

Program EVALPLOT
(Version 2015-2)

by

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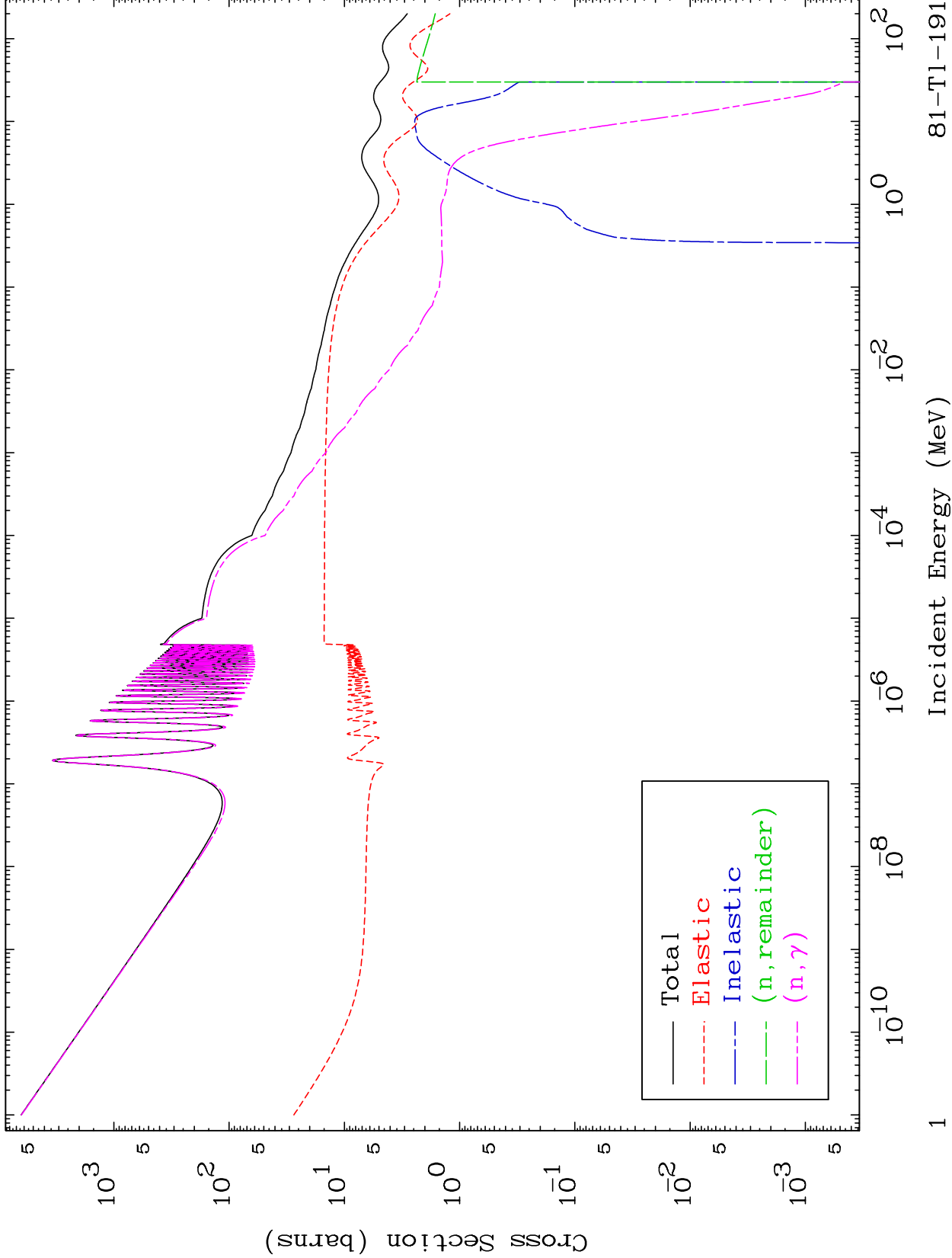
Press Mouse Button to Start

MAT 8089

Major

293 Kelvin Cross Sections

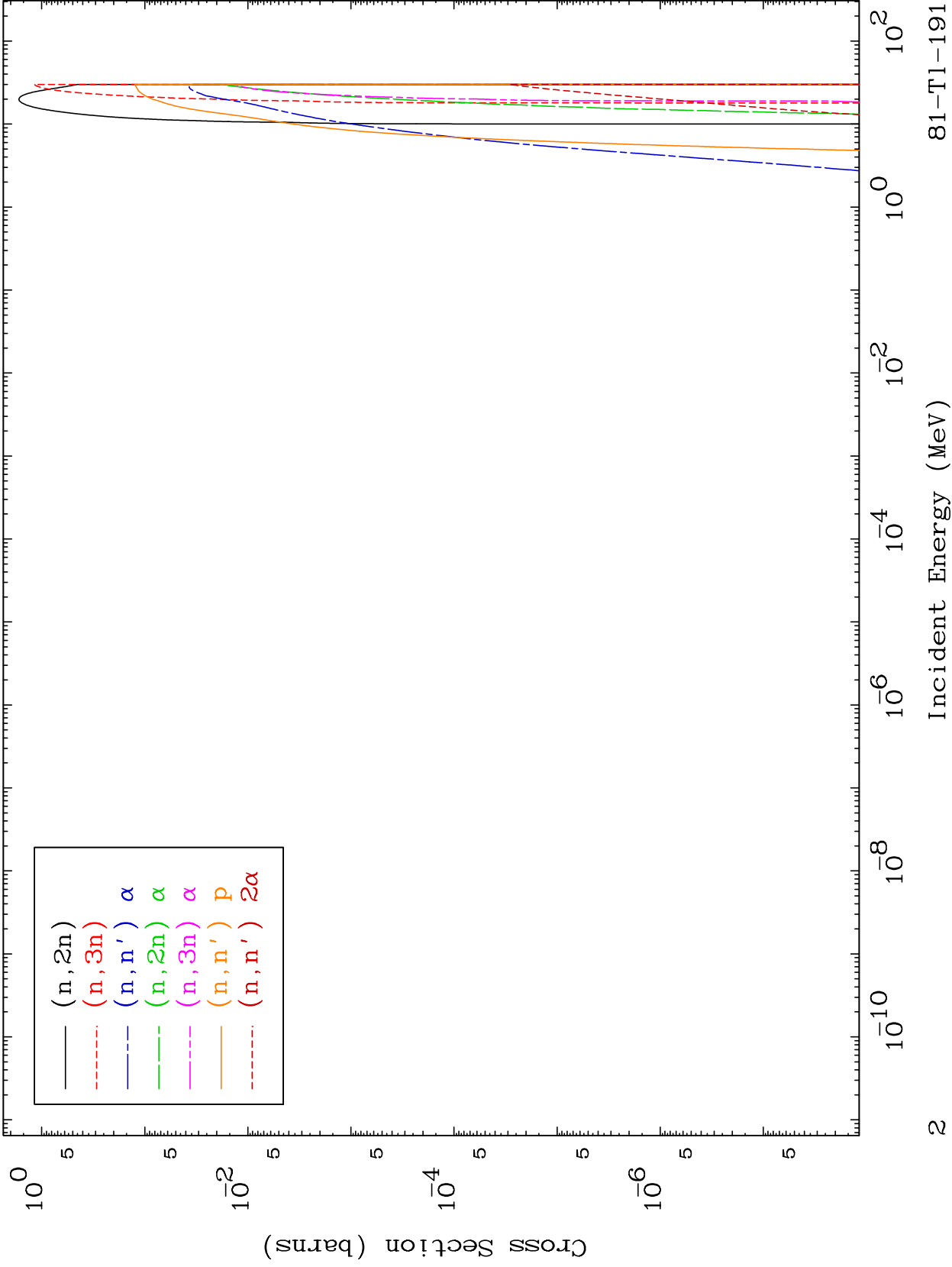
81-Tl-191

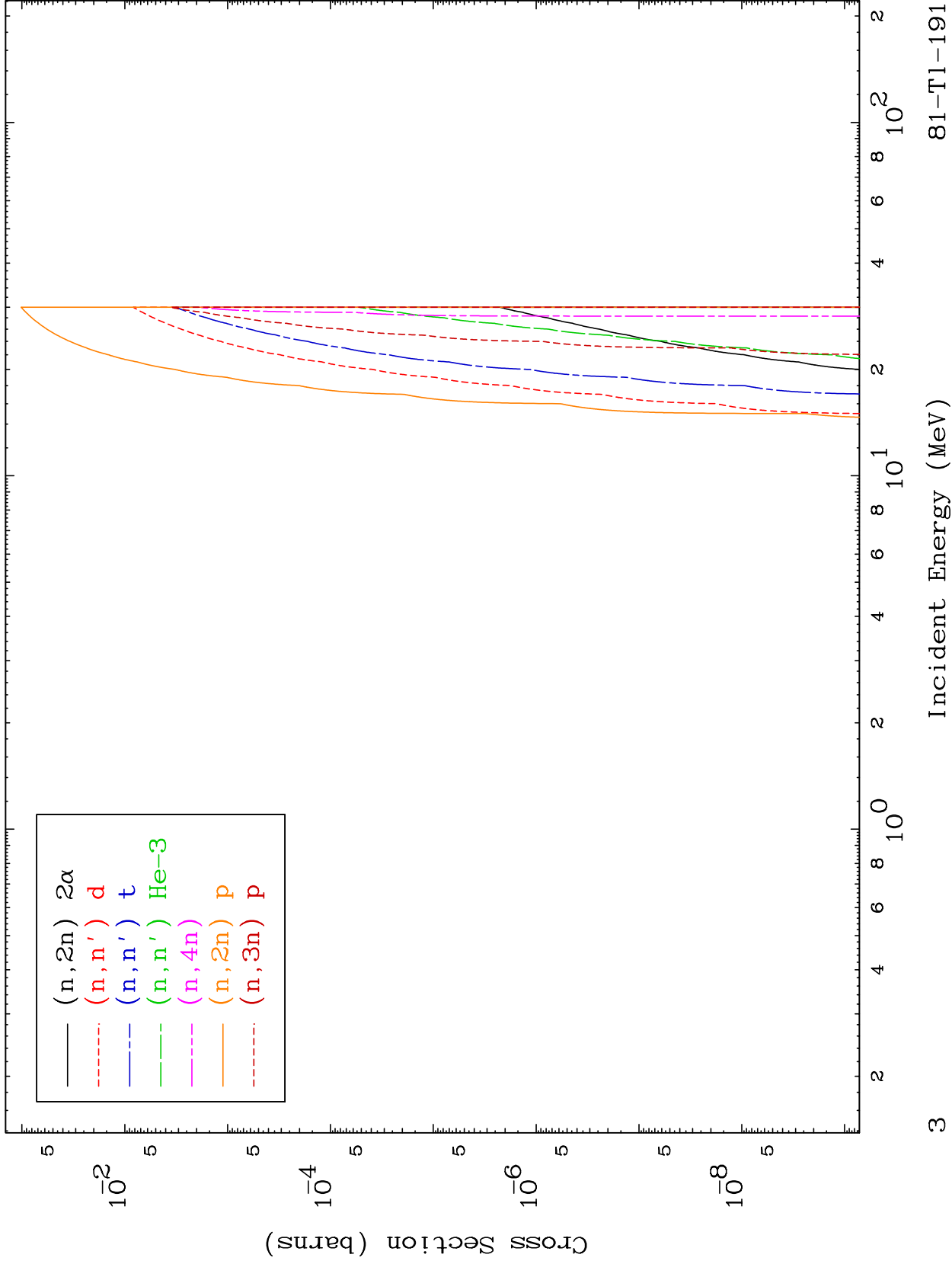


MAT 8089

Neutron Production
293 Kelvin Cross Sections

81-Tl-191

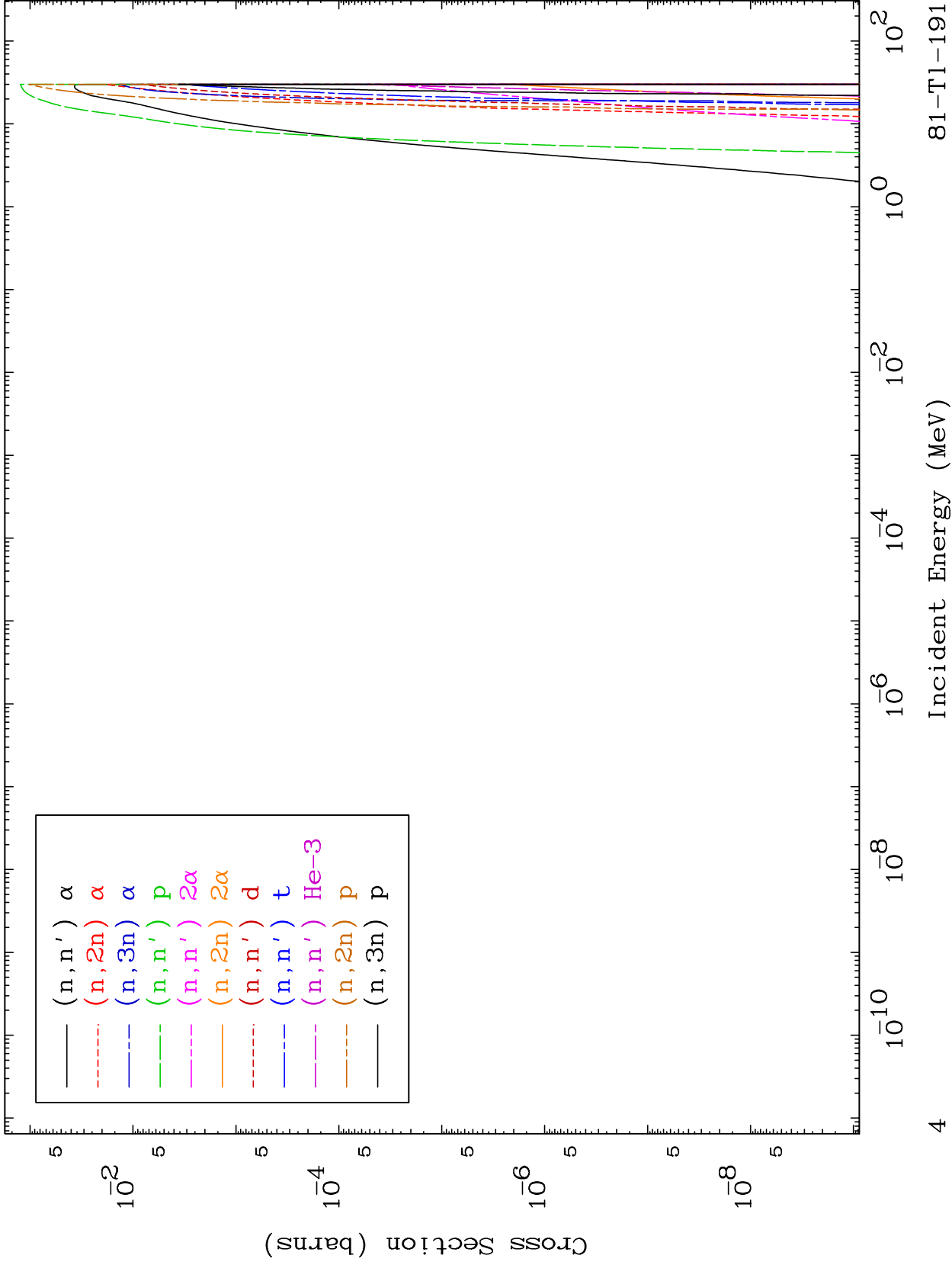


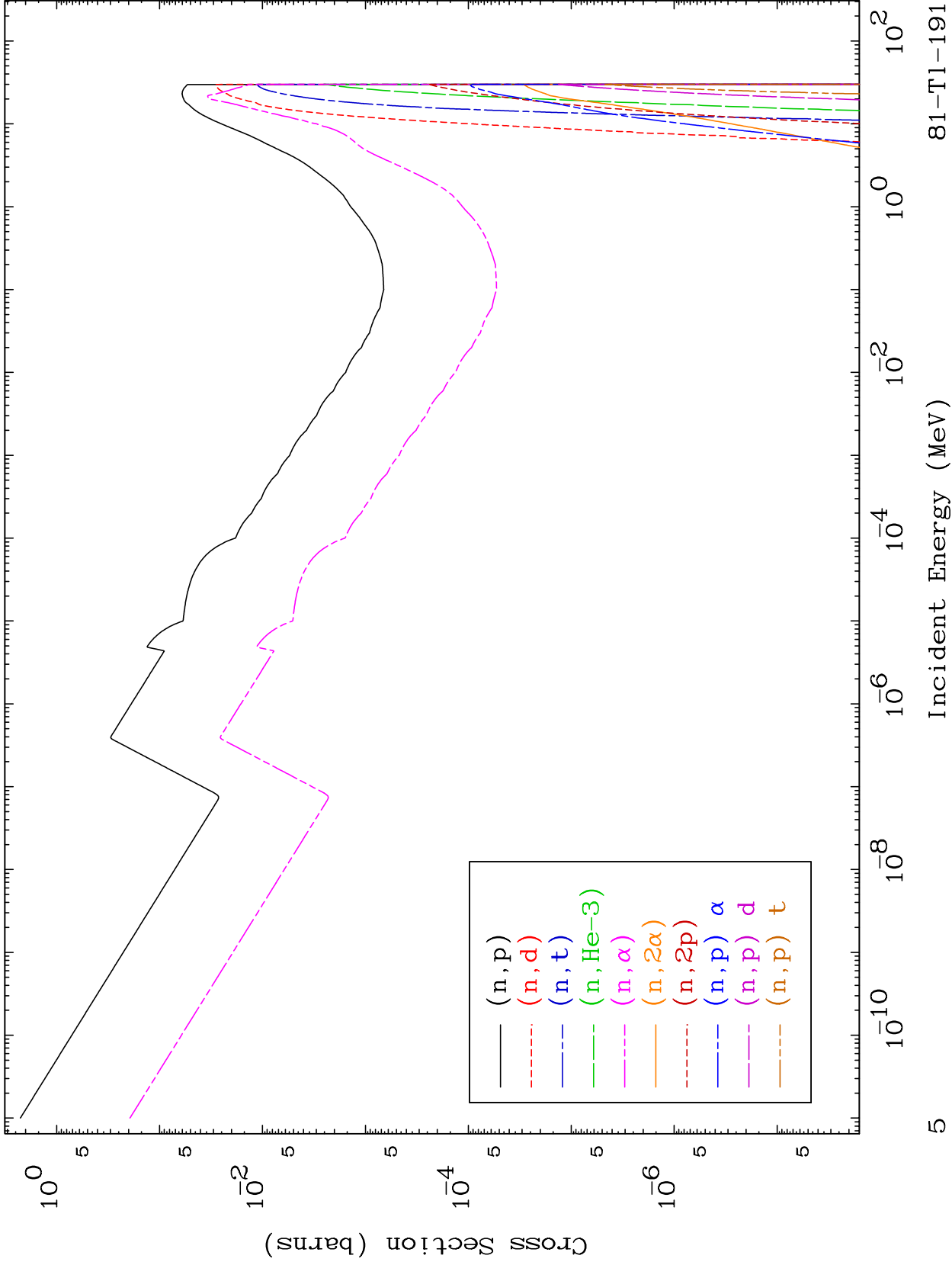


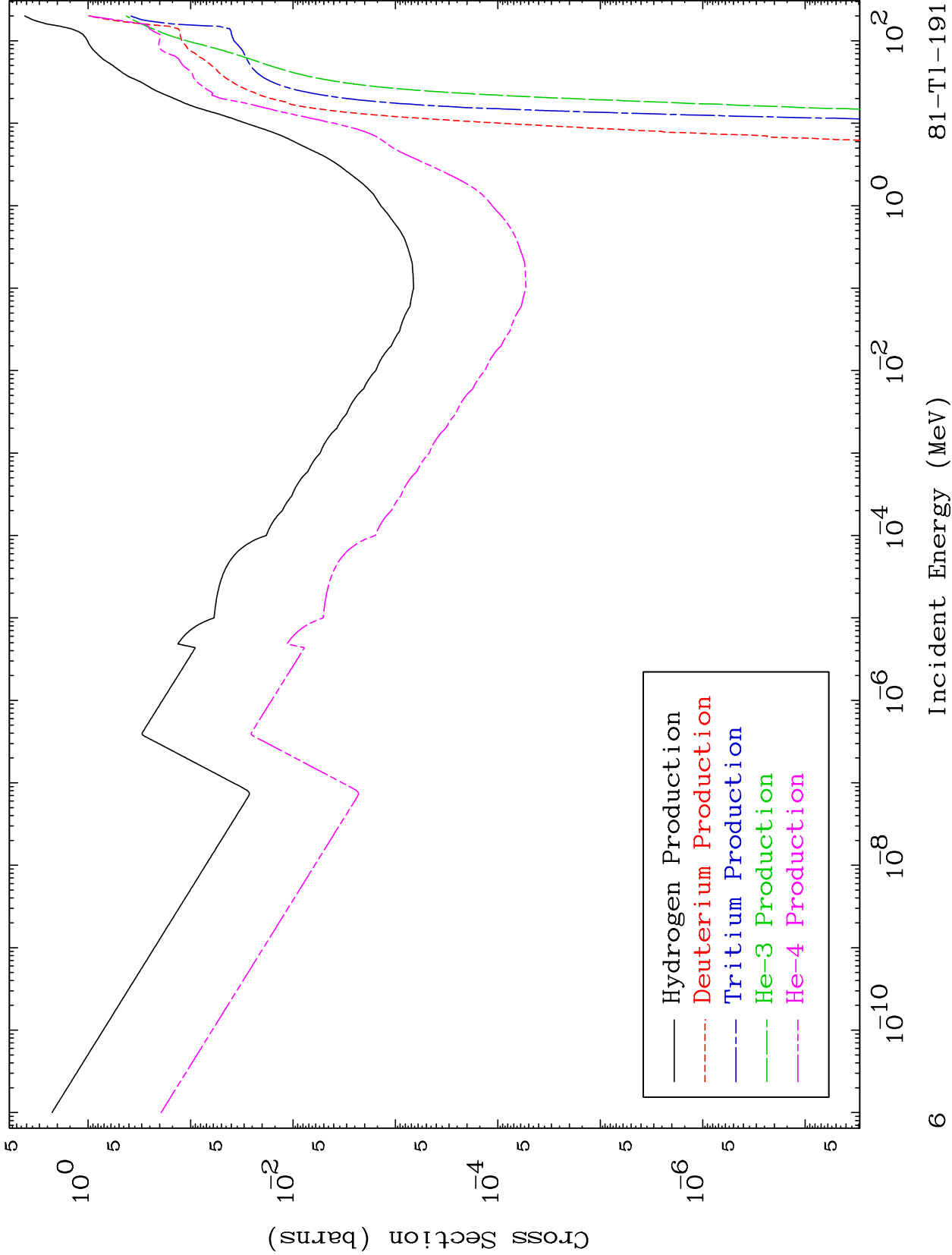
MAT 8089

Charged Particle
293 Kelvin Cross Sections

81-Tl-191



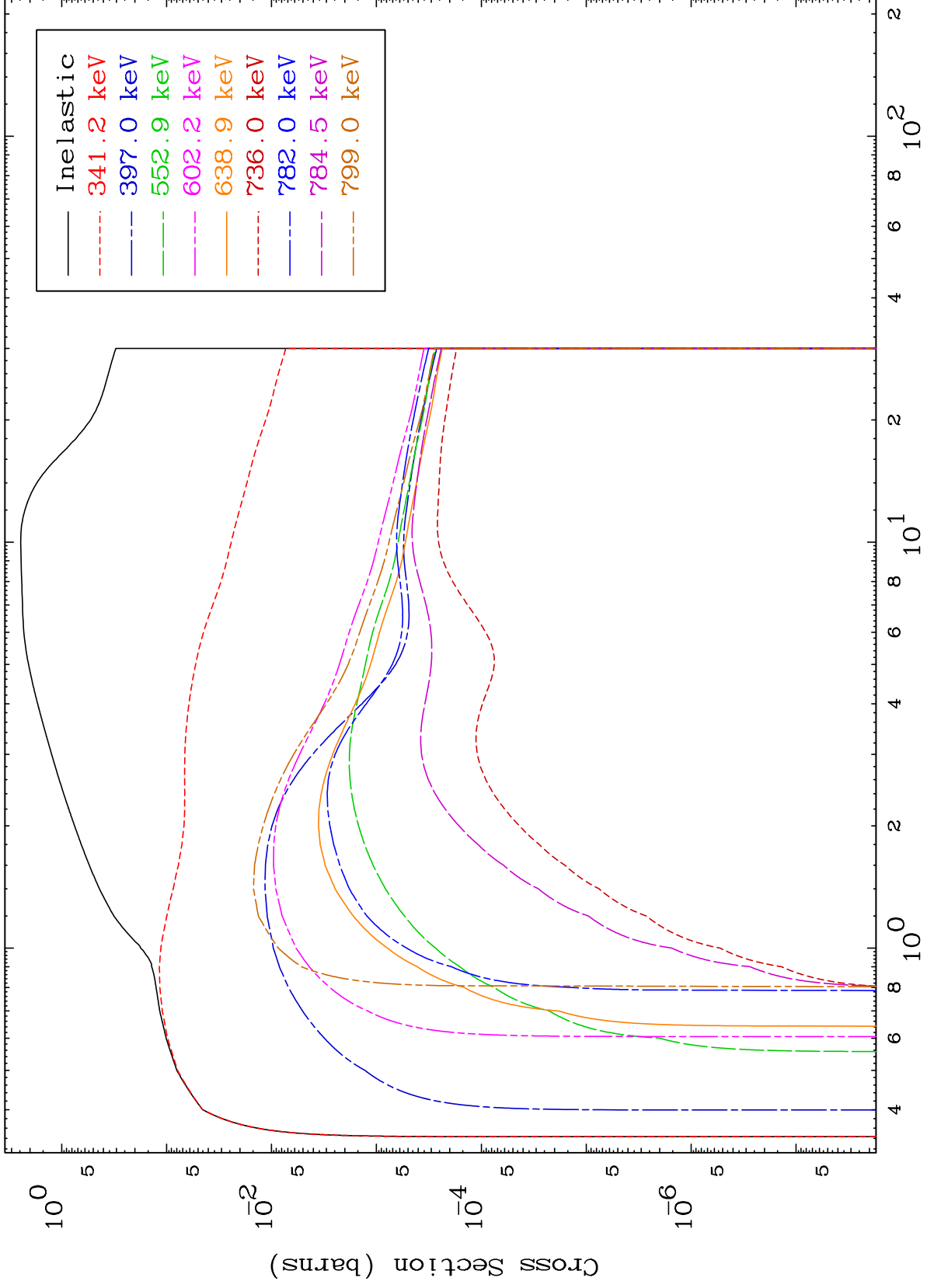




MAT 8089

(n,n') Level
293 Kelvin Cross Sections

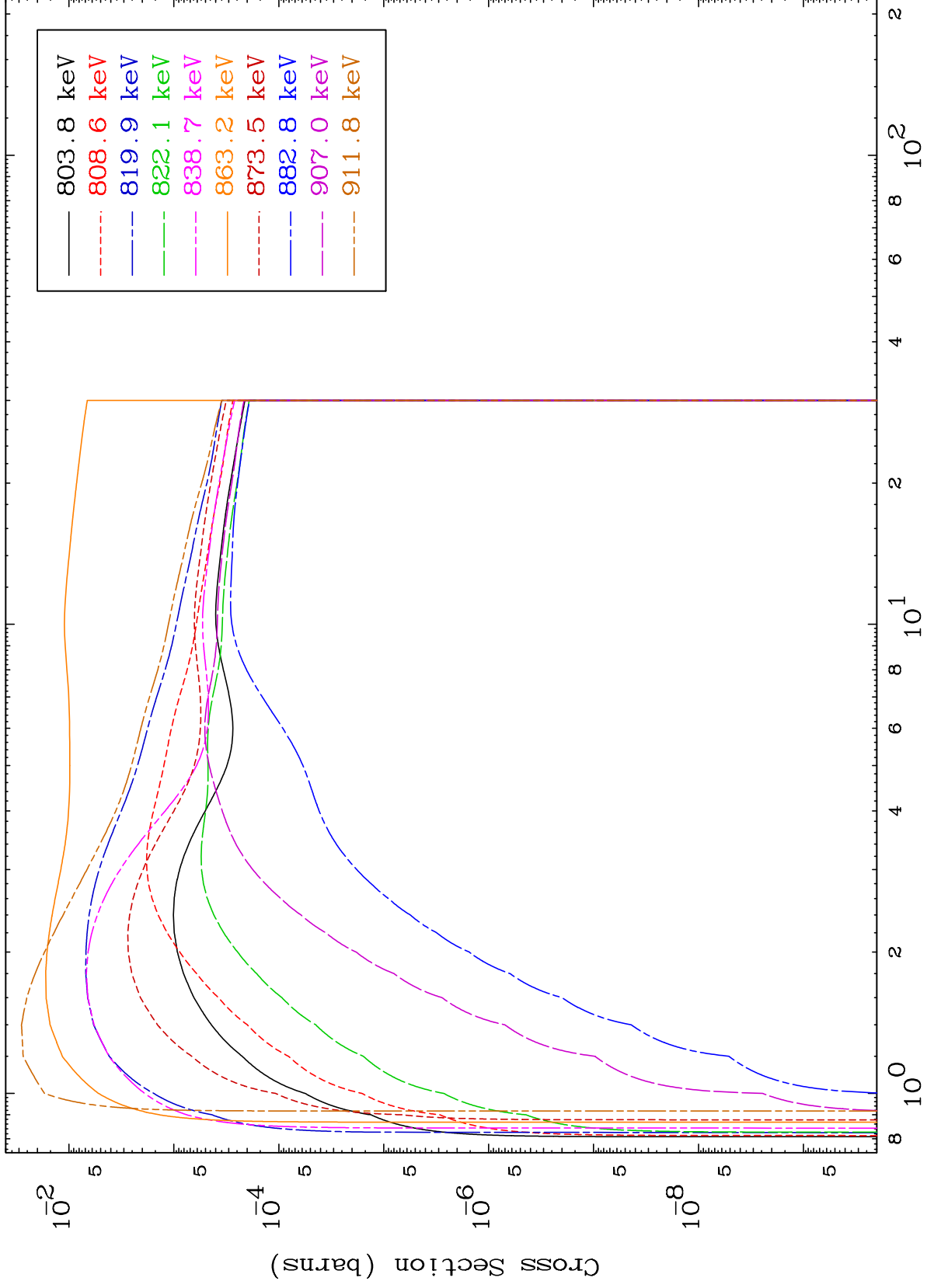
81-Tl-191



MAT 8089

(n,n') Level
293 Kelvin Cross Sections

81-Tl-191



Incident Energy (MeV)

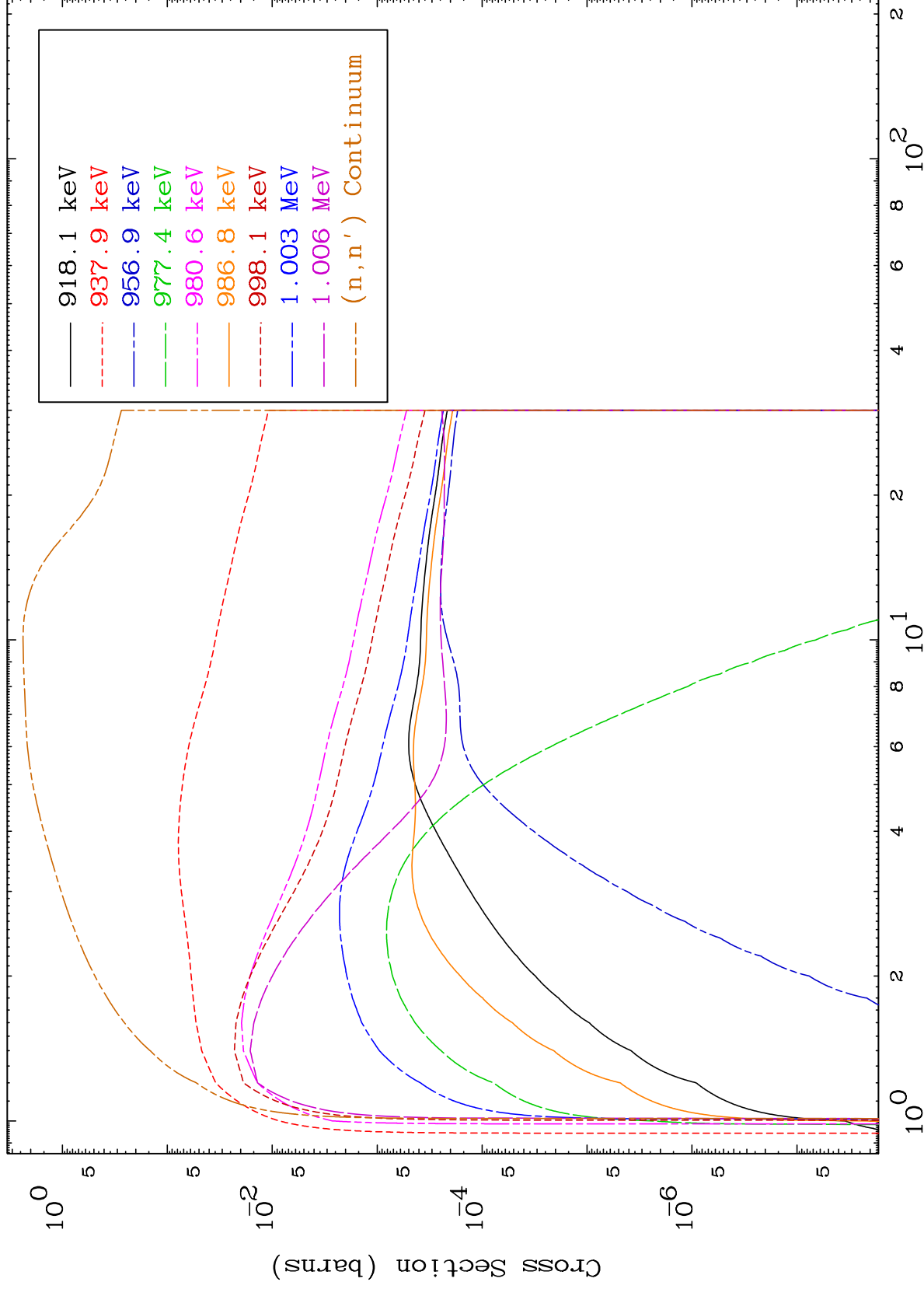
81-Tl-191

MAT 8089

(n,n') Level

81-Tl-191

293 Kelvin Cross Sections



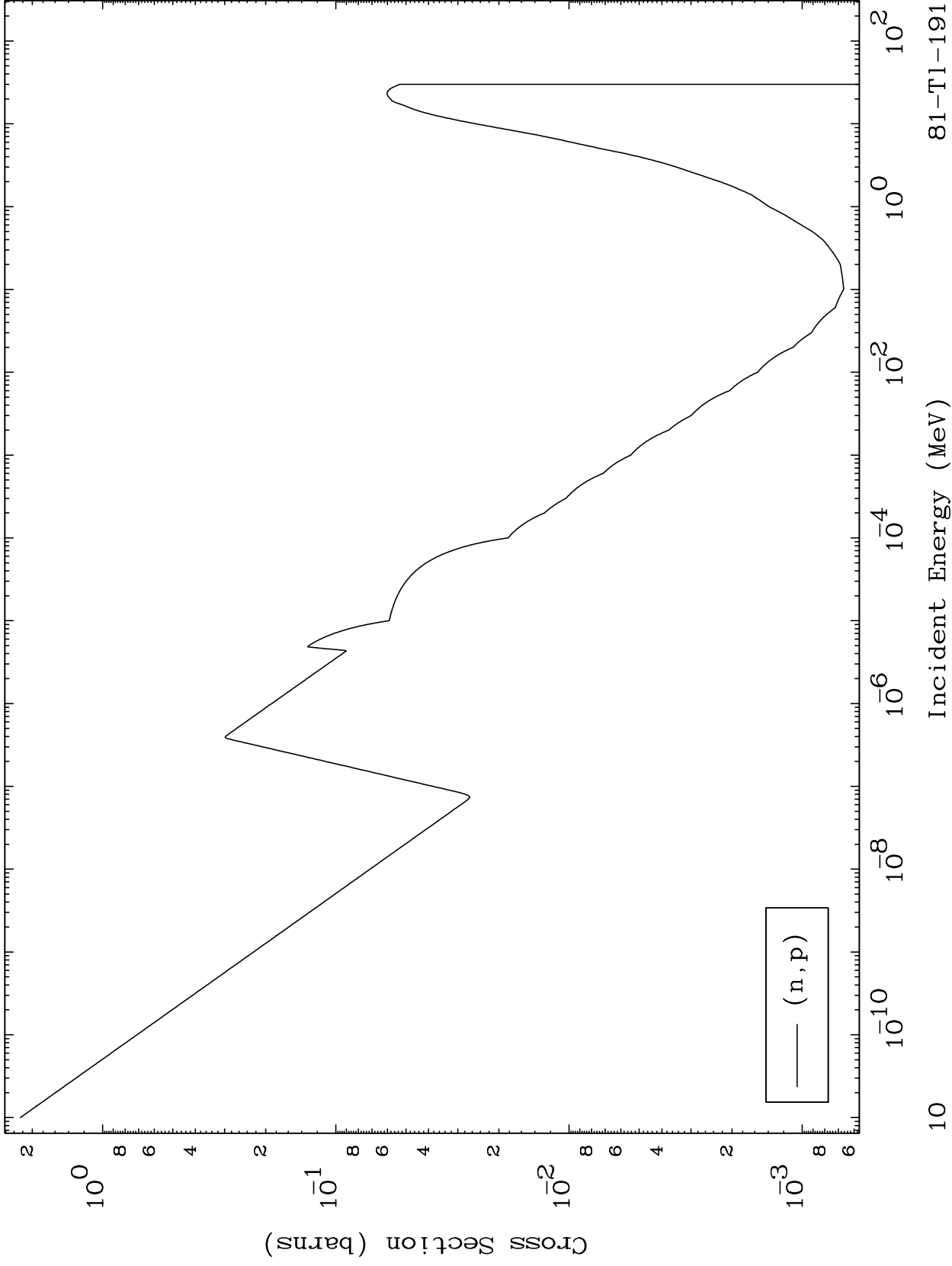
Incident Energy (MeV)

81-Tl-191

MAT 8089

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-191



10

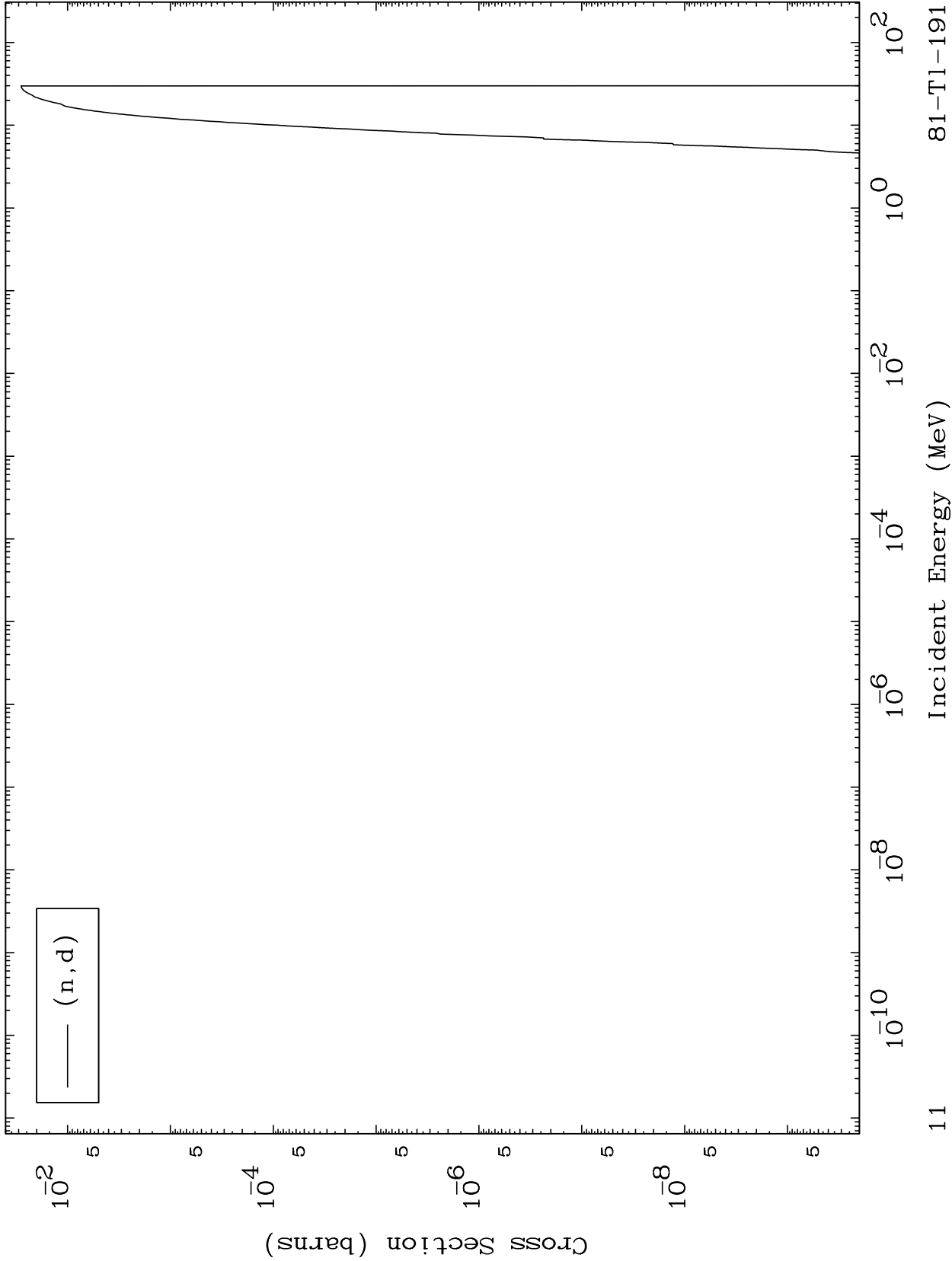
Incident Energy (MeV)

81-Tl-191

MAT 8089

(n,d) Levels
293 Kelvin Cross Sections

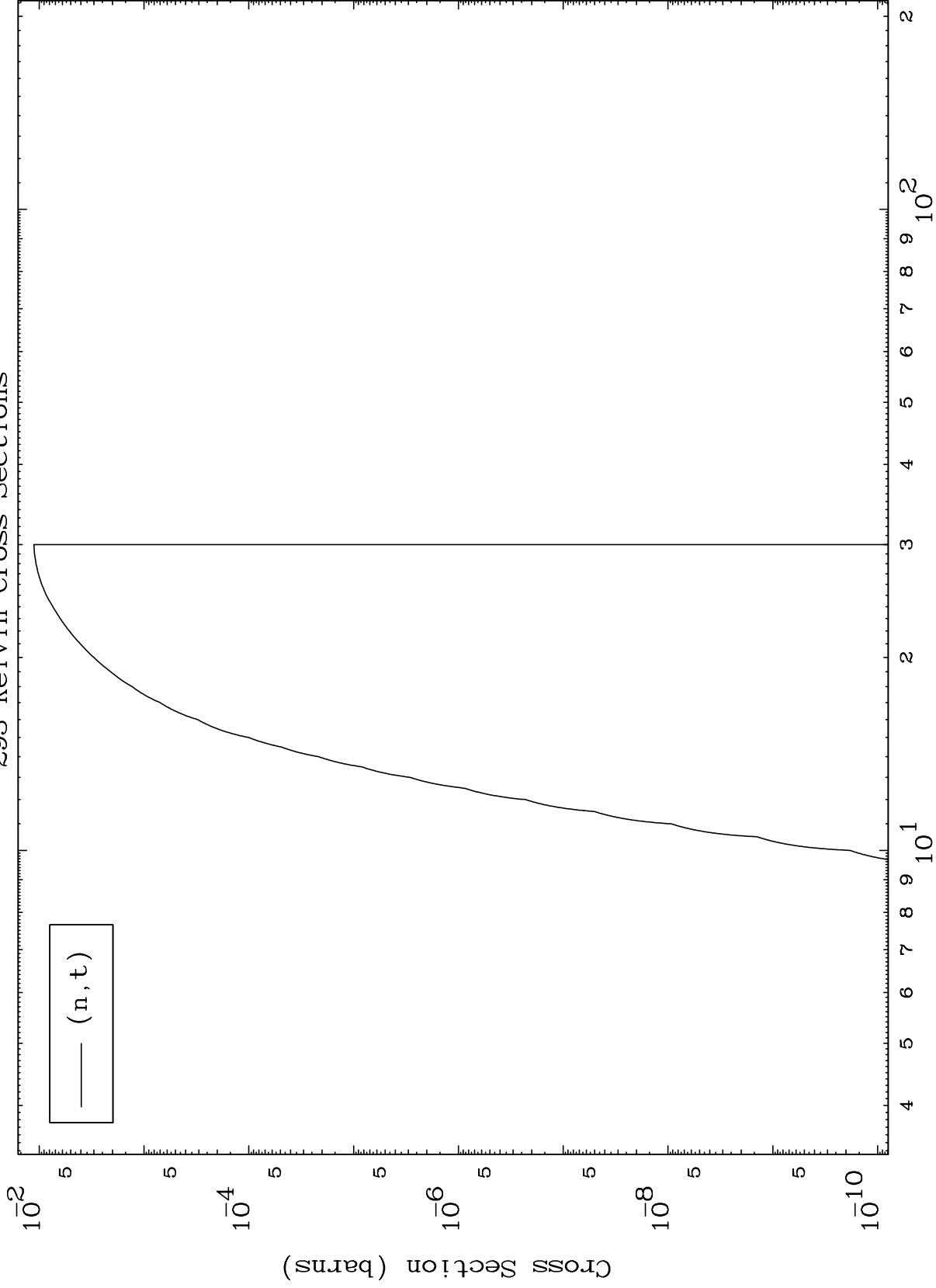
81-Tl-191



MAT 8089

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-191



12

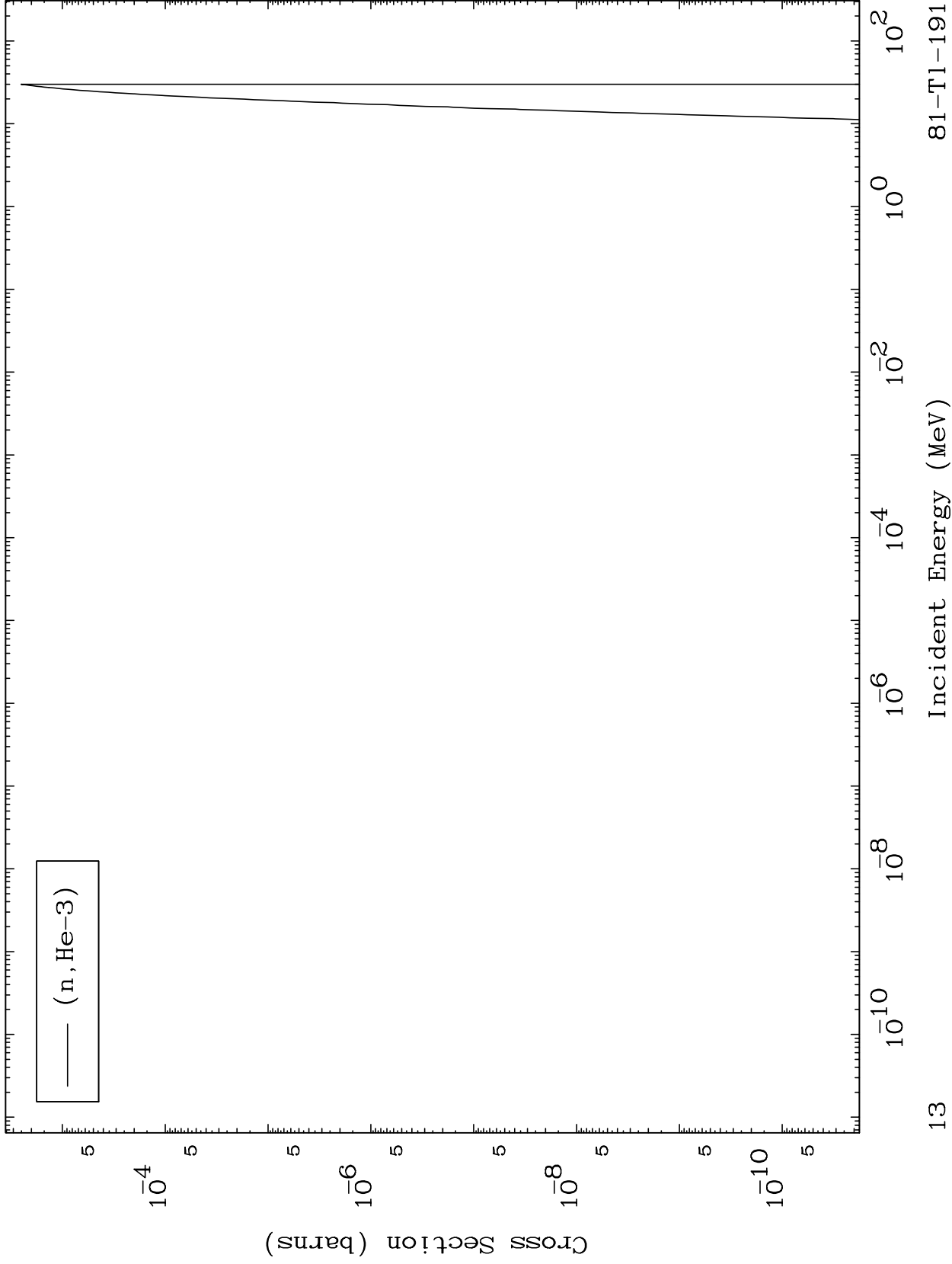
Incident Energy (MeV)

81-Tl-191

MAT 8089

(n,He3) Levels
293 Kelvin Cross Sections

81-Tl-191



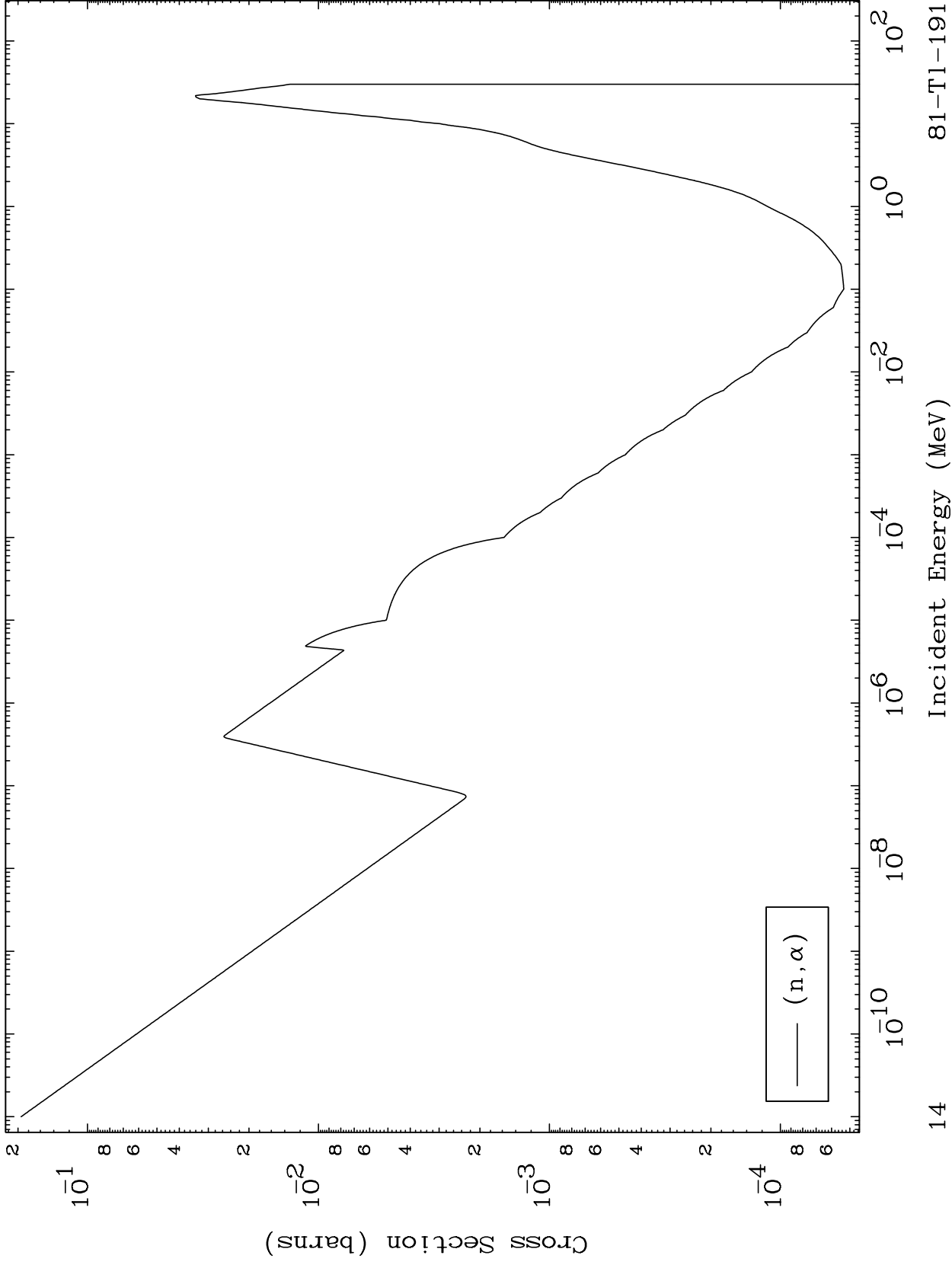
13

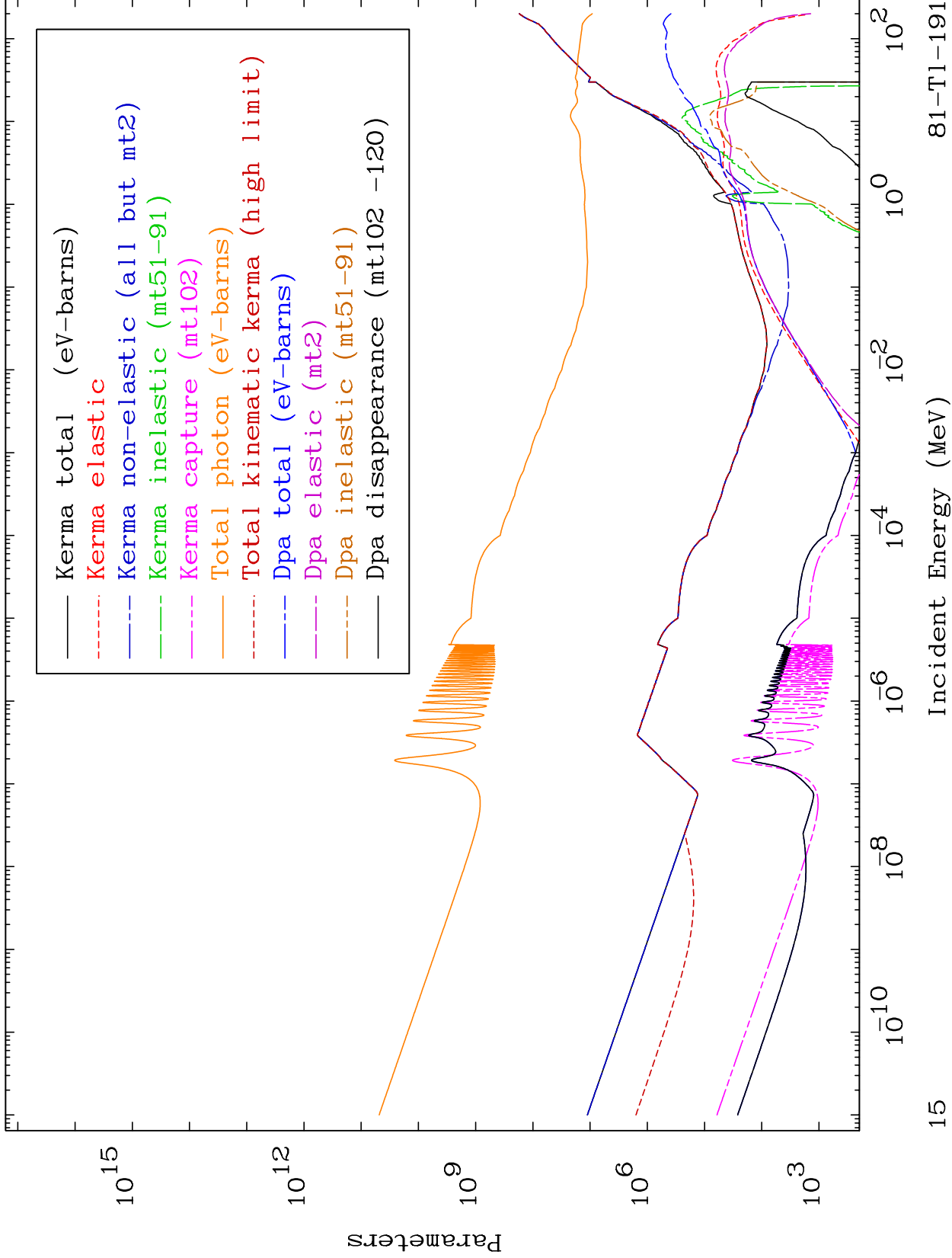
81-Tl-191

MAT 8089

(n,α) Levels
293 Kelvin Cross Sections

81-Tl-191

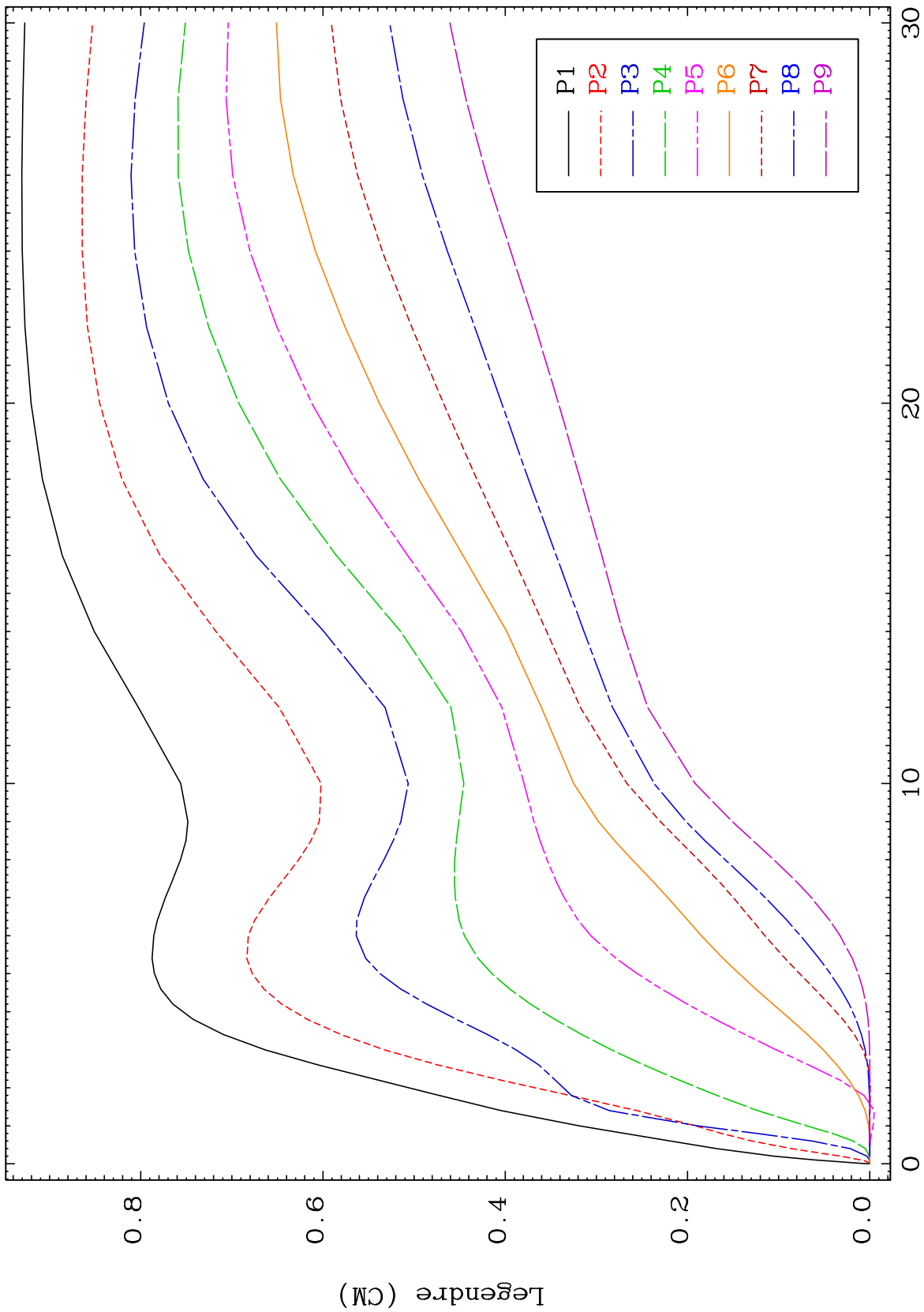




MAT 8089

Elastic Legendre Coefficients

81-Tl-191



16

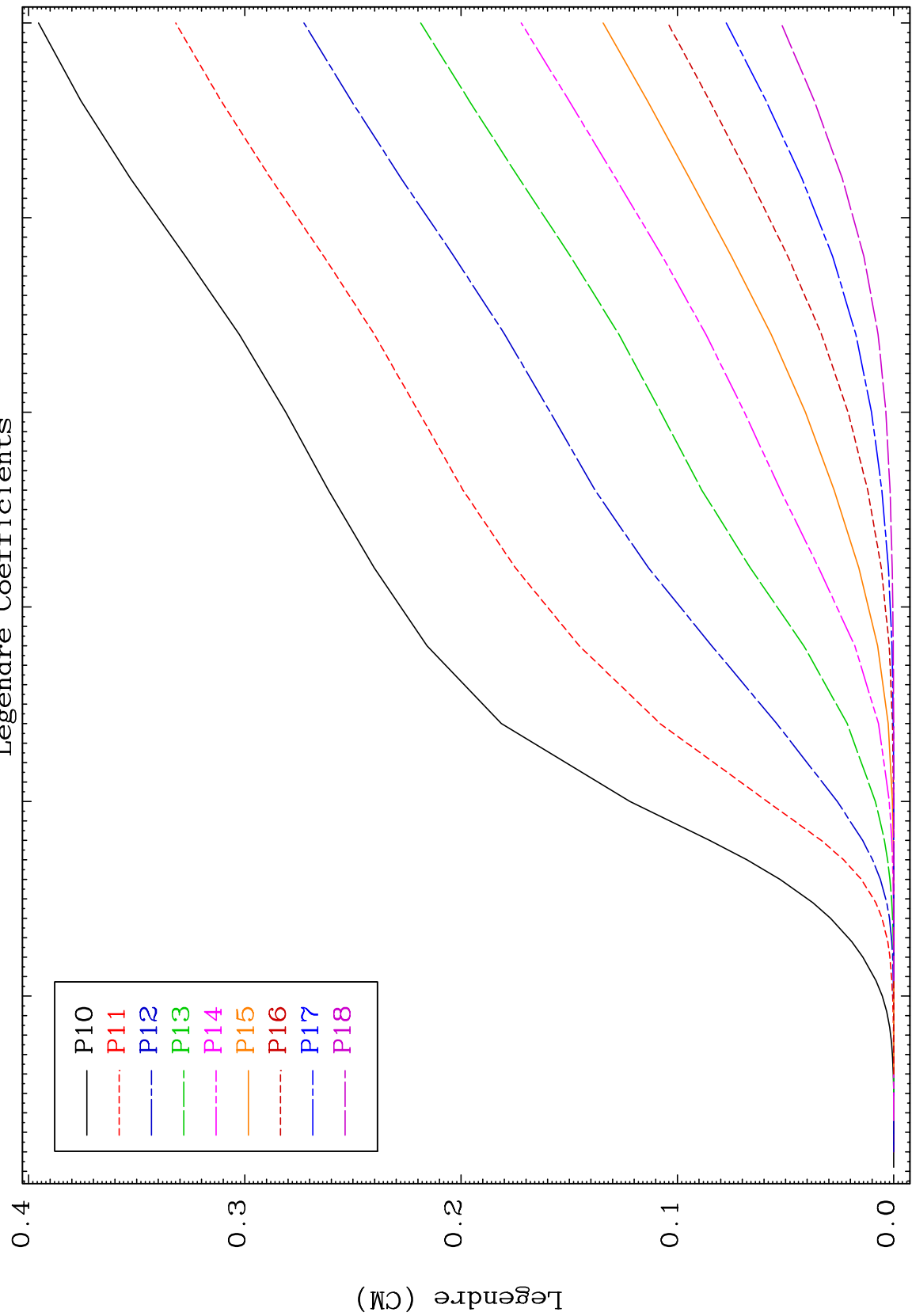
Incident Energy (MeV)

81-Tl-191

MAT 8089

Elastic Legendre Coefficients

81-Tl-191



17

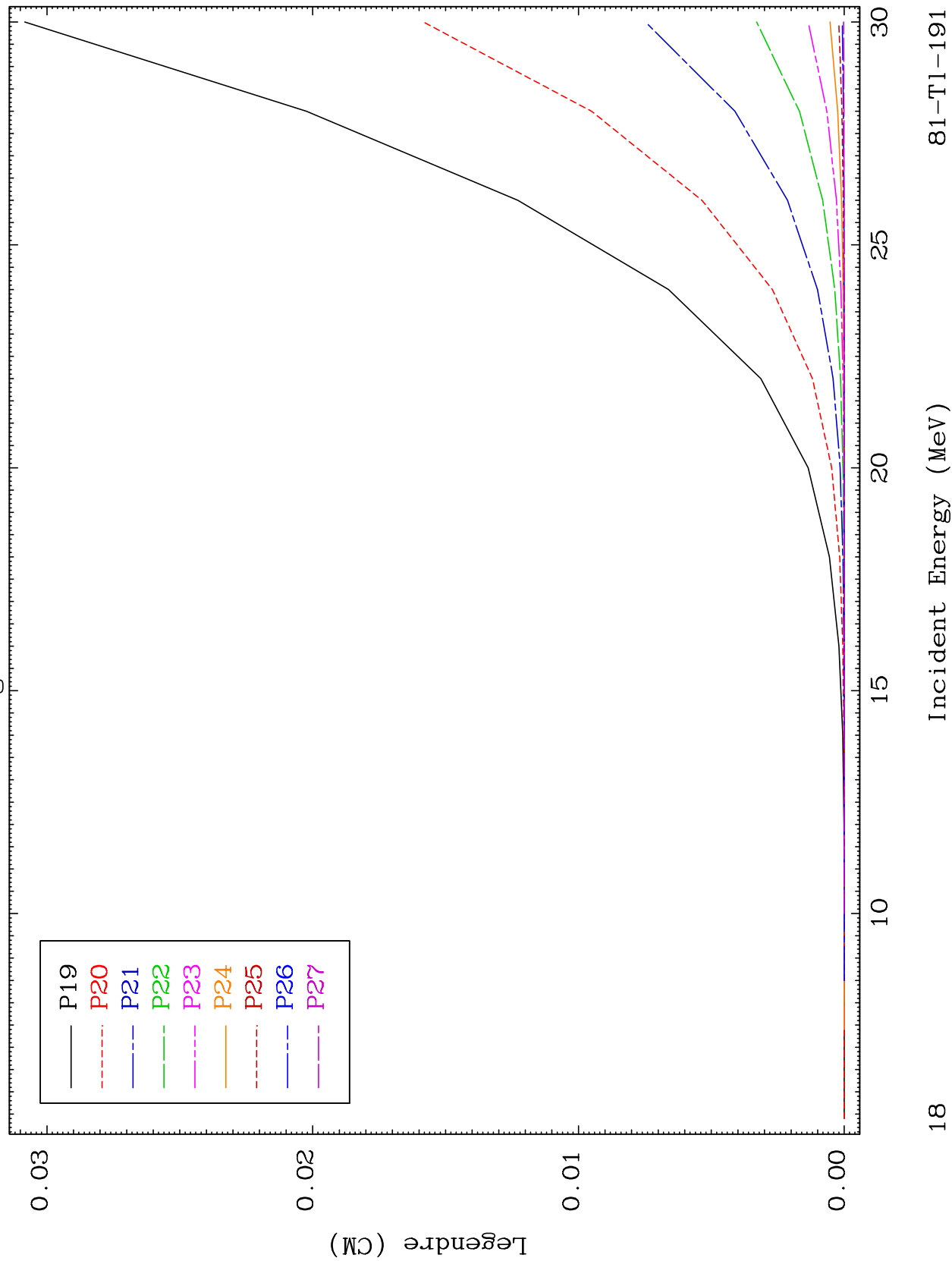
Incident Energy (MeV)

81-Tl-191

MAT 8089

Elastic Legendre Coefficients

81-Tl-191



18

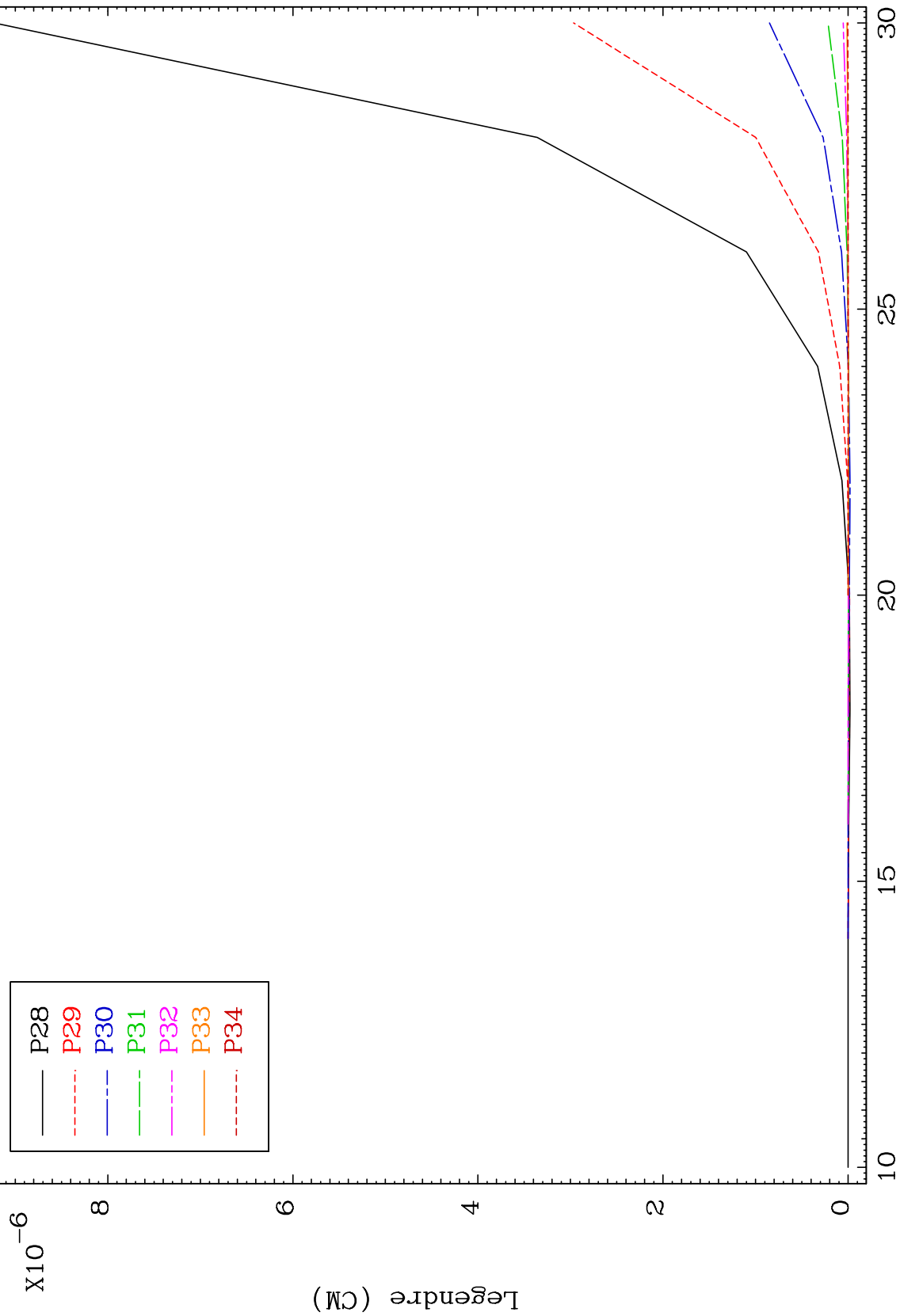
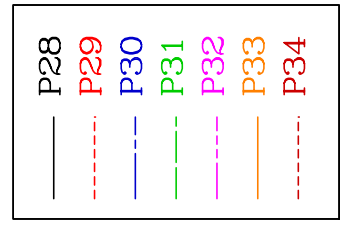
Incident Energy (MeV)

81-Tl-191

MAT 8089

Elastic Legendre Coefficients

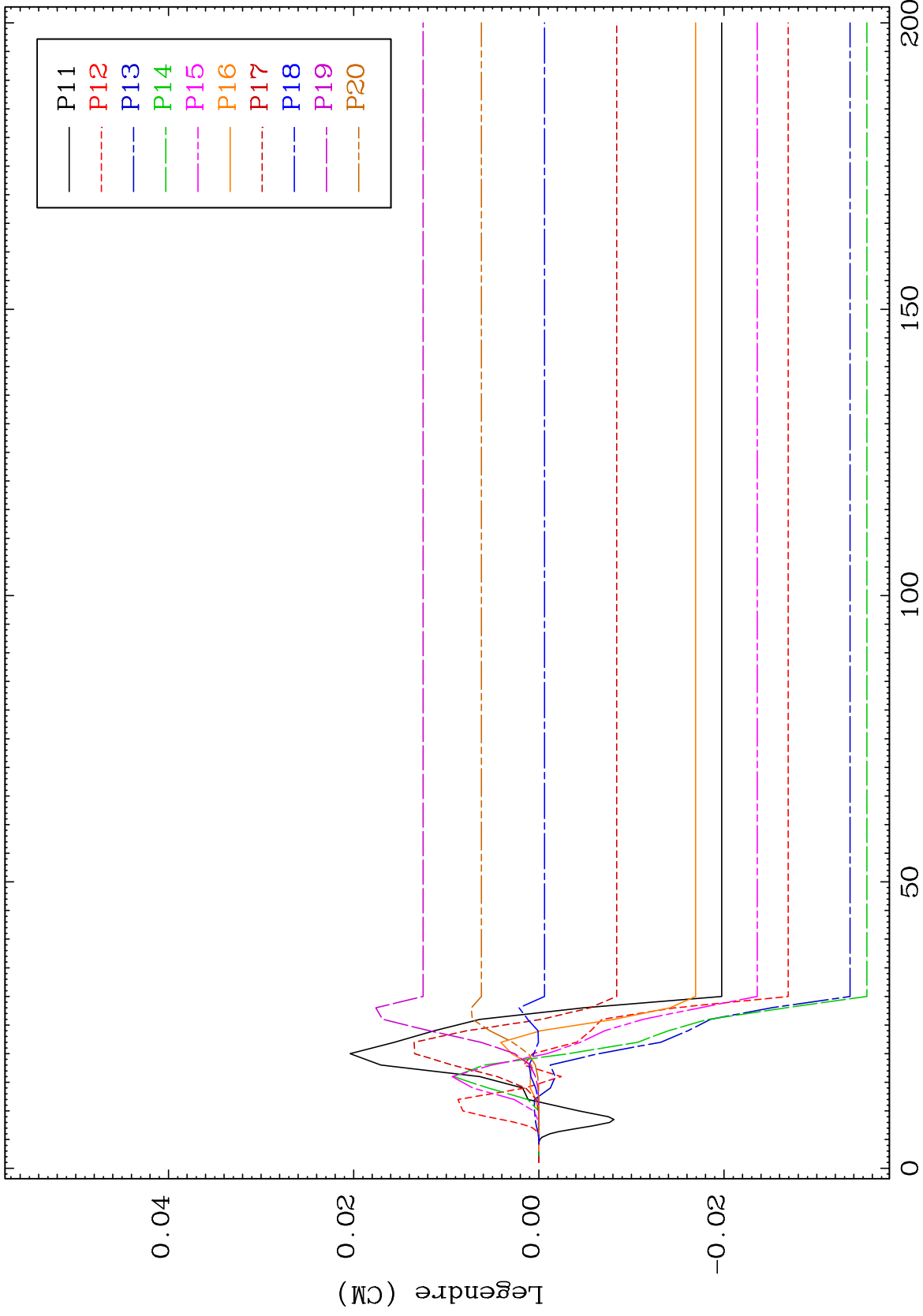
81-Tl-191

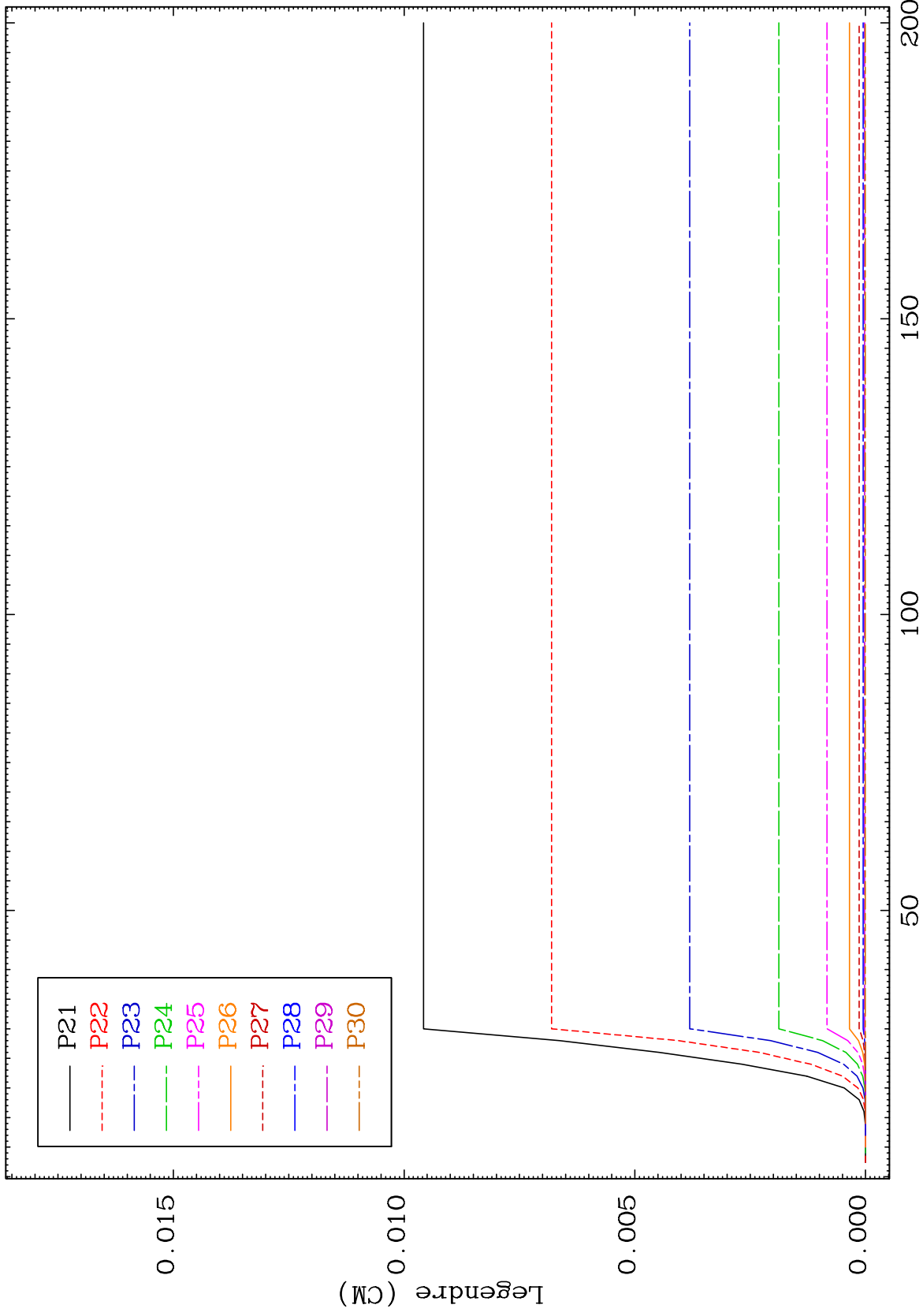


19

Incident Energy (MeV)

81-Tl-191

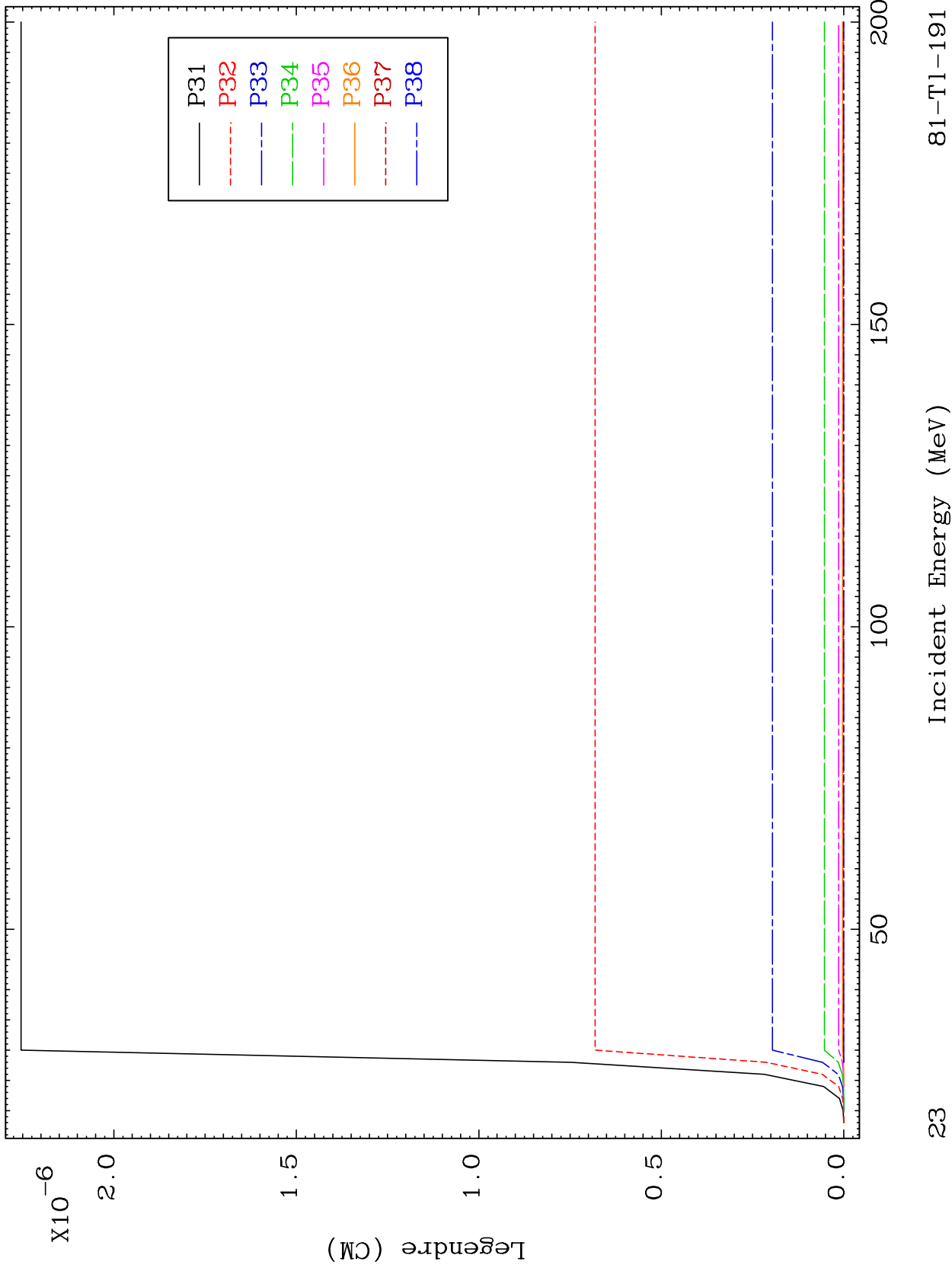




MAT 8089

341.2 keV (n,n') Level
Legendre Coefficients

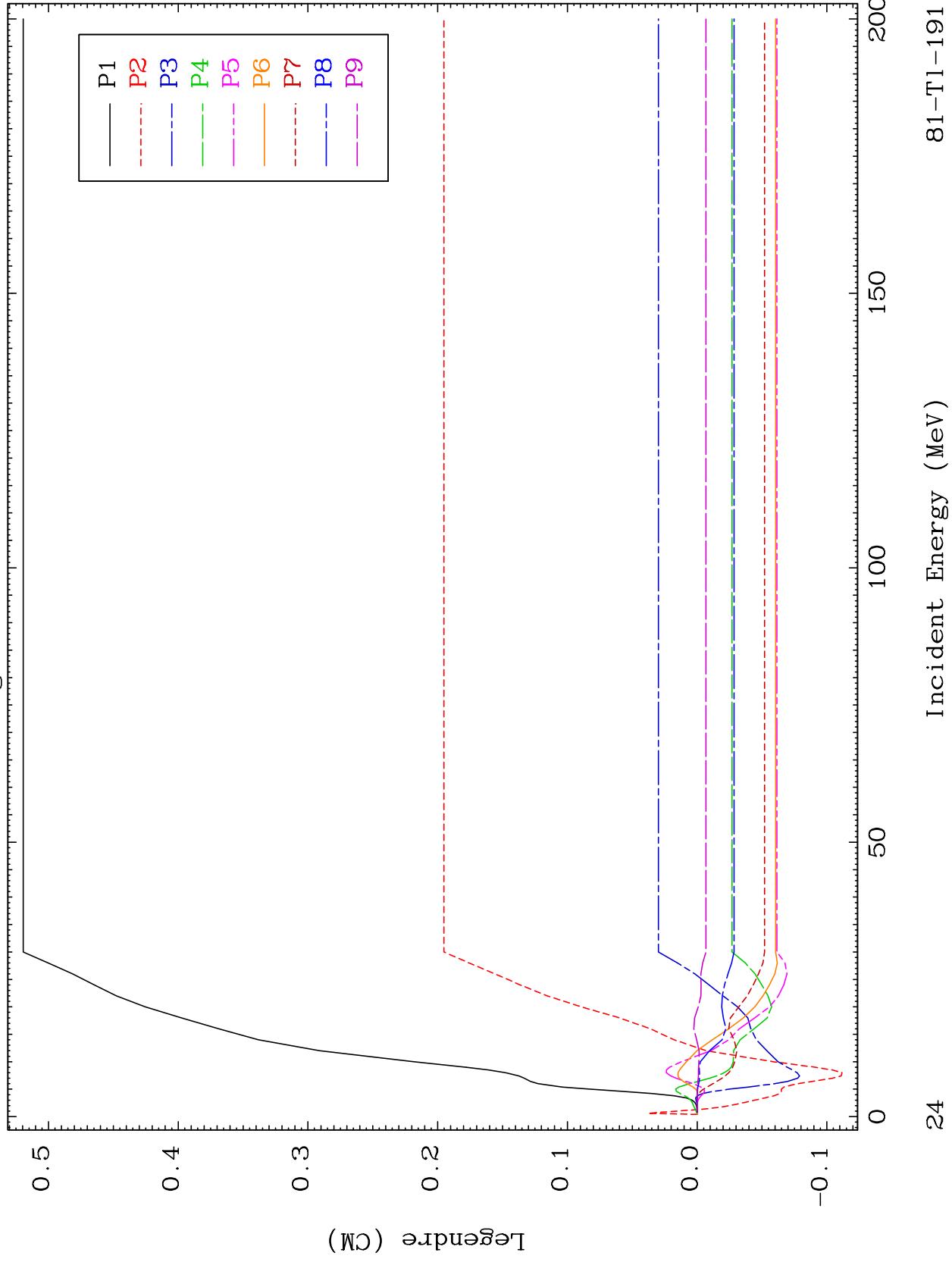
81-Tl-191

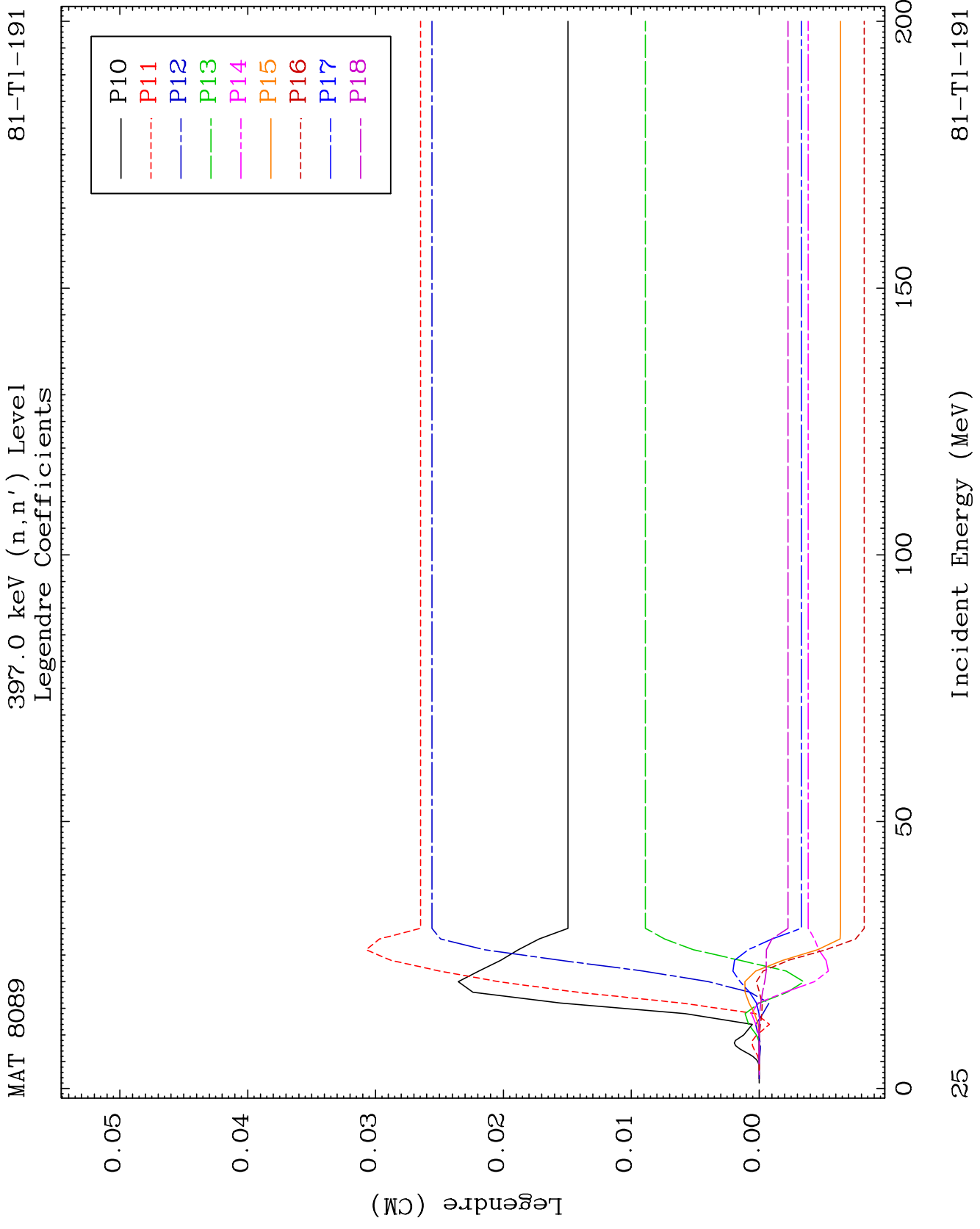


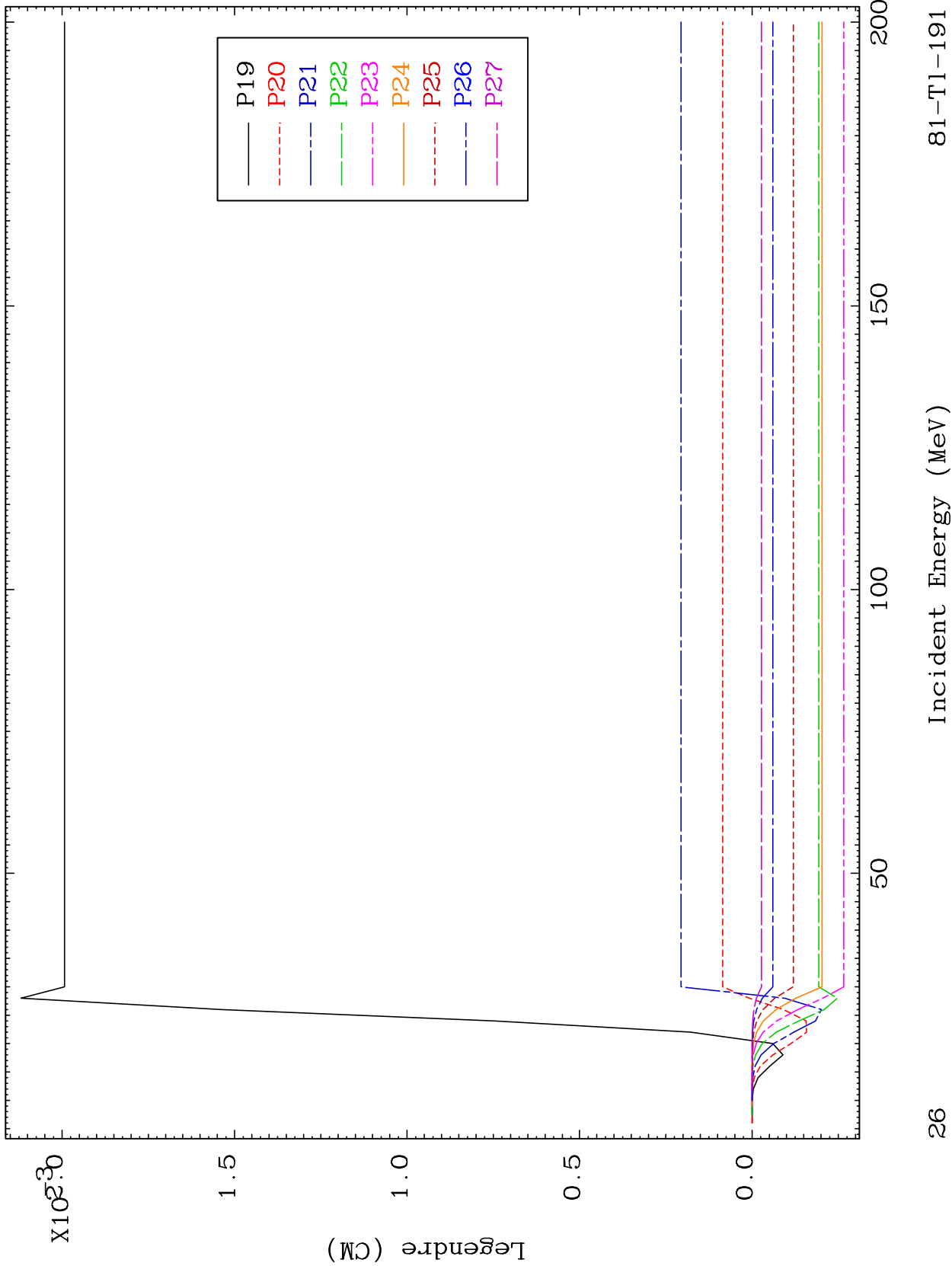
MAT 8089

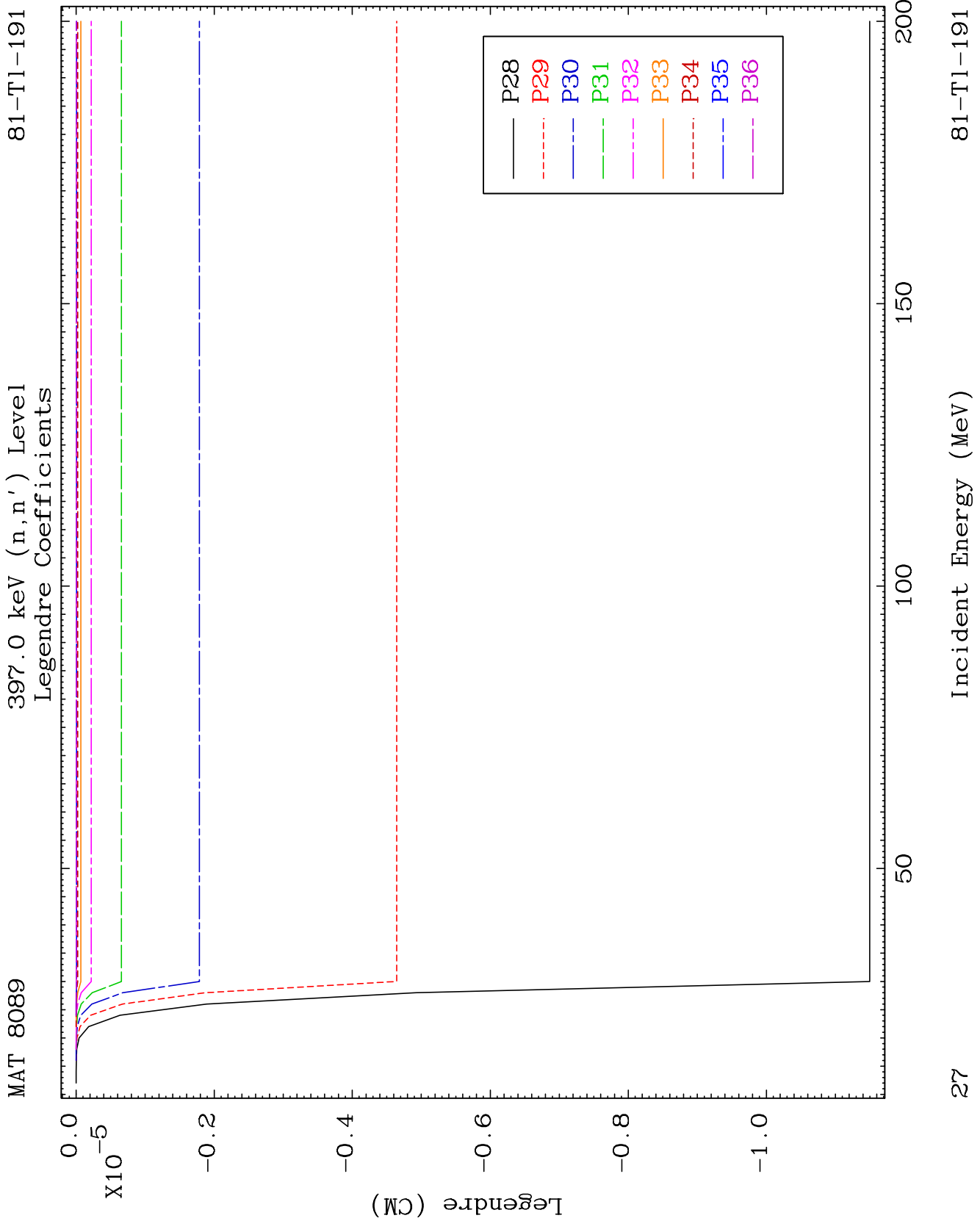
397.0 keV (n,n') Level
Legendre Coefficients

81-Tl-191





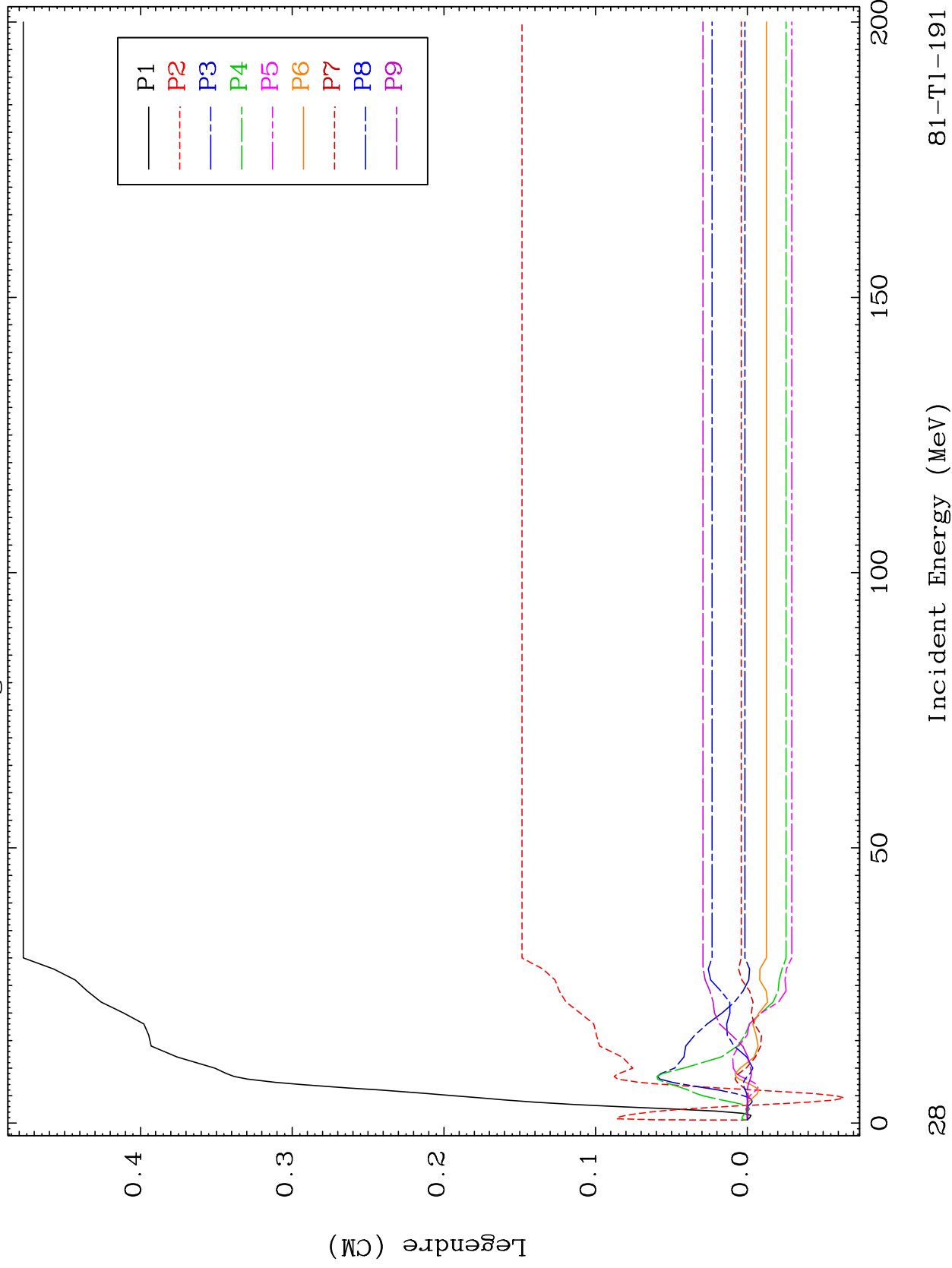




MAT 8089

552.9 keV (n,n') Level
Legendre Coefficients

81-Tl-191



81-Tl-191

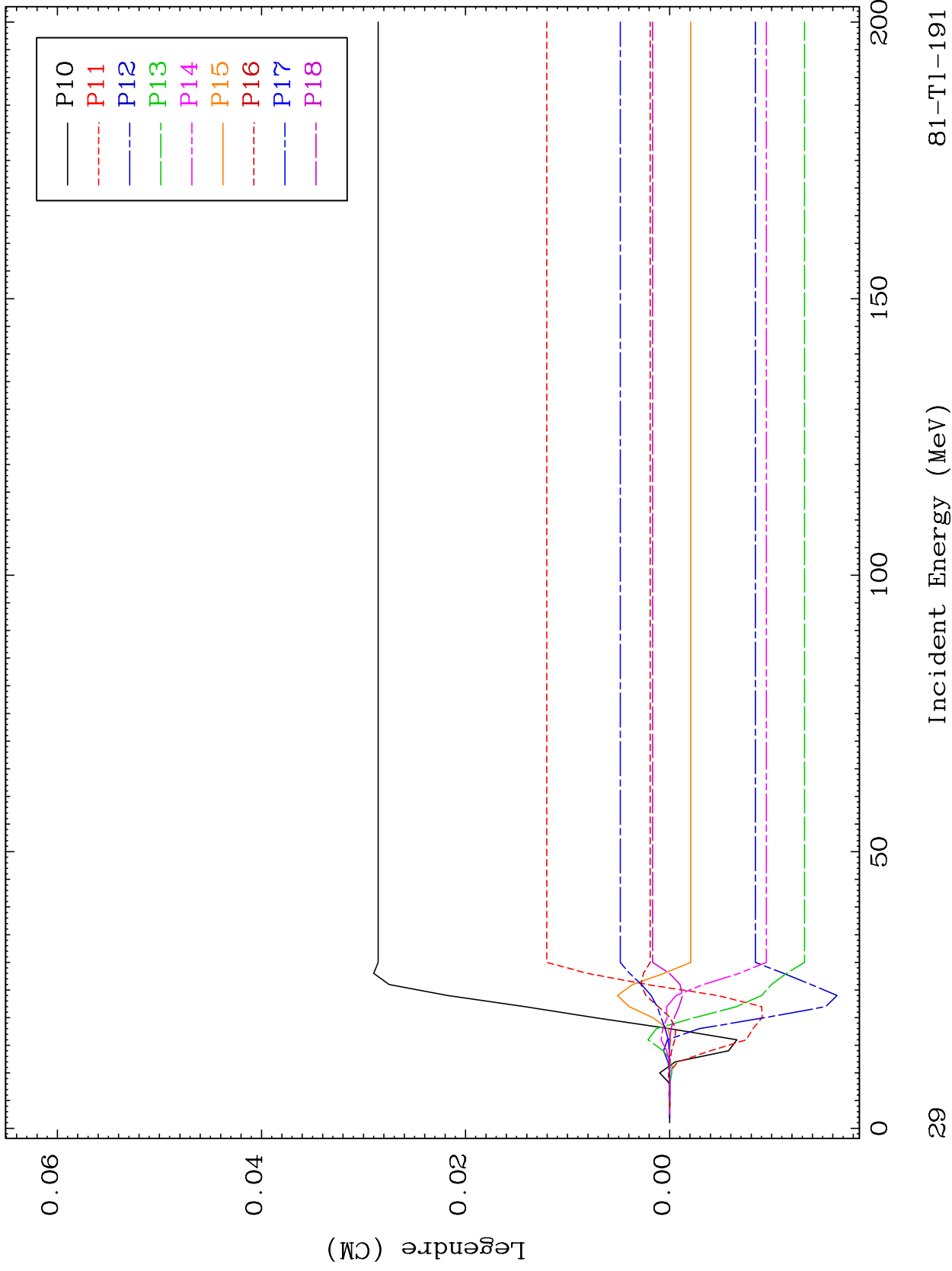
Incident Energy (MeV)

28

MAT 8089

552.9 keV (n,n') Level
Legendre Coefficients

81-Tl-191



29

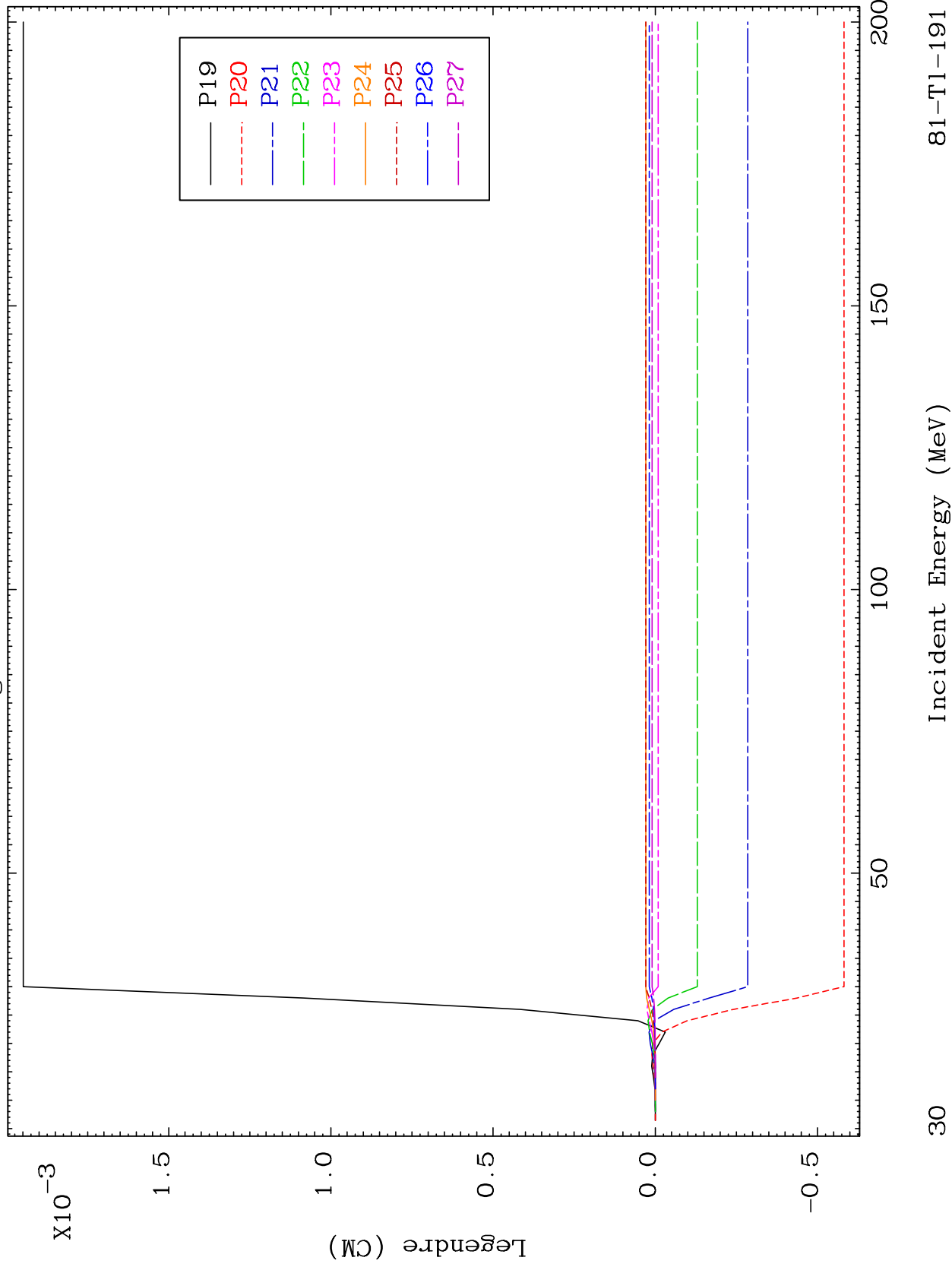
Incident Energy (MeV)

81-Tl-191

MAT 8089

552.9 keV (n,n') Level
Legendre Coefficients

81-Tl-191



81-Tl-191

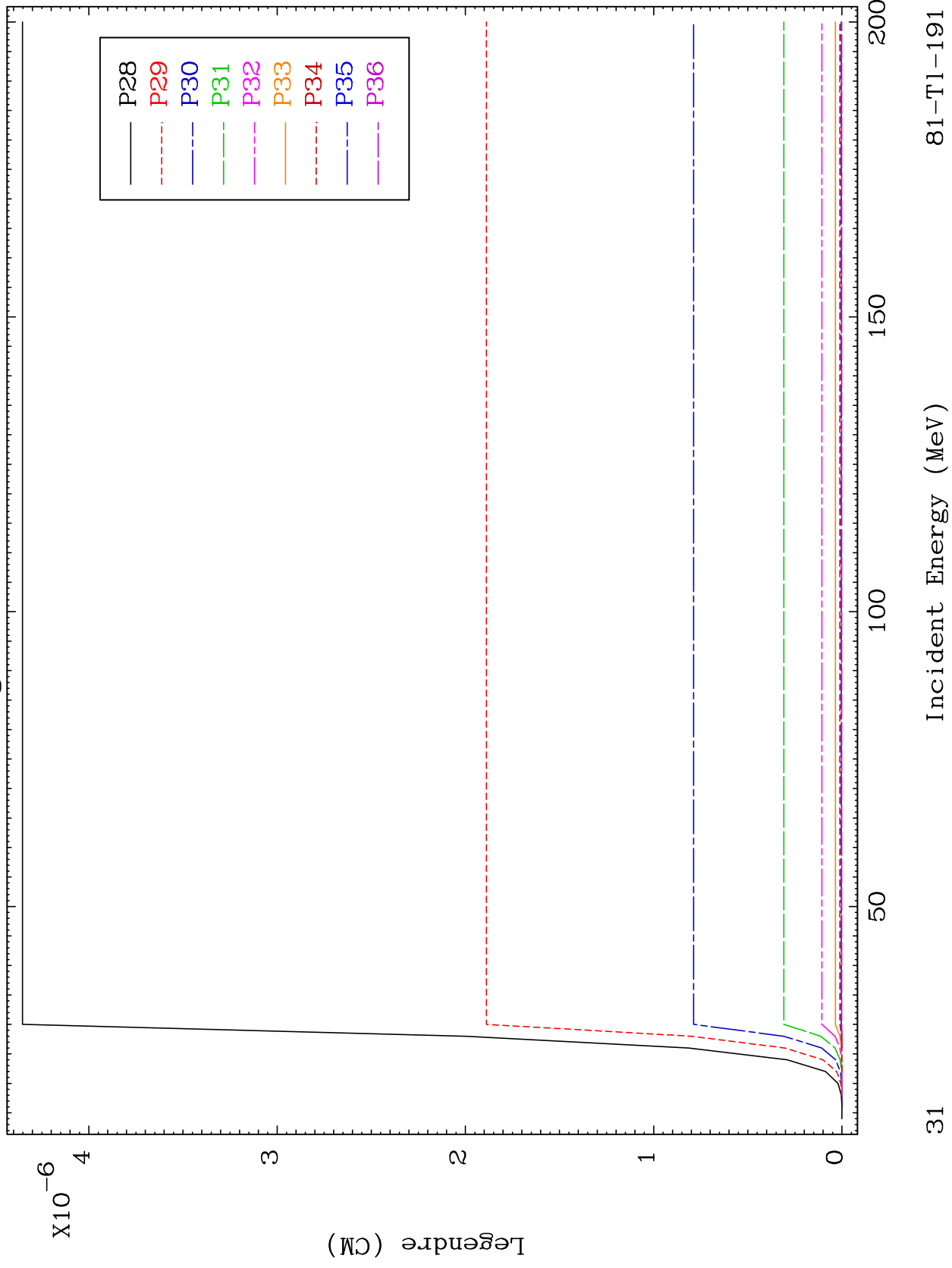
Incident Energy (MeV)

30

MAT 8089

552.9 keV (n,n') Level
Legendre Coefficients

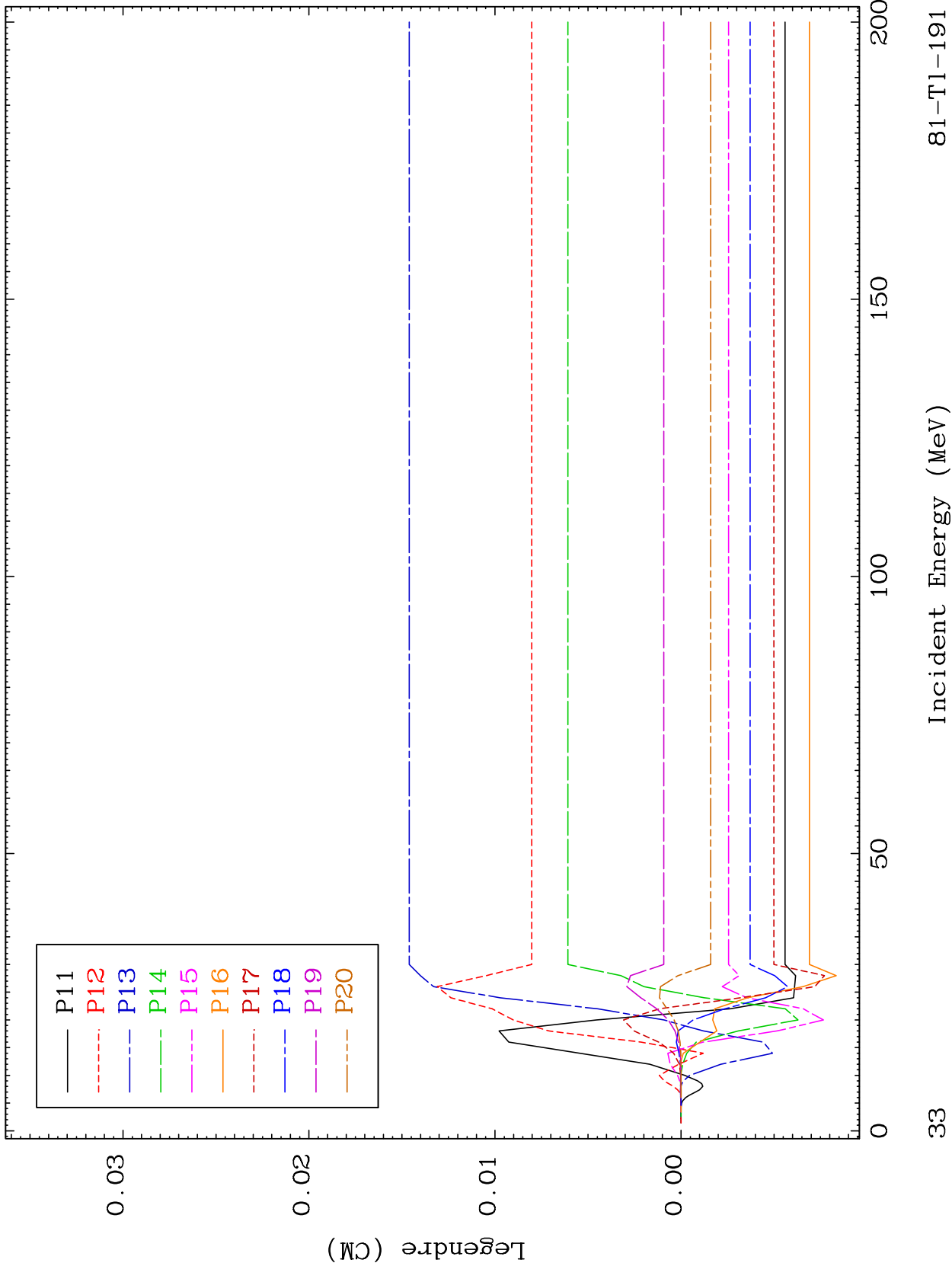
81-Tl-191



31

Incident Energy (MeV)

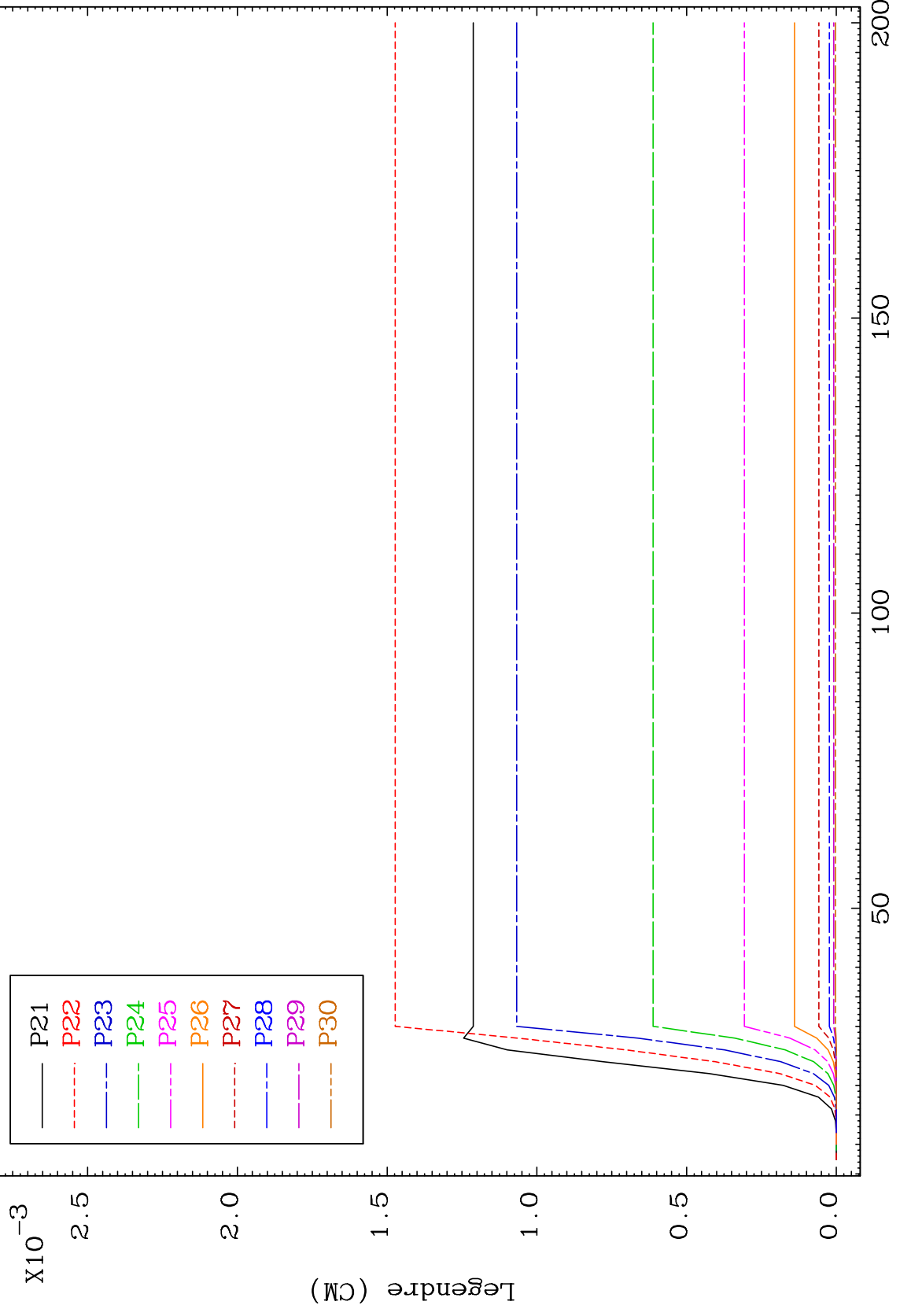
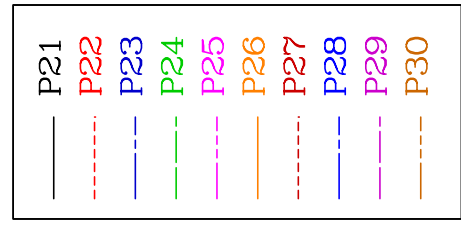
81-Tl-191



MAT 8089

602.2 keV (n,n') Level
Legendre Coefficients

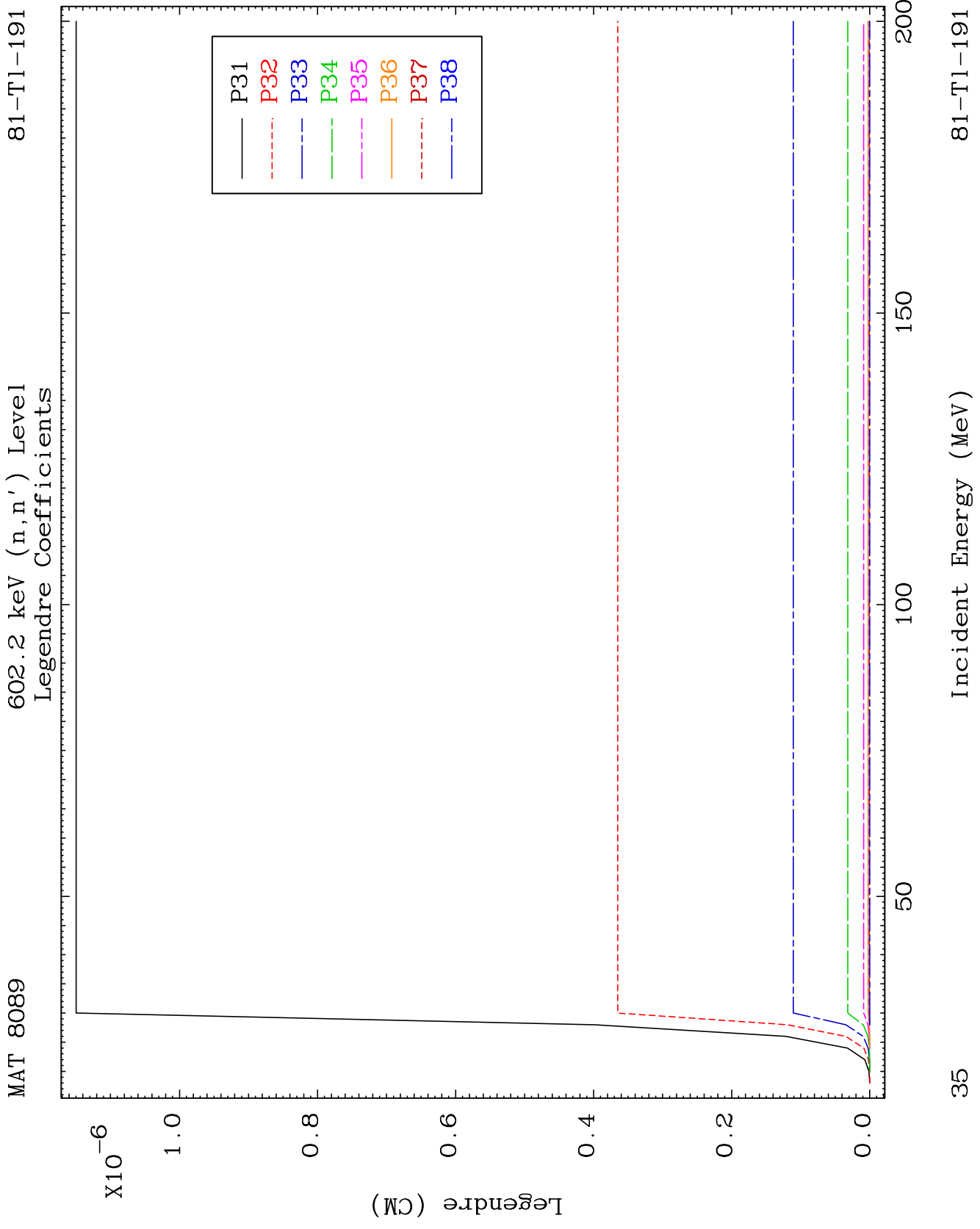
81-Tl-191

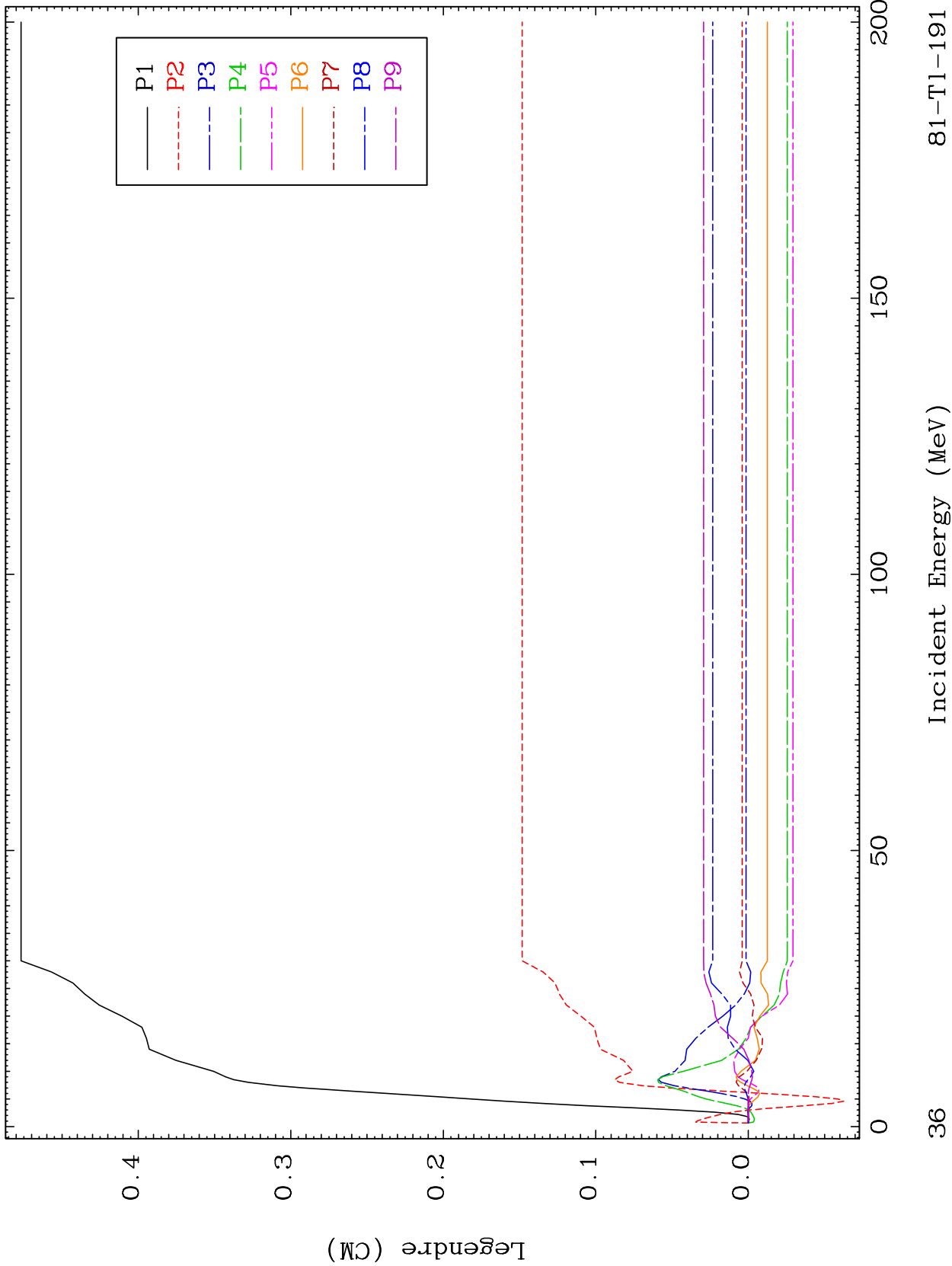


34

Incident Energy (MeV)

81-Tl-191

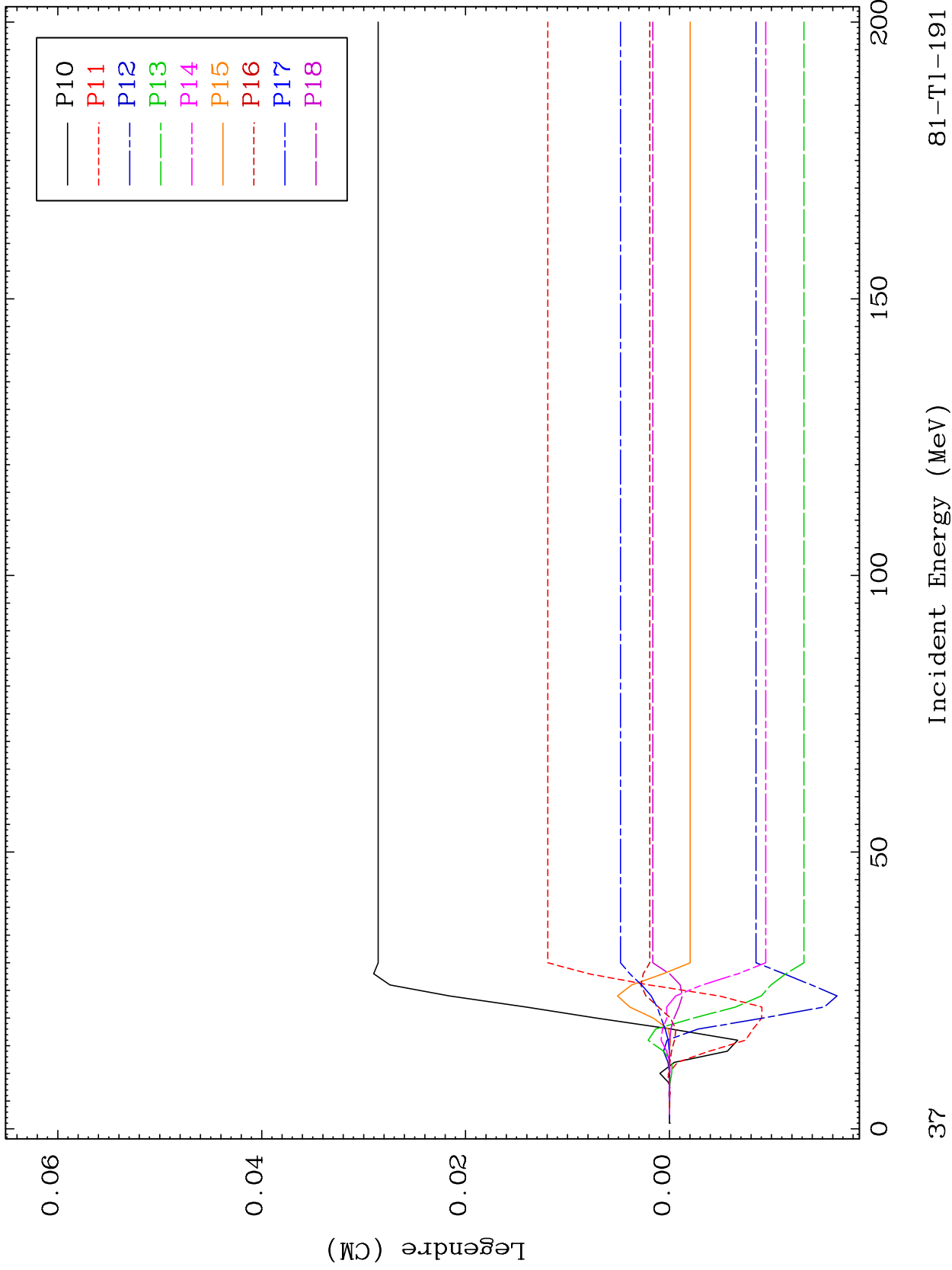




MAT 8089

638.9 keV (n,n') Level
Legendre Coefficients

81-Tl-191



37

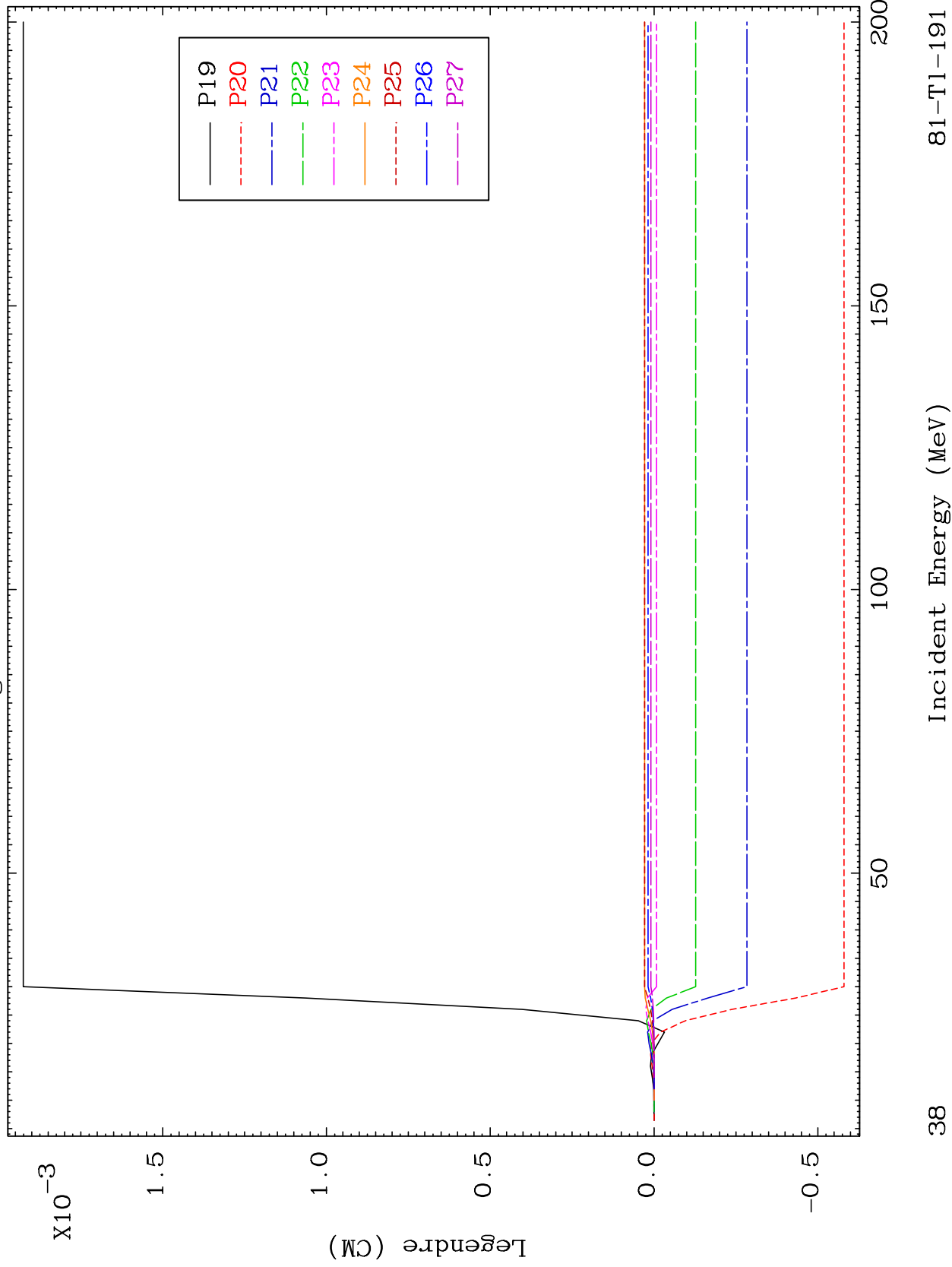
Incident Energy (MeV)

81-Tl-191

MAT 8089

638.9 keV (n,n') Level
Legendre Coefficients

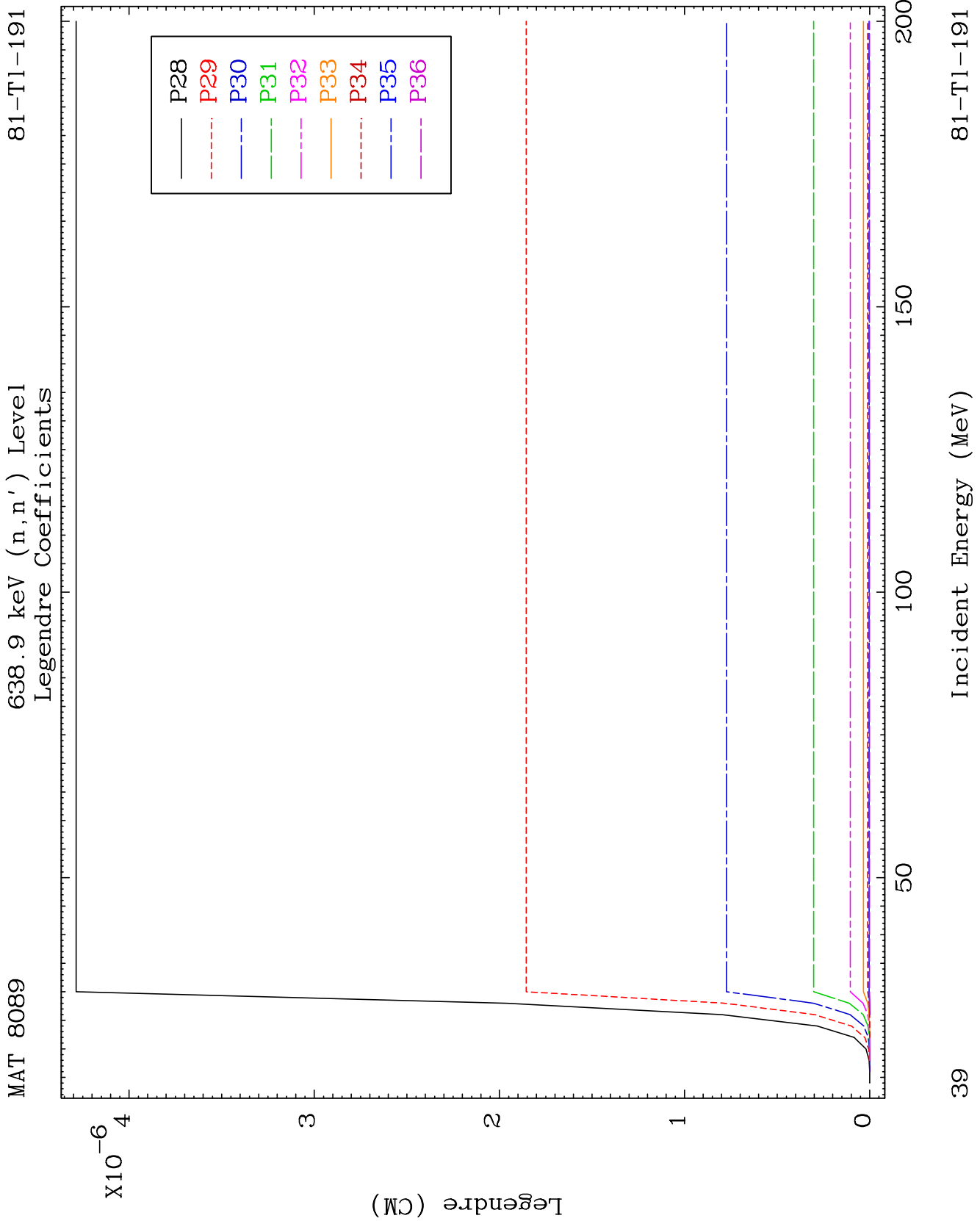
81-Tl-191



38

Incident Energy (MeV)

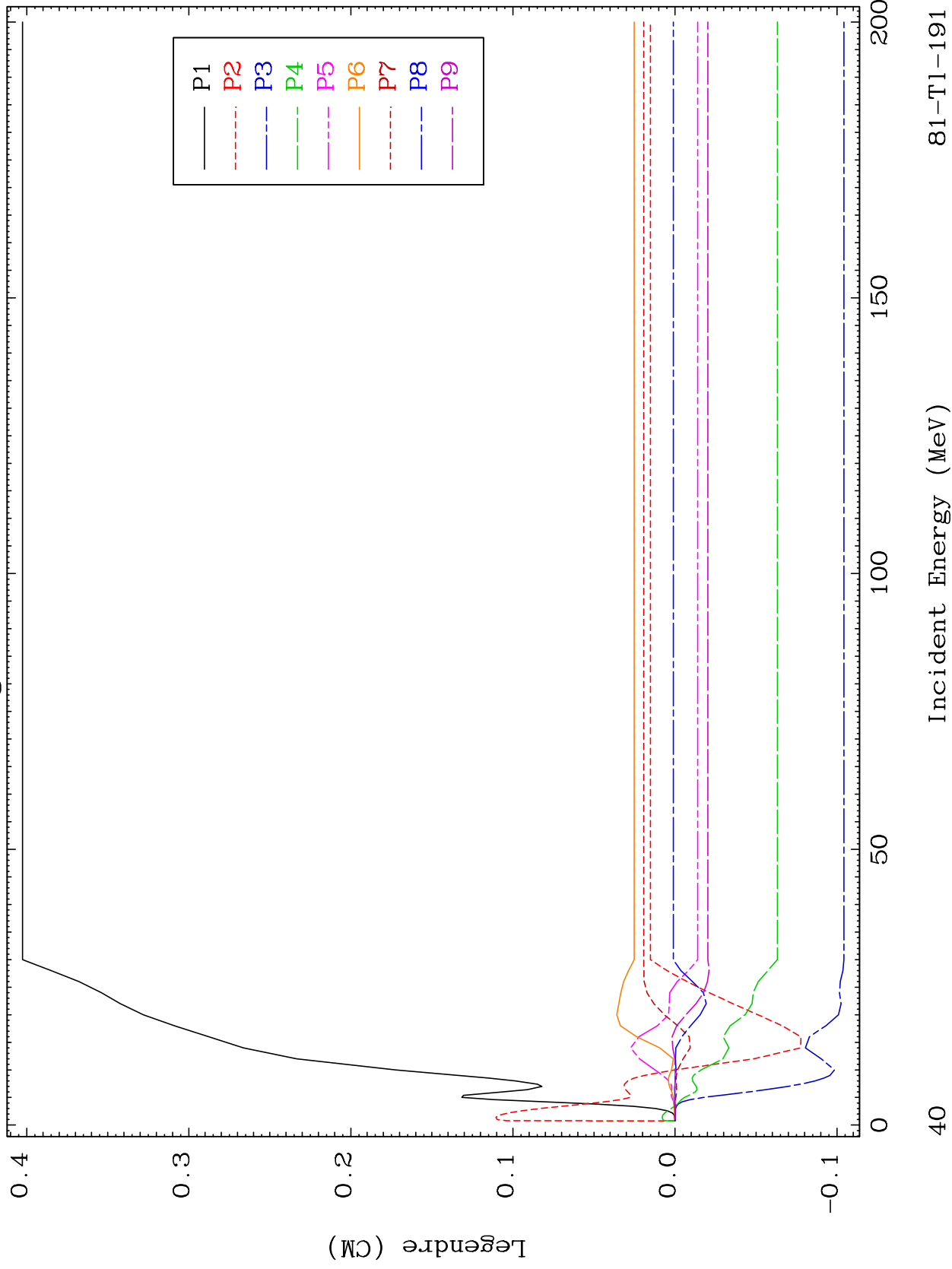
81-Tl-191



MAT 8089

736.0 keV (n,n') Level
Legendre Coefficients

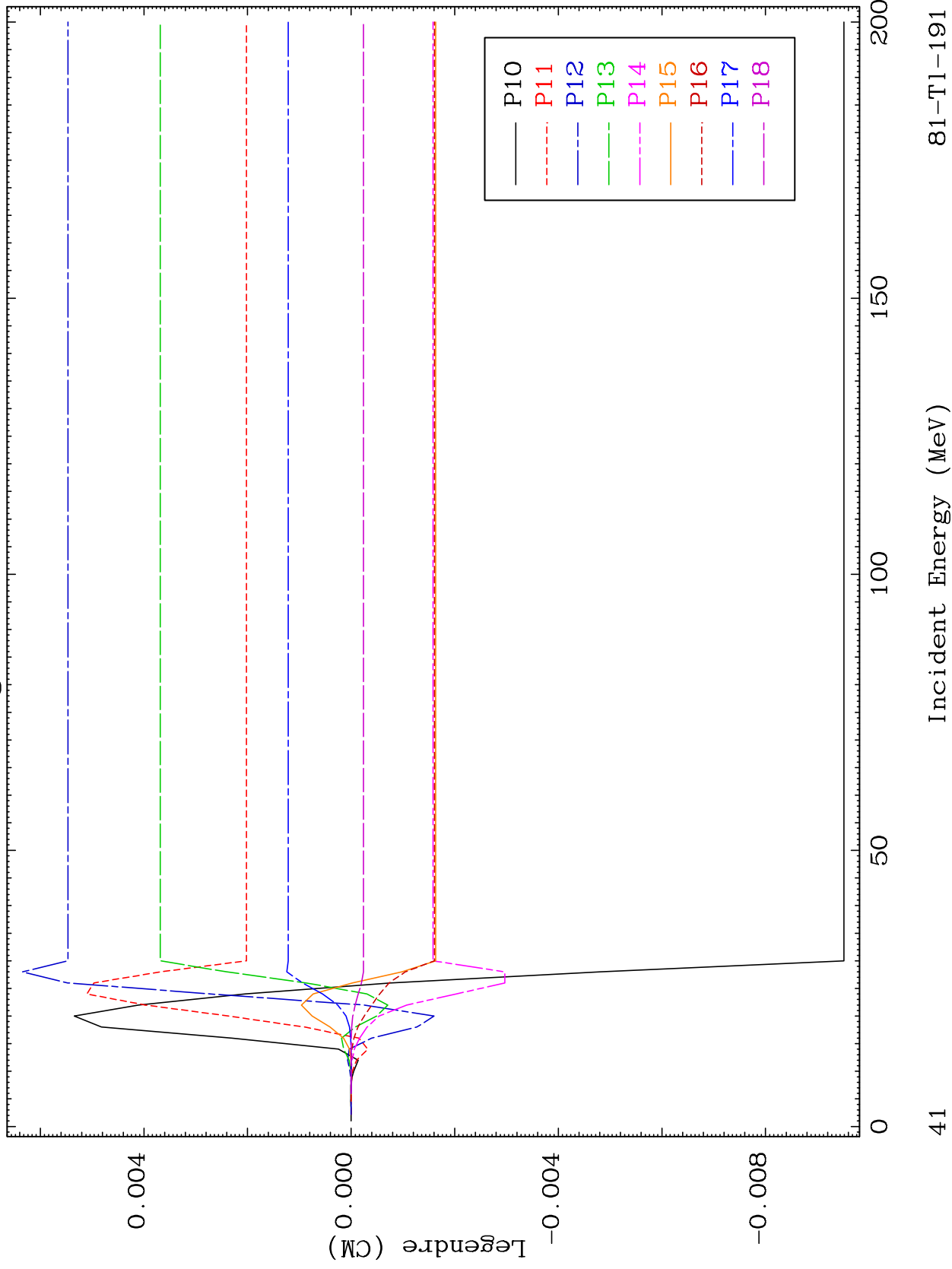
81-T1-191



MAT 8089

736.0 keV (n,n') Level
Legendre Coefficients

81-Tl-191



41

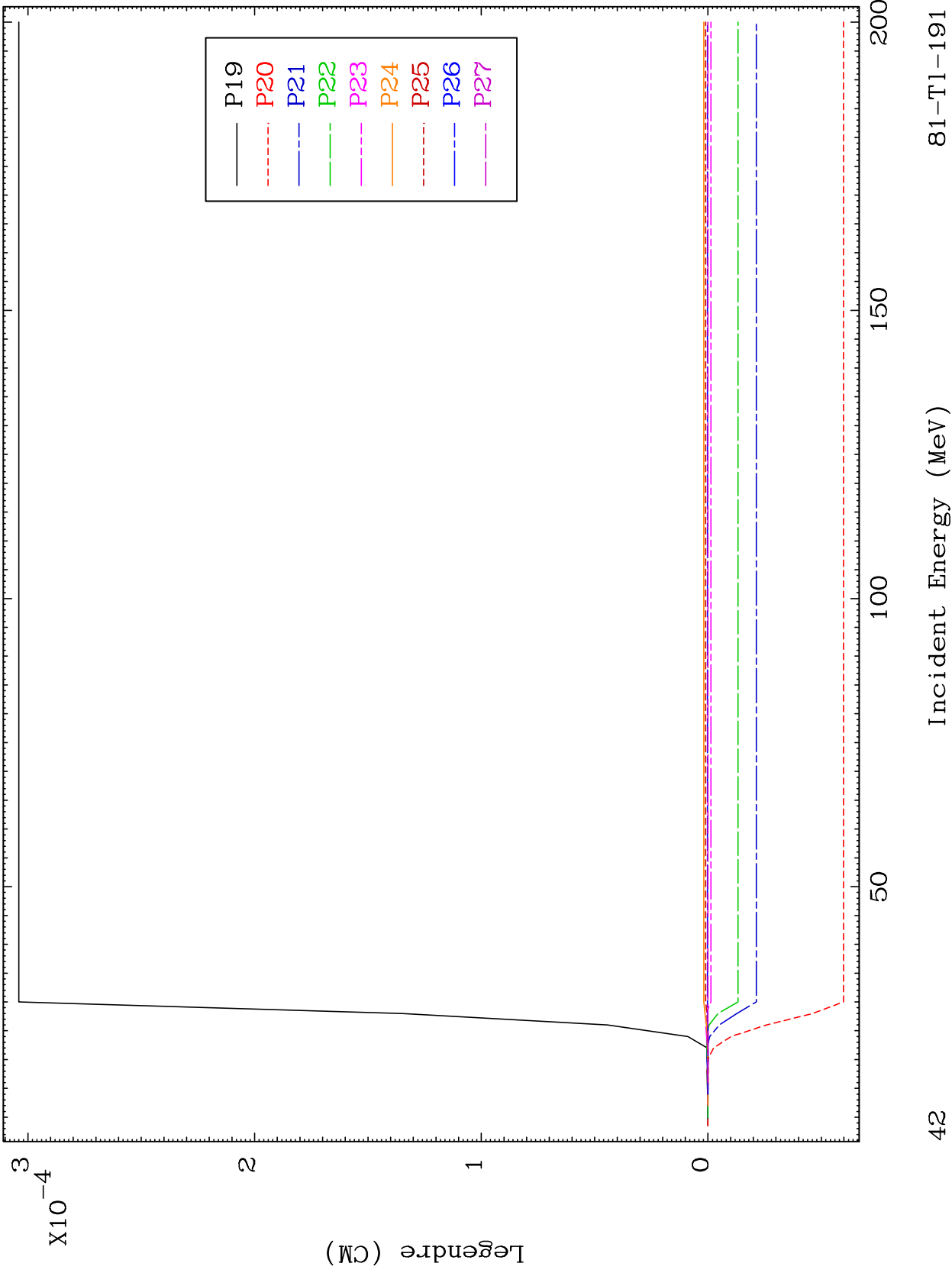
Incident Energy (MeV)

81-Tl-191

MAT 8089

736.0 keV (n,n') Level
Legendre Coefficients

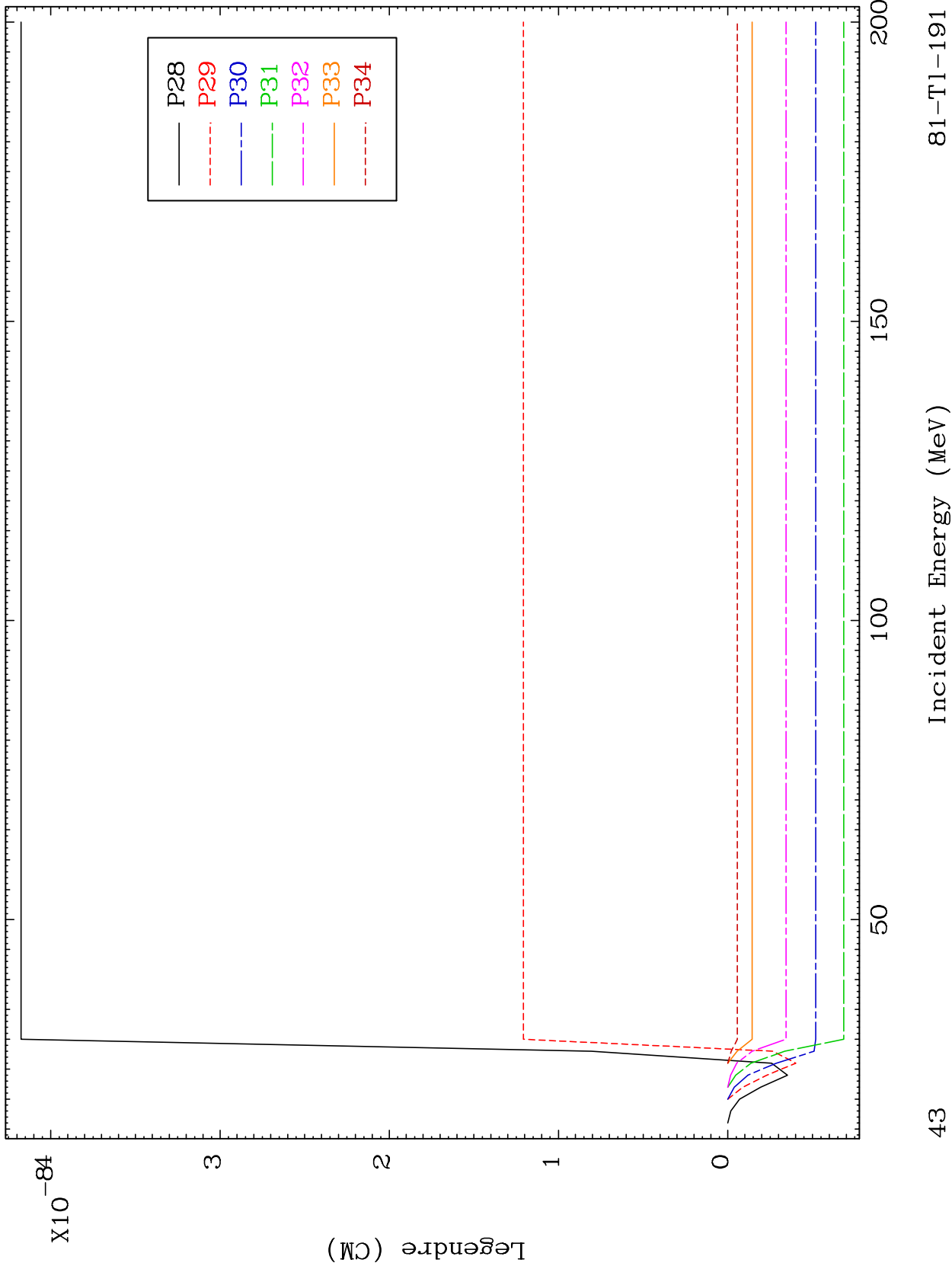
81-Tl-191



42

Incident Energy (MeV)

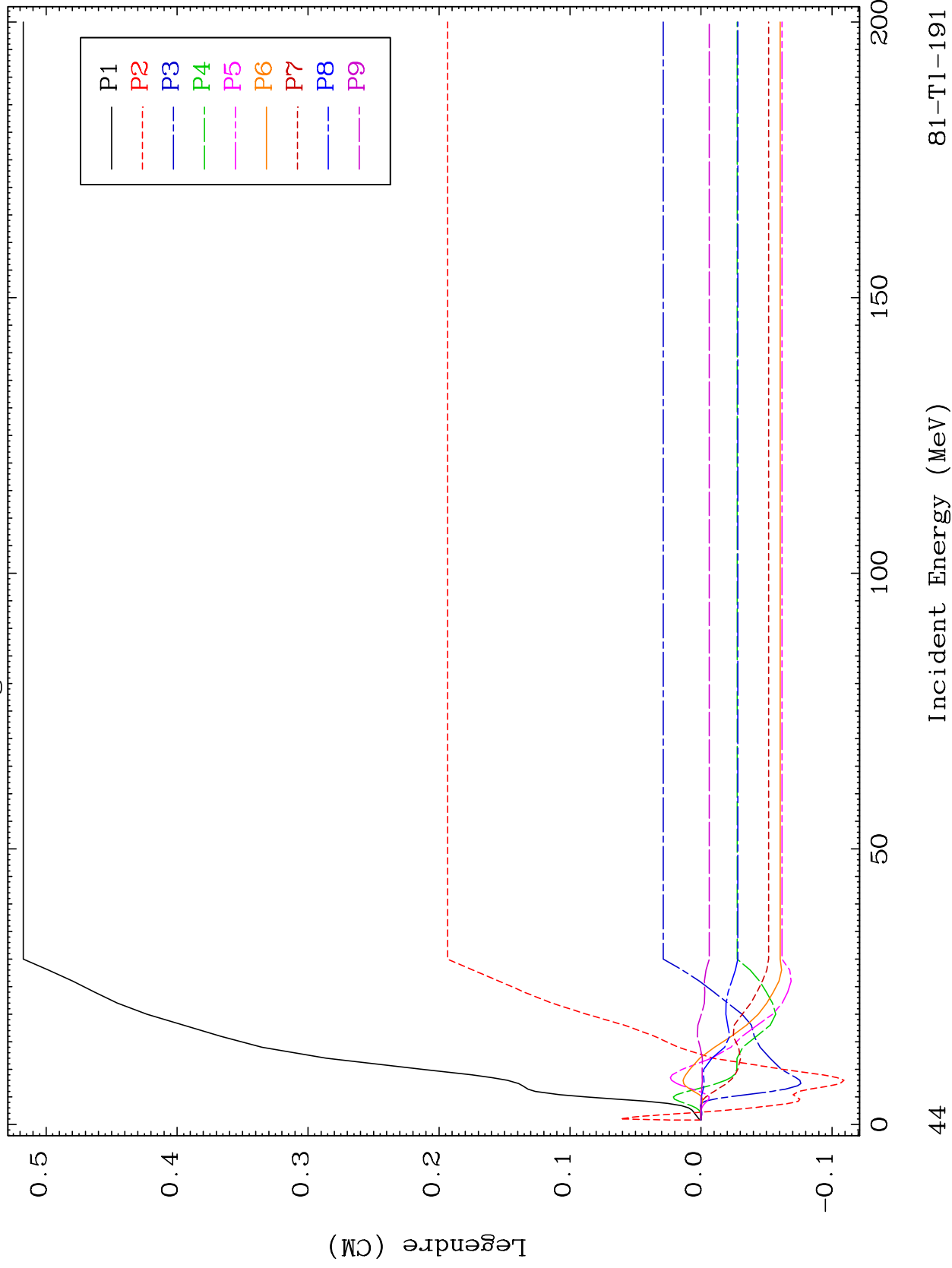
81-Tl-191



MAT 8089

782.0 keV (n,n') Level
Legendre Coefficients

81-Tl-191



81-Tl-191

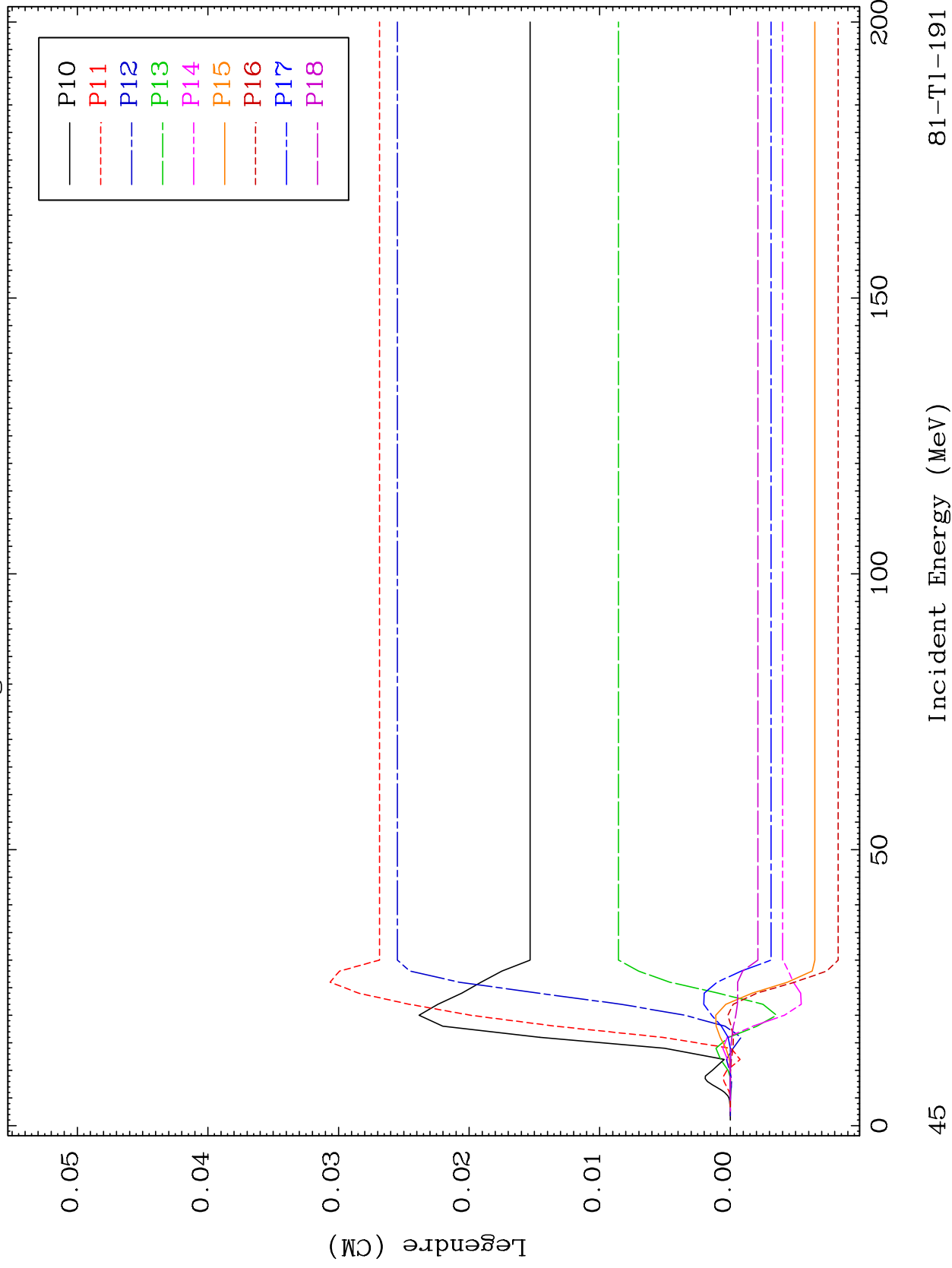
Incident Energy (MeV)

44

MAT 8089

782.0 keV (n,n') Level
Legendre Coefficients

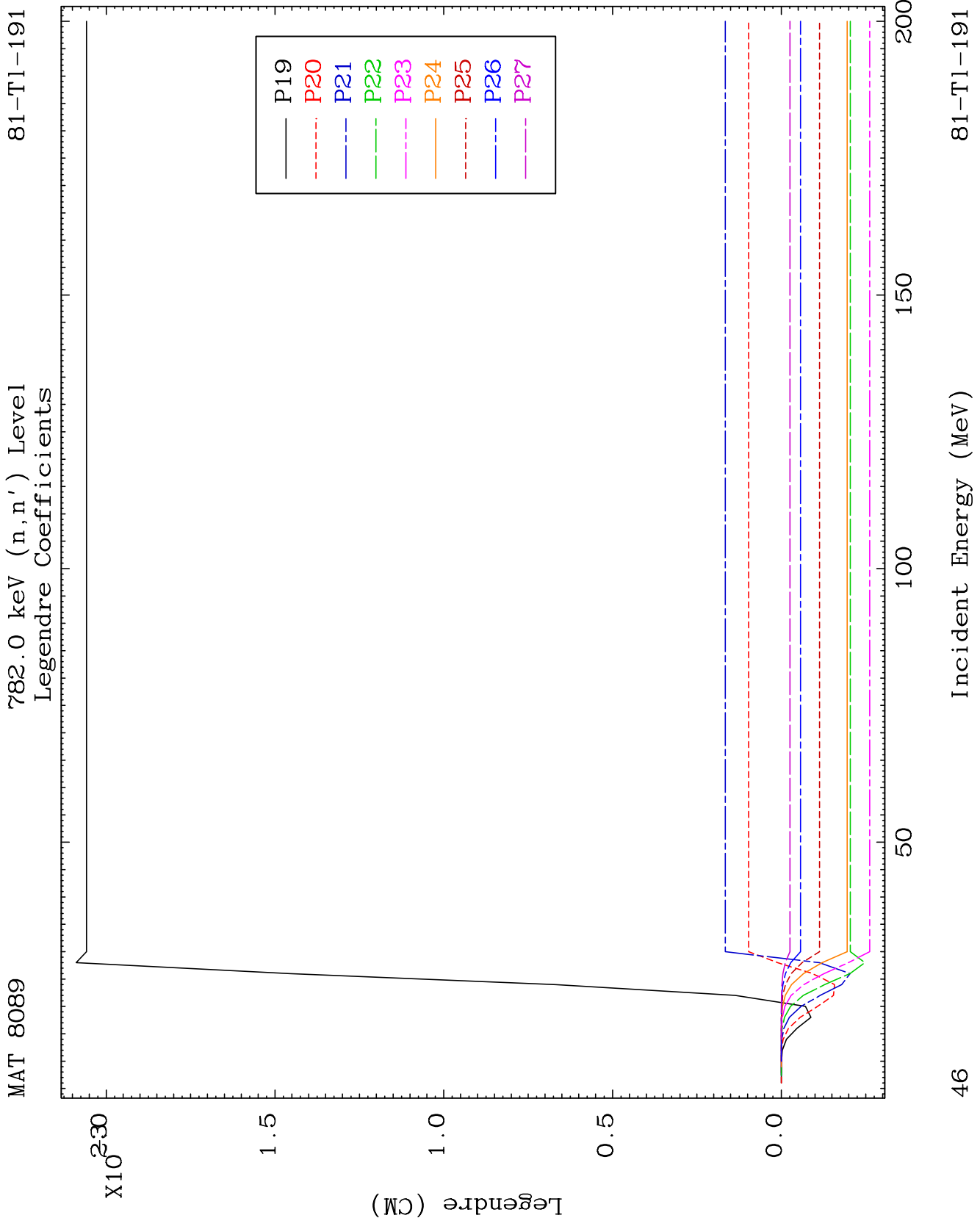
81-Tl-191

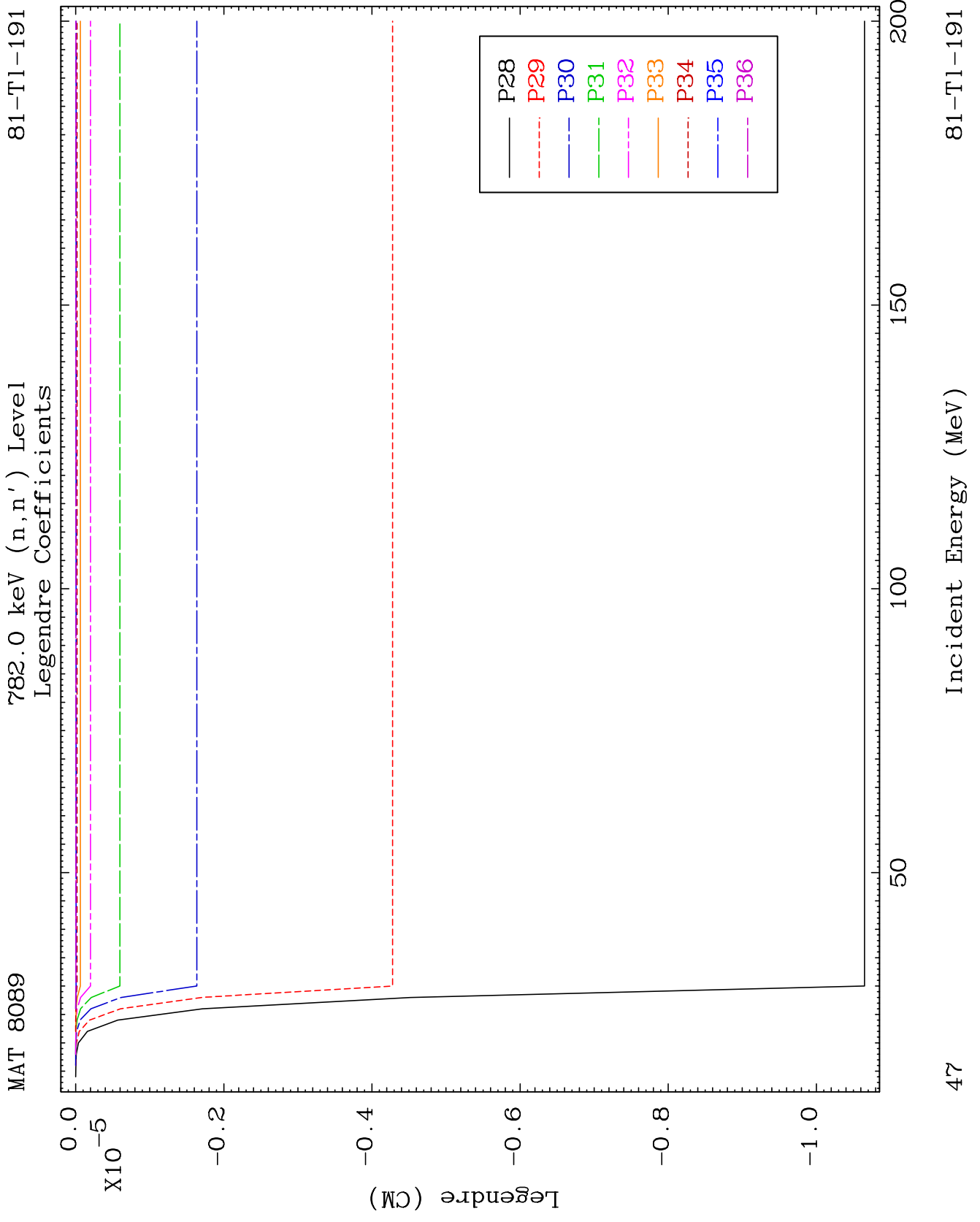


81-Tl-191

Incident Energy (MeV)

45

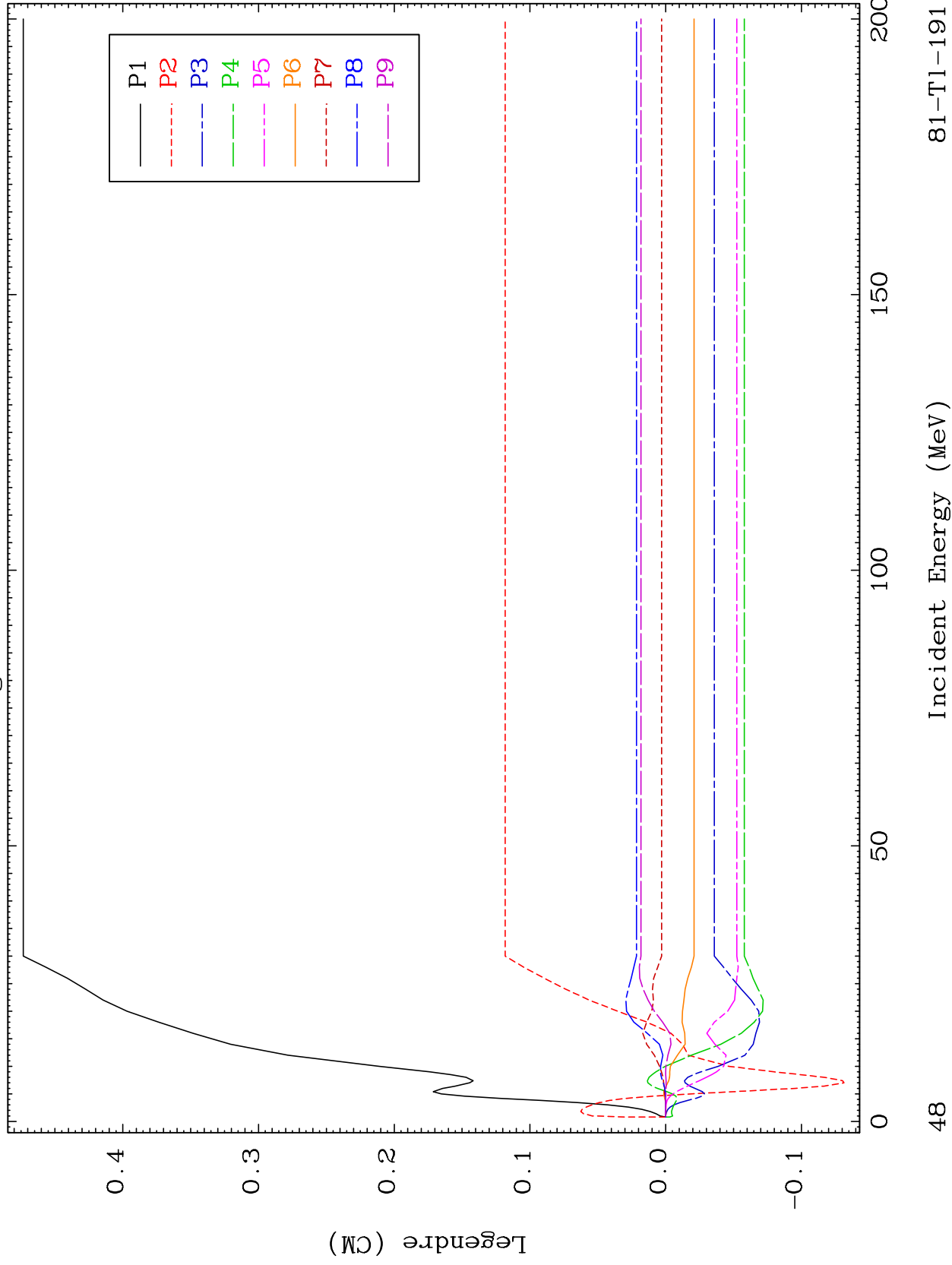




MAT 8089

784.5 keV (n,n') Level
Legendre Coefficients

81-T1-191



81-T1-191

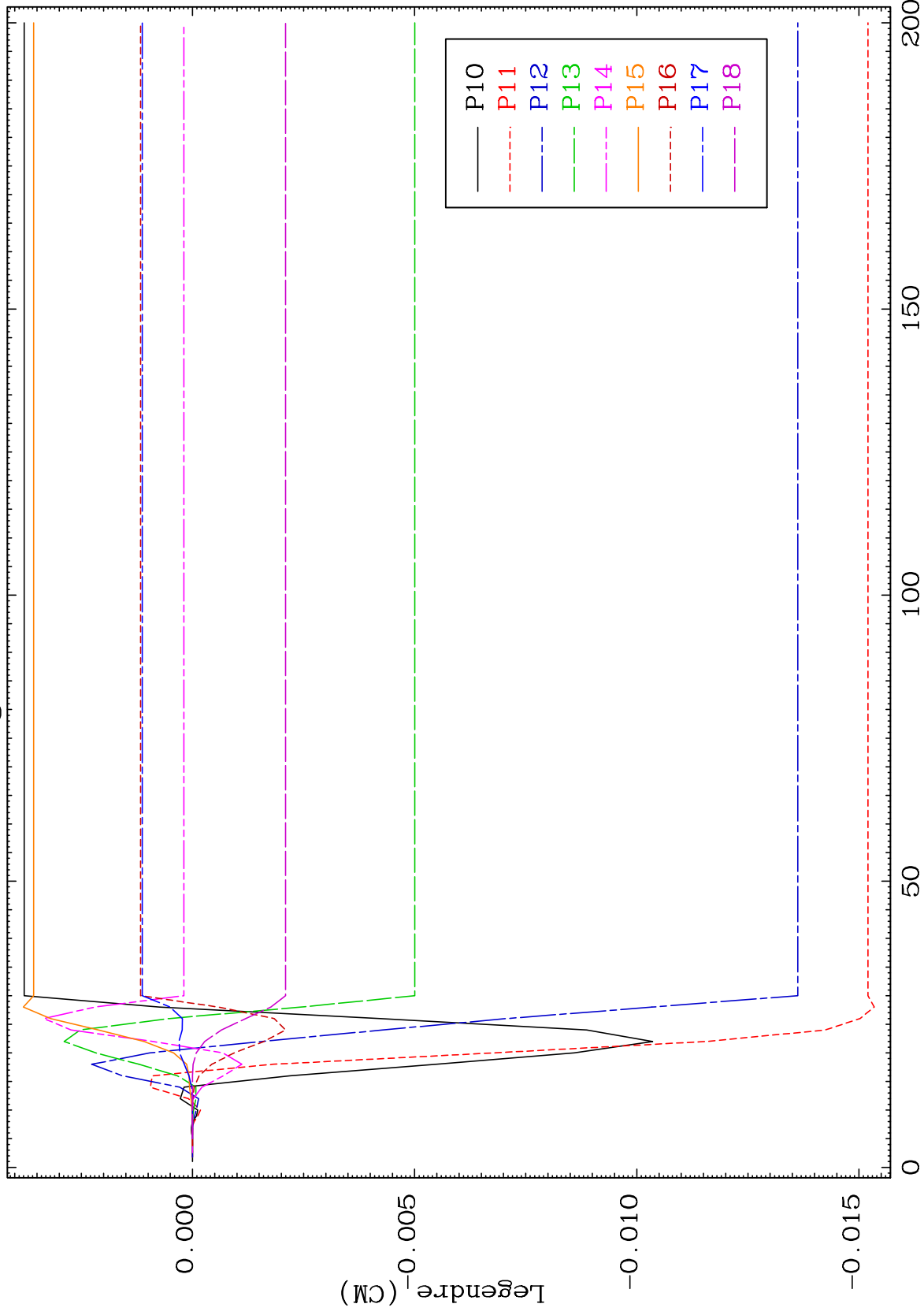
Incident Energy (MeV)

48

MAT 8089

784.5 keV (n,n') Level
Legendre Coefficients

81-Tl-191



49

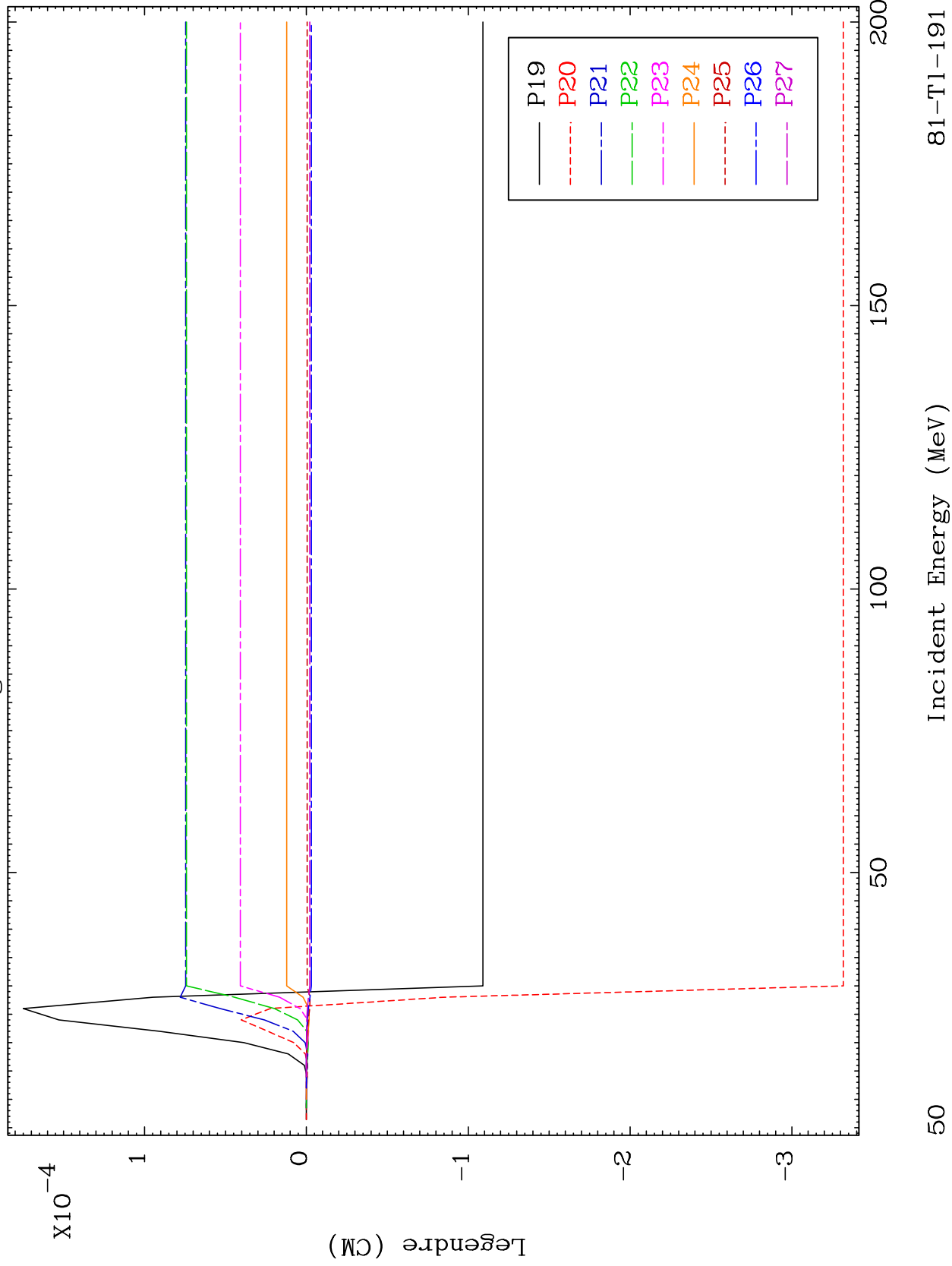
Incident Energy (MeV)

81-Tl-191

MAT 8089

784.5 keV (n,n') Level
Legendre Coefficients

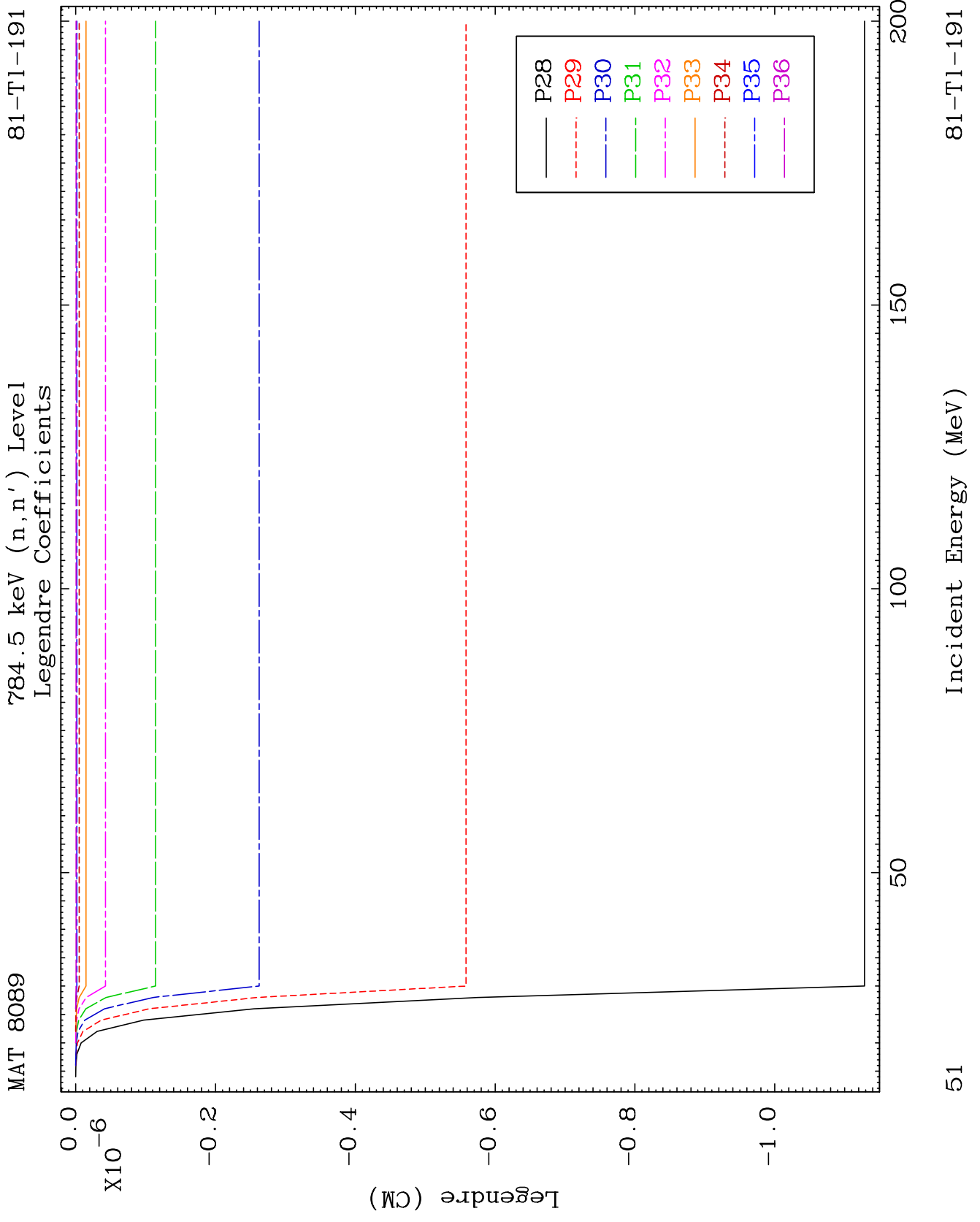
81-Tl-191

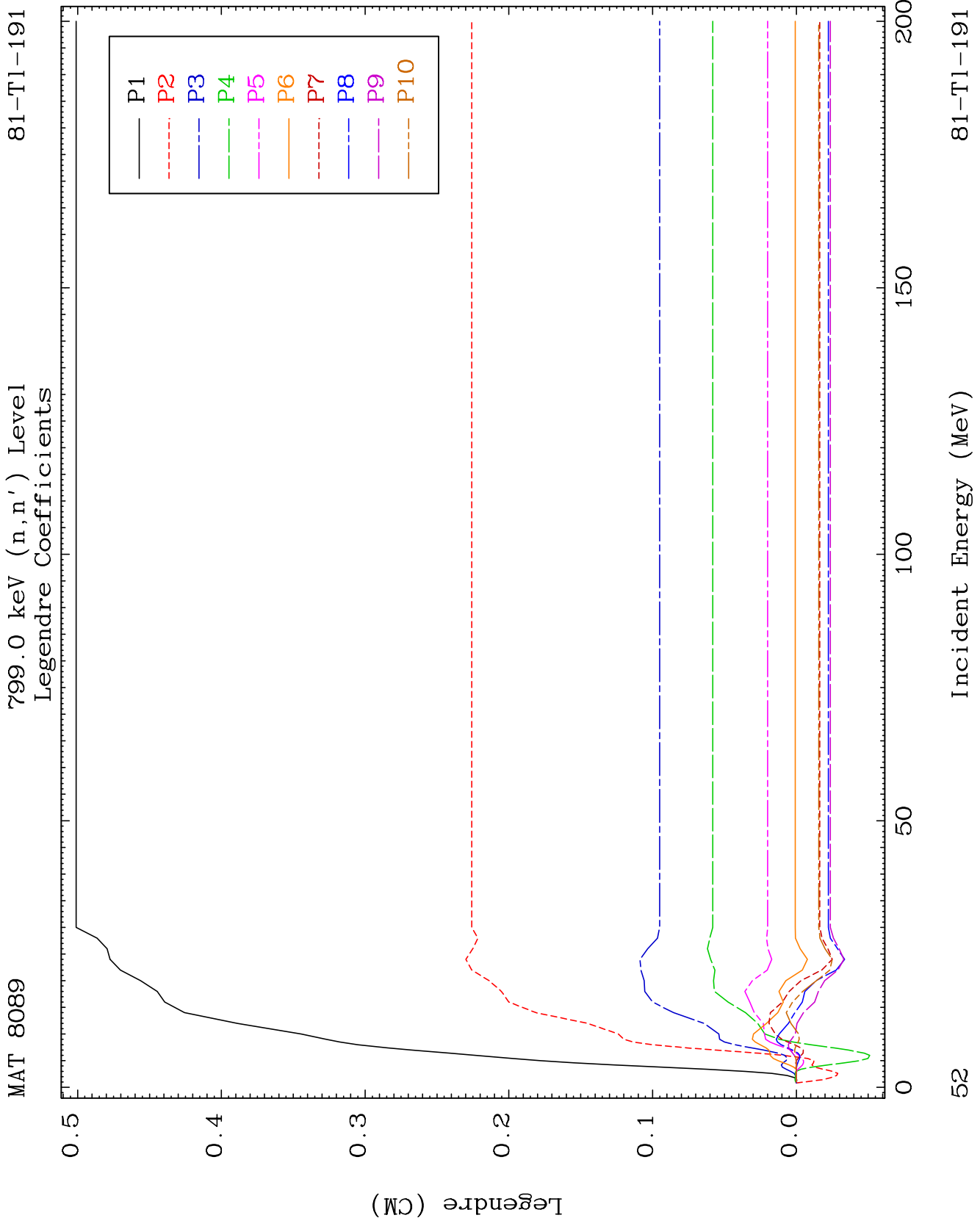


81-Tl-191

Incident Energy (MeV)

50

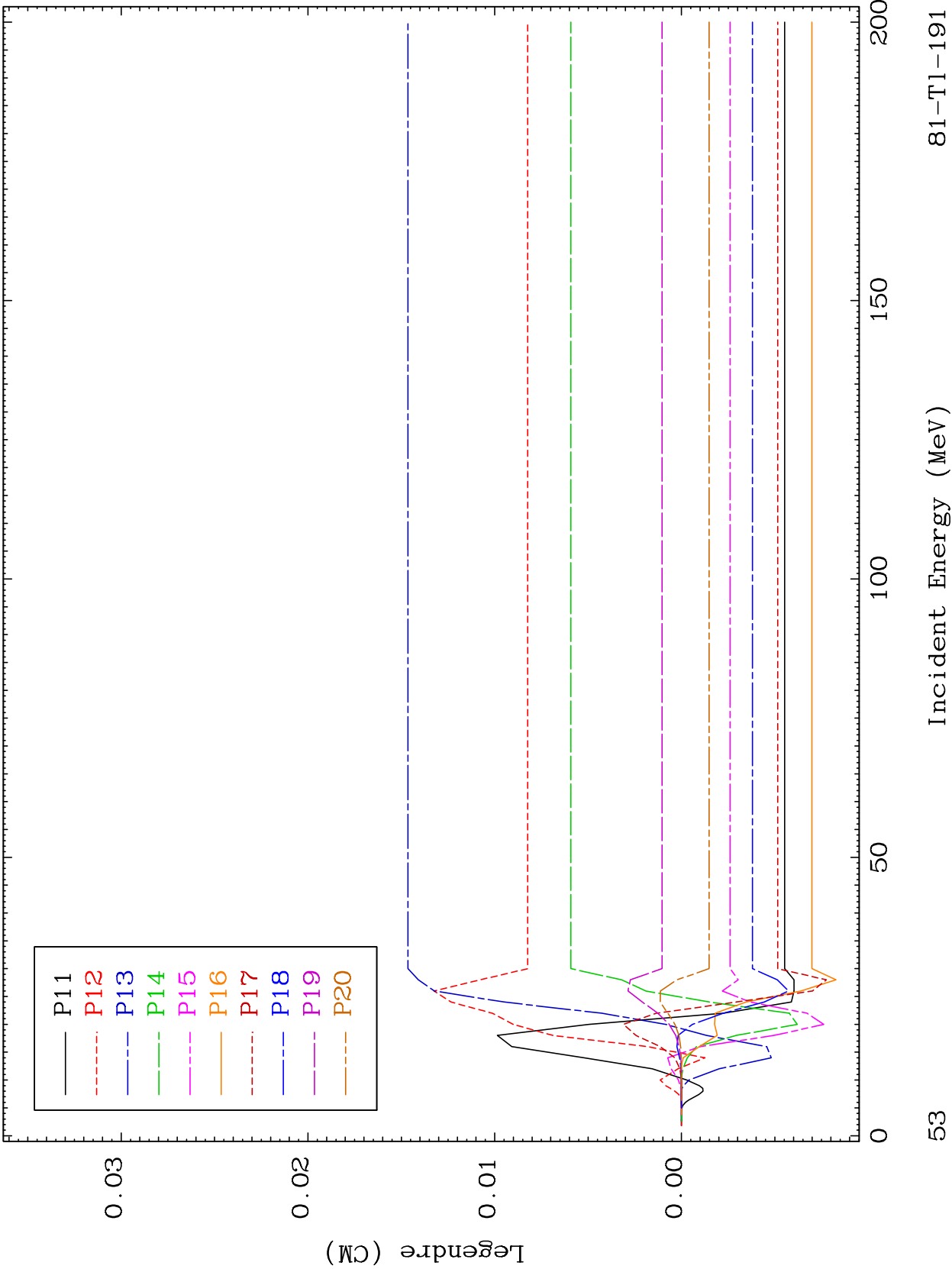




MAT 8089

799.0 keV (n,n') Level
Legendre Coefficients

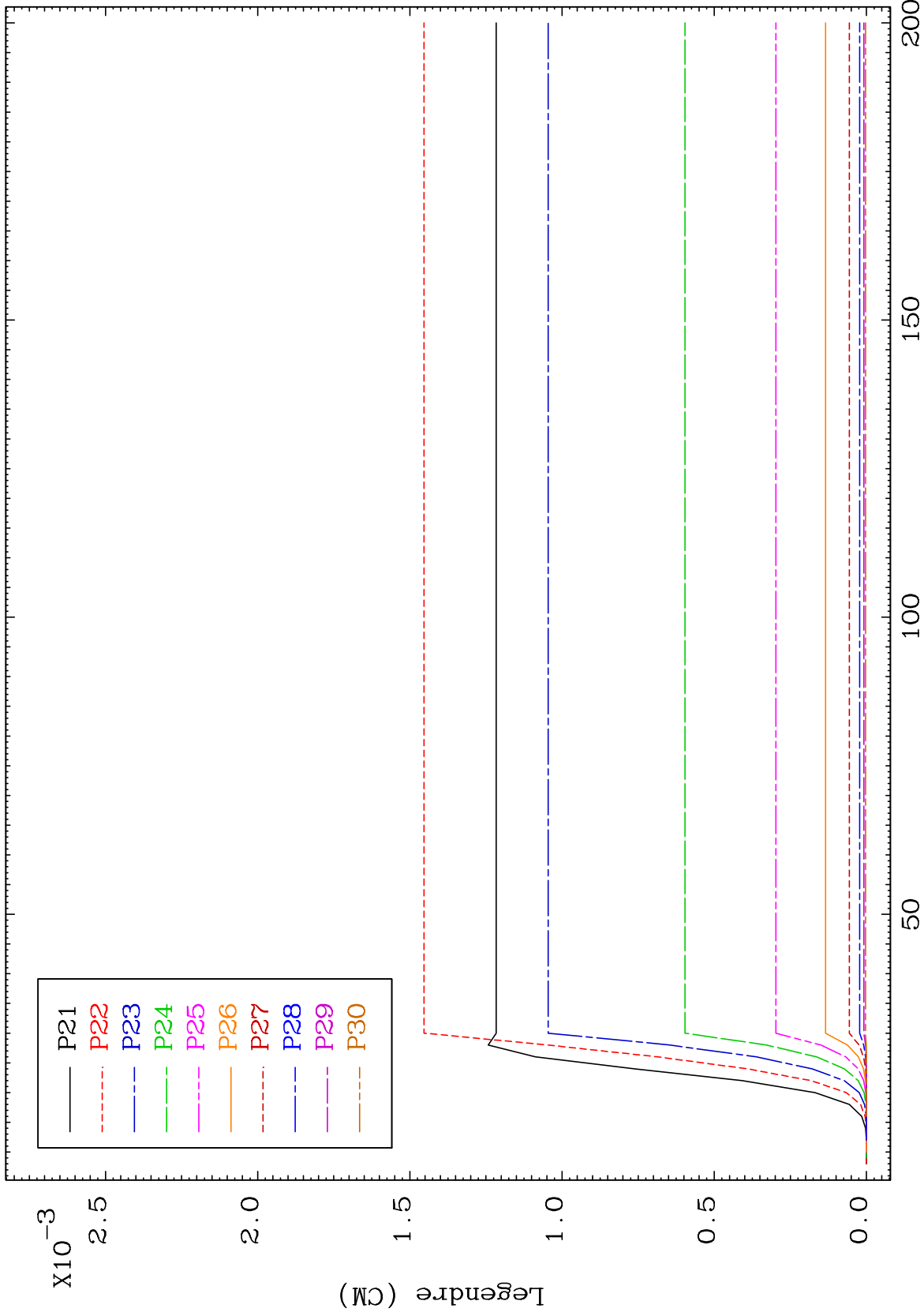
81-Tl-191



53

Incident Energy (MeV)

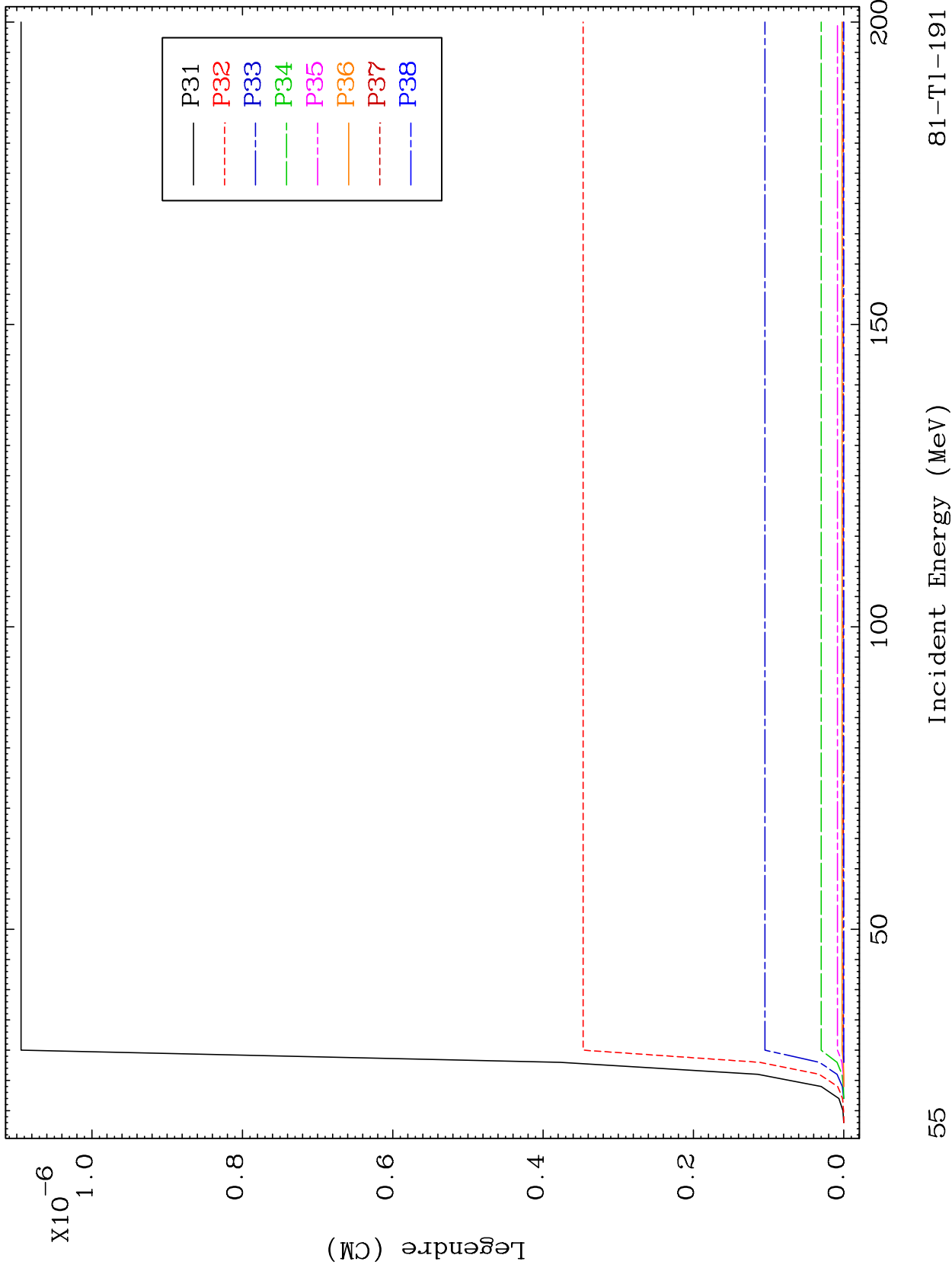
81-Tl-191



MAT 8089

799.0 keV (n,n') Level
Legendre Coefficients

81-Tl-191



81-Tl-191

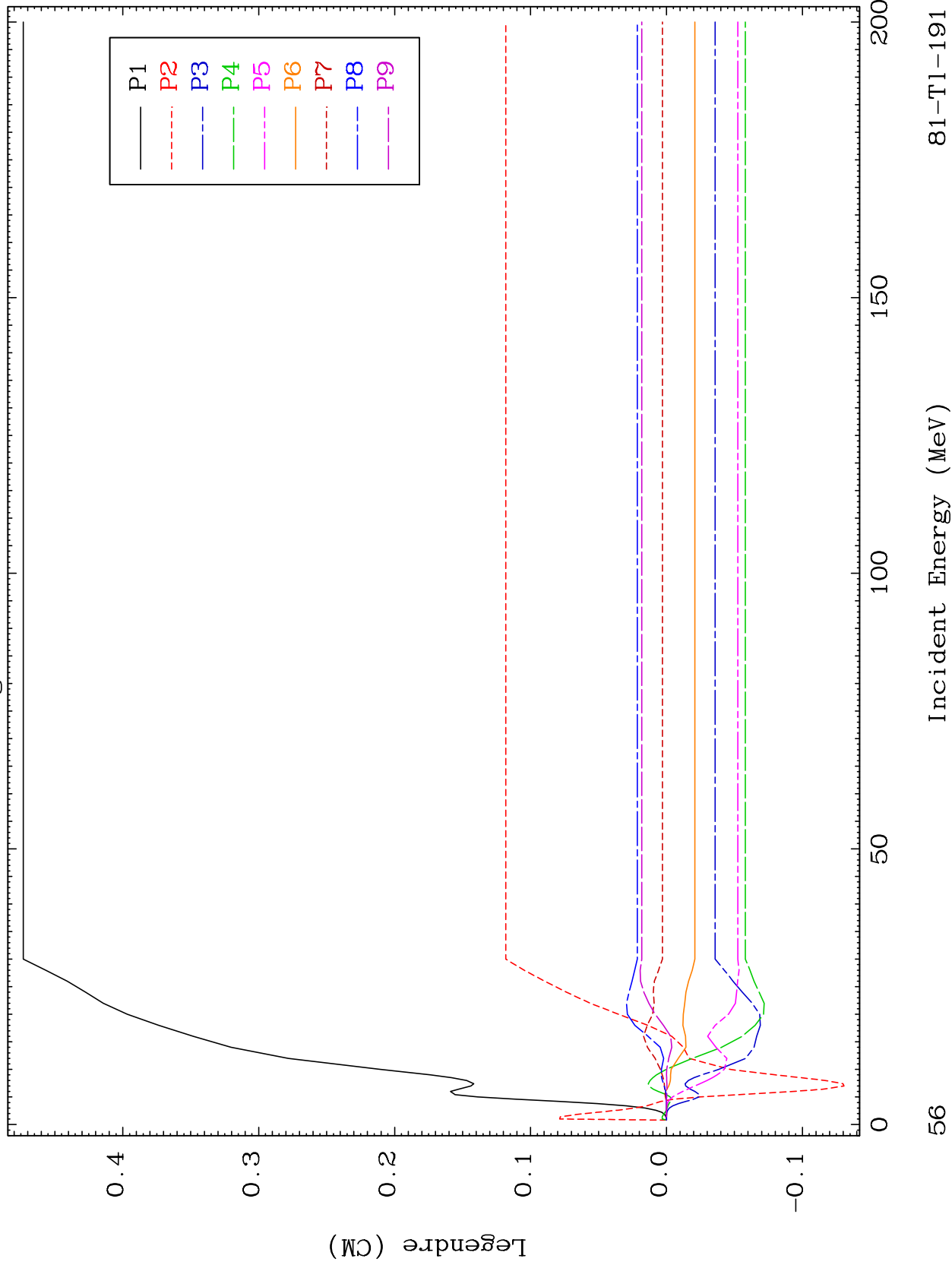
Incident Energy (MeV)

55

MAT 8089

803.8 keV (n,n') Level
Legendre Coefficients

81-T1-191

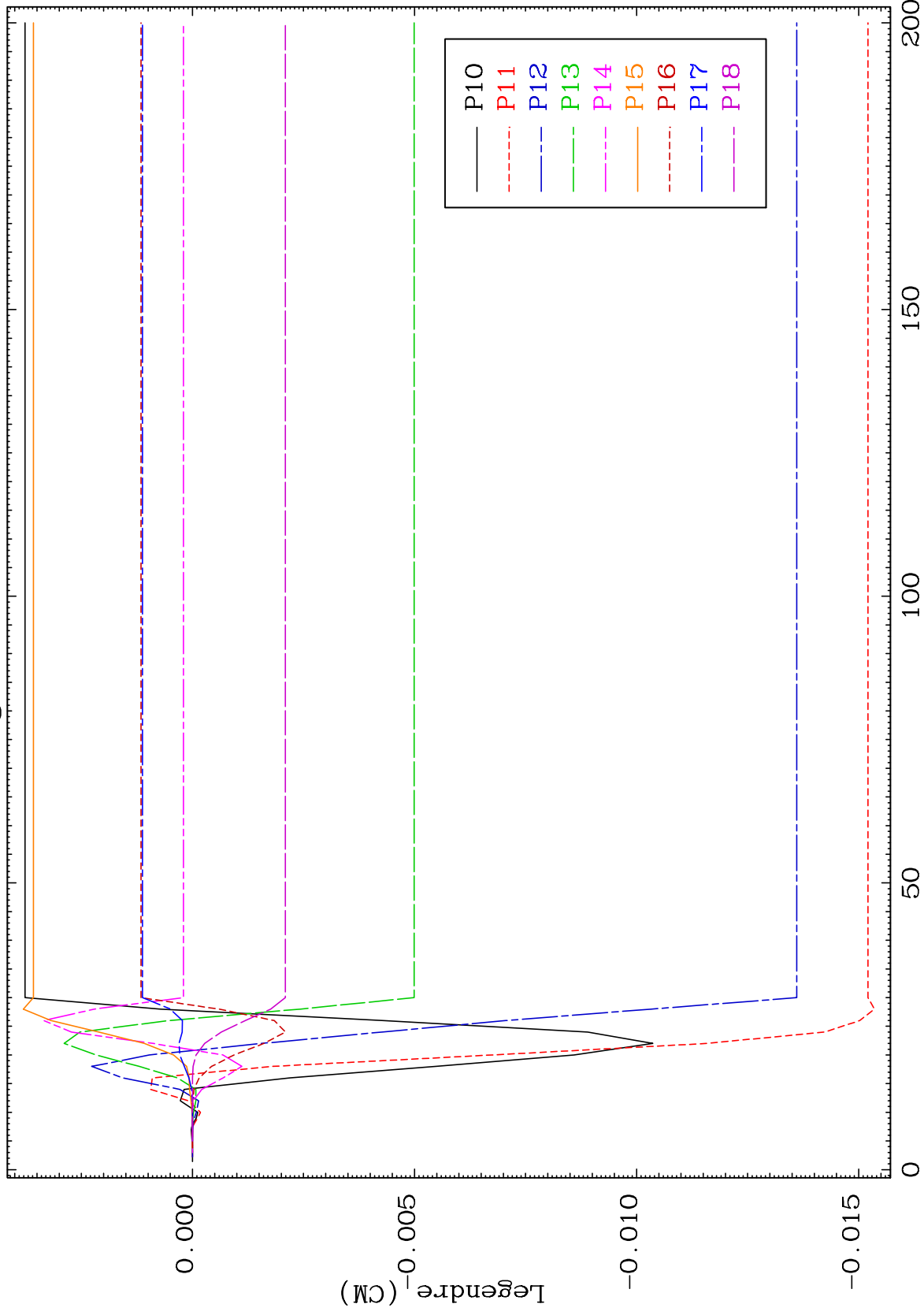


56

MAT 8089

803.8 keV (n,n') Level
Legendre Coefficients

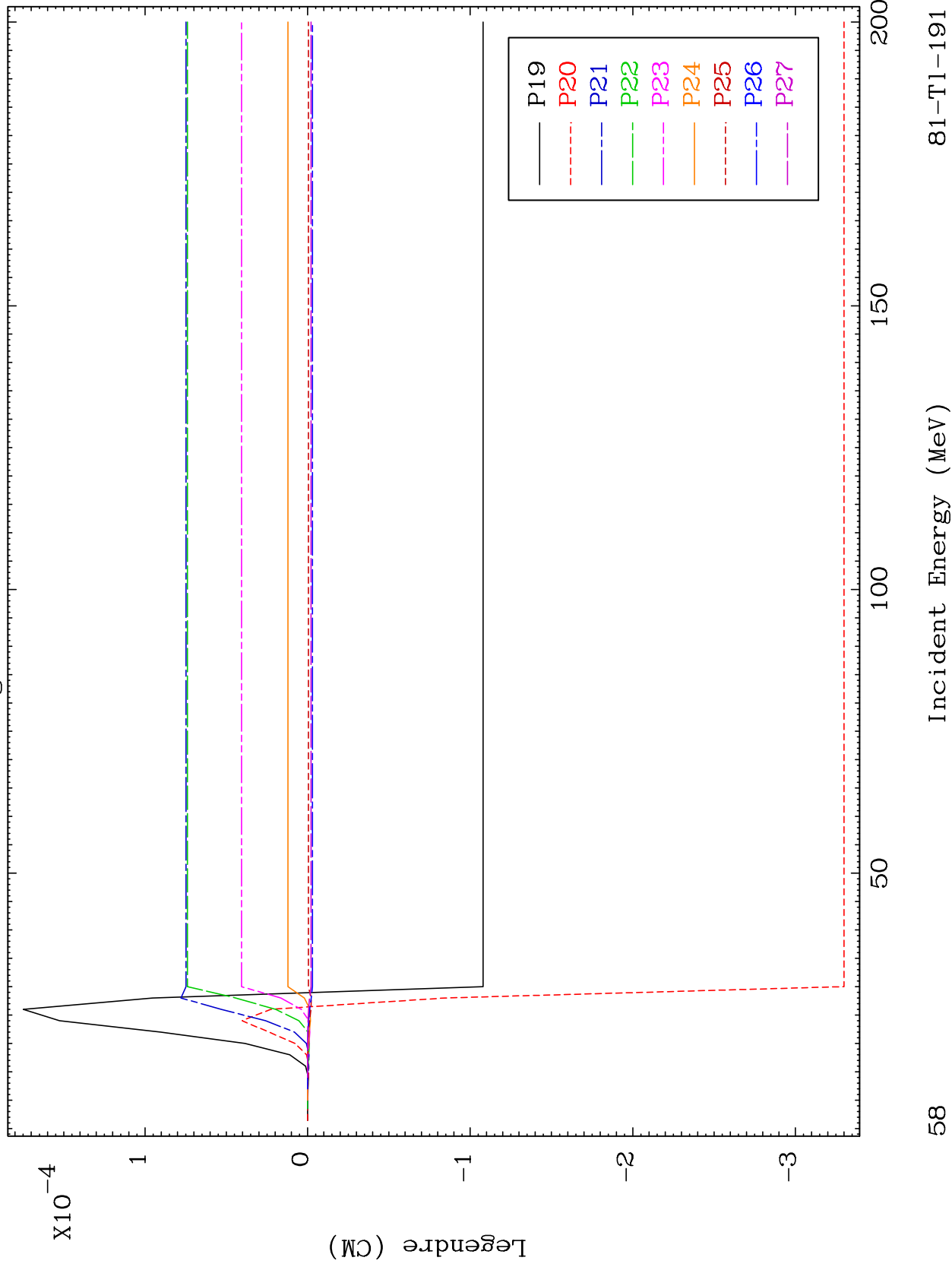
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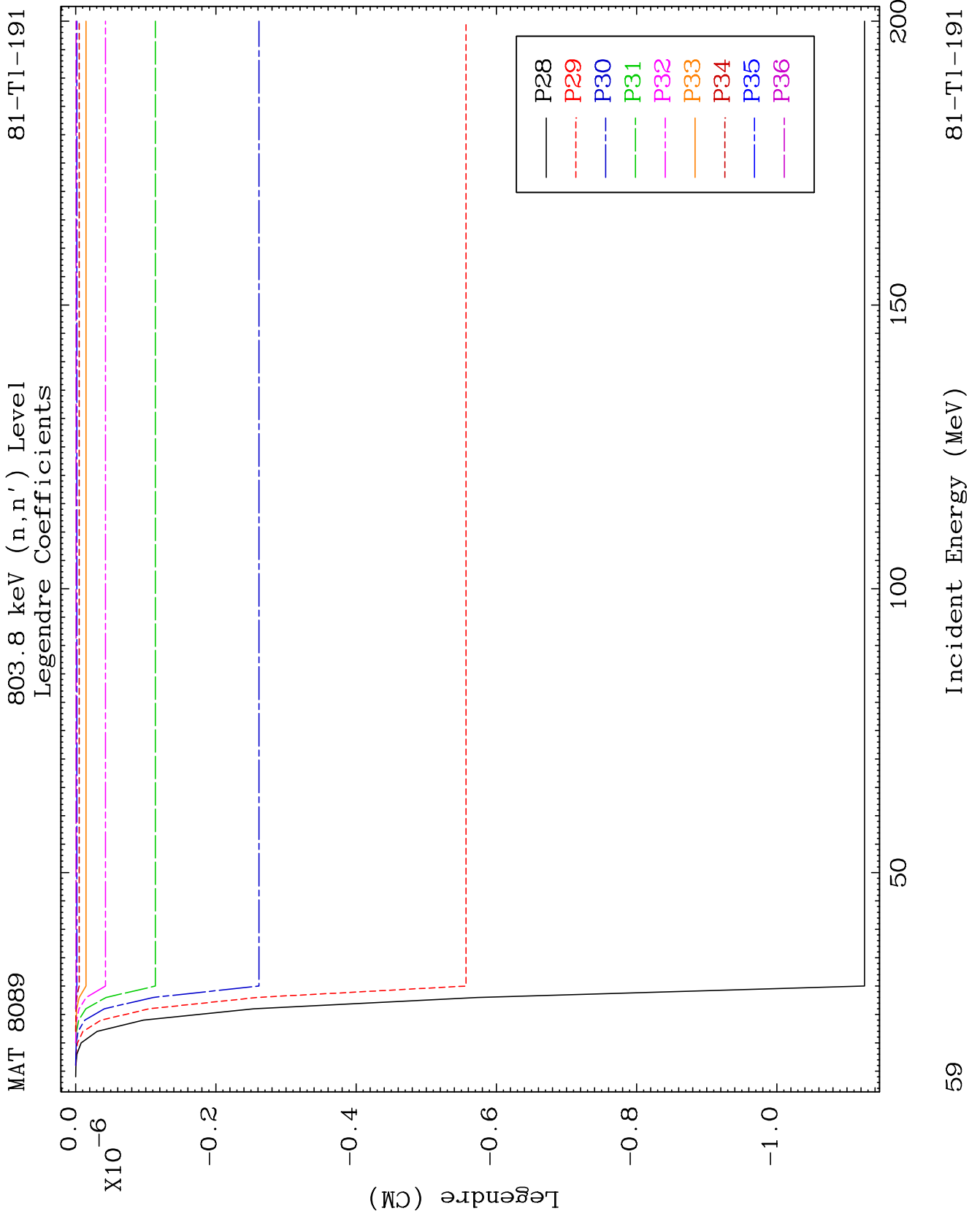


57

Incident Energy (MeV)

81-Tl-191

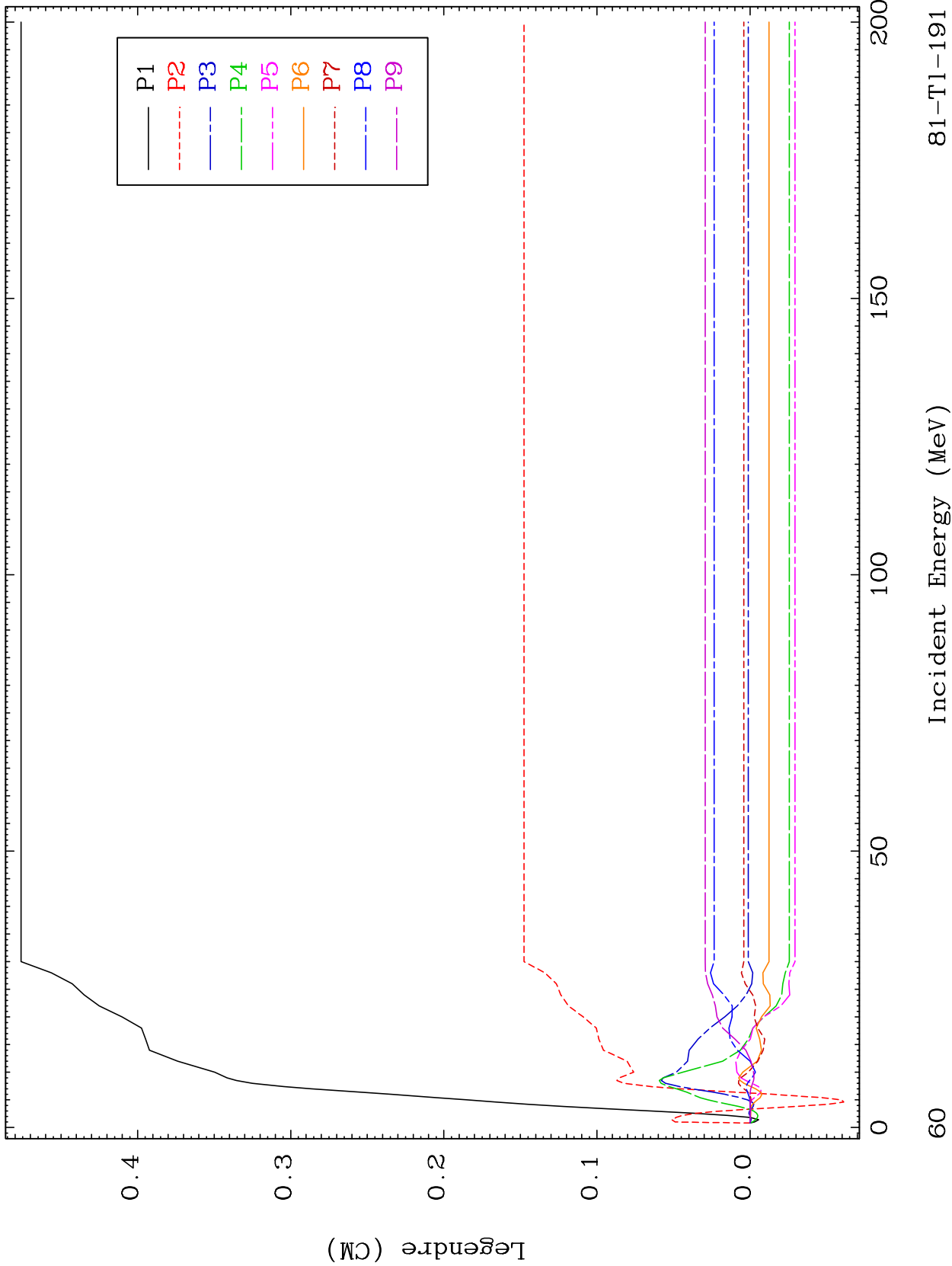




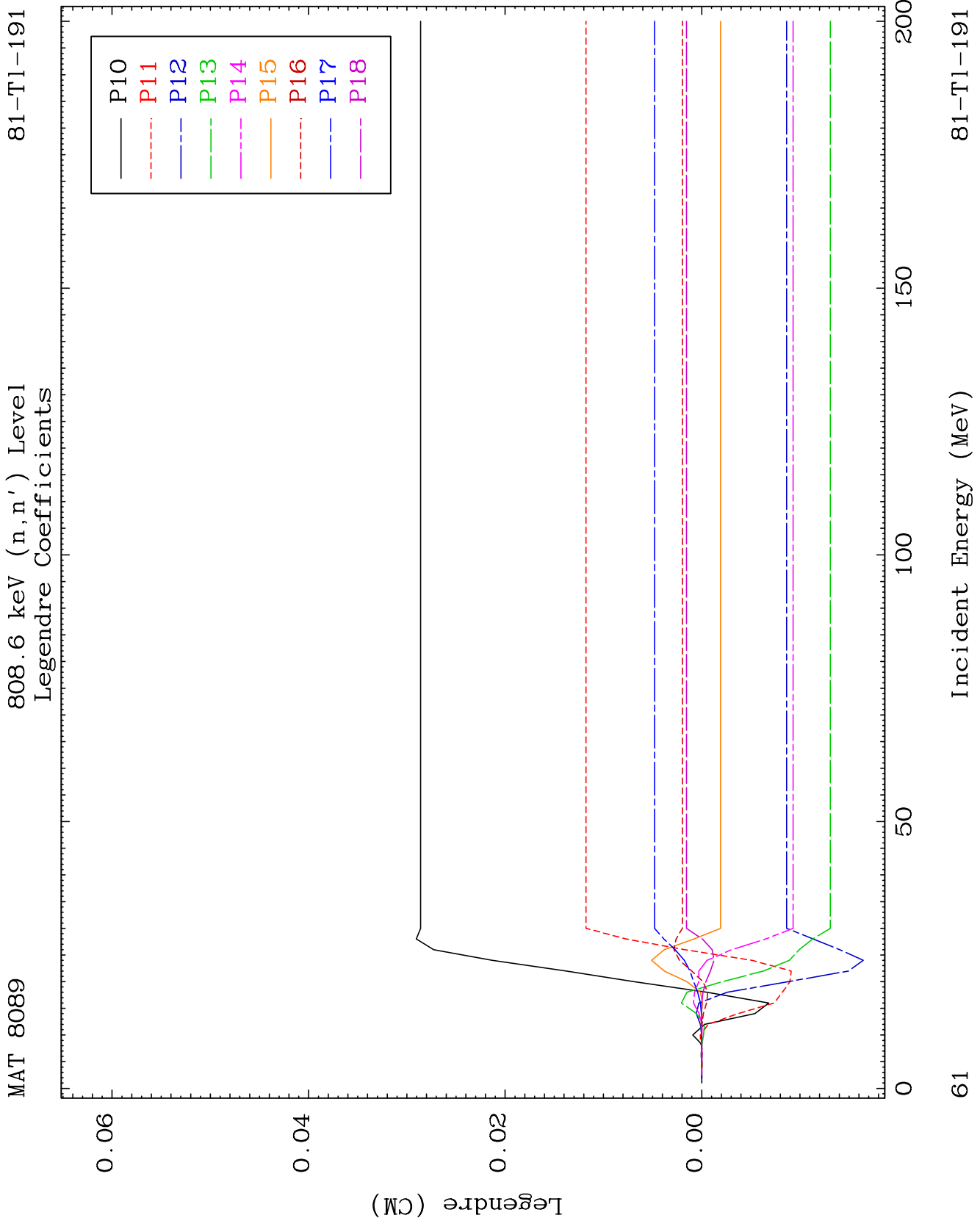
MAT 8089

808.6 keV (n,n') Level
Legendre Coefficients

81-T1-191



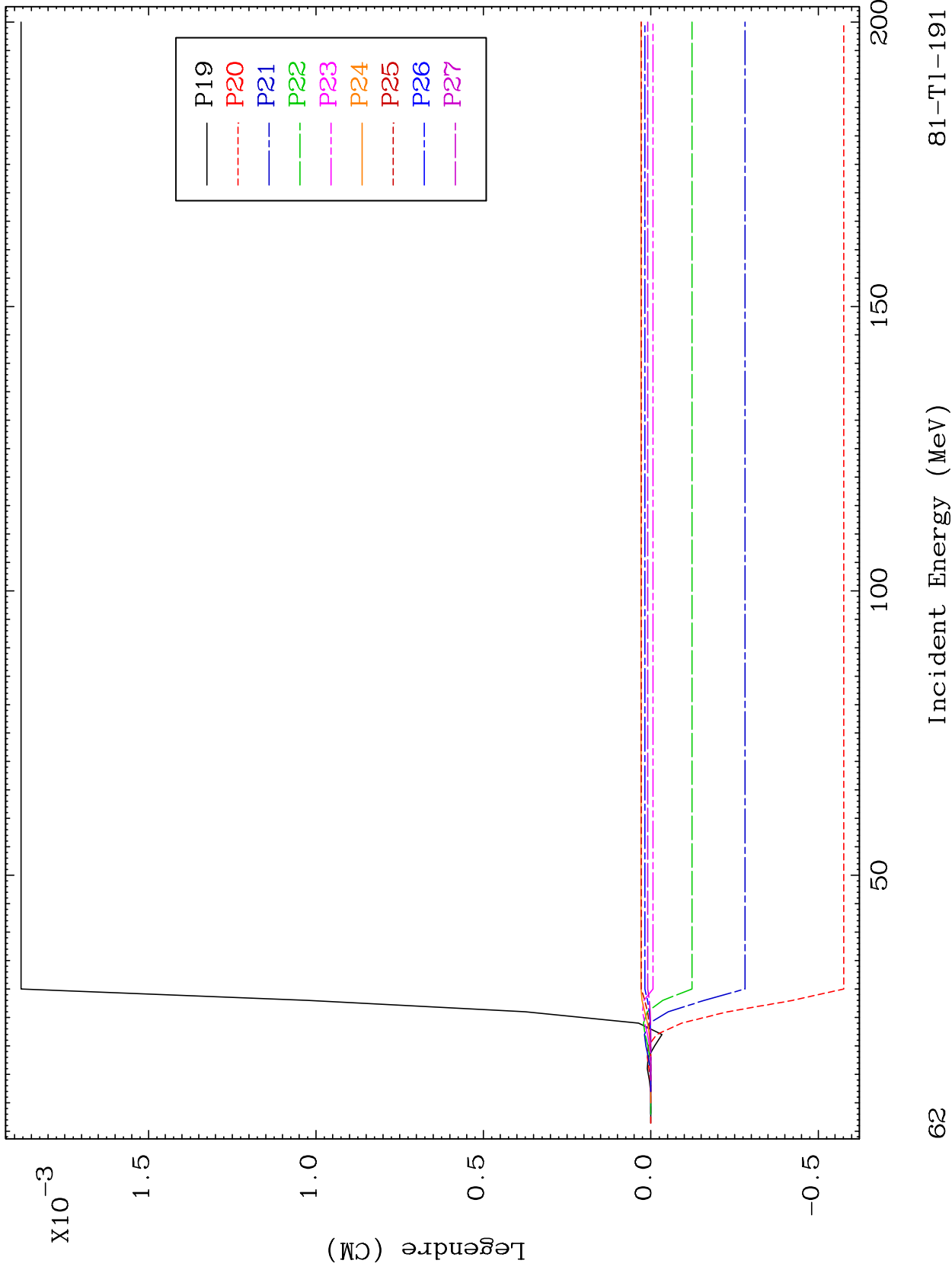
81-T1-191



MAT 8089

808.6 keV (n,n') Level
Legendre Coefficients

81-Tl-191



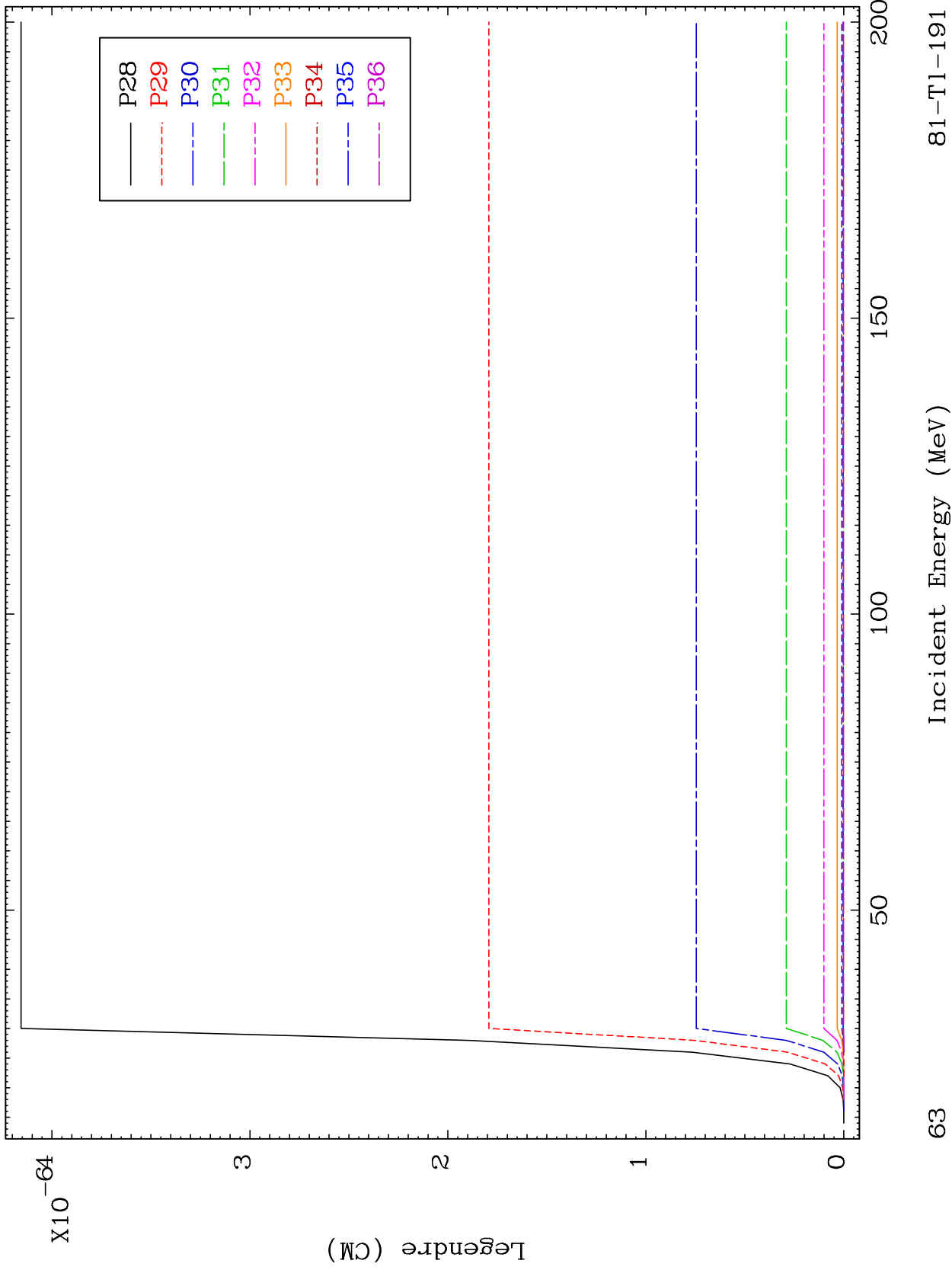
62

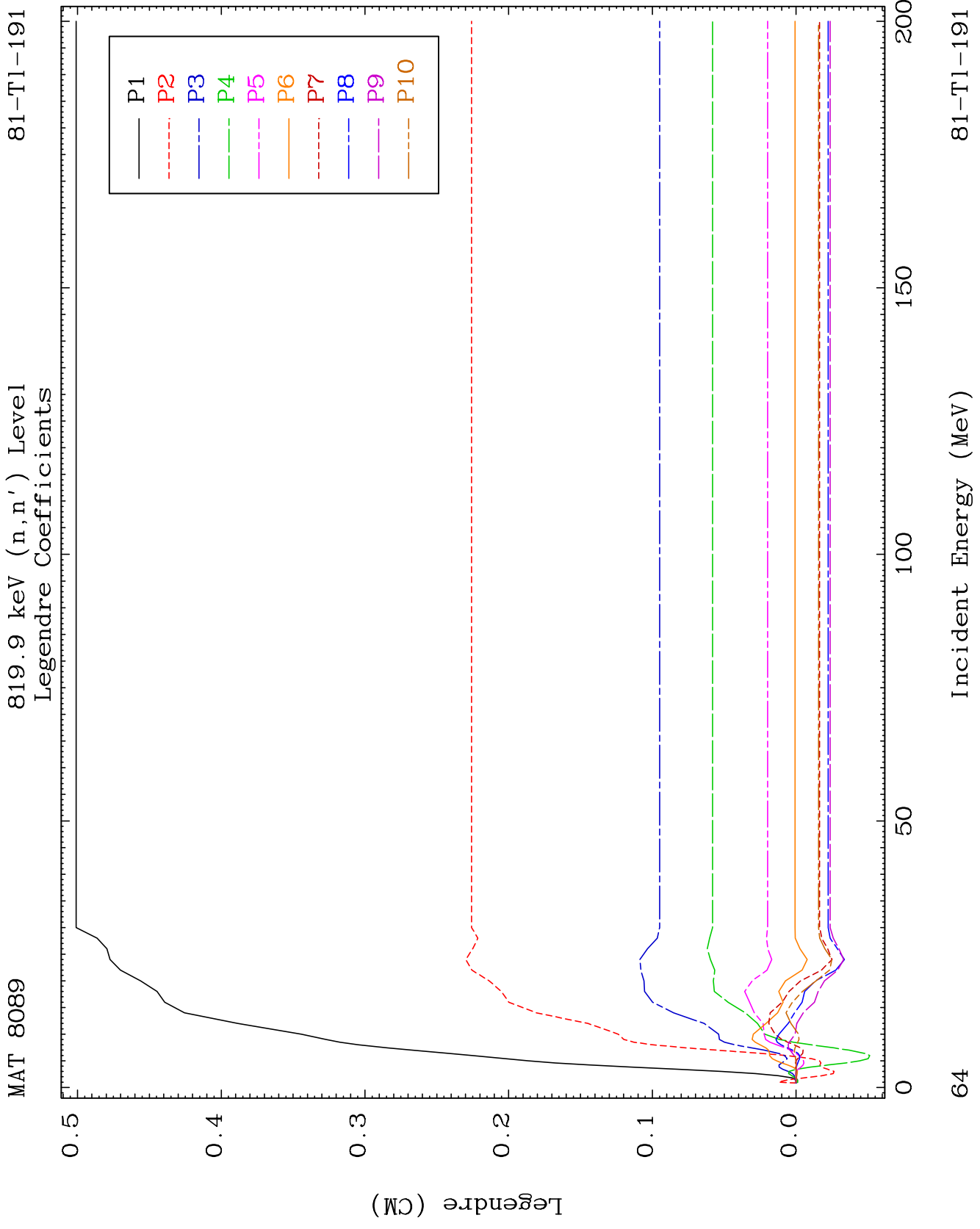
81-Tl-191

MAT 8089

808.6 keV (n,n') Level
Legendre Coefficients

81-Tl-191

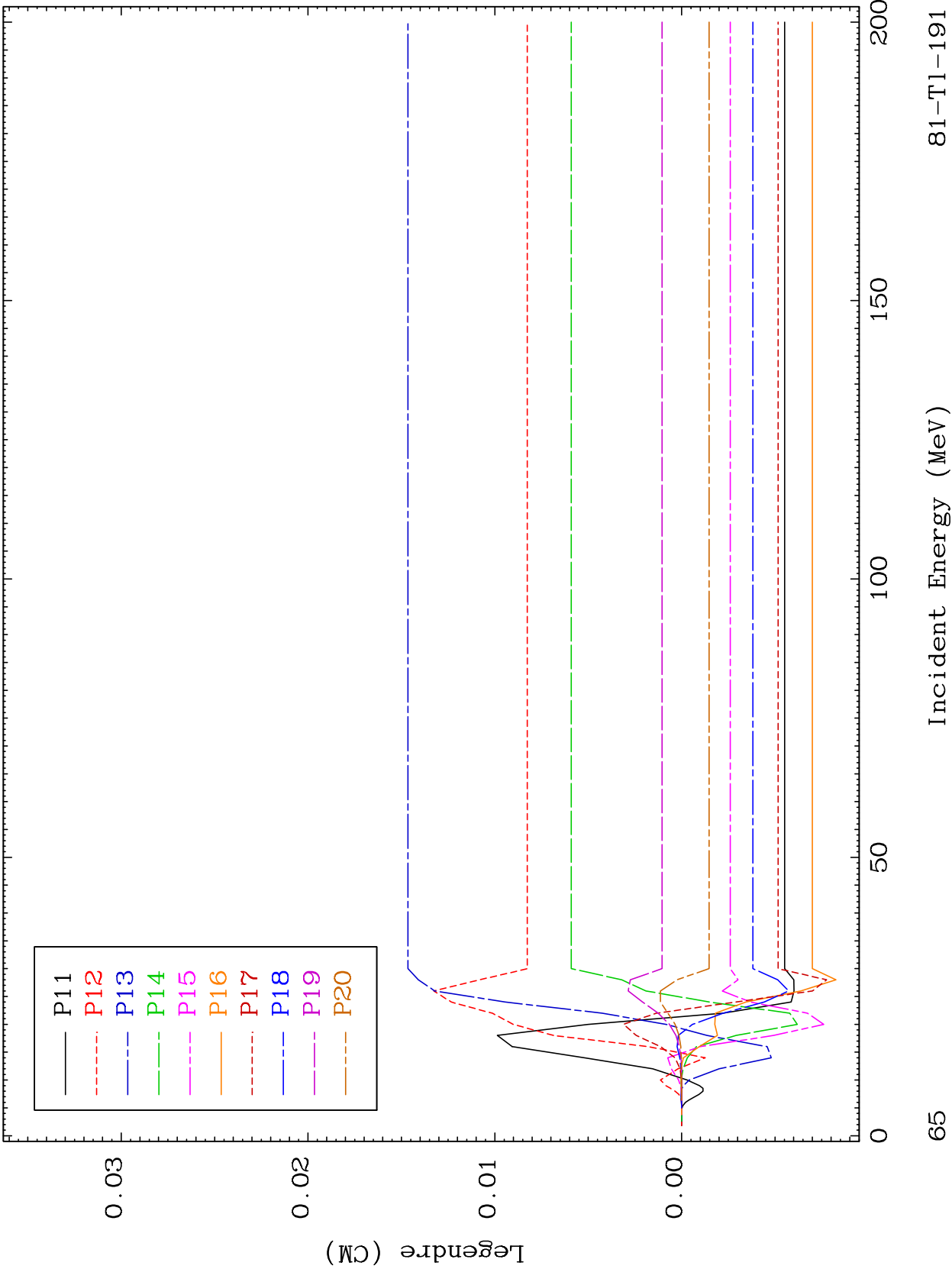




MAT 8089

819.9 keV (n,n') Level
Legendre Coefficients

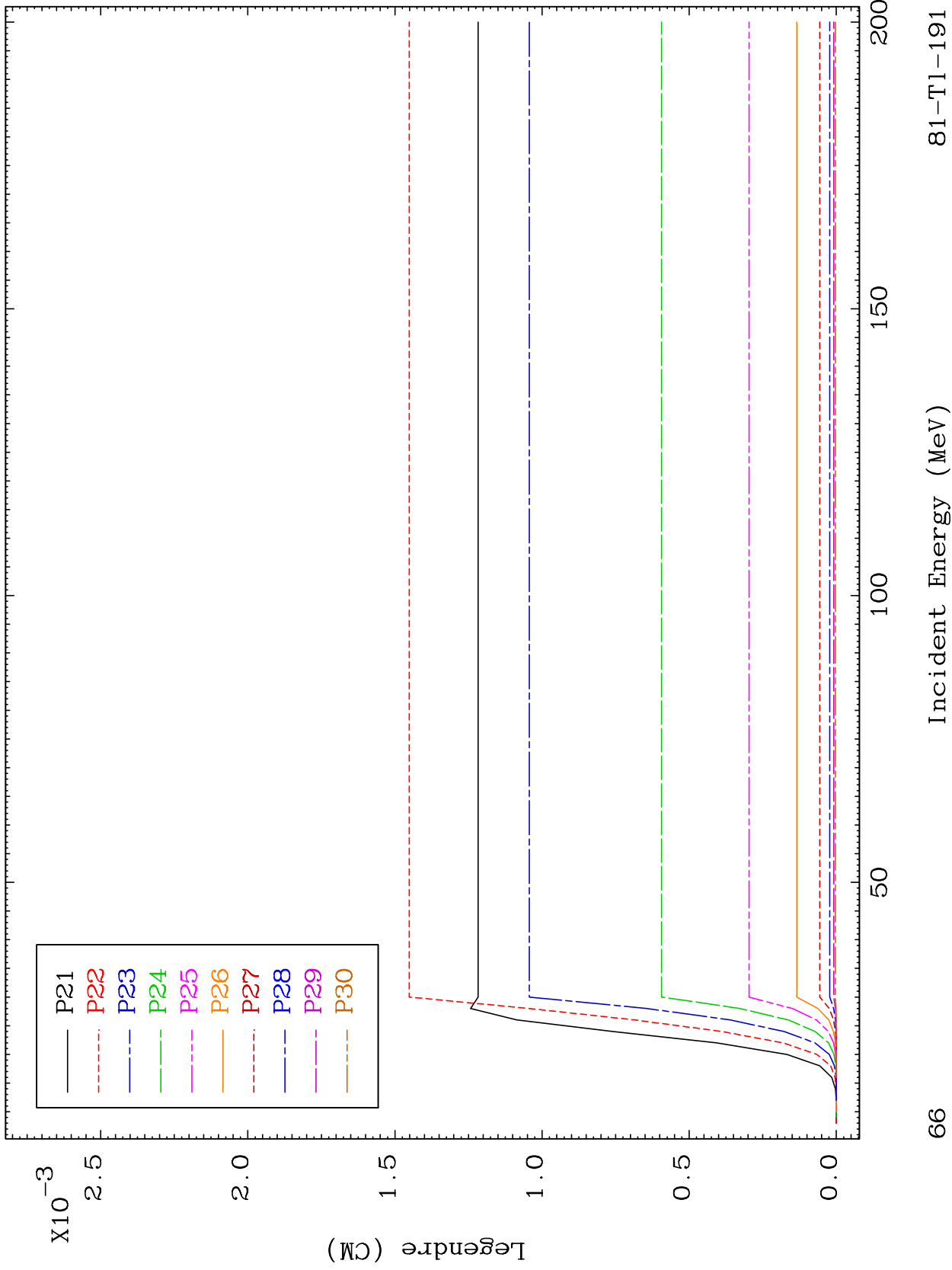
81-Tl-191



81-Tl-191

Incident Energy (MeV)

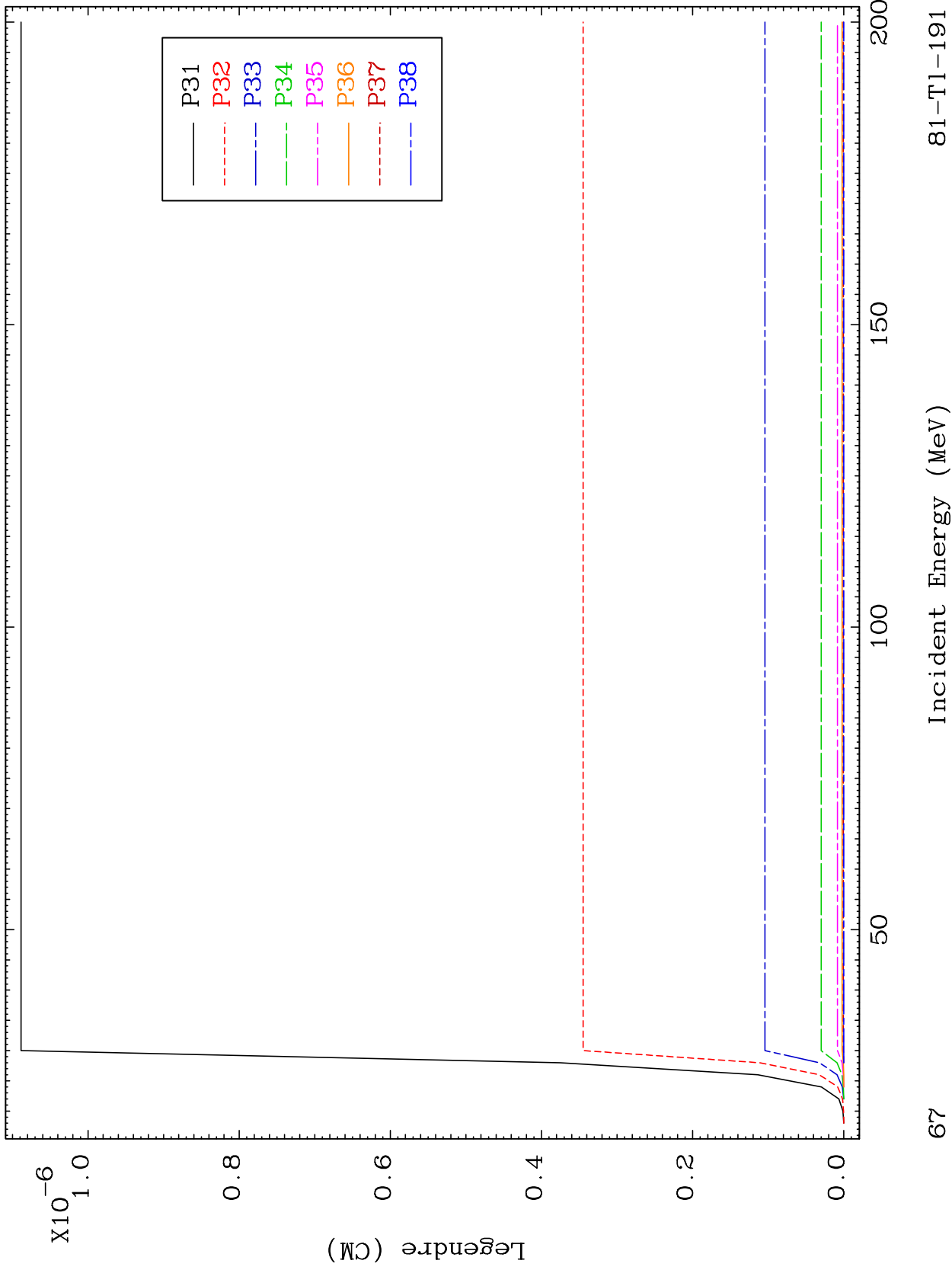
65



MAT 8089

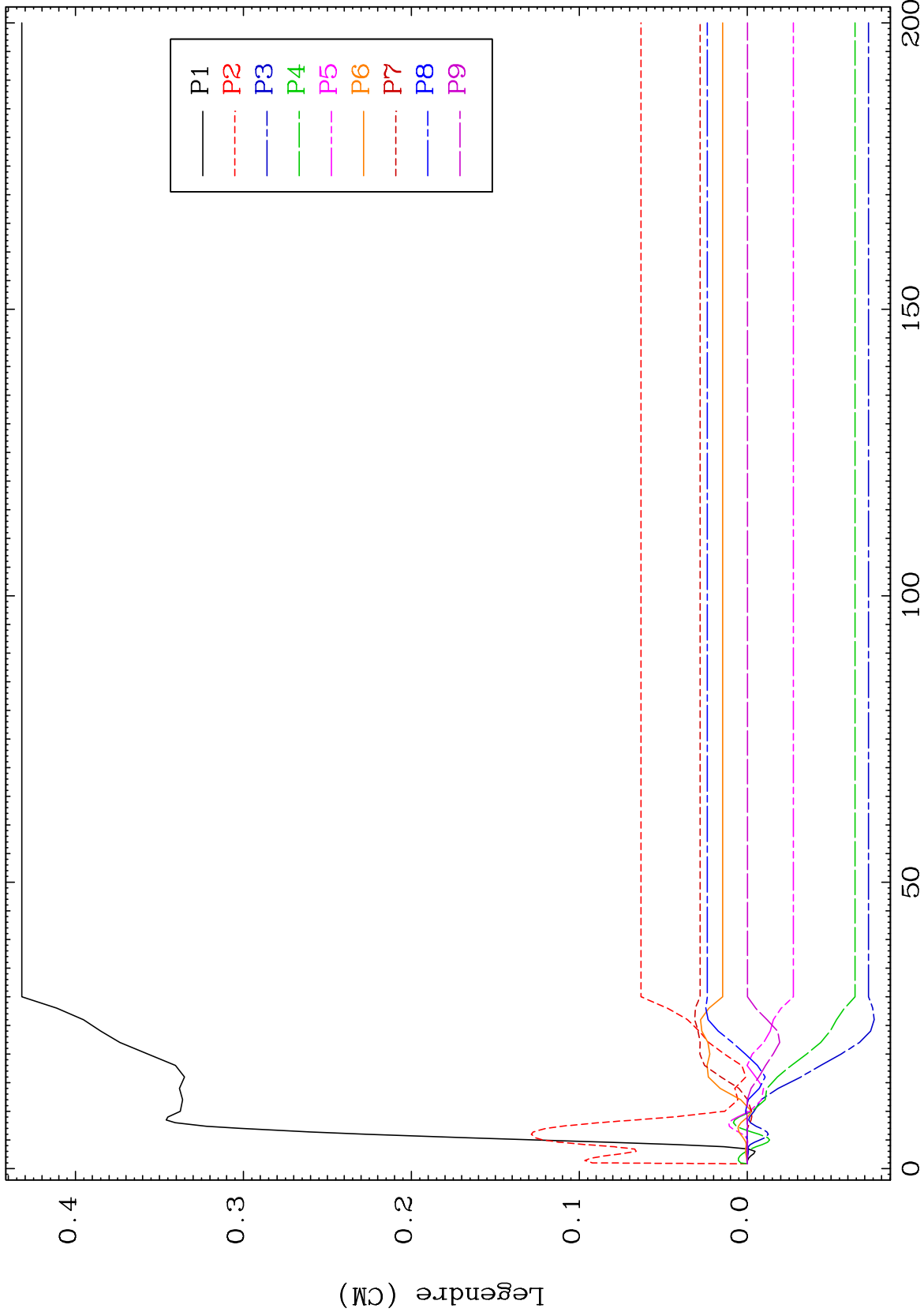
819.9 keV (n,n') Level
Legendre Coefficients

81-Tl-191



67

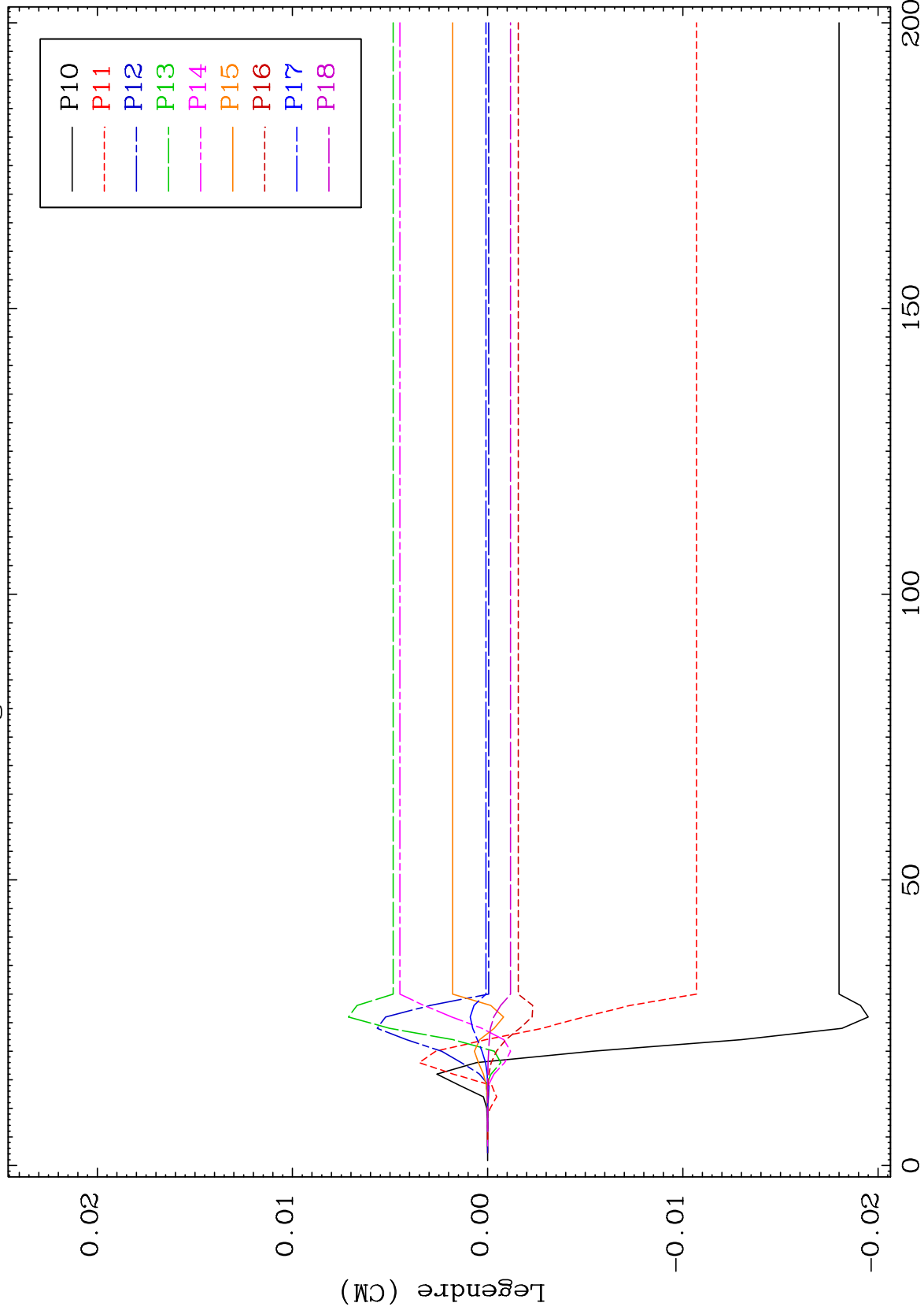
81-Tl-191



MAT 8089

822.1 keV (n,n') Level
Legendre Coefficients

81-Tl-191



69

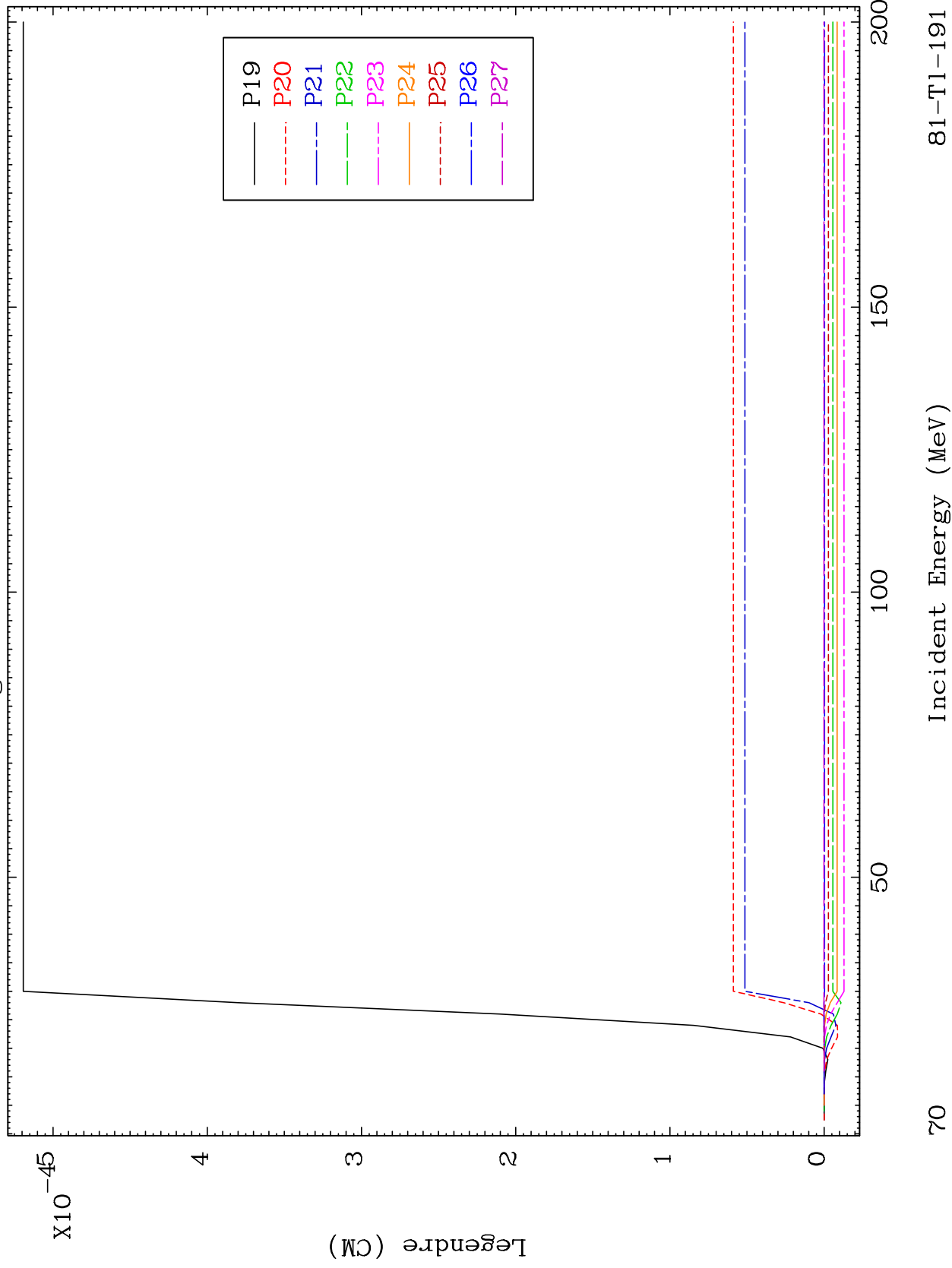
Incident Energy (MeV)

81-Tl-191

MAT 8089

822.1 keV (n,n') Level
Legendre Coefficients

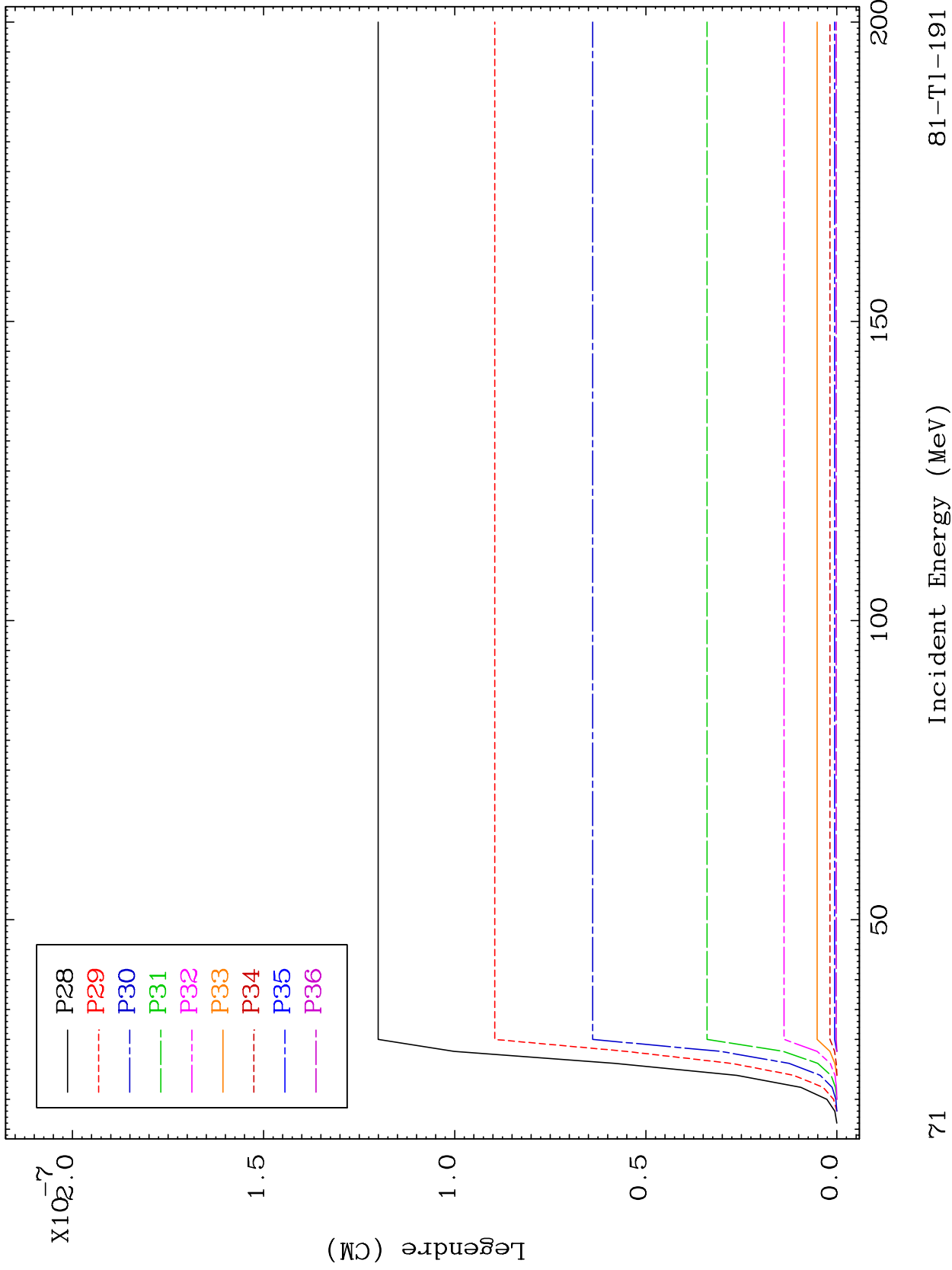
81-Tl-191



MAT 8089

822.1 keV (n,n') Level
Legendre Coefficients

81-T1-191



71

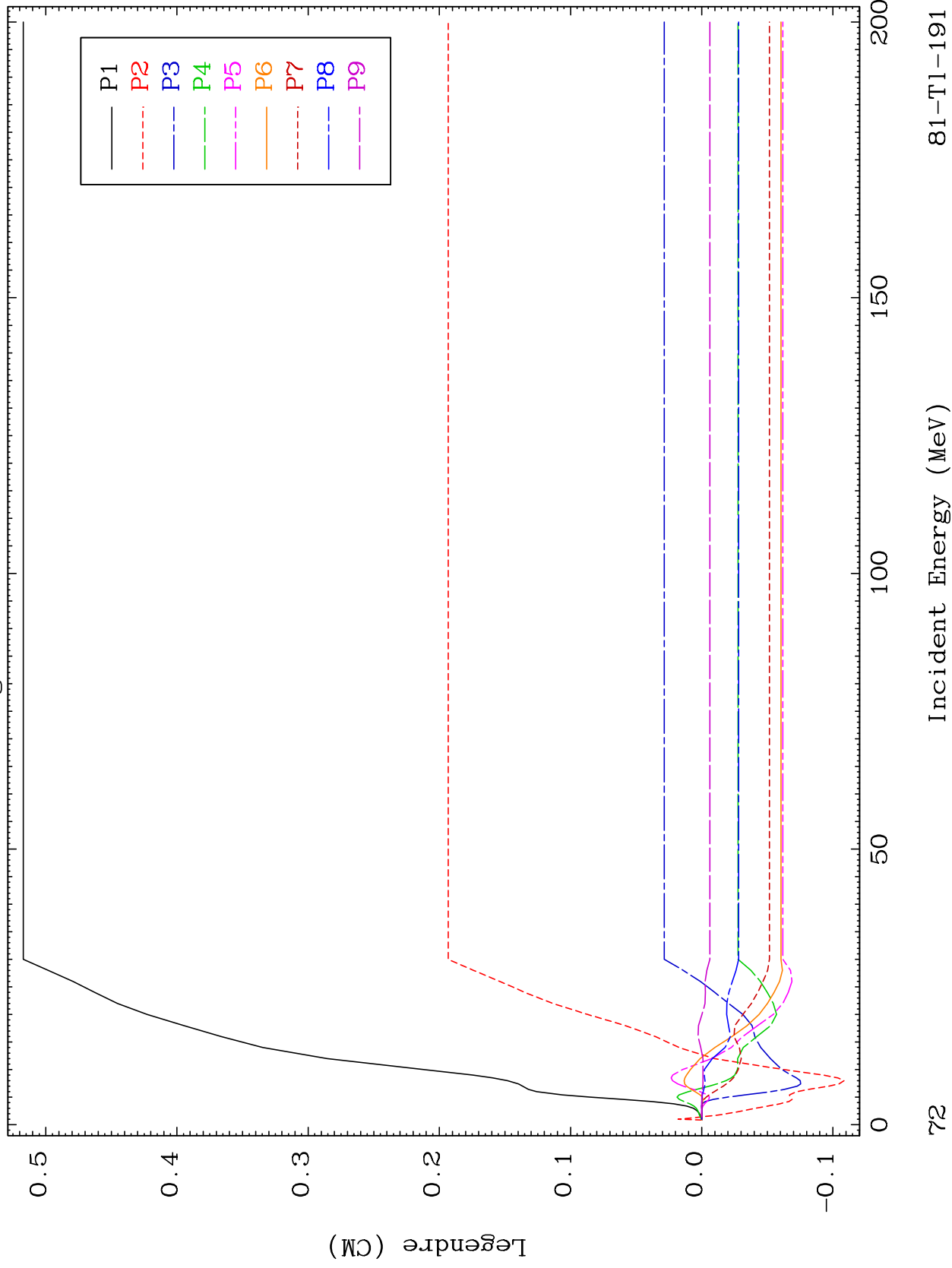
Incident Energy (MeV)

81-T1-191

MAT 8089

838.7 keV (n,n') Level
Legendre Coefficients

81-Tl-191



81-Tl-191

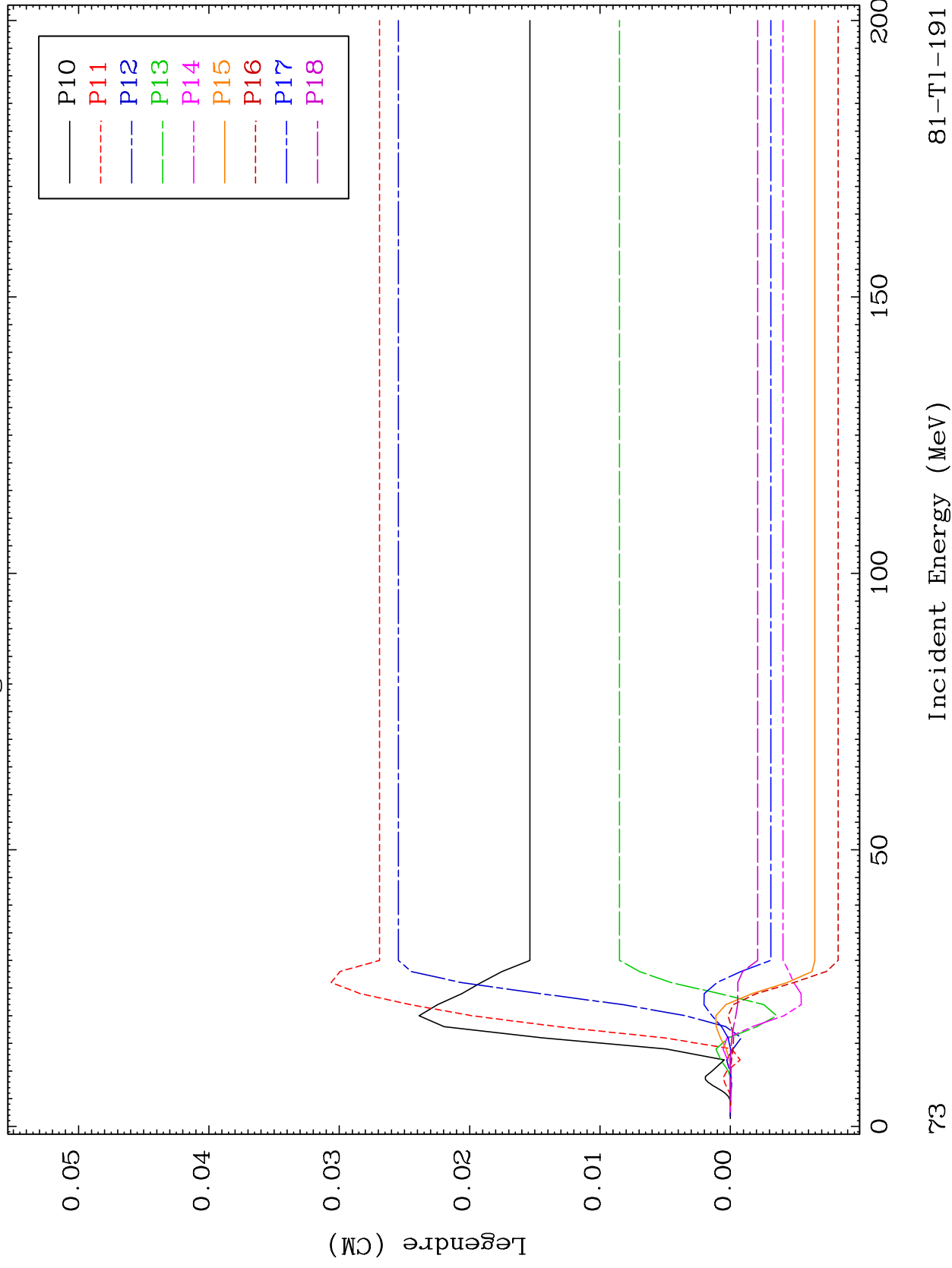
Incident Energy (MeV)

72

MAT 8089

838.7 keV (n,n') Level
Legendre Coefficients

81-Tl-191



73

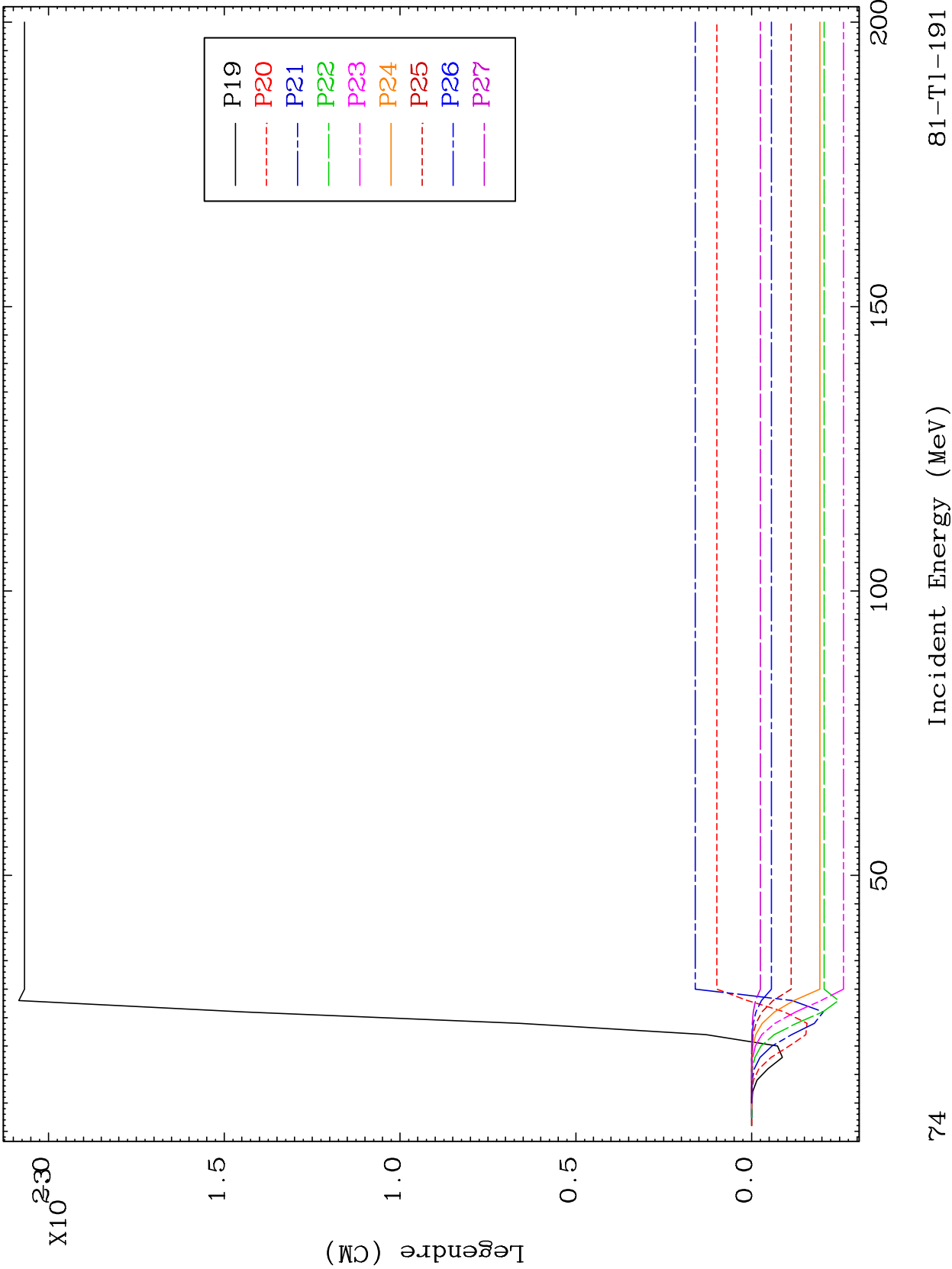
Incident Energy (MeV)

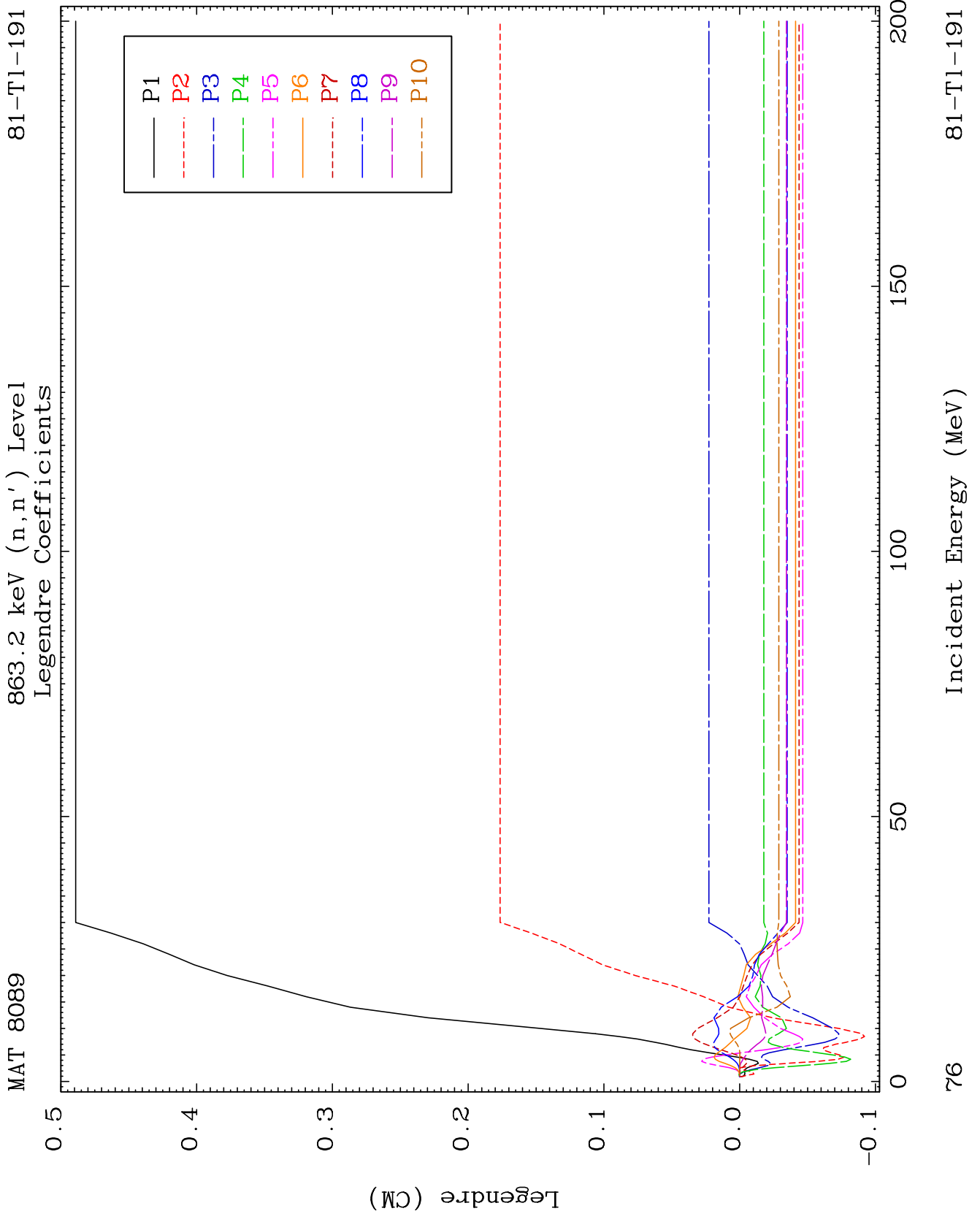
81-Tl-191

MAT 8089

838.7 keV (n,n') Level
Legendre Coefficients

81-T1-191

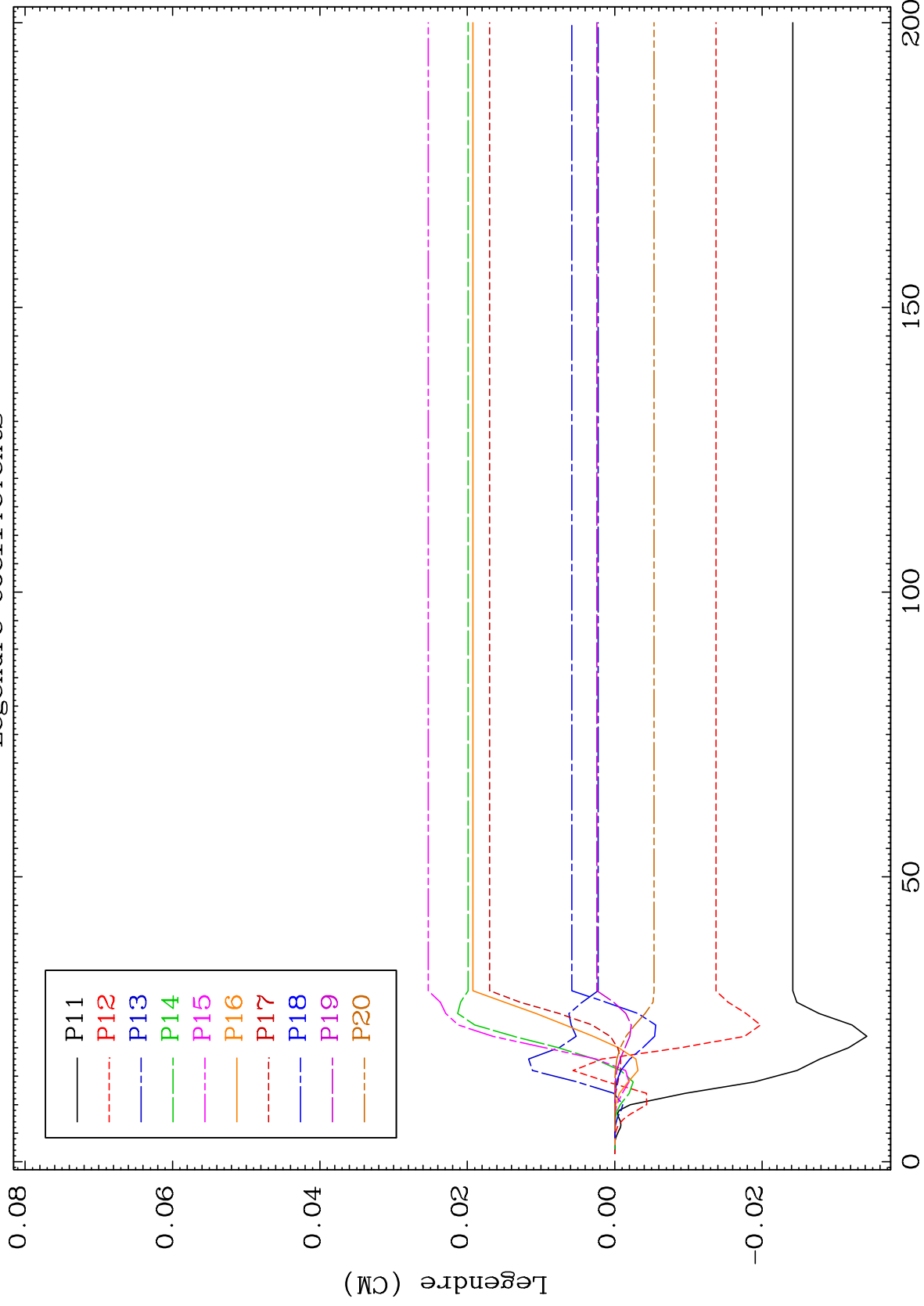




MAT 8089

863.2 keV (n,n') Level
Legendre Coefficients

81-T1-191



77

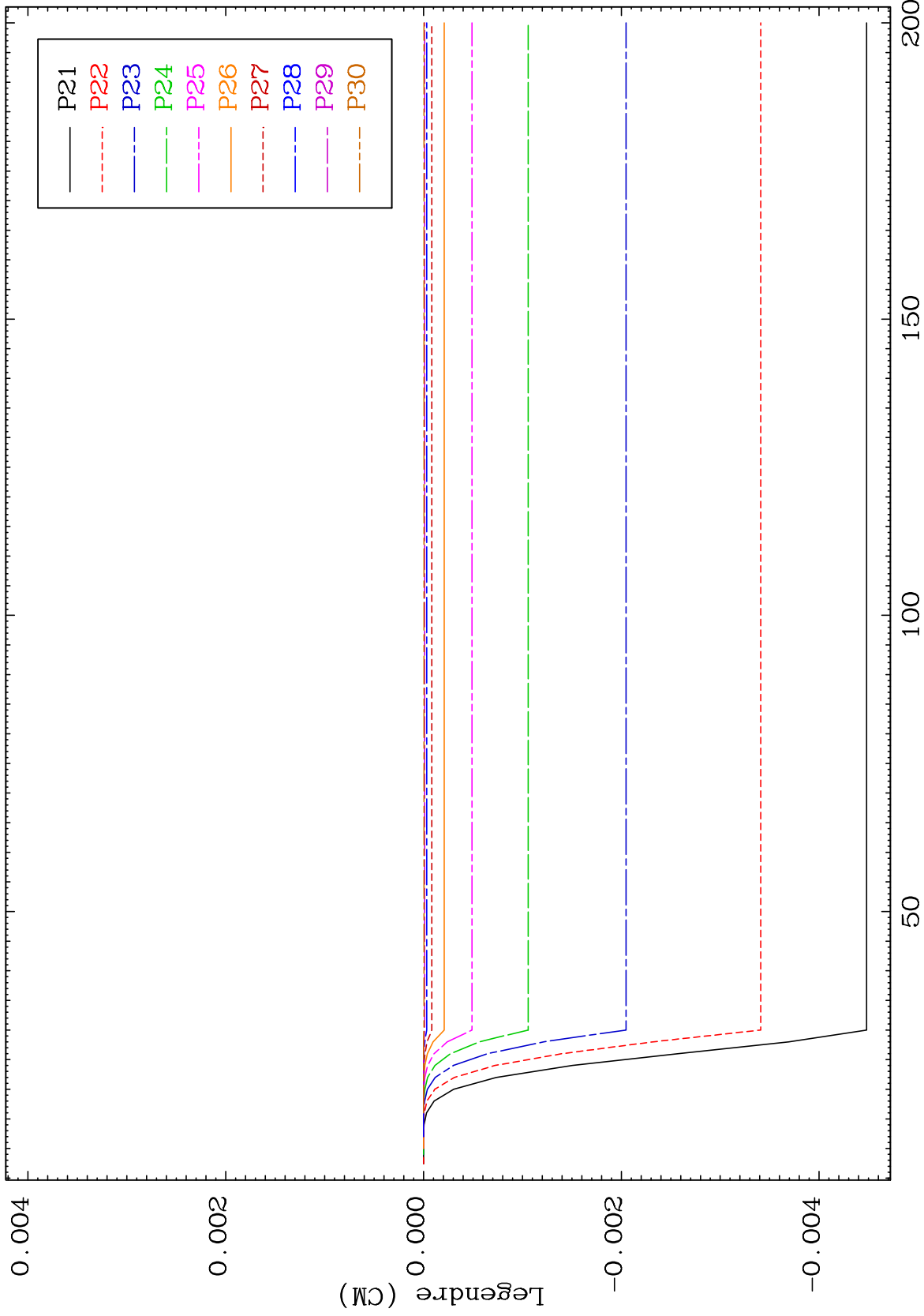
Incident Energy (MeV)

81-T1-191

MAT 8089

863.2 keV (n,n') Level
Legendre Coefficients

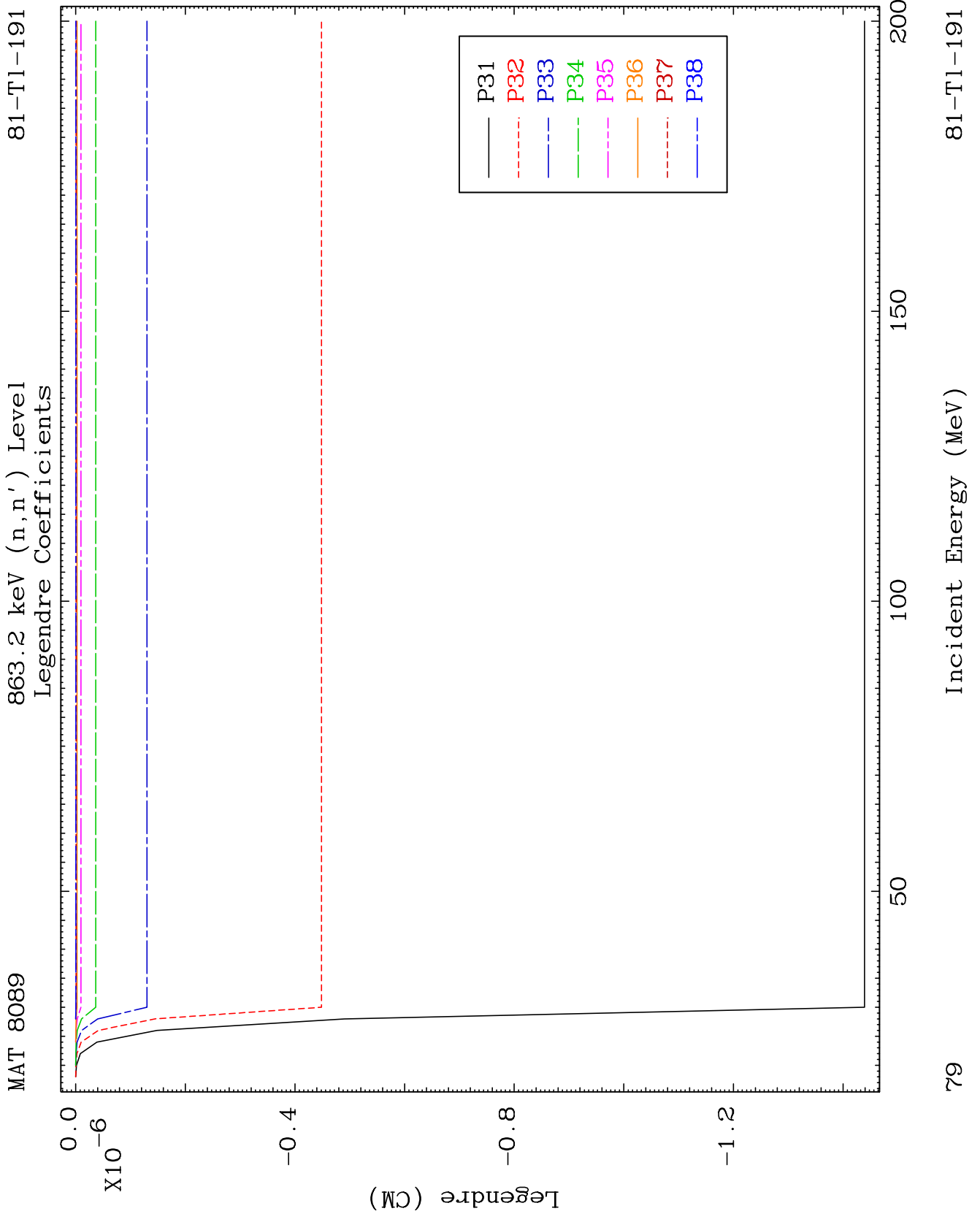
81-Tl-191



78

Incident Energy (MeV)

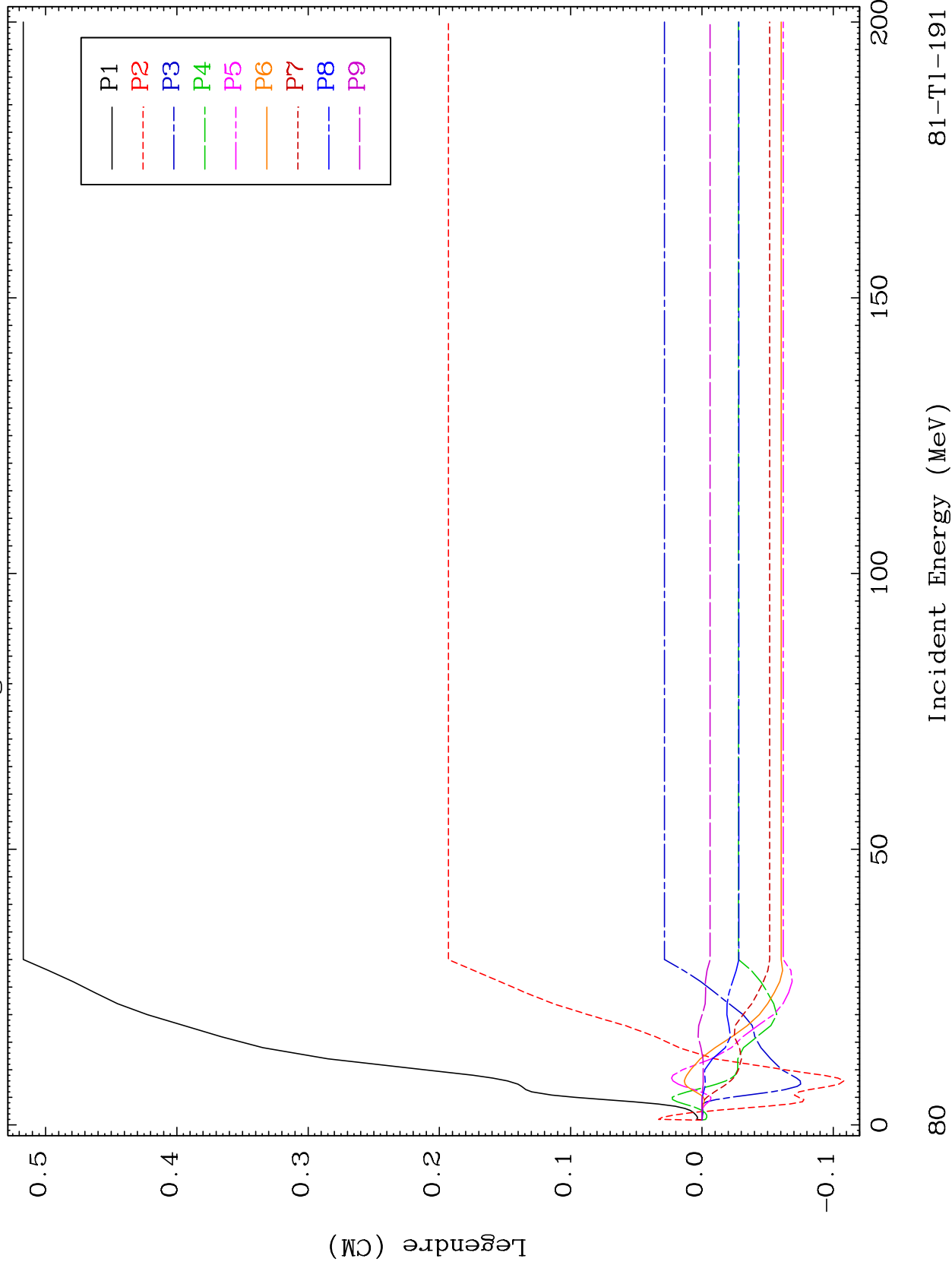
81-Tl-191



MAT 8089

873.5 keV (n,n') Level
Legendre Coefficients

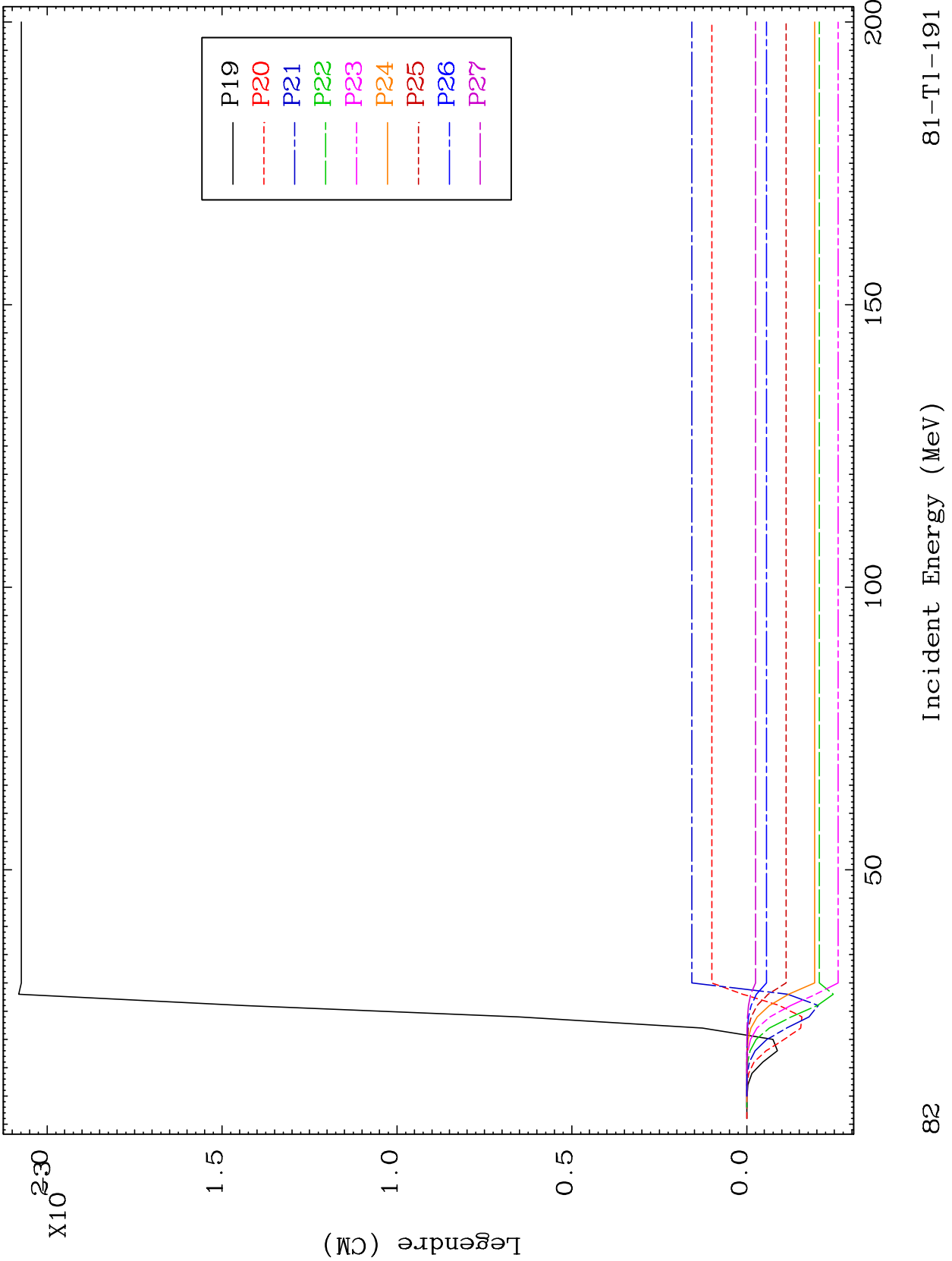
81-Tl-191

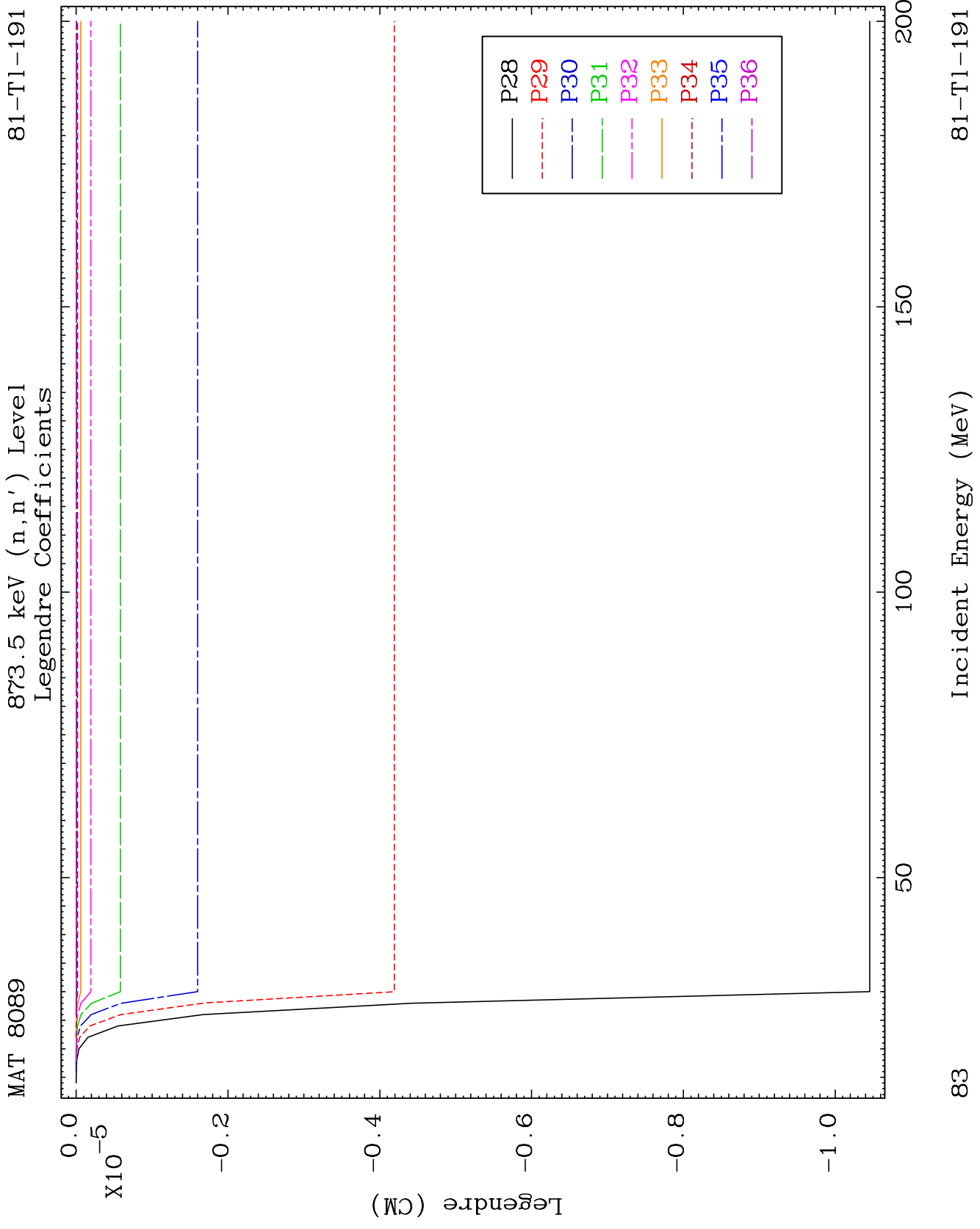


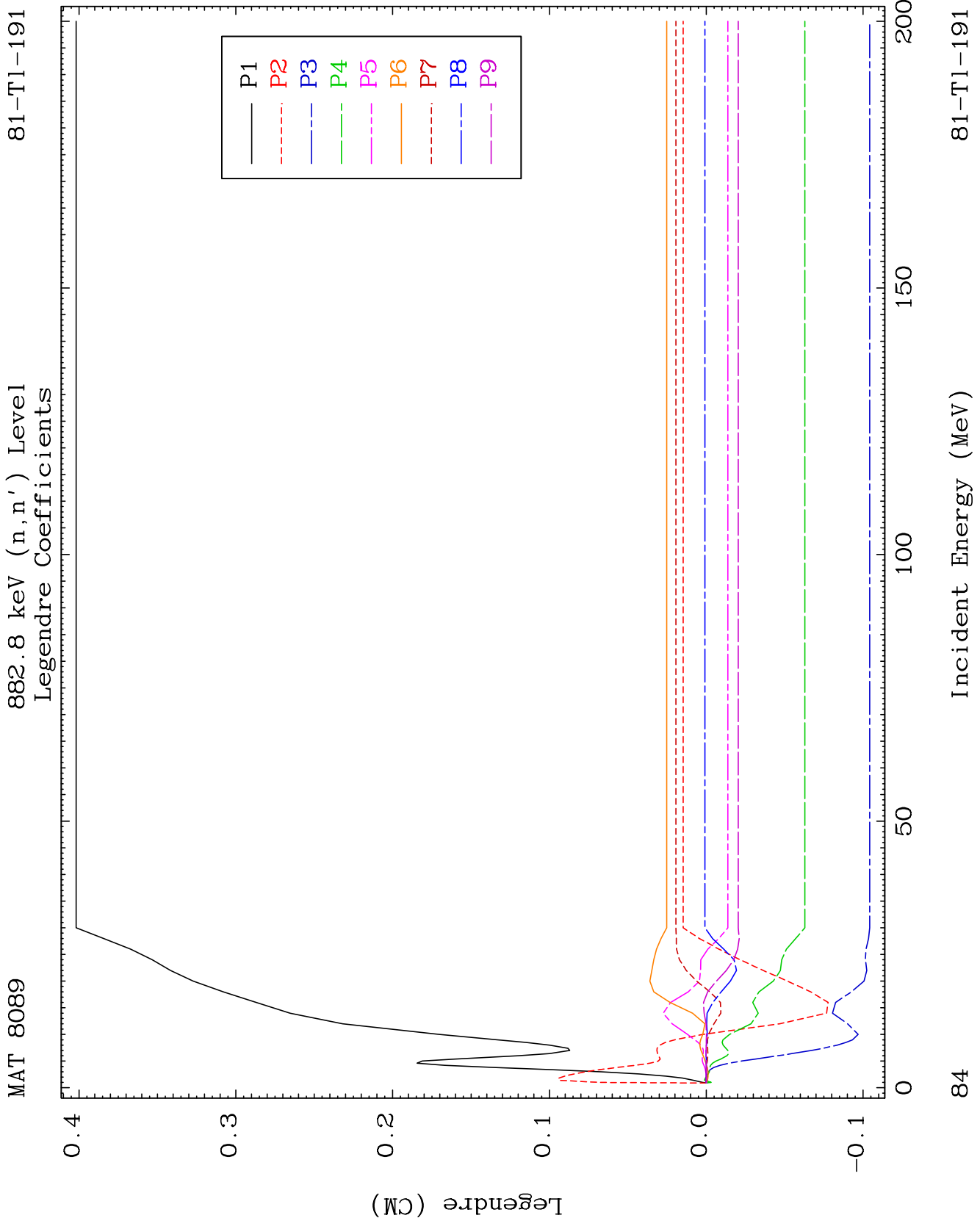
81-Tl-191

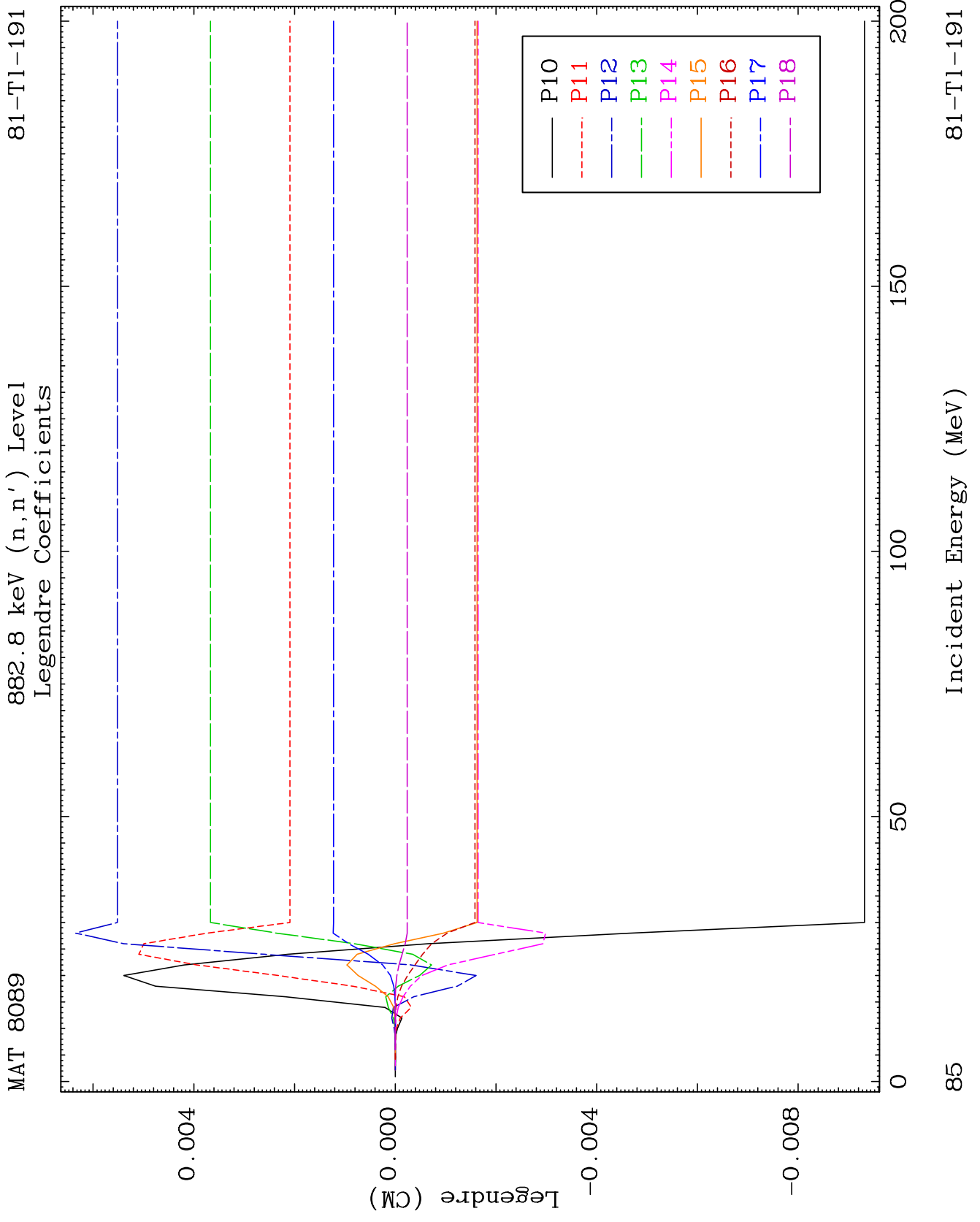
Incident Energy (MeV)

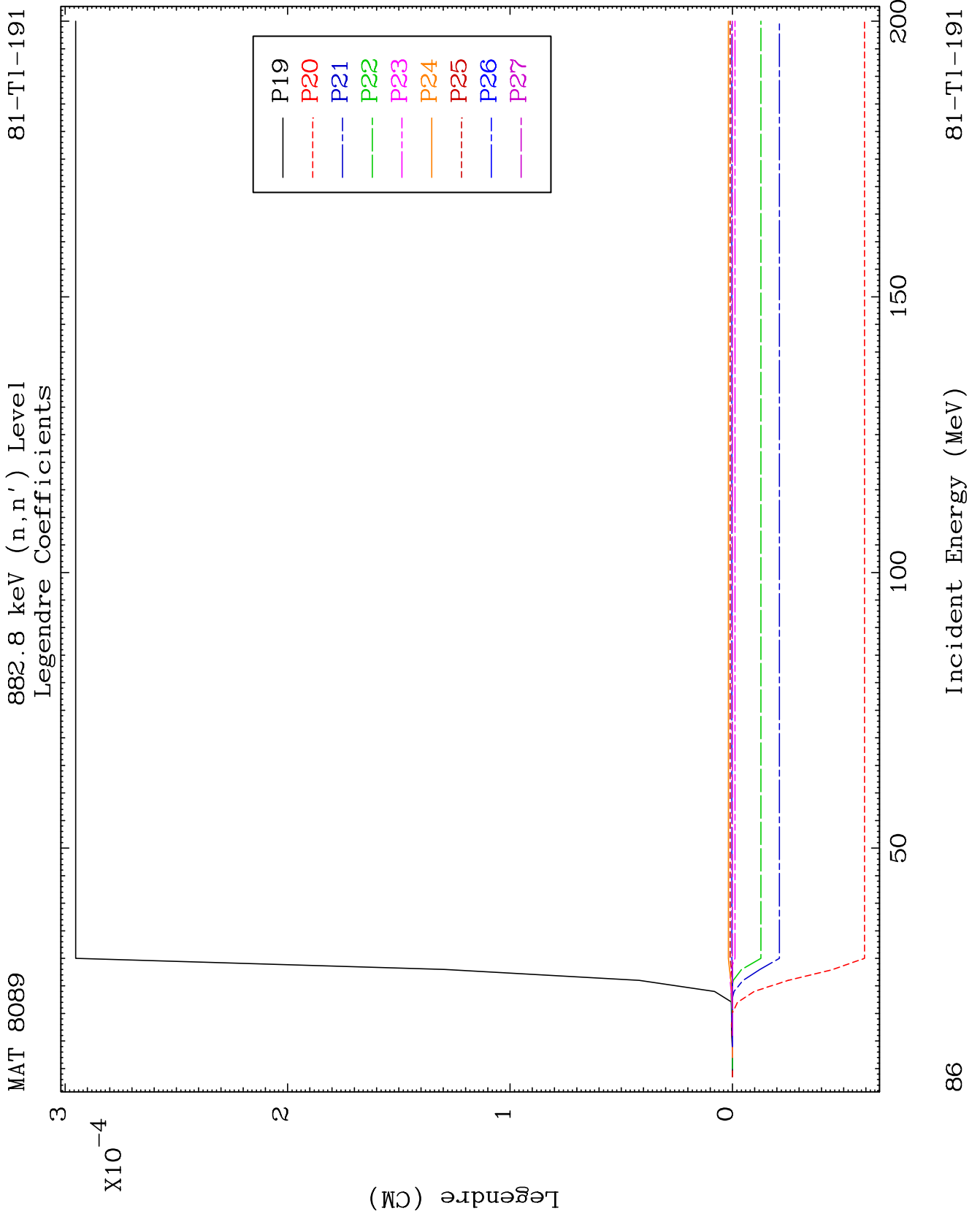
80

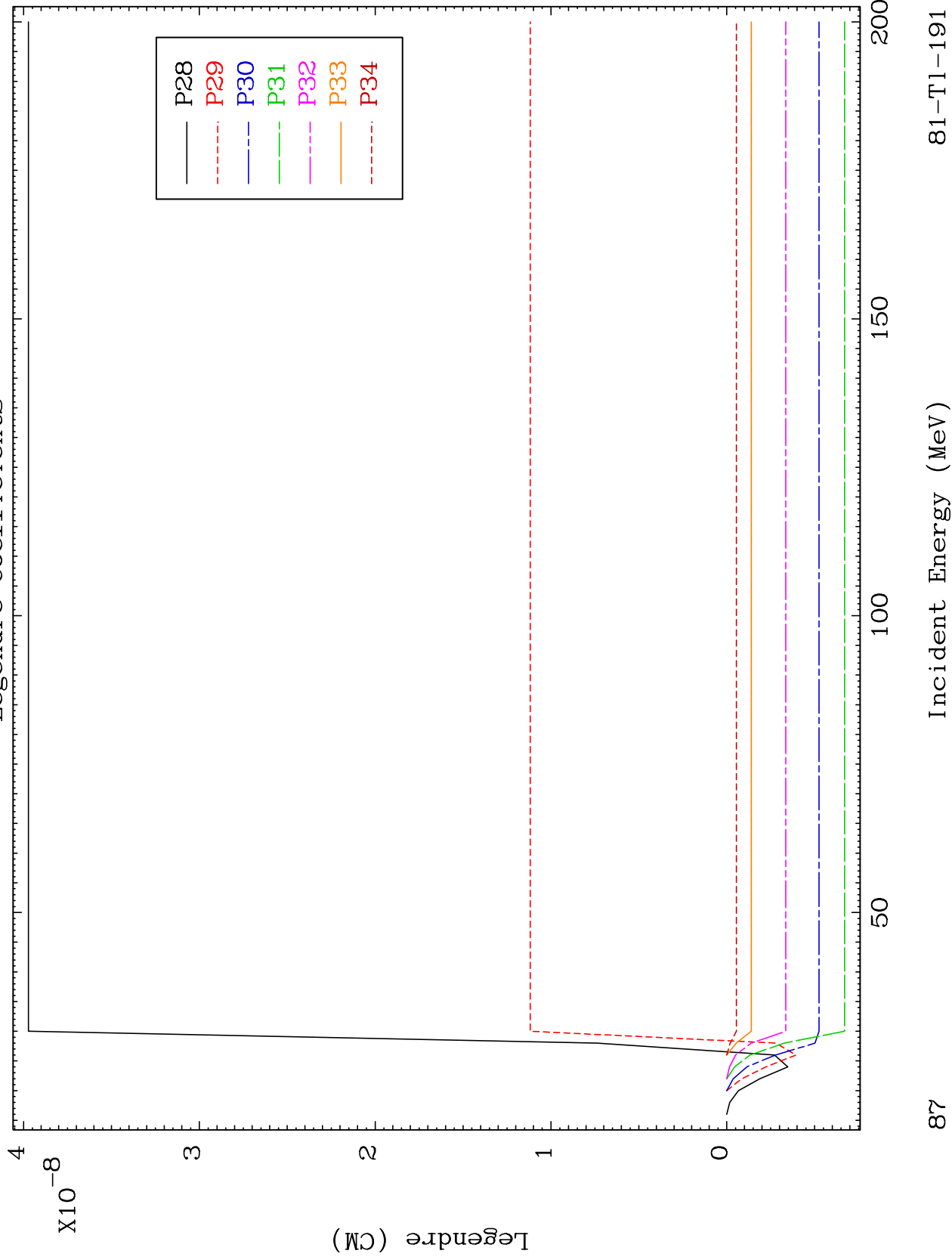


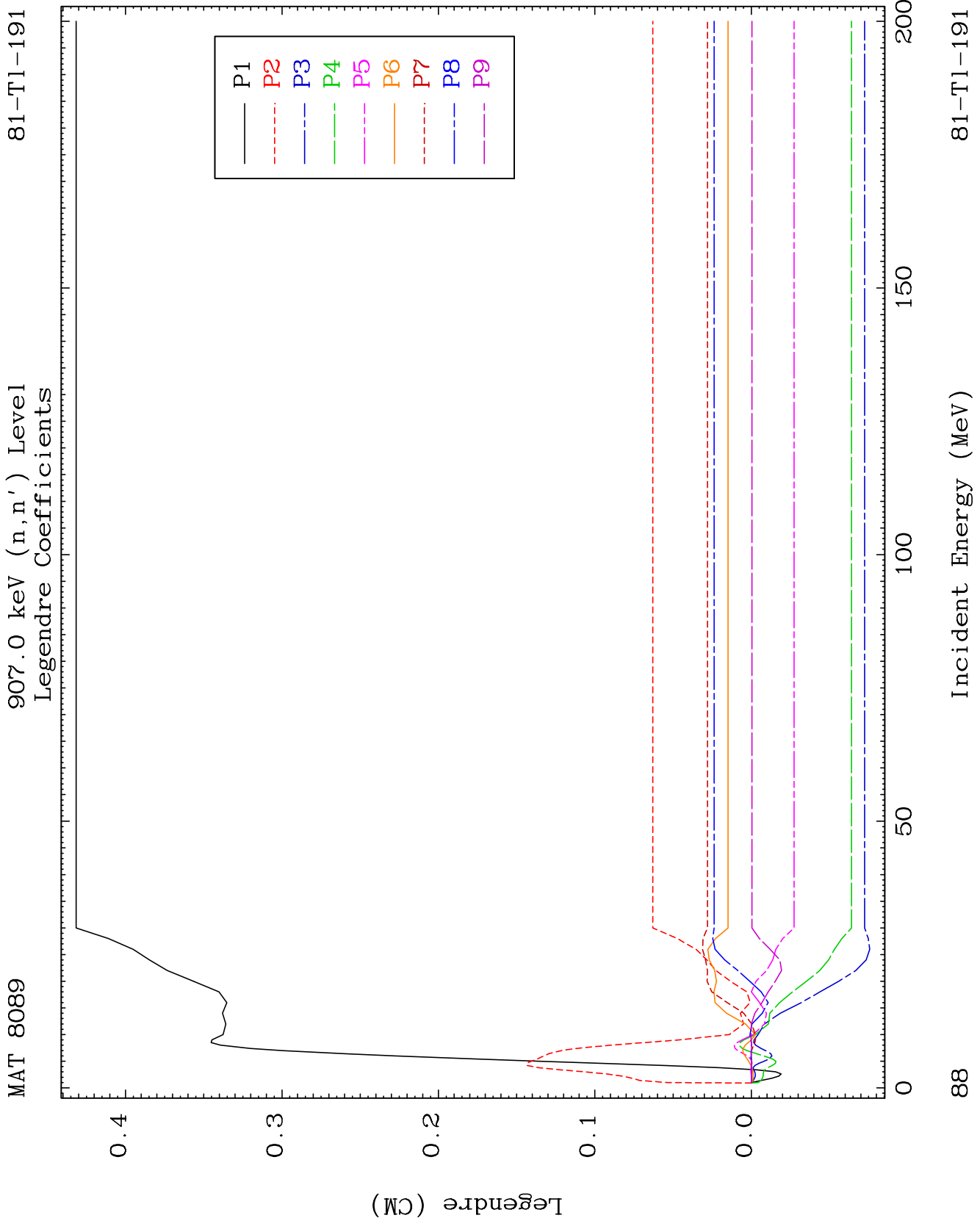


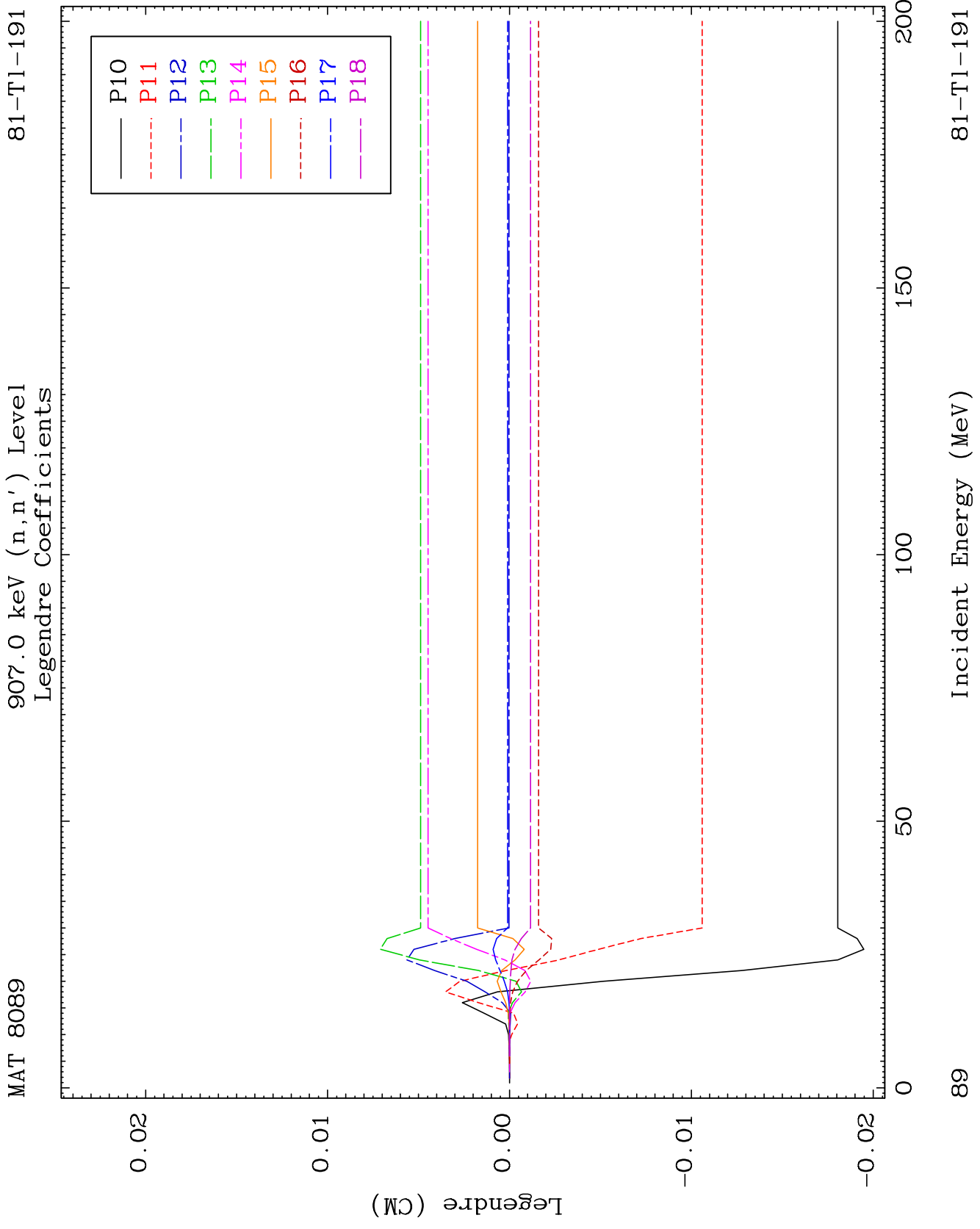








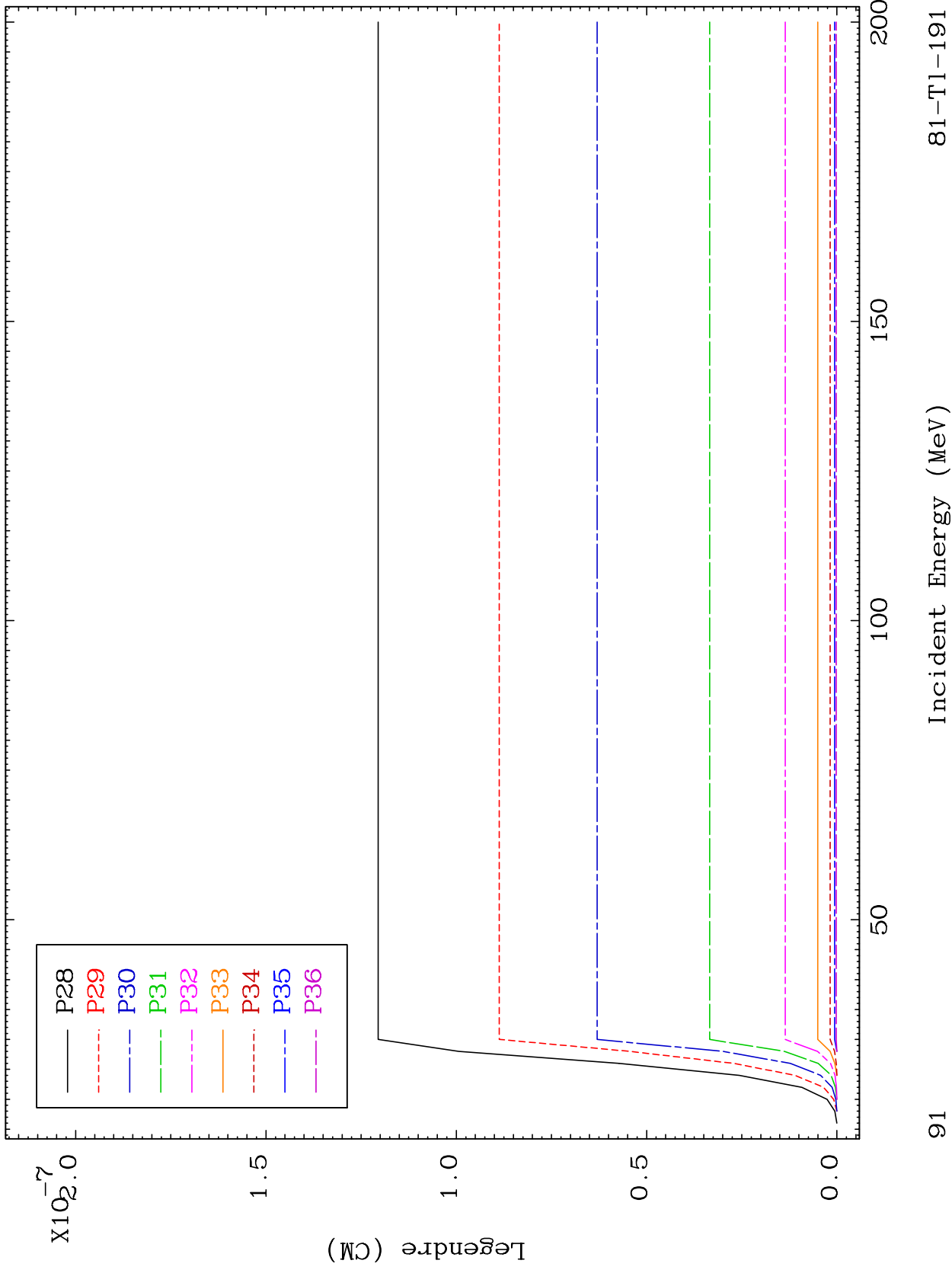




MAT 8089

907.0 keV (n,n') Level
Legendre Coefficients

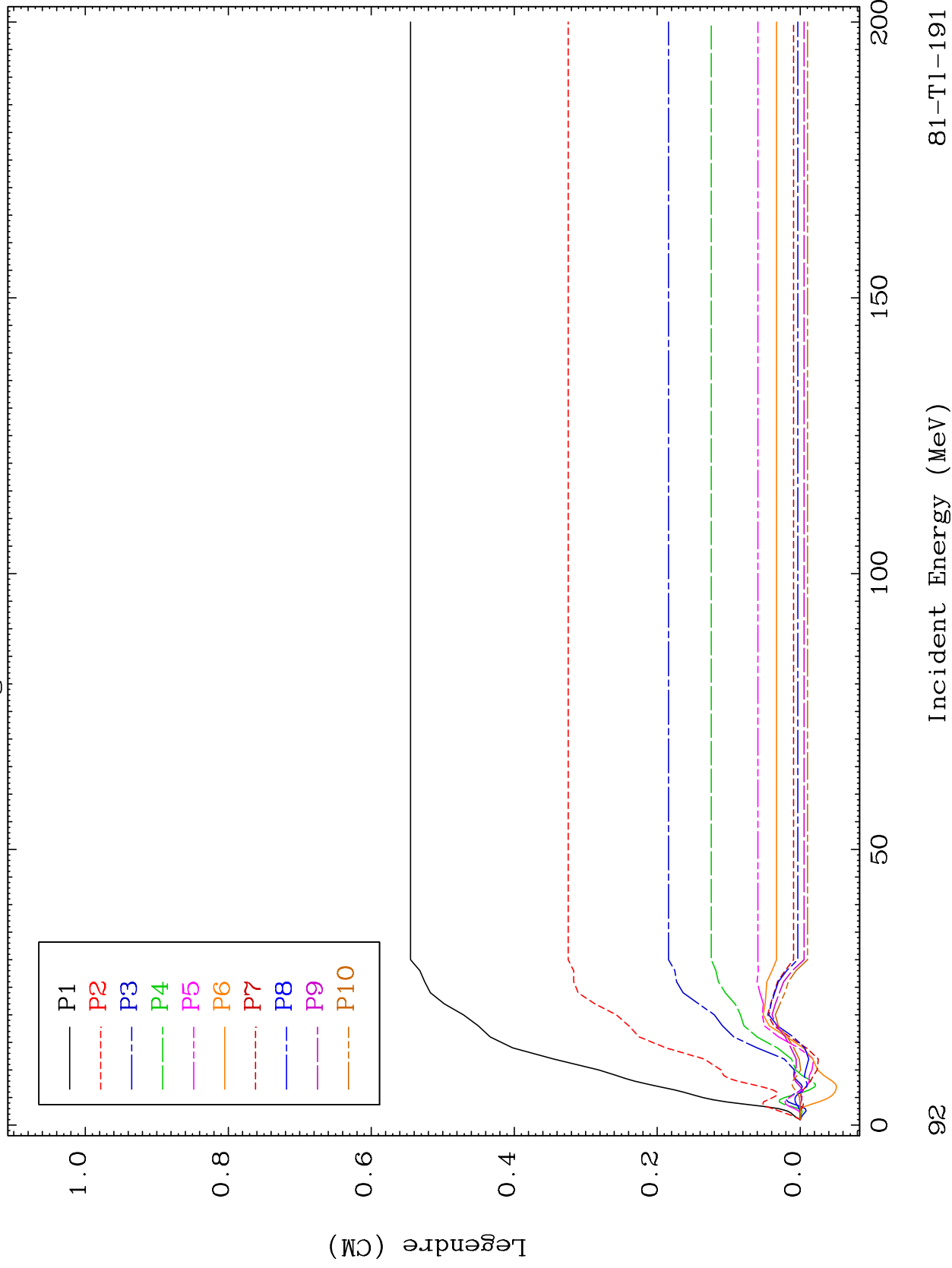
81-Tl-191



MAT 8089

911.8 keV (n,n') Level
Legendre Coefficients

81-Tl-191



92

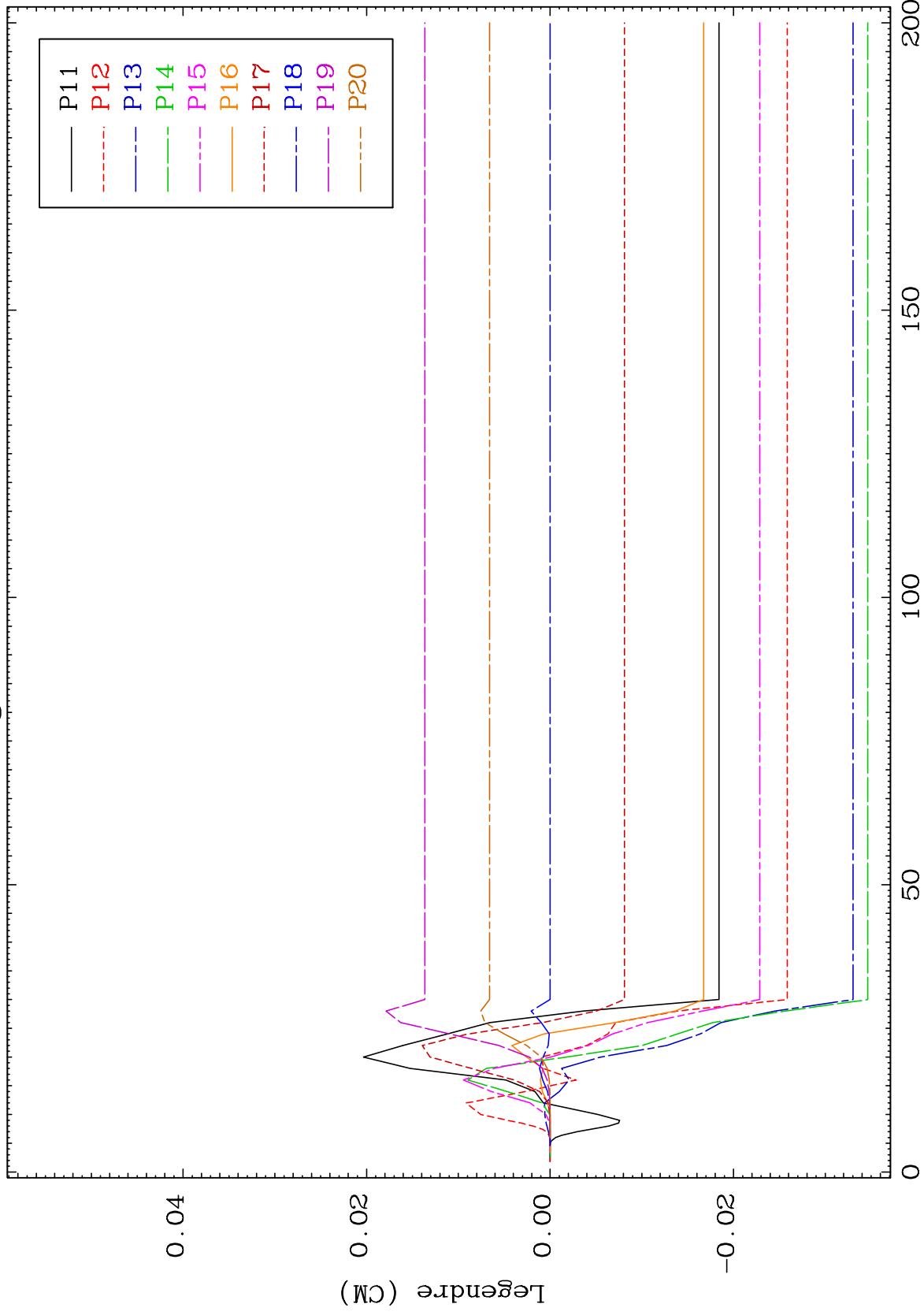
Incident Energy (MeV)

81-Tl-191

MAT 8089

911.8 keV (n,n') Level
Legendre Coefficients

81-Tl-191



93

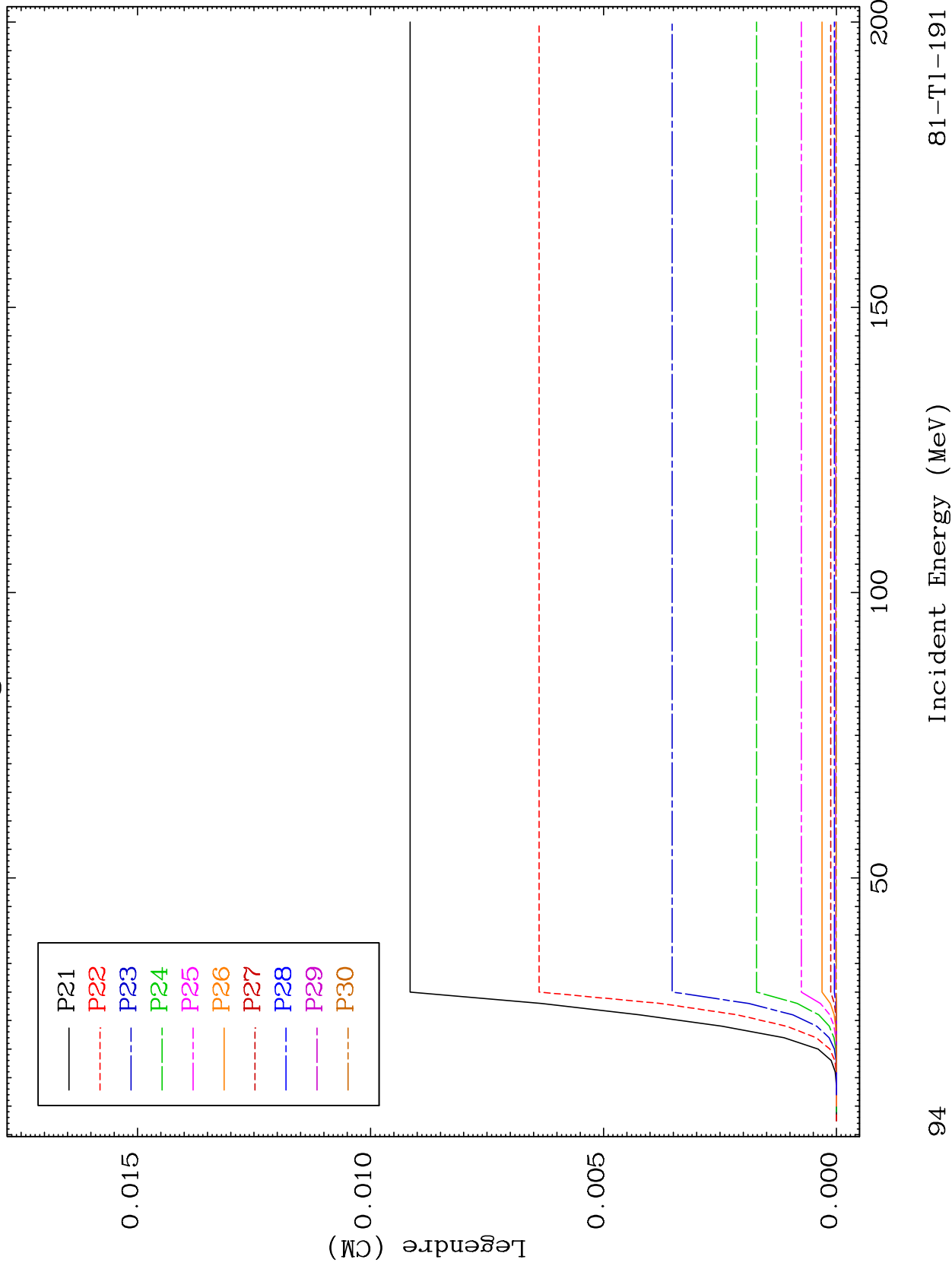
Incident Energy (MeV)

81-Tl-191

MAT 8089

911.8 keV (n,n') Level
Legendre Coefficients

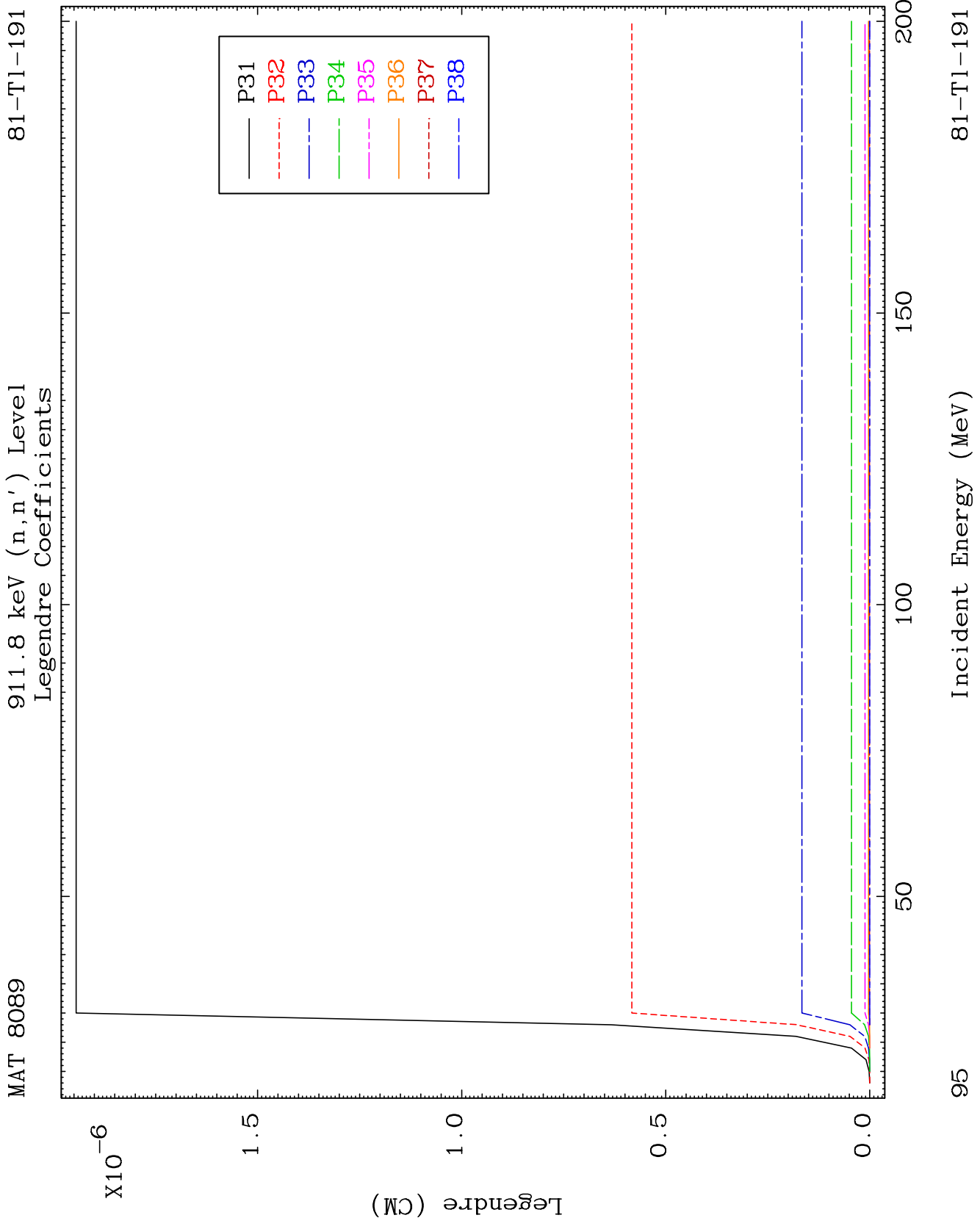
81-Tl-191



94

Incident Energy (MeV)

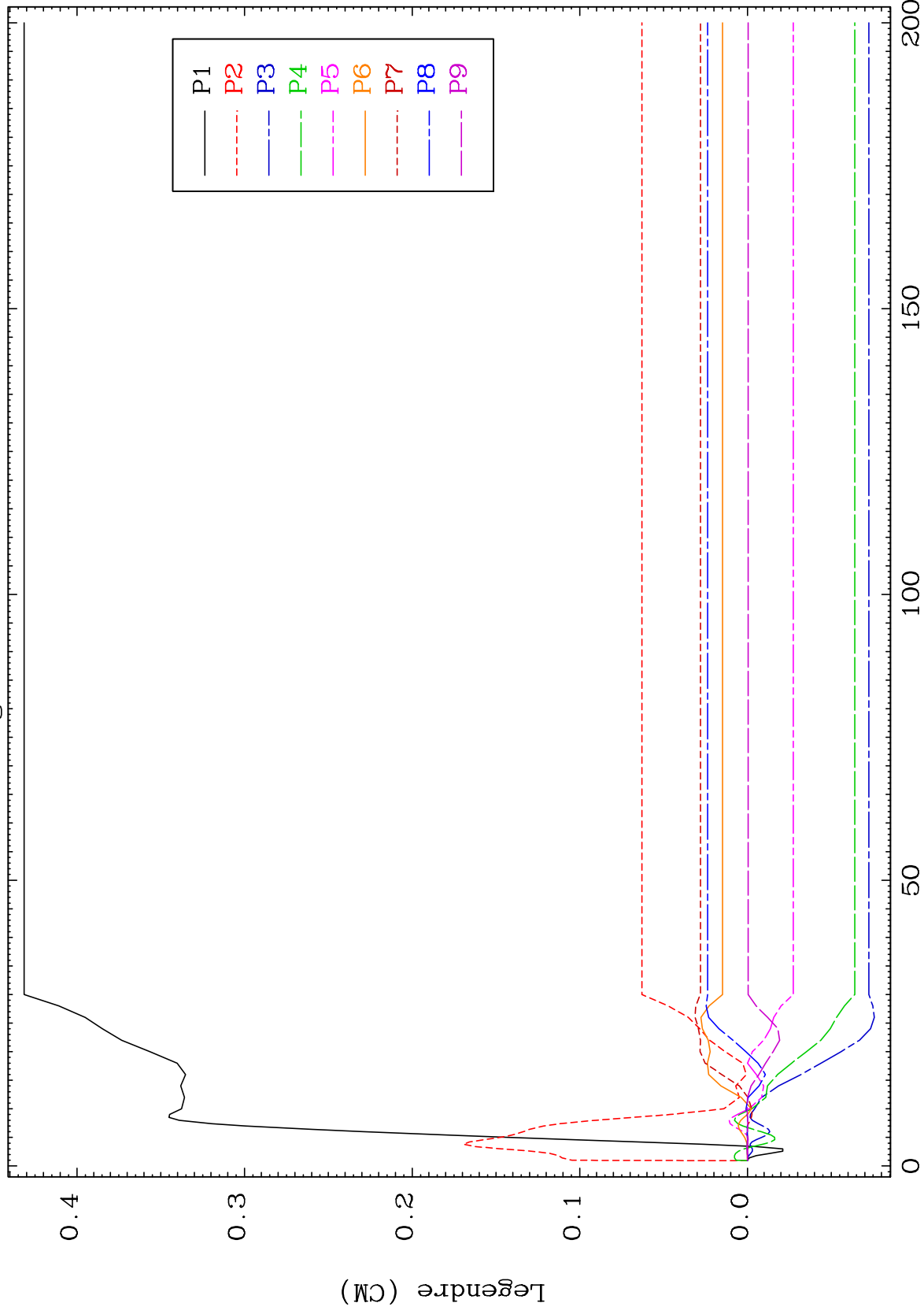
81-Tl-191



MAT 8089

918.1 keV (n,n') Level
Legendre Coefficients

81-Tl-191



96

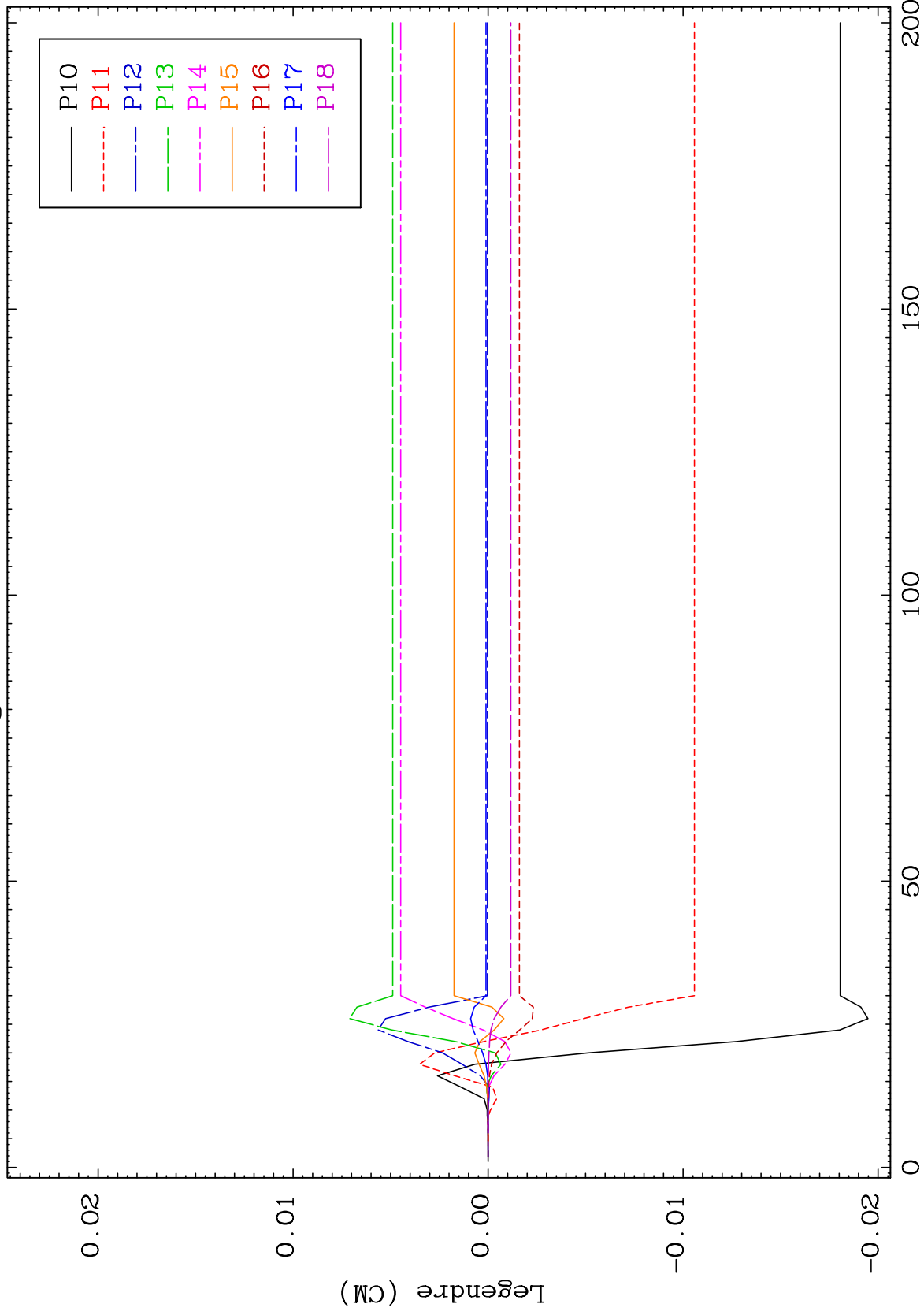
Incident Energy (MeV)

81-Tl-191

MAT 8089

918.1 keV (n,n') Level
Legendre Coefficients

81-Tl-191



97

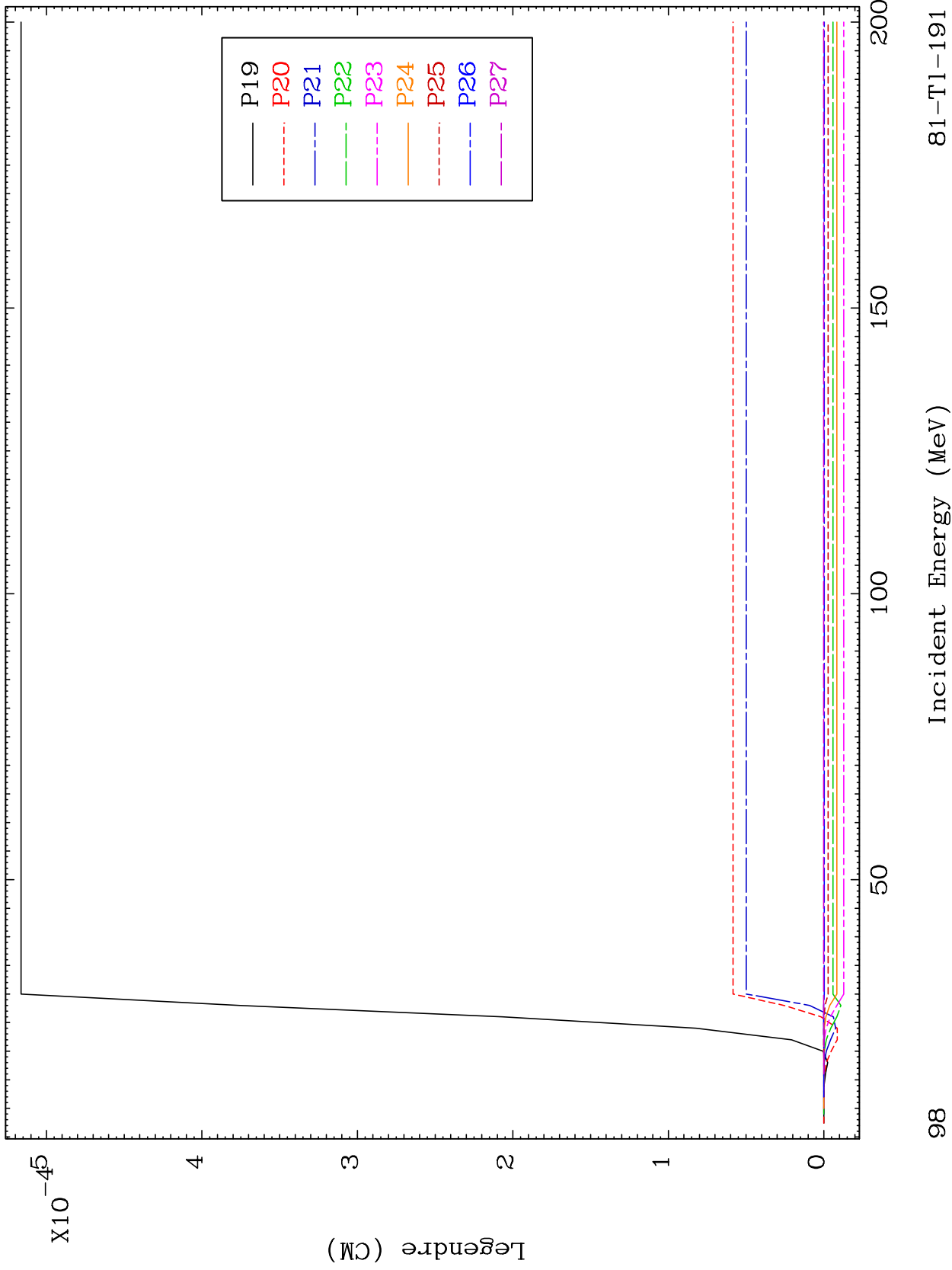
Incident Energy (MeV)

81-Tl-191

MAT 8089

918.1 keV (n,n') Level
Legendre Coefficients

81-Tl-191



98

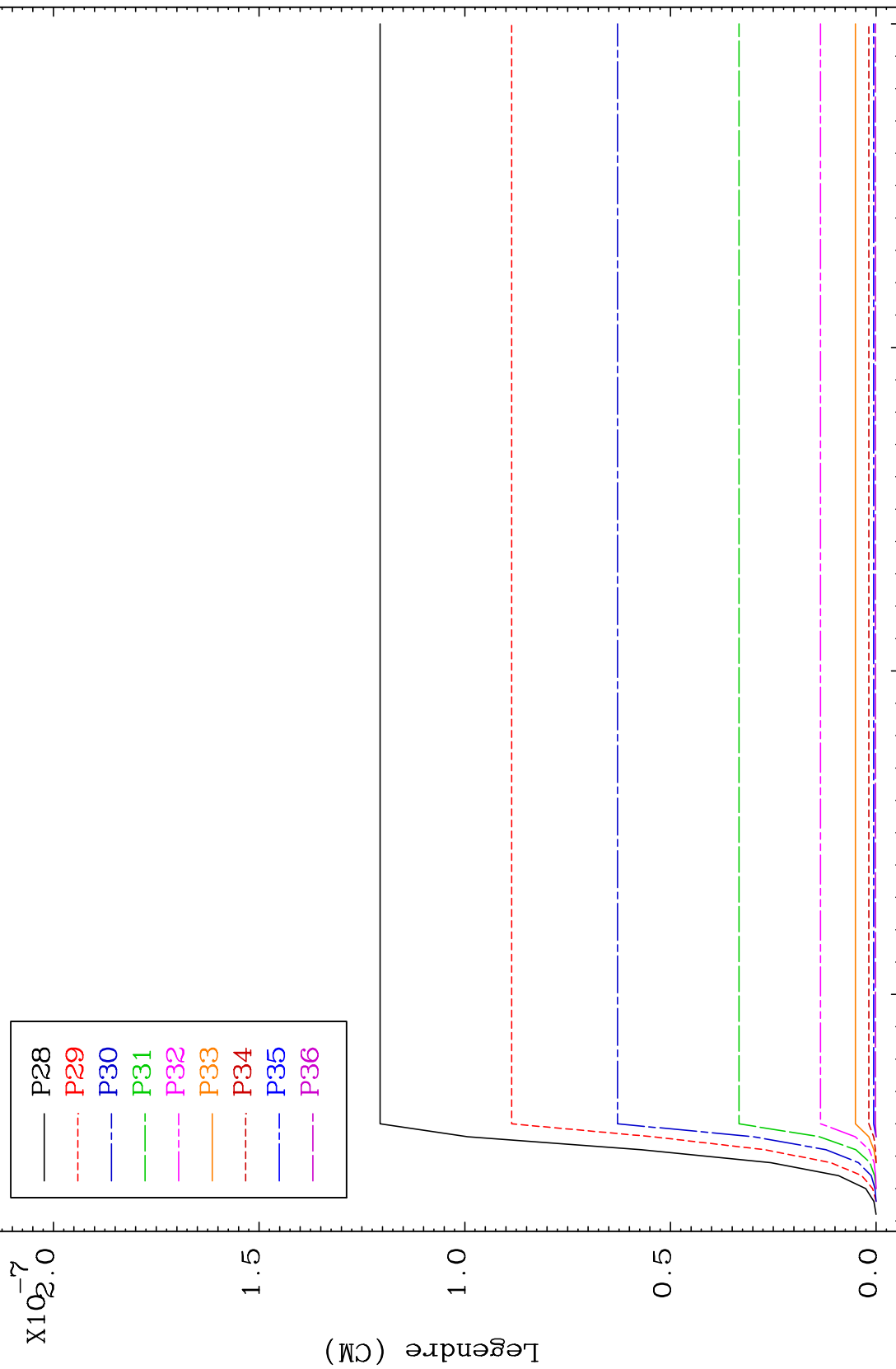
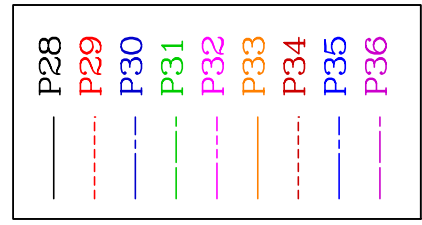
Incident Energy (MeV)

81-Tl-191

MAT 8089

918.1 keV (n,n') Level
Legendre Coefficients

81-Tl-191



99

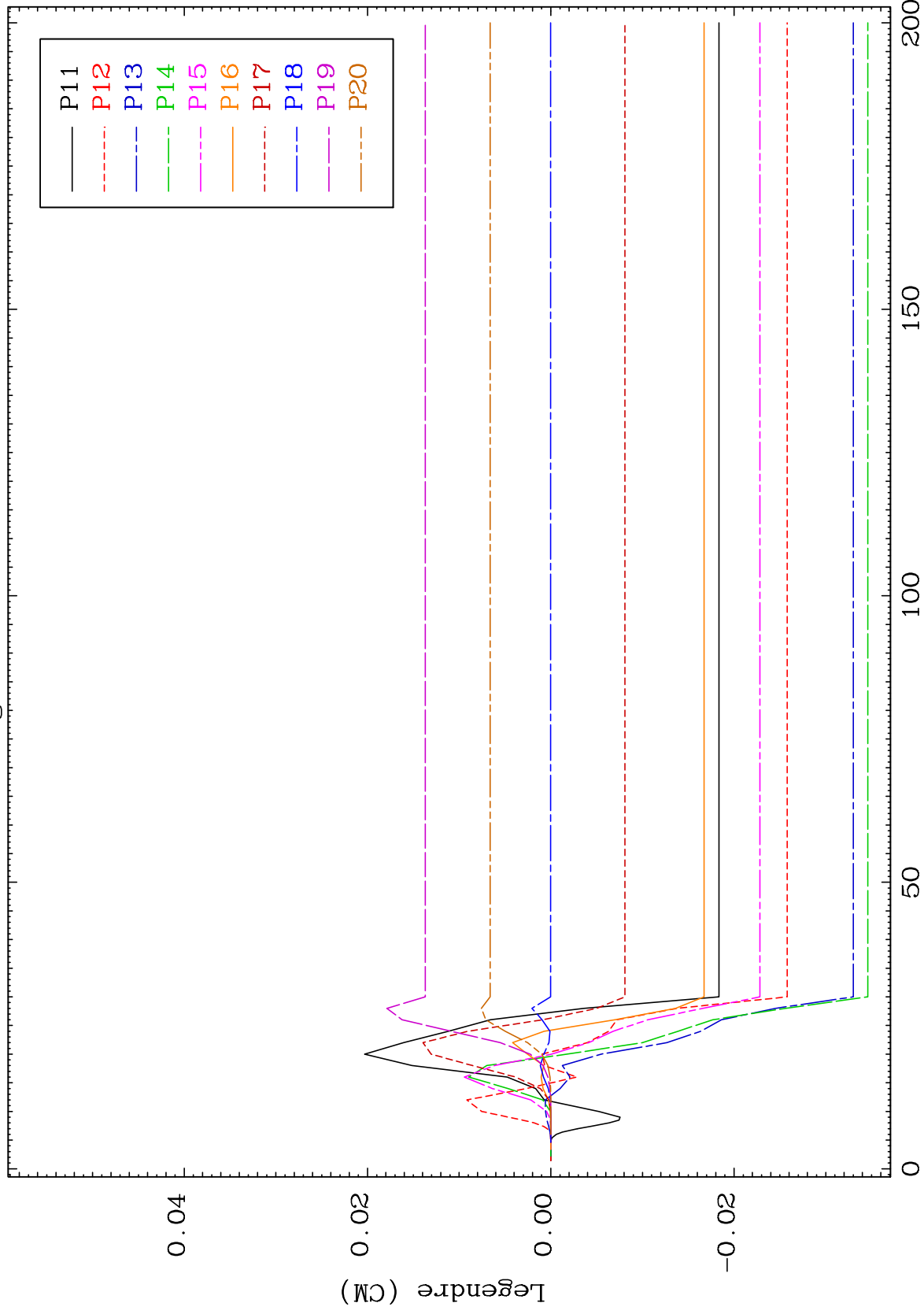
Incident Energy (MeV)

81-Tl-191

MAT 8089

937.9 keV (n,n') Level
Legendre Coefficients

81-T1-191



101

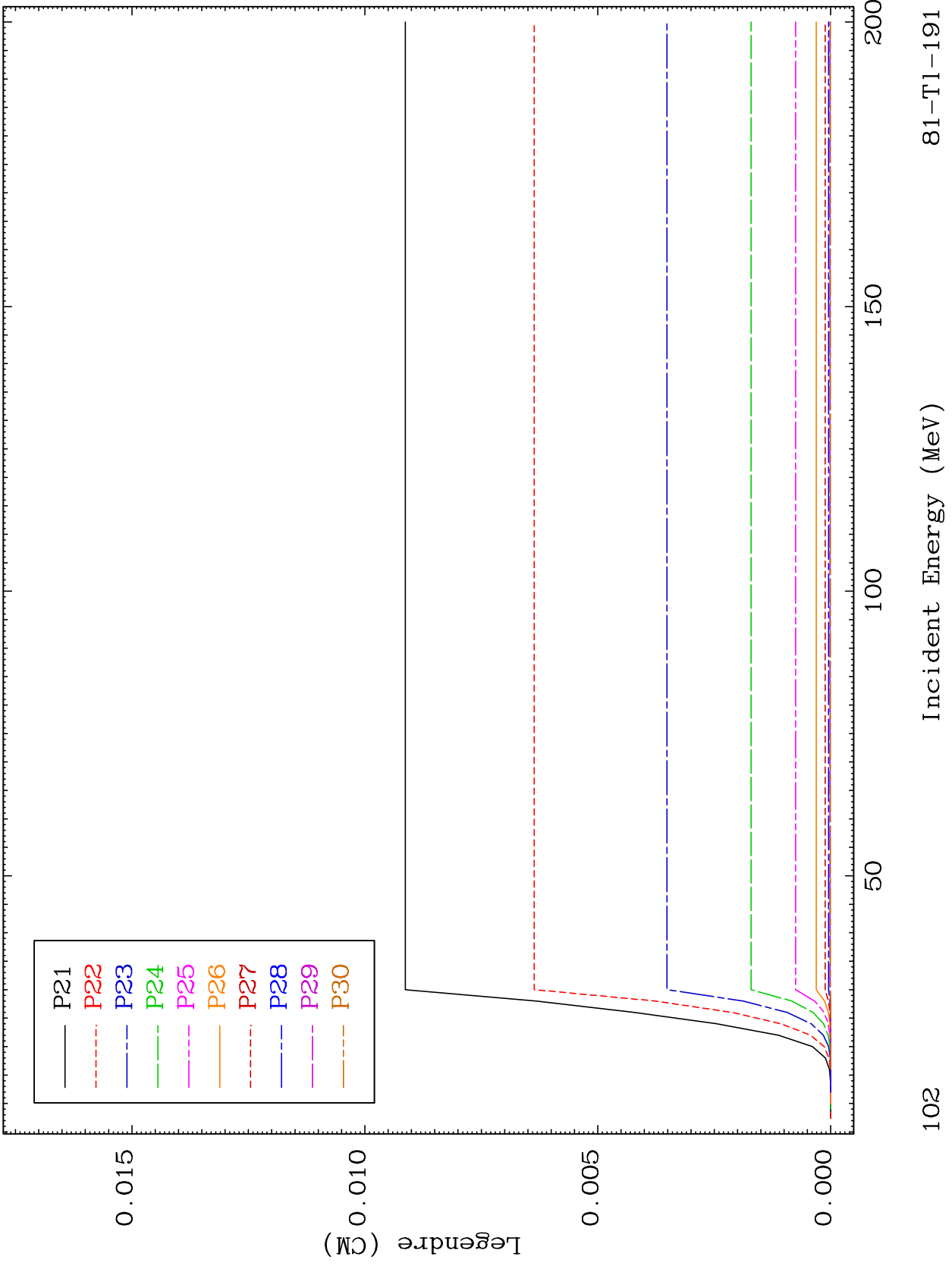
Incident Energy (MeV)

81-T1-191

MAT 8089

937.9 keV (n,n') Level
Legendre Coefficients

81-Tl-191



102

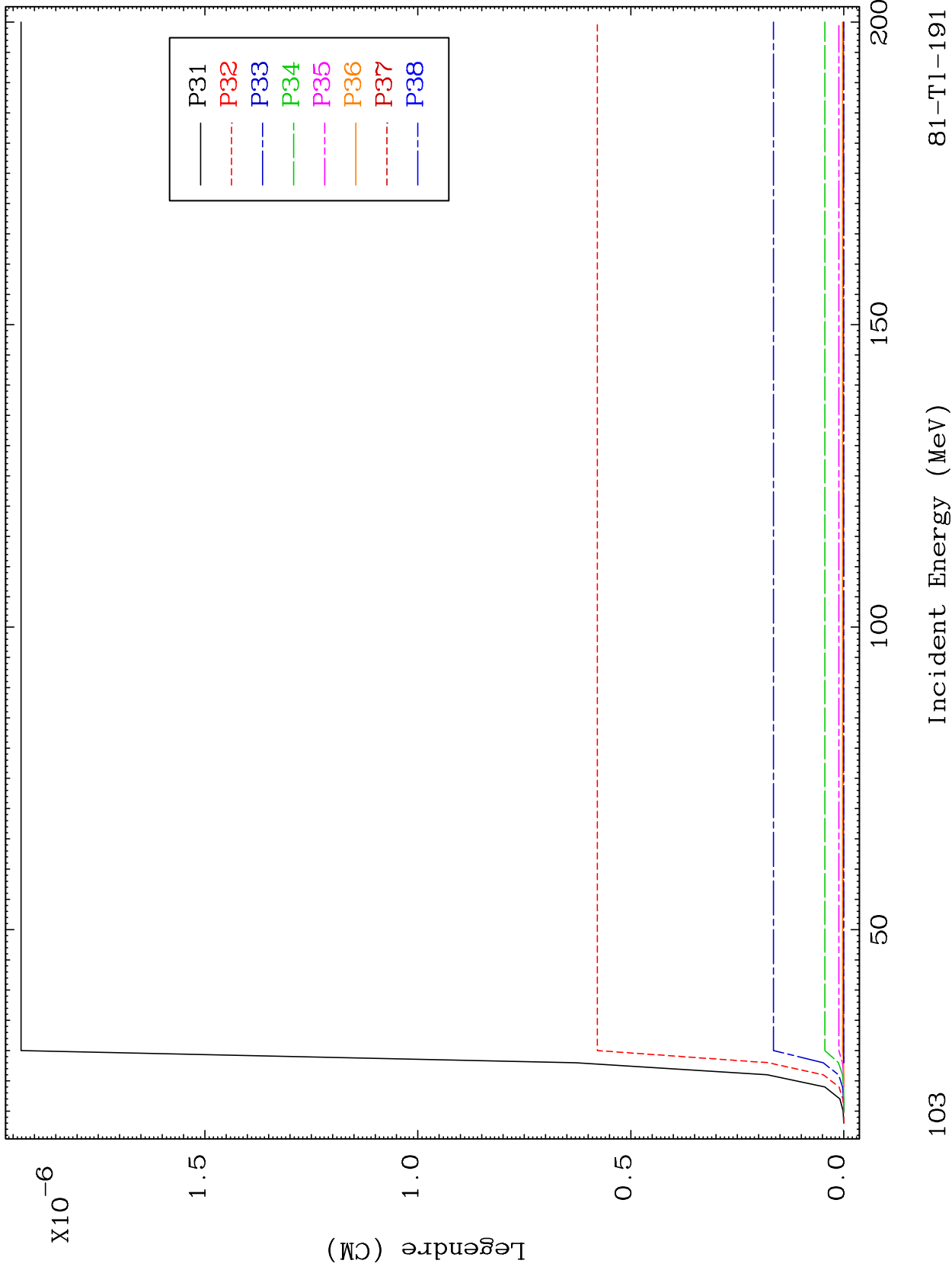
Incident Energy (MeV)

81-Tl-191

MAT 8089

937.9 keV (n,n') Level
Legendre Coefficients

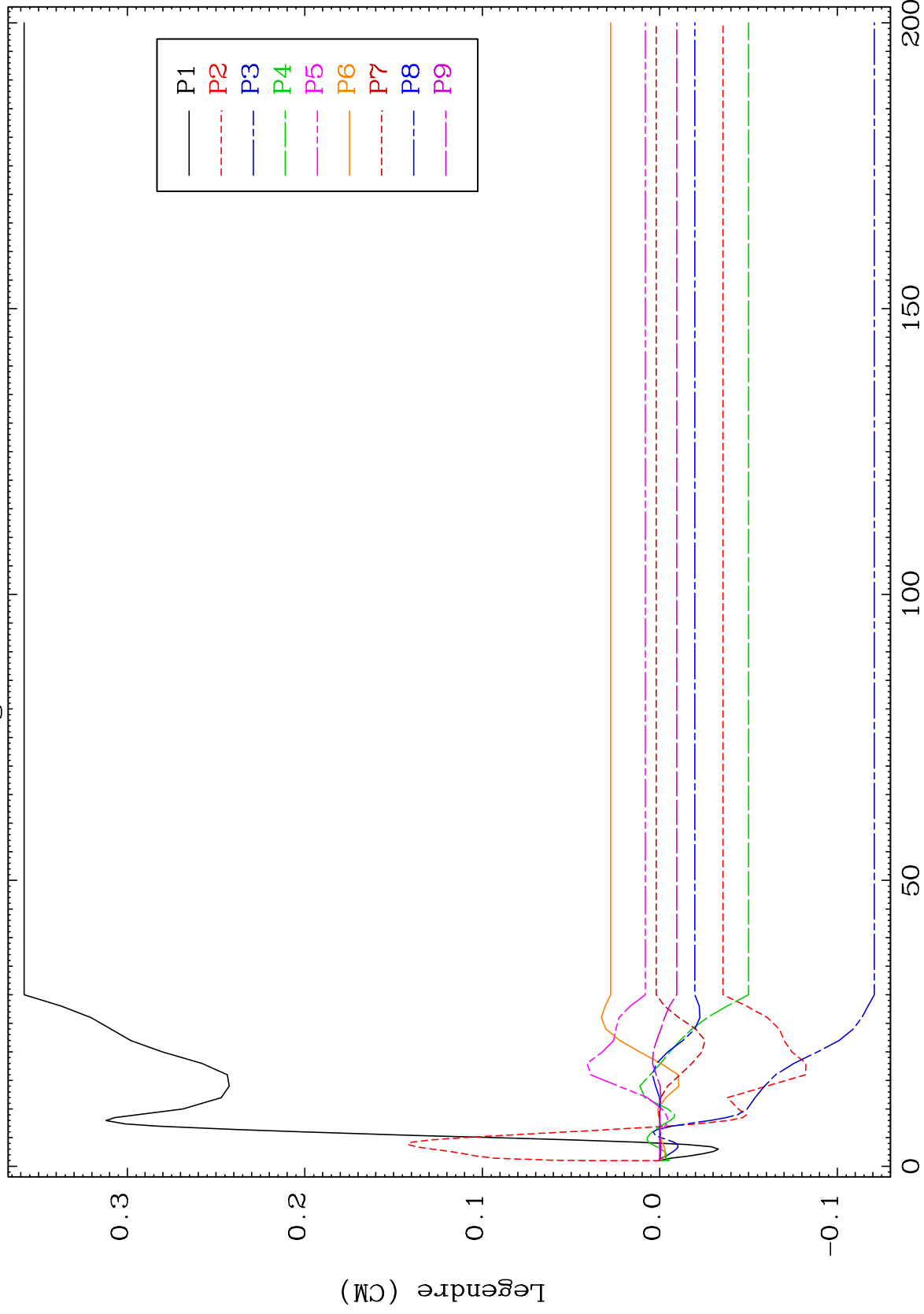
81-Tl-191



MAT 8089

956.9 keV (n,n') Level
Legendre Coefficients

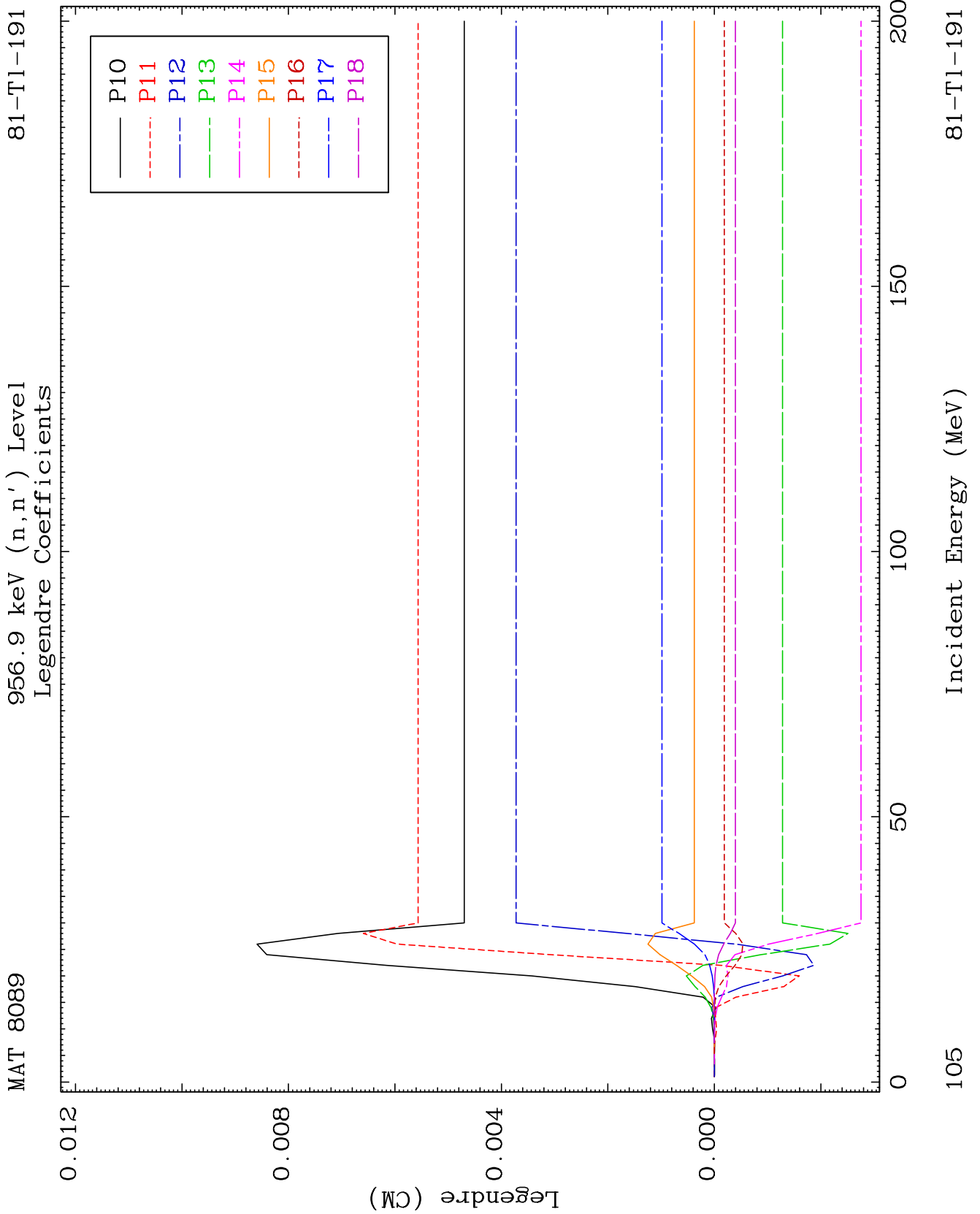
81-T1-191

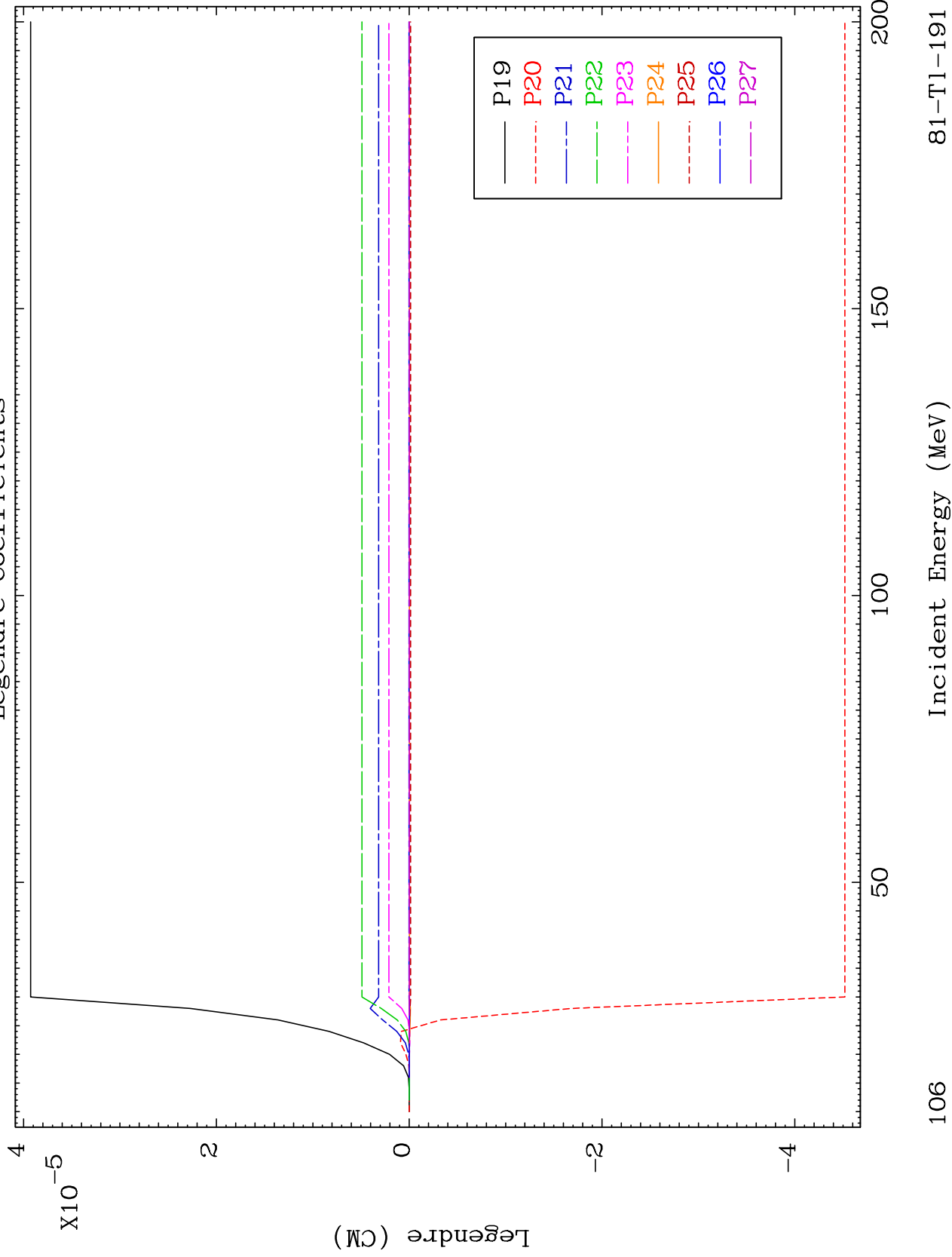


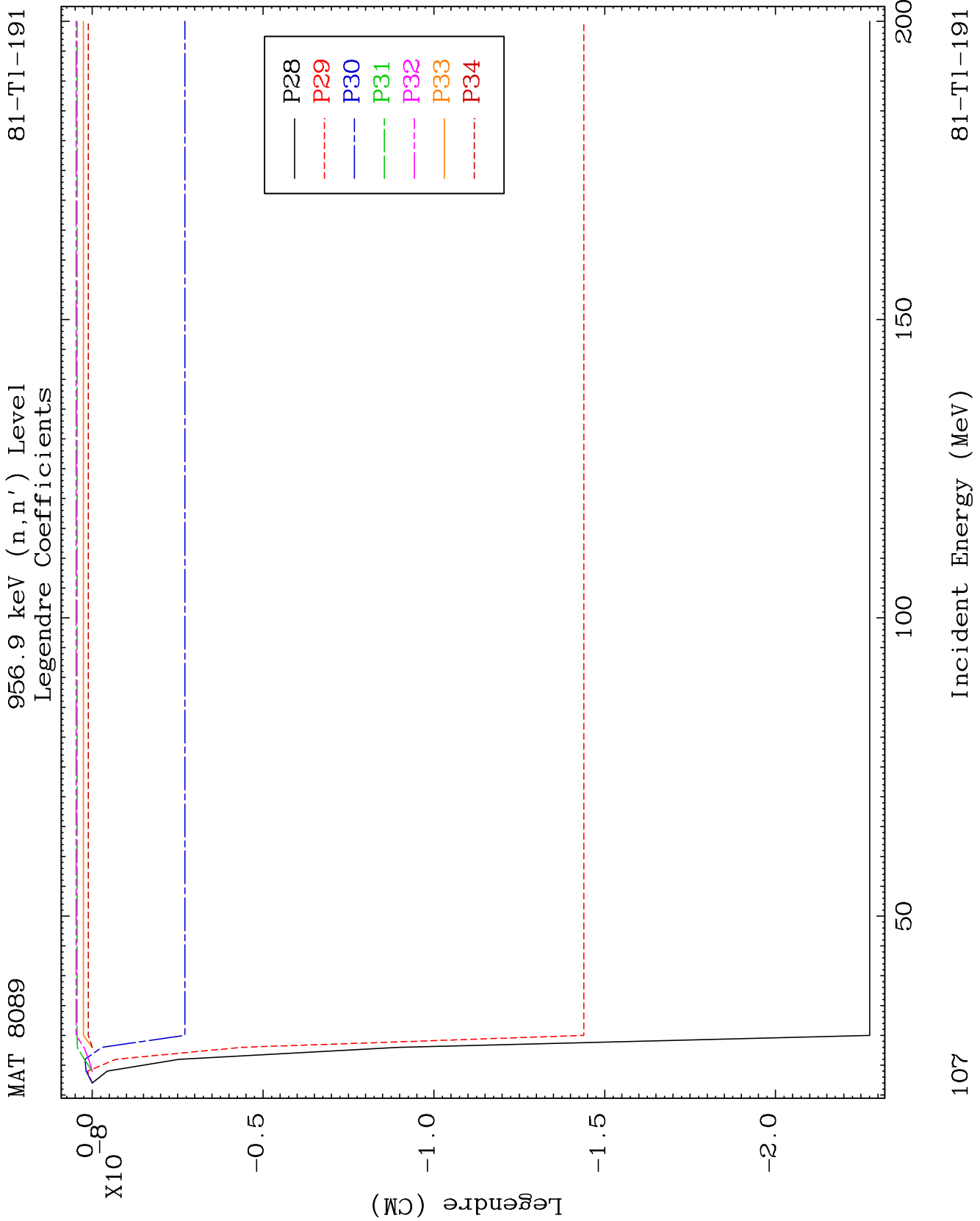
104

Incident Energy (MeV)

81-T1-191



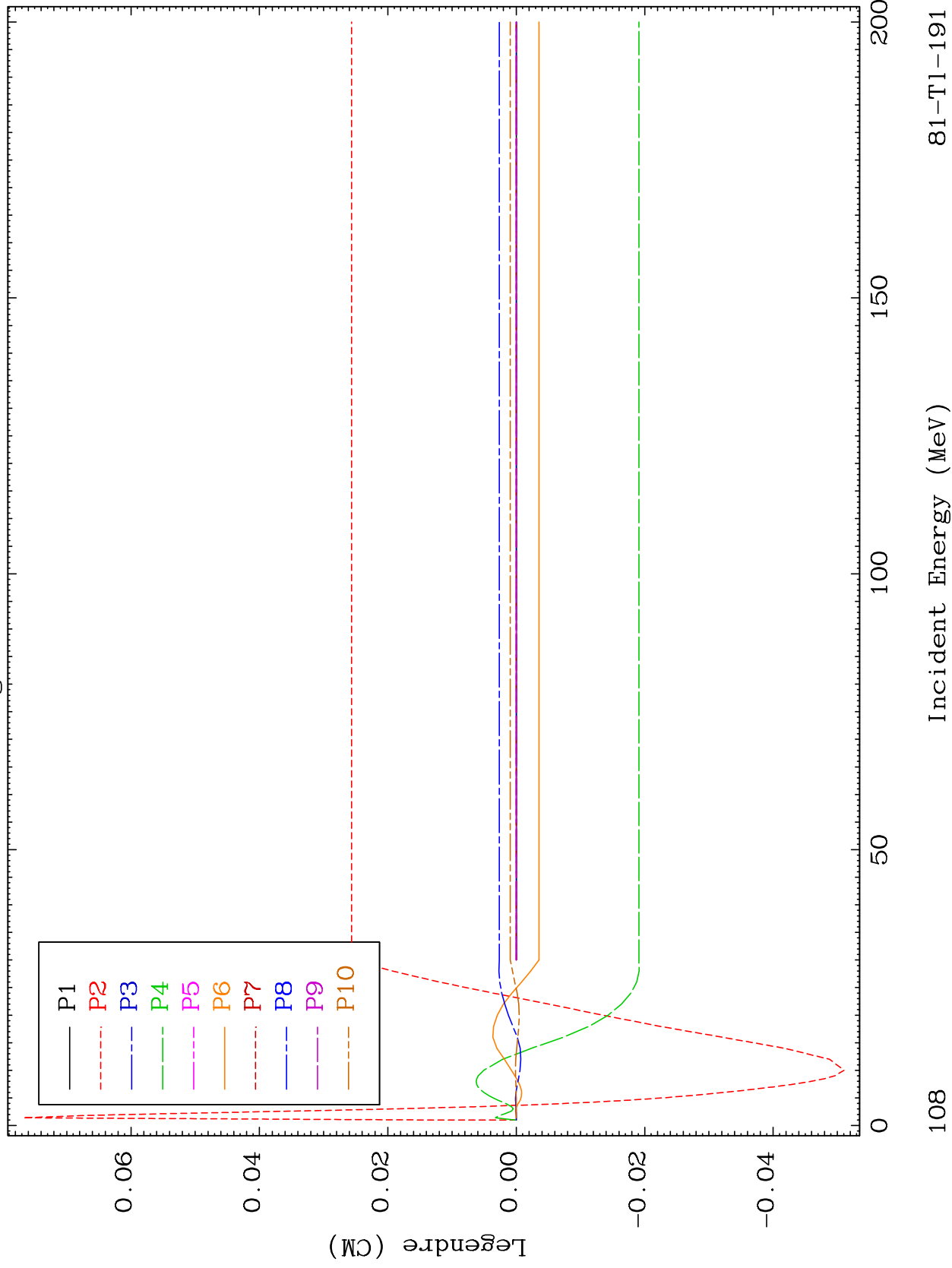




MAT 8089

977.4 keV (n,n') Level
Legendre Coefficients

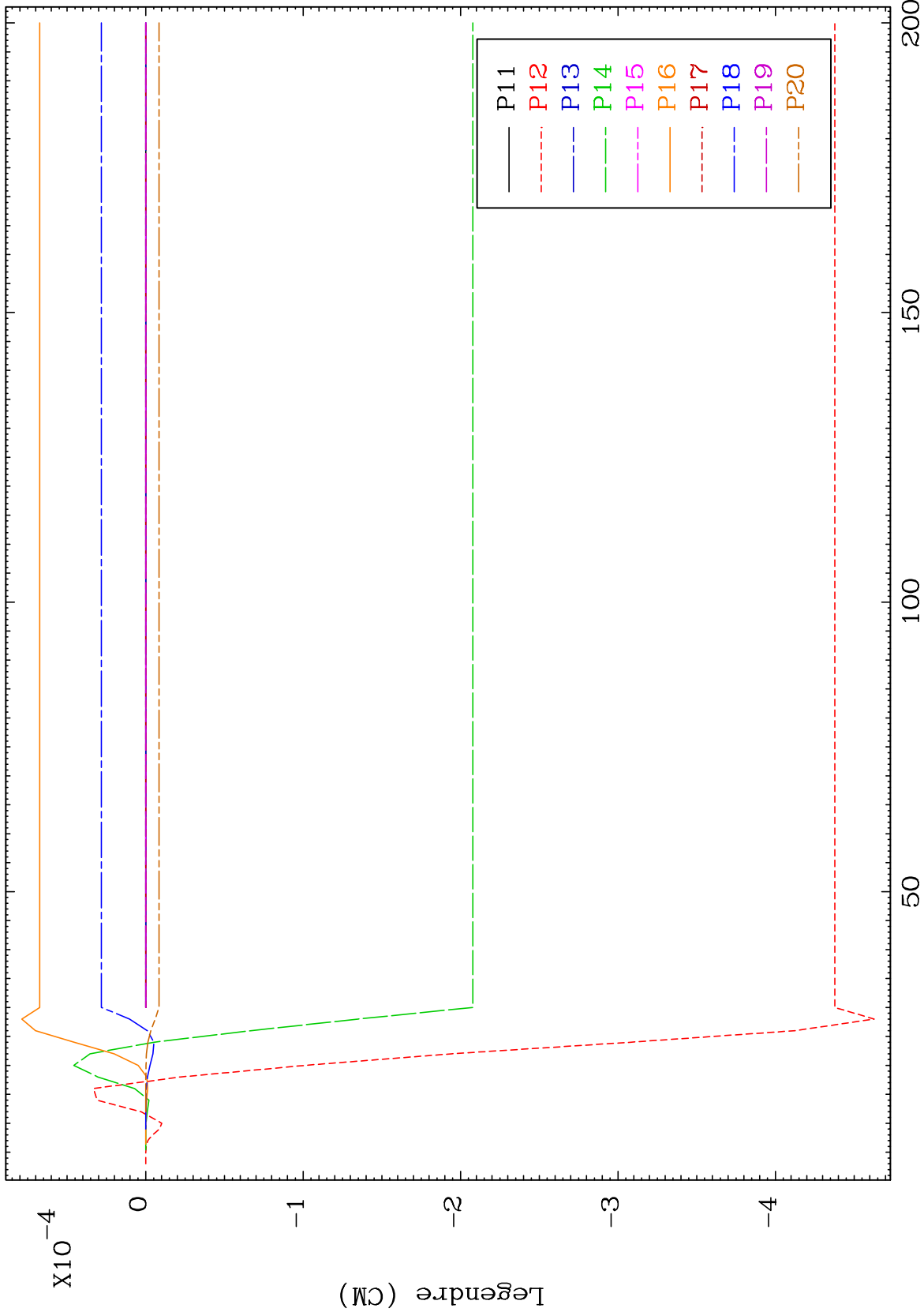
81-Tl-191

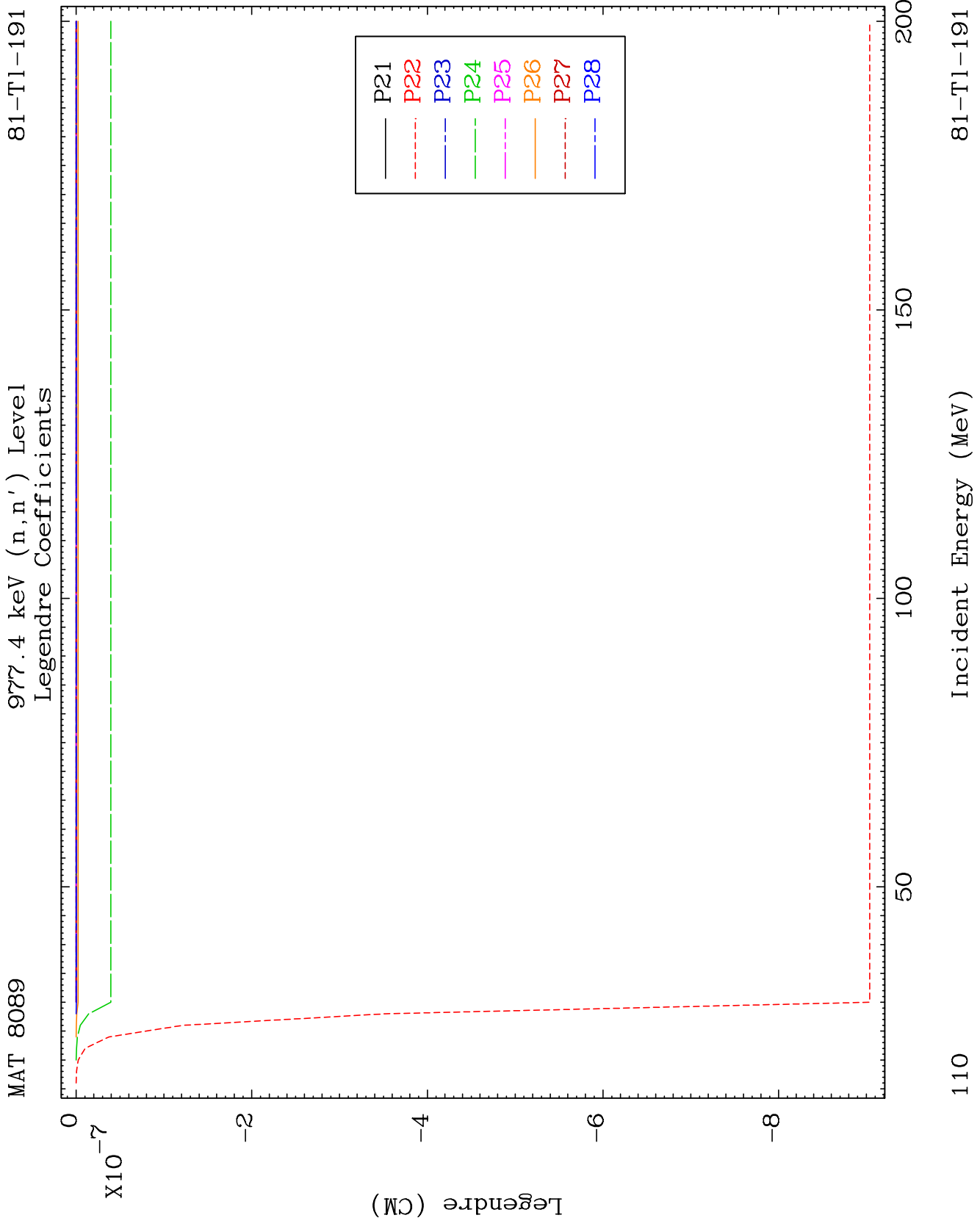


81-Tl-191

Incident Energy (MeV)

108

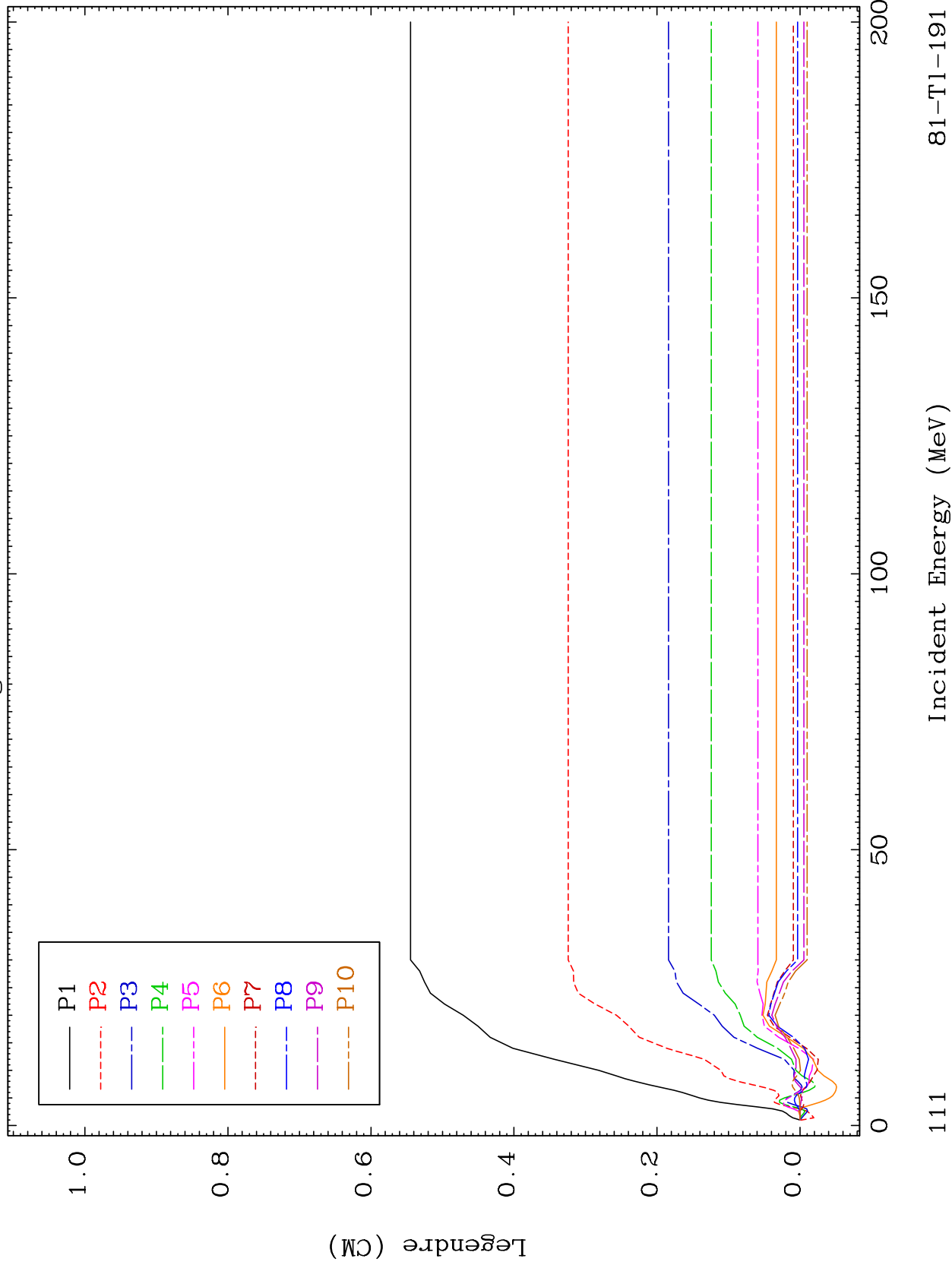




MAT 8089

980.6 keV (n,n') Level
Legendre Coefficients

81-Tl-191



111

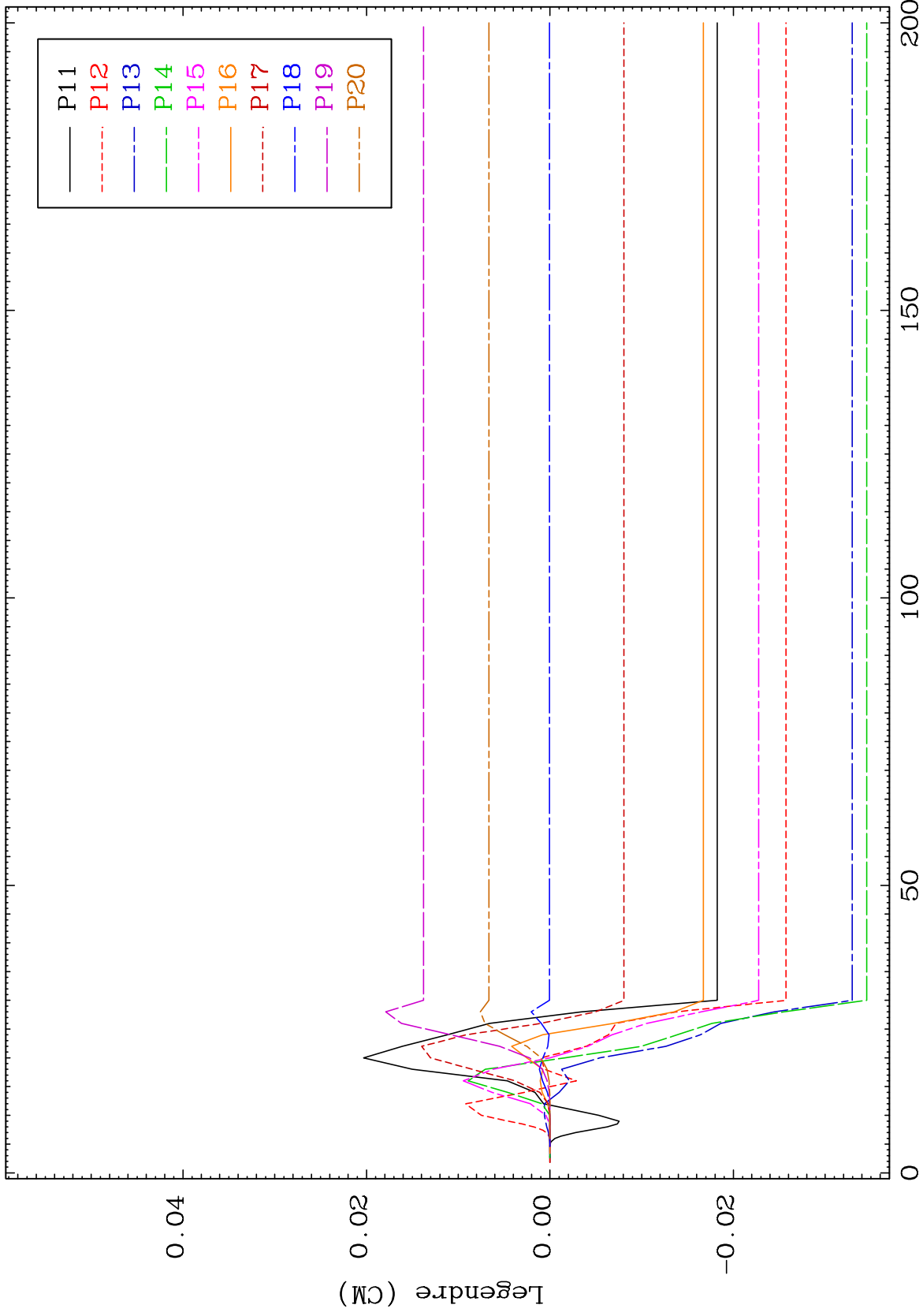
Incident Energy (MeV)

81-Tl-191

MAT 8089

980.6 keV (n,n') Level
Legendre Coefficients

81-Tl-191



112

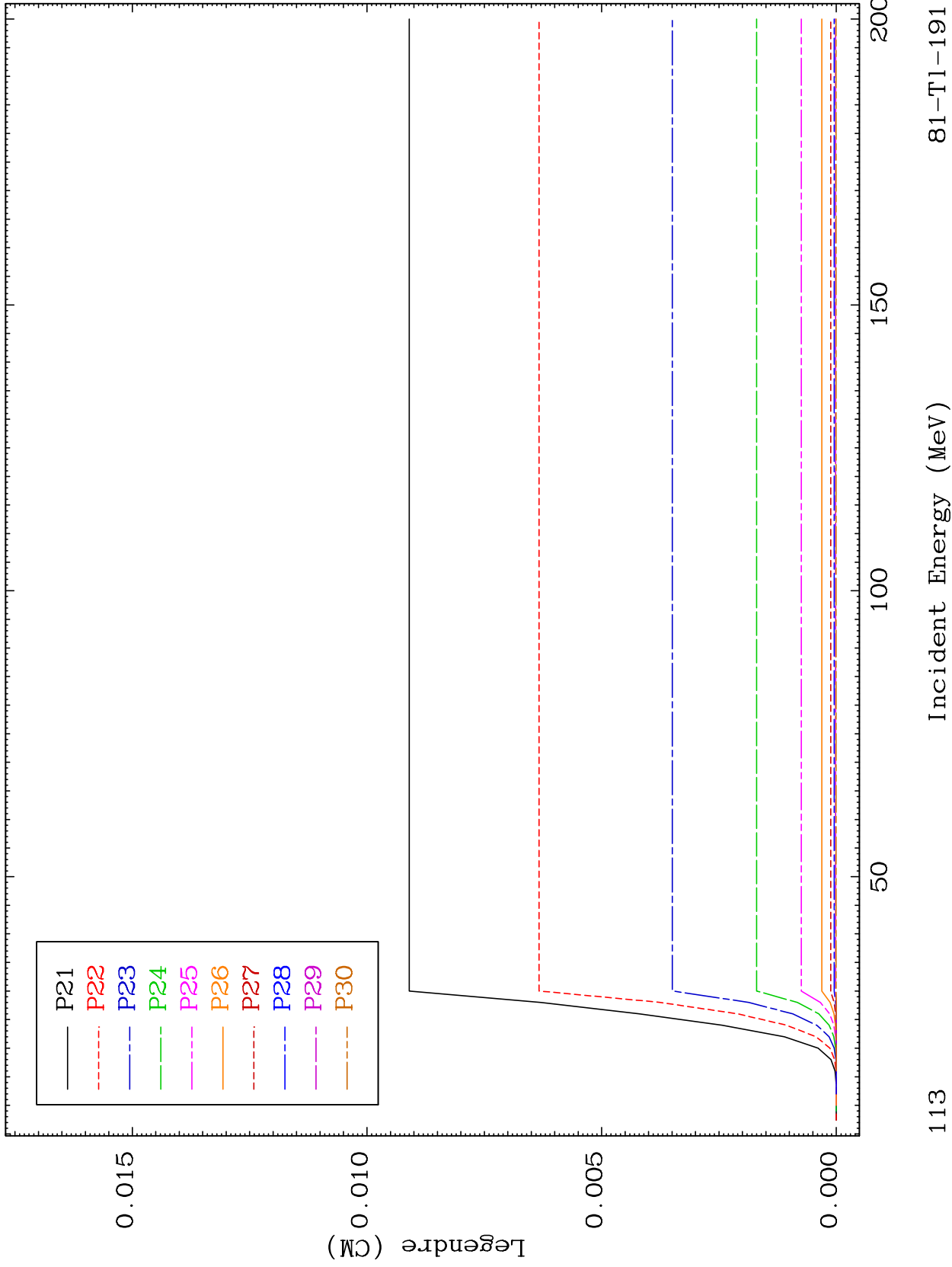
Incident Energy (MeV)

81-Tl-191

MAT 8089

980.6 keV (n,n') Level
Legendre Coefficients

81-Tl-191



113

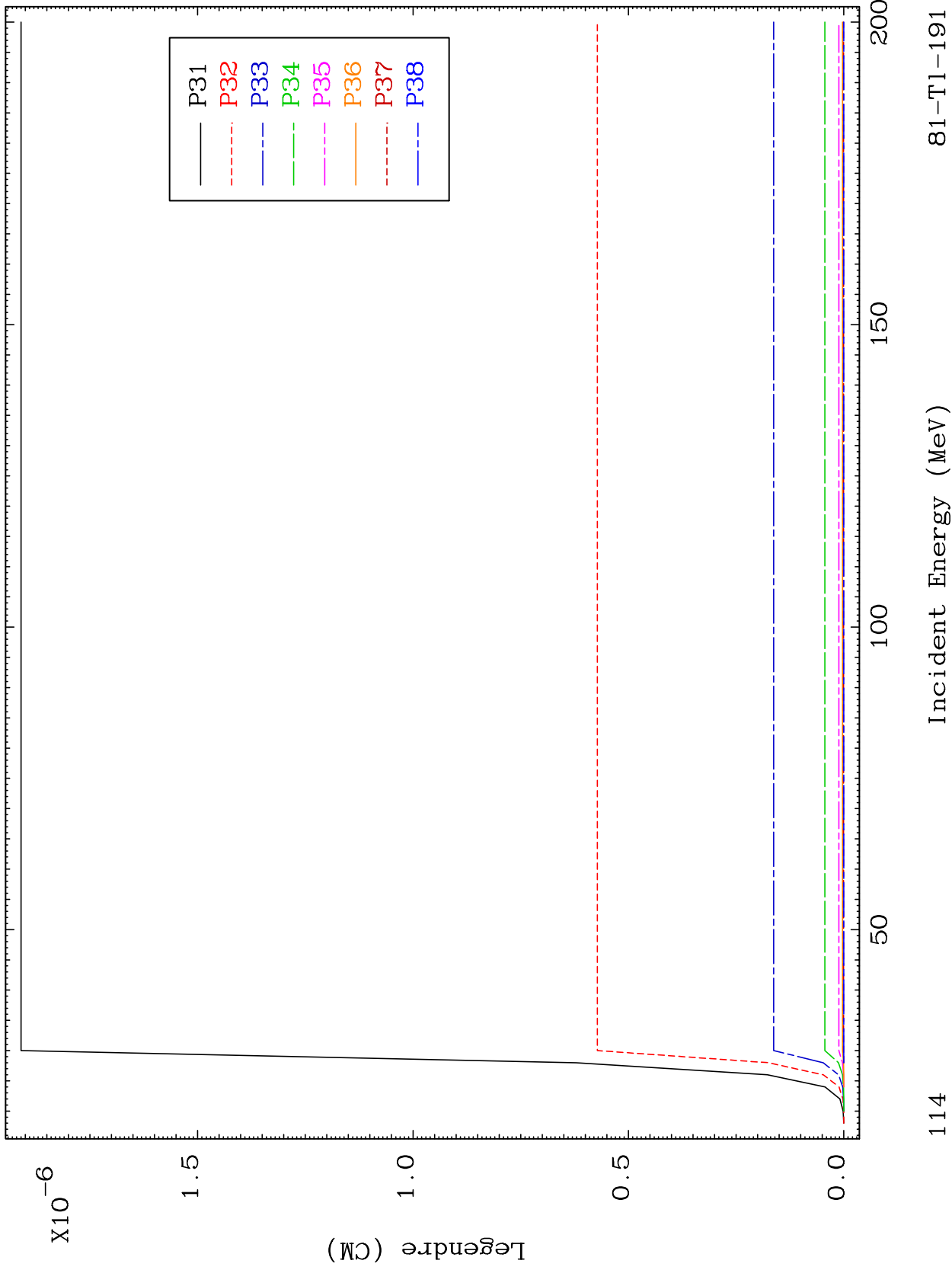
Incident Energy (MeV)

81-Tl-191

MAT 8089

980.6 keV (n,n') Level
Legendre Coefficients

81-Tl-191



114

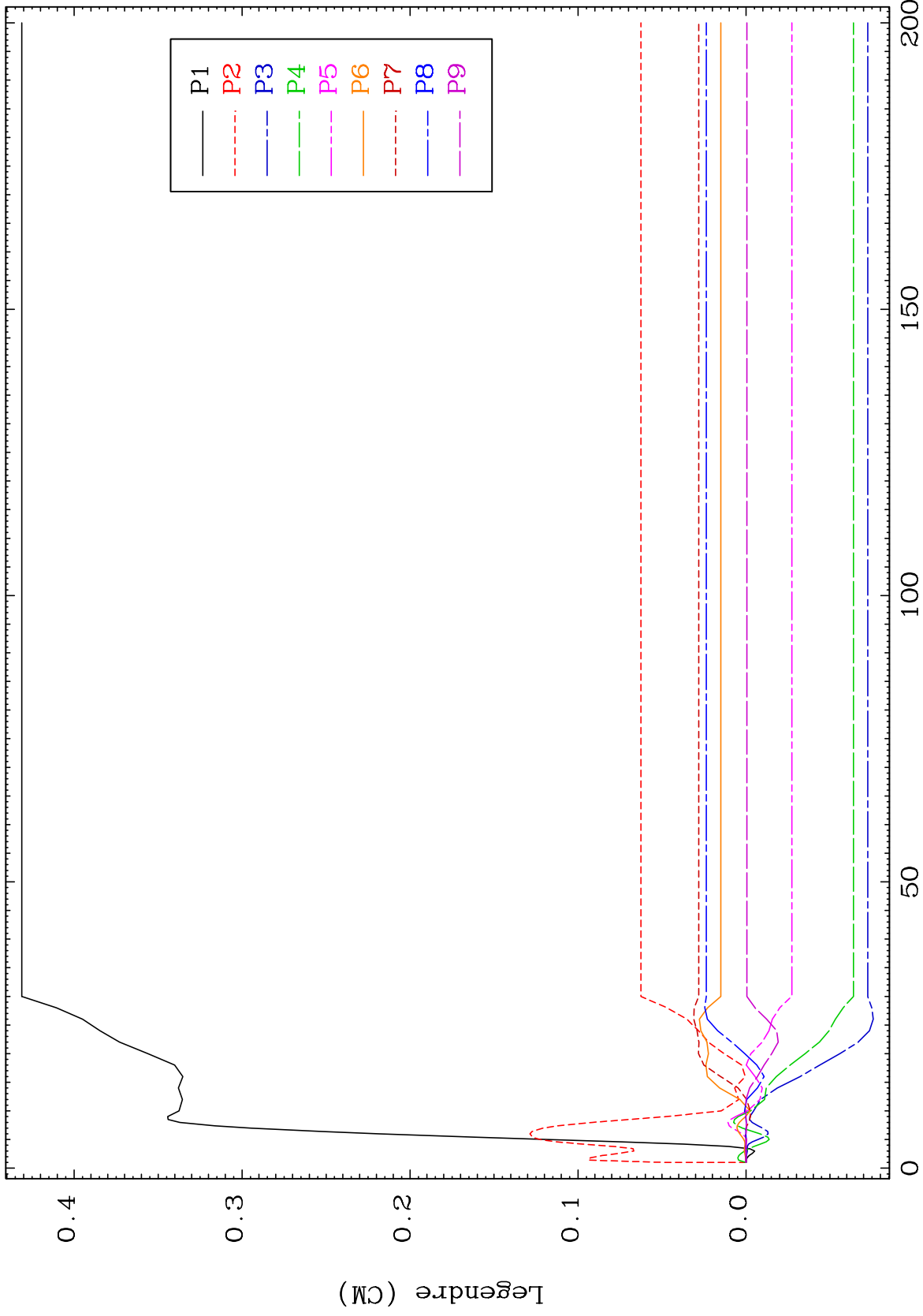
Incident Energy (MeV)

81-Tl-191

MAT 8089

986.8 keV (n,n') Level
Legendre Coefficients

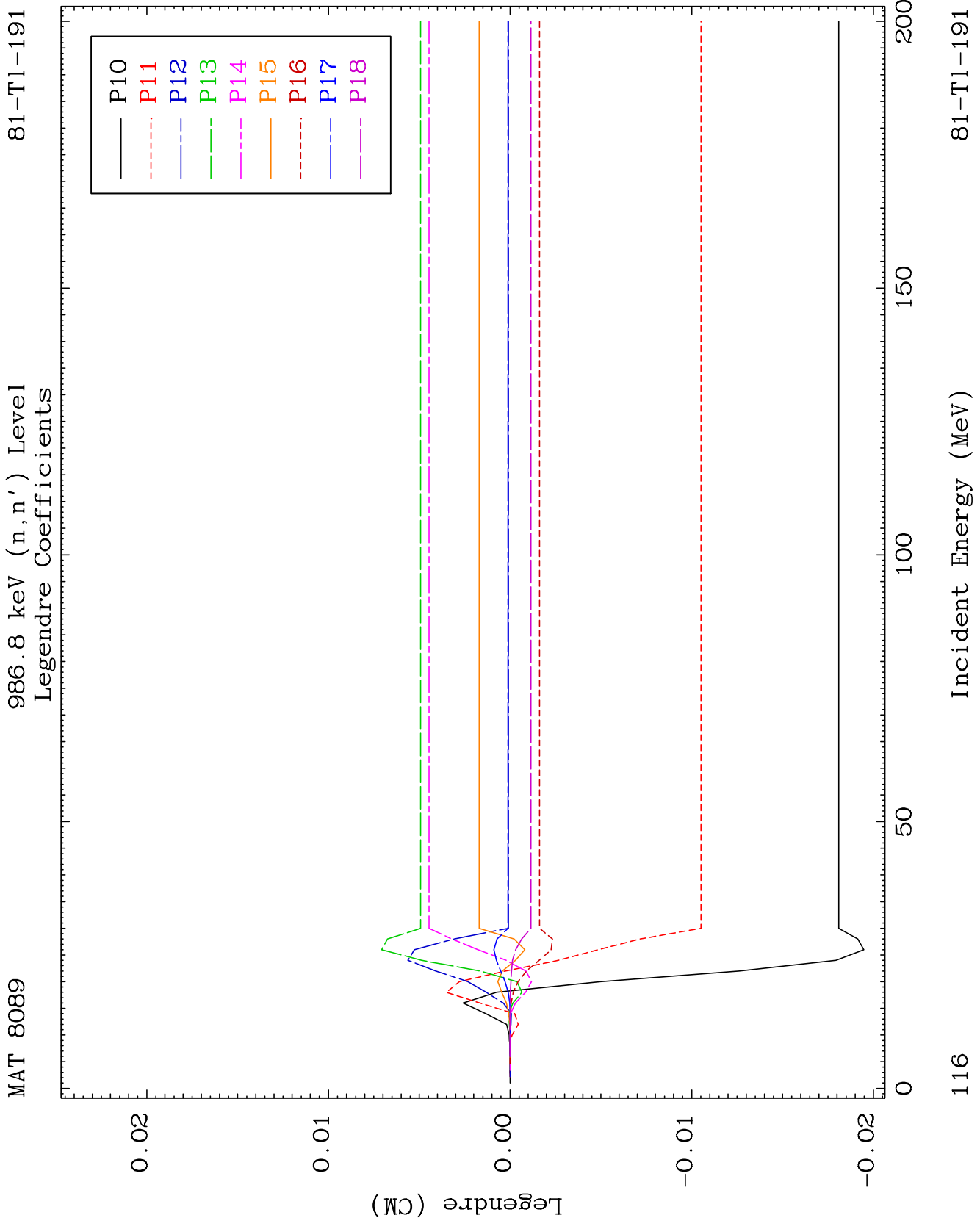
81-T1-191



115

Incident Energy (MeV)

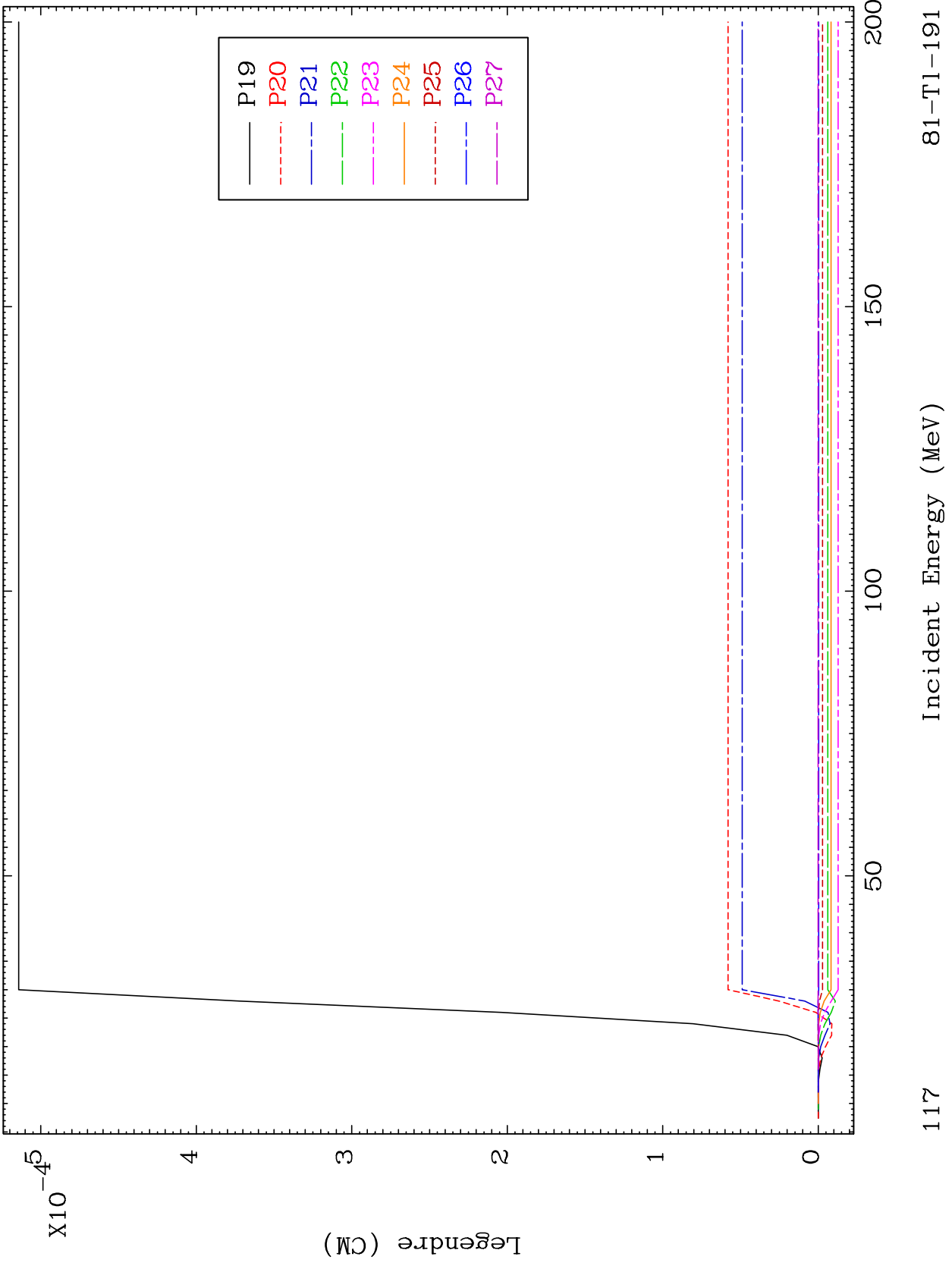
81-T1-191



MAT 8089

986.8 keV (n,n') Level
Legendre Coefficients

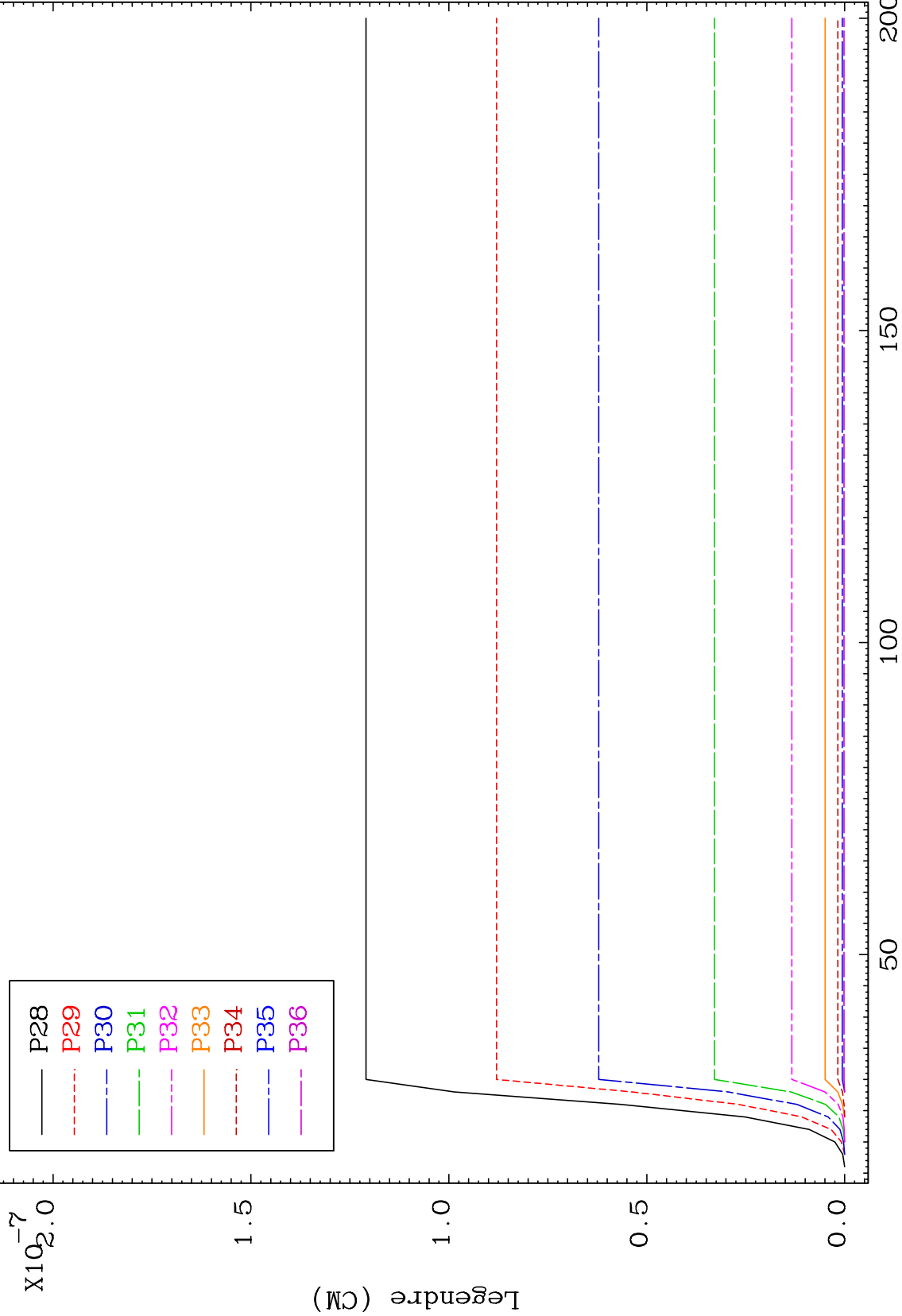
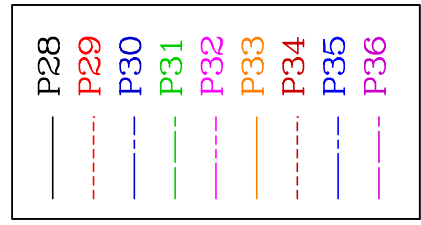
81-Tl-191



MAT 8089

986.8 keV (n,n') Level
Legendre Coefficients

81-Tl-191



118

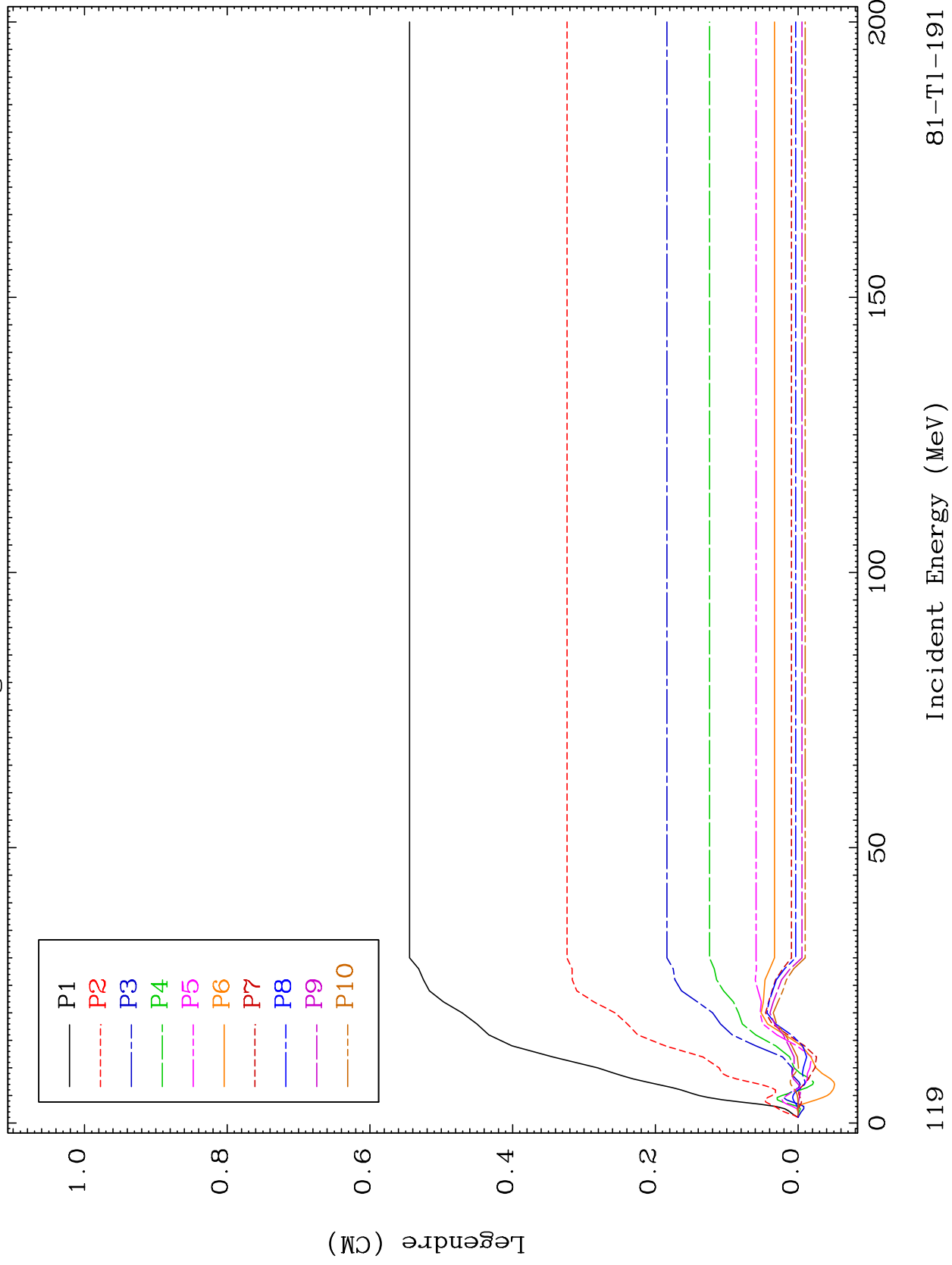
Incident Energy (MeV)

81-Tl-191

MAT 8089

998.1 keV (n,n') Level
Legendre Coefficients

81-Tl-191



119

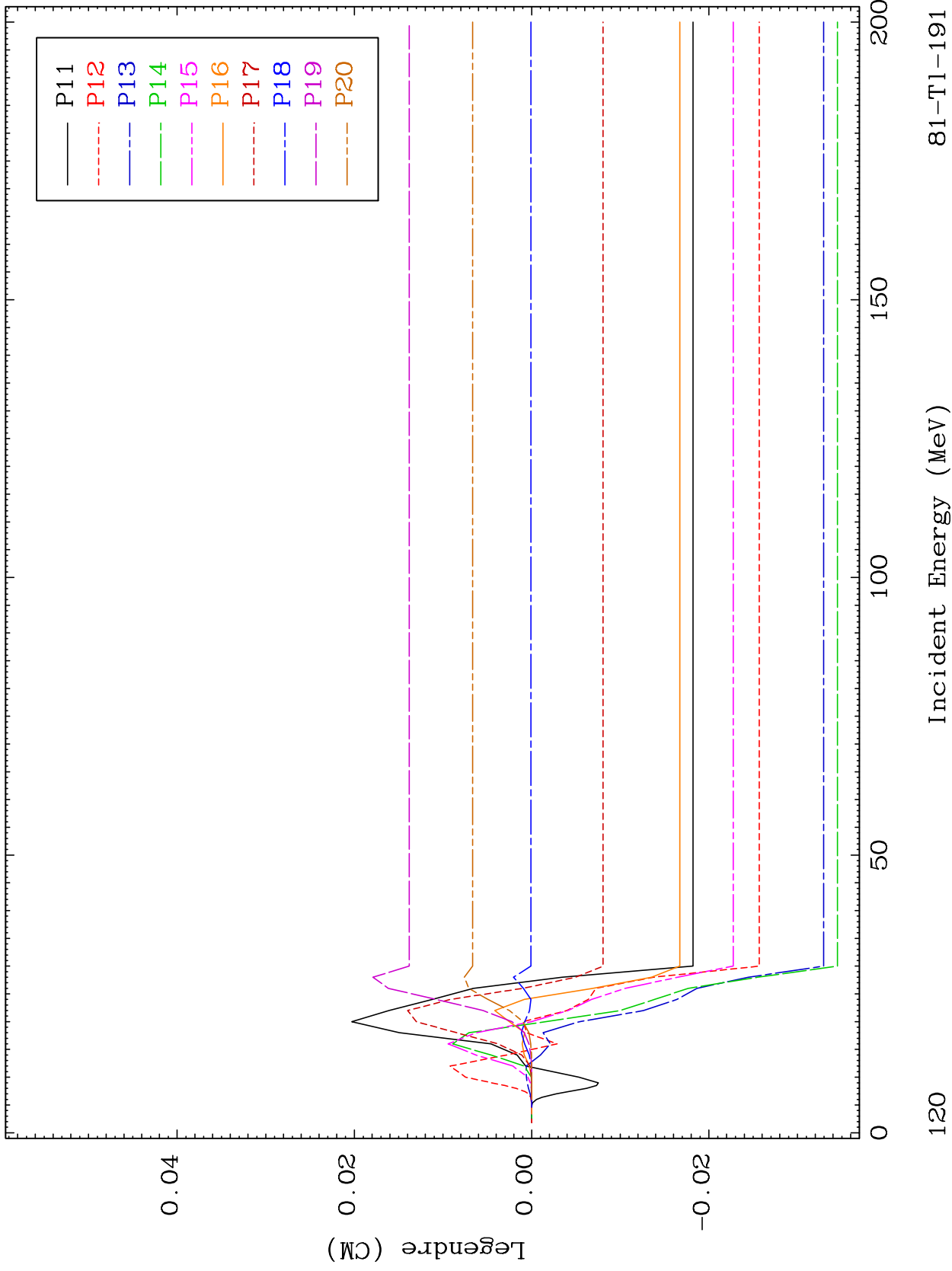
Incident Energy (MeV)

81-Tl-191

MAT 8089

998.1 keV (n,n') Level
Legendre Coefficients

81-Tl-191



81-Tl-191

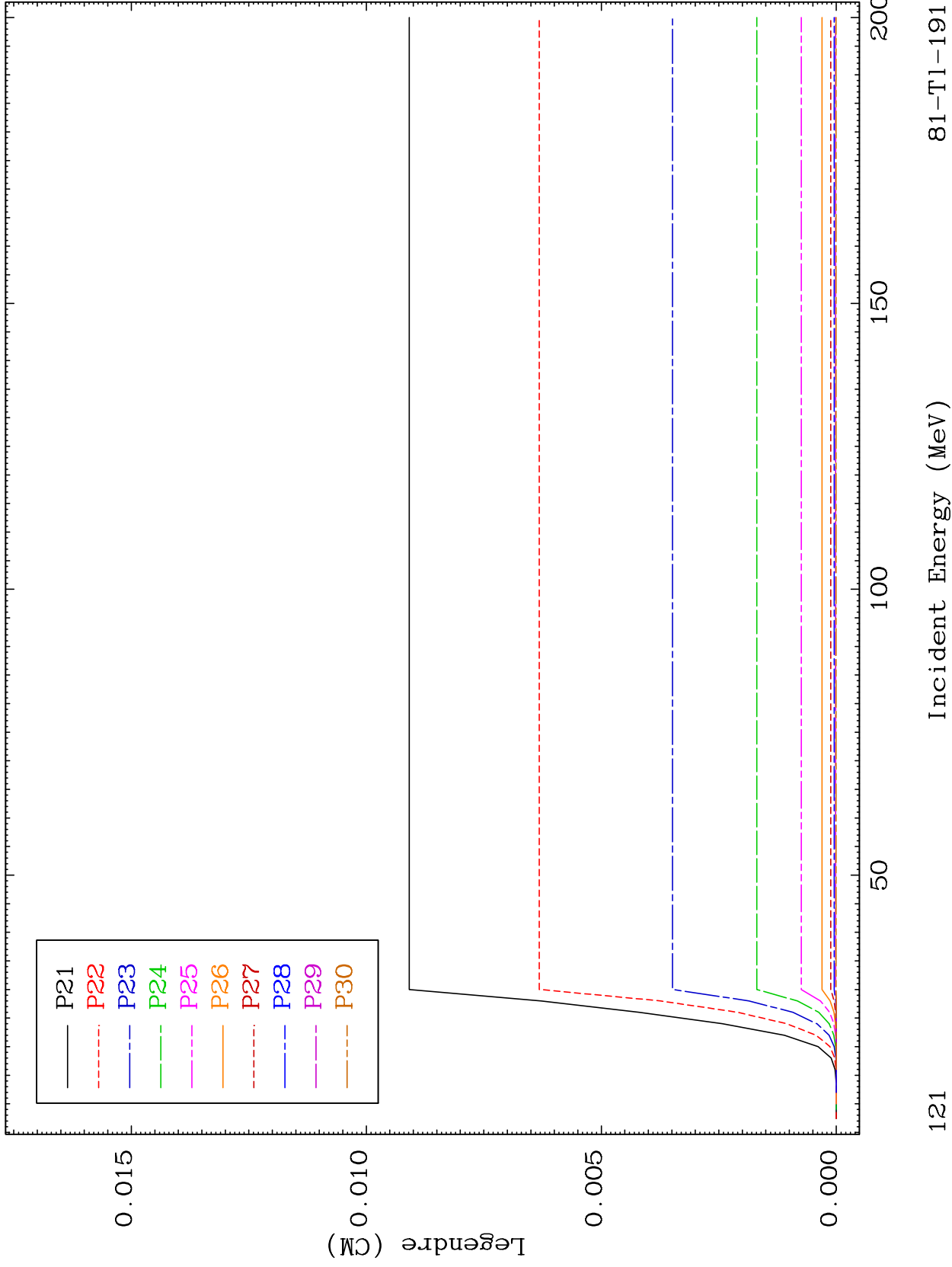
Incident Energy (MeV)

120

MAT 8089

998.1 keV (n,n') Level
Legendre Coefficients

81-Tl-191



121

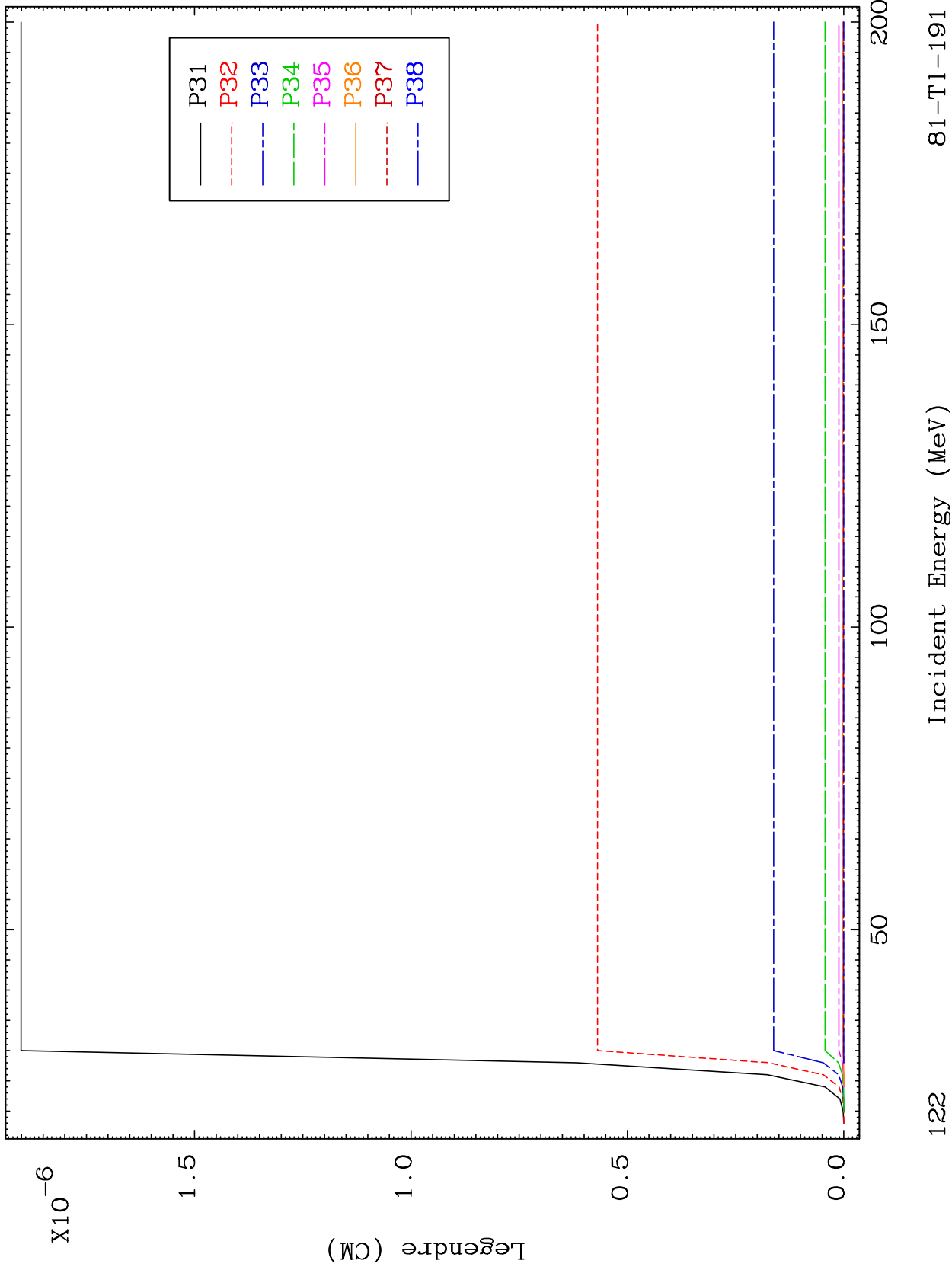
Incident Energy (MeV)

81-Tl-191

MAT 8089

998.1 keV (n,n') Level
Legendre Coefficients

81-Tl-191



122

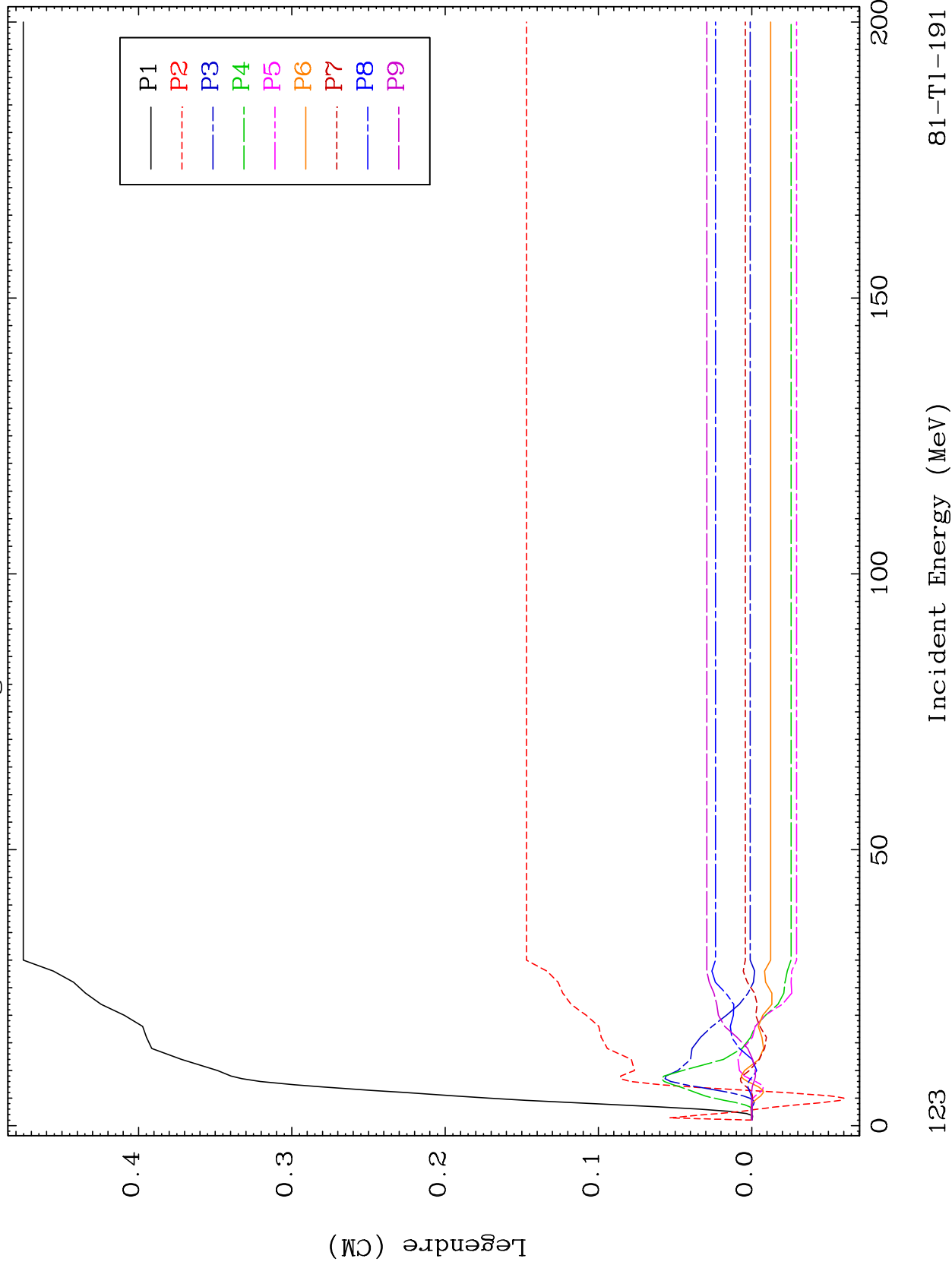
Incident Energy (MeV)

81-Tl-191

MAT 8089

1.003 MeV (n,n') Level
Legendre Coefficients

81-Tl-191



123

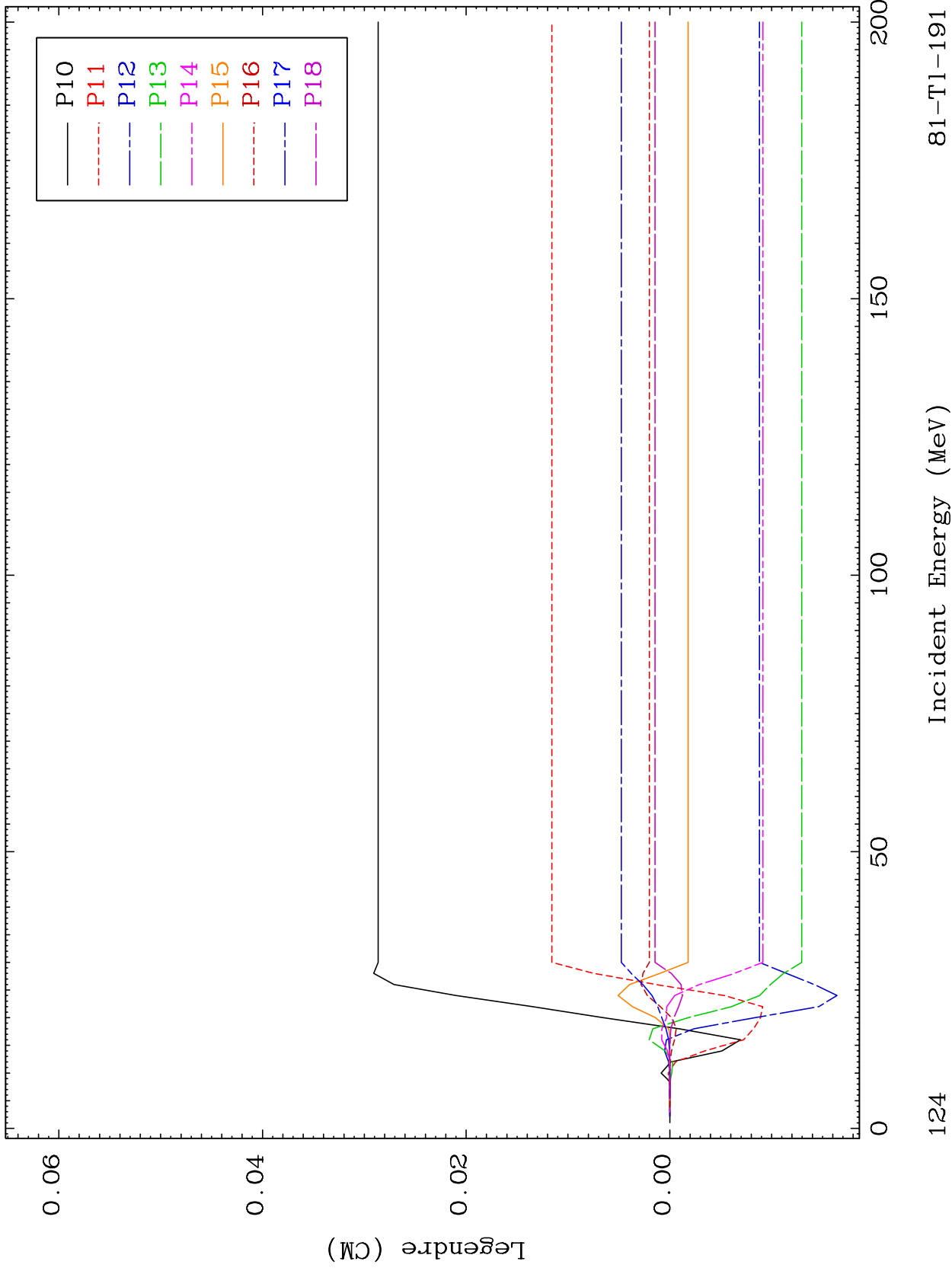
Incident Energy (MeV)

81-Tl-191

MAT 8089

1.003 MeV (n,n') Level
Legendre Coefficients

81-Tl-191



124

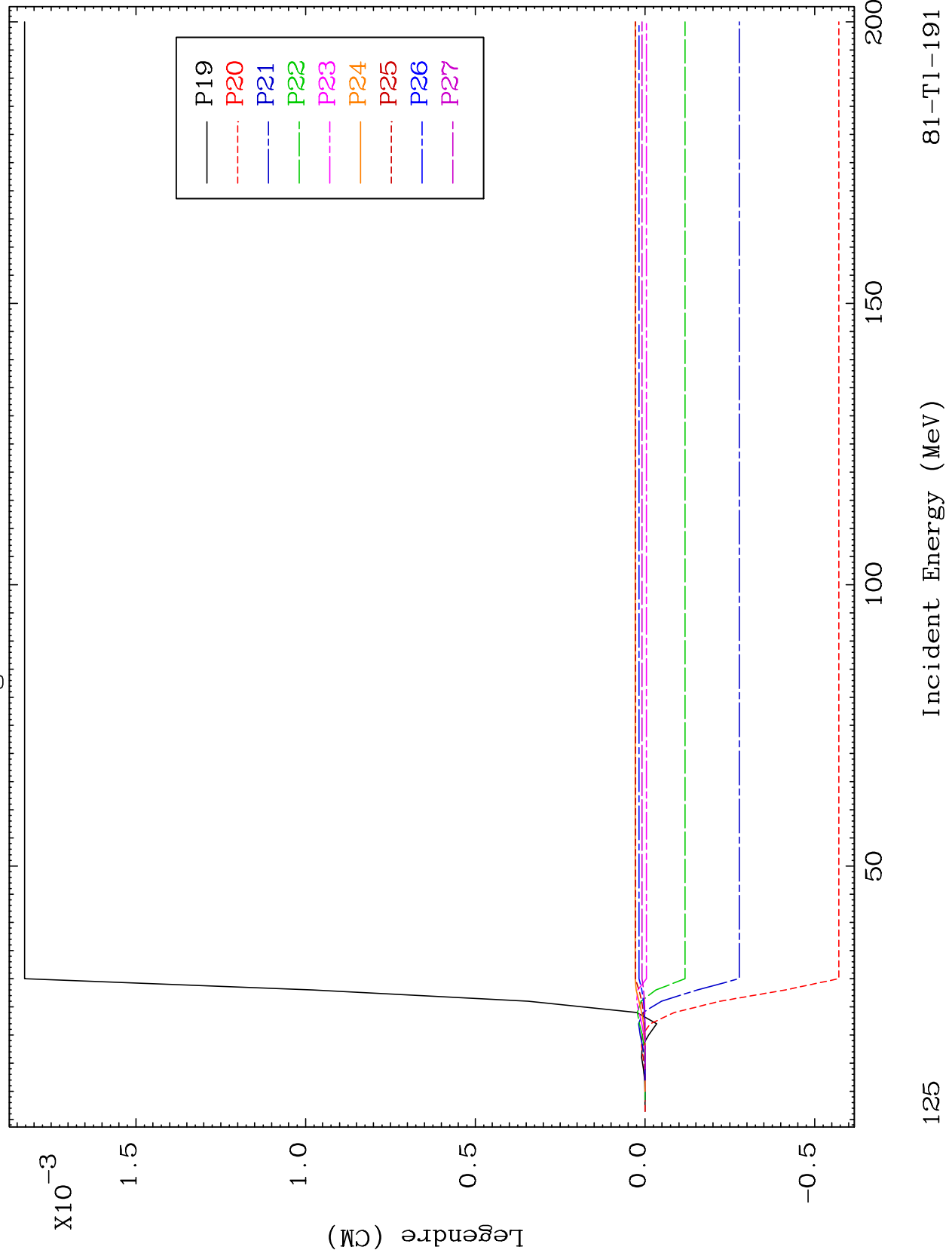
Incident Energy (MeV)

81-Tl-191

MAT 8089

1.003 MeV (n,n') Level Legendre Coefficients

81-Tl-191



125

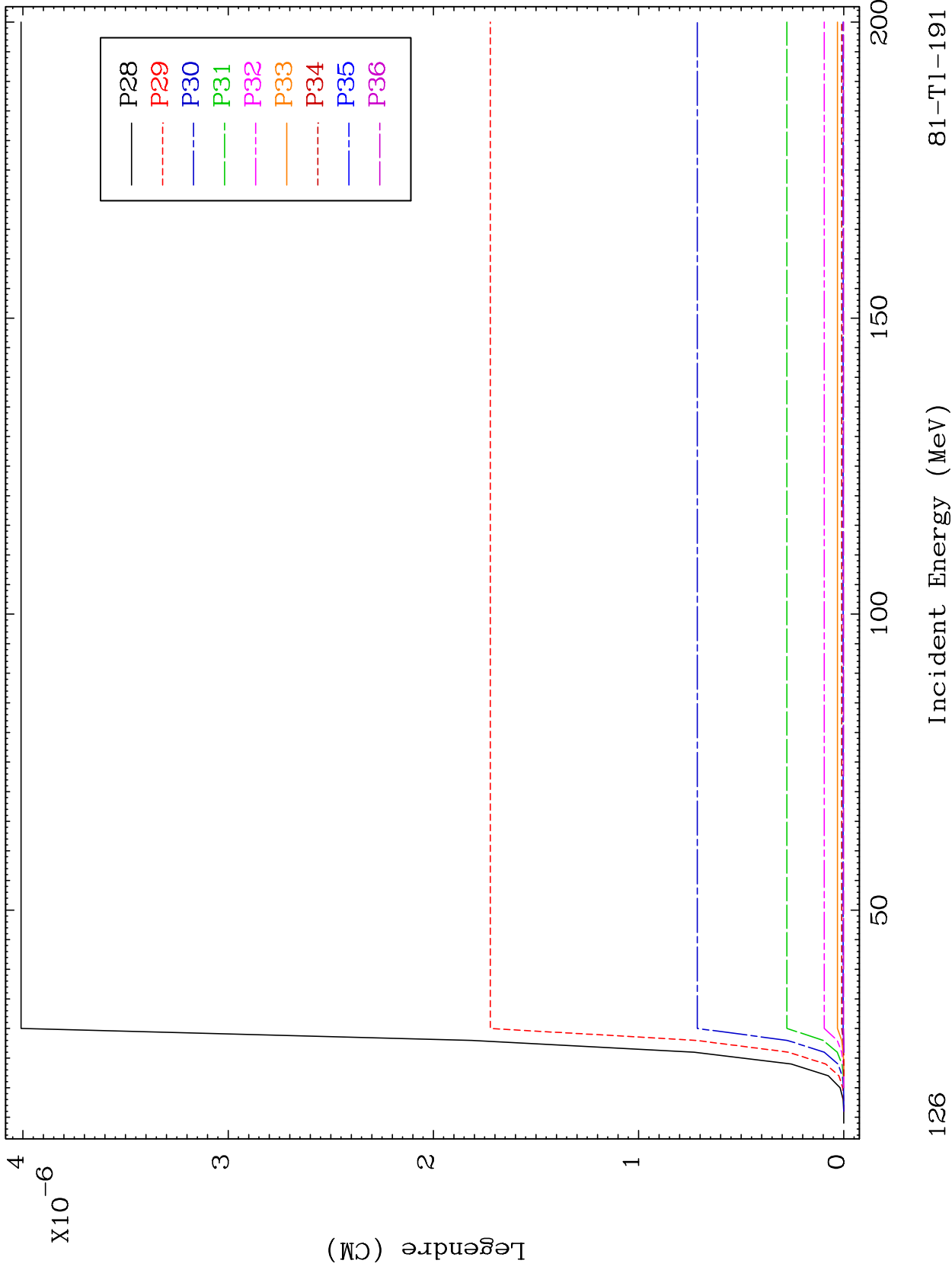
Incident Energy (MeV)

81-Tl-191

MAT 8089

1.003 MeV (n,n') Level
Legendre Coefficients

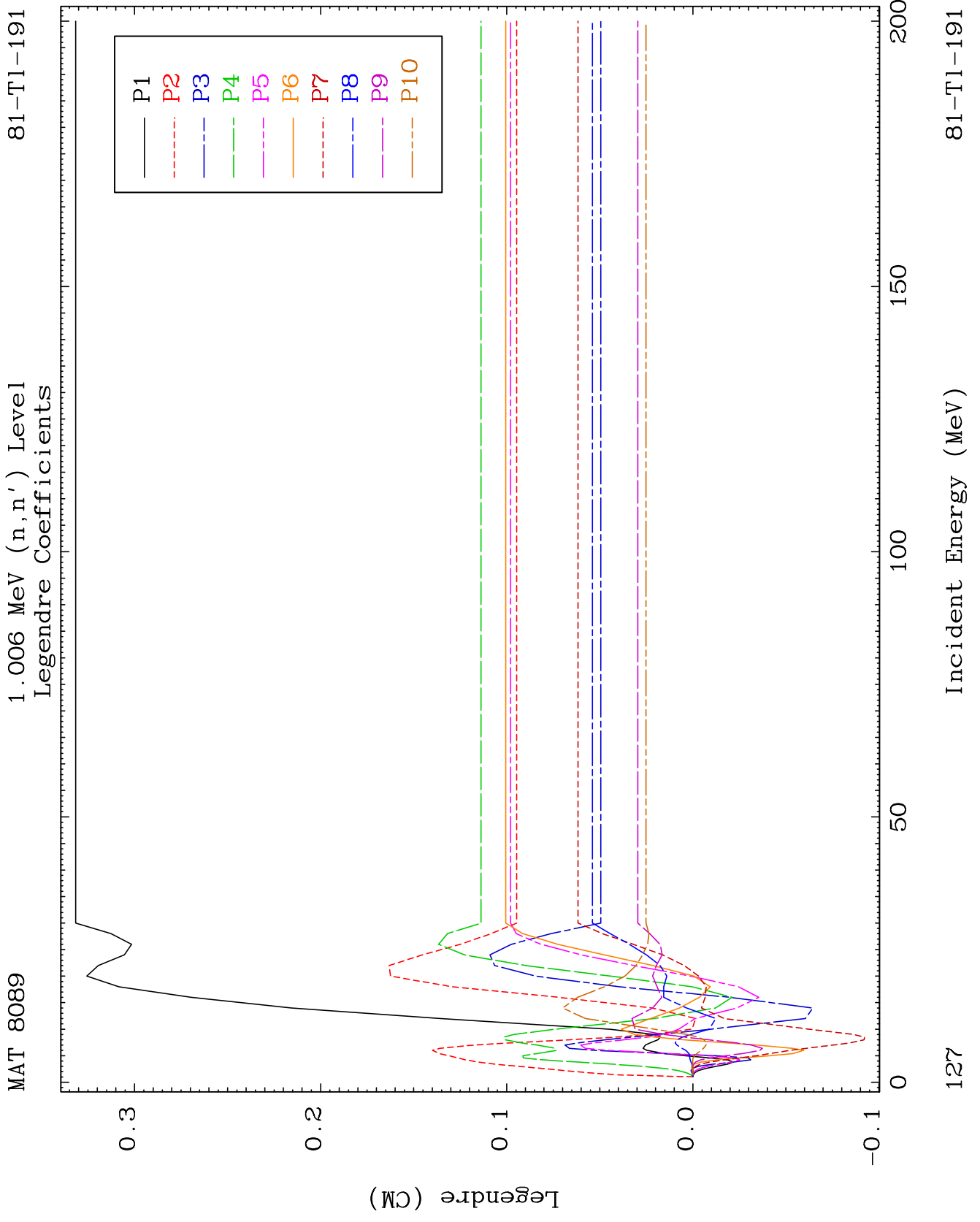
81-Tl-191

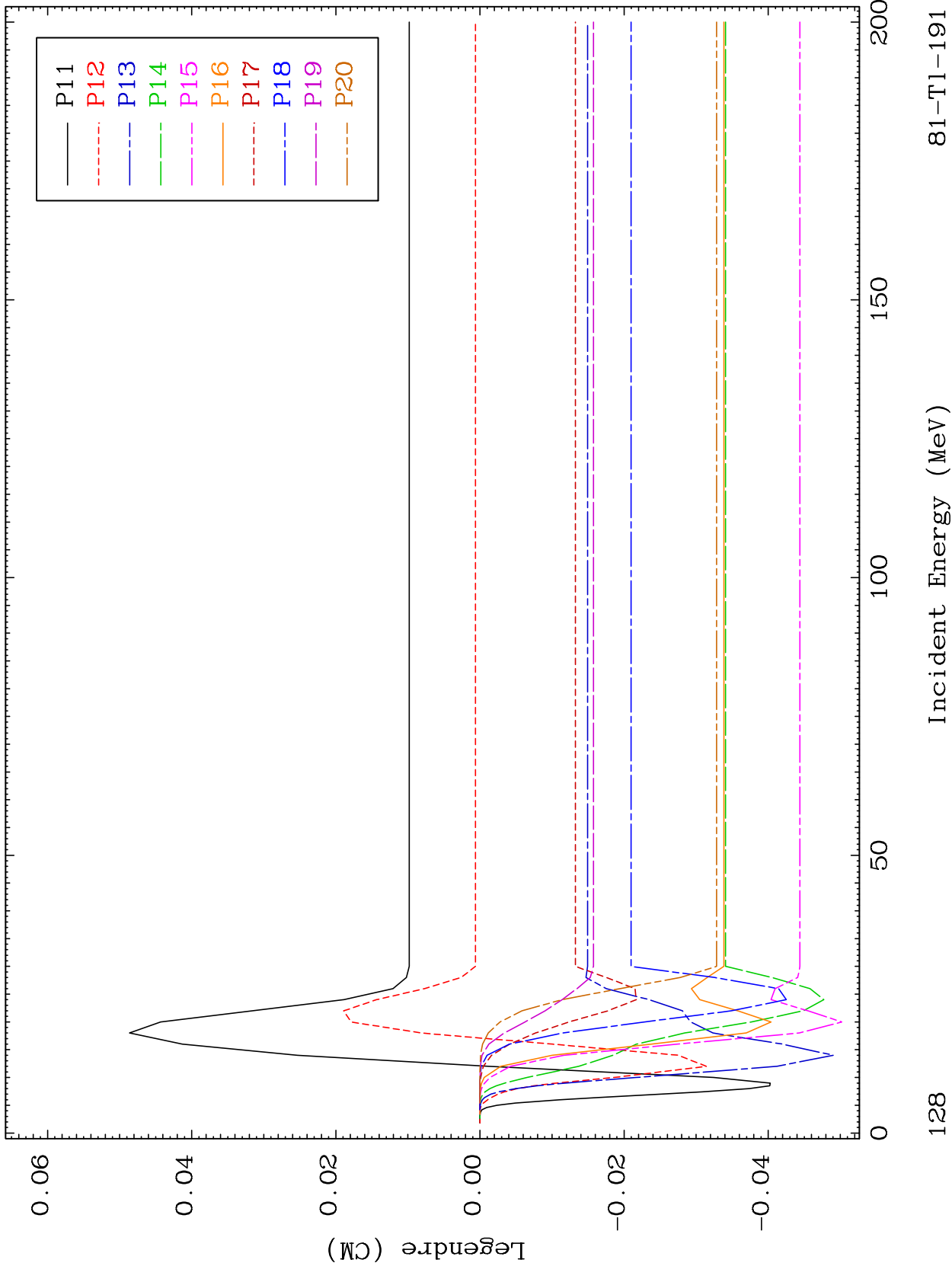


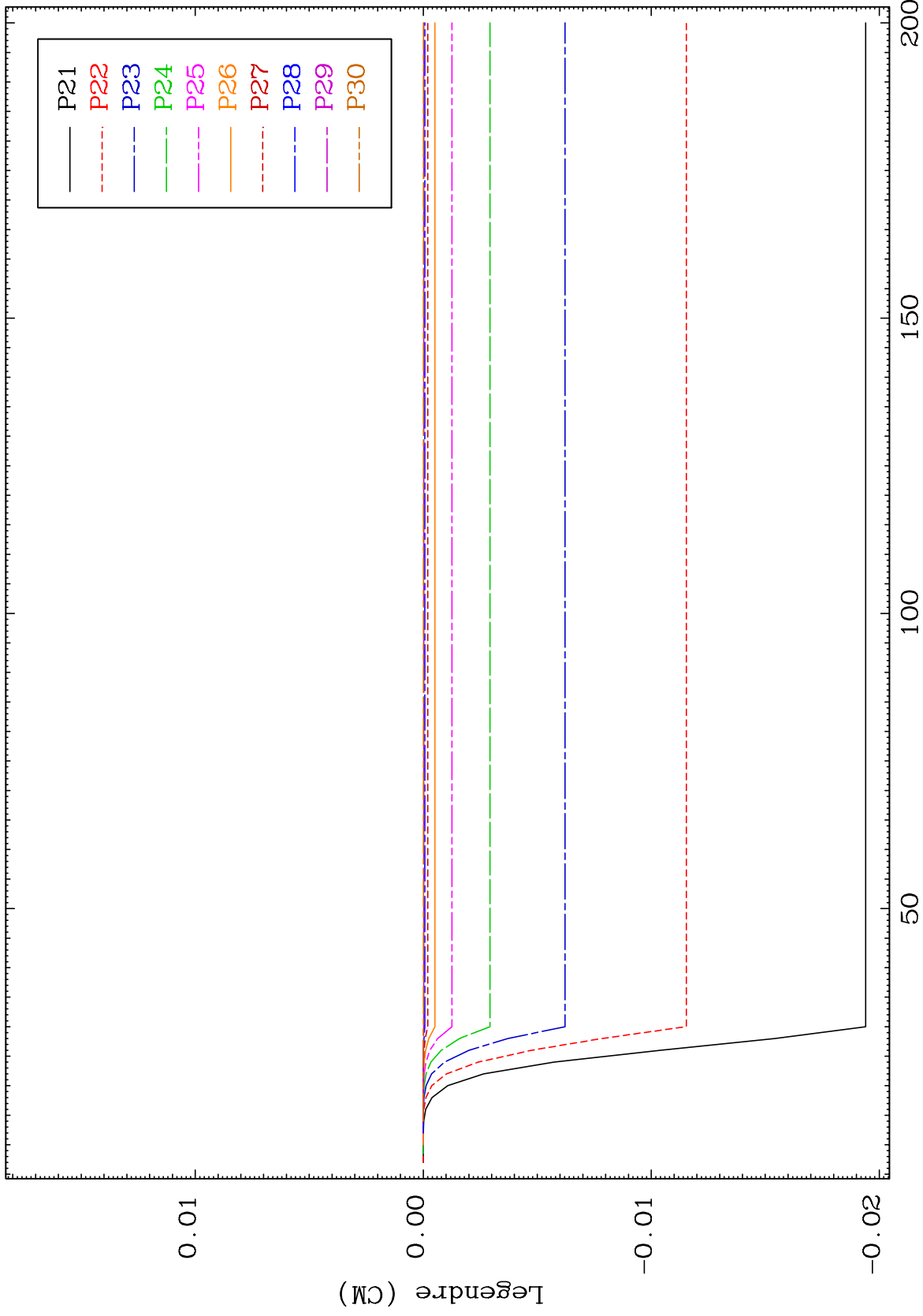
126

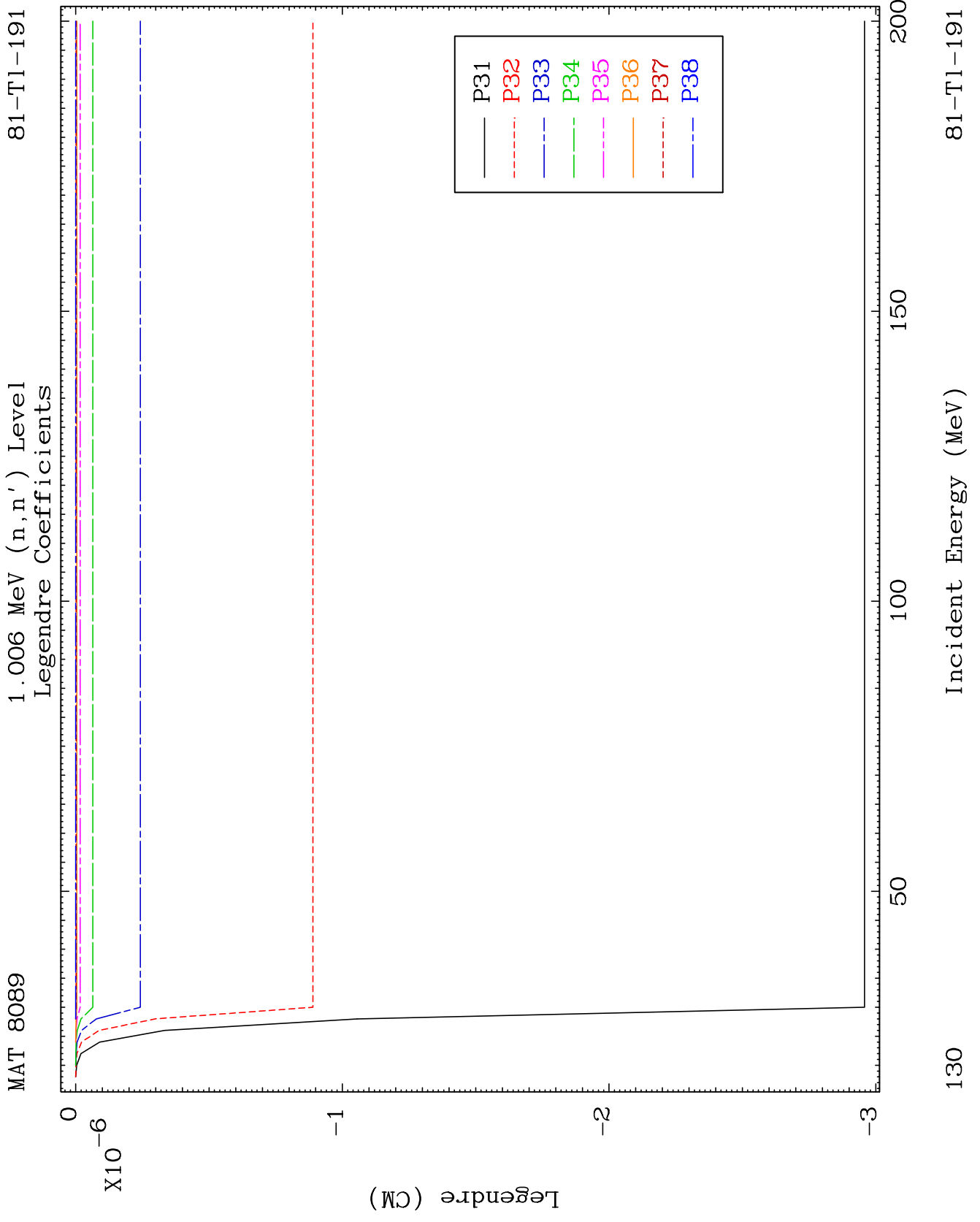
Incident Energy (MeV)

81-Tl-191





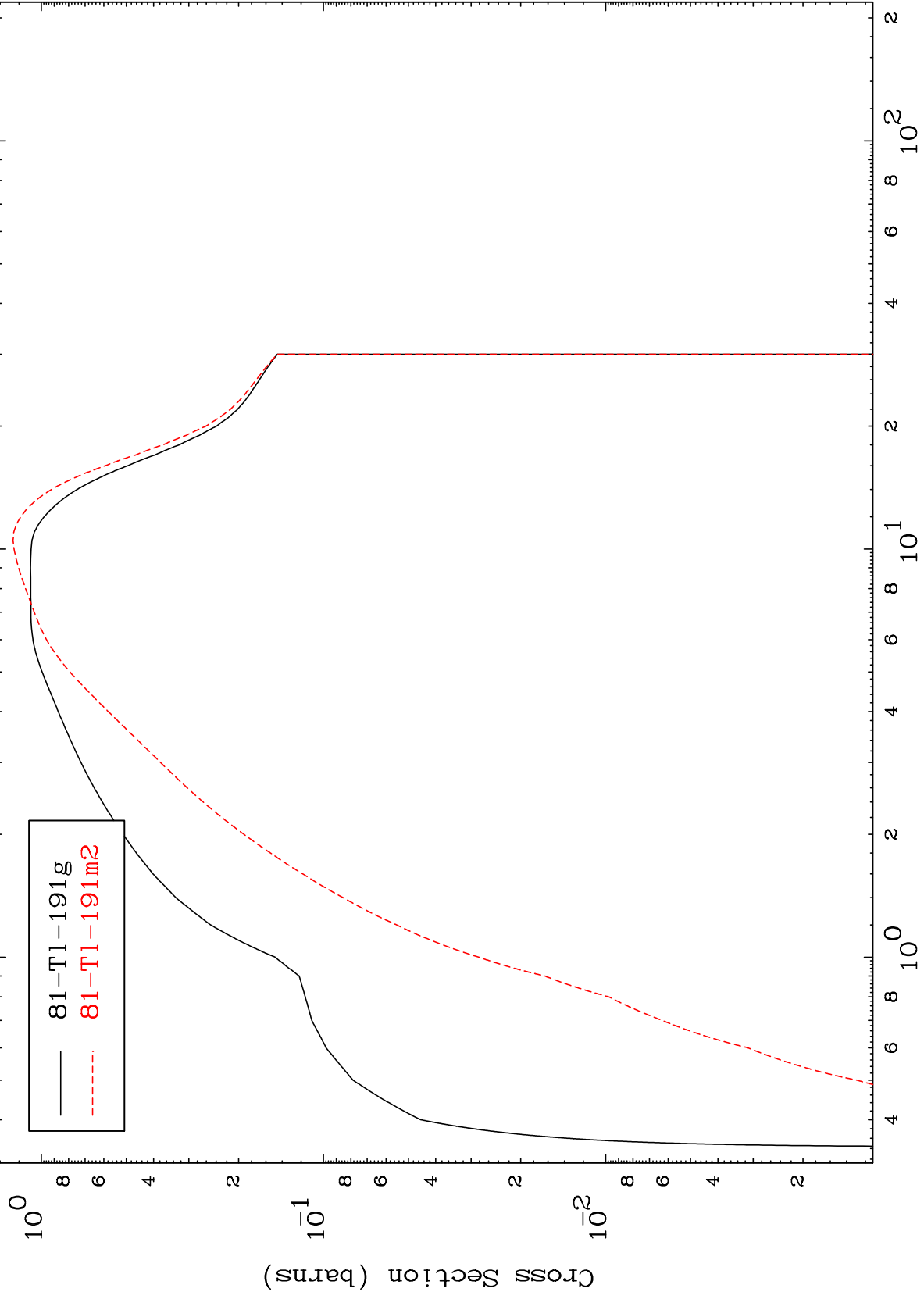




MAT 8089

81-Tl-191

Inelastic
Radionuclide Production Cross Section



131

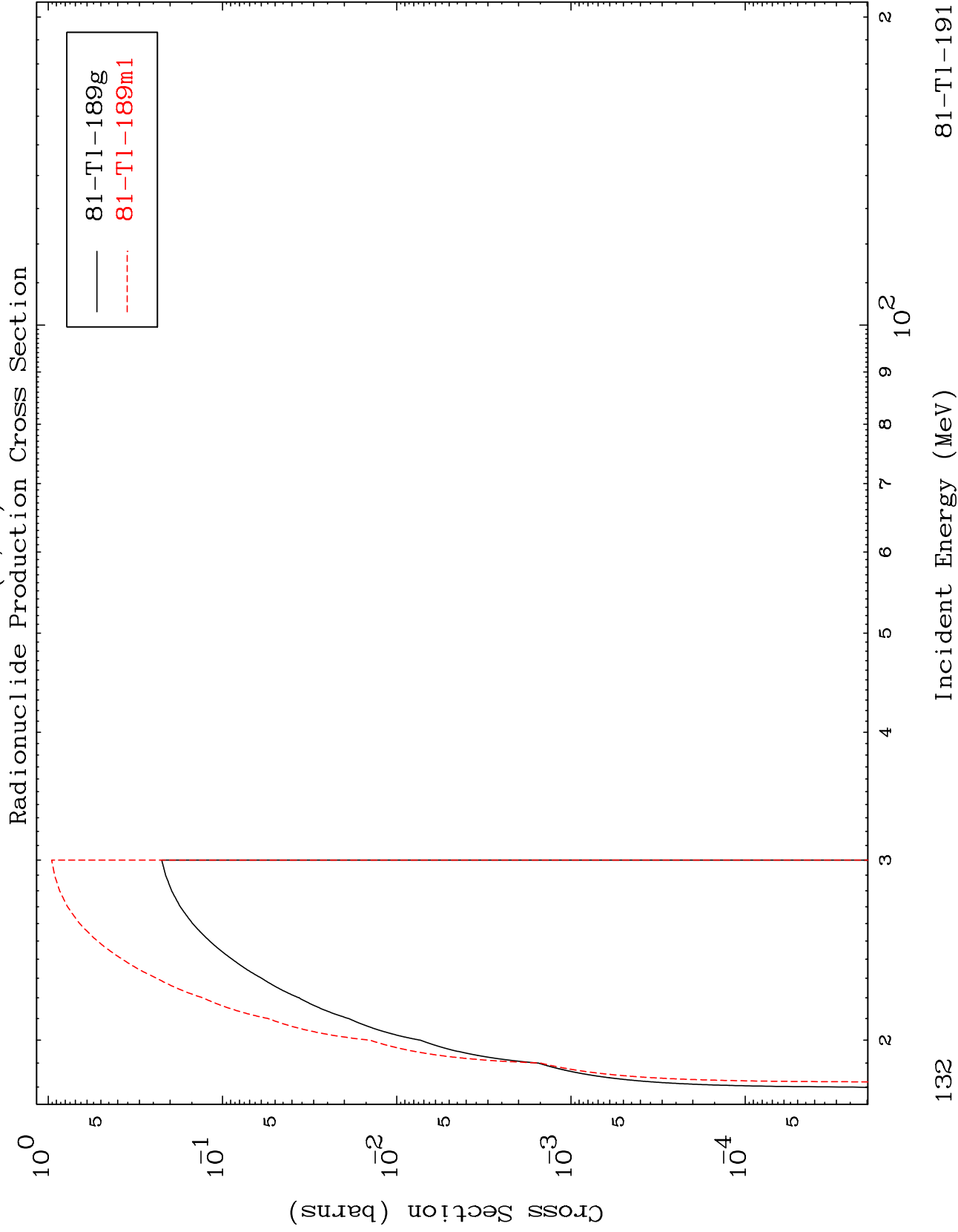
Incident Energy (MeV)

81-Tl-191

MAT 8089

(n,3n)

81-Tl-191



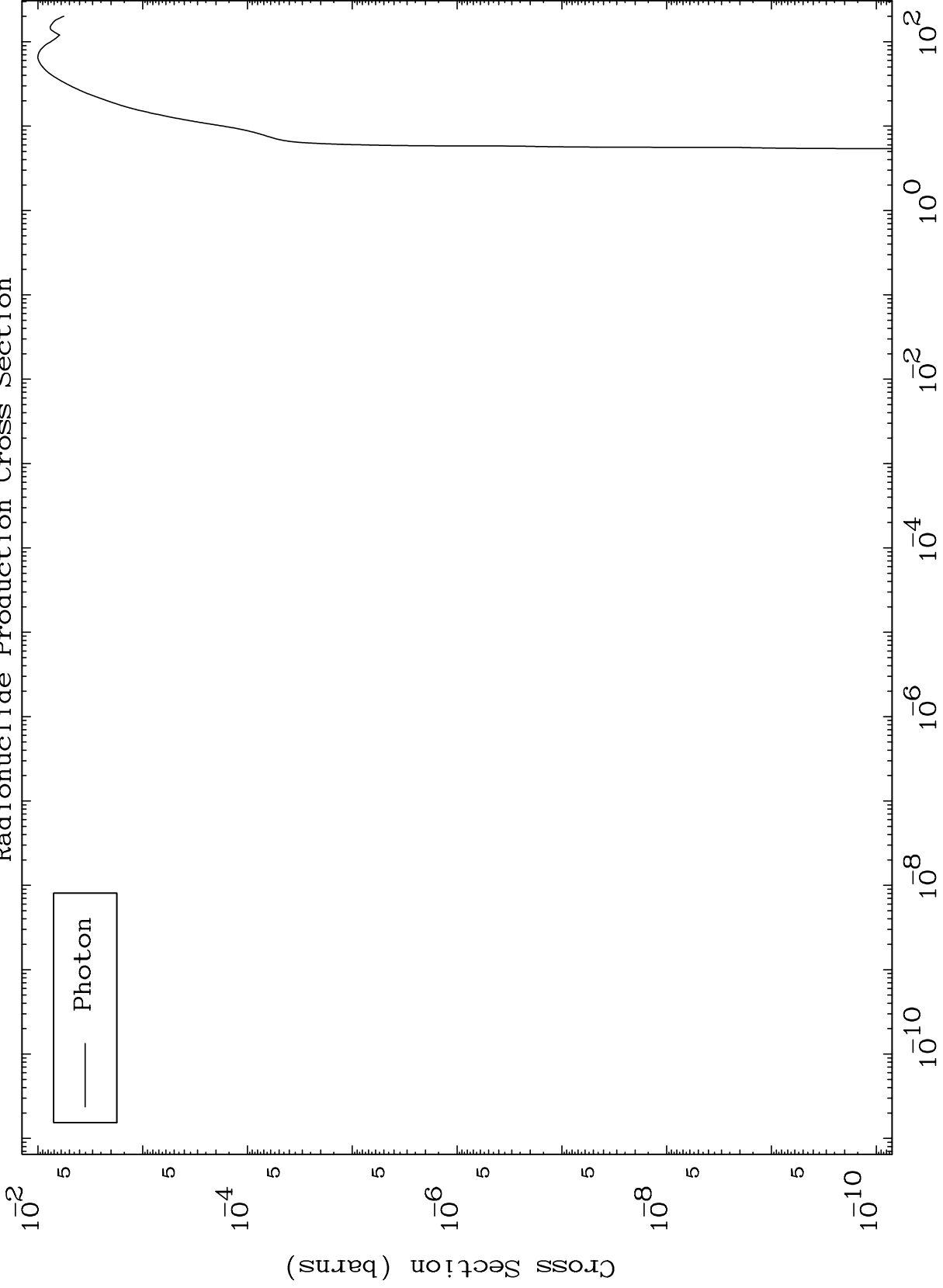
132

MAT 8089

Fission

81-Tl-191

Radionuclide Production Cross Section



133

Incident Energy (MeV)

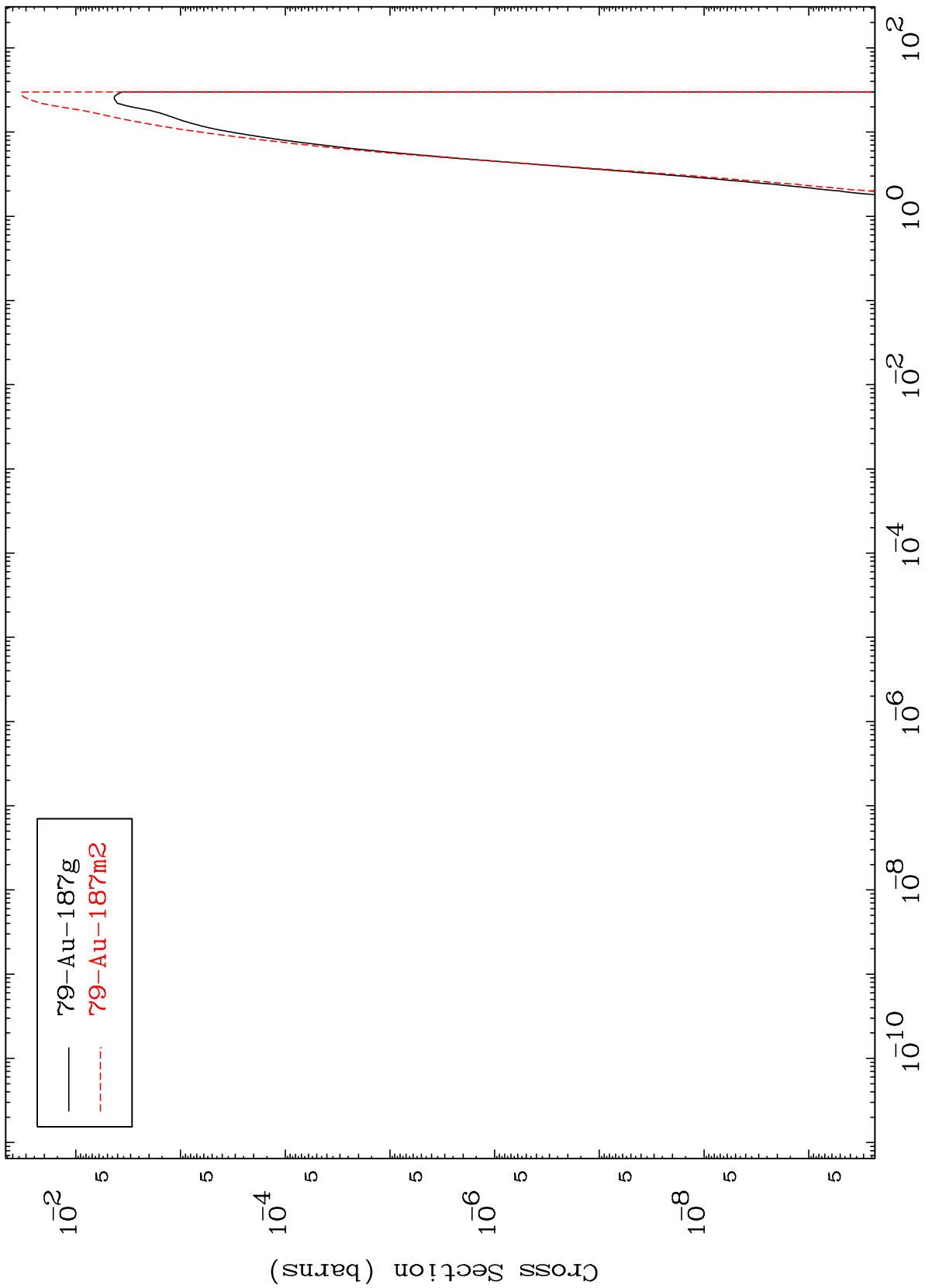
81-Tl-191

MAT 8089

$(n, n') \alpha$

81-Tl-191

Radionuclide Production Cross Section

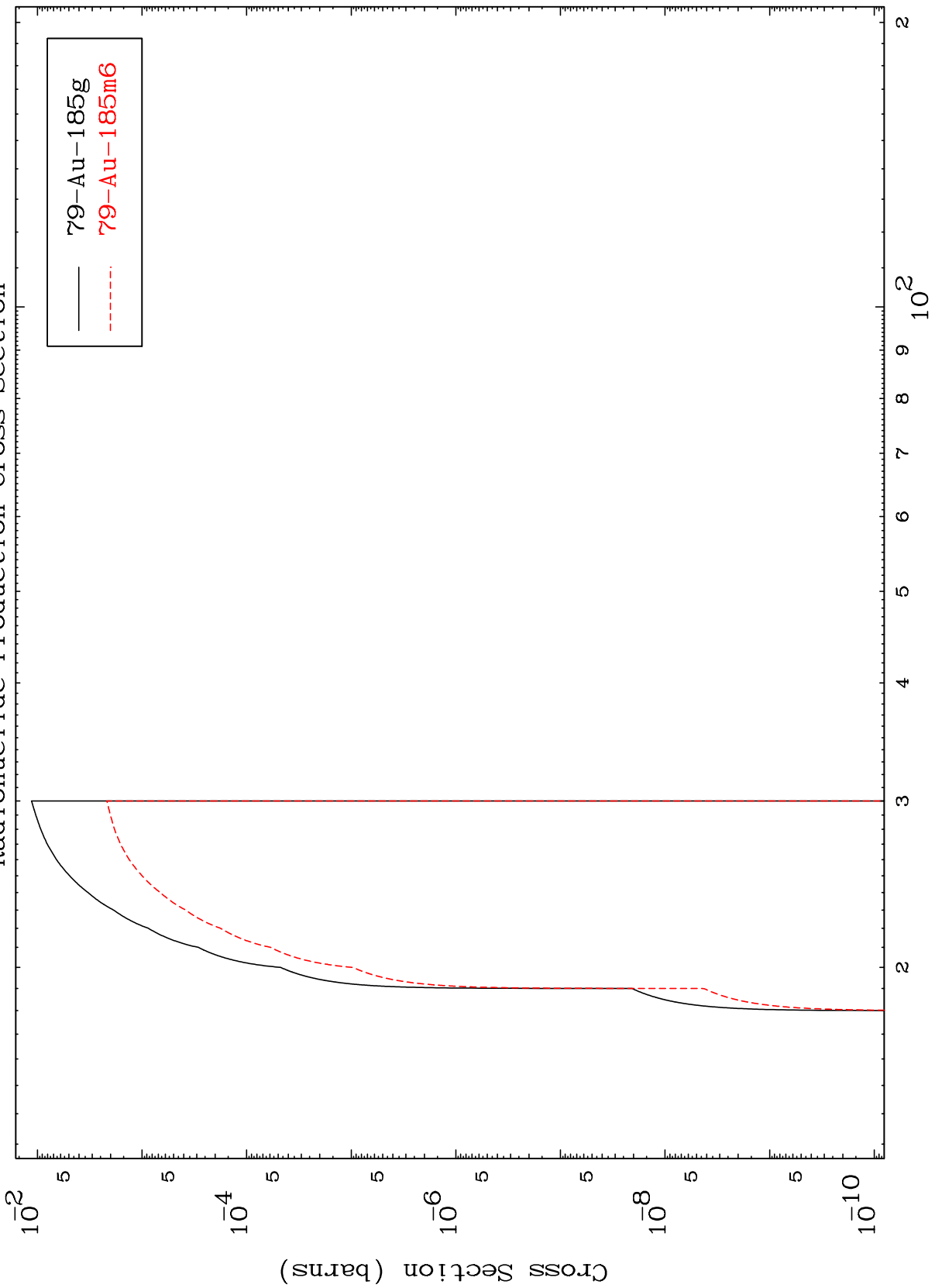


MAT 8089

(n,3n) α

81-Tl-191

Radionuclide Production Cross Section



135

Incident Energy (MeV)

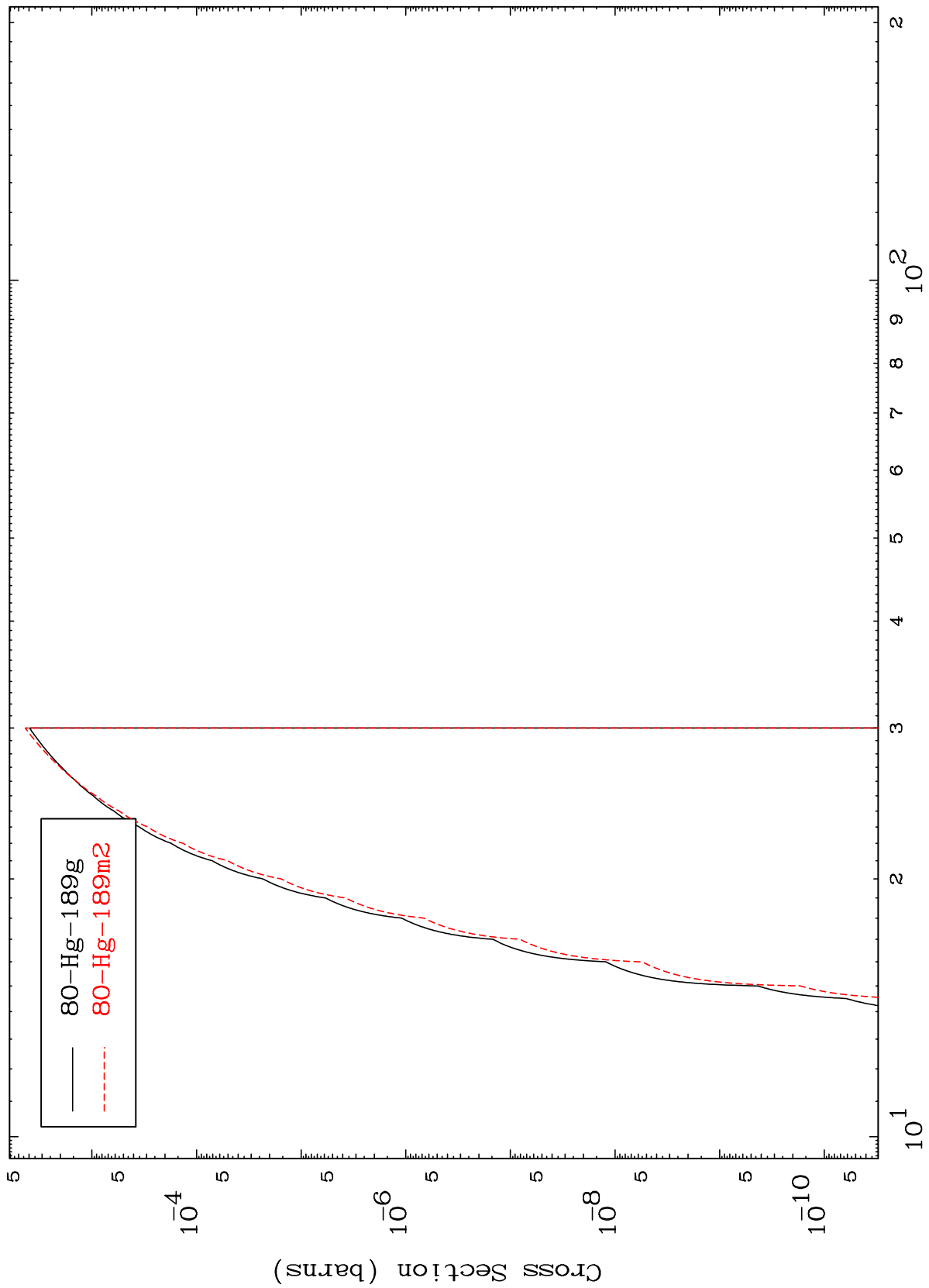
81-Tl-191

MAT 8089

(n,n') d

81-Tl-191

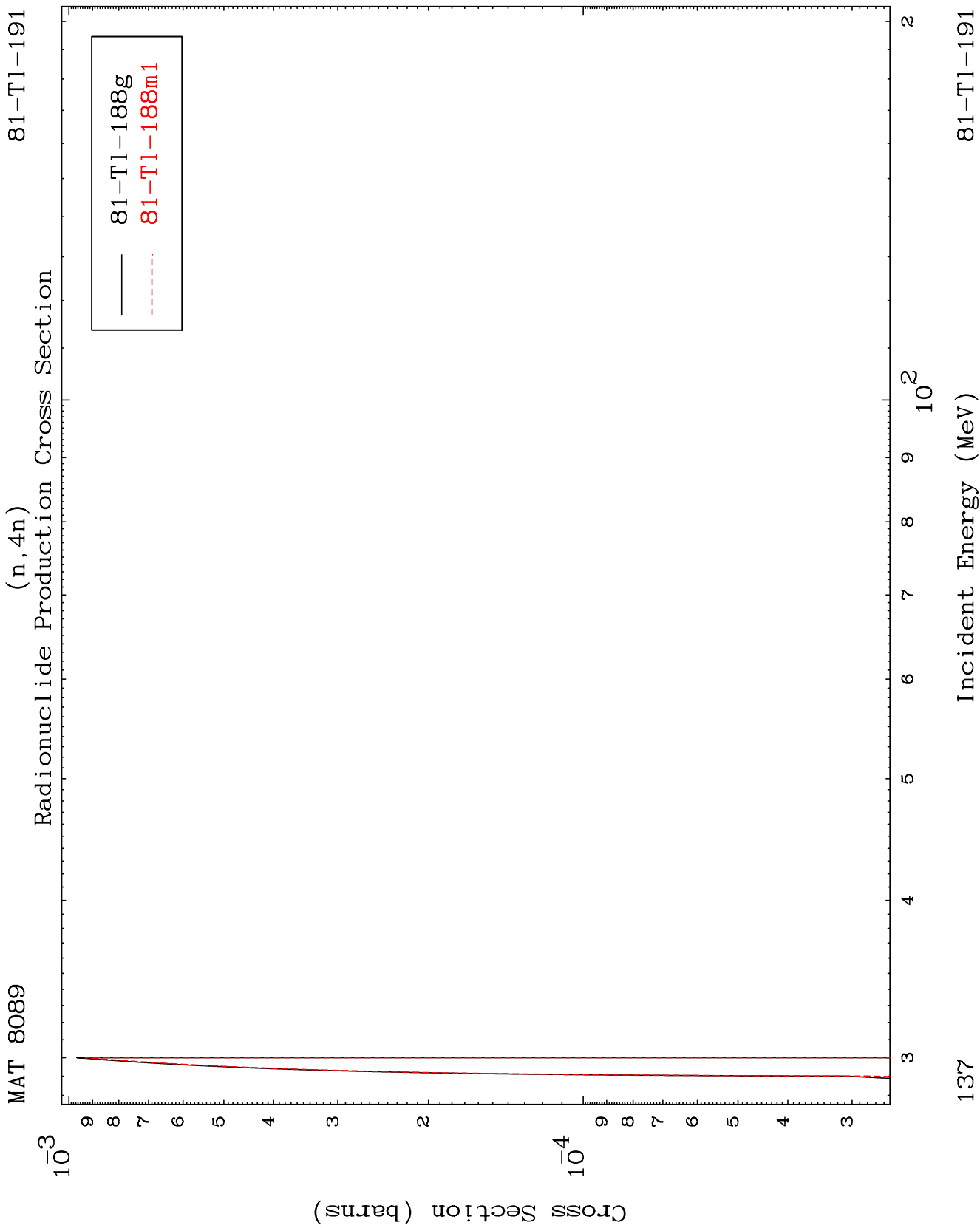
Radionuclide Production Cross Section



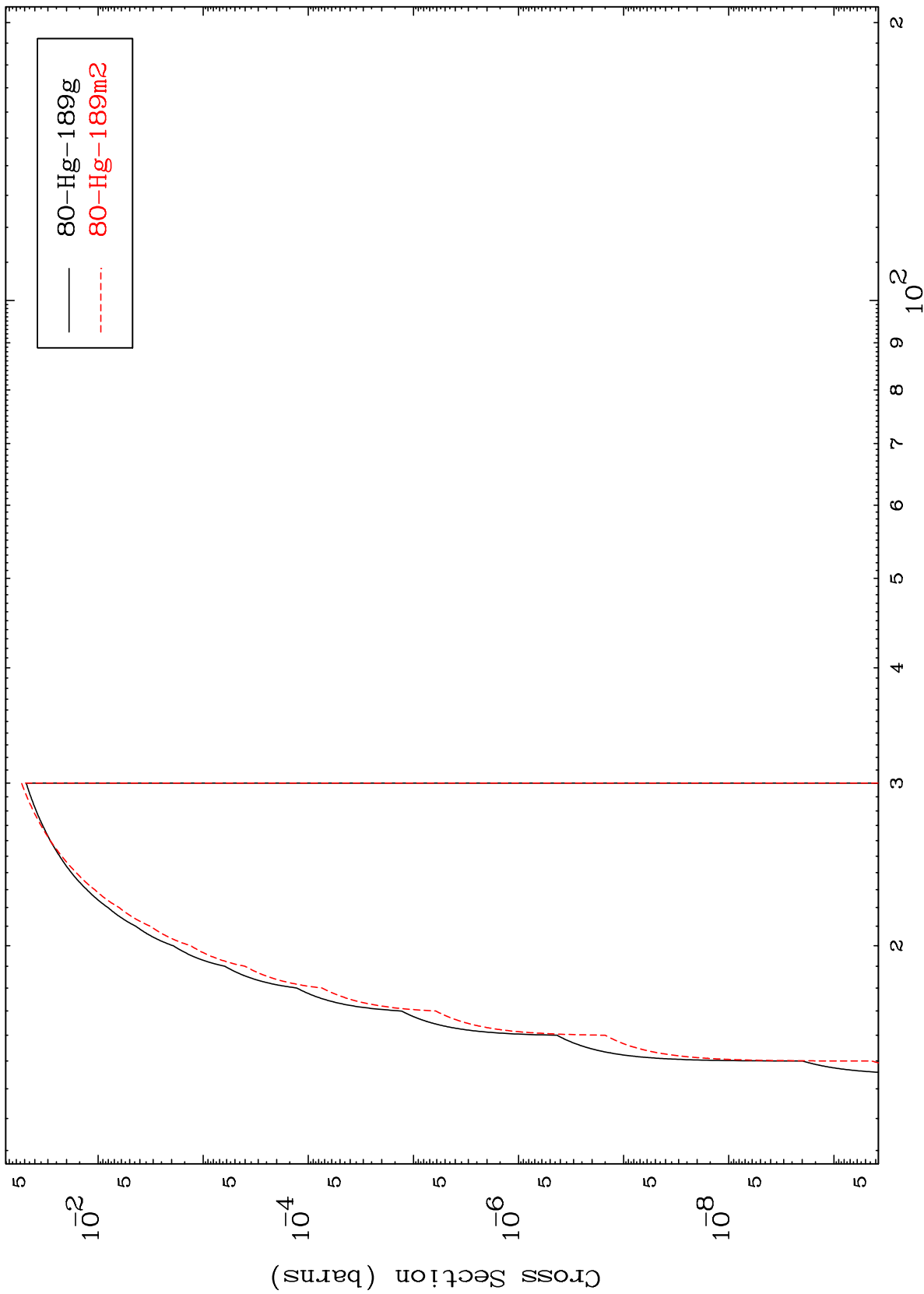
136

Incident Energy (MeV)

81-Tl-191



Radionuclide Production Cross Section

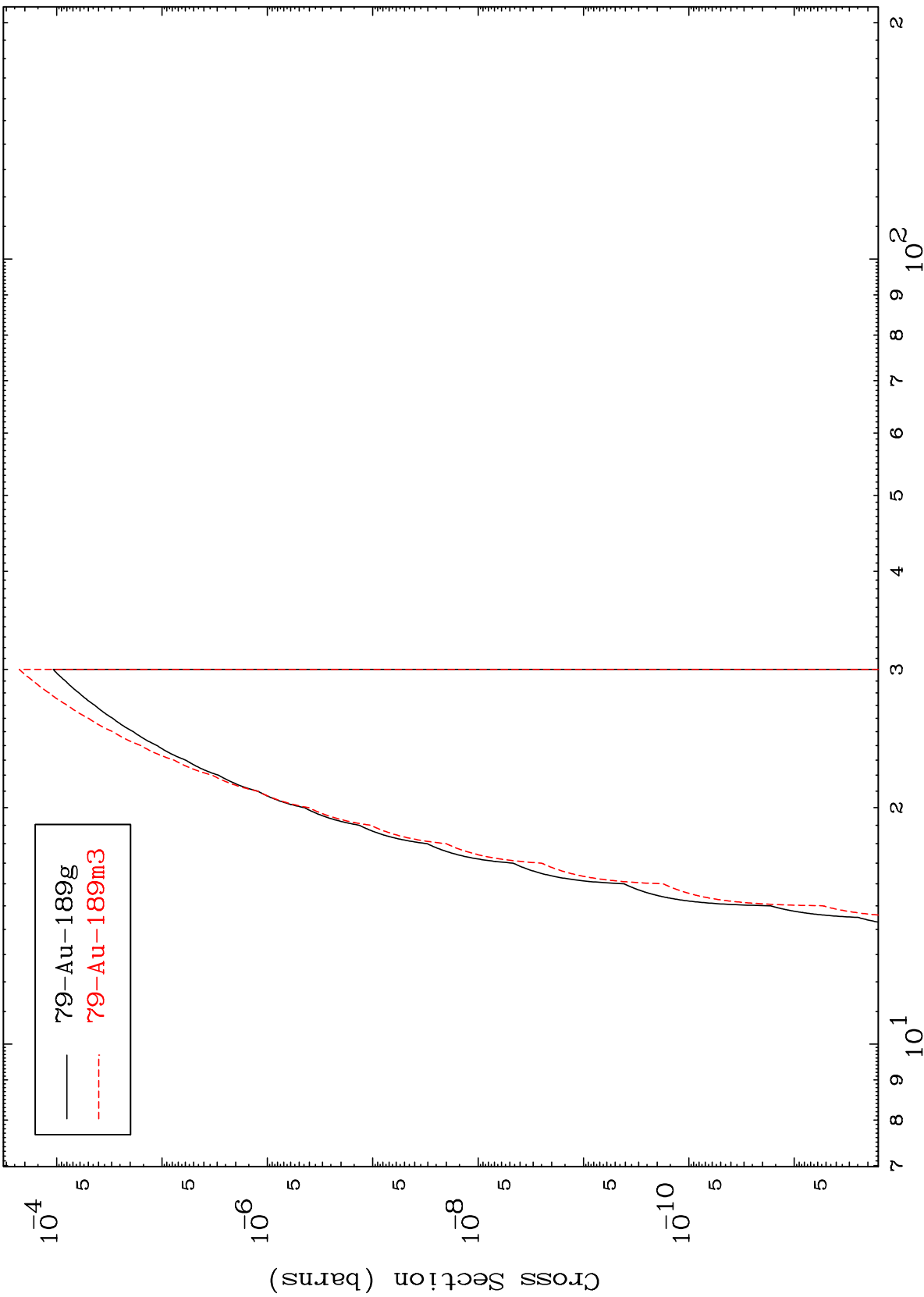


MAT 8089

(n,2n) p

81-Tl-191

Radionuclide Production Cross Section

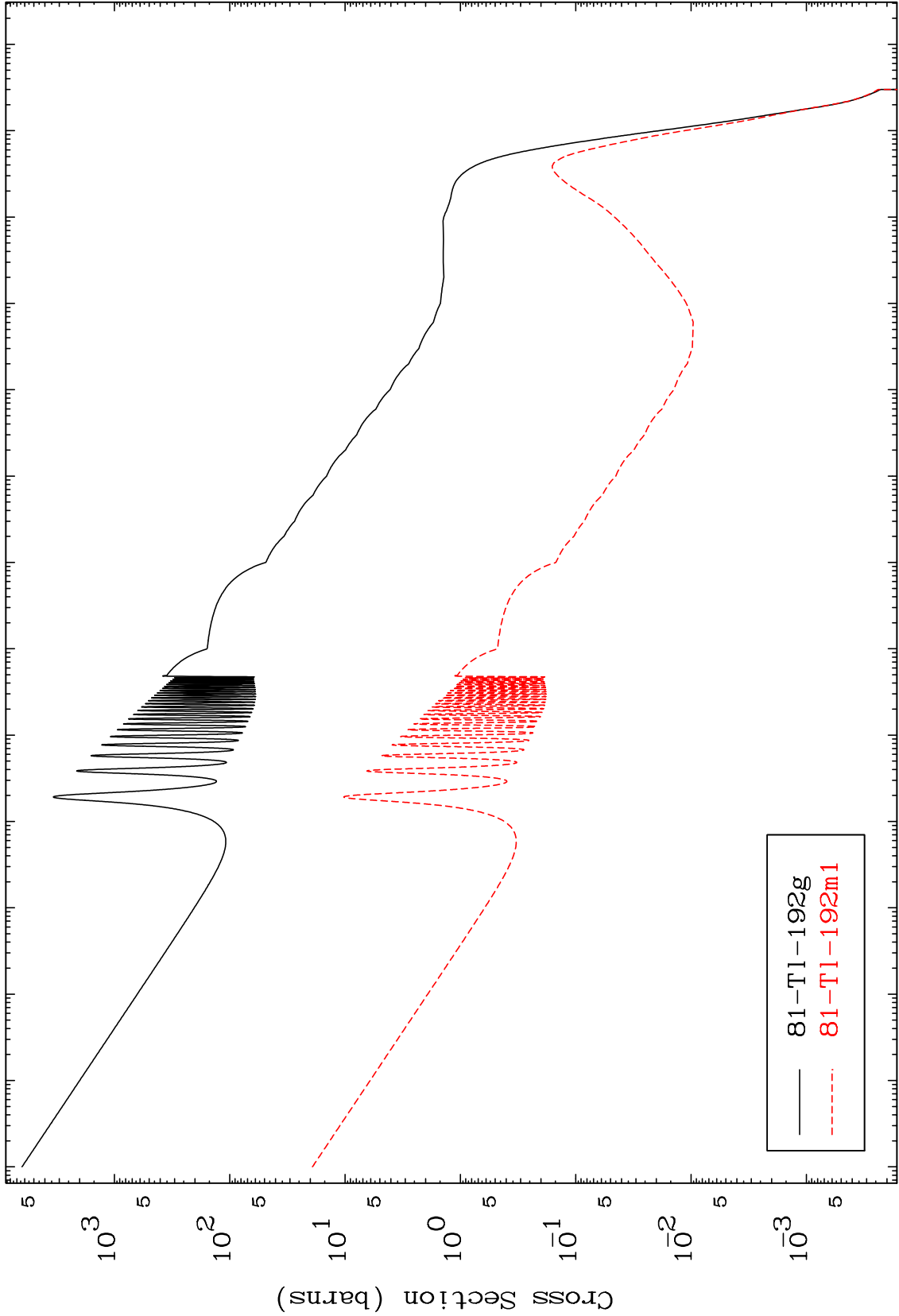


139

Incident Energy (MeV)

81-Tl-191

Radionuclide Production Cross Section



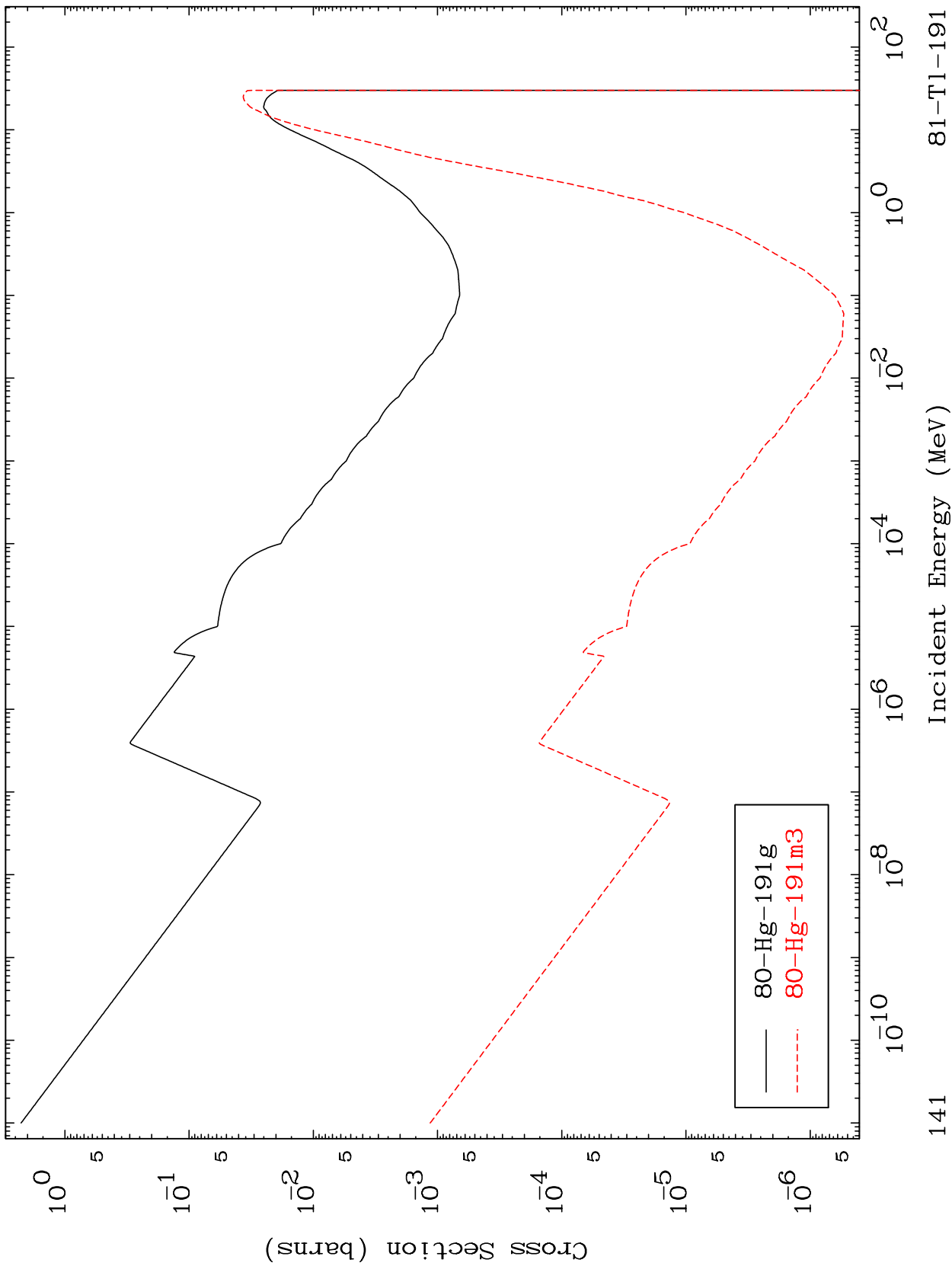
Incident Energy (MeV)

81-Tl-192g
81-Tl-192m1

MAT 8089

81-Tl-191

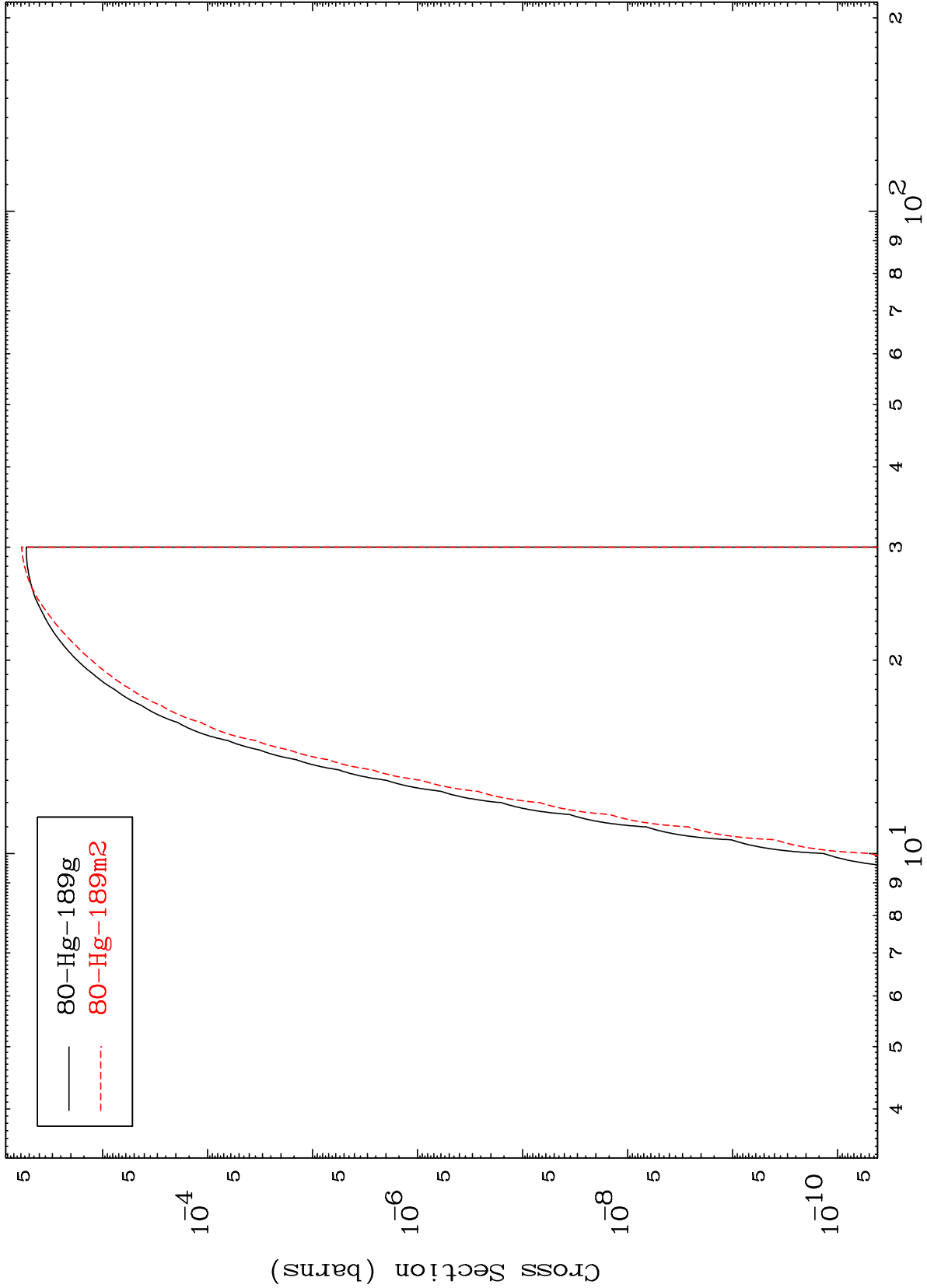
(n,p)
Radionuclide Production Cross Section



MAT 8089

81-Tl-191

(n, t)
Radionuclide Production Cross Section



142

Incident Energy (MeV)

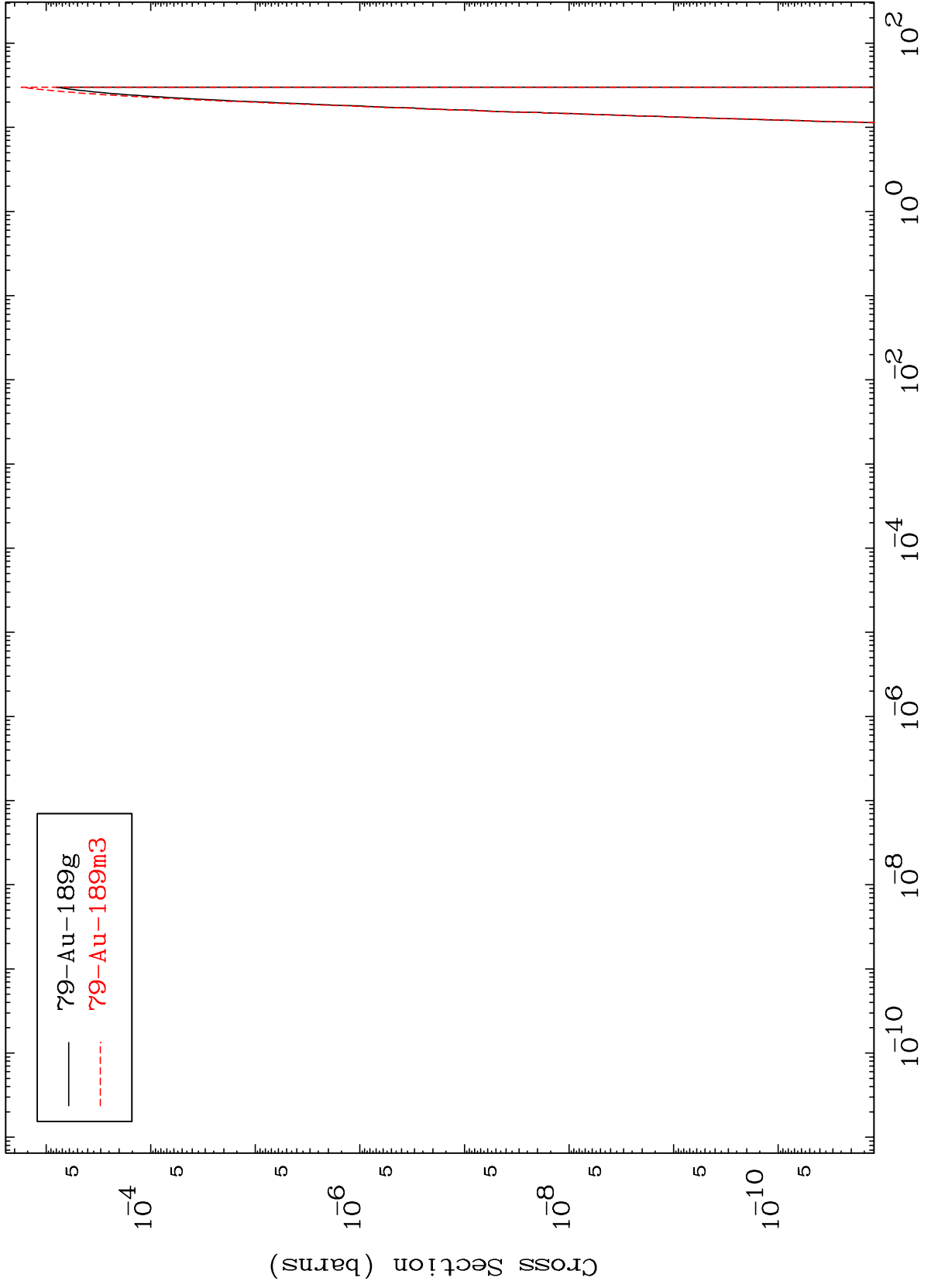
81-Tl-191

MAT 8089

(n,He-3)

81-Tl-191

Radionuclide Production Cross Section



143

Incident Energy (MeV)

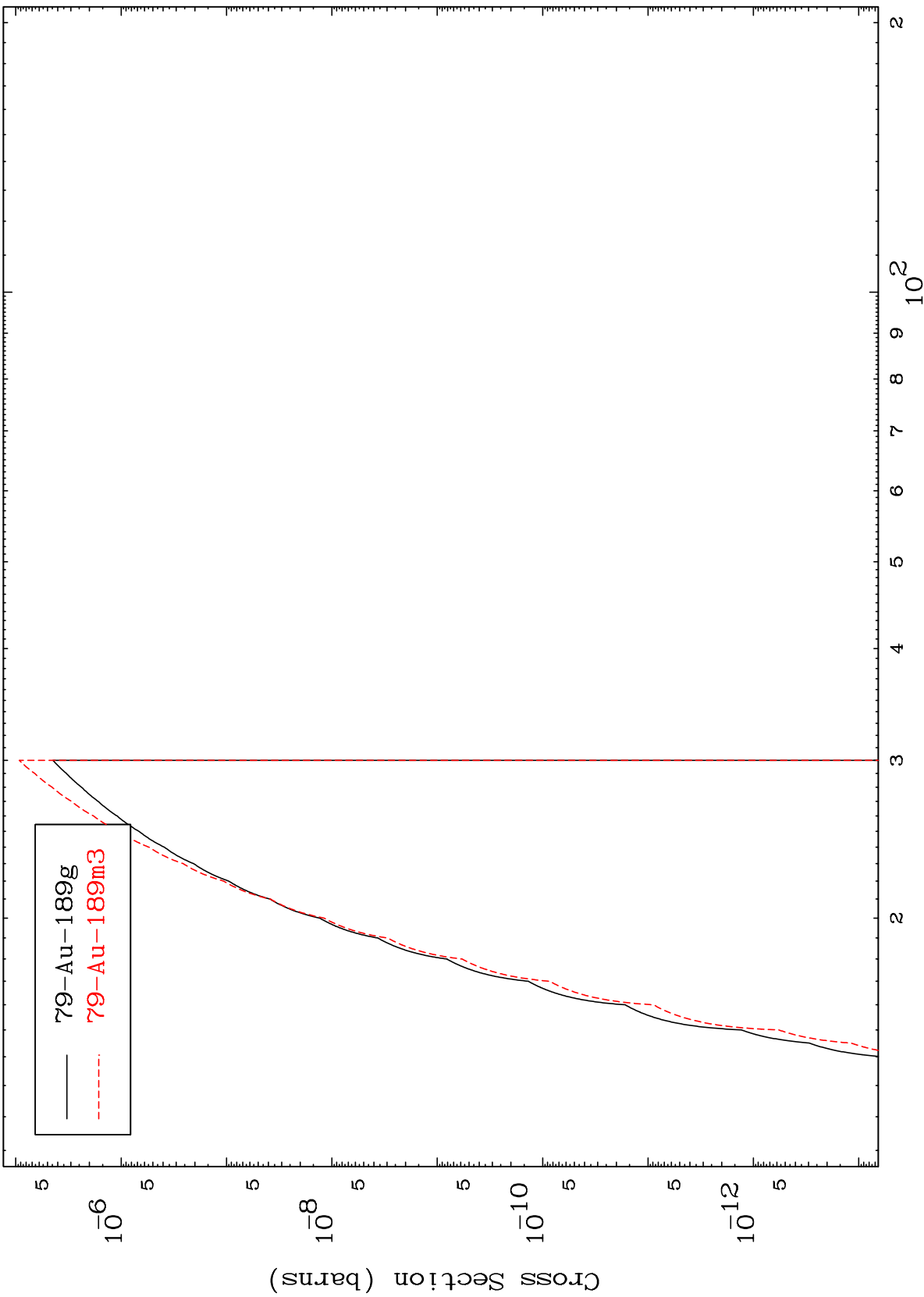
81-Tl-191

MAT 8089

(n,p) d

81-Tl-191

Radionuclide Production Cross Section



144

Incident Energy (MeV)

81-Tl-191