

Program EVALPLOT
(Version 2017-1)

by

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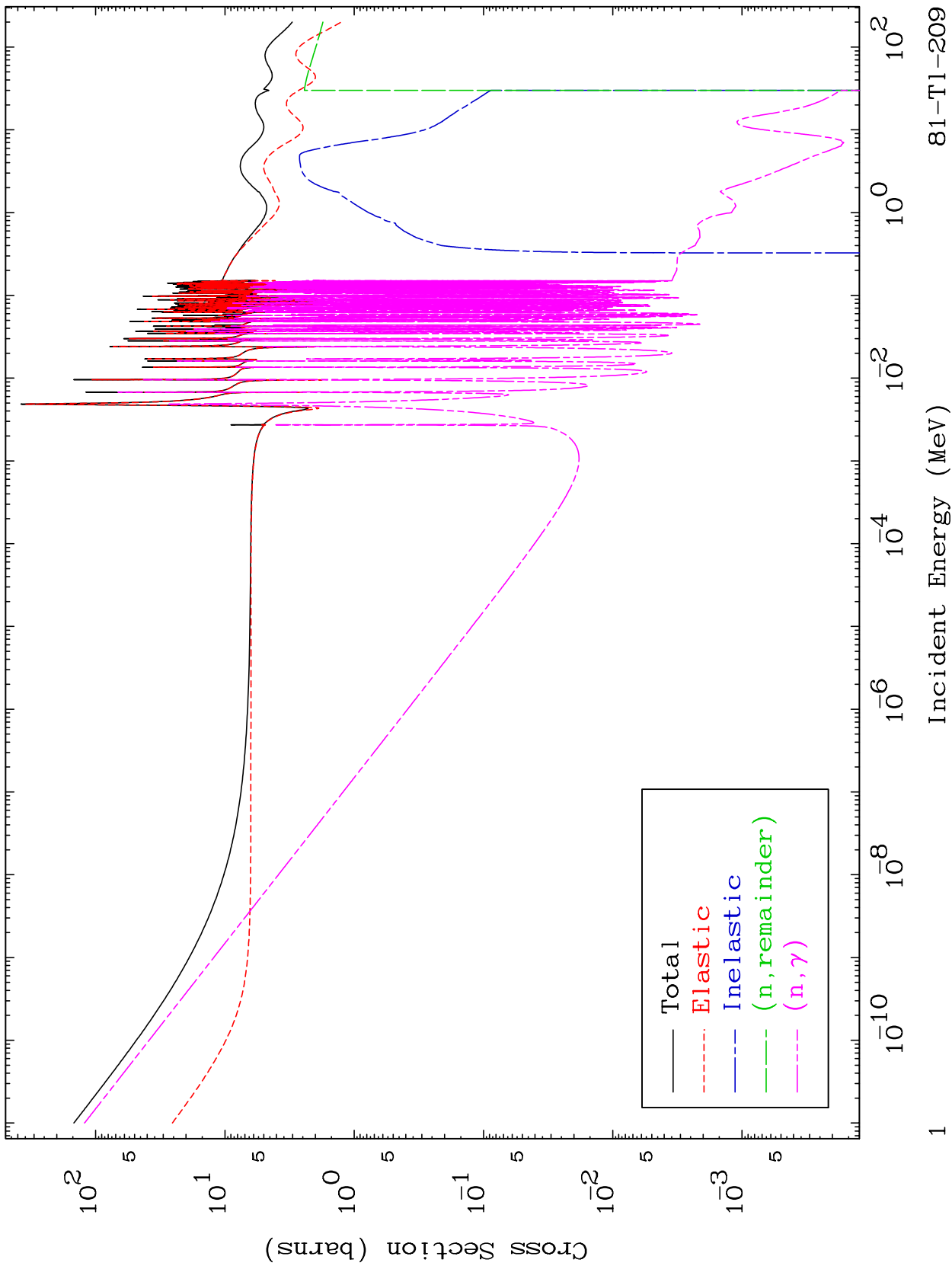
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Press Mouse Button to Start

MAT 8143

Major
293 Kelvin Cross Sections

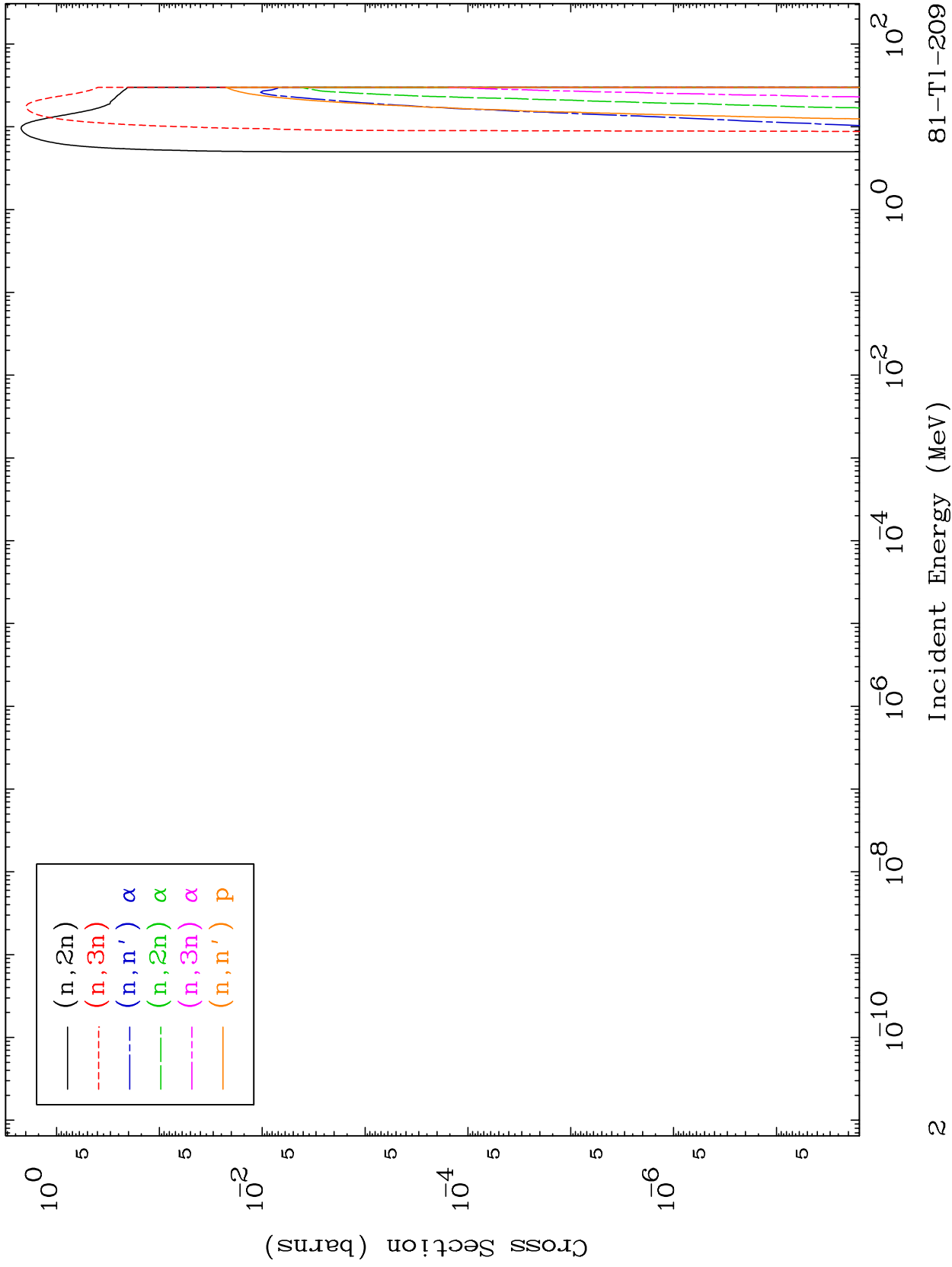
81-Tl-209

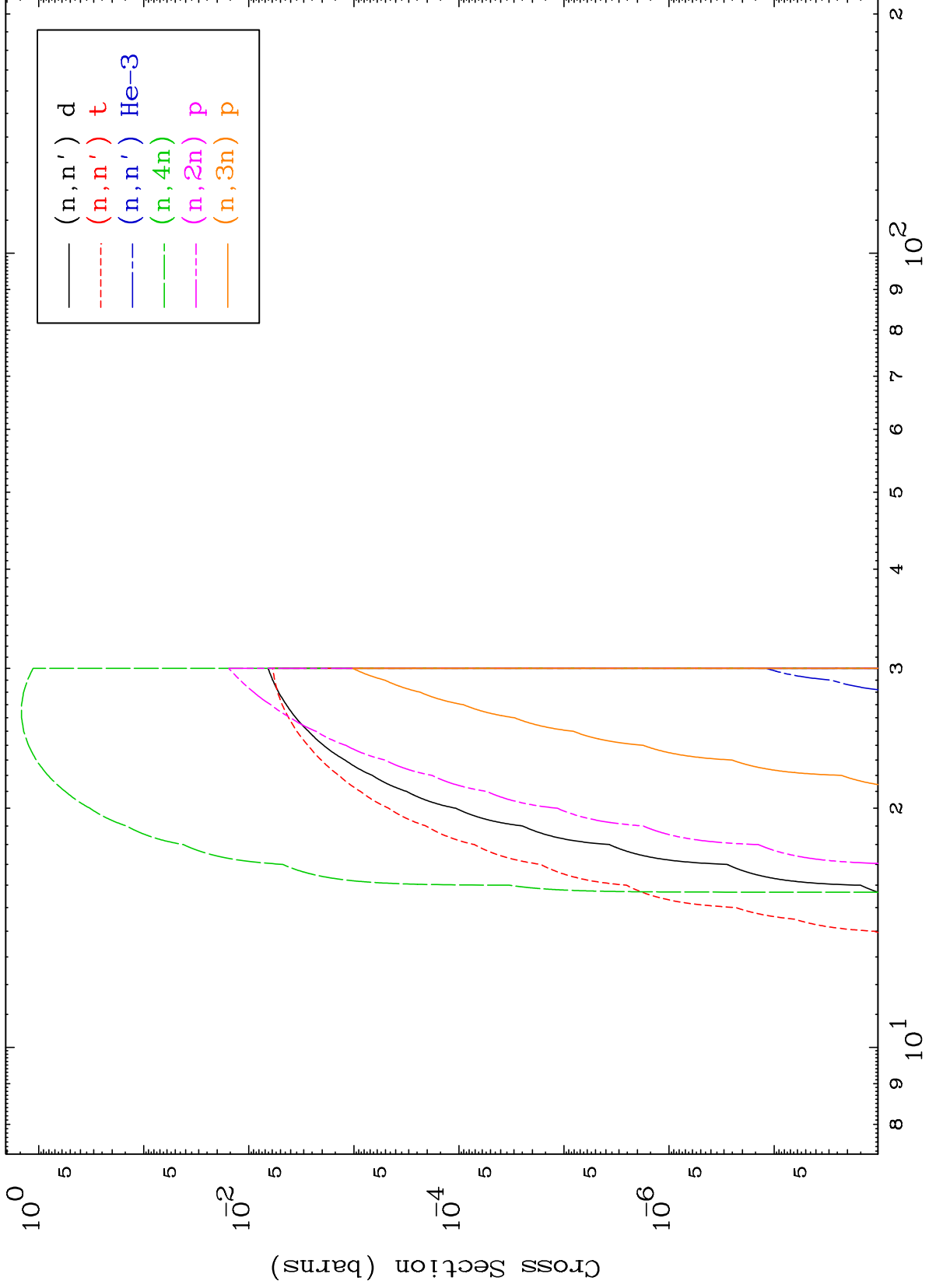


MAT 8143

Neutron Production
293 Kelvin Cross Sections

81-Tl-209

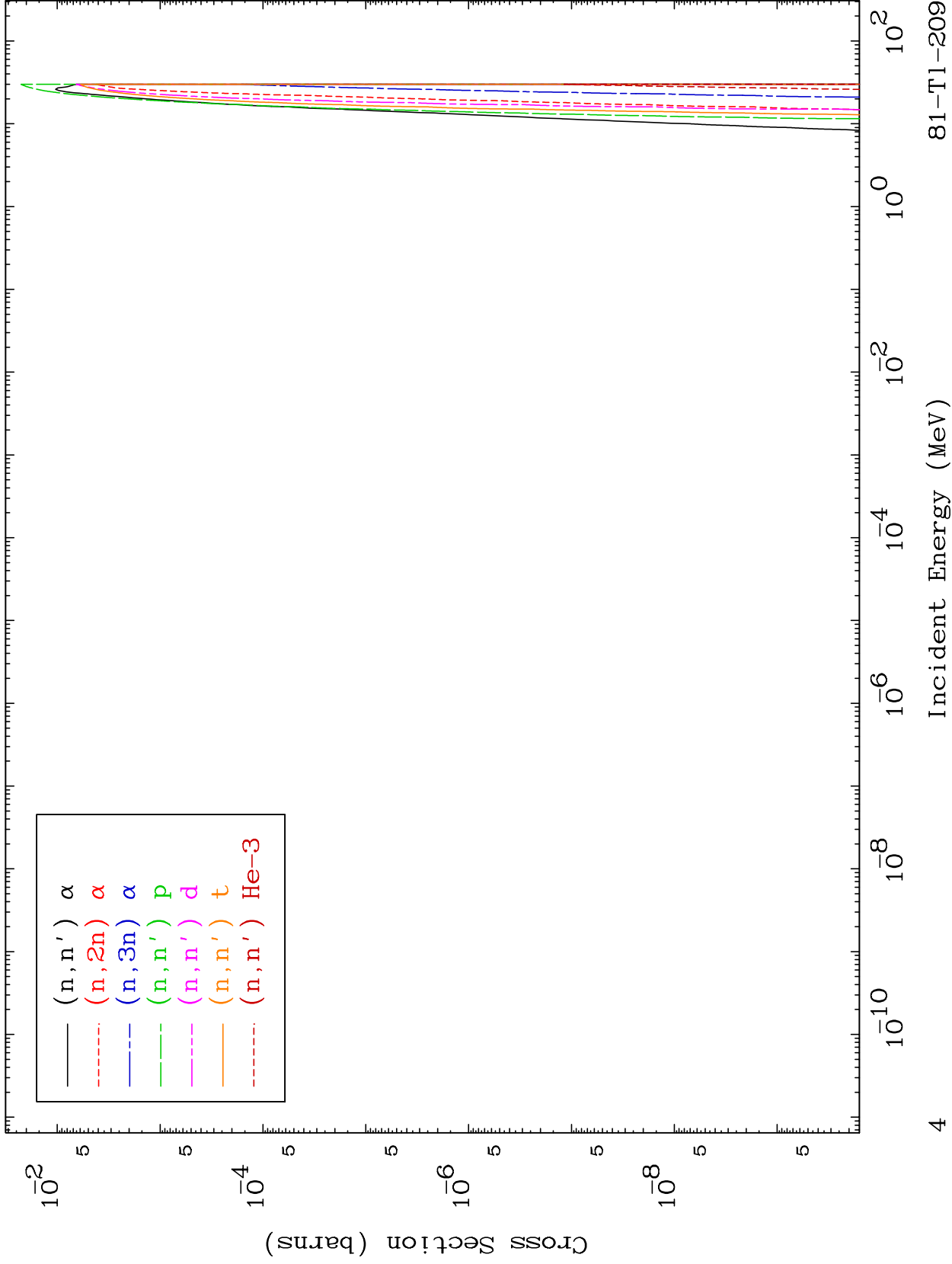




MAT 8143

Charged Particle
293 Kelvin Cross Sections

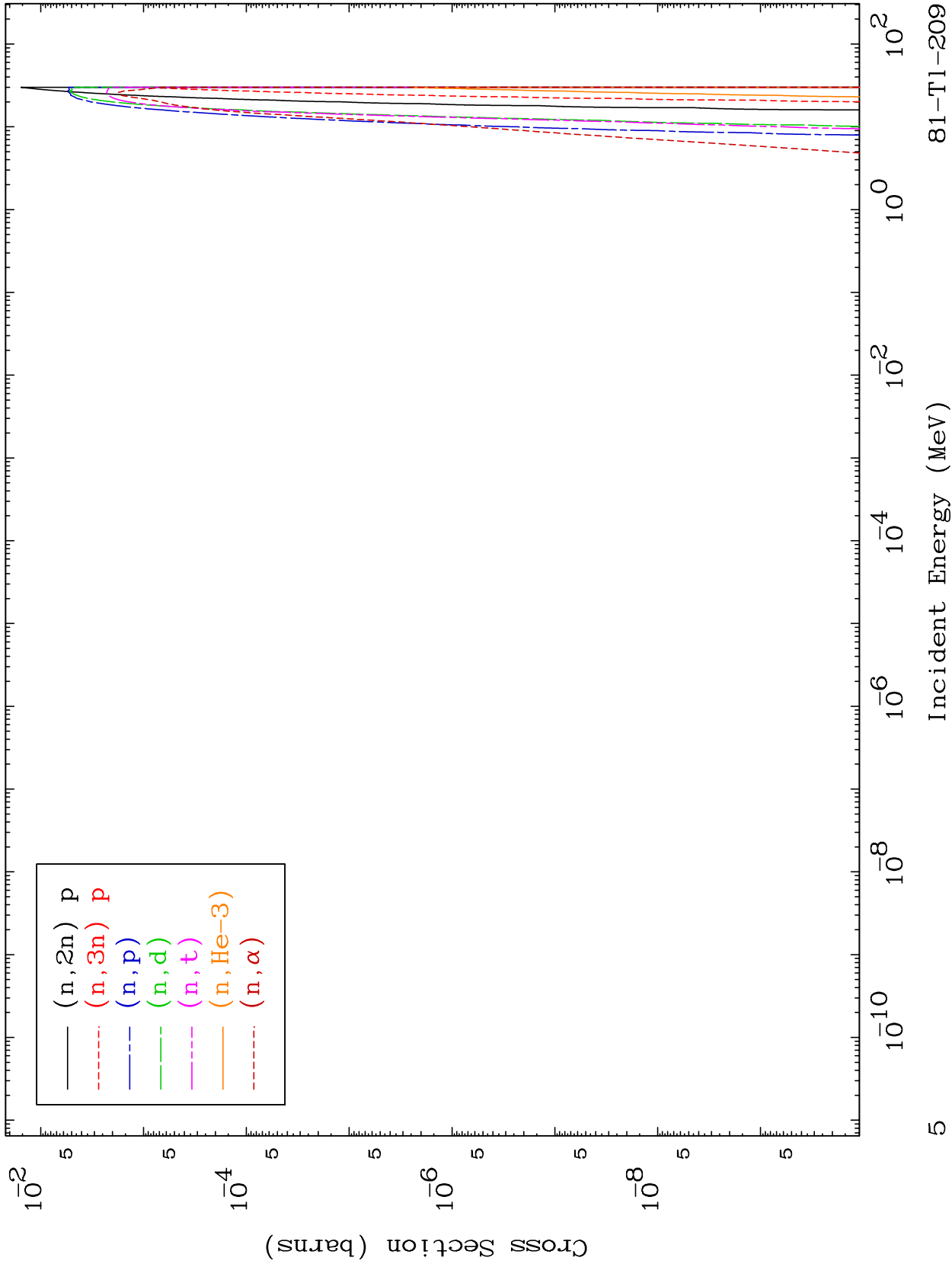
81-Tl-209



MAT 8143

Charged Particle
293 Kelvin Cross Sections

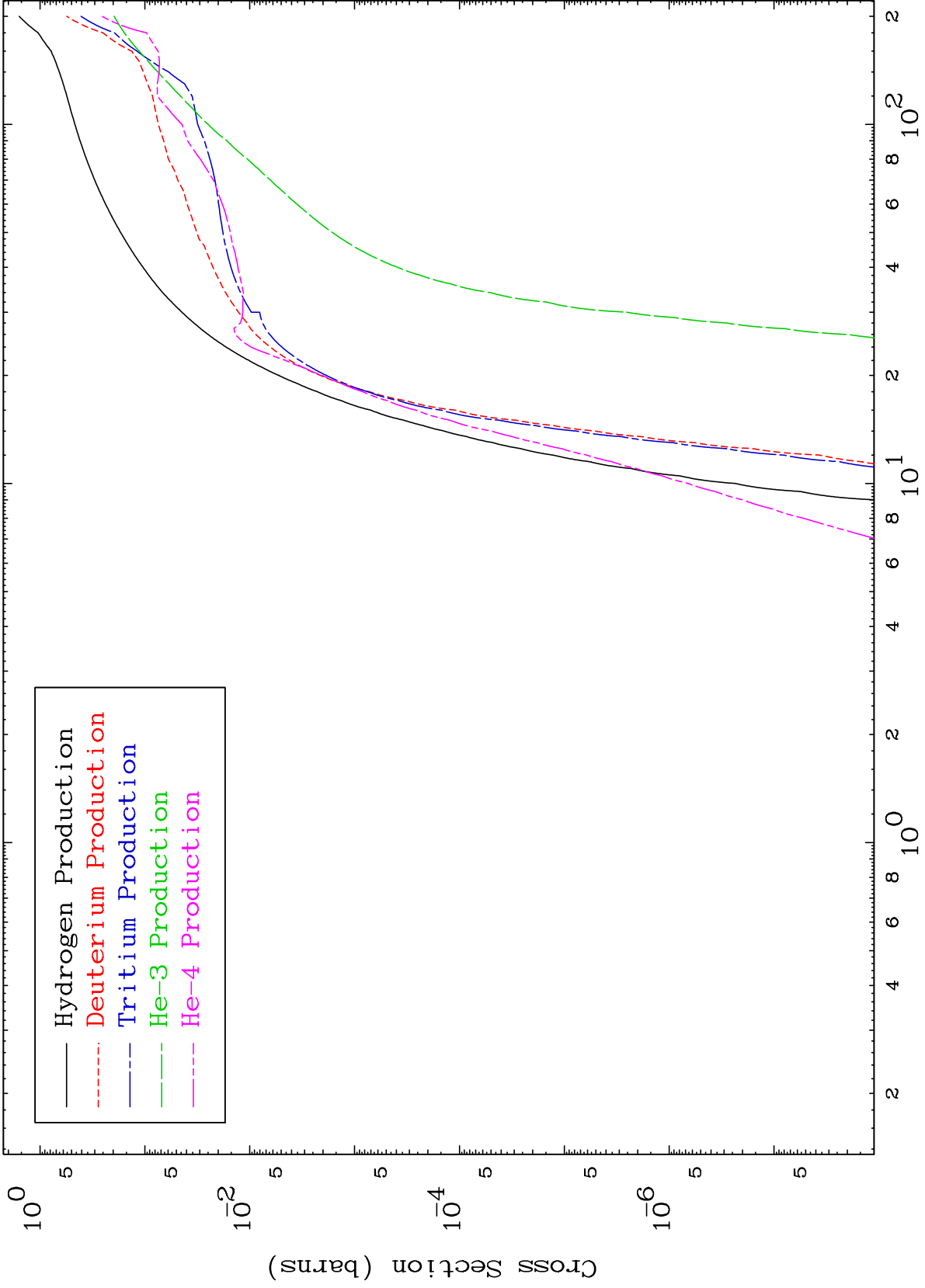
81-Tl-209



MAT 8143

Particle Production
293 Kelvin Cross Sections

81-T1-209



6

Incident Energy (MeV)

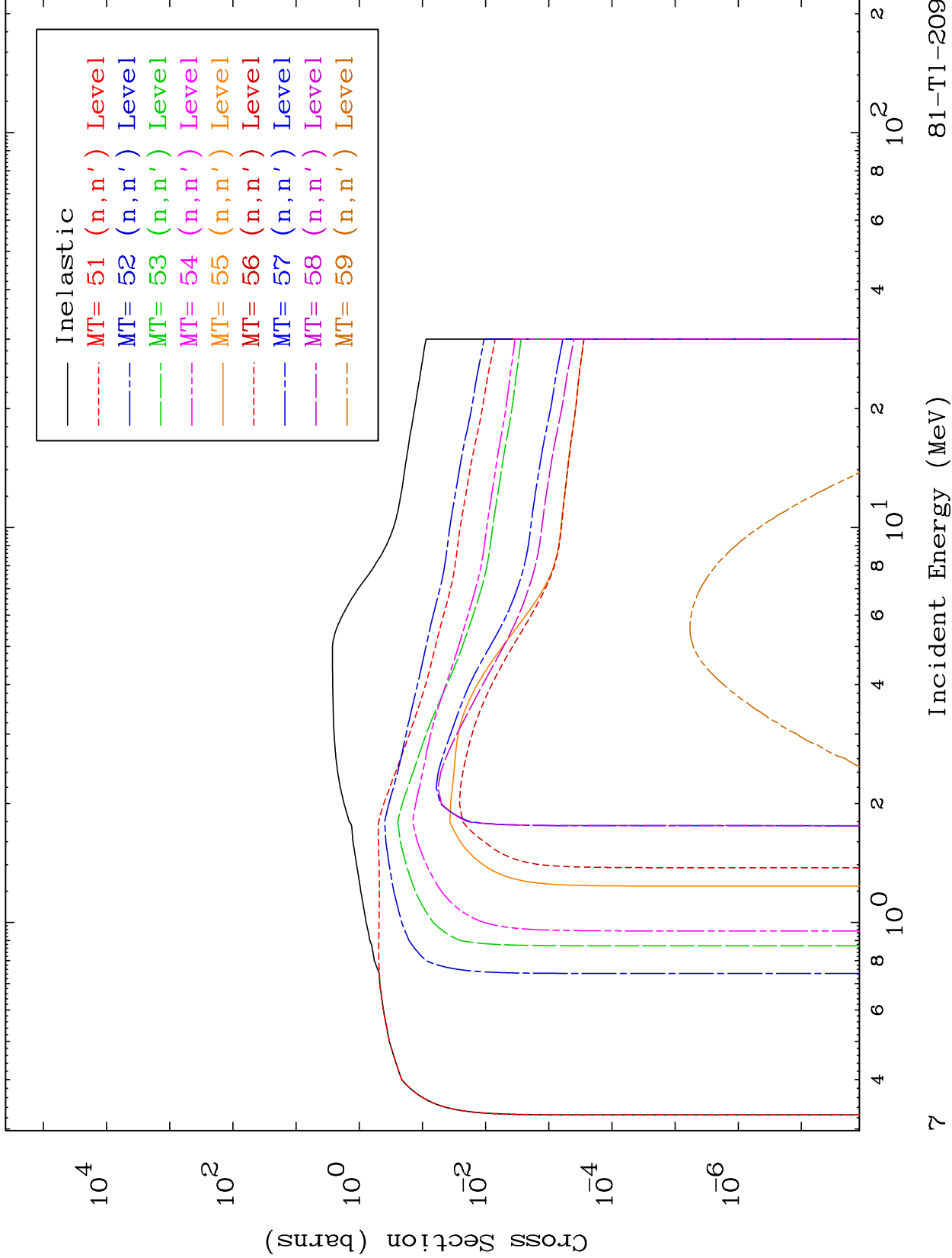
81-T1-209

MAT 8143

(n,n') Level

81-Tl-209

293 Kelvin Cross Sections



7

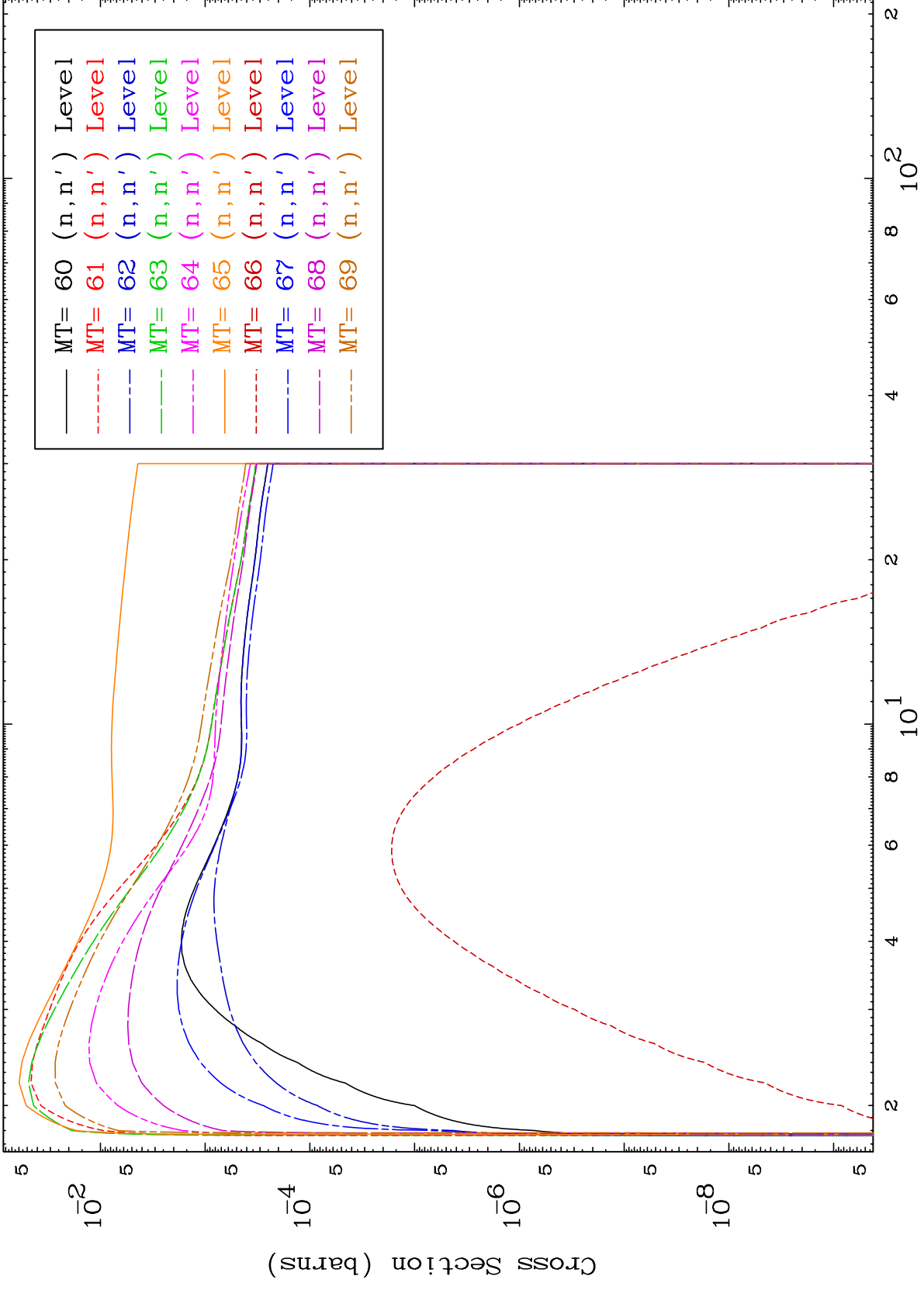
81-Tl-209

MAT 8143

(n,n') Level

81-Tl-209

293 Kelvin Cross Sections



8

Incident Energy (MeV)

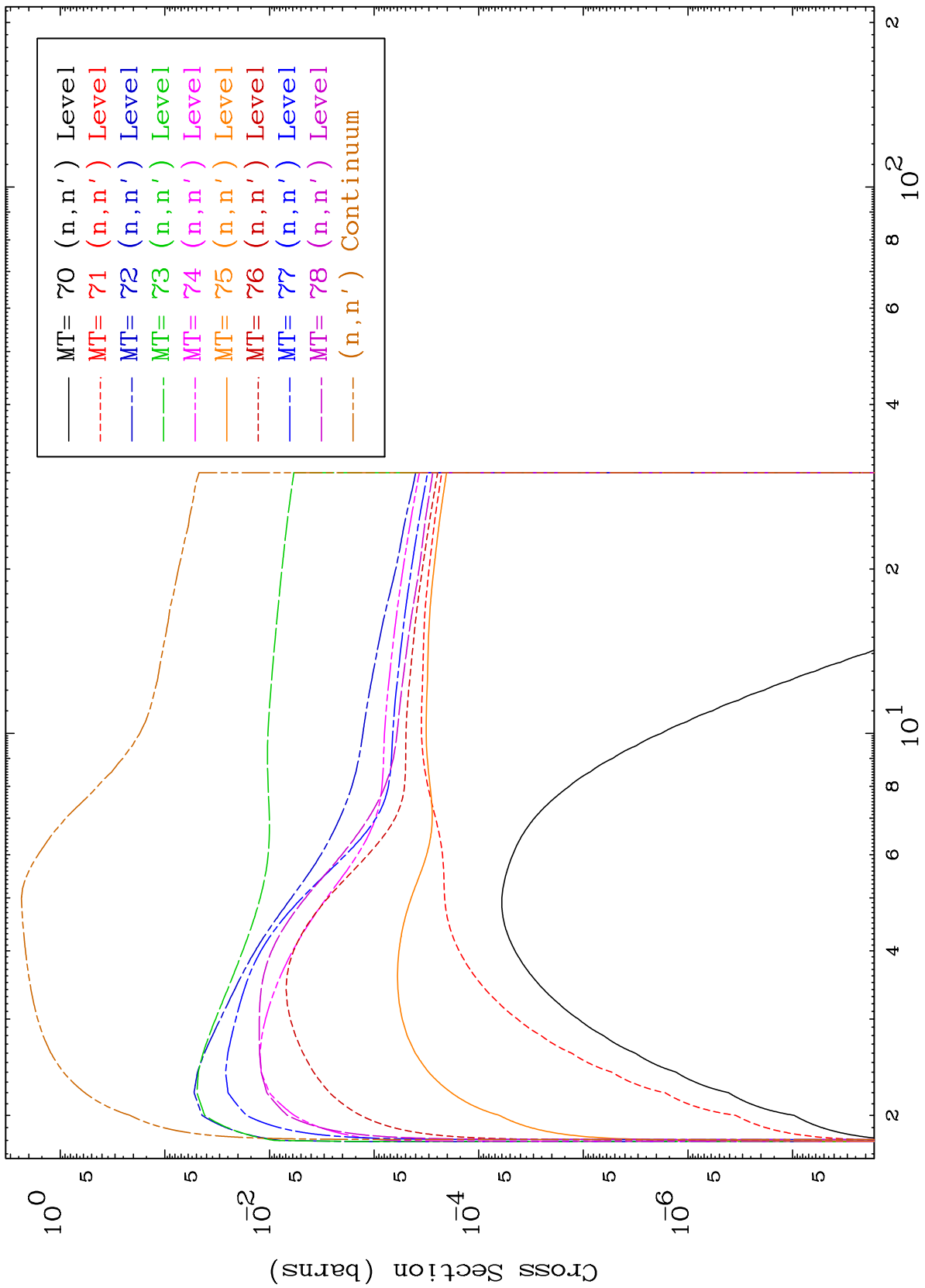
81-Tl-209

MAT 8143

(n,n') Level

81-Tl-209

293 Kelvin Cross Sections



9

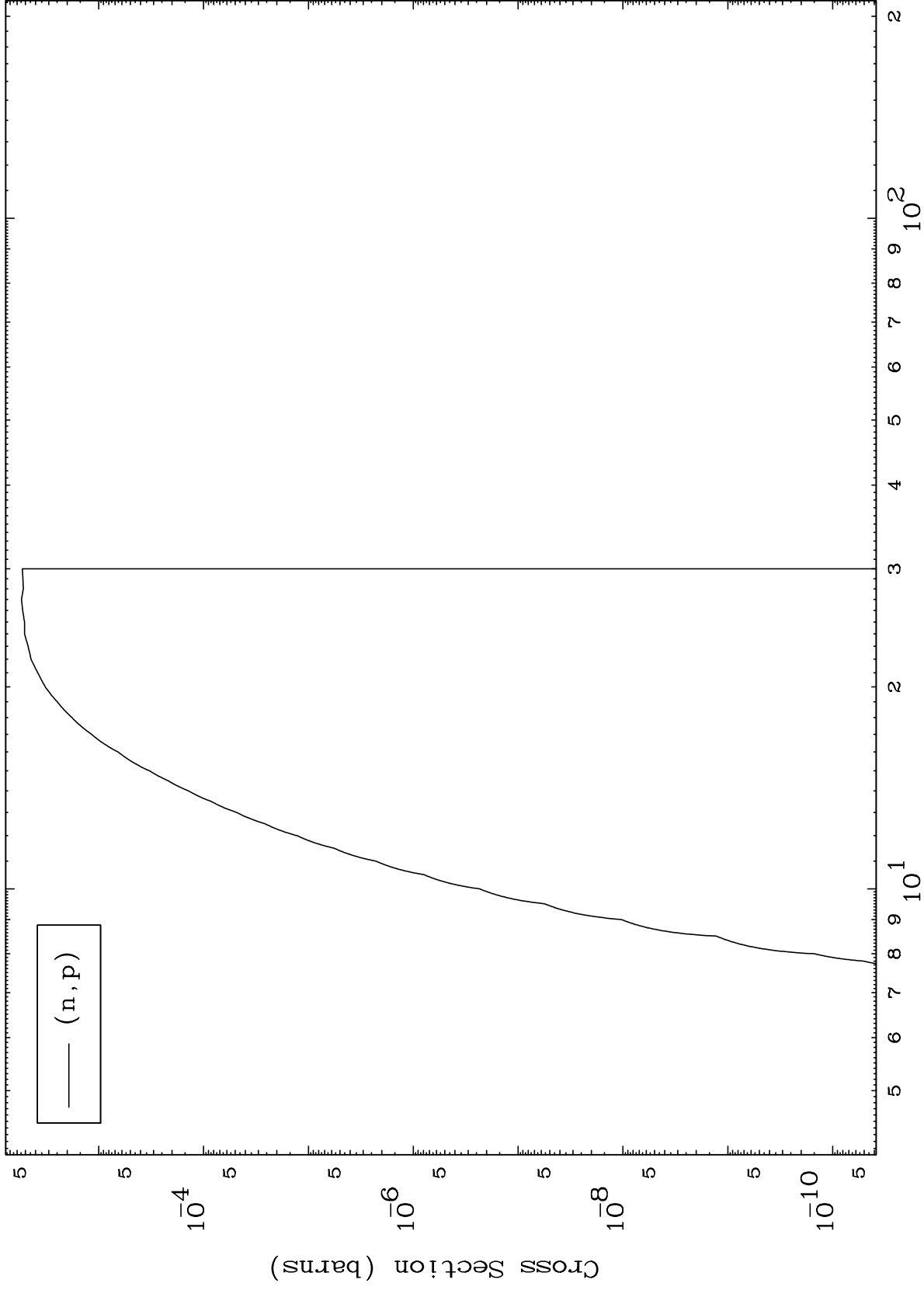
Incident Energy (MeV)

81-Tl-209

MAT 8143

(n,p) Levels
293 Kelvin Cross Sections

81-T1-209



10

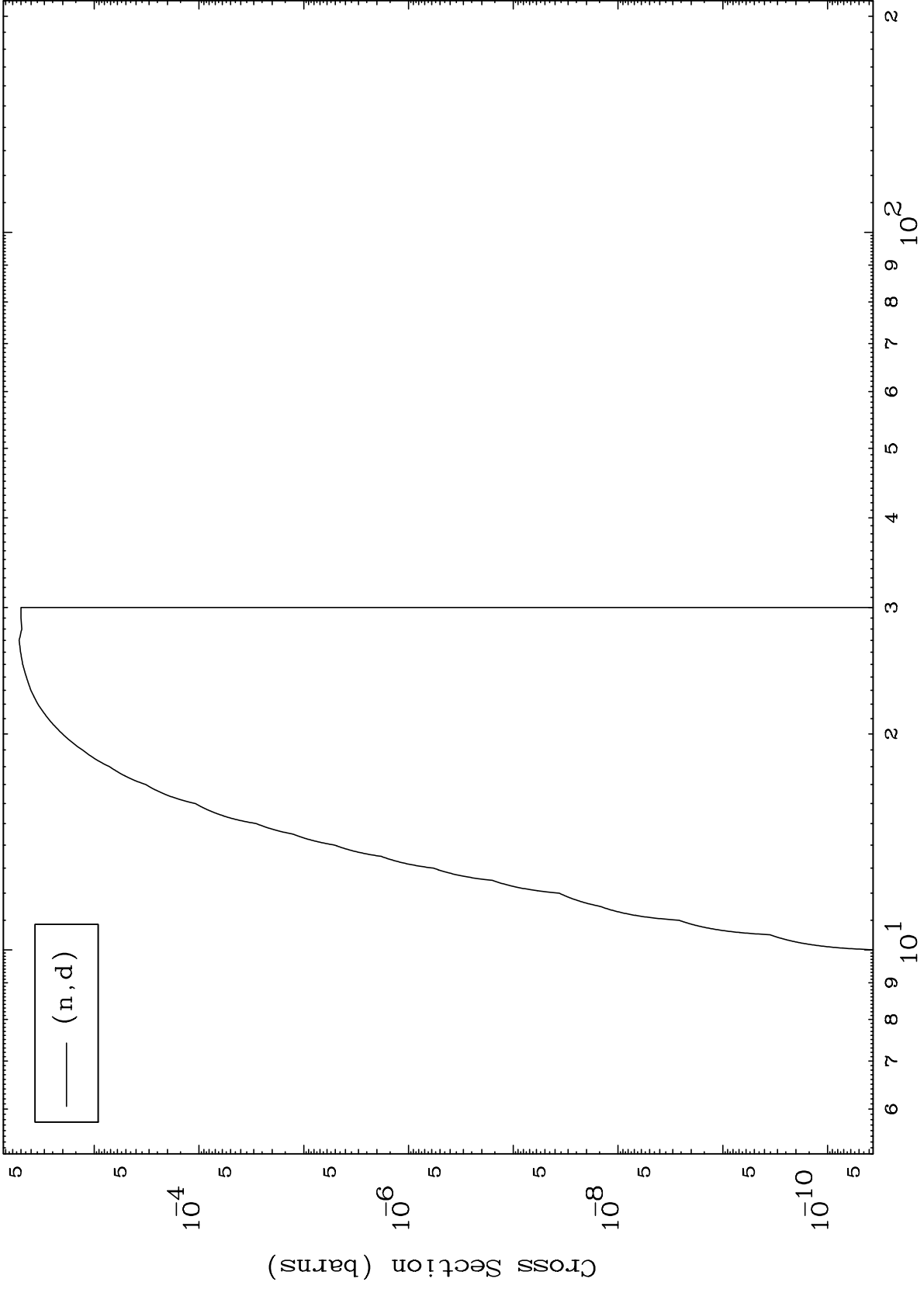
Incident Energy (MeV)

81-T1-209

MAT 8143

(n,d) Levels
293 Kelvin Cross Sections

81-T1-209



11

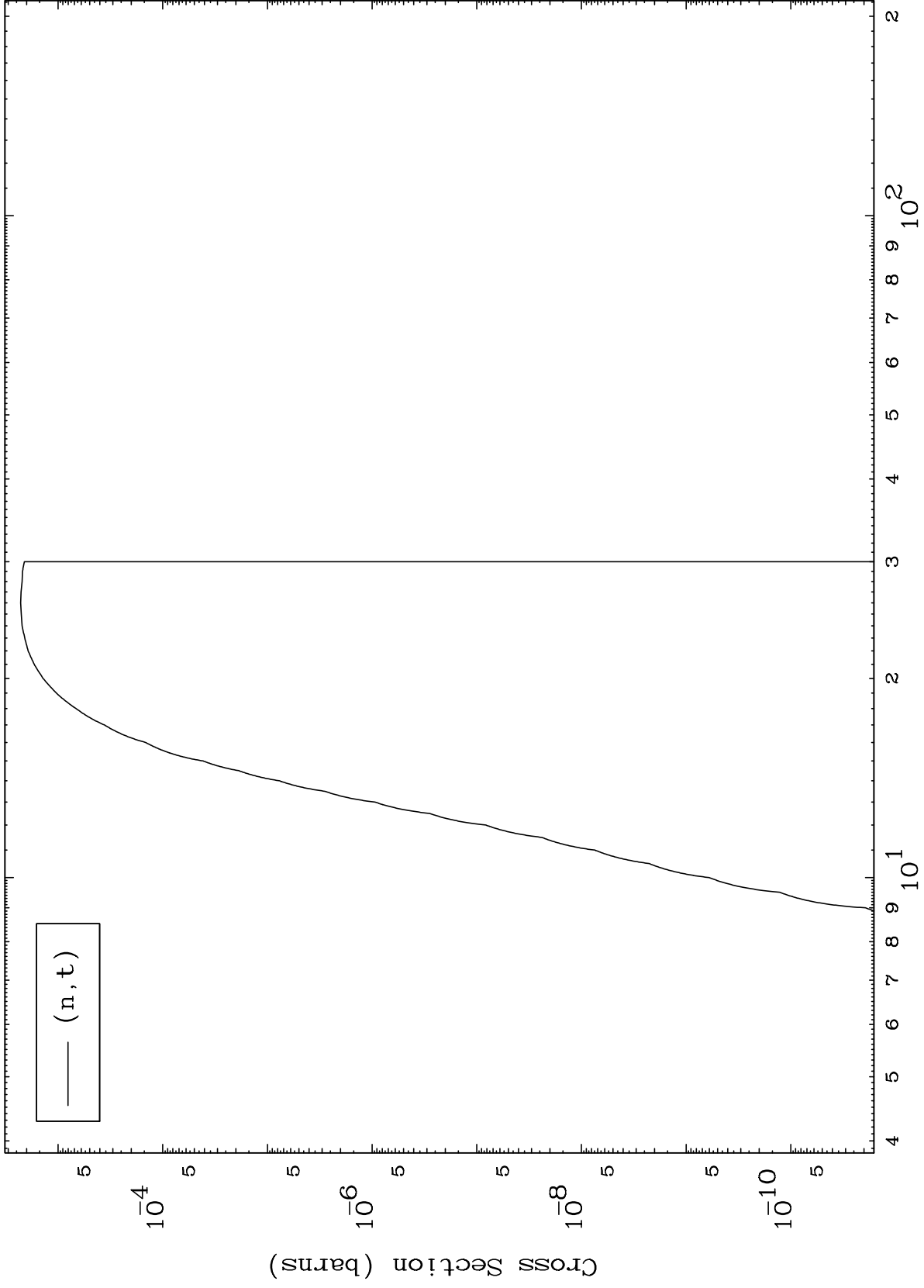
Incident Energy (MeV)

81-T1-209

MAT 8143

(n,t) Levels
293 Kelvin Cross Sections

81-T1-209



12

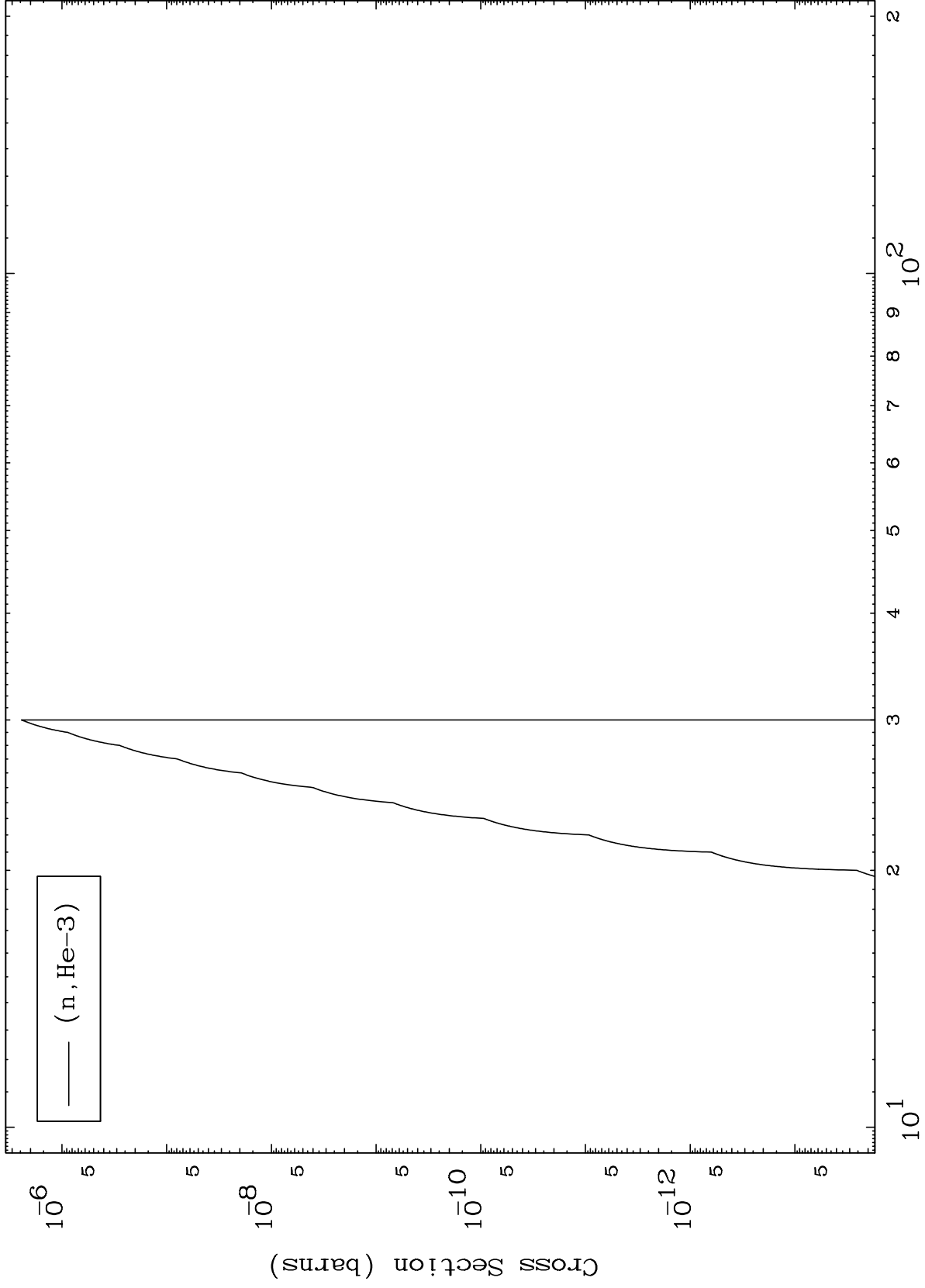
Incident Energy (MeV)

81-T1-209

MAT 8143

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-209



13

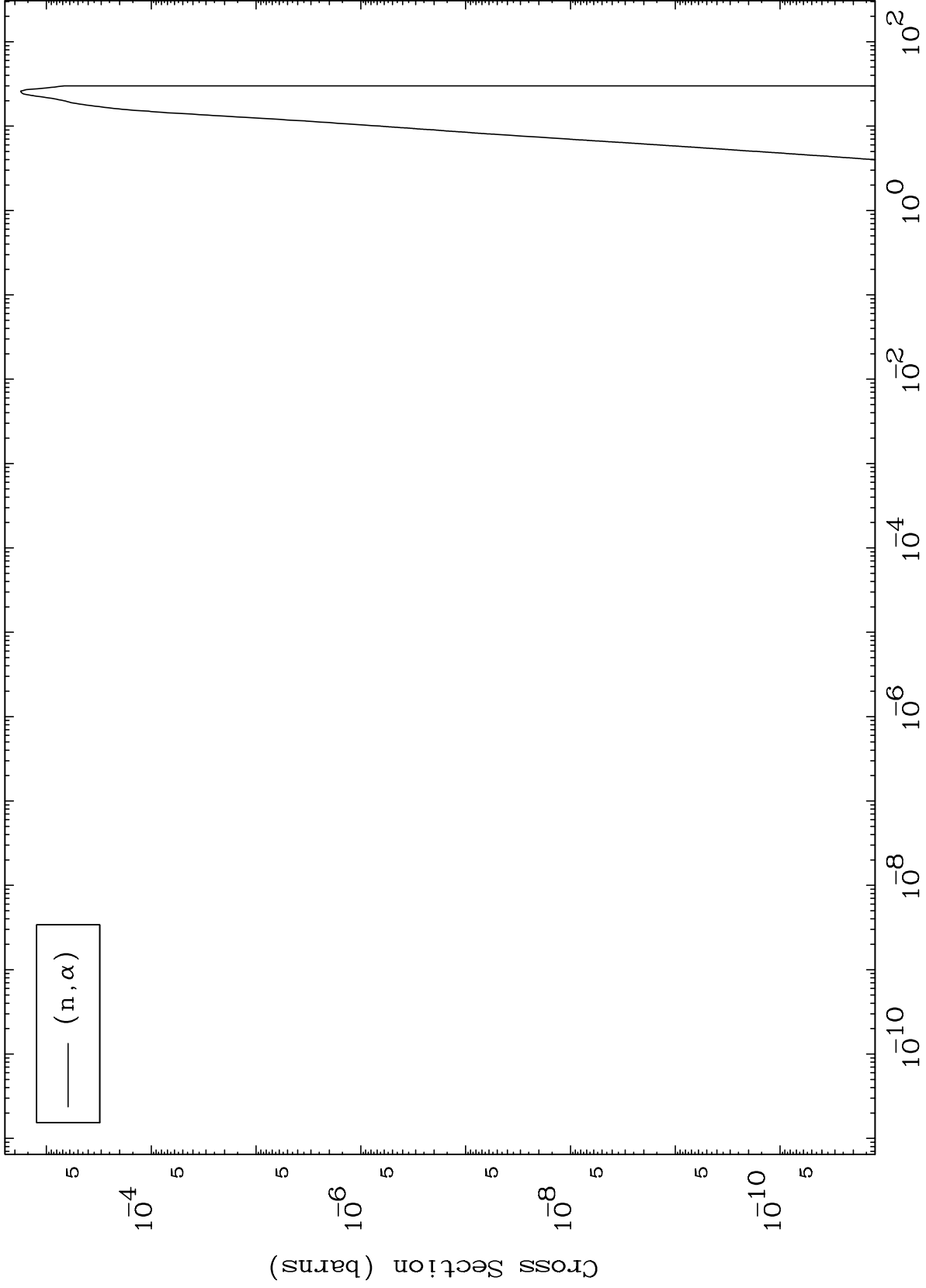
Incident Energy (MeV)

81-T1-209

MAT 8143

(n, α) Levels
293 Kelvin Cross Sections

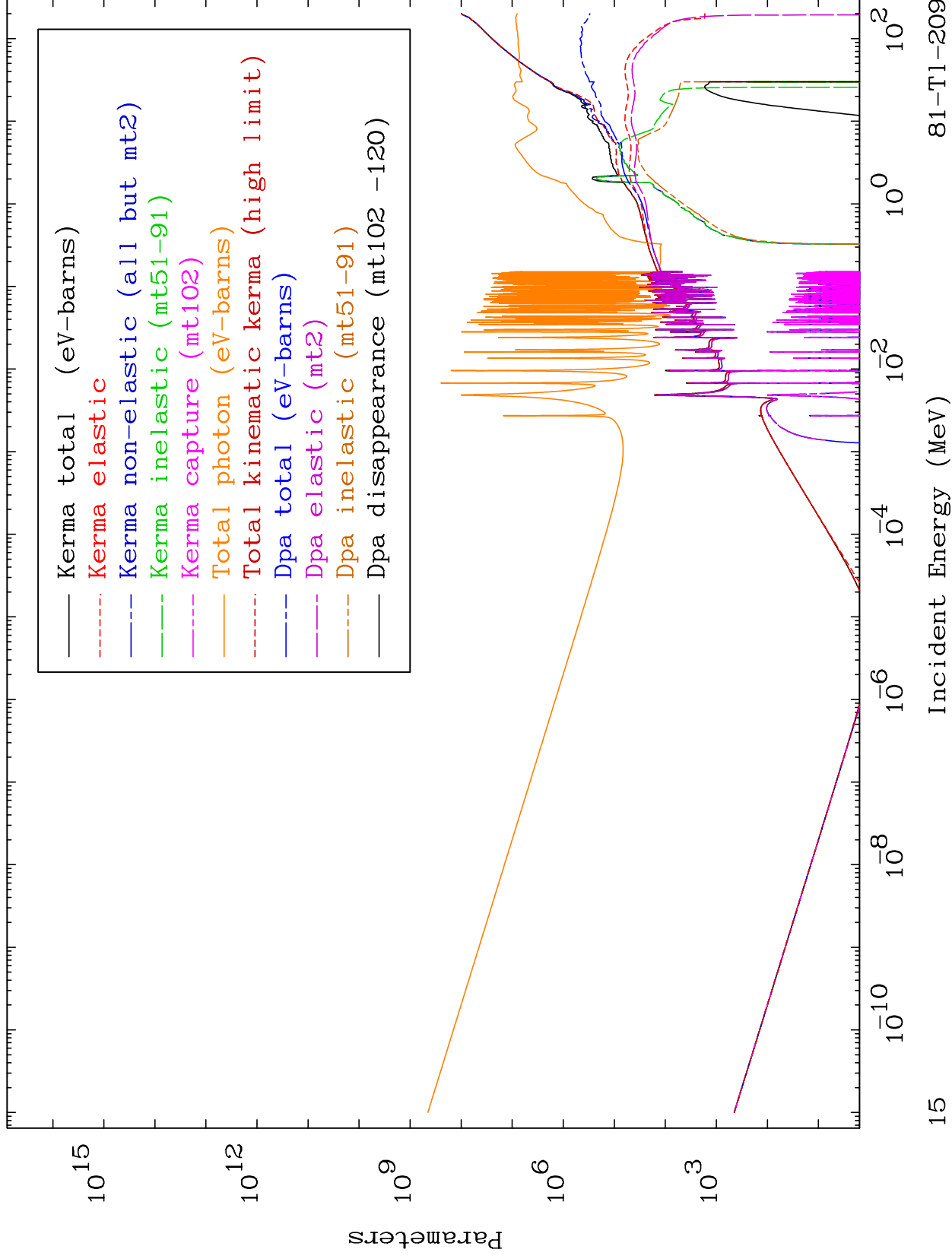
81-Tl-209



14

Incident Energy (MeV)

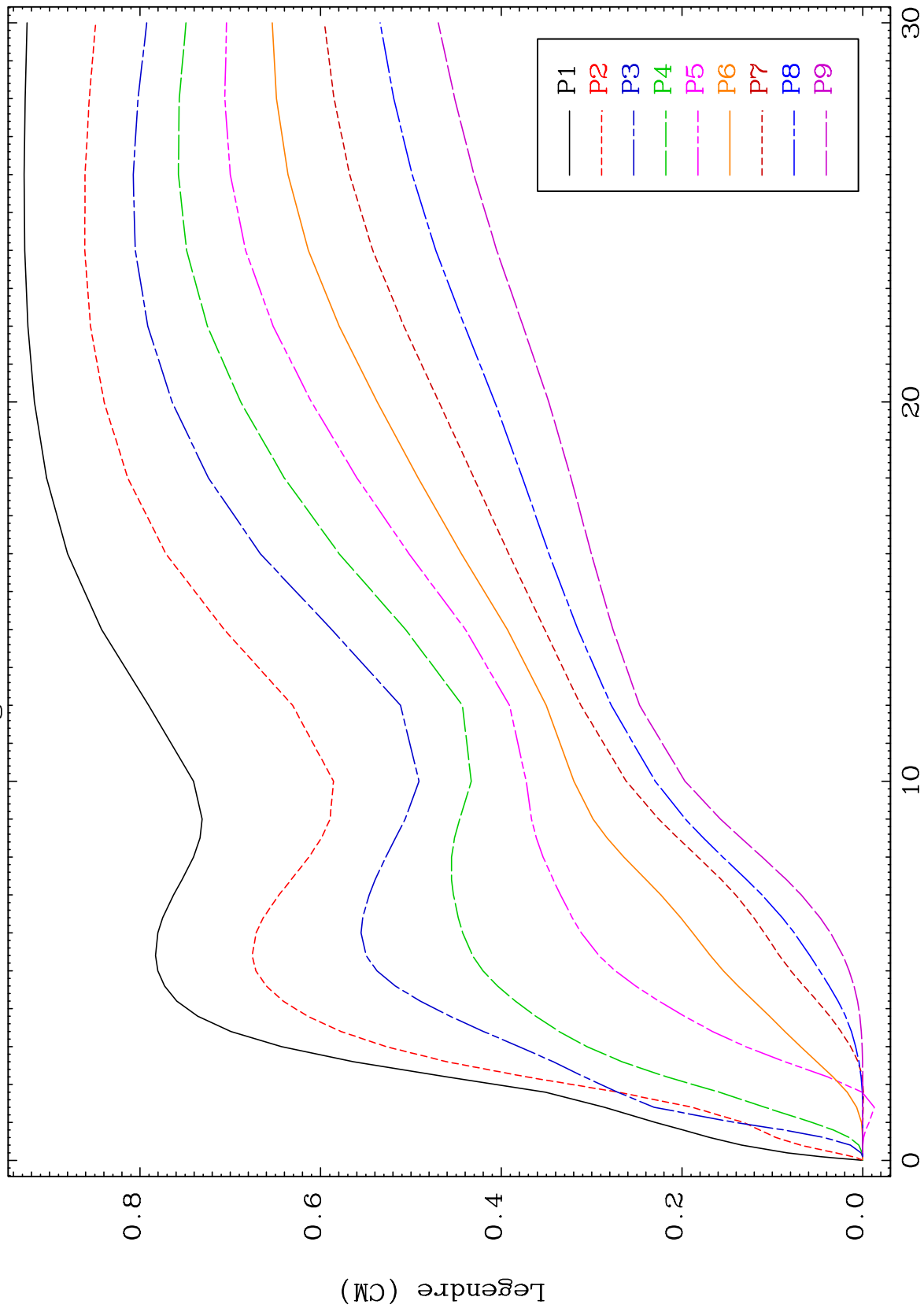
81-Tl-209



MAT 8143

Elastic Legendre Coefficients

81-T1-209



16

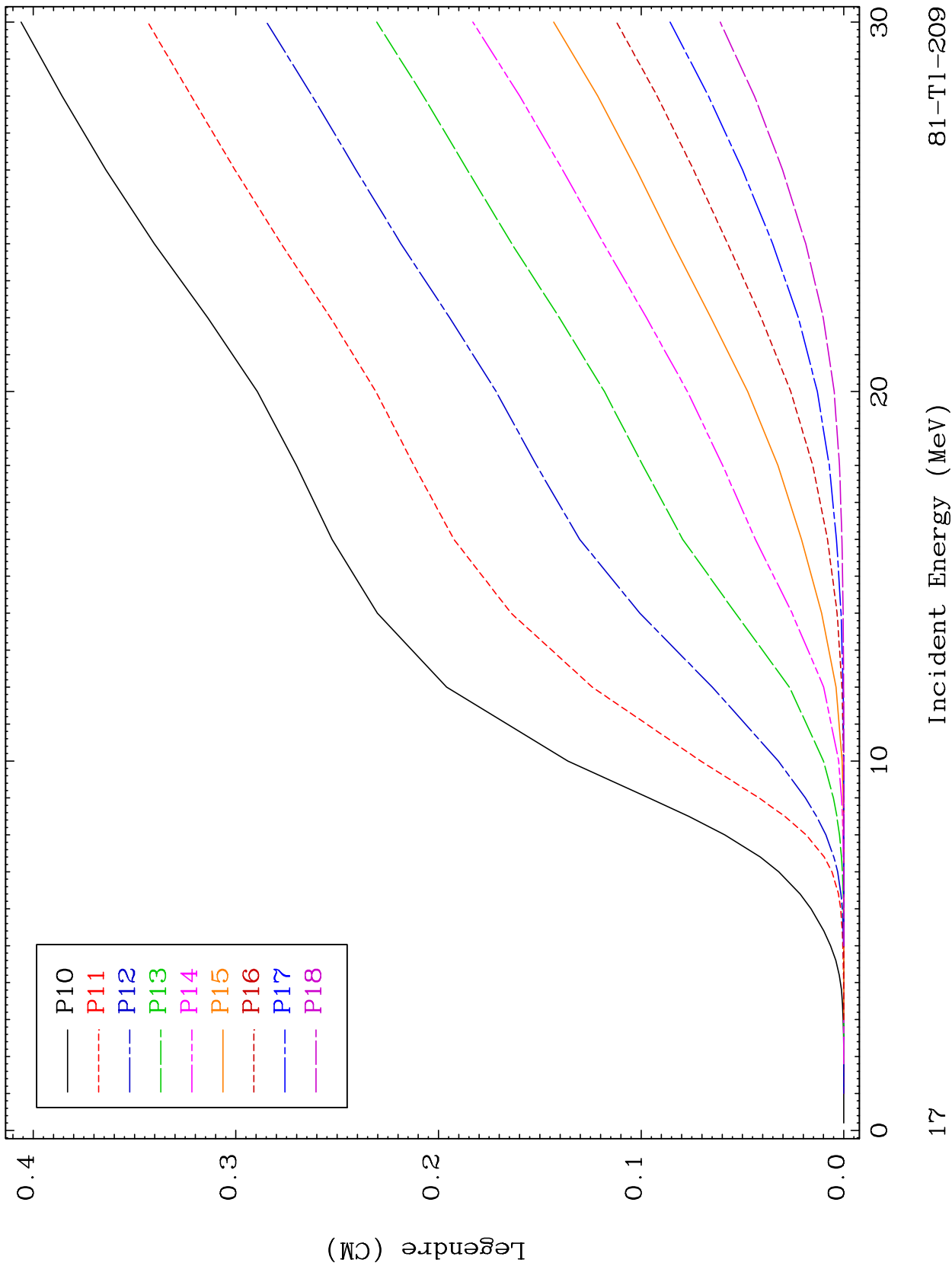
Incident Energy (MeV)

81-T1-209

MAT 8143

Elastic Legendre Coefficients

81-T1-209



17

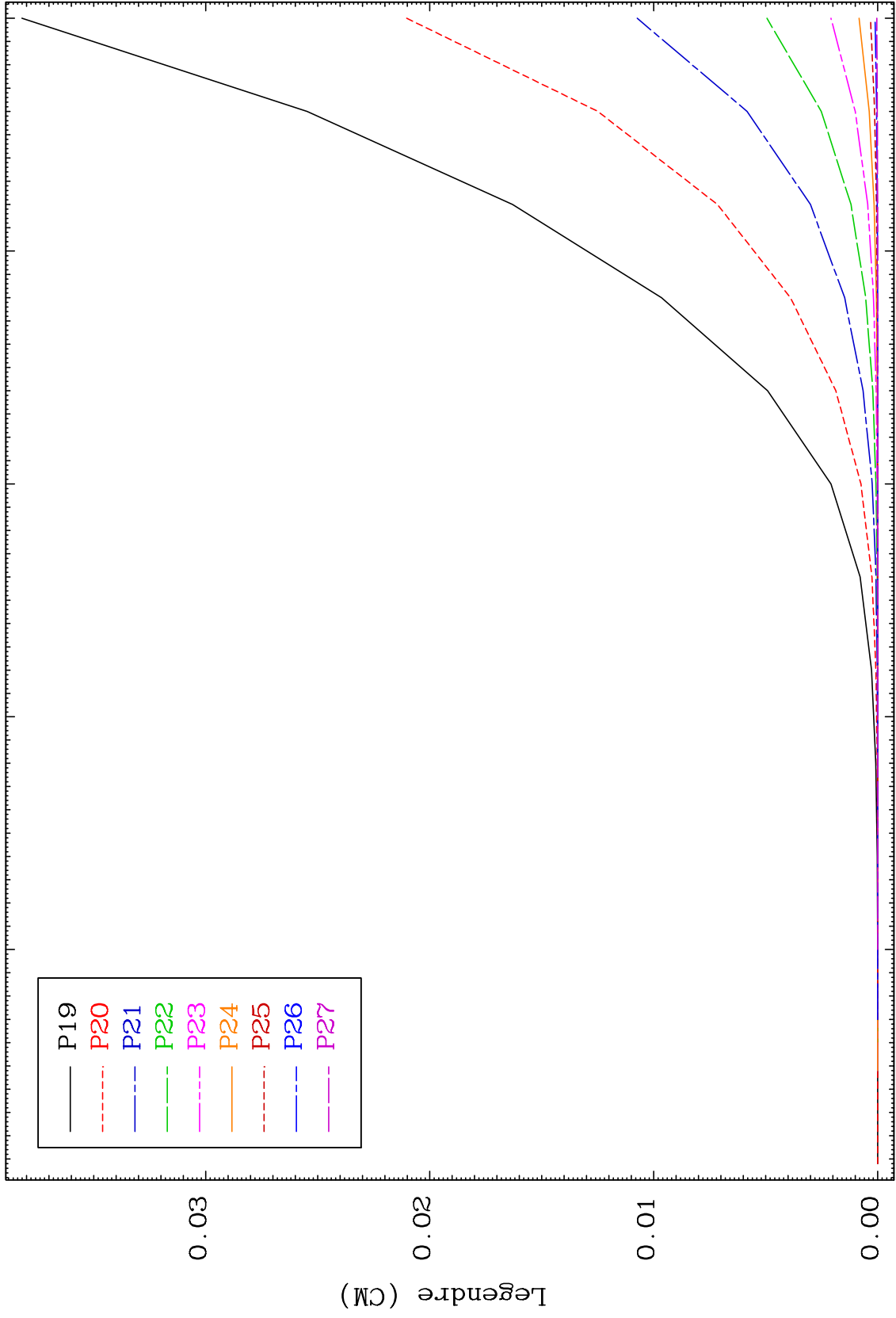
Incident Energy (MeV)

81-T1-209

MAT 8143

Elastic Legendre Coefficients

81-T1-209



18

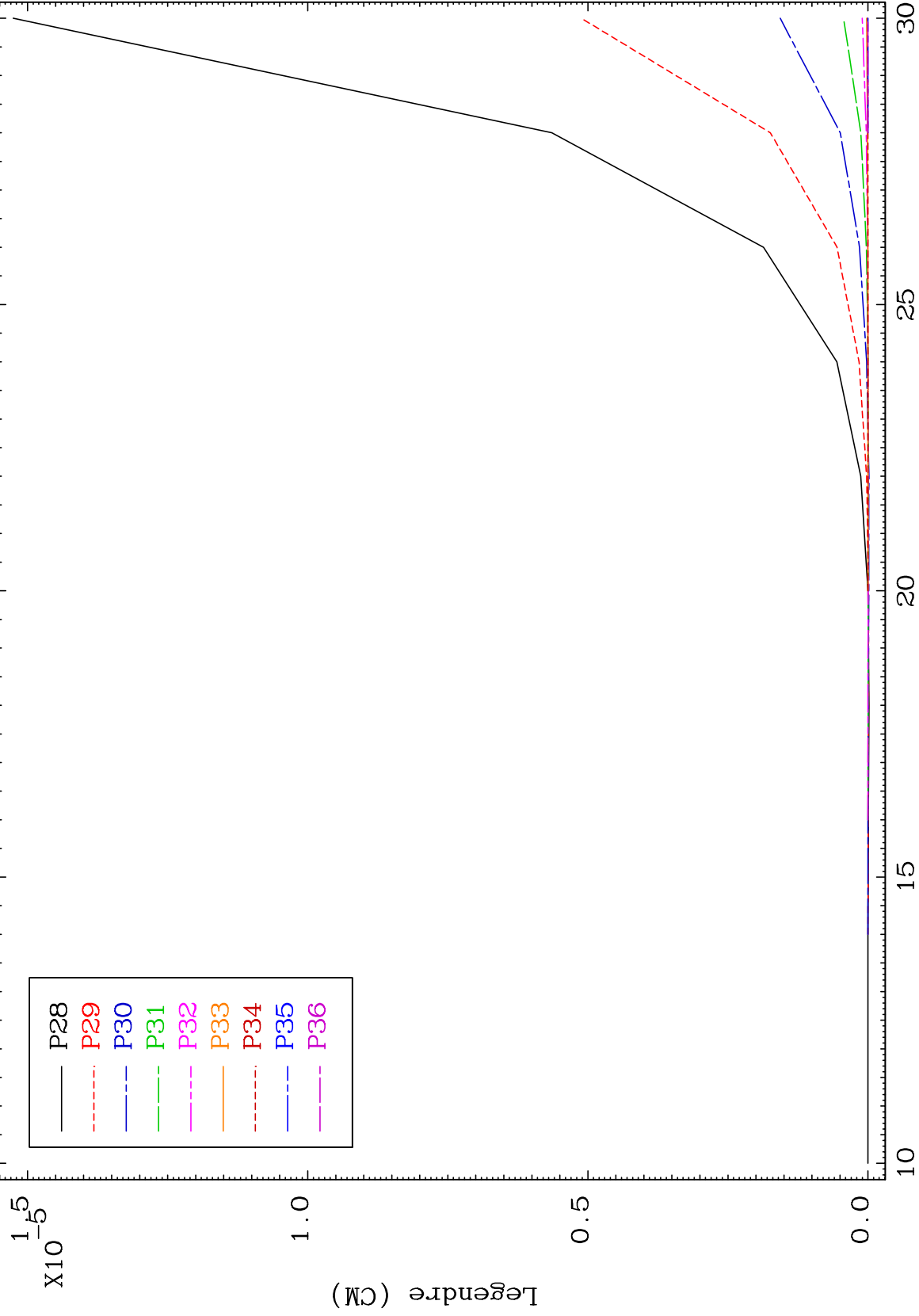
Incident Energy (MeV)

81-T1-209

MAT 8143

Elastic Legendre Coefficients

81-T1-209



19

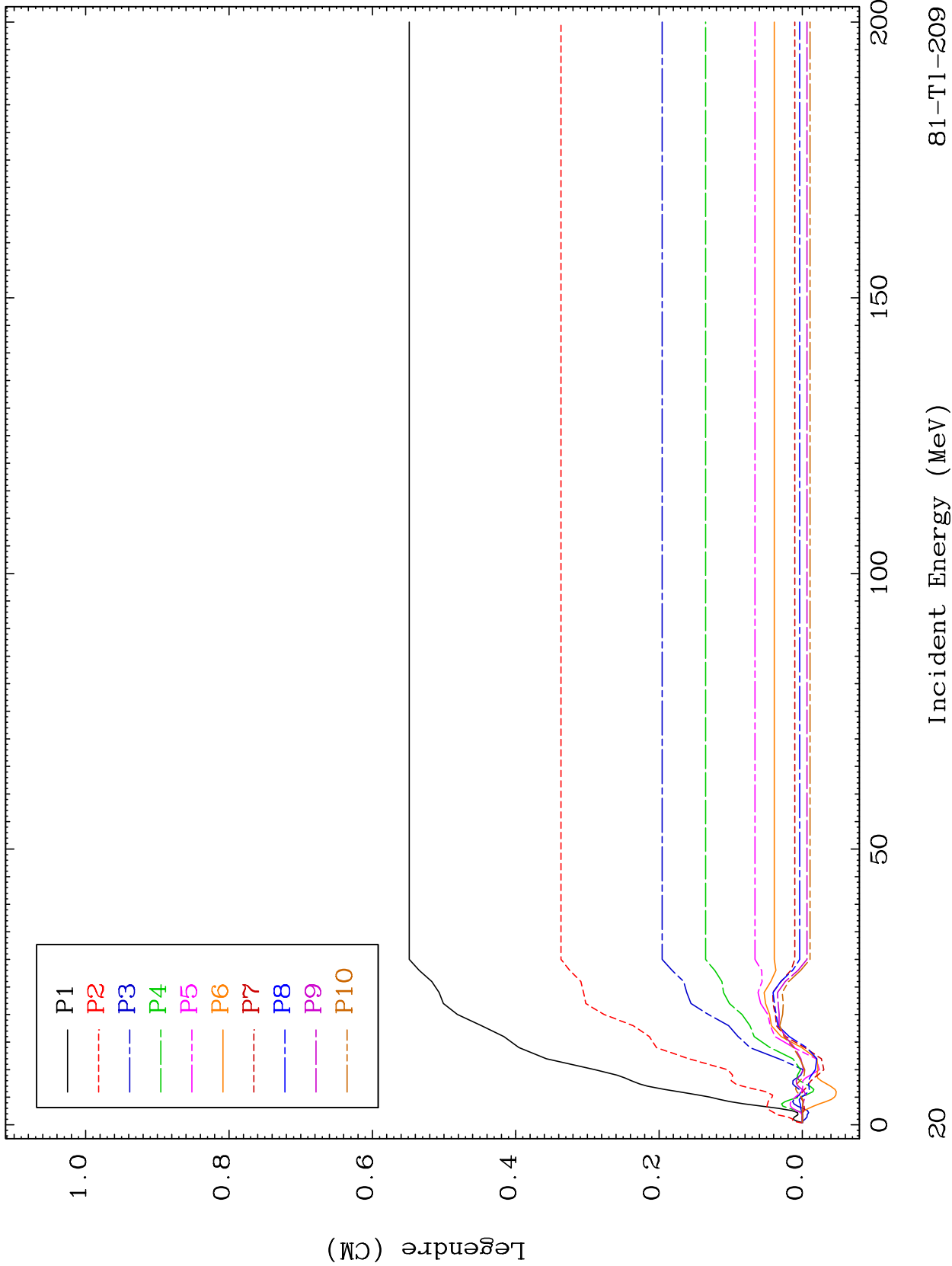
Incident Energy (MeV)

81-T1-209

MAT 8143

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

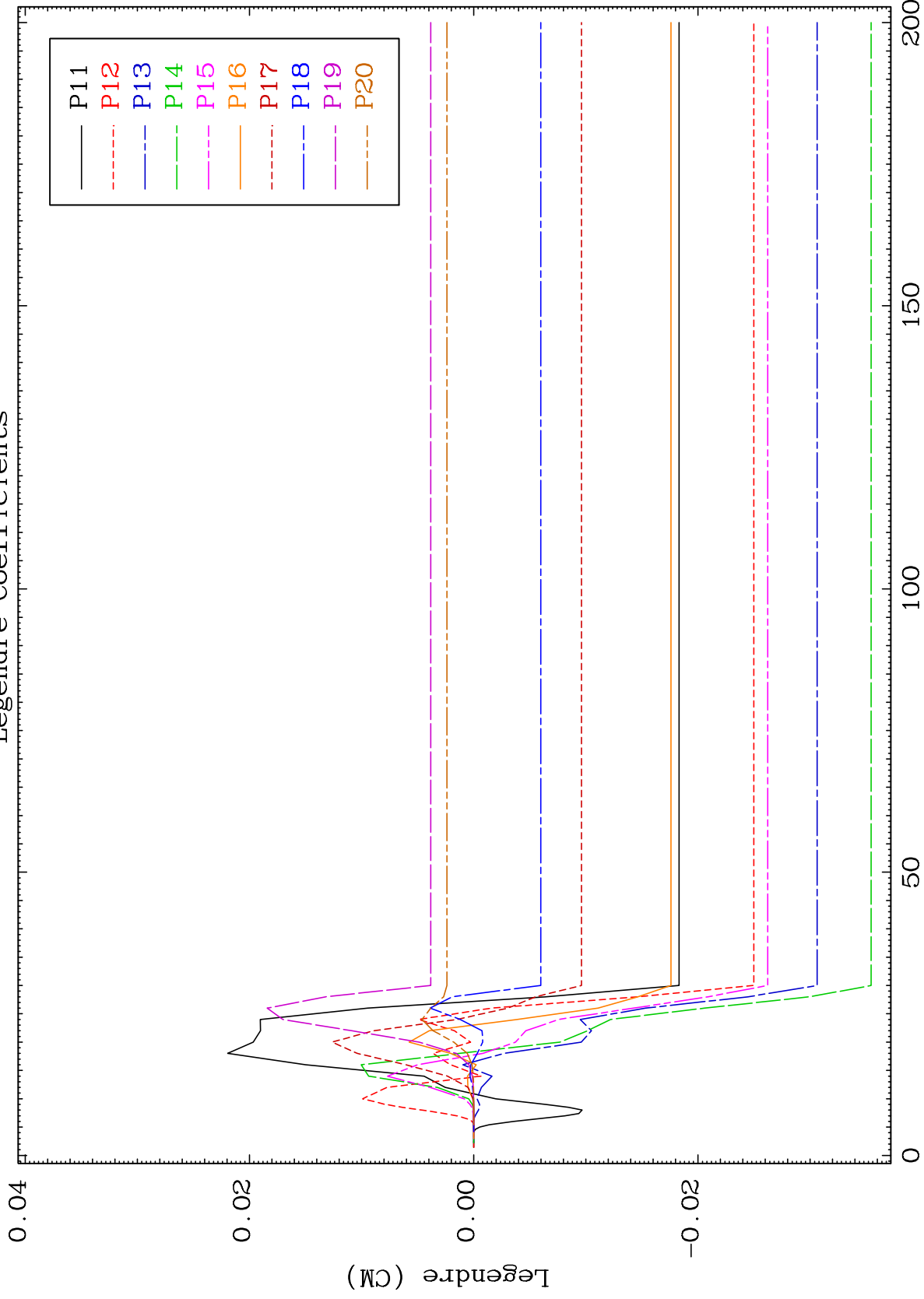
81-T1-209



MAT 8143

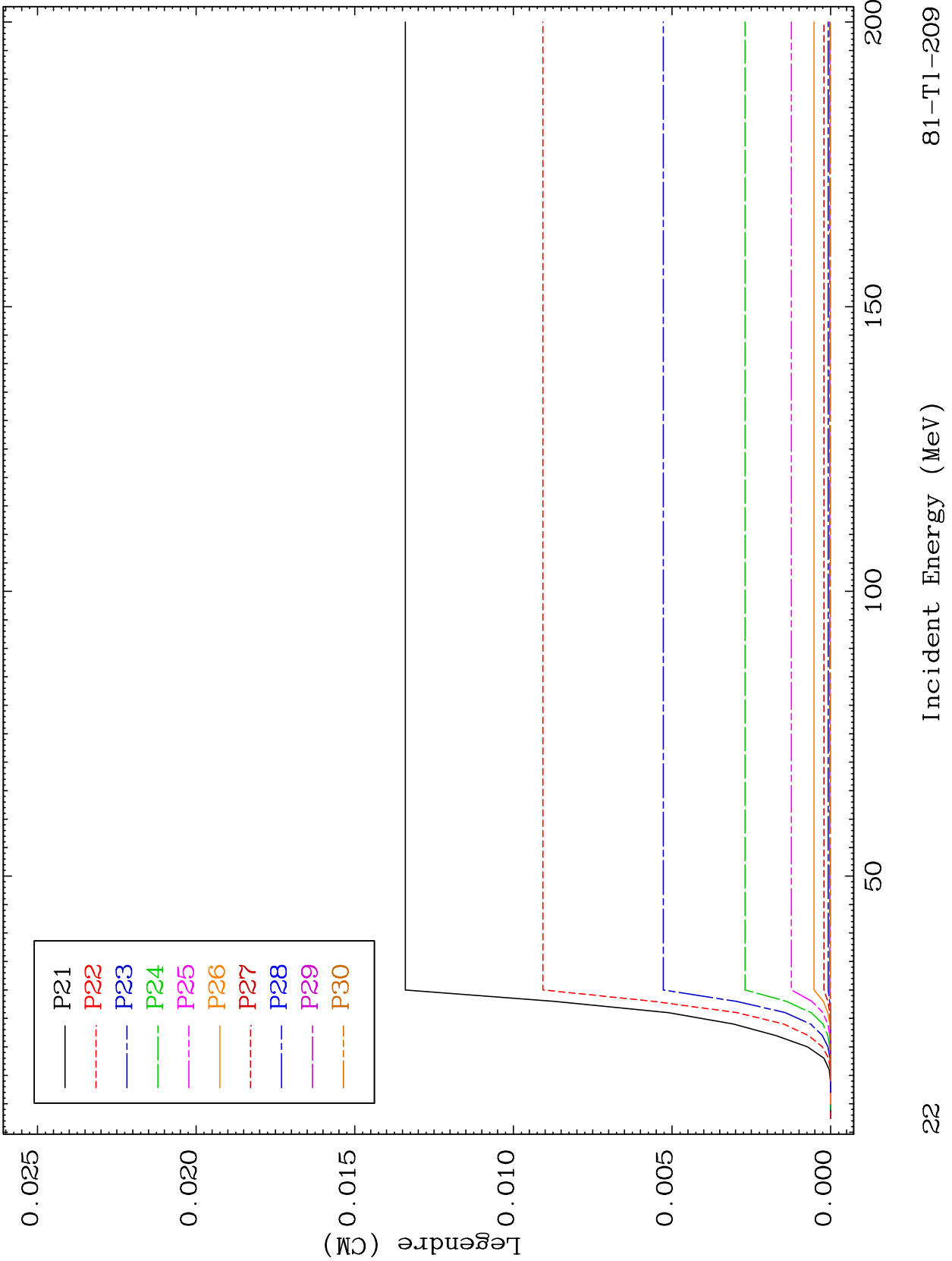
MT= 51 (n,n') Level
Legendre Coefficients

81-T1-209



21

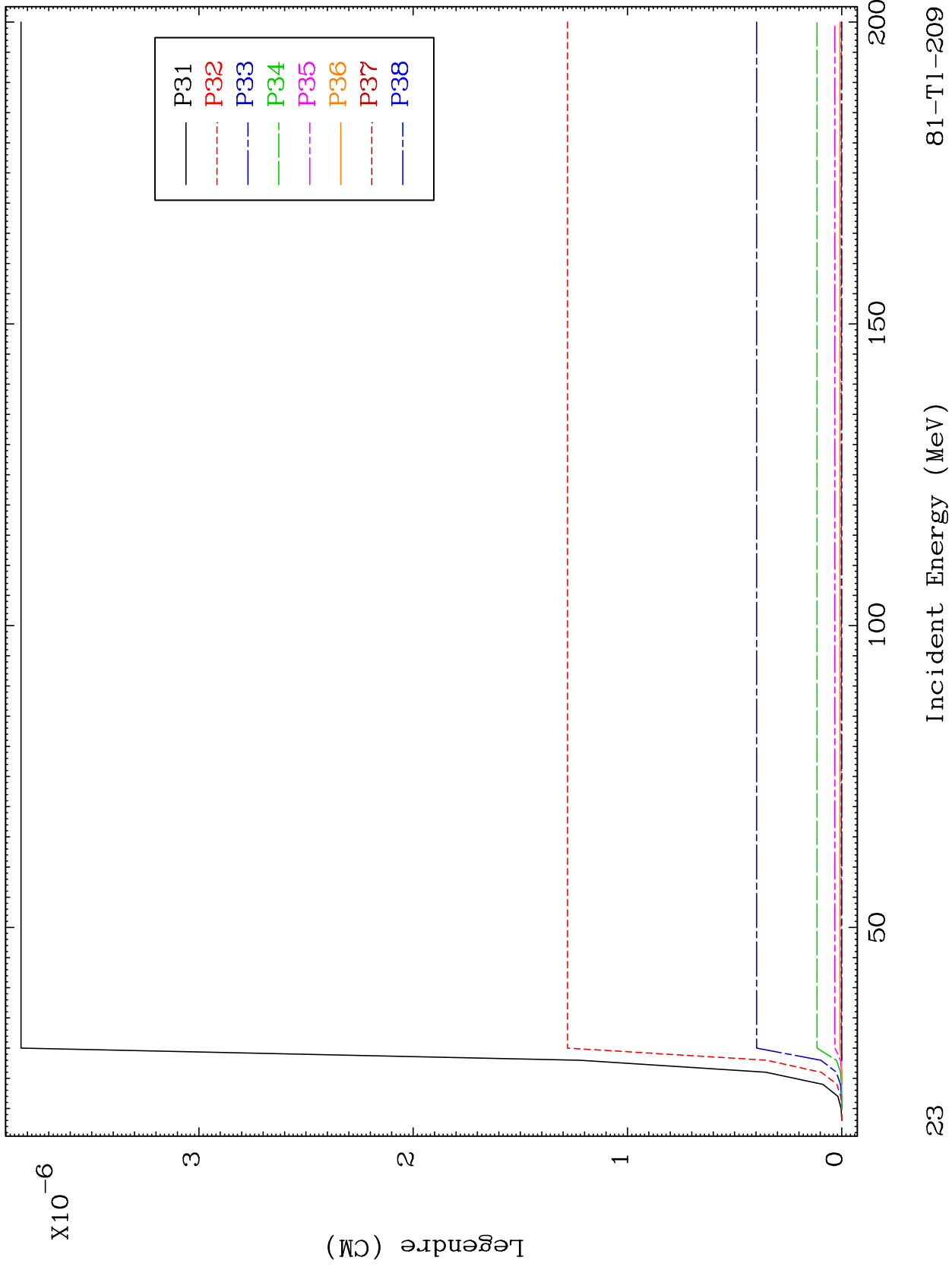
81-T1-209



MAT 8143

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

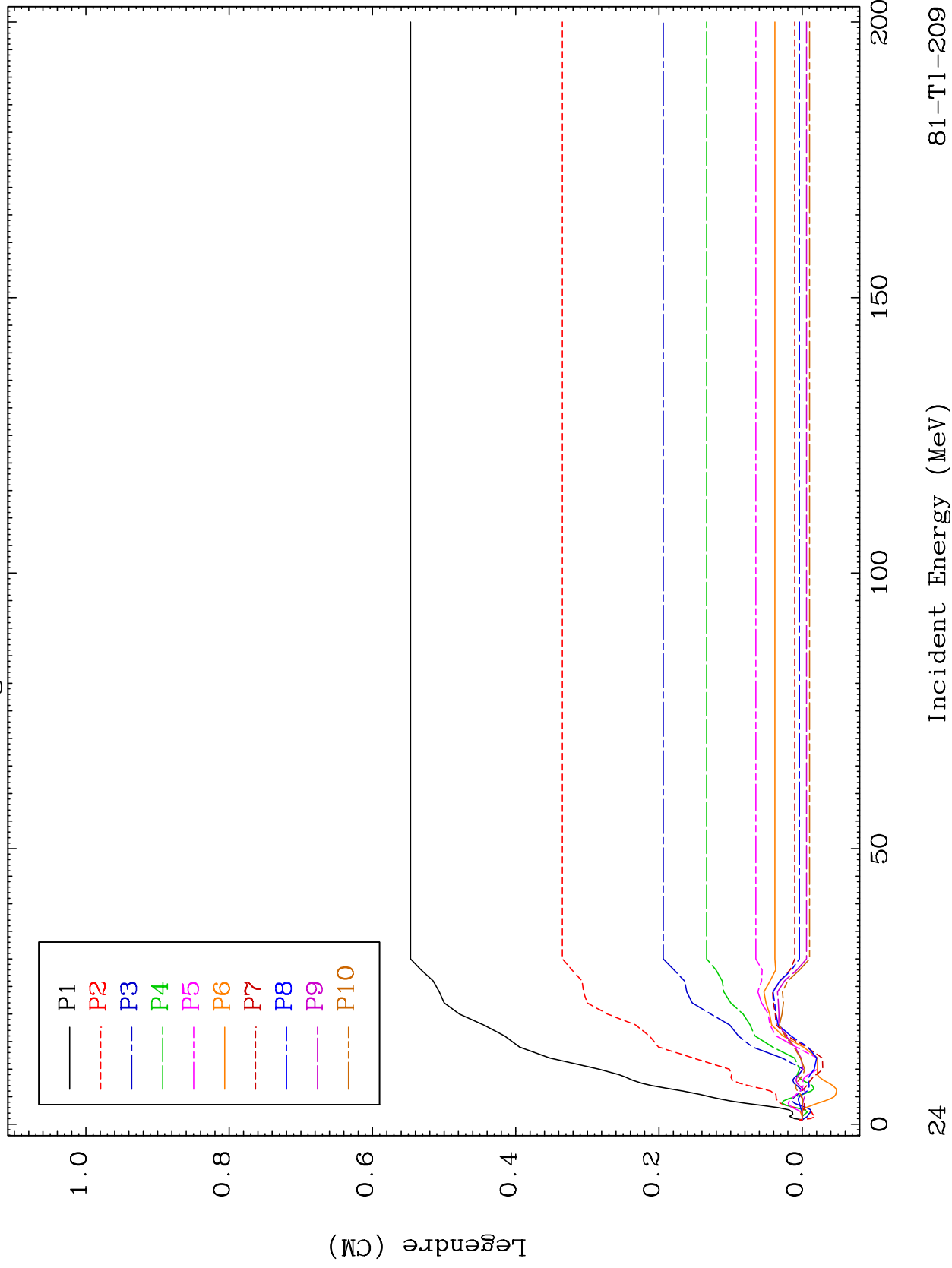
81-T1-209



MAT 8143

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

81-T1-209



81-T1-209

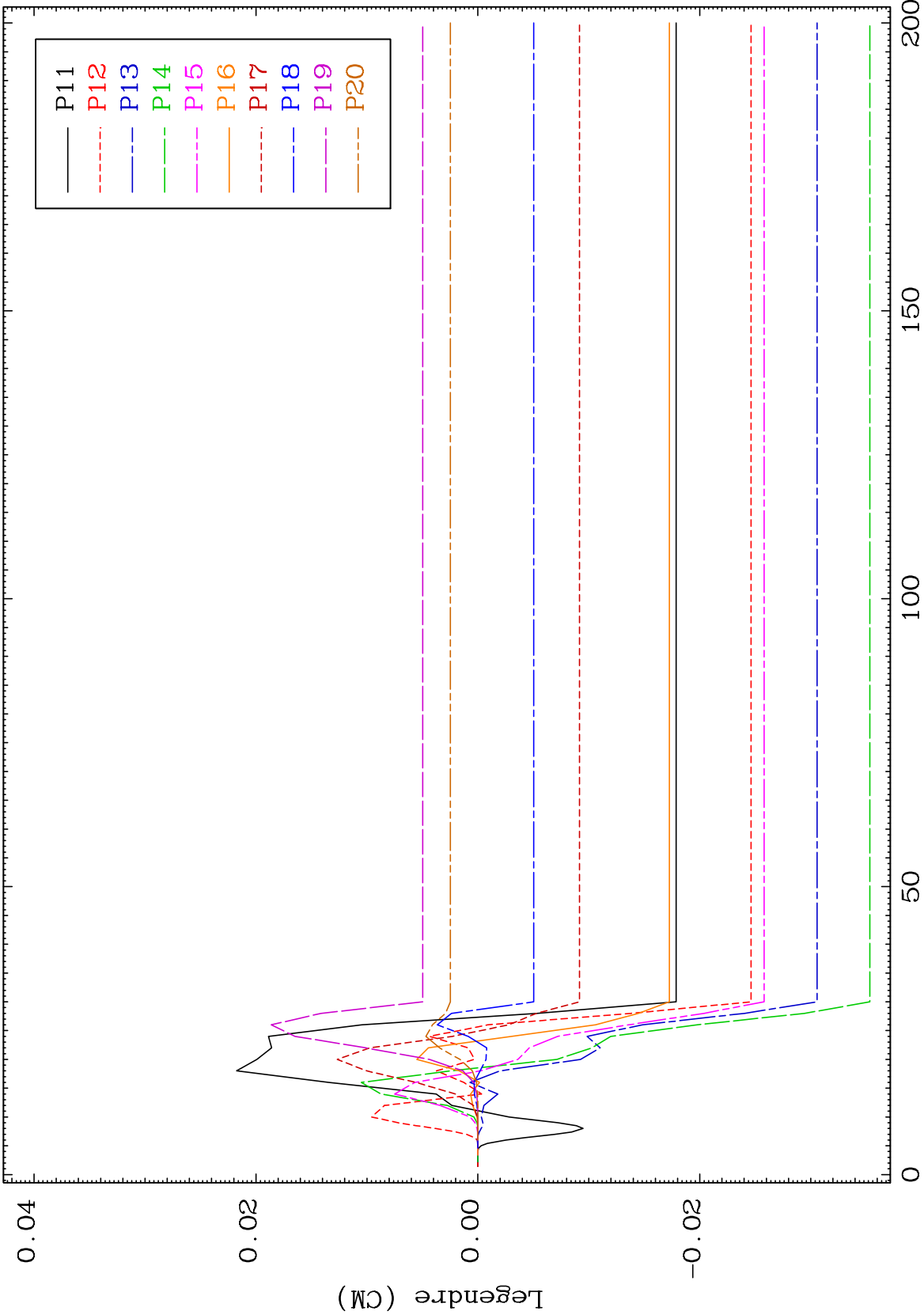
Incident Energy (MeV)

24

MAT 8143

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

81-T1-209



81-T1-209

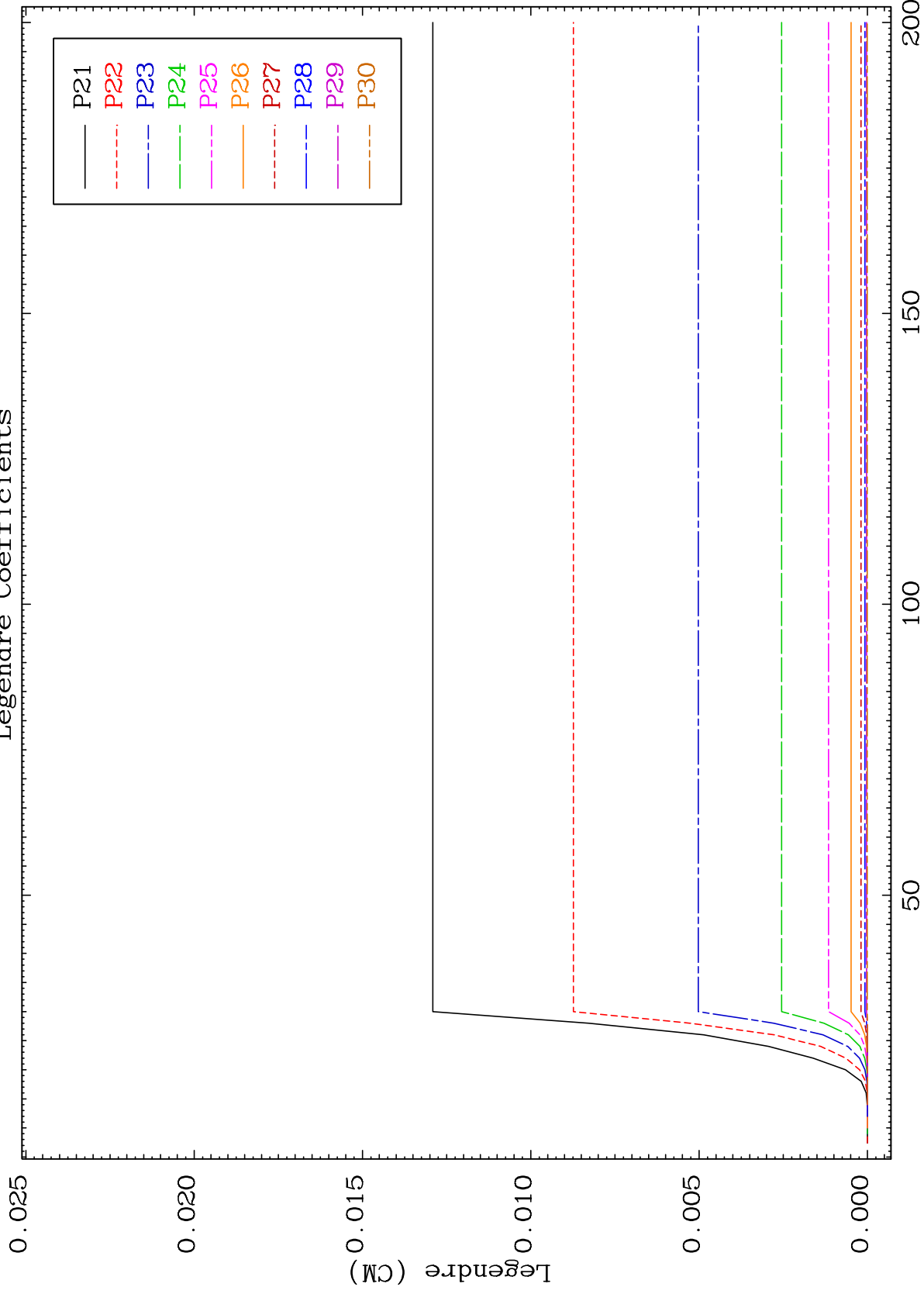
Incident Energy (MeV)

25

MAT 8143

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

81-T1-209



26

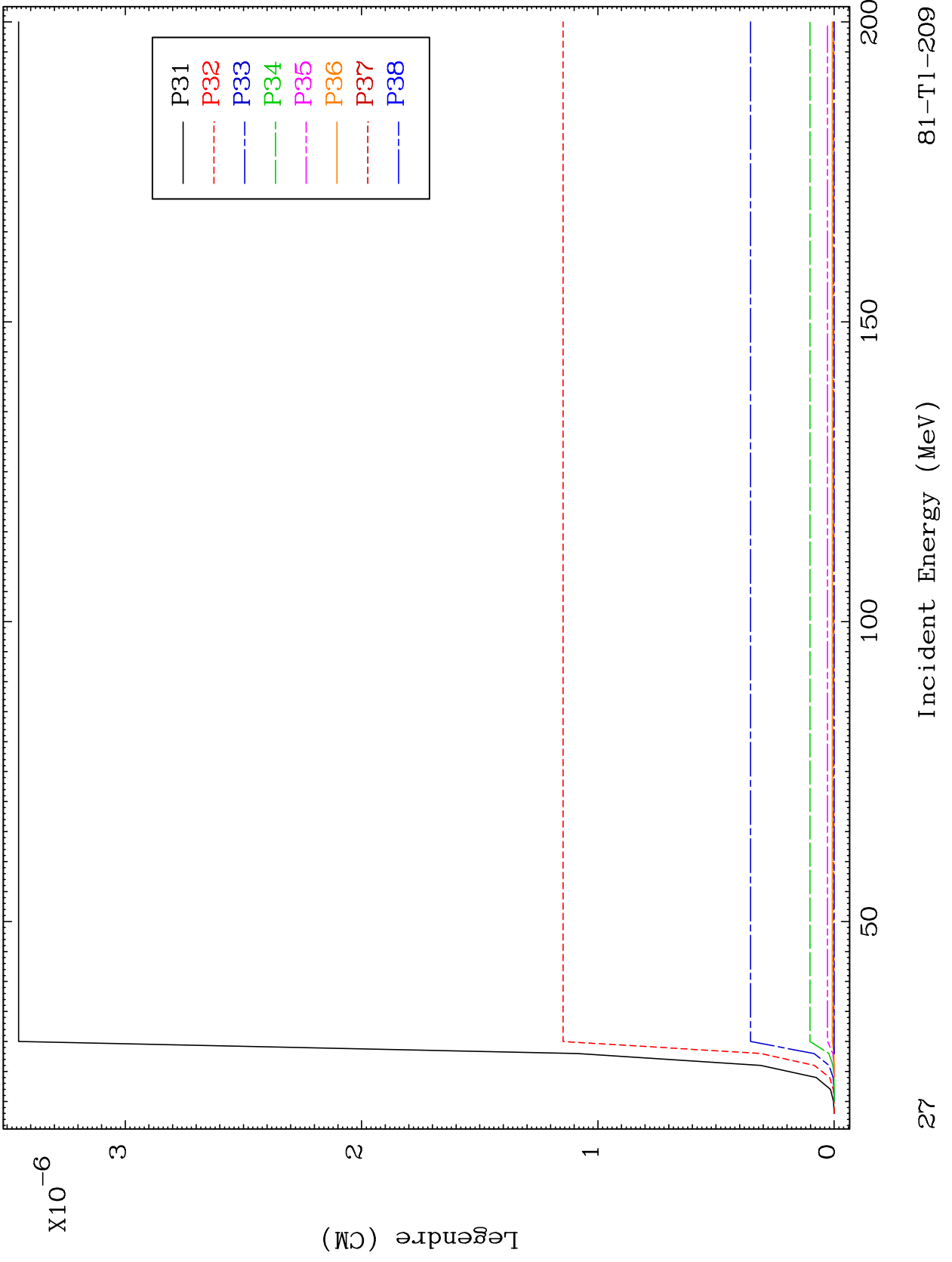
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209

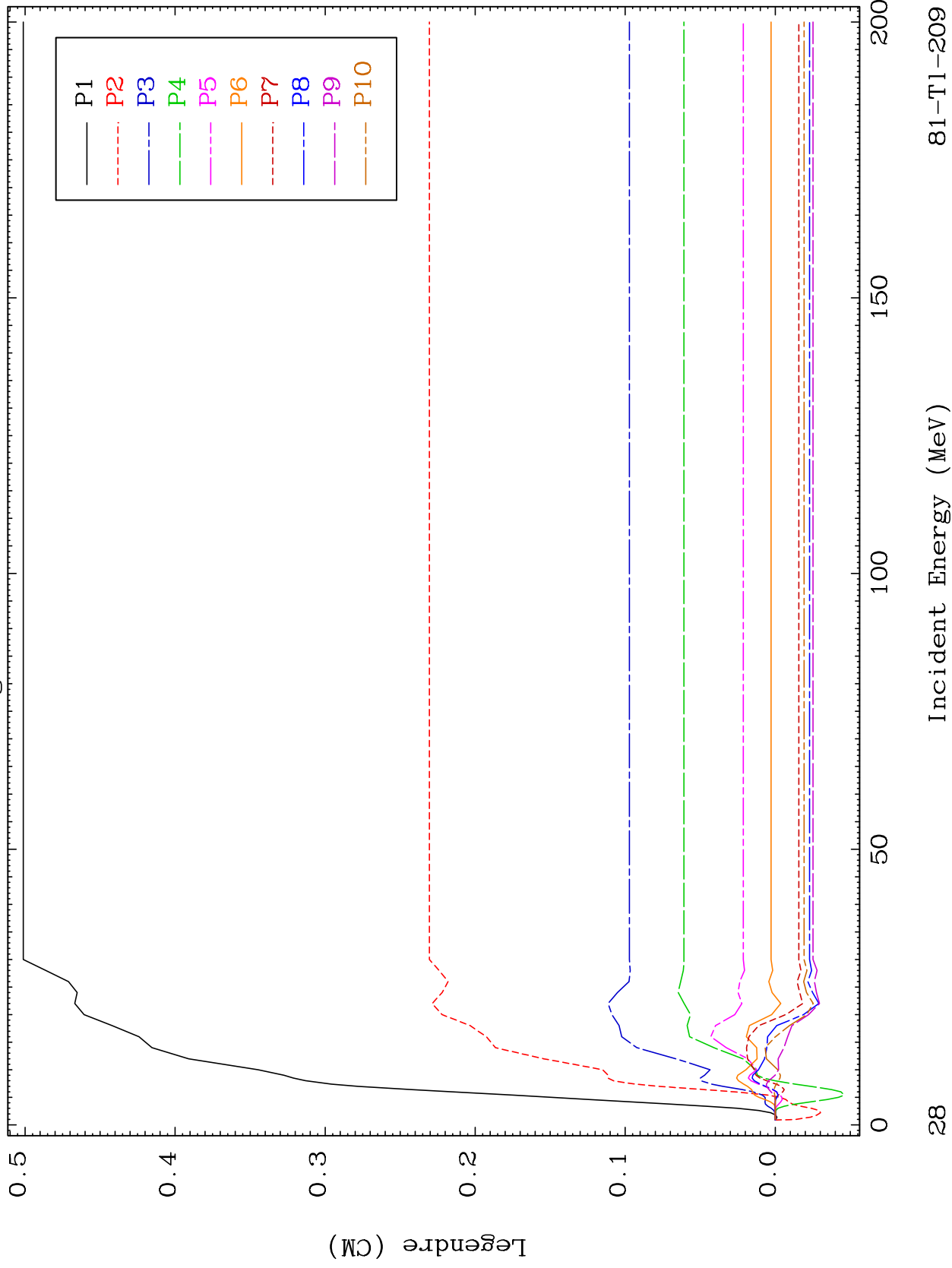


MAT 8143

MT= 53 (n,n') Level

81-T1-209

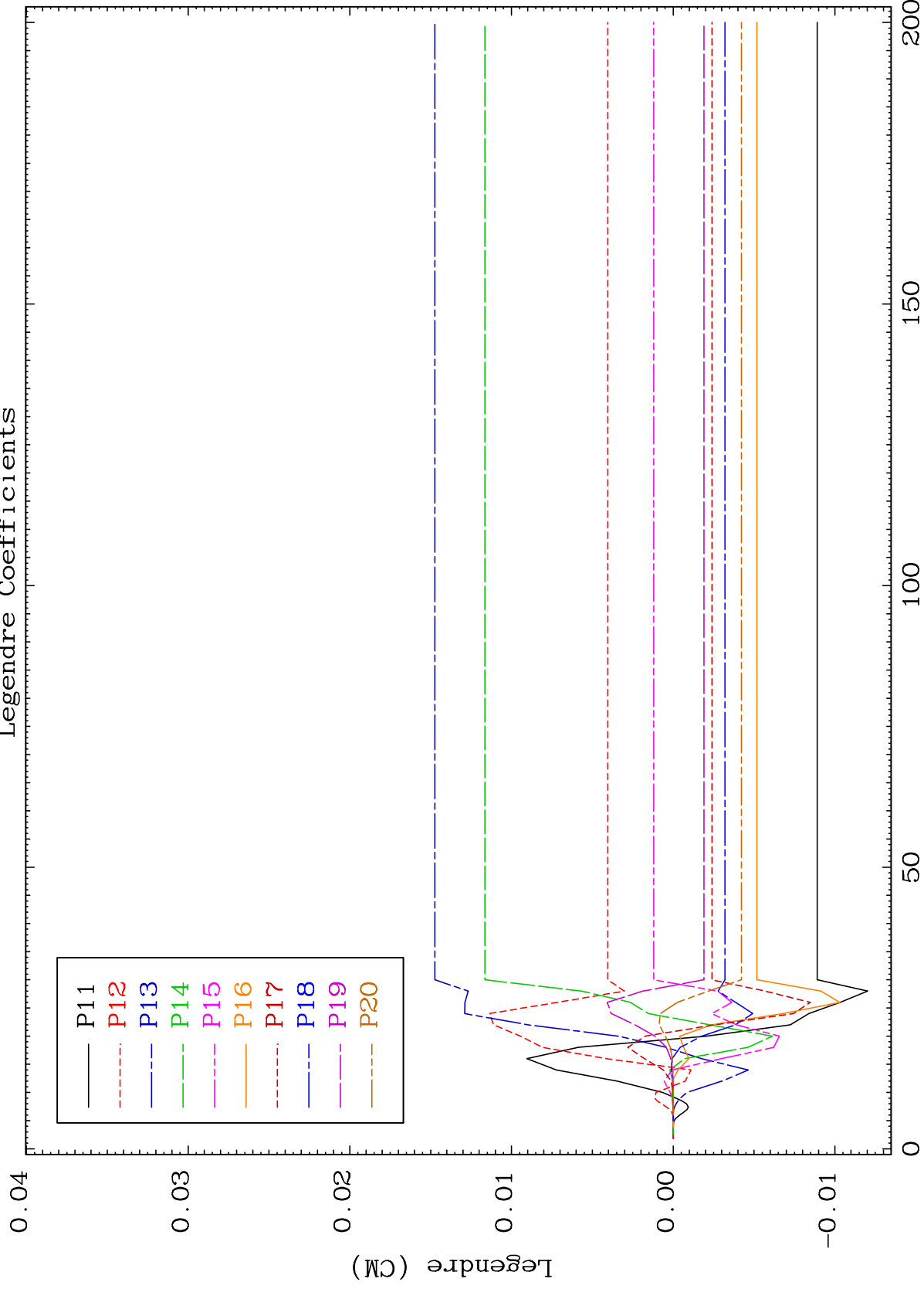
Legendre Coefficients



MAT 8143

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

81-T1-209



29

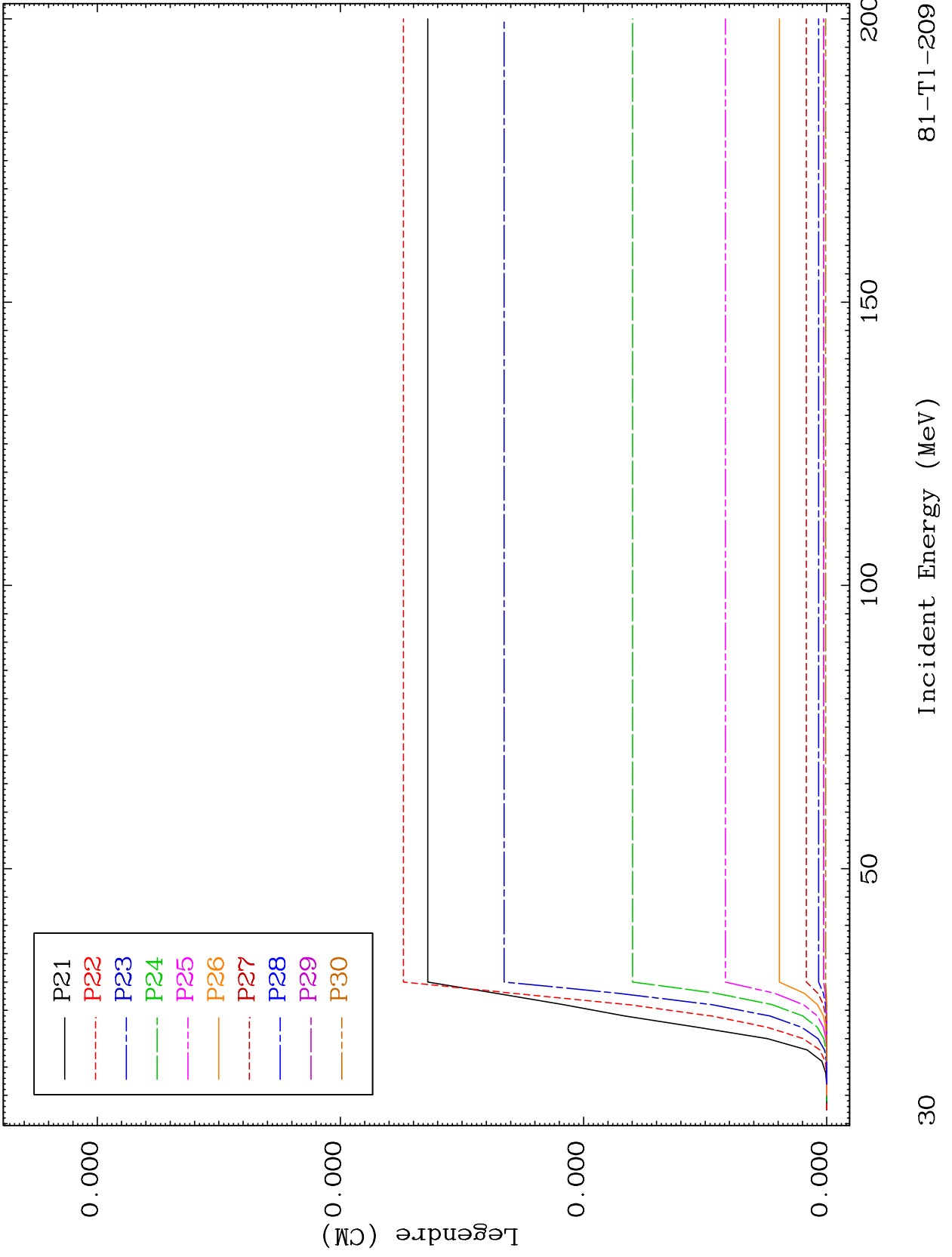
Incident Energy (MeV)

81-T1-209

MAT 8143

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

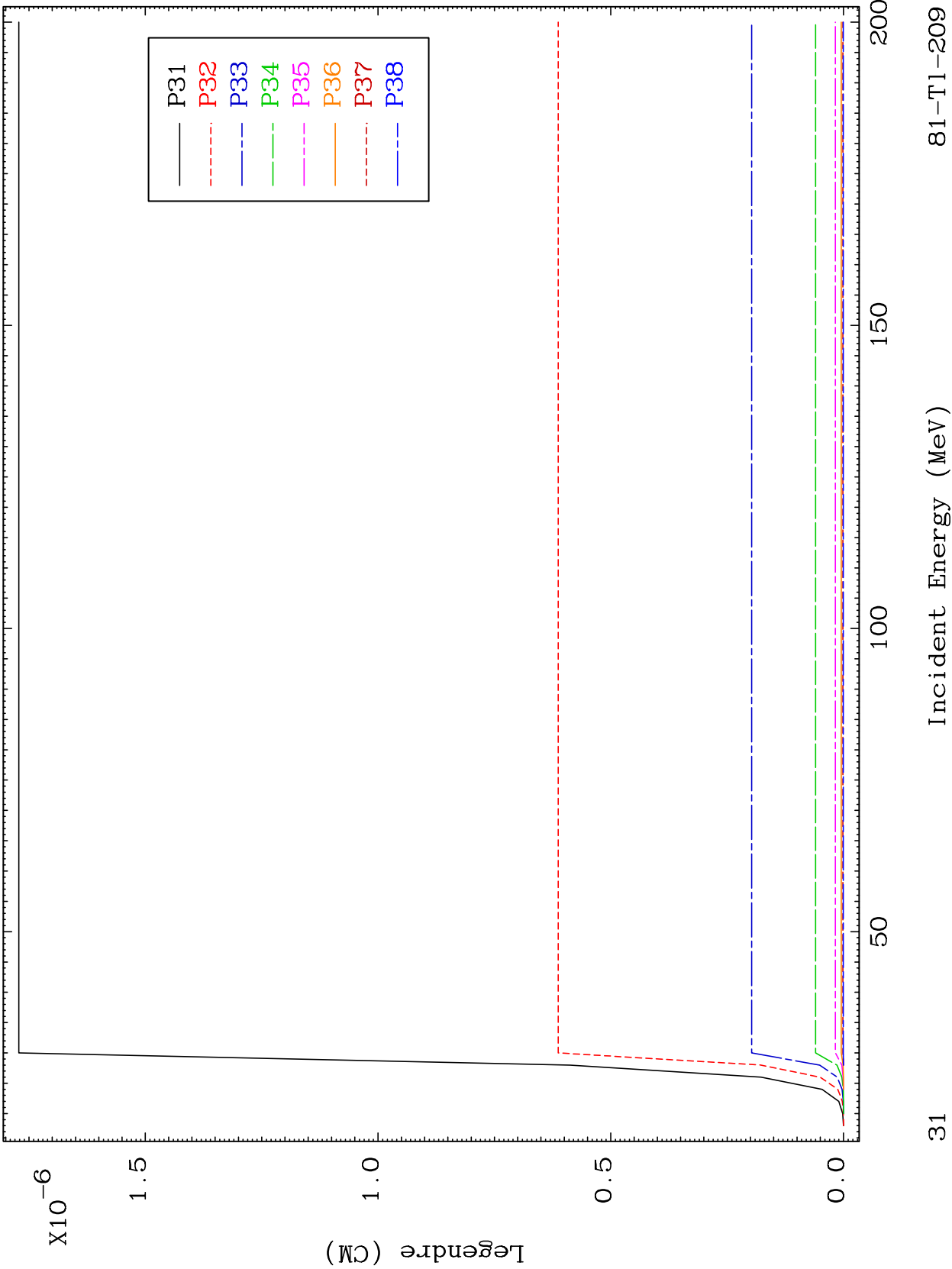
81-T1-209



30

Incident Energy (MeV)

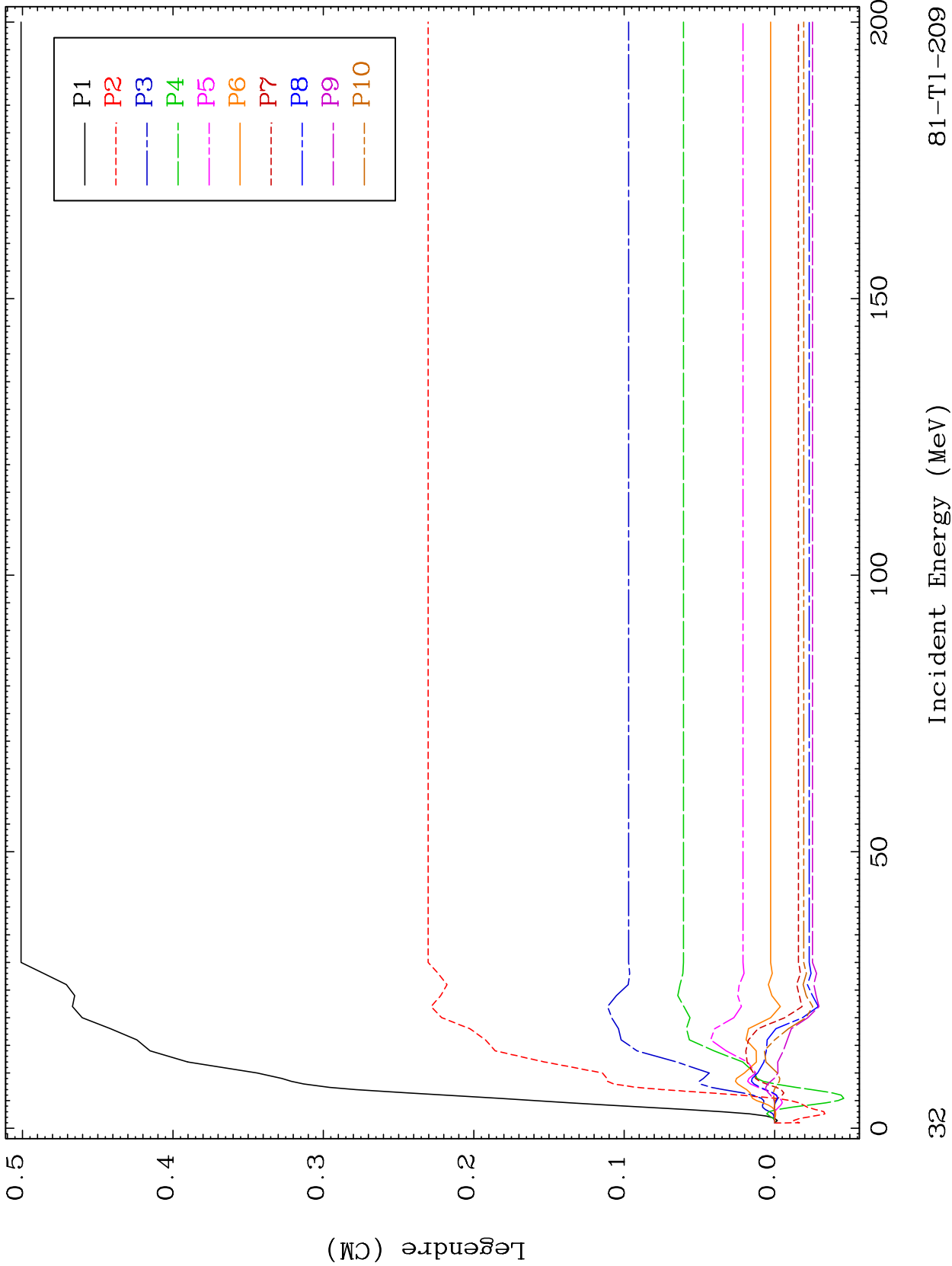
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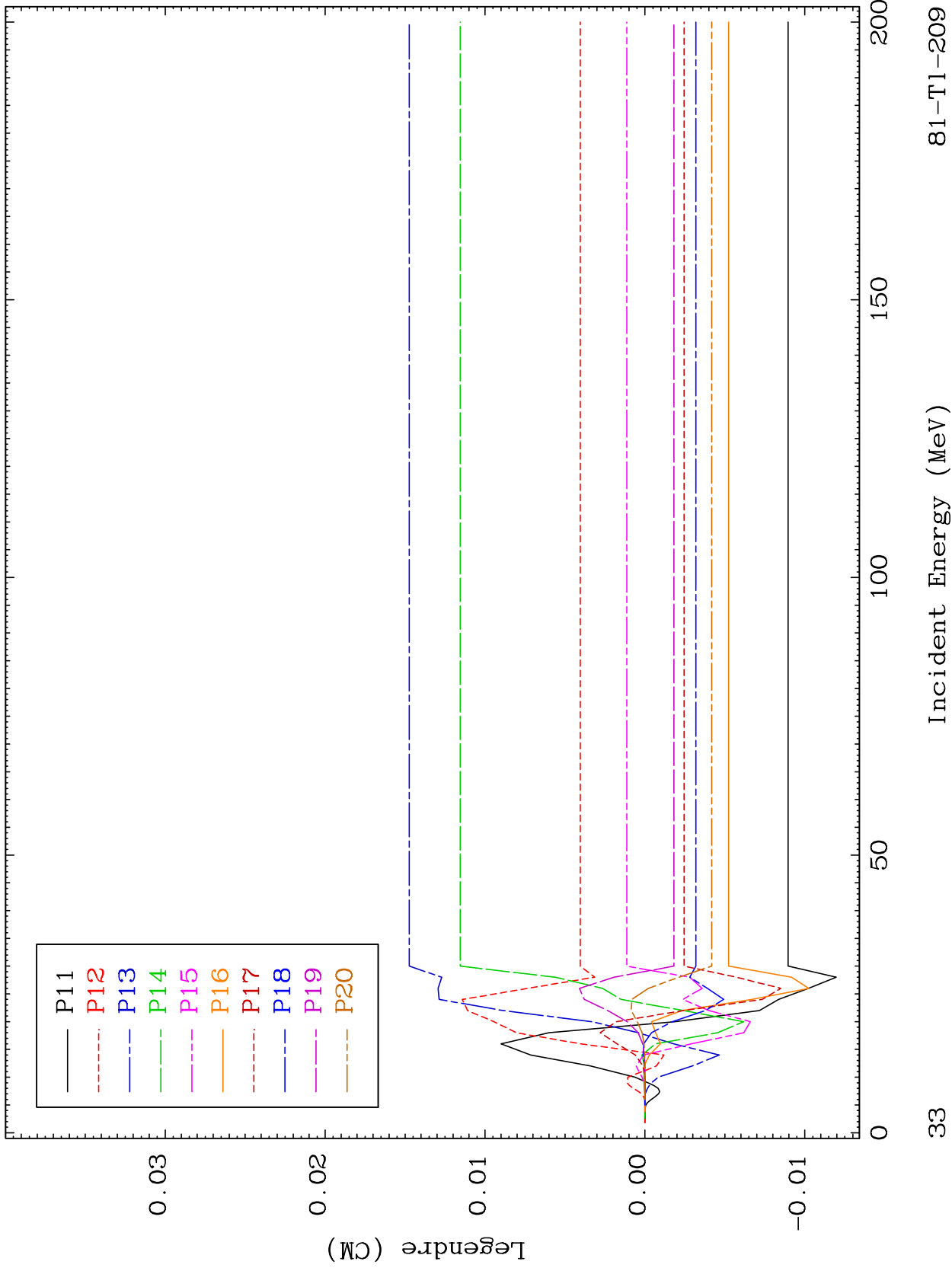


MAT 8143

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

81-T1-209

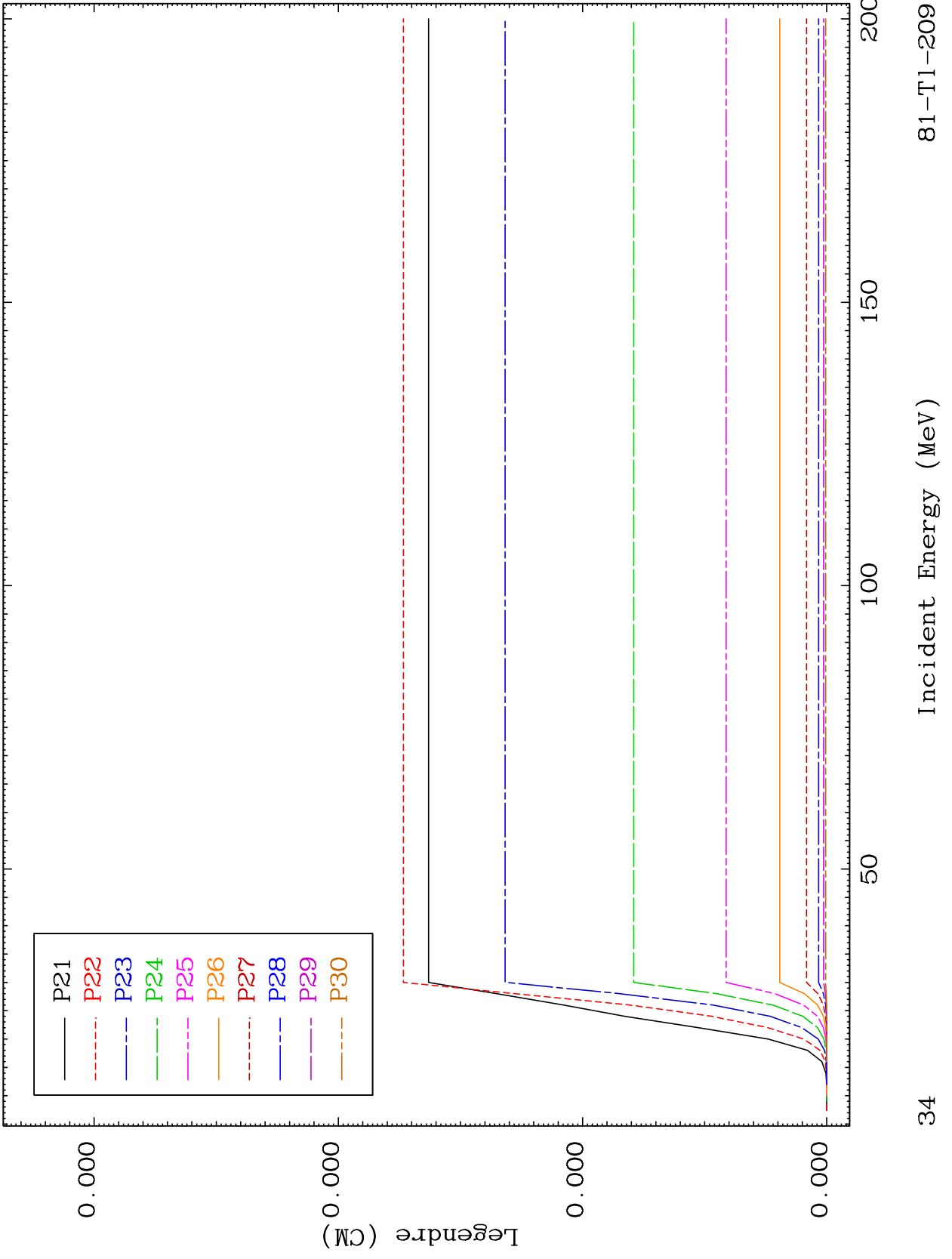




MAT 8143

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

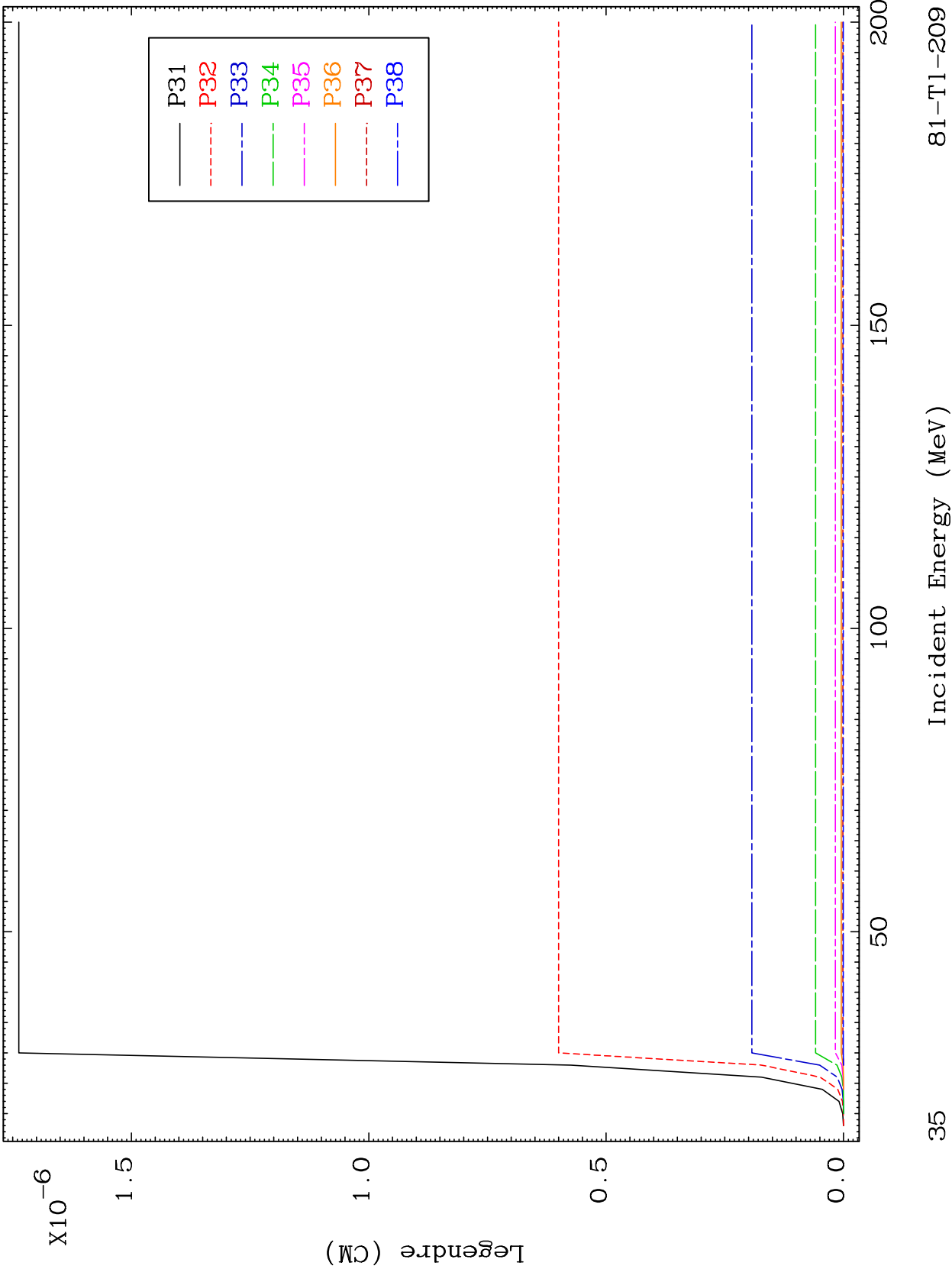
81-Tl-209



MAT 8143

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

81-T1-209



35

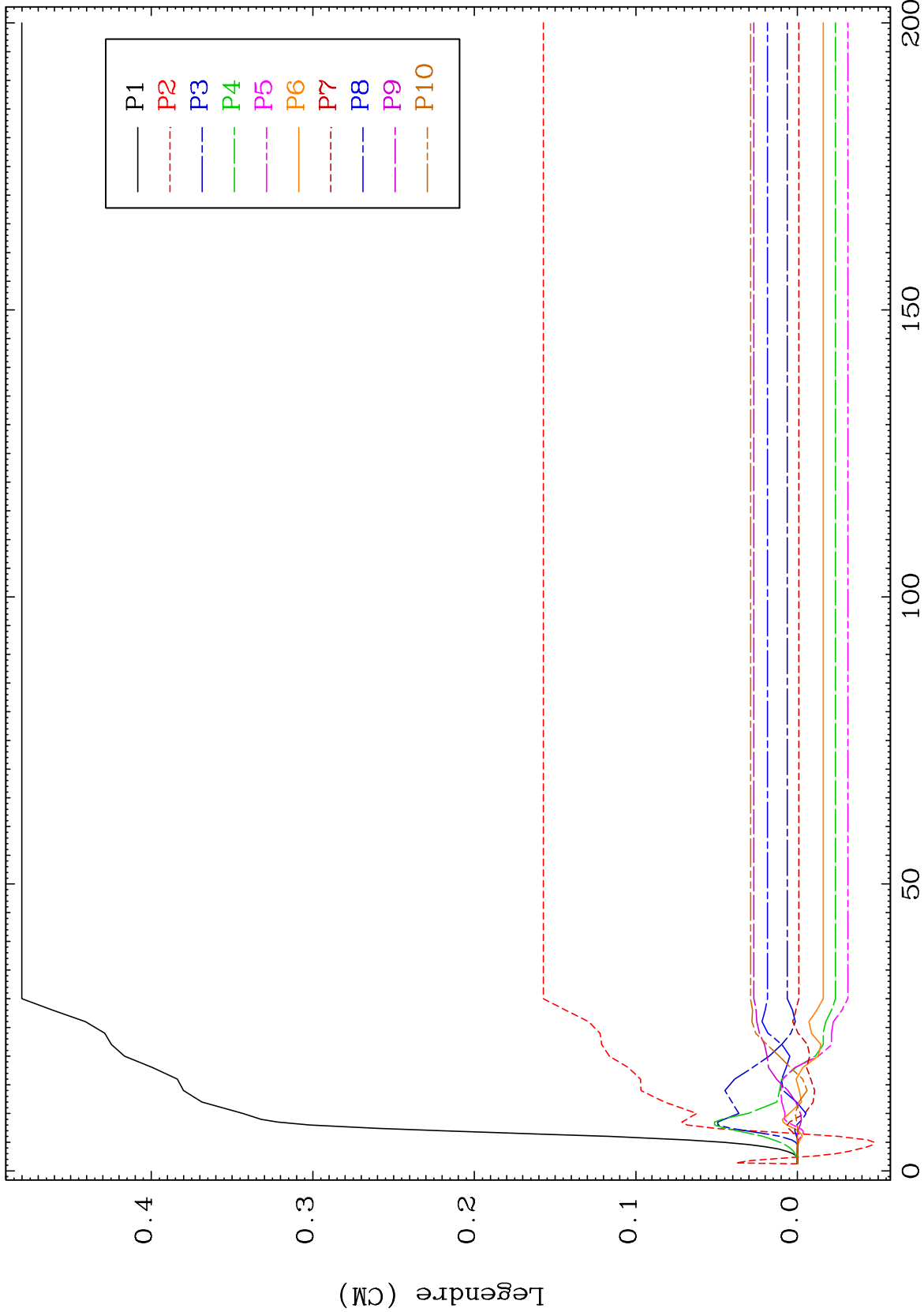
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



36

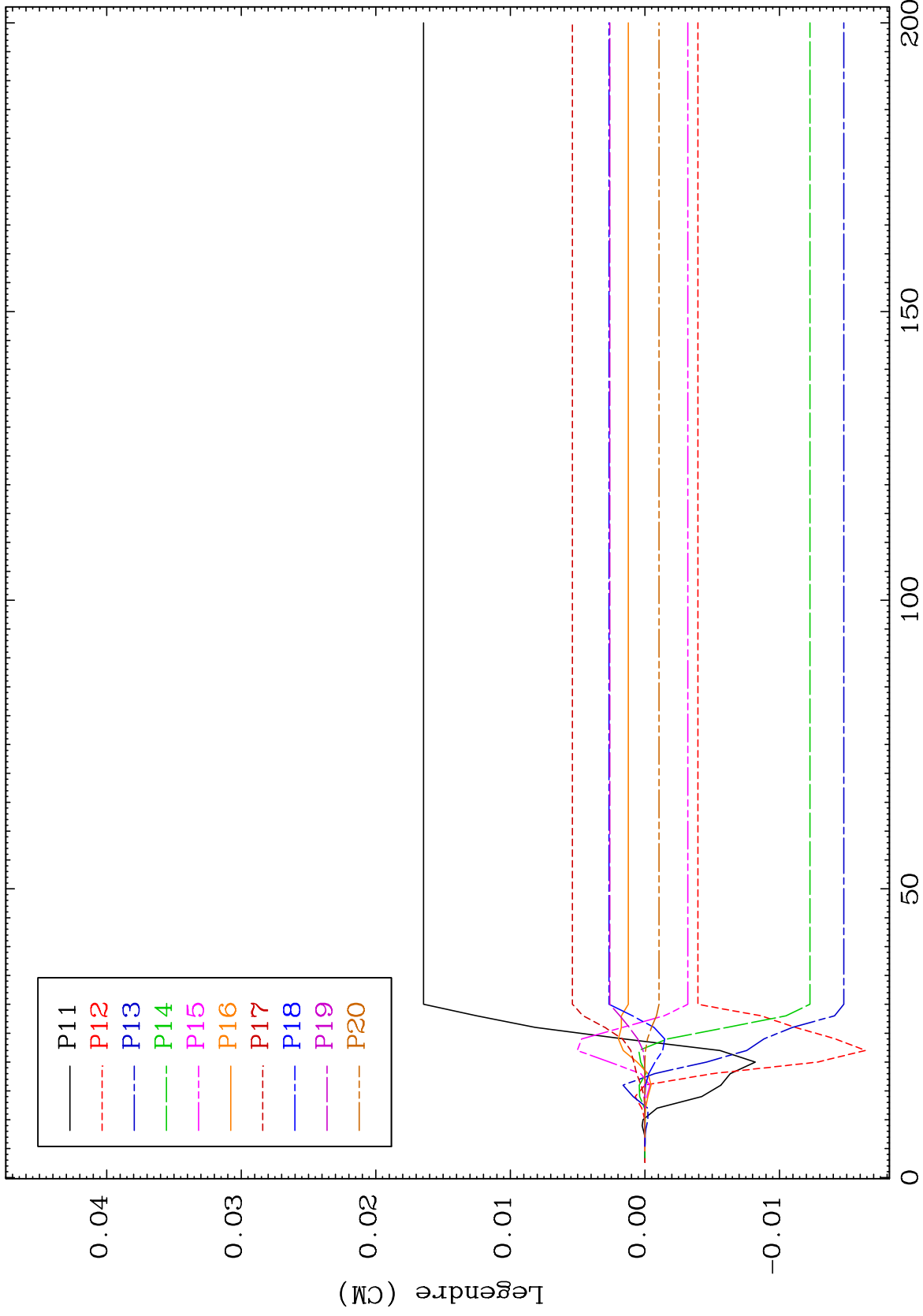
Incident Energy (MeV)

81-T1-209

MAT 8143

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

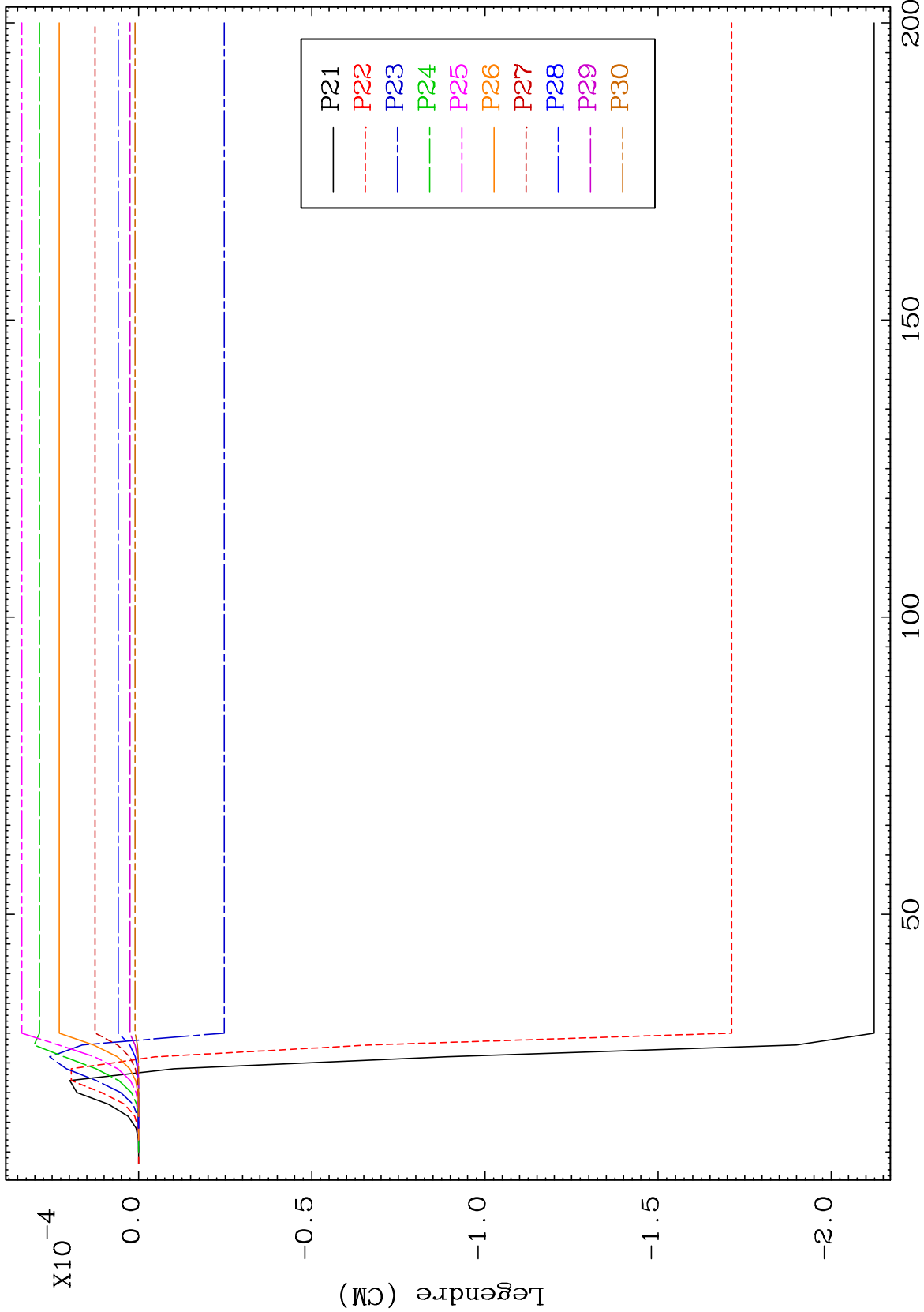
81-T1-209



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Incident Energy (MeV)

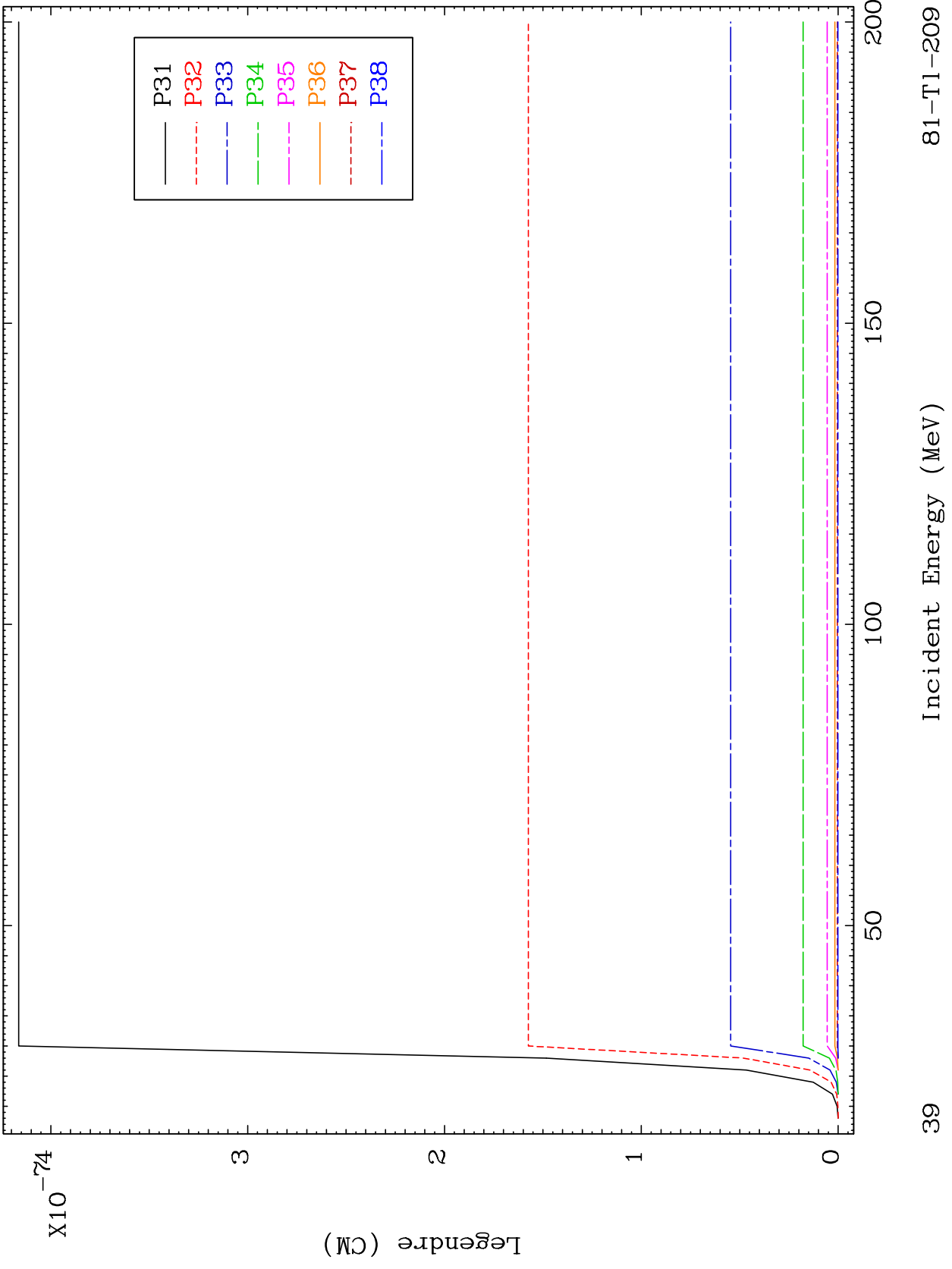
81-T1-209



MAT 8143

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

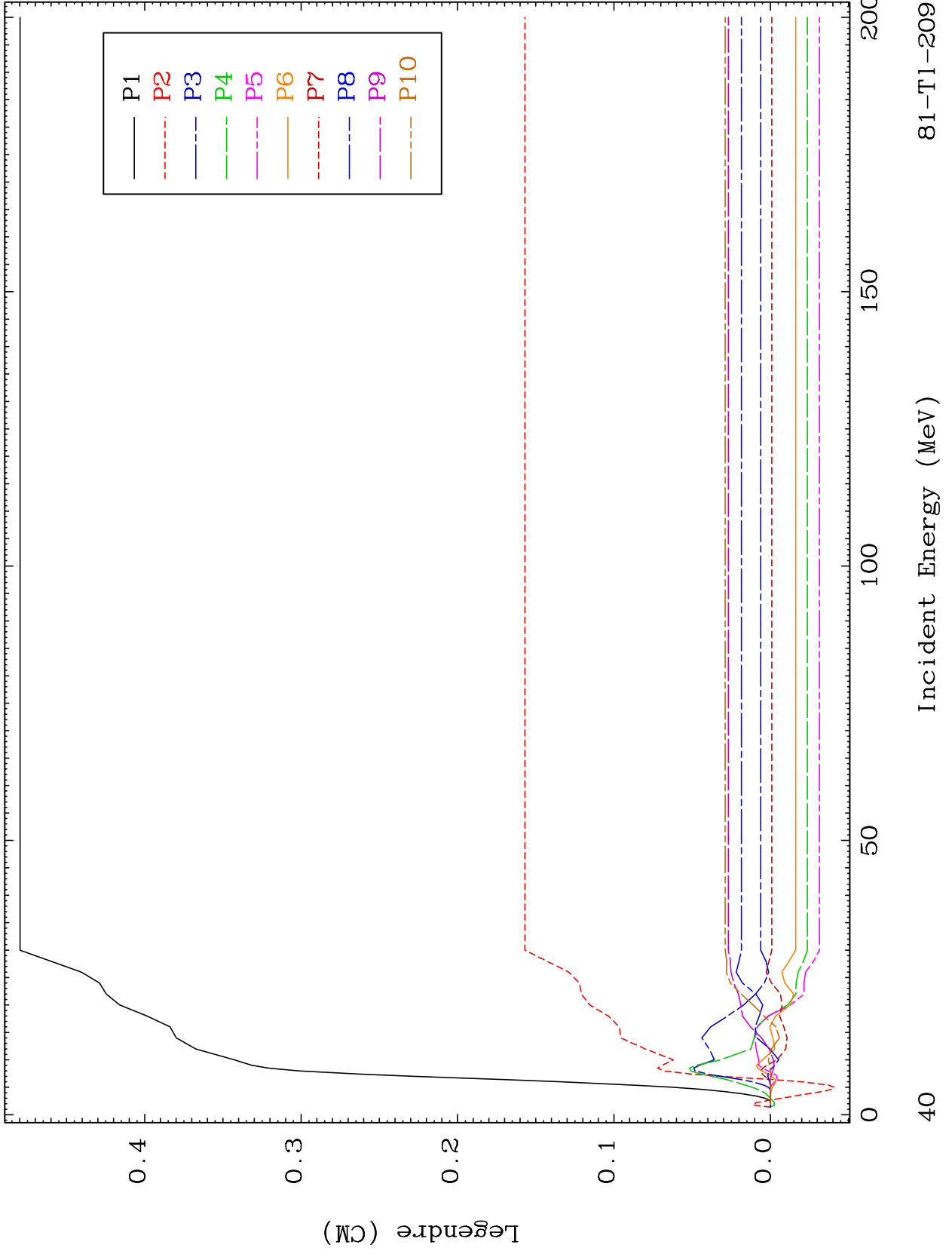
81-T1-209



MAT 8143

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

81-T1-209



81-T1-209

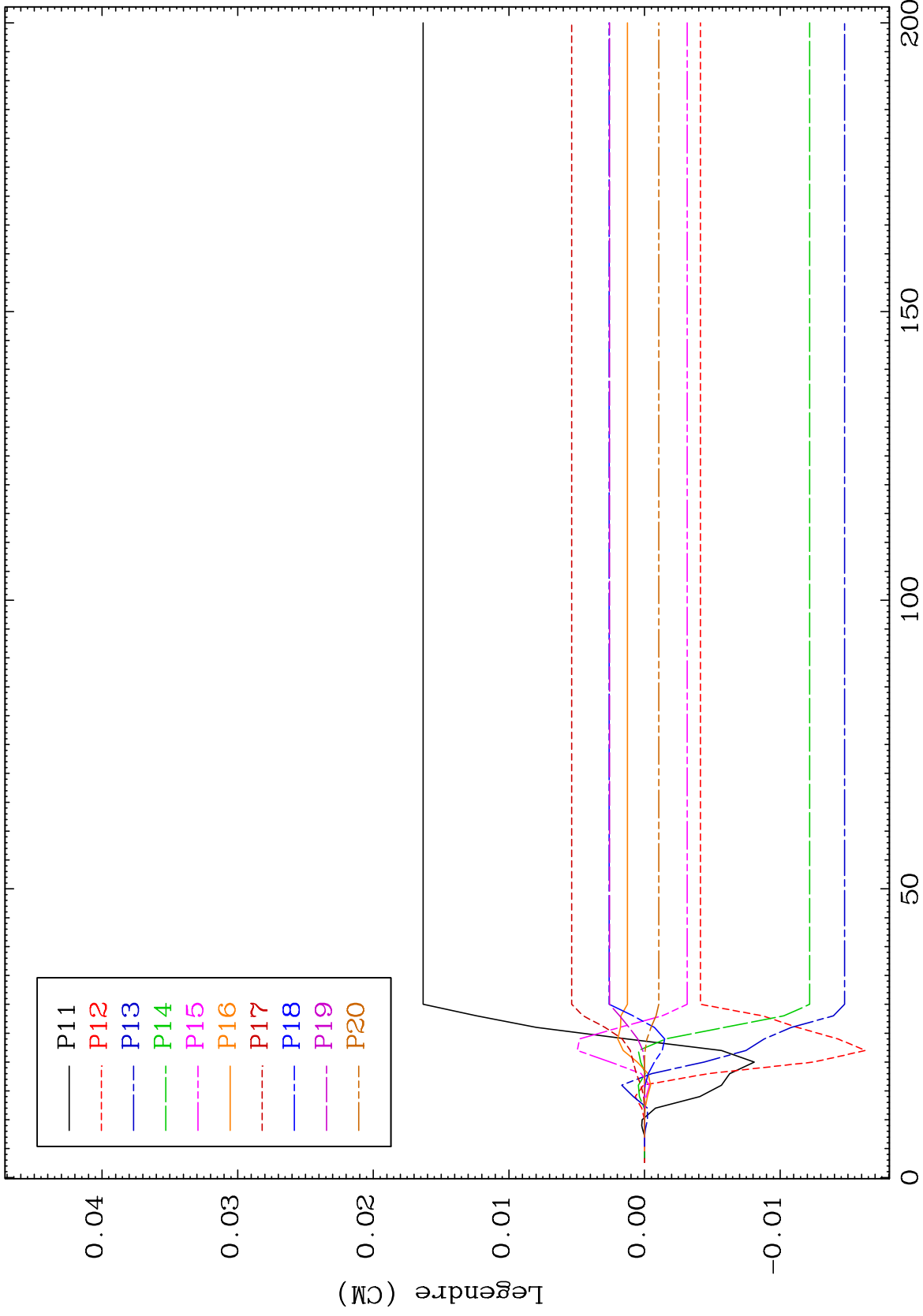
Incident Energy (MeV)

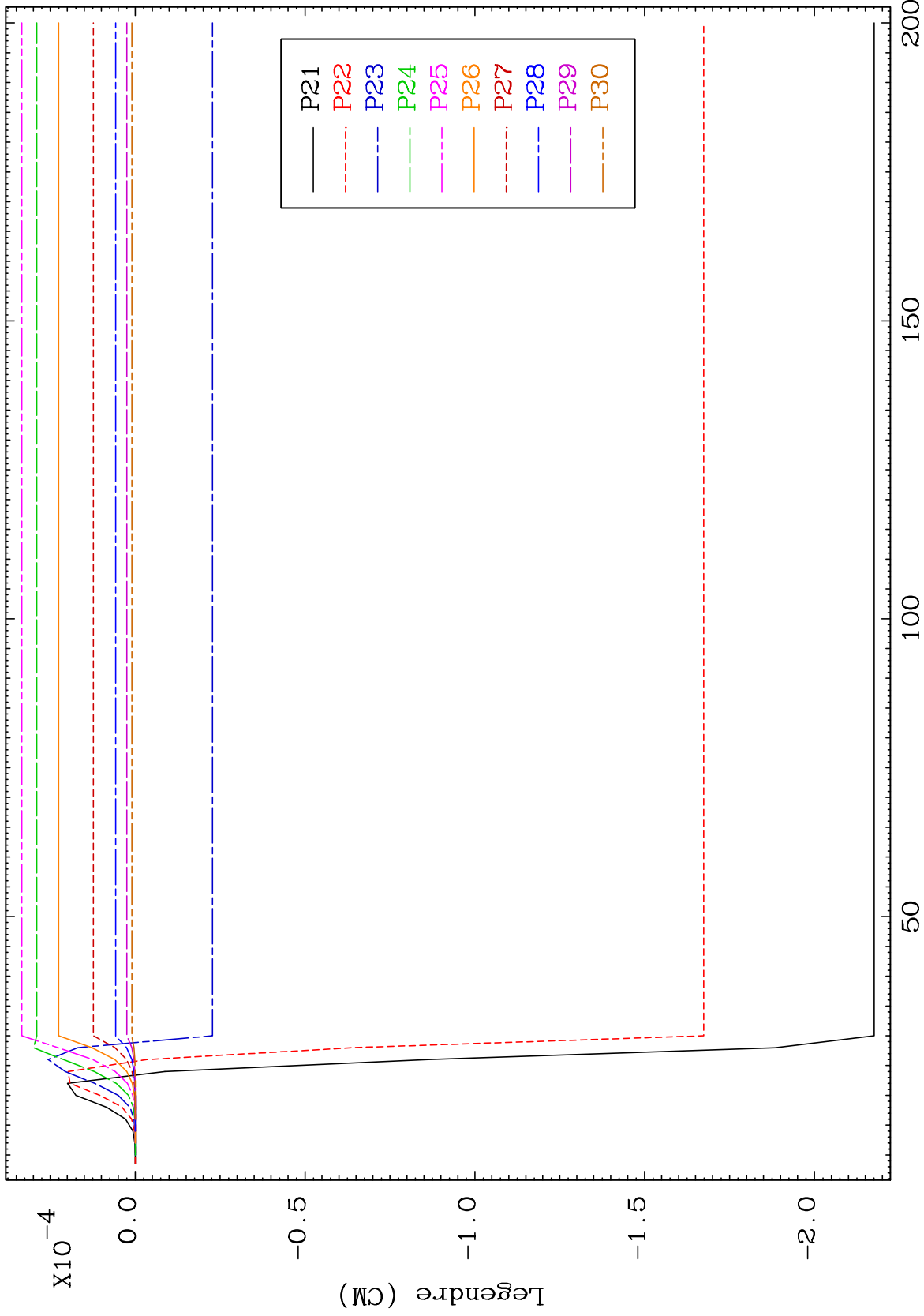
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MAT 8143

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

81-T1-209

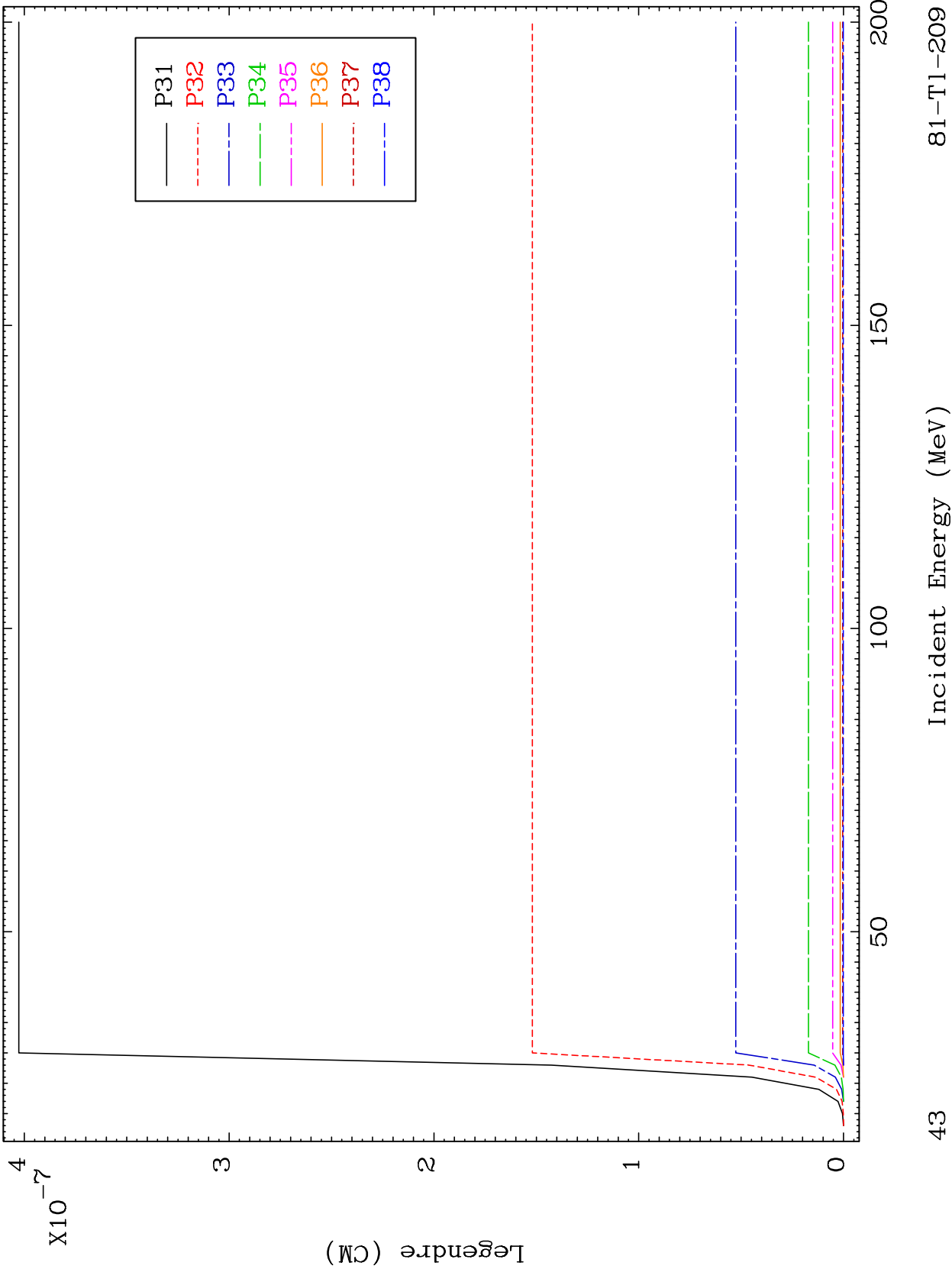




MAT 8143

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

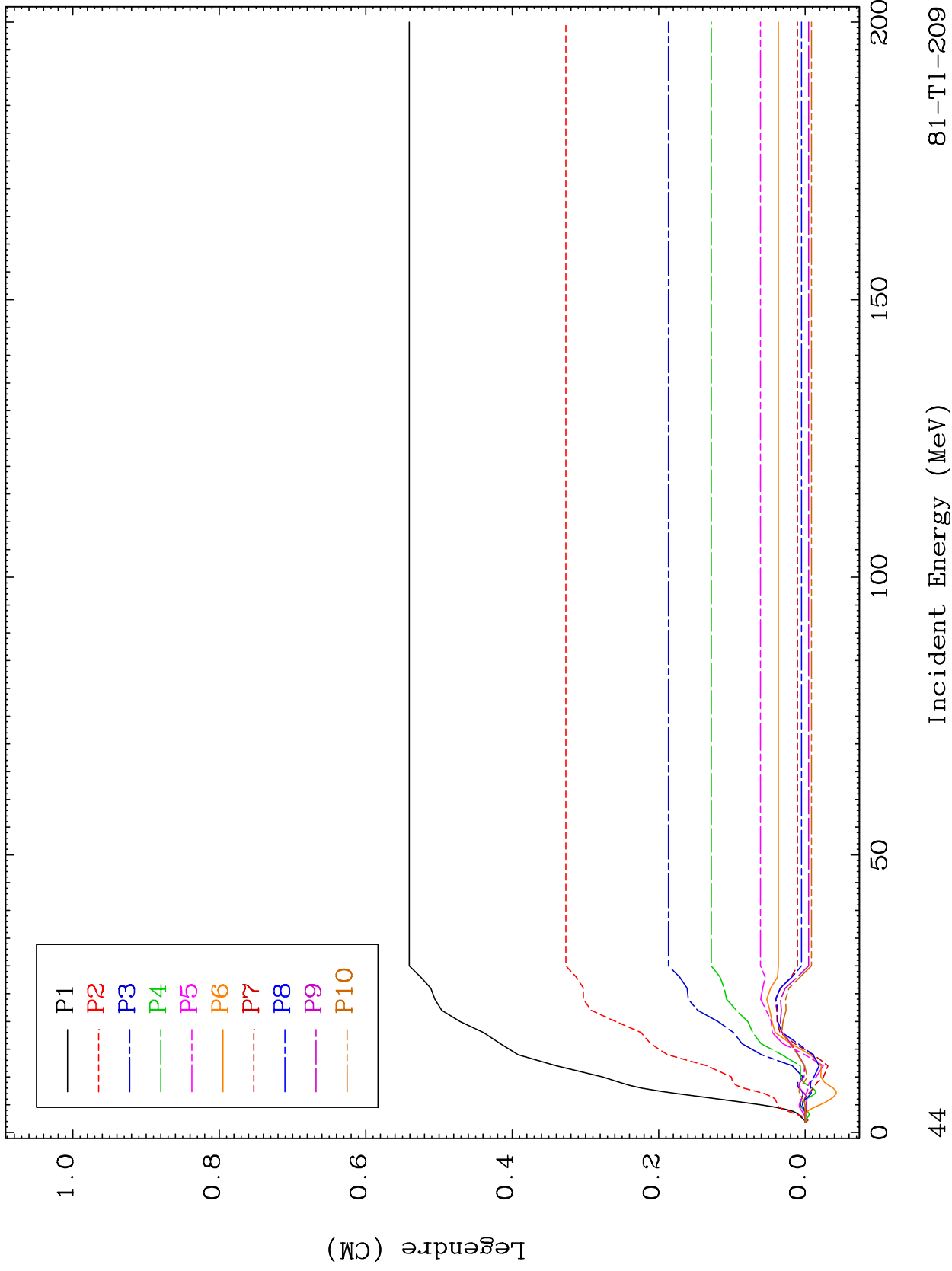
81-T1-209



43

Incident Energy (MeV)

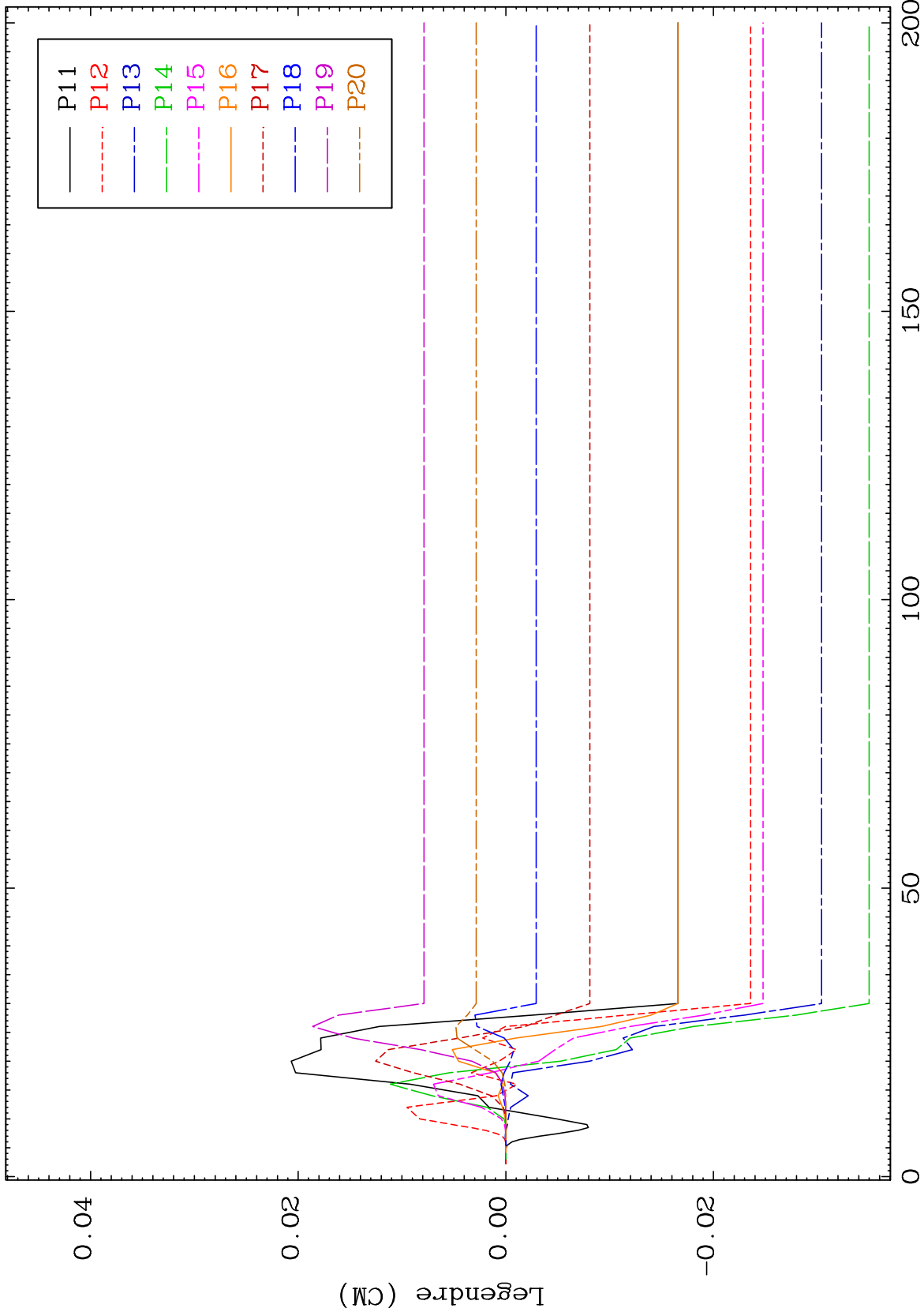
81-T1-209



MAT 8143

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

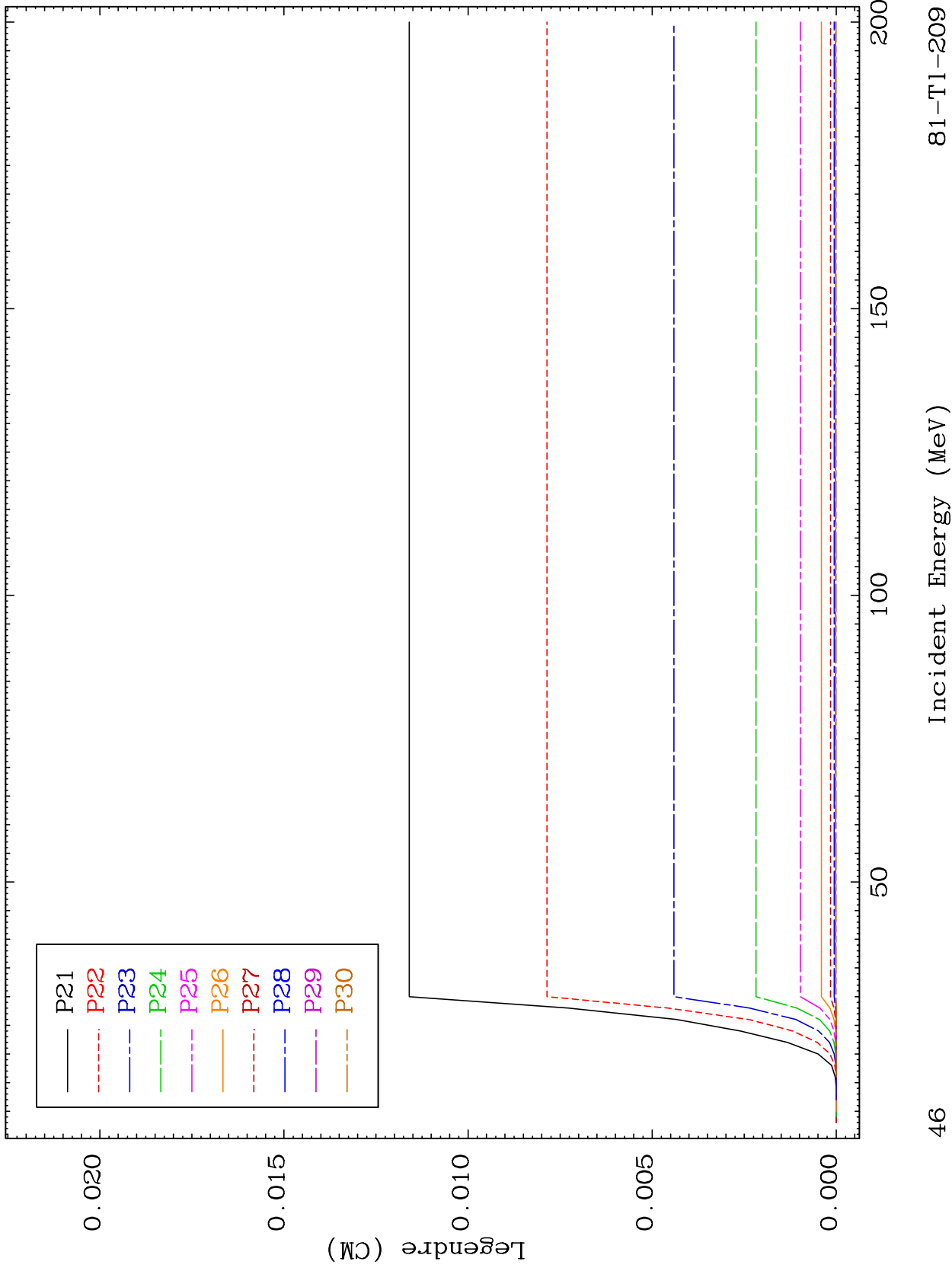
81-T1-209



45

Incident Energy (MeV)

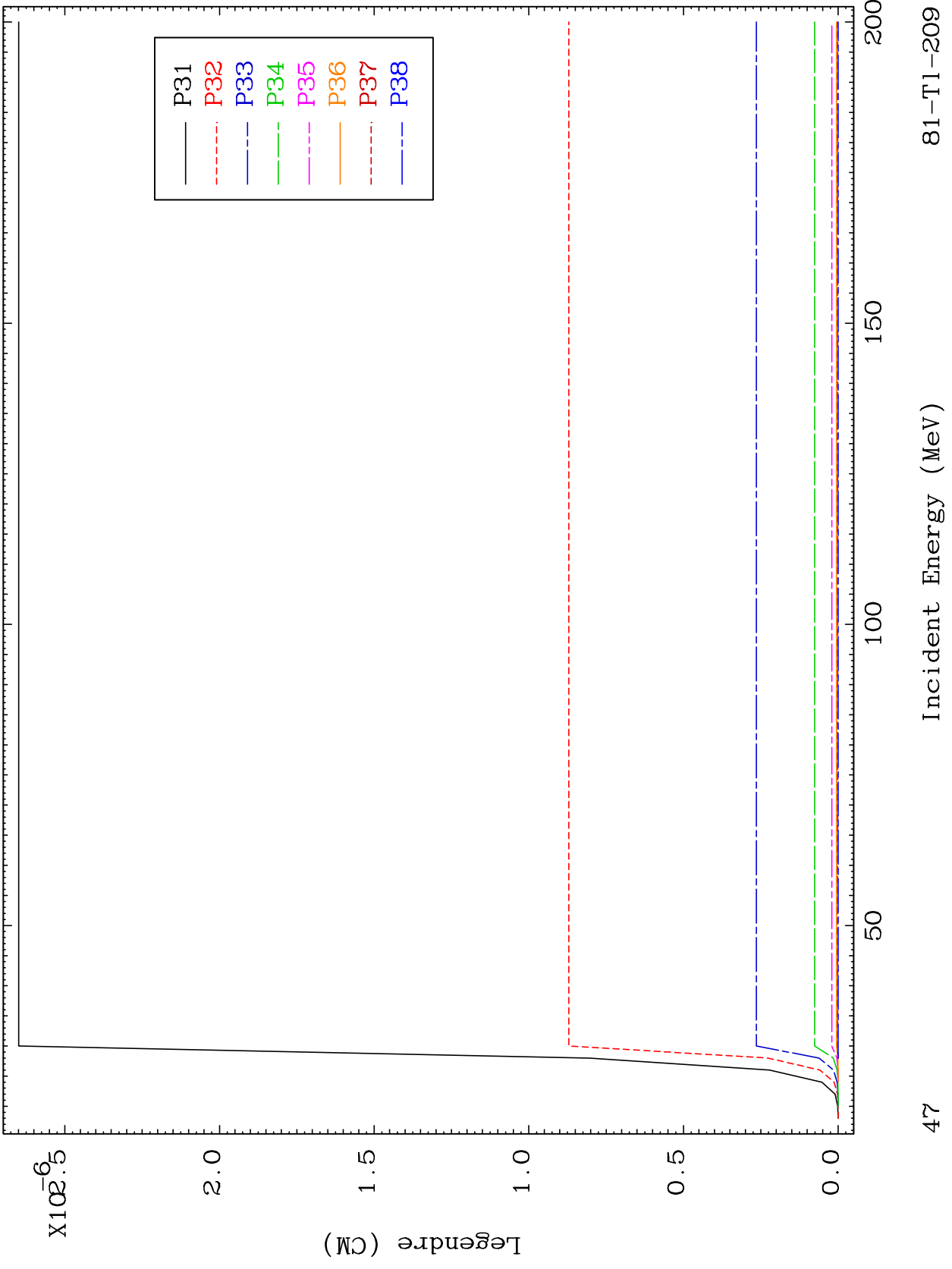
81-T1-209



MAT 8143

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

81-T1-209



47

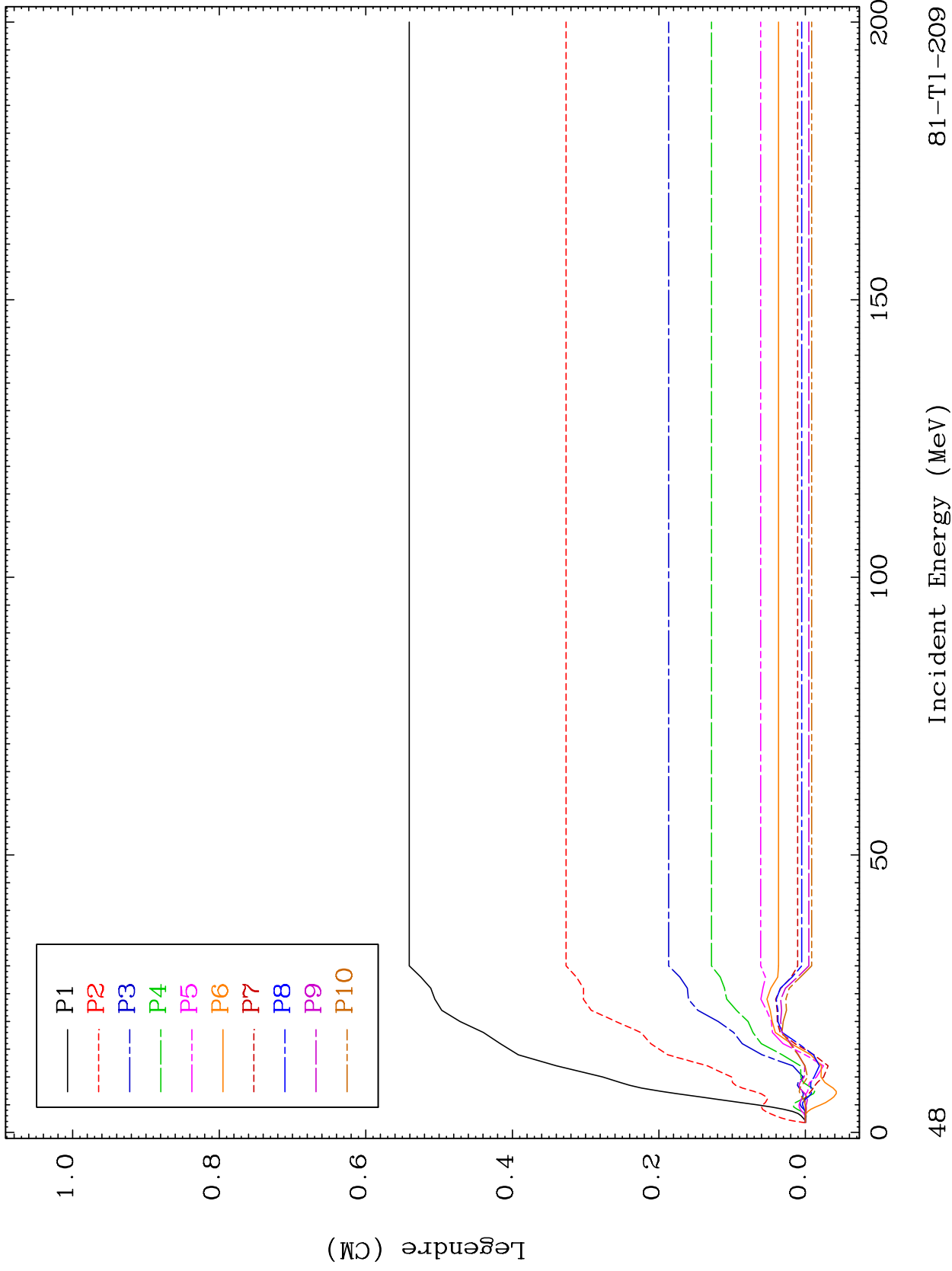
Incident Energy (MeV)

81-T1-209

MAT 8143

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

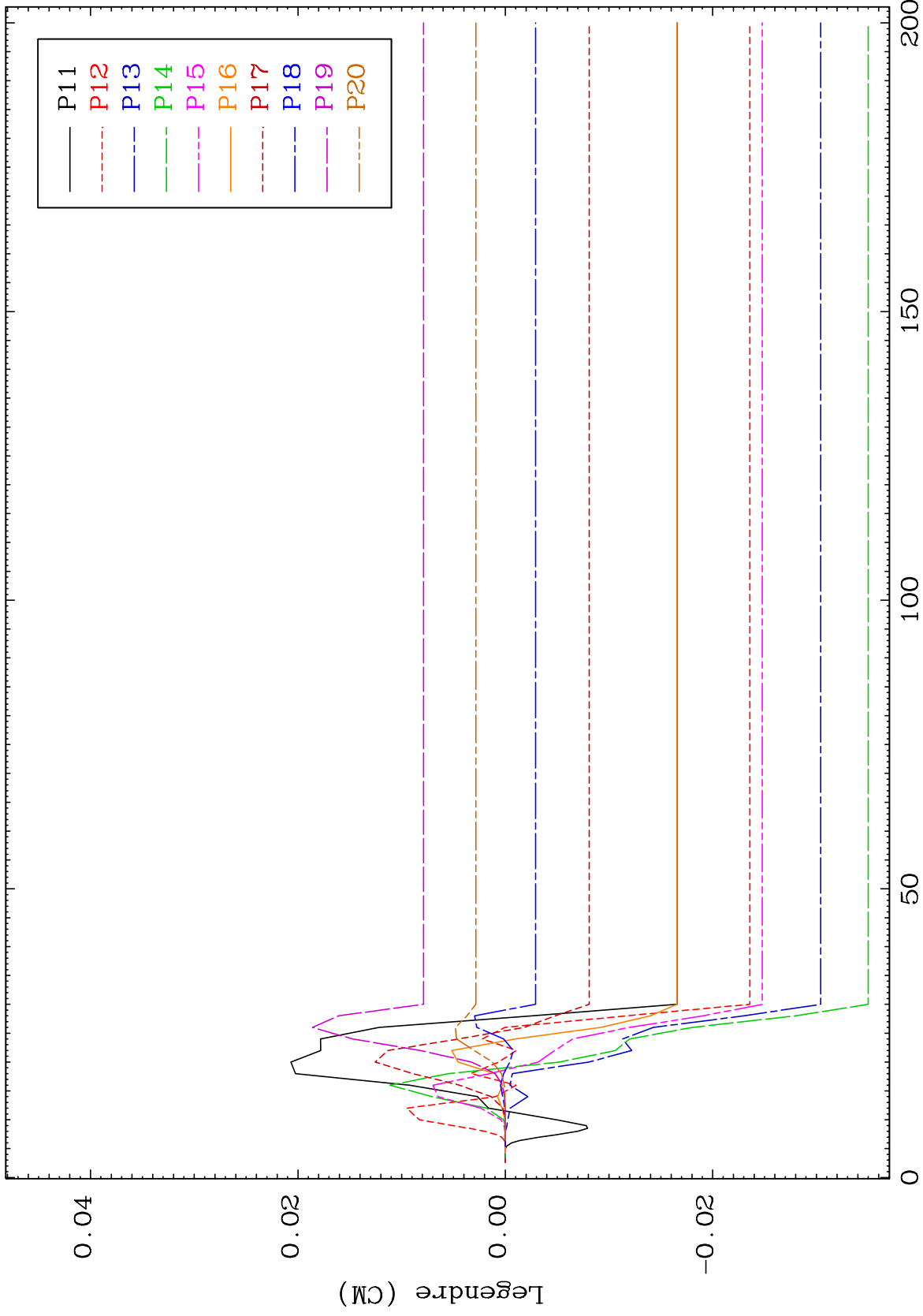
81-T1-209



MAT 8143

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

81-T1-209



49

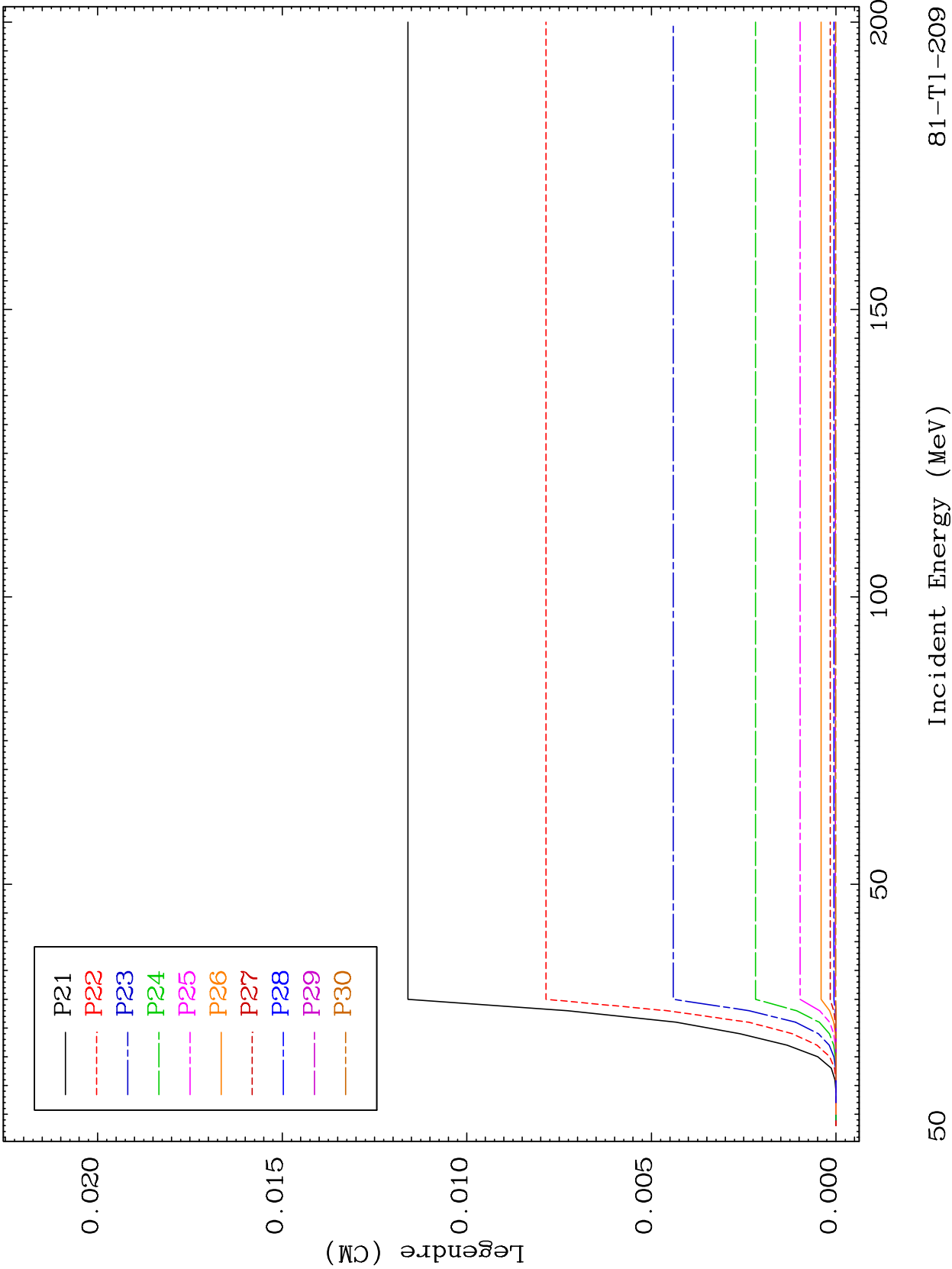
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



81-T1-209

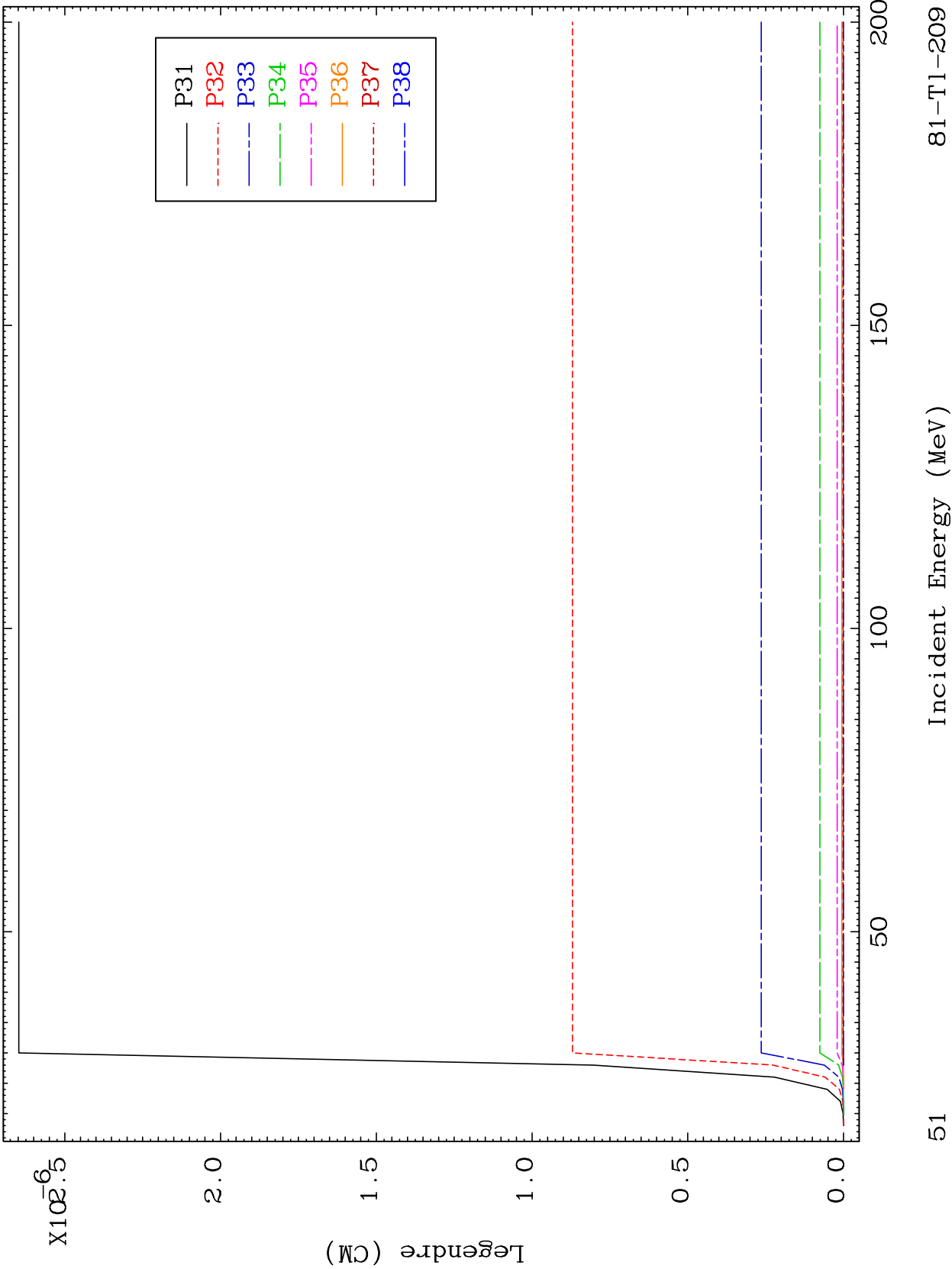
Incident Energy (MeV)

50

MAT 8143

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

81-T1-209



51

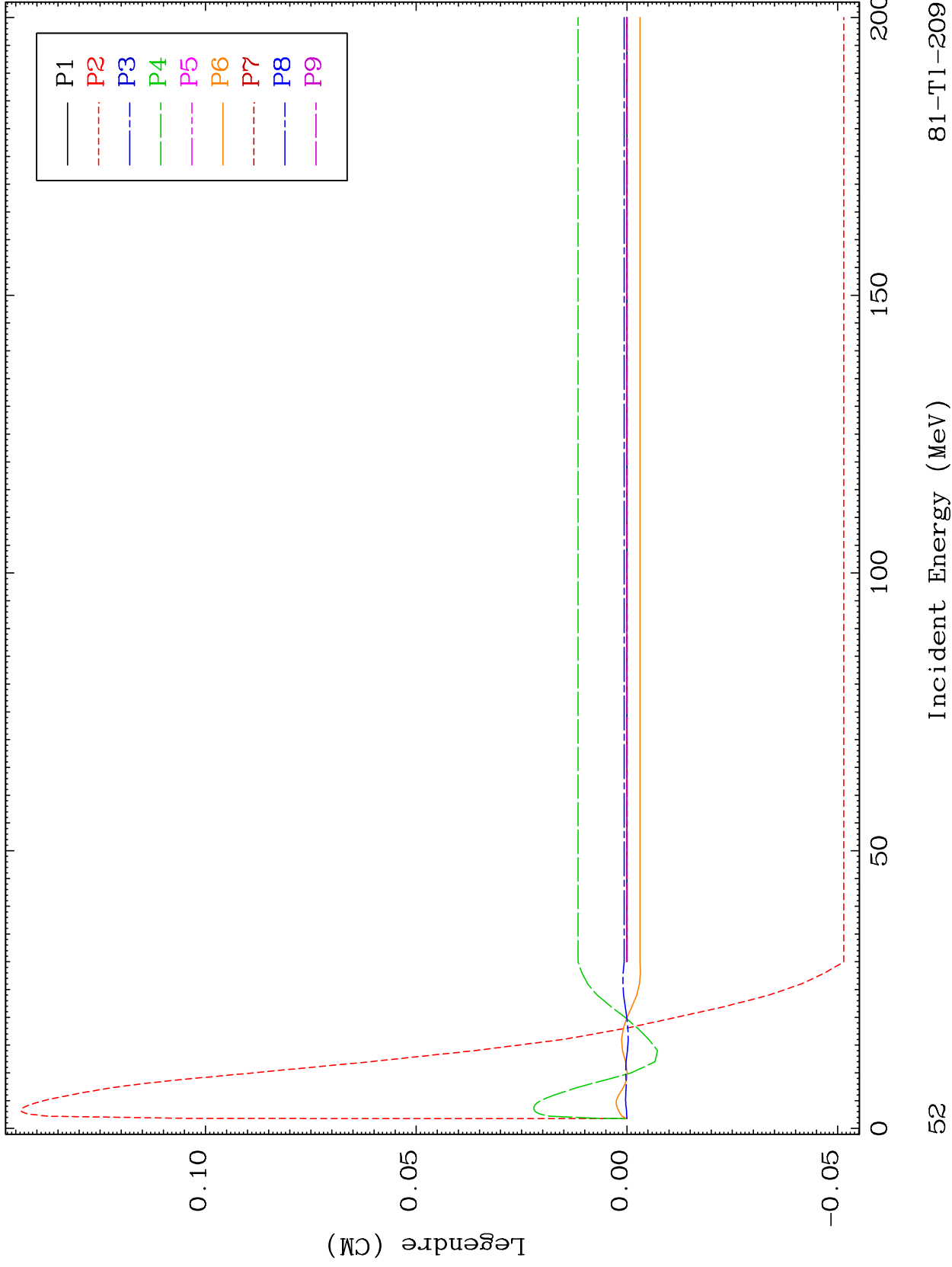
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



81-T1-209

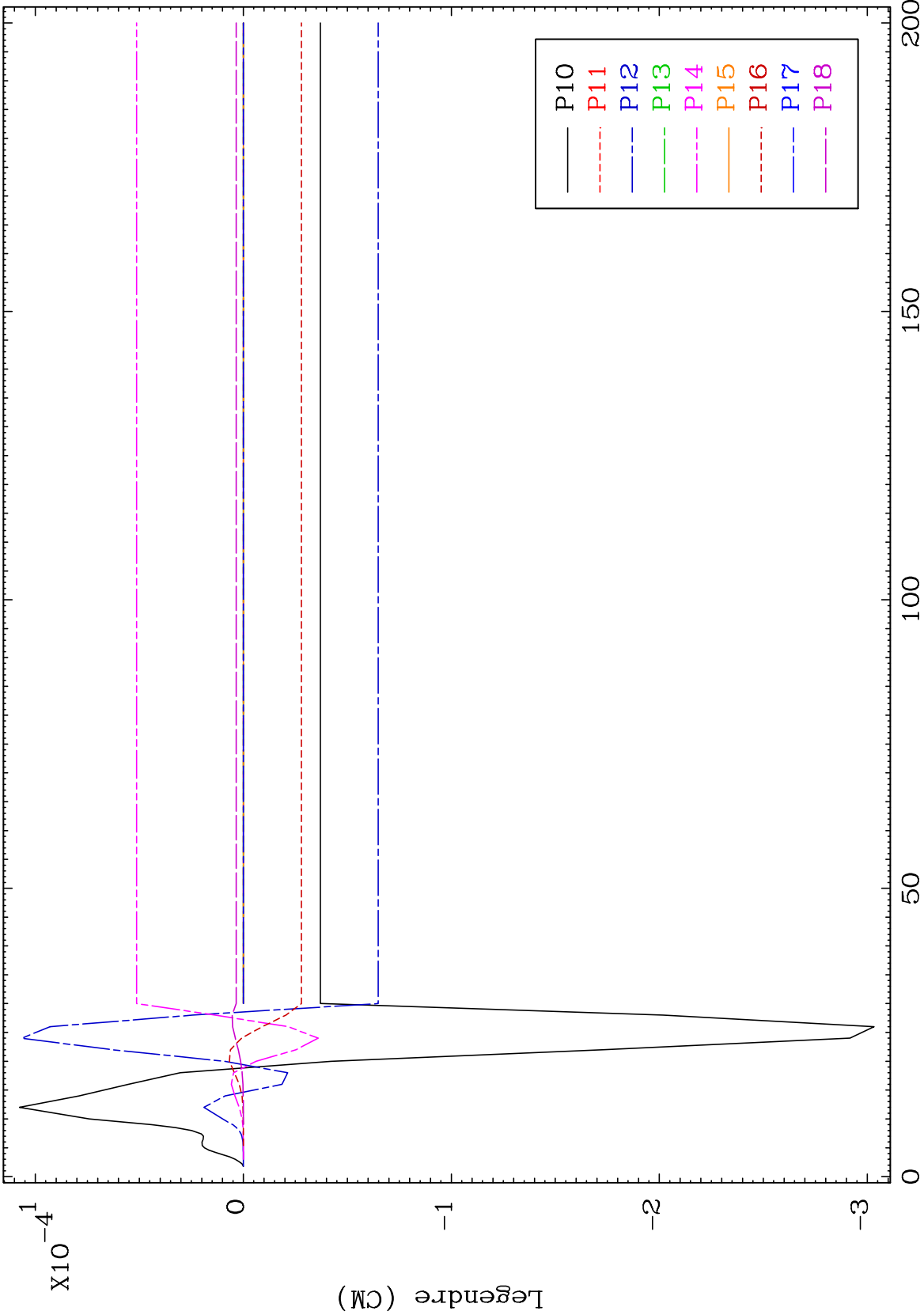
Incident Energy (MeV)

52

MAT 8143

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

81-T1-209



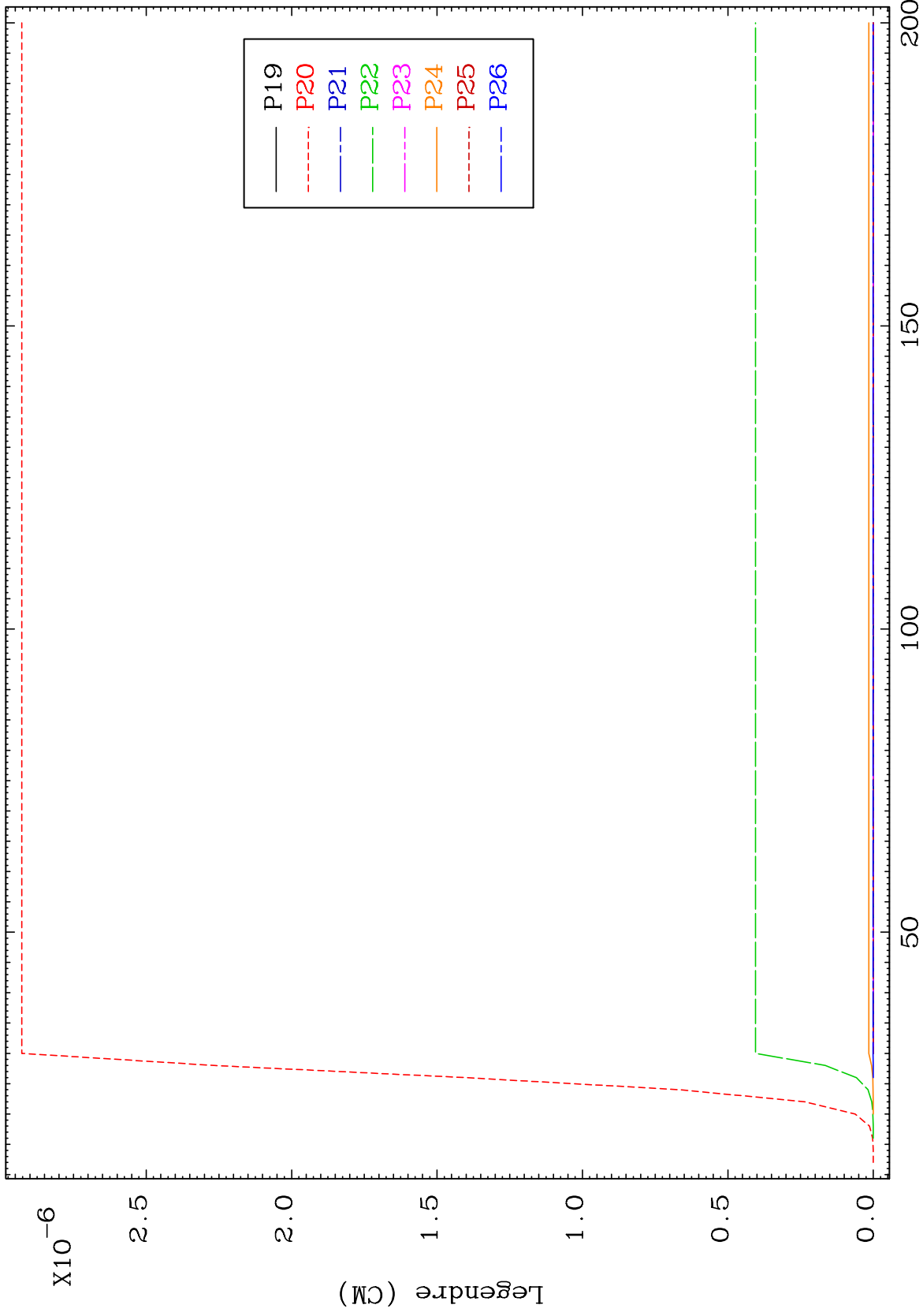
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81-T1-209

MAT 8143

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

81-T1-209



54

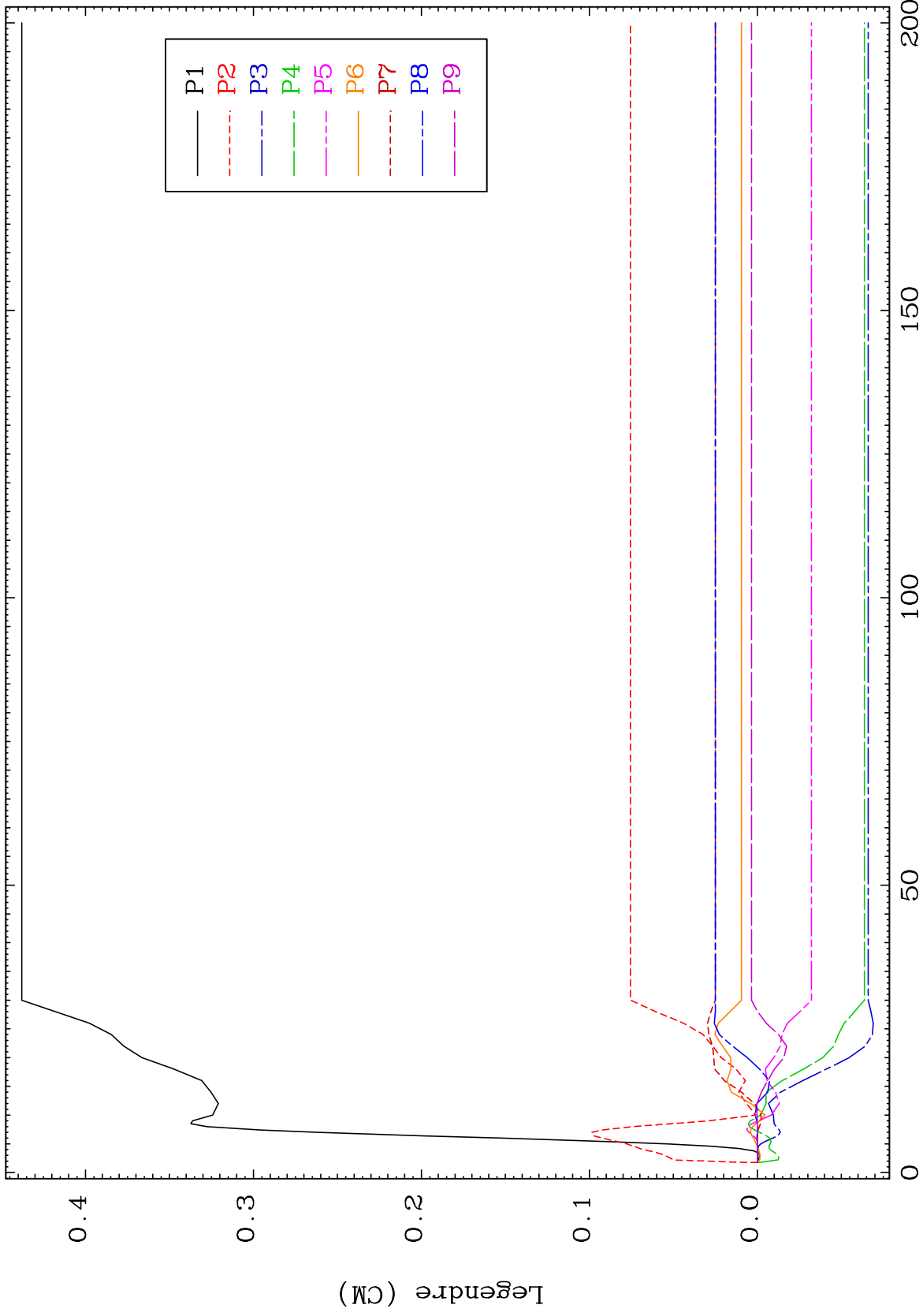
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



55

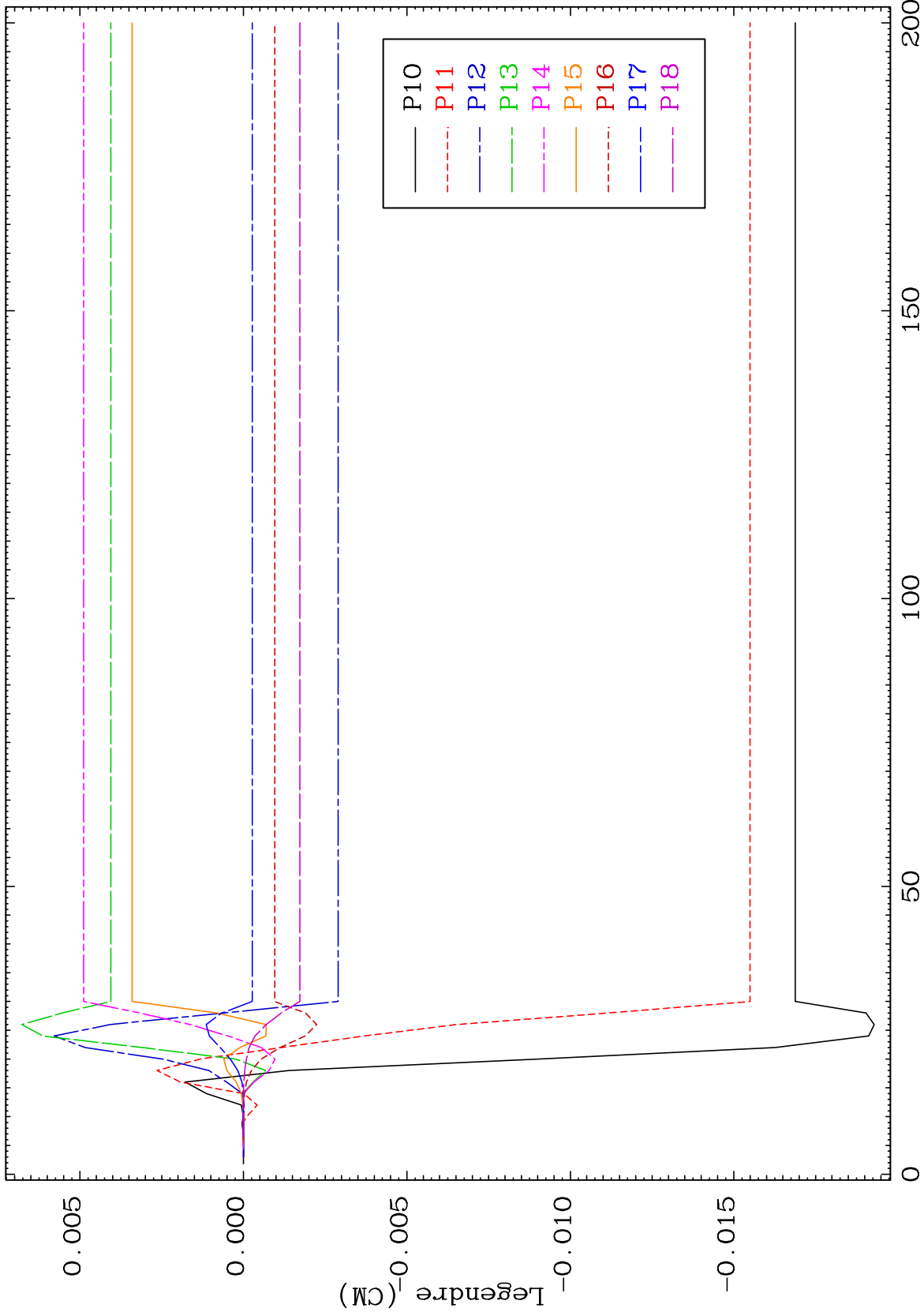
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



56

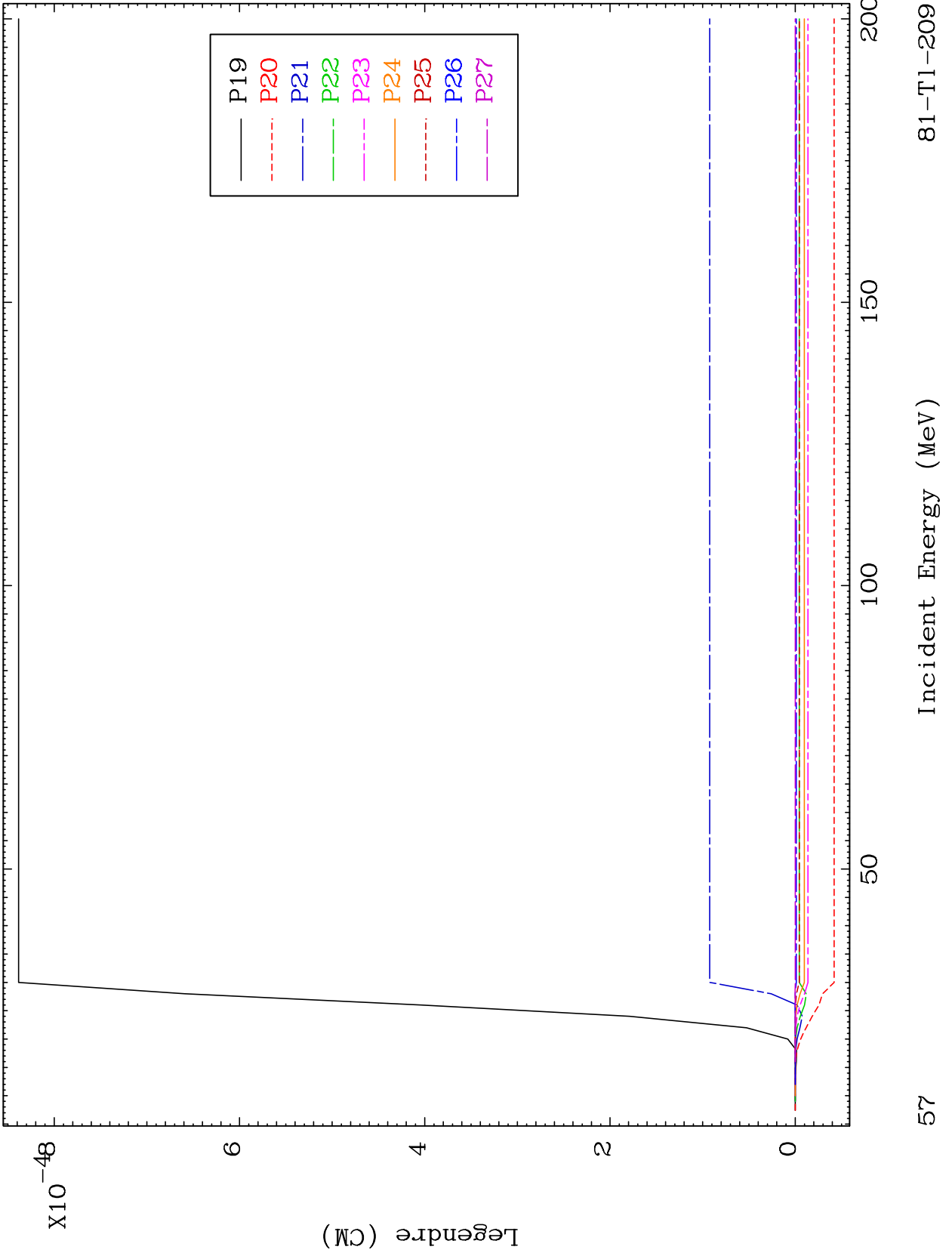
Incident Energy (MeV)

81-T1-209

MAT 8143

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

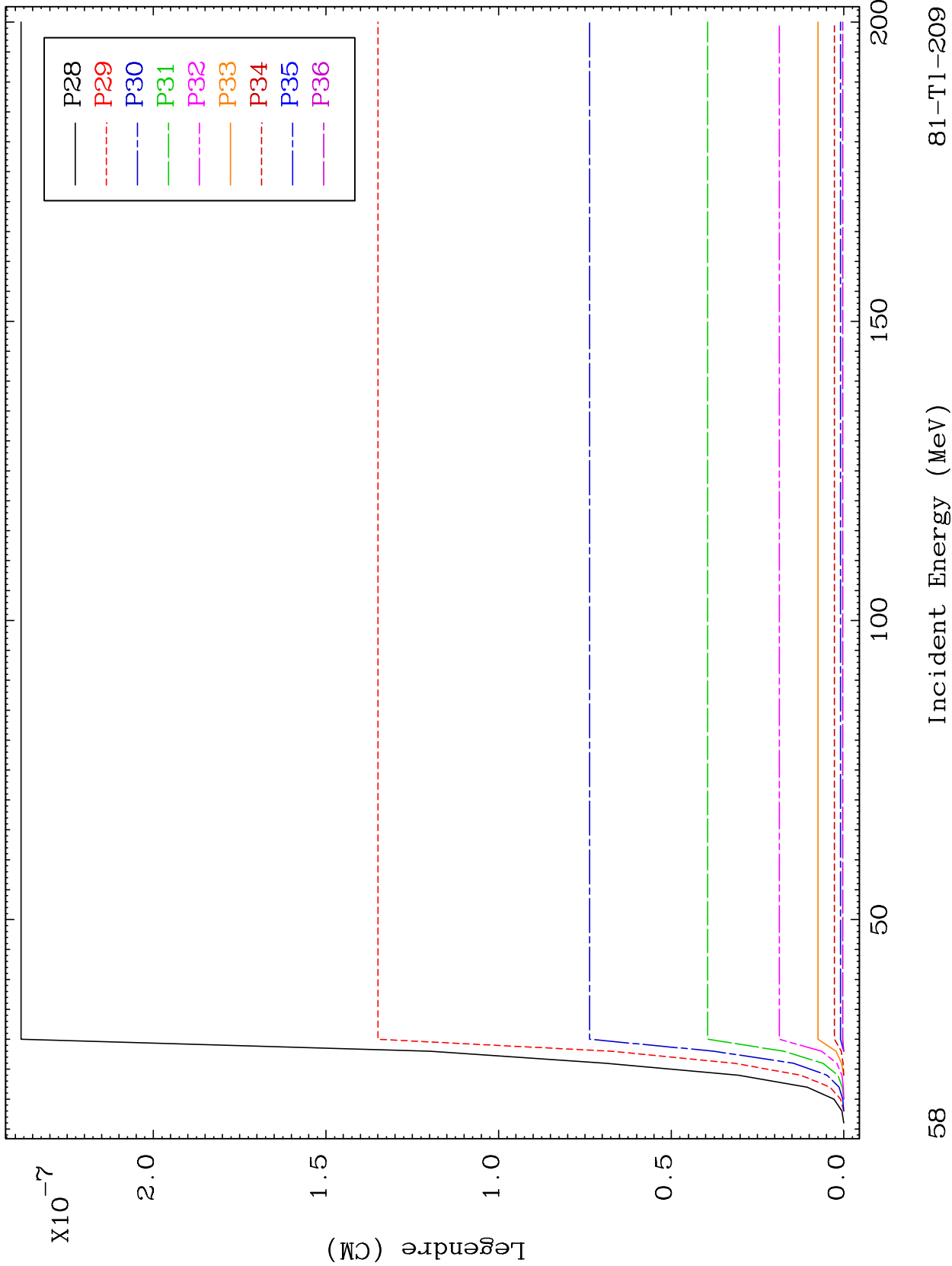
81-T1-209



MAT 8143

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

81-Tl-209



58

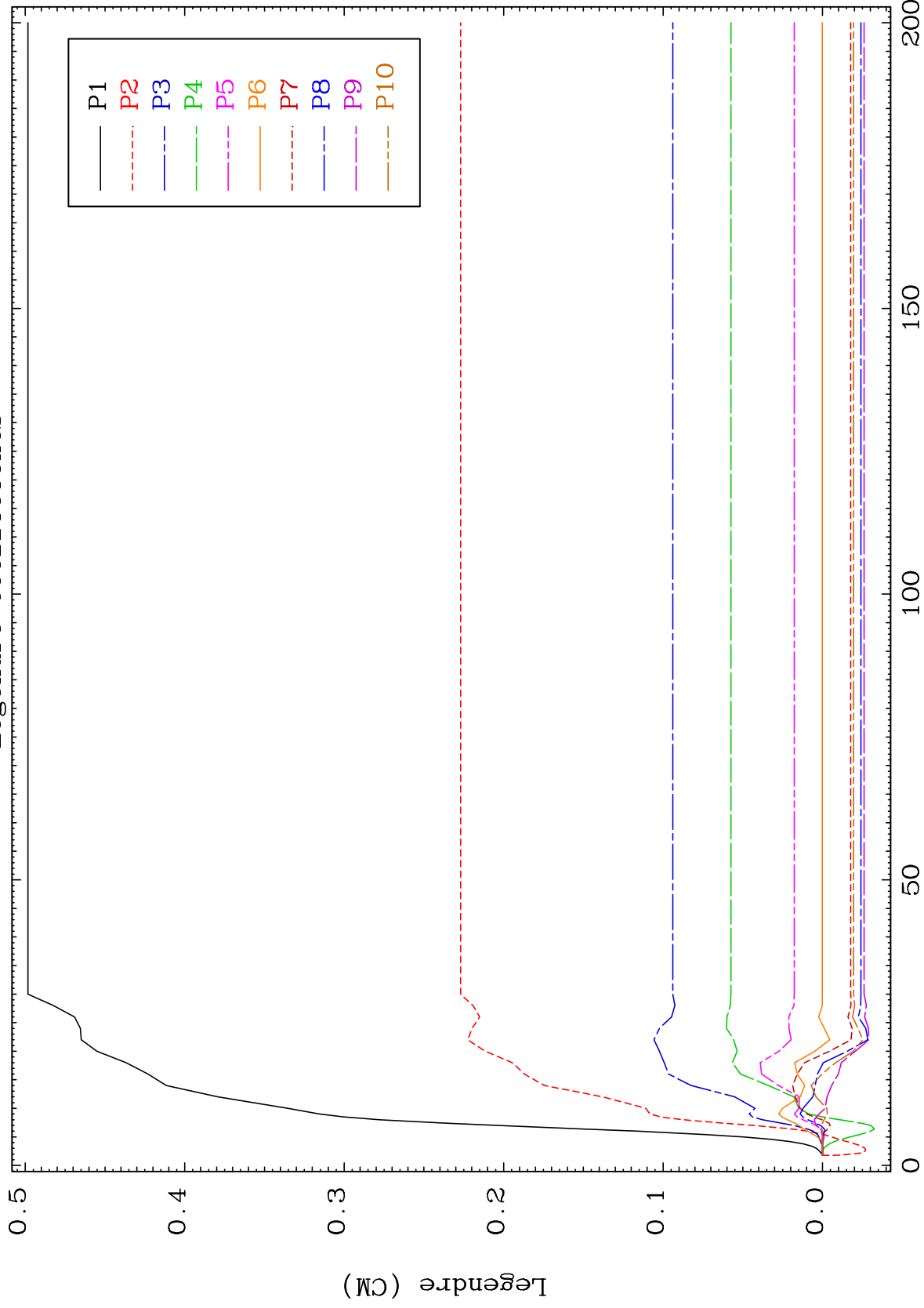
Incident Energy (MeV)

81-Tl-209

MAT 8143

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

81-T1-209



Incident Energy (MeV)

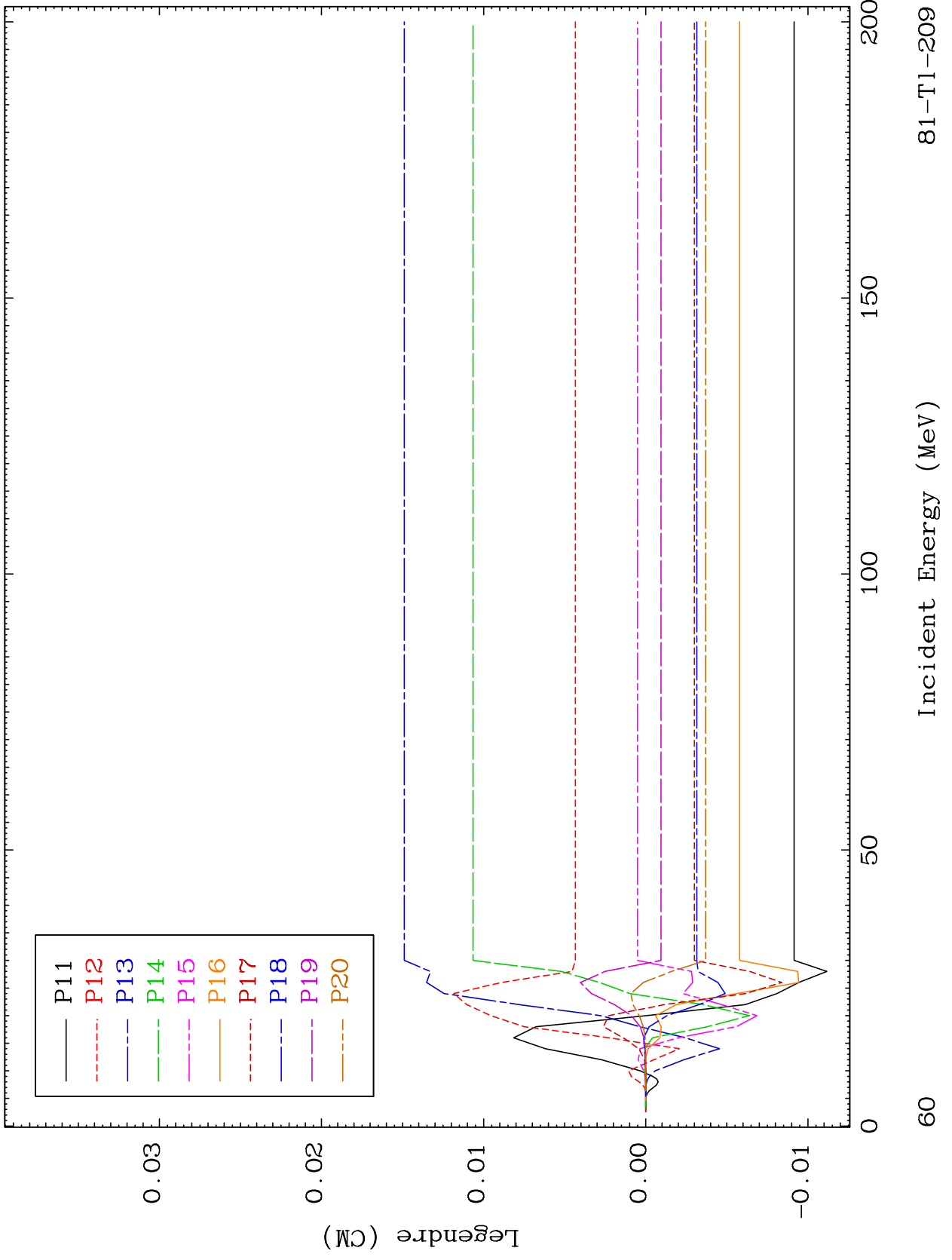
81-T1-209

59

MAT 8143

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

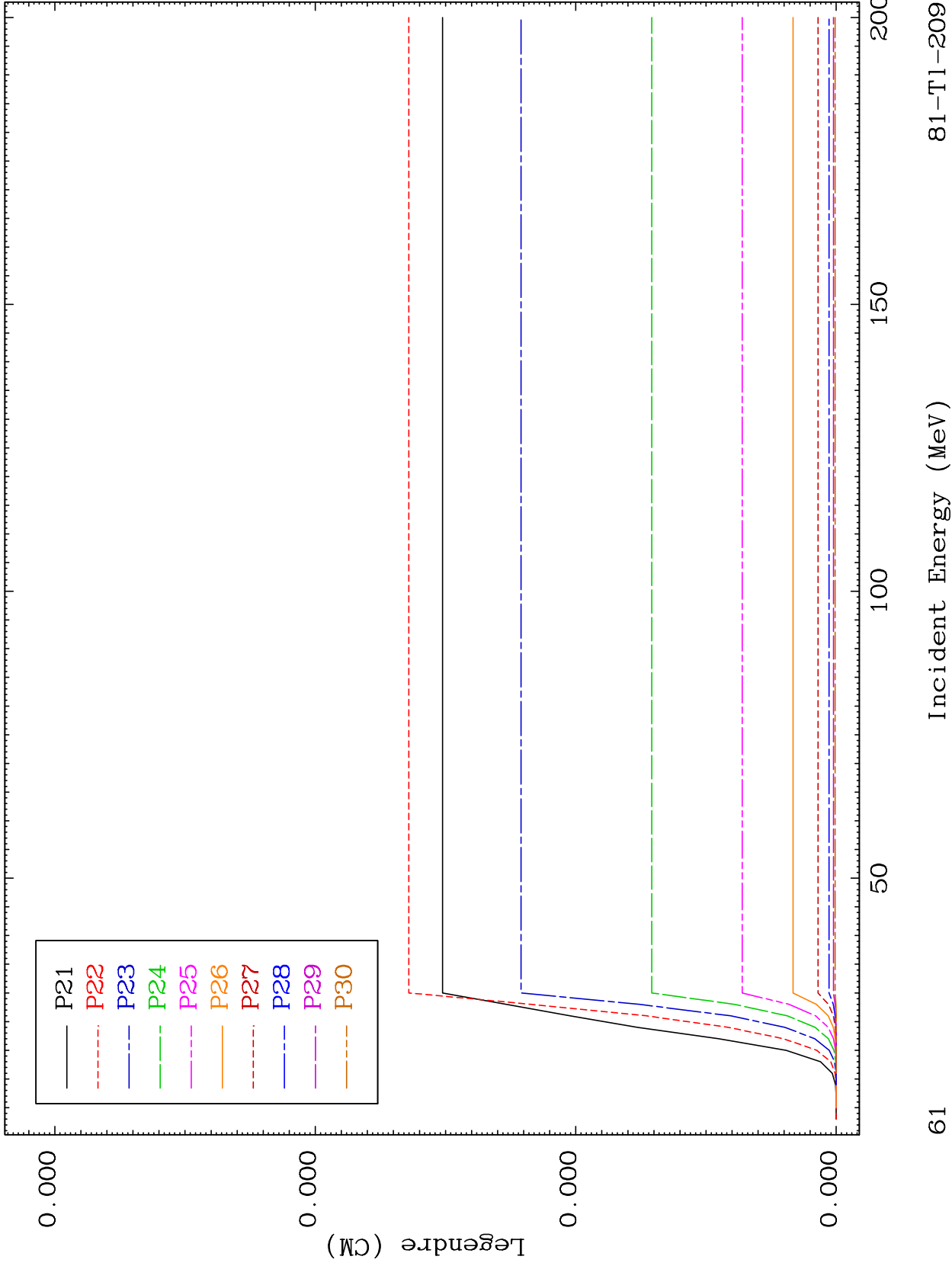
81-T1-209



MAT 8143

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

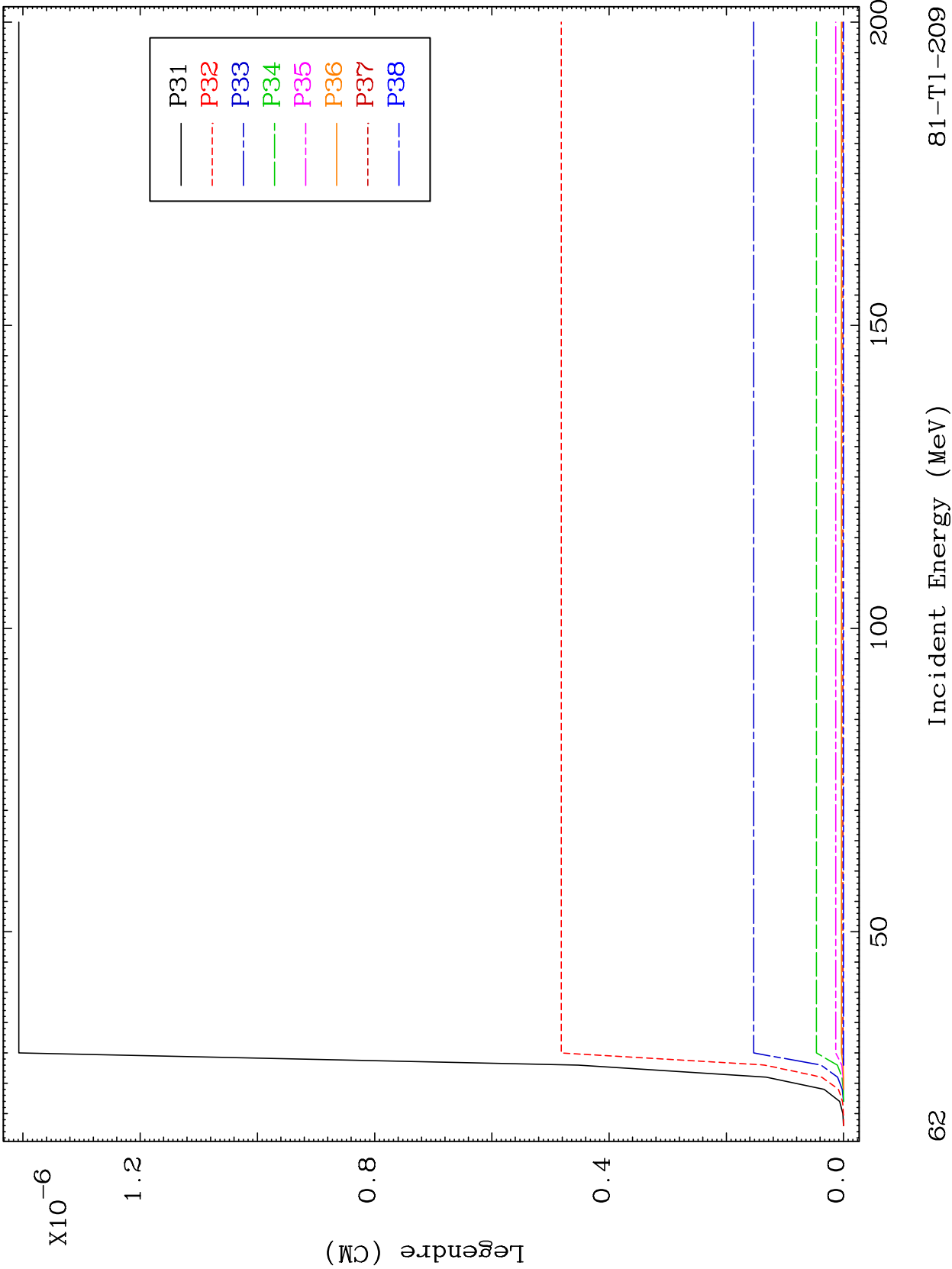
81-Tl-209



MAT 8143

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

81-T1-209



62

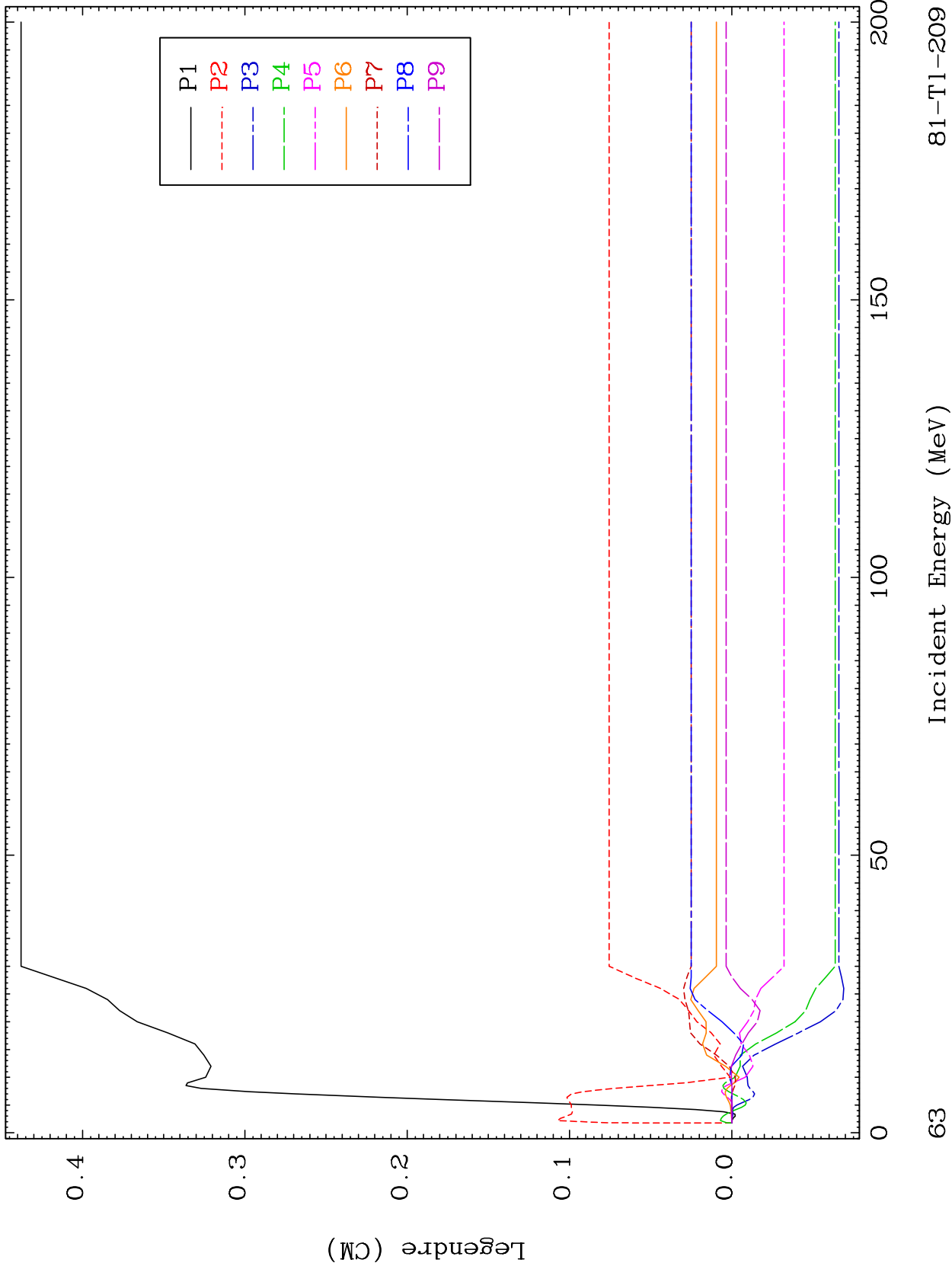
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



81-T1-209

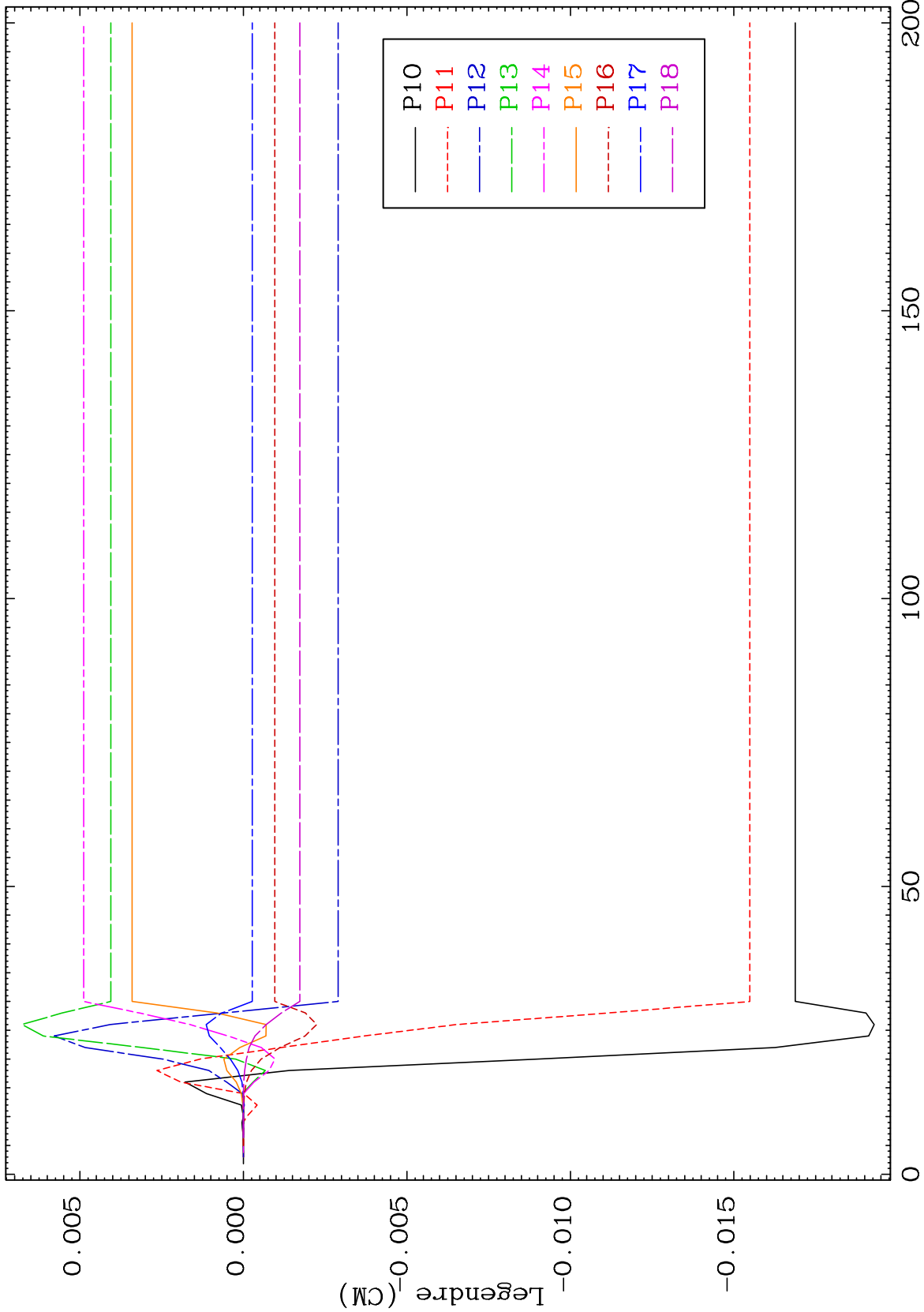
Incident Energy (MeV)

63

MAT 8143

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

81-T1-209



64

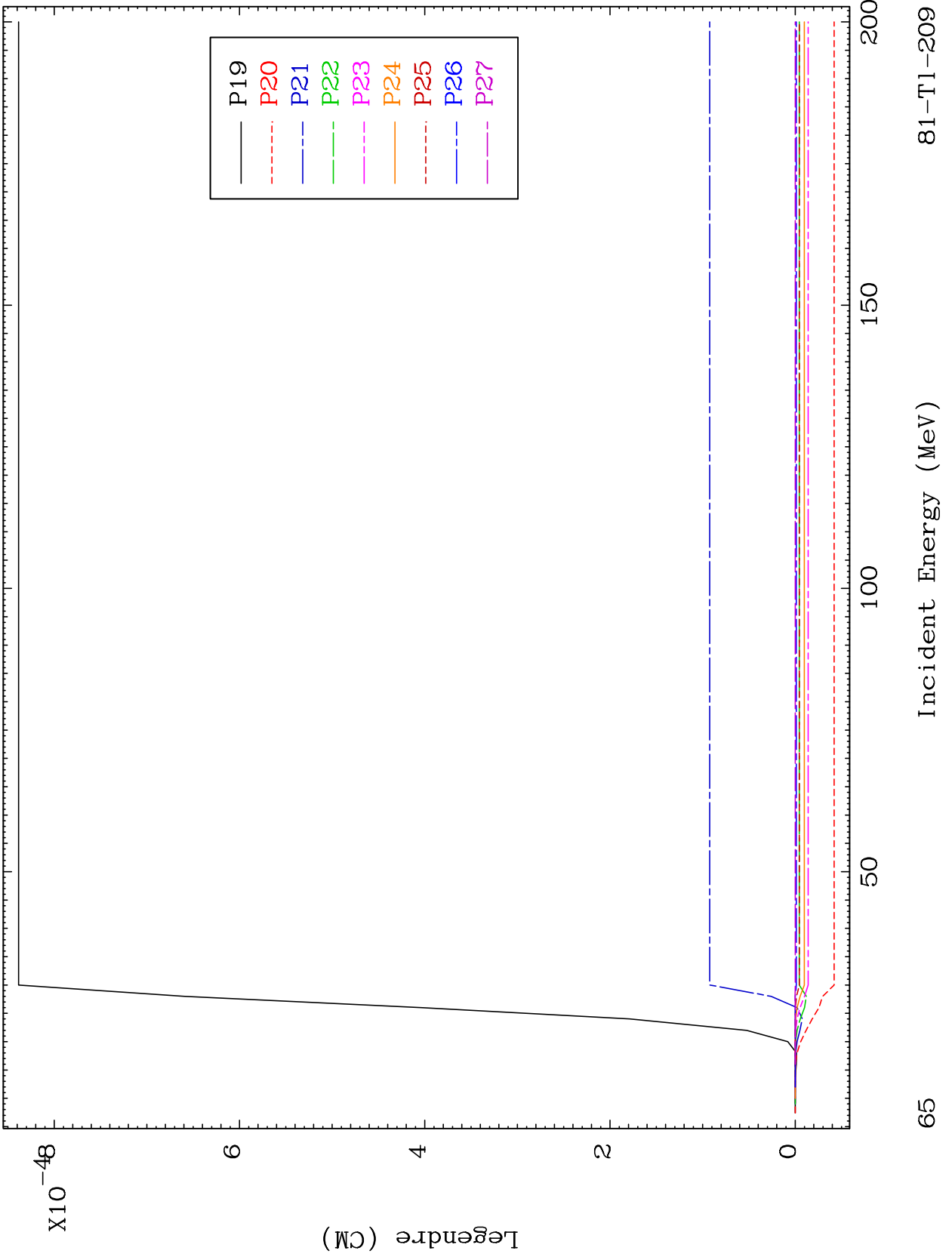
Incident Energy (MeV)

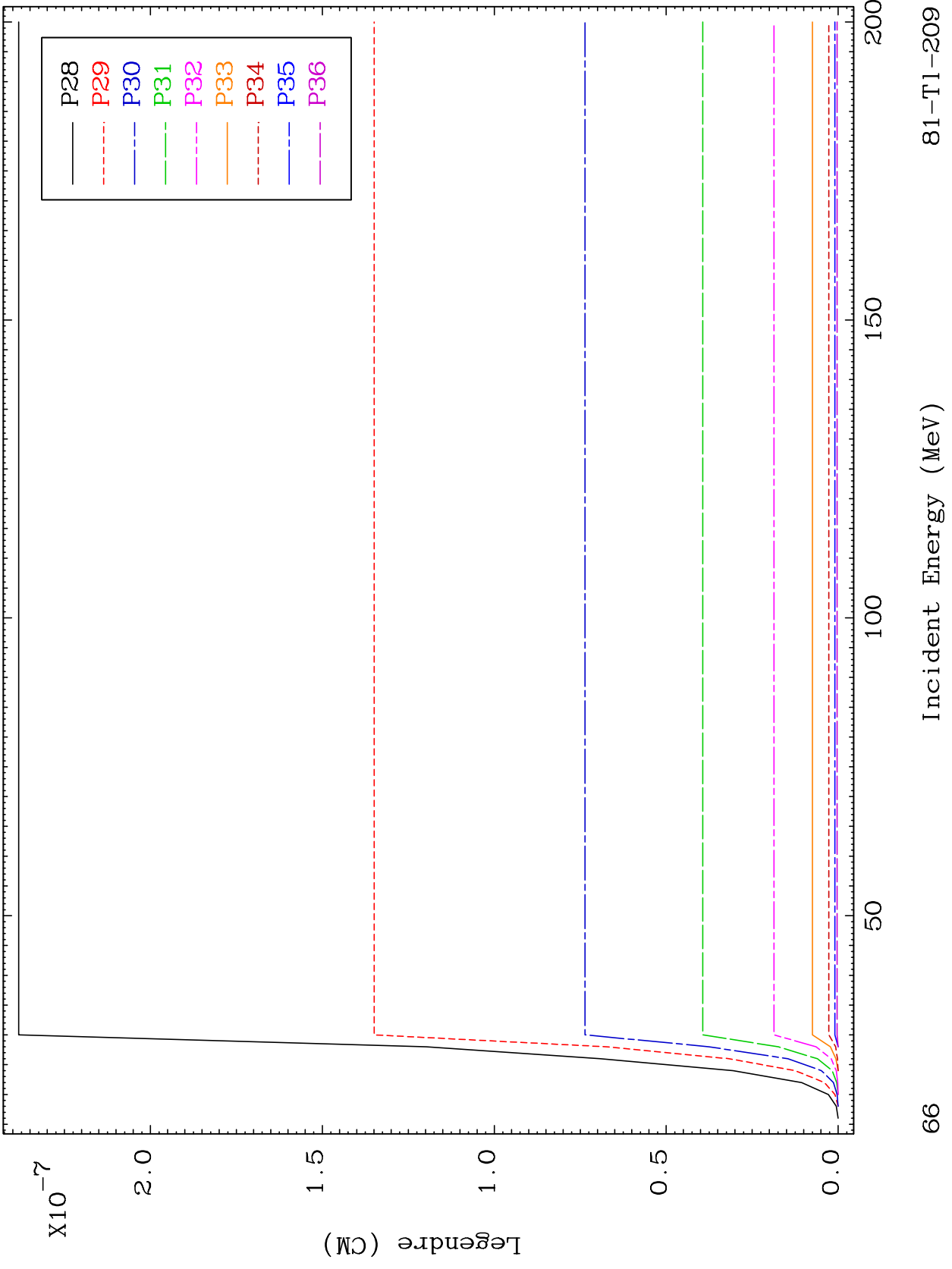
81-T1-209

MAT 8143

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

81-T1-209

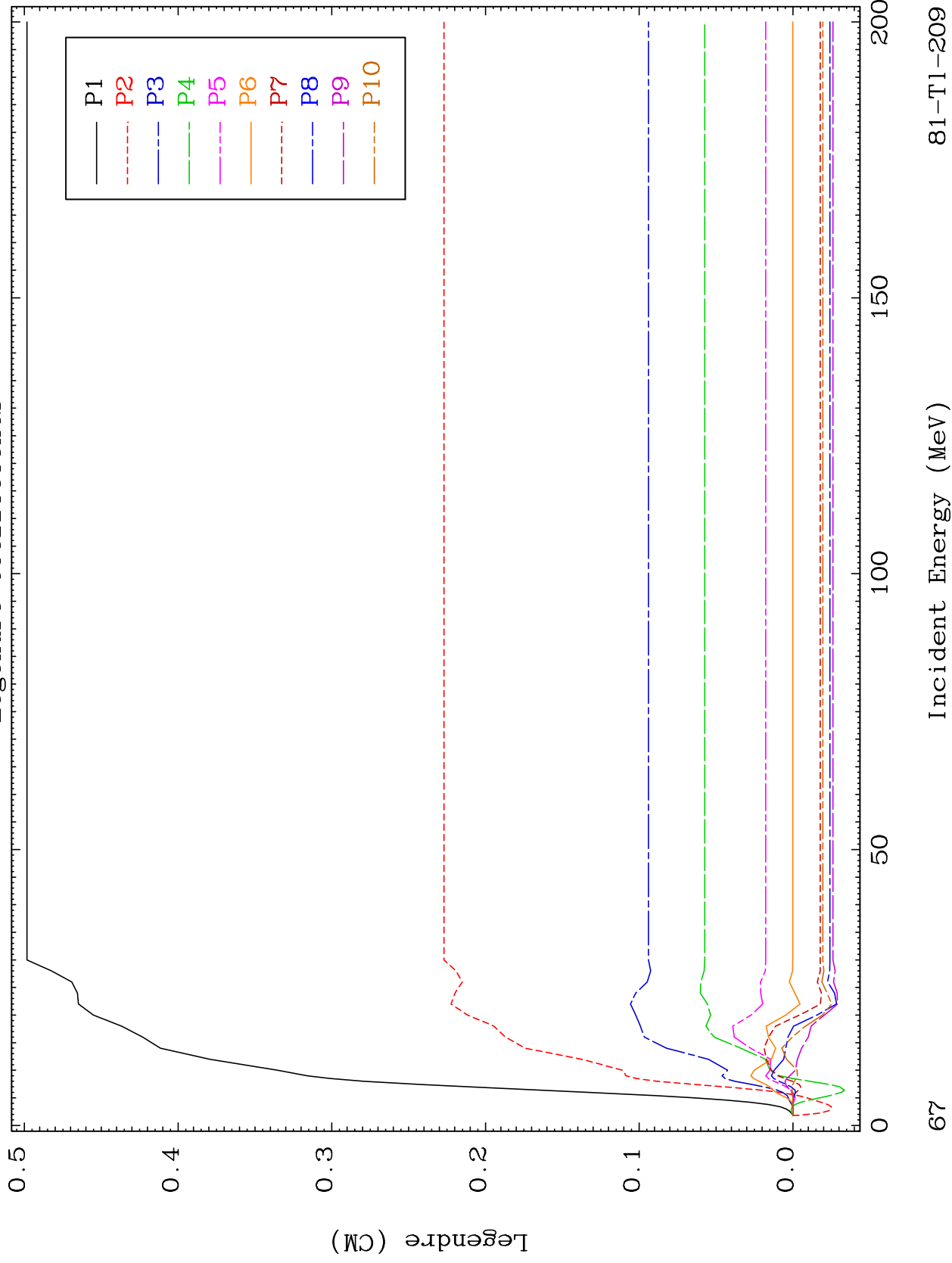




MAT 8143

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

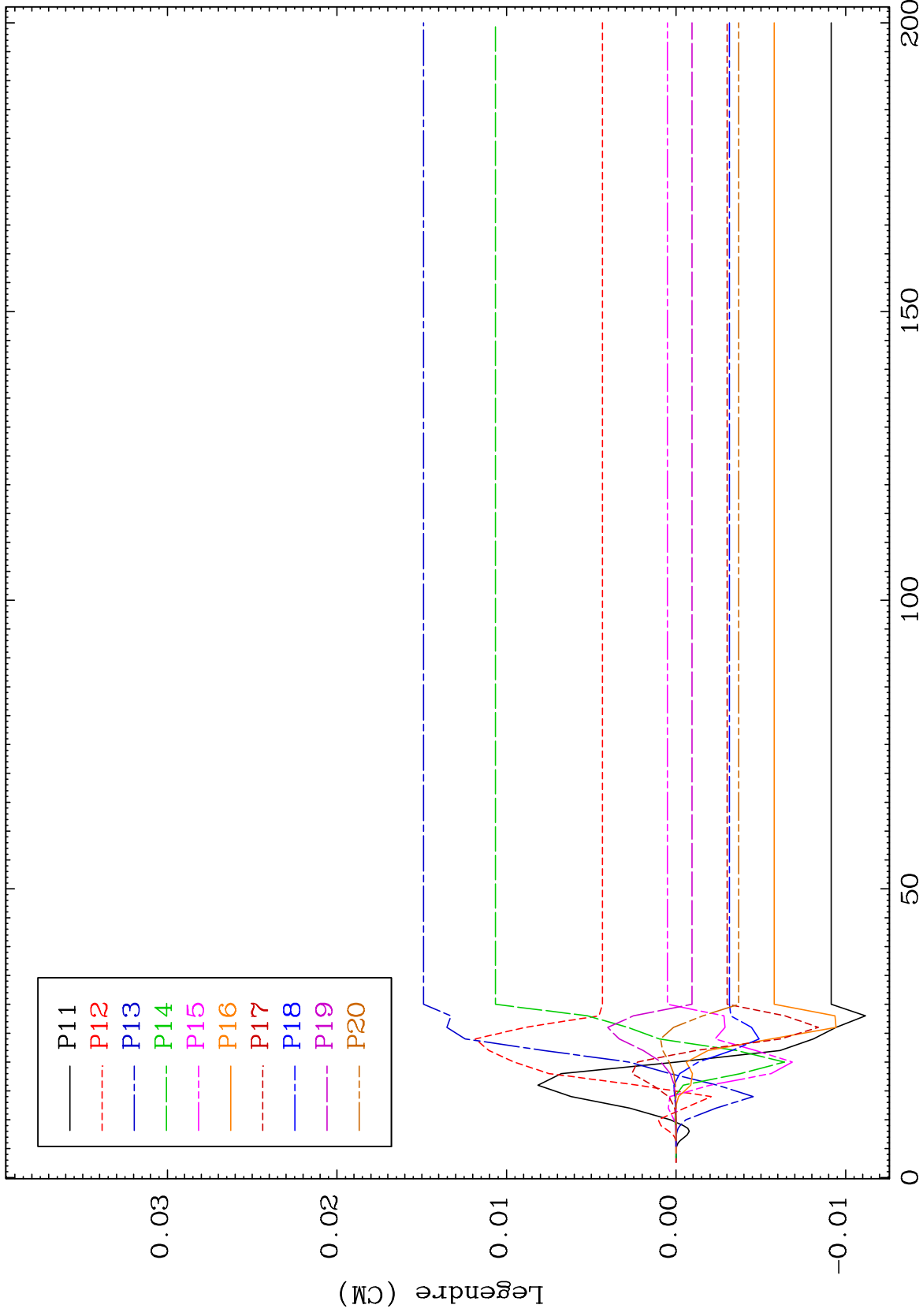
81-T1-209



MAT 8143

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

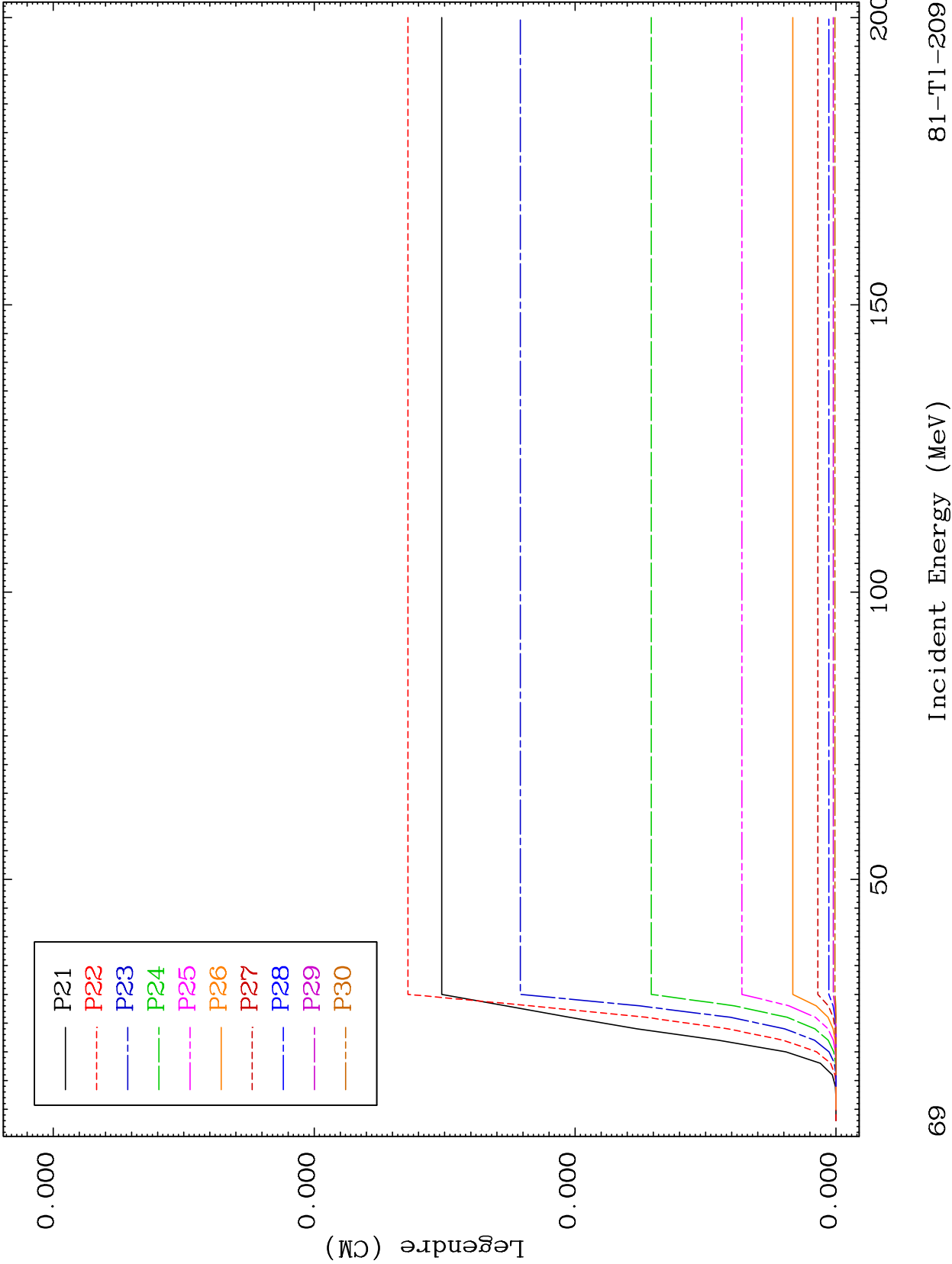
81-T1-209



68

Incident Energy (MeV)

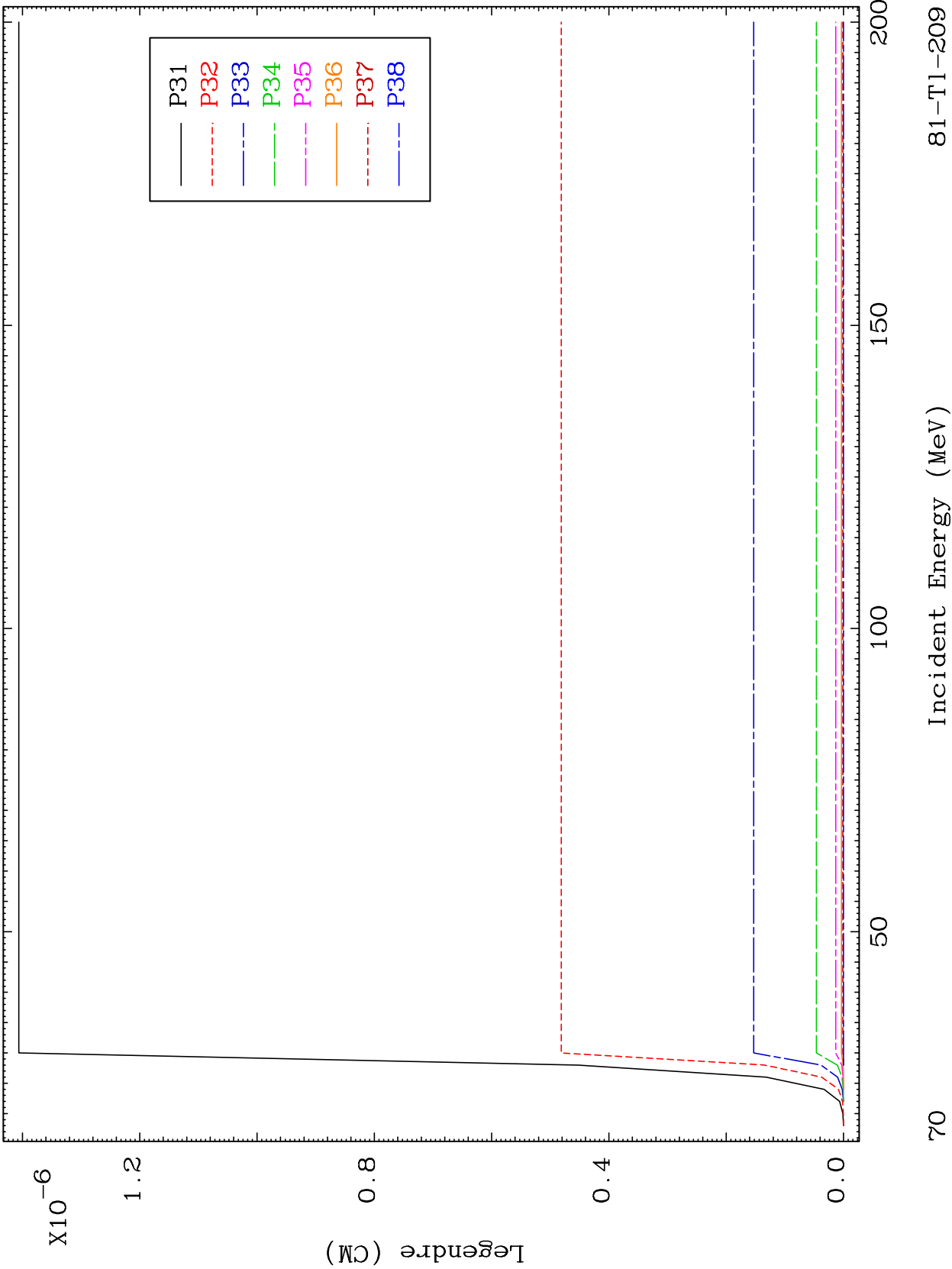
81-T1-209



MAT 8143

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

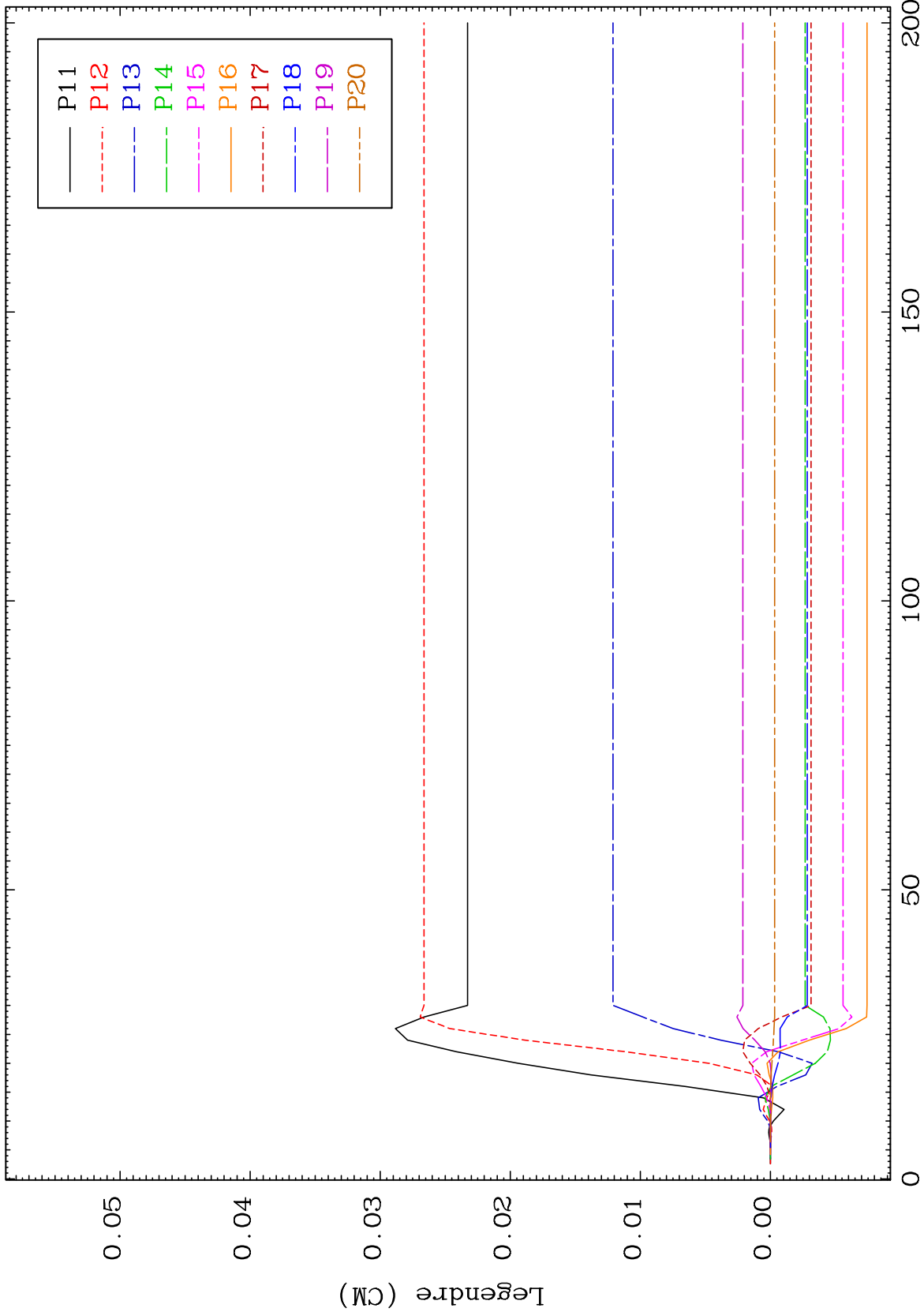
81-T1-209



MAT 8143

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

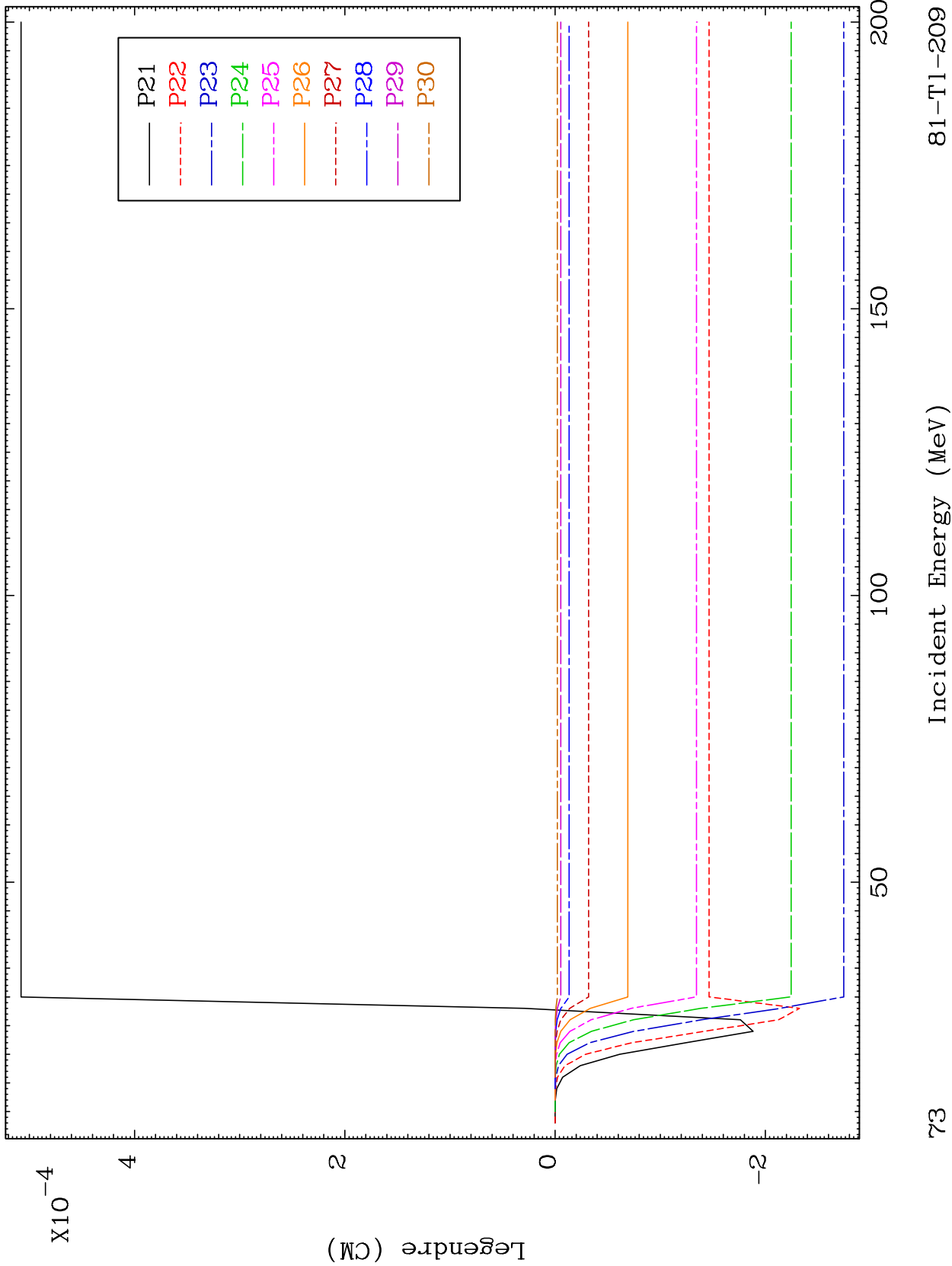
81-T1-209

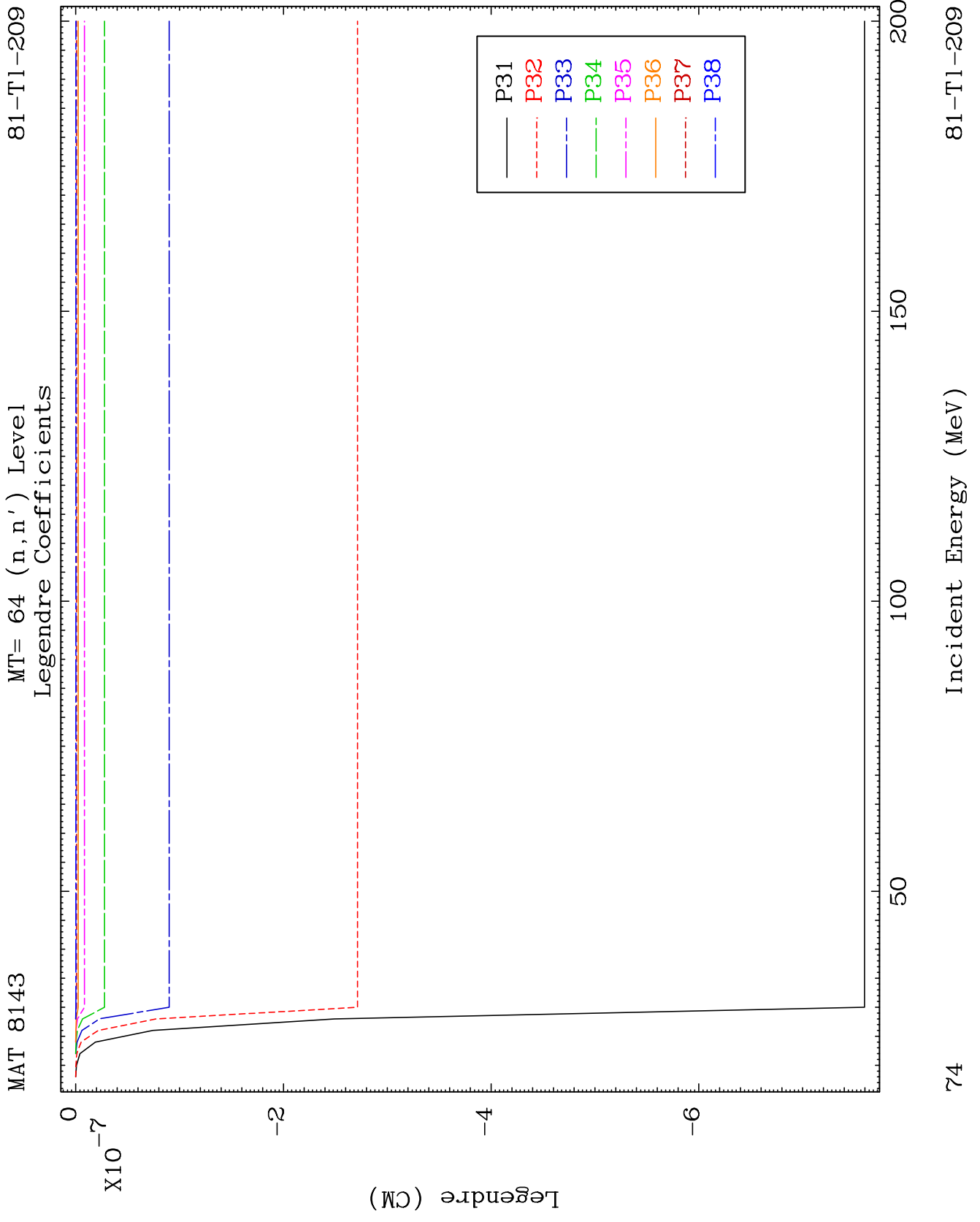


72

Incident Energy (MeV)

81-T1-209

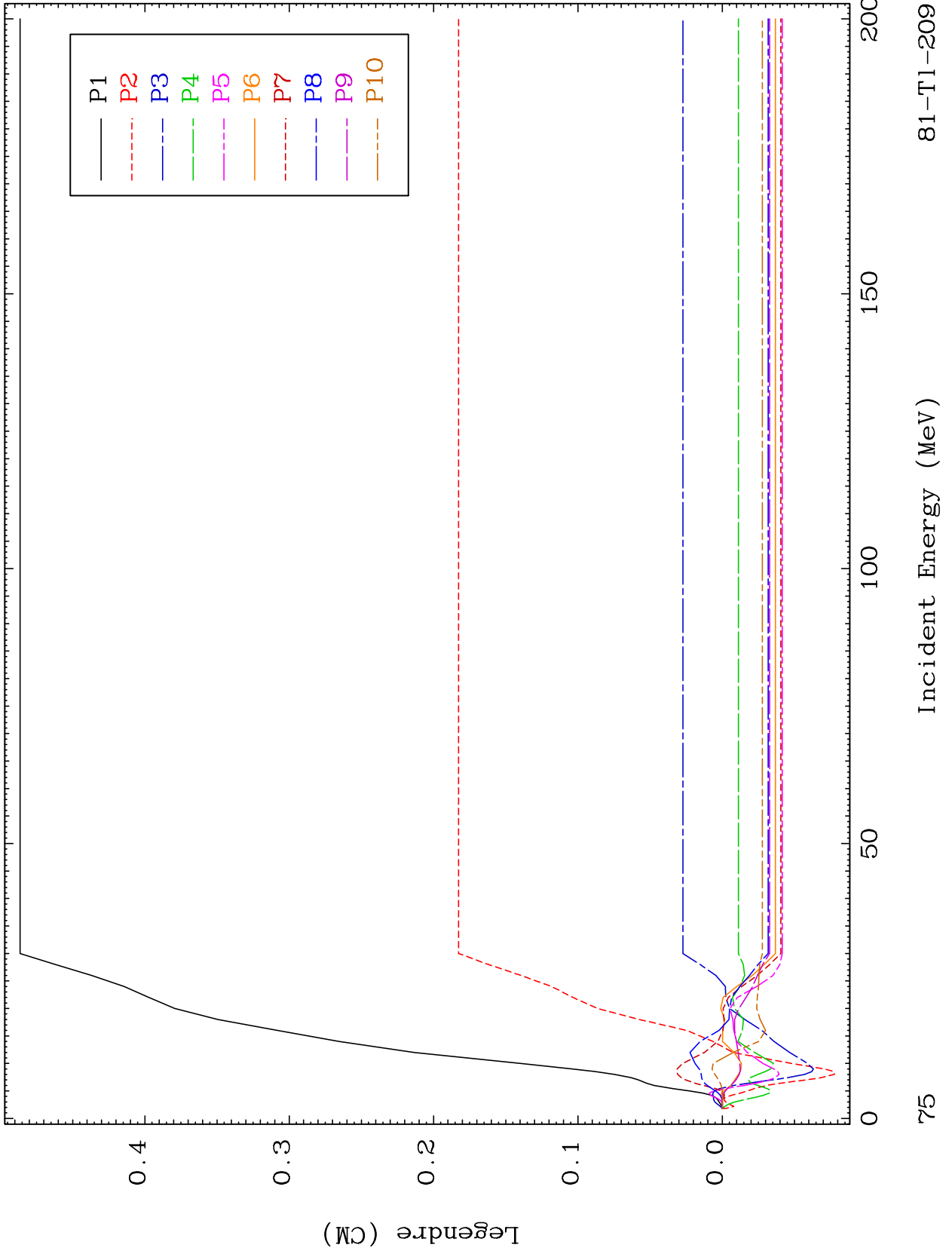




MAT 8143

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

81-Tl-209



81-Tl-209

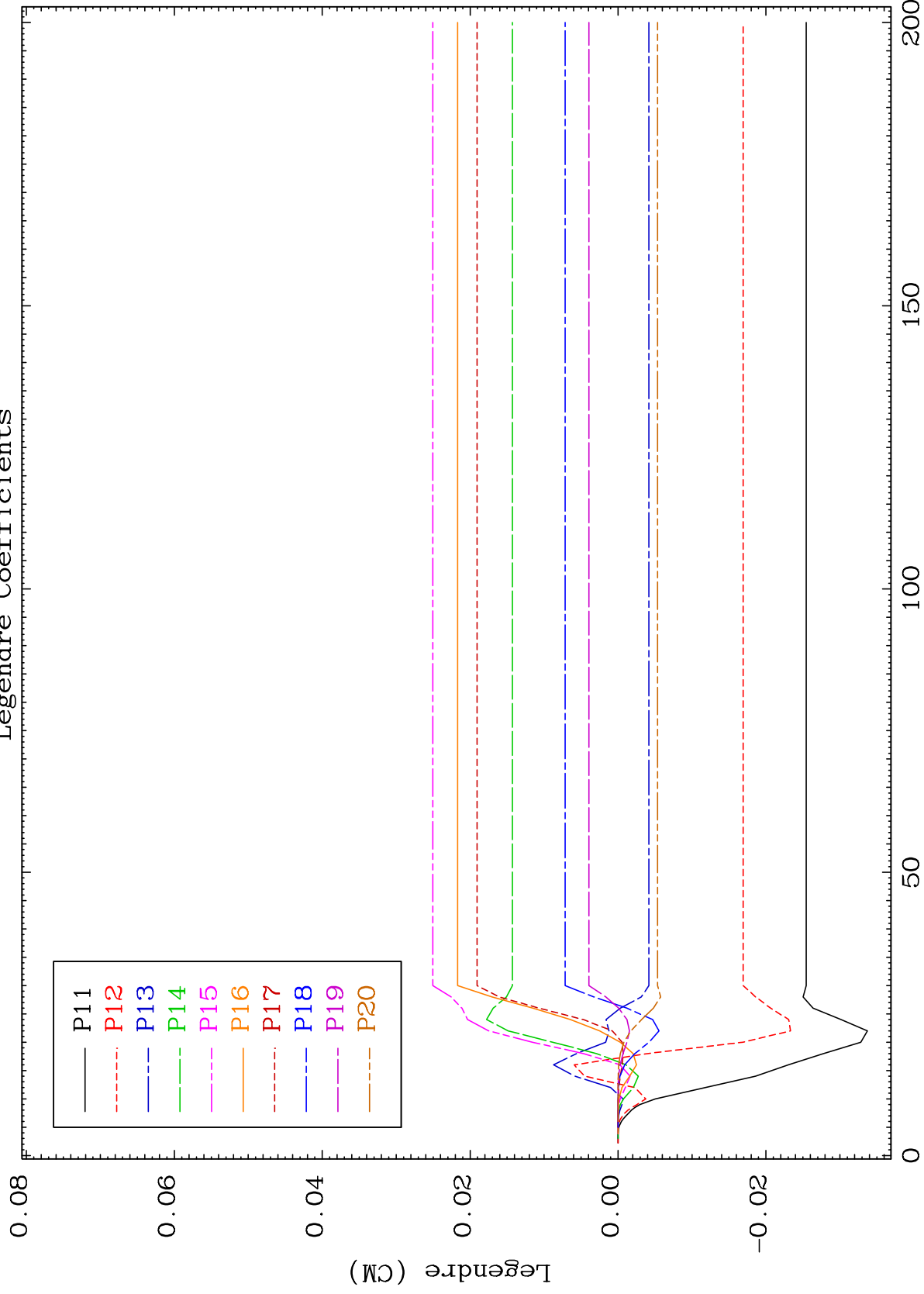
Incident Energy (MeV)

75

MAT 8143

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

81-T1-209



76

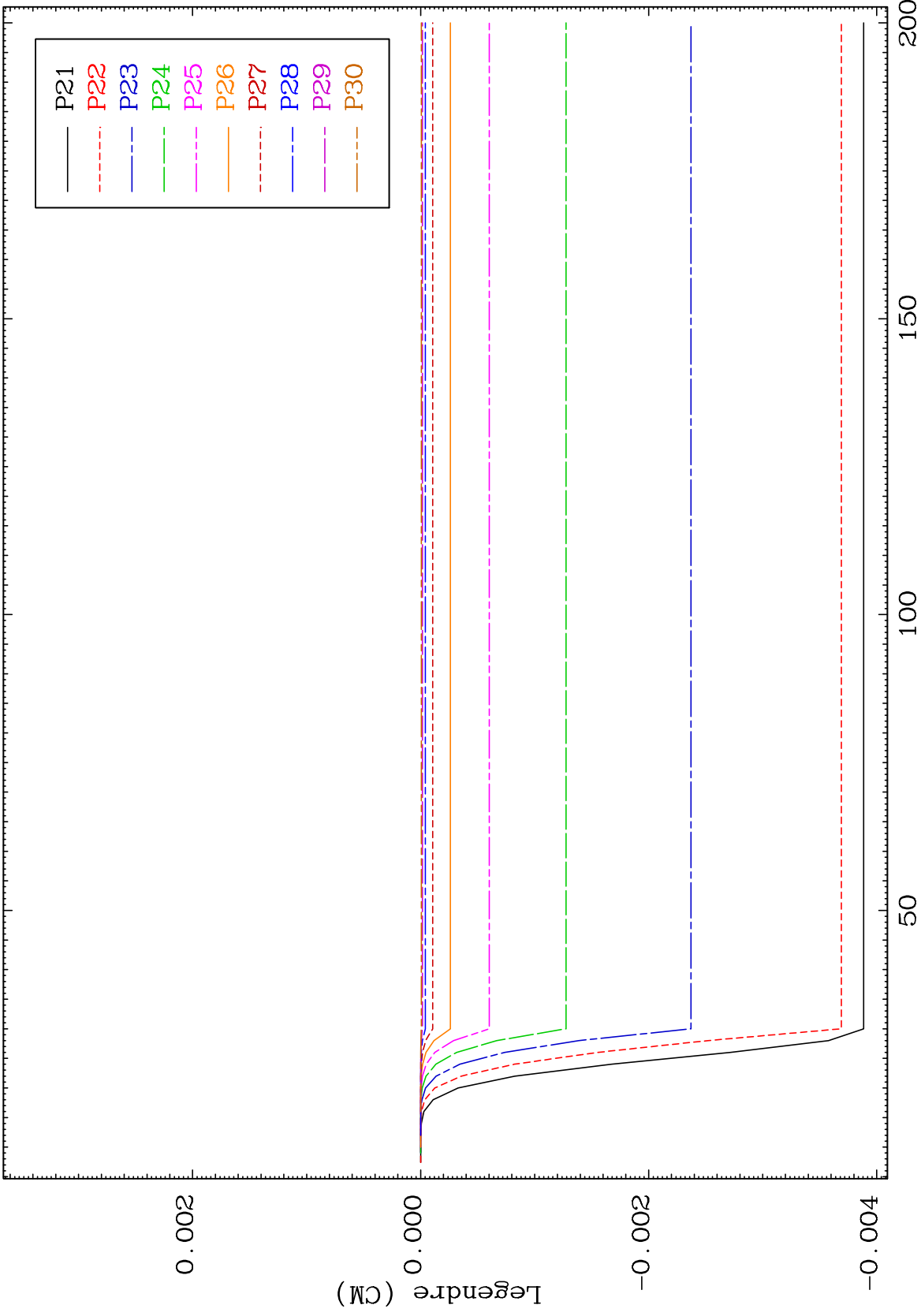
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



77

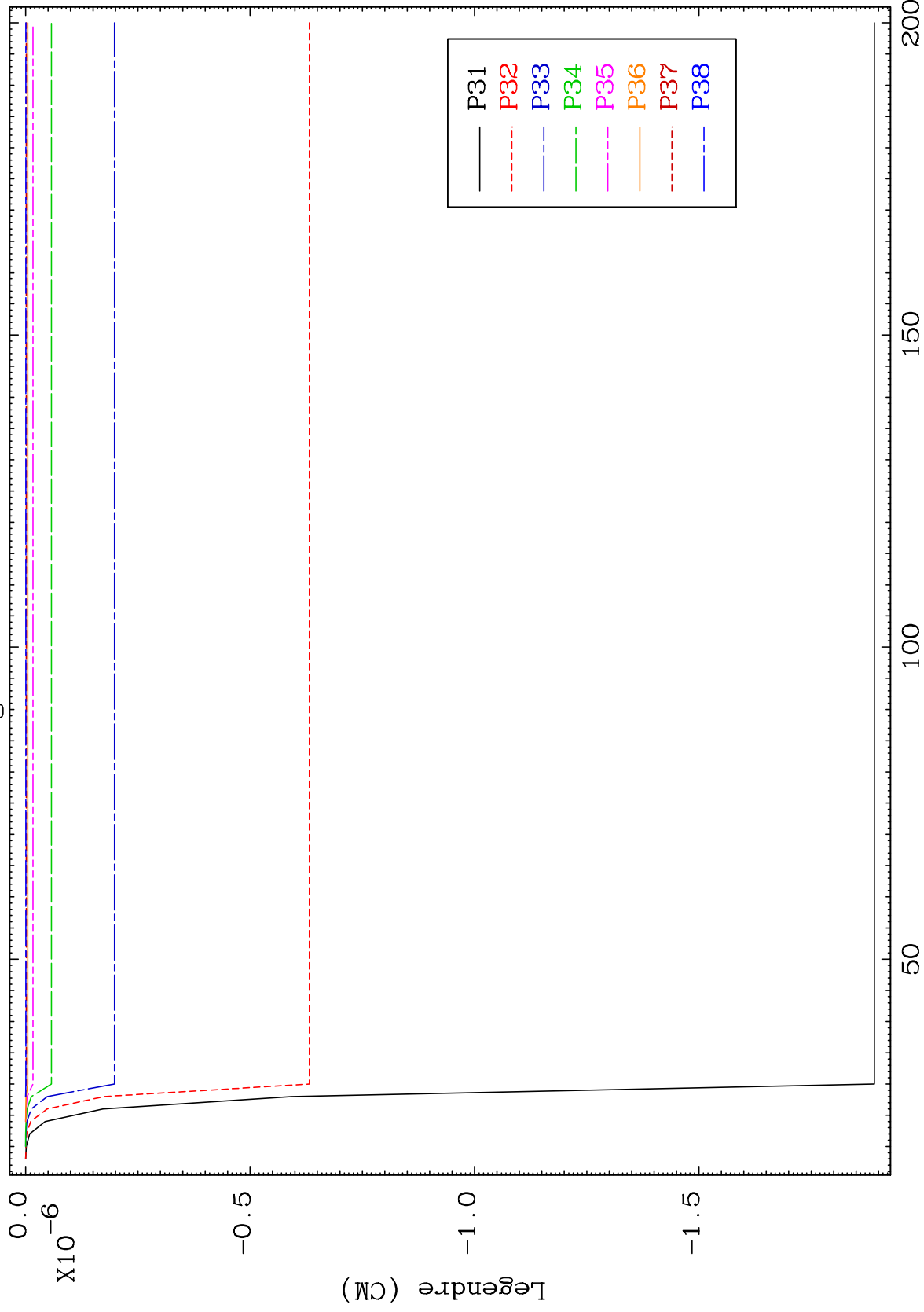
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



78

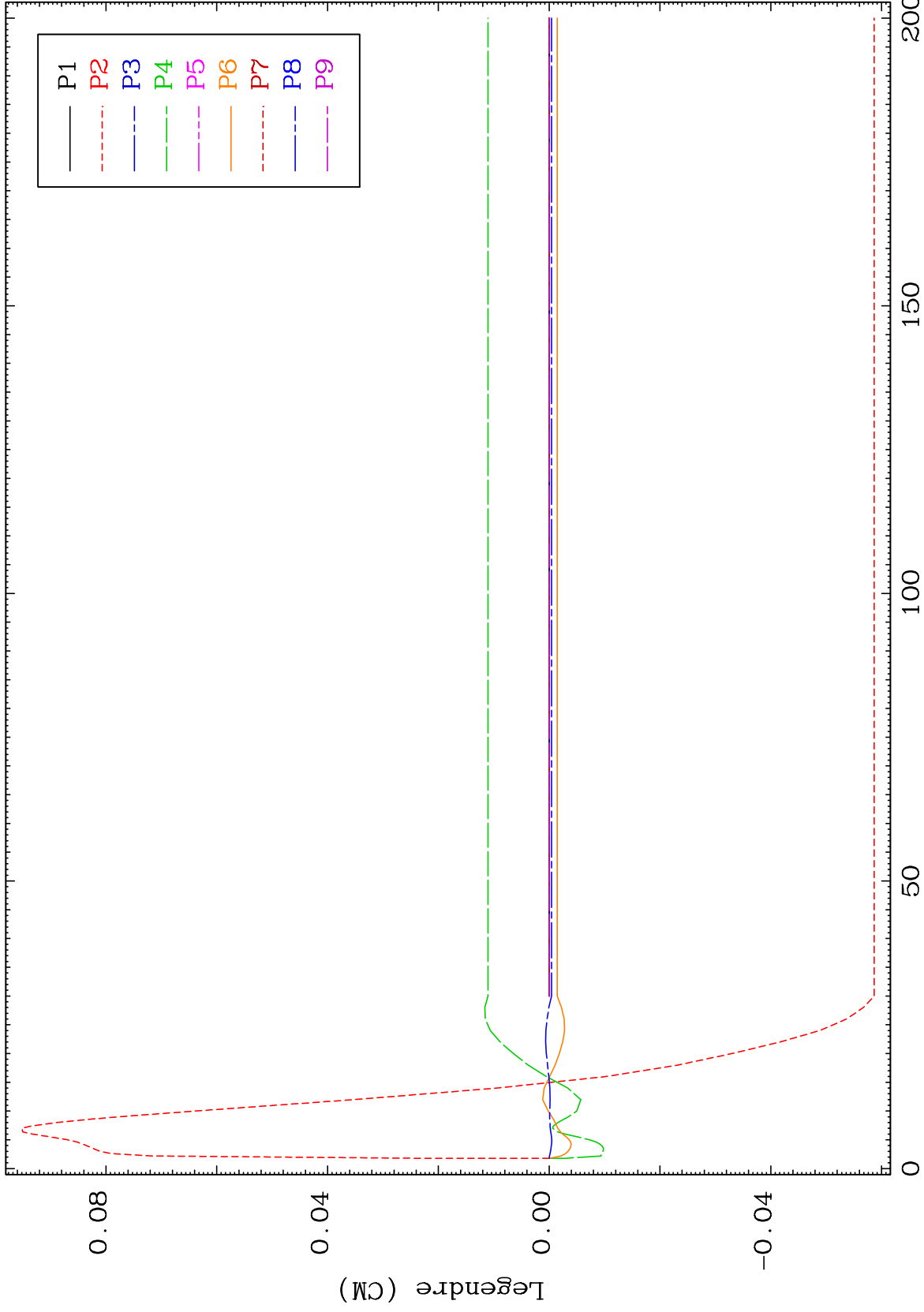
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



79

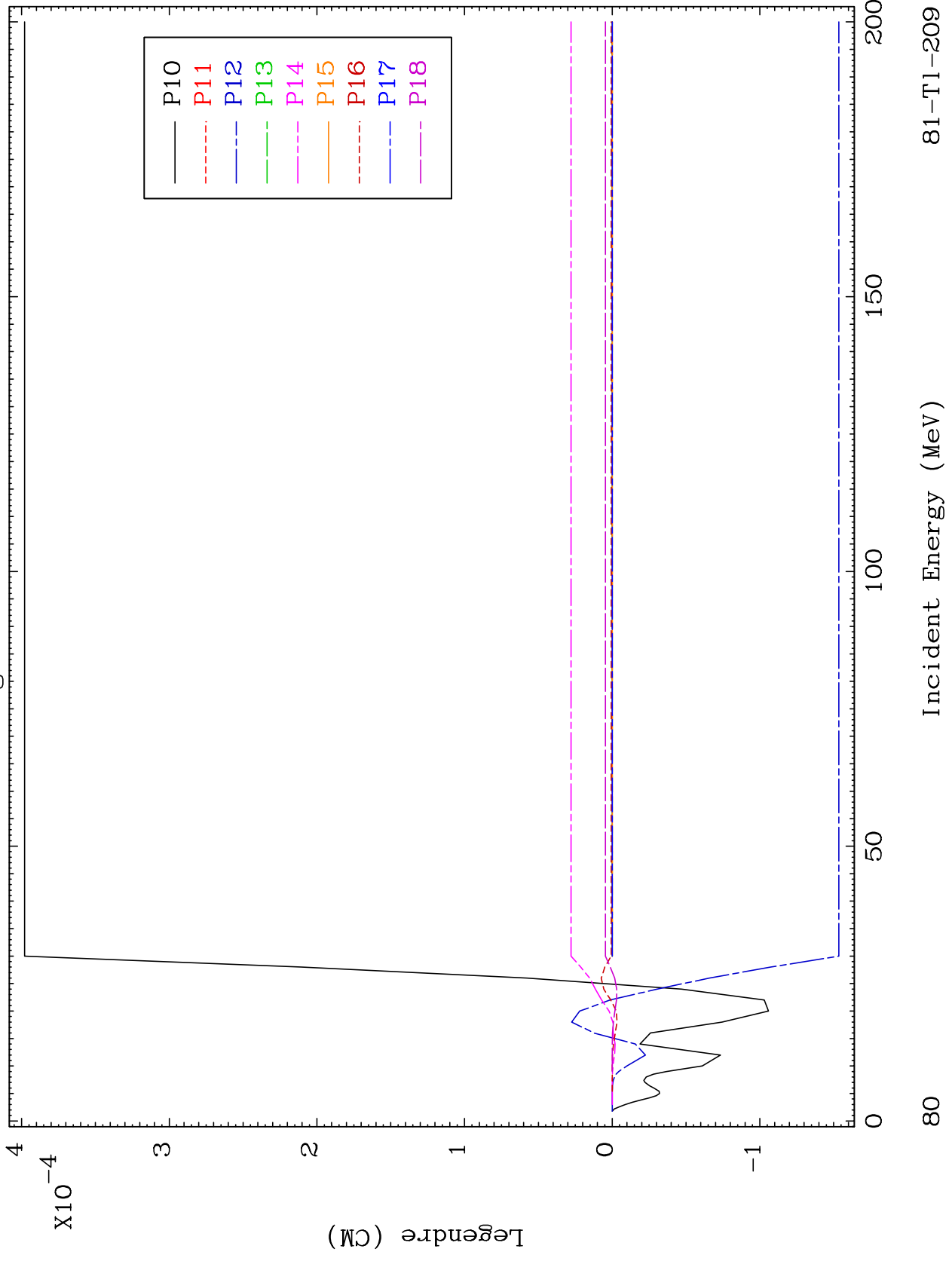
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-Tl-209

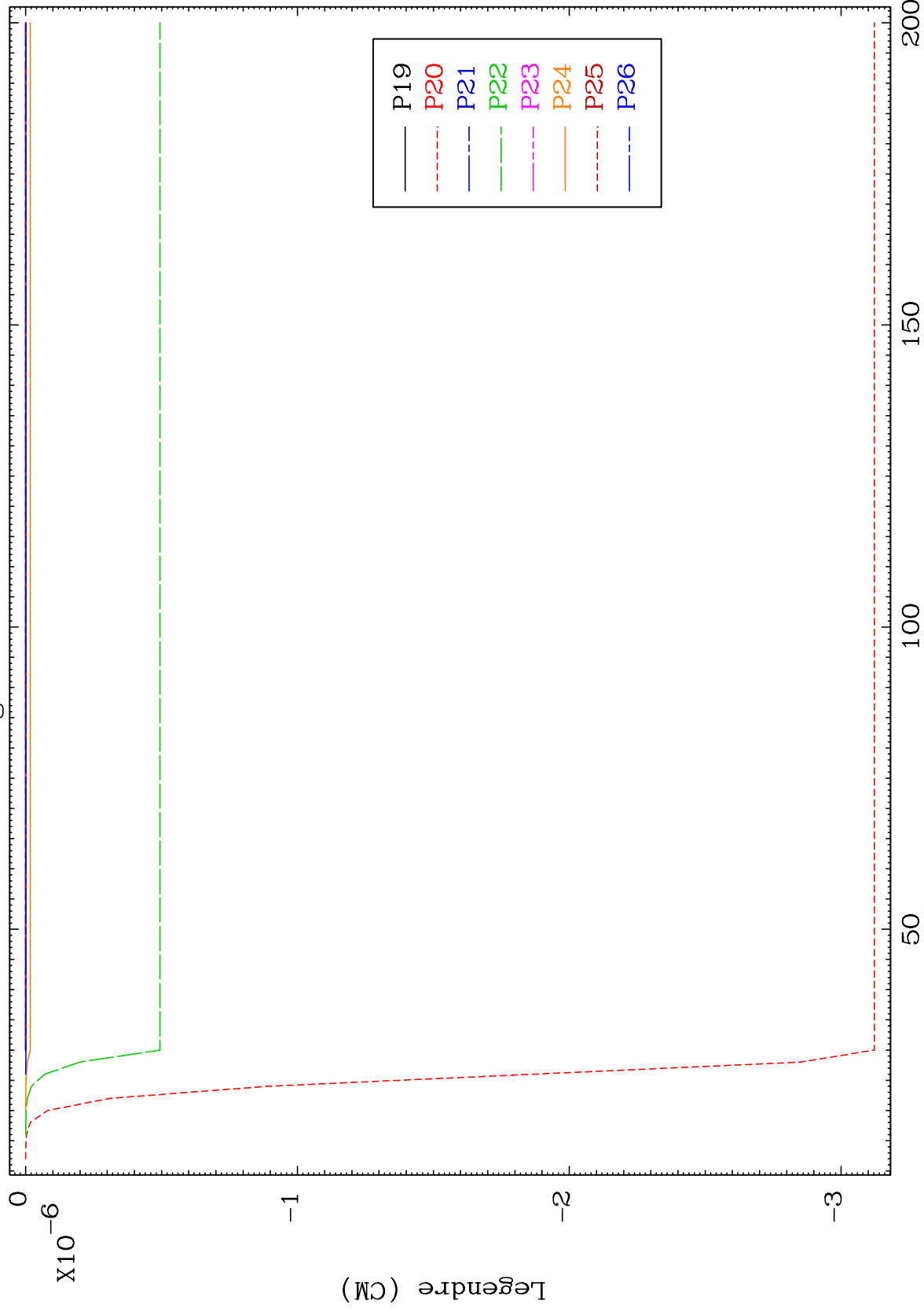


81-Tl-209

MAT 8143

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

81-T1-209



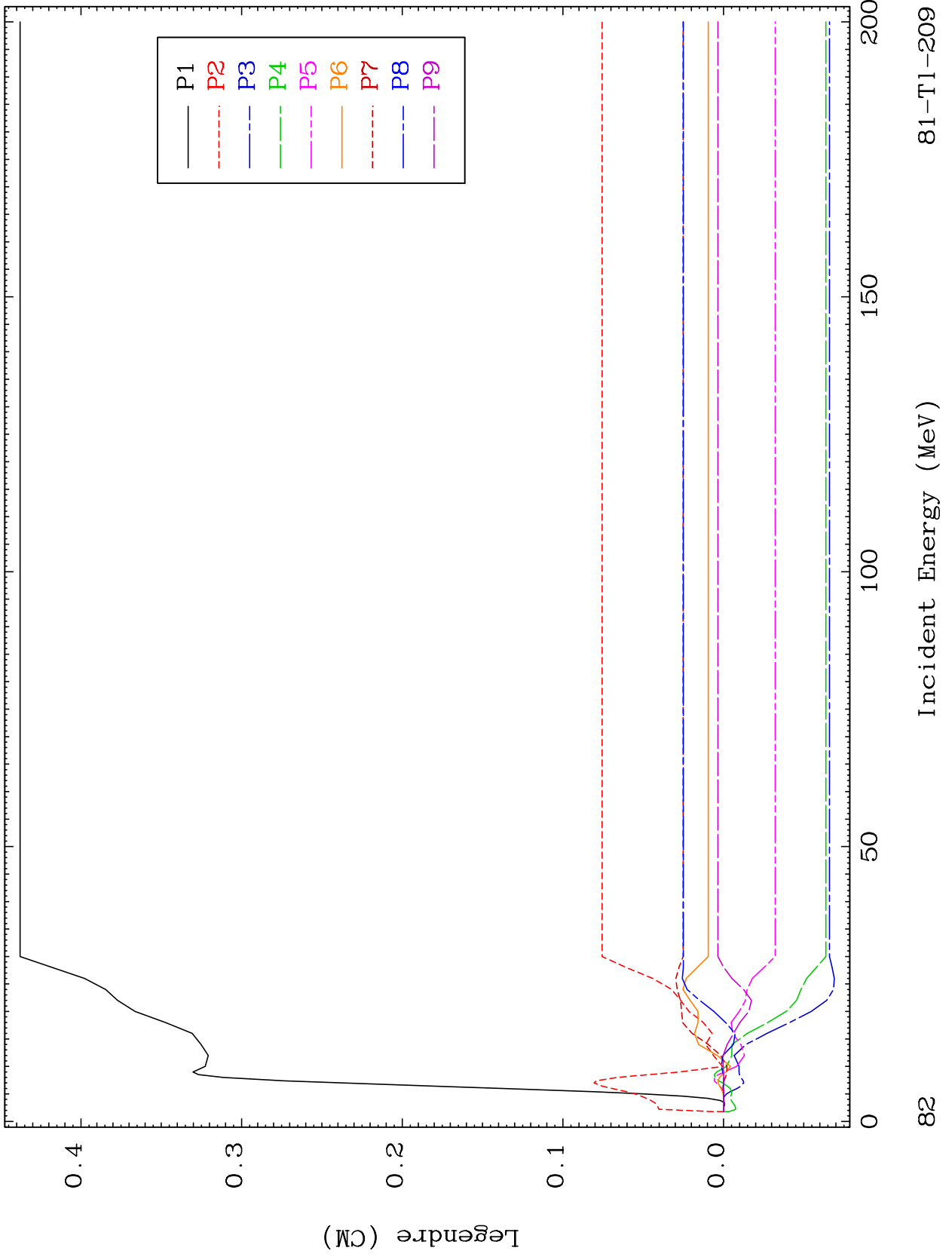
81

81-T1-209

MAT 8143

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

81-T1-209



82

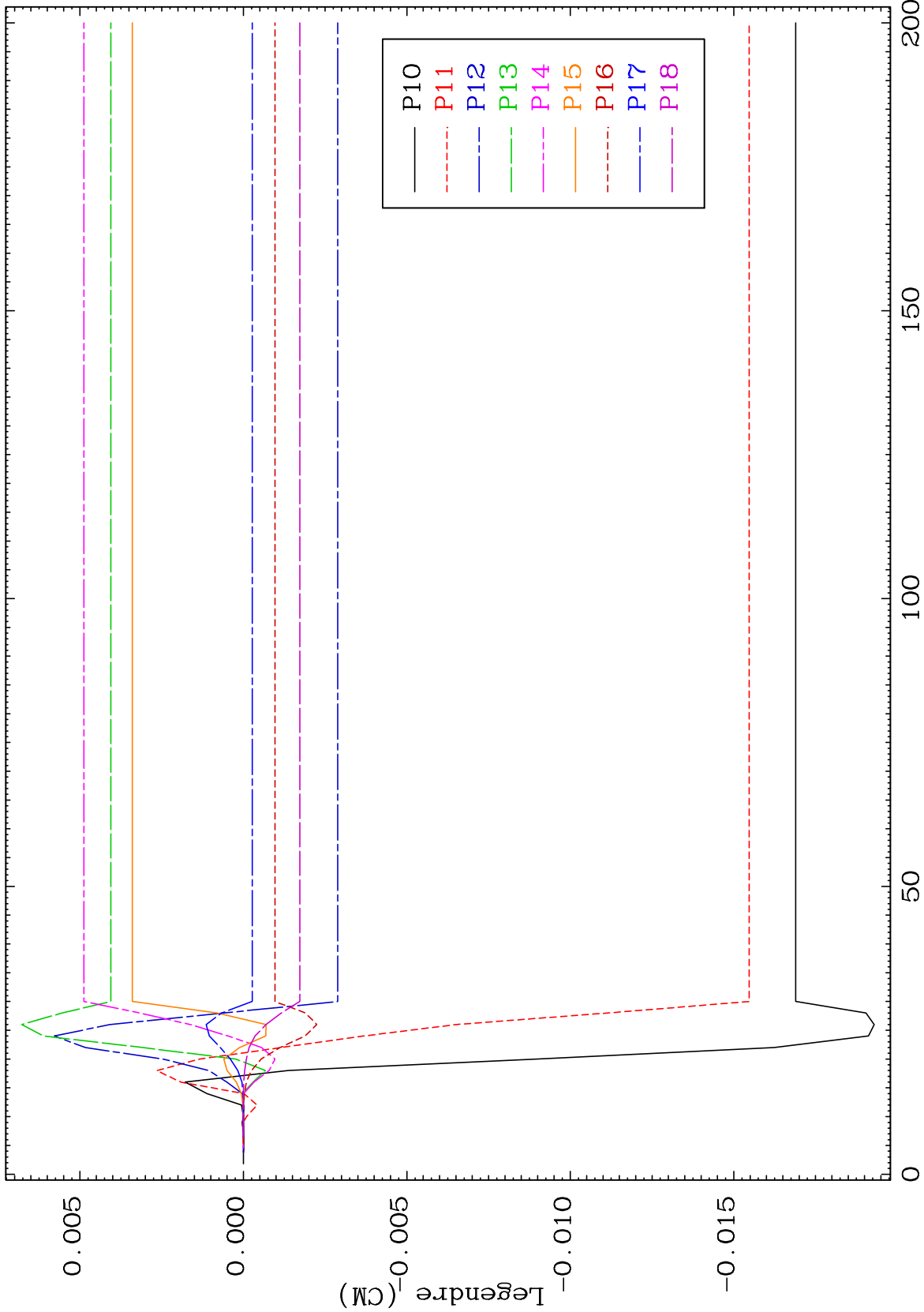
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-Tl-209



83

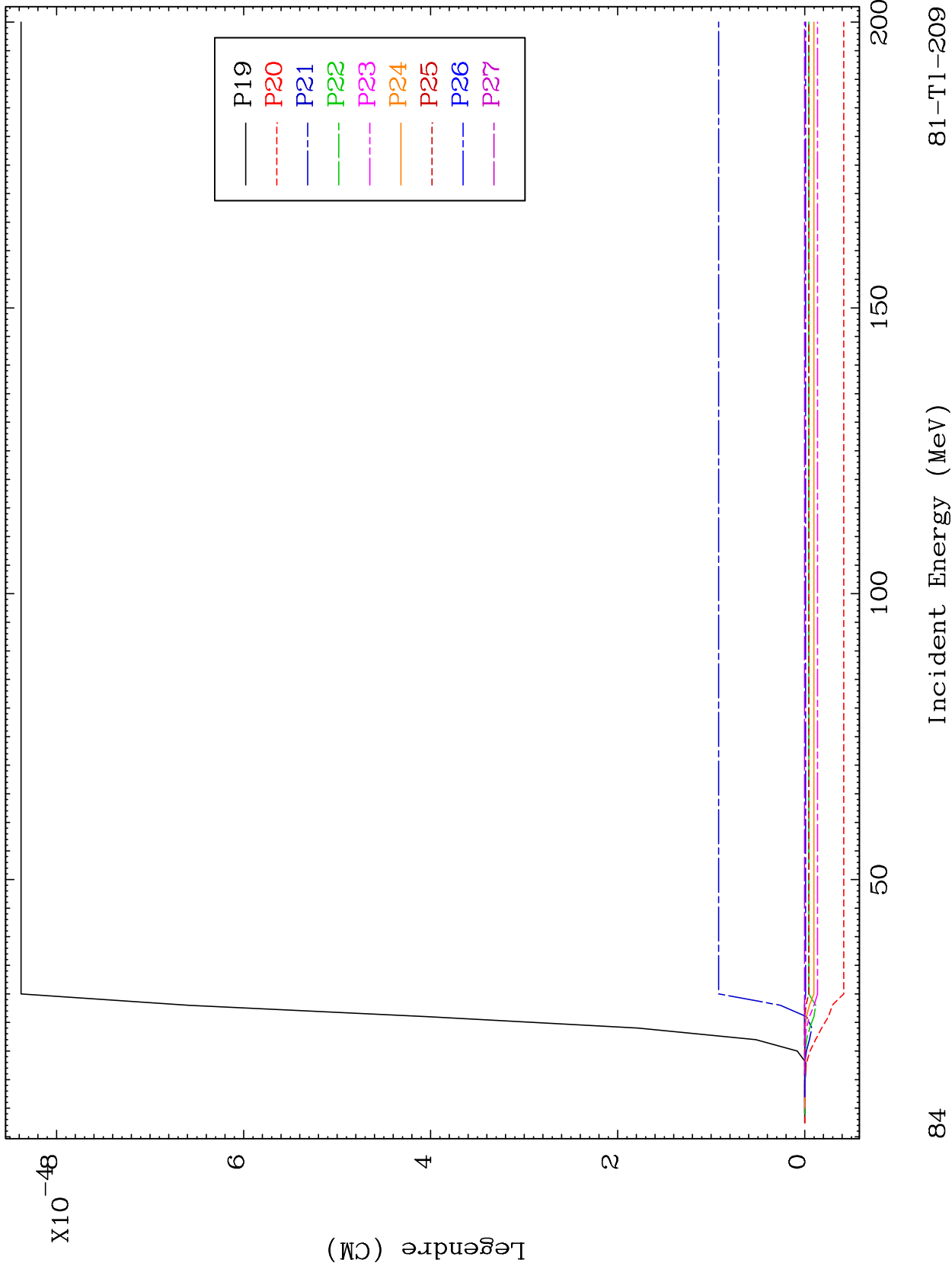
Incident Energy (MeV)

81-Tl-209

MAT 8143

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

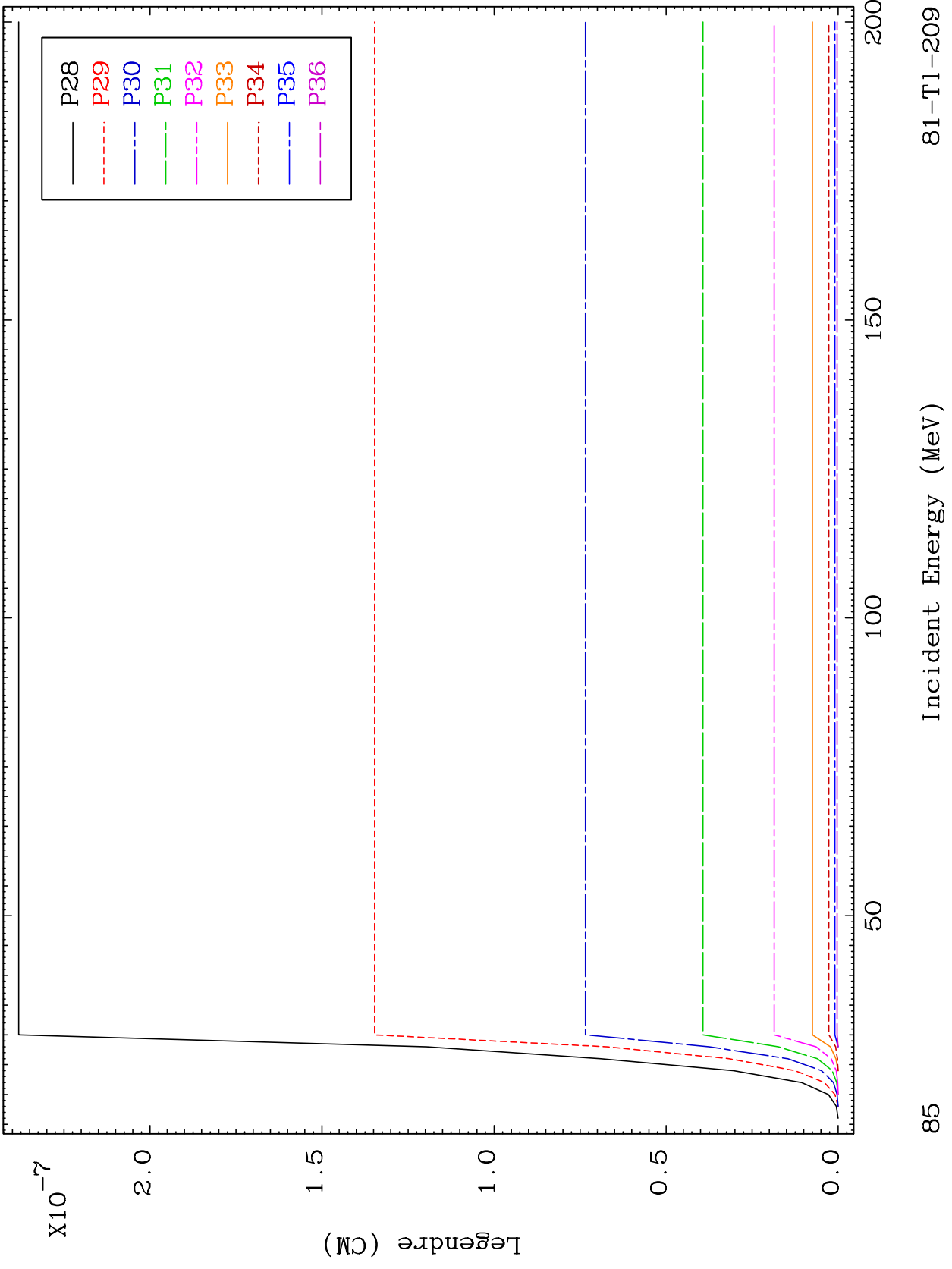
81-Tl-209



MAT 8143

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

81-T1-209



85

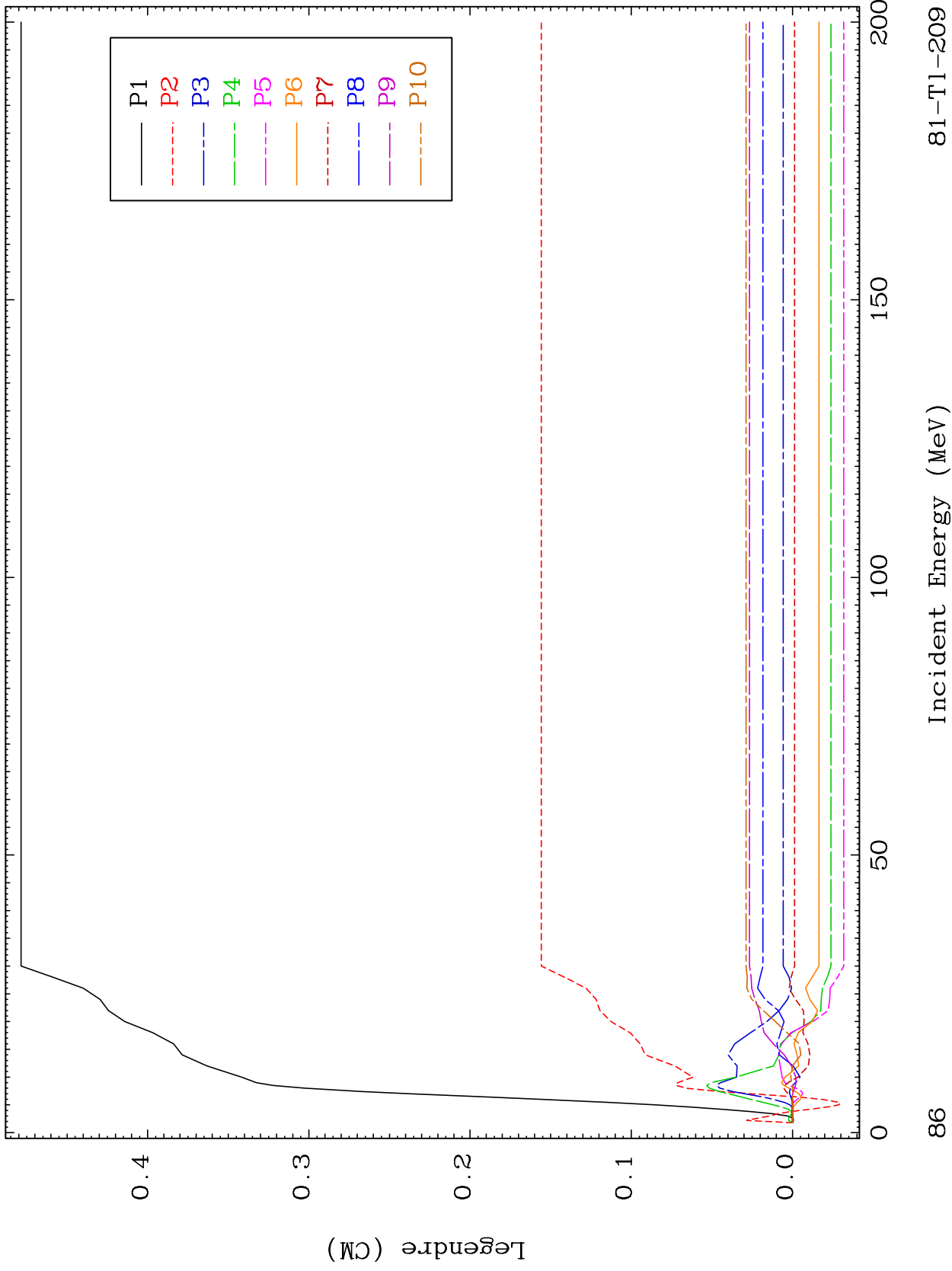
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



86

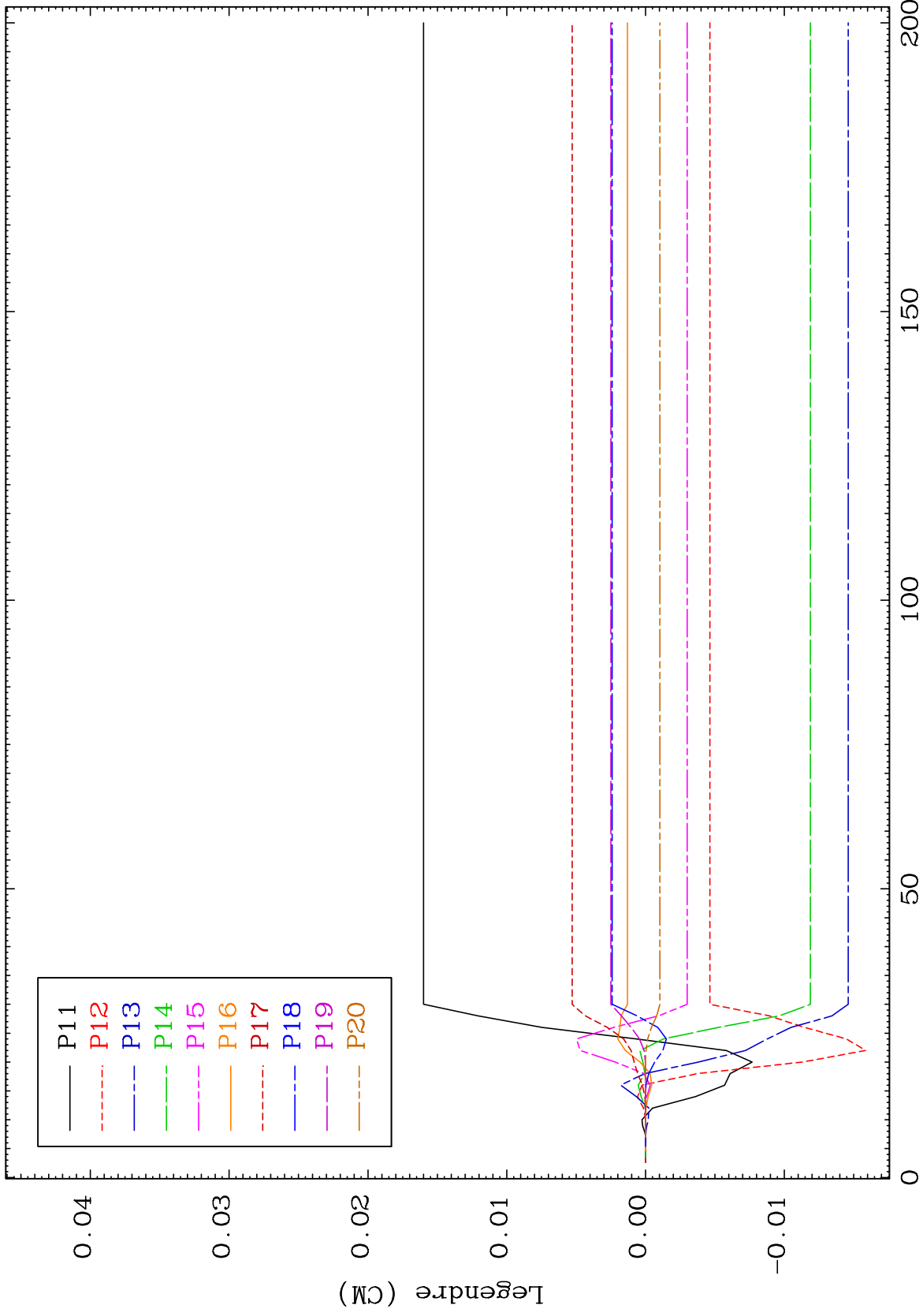
81-T1-209

81-T1-209

MAT 8143

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

81-T1-209



87

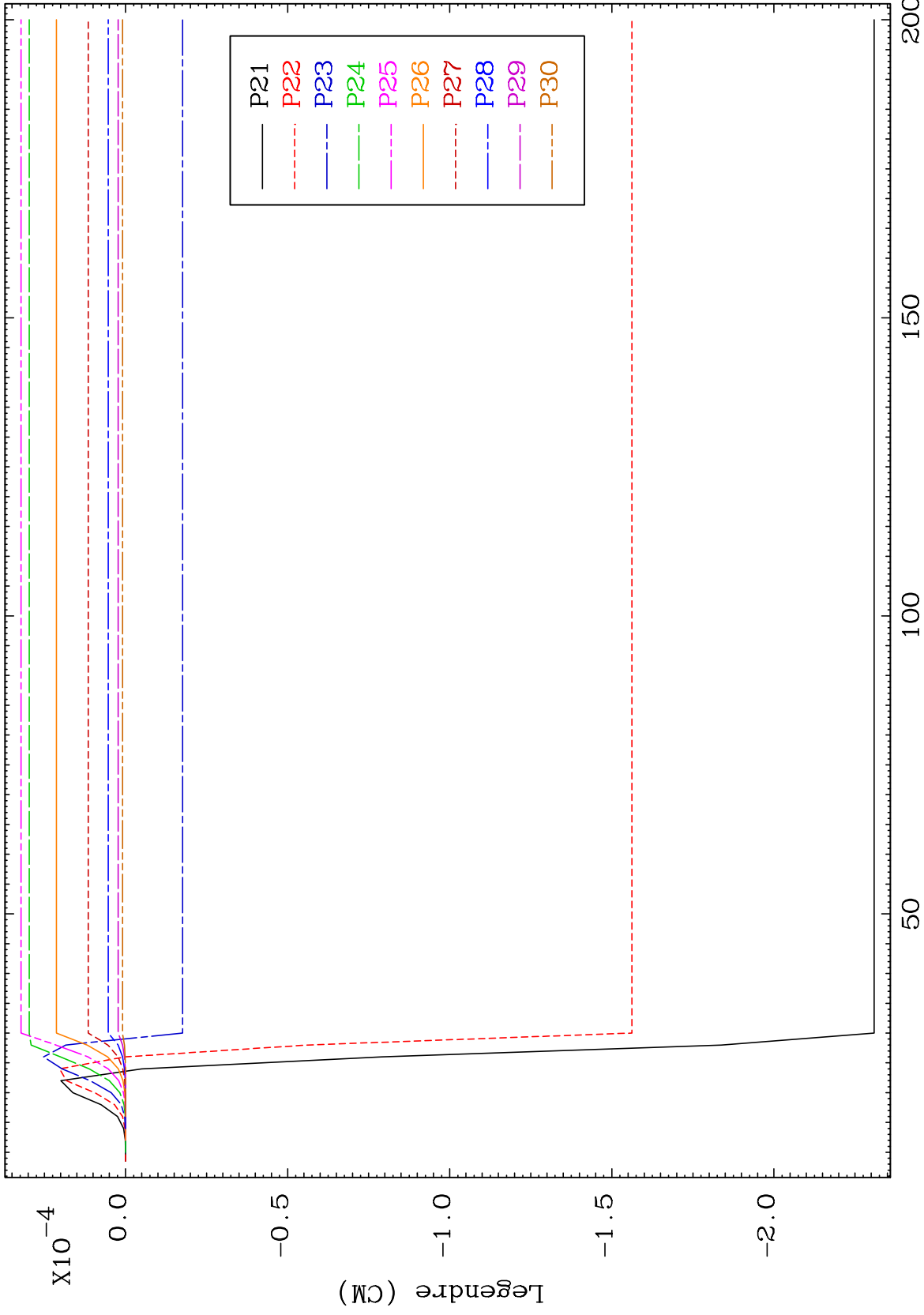
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



88

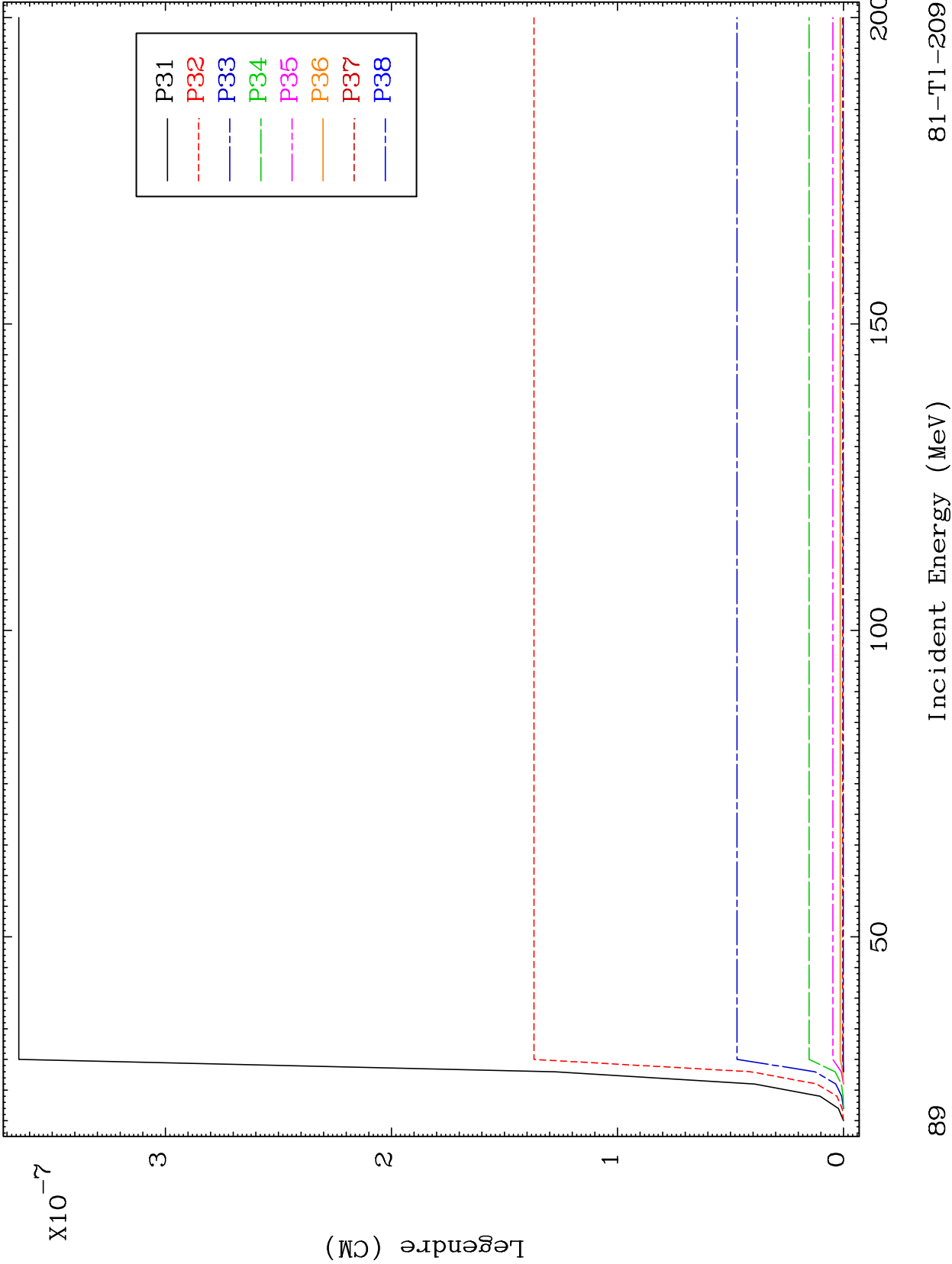
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-Tl-209



89

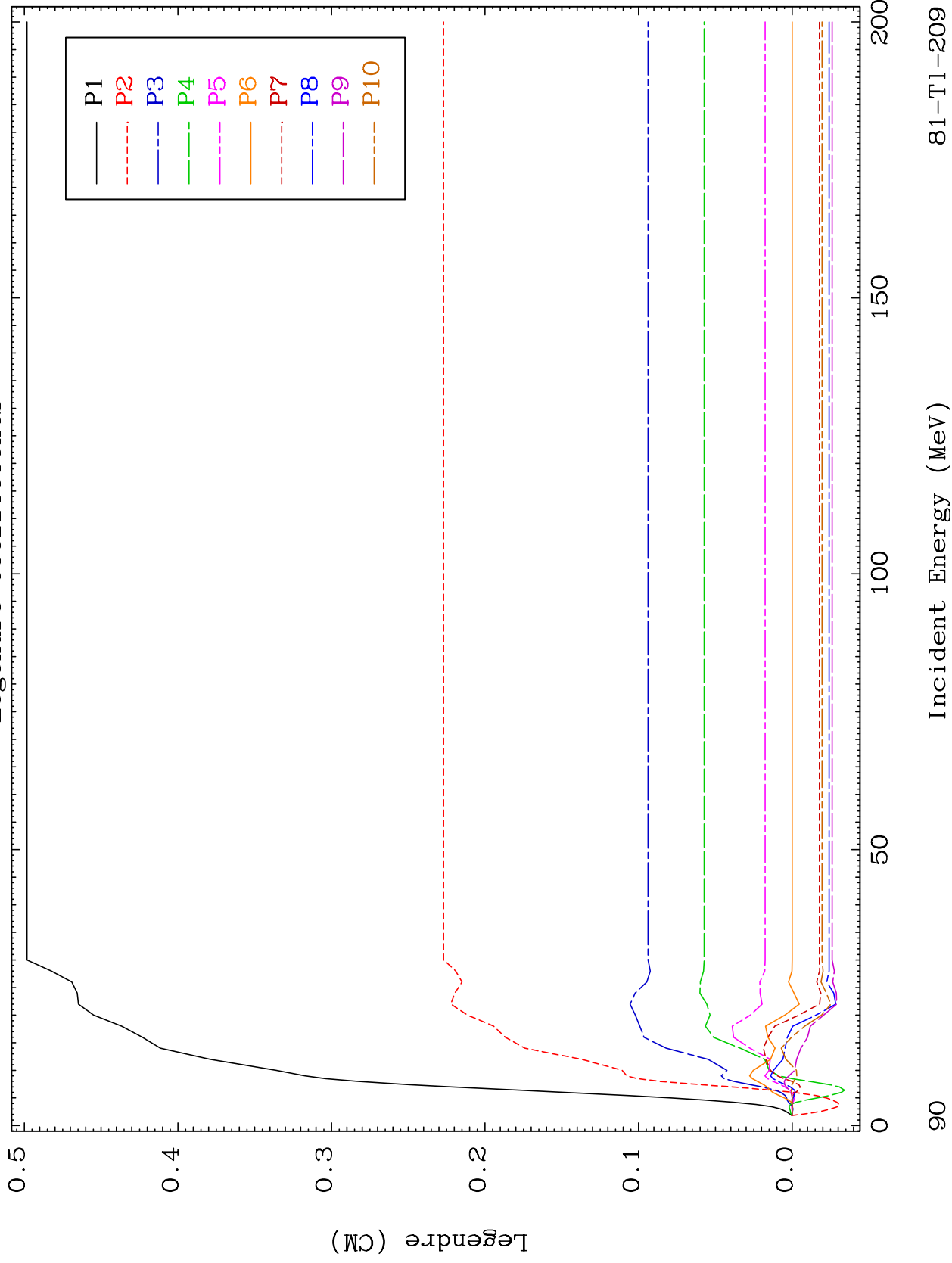
Incident Energy (MeV)

81-Tl-209

MAT 8143

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

81-T1-209



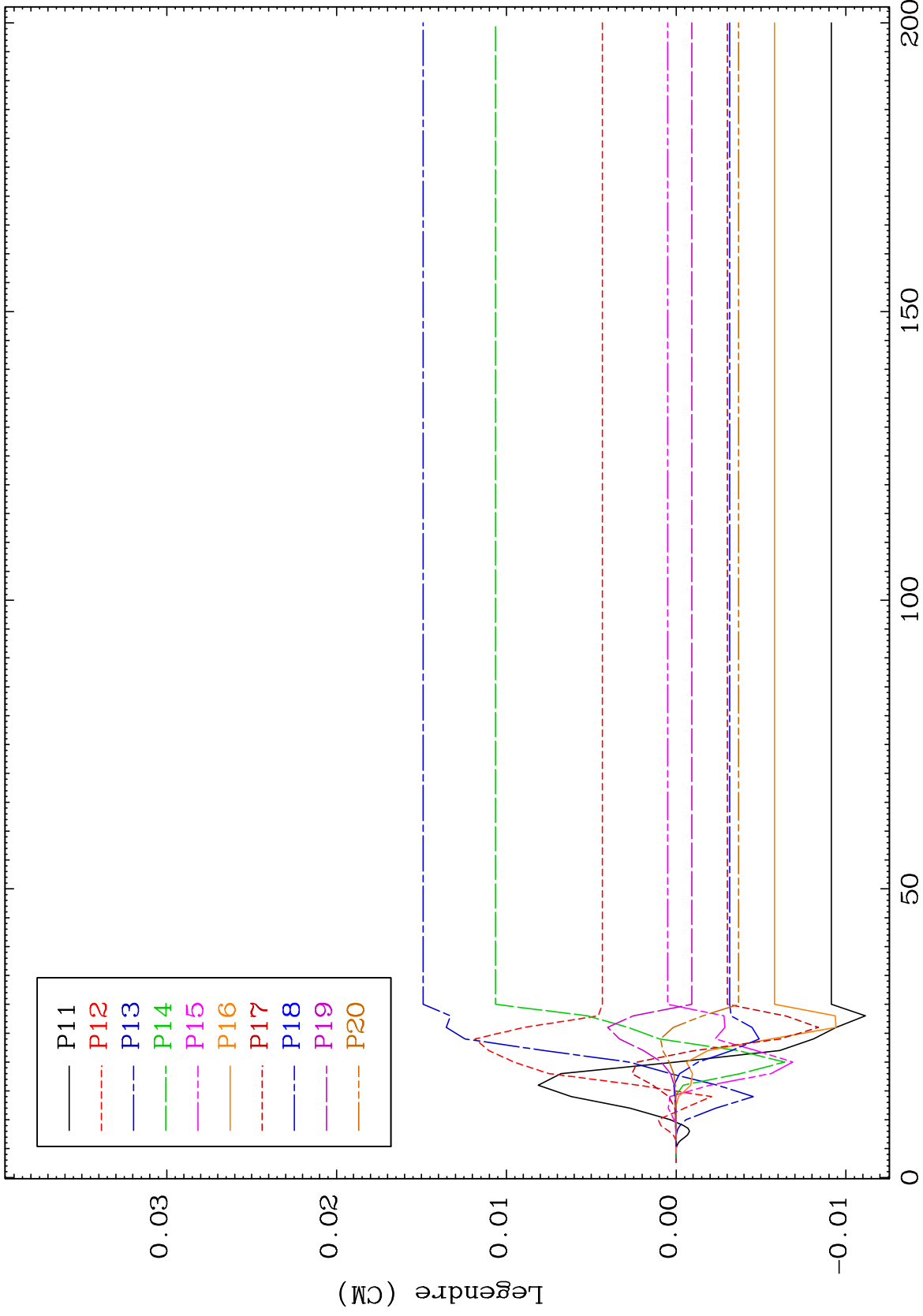
81-T1-209

Incident Energy (MeV)

MAT 8143

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

81-T1-209



91

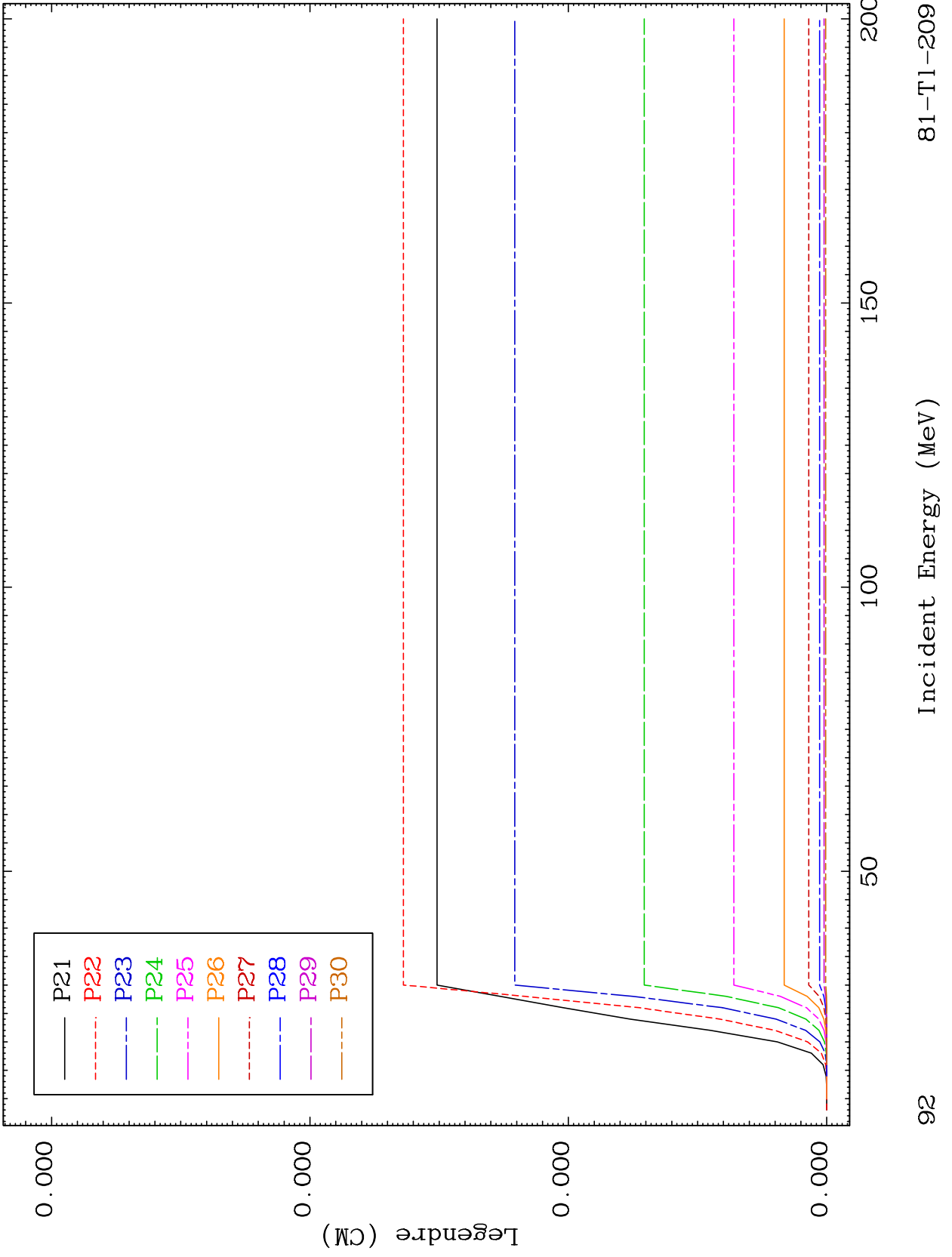
Incident Energy (MeV)

81-T1-209

MAT 8143

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

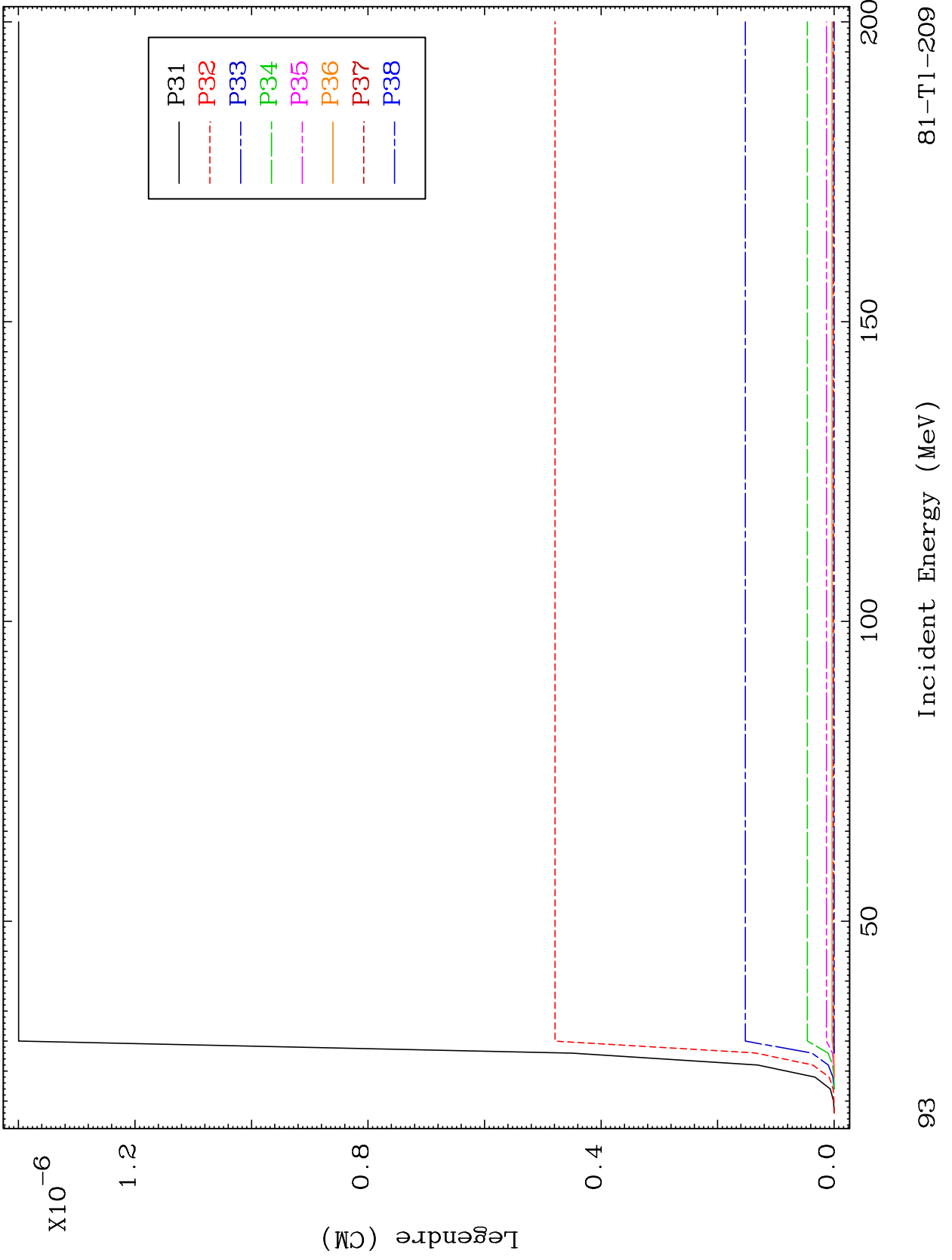
81-T1-209



MAT 8143

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

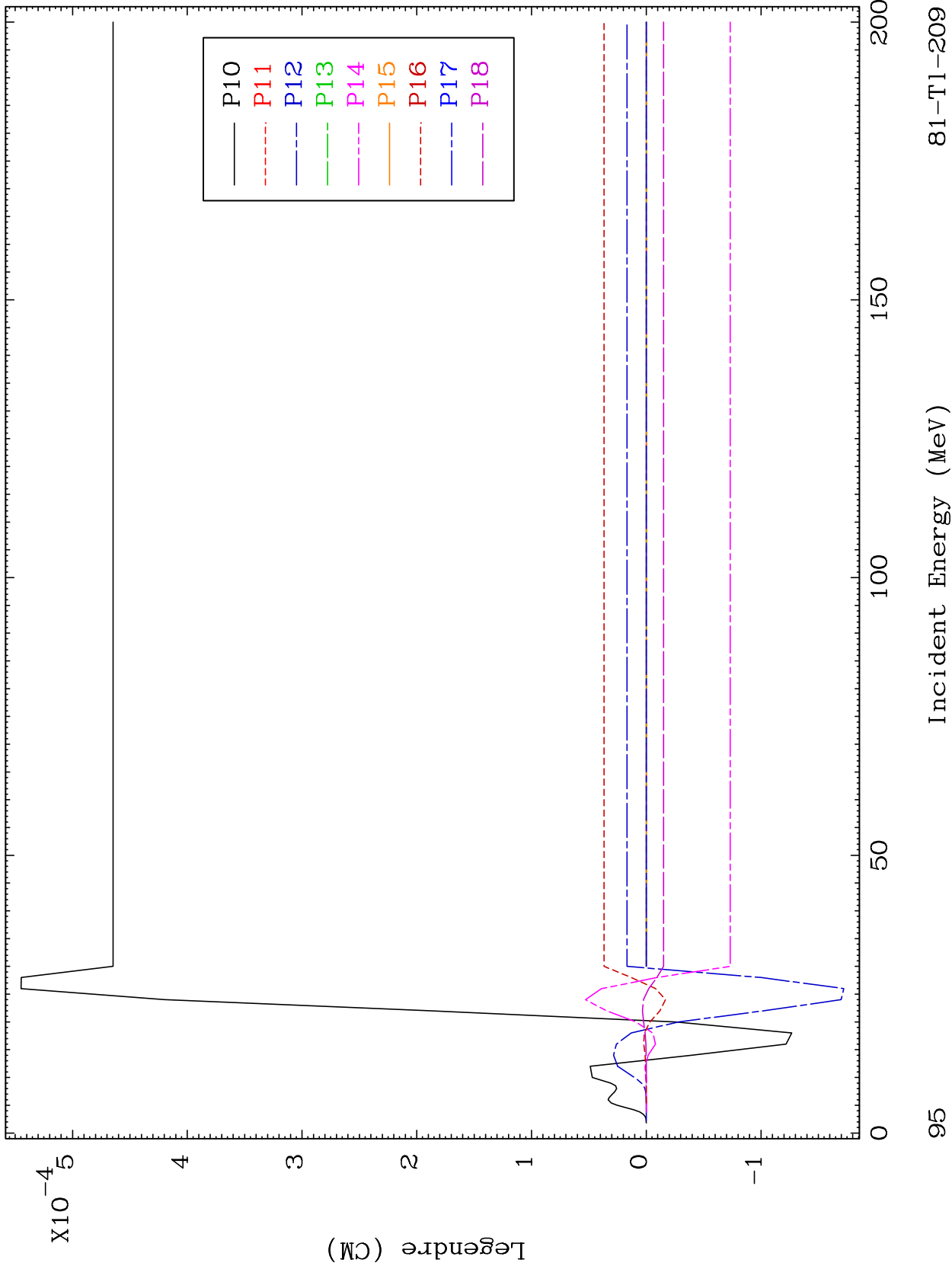
81-T1-209



MAT 8143

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

81-T1-209



81-T1-209

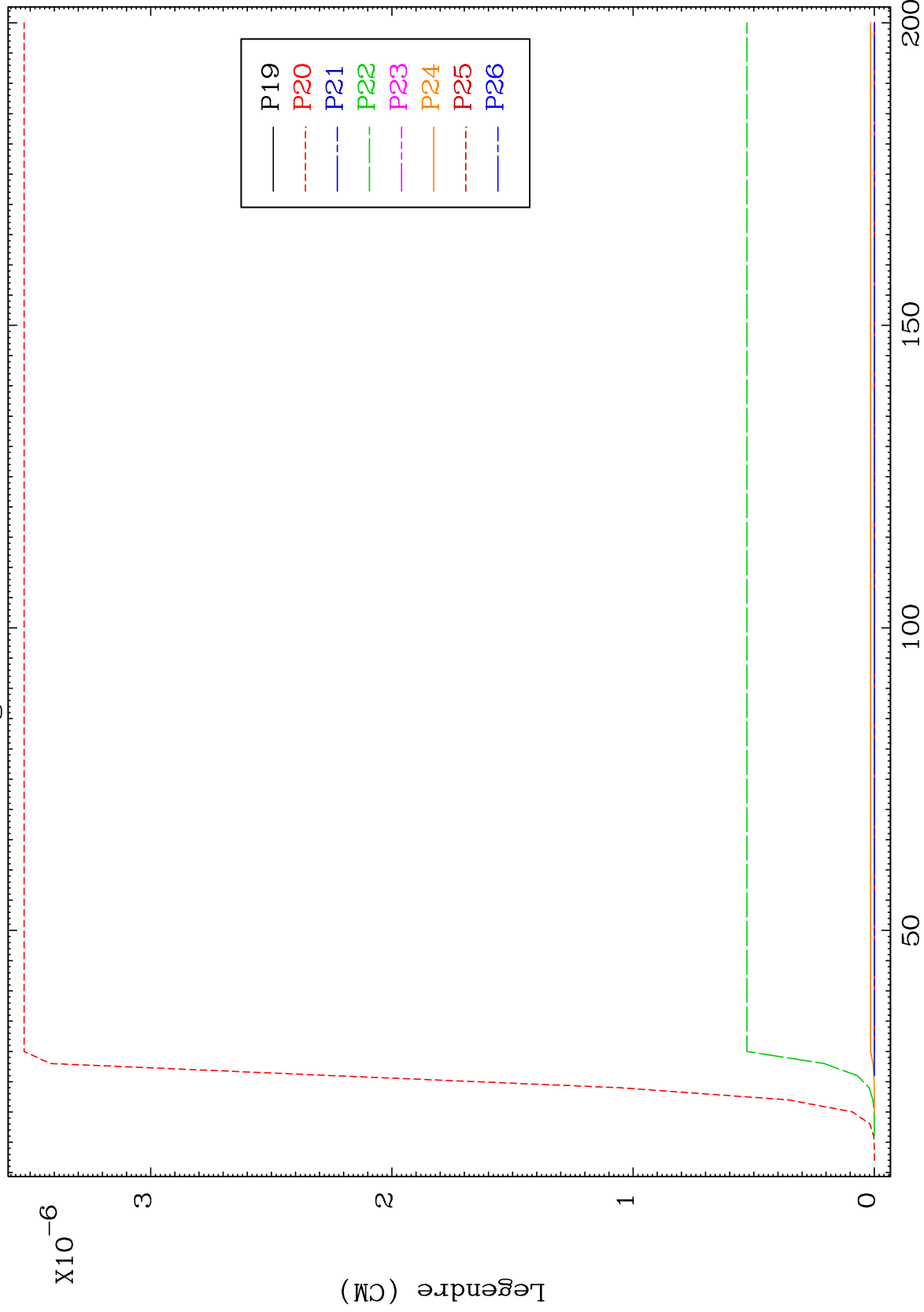
Incident Energy (MeV)

95

MAT 8143

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

81-T1-209



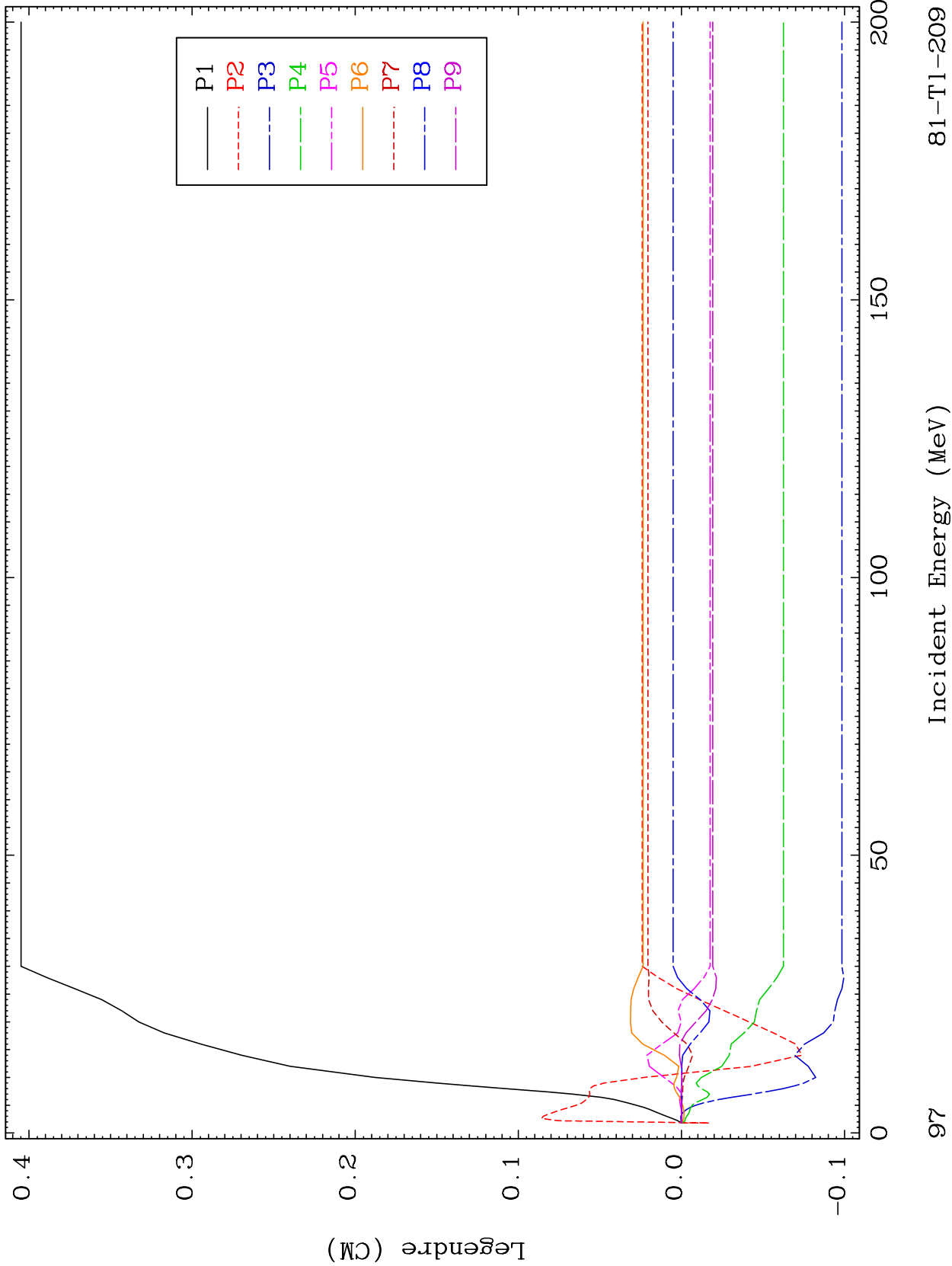
96

81-T1-209

MAT 8143

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

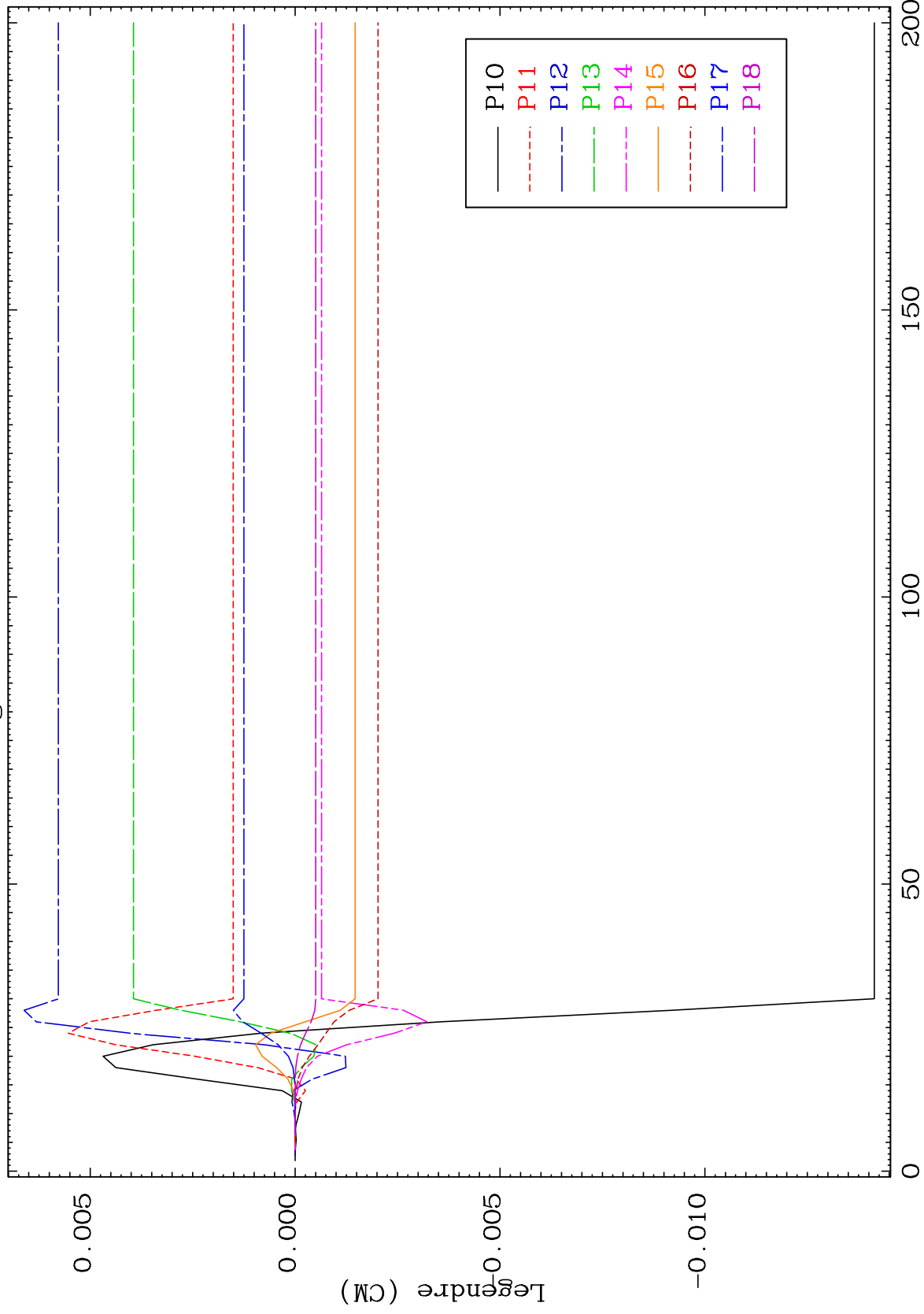
81-T1-209



MAT 8143

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

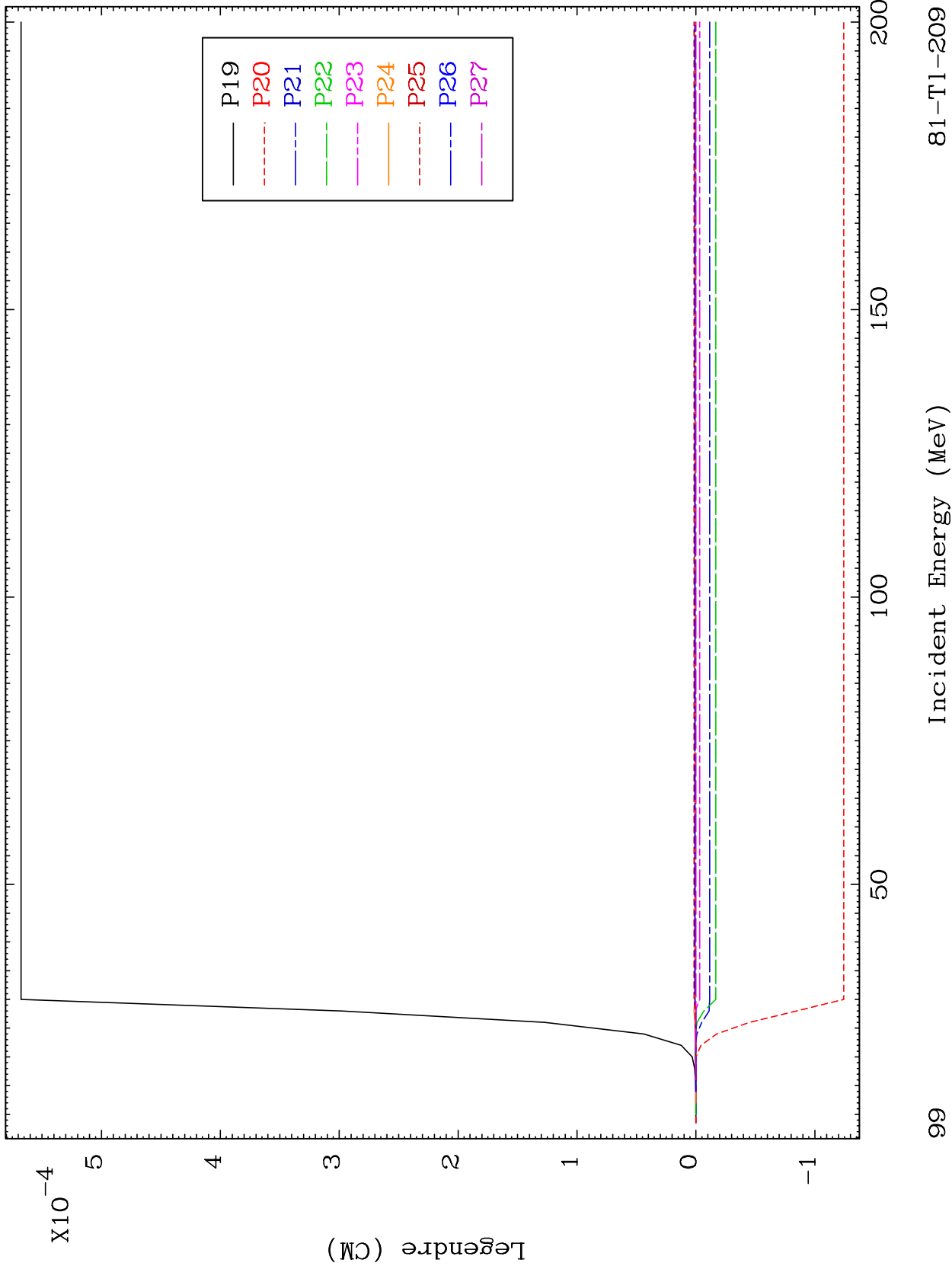
81-T1-209



98

Incident Energy (MeV)

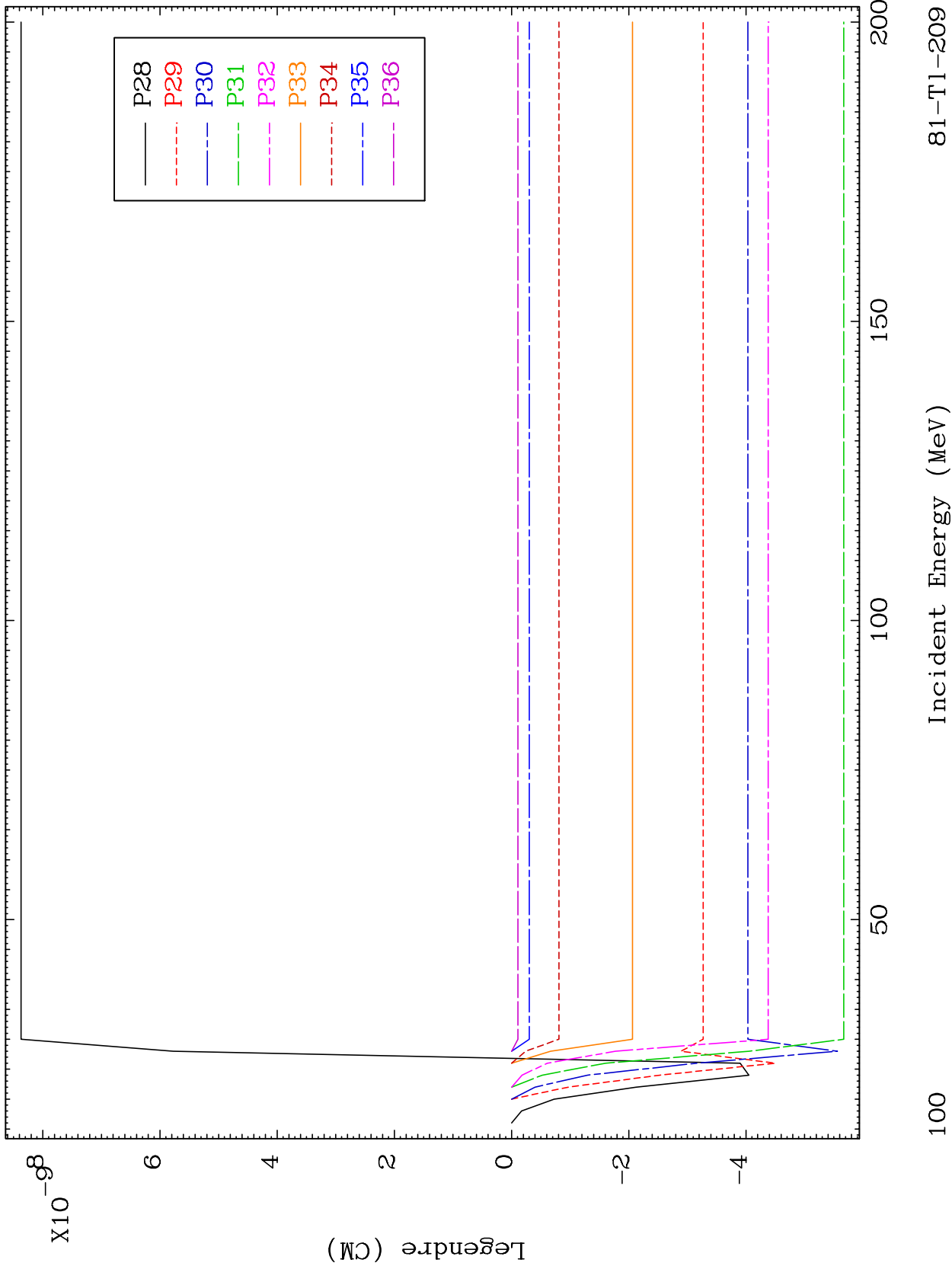
81-T1-209



MAT 8143

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

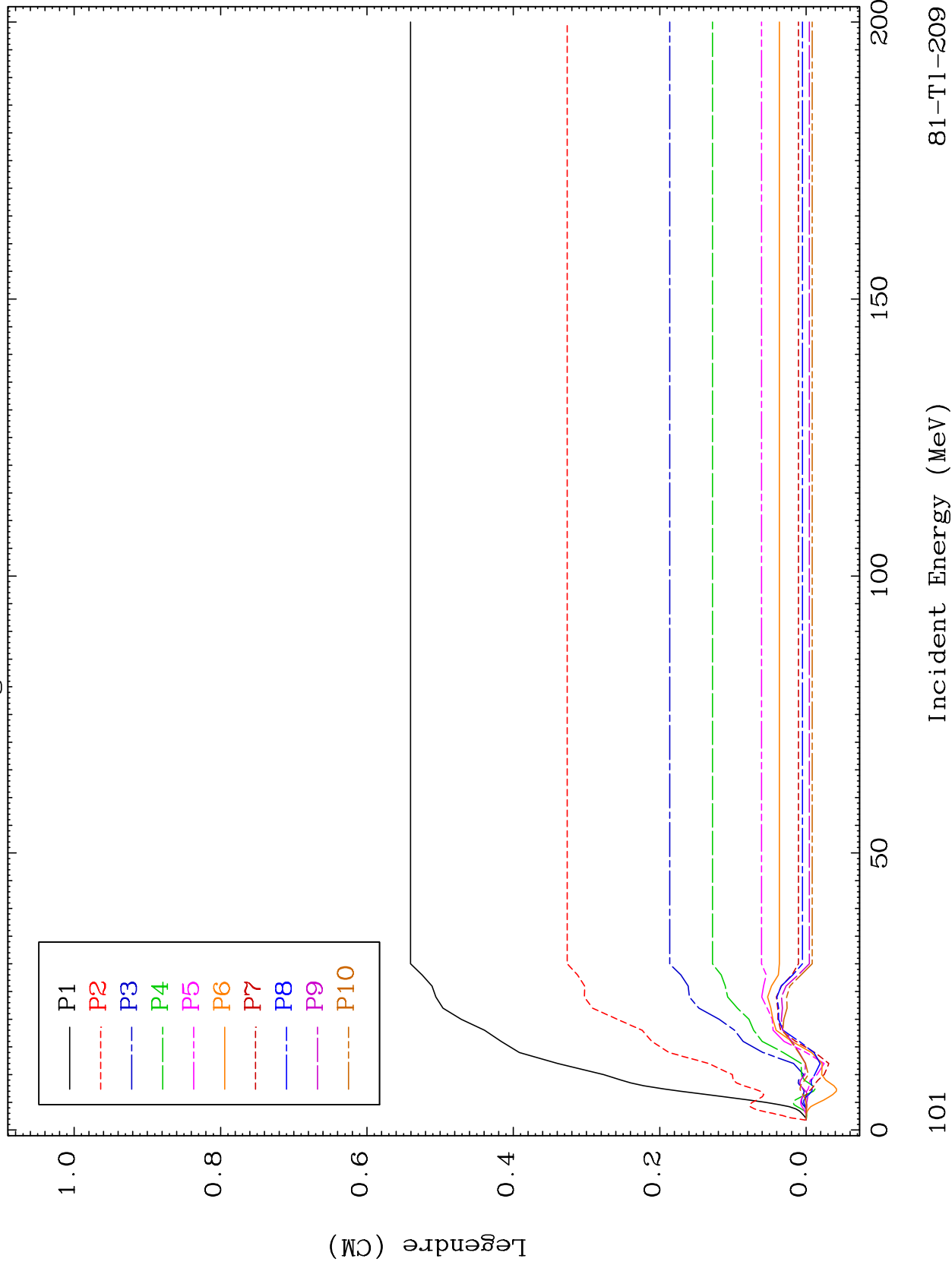
81-T1-209



MAT 8143

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

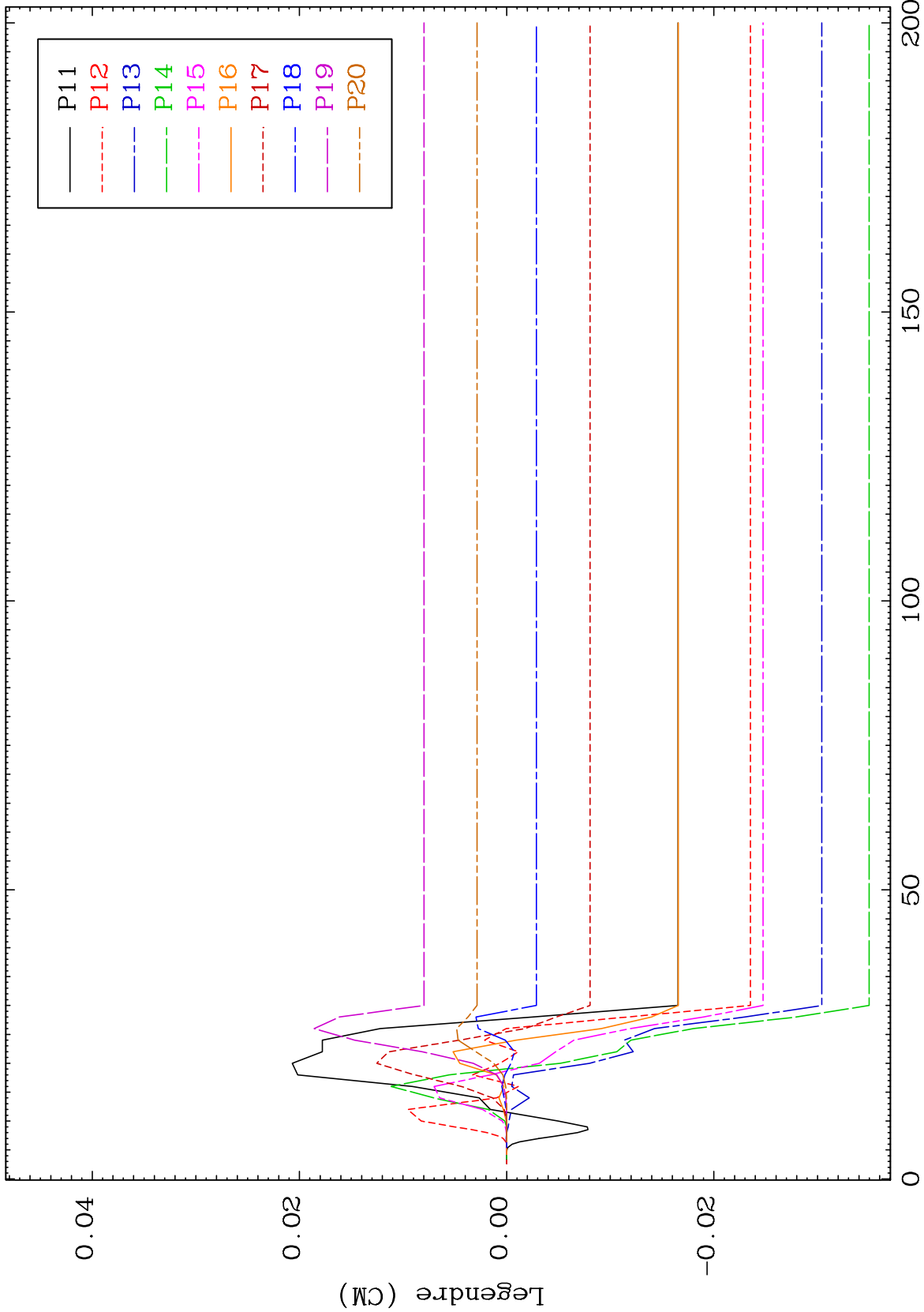
81-T1-209



MAT 8143

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

81-T1-209



102

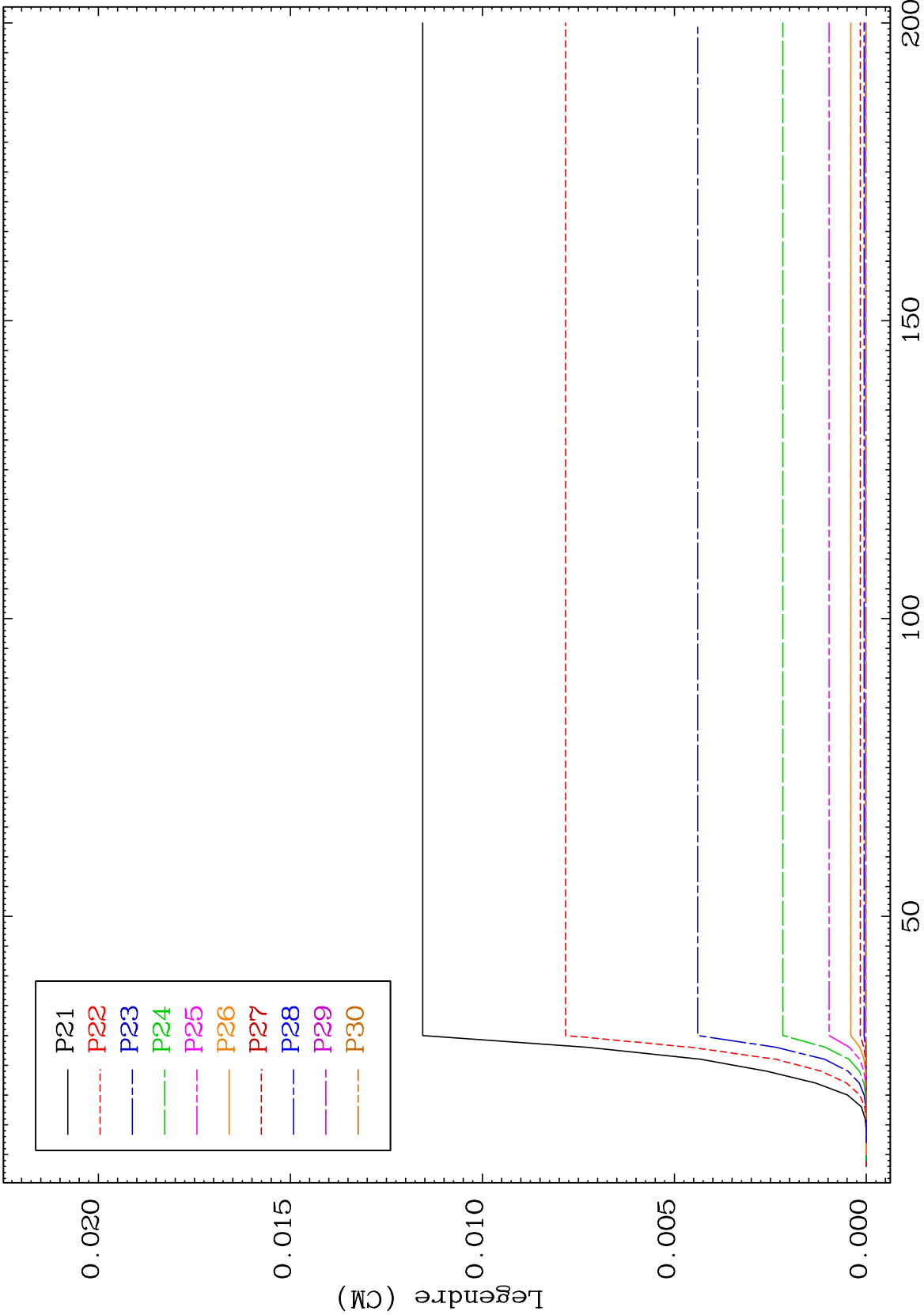
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



103

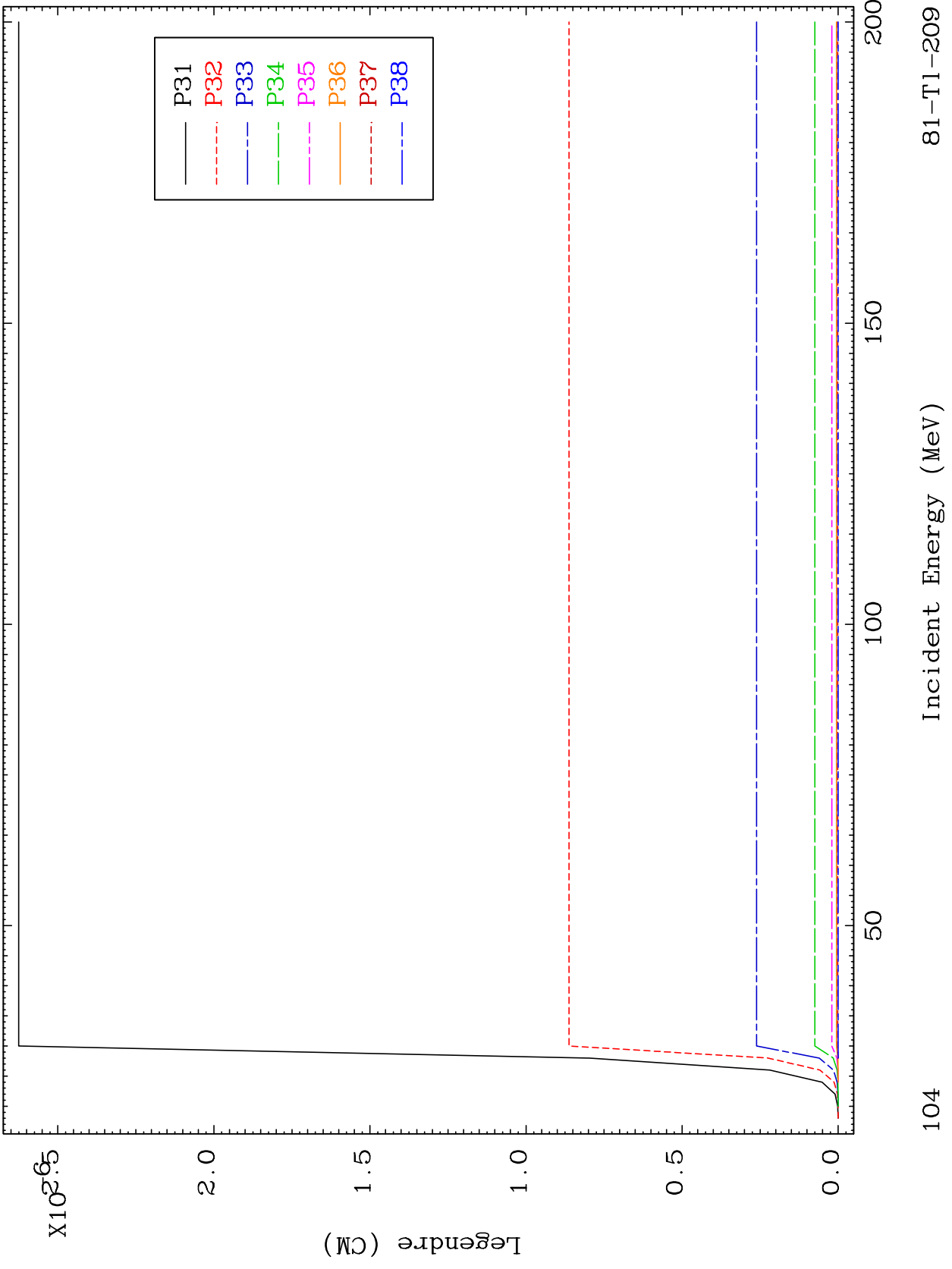
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



104

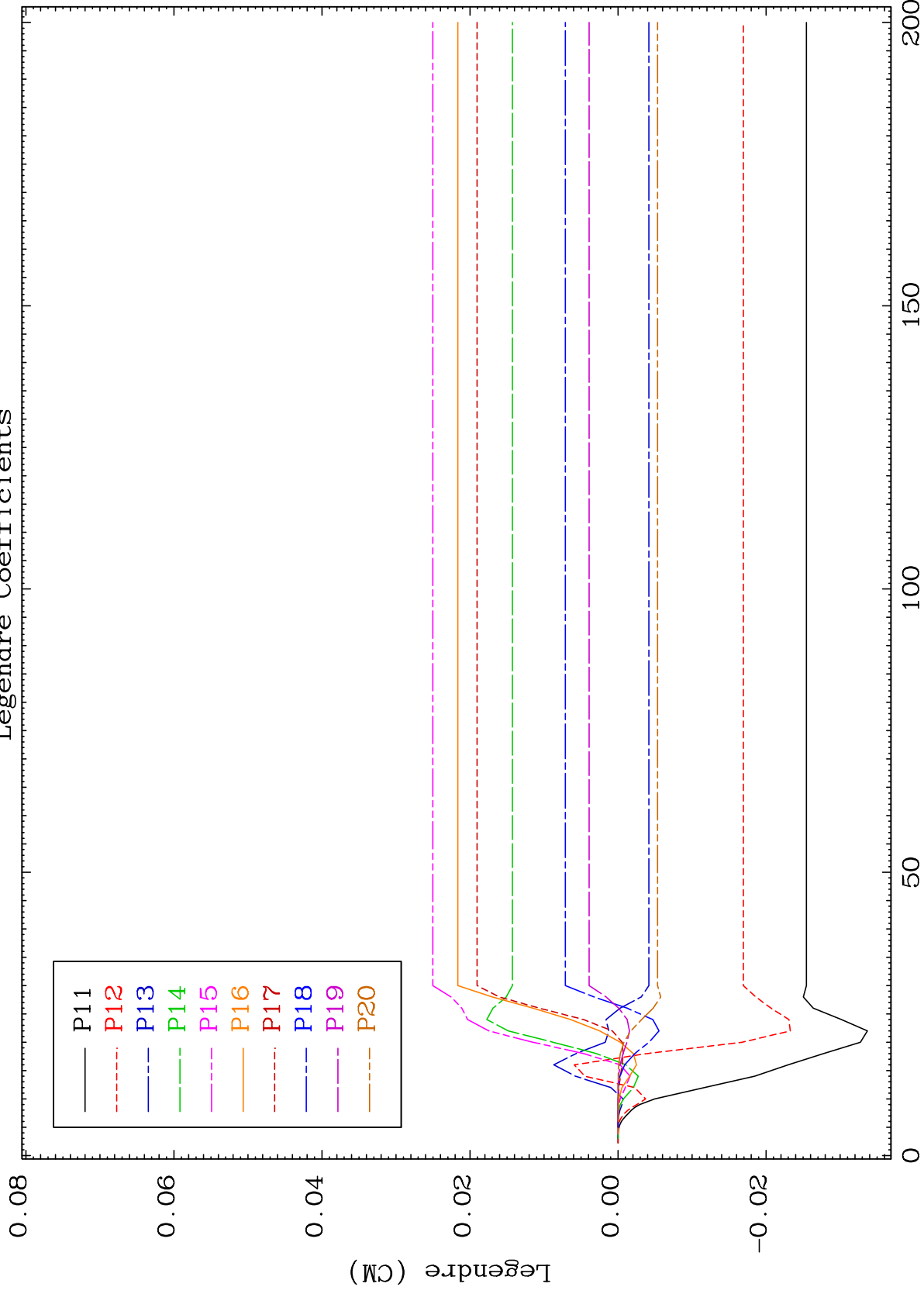
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



106

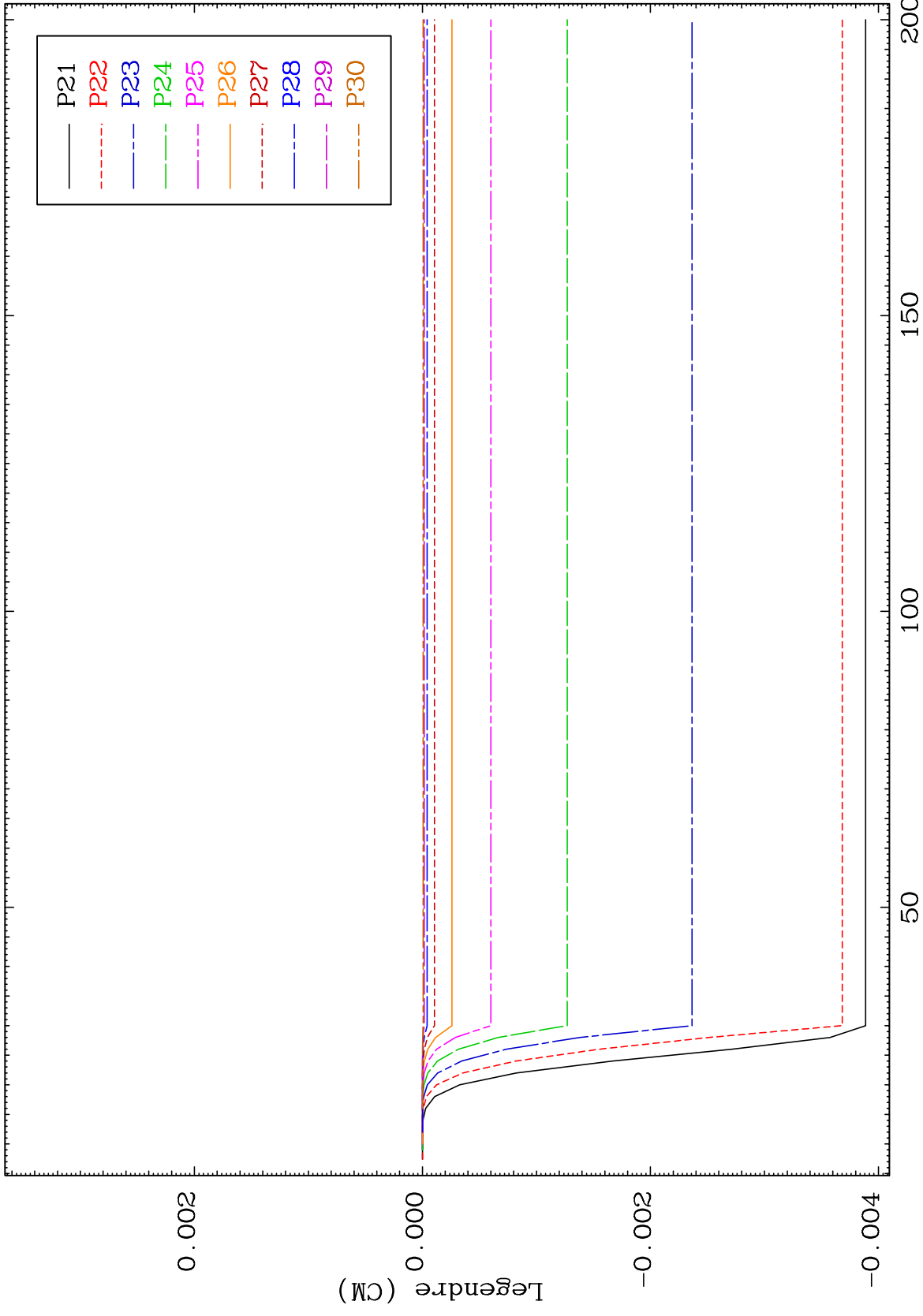
Incident Energy (MeV)

81-T1-209

MAT 8143

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

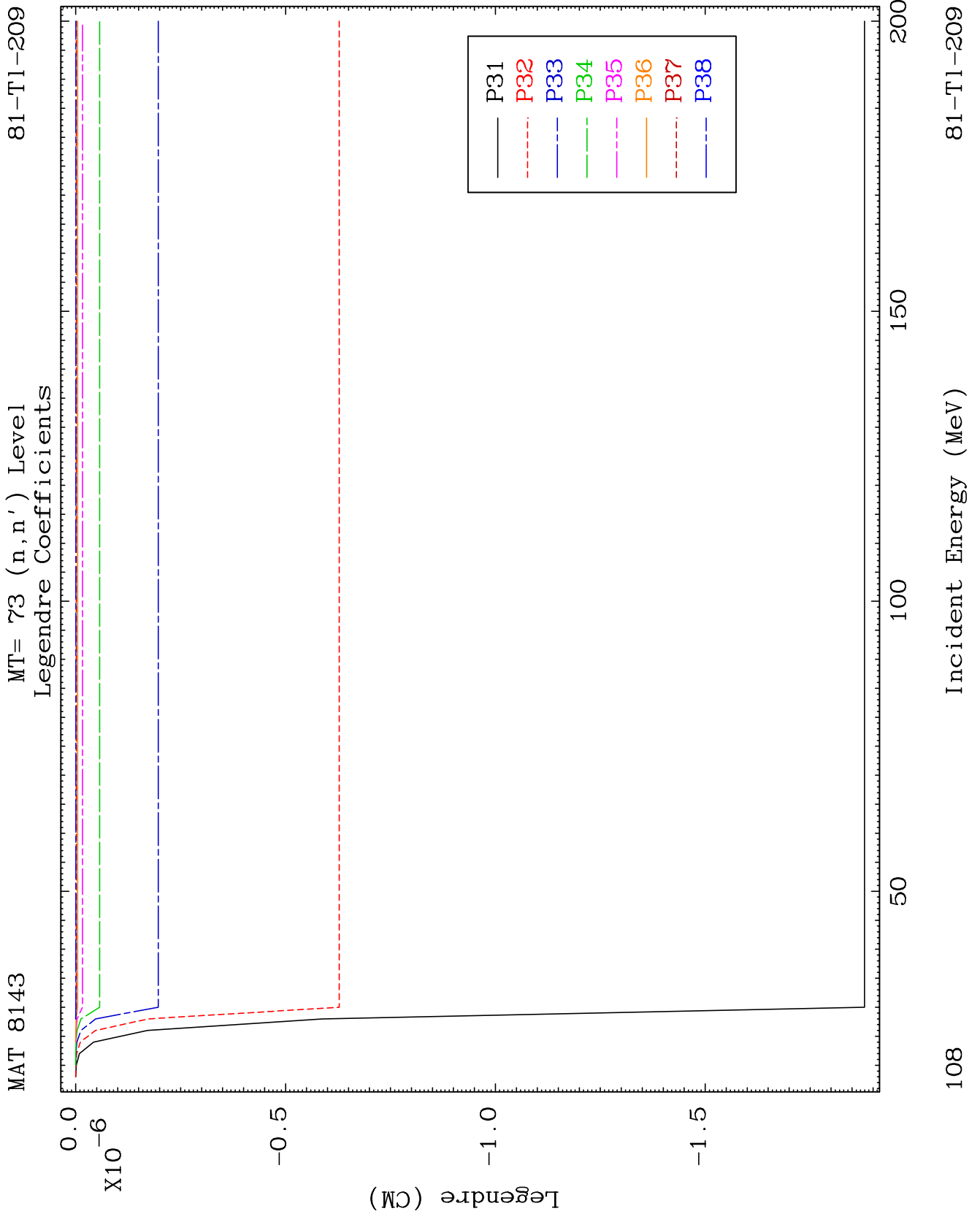
81-T1-209



107

Incident Energy (MeV)

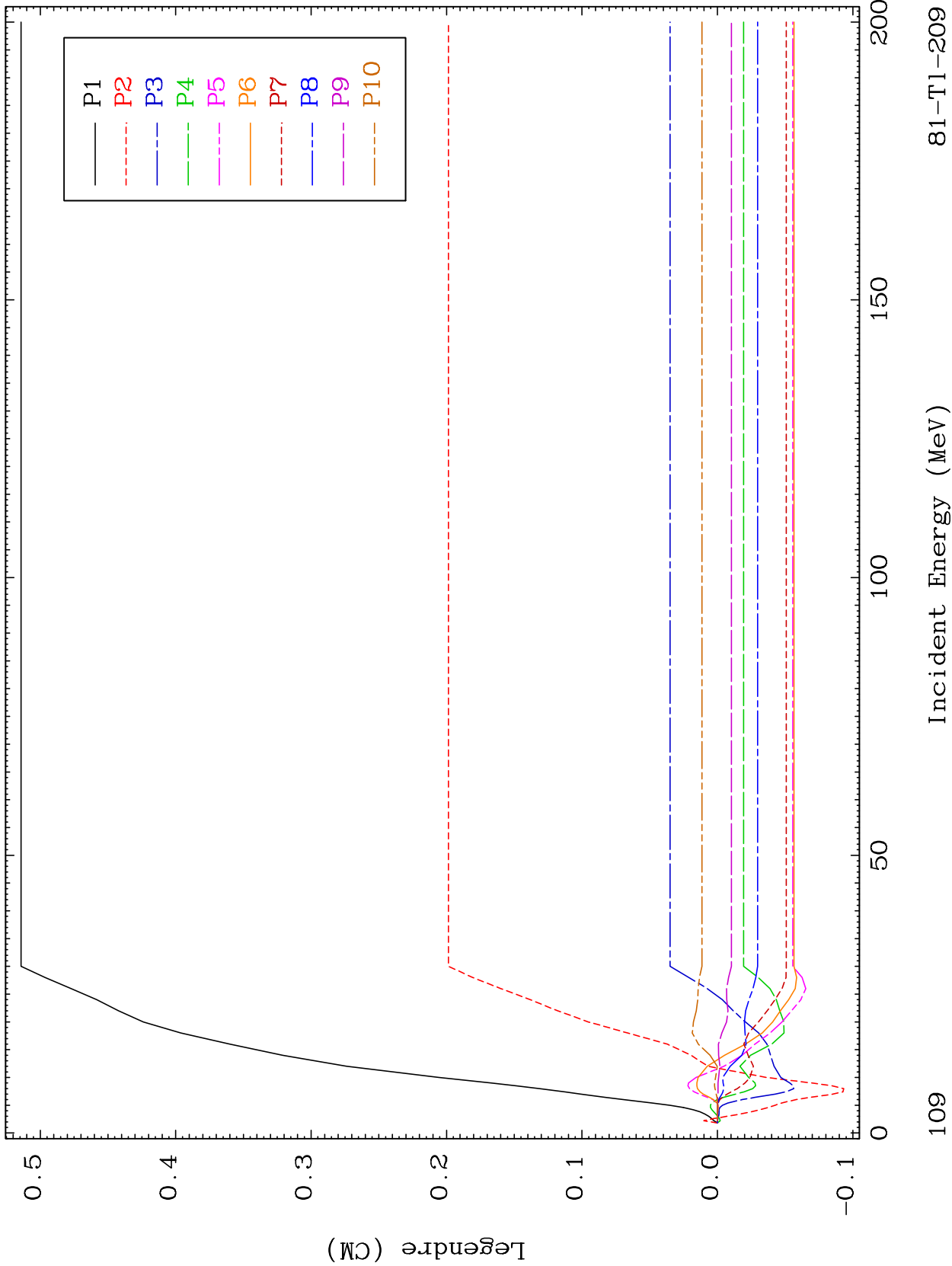
81-T1-209



MAT 8143

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

81-T1-209



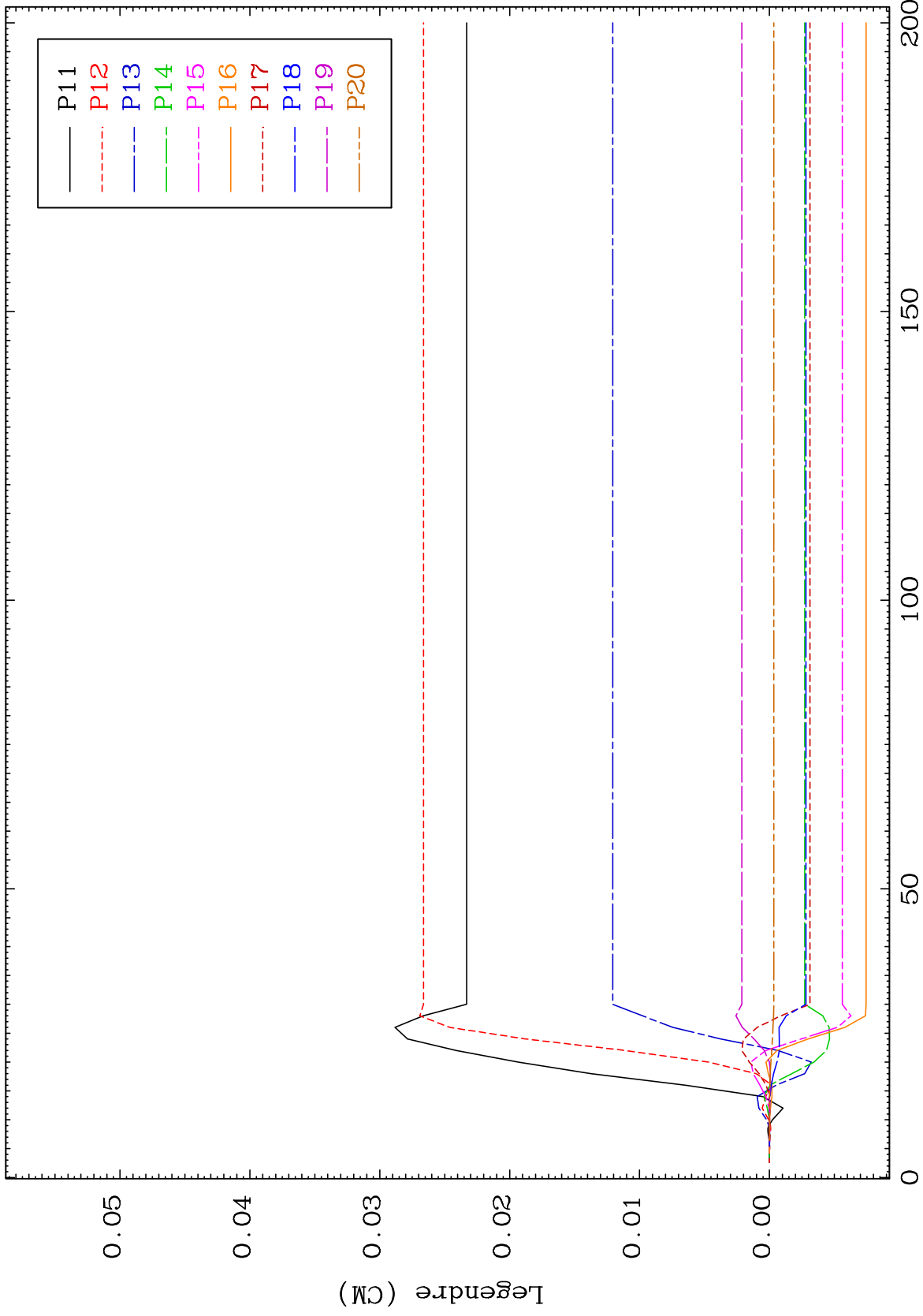
109

81-T1-209

MAT 8143

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

81-Tl-209



110

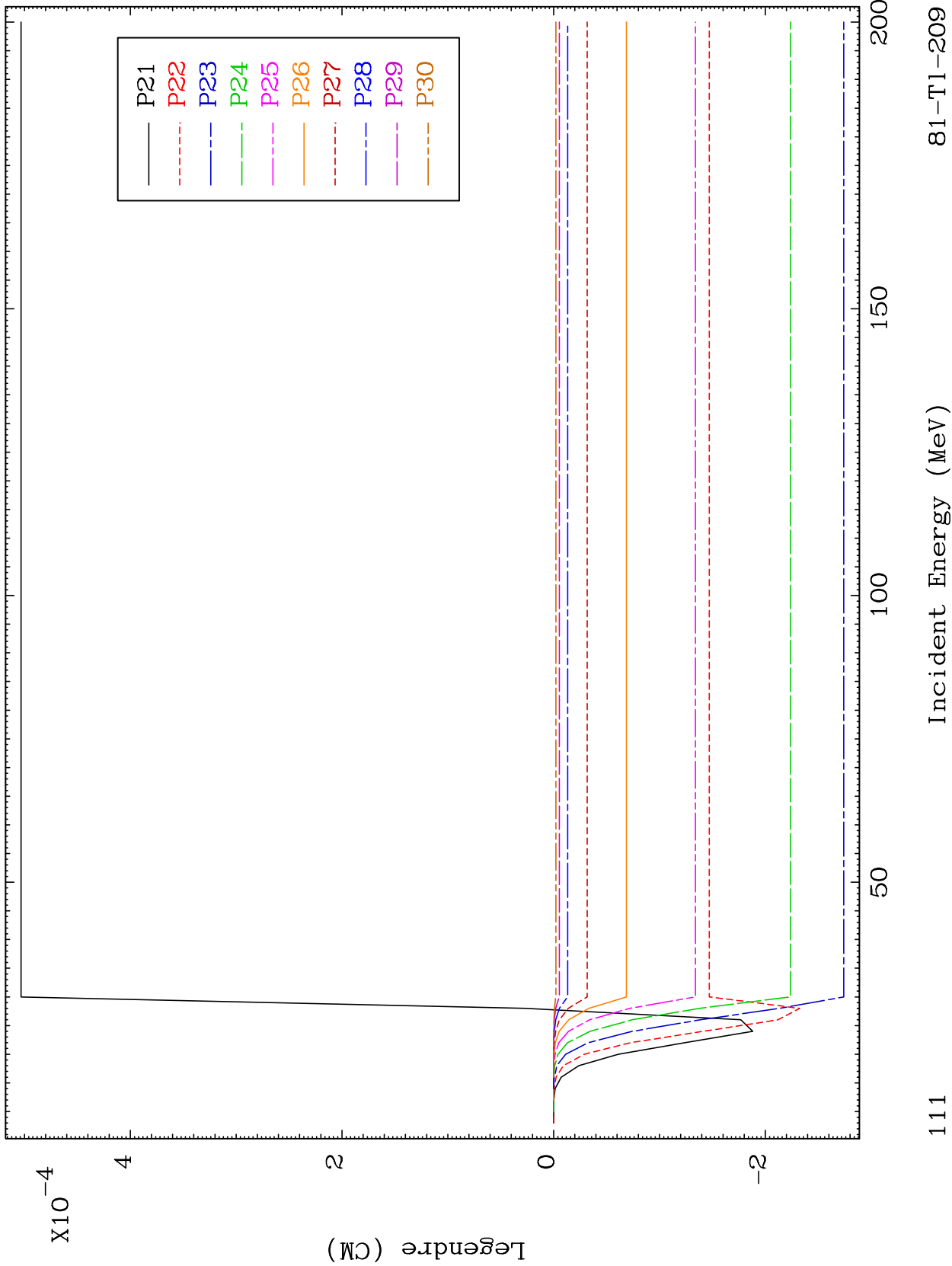
Incident Energy (MeV)

81-Tl-209

MAT 8143

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

81-T1-209



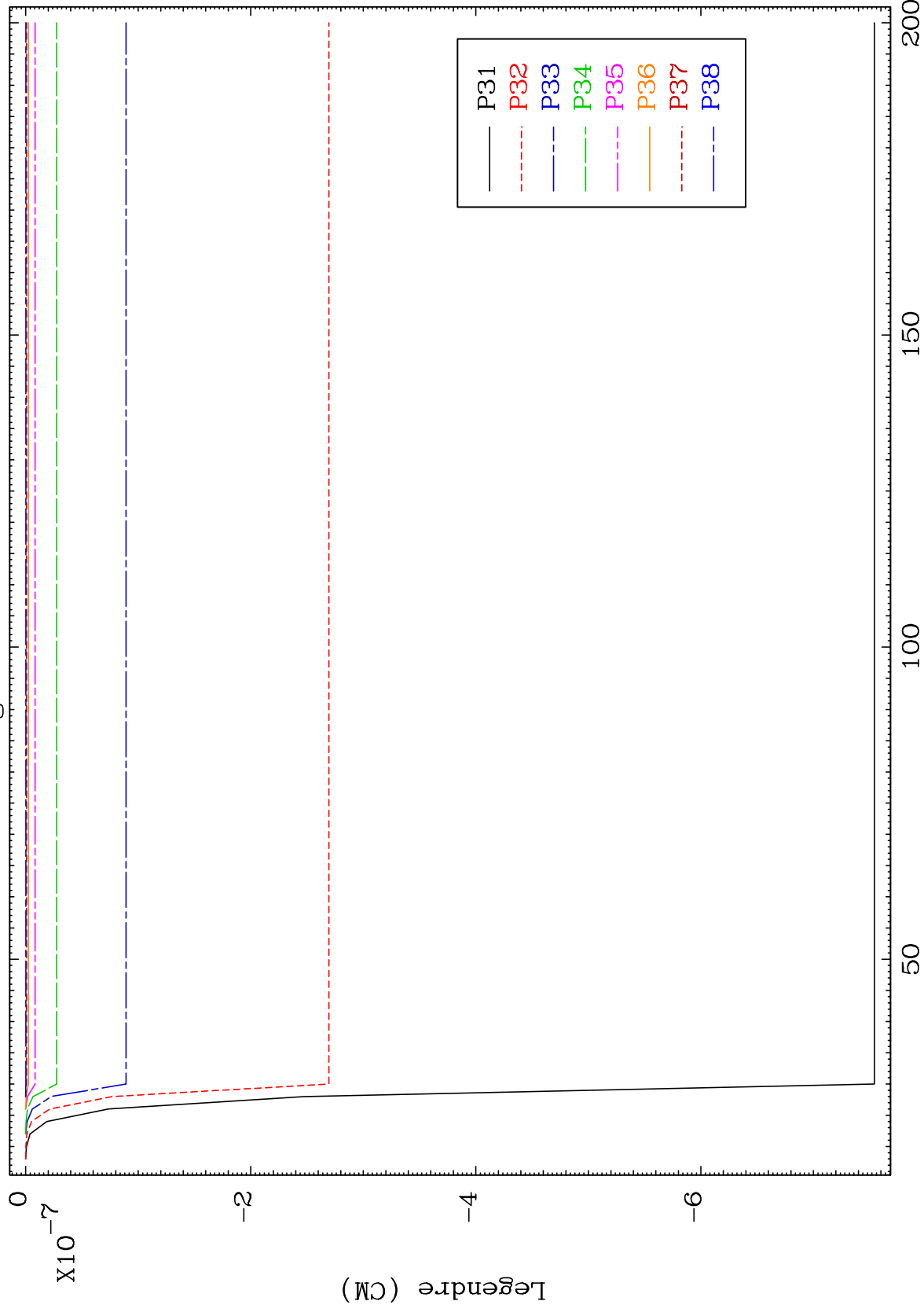
111

81-T1-209

MAT 8143

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

81-T1-209



112

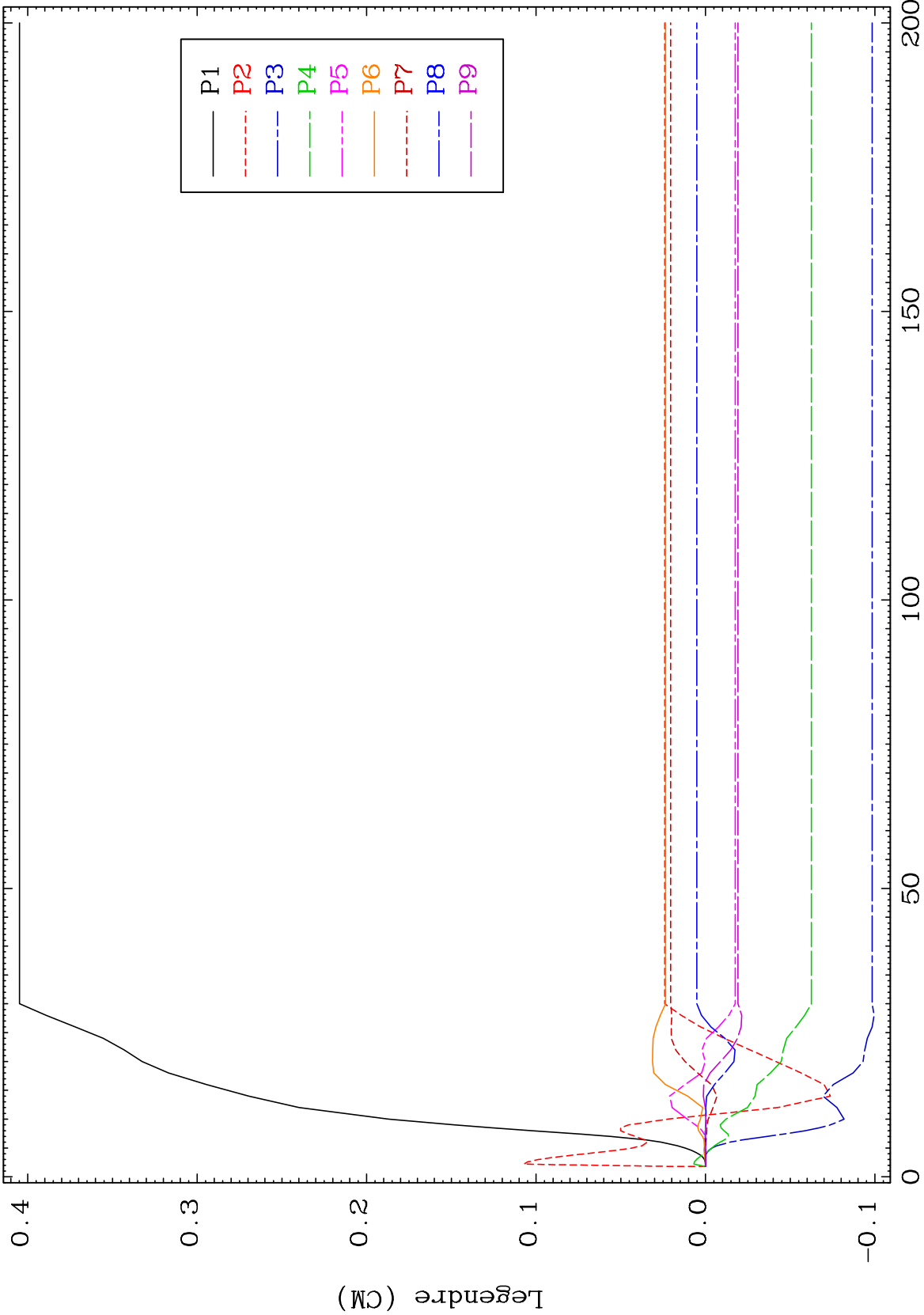
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



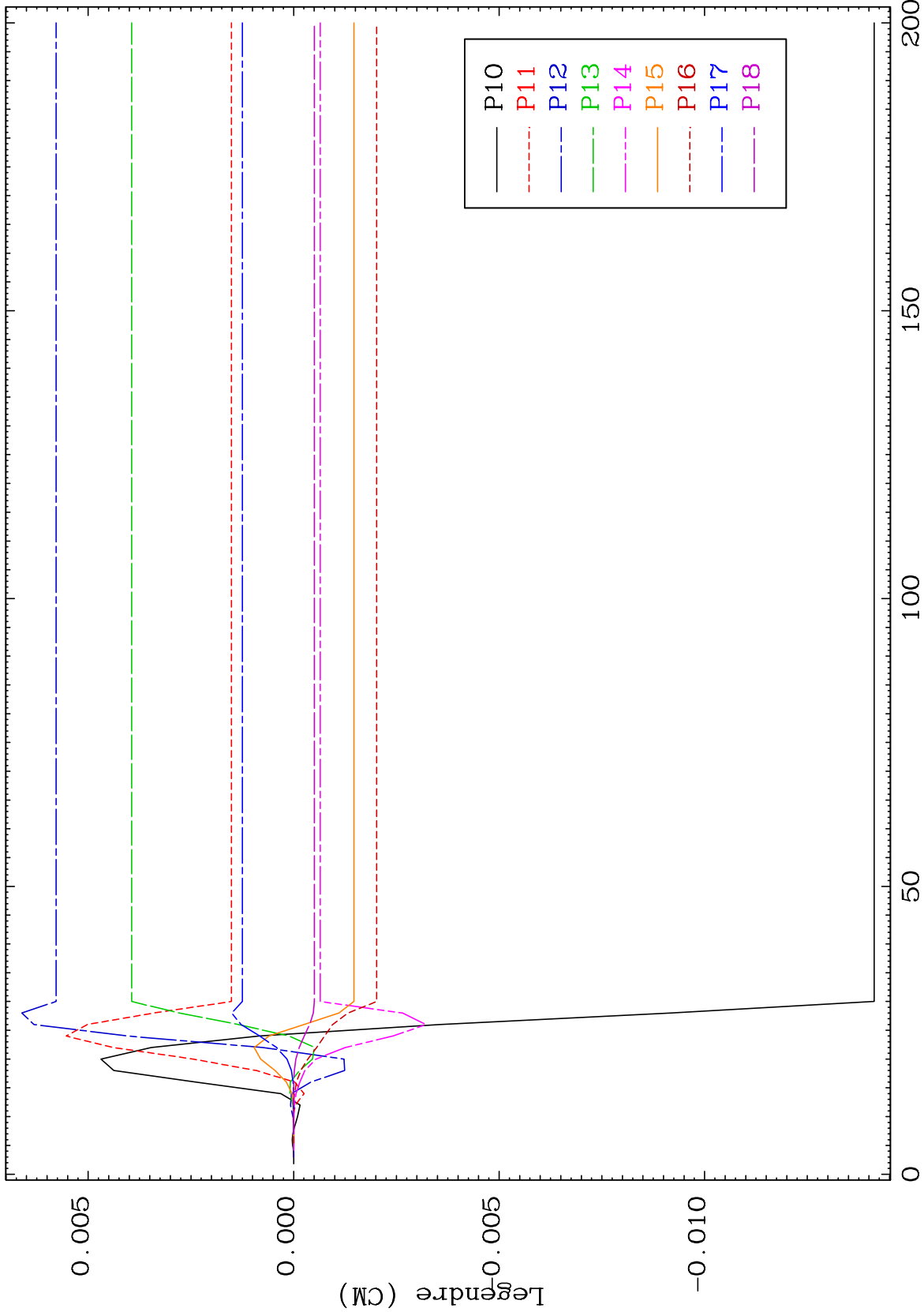
113

81-T1-209

MAT 8143

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

81-T1-209



114

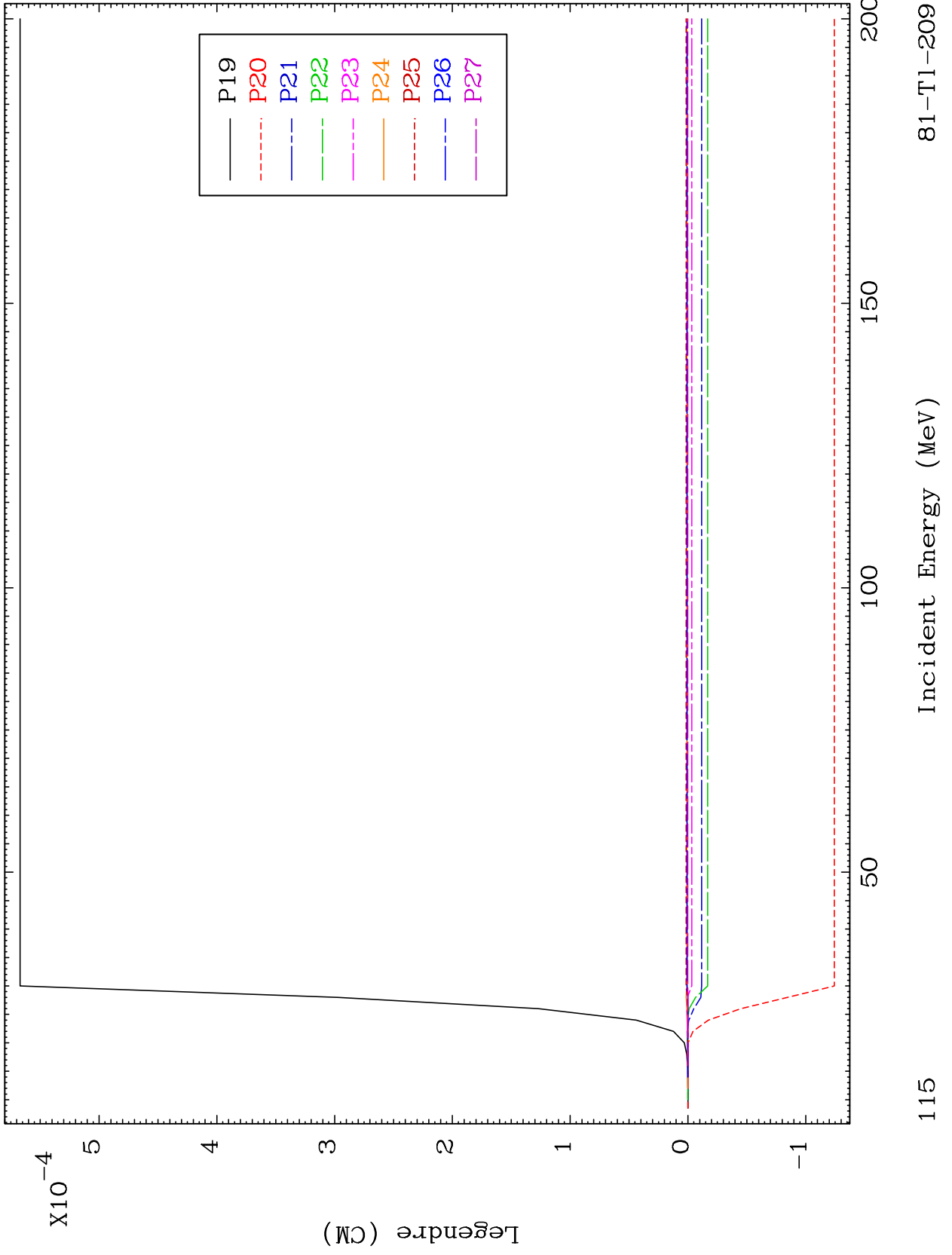
Incident Energy (MeV)

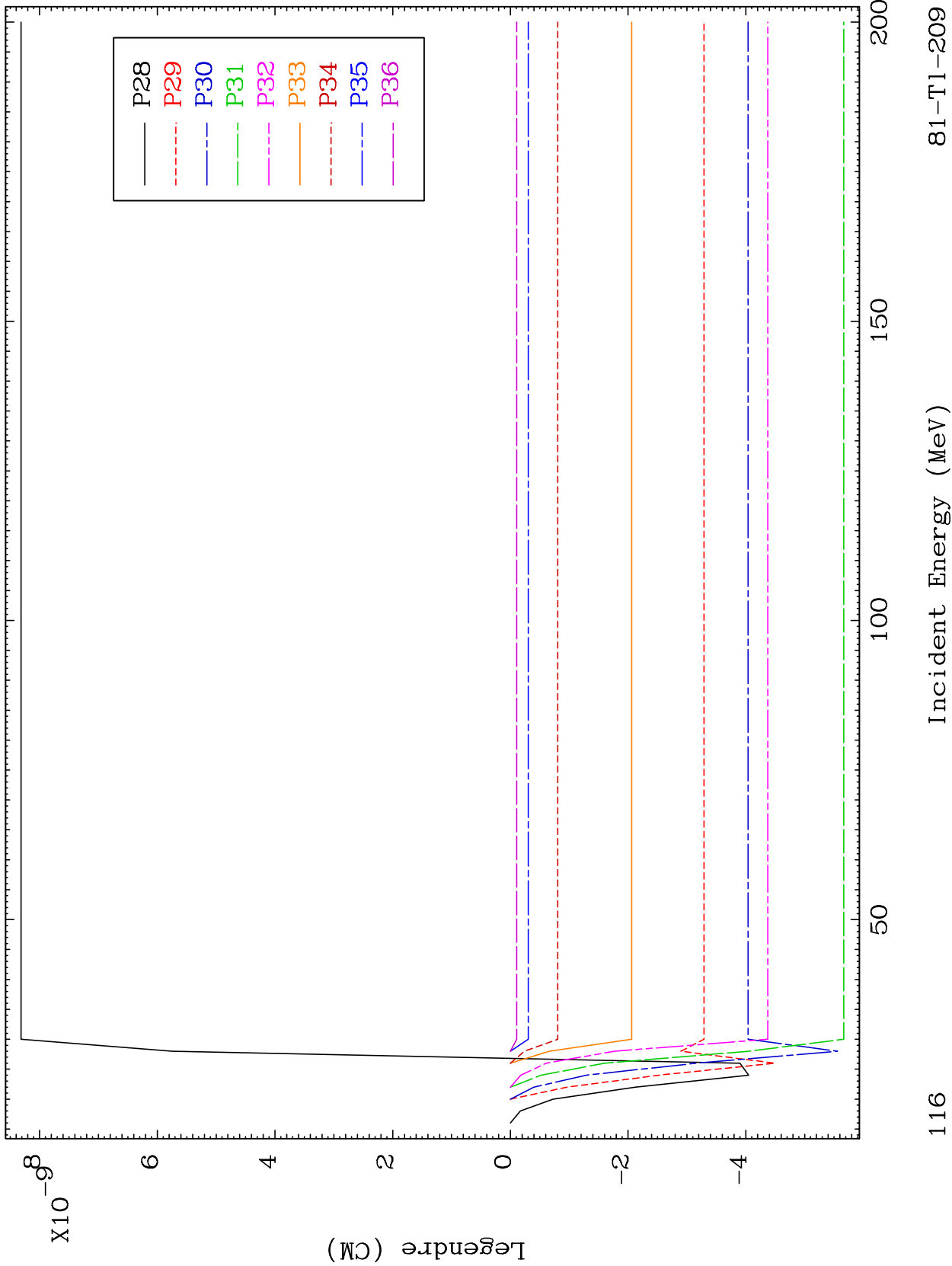
81-T1-209

MAT 8143

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

81-T1-209

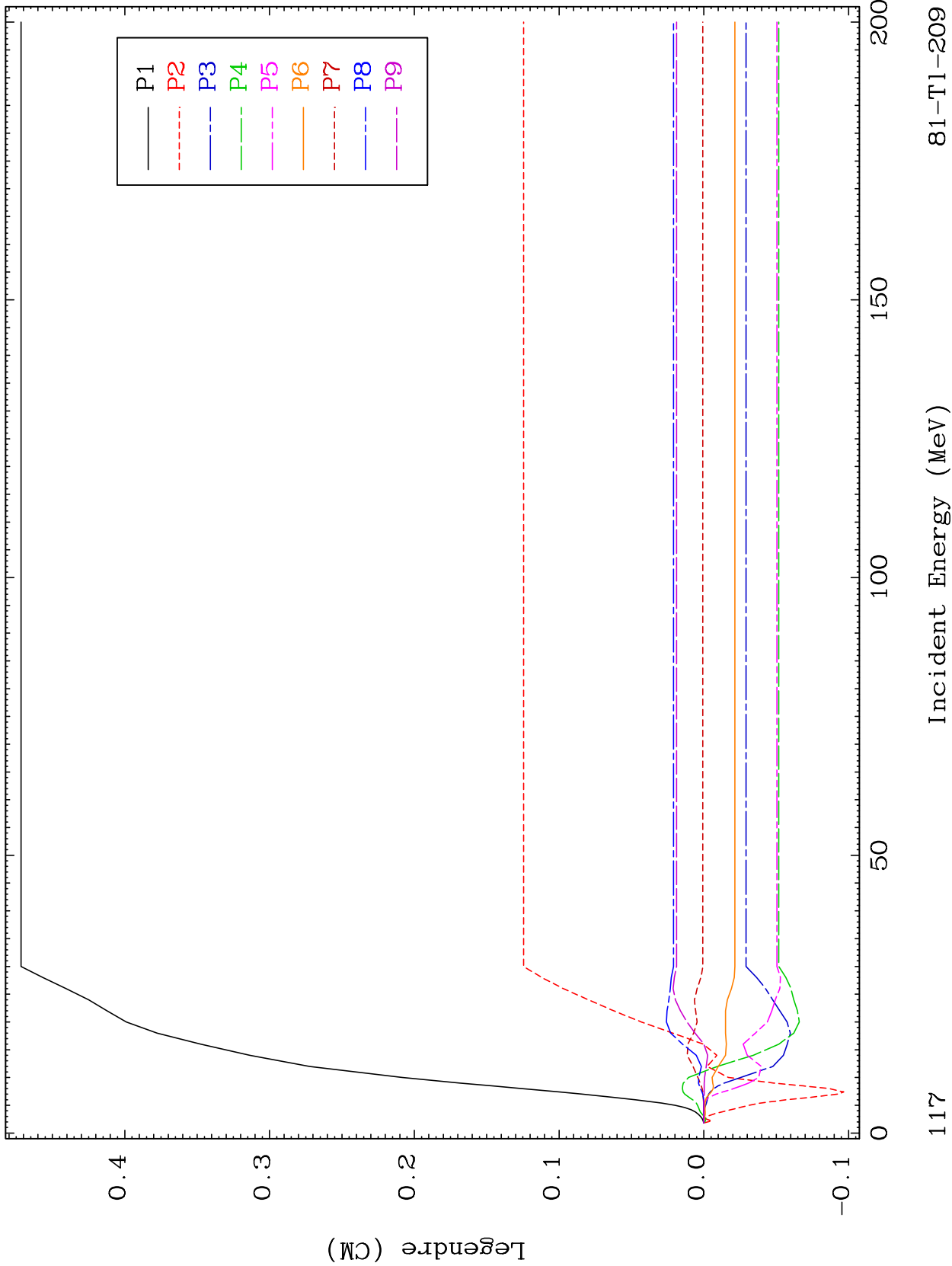




MAT 8143

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

81-T1-209



117

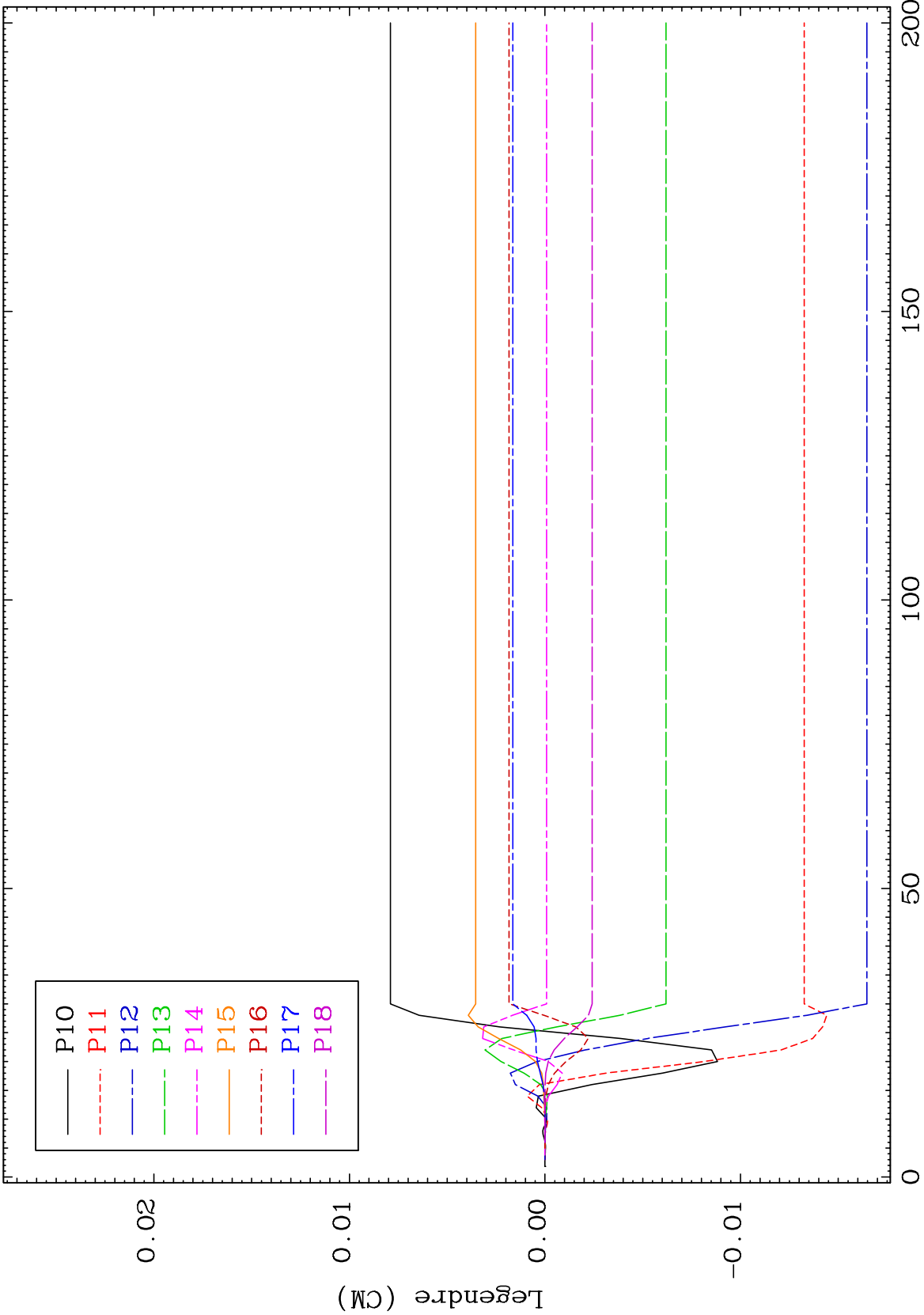
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



118

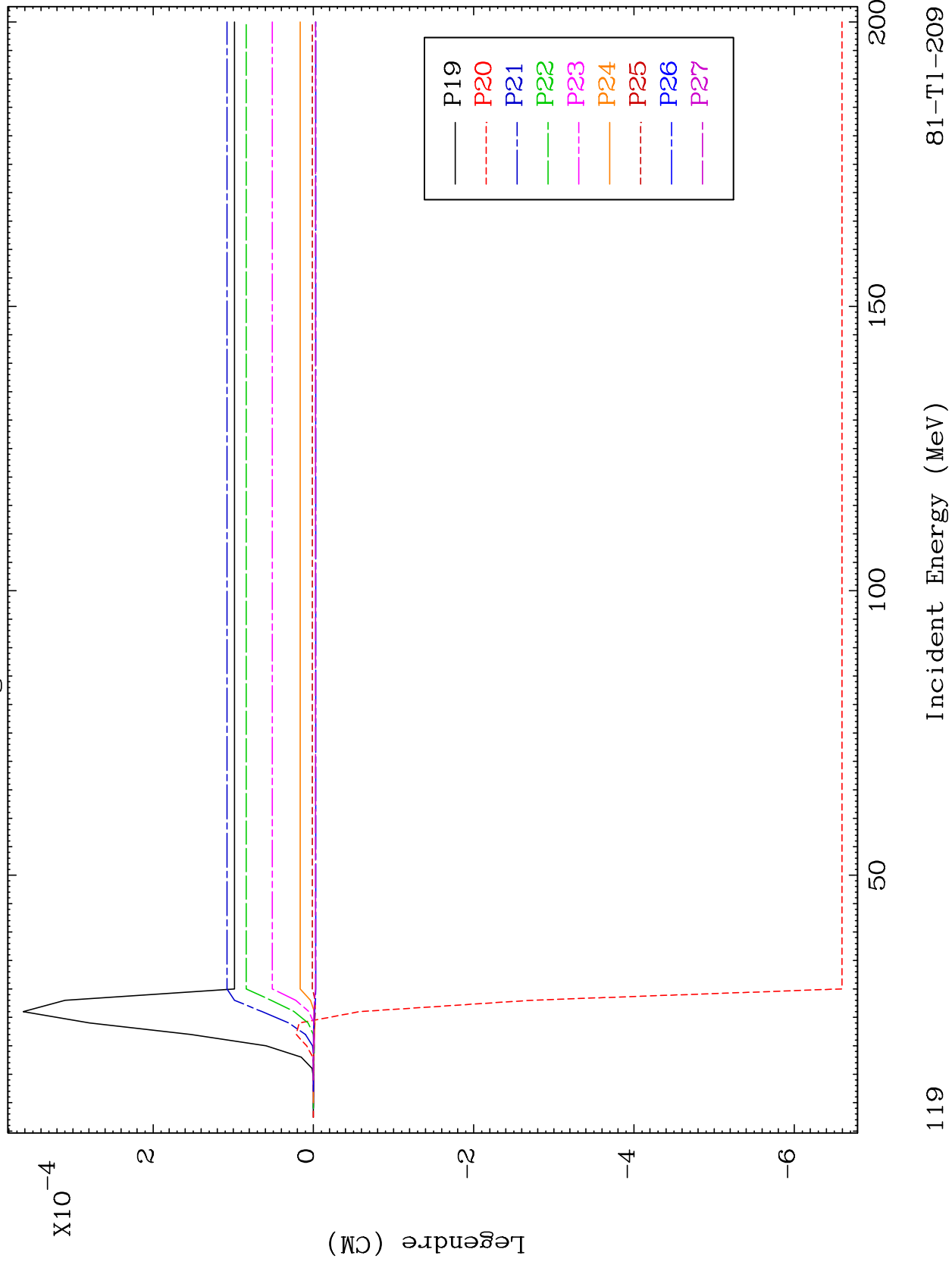
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



119

Incident Energy (MeV)

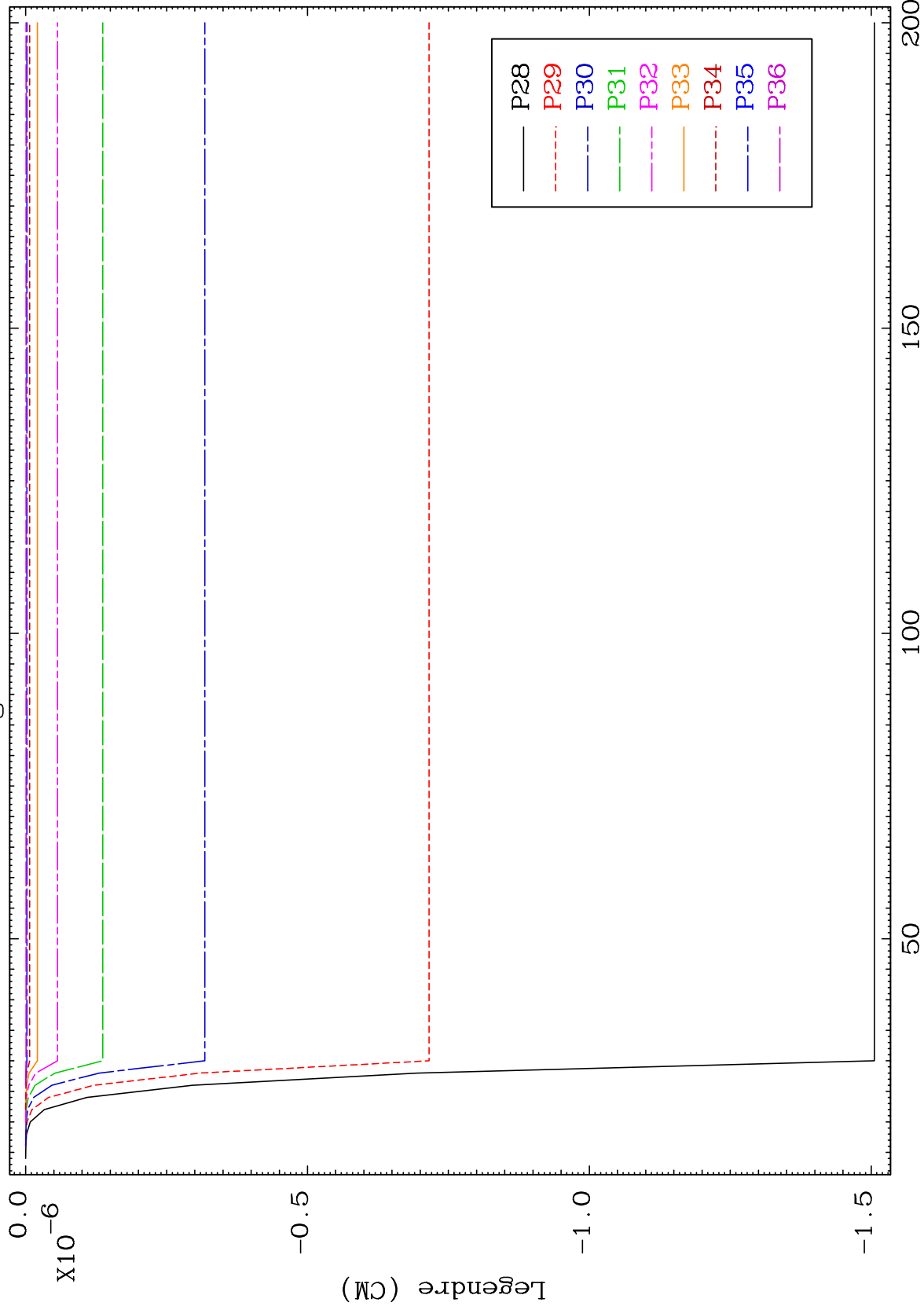
81-T1-209

MAT 8143

MT= 76 (n,n') Level

81-Tl-209

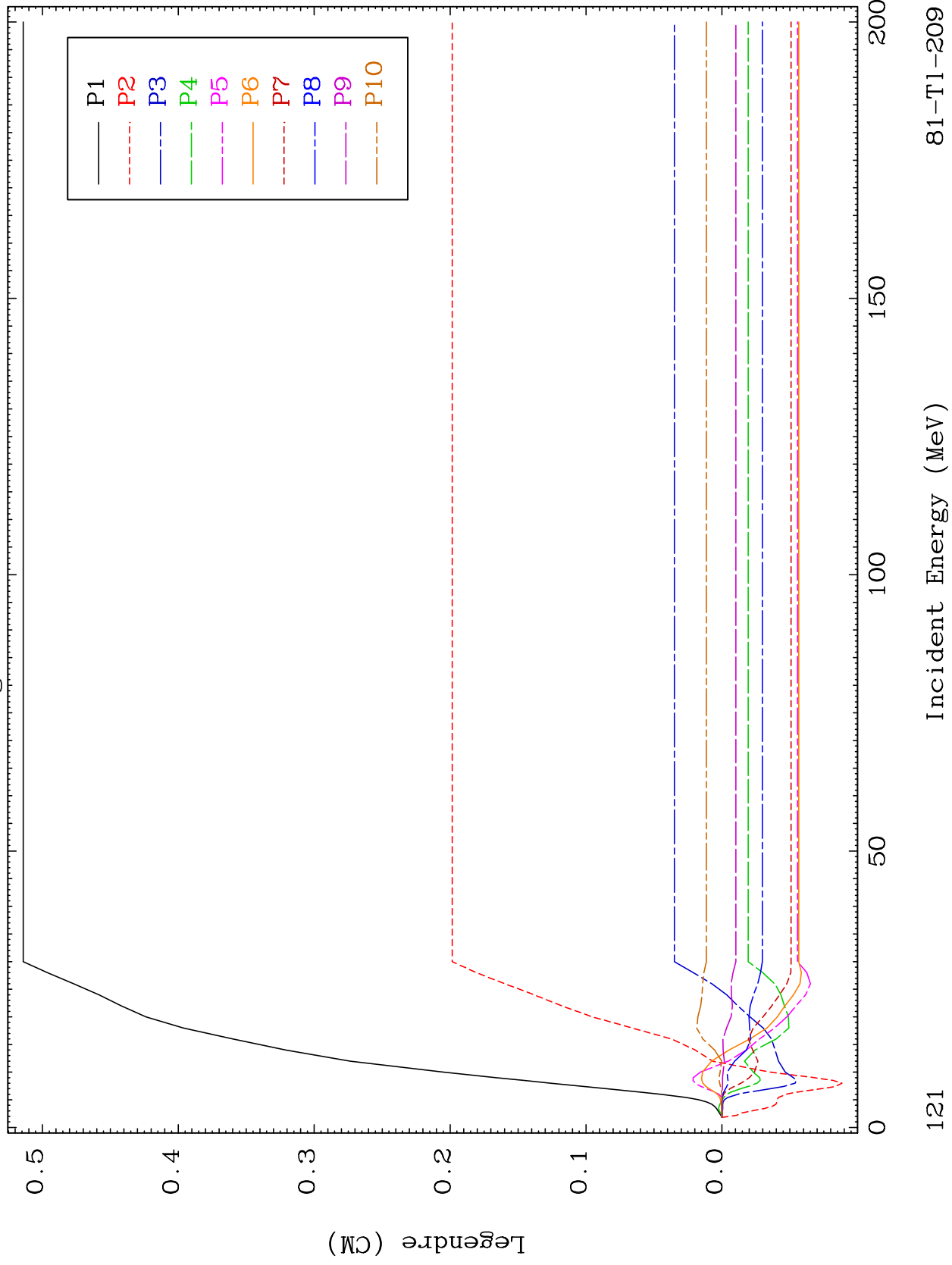
Legendre Coefficients



MAT 8143

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

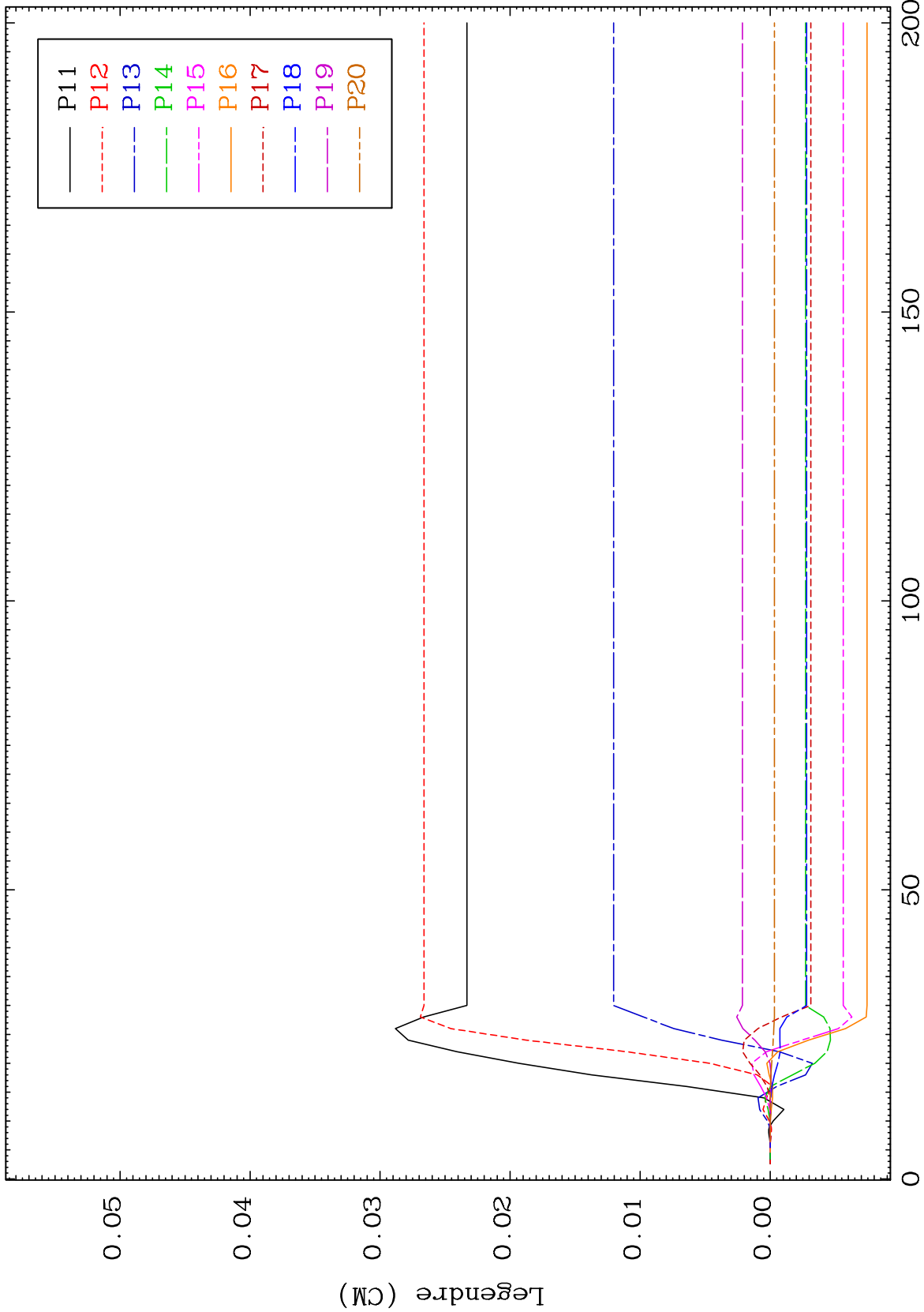
81-T1-209



MAT 8143

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

81-T1-209



122

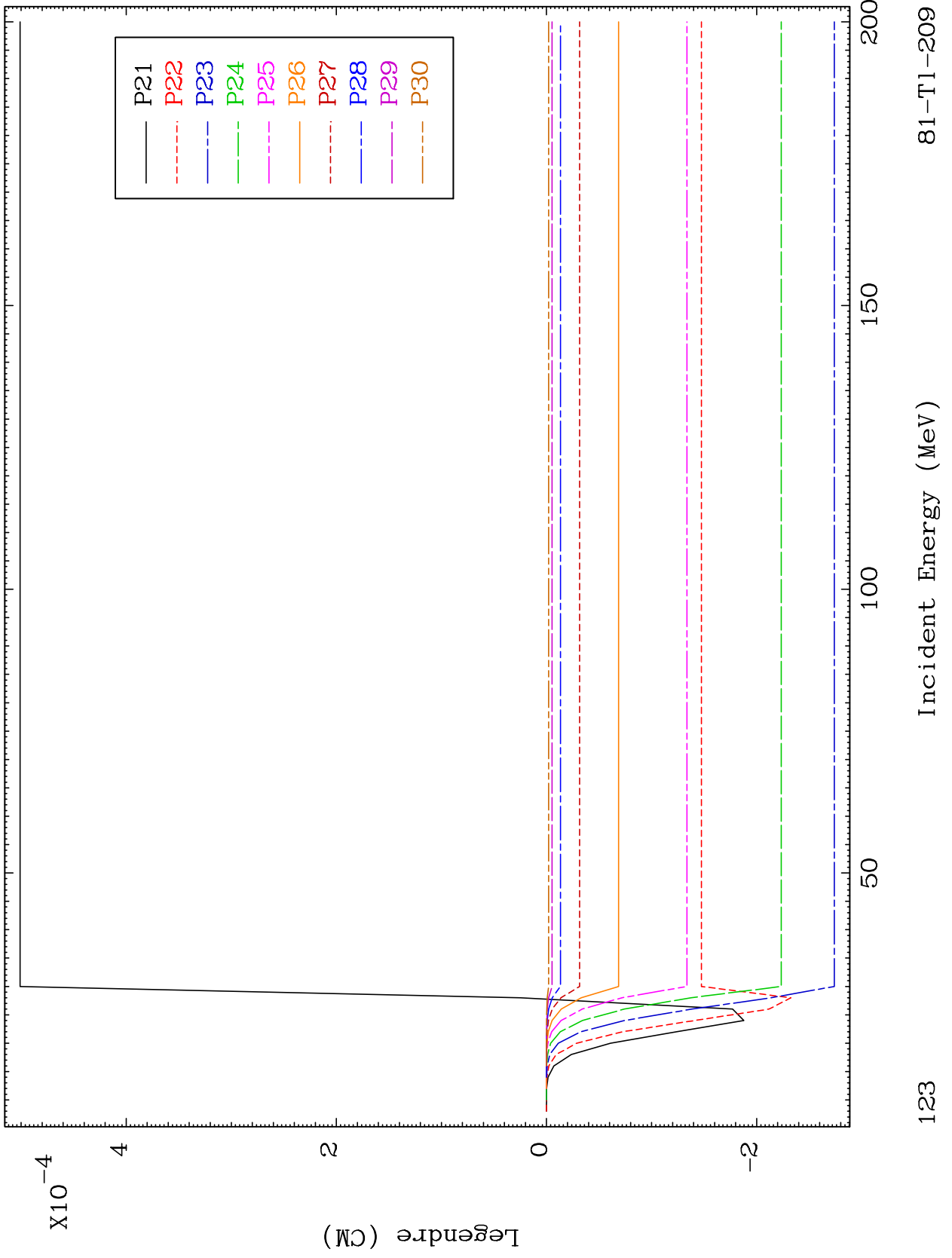
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209

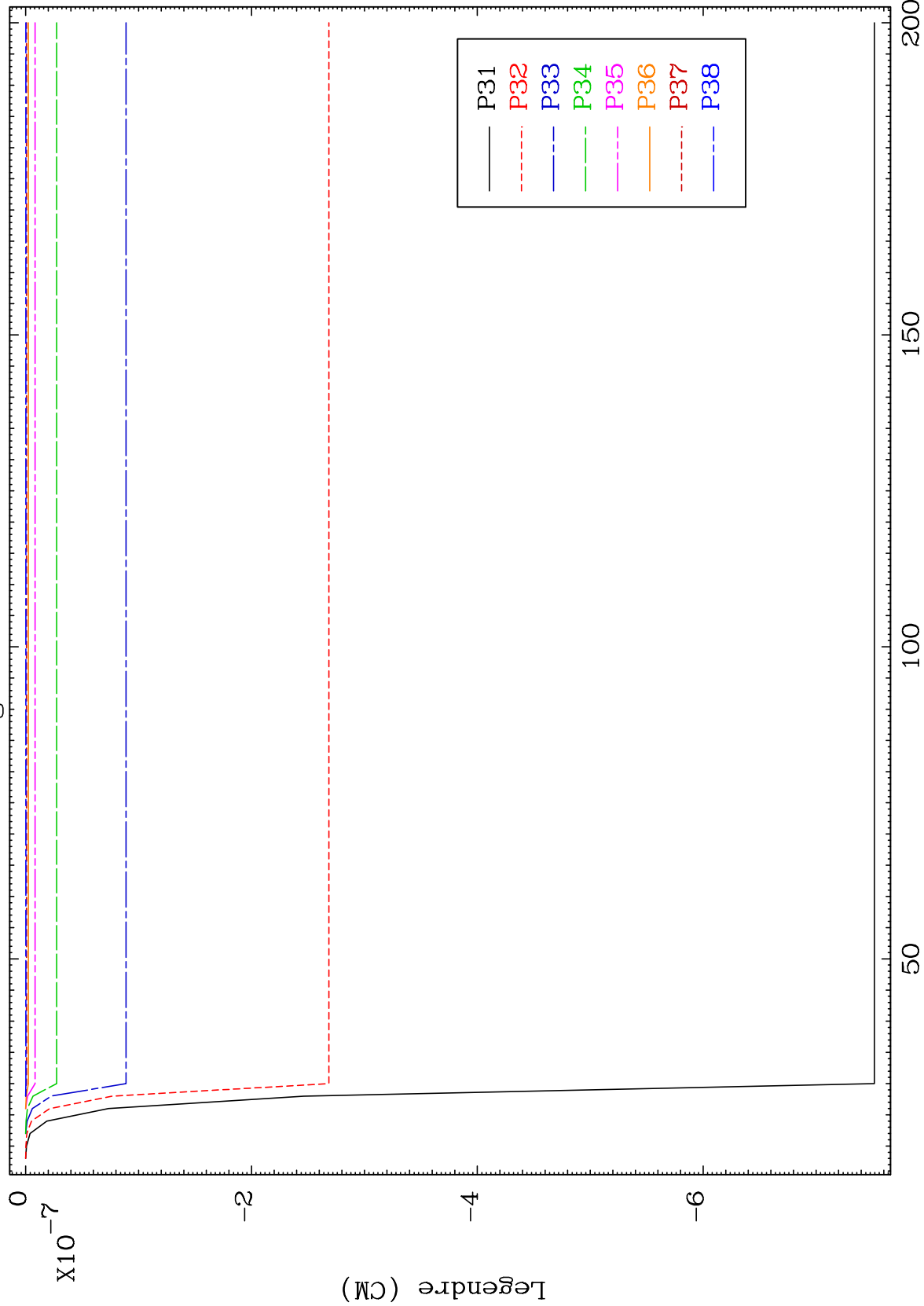


MAT 8143

MT= 77 (n,n') Level

81-T1-209

Legendre Coefficients



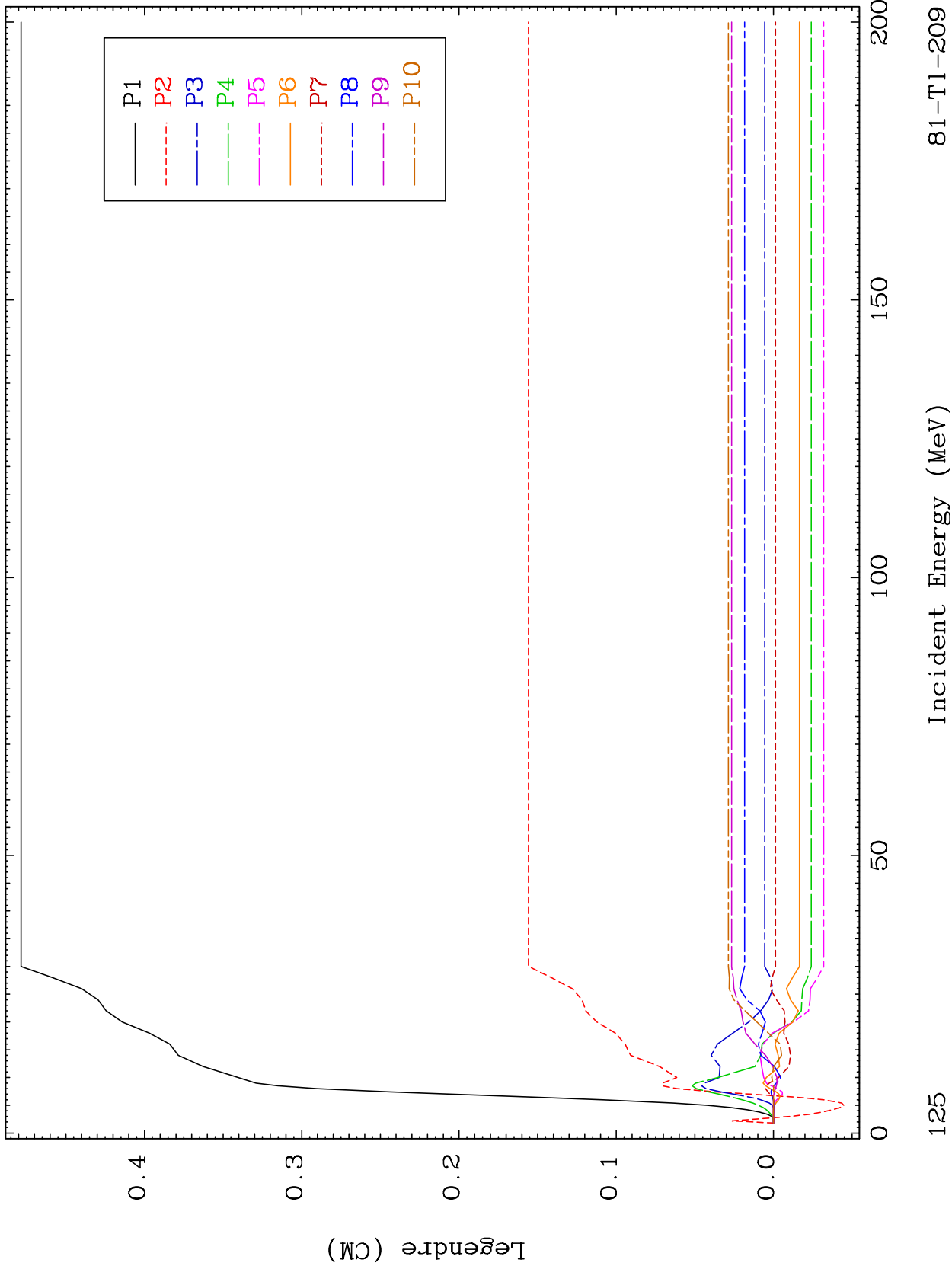
124

81-T1-209

MAT 8143

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

81-Tl-209



81-Tl-209

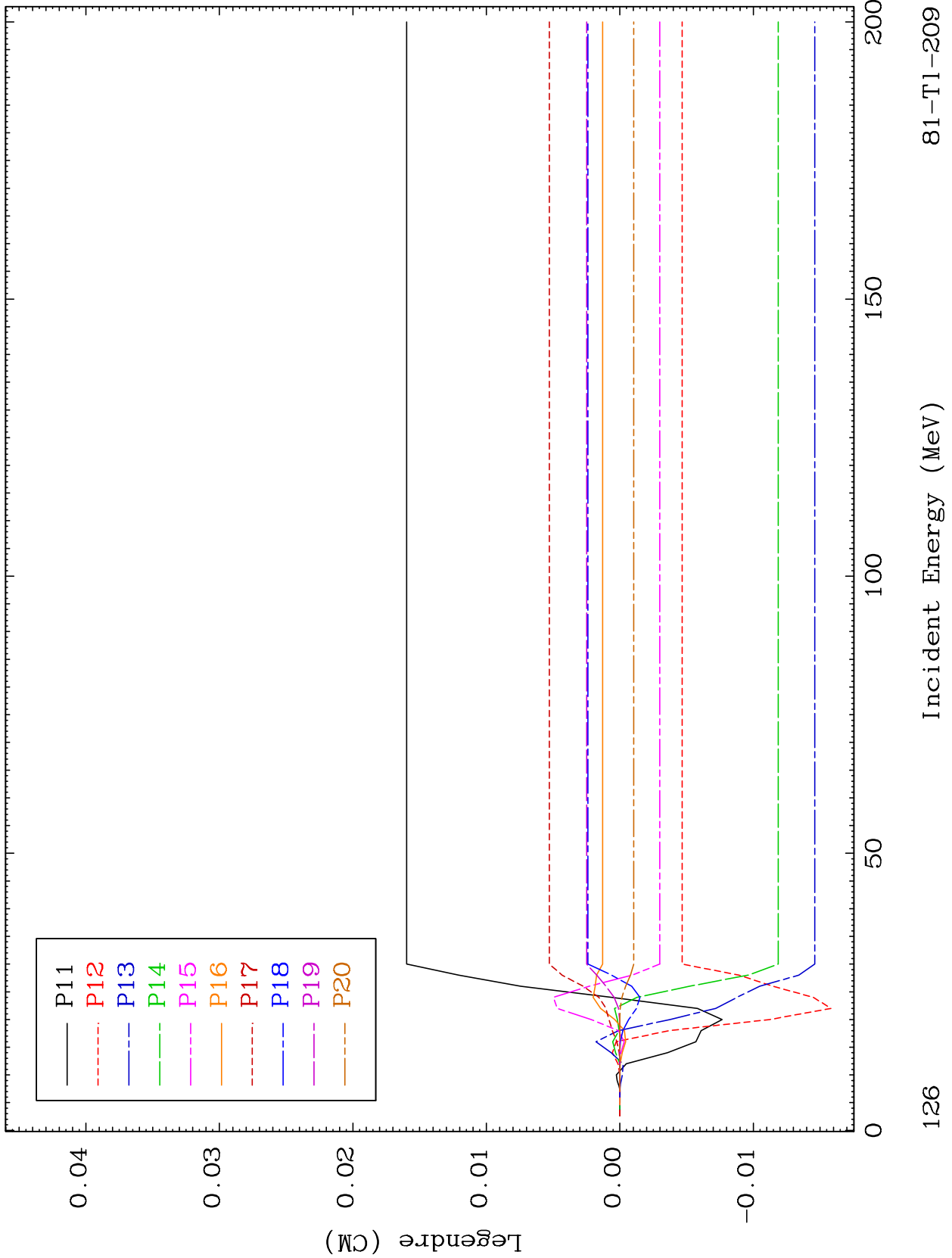
Incident Energy (MeV)

125

MAT 8143

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

81-T1-209



126

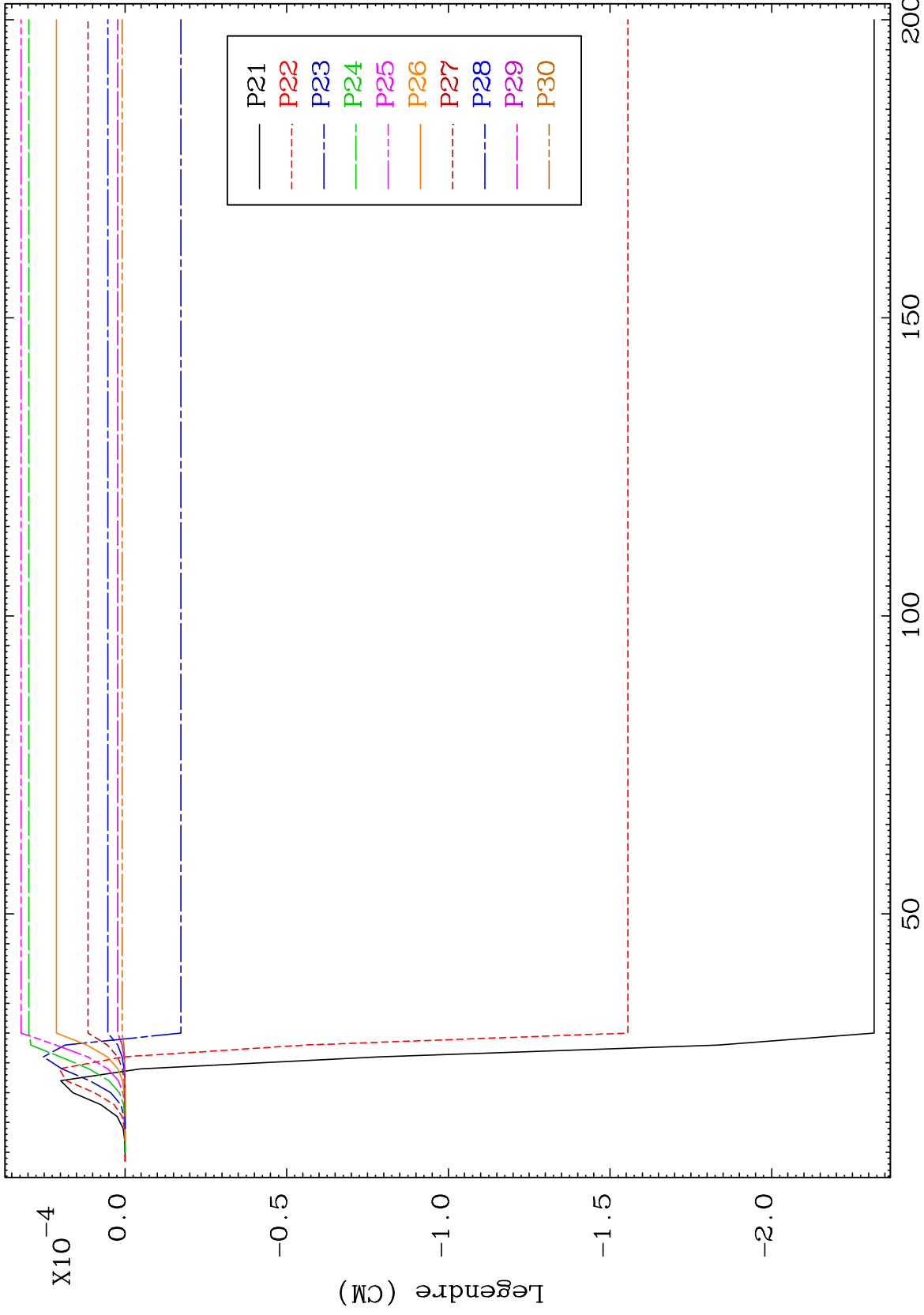
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



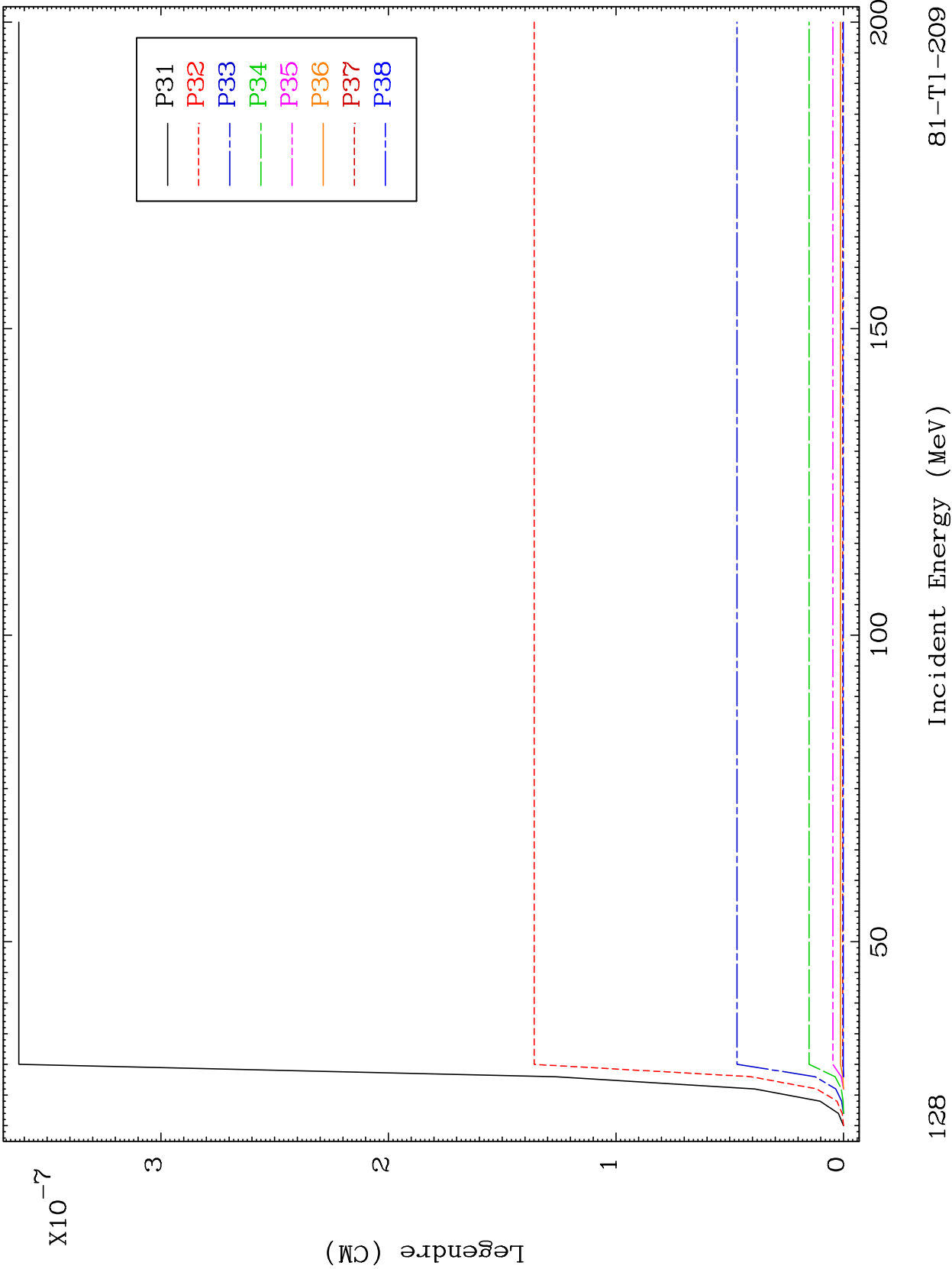
127

81-T1-209

MAT 8143

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

81-Tl-209



128

Incident Energy (MeV)

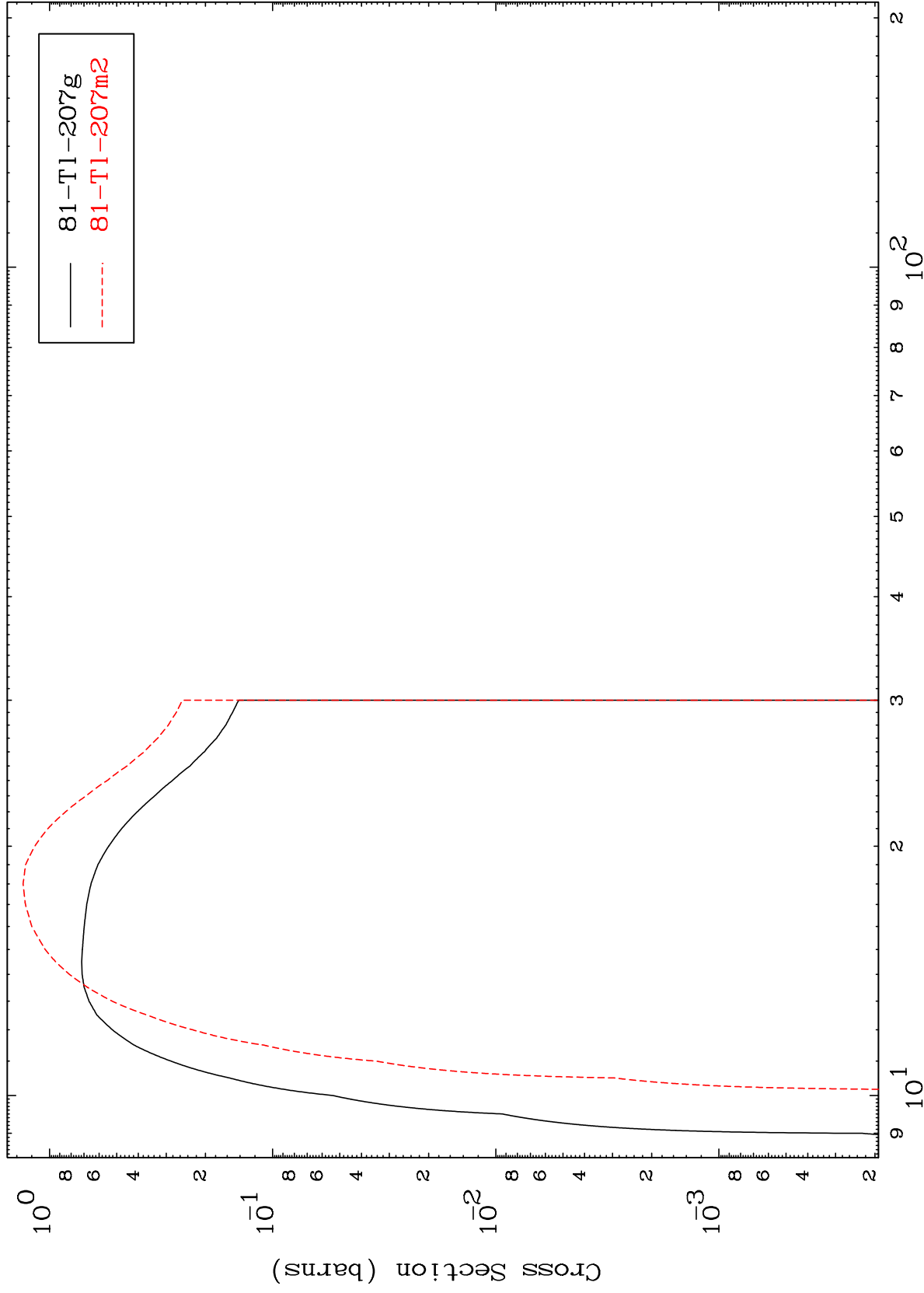
81-Tl-209

MAT 8143

(n,3n)

81-Tl-209

Radionuclide Production Cross Section



129

Incident Energy (MeV)

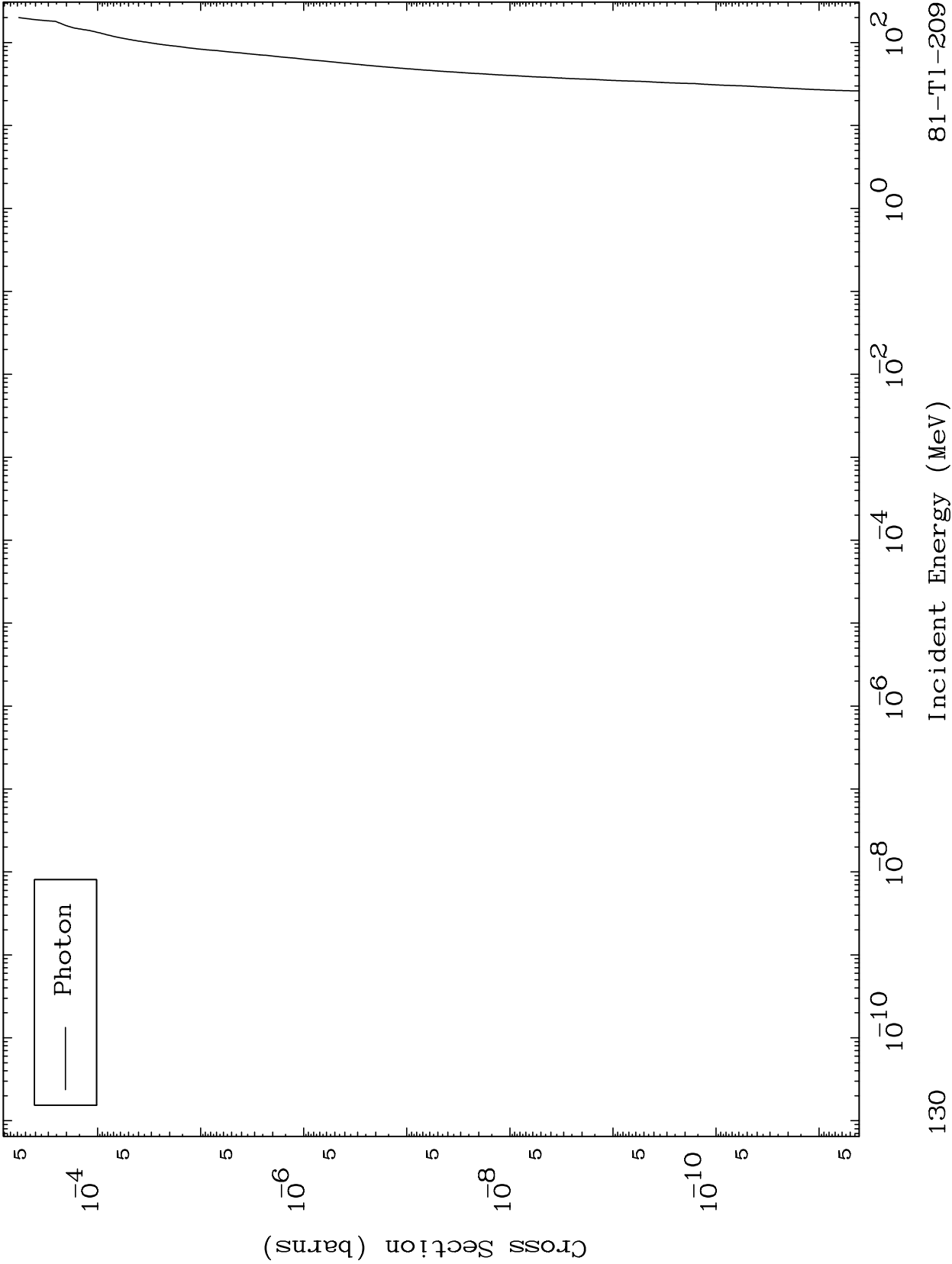
81-Tl-209

MAT 8143

Fission

81-Tl-209

Radionuclide Production Cross Section



130

Incident Energy (MeV)

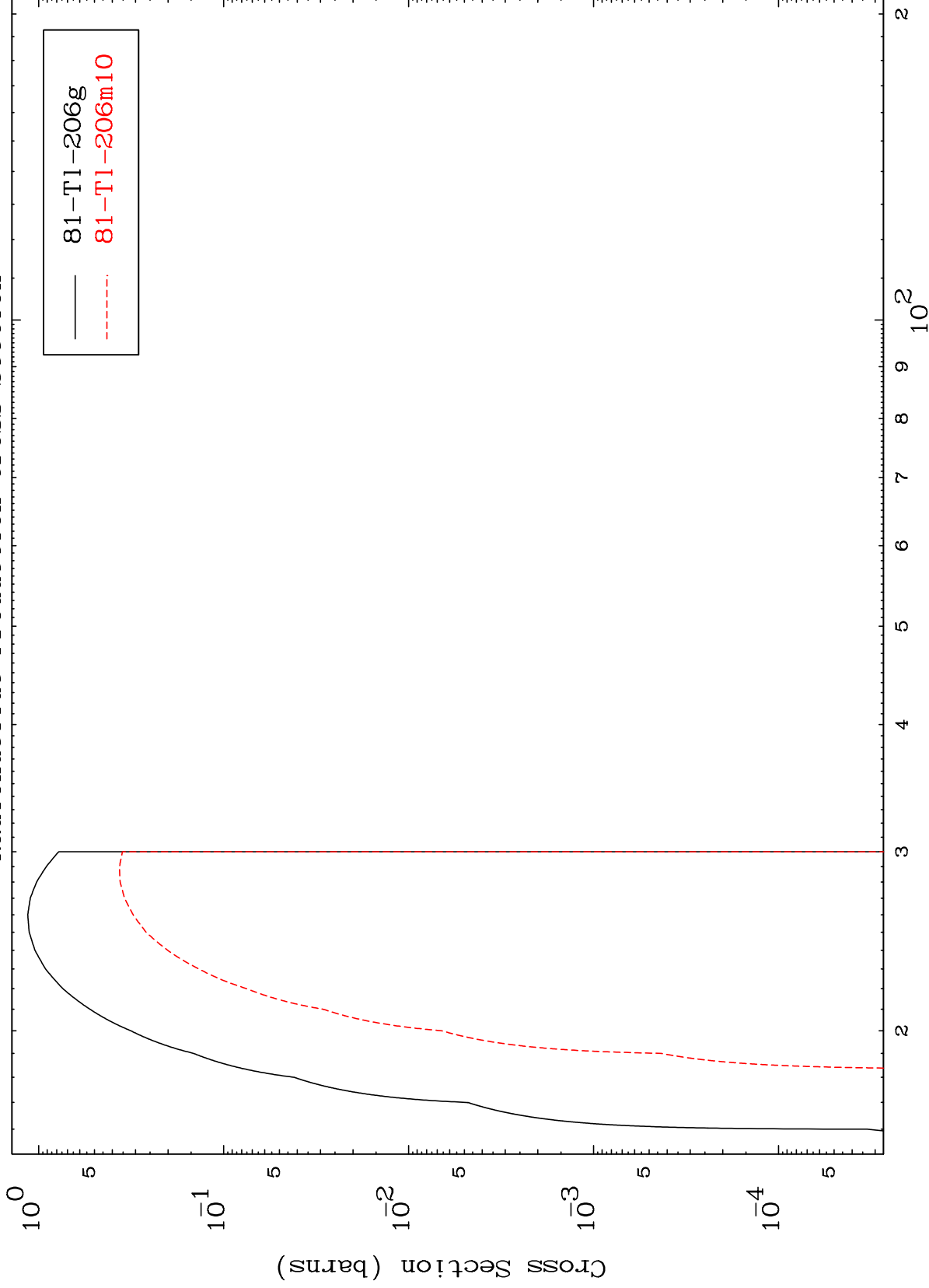
81-Tl-209

MAT 8143

(n,4n)

81-Tl-209

Radionuclide Production Cross Section



81-Tl-206g

81-Tl-206m10

131

Incident Energy (MeV)

81-Tl-209