

Program EVALPLOT
(Version 2018-1)

by

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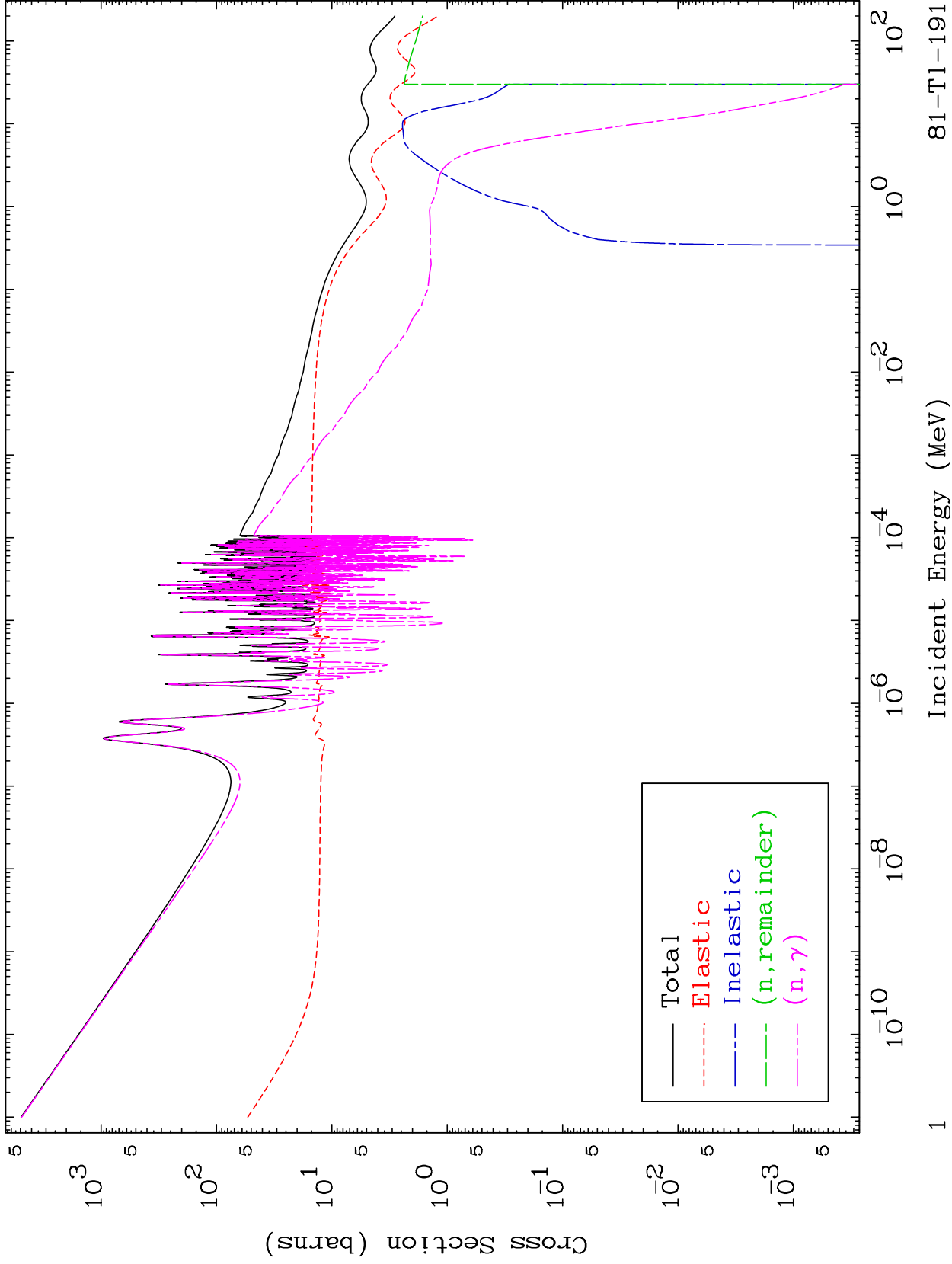
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Press Mouse Button to Start

MAT 8089

Major
293 Kelvin Cross Sections

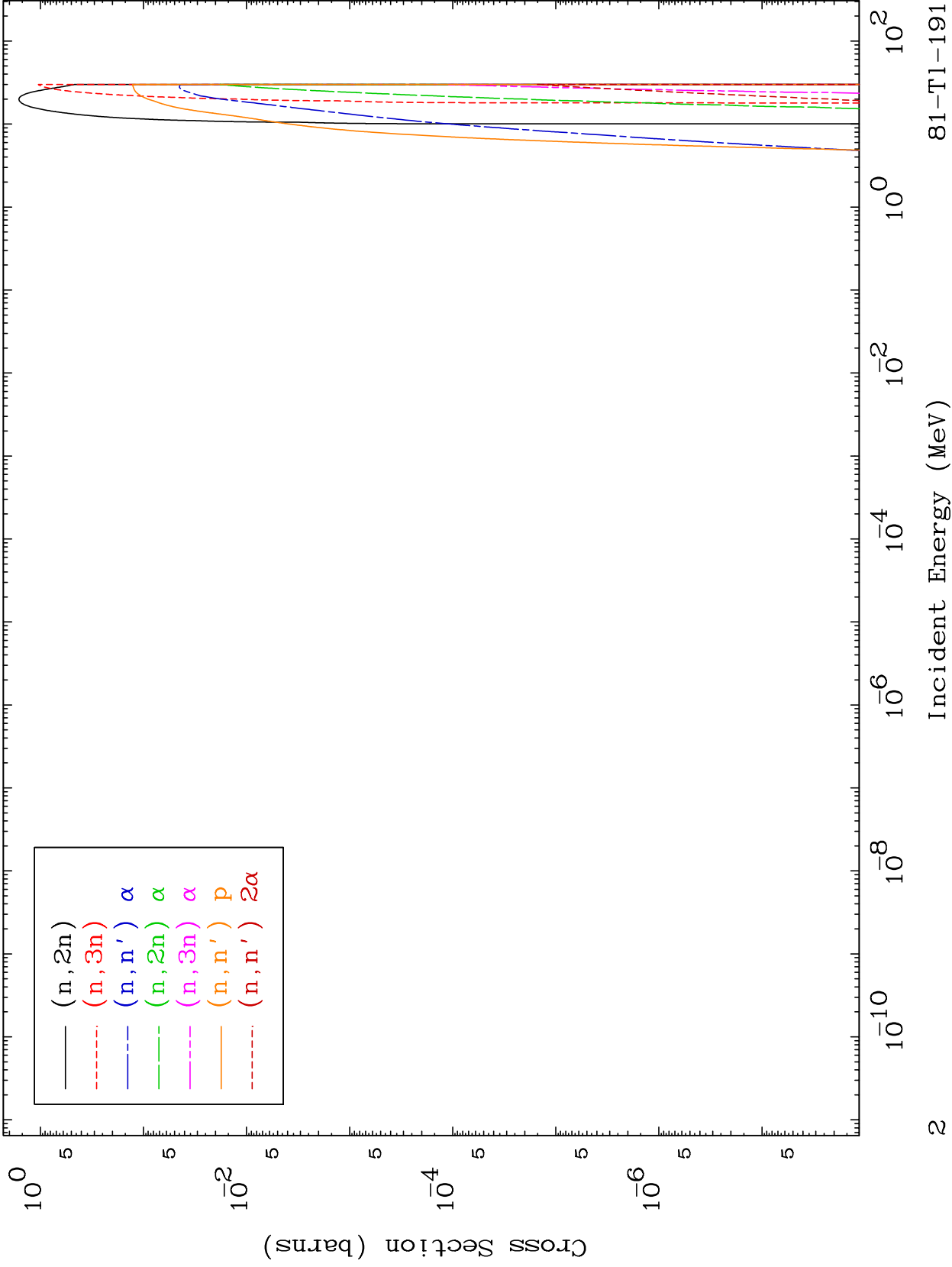
81-Tl-191

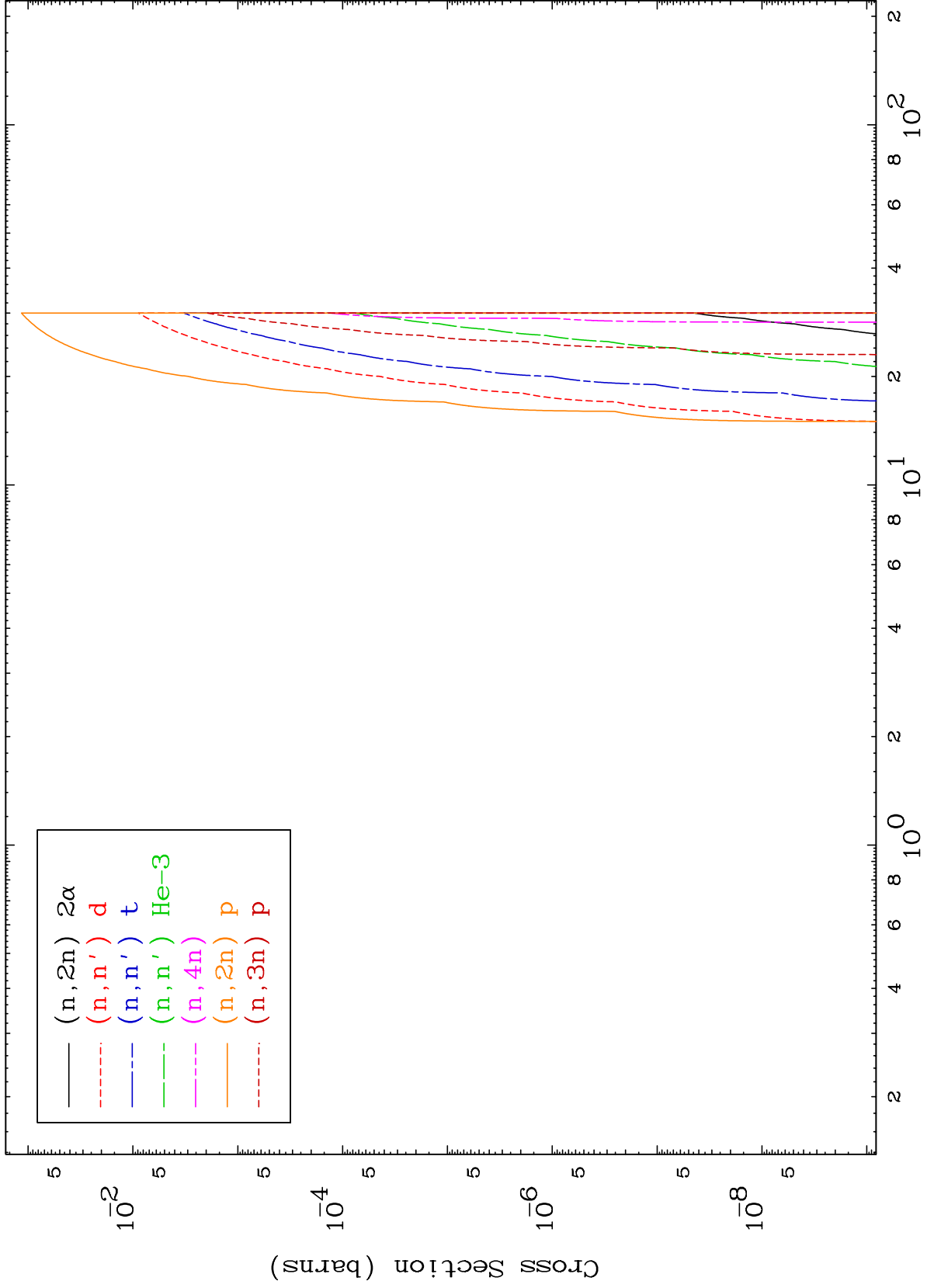


MAT 8089

Neutron Production
293 Kelvin Cross Sections

81-Tl-191

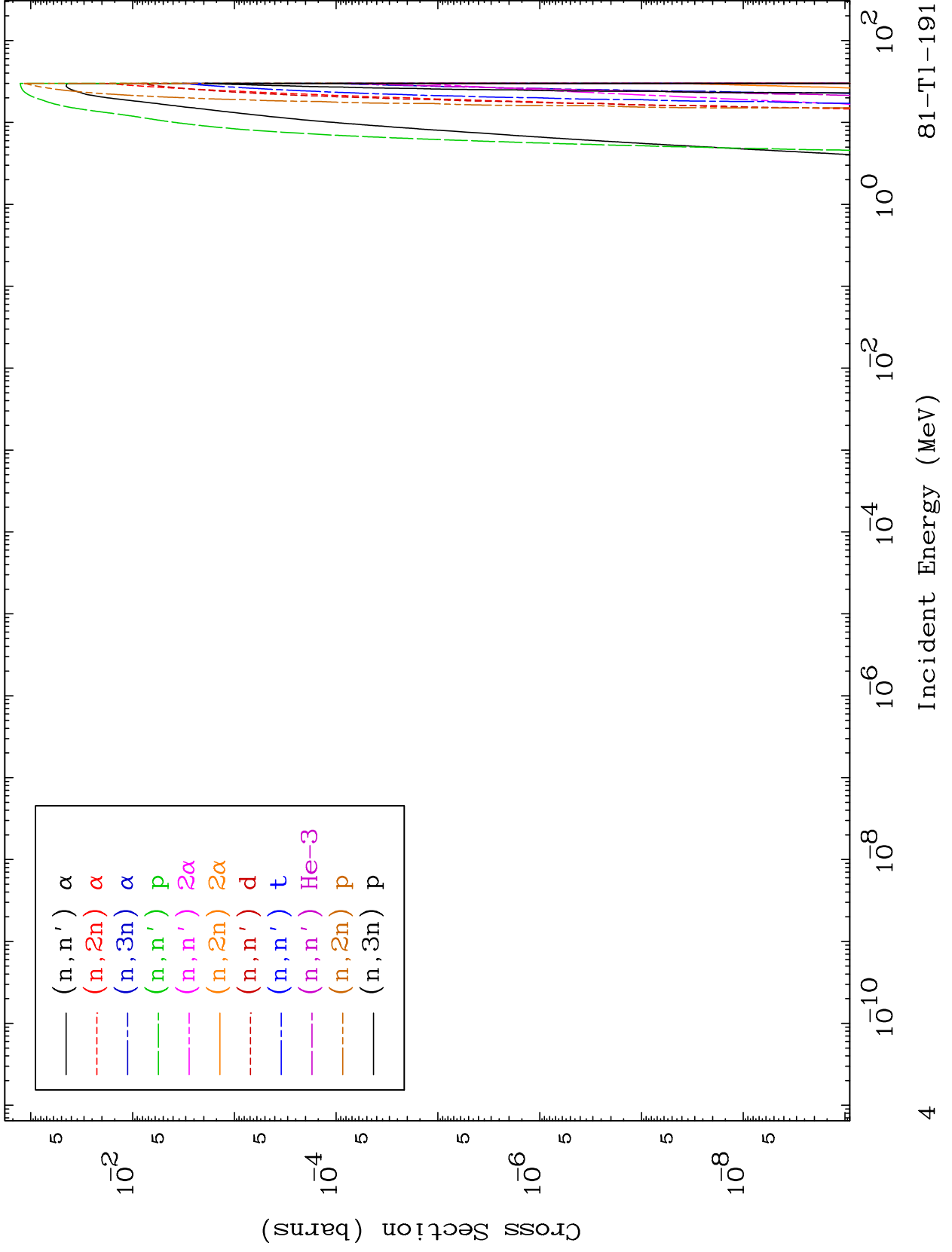




MAT 8089

Charged Particle
293 Kelvin Cross Sections

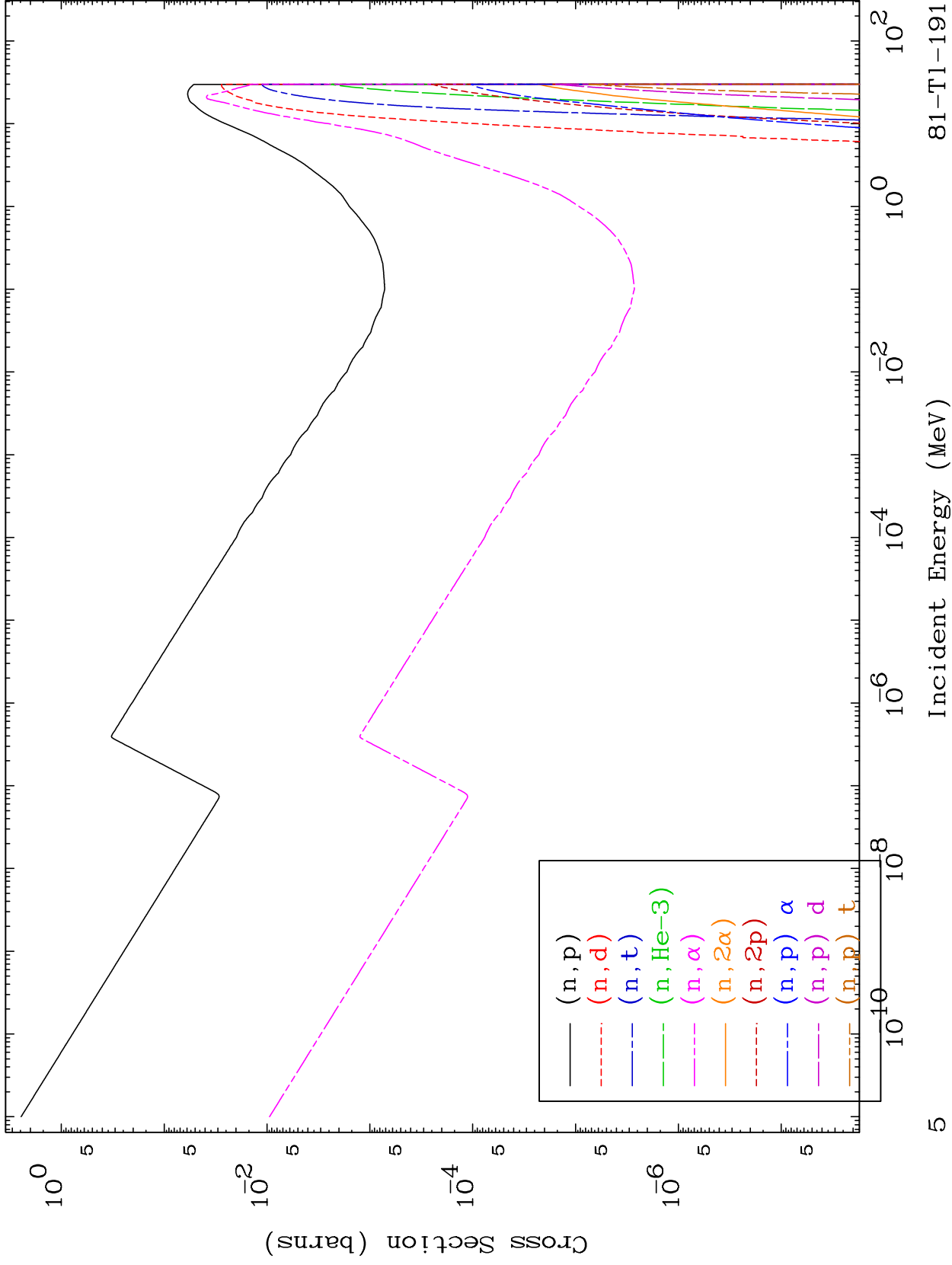
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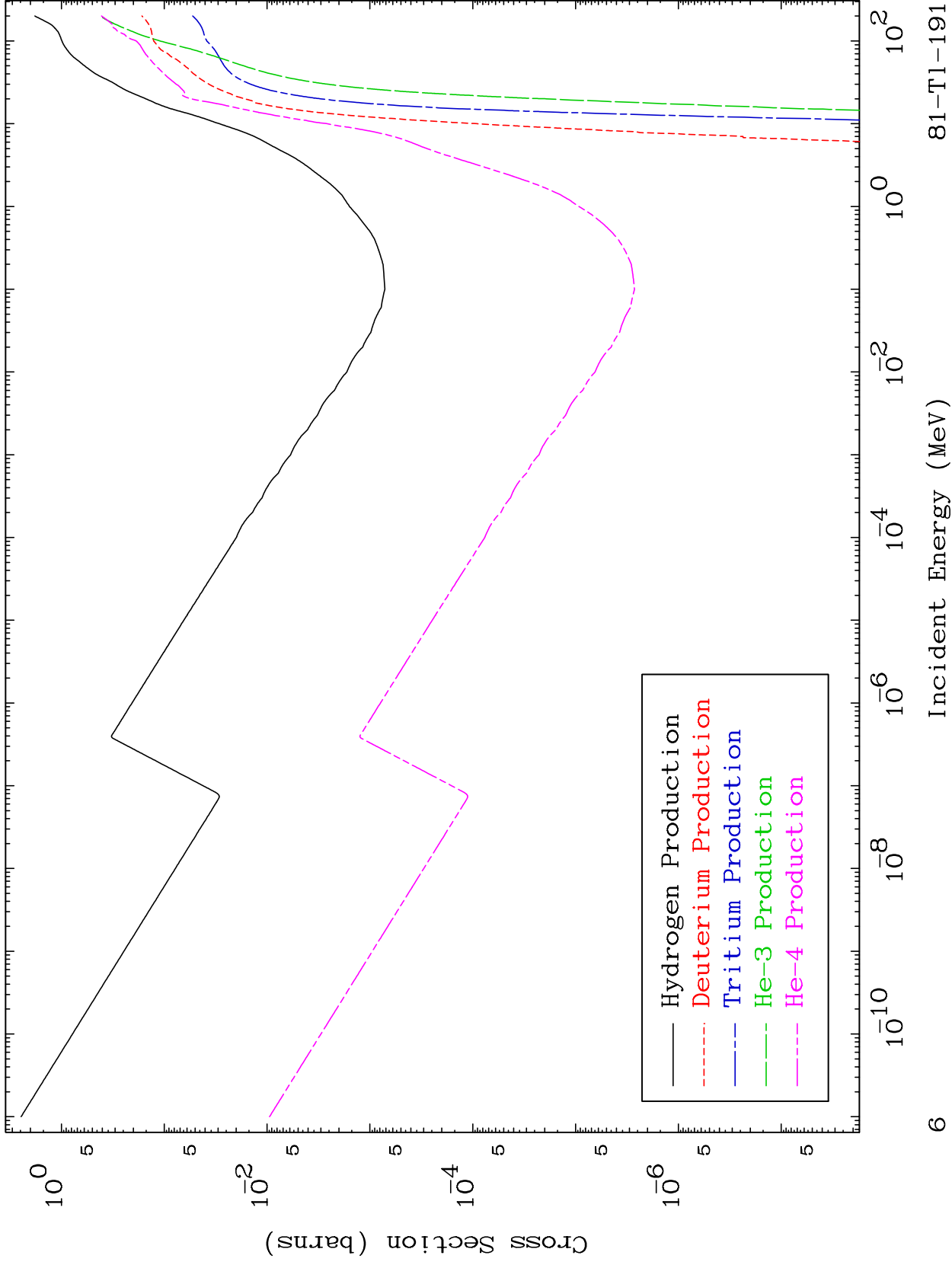


MAT 8089

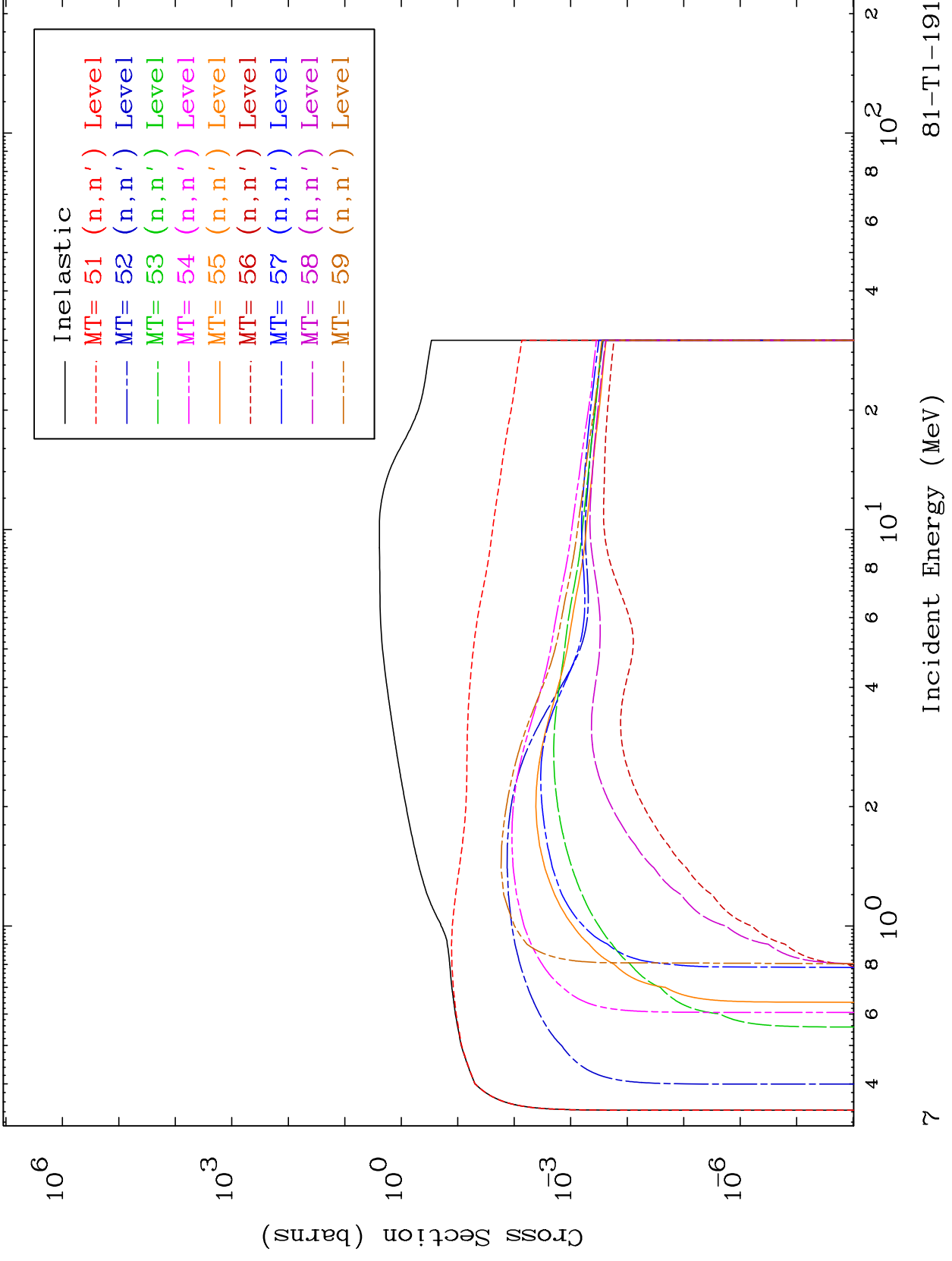
Charged Particle
293 Kelvin Cross Sections

81-Tl-191





293 Kelvin Cross Sections

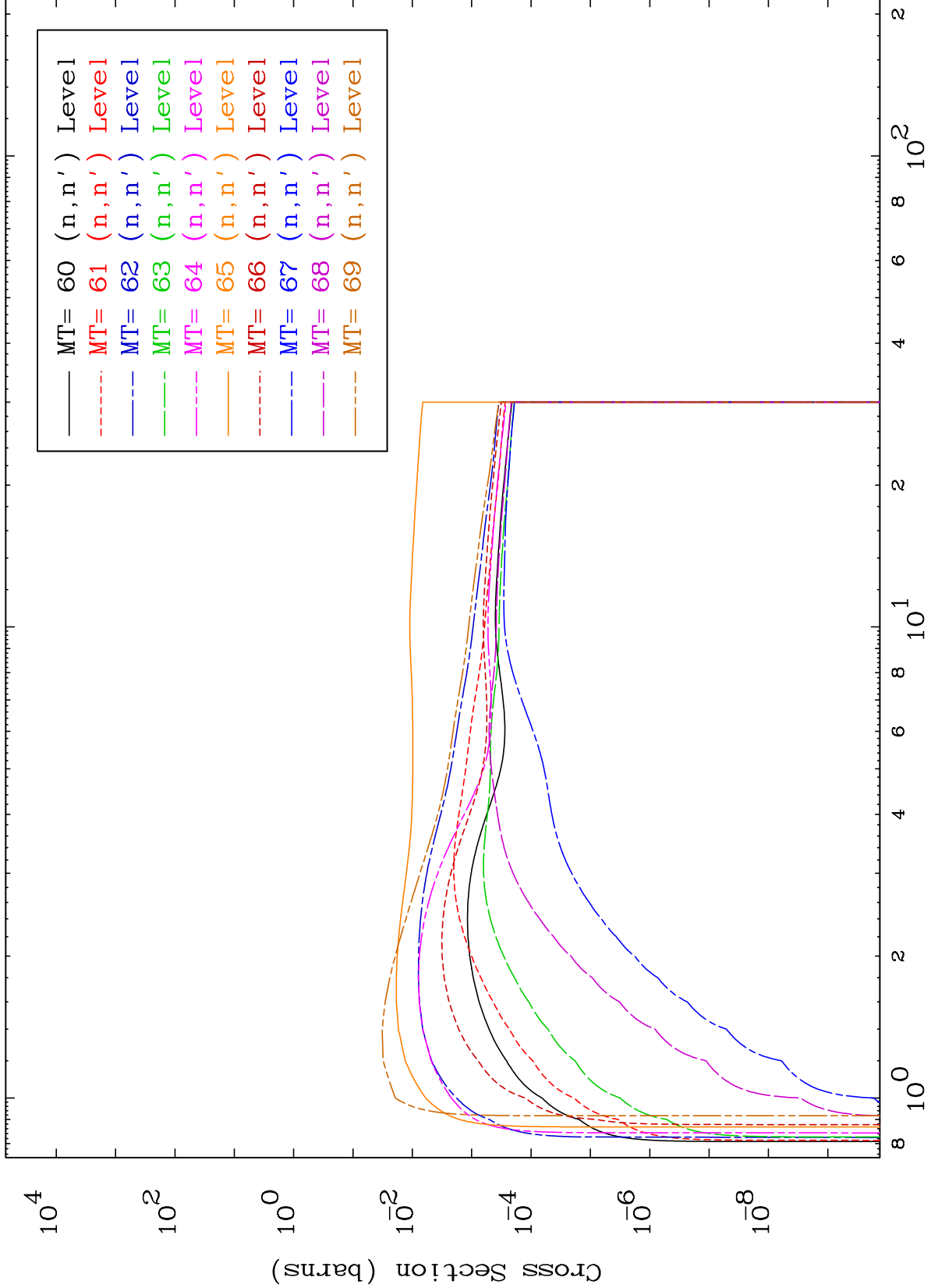


MAT 8089

(n,n') Level

81-Tl-191

293 Kelvin Cross Sections



Incident Energy (MeV)

81-Tl-191

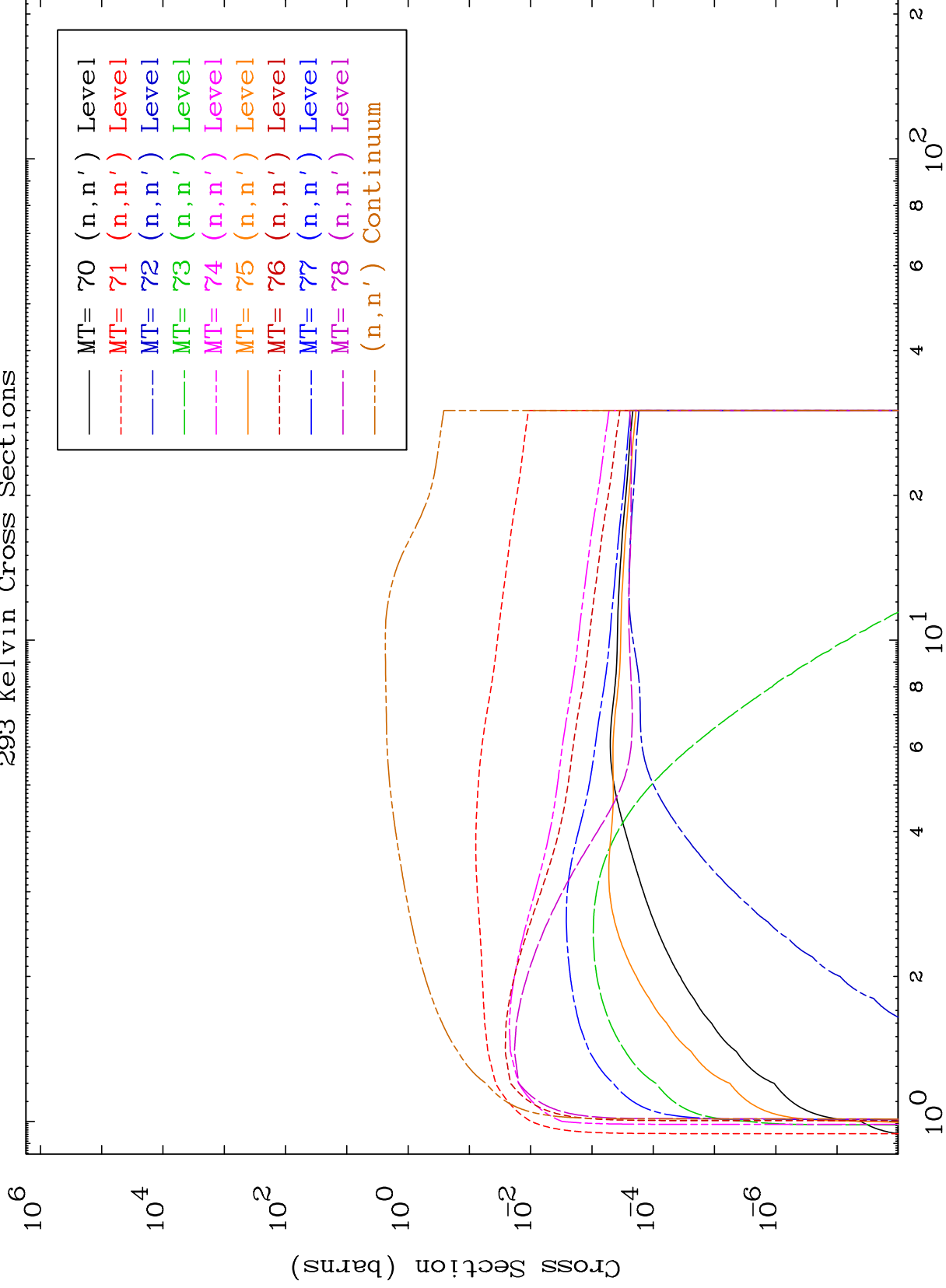
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MAT 8089

(n,n') Level

81-Tl-191

293 Kelvin Cross Sections



Incident Energy (MeV)

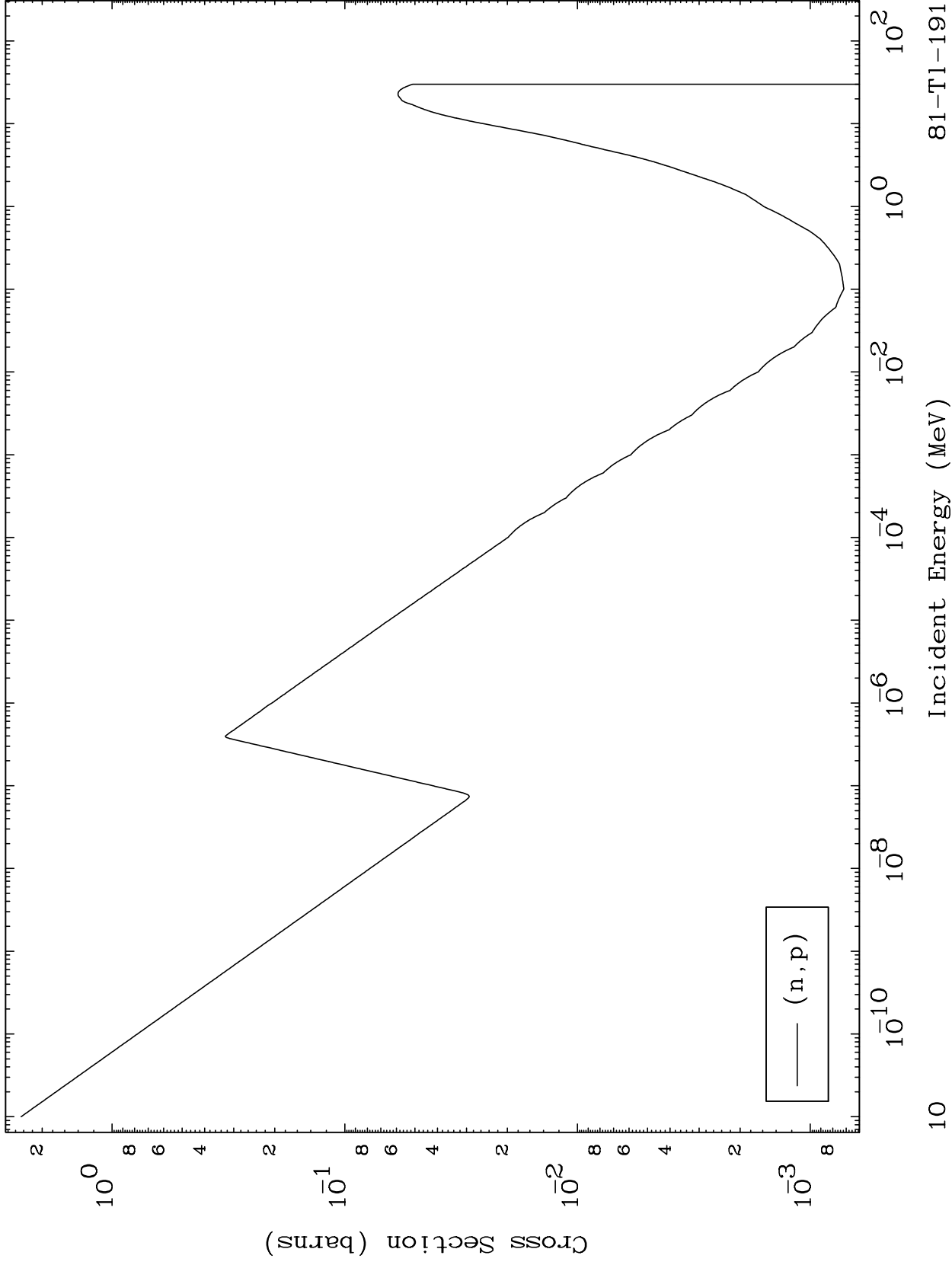
81-Tl-191

9

MAT 8089

(n,p) Levels
293 Kelvin Cross Sections

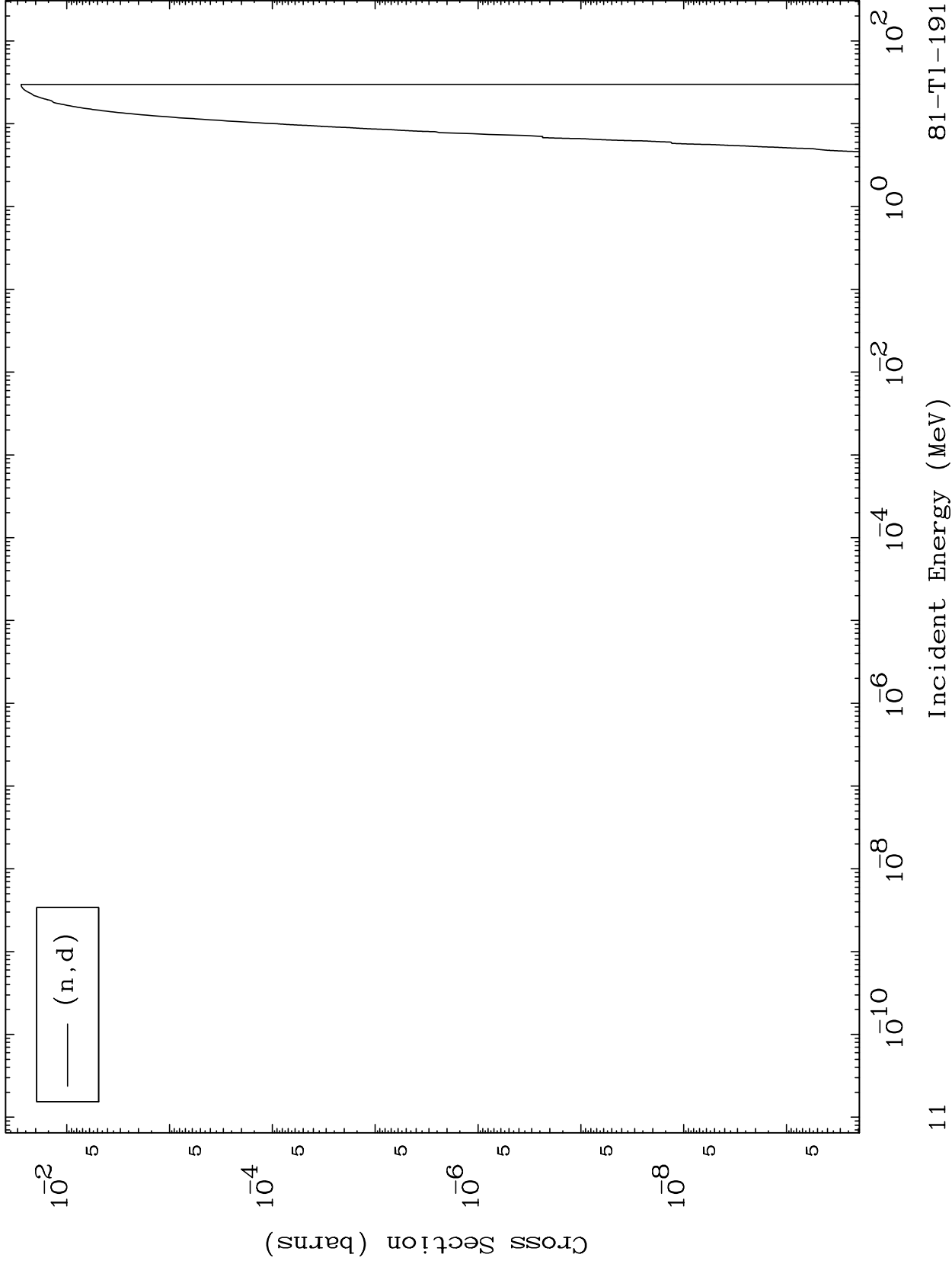
81-Tl-191



MAT 8089

(n,d) Levels
293 Kelvin Cross Sections

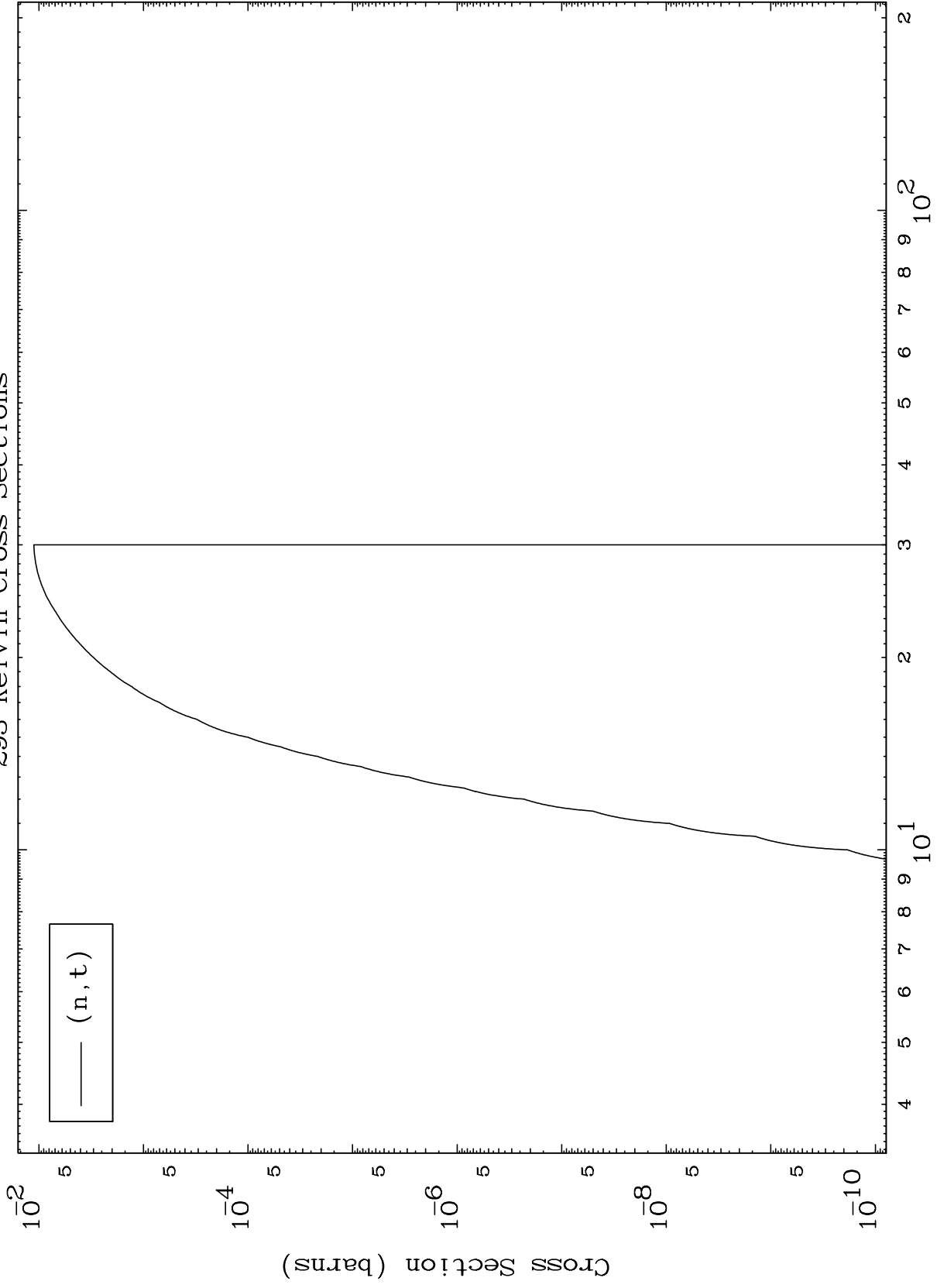
81-Tl-191



MAT 8089

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-191



12

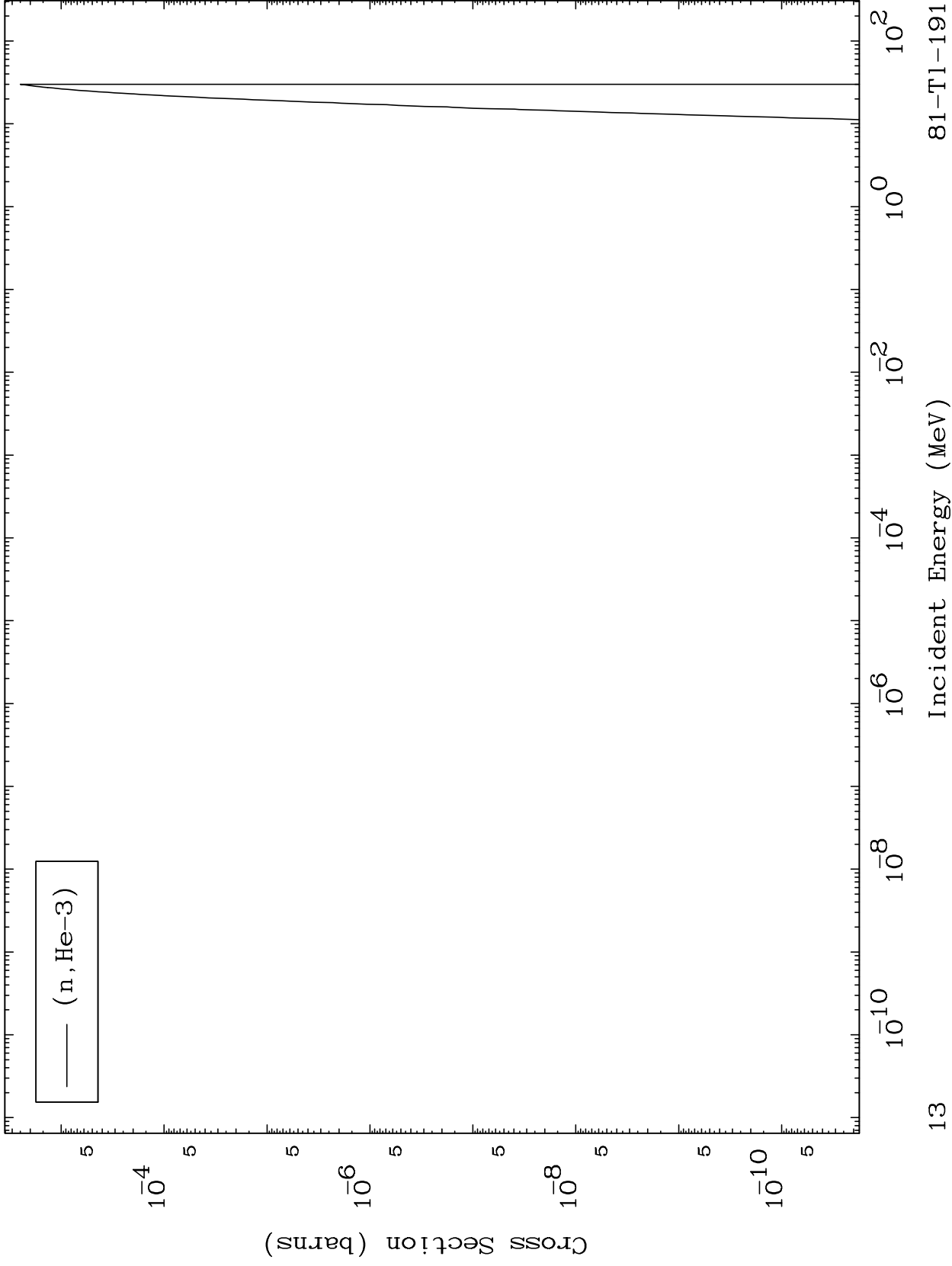
Incident Energy (MeV)

81-Tl-191

MAT 8089

(n,He3) Levels
293 Kelvin Cross Sections

81-Tl-191



13

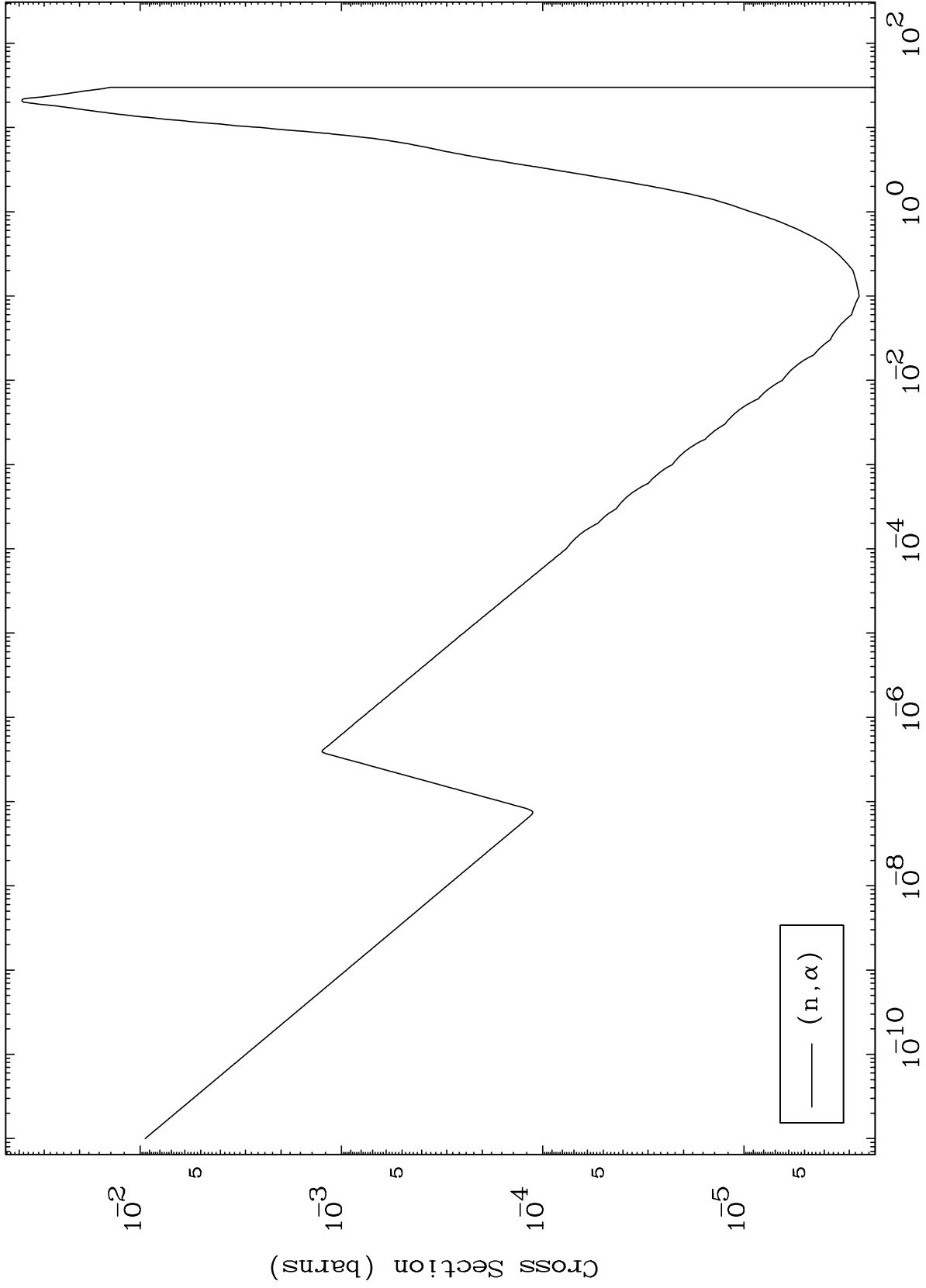
Incident Energy (MeV)

81-Tl-191

MAT 8089

(n,α) Levels
293 Kelvin Cross Sections

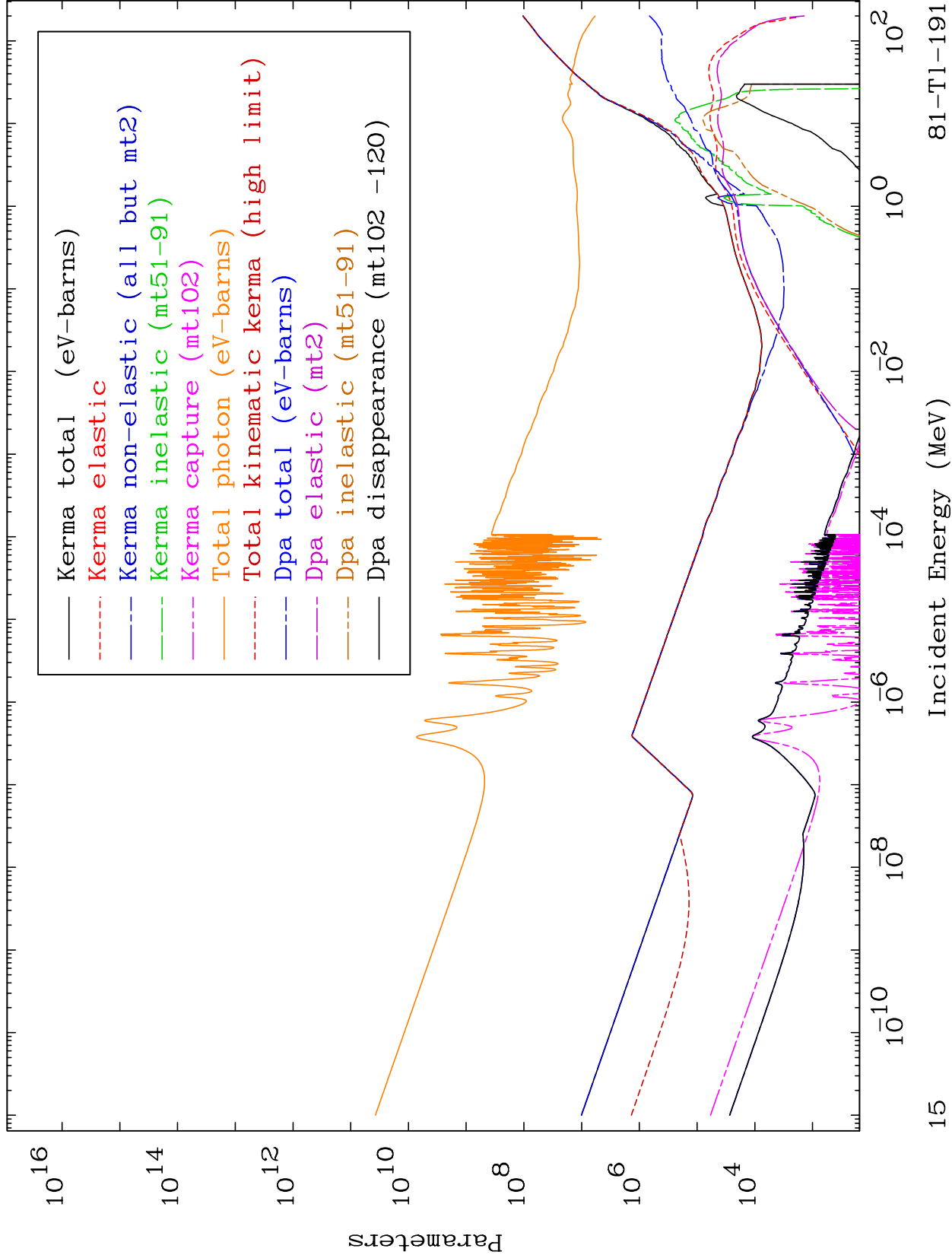
81-Tl-191



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Incident Energy (MeV)

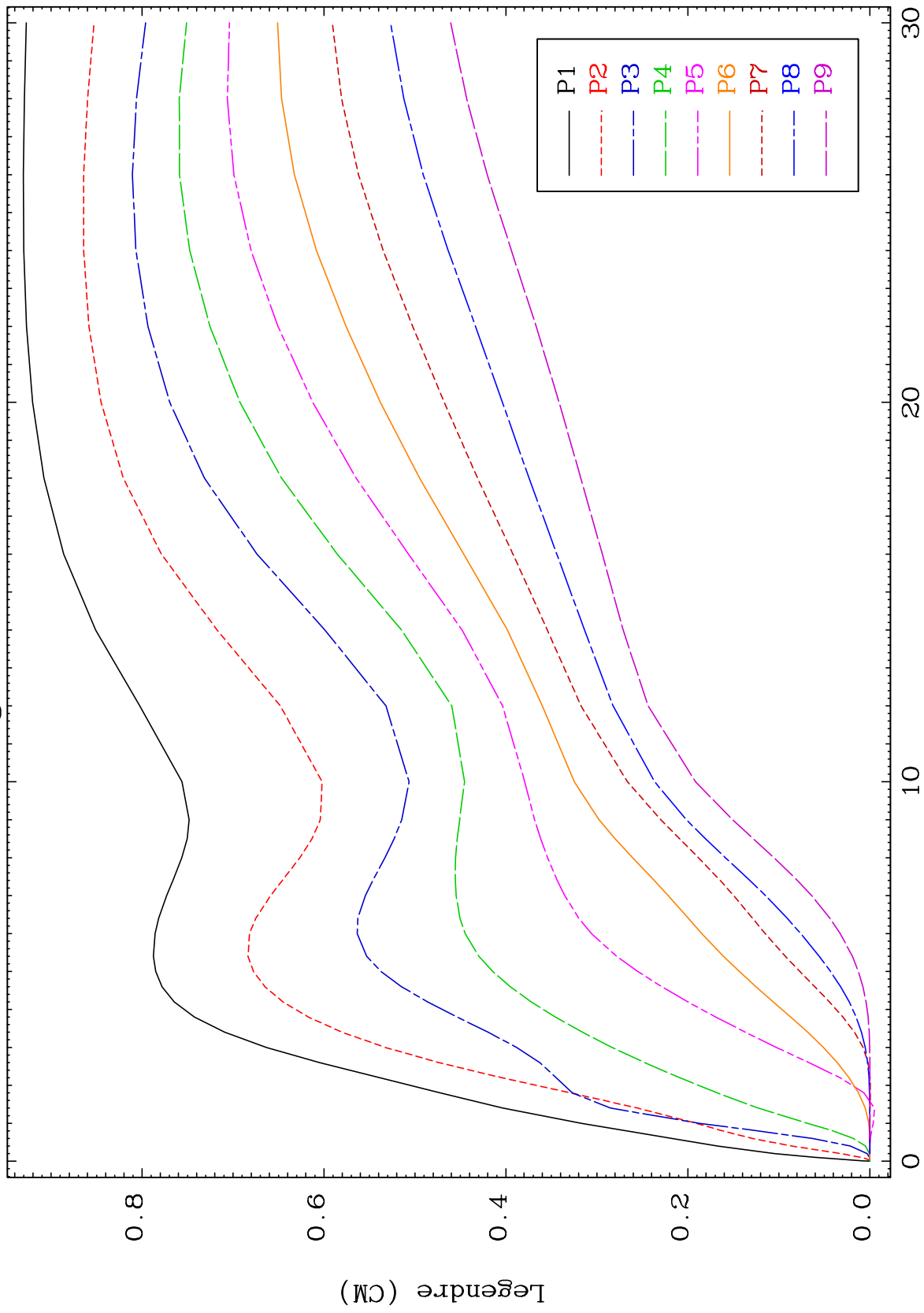
81-Tl-191



MAT 8089

Elastic Legendre Coefficients

81-Tl-191



16

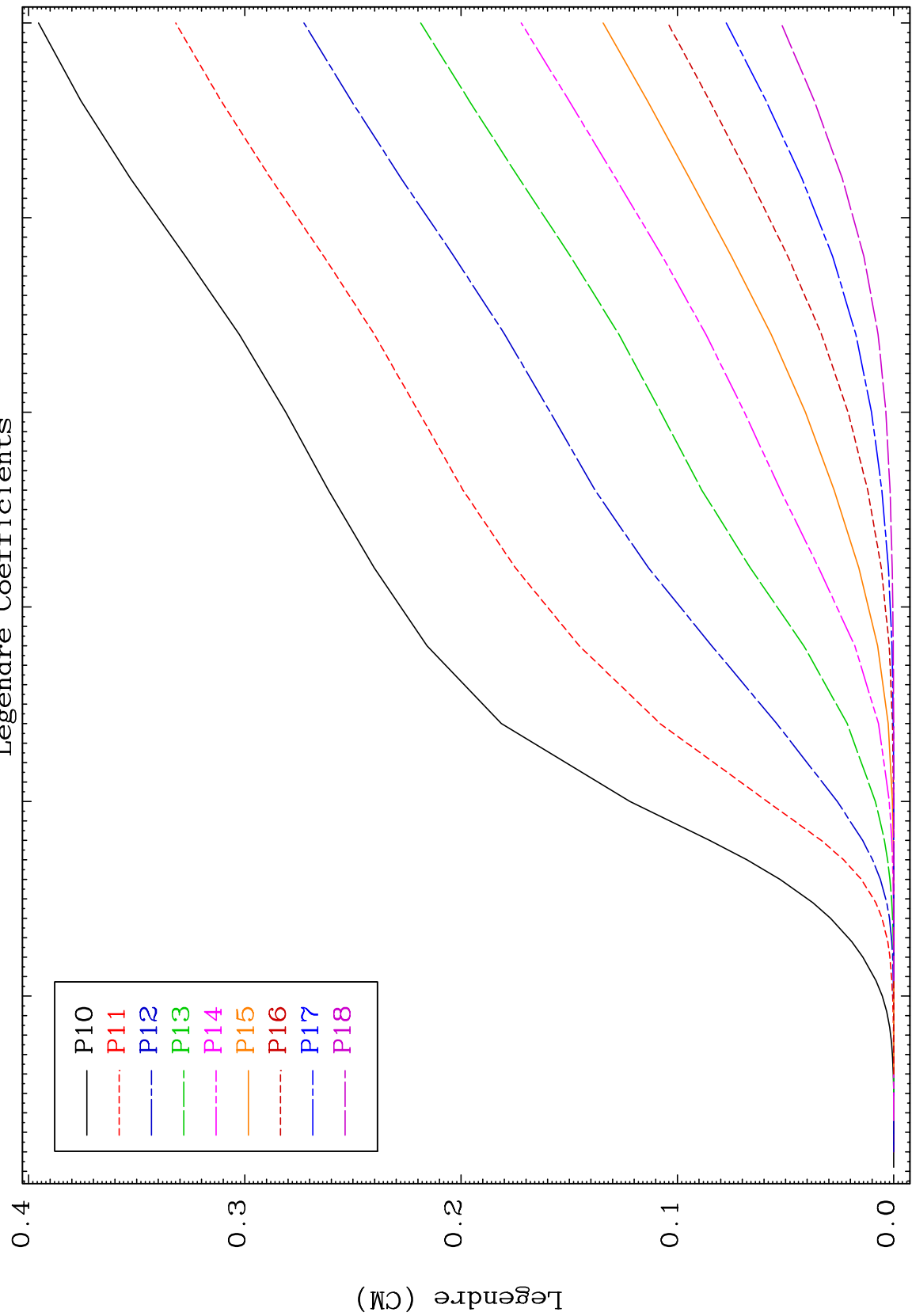
Incident Energy (MeV)

81-Tl-191

MAT 8089

Elastic Legendre Coefficients

81-Tl-191



17

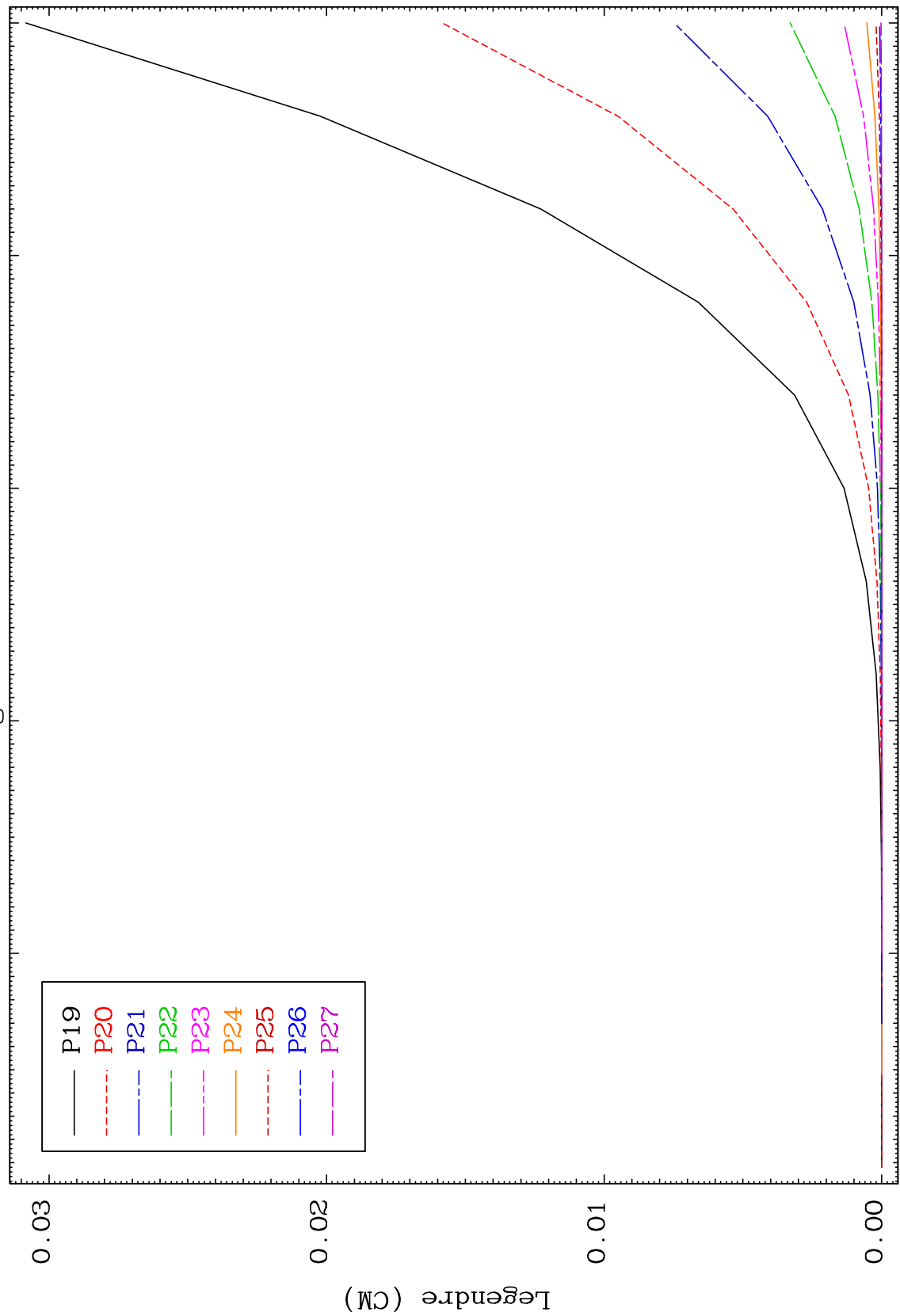
Incident Energy (MeV)

81-Tl-191

MAT 8089

Elastic Legendre Coefficients

81-Tl-191



18

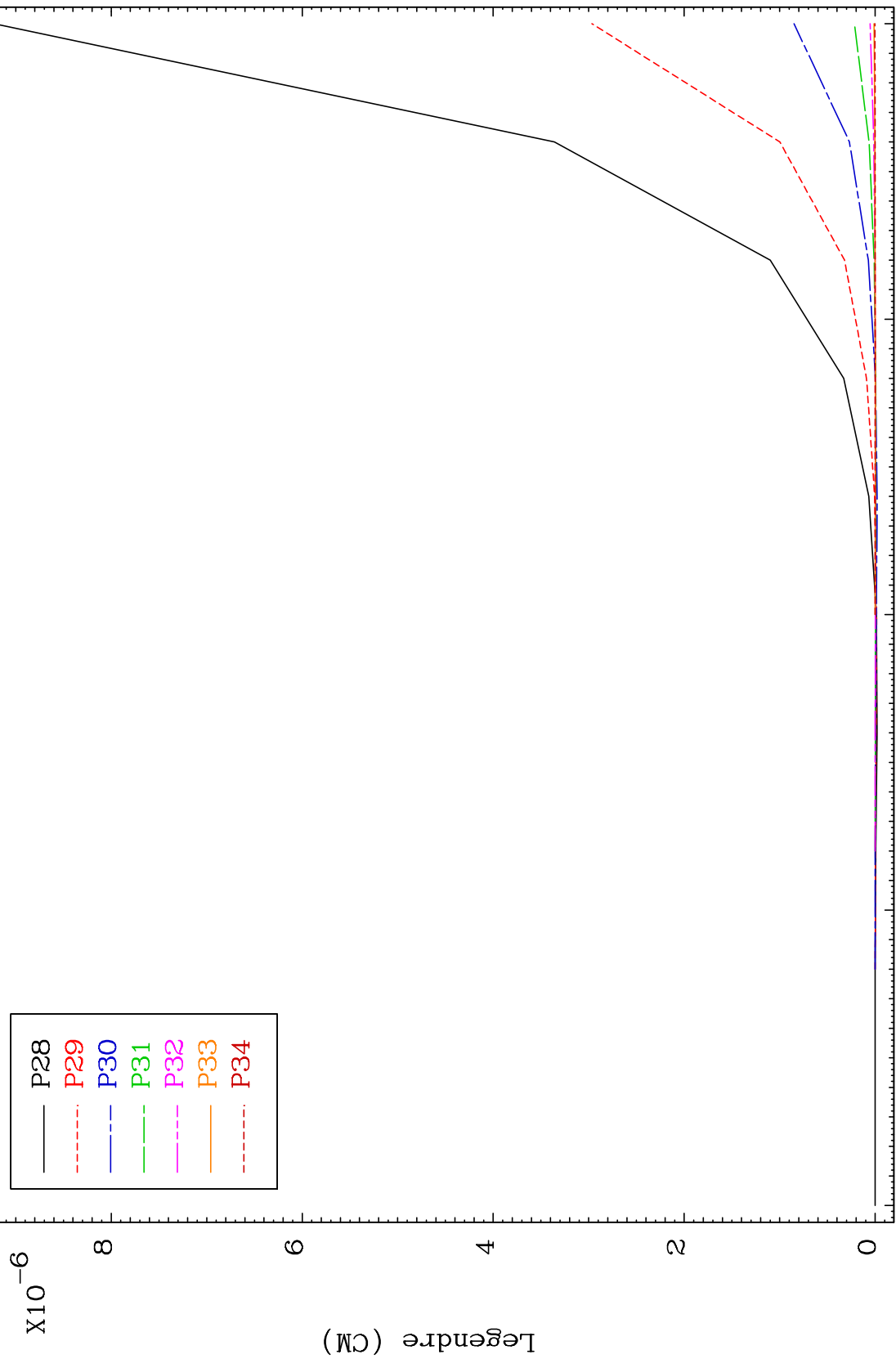
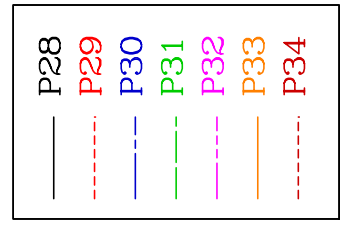
Incident Energy (MeV)

81-Tl-191

MAT 8089

Elastic
Legendre Coefficients

81-Tl-191



19

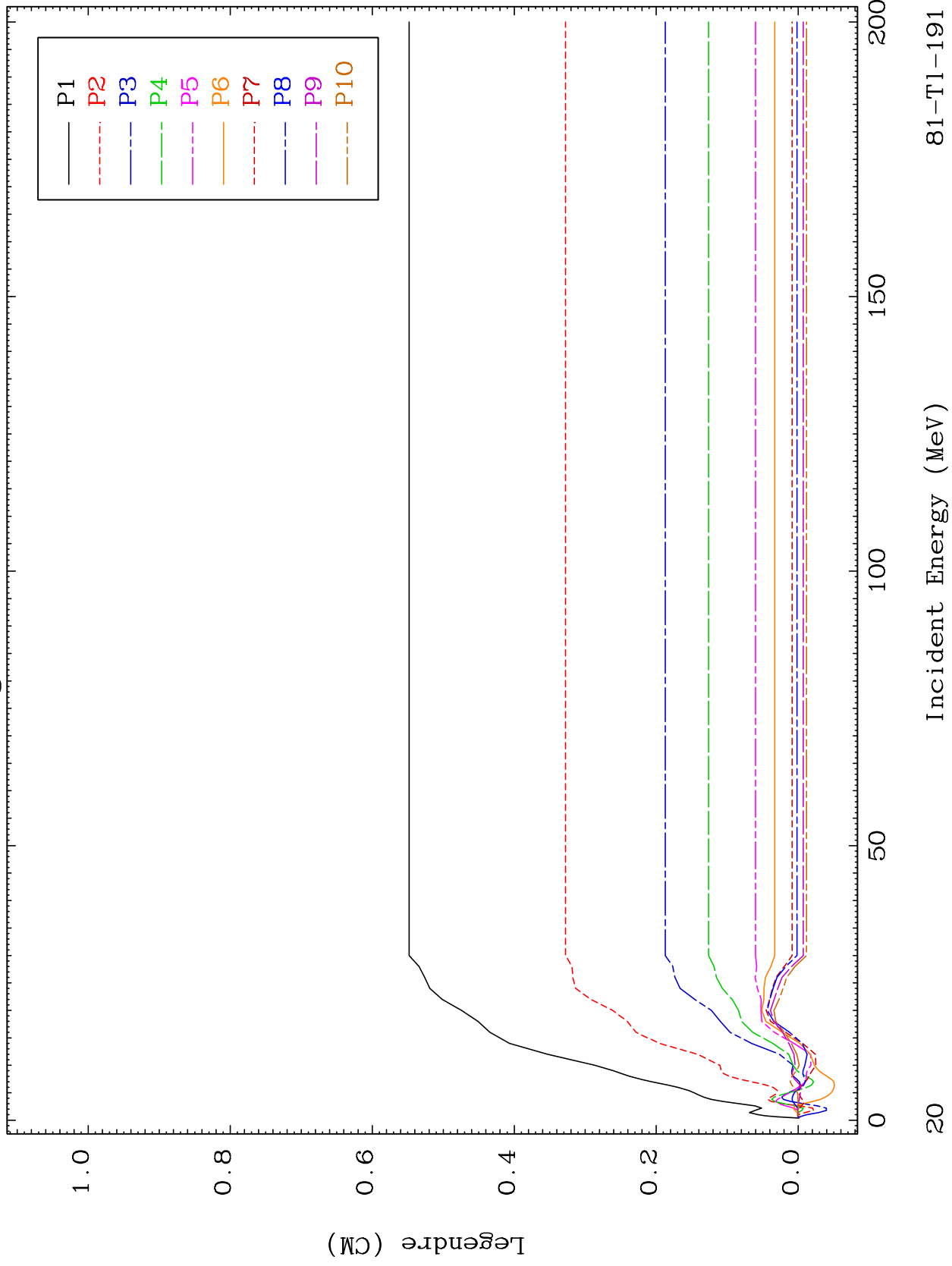
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

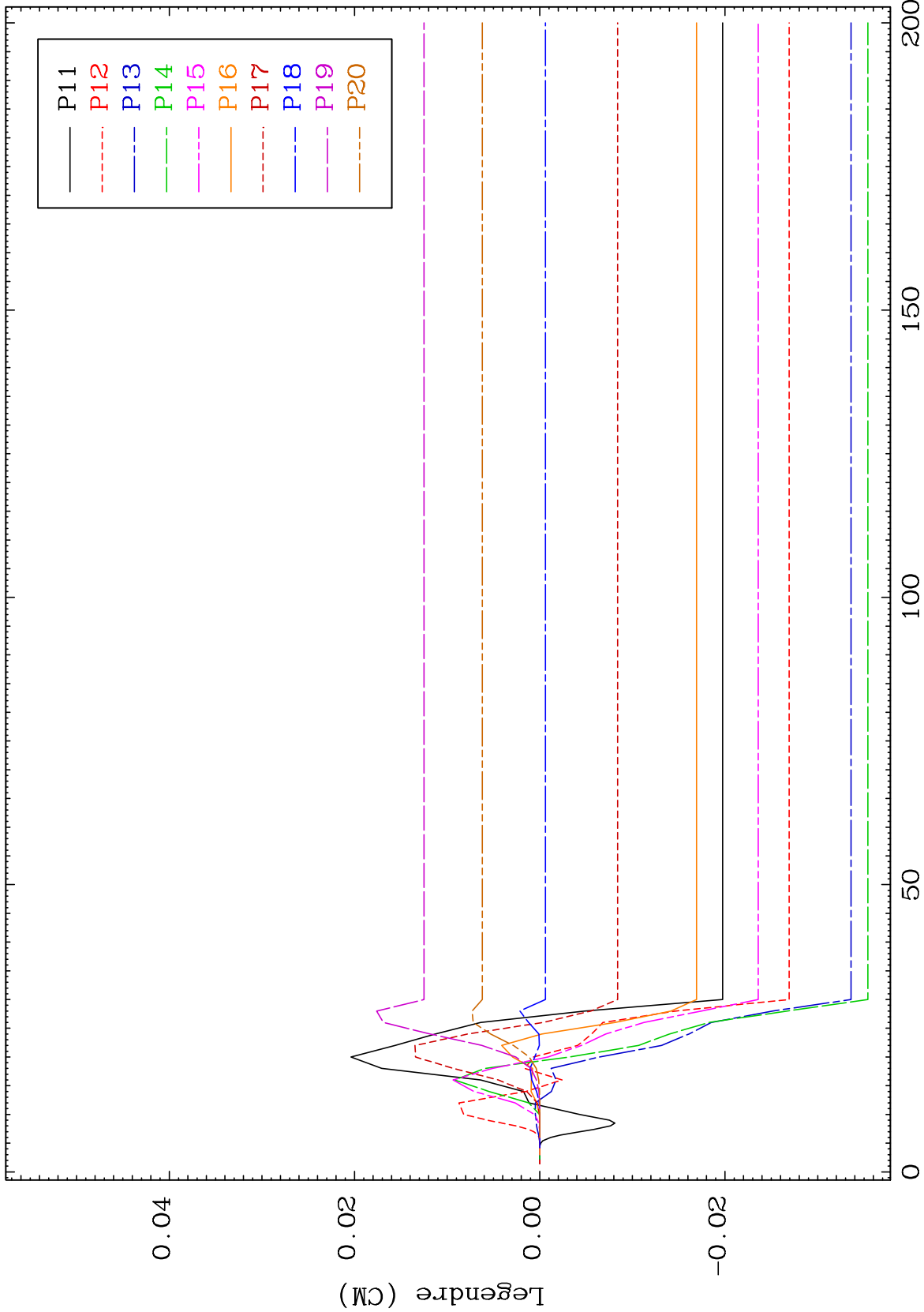
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MAT 8089

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

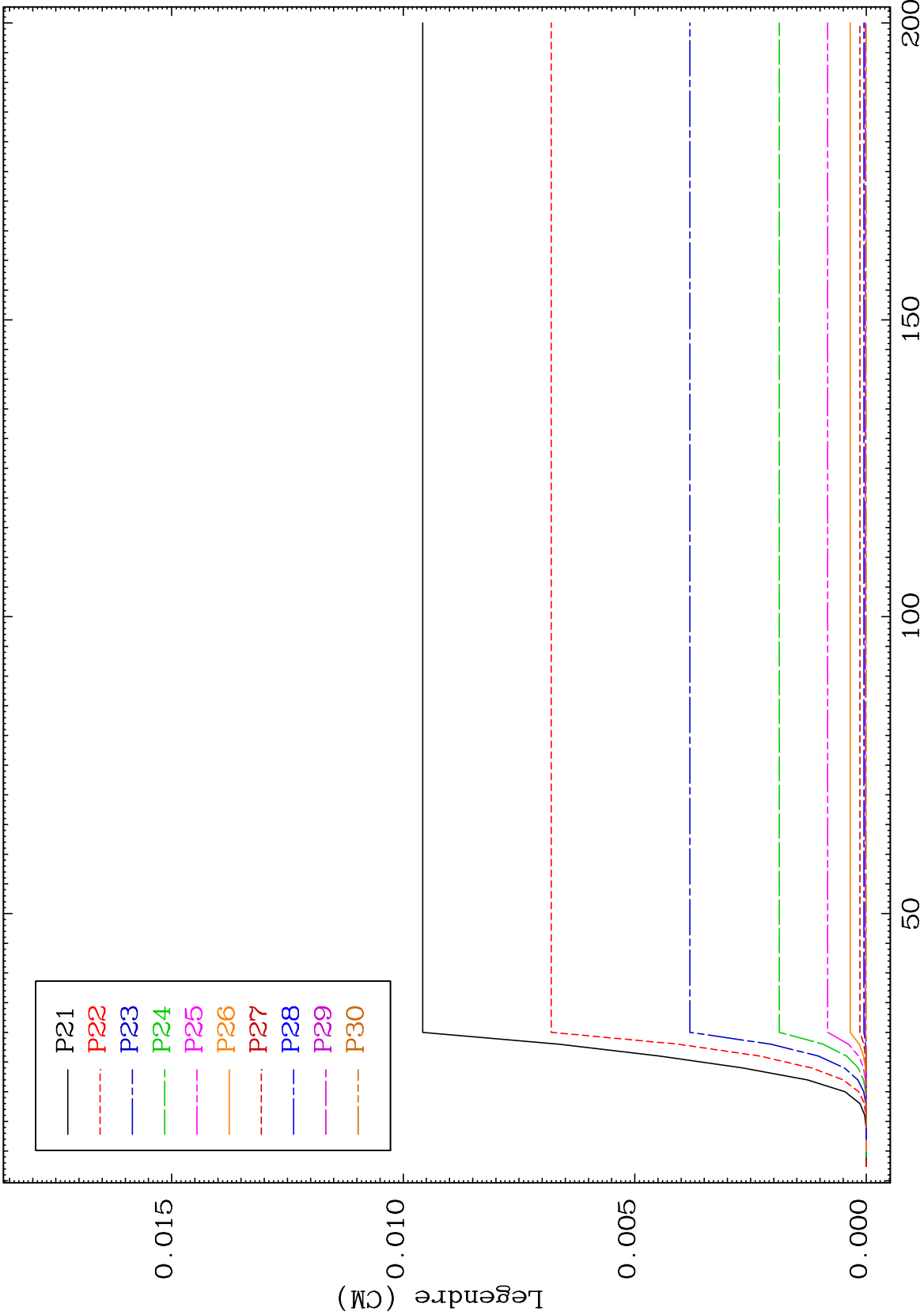
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21

Incident Energy (MeV)

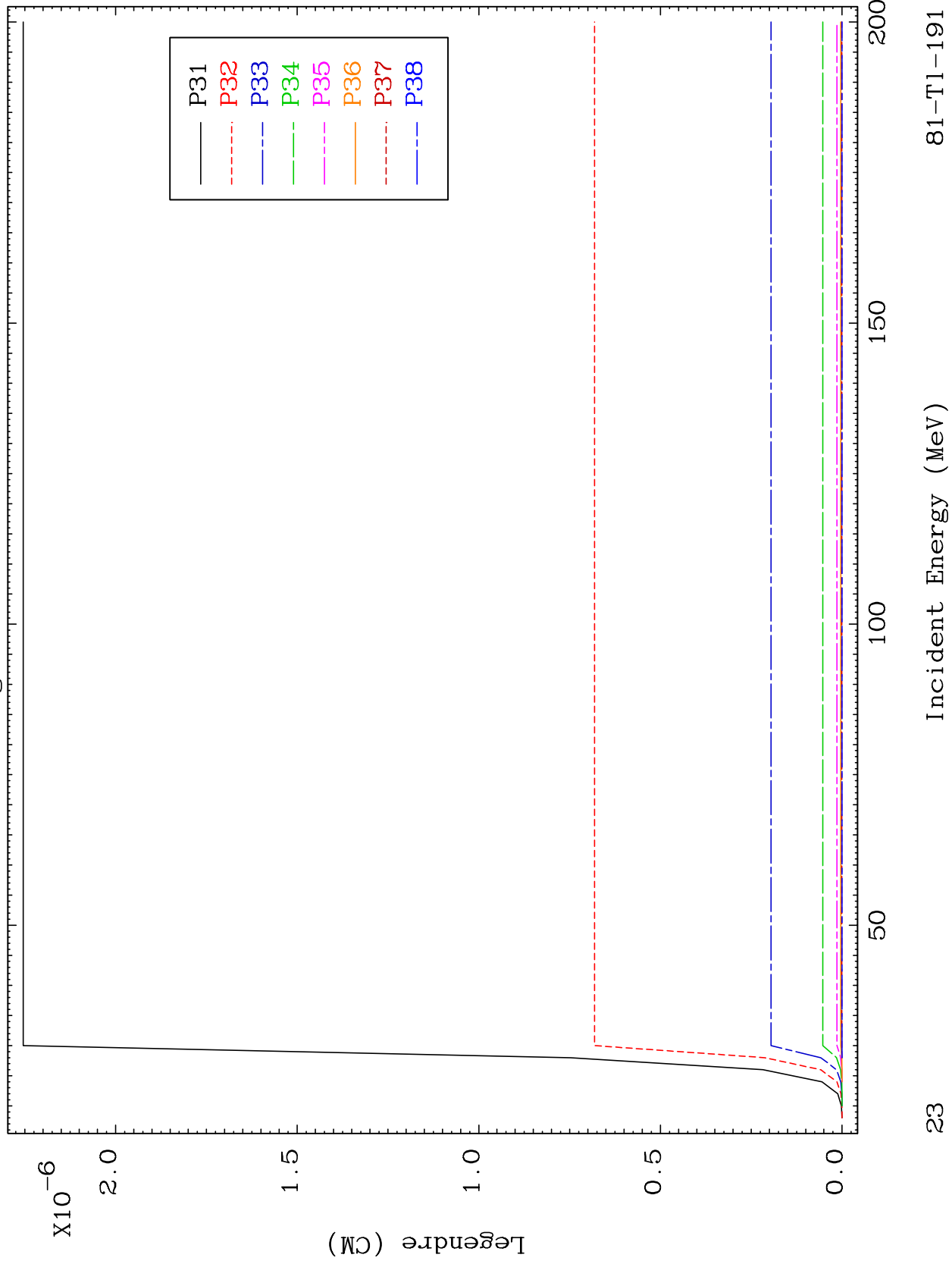
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MAT 8089

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

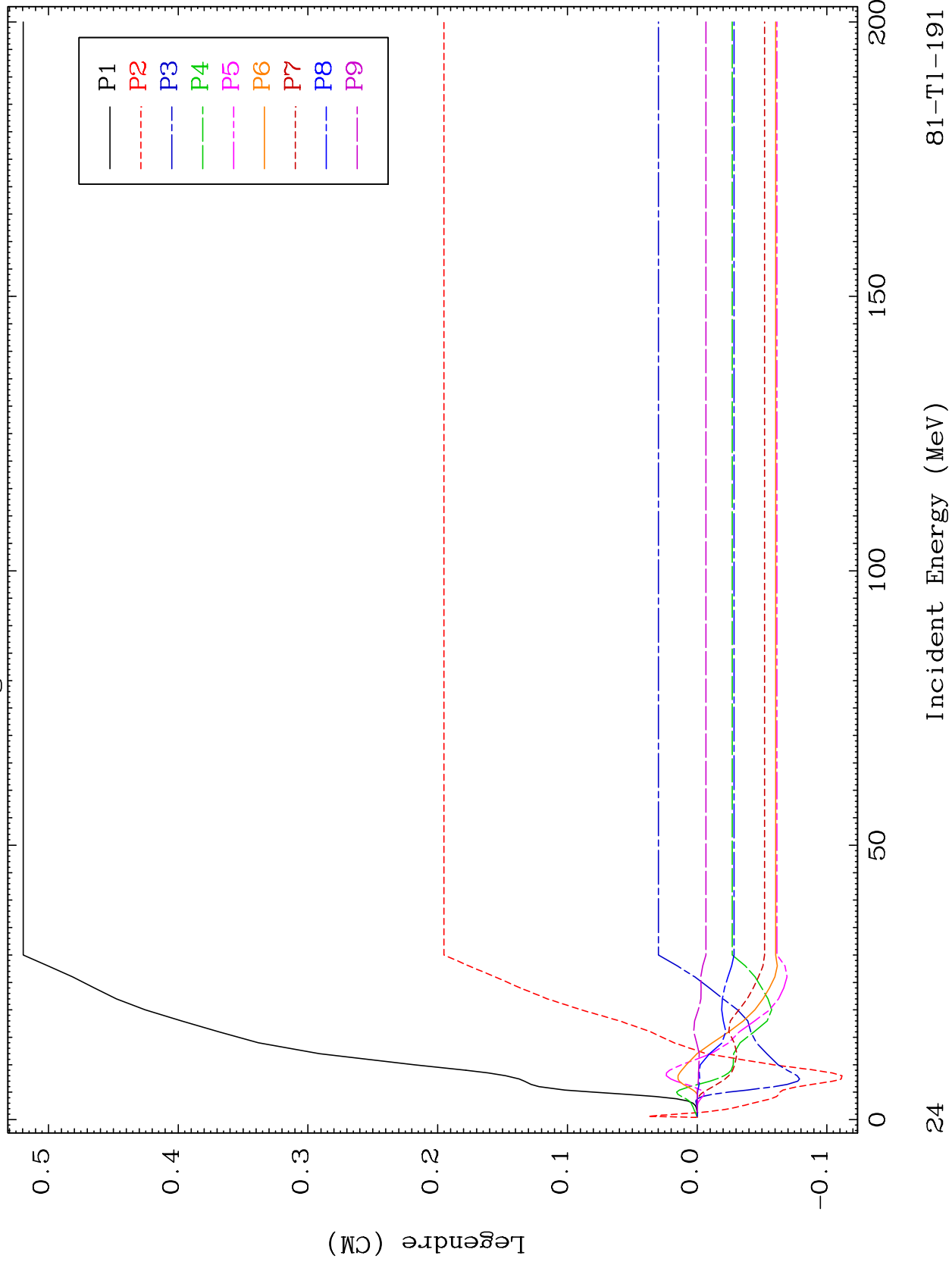
81-Tl-191



MAT 8089

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

81-Tl-191



81-Tl-191

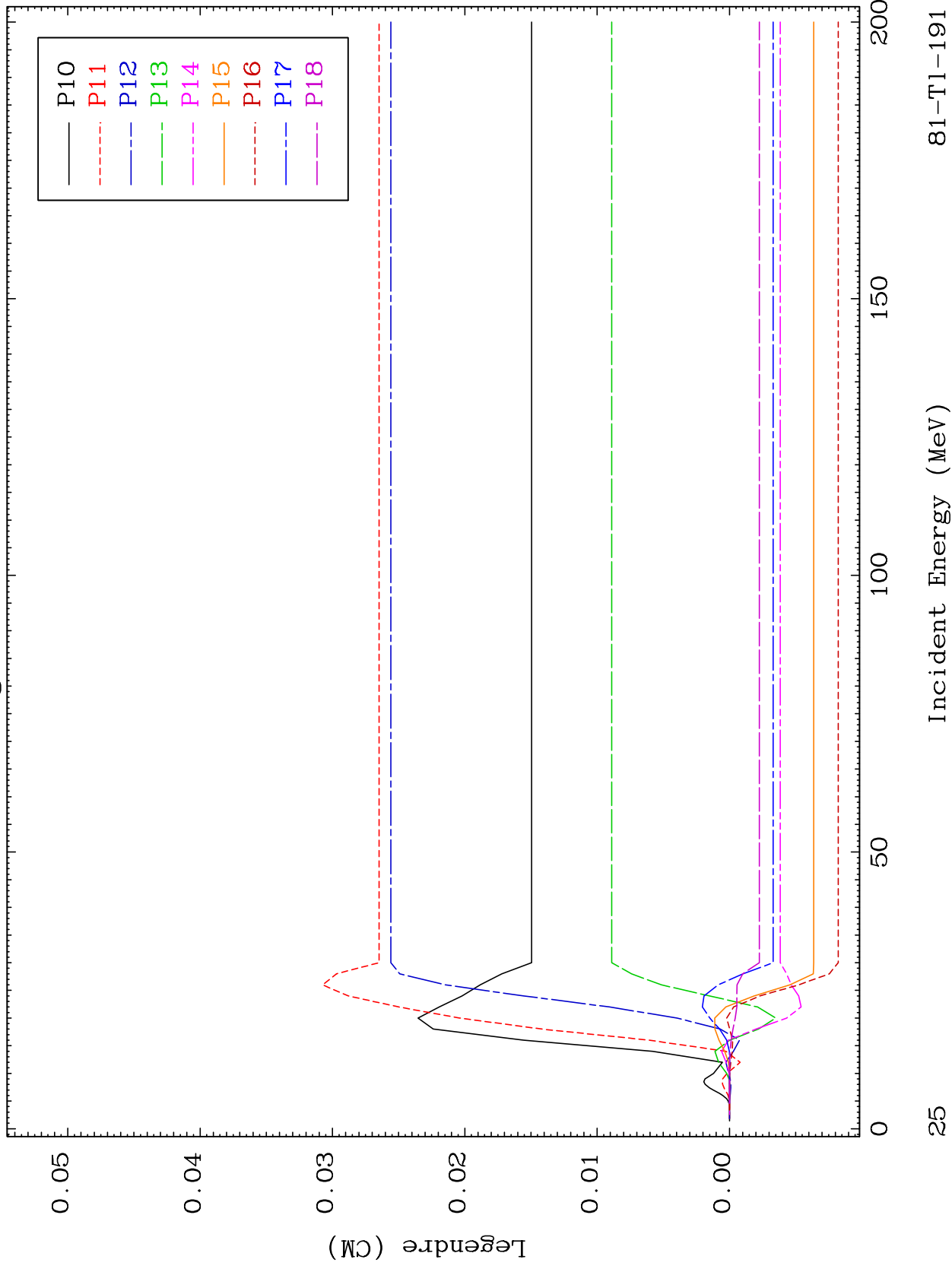
Incident Energy (MeV)

24

MAT 8089

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

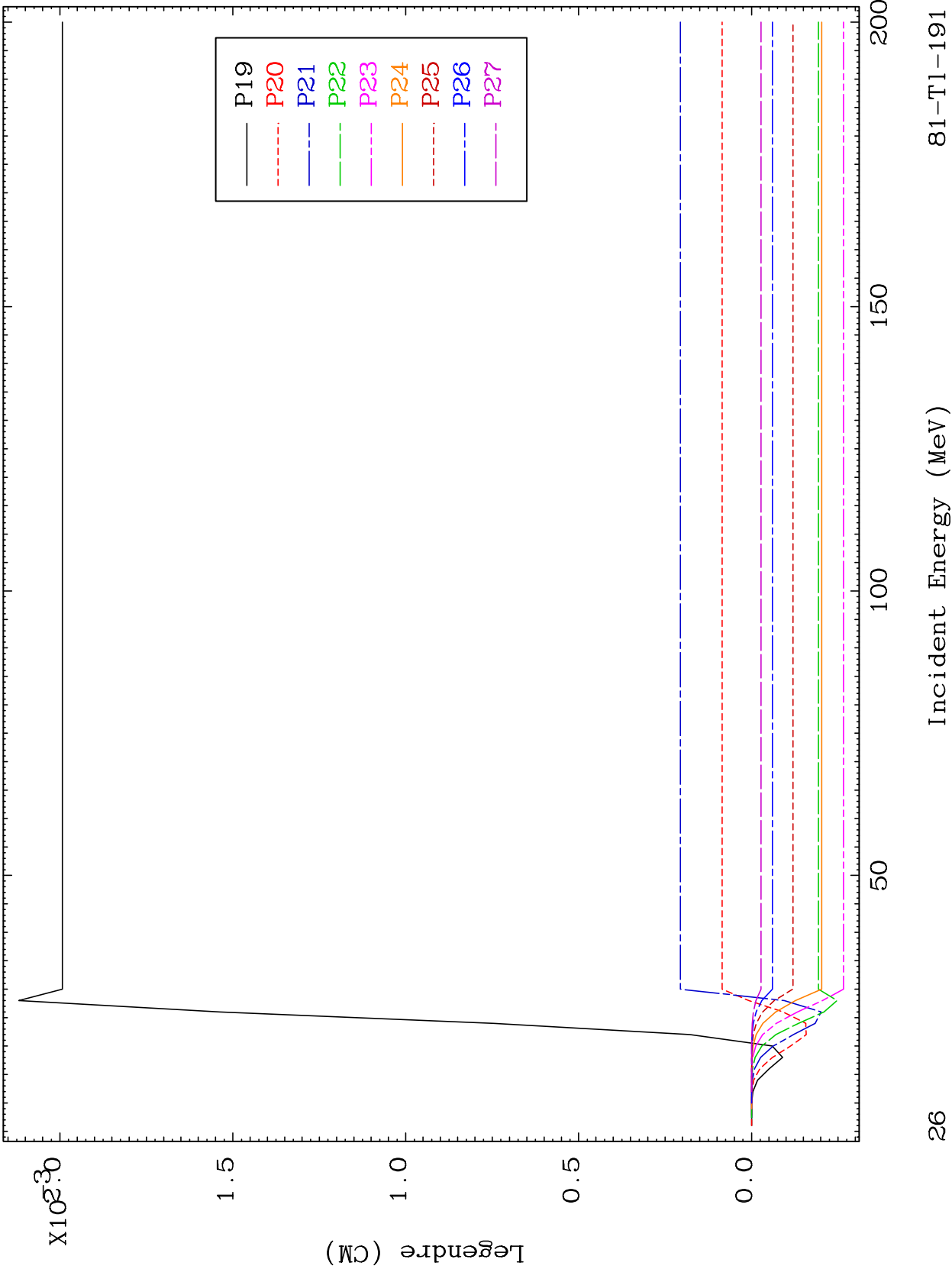
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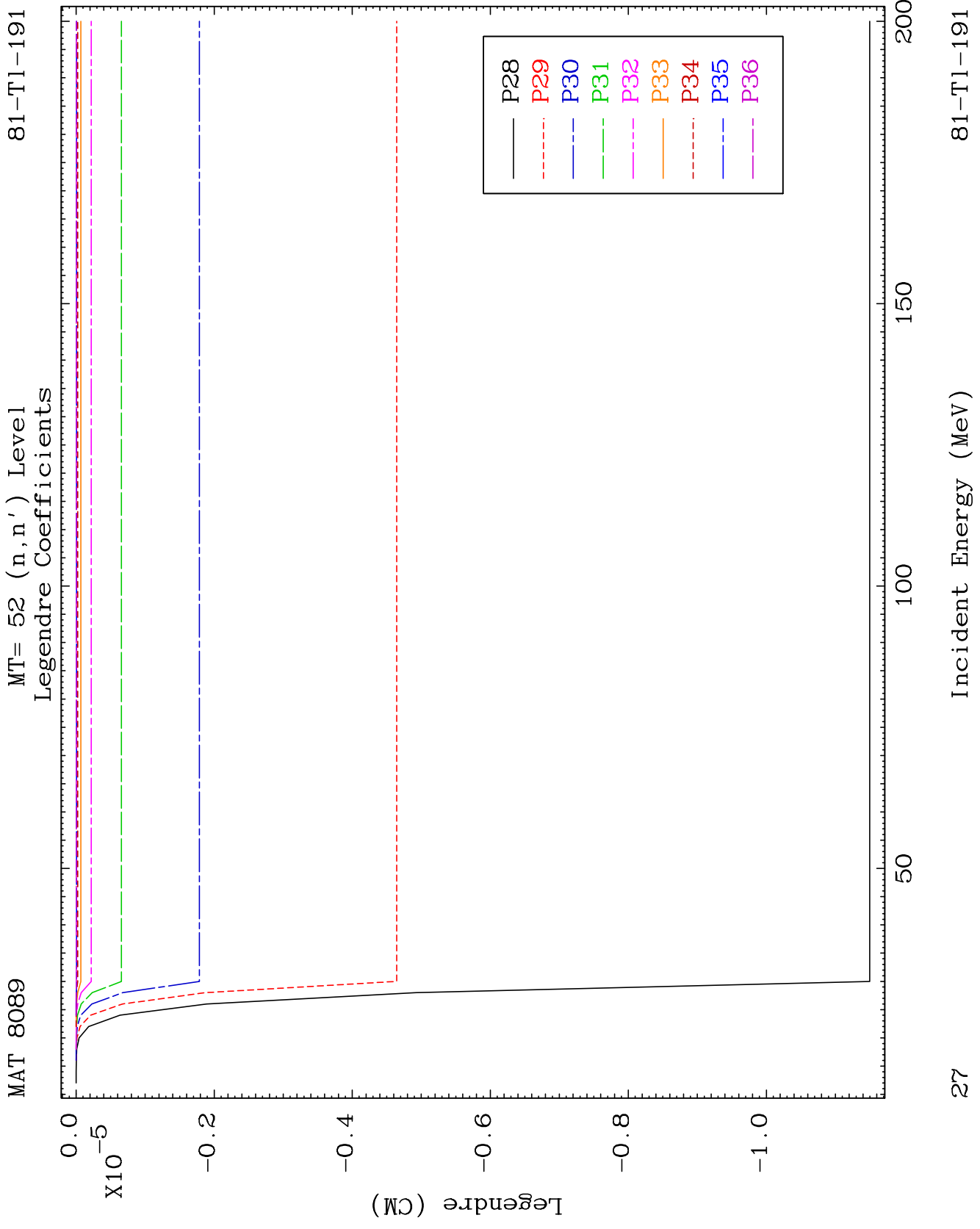


81-Tl-191

Incident Energy (MeV)

25

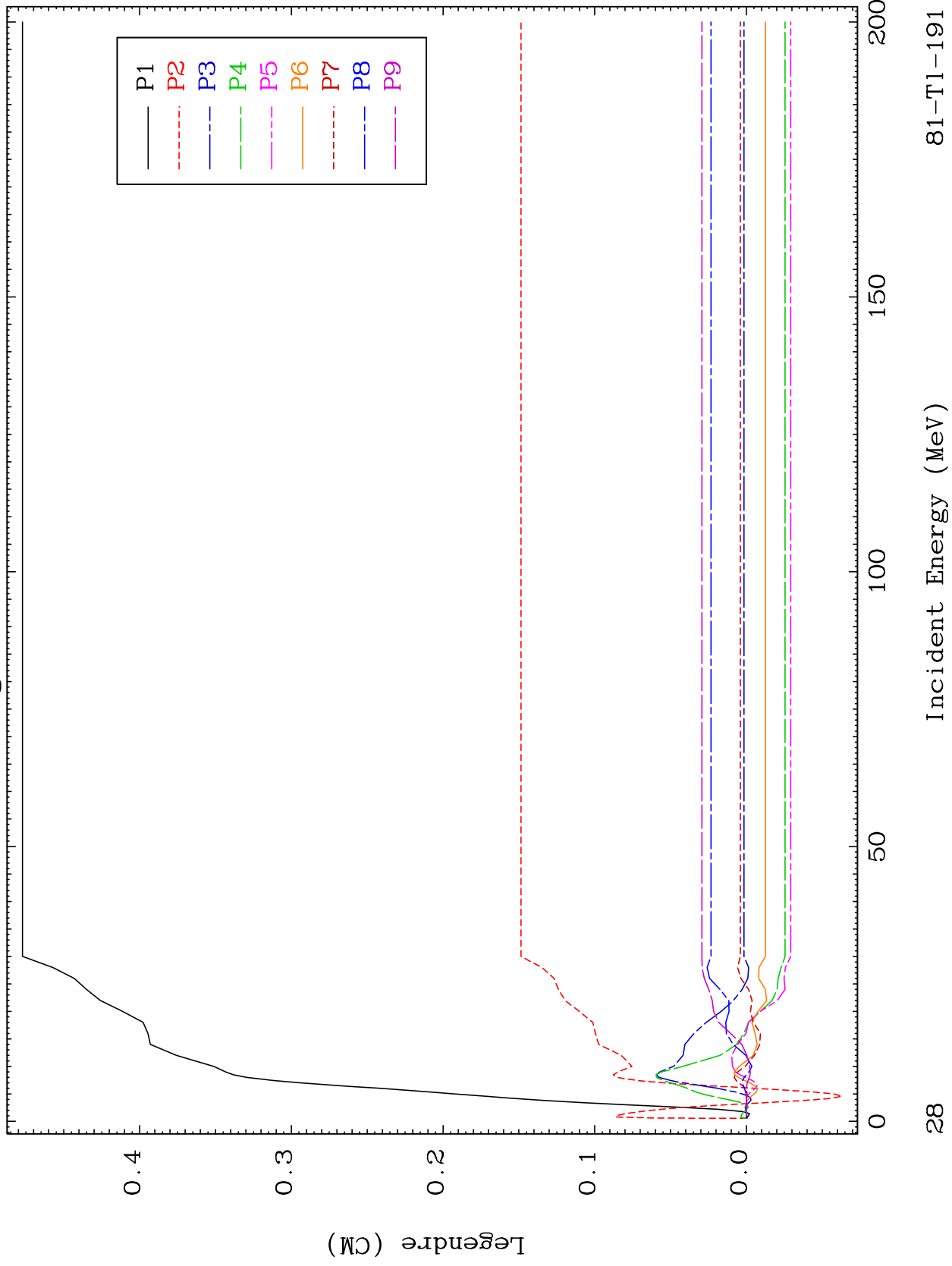




MAT 8089

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

81-Tl-191



28

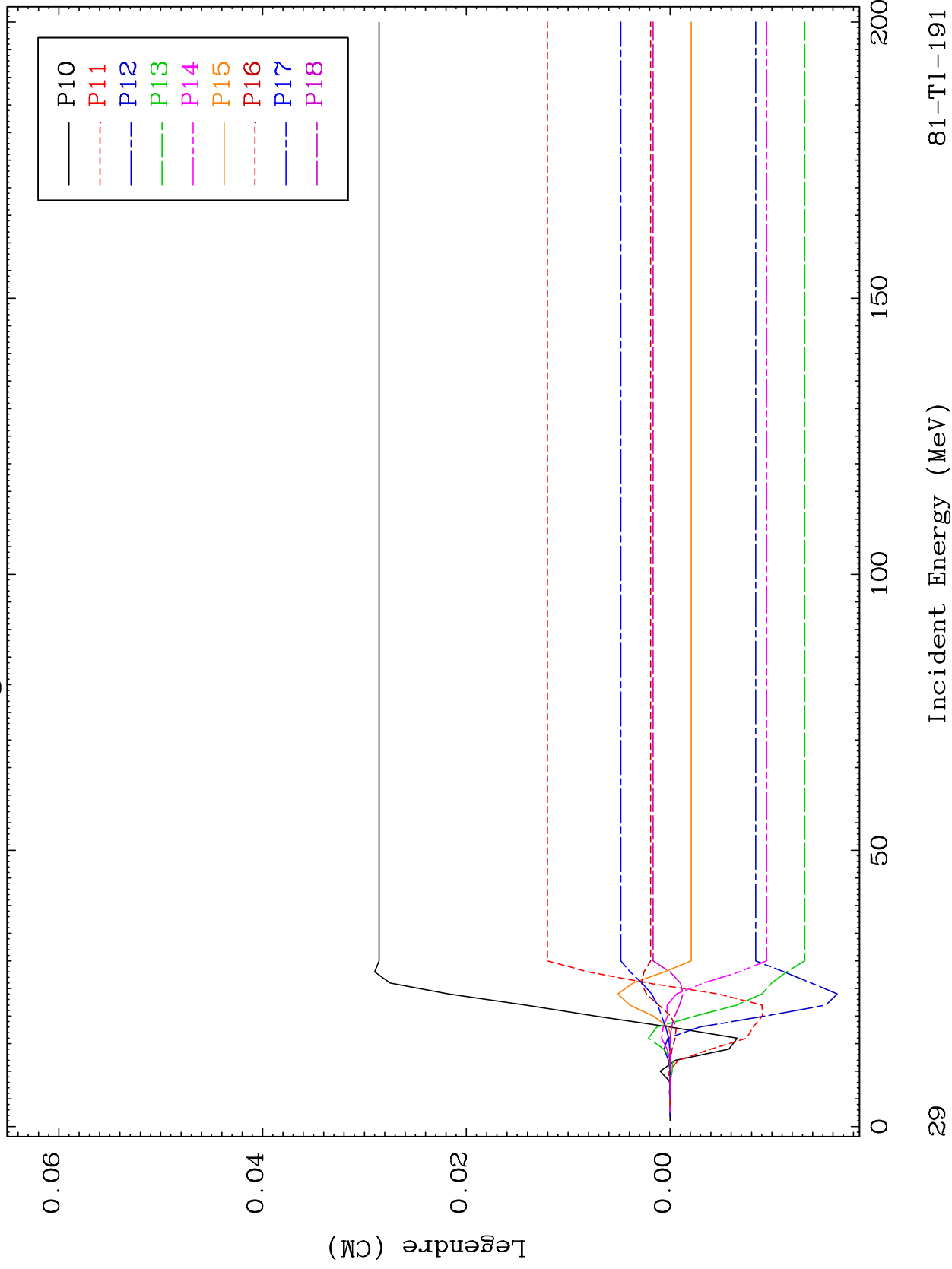
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



29

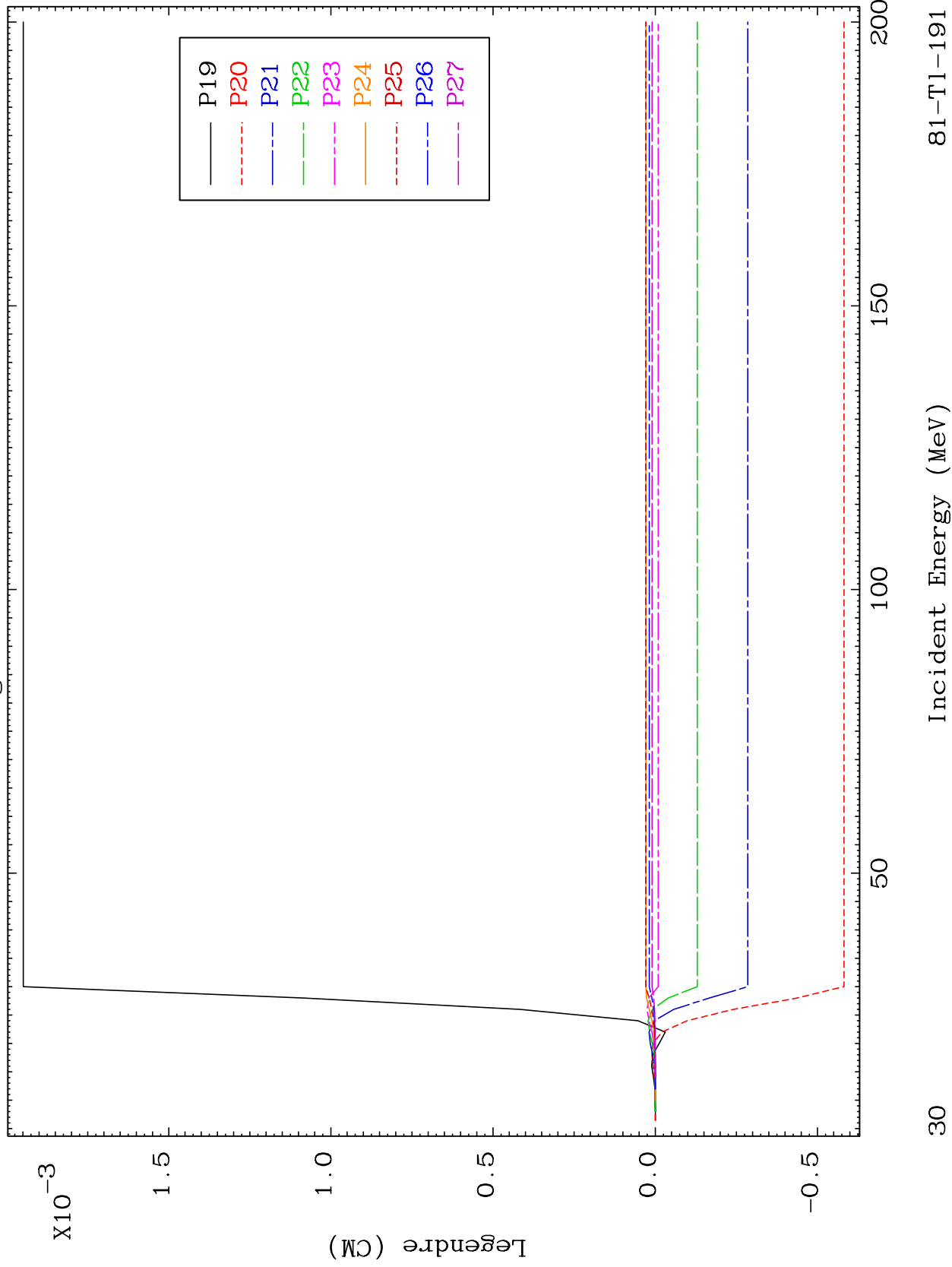
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

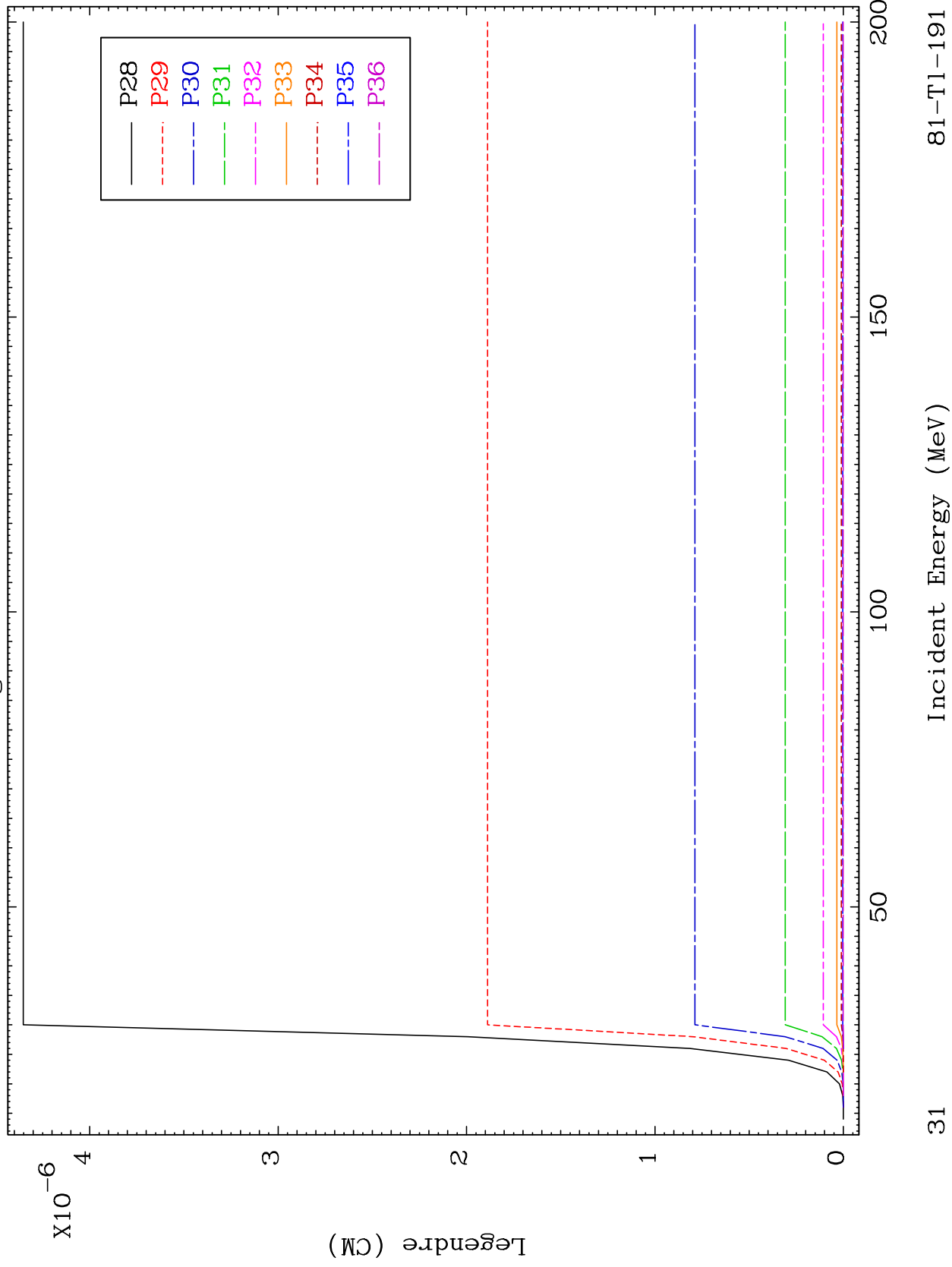
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MAT 8089

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

81-Tl-191



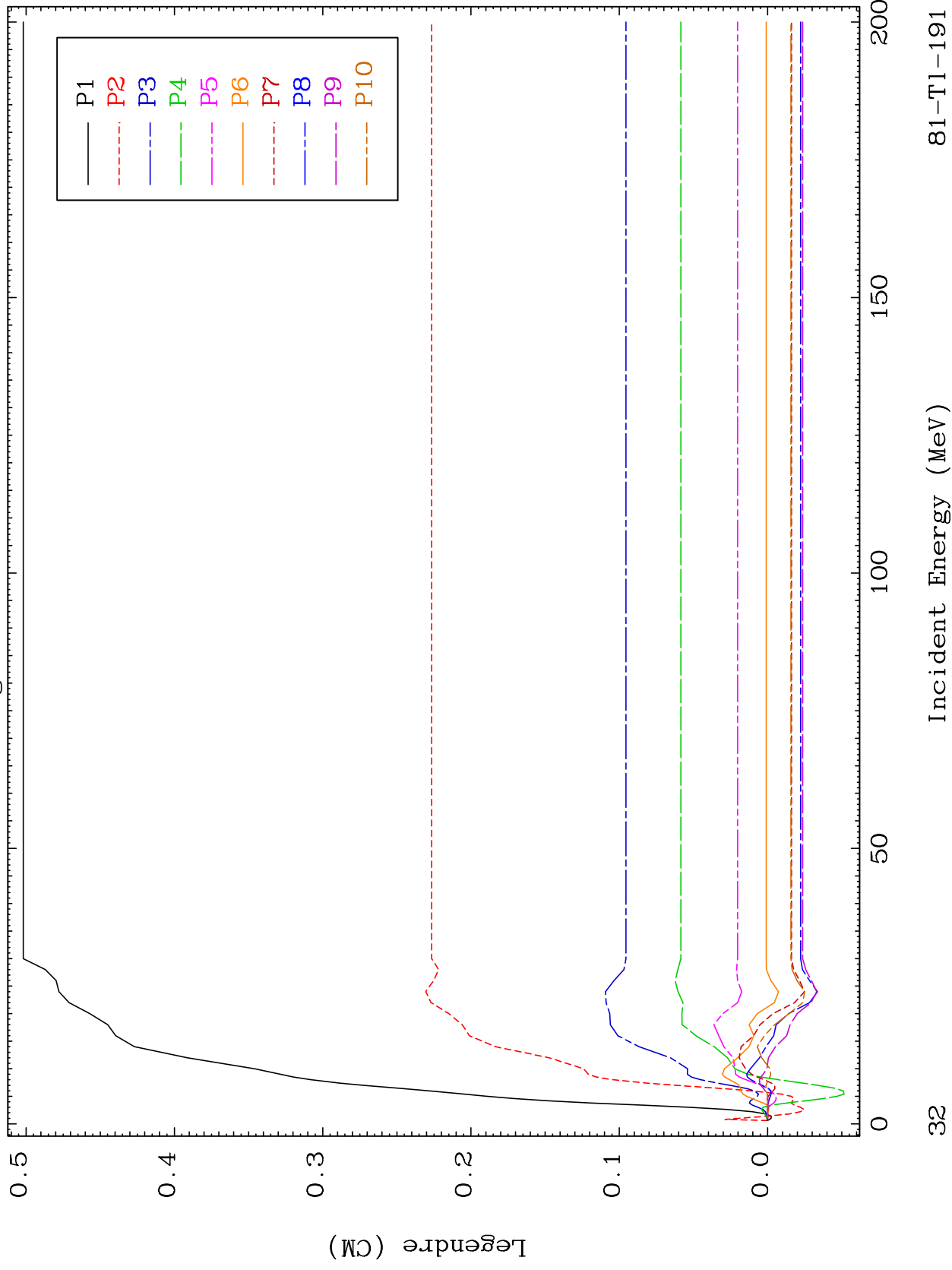
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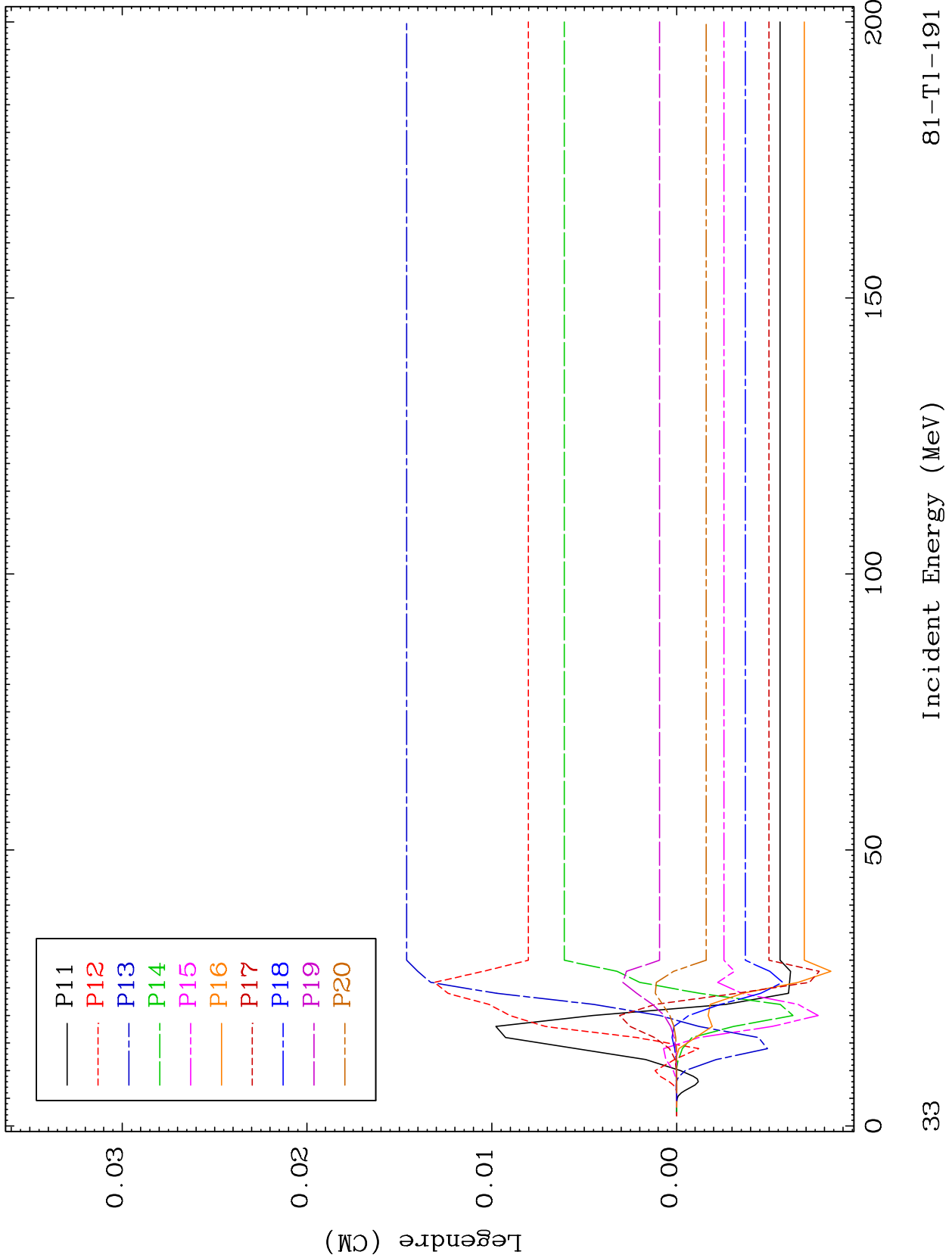
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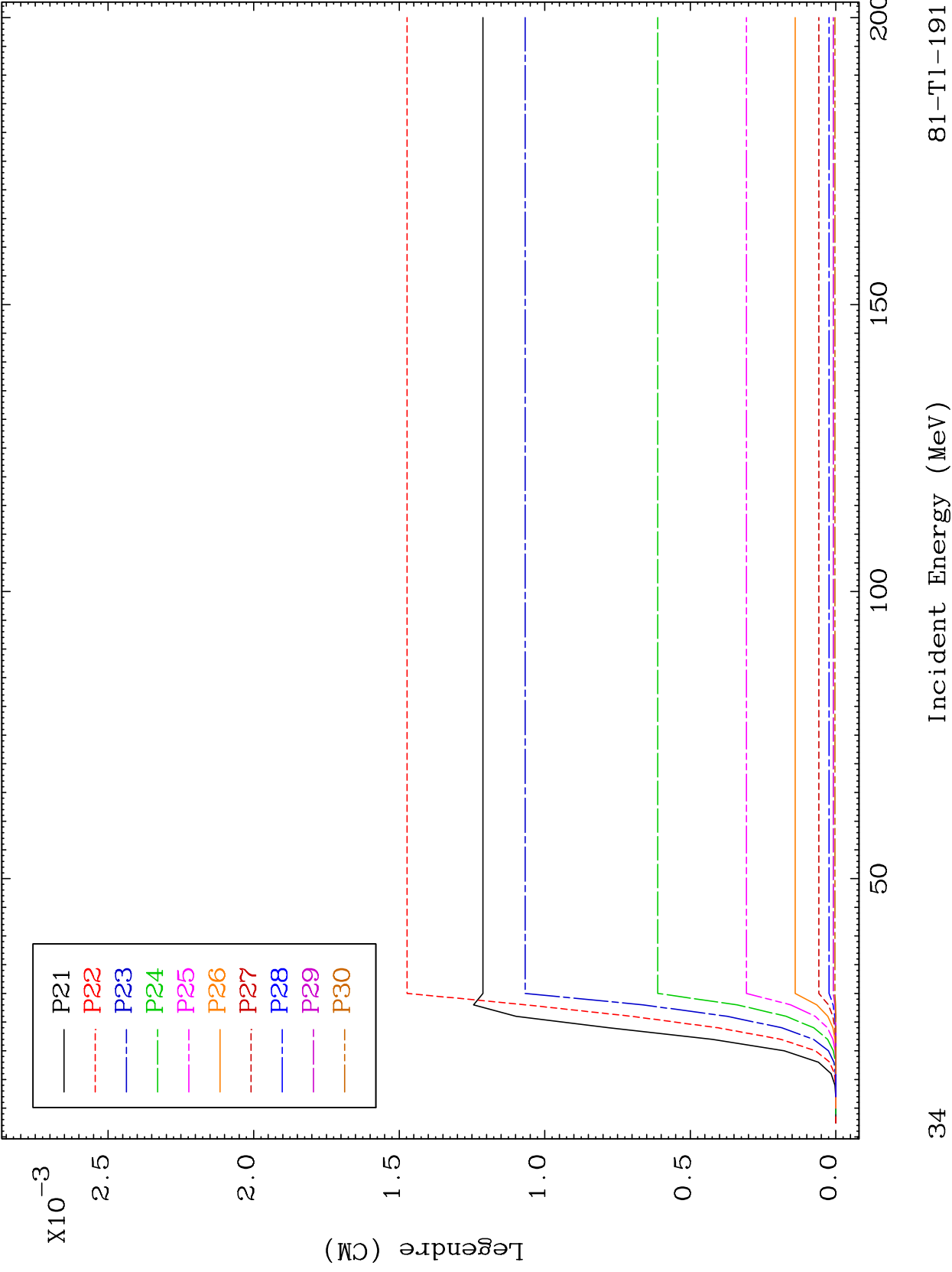
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81-Tl-191

Legendre Coefficients



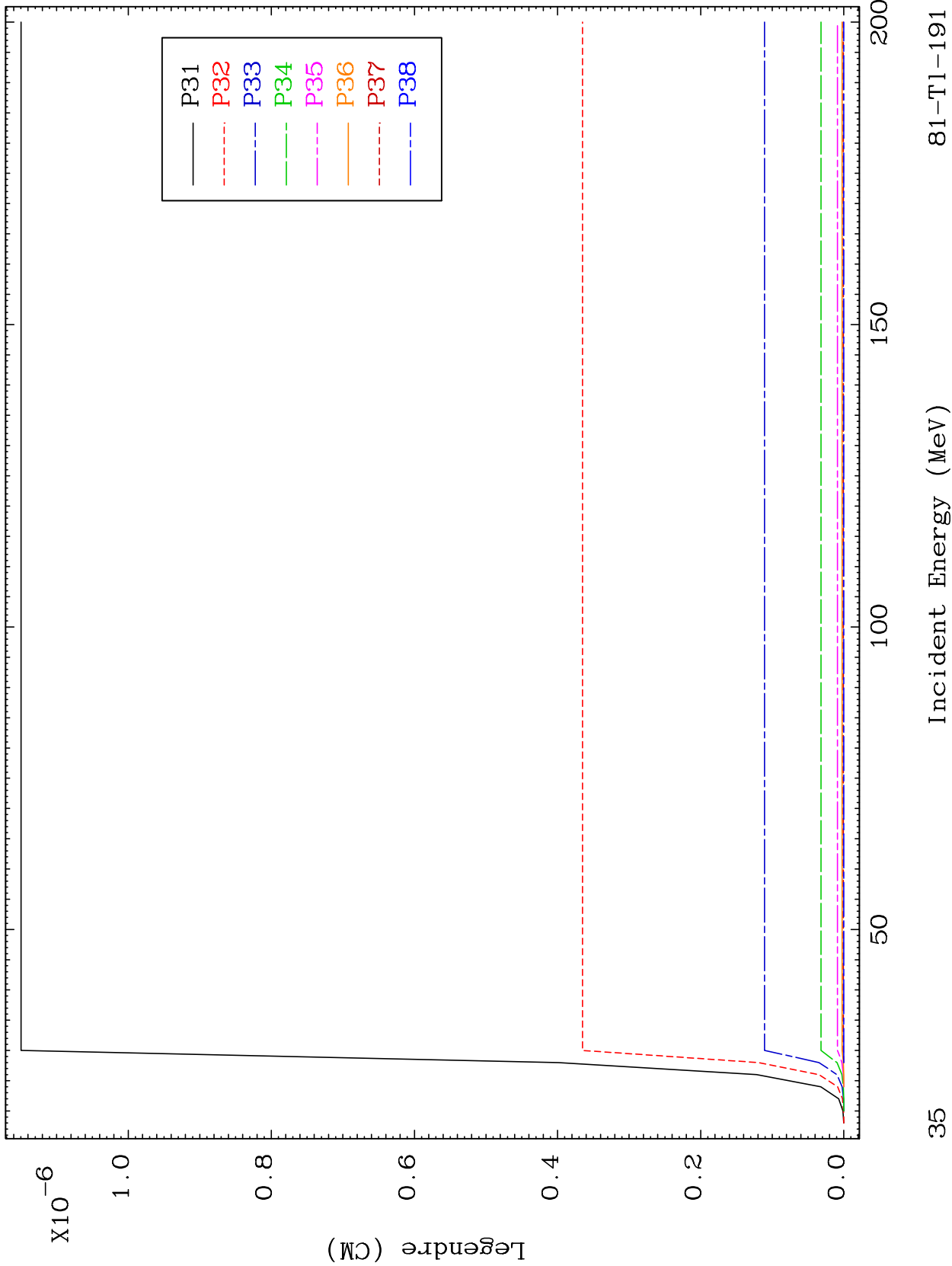




MAT 8089

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

81-Tl-191



35

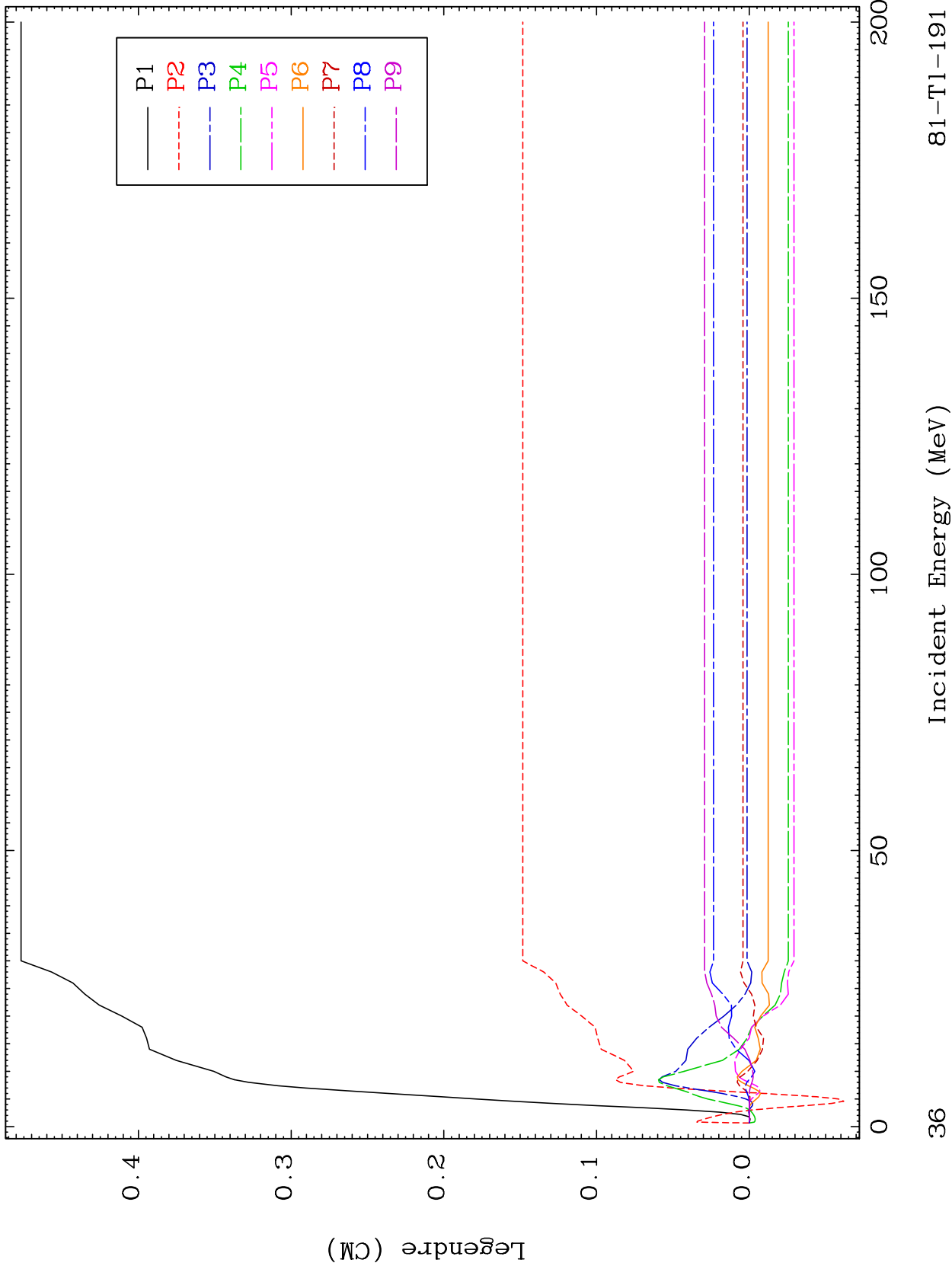
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



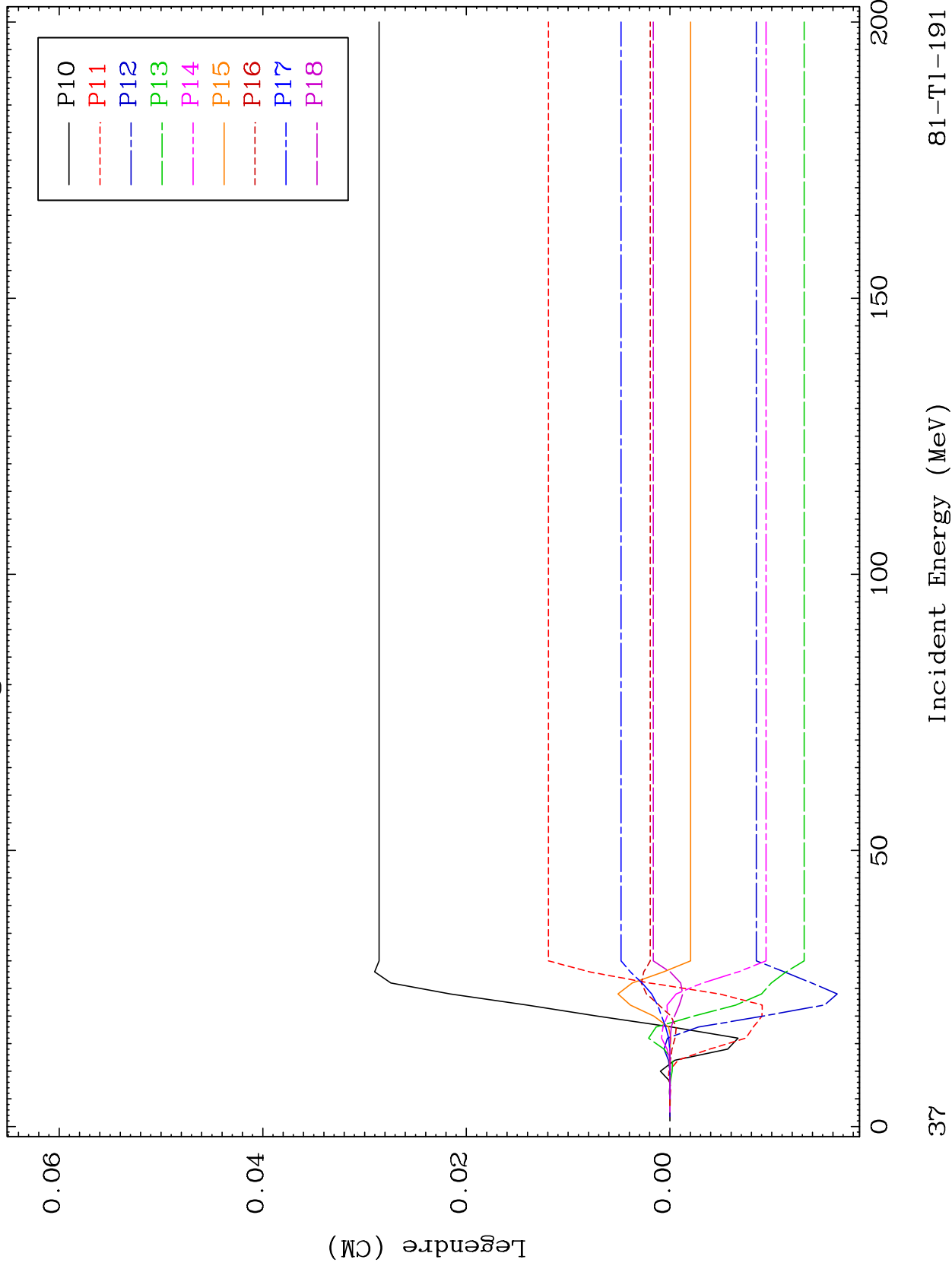
36

81-Tl-191

MAT 8089

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

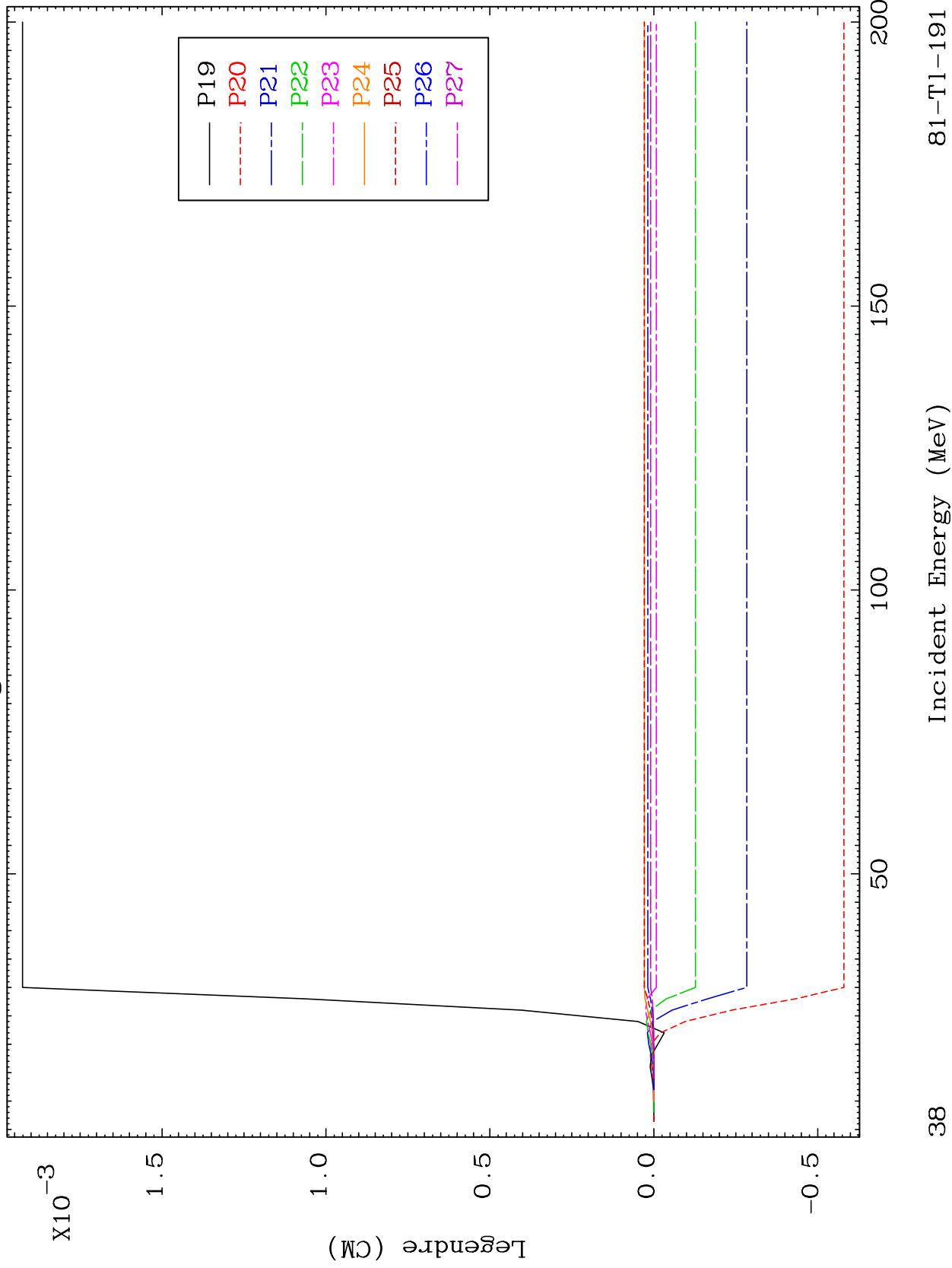
81-Tl-191



81-Tl-191

Incident Energy (MeV)

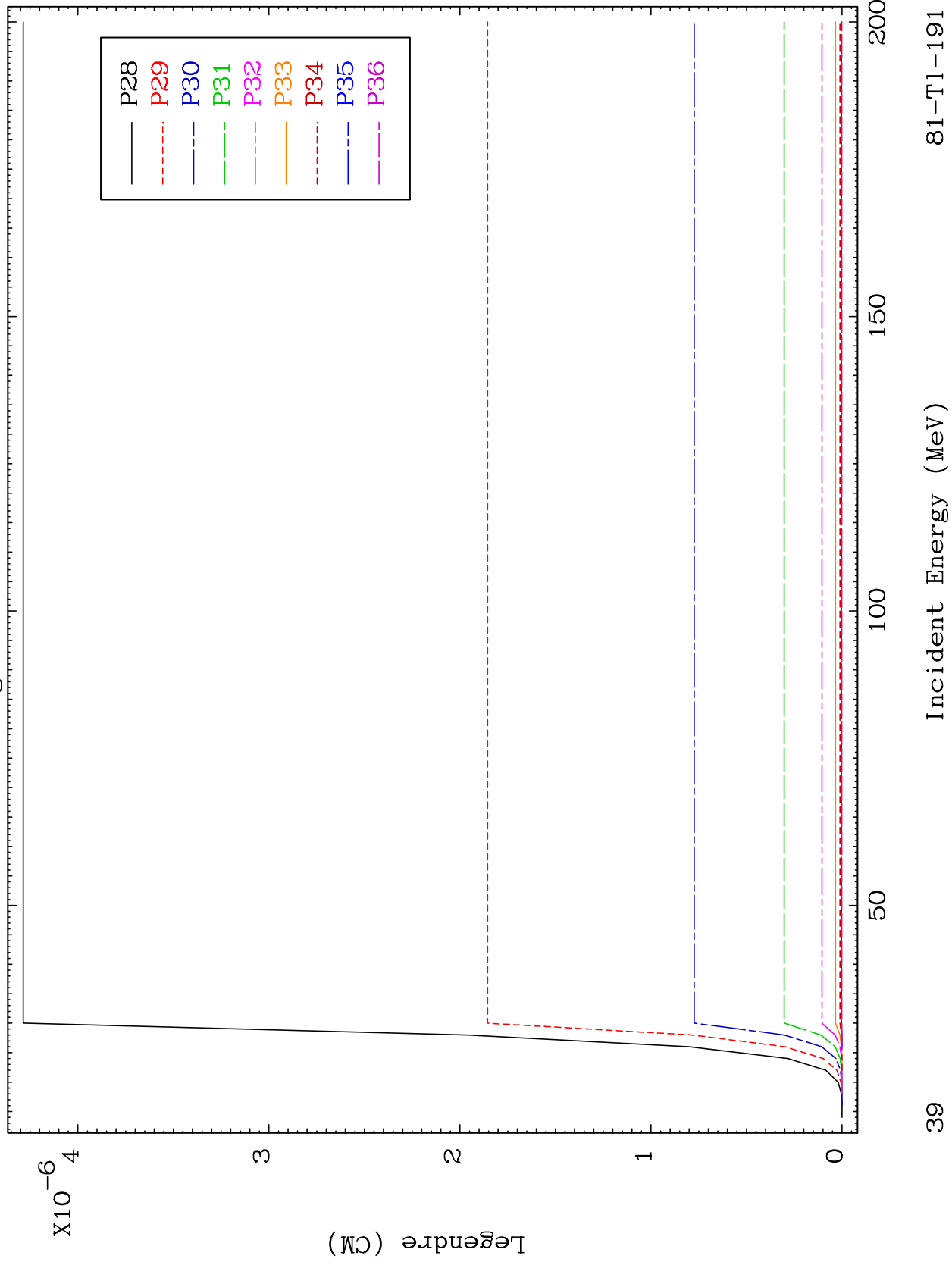
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MAT 8089

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

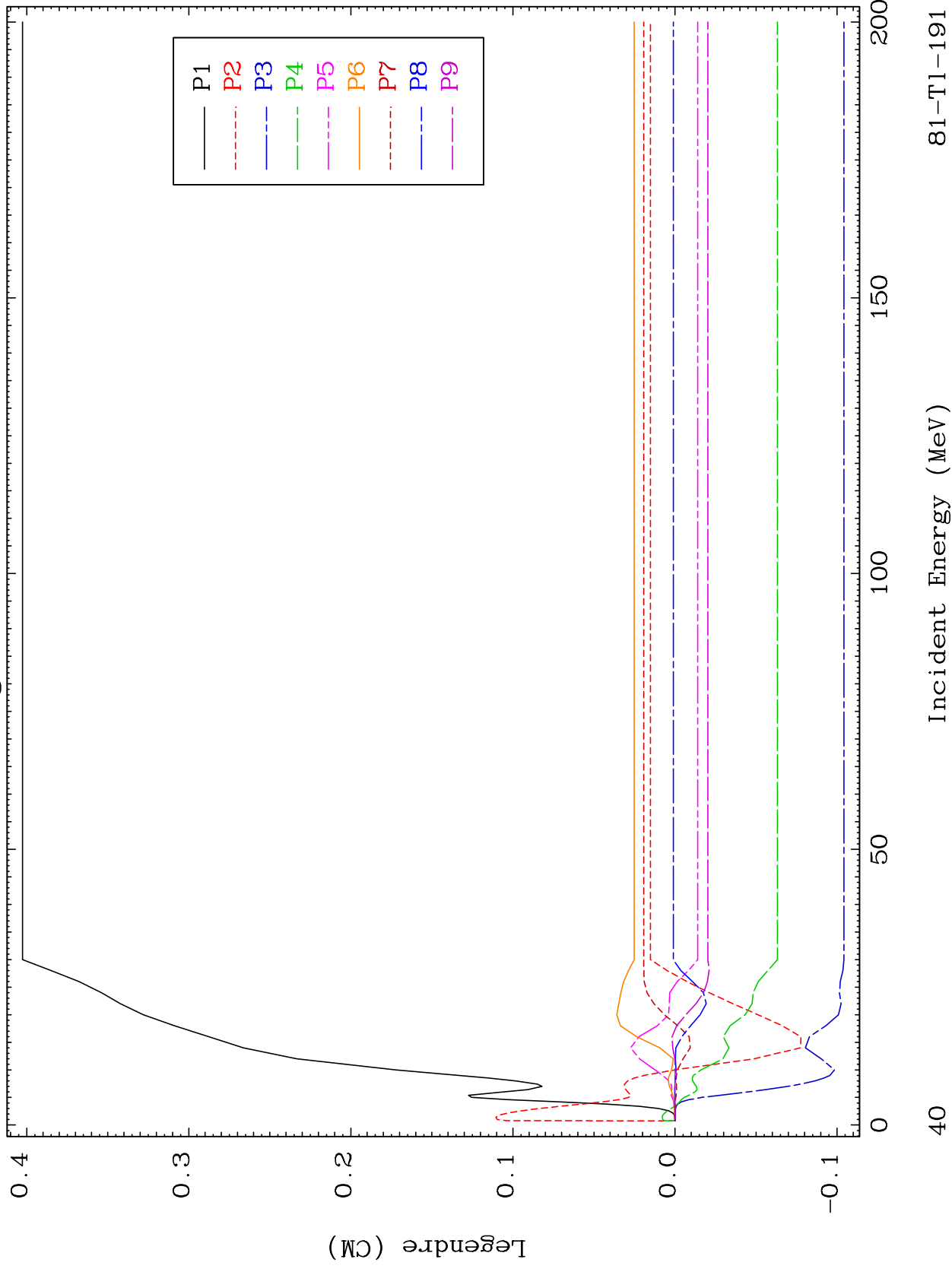
81-Tl-191



MAT 8089

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

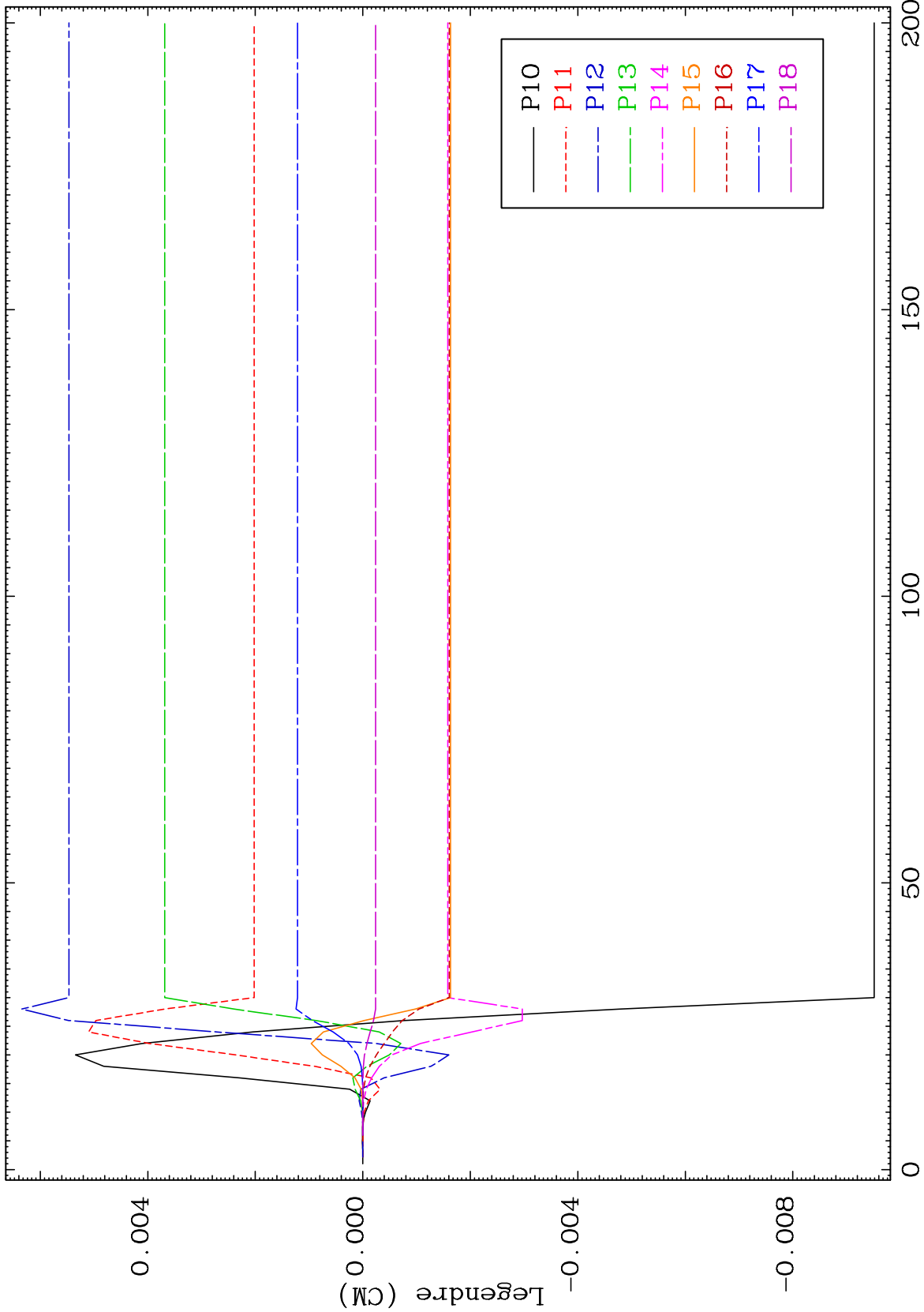
81-T1-191



MAT 8089

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

81-Tl-191



41

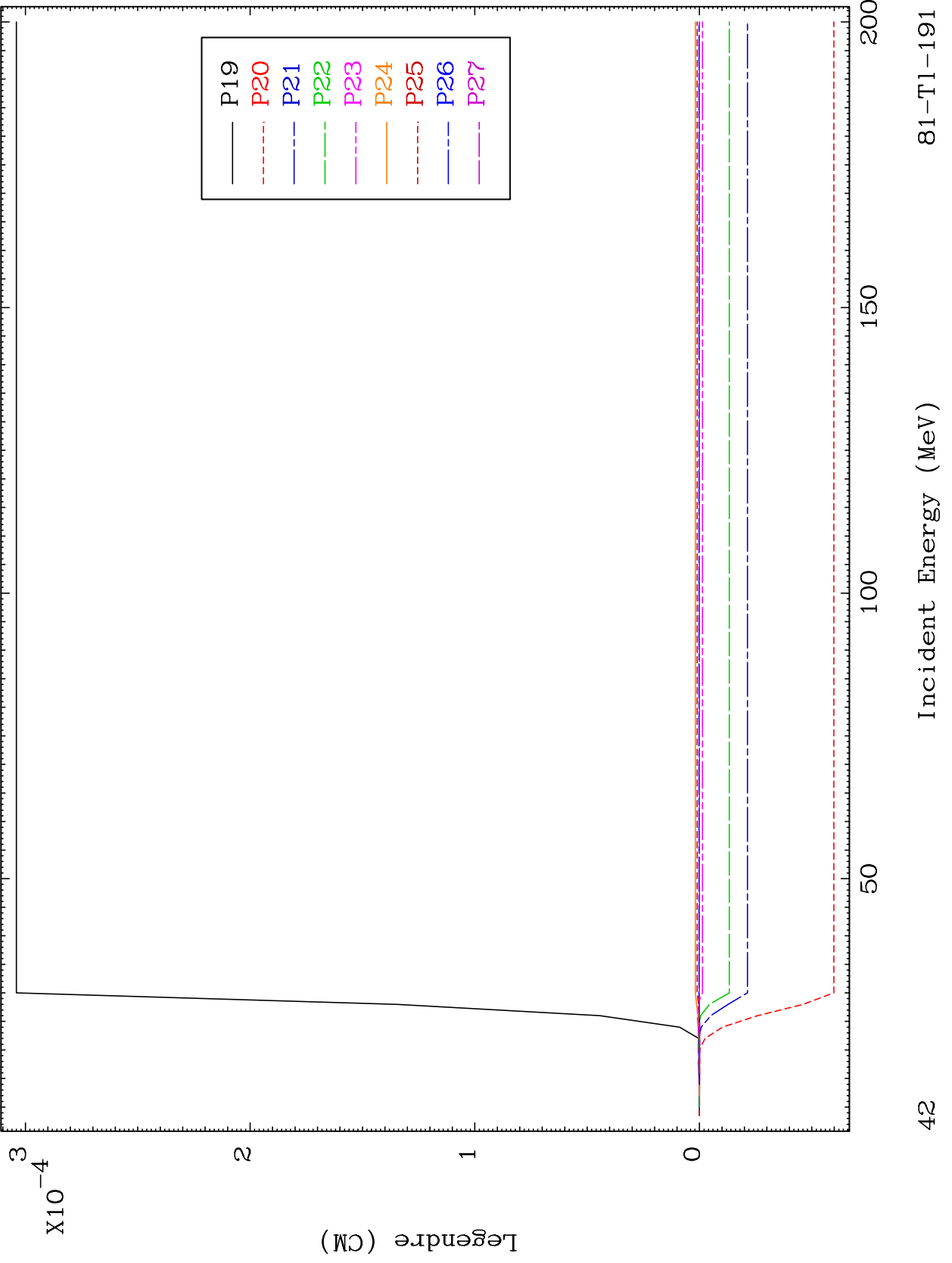
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

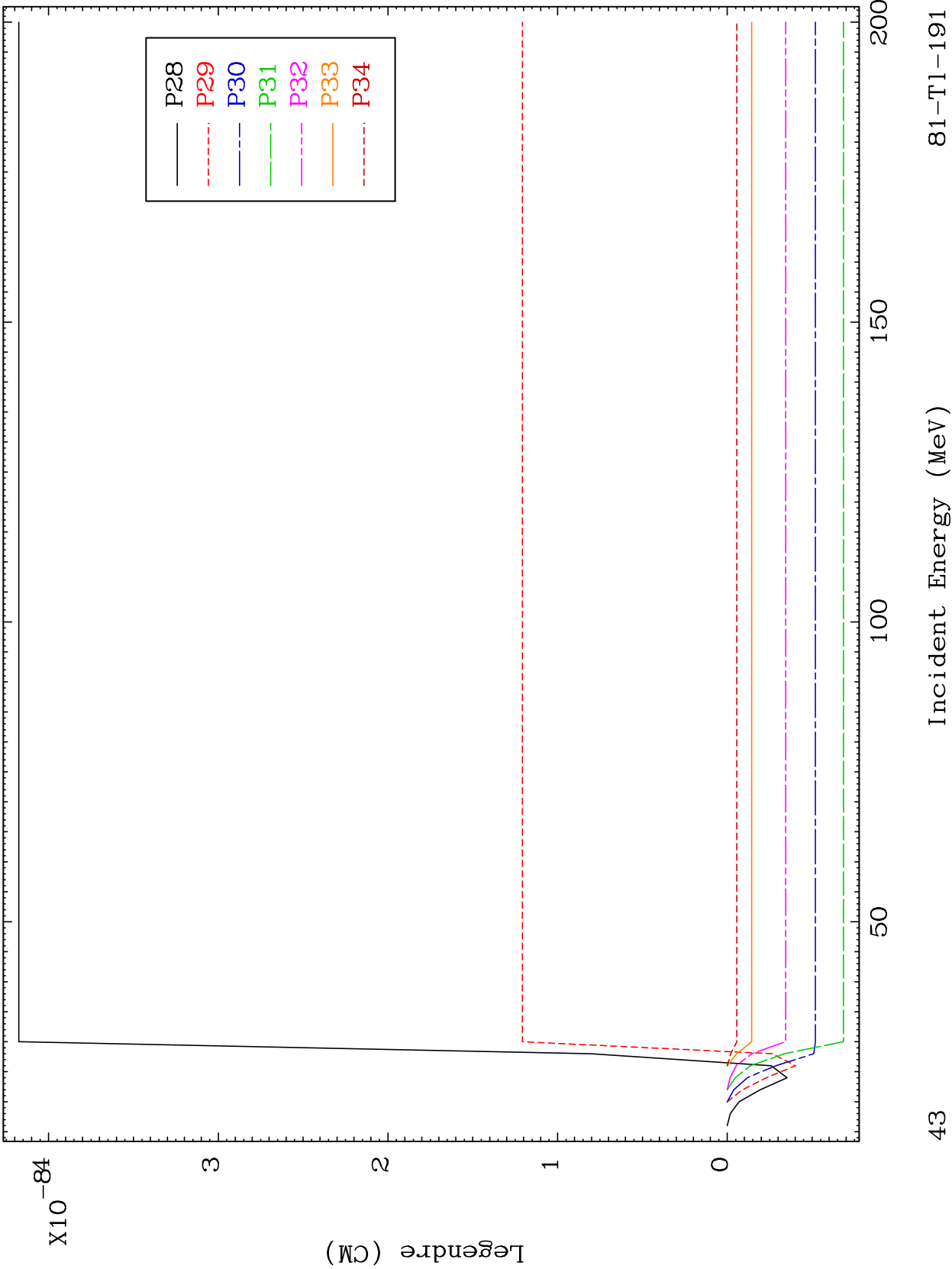
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MAT 8089

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

81-Tl-191



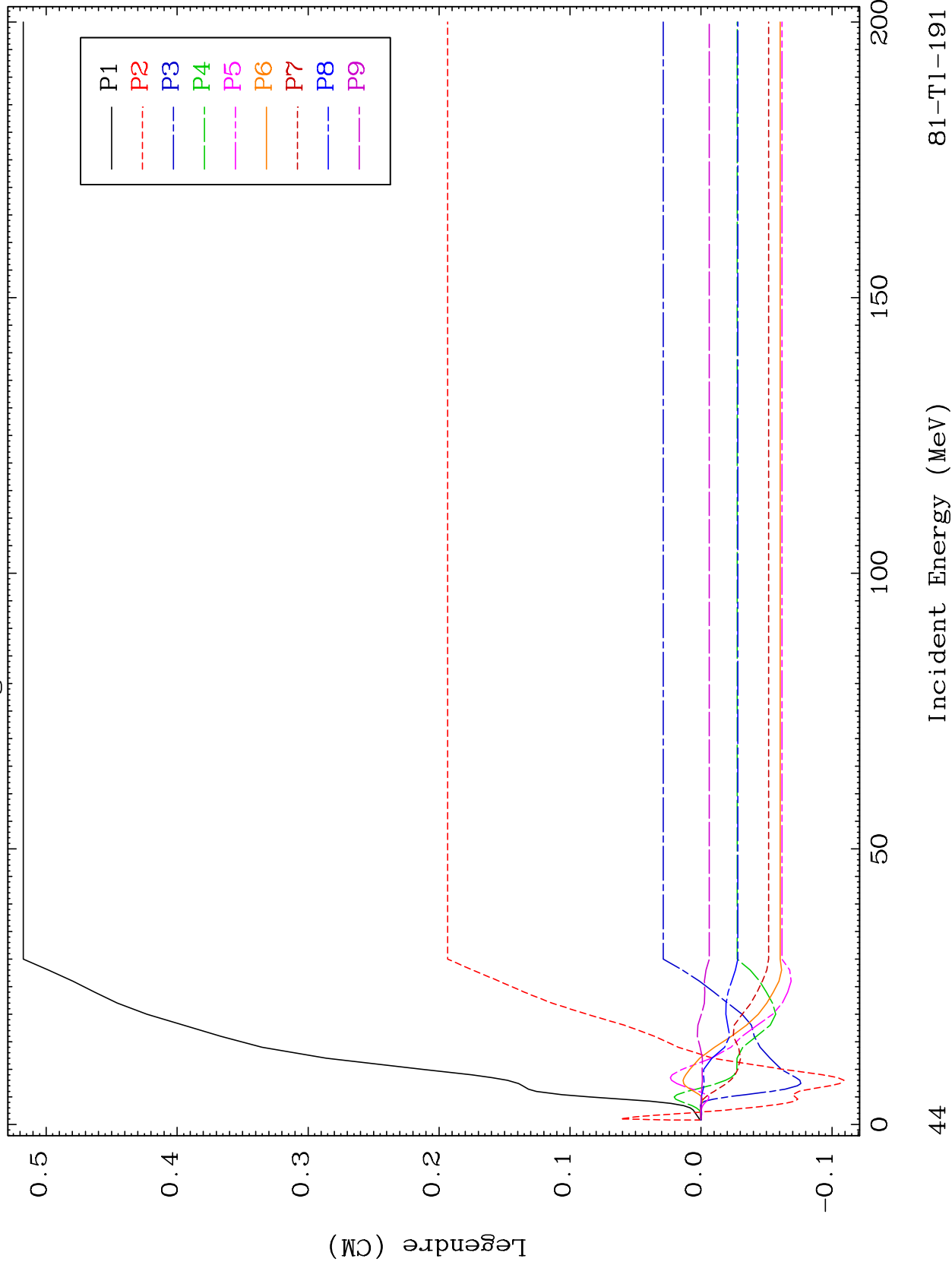
43

81-Tl-191

MAT 8089

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

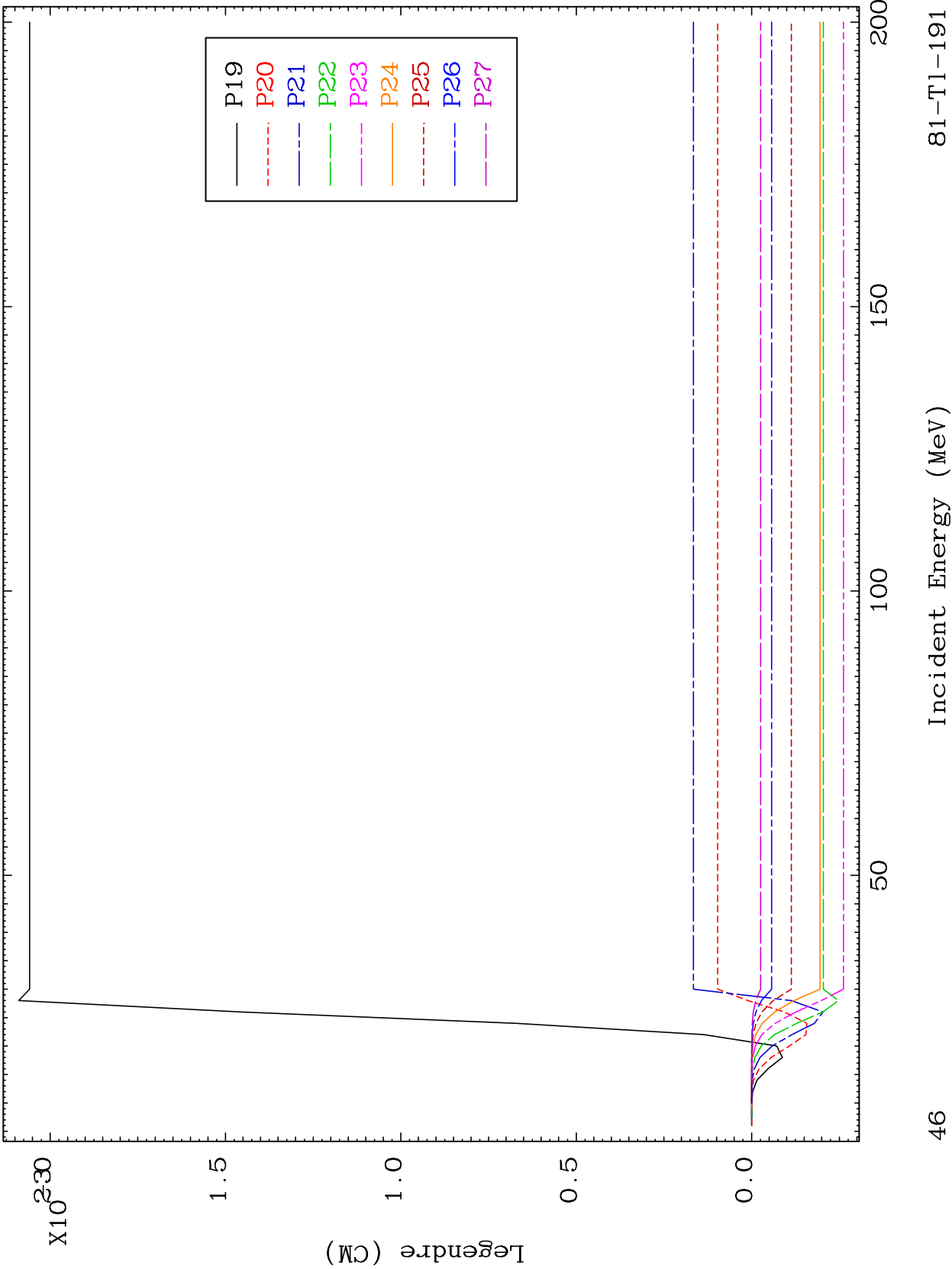
81-Tl-191



44

Incident Energy (MeV)

81-Tl-191

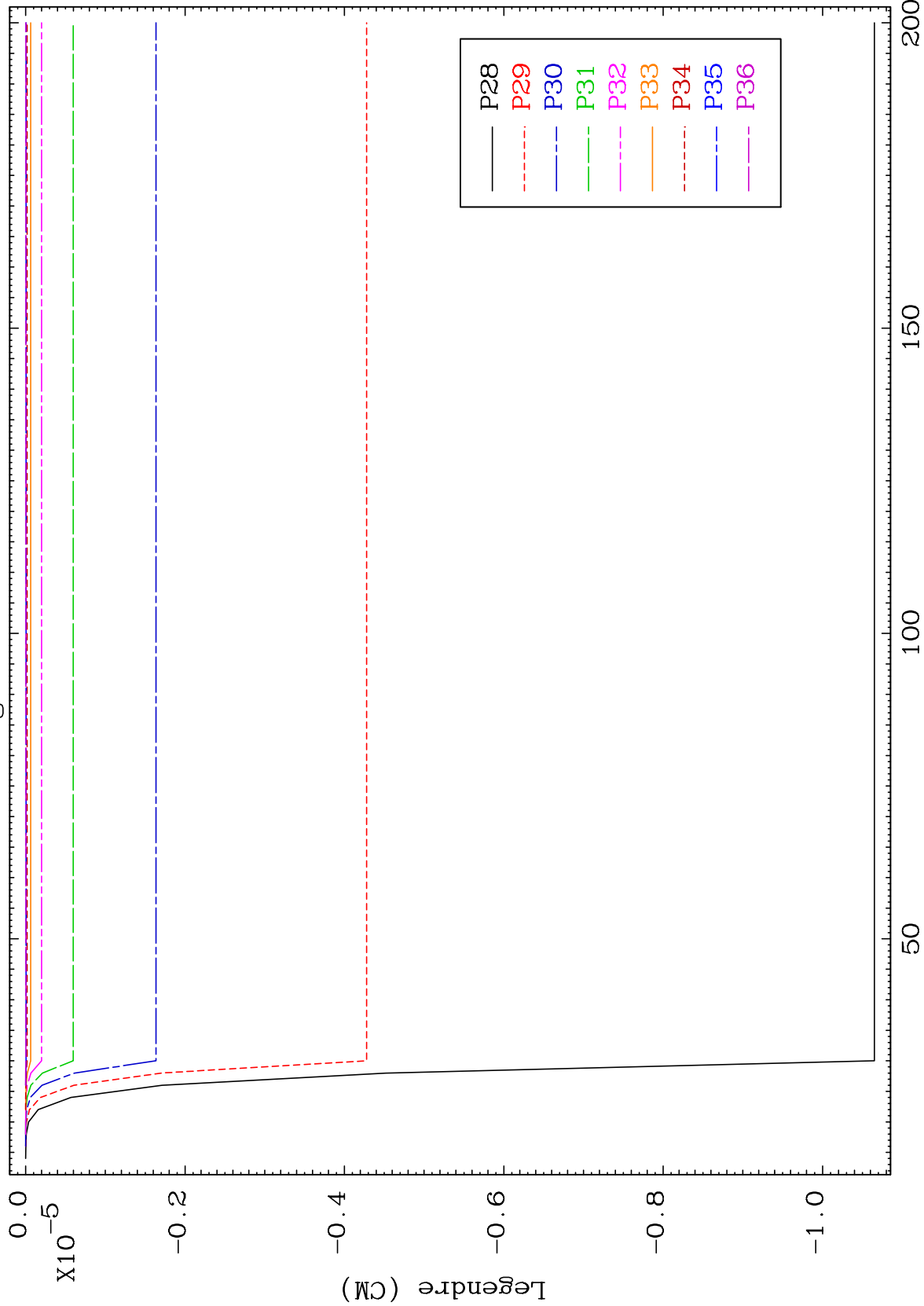


MAT 8089

MT= 57 (n,n') Level

81-Tl-191

Legendre Coefficients



47

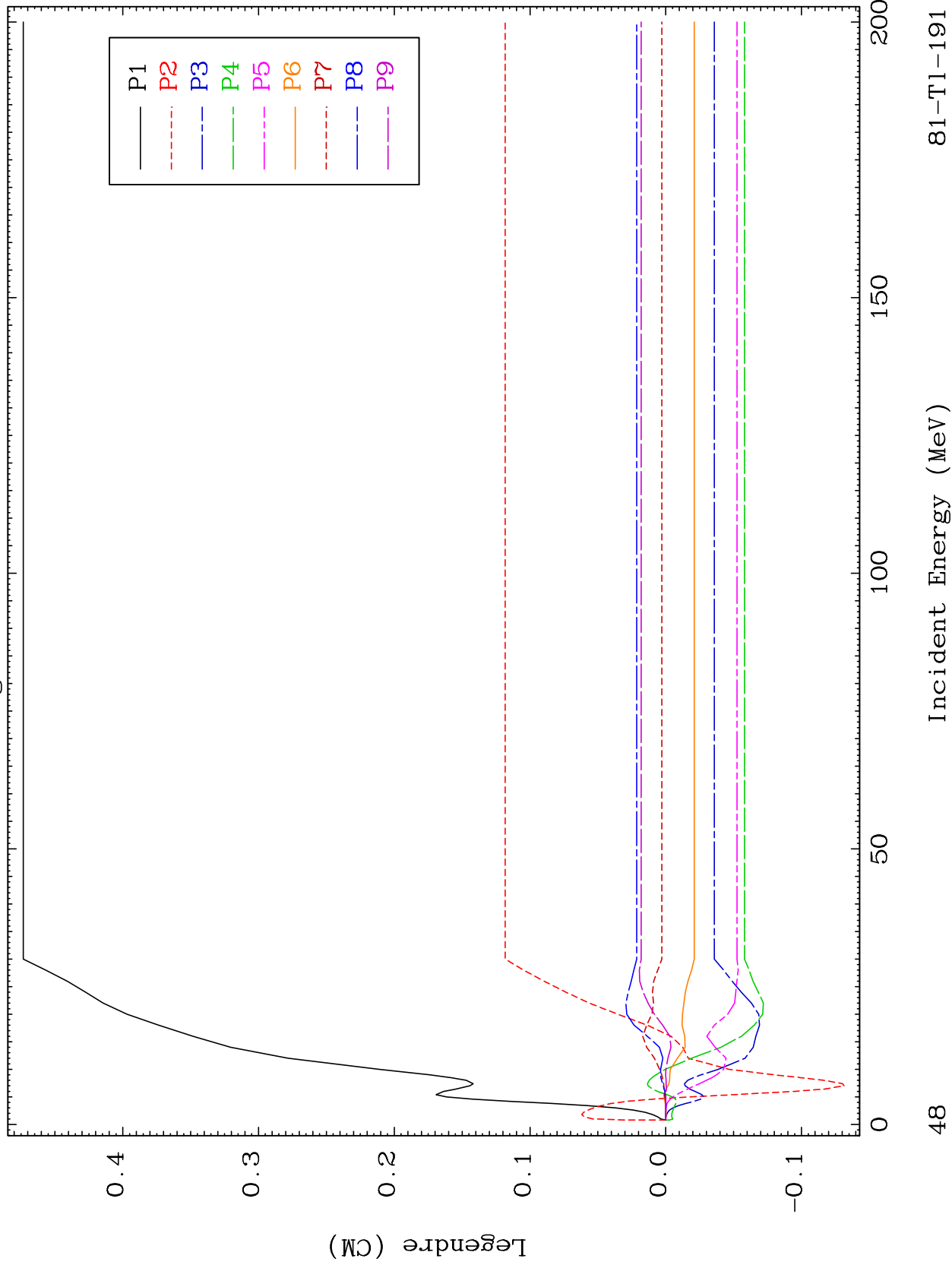
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-T1-191



81-T1-191

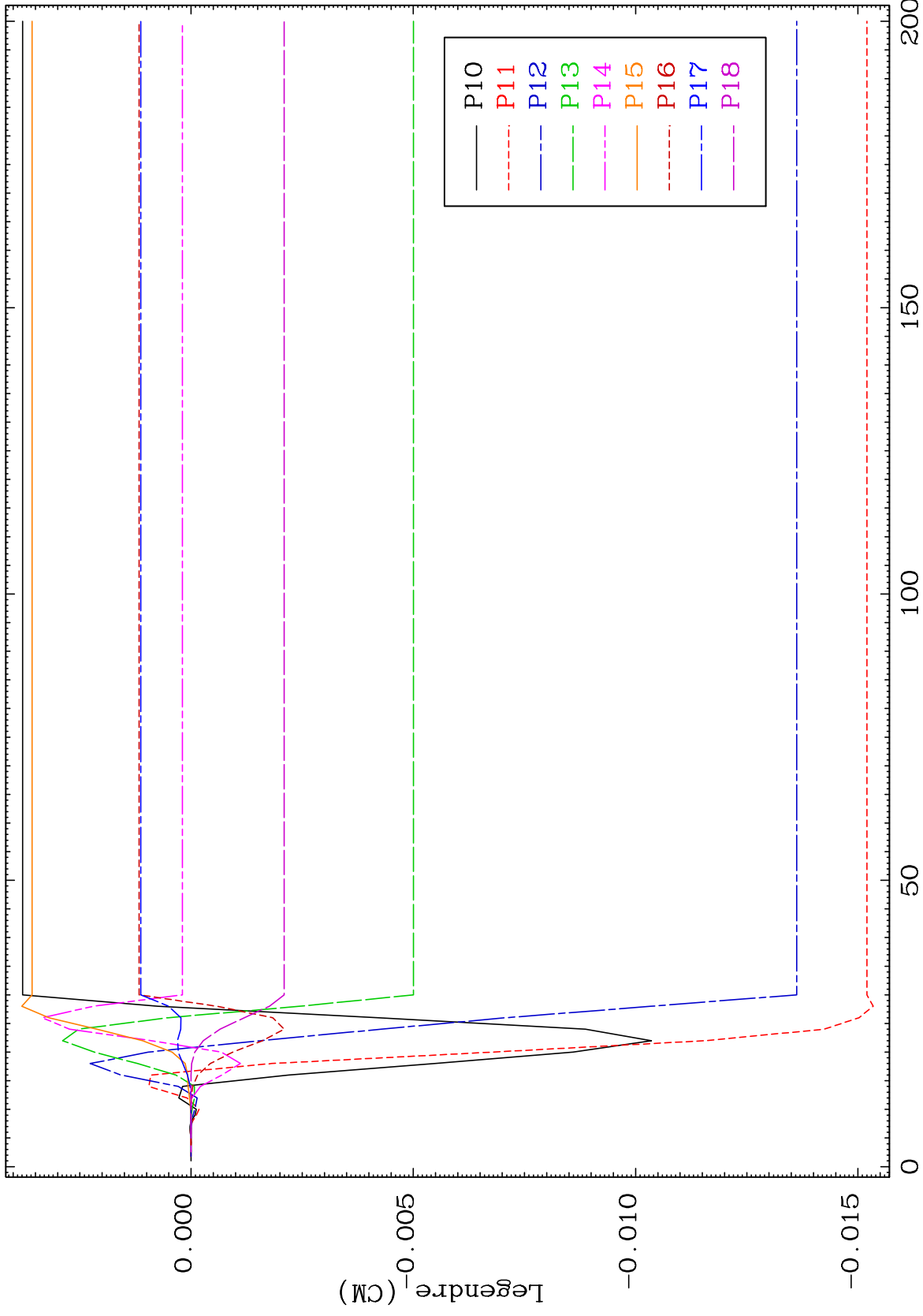
Incident Energy (MeV)

48

MAT 8089

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

81-Tl-191



49

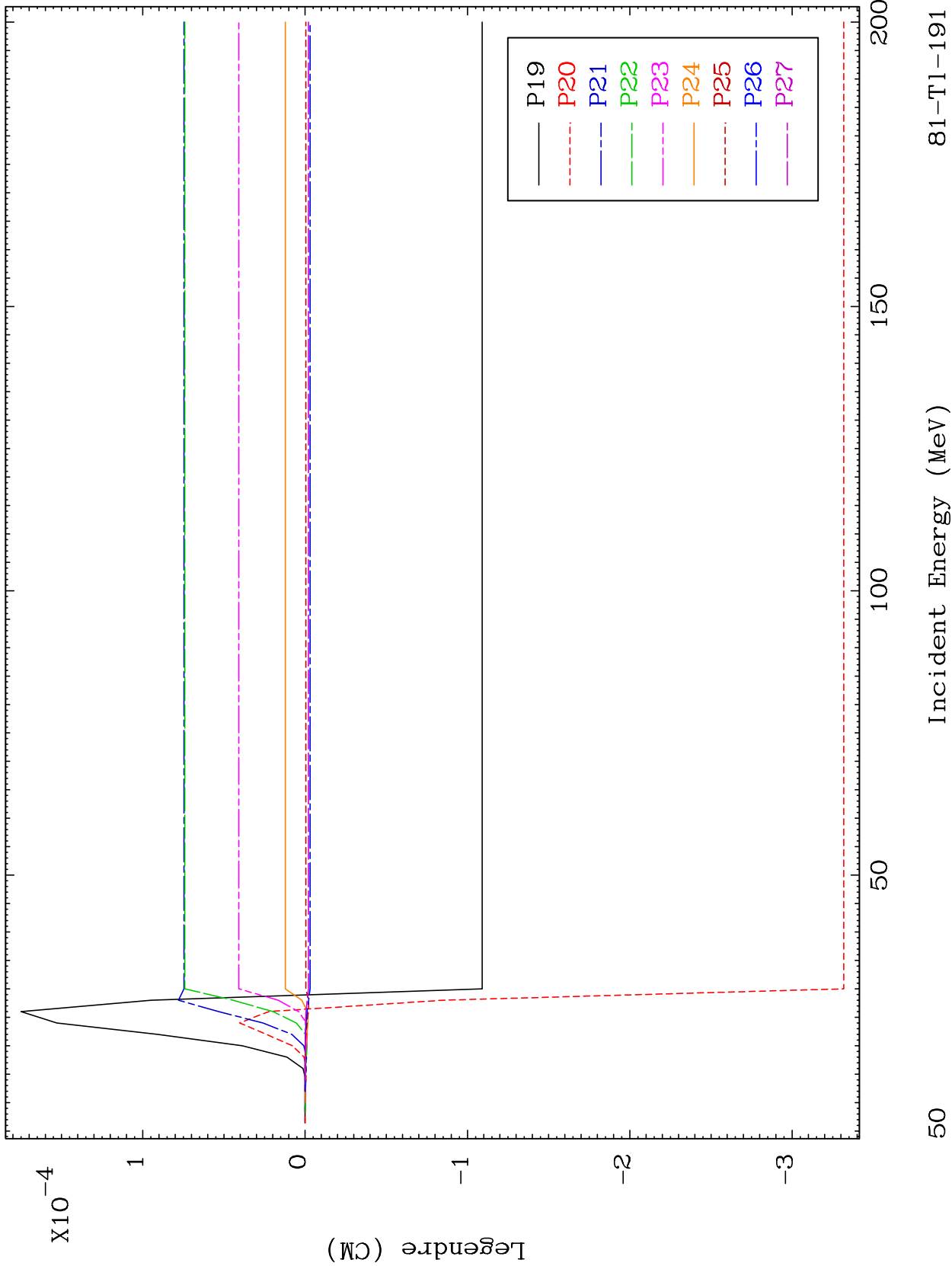
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



50

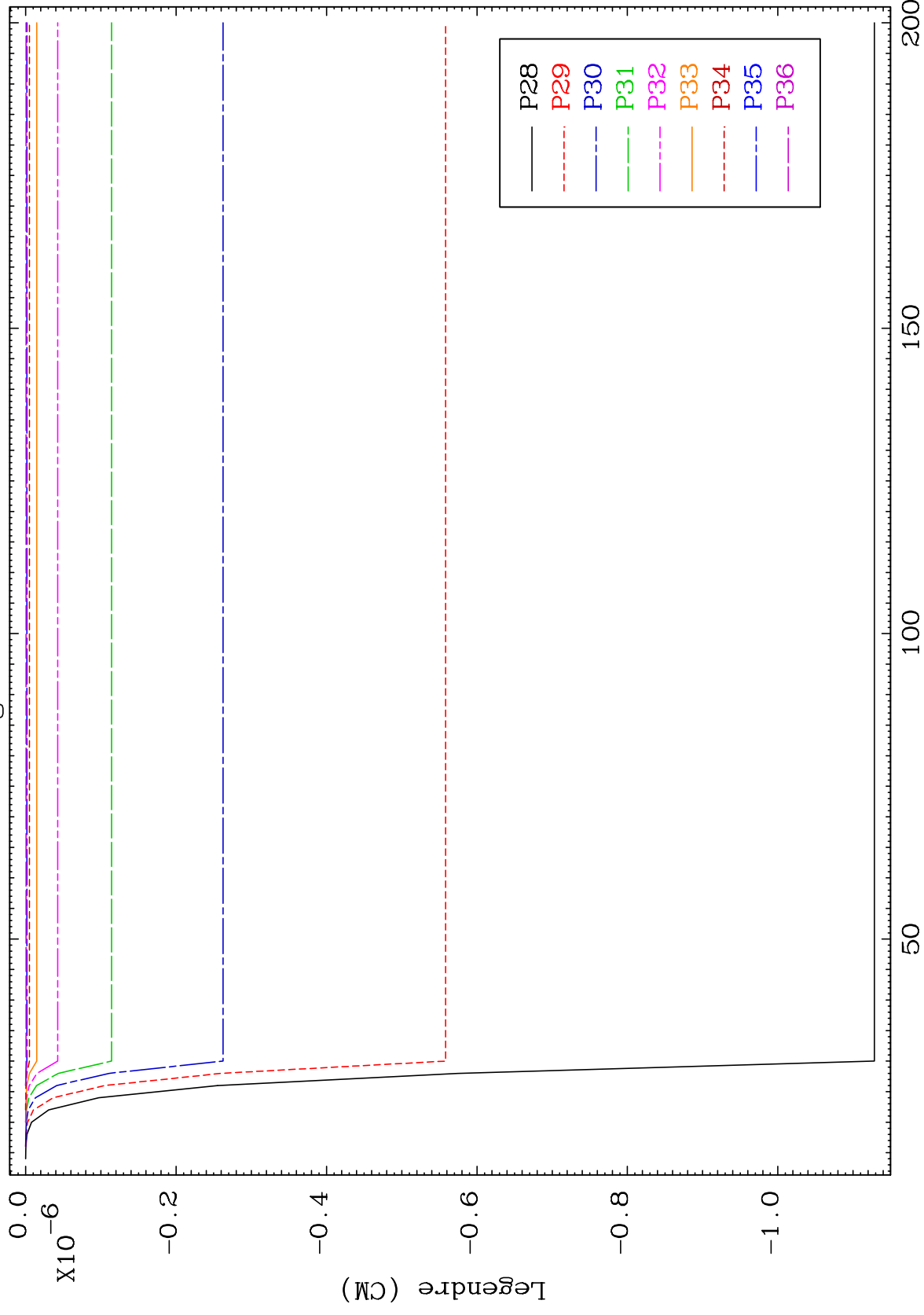
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



51

Incident Energy (MeV)

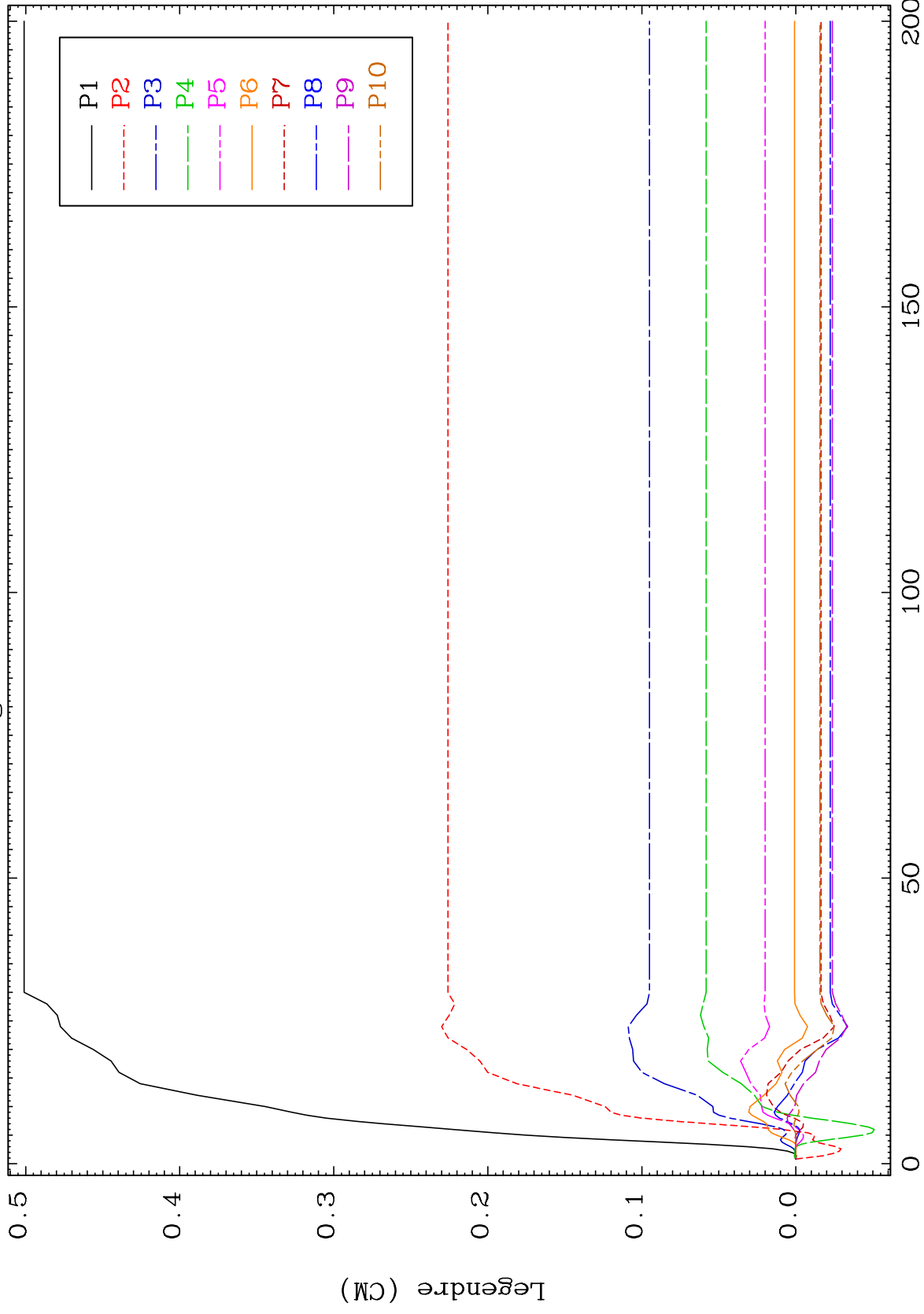
81-Tl-191

MAT 8089

MT= 59 (n,n') Level

81-Tl-191

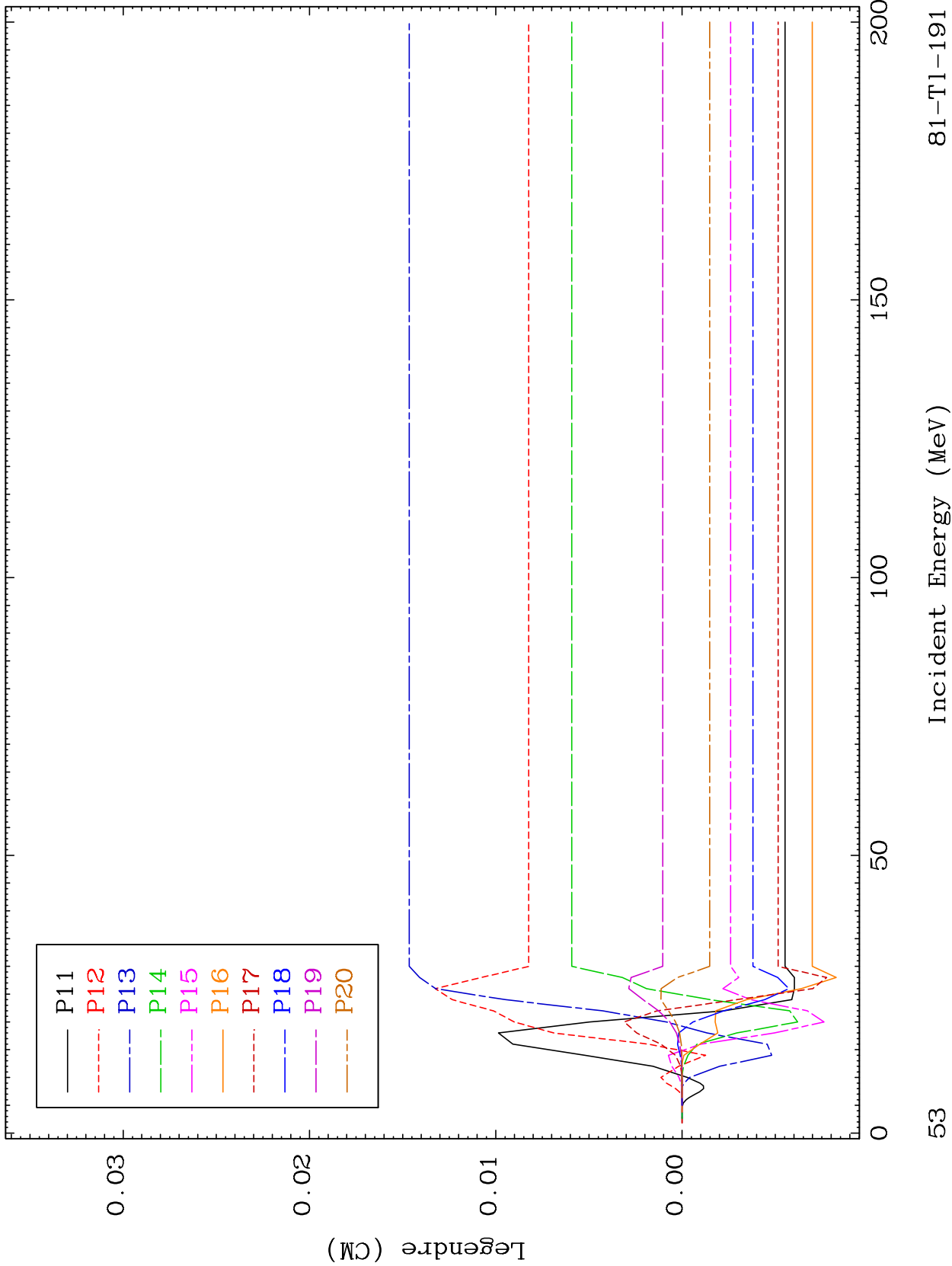
Legendre Coefficients

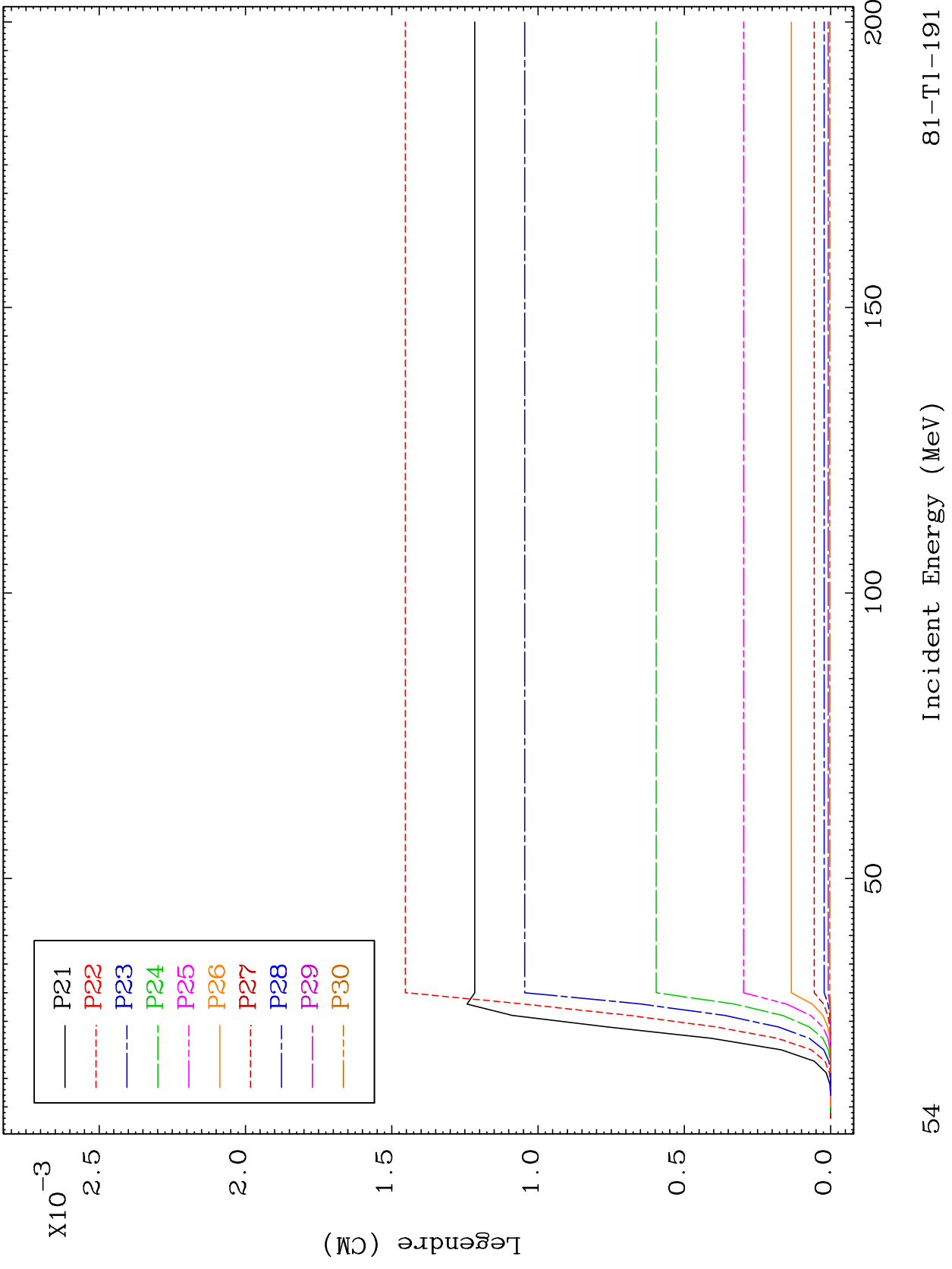


52

Incident Energy (MeV)

81-Tl-191

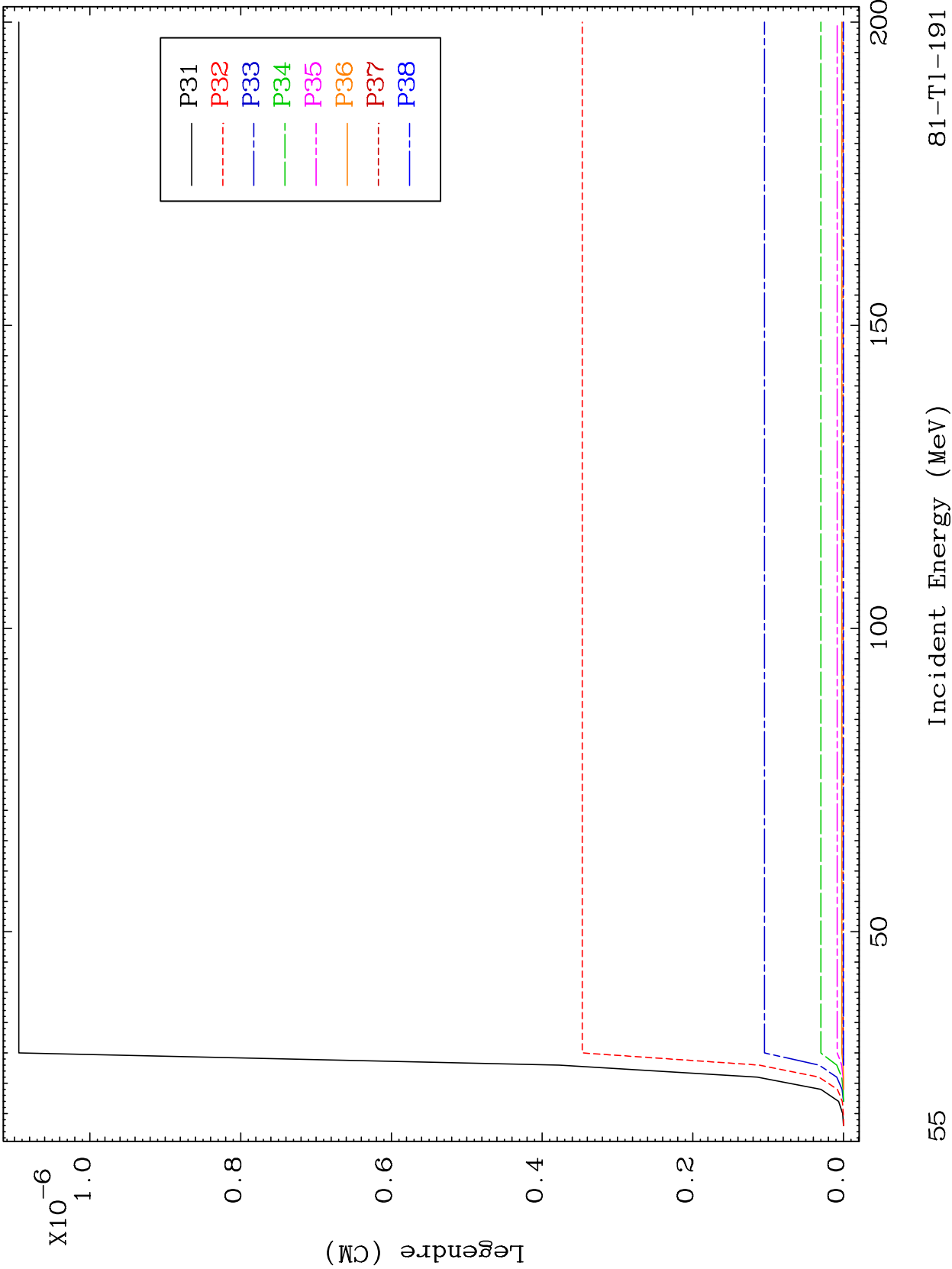




MAT 8089

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

81-Tl-191



55

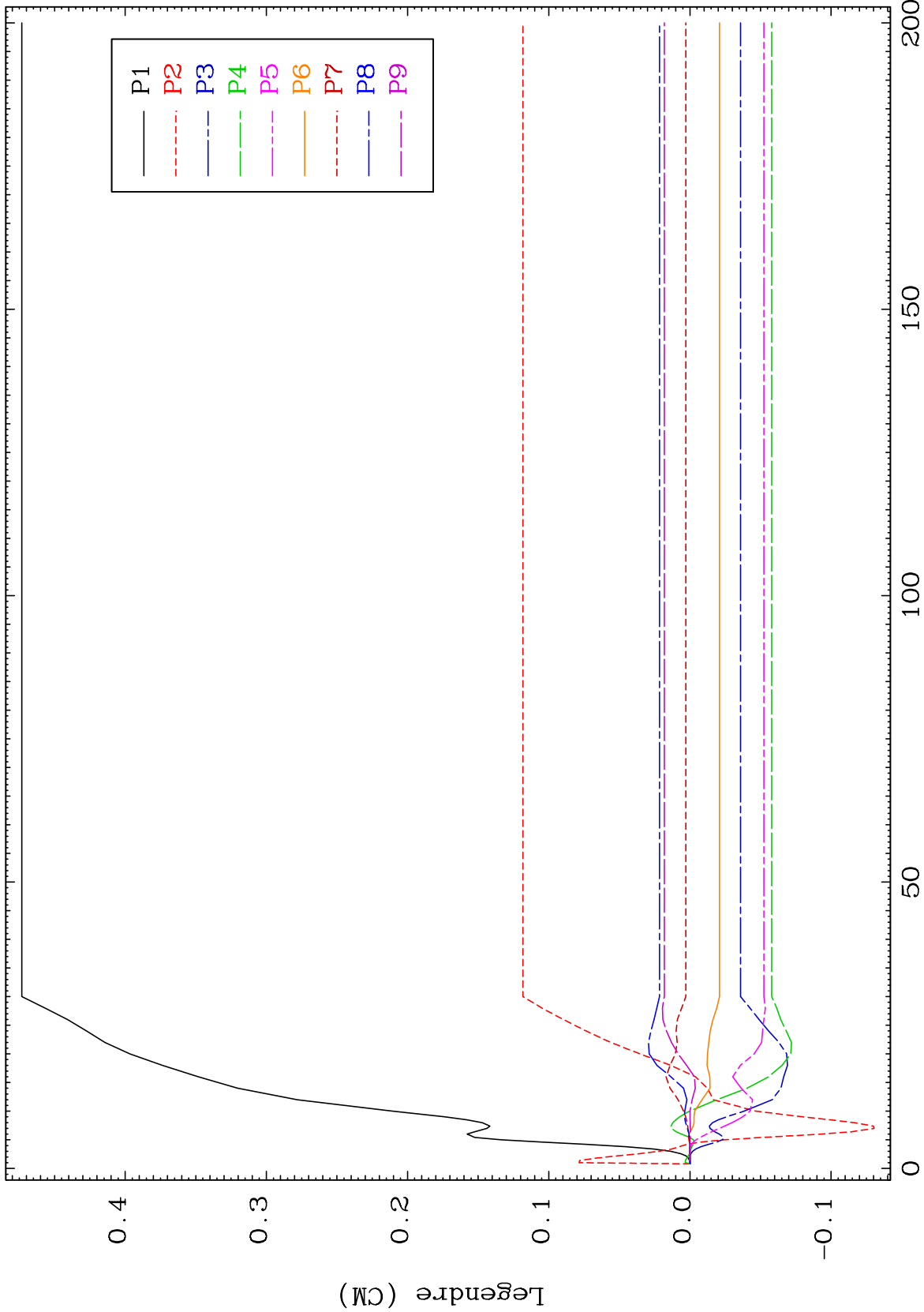
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



56

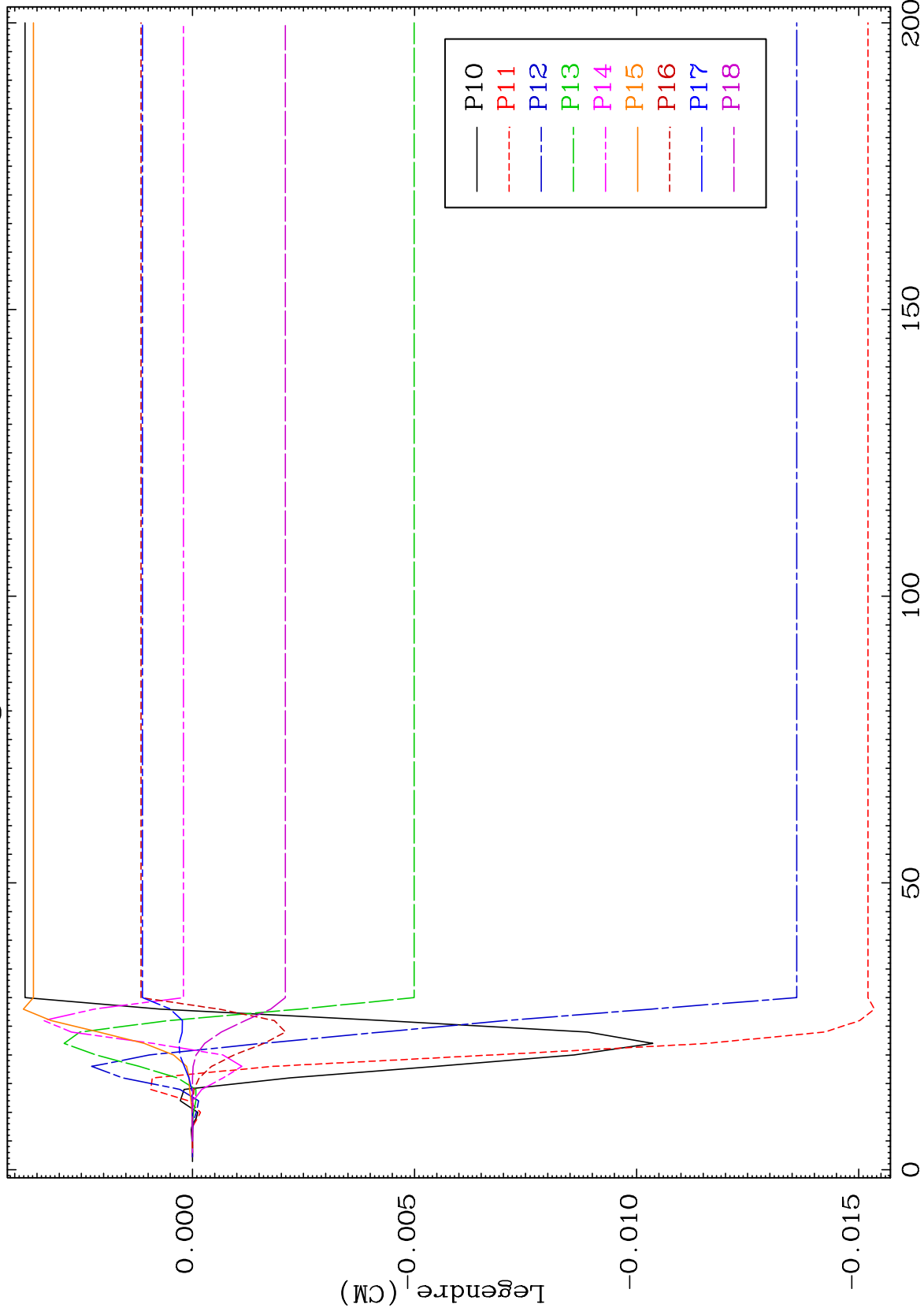
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

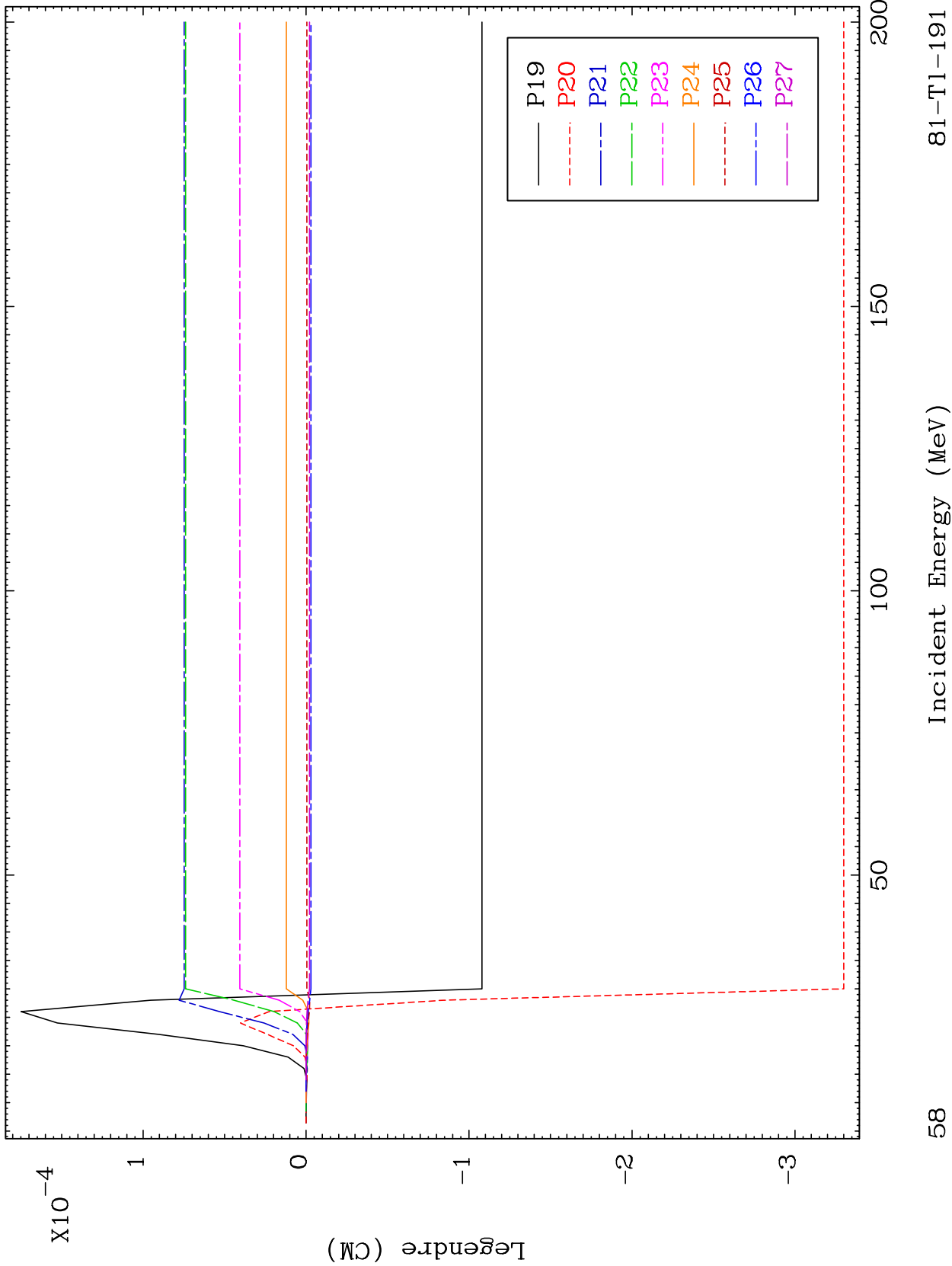
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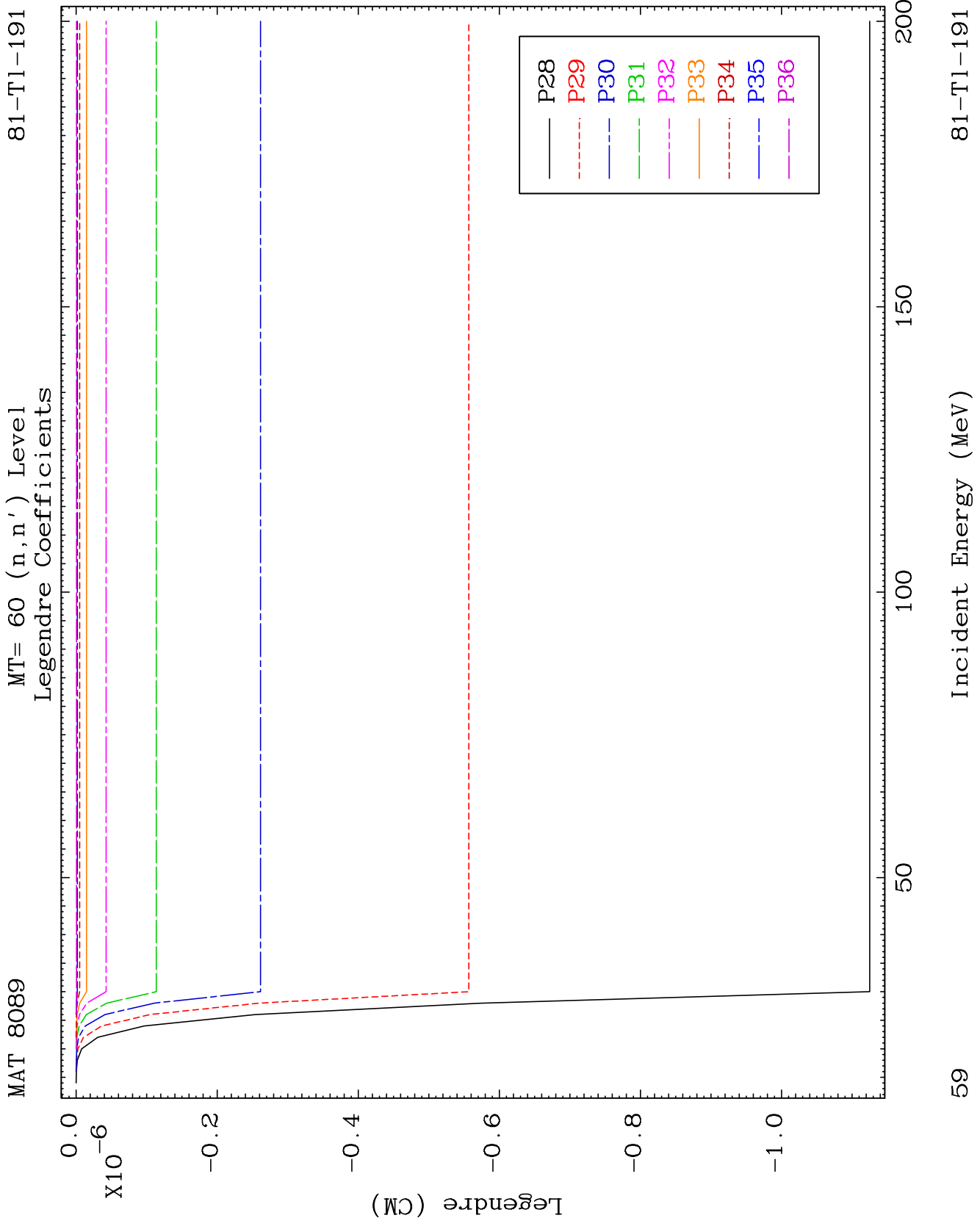


57

Incident Energy (MeV)

81-Tl-191

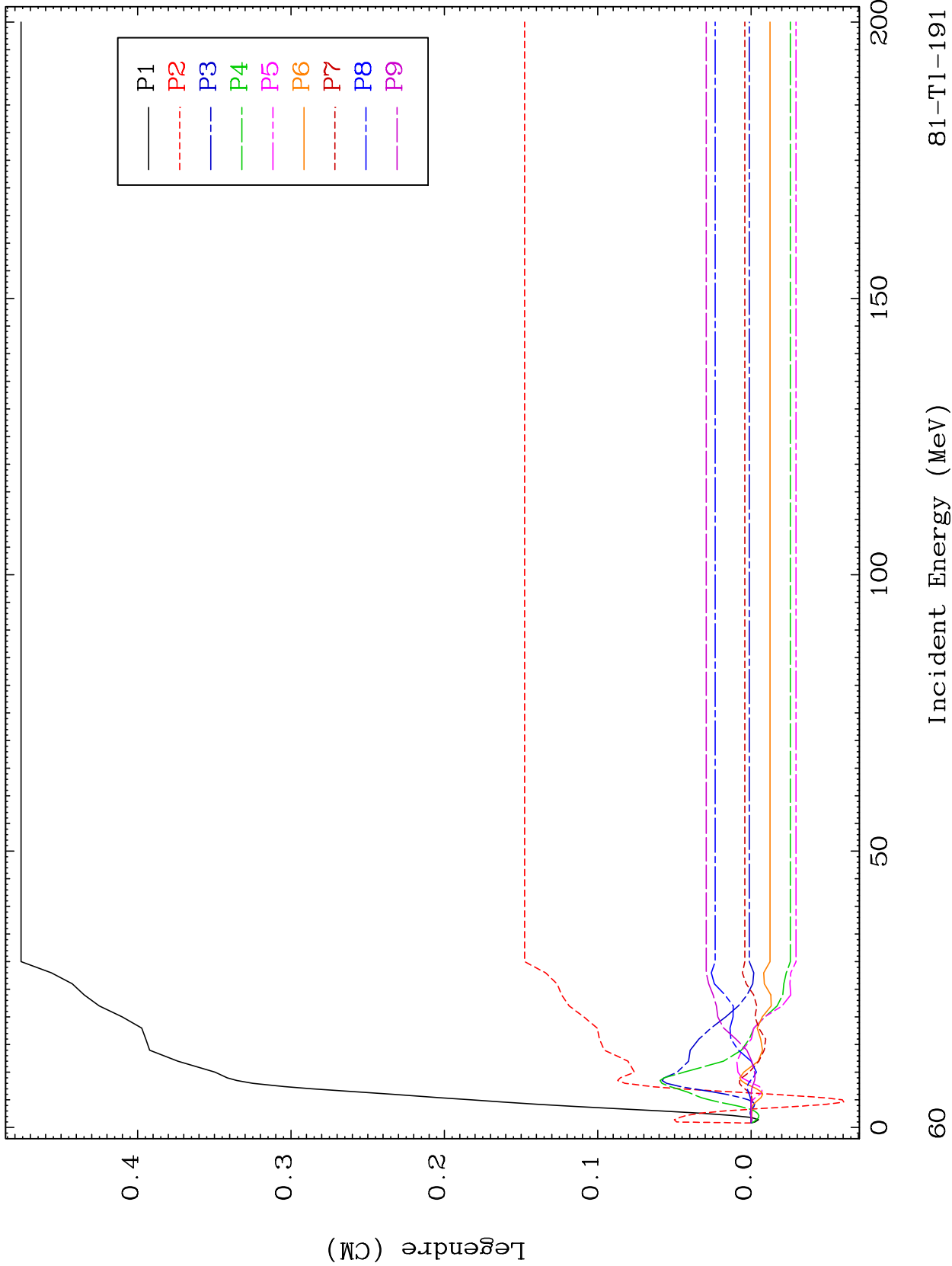




MAT 8089

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

81-Tl-191



81-Tl-191

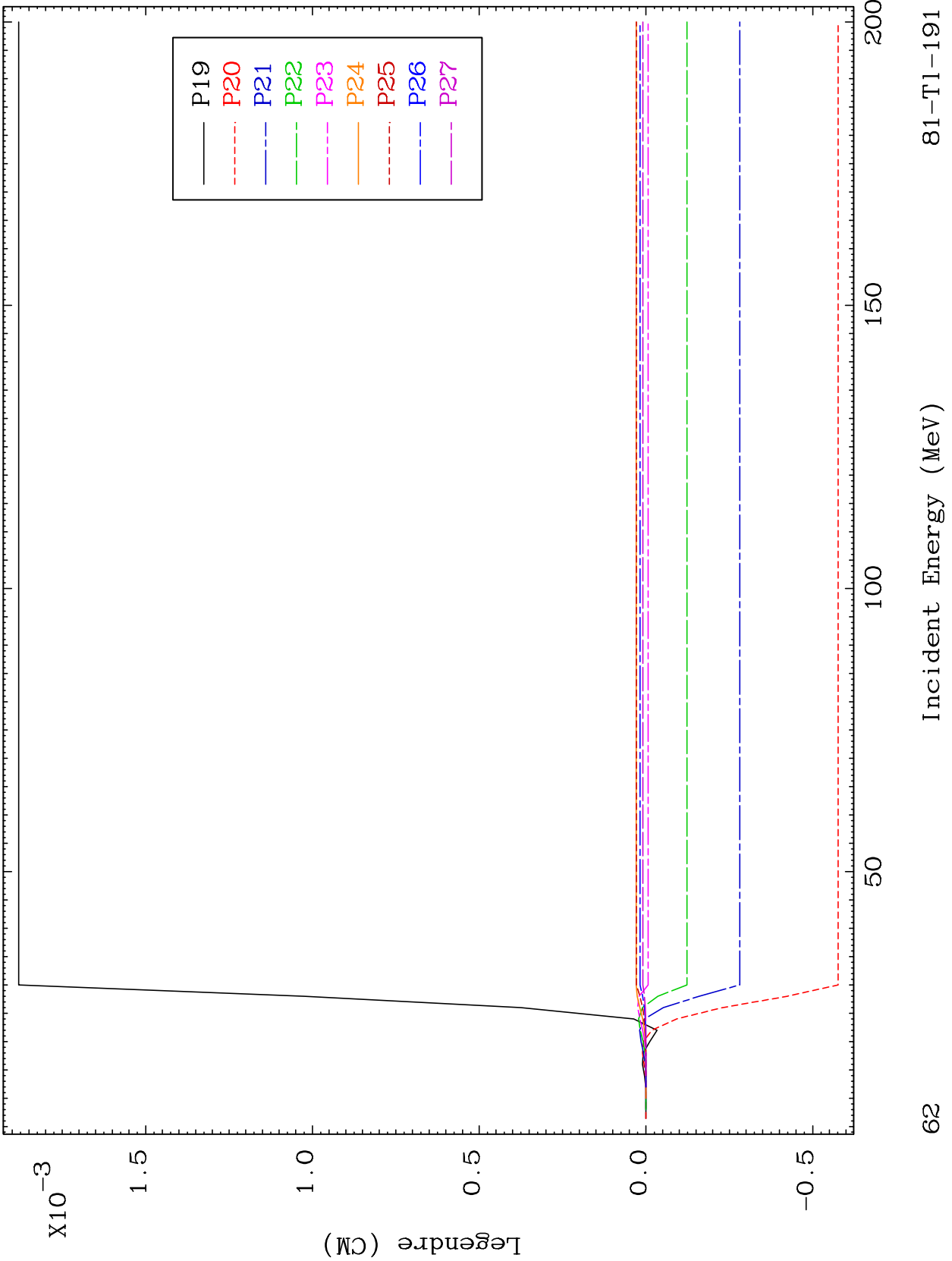
Incident Energy (MeV)

Legendre (CM)

MAT 8089

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

81-Tl-191



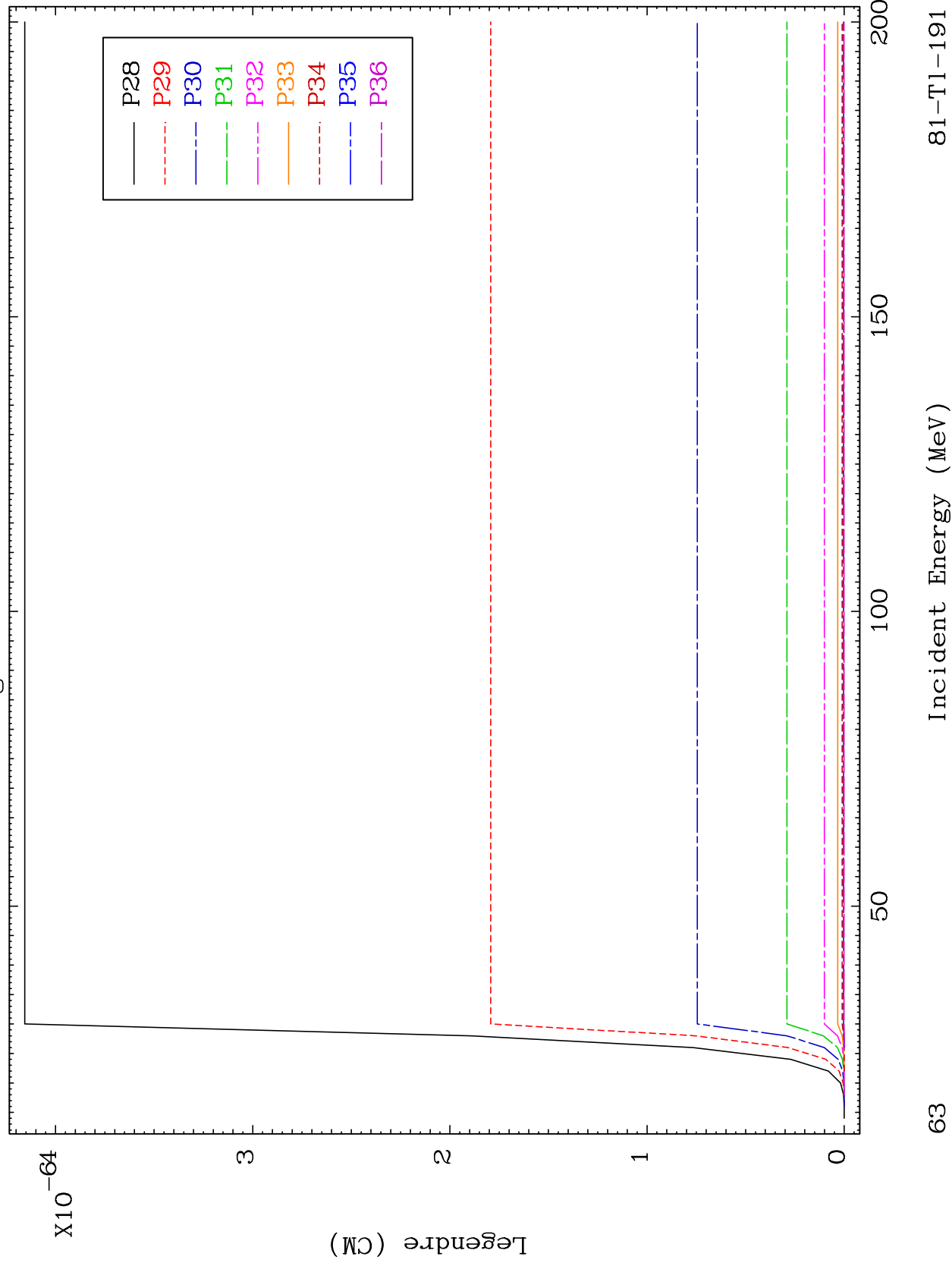
62

81-Tl-191

MAT 8089

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

81-Tl-191

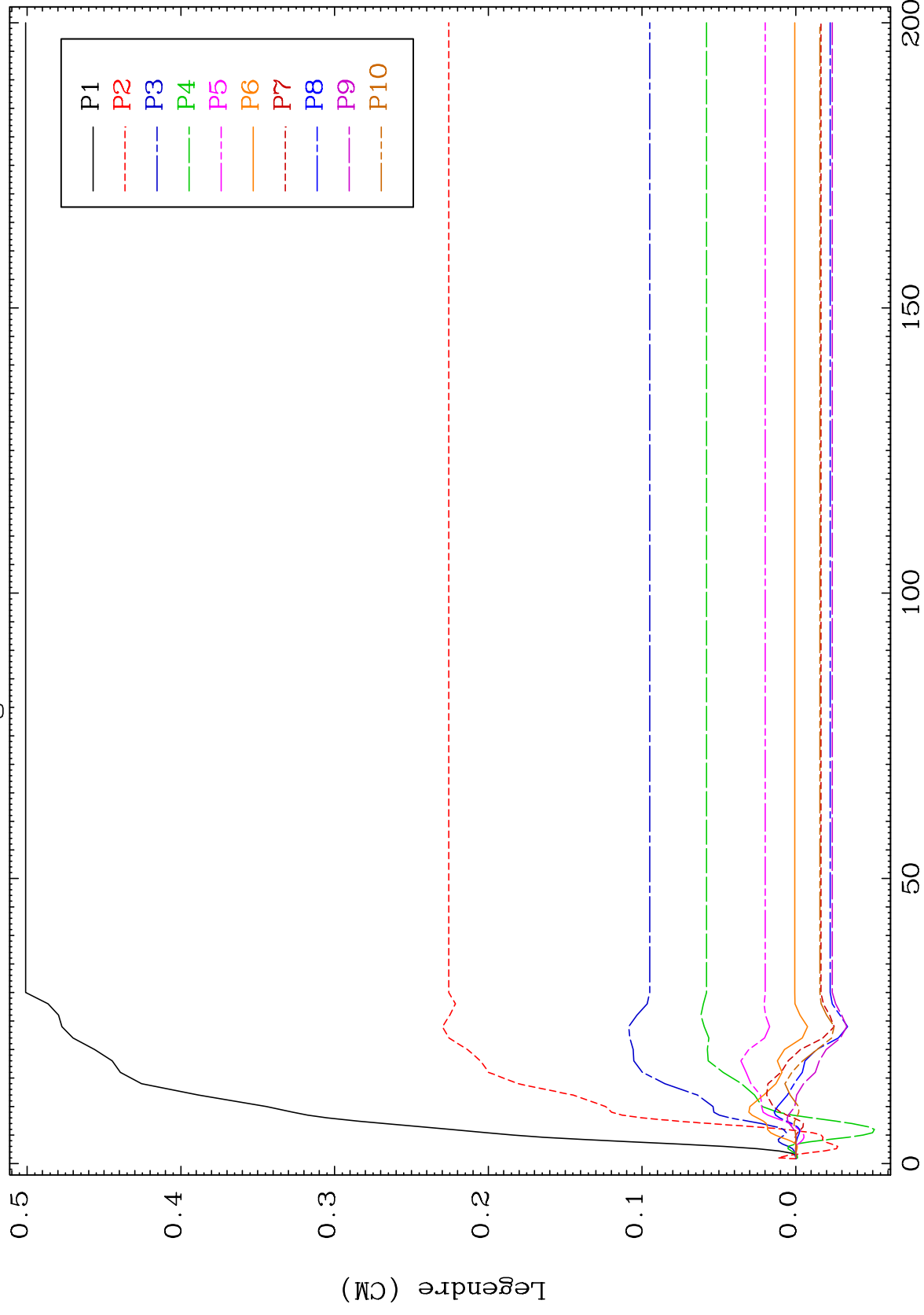


63

MAT 8089

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

81-Tl-191



64

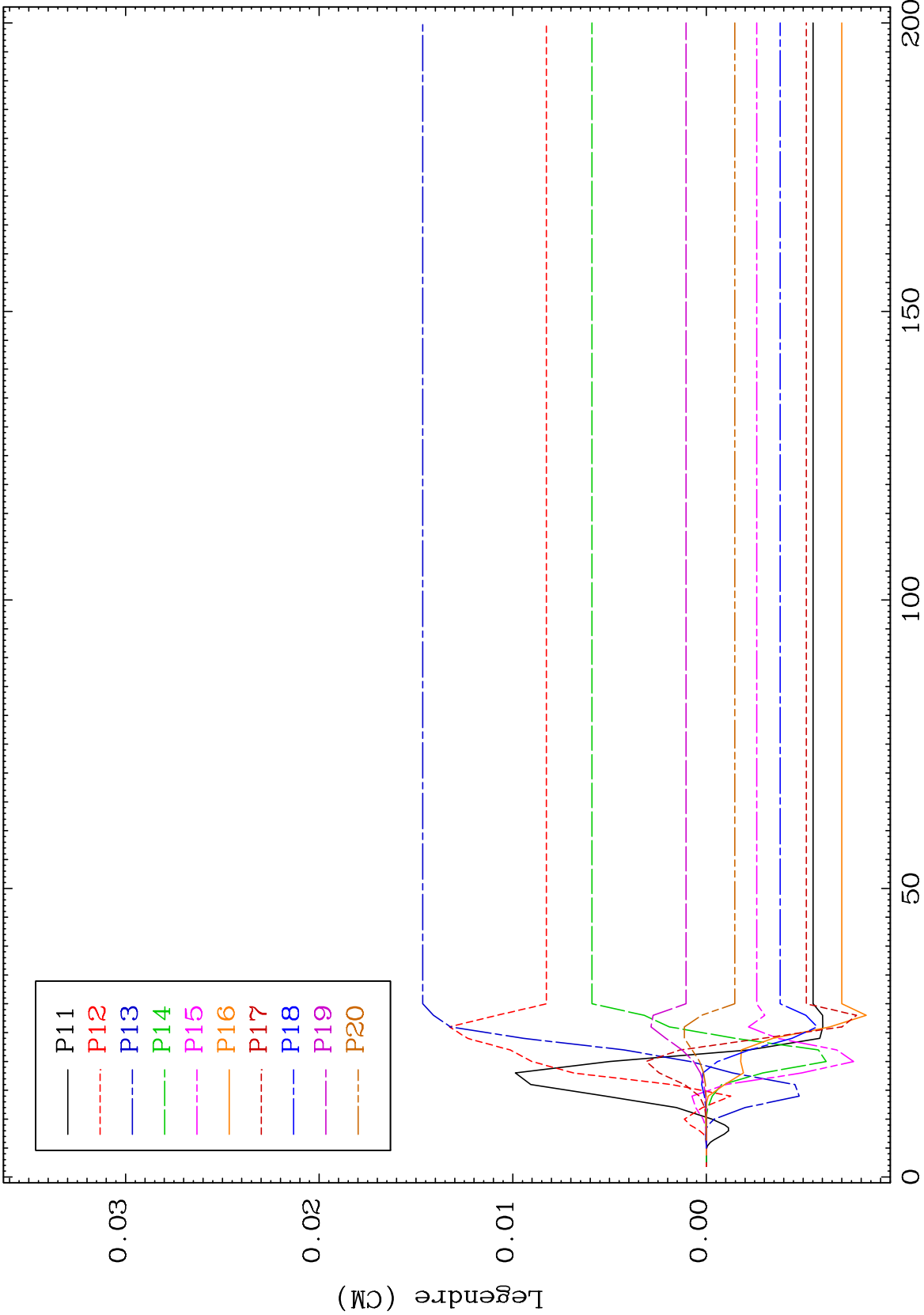
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

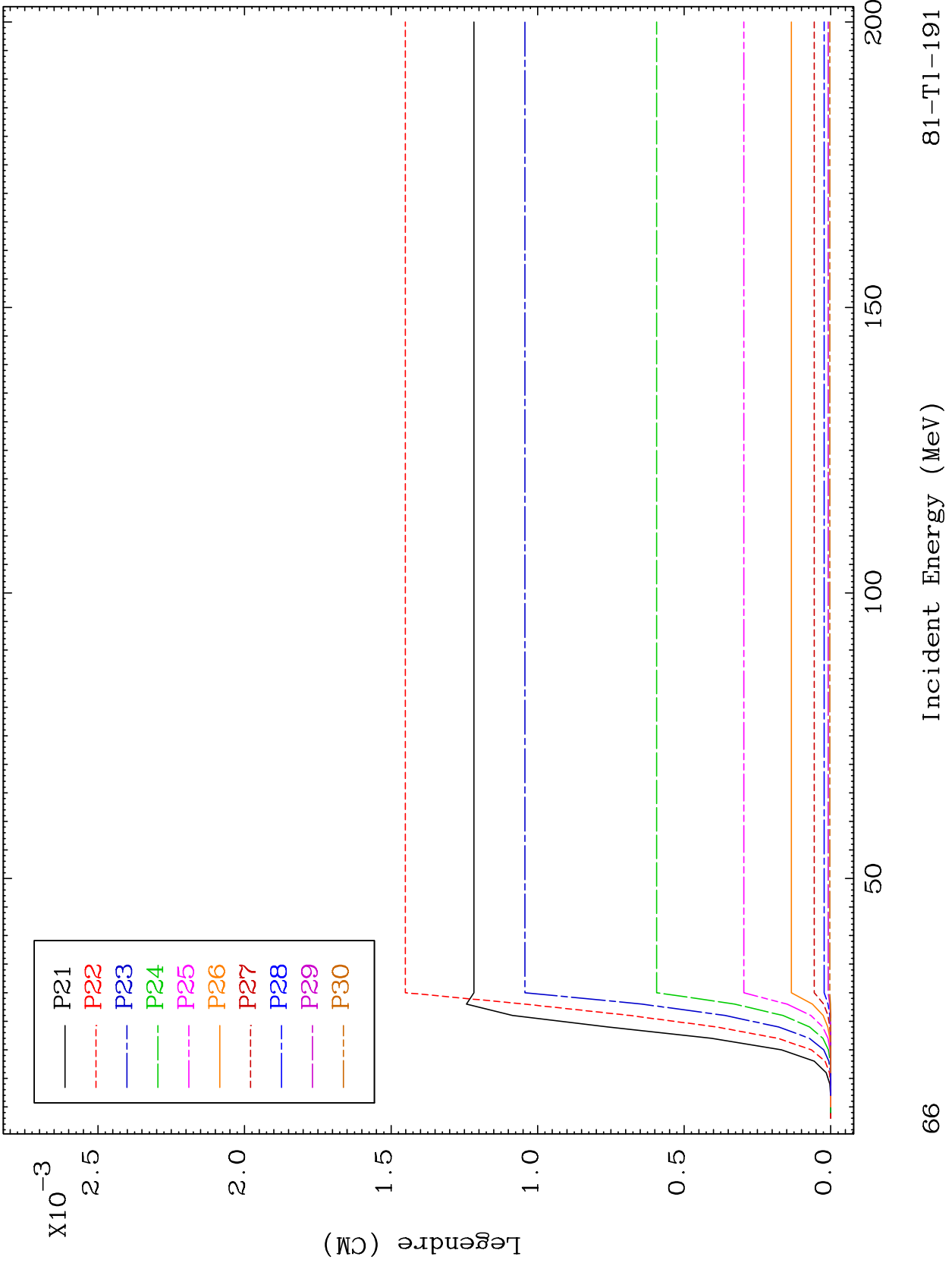
81-Tl-191



65

Incident Energy (MeV)

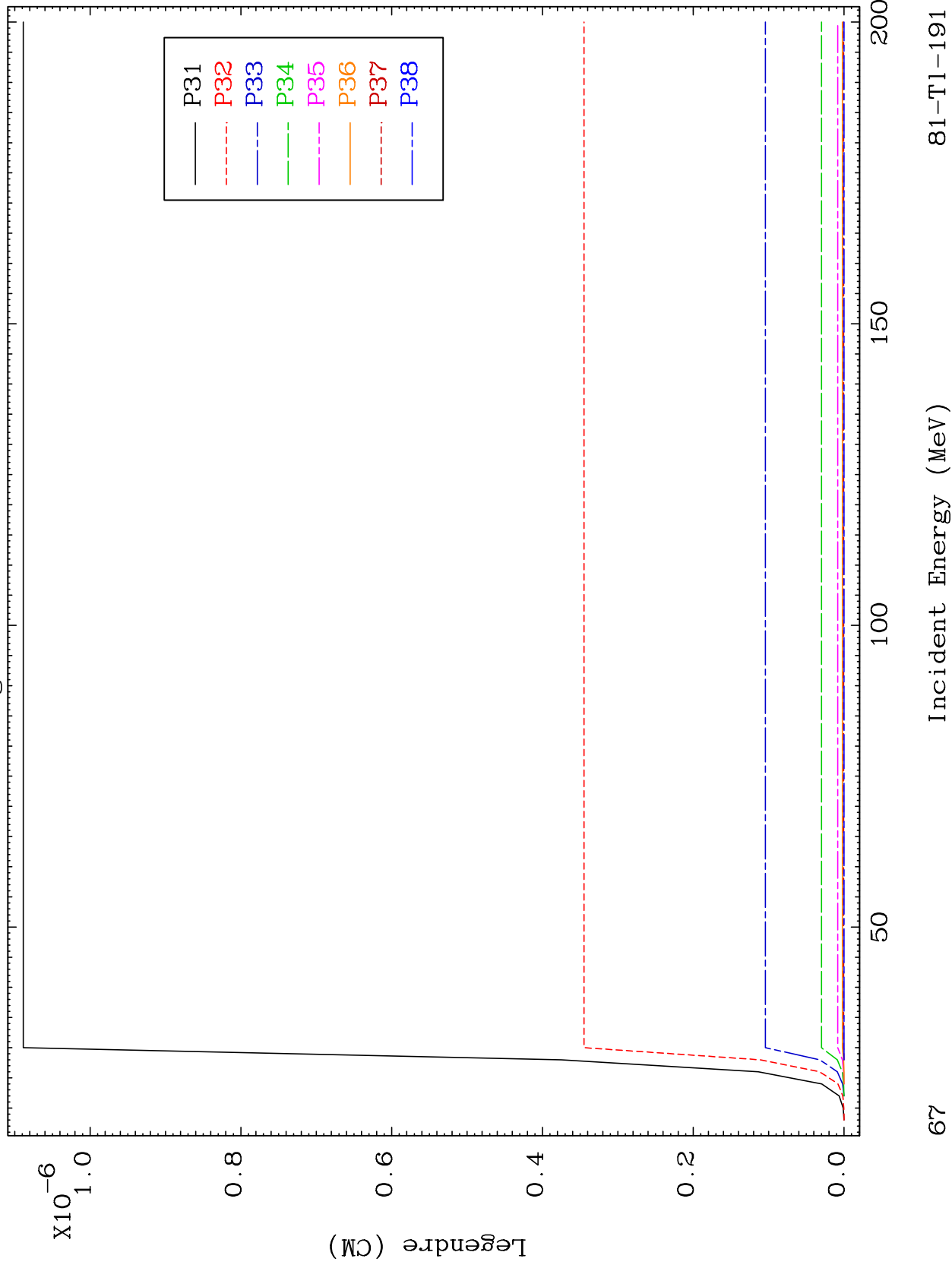
81-Tl-191



MAT 8089

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

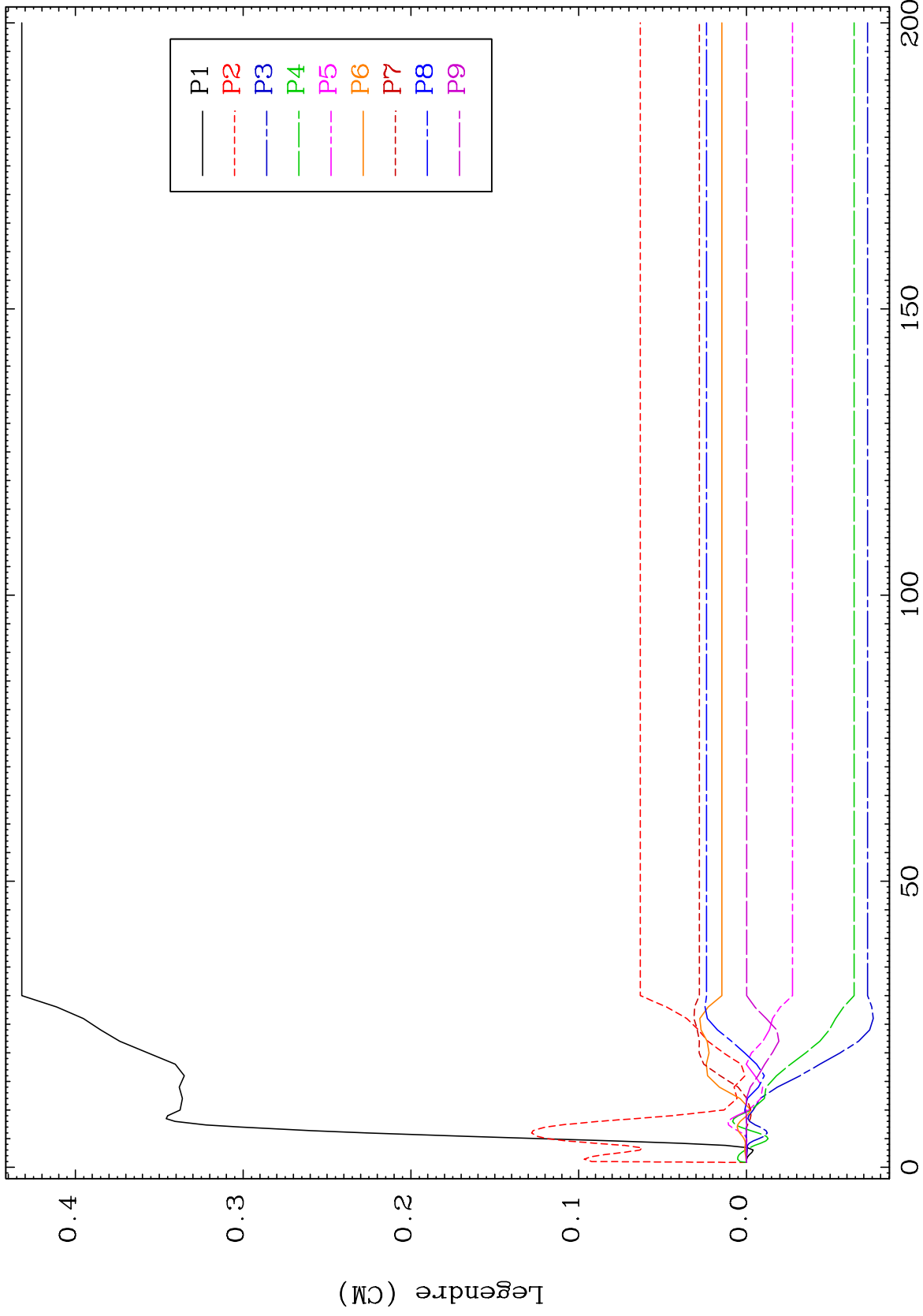
81-Tl-191



MAT 8089

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

81-Tl-191



68

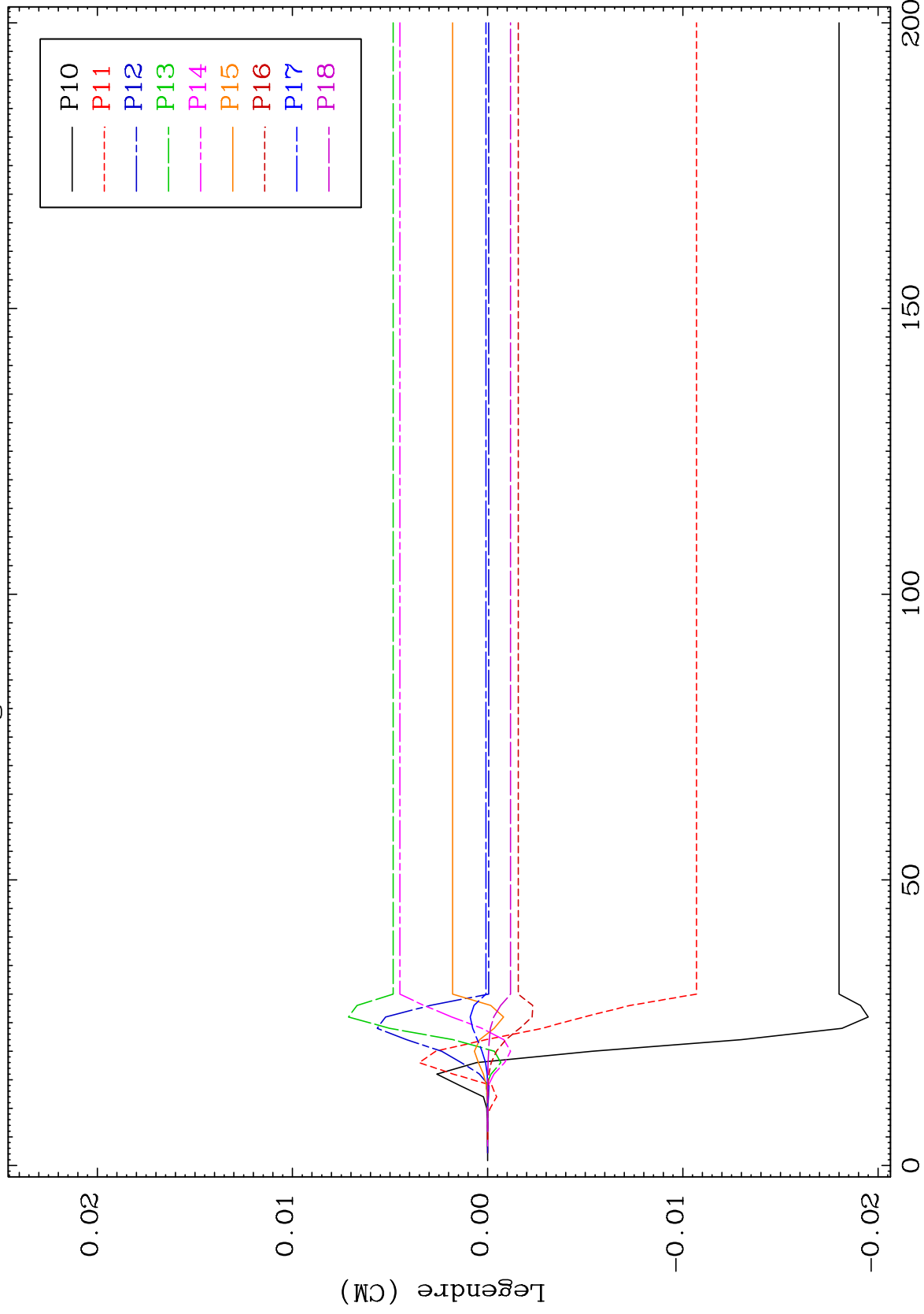
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



69

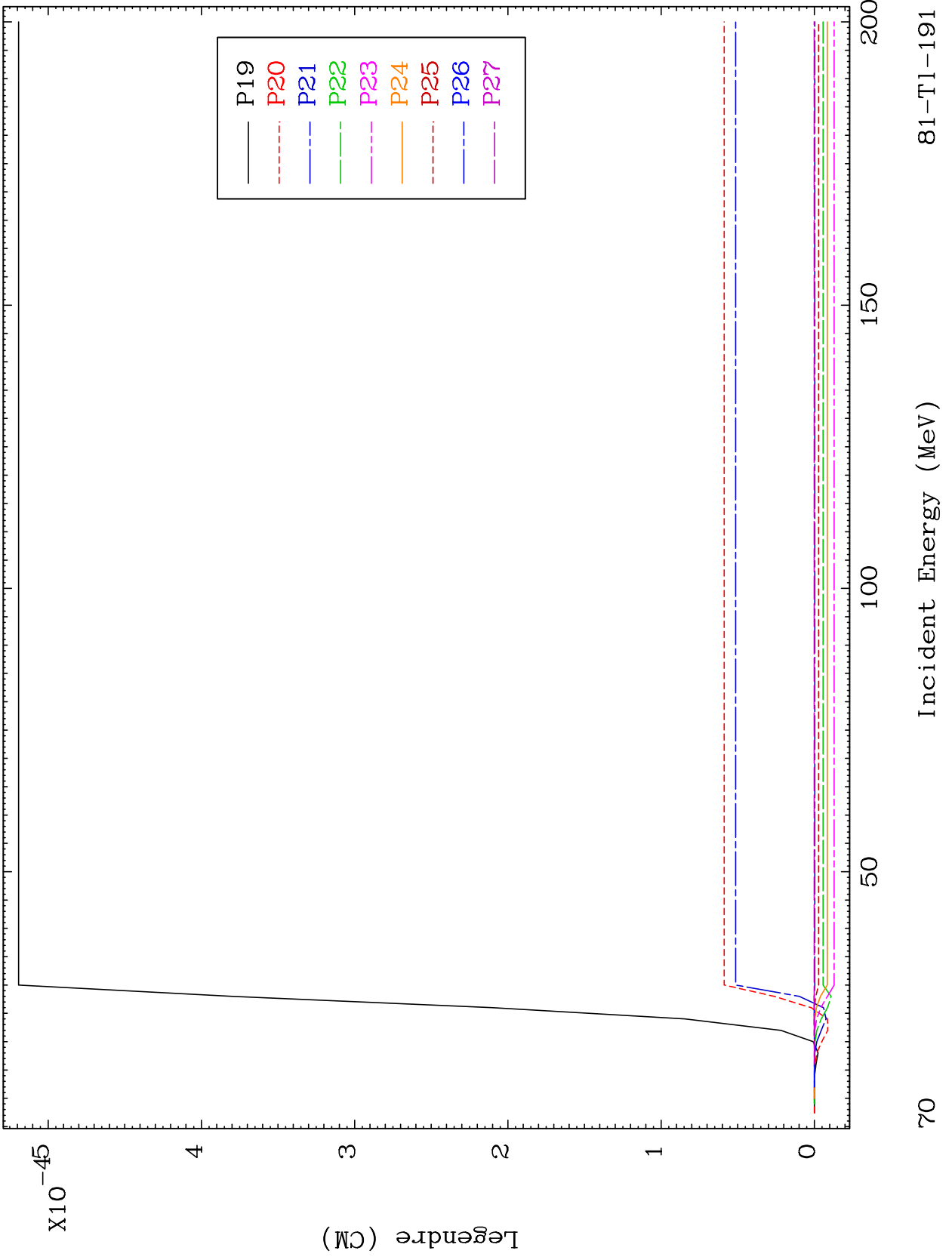
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



70

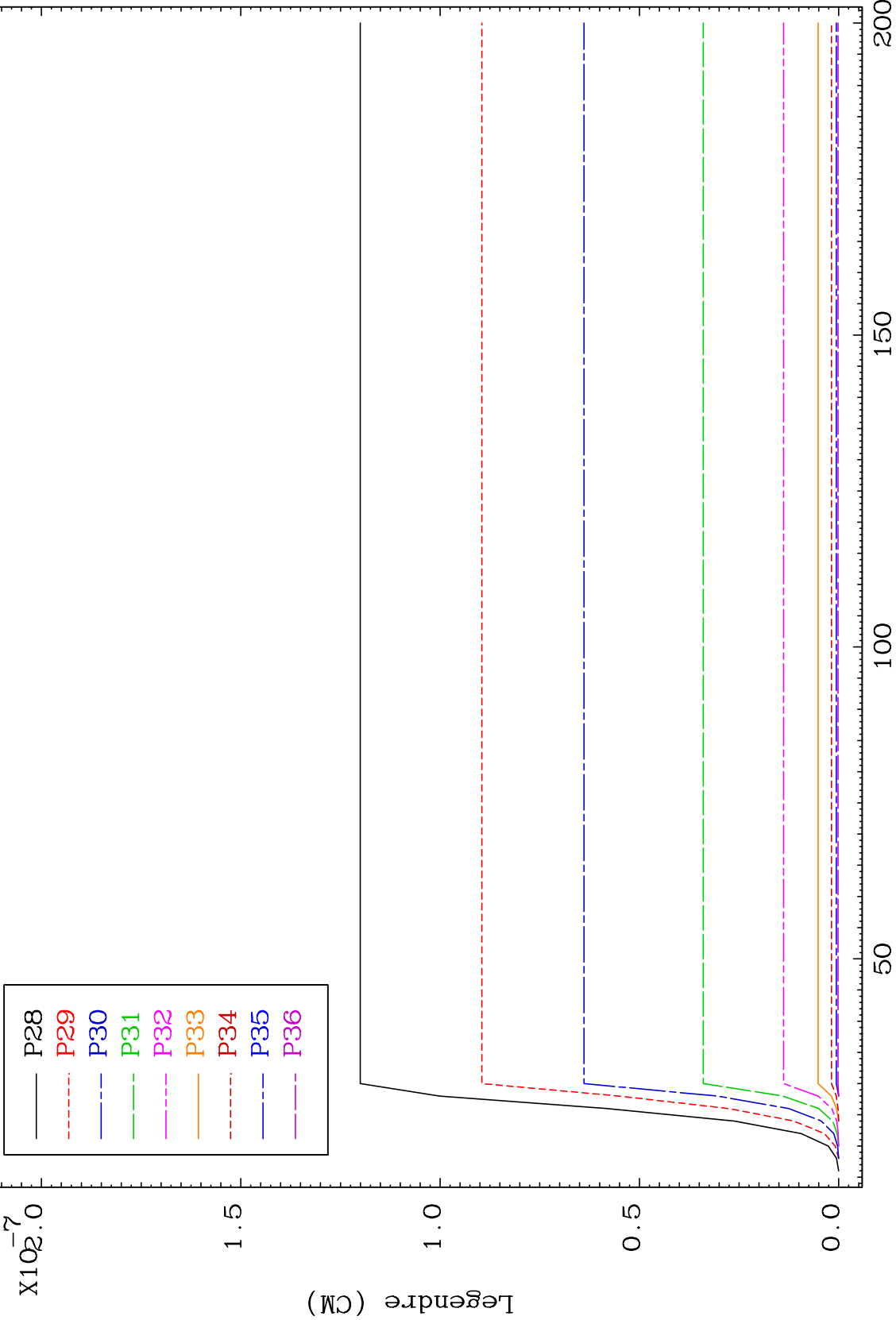
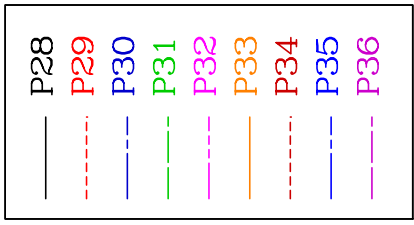
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



71

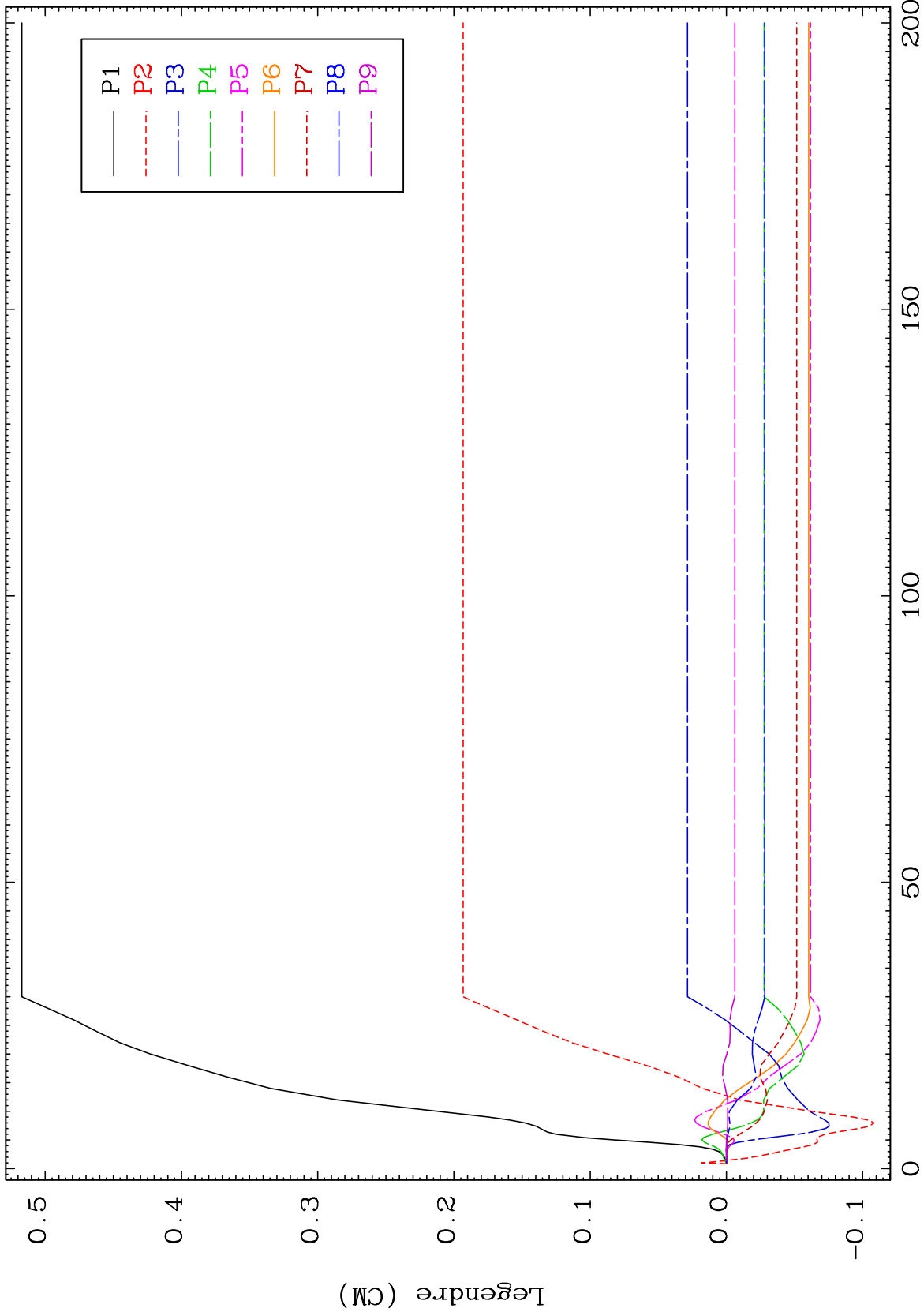
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



72

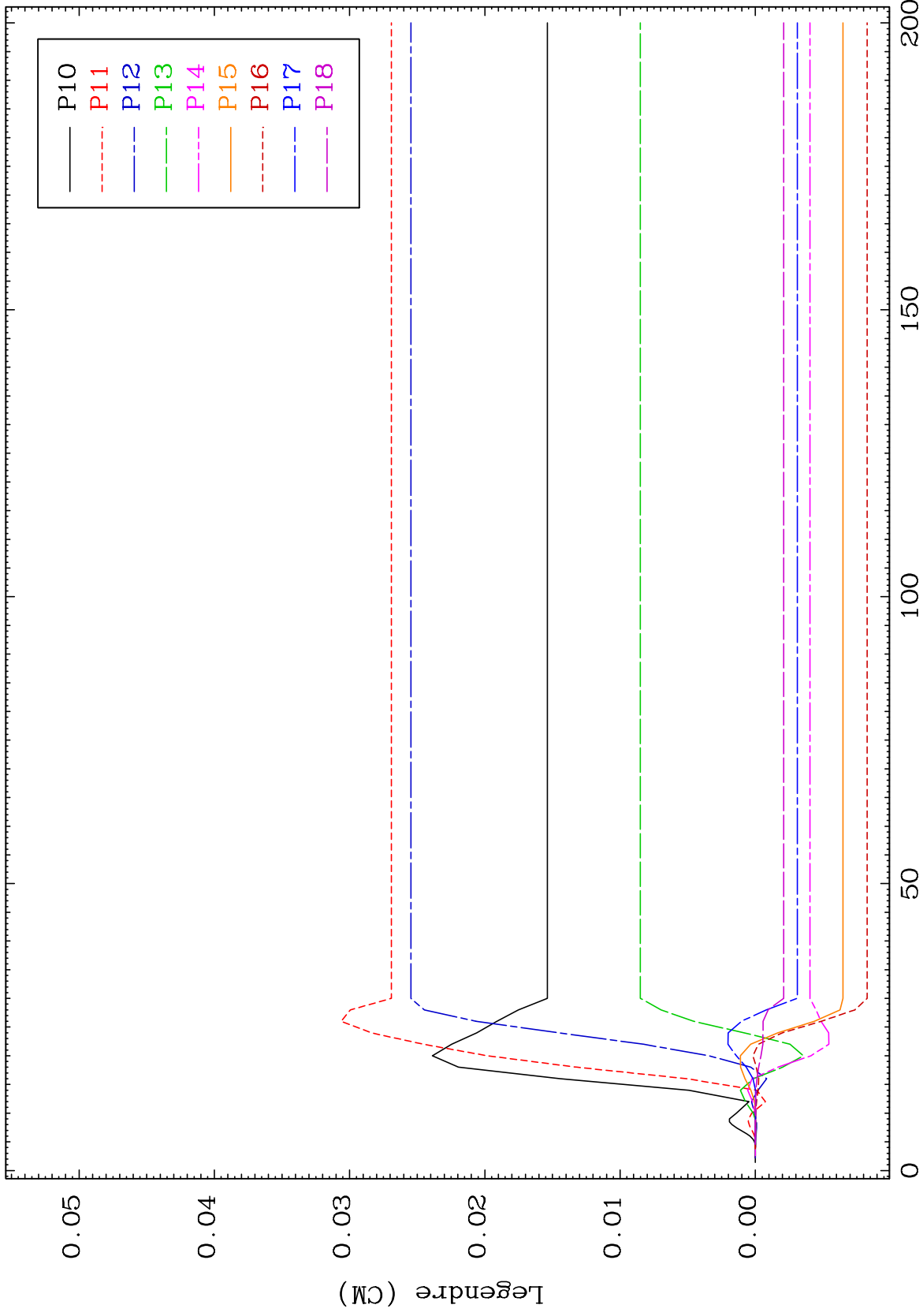
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

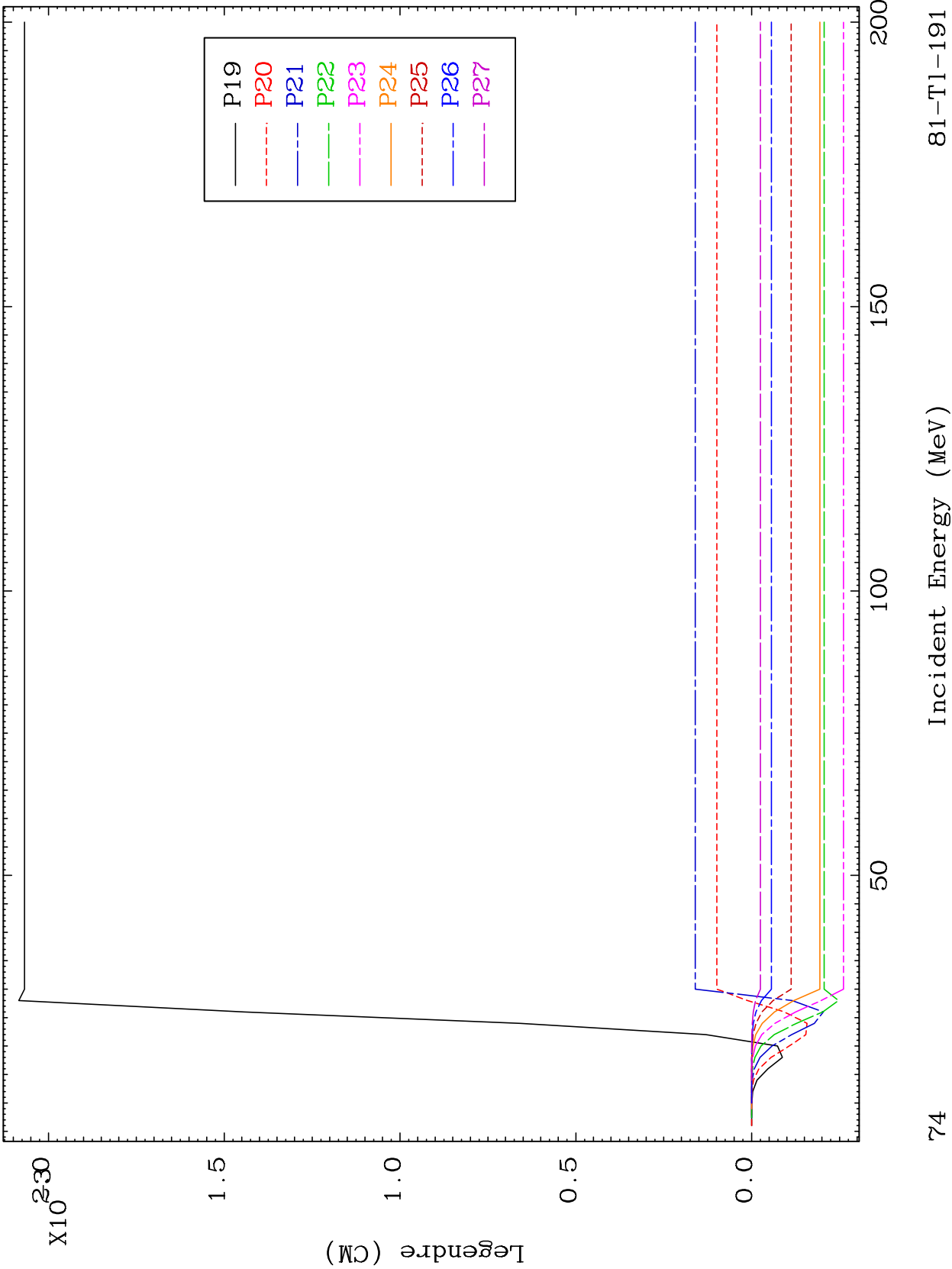
81-Tl-191



73

Incident Energy (MeV)

81-Tl-191

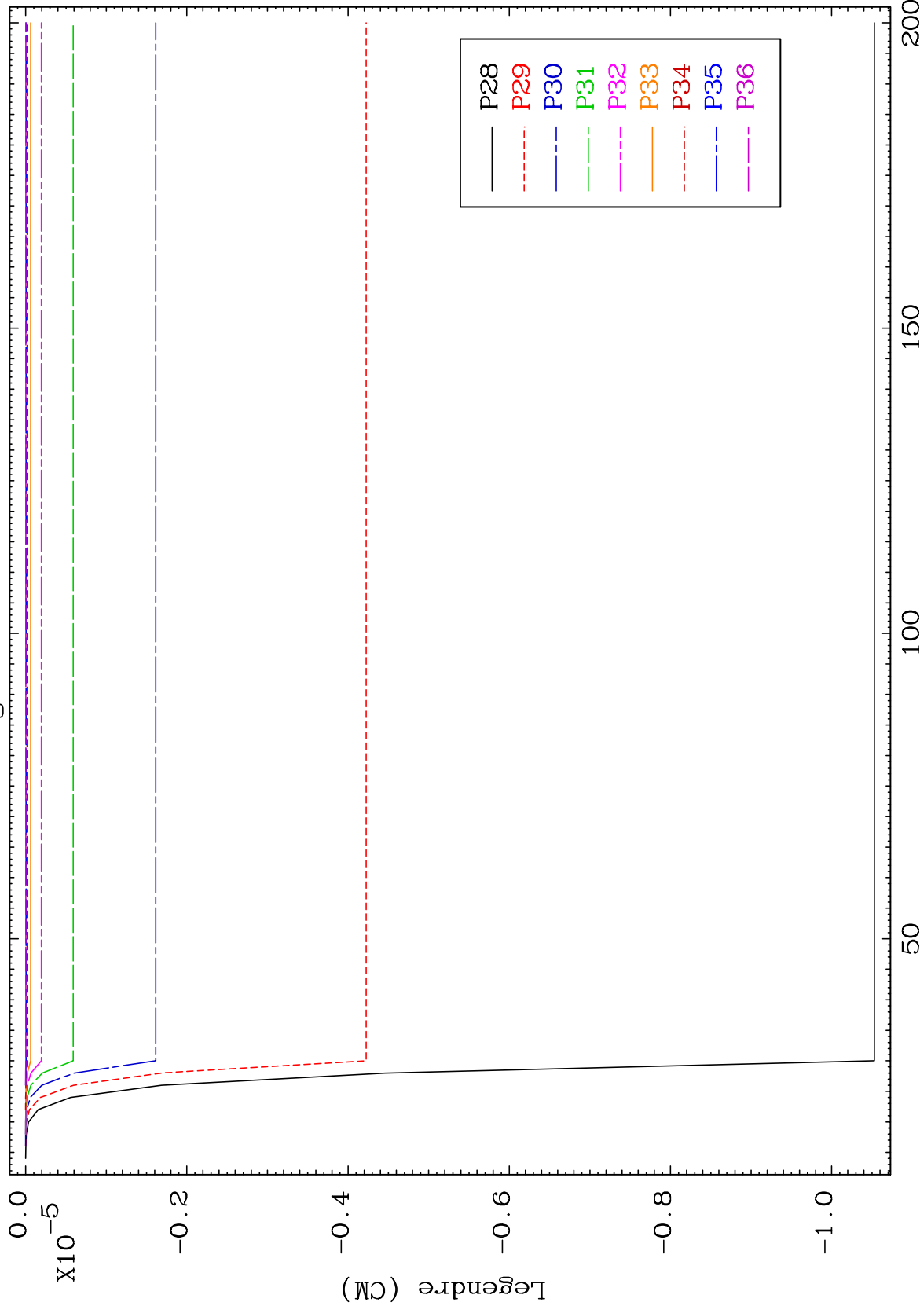


MAT 8089

MT= 64 (n,n') Level

81-Tl-191

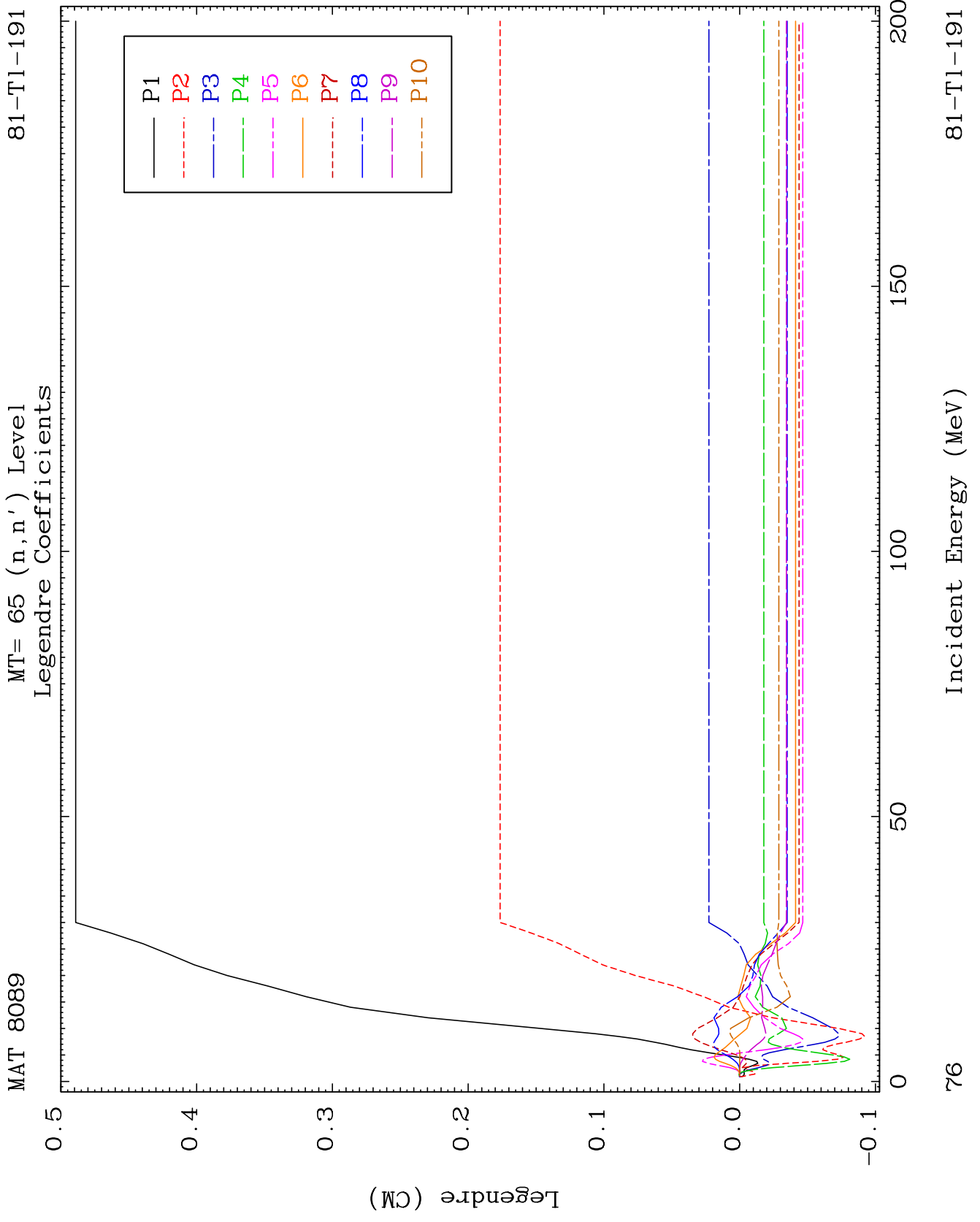
Legendre Coefficients



75

Incident Energy (MeV)

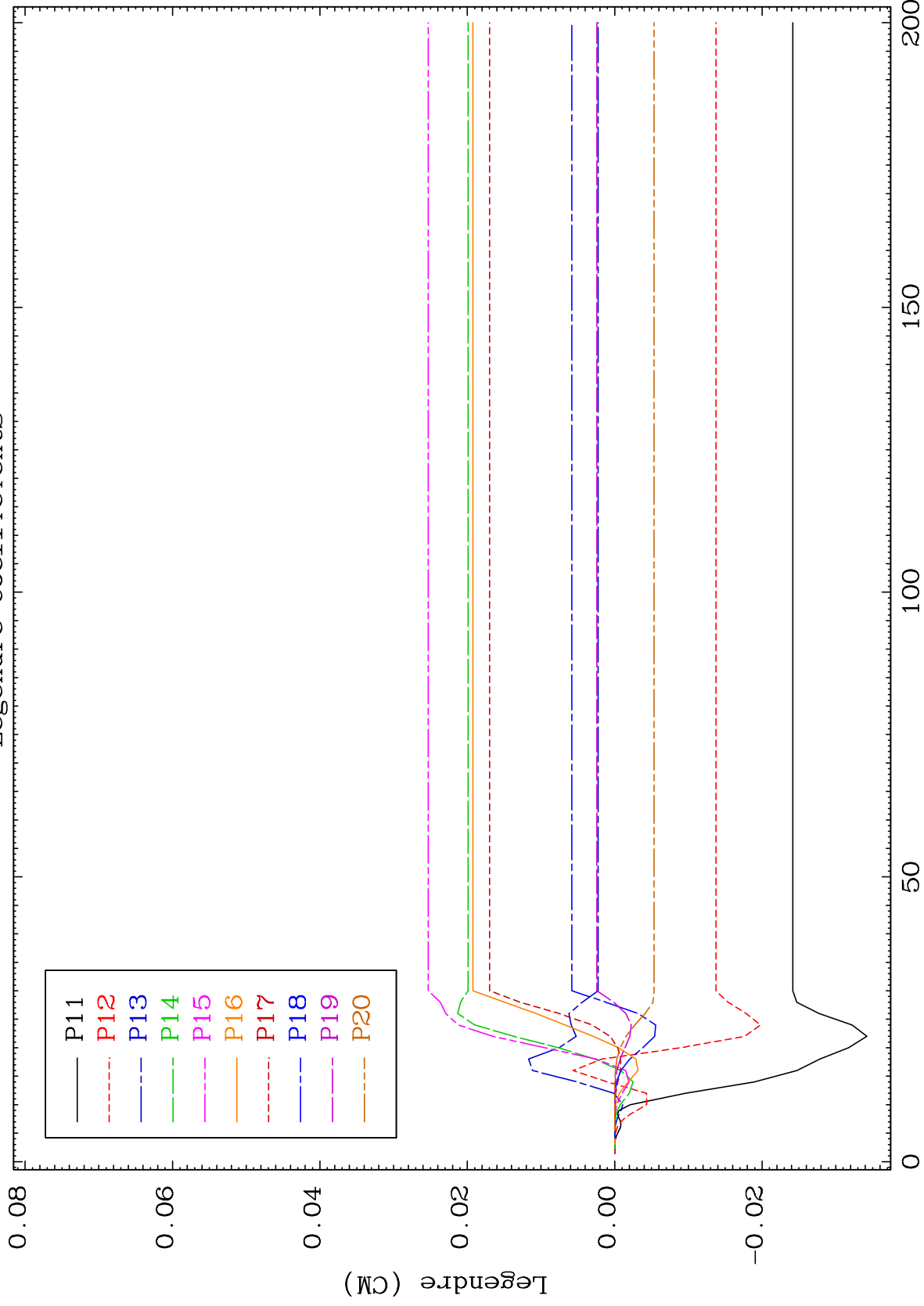
81-Tl-191



MAT 8089

81-Tl-191

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



77

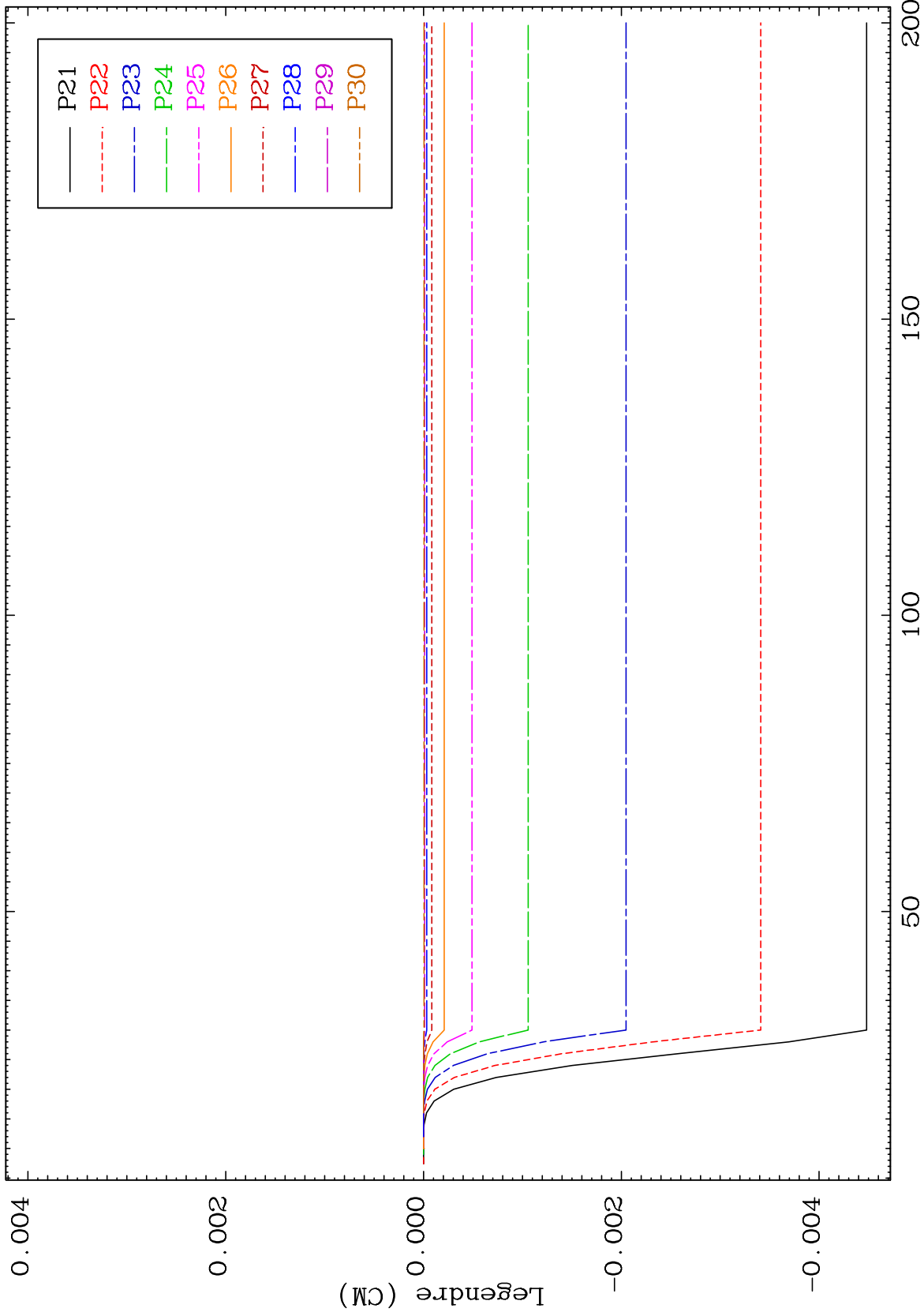
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

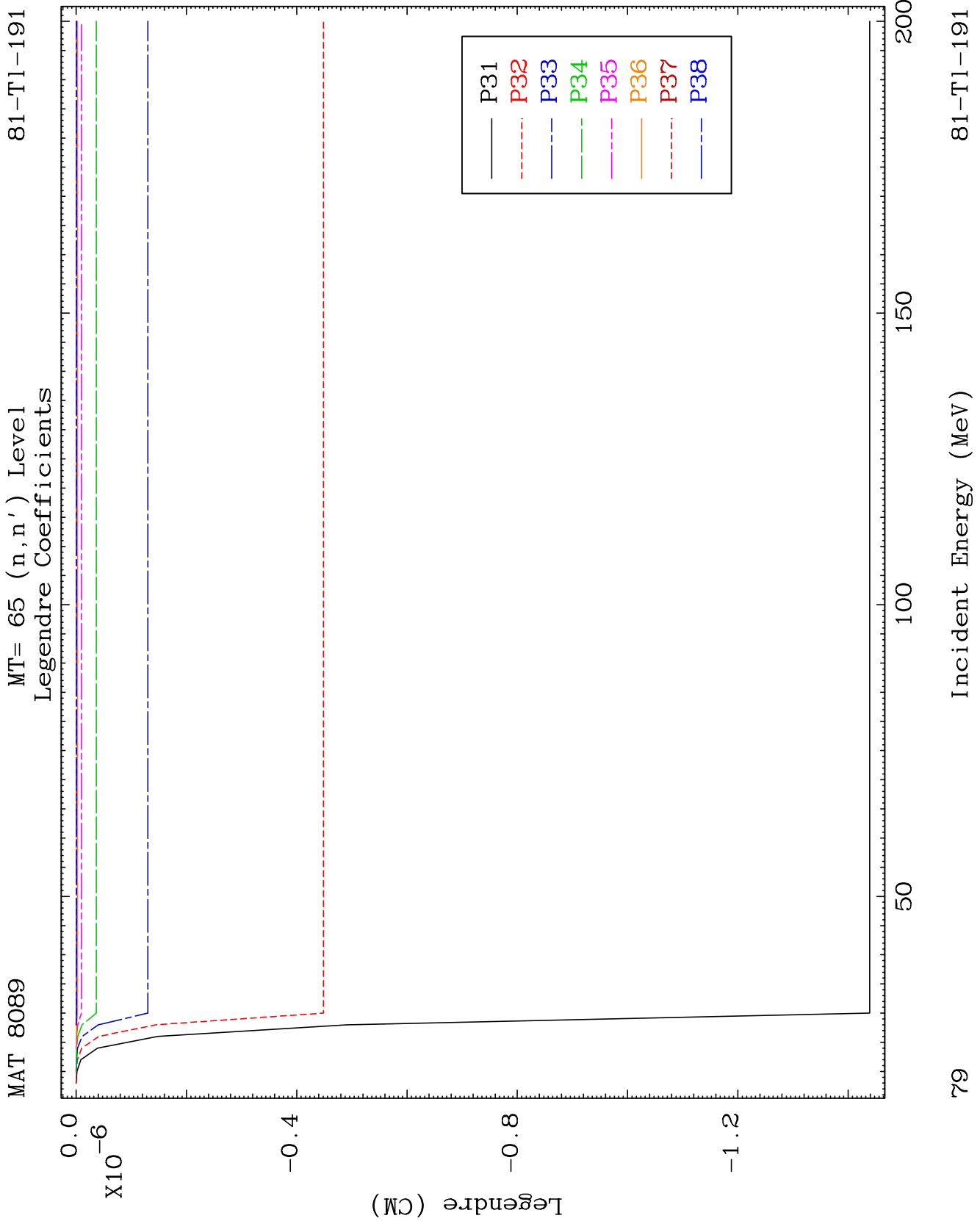
81-T1-191



78

Incident Energy (MeV)

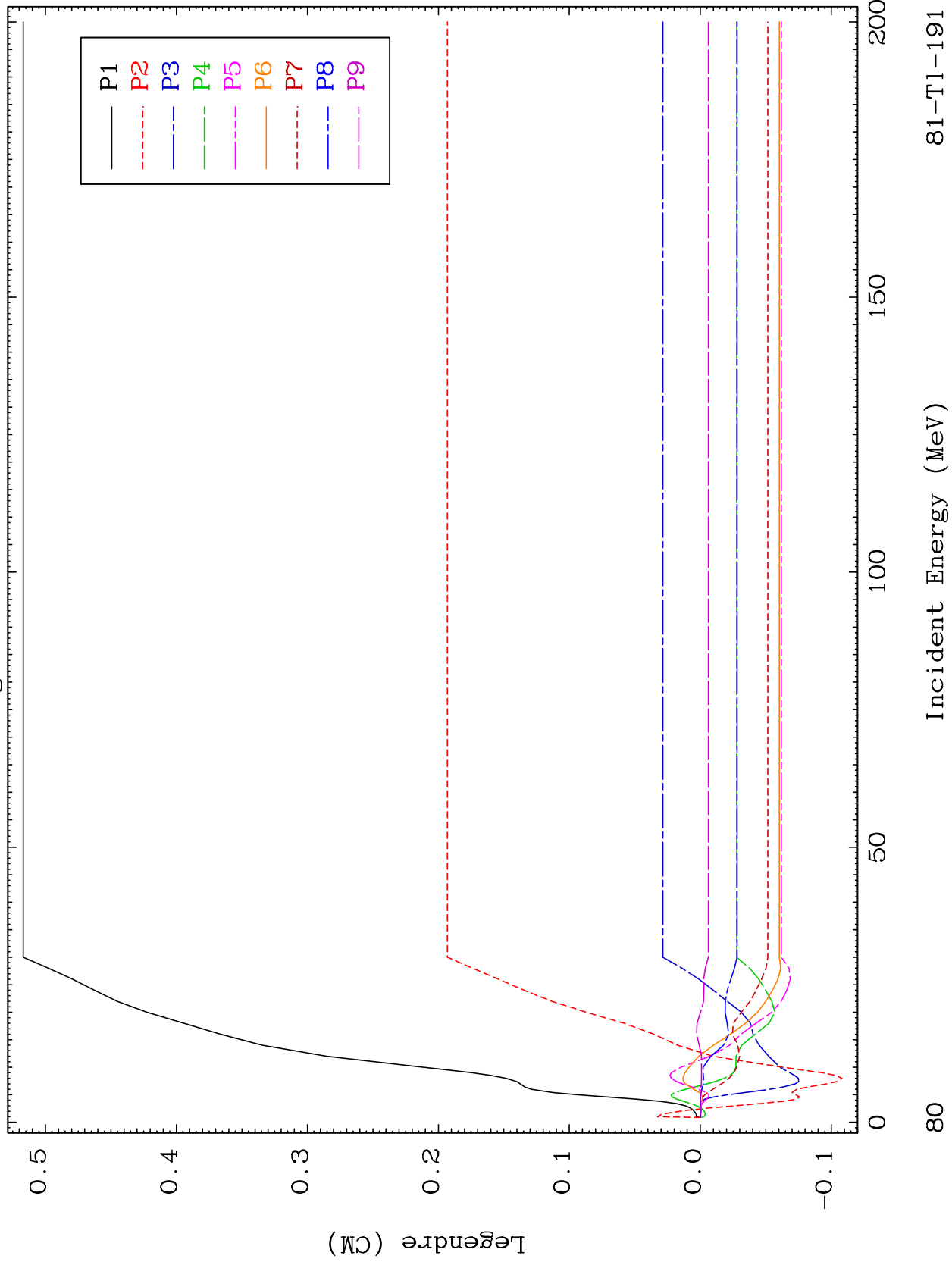
81-T1-191



MAT 8089

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

81-Tl-191



81-Tl-191

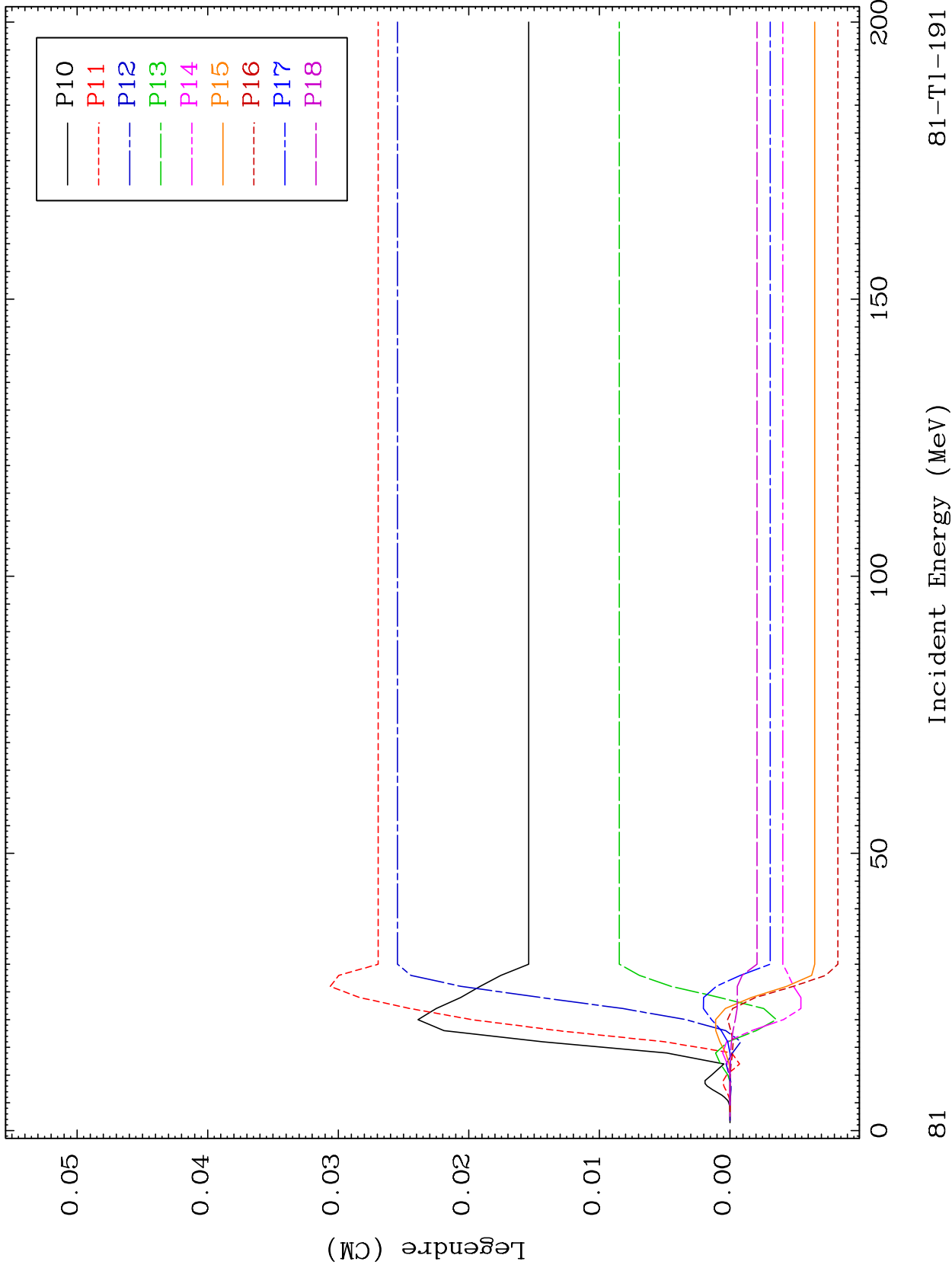
Incident Energy (MeV)

80

MAT 8089

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

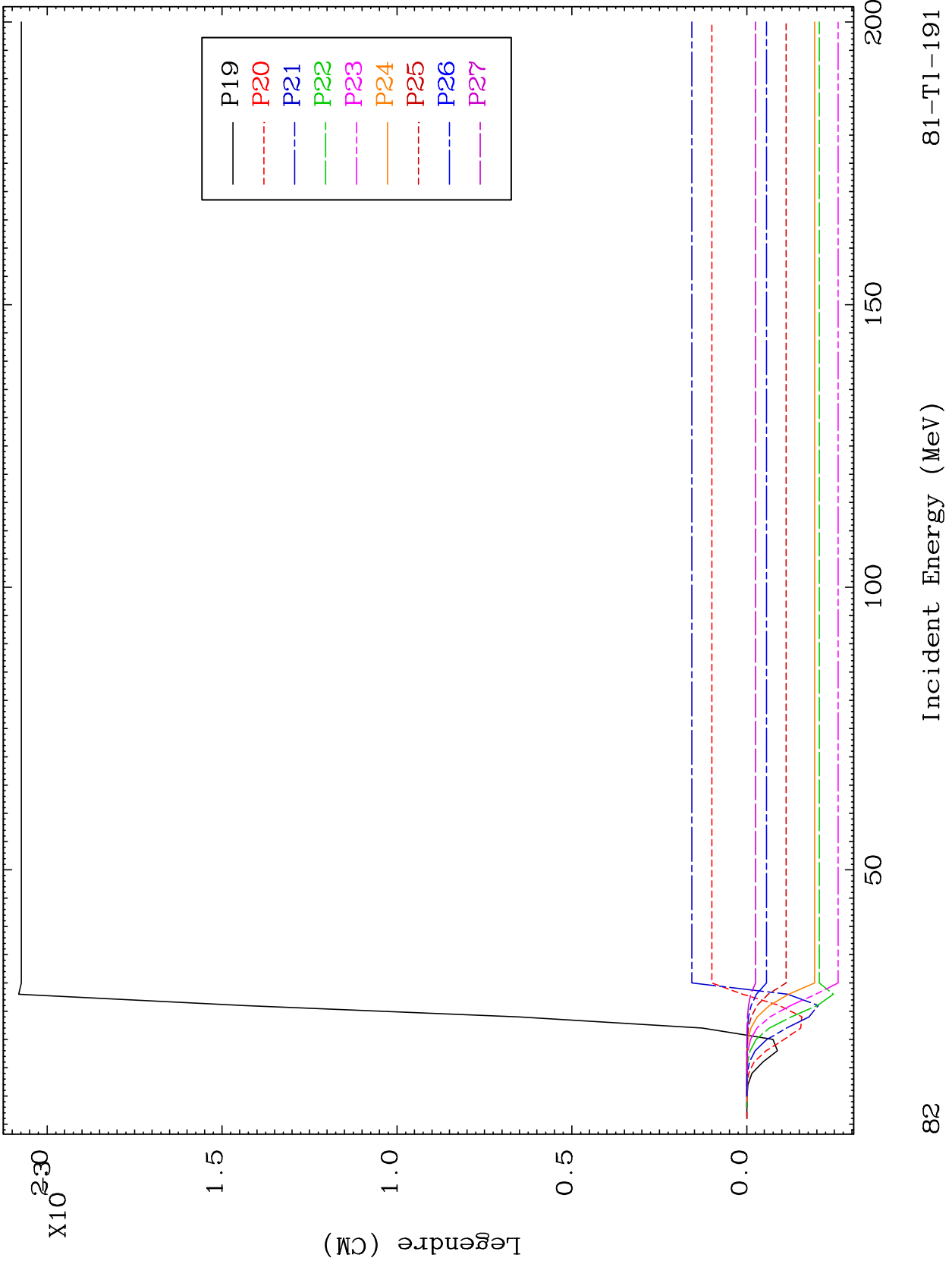
81-Tl-191



81

Incident Energy (MeV)

81-Tl-191

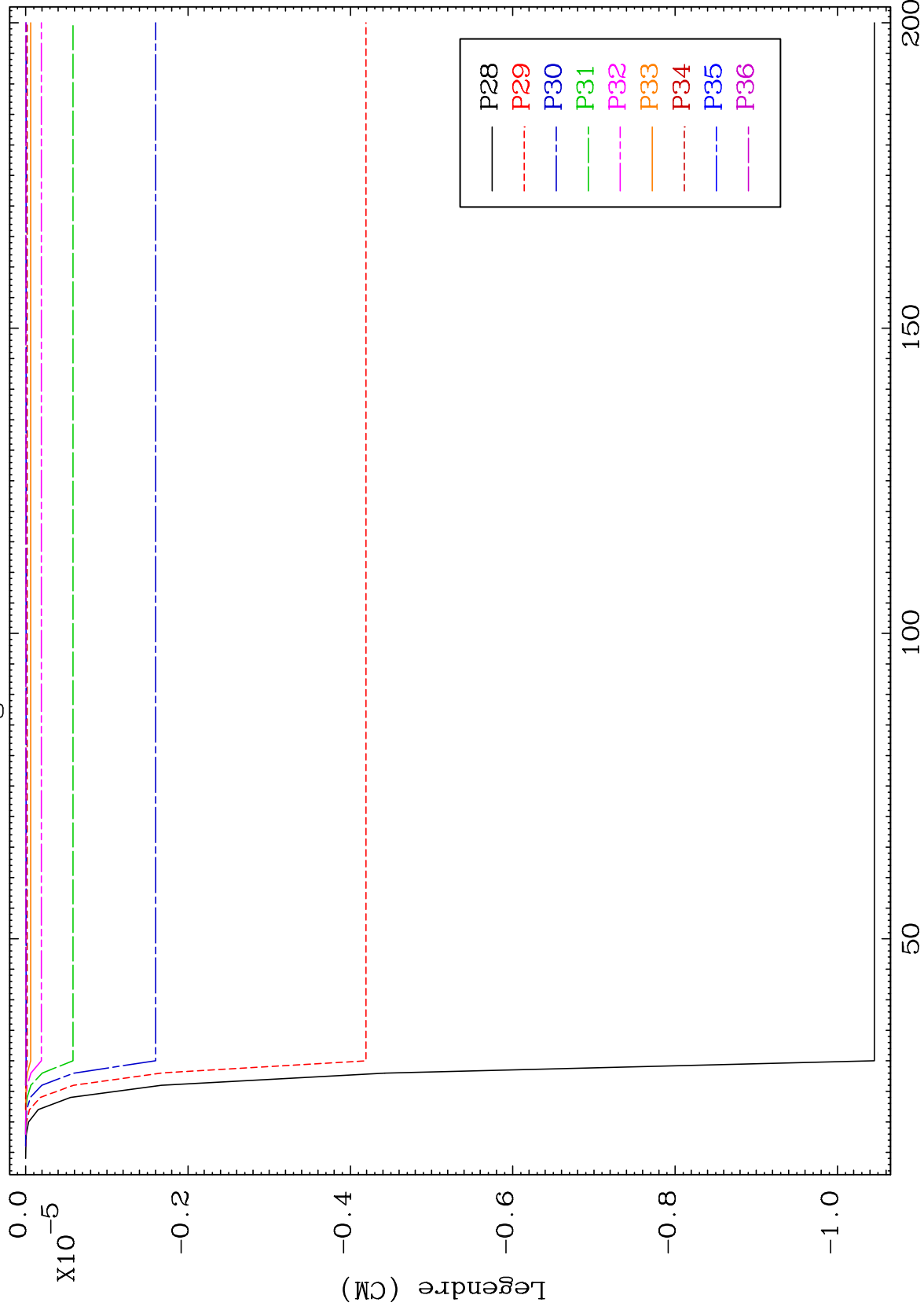


MAT 8089

MT= 66 (n,n') Level

81-Tl-191

Legendre Coefficients



83

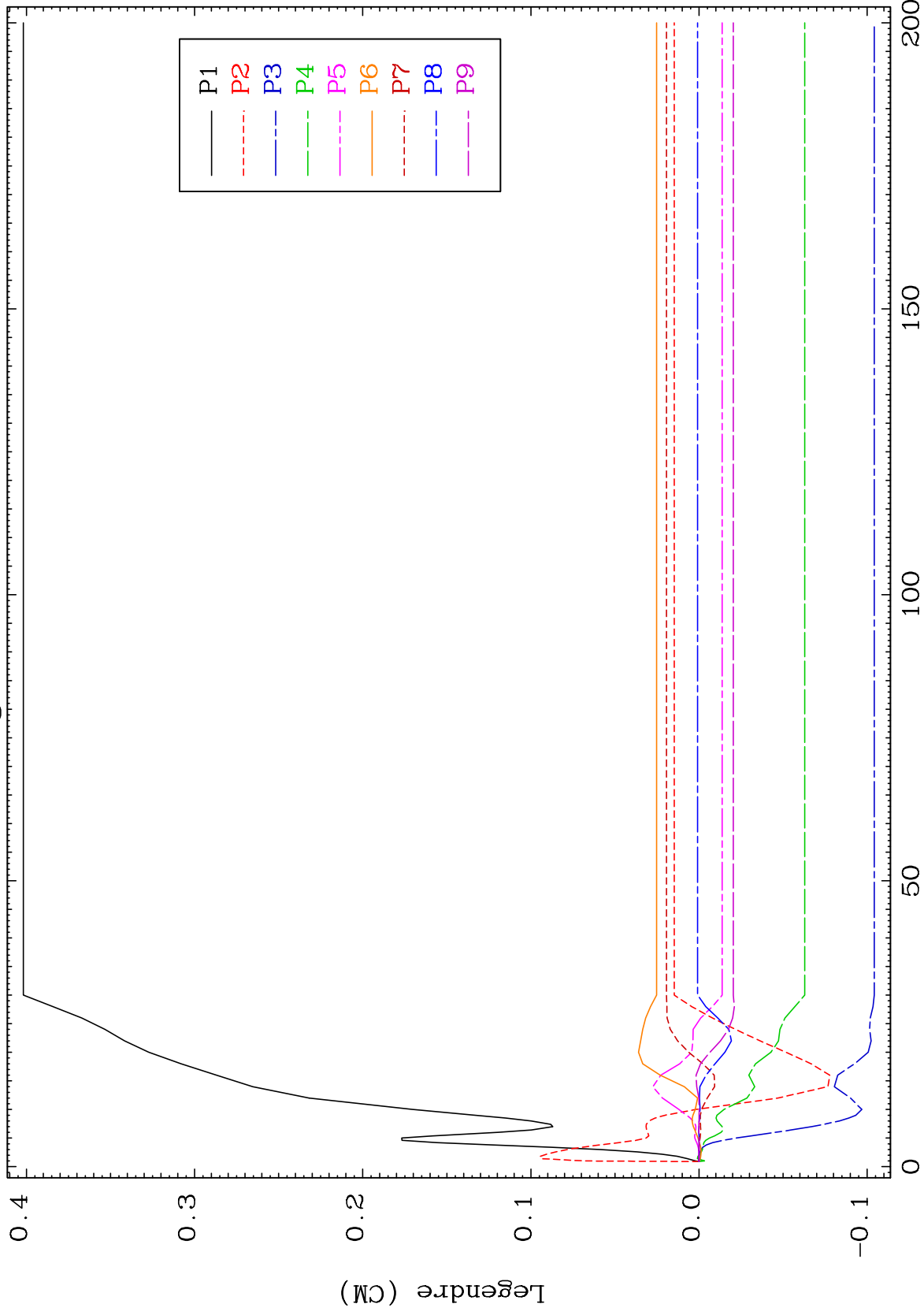
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



84

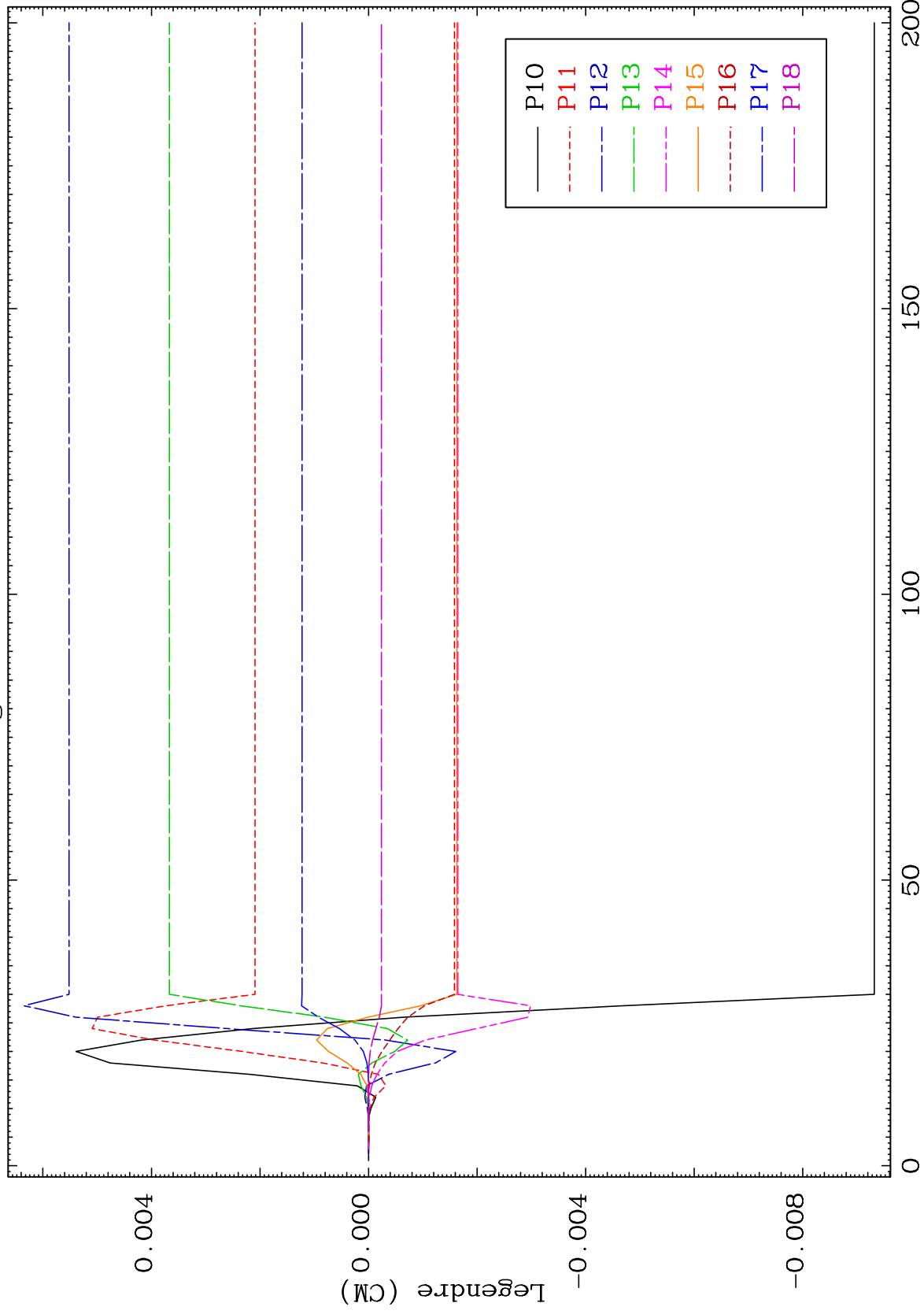
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



85

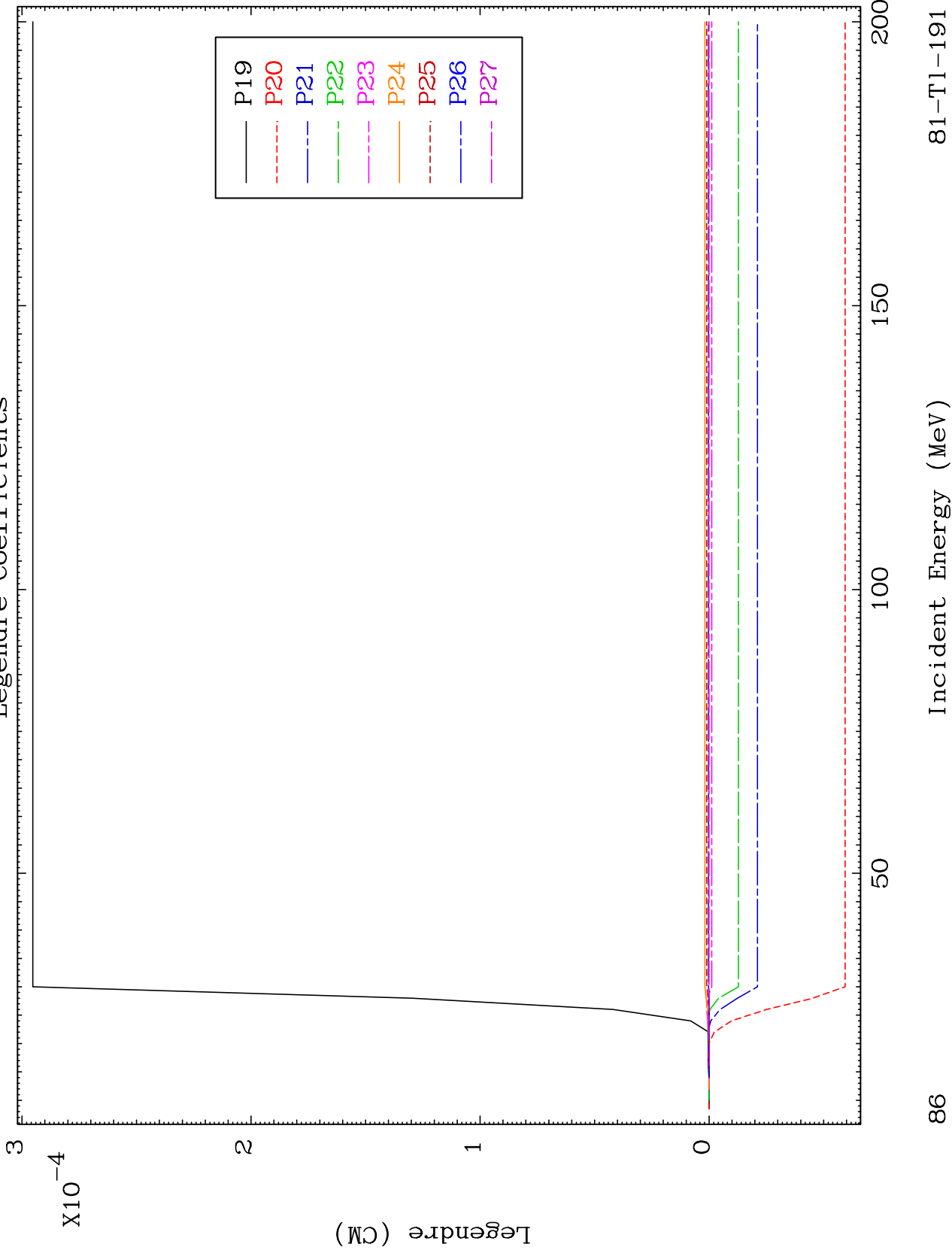
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



86

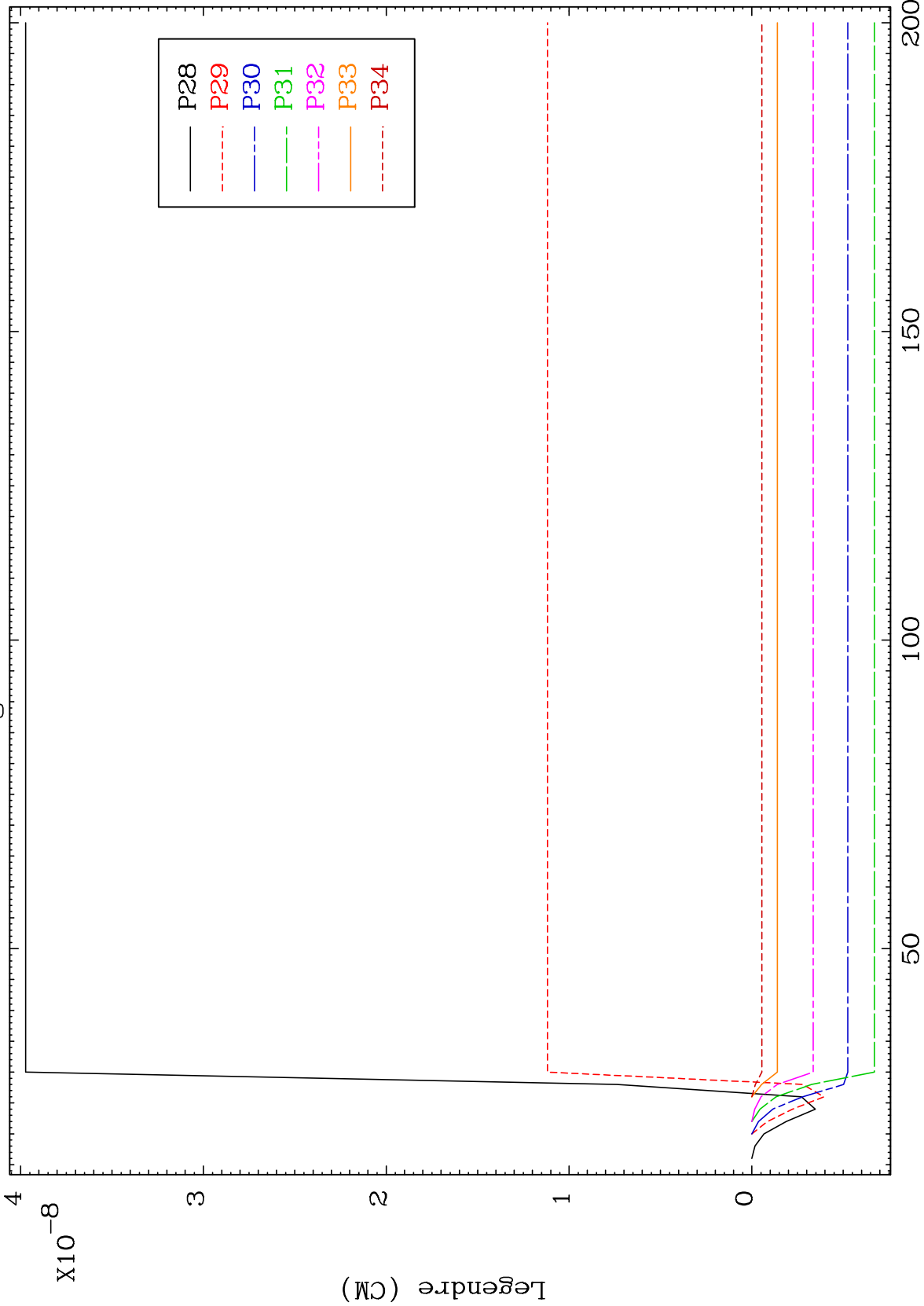
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



87

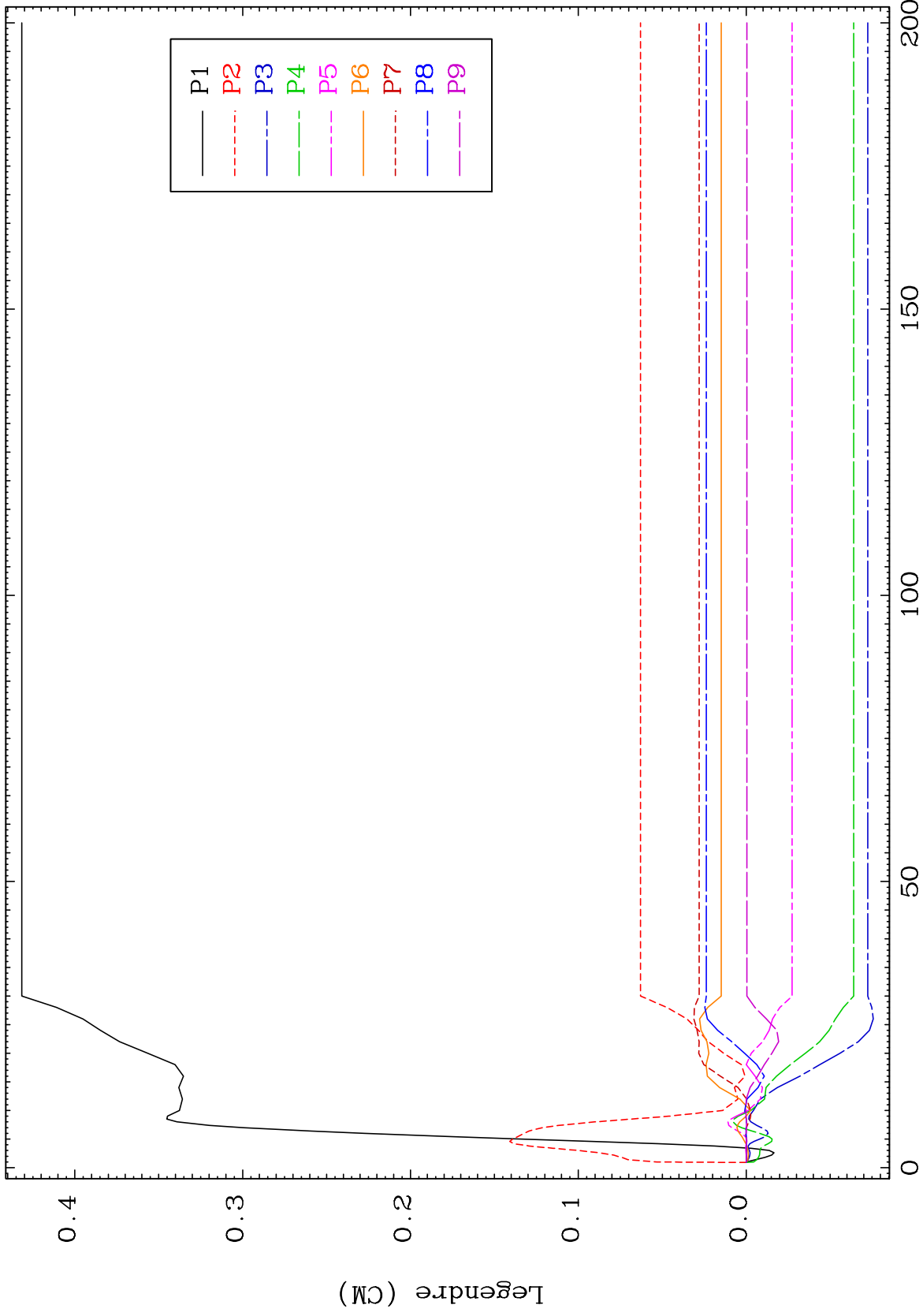
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



88

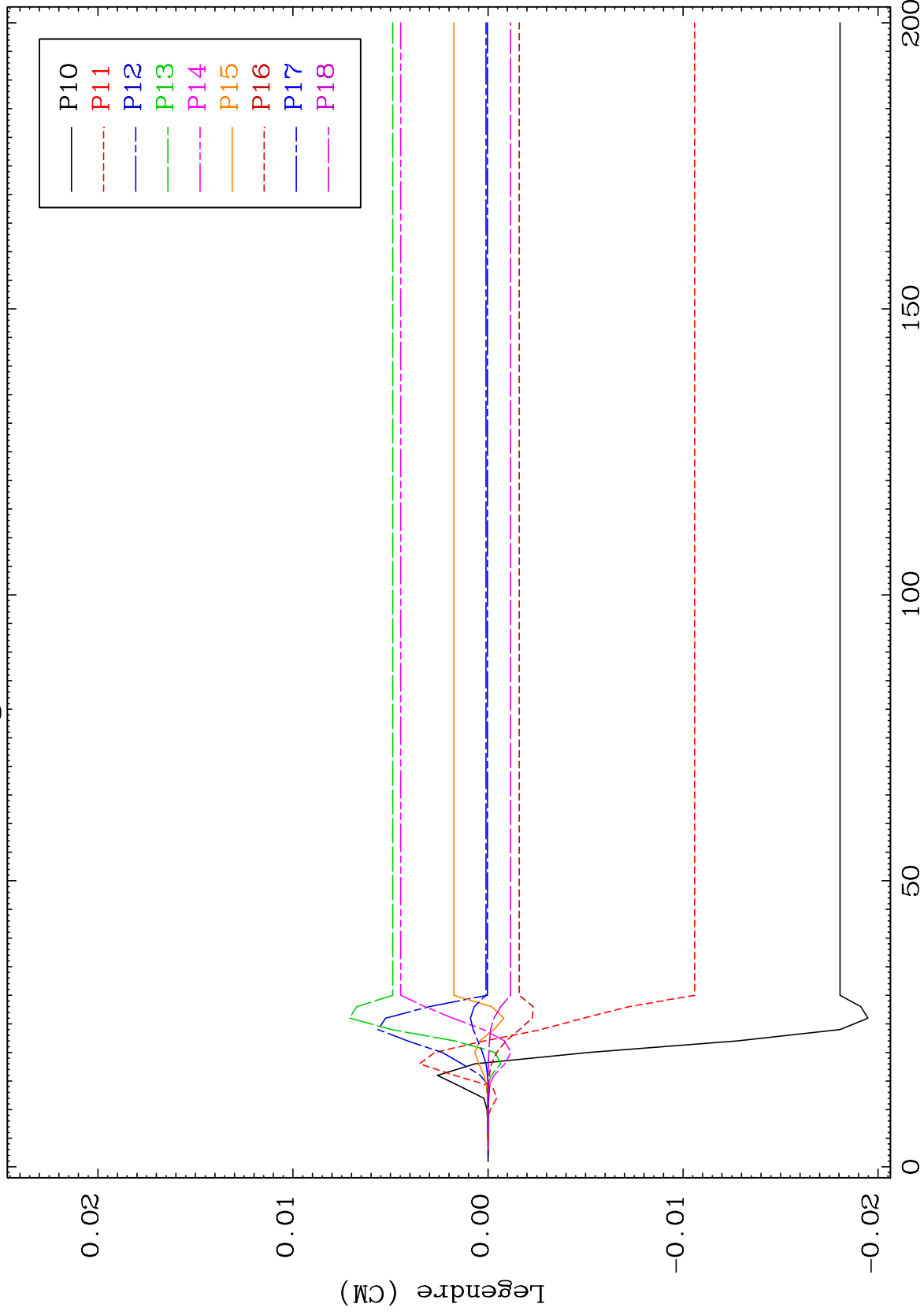
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



89

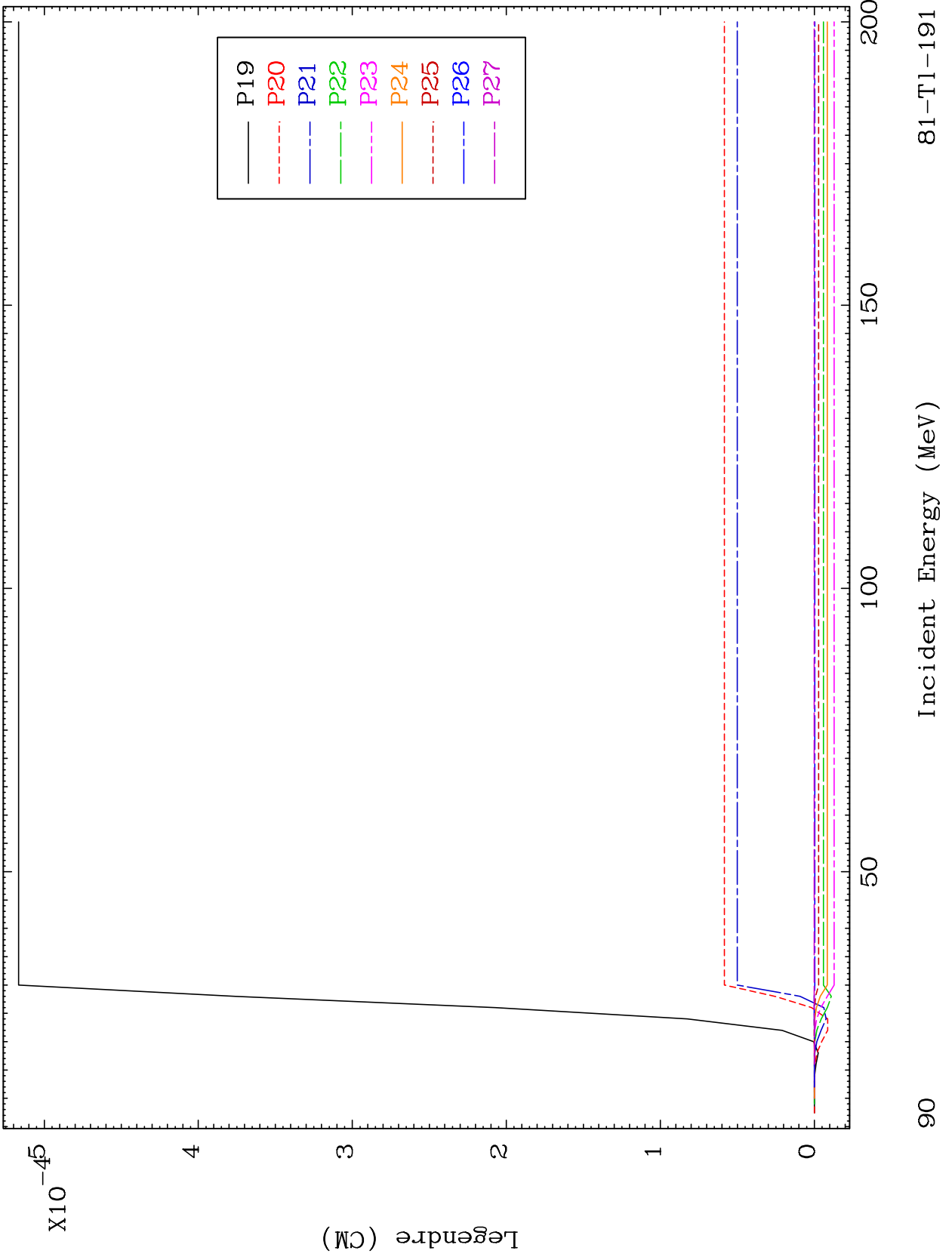
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



90

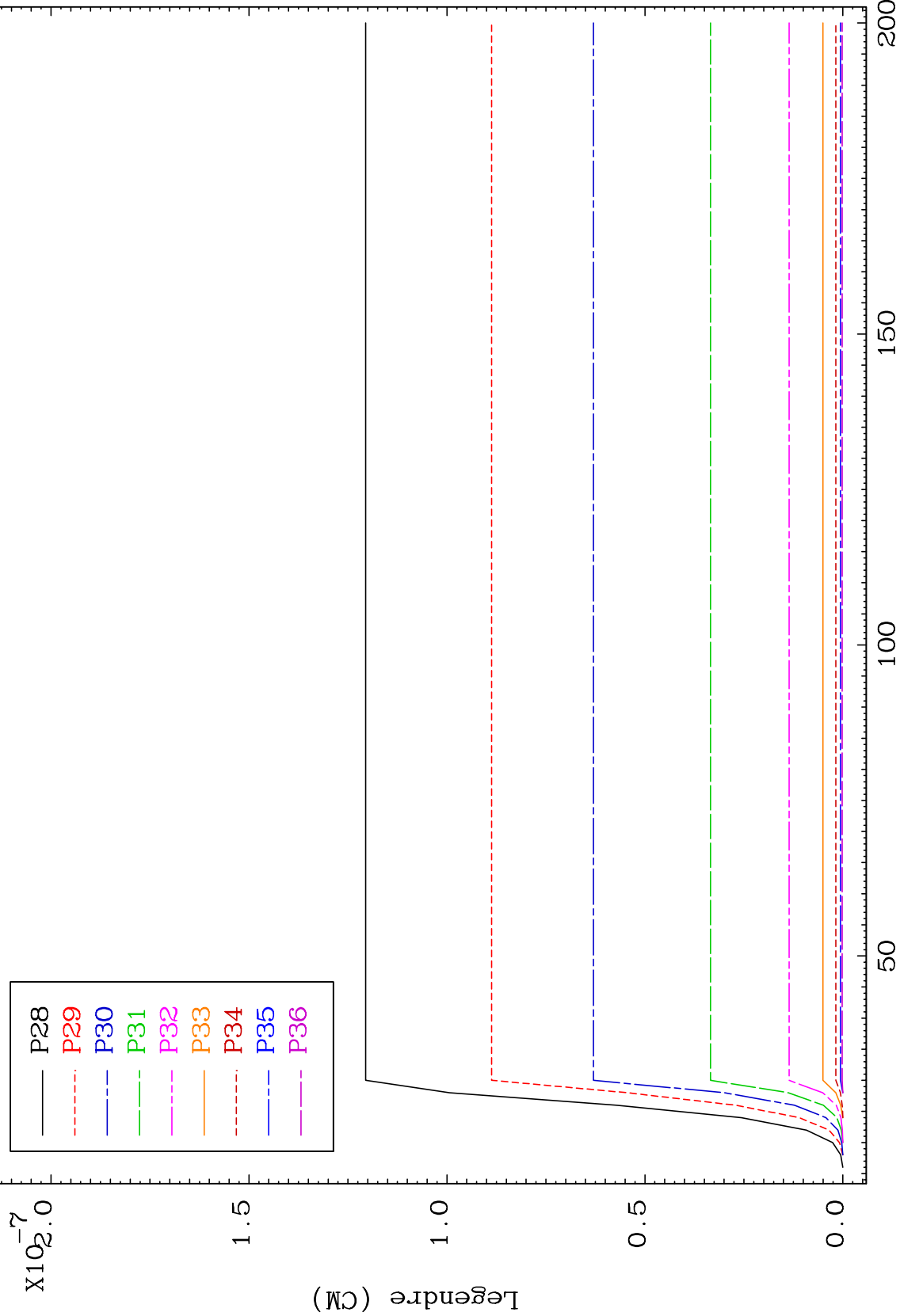
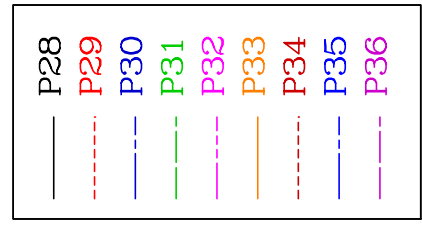
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



91

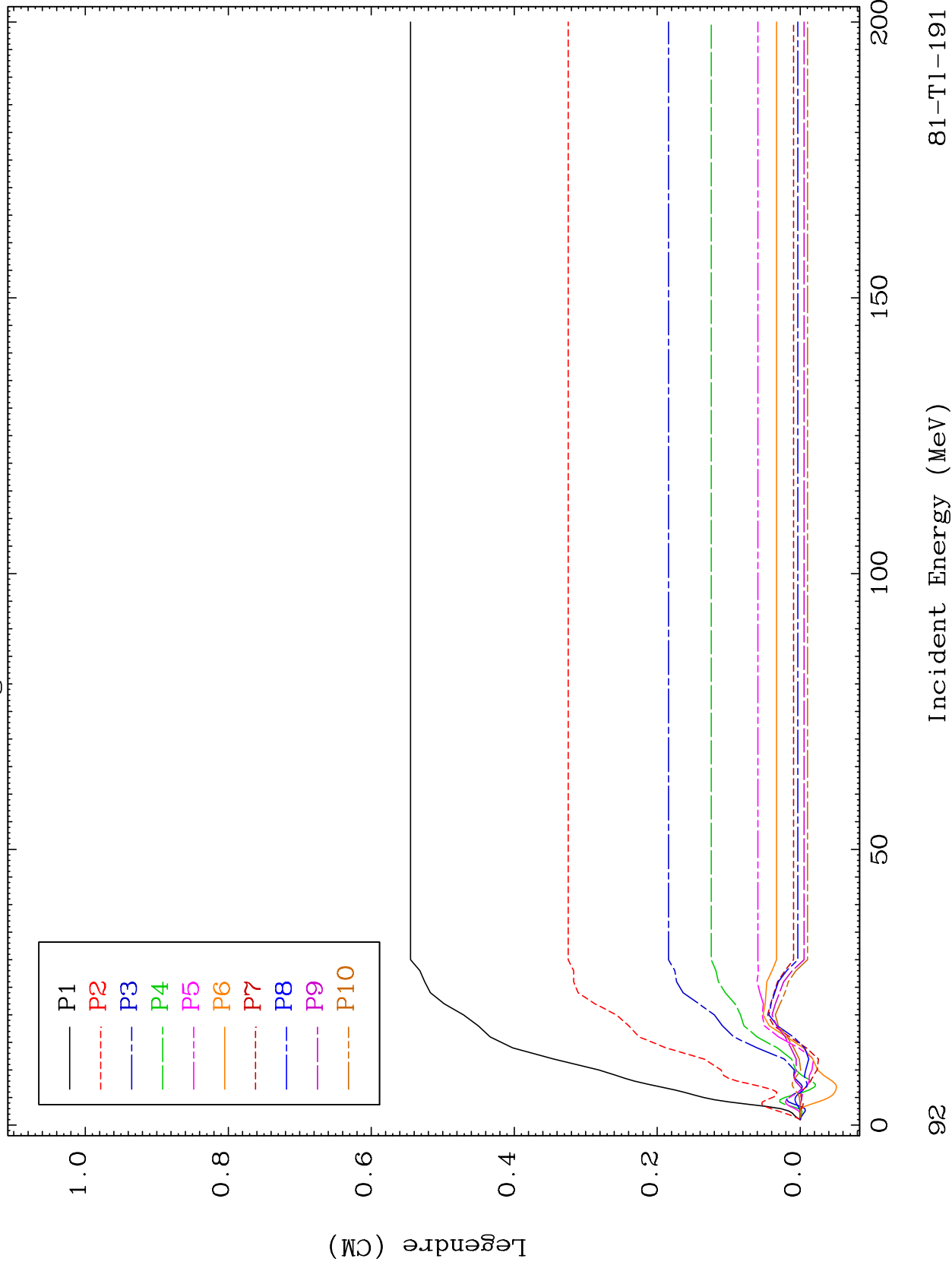
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

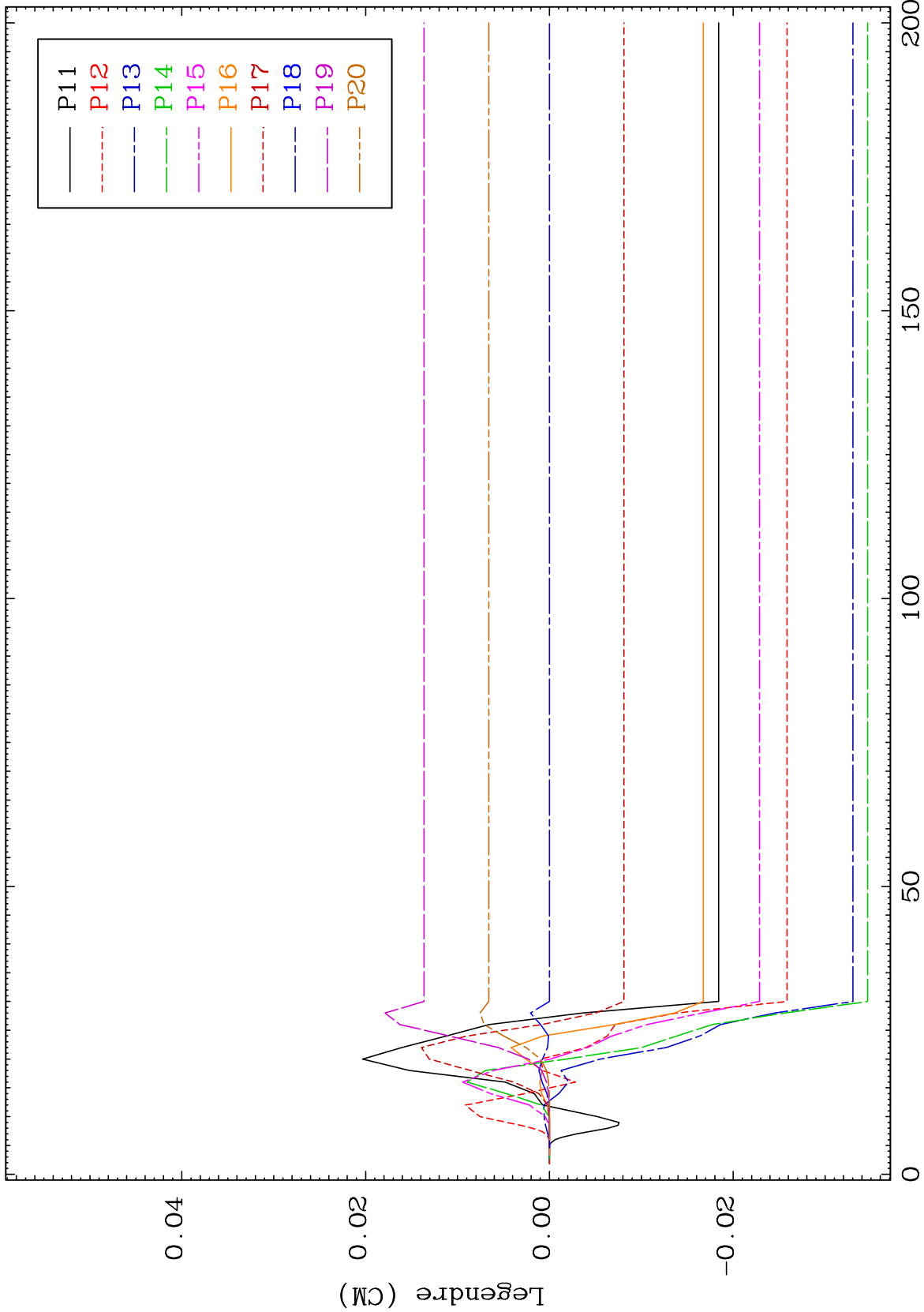
81-Tl-191



MAT 8089

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

81-Tl-191



93

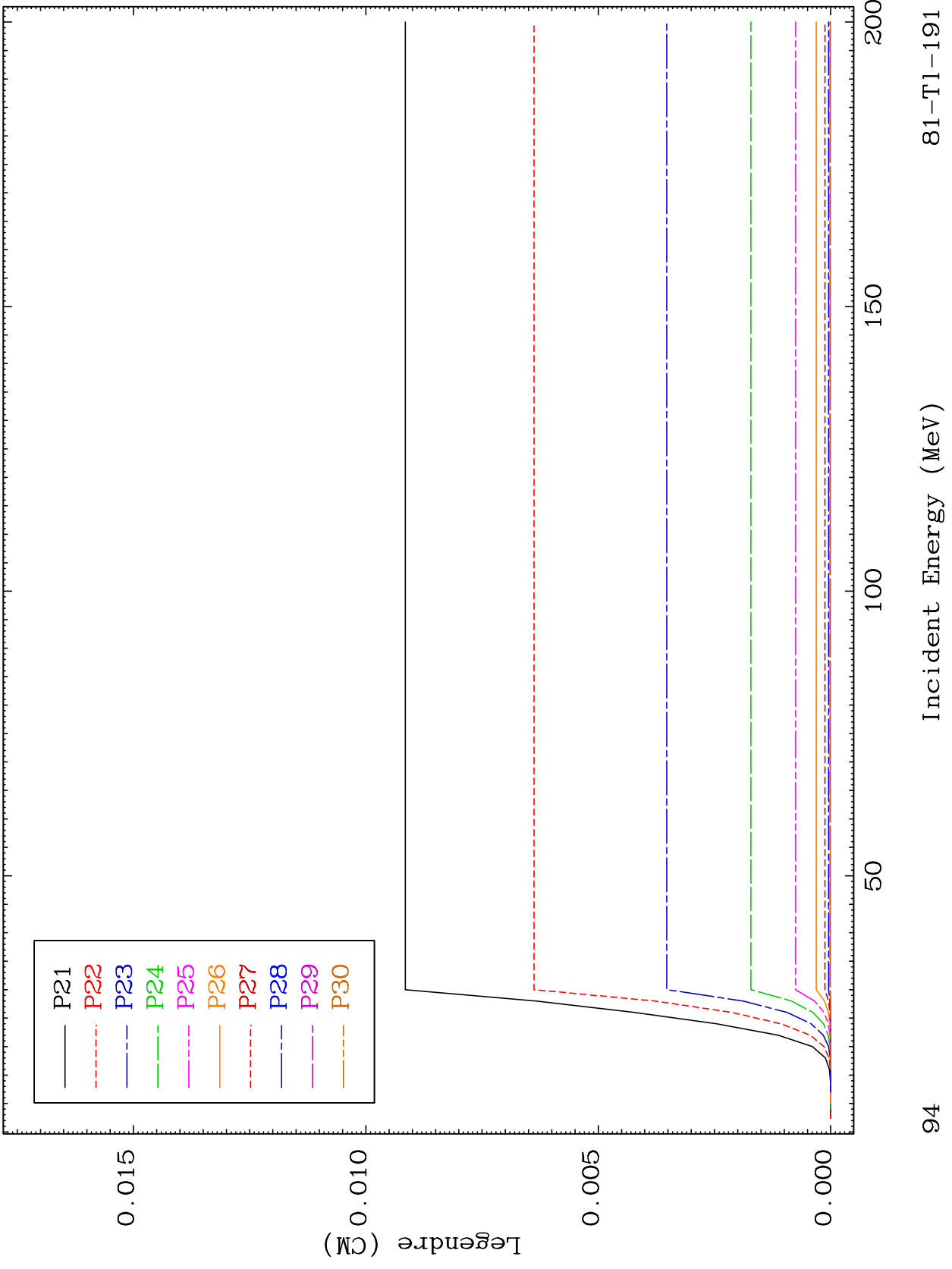
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



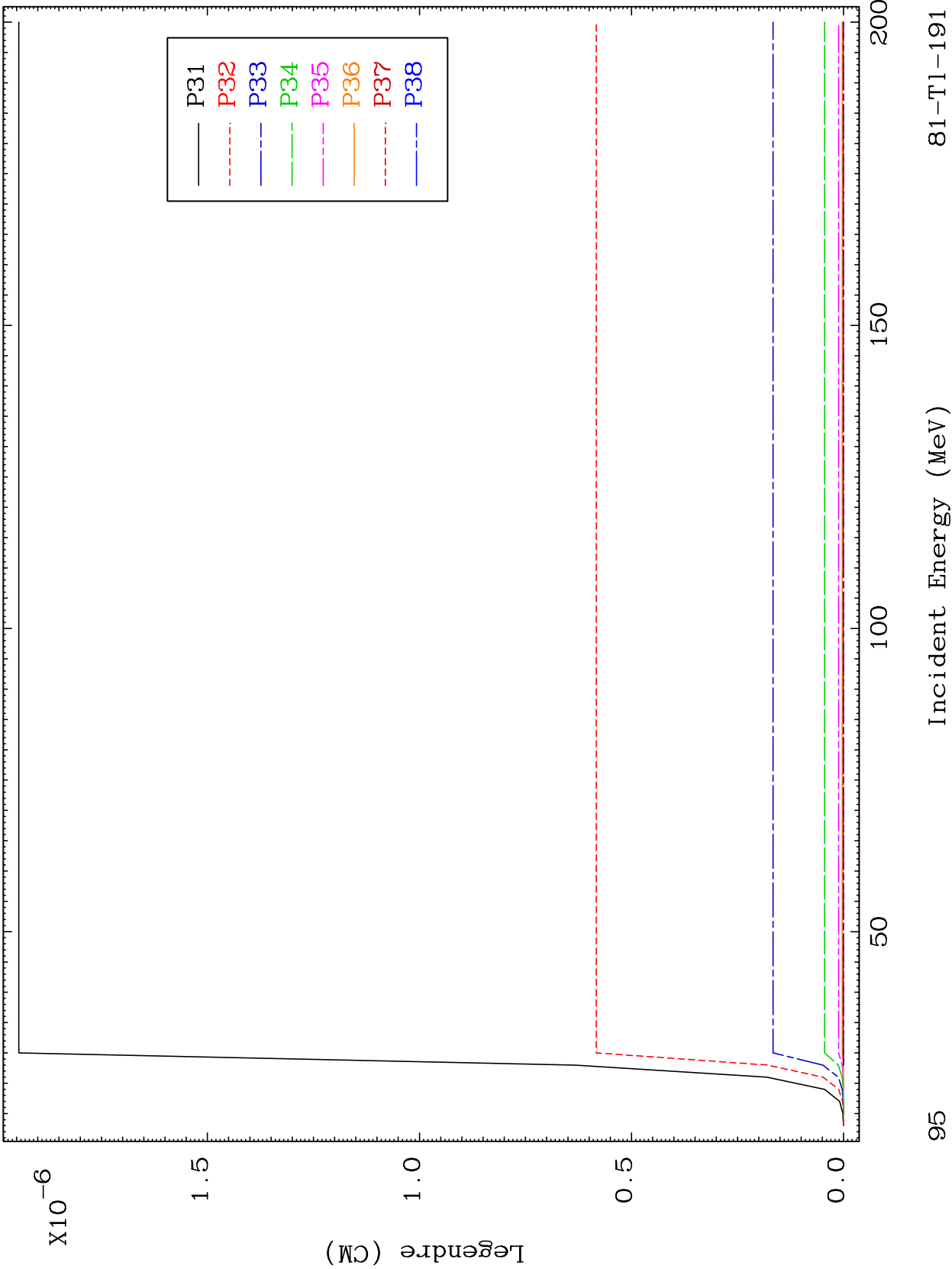
94

81-Tl-191

MAT 8089

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

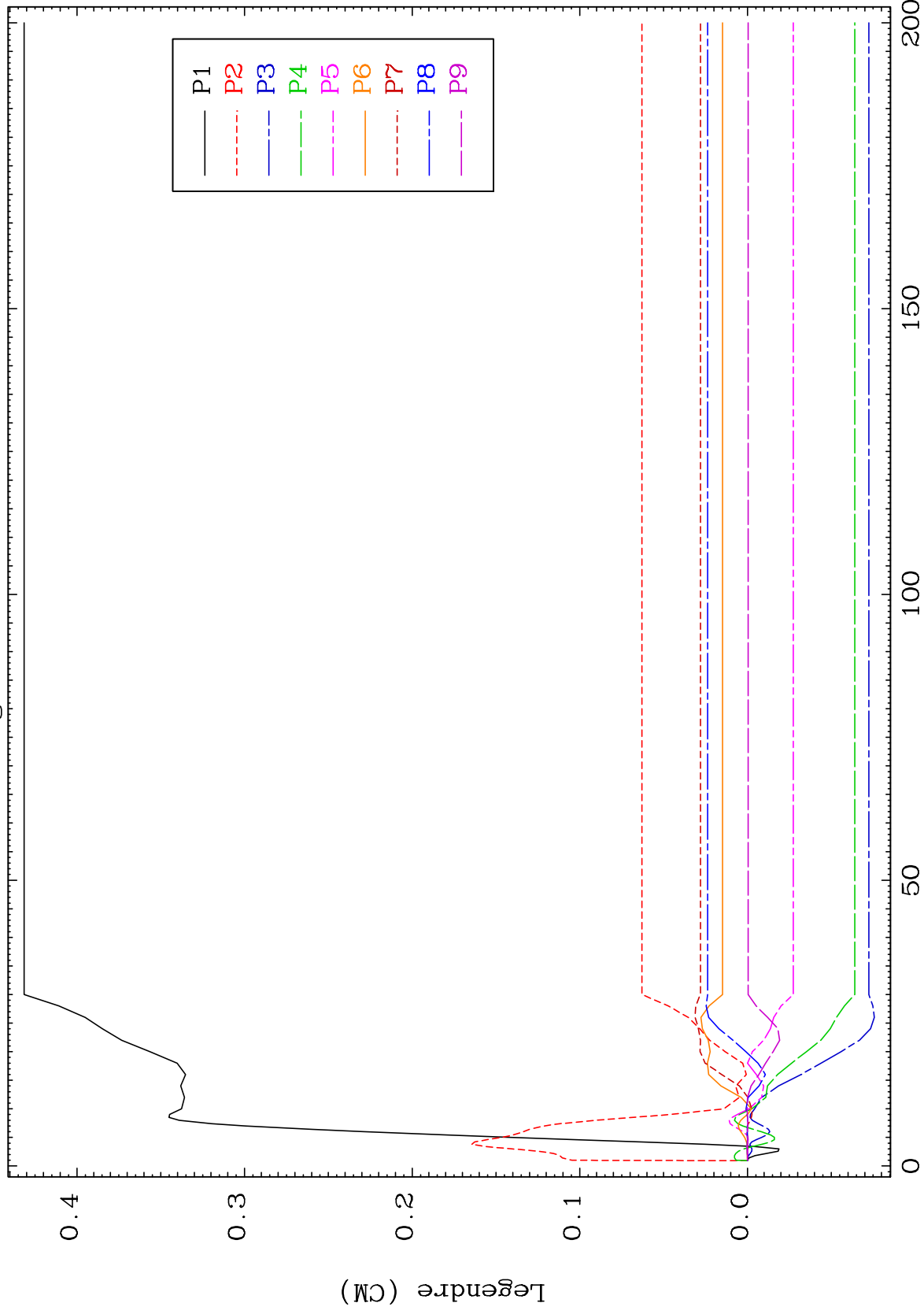
81-Tl-191



MAT 8089

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

81-Tl-191



96

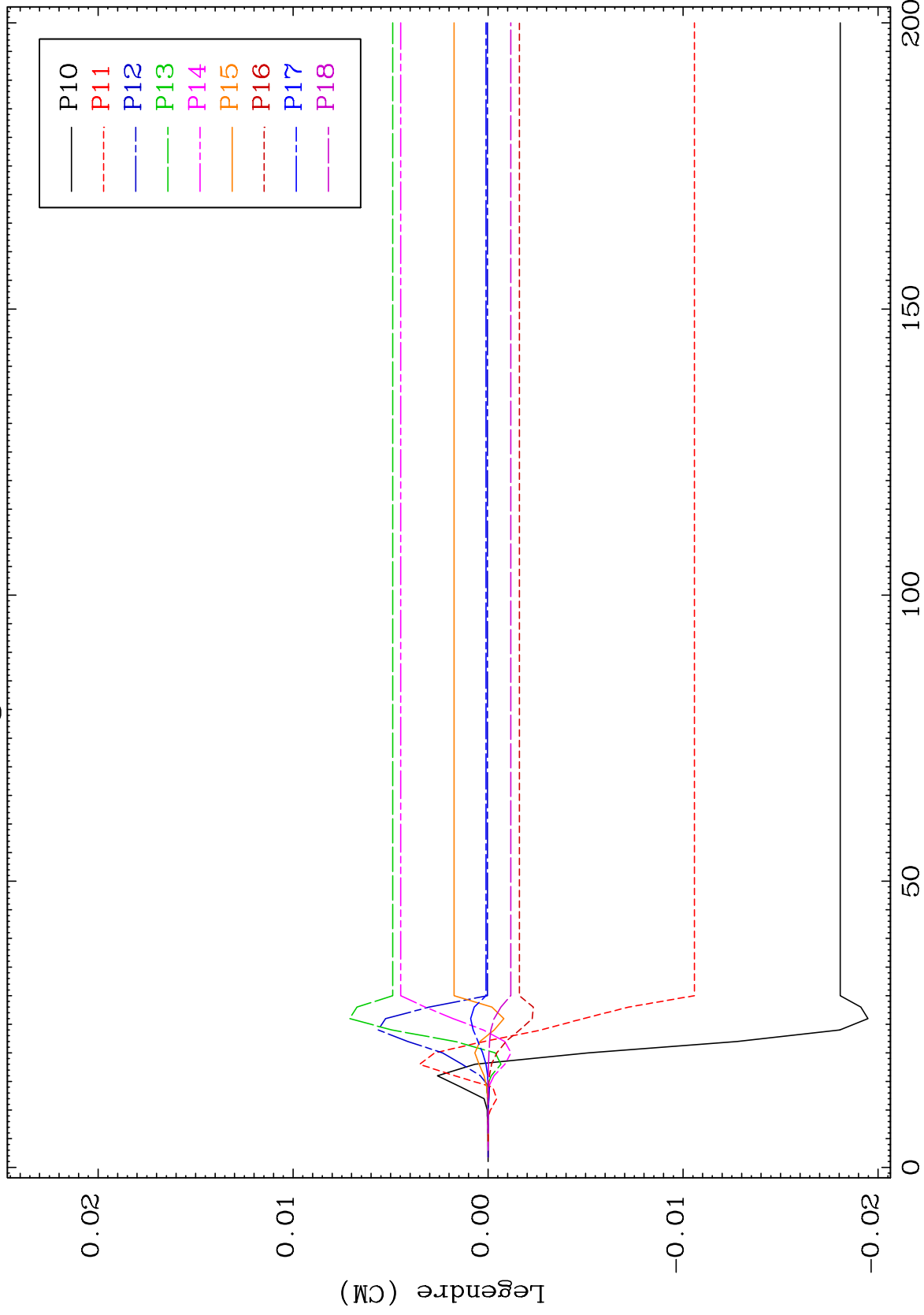
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



97

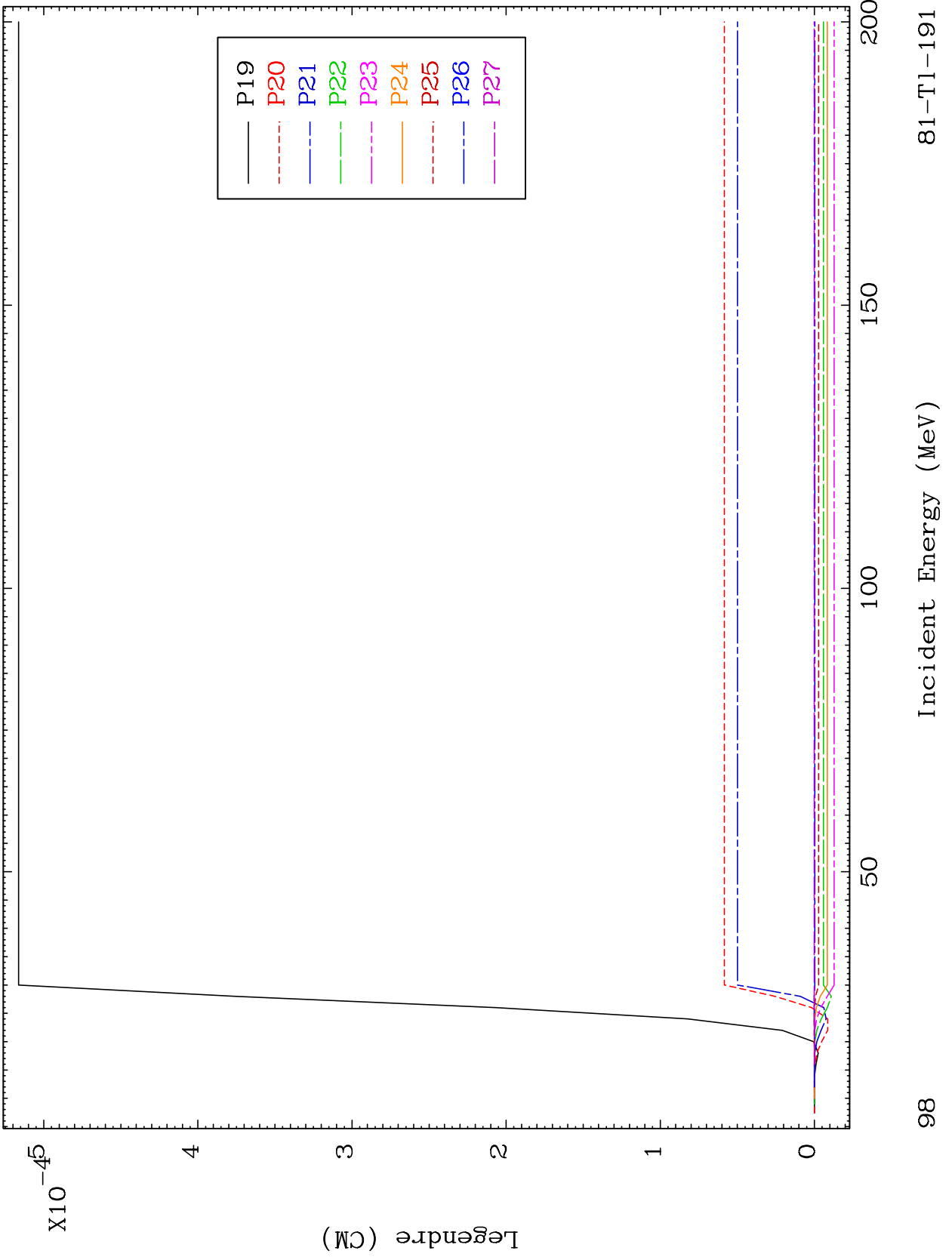
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

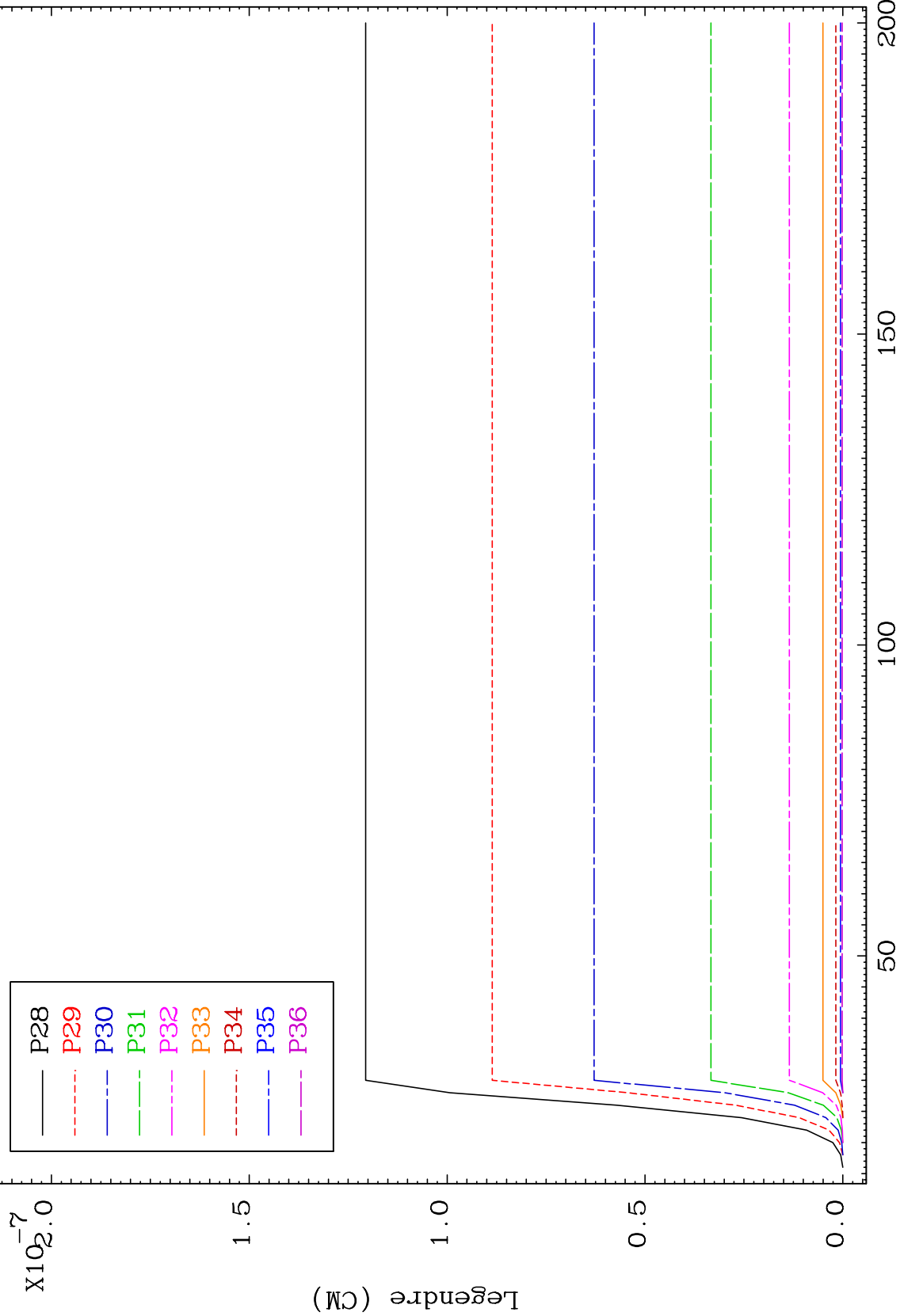
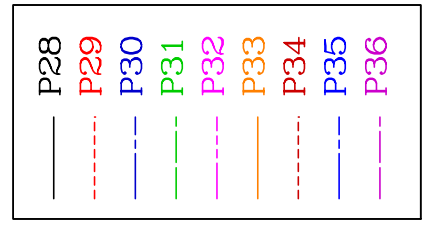
81-Tl-191



MAT 8089

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

81-Tl-191



99

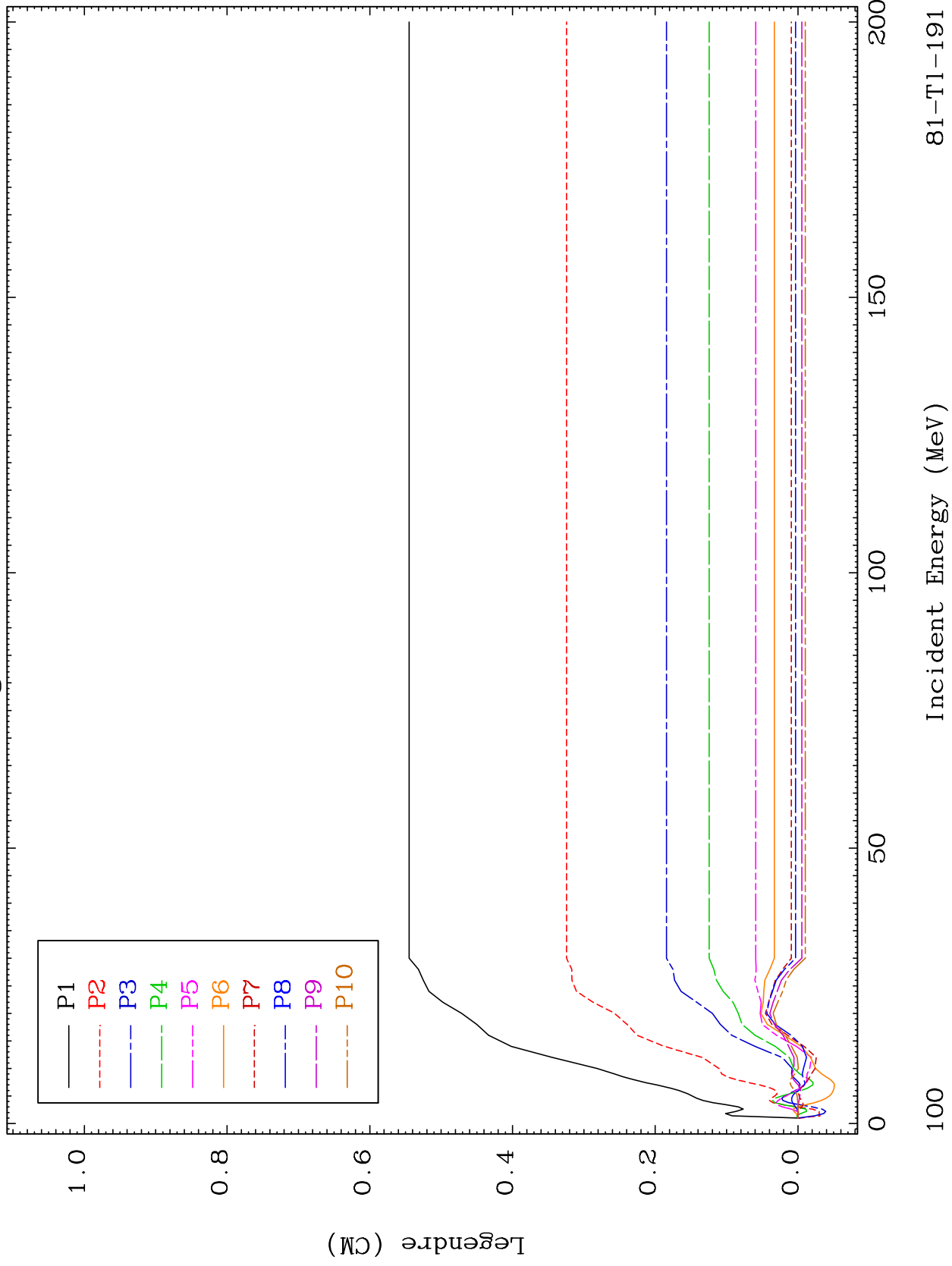
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



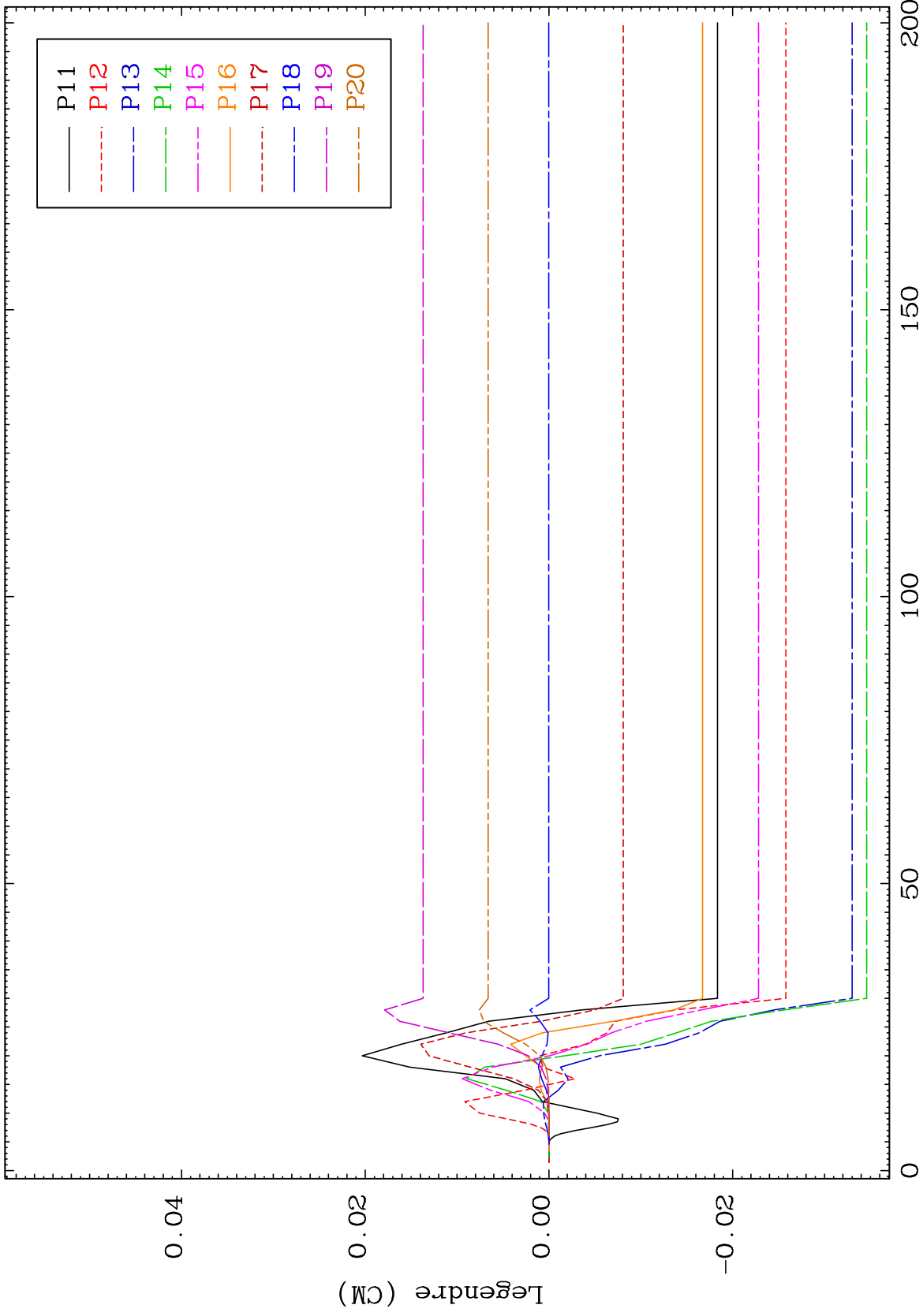
81-Tl-191

Incident Energy (MeV)

MAT 8089

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

81-T1-191



101

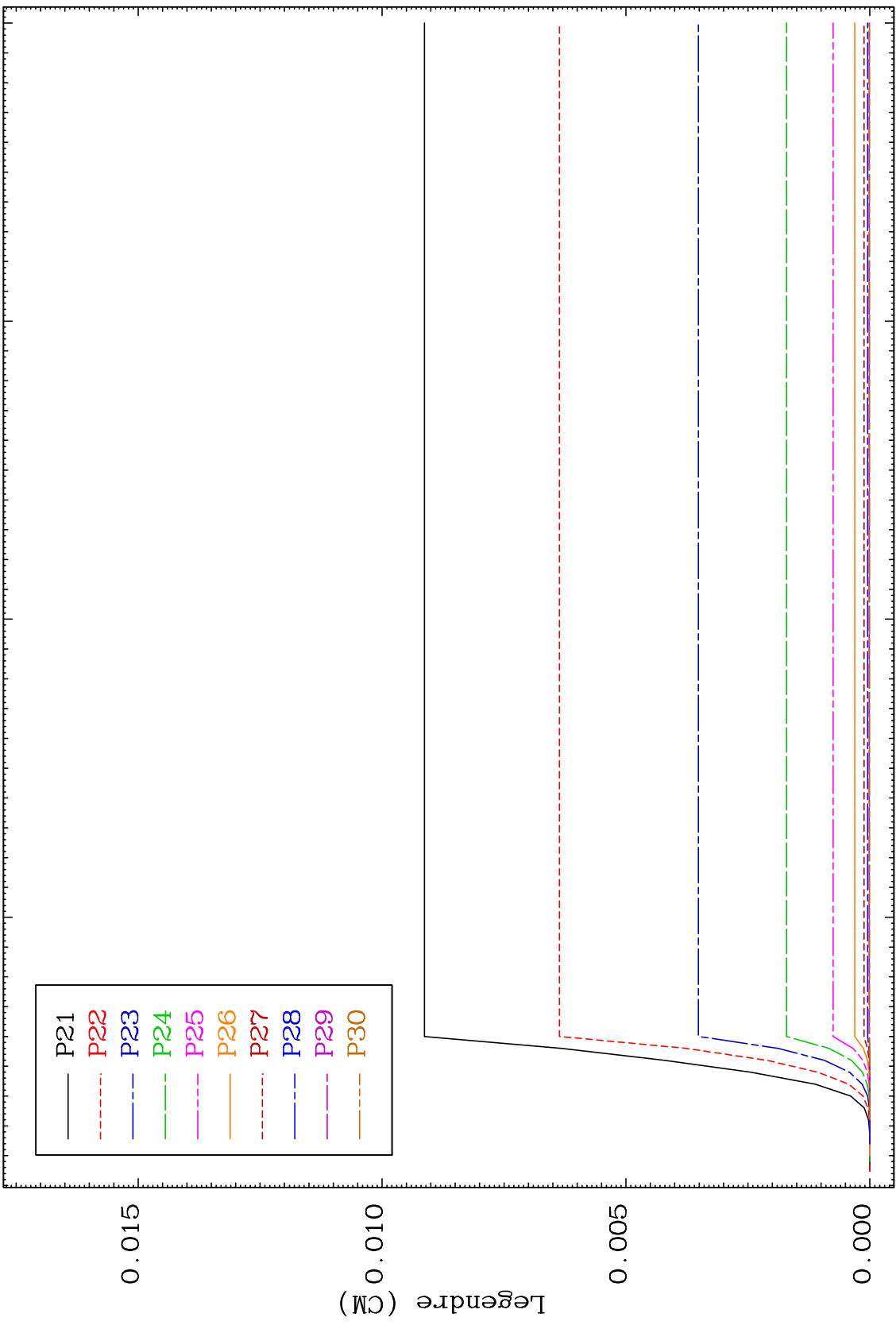
Incident Energy (MeV)

81-T1-191

MAT 8089

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

81-Tl-191



200

150

100

50

Incident Energy (MeV)

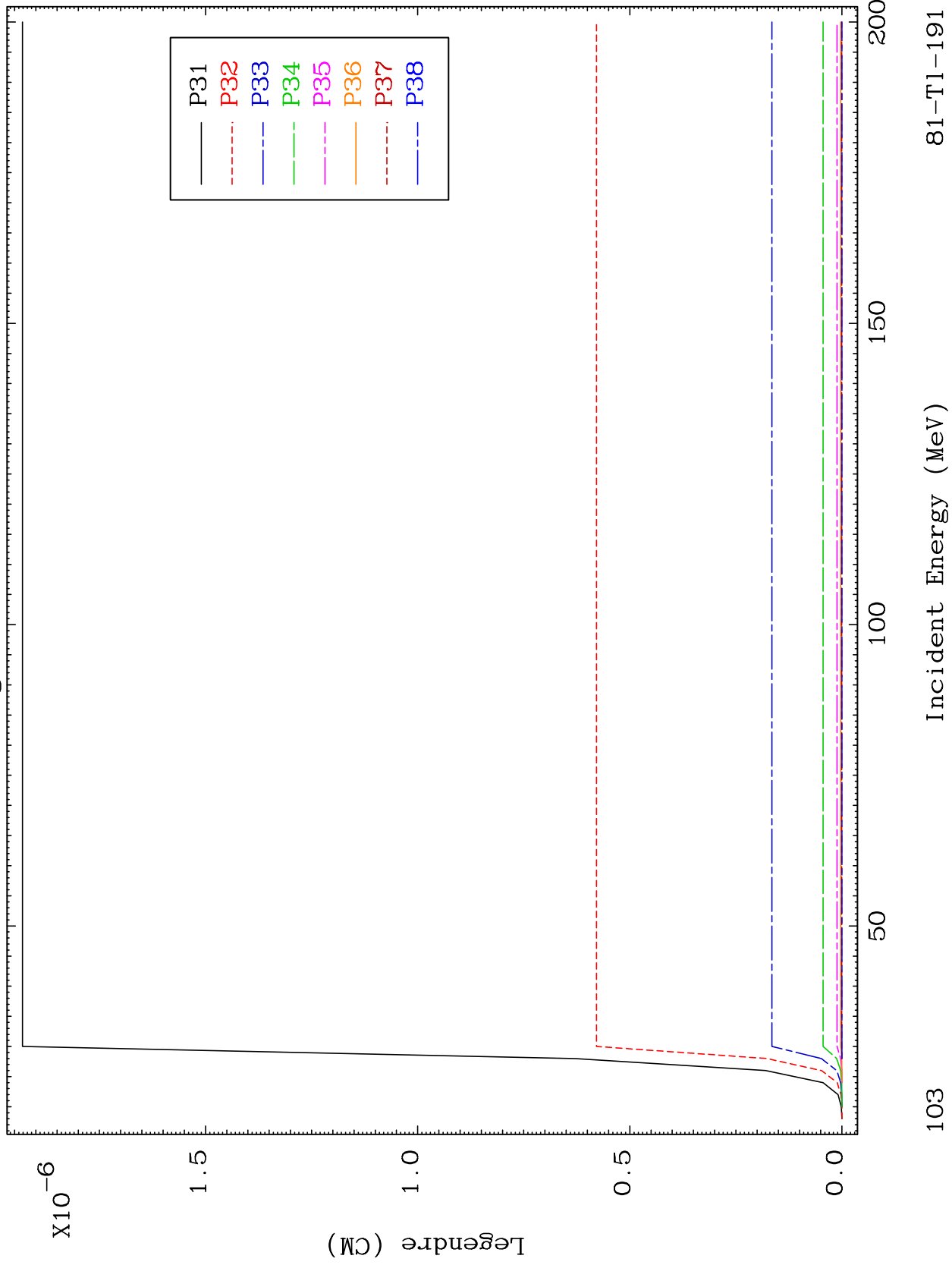
81-Tl-191

102

MAT 8089

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

81-Tl-191



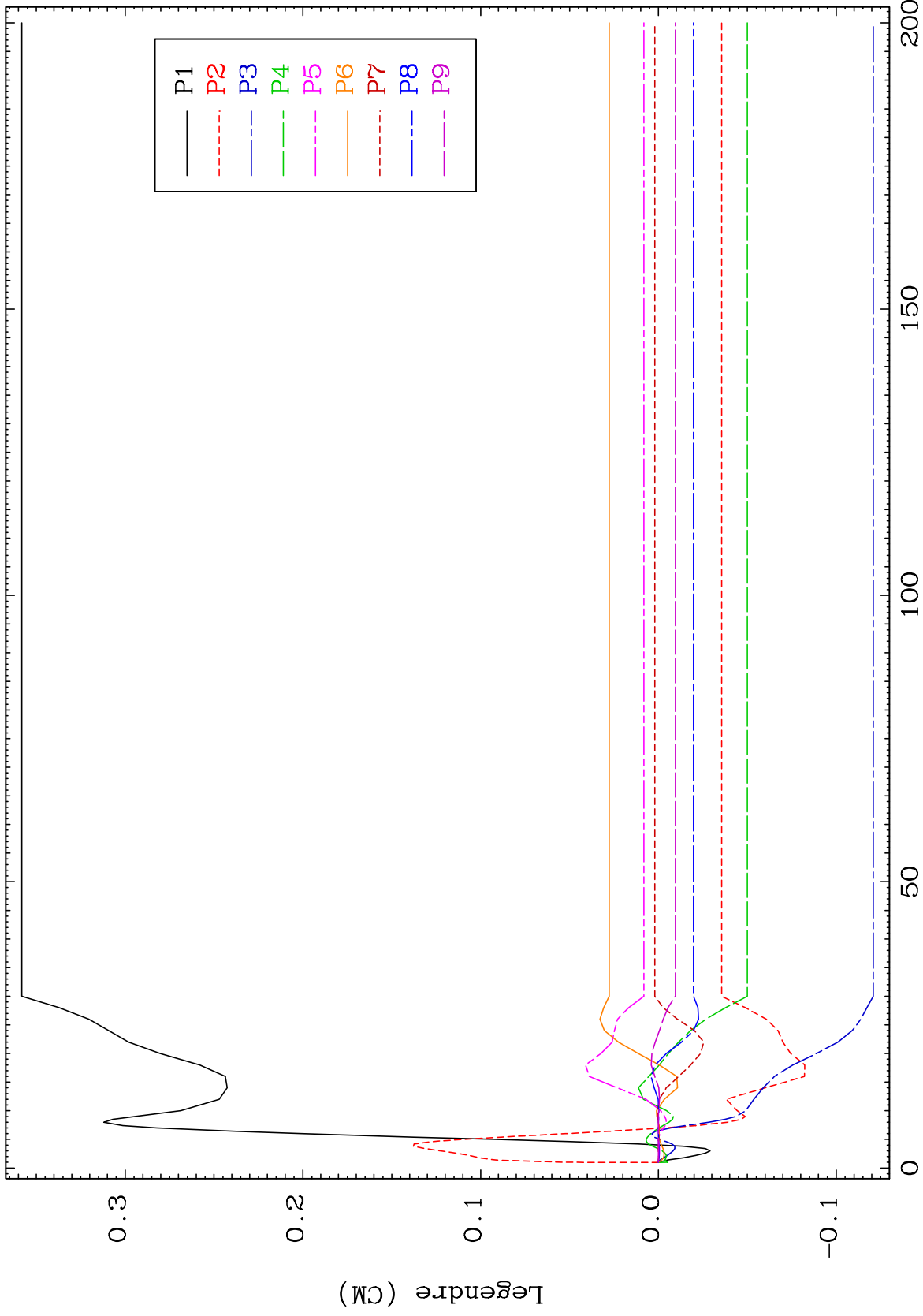
103

81-Tl-191

MAT 8089

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

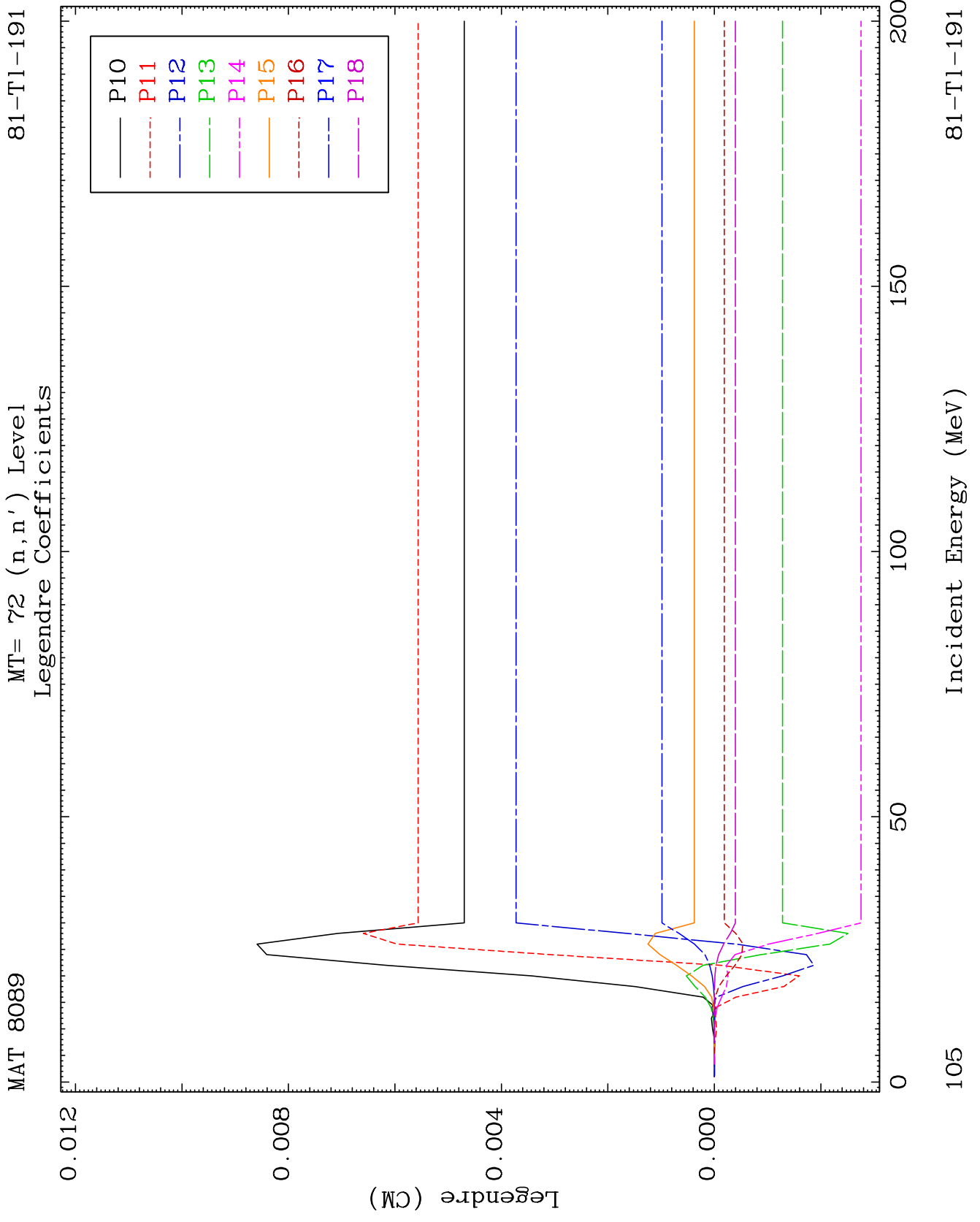
81-Tl-191

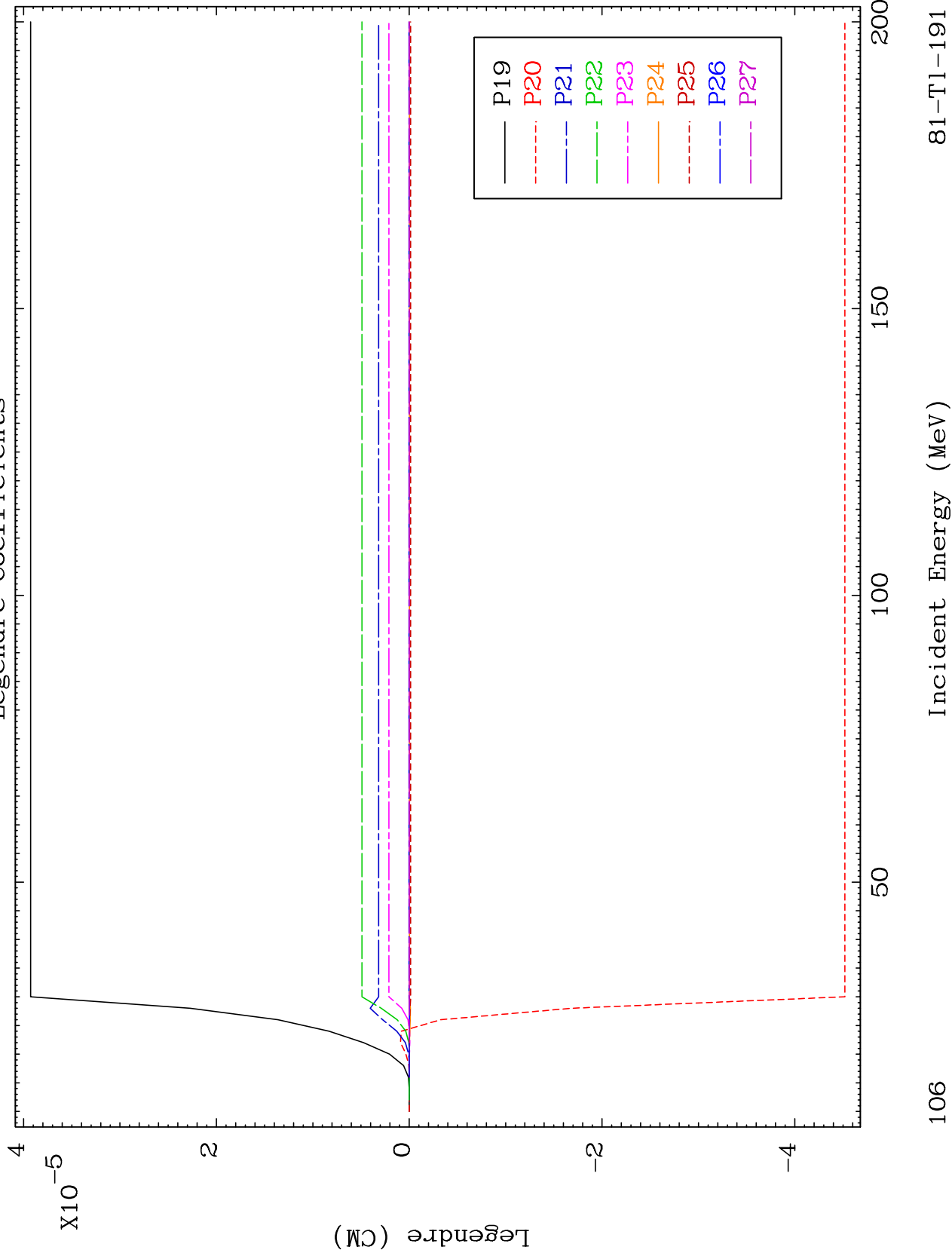


104

Incident Energy (MeV)

81-Tl-191

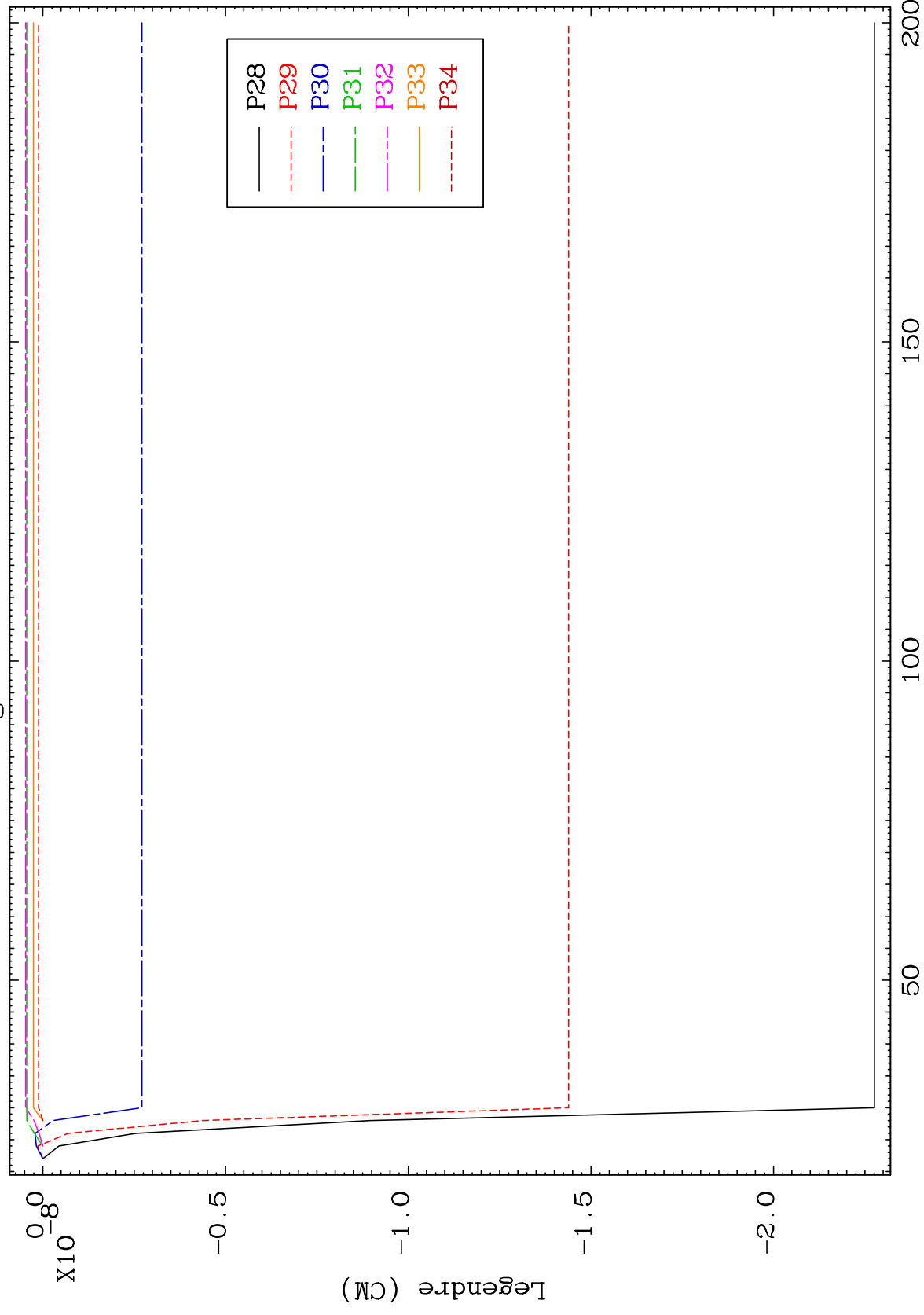




MAT 8089

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

81-Tl-191



107

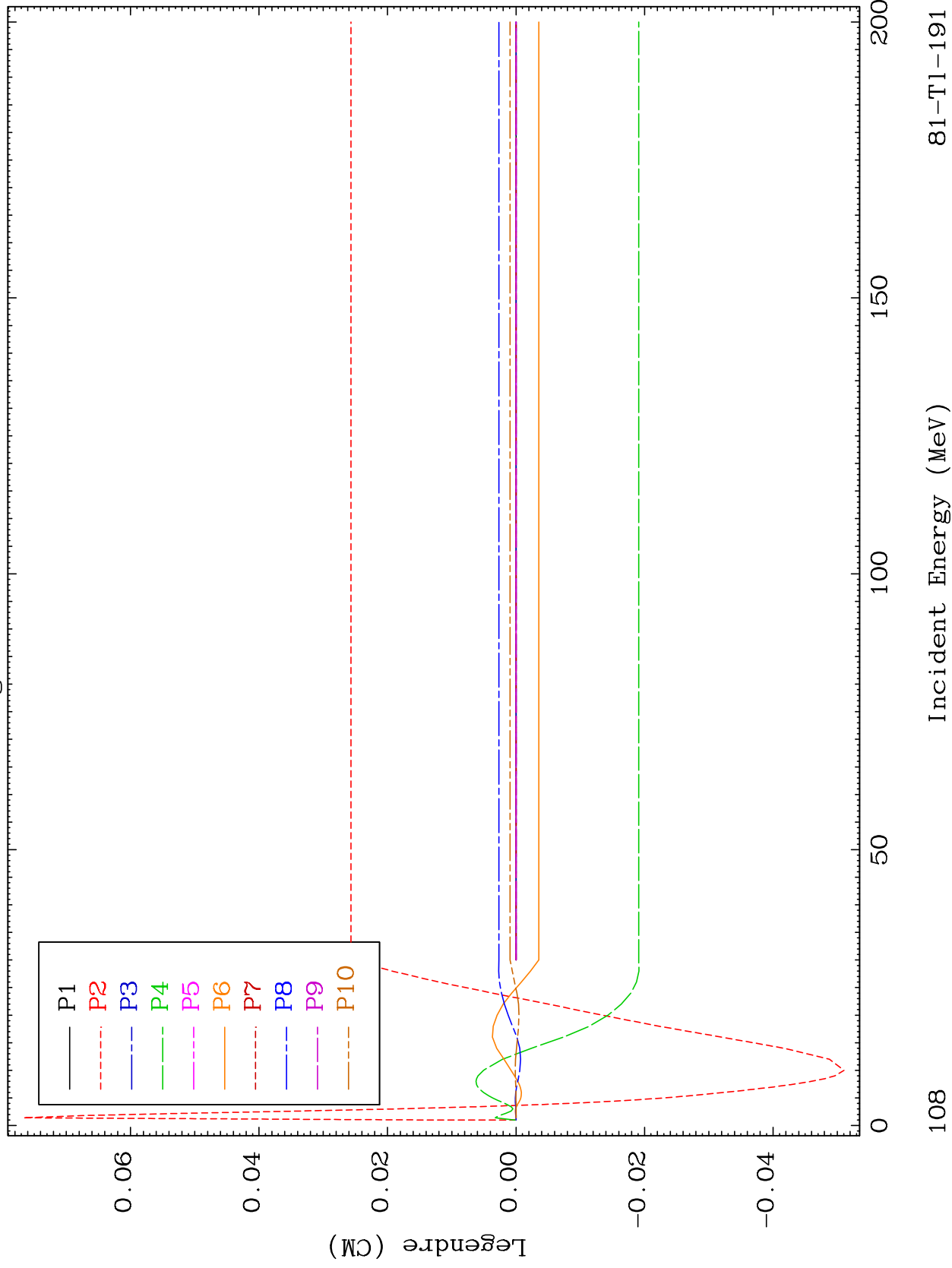
Incident Energy (MeV)

81-Tl-191

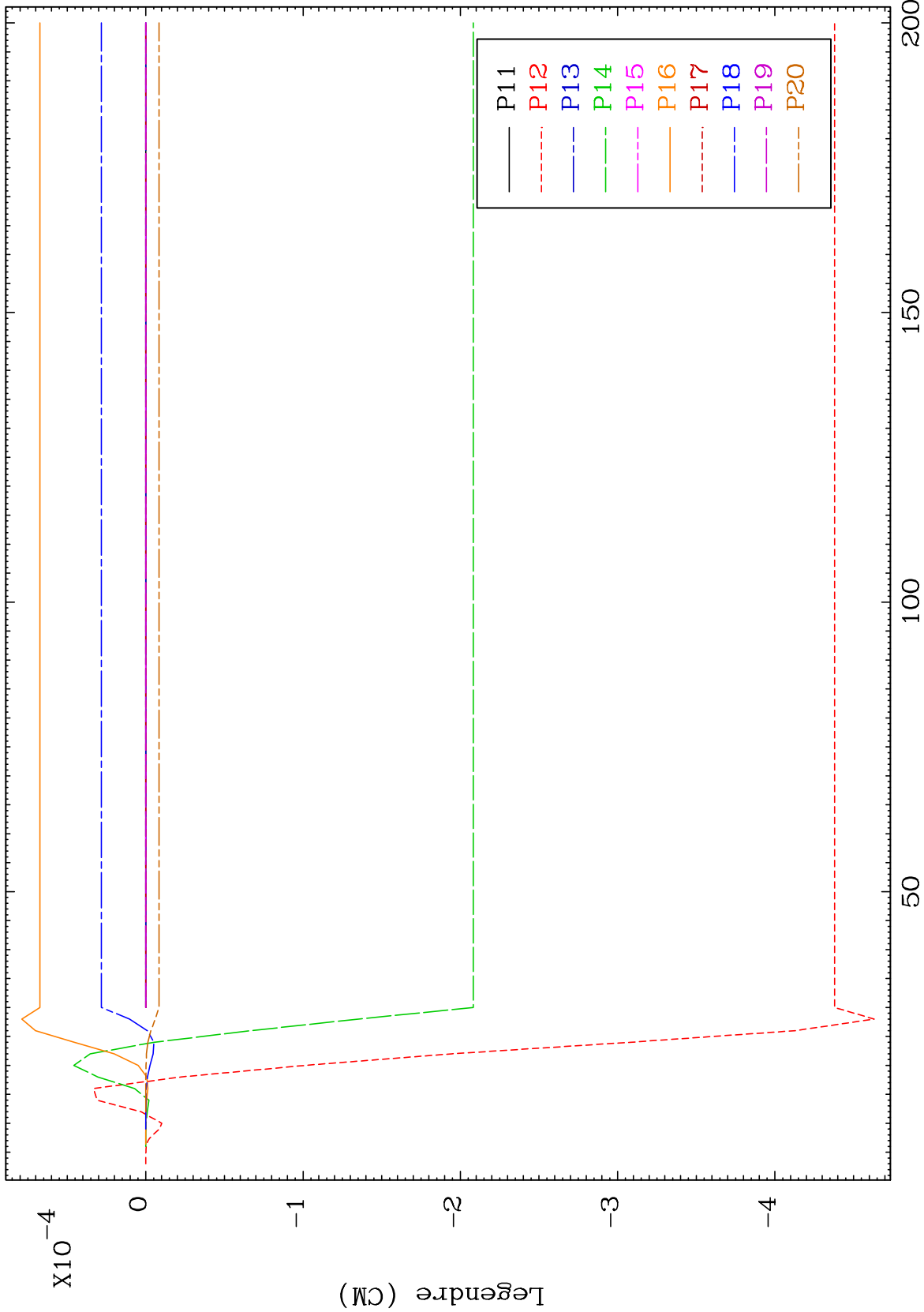
MAT 8089

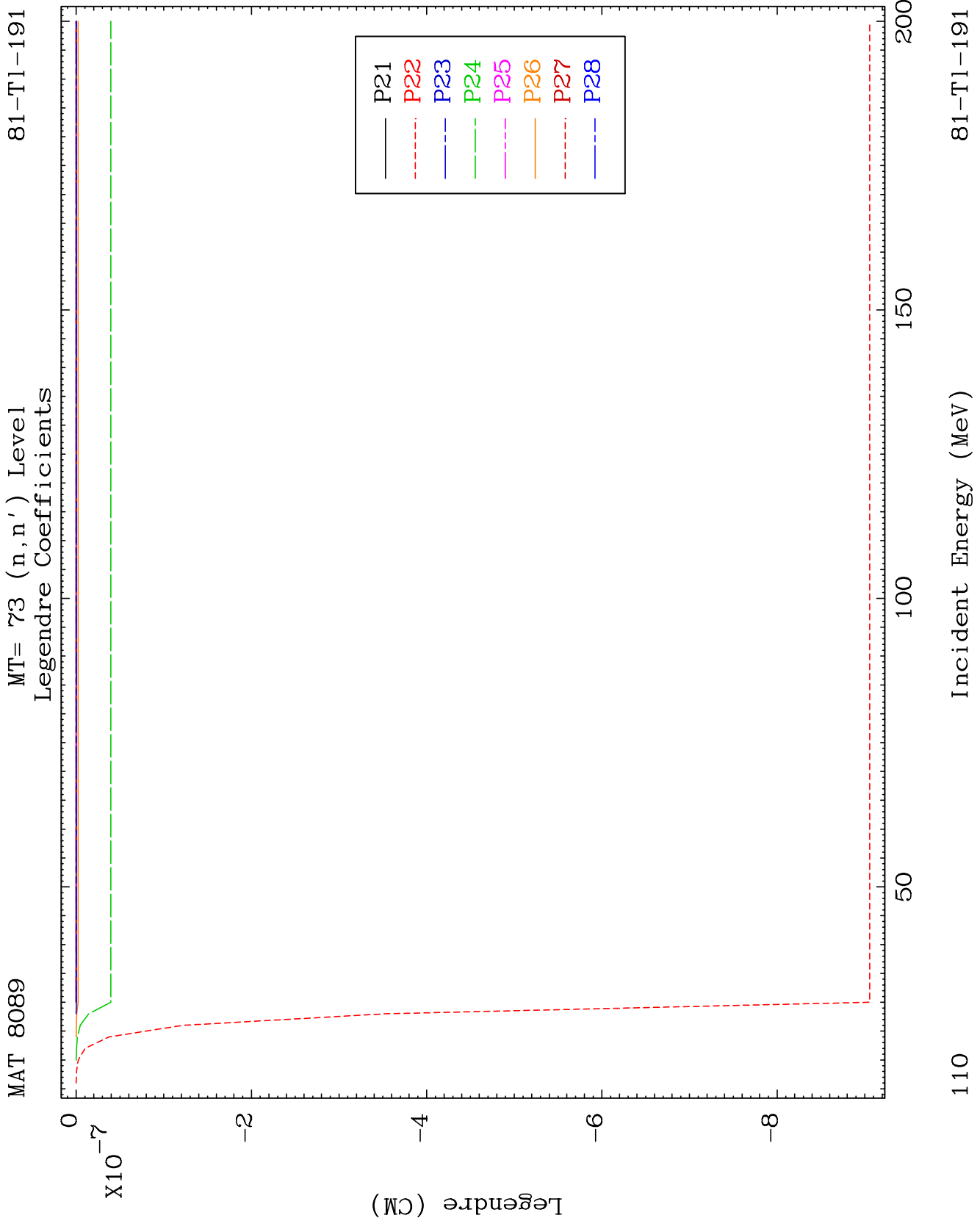
MT= 73 (n,n') Level
Legendre Coefficients

81-Tl-191



108

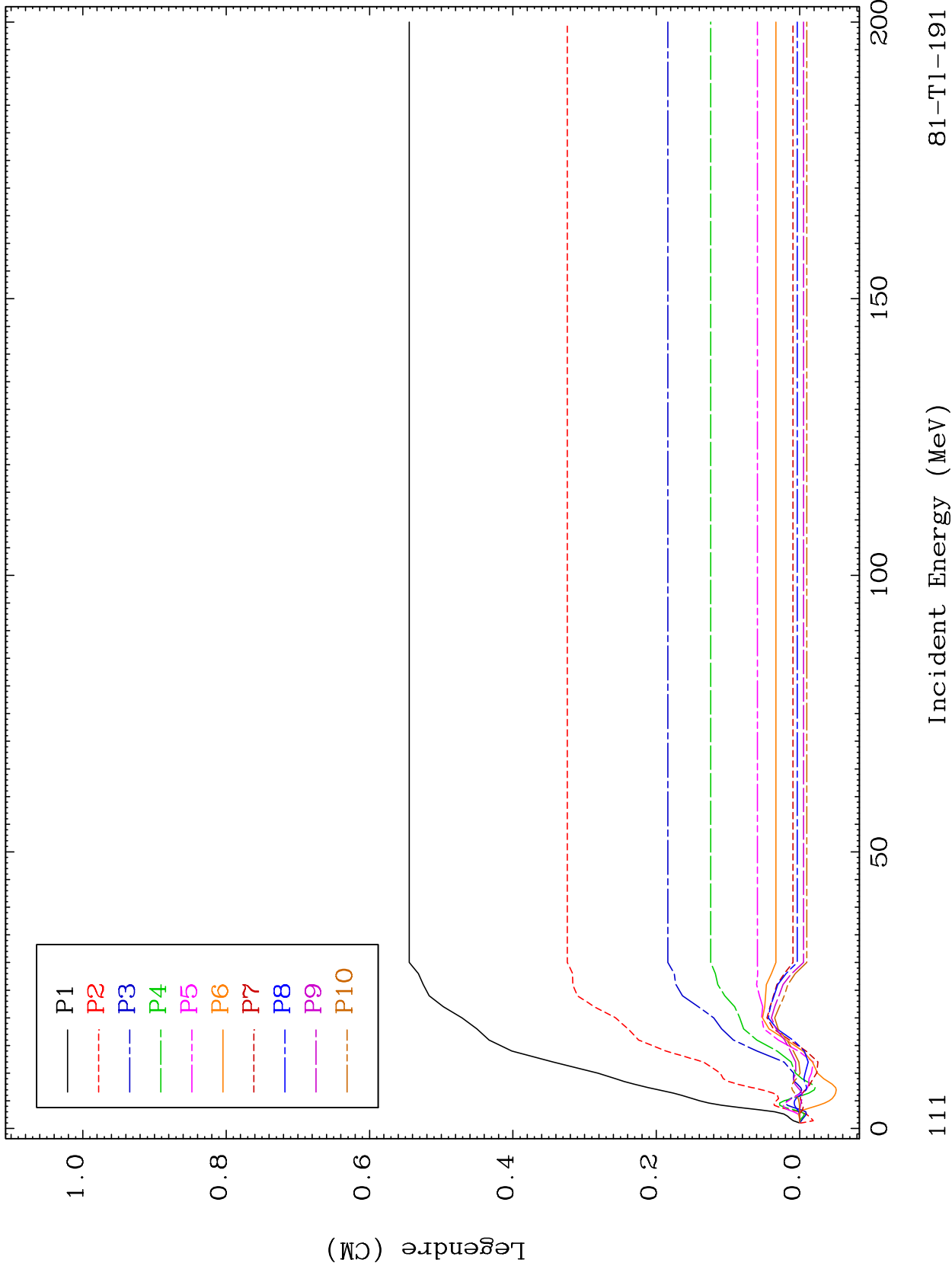




MAT 8089

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

81-Tl-191



111

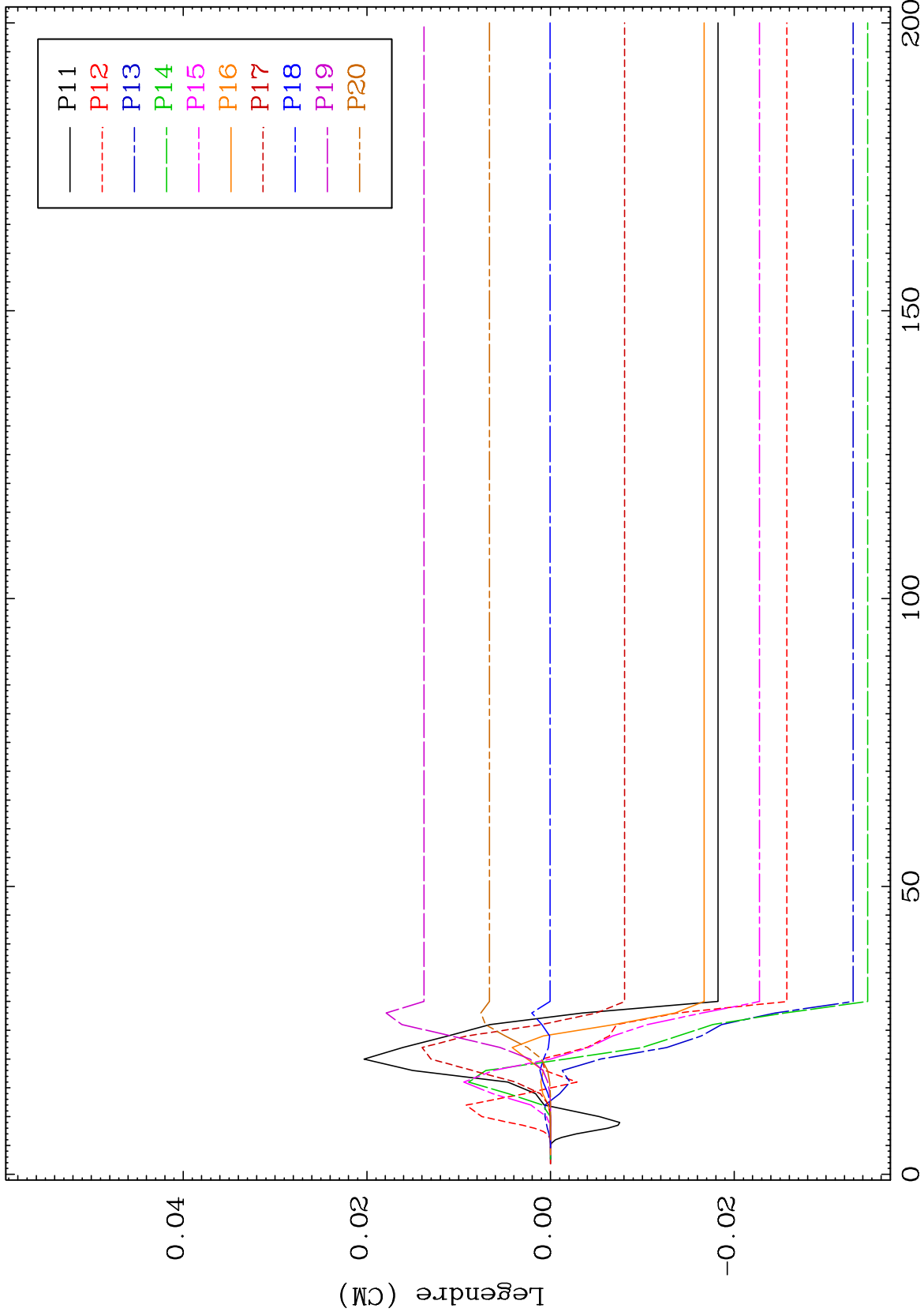
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

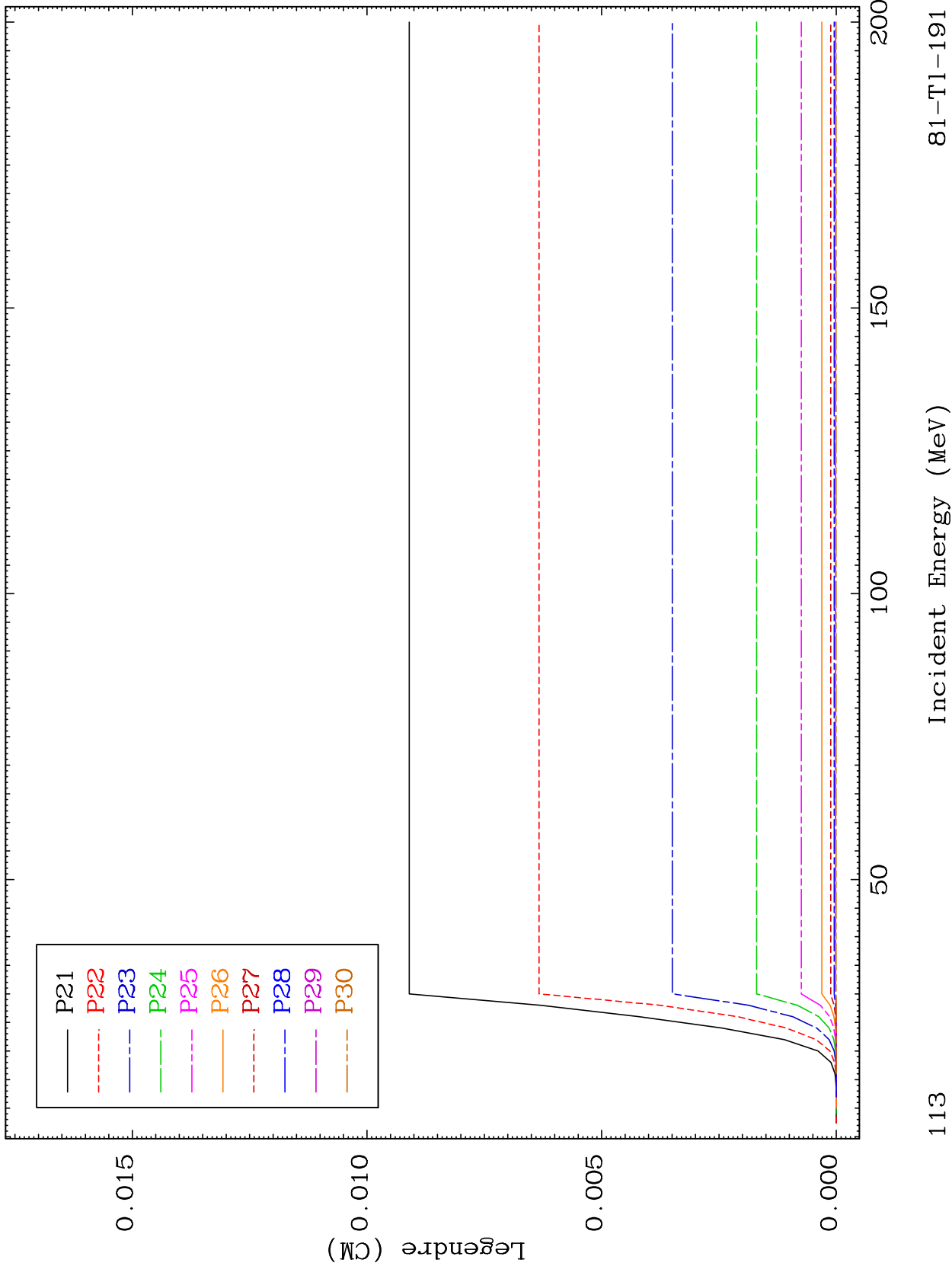
81-Tl-191



112

Incident Energy (MeV)

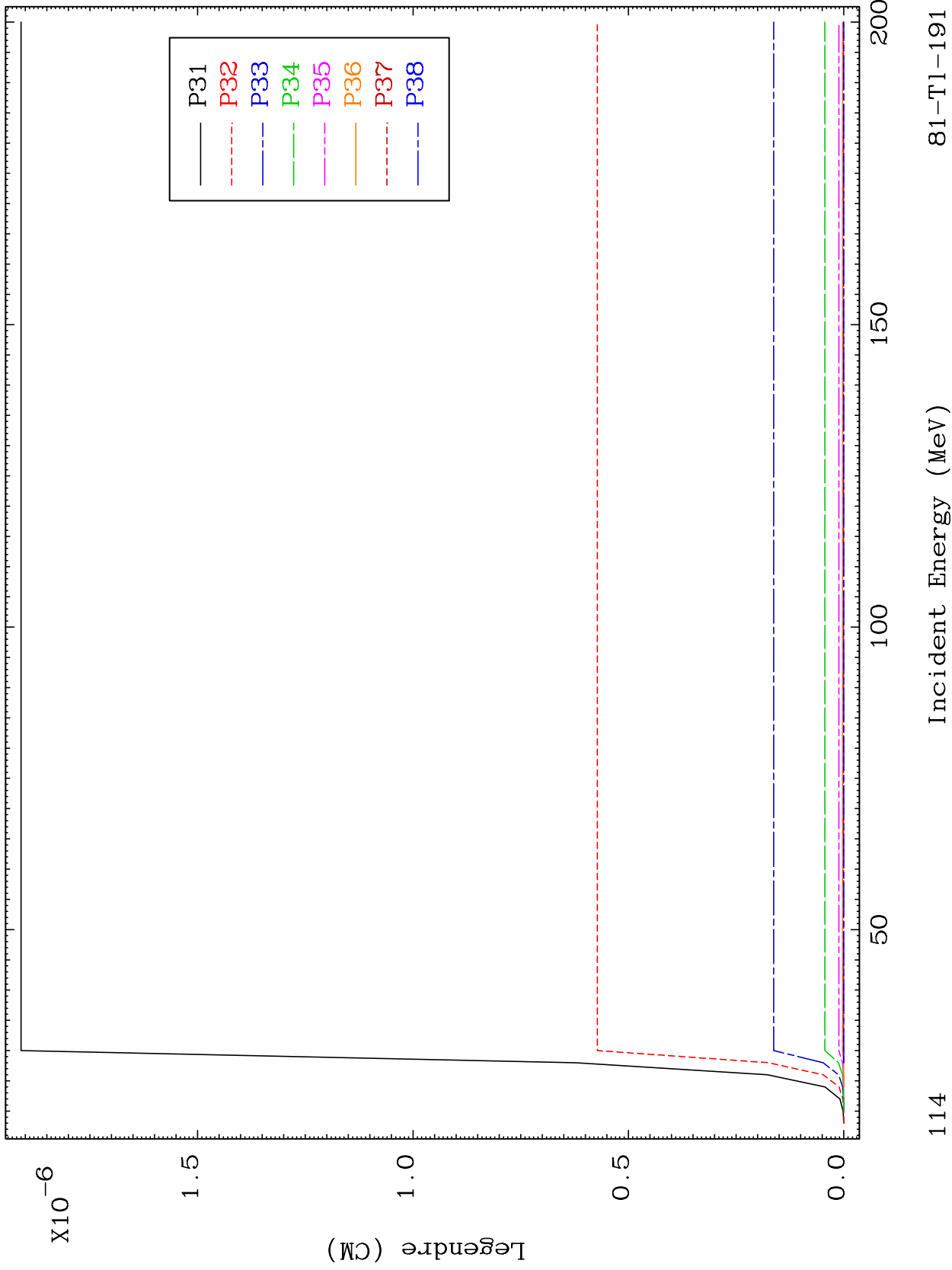
81-Tl-191



MAT 8089

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

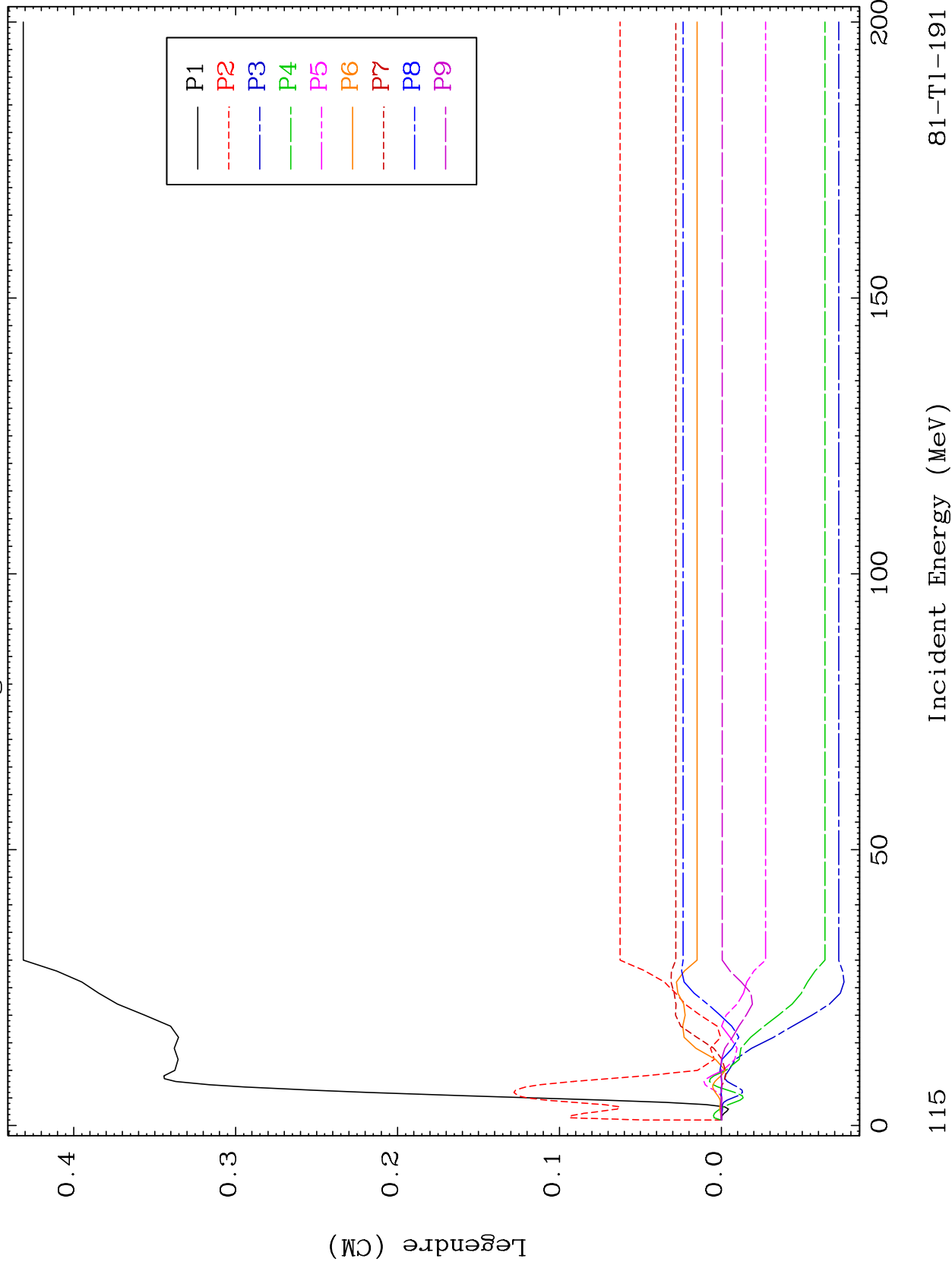
81-Tl-191



MAT 8089

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

81-Tl-191



81-Tl-191

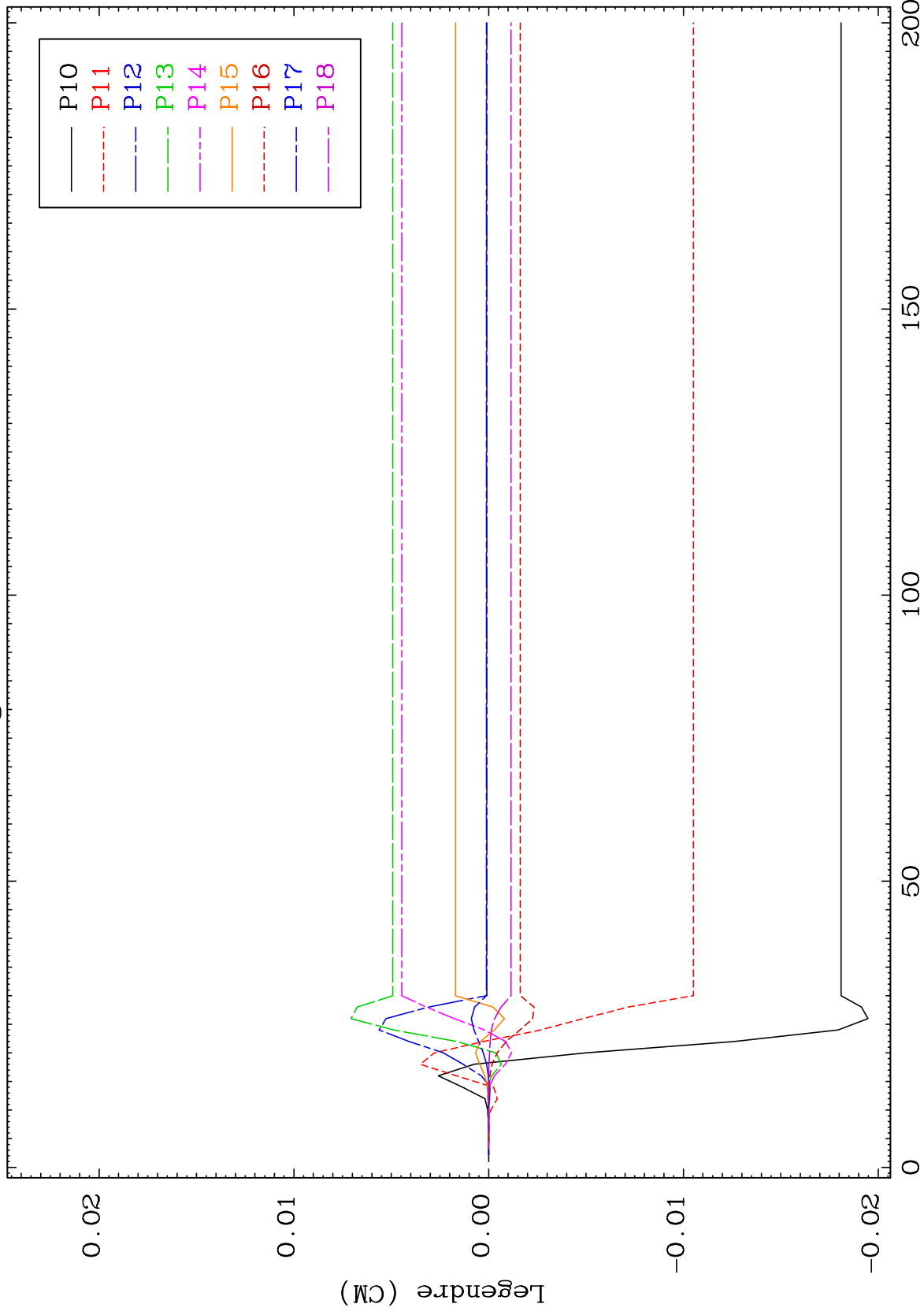
Incident Energy (MeV)

115

MAT 8089

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

81-Tl-191



116

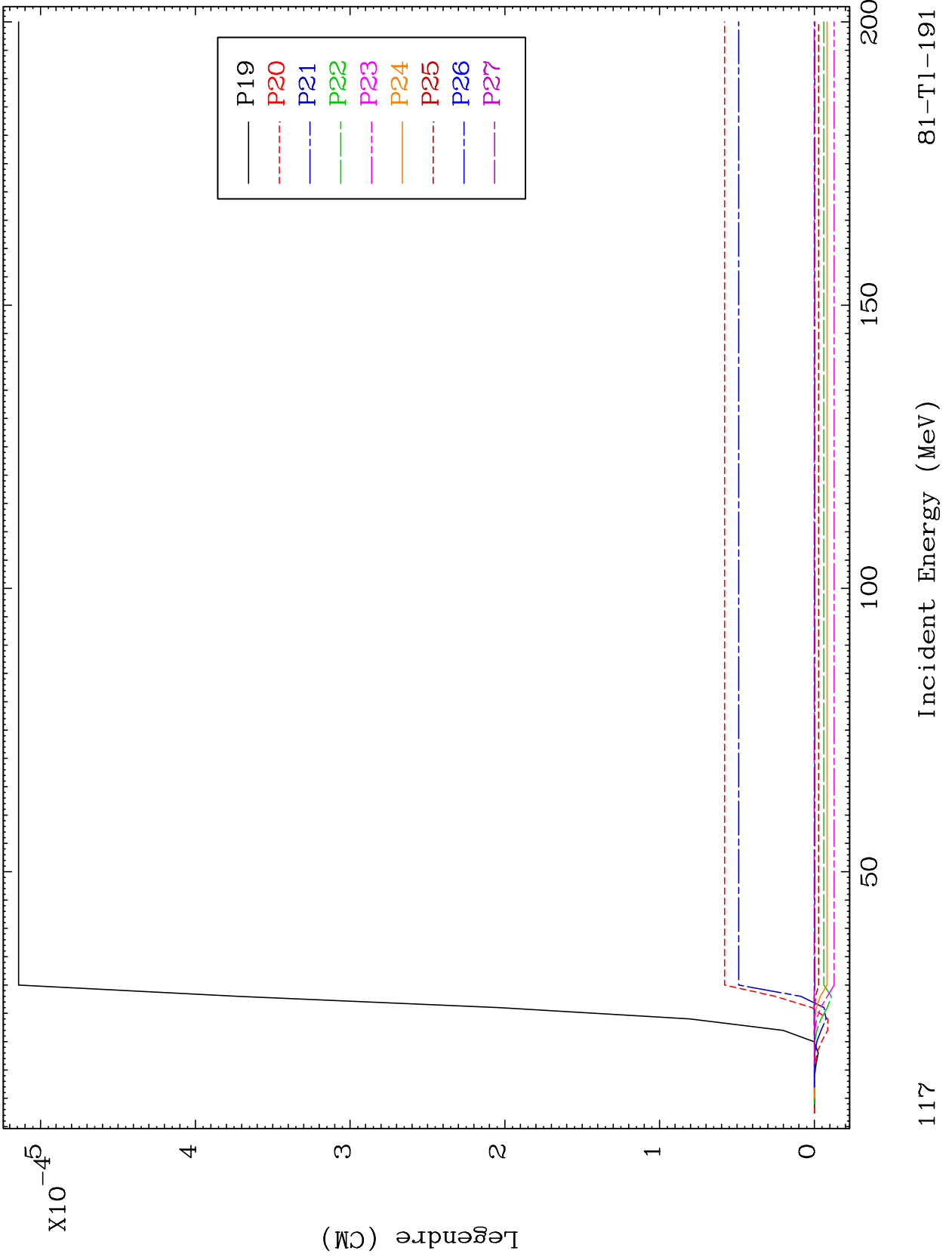
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

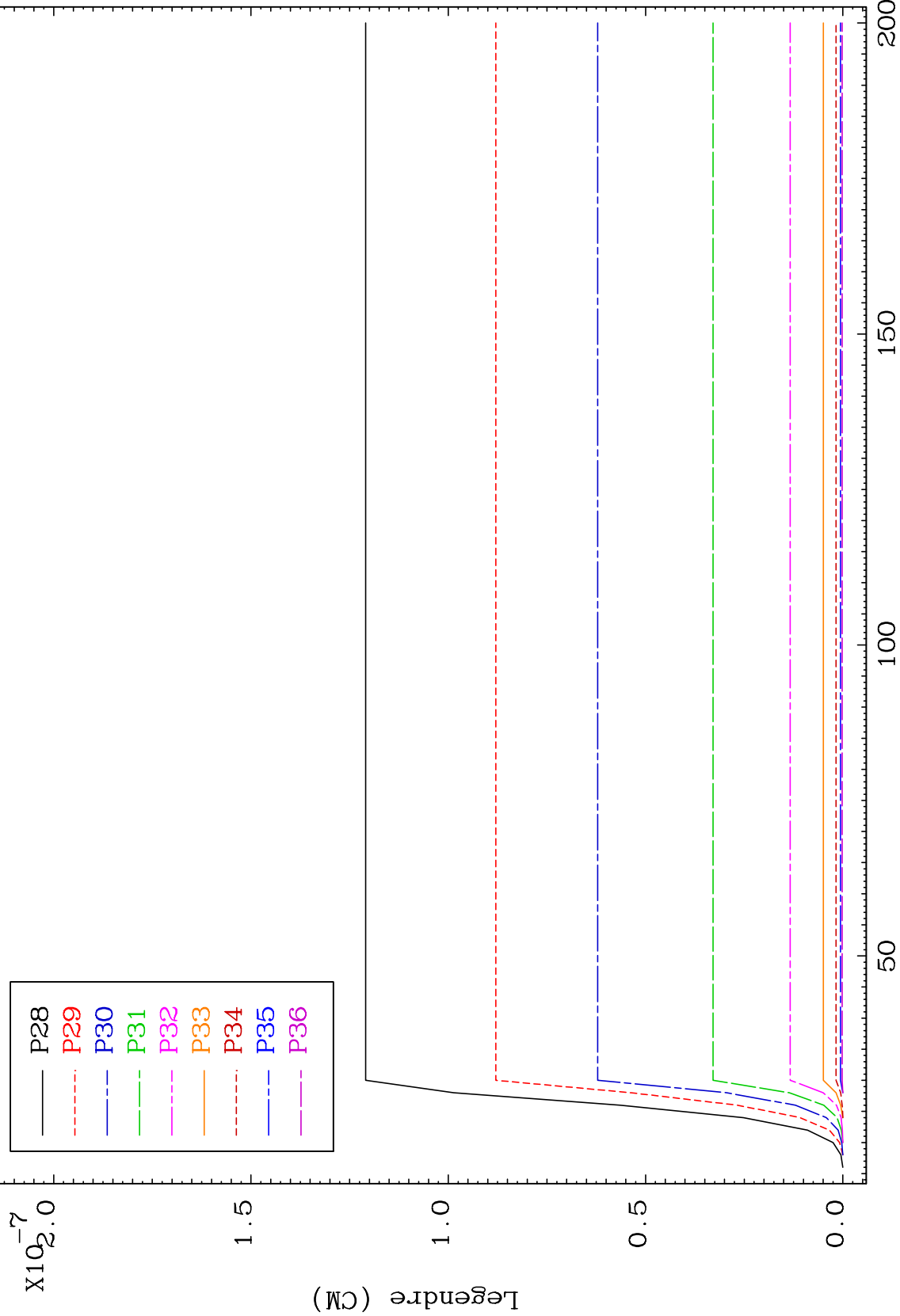
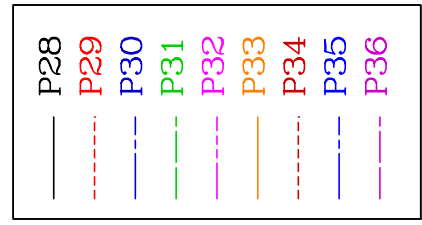
81-T1-191



MAT 8089

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

81-Tl-191



118

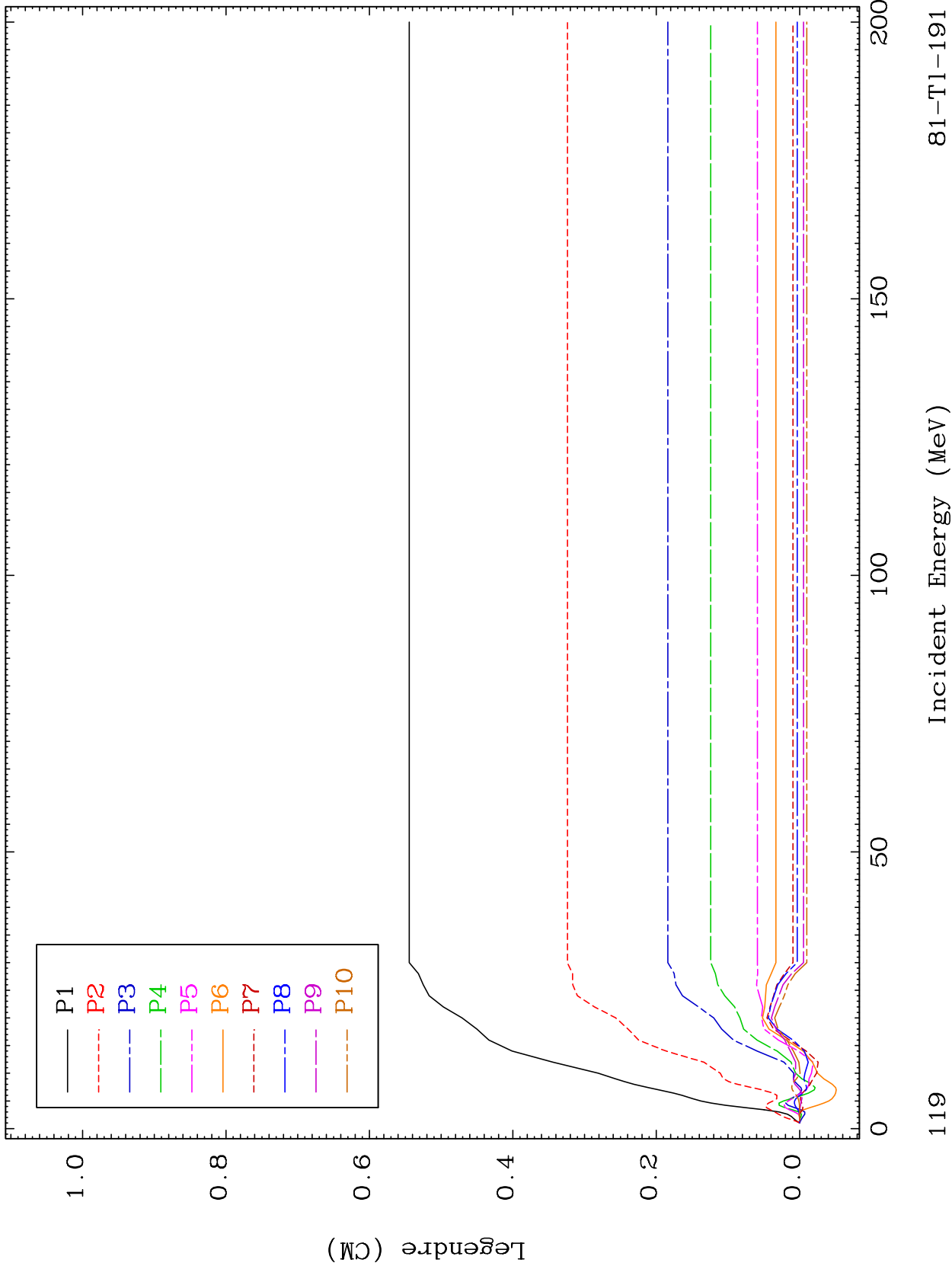
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



119

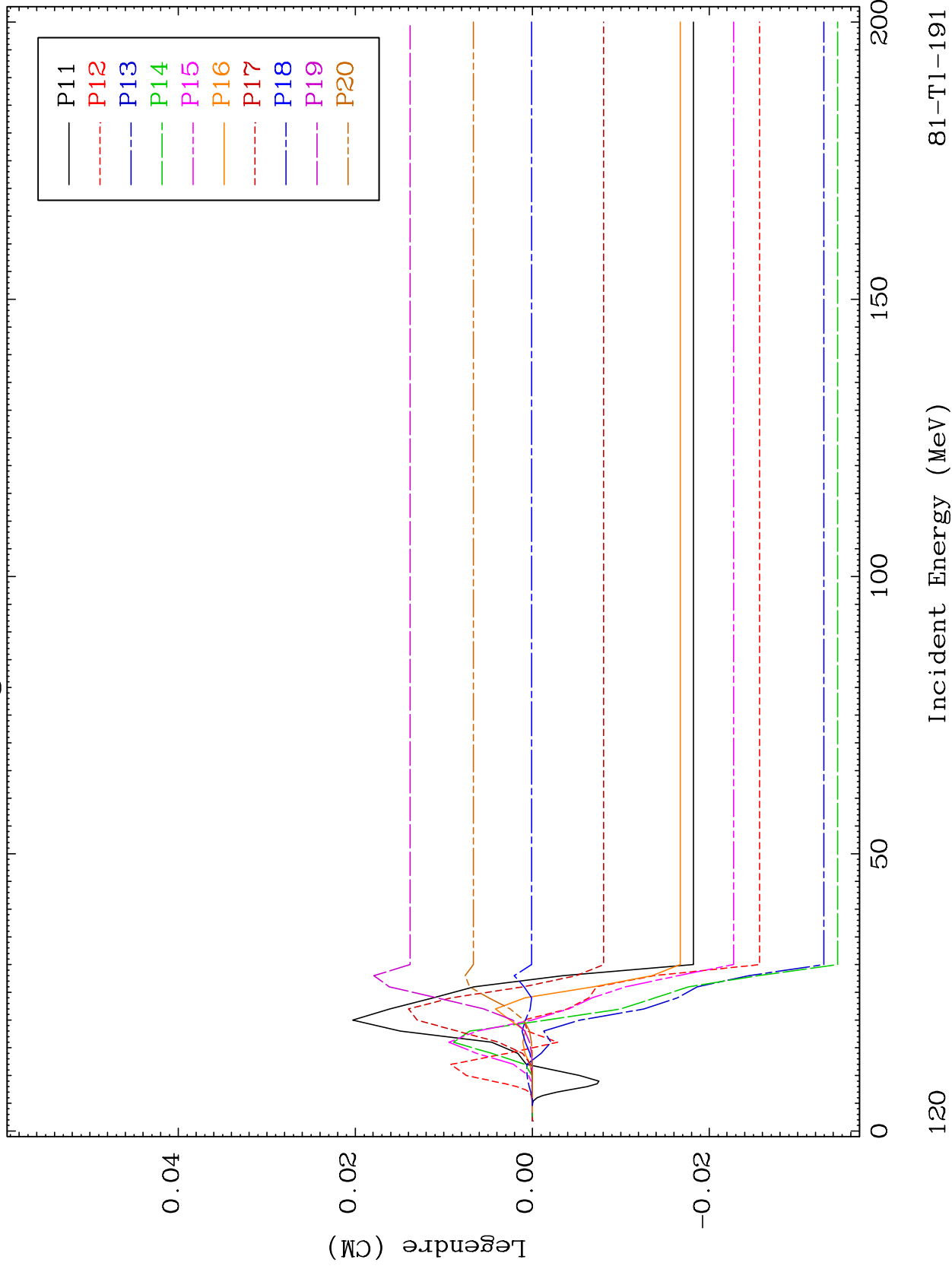
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



81-Tl-191

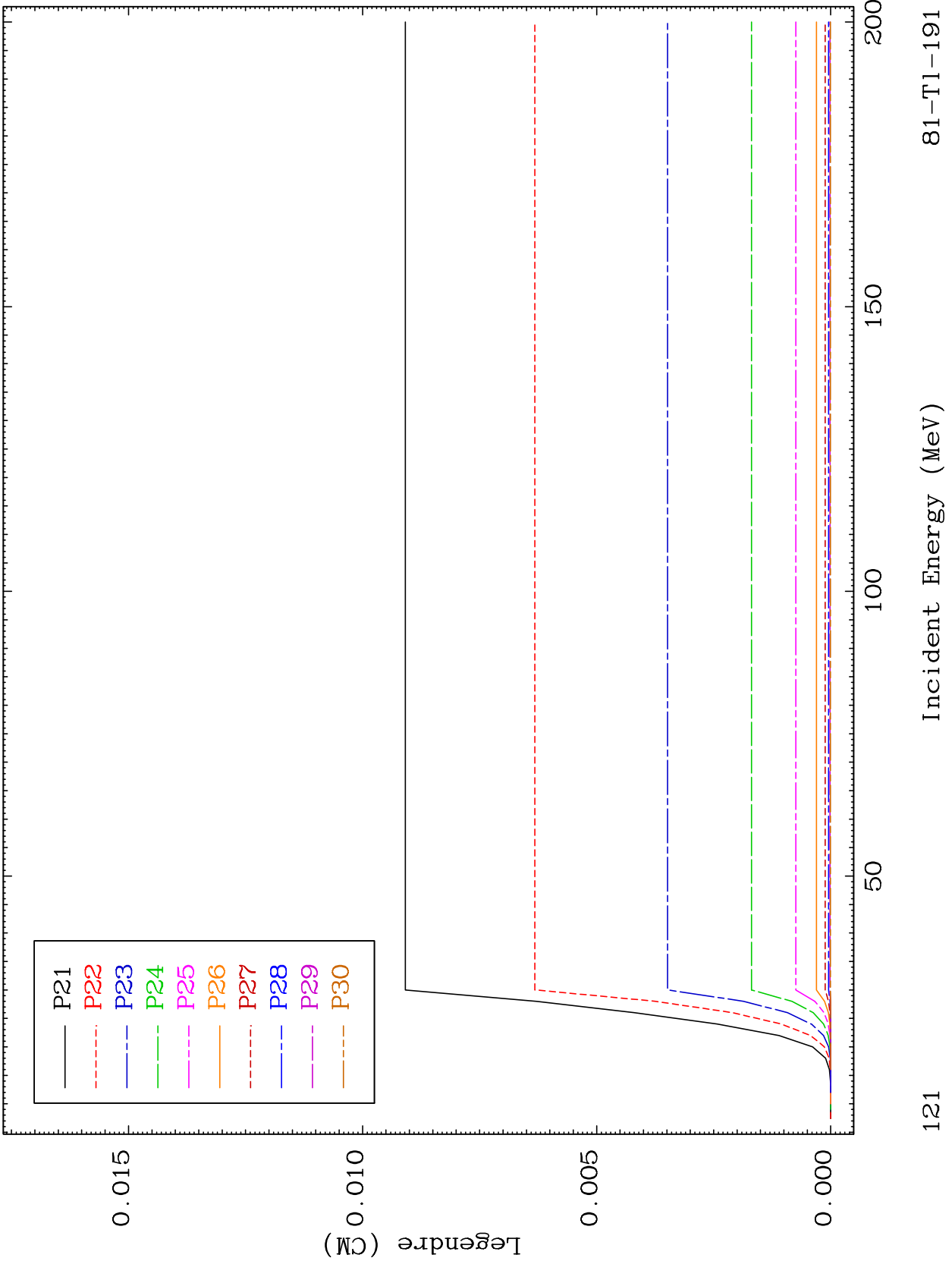
Incident Energy (MeV)

120

MAT 8089

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

81-Tl-191



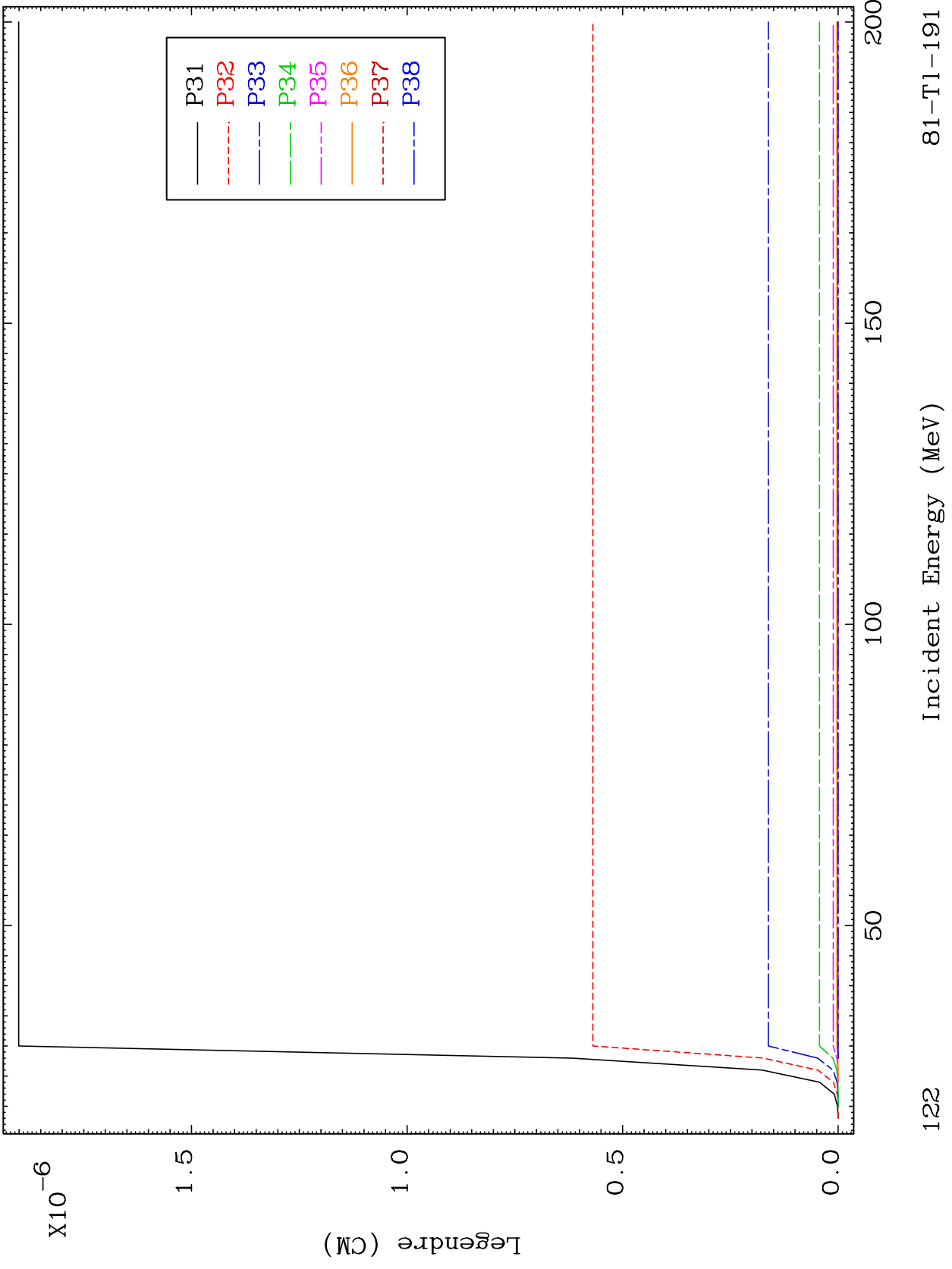
121

81-Tl-191

MAT 8089

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

81-Tl-191

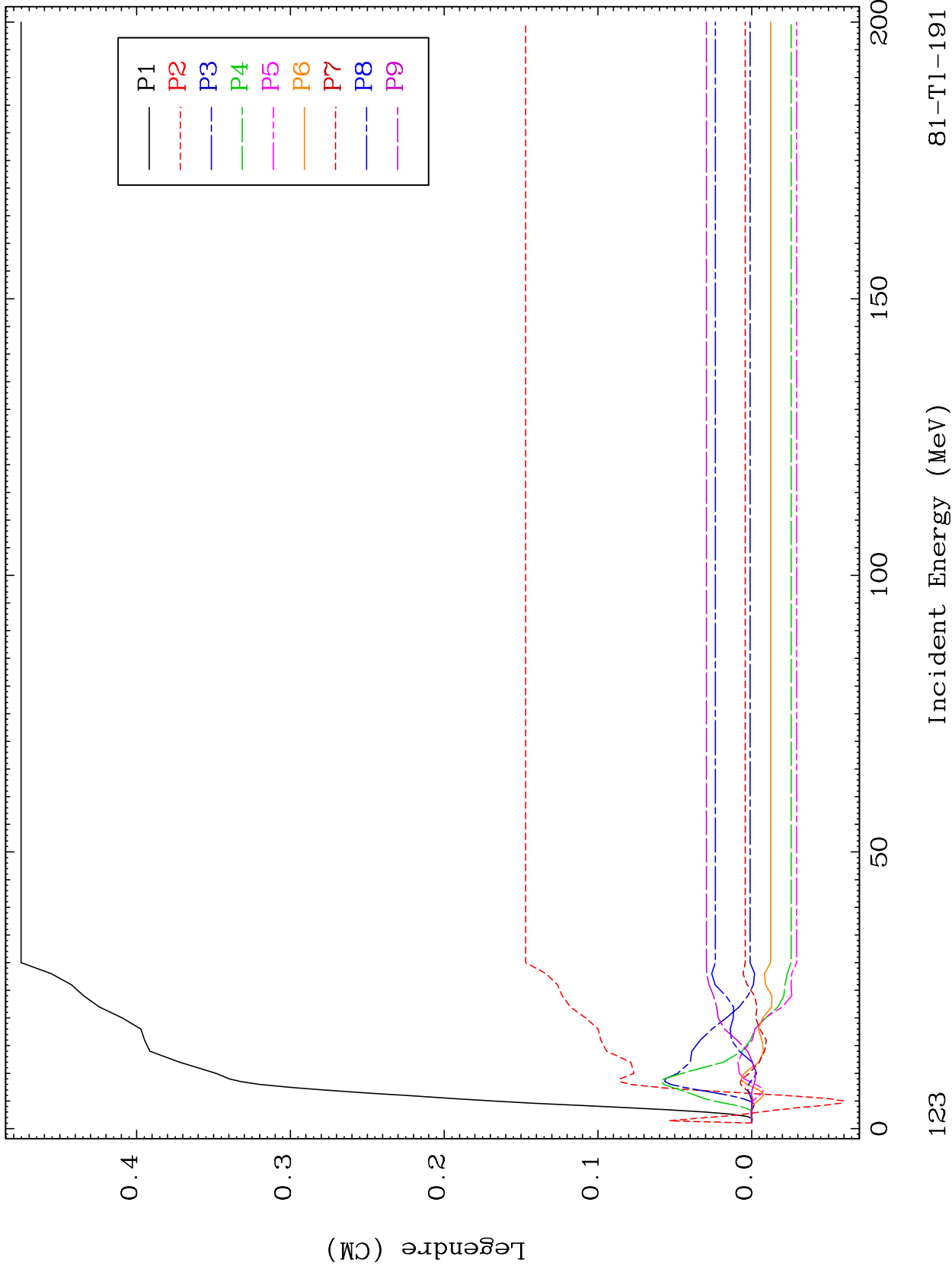


122

MAT 8089

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

81-Tl-191



123

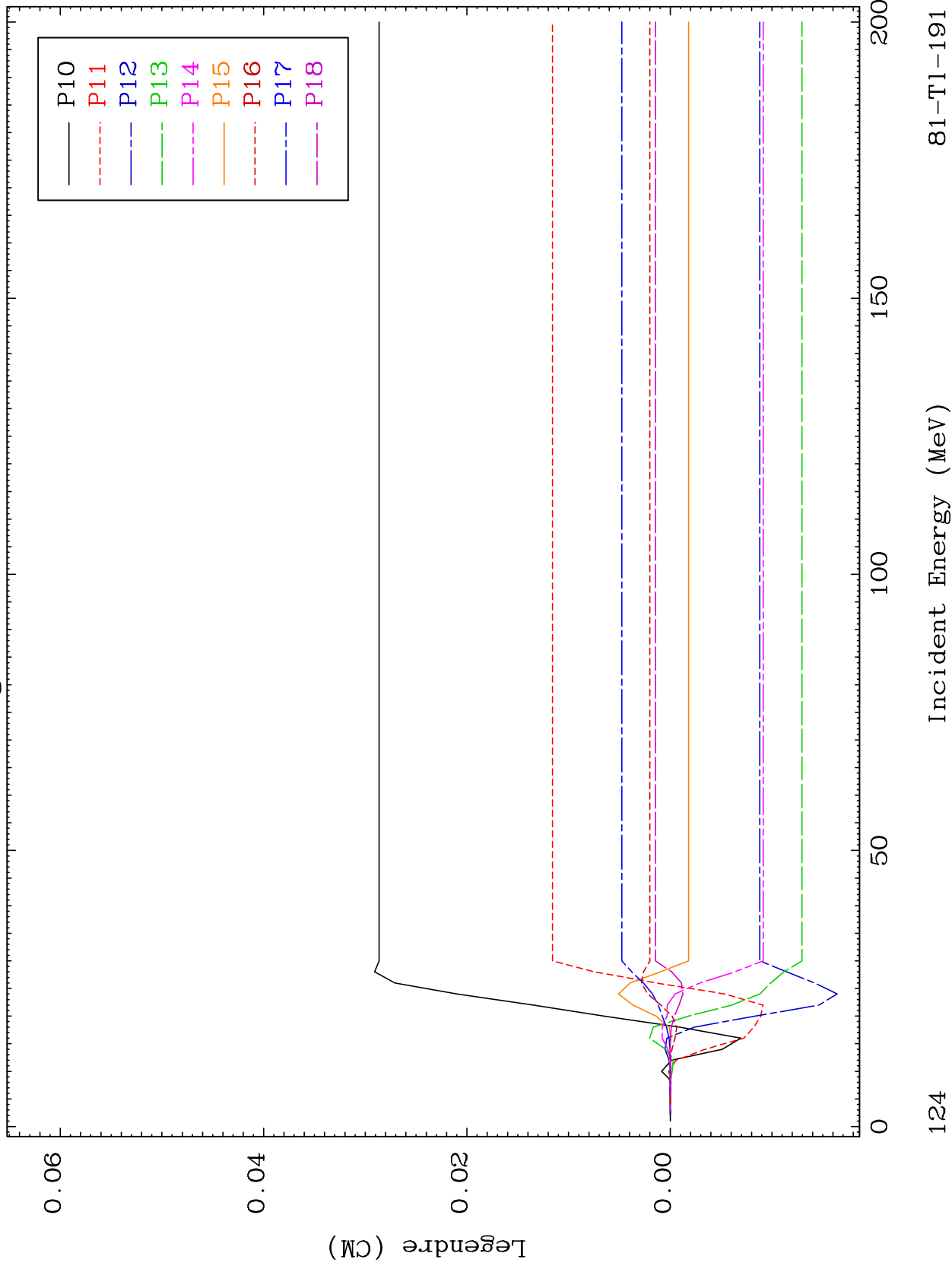
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



81-Tl-191

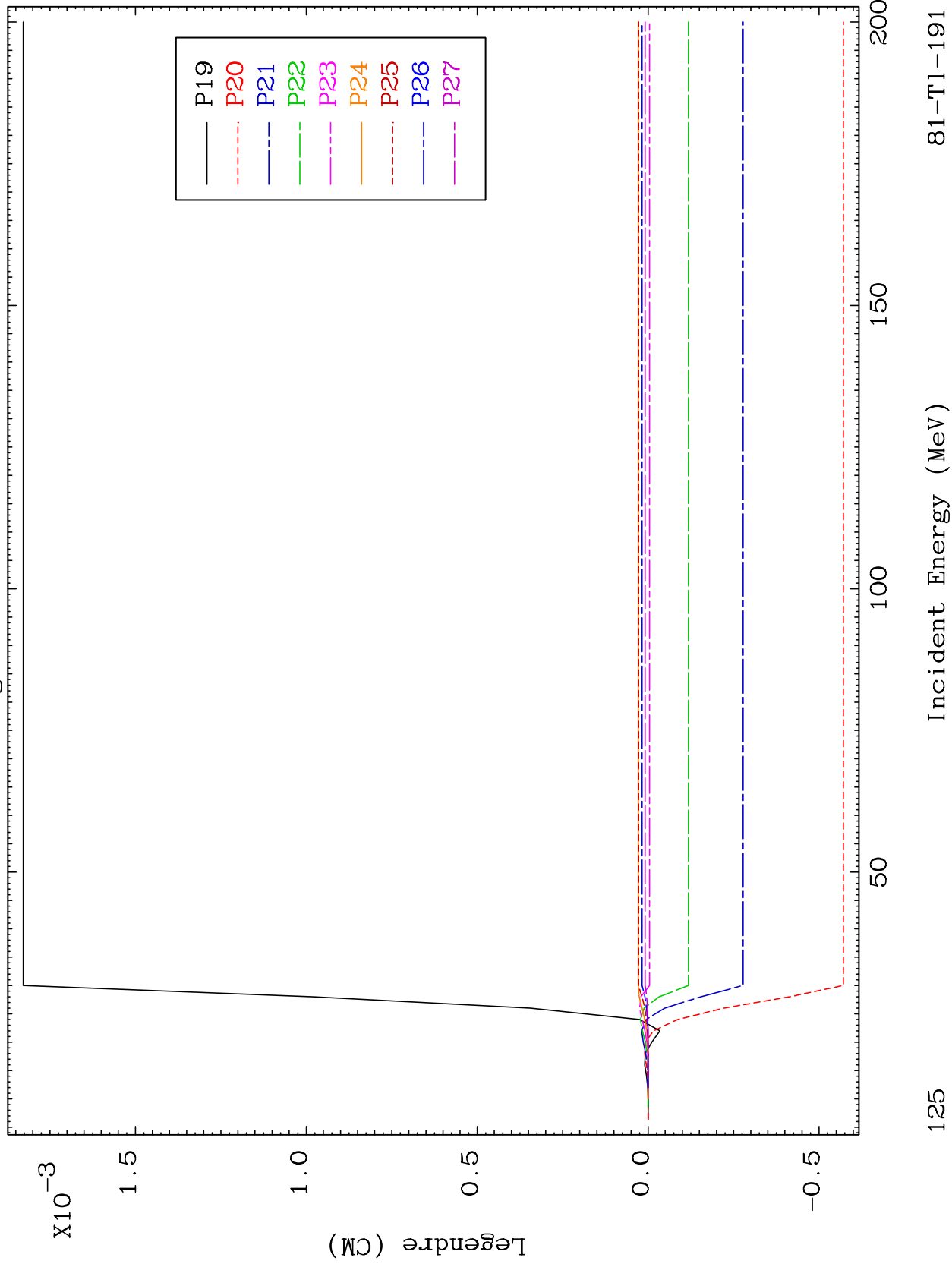
Incident Energy (MeV)

124

MAT 8089

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

81-Tl-191



125

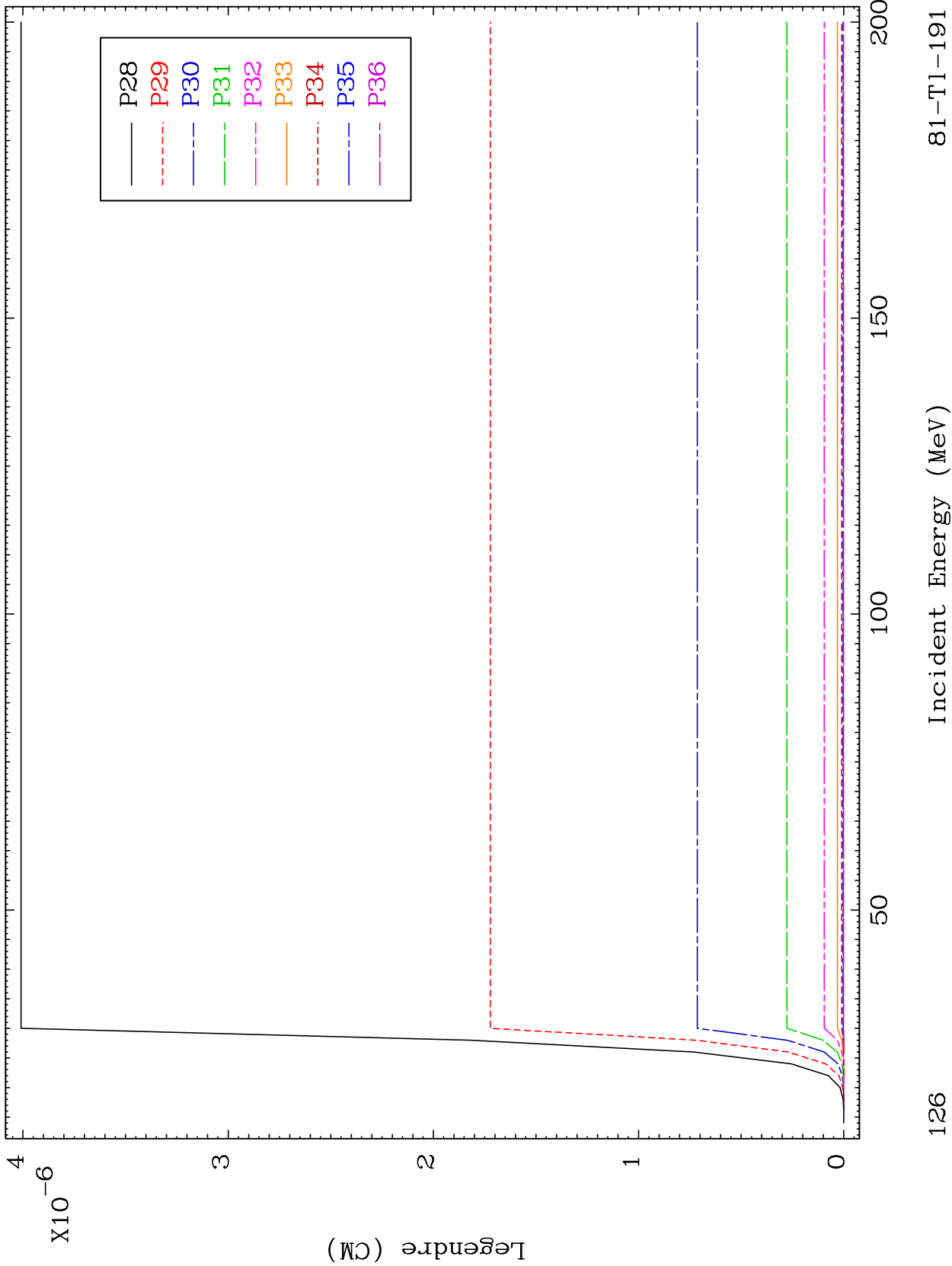
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

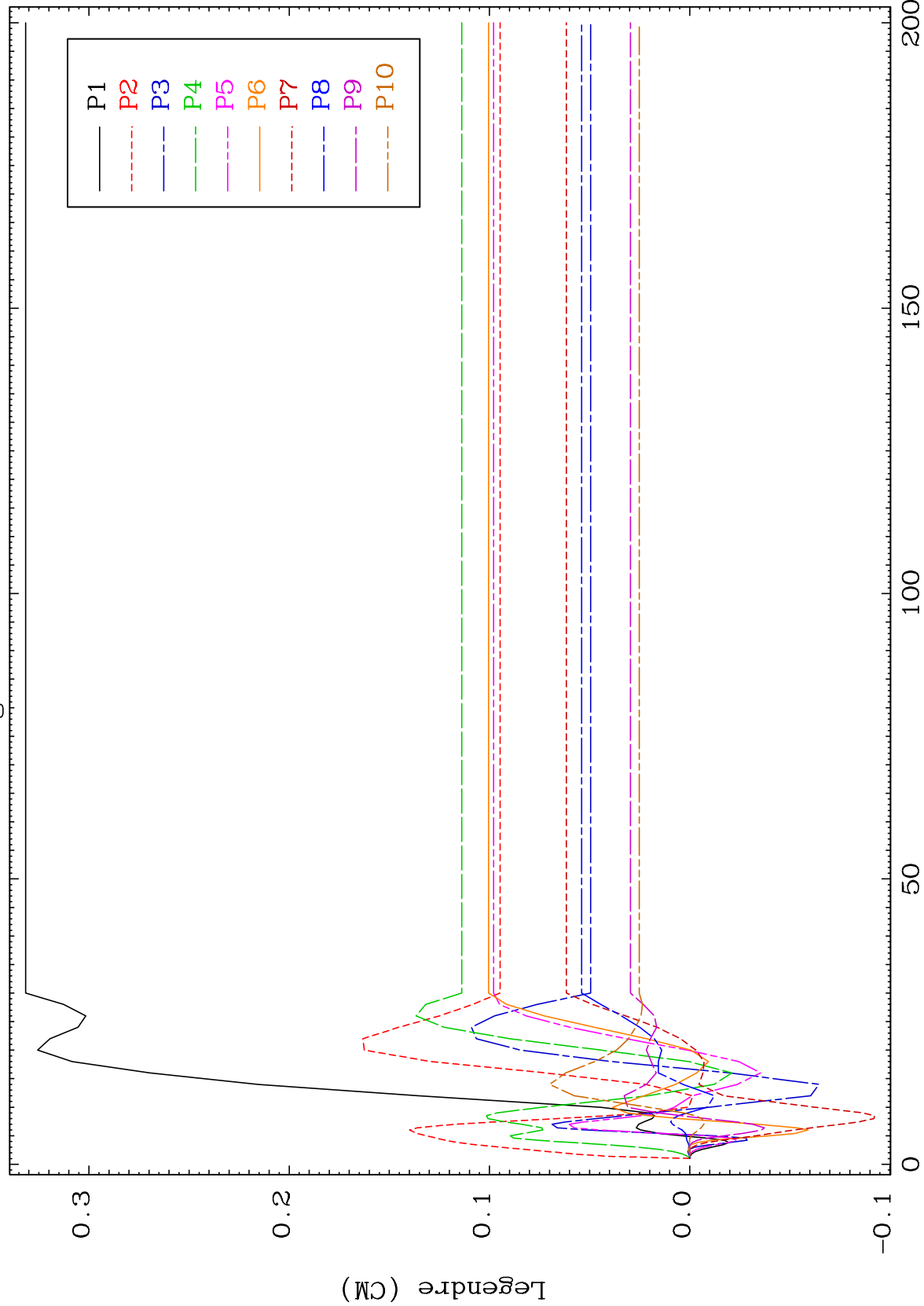
81-Tl-191



MAT 8089

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

81-Tl-191



127

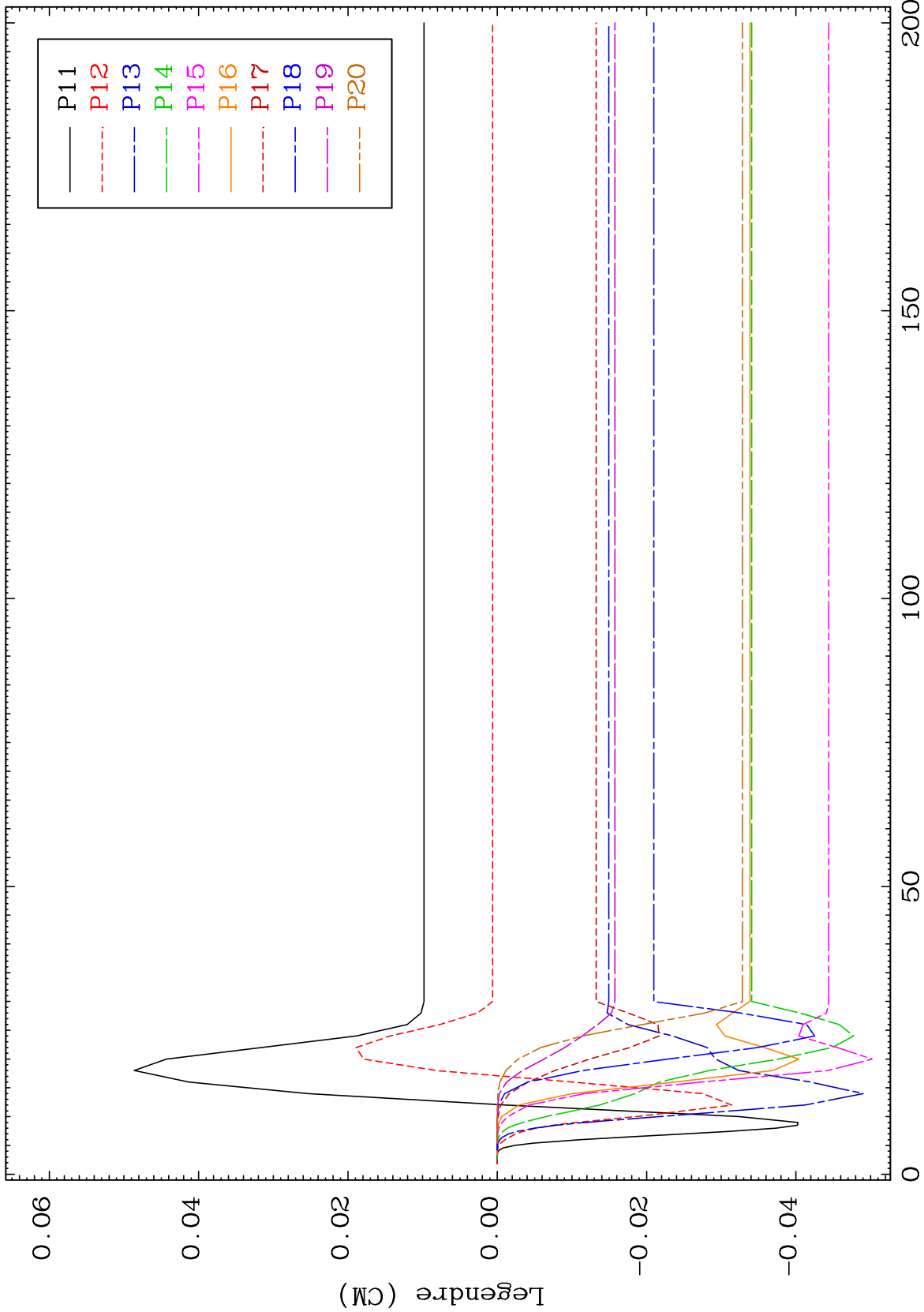
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

81-Tl-191



128

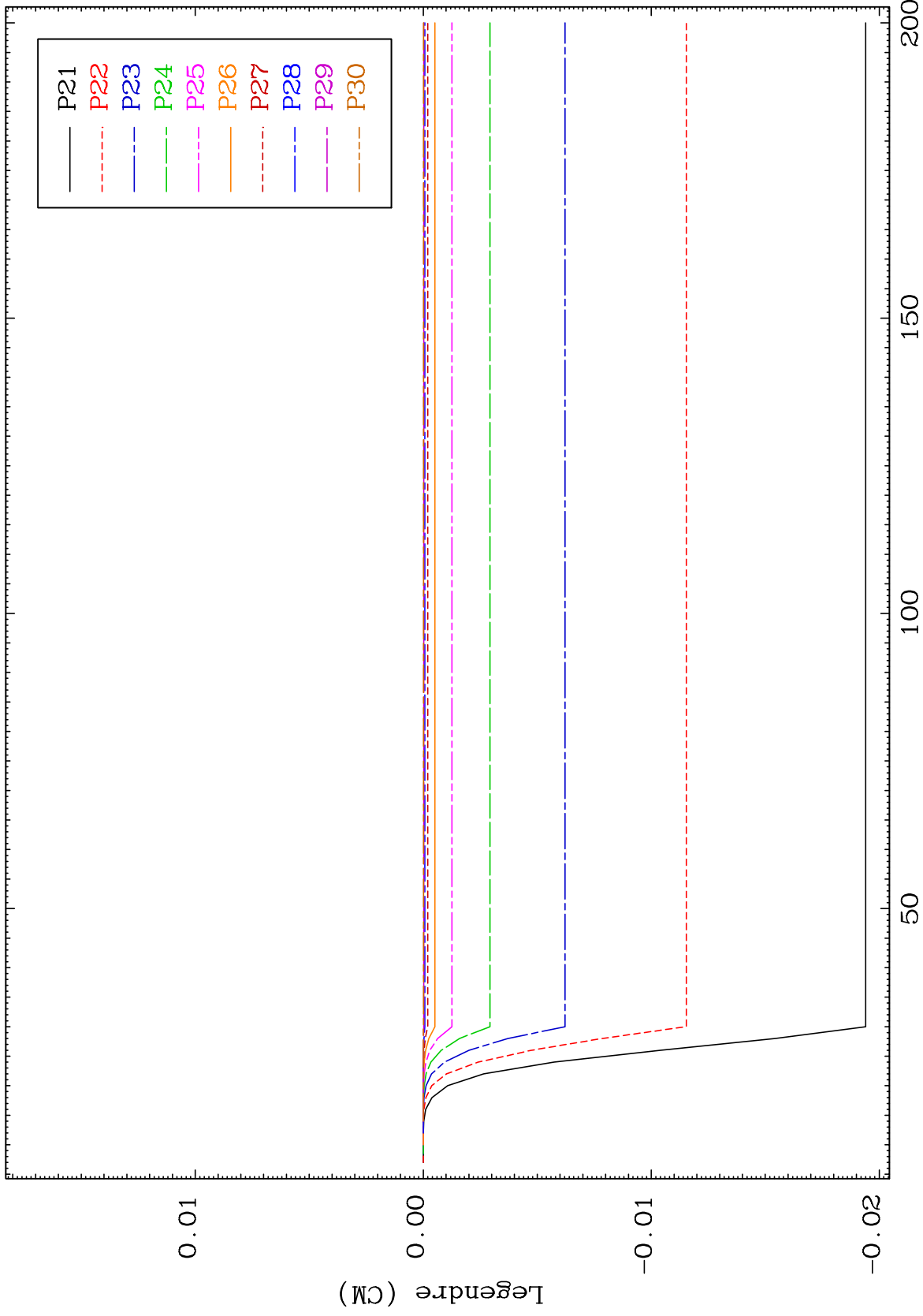
Incident Energy (MeV)

81-Tl-191

MAT 8089

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

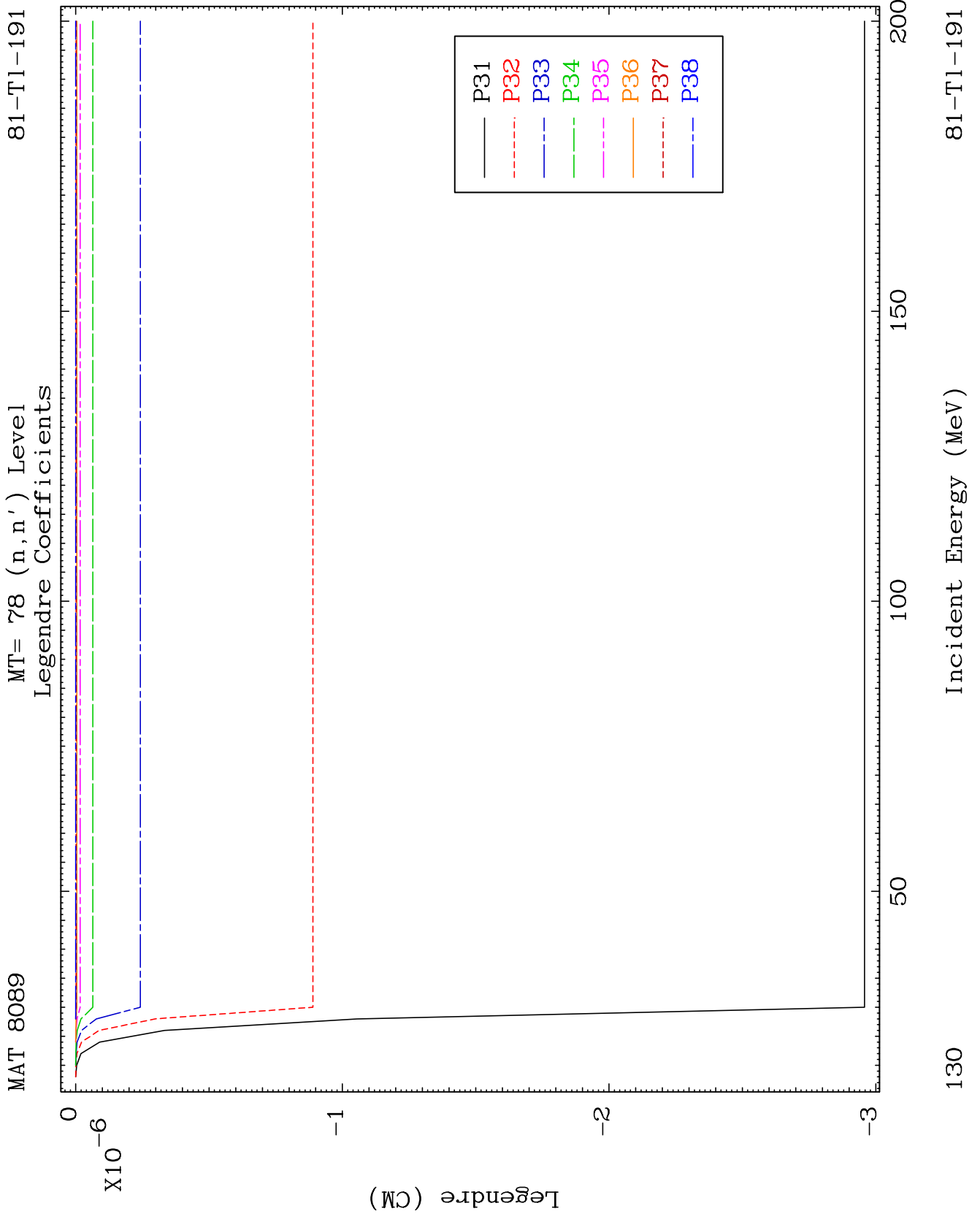
81-Tl-191



129

Incident Energy (MeV)

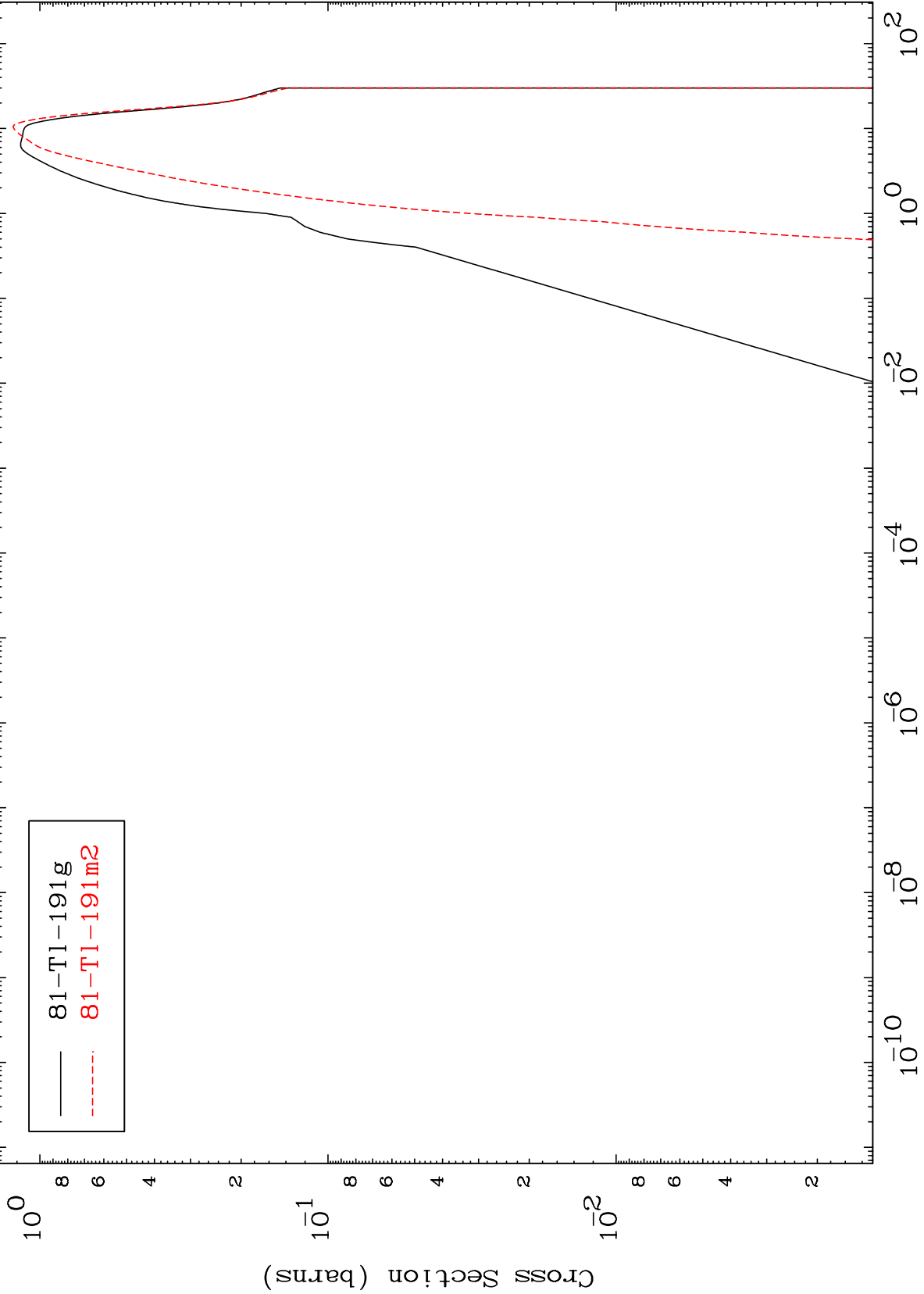
81-Tl-191



MAT 8089

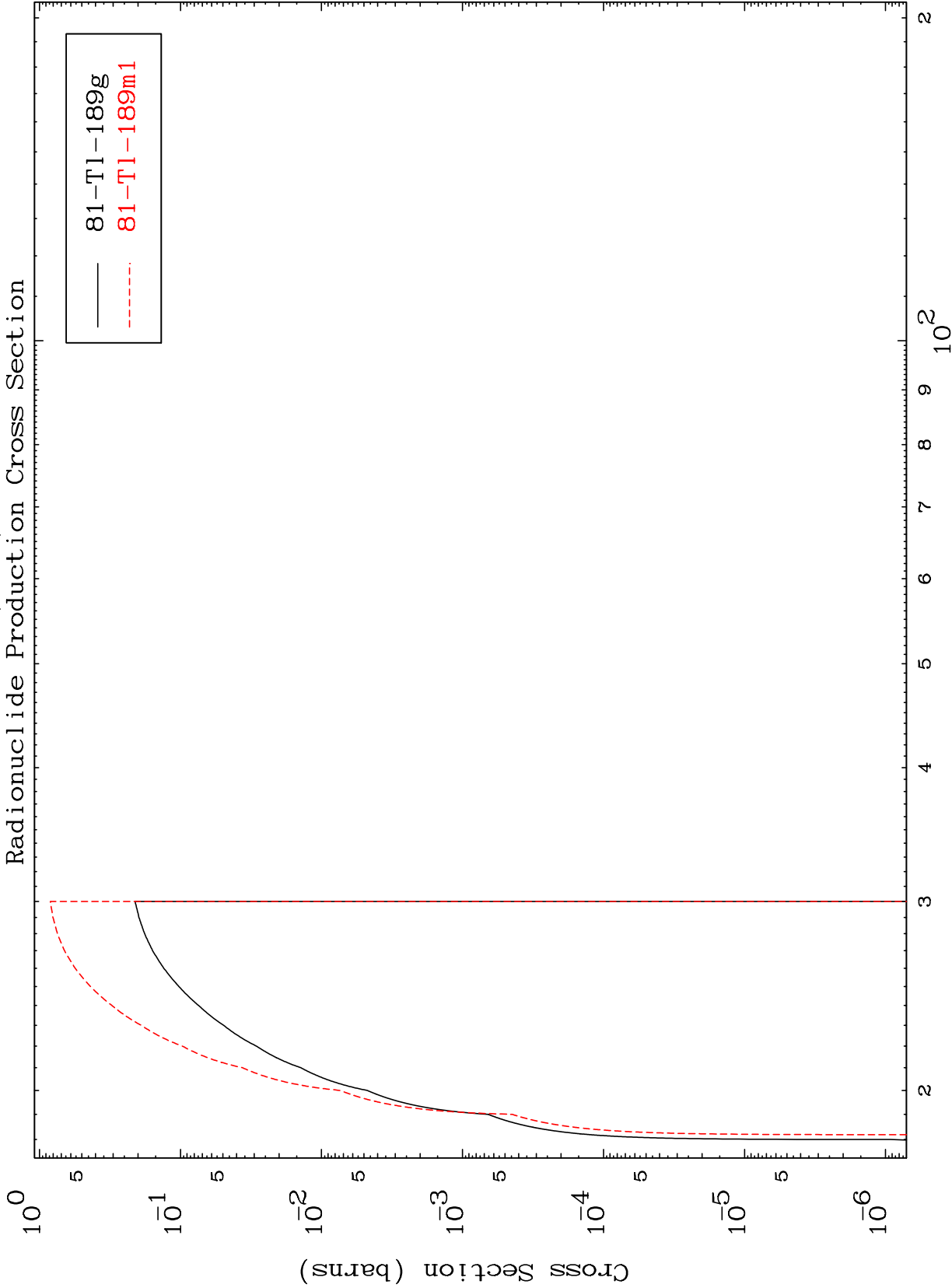
Inelastic
Radionuclide Production Cross Section

81-Tl-191



81-Tl-191 g
81-Tl-191 m2

(n,3n)
Radionuclide Production Cross Section

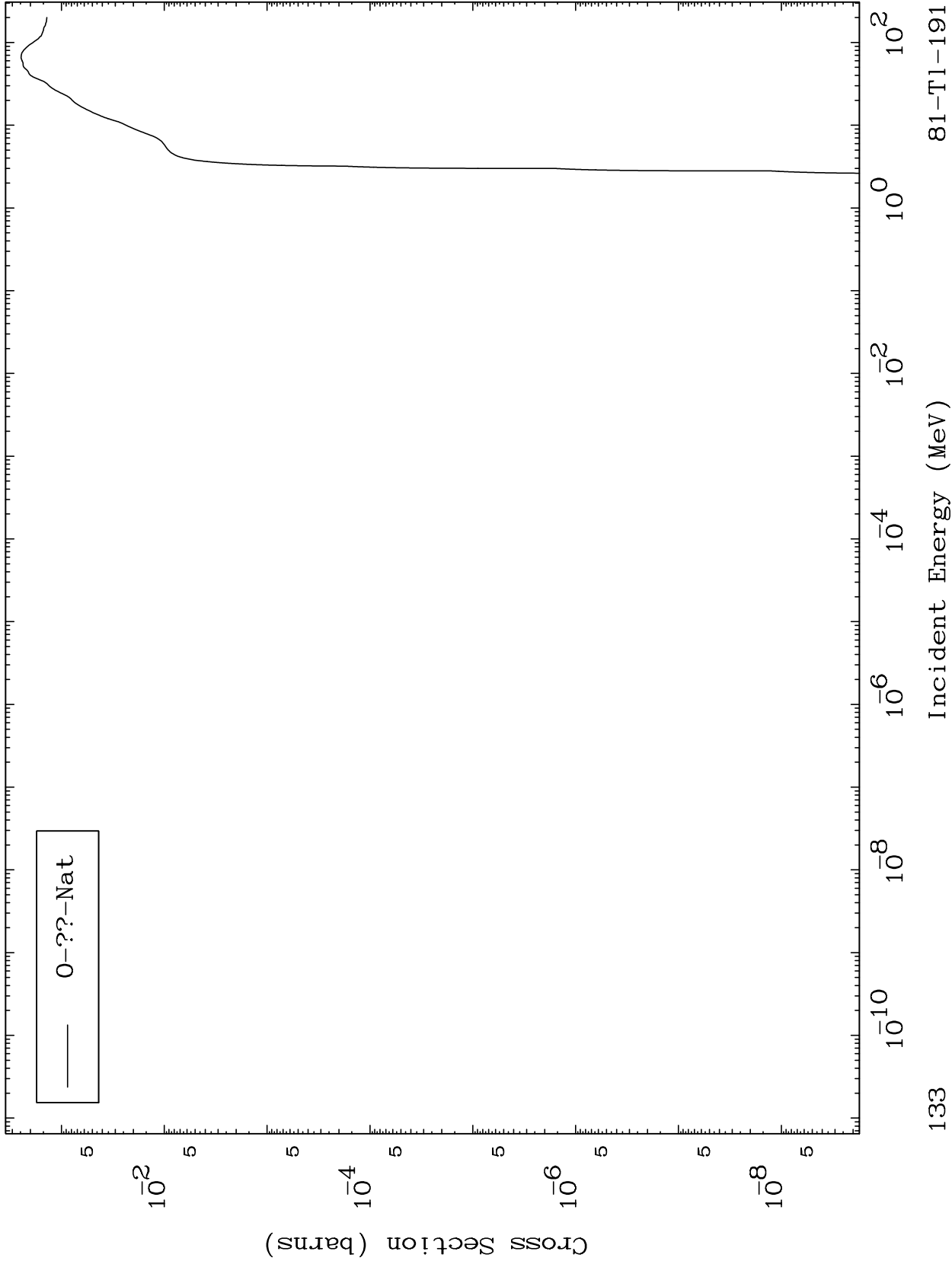


MAT 8089

Fission

81-Tl-191

Radionuclide Production Cross Section

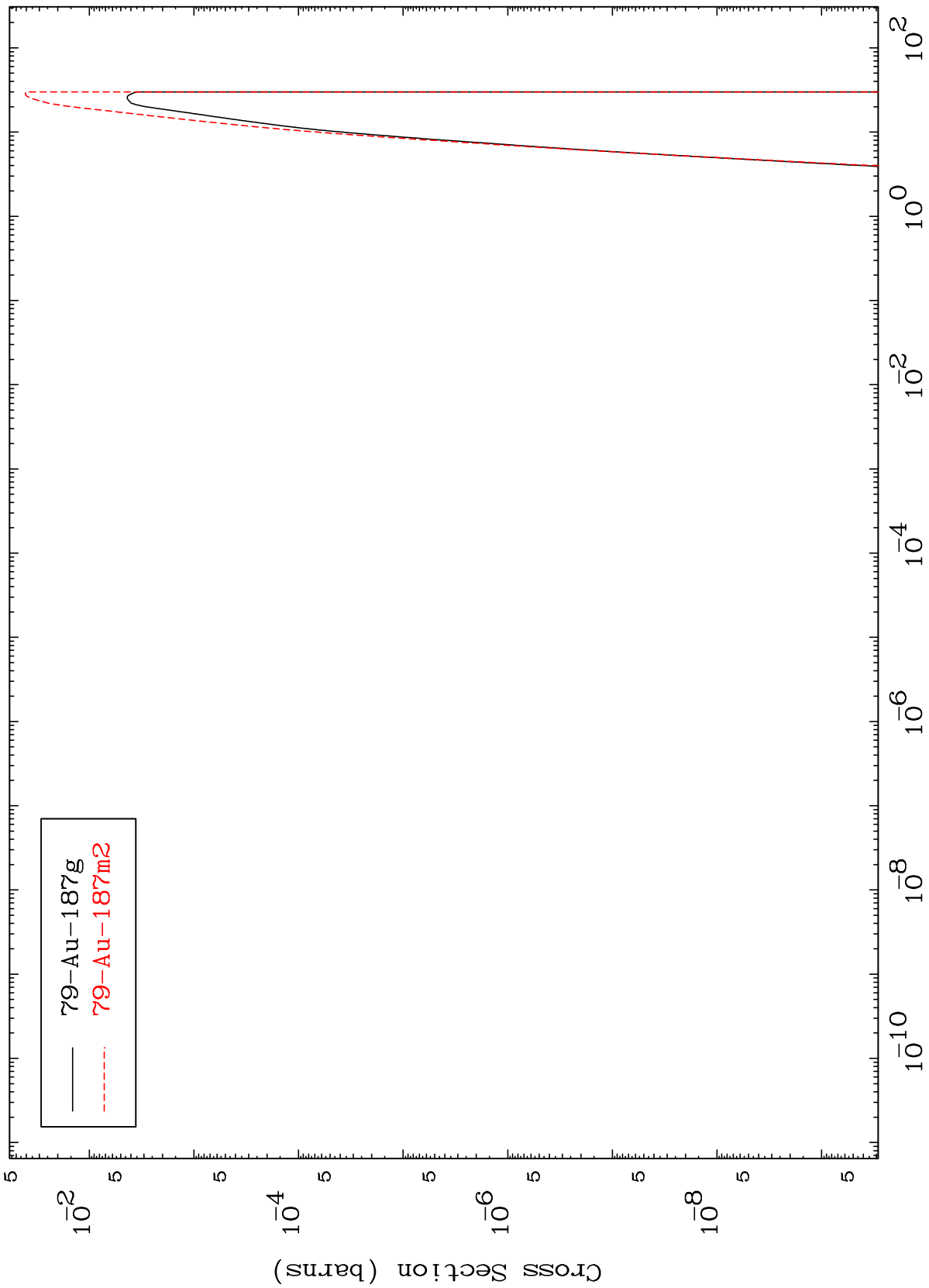


MAT 8089

$(n, n') \alpha$

81-Tl-191

Radionuclide Production Cross Section



134

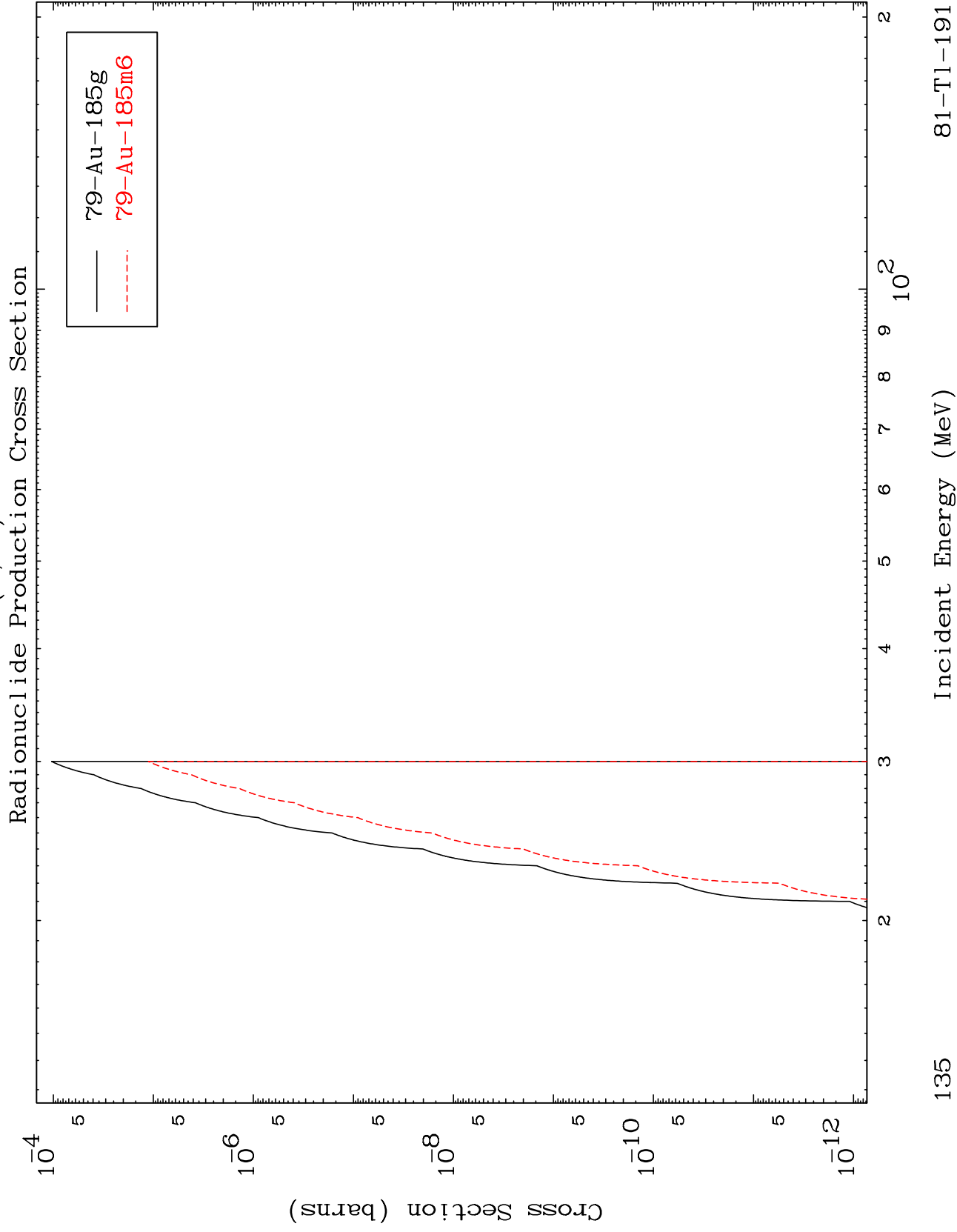
Incident Energy (MeV)

81-Tl-191

MAT 8089

(n,3n) α

81-Tl-191



135

Incident Energy (MeV)

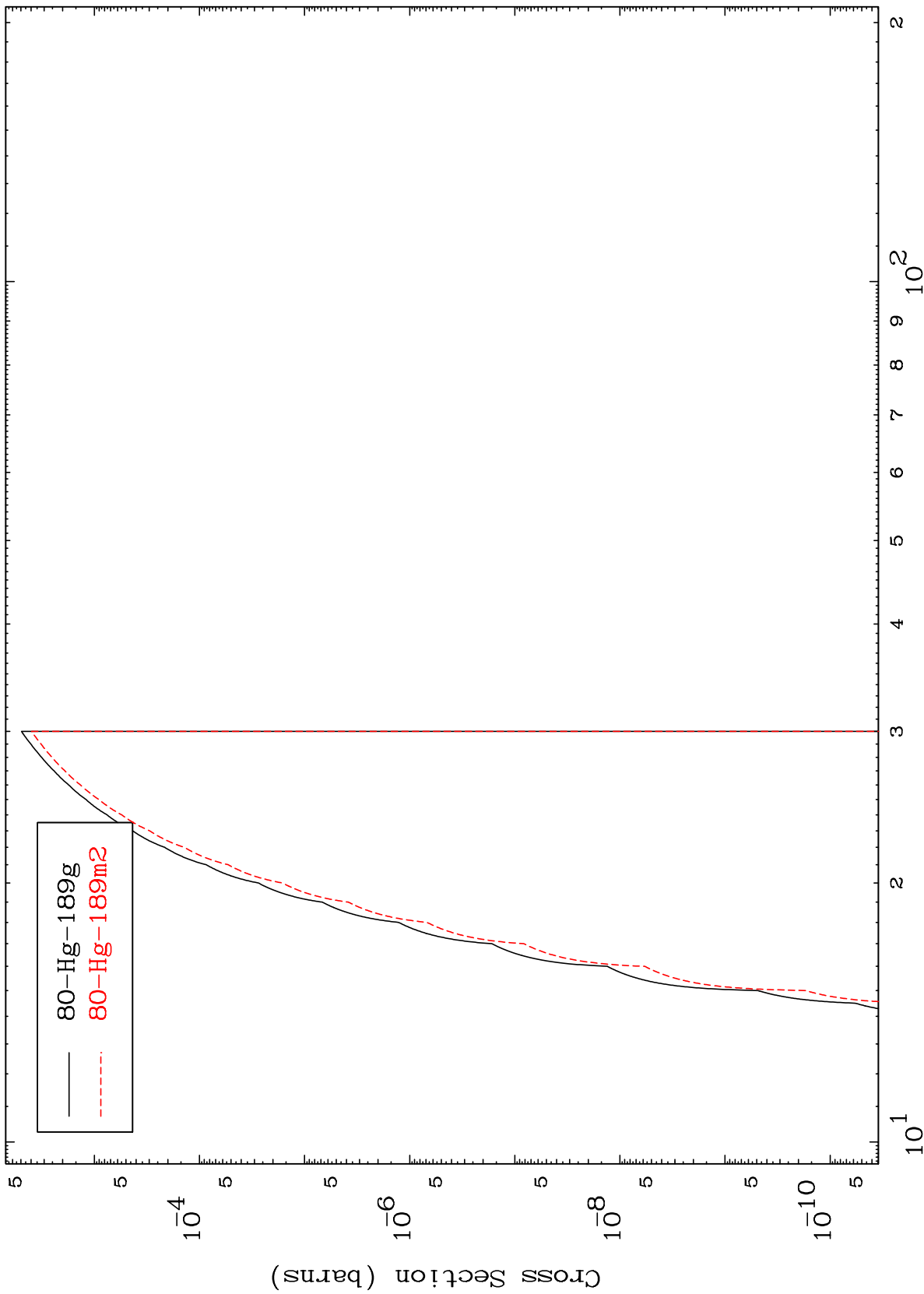
81-Tl-191

MAT 8089

(n,n') d

81-Tl-191

Radionuclide Production Cross Section



136

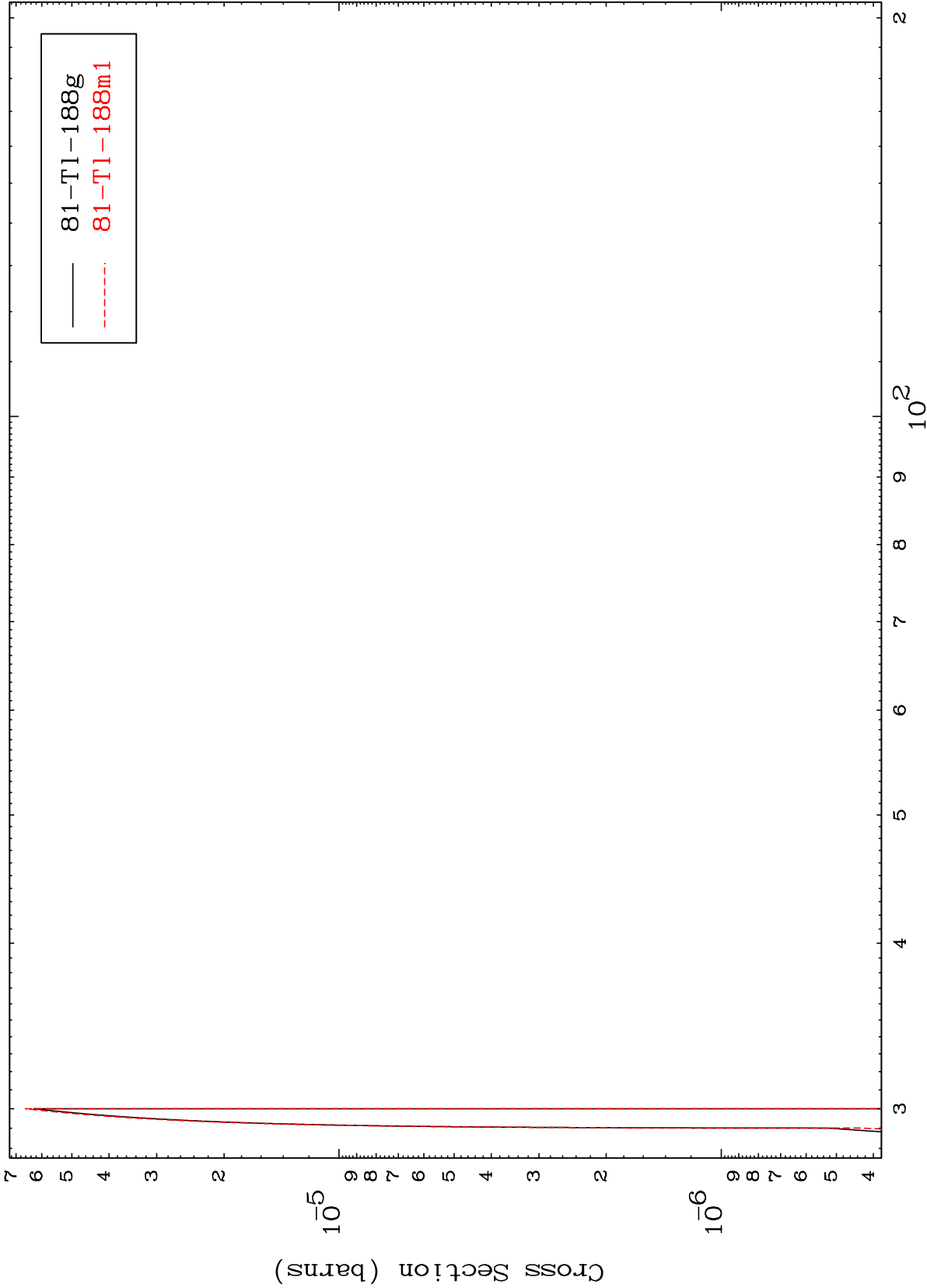
Incident Energy (MeV)

81-Tl-191

MAT 8089

81-Tl-191

(n,4n)
Radionuclide Production Cross Section



81-Tl-188g
81-Tl-188m1

137

81-Tl-191

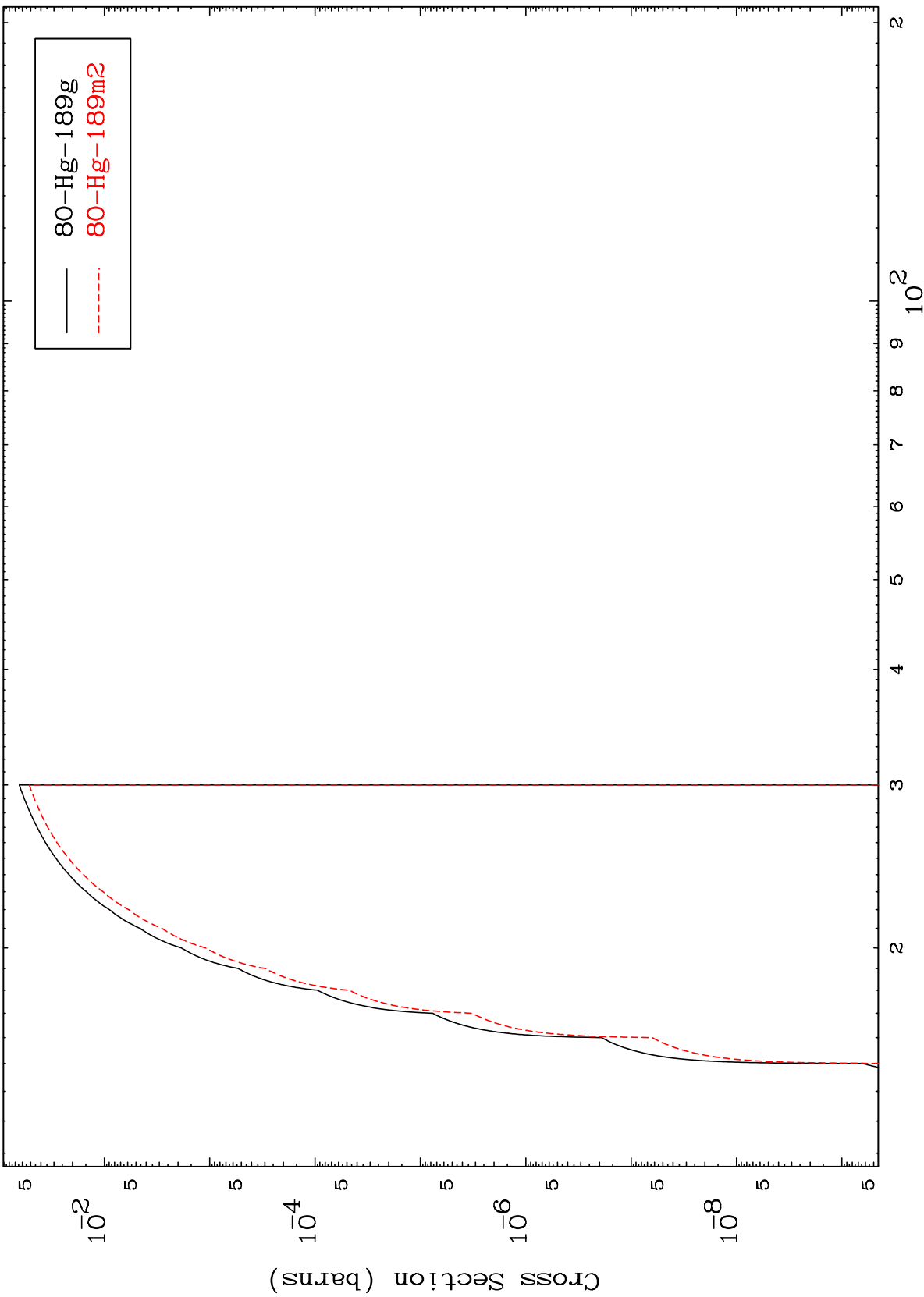
Incident Energy (MeV)

MAT 8089

(n,2n) p

81-Tl-191

Radionuclide Production Cross Section



138

Incident Energy (MeV)

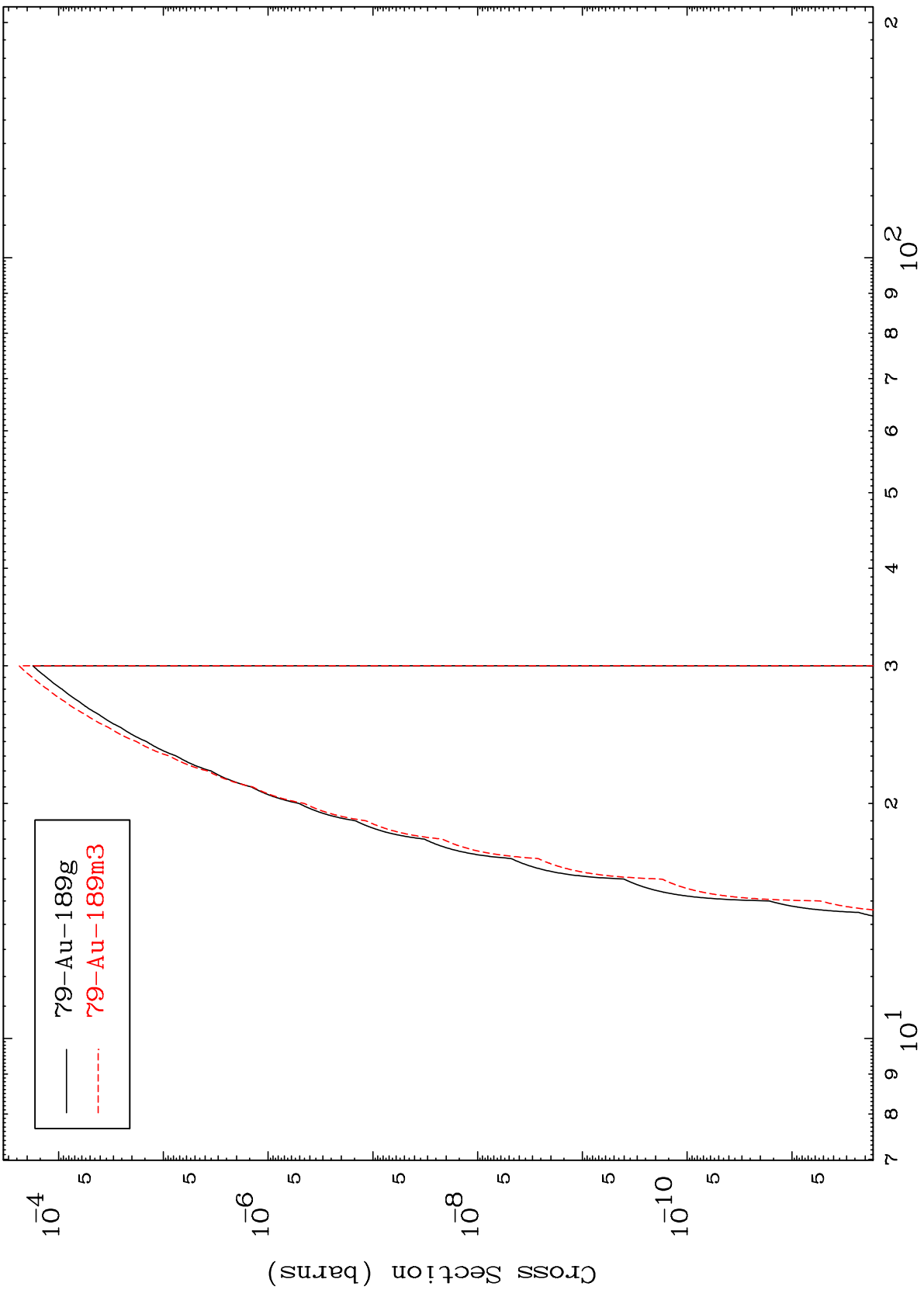
81-Tl-191

MAT 8089

(n,2n) p

81-Tl-191

Radionuclide Production Cross Section



79-Au-189g
79-Au-189m3

139

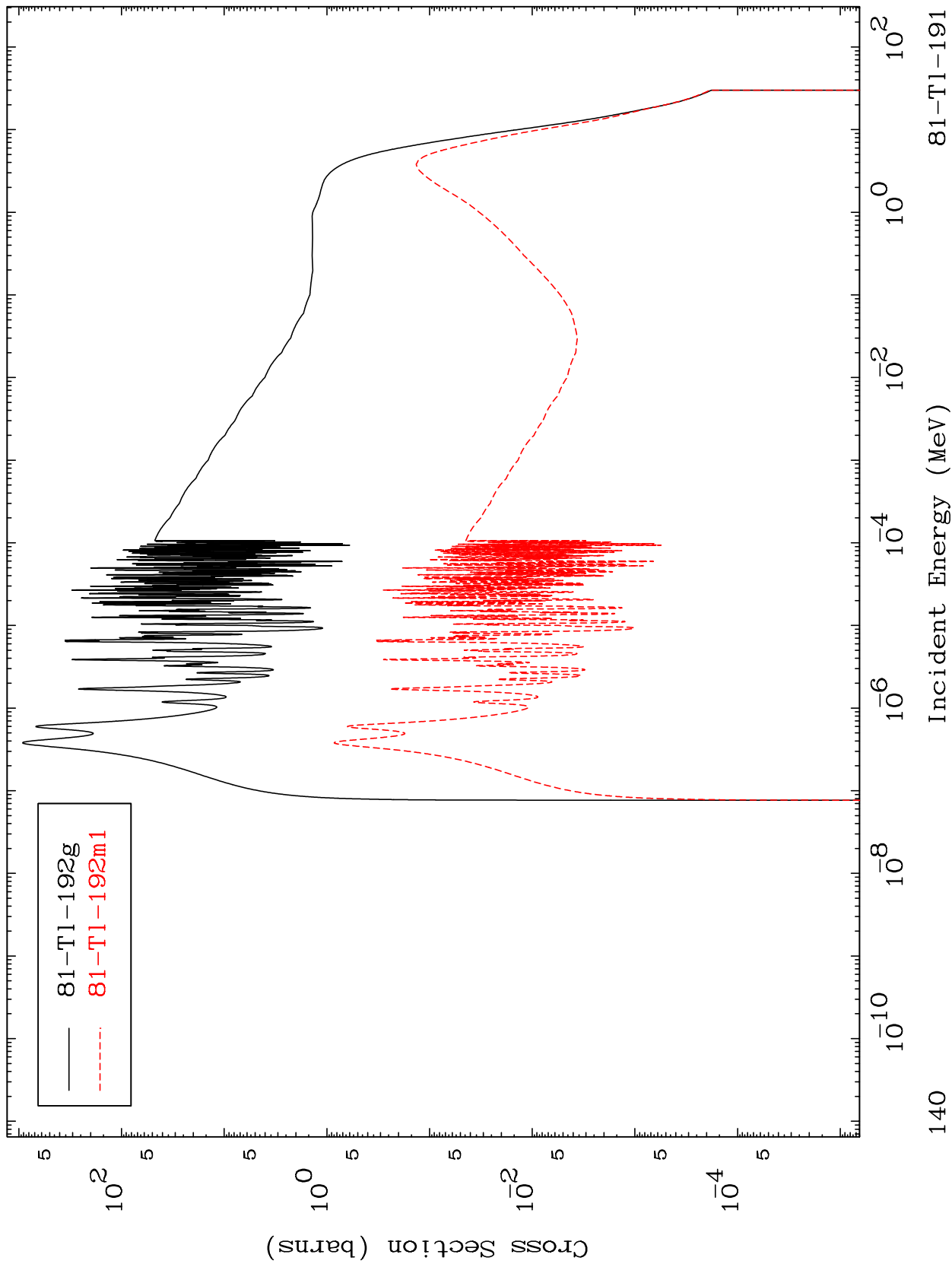
Incident Energy (MeV)

81-Tl-191

MAT 8089

81-Tl-191

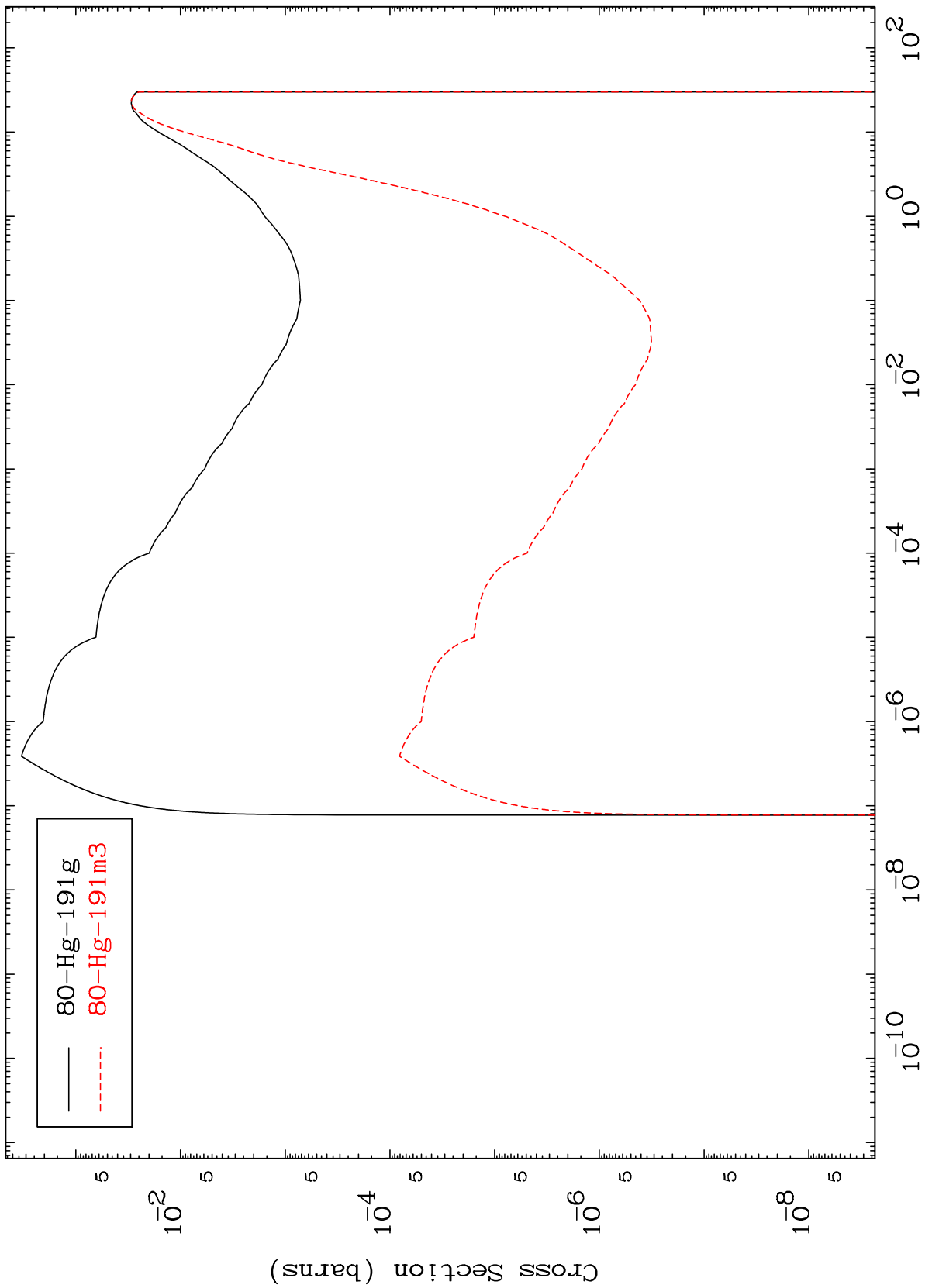
Radionuclide Production Cross Section



MAT 8089

81-Tl-191

(n,p)
Radionuclide Production Cross Section



— 80-Hg-191g
- - - 80-Hg-191m3

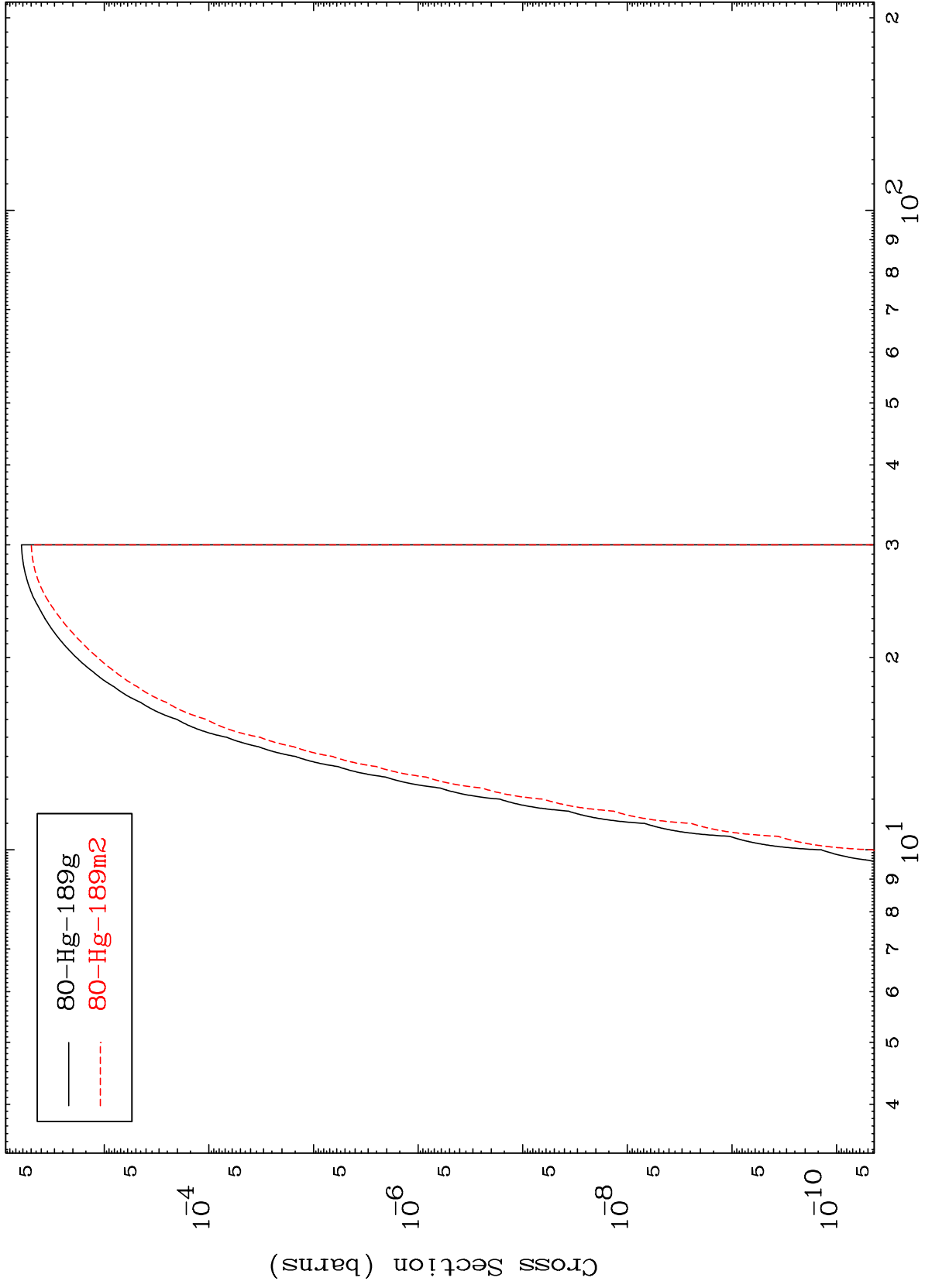
141

81-Tl-191

MAT 8089

81-Tl-191

(n, t)
Radionuclide Production Cross Section



142

81-Tl-191

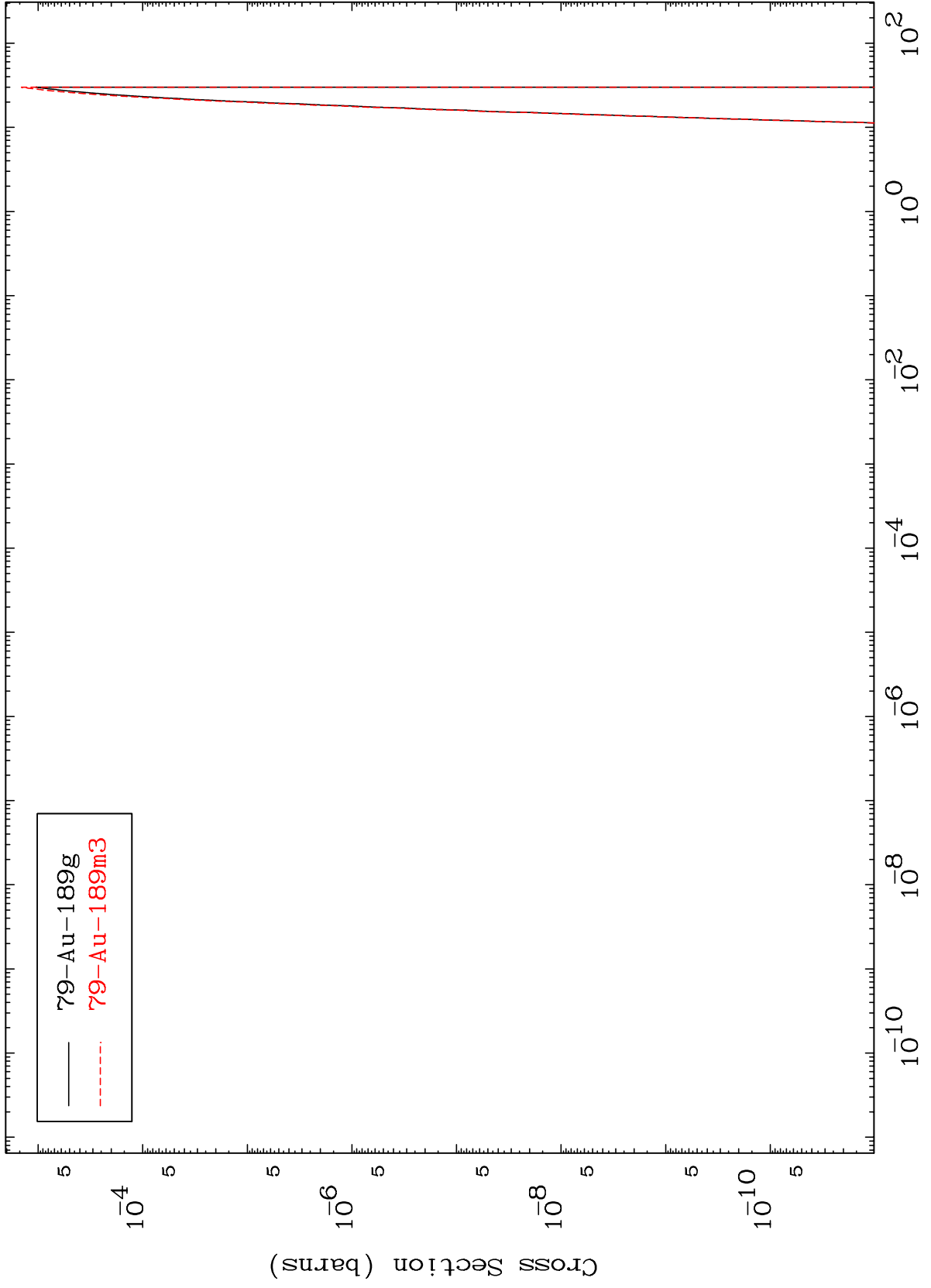
Incident Energy (MeV)

MAT 8089

(n,He-3)

81-Tl-191

Radionuclide Production Cross Section



143

Incident Energy (MeV)

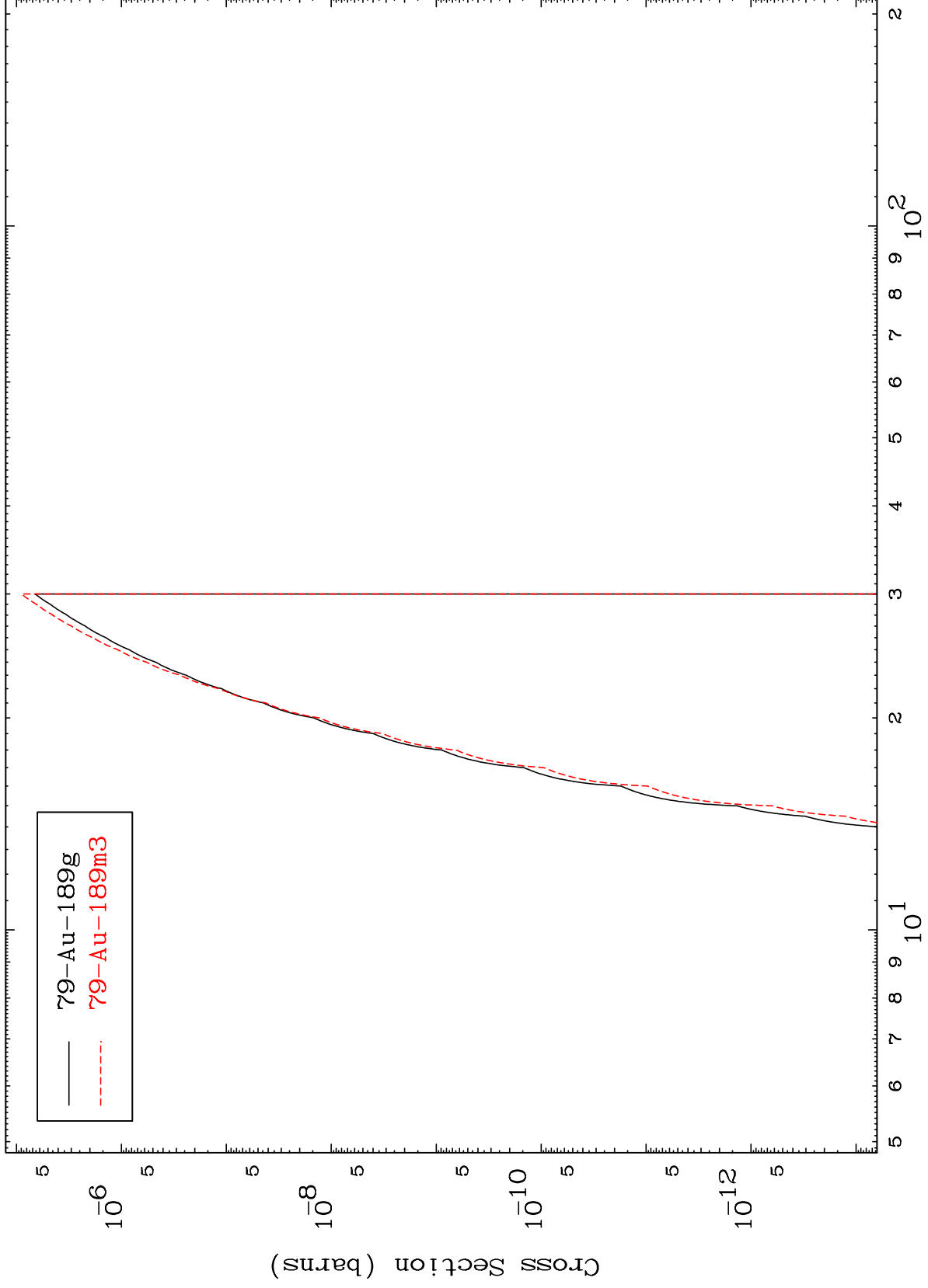
81-Tl-191

MAT 8089

(n,p) d

81-Tl-191

Radionuclide Production Cross Section



144

Incident Energy (MeV)

81-Tl-191