

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

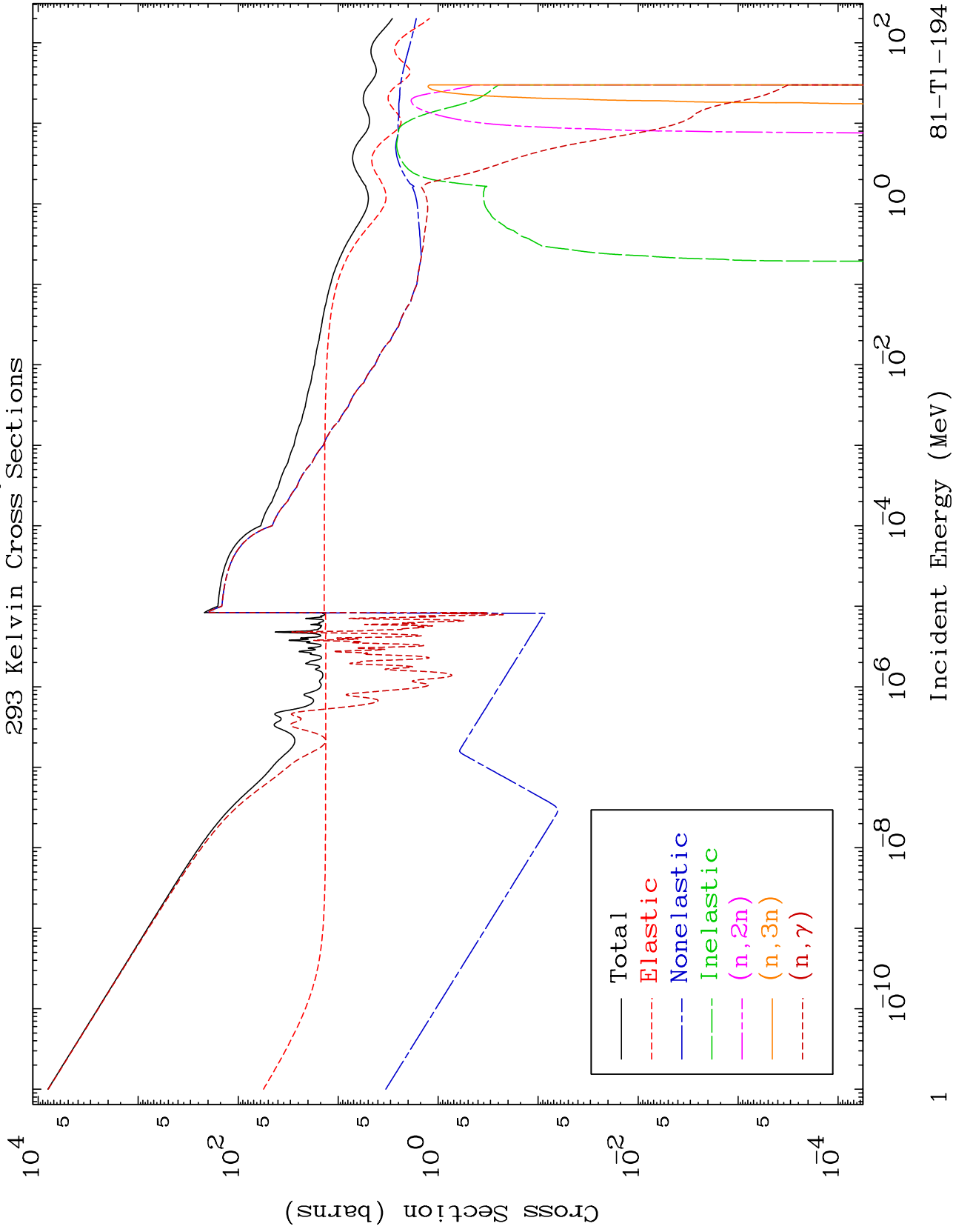
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8098

Neutron Major
293 Kelvin Cross Sections

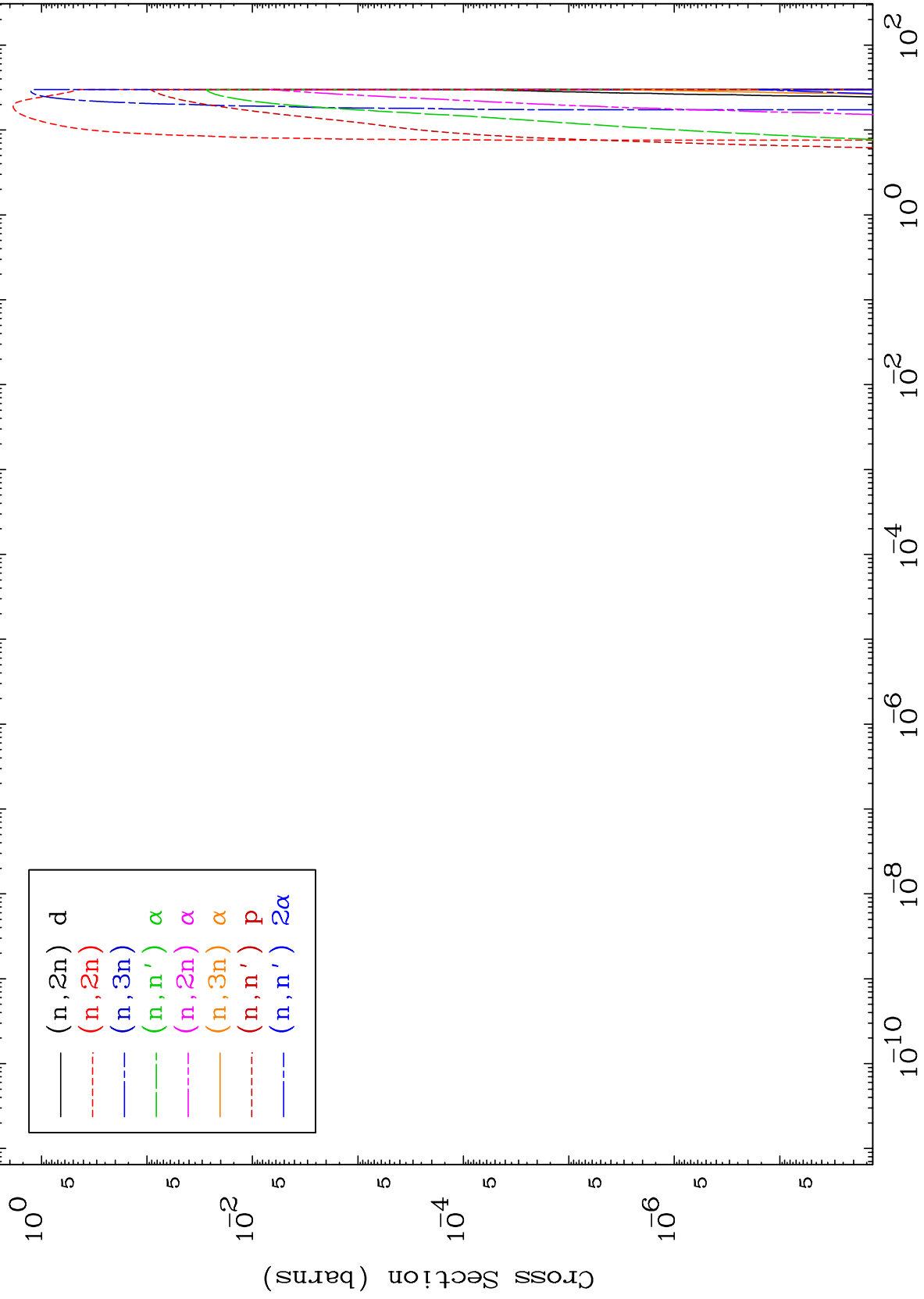
81-Tl-194



MAT 8098

Neutron Absorption
293 Kelvin Cross Sections

81-Tl-194



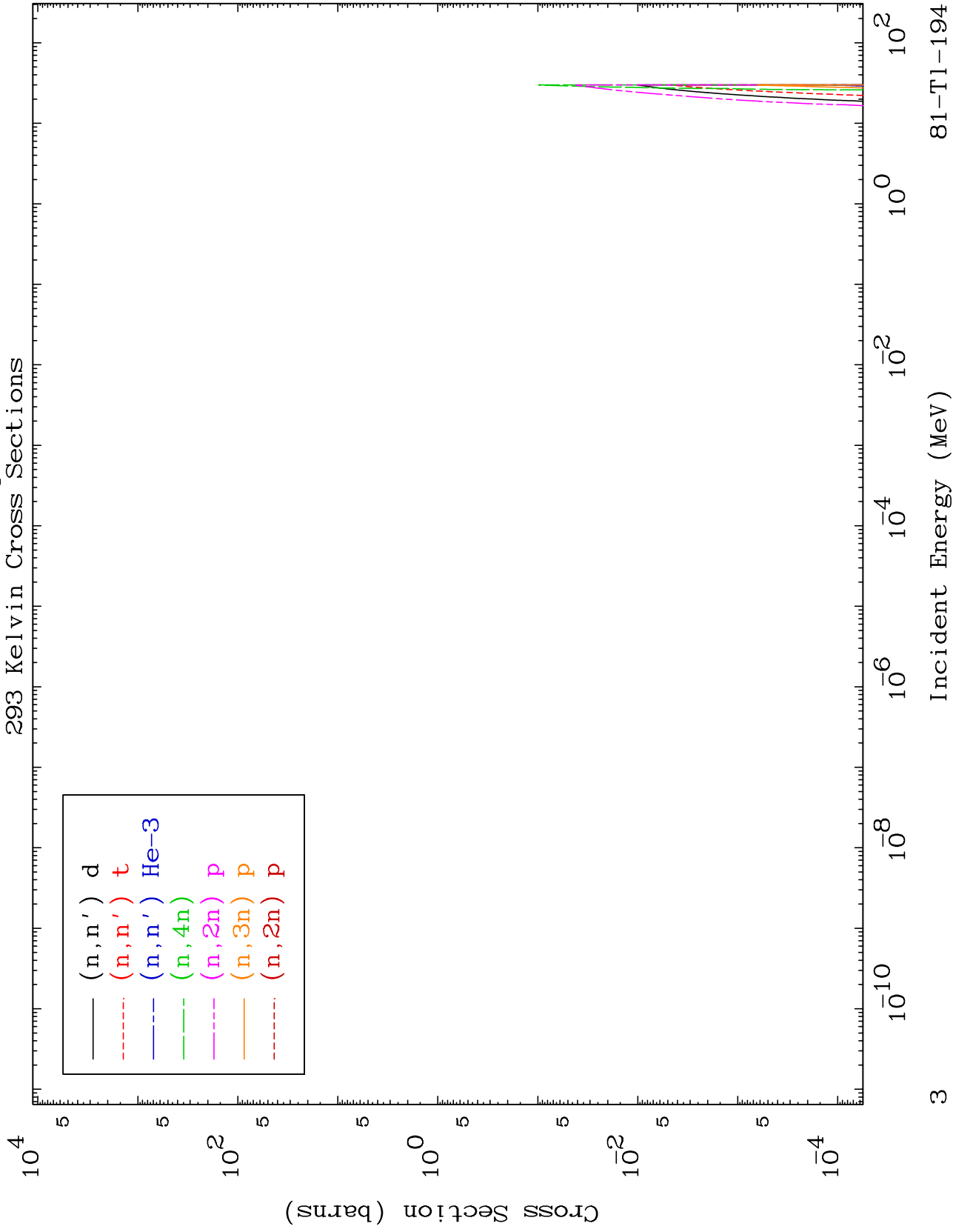
81-Tl-194

Incident Energy (MeV)

MAT 8098

Neutron Absorption
293 Kelvin Cross Sections

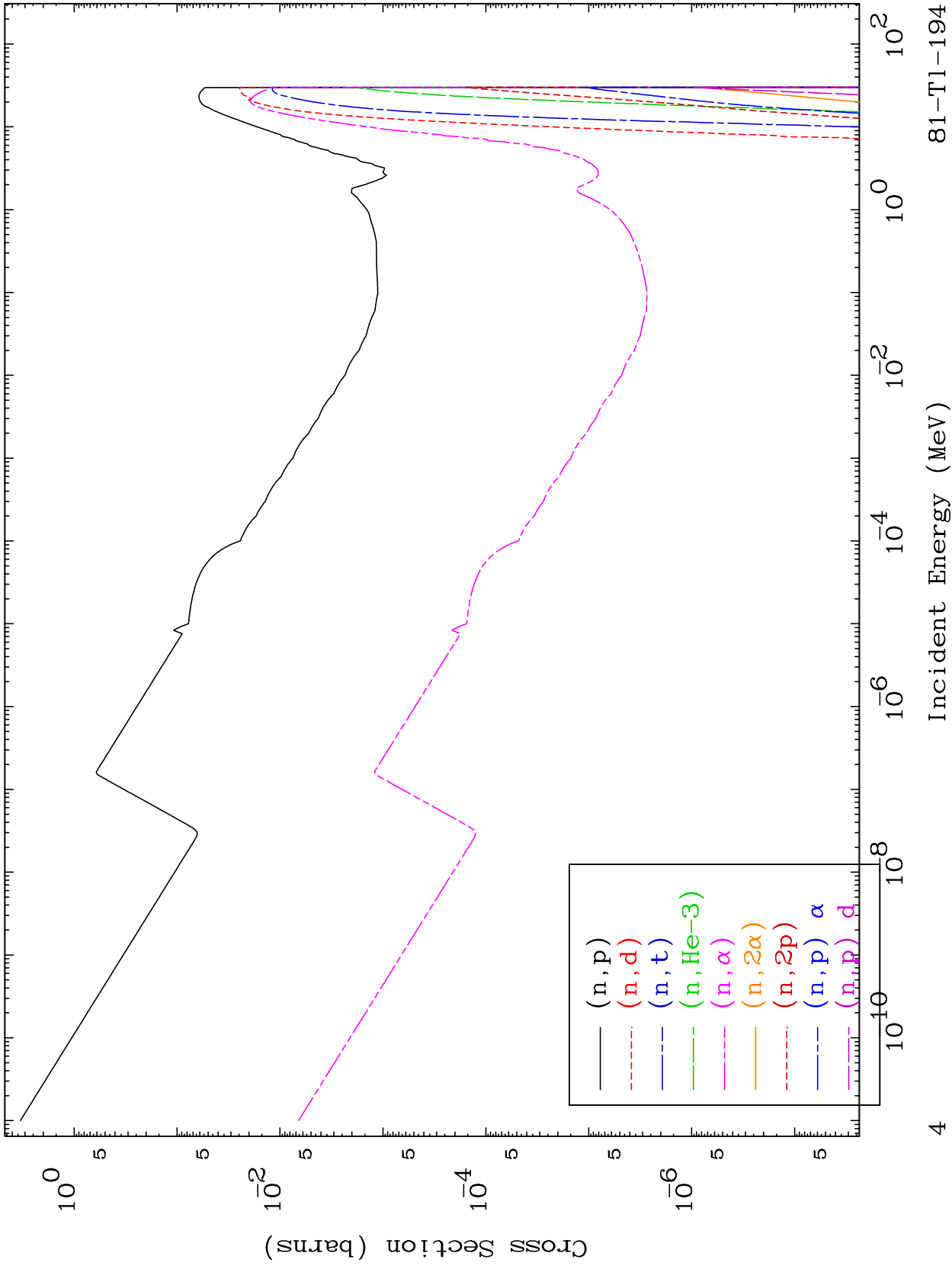
81-Tl-194

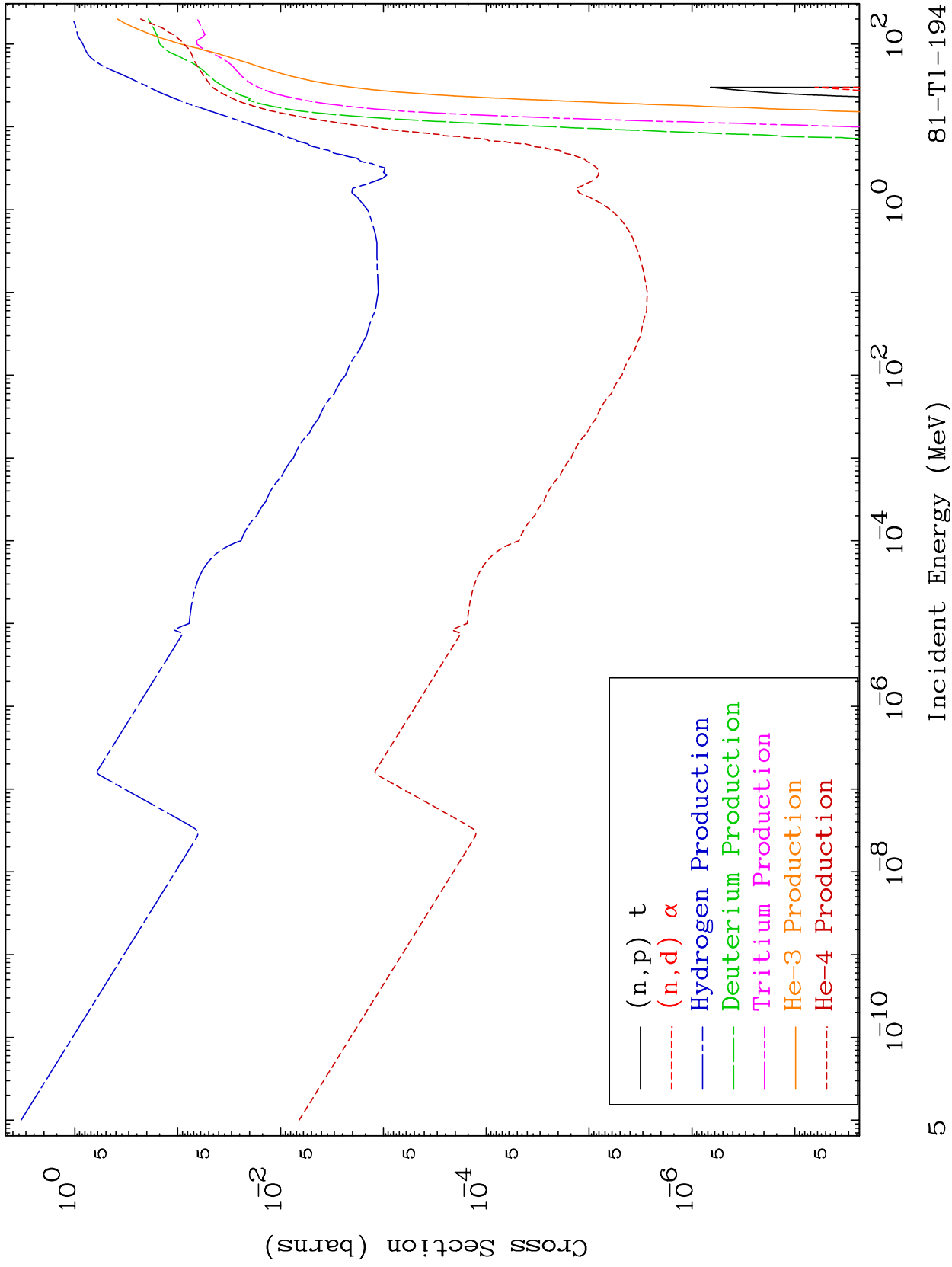


MAT 8098

Neutron Absorption
293 Kelvin Cross Sections

81-Tl-194

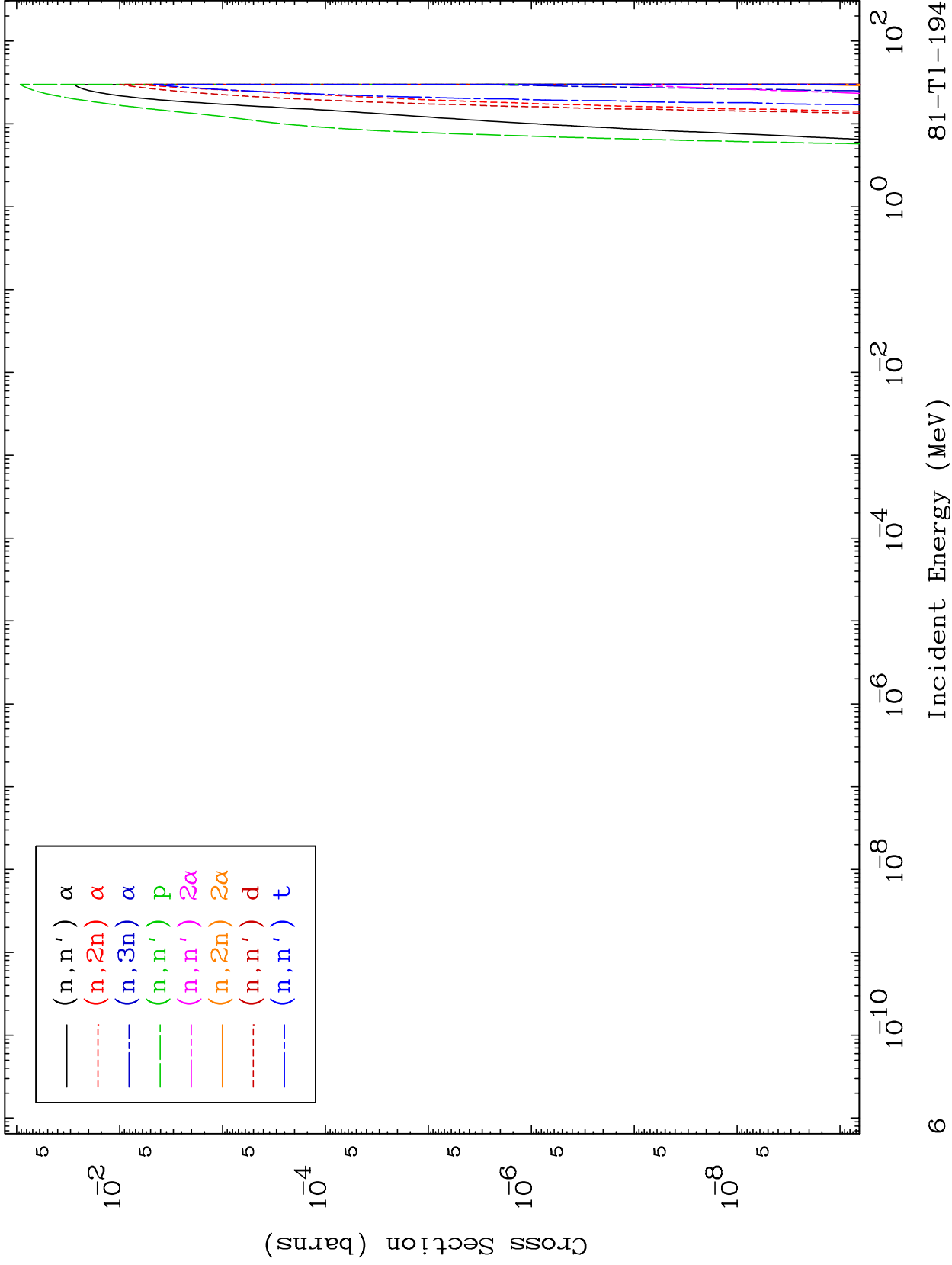




MAT 8098

Charged Particle
293 Kelvin Cross Sections

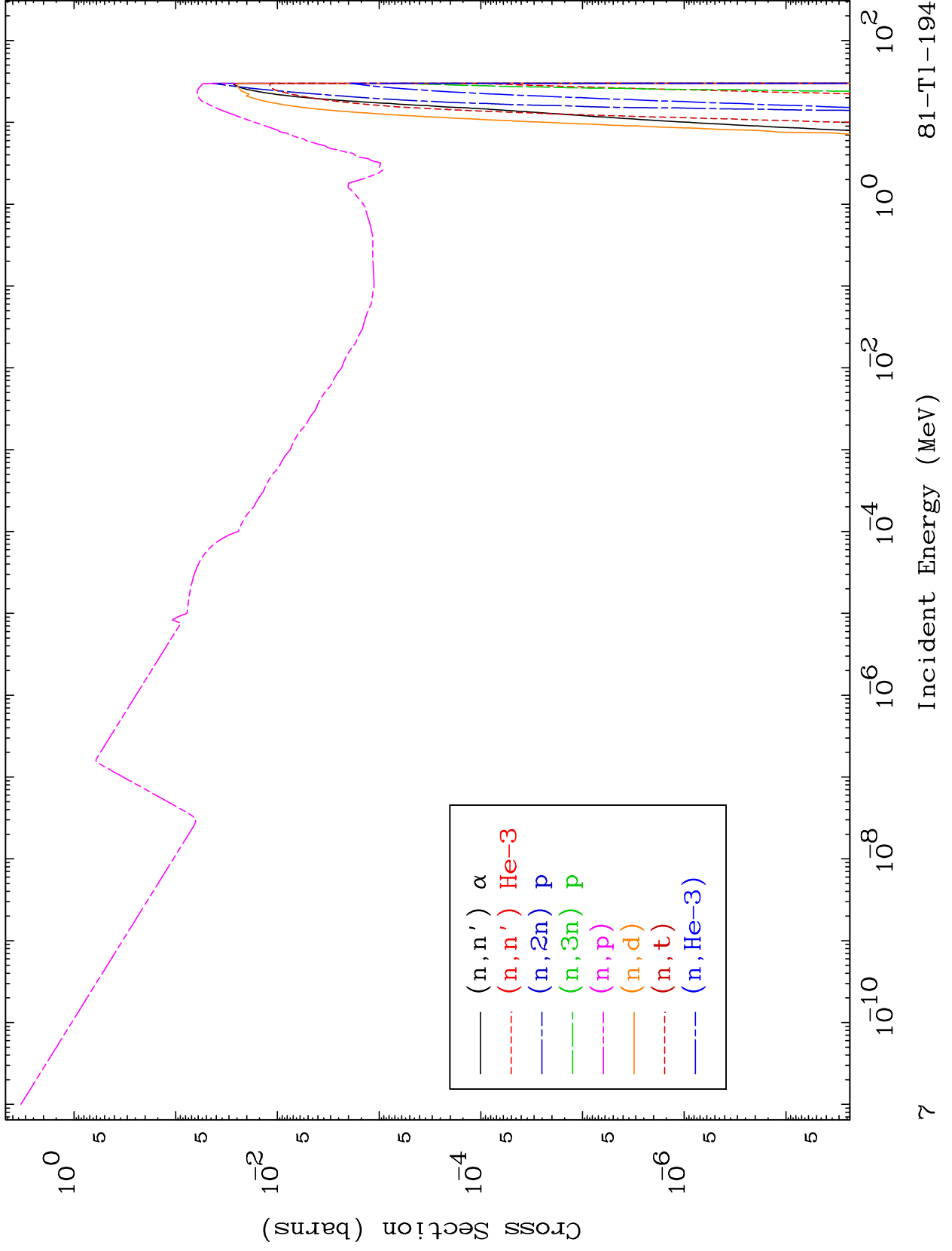
81-Tl-194



MAT 8098

Charged Particle
293 Kelvin Cross Sections

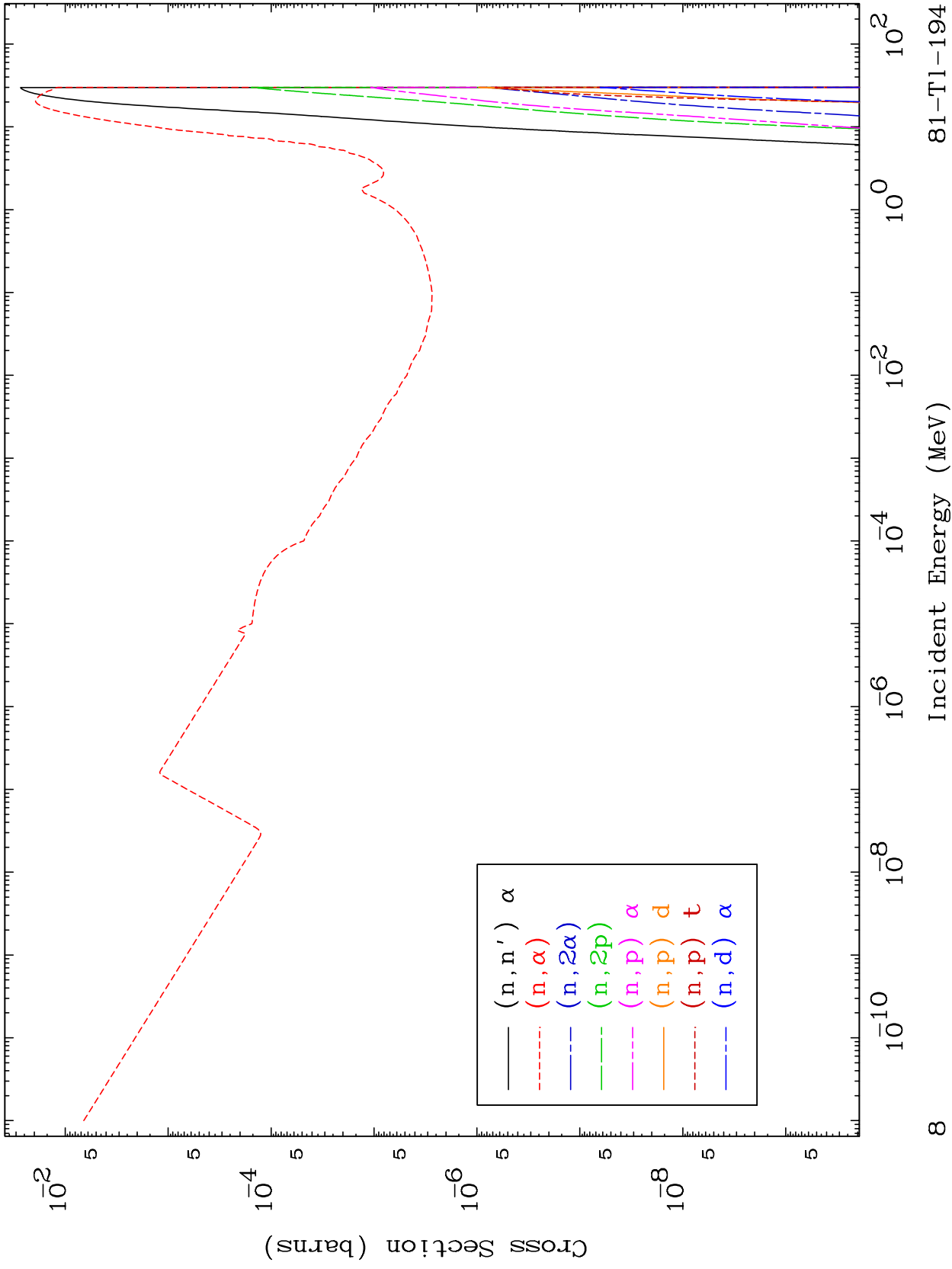
81-Tl-194

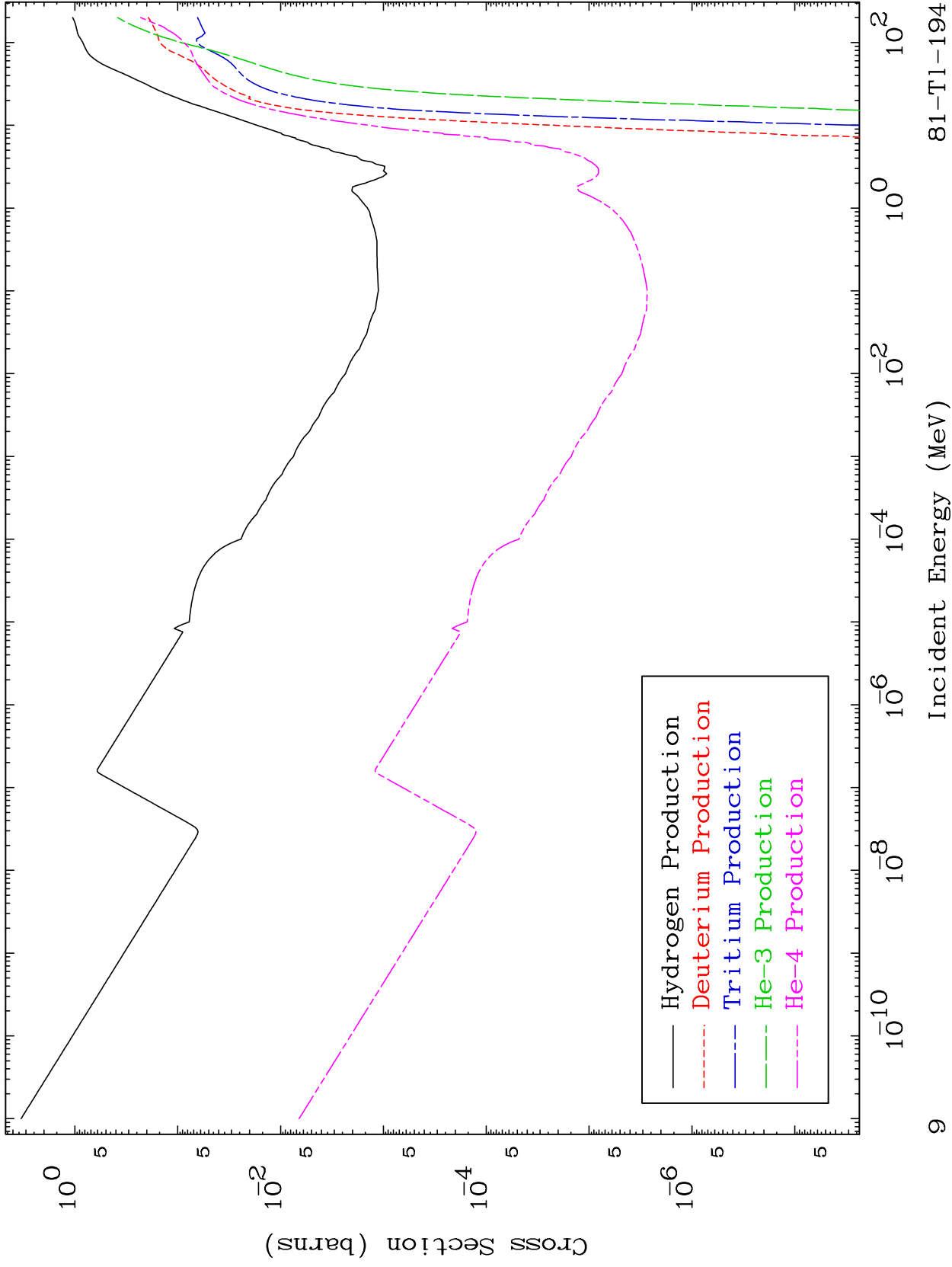


MAT 8098

Charged Particle
293 Kelvin Cross Sections

81-Tl-194



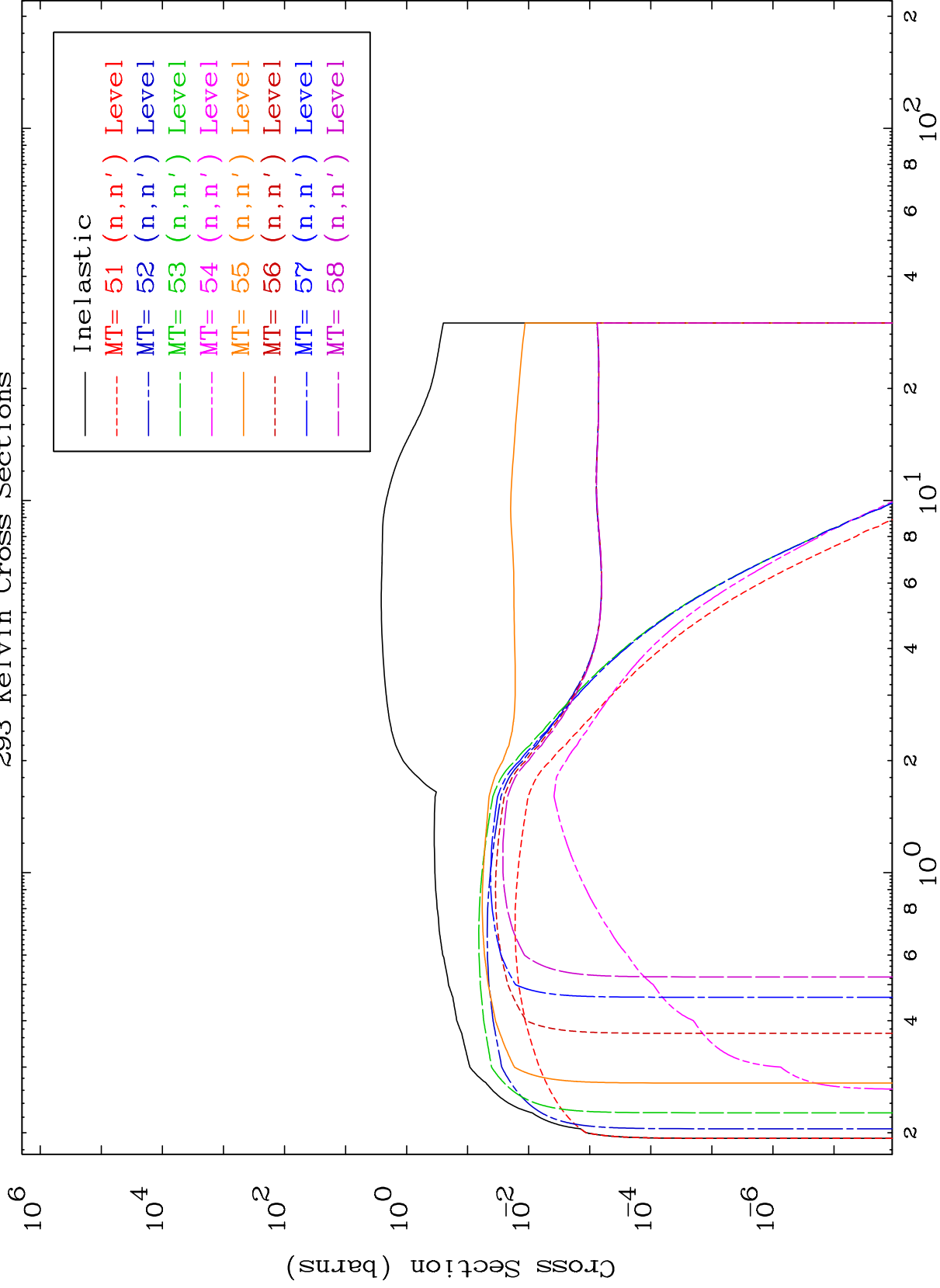


MAT 8098

(n,n') Levels

81-Tl-194

293 Kelvin Cross Sections

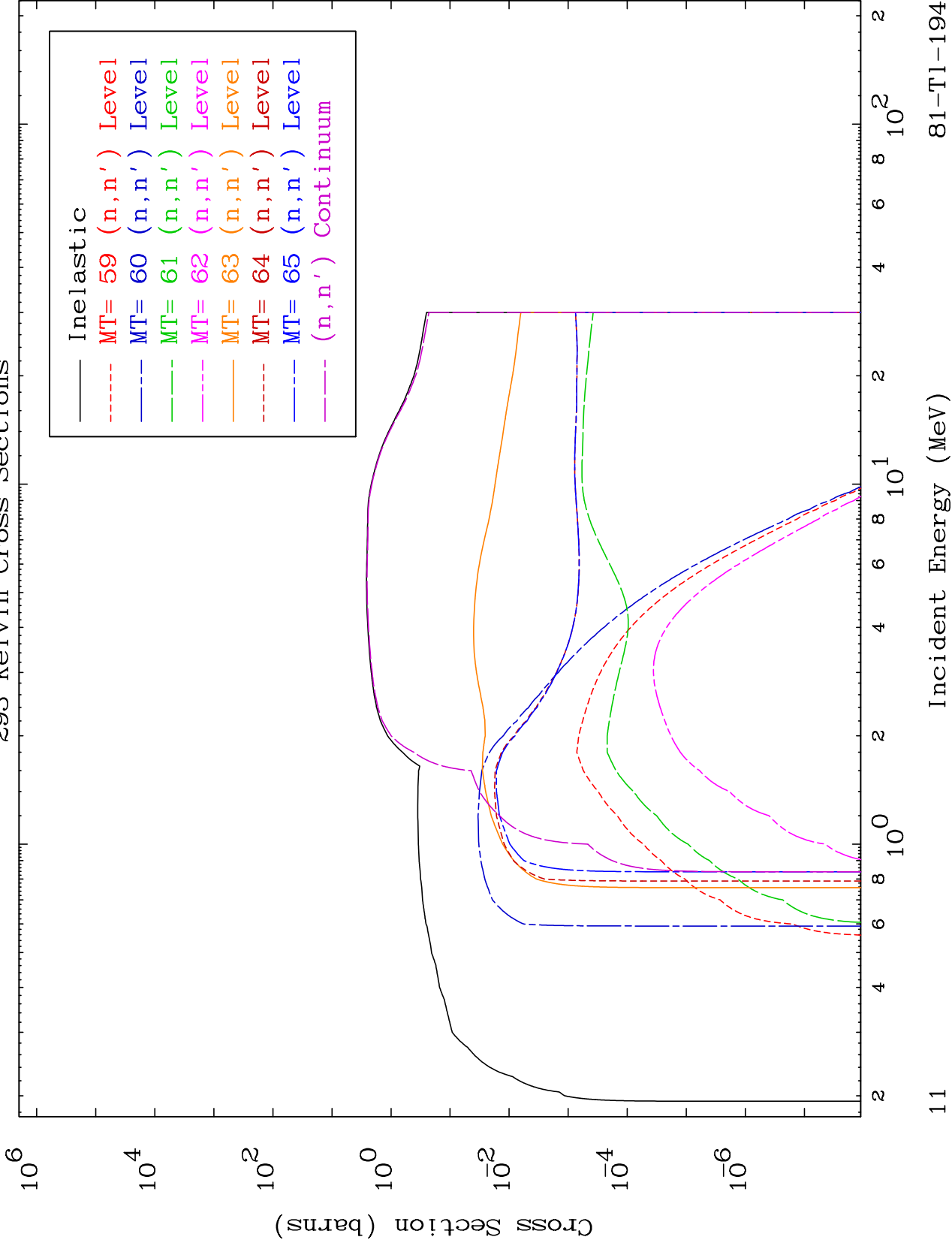


10

Incident Energy (MeV)

81-Tl-194

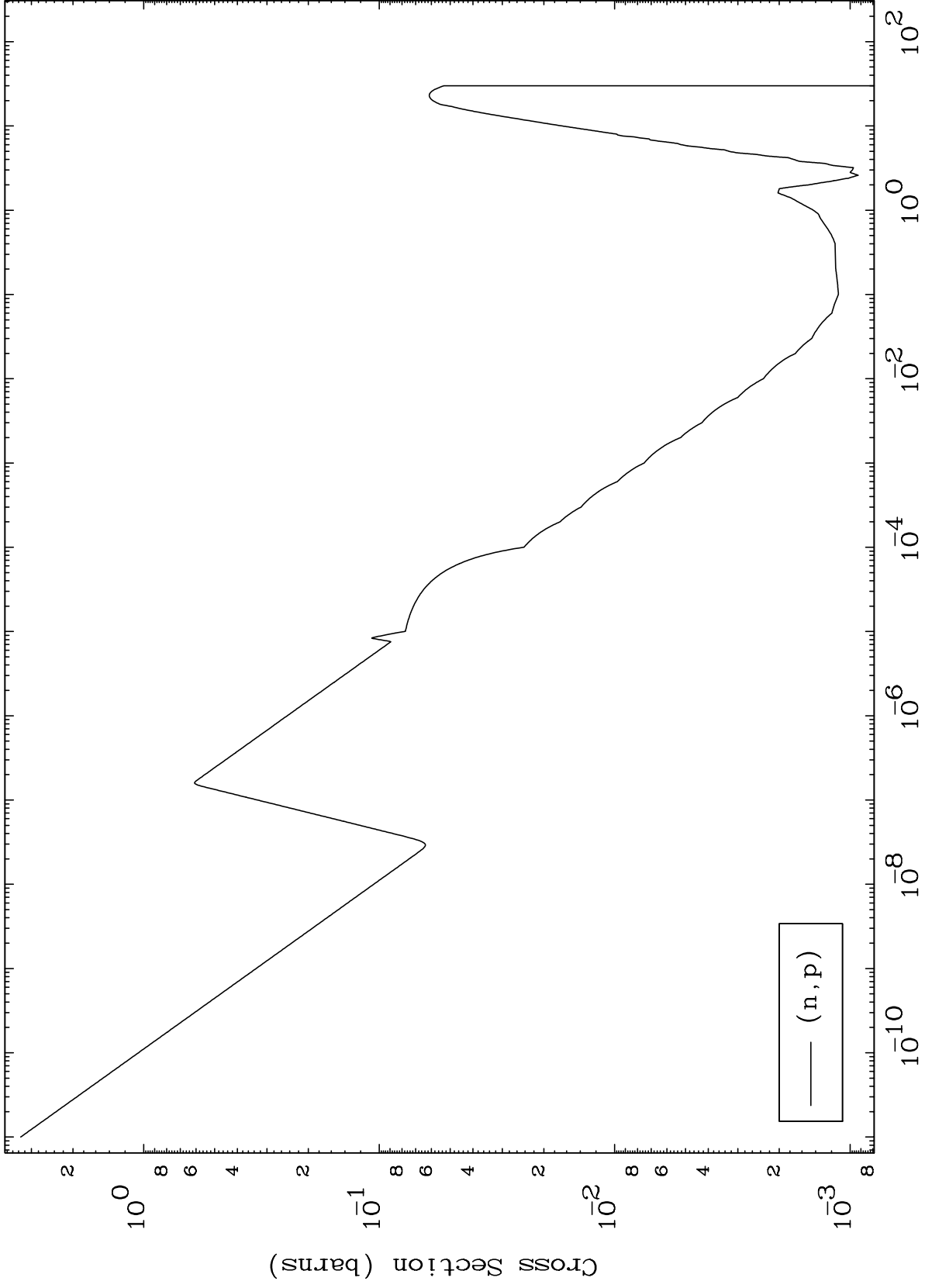
293 Kelvin Cross Sections



MAT 8098

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-194



12

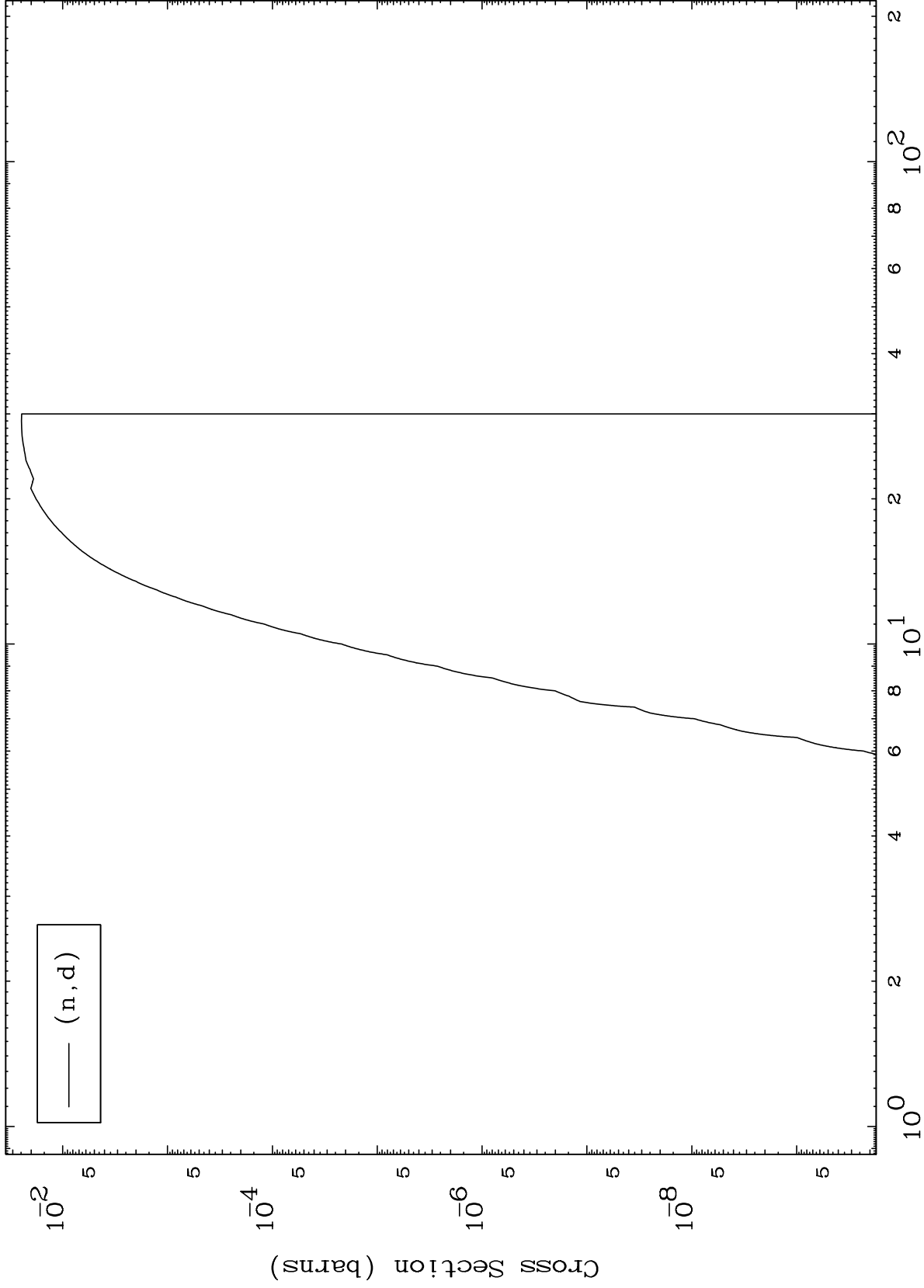
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-194



13

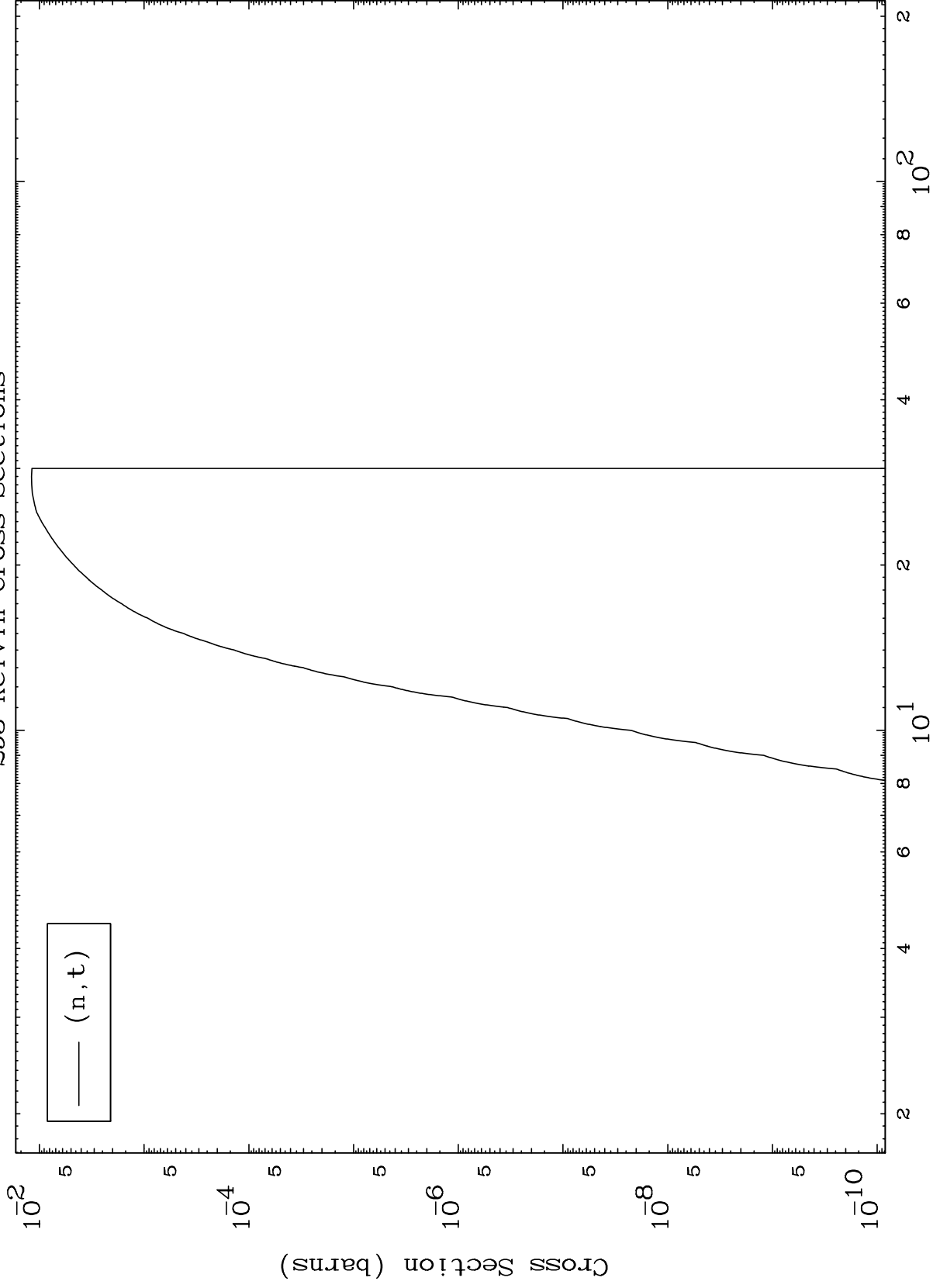
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-194



14

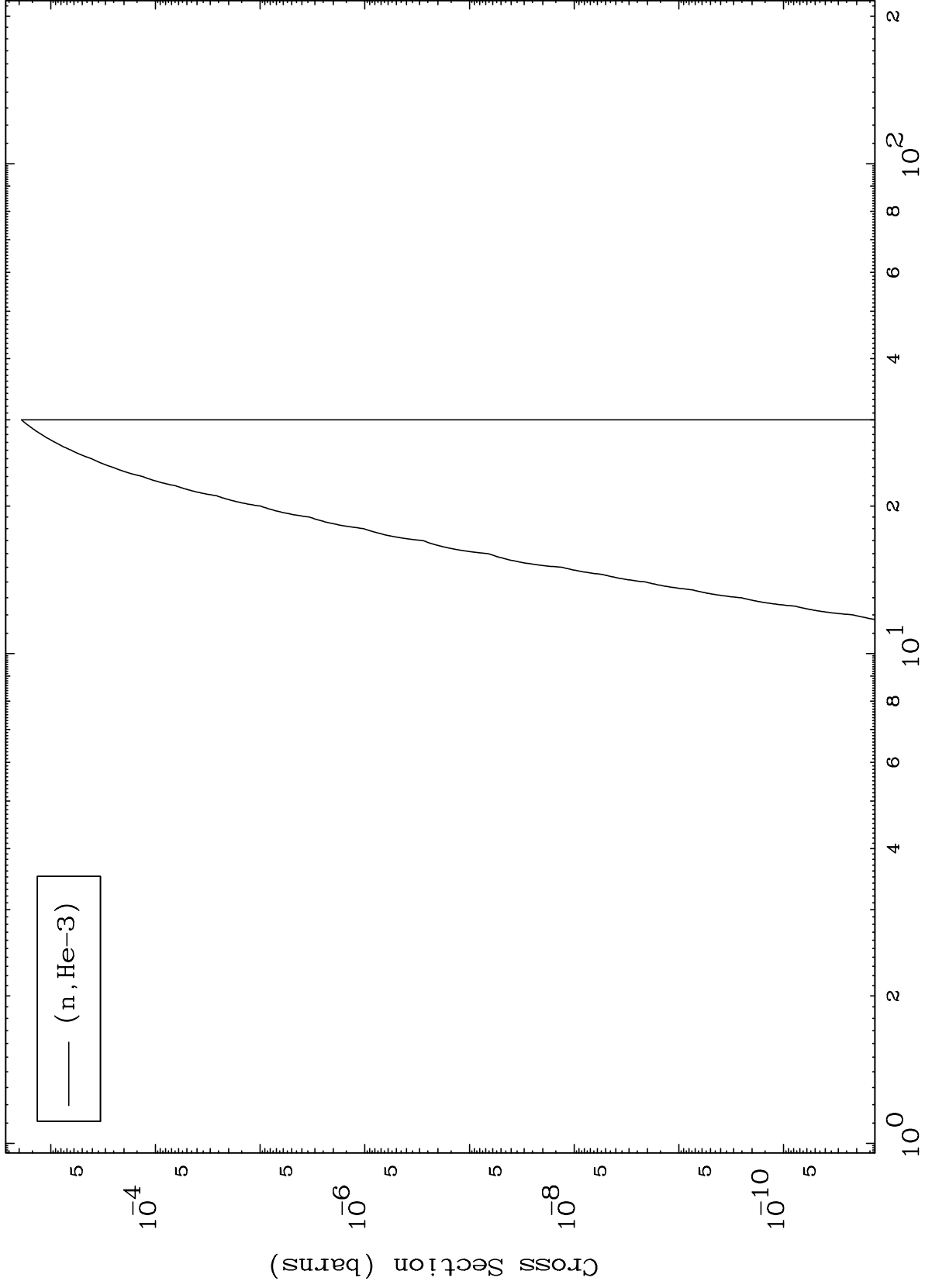
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n,He3) Levels
293 Kelvin Cross Sections

81-Tl-194



15

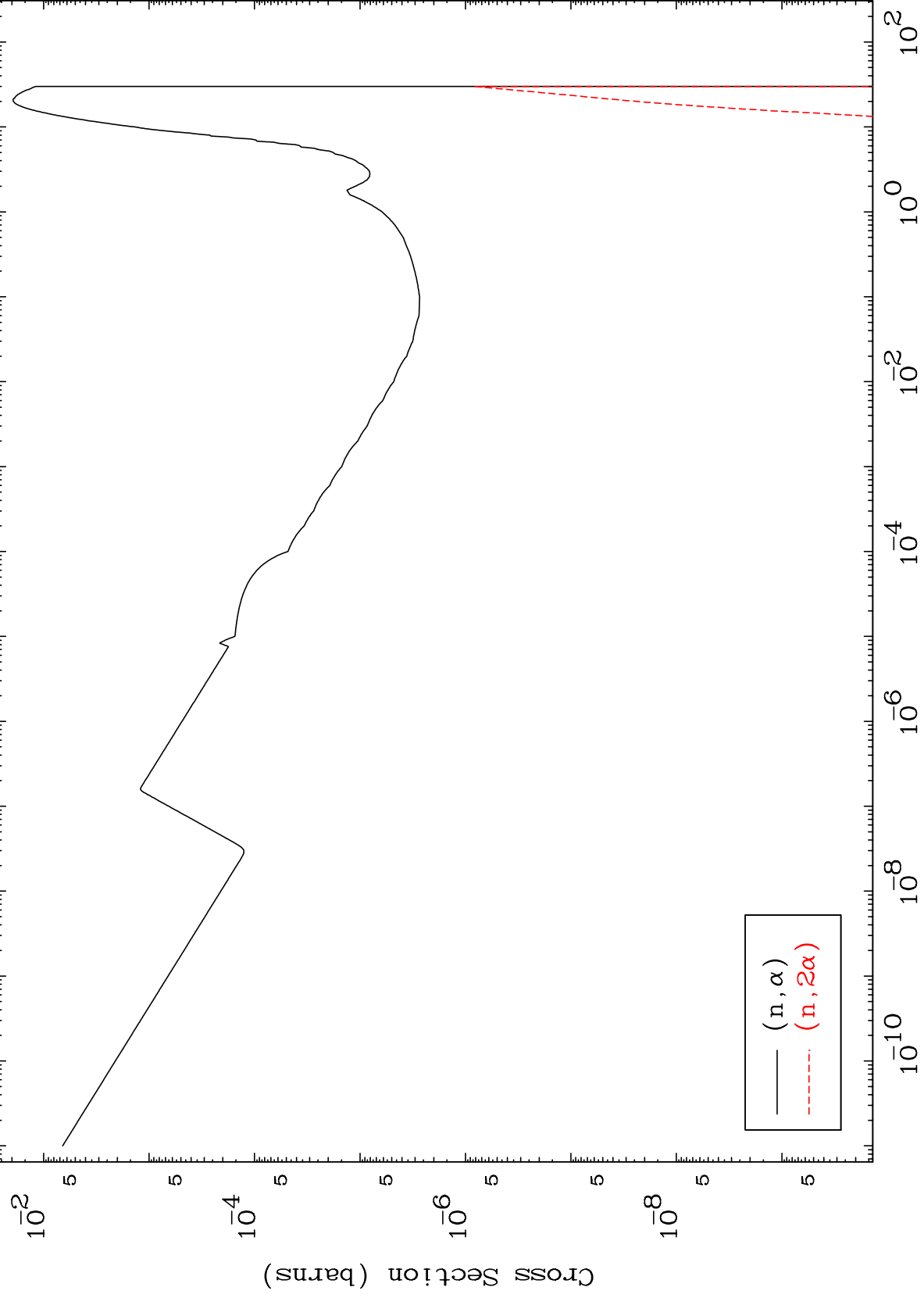
Incident Energy (MeV)

81-Tl-194

MAT 8098

(n, α) Levels
293 Kelvin Cross Sections

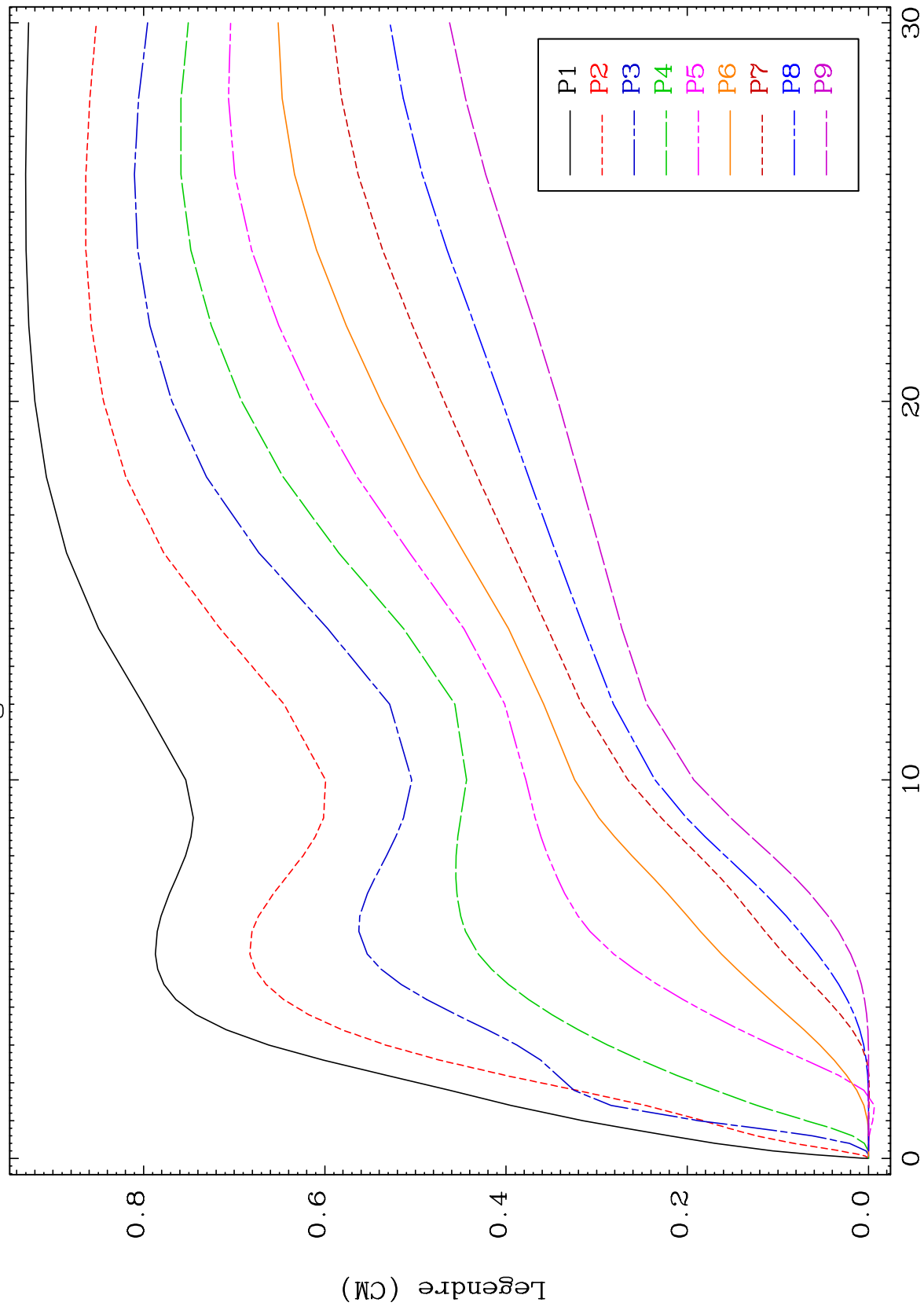
81-Tl-194



MAT 8098

Elastic Legendre Coefficients

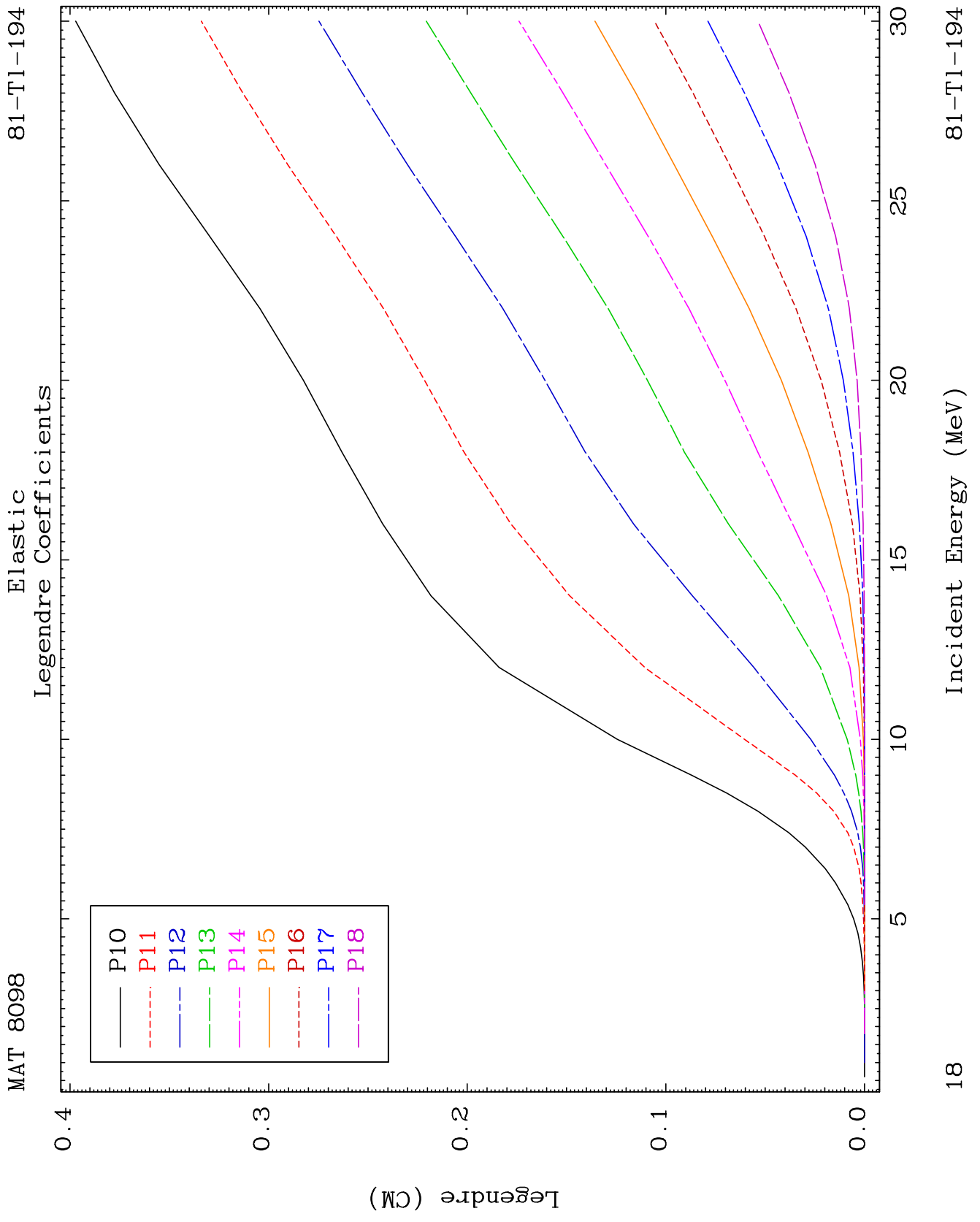
81-Tl-194



17

Incident Energy (MeV)

81-Tl-194



81-Tl-194

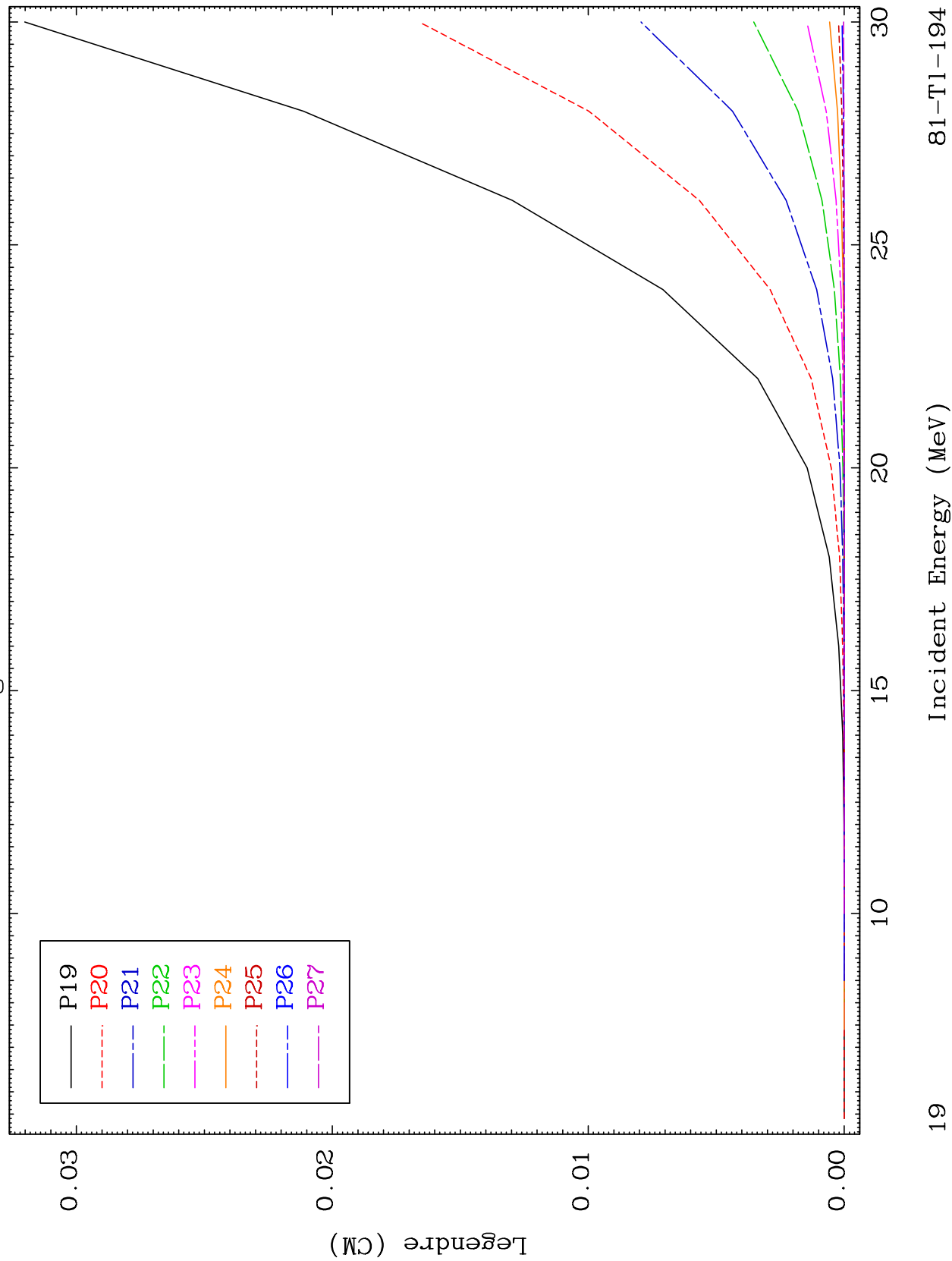
81-Tl-194

18

MAT 8098

Elastic Legendre Coefficients

81-Tl-194

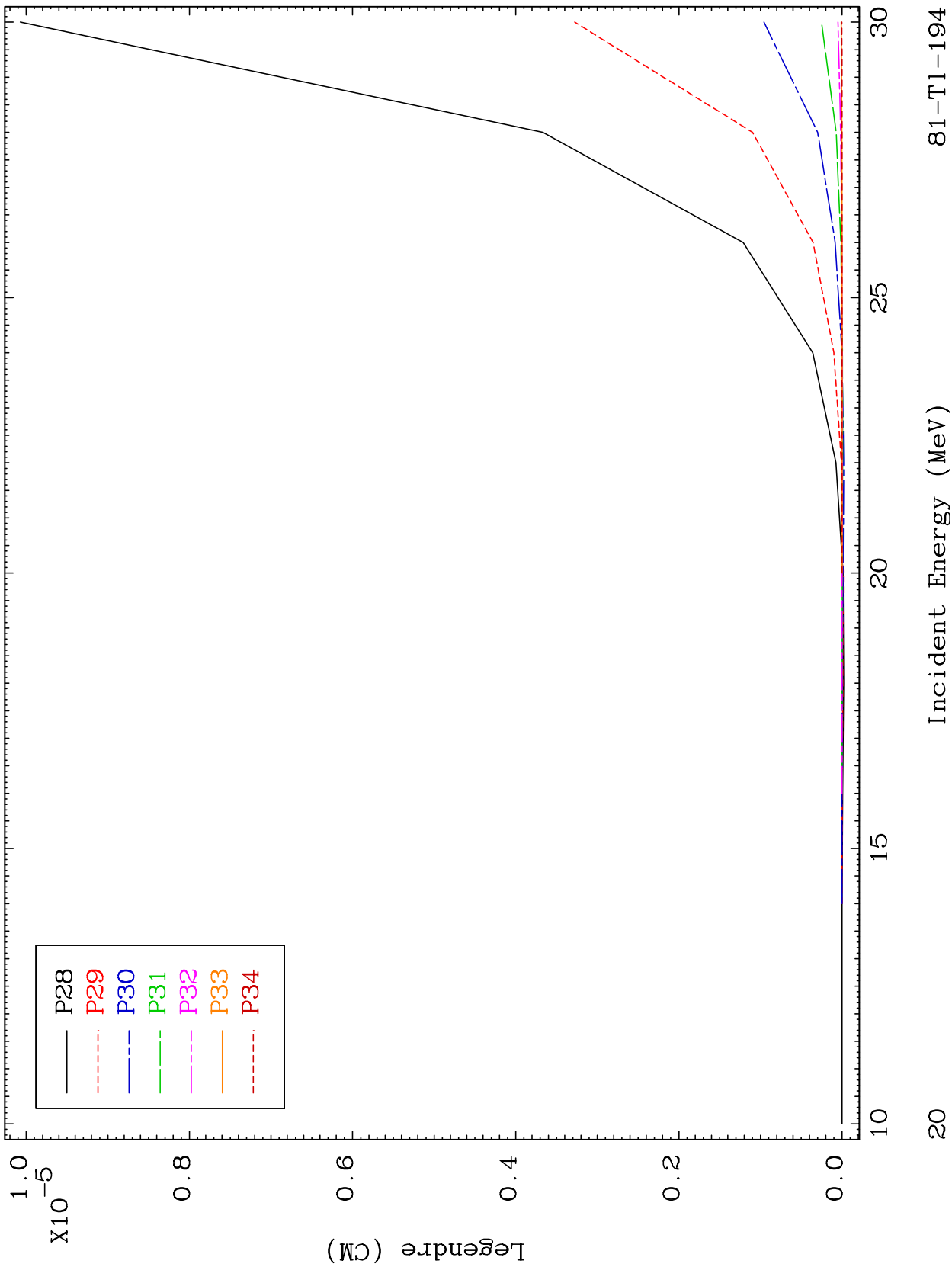


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 8098

Elastic
Legendre Coefficients

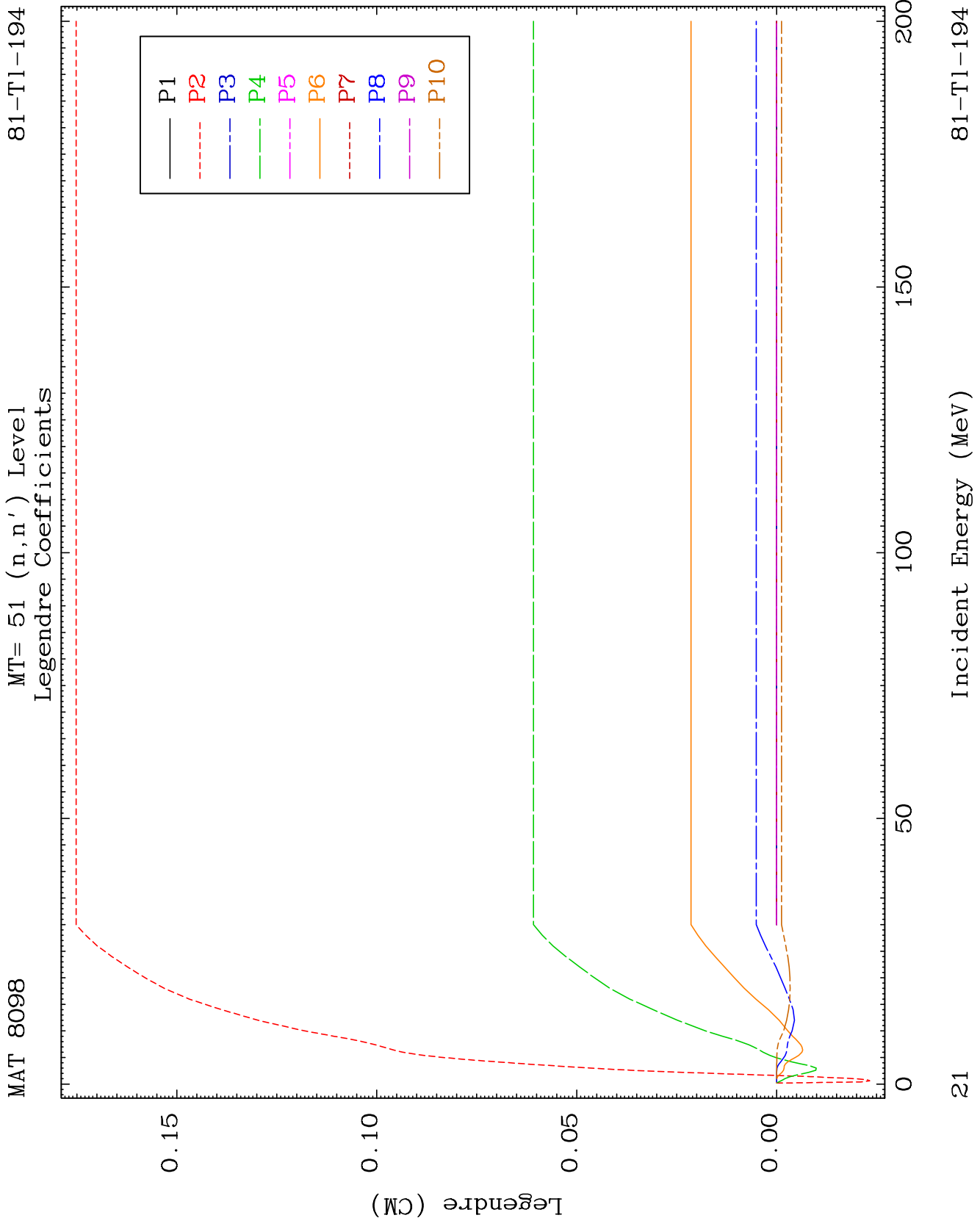
81-Tl-194



81-Tl-194

Incident Energy (MeV)

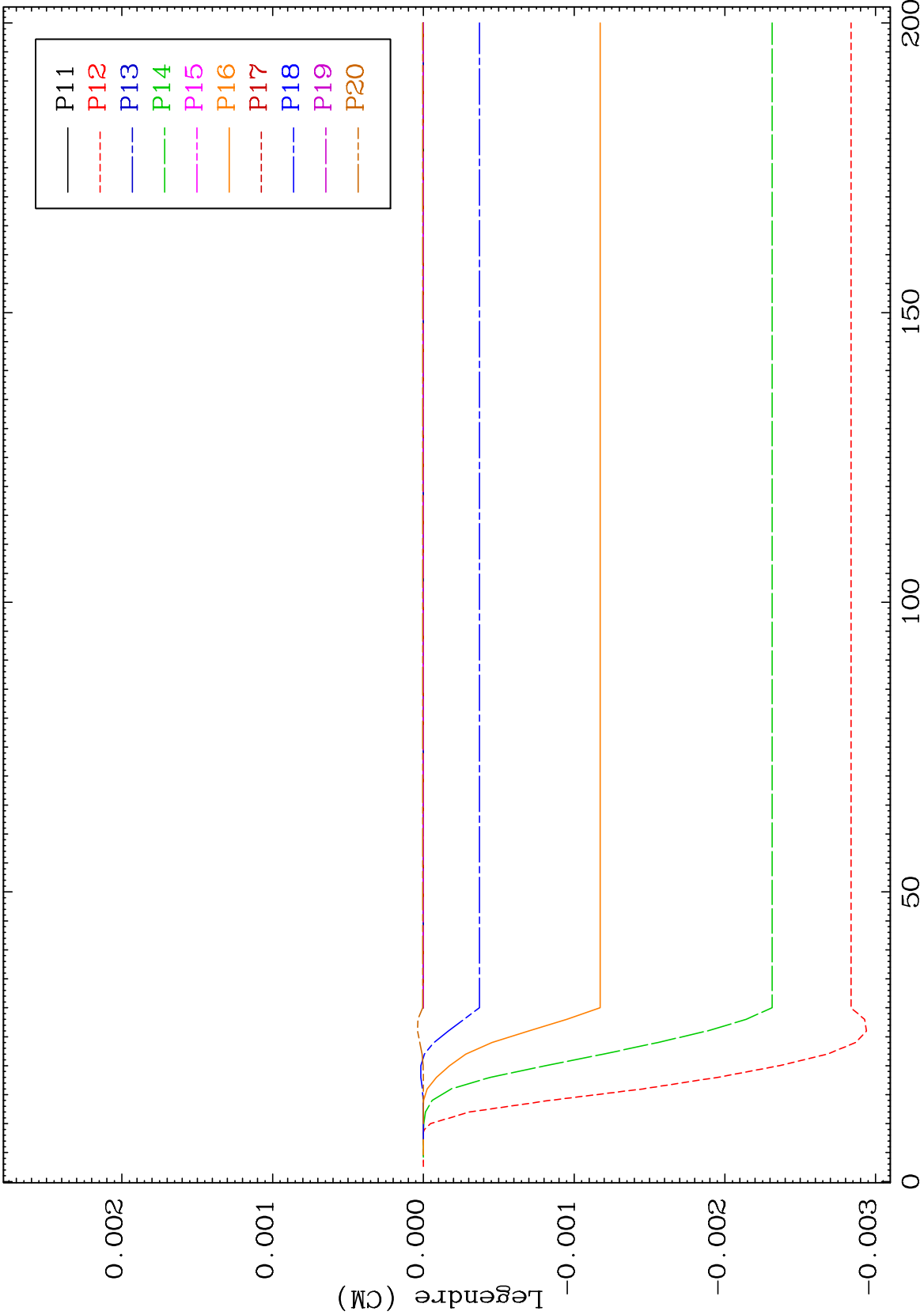
20



MAT 8098

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

81-Tl-194



22

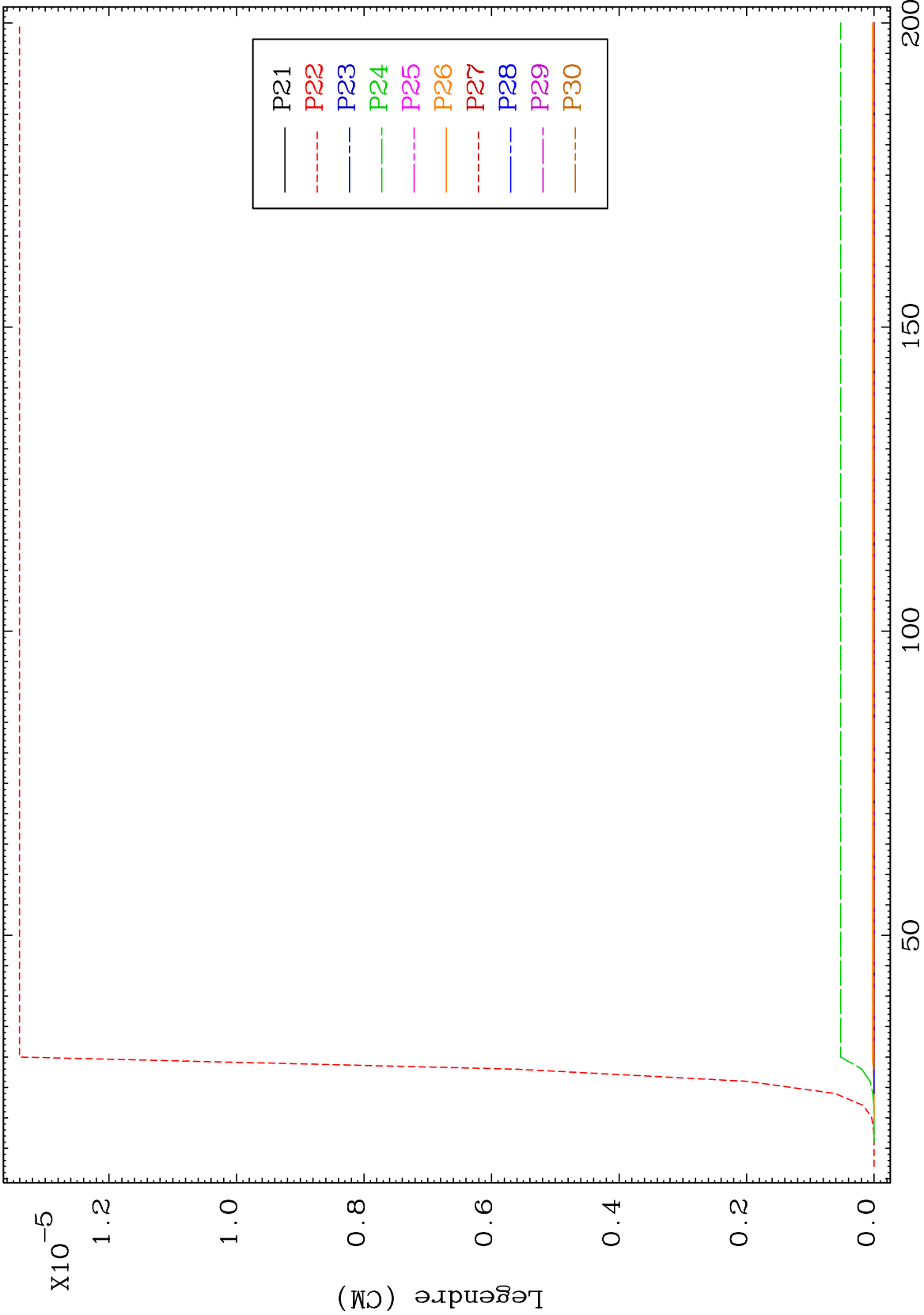
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



23

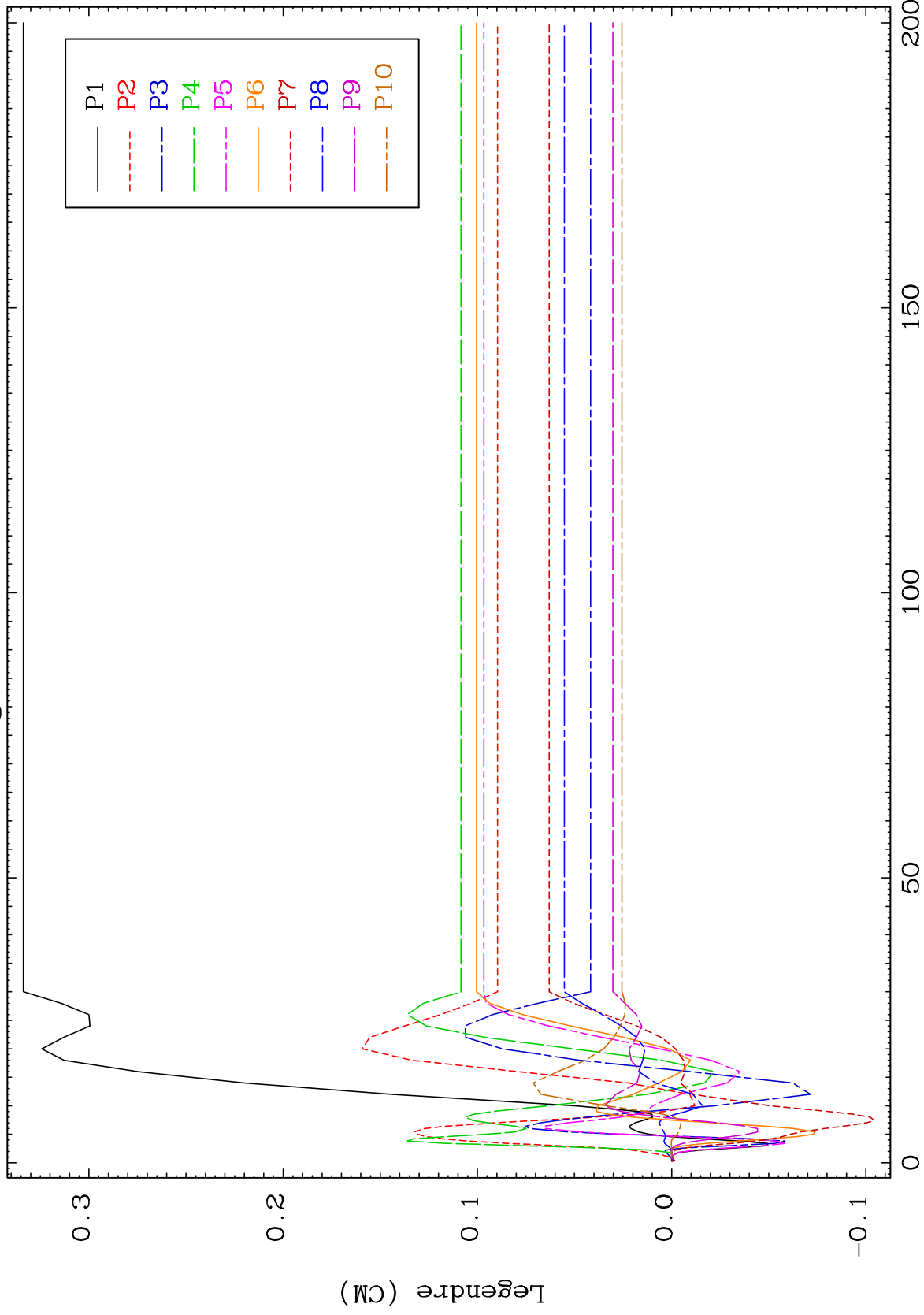
81-Tl-194

MAT 8098

MT= 52 (n,n') Level

81-Tl-194

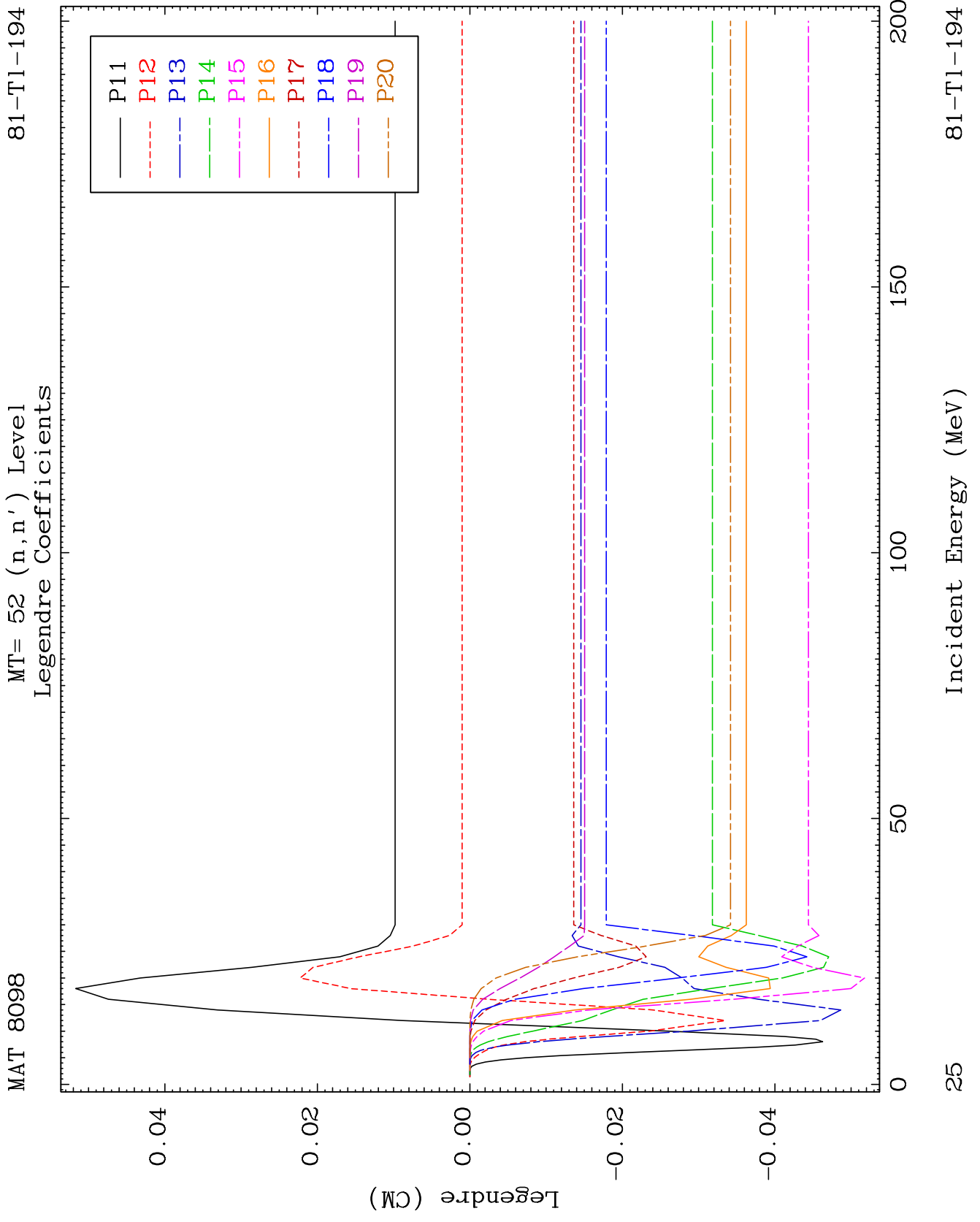
Legendre Coefficients



24

Incident Energy (MeV)

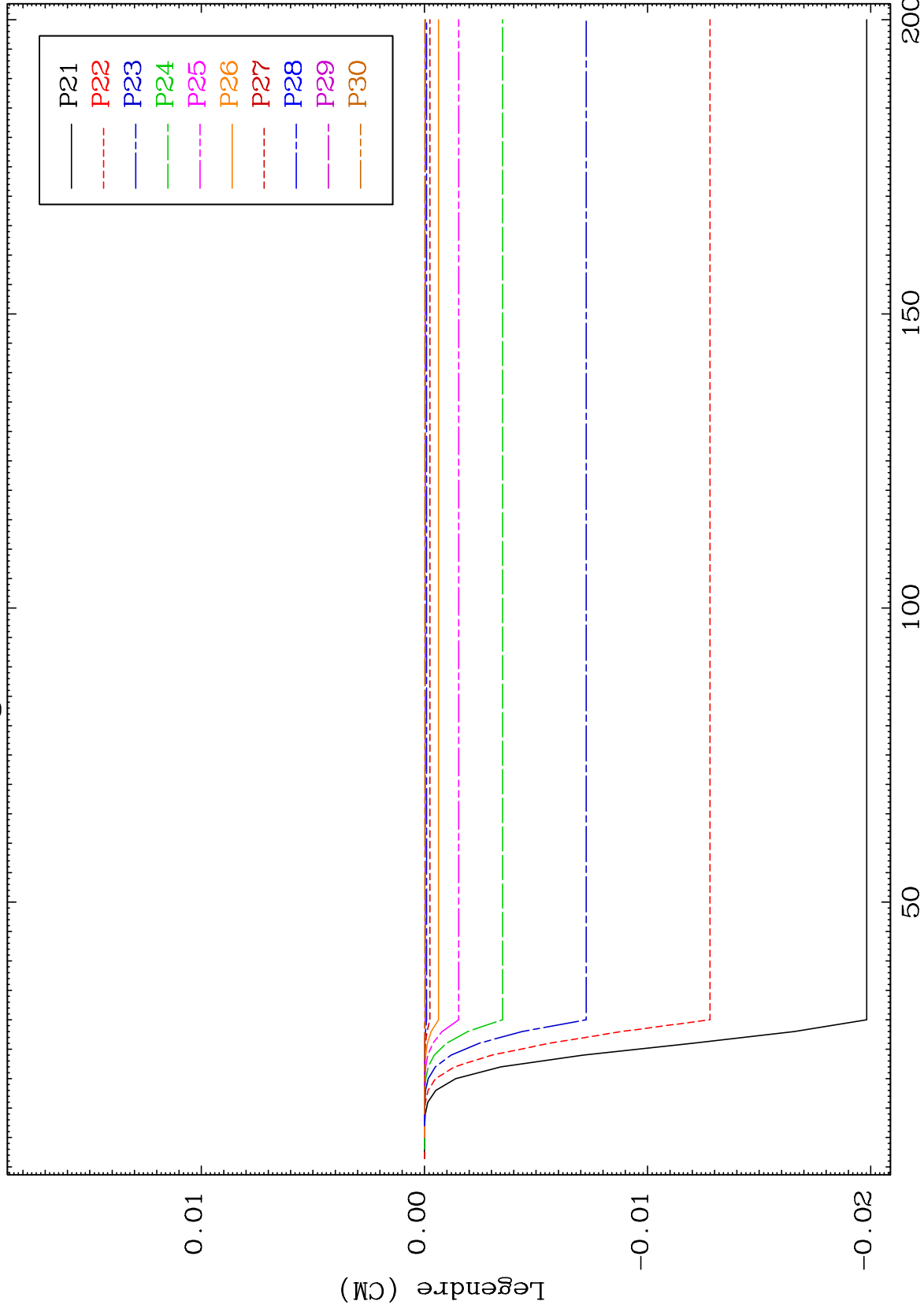
81-Tl-194



MAT 8098

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

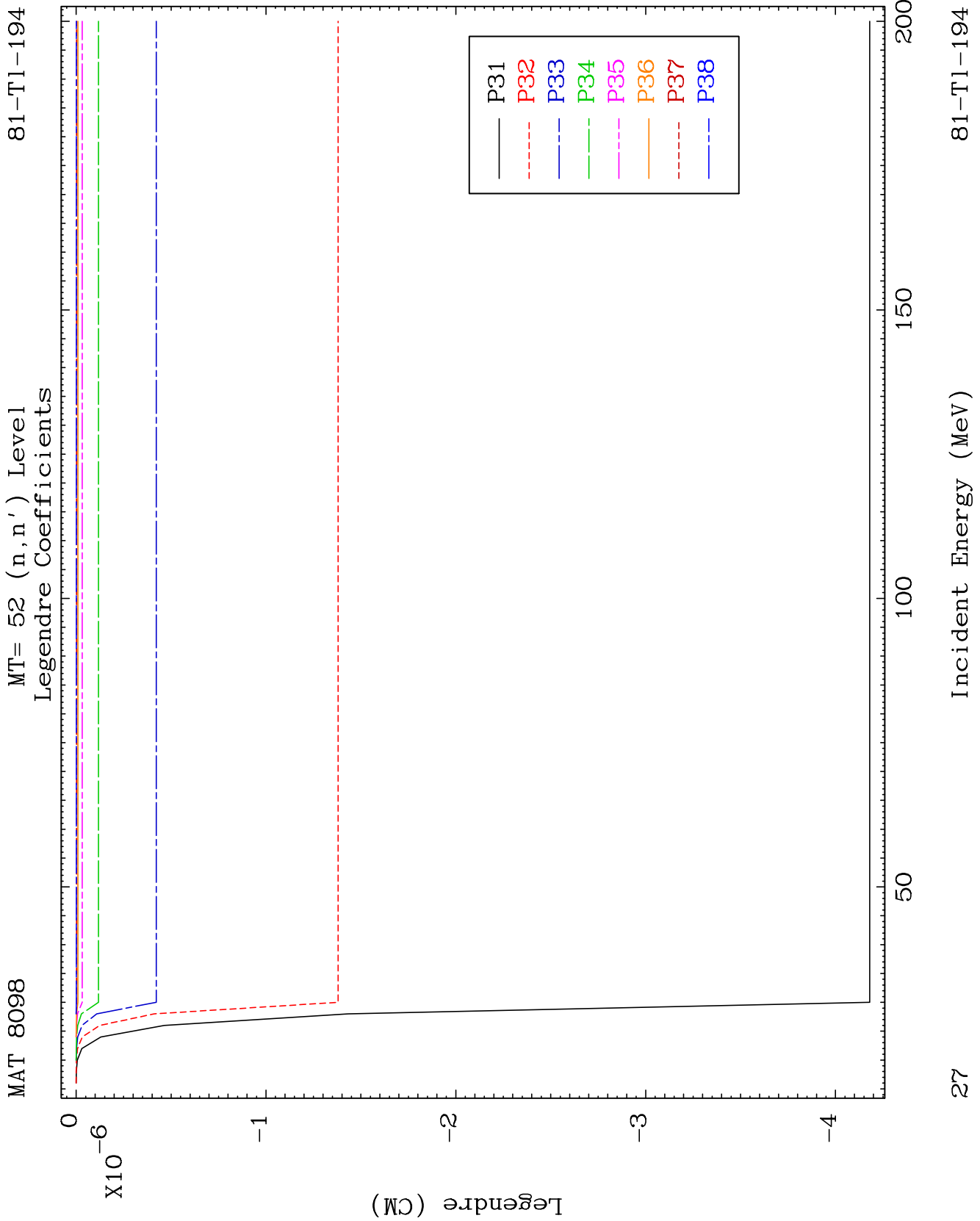
81-Tl-194

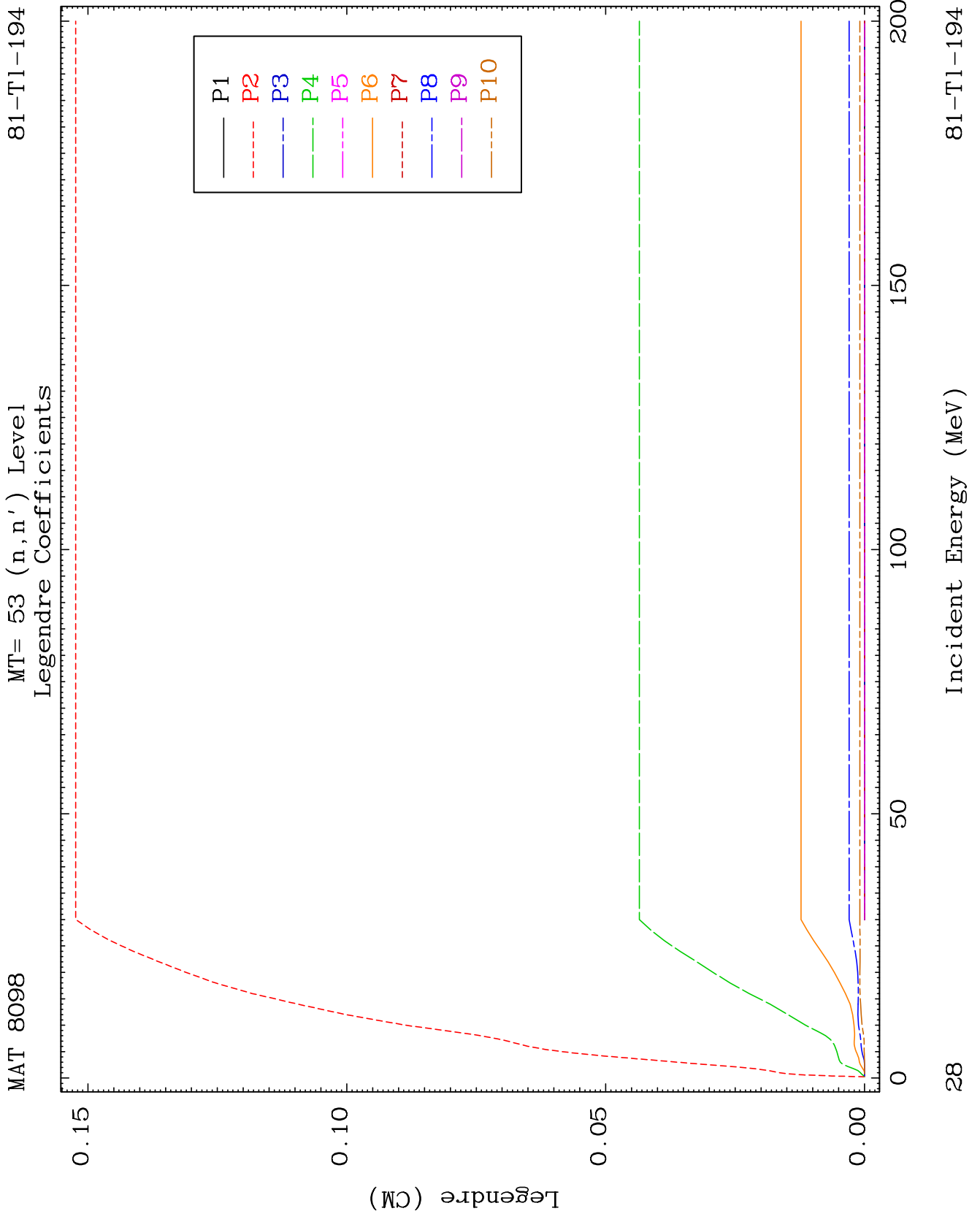


26

Incident Energy (MeV)

81-Tl-194

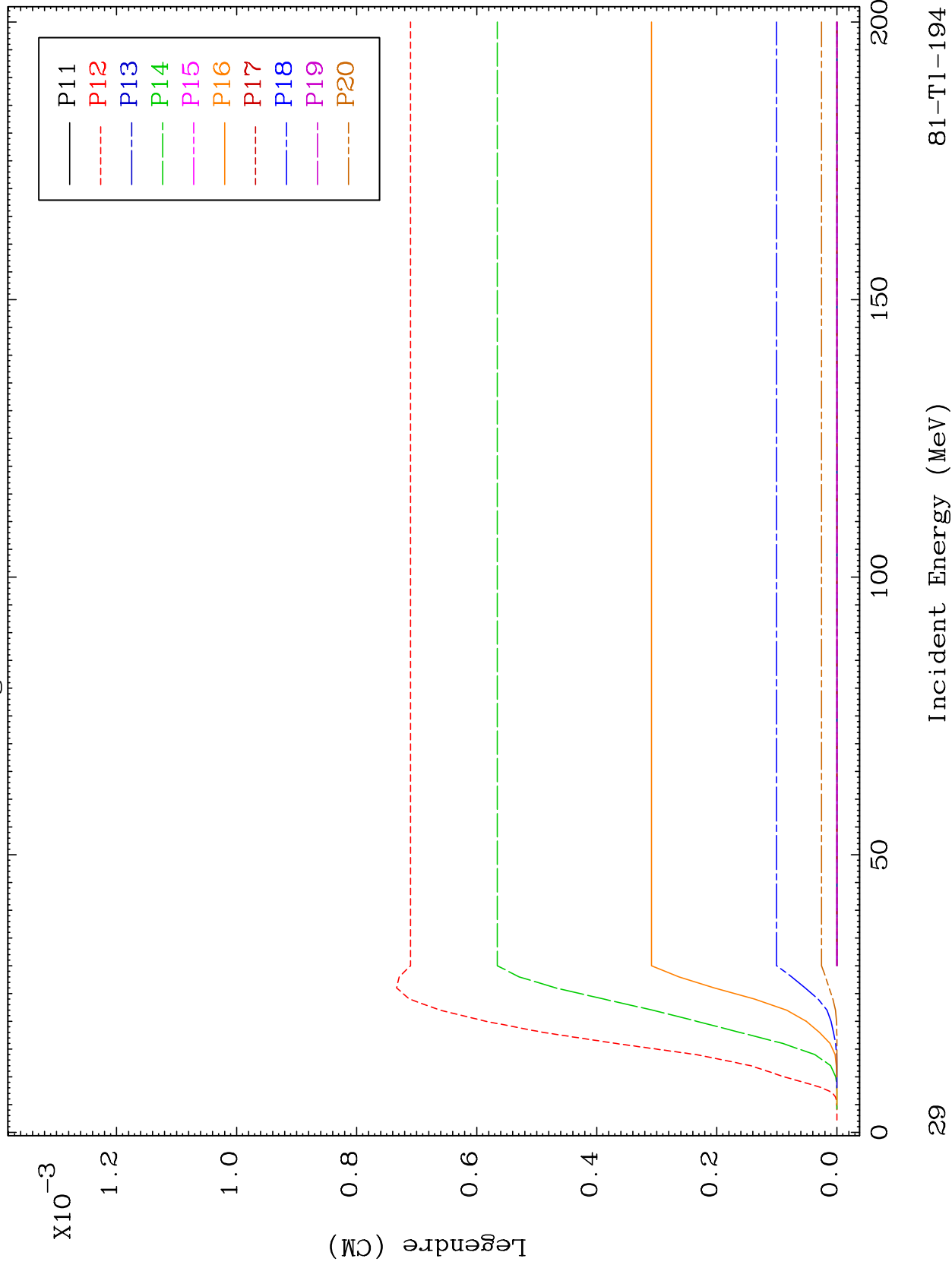




MAT 8098

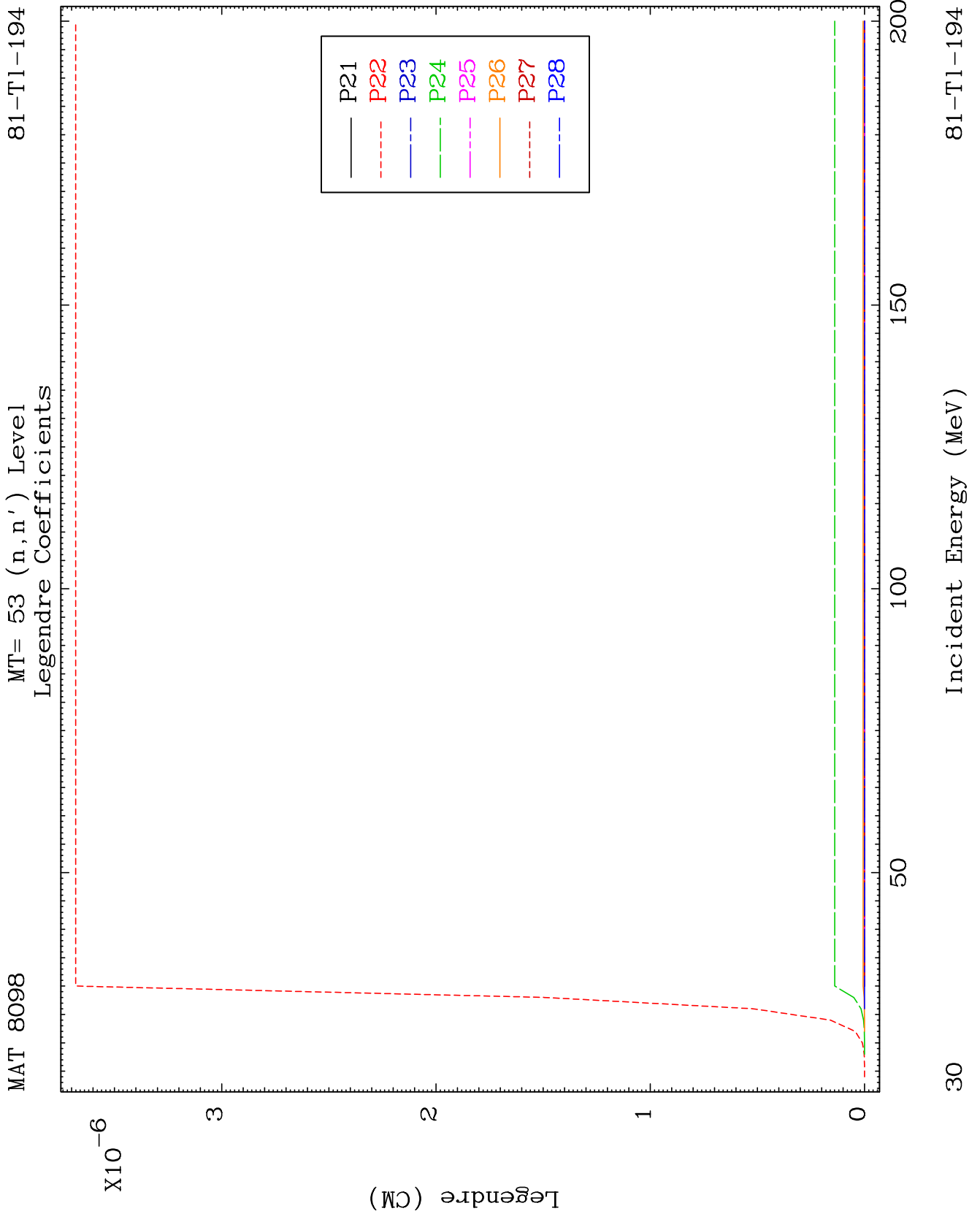
MT= 53 (n,n') Level
Legendre Coefficients

81-Tl-194



29

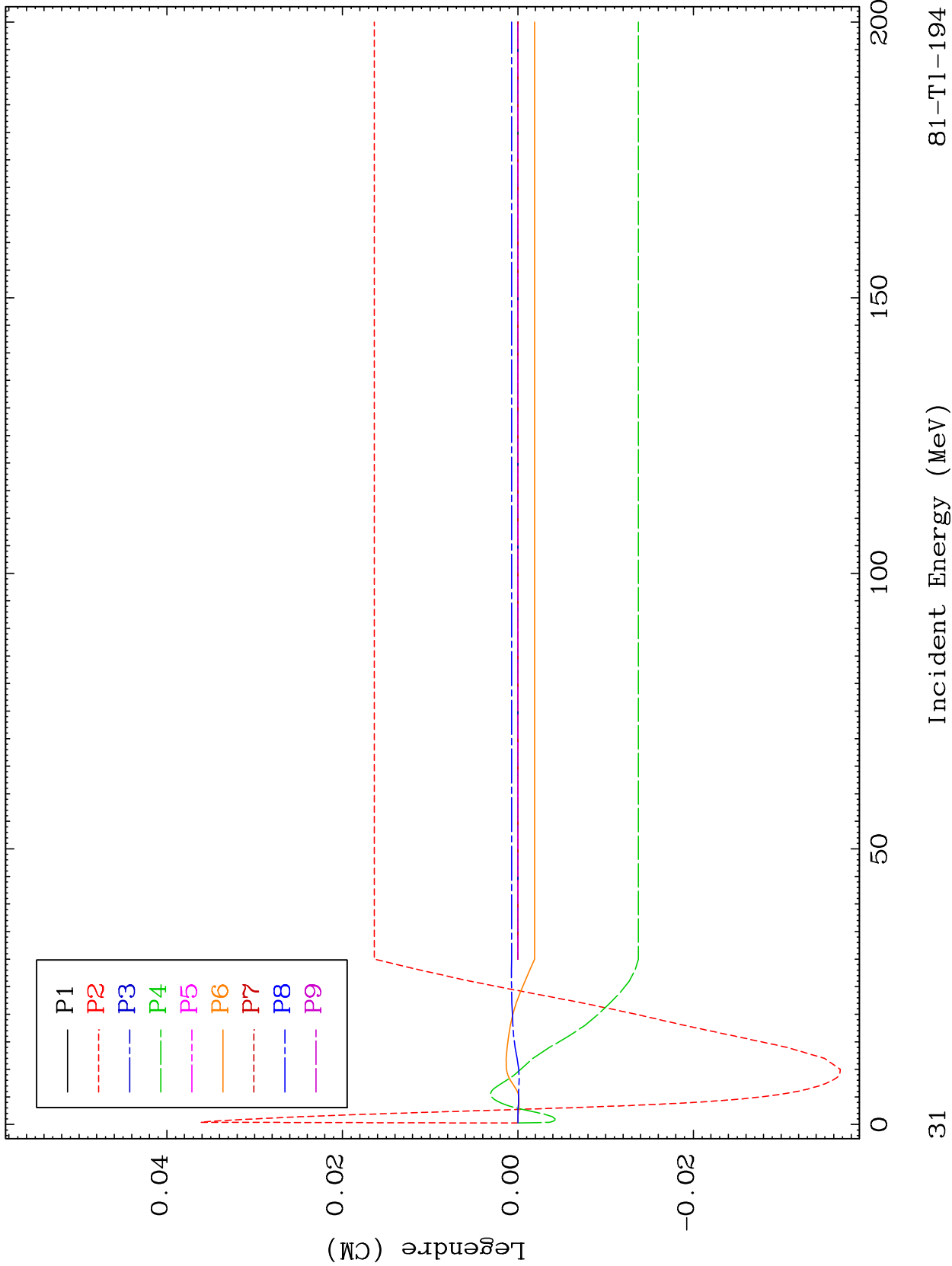
81-Tl-194



MAT 8098

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

81-Tl-194



31

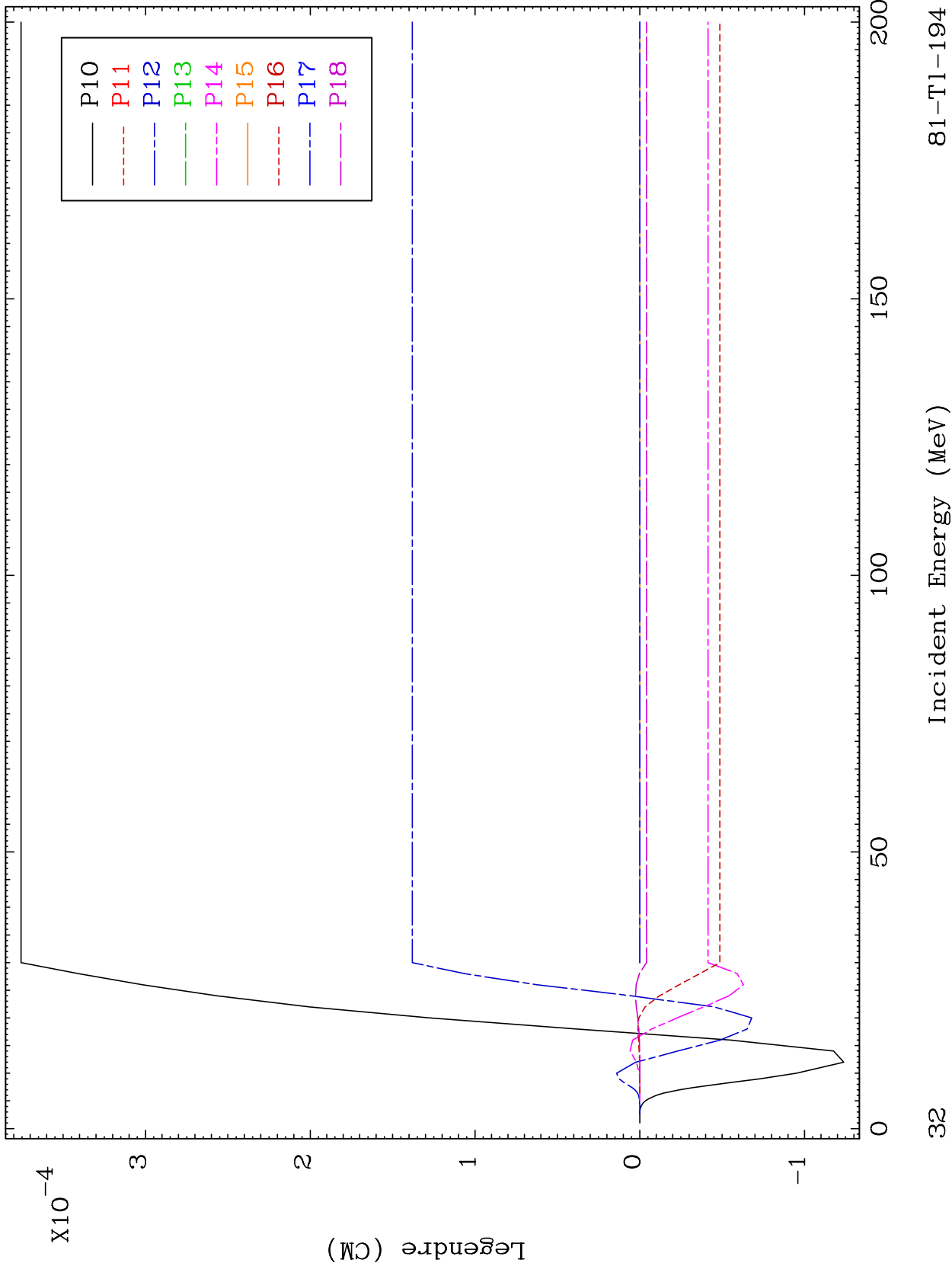
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

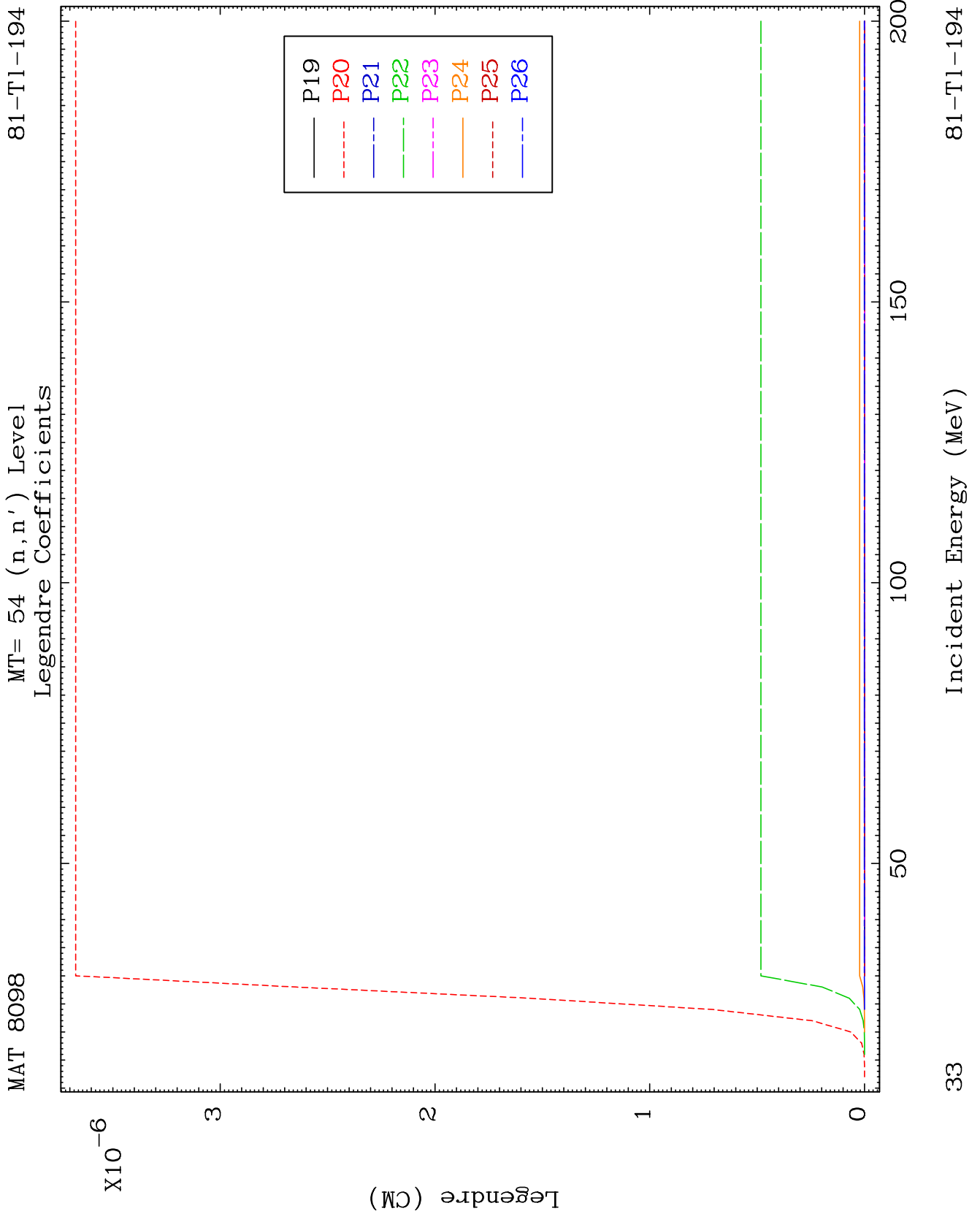
81-Tl-194



81-Tl-194

Incident Energy (MeV)

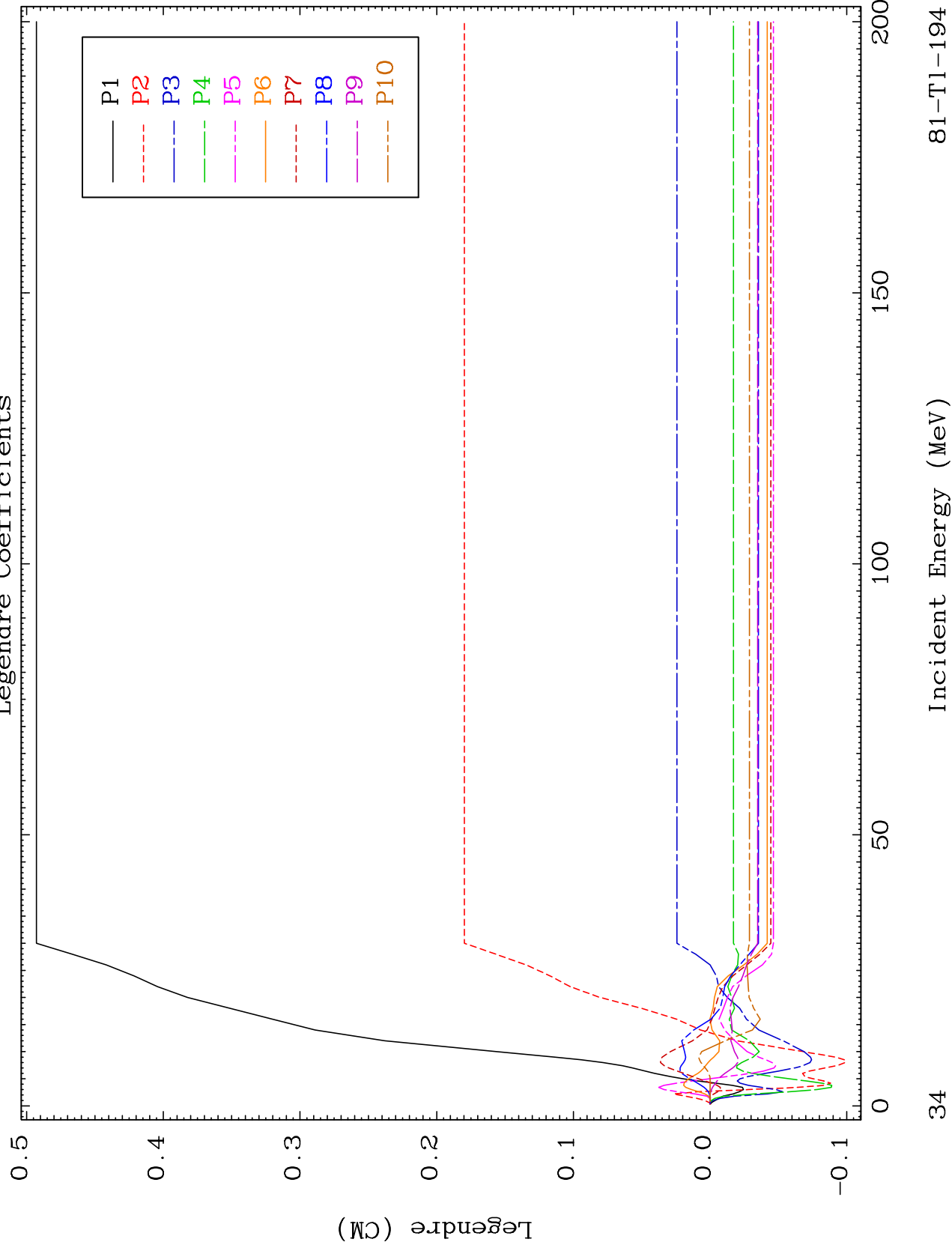
32



MAT 8098

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

81-Tl-194



34

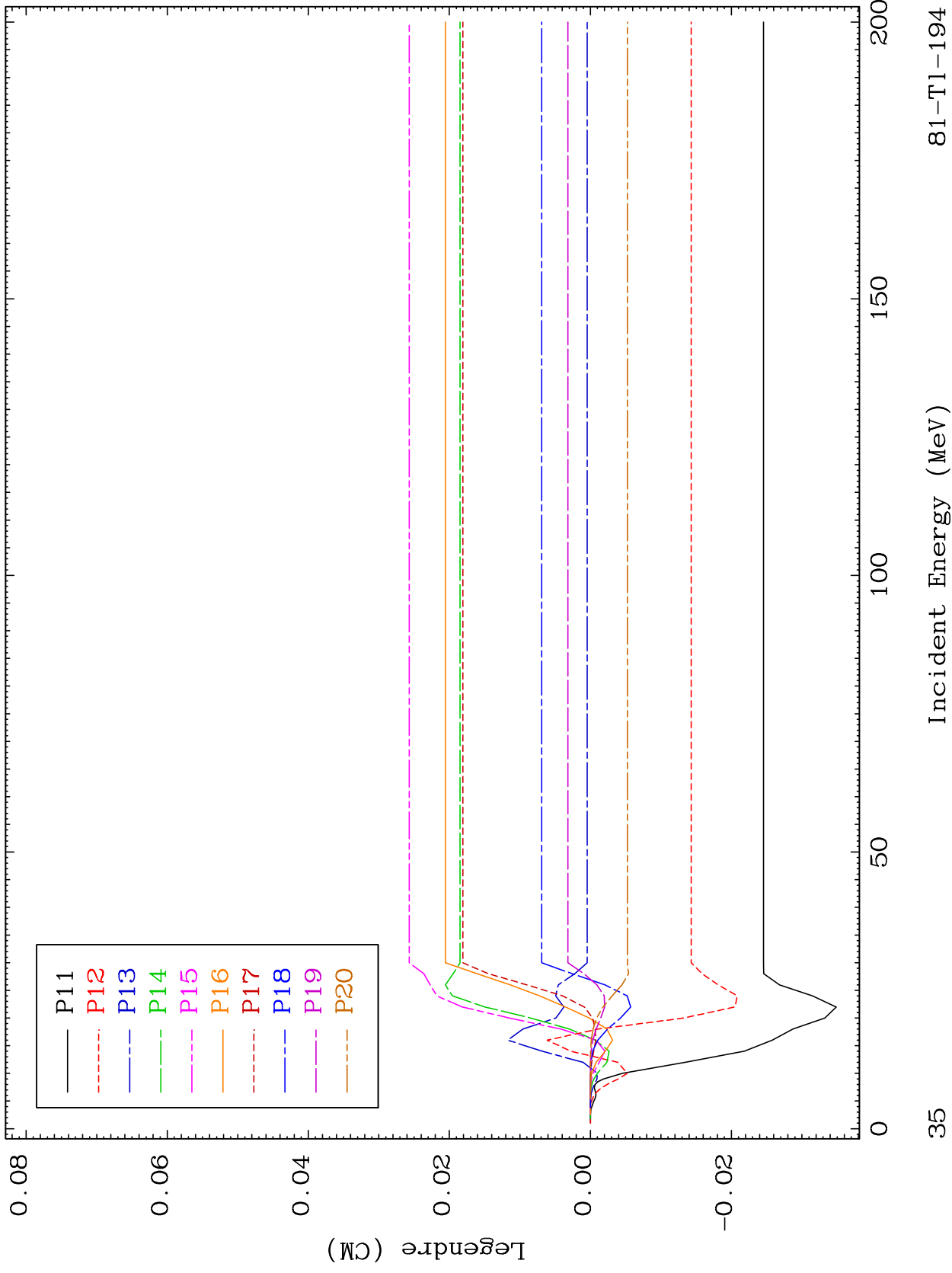
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



81-Tl-194

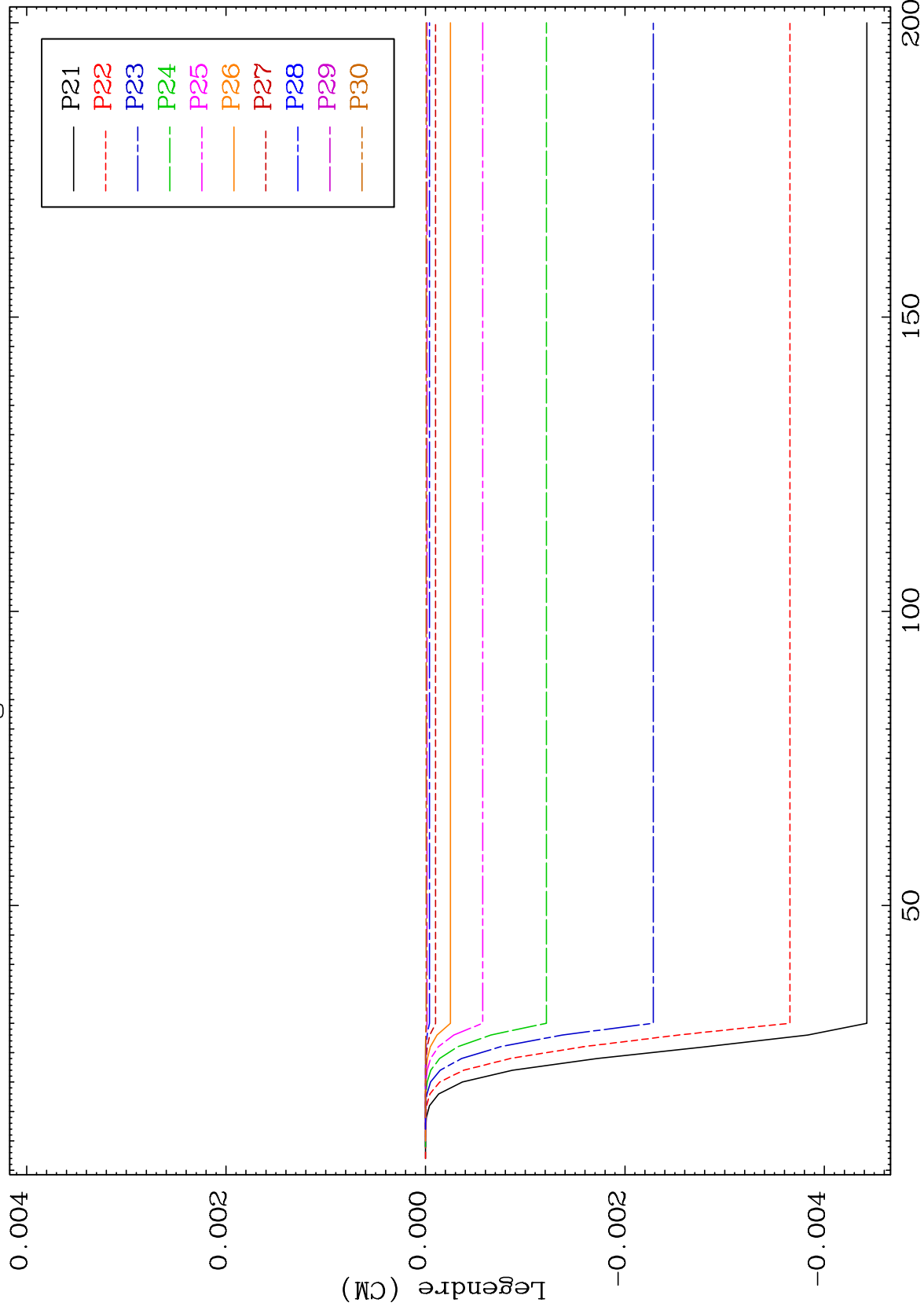
Incident Energy (MeV)

35

MAT 8098

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

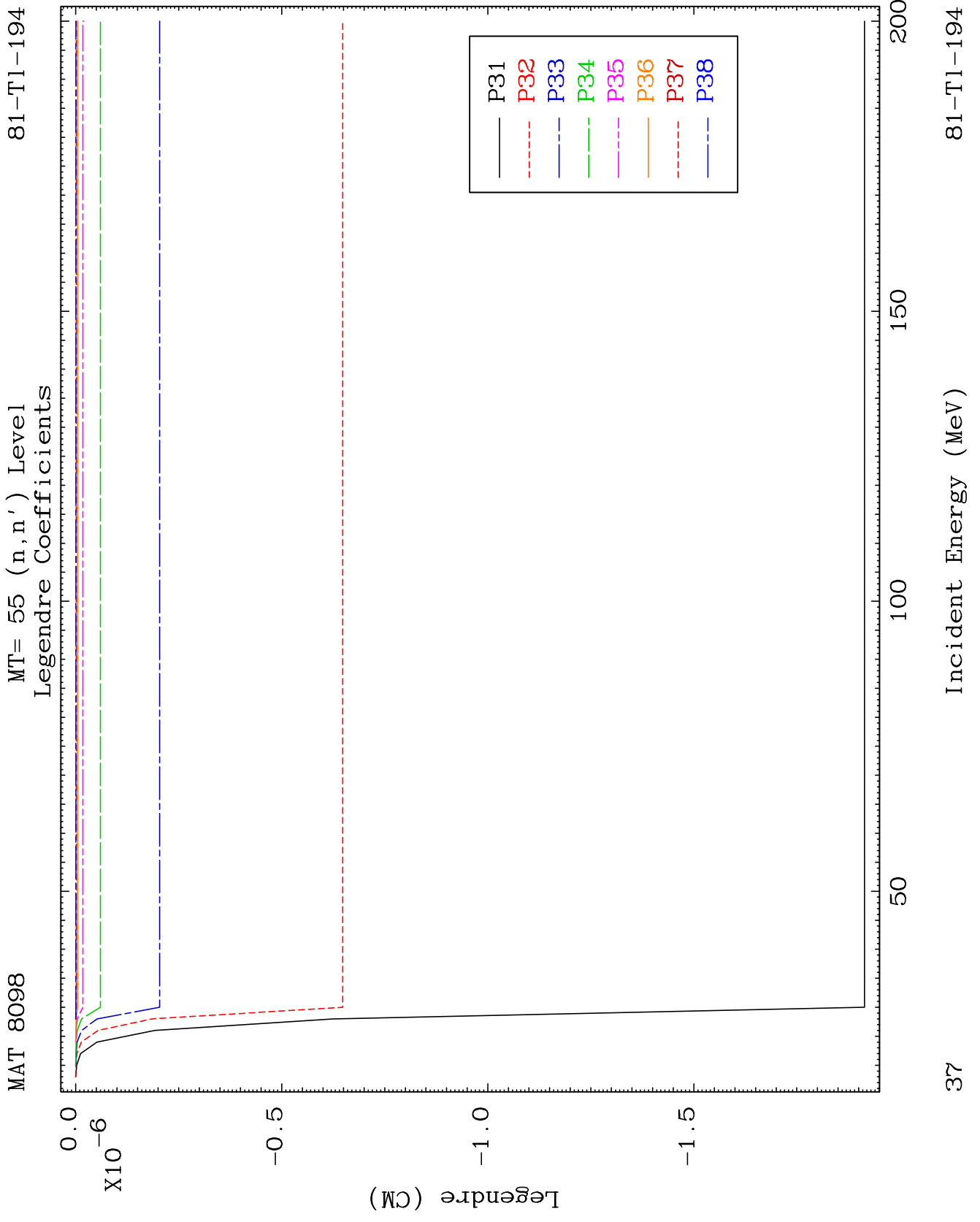
81-Tl-194

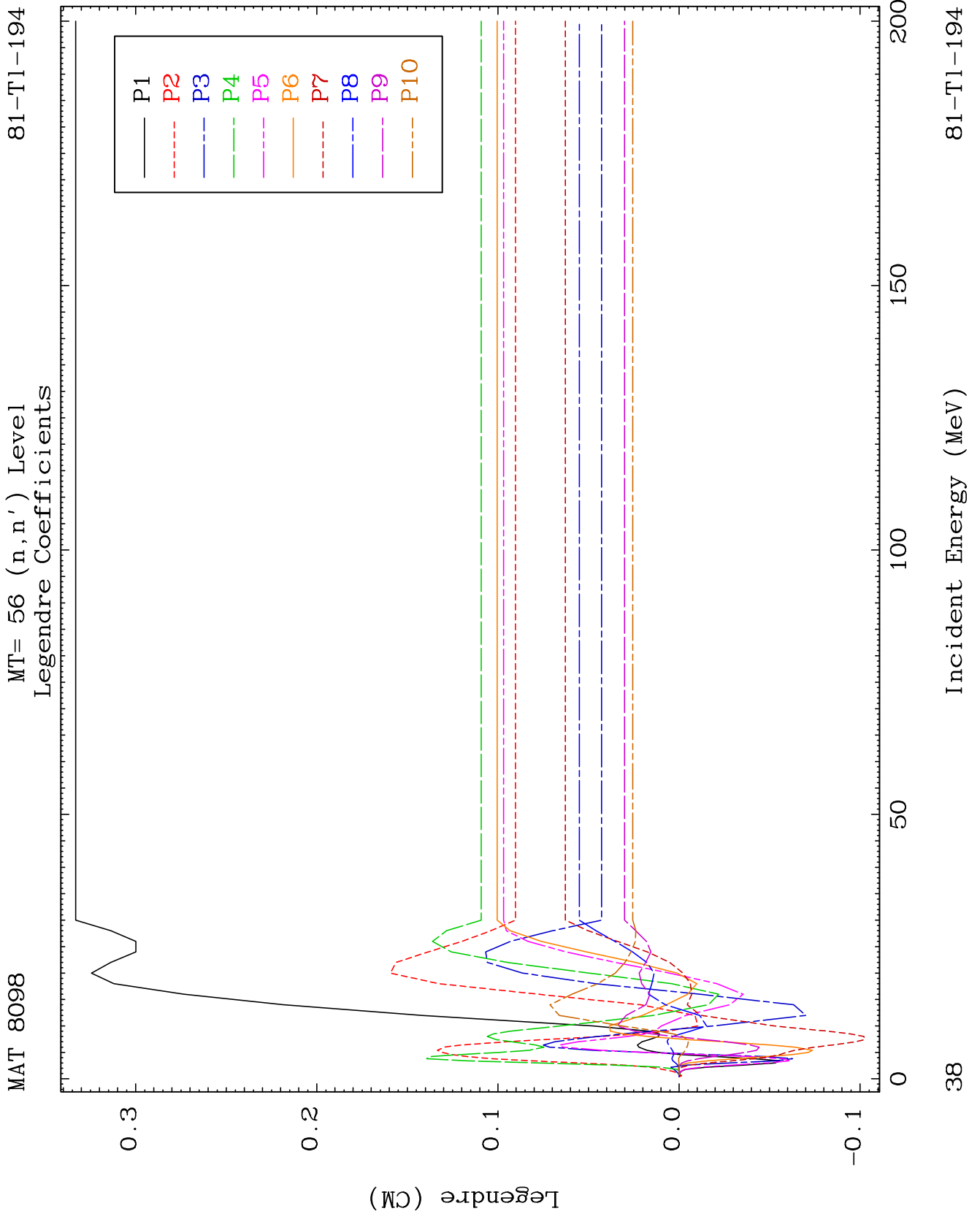


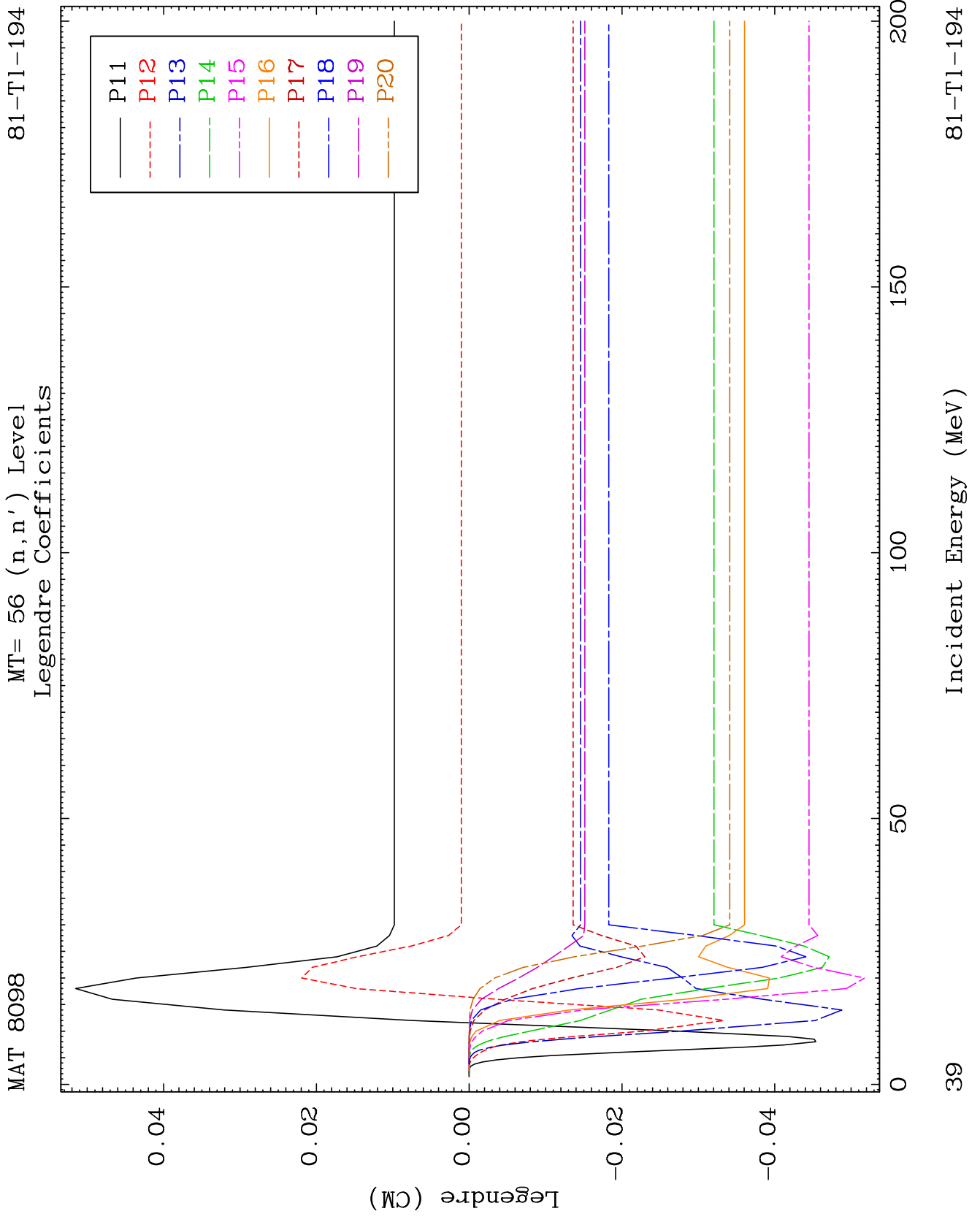
36

Incident Energy (MeV)

81-Tl-194



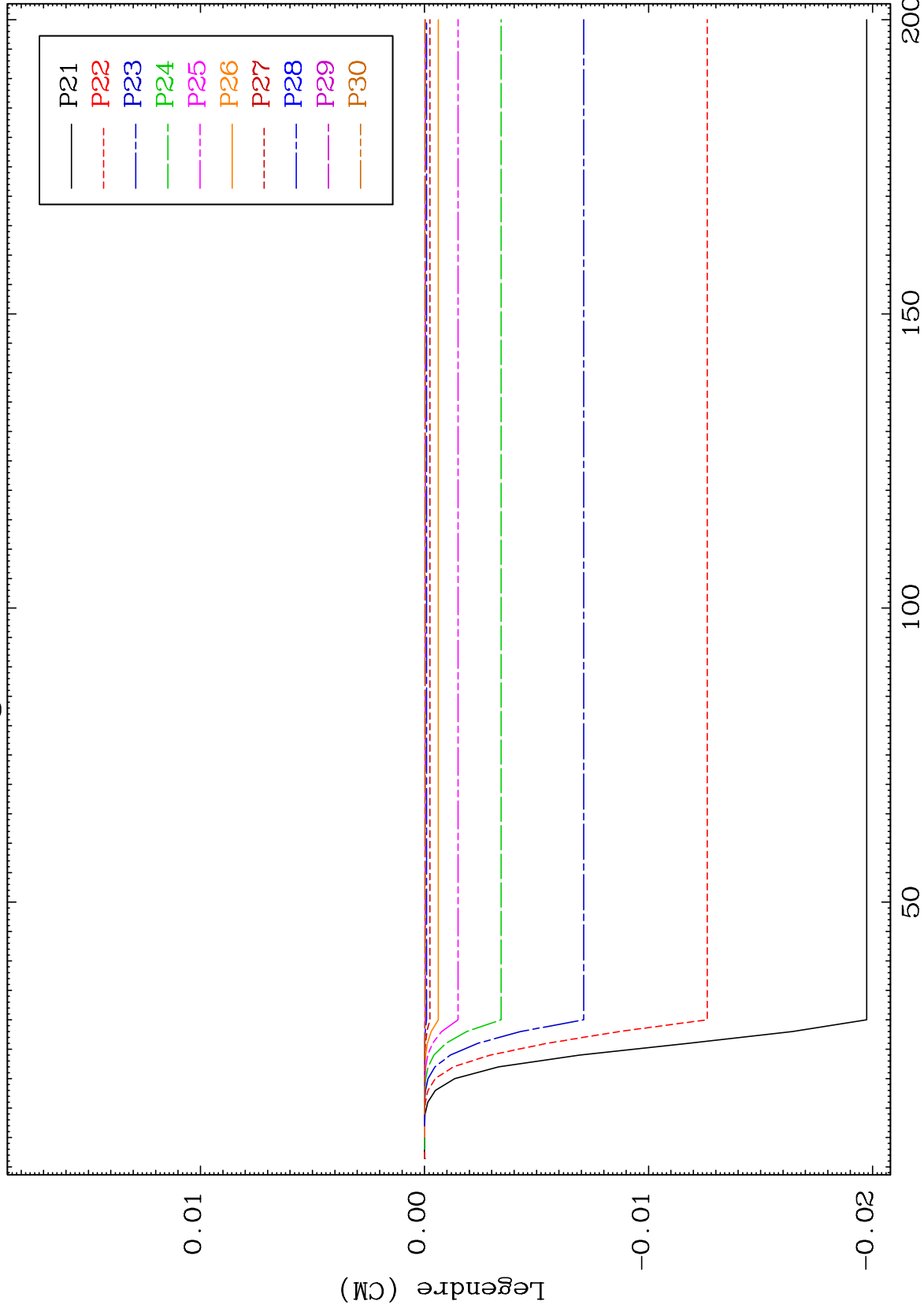




MAT 8098

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

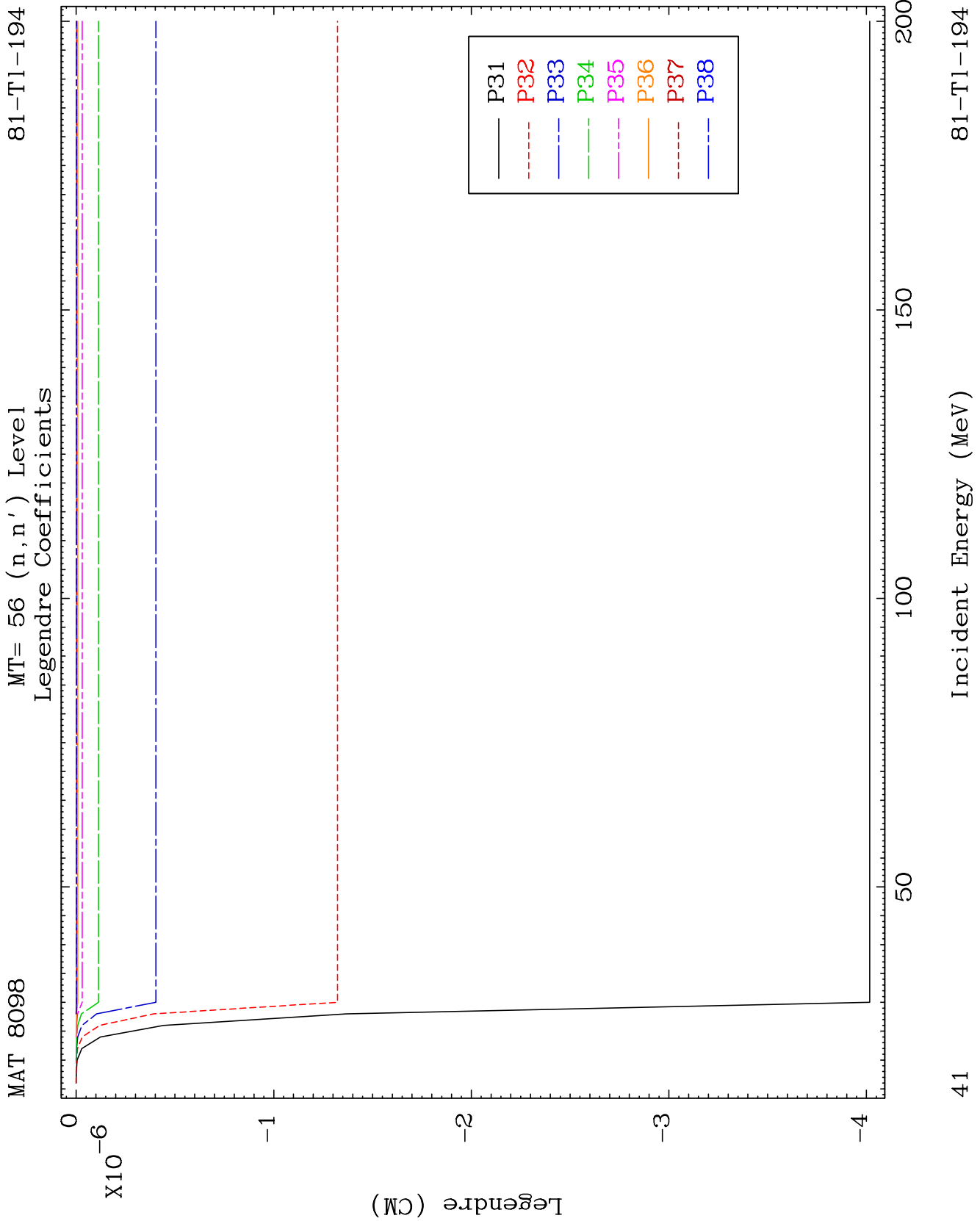
81-Tl-194



40

Incident Energy (MeV)

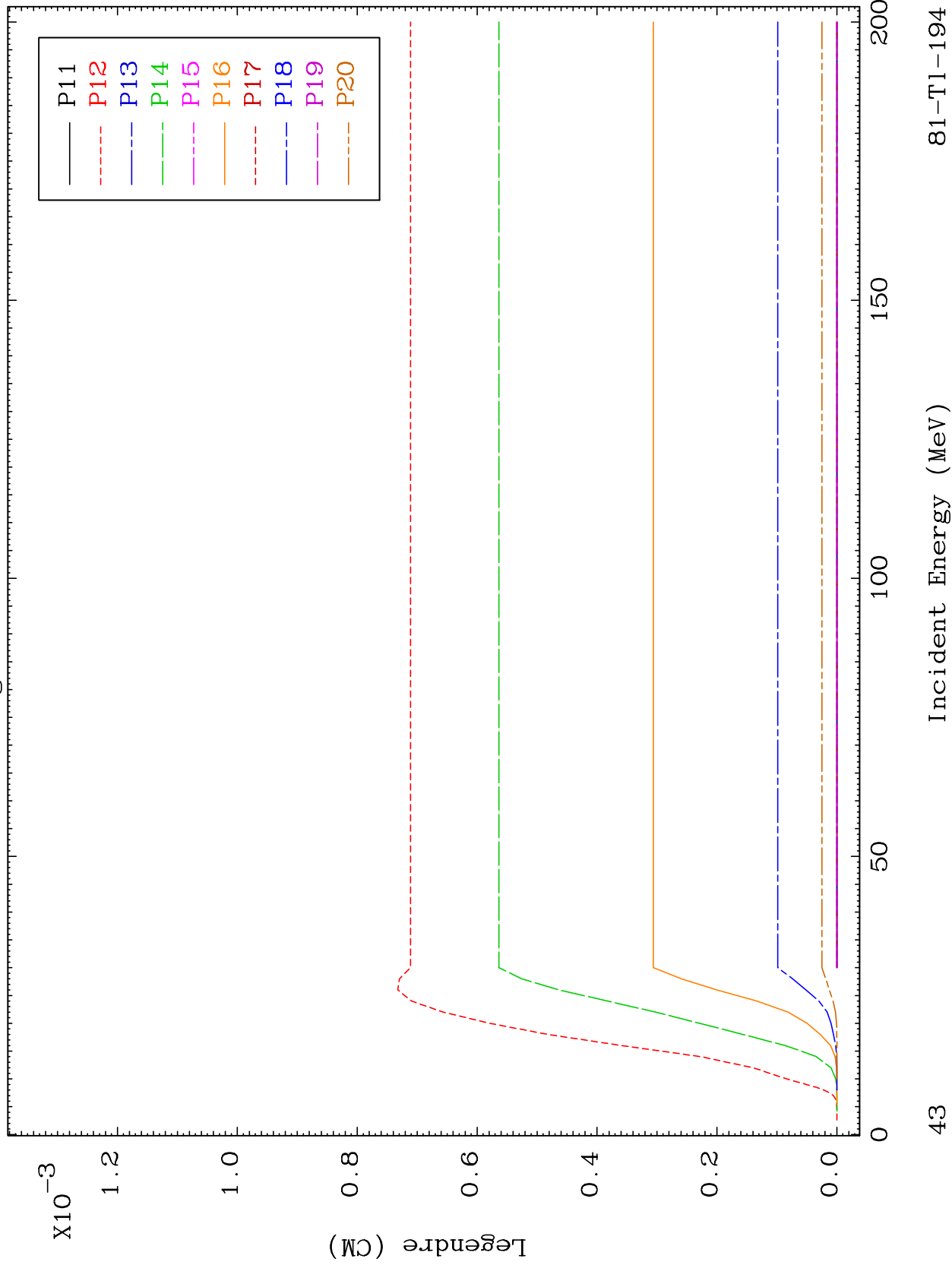
81-Tl-194

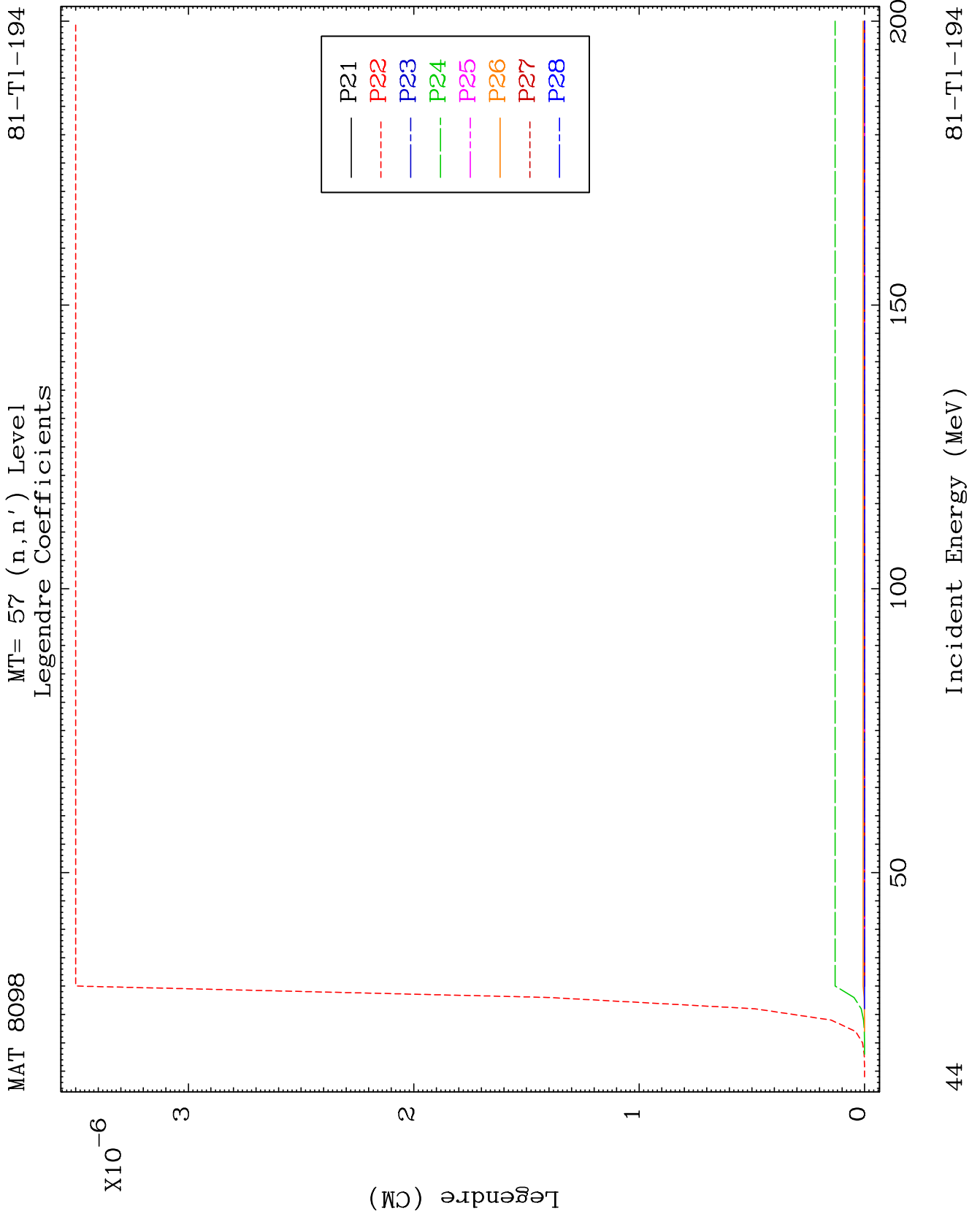


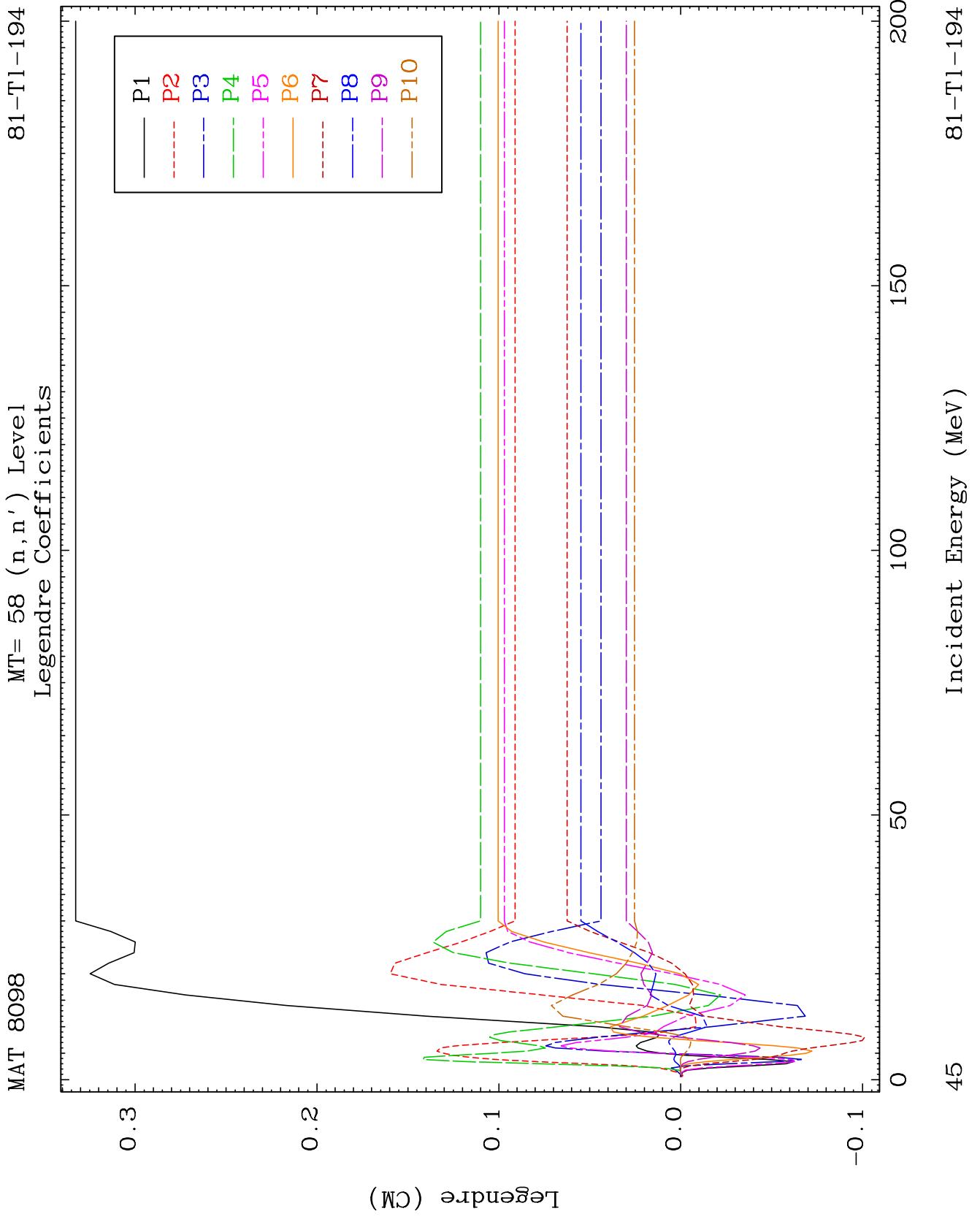
MAT 8098

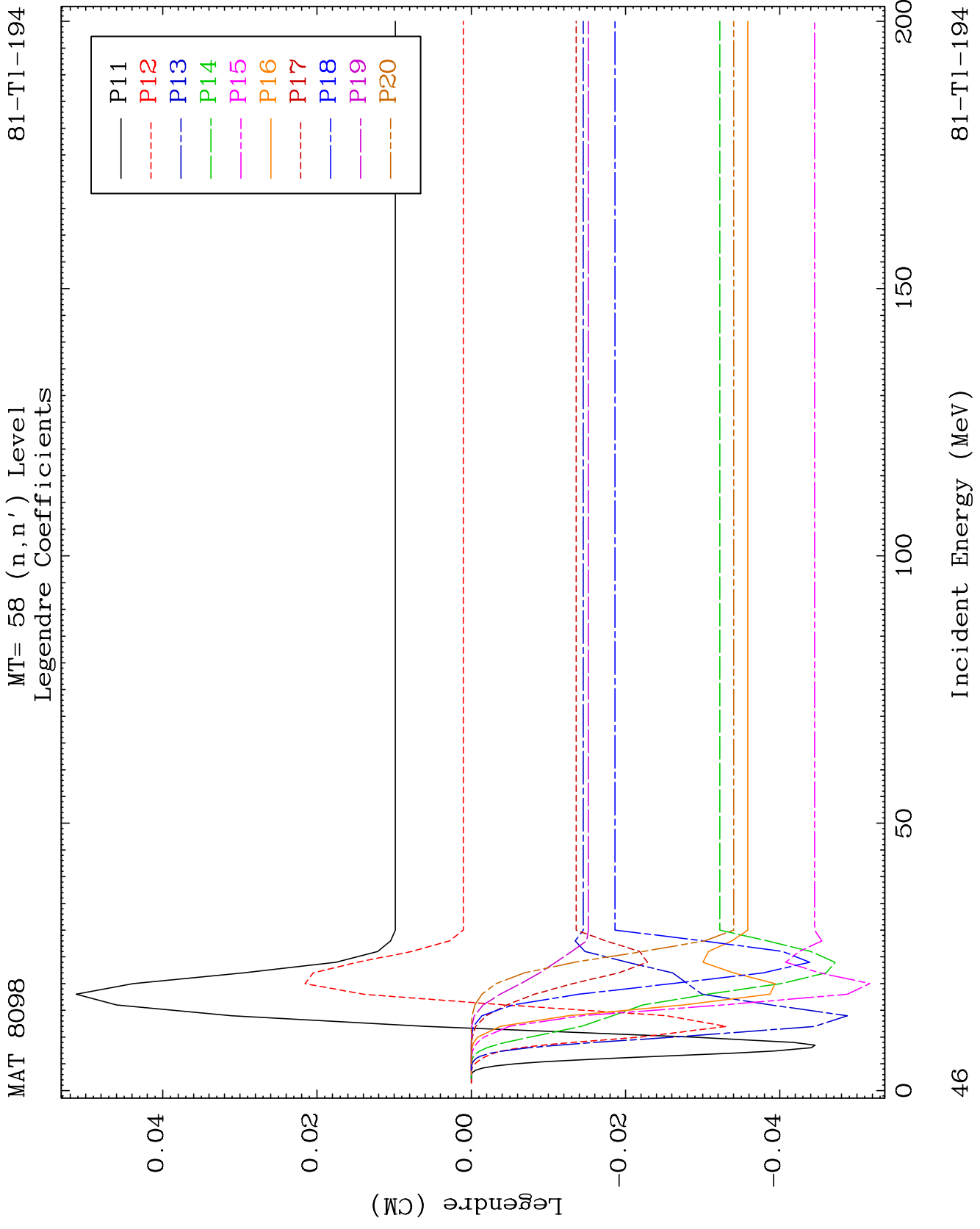
MT= 57 (n,n') Level
Legendre Coefficients

81-Tl-194





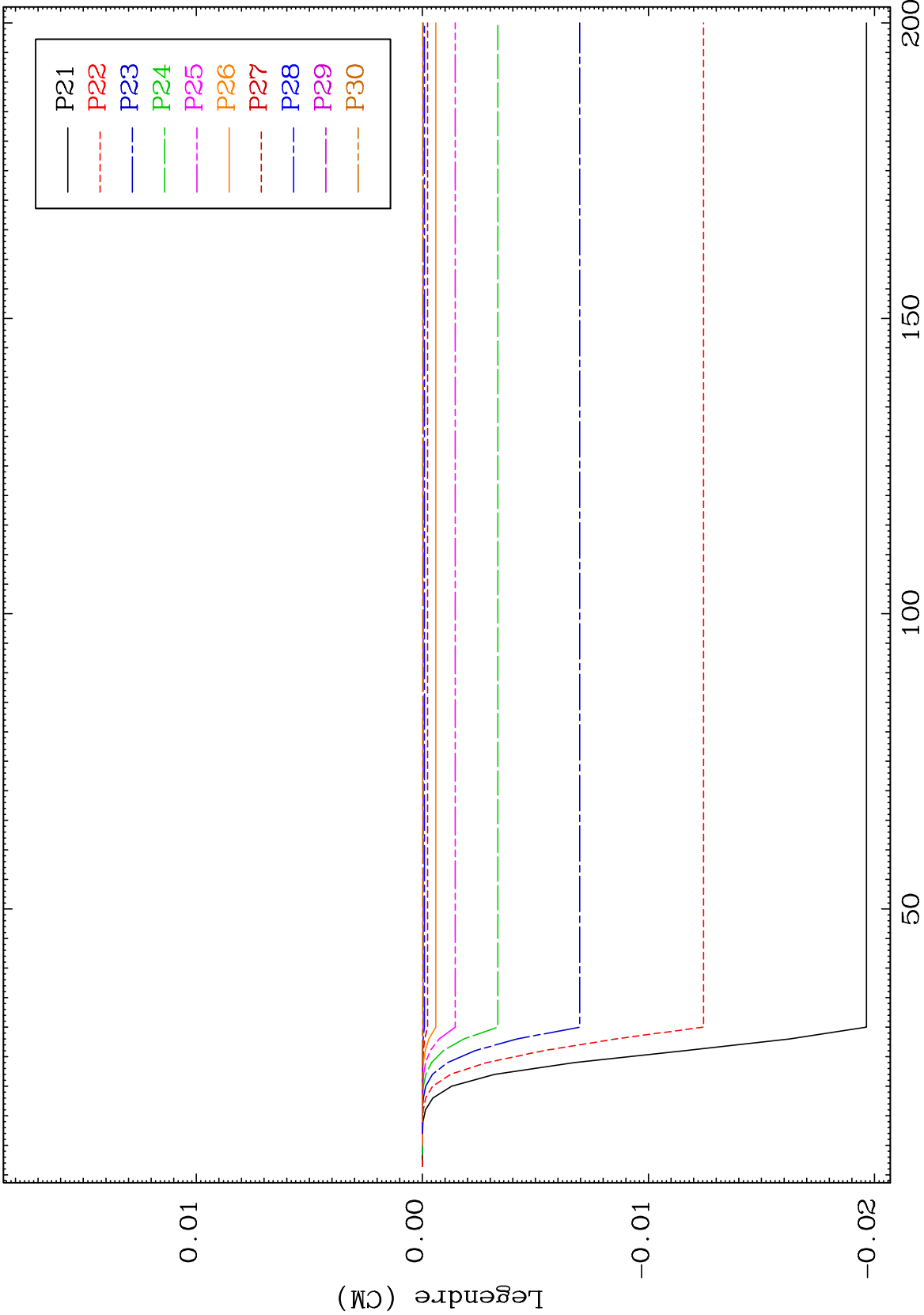




MAT 8098

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

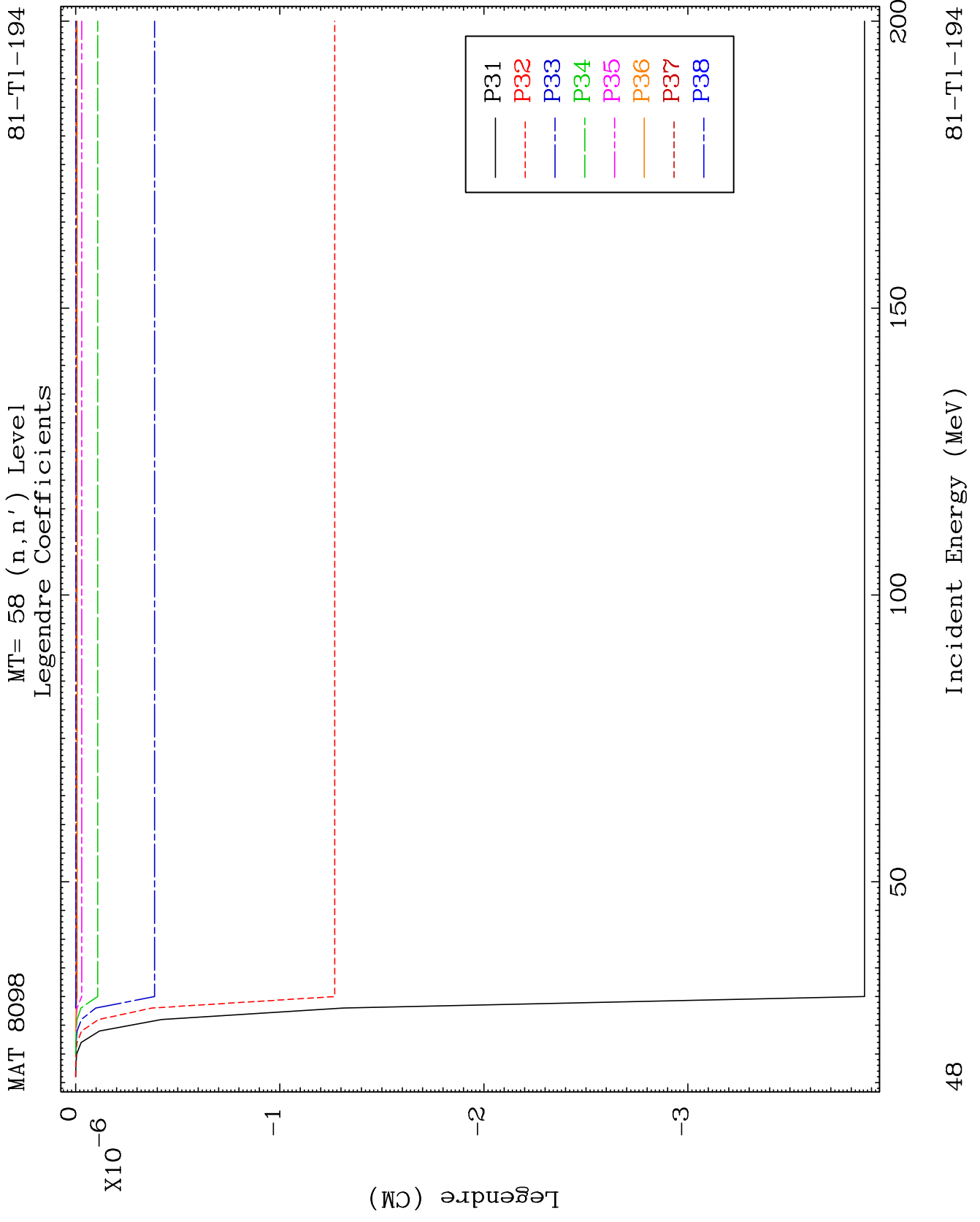
81-Tl-194



47

Incident Energy (MeV)

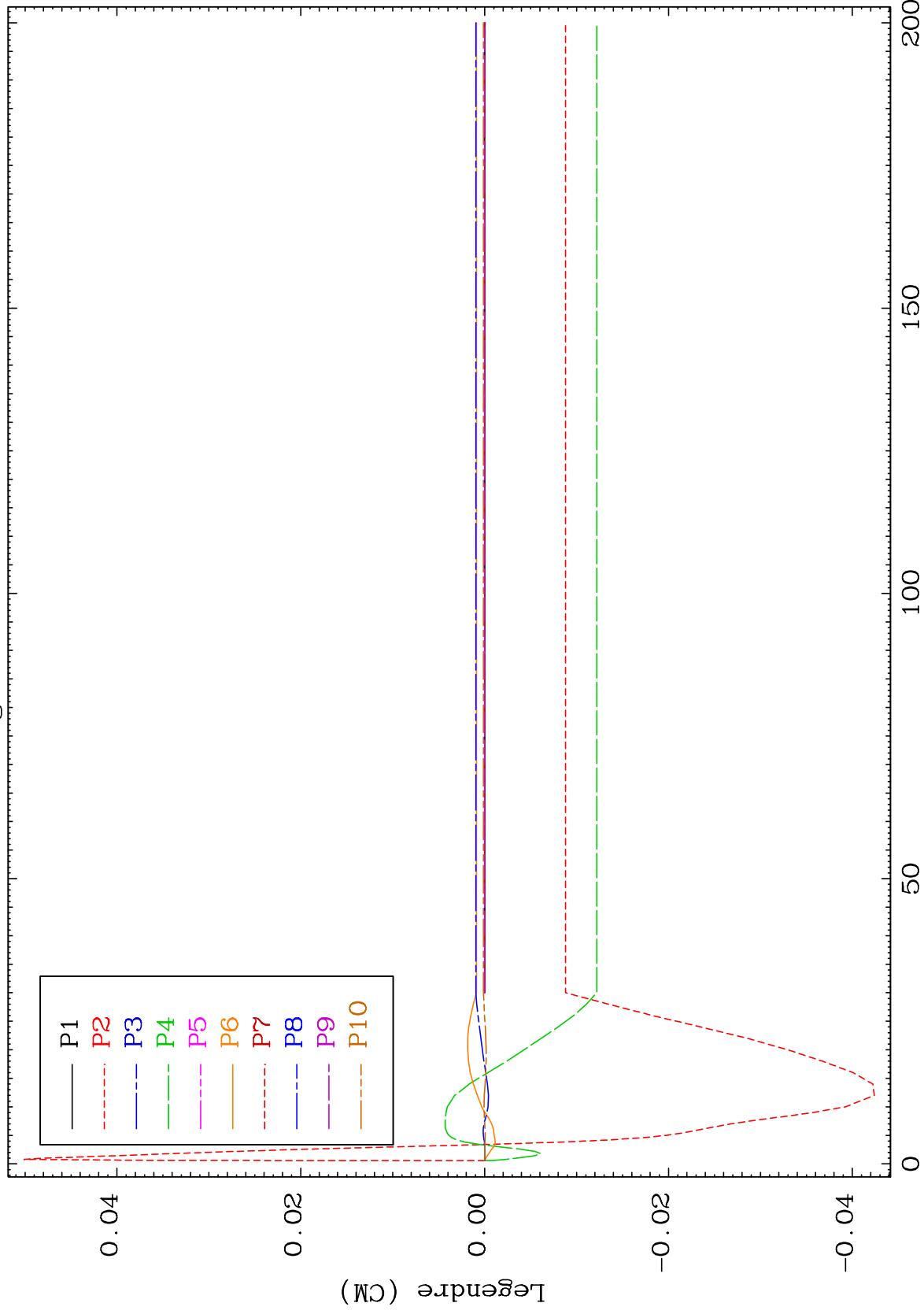
81-Tl-194



MAT 8098

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

81-T1-194



49

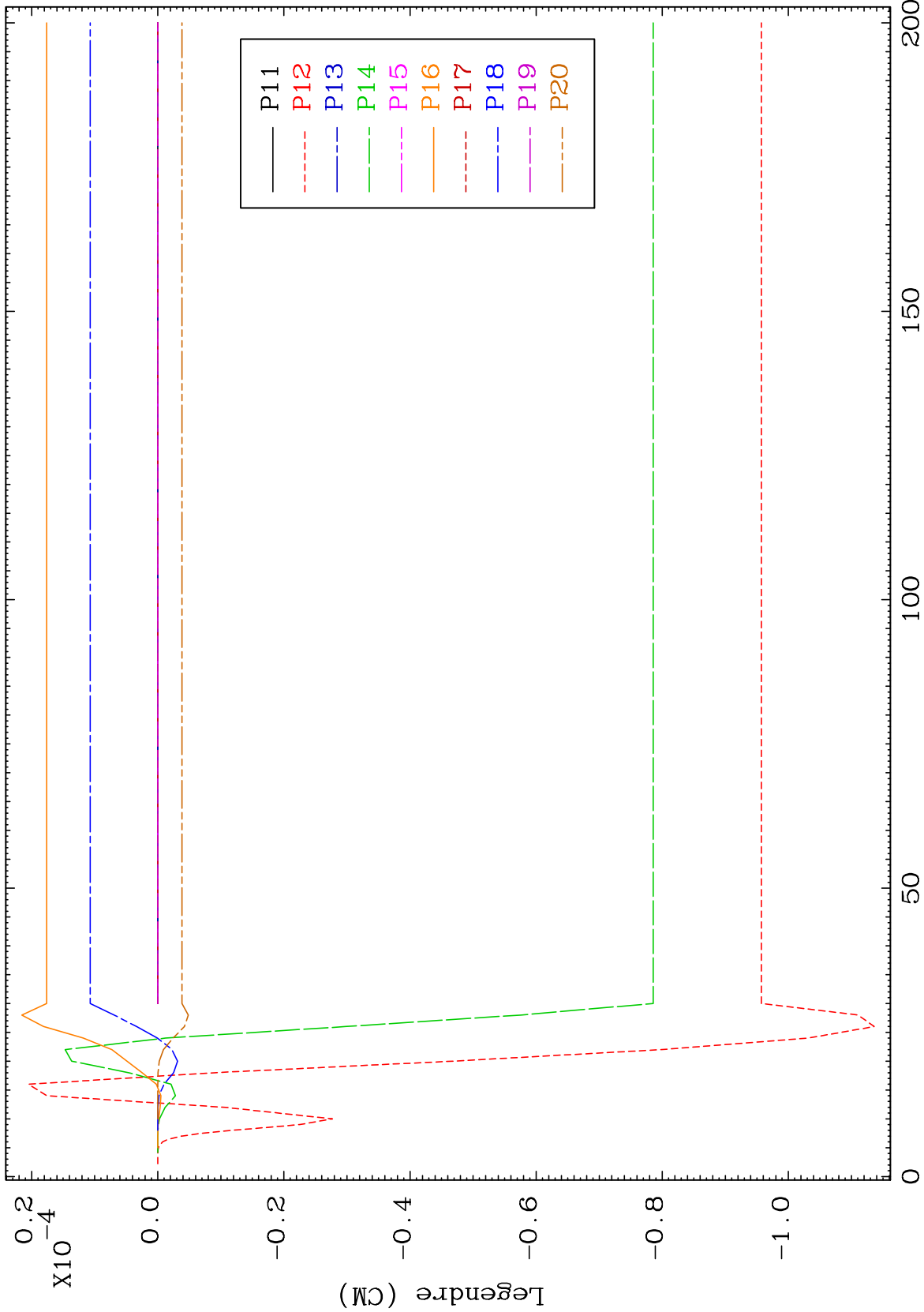
Incident Energy (MeV)

81-T1-194

MAT 8098

81-Tl-194

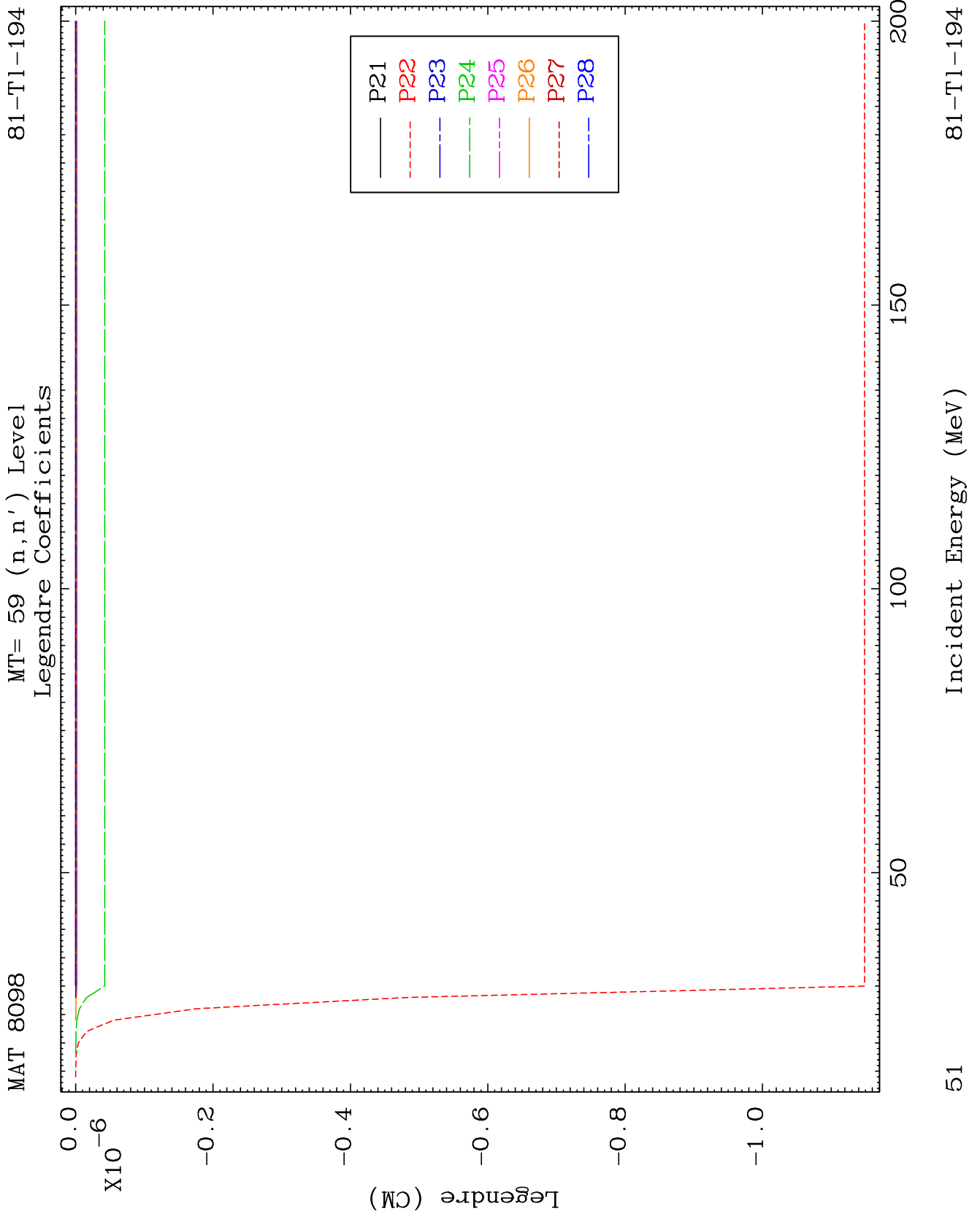
MT= 59 (n,n') Level
Legendre Coefficients

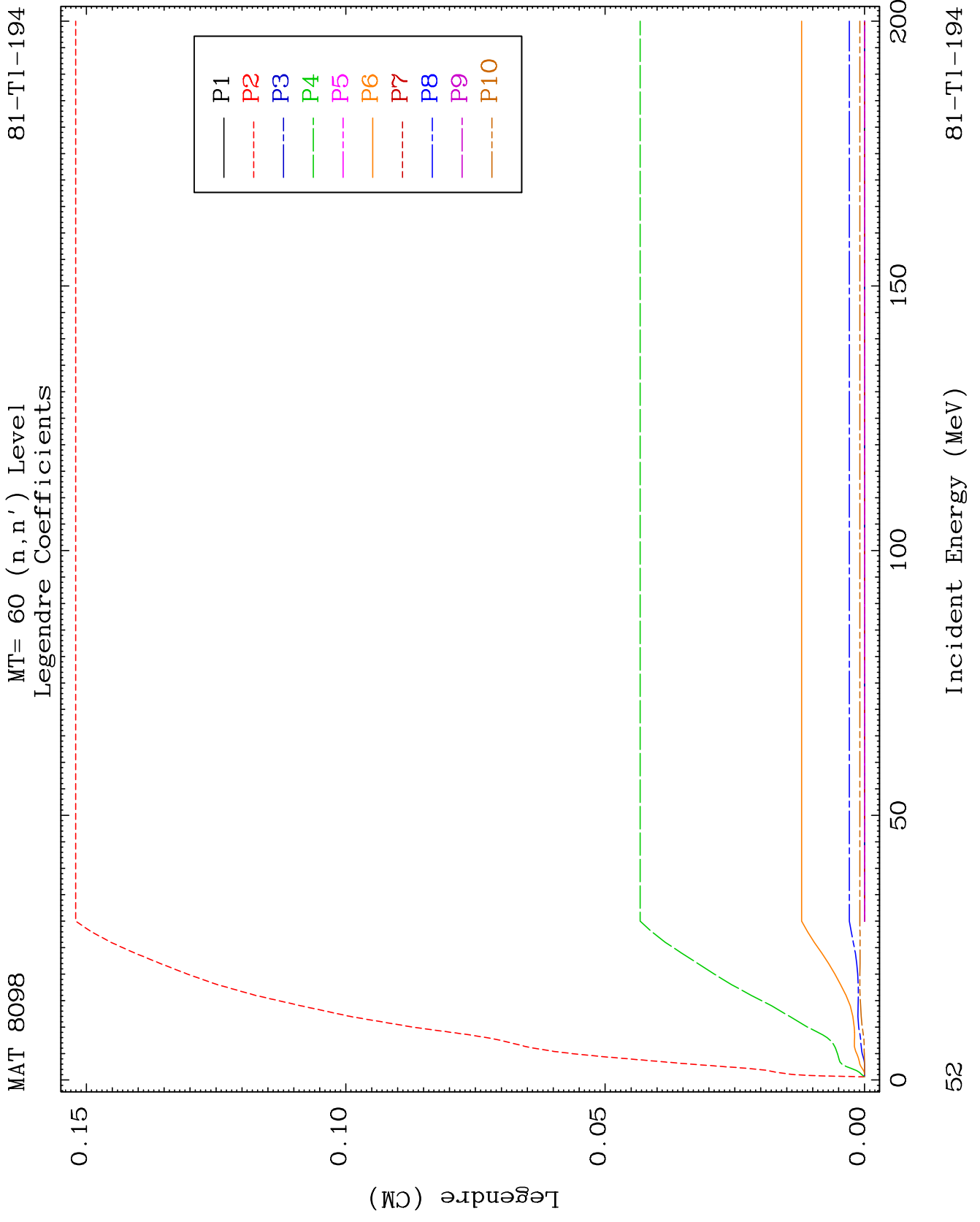


81-Tl-194

Incident Energy (MeV)

50

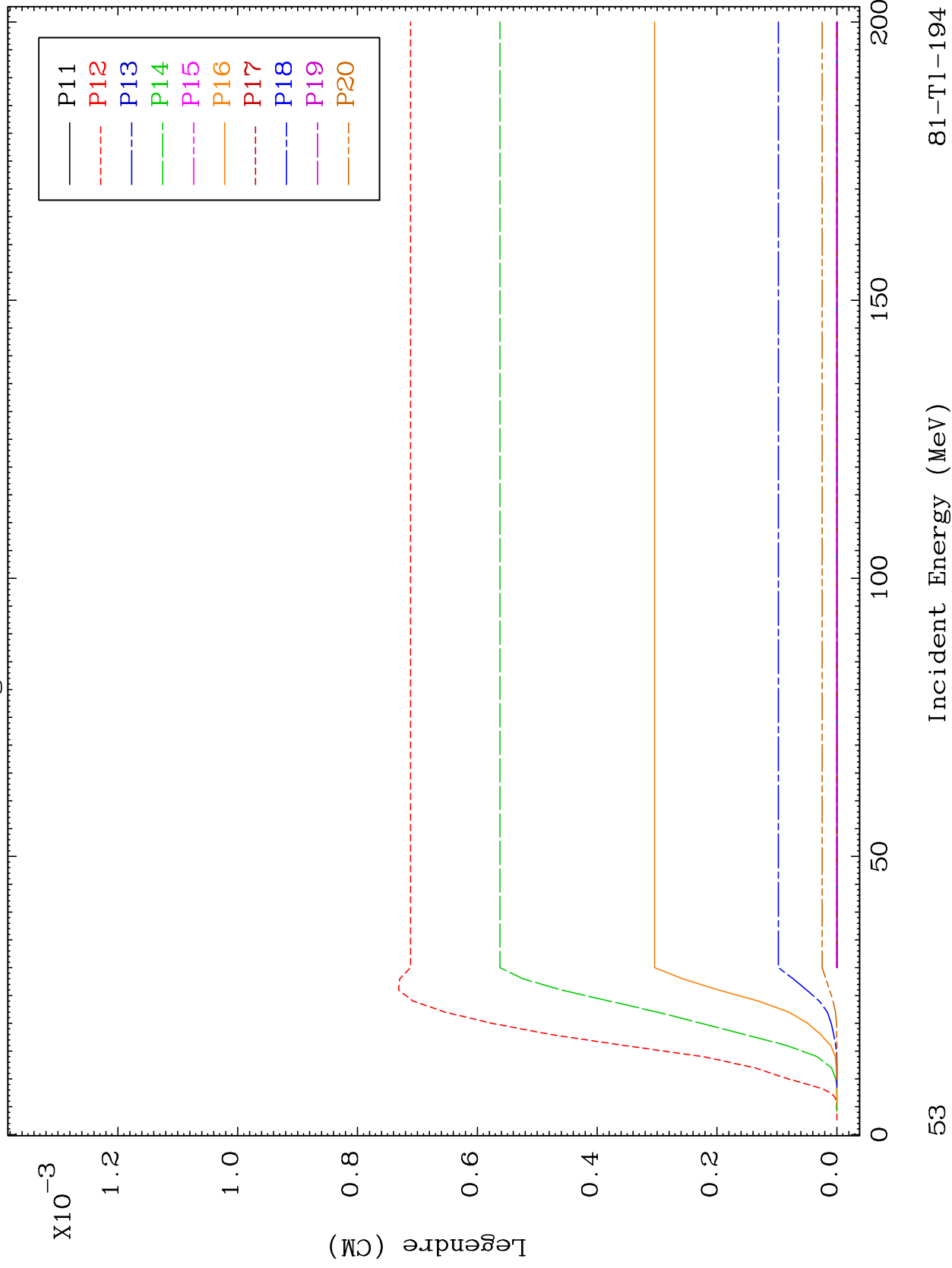




MAT 8098

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

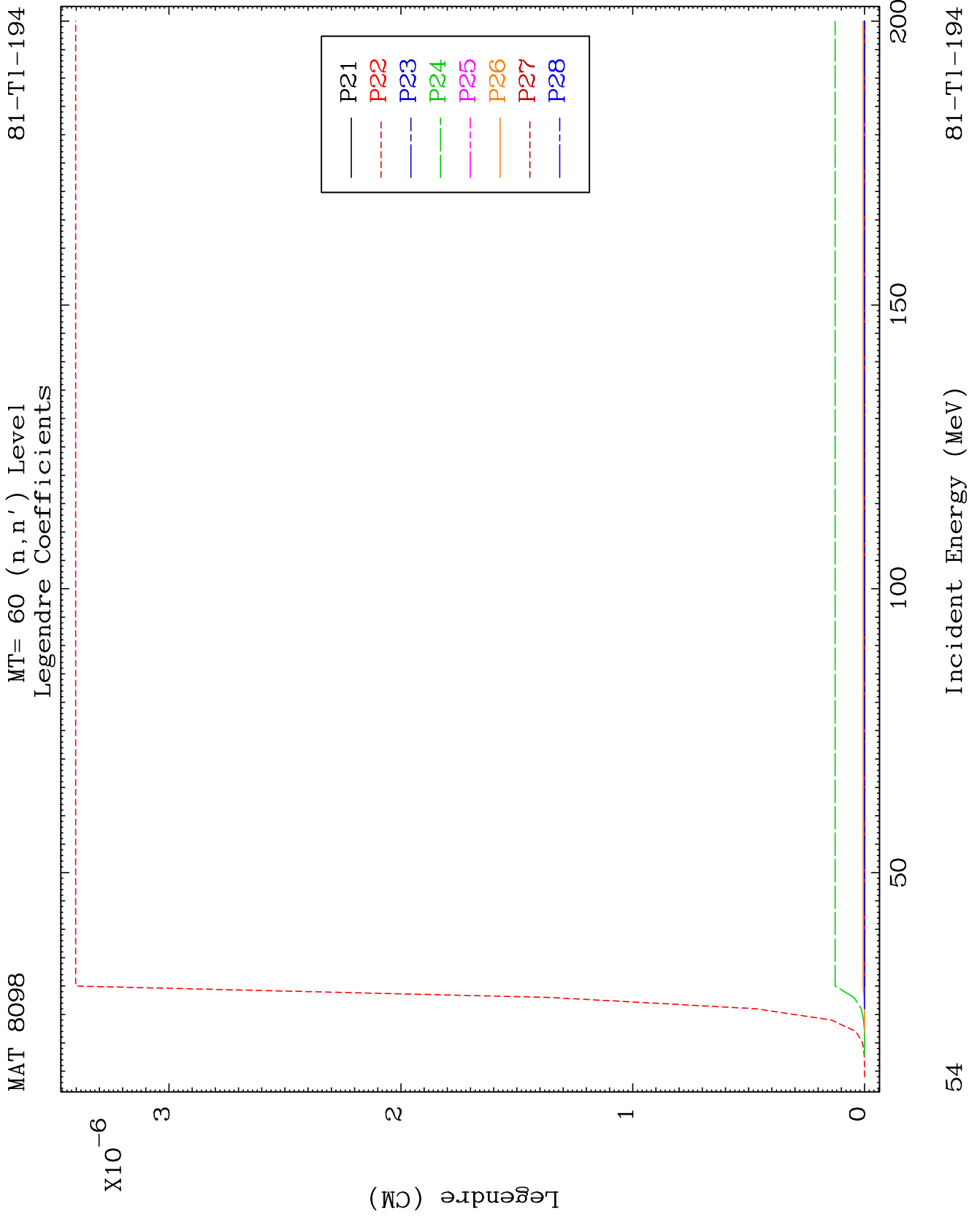
81-Tl-194



53

Incident Energy (MeV)

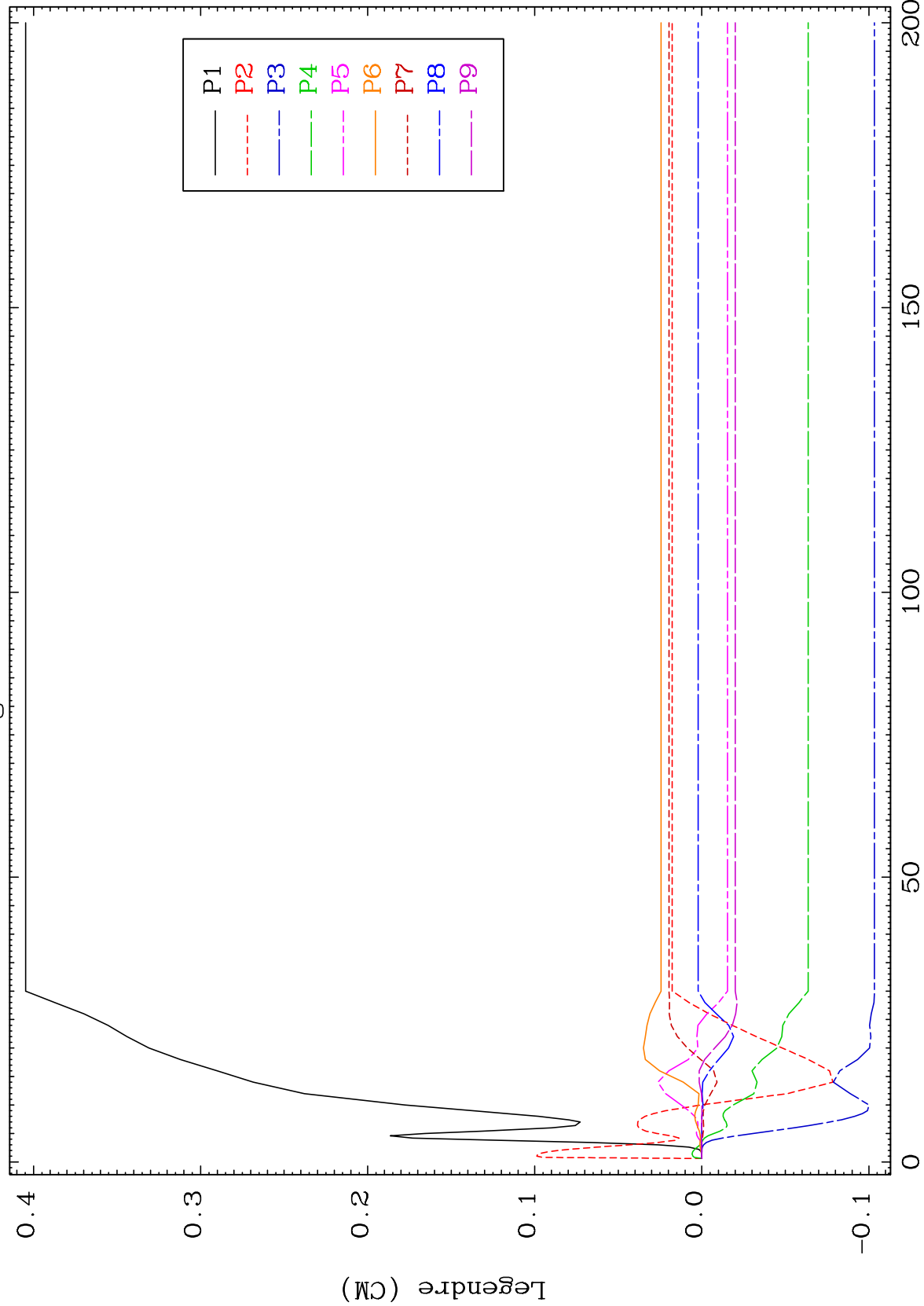
81-Tl-194



MAT 8098

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

81-Tl-194



55

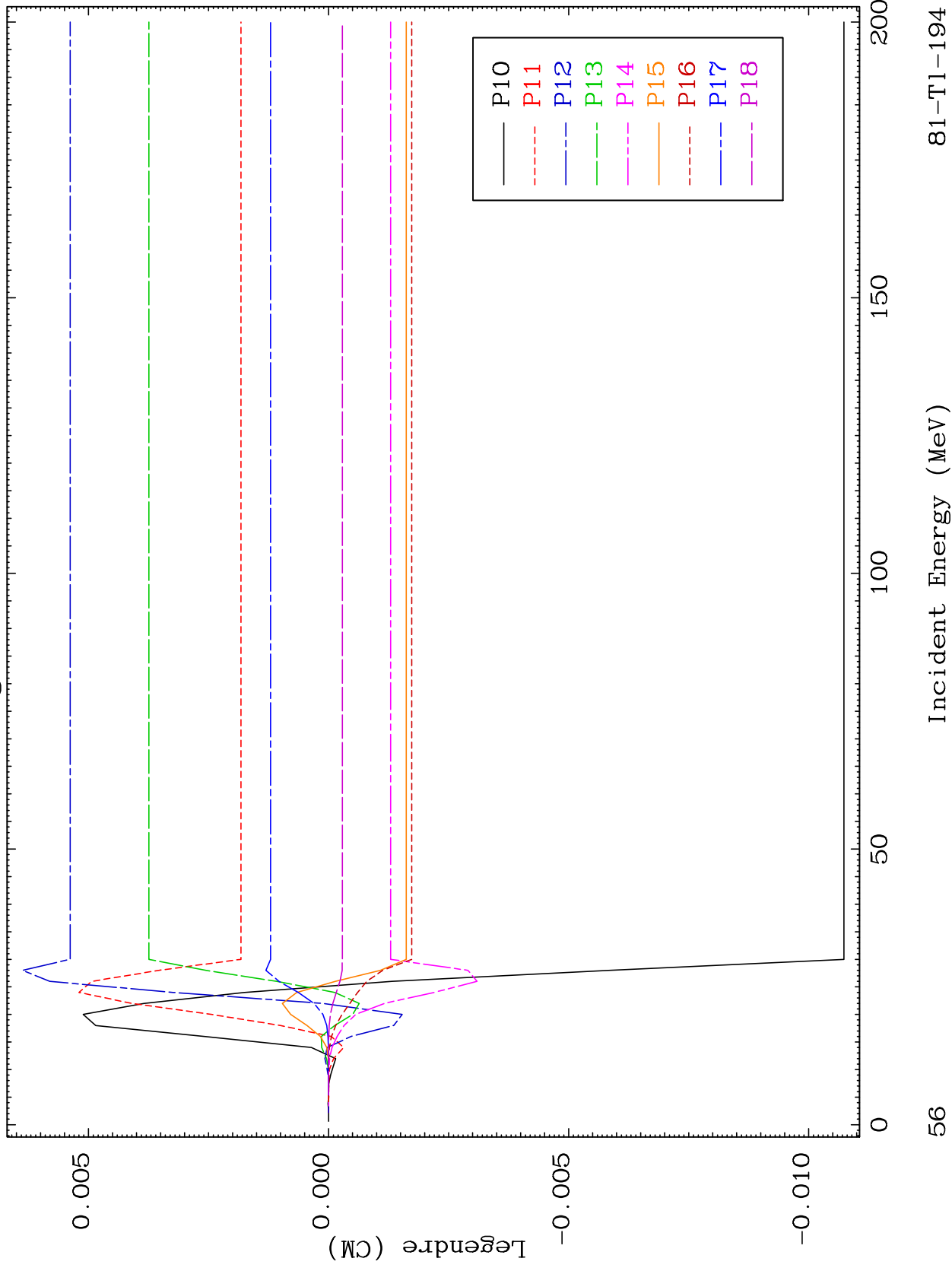
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

81-Tl-194



56

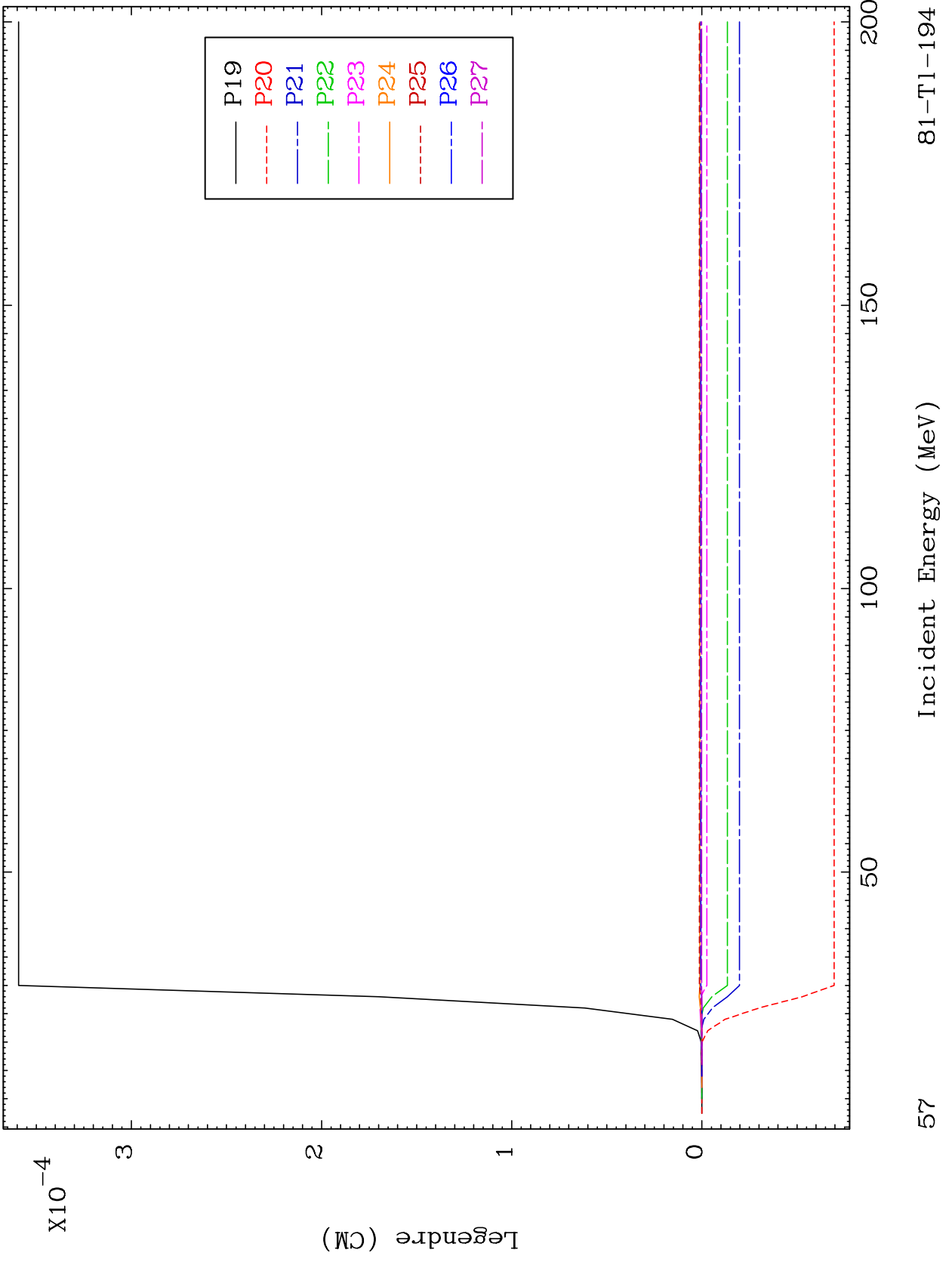
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

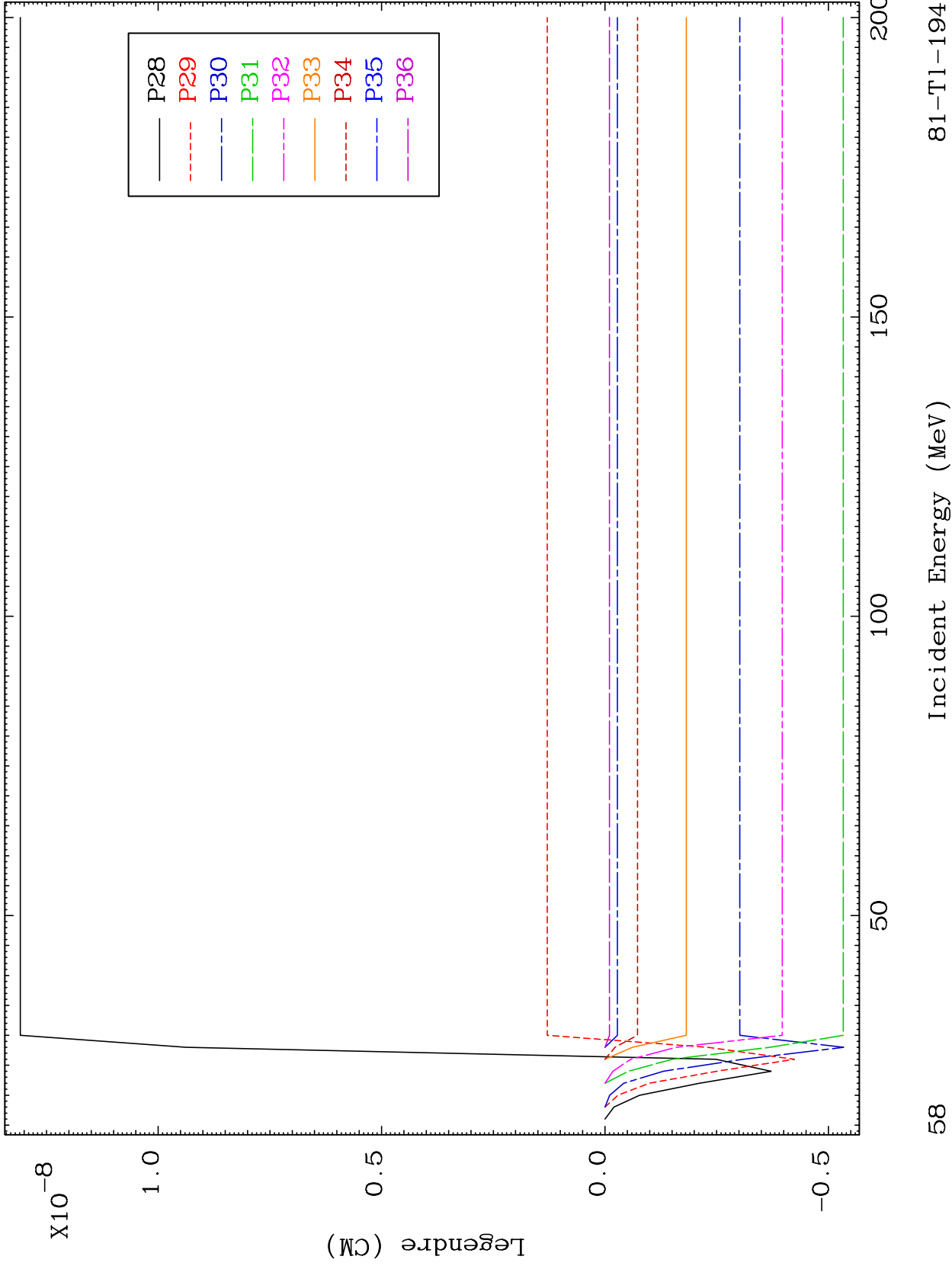
81-Tl-194



MAT 8098

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

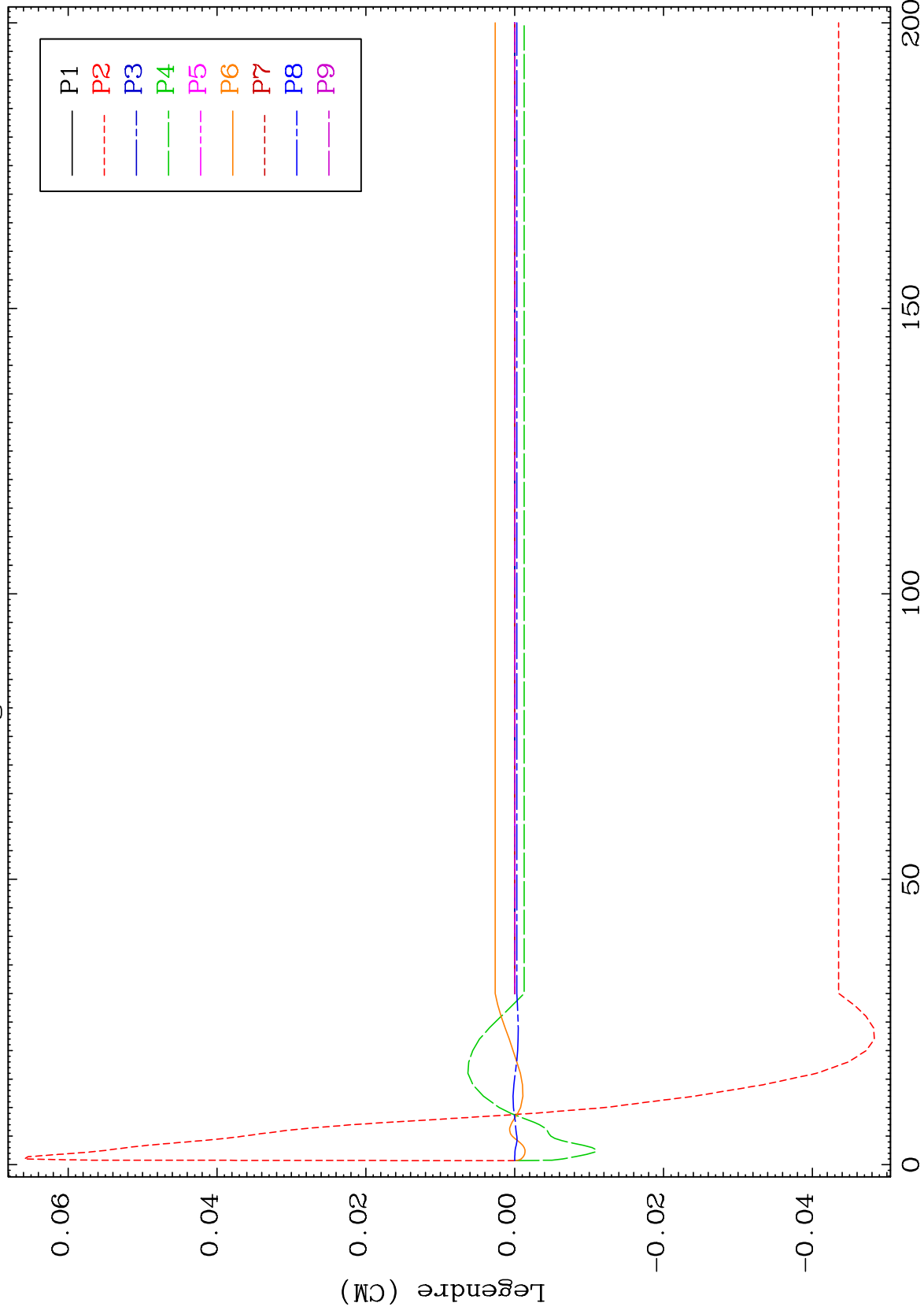
81-Tl-194



MAT 8098

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

81-Tl-194



59

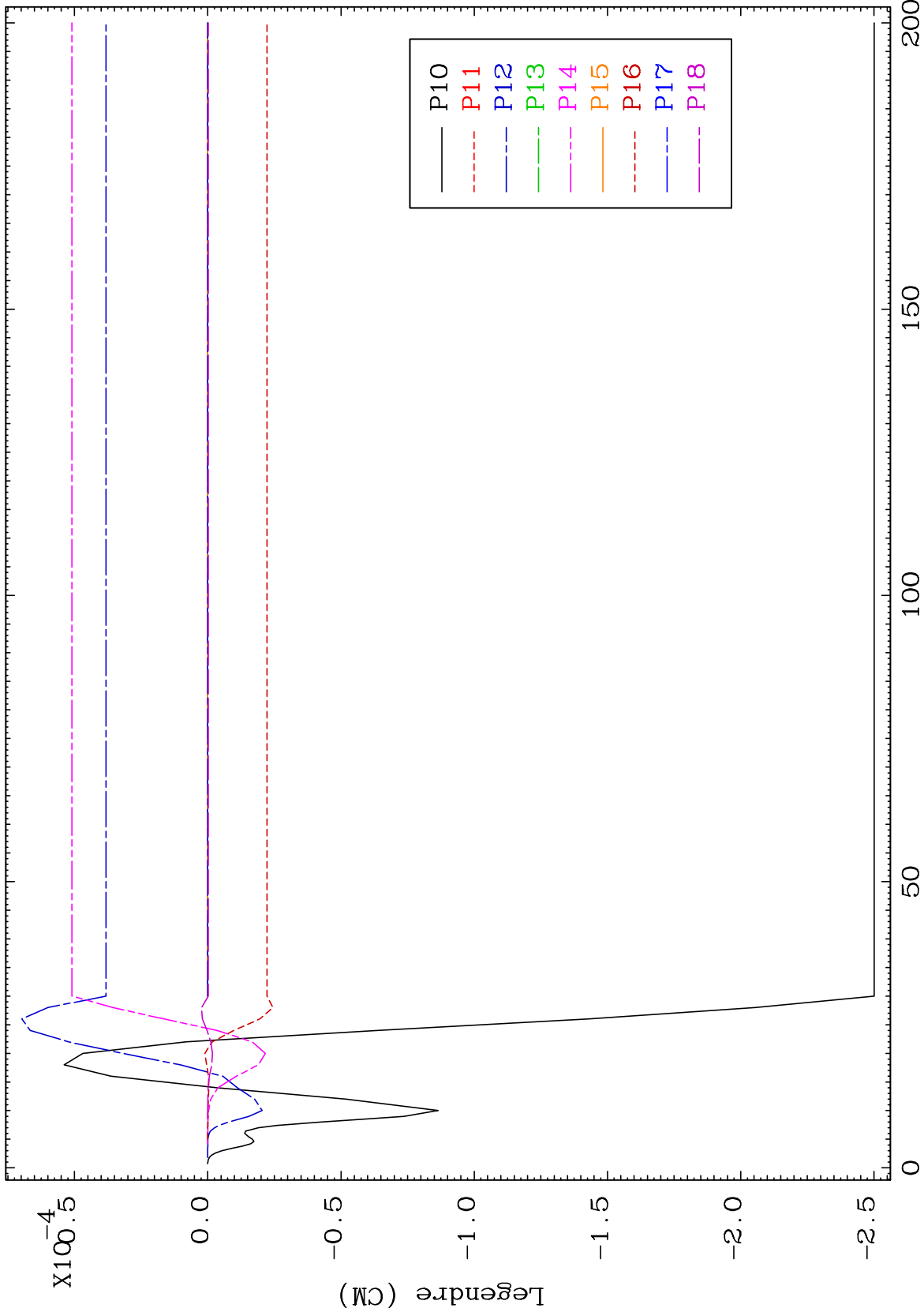
Incident Energy (MeV)

81-Tl-194

MAT 8098

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

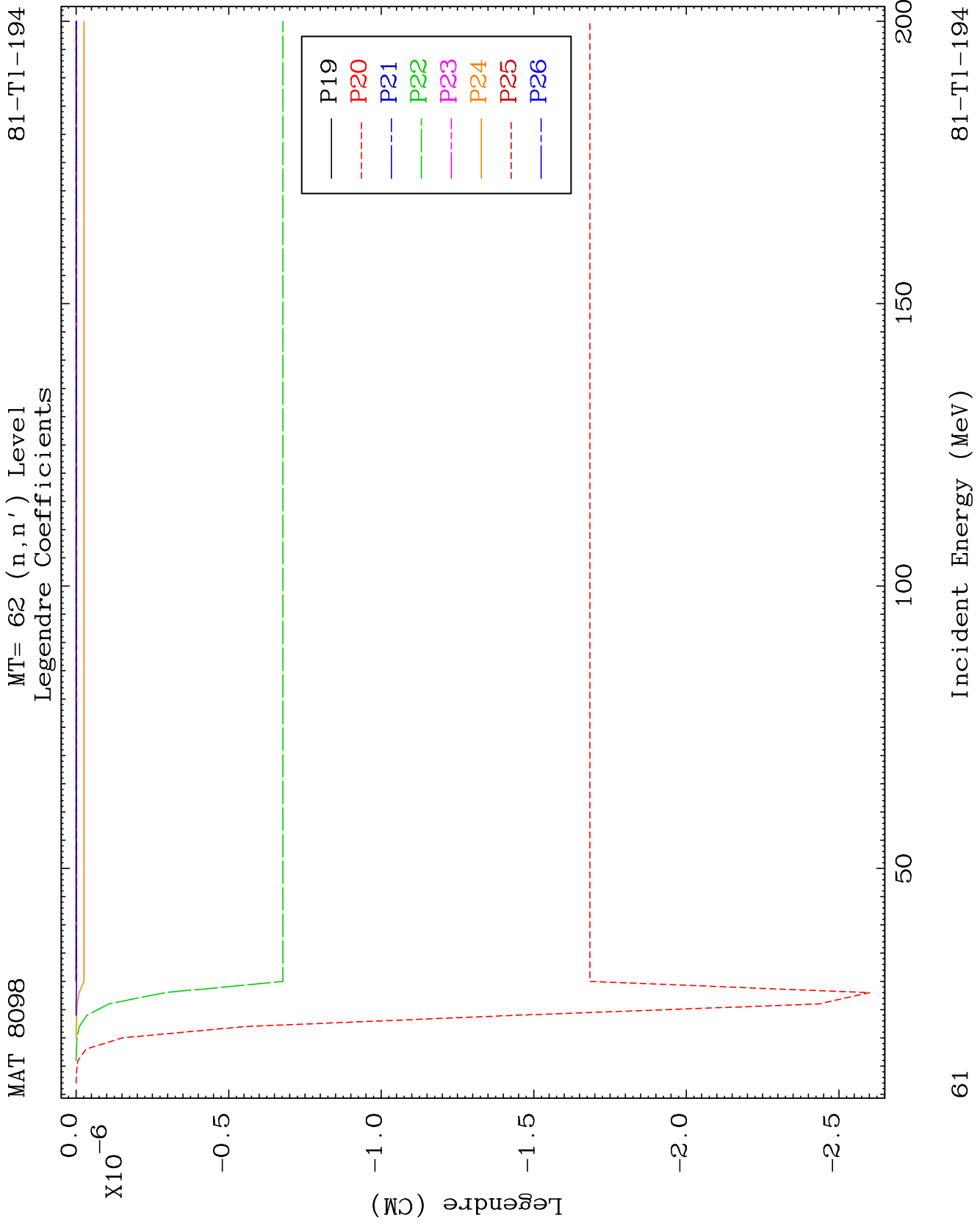
81-Tl-194



60

Incident Energy (MeV)

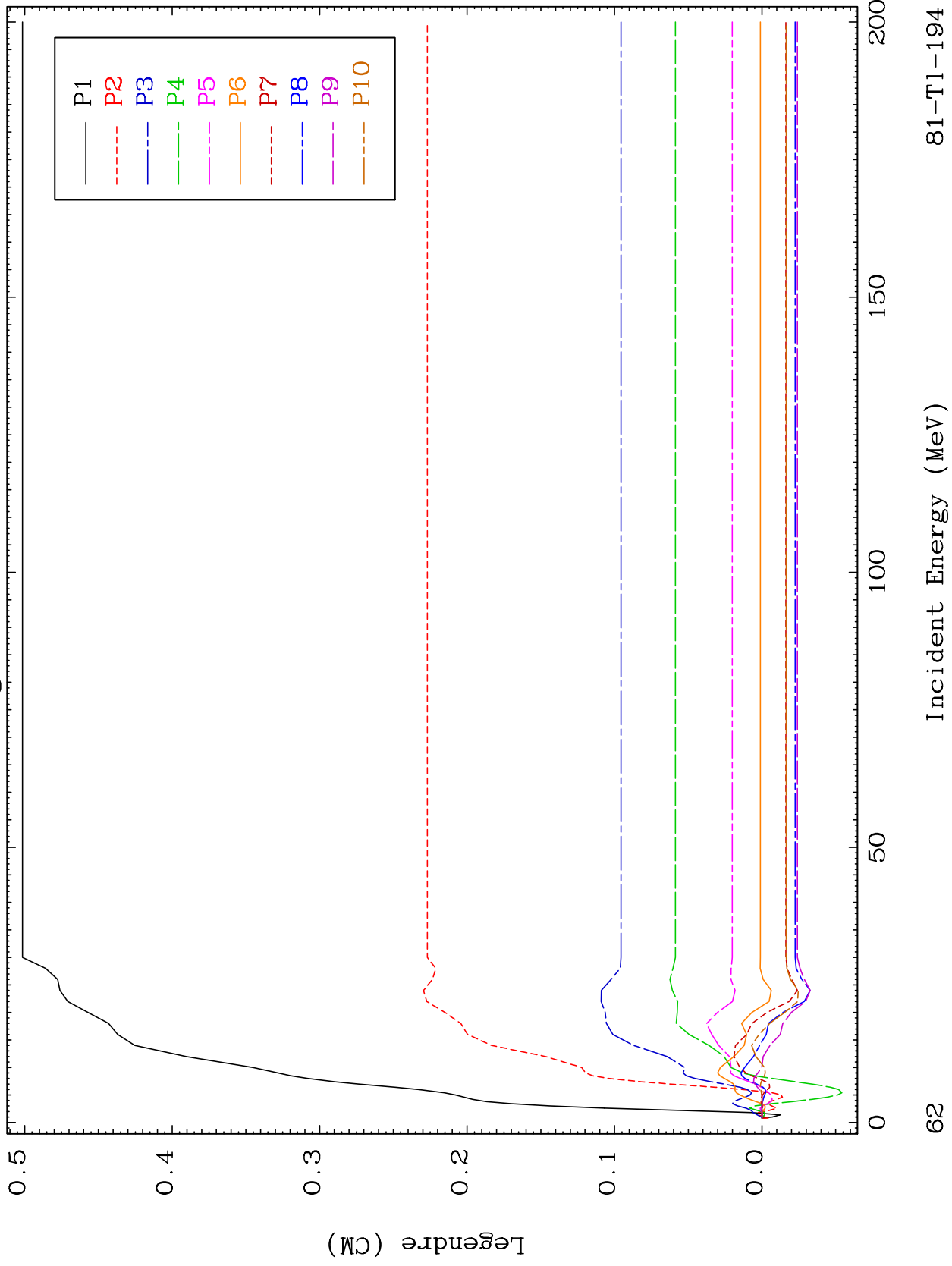
81-Tl-194



MAT 8098

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

81-Tl-194



81-Tl-194

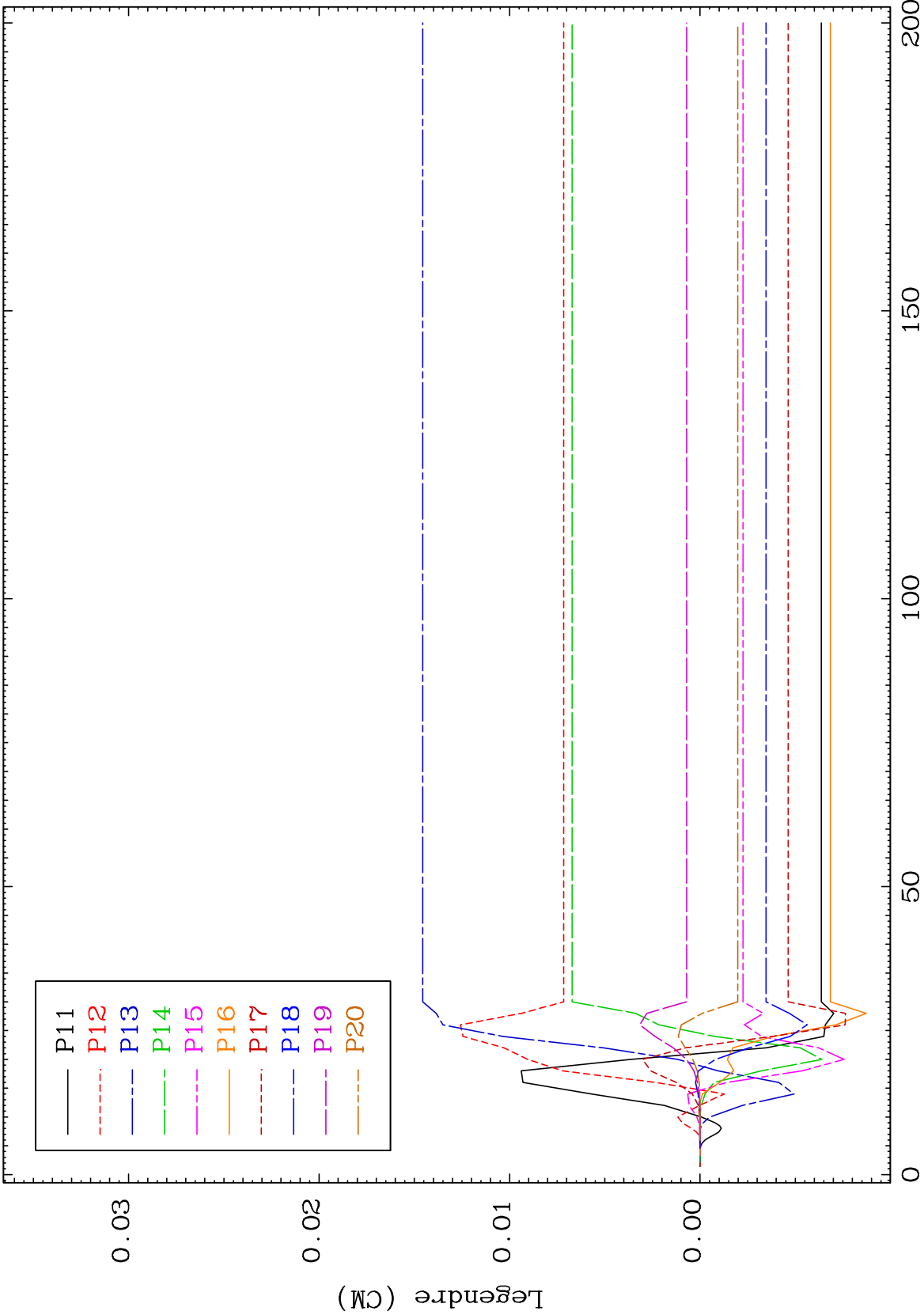
Incident Energy (MeV)

62

MAT 8098

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

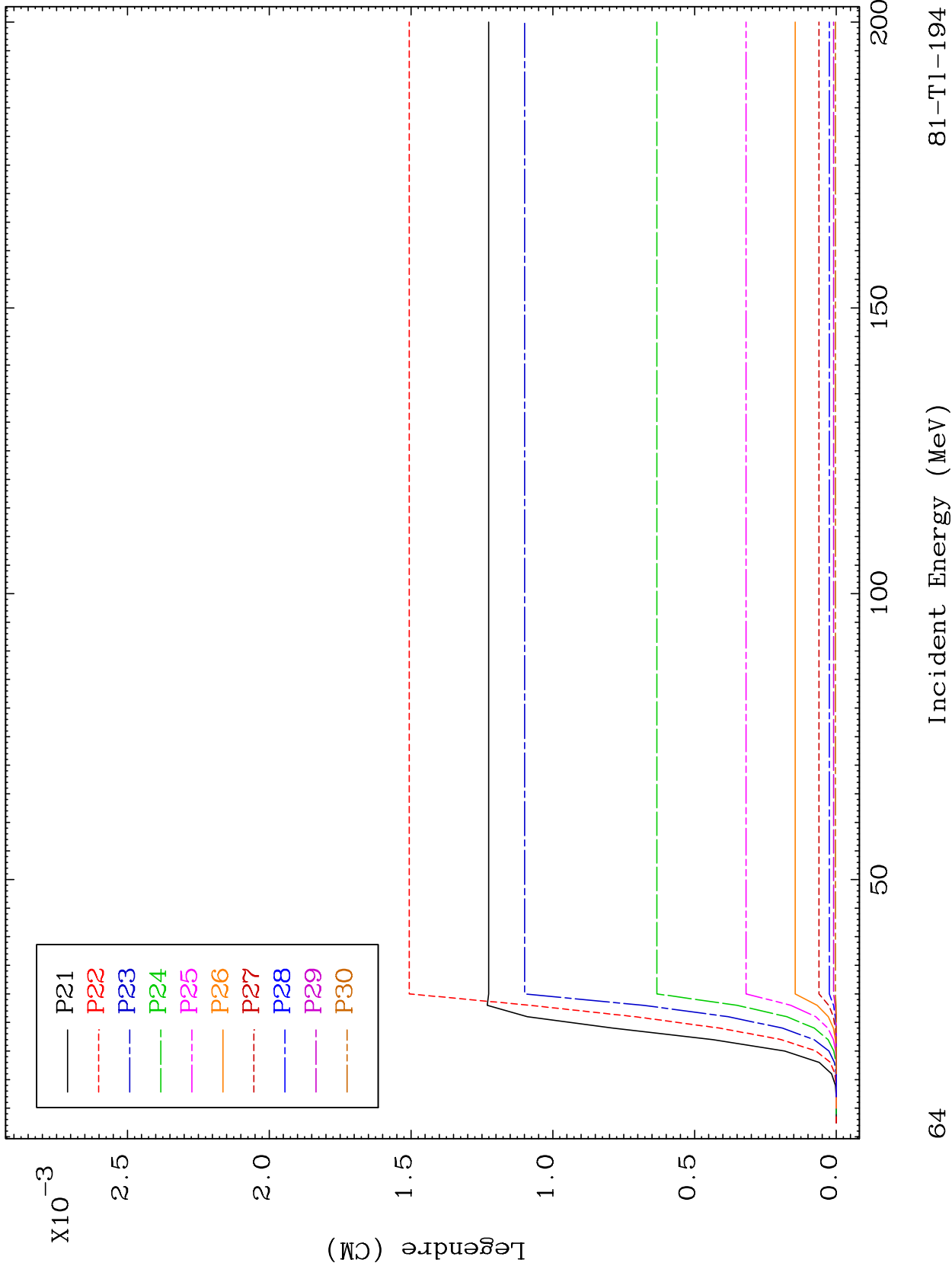
81-Tl-194



63

Incident Energy (MeV)

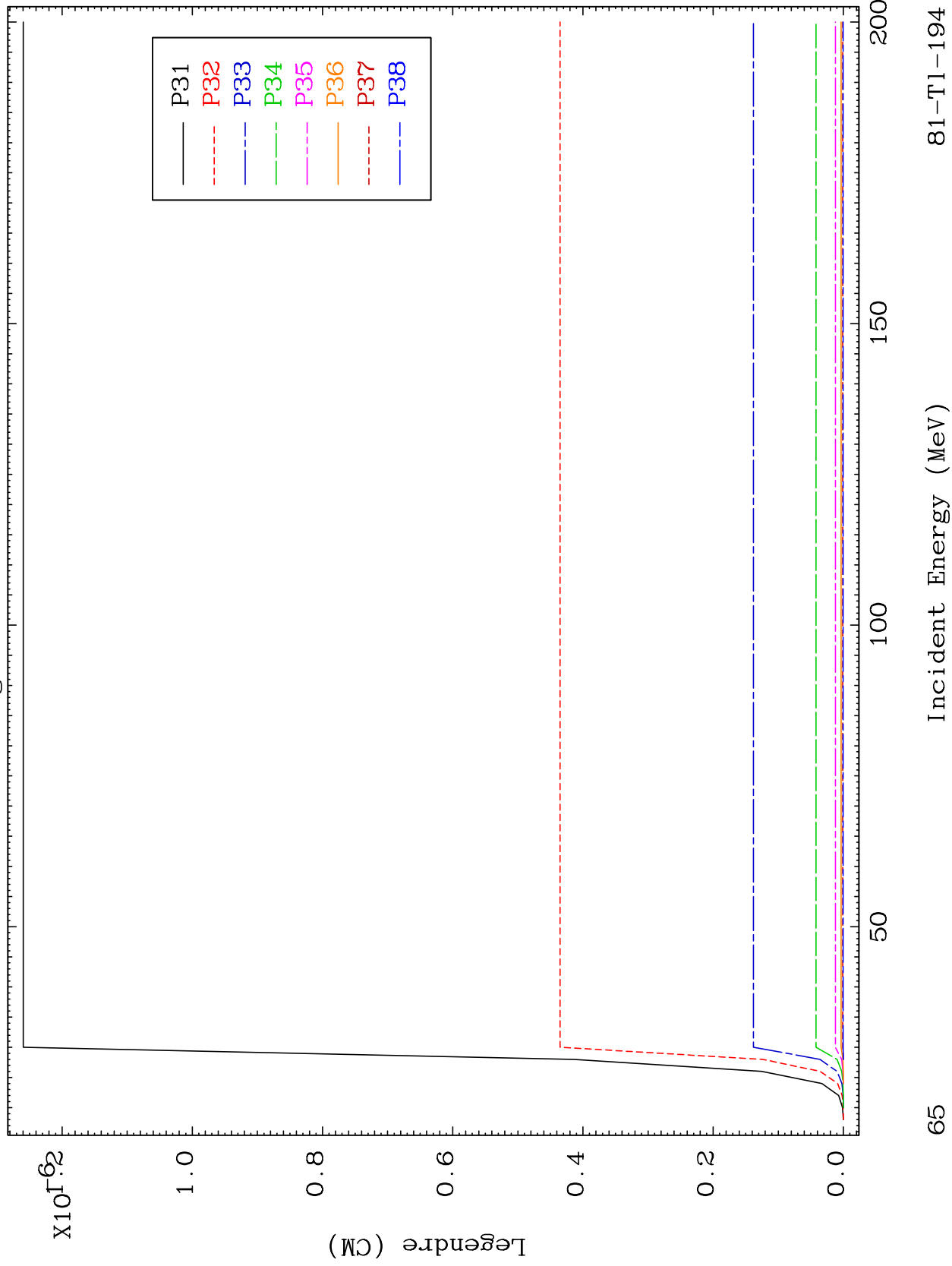
81-Tl-194



MAT 8098

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

81-Tl-194



81-Tl-194

Incident Energy (MeV)

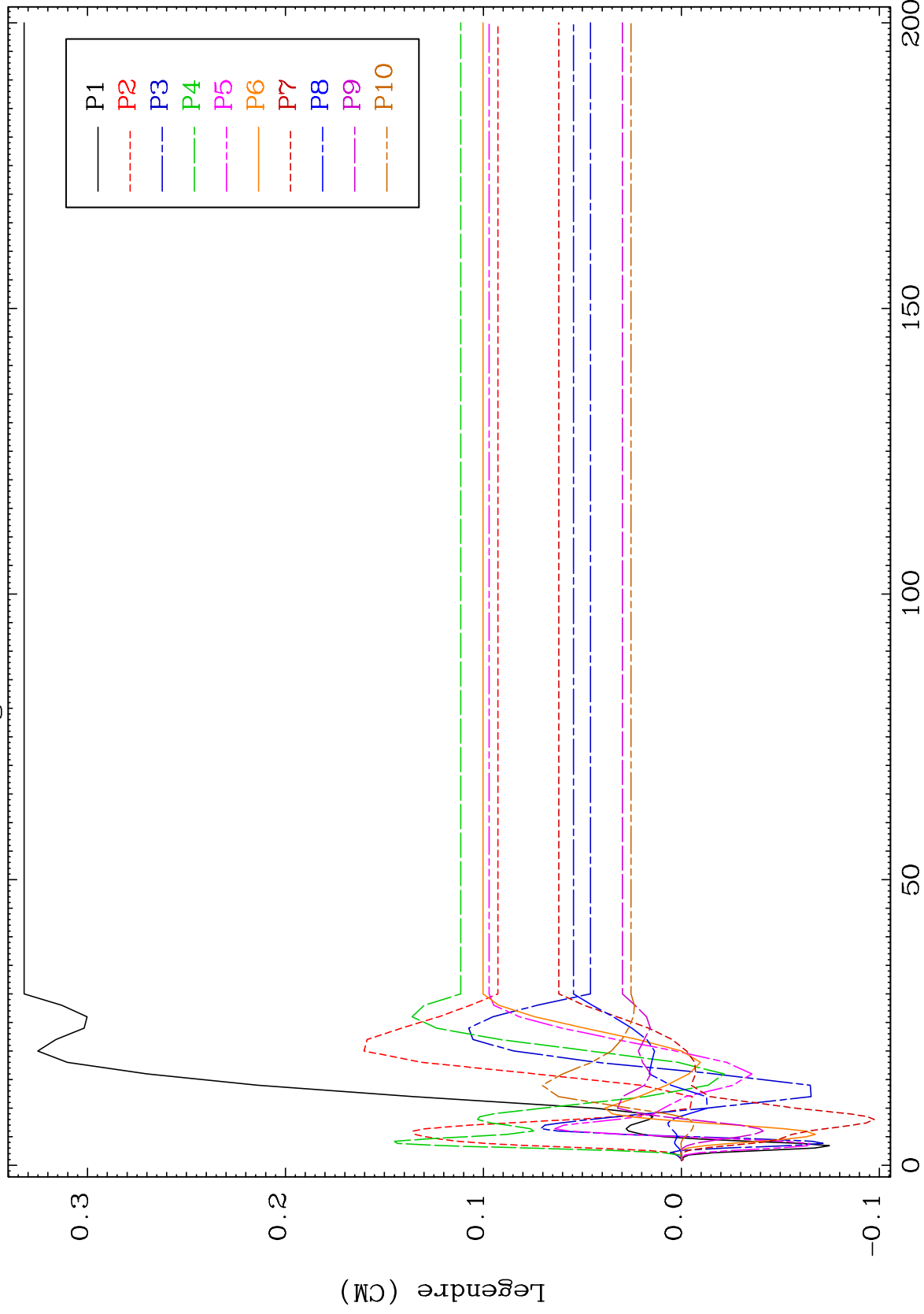
65

MAT 8098

MT= 64 (n,n') Level

81-Tl-194

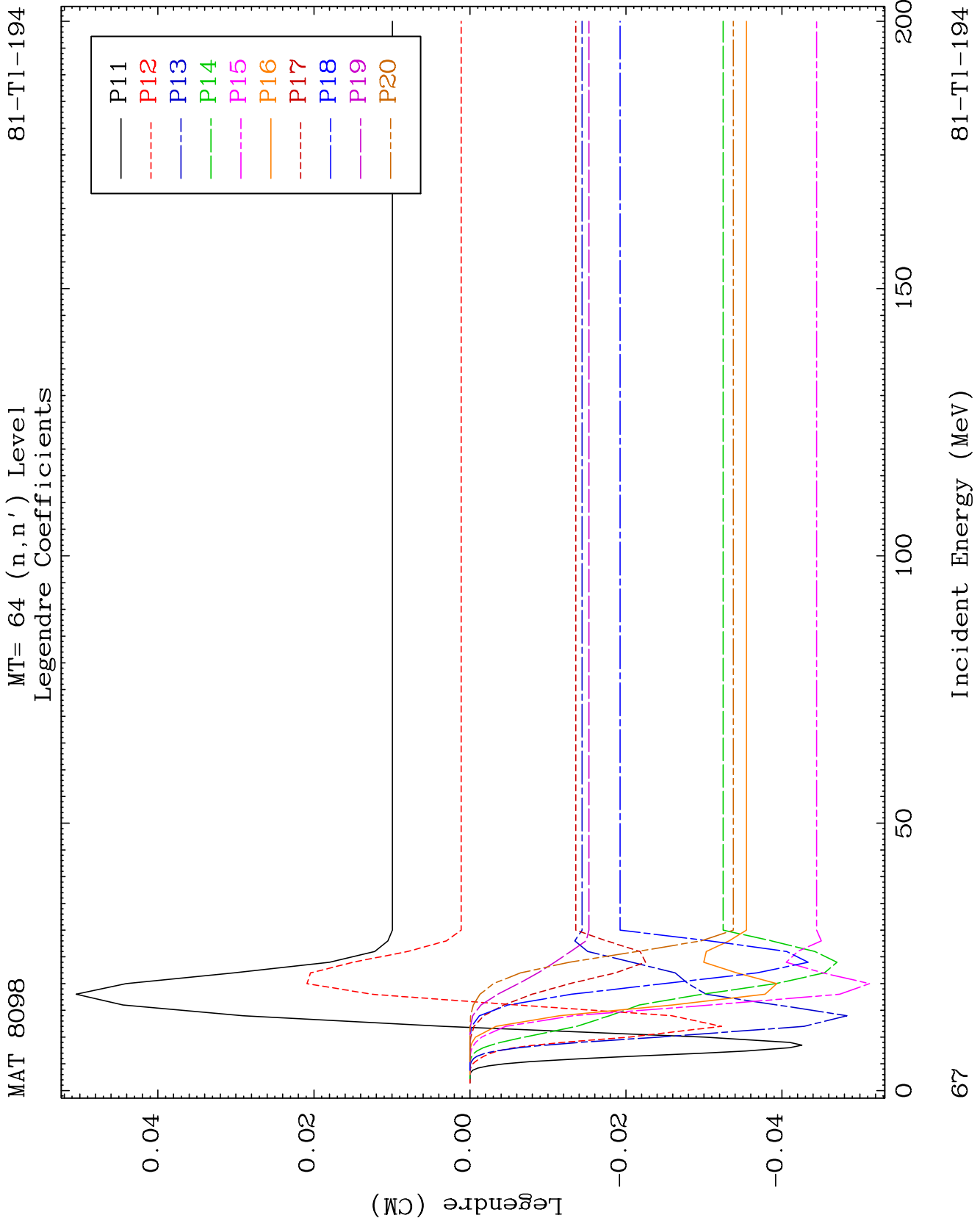
Legendre Coefficients



66

Incident Energy (MeV)

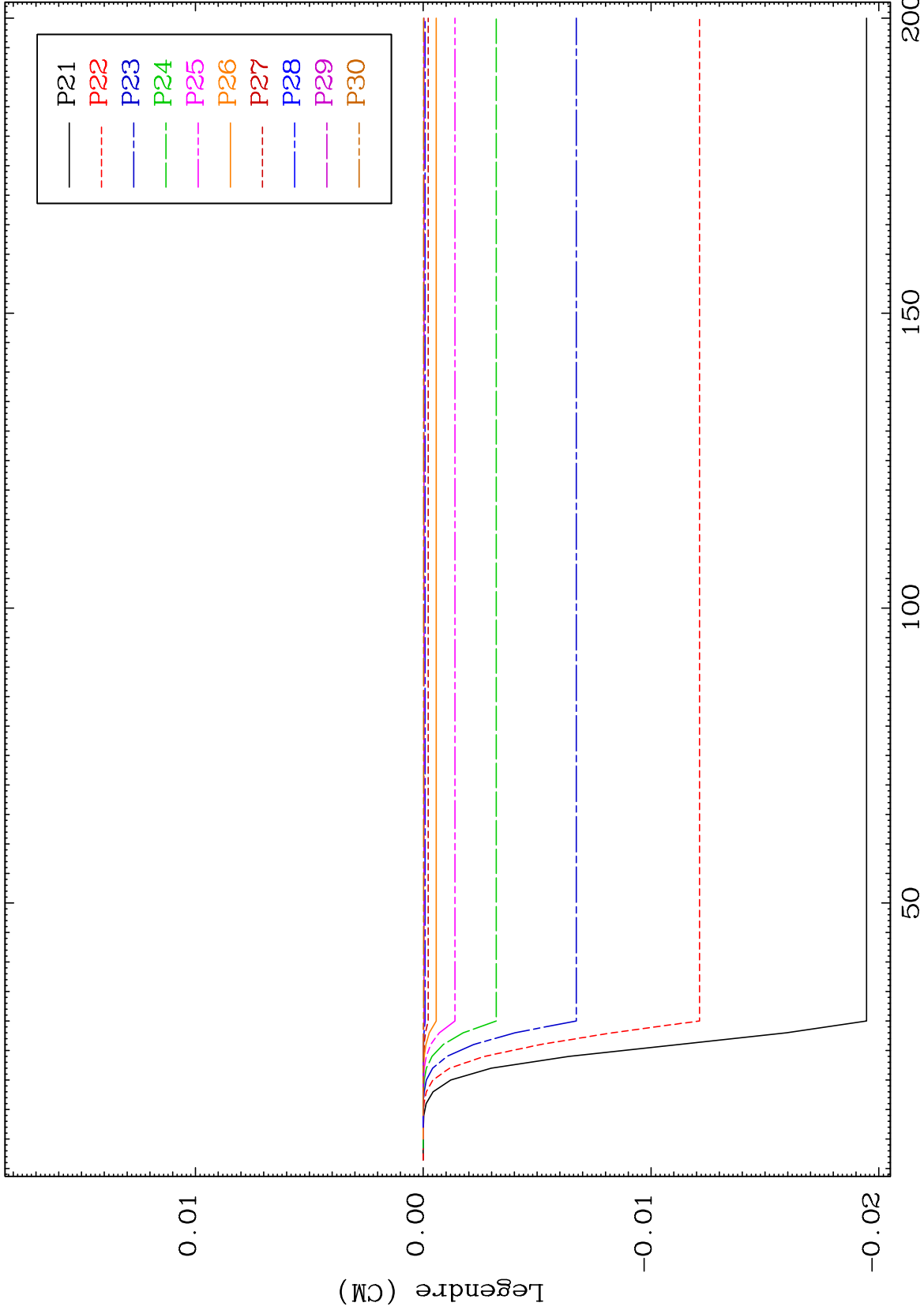
81-Tl-194



MAT 8098

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

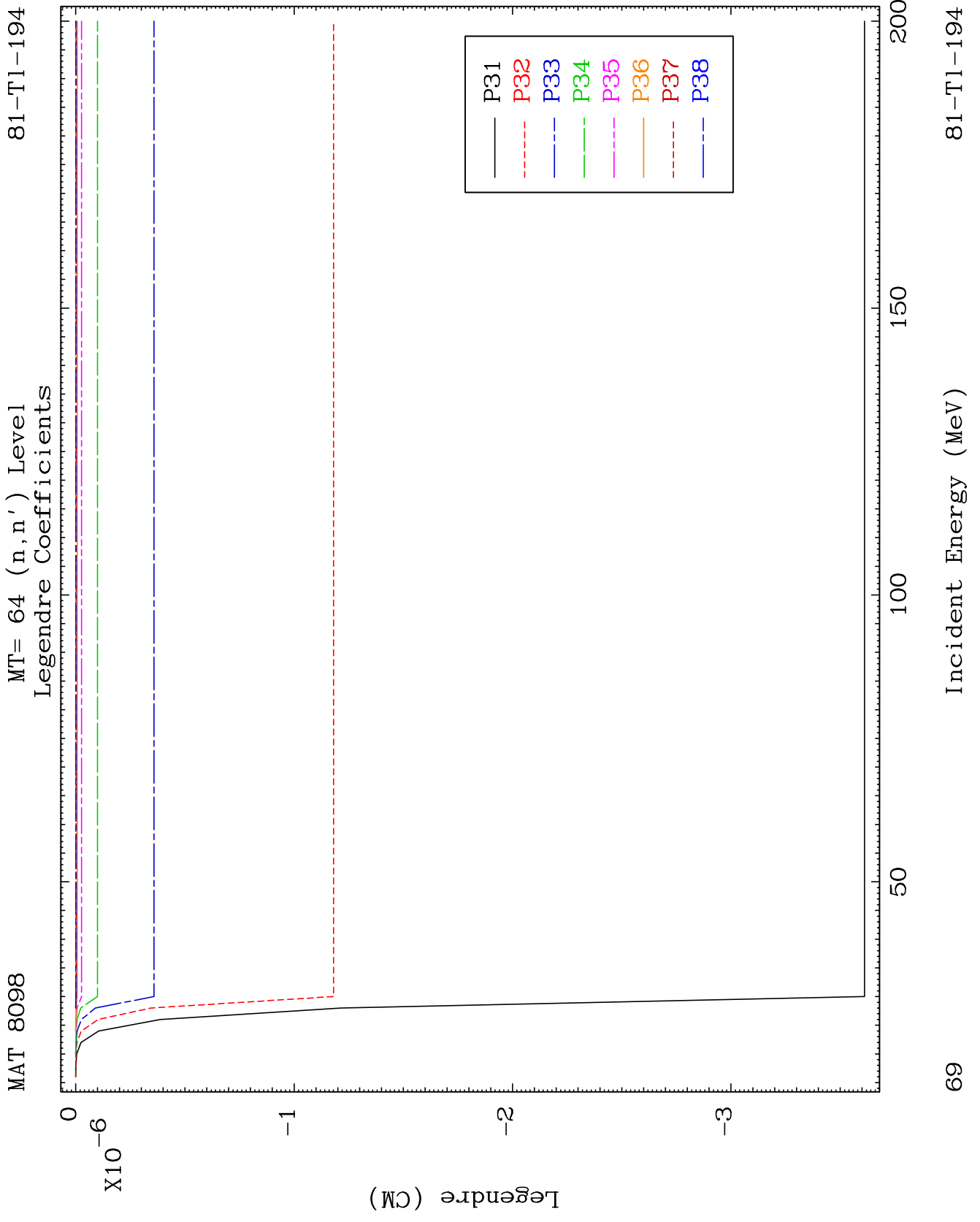
81-Tl-194

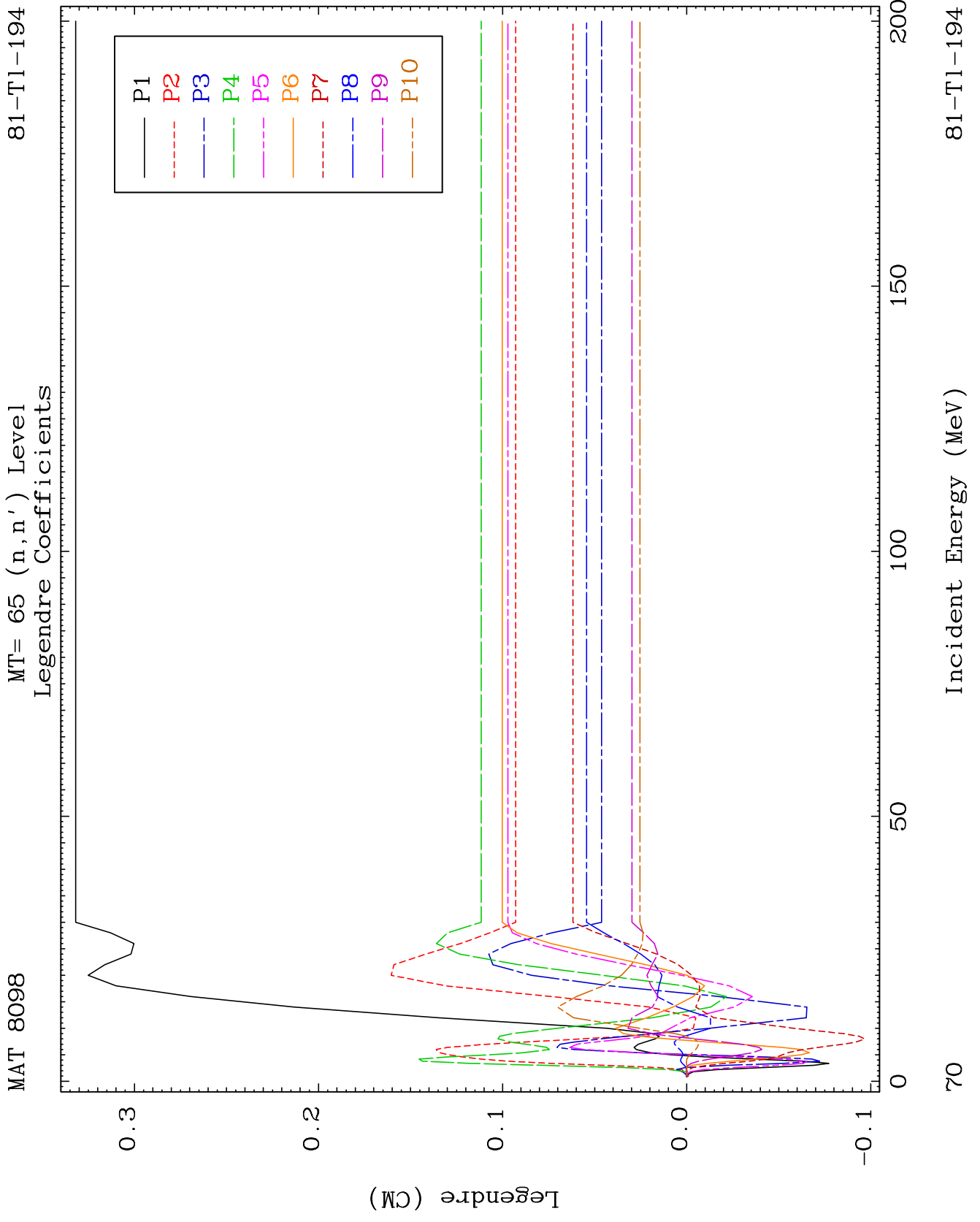


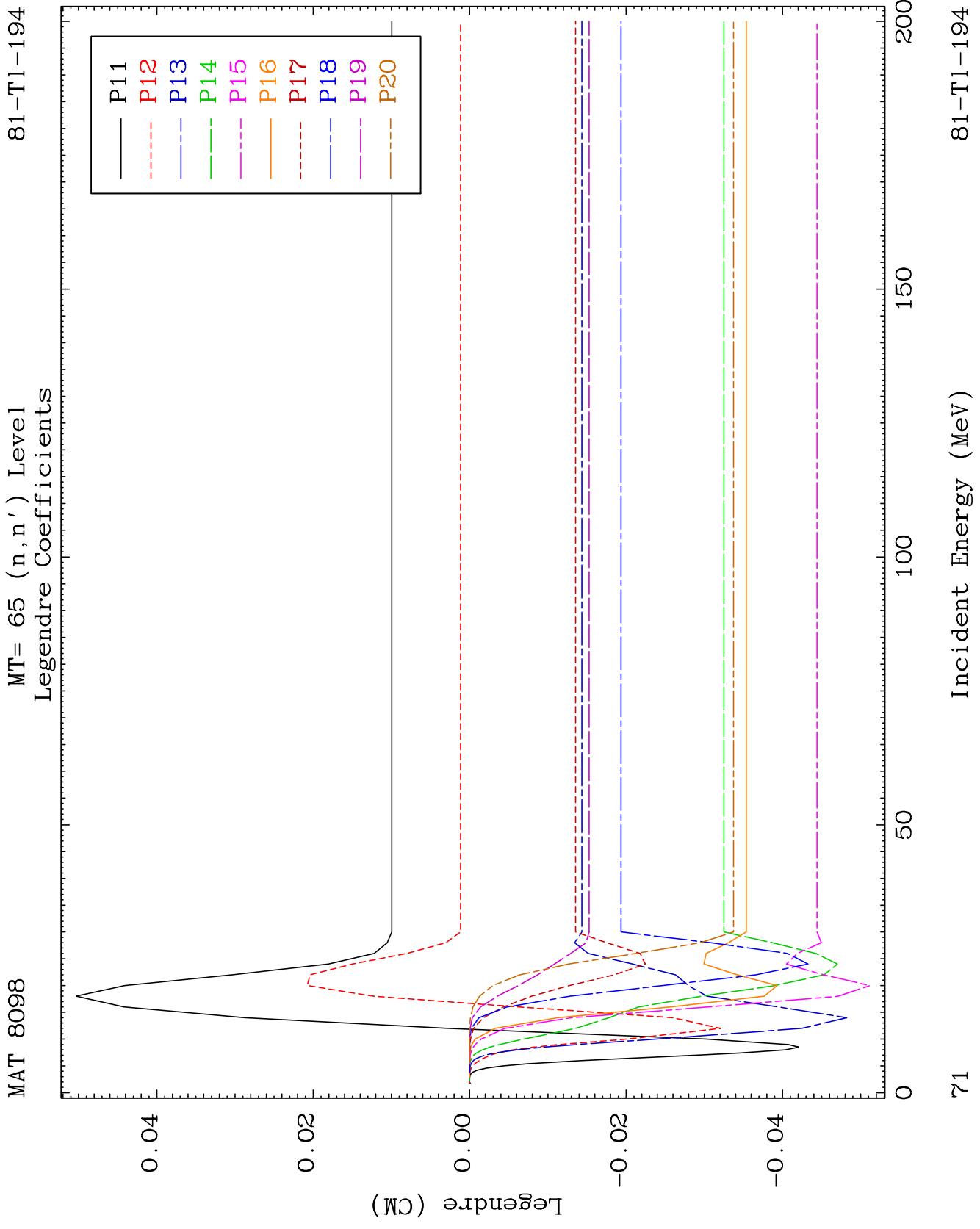
68

Incident Energy (MeV)

81-Tl-194



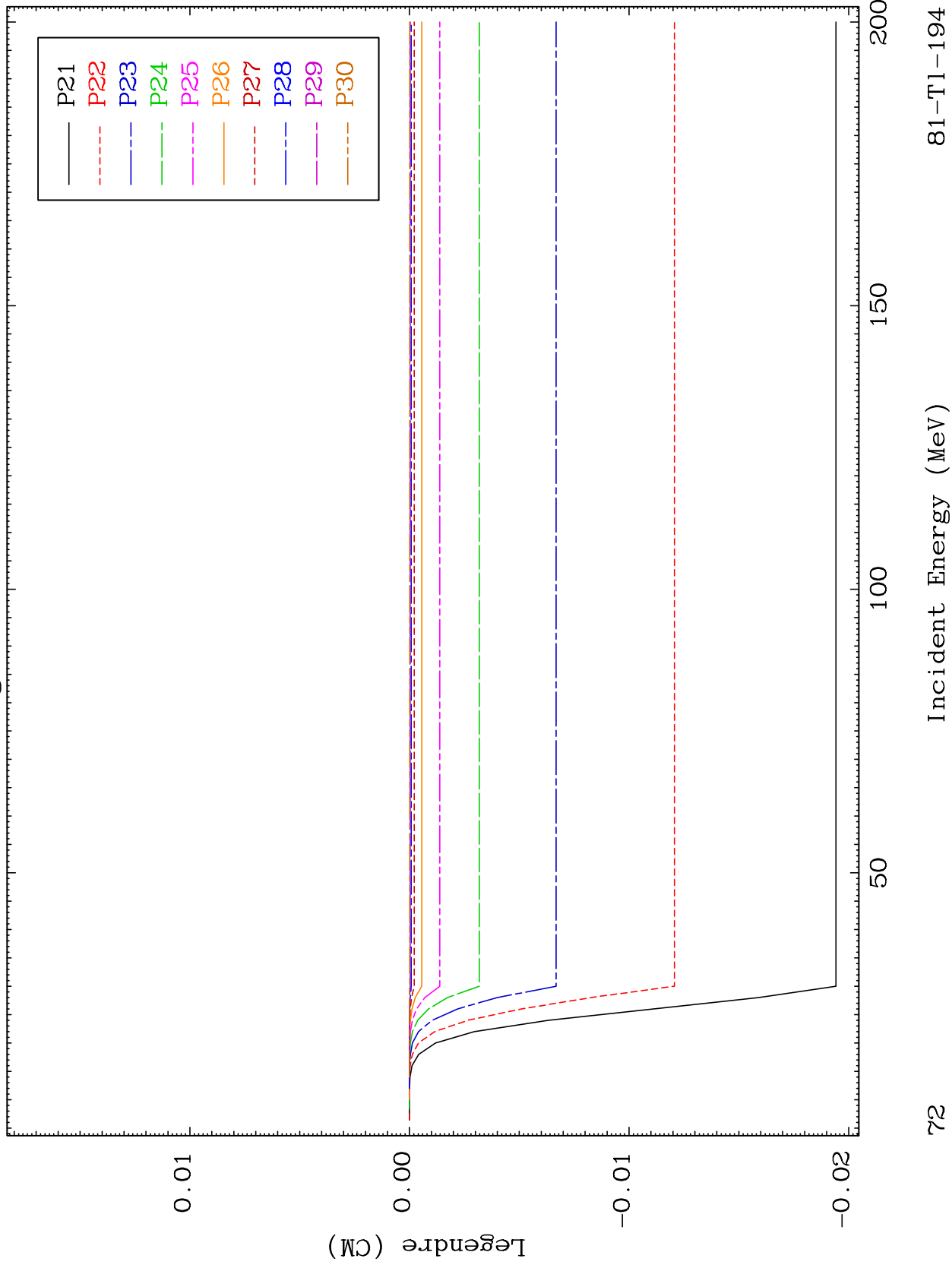




MAT 8098

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

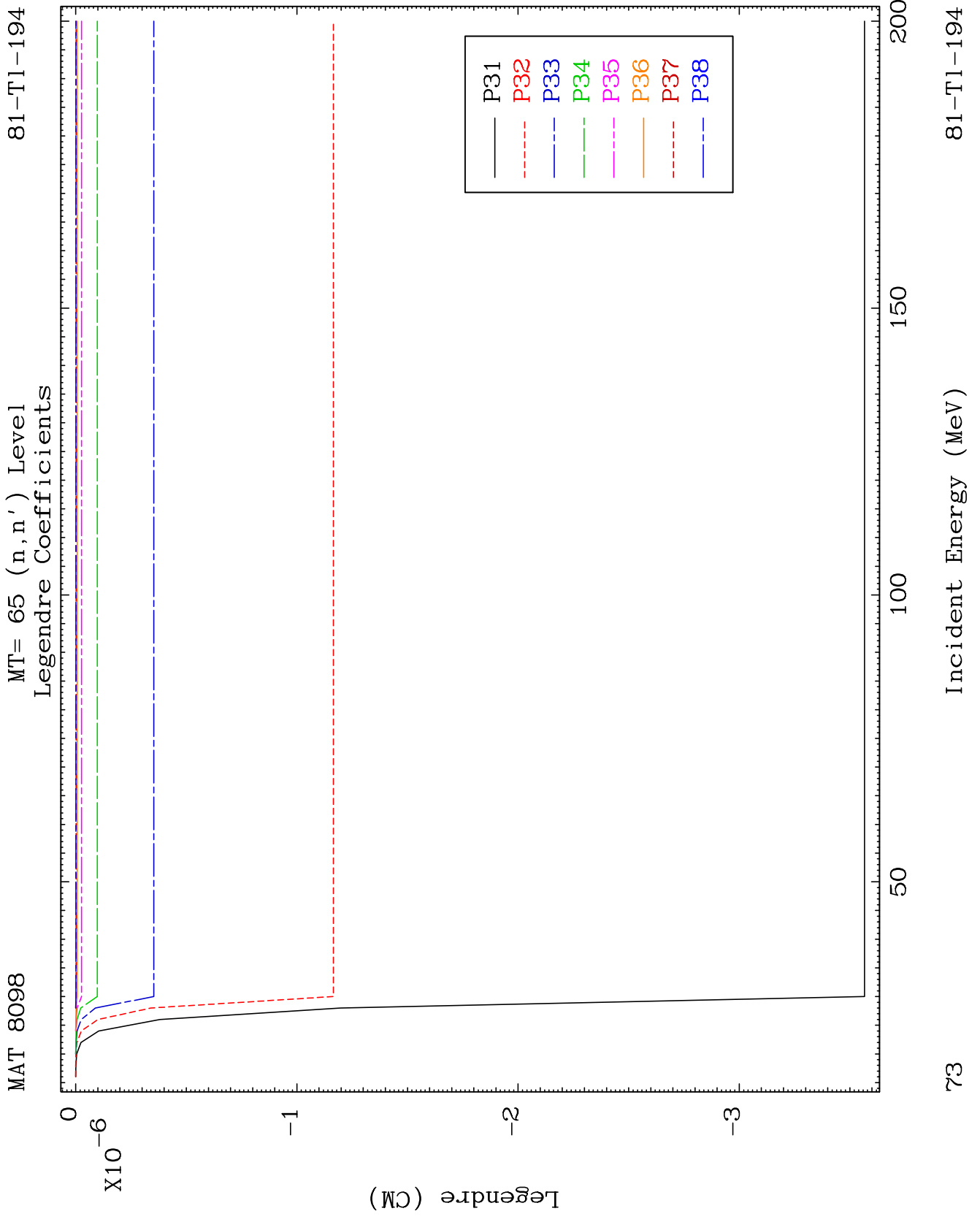
81-Tl-194



72

Incident Energy (MeV)

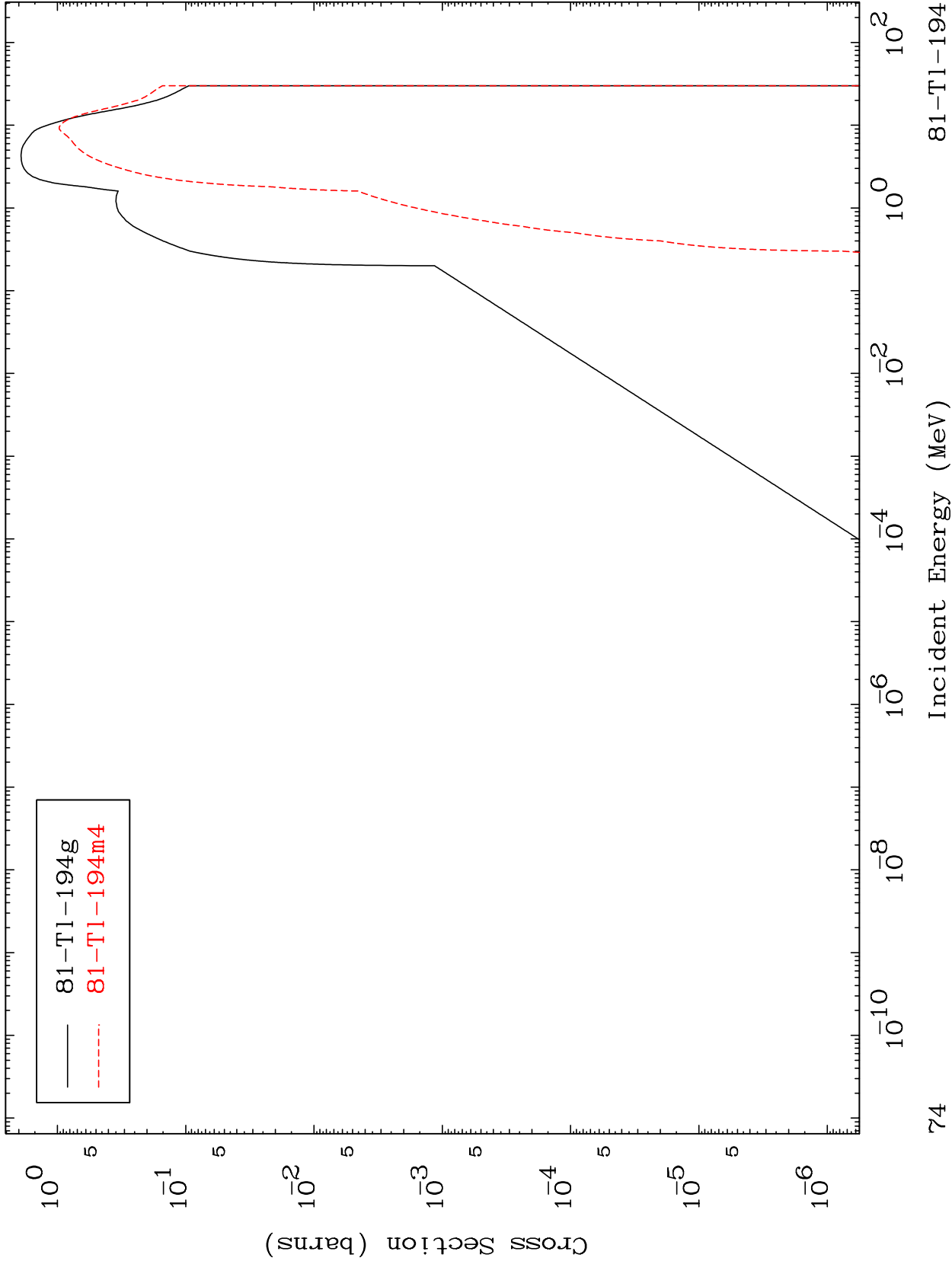
81-Tl-194



MAT 8098

Inelastic
Radionuclide Production Cross Section

81-Tl-194

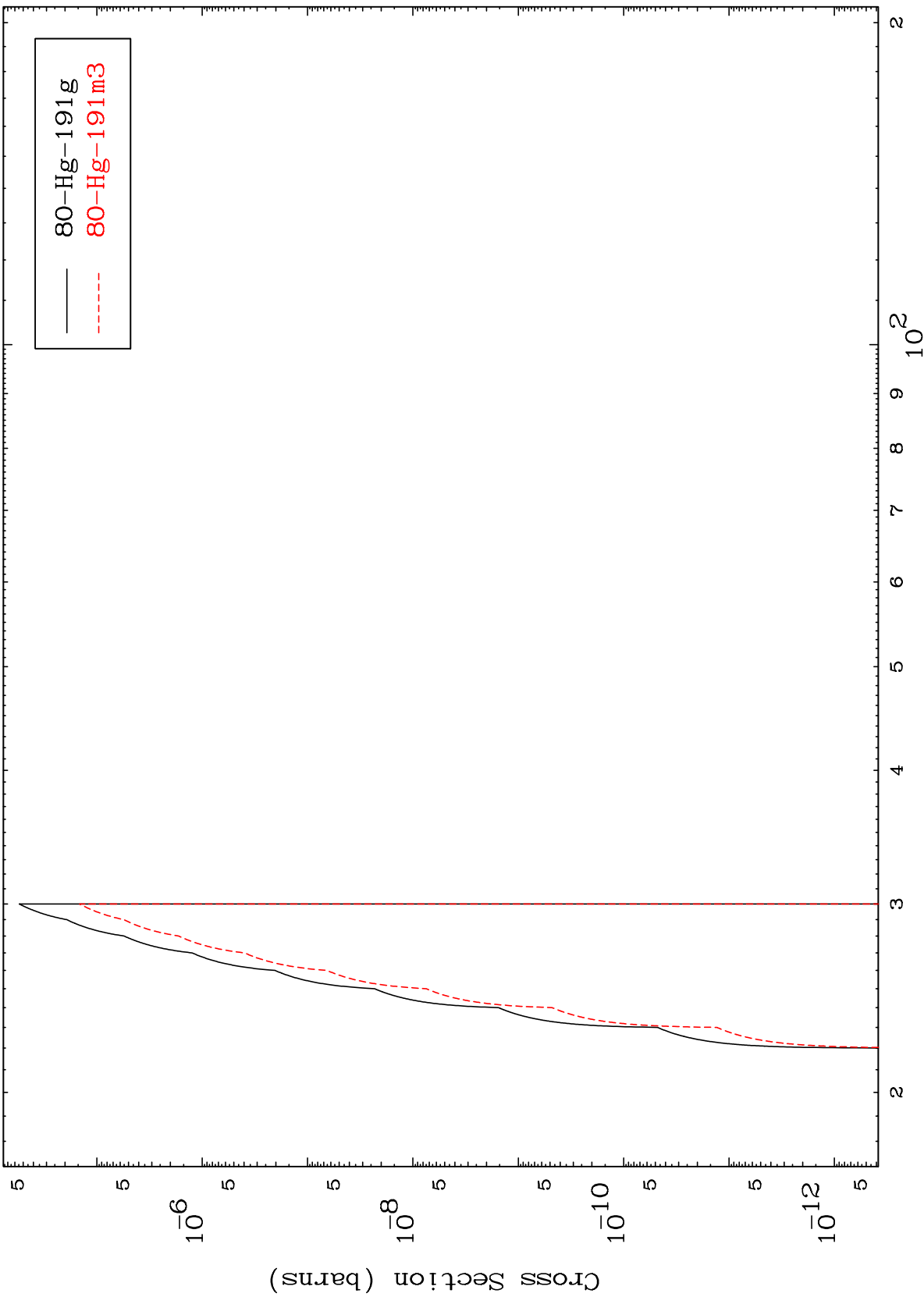


MAT 8098

(n,2n) d

81-Tl-194

Radionuclide Production Cross Section



75

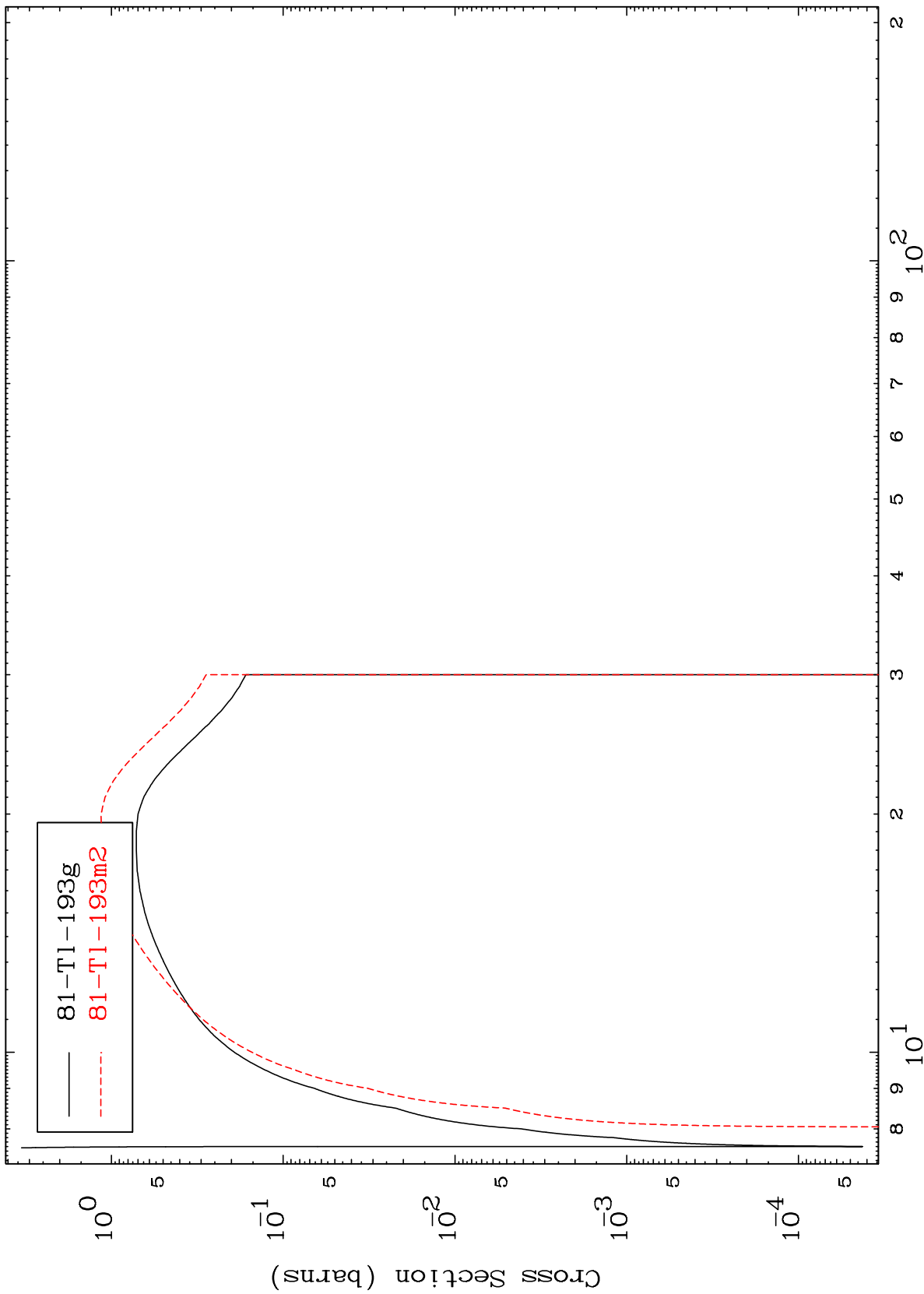
Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

(n,2n)
Radionuclide Production Cross Section



81-Tl-193g
81-Tl-193m2

76

Incident Energy (MeV)

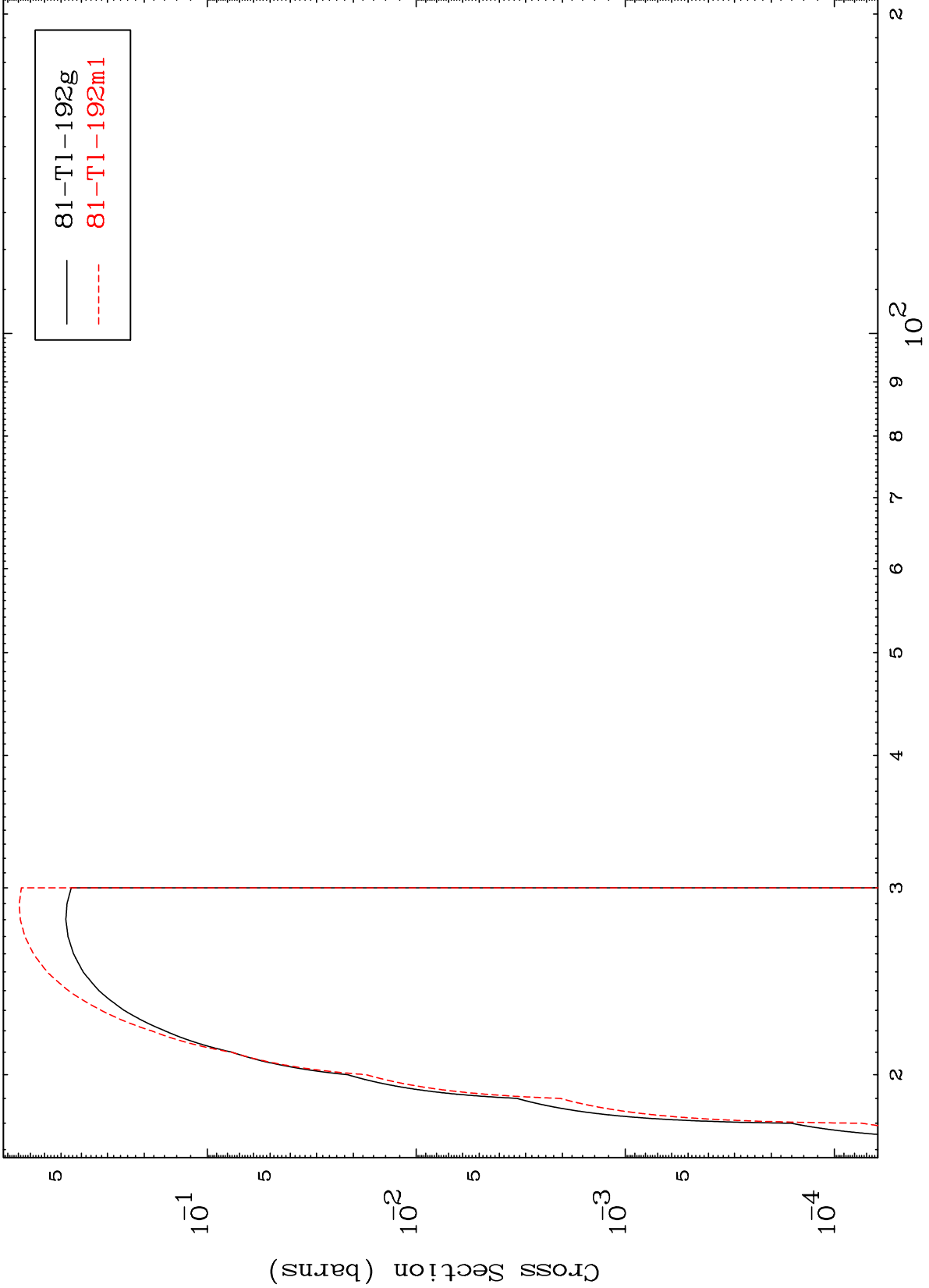
81-Tl-194

MAT 8098

(n,3n)

81-Tl-194

Radionuclide Production Cross Section



77

Incident Energy (MeV)

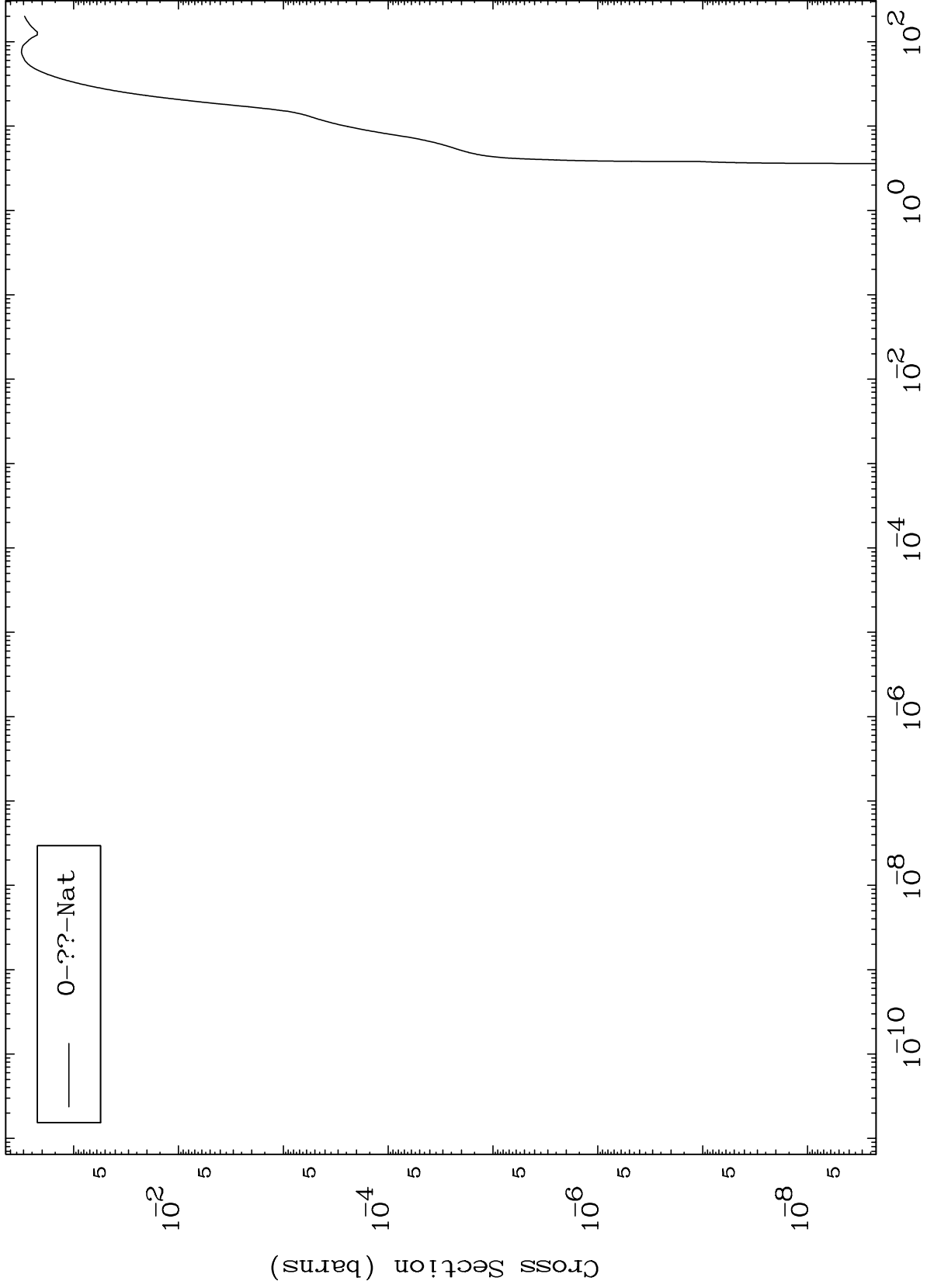
81-Tl-194

MAT 8098

Fission

81-Tl-194

Radionuclide Production Cross Section



78

Incident Energy (MeV)

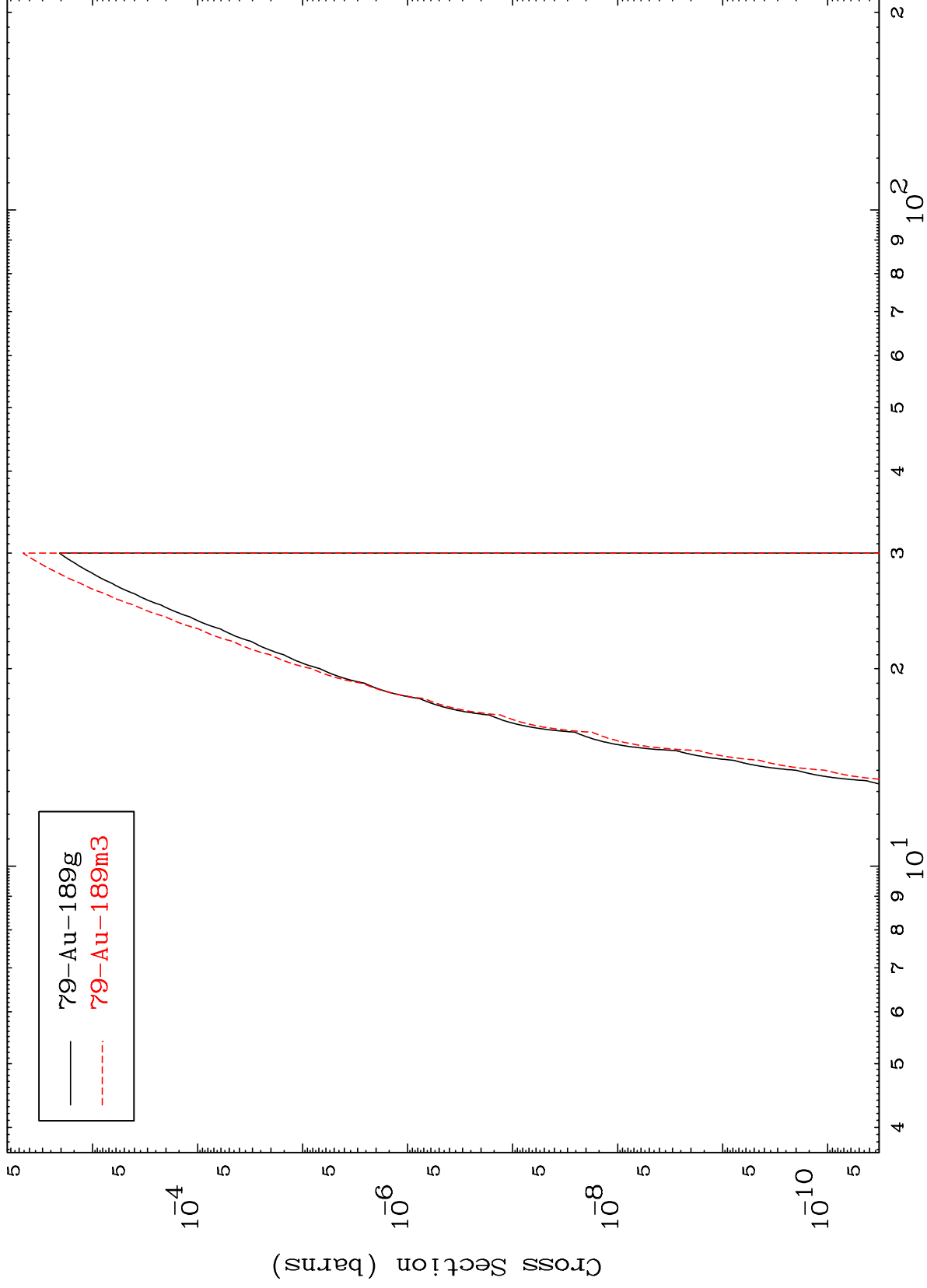
81-Tl-194

MAT 8098

(n,2n) α

81-Tl-194

Radionuclide Production Cross Section



79

Incident Energy (MeV)

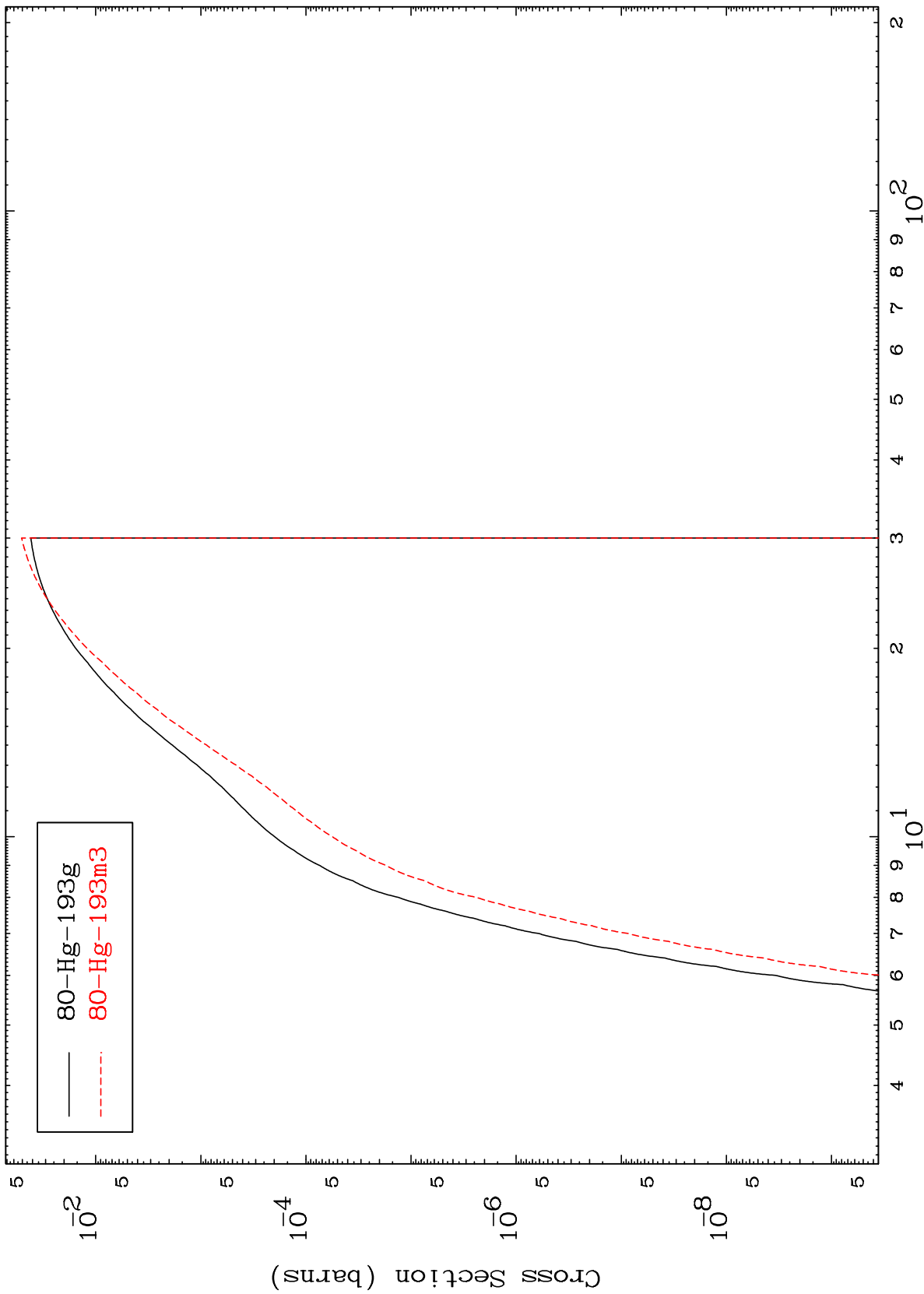
81-Tl-194

MAT 8098

(n,n') p

81-Tl-194

Radionuclide Production Cross Section



80-Hg-193g
80-Hg-193m3

80

Incident Energy (MeV)

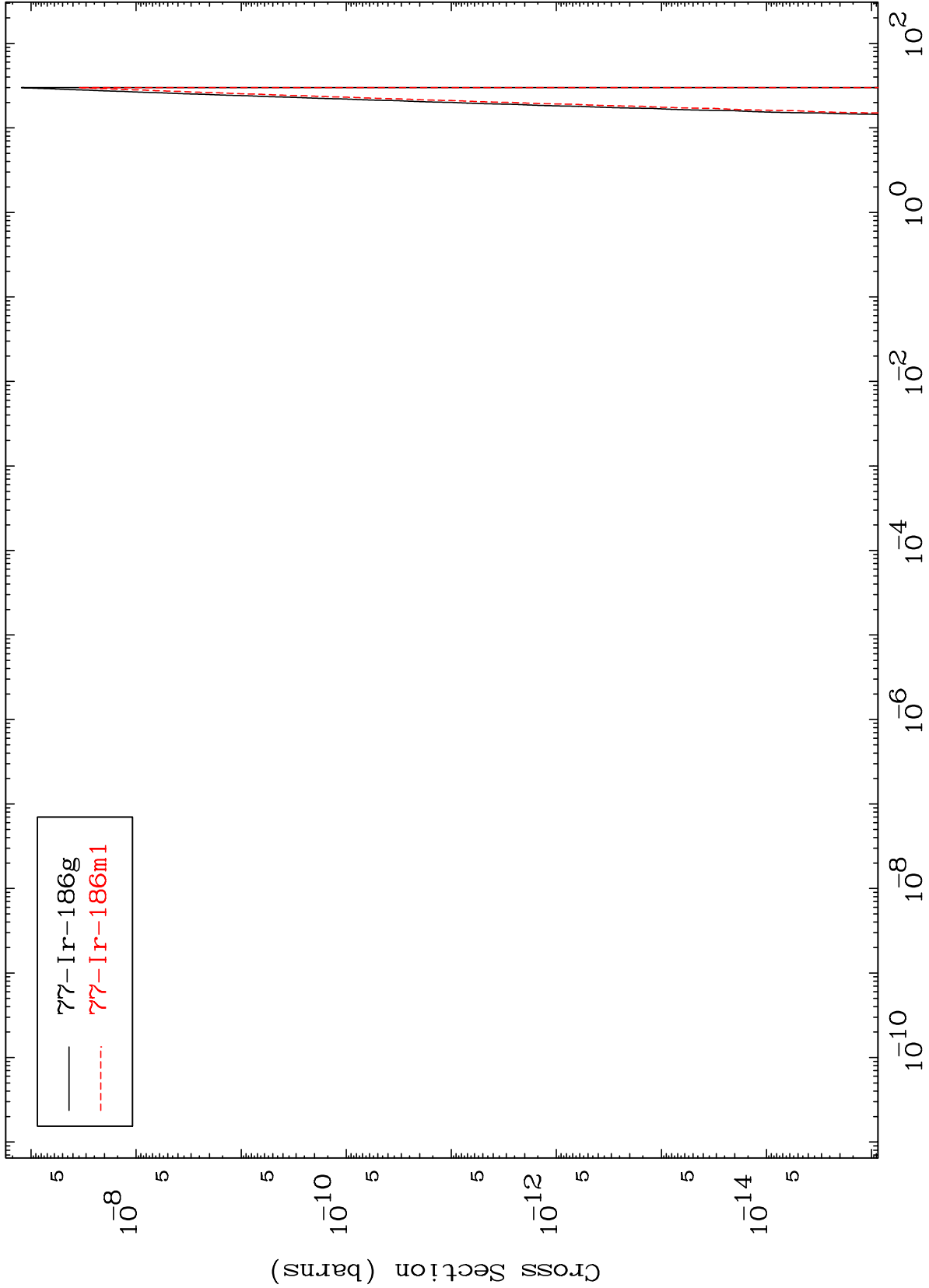
81-Tl-194

MAT 8098

(n,n') 2α

81-Tl-194

Radionuclide Production Cross Section



— ⁷⁷Ir-186g
- - - ⁷⁷Ir-186m1

81

Incident Energy (MeV)

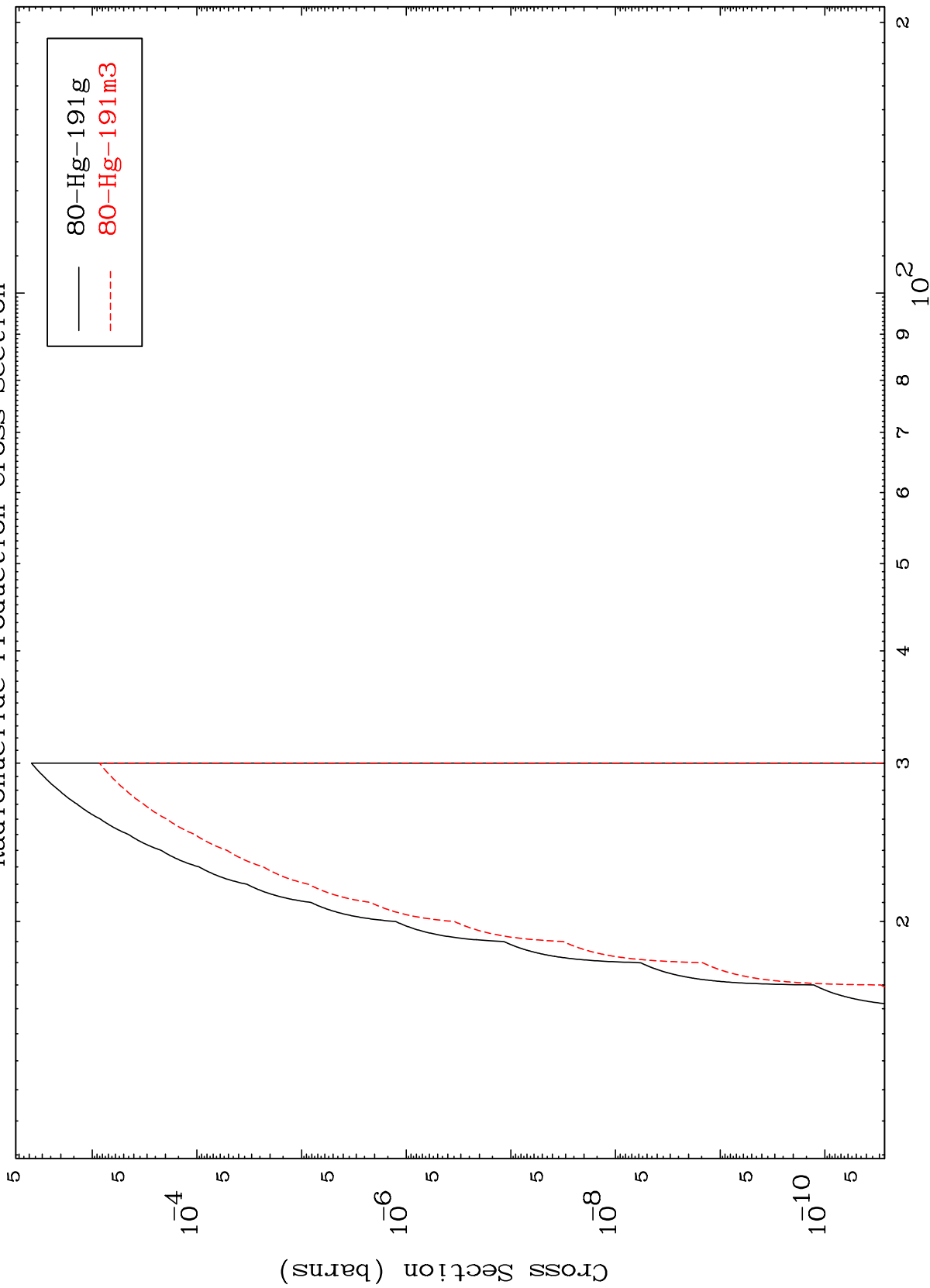
81-Tl-194

MAT 8098

(n,n') t

81-Tl-194

Radionuclide Production Cross Section



82

Incident Energy (MeV)

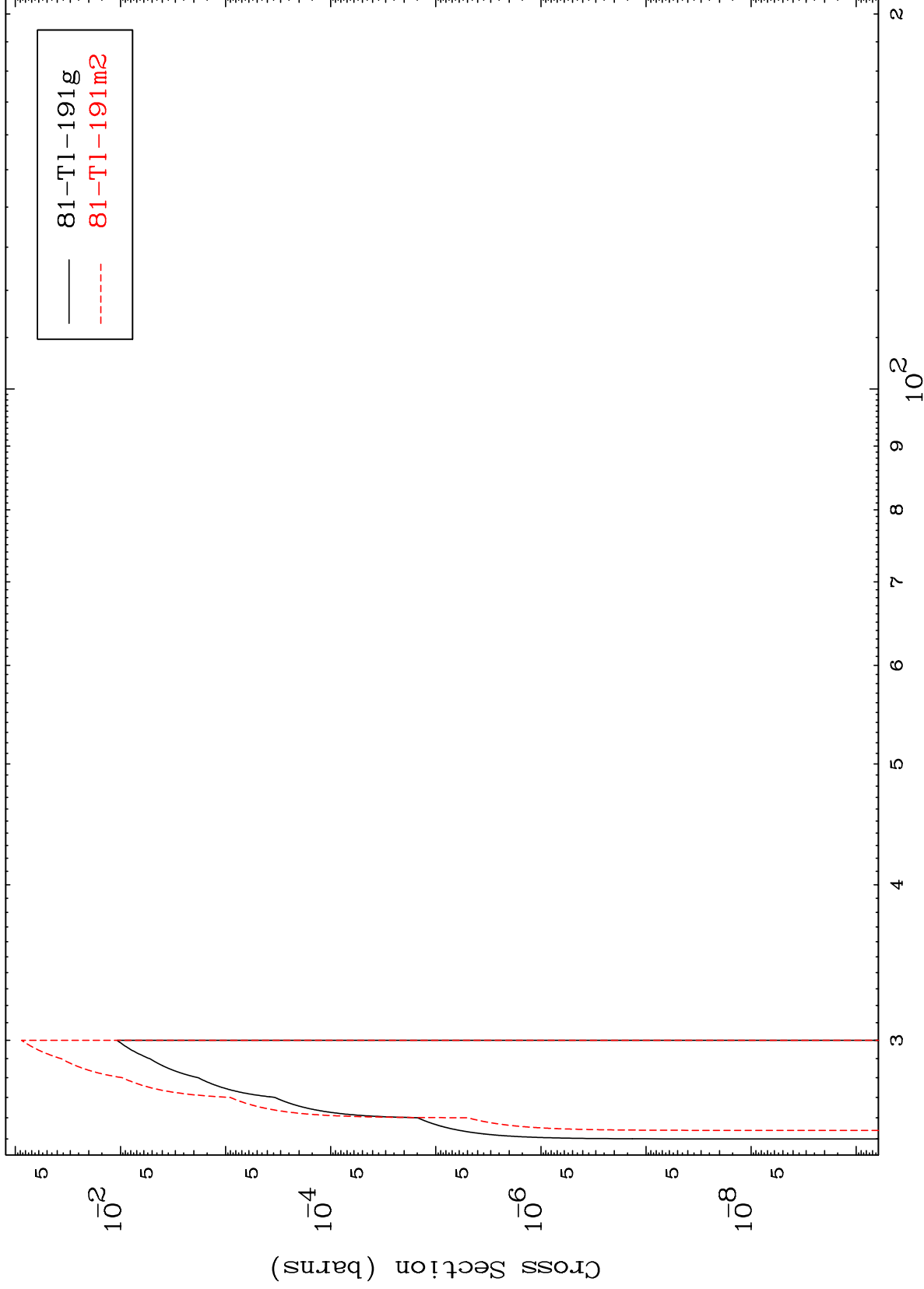
81-Tl-194

MAT 8098

(n,4n)

81-Tl-194

Radionuclide Production Cross Section

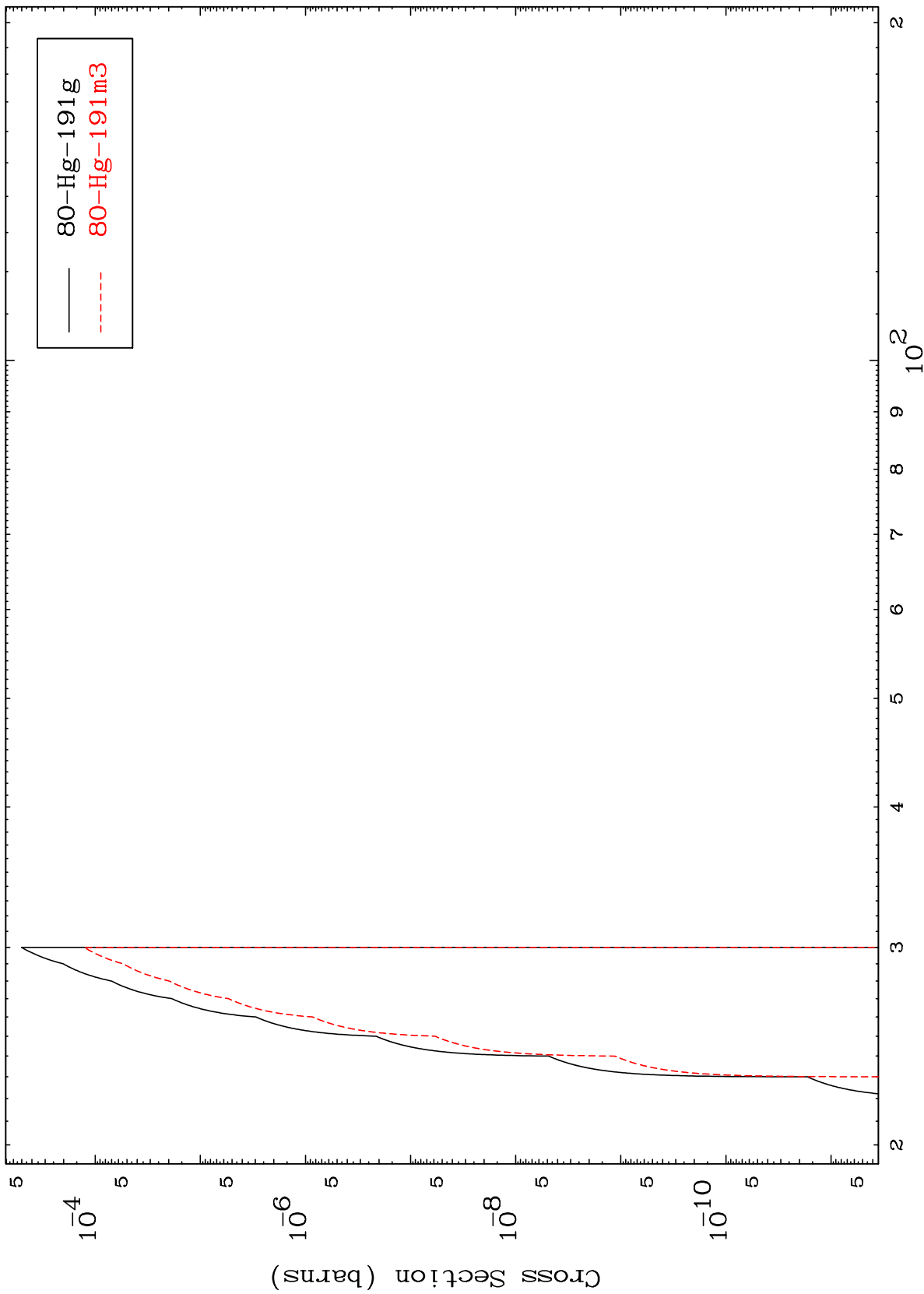


84

Incident Energy (MeV)

81-Tl-194

Radionuclide Production Cross Section

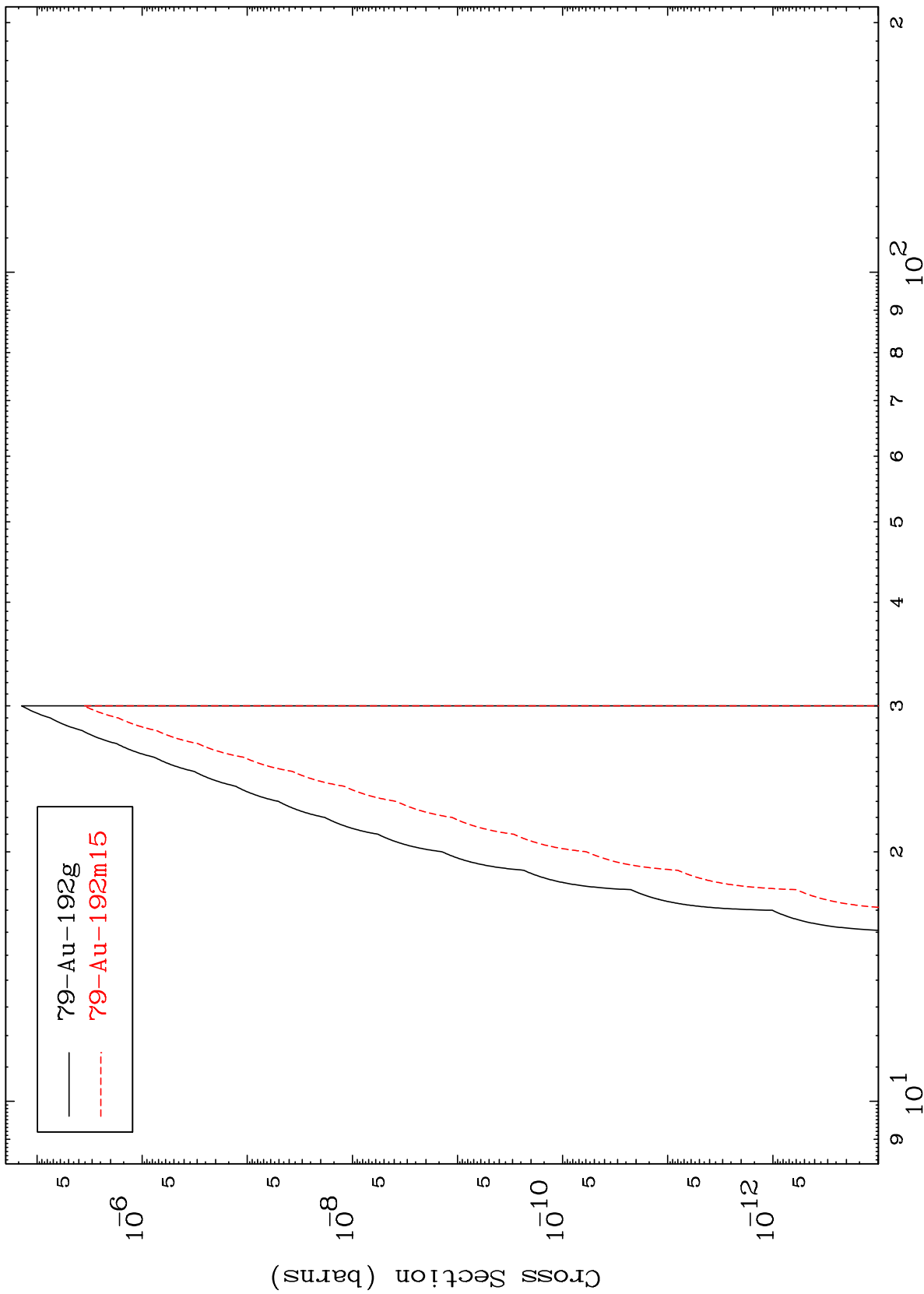


MAT 8098

(n,2n) p

81-Tl-194

Radionuclide Production Cross Section



79-Au-192g
79-Au-192m15

86

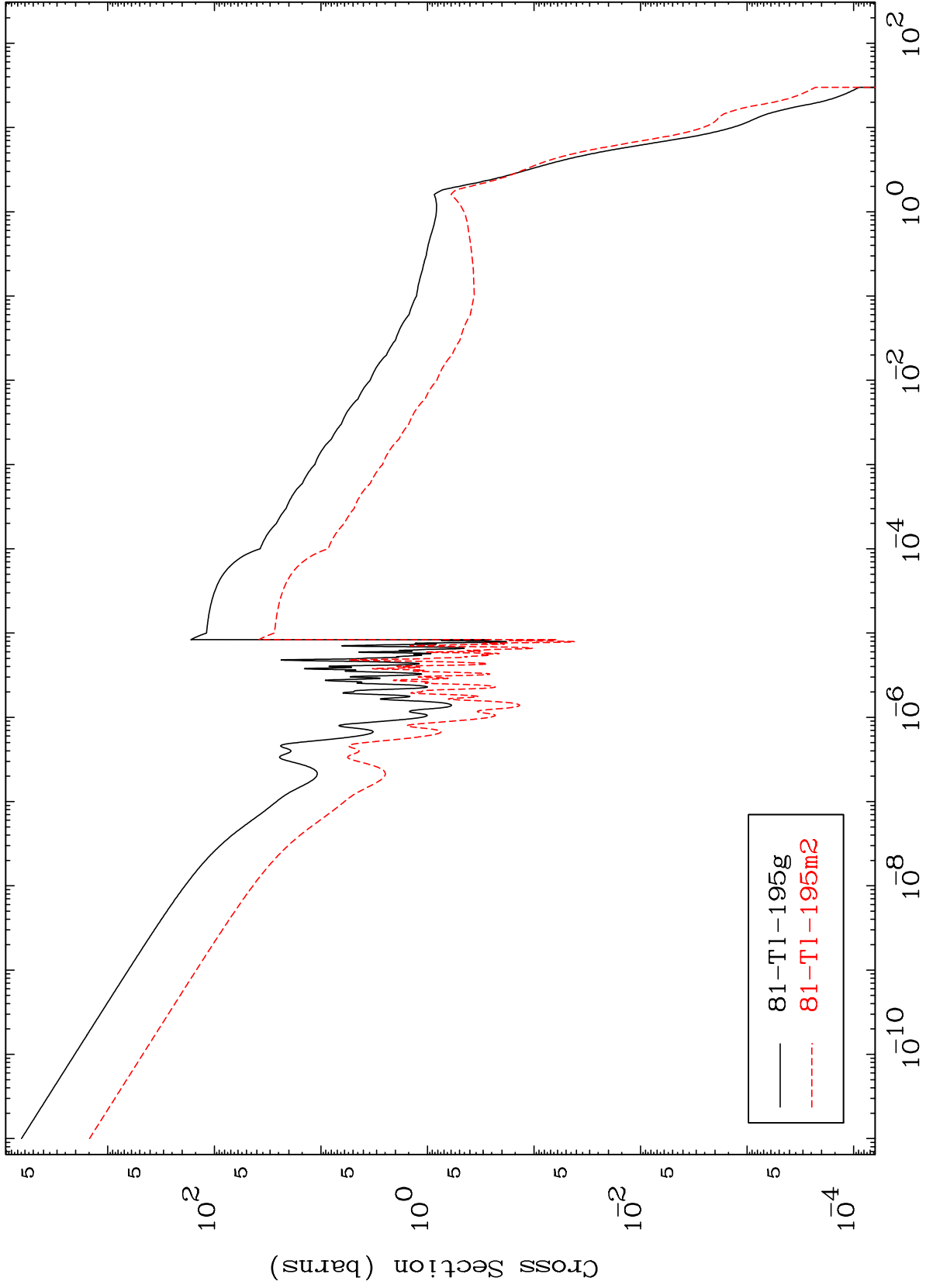
Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

Radionuclide Production Cross Section
(n, γ)



87

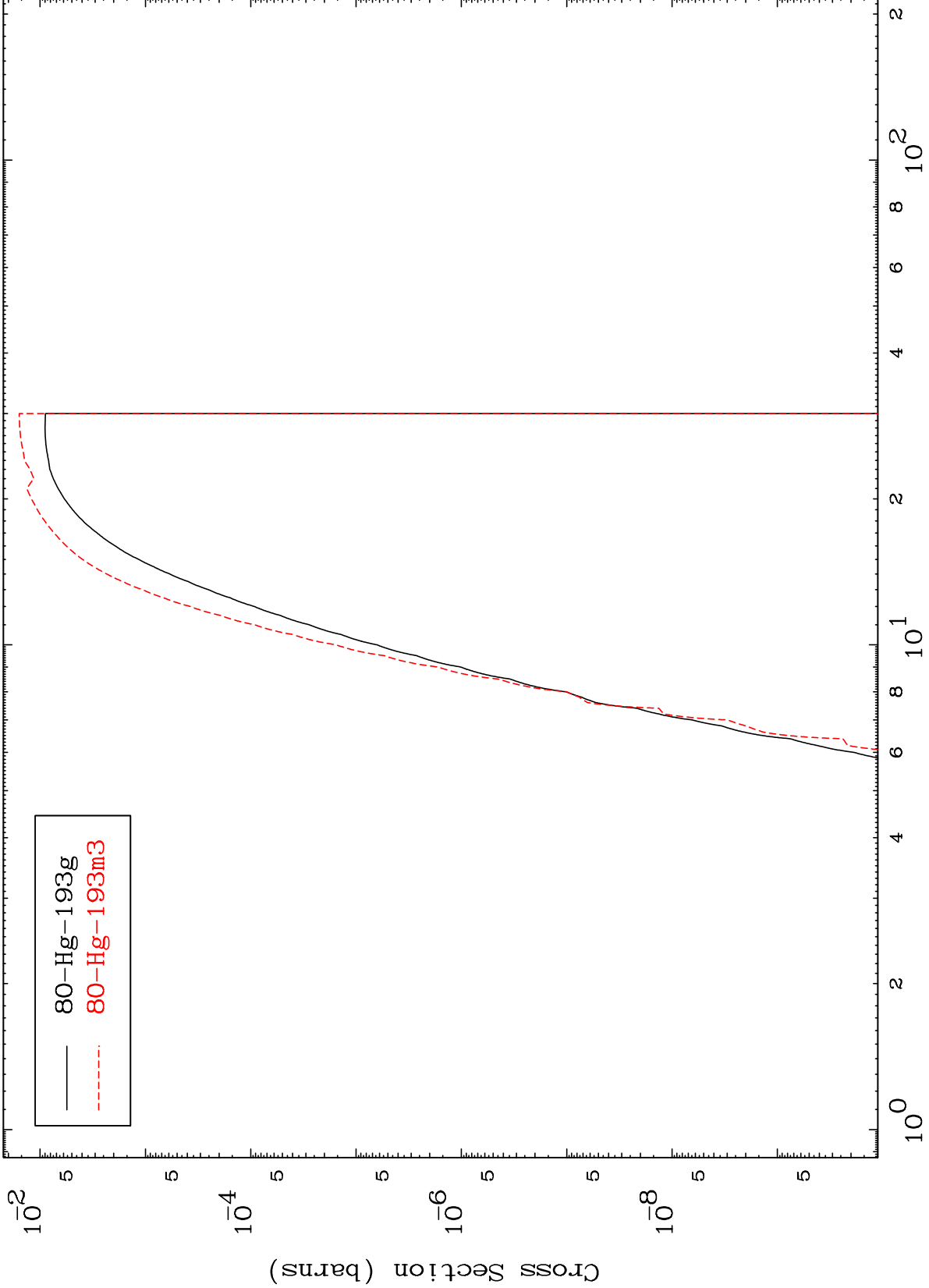
81-Tl-194

MAT 8098

(n,d)

81-Tl-194

Radionuclide Production Cross Section



80-Hg-193g
80-Hg-193m3

Incident Energy (MeV)

81-Tl-194

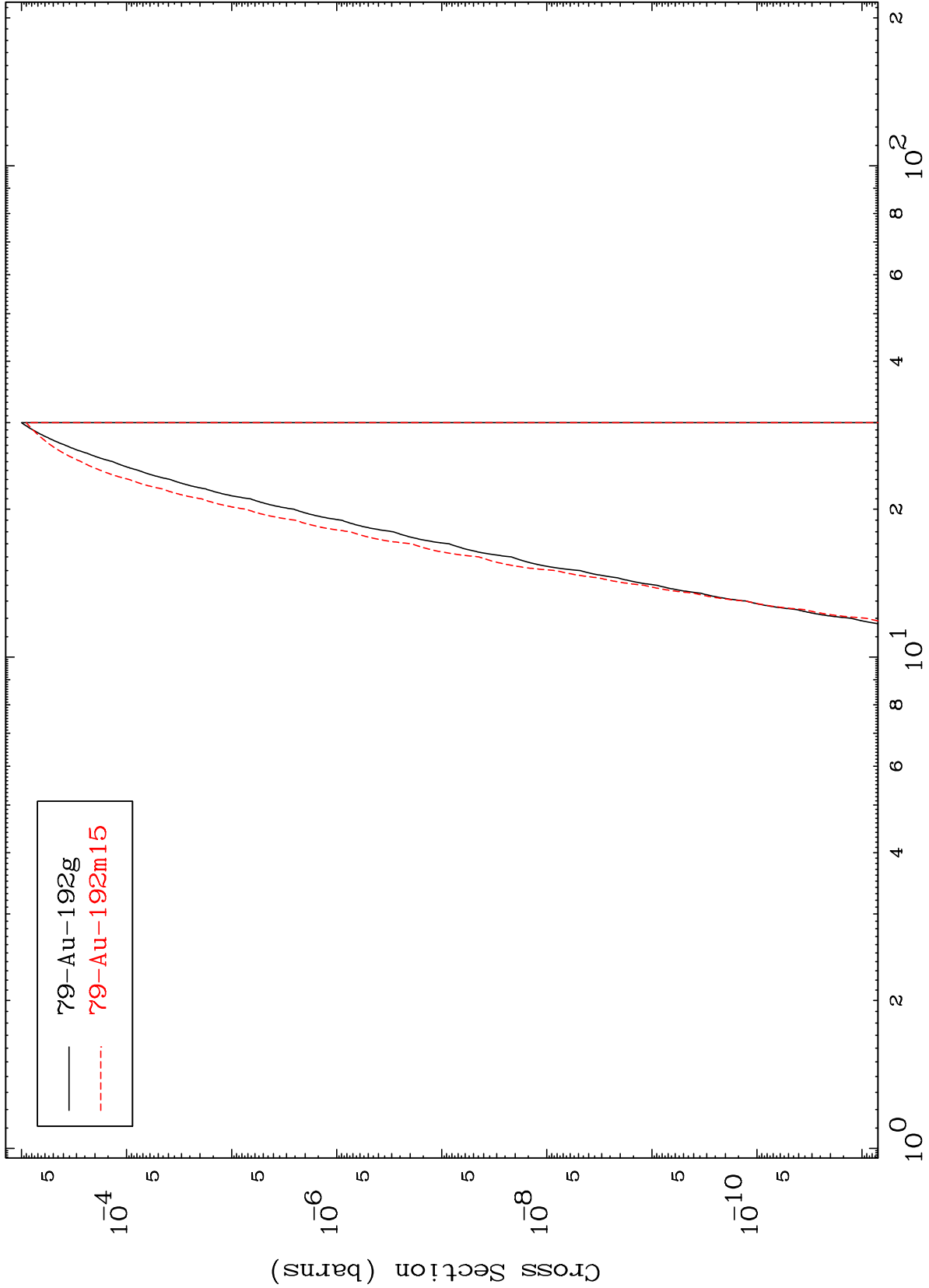
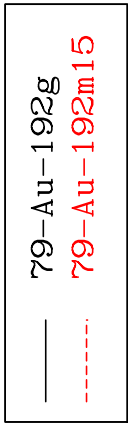
88

MAT 8098

(n,He-3)

81-Tl-194

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-194

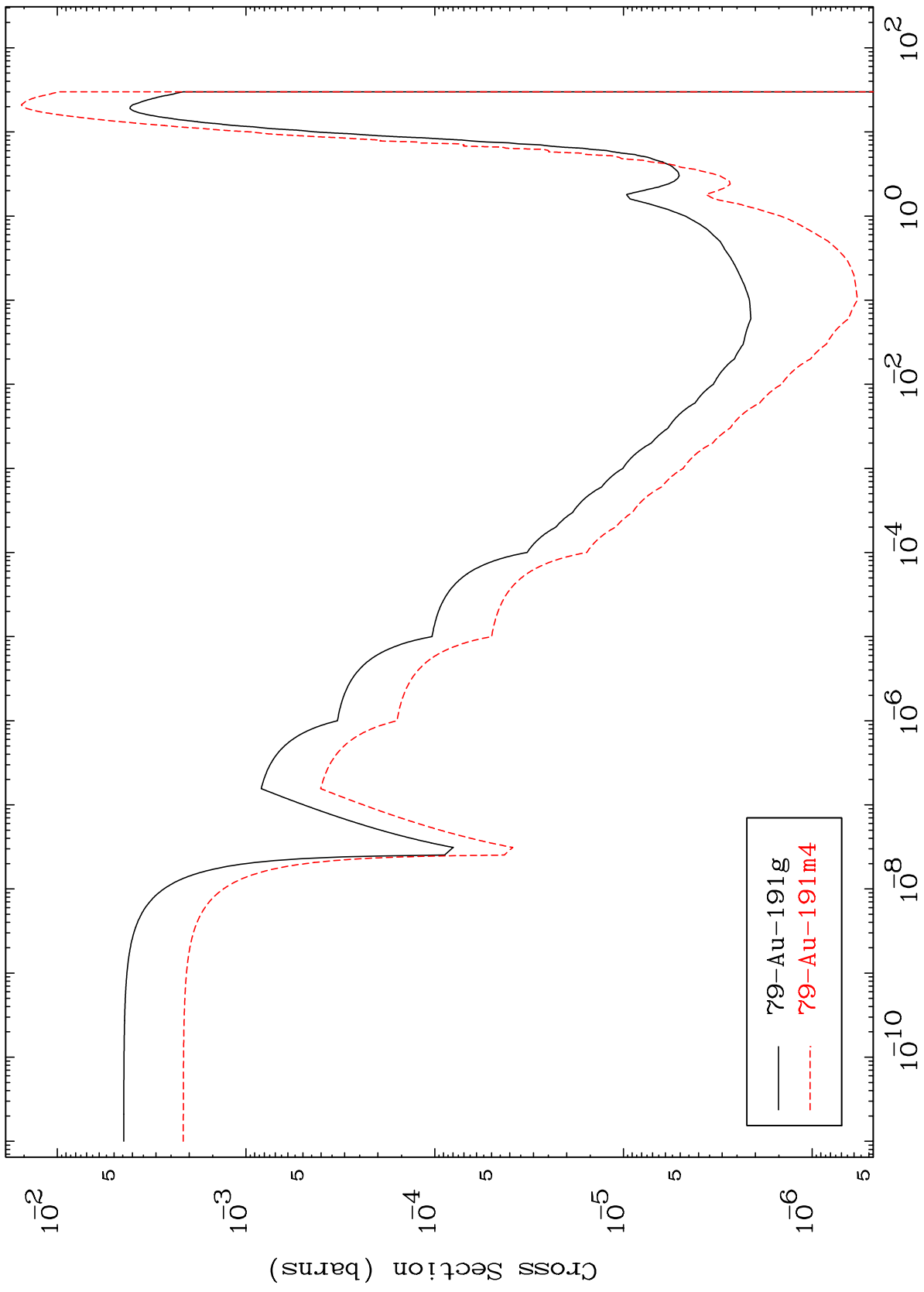
89

MAT 8098

(n, α)

81-Tl-194

Radionuclide Production Cross Section



79-Au-191g
79-Au-191m4

90

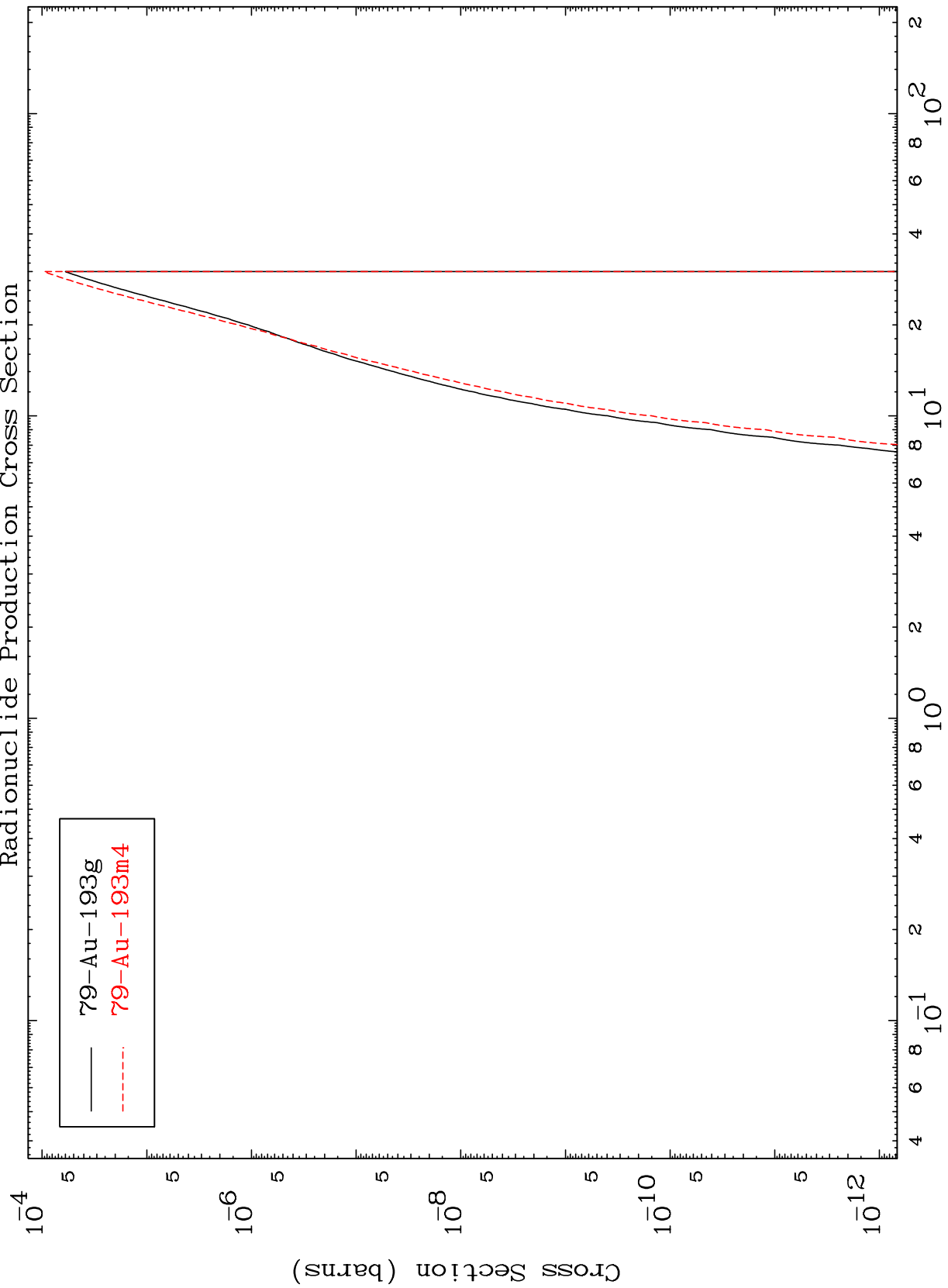
Incident Energy (MeV)

81-Tl-194

MAT 8098

81-Tl-194

(n,2p)
Radionuclide Production Cross Section



— $^{79}\text{Au-193g}$
- - - $^{79}\text{Au-193m4}$

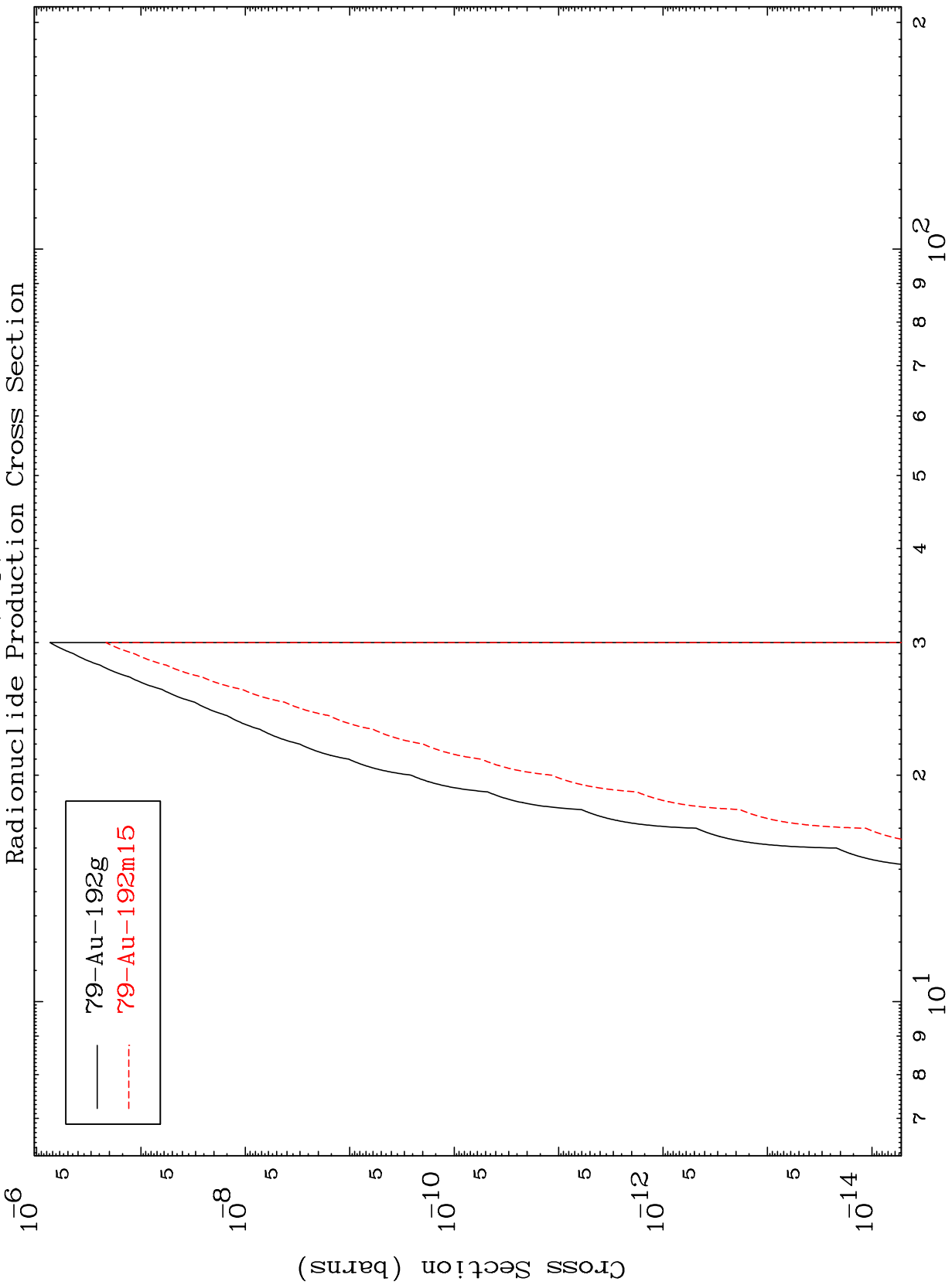
91

81-Tl-194

MAT 8098

(n,p) d

81-Tl-194



92

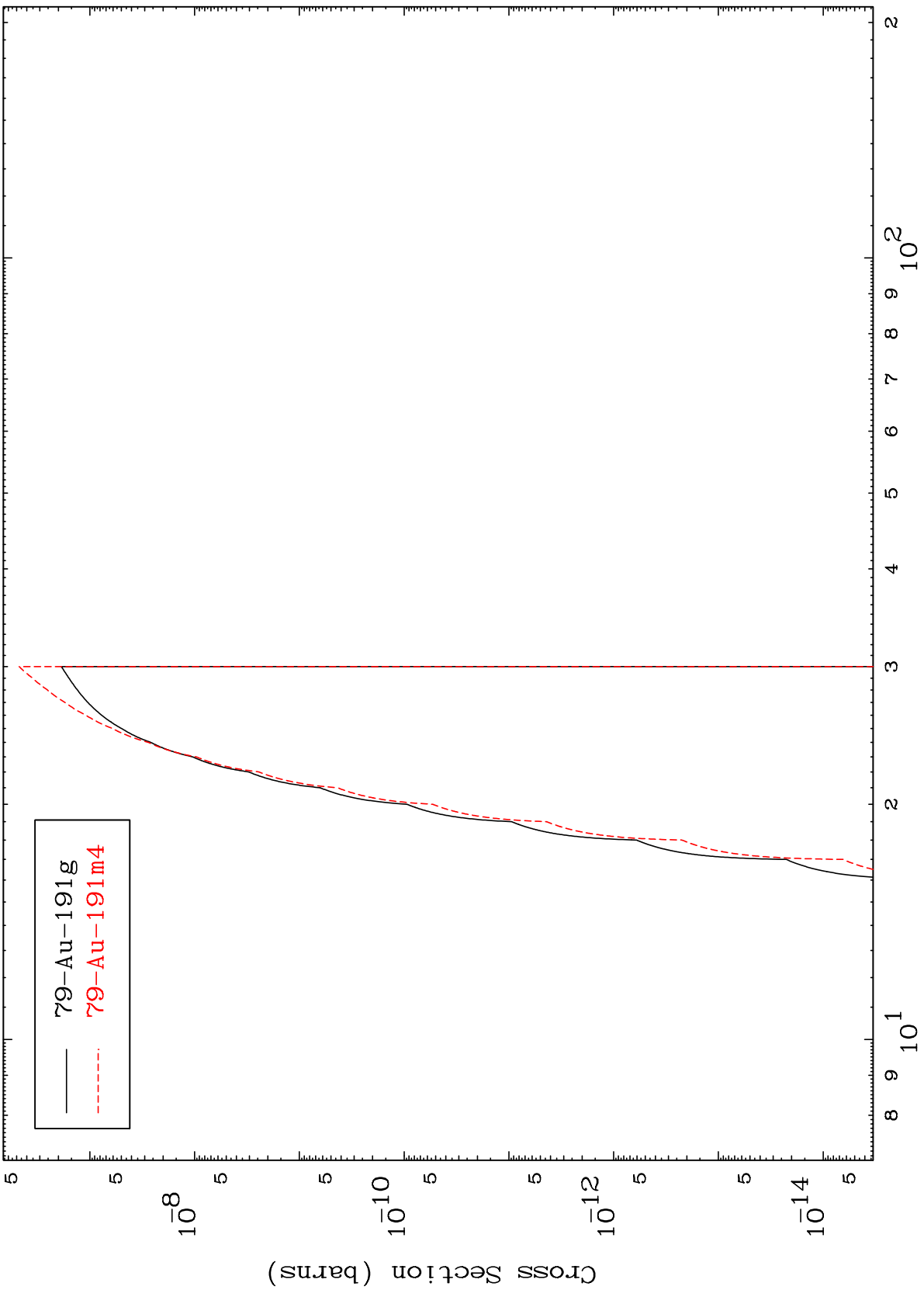
81-Tl-194

MAT 8098

(n,p) t

81-Tl-194

Radionuclide Production Cross Section



93

Incident Energy (MeV)

81-Tl-194