

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

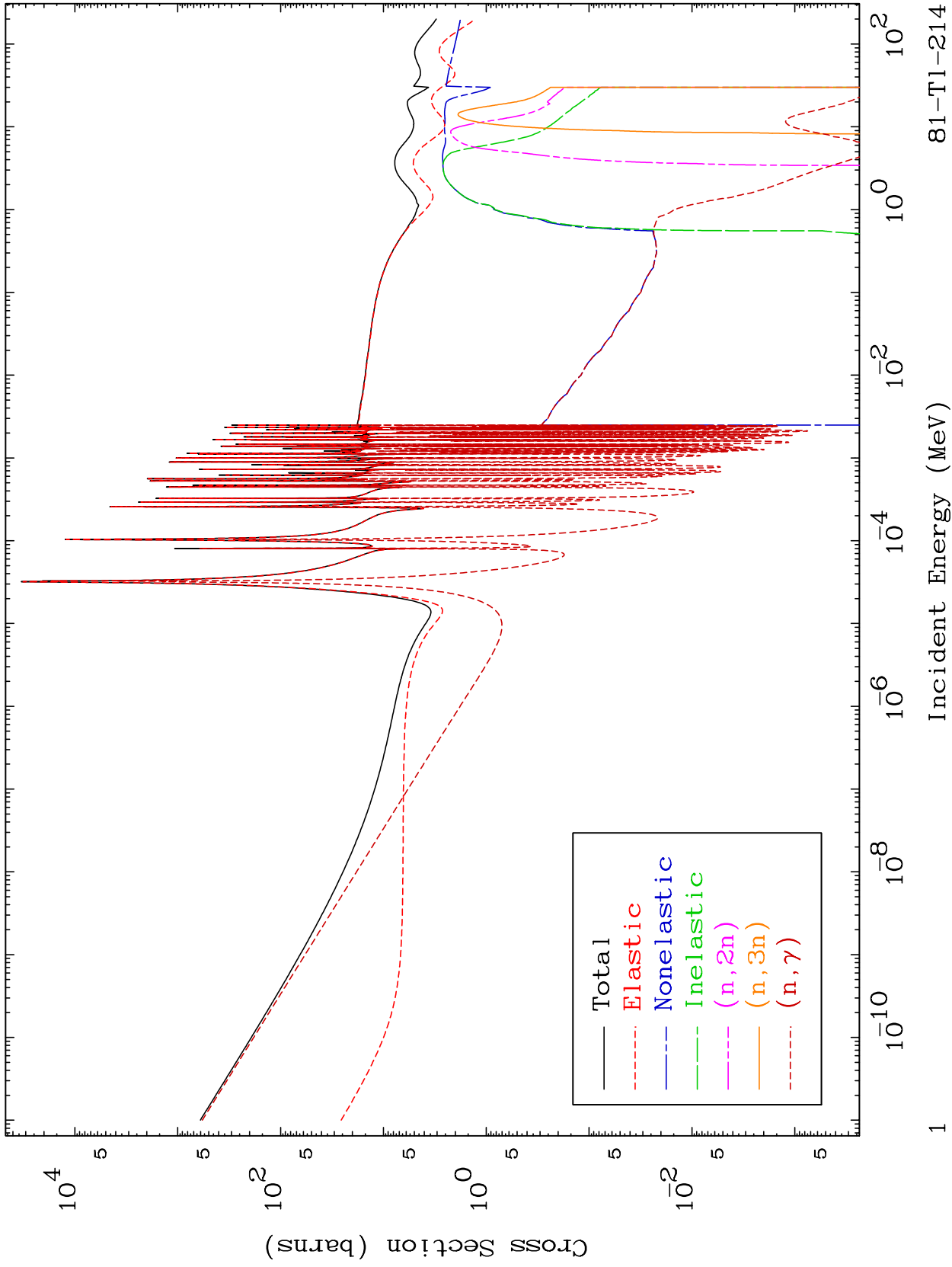
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8158

Neutron Major
293 Kelvin Cross Sections

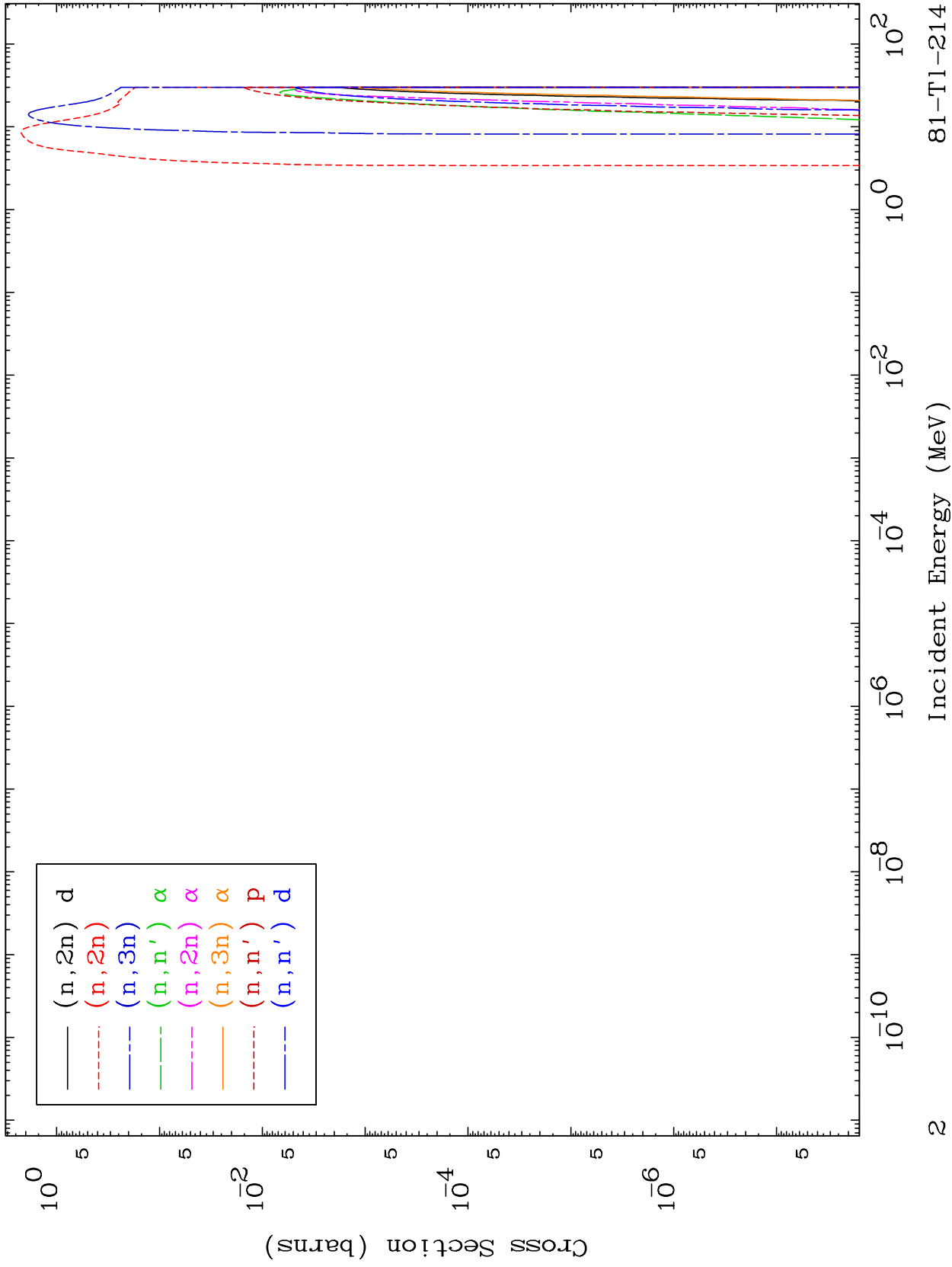
81-Tl-214



MAT 8158

Neutron Absorption
293 Kelvin Cross Sections

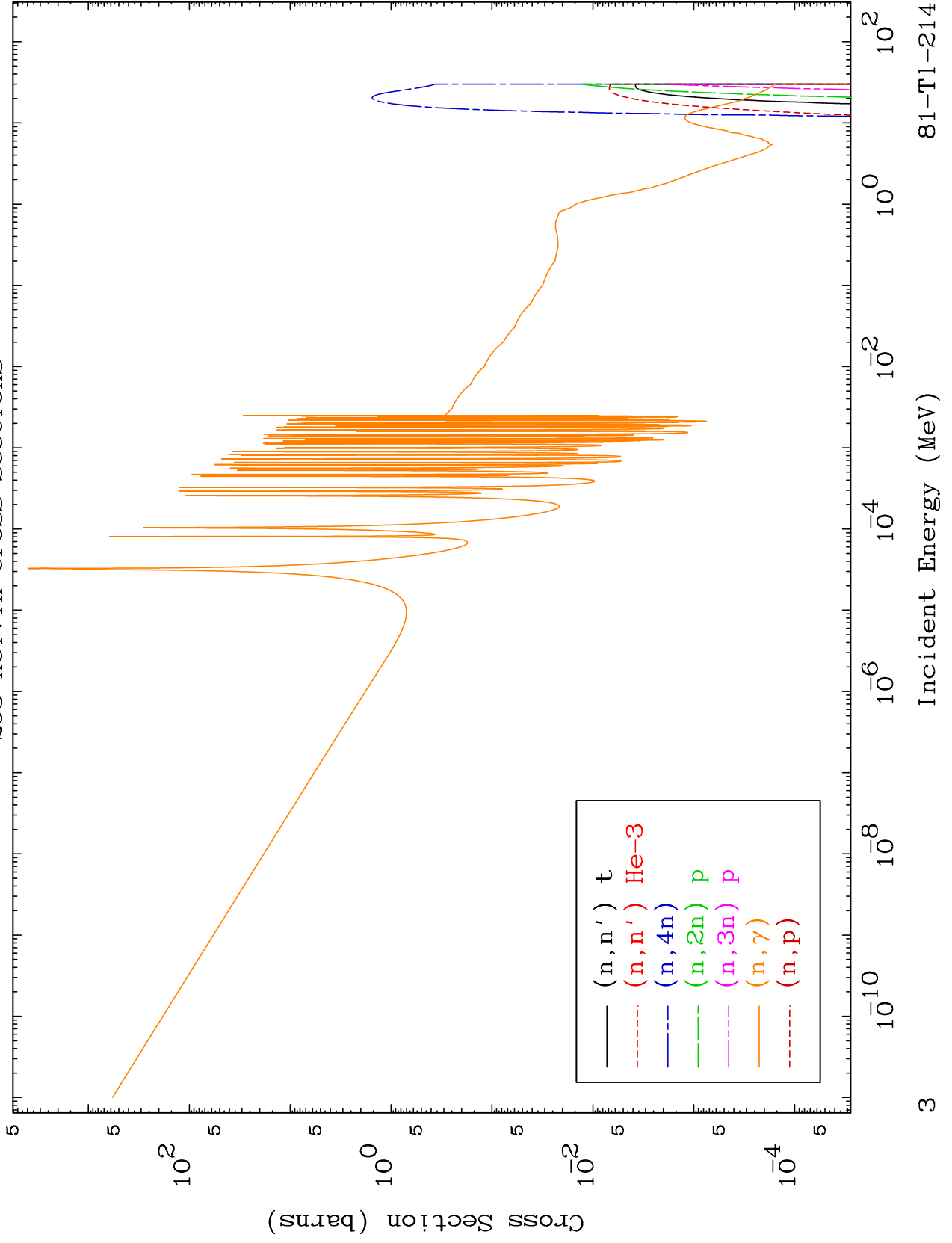
81-Tl-214



MAT 8158

Neutron Absorption
293 Kelvin Cross Sections

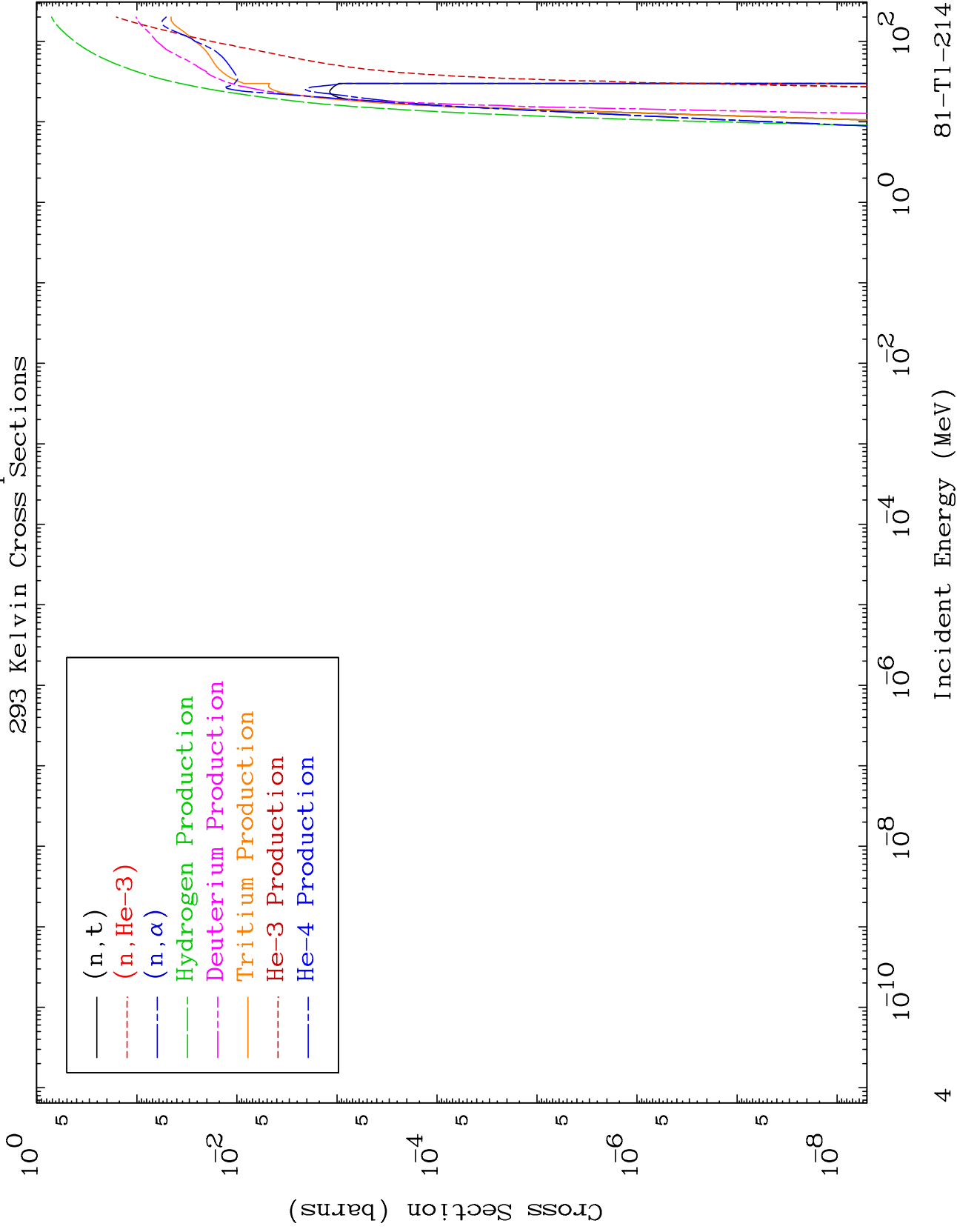
81-Tl-214



MAT 8158

Neutron Absorption
293 Kelvin Cross Sections

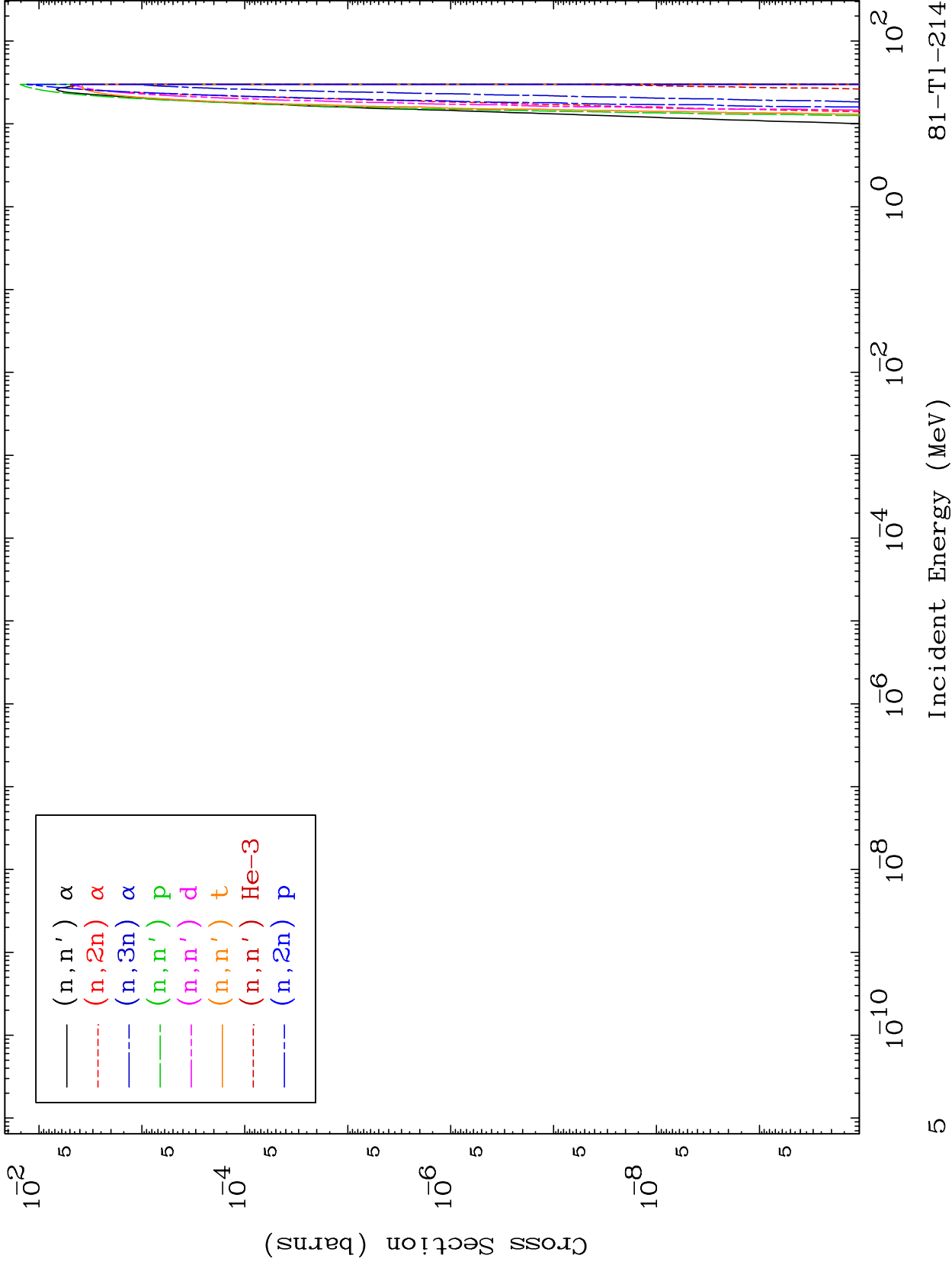
81-Tl-214



MAT 8158

Charged Particle
293 Kelvin Cross Sections

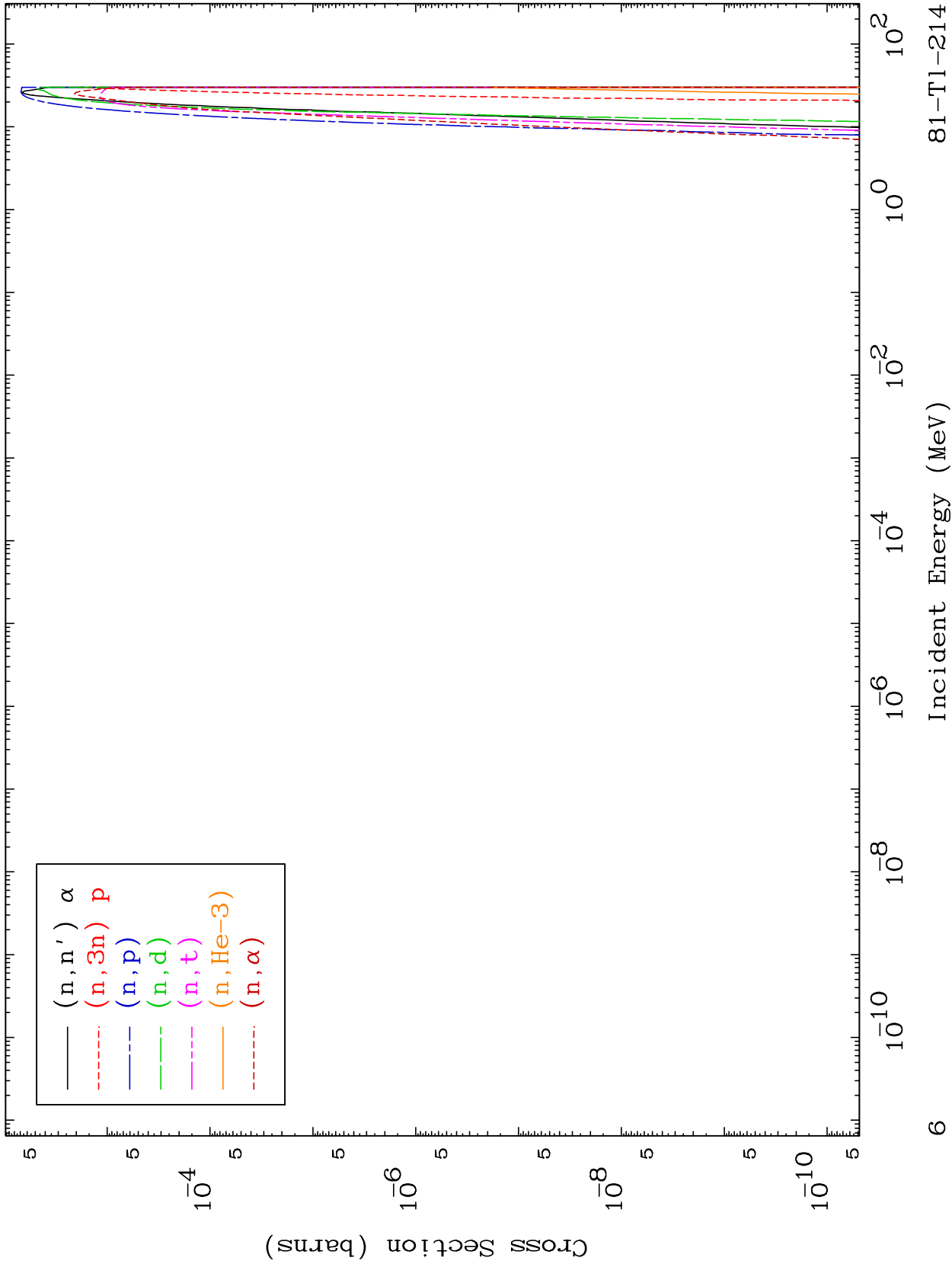
81-Tl-214



MAT 8158

Charged Particle
293 Kelvin Cross Sections

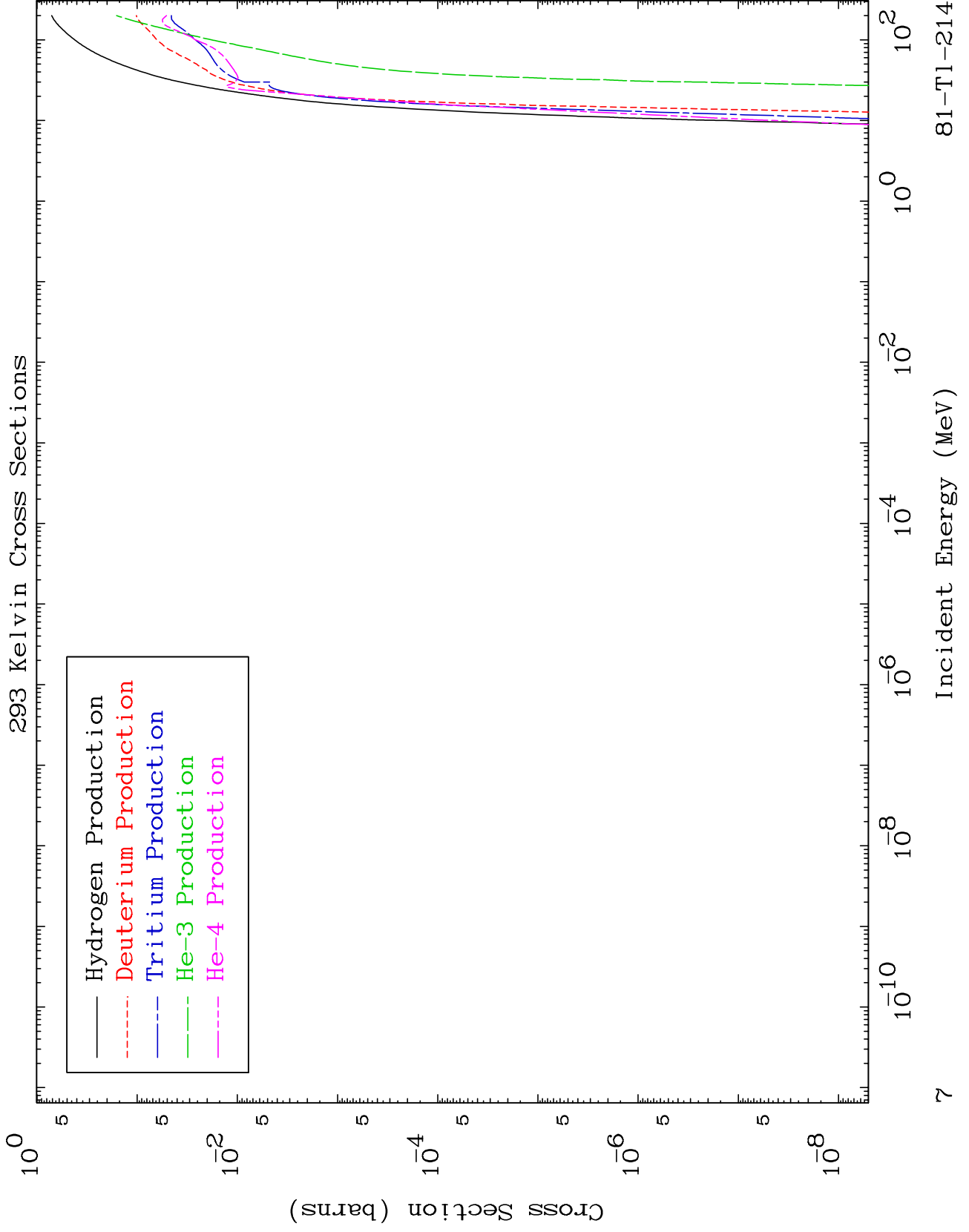
81-Tl-214



MAT 8158

Particle Production
293 Kelvin Cross Sections

81-Tl-214

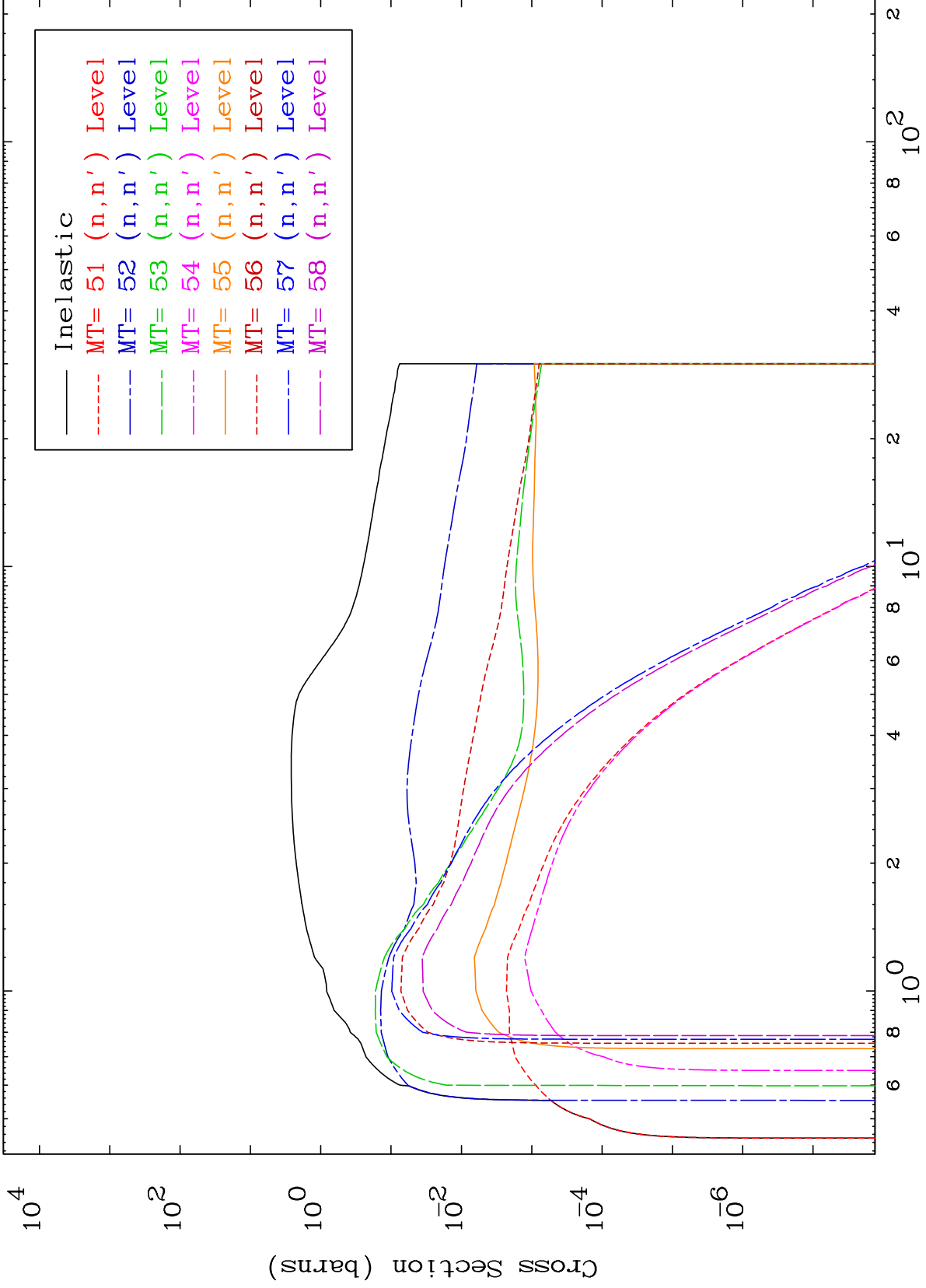


MAT 8158

(n,n') Levels

81-Tl-214

293 Kelvin Cross Sections



8

Incident Energy (MeV)

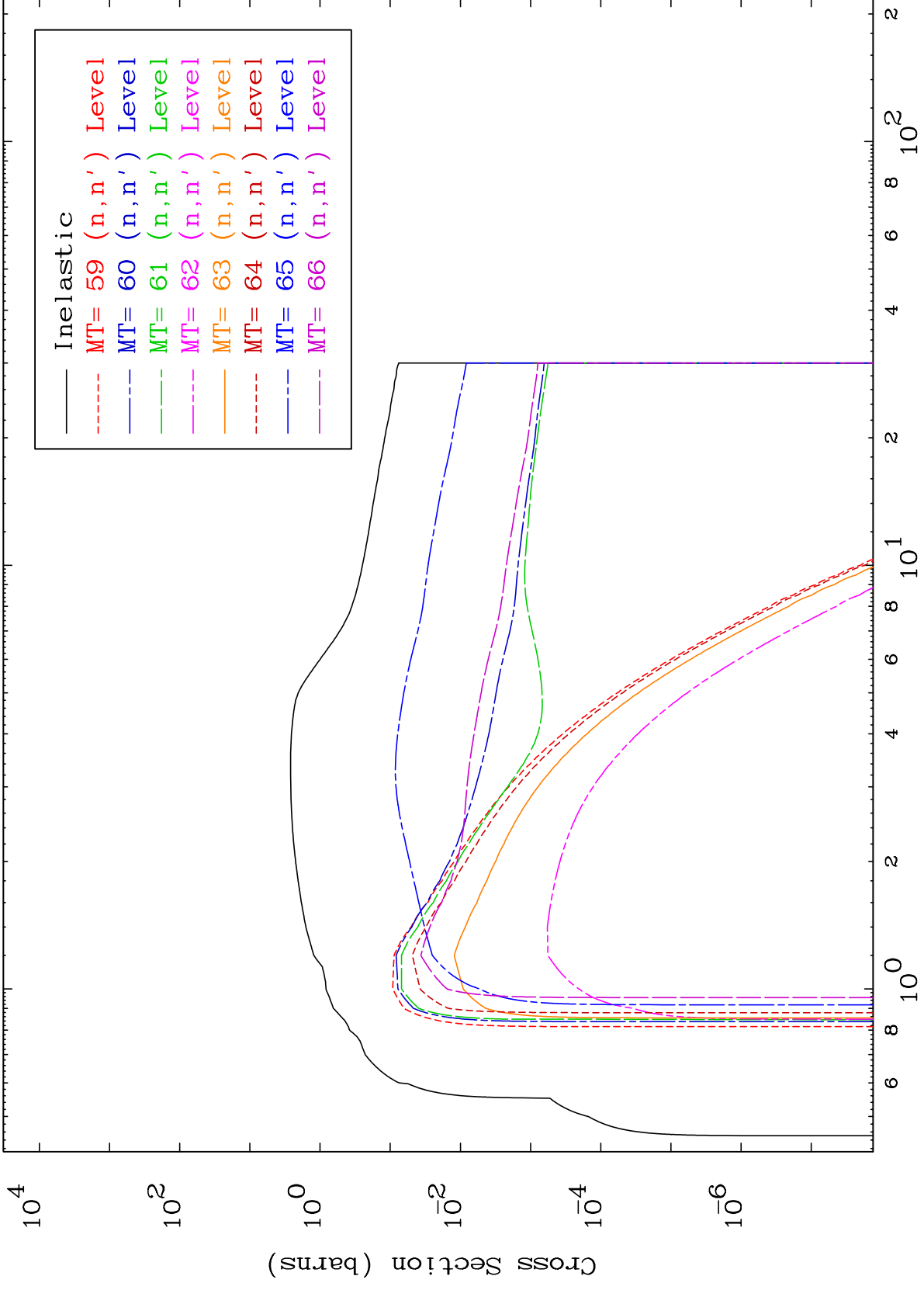
81-Tl-214

MAT 8158

(n,n') Levels

81-Tl-214

293 Kelvin Cross Sections



9

Incident Energy (MeV)

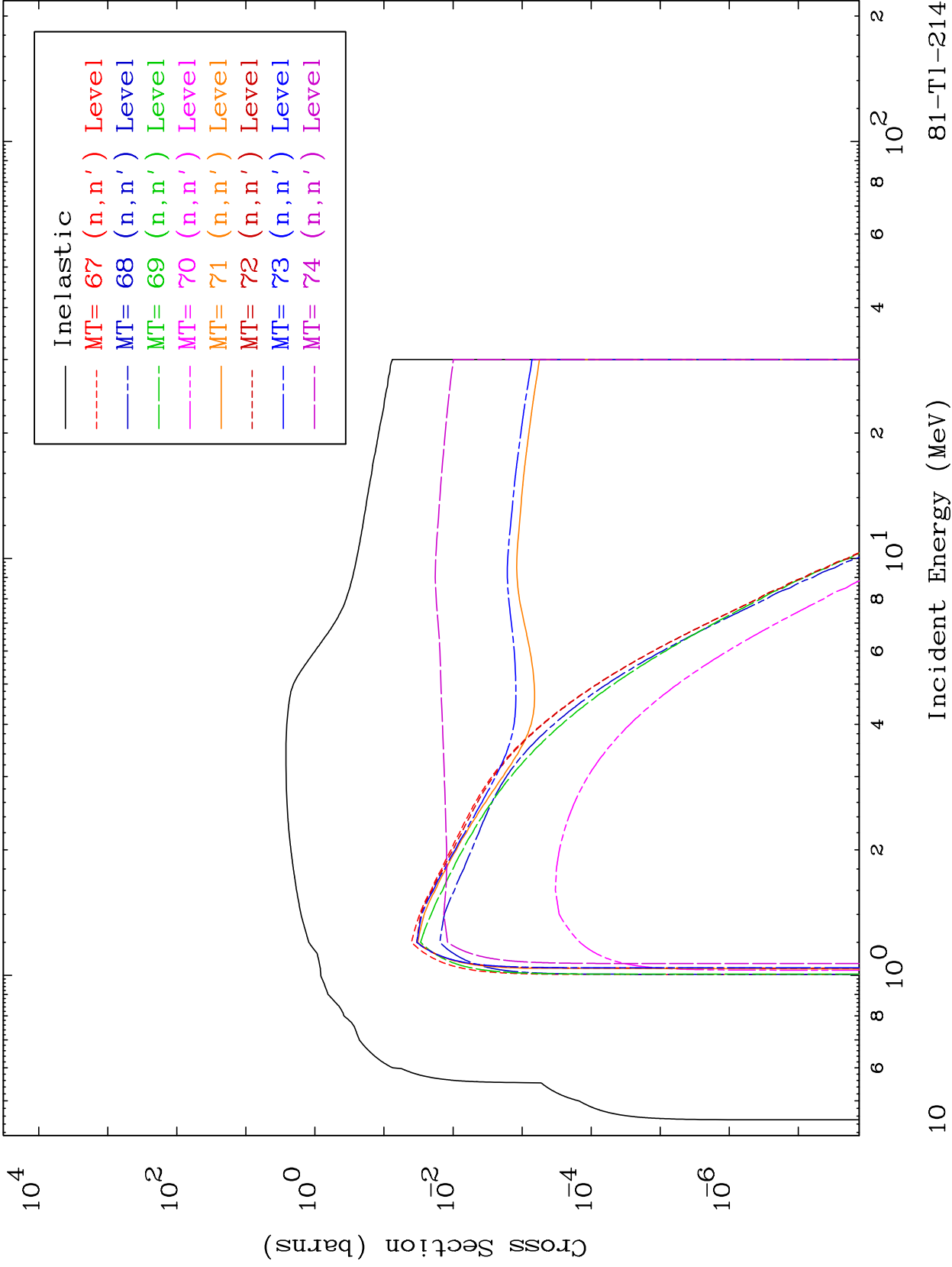
81-Tl-214

MAT 8158

(n,n') Levels

81-Tl-214

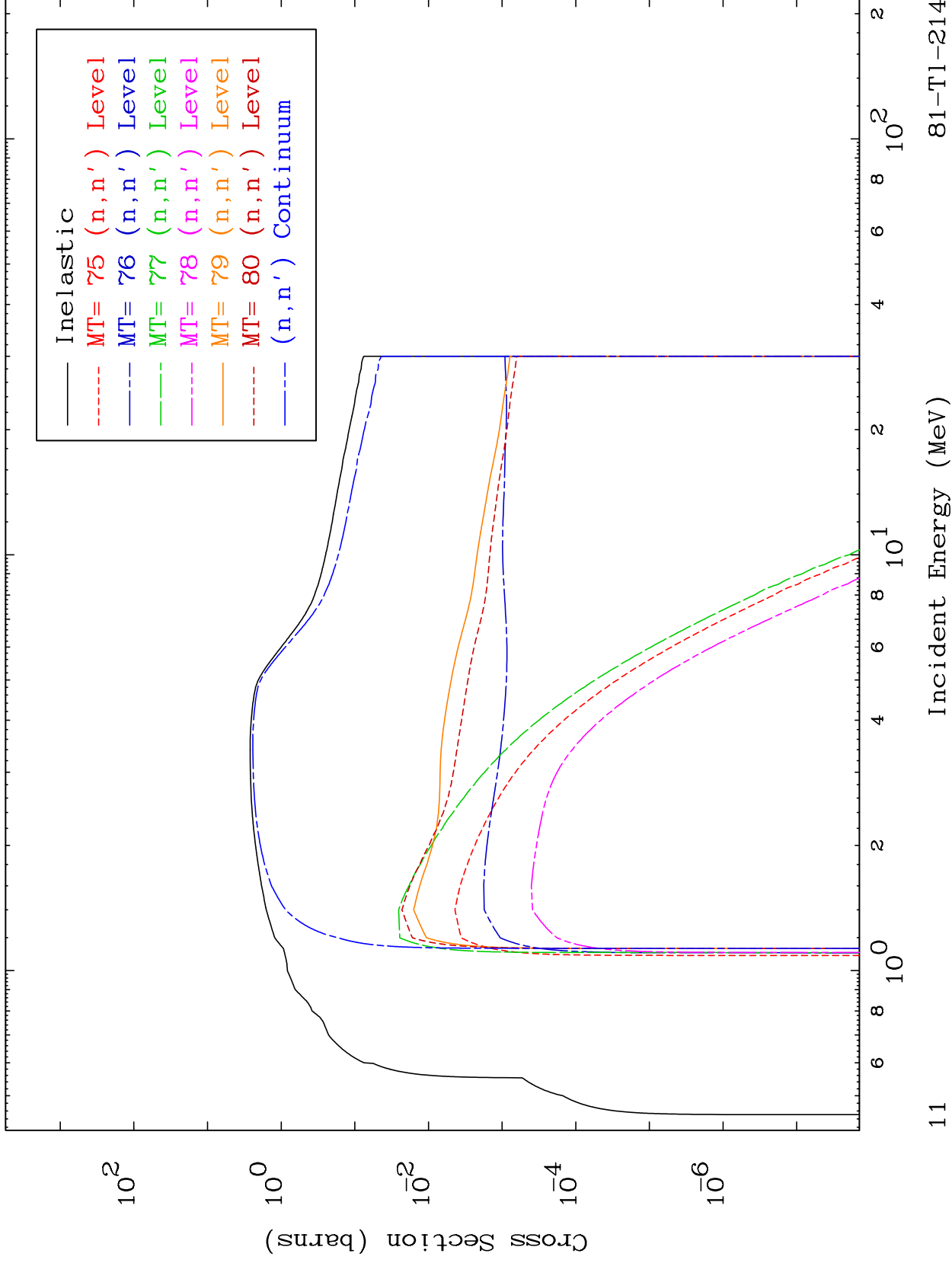
293 Kelvin Cross Sections



10

Incident Energy (MeV)

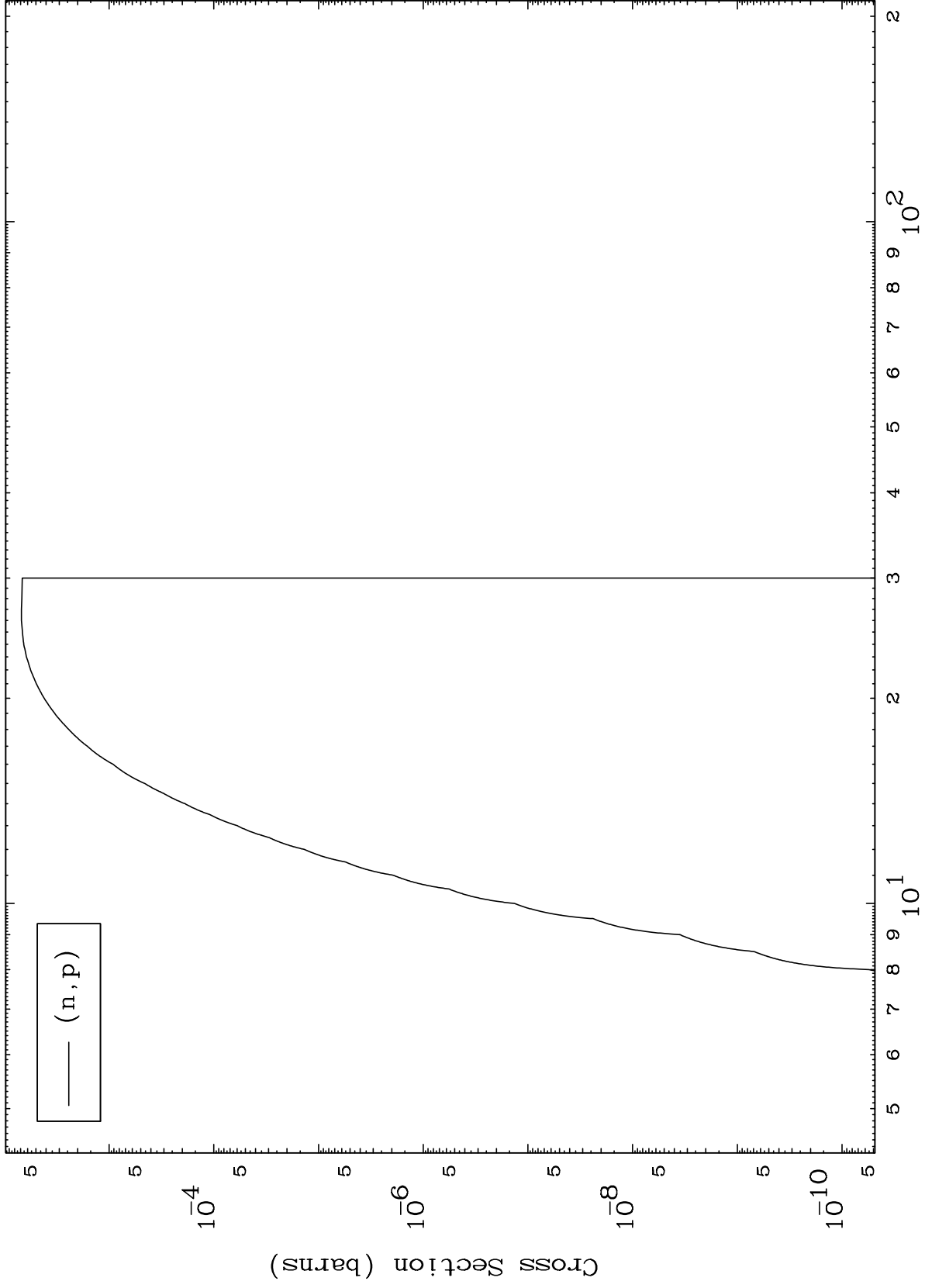
81-Tl-214



MAT 8158

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-214



12

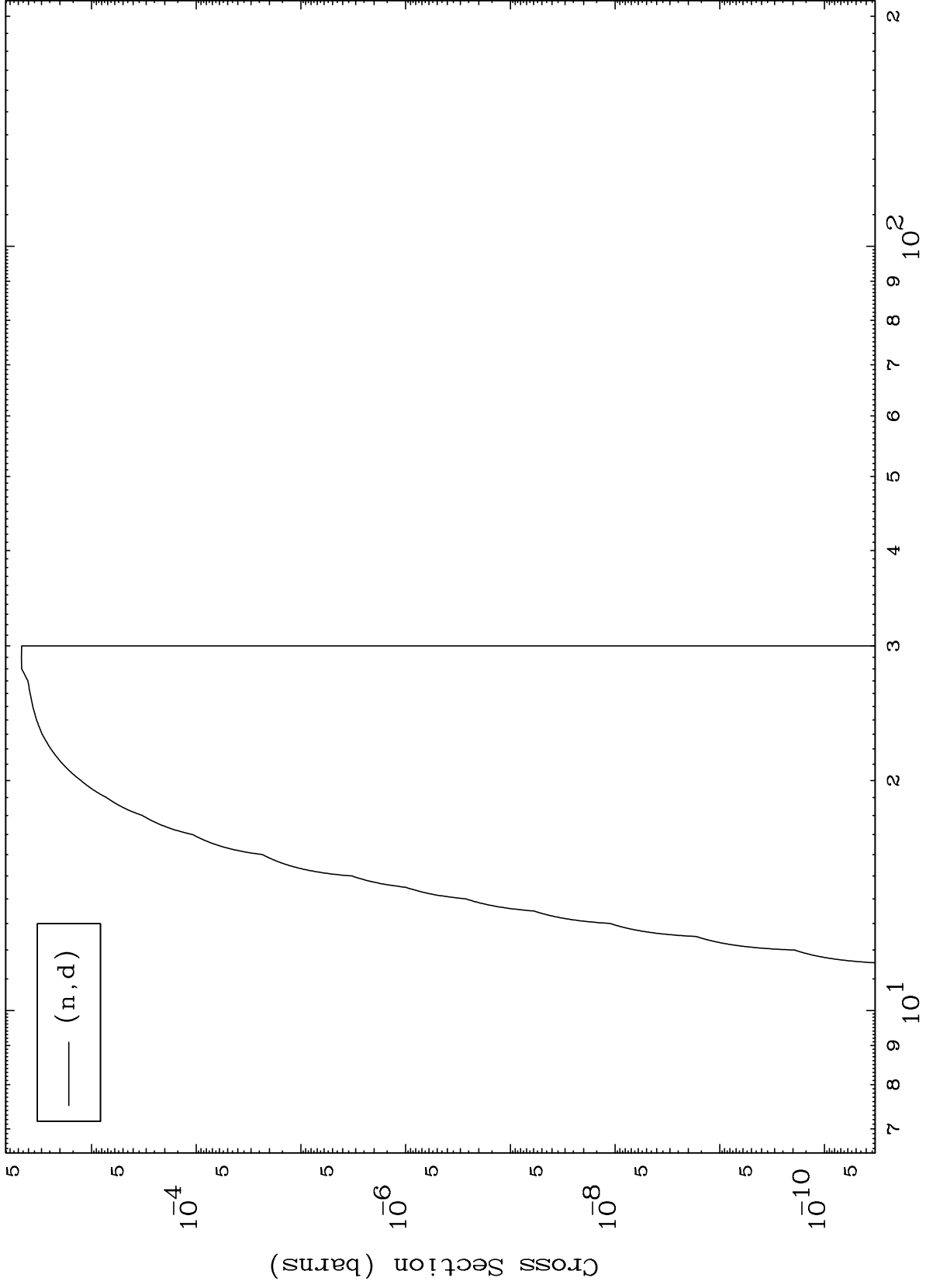
Incident Energy (MeV)

81-Tl-214

MAT 8158

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-214



13

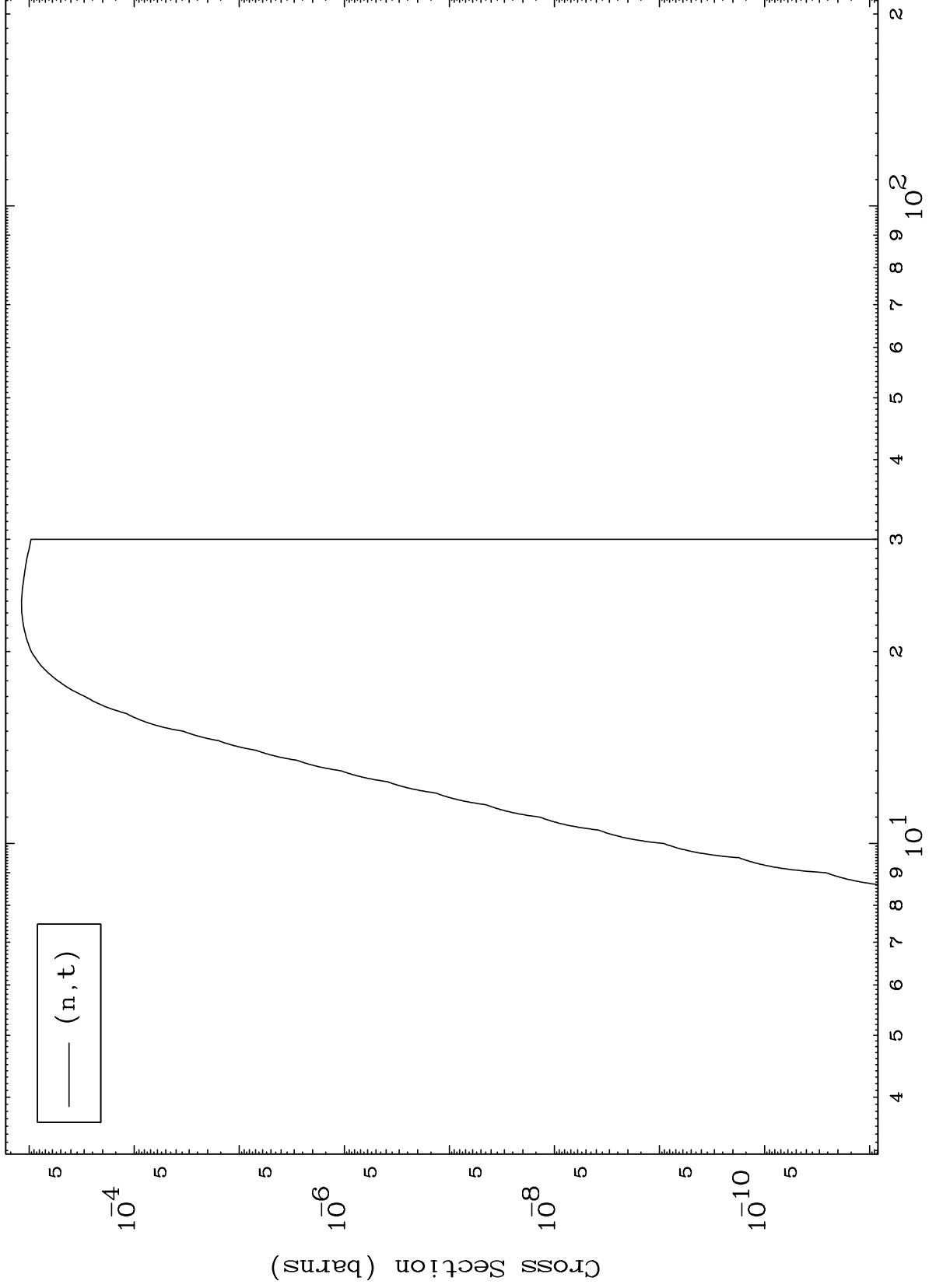
Incident Energy (MeV)

81-Tl-214

MAT 8158

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-214



14

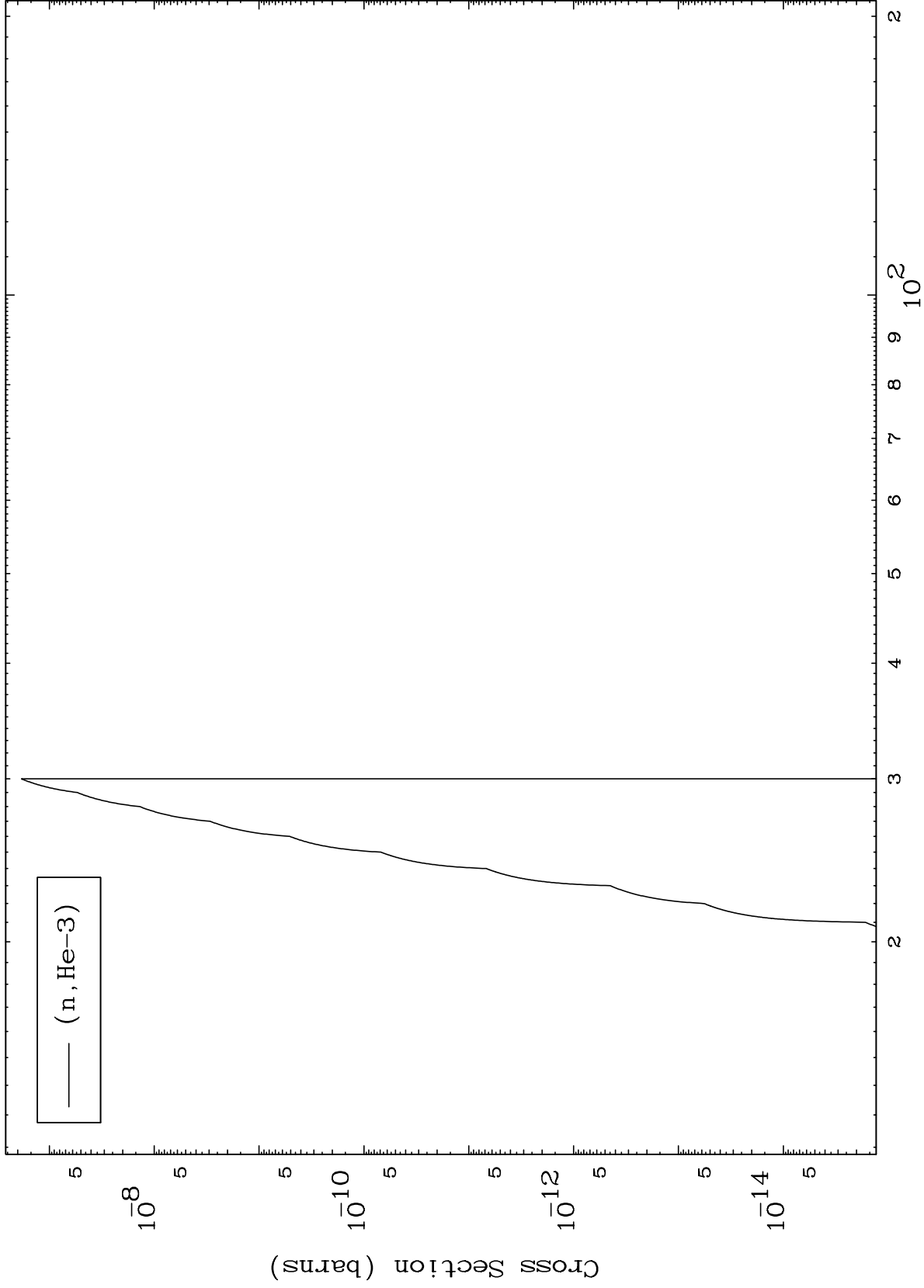
Incident Energy (MeV)

81-Tl-214

MAT 8158

(n,He3) Levels
293 Kelvin Cross Sections

81-Tl-214



15

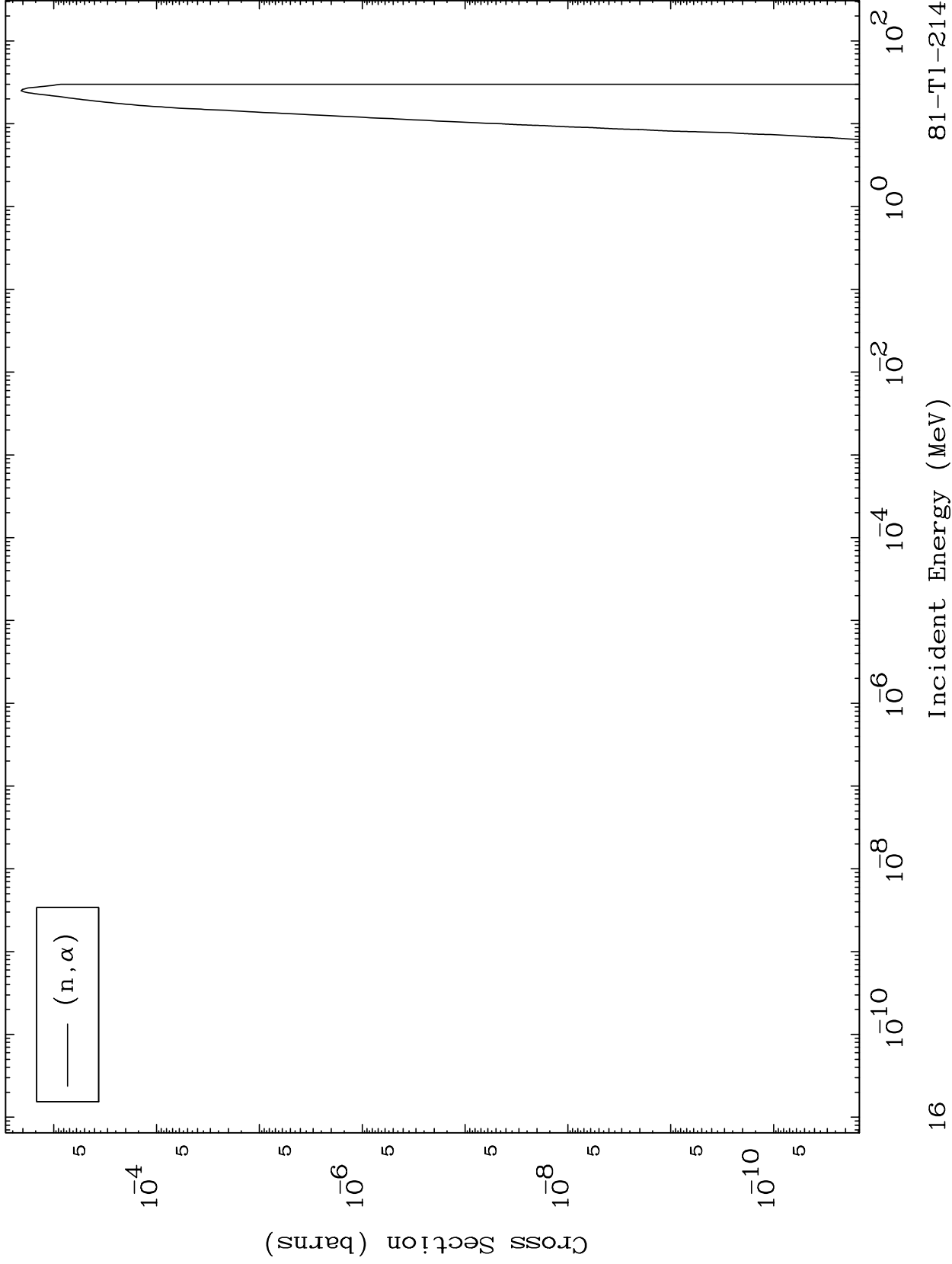
Incident Energy (MeV)

81-Tl-214

MAT 8158

(n, α) Levels
293 Kelvin Cross Sections

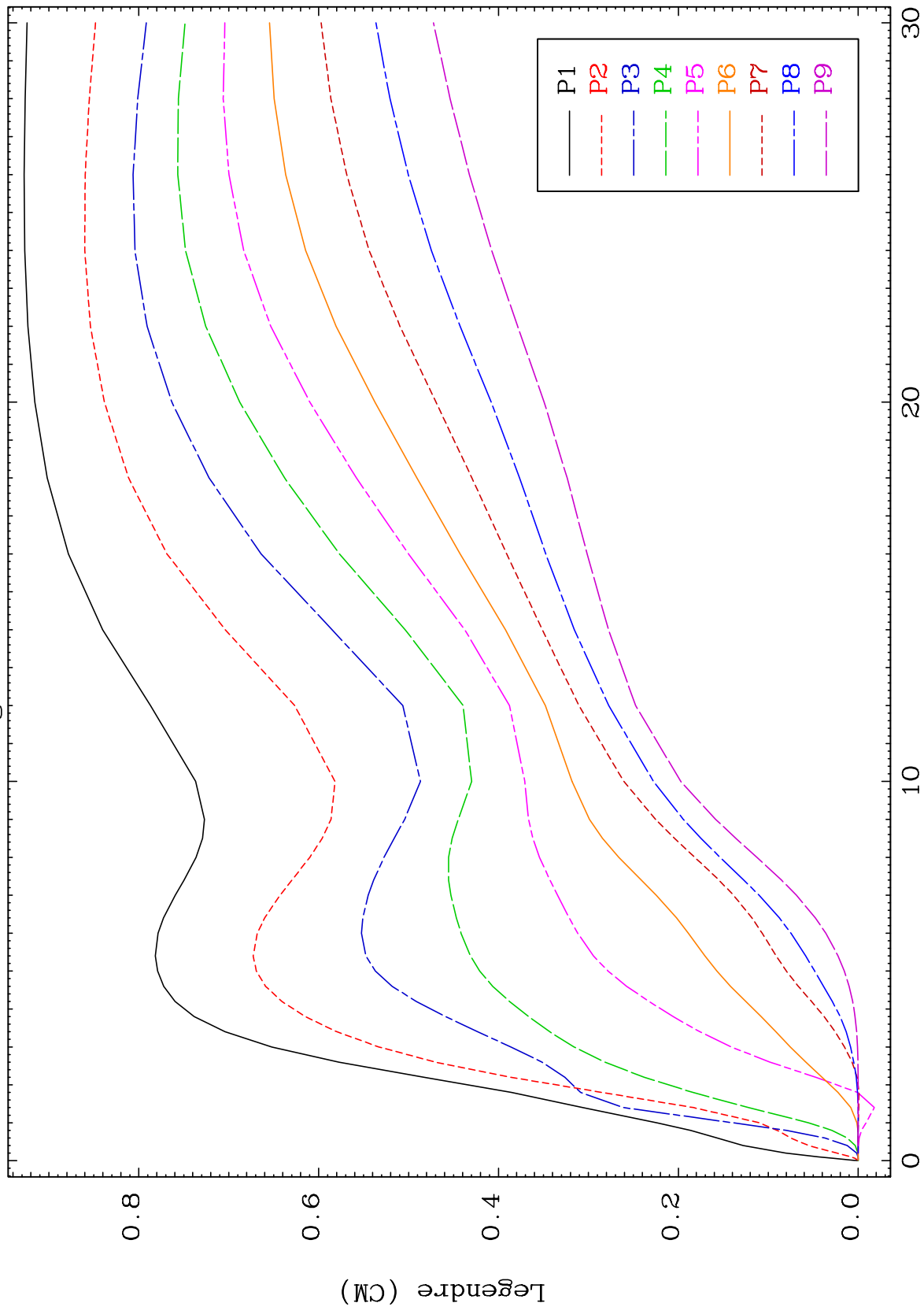
81-Tl-214



MAT 8158

Elastic Legendre Coefficients

81-Tl-214



17

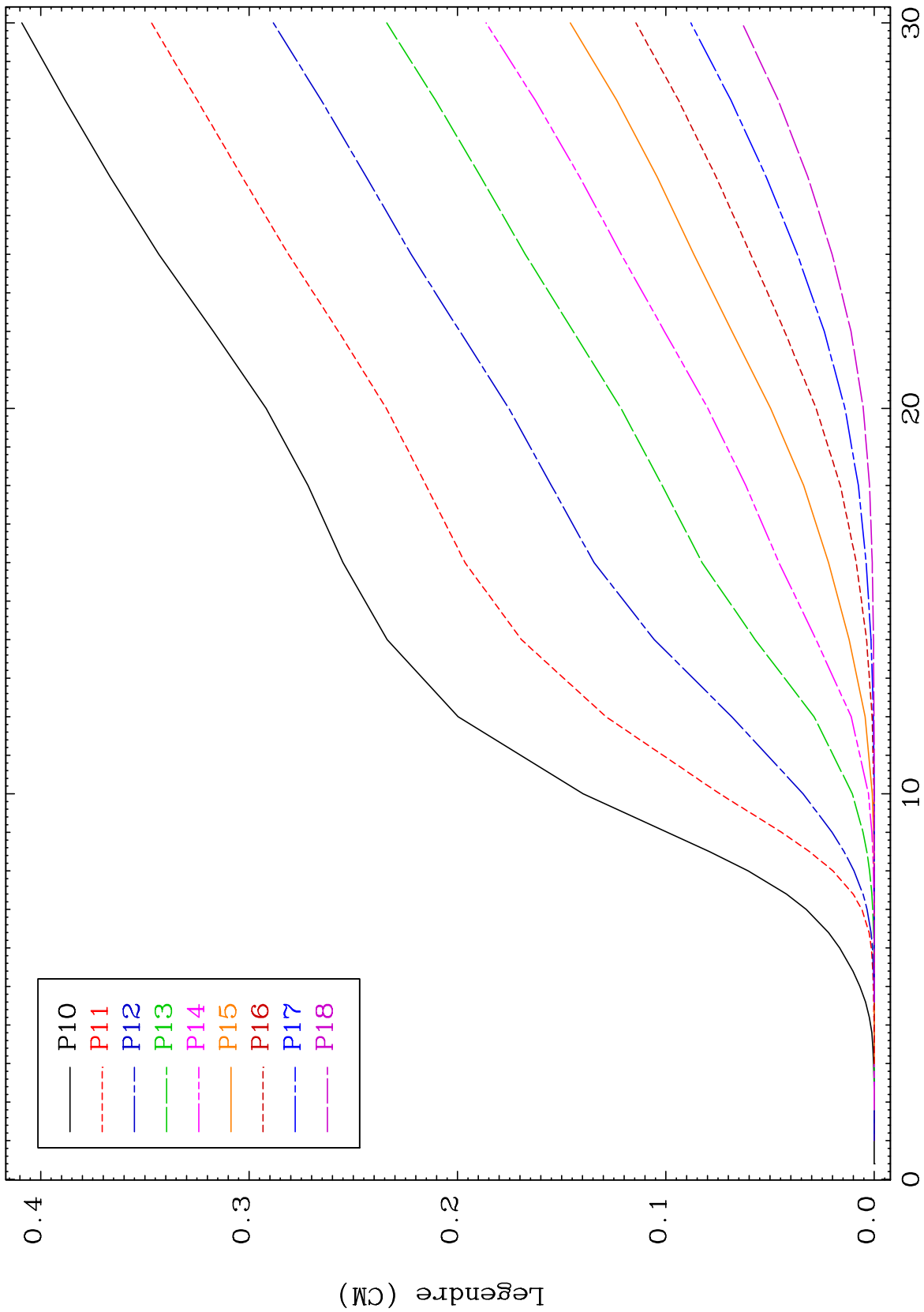
Incident Energy (MeV)

81-Tl-214

MAT 8158

Elastic Legendre Coefficients

81-Tl-214



18

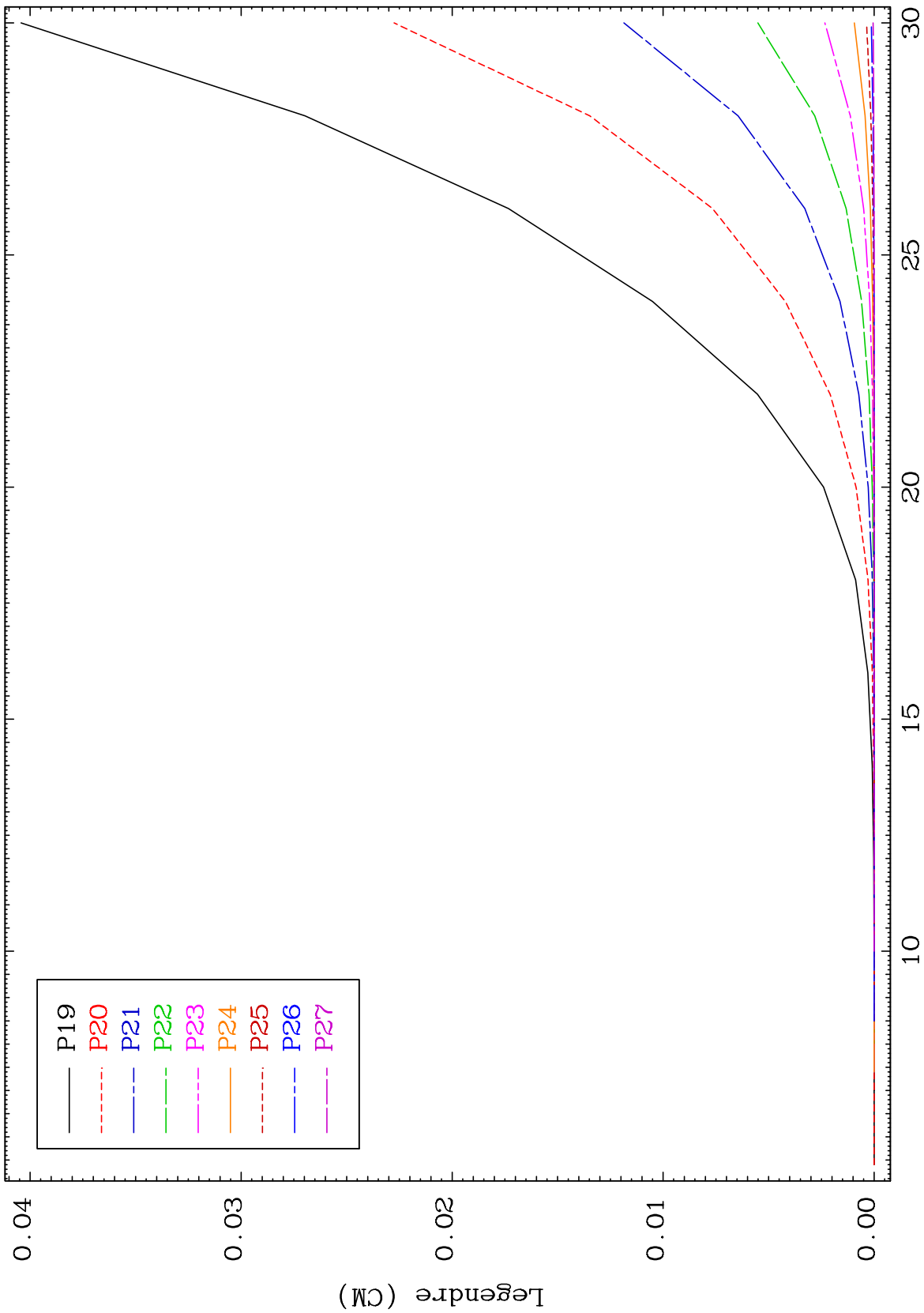
Incident Energy (MeV)

81-Tl-214

MAT 8158

Elastic
Legendre Coefficients

81-Tl-214



19

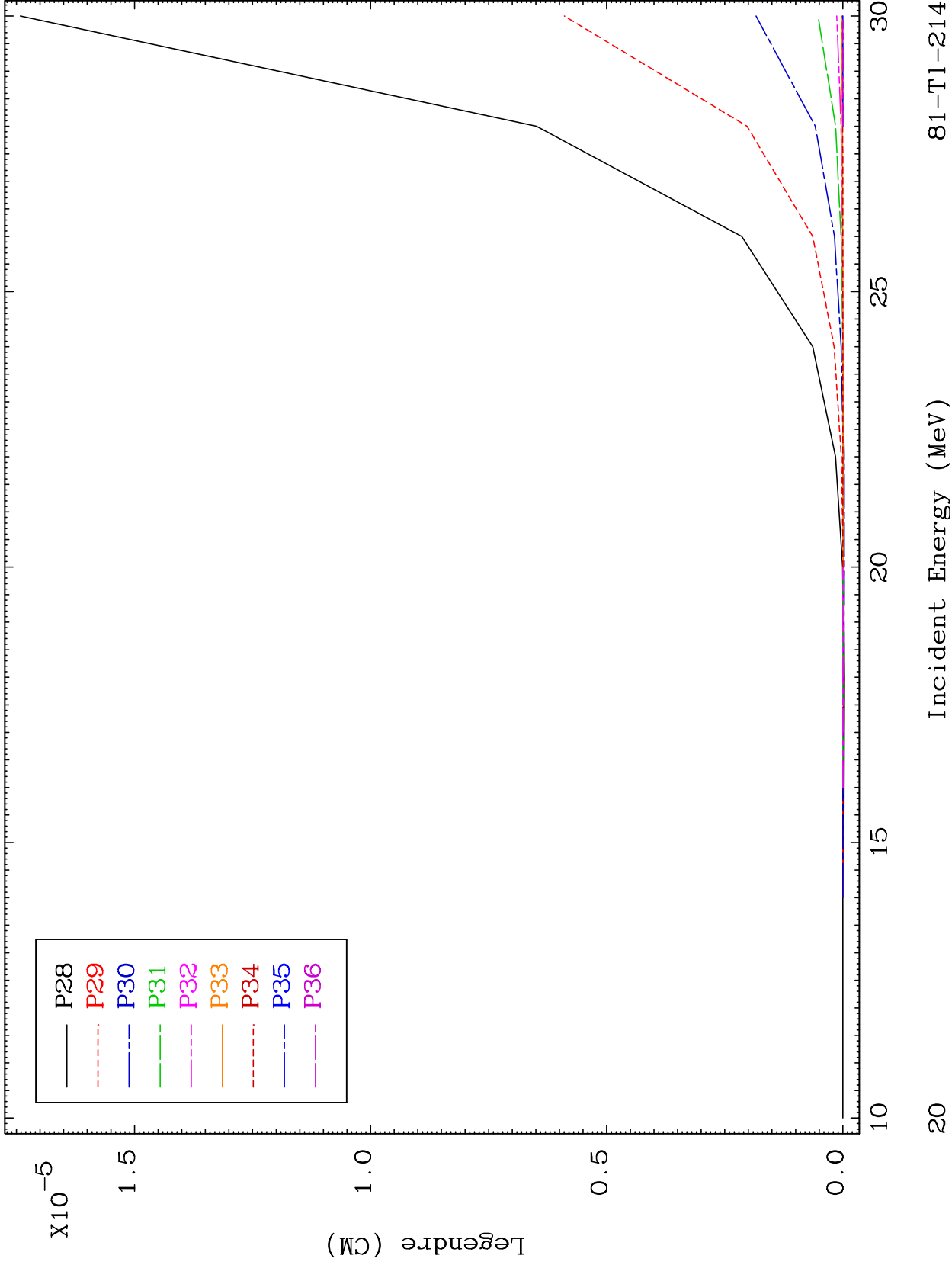
Incident Energy (MeV)

81-Tl-214

MAT 8158

Elastic Legendre Coefficients

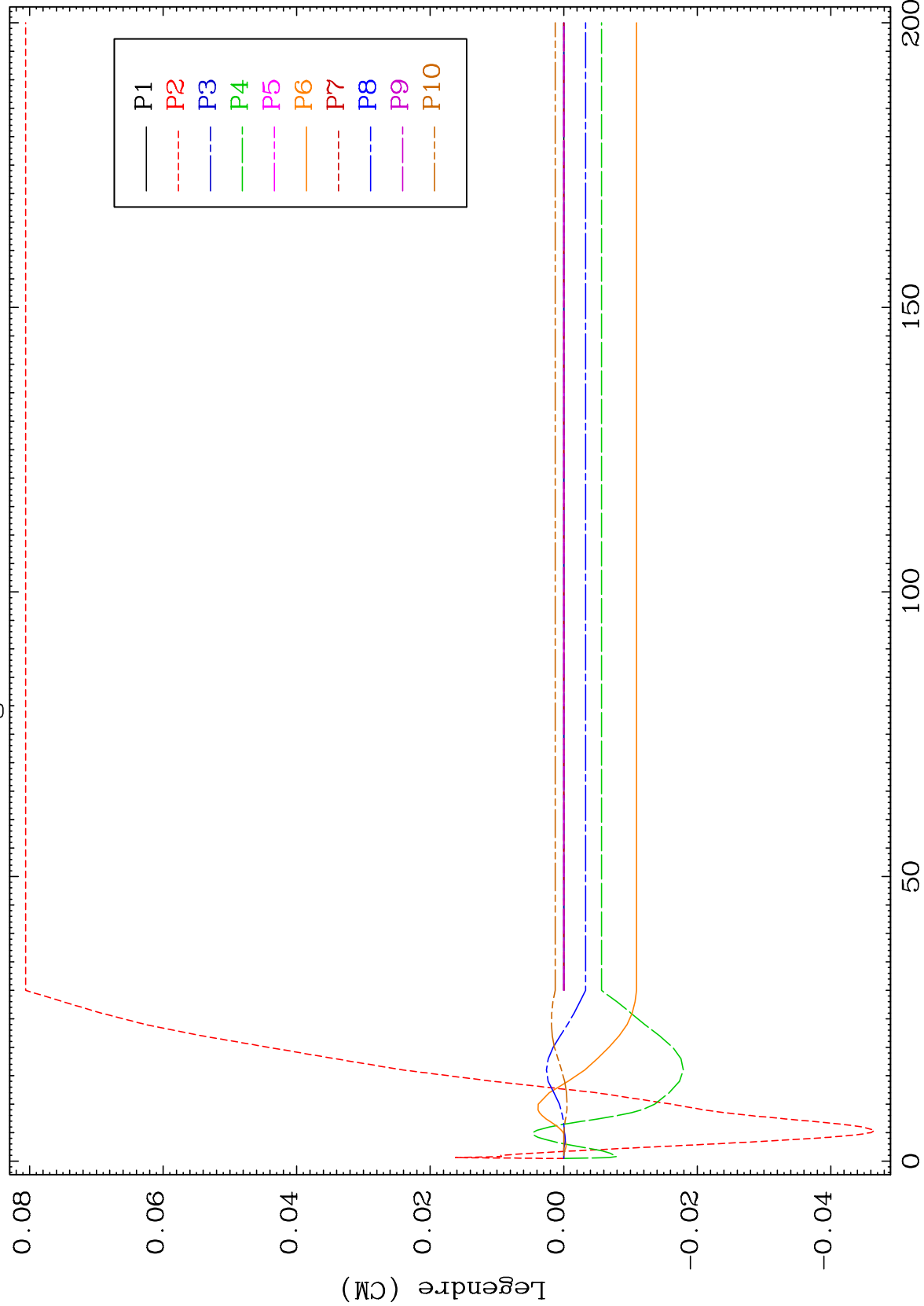
81-Tl-214



MAT 8158

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

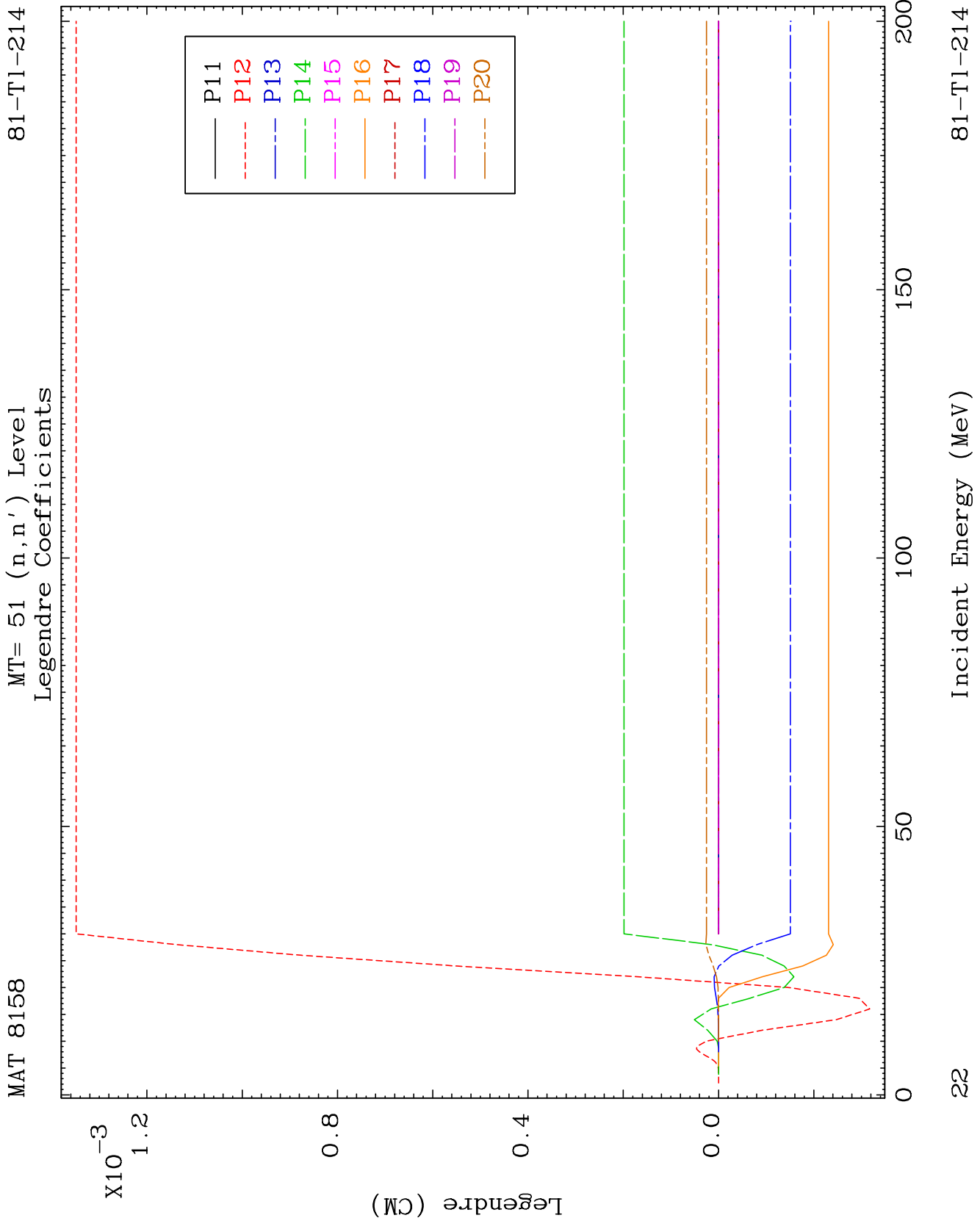
81-T1-214

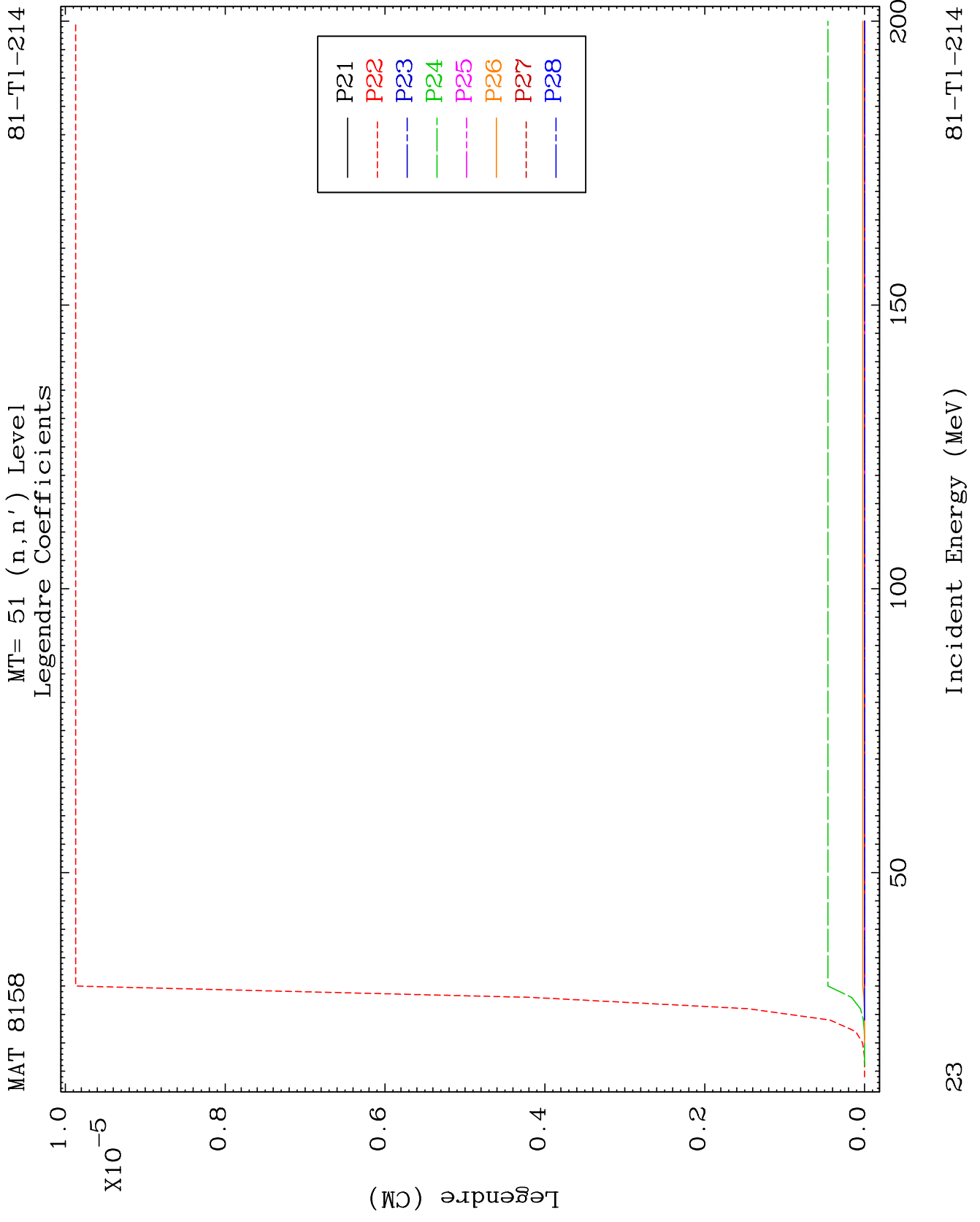


21

Incident Energy (MeV)

81-T1-214



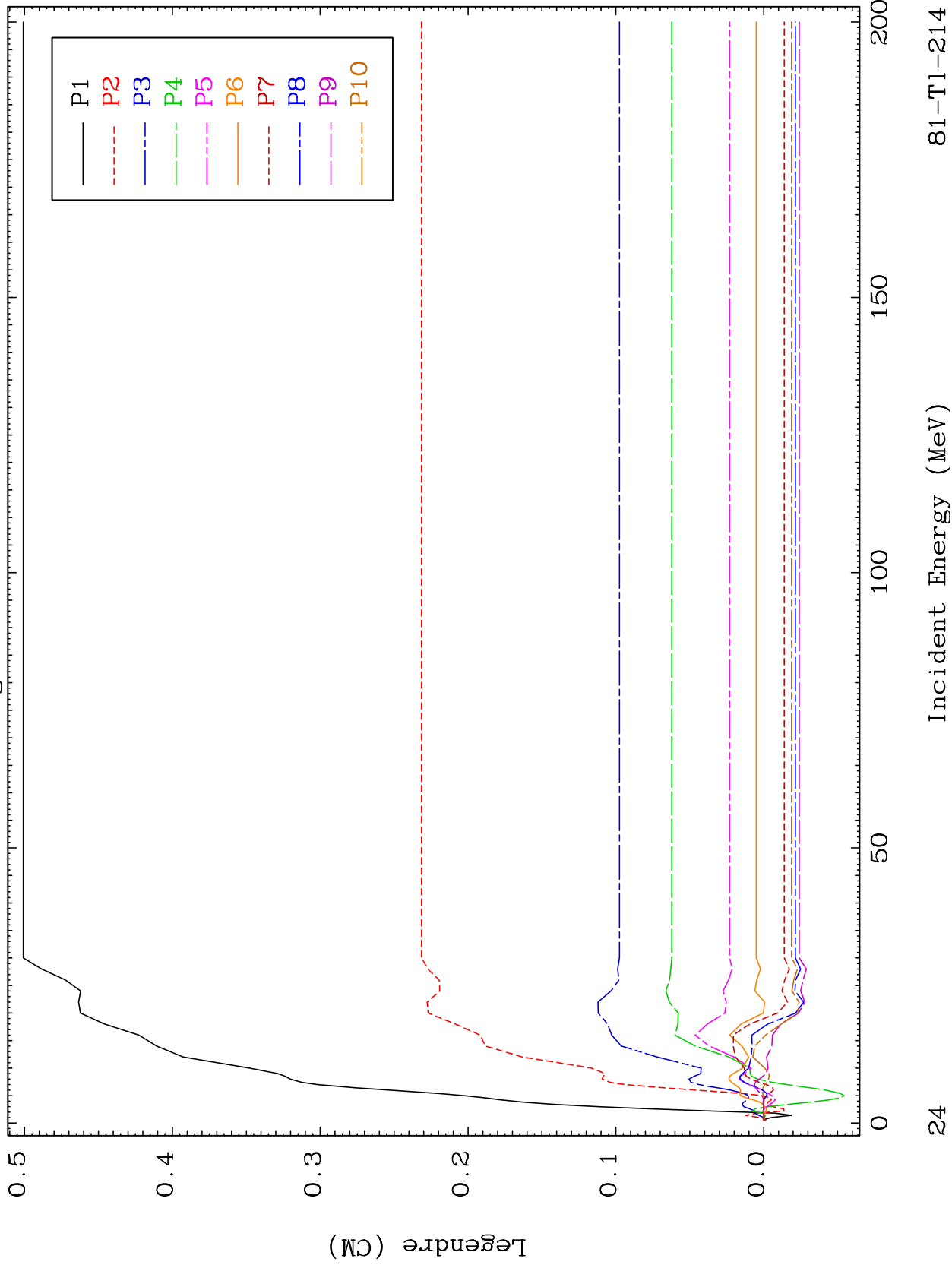


MAT 8158

MT= 52 (n,n') Level

81-Tl-214

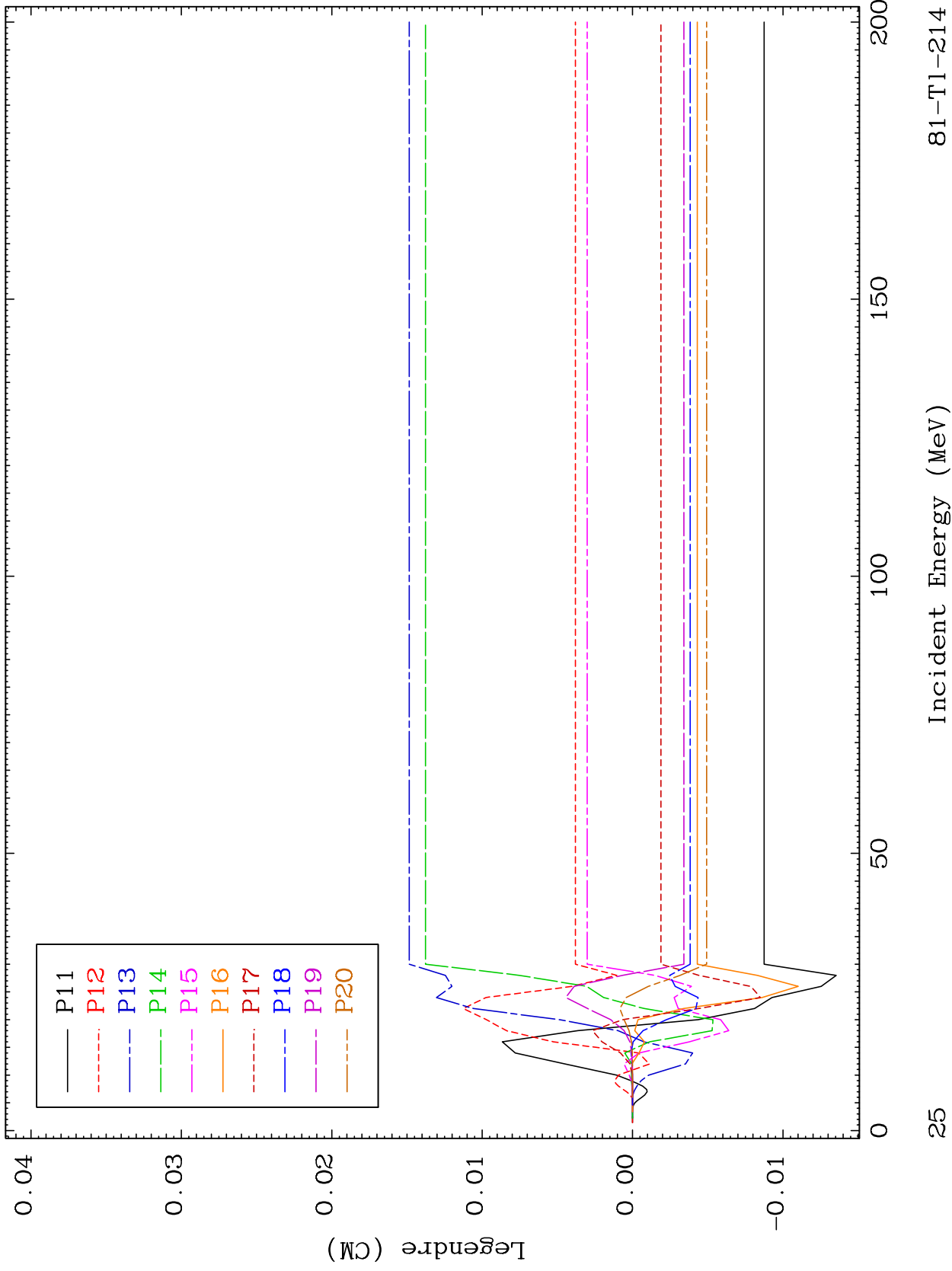
Legendre Coefficients

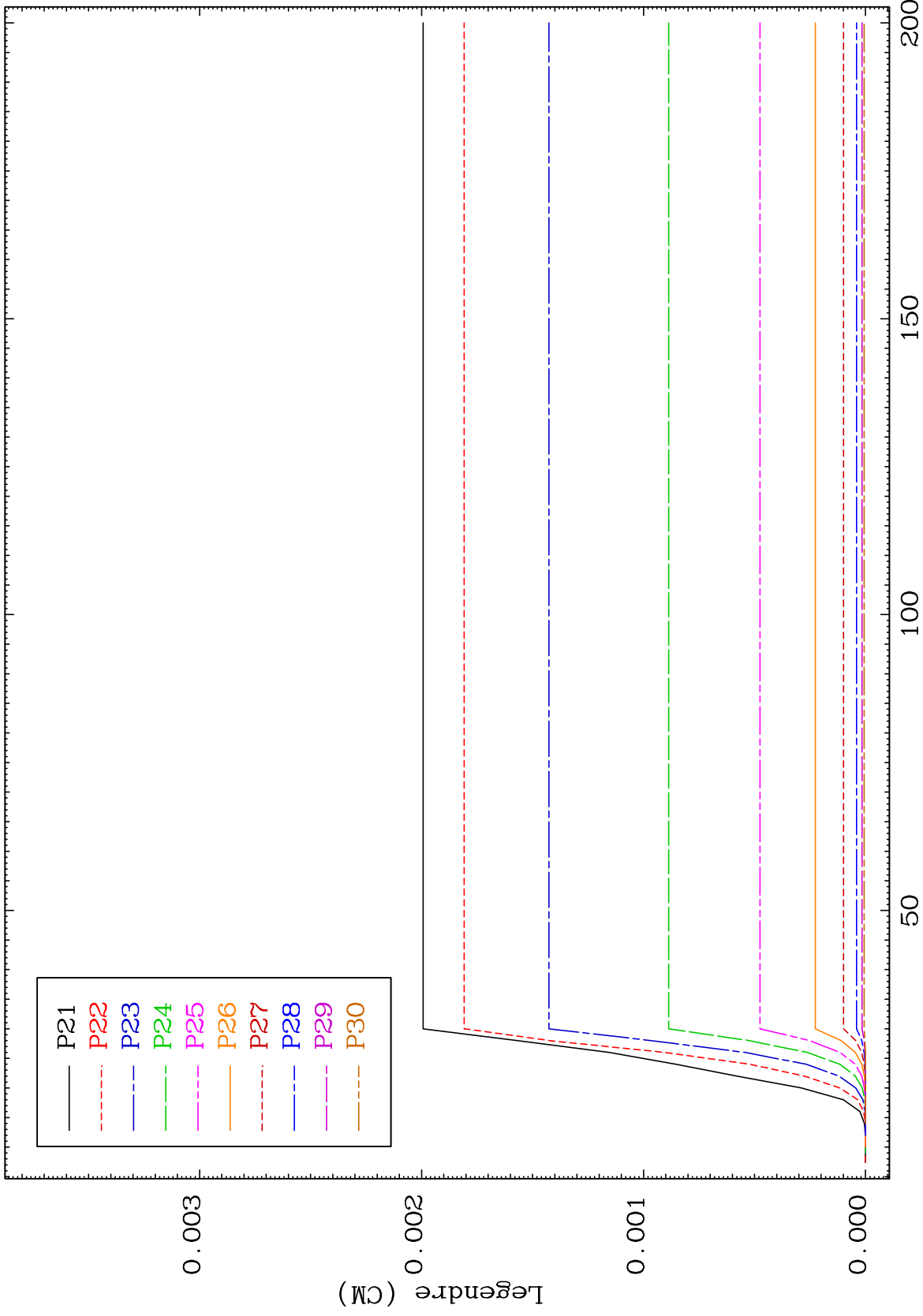


MAT 8158

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

81-Tl-214

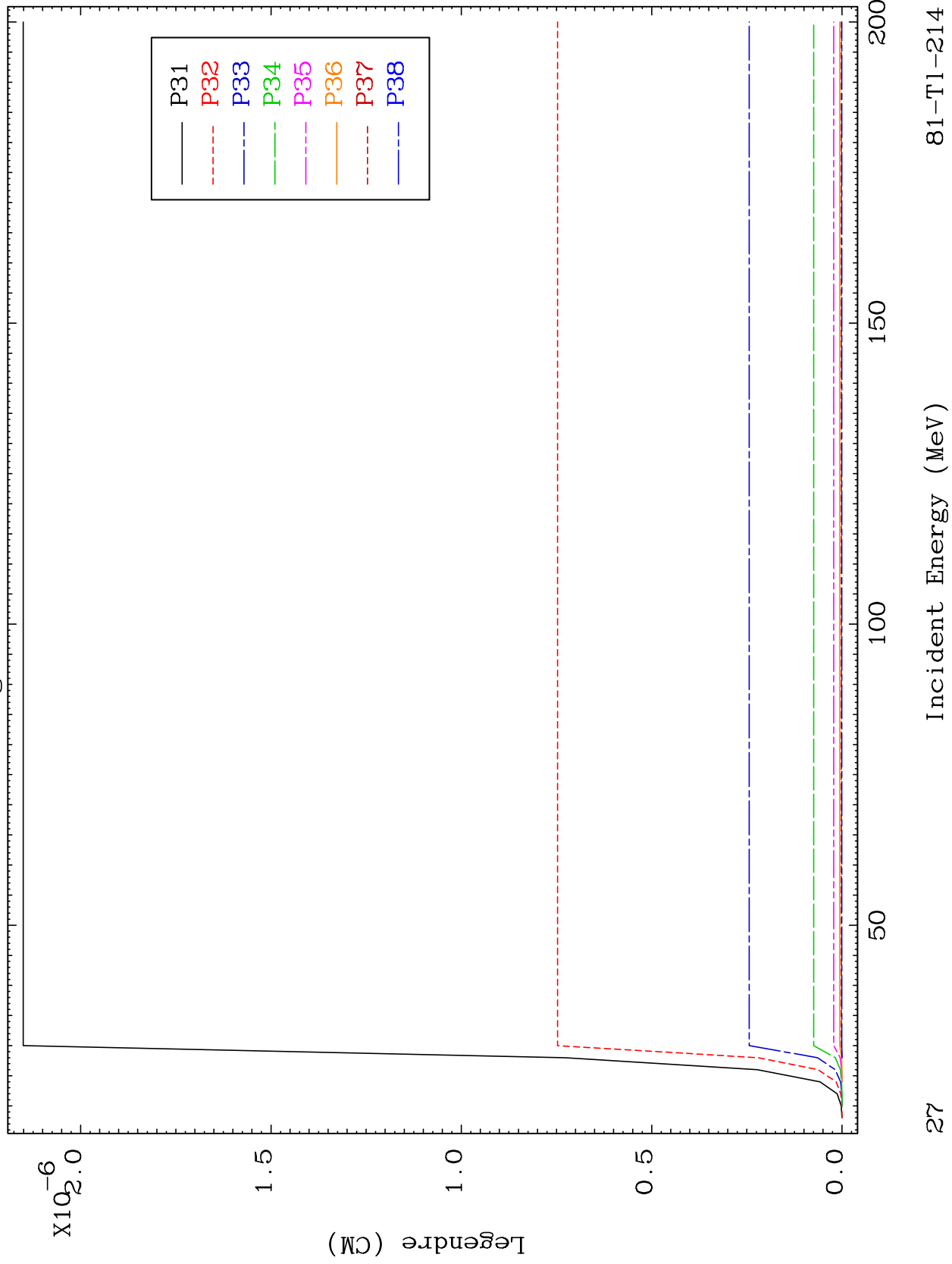




MAT 8158

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

81-Tl-214



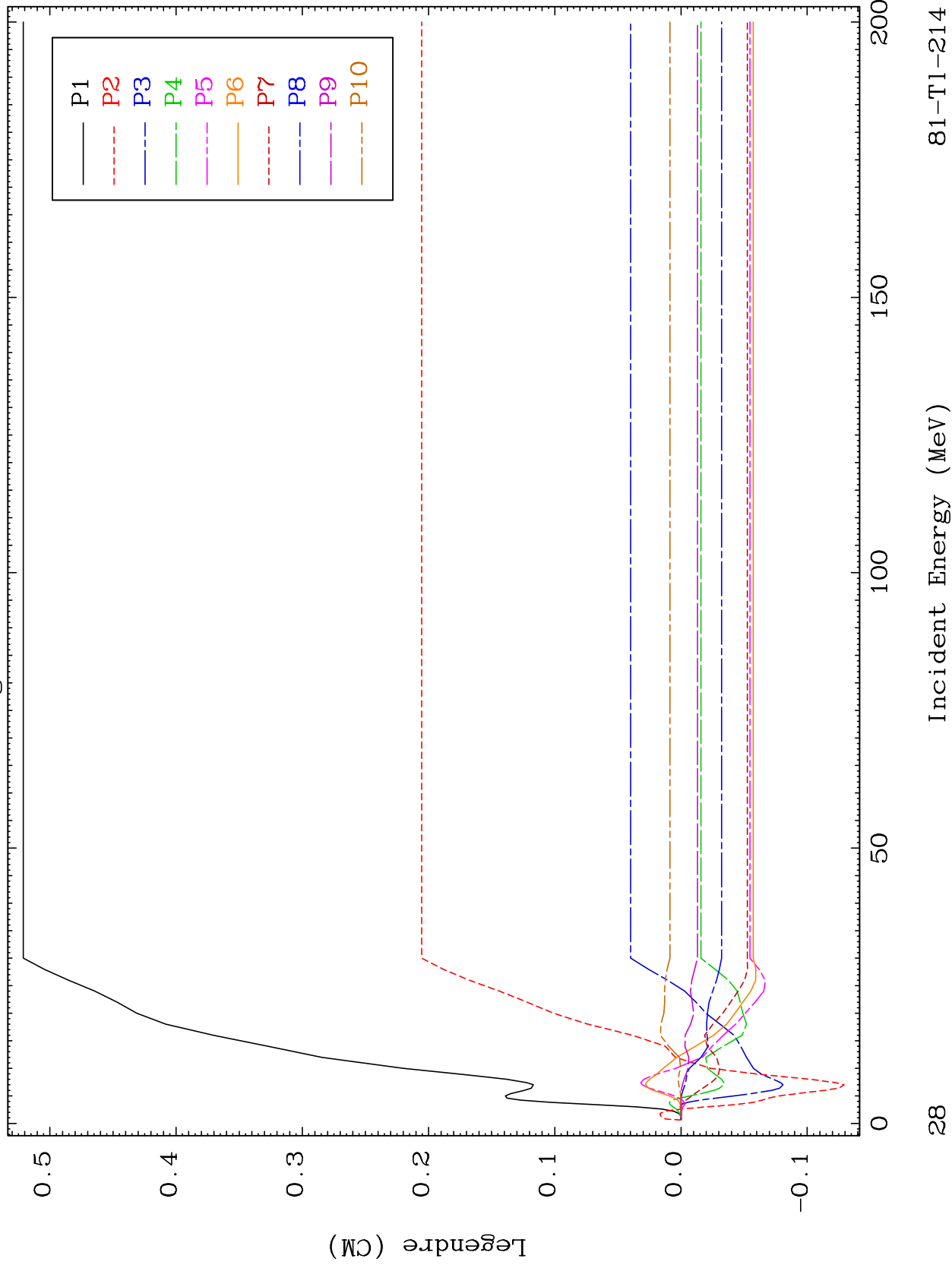
27

81-Tl-214

MAT 8158

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

81-Tl-214



81-Tl-214

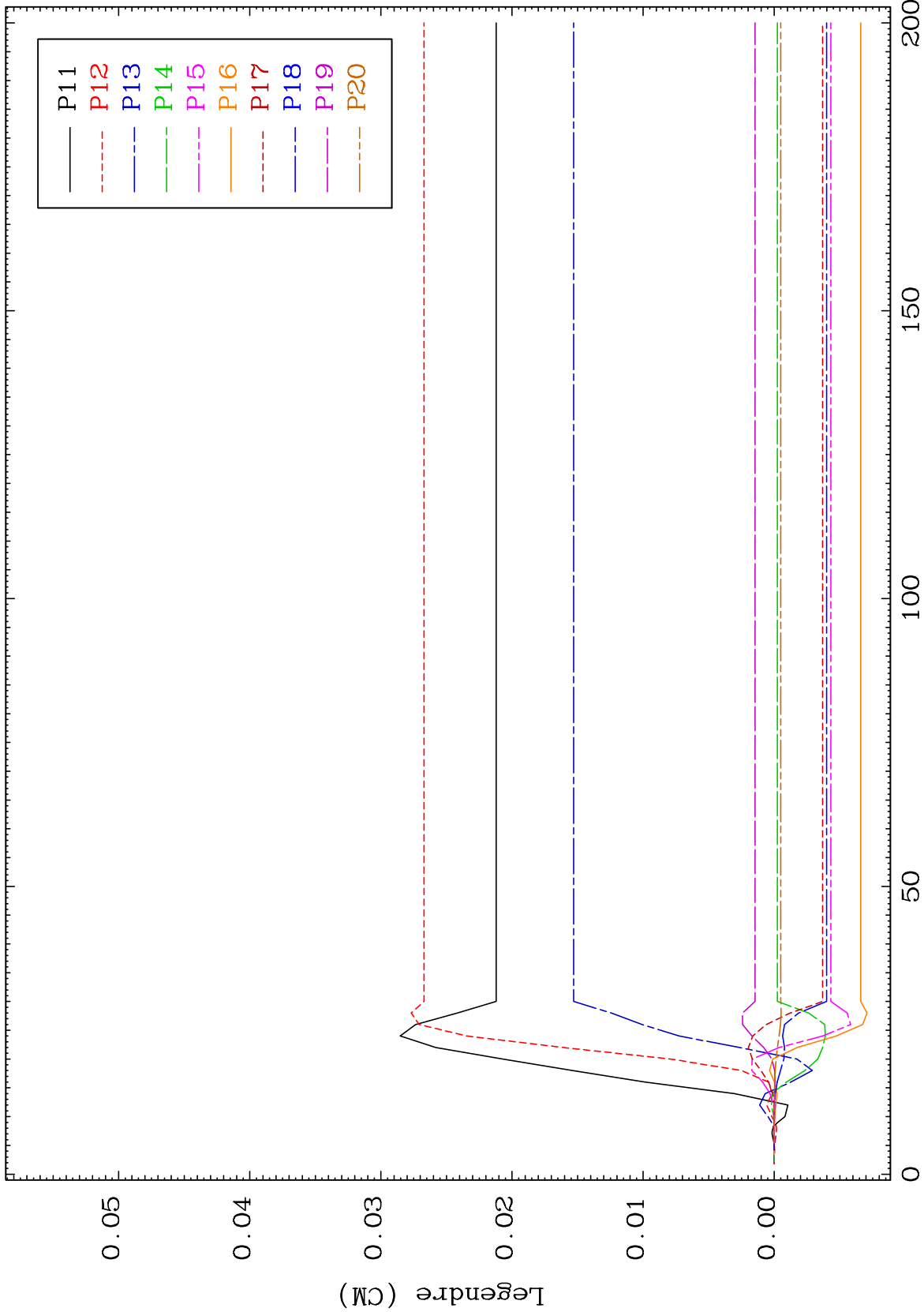
Incident Energy (MeV)

28

MAT 8158

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

81-Tl-214



29

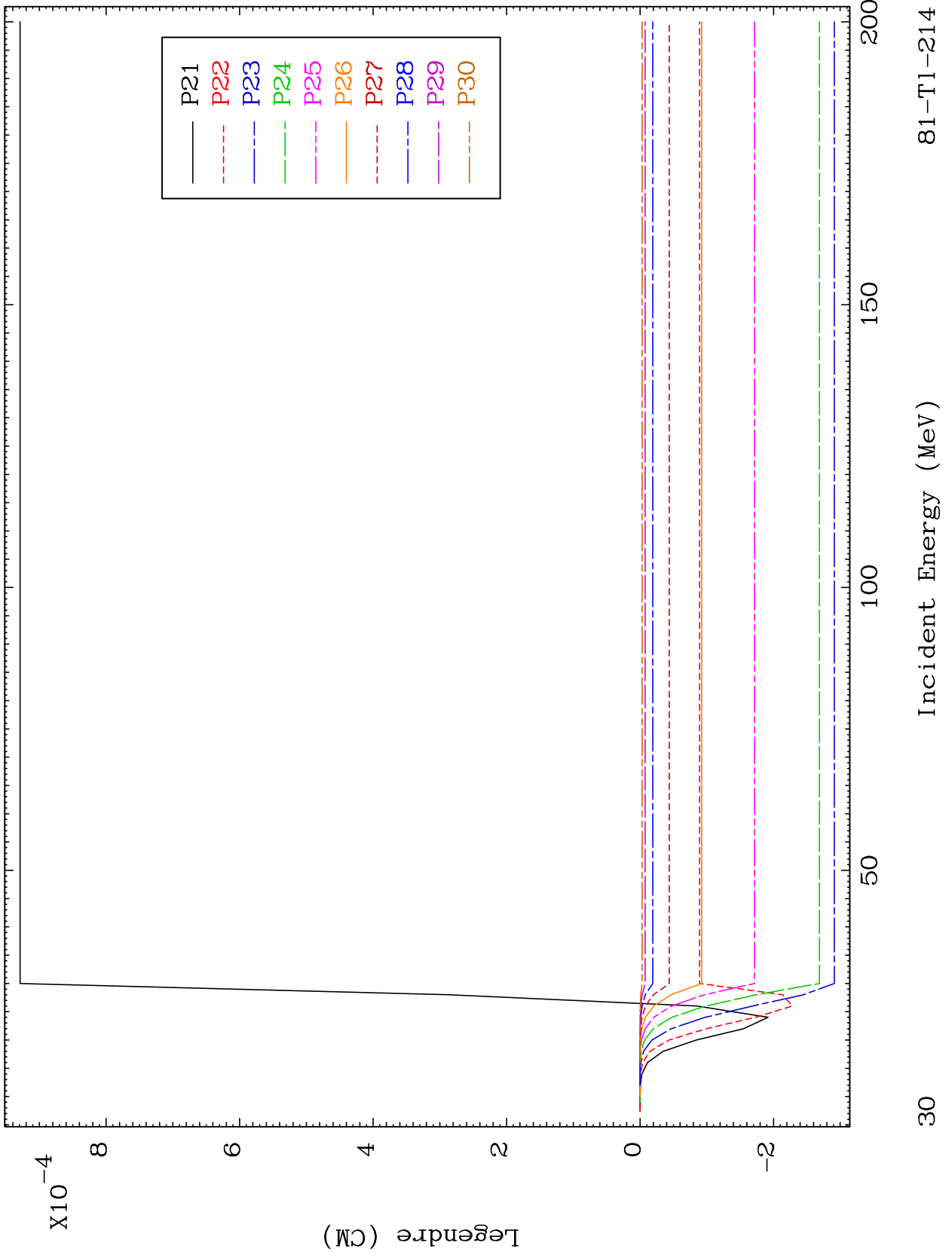
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

81-Tl-214



30

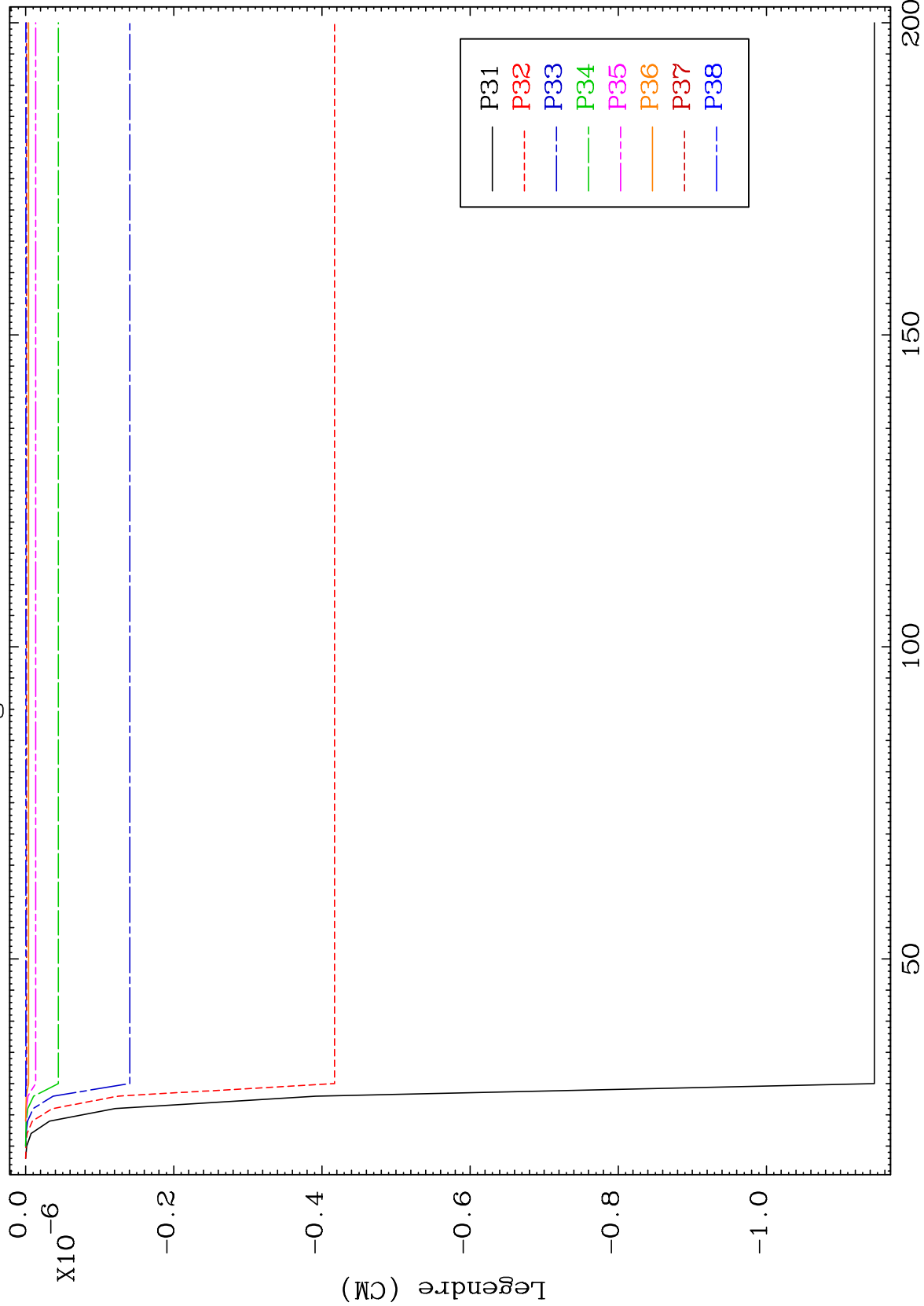
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

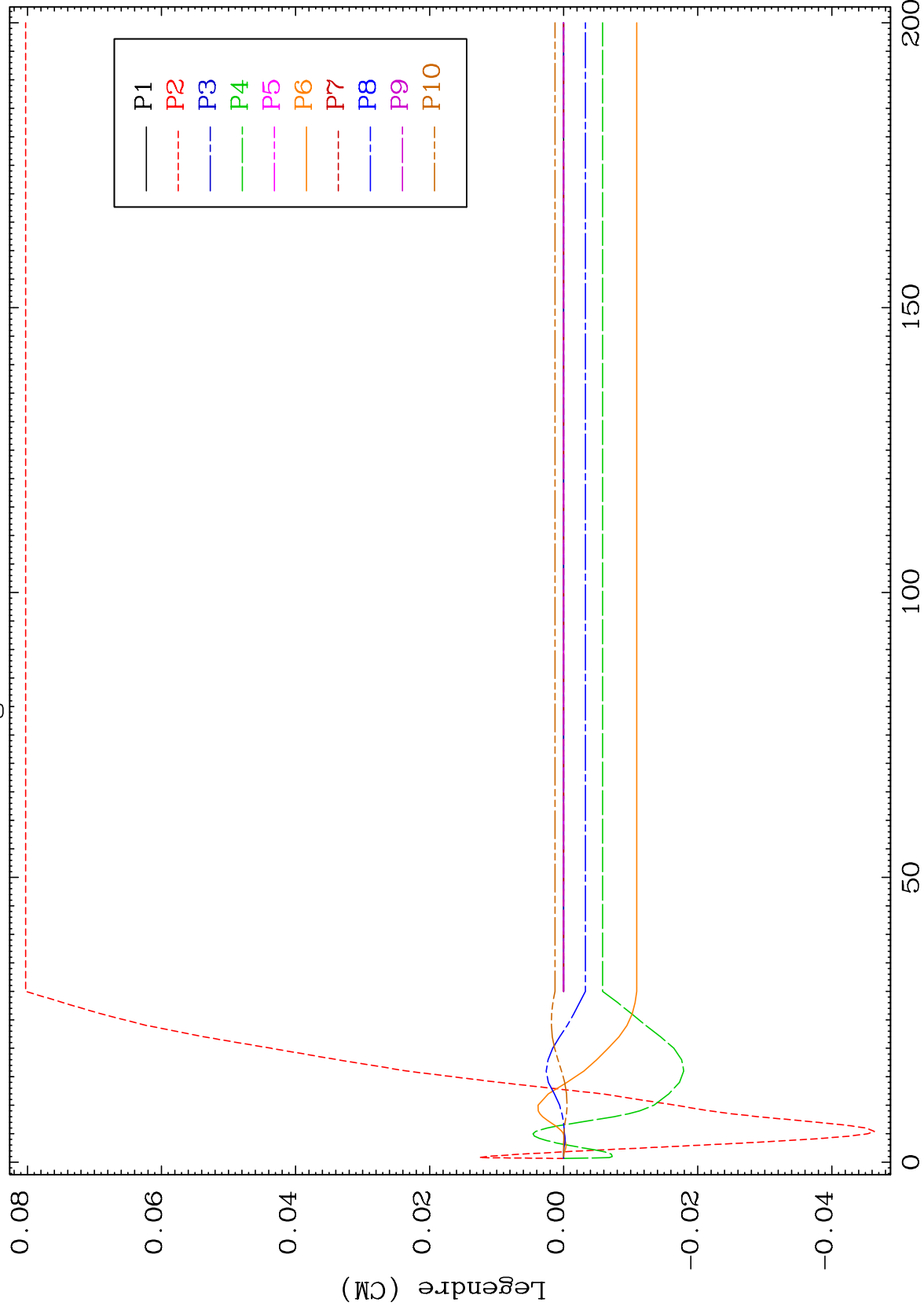
81-Tl-214



MAT 8158

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

81-T1-214



32

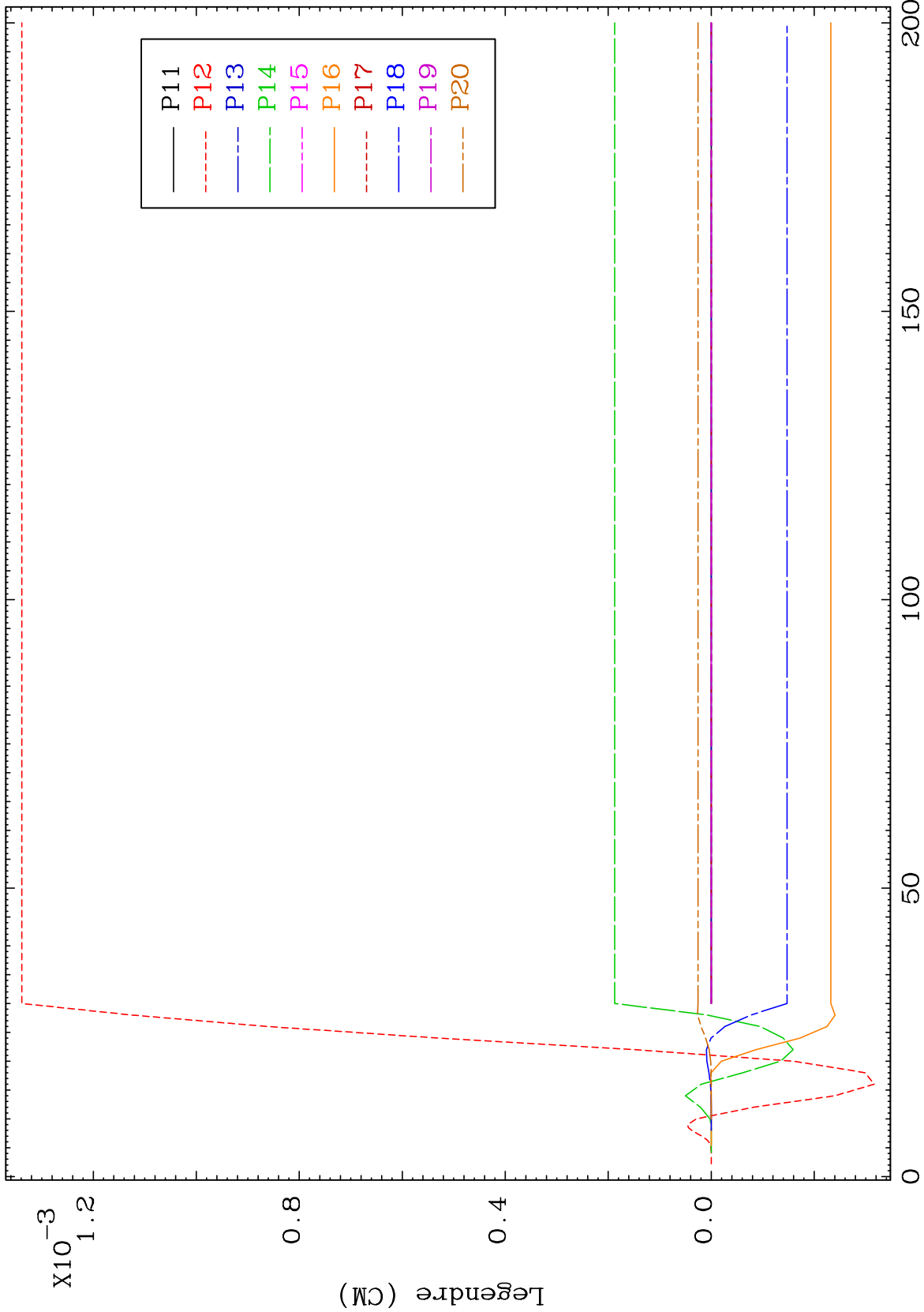
Incident Energy (MeV)

81-T1-214

MAT 8158

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

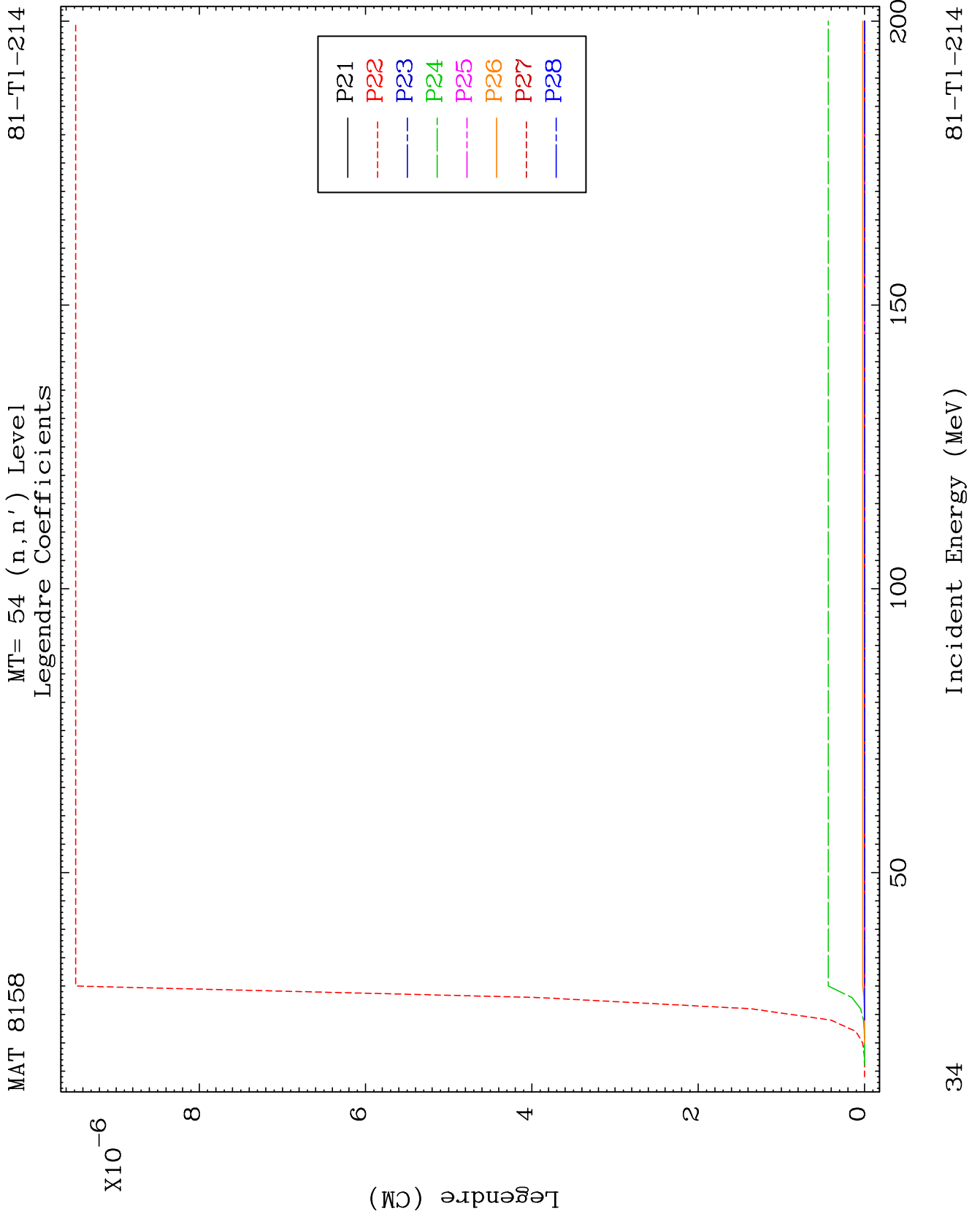
81-Tl-214



33

Incident Energy (MeV)

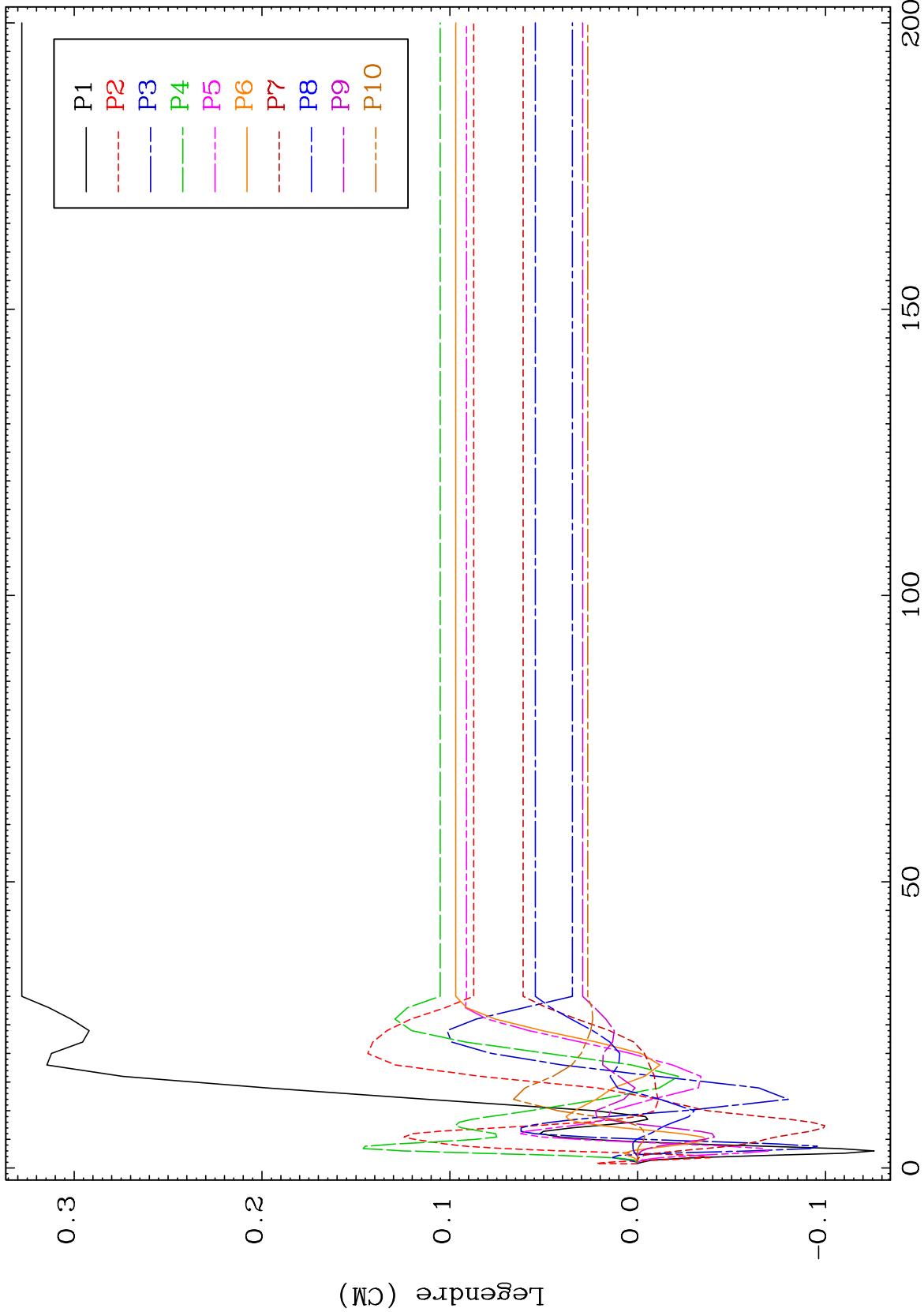
81-Tl-214



MAT 8158

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

81-Tl-214



Incident Energy (MeV)

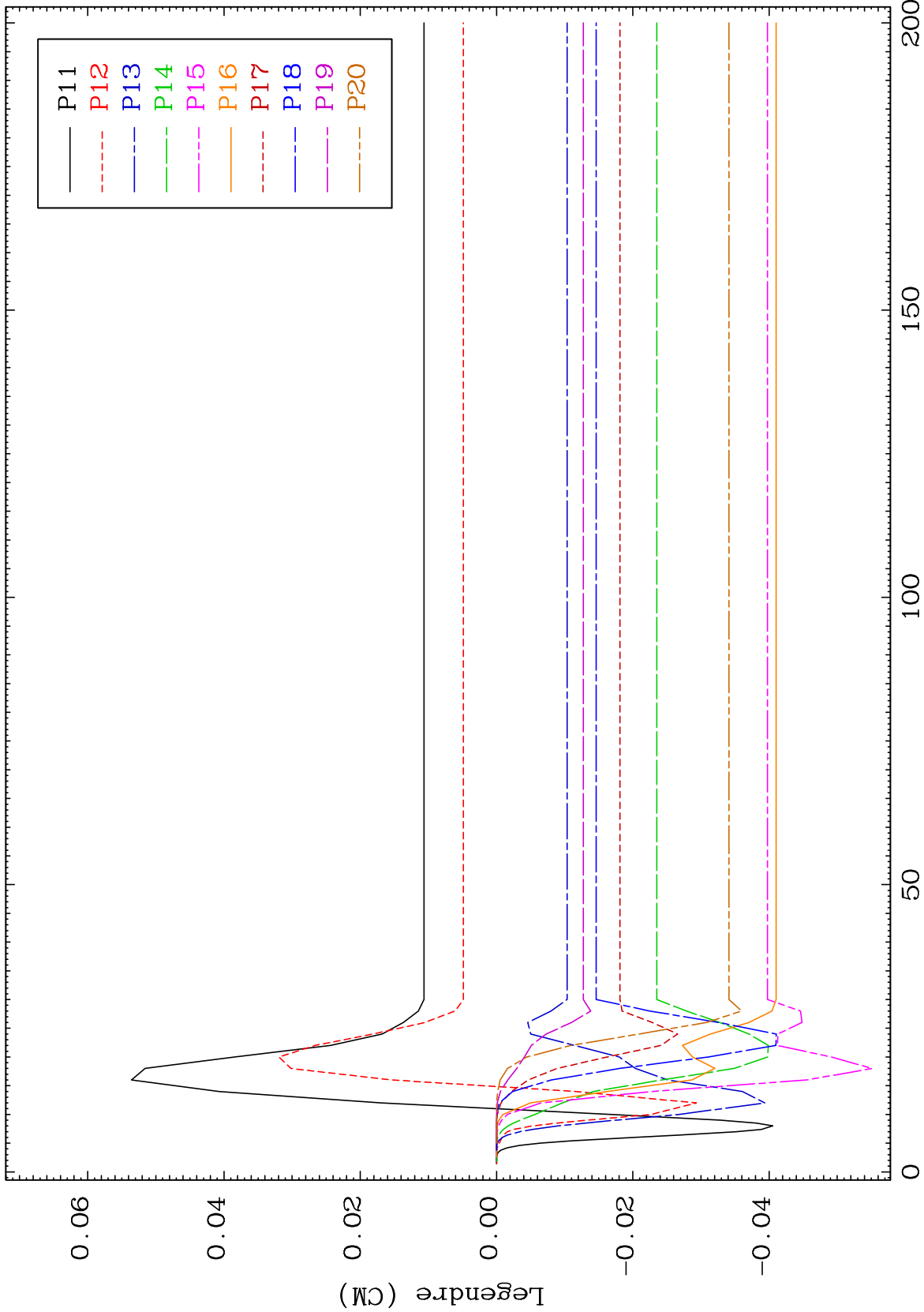
81-Tl-214

35

MAT 8158

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

81-Tl-214



36

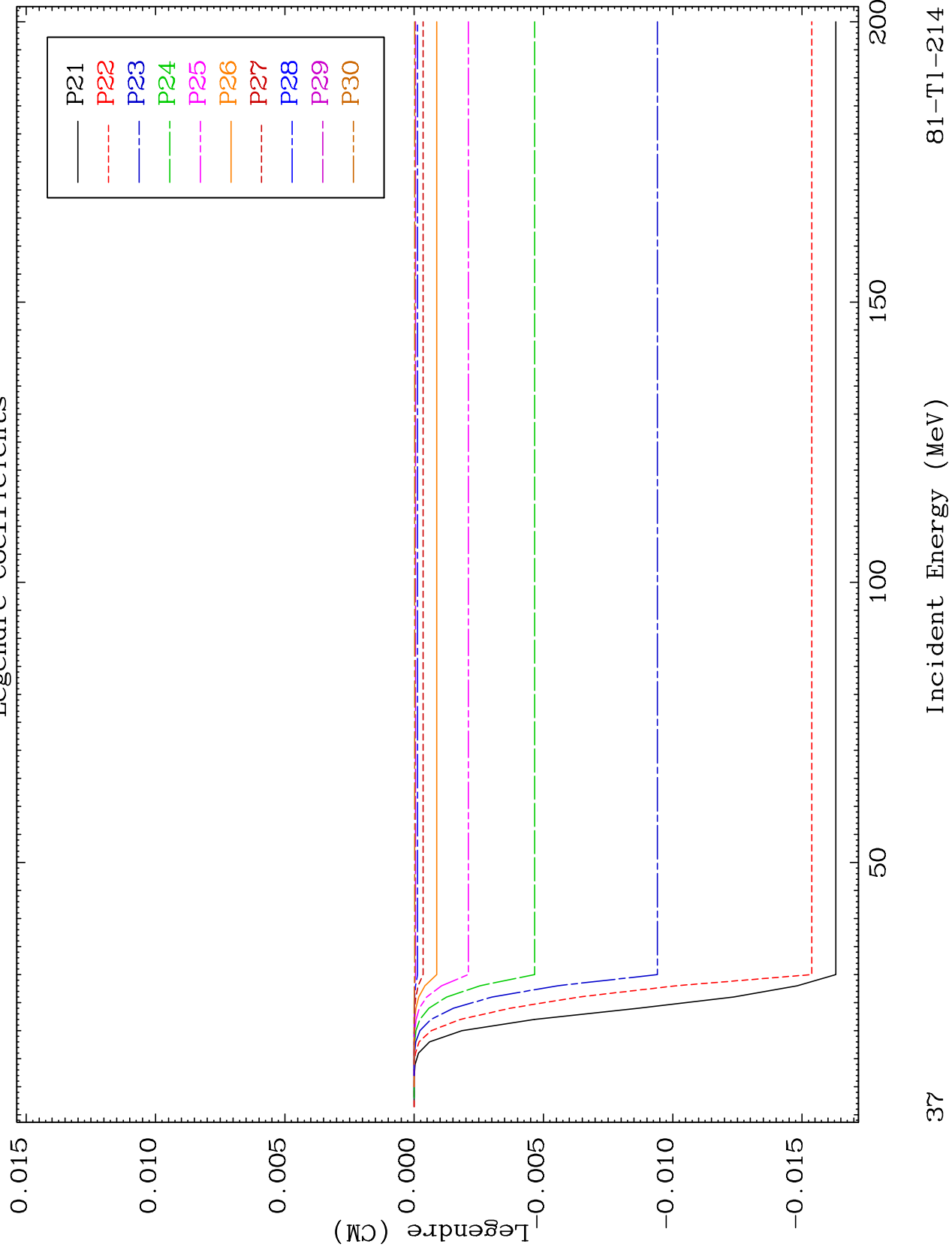
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

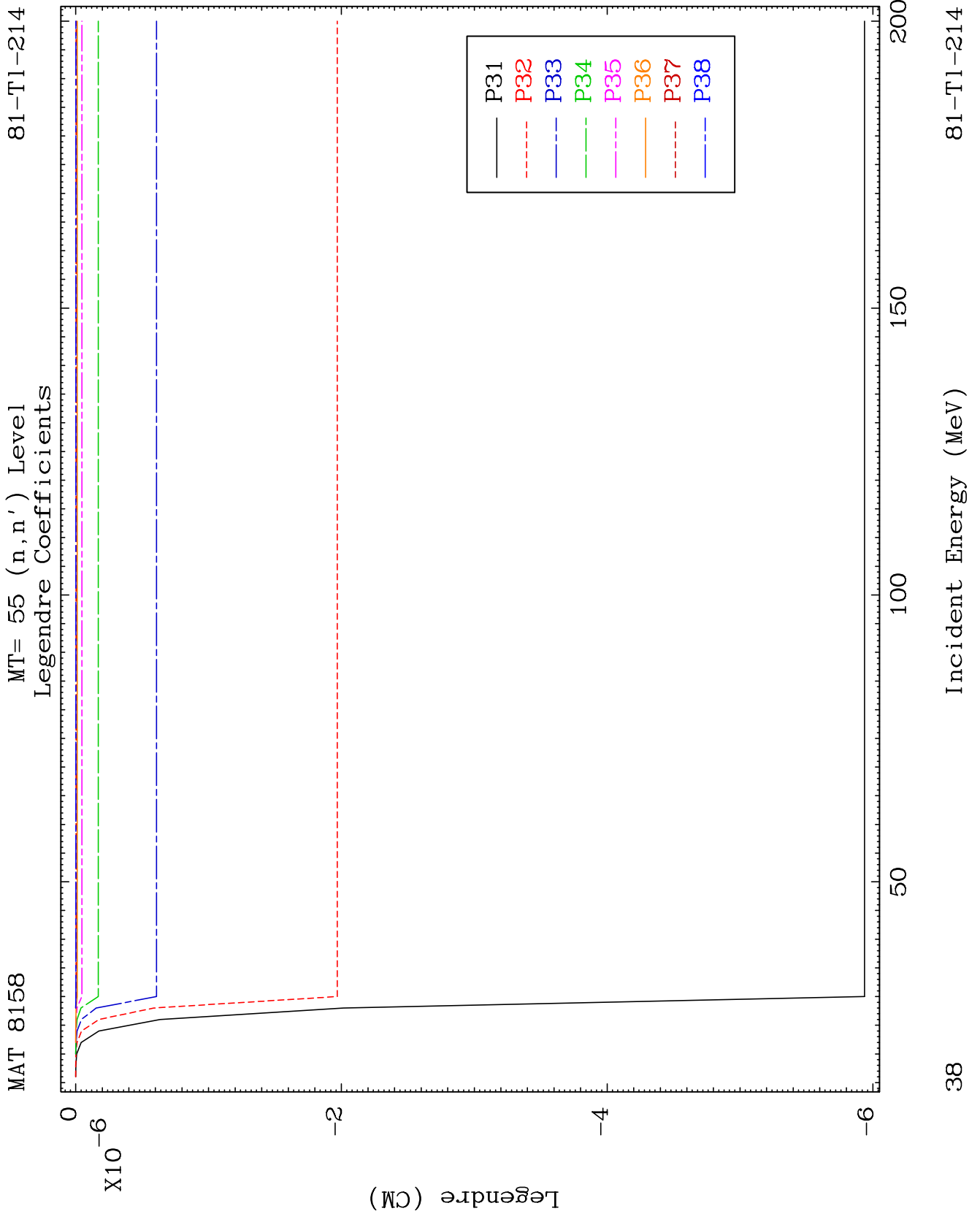
81-Tl-214



37

Incident Energy (MeV)

81-Tl-214

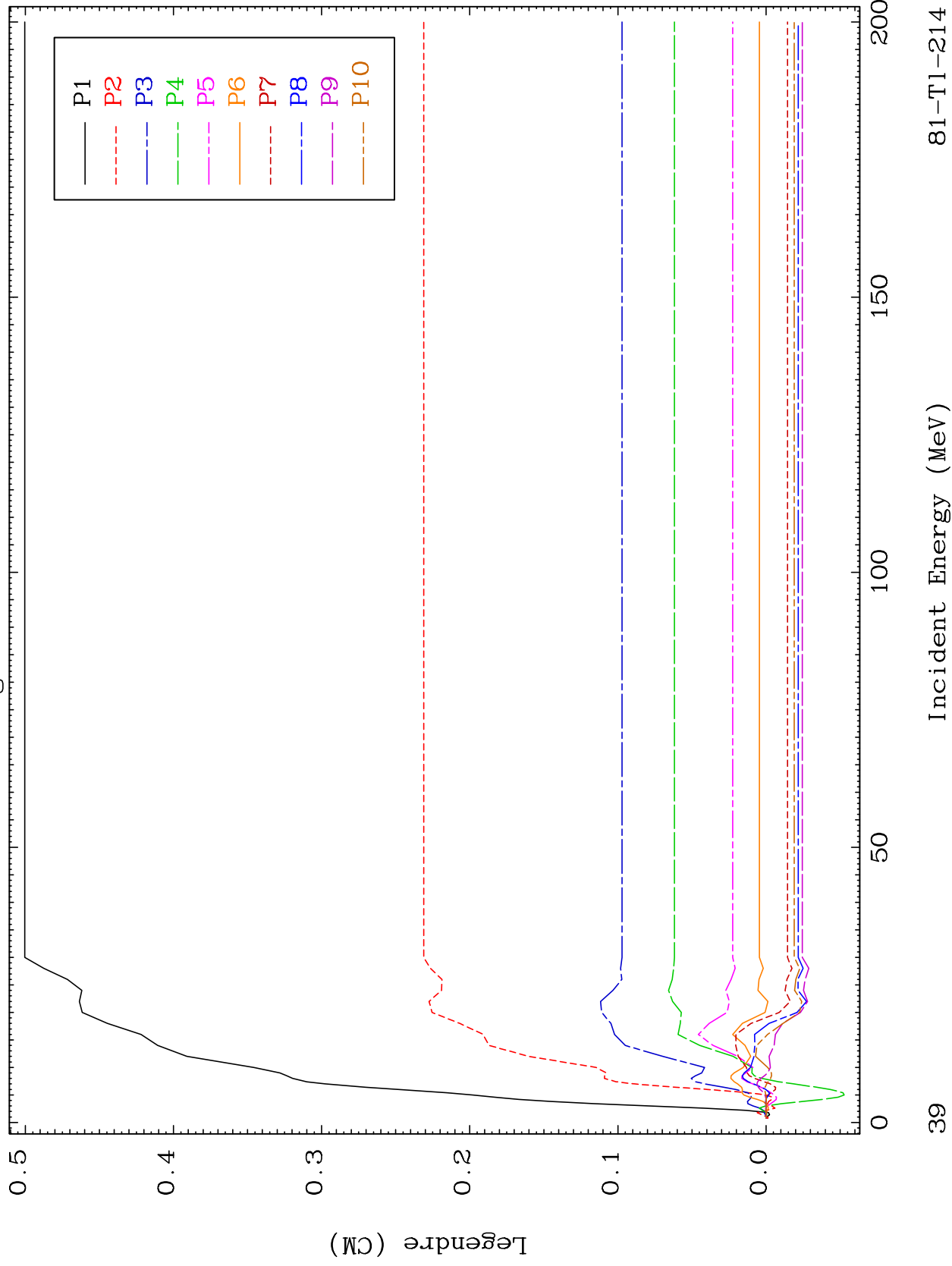


MAT 8158

MT= 56 (n,n') Level

81-Tl-214

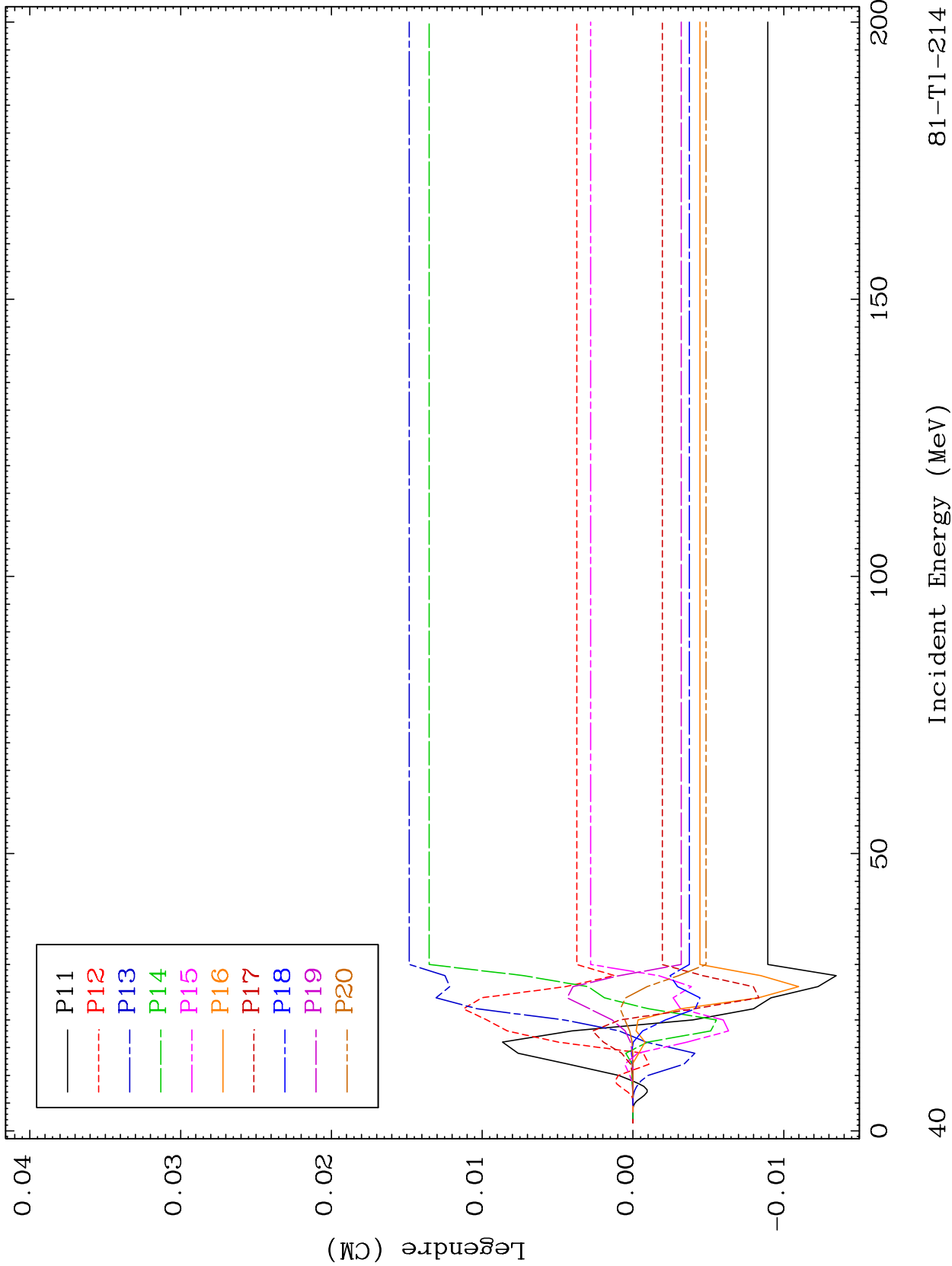
Legendre Coefficients

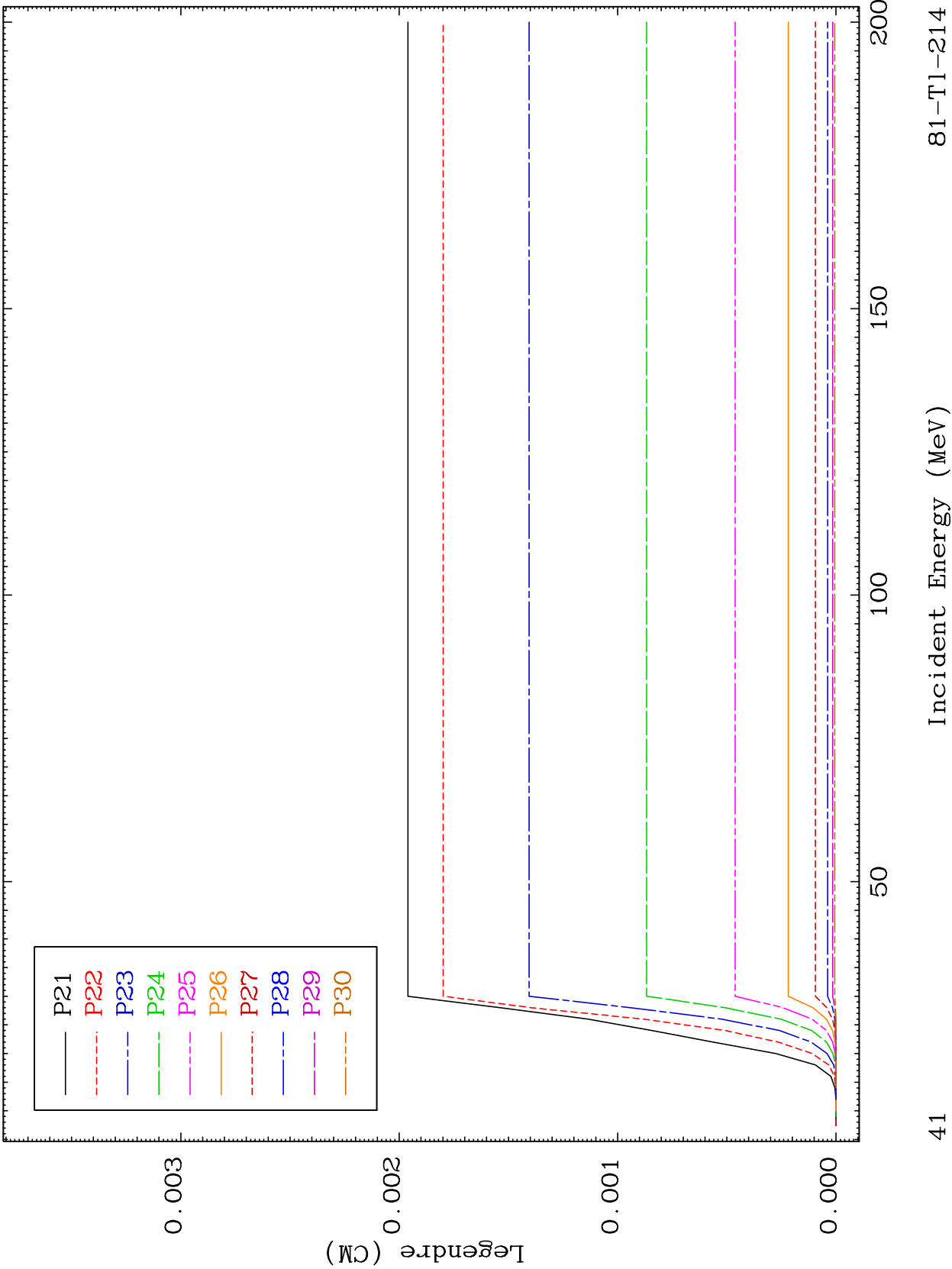


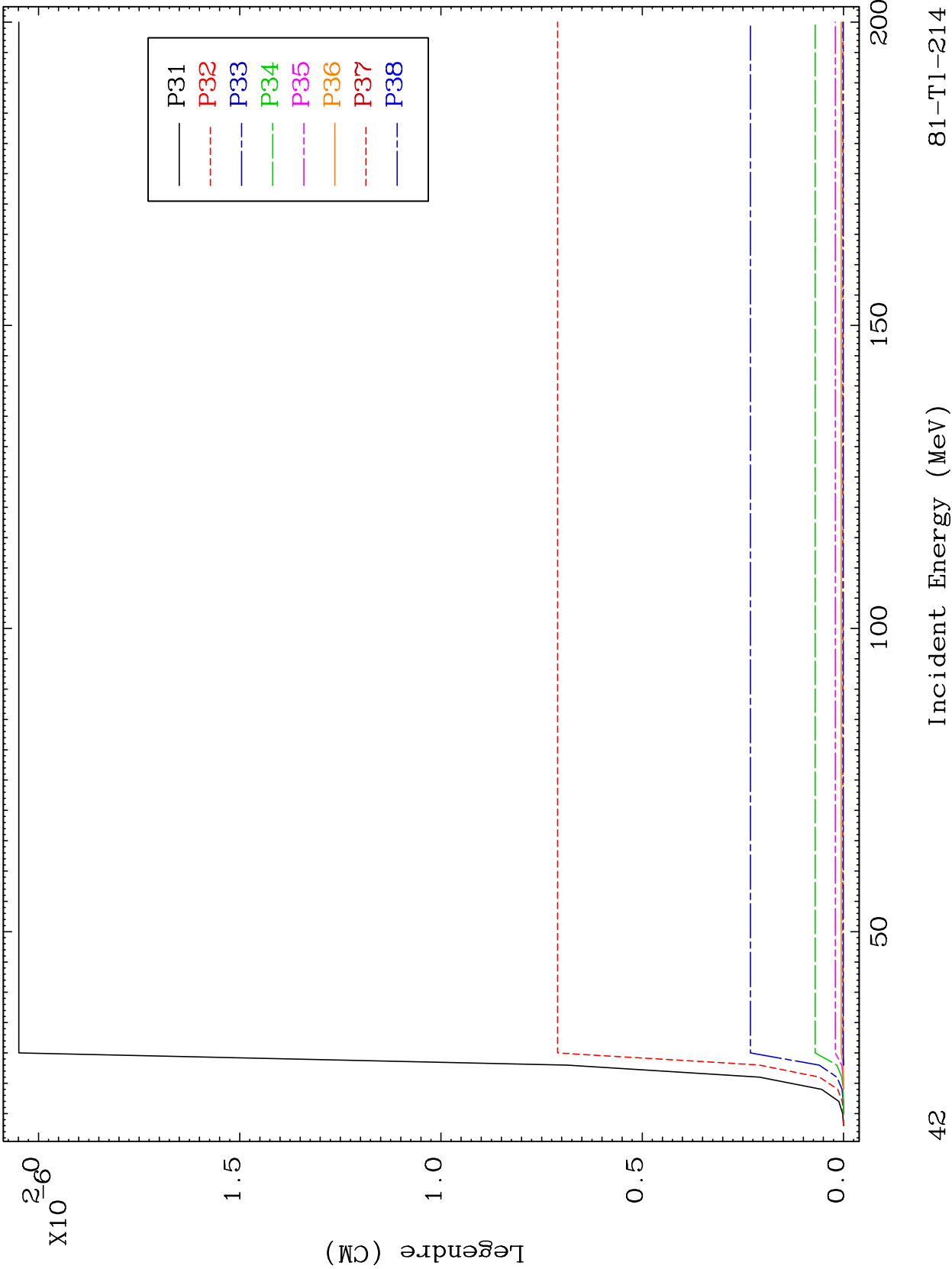
MAT 8158

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

81-T1-214



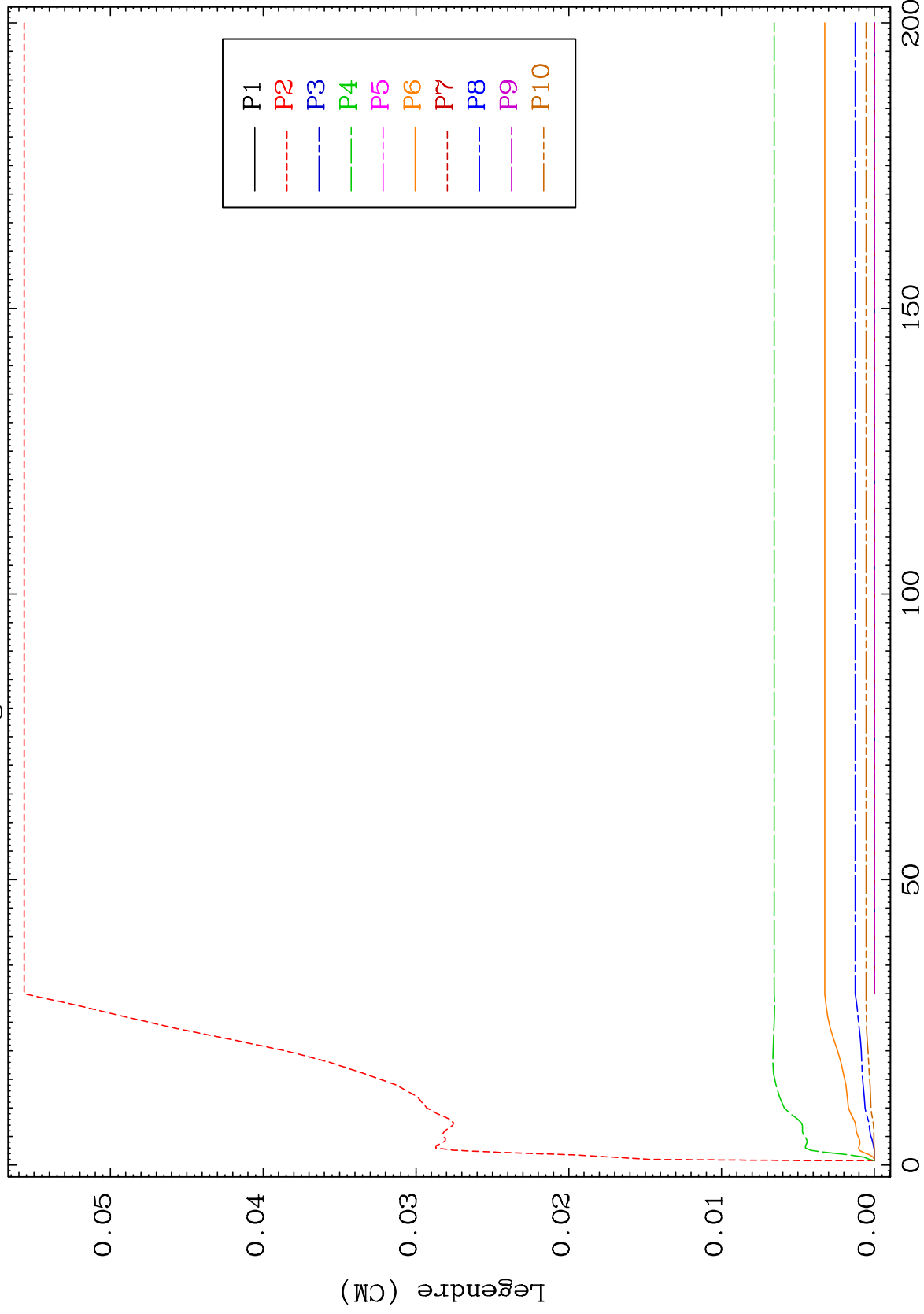




MAT 8158

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

81-Tl-214



43

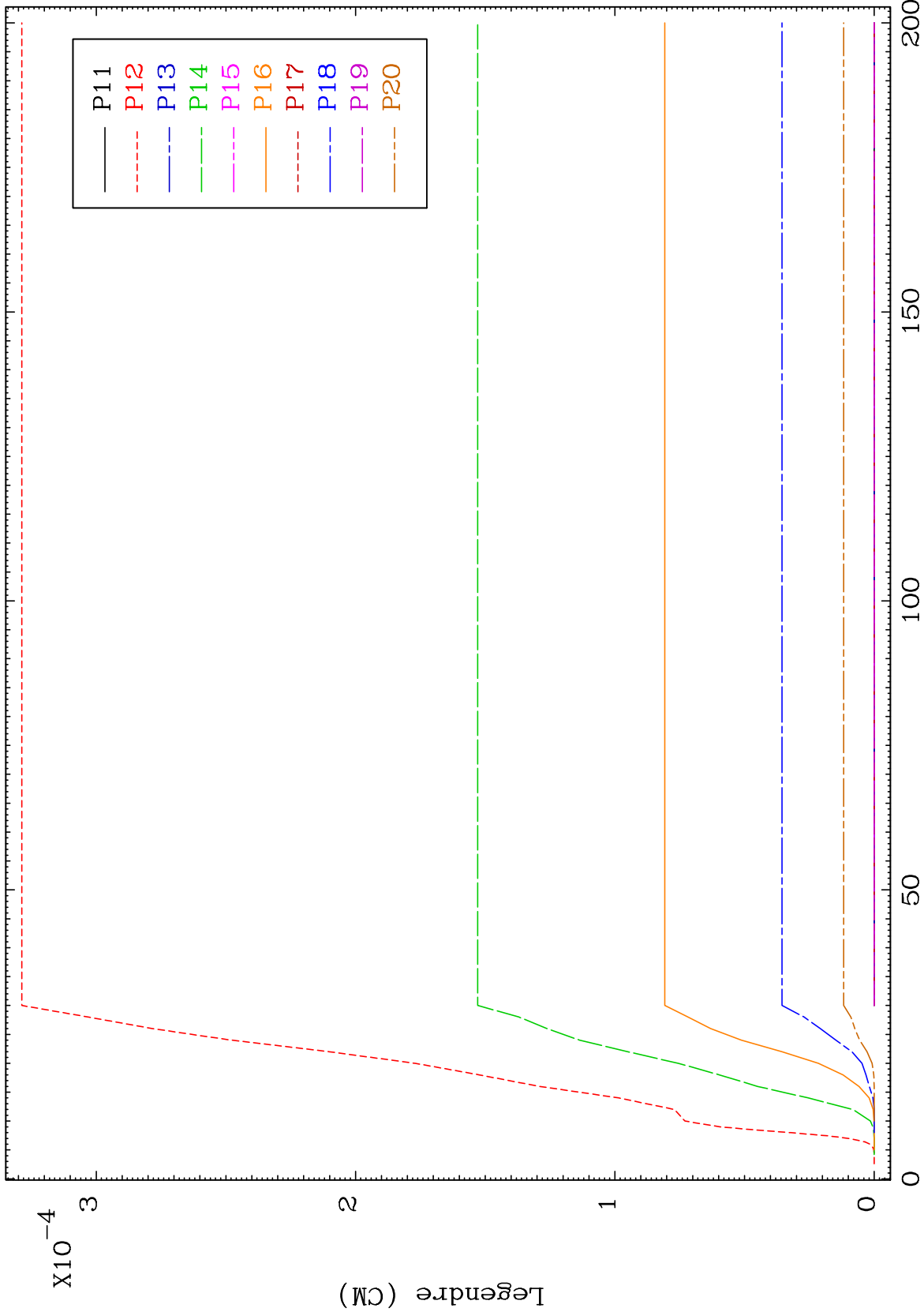
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

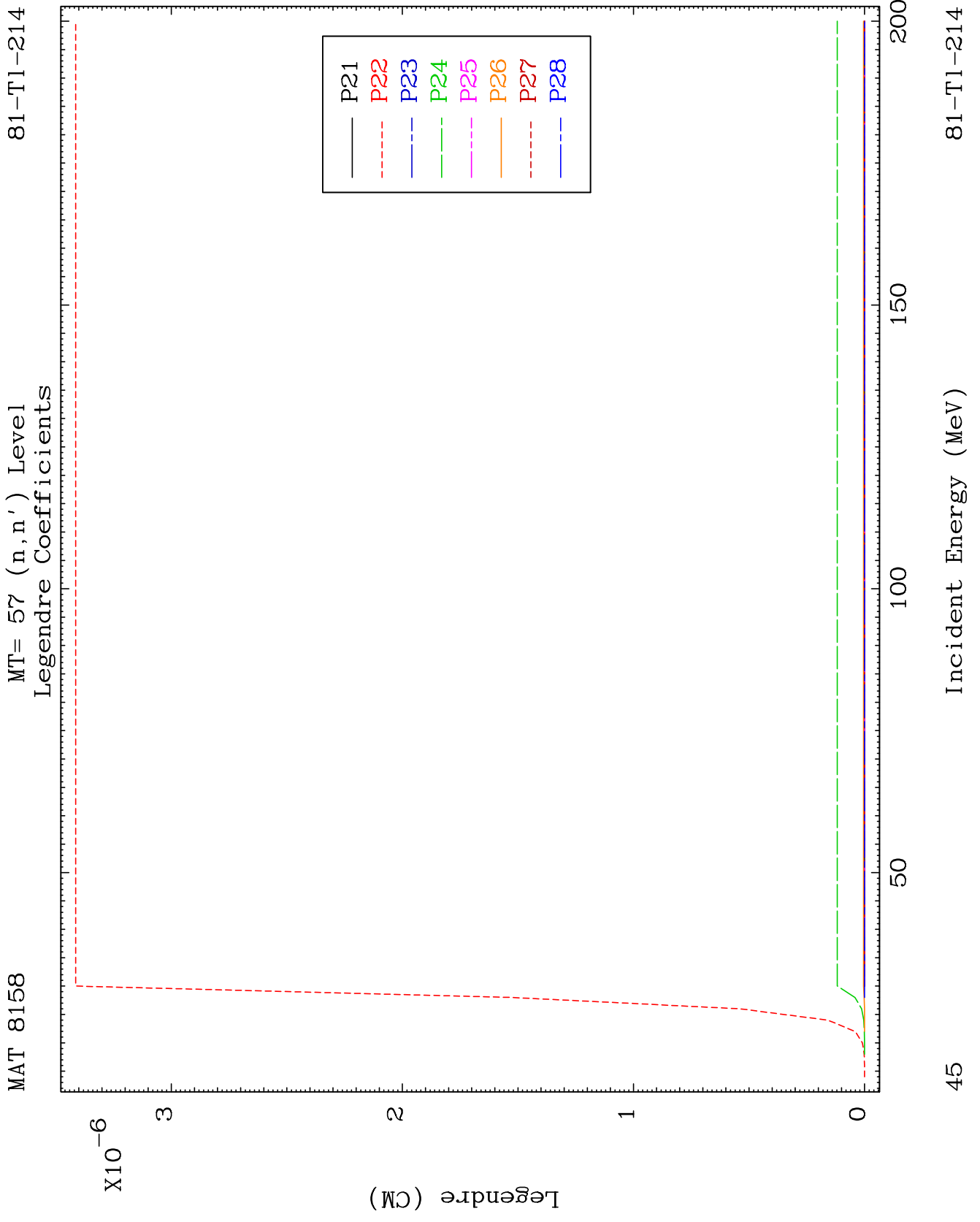
81-Tl-214



44

Incident Energy (MeV)

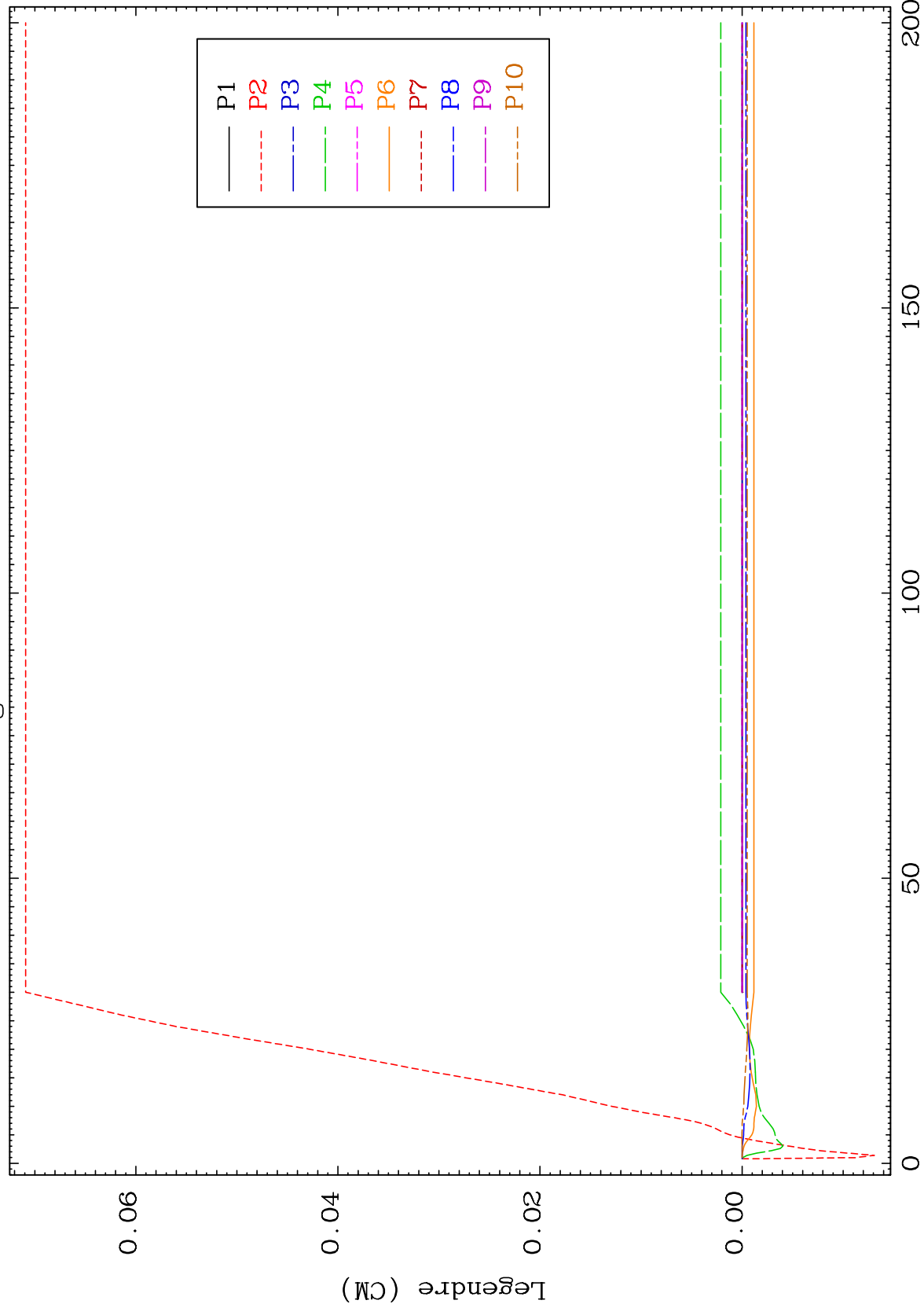
81-Tl-214



MAT 8158

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

81-Tl-214



81-Tl-214

Incident Energy (MeV)

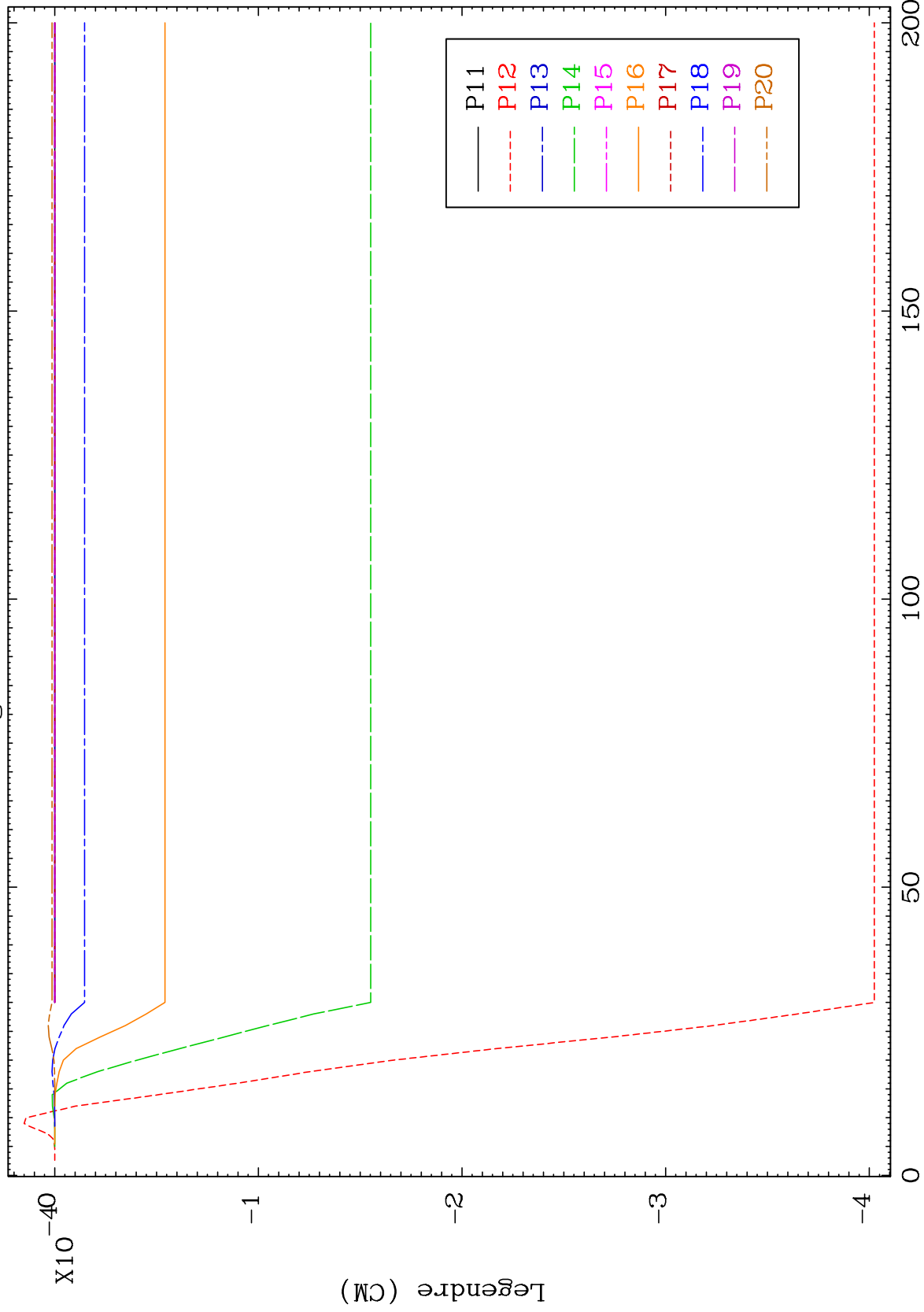
46

MAT 8158

MT= 58 (n,n') Level

81-Tl-214

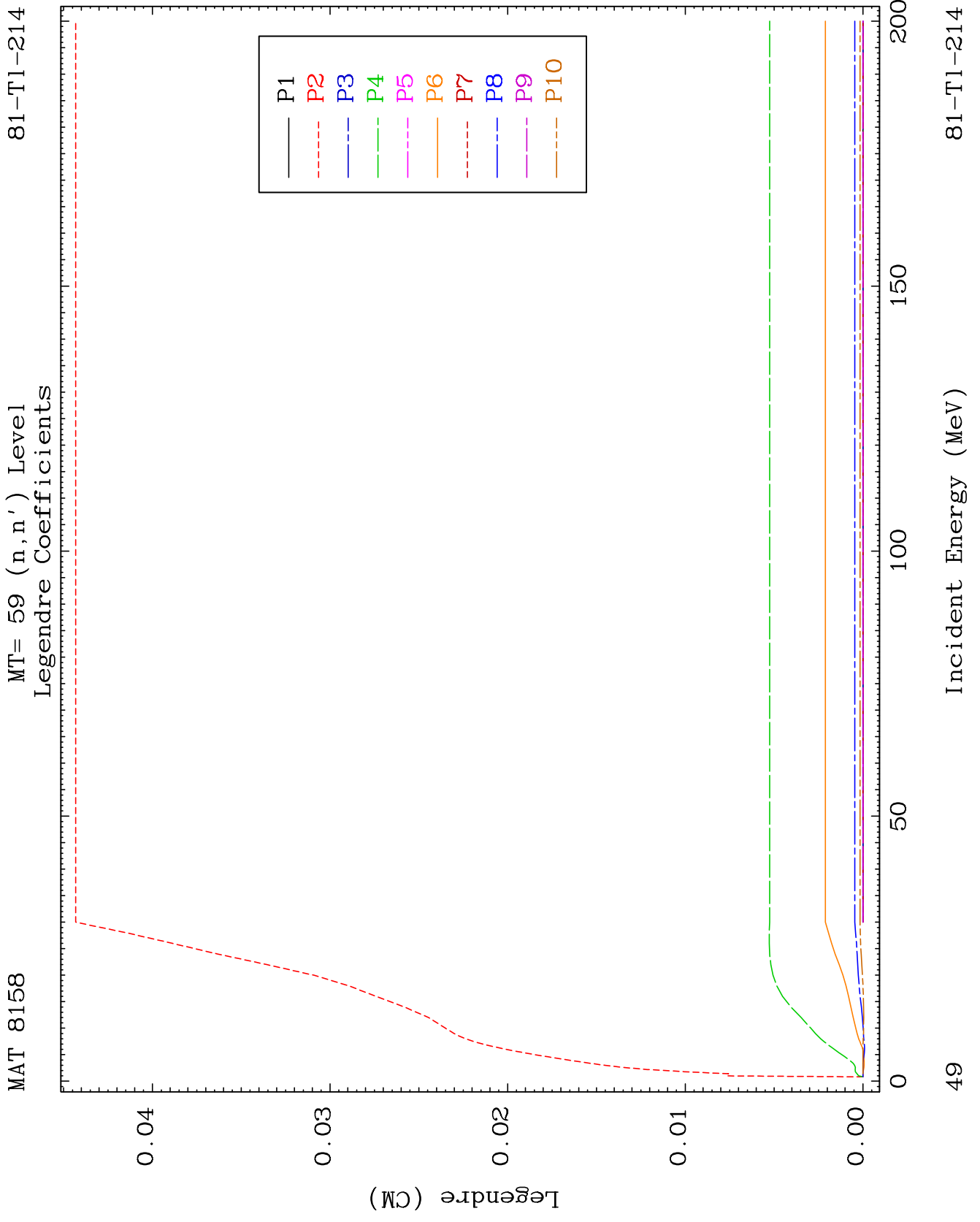
Legendre Coefficients



47

Incident Energy (MeV)

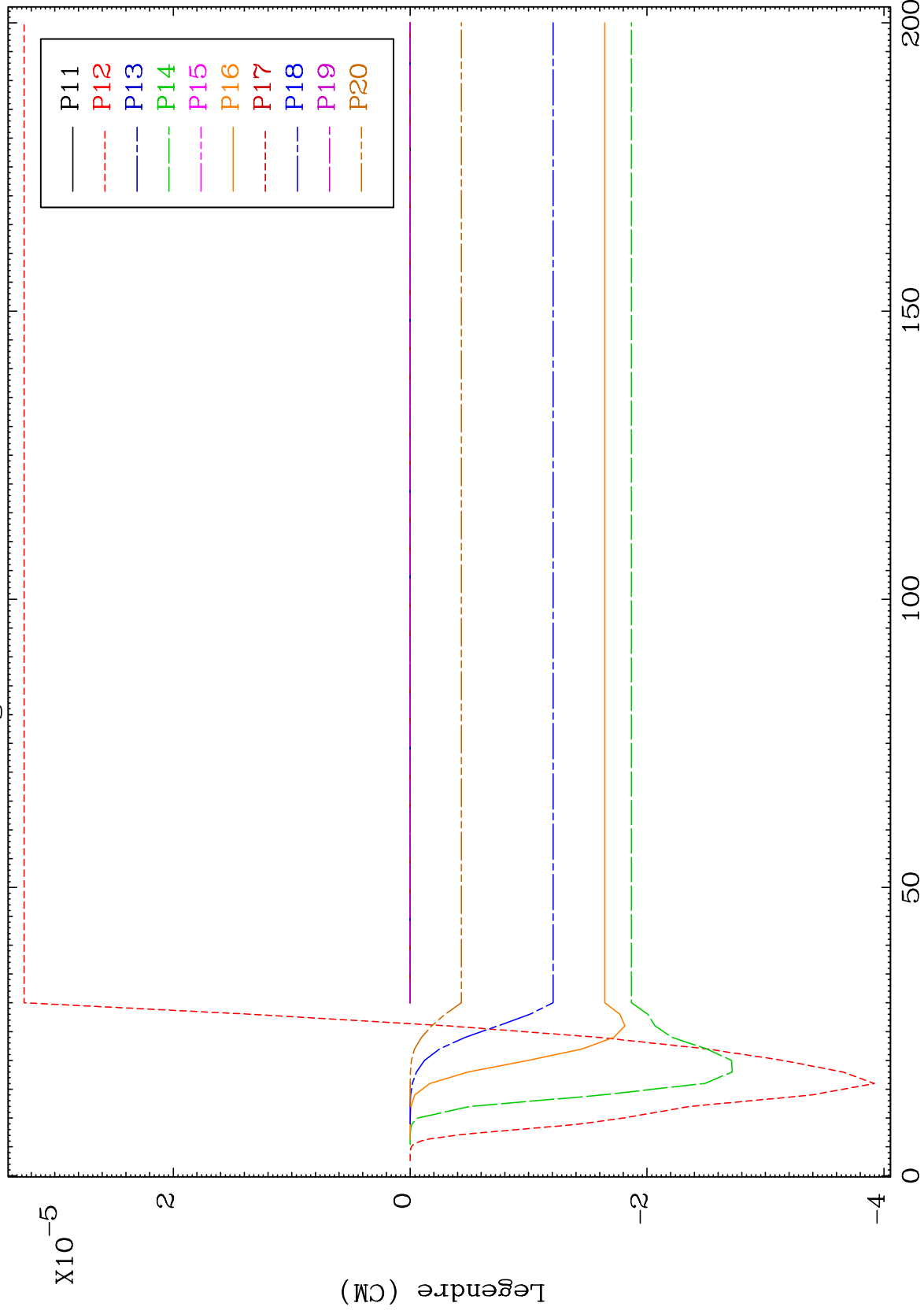
81-Tl-214



MAT 8158

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

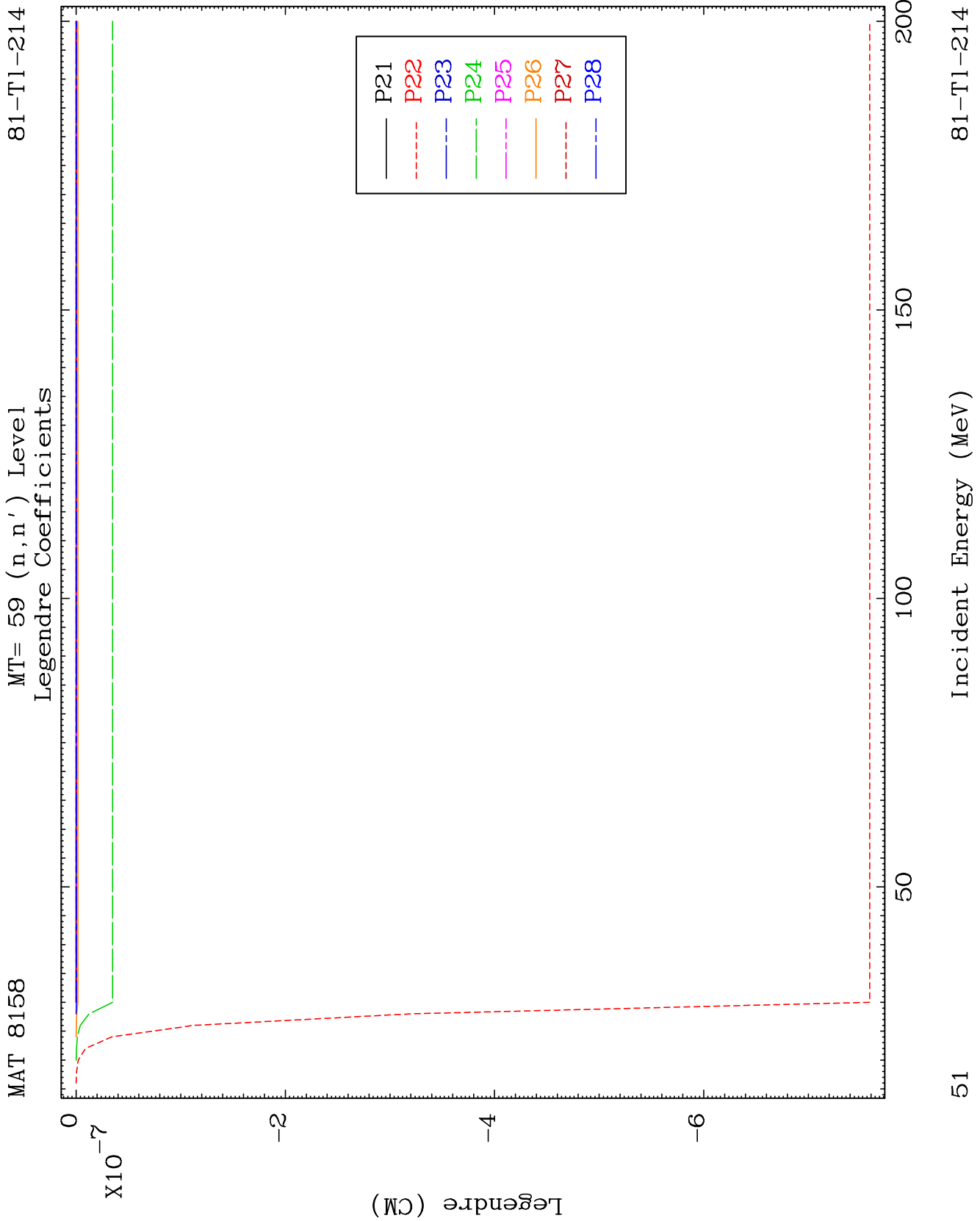
81-Tl-214



50

Incident Energy (MeV)

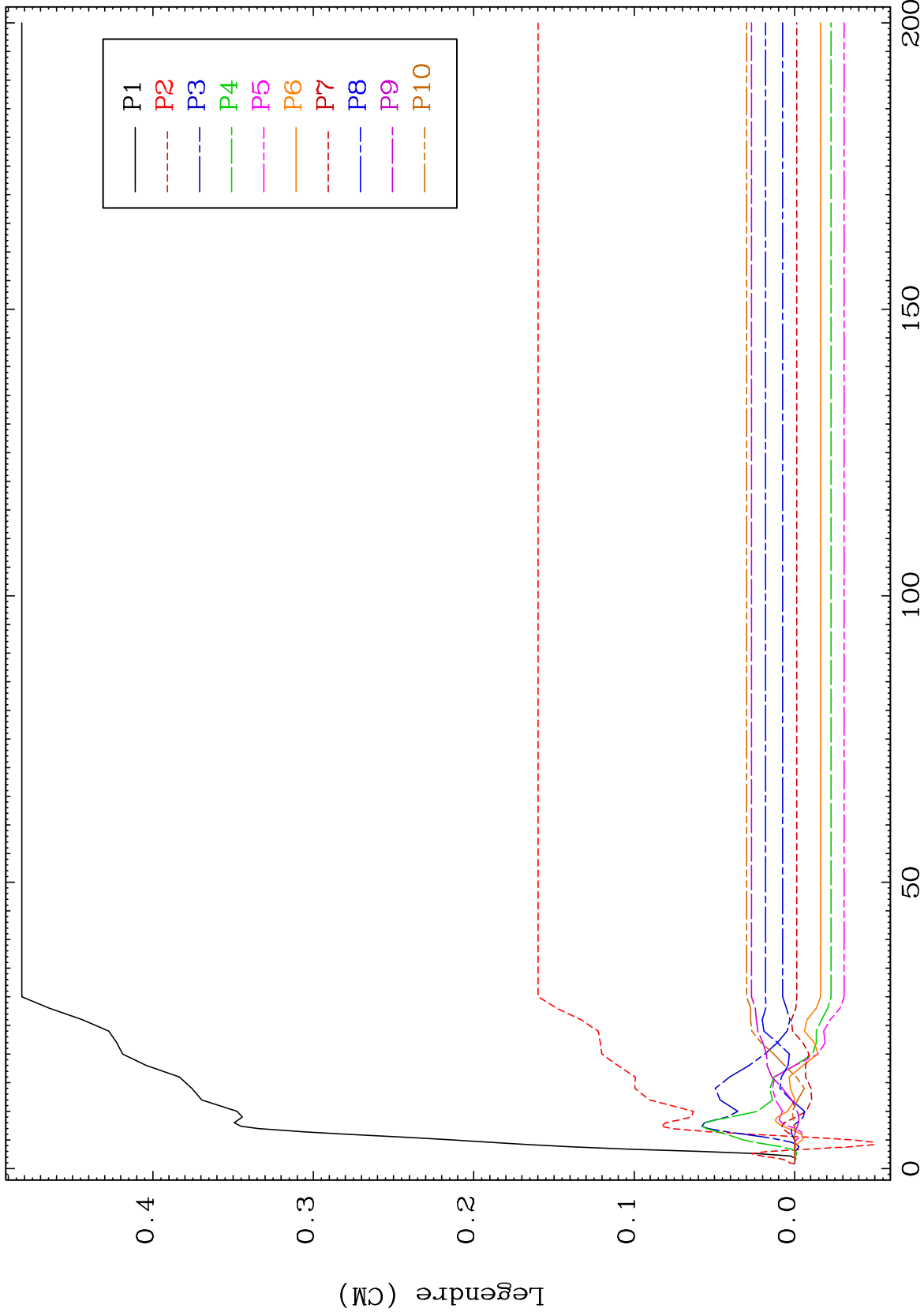
81-Tl-214



MAT 8158

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

81-T1-214



52

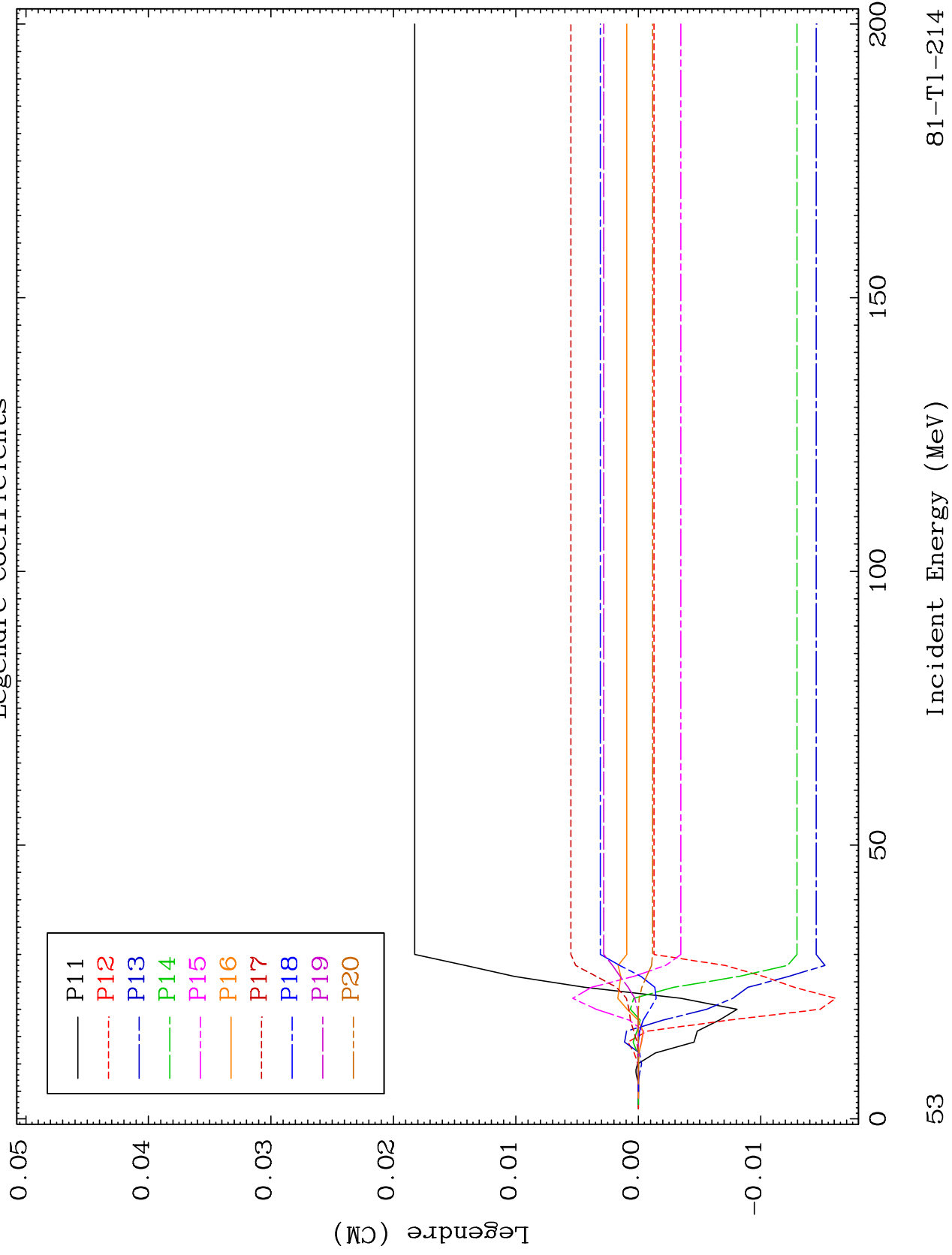
Incident Energy (MeV)

81-T1-214

MAT 8158

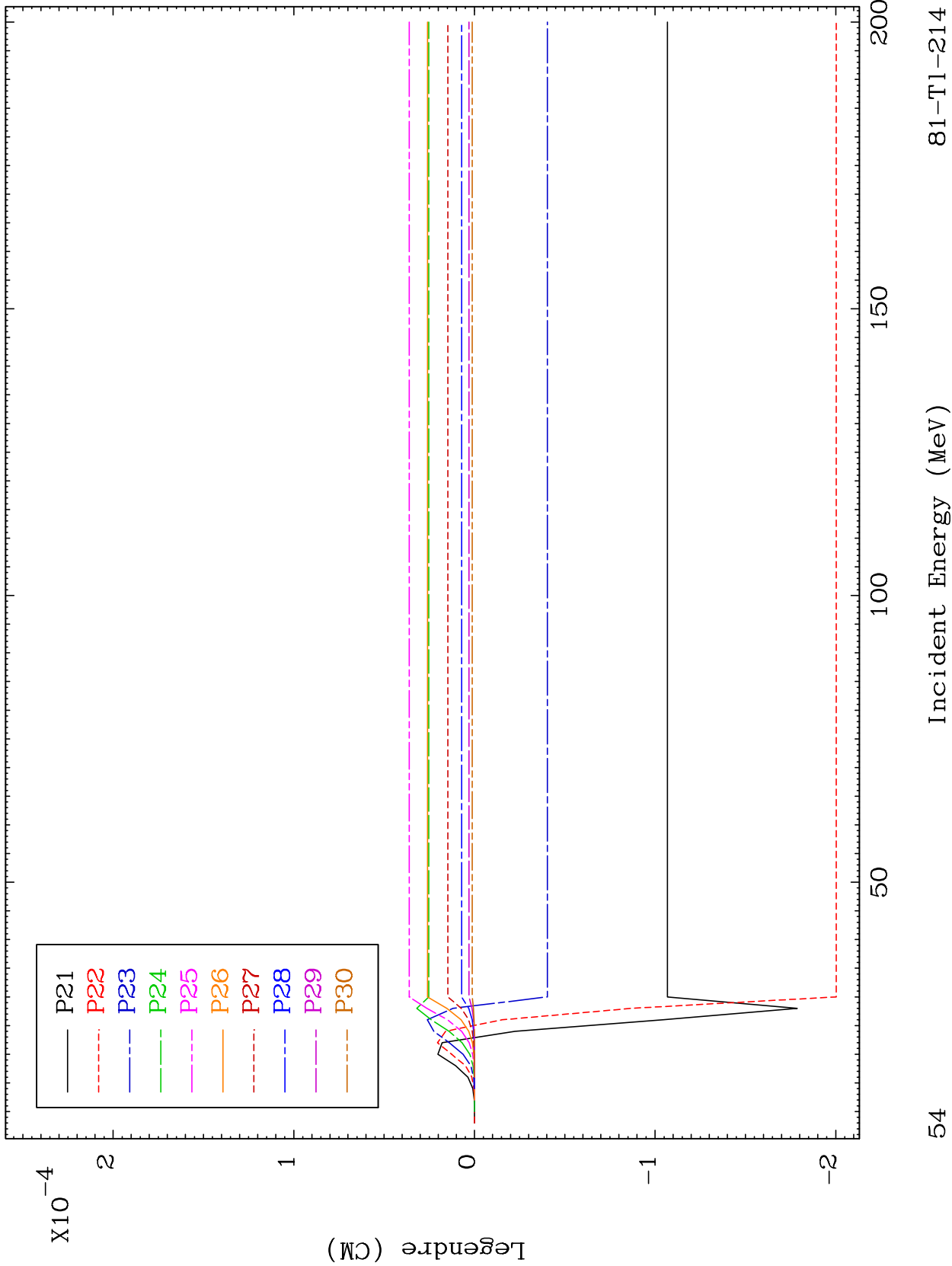
MT= 60 (n,n') Level
Legendre Coefficients

81-Tl-214



53

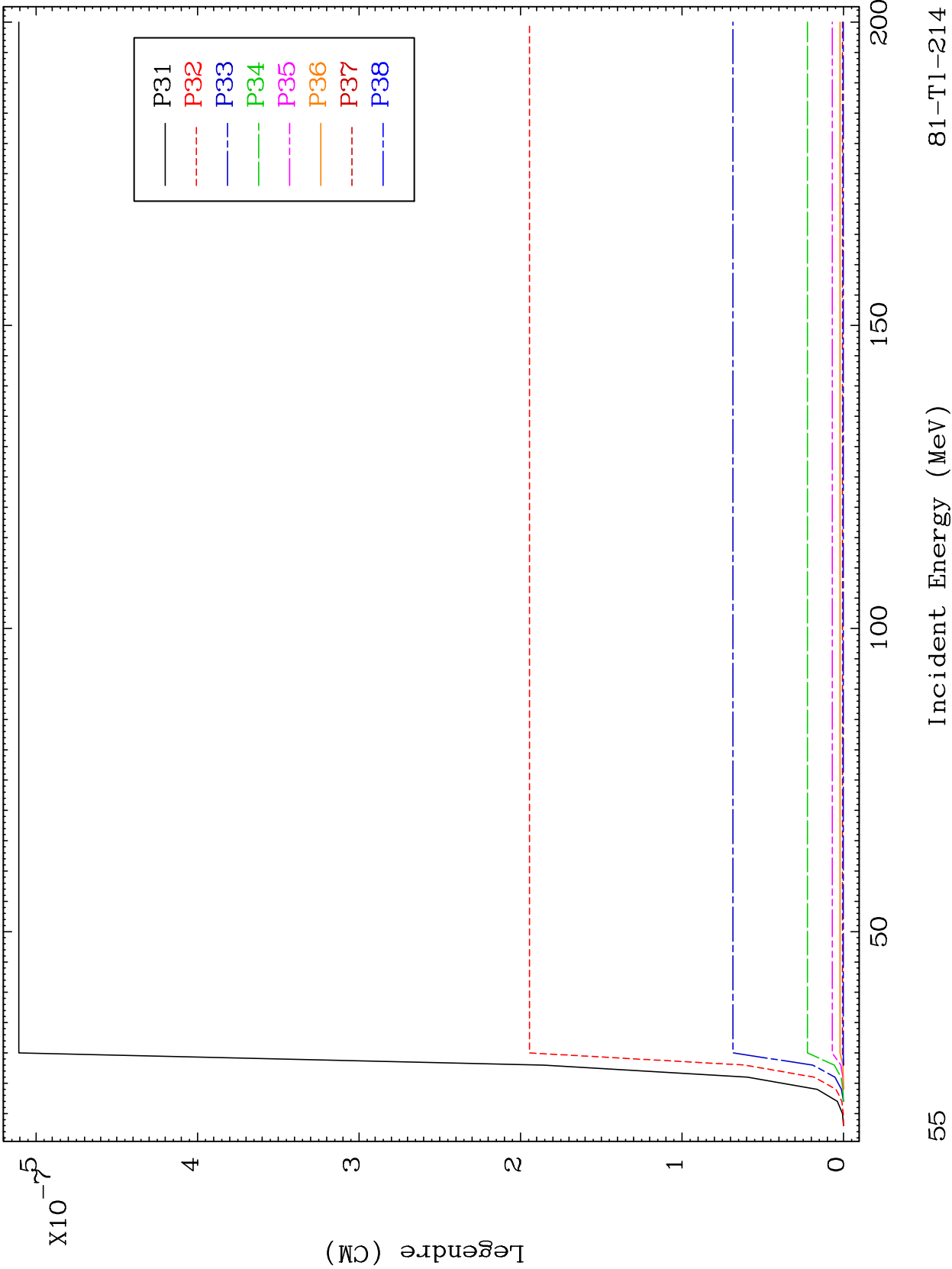
81-Tl-214



MAT 8158

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

81-Tl-214



55

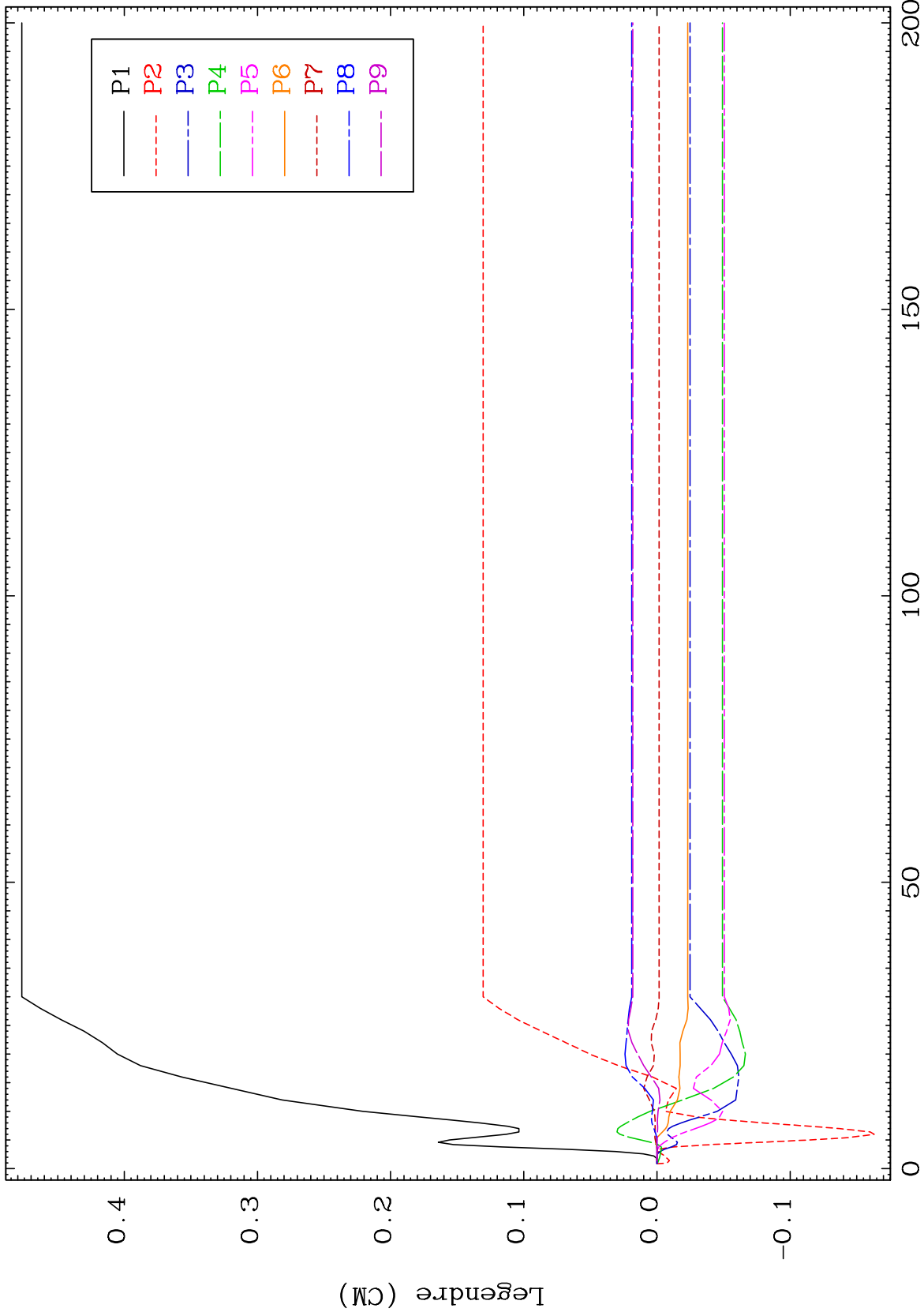
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

81-T1-214



56

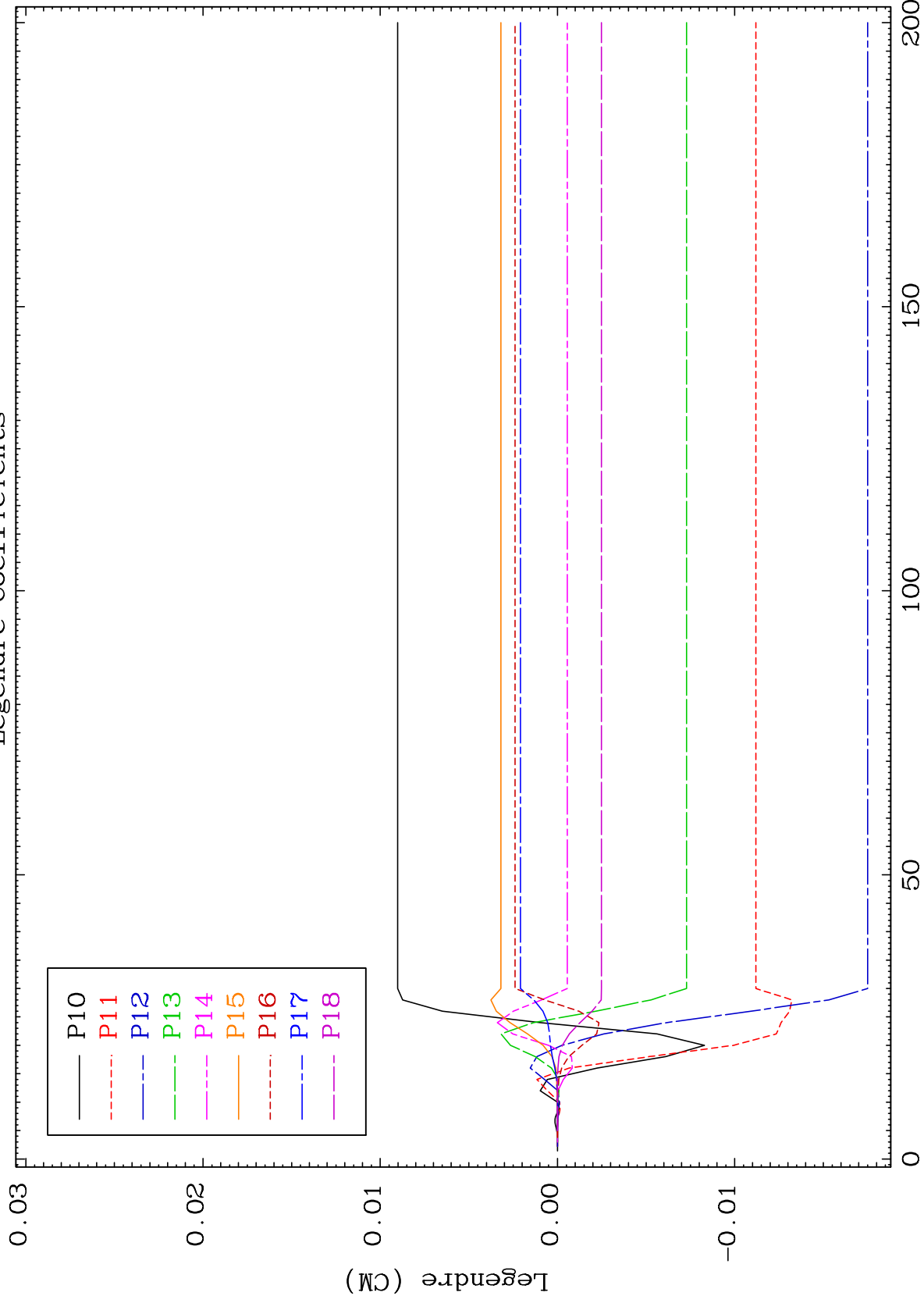
Incident Energy (MeV)

81-T1-214

MAT 8158

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

81-Tl-214



57

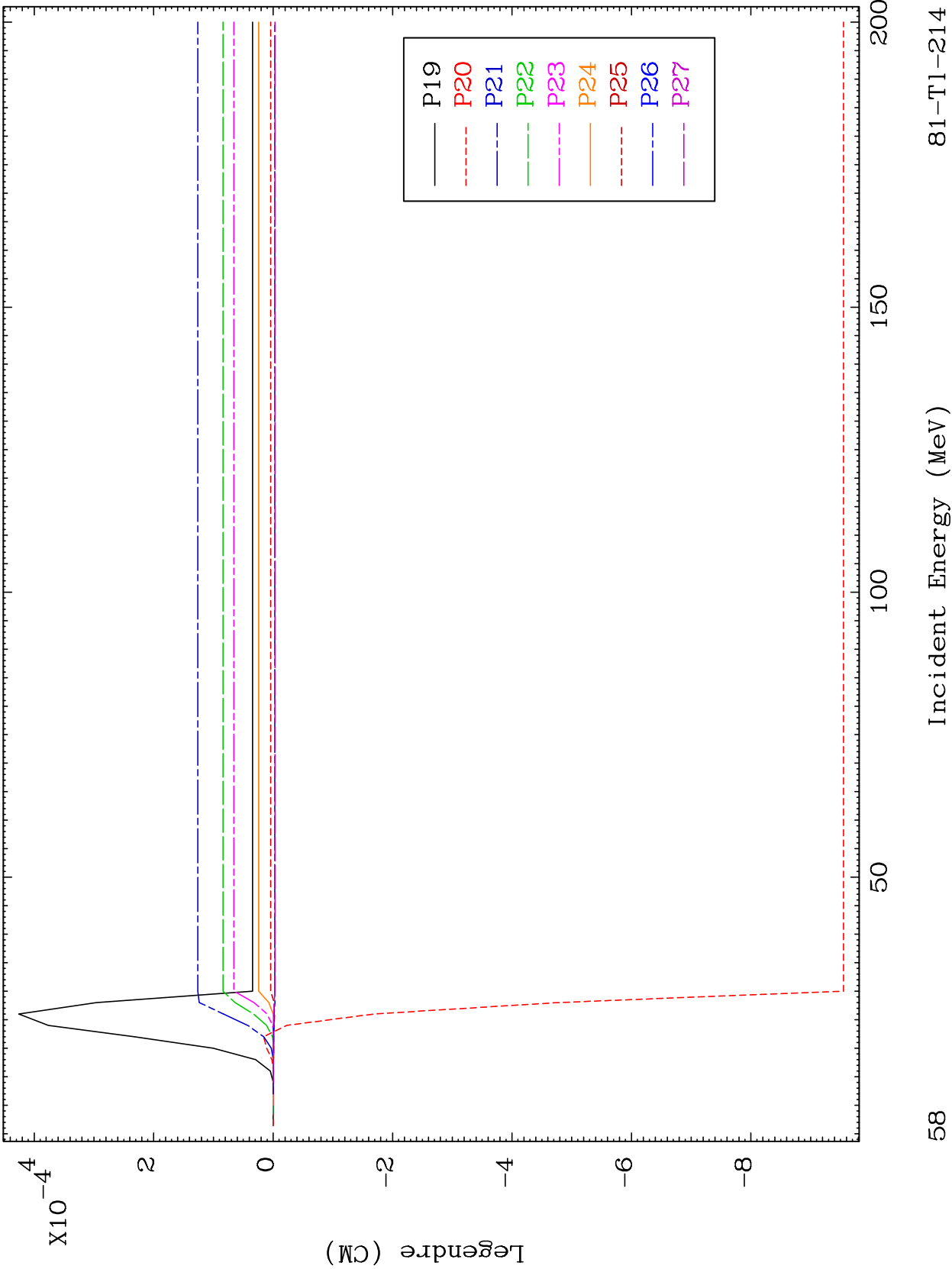
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

81-Tl-214



58

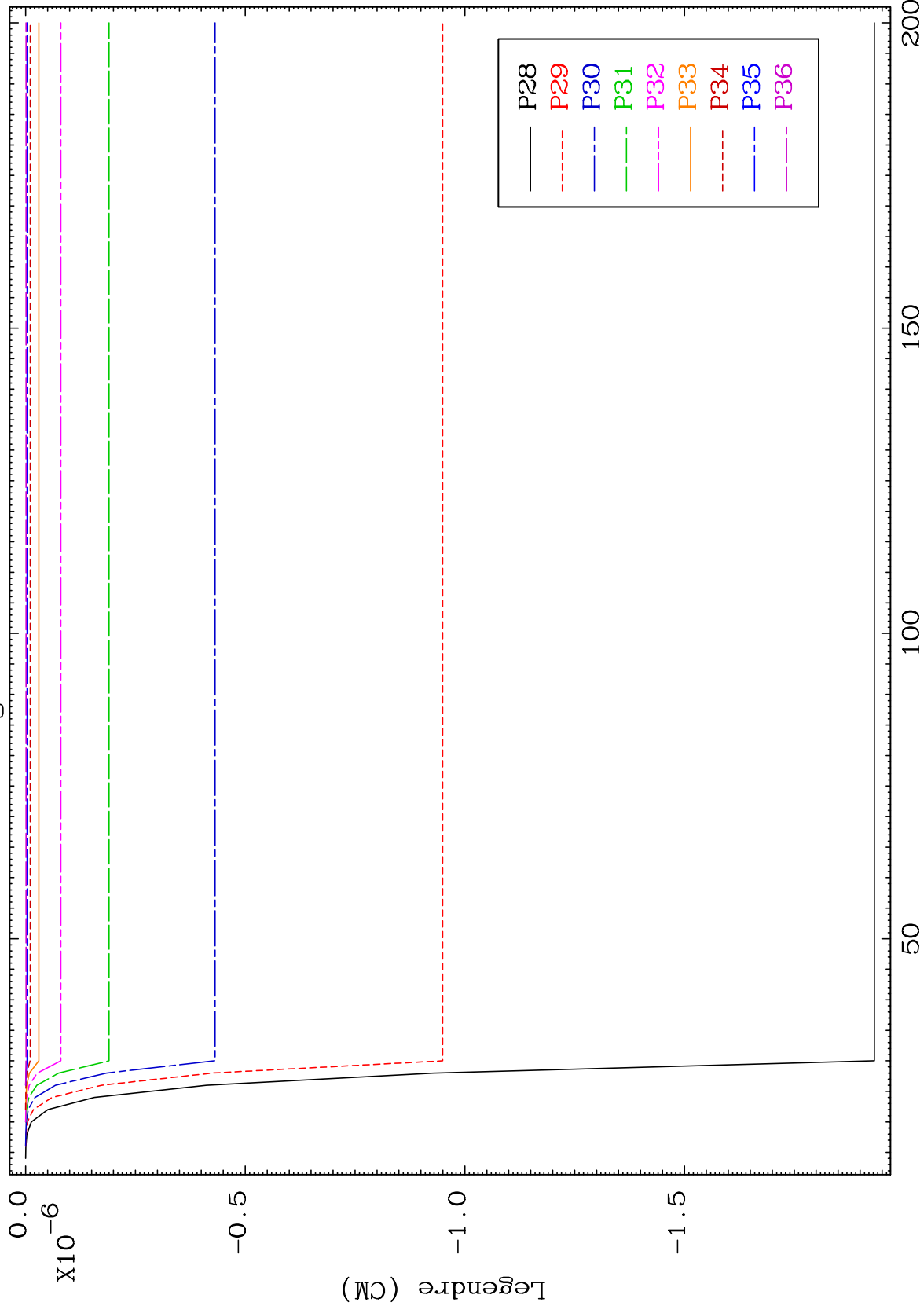
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

81-Tl-214



59

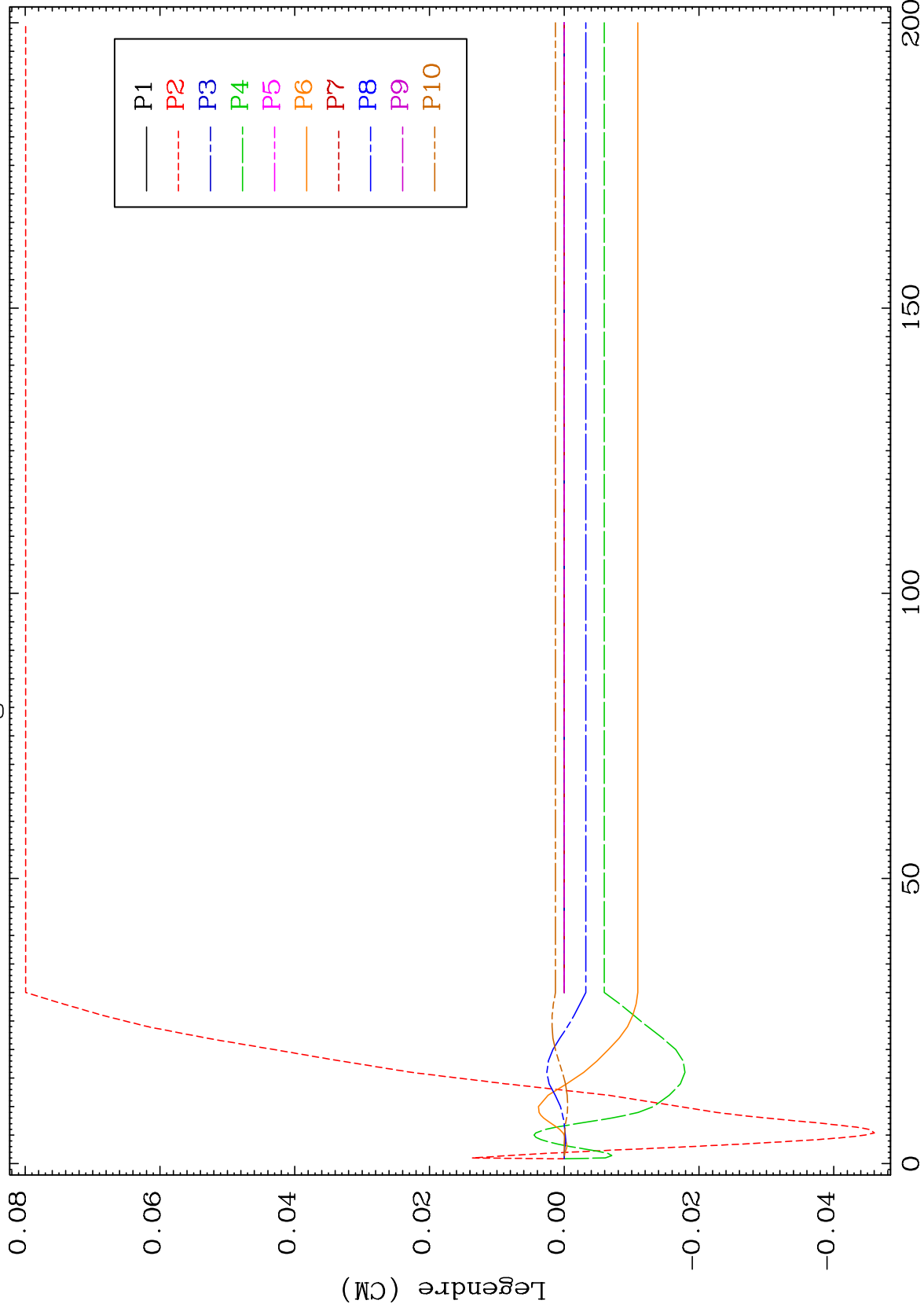
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

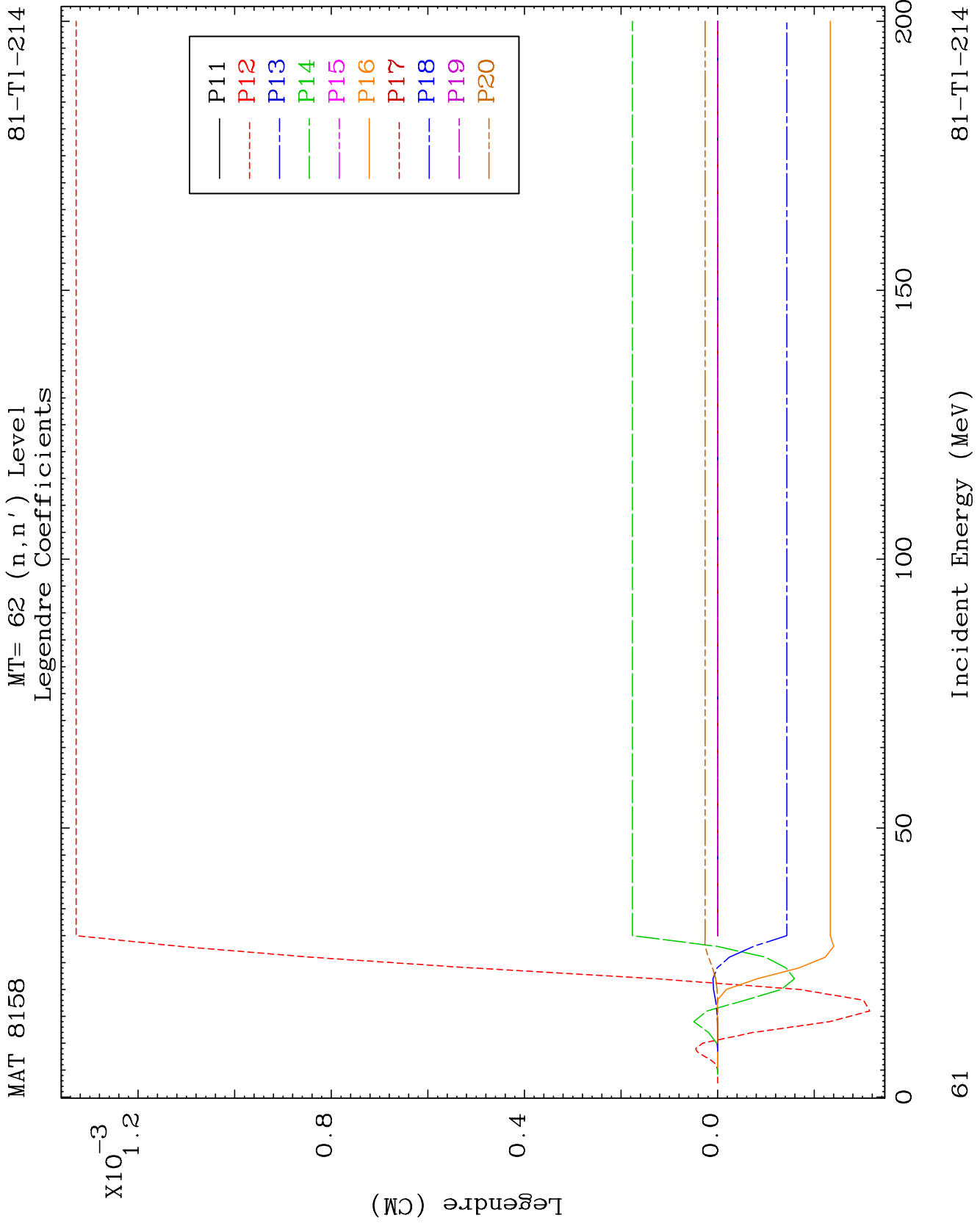
81-T1-214

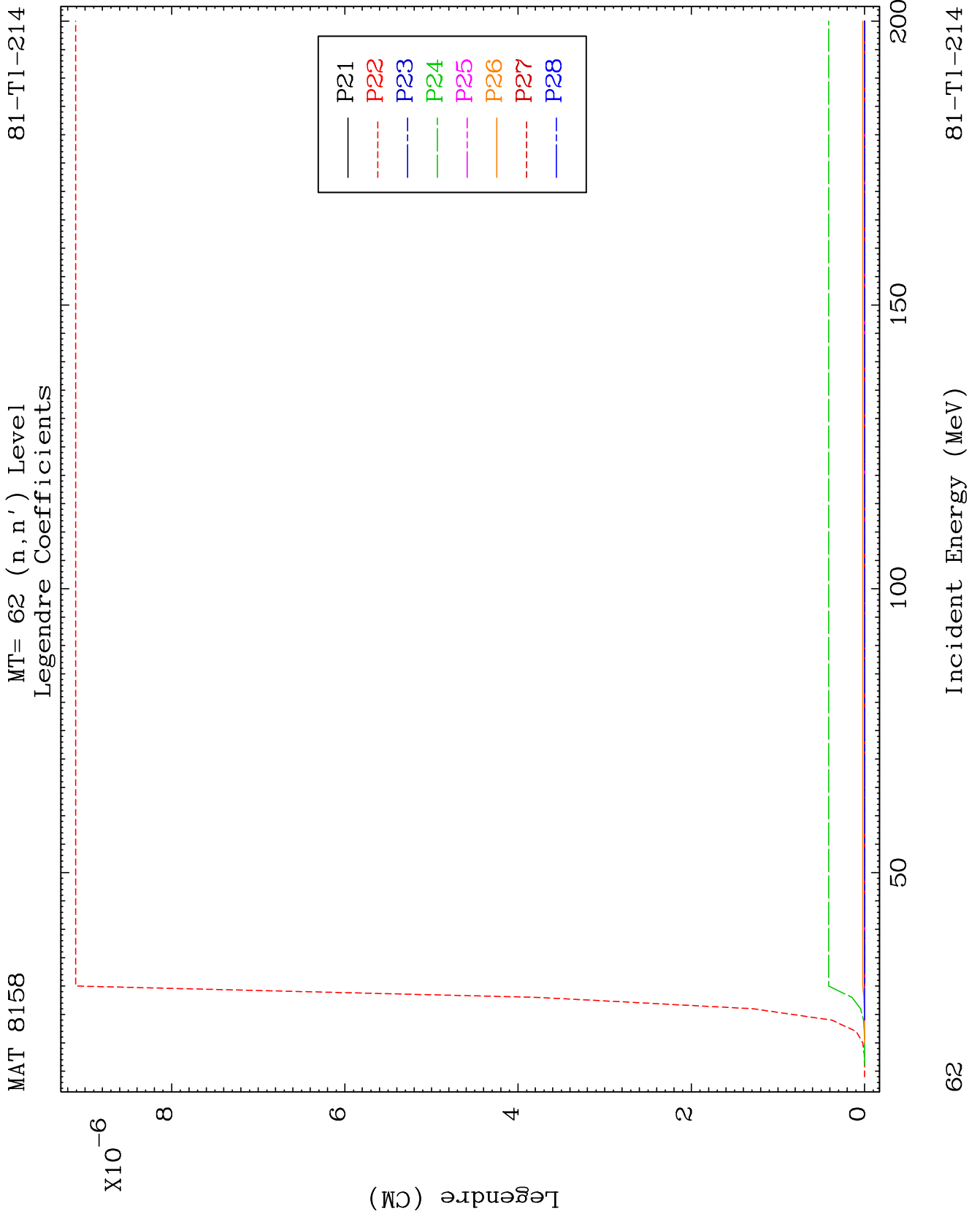


81-T1-214

Incident Energy (MeV)

60

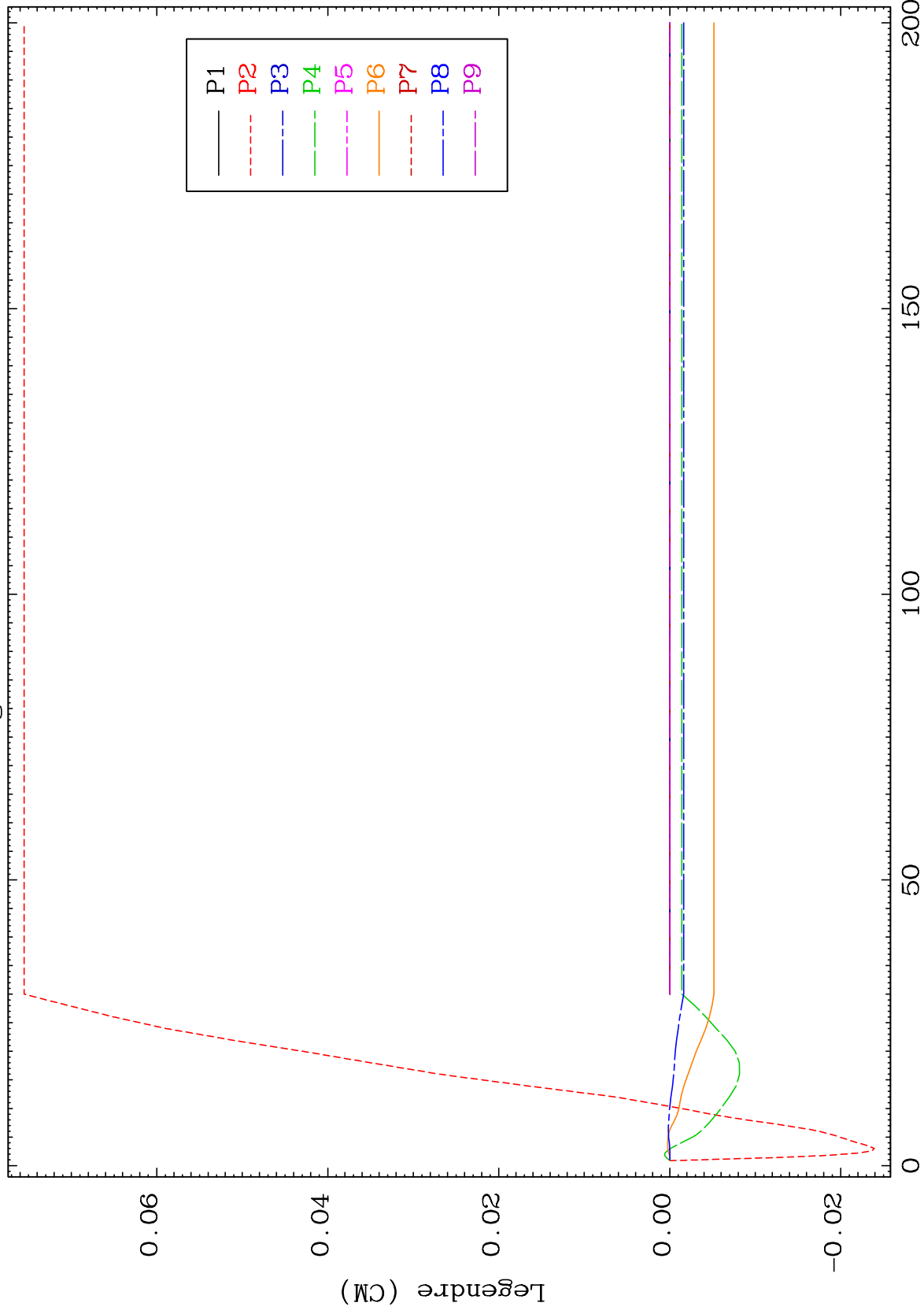




MAT 8158

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

81-T1-214



63

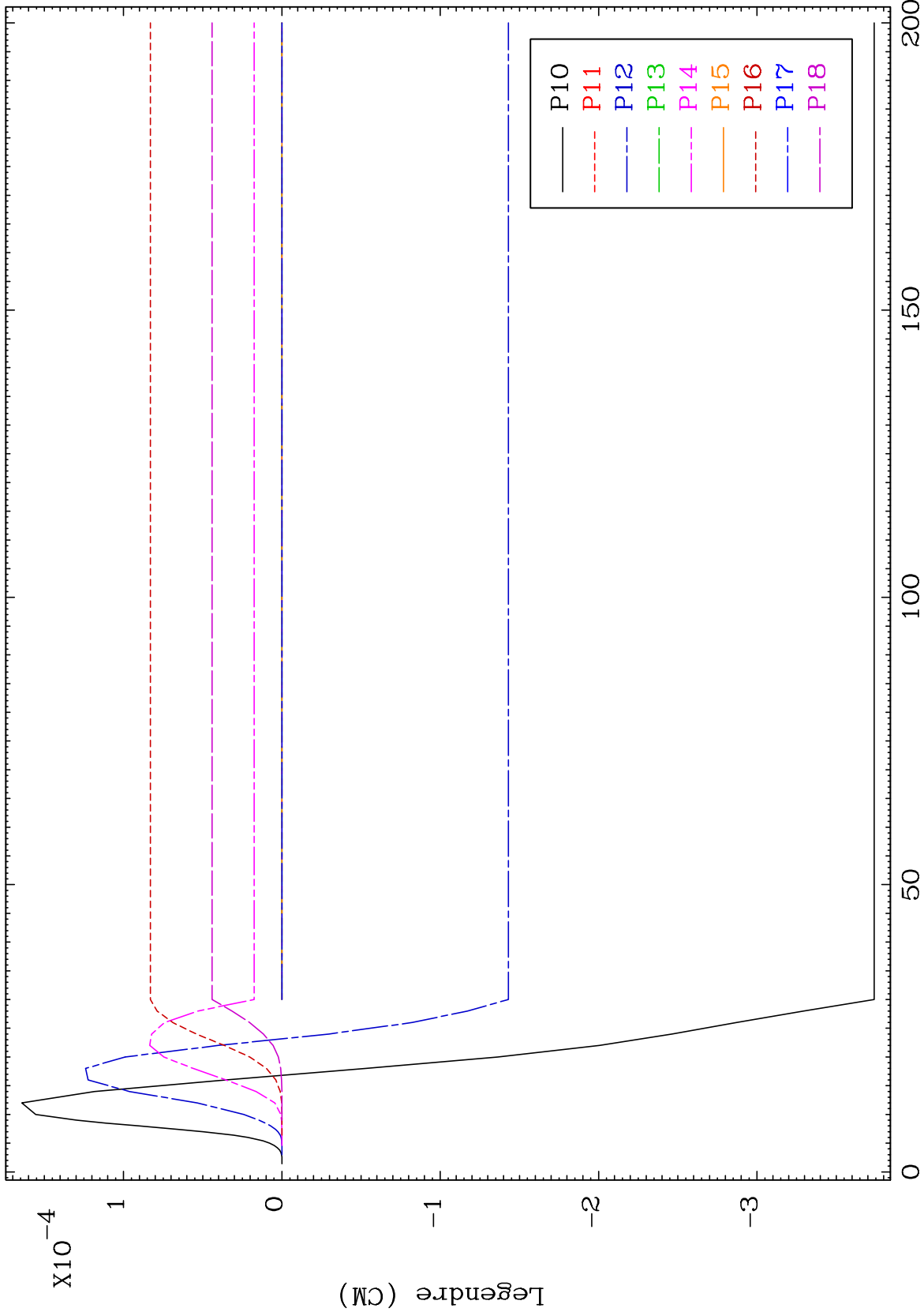
Incident Energy (MeV)

81-T1-214

MAT 8158

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

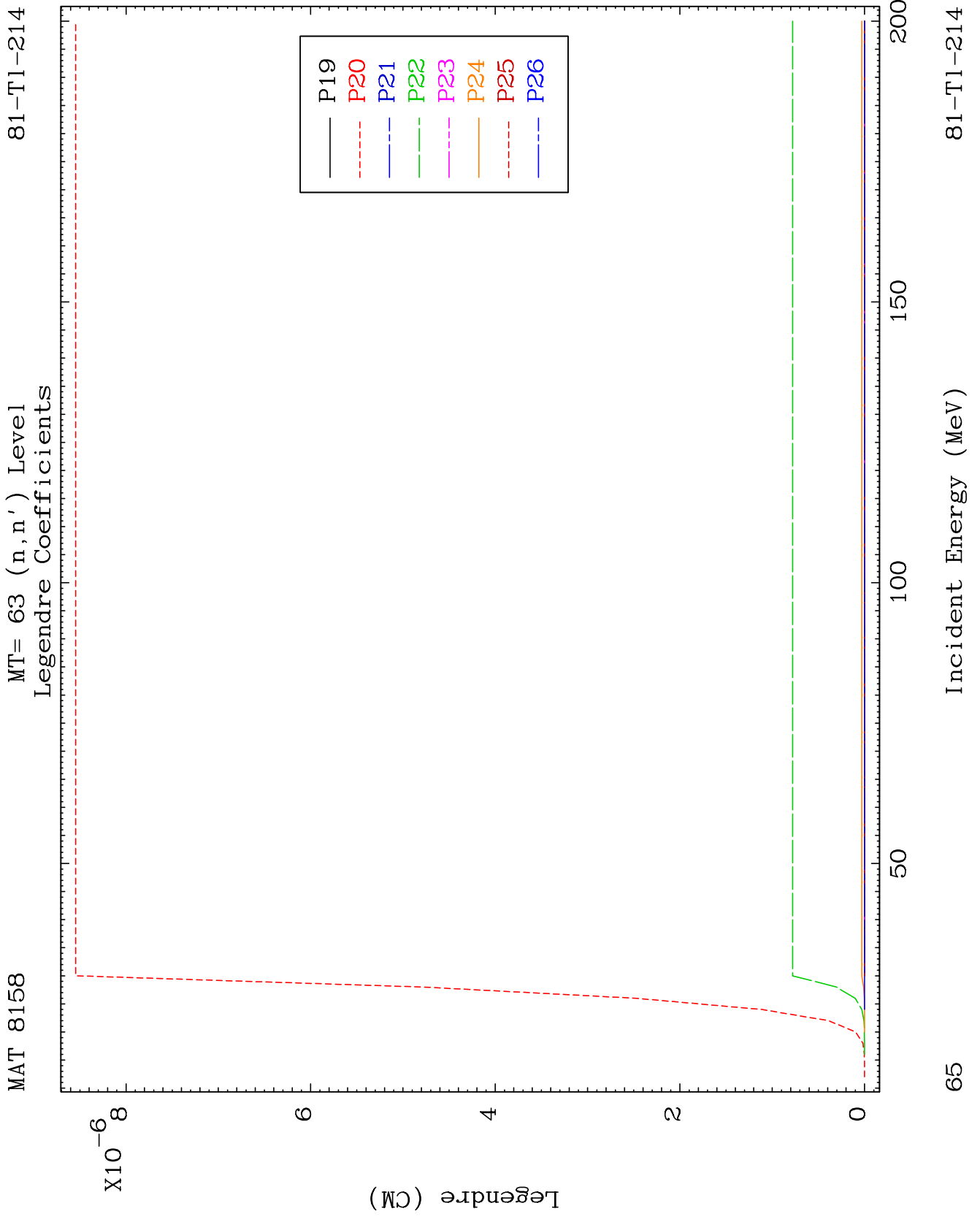
81-Tl-214



64

Incident Energy (MeV)

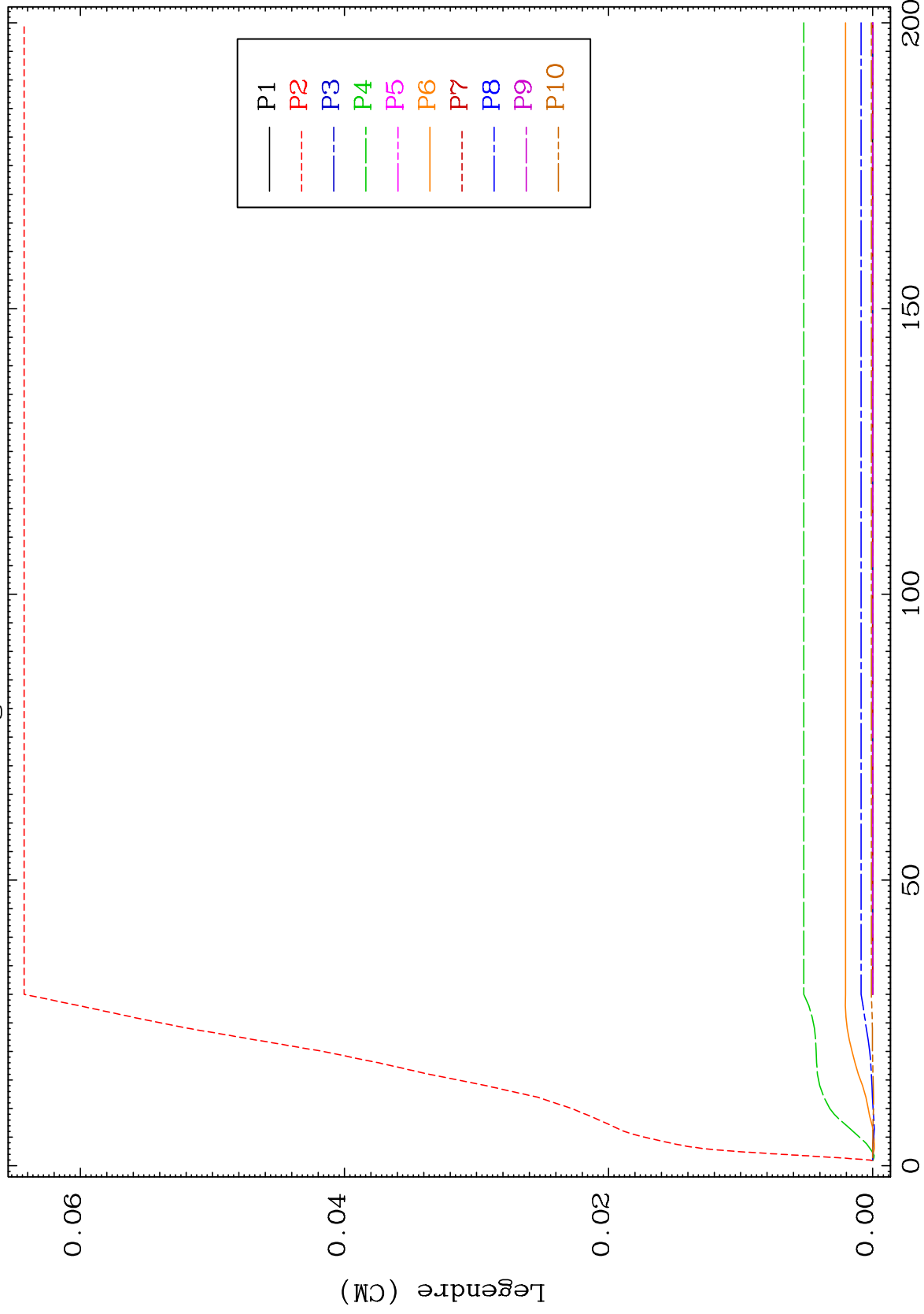
81-Tl-214



MAT 8158

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

81-Tl-214



66

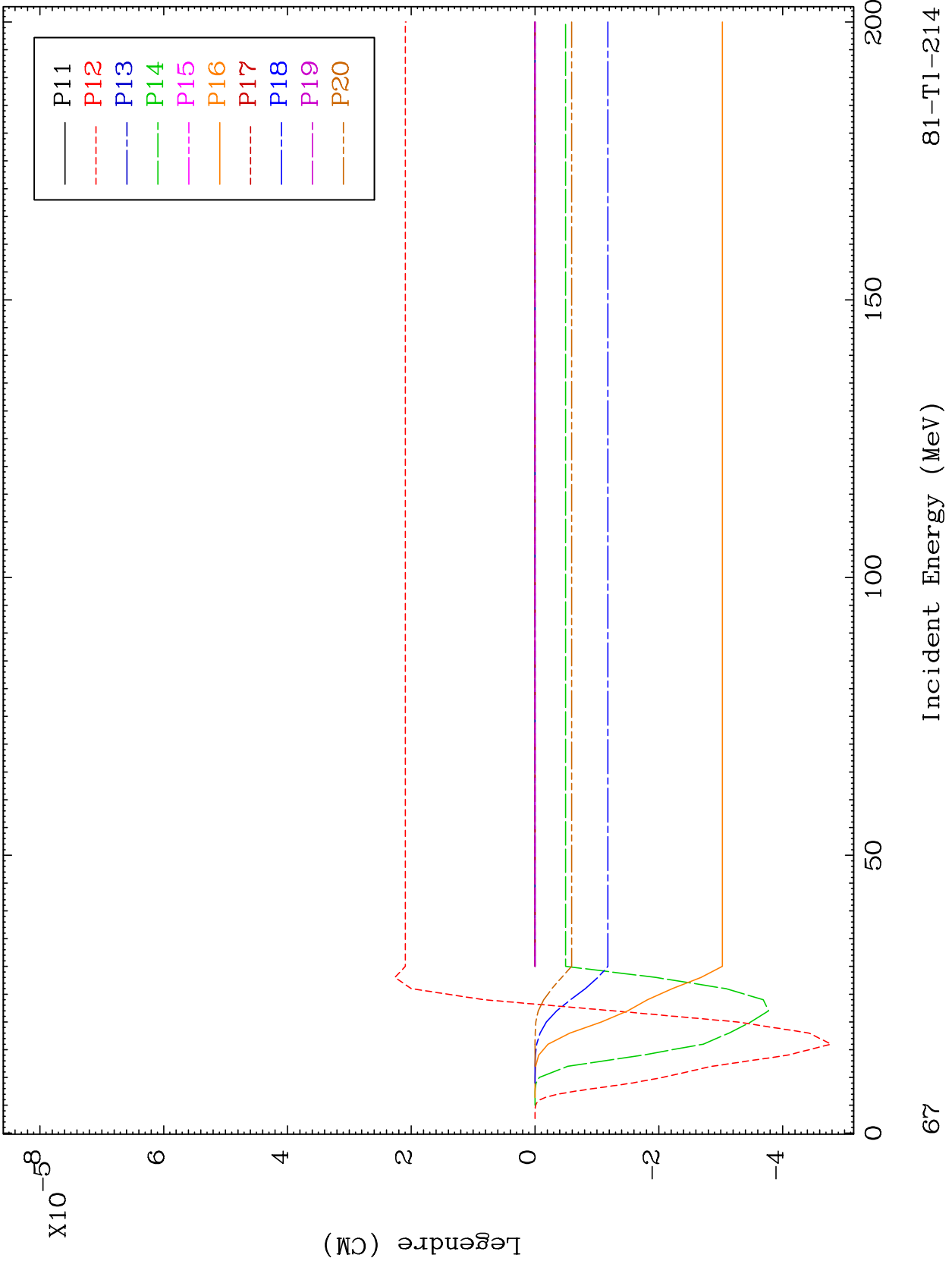
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

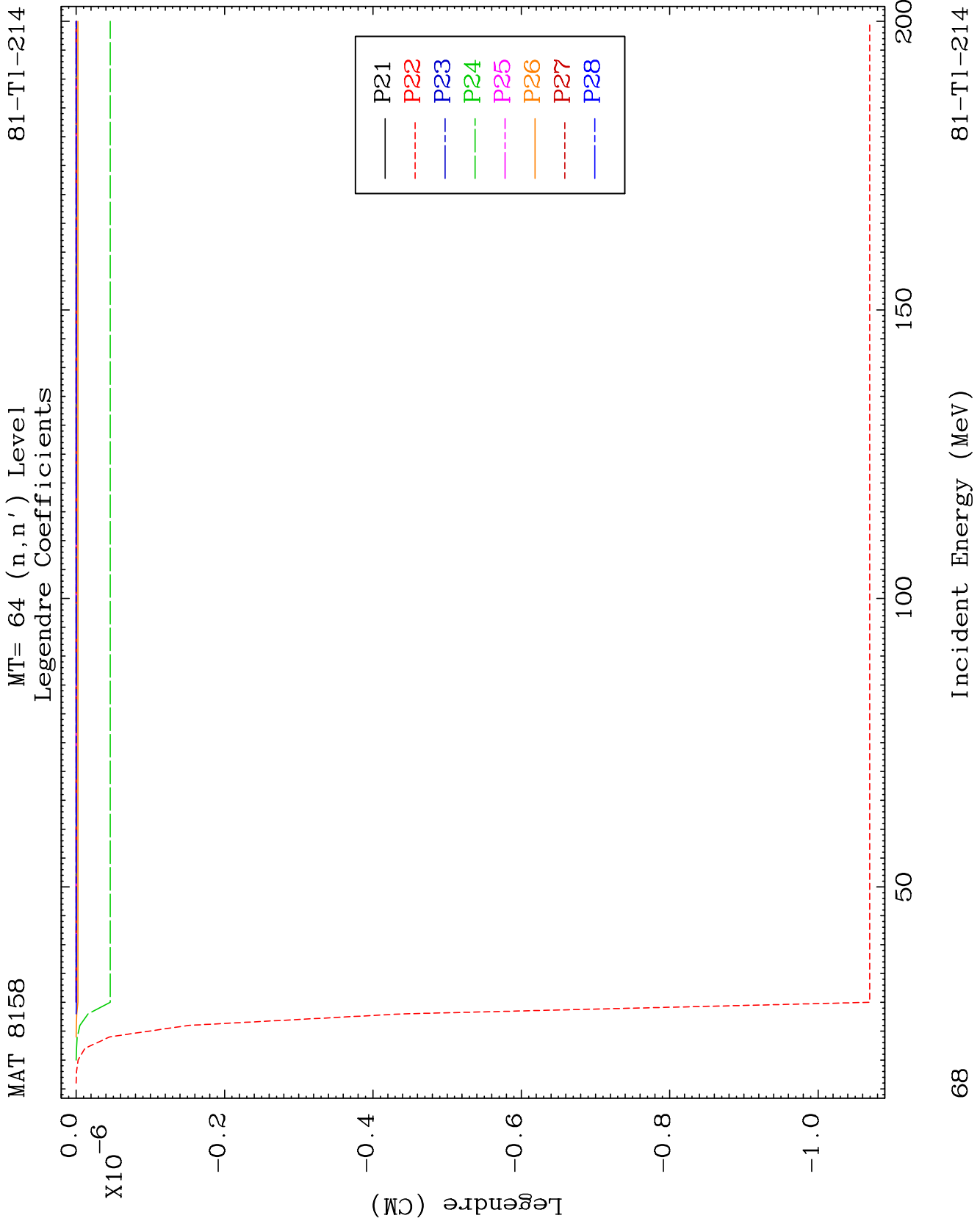
81-Tl-214

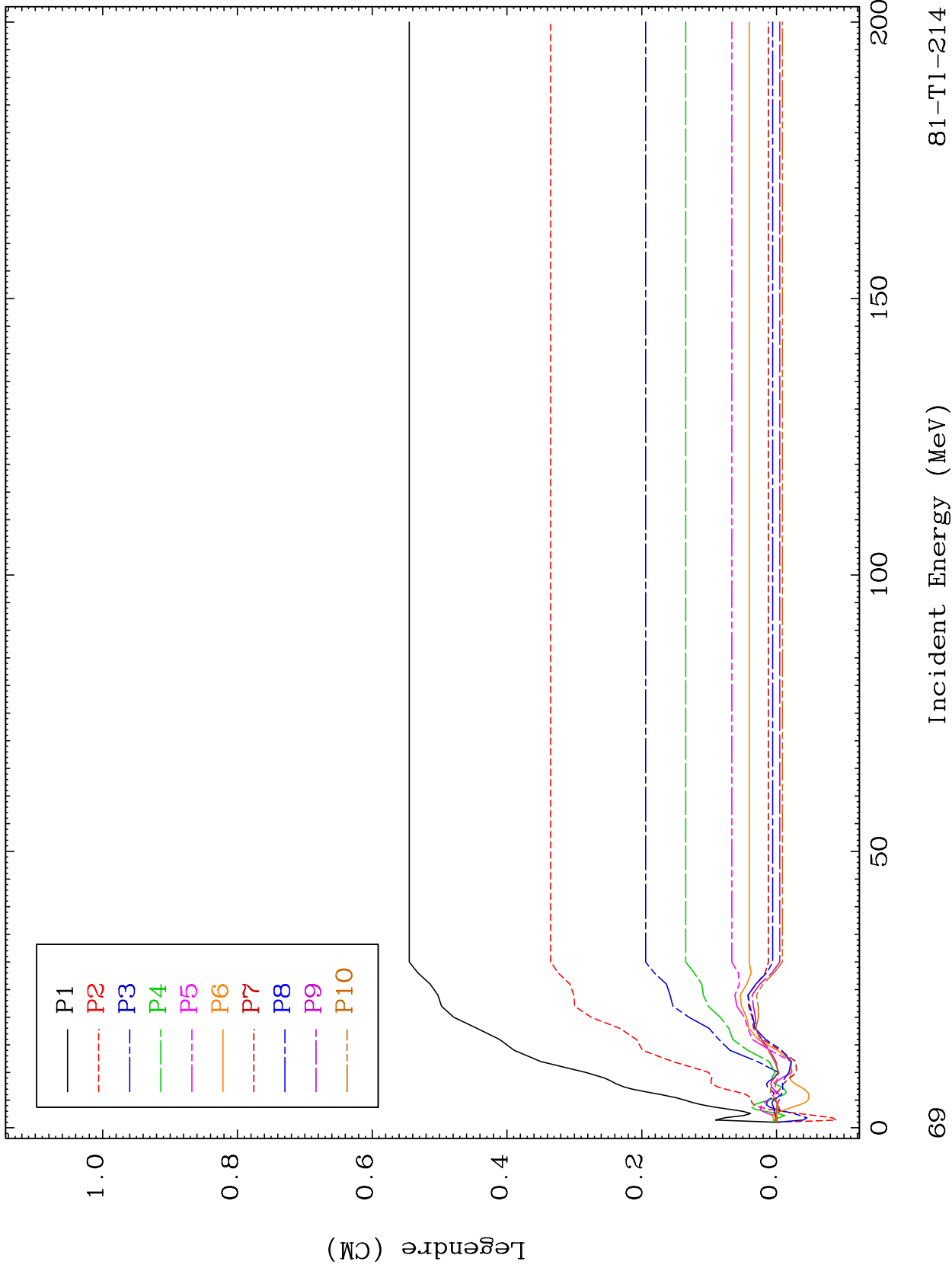


67

Incident Energy (MeV)

81-Tl-214

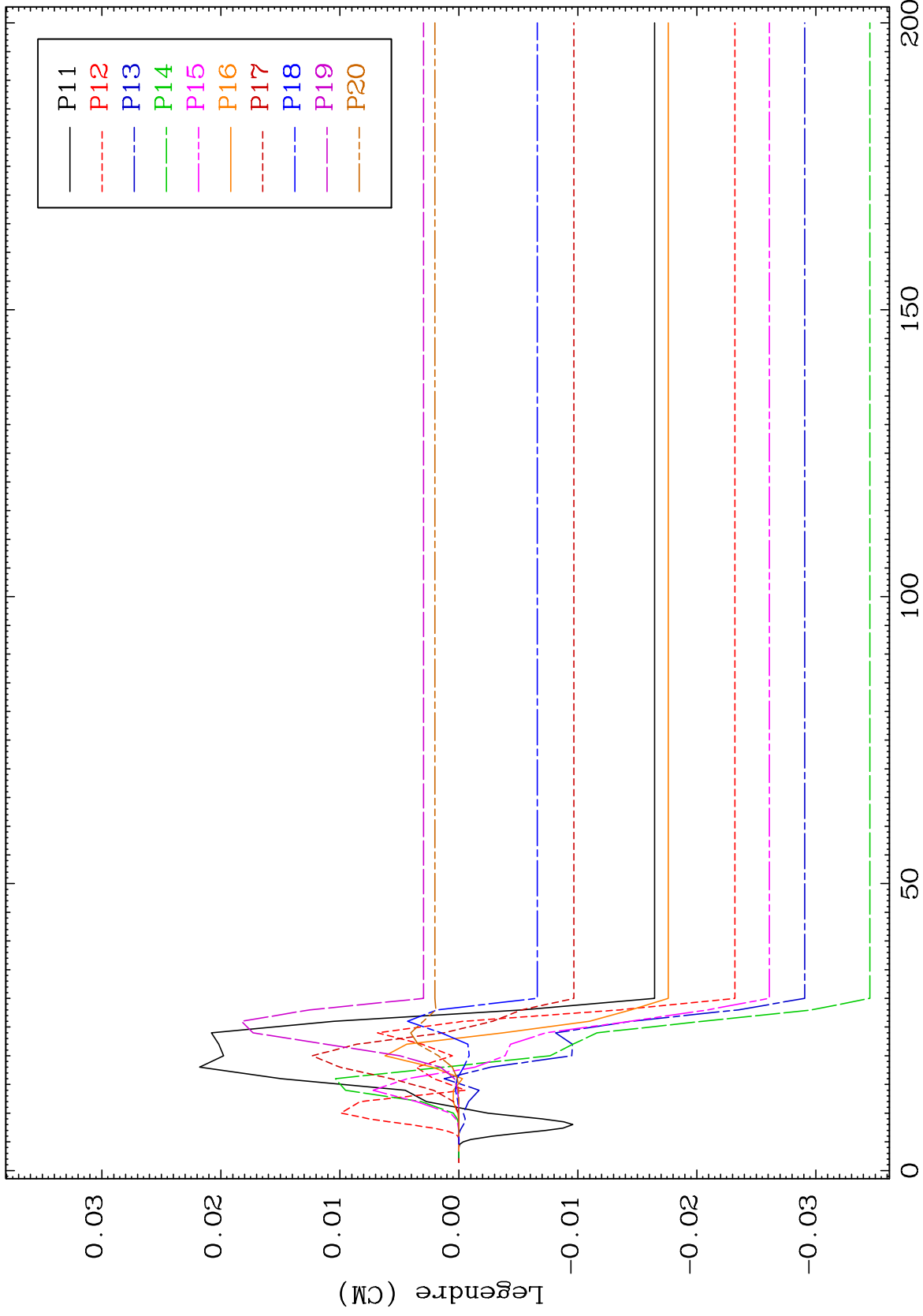




MAT 8158

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

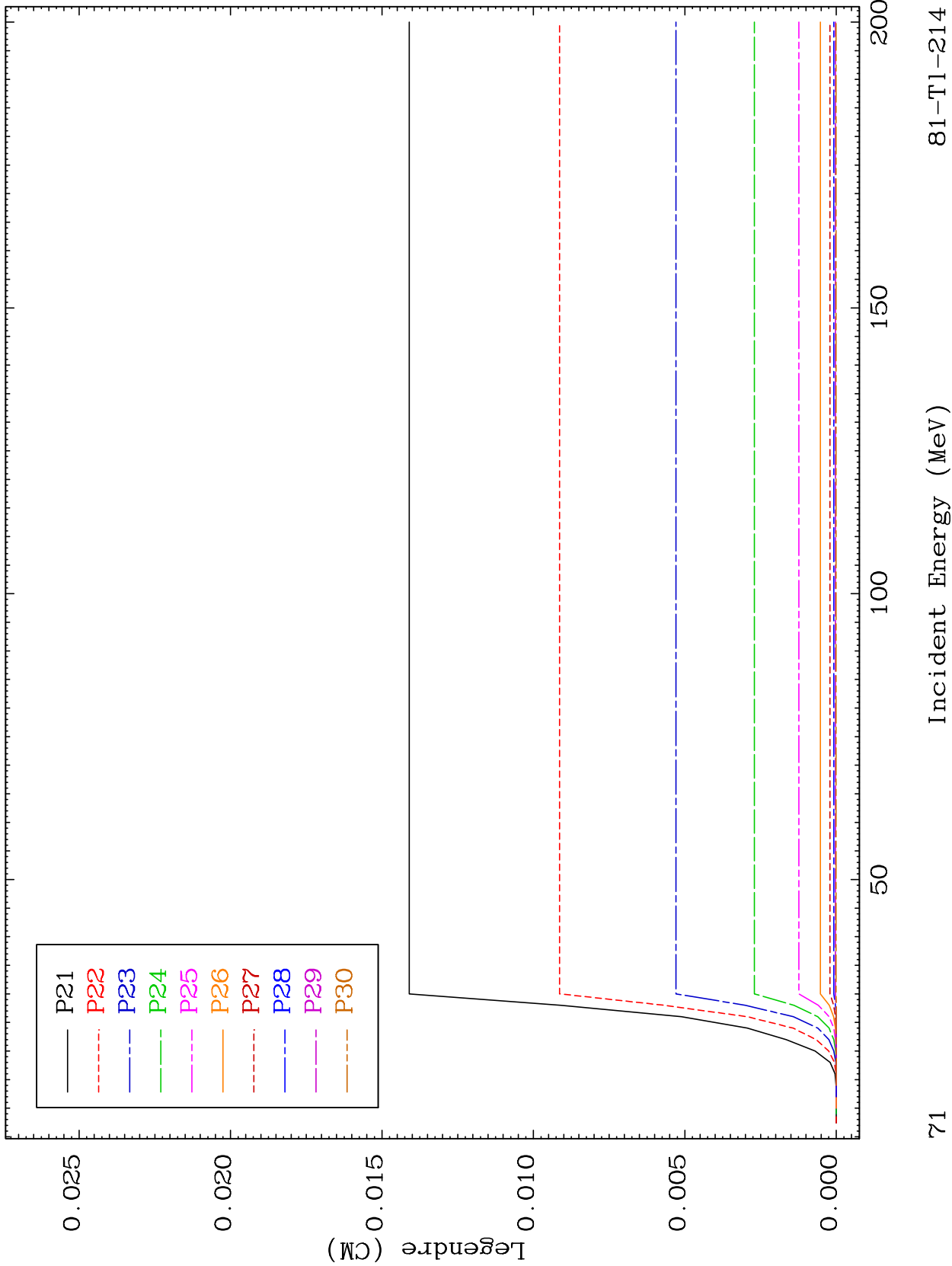
81-Tl-214



81-Tl-214

Incident Energy (MeV)

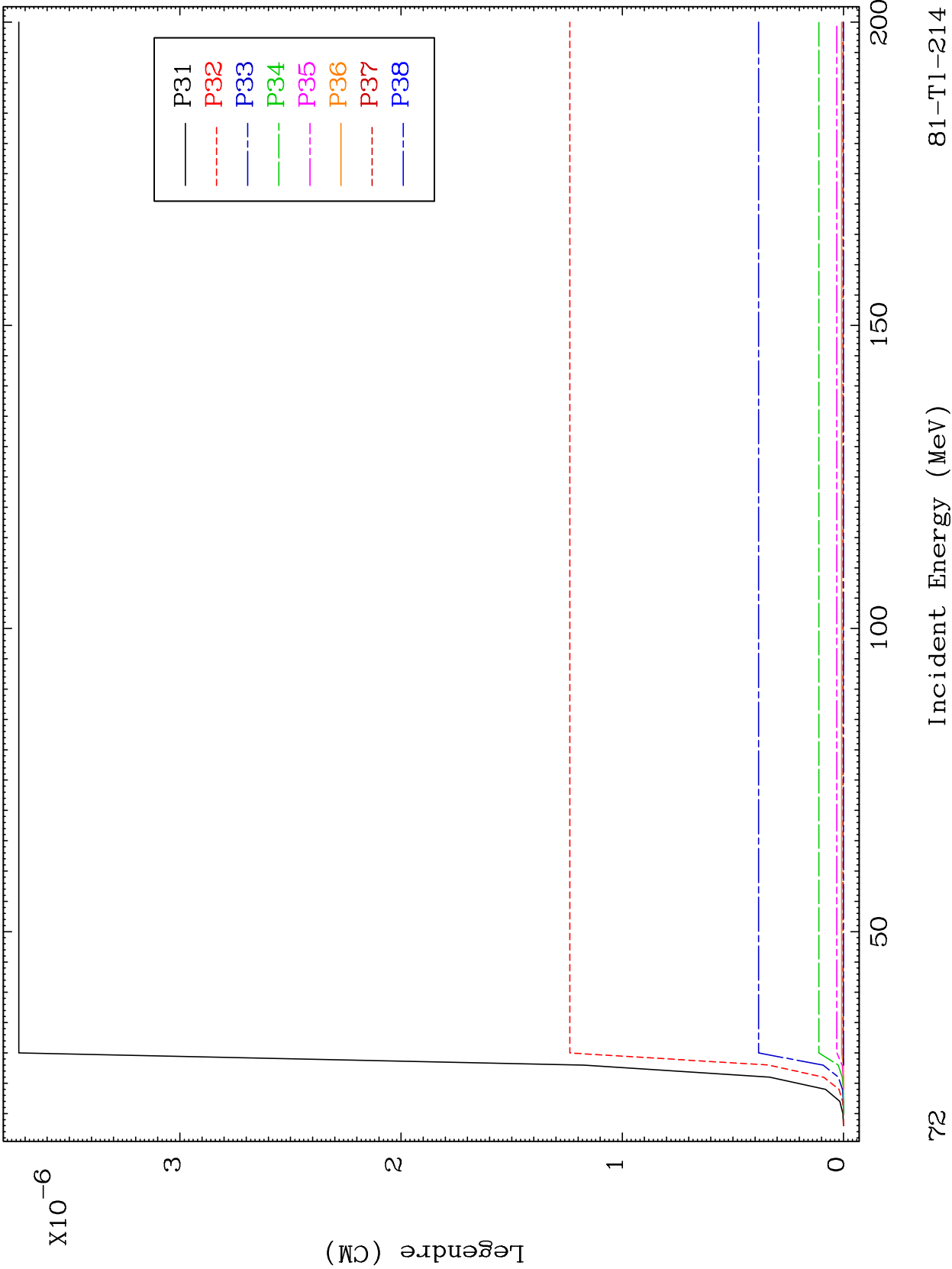
70



MAT 8158

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

81-Tl-214



72

Incident Energy (MeV)

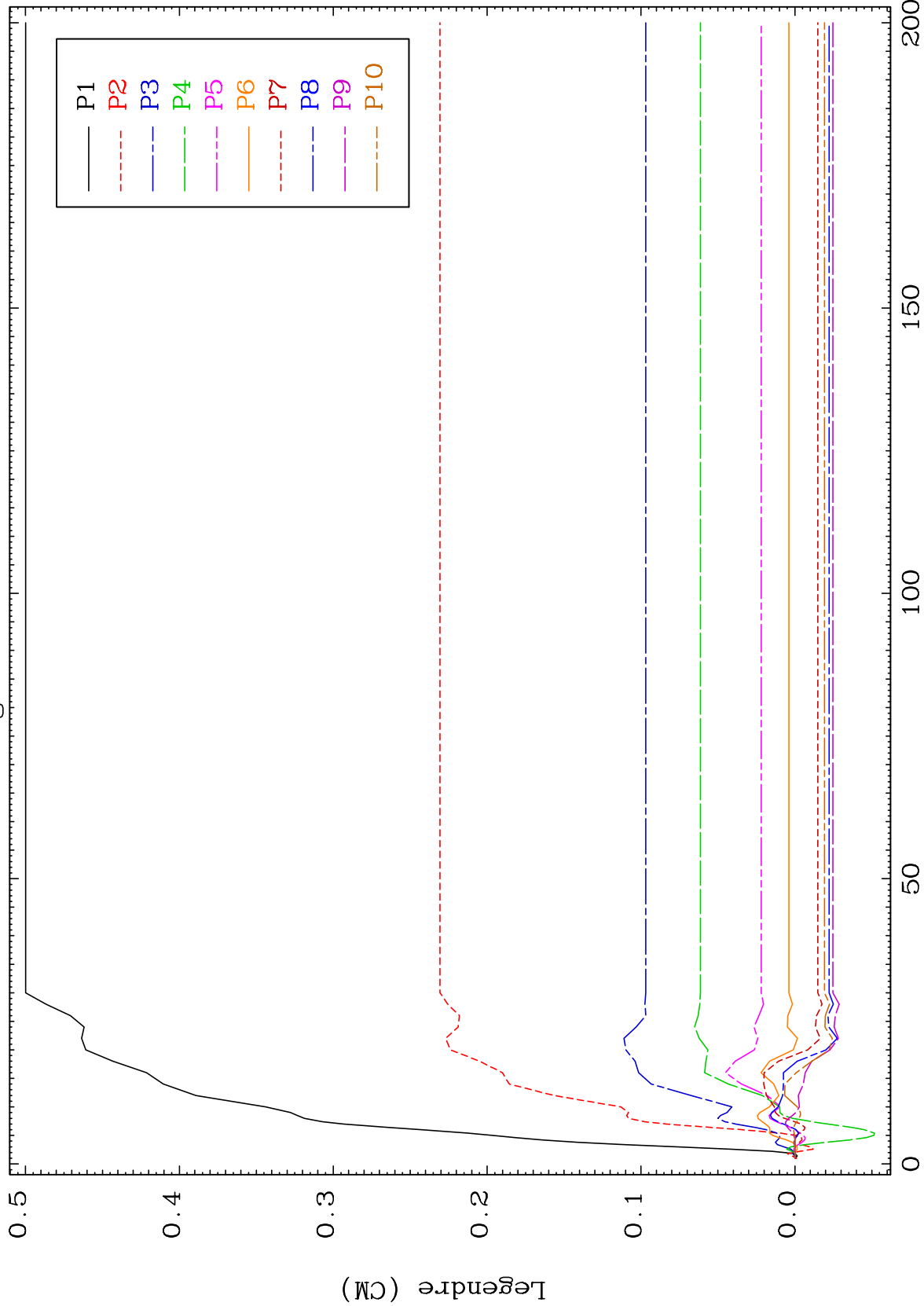
81-Tl-214

MAT 8158

MT= 66 (n,n') Level

81-Tl-214

Legendre Coefficients



73

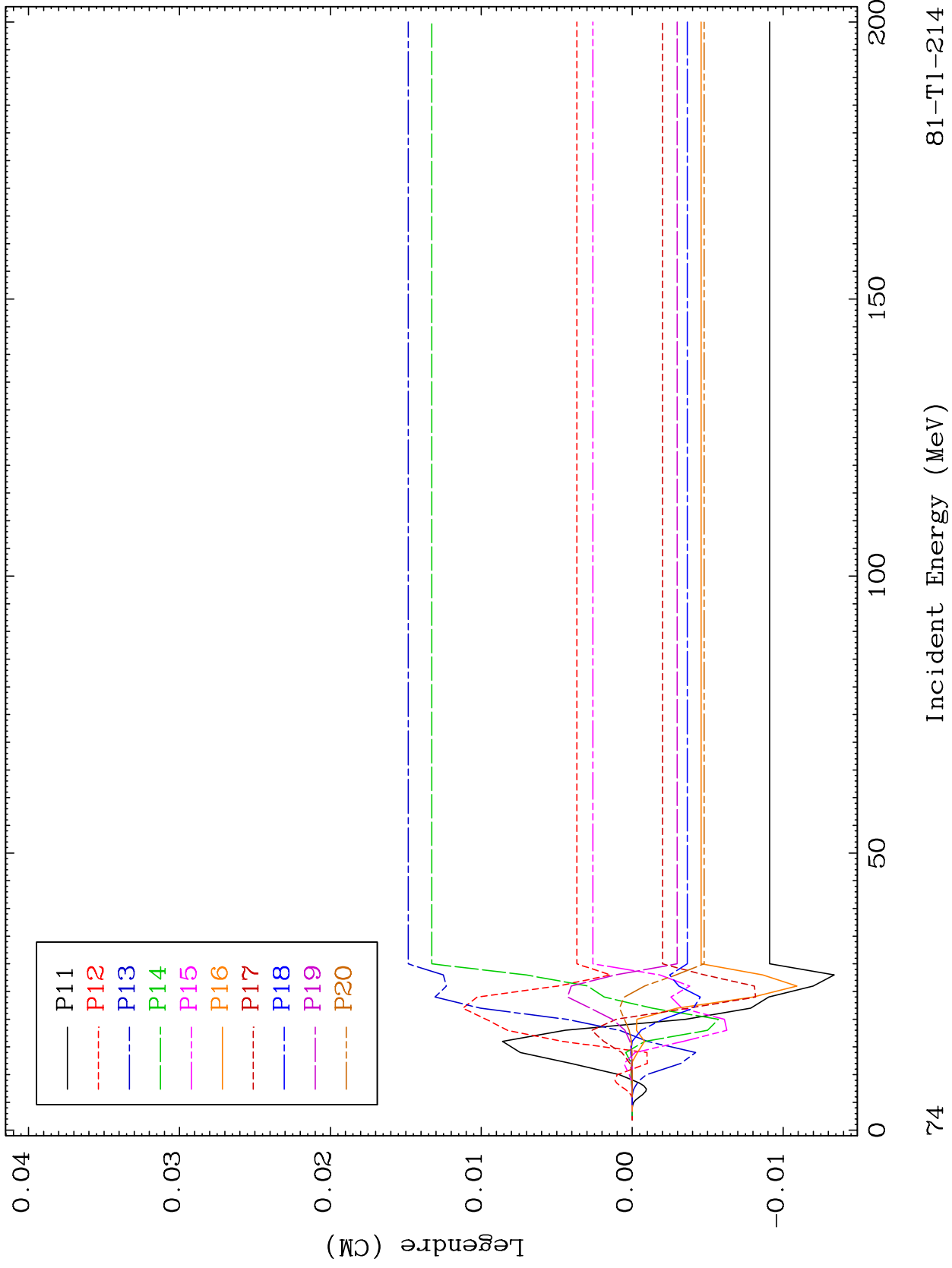
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

81-Tl-214



74

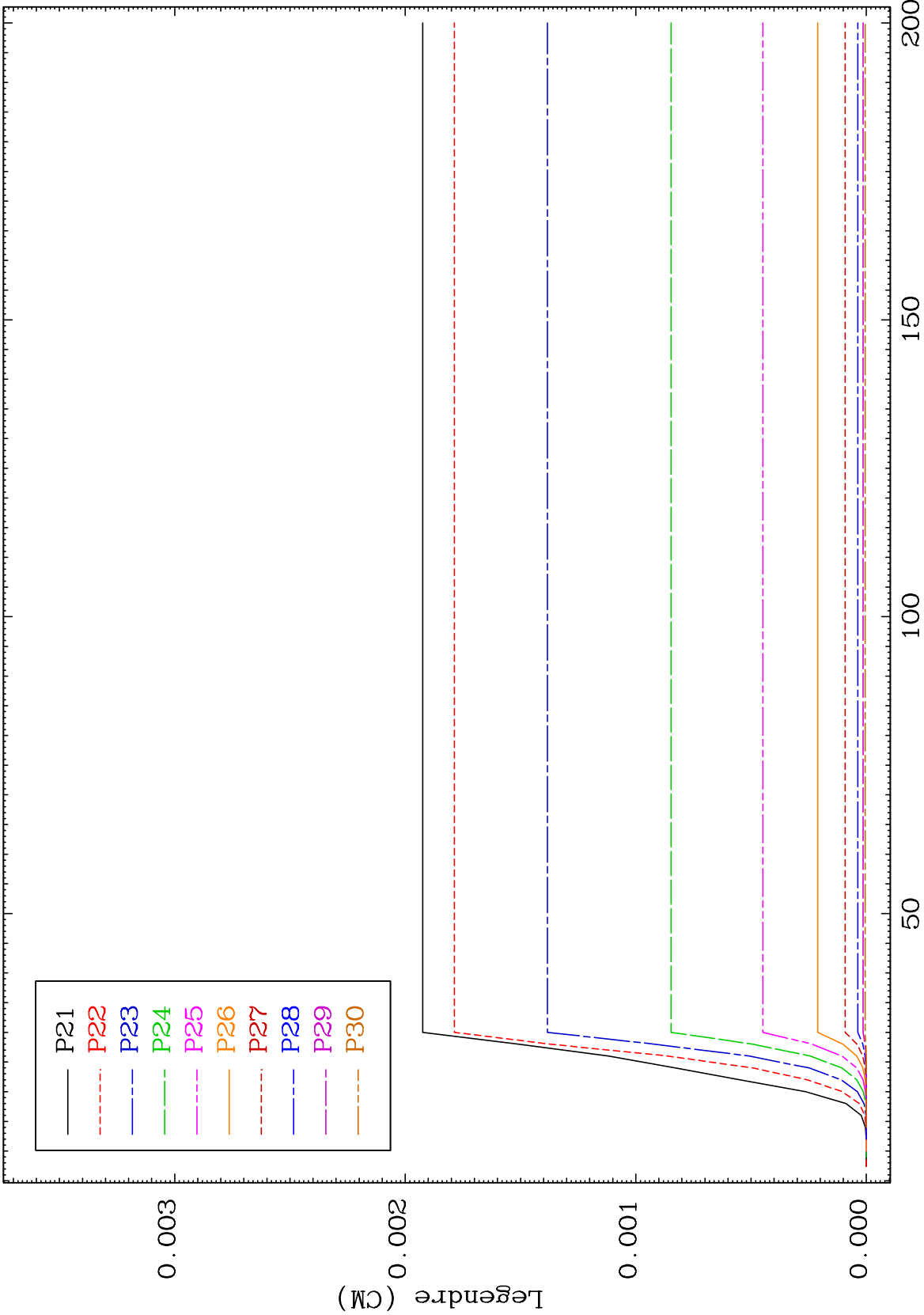
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

81-Tl-214



75

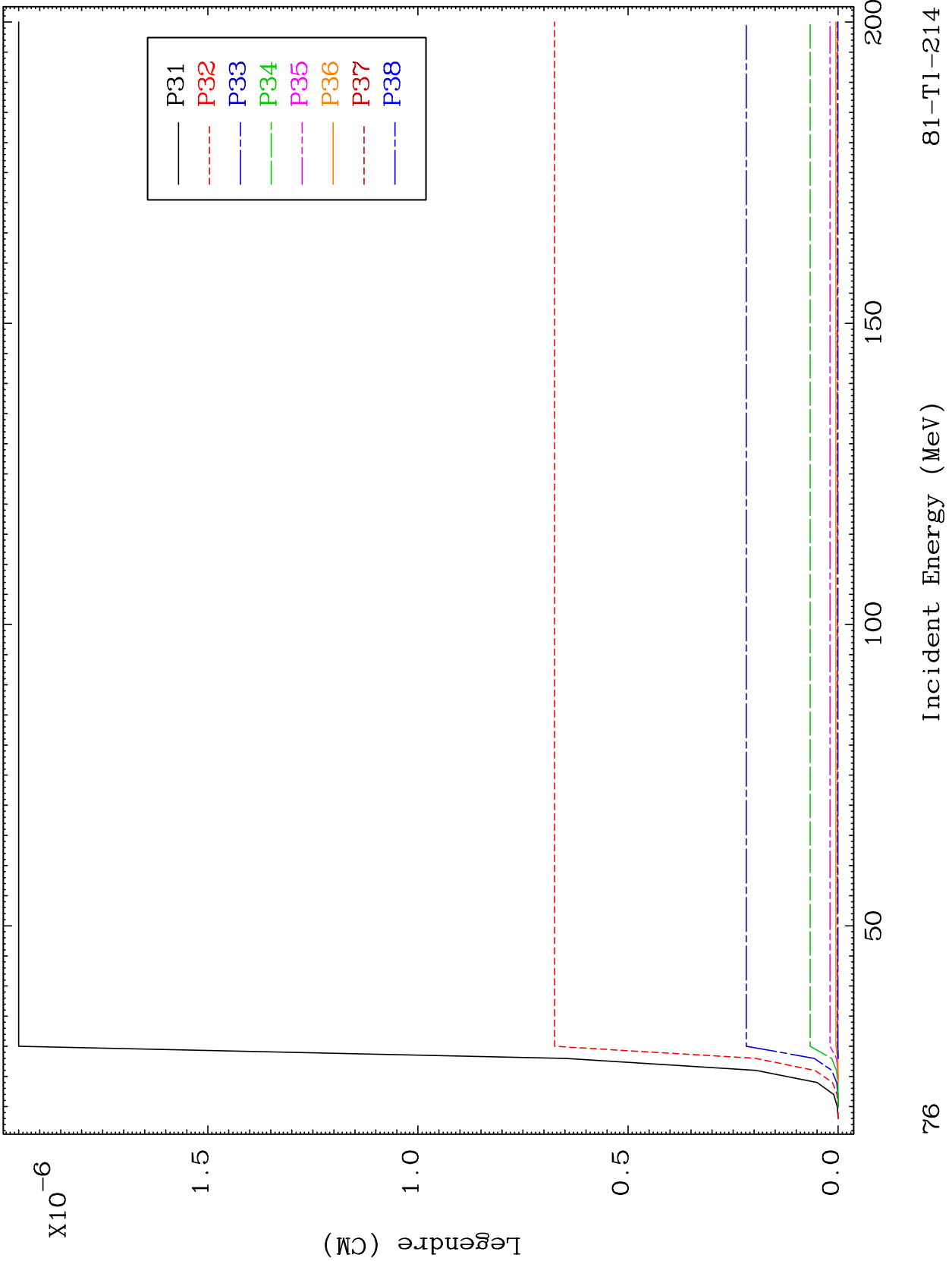
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

81-T1-214



76

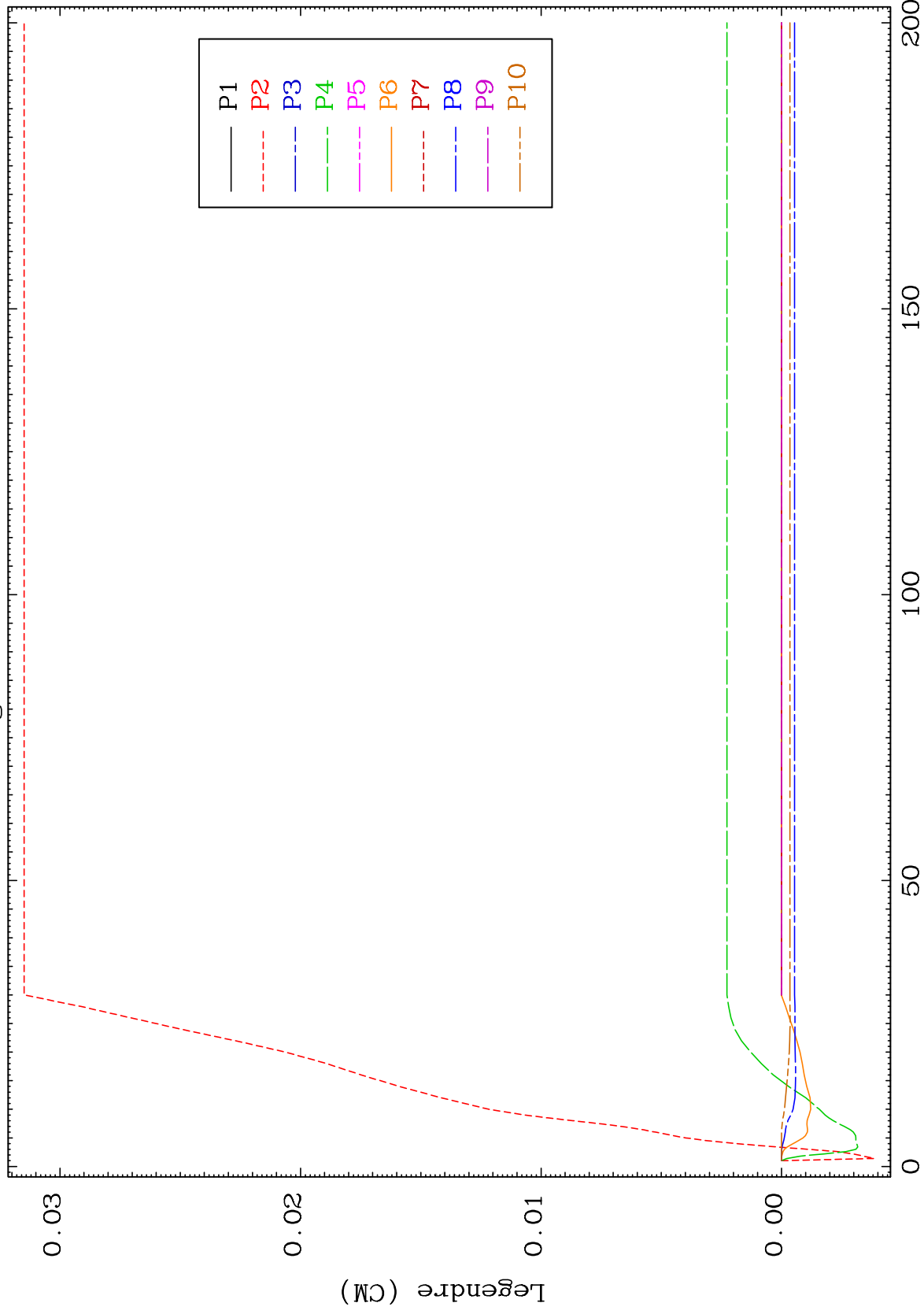
Incident Energy (MeV)

81-T1-214

MAT 8158

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

81-Tl-214



77

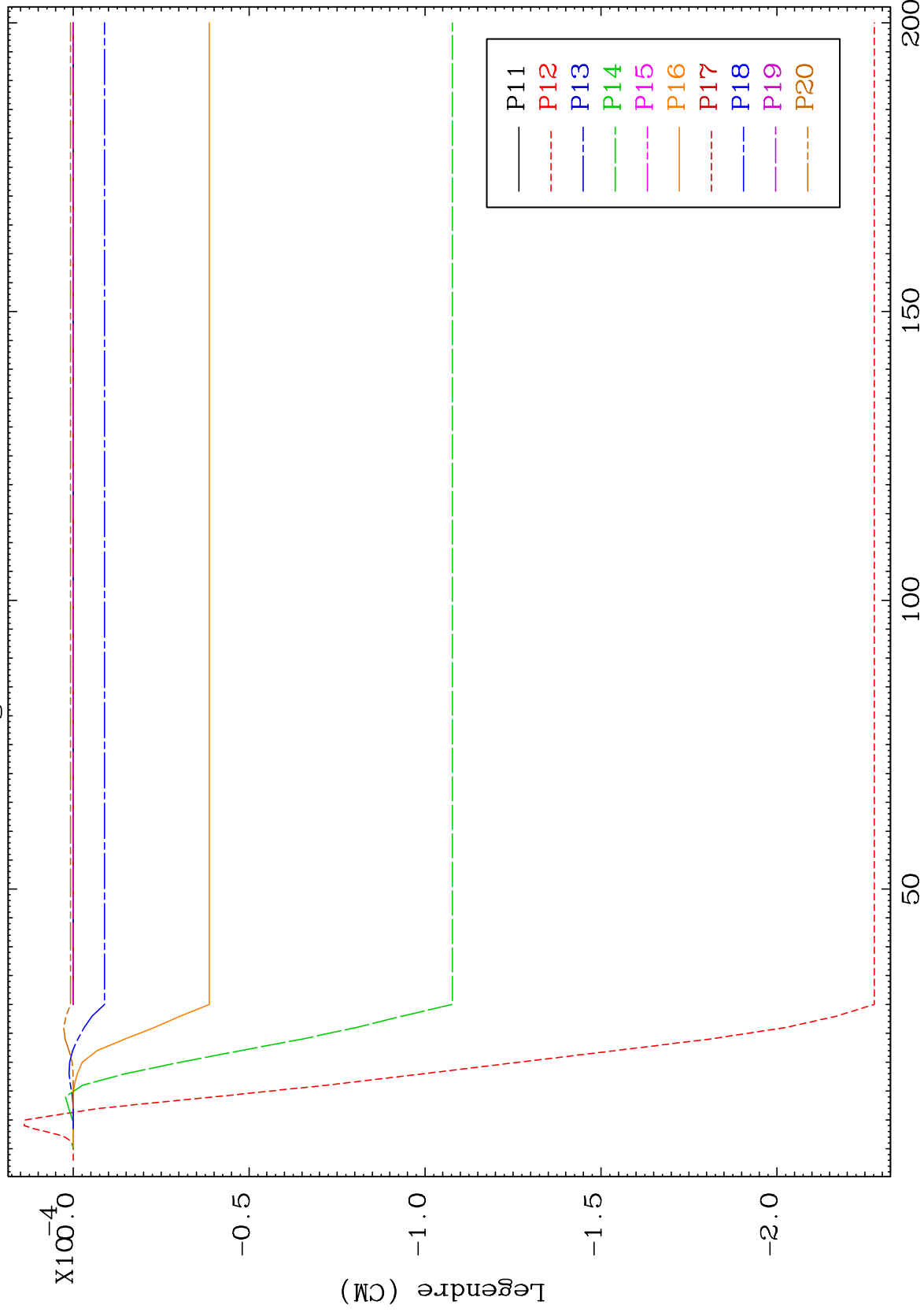
Incident Energy (MeV)

81-Tl-214

MAT 8158

81-Tl-214

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



78

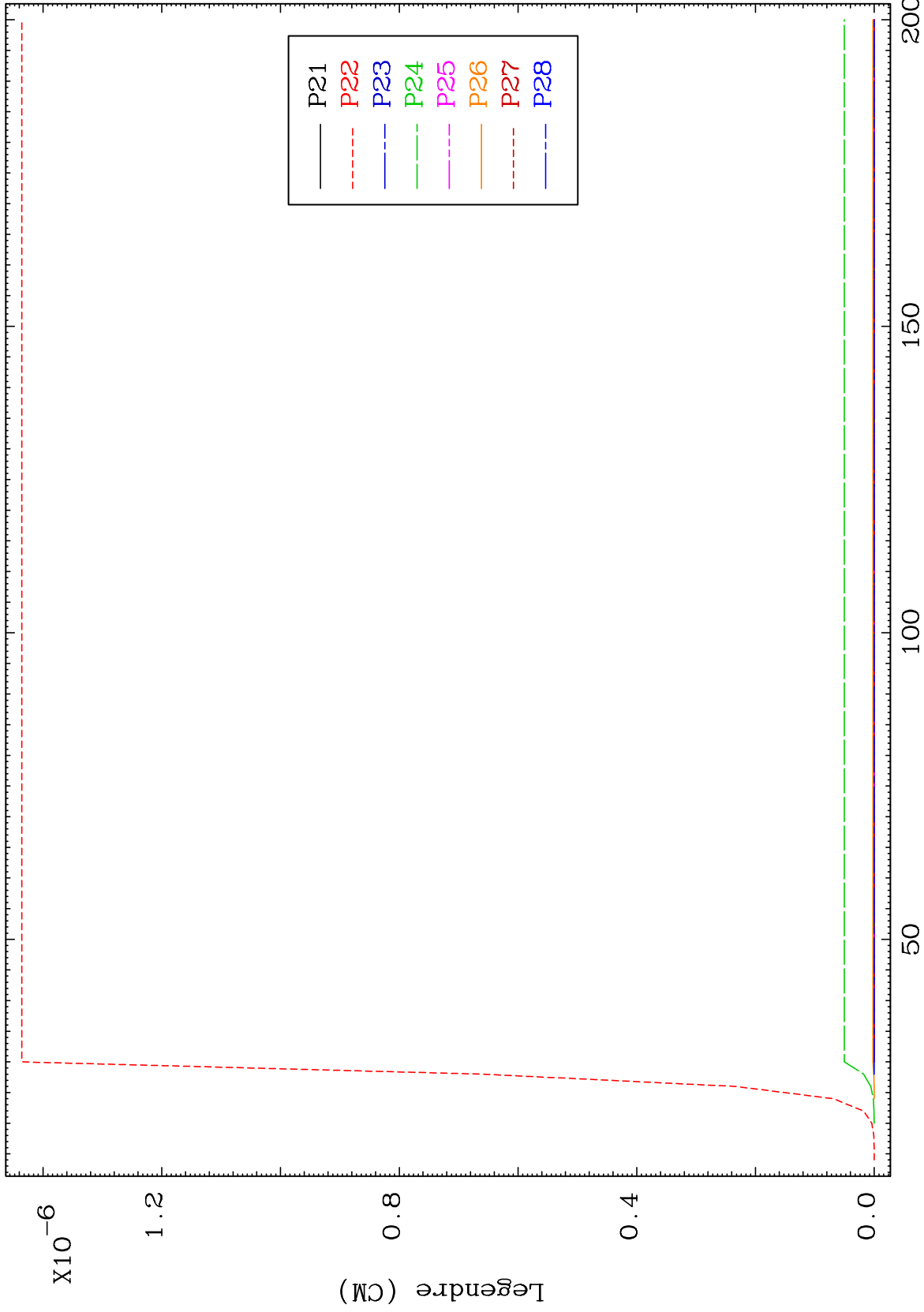
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

81-Tl-214



79

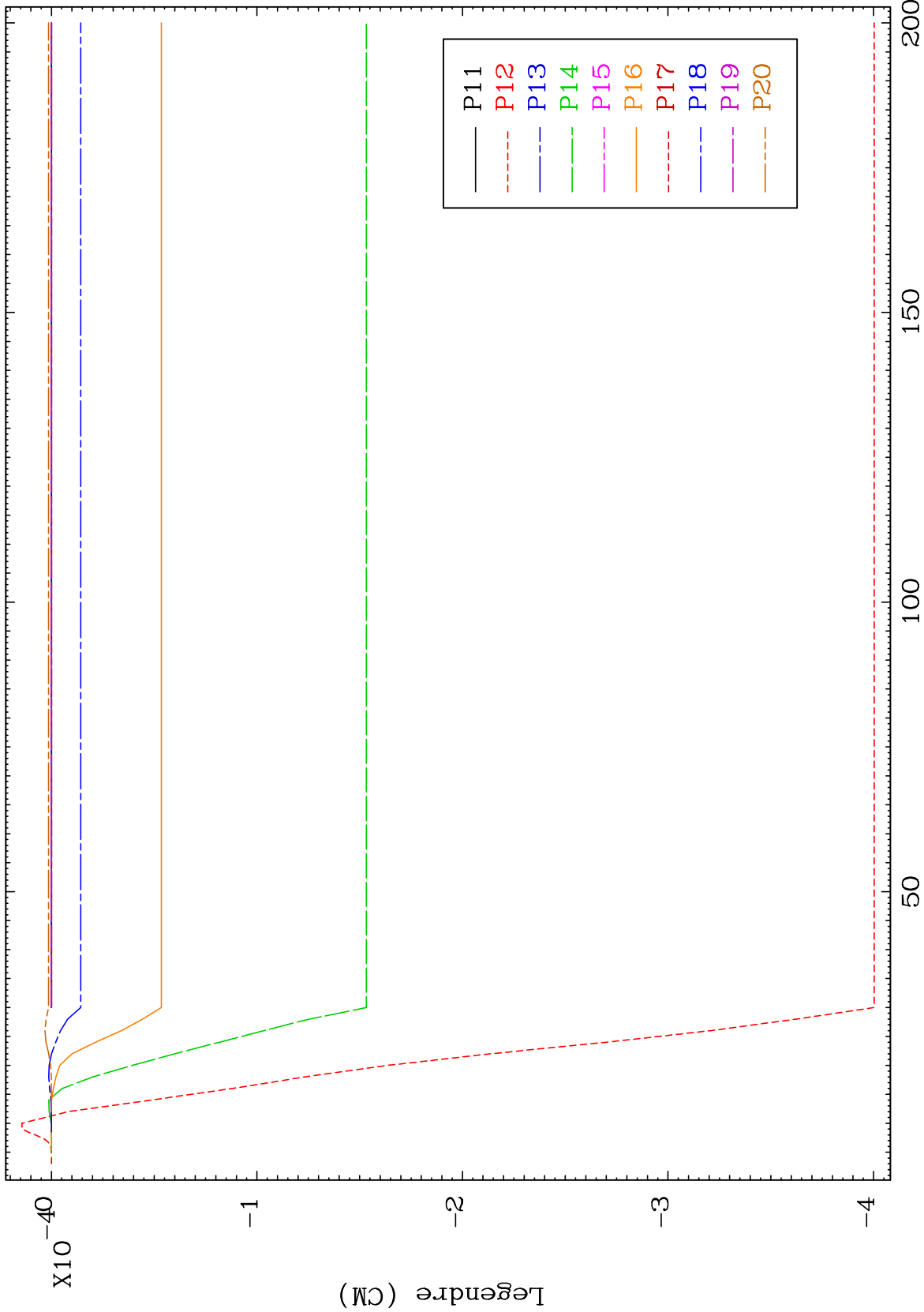
81-Tl-214

81-Tl-214

MAT 8158

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

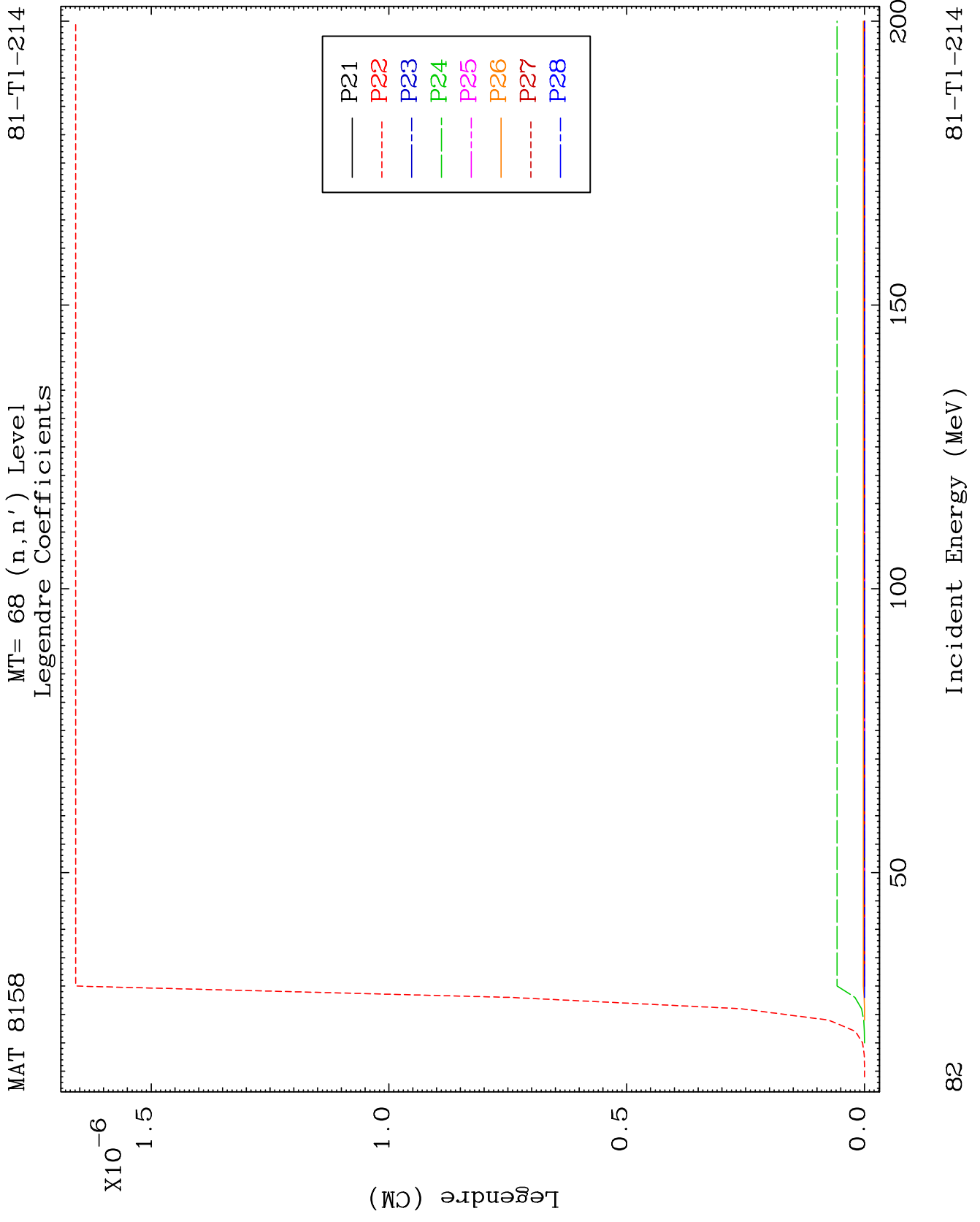
81-Tl-214



81

Incident Energy (MeV)

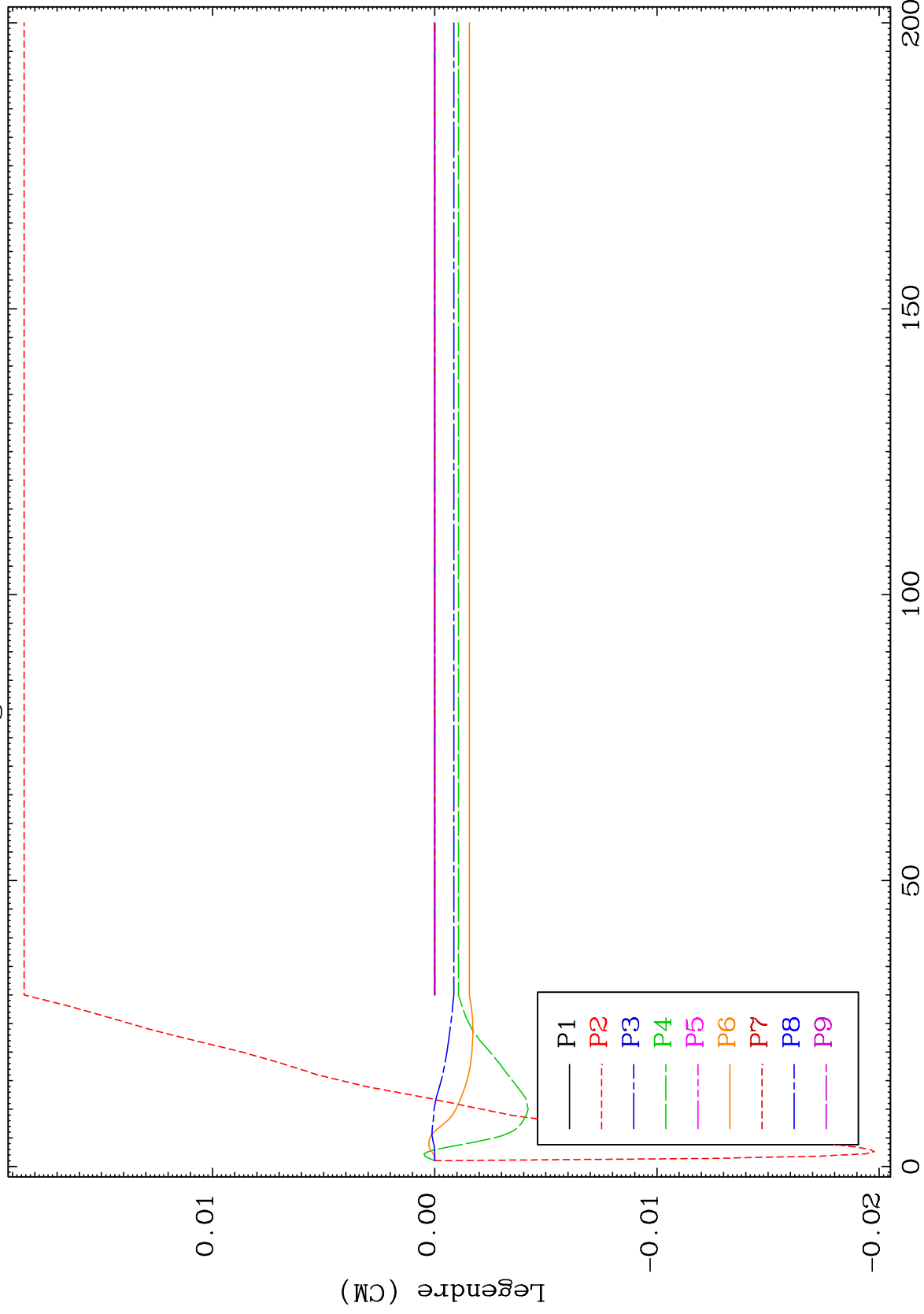
81-Tl-214



MAT 8158

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

81-Tl-214



83

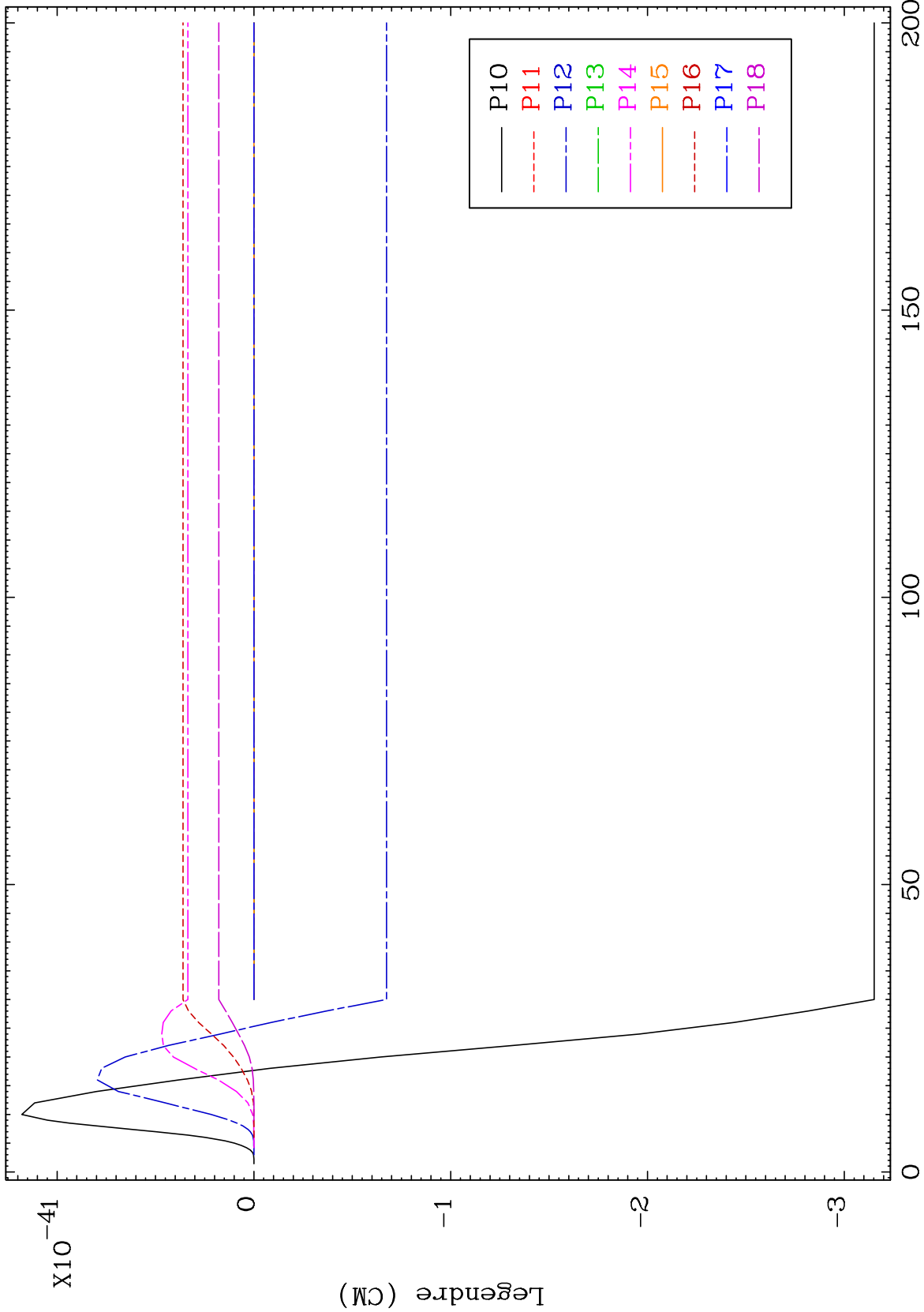
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

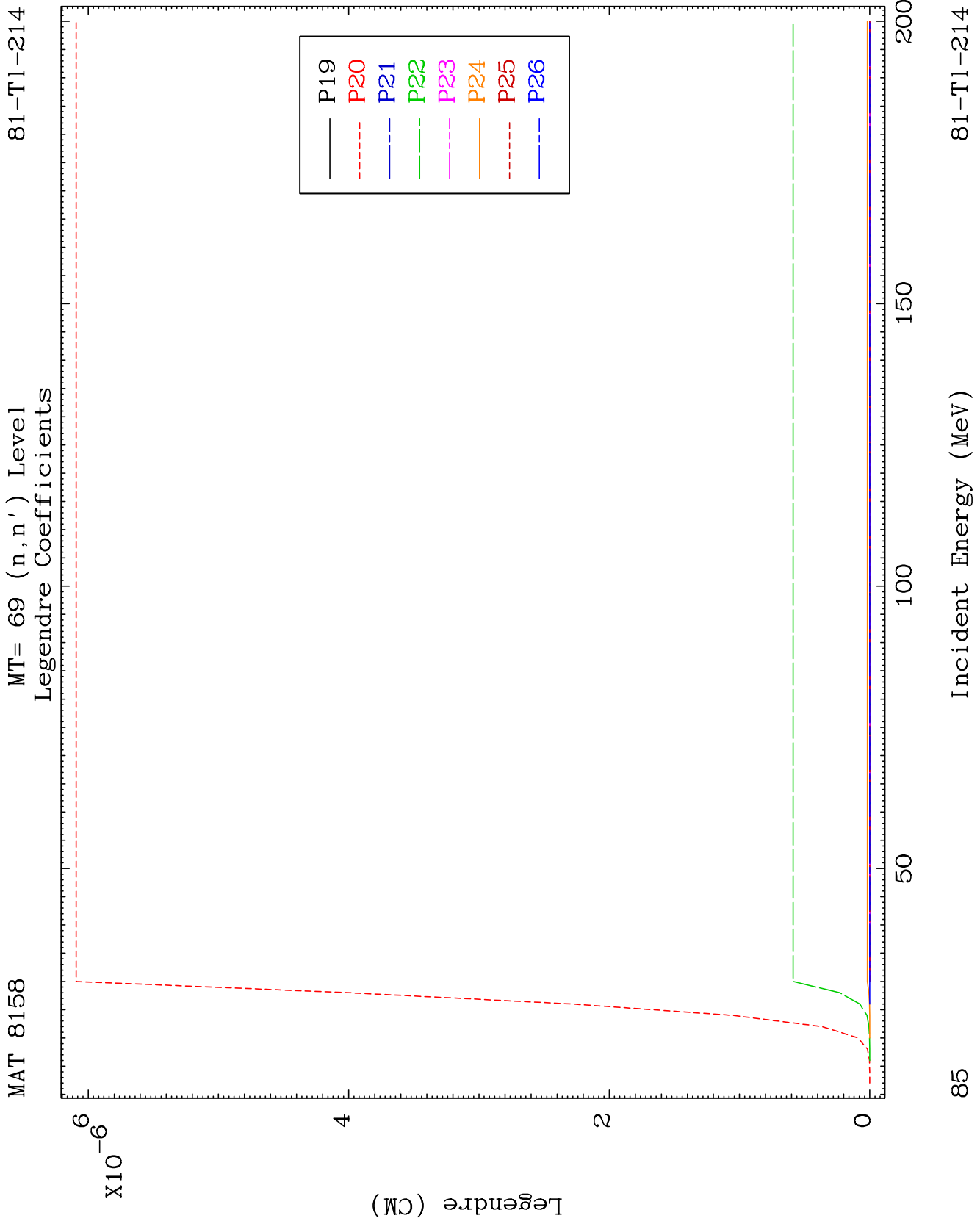
81-Tl-214



84

Incident Energy (MeV)

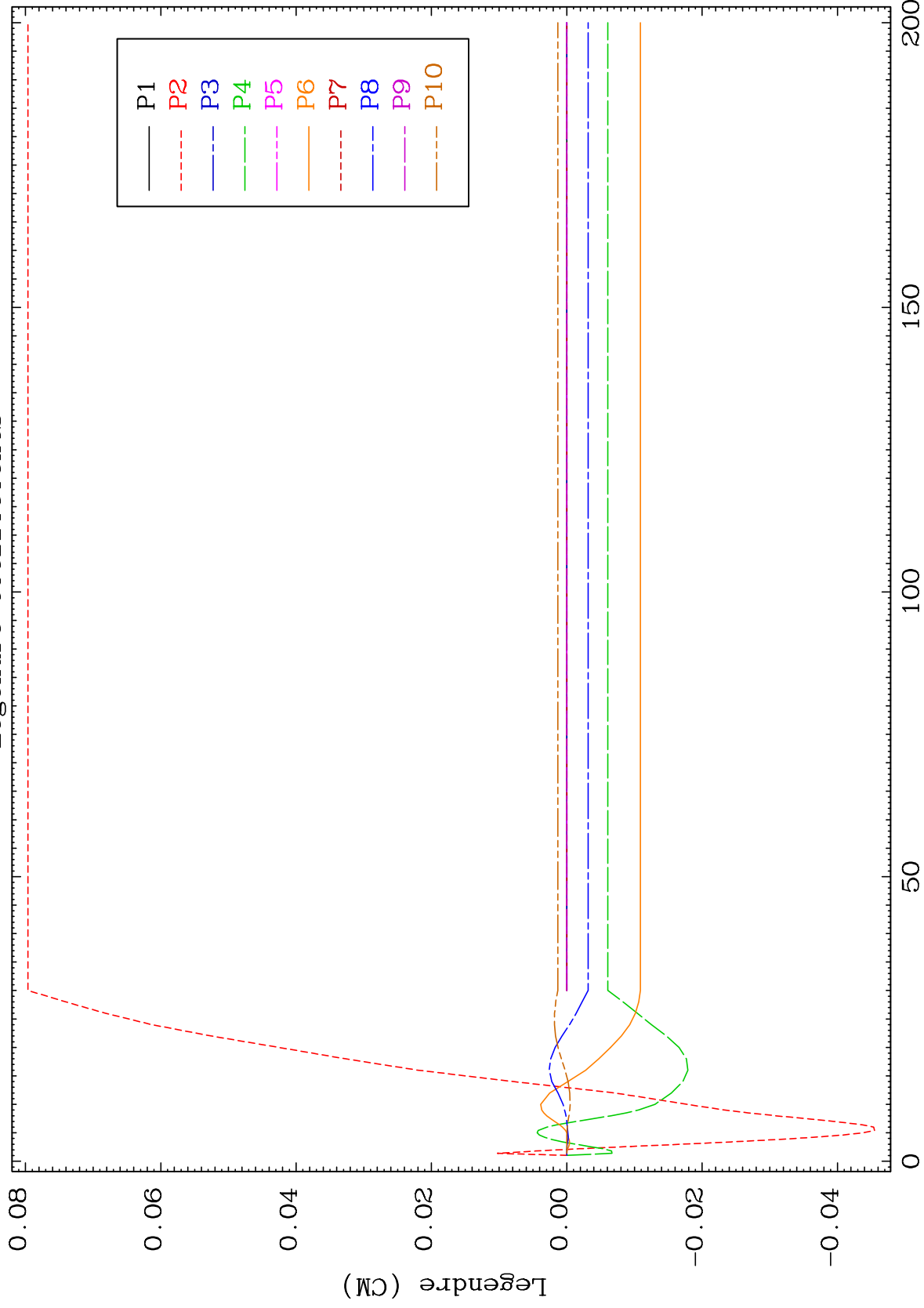
81-Tl-214



MAT 8158

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

81-T1-214



86

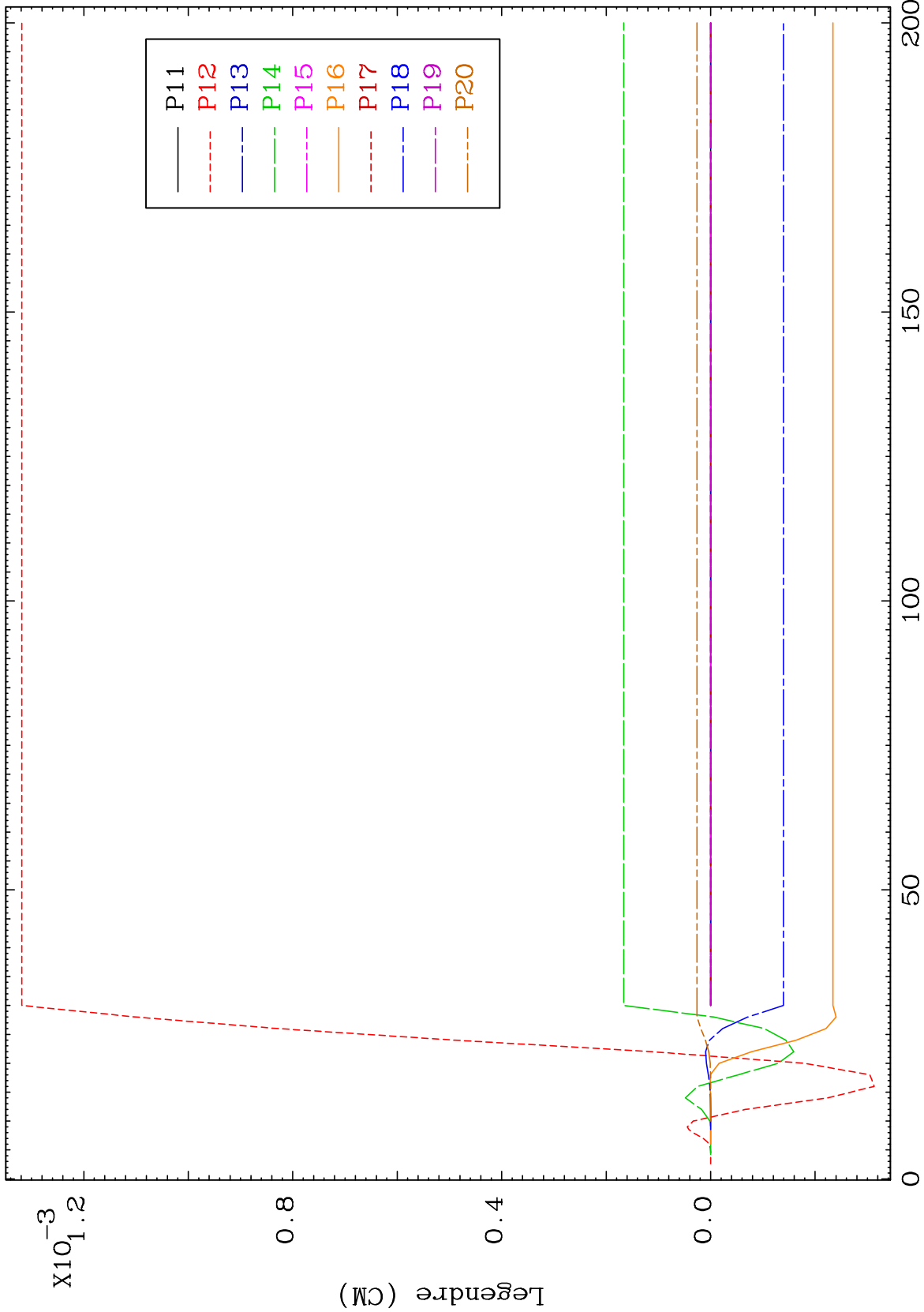
81-T1-214

81-T1-214

MAT 8158

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

81-Tl-214



87

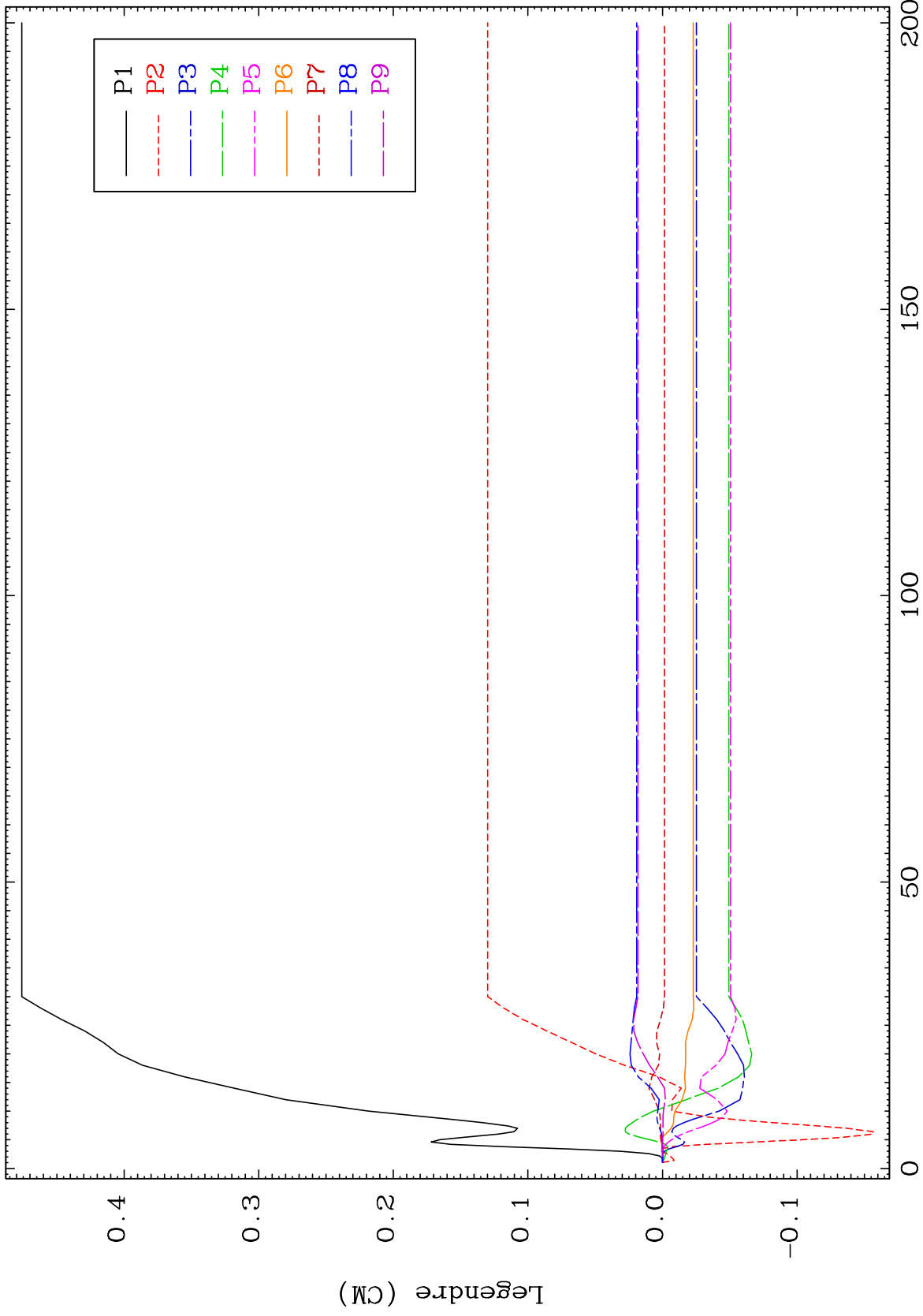
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

81-T1-214



89

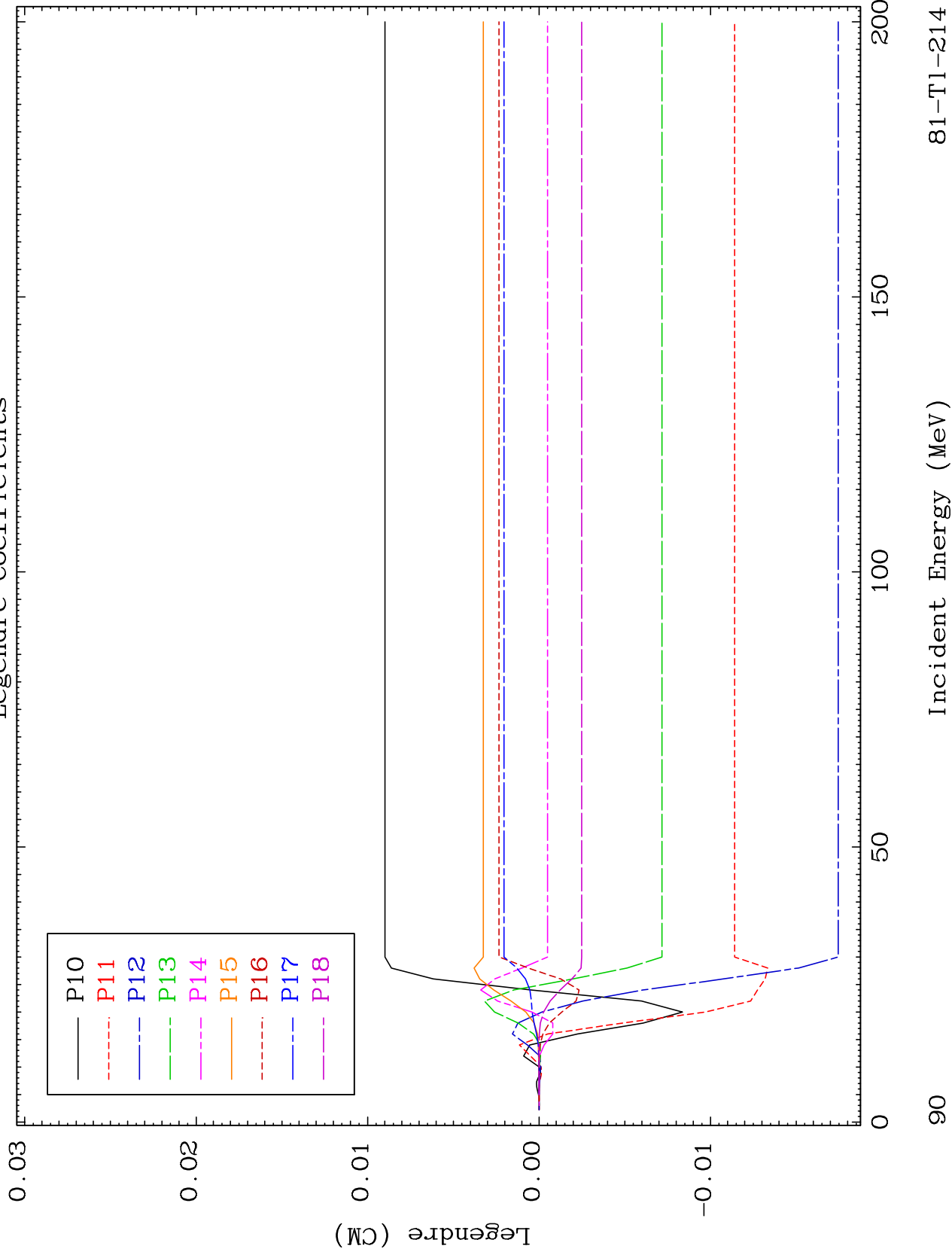
Incident Energy (MeV)

81-T1-214

MAT 8158

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

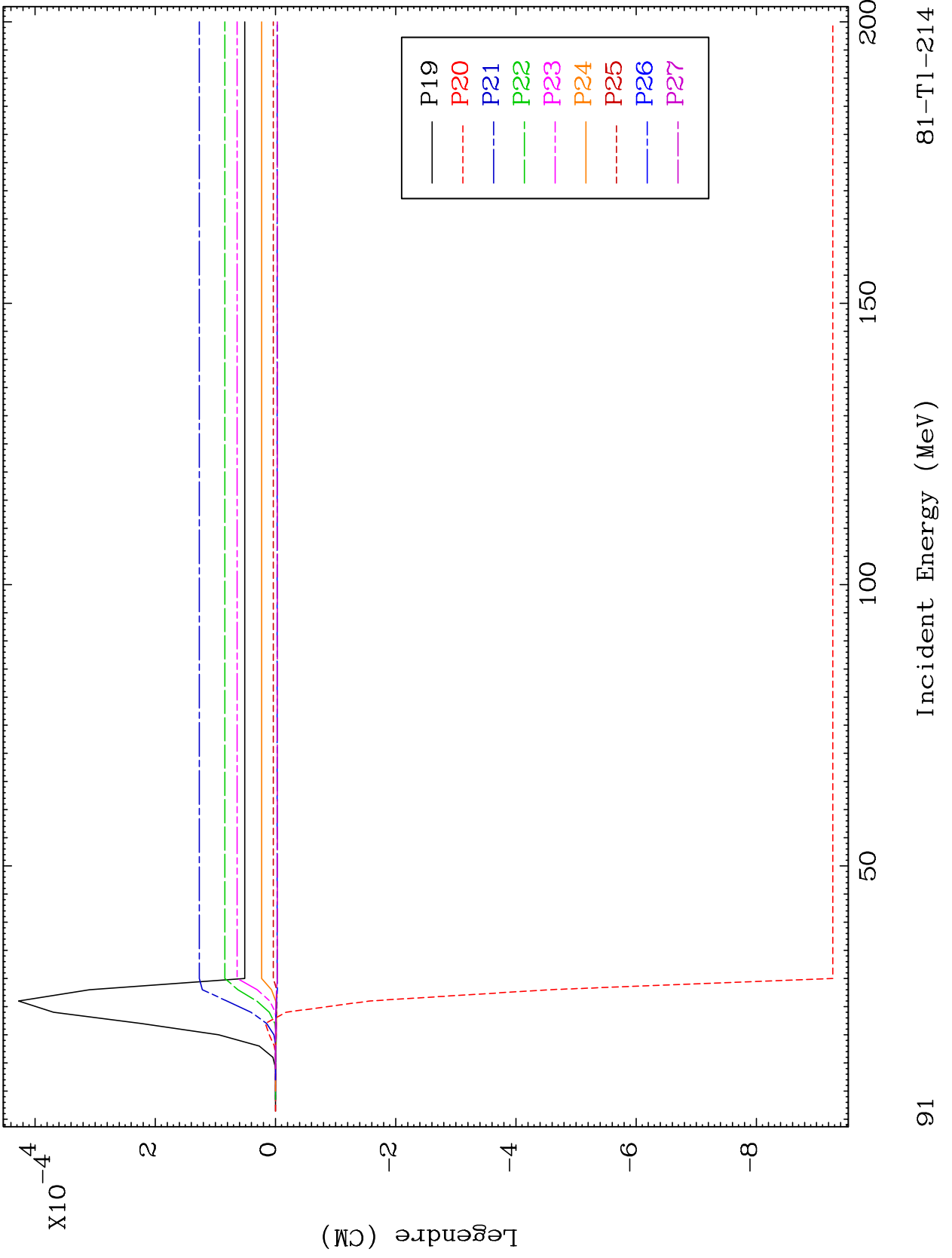
81-Tl-214



81-Tl-214

Incident Energy (MeV)

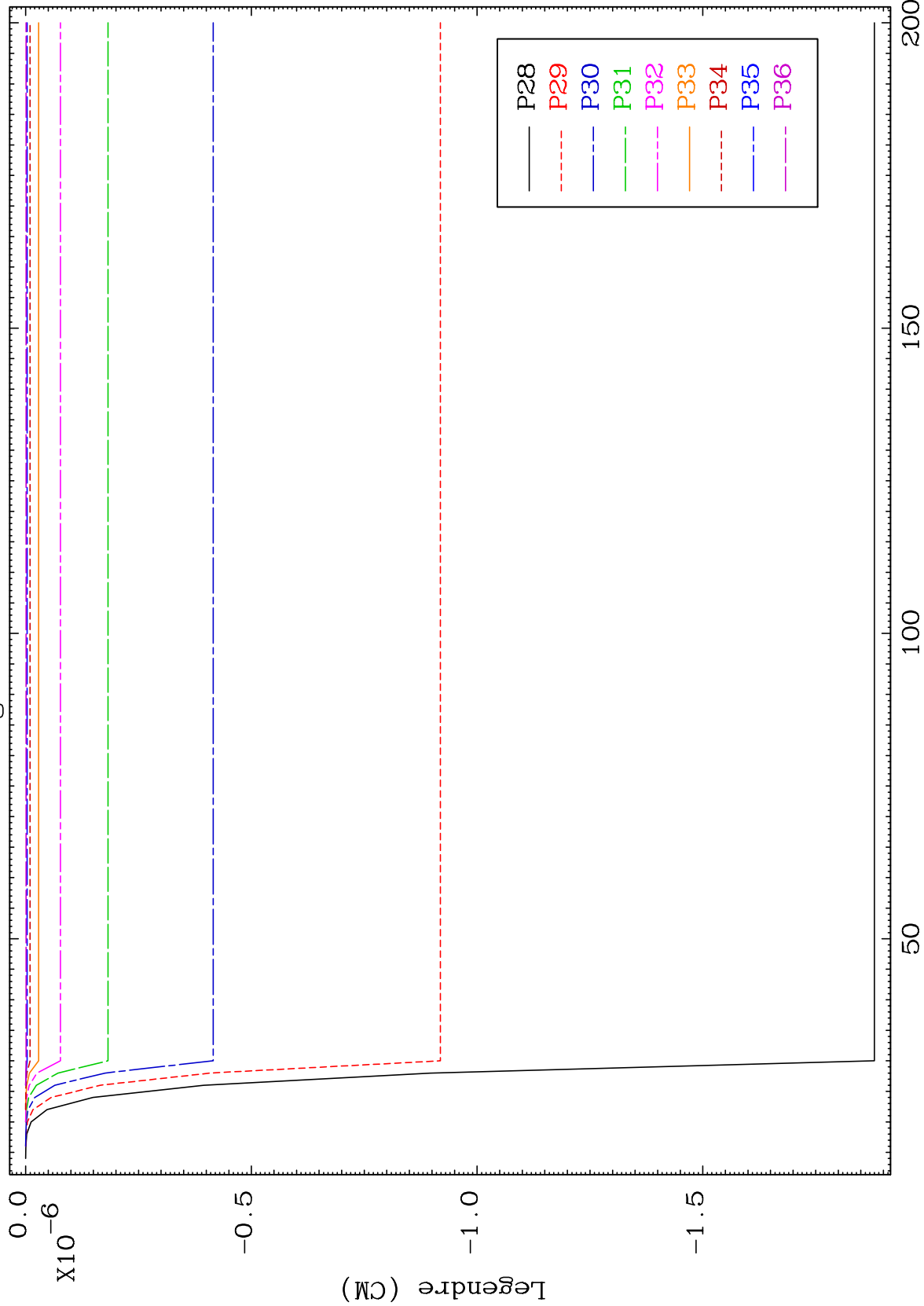
90



MAT 8158

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

81-Tl-214



92

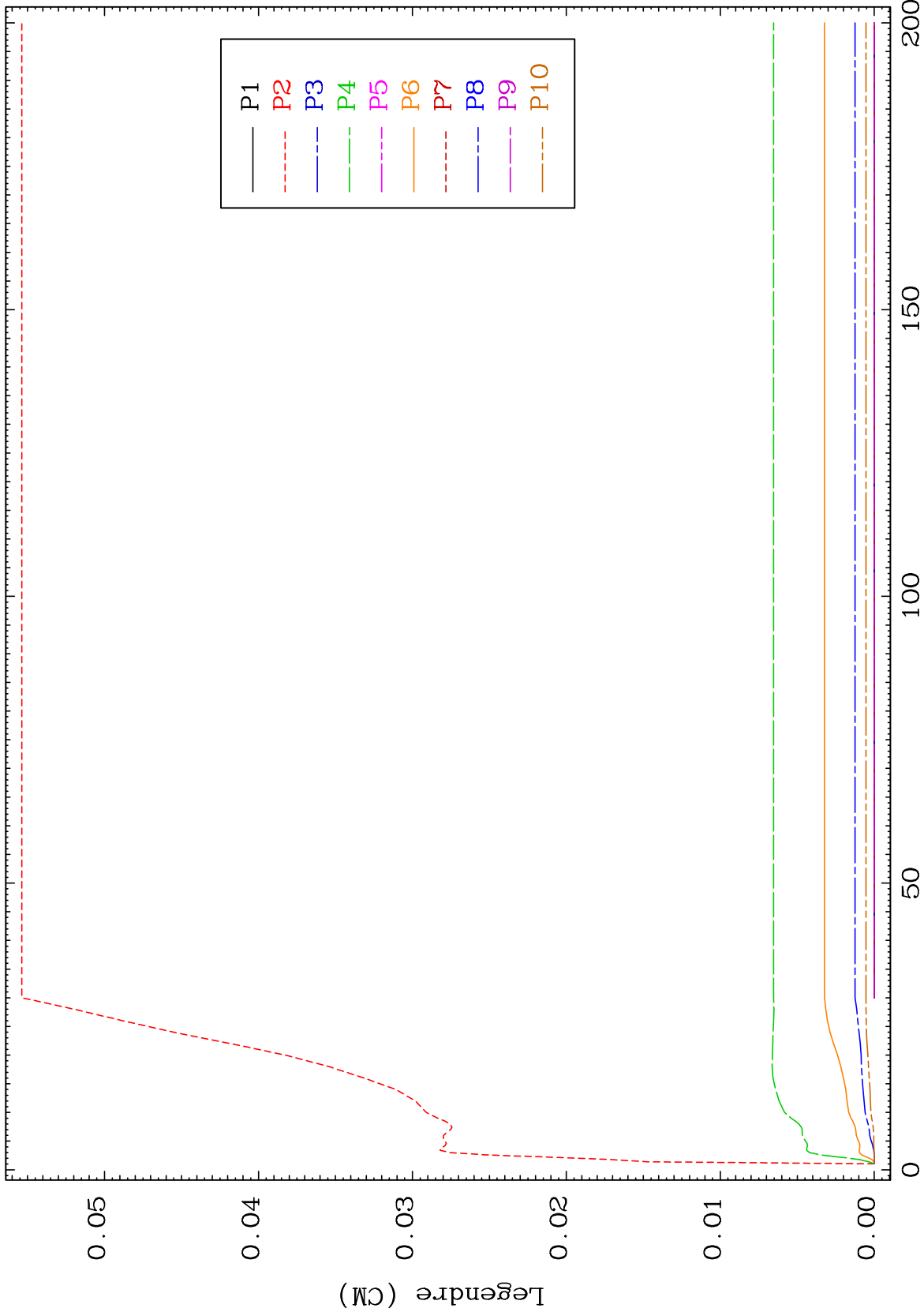
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

81-Tl-214



93

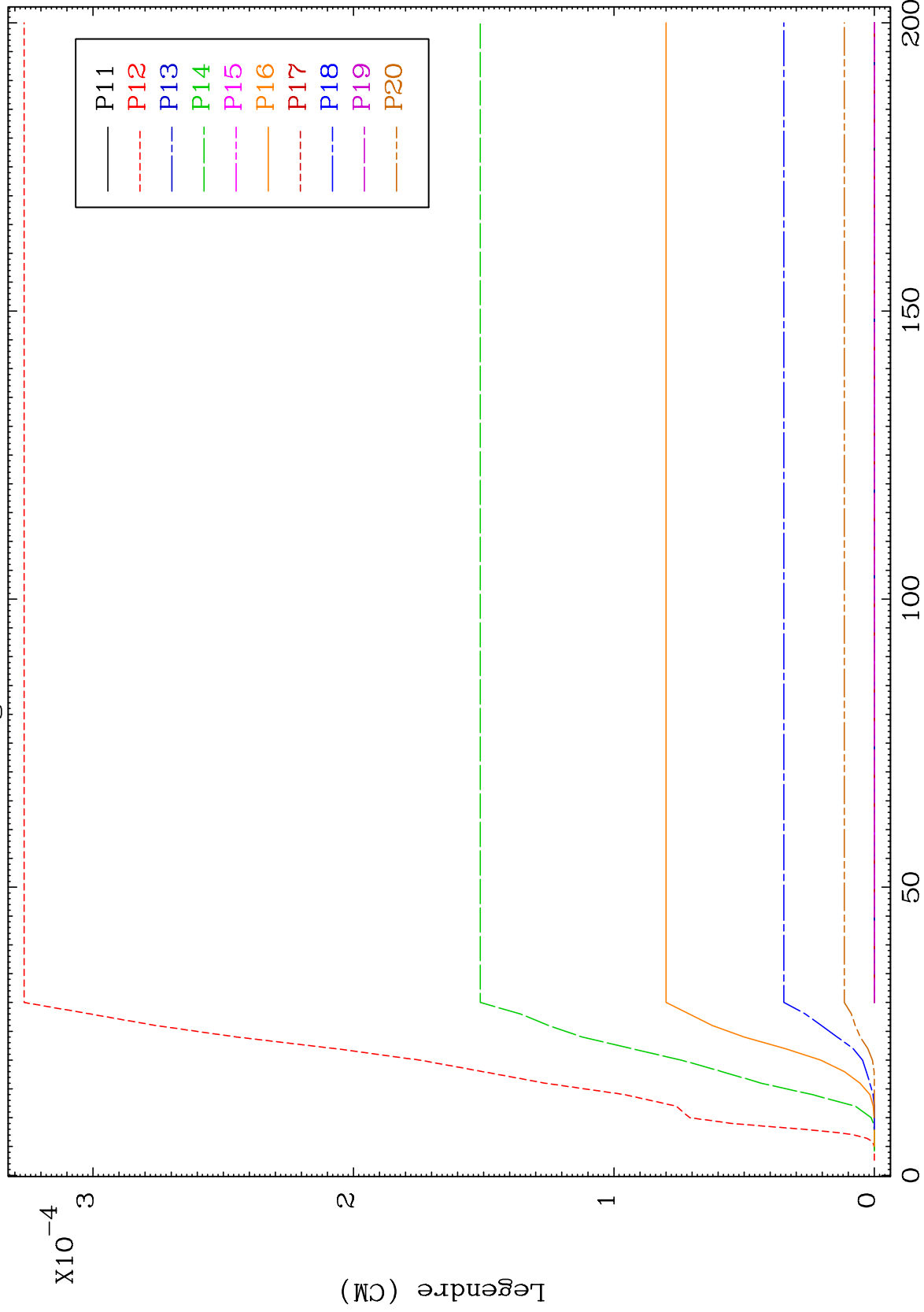
Incident Energy (MeV)

81-Tl-214

MAT 8158

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

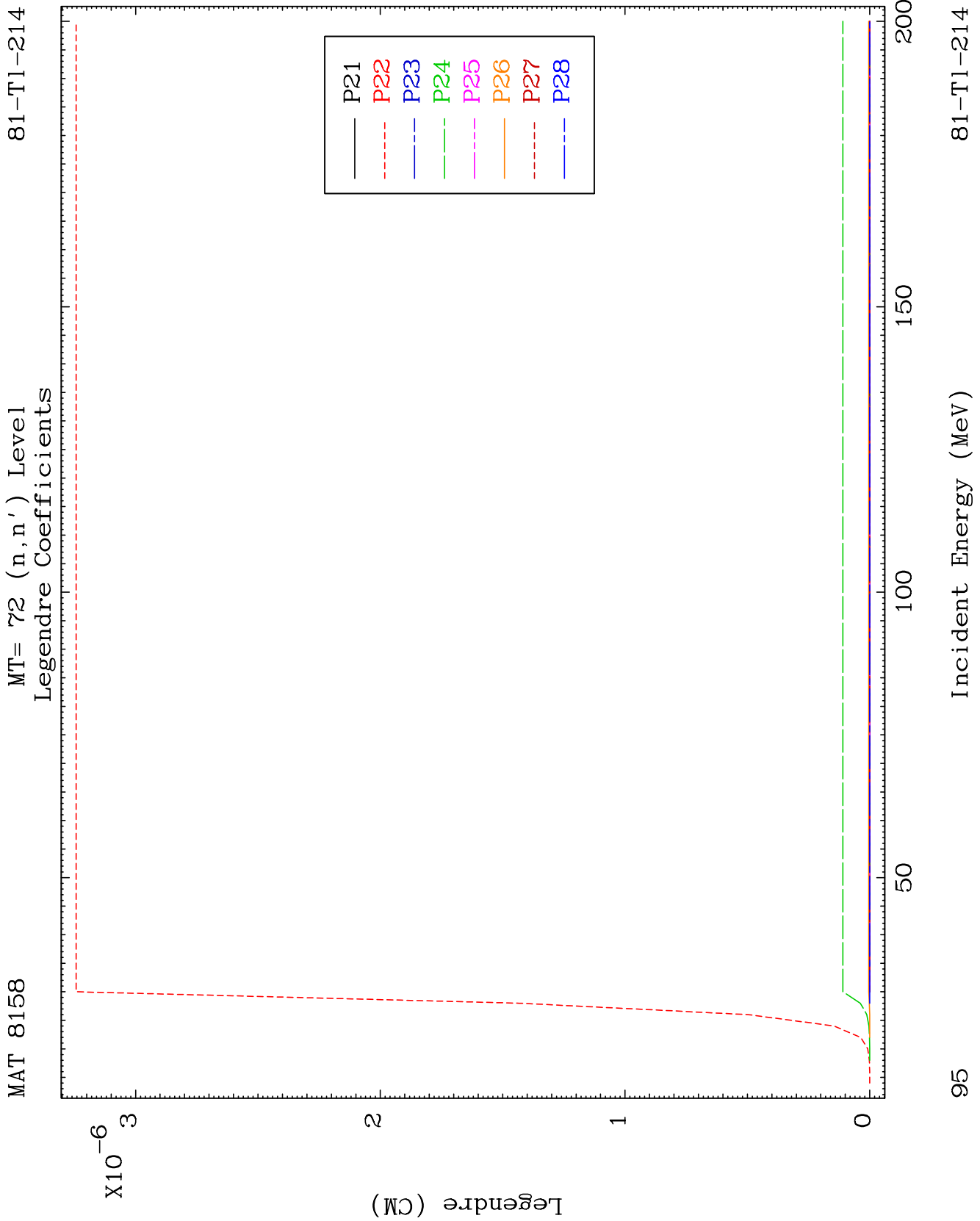
81-Tl-214



94

Incident Energy (MeV)

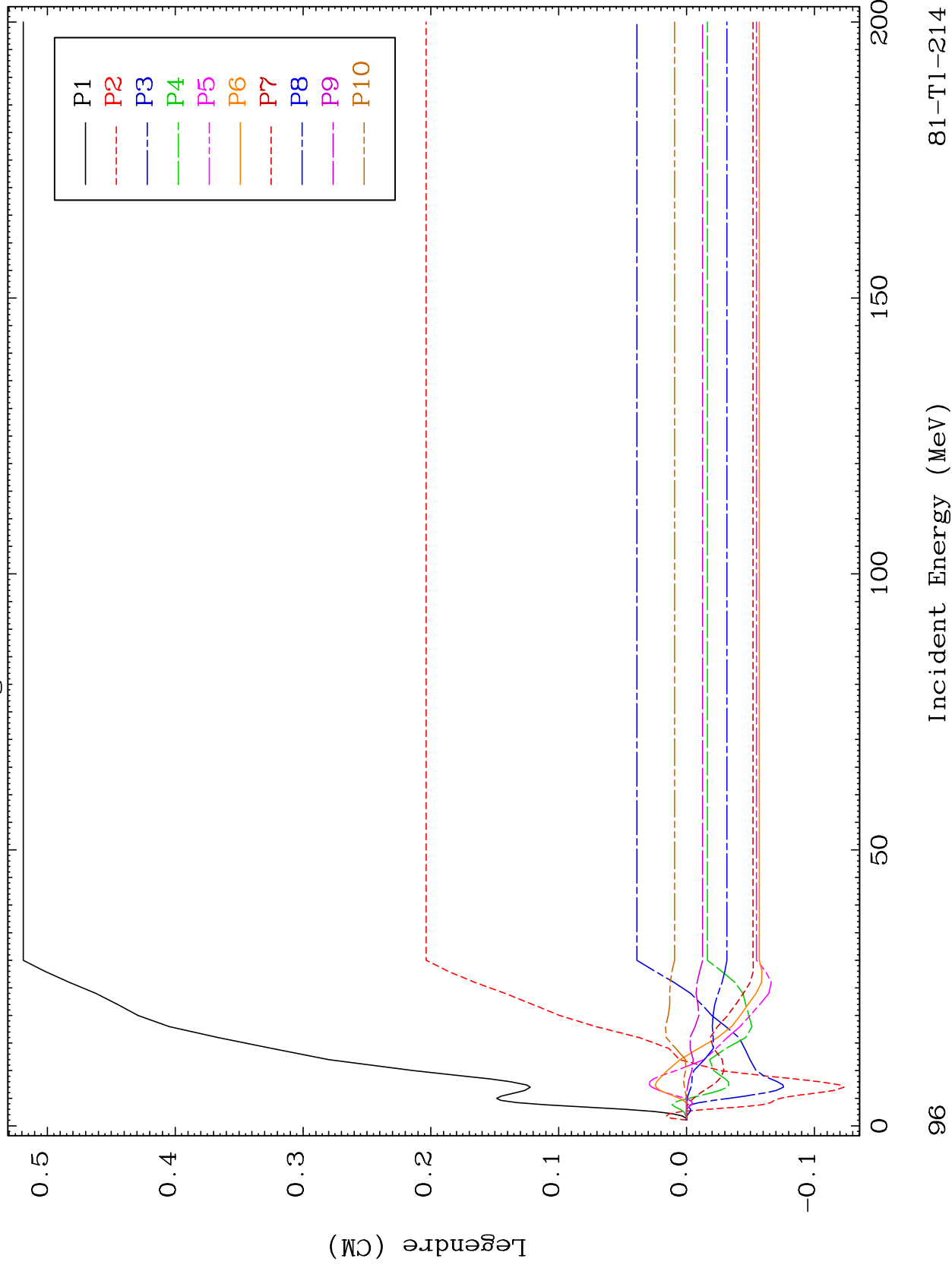
81-Tl-214



MAT 8158

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

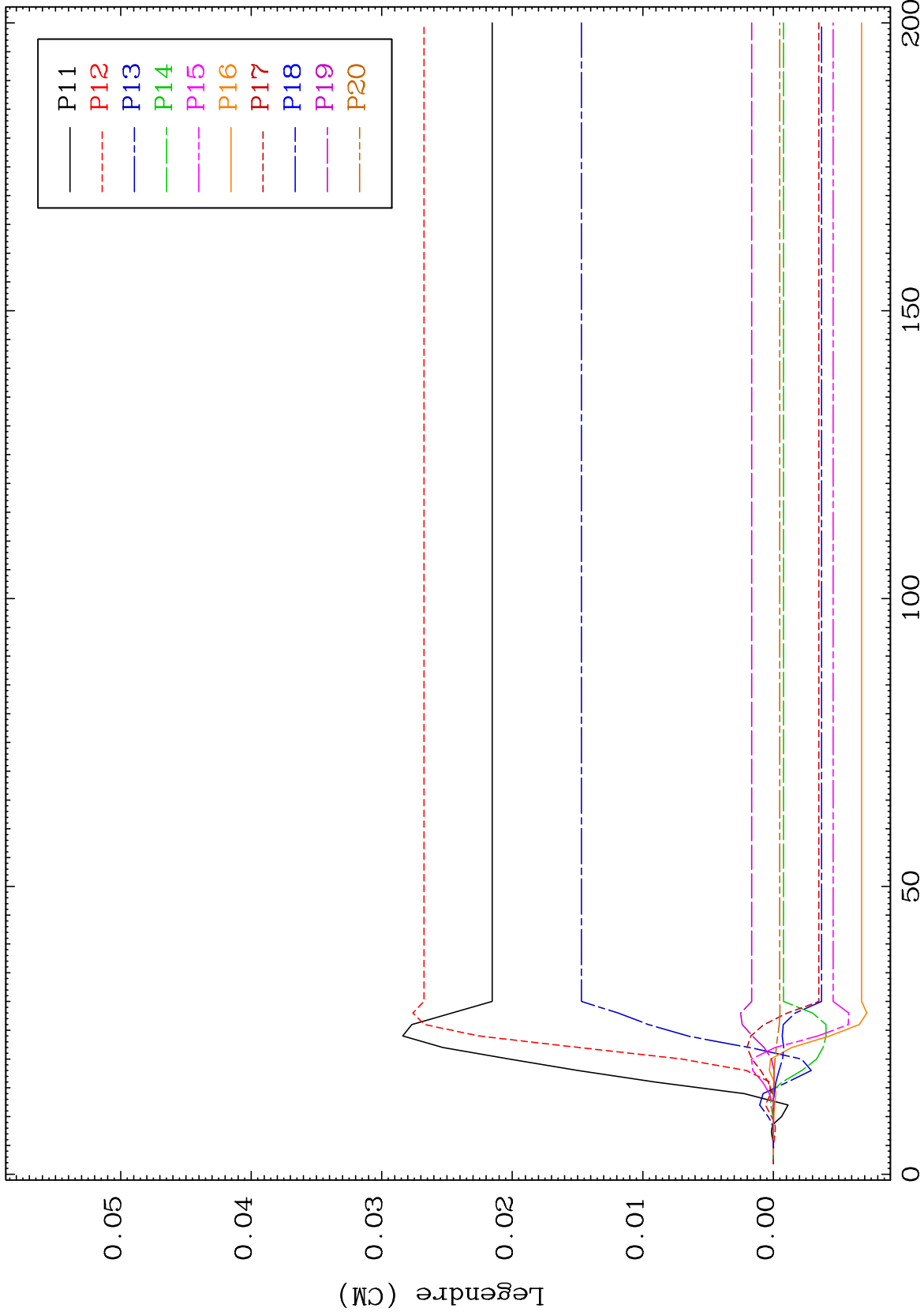
81-Tl-214



MAT 8158

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

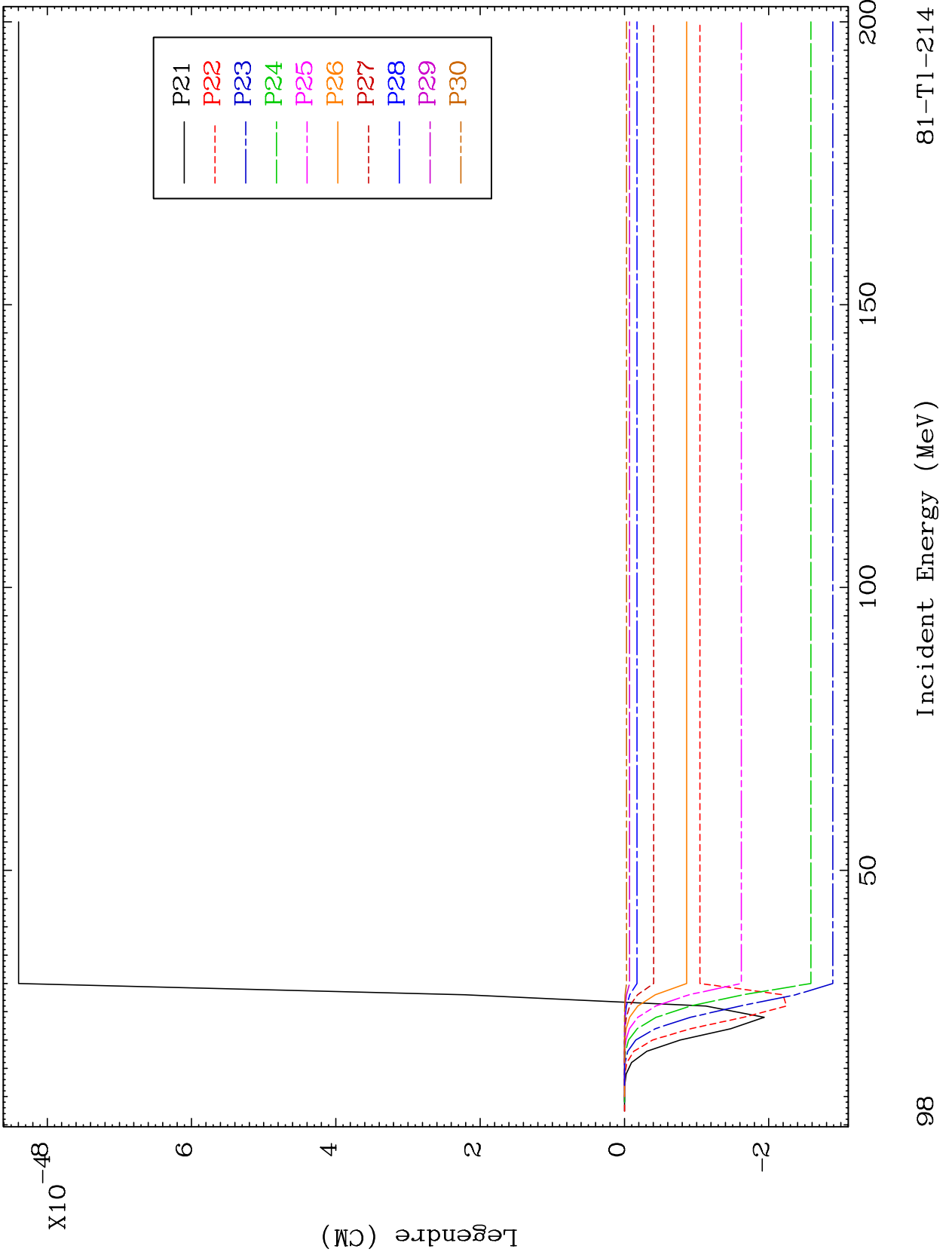
81-Tl-214

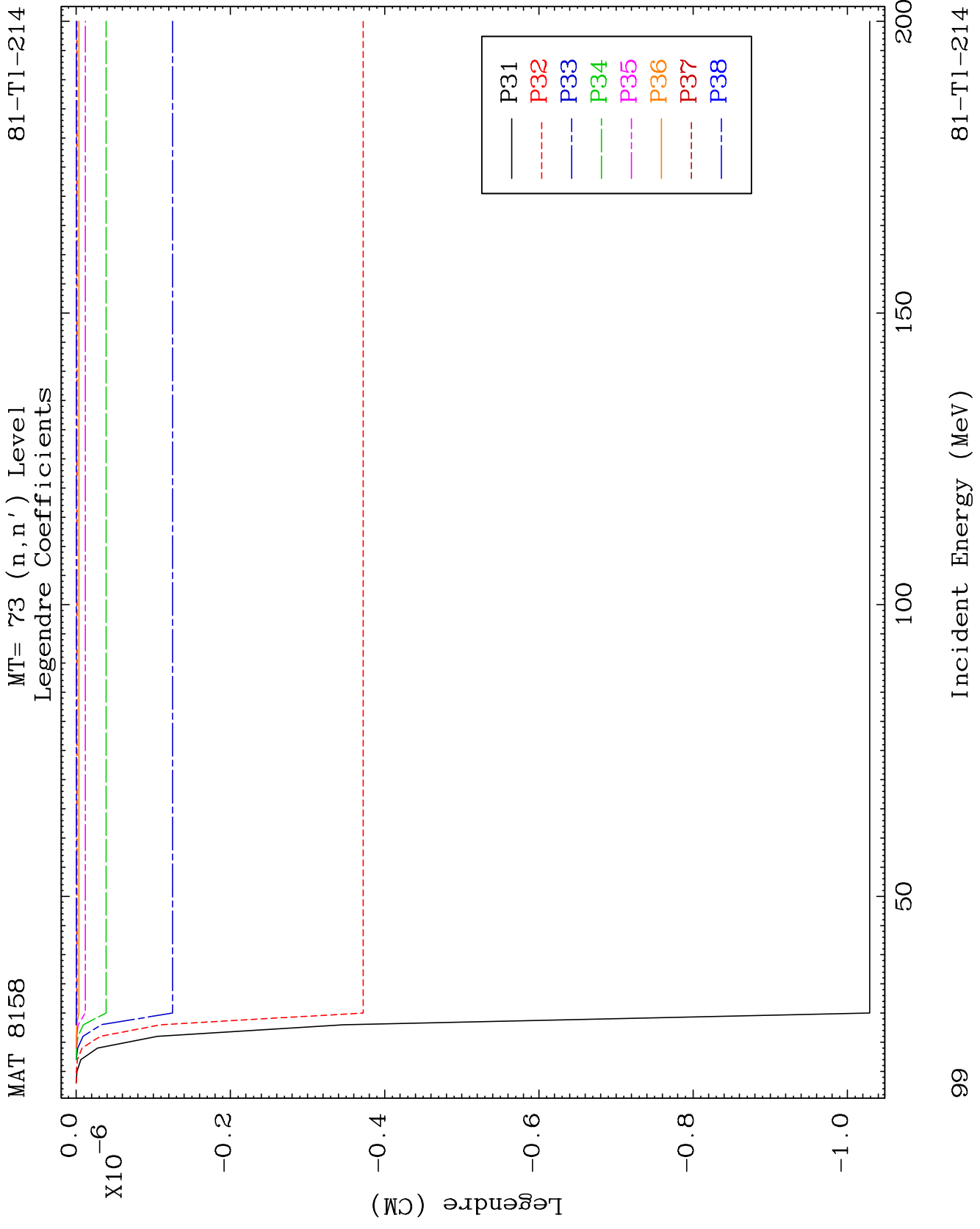


97

Incident Energy (MeV)

81-Tl-214

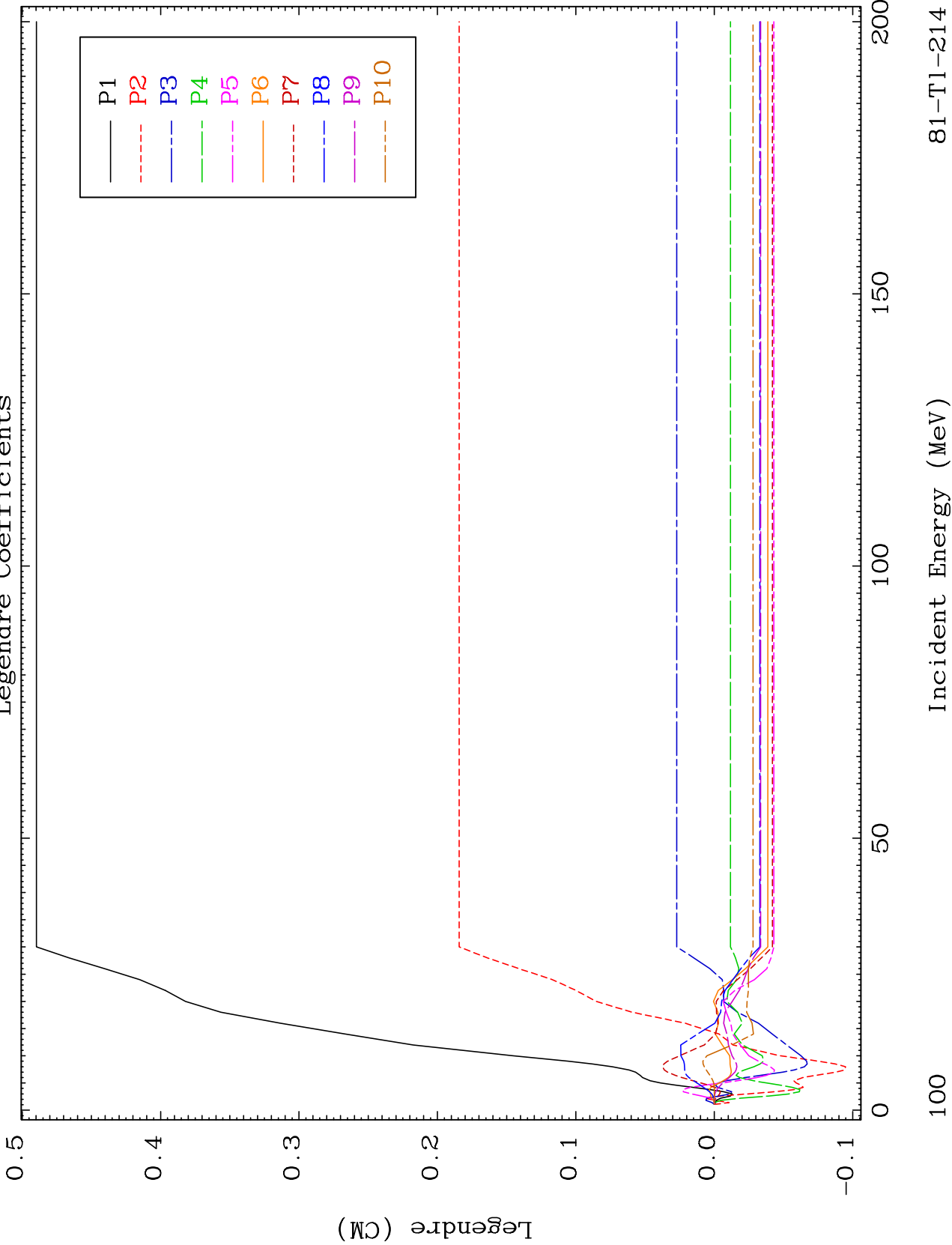




MAT 8158

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

81-Tl-214



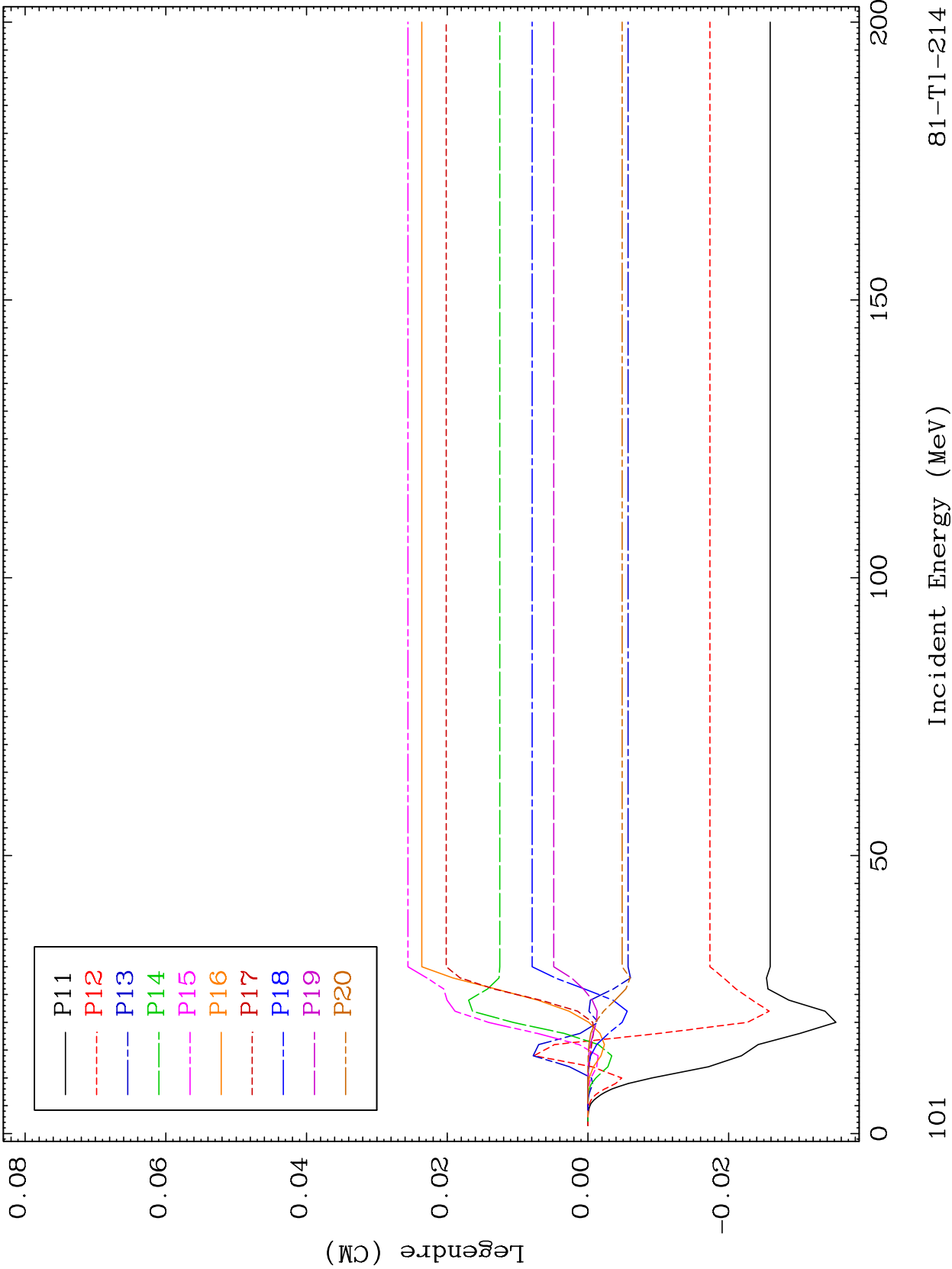
81-Tl-214

Incident Energy (MeV)

MAT 8158

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

81-T1-214



101

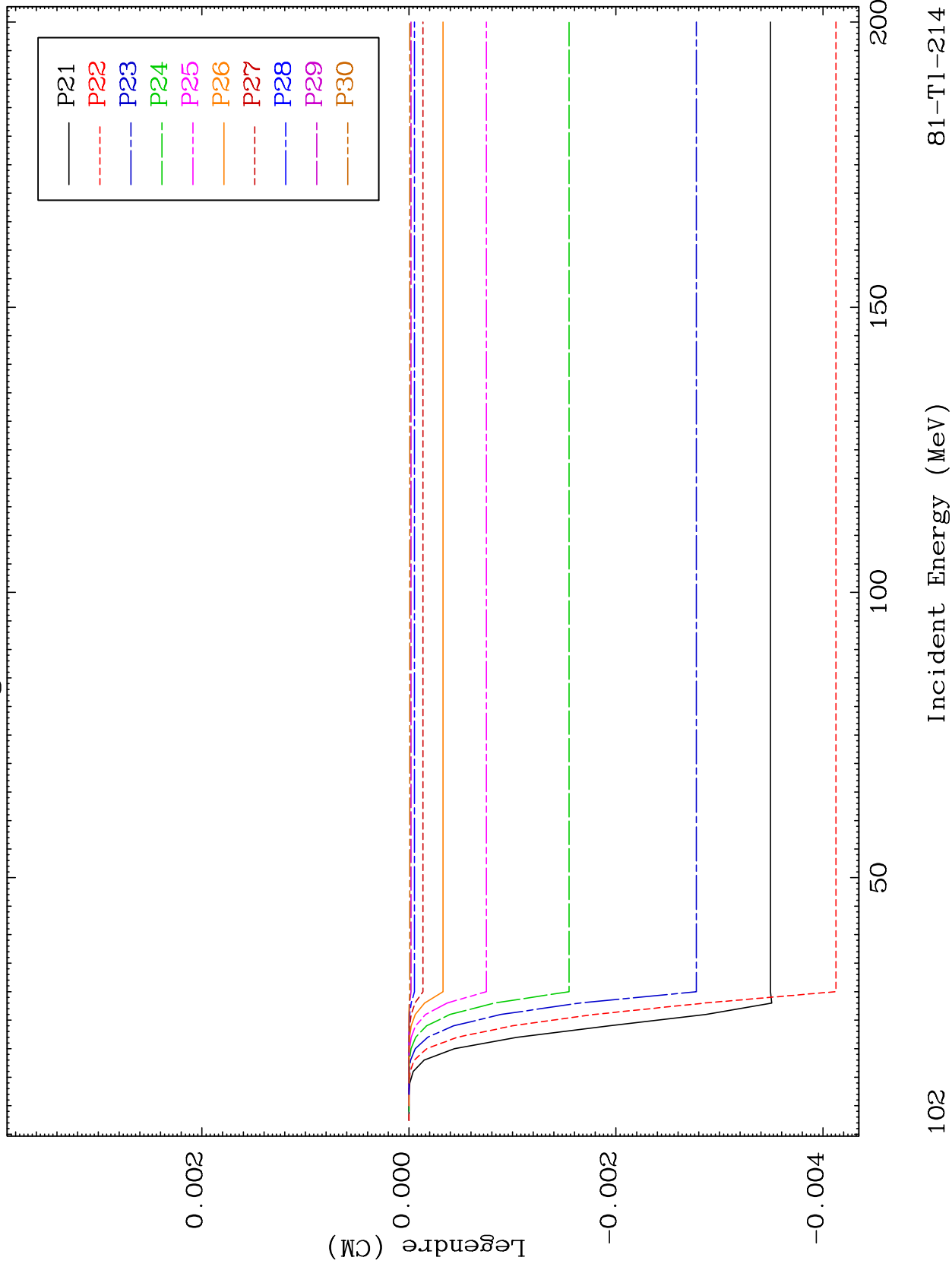
Incident Energy (MeV)

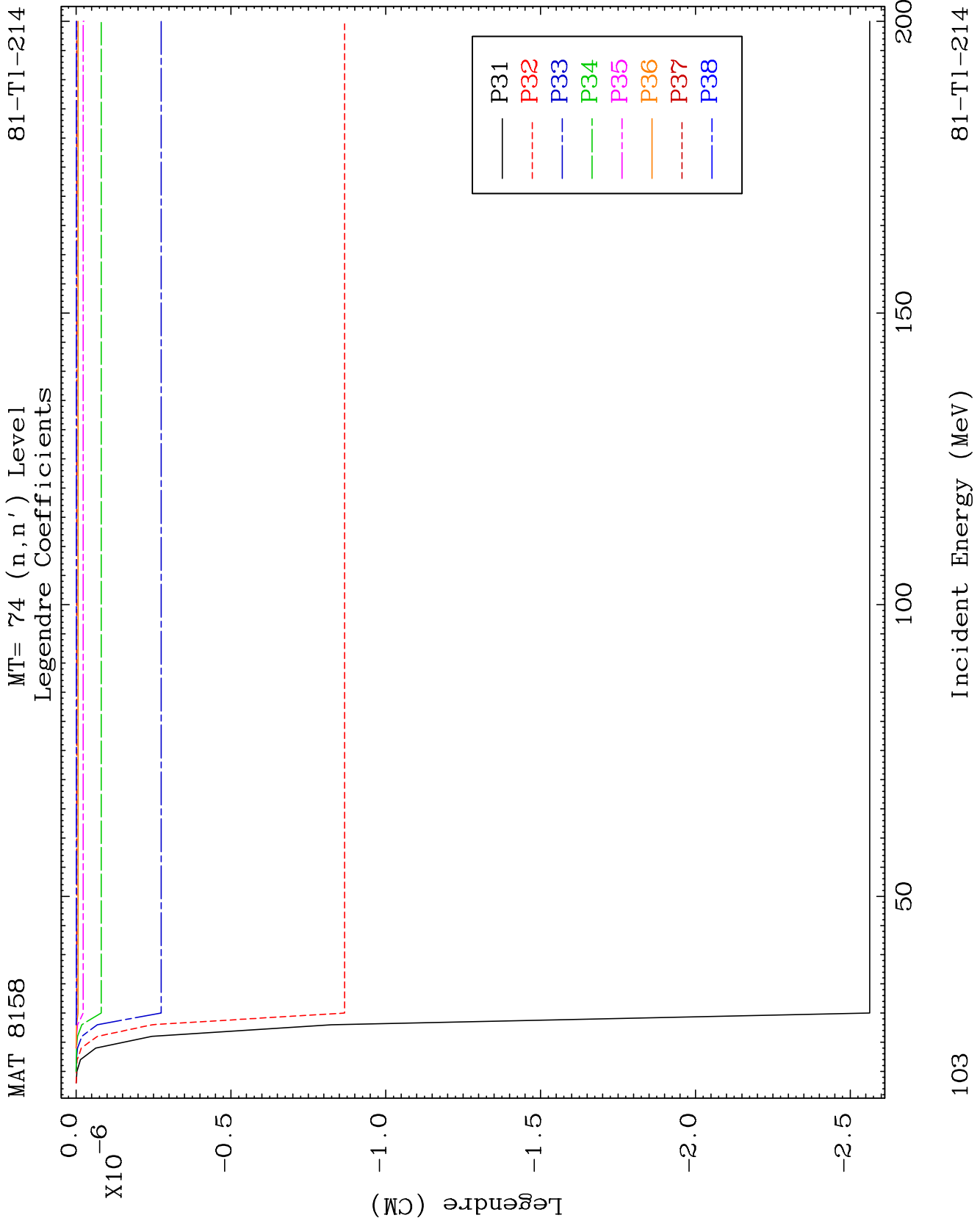
81-T1-214

MAT 8158

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

81-Tl-214

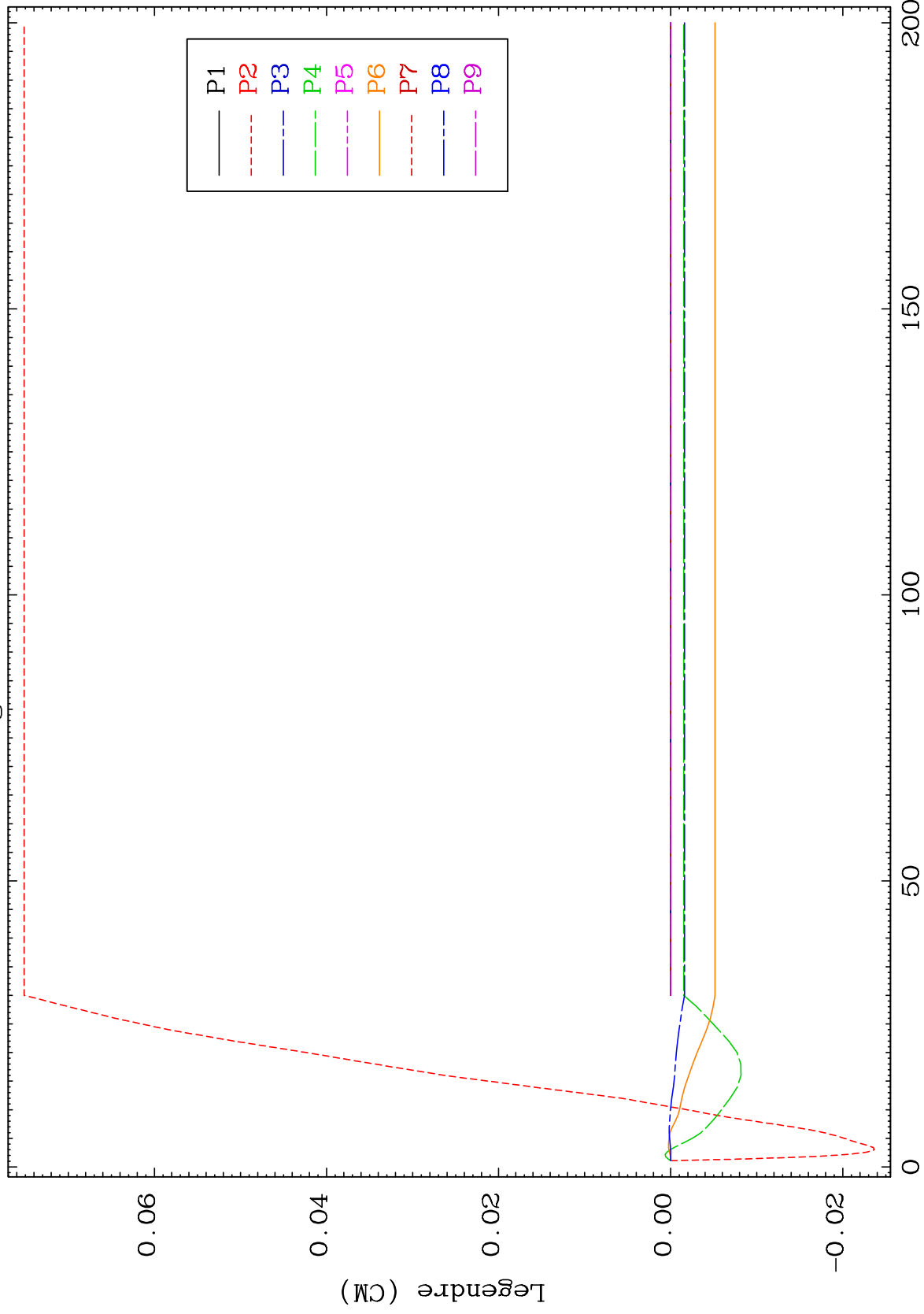




MAT 8158

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

81-Tl-214



81-Tl-214

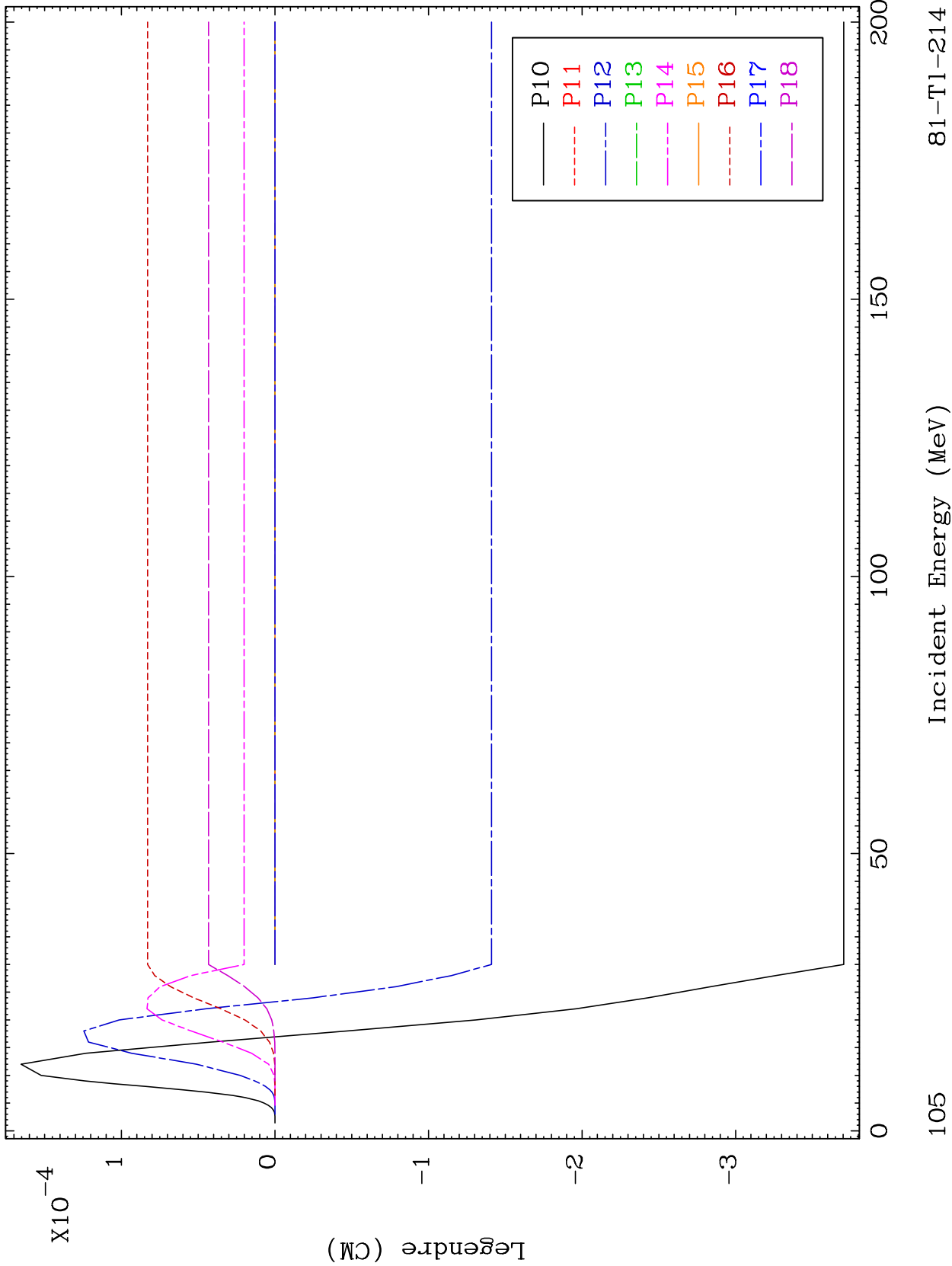
Incident Energy (MeV)

104

MAT 8158

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

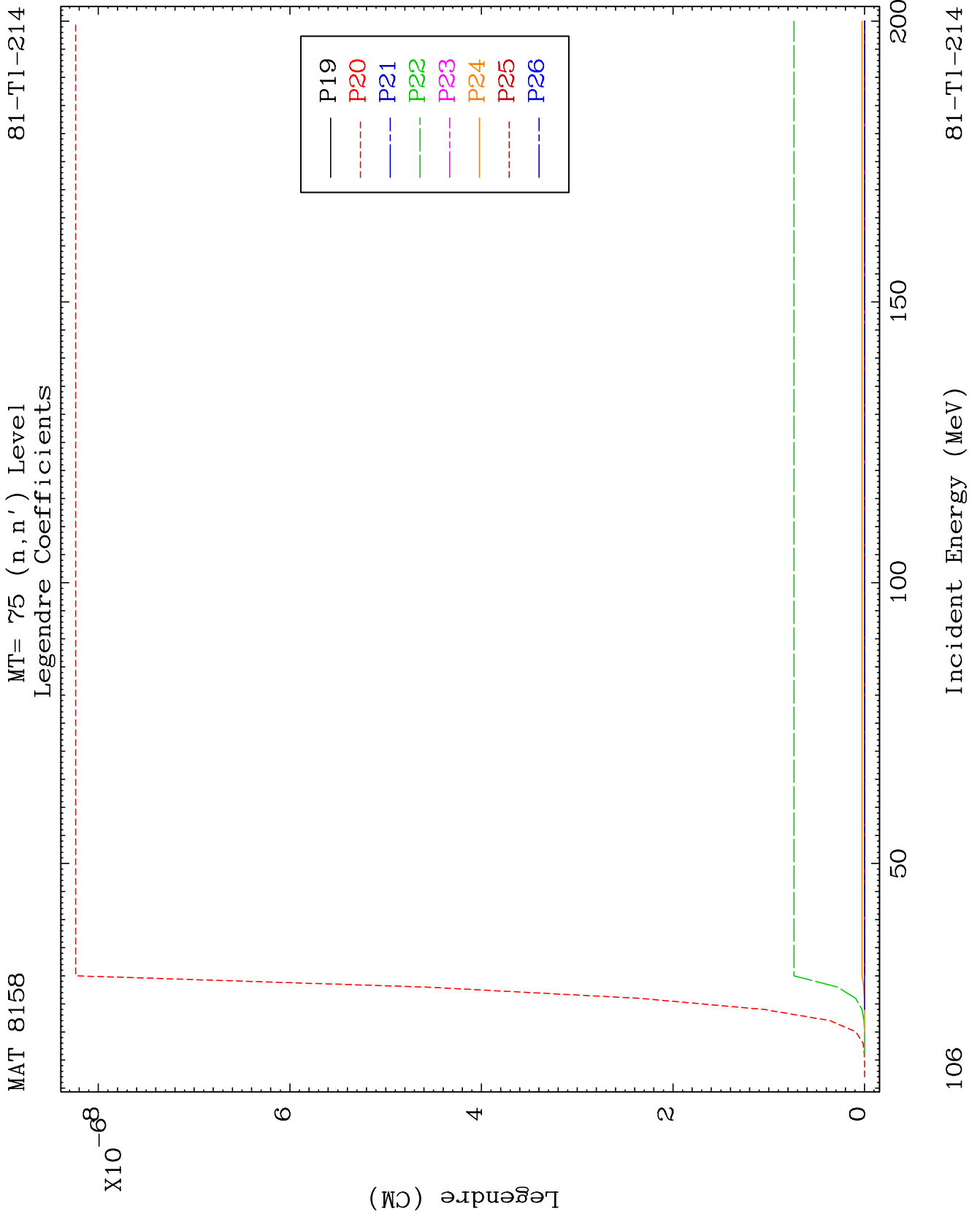
81-Tl-214



81-Tl-214

Incident Energy (MeV)

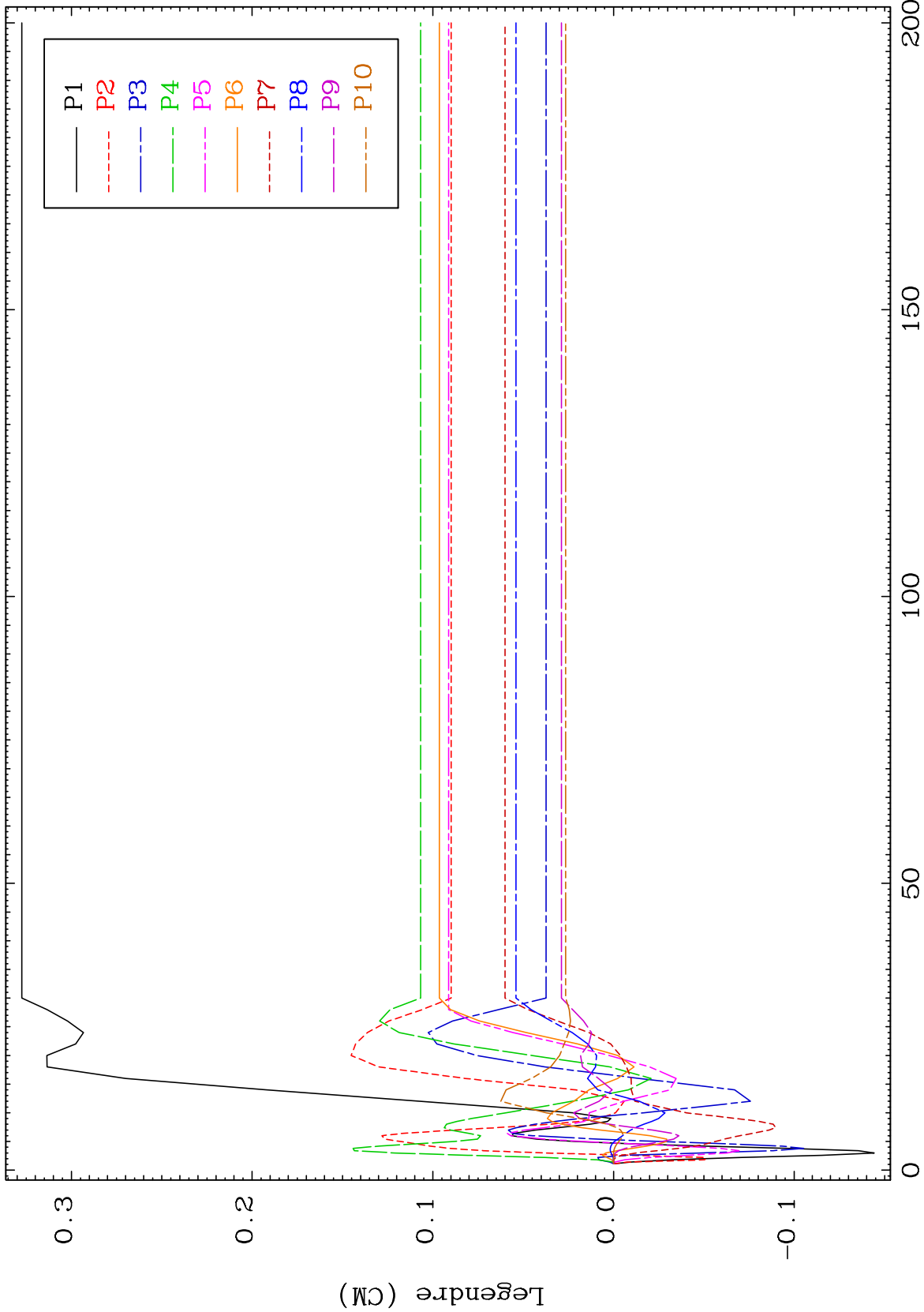
105



MAT 8158

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

81-Tl-214



81-Tl-214

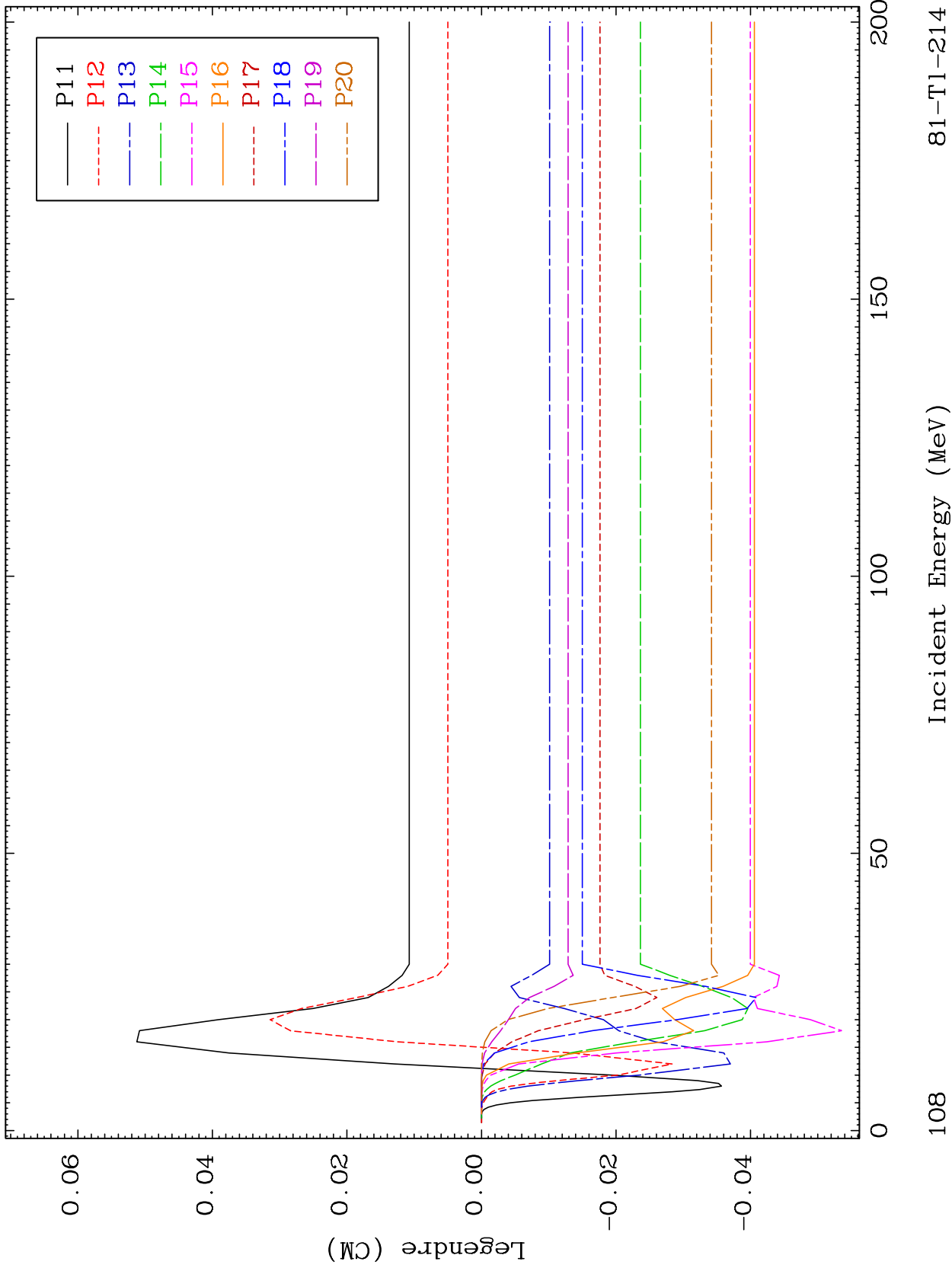
Incident Energy (MeV)

107

MAT 8158

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

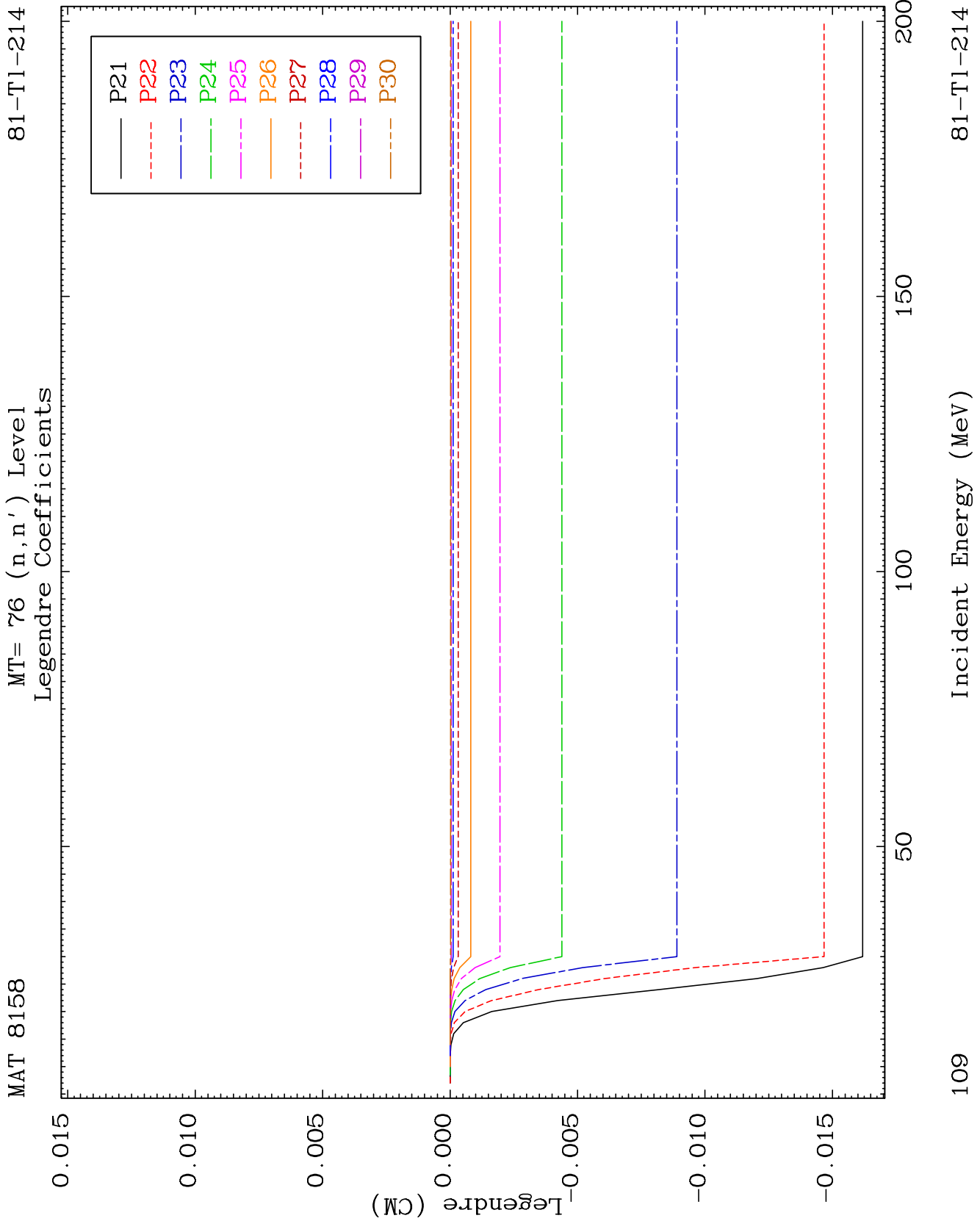
81-Tl-214

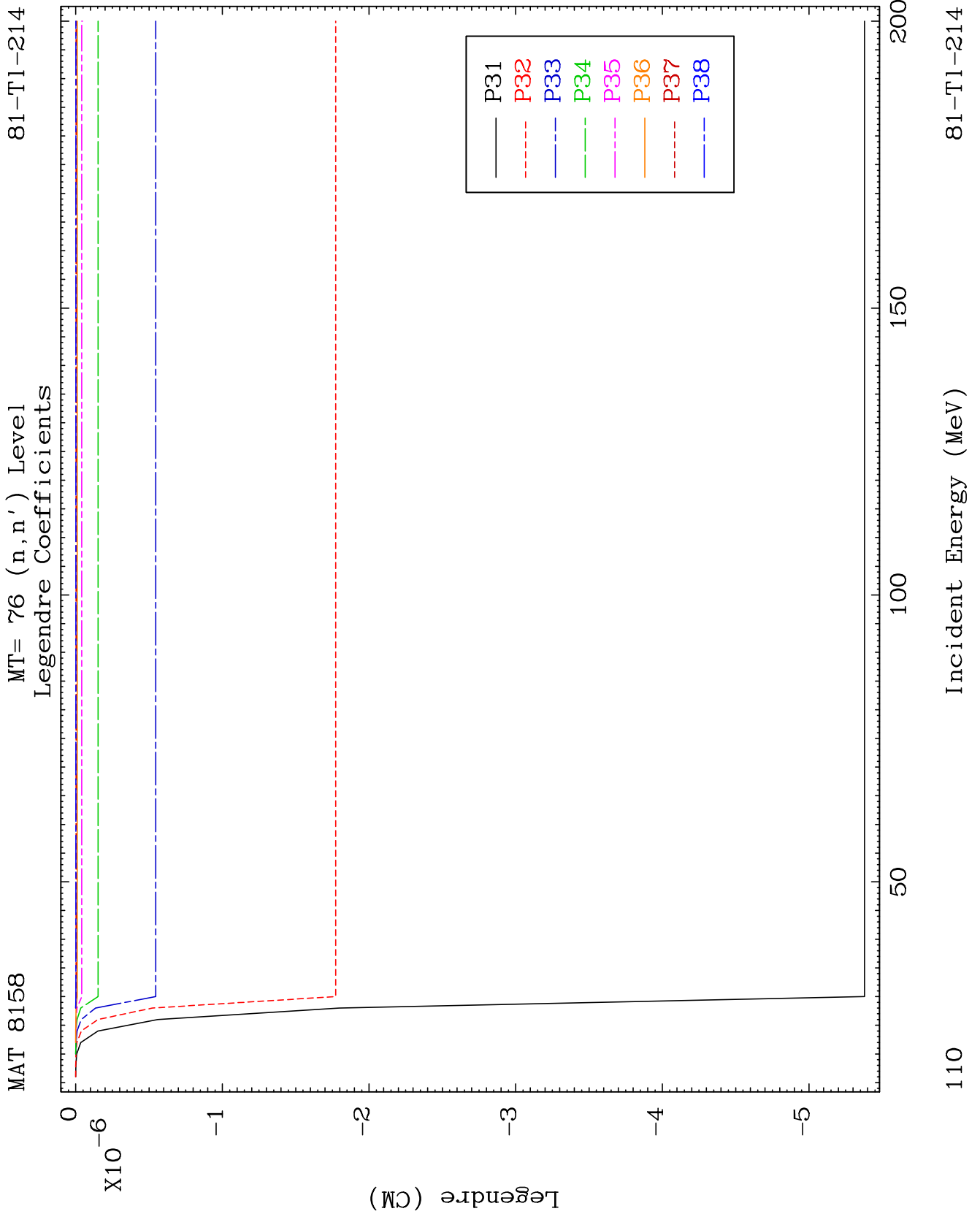


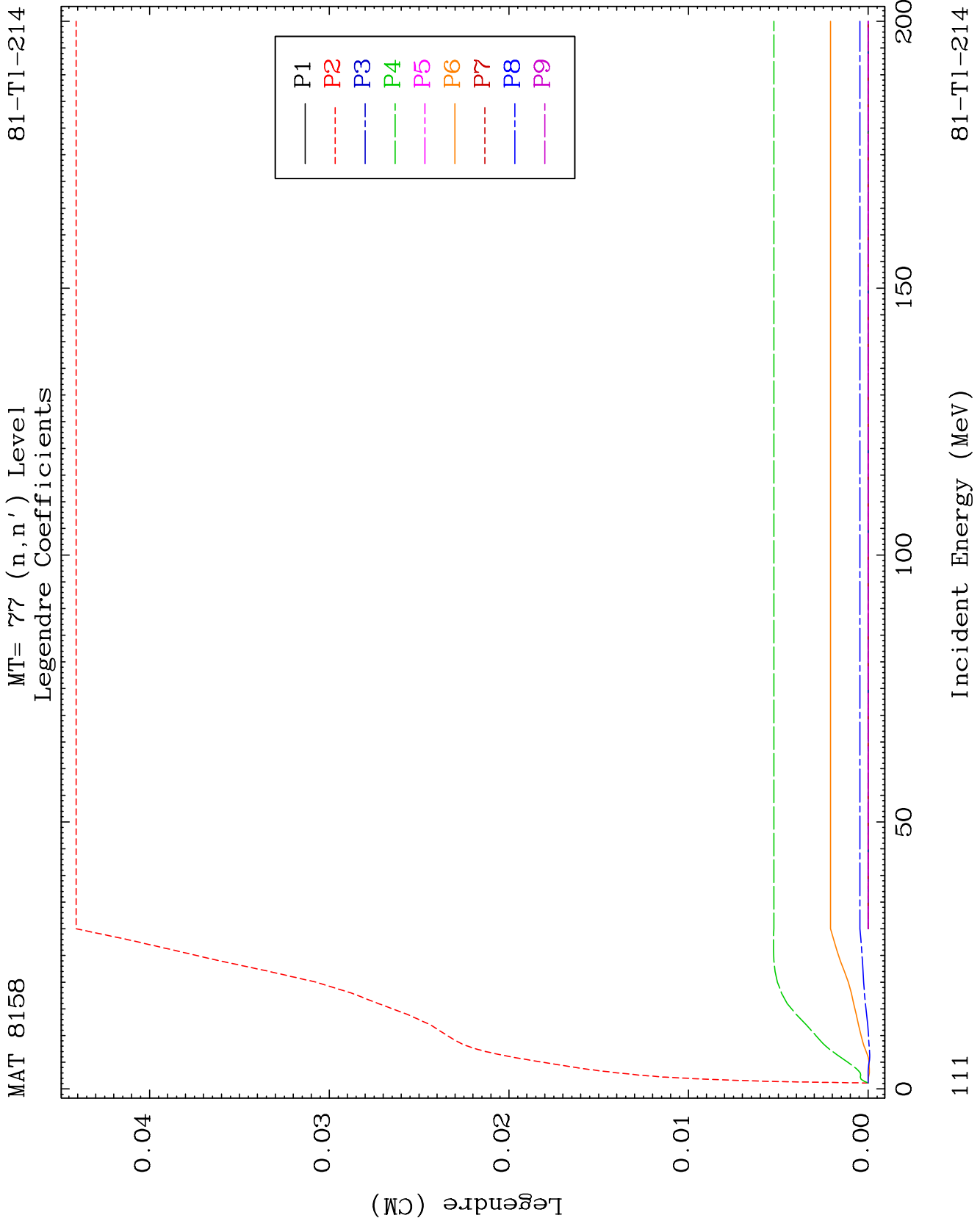
81-Tl-214

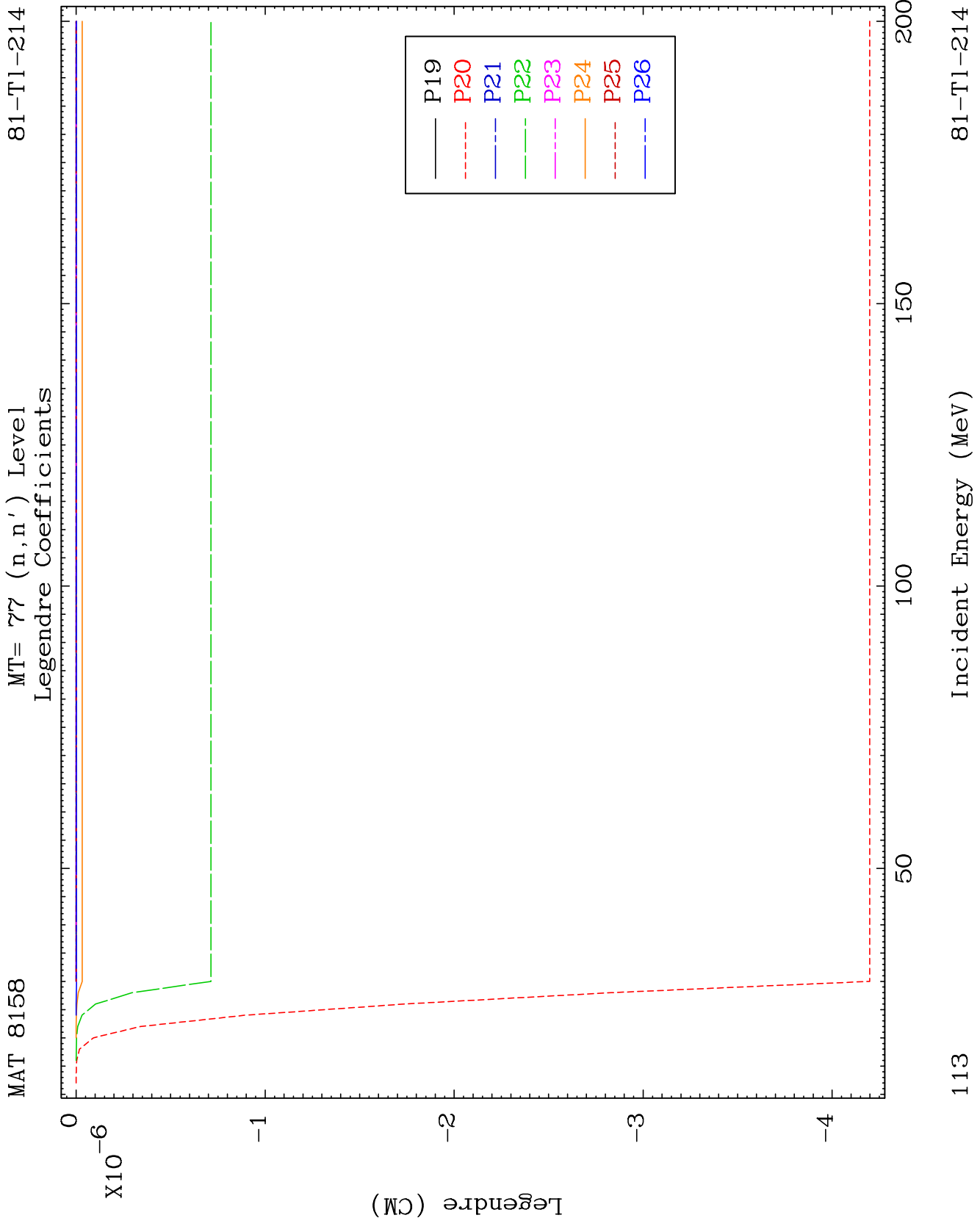
Incident Energy (MeV)

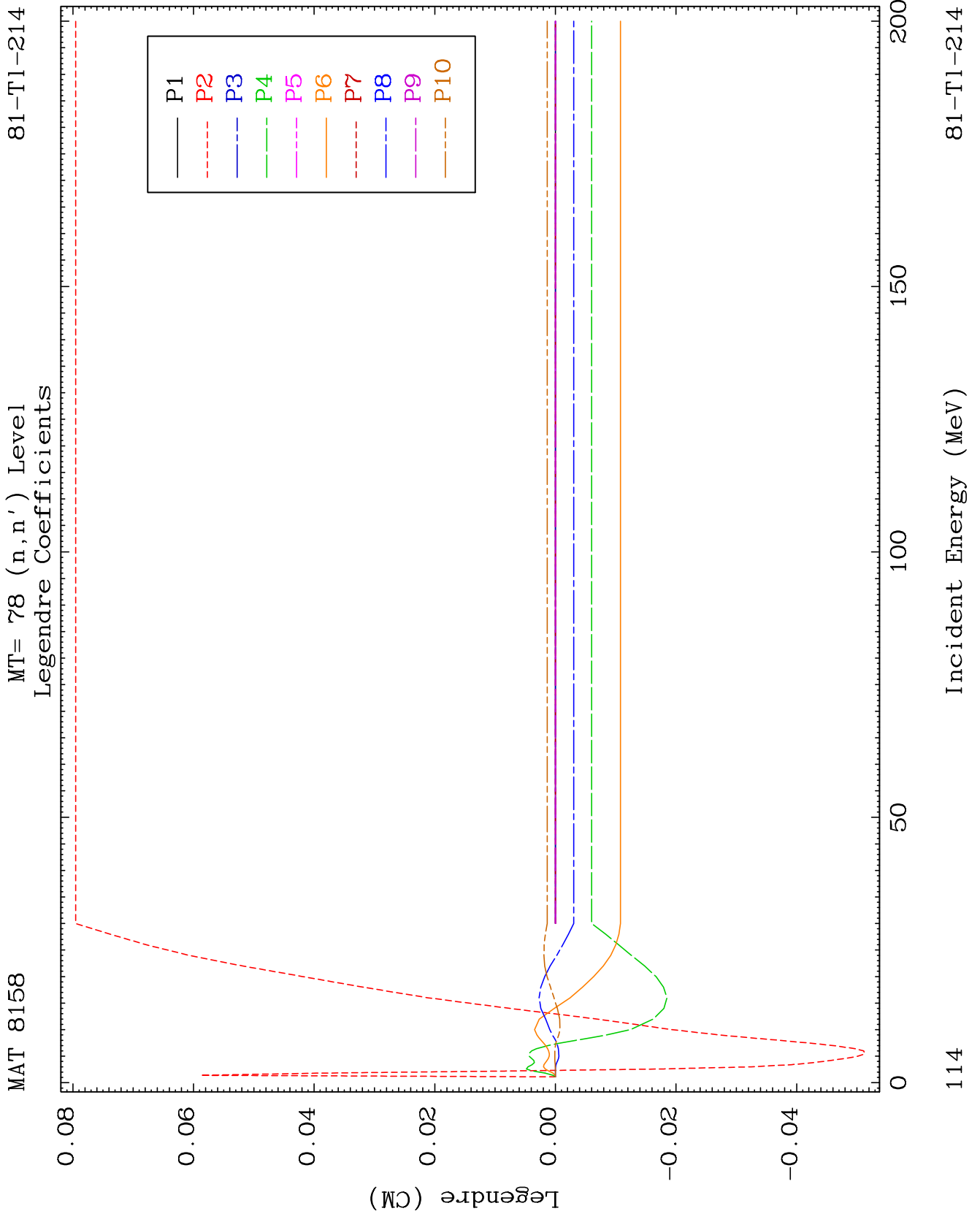
108







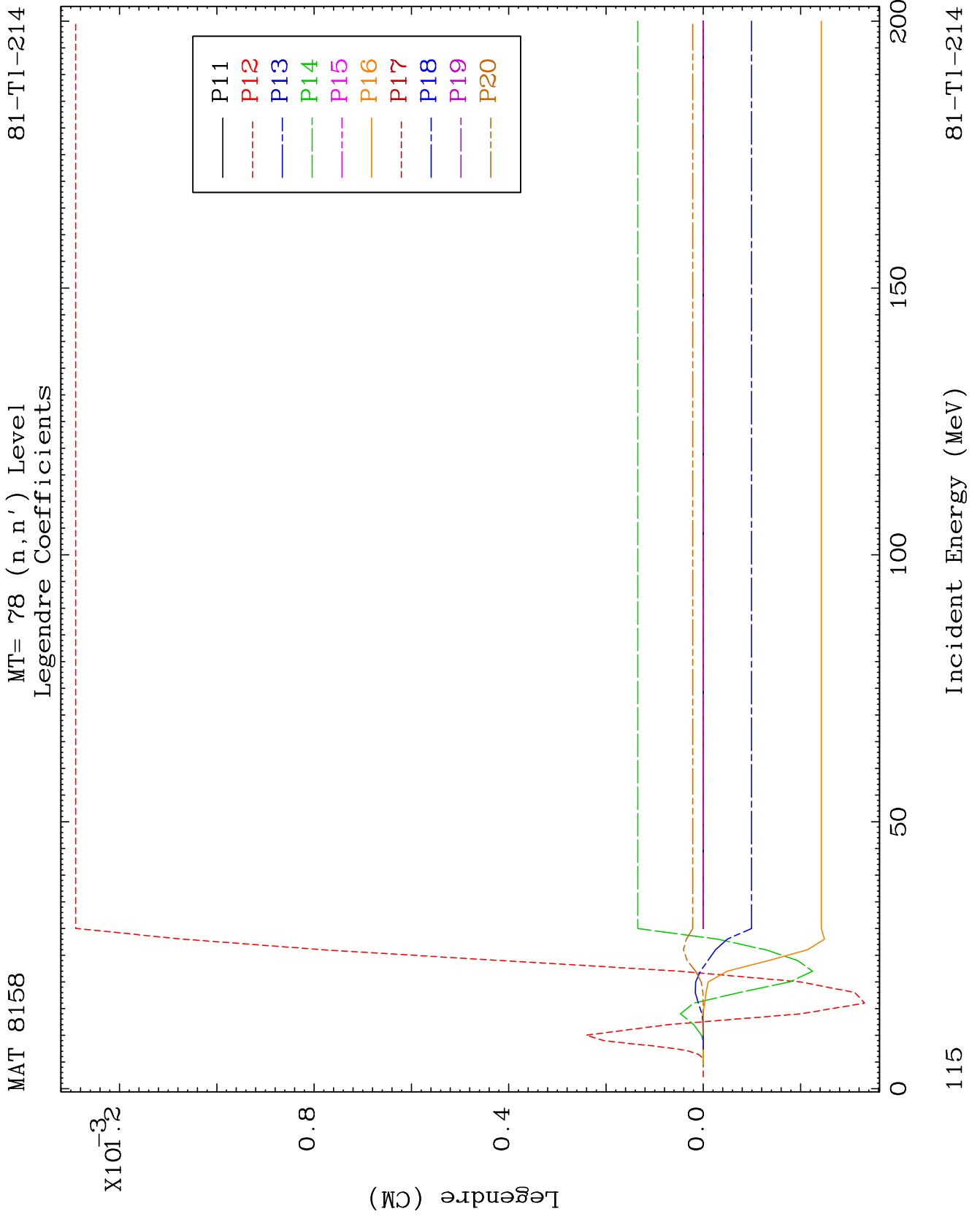




81-T1-214

Incident Energy (MeV)

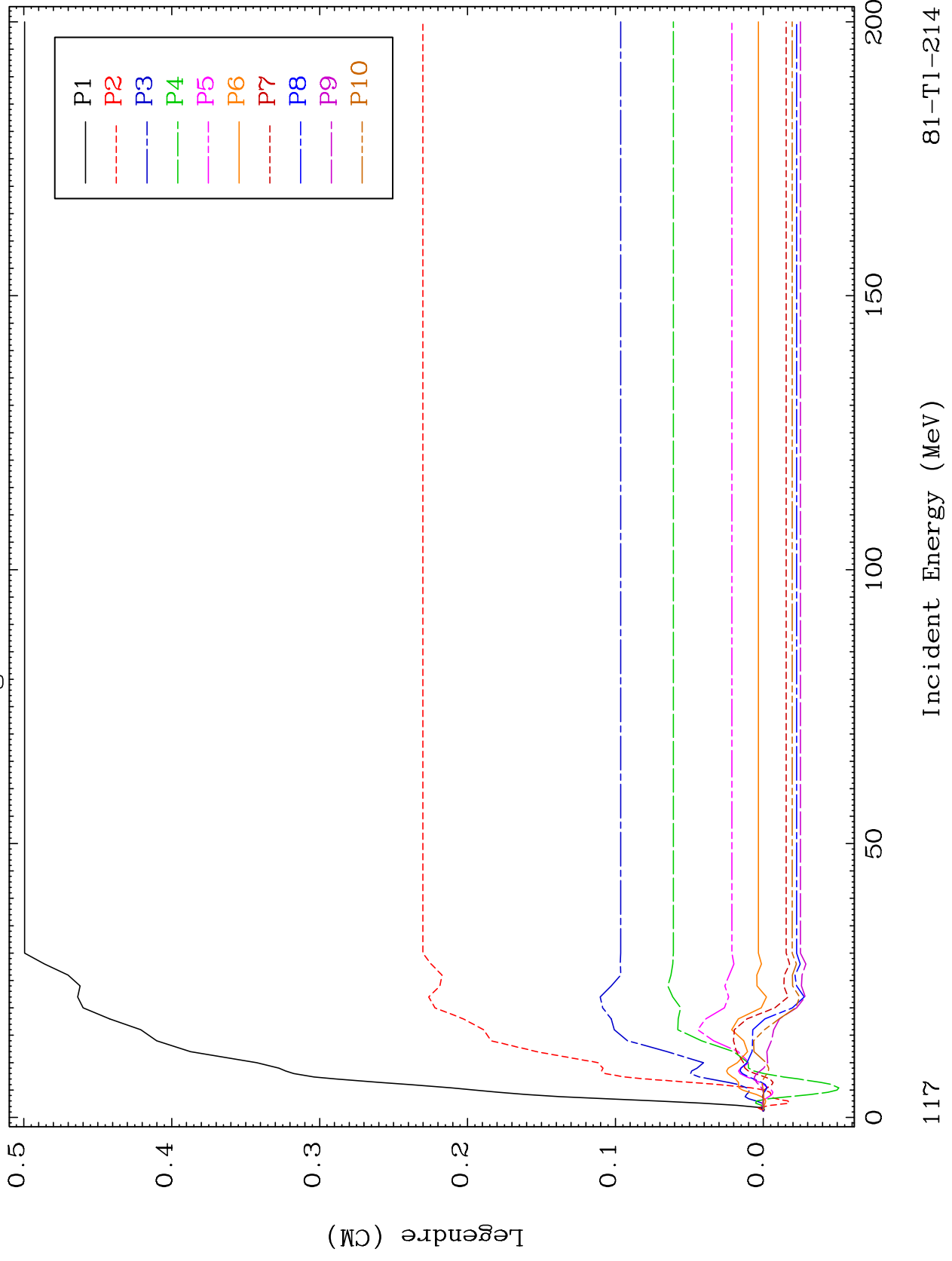
114



MAT 8158

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

81-T1-214

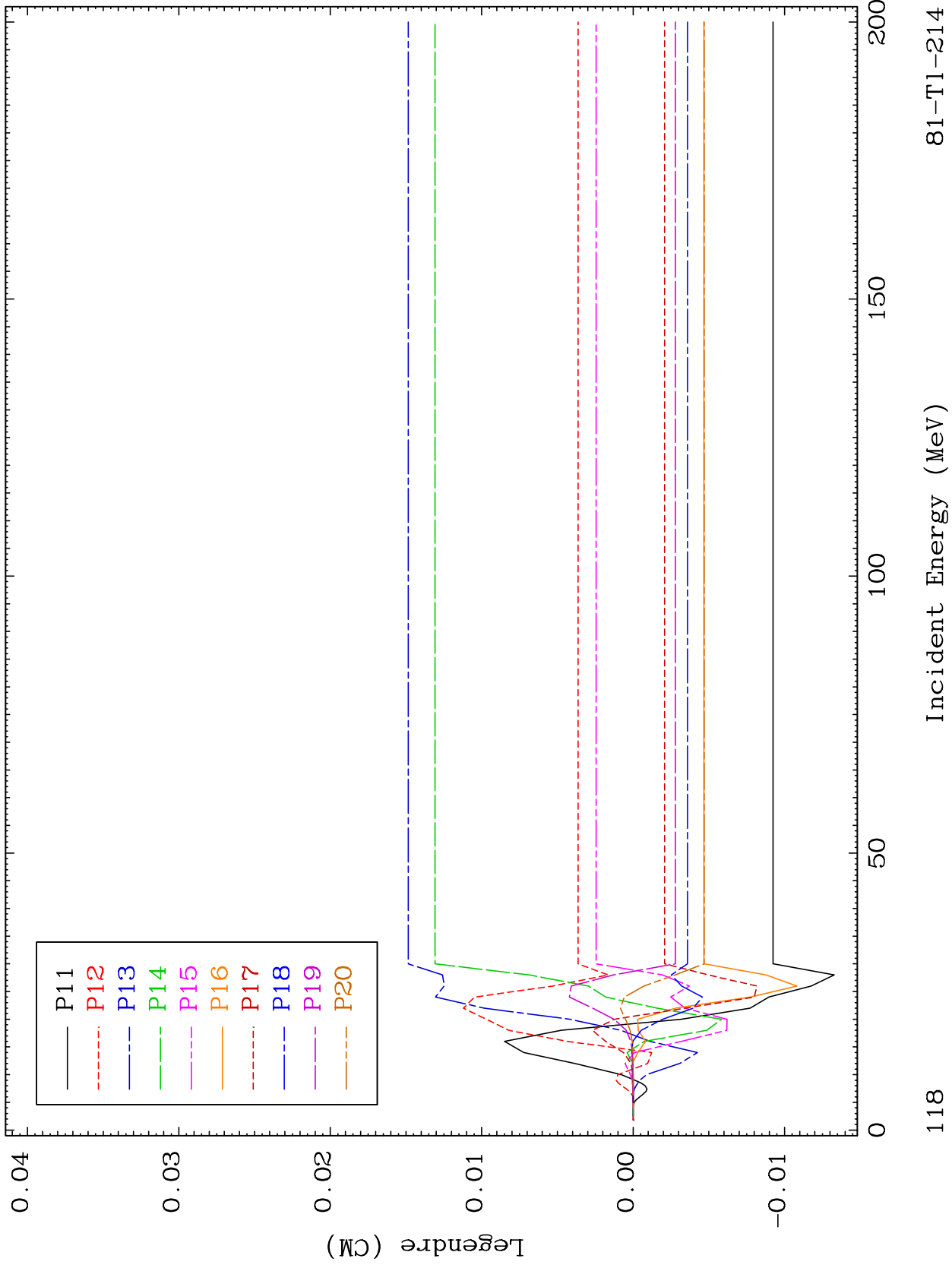


117

MAT 8158

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

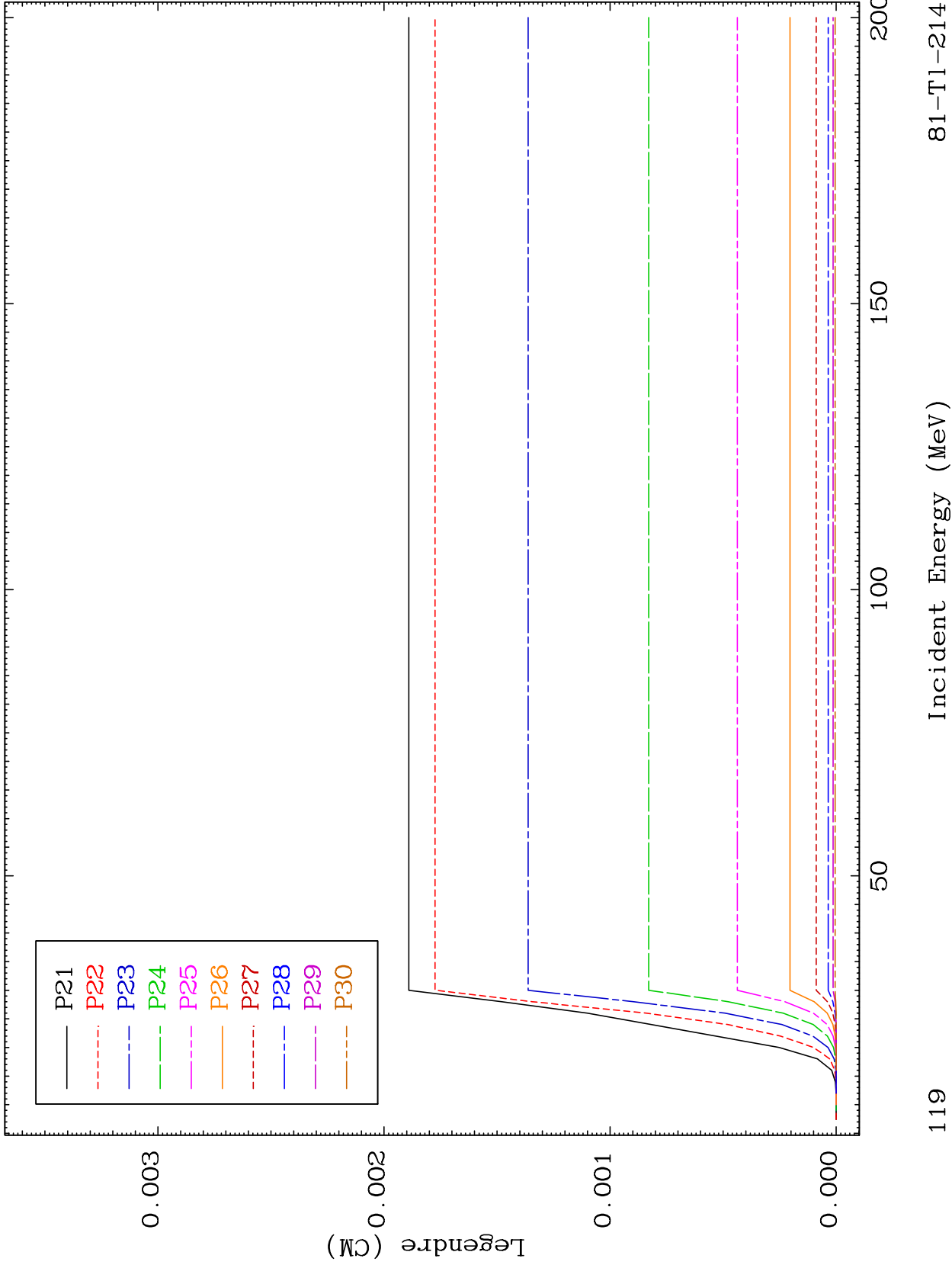
81-Tl-214



118

Incident Energy (MeV)

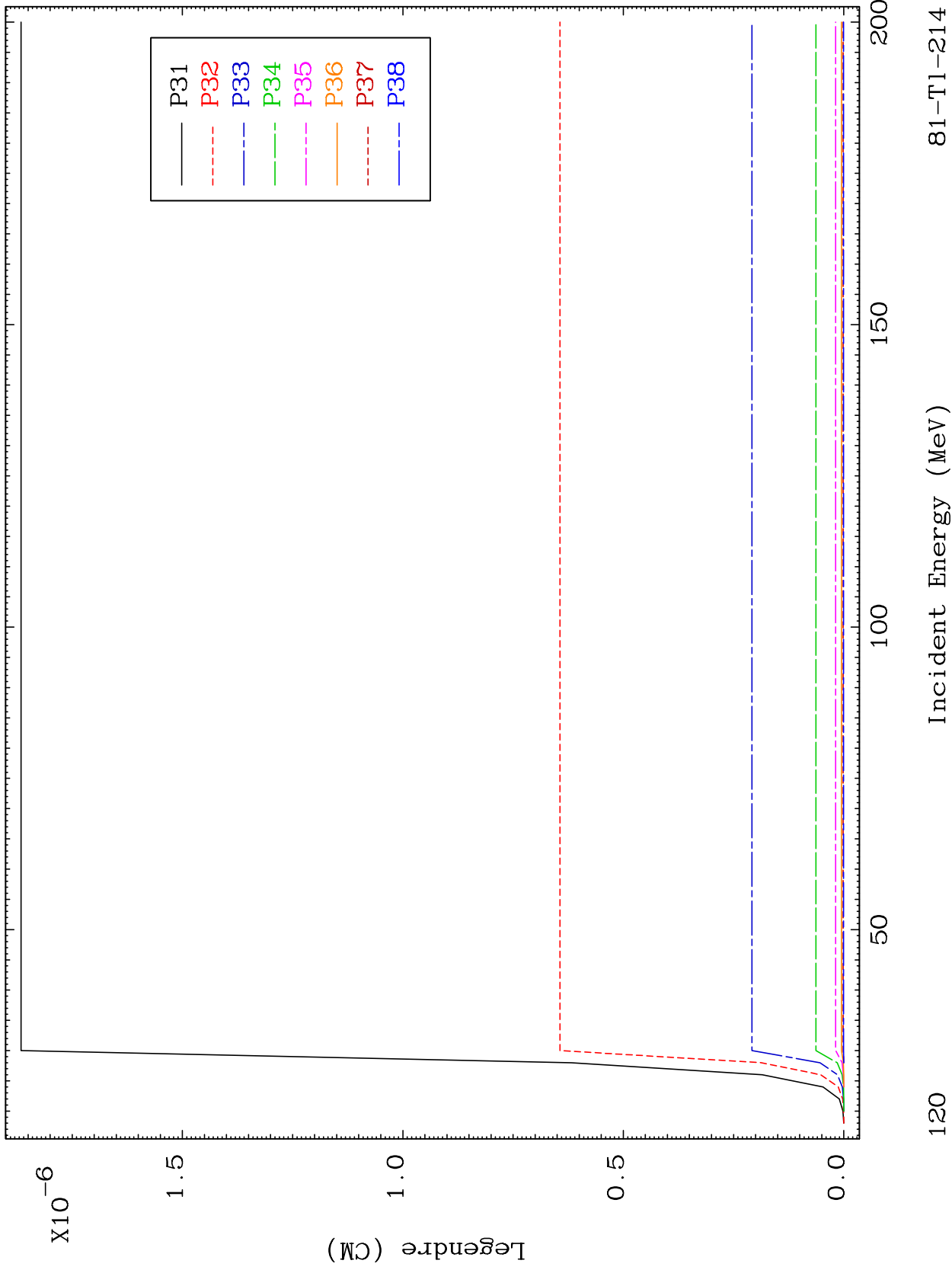
81-Tl-214



MAT 8158

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

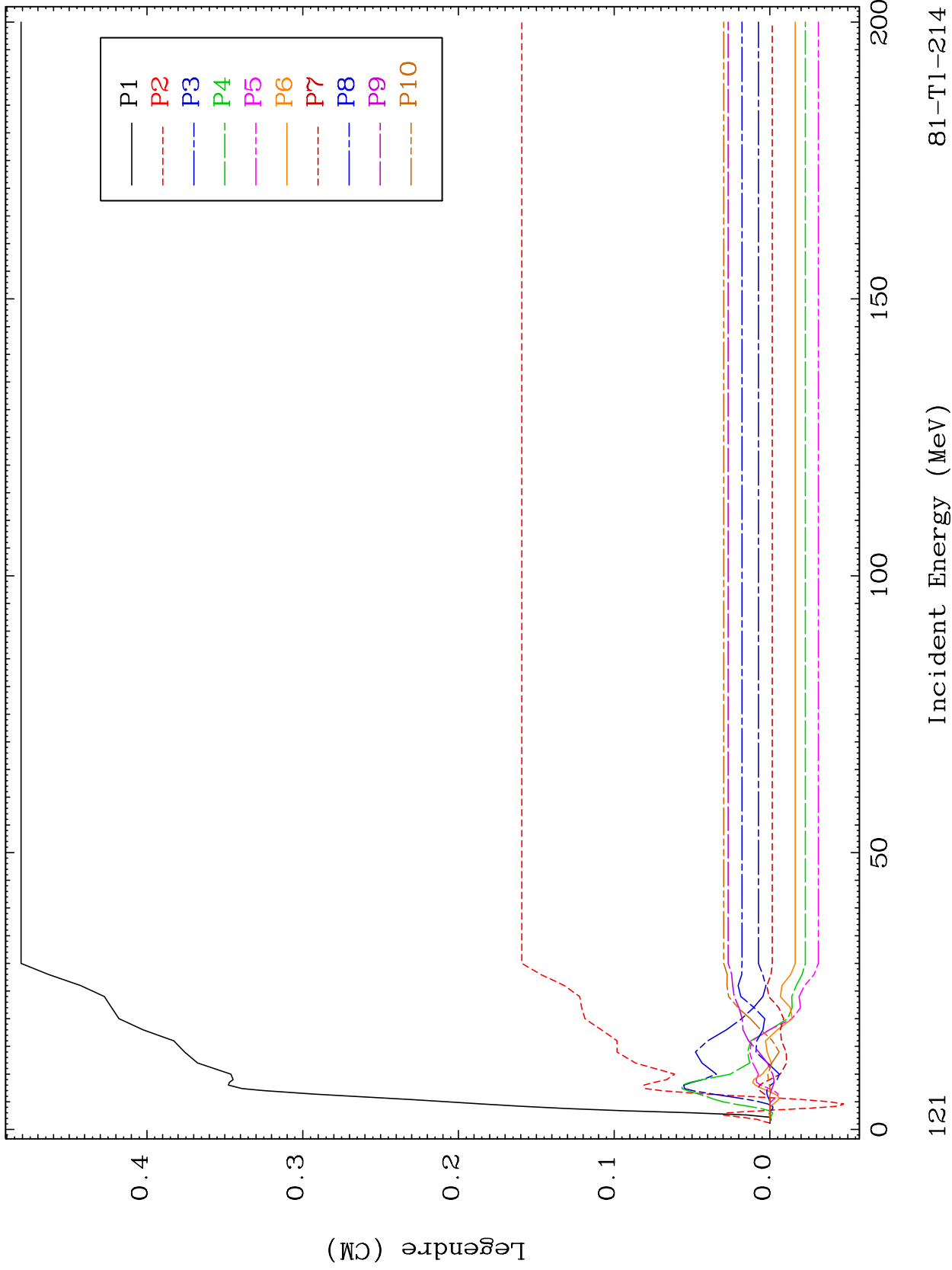
81-T1-214



MAT 8158

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

81-Tl-214



81-Tl-214

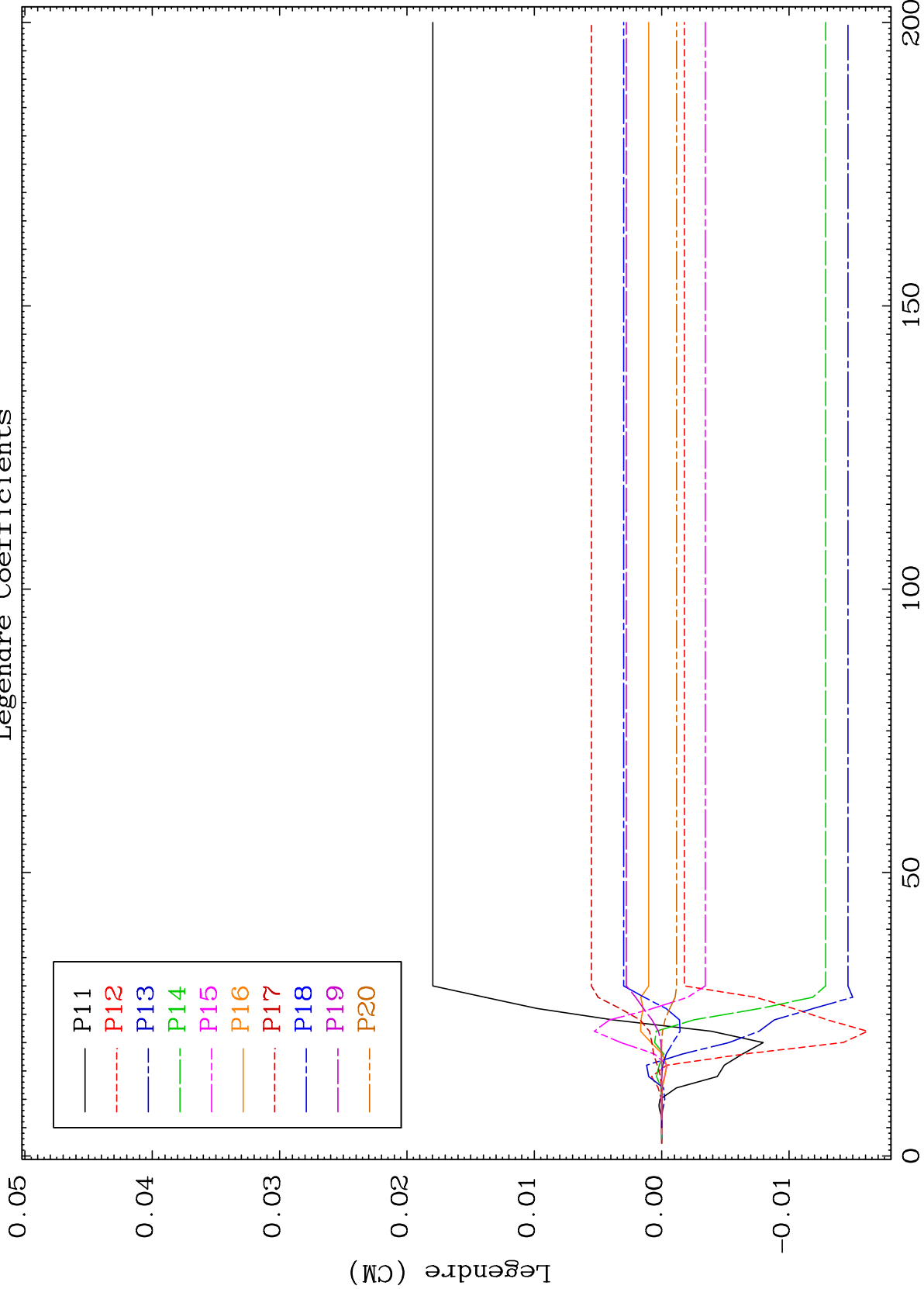
Incident Energy (MeV)

121

MAT 8158

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

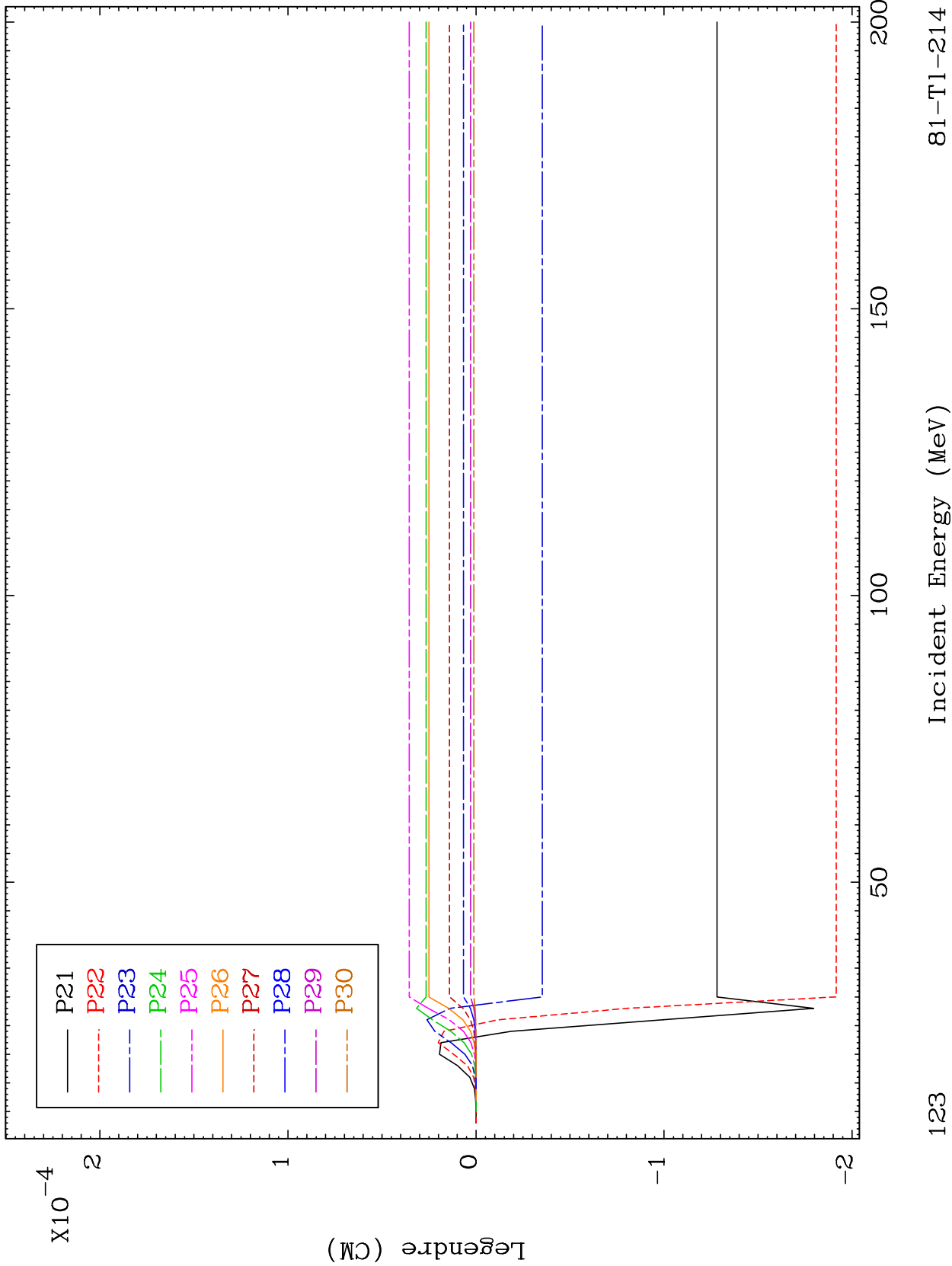
81-Tl-214



81-Tl-214

Incident Energy (MeV)

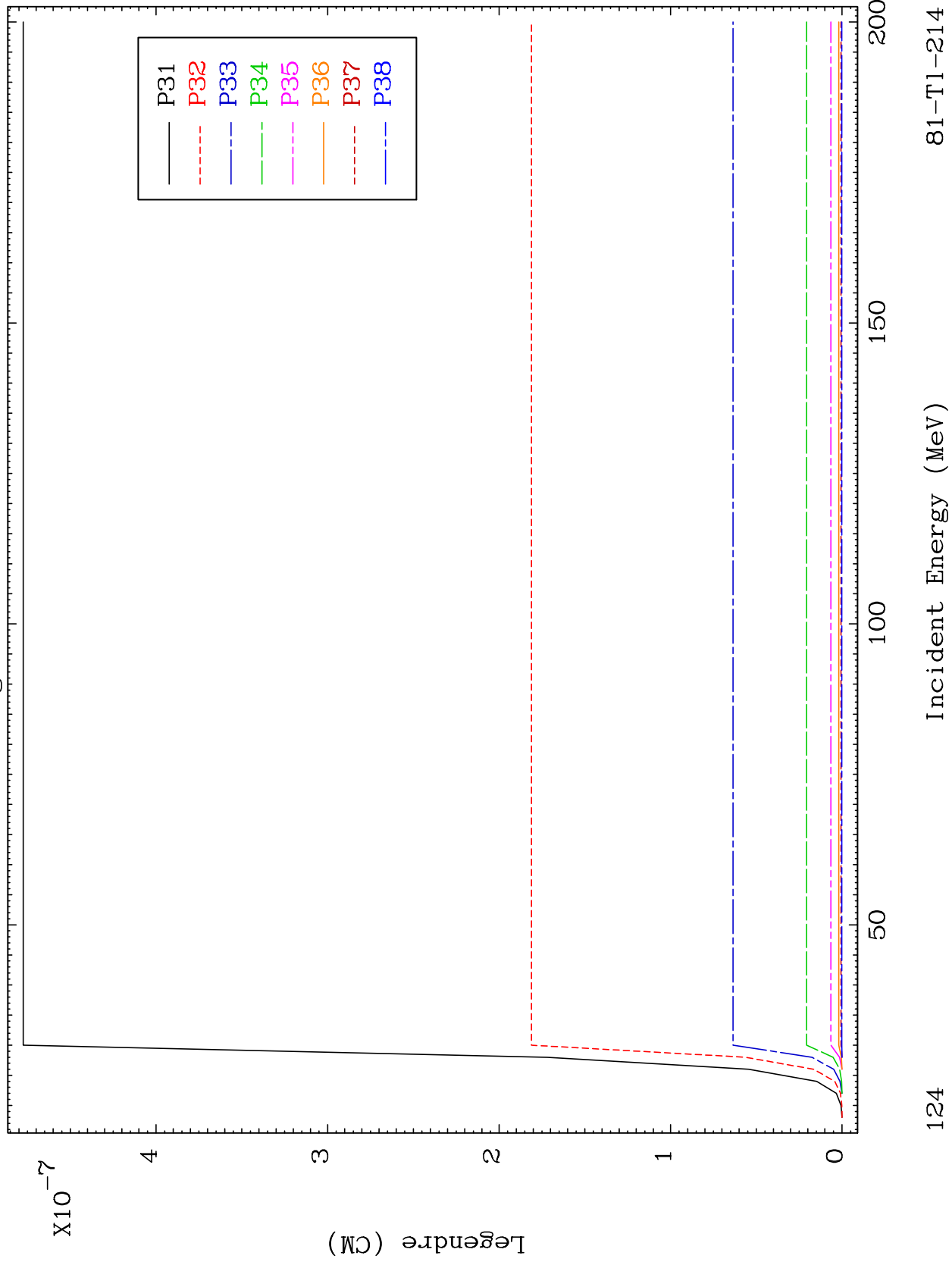
122



MAT 8158

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

81-Tl-214



MAT 8158

Fission

81-Tl-214

Radionuclide Production Cross Section

