

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

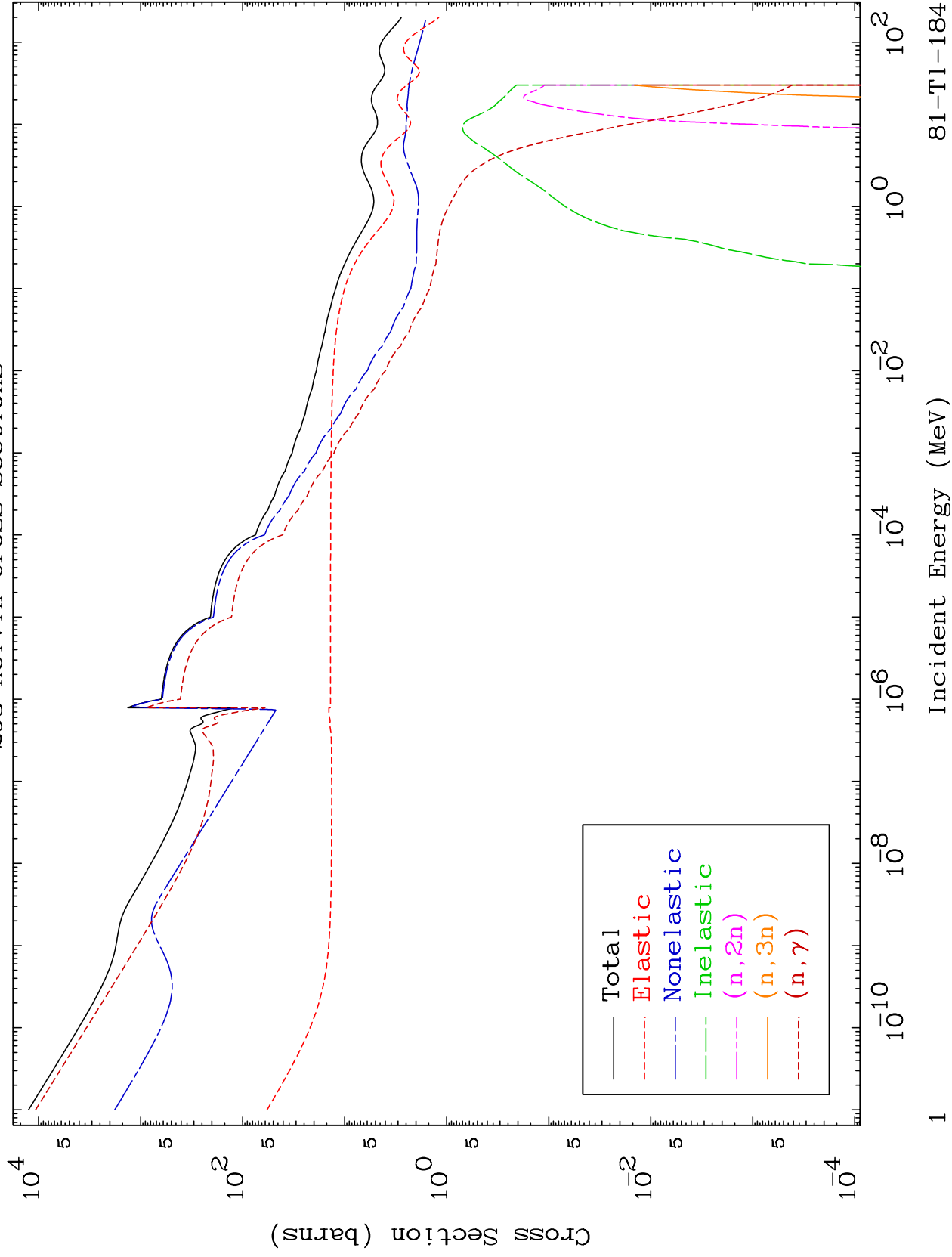
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8068

Neutron Major
293 Kelvin Cross Sections

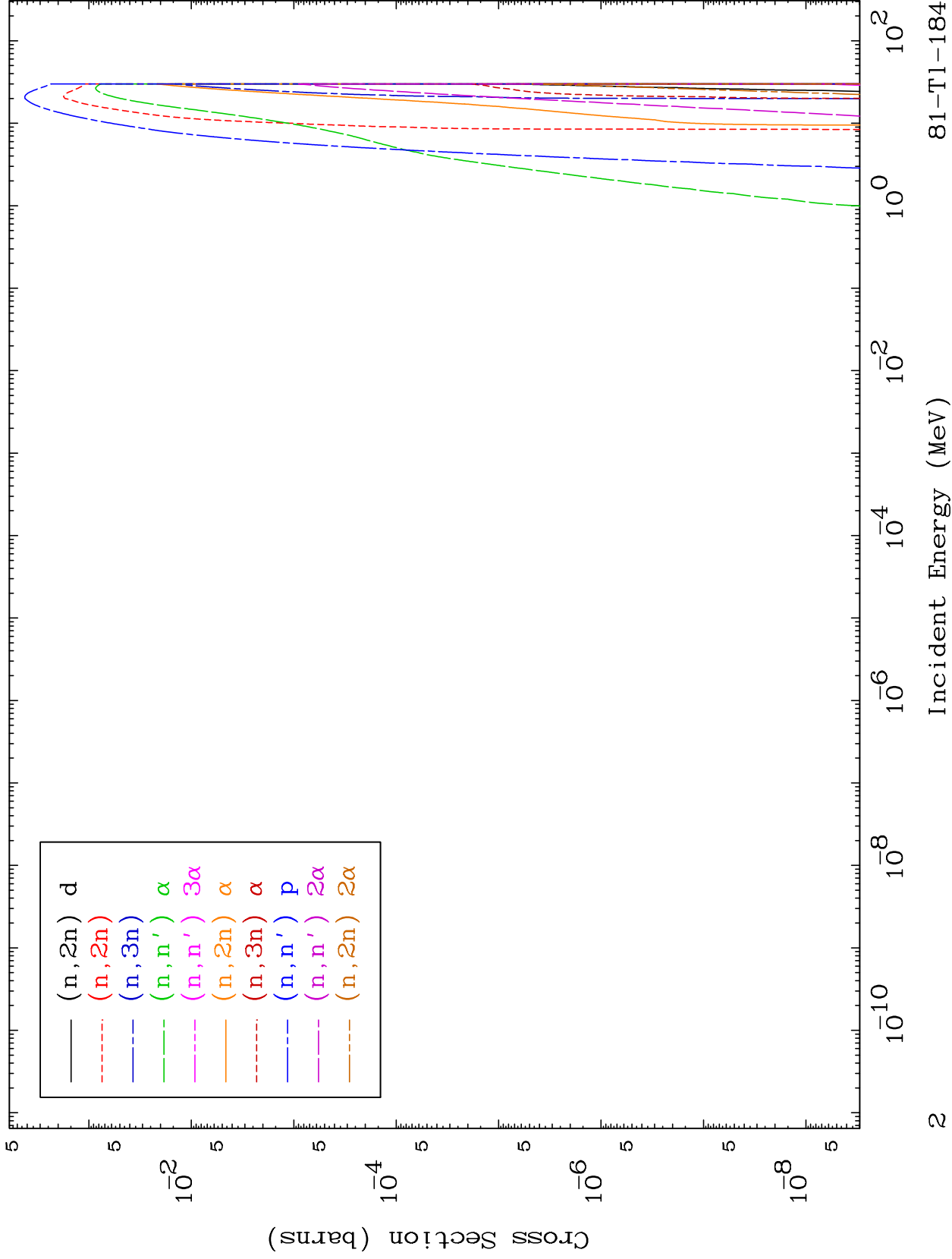
81-Tl-184



MAT 8068

Neutron Absorption
293 Kelvin Cross Sections

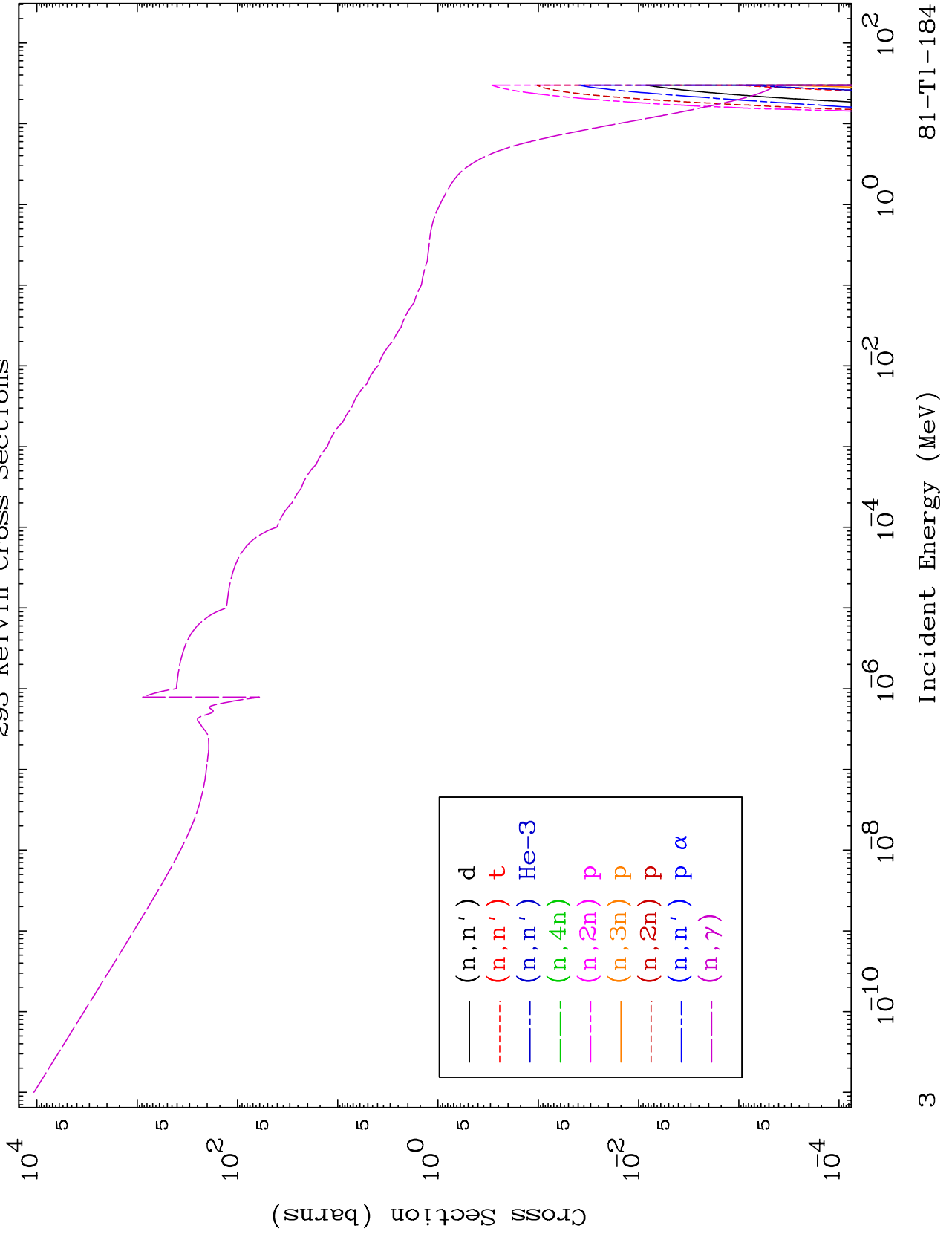
81-Tl-184

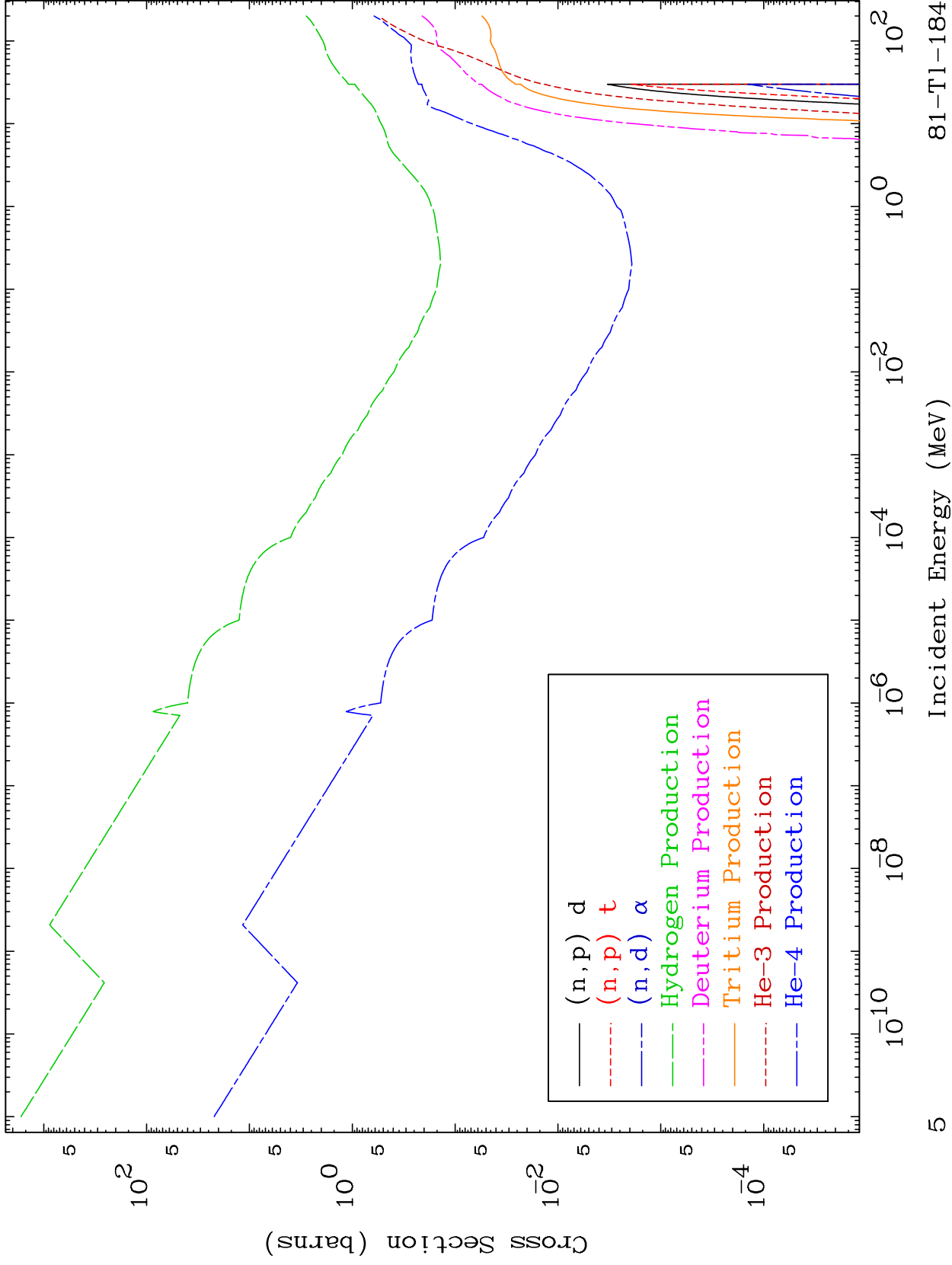


MAT 8068

Neutron Absorption
293 Kelvin Cross Sections

81-Tl-184

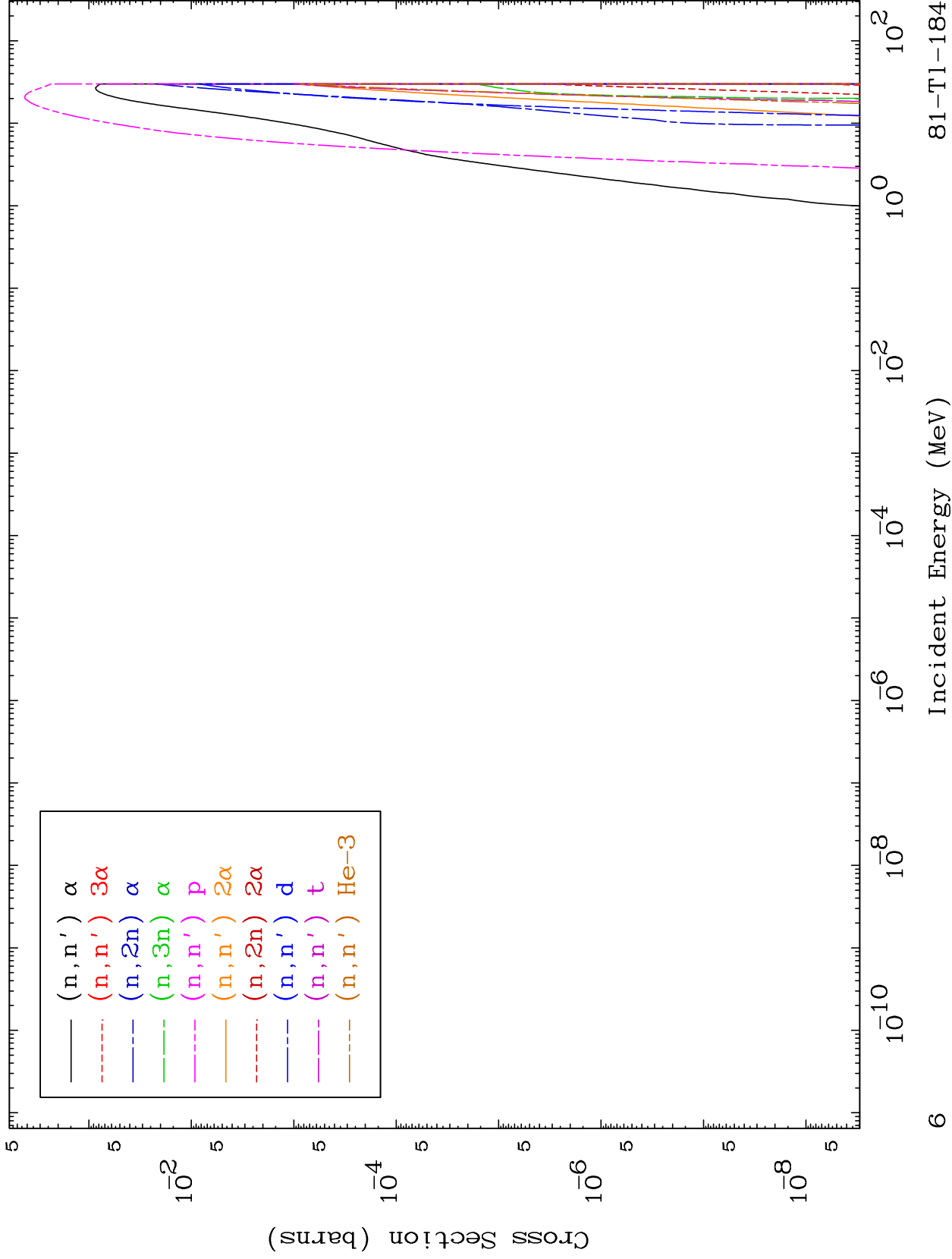




MAT 8068

Charged Particle
293 Kelvin Cross Sections

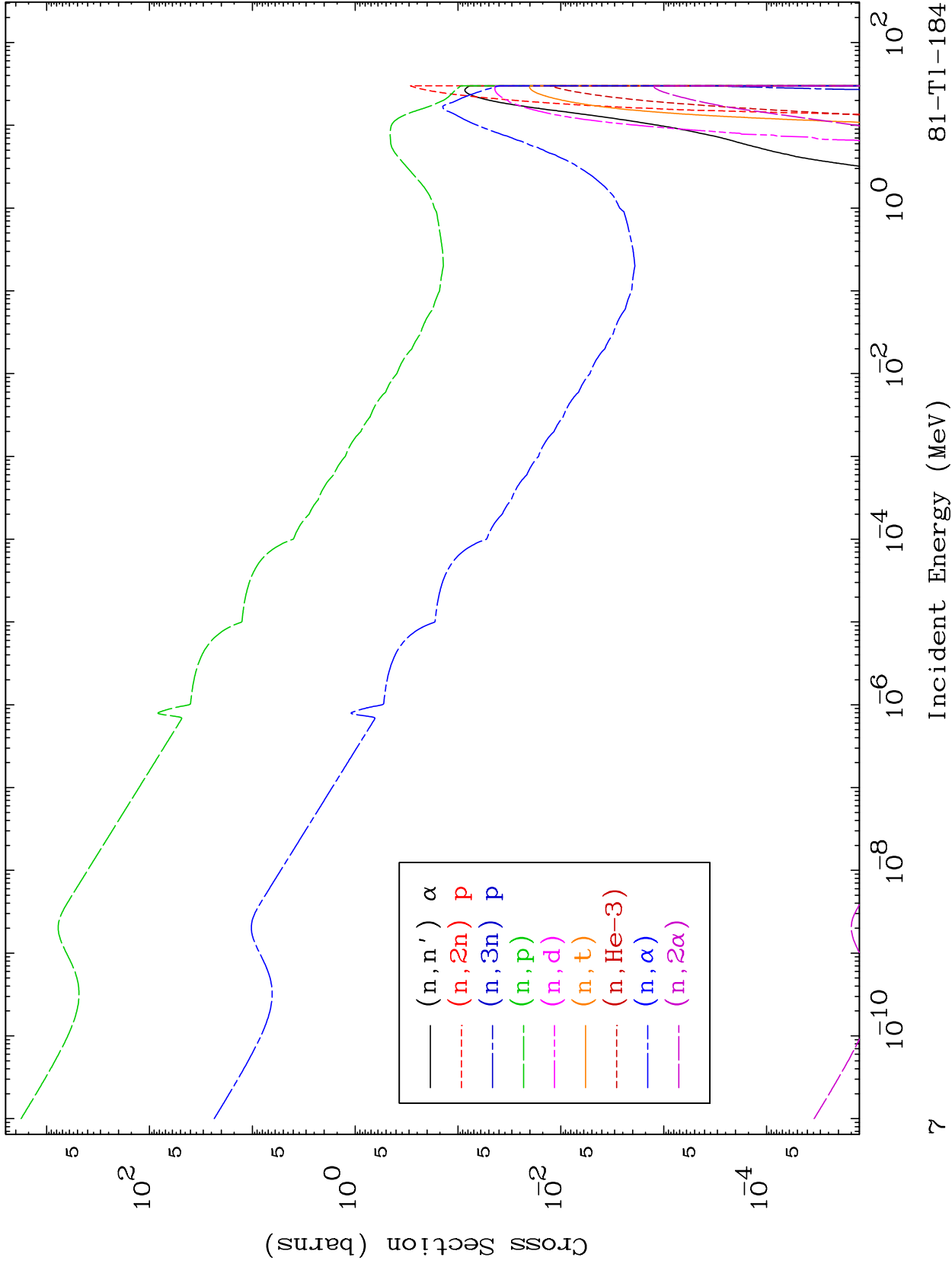
81-Tl-184



MAT 8068

Charged Particle
293 Kelvin Cross Sections

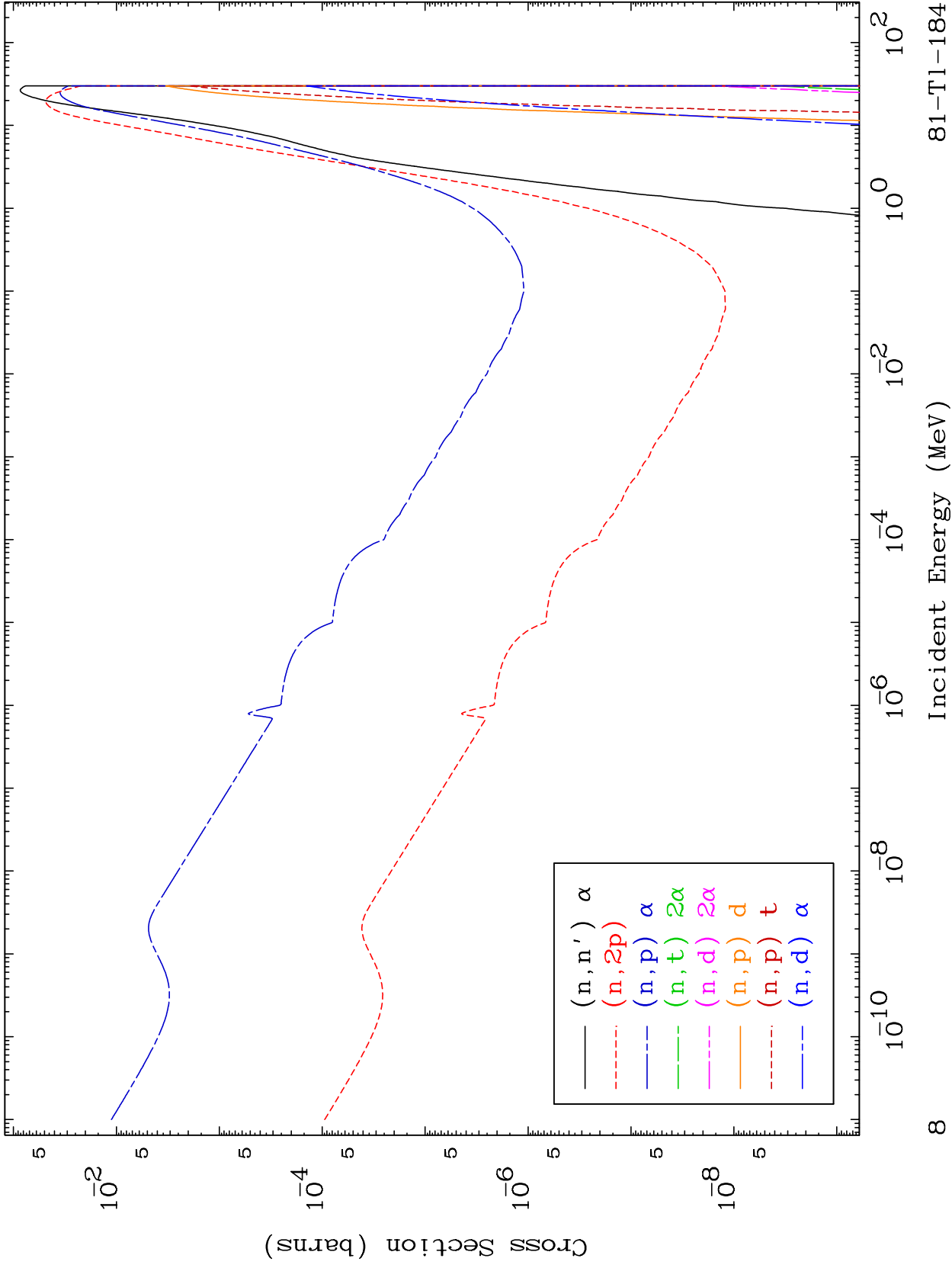
81-Tl-184

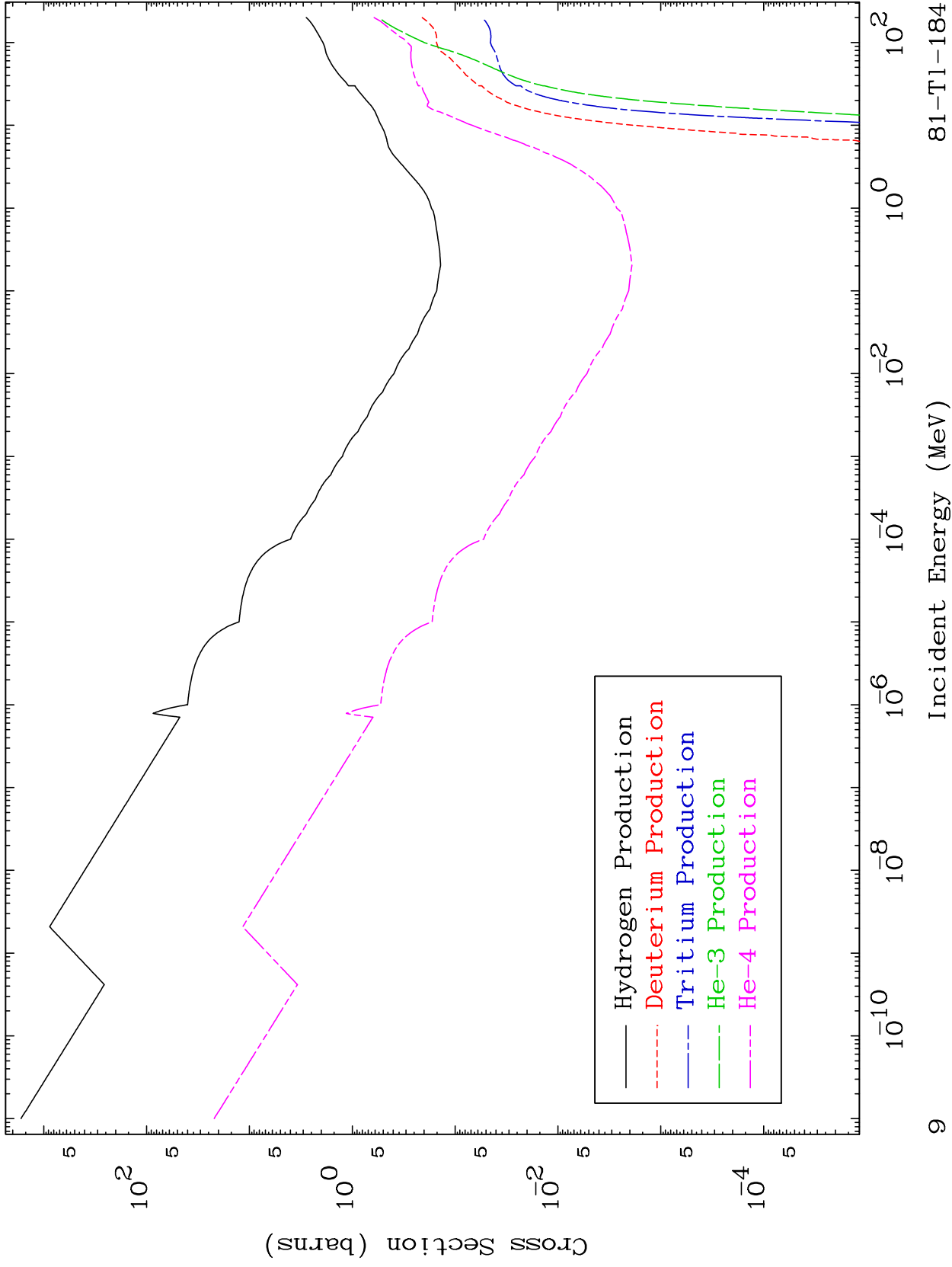


MAT 8068

Charged Particle
293 Kelvin Cross Sections

81-Tl-184

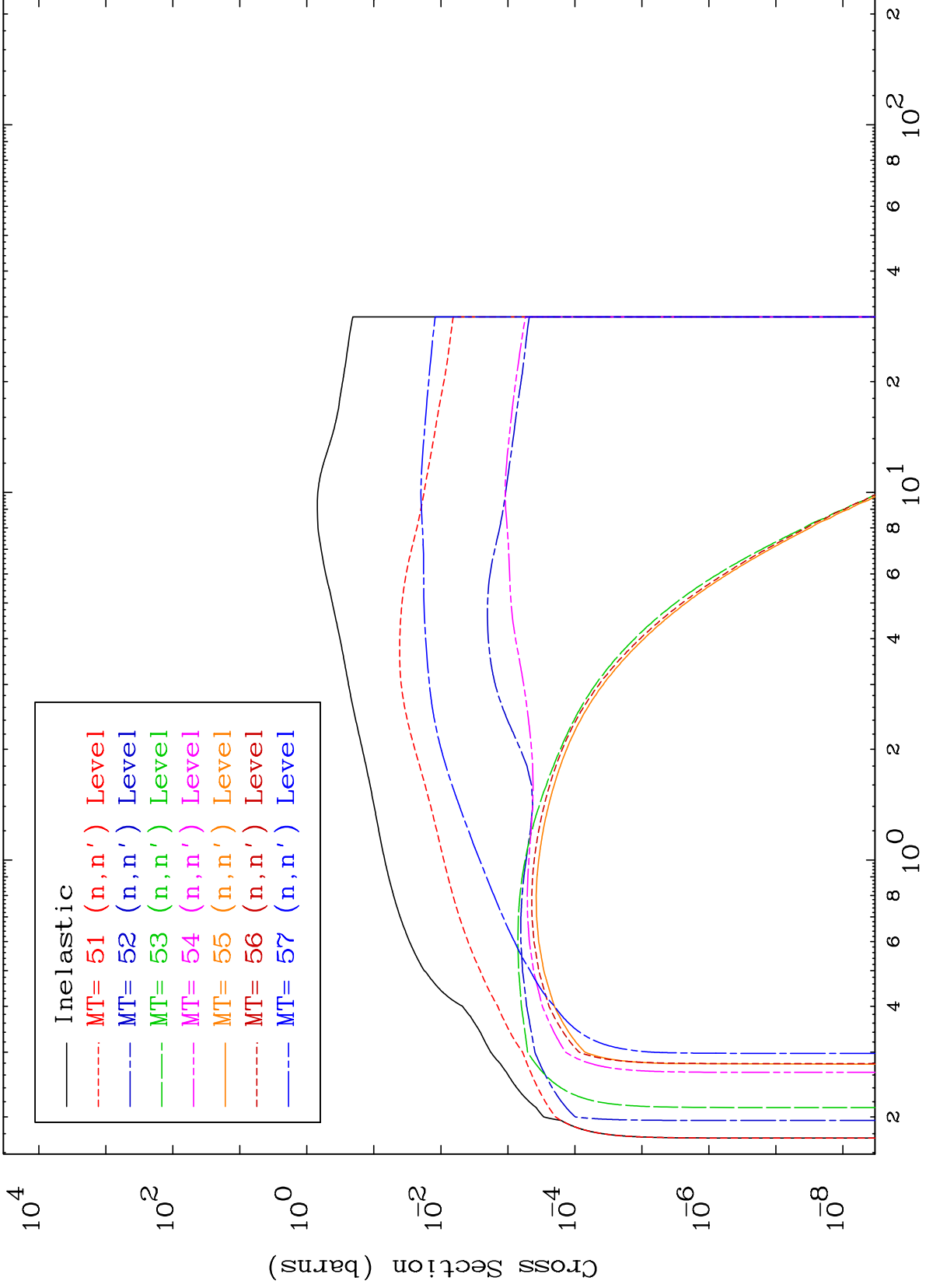




MAT 8068

(n,n') Levels
293 Kelvin Cross Sections

81-Tl-184



10

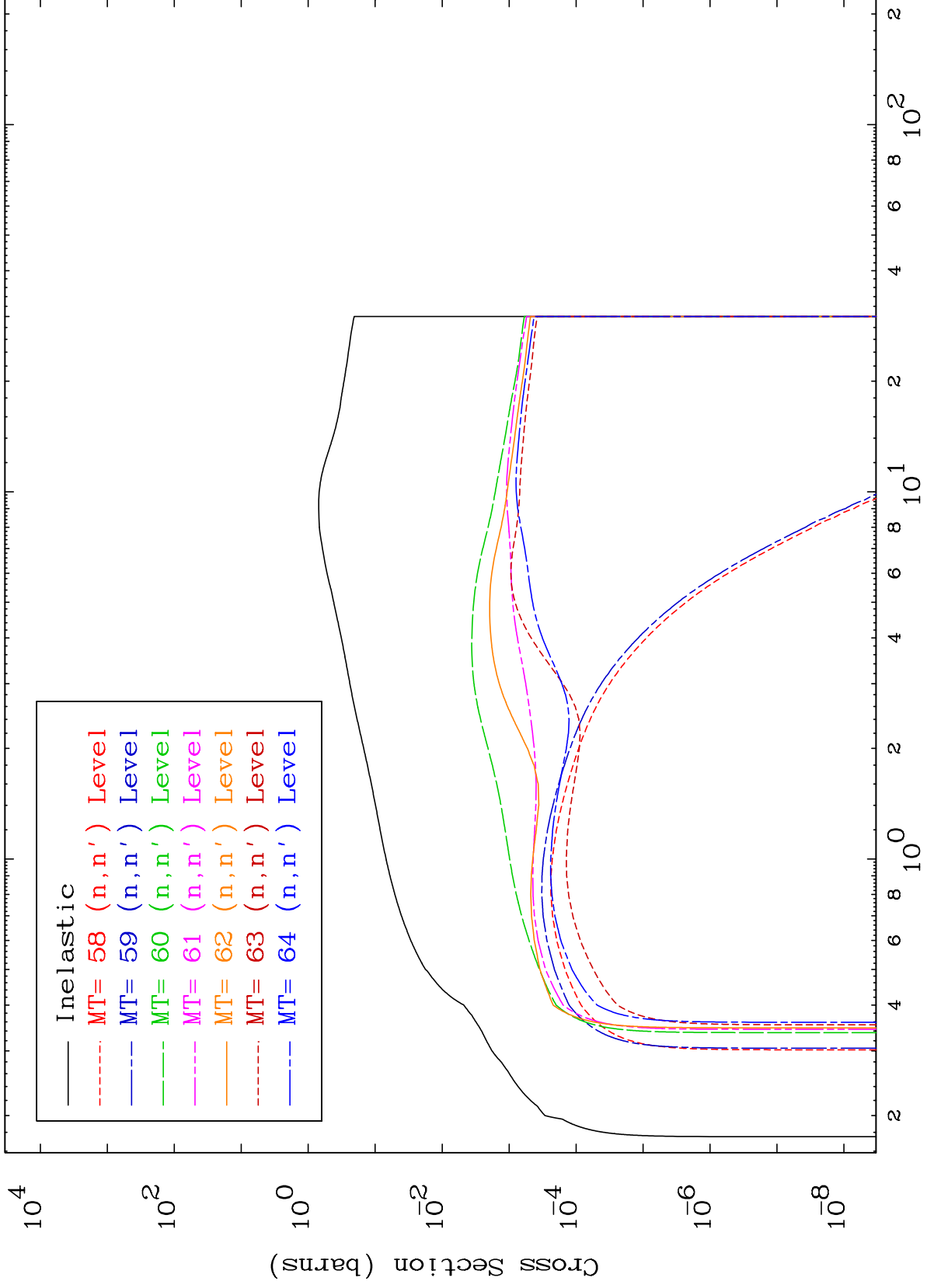
Incident Energy (MeV)

81-Tl-184

MAT 8068

(n,n') Levels
293 Kelvin Cross Sections

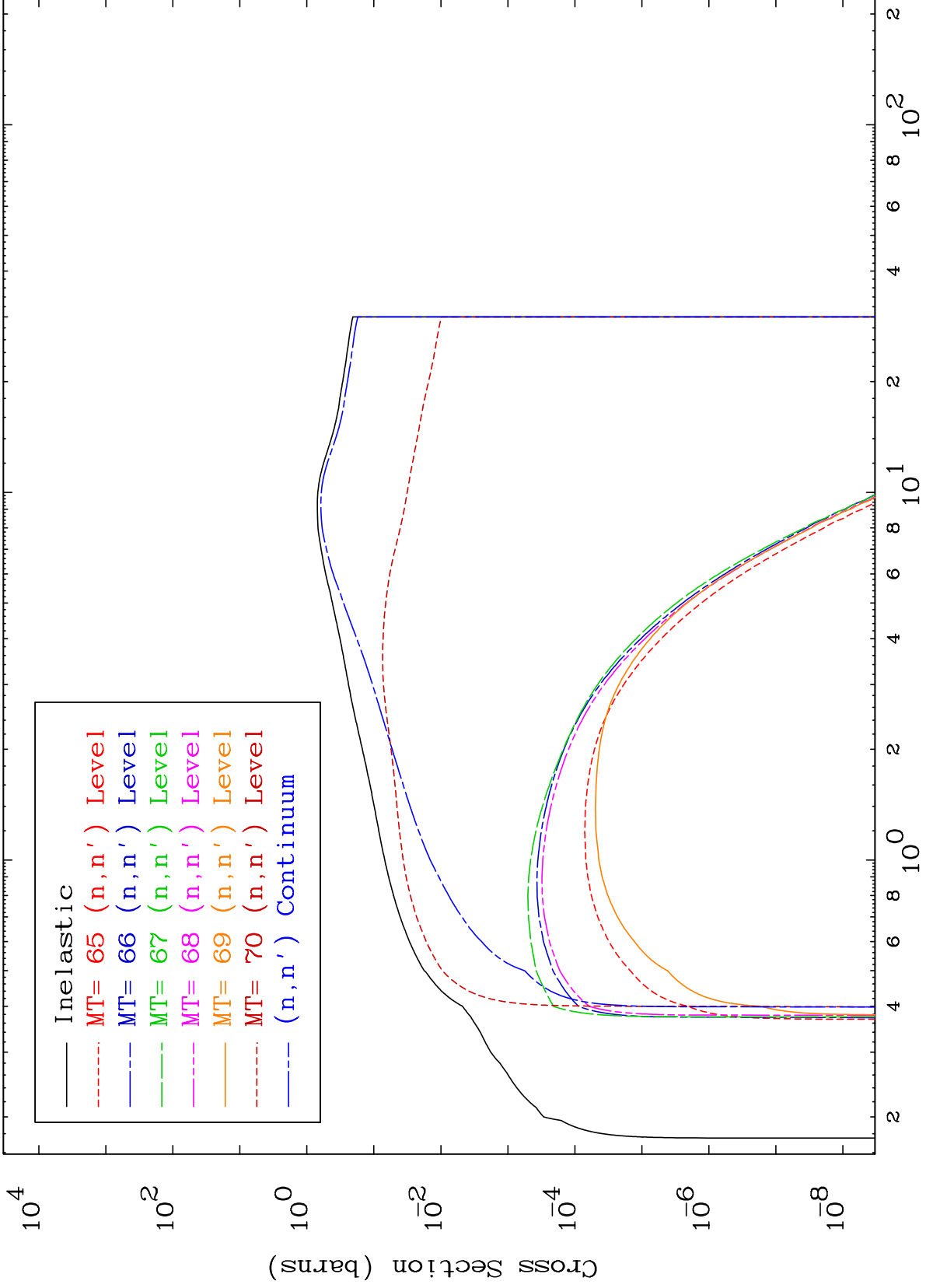
81-Tl-184



MAT 8068

(n,n') Levels
293 Kelvin Cross Sections

81-Tl-184



12

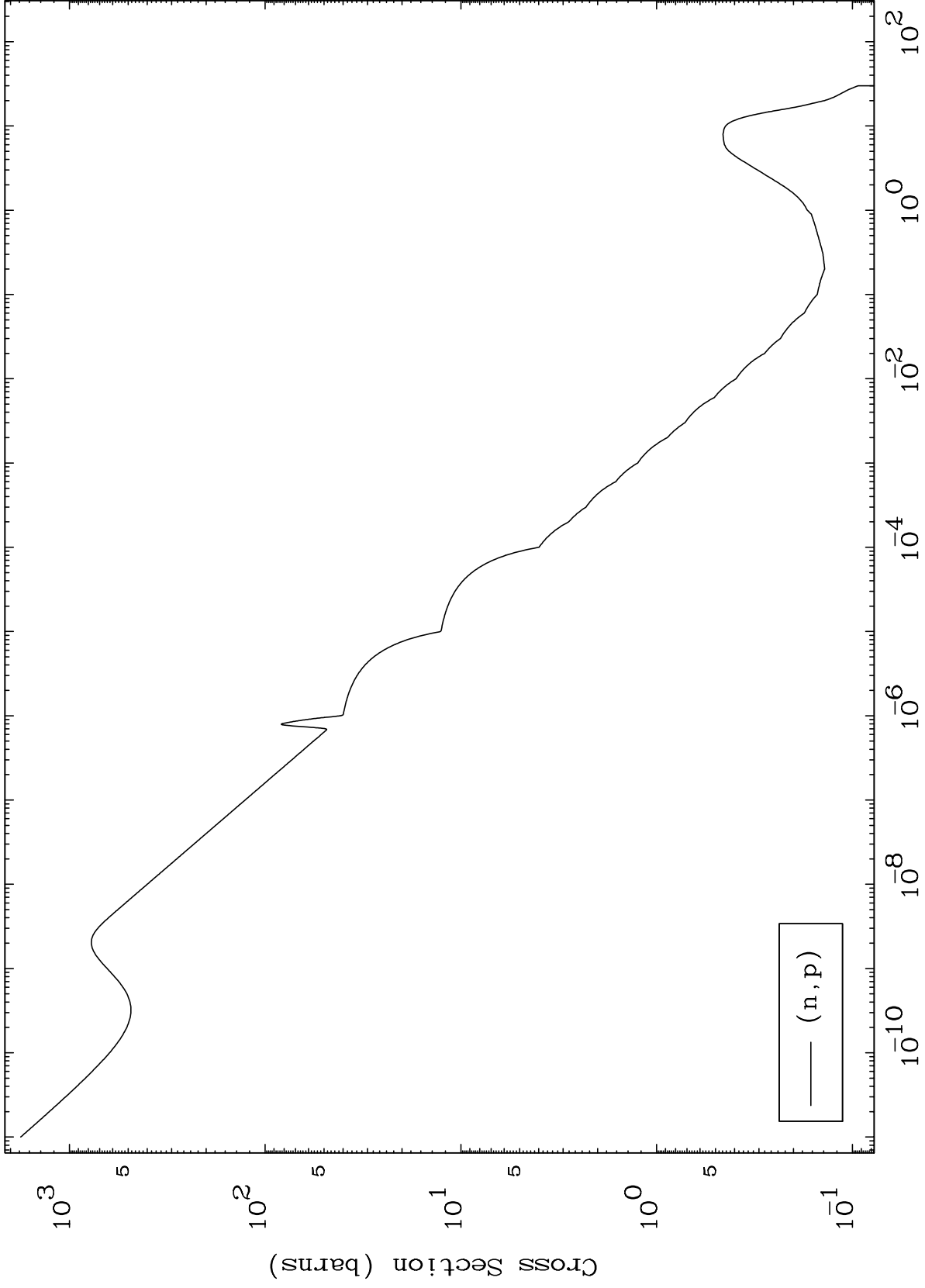
Incident Energy (MeV)

81-Tl-184

MAT 8068

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-184



13

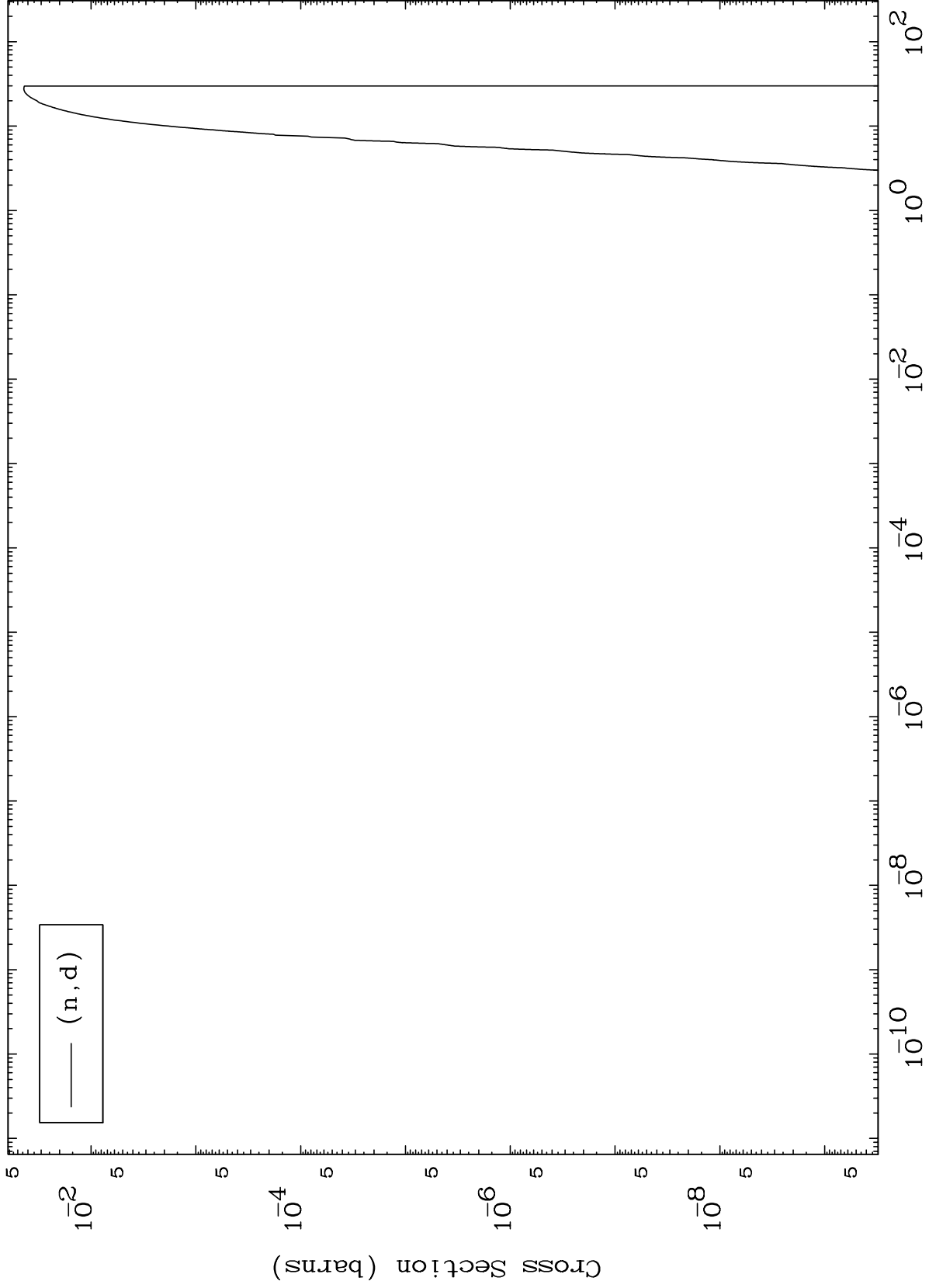
Incident Energy (MeV)

81-Tl-184

MAT 8068

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-184



14

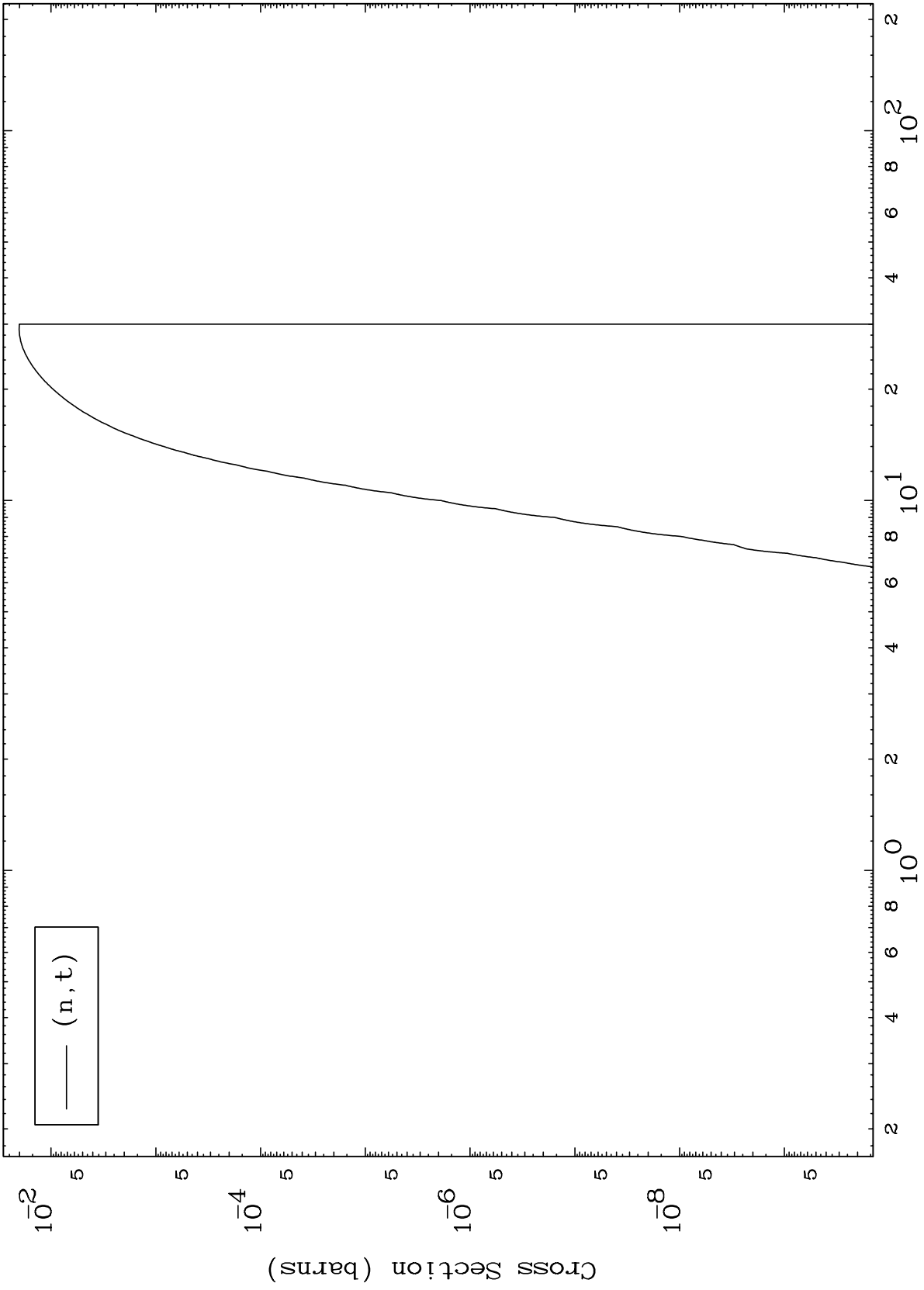
Incident Energy (MeV)

81-Tl-184

MAT 8068

293 Kelvin Cross Sections
(n,t) Levels

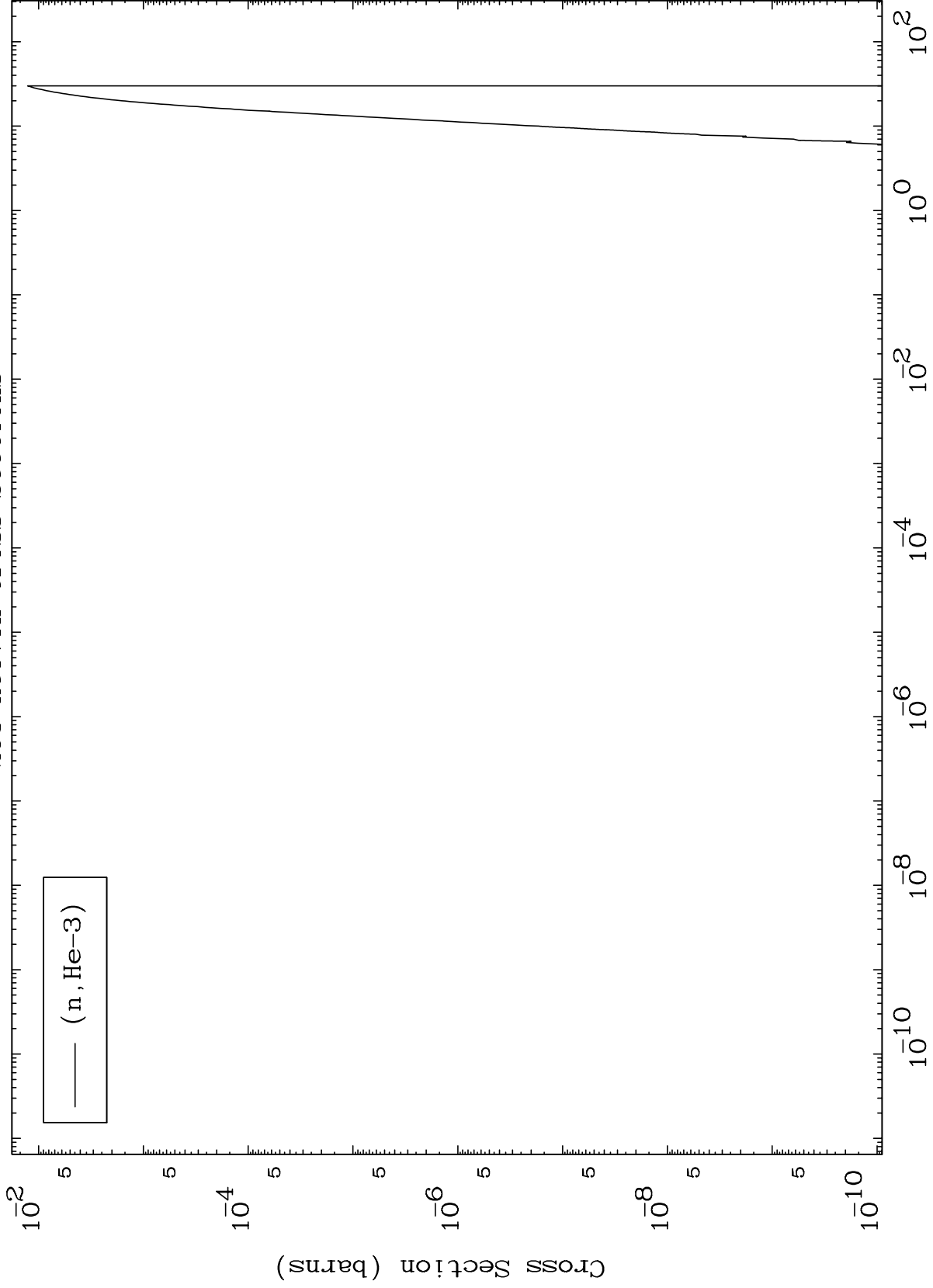
81-Tl-184



MAT 8068

(n,He3) Levels
293 Kelvin Cross Sections

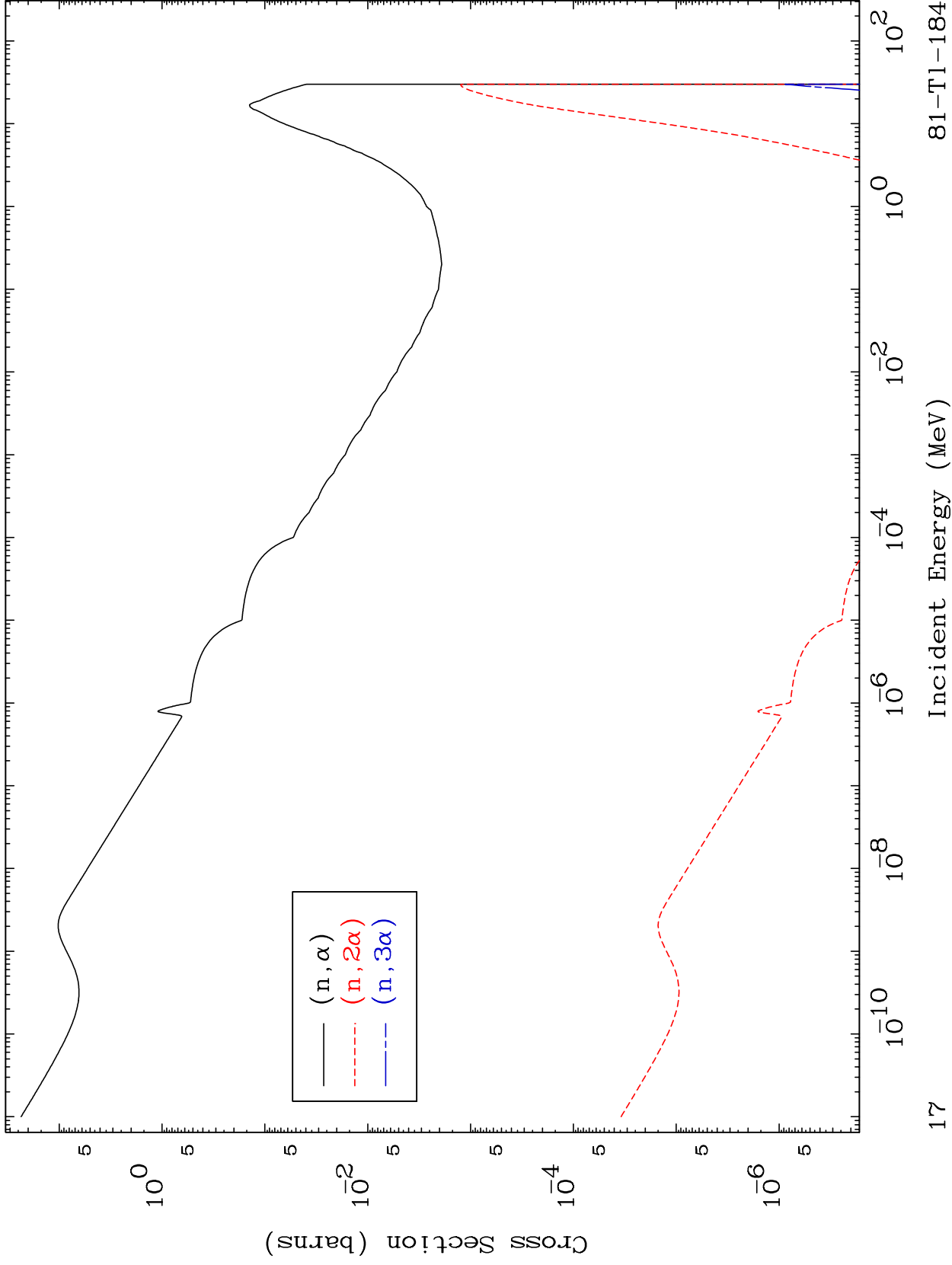
81-Tl-184



MAT 8068

293 Kelvin Cross Sections
(n, α) Levels

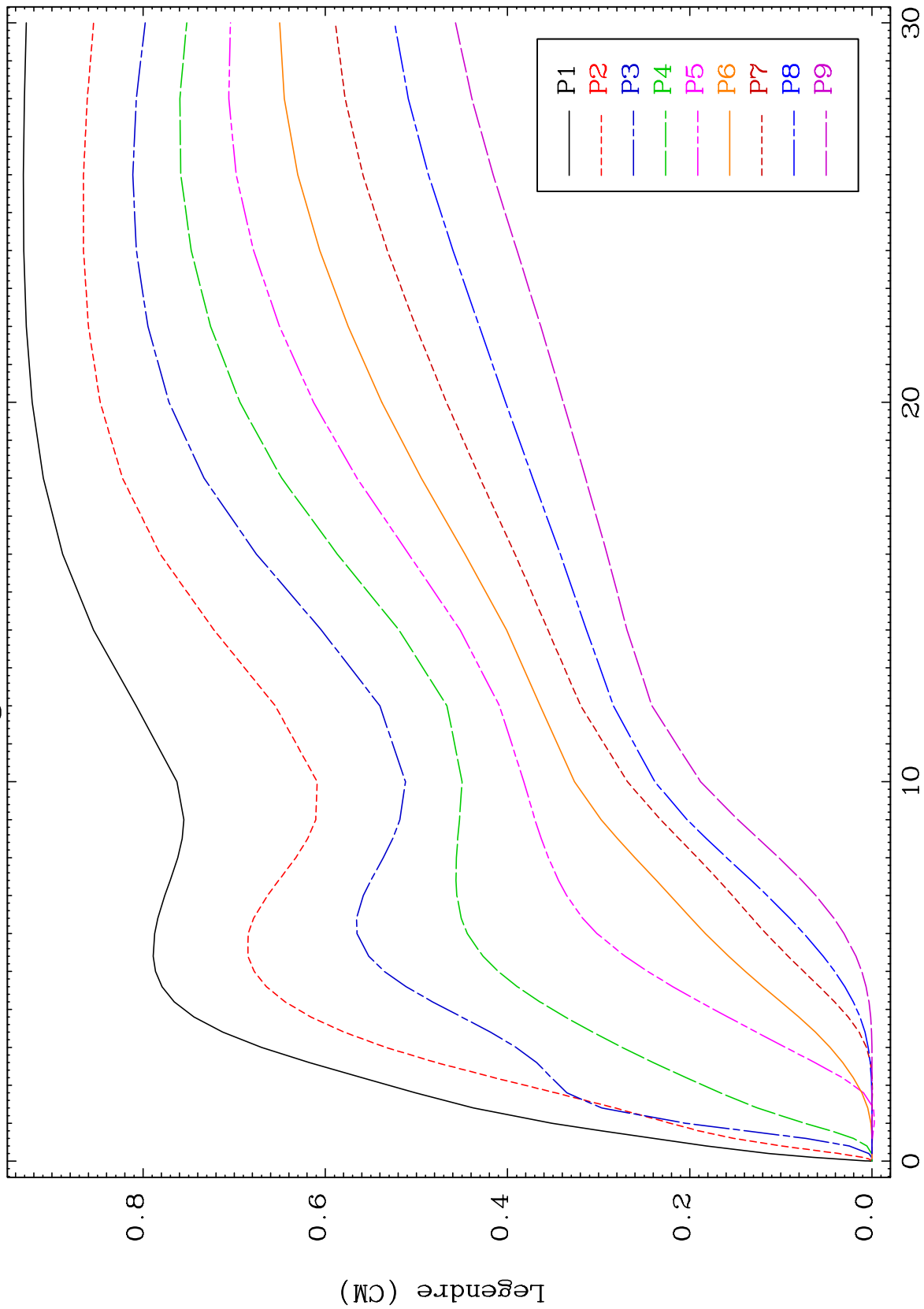
81-Tl-184



MAT 8068

Elastic Legendre Coefficients

81-Tl-184



18

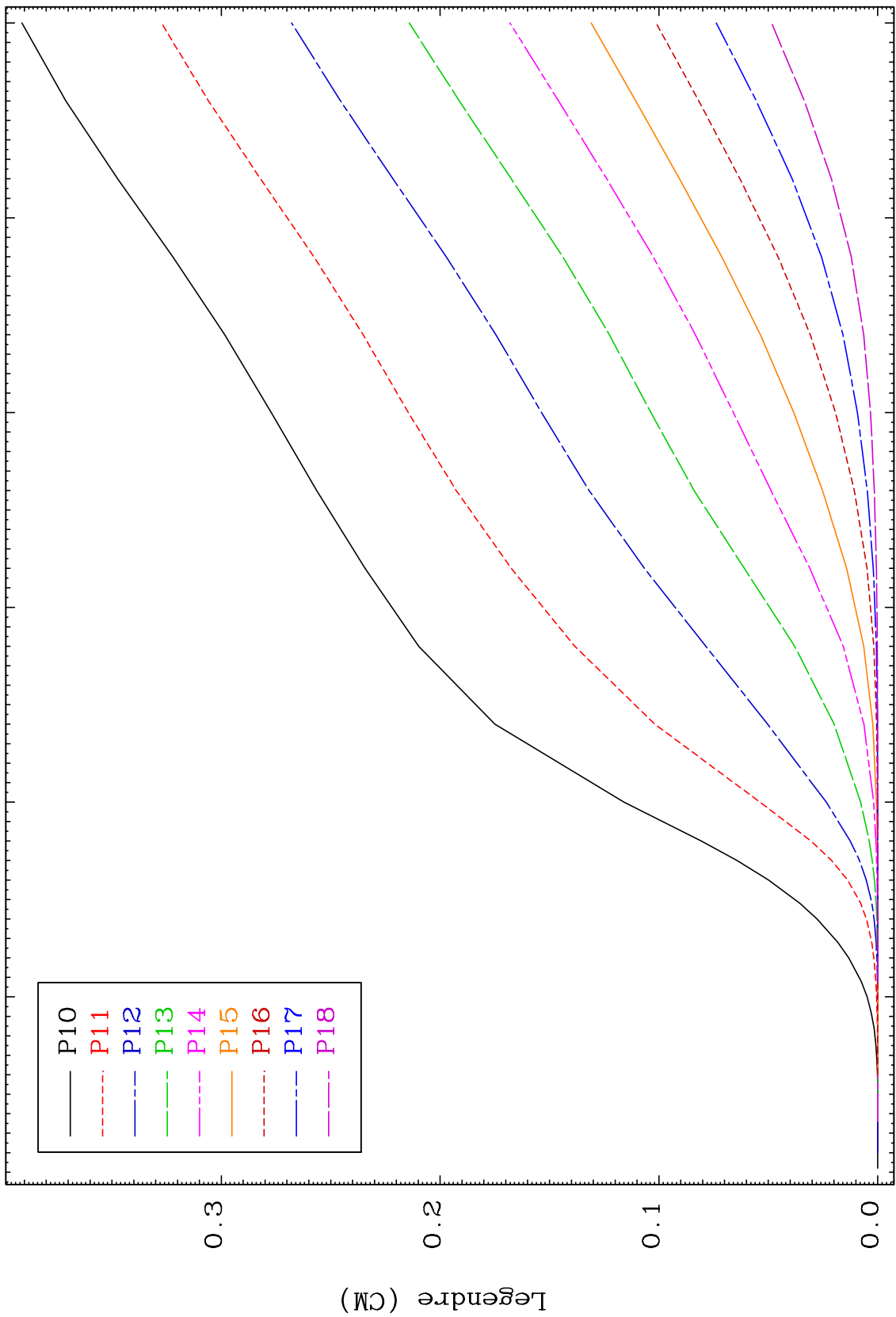
Incident Energy (MeV)

81-Tl-184

MAT 8068

Elastic Legendre Coefficients

81-Tl-184



19

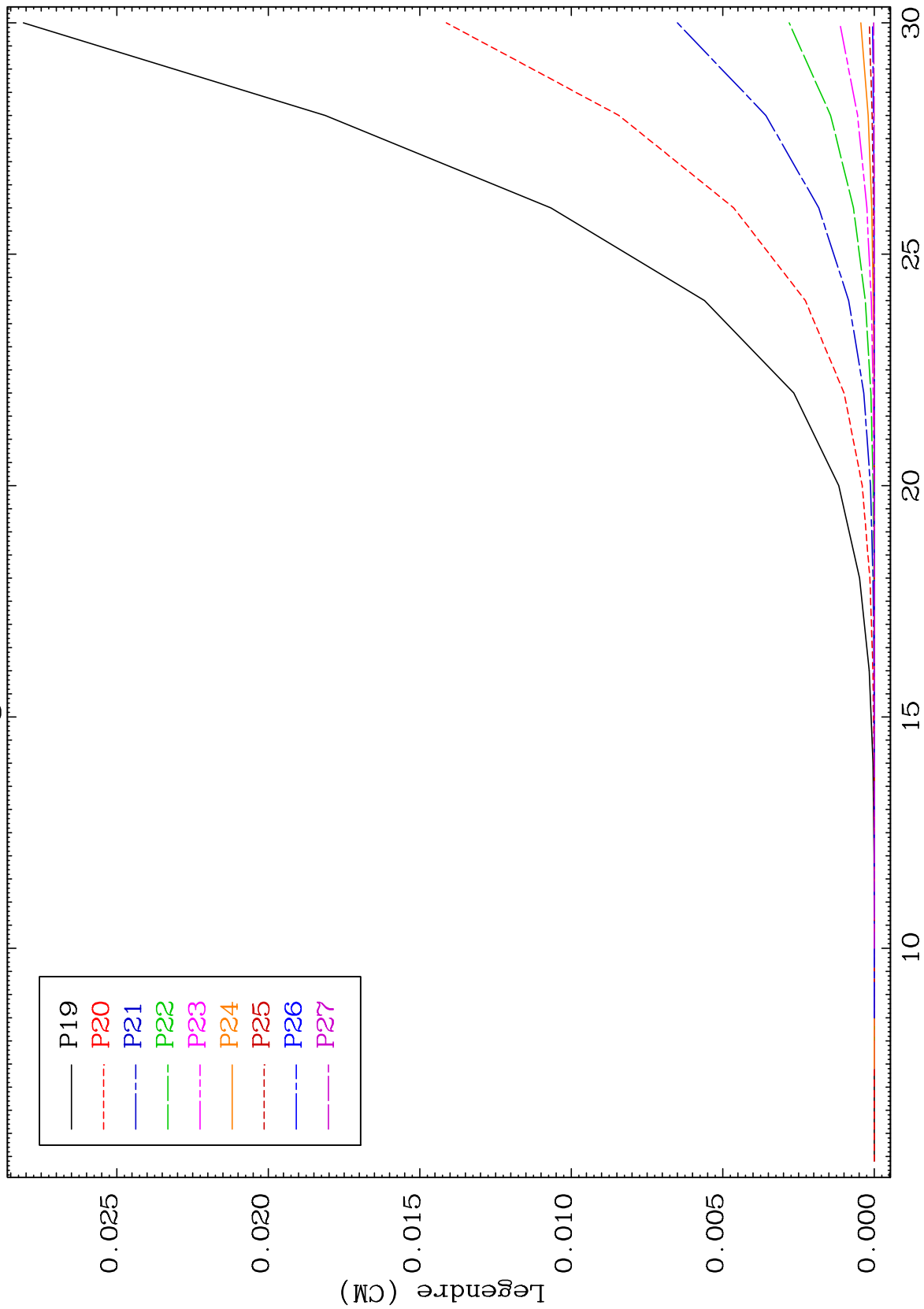
Incident Energy (MeV)

81-Tl-184

MAT 8068

Elastic Legendre Coefficients

81-Tl-184



20

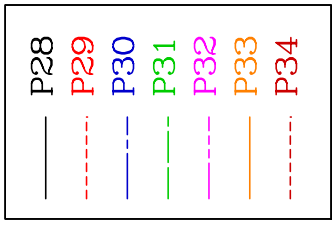
Incident Energy (MeV)

81-Tl-184

MAT 8068

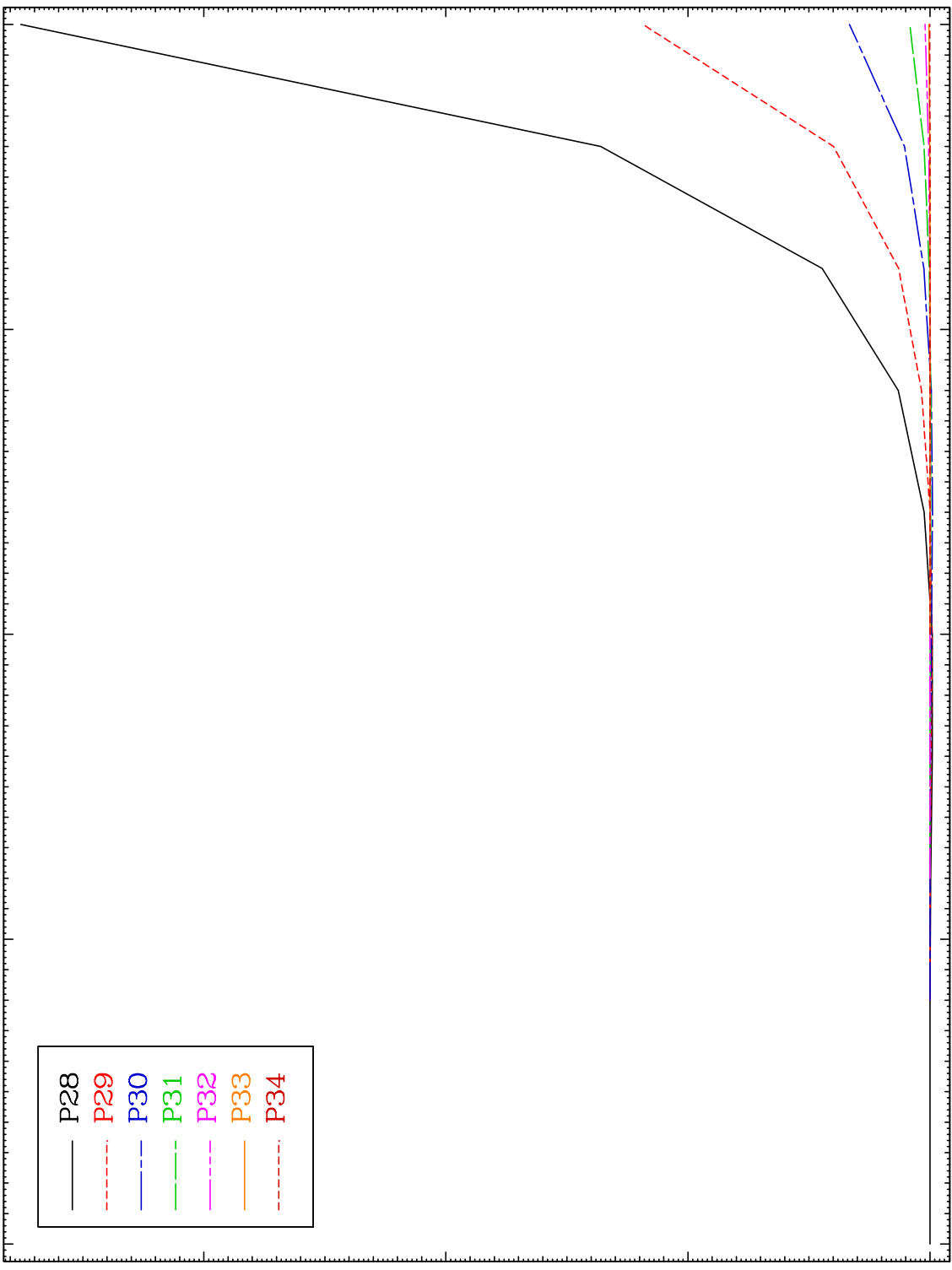
Elastic
Legendre Coefficients

81-Tl-184



$\times 10^{-6}$

Legendre (CM)



10 15 20 25 30

21

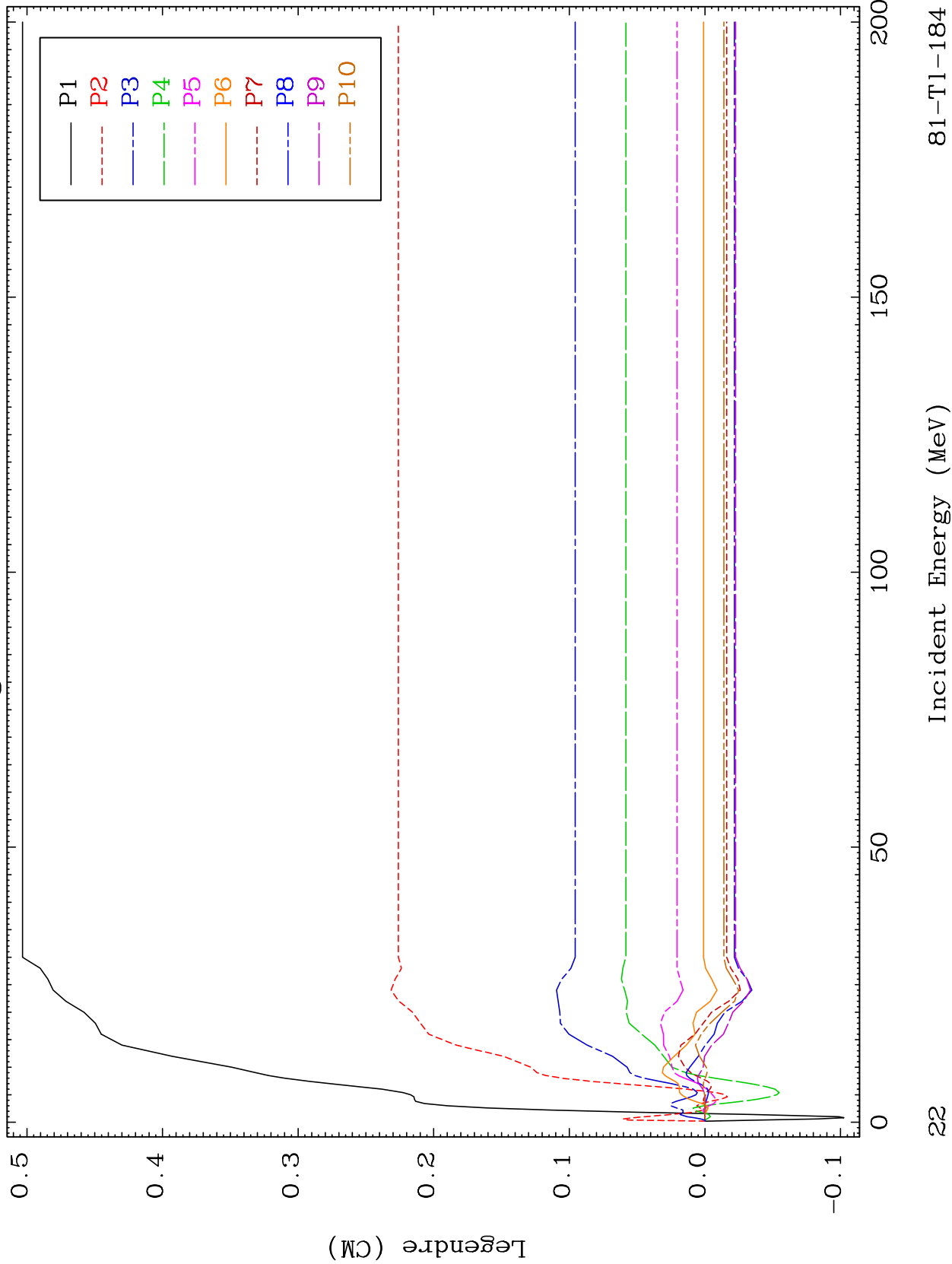
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

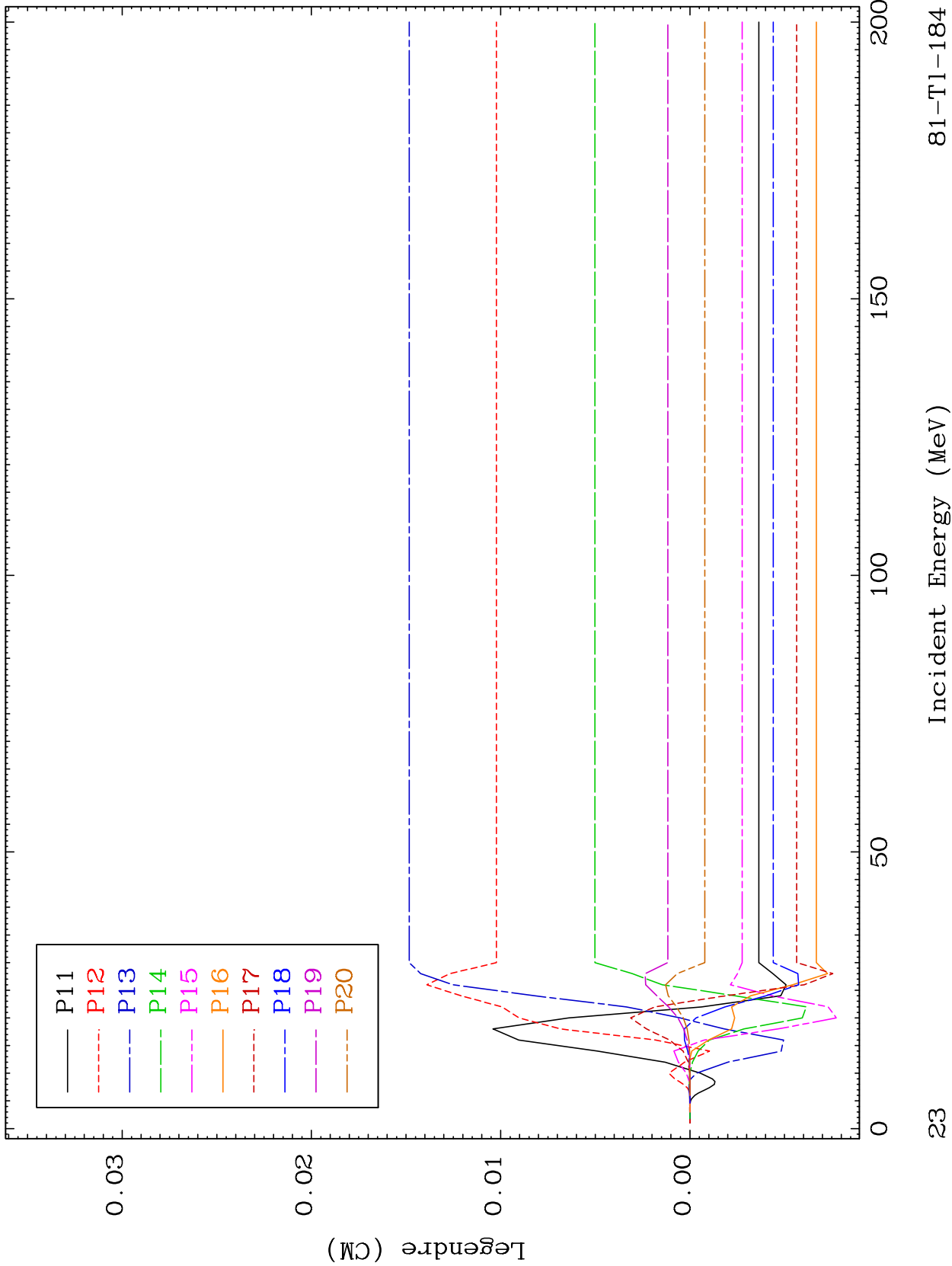
81-Tl-184



22

Incident Energy (MeV)

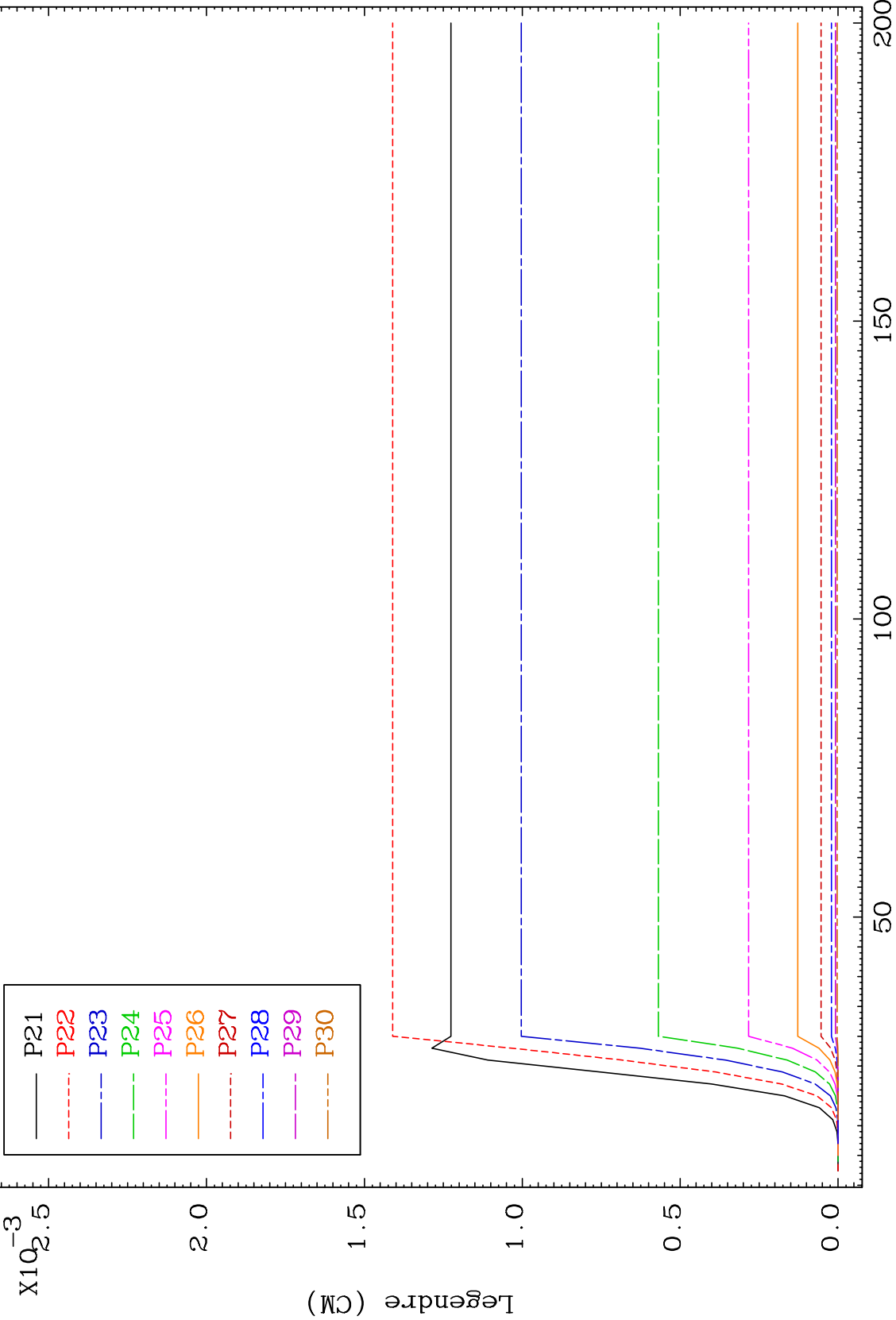
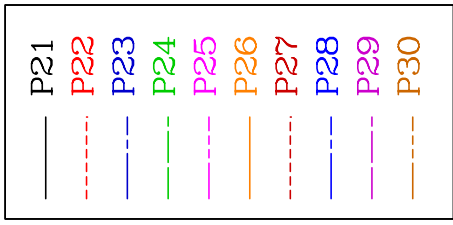
81-Tl-184



MAT 8068

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

81-Tl-184



24

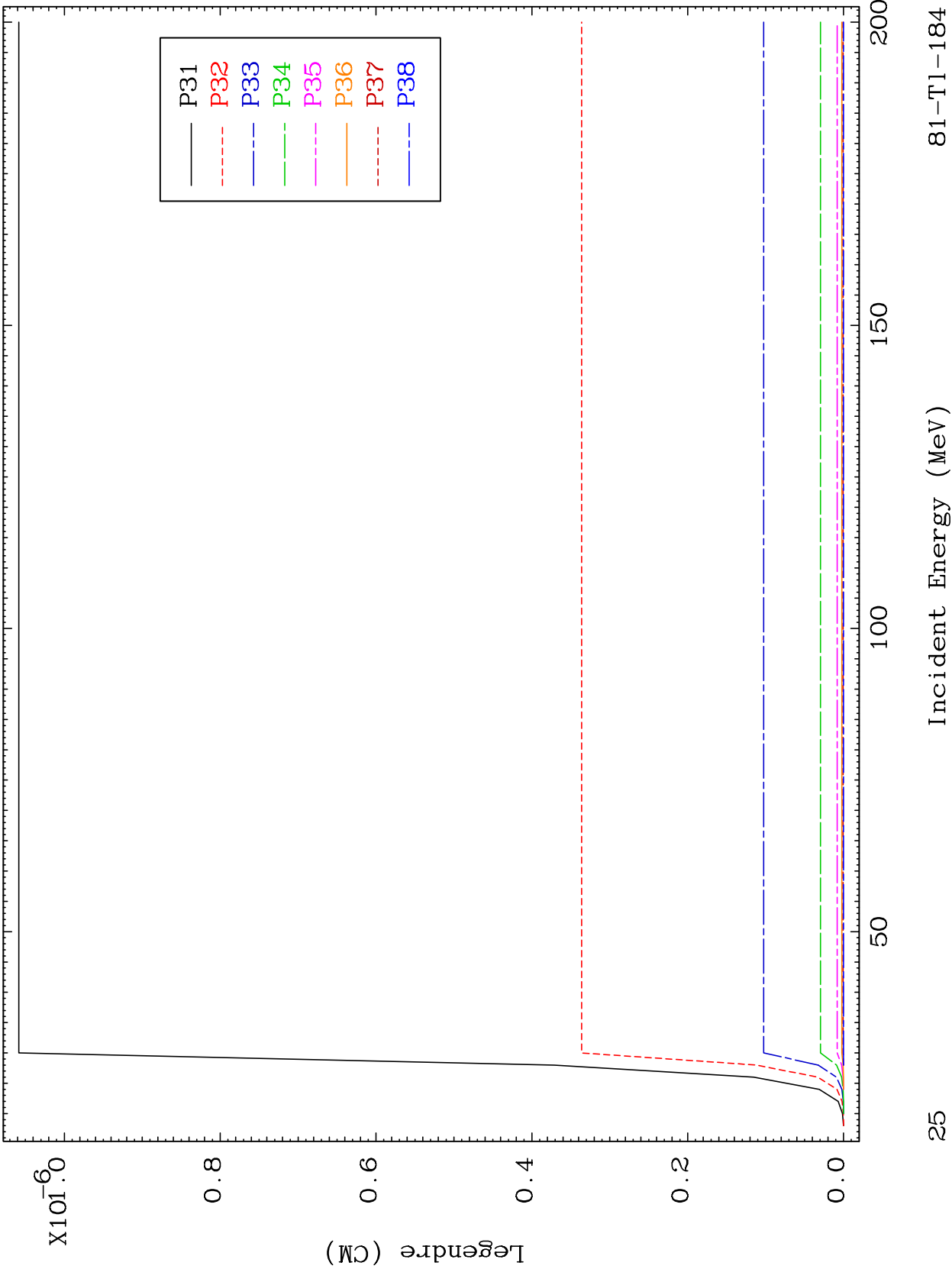
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

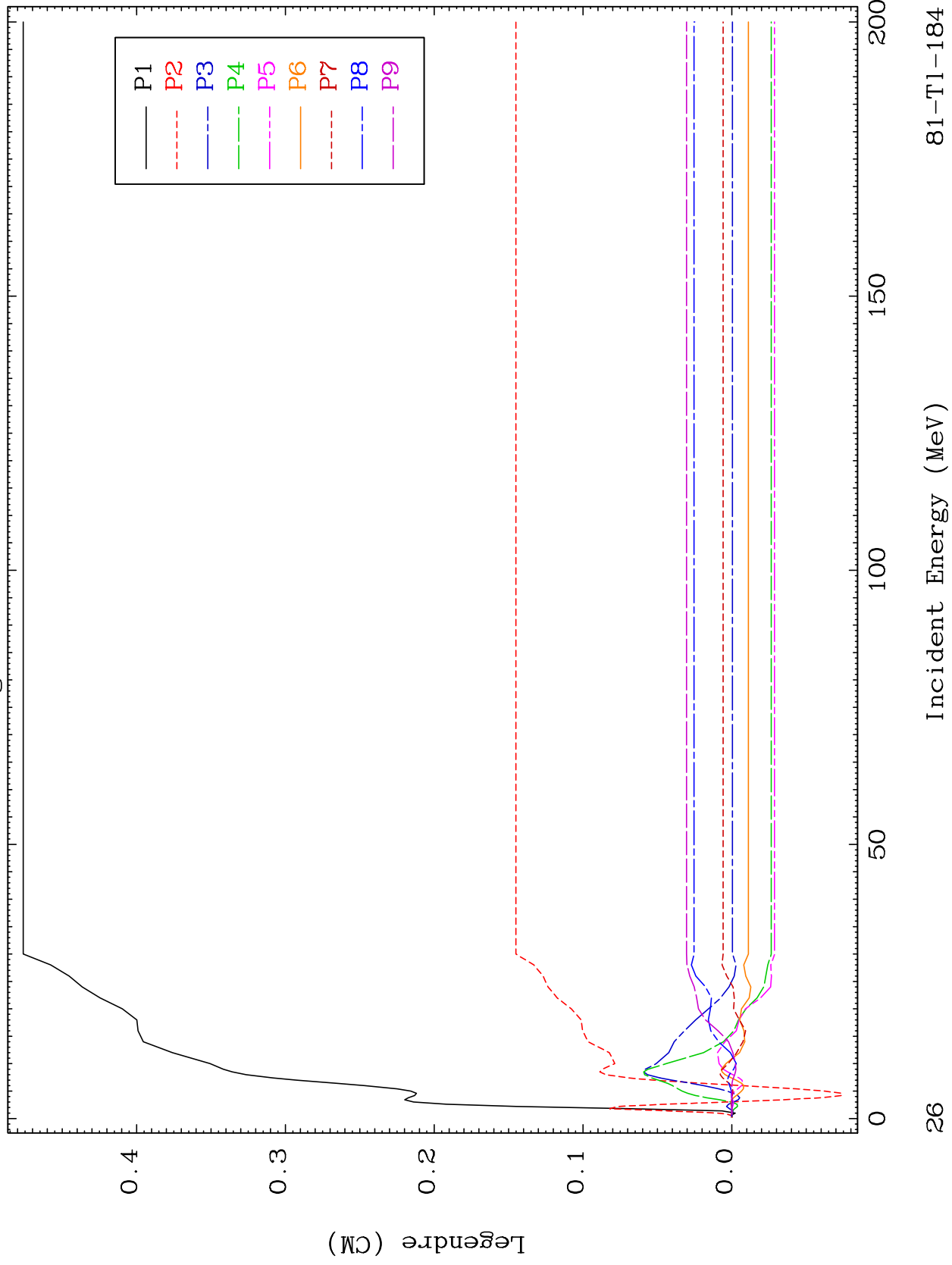
81-Tl-184



MAT 8068

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

81-Tl-184



81-Tl-184

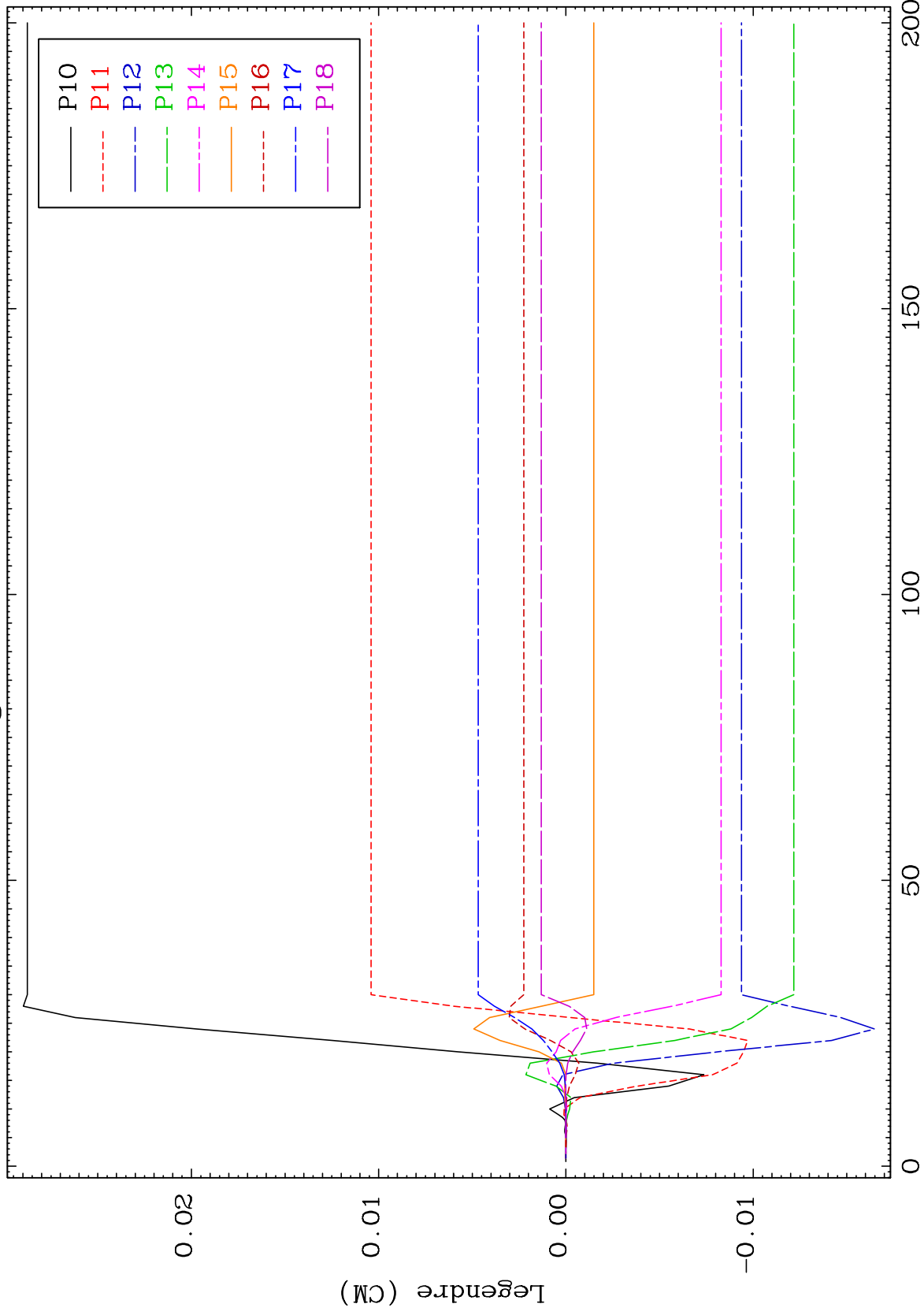
Incident Energy (MeV)

26

MAT 8068

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

81-Tl-184



27

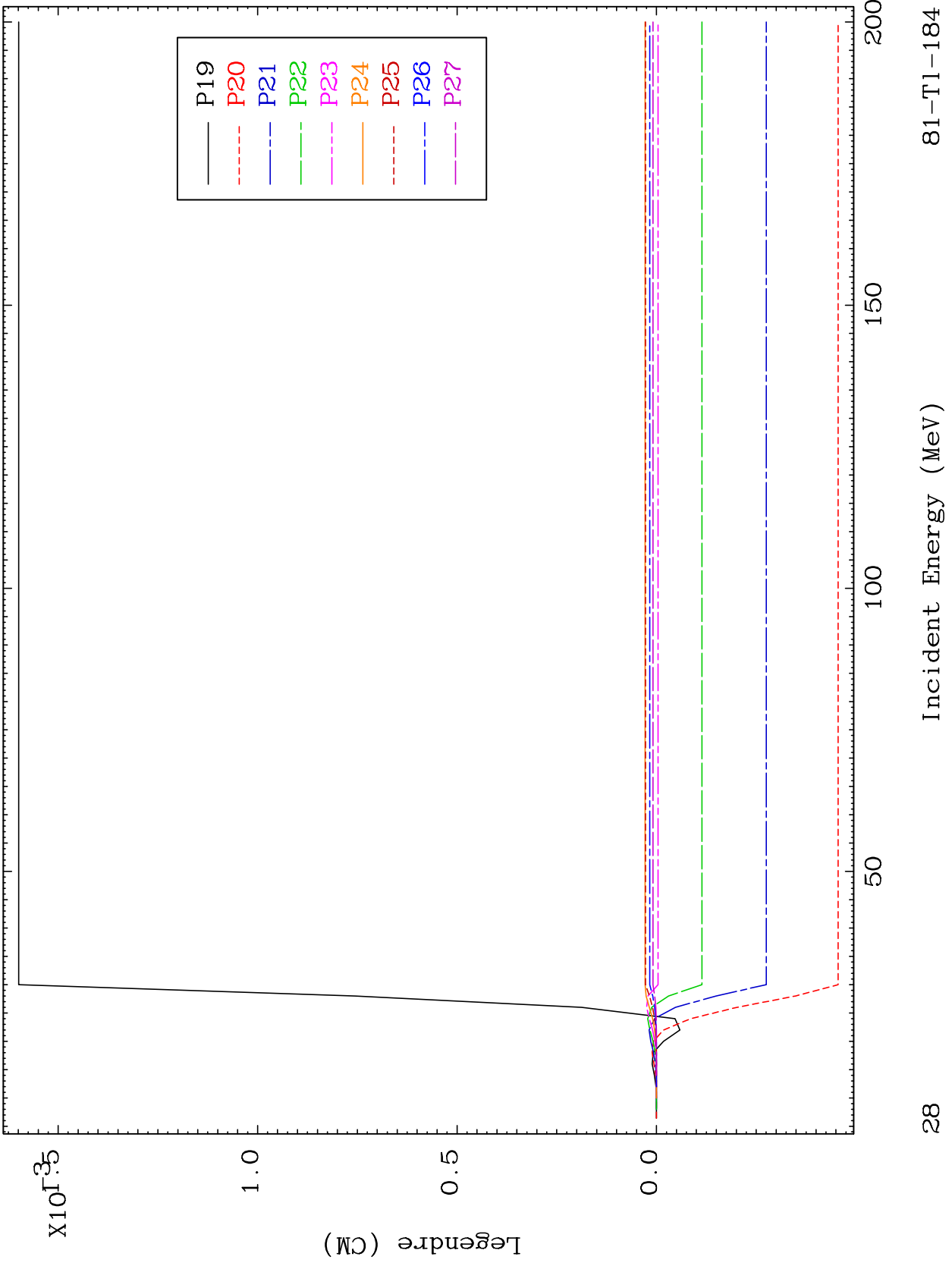
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

81-Tl-184



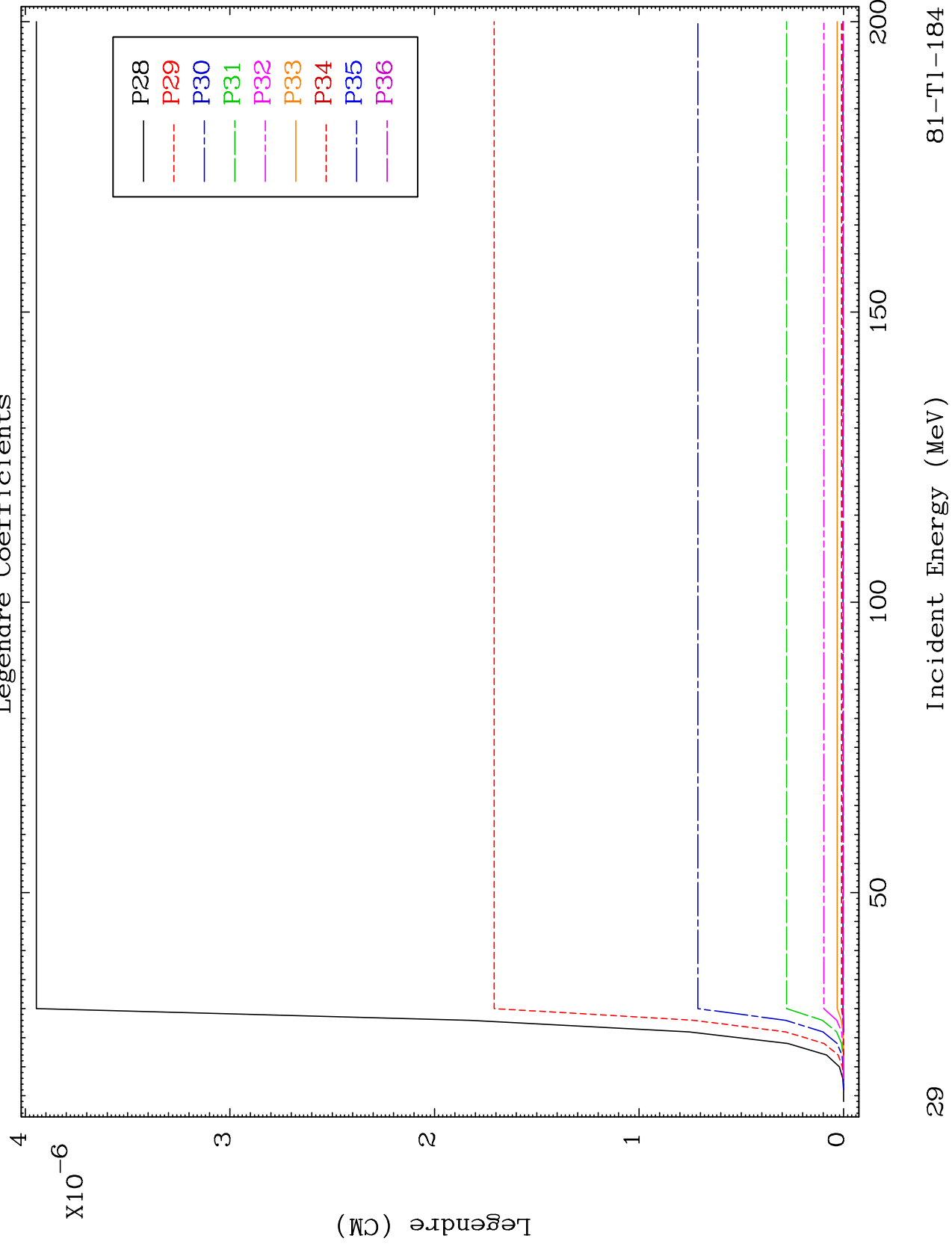
28

81-Tl-184

MAT 8068

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

81-Tl-184



29

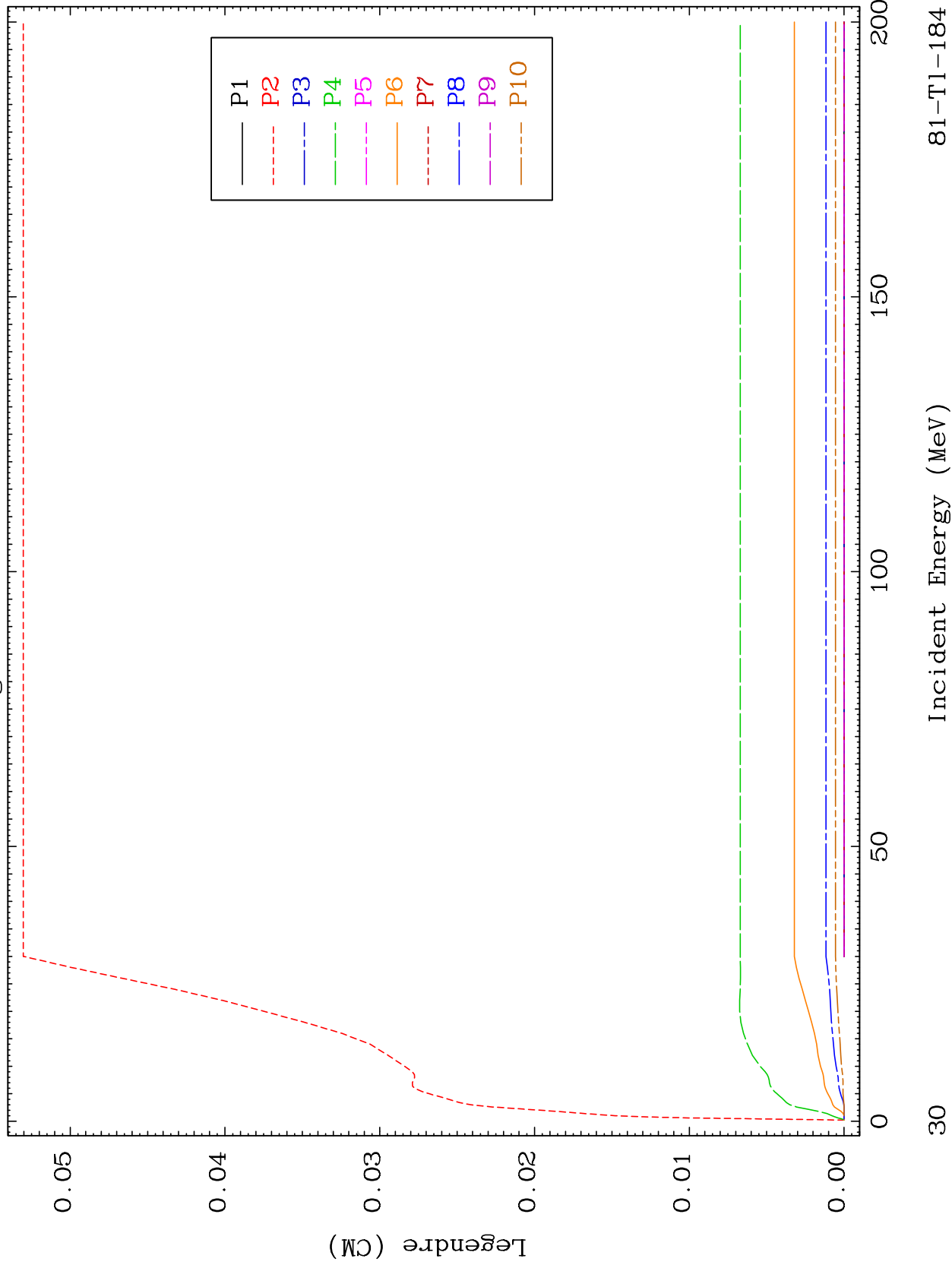
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

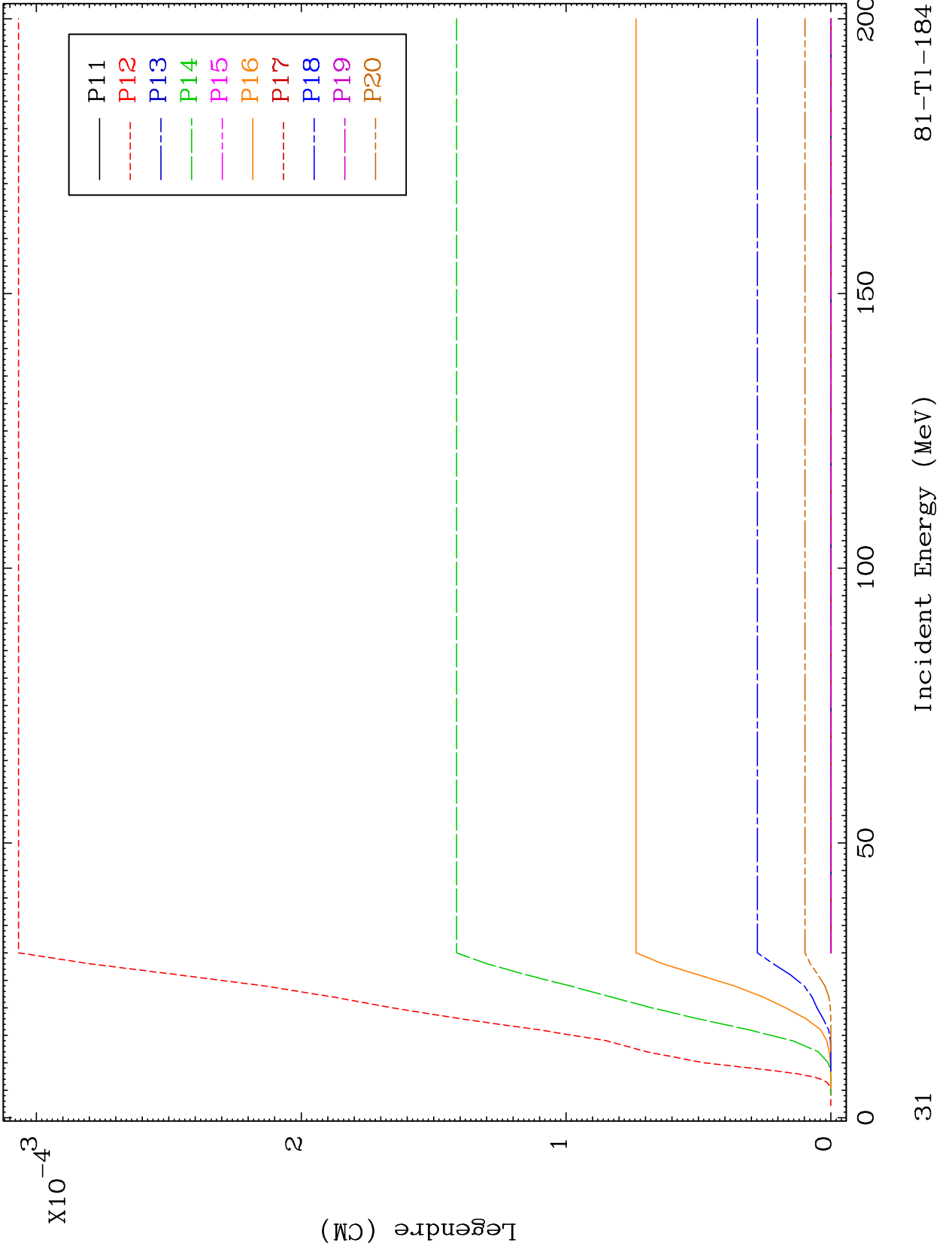
81-Tl-184



MAT 8068

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

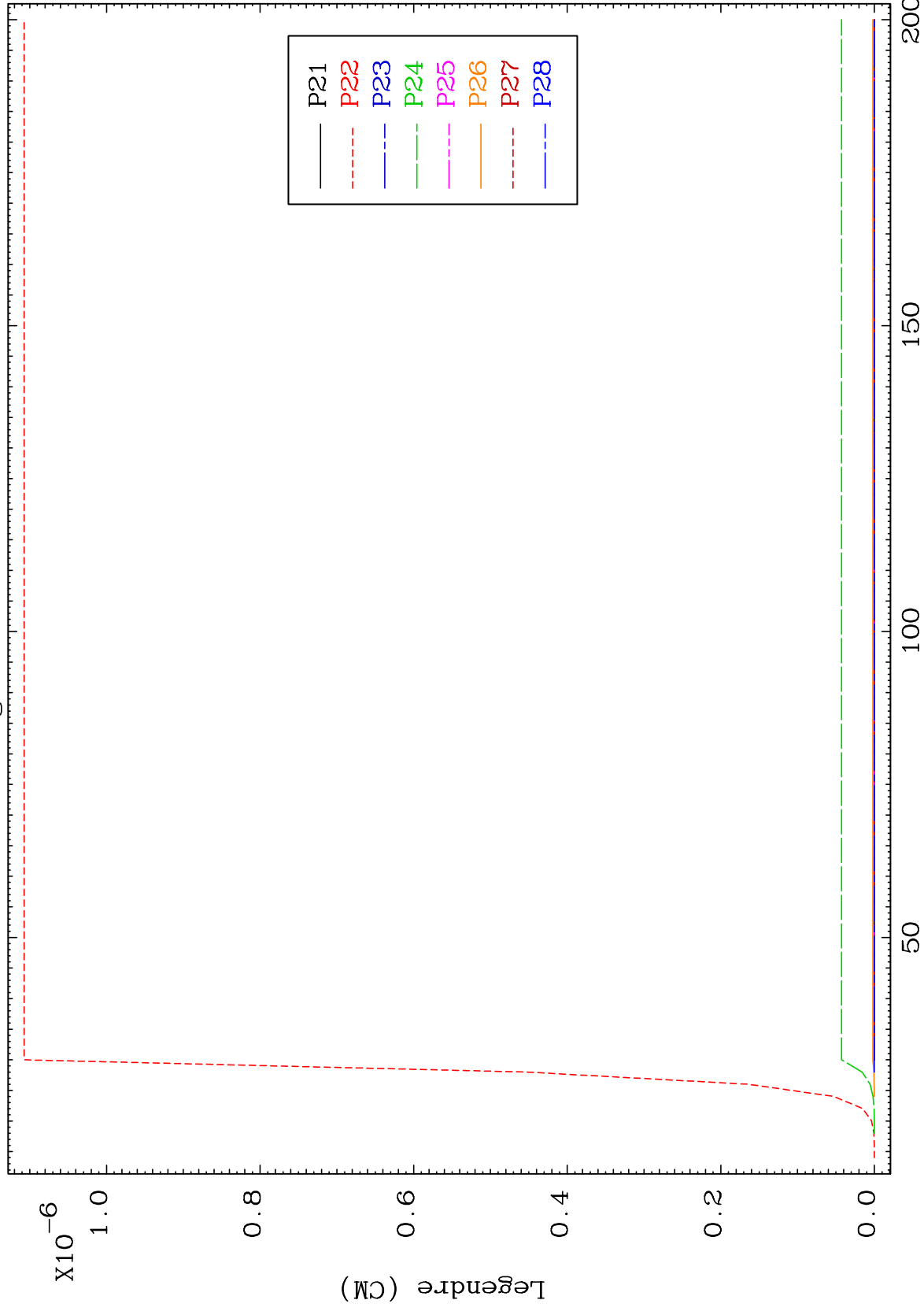
81-Tl-184



MAT 8068

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

81-Tl-184



32

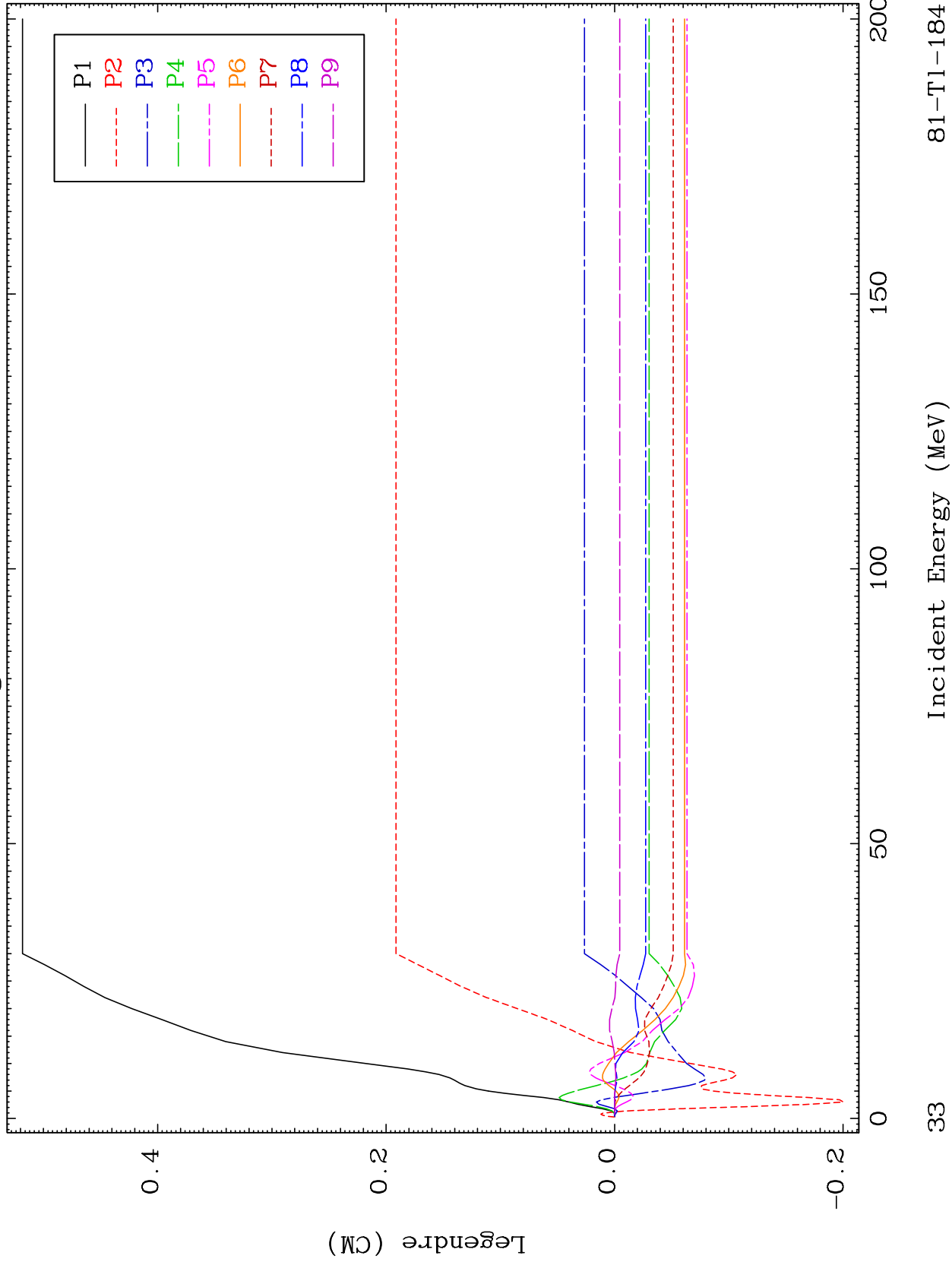
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

81-Tl-184



81-Tl-184

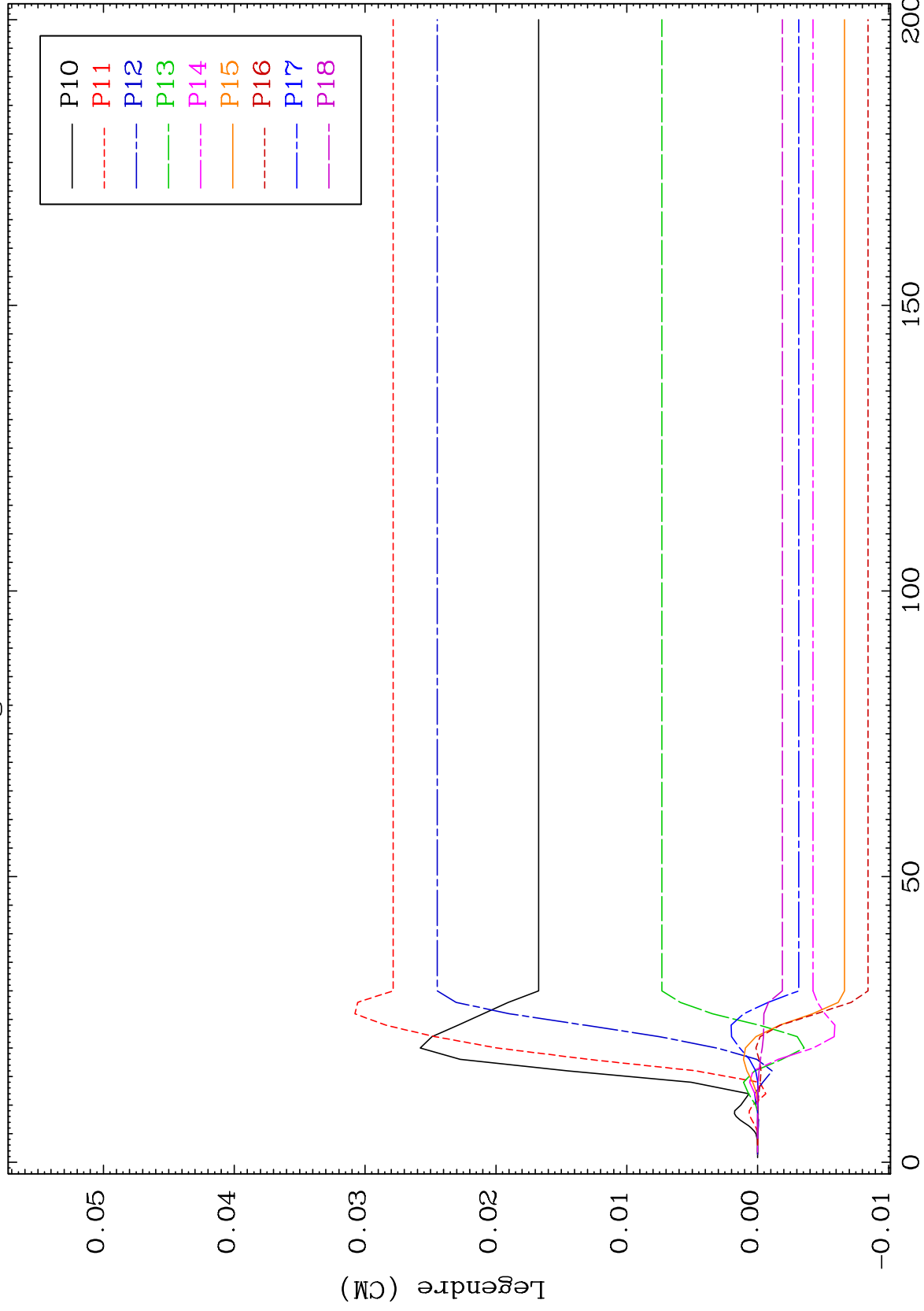
Incident Energy (MeV)

33

MAT 8068

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

81-Tl-184



34

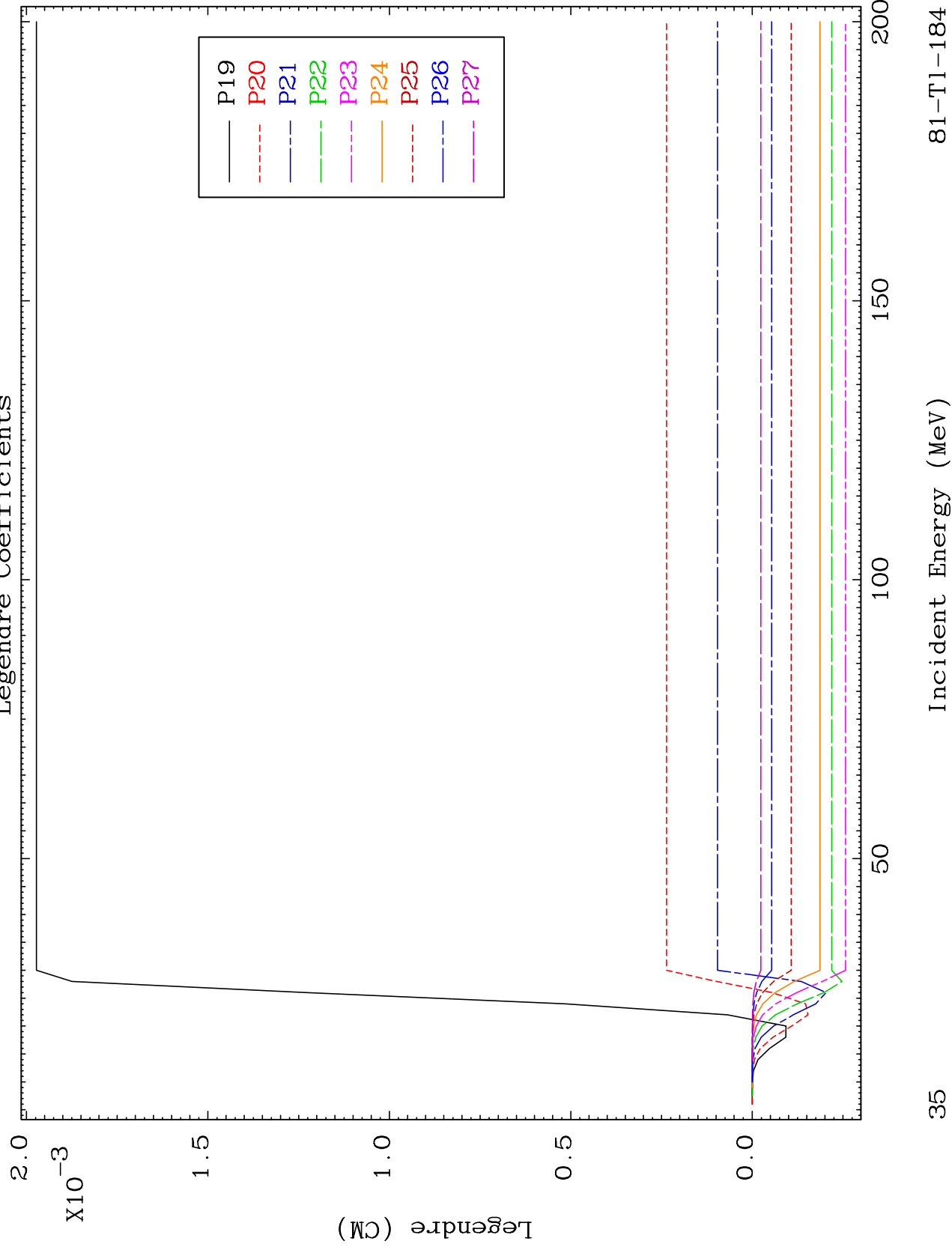
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

81-Tl-184



35

Incident Energy (MeV)

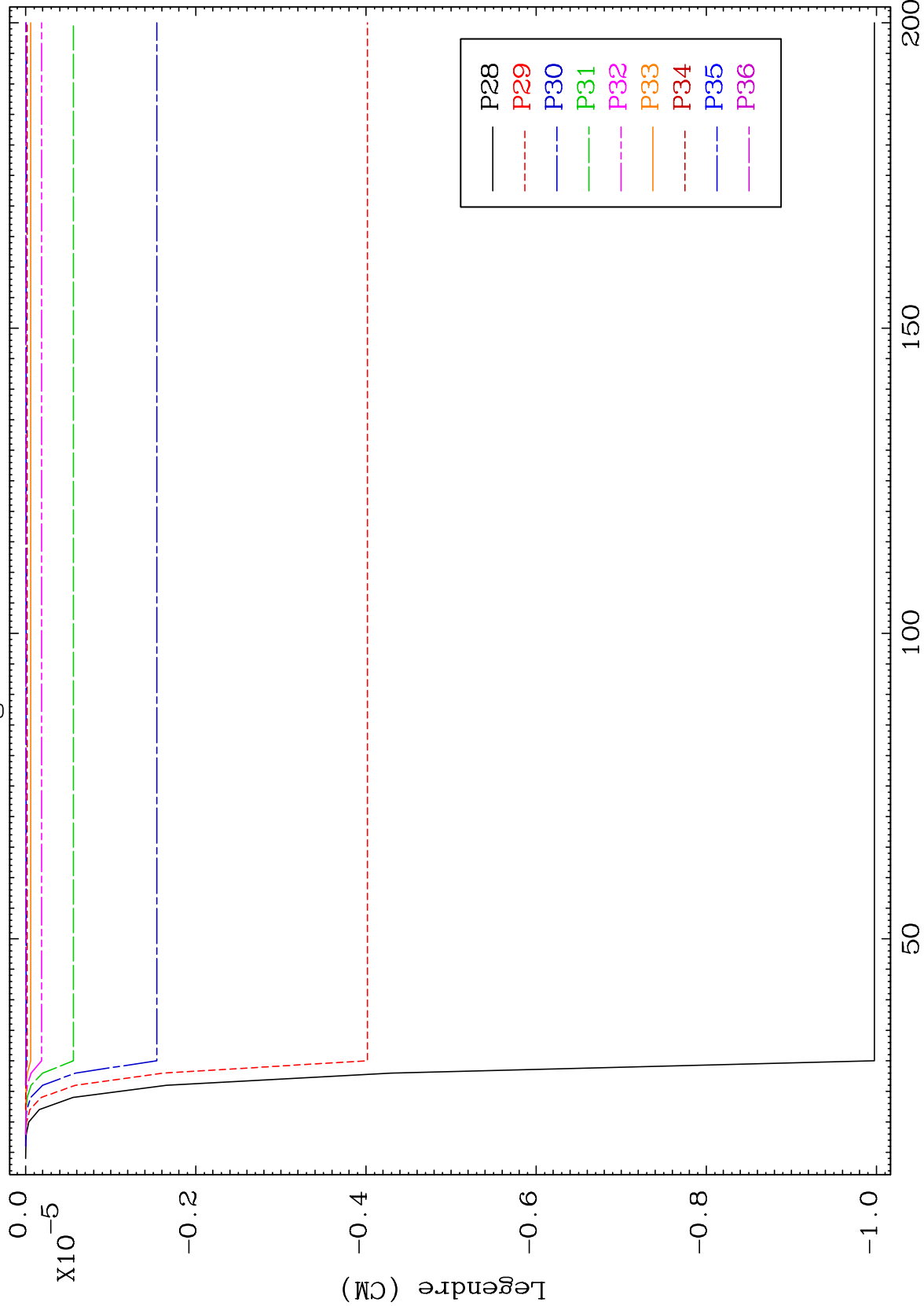
81-Tl-184

MAT 8068

MT= 54 (n,n') Level

81-Tl-184

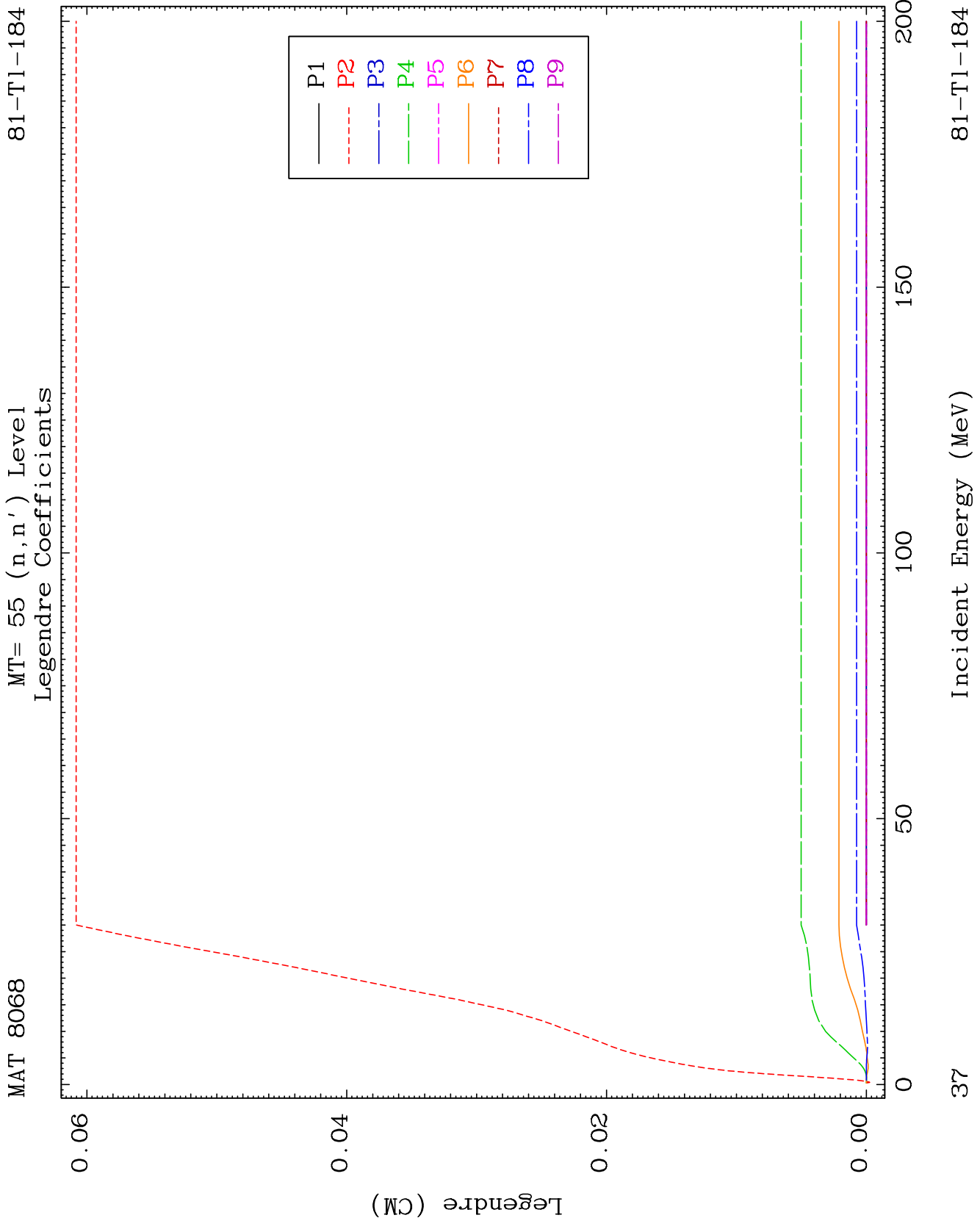
Legendre Coefficients



36

Incident Energy (MeV)

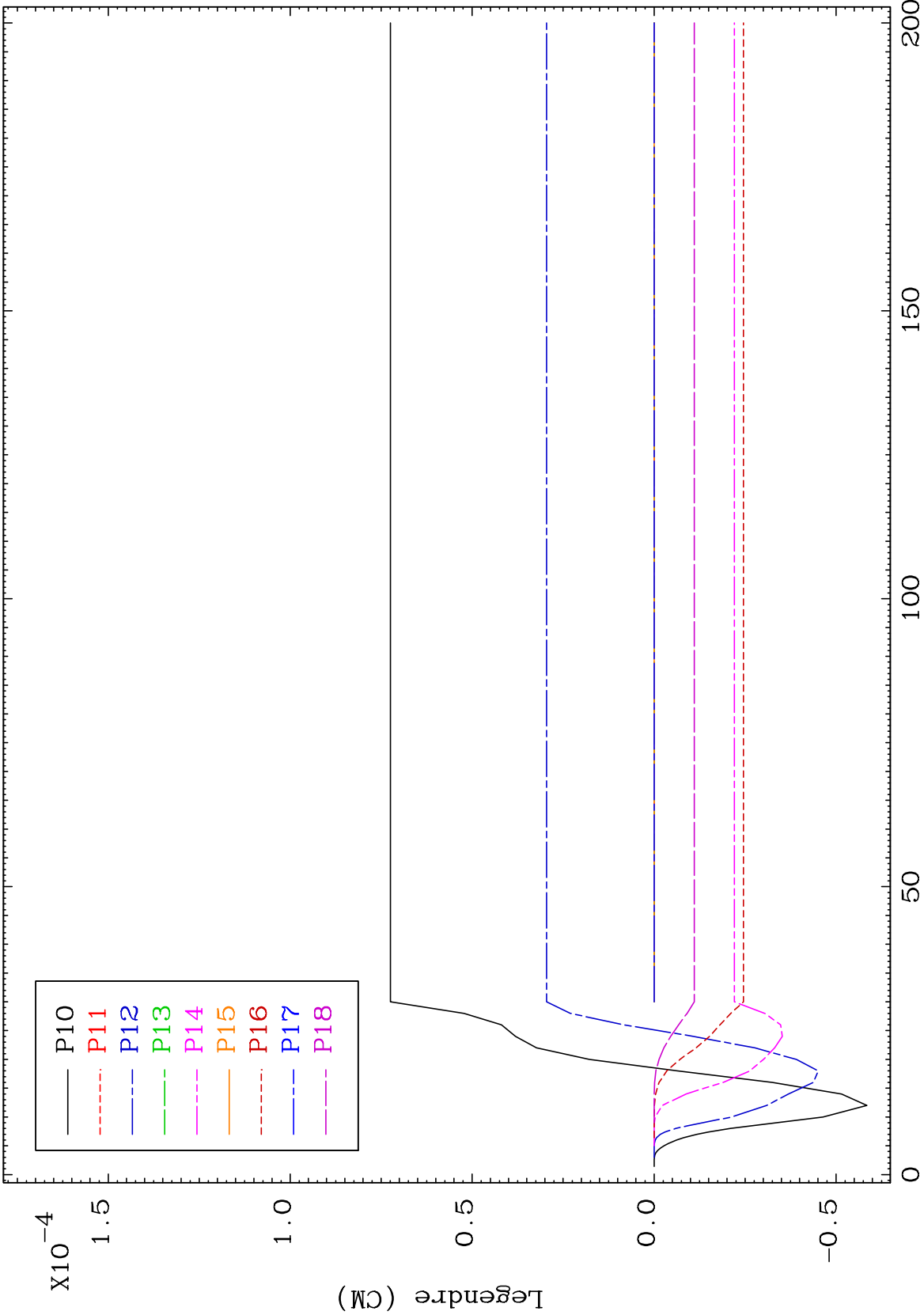
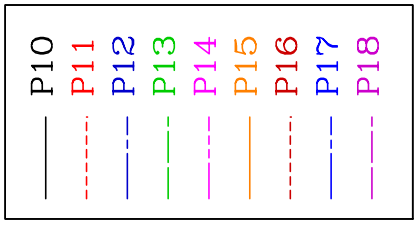
81-Tl-184



MAT 8068

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

81-Tl-184



38

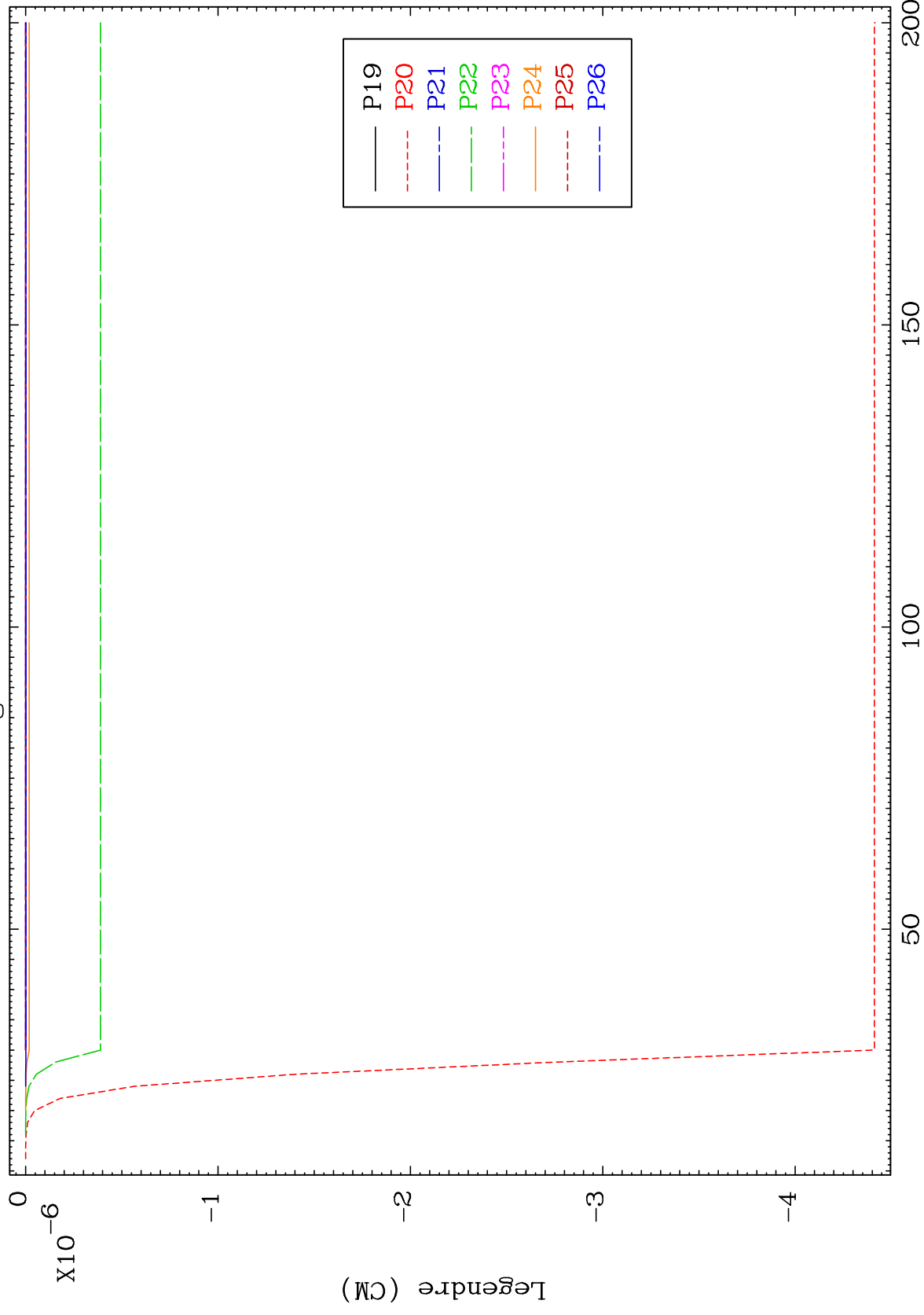
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

81-Tl-184



39

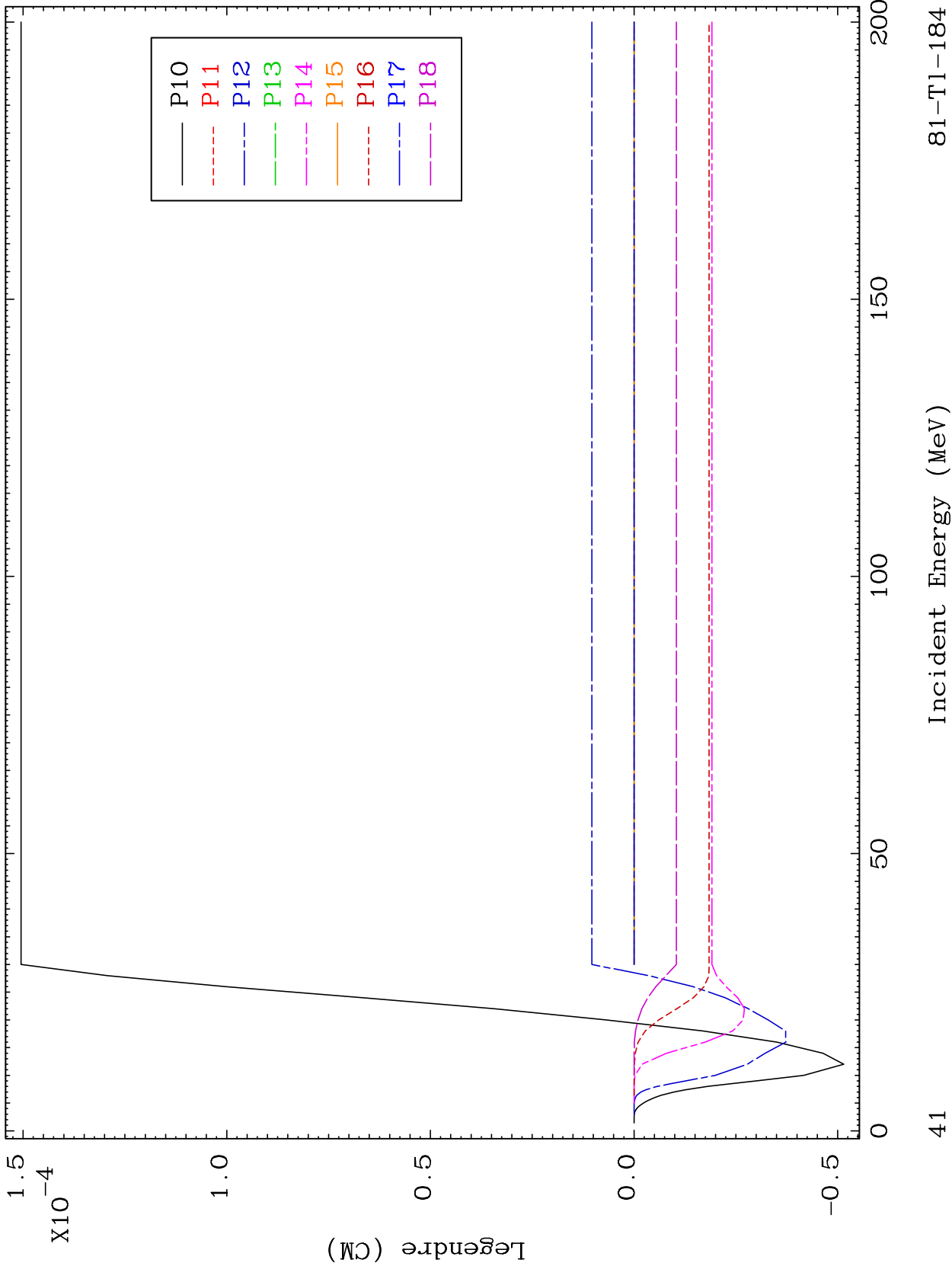
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

81-Tl-184



41

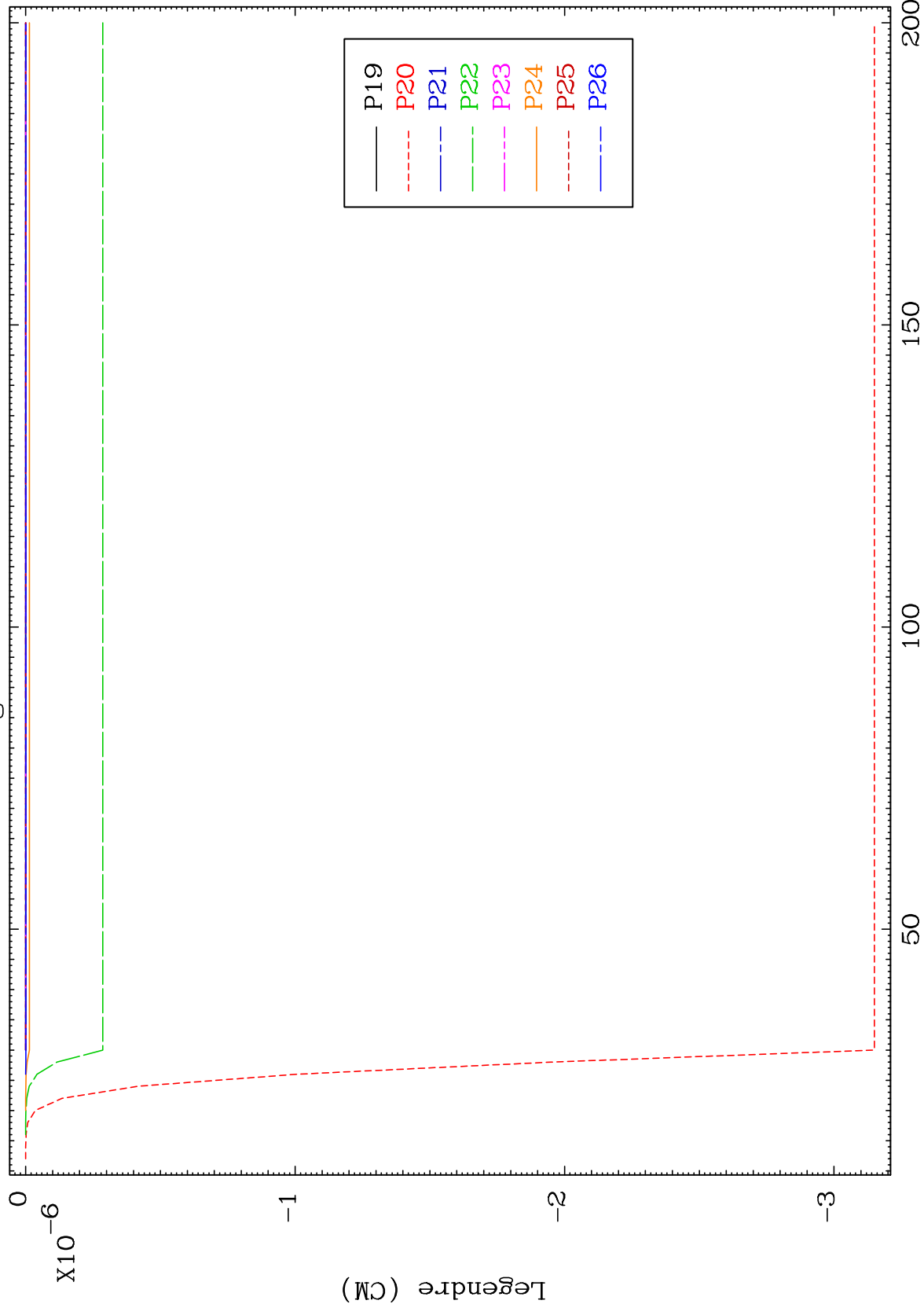
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

81-T1-184



42

Incident Energy (MeV)

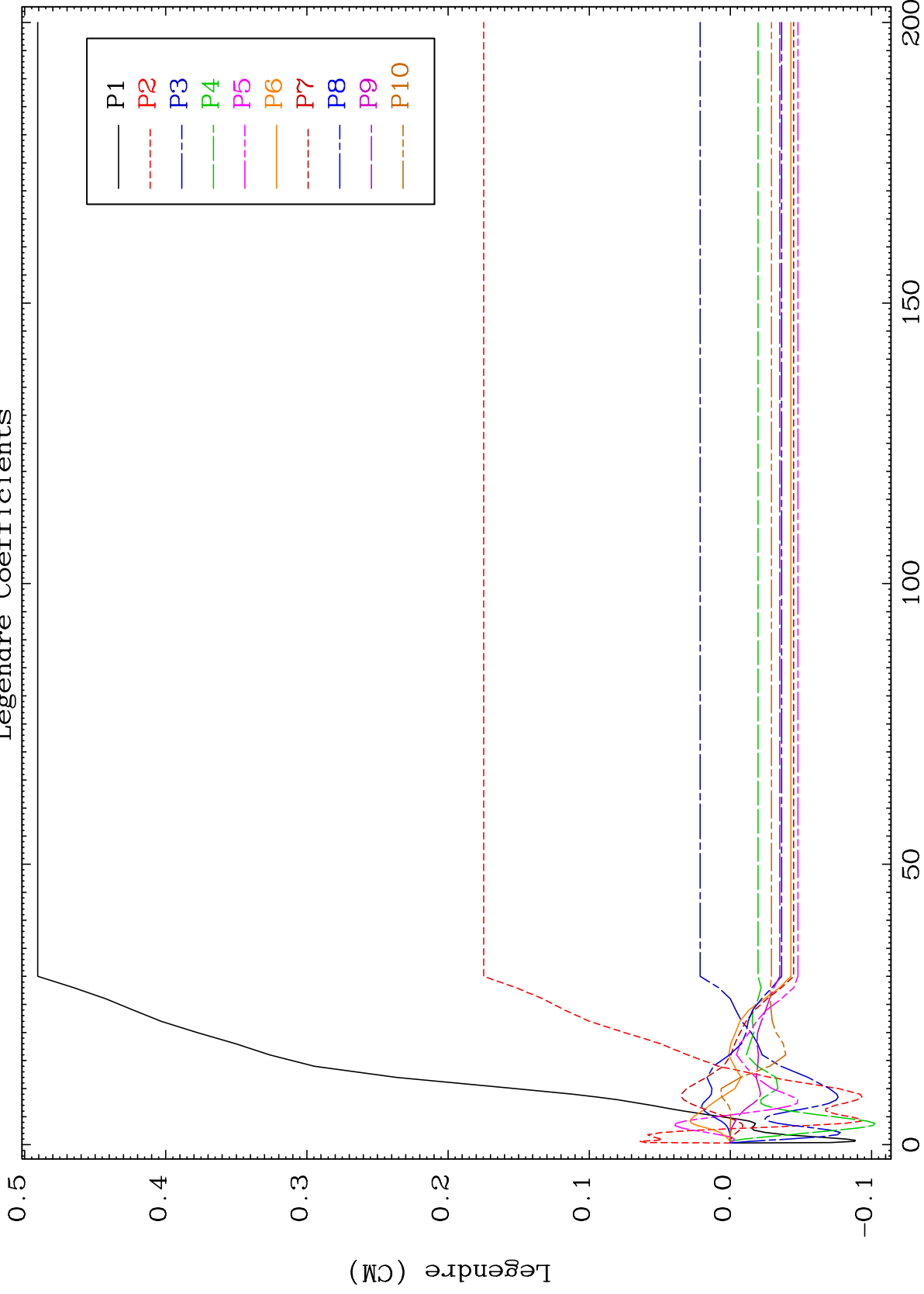
81-T1-184

MAT 8068

MT= 57 (n,n') Level

81-Tl-184

Legendre Coefficients



43

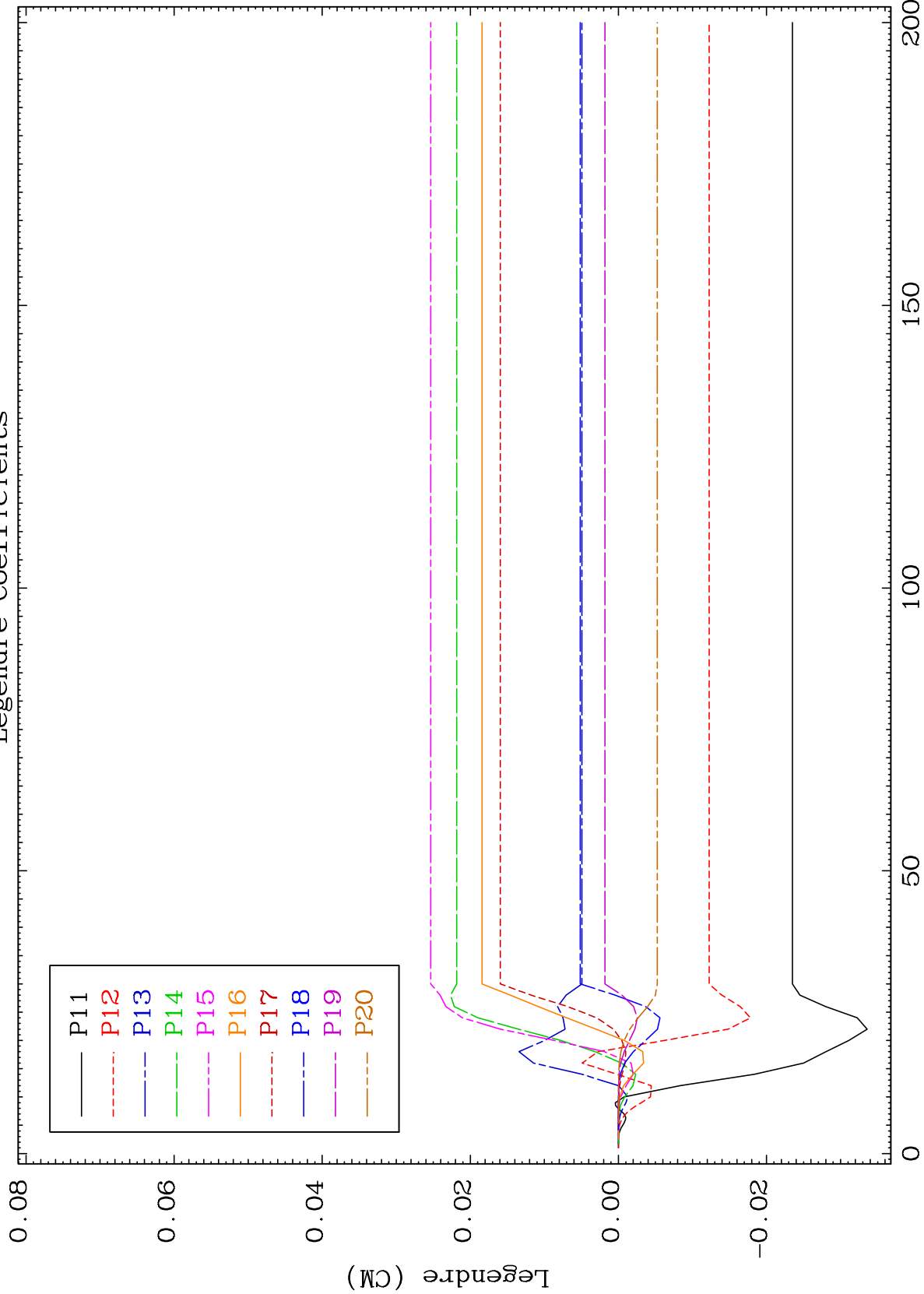
81-Tl-184

81-Tl-184

MAT 8068

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

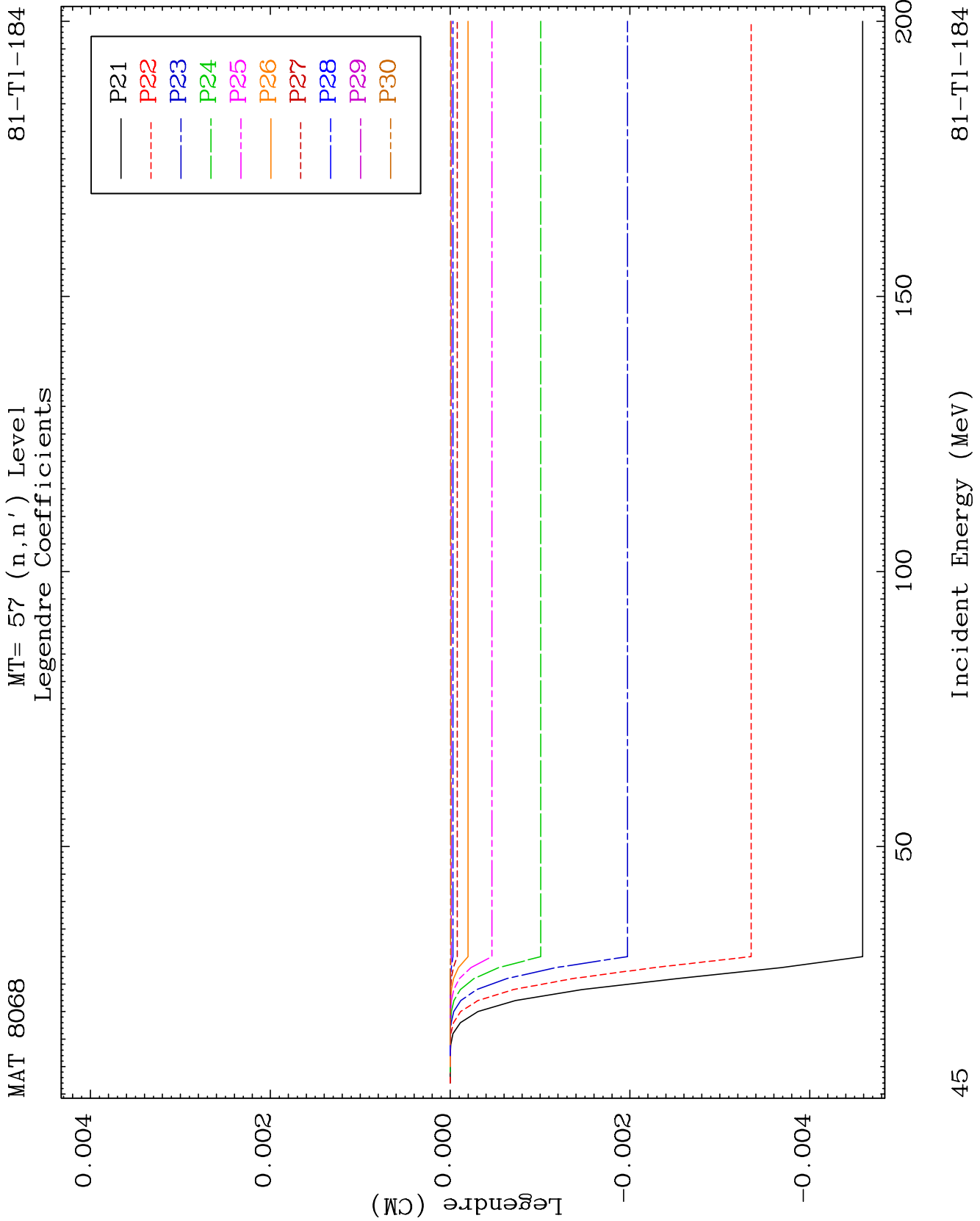
81-Tl-184

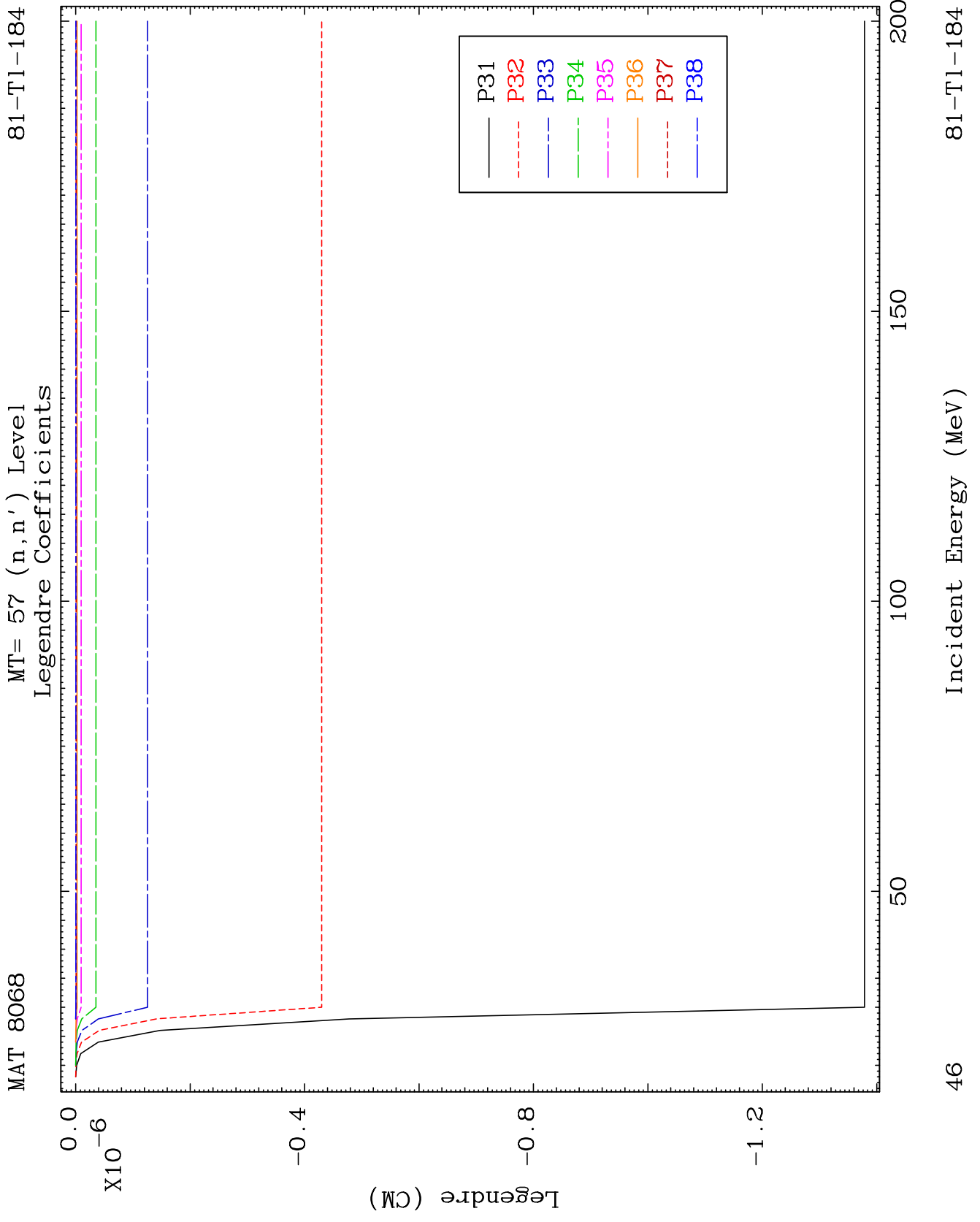


44

Incident Energy (MeV)

81-Tl-184

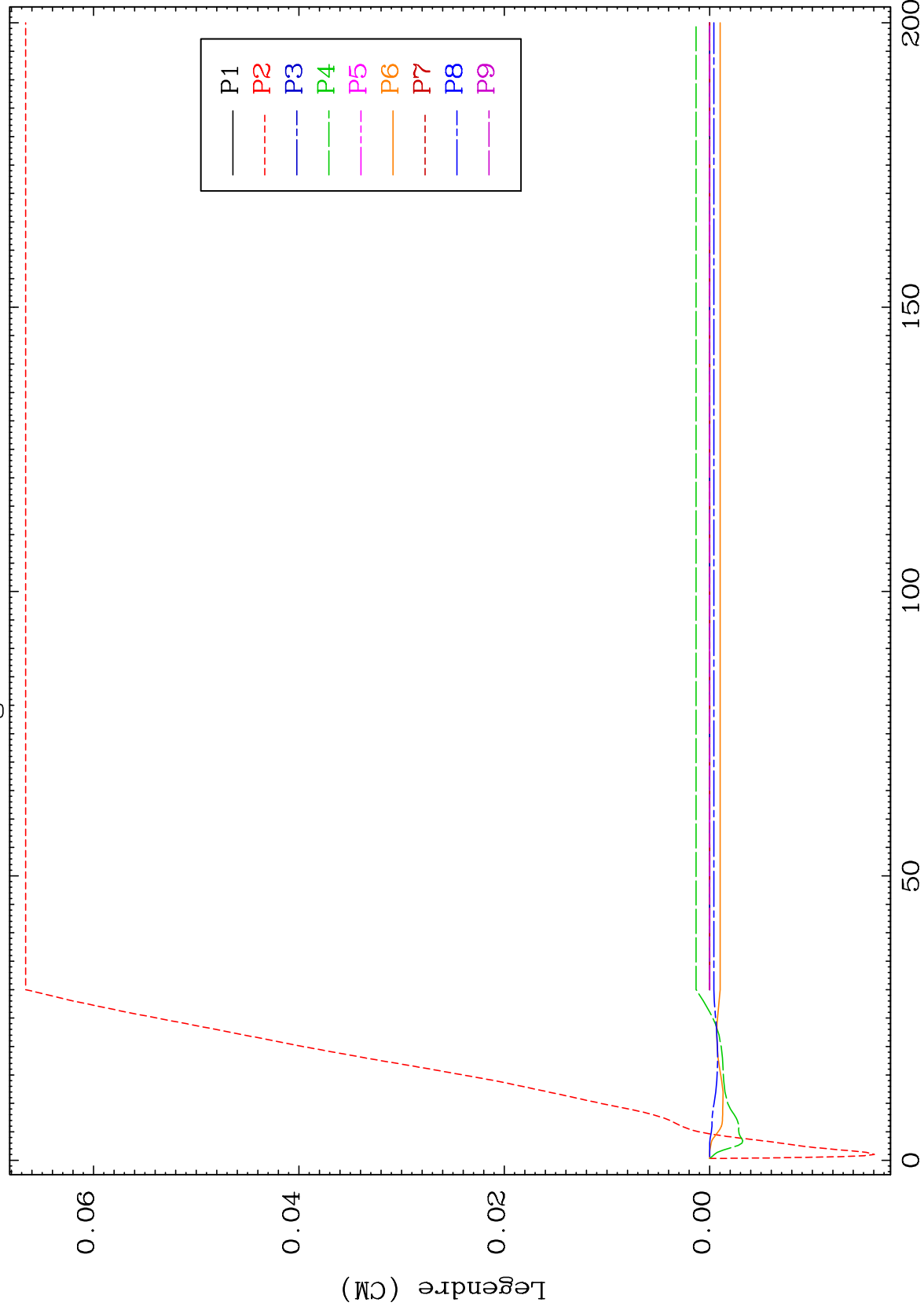




MAT 8068

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

81-Tl-184



47

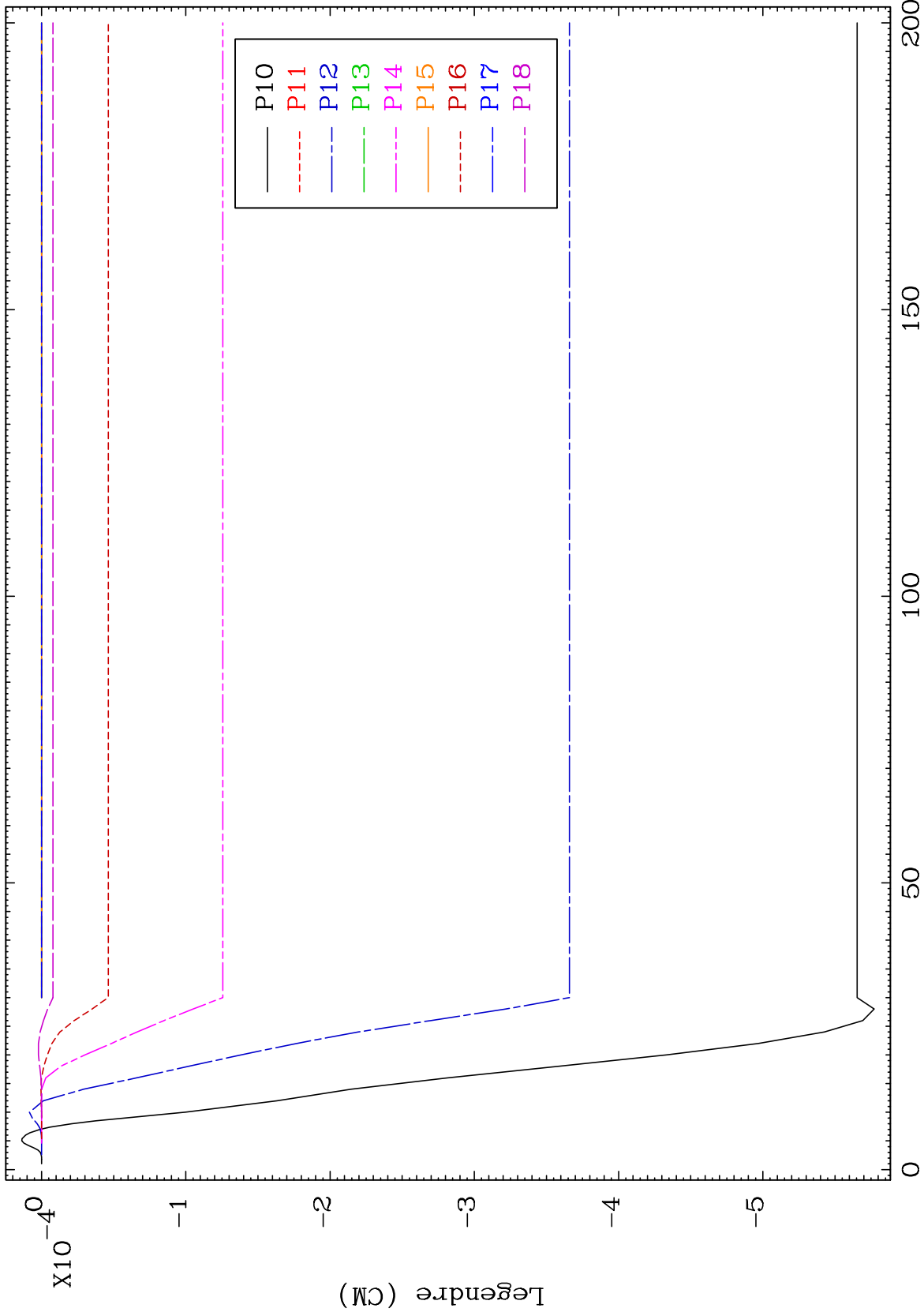
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

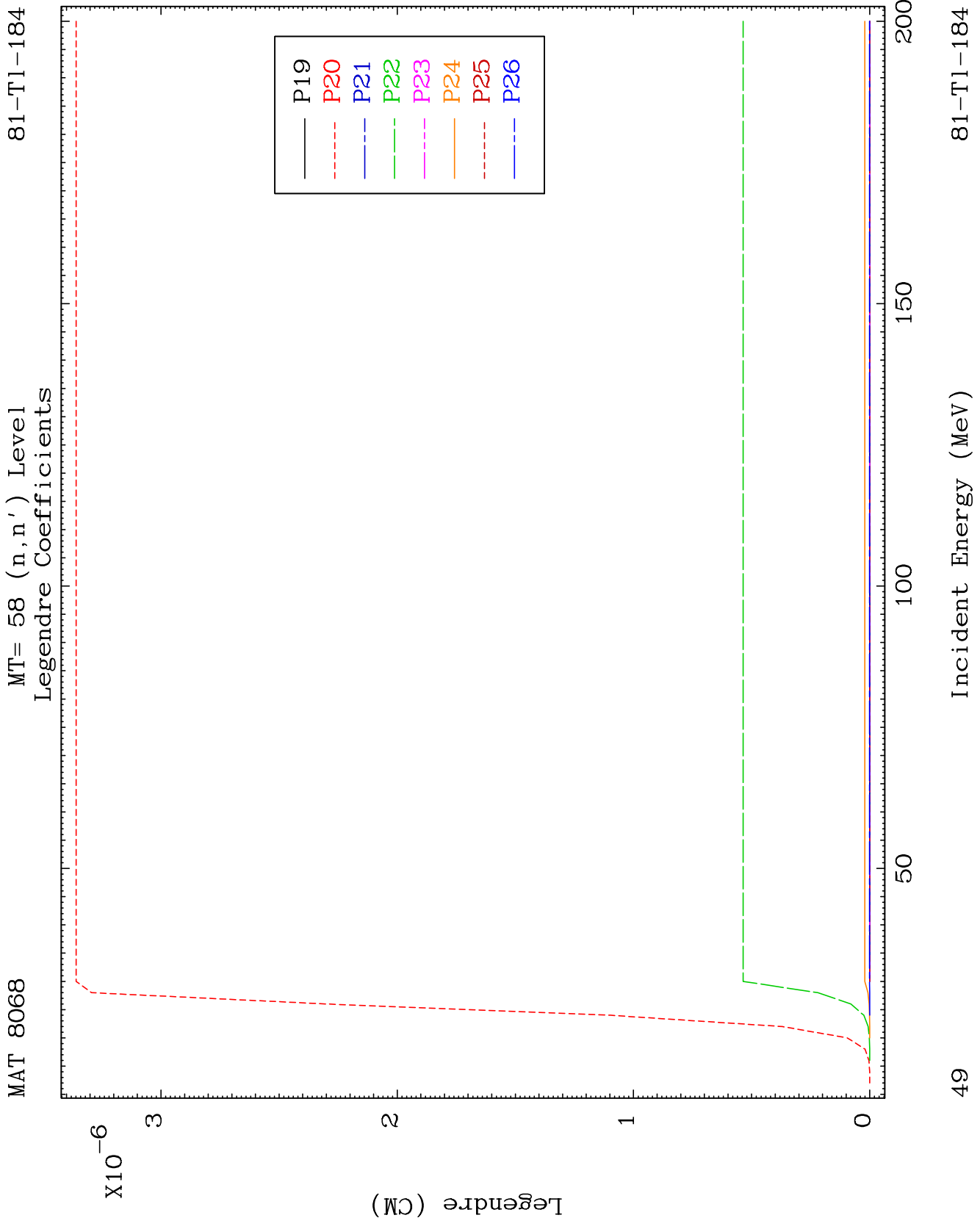
81-Tl-184

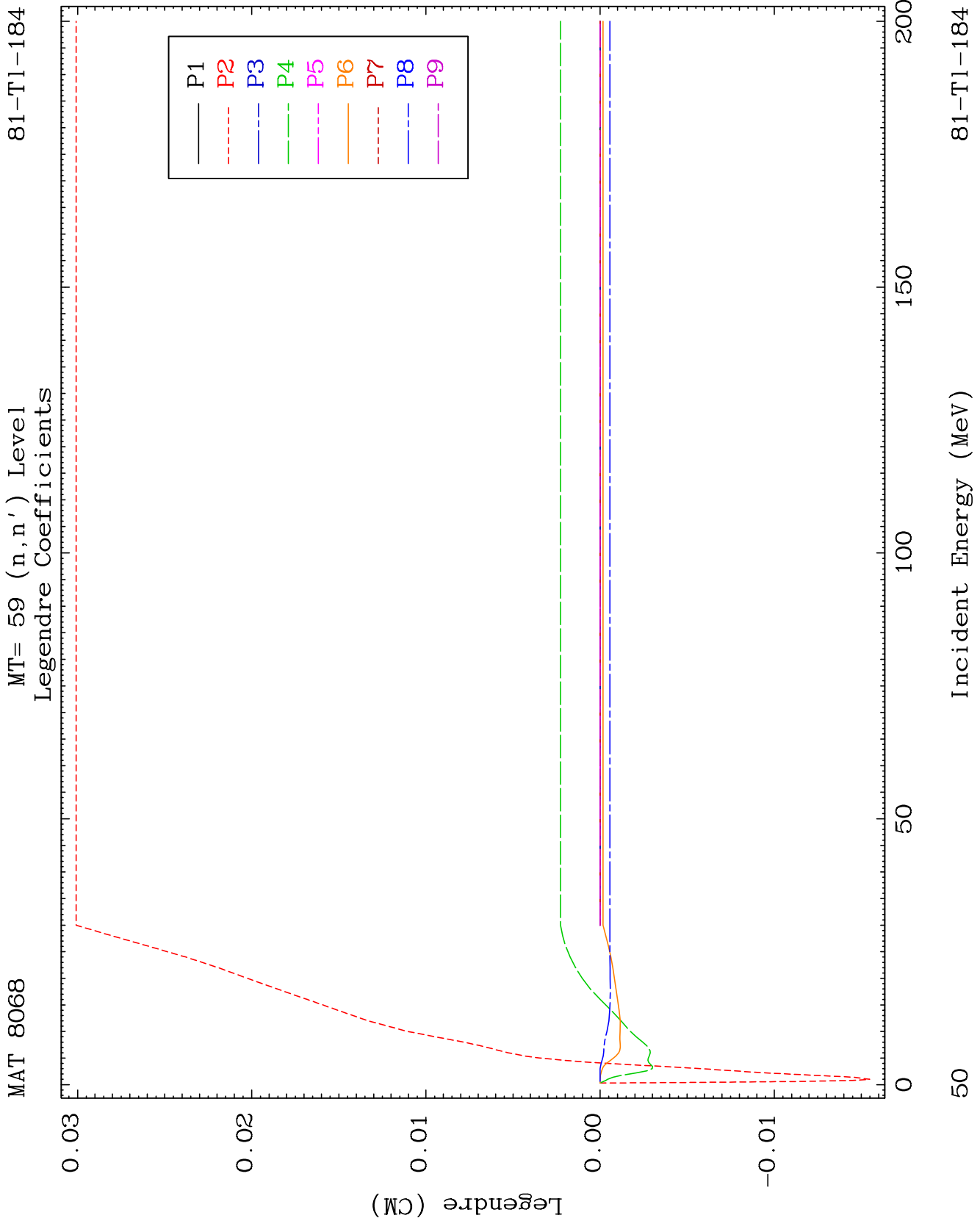


48

Incident Energy (MeV)

81-Tl-184

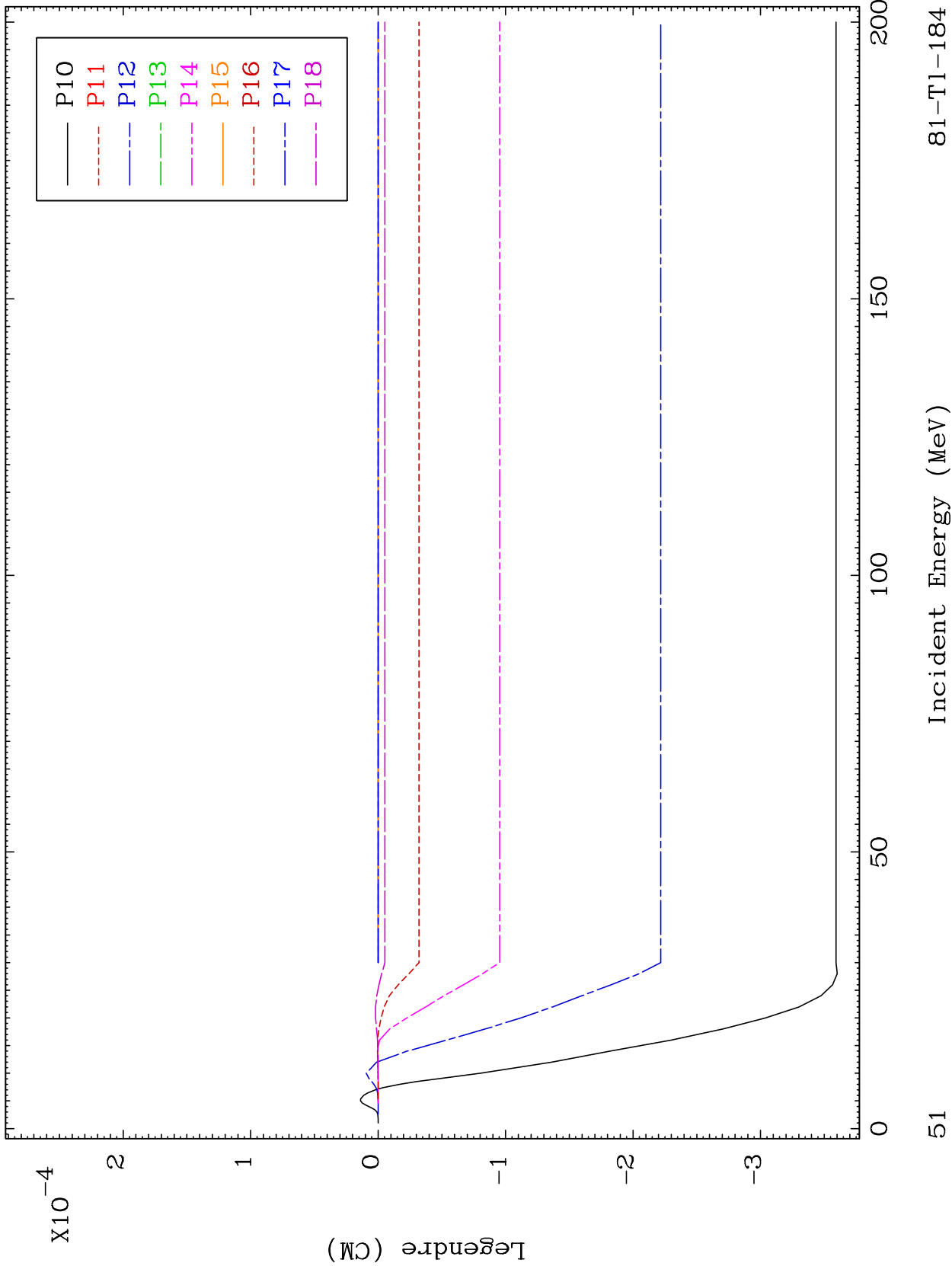




MAT 8068

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

81-Tl-184



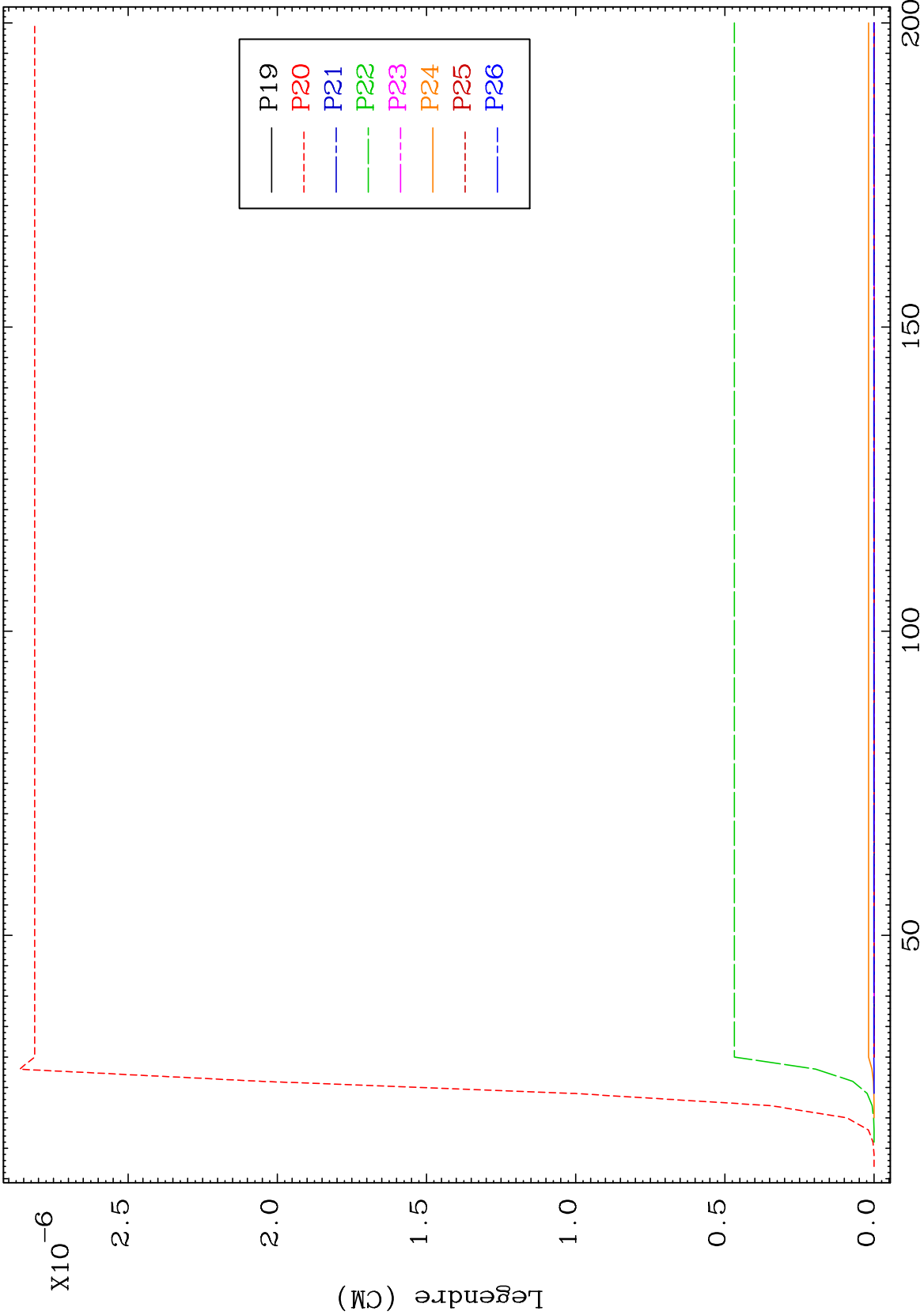
51

81-Tl-184

MAT 8068

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

81-Tl-184



52

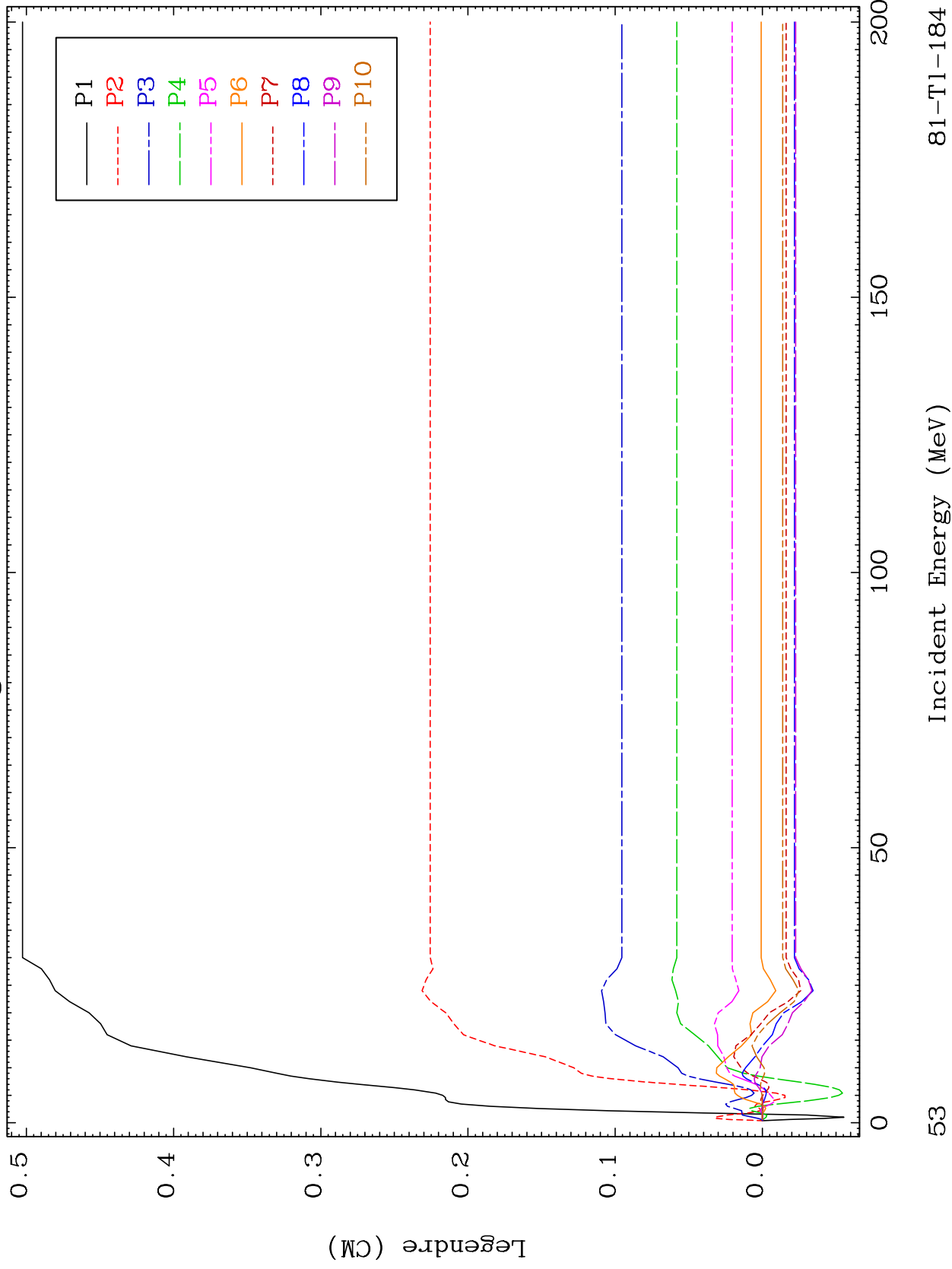
Incident Energy (MeV)

81-Tl-184

MAT 8068

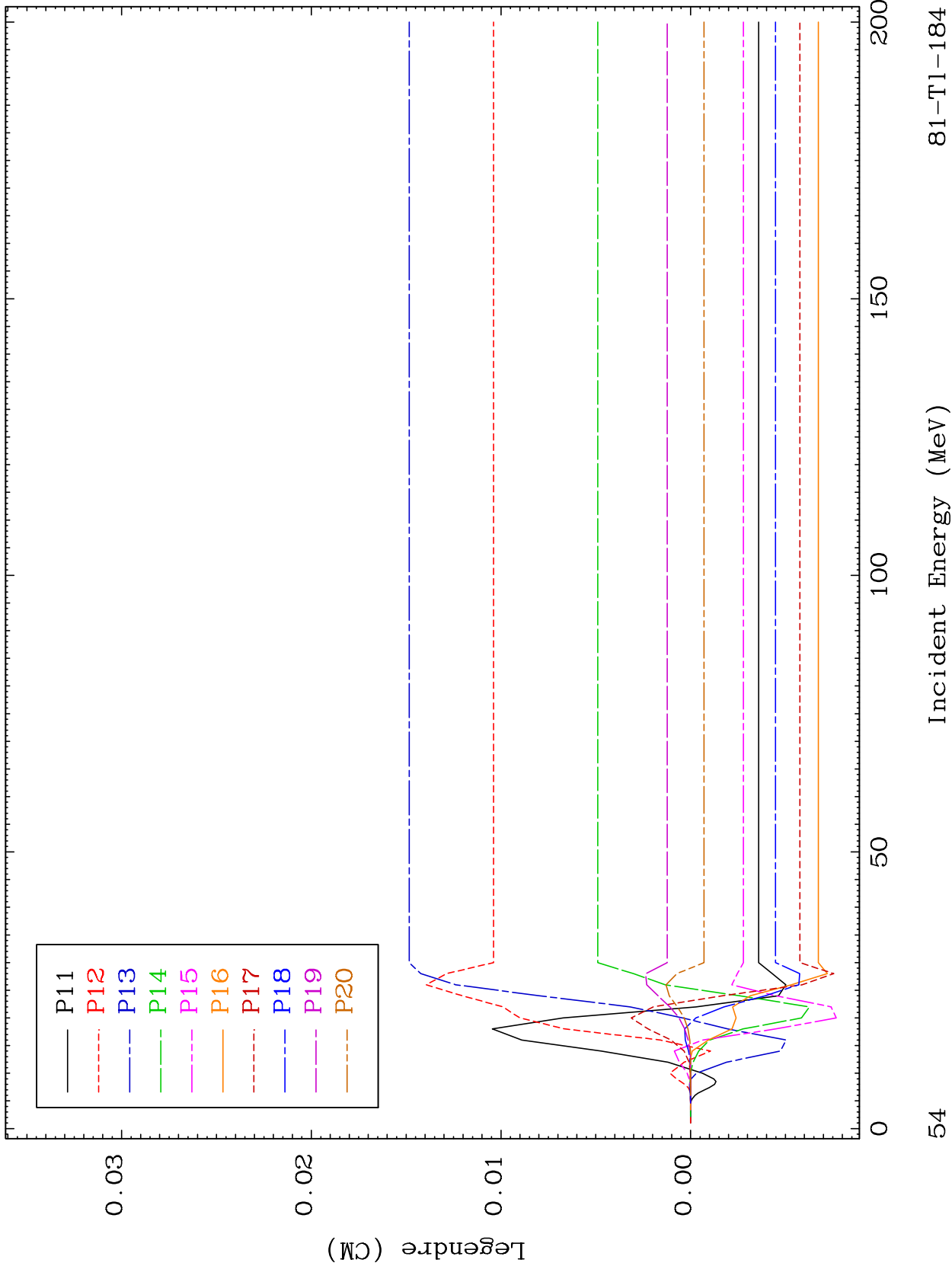
MT= 60 (n,n') Level
Legendre Coefficients

81-Tl-184



53

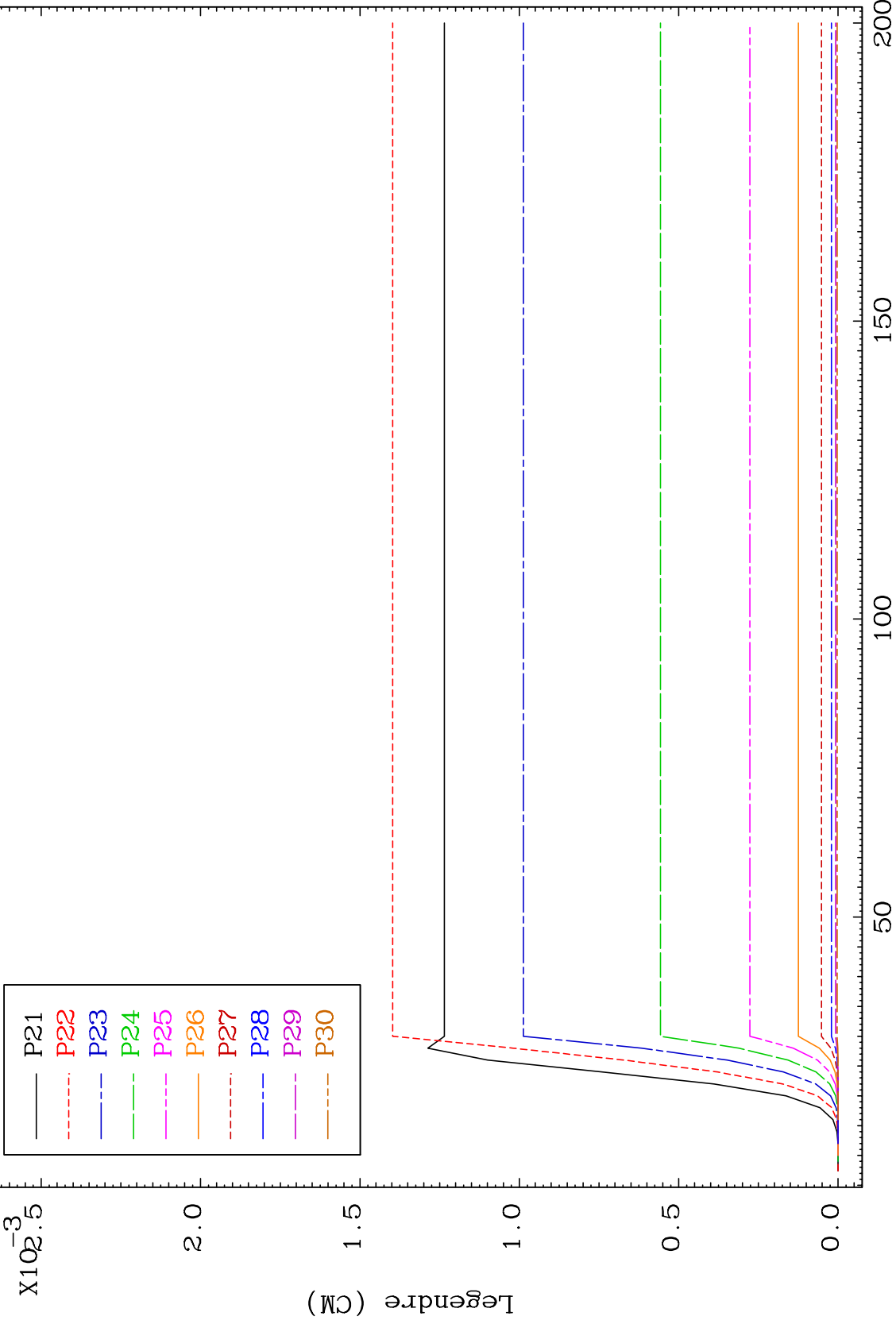
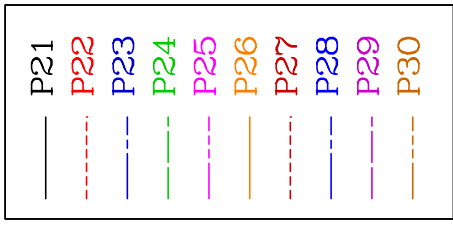
81-Tl-184



MAT 8068

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

81-Tl-184



55

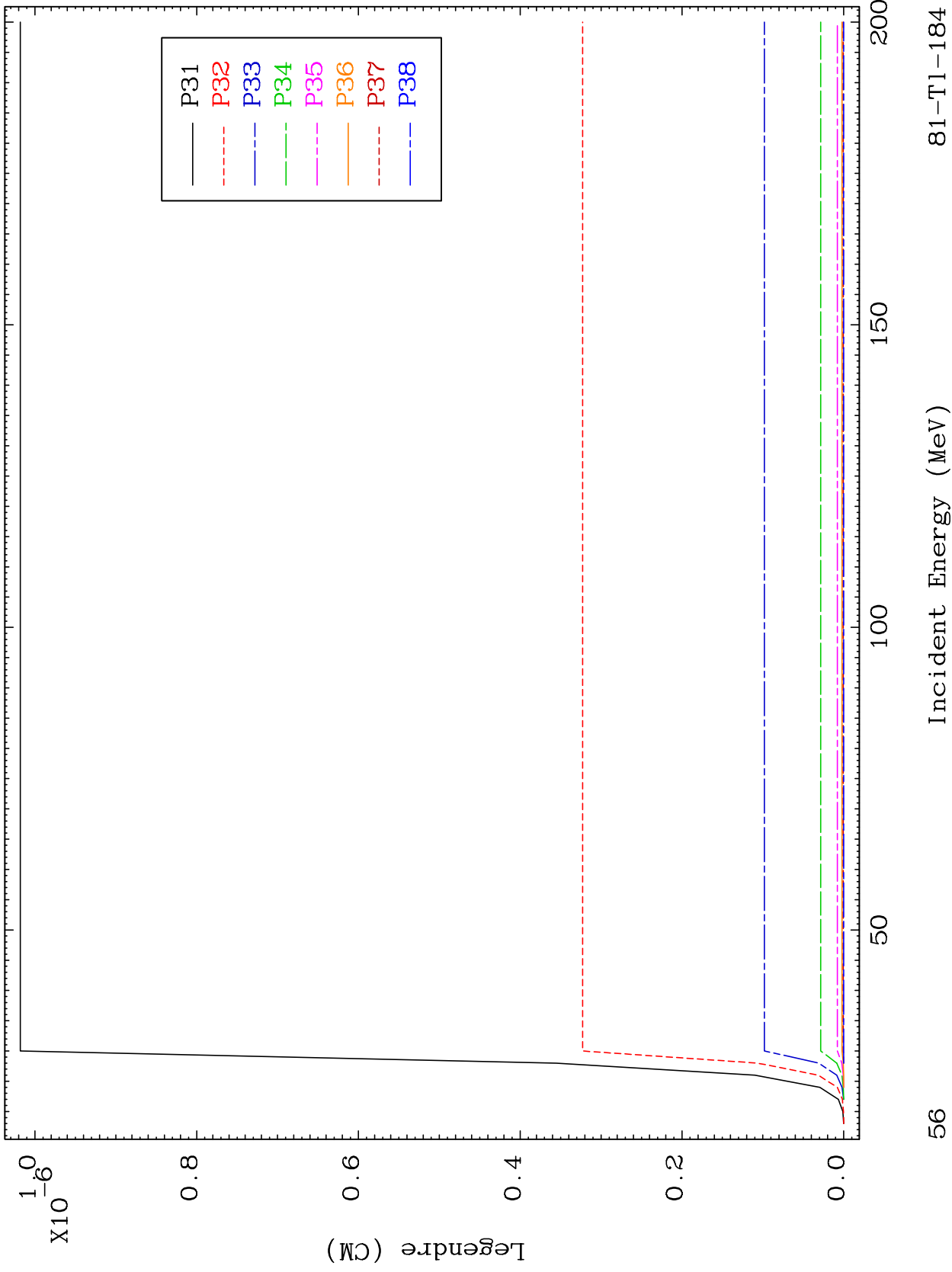
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

81-Tl-184



56

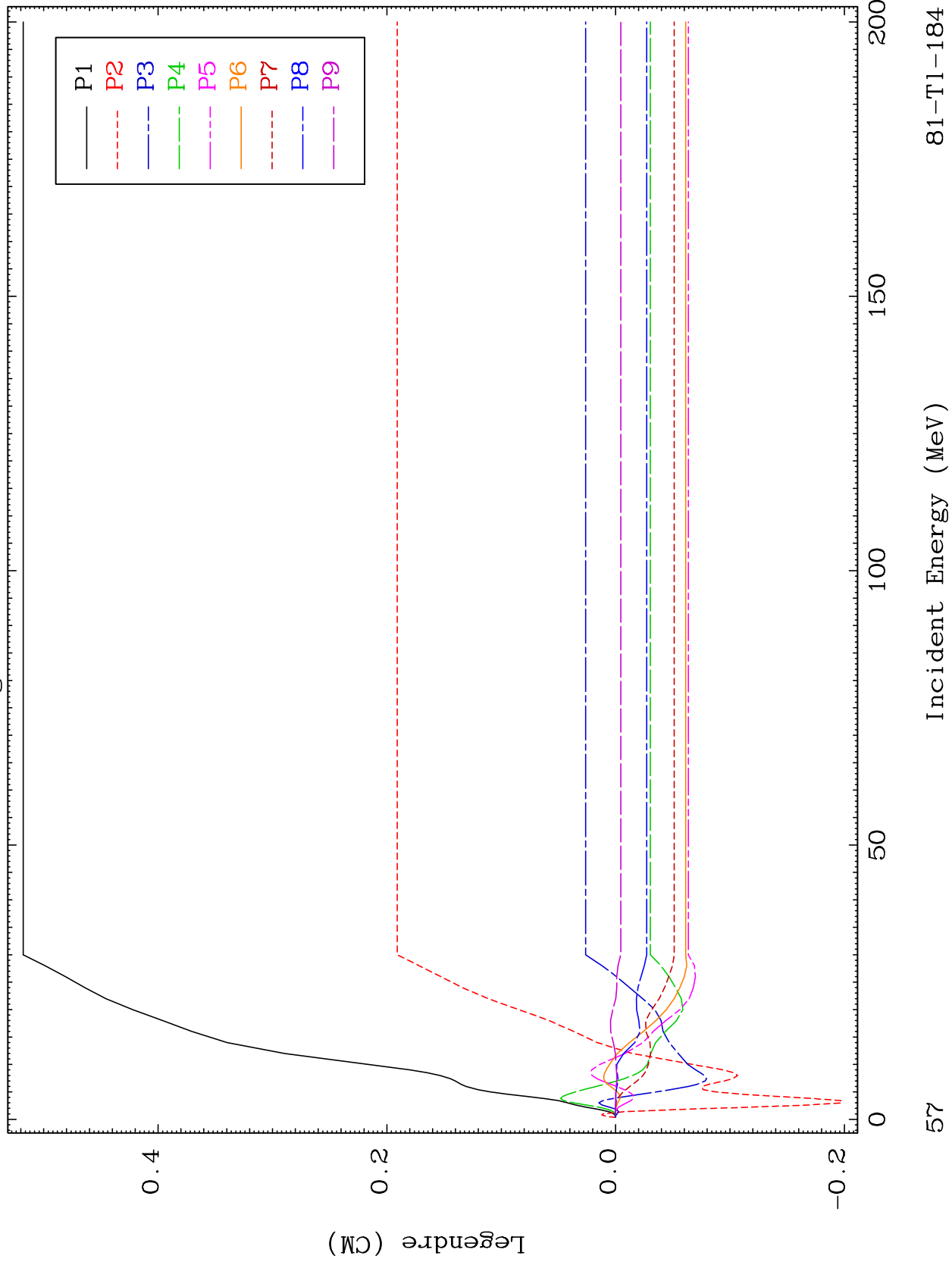
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

81-Tl-184



57

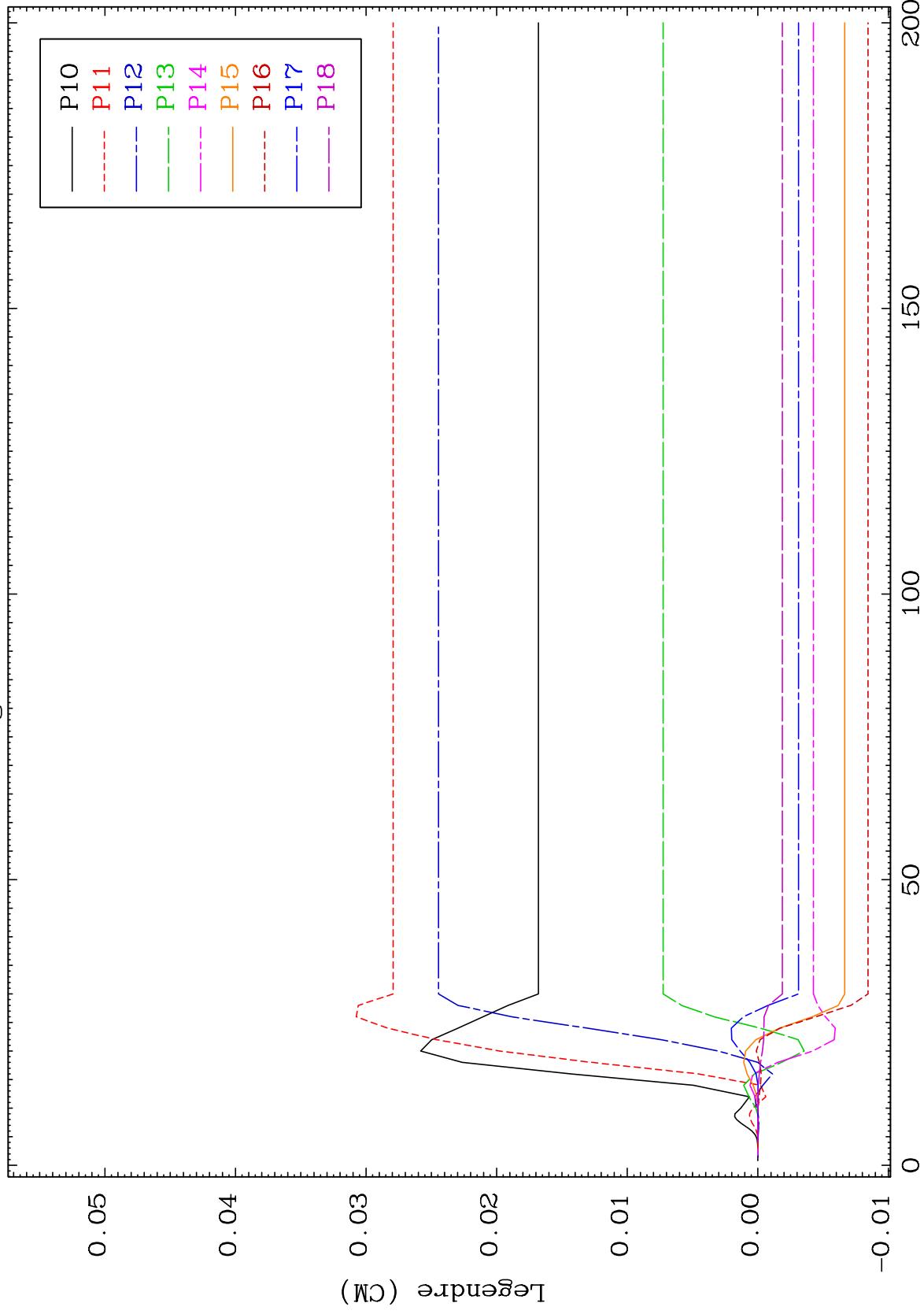
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

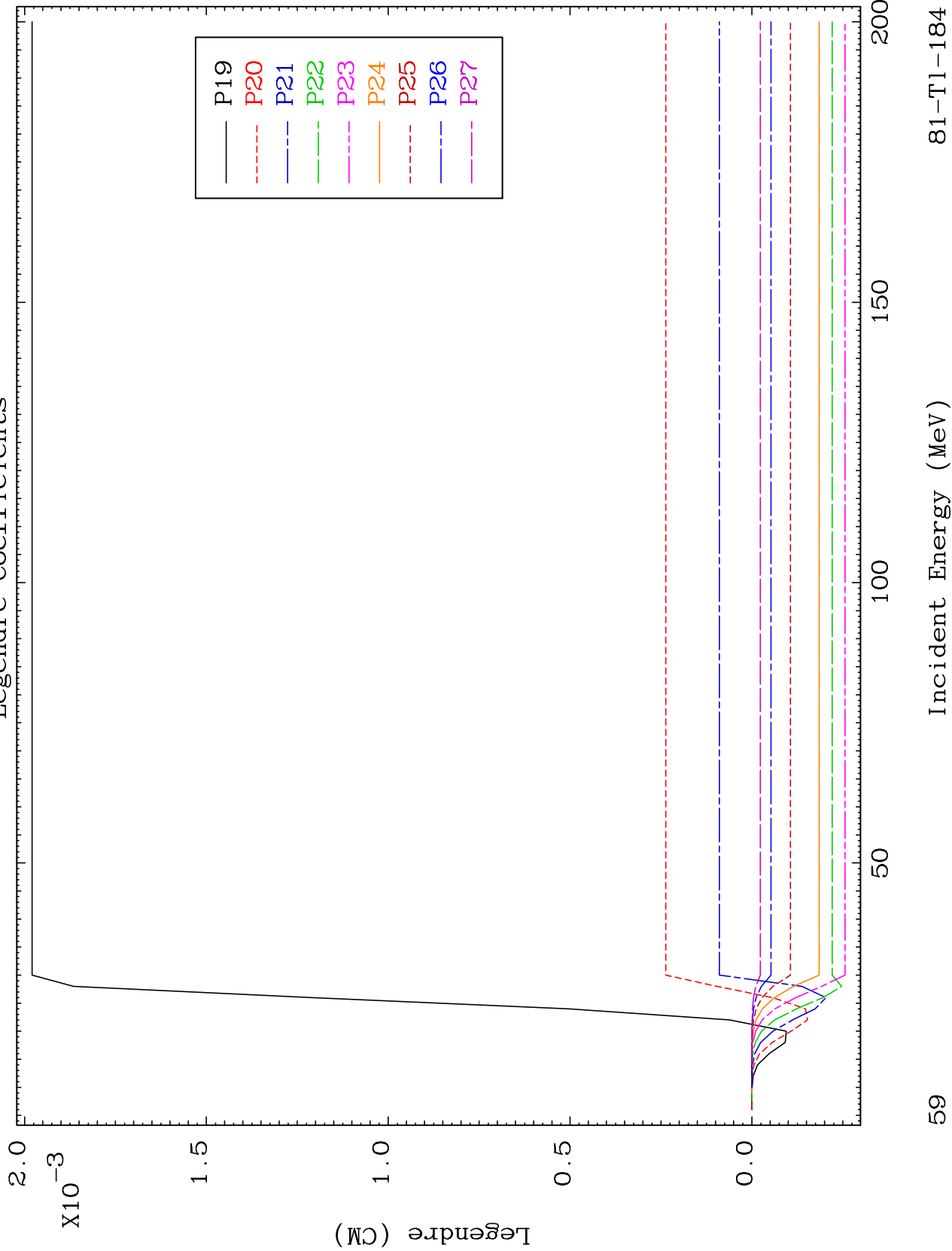
81-Tl-184

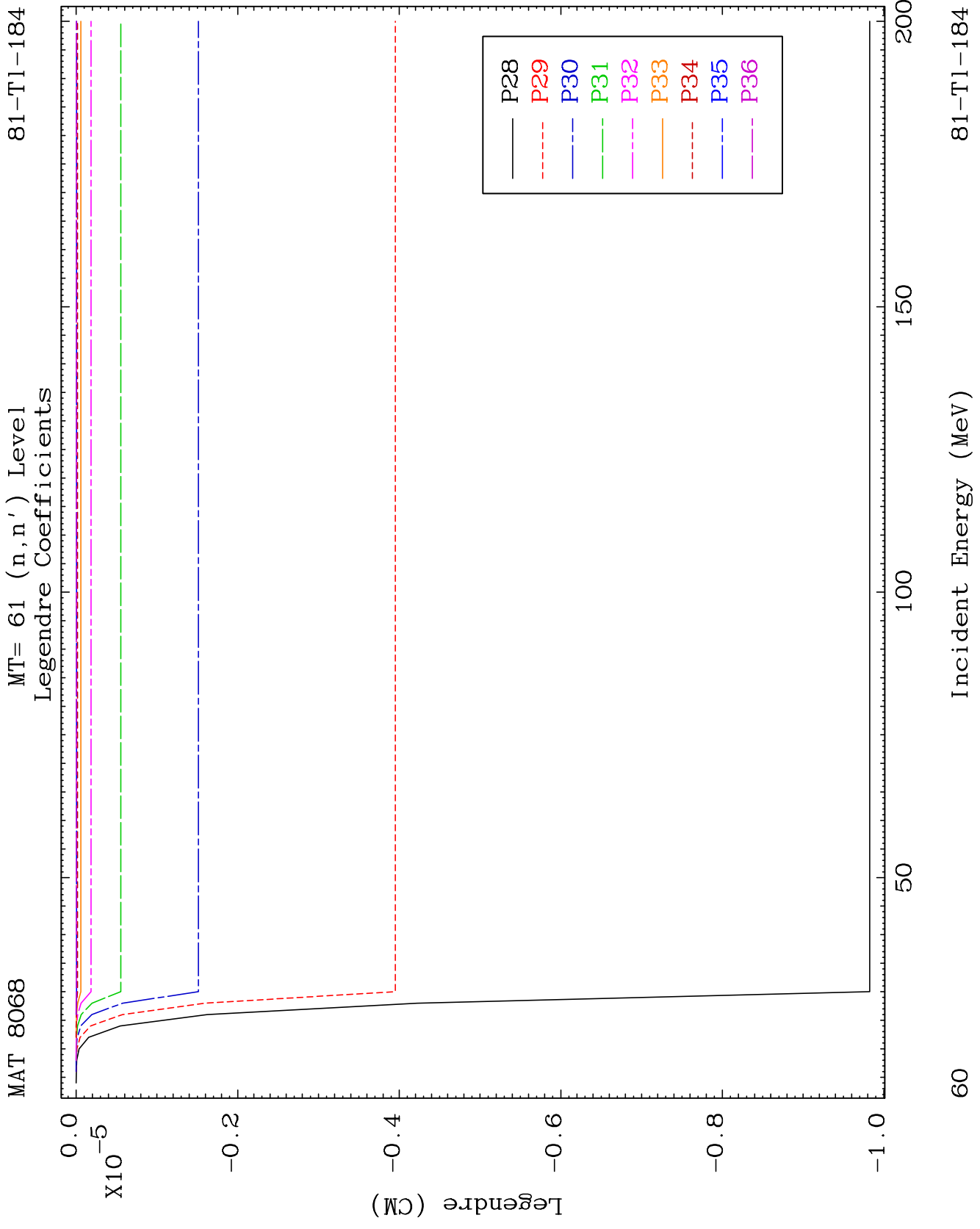


58

Incident Energy (MeV)

81-Tl-184

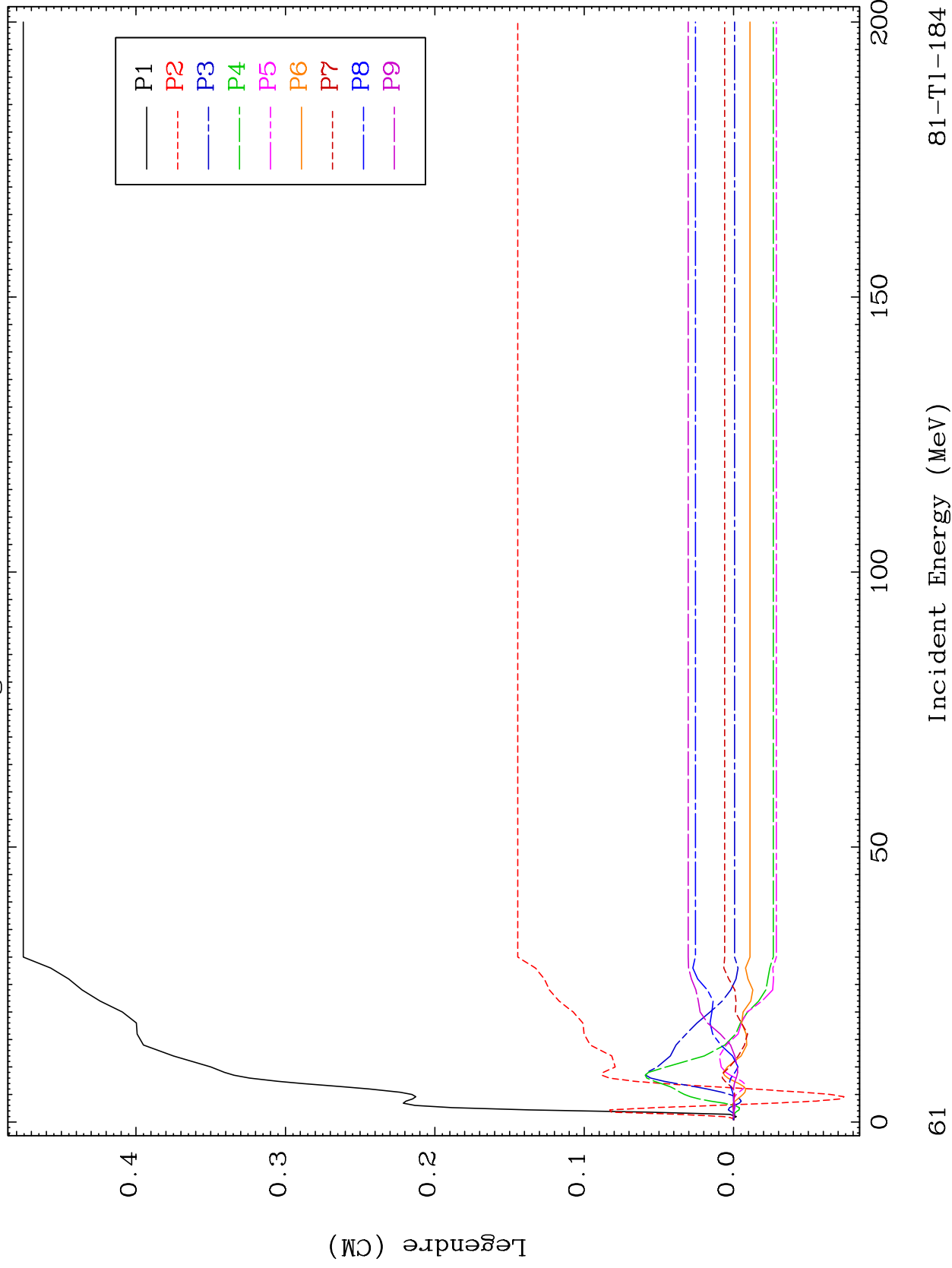




MAT 8068

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

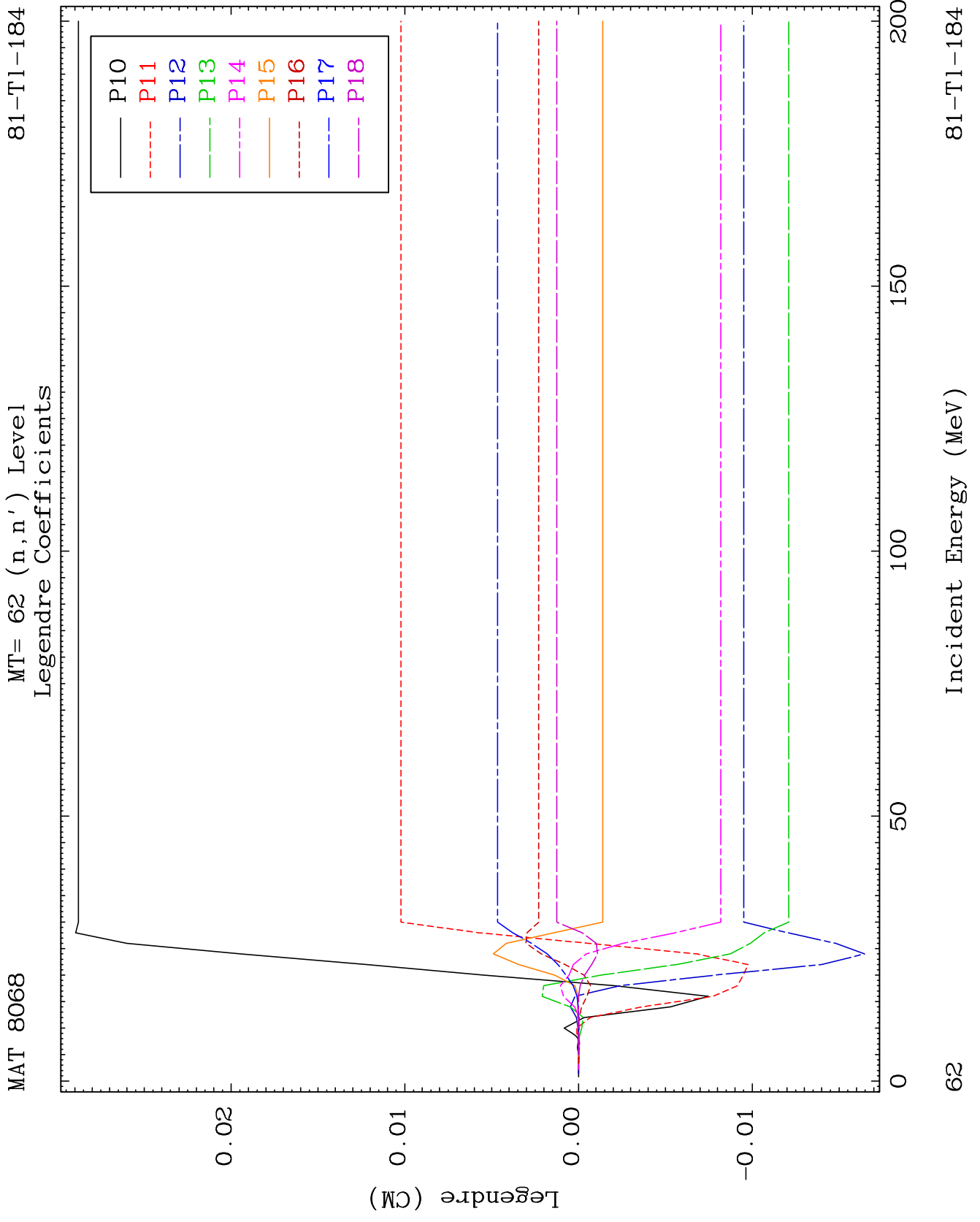
81-Tl-184



81-Tl-184

Incident Energy (MeV)

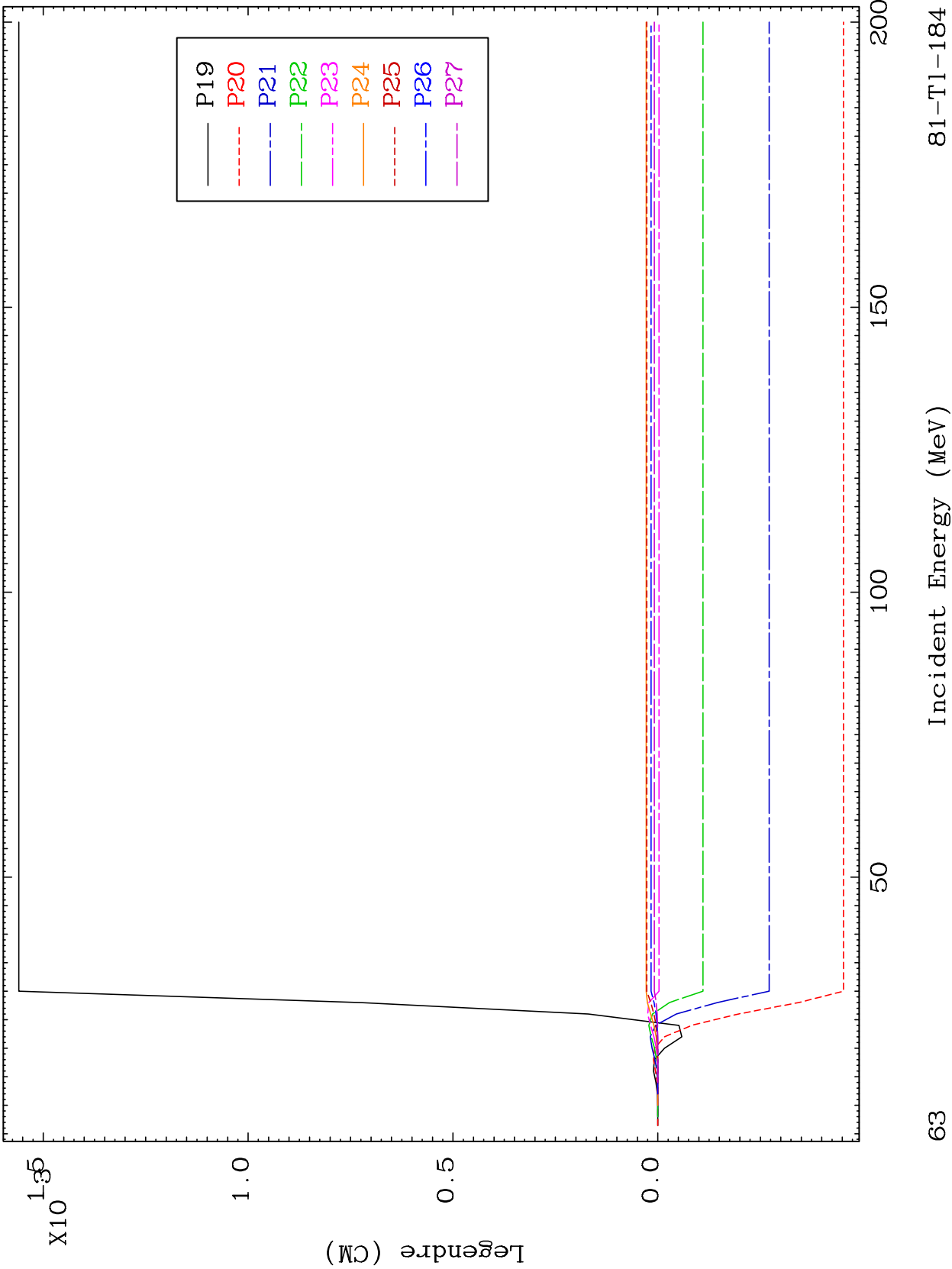
61



MAT 8068

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

81-Tl-184



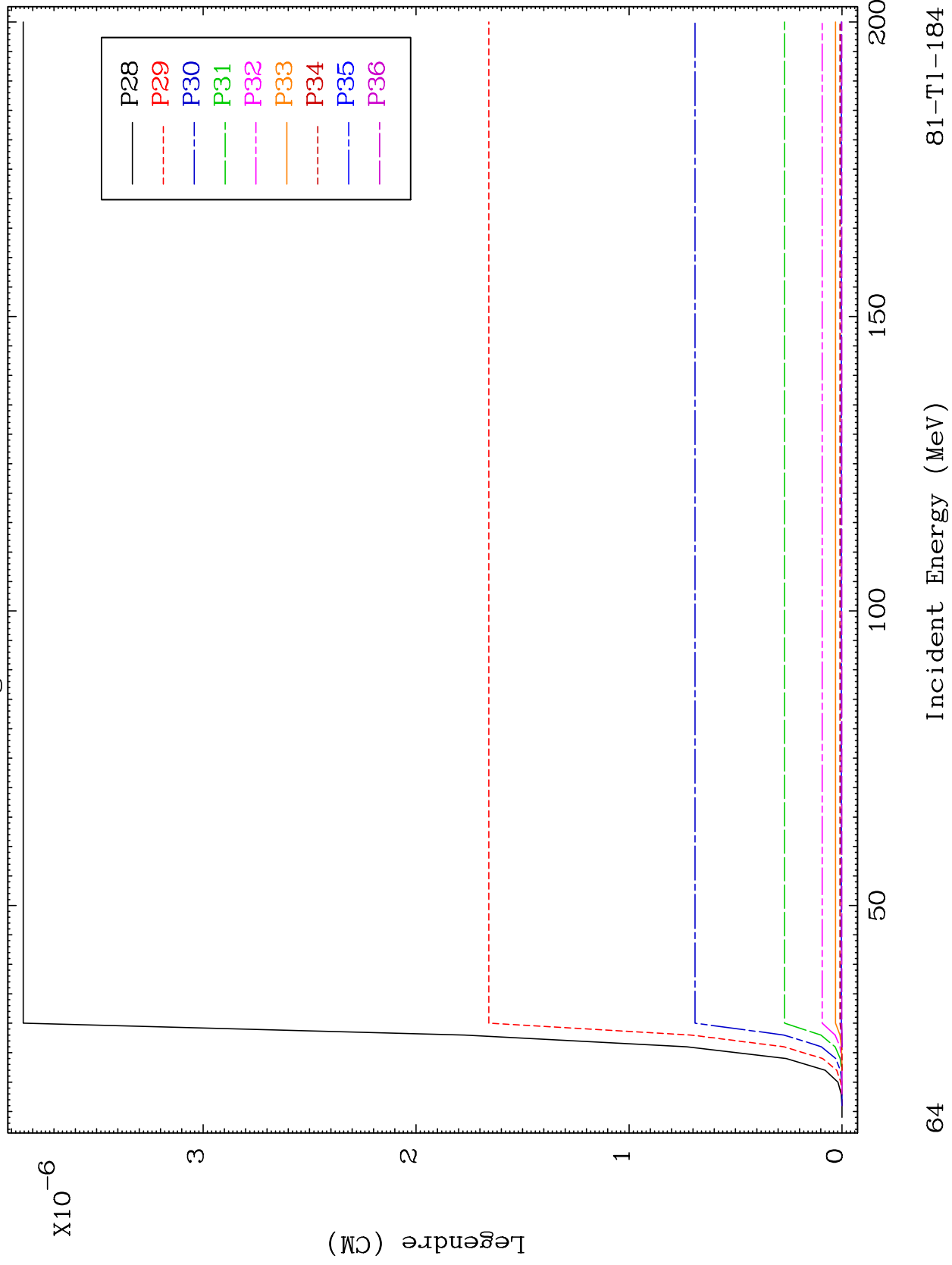
63

81-Tl-184

MAT 8068

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

81-Tl-184

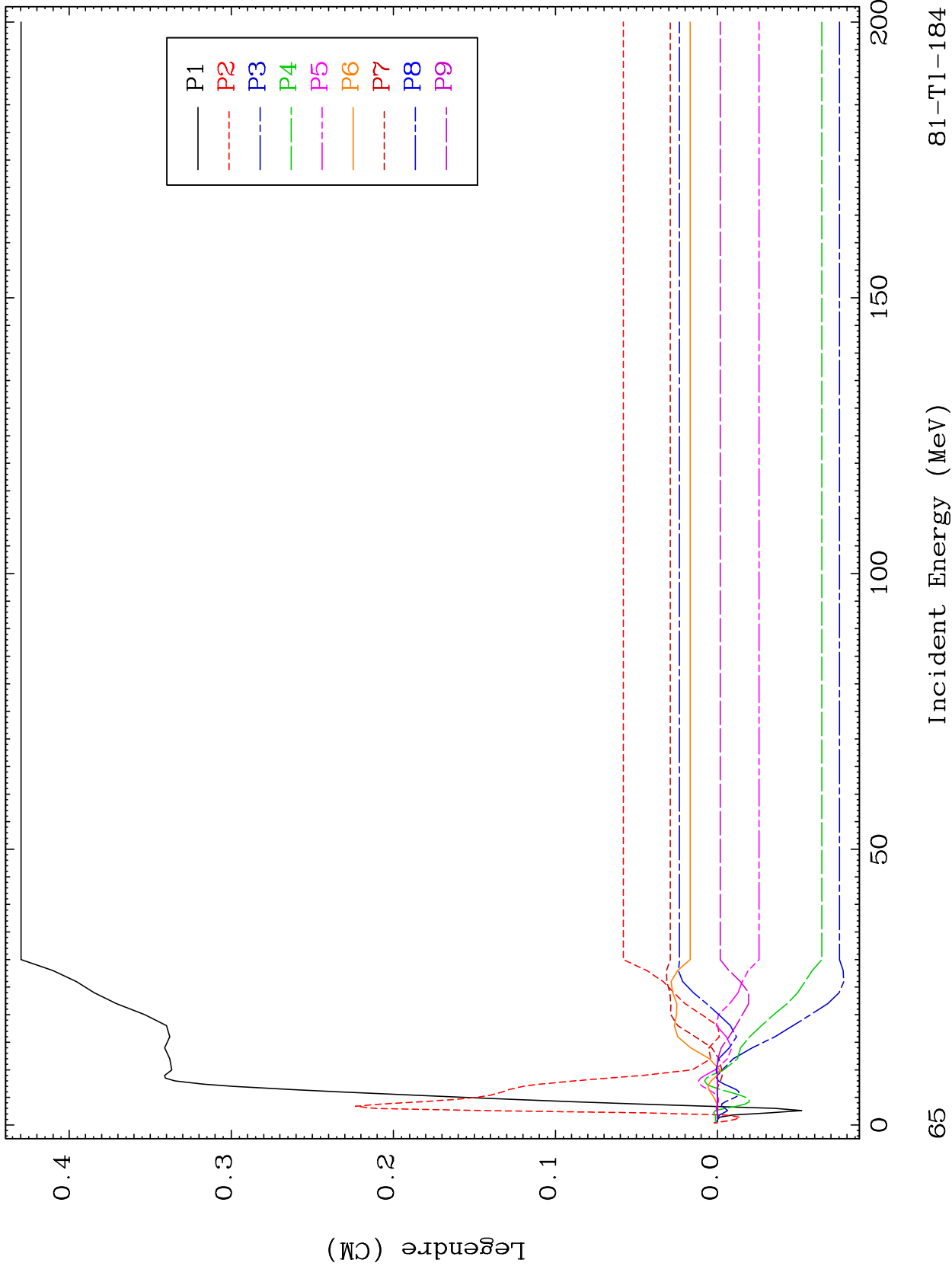


64

MAT 8068

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

81-Tl-184



65

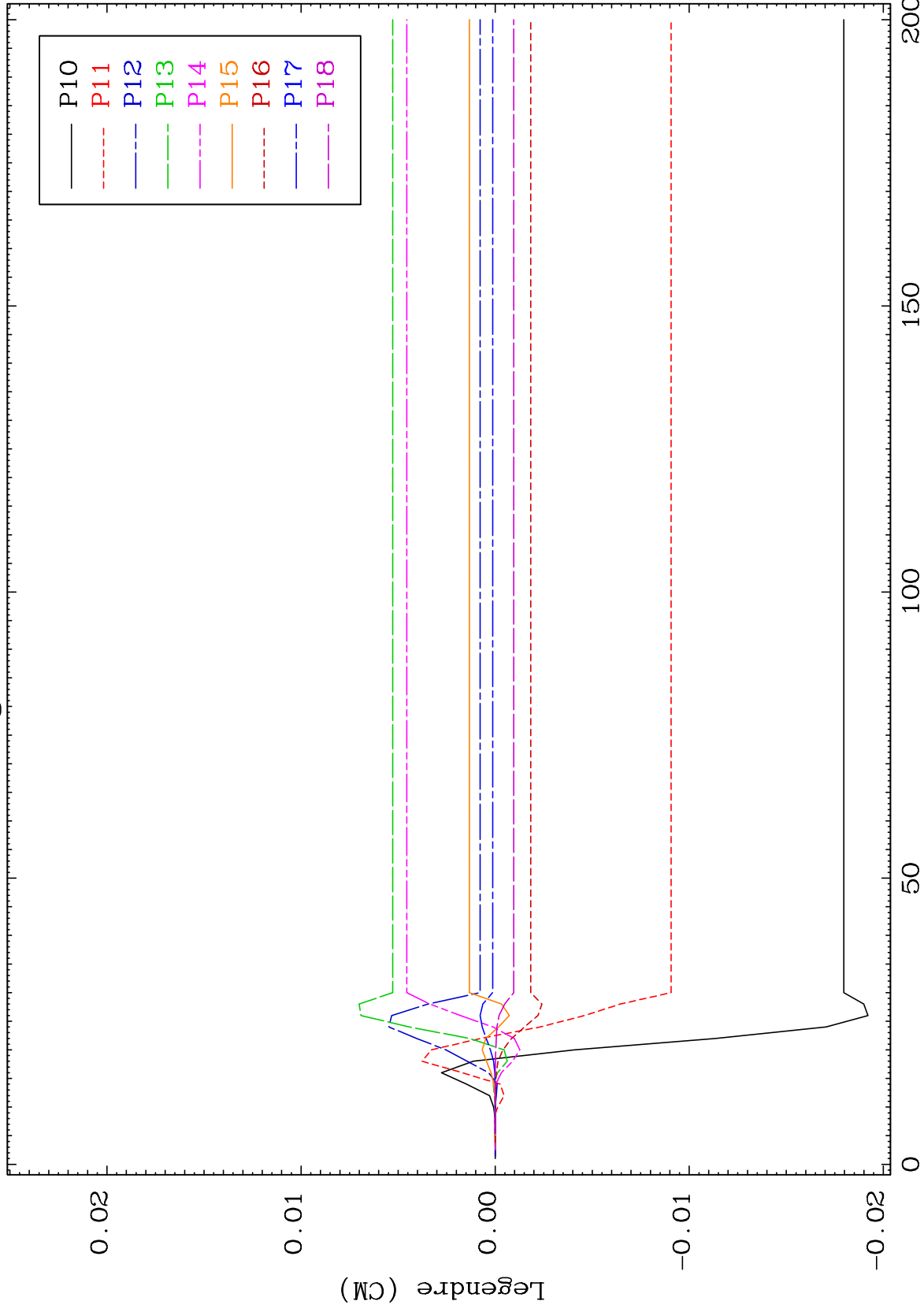
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

81-Tl-184



66

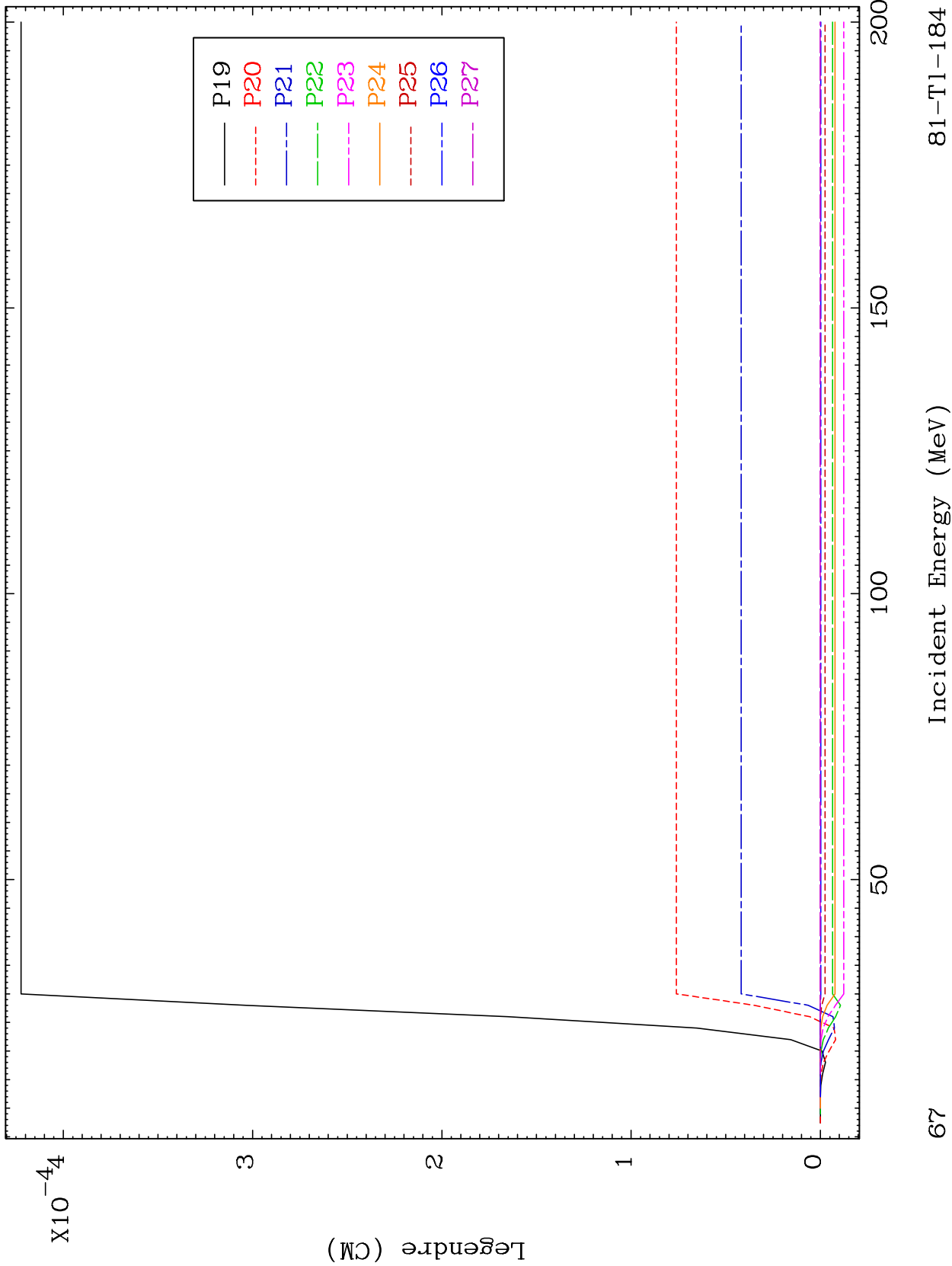
Incident Energy (MeV)

81-Tl-184

MAT 8068

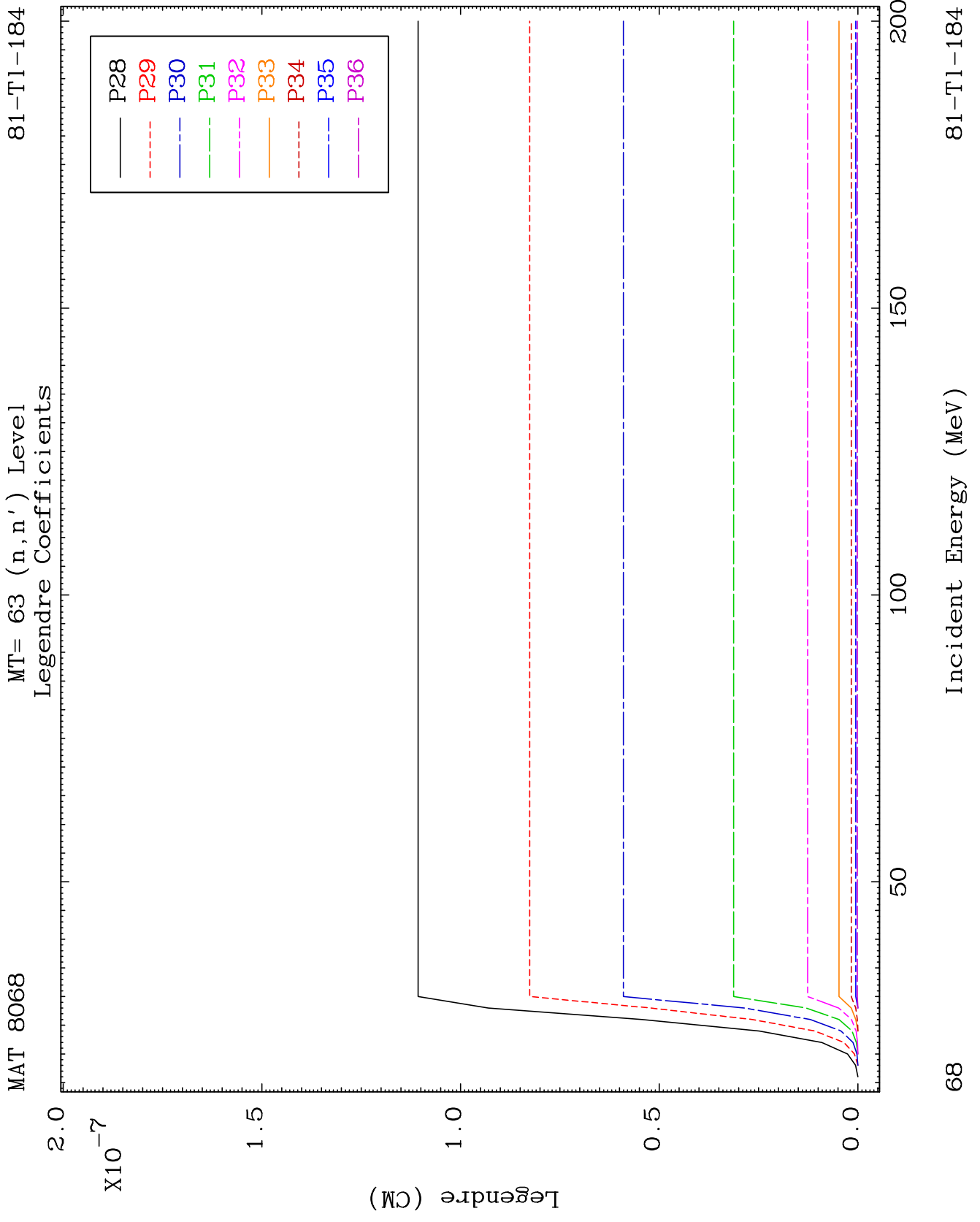
MT= 63 (n,n') Level
Legendre Coefficients

81-Tl-184



67

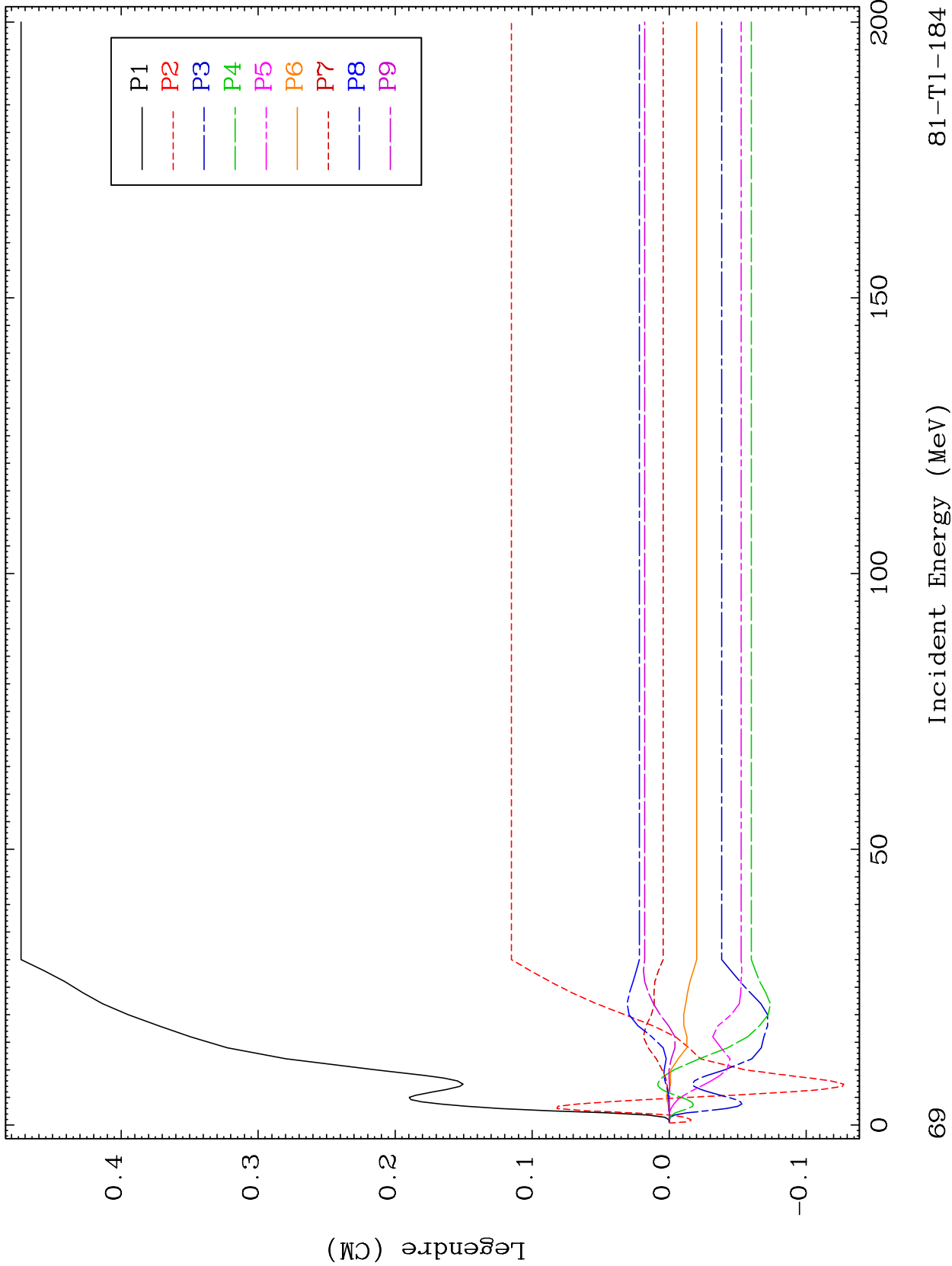
81-Tl-184



MAT 8068

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

81-Tl-184



69

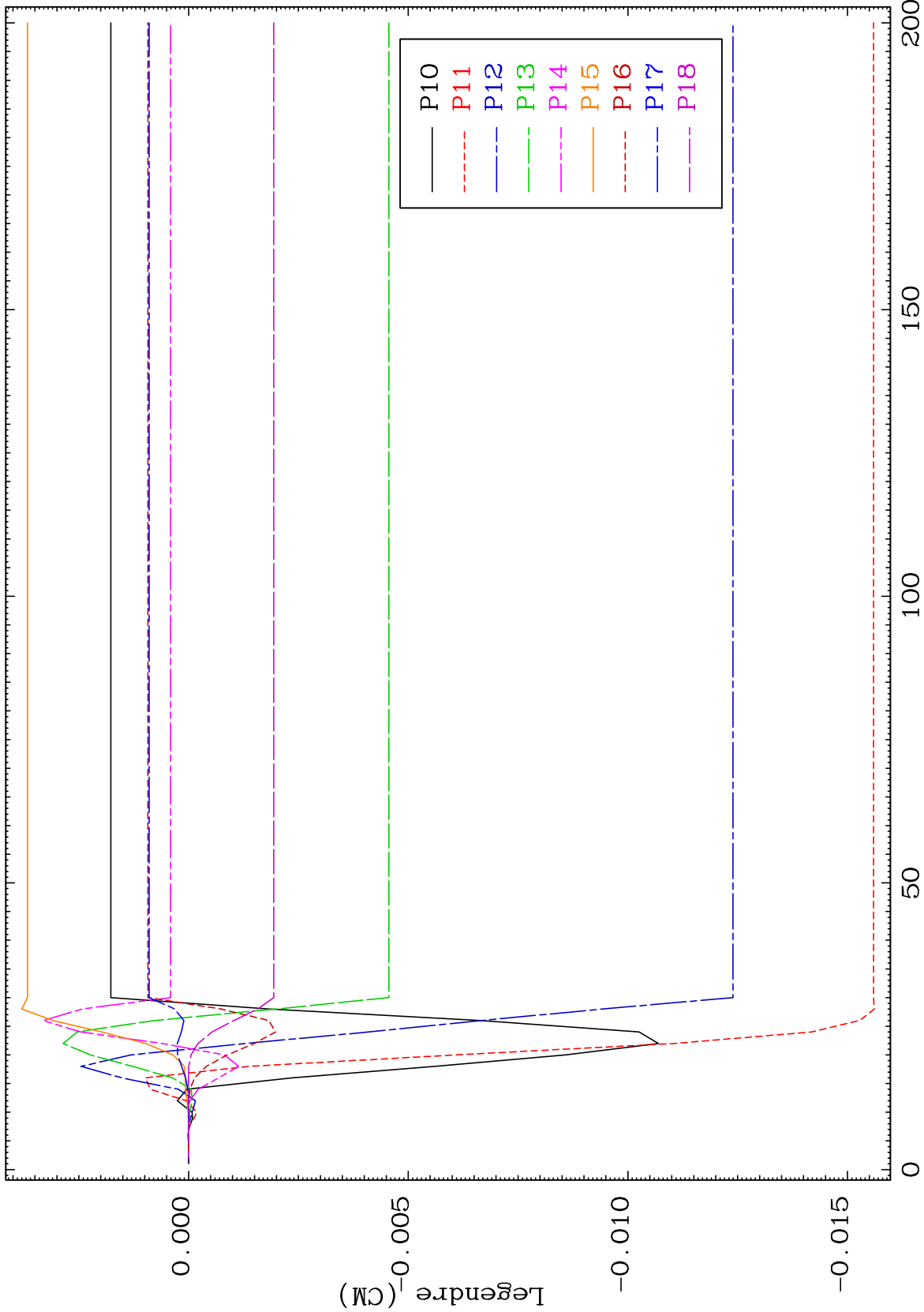
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

81-Tl-184



70

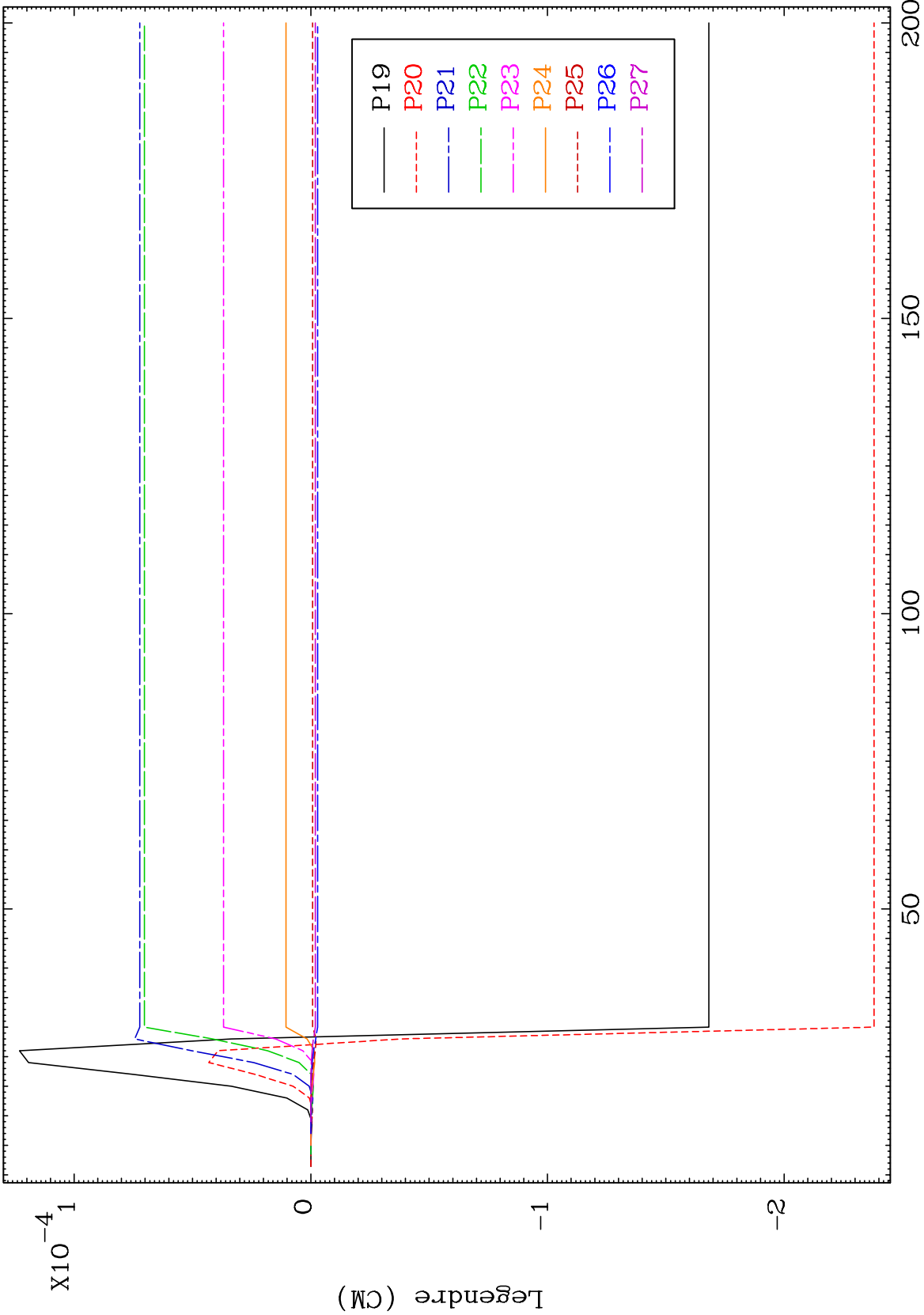
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

81-Tl-184



71

Incident Energy (MeV)

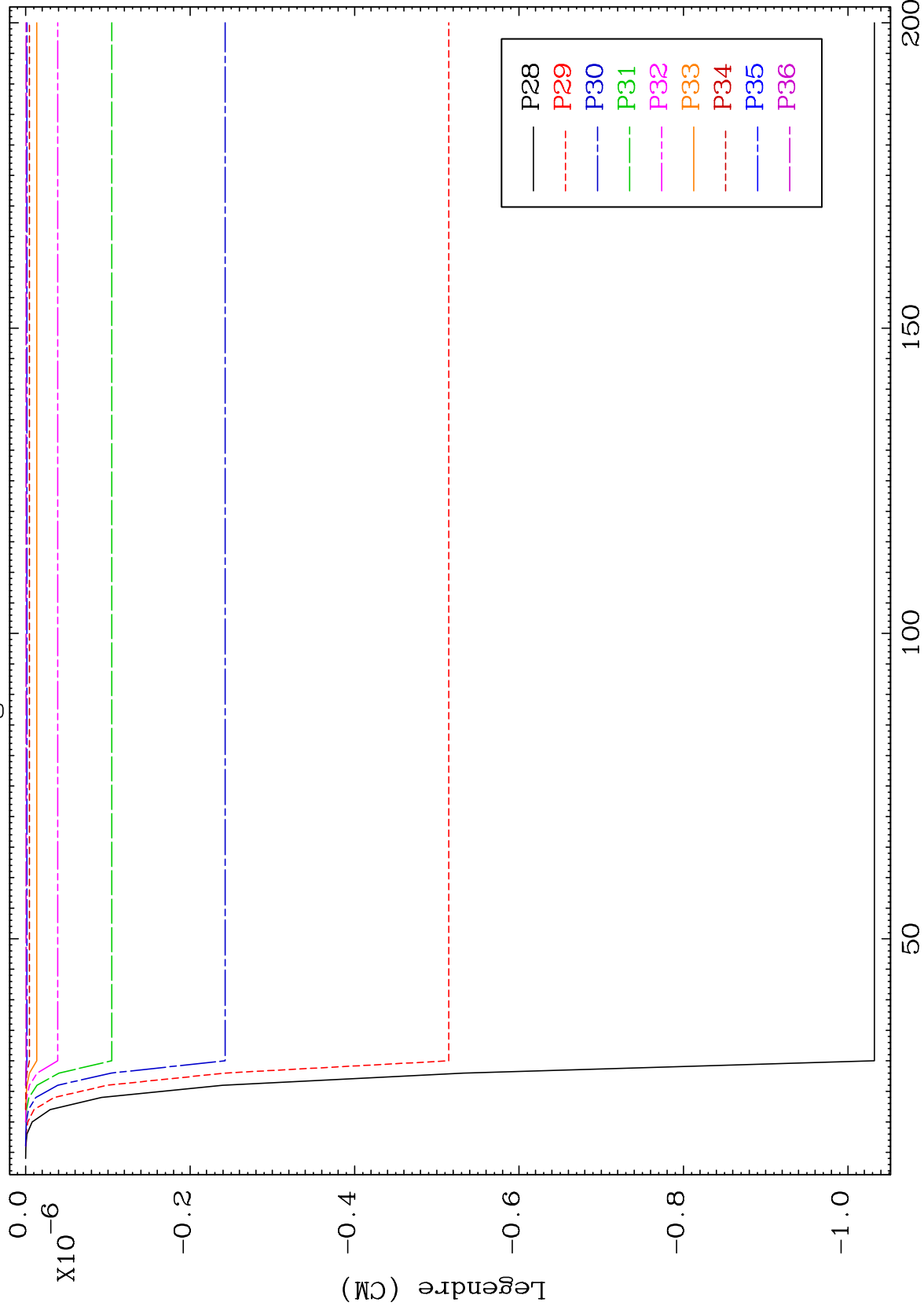
81-Tl-184

MAT 8068

MT= 64 (n,n') Level

81-Tl-184

Legendre Coefficients



72

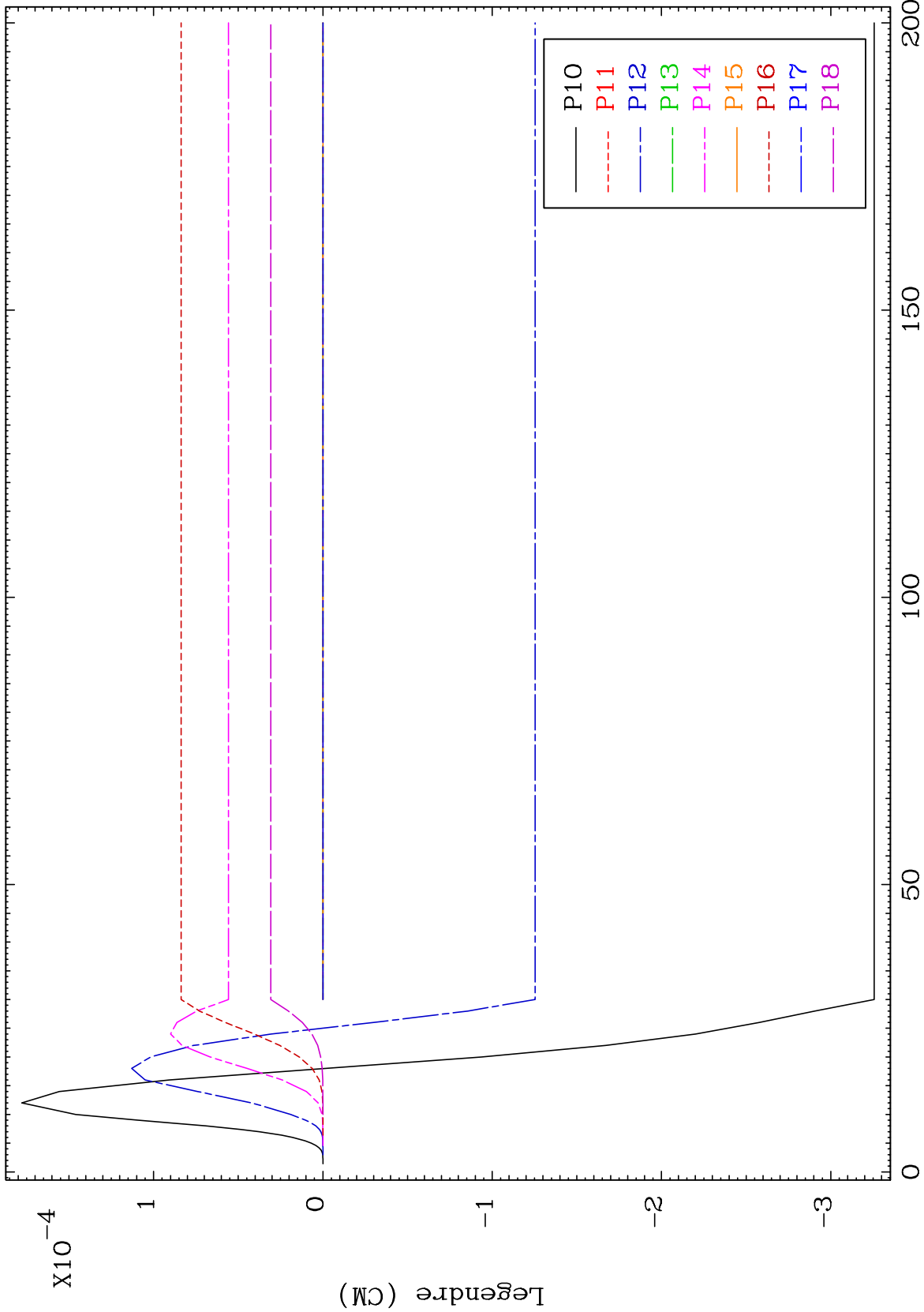
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

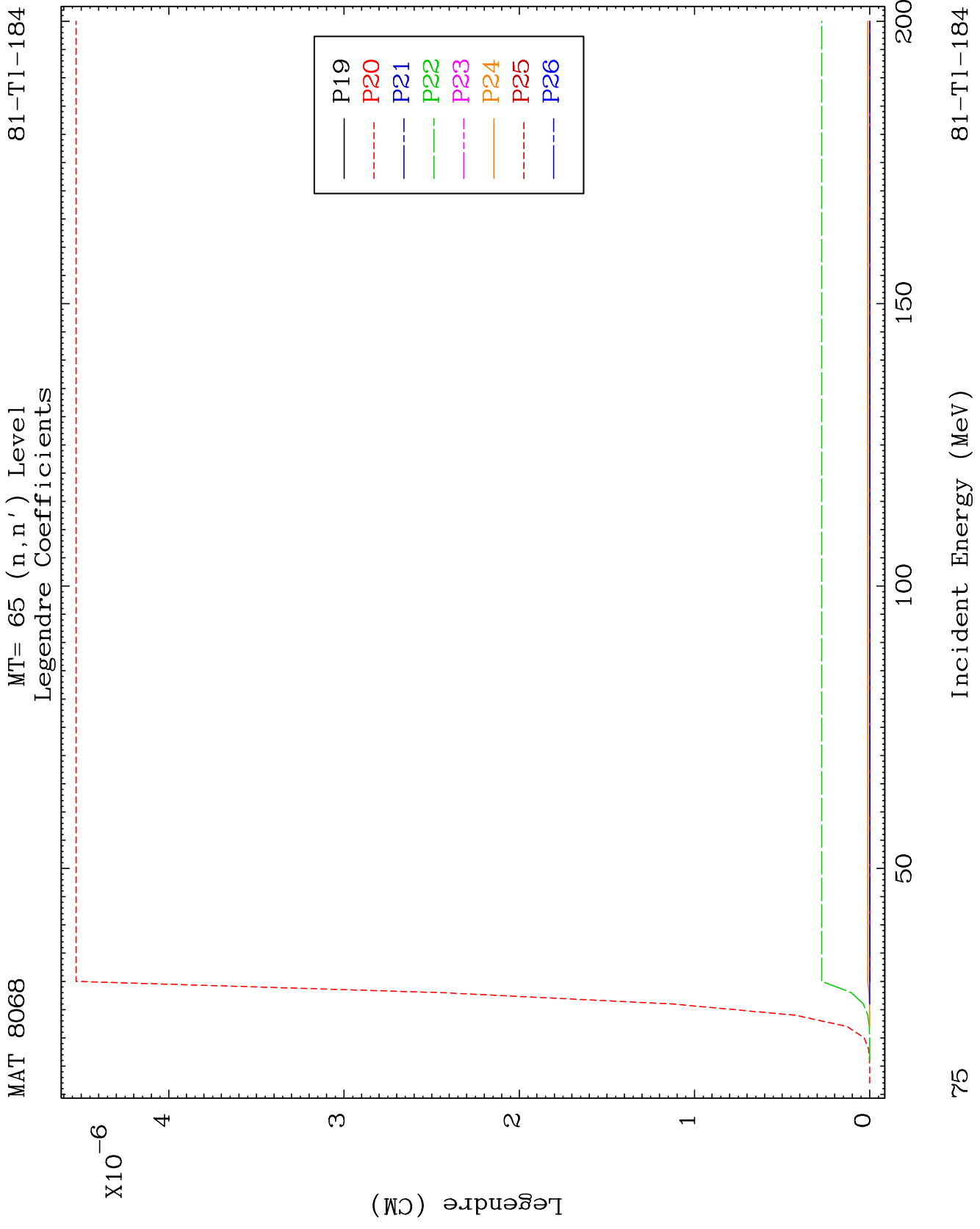
81-Tl-184



74

Incident Energy (MeV)

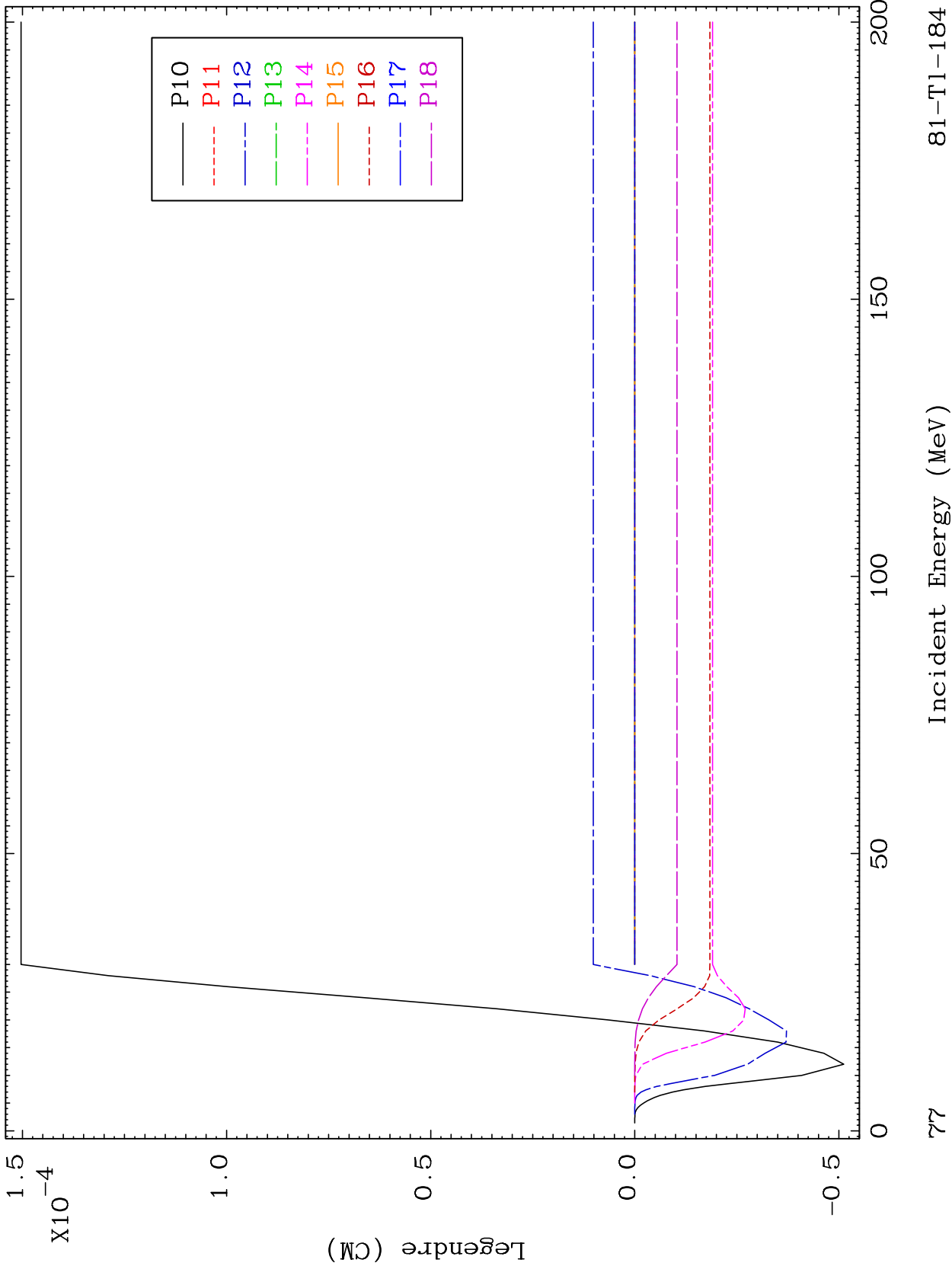
81-Tl-184



MAT 8068

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

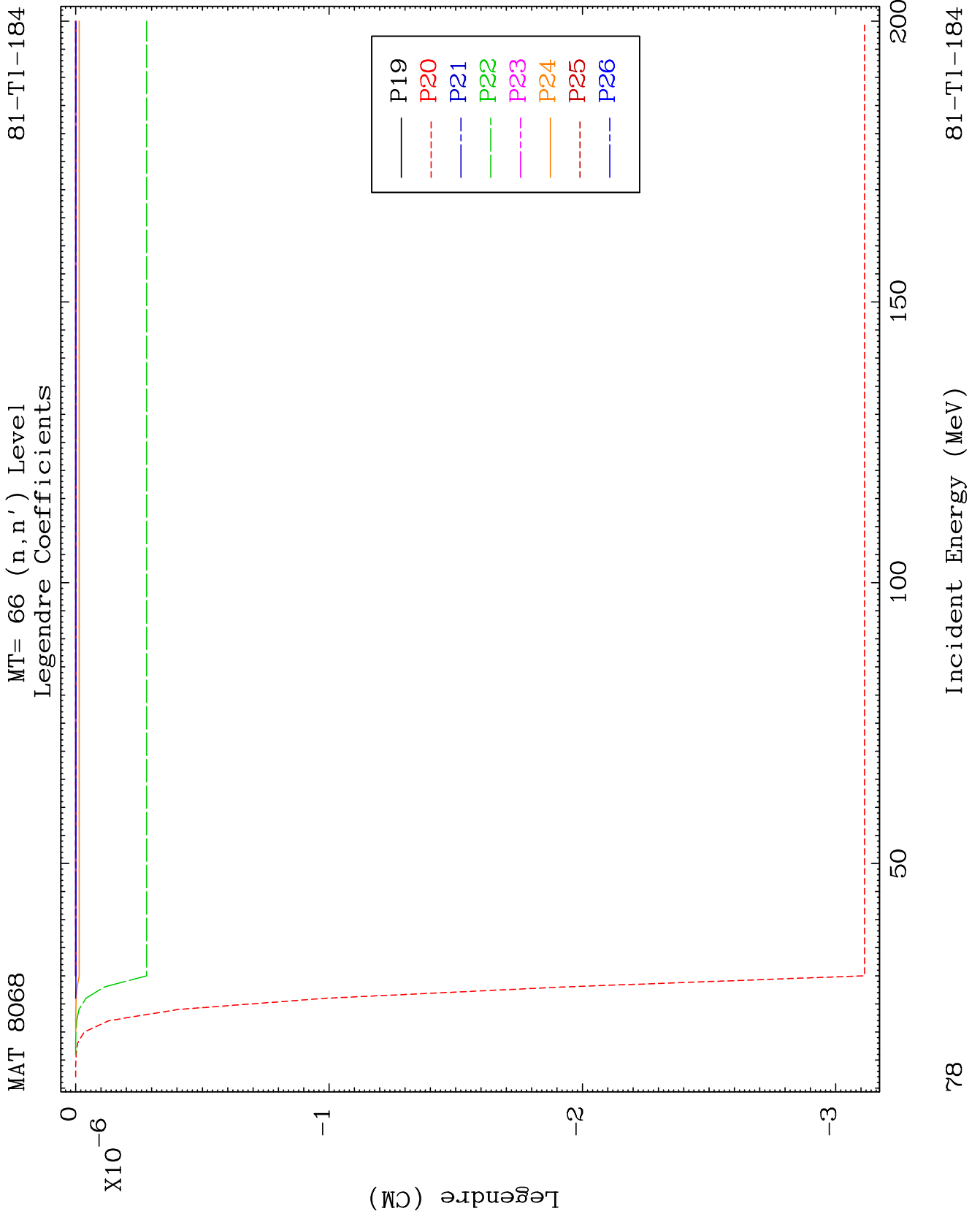
81-Tl-184



77

Incident Energy (MeV)

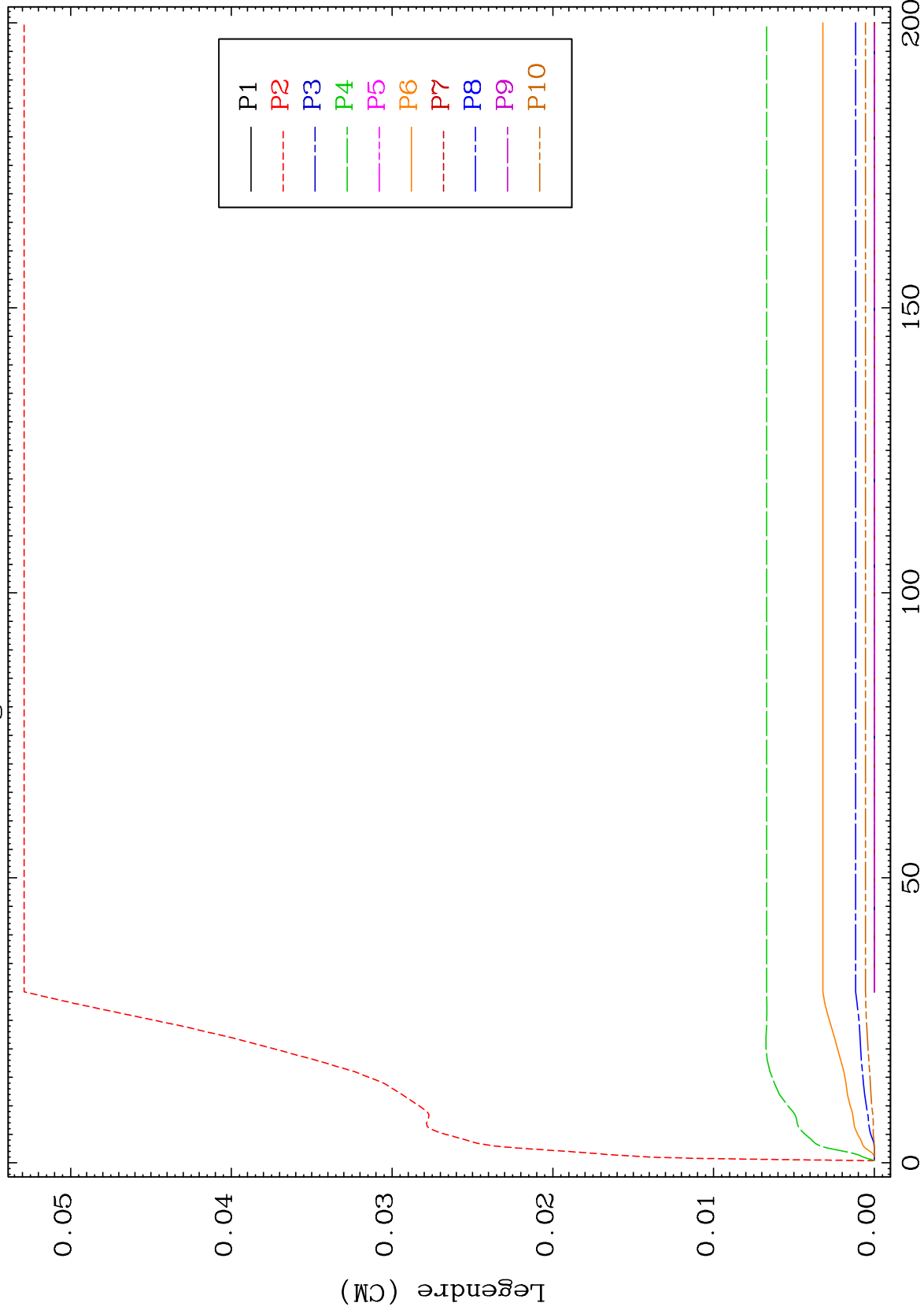
81-Tl-184



MAT 8068

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

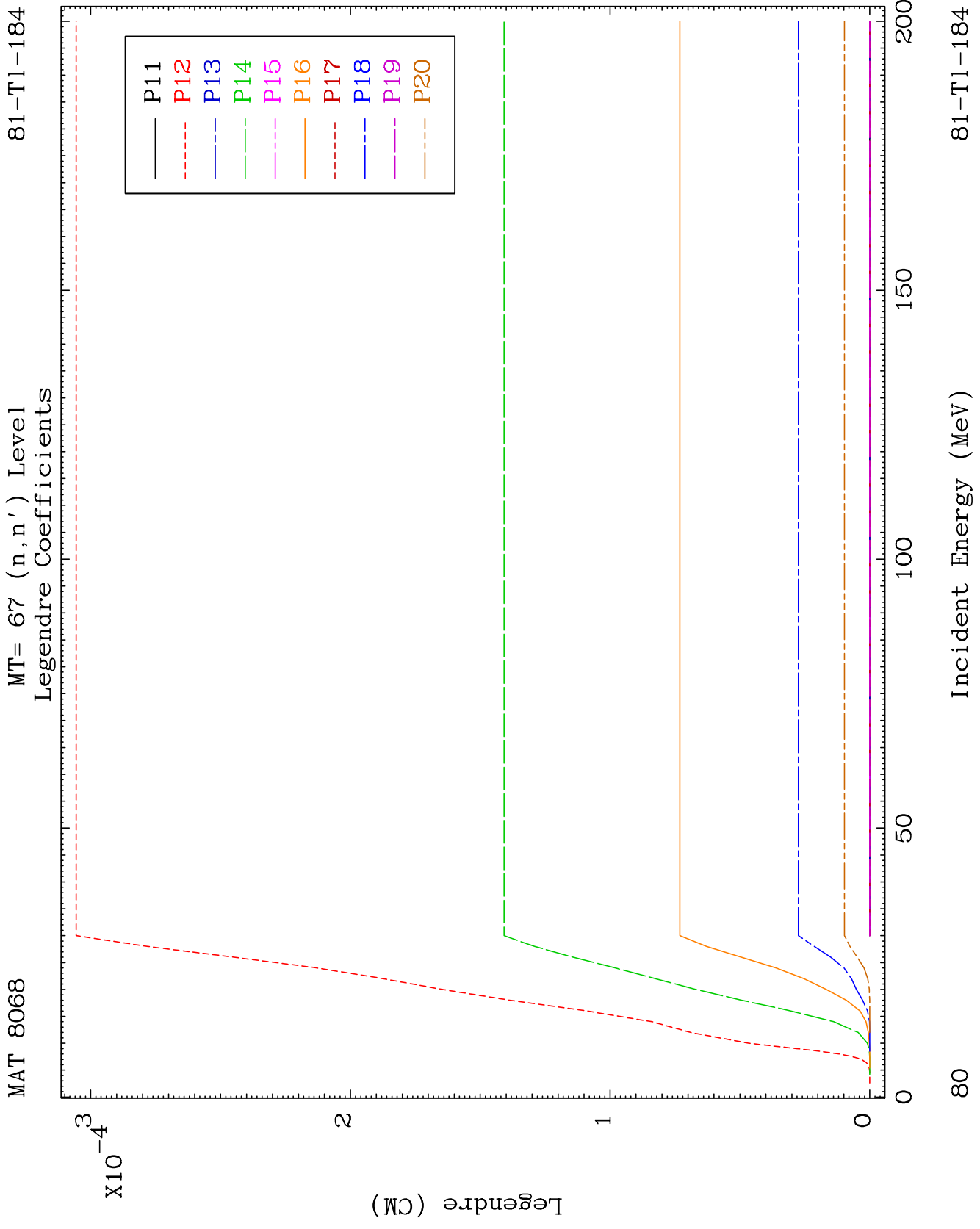
81-Tl-184

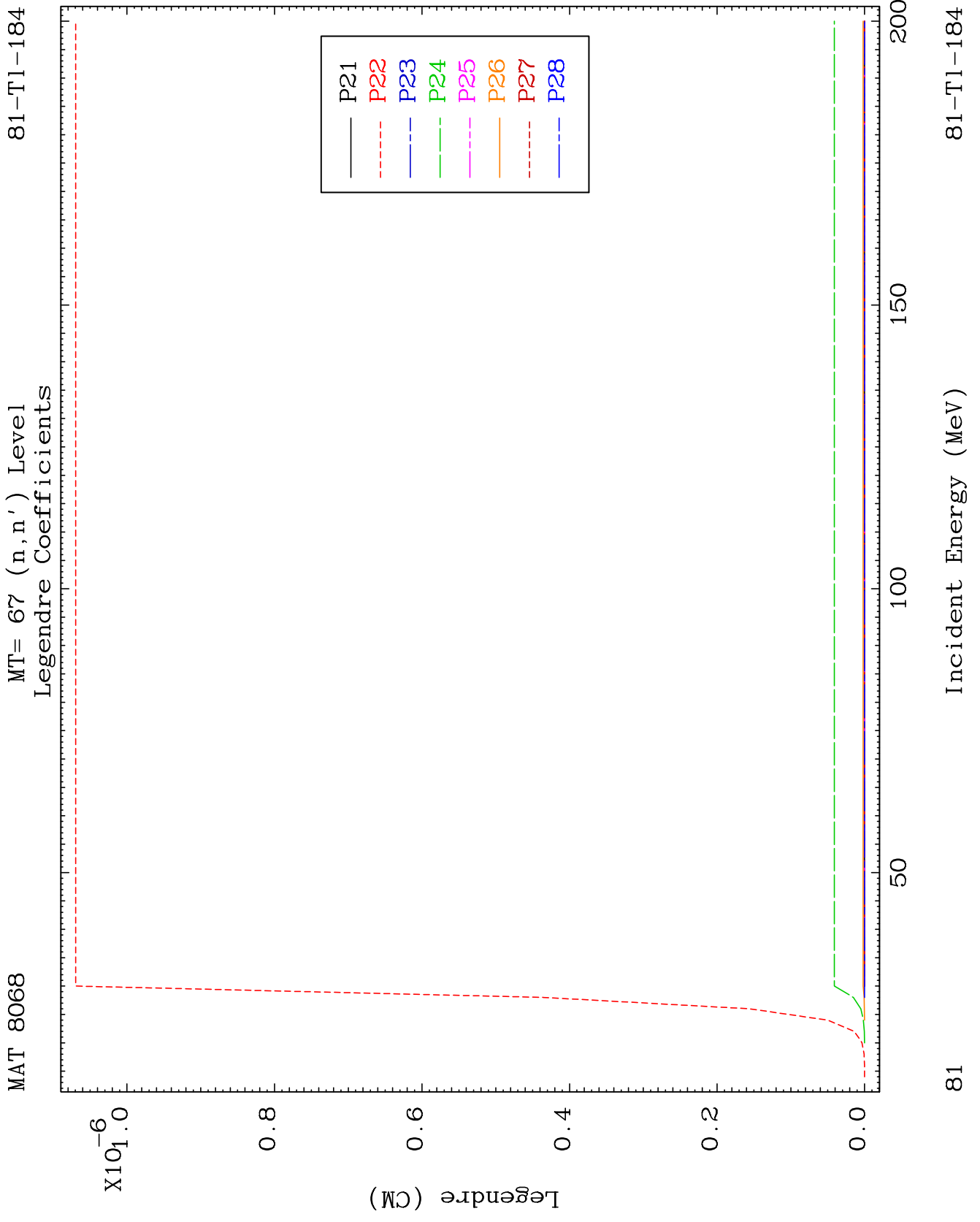


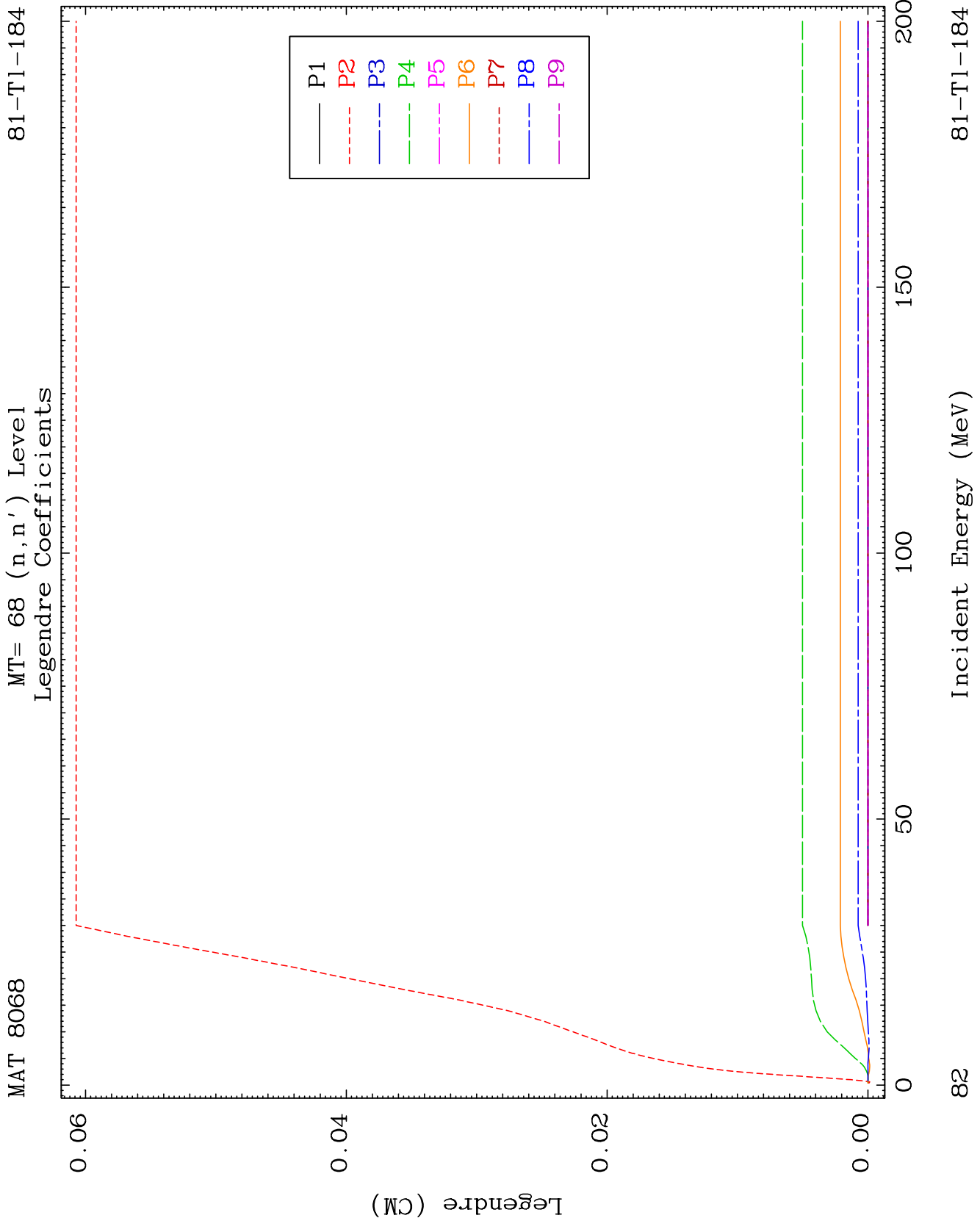
79

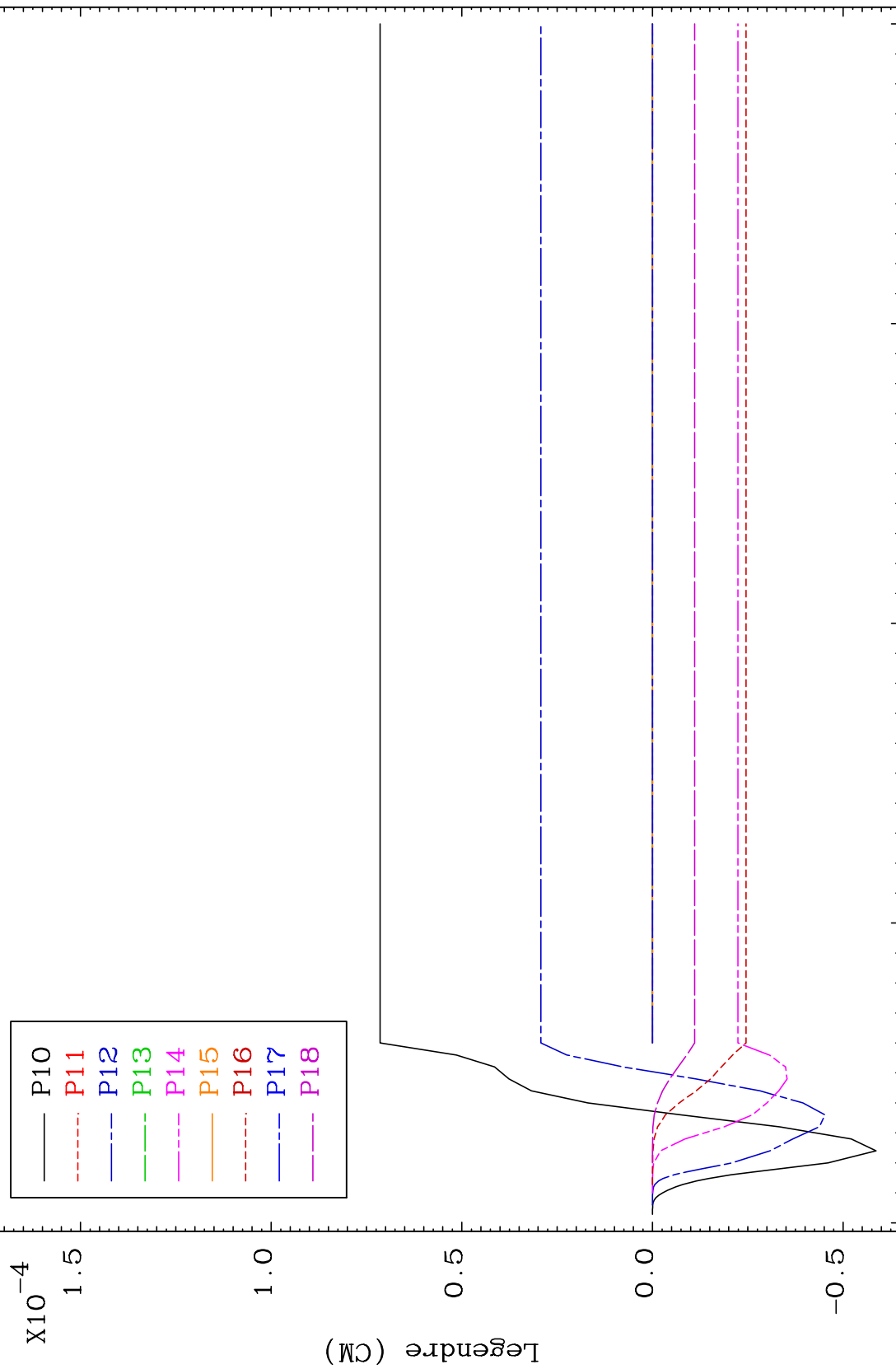
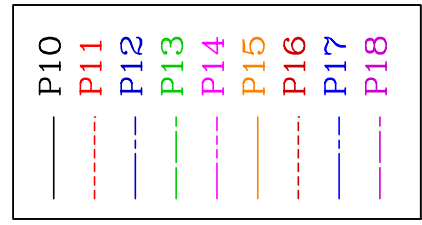
Incident Energy (MeV)

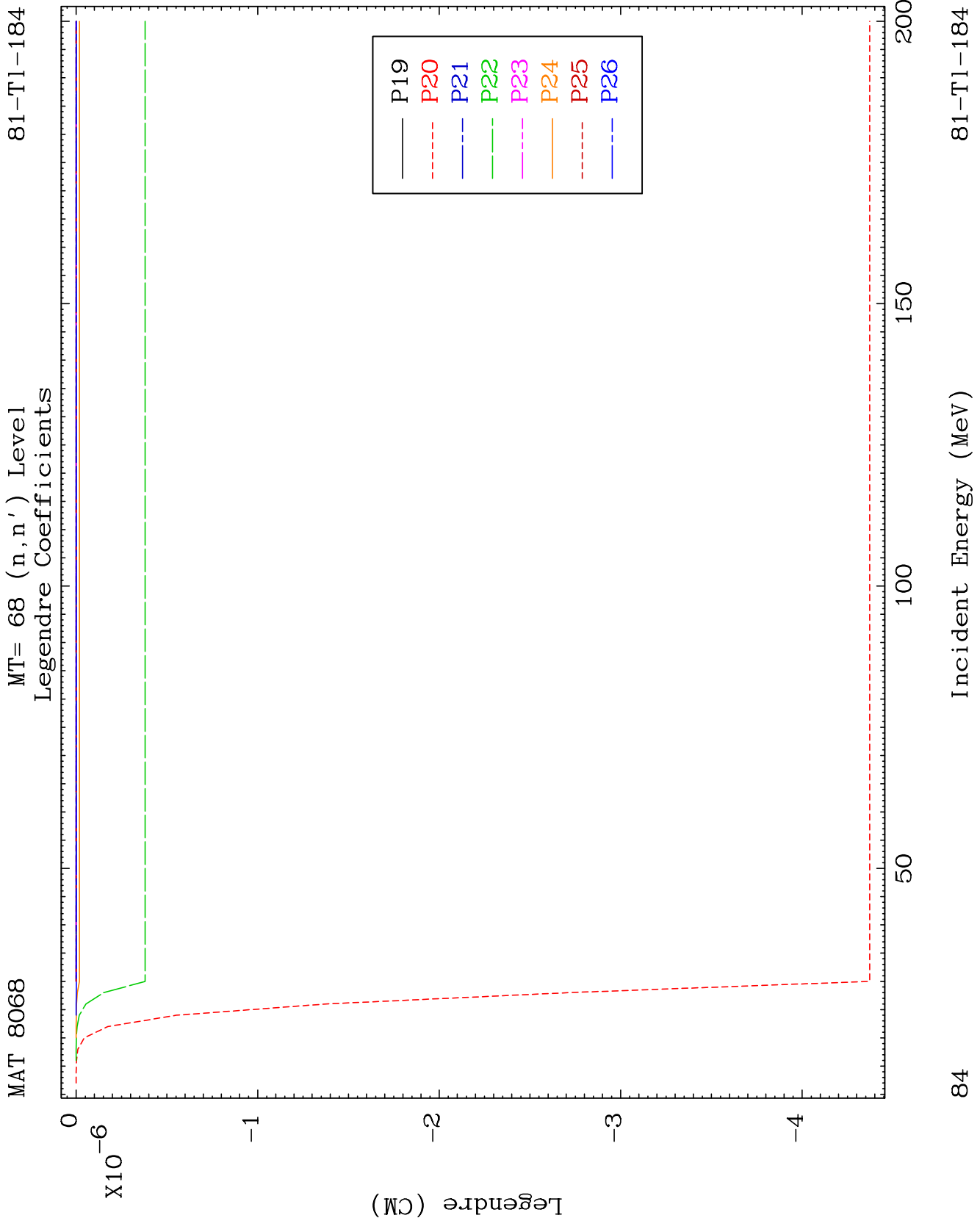
81-Tl-184







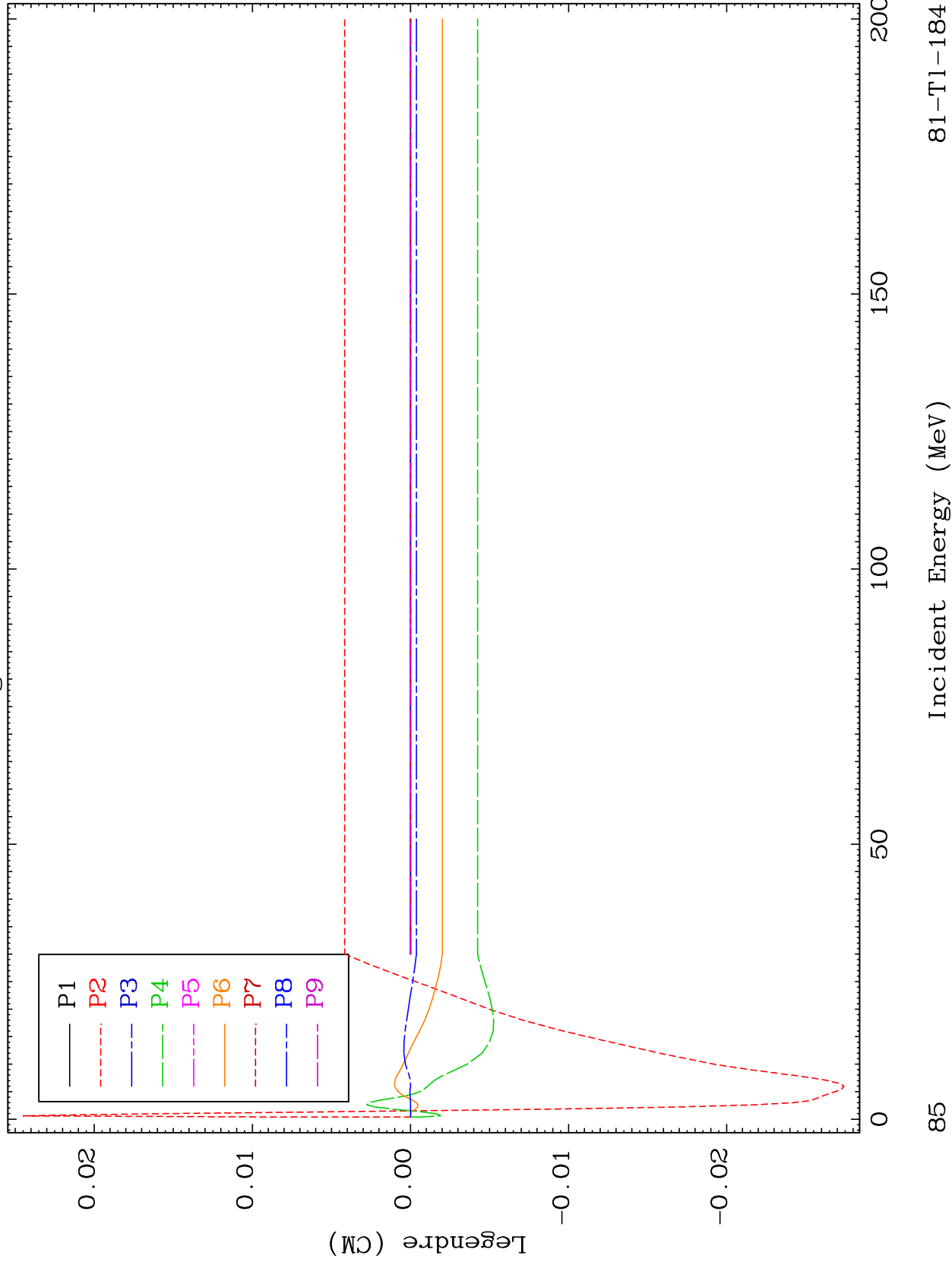




MAT 8068

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

81-Tl-184



81-Tl-184

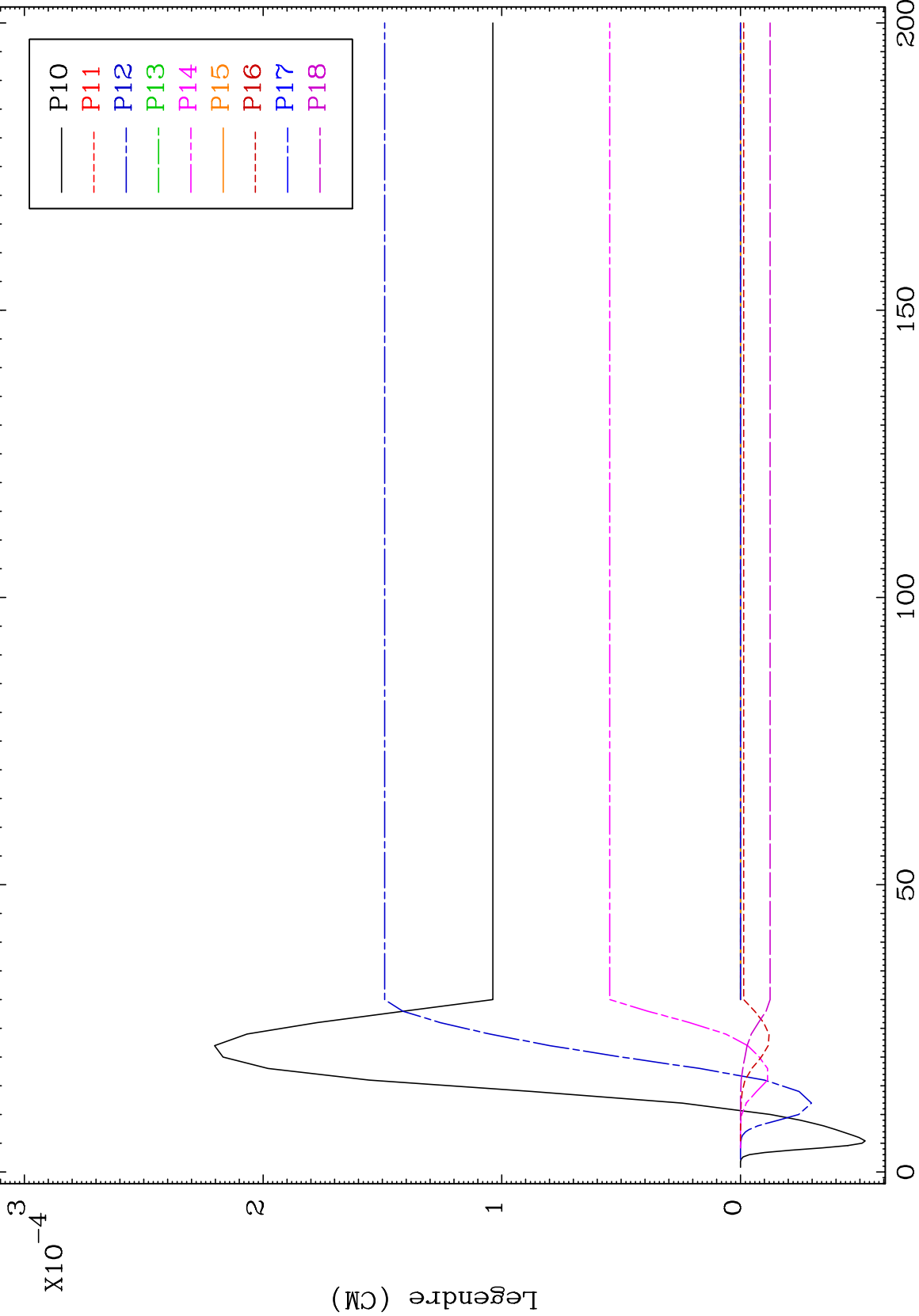
Incident Energy (MeV)

85

MAT 8068

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

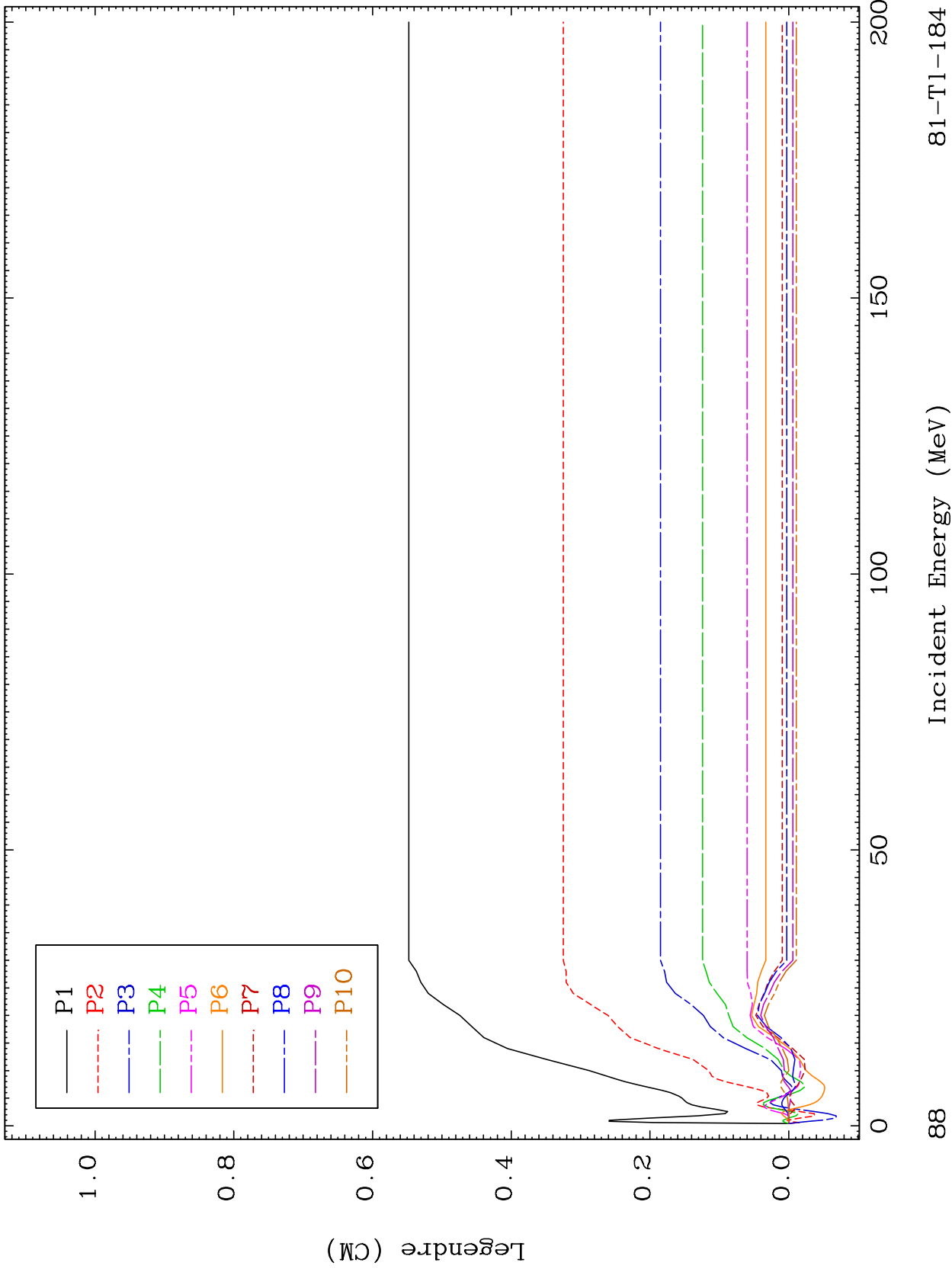
81-Tl-184



86

Incident Energy (MeV)

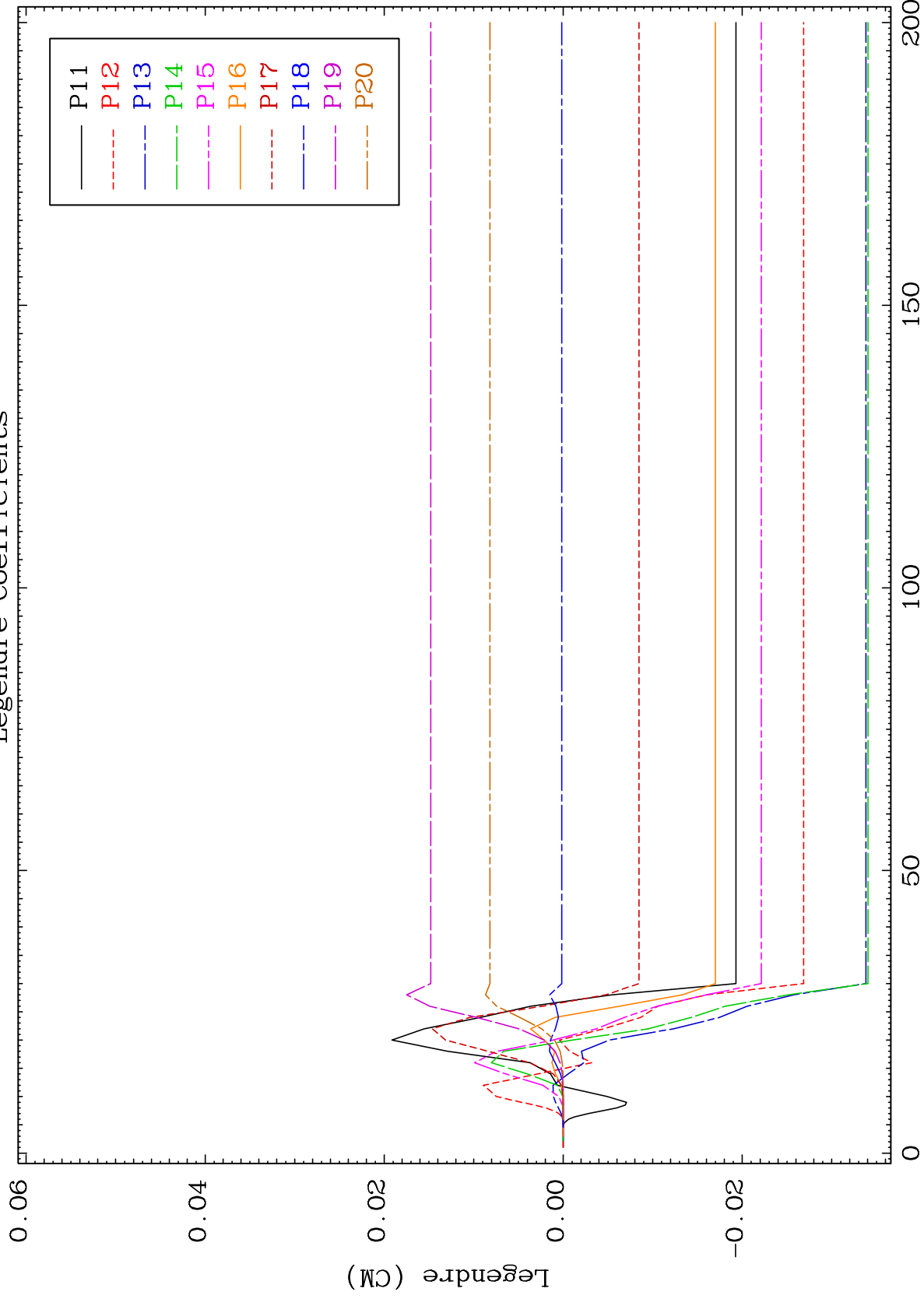
81-Tl-184



MAT 8068

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

81-Tl-184



89

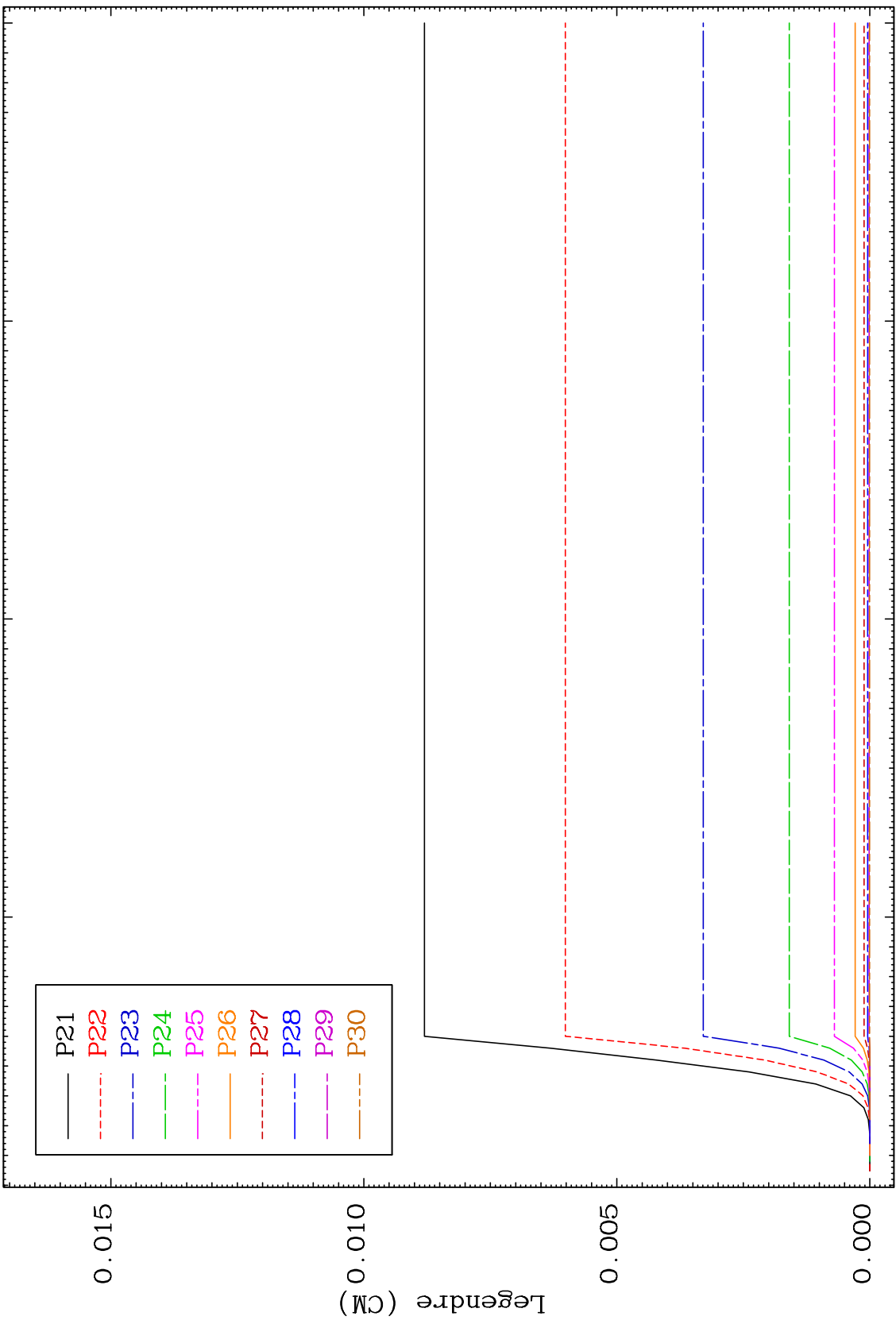
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

81-Tl-184



90

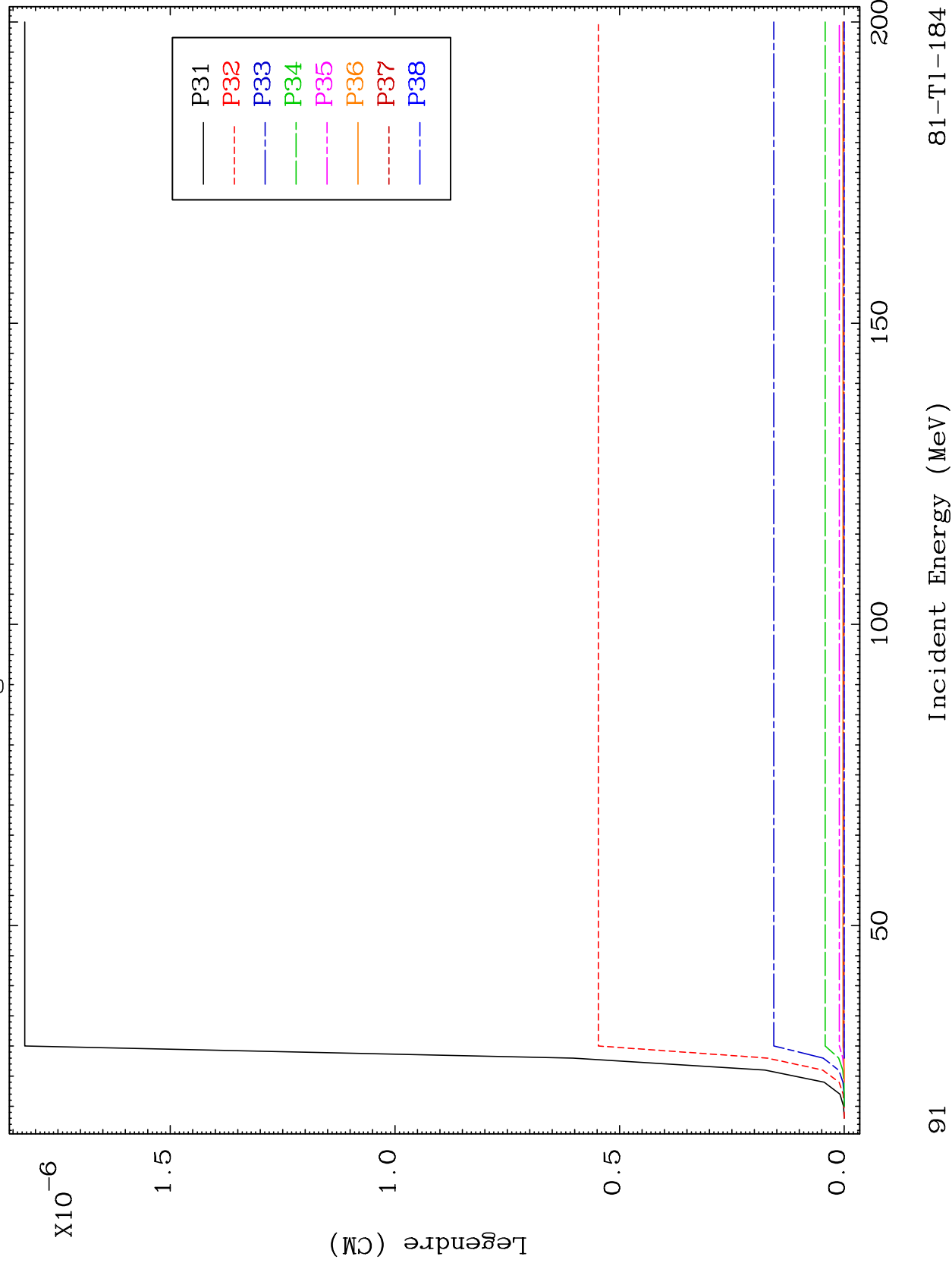
Incident Energy (MeV)

81-Tl-184

MAT 8068

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

81-Tl-184



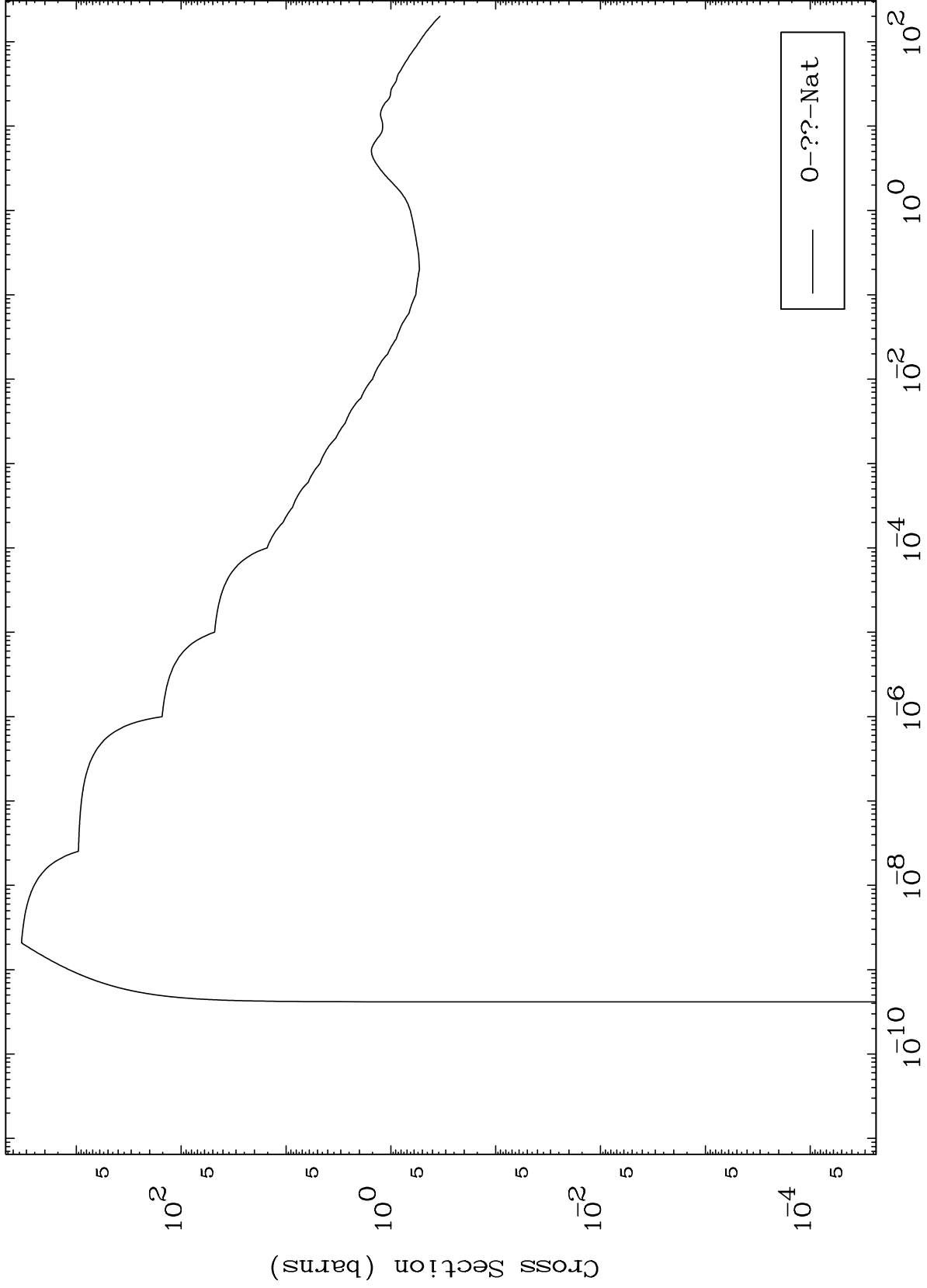
91

MAT 8068

Fission

81-Tl-184

Radionuclide Production Cross Section



92

Incident Energy (MeV)

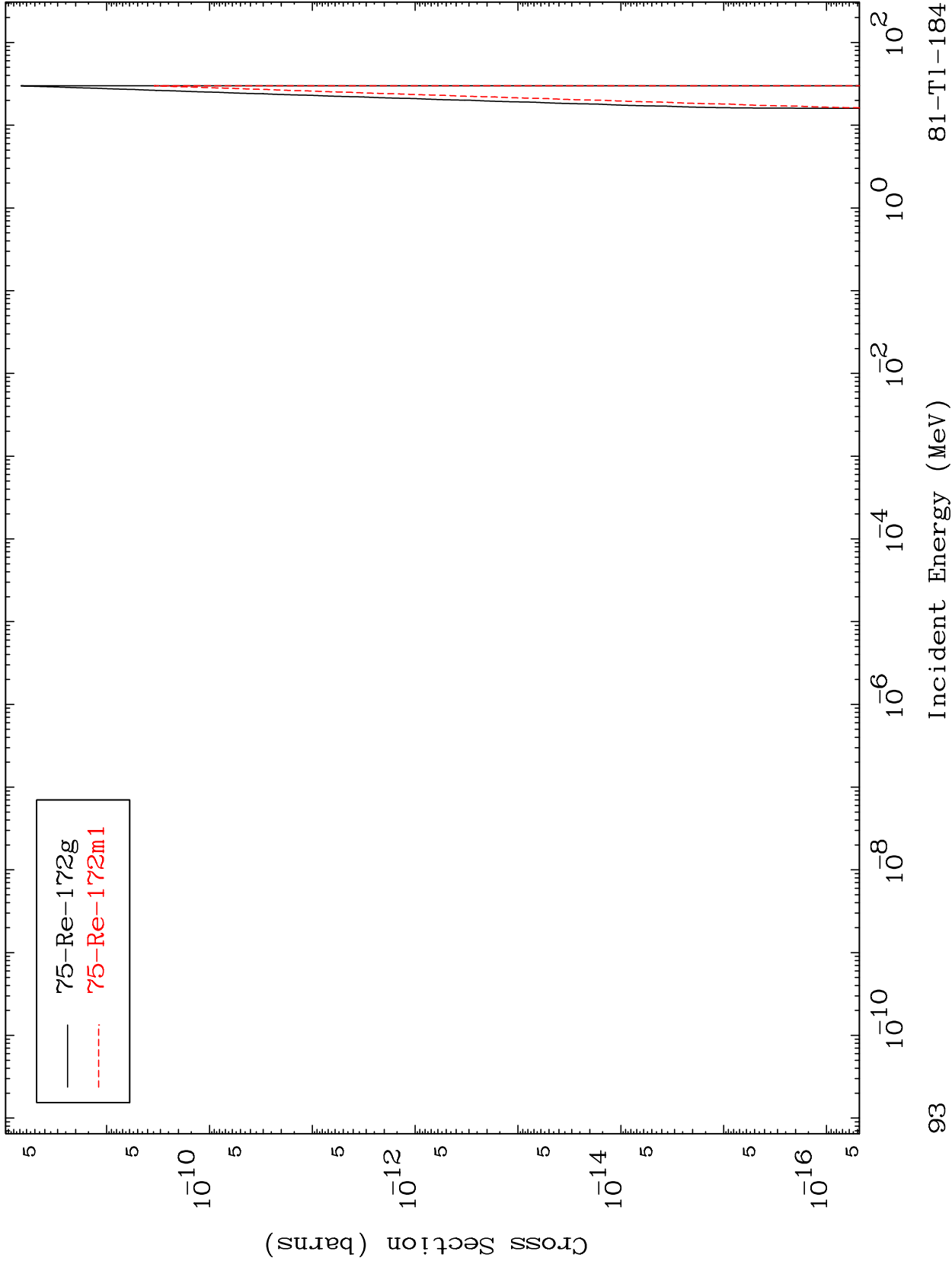
81-Tl-184

MAT 8068

(n,n') 3 α

81-Tl-184

Radionuclide Production Cross Section

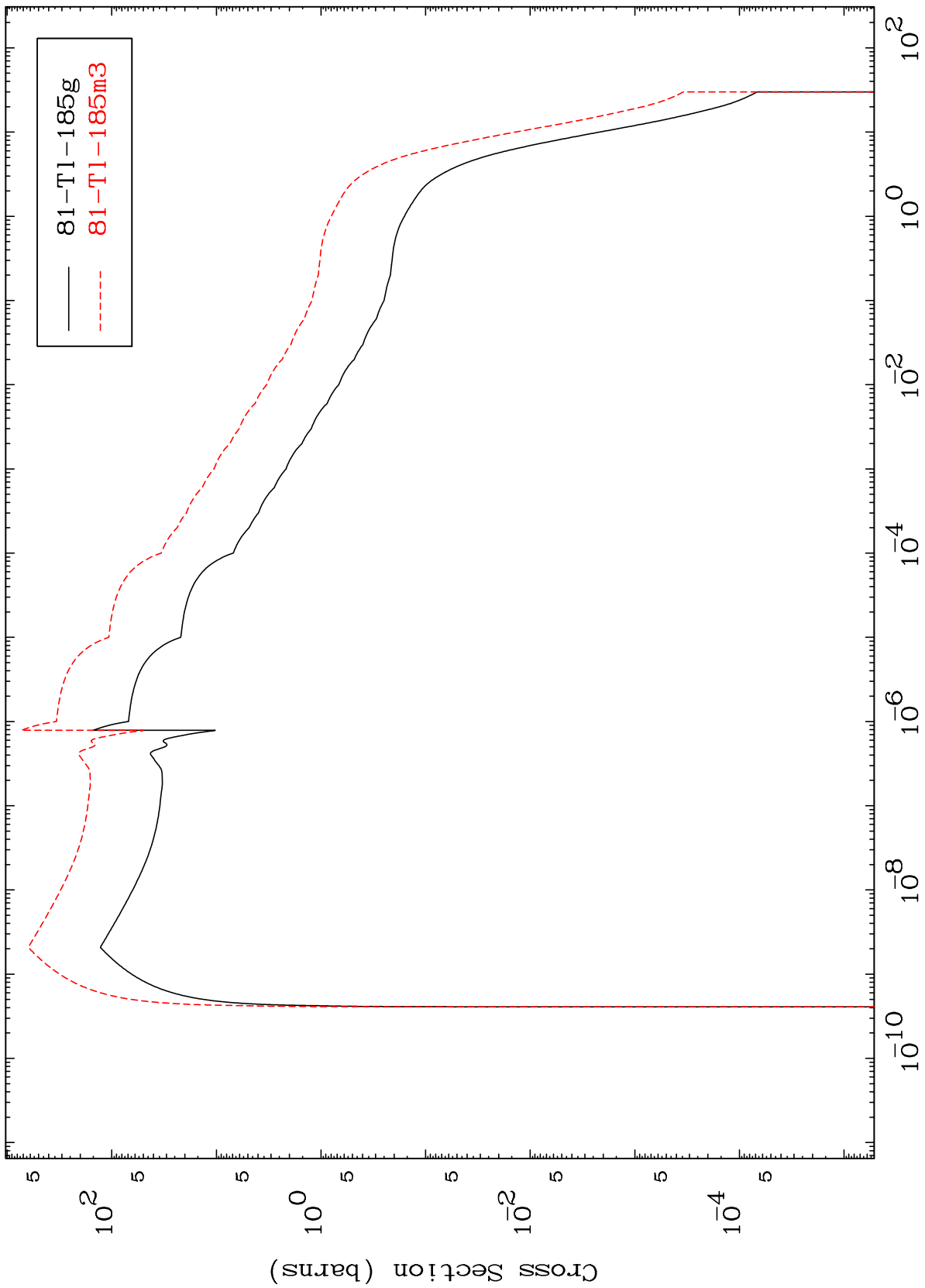


MAT 8068

81-Tl-184

Radionuclide Production Cross Section

(n, γ)



94

81-Tl-184

Incident Energy (MeV)