

Program EVALPLOT
(Version 2021-1)

by

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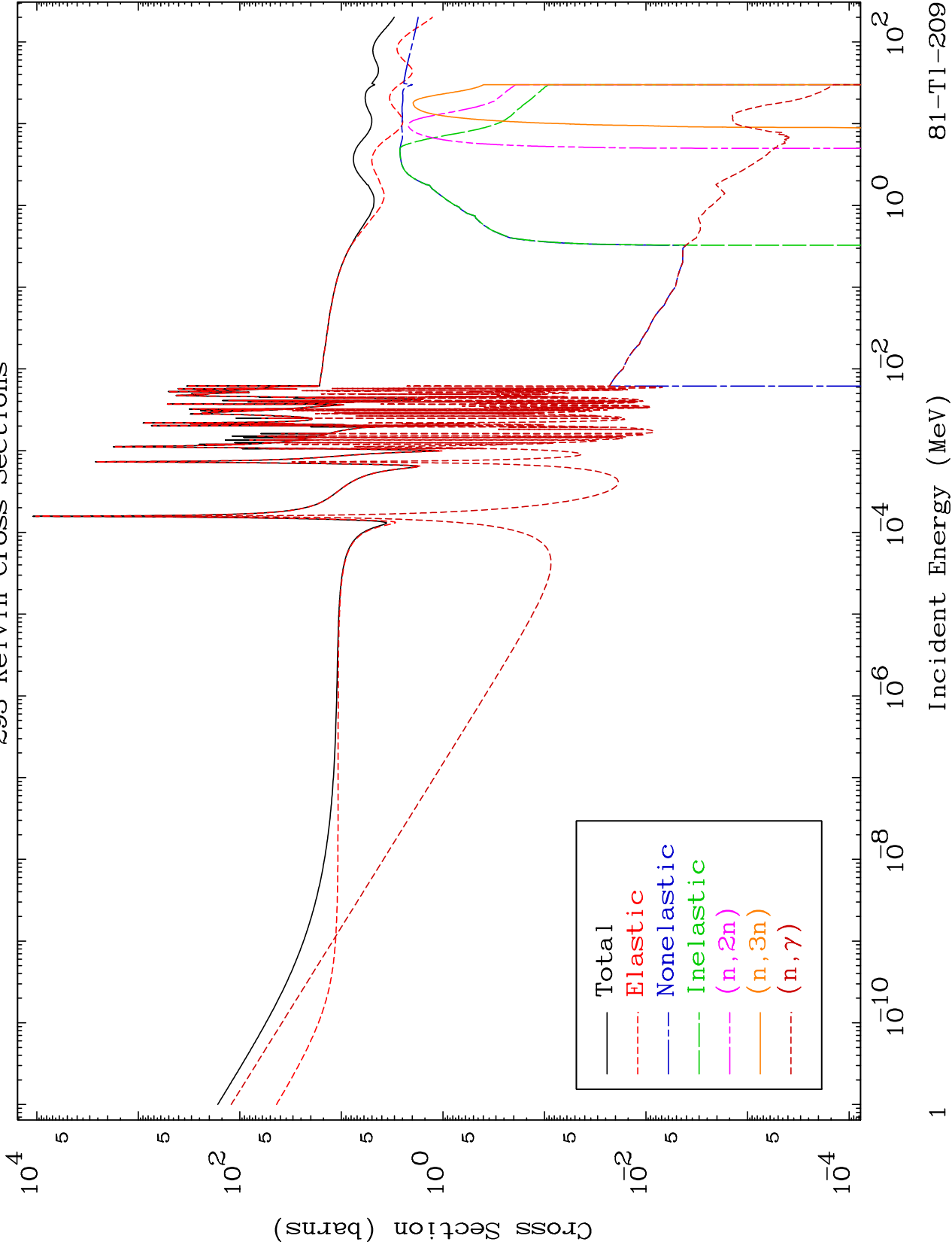
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Press Mouse Button to Start

MAT 8143

Neutron Major
293 Kelvin Cross Sections

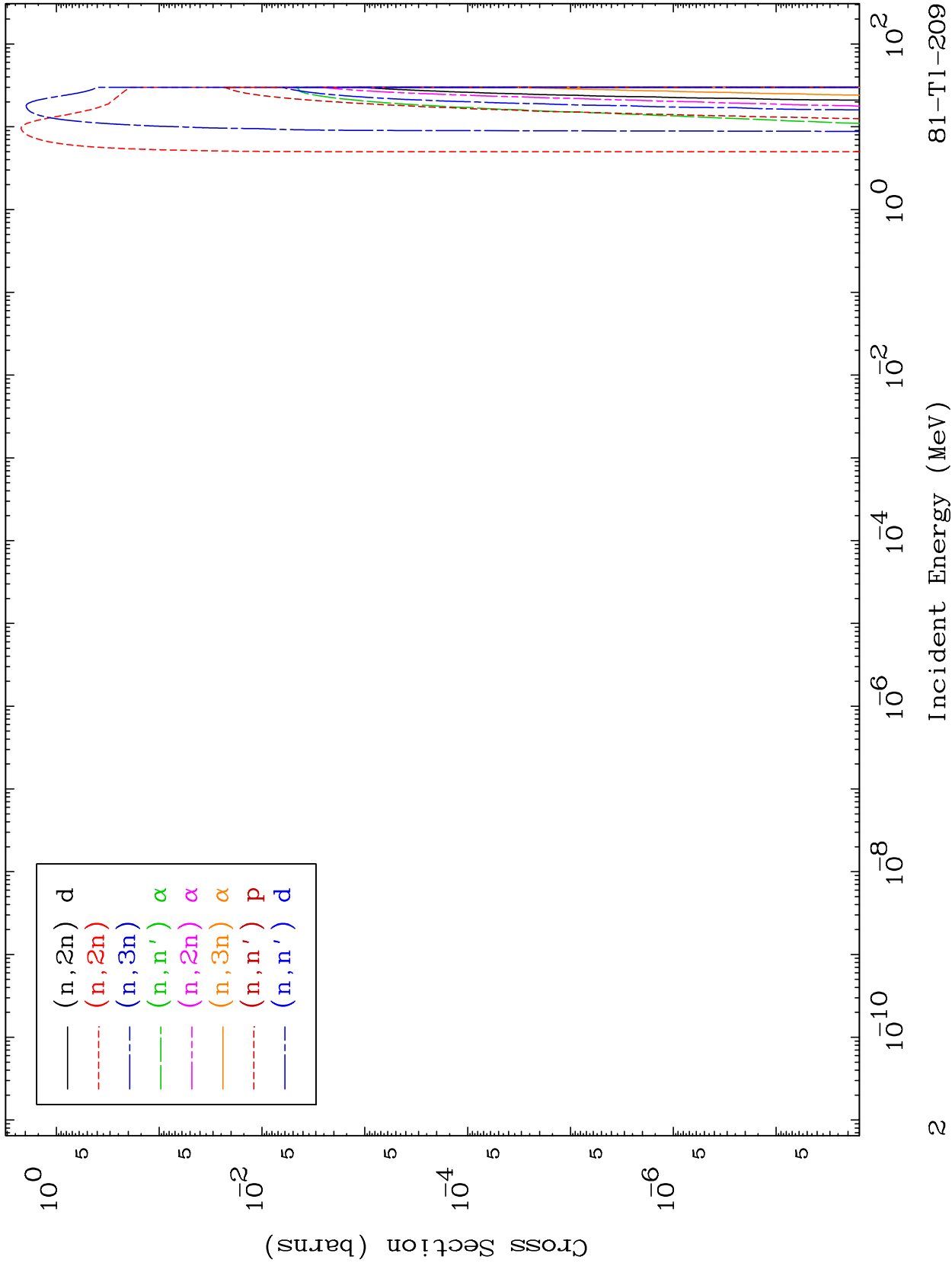
81-Tl-209



MAT 8143

Neutron Absorption
293 Kelvin Cross Sections

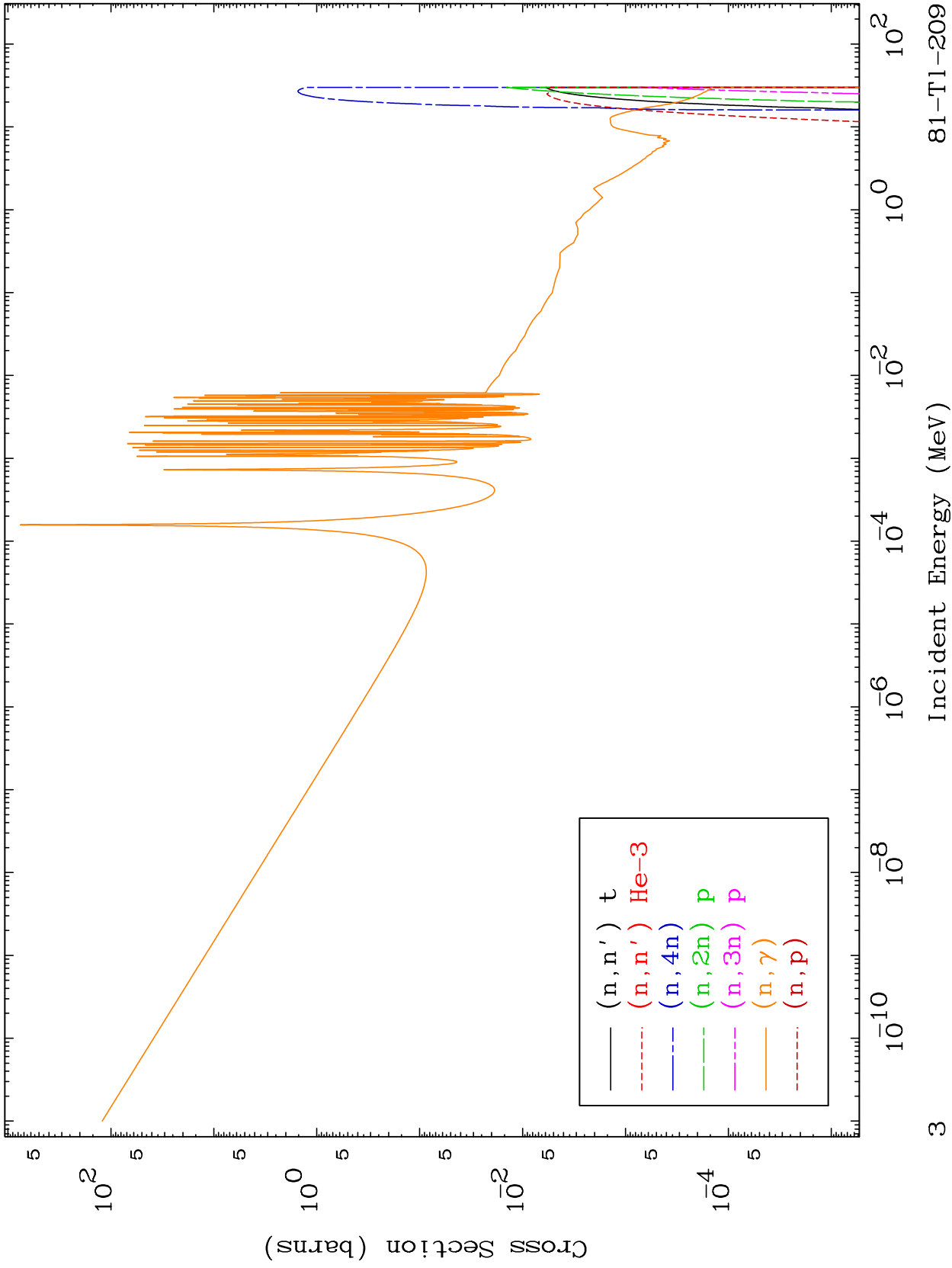
81-Tl-209



MAT 8143

Neutron Absorption
293 Kelvin Cross Sections

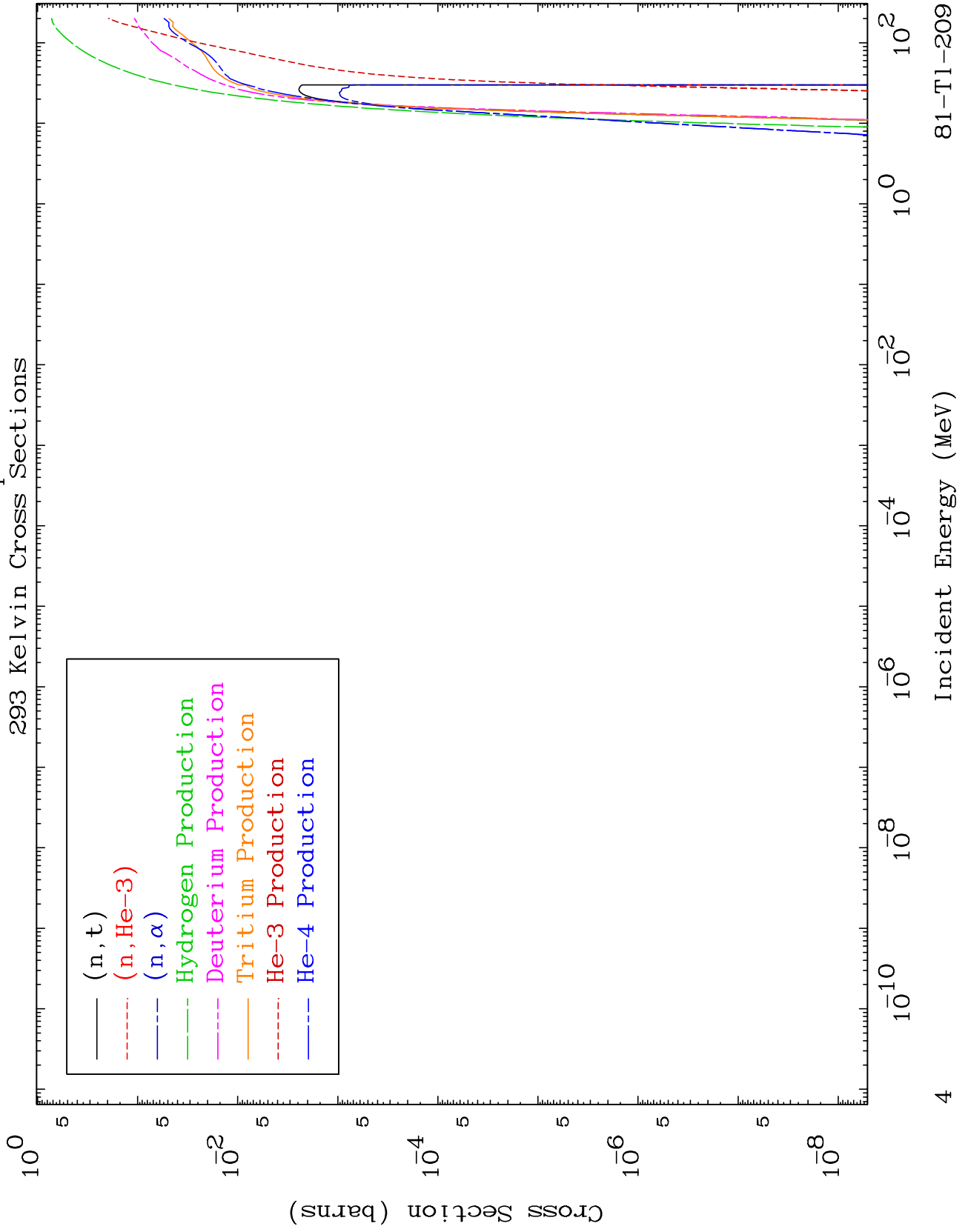
81-Tl-209



MAT 8143

Neutron Absorption
293 Kelvin Cross Sections

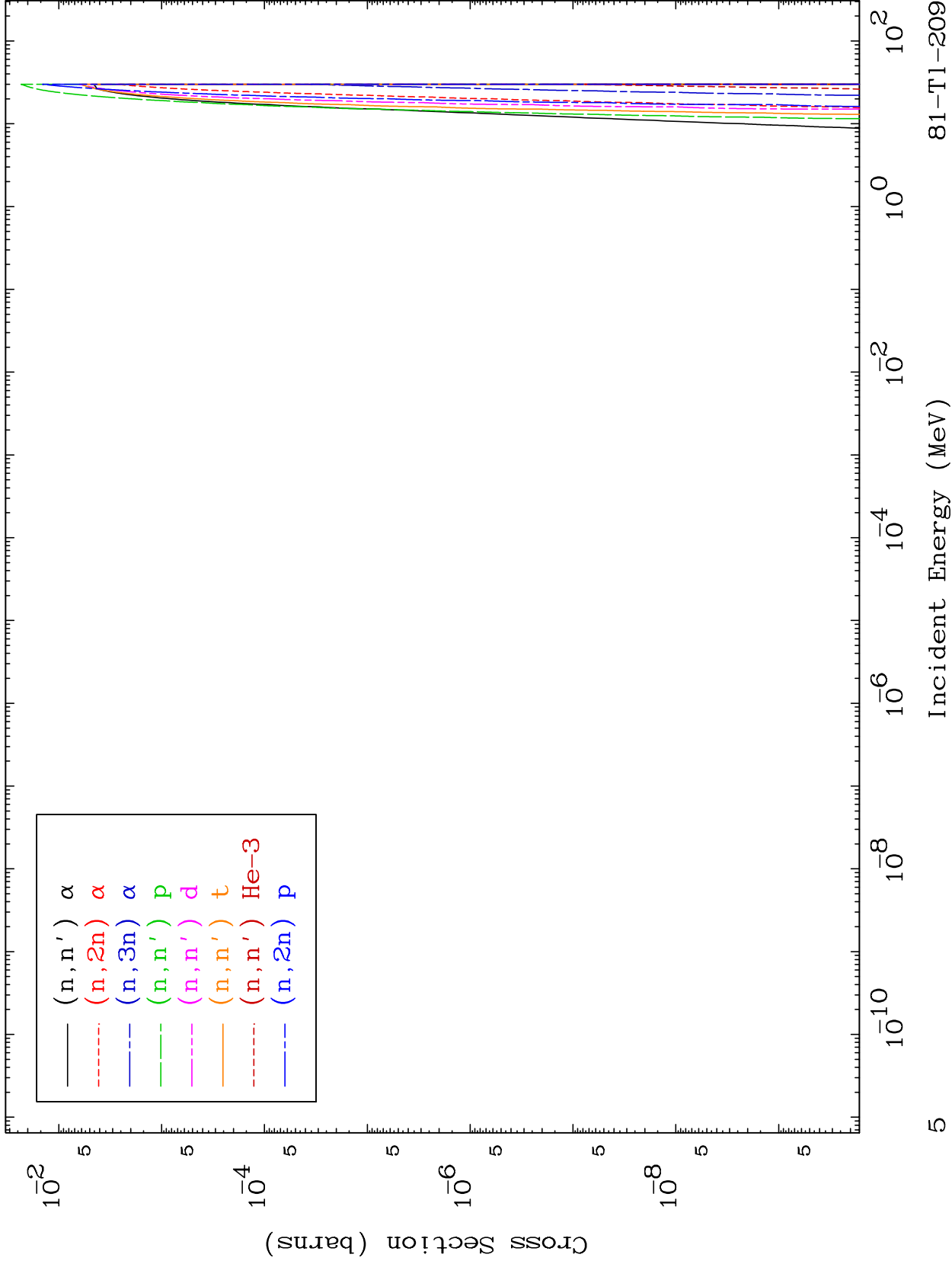
81-Tl-209



MAT 8143

Charged Particle
293 Kelvin Cross Sections

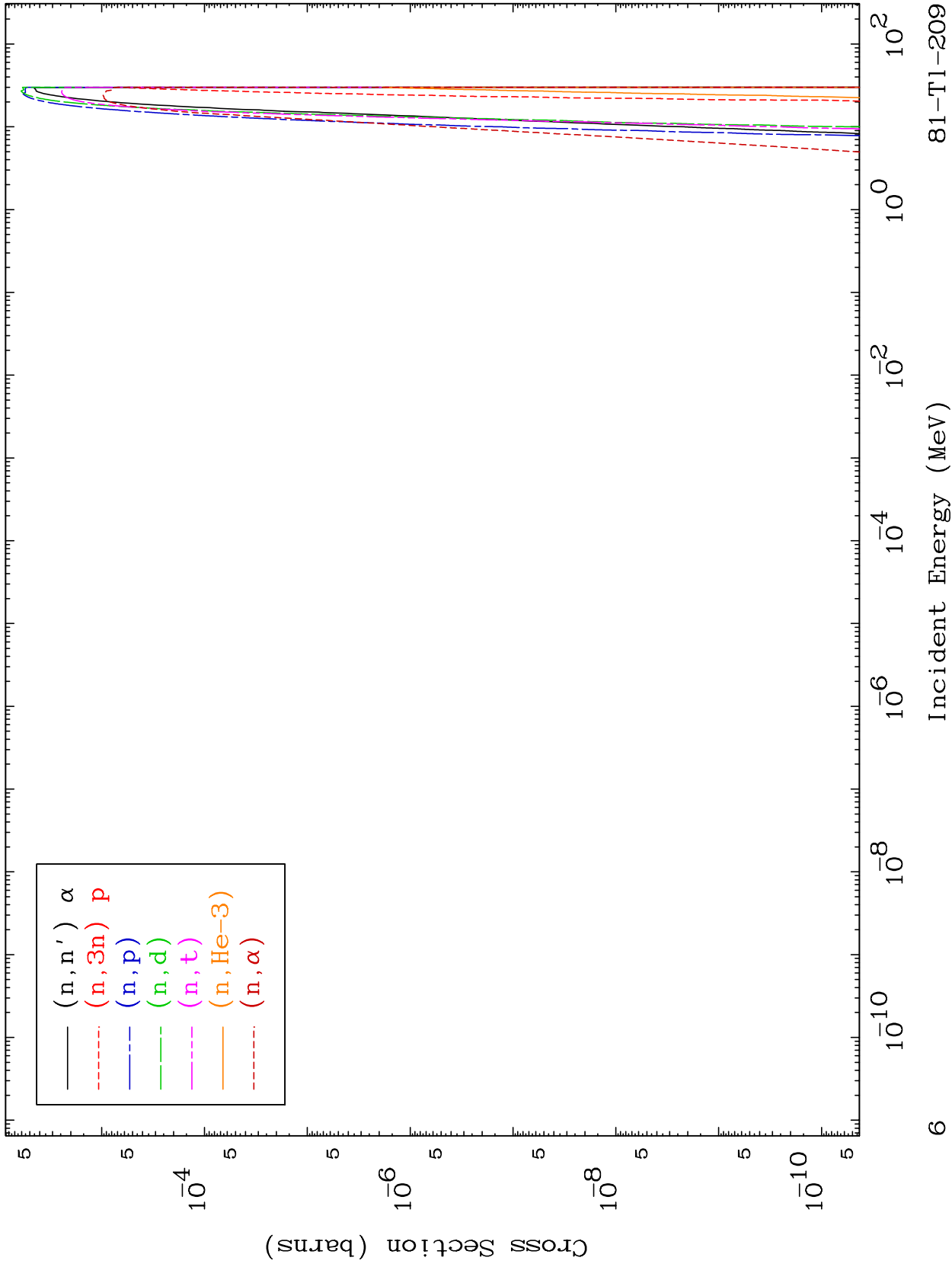
81-Tl-209



MAT 8143

Charged Particle
293 Kelvin Cross Sections

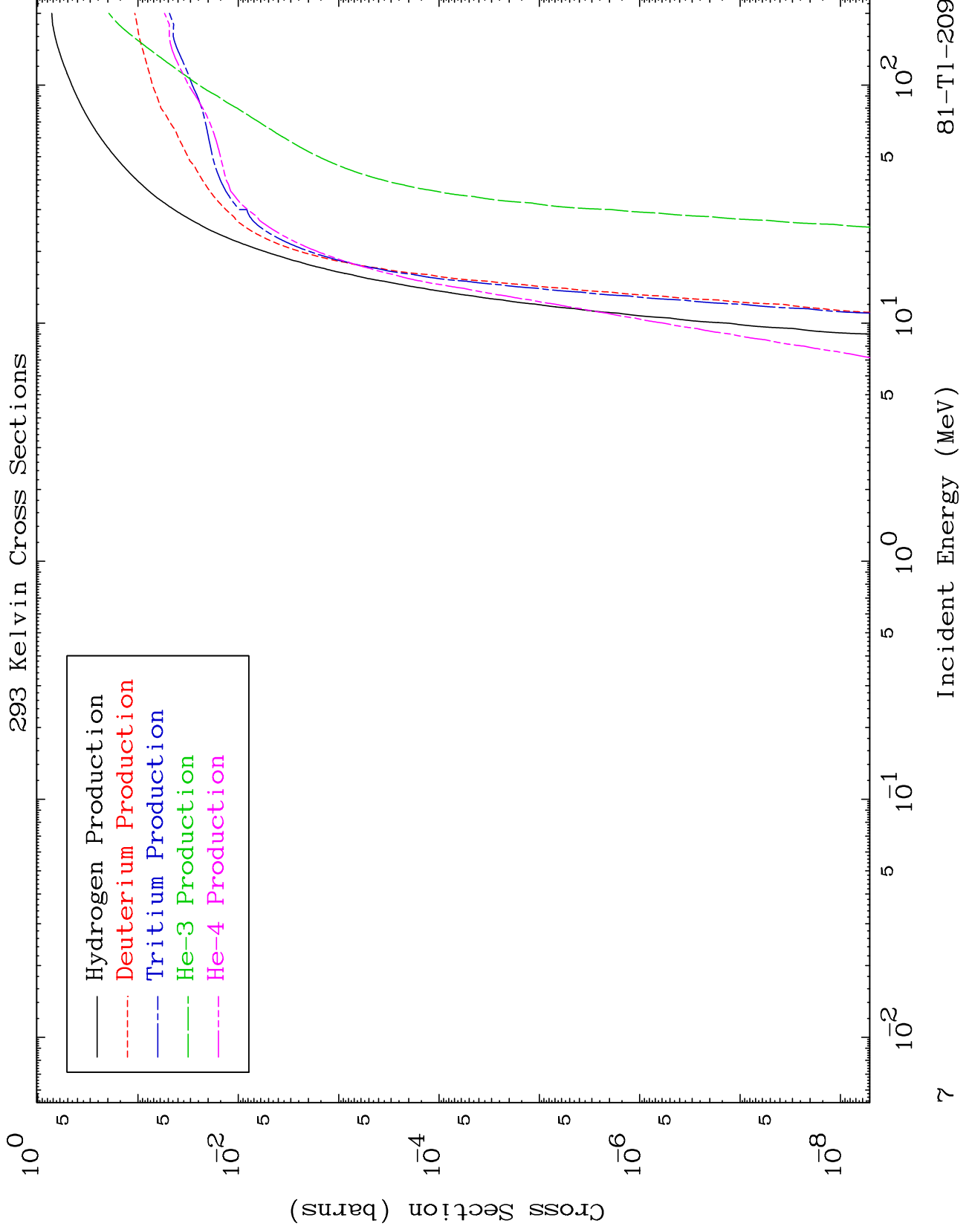
81-Tl-209



MAT 8143

Particle Production
293 Kelvin Cross Sections

81-T1-209

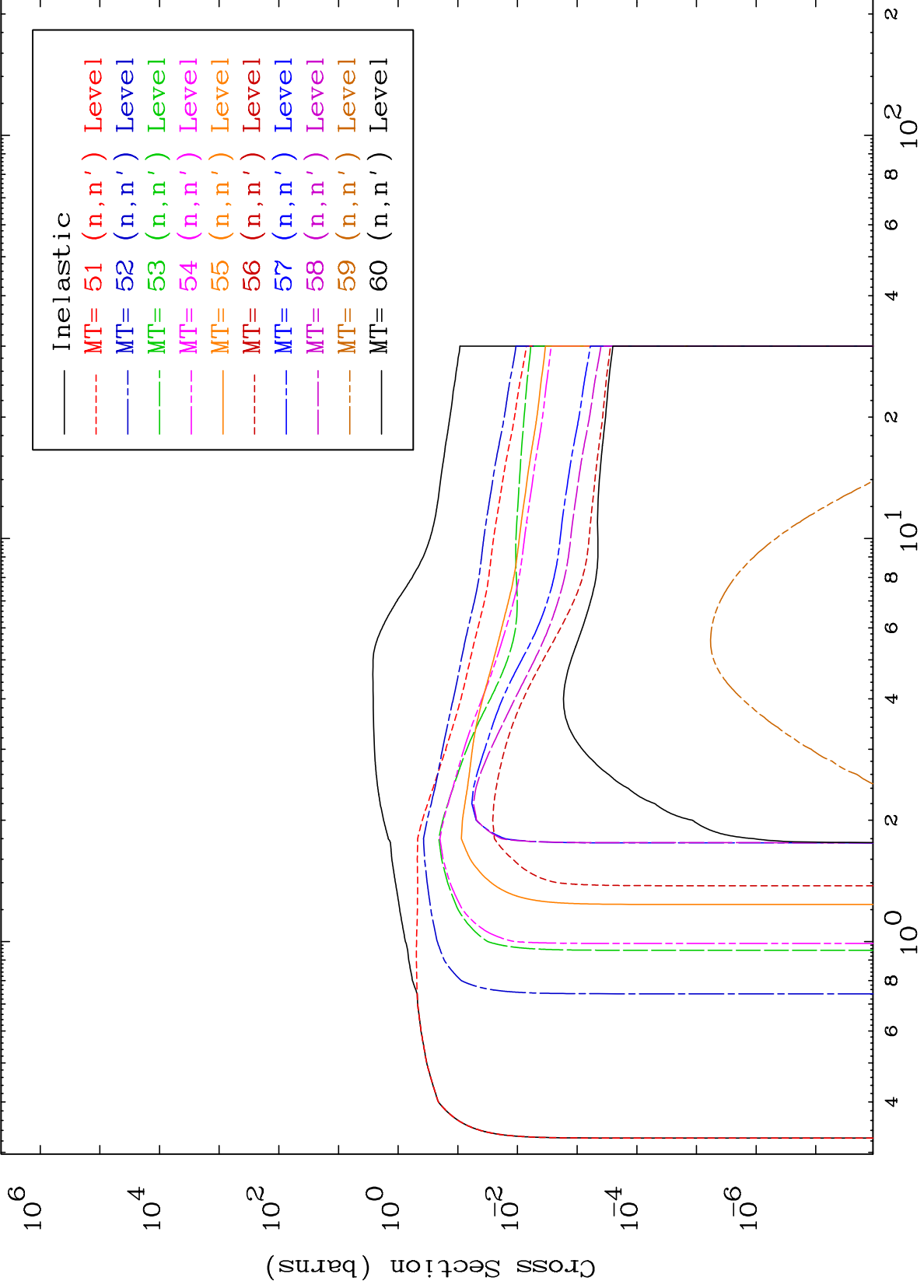


MAT 8143

(n,n') Levels

81-Tl-209

293 Kelvin Cross Sections



8

Incident Energy (MeV)

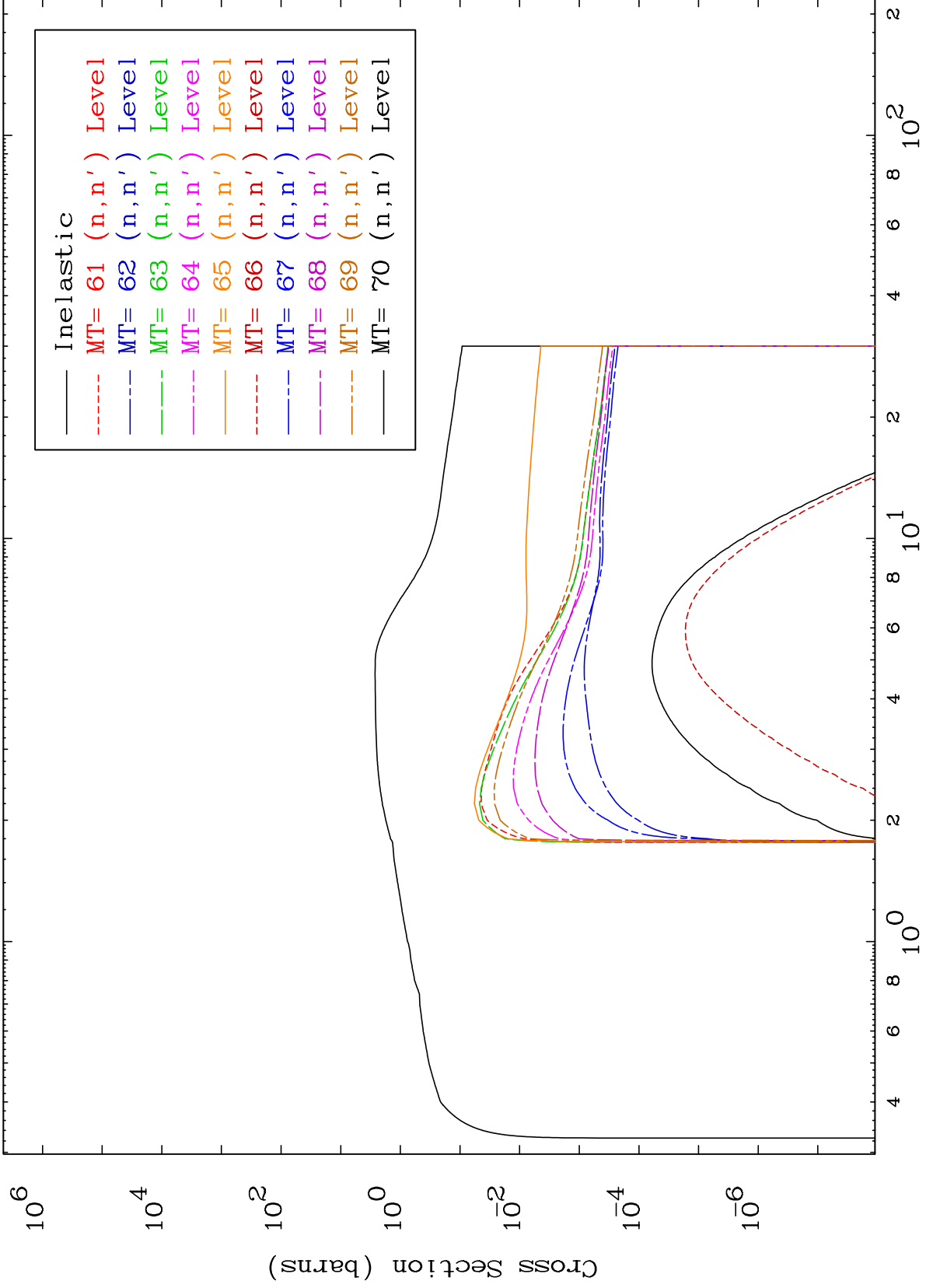
81-Tl-209

MAT 8143

(n,n') Levels

81-Tl-209

293 Kelvin Cross Sections

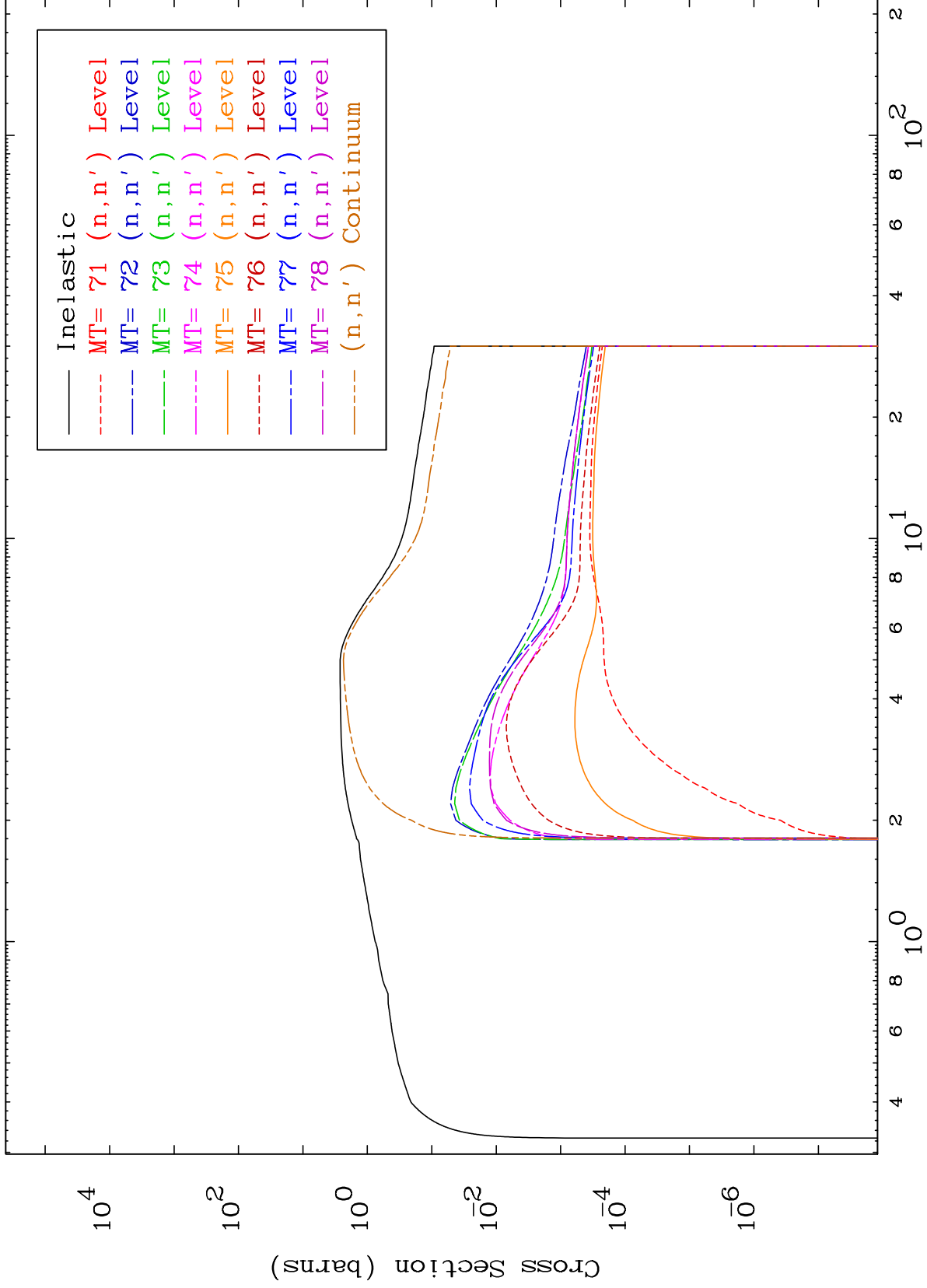


MAT 8143

(n,n') Levels

81-Tl-209

293 Kelvin Cross Sections



10

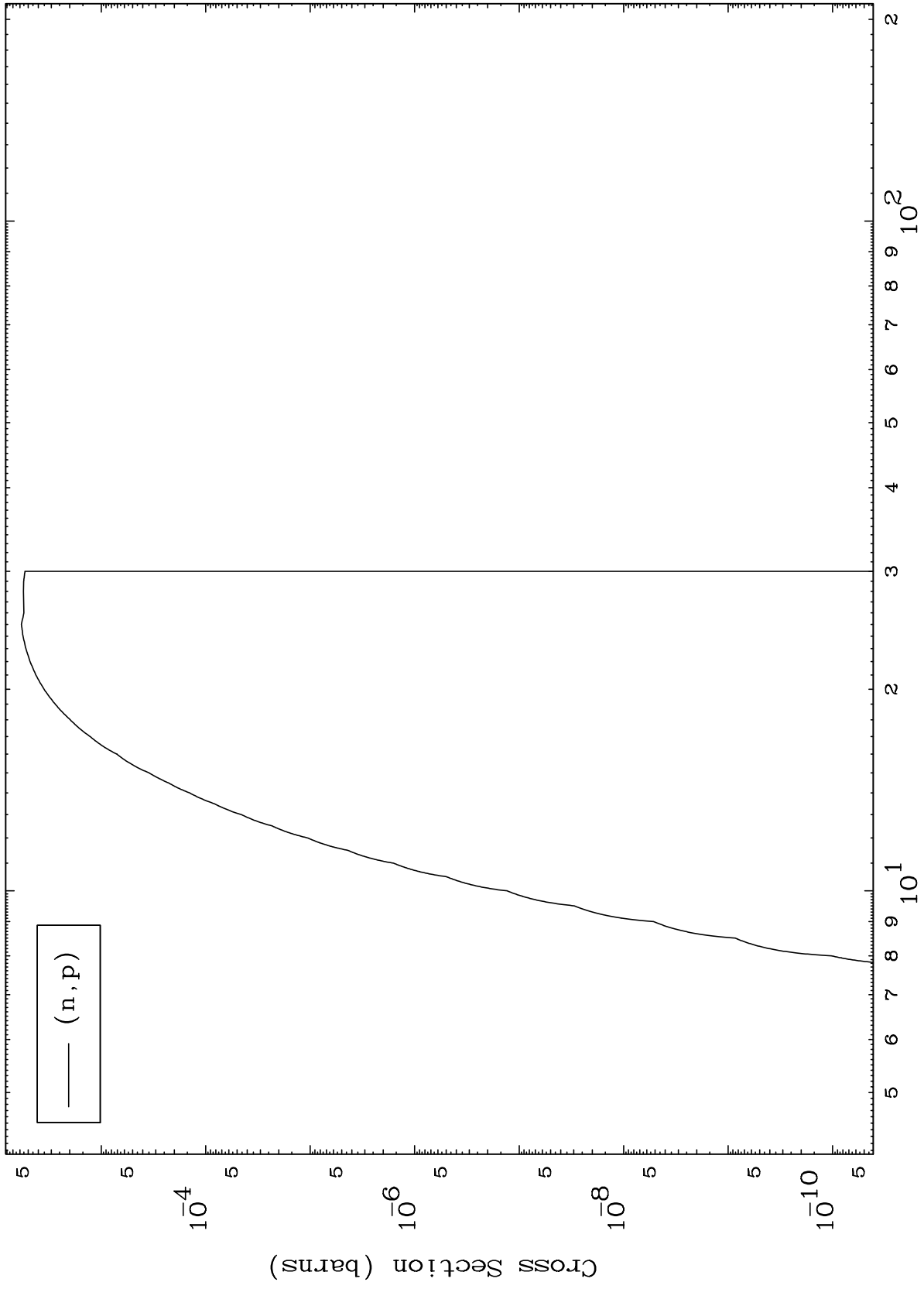
Incident Energy (MeV)

81-Tl-209

MAT 8143

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-209



11

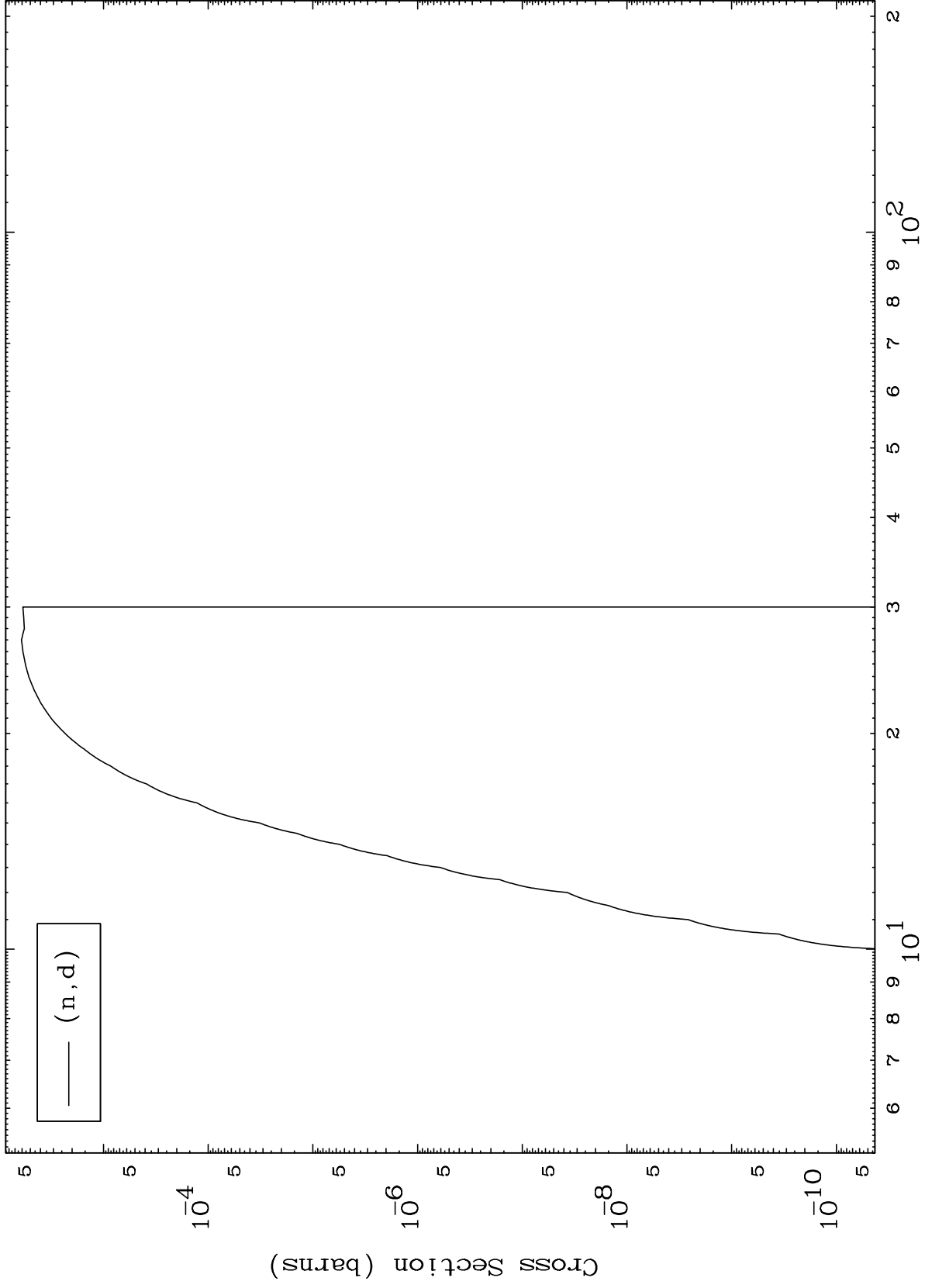
Incident Energy (MeV)

81-Tl-209

MAT 8143

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-209



12

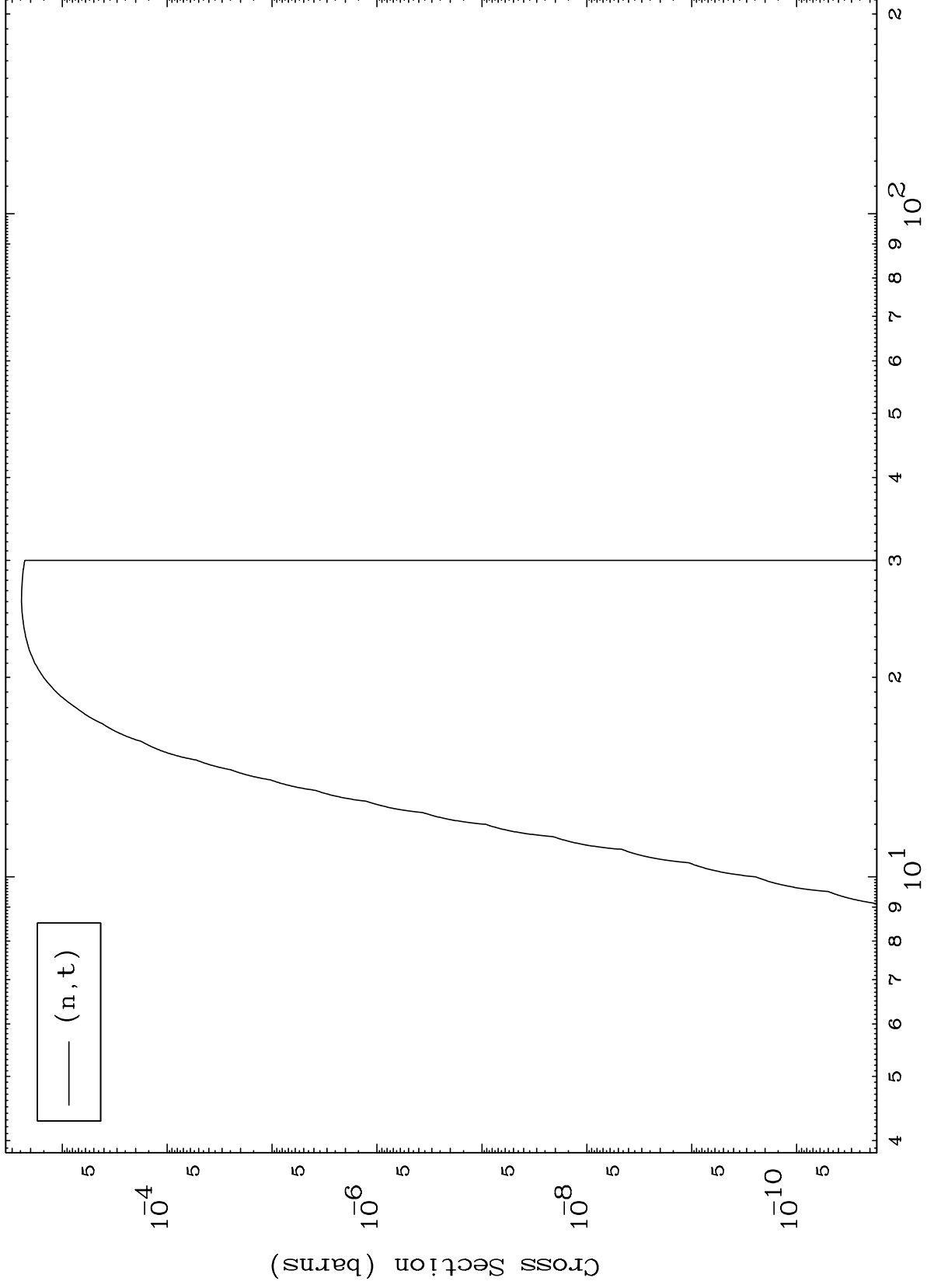
Incident Energy (MeV)

81-Tl-209

MAT 8143

(n,t) Levels
293 Kelvin Cross Sections

81-T1-209



(n,t)

13

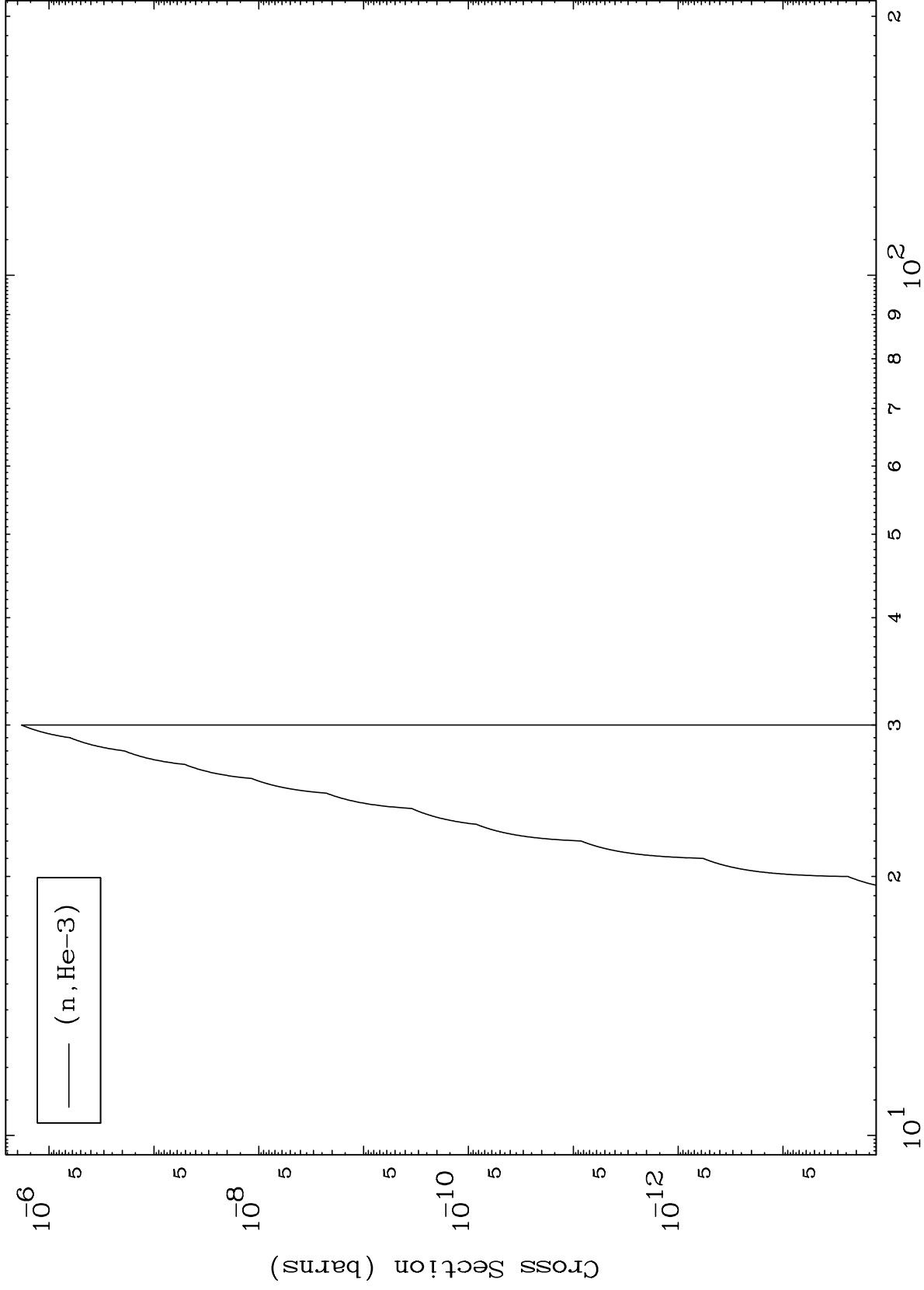
Incident Energy (MeV)

81-T1-209

MAT 8143

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-209



Incident Energy (MeV)

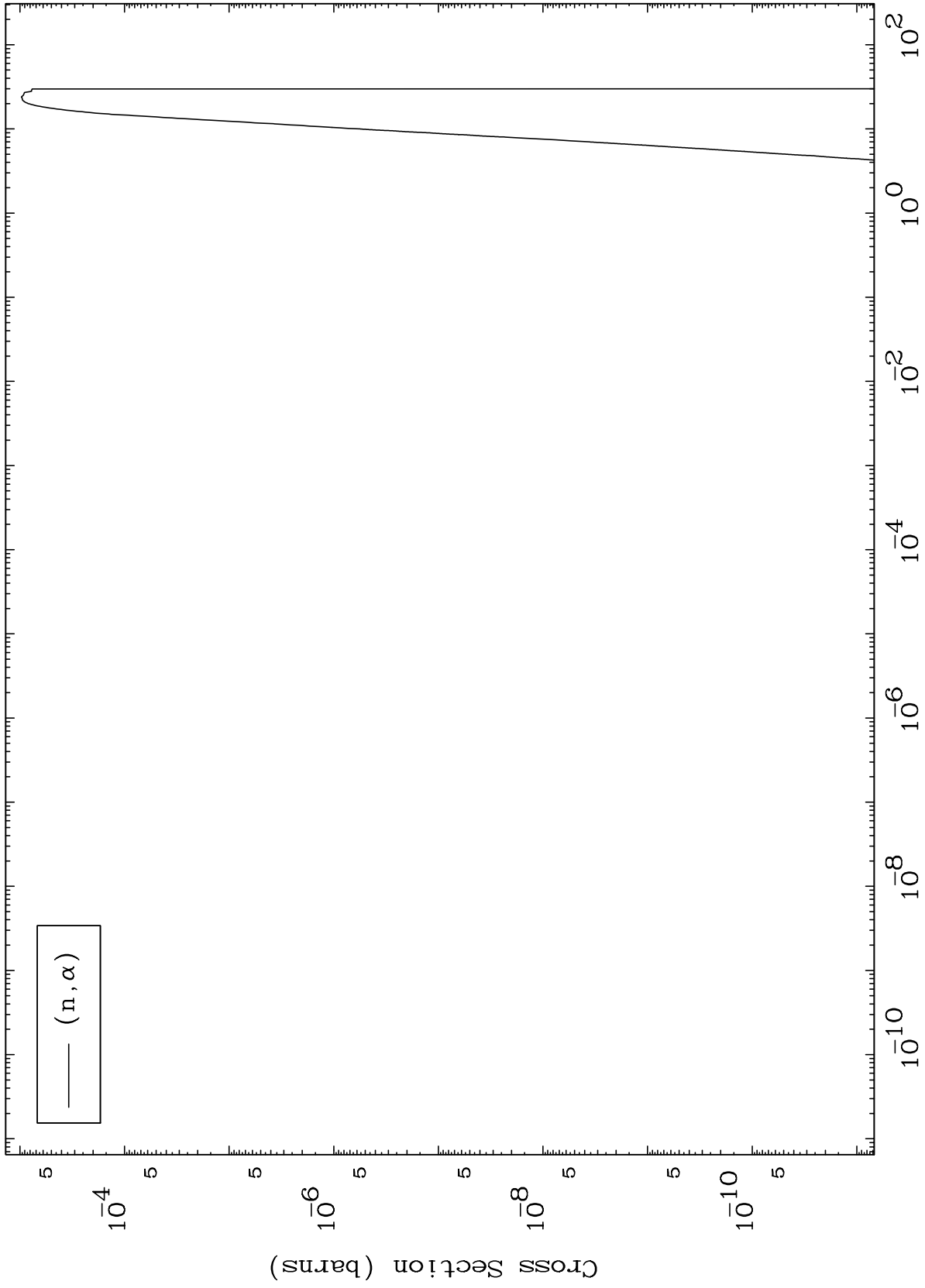
81-T1-209

14

MAT 8143

(n, α) Levels
293 Kelvin Cross Sections

81-Tl-209



15

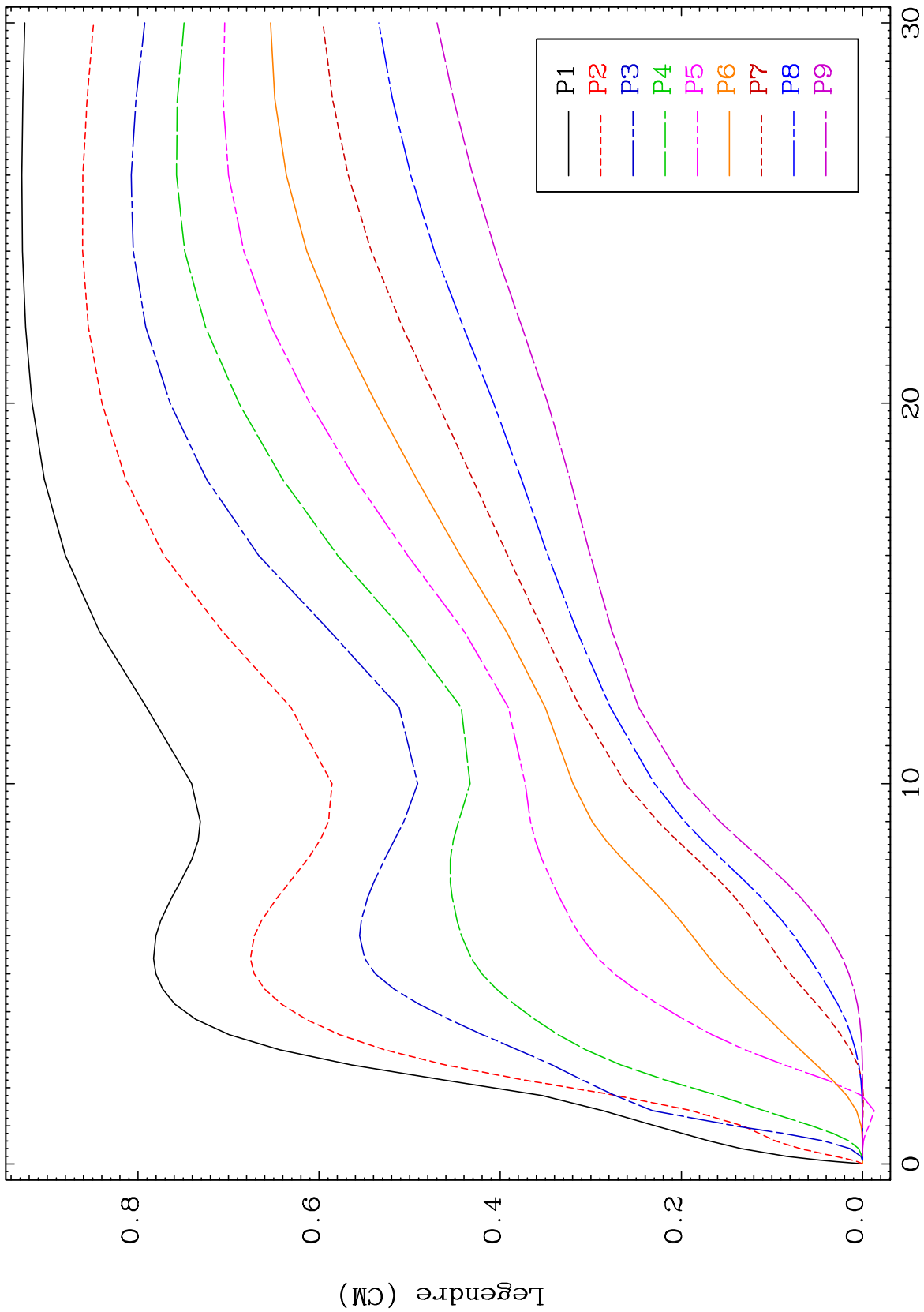
Incident Energy (MeV)

81-Tl-209

MAT 8143

81-T1-209

Elastic Legendre Coefficients



81-T1-209

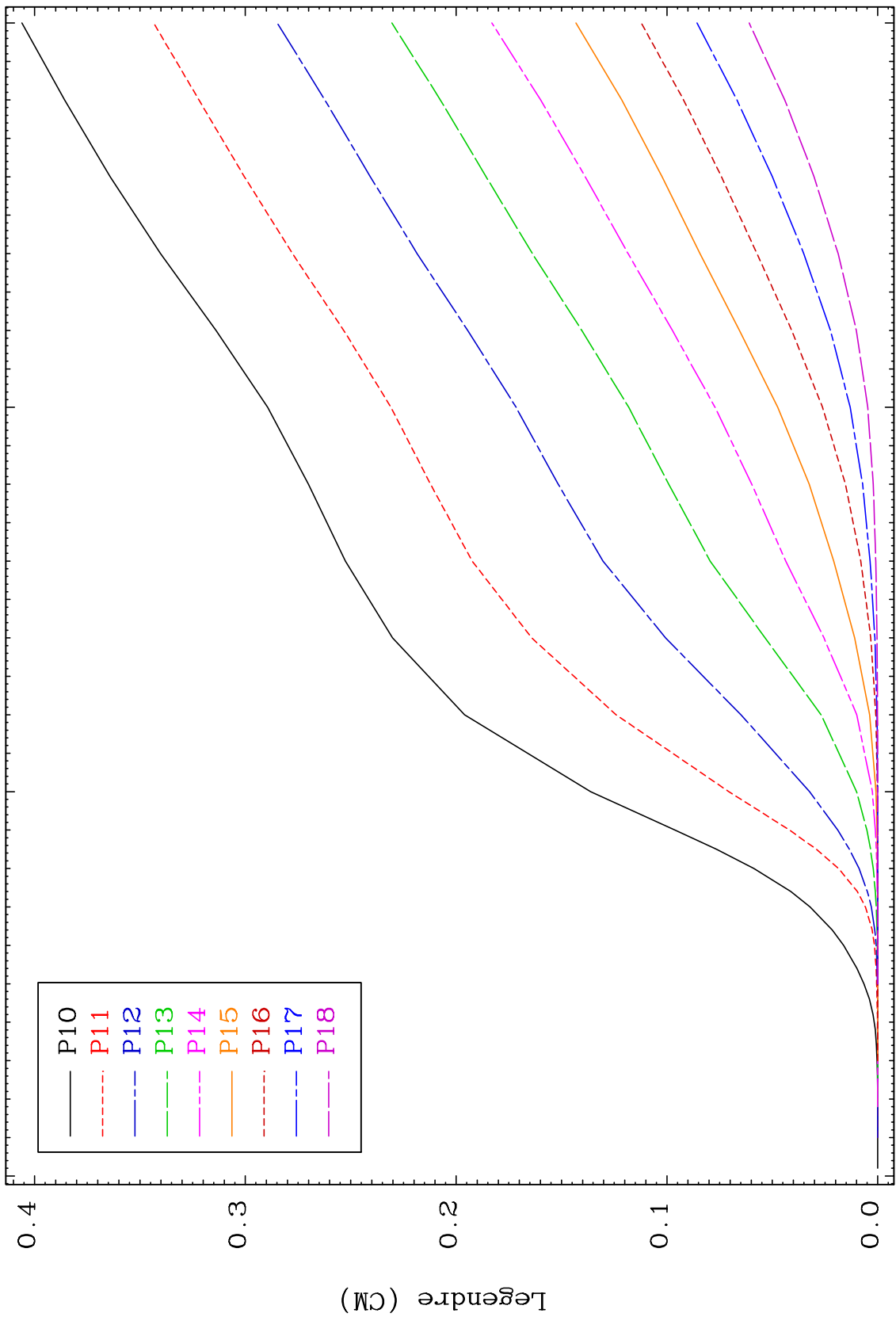
Incident Energy (MeV)

16

MAT 8143

Elastic Legendre Coefficients

81-T1-209



17

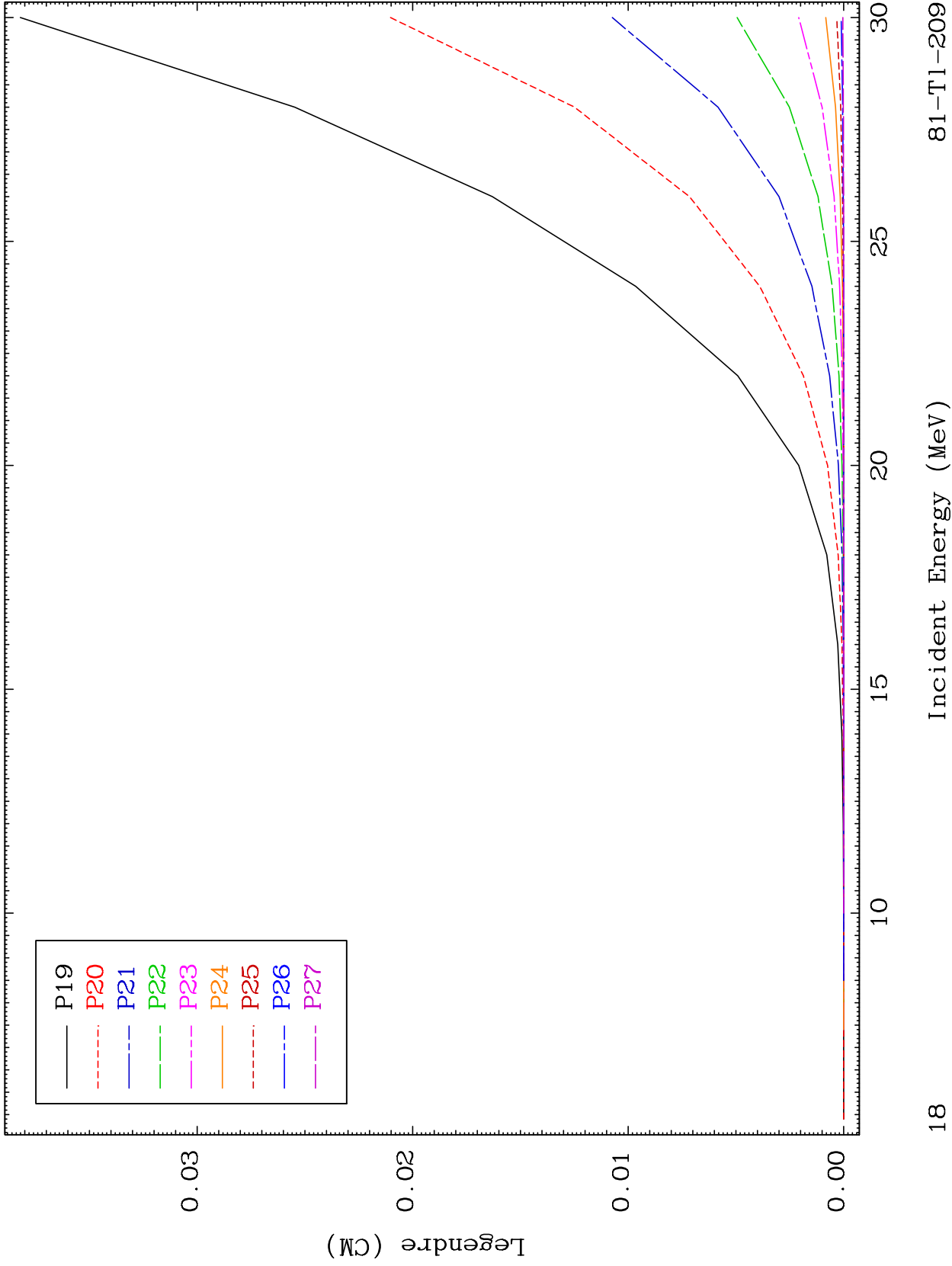
Incident Energy (MeV)

81-T1-209

MAT 8143

Elastic Legendre Coefficients

81-T1-209



18

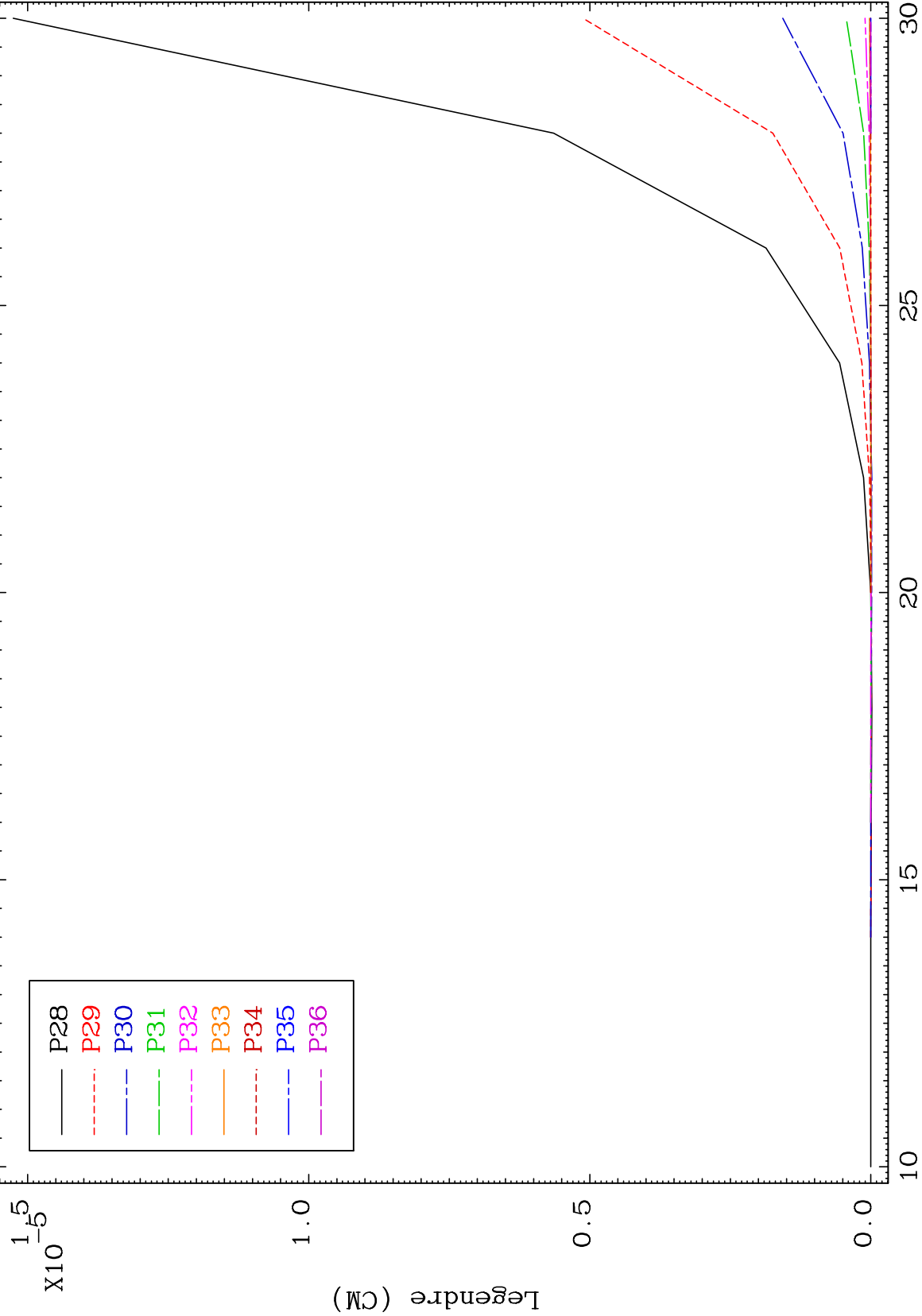
Incident Energy (MeV)

81-T1-209

MAT 8143

Elastic Legendre Coefficients

81-T1-209



19

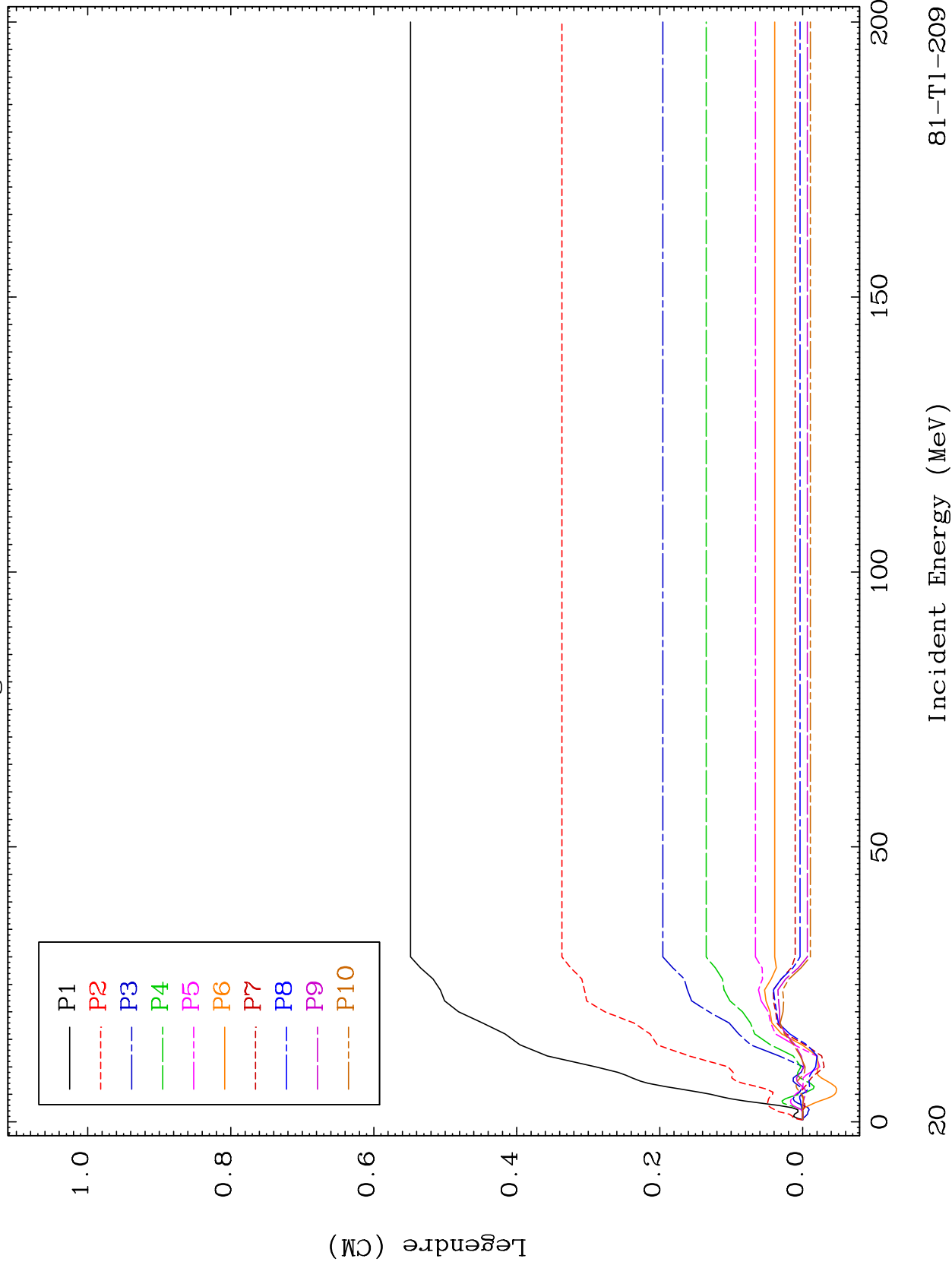
Incident Energy (MeV)

81-T1-209

MAT 8143

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

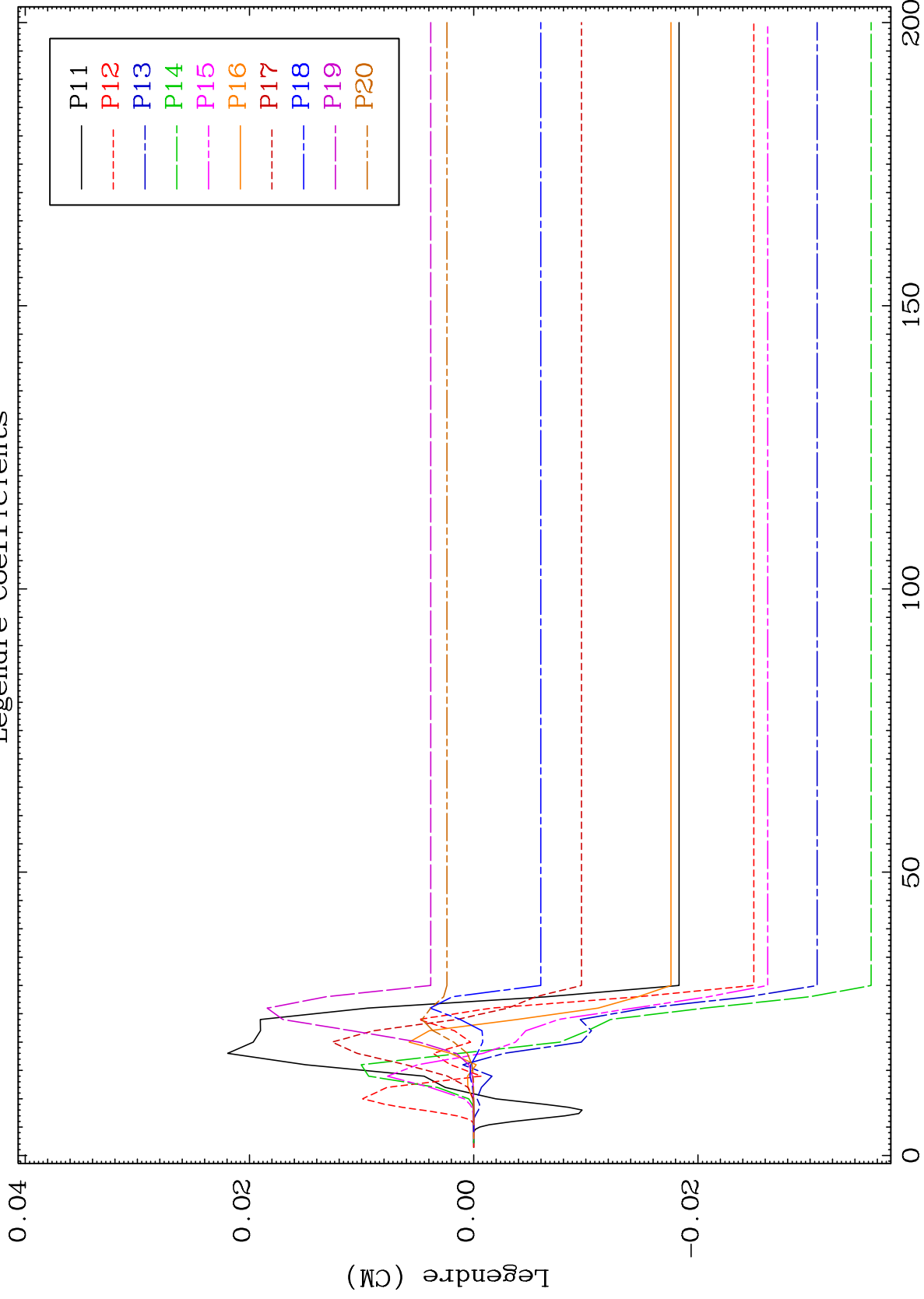
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MAT 8143

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

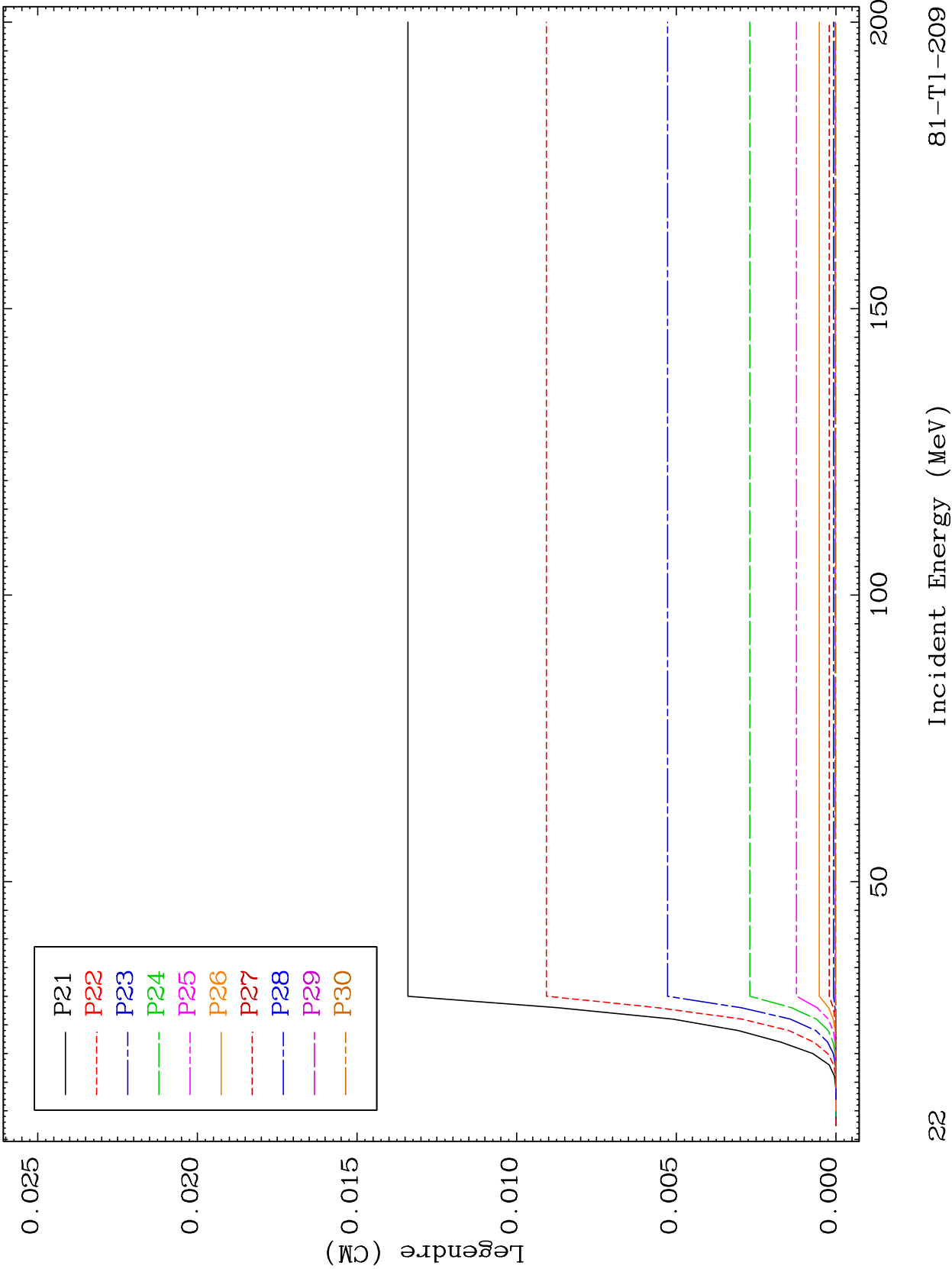
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21

Incident Energy (MeV)

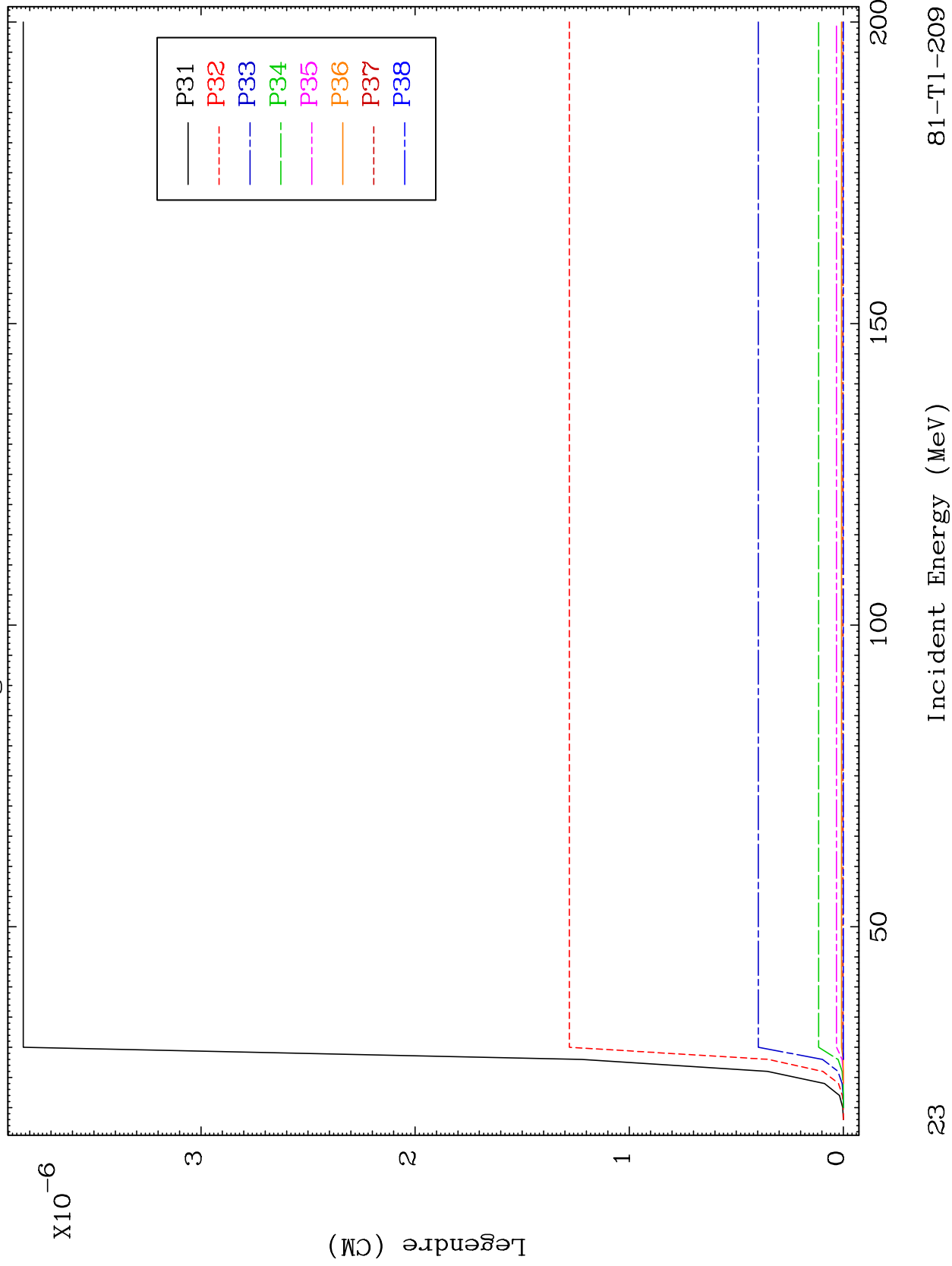
81-T1-209



MAT 8143

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

81-Tl-209

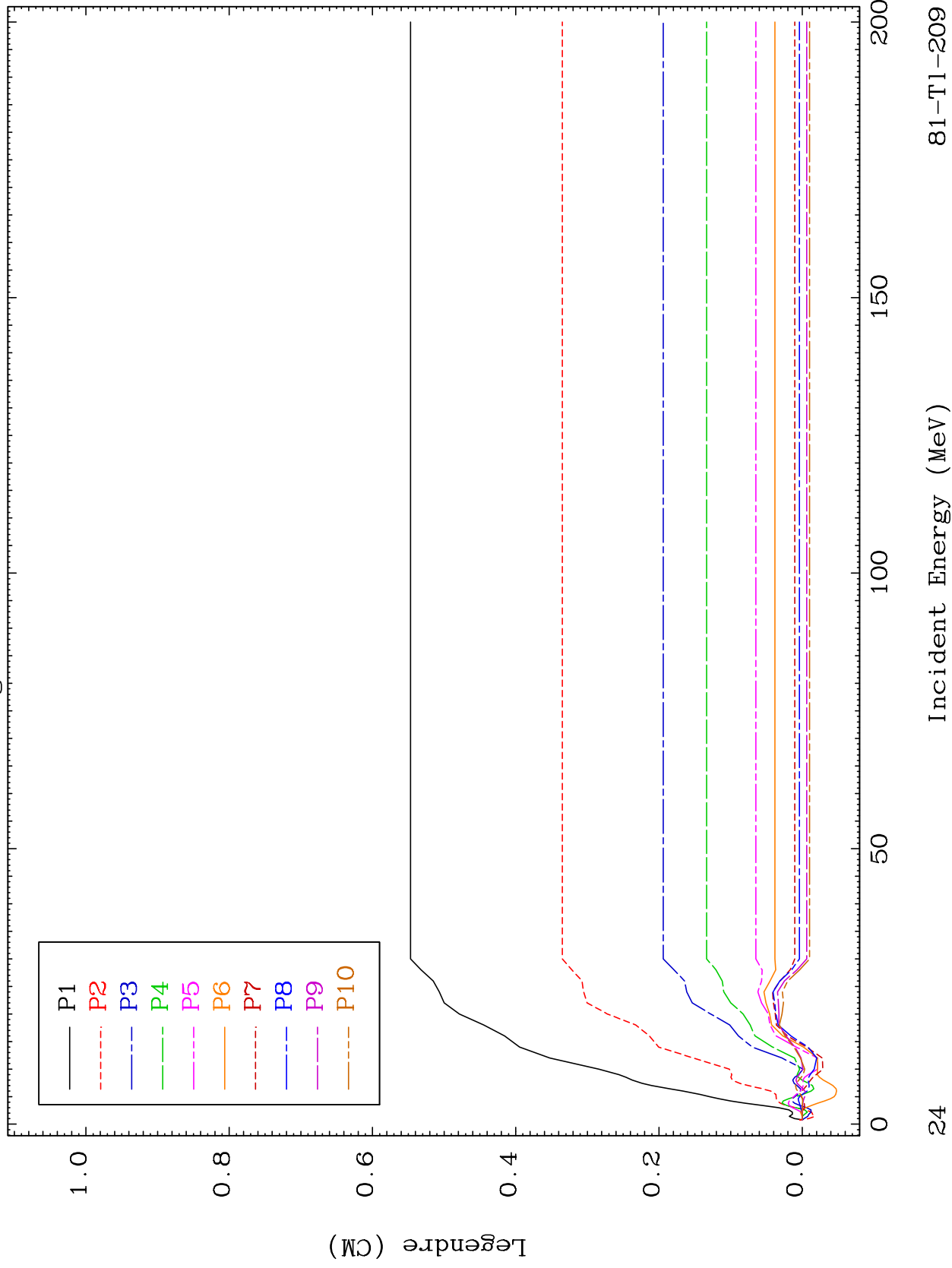


23

MAT 8143

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

81-T1-209

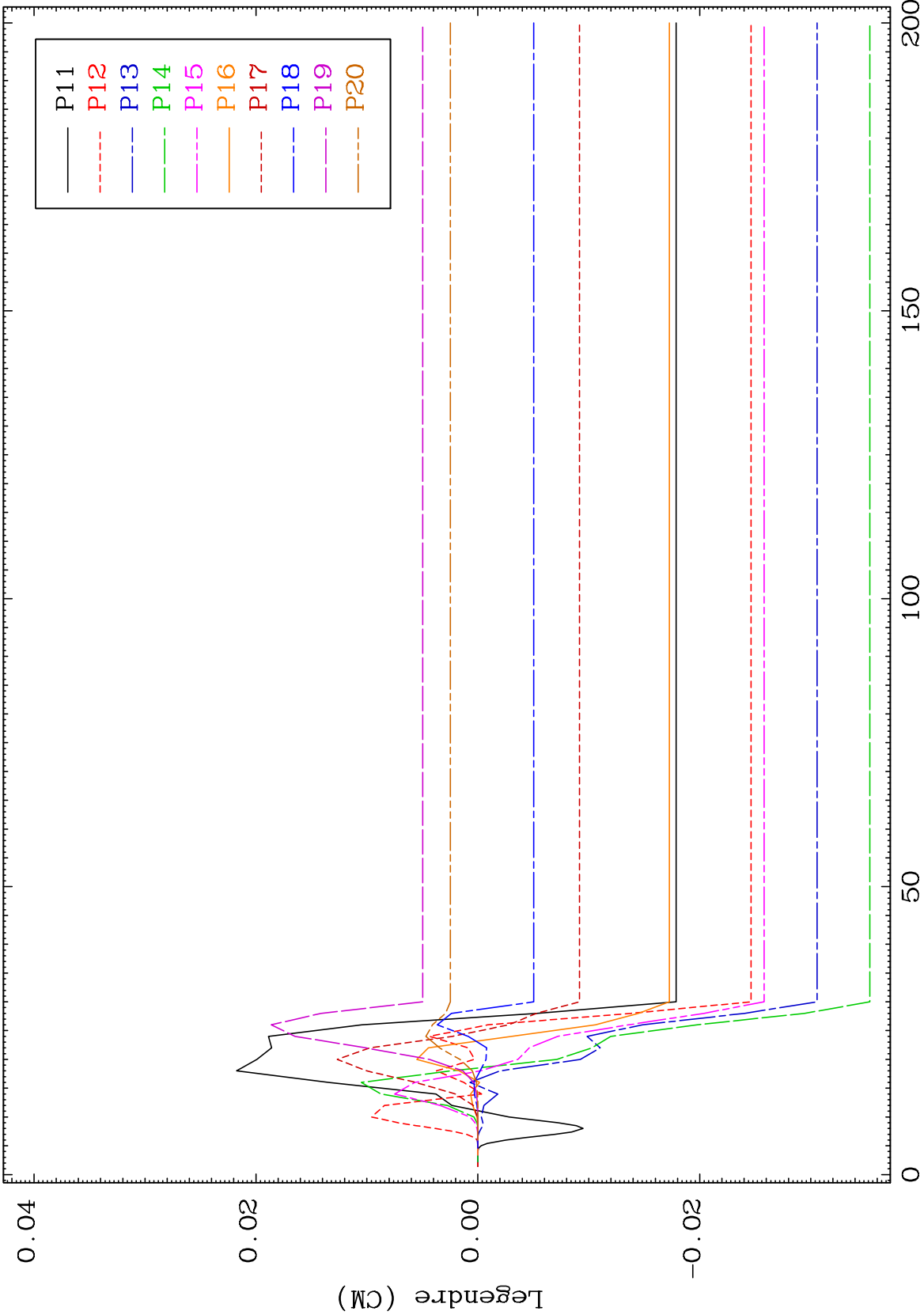


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MAT 8143

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

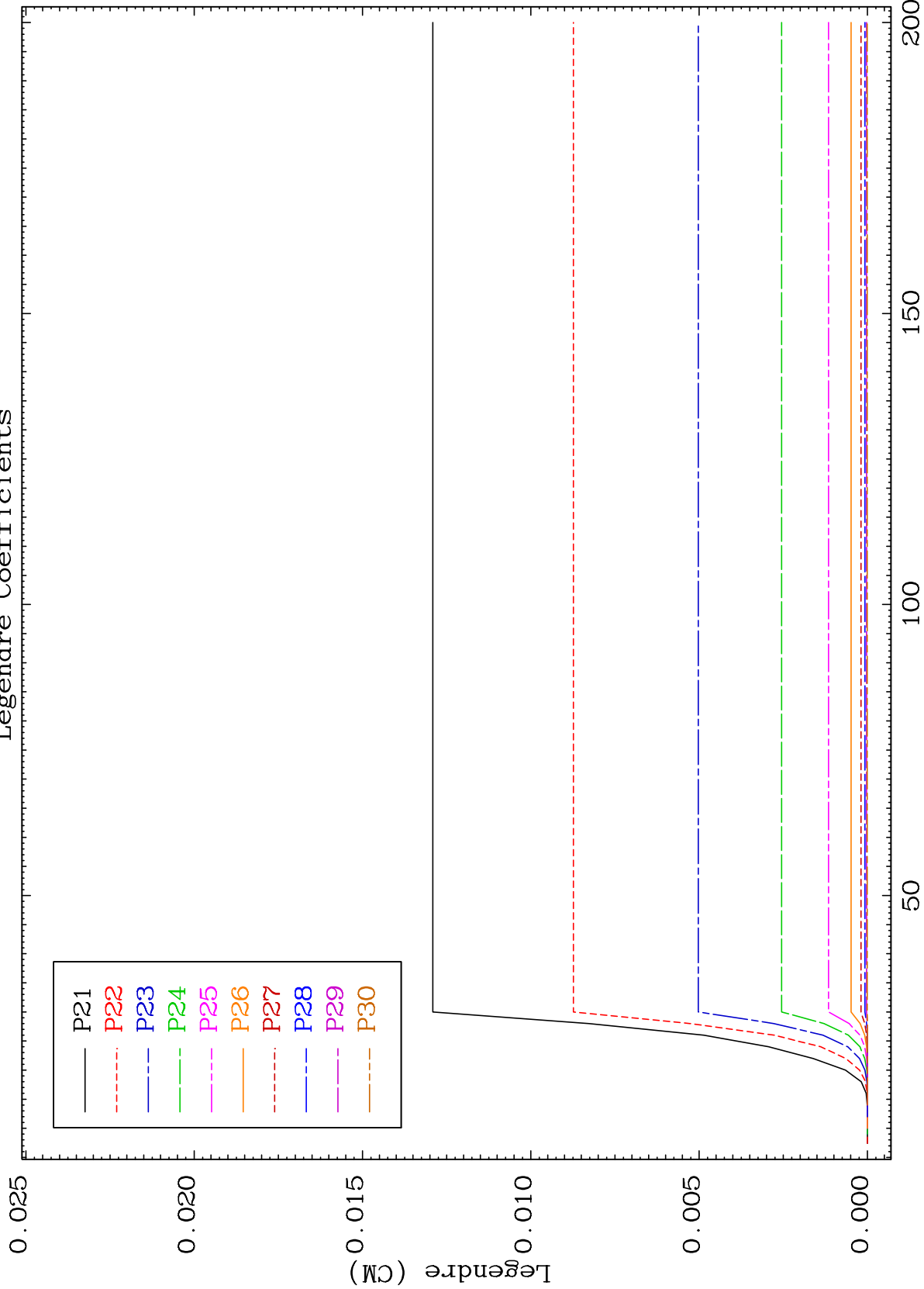
81-T1-209



81-T1-209

Incident Energy (MeV)

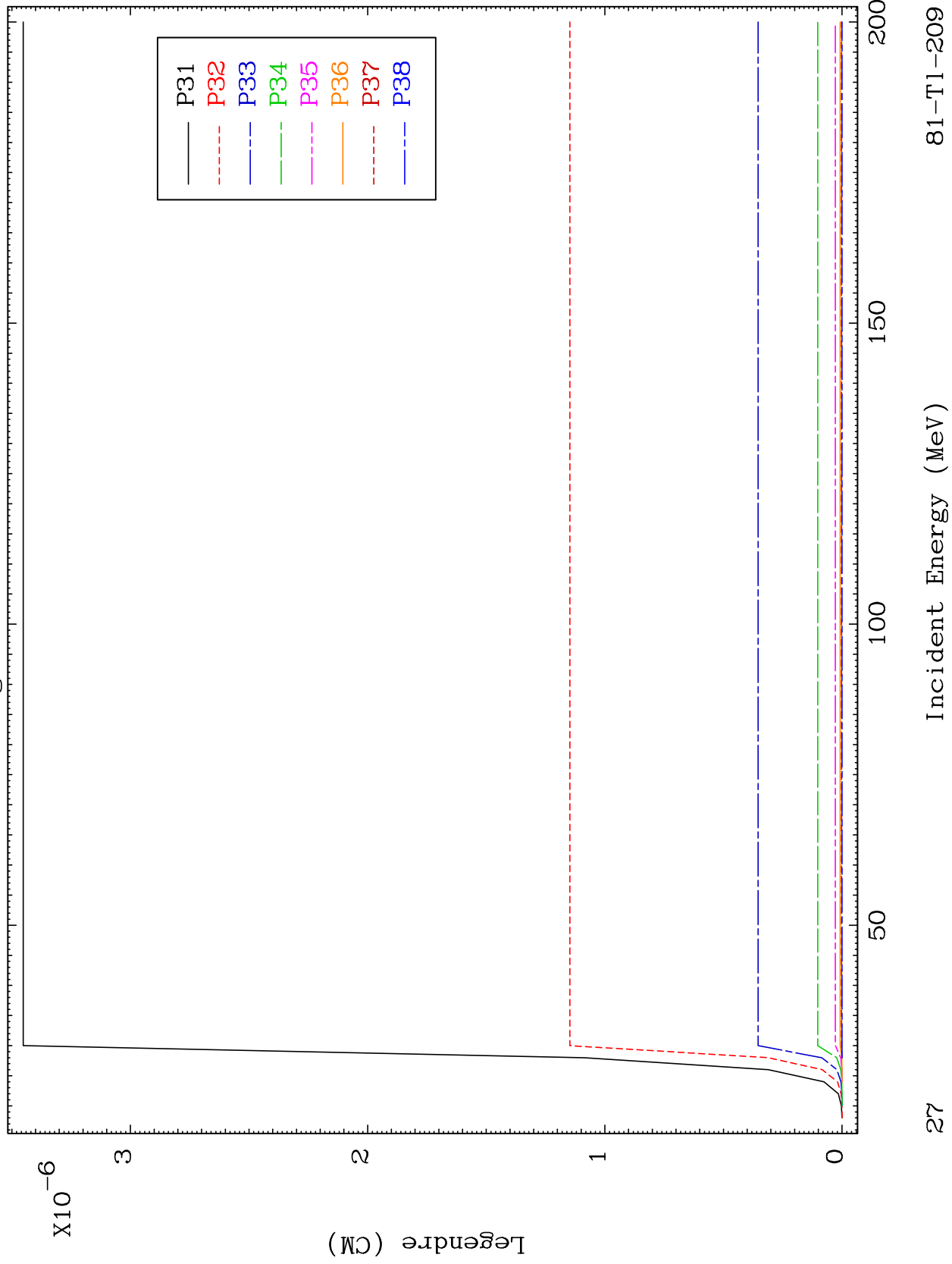
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MAT 8143

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

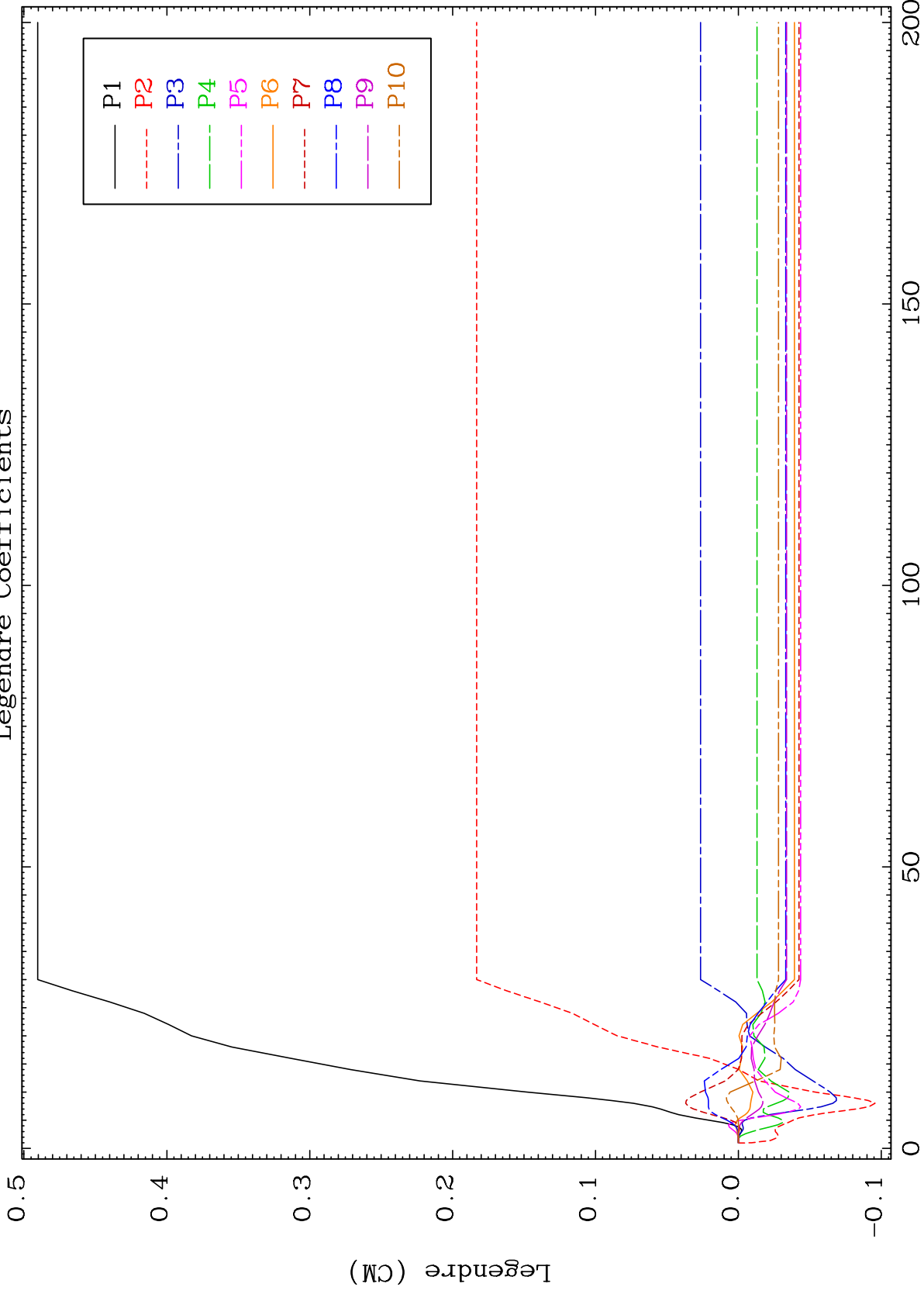
81-T1-209



MAT 8143

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

81-T1-209



28

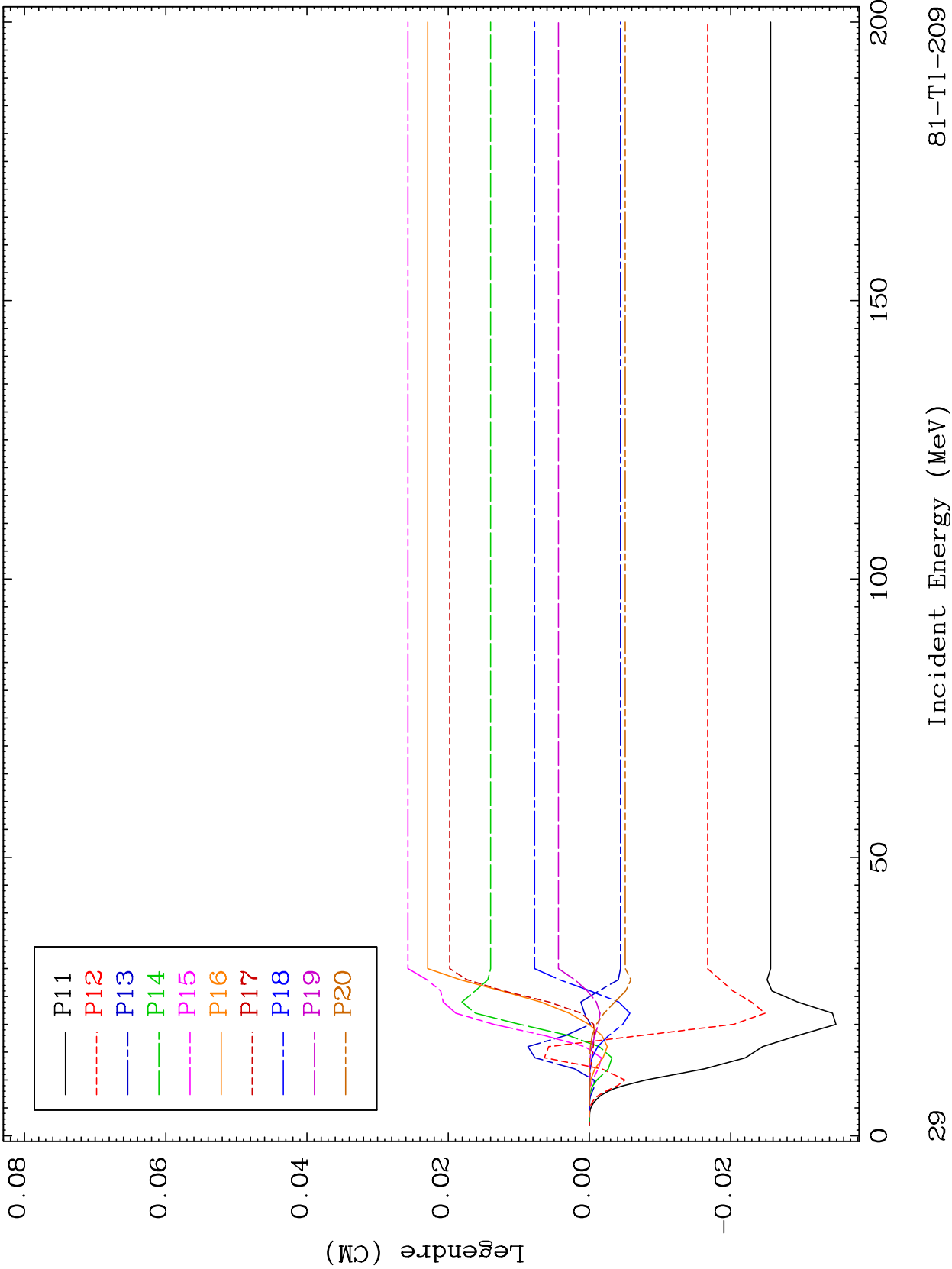
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



29

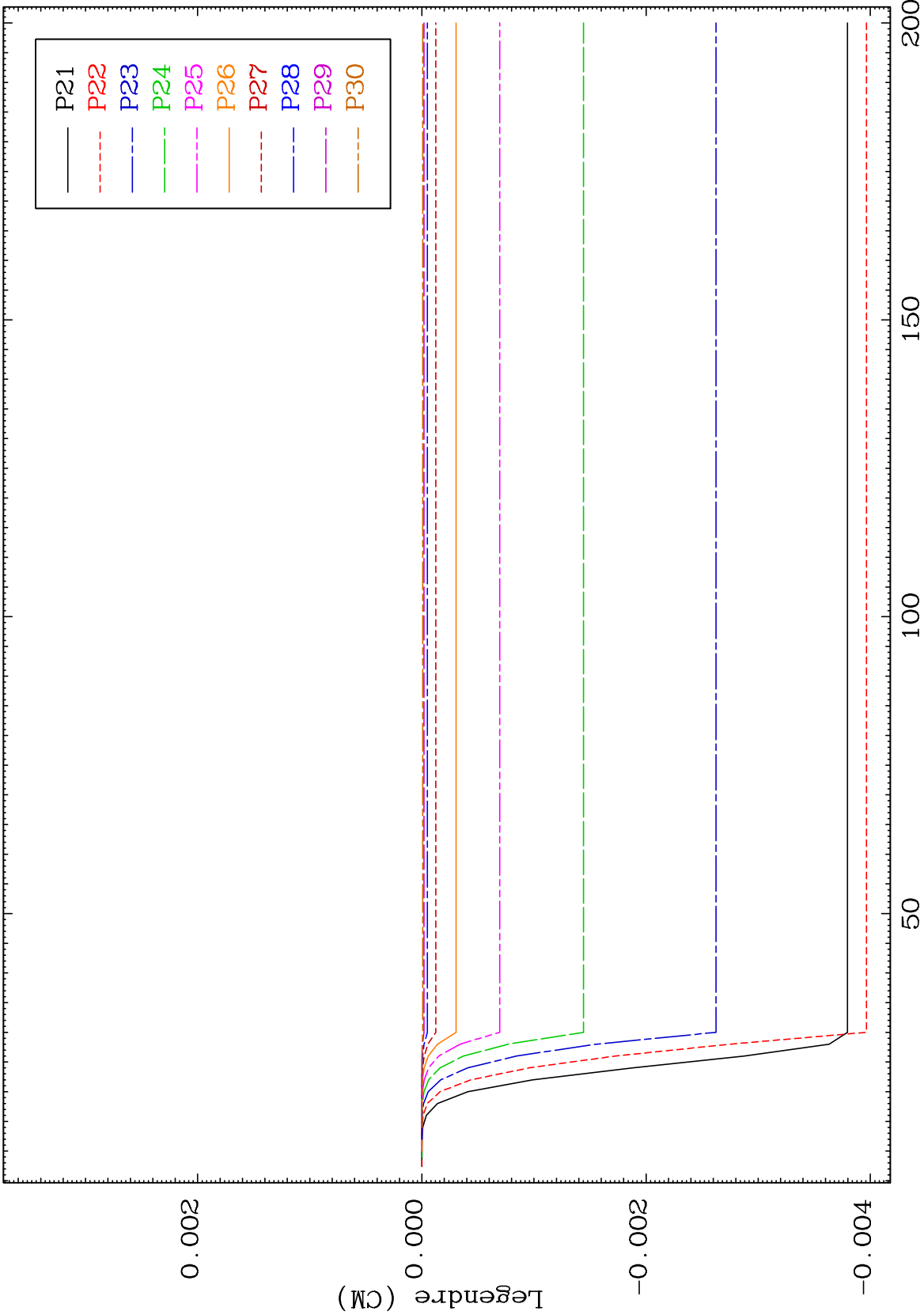
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-Tl-209



30

Incident Energy (MeV)

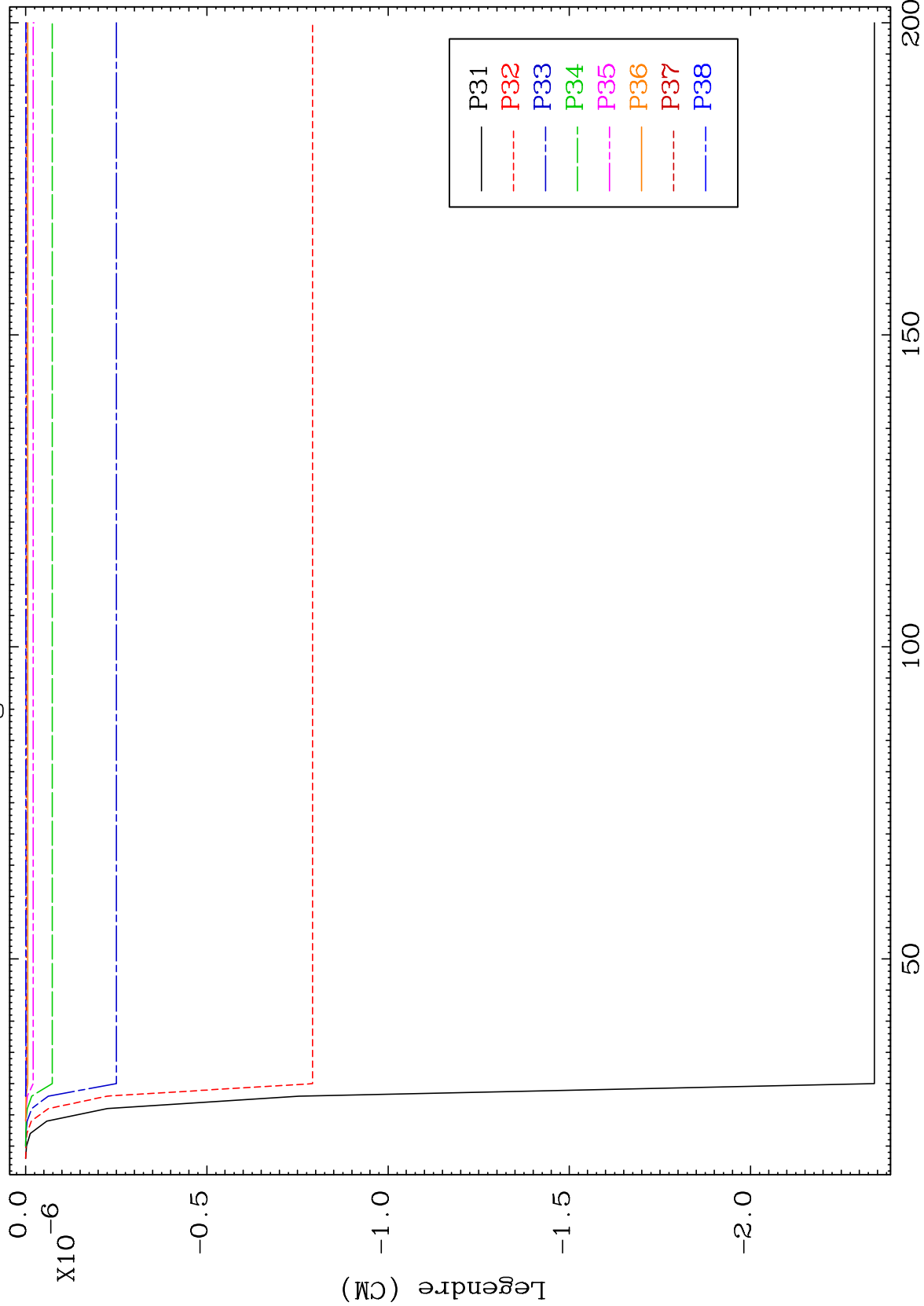
81-Tl-209

MAT 8143

MT= 53 (n,n') Level

81-Tl-209

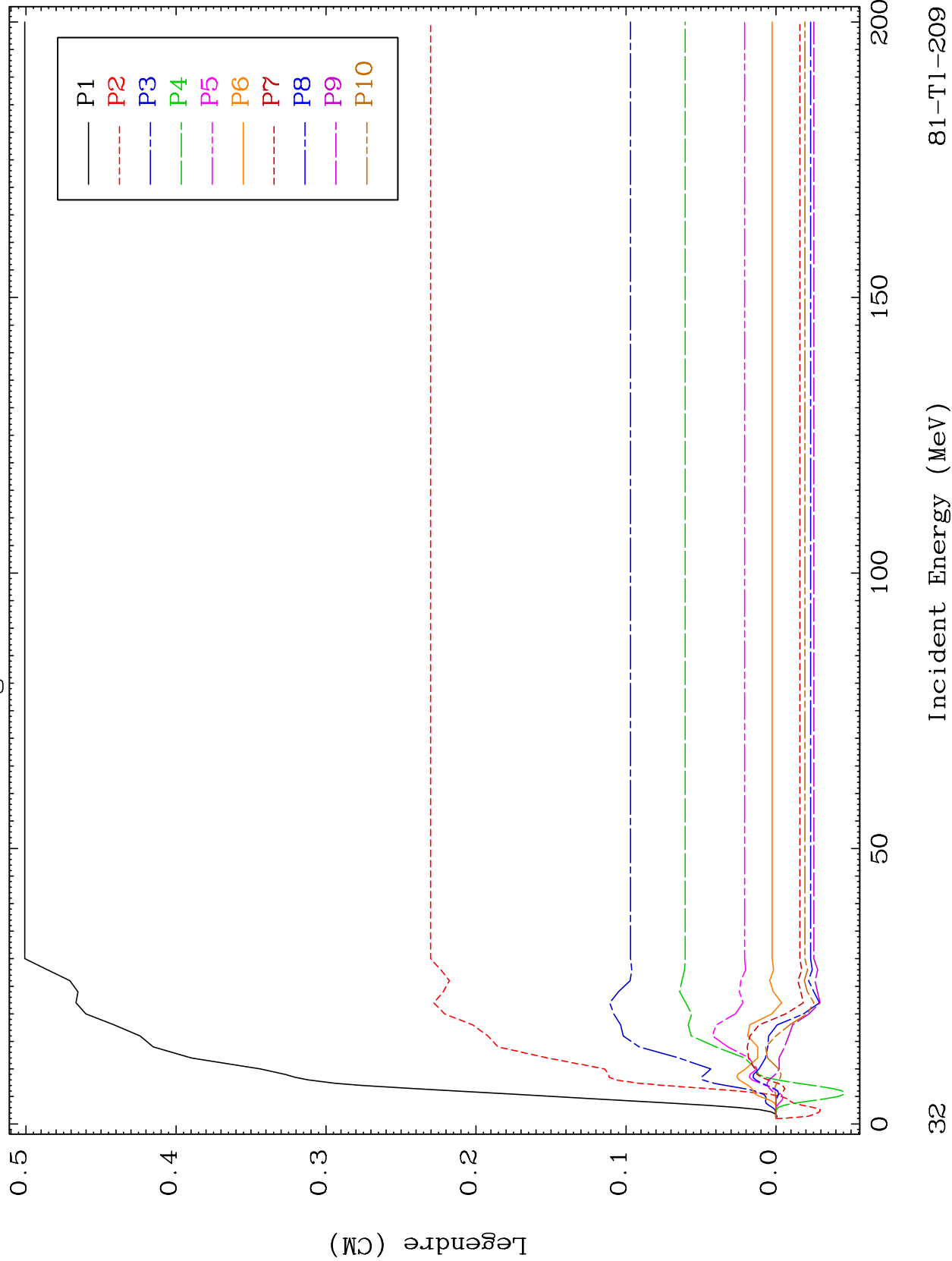
Legendre Coefficients

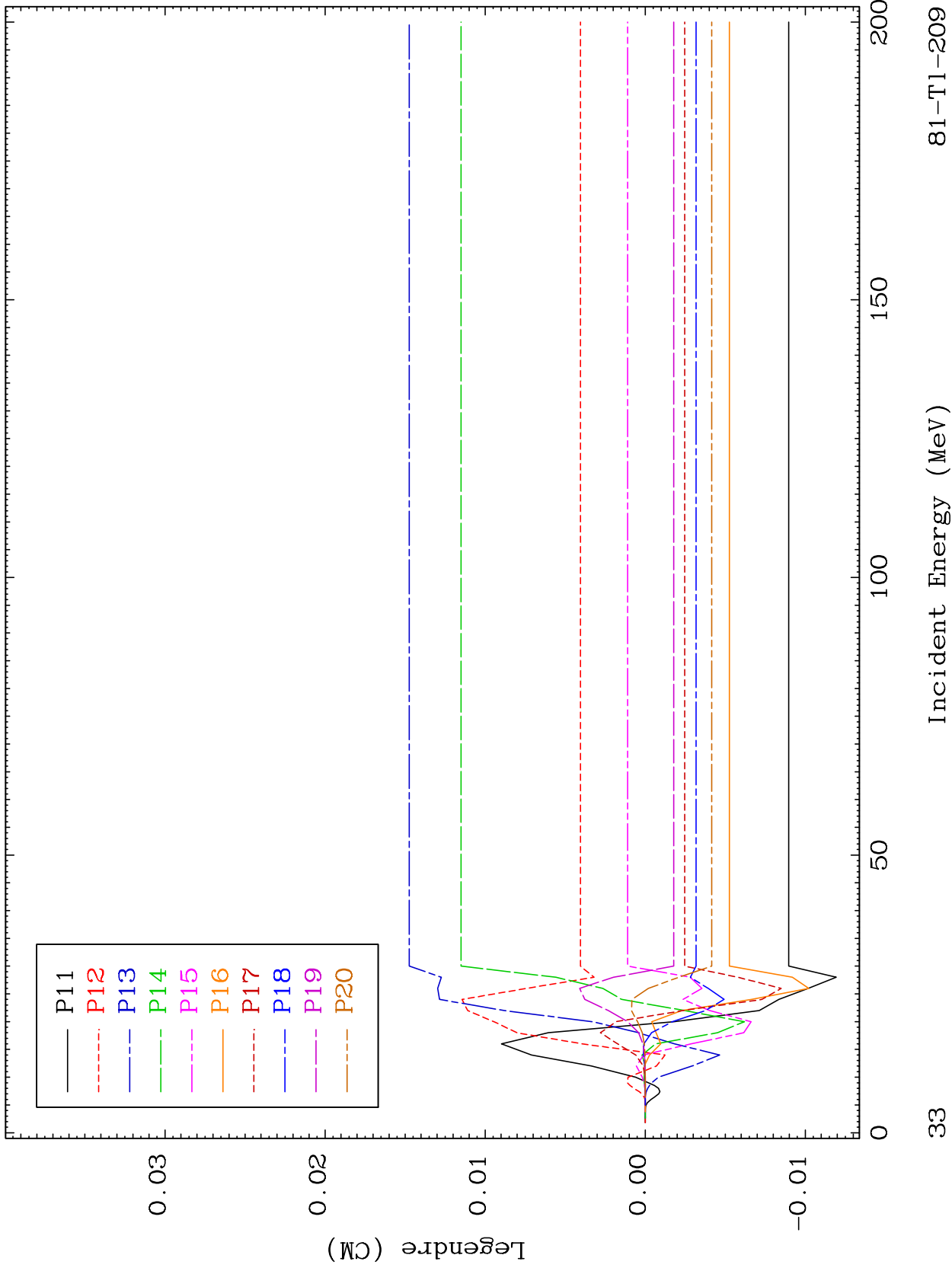


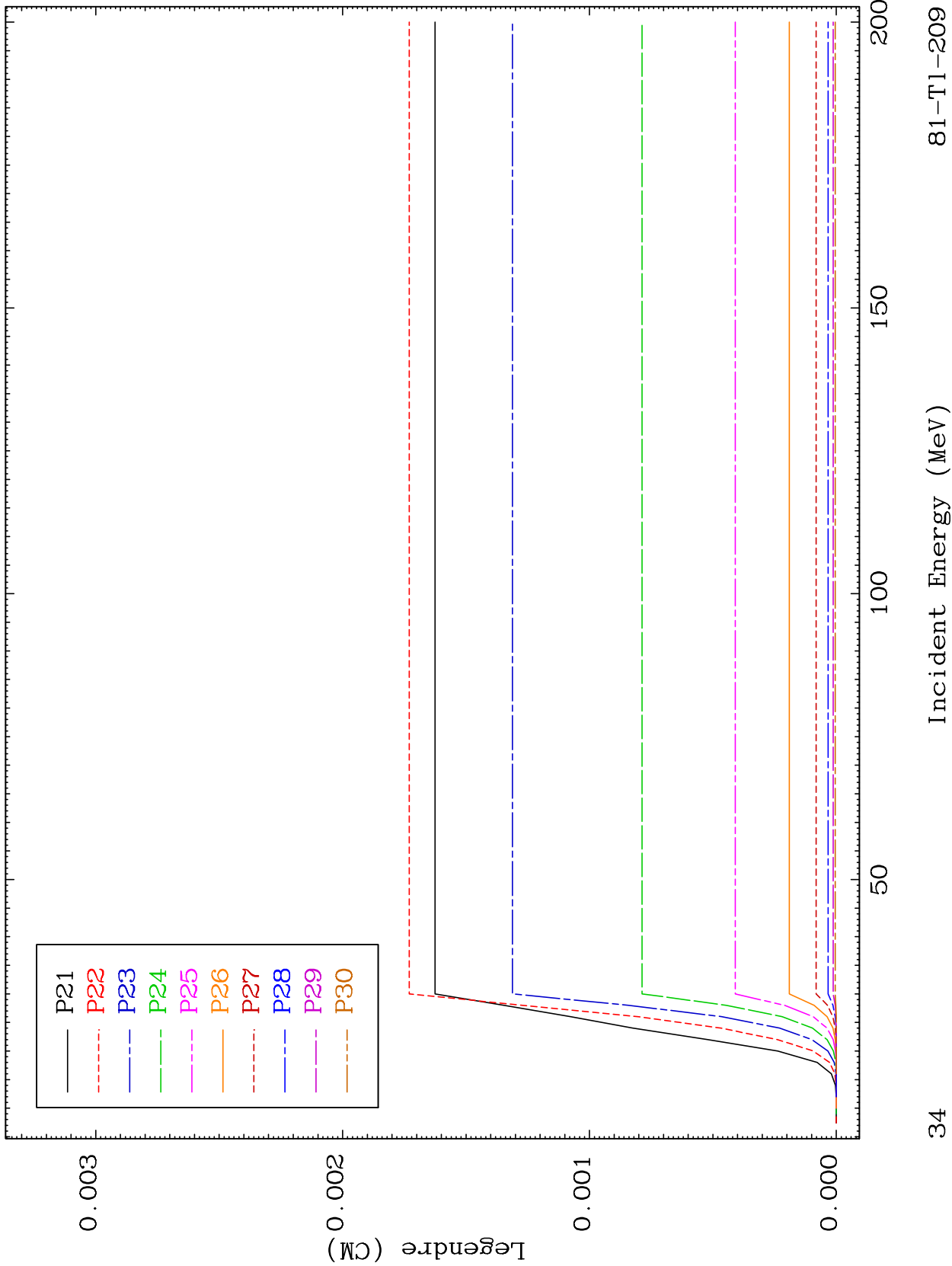
MAT 8143

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

81-T1-209



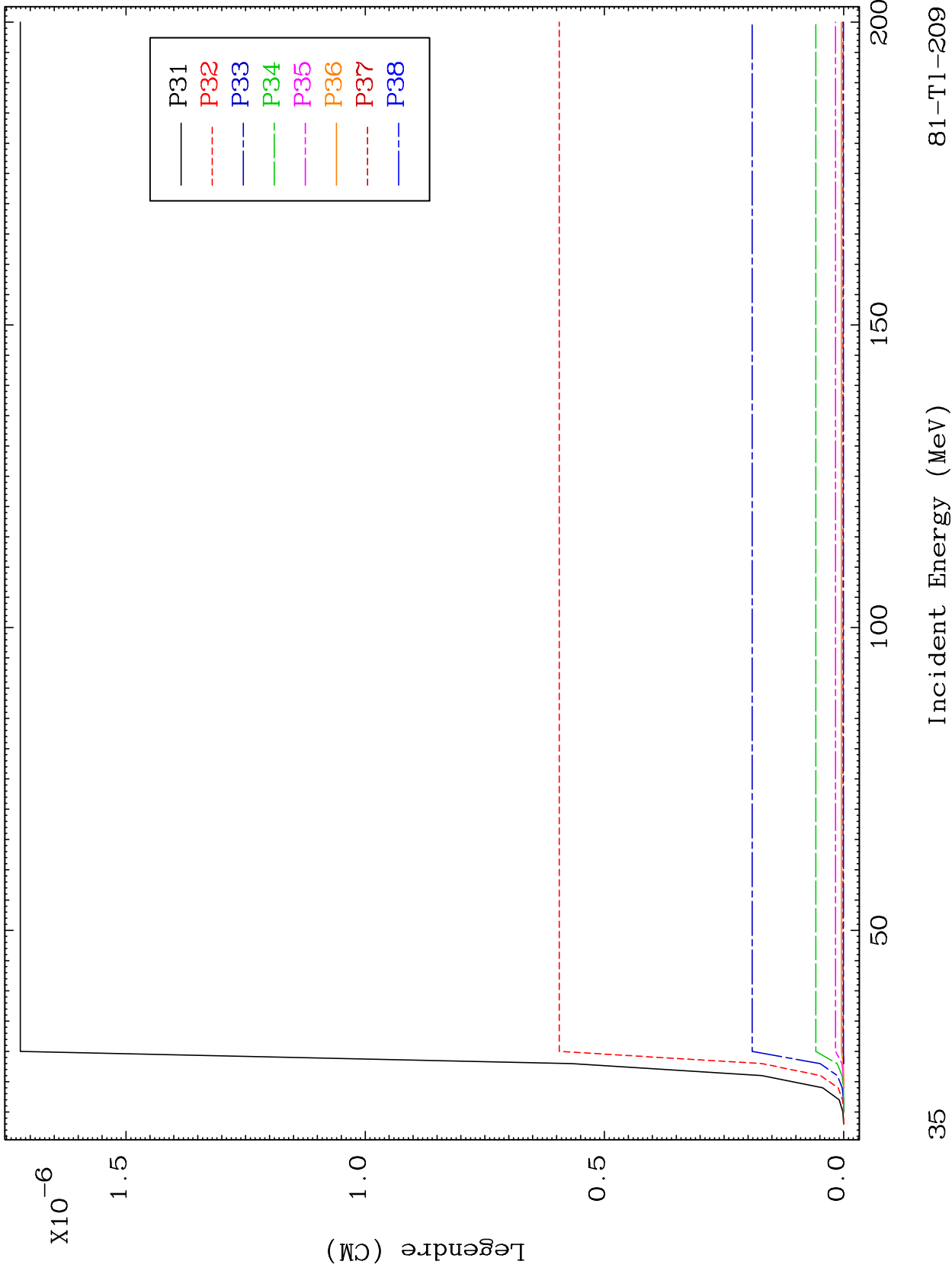


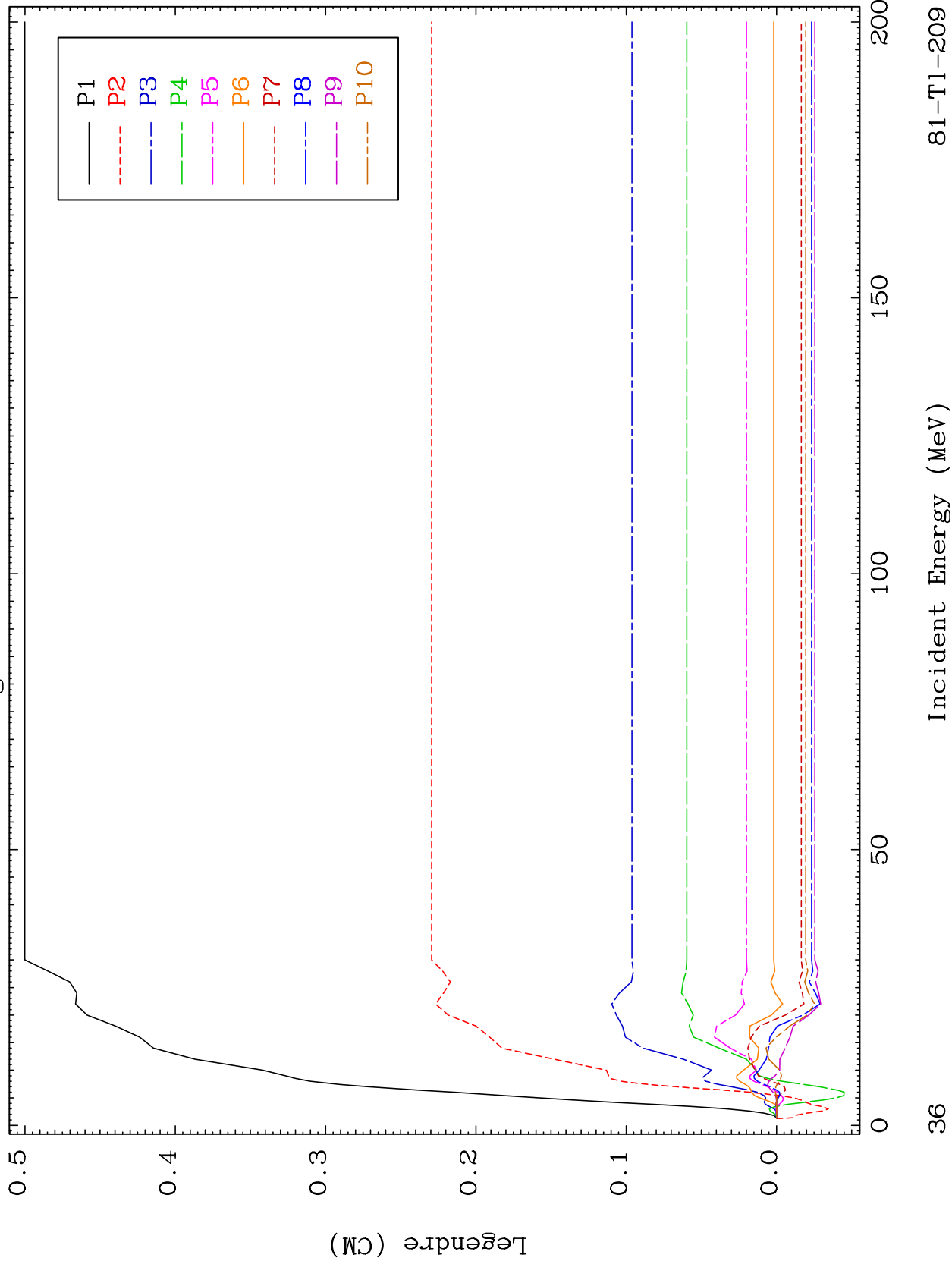


MAT 8143

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

81-T1-209

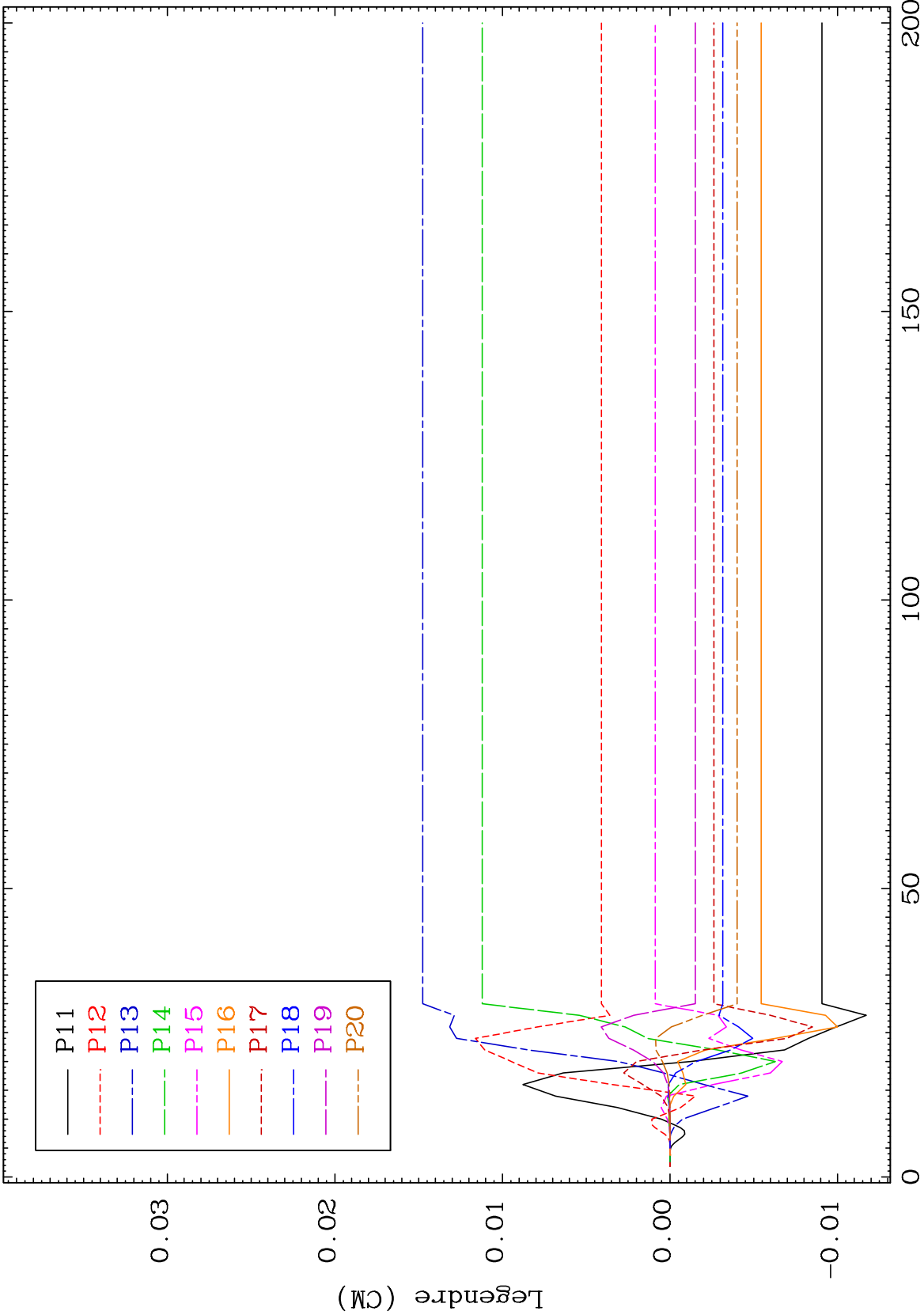




MAT 8143

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

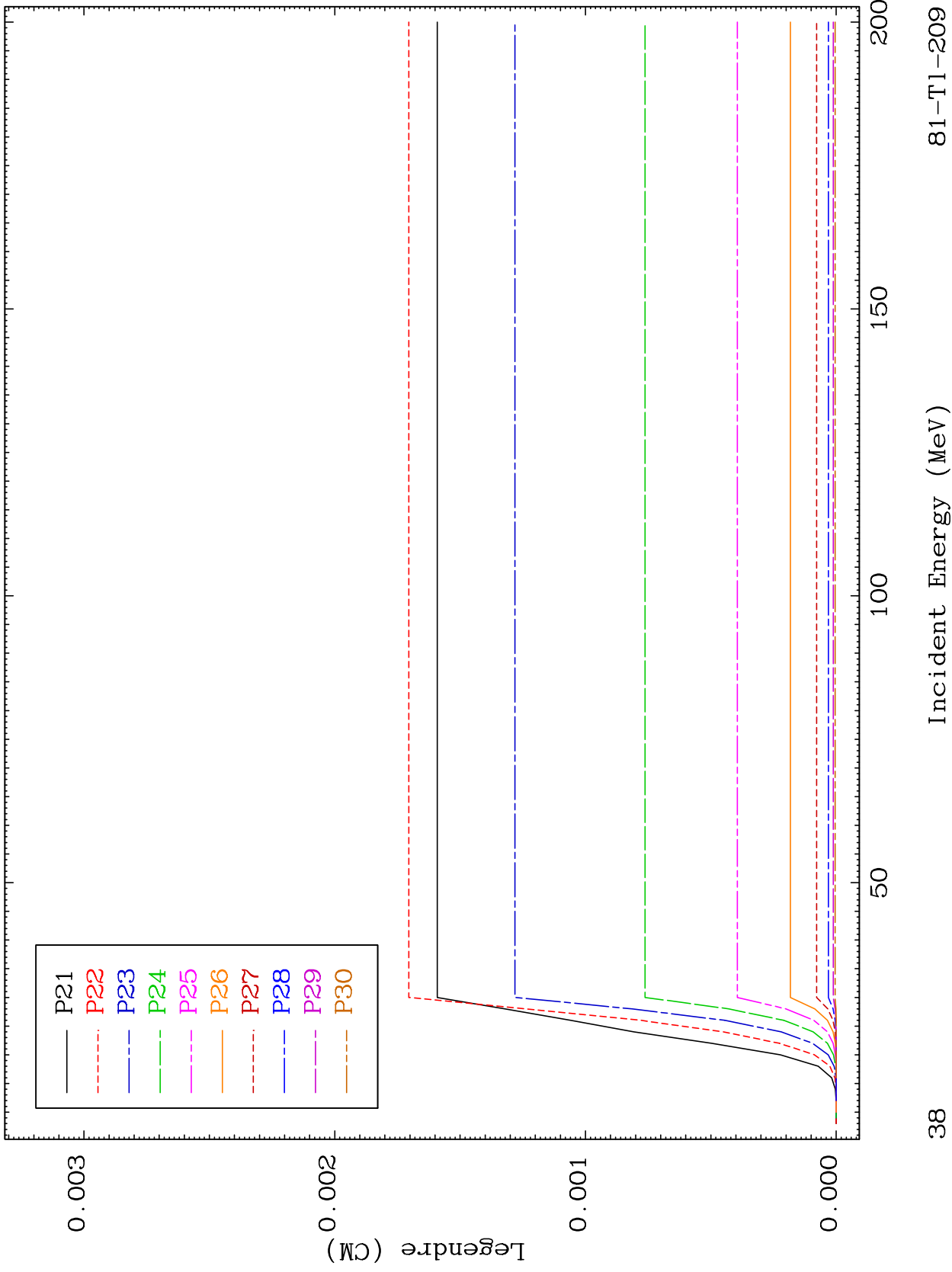
81-T1-209



37

Incident Energy (MeV)

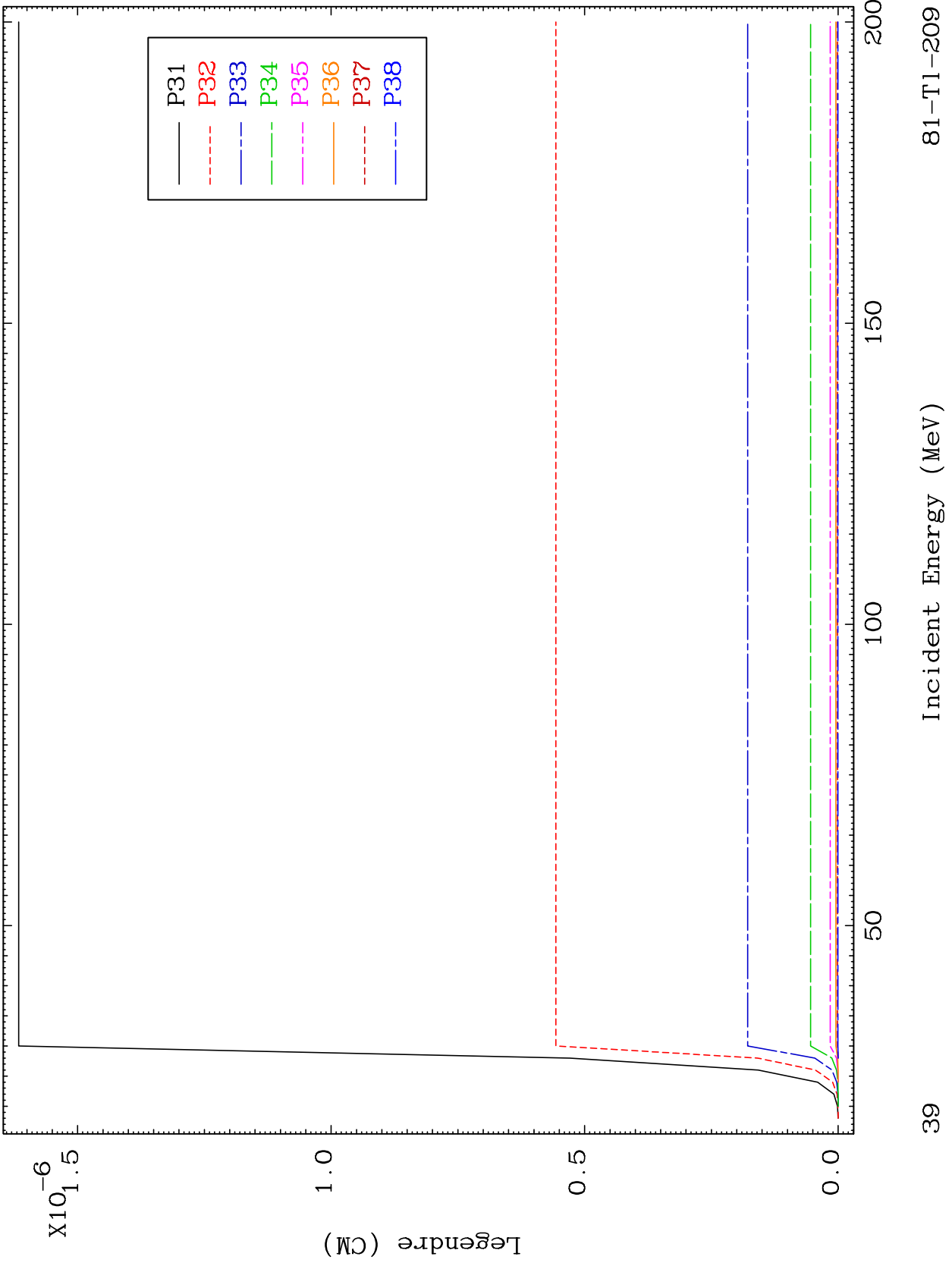
81-T1-209



MAT 8143

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

81-T1-209



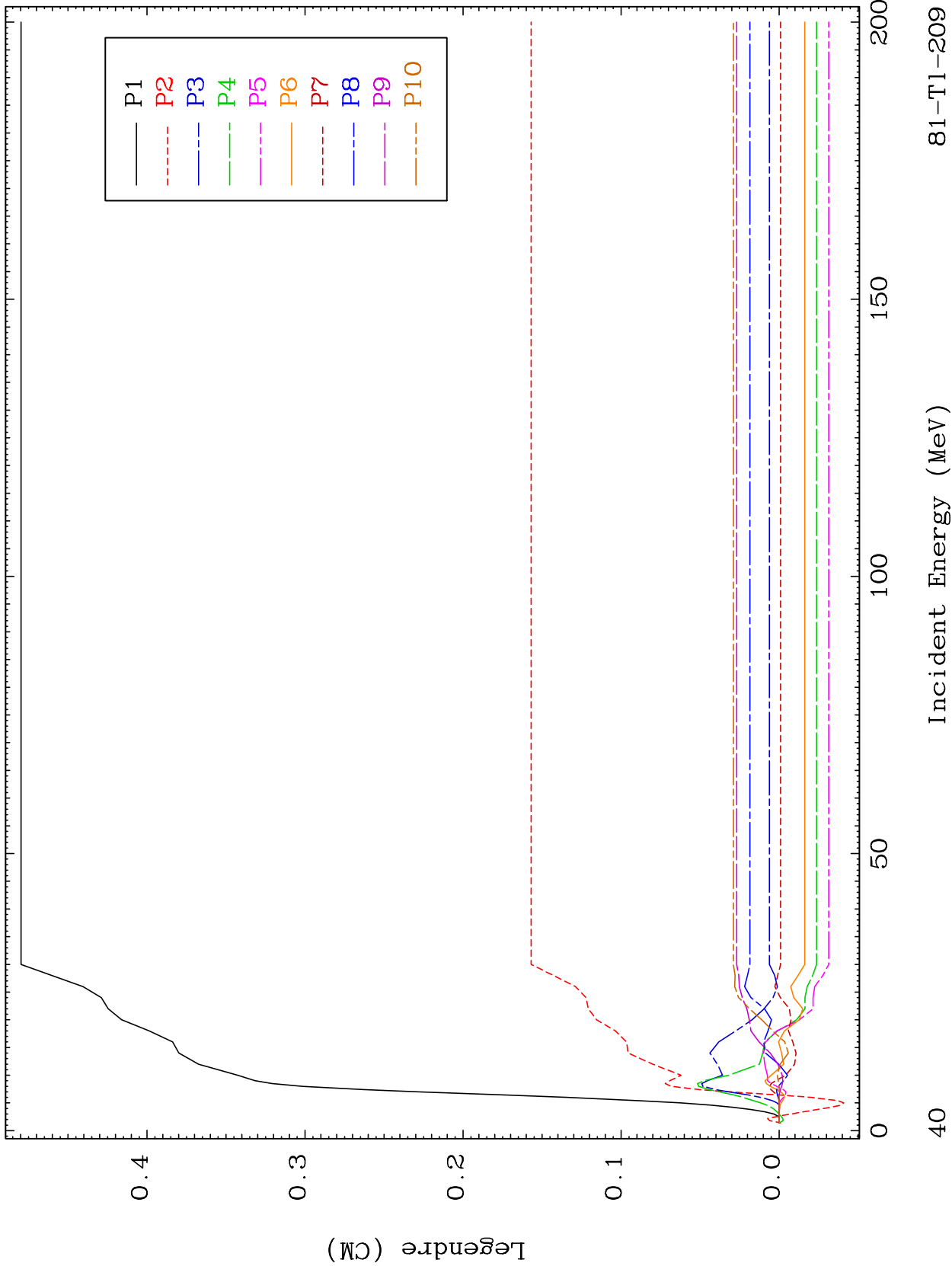
39

81-T1-209

MAT 8143

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

81-T1-209

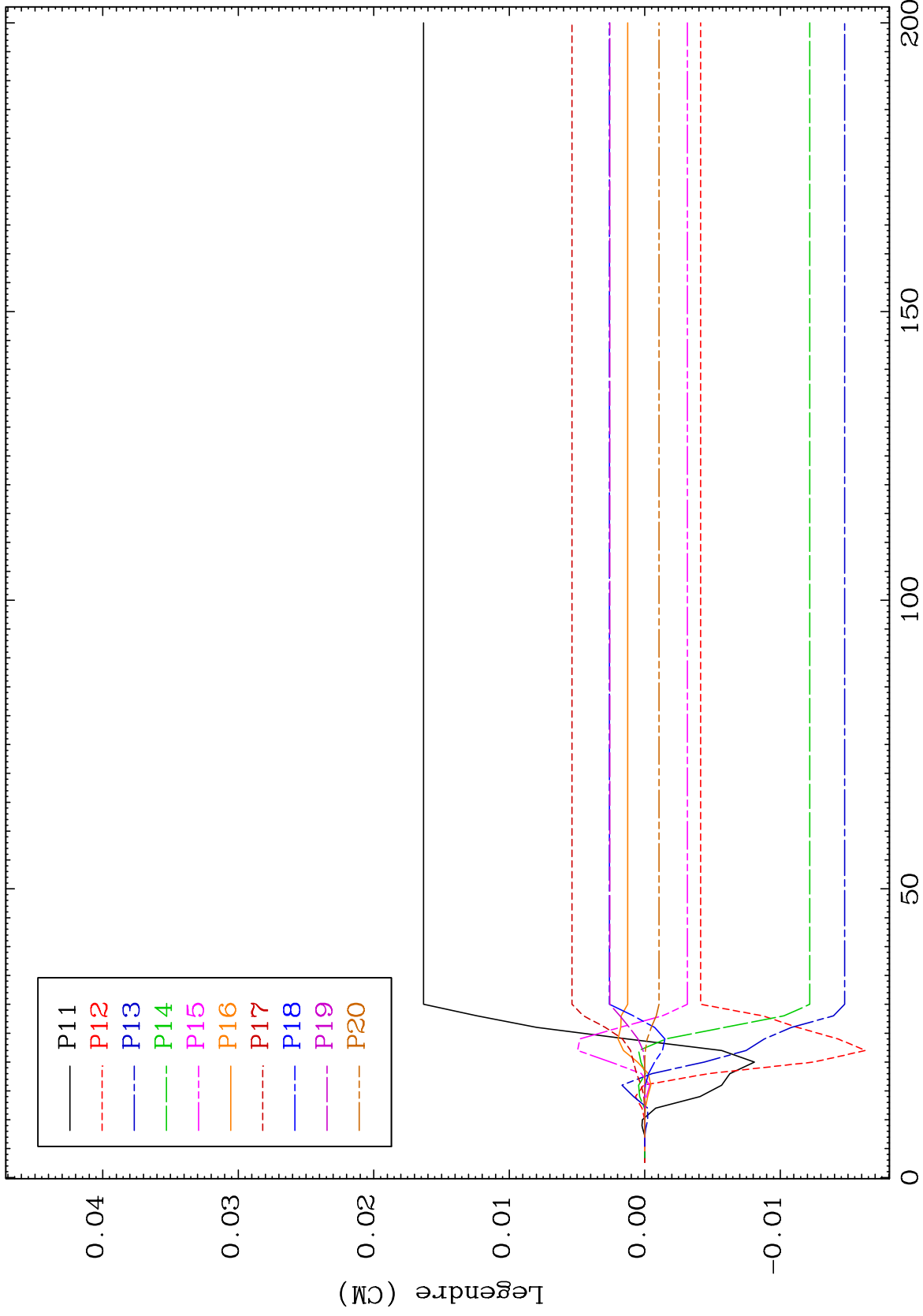


81-T1-209

MAT 8143

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

81-T1-209



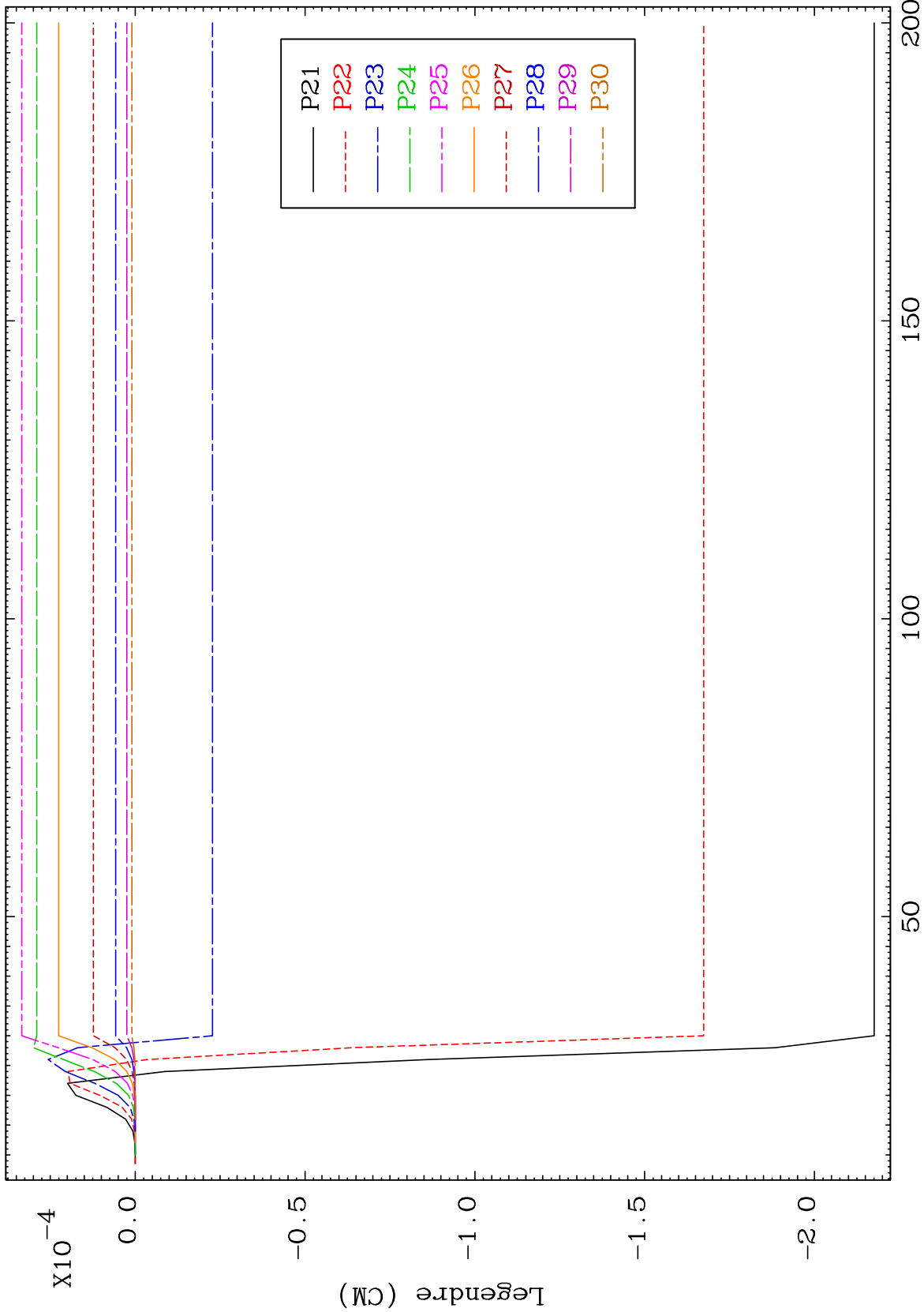
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81-T1-209

MAT 8143

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

81-T1-209



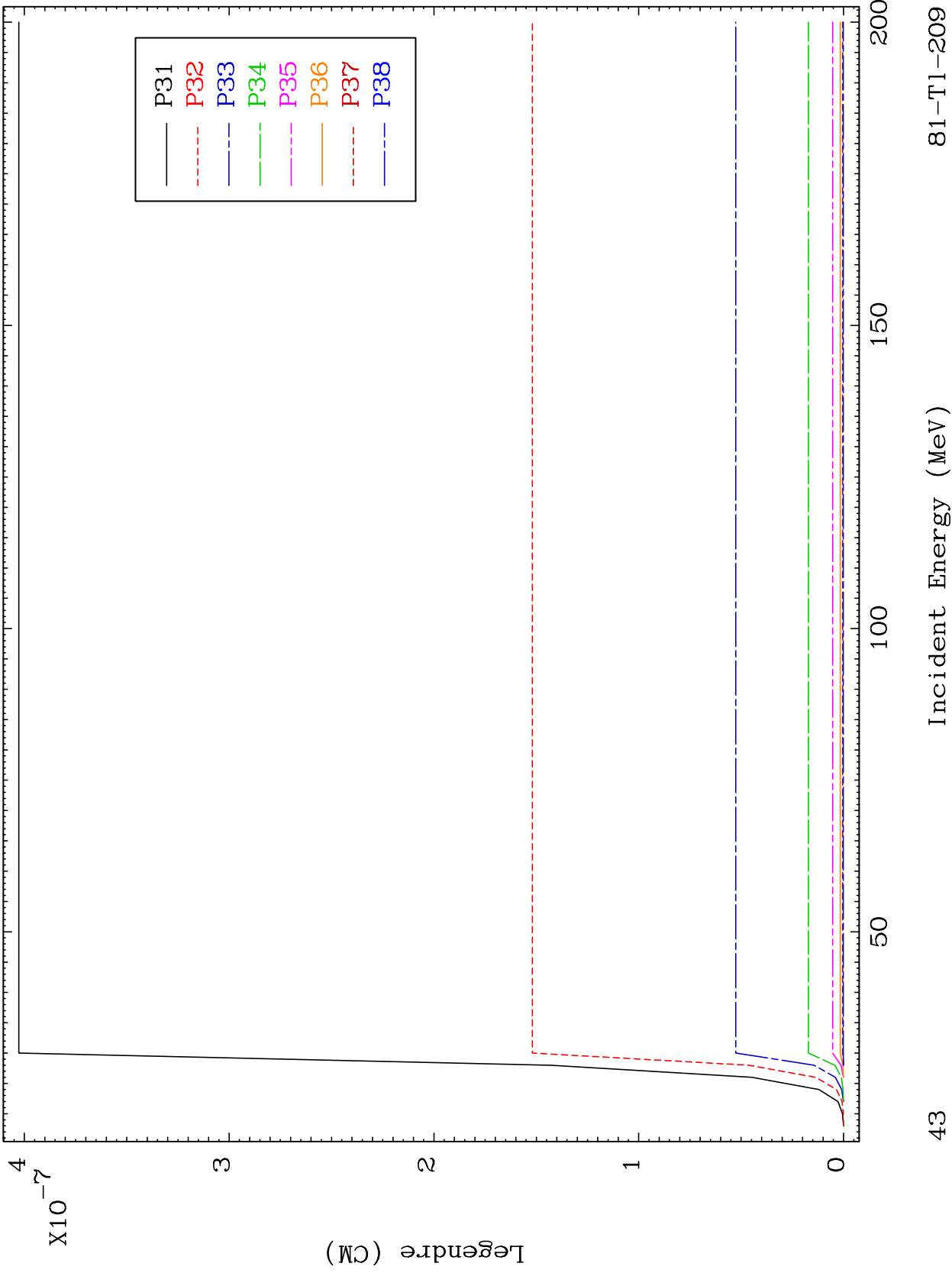
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81-T1-209

MAT 8143

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

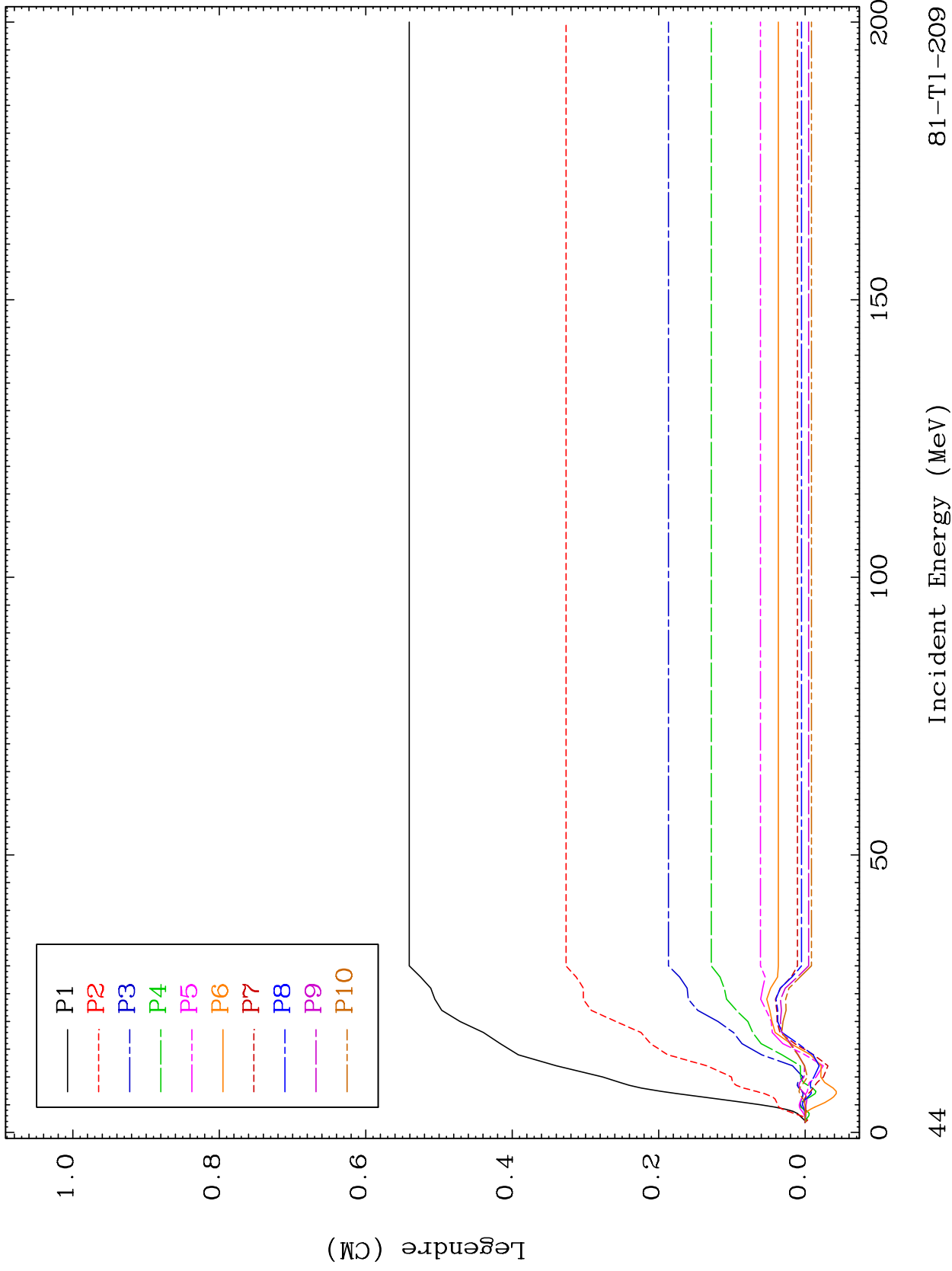
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MAT 8143

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

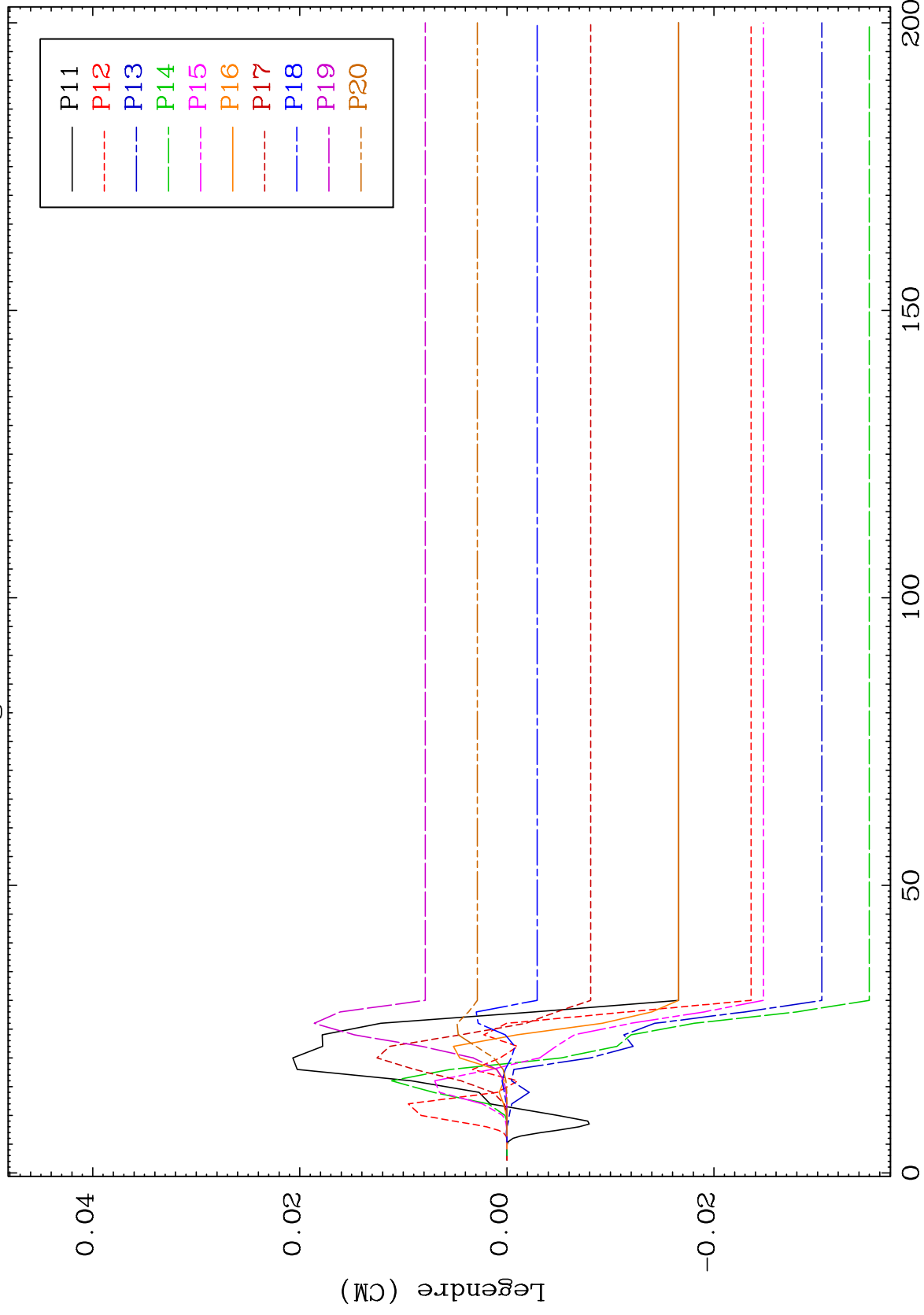
81-T1-209



MAT 8143

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

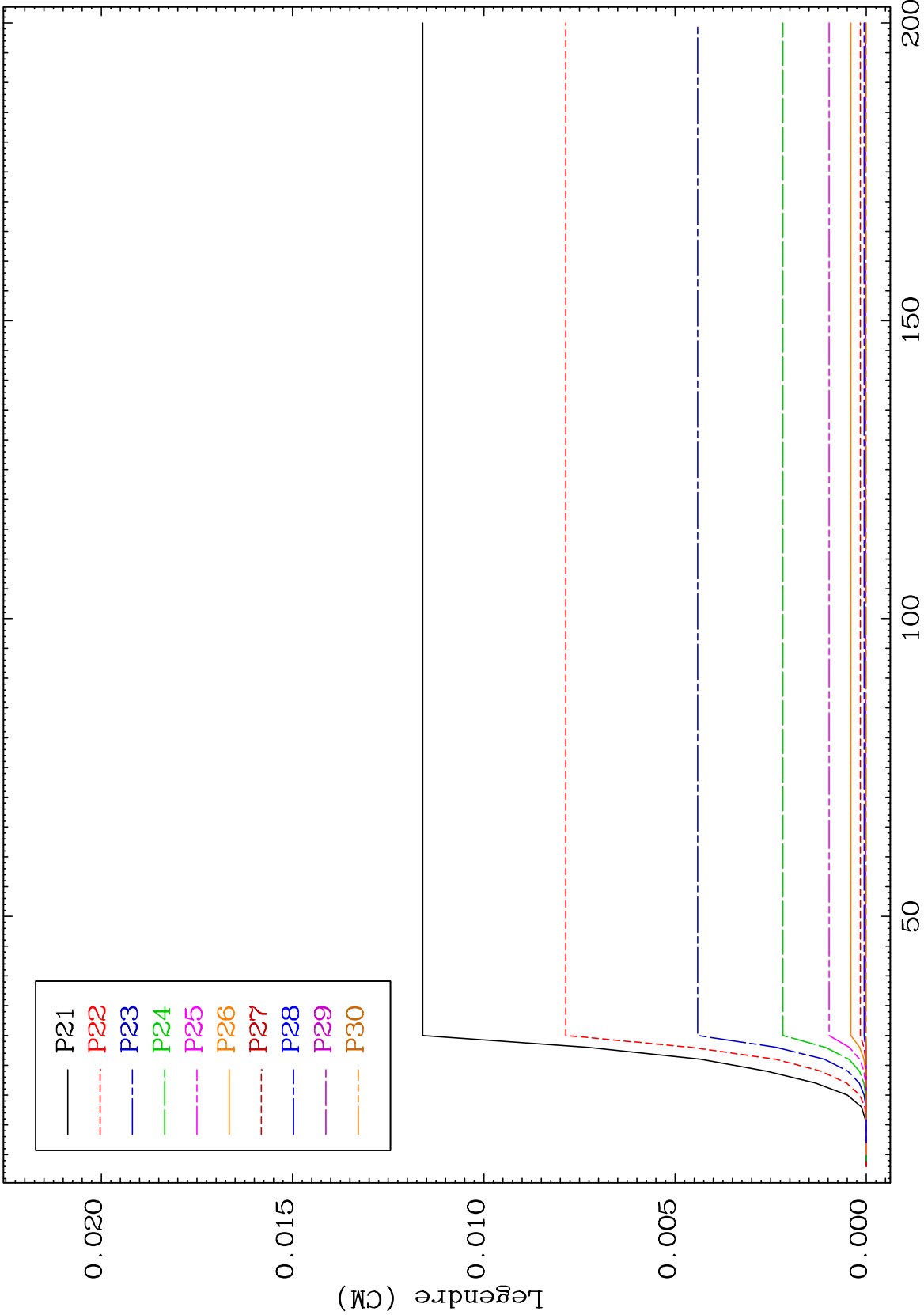
81-T1-209



45

Incident Energy (MeV)

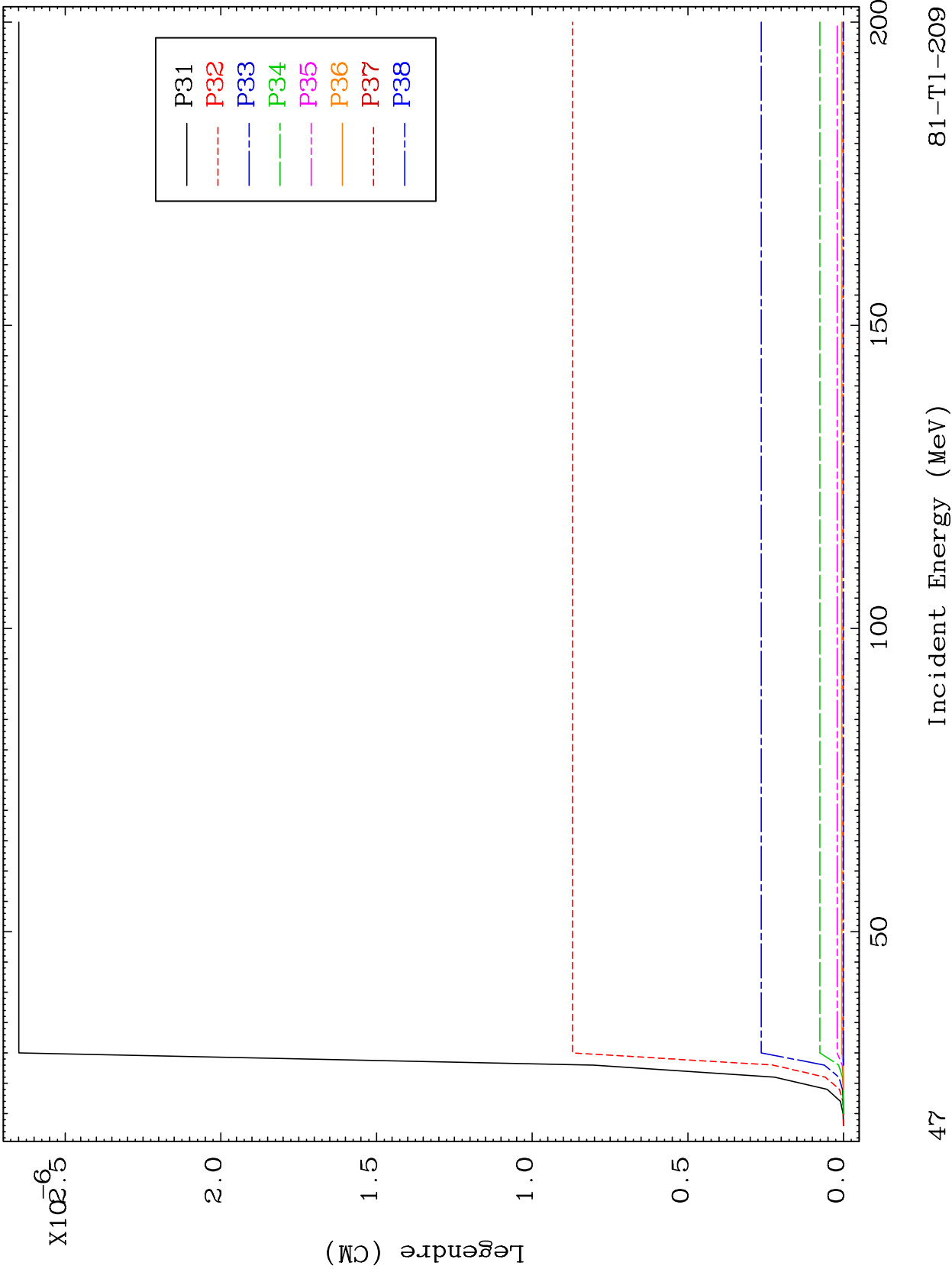
81-T1-209



MAT 8143

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

81-T1-209



47

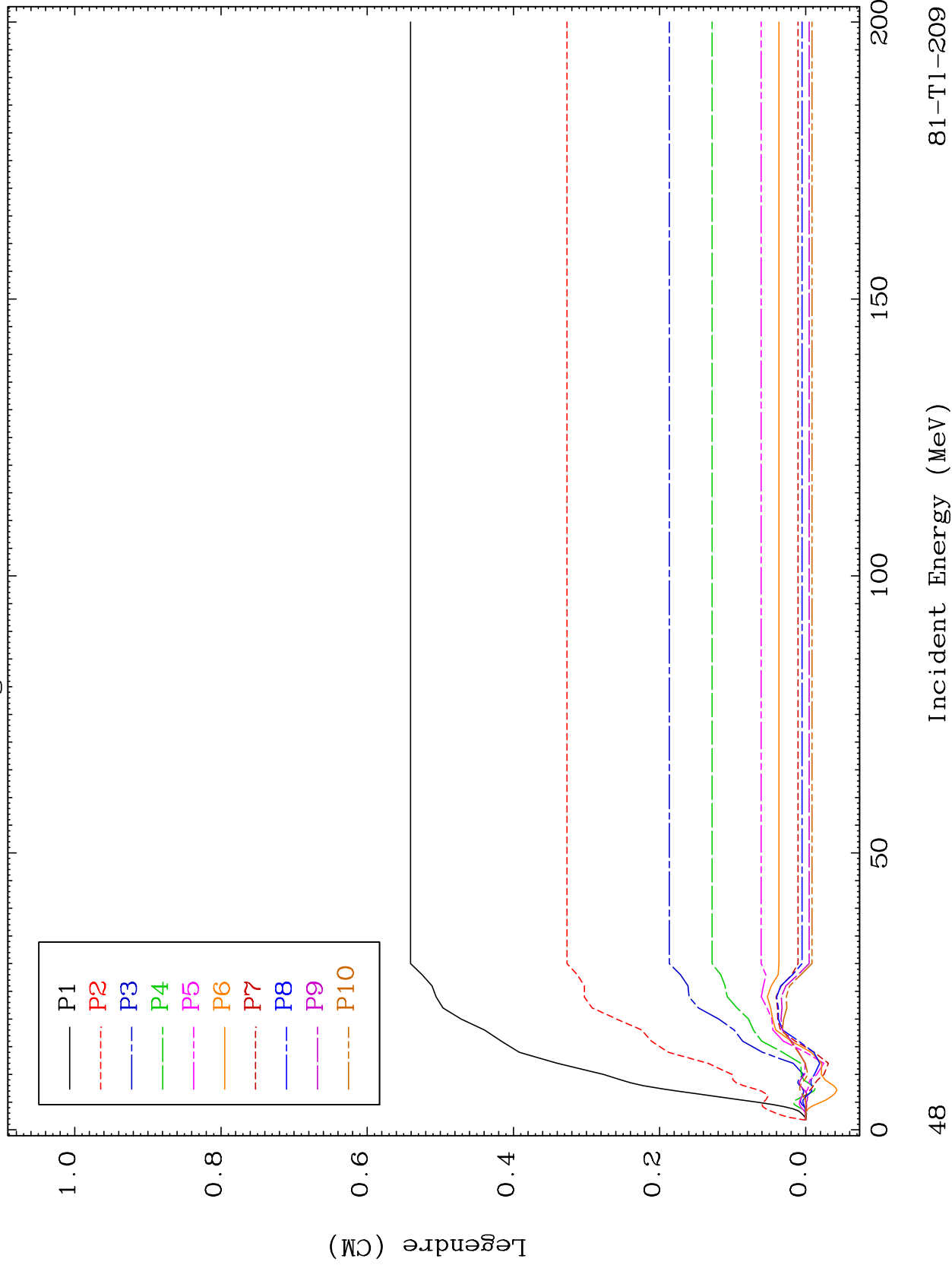
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209

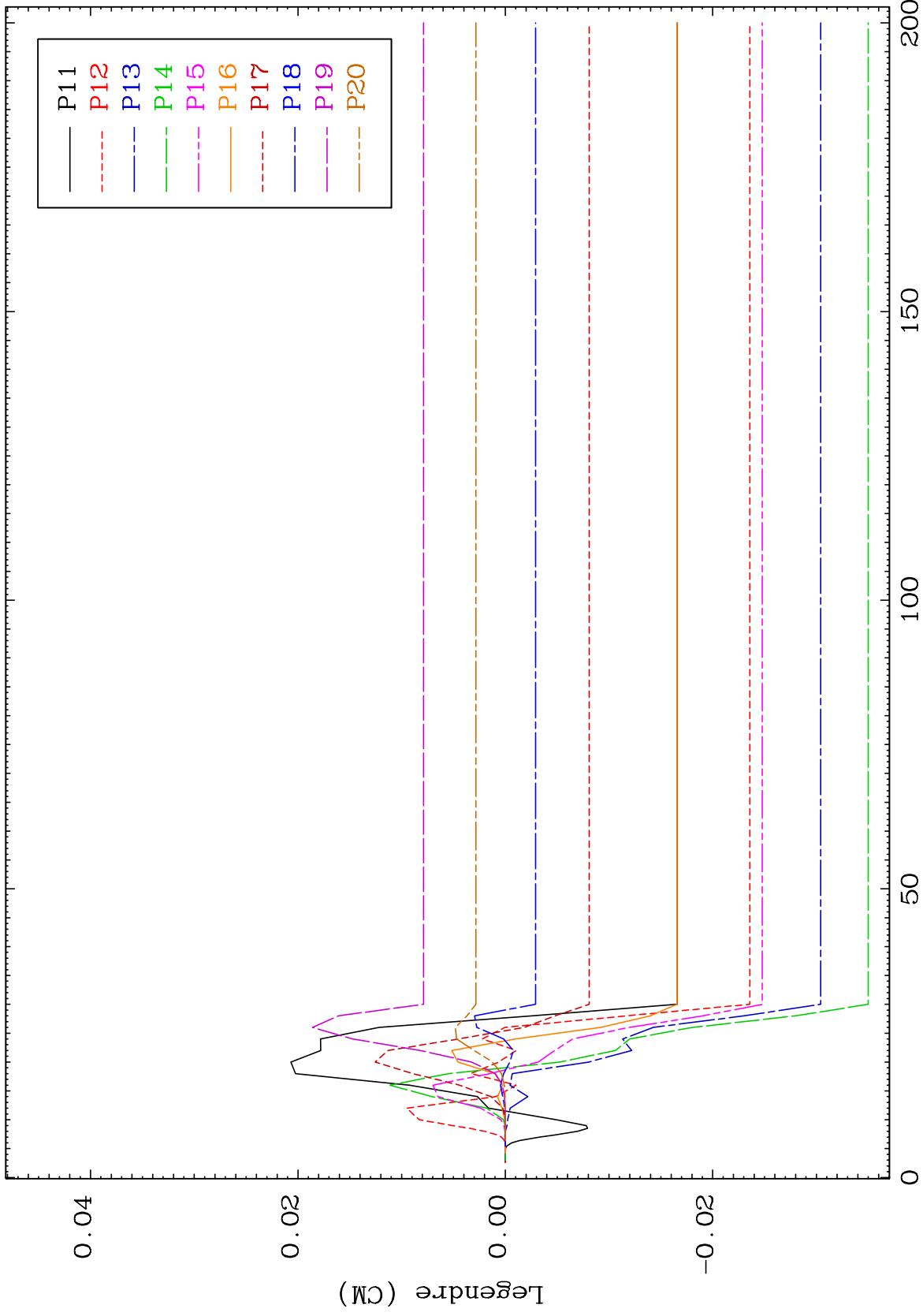


48

MAT 8143

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

81-T1-209



49

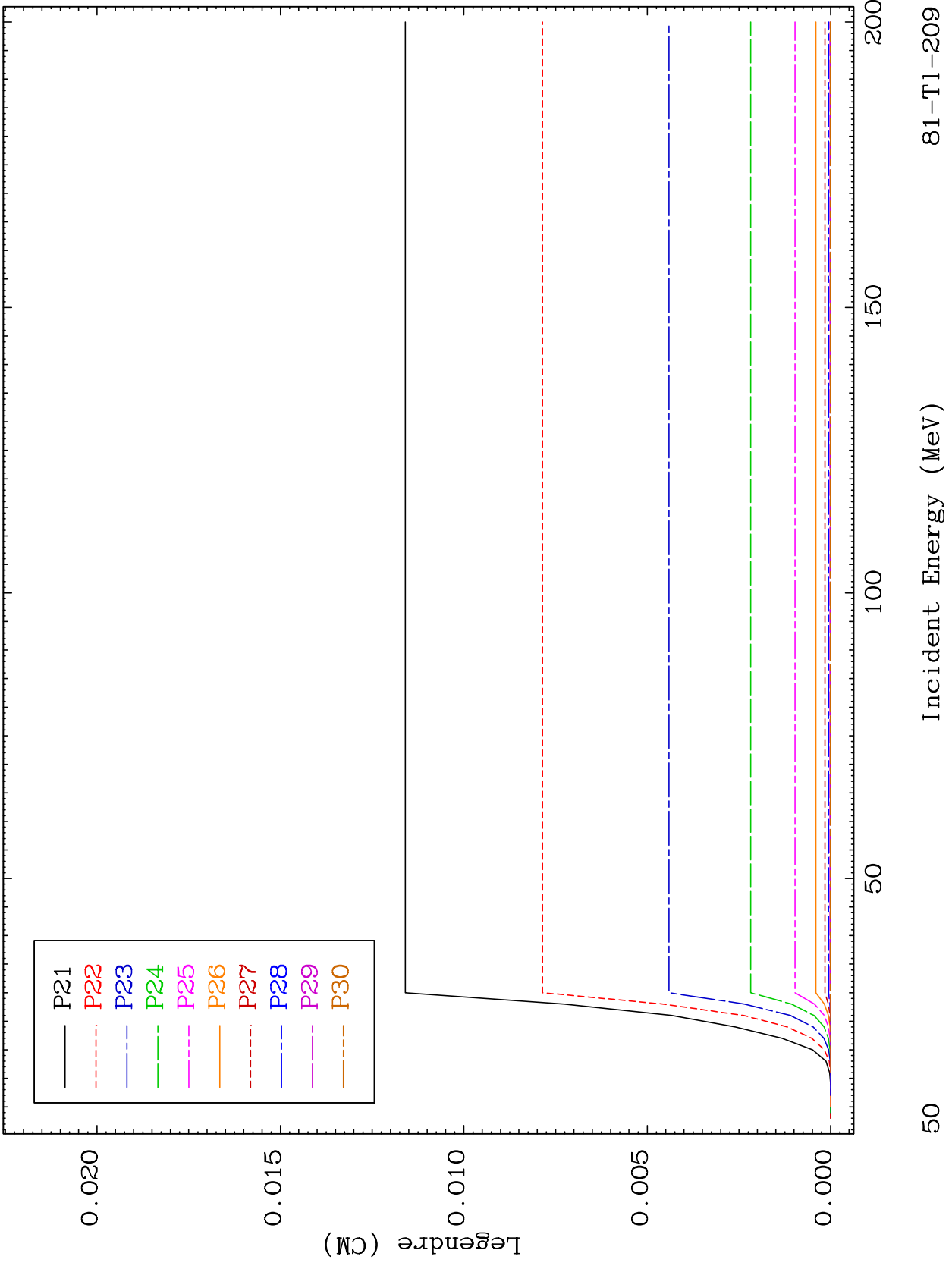
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



81-T1-209

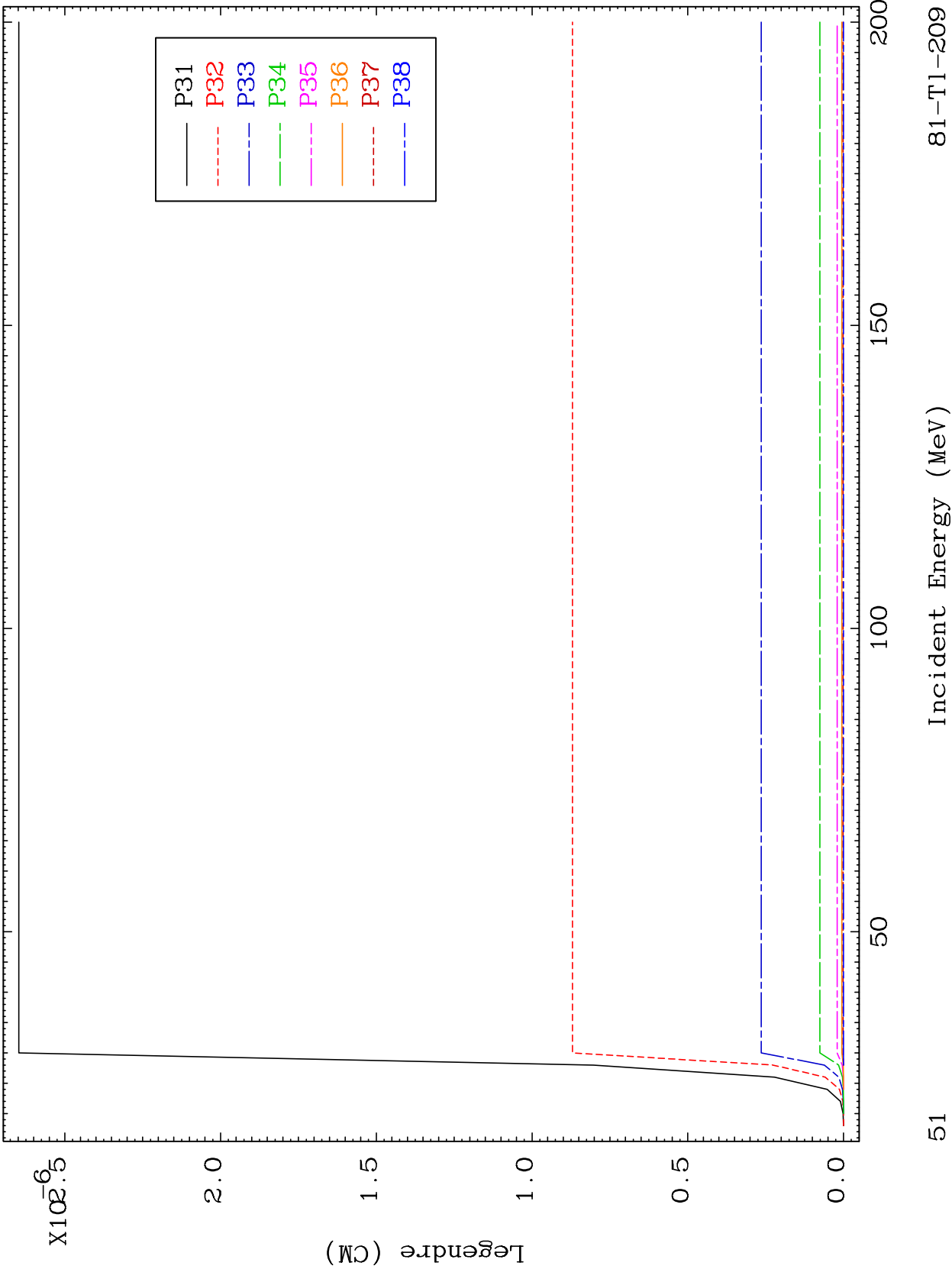
Incident Energy (MeV)

50

MAT 8143

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

81-T1-209



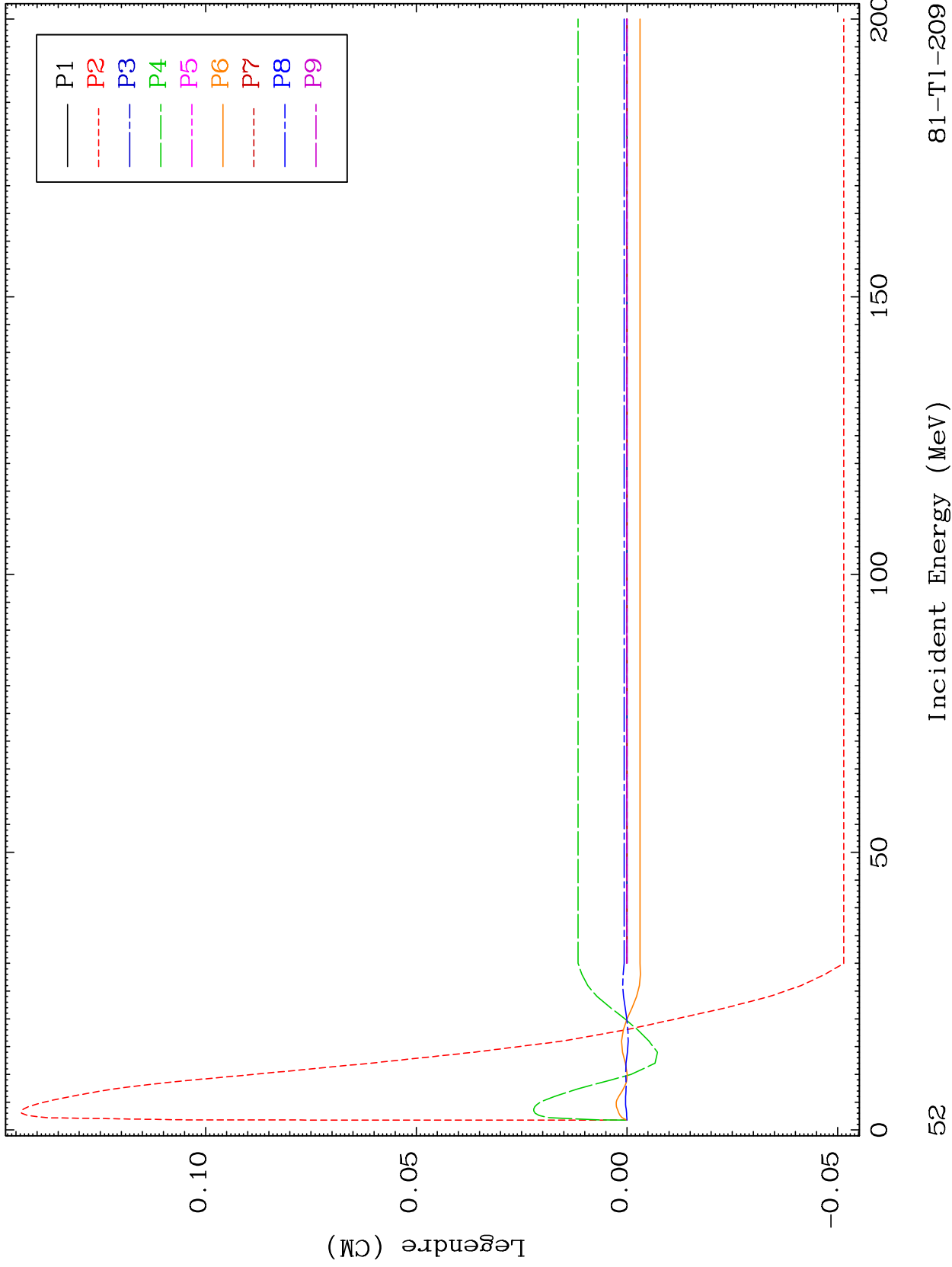
51

81-T1-209

MAT 8143

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

81-T1-209



81-T1-209

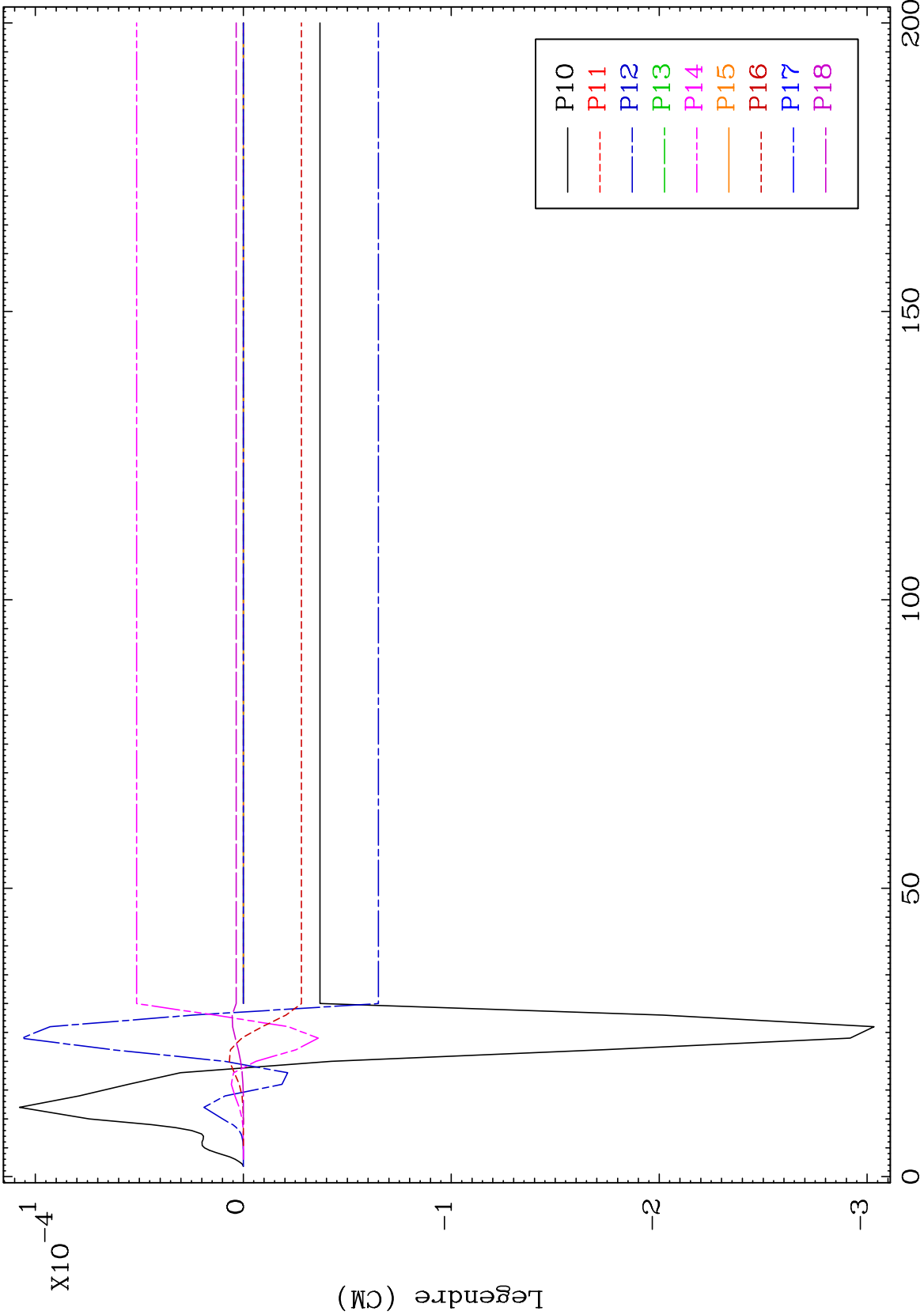
Incident Energy (MeV)

52

MAT 8143

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

81-T1-209



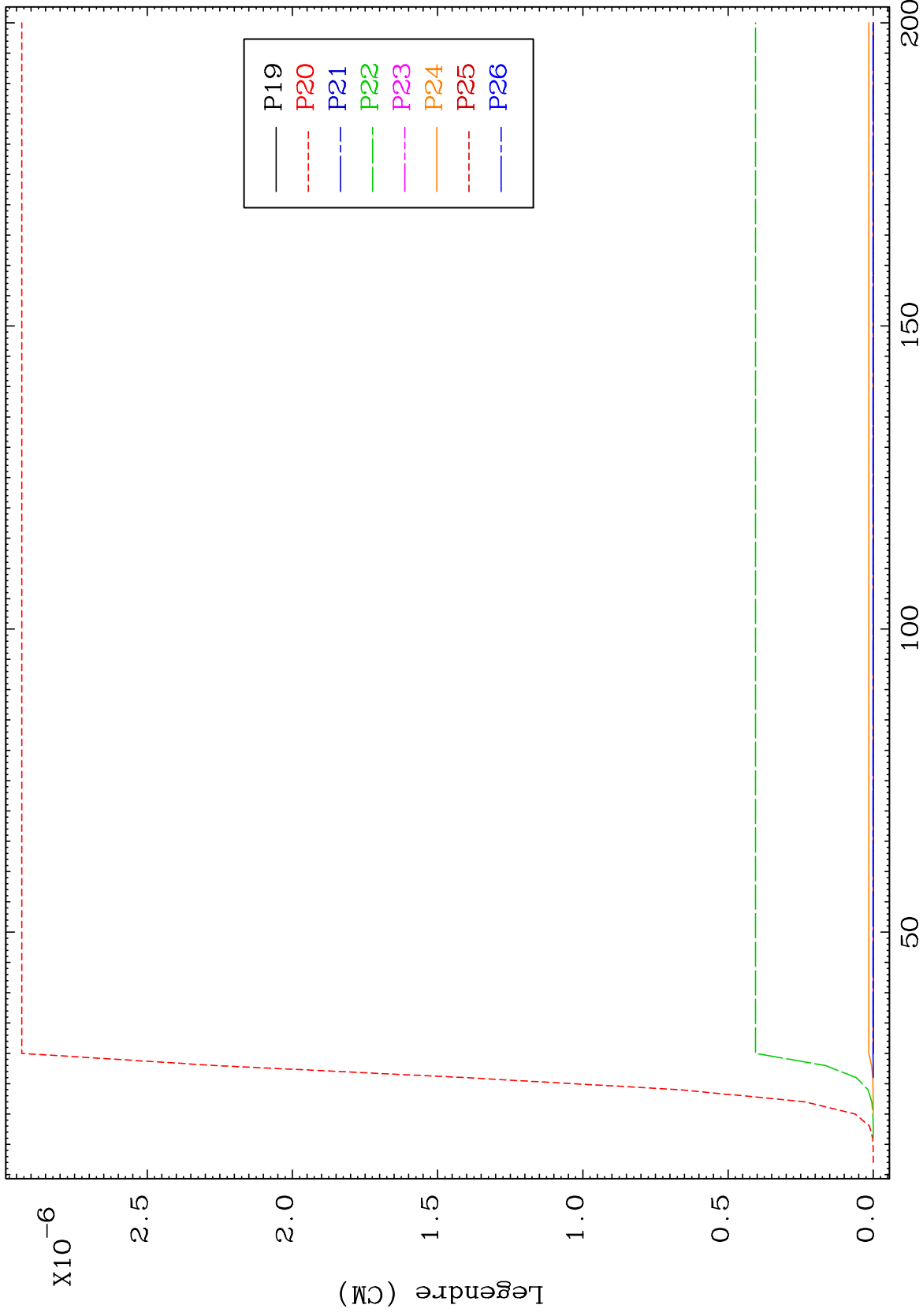
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81-T1-209

MAT 8143

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

81-T1-209



54

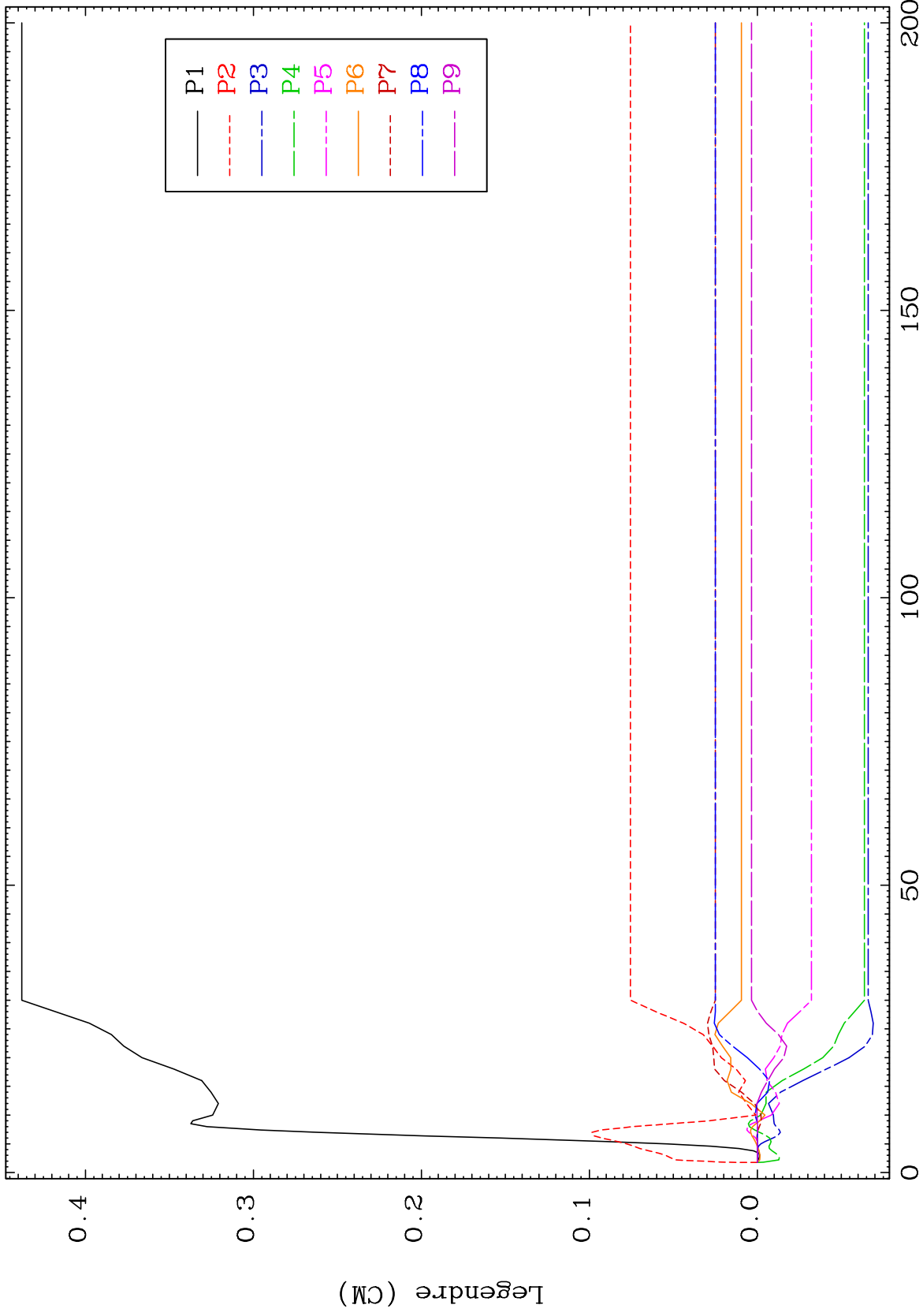
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



55

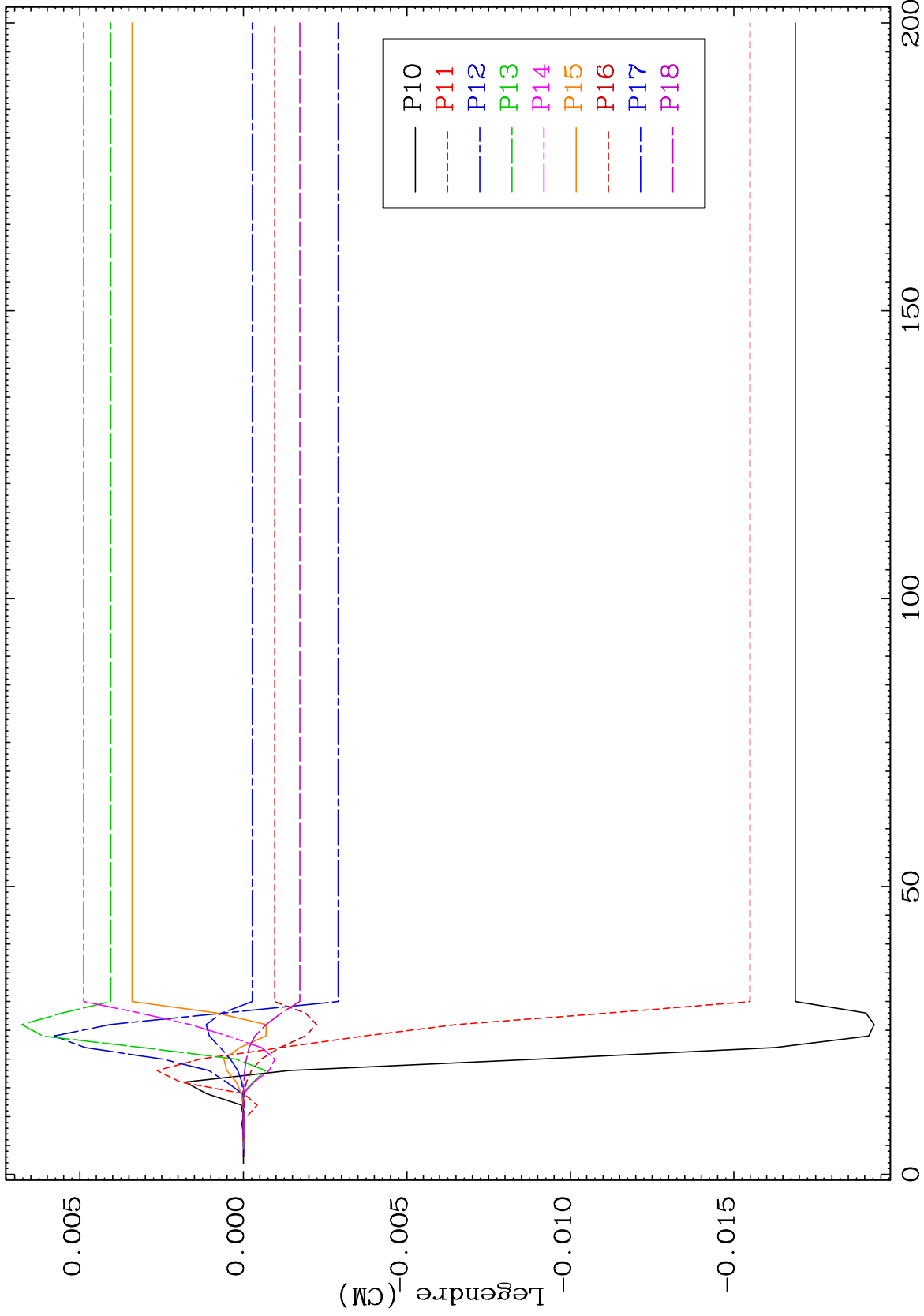
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



56

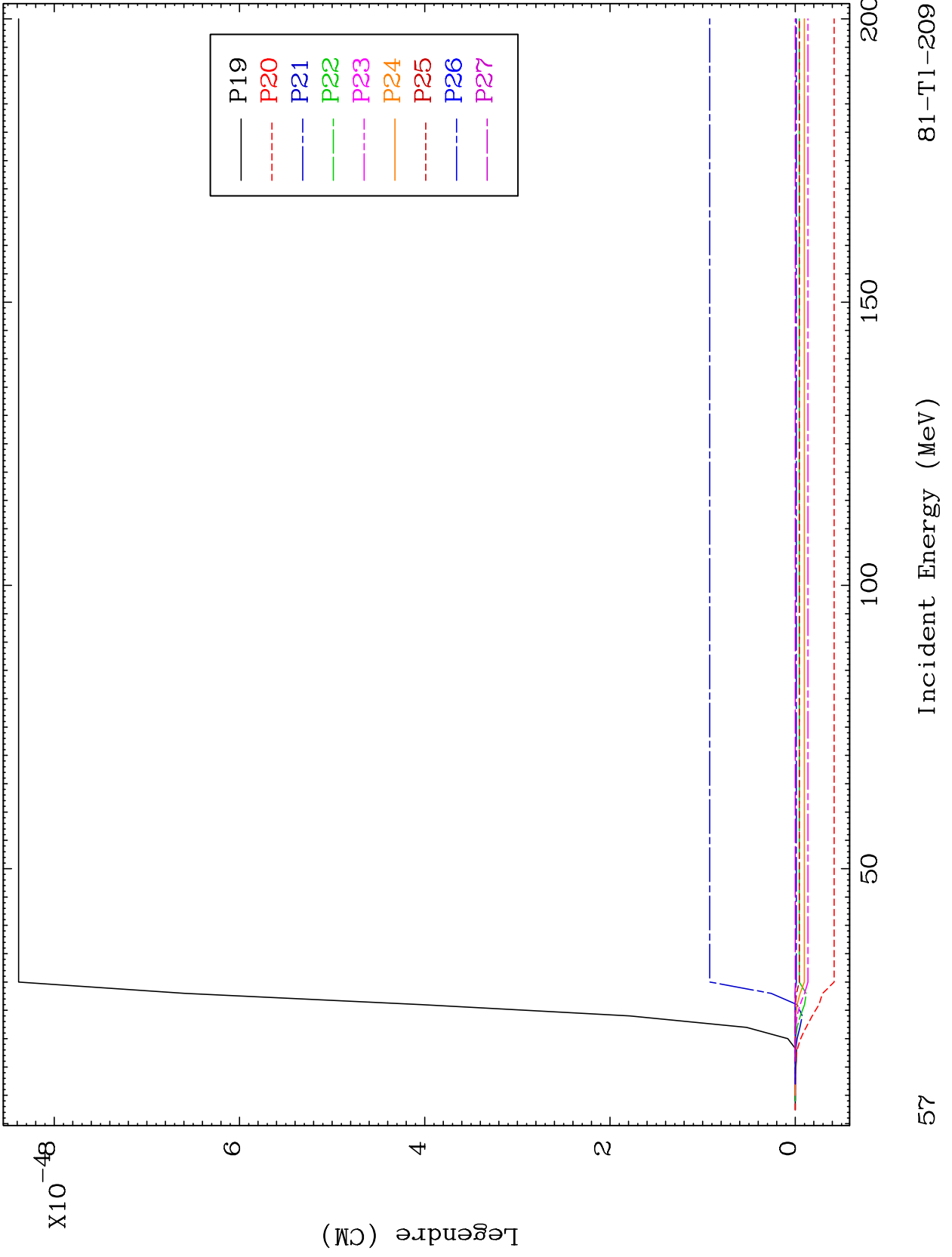
Incident Energy (MeV)

81-T1-209

MAT 8143

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

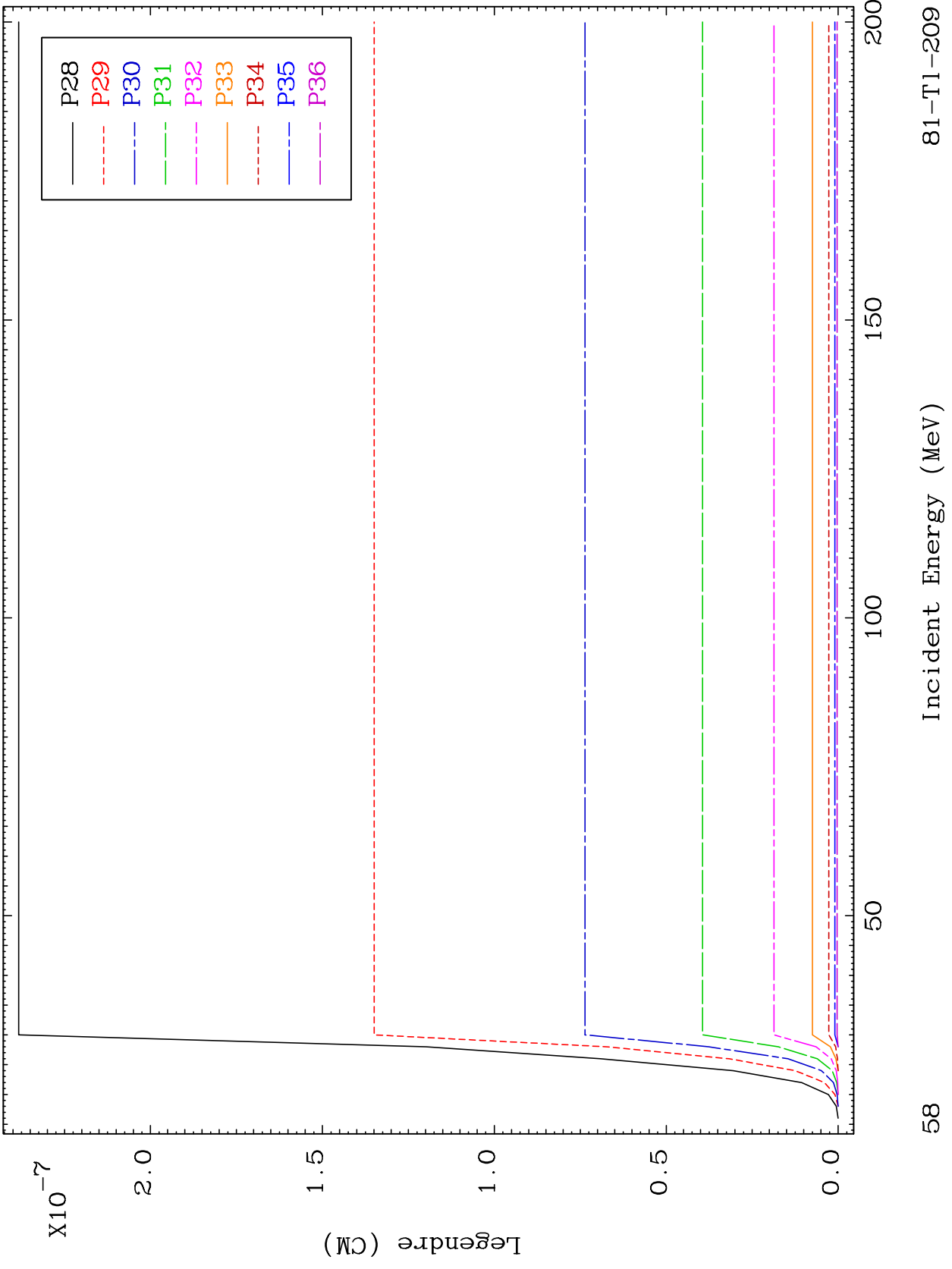
81-Tl-209



MAT 8143

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

81-T1-209



58

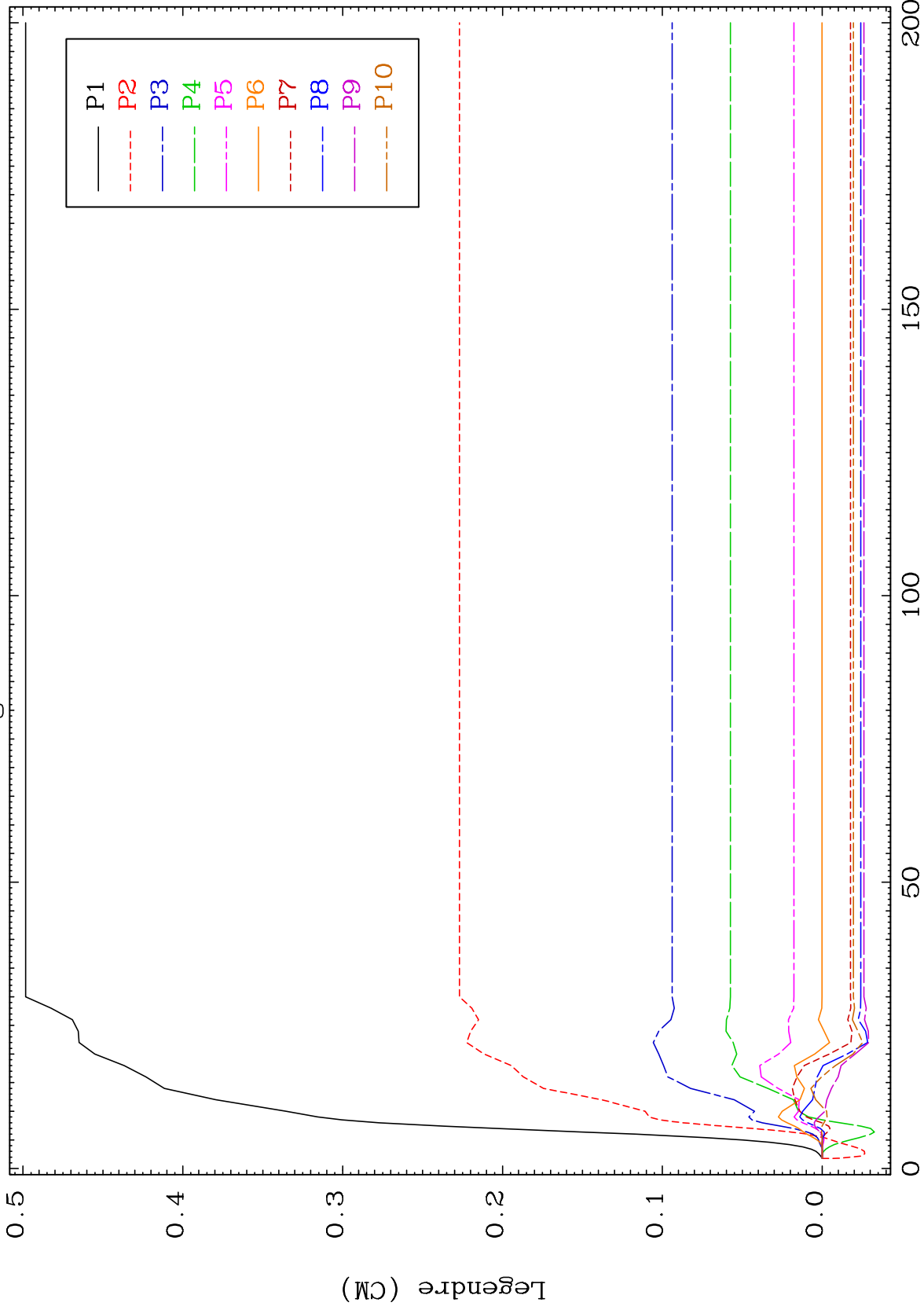
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



81-T1-209

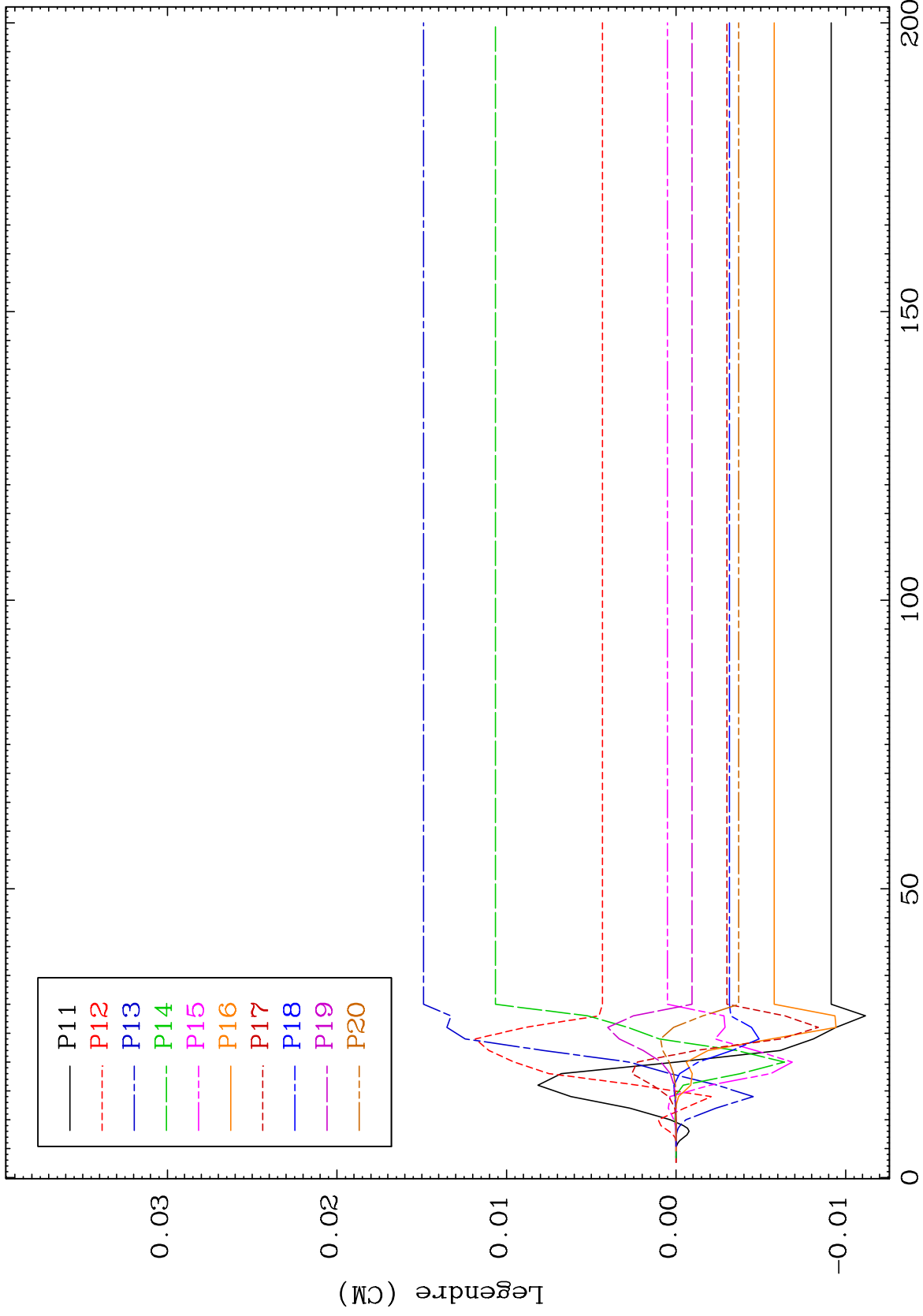
Incident Energy (MeV)

59

MAT 8143

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

81-T1-209



60

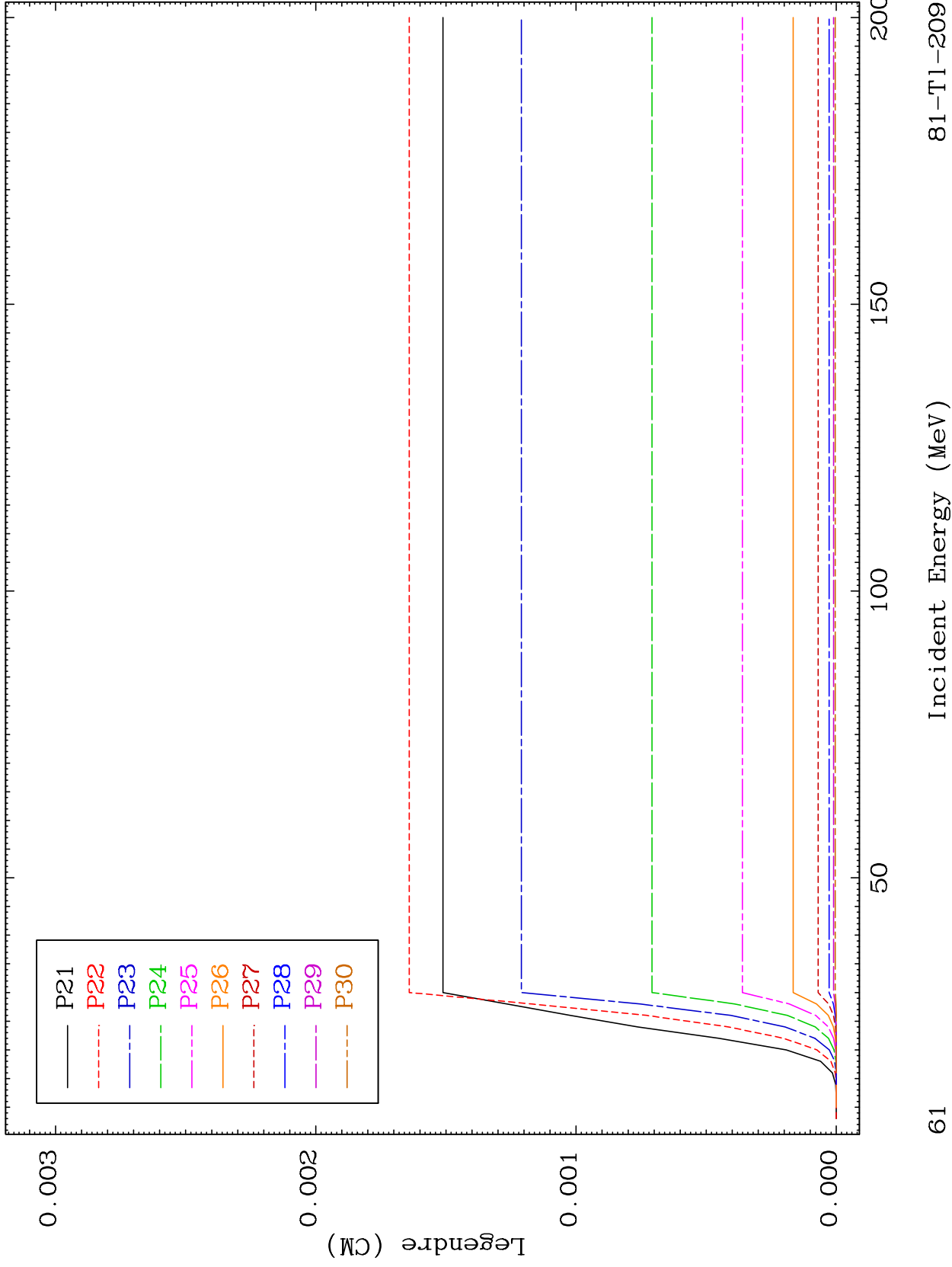
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-Tl-209



61

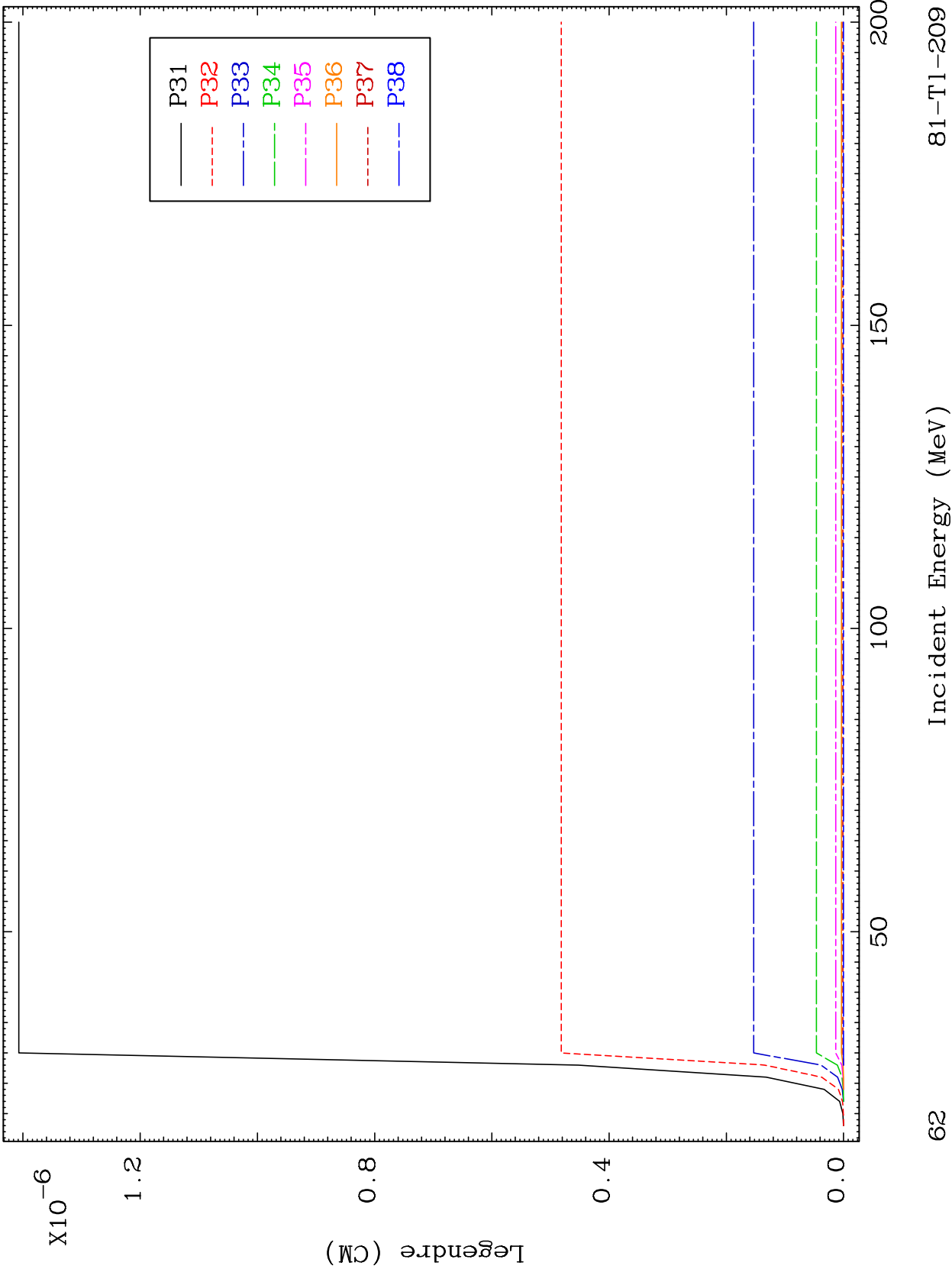
Incident Energy (MeV)

81-Tl-209

MAT 8143

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

81-T1-209



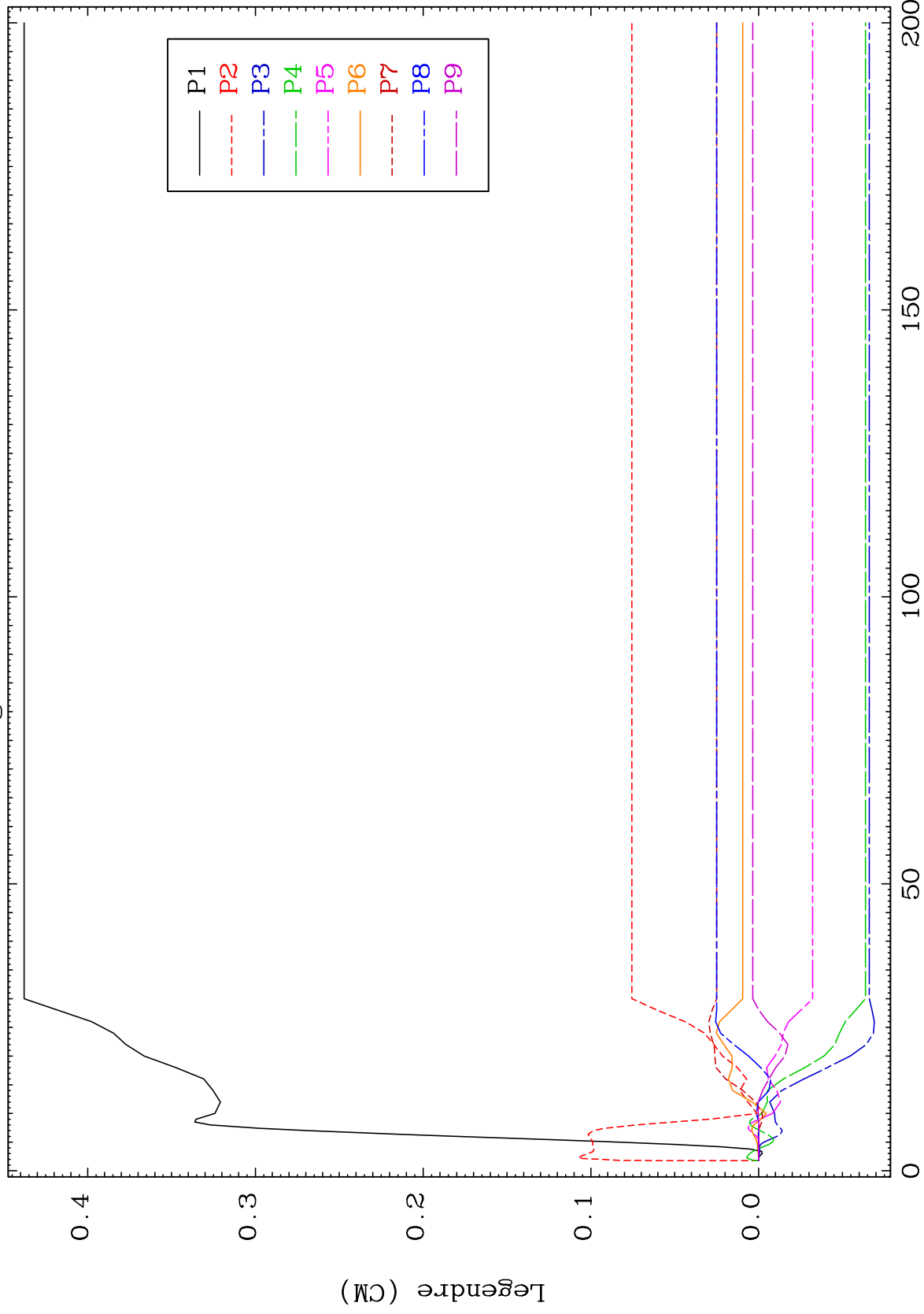
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81-T1-209

MAT 8143

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

81-T1-209



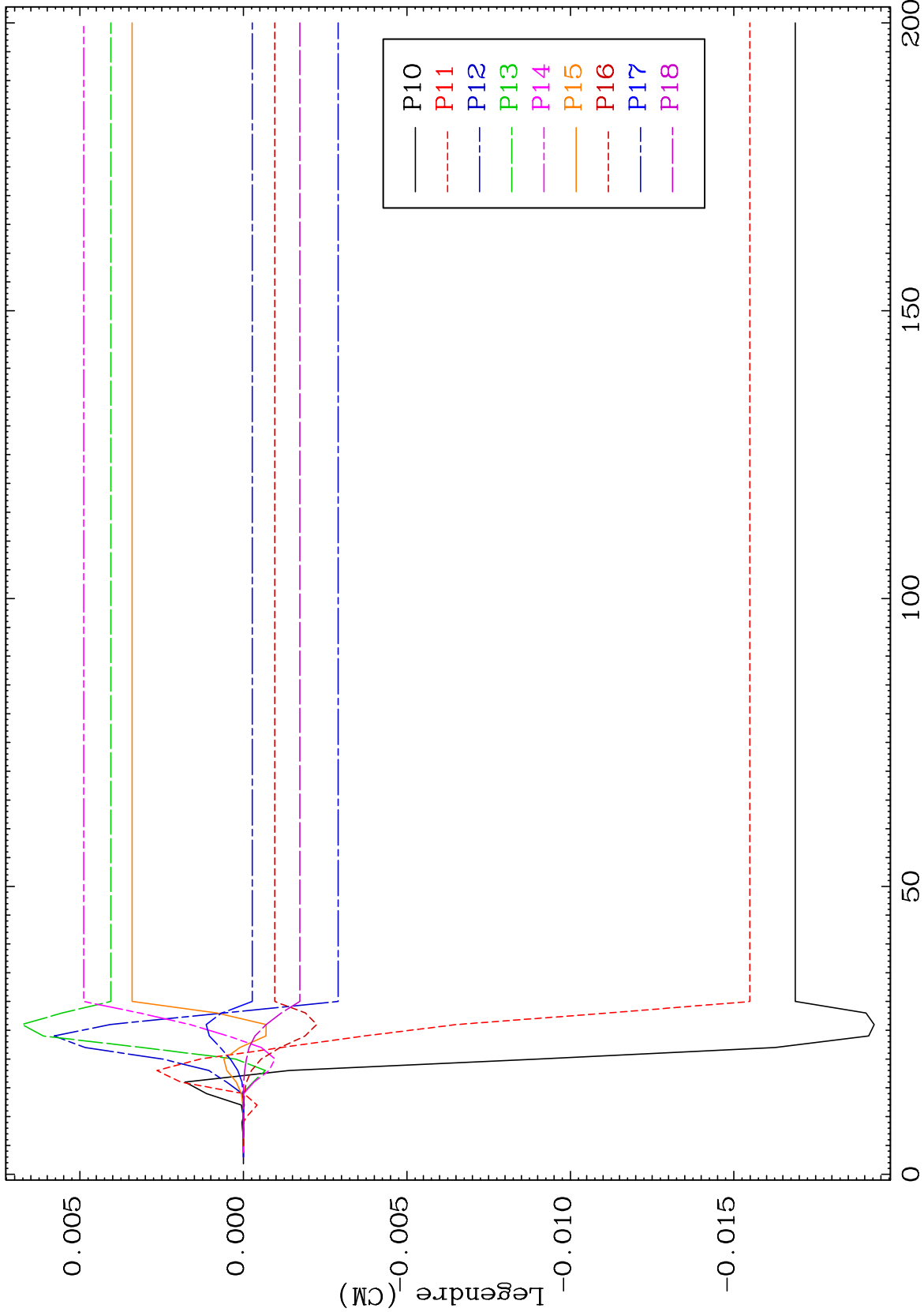
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81-T1-209

MAT 8143

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

81-T1-209



64

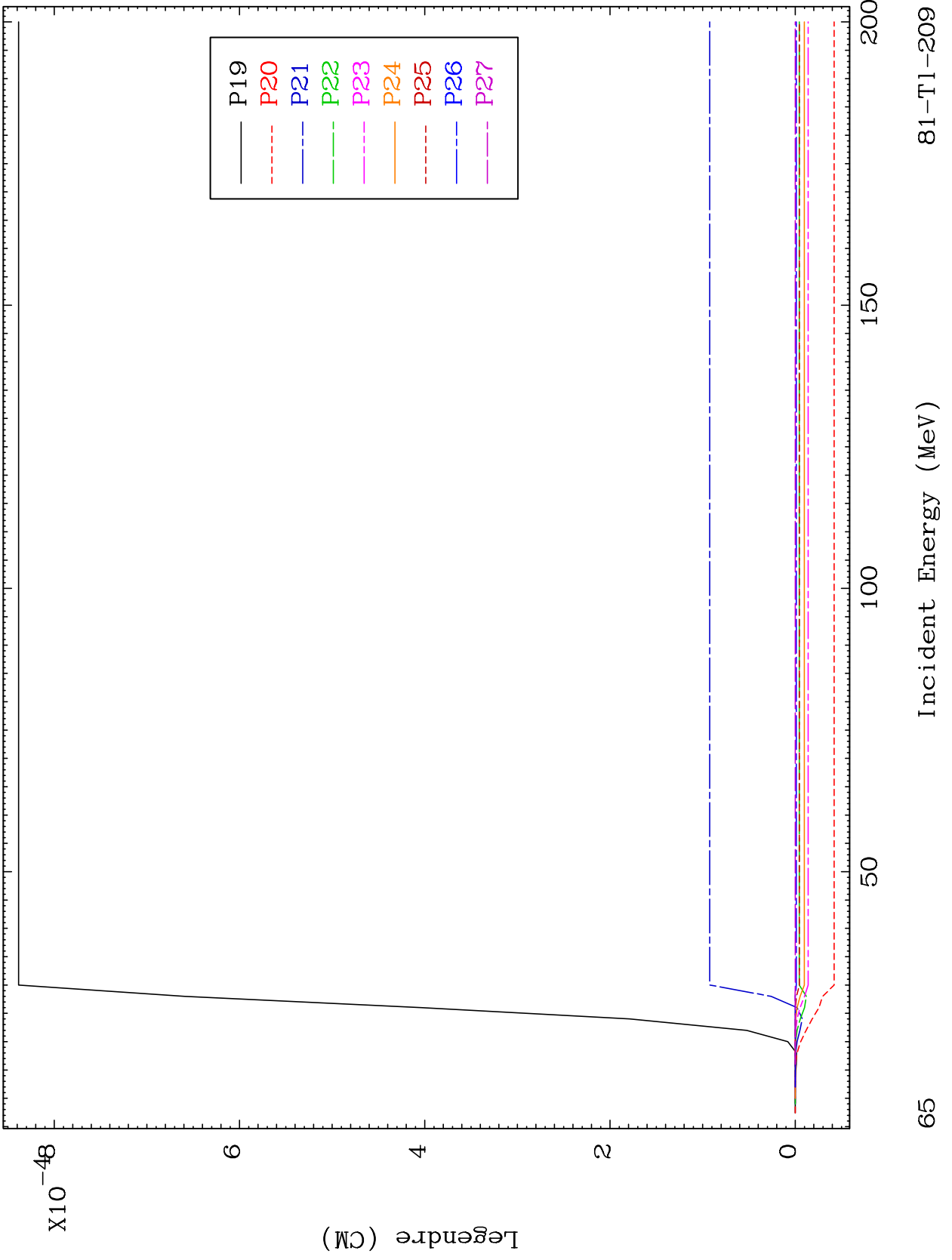
Incident Energy (MeV)

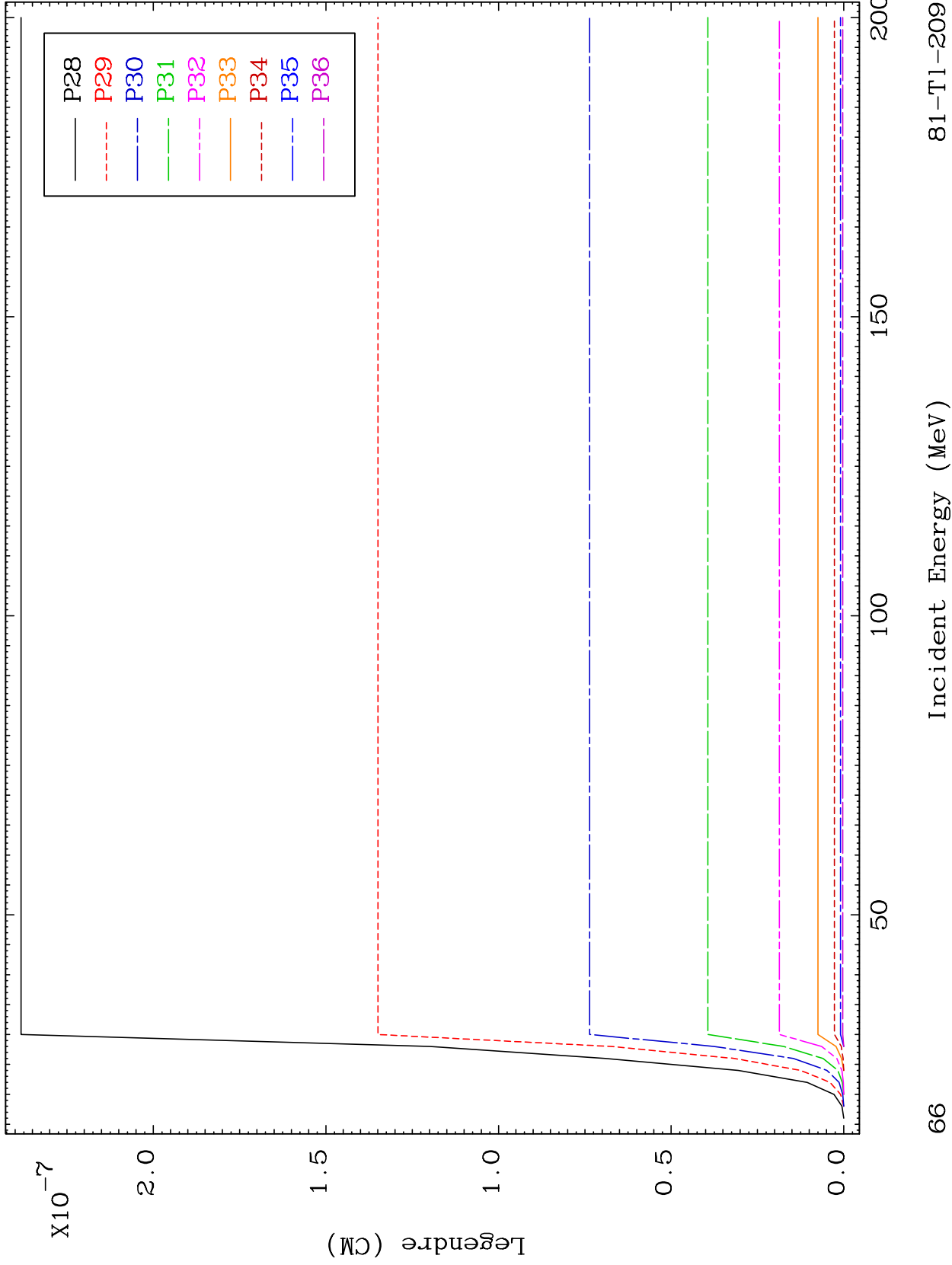
81-T1-209

MAT 8143

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

81-T1-209

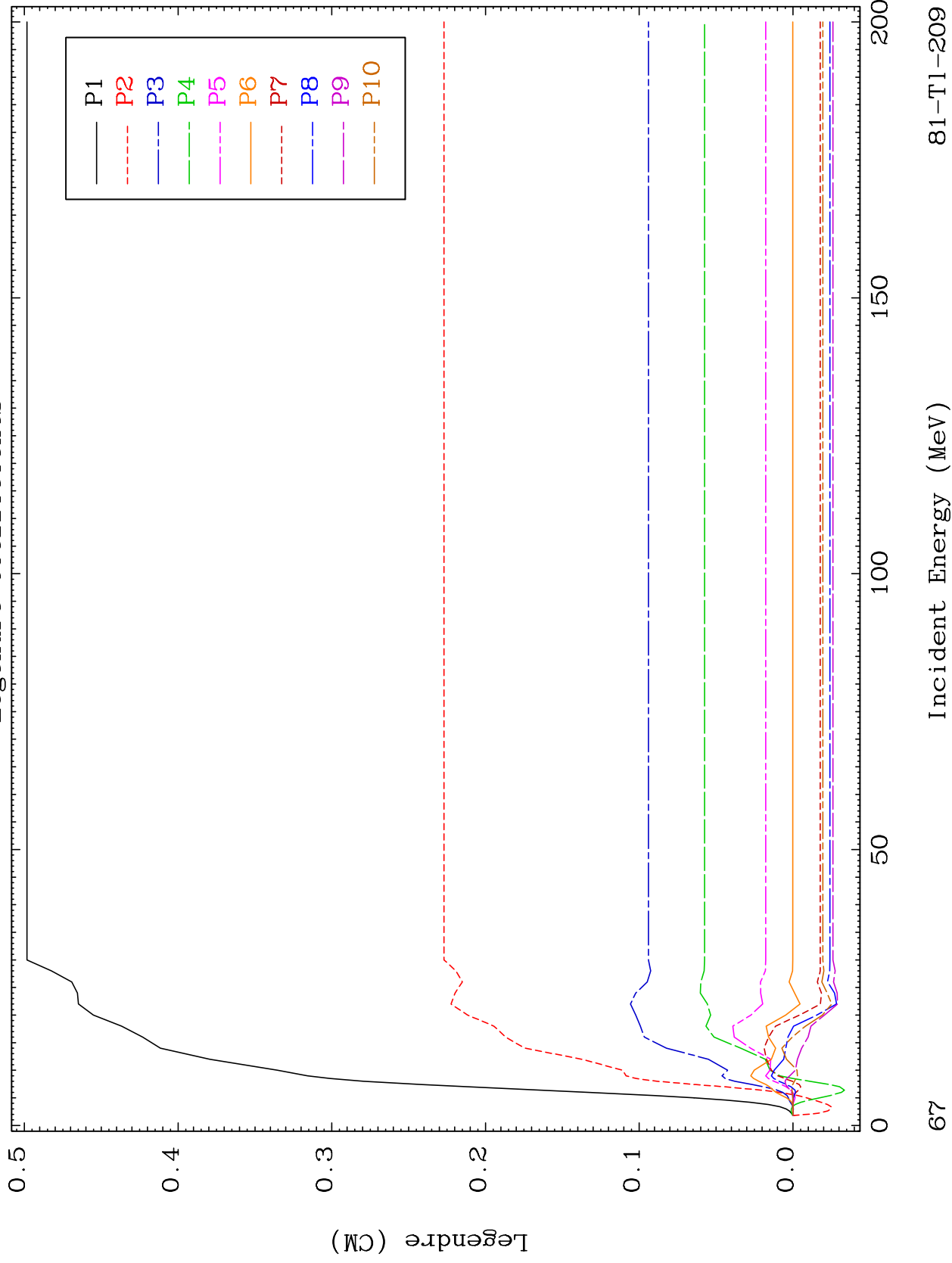




MAT 8143

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

81-T1-209



67

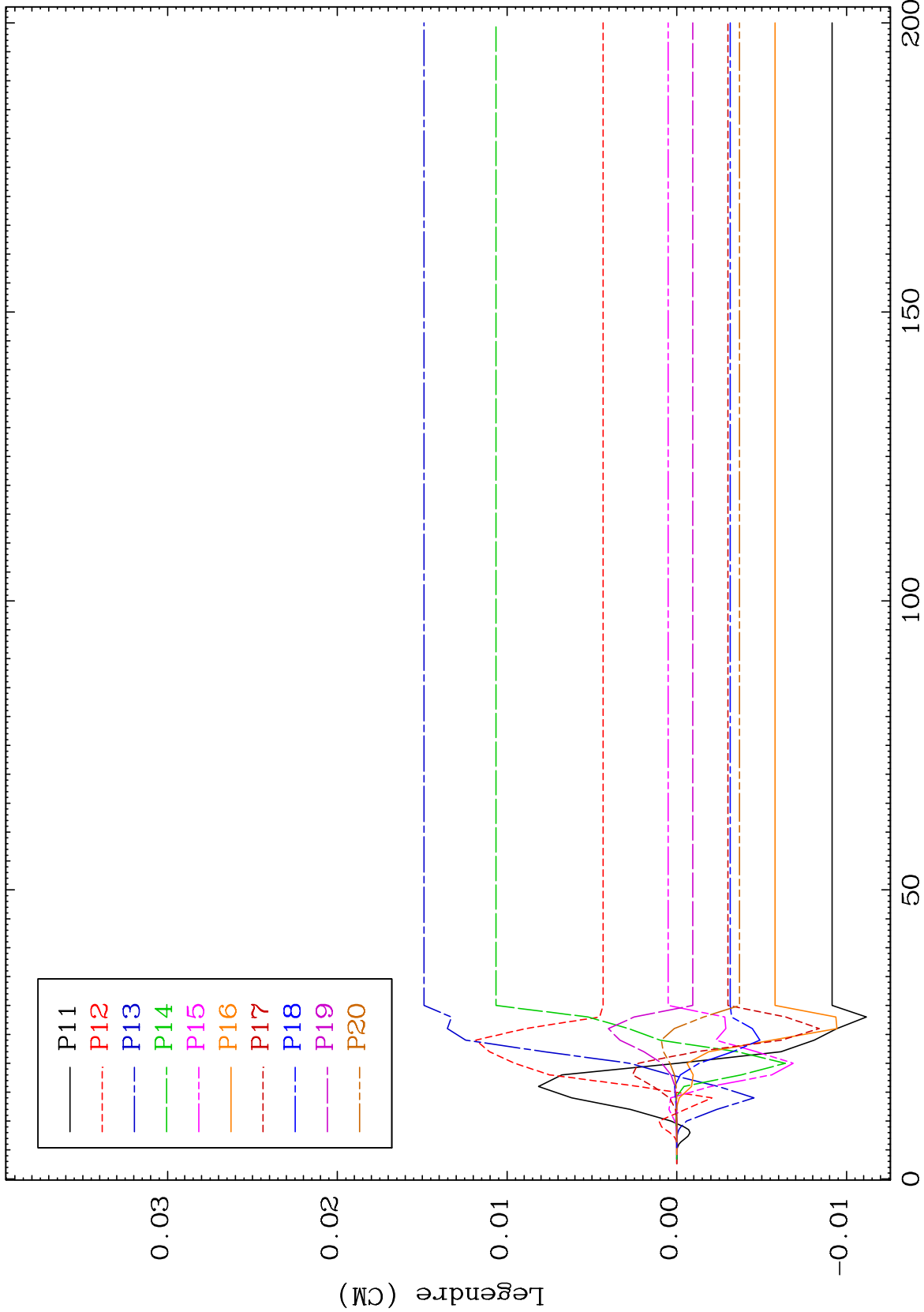
Incident Energy (MeV)

81-T1-209

MAT 8143

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

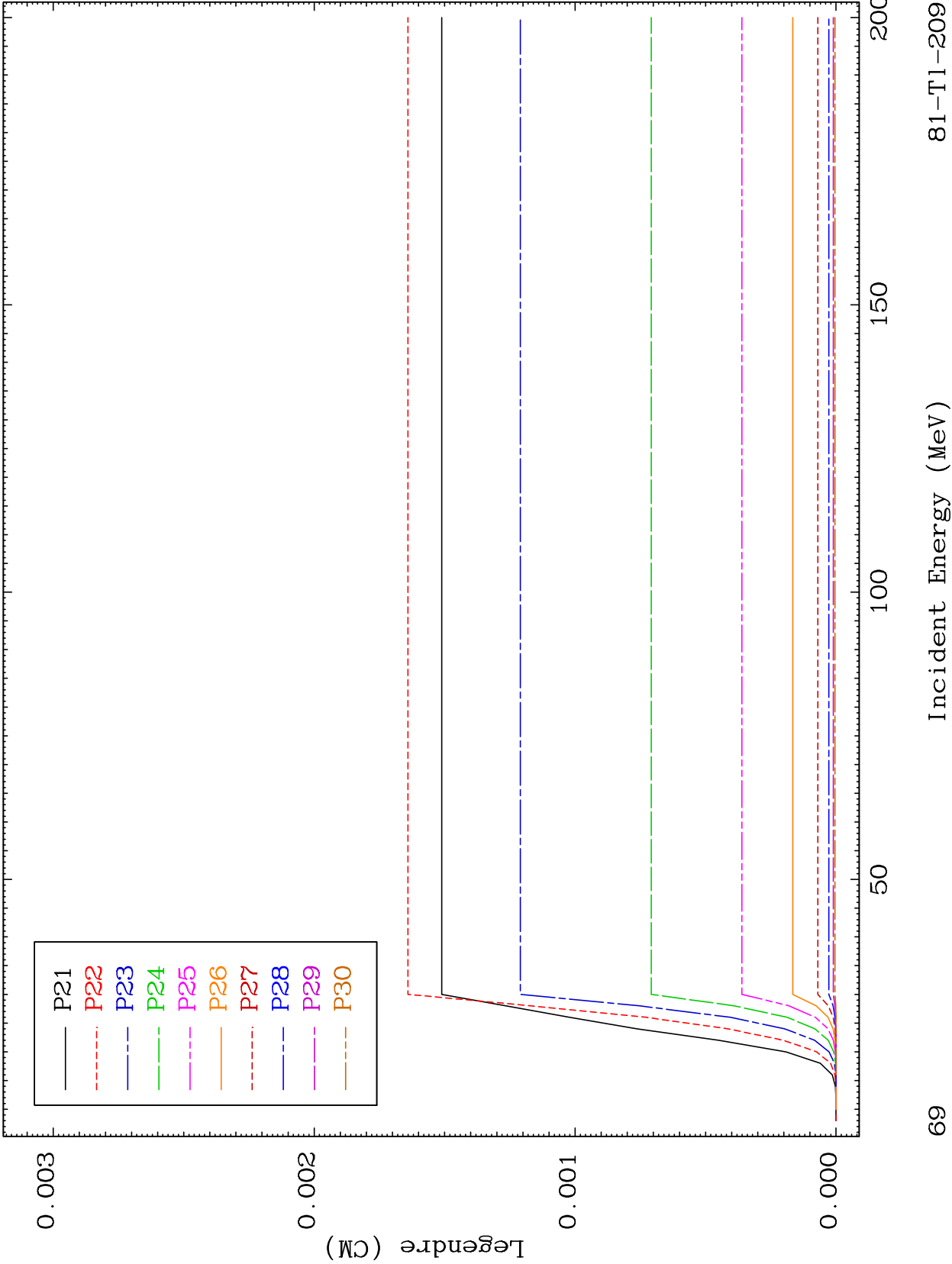
81-T1-209



68

Incident Energy (MeV)

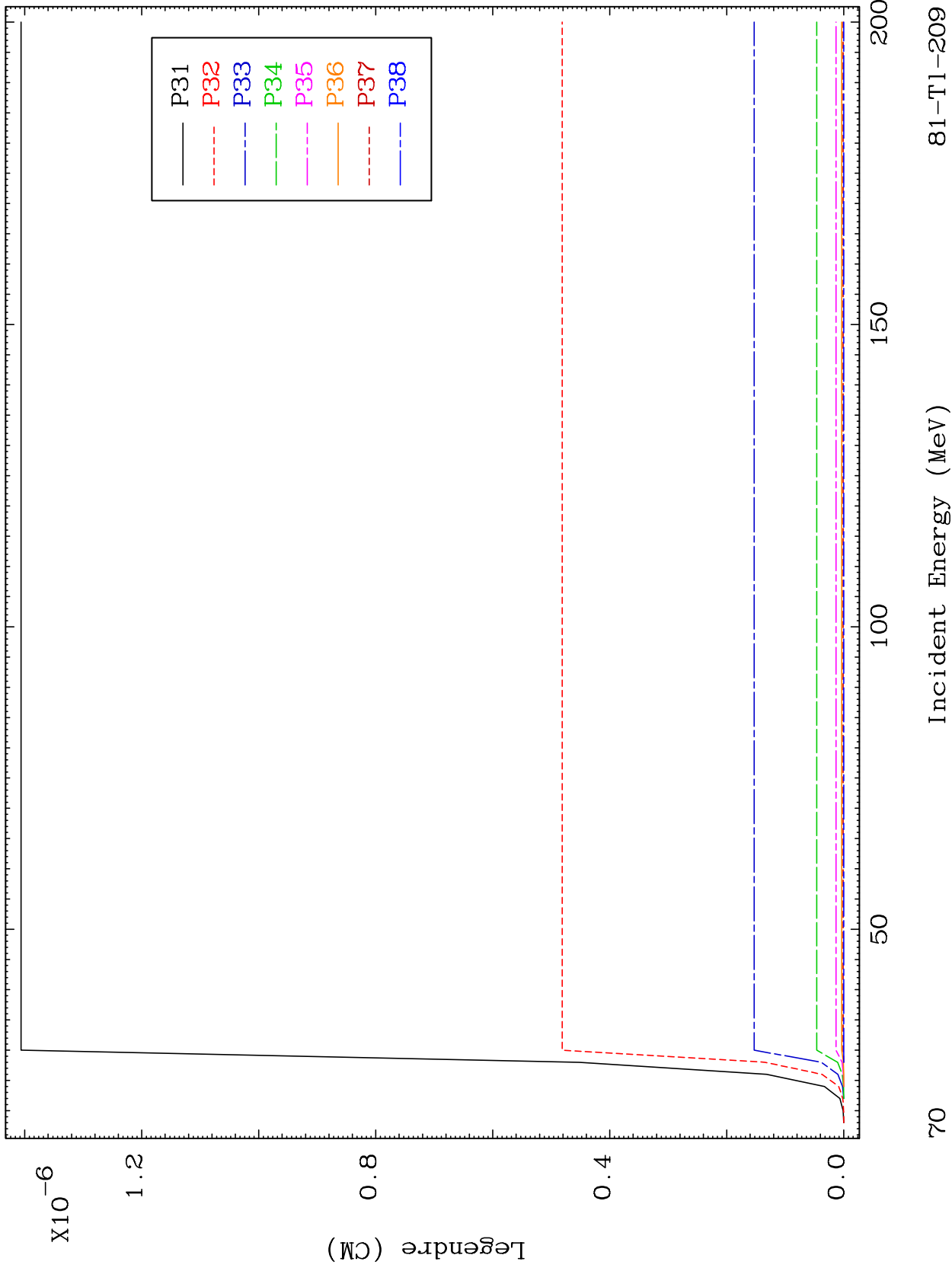
81-T1-209



MAT 8143

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

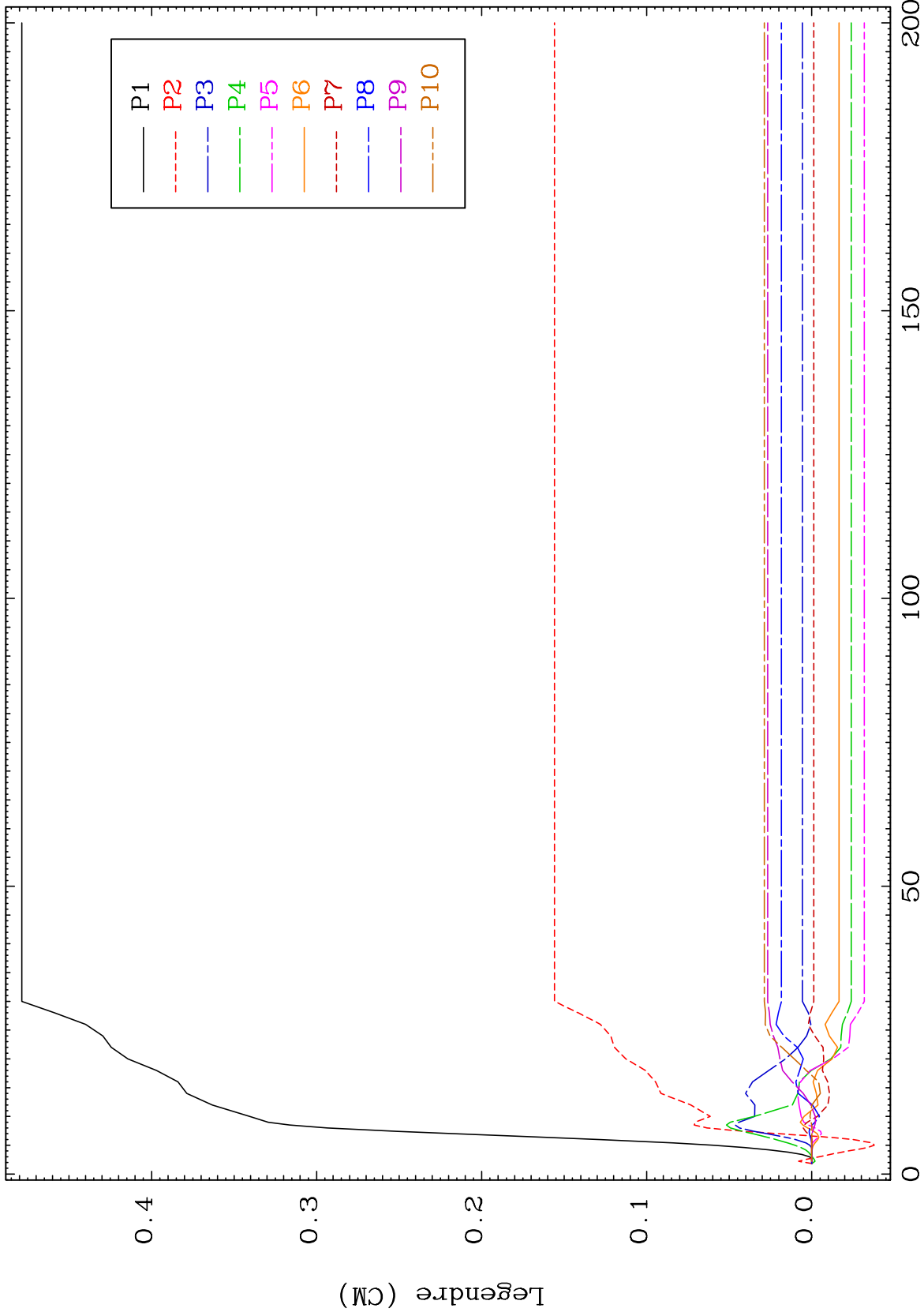
81-T1-209



MAT 8143

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

81-T1-209



71

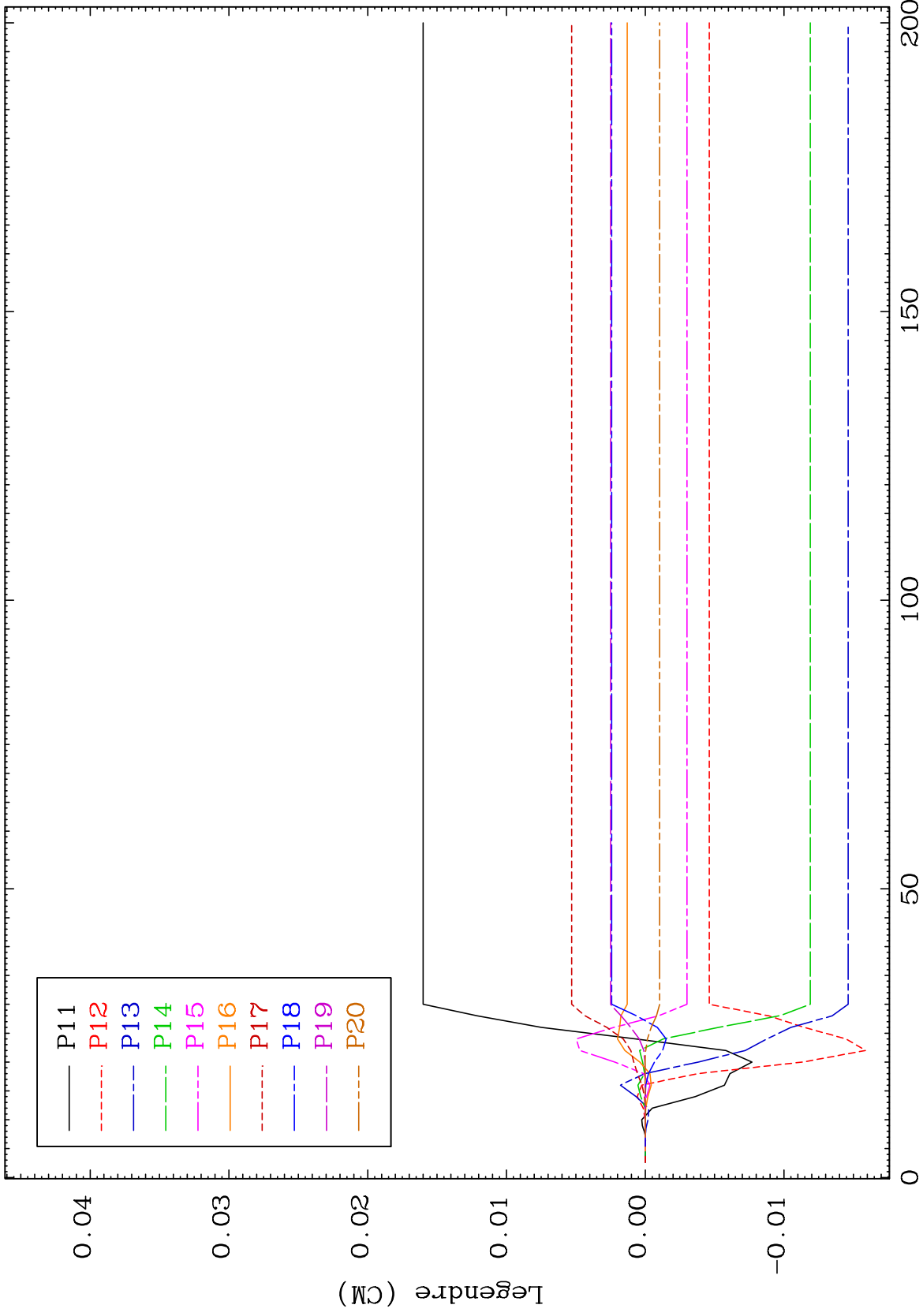
Incident Energy (MeV)

81-T1-209

MAT 8143

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

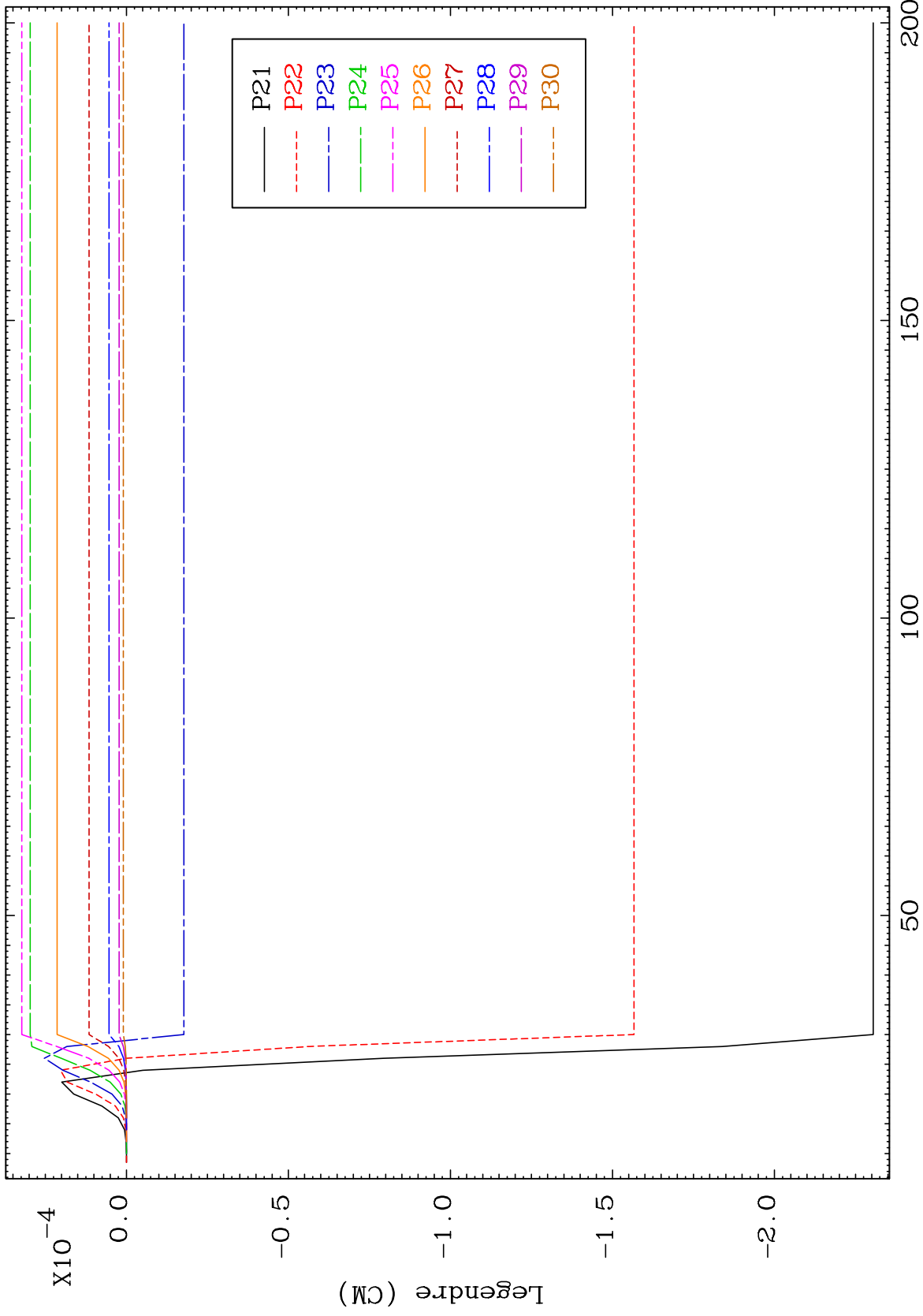
81-T1-209



72

Incident Energy (MeV)

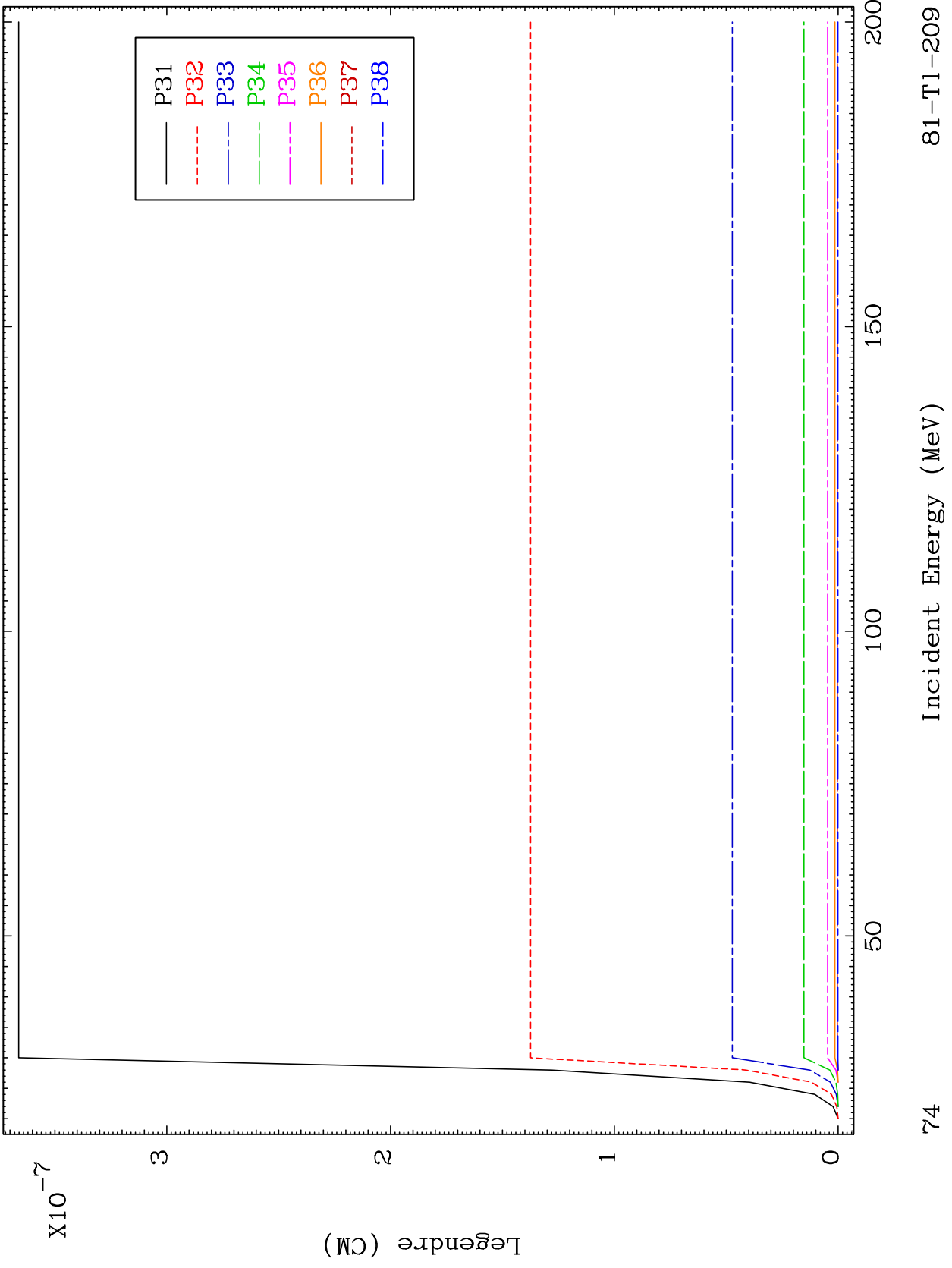
81-T1-209



MAT 8143

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

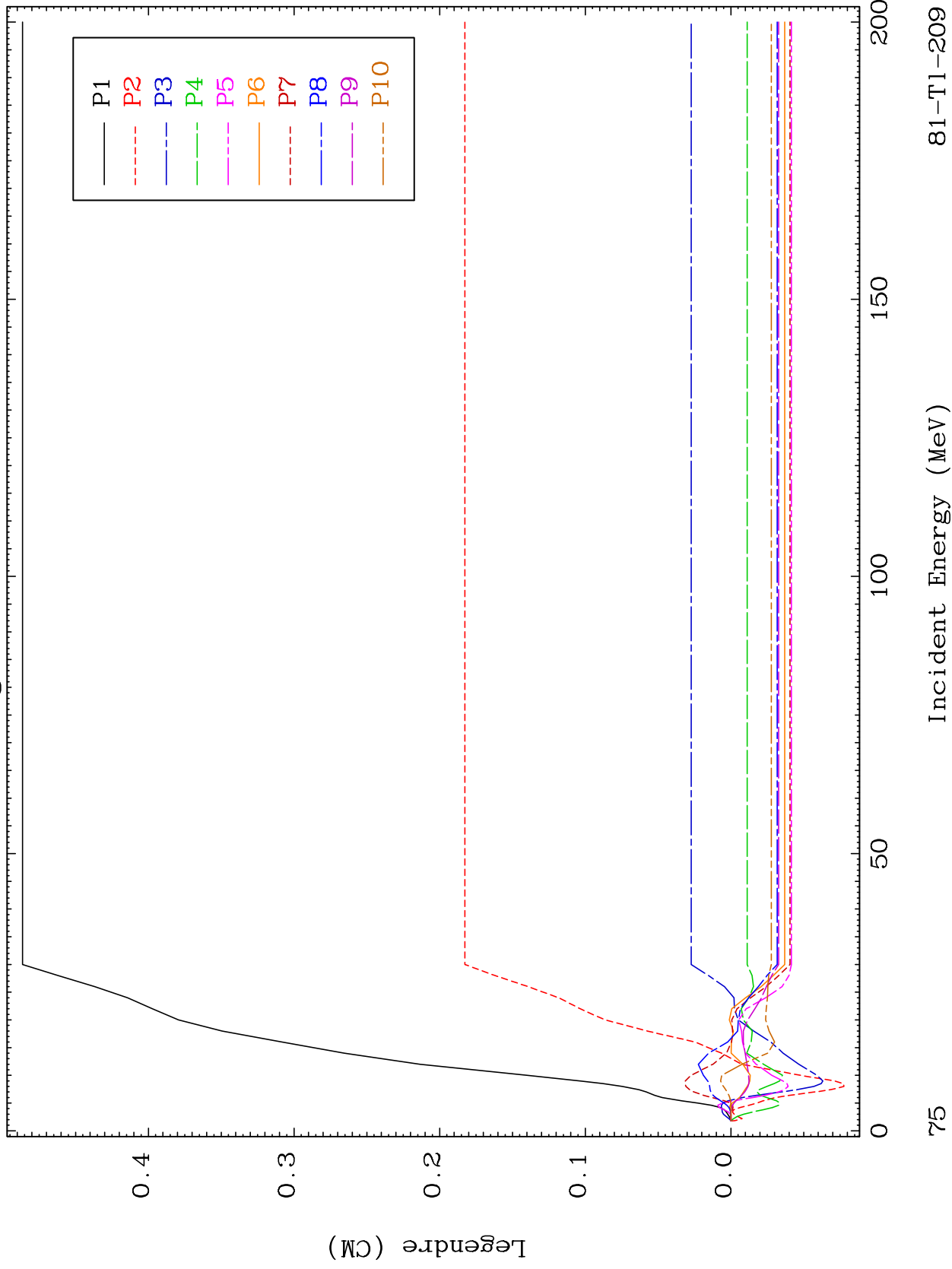
81-T1-209



MAT 8143

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

81-Tl-209



81-Tl-209

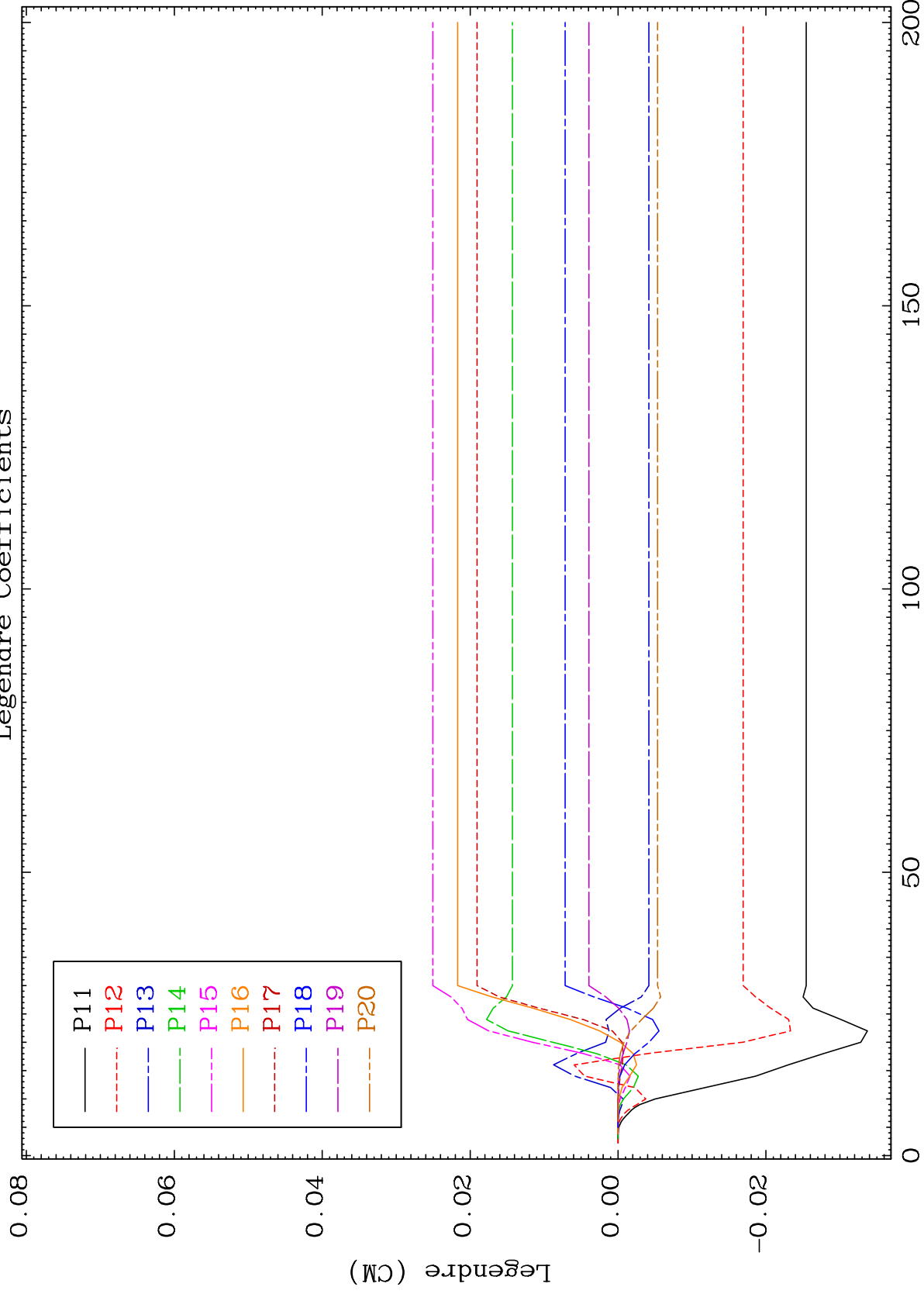
Incident Energy (MeV)

75

MAT 8143

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

81-T1-209



76

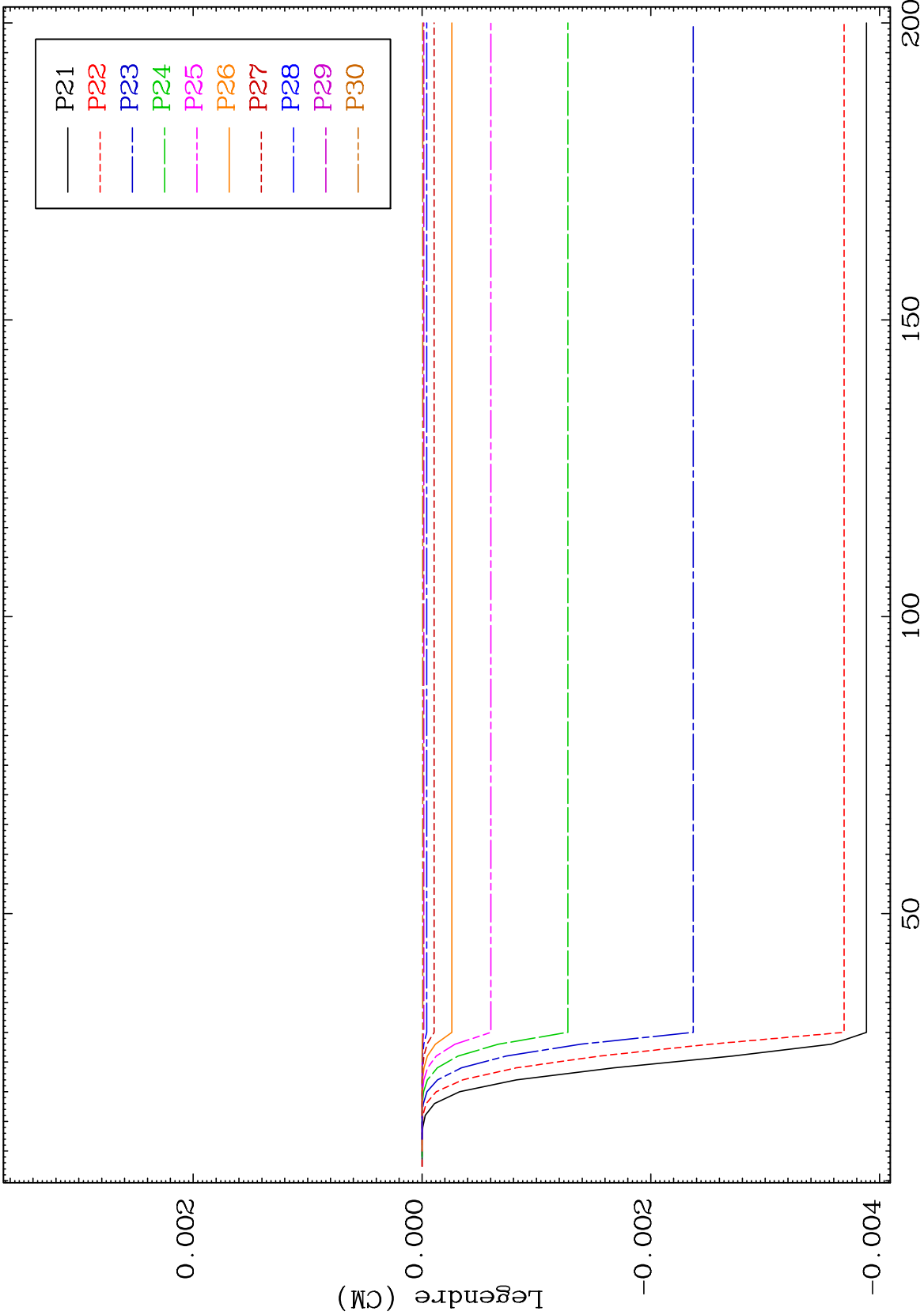
Incident Energy (MeV)

81-T1-209

MAT 8143

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

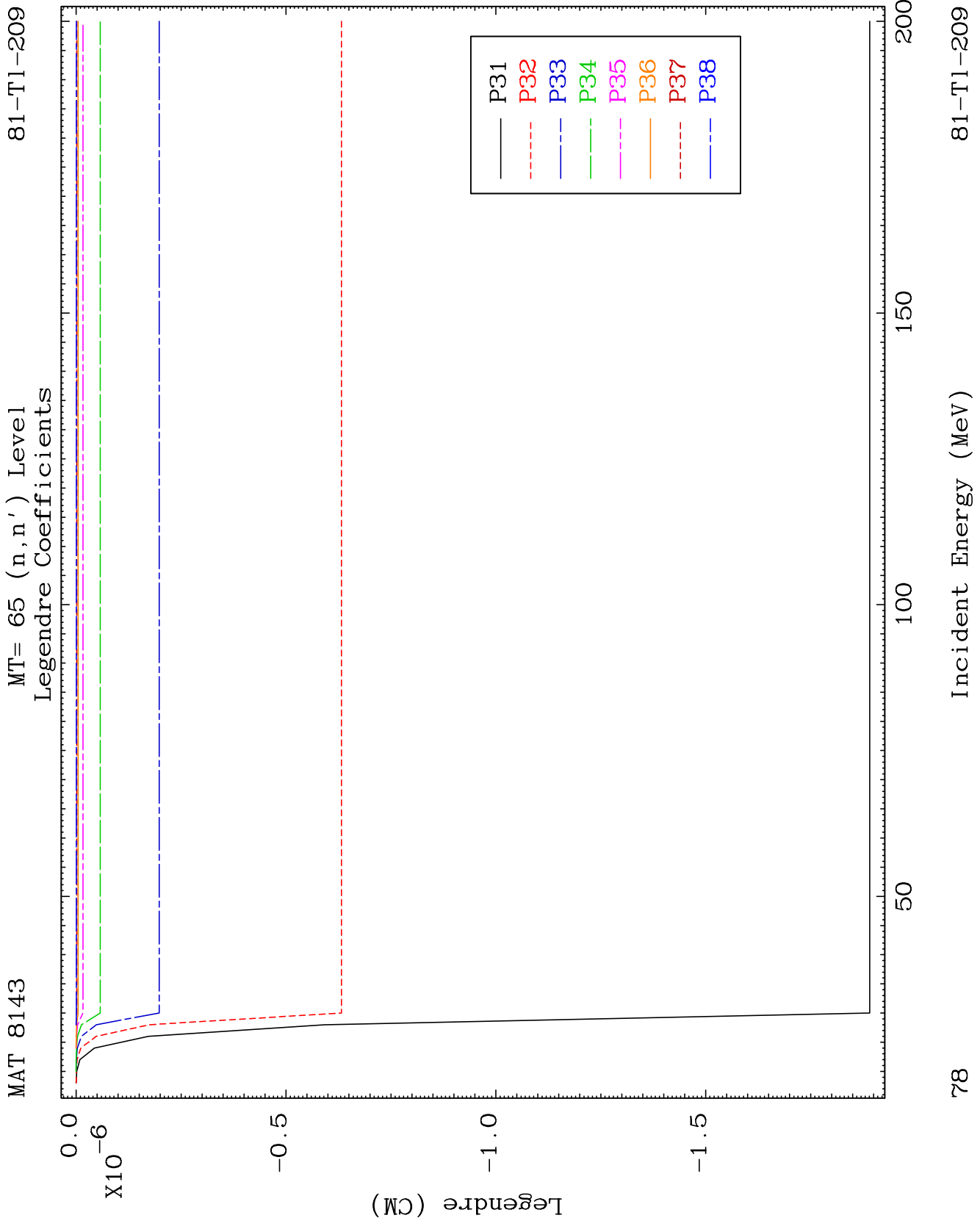
81-T1-209



77

Incident Energy (MeV)

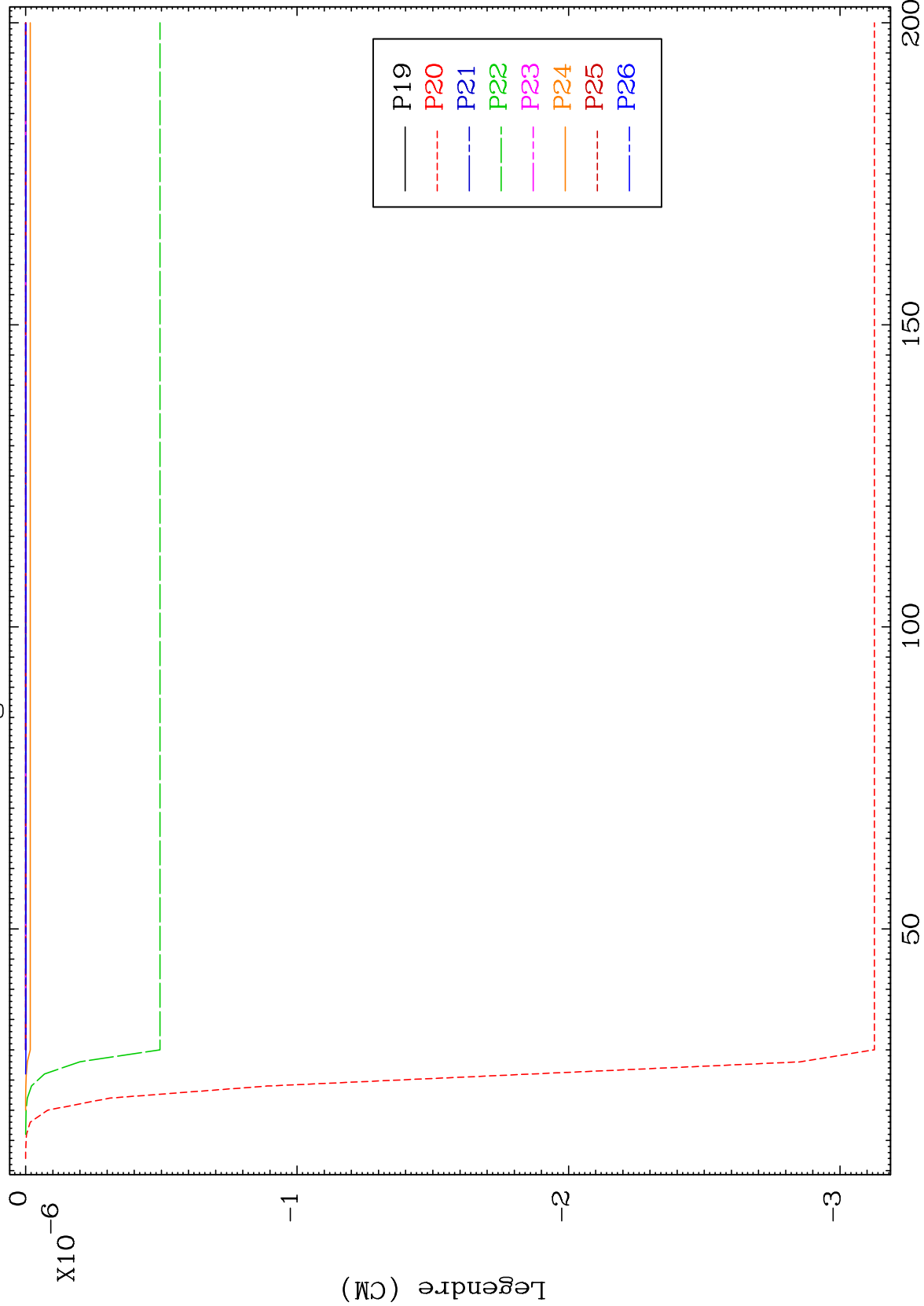
81-T1-209



MAT 8143

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

81-T1-209



81

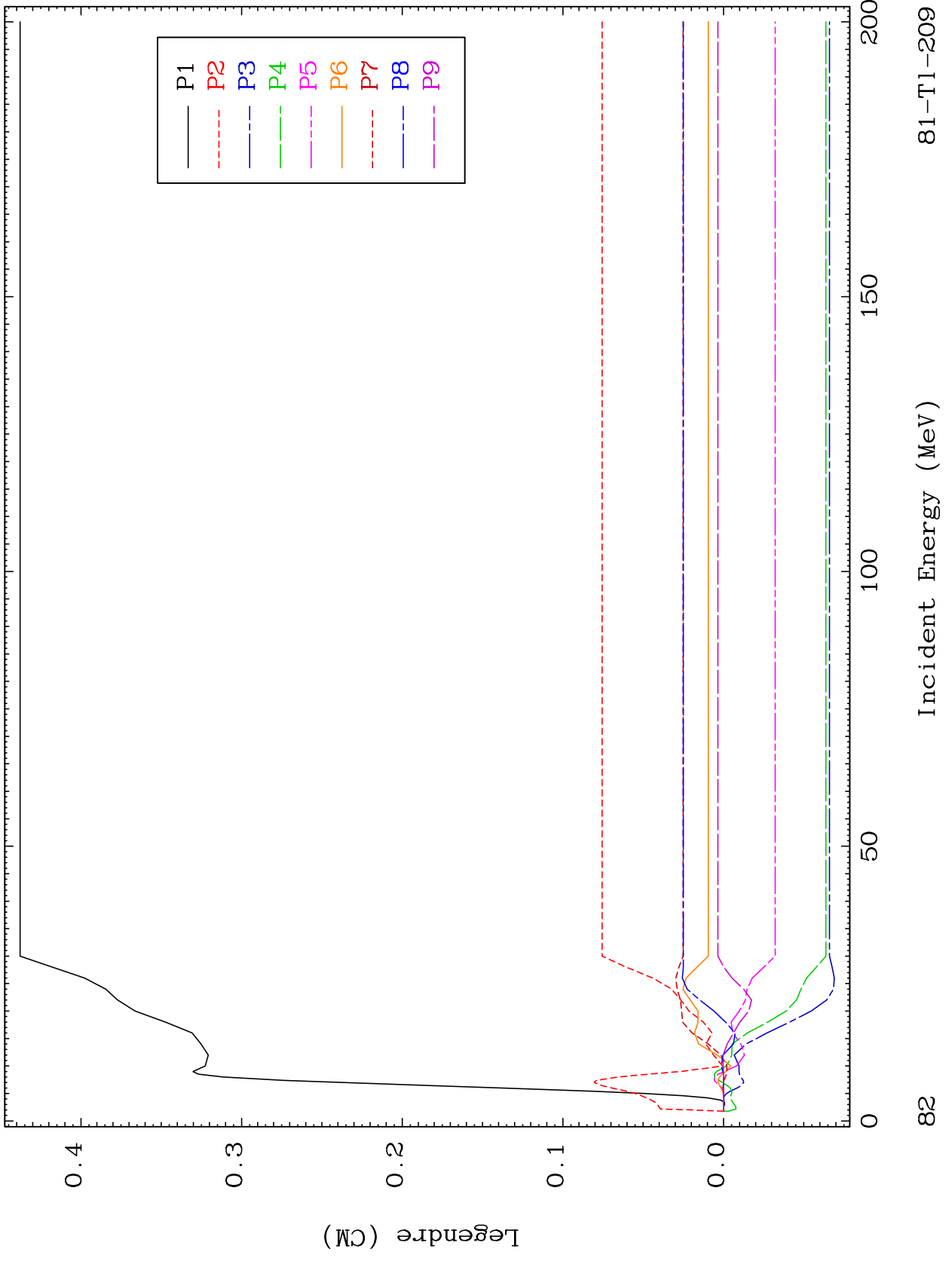
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



81-T1-209

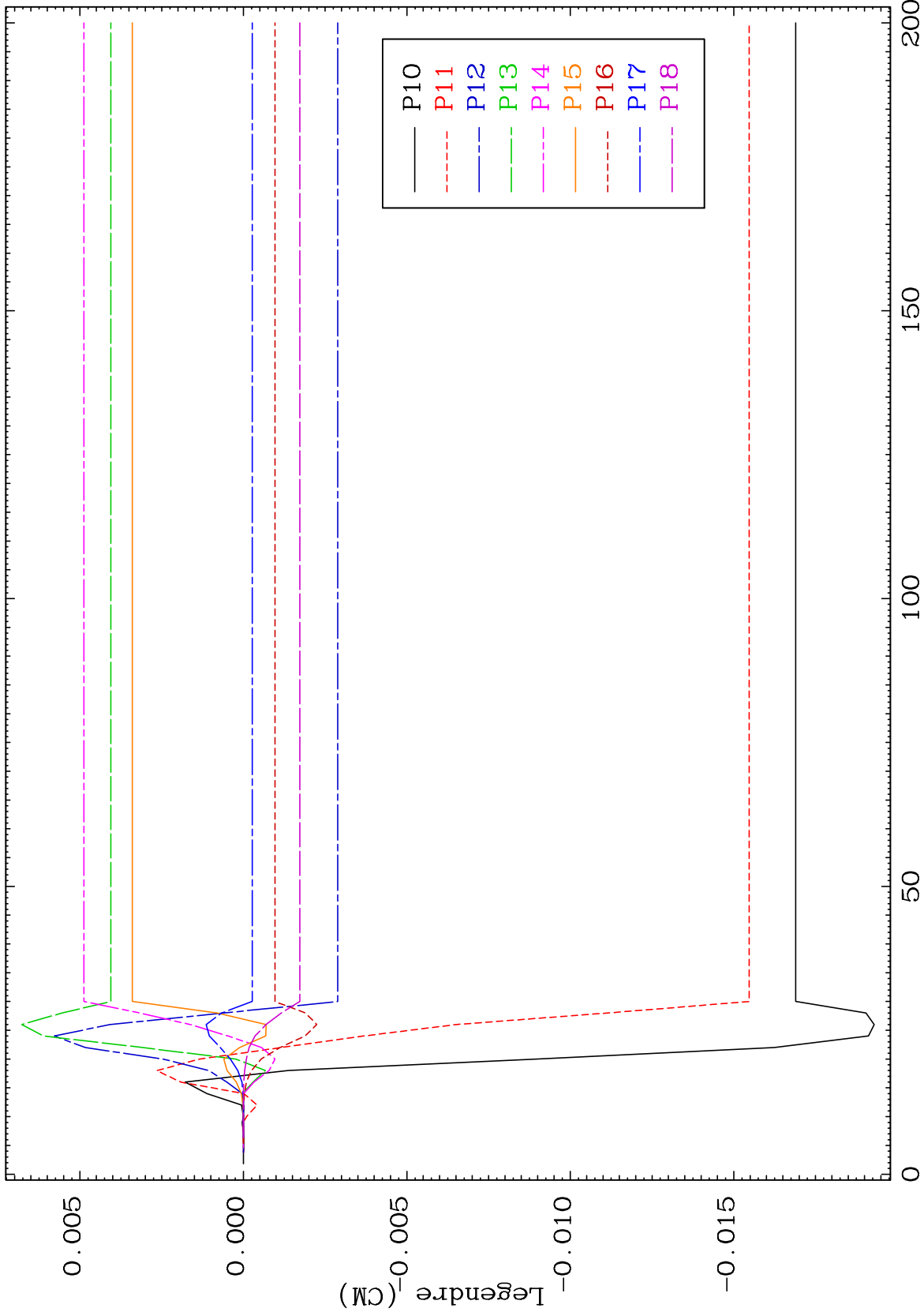
Incident Energy (MeV)

82

MAT 8143

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

81-Tl-209



83

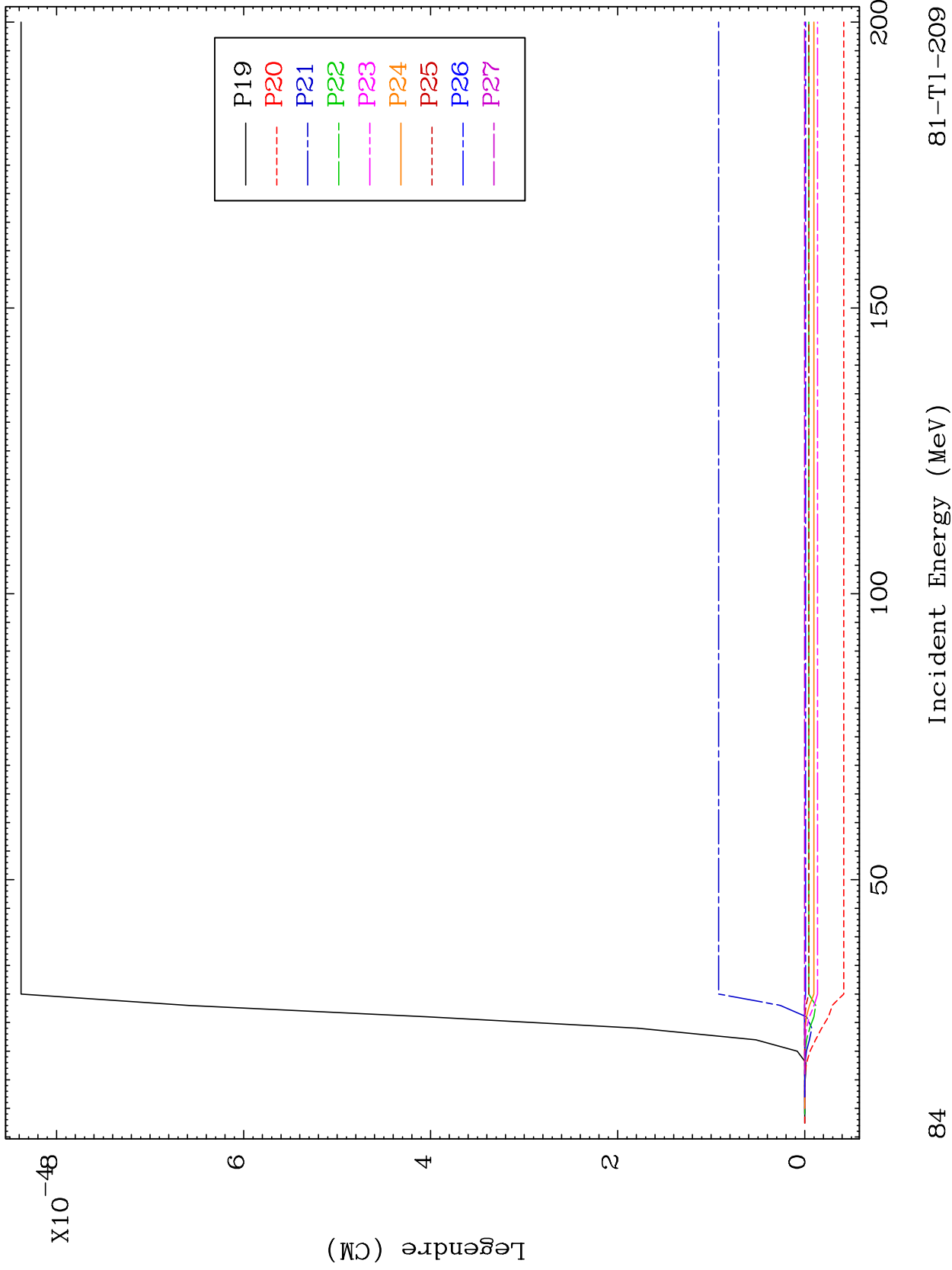
Incident Energy (MeV)

81-Tl-209

MAT 8143

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

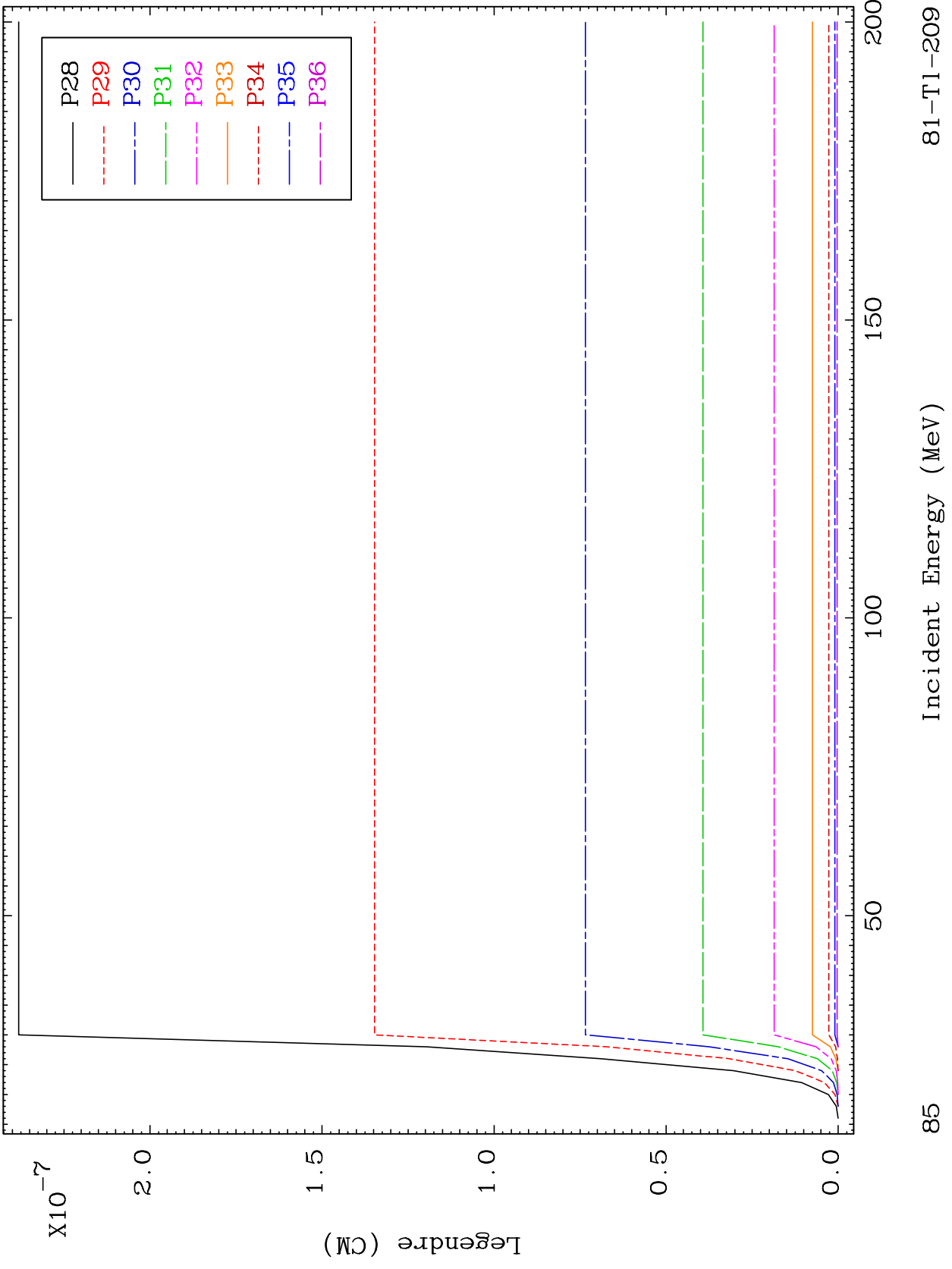
81-Tl-209



MAT 8143

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

81-T1-209



85

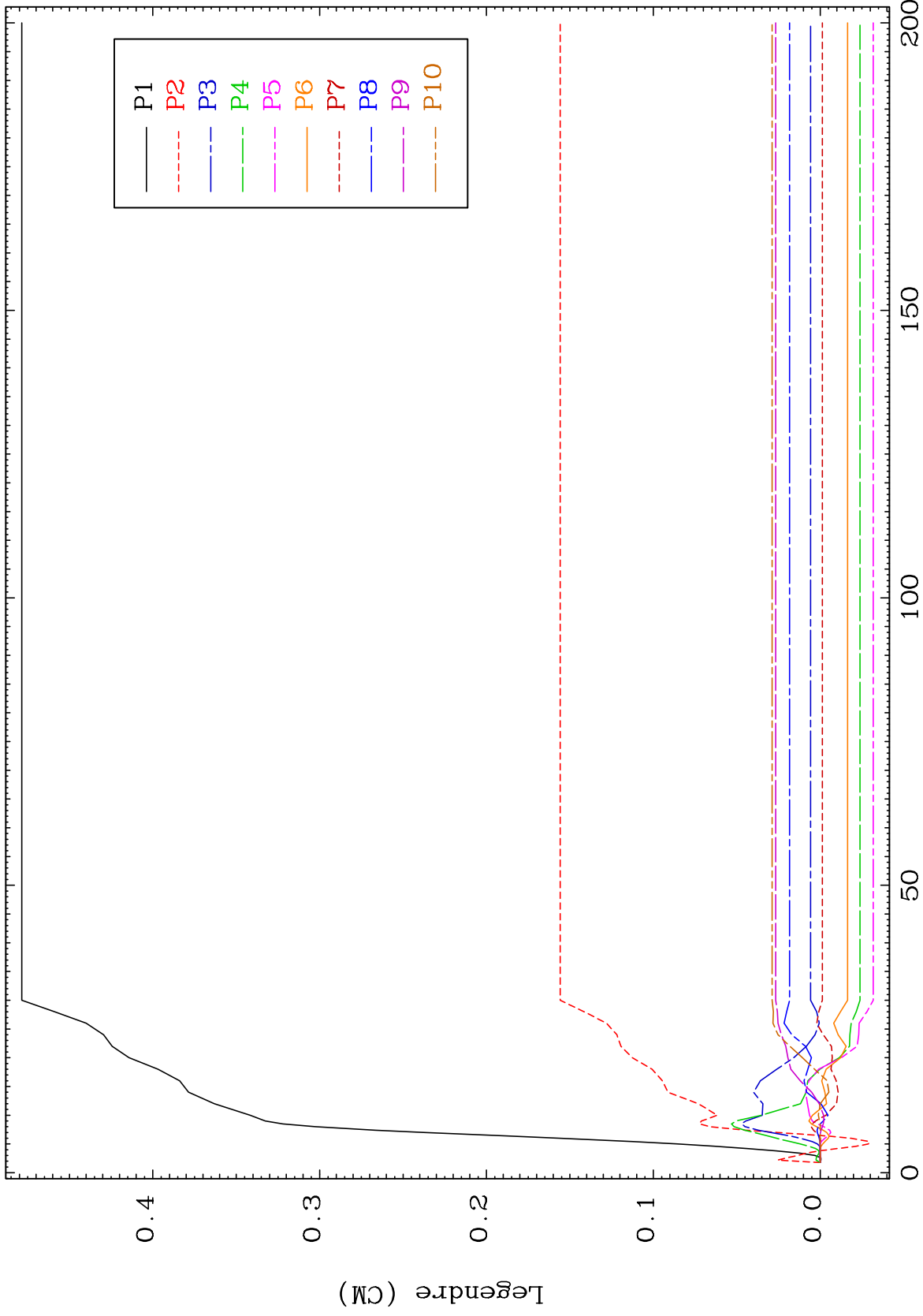
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



86

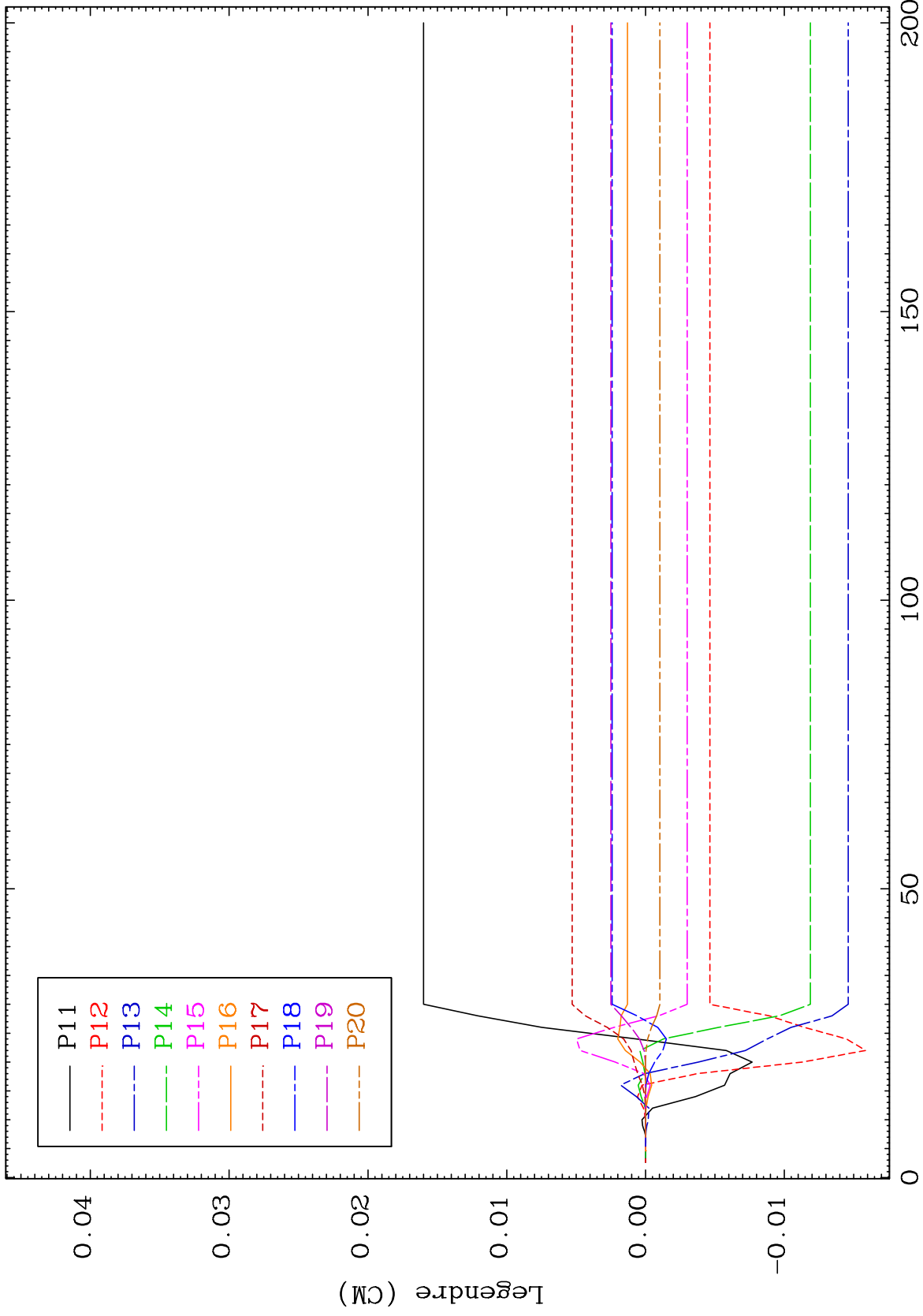
Incident Energy (MeV)

81-T1-209

MAT 8143

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

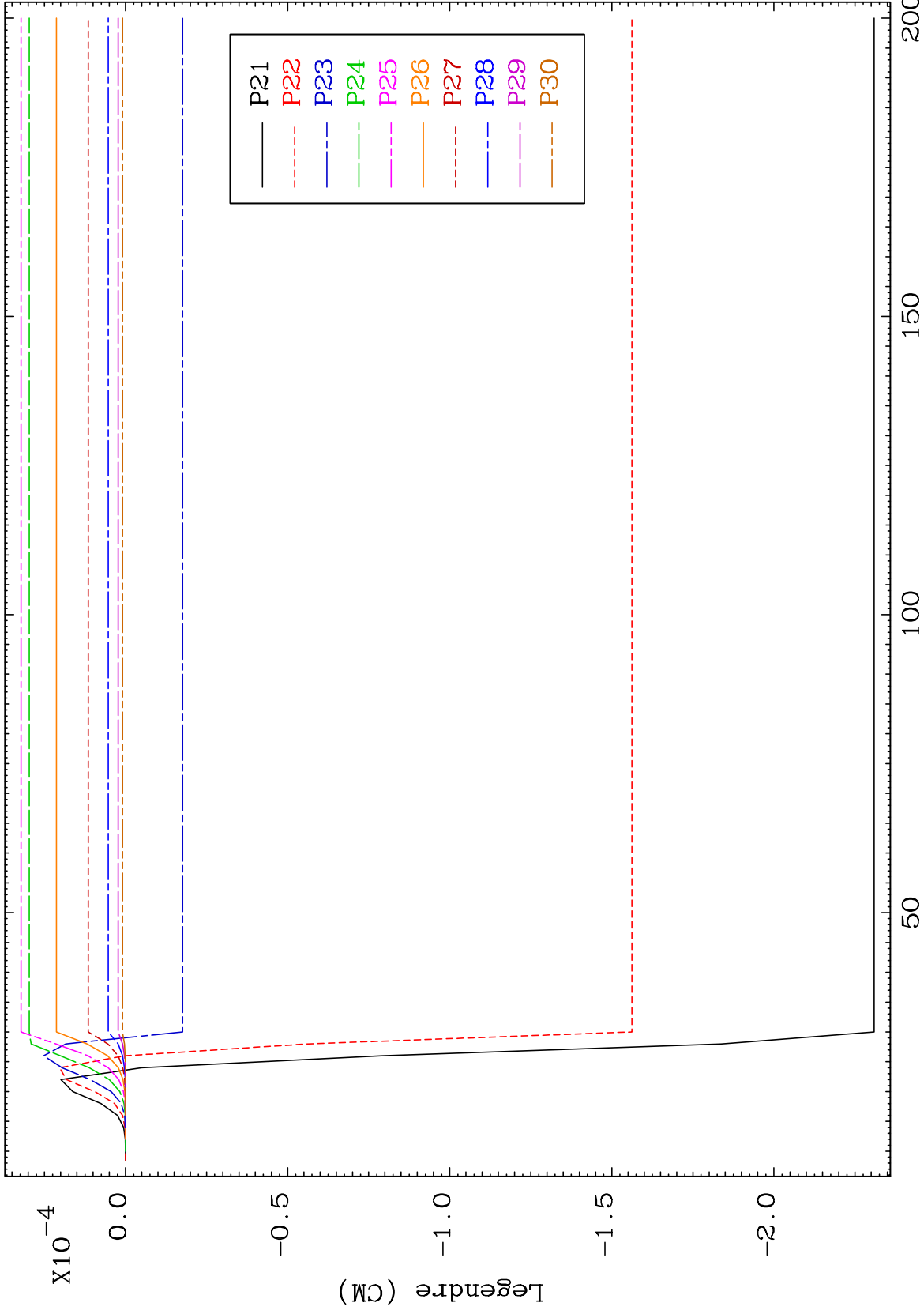
81-T1-209



87

Incident Energy (MeV)

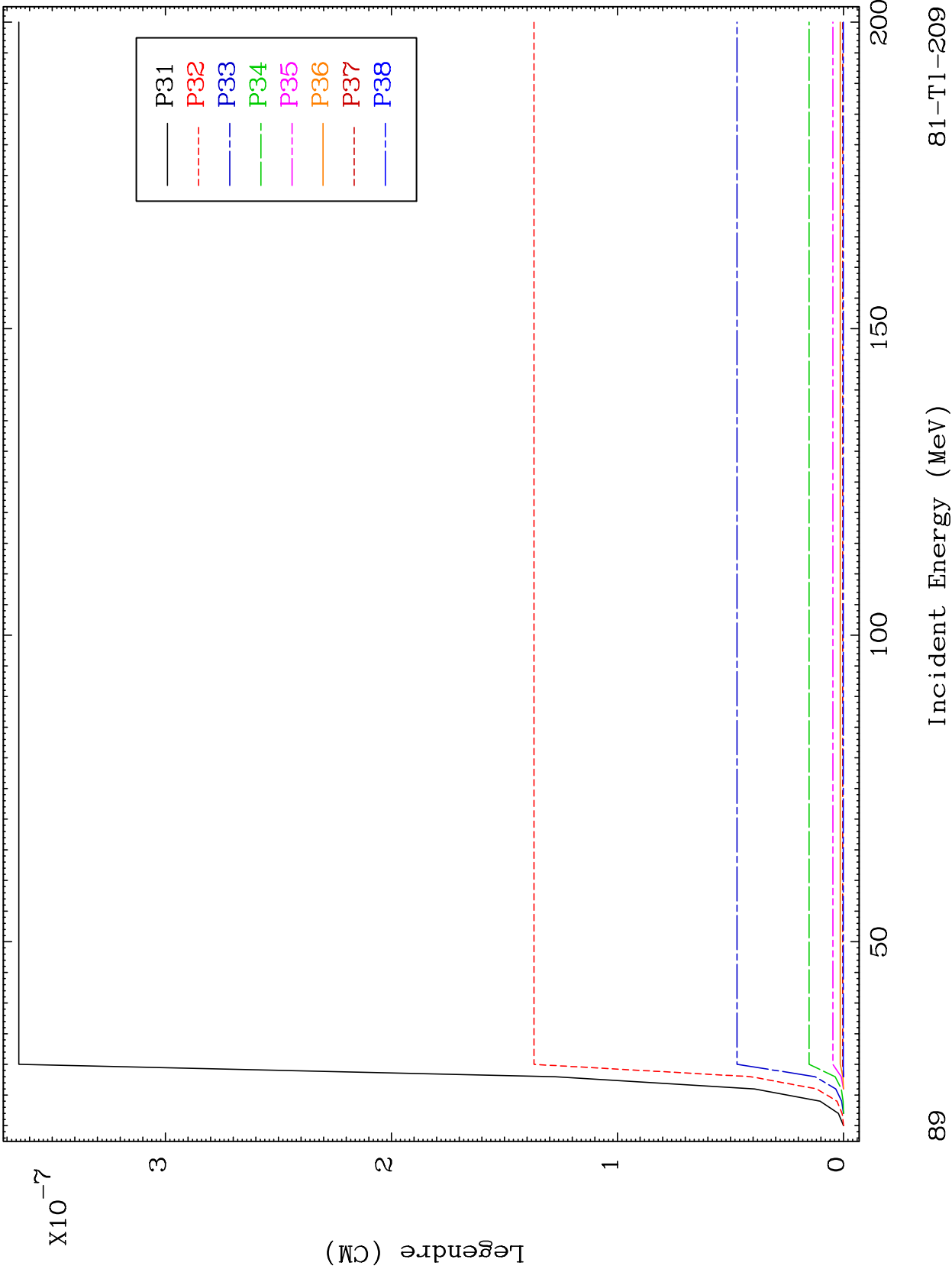
81-T1-209



MAT 8143

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

81-T1-209



89

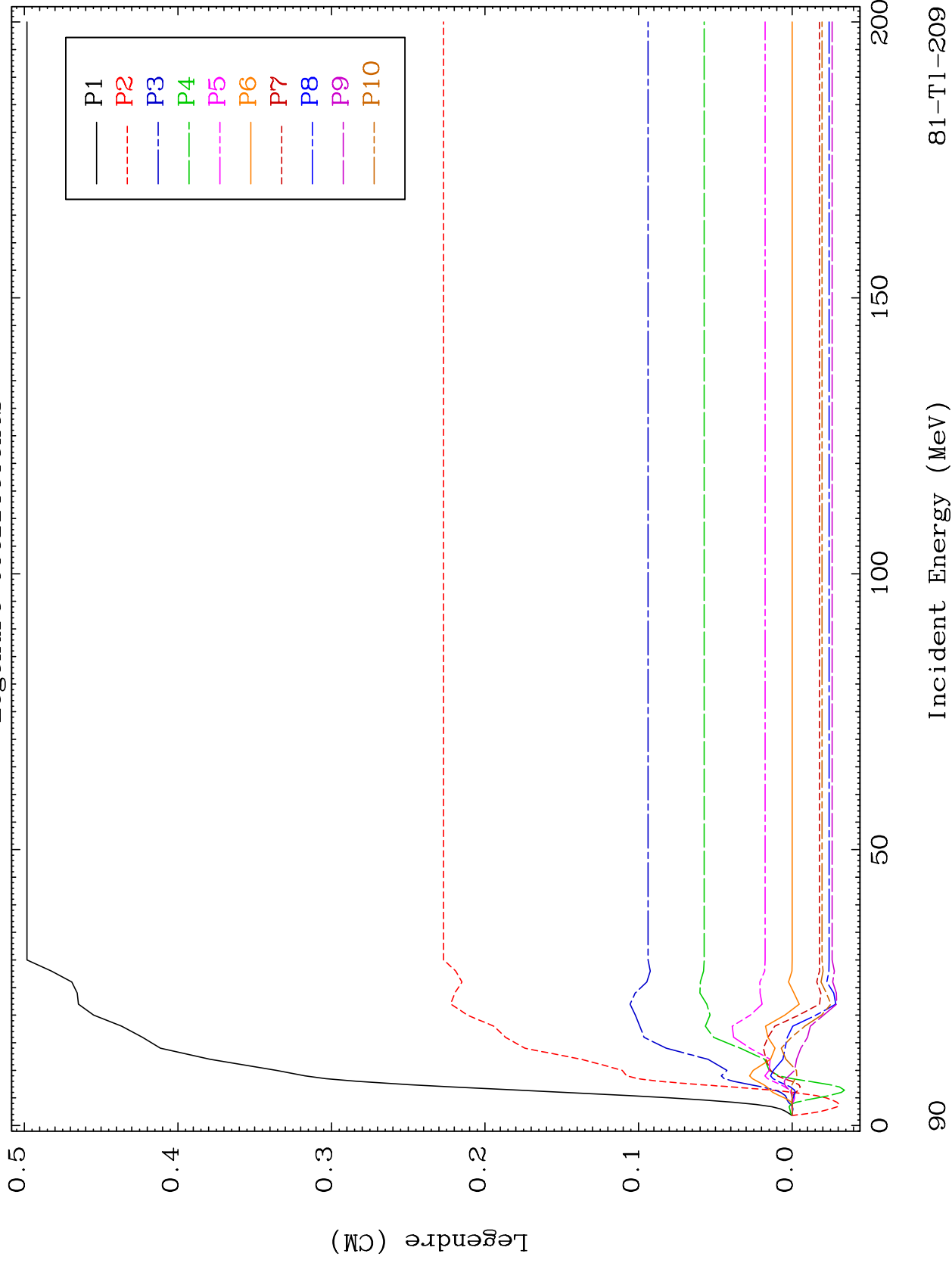
Incident Energy (MeV)

81-T1-209

MAT 8143

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

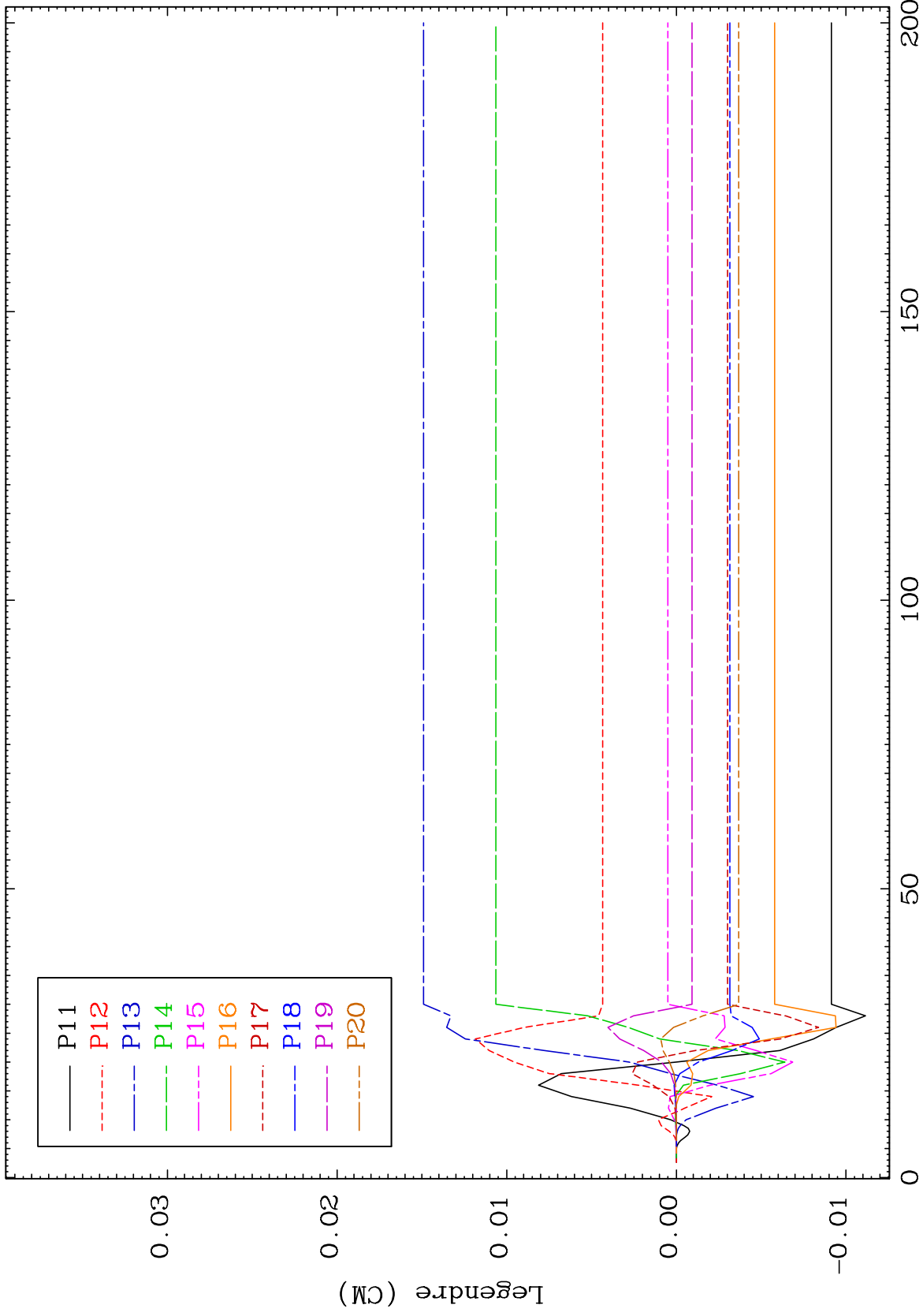
81-T1-209



MAT 8143

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

81-T1-209



91

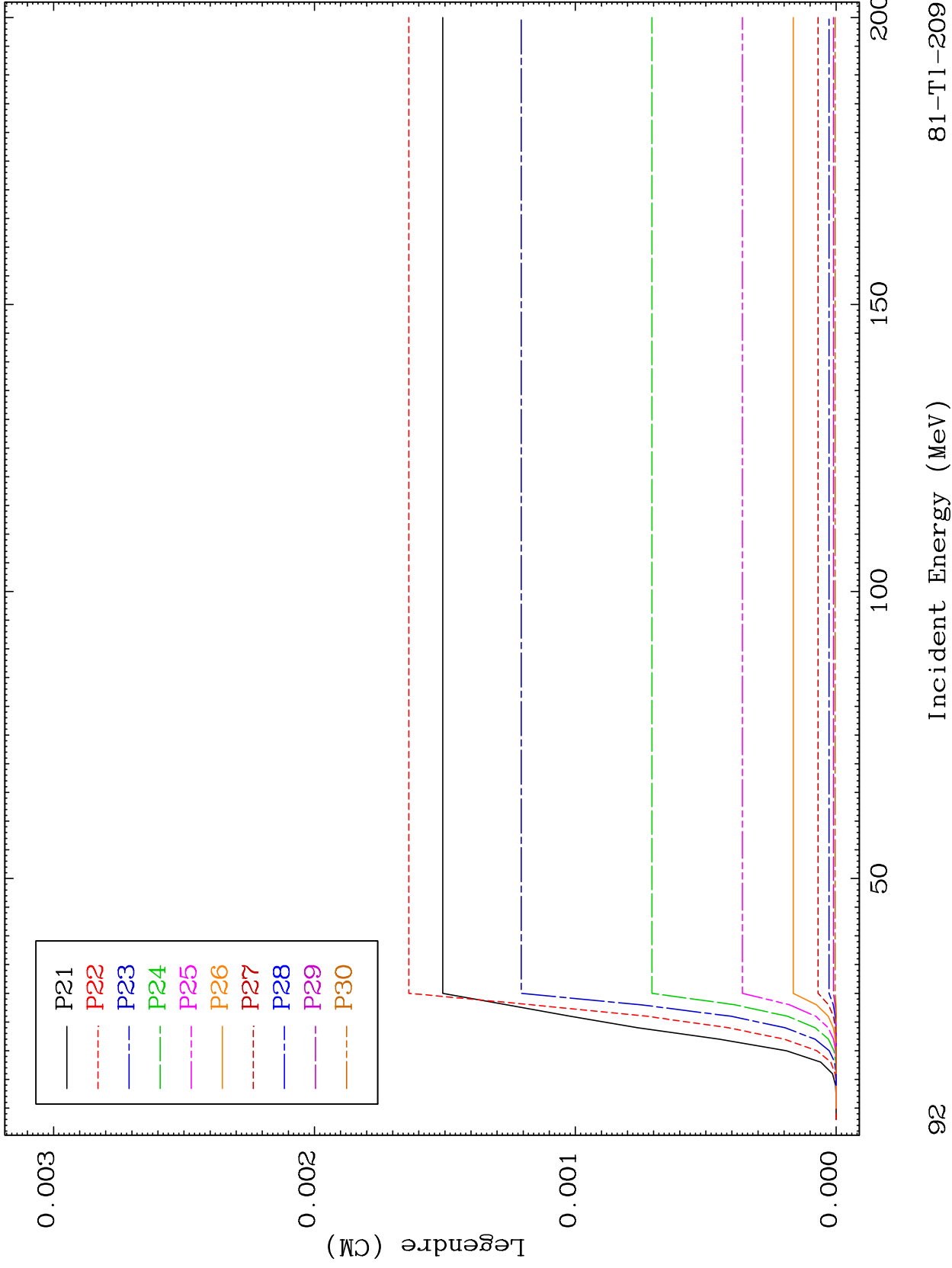
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



92

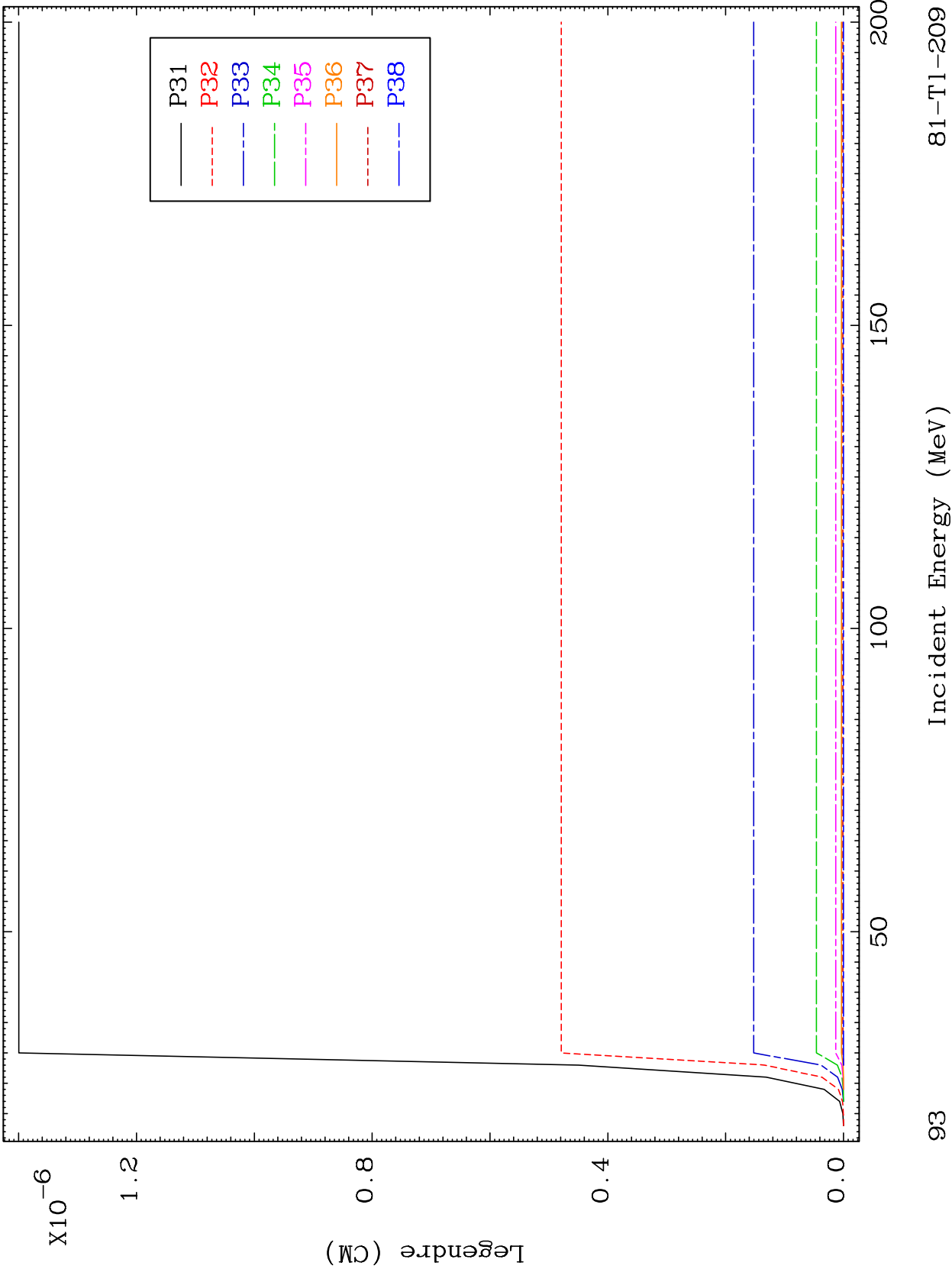
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



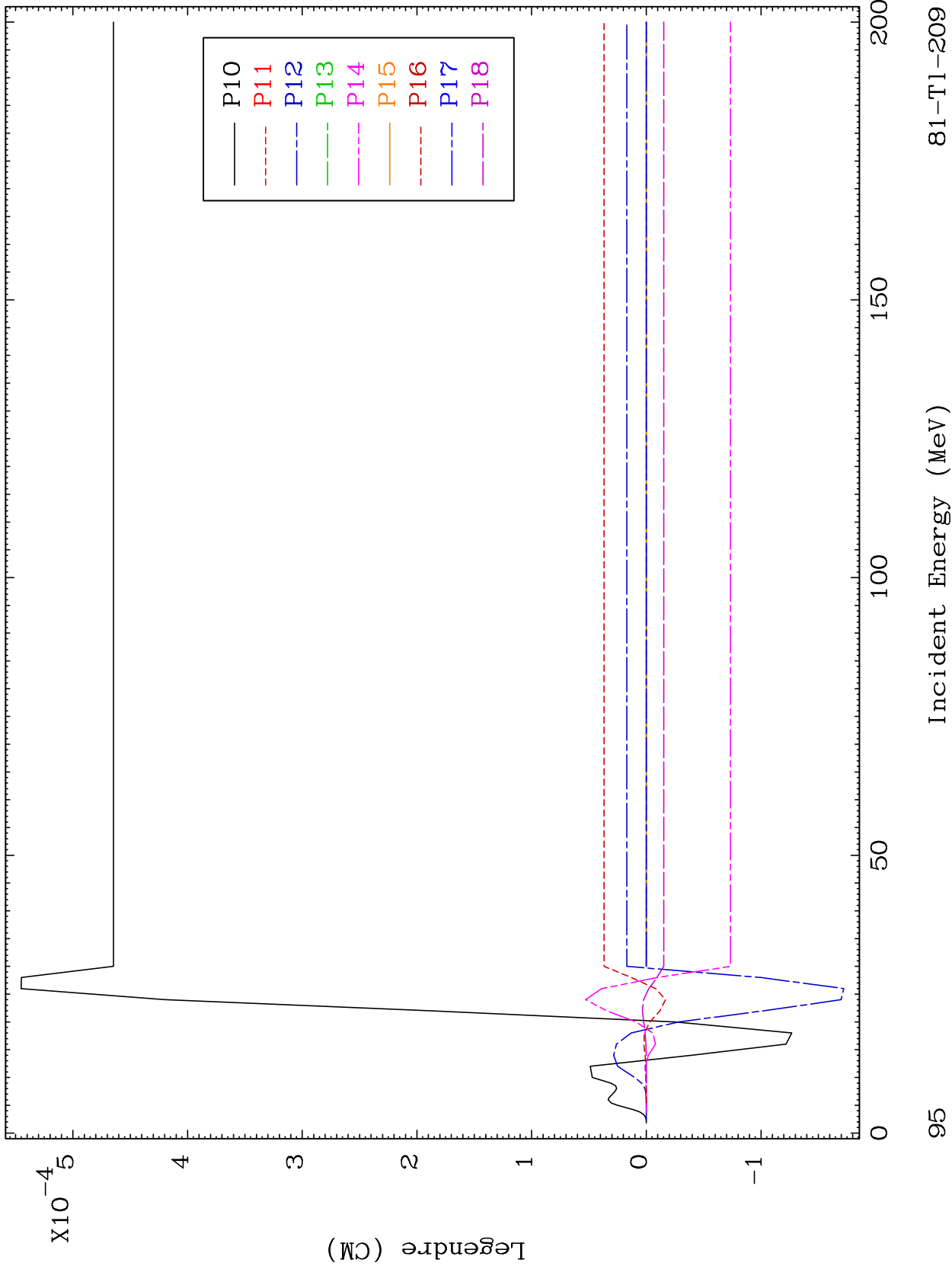
93

81-T1-209

MAT 8143

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

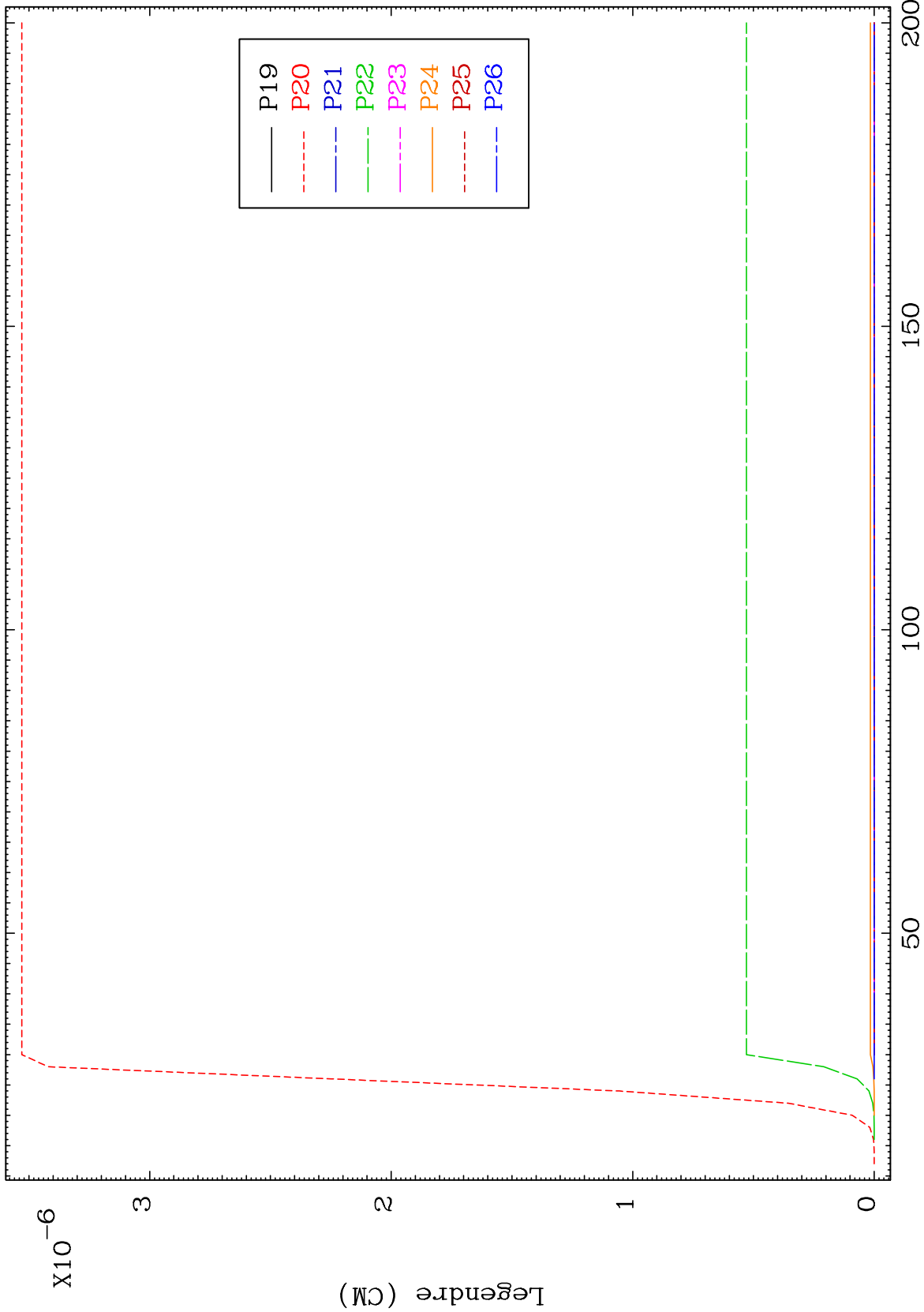
81-T1-209



MAT 8143

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

81-T1-209



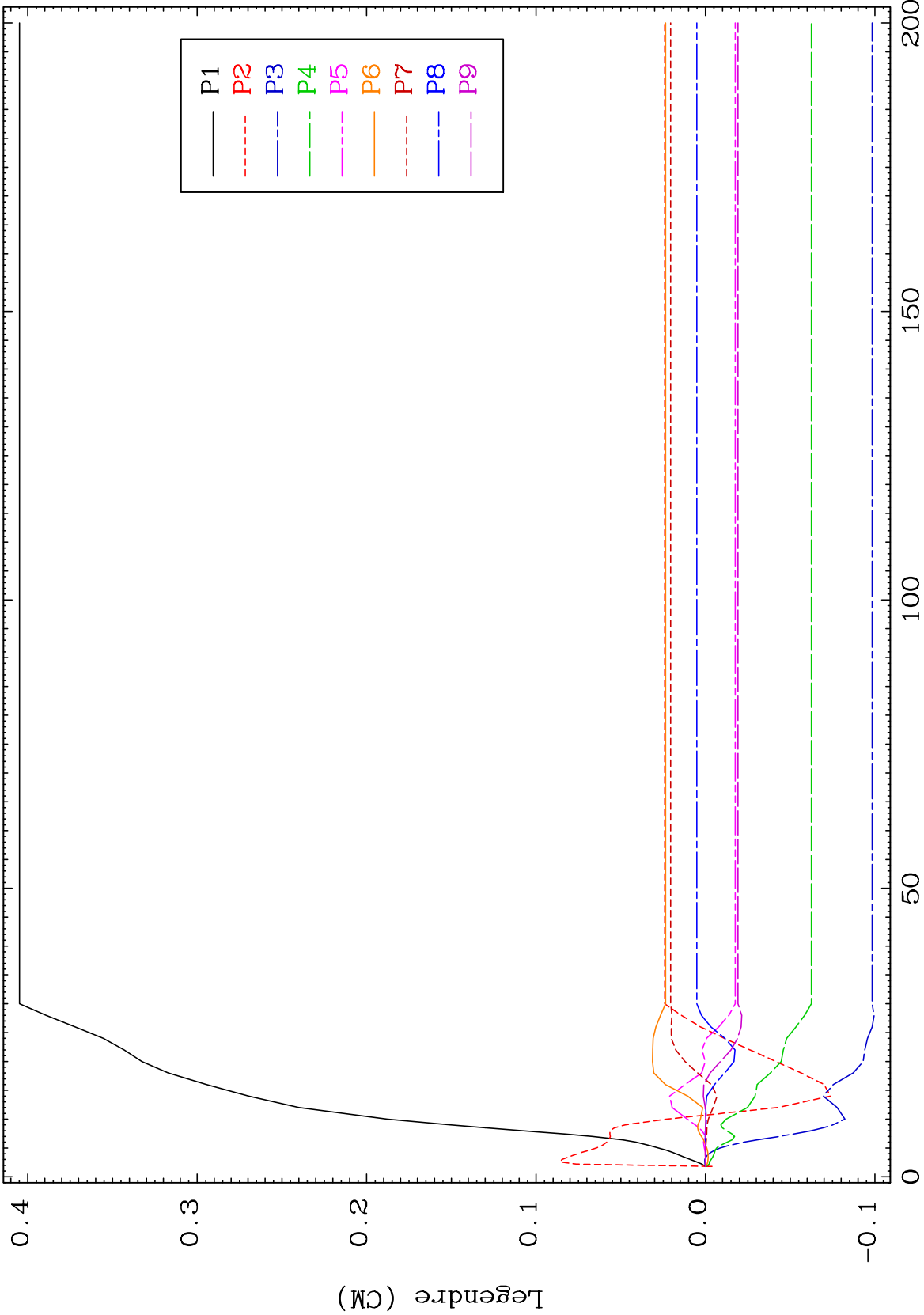
96

81-T1-209

MAT 8143

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

81-T1-209



97

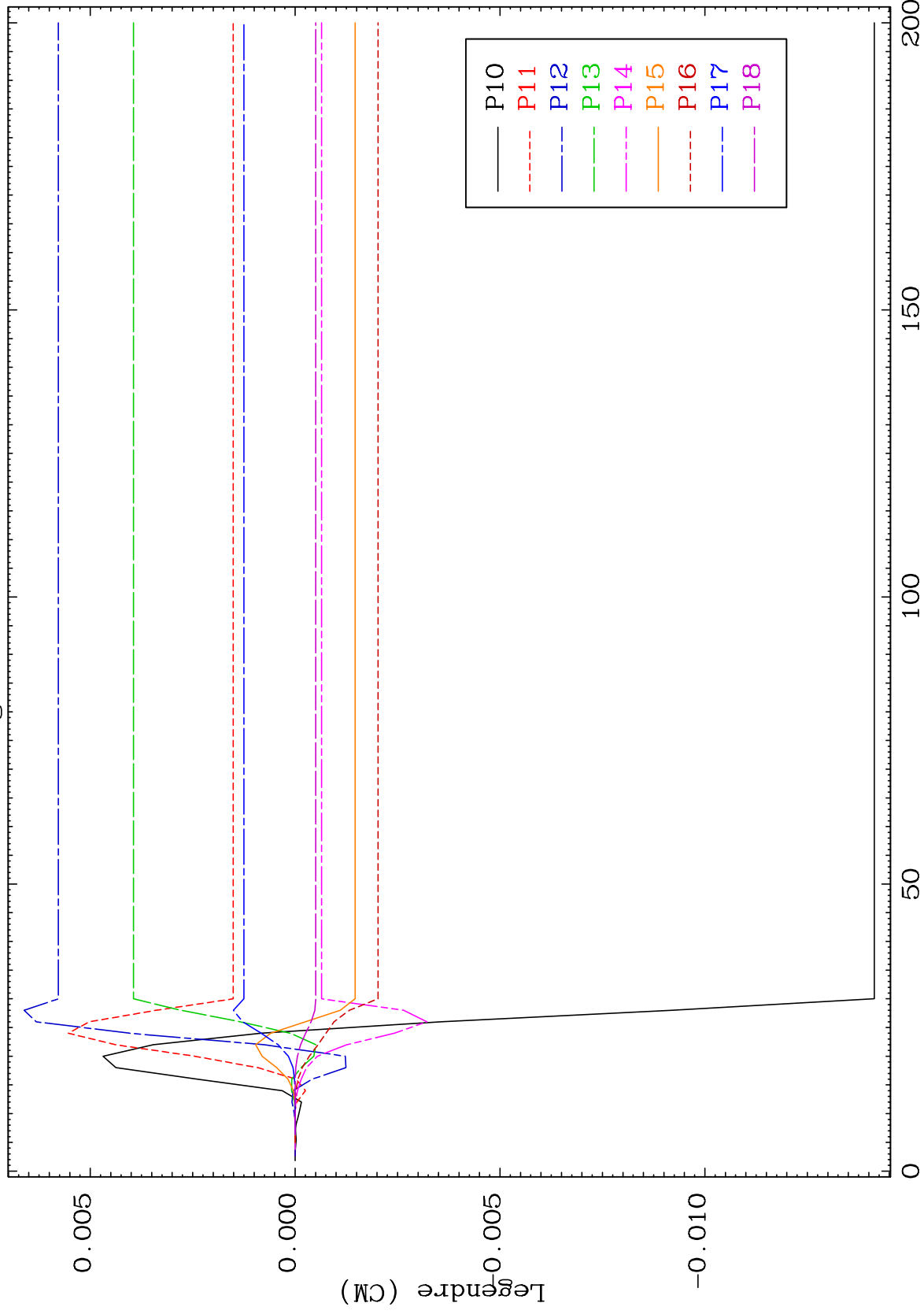
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



98

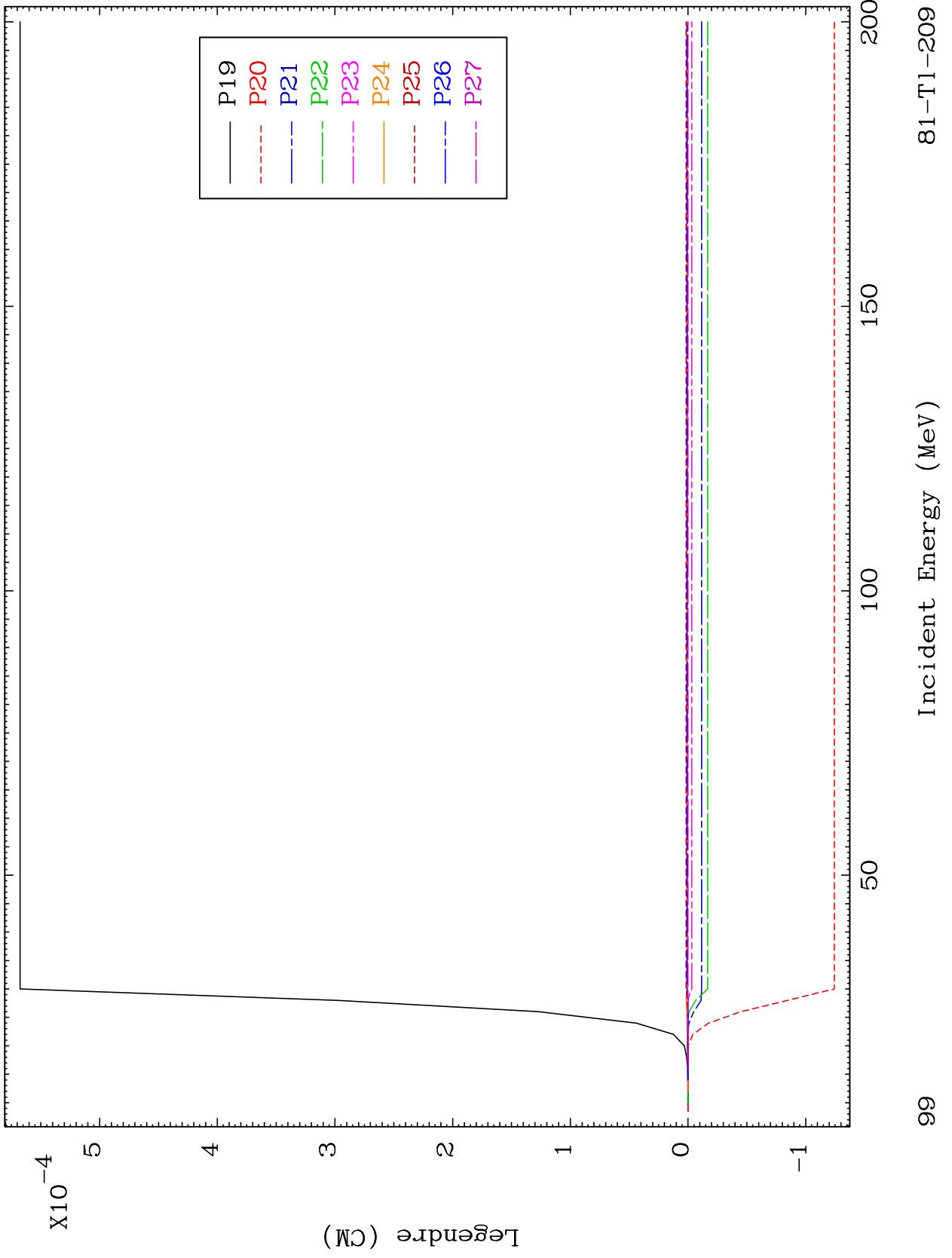
Incident Energy (MeV)

81-T1-209

MAT 8143

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

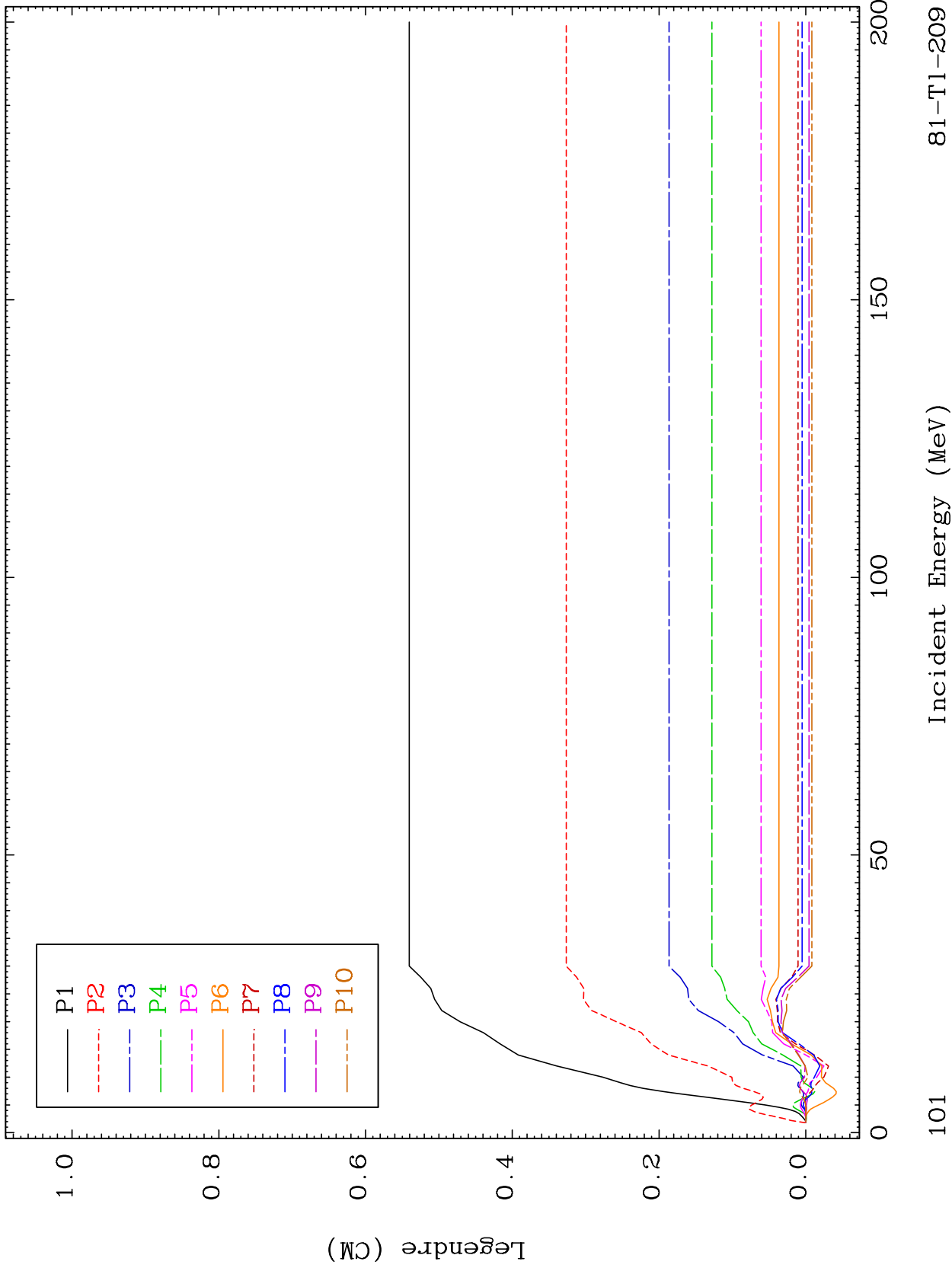
81-T1-209



MAT 8143

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

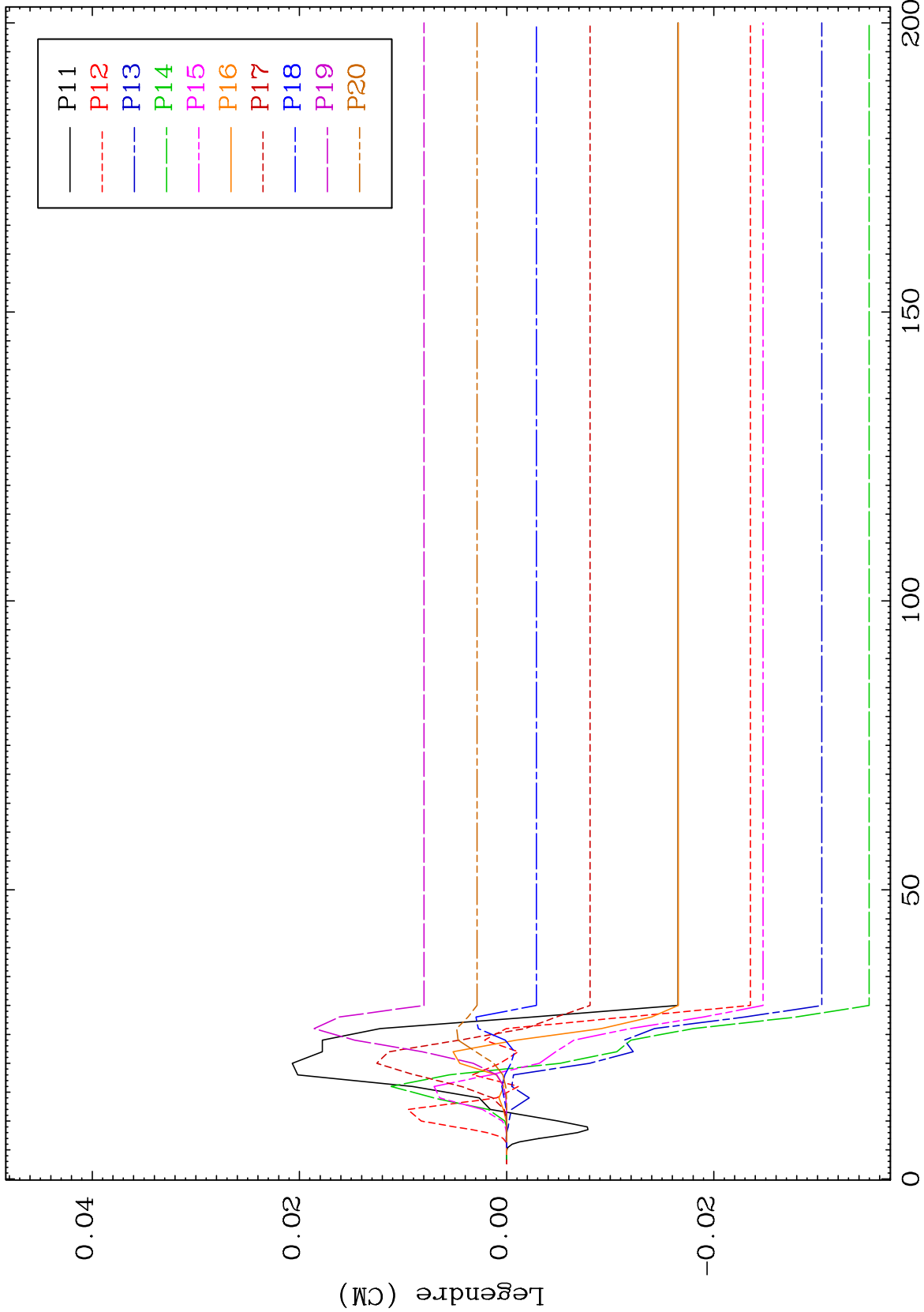
81-T1-209



MAT 8143

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

81-T1-209



102

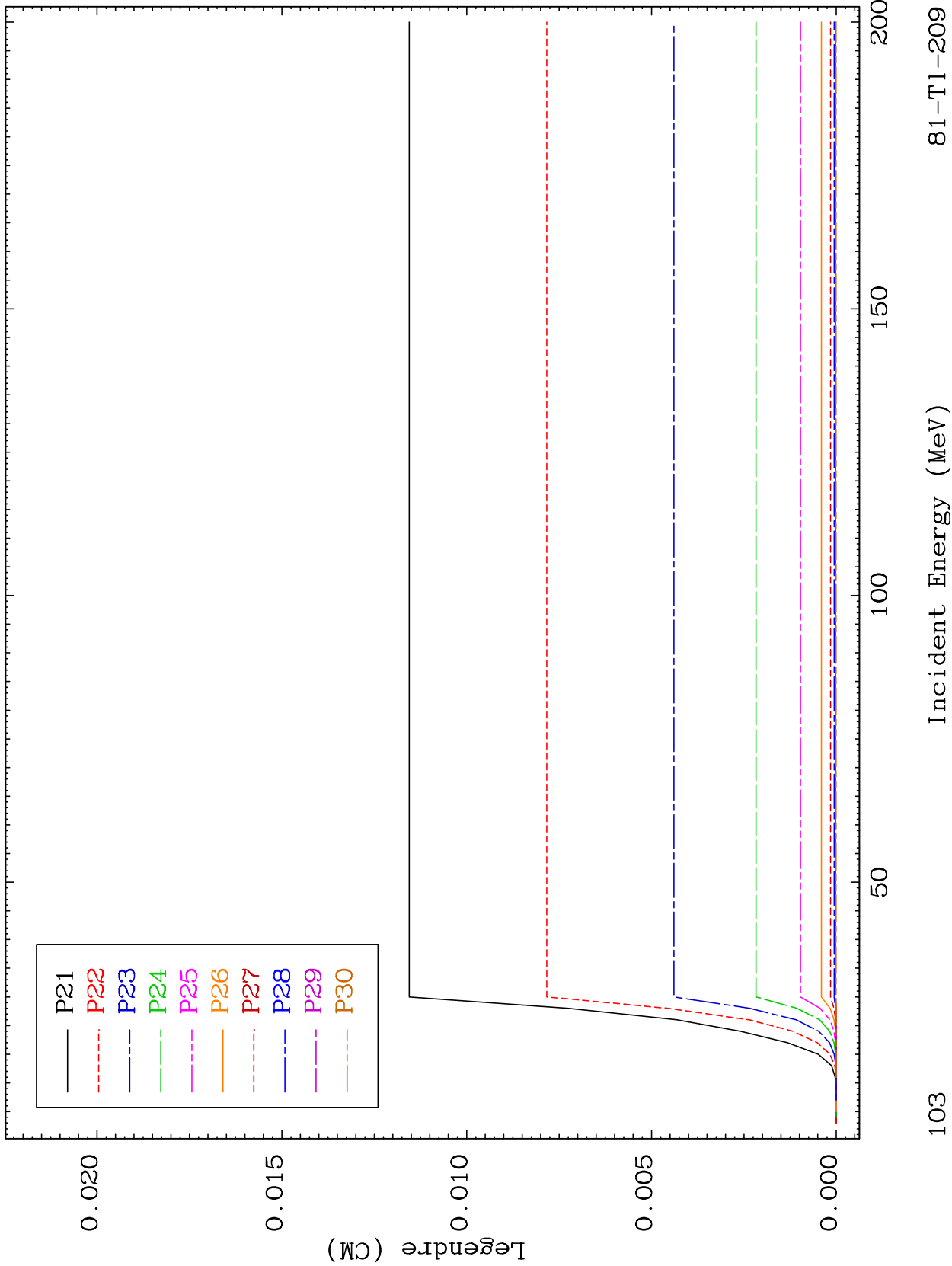
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-Tl-209



103

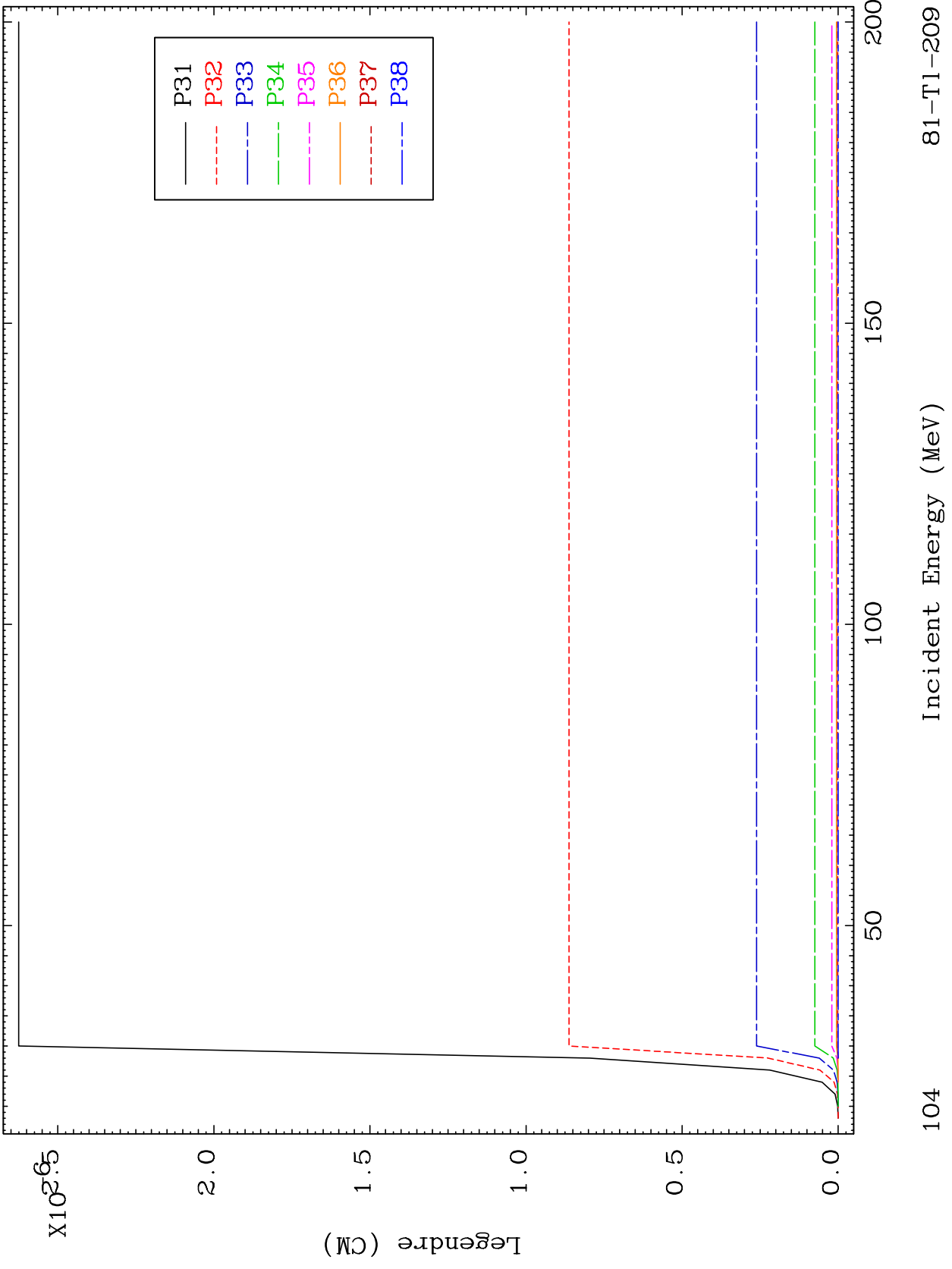
Incident Energy (MeV)

81-Tl-209

MAT 8143

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

81-T1-209



104

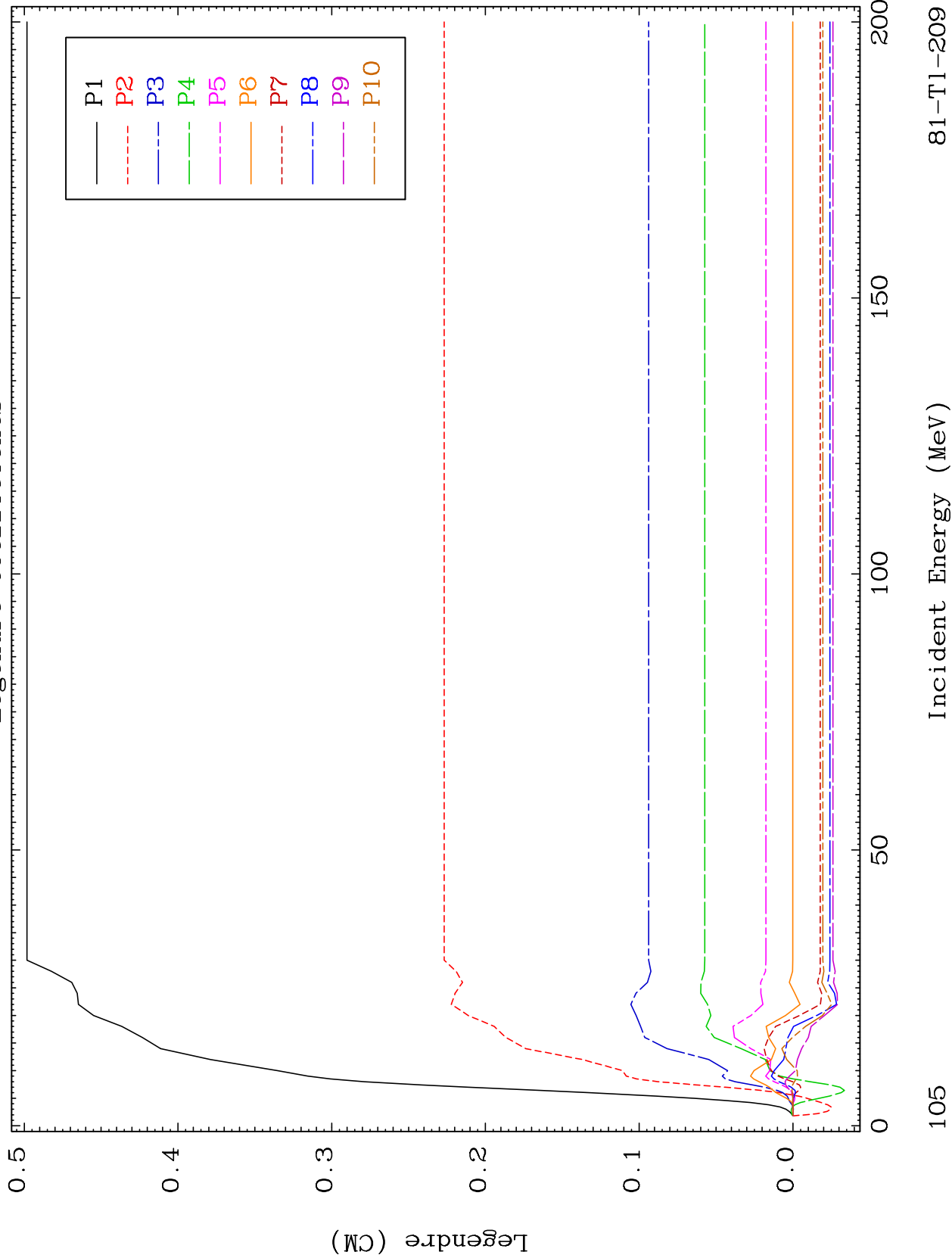
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



81-T1-209

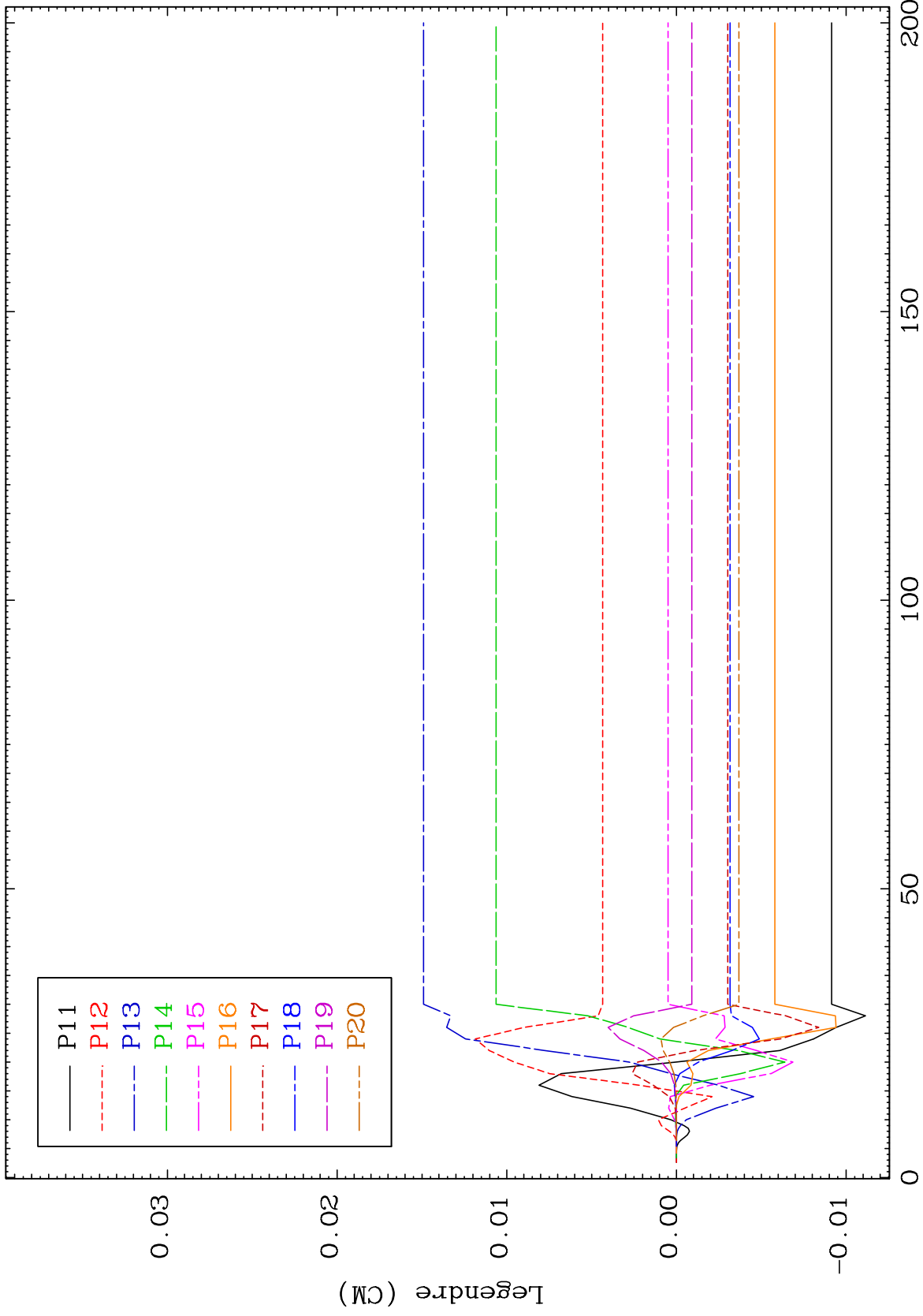
Incident Energy (MeV)

105

MAT 8143

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

81-T1-209



106

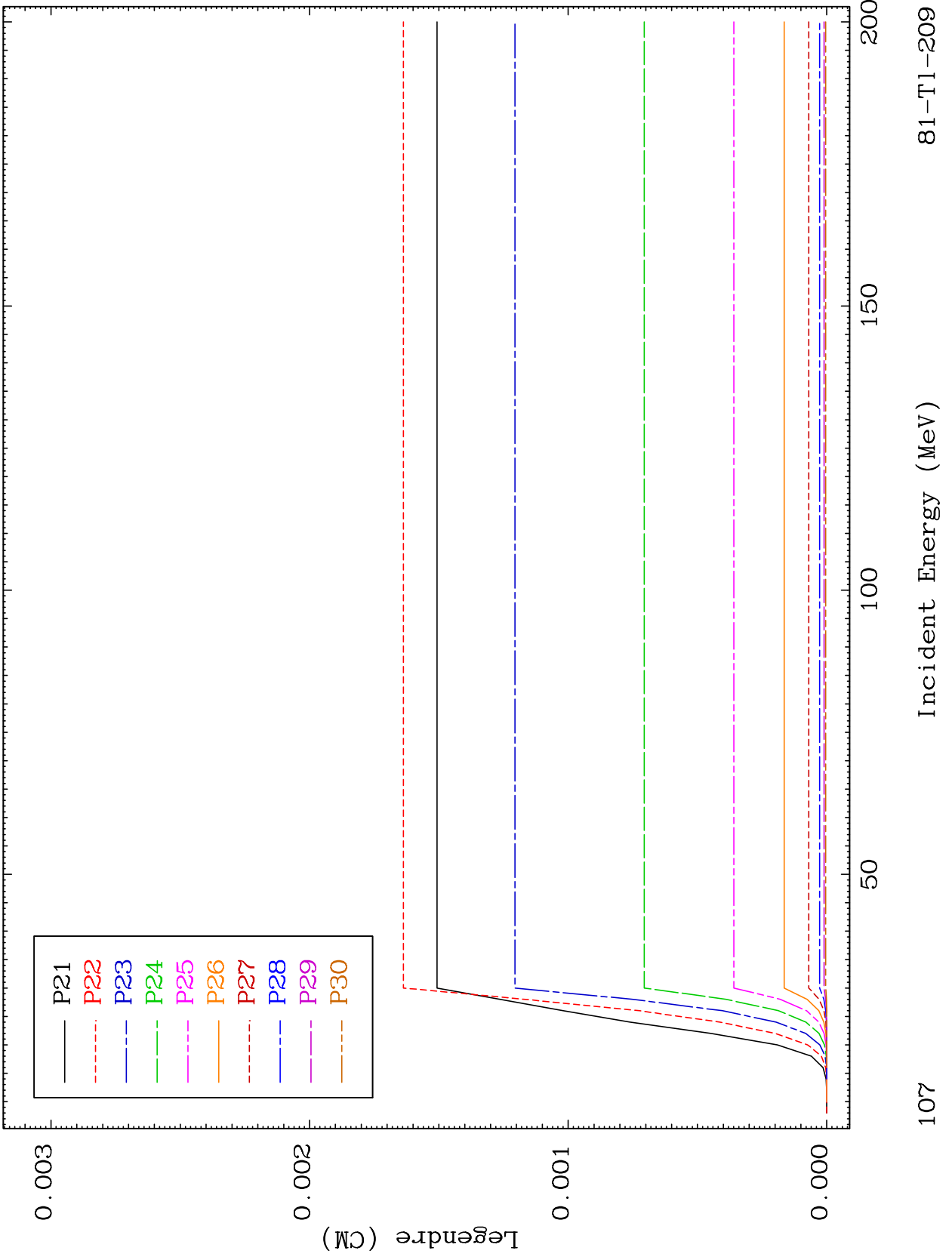
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



107

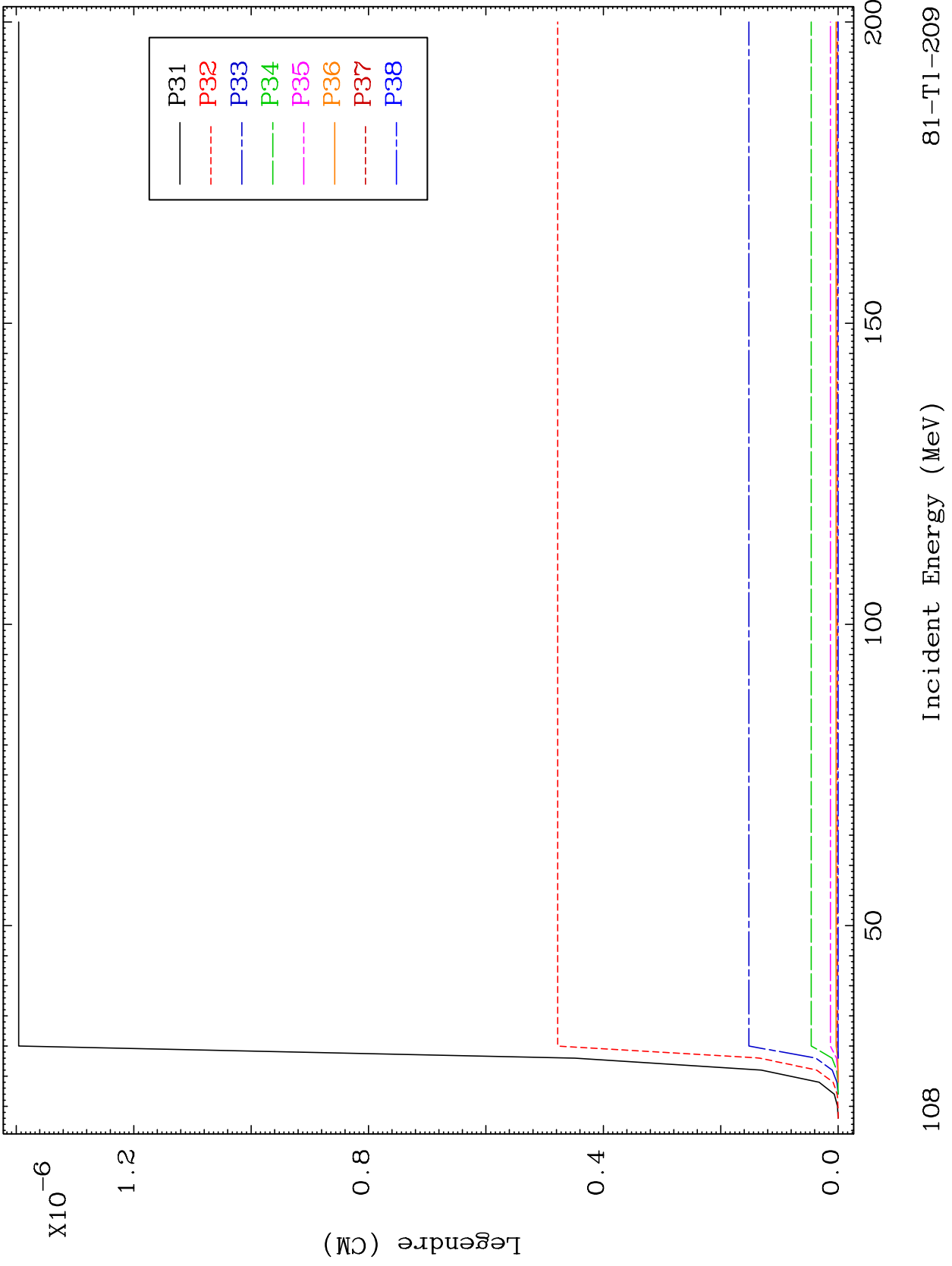
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209

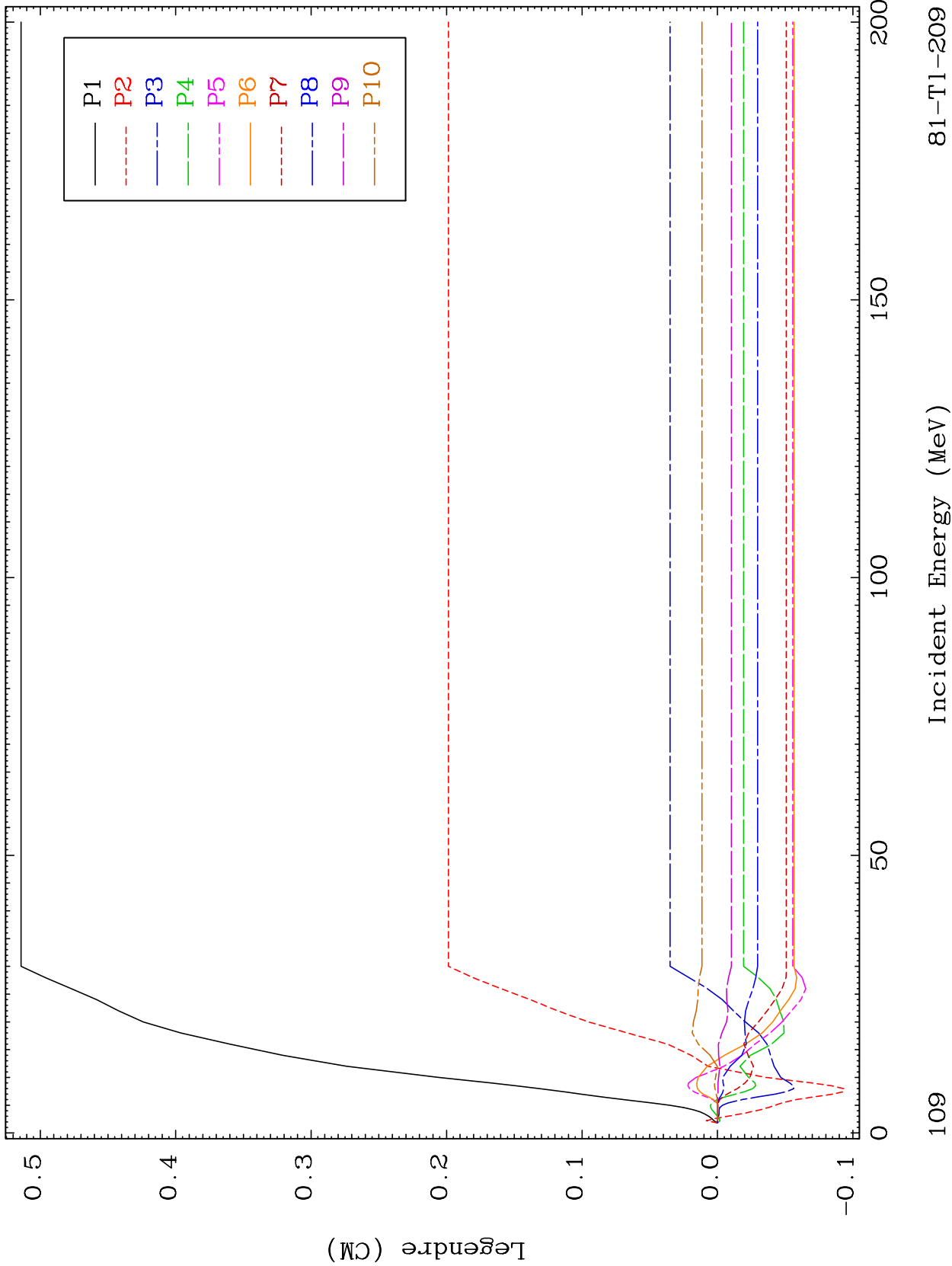


108

MAT 8143

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

81-T1-209



81-T1-209

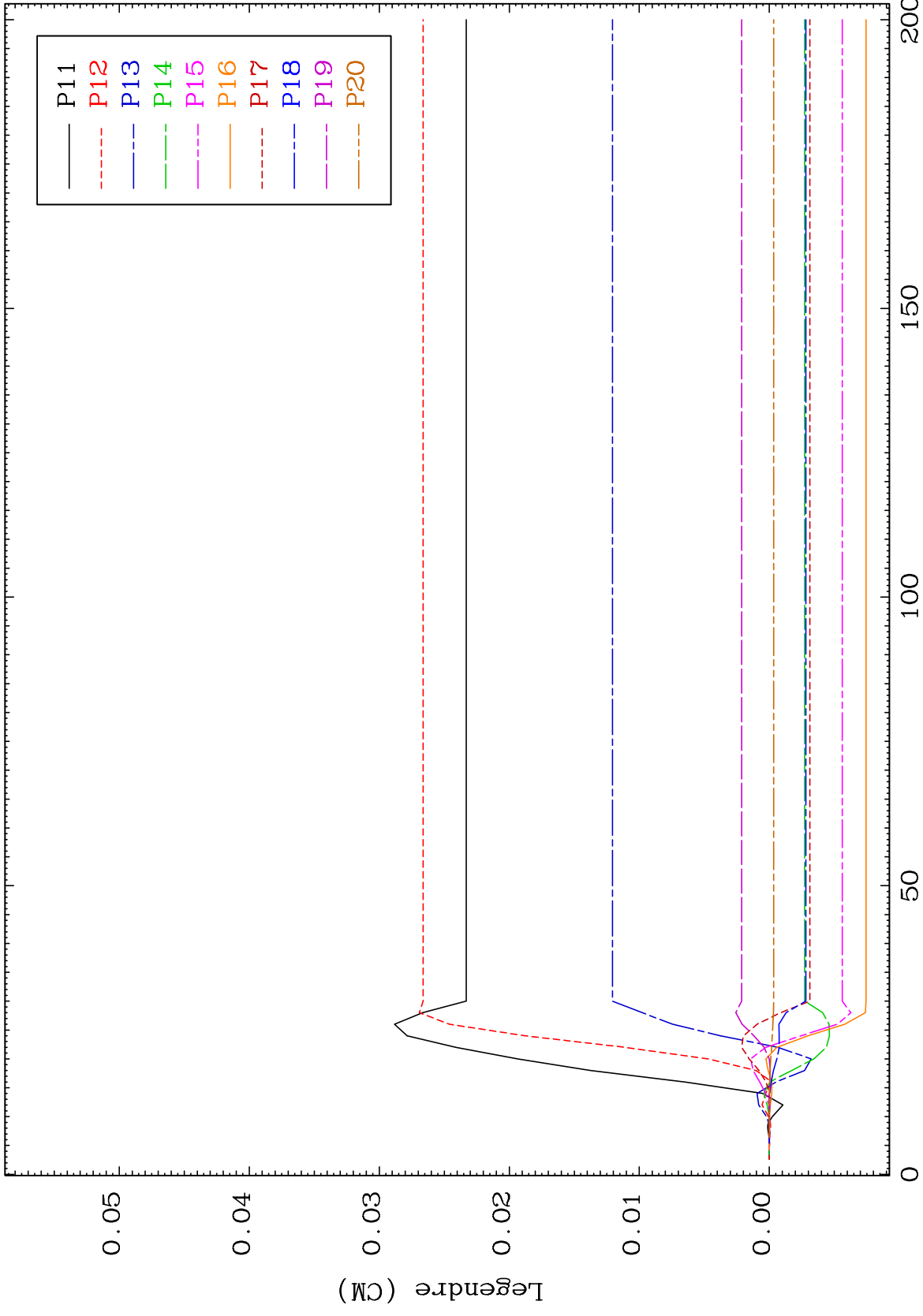
Incident Energy (MeV)

109

MAT 8143

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

81-Tl-209



110

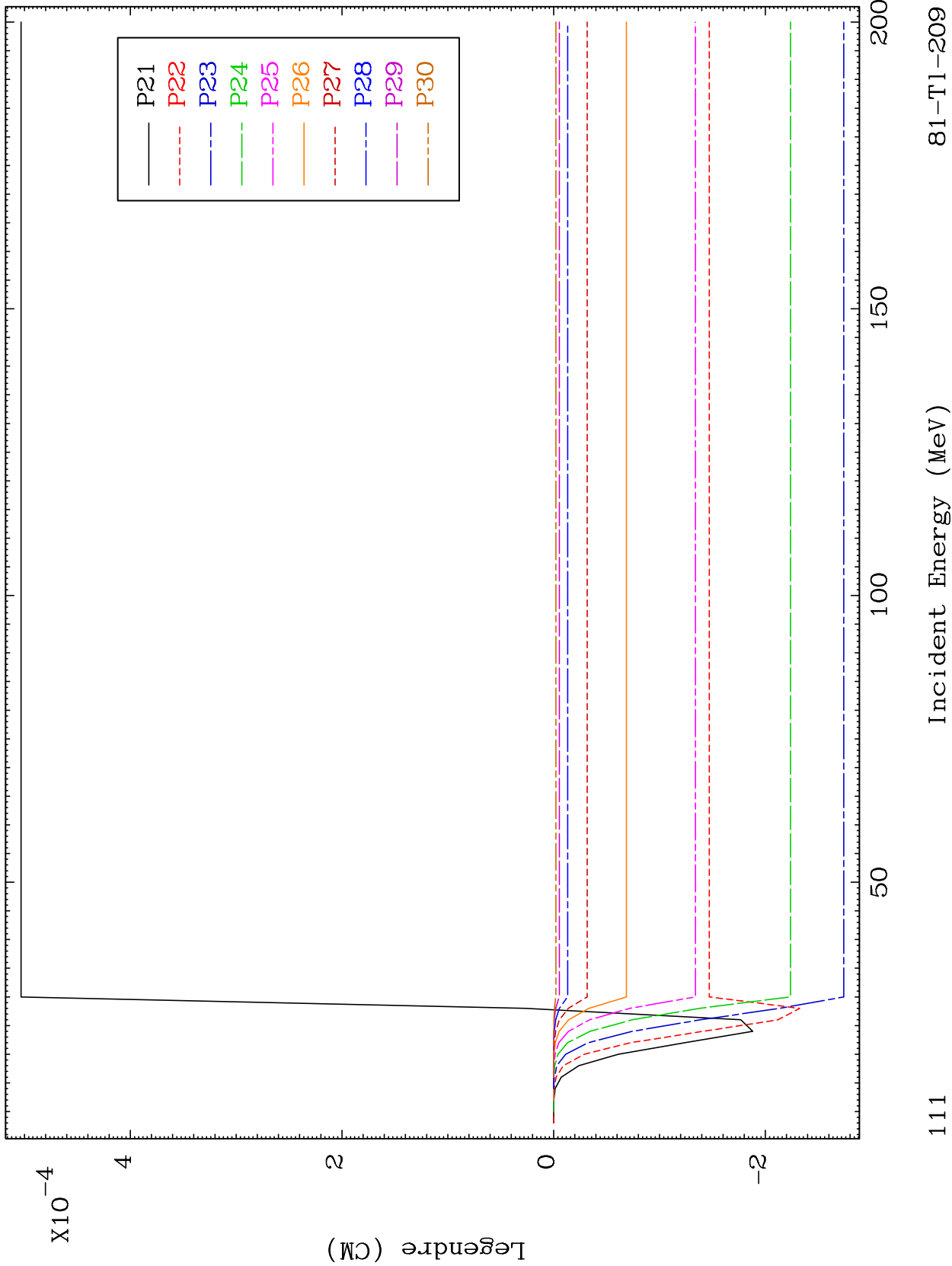
Incident Energy (MeV)

81-Tl-209

MAT 8143

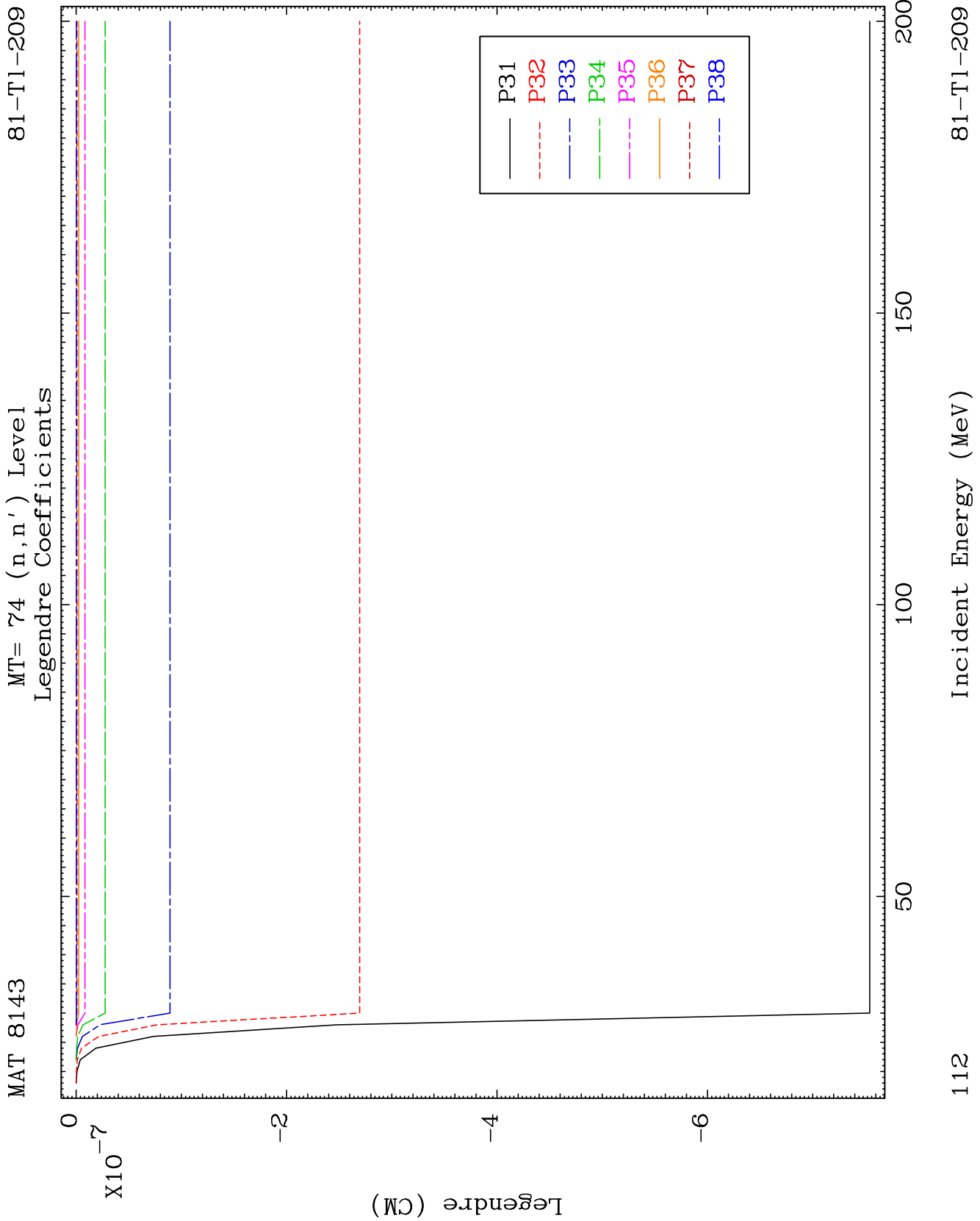
MT= 74 (n,n') Level
Legendre Coefficients

81-T1-209



111

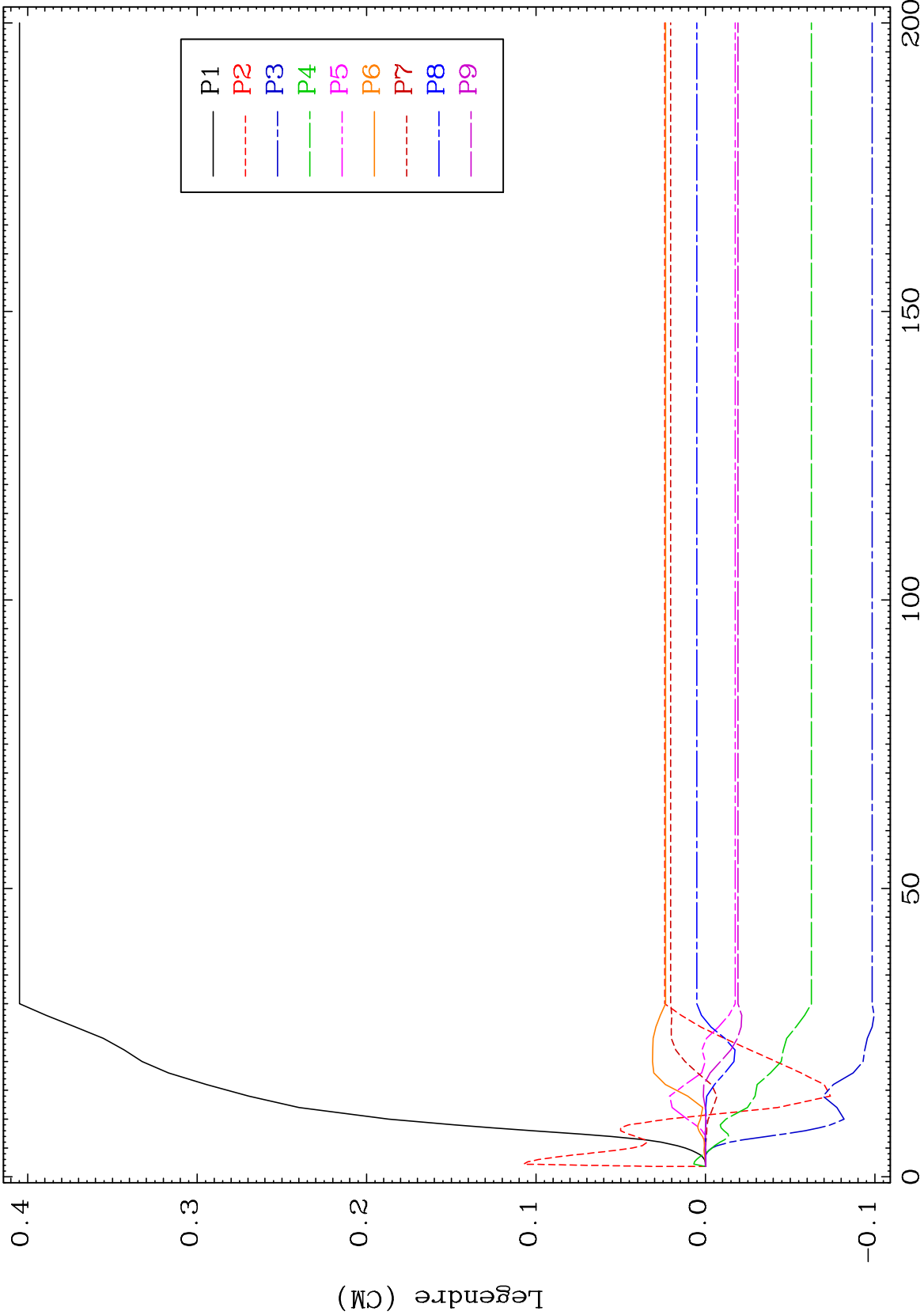
81-T1-209



MAT 8143

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

81-T1-209



113

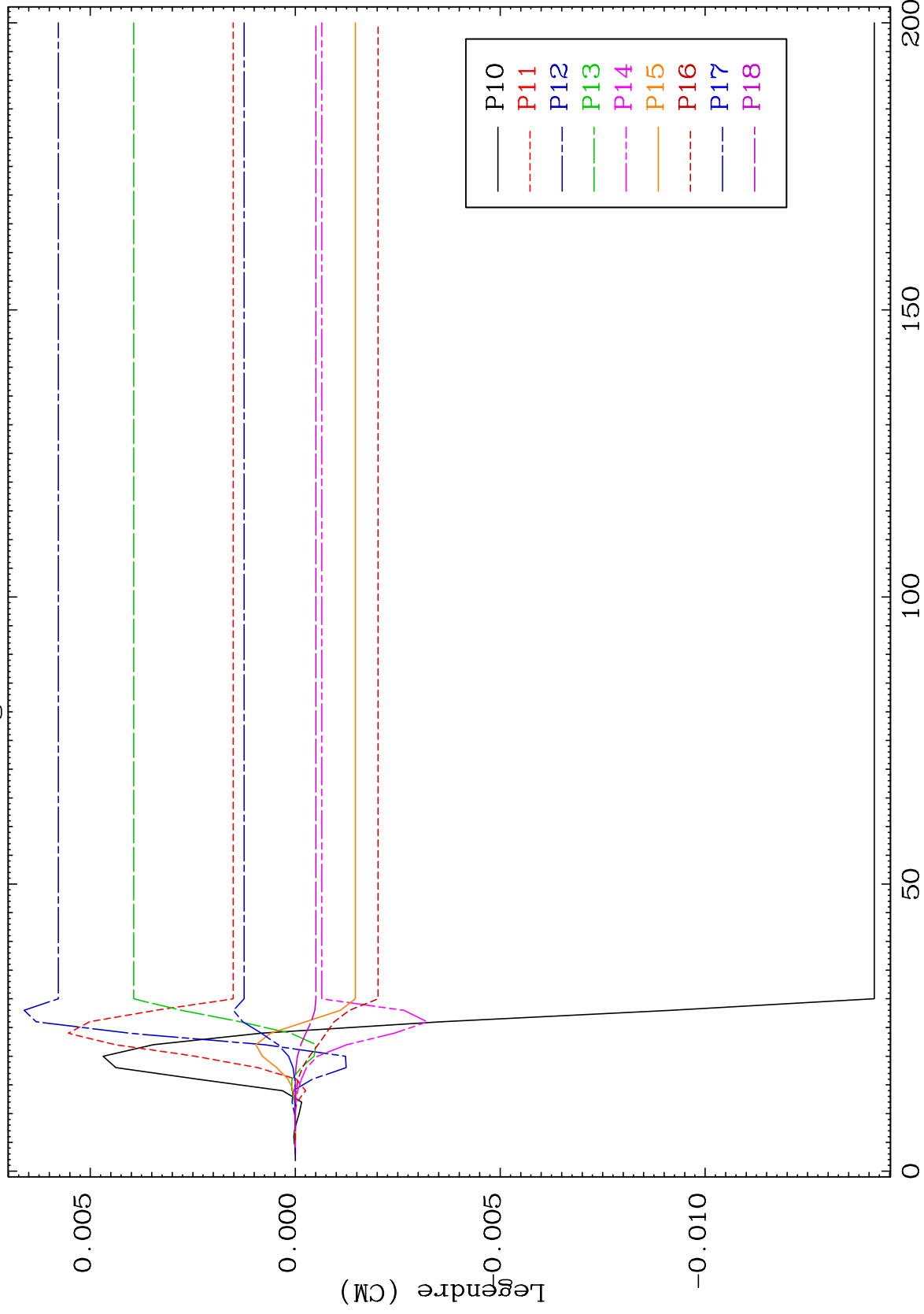
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



114

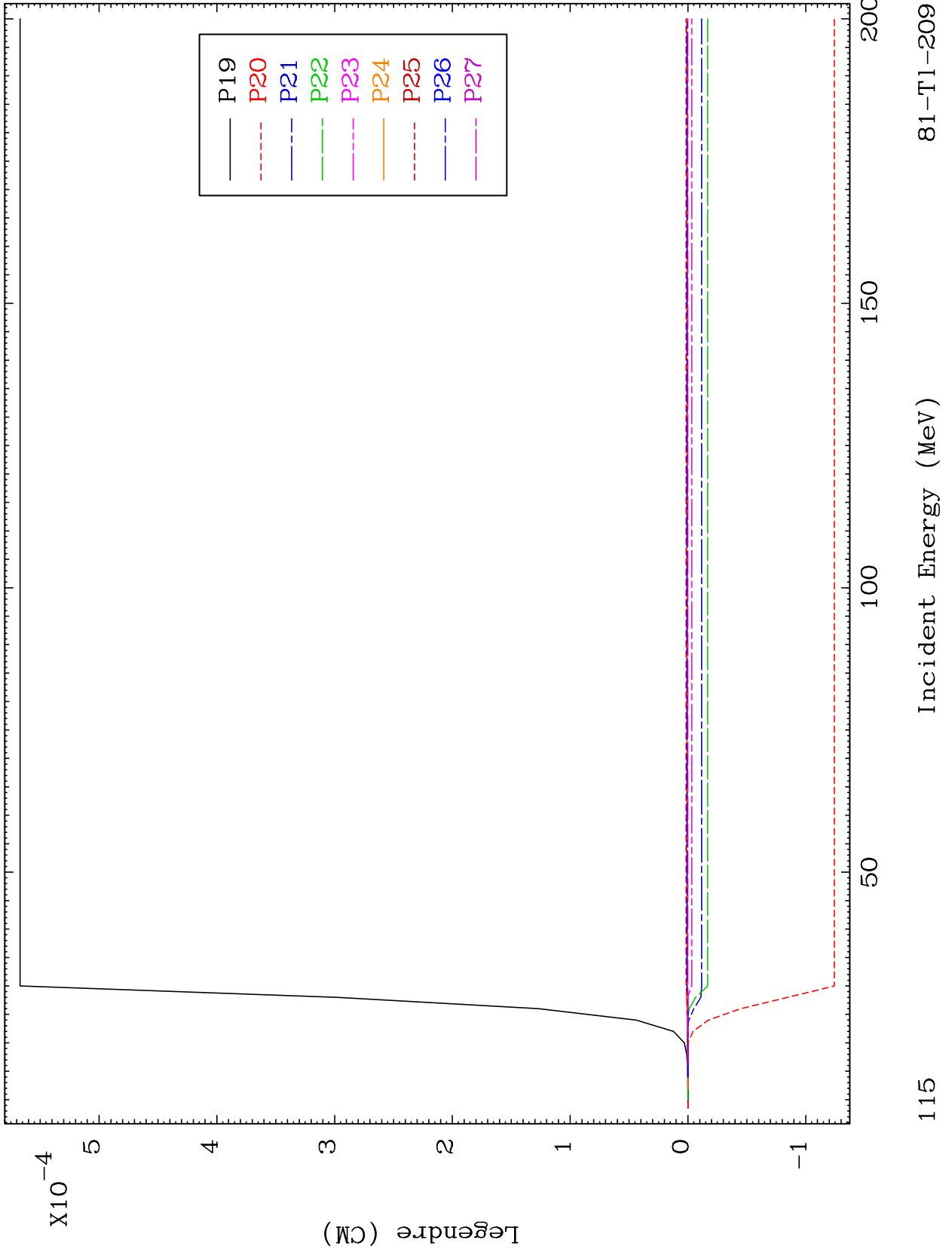
Incident Energy (MeV)

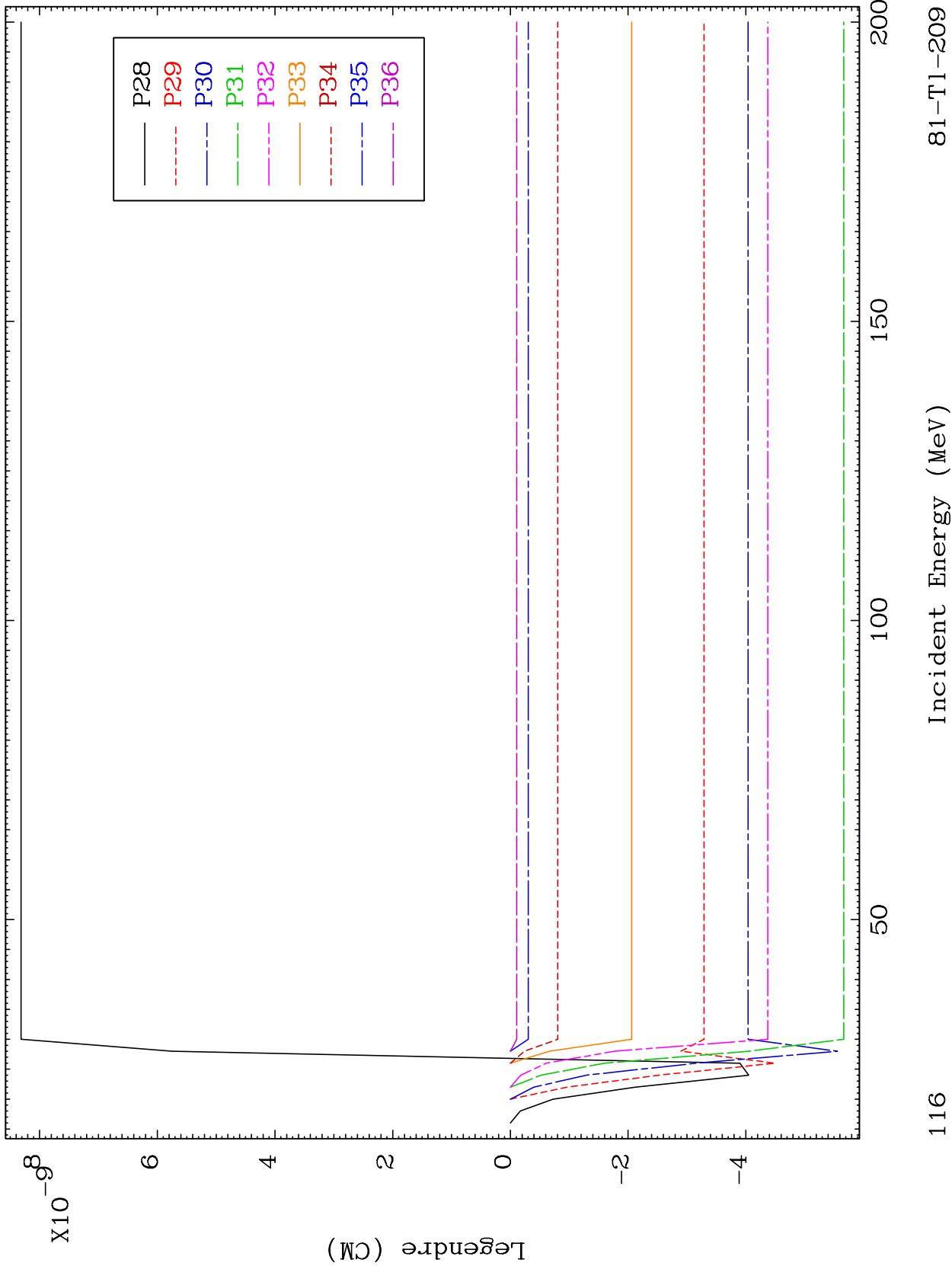
81-T1-209

MAT 8143

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

81-T1-209

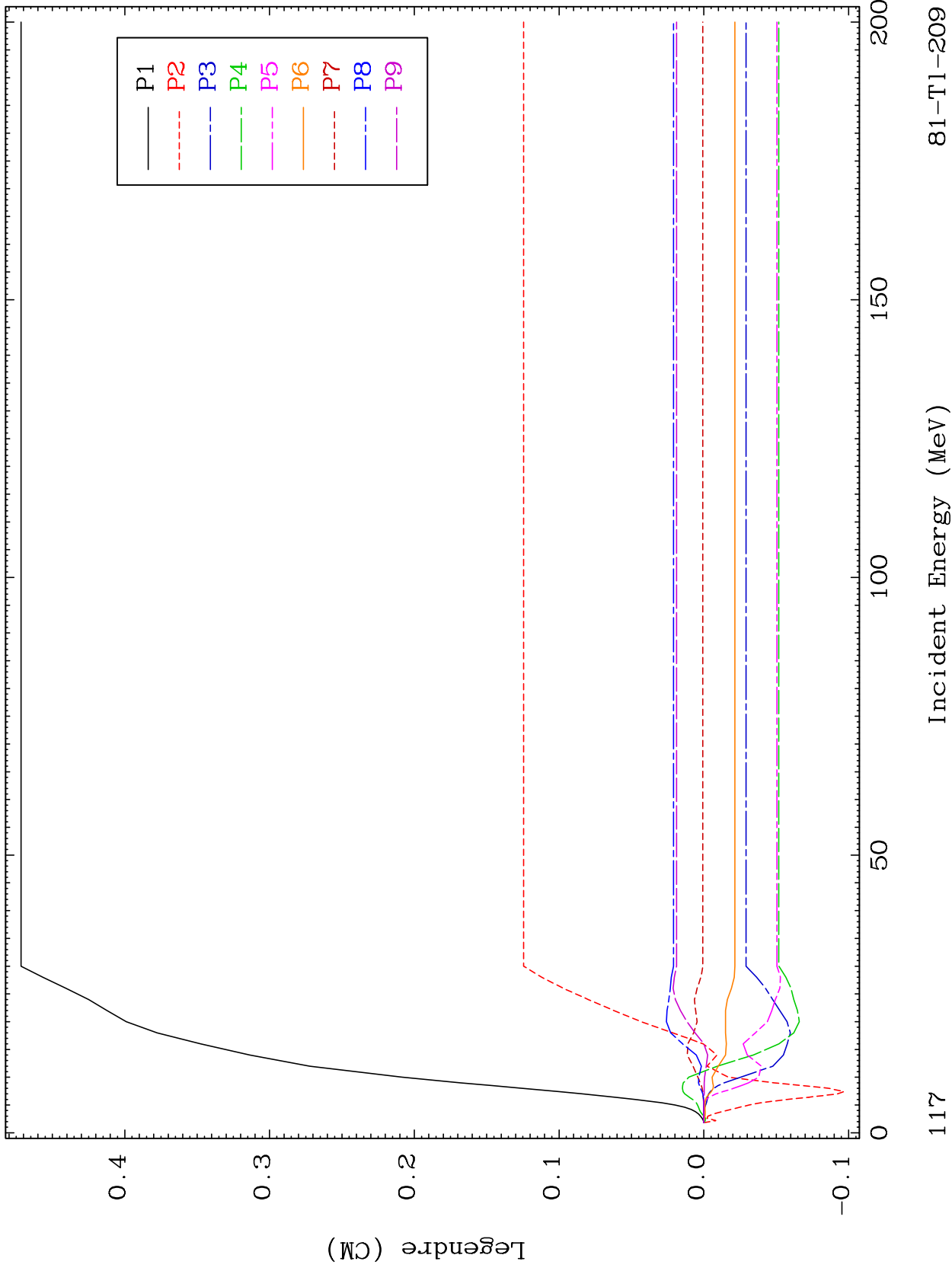




MAT 8143

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

81-T1-209



117

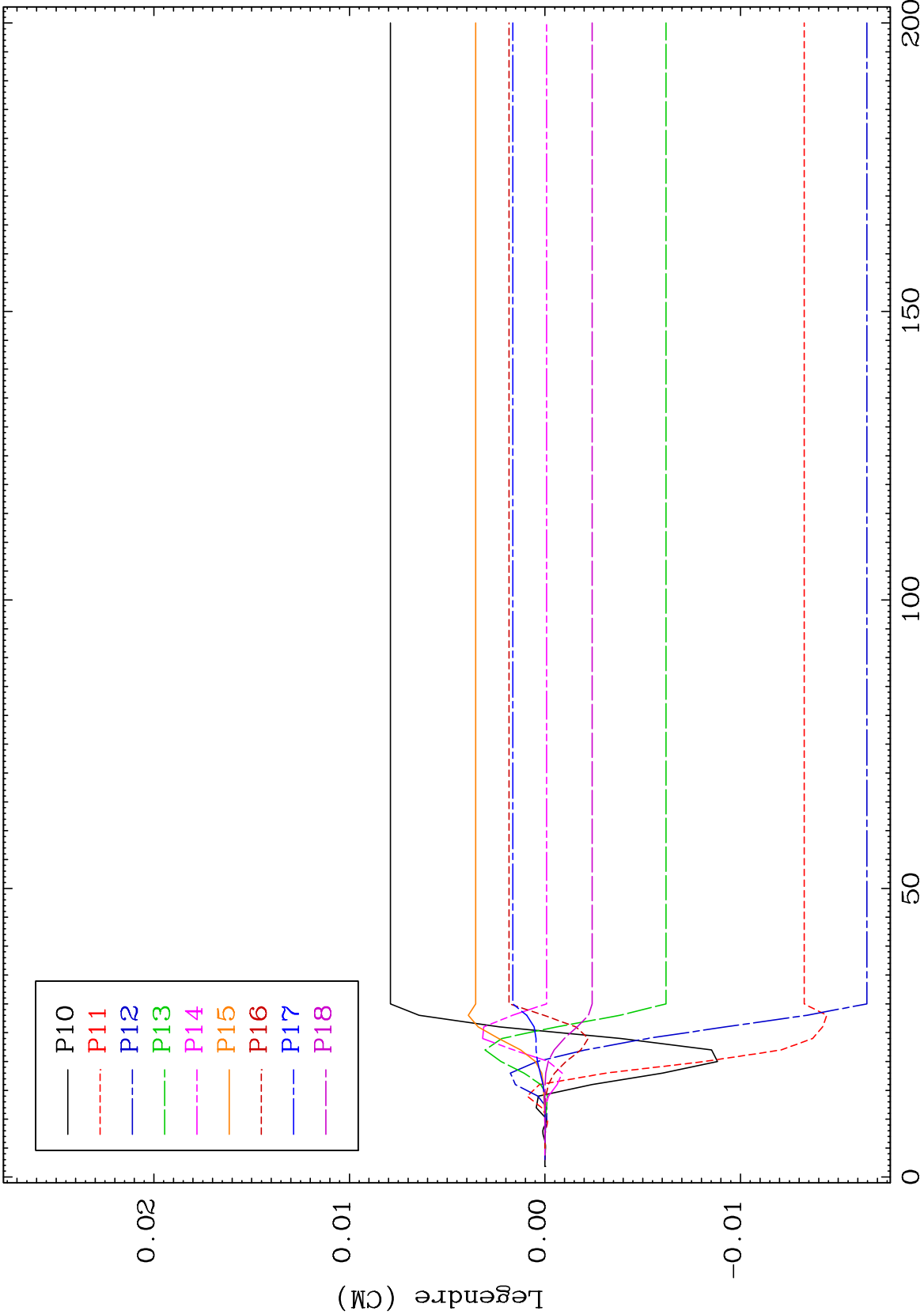
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



118

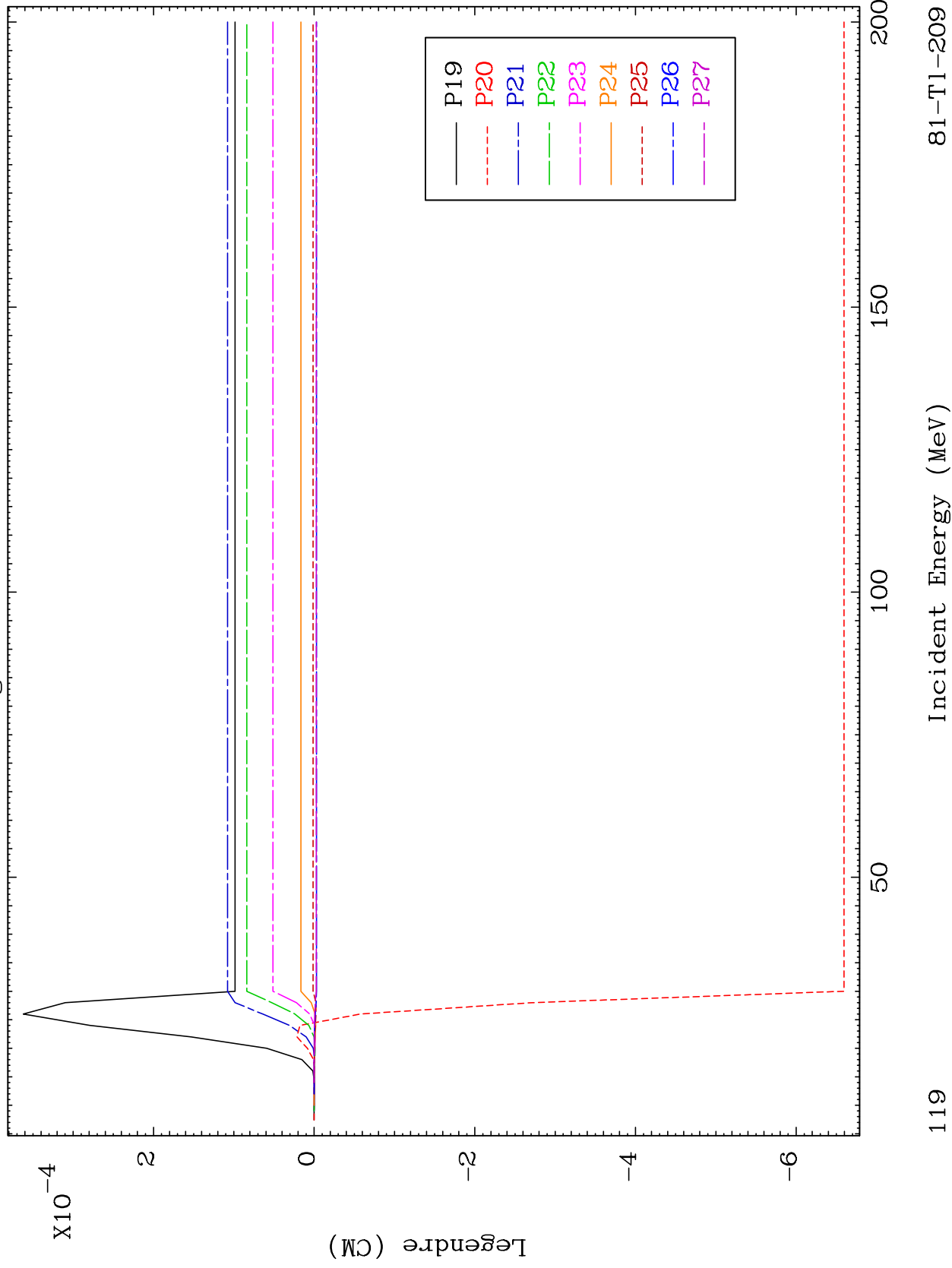
Incident Energy (MeV)

81-T1-209

MAT 8143

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

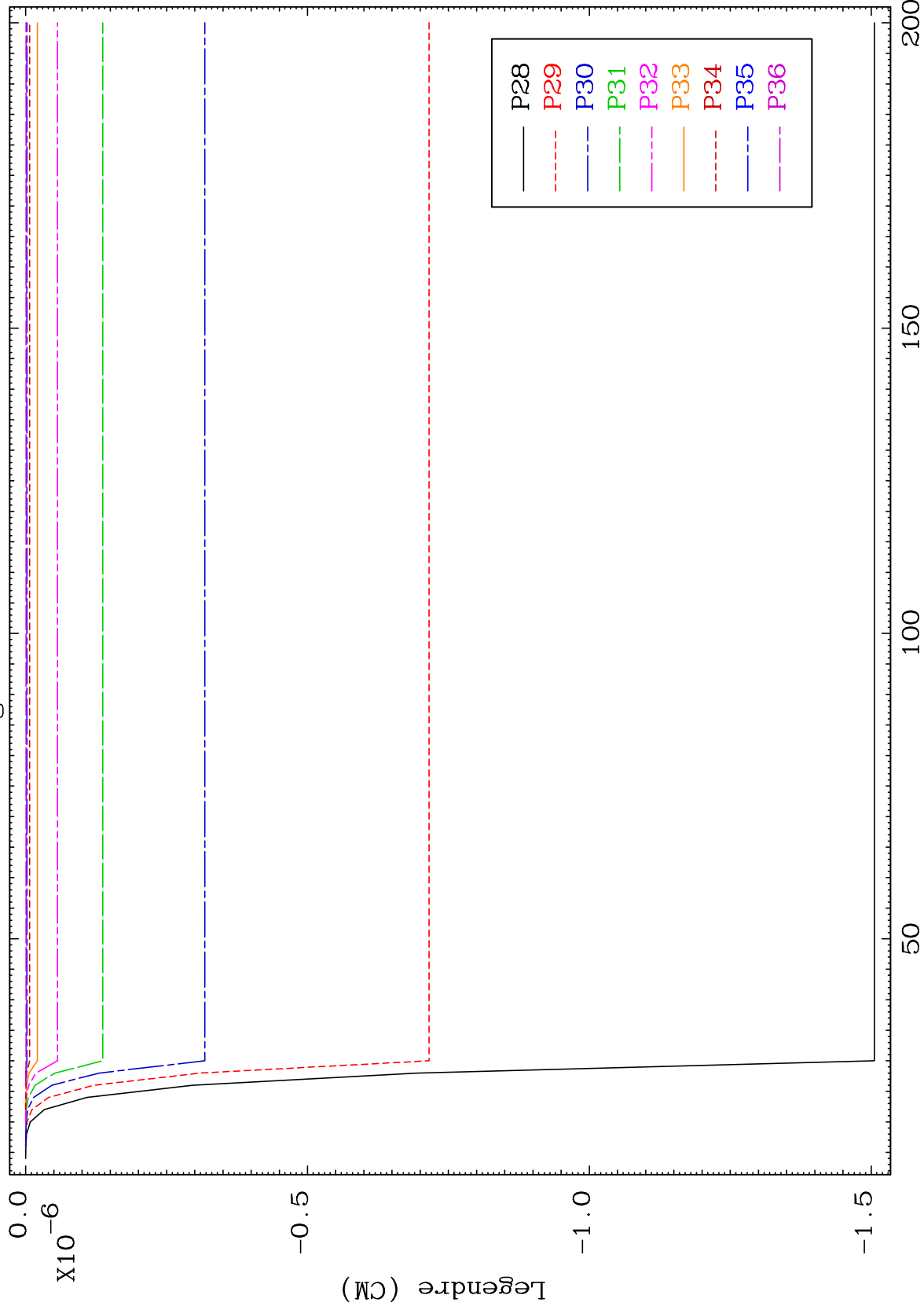
81-T1-209



MAT 8143

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

81-T1-209



120

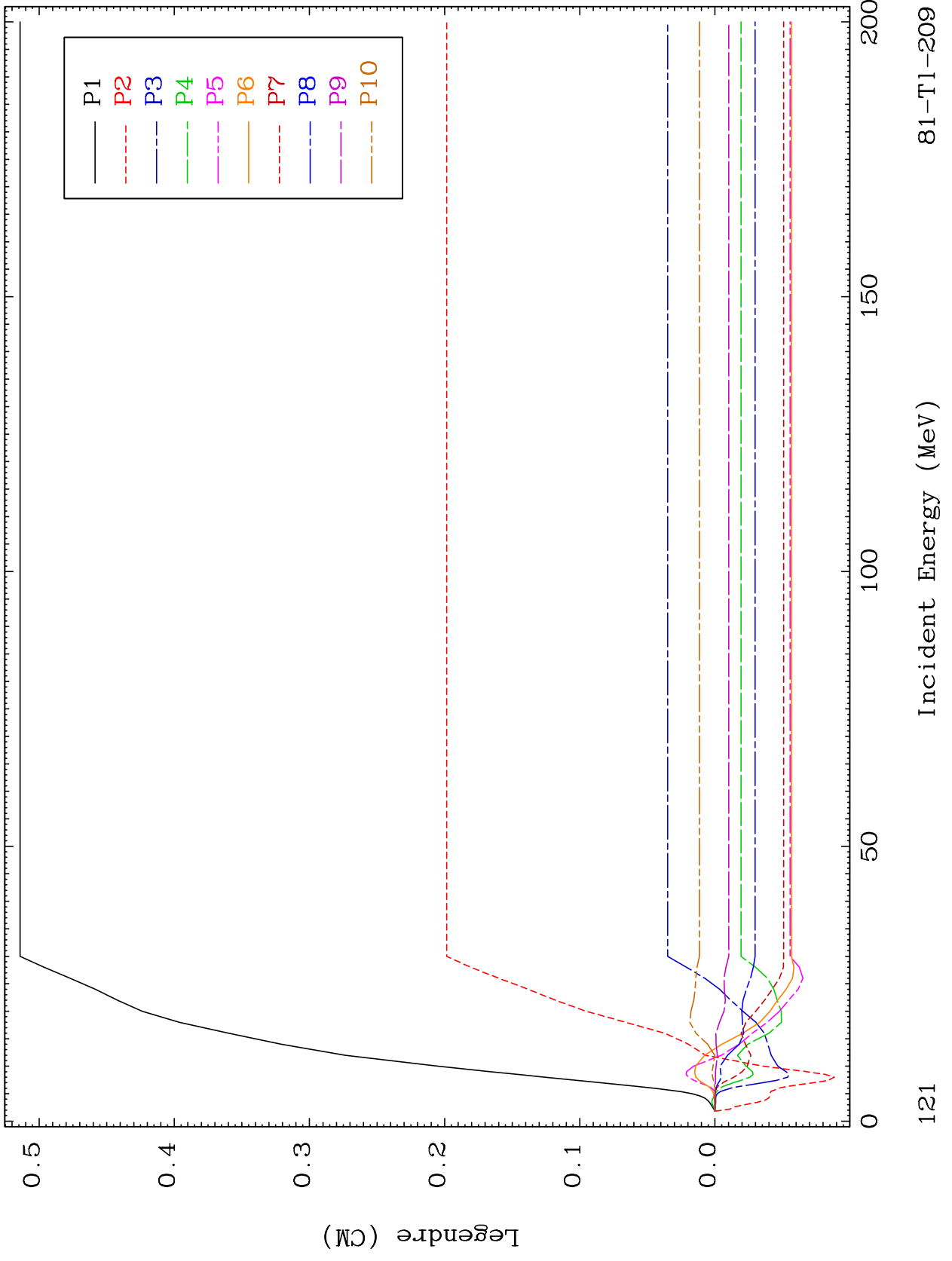
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



121

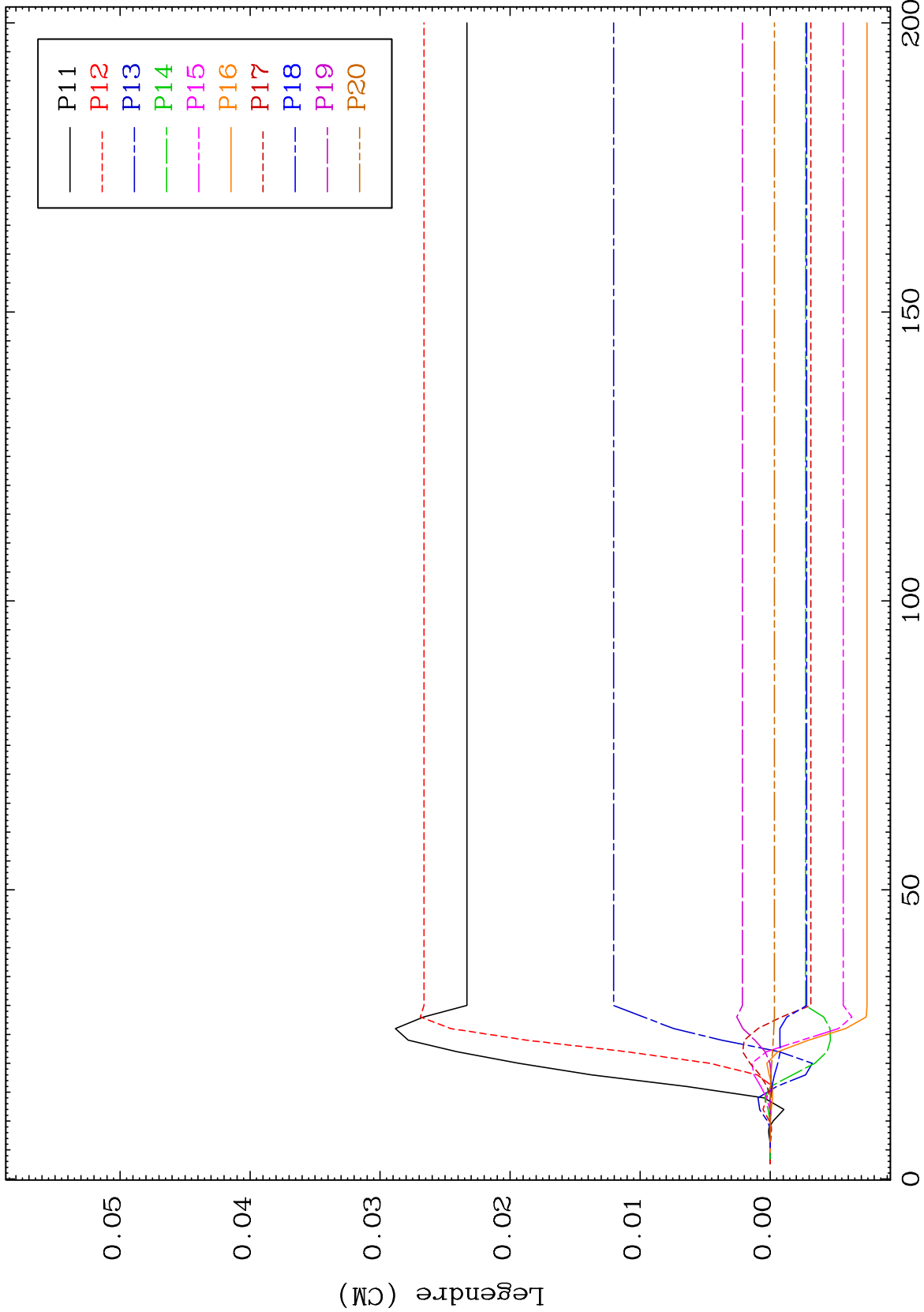
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



122

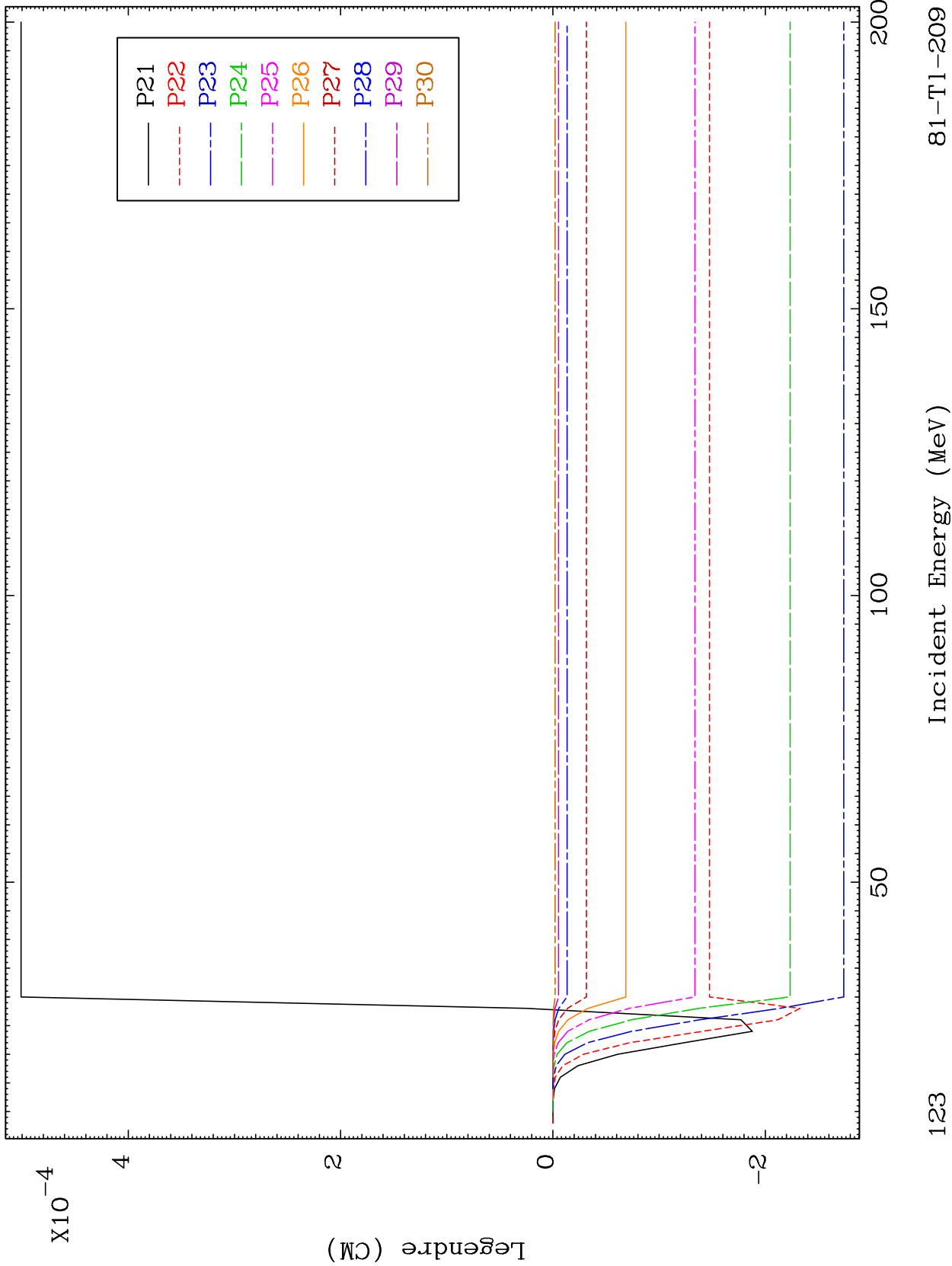
Incident Energy (MeV)

81-T1-209

MAT 8143

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

81-T1-209



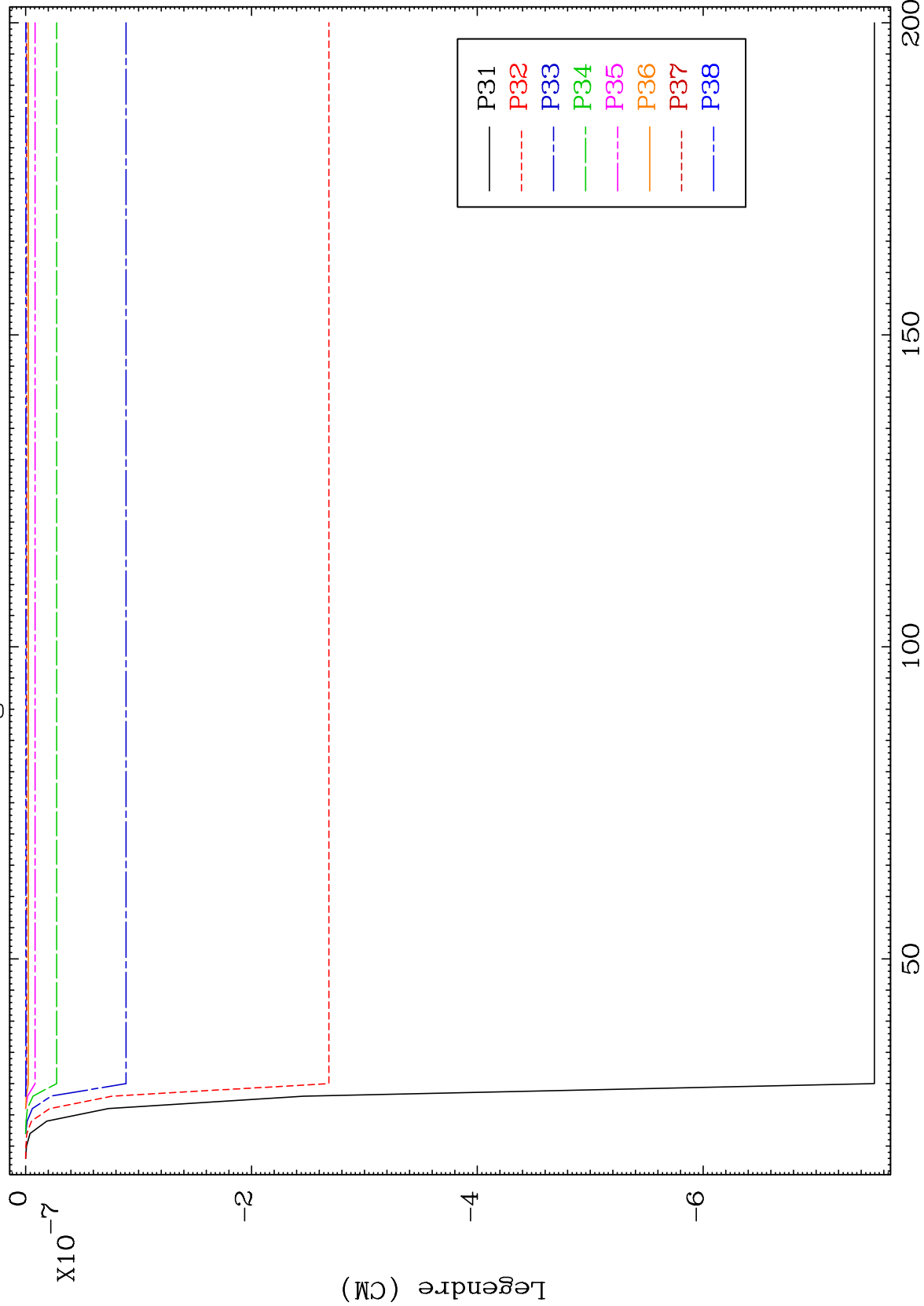
123

81-T1-209

MAT 8143

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

81-T1-209



124

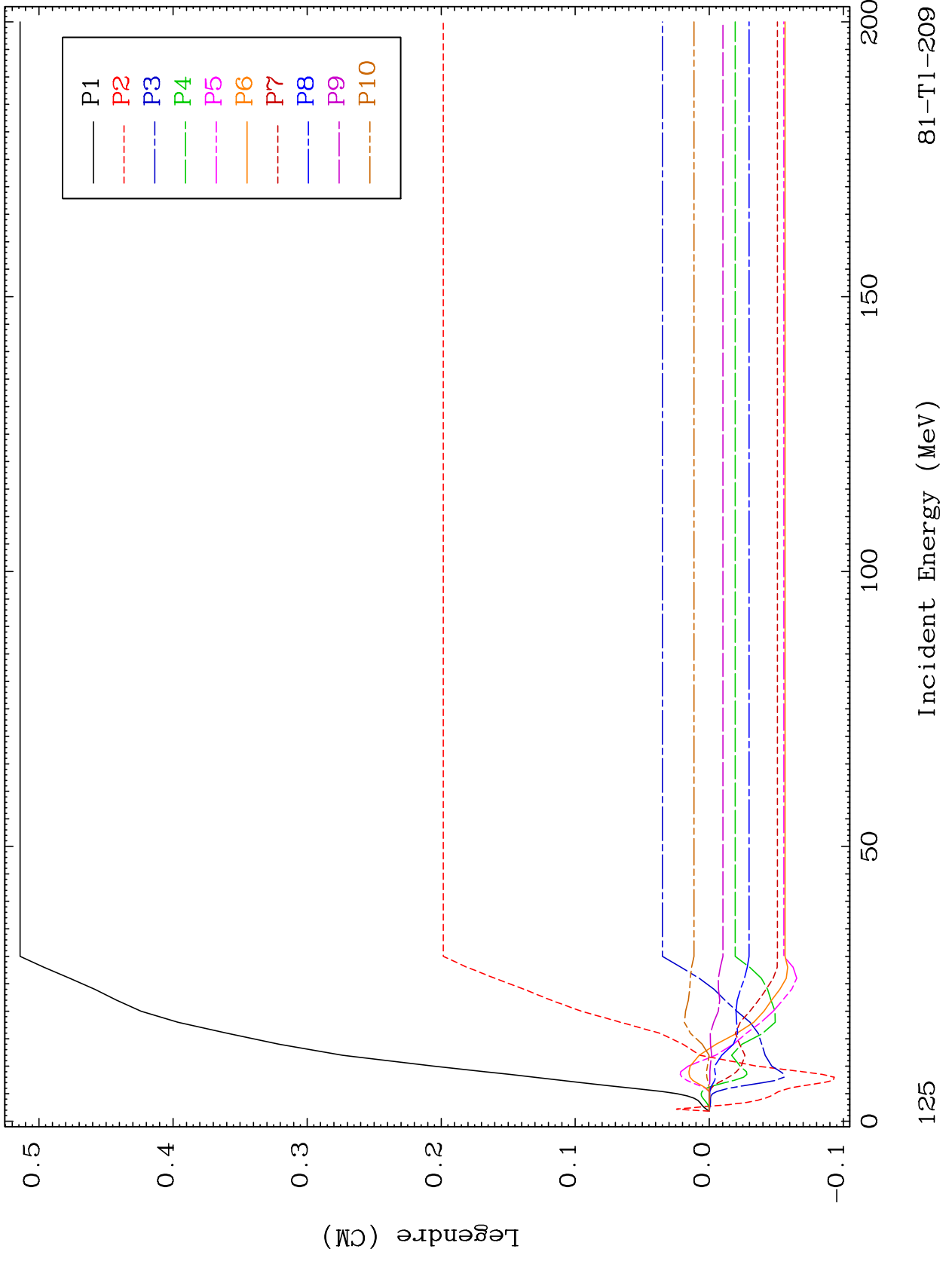
Incident Energy (MeV)

81-T1-209

MAT 8143

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

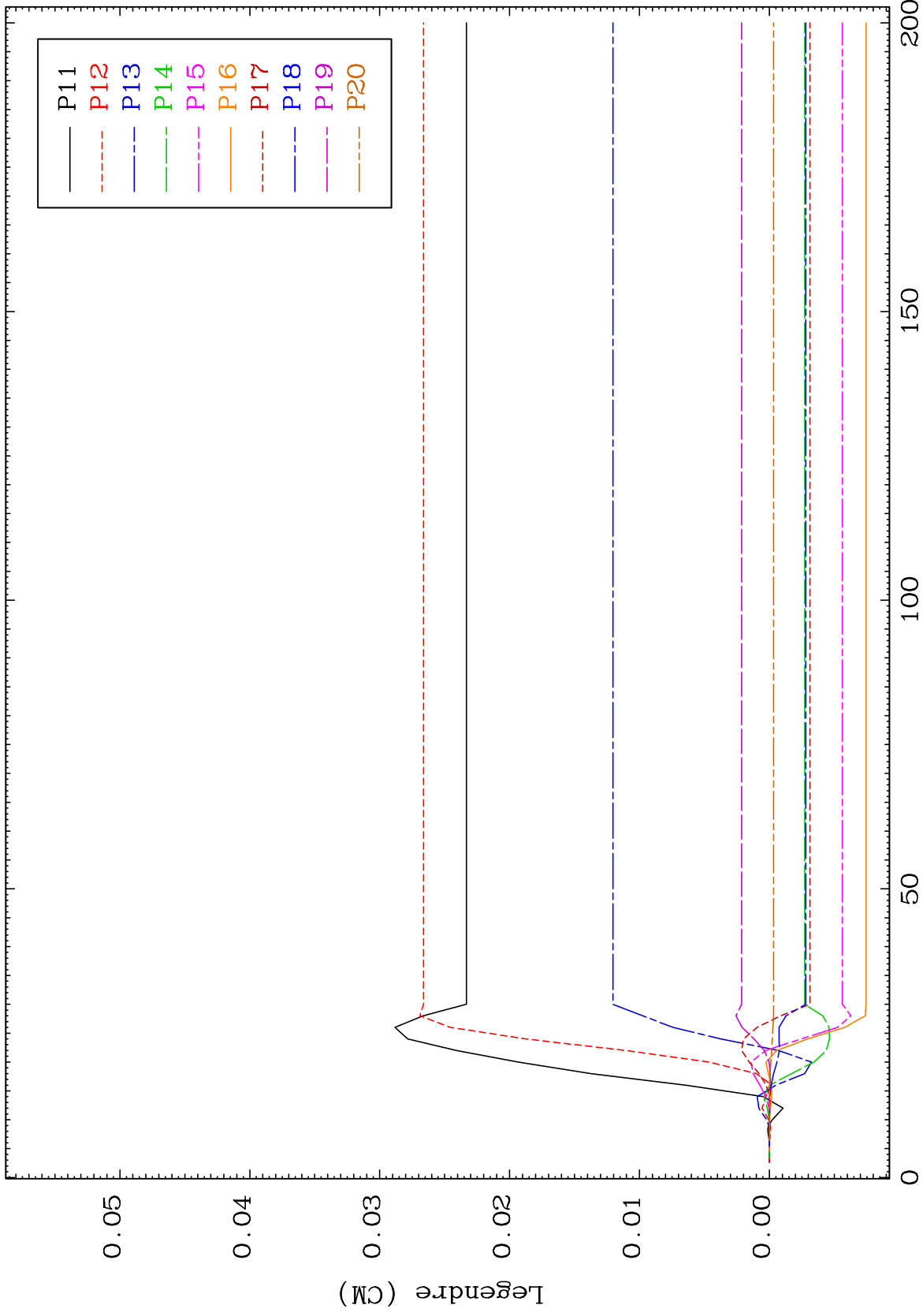
81-T1-209



MAT 8143

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

81-Tl-209



126

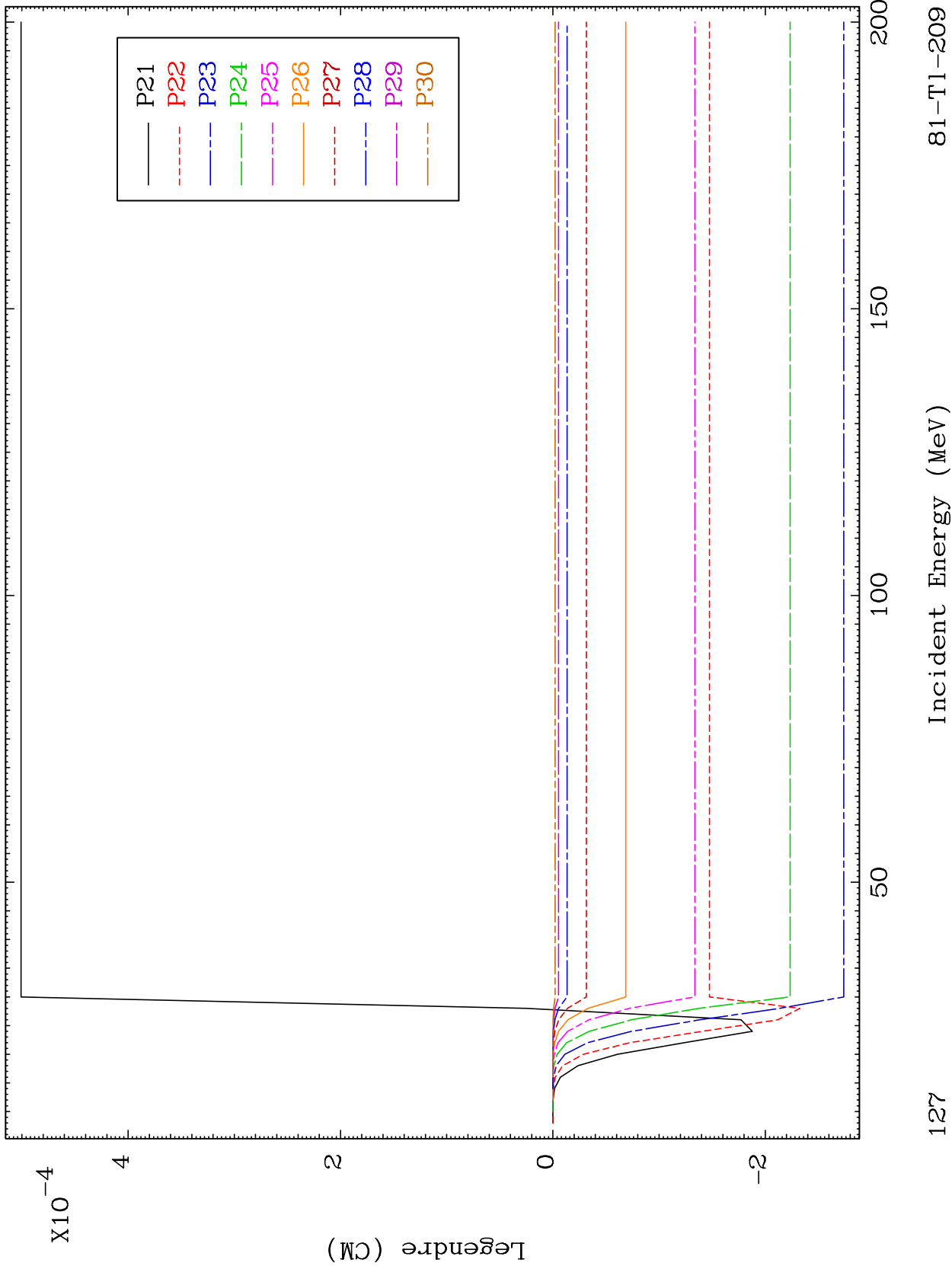
Incident Energy (MeV)

81-Tl-209

MAT 8143

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

81-T1-209



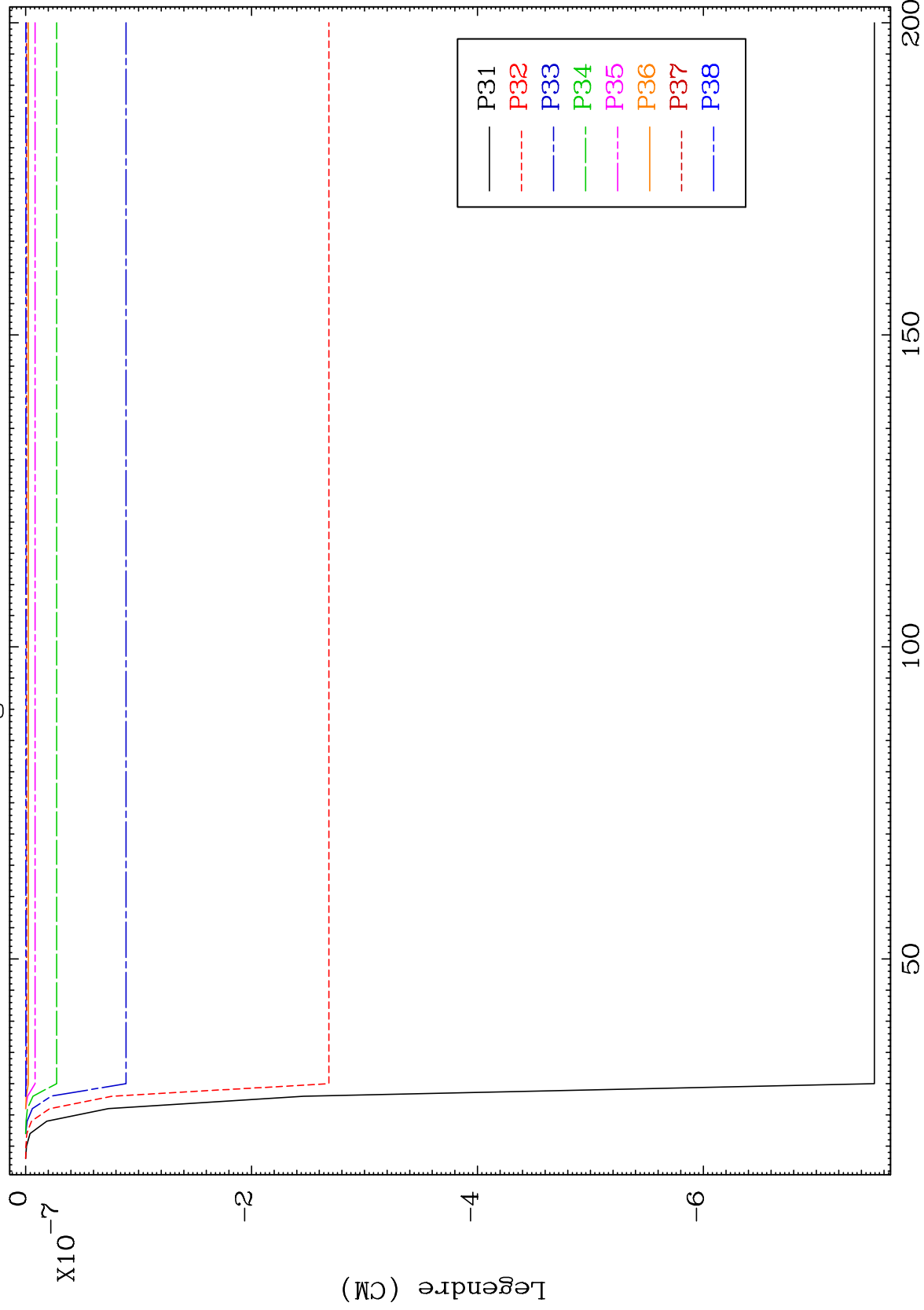
127

81-T1-209

MAT 8143

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

81-T1-209



128

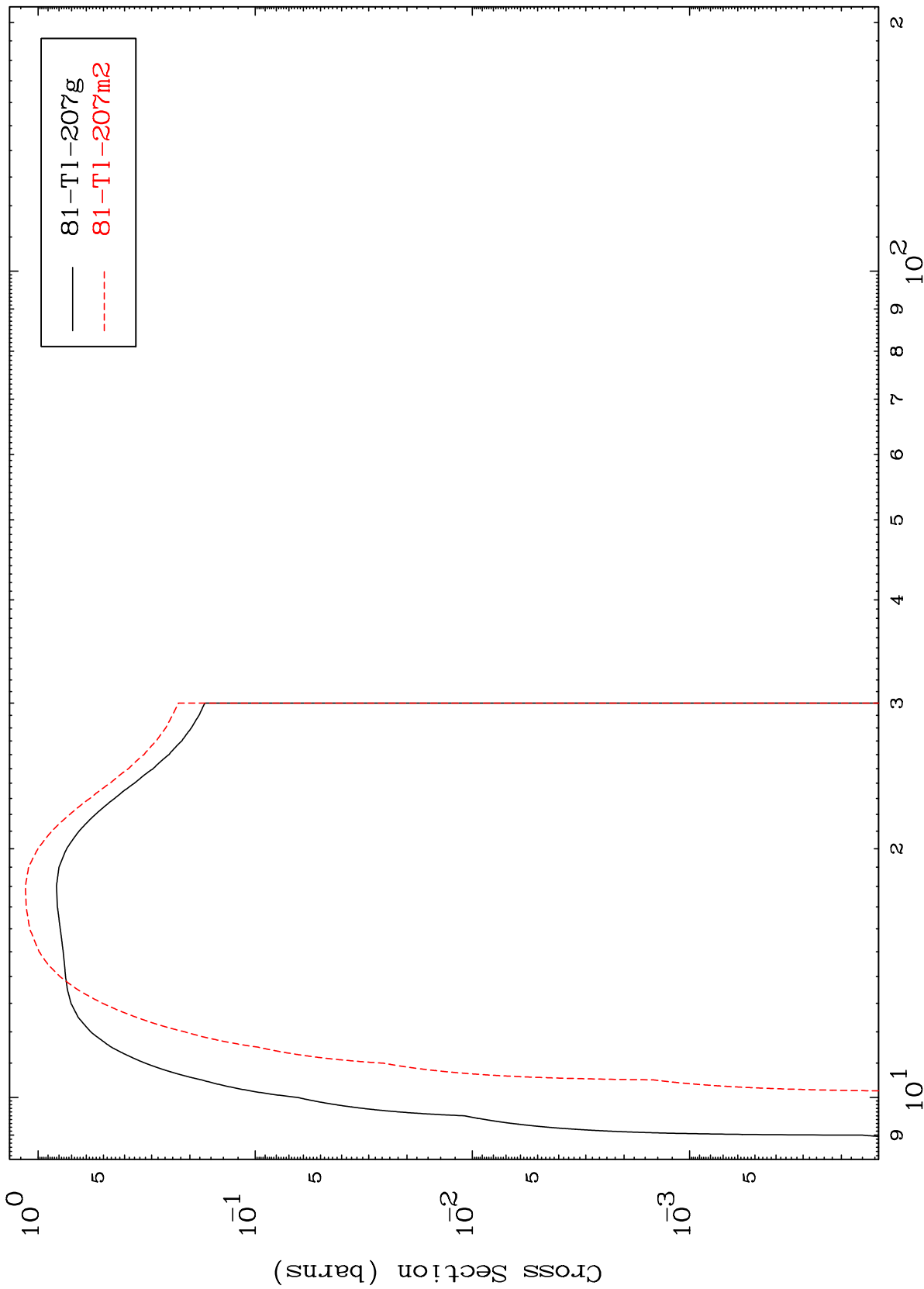
81-T1-209

MAT 8143

81-Tl-209

(n,3n)

Radionuclide Production Cross Section



81-Tl-209

Incident Energy (MeV)

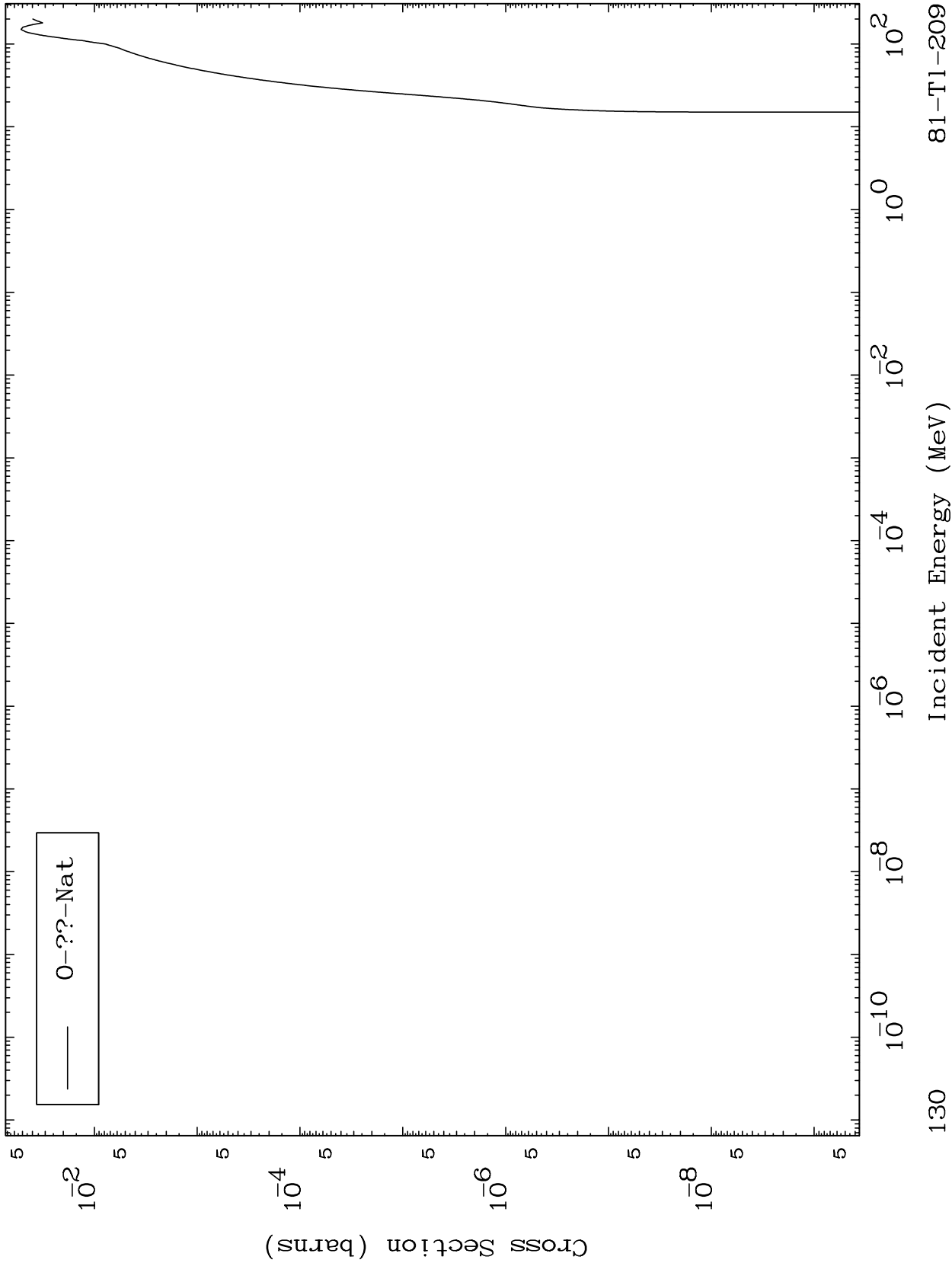
129

MAT 8143

Fission

81-Tl-209

Radionuclide Production Cross Section



130

Incident Energy (MeV)

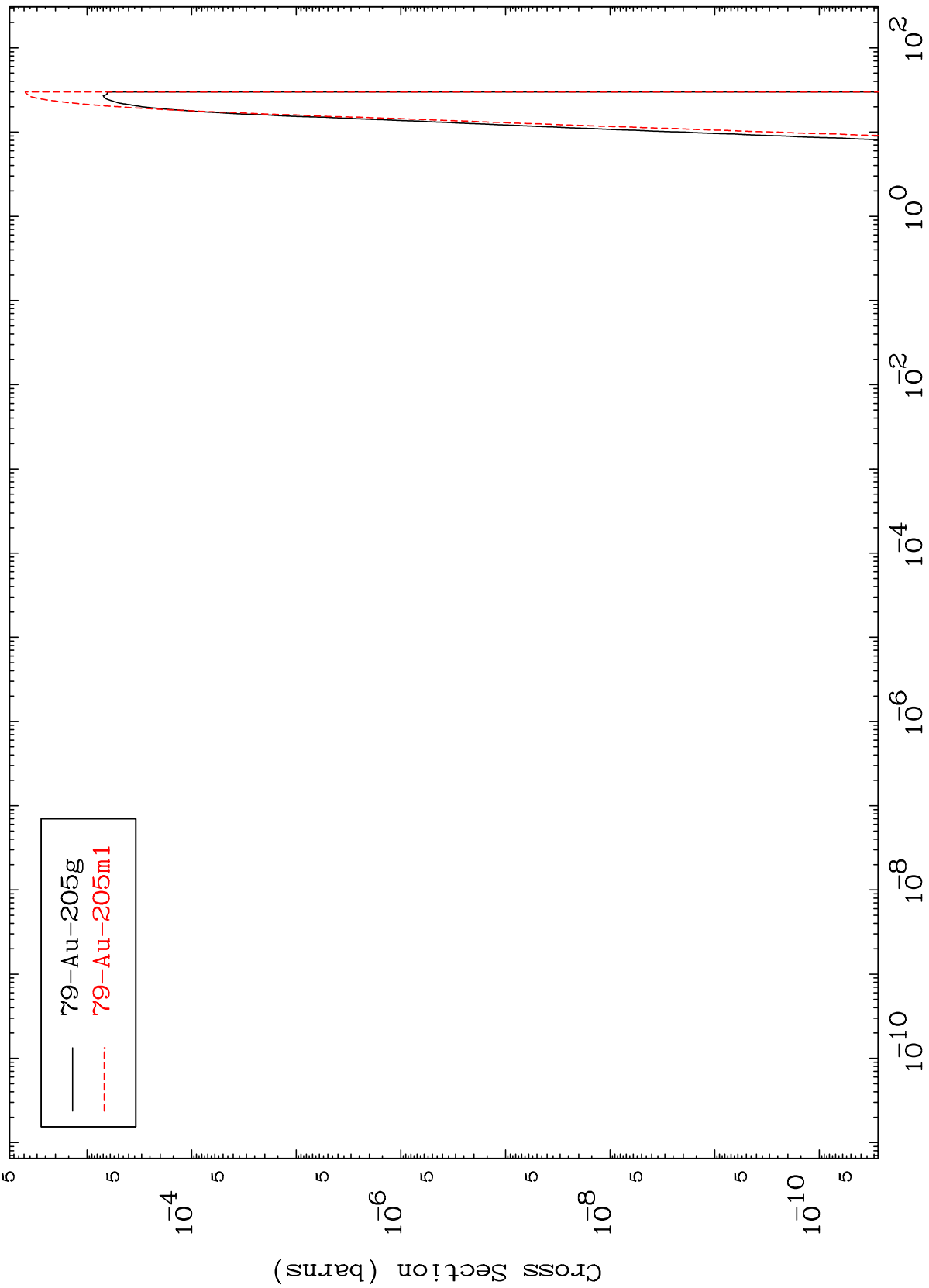
81-Tl-209

MAT 8143

$(n, n') \alpha$

81-Tl-209

Radionuclide Production Cross Section



79-Au-205g
79-Au-205m1

131

Incident Energy (MeV)

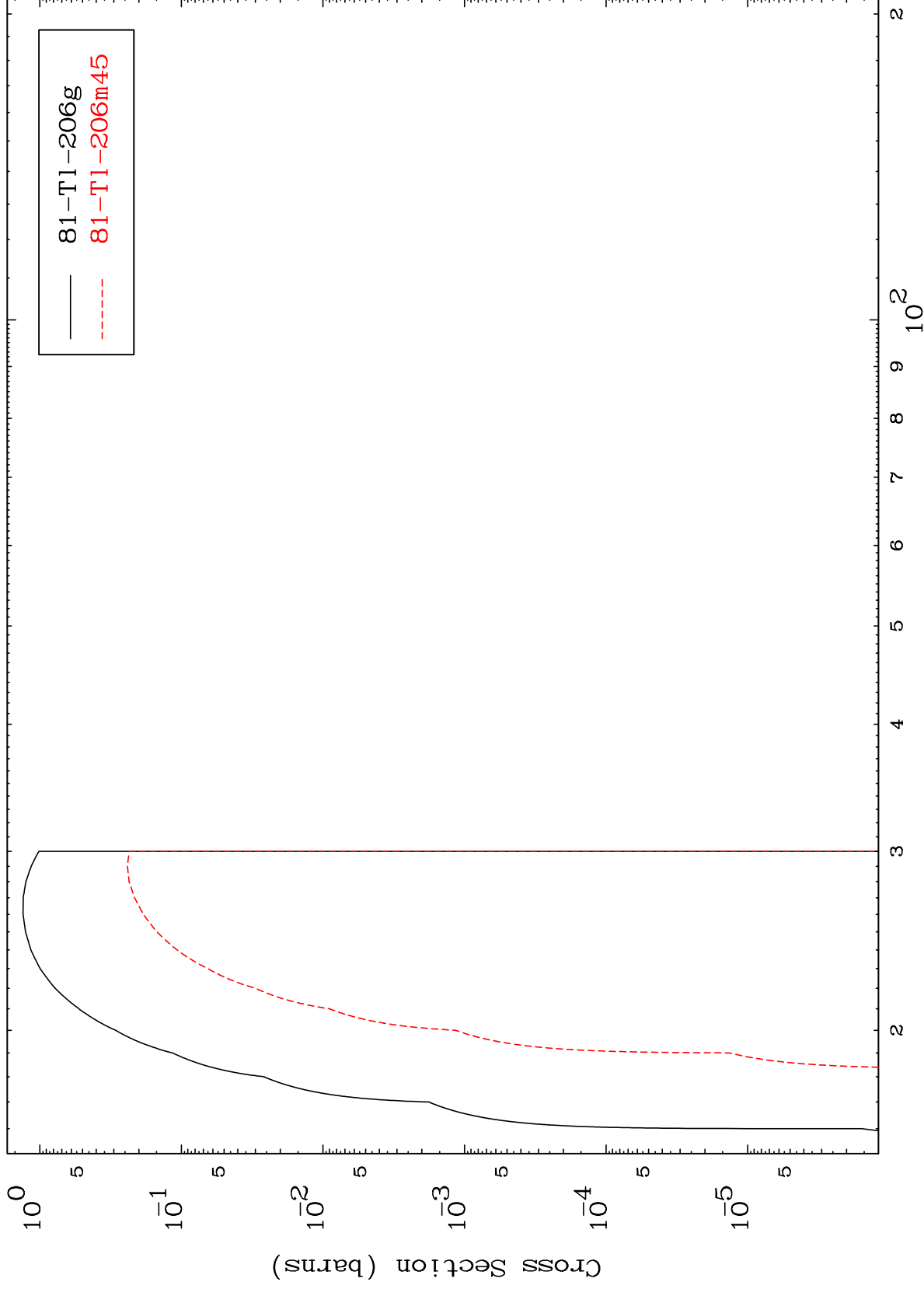
81-Tl-209

MAT 8143

(n,4n)

81-Tl-209

Radionuclide Production Cross Section



132

Incident Energy (MeV)

81-Tl-209