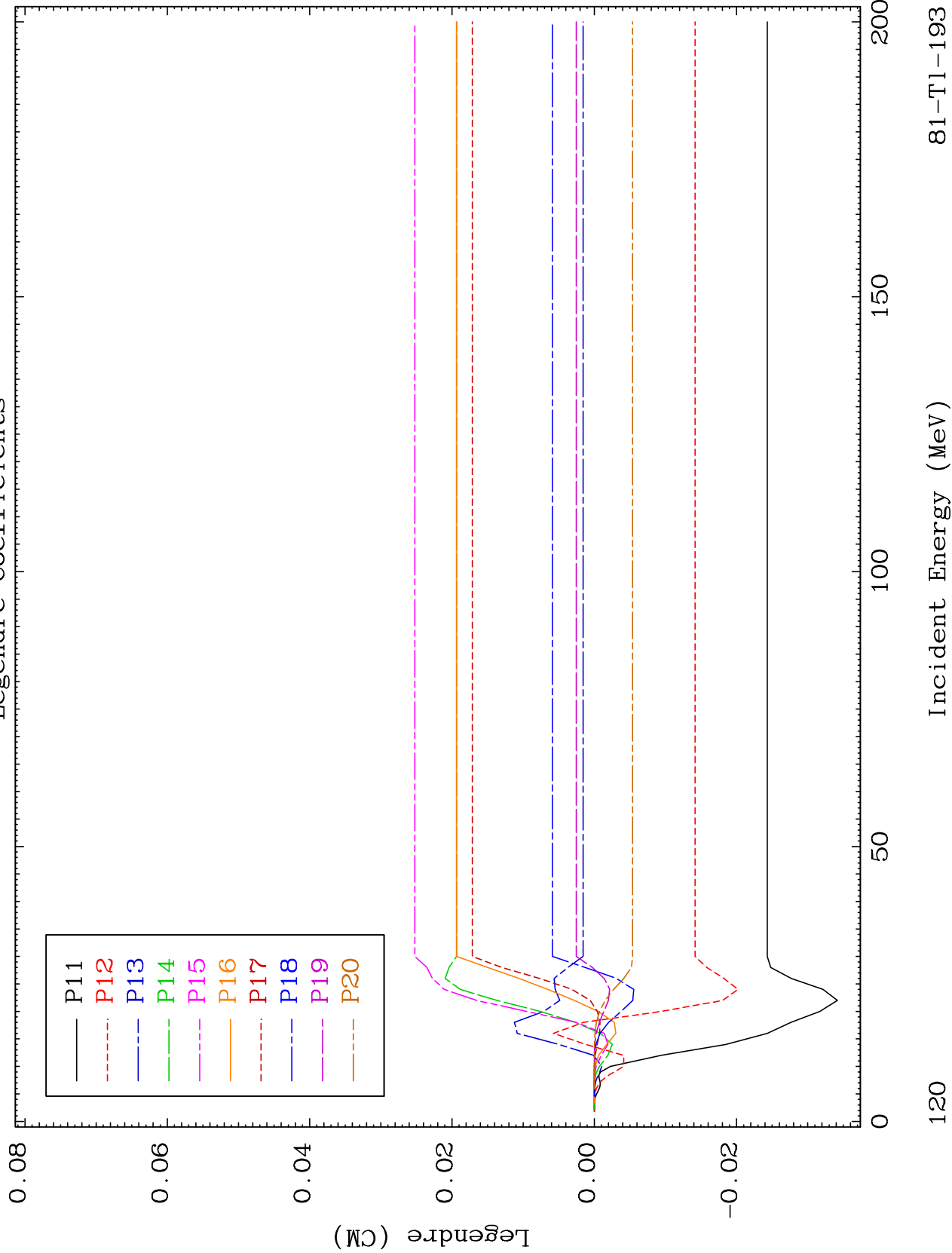
Incident Energy (MeV)

119

MAT 8095

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

81-Tl-193



81-Tl-193

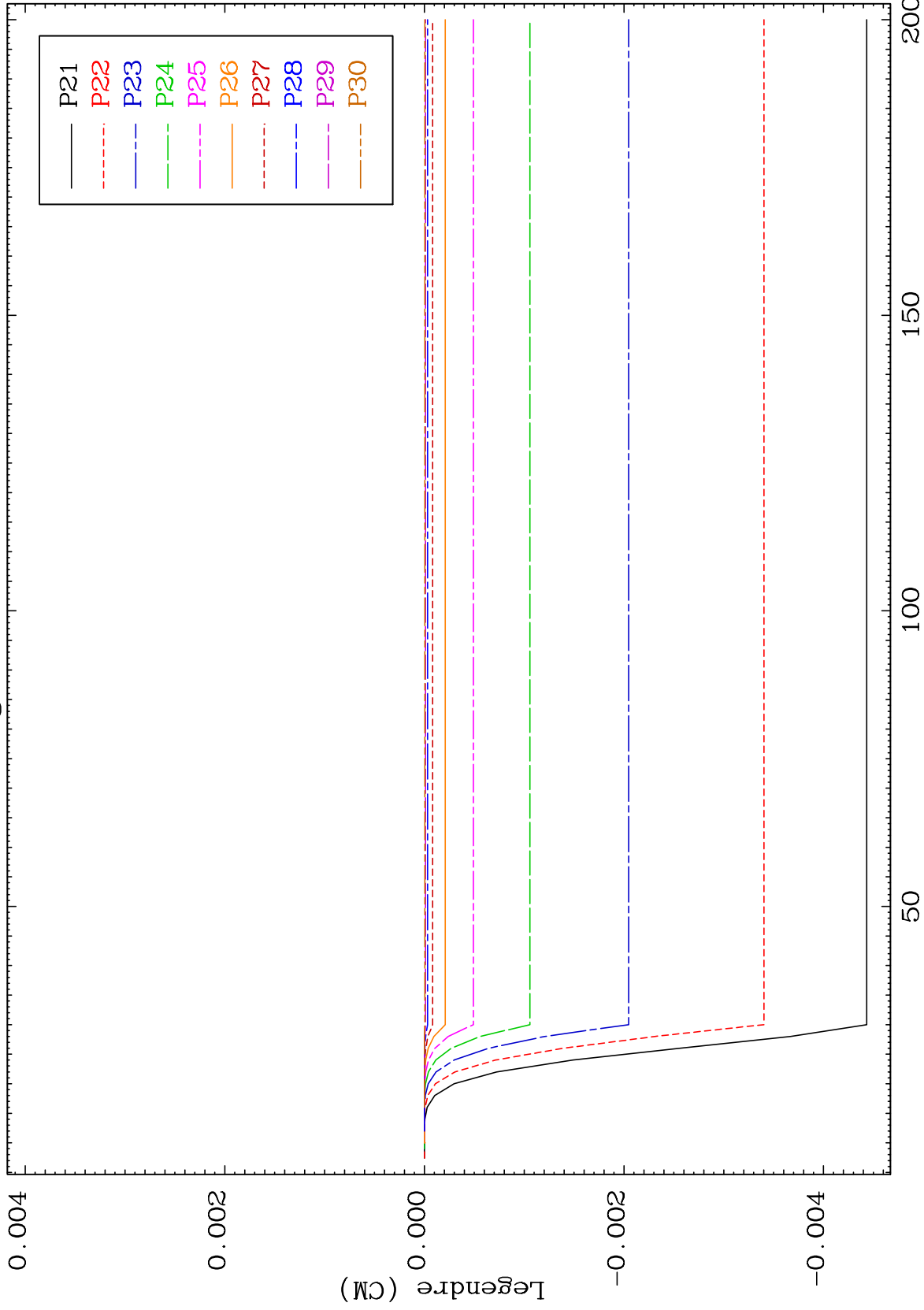
Incident Energy (MeV)

120

MAT 8095

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

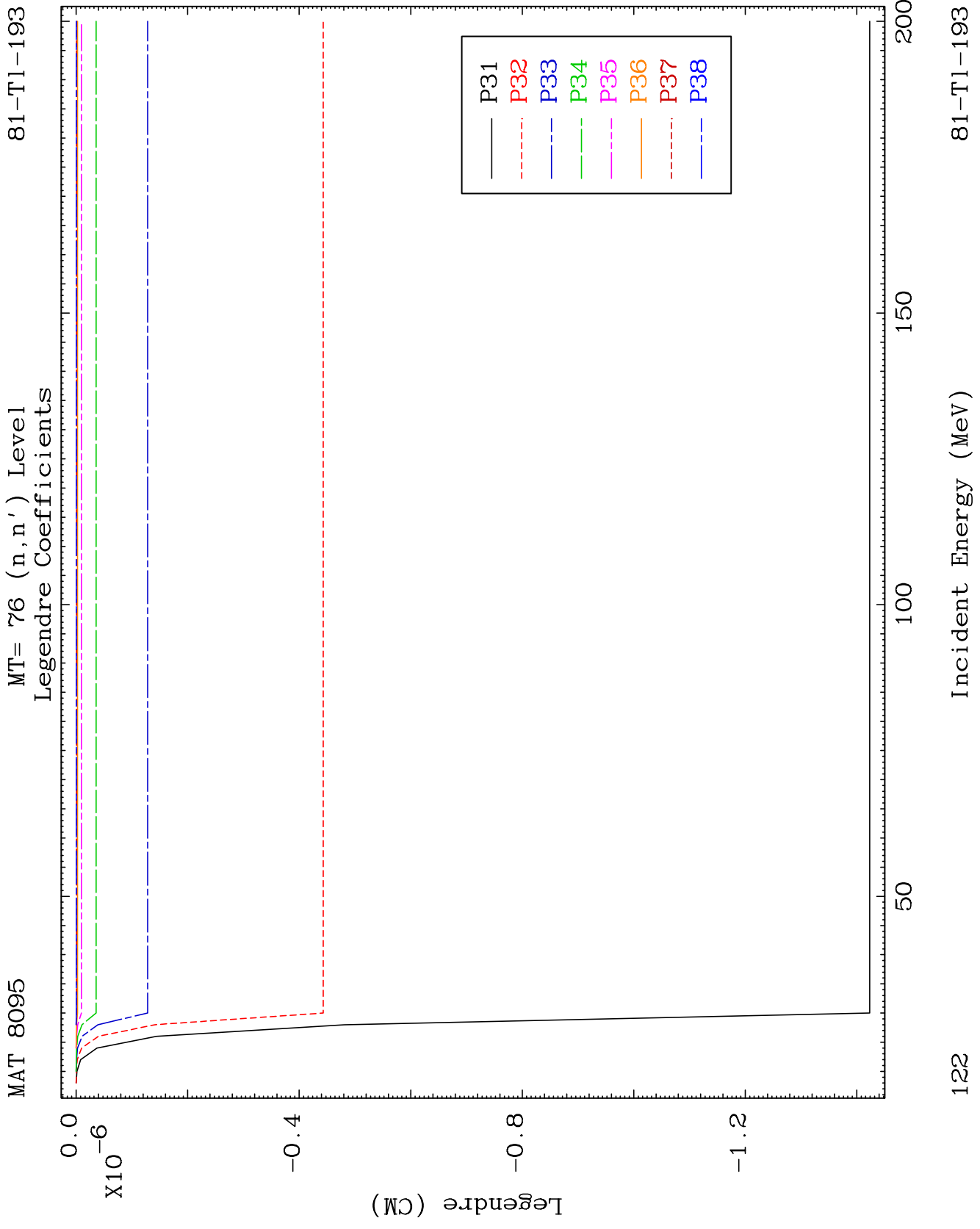
81-T1-193

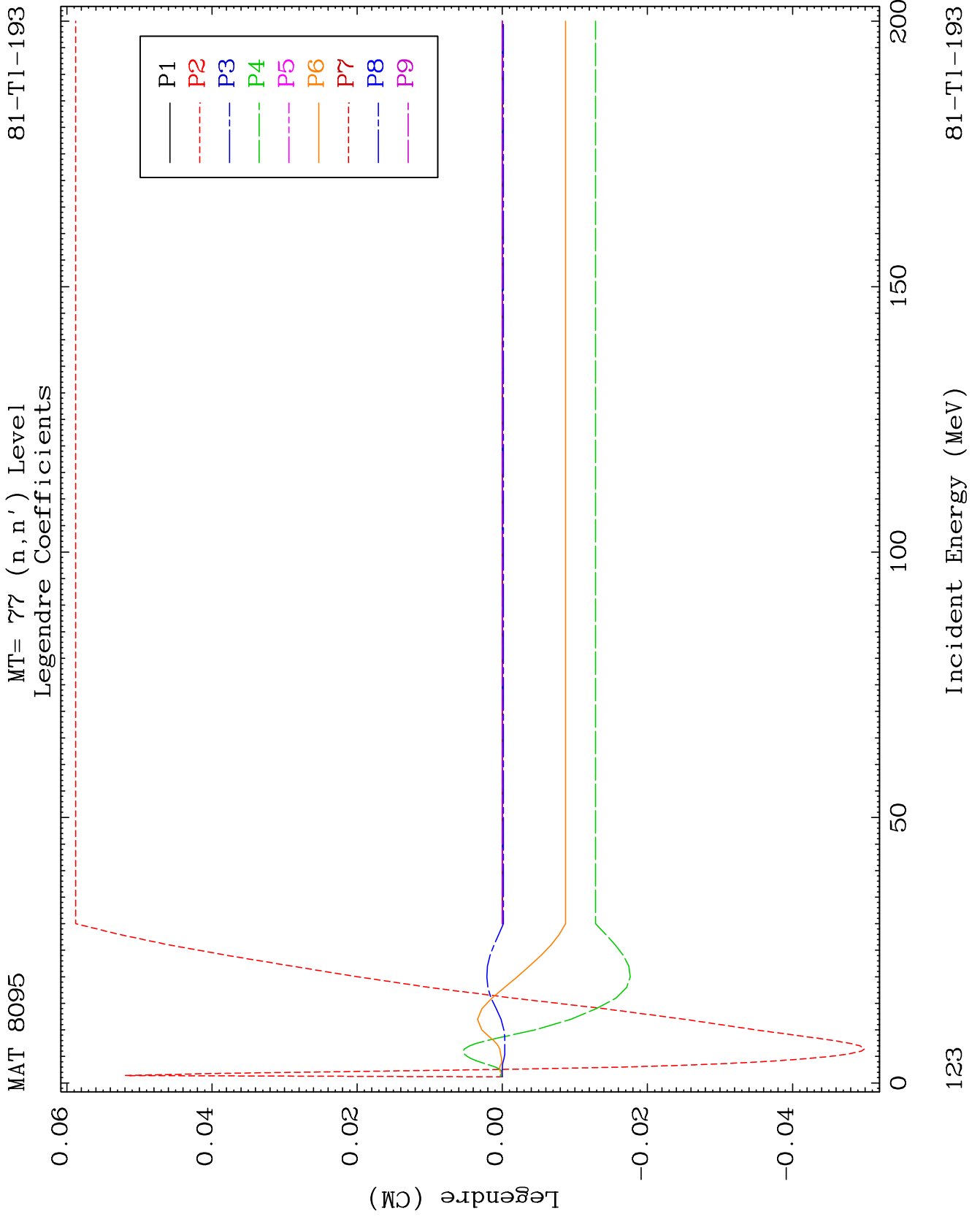


121

Incident Energy (MeV)

81-T1-193

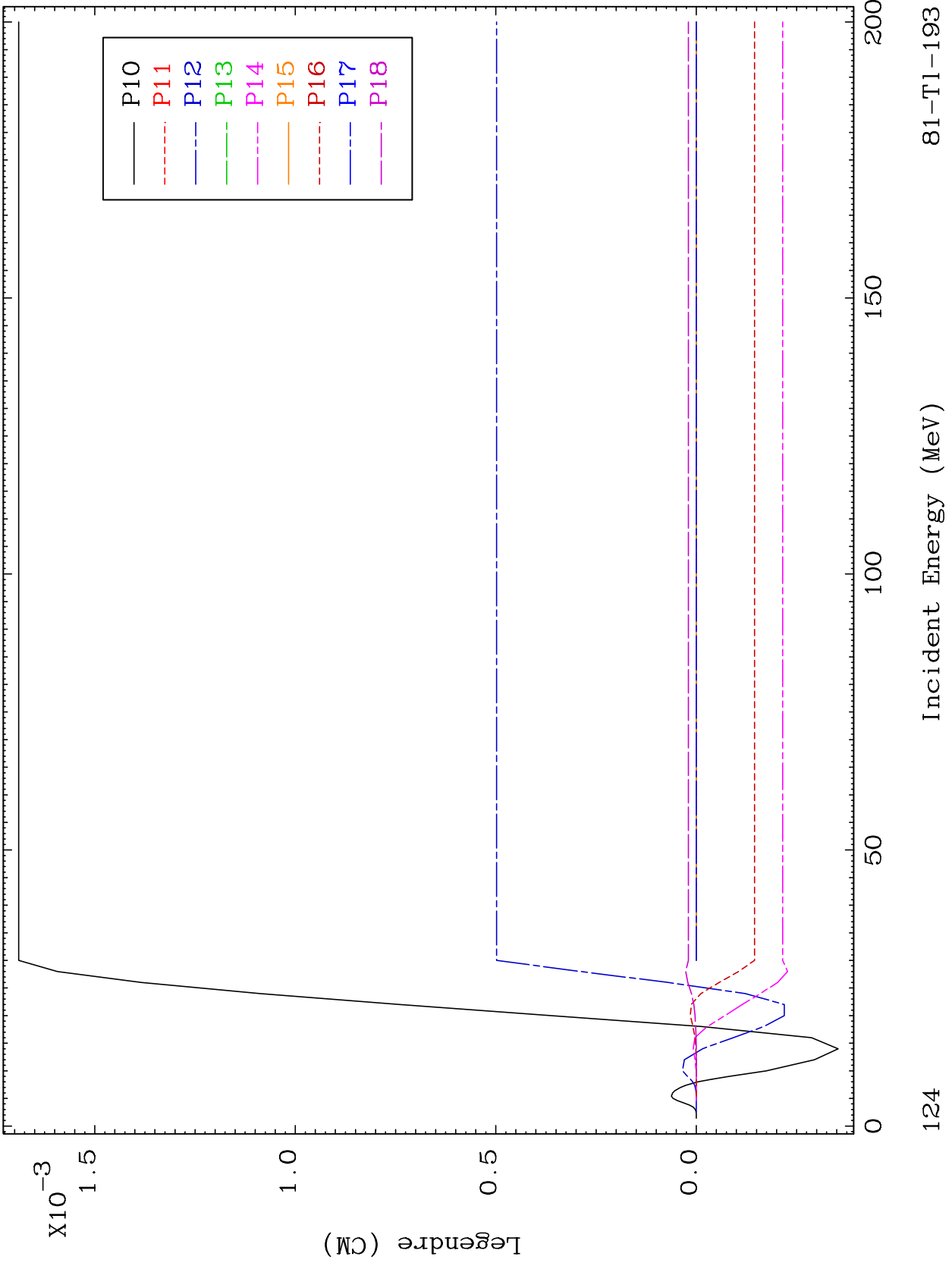


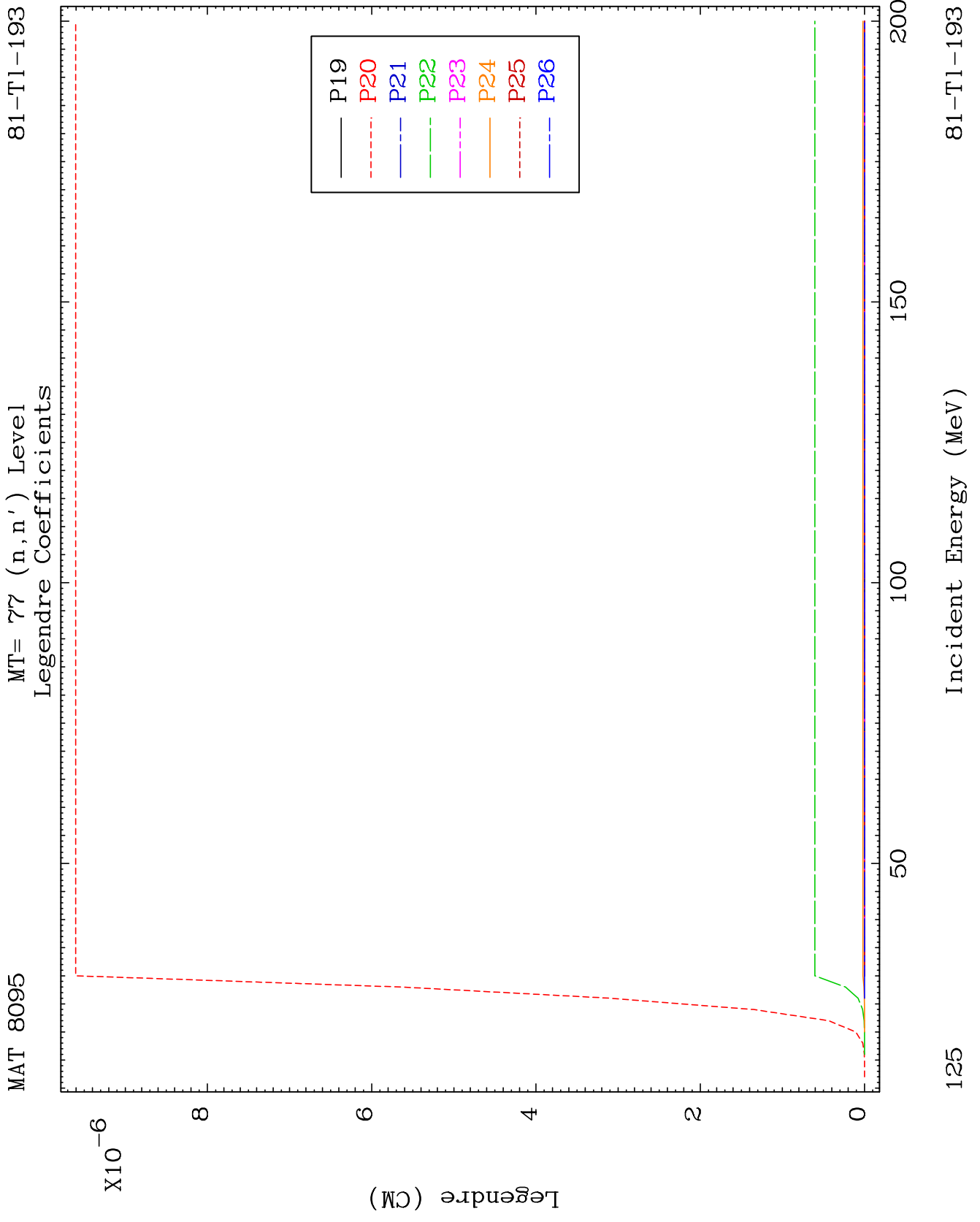


MAT 8095

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

81-Tl-193

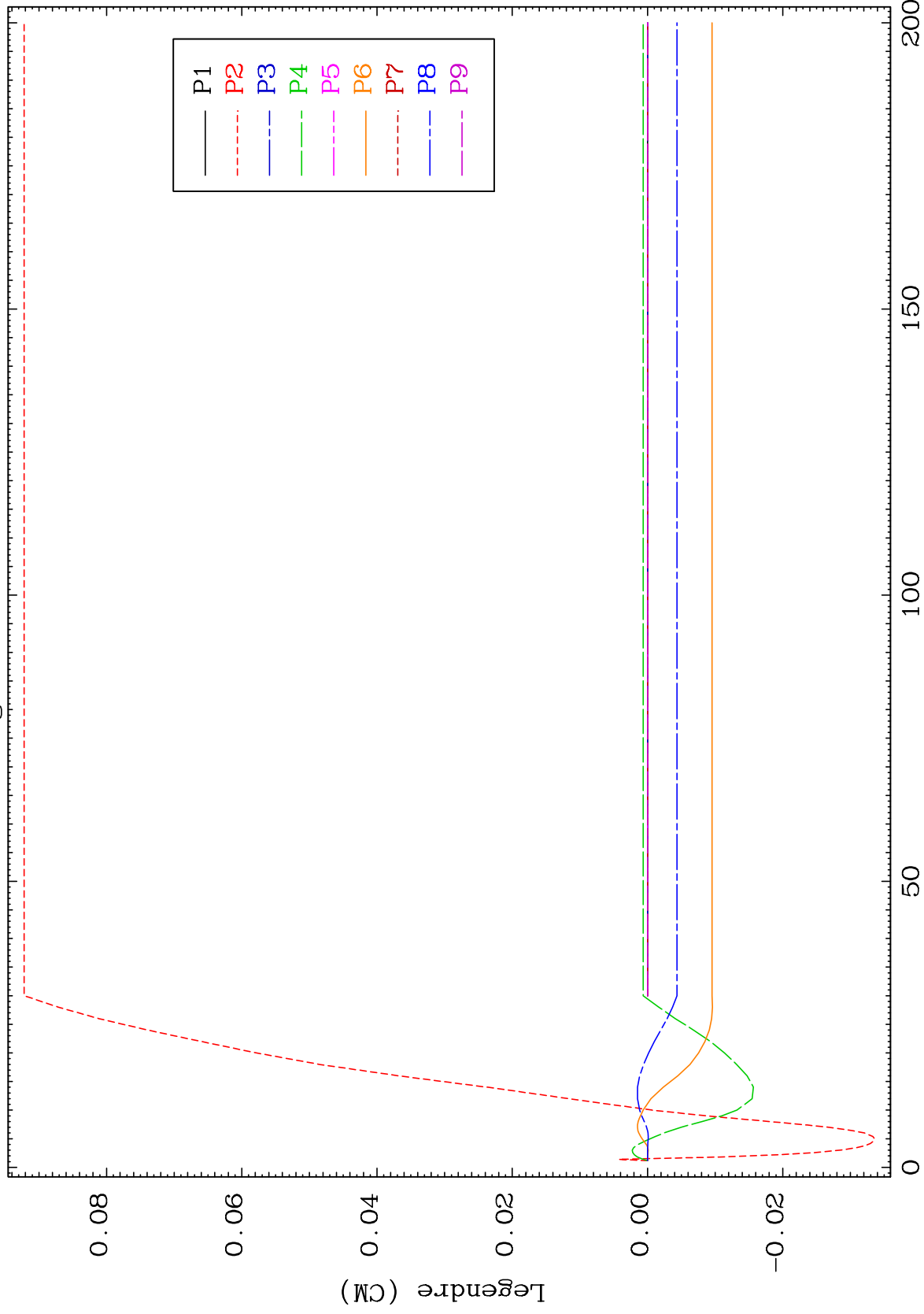




MAT 8095

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

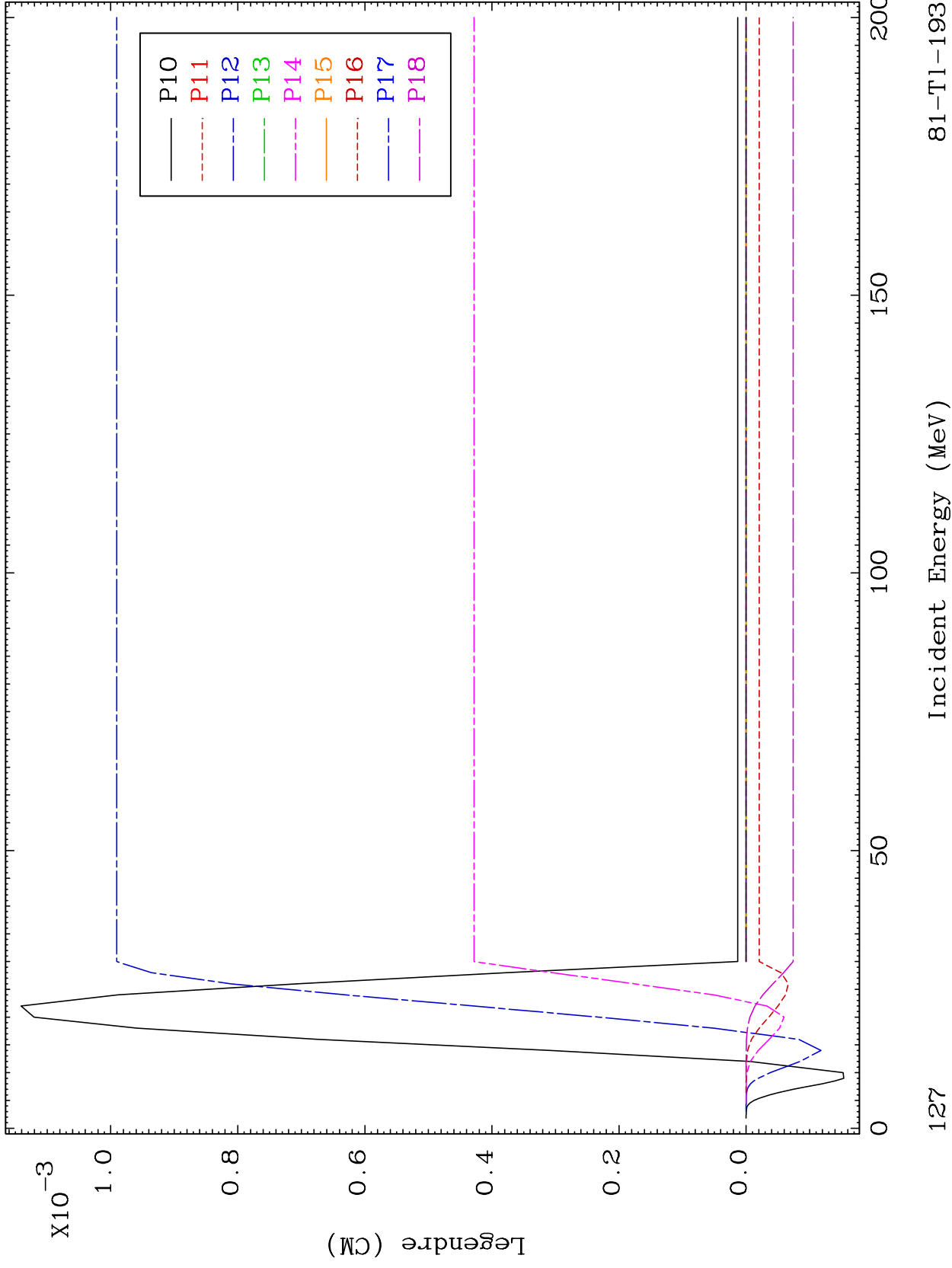
81-T1-193

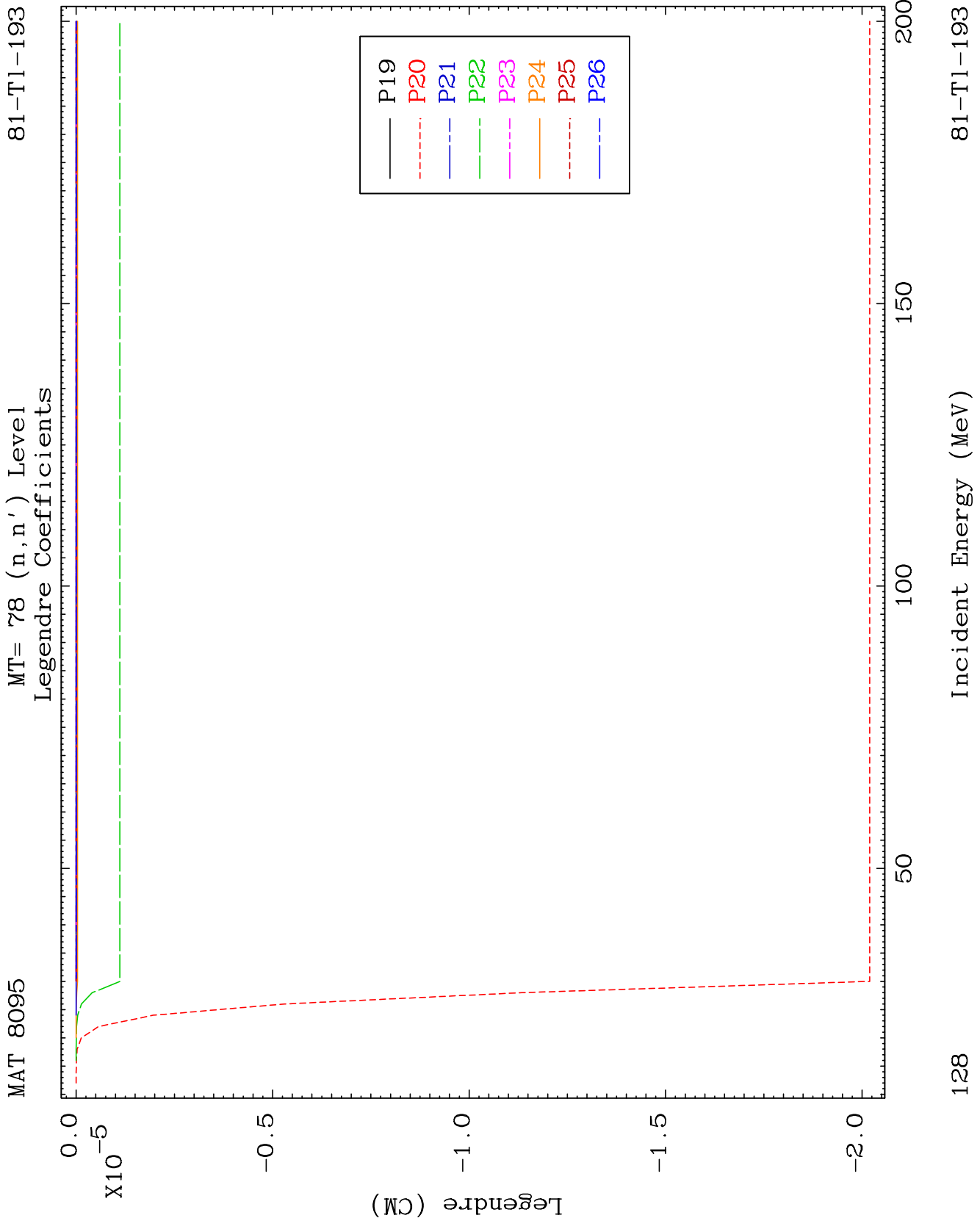


81-T1-193

Incident Energy (MeV)

126

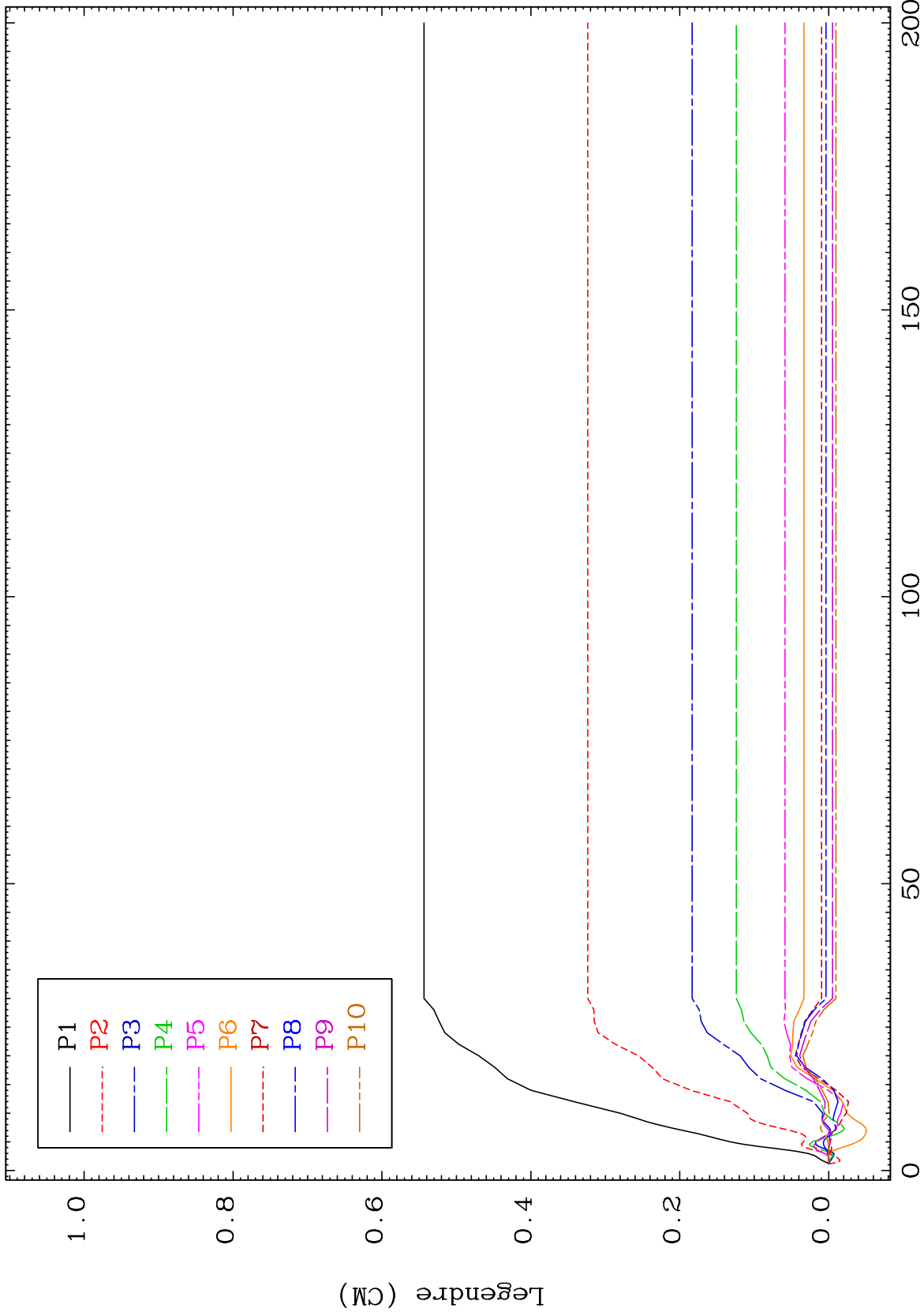




MAT 8095

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

81-T1-193



129

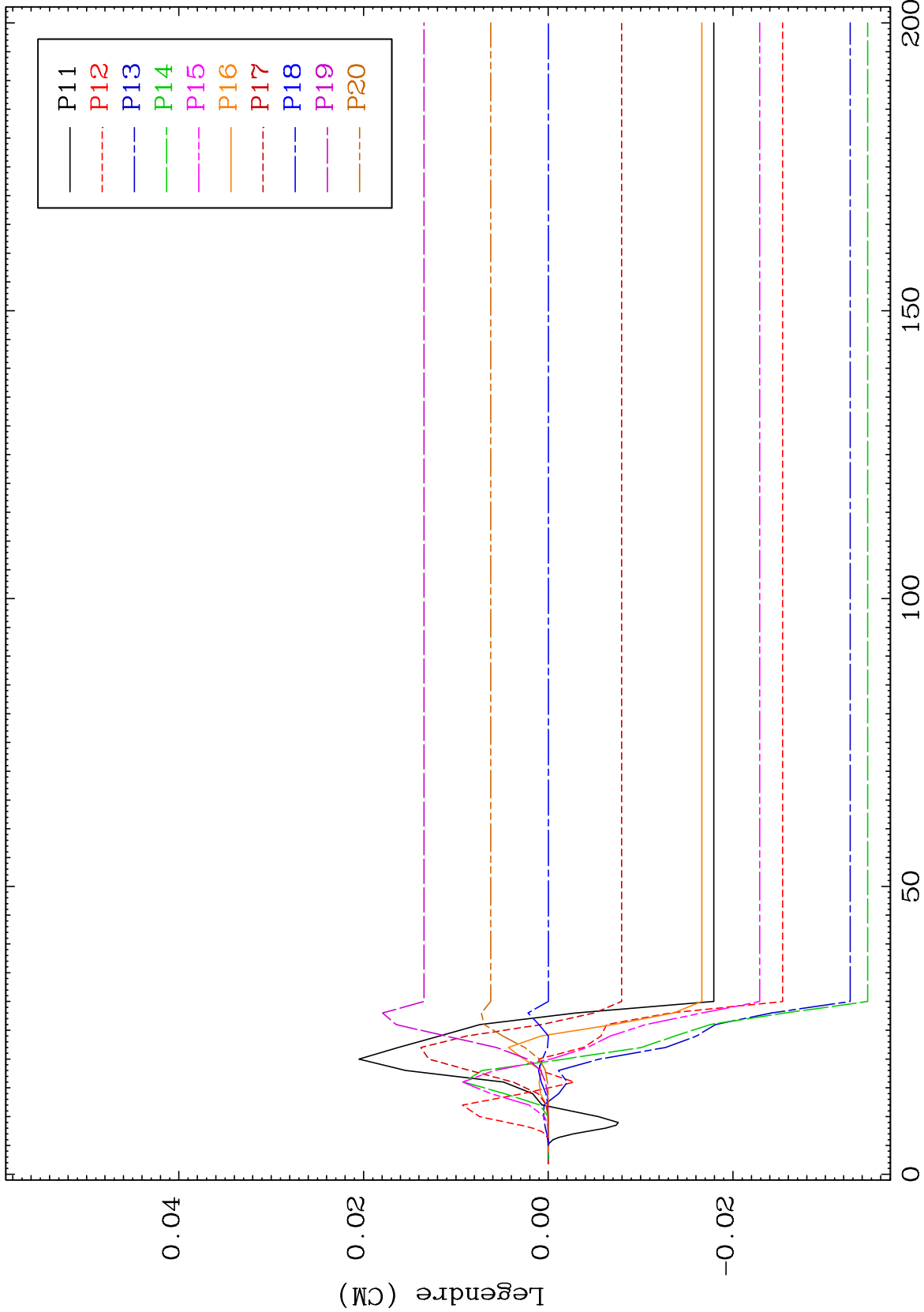
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-Tl-193



81-Tl-193

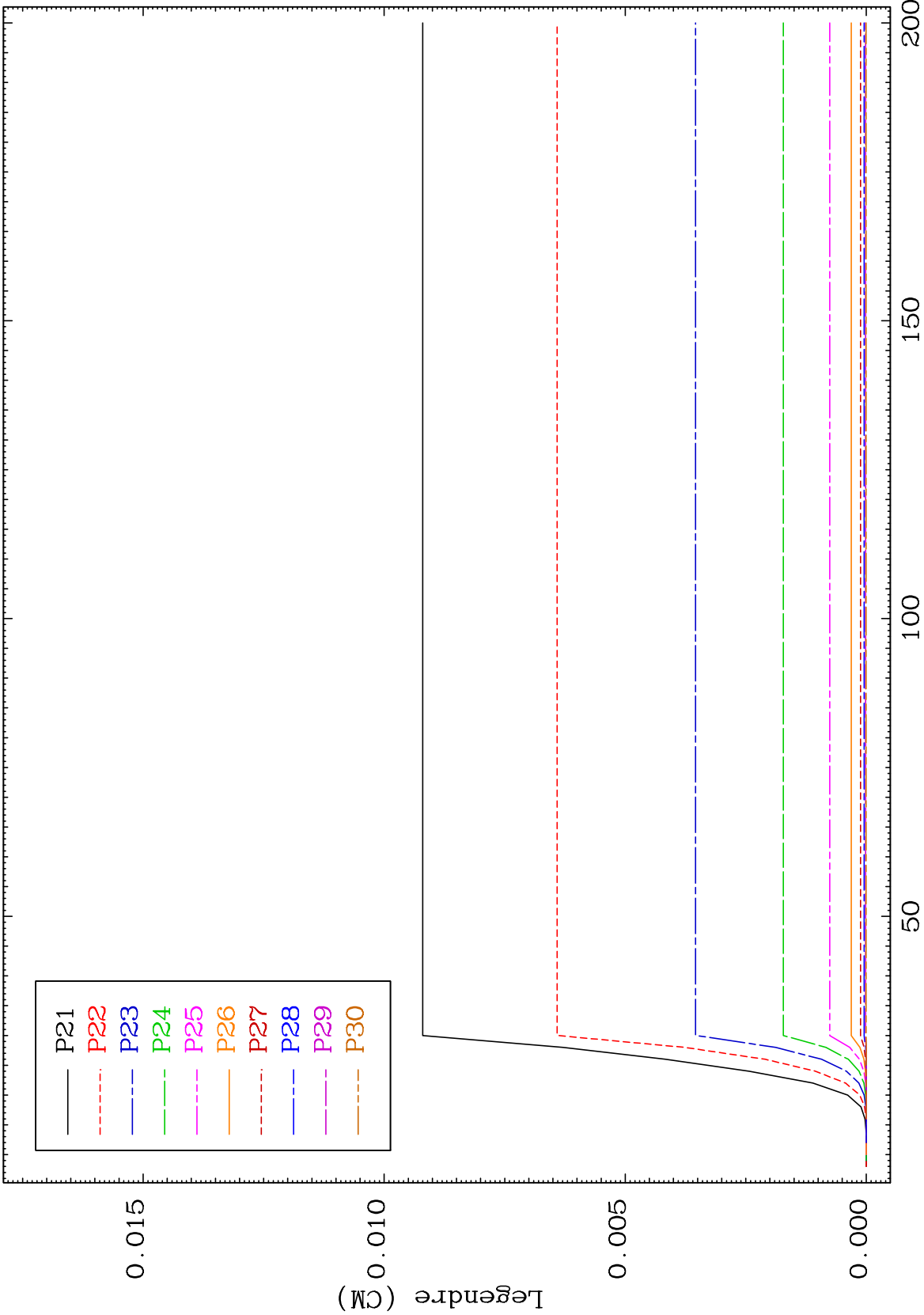
Incident Energy (MeV)

130

MAT 8095

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

81-T1-193



131

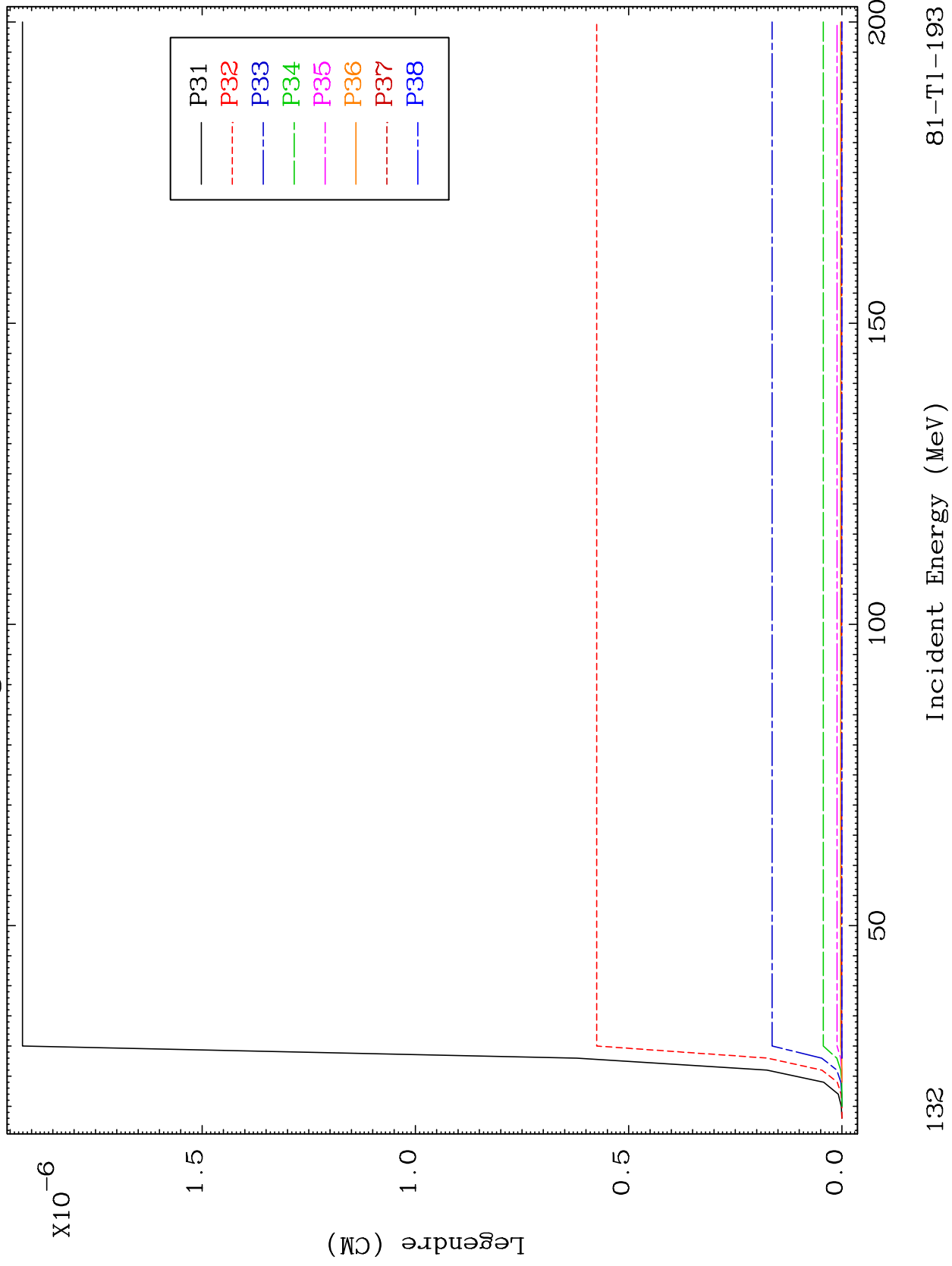
Incident Energy (MeV)

81-T1-193

MAT 8095

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

81-Tl-193



132

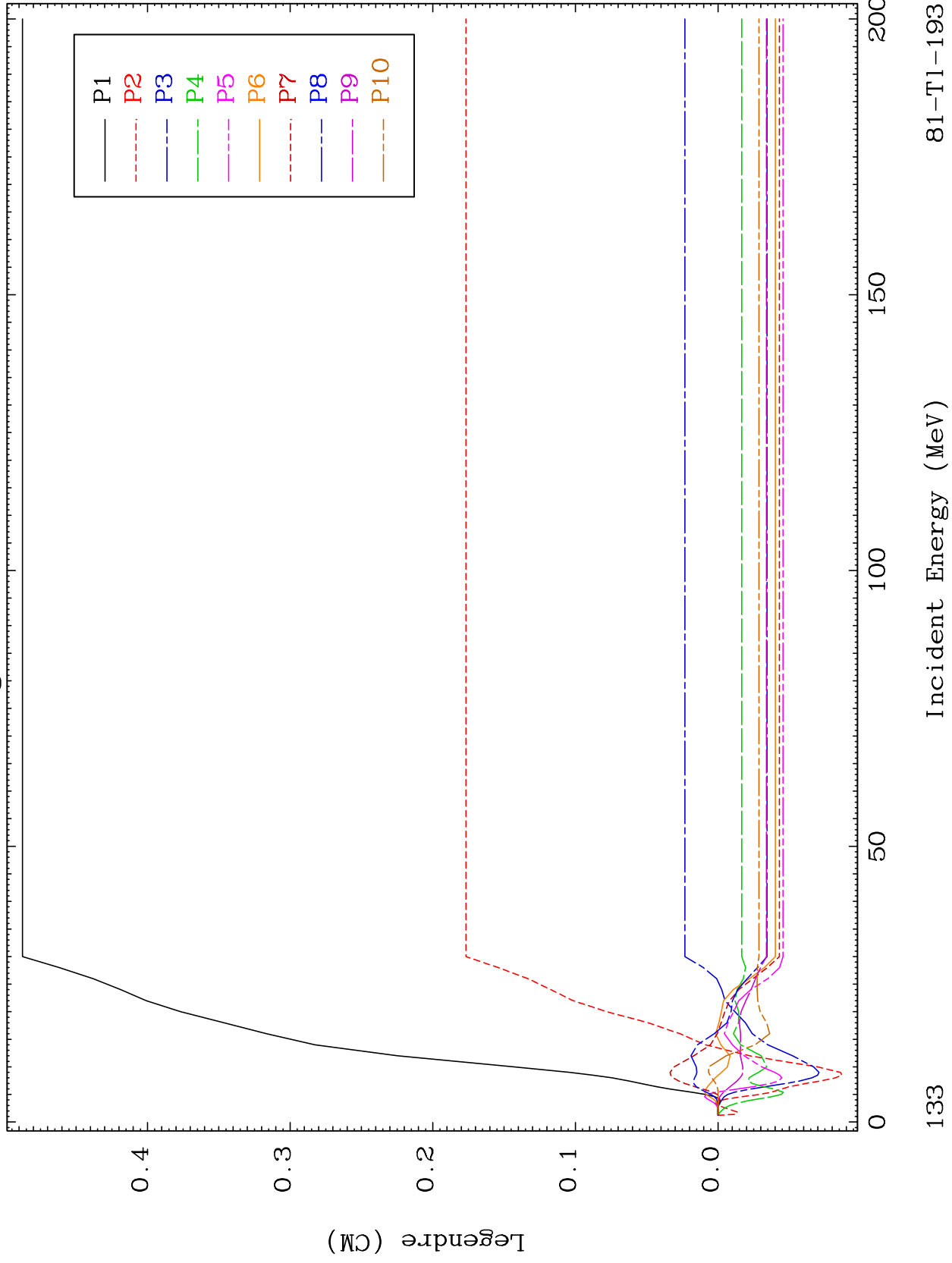
Incident Energy (MeV)

81-Tl-193

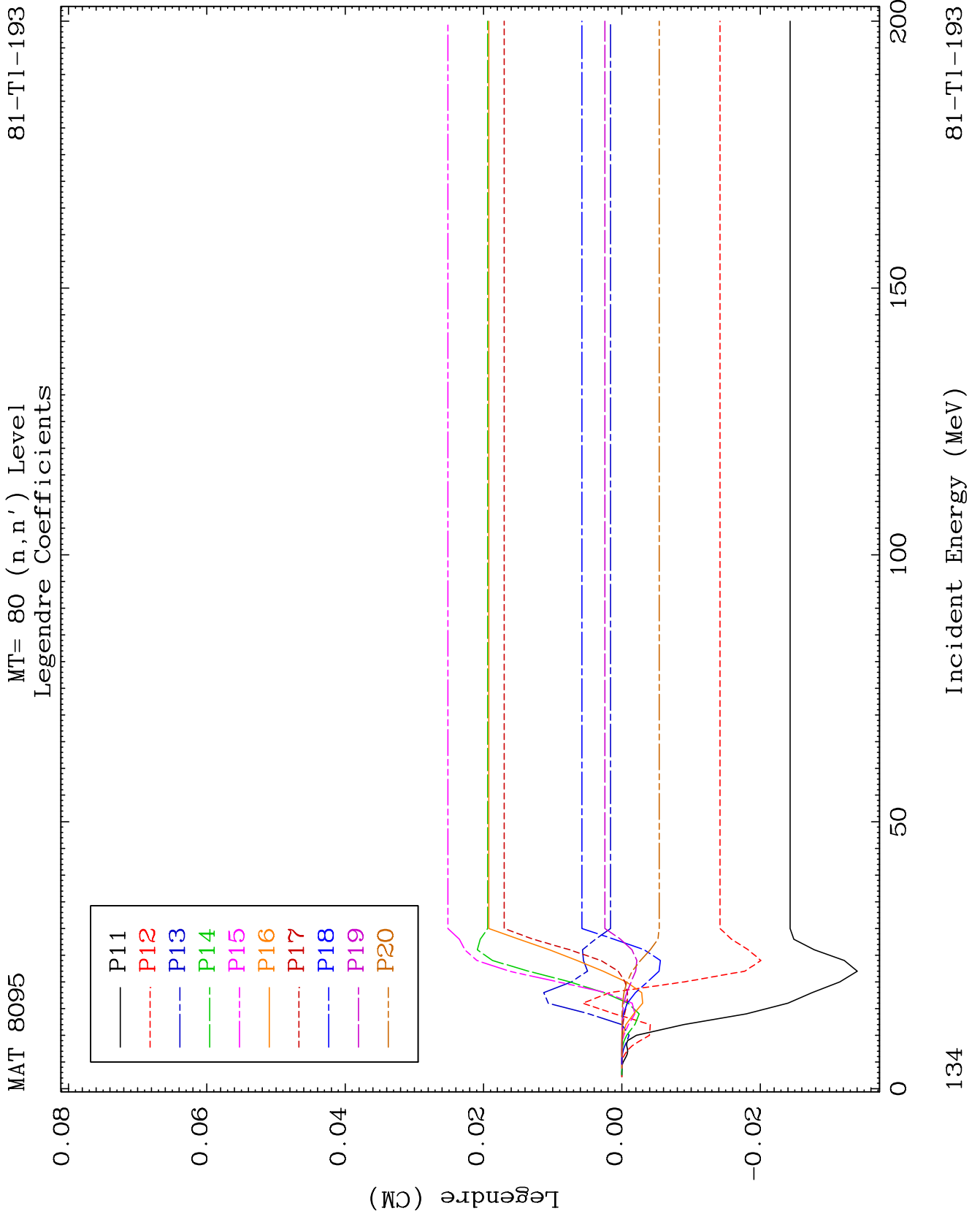
MAT 8095

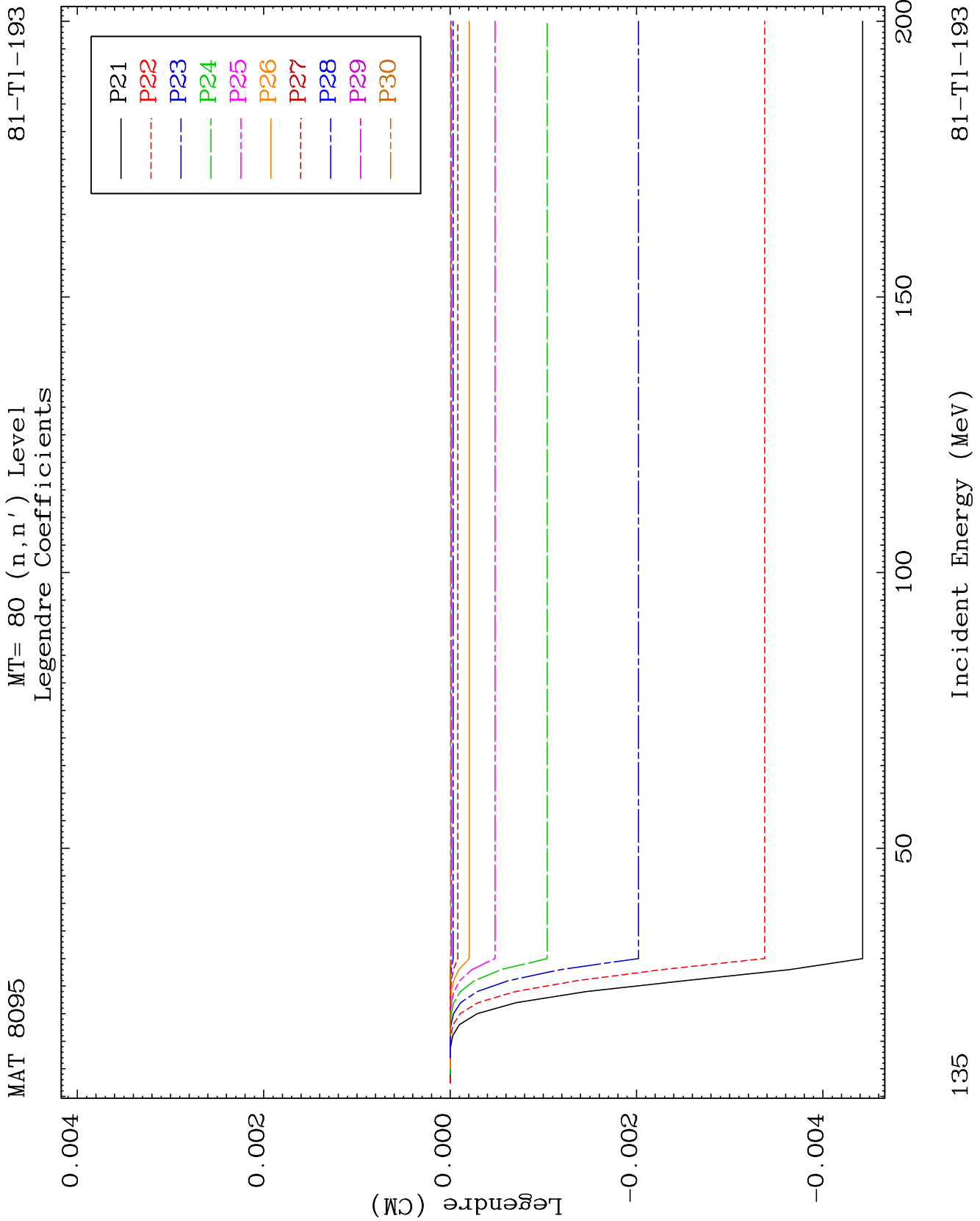
MT= 80 (n,n') Level
Legendre Coefficients

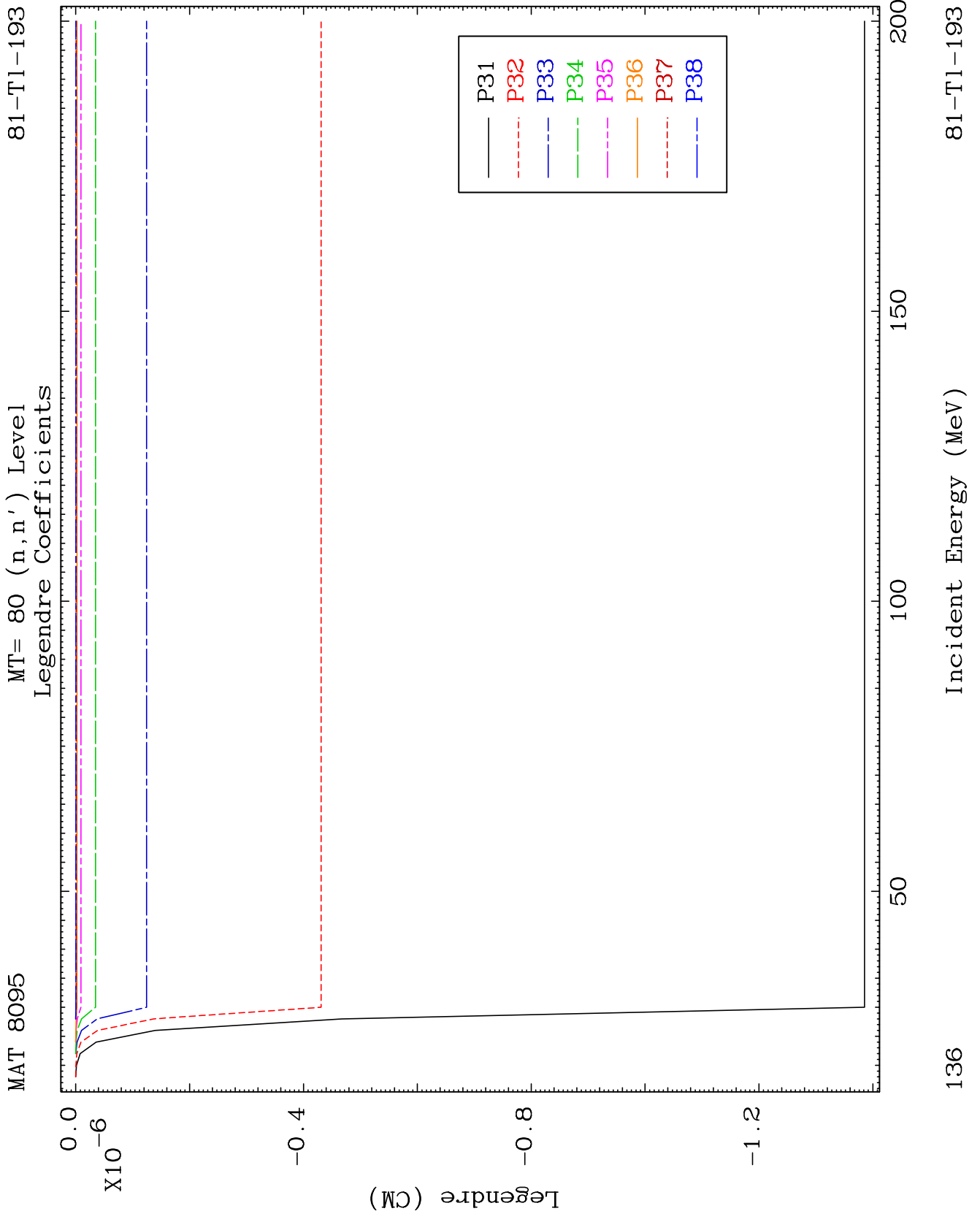
81-Tl-193



133



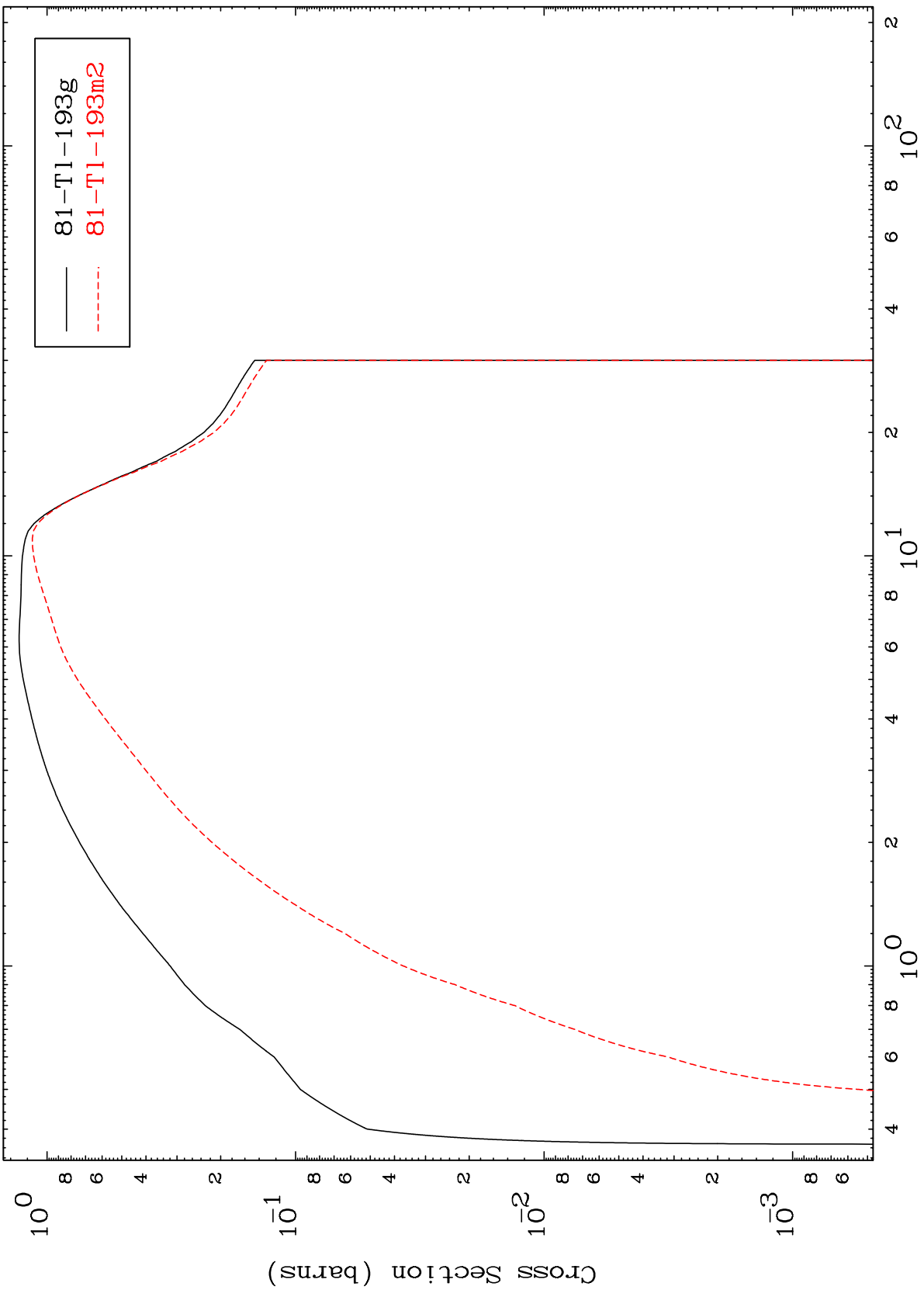




MAT 8095

81-Tl-193

Inelastic
Radionuclide Production Cross Section



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

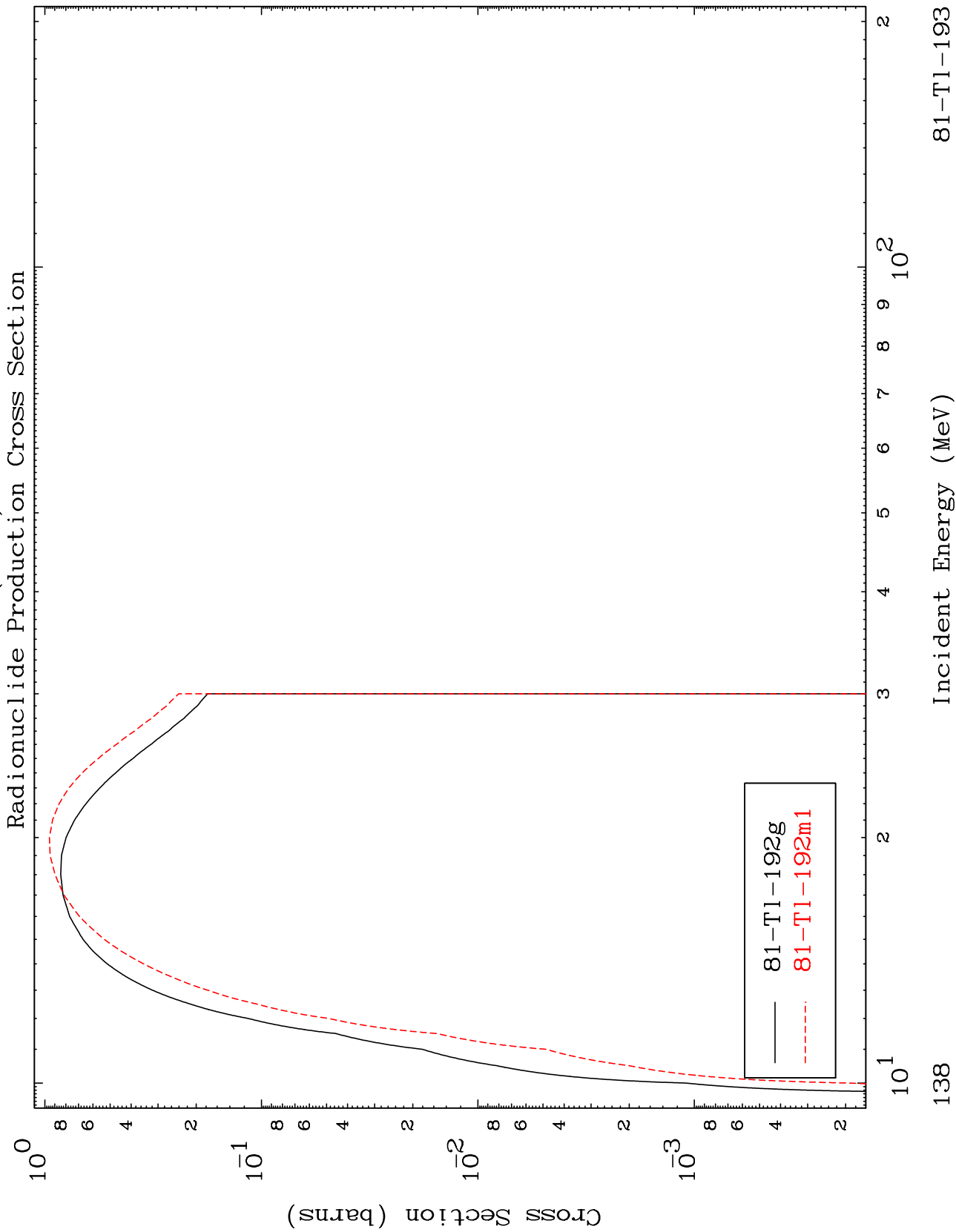
137

Incident Energy (MeV)

81-Tl-193

MAT 8095

81-Tl-193



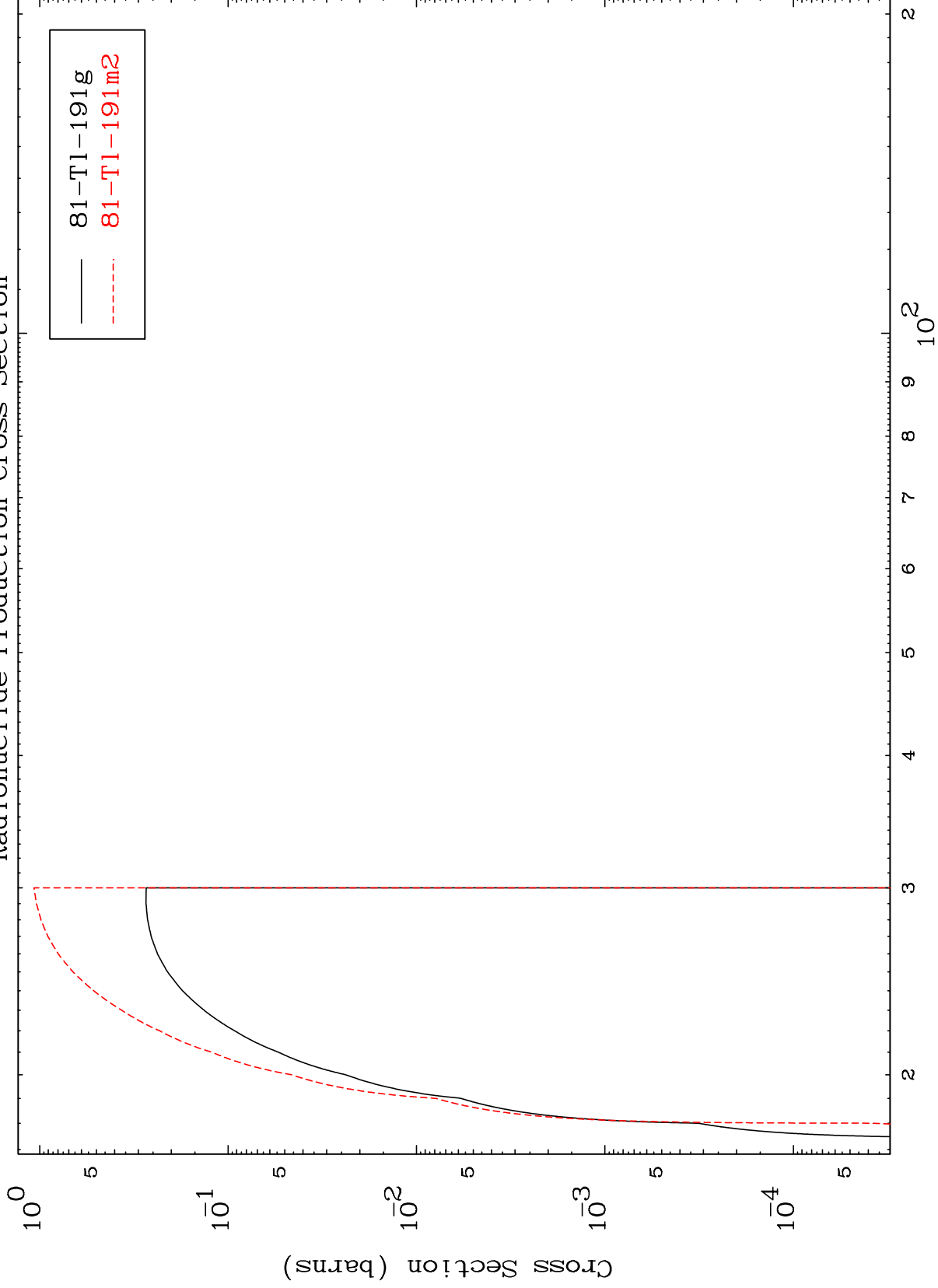
138

MAT 8095

(n,3n)

81-Tl-193

Radionuclide Production Cross Section



139

Incident Energy (MeV)

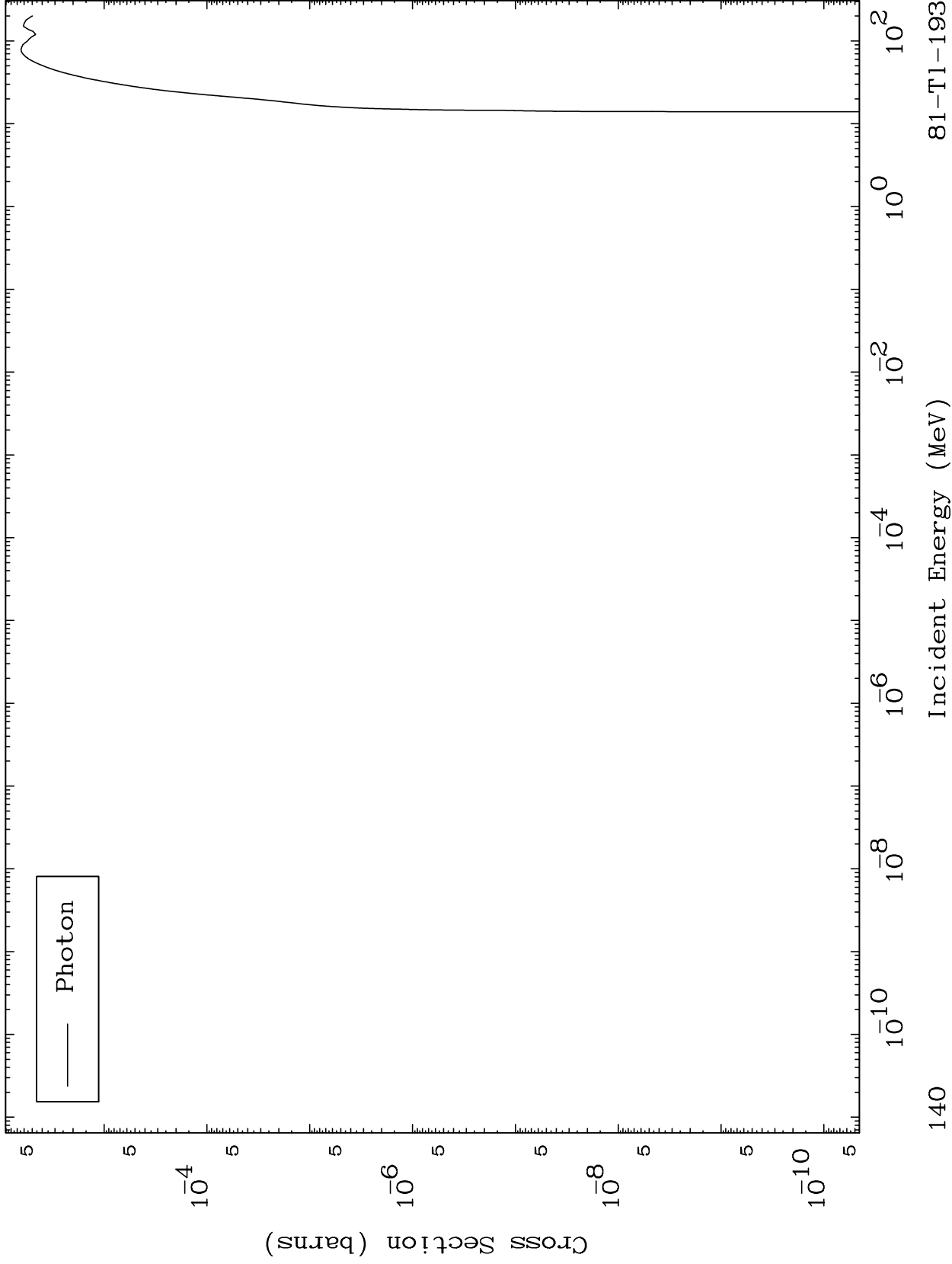
81-Tl-193

MAT 8095

Fission

81-Tl-193

Radionuclide Production Cross Section



140

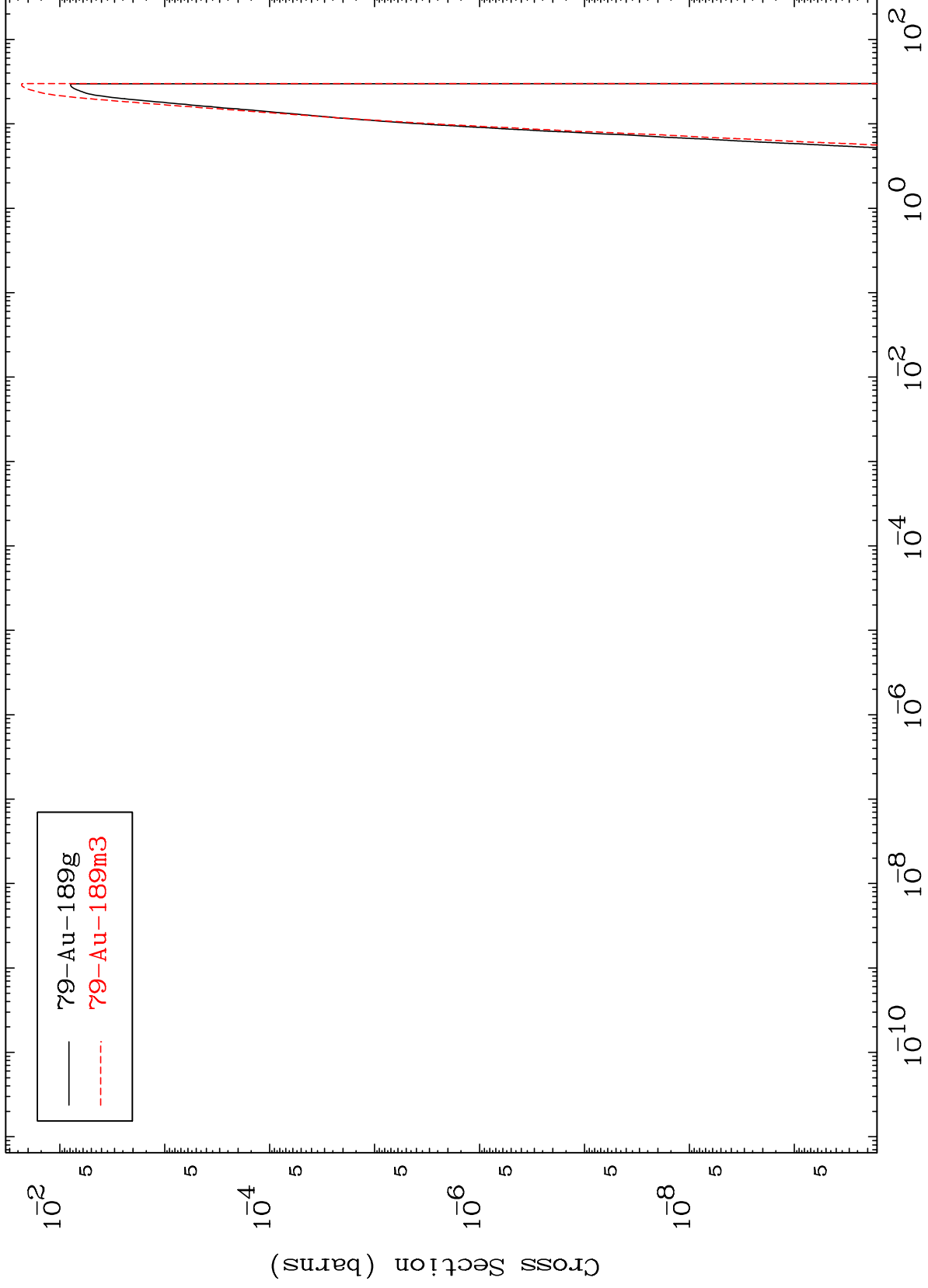
81-Tl-193

MAT 8095

(n, n') α

81-Tl-193

Radionuclide Production Cross Section



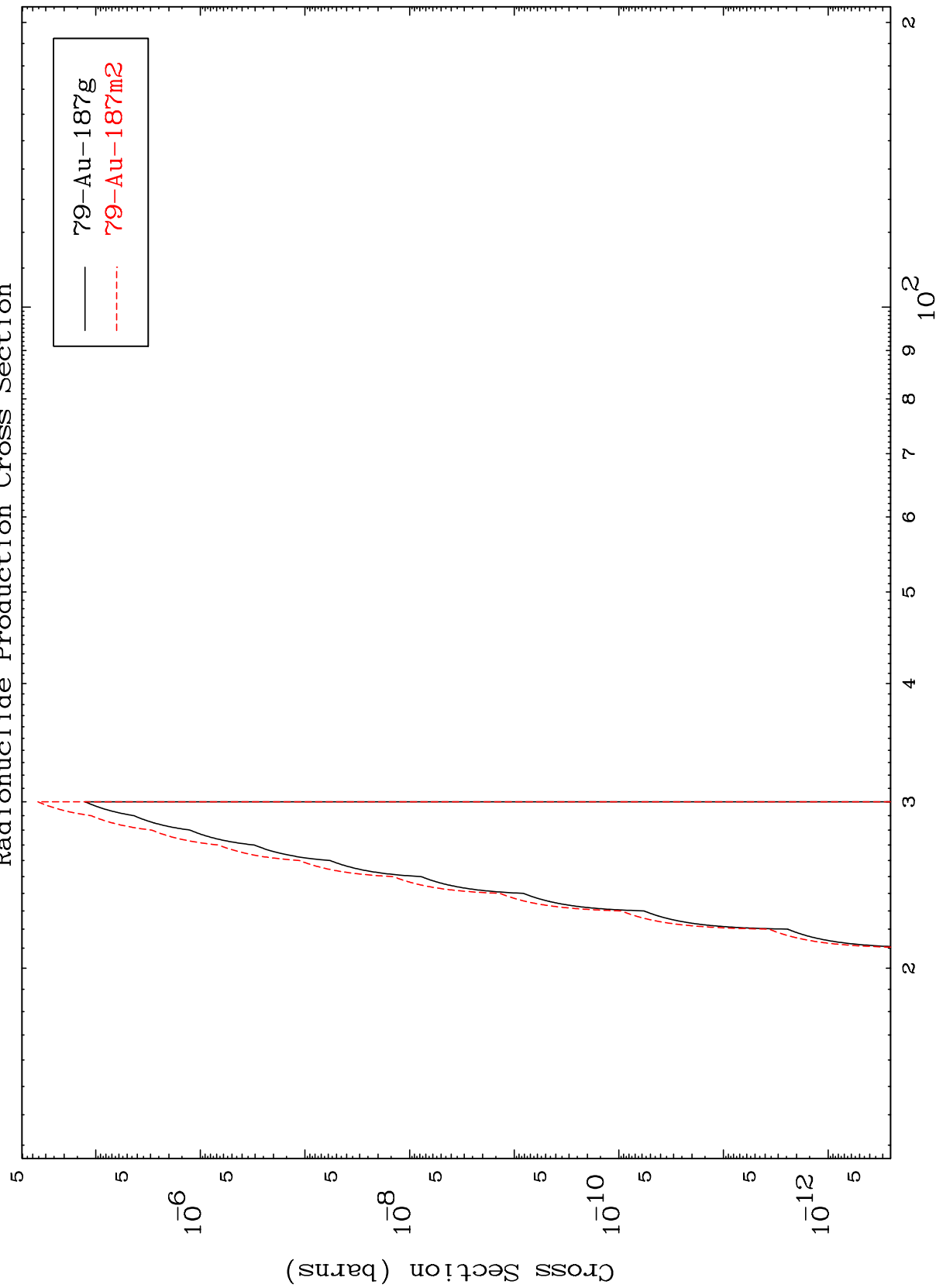
— ^{189}gAu
- - - $^{189}\text{m3Au}$

MAT 8095

(n,3n) α

81-Tl-193

Radionuclide Production Cross Section



142

Incident Energy (MeV)

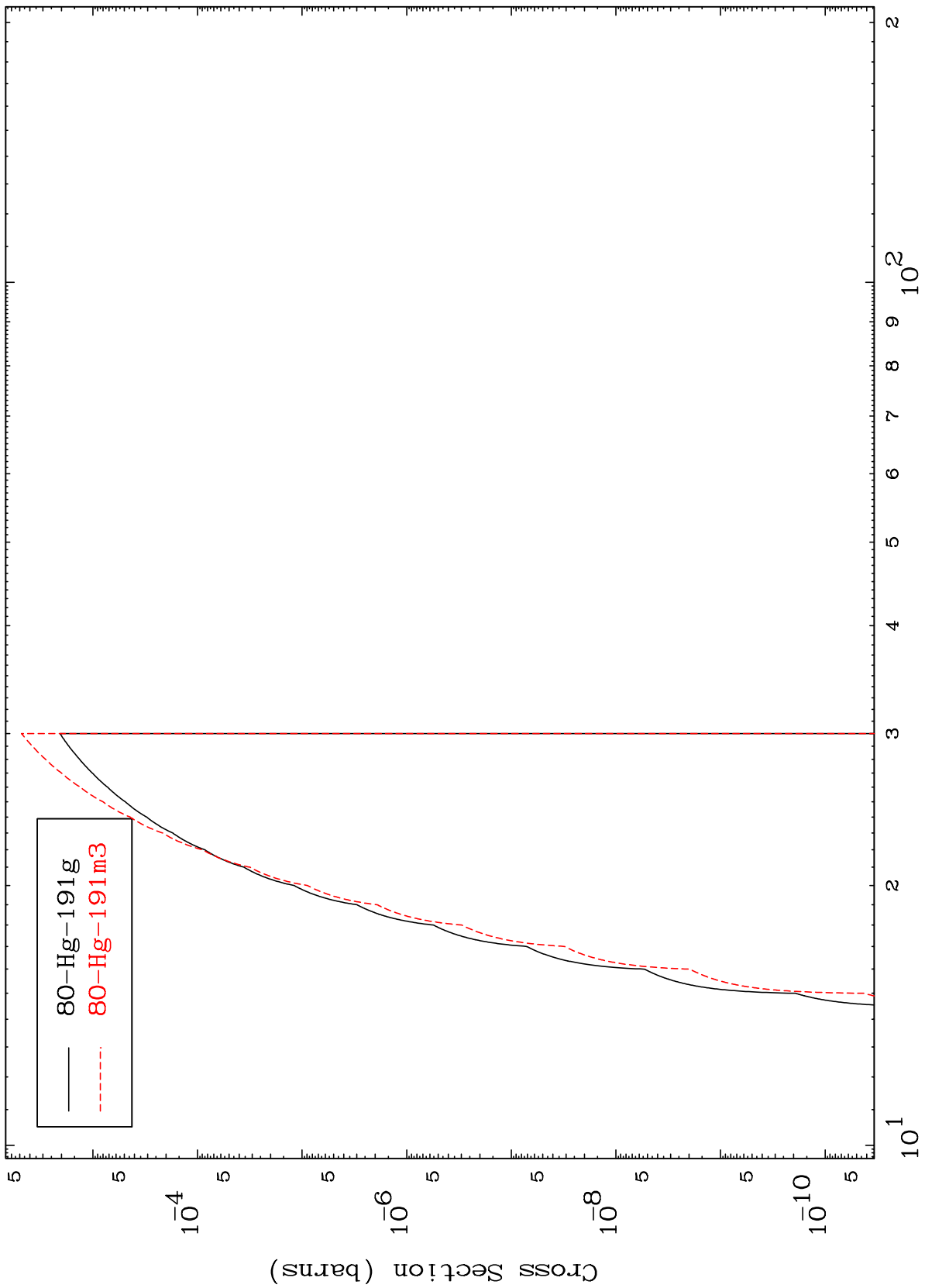
81-Tl-193

MAT 8095

(n,n') d

81-T1-193

Radionuclide Production Cross Section

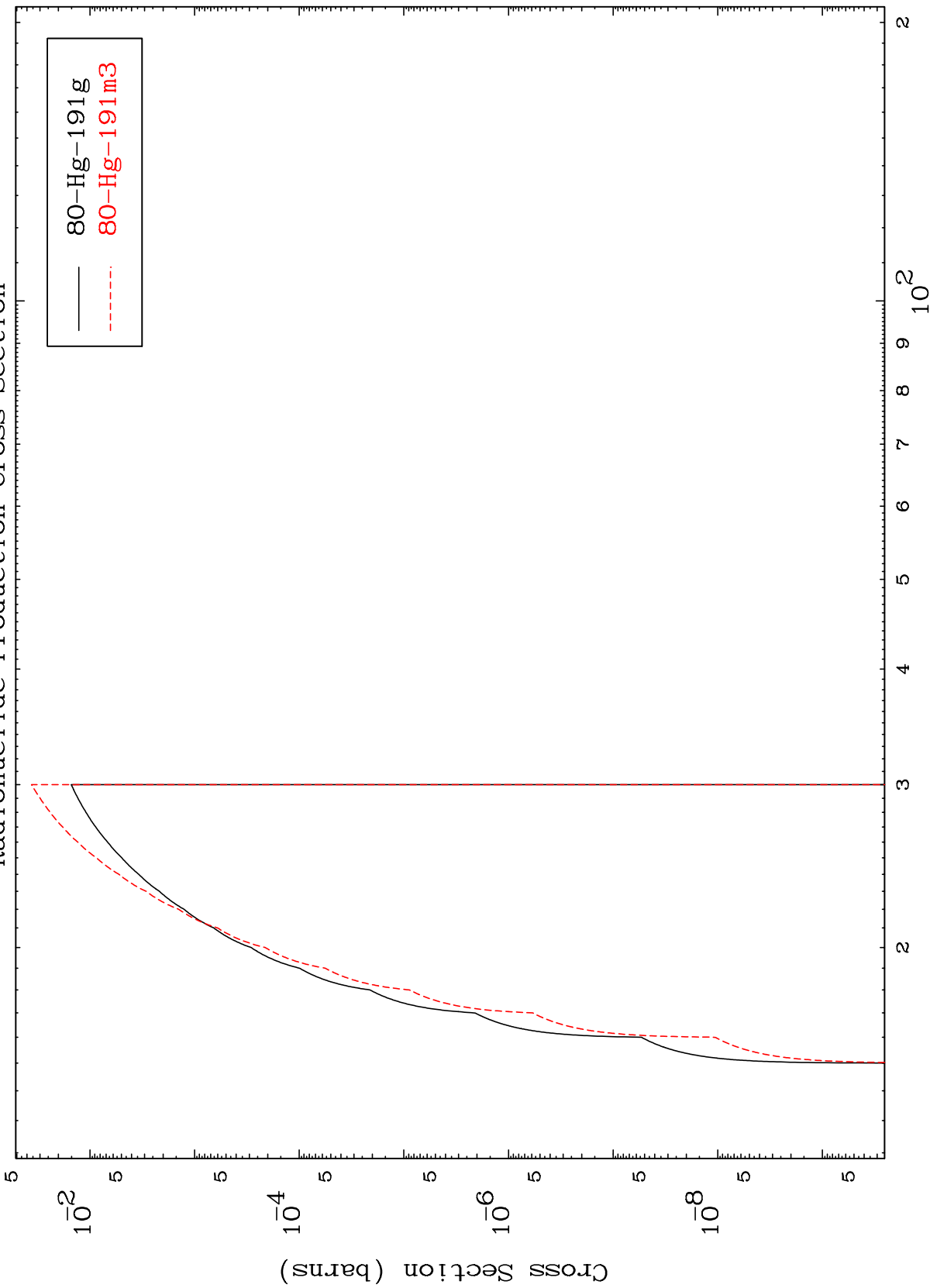


143

Incident Energy (MeV)

81-T1-193

Radionuclide Production Cross Section

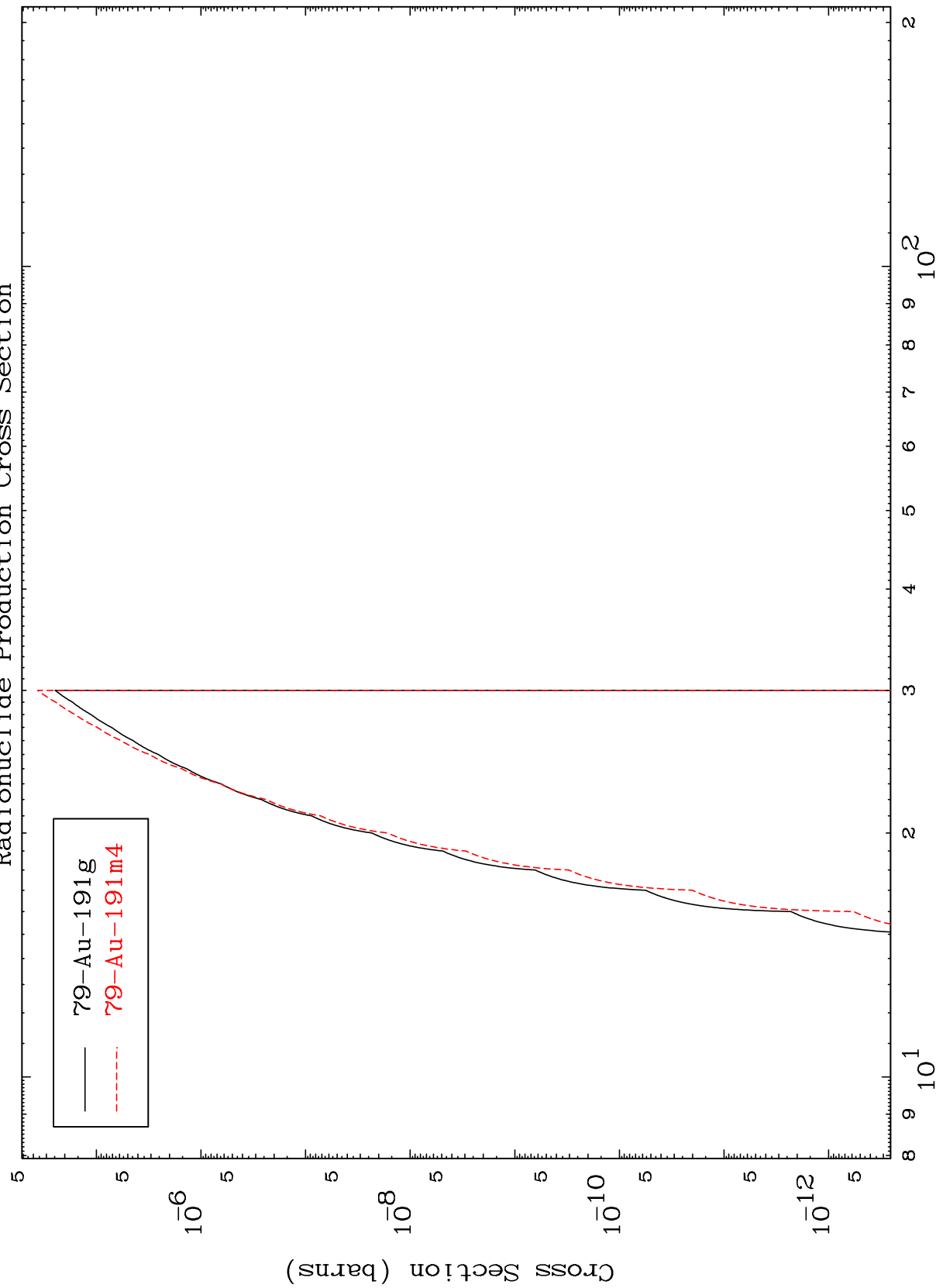


MAT 8095

(n,2n) p

81-Tl-193

Radionuclide Production Cross Section



145

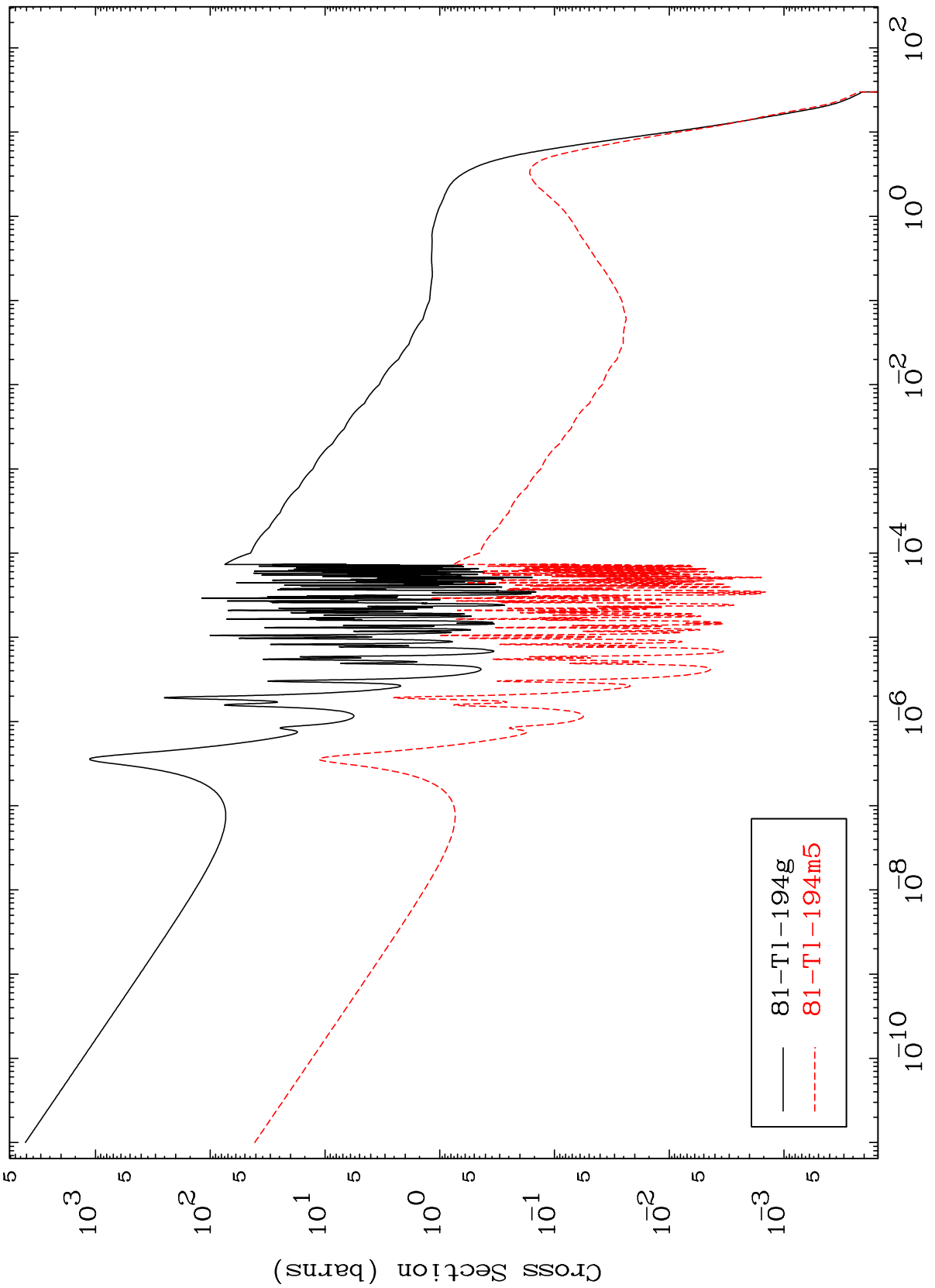
Incident Energy (MeV)

81-Tl-193

MAT 8095

81-Tl-193

(n, γ)
Radionuclide Production Cross Section



81-Tl-193

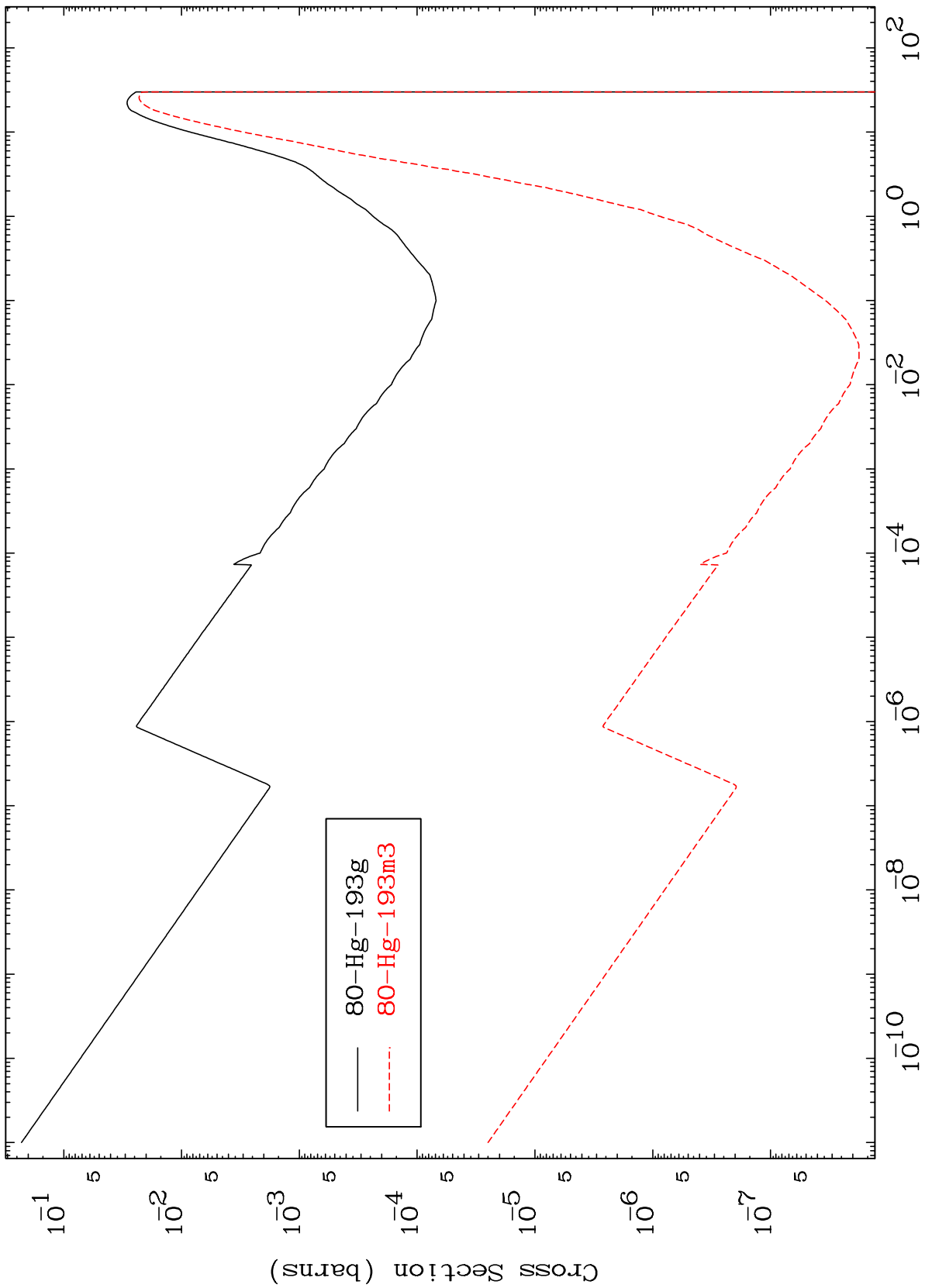
Incident Energy (MeV)

146

MAT 8095

81-T1-193

(n,p)
Radionuclide Production Cross Section



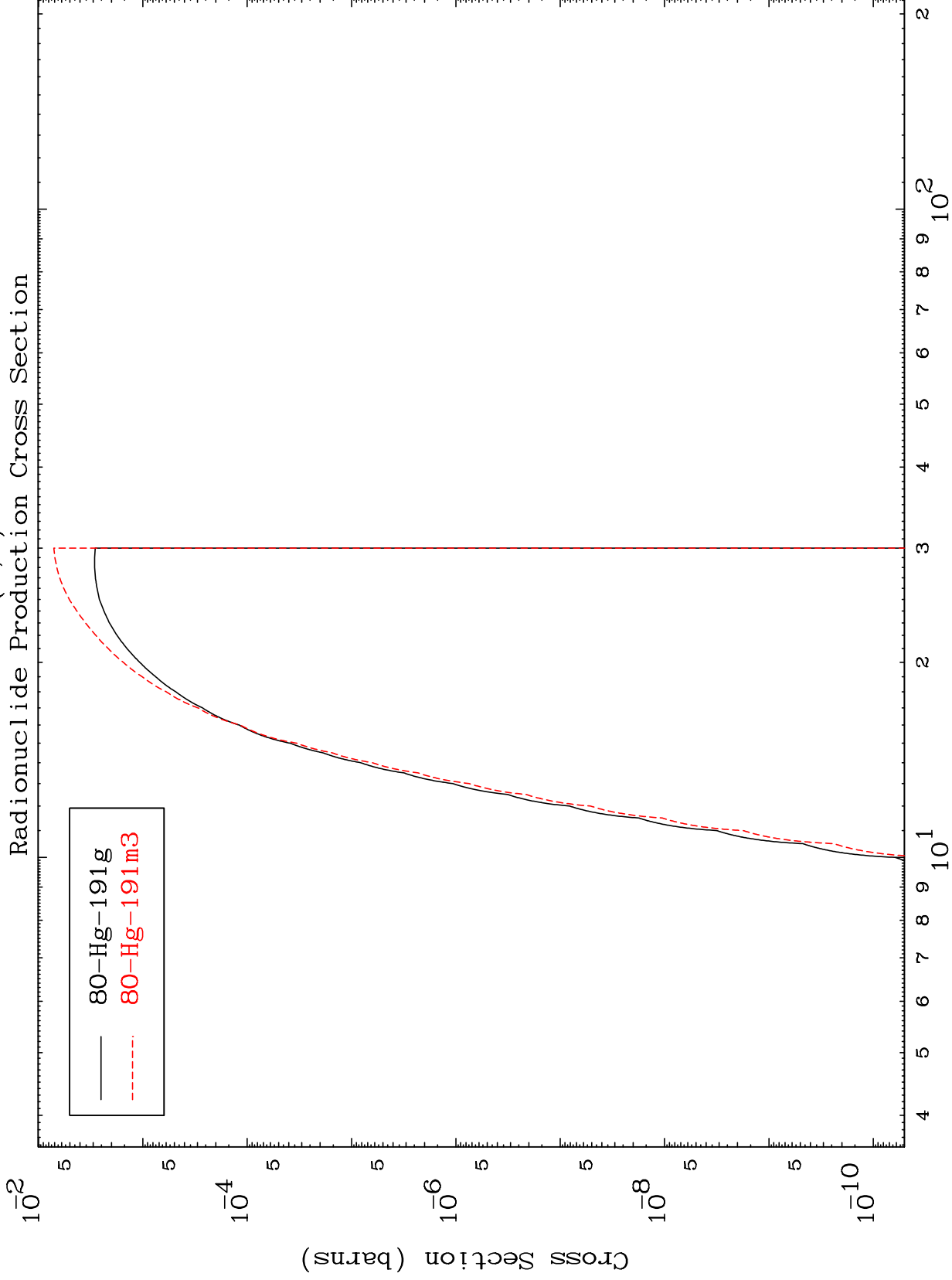
147

81-T1-193

MAT 8095

81-T1-193

(n, t)
Radionuclide Production Cross Section



148

81-T1-193

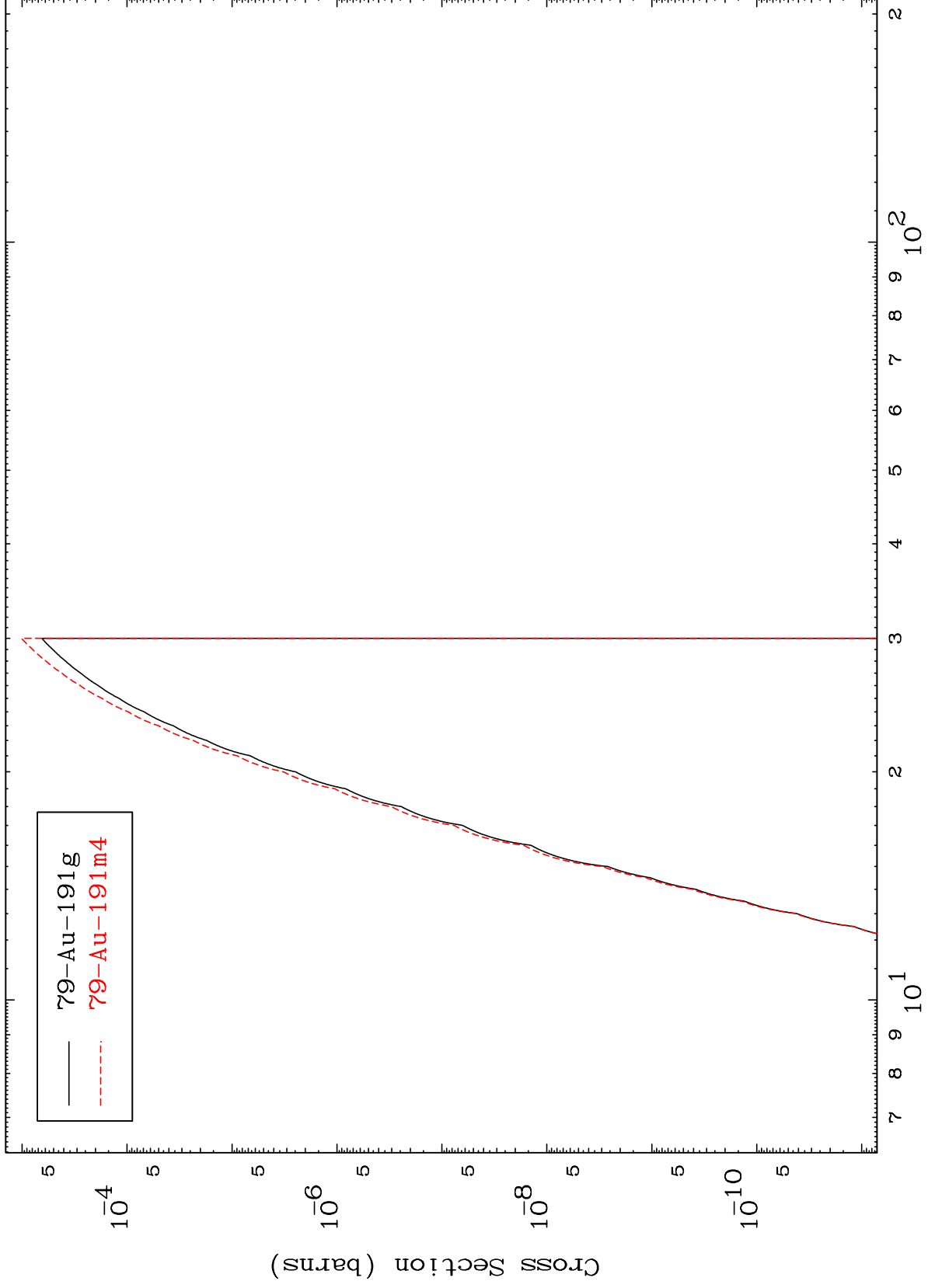
Incident Energy (MeV)

MAT 8095

(n,He-3)

81-Tl-193

Radionuclide Production Cross Section



149

Incident Energy (MeV)

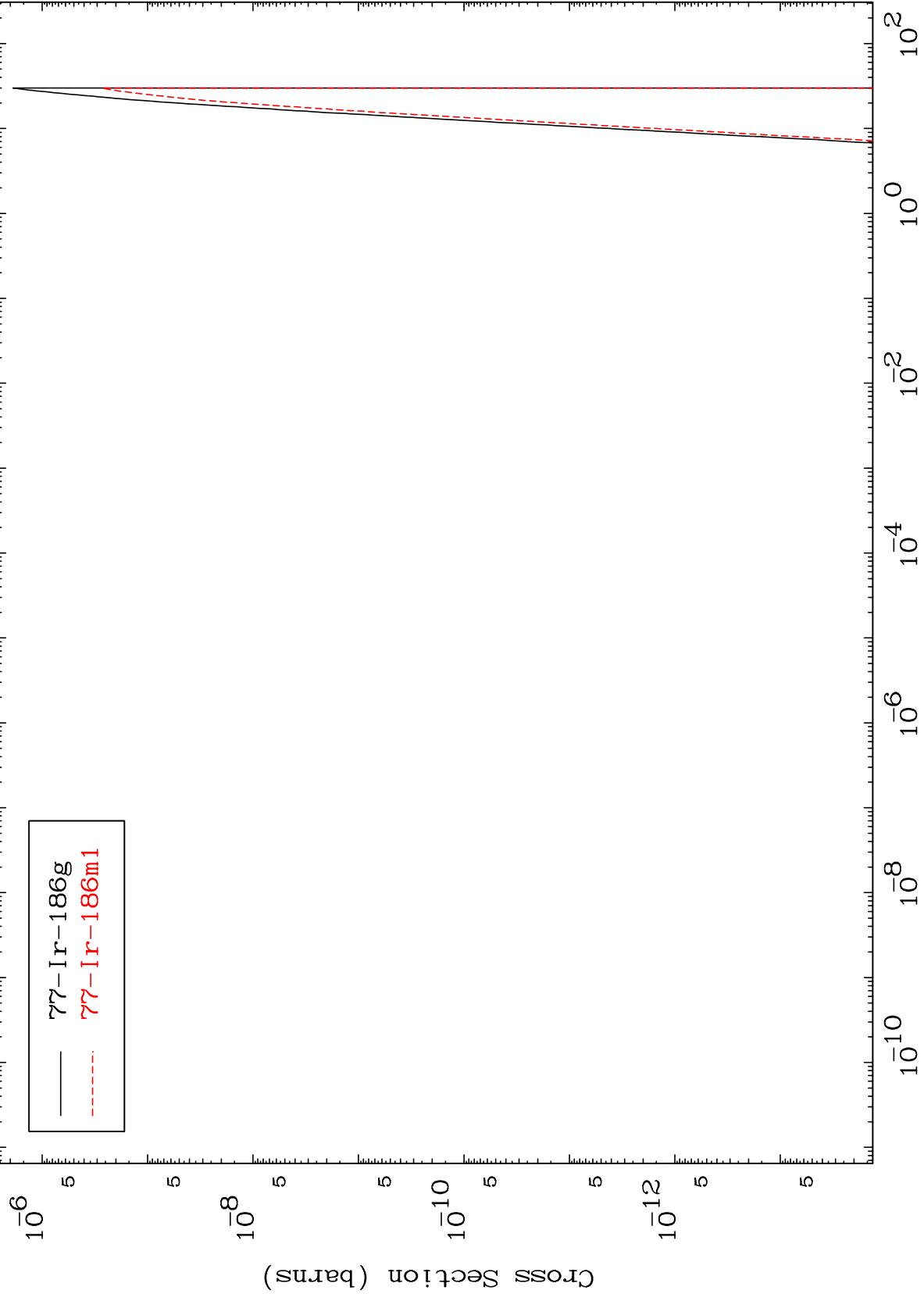
81-Tl-193

MAT 8095

(n,2α)

81-Tl-193

Radionuclide Production Cross Section



150

Incident Energy (MeV)

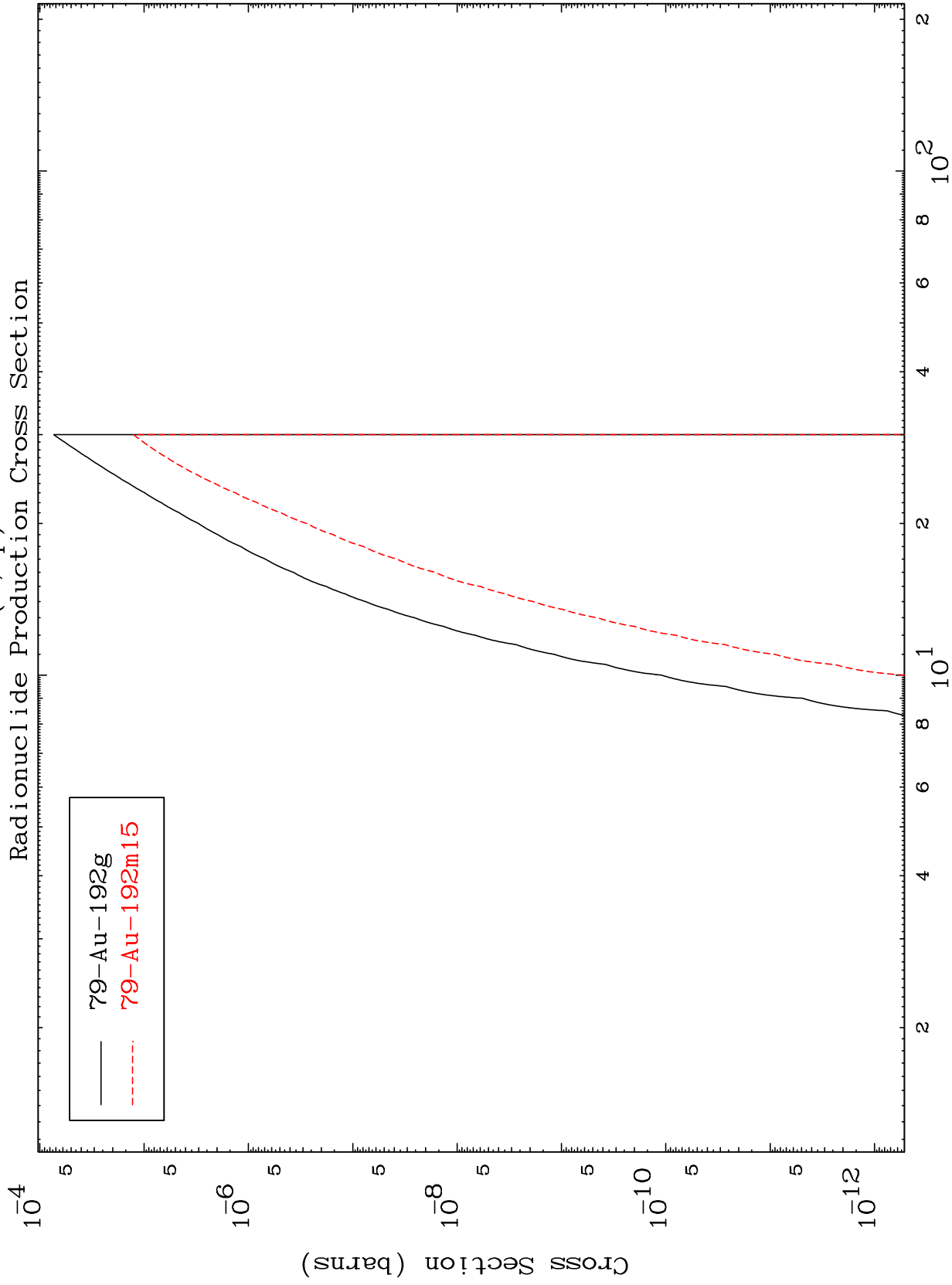
81-Tl-193

MAT 8095

(n,2p)

81-Tl-193

Radionuclide Production Cross Section



151

Incident Energy (MeV)

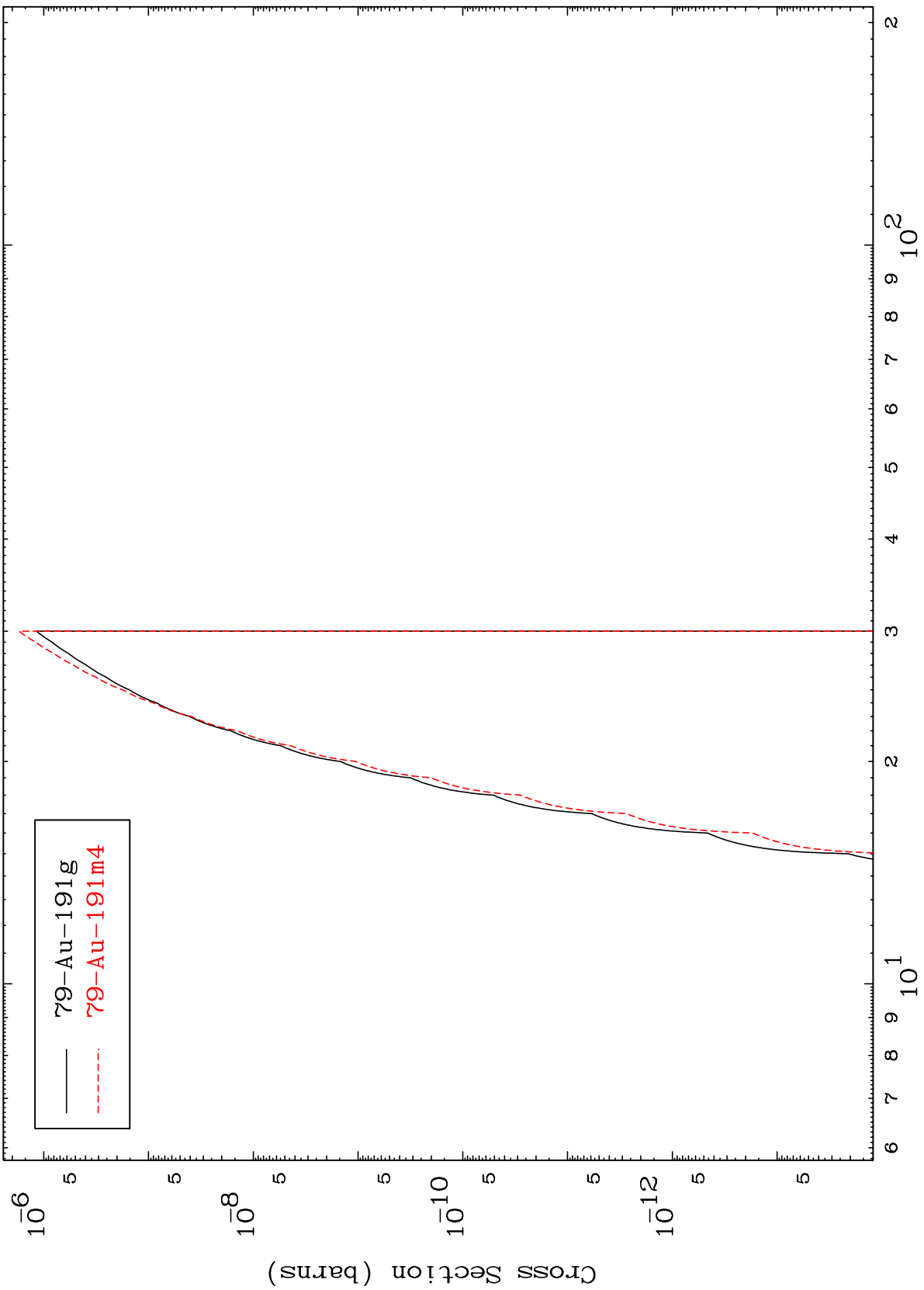
81-Tl-193

MAT 8095

(n,p) d

81-Tl-193

Radionuclide Production Cross Section



152

Incident Energy (MeV)

81-Tl-193