

Program EVALPLOT
(Version 2018-1)

by

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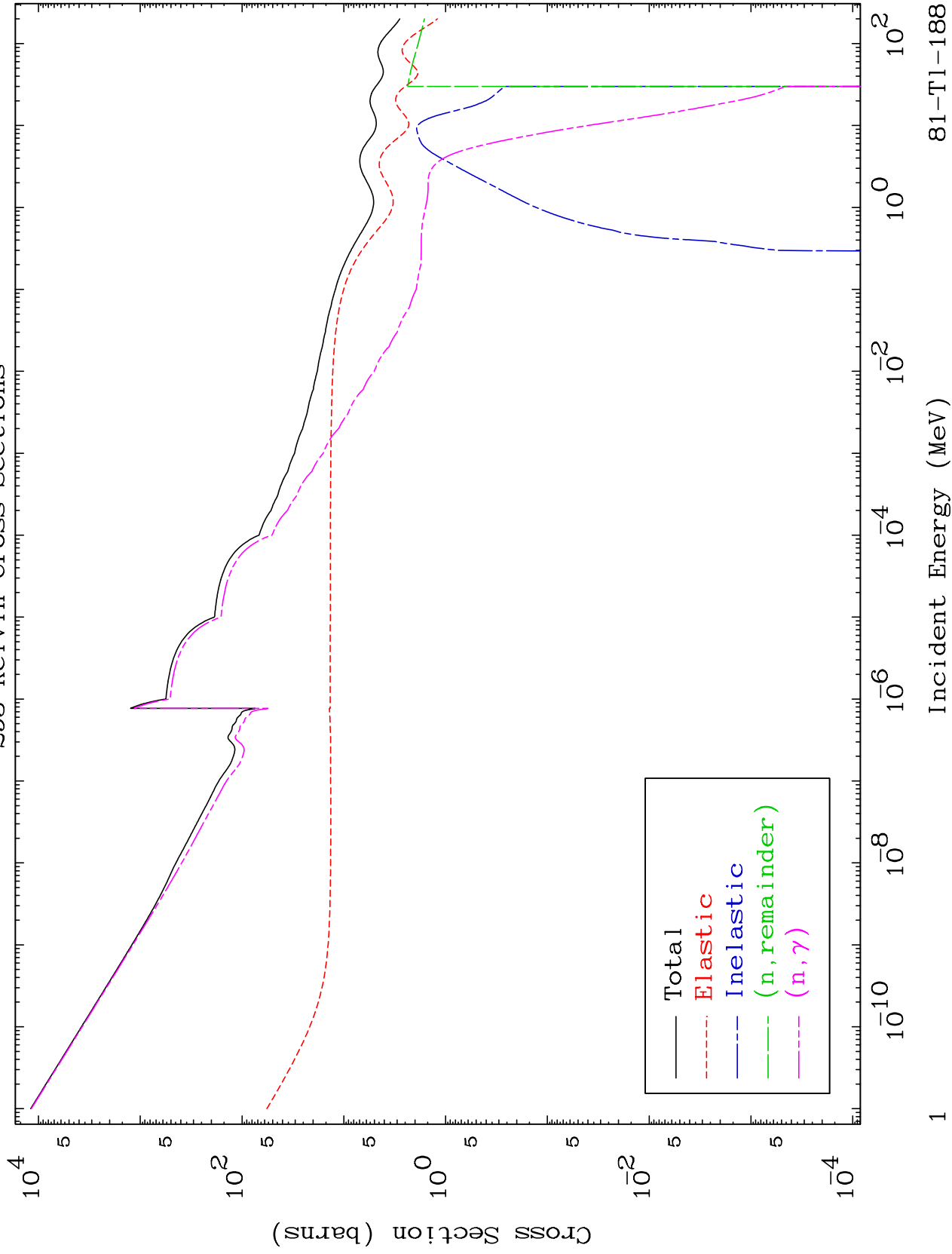
Press Mouse Button to Start

MAT 8080

Major

293 Kelvin Cross Sections

81-Tl-188

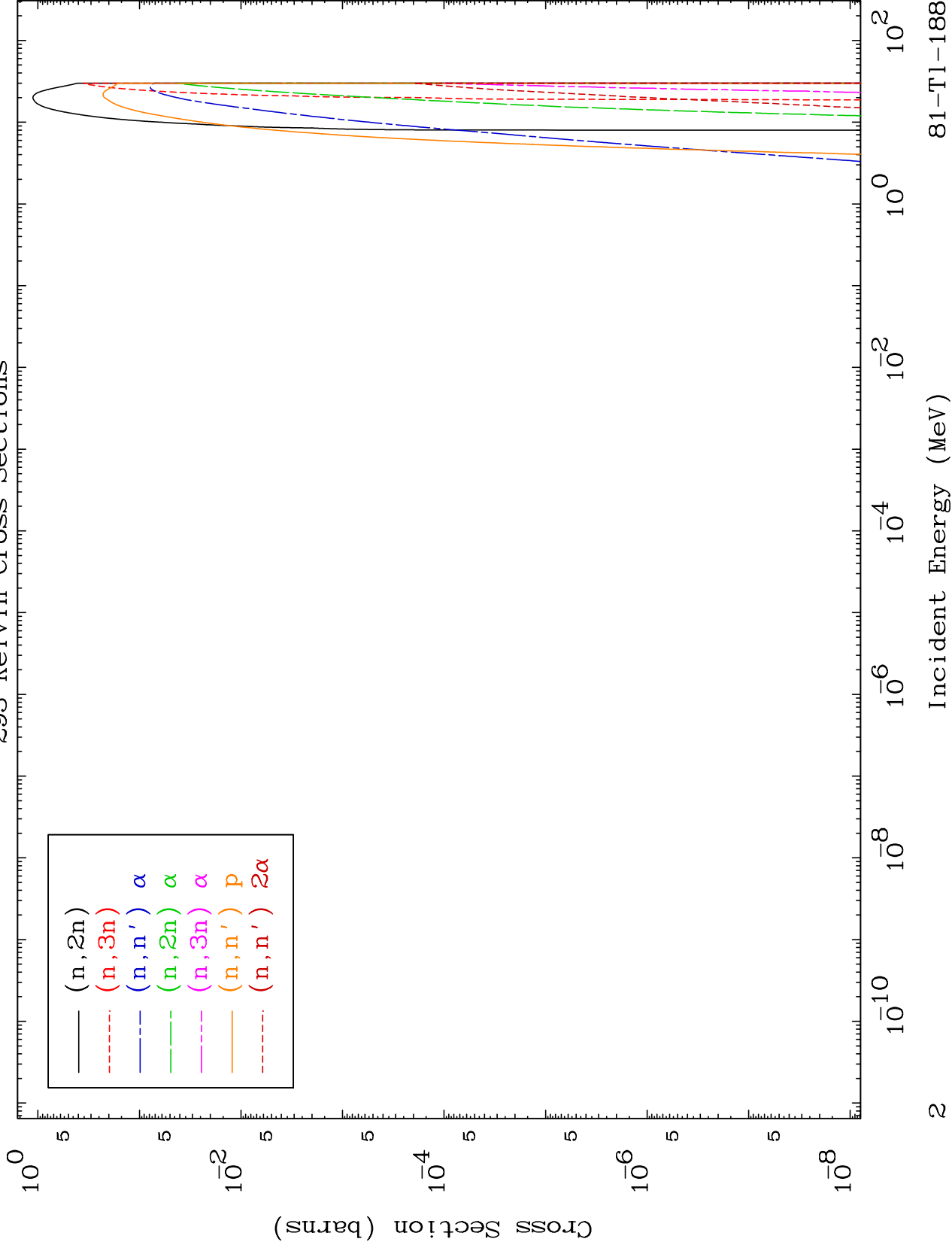


1

MAT 8080

Neutron Production
293 Kelvin Cross Sections

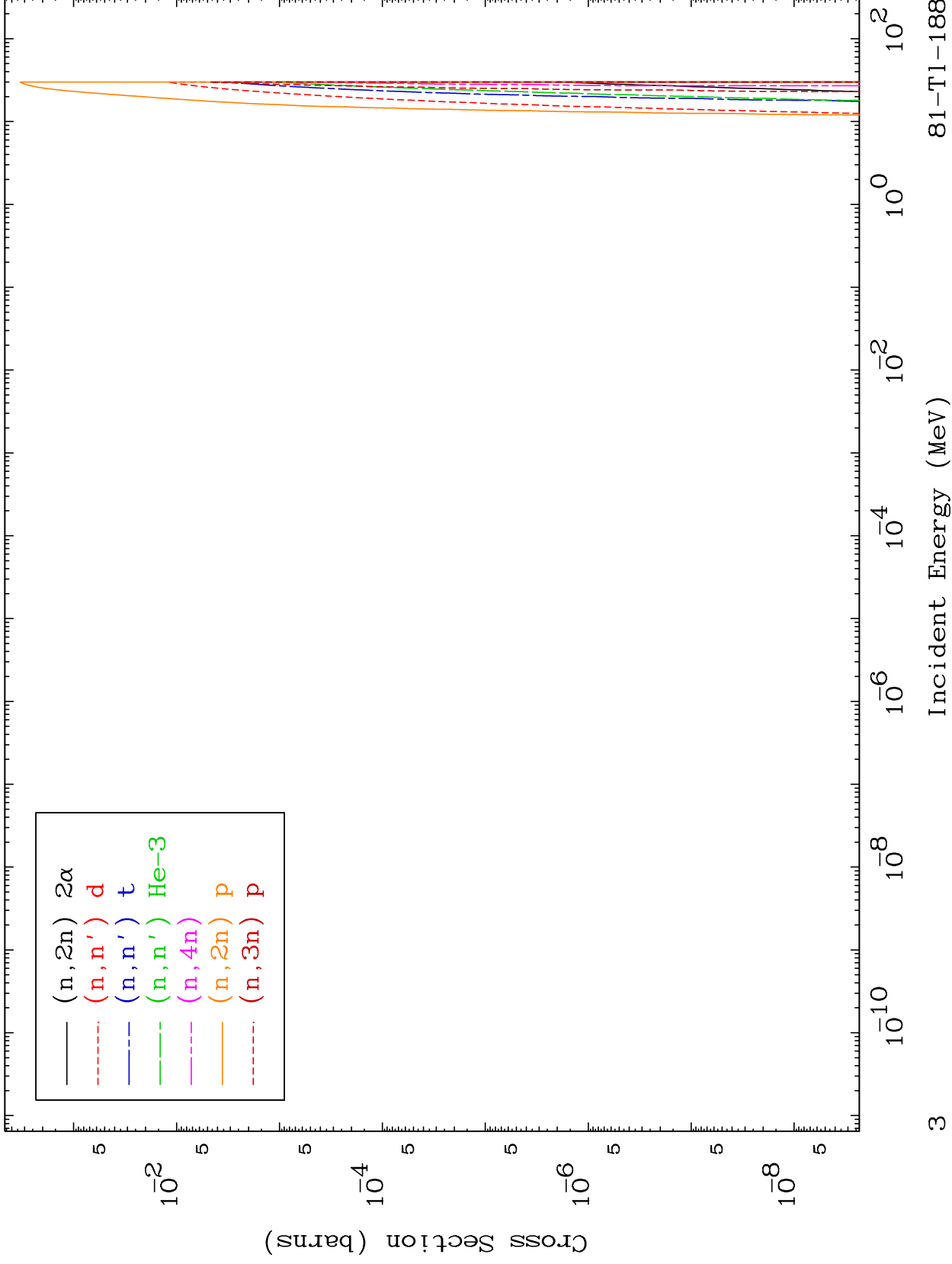
81-Tl-188



MAT 8080

Neutron Production
293 Kelvin Cross Sections

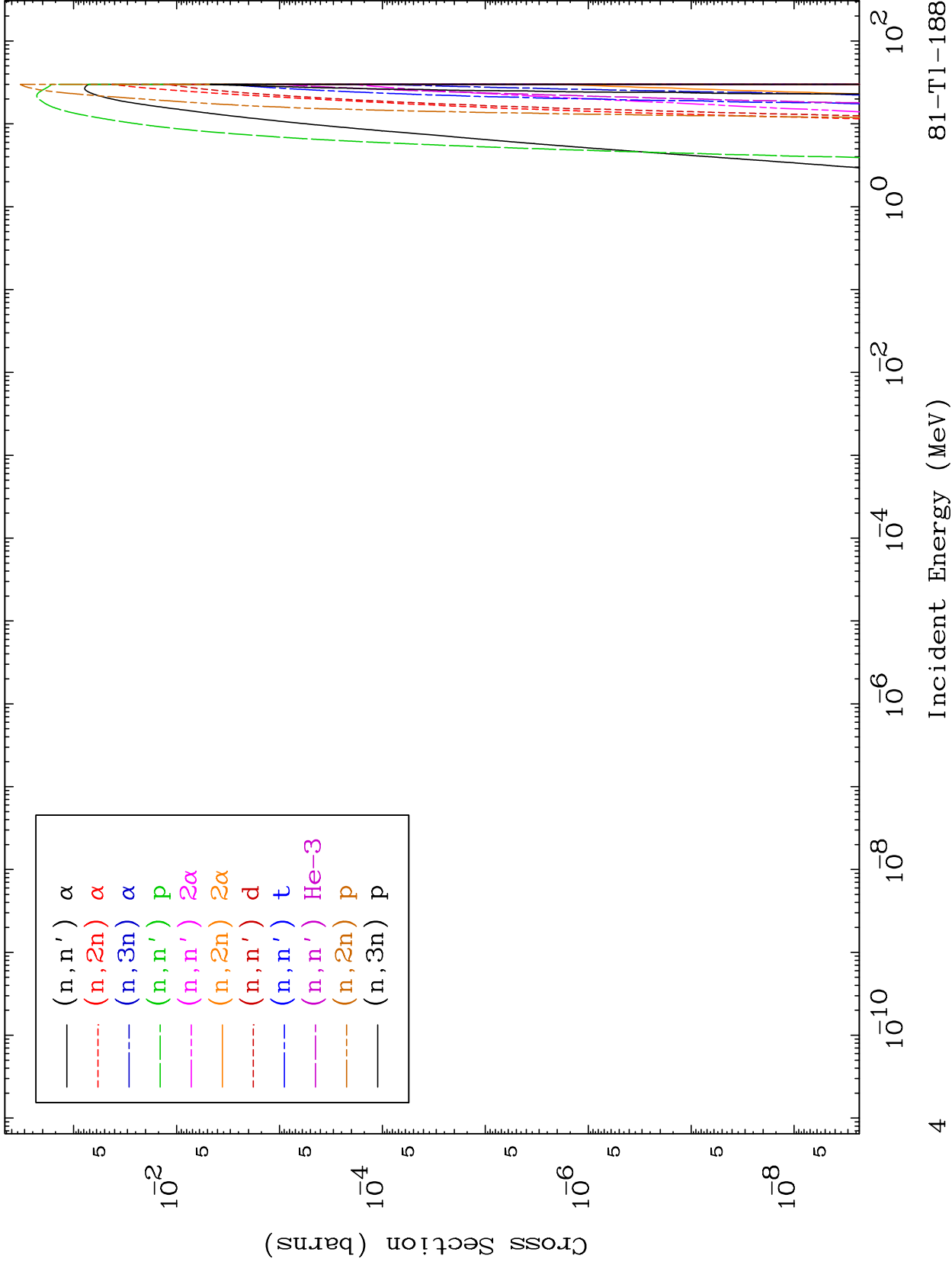
81-Tl-188



MAT 8080

Charged Particle
293 Kelvin Cross Sections

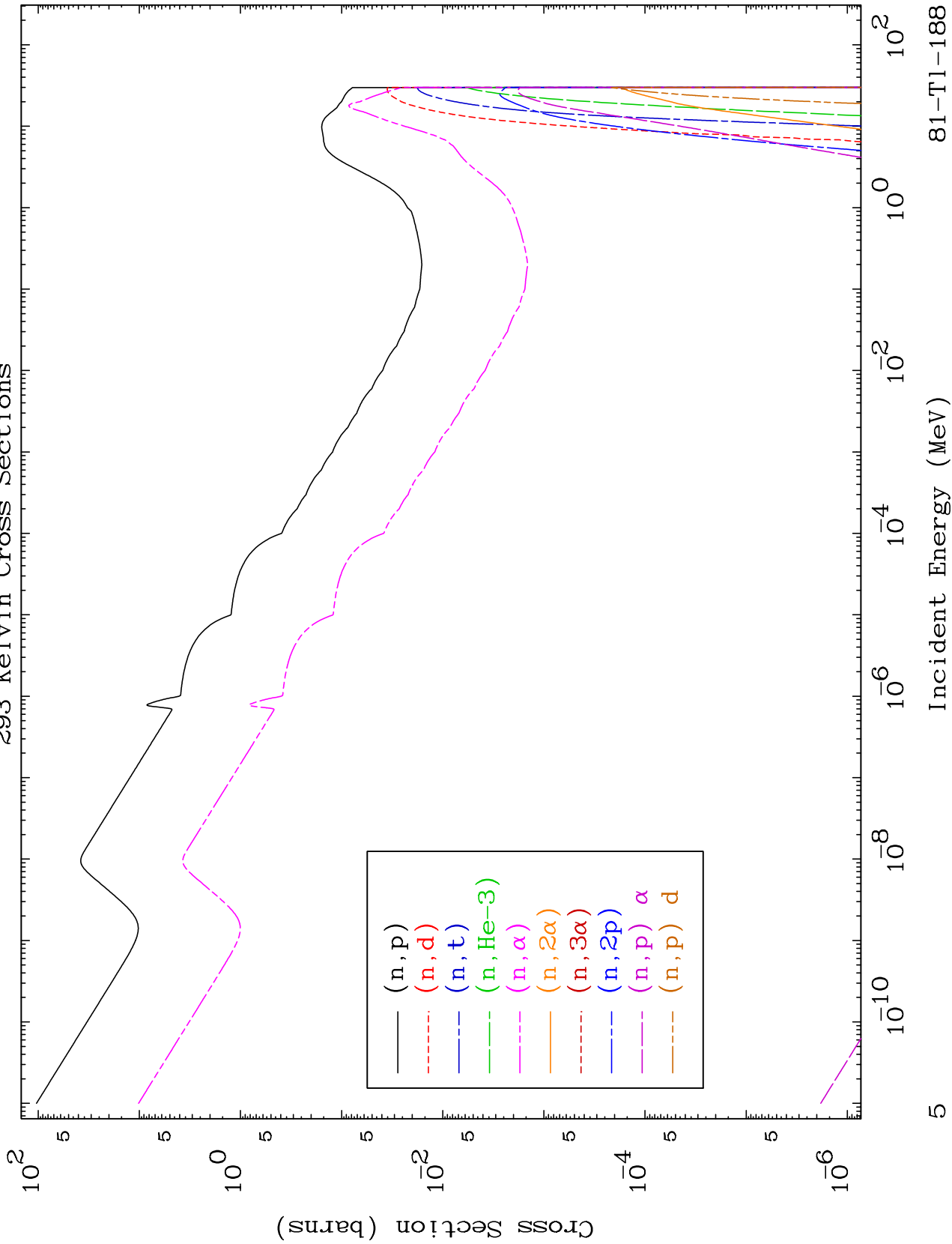
81-Tl-188

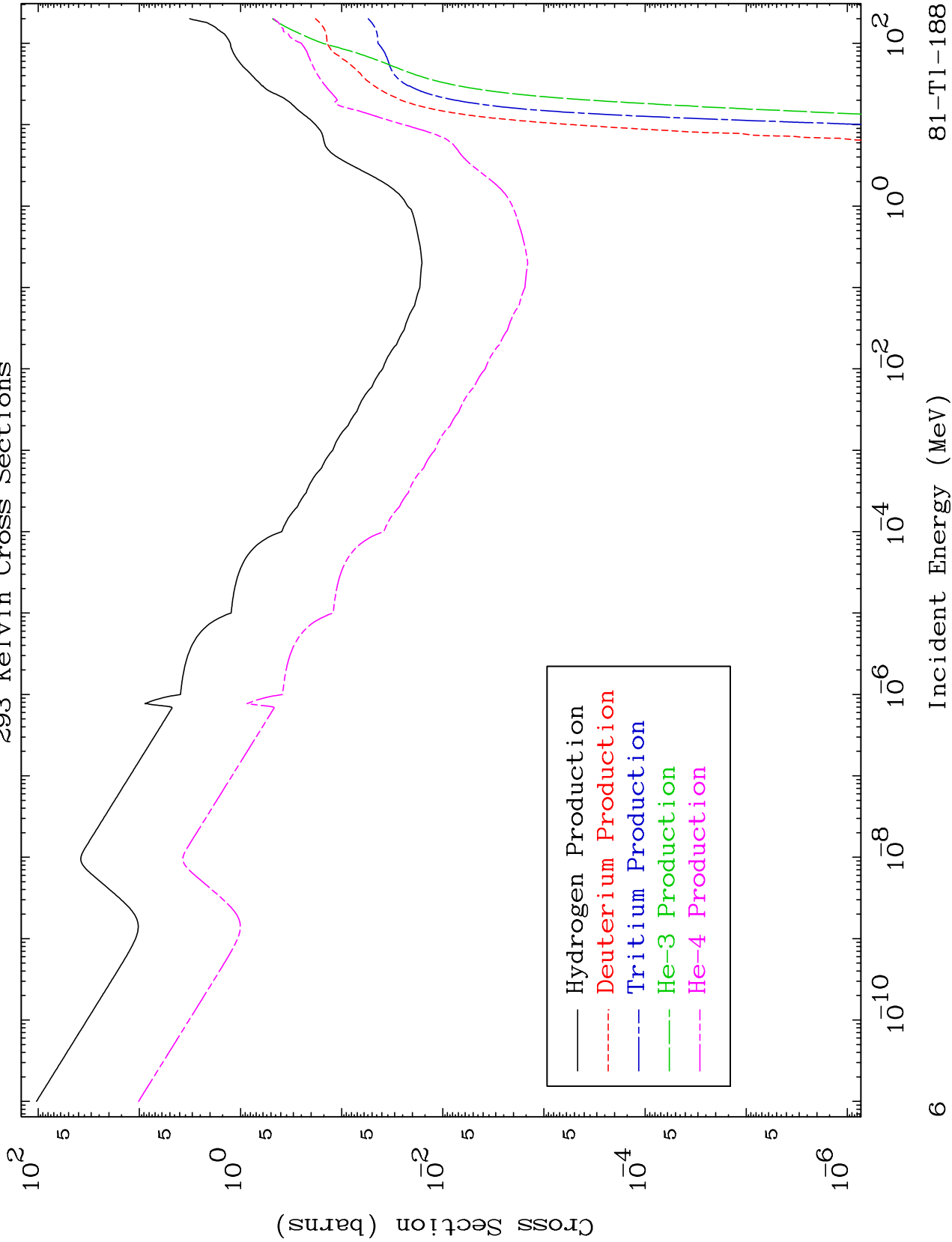


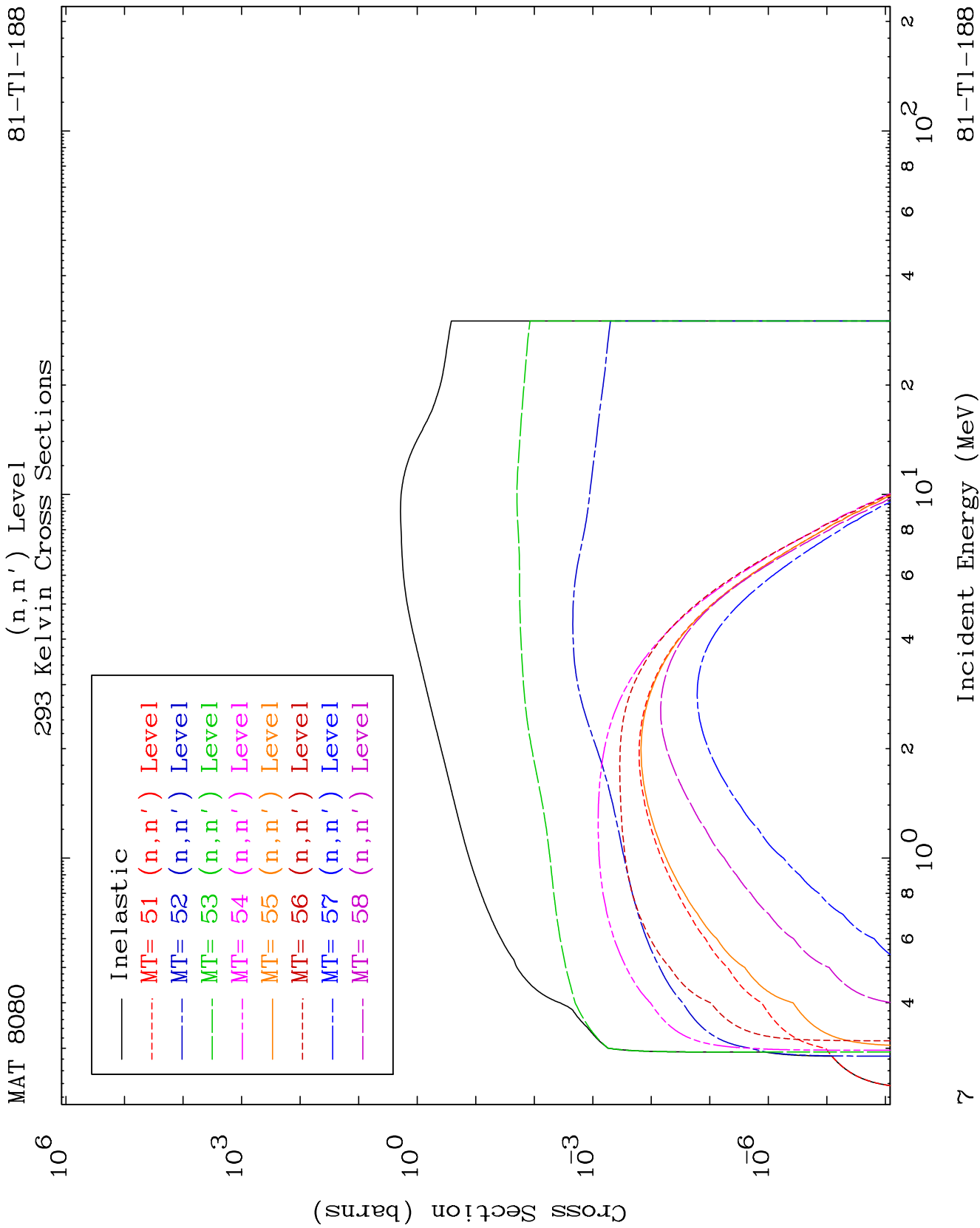
MAT 8080

Charged Particle
293 Kelvin Cross Sections

81-Tl-188



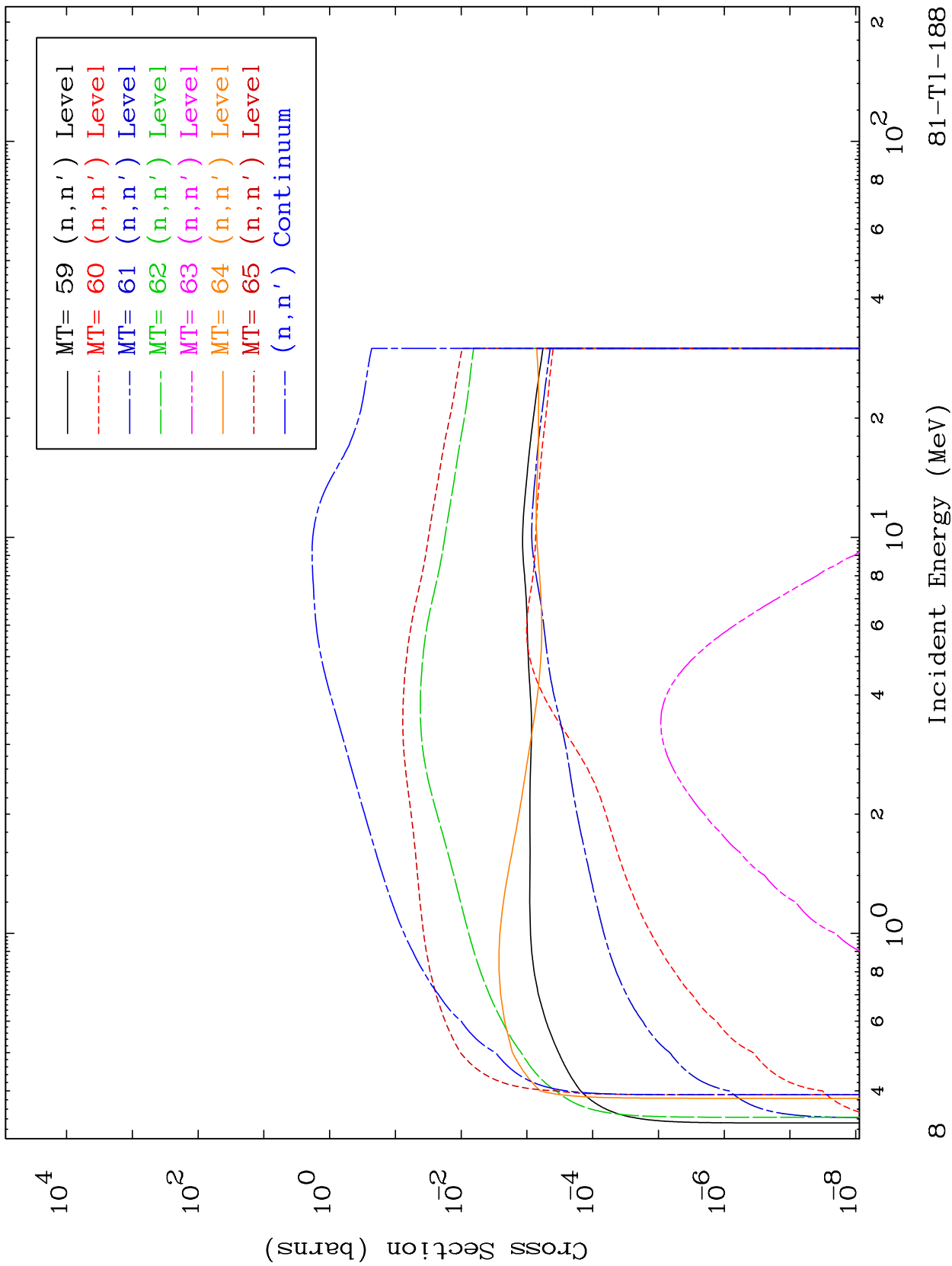




MAT 8080

(n,n') Level
293 Kelvin Cross Sections

81-Tl-188



8

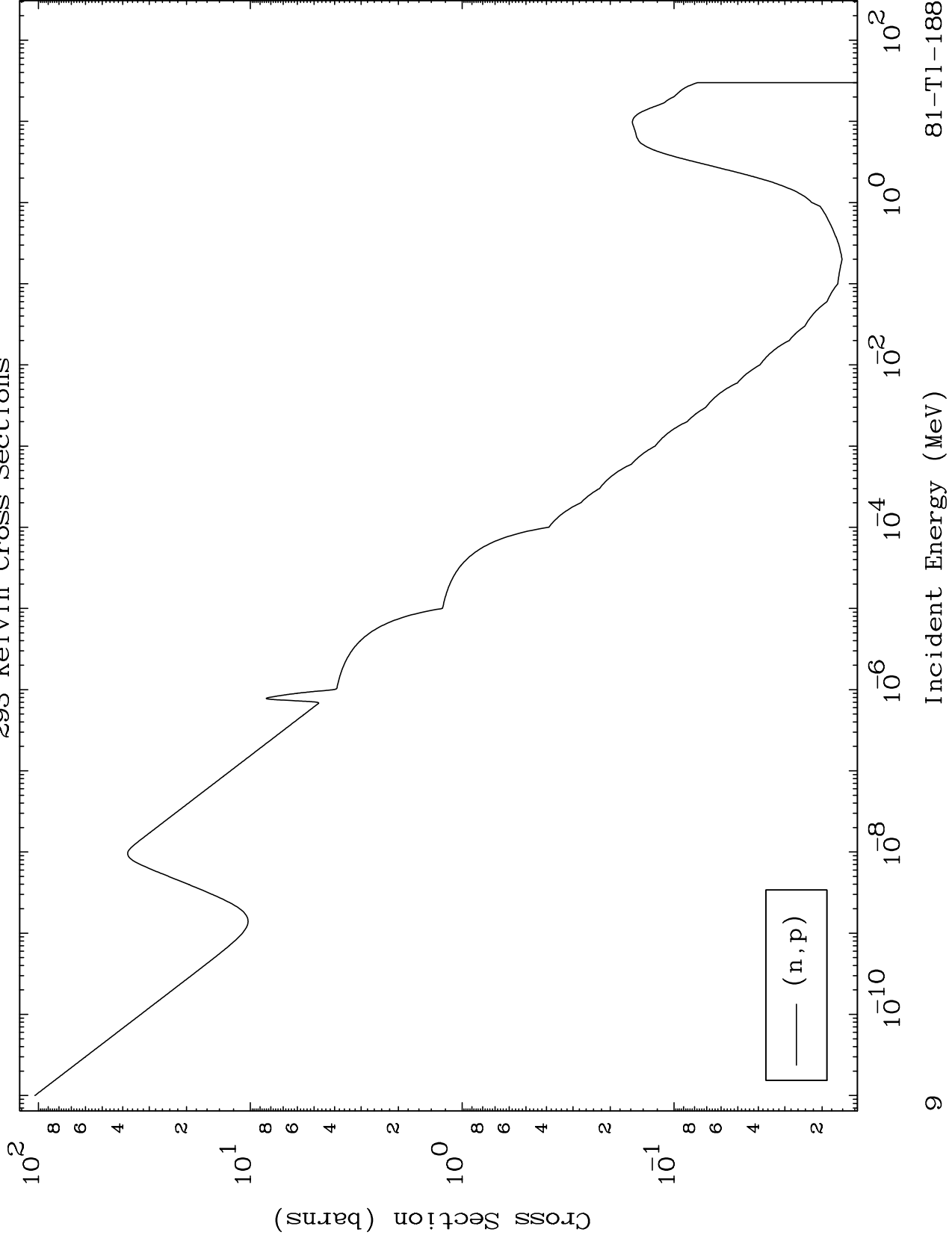
Incident Energy (MeV)

81-Tl-188

MAT 8080

(n,p) Levels
293 Kelvin Cross Sections

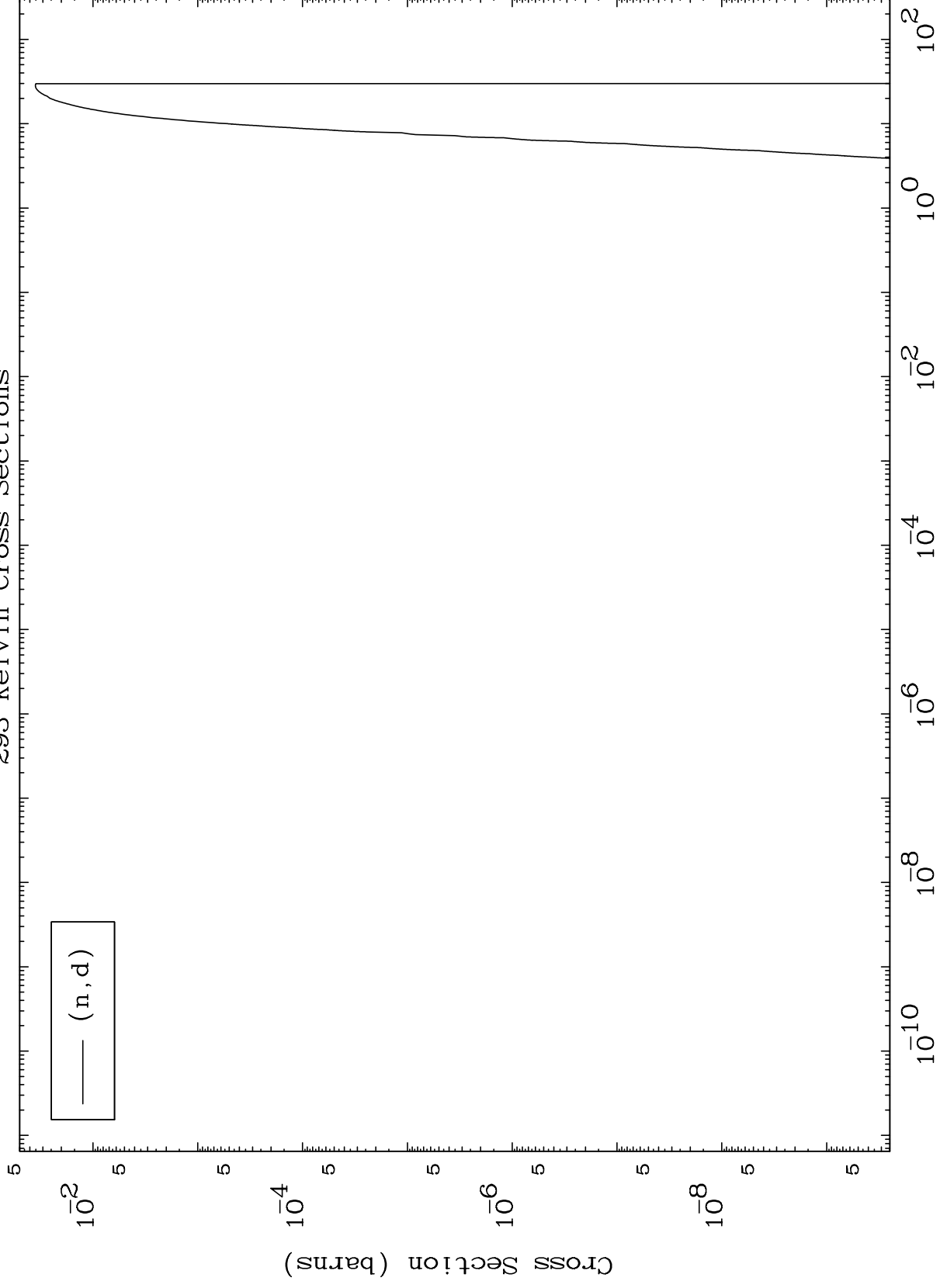
81-Tl-188



MAT 8080

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-188



10

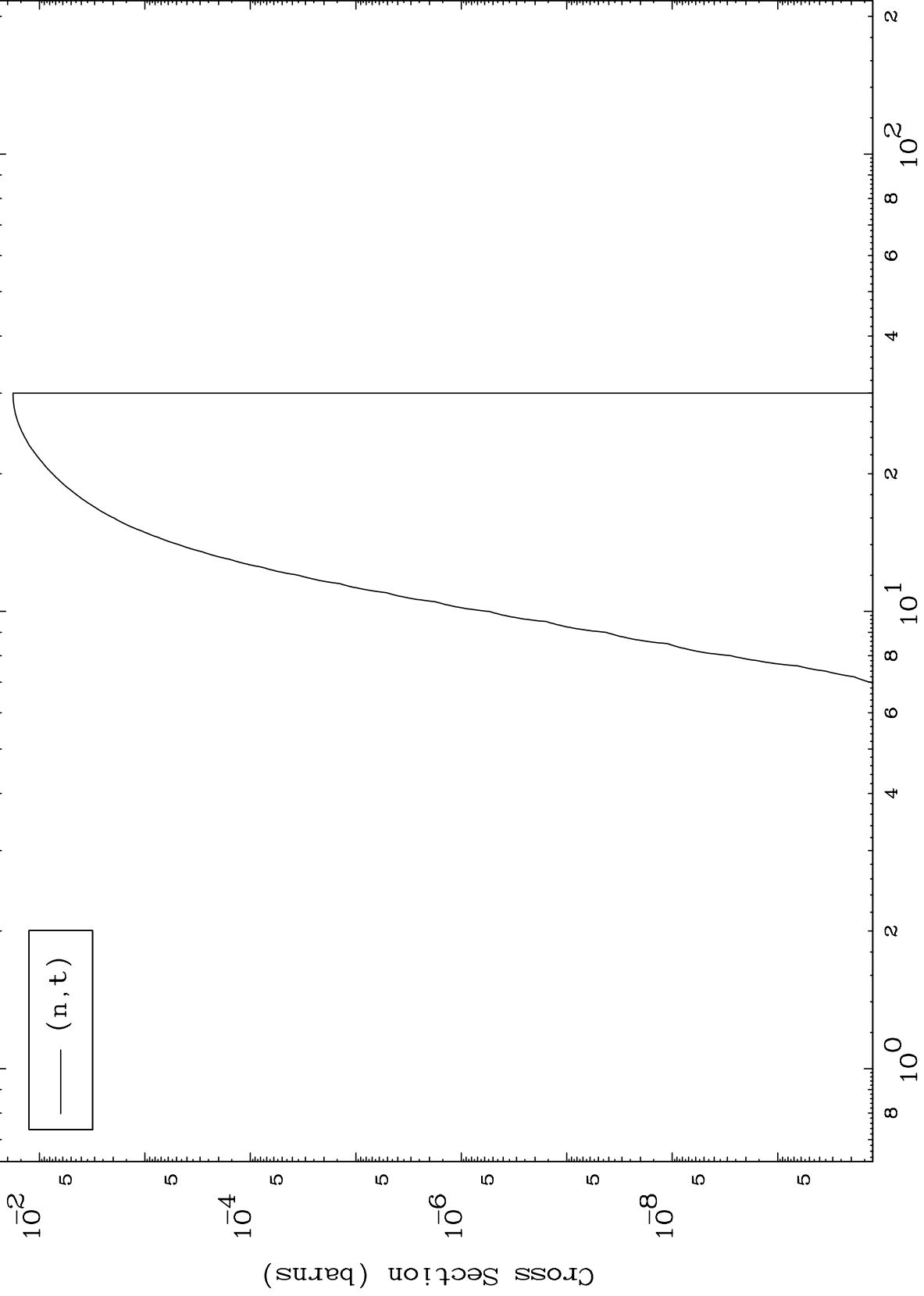
Incident Energy (MeV)

81-Tl-188

MAT 8080

(n,t) Levels
293 Kelvin Cross Sections

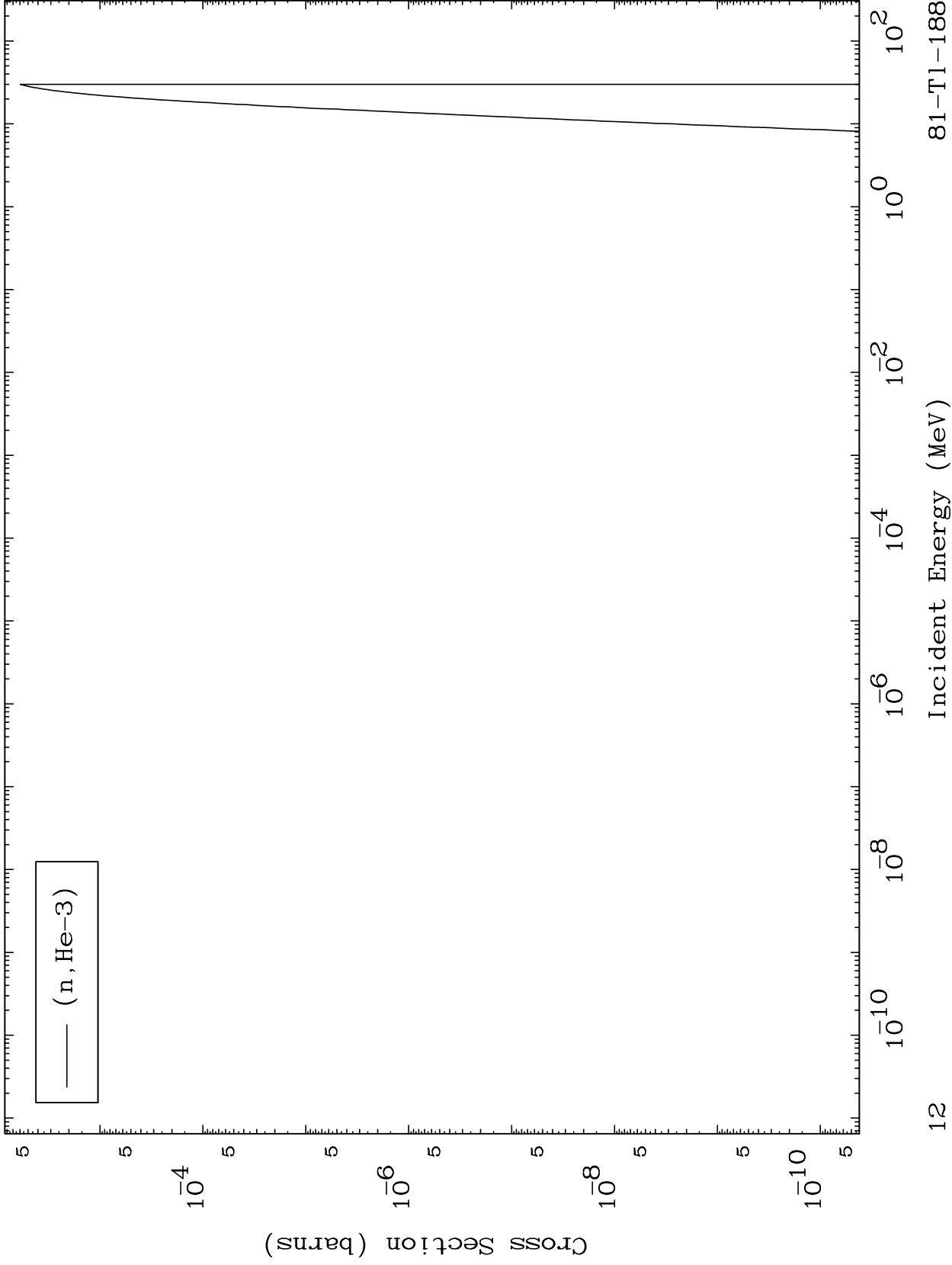
81-Tl-188

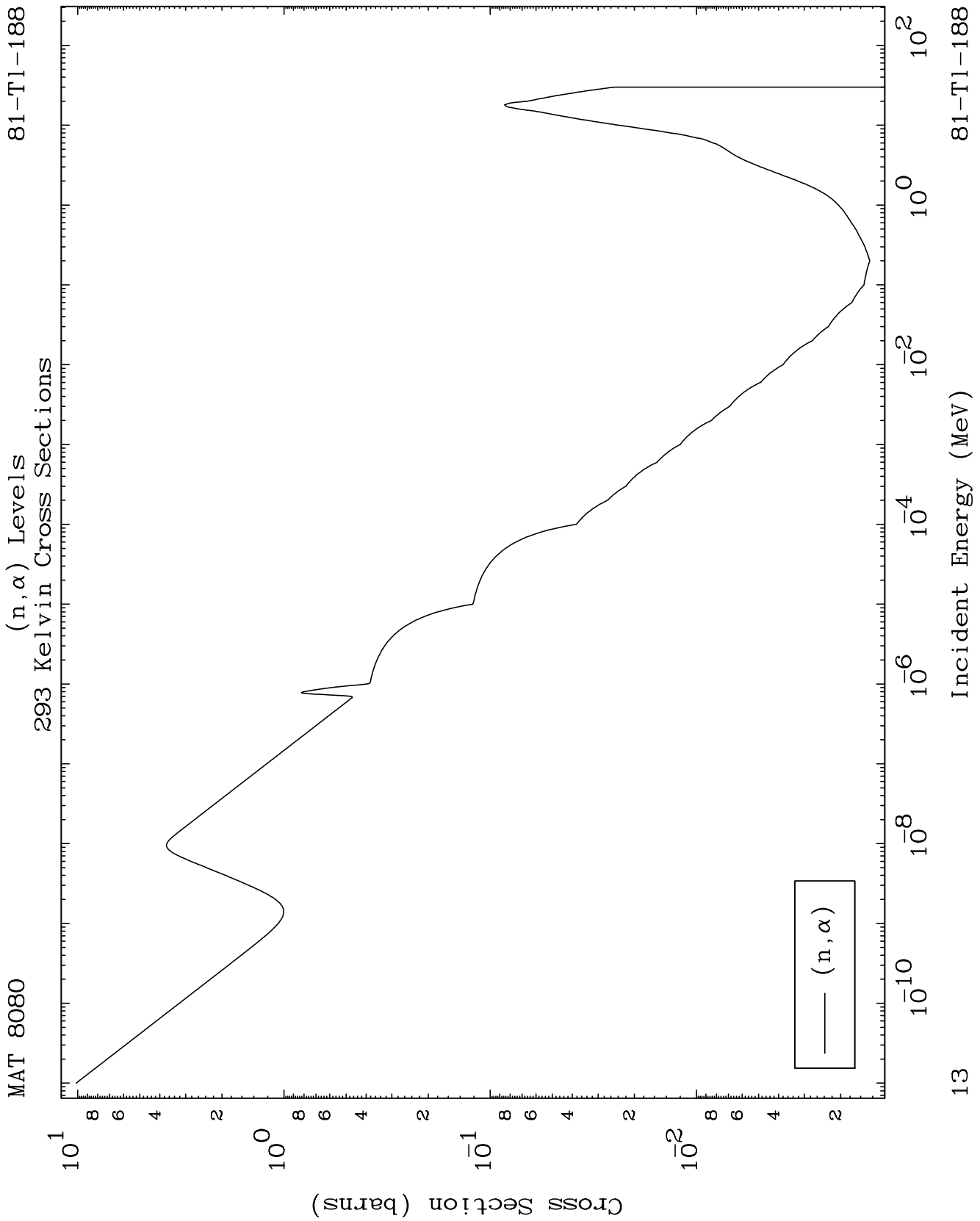


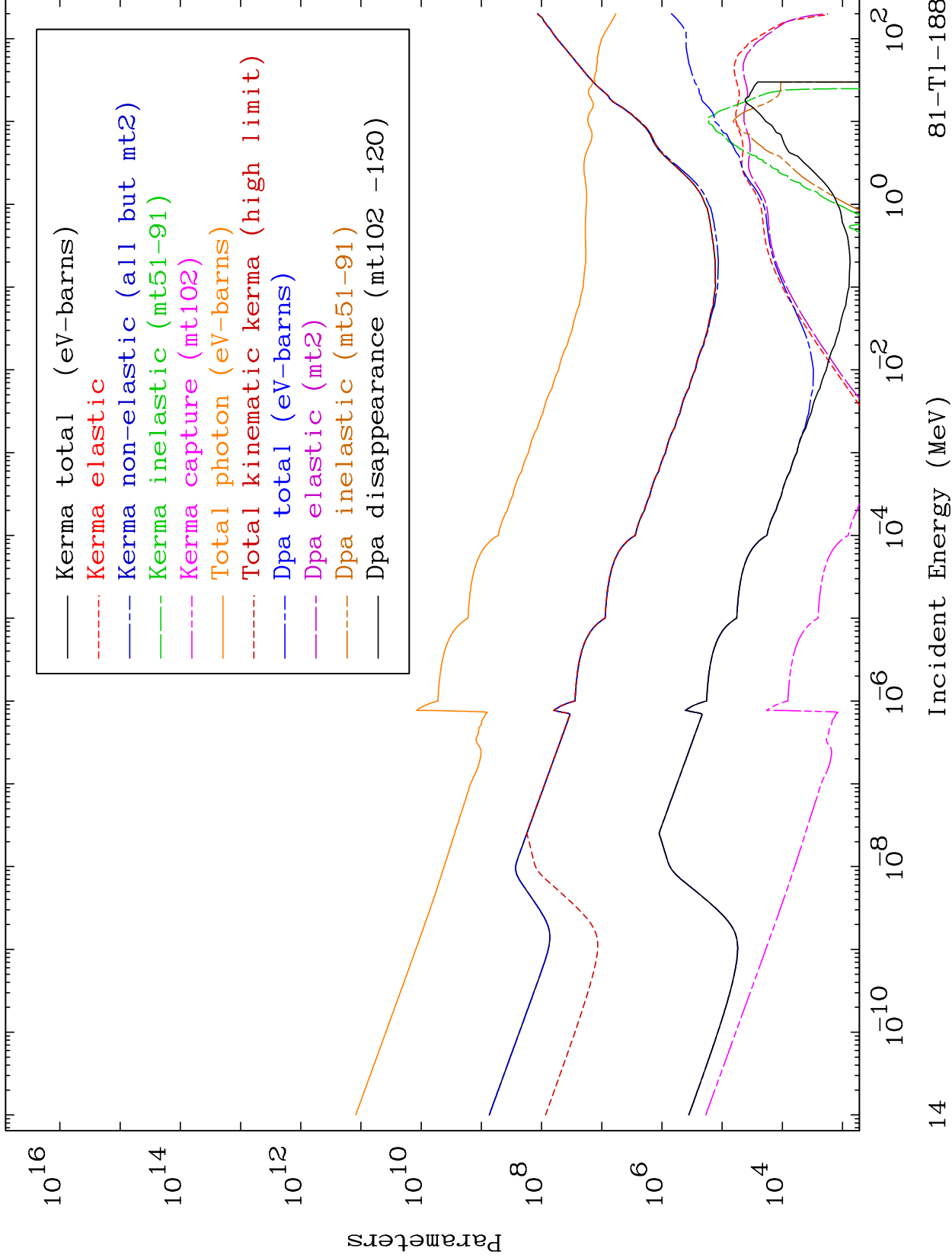
MAT 8080

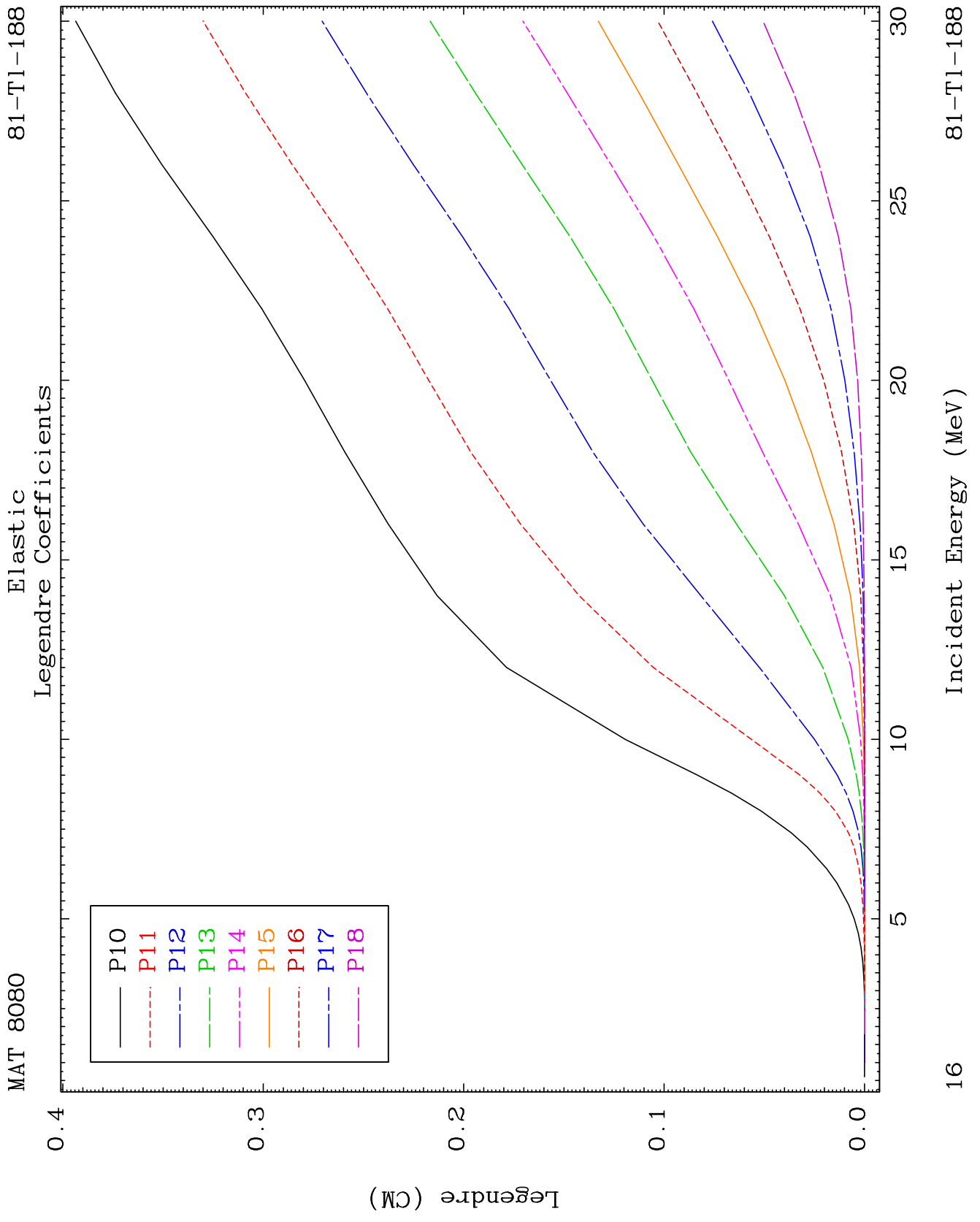
(n,He3) Levels
293 Kelvin Cross Sections

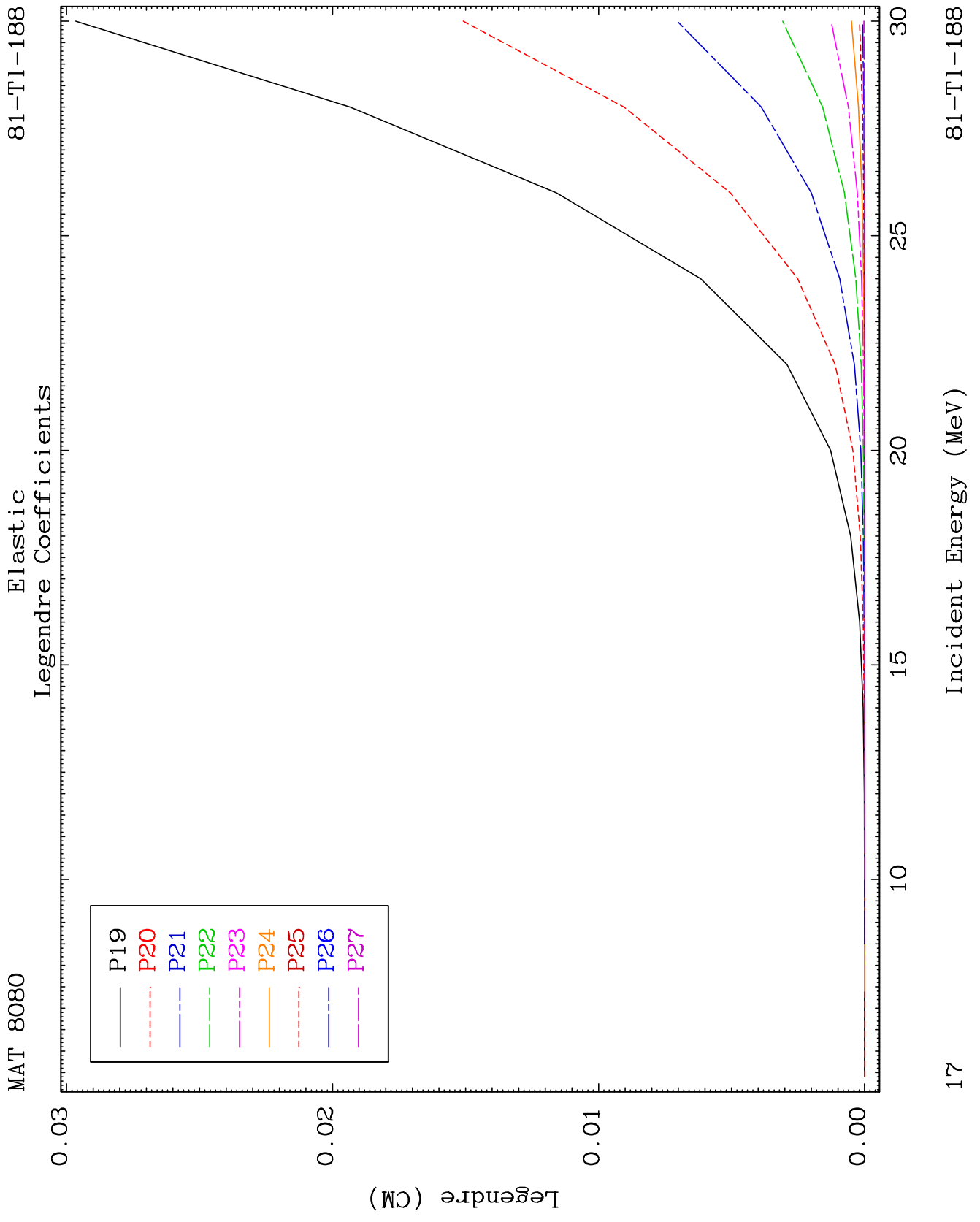
81-Tl-188











MAT 8080

Elastic Legendre Coefficients

81-Tl-188

17

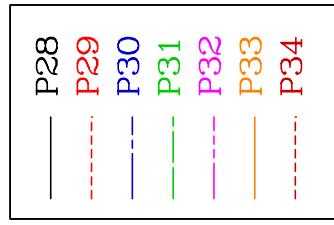
Incident Energy (MeV)

81-Tl-188

MAT 8080

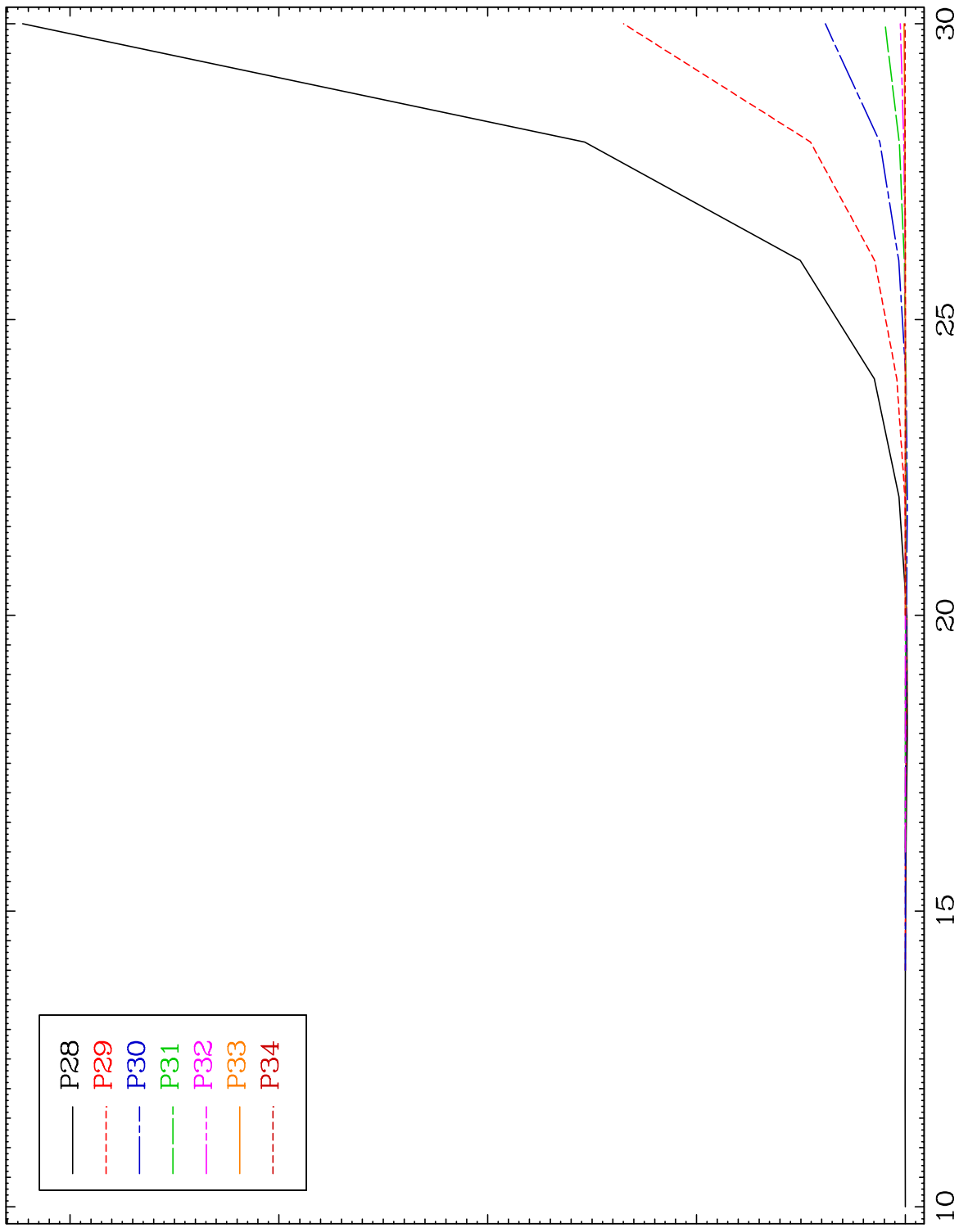
Elastic
Legendre Coefficients

81-Tl-188



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

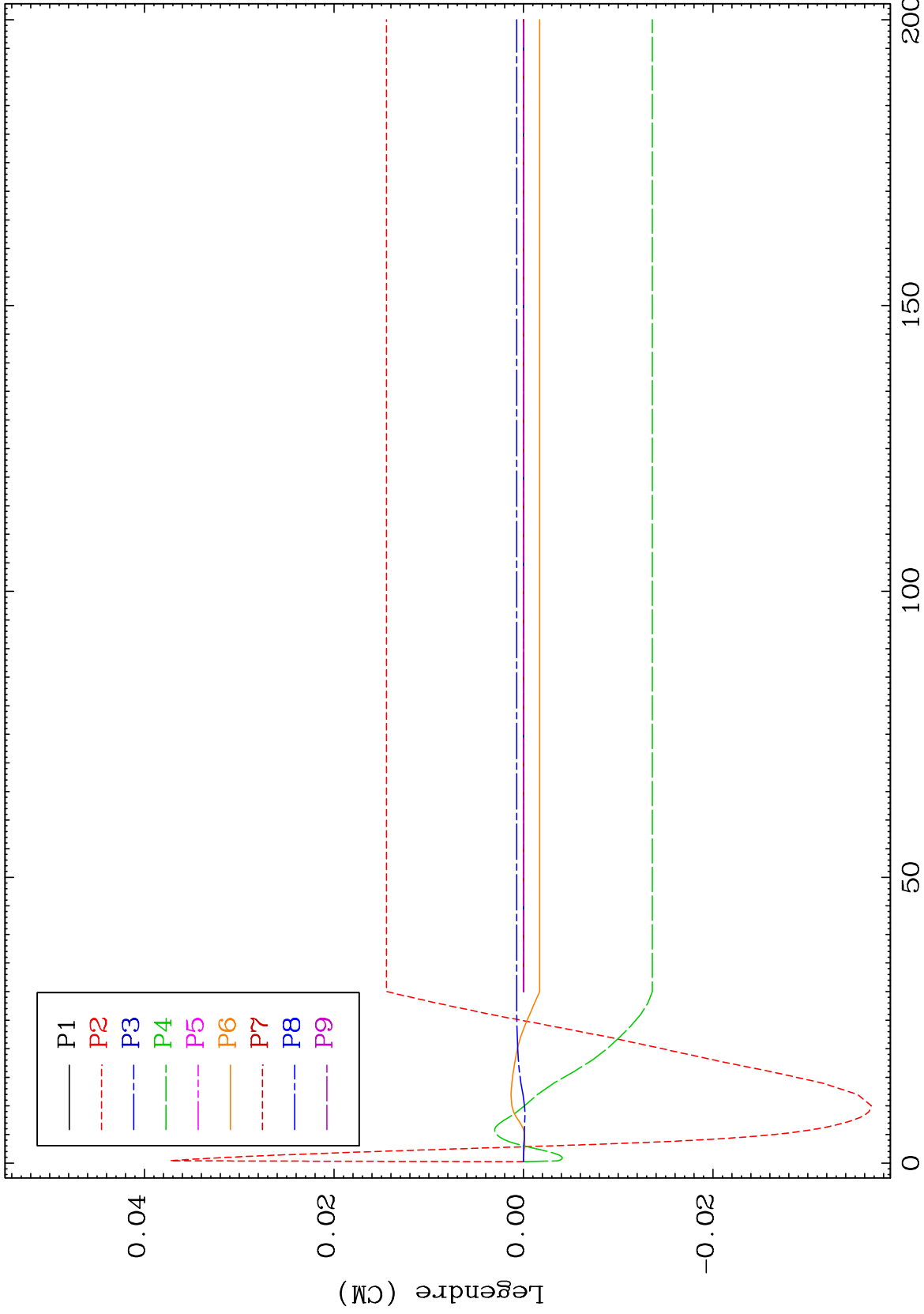
Incident Energy (MeV)

81-Tl-188

MAT 8080

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

81-Tl-188



19

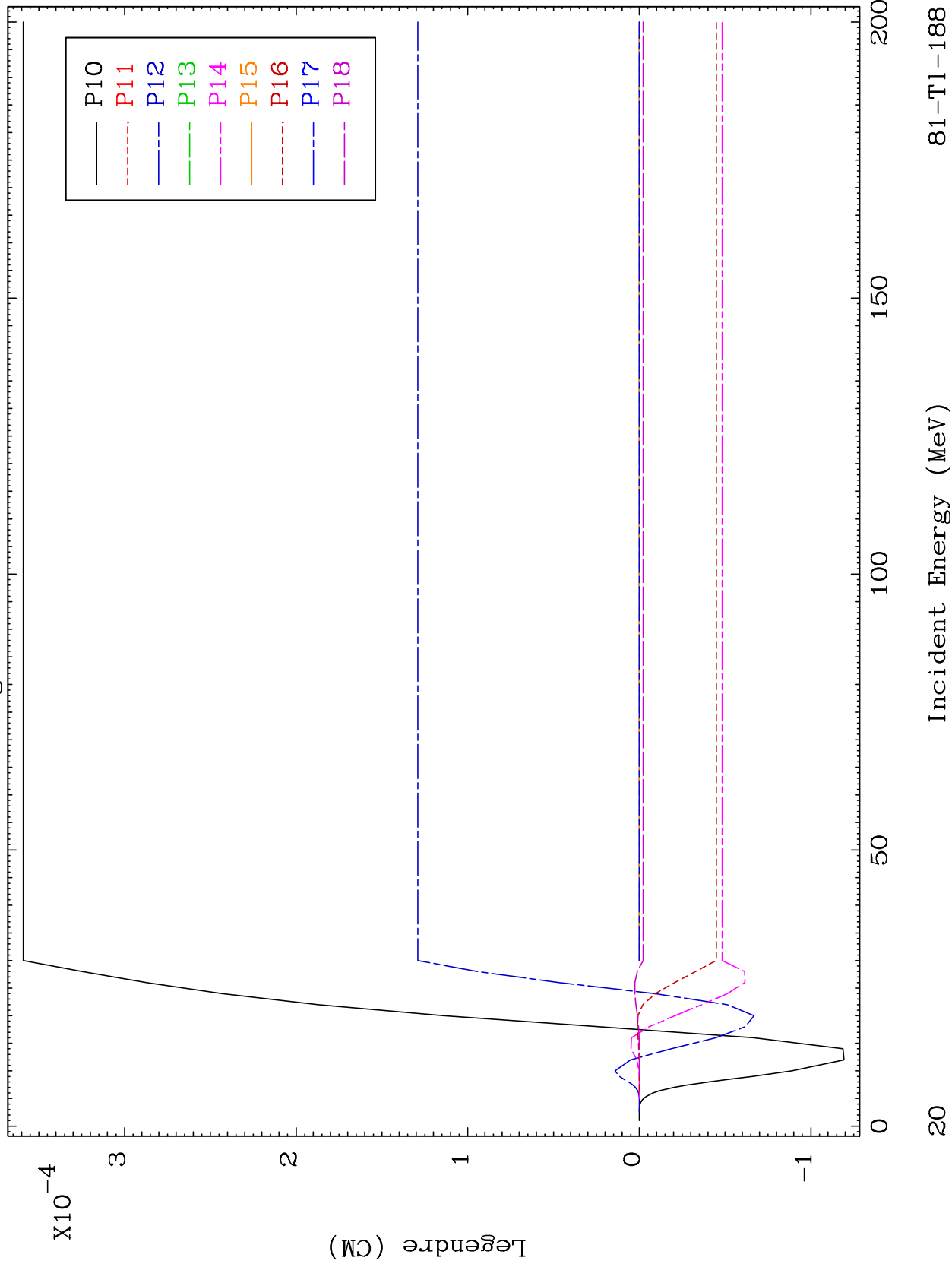
Incident Energy (MeV)

81-Tl-188

MAT 8080

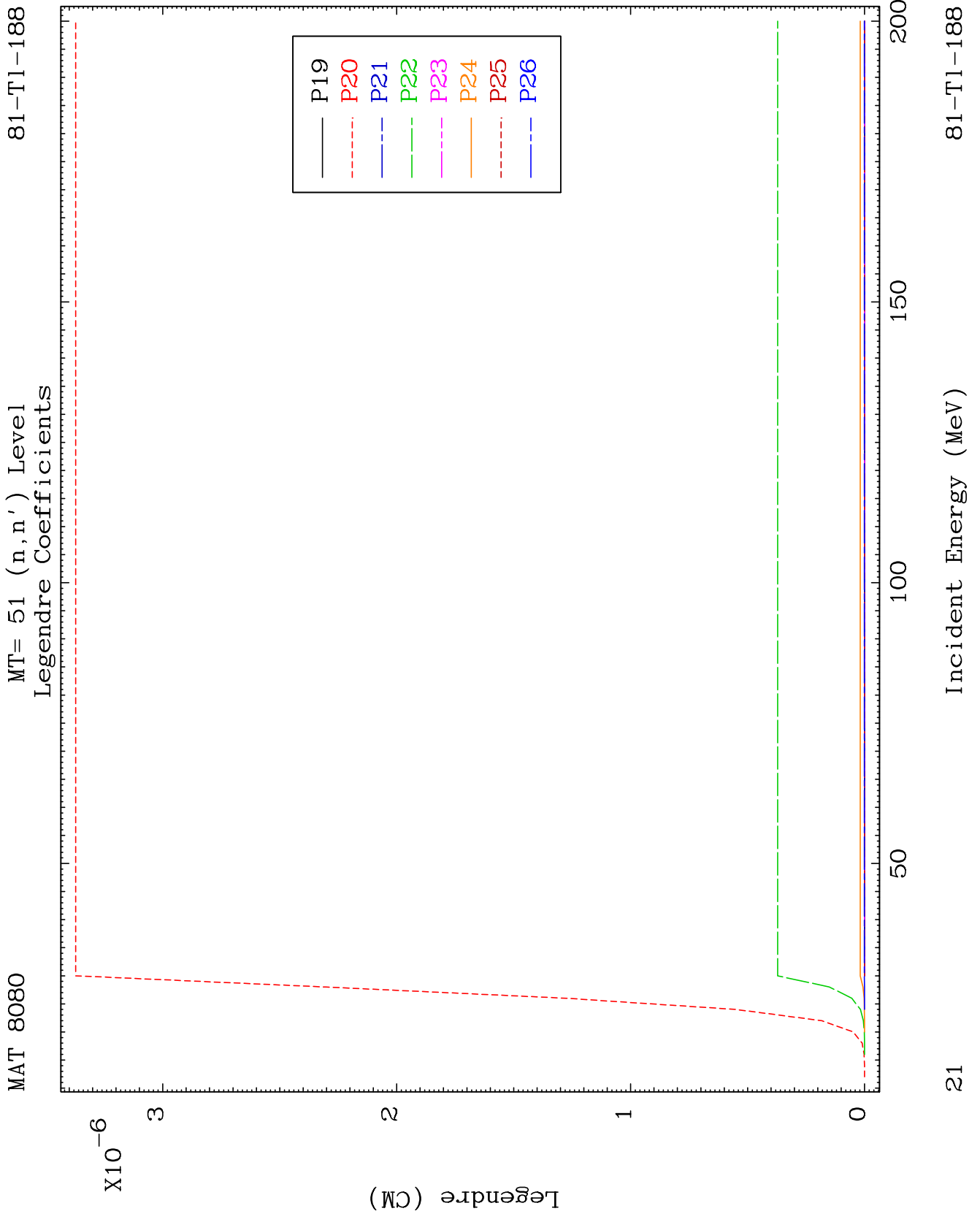
MT= 51 (n,n') Level
Legendre Coefficients

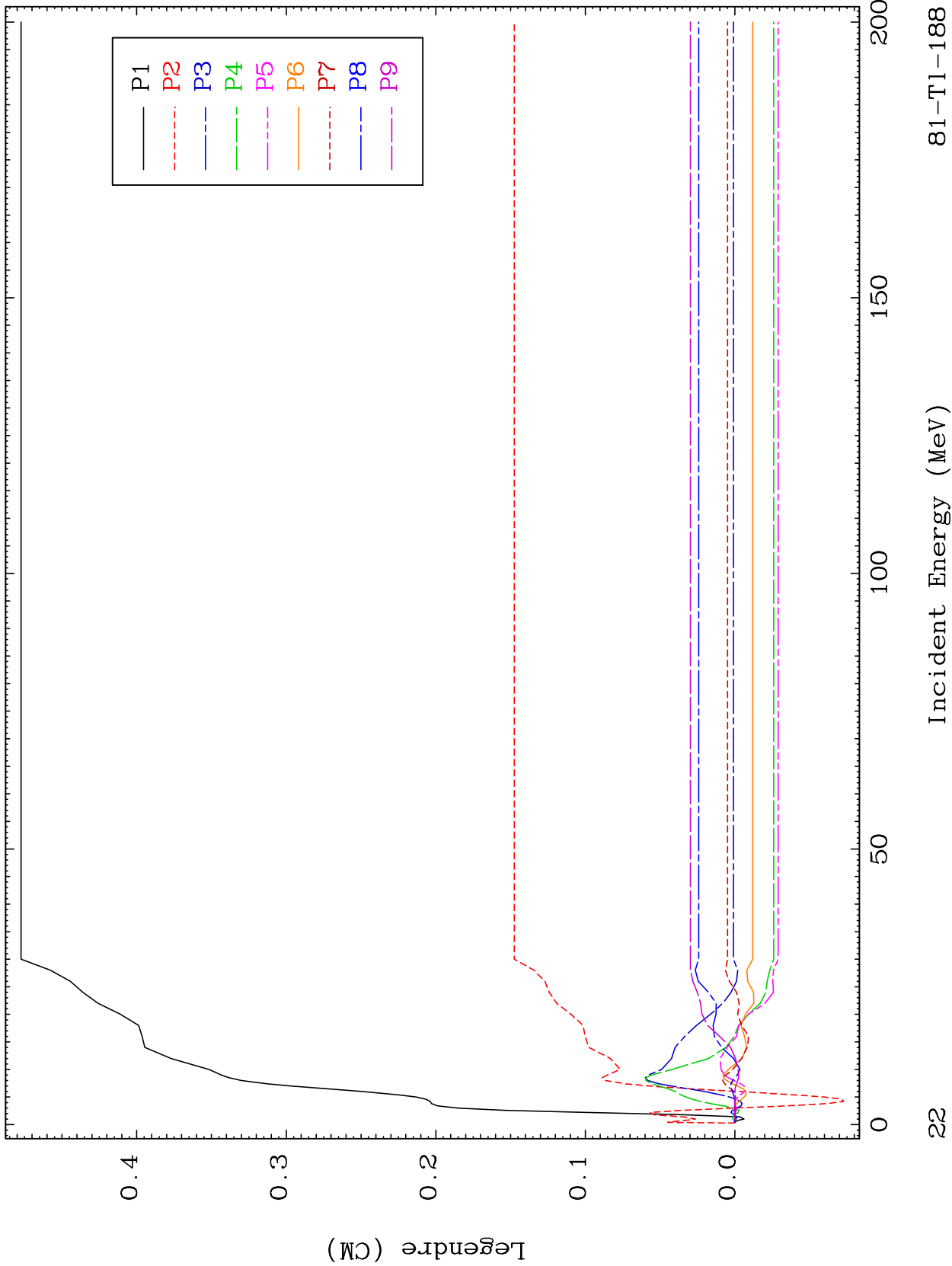
81-Tl-188

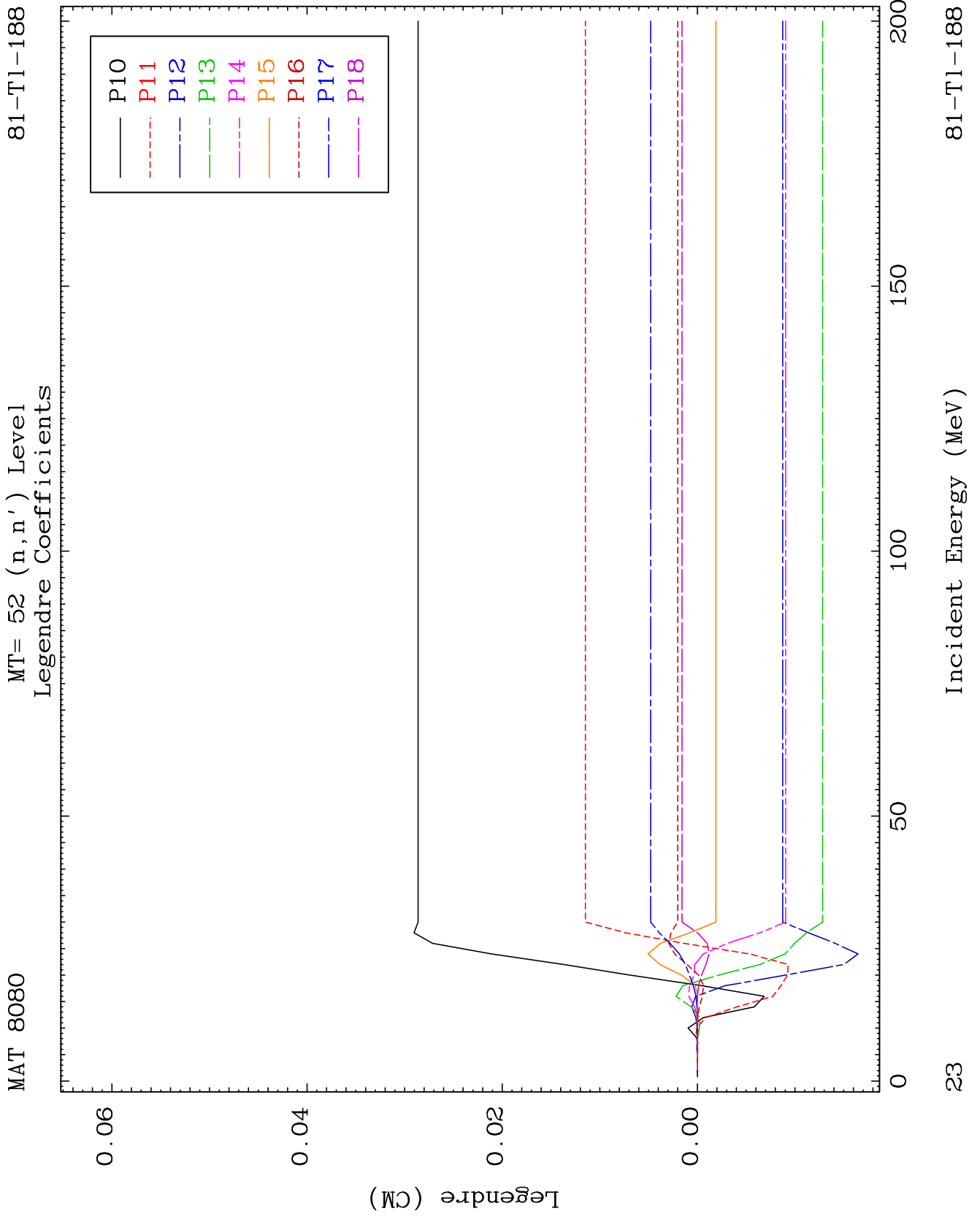


81-Tl-188

Incident Energy (MeV)



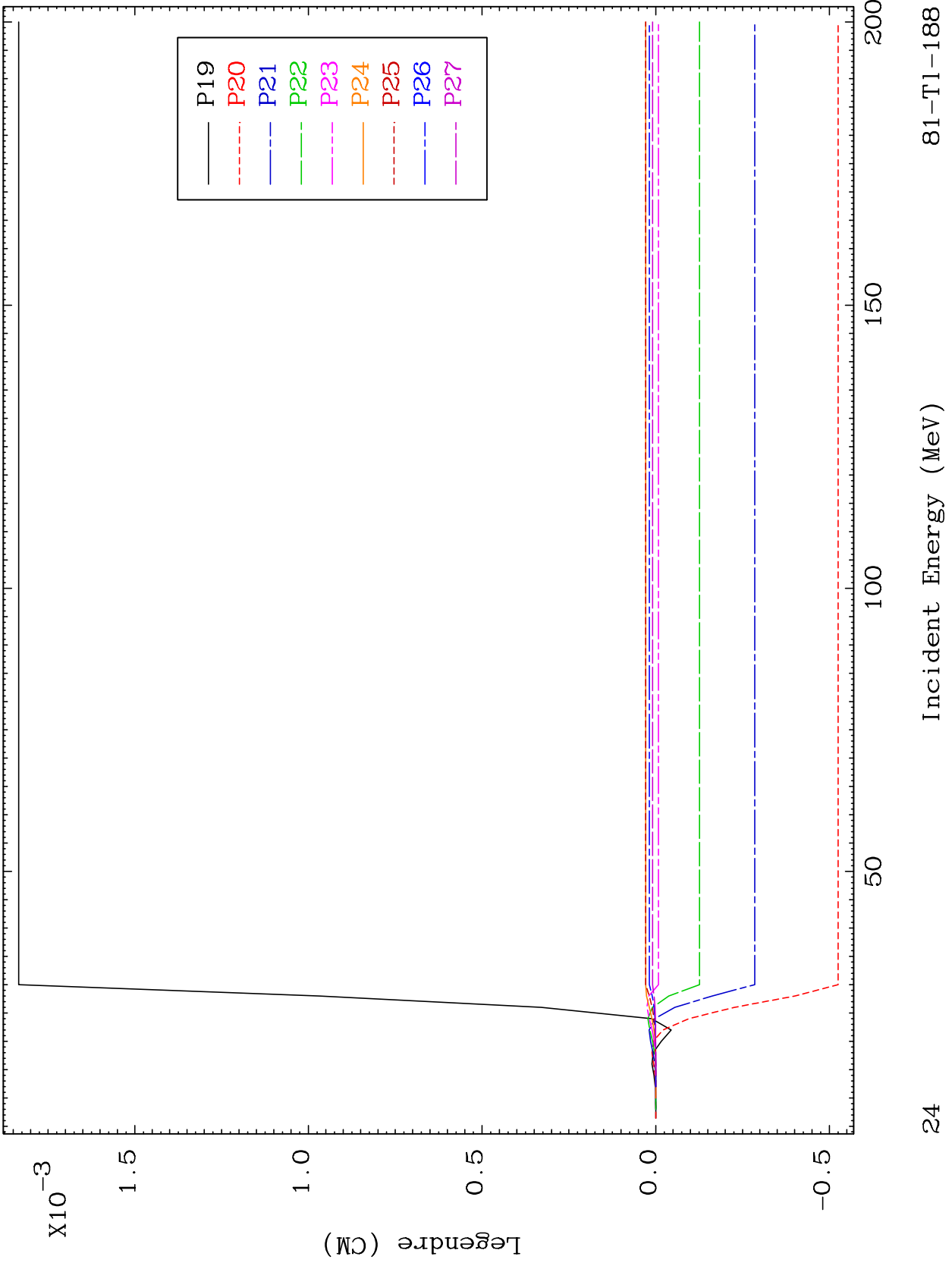




MAT 8080

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

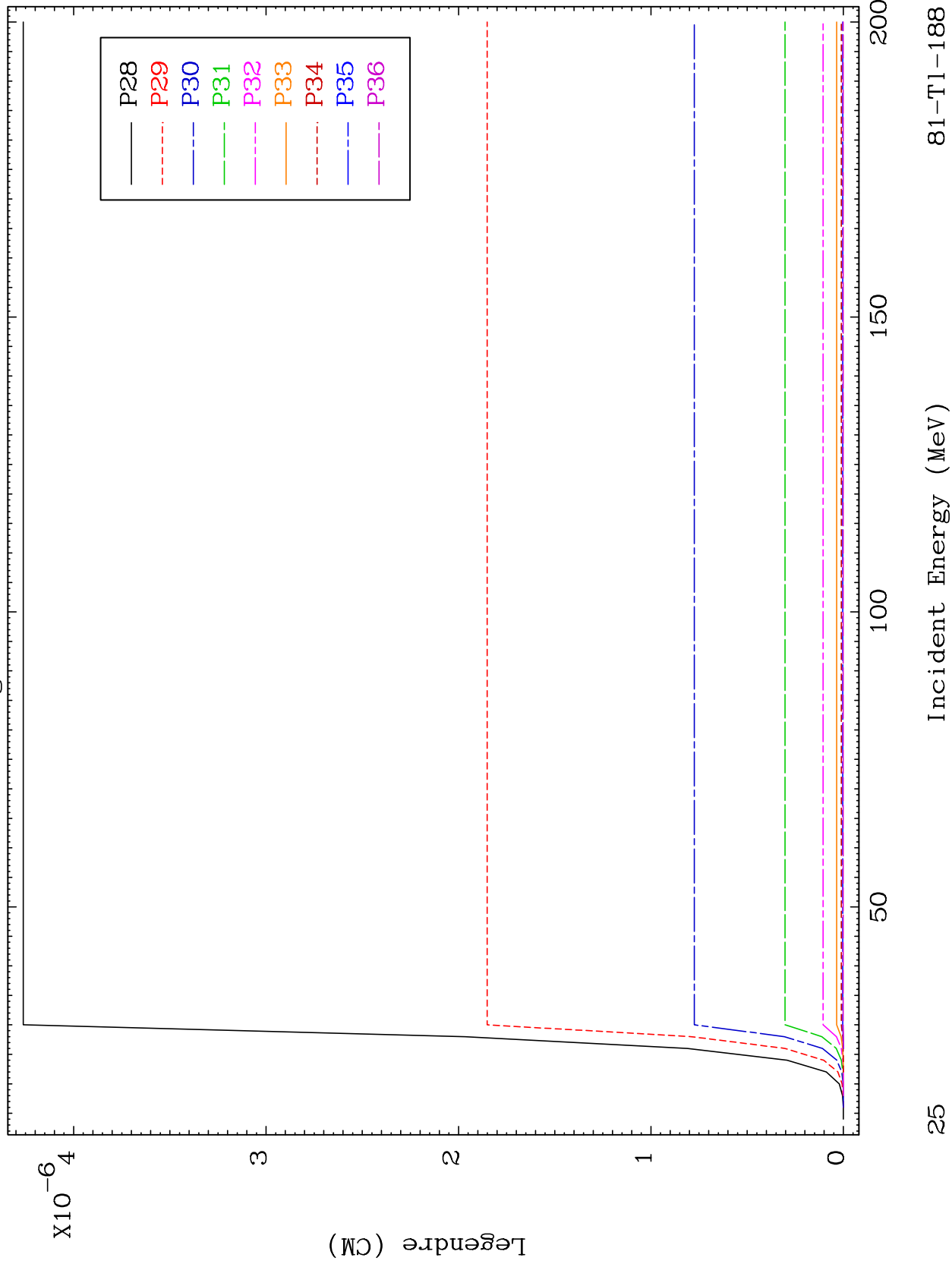
81-Tl-188



MAT 8080

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

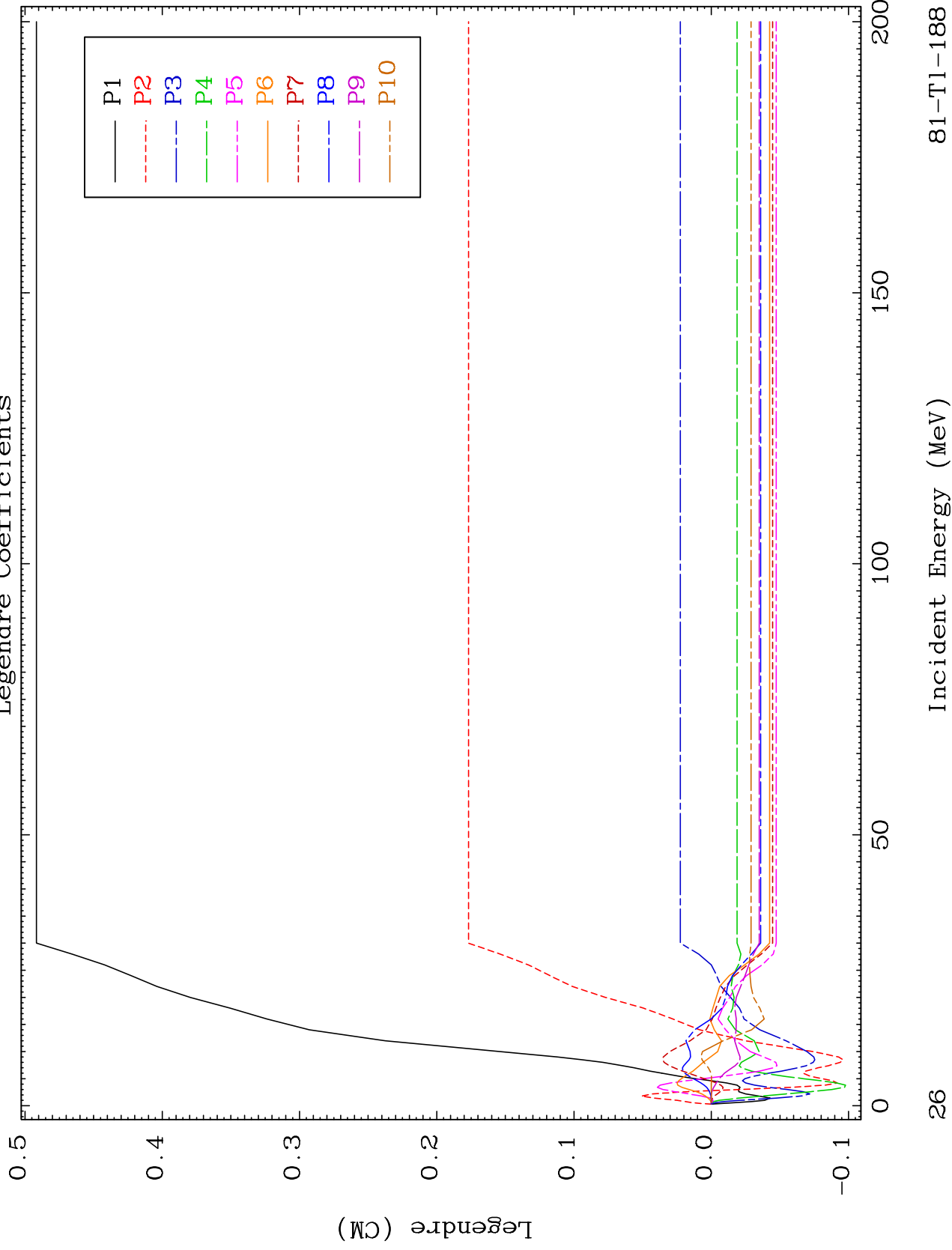
81-Tl-188



MAT 8080

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

81-Tl-188



81-Tl-188

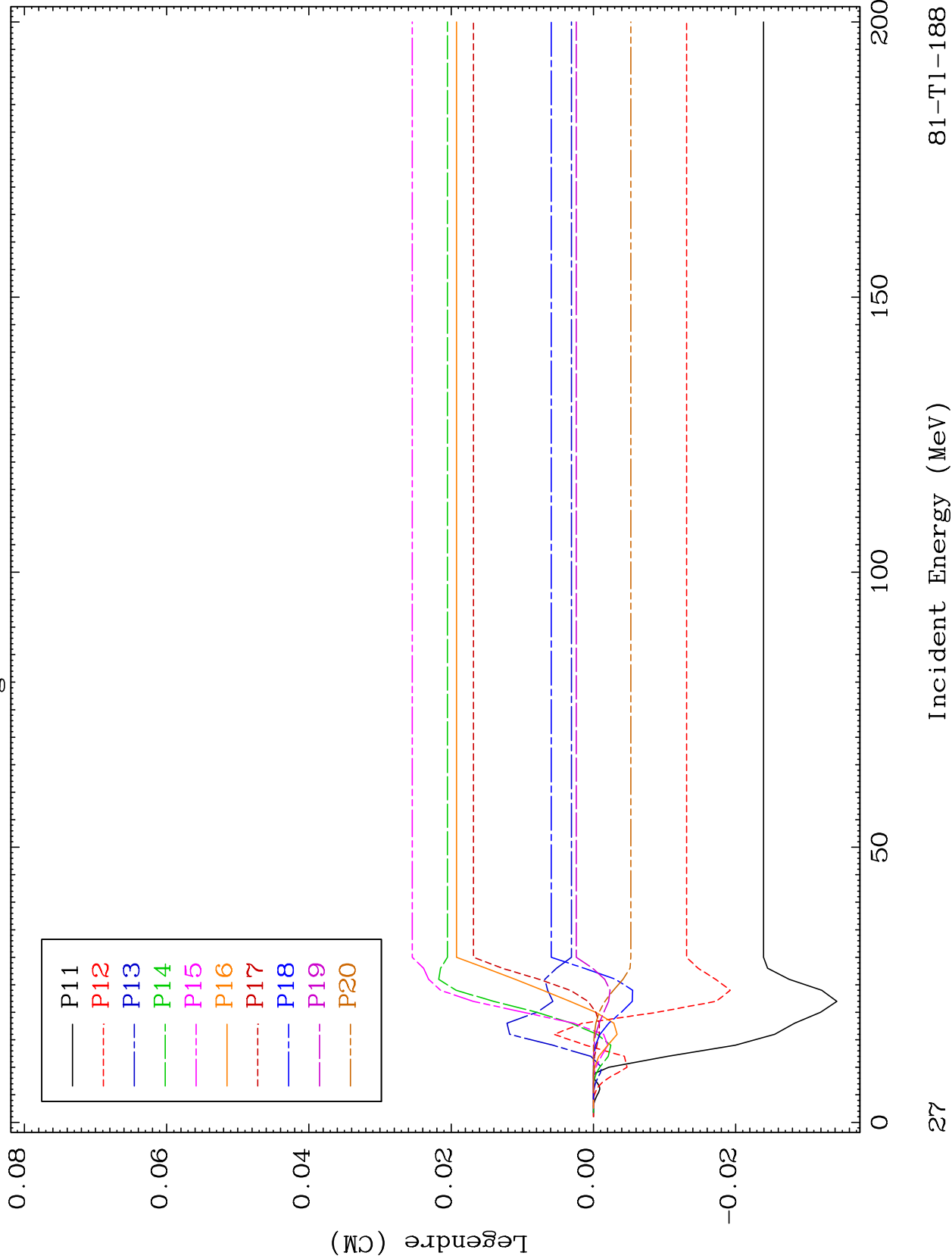
Incident Energy (MeV)

26

MAT 8080

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

81-Tl-188



27

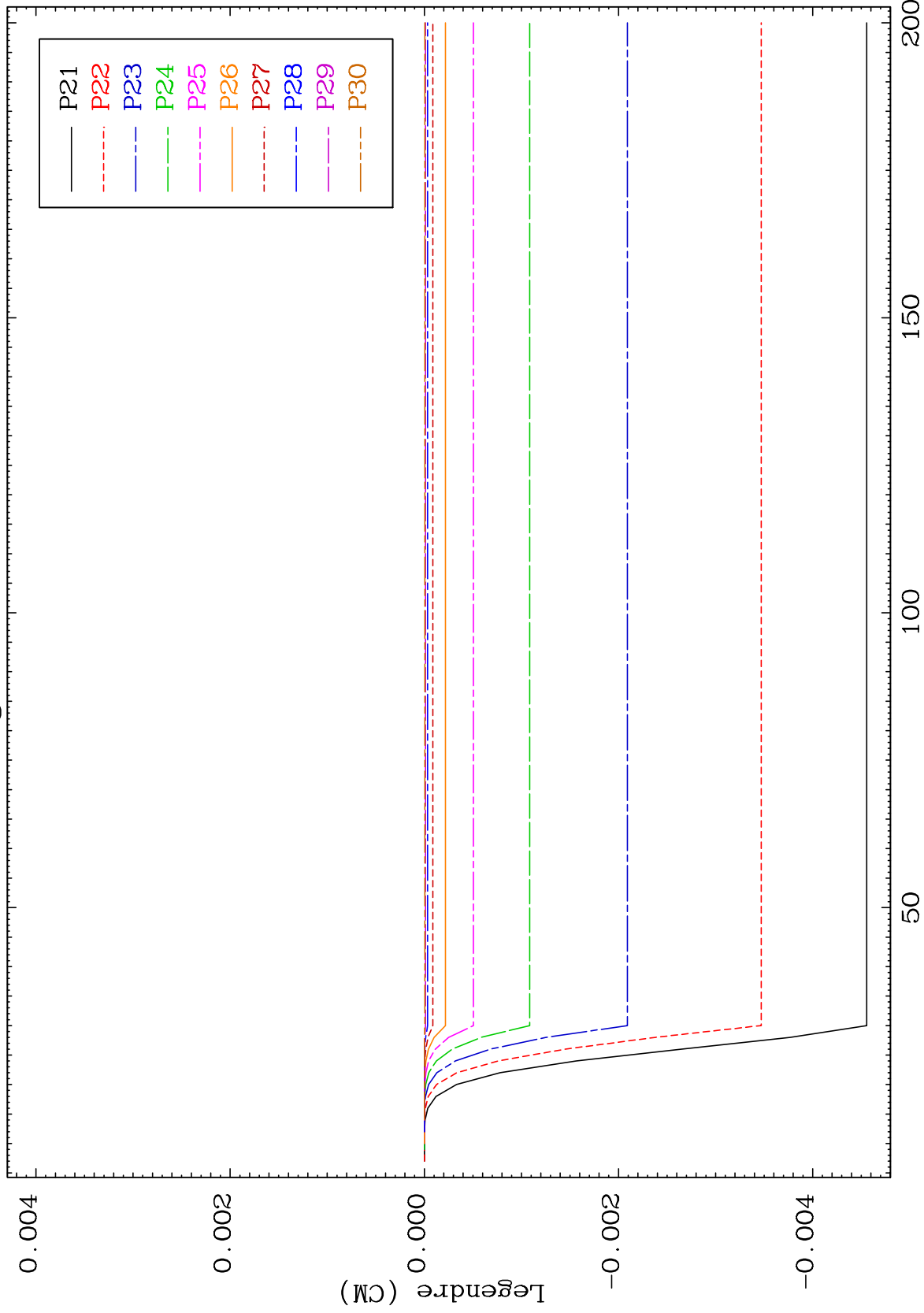
Incident Energy (MeV)

81-Tl-188

MAT 8080

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

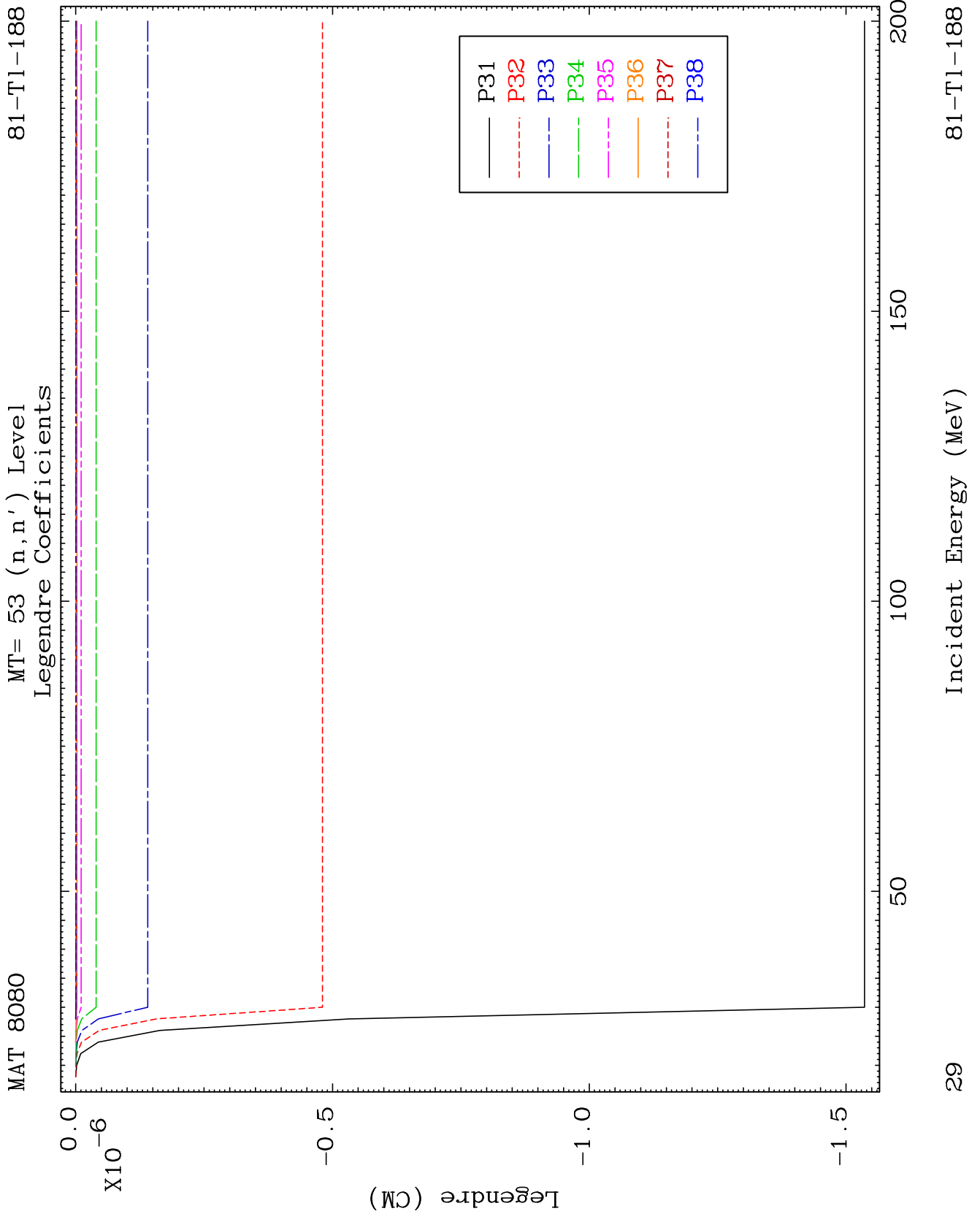
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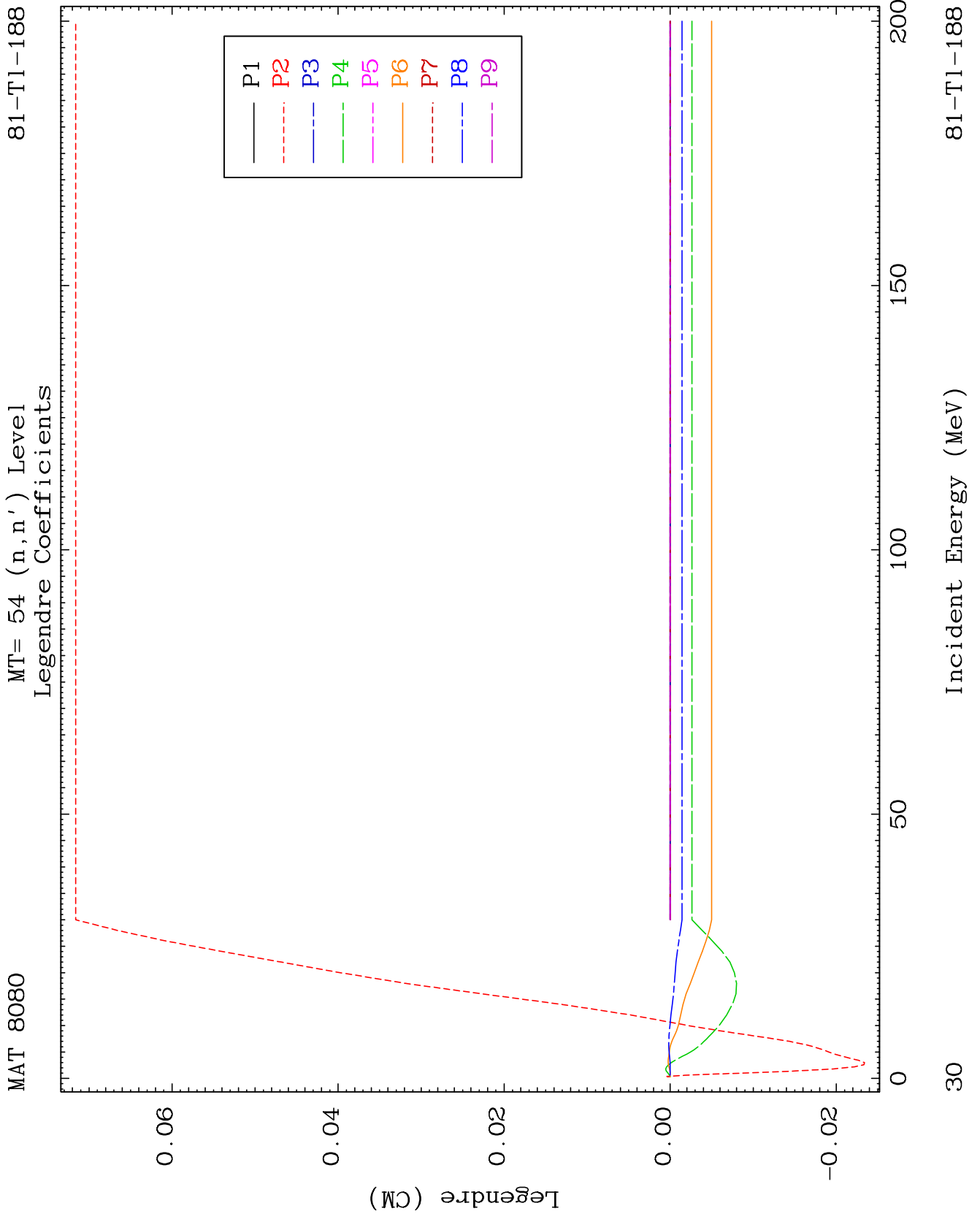


28

Incident Energy (MeV)

81-Tl-188

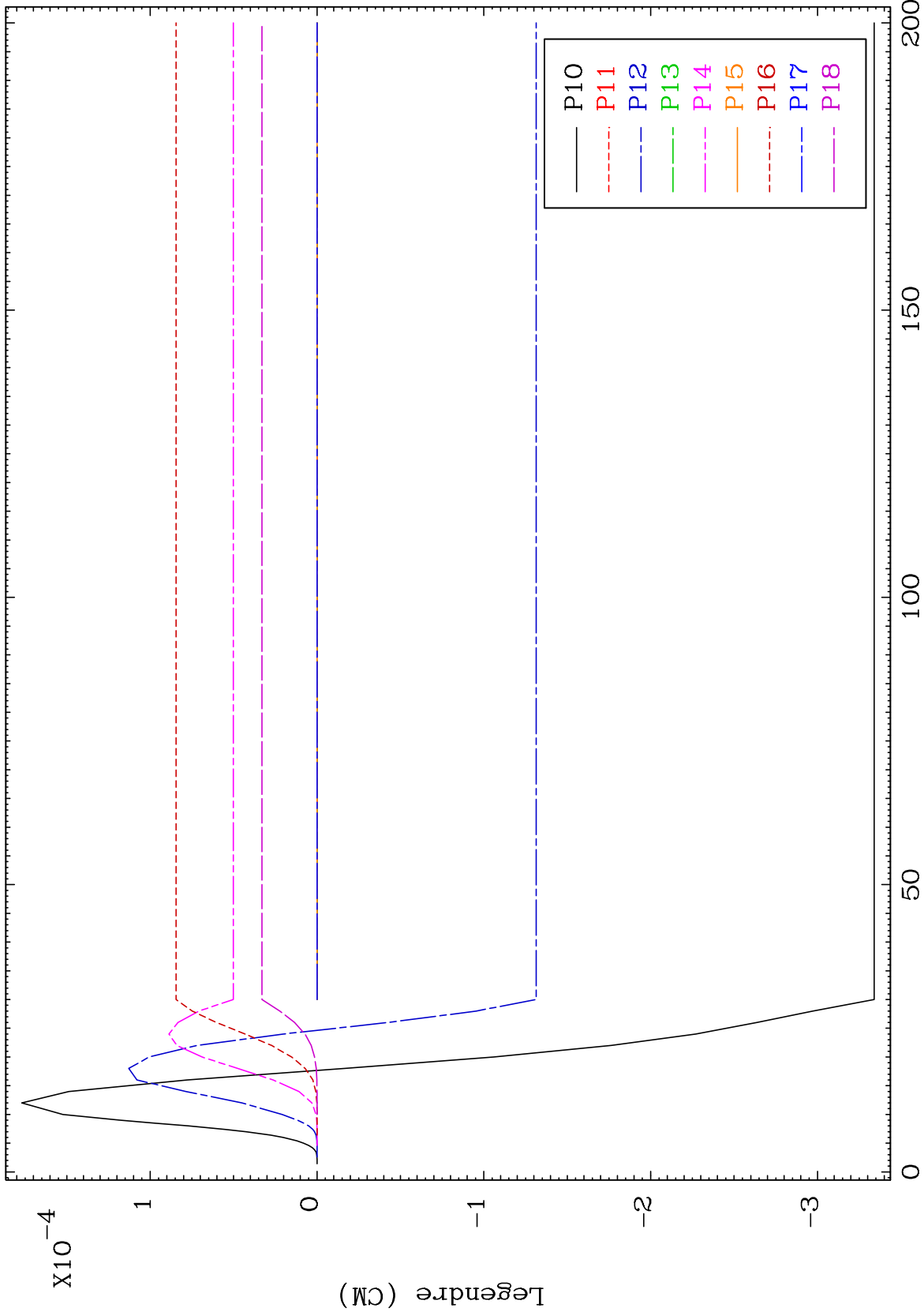




MAT 8080

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

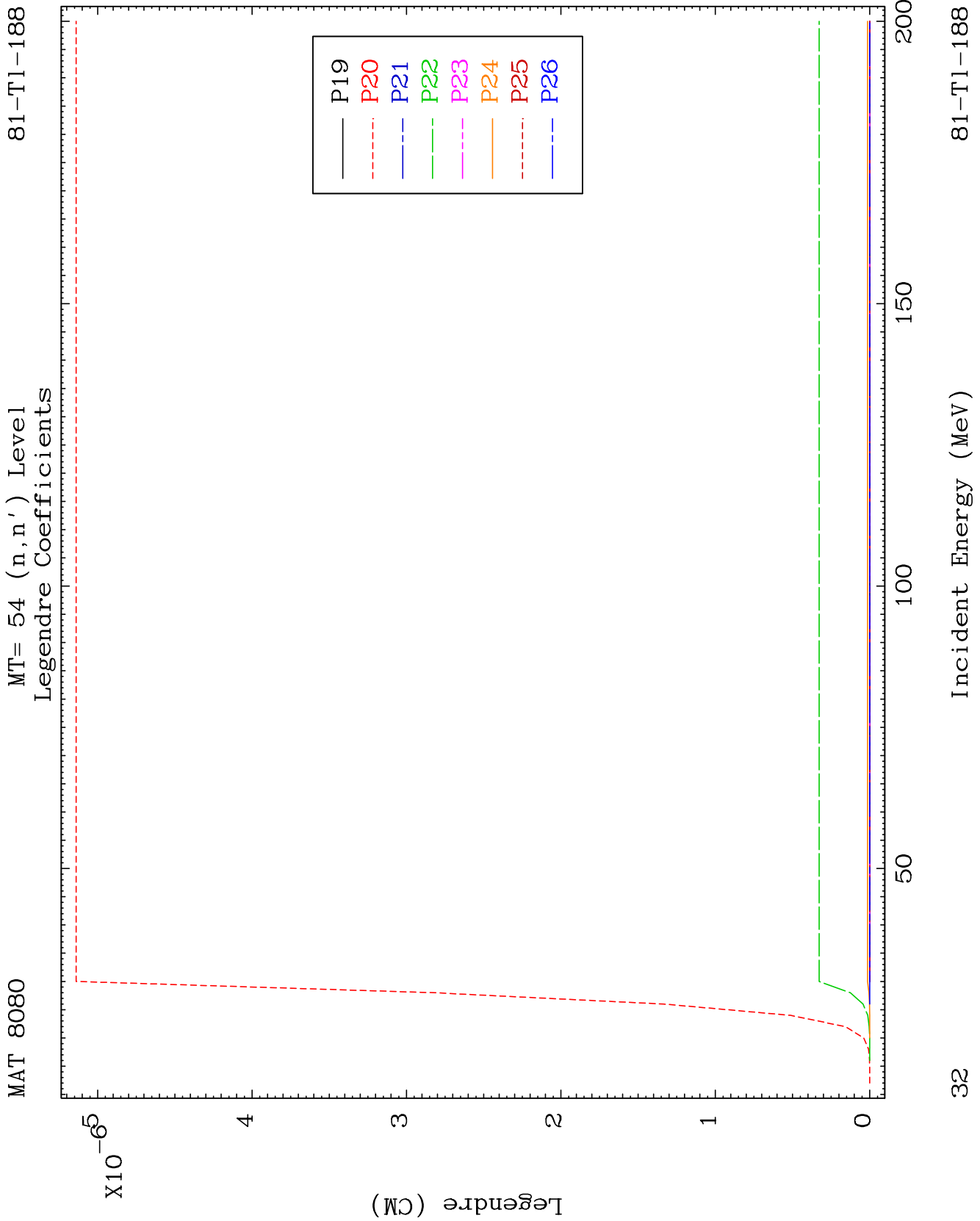
81-Tl-188



31

Incident Energy (MeV)

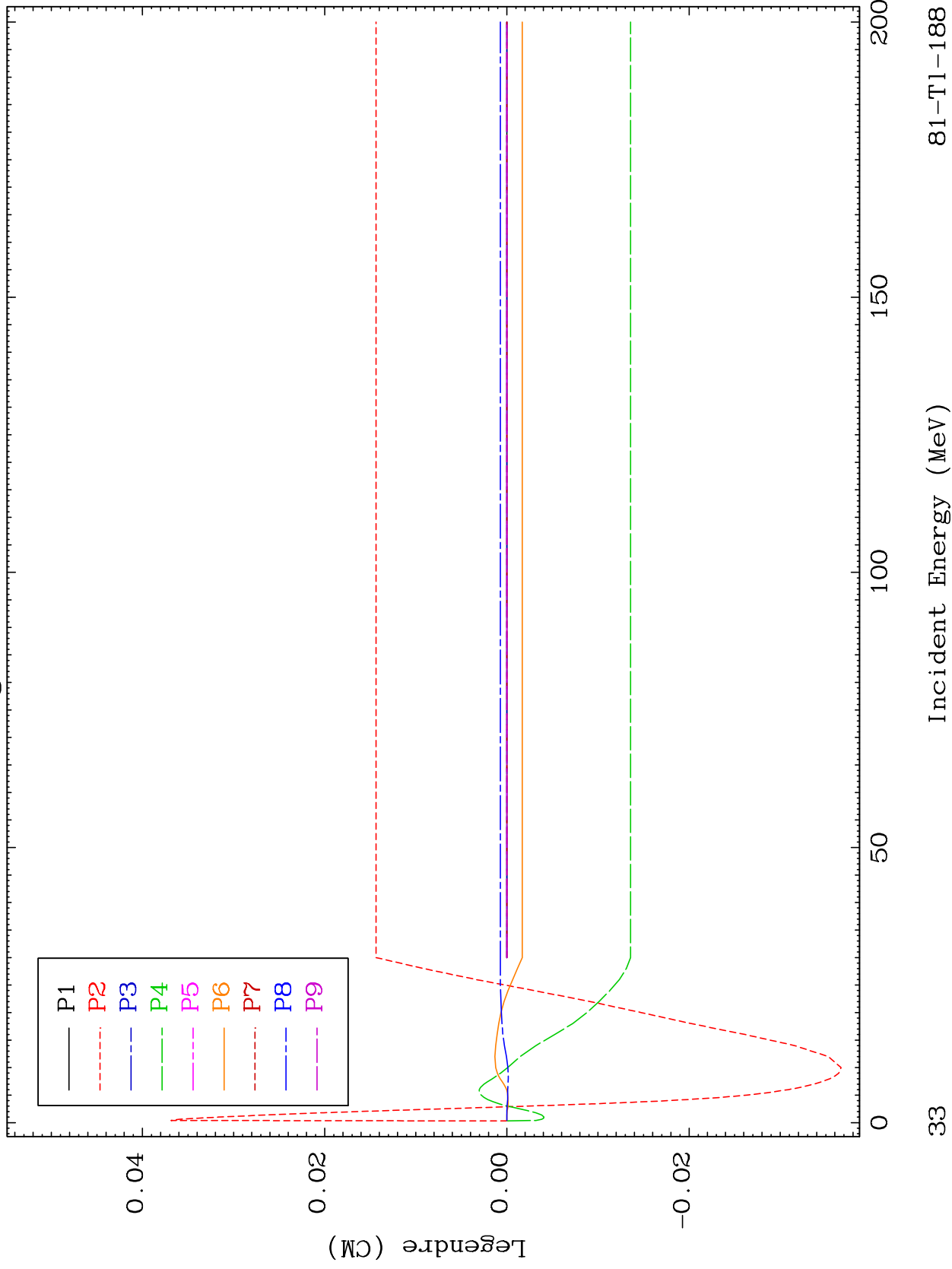
81-Tl-188



MAT 8080

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

81-Tl-188



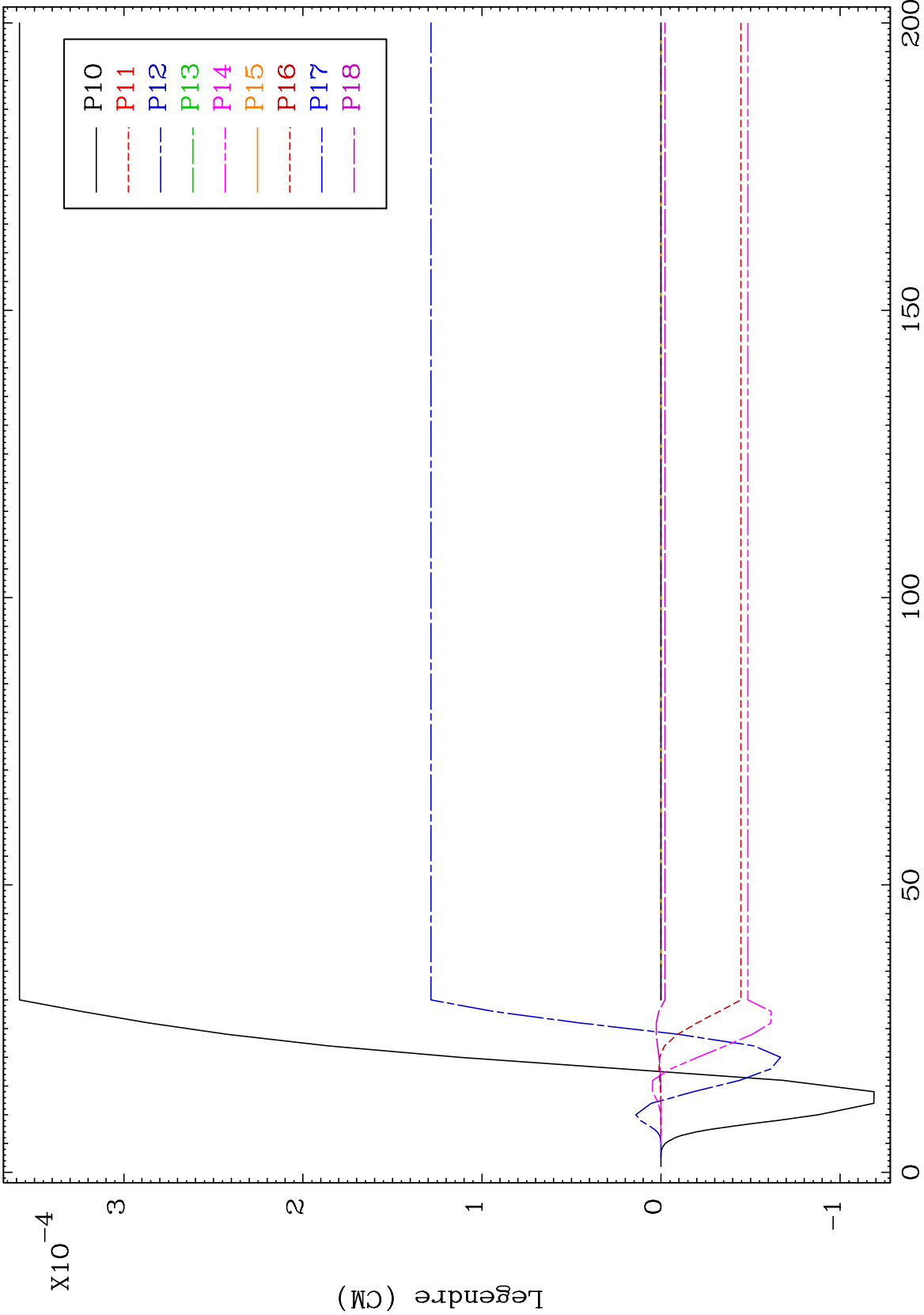
33

81-Tl-188

MAT 8080

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

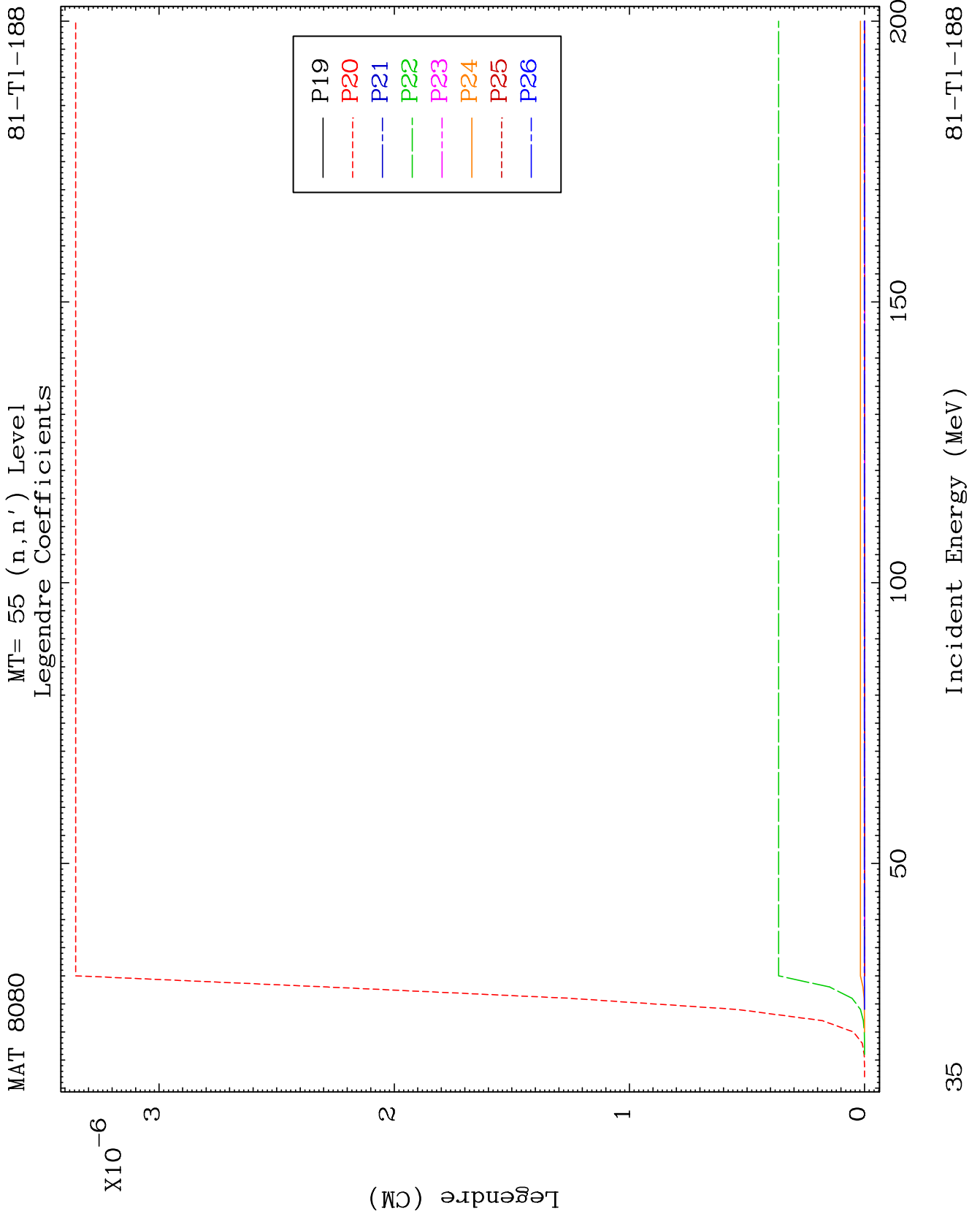
81-Tl-188

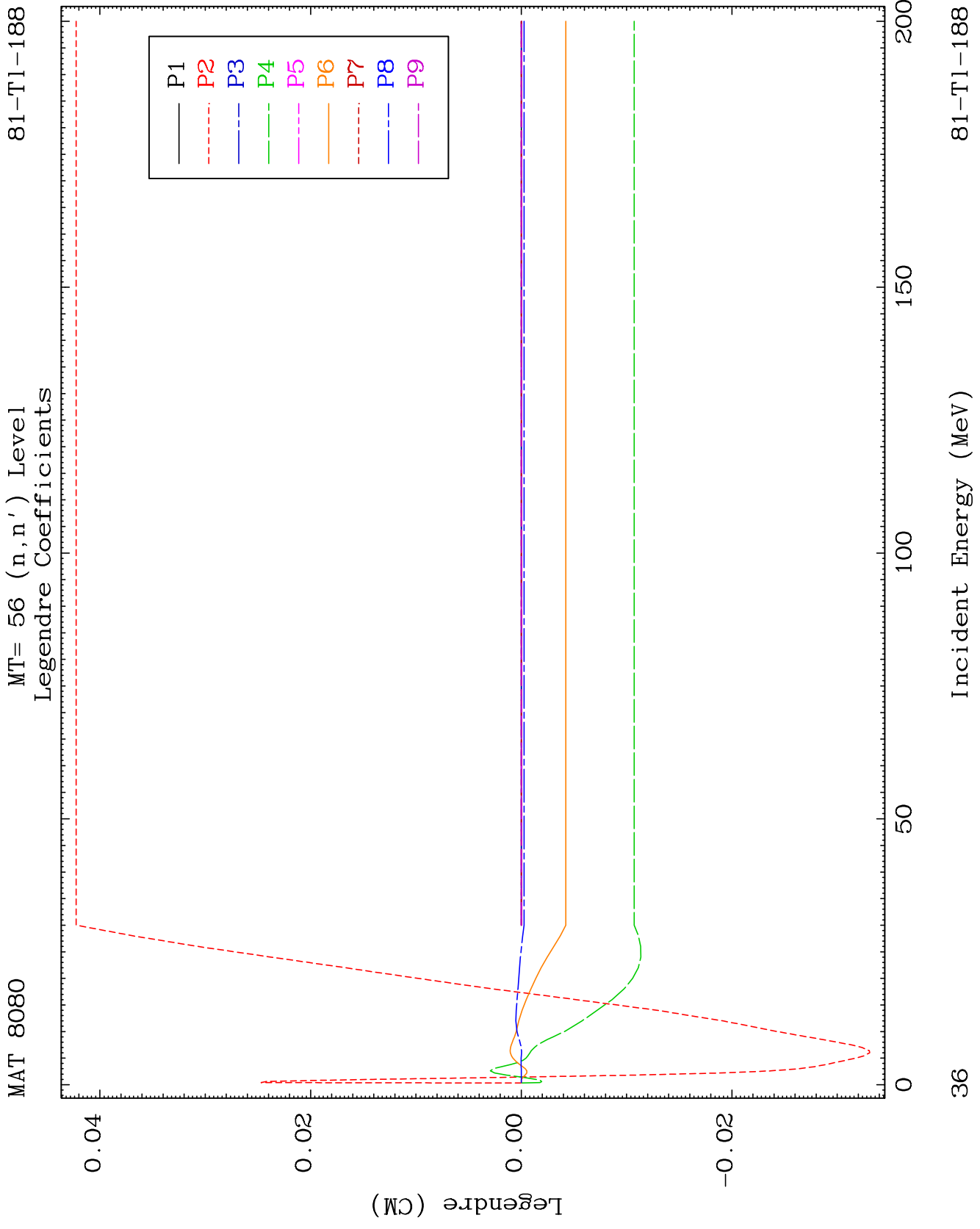


34

Incident Energy (MeV)

81-Tl-188

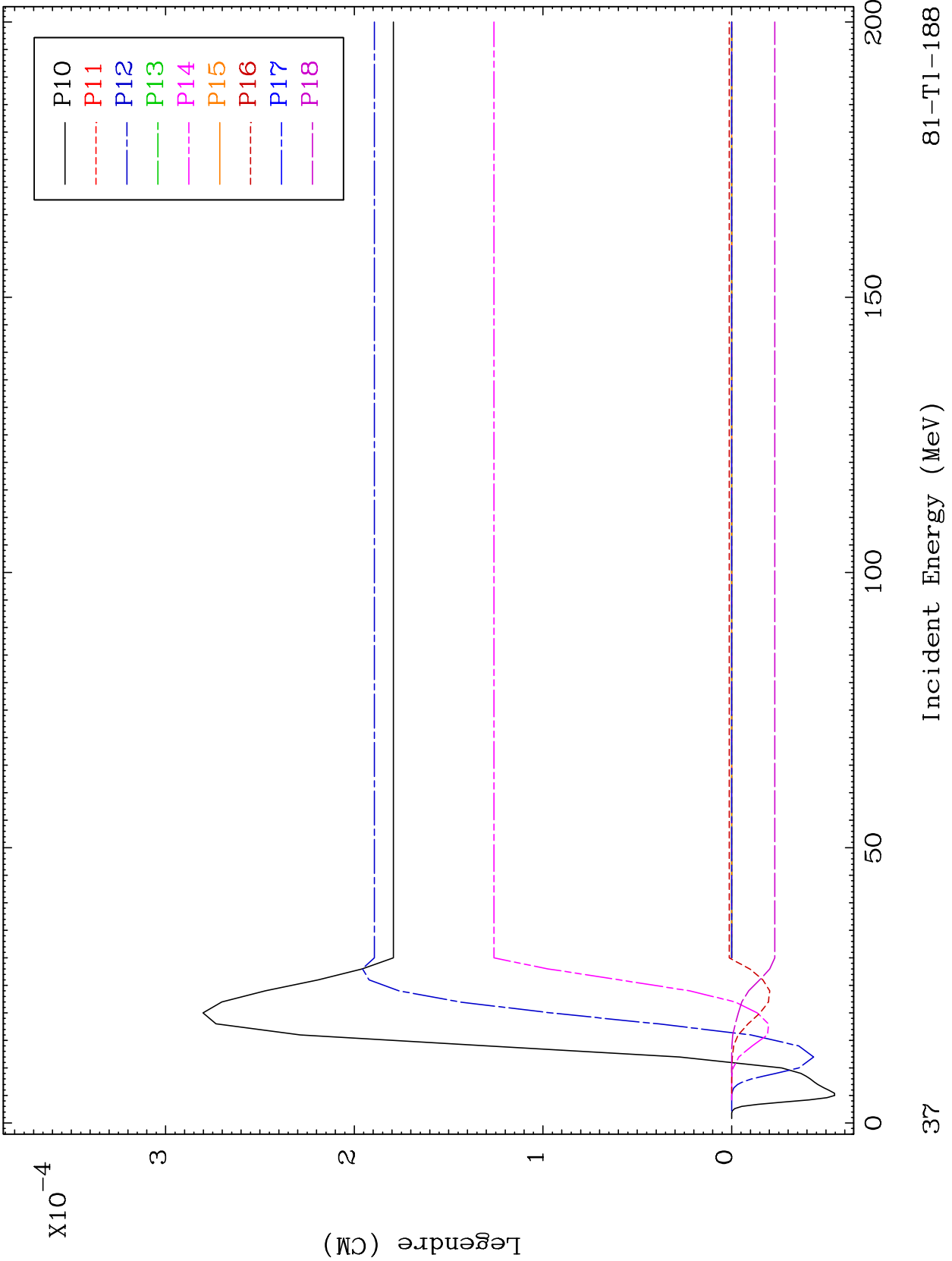




MAT 8080

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

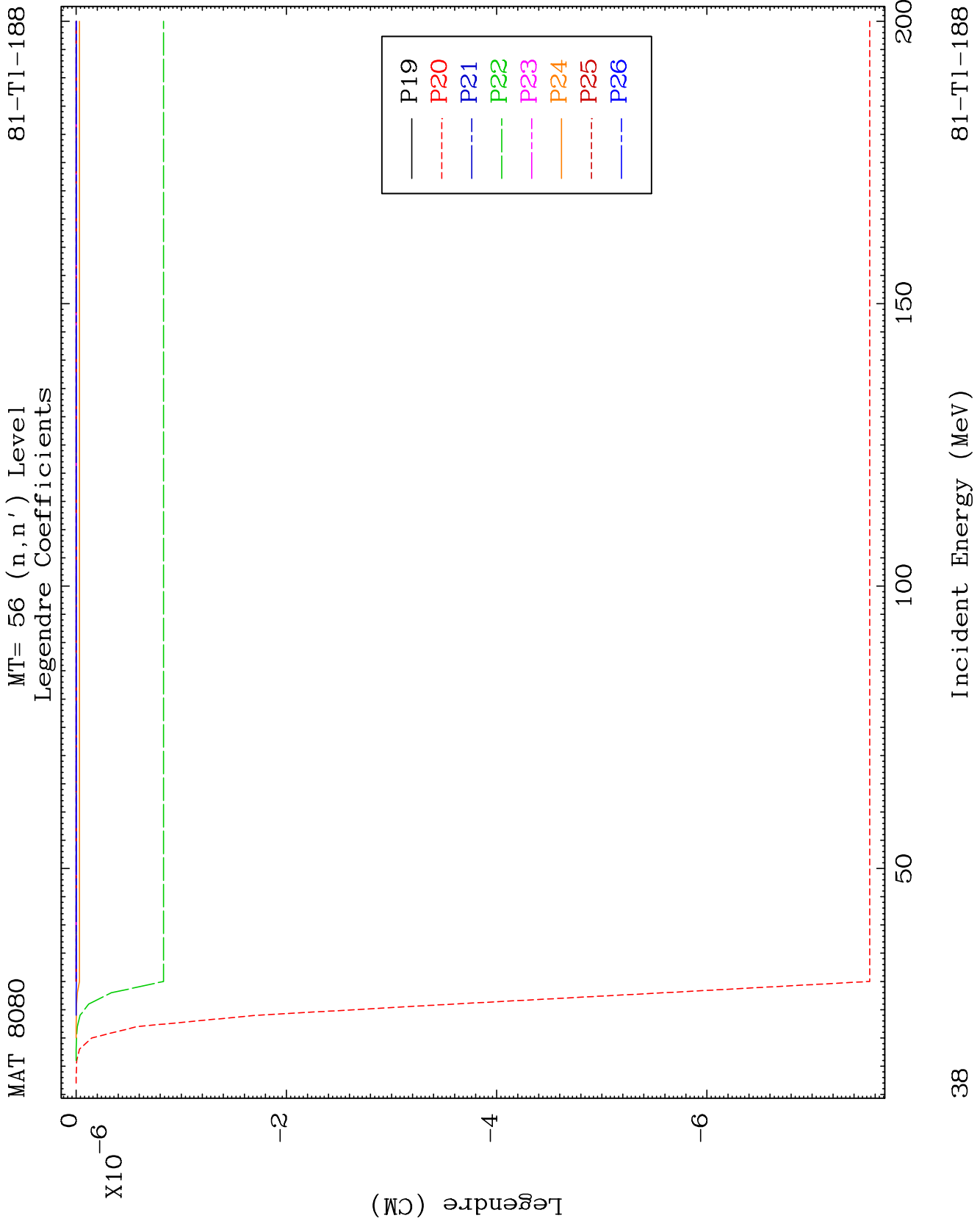
81-Tl-188



37

Incident Energy (MeV)

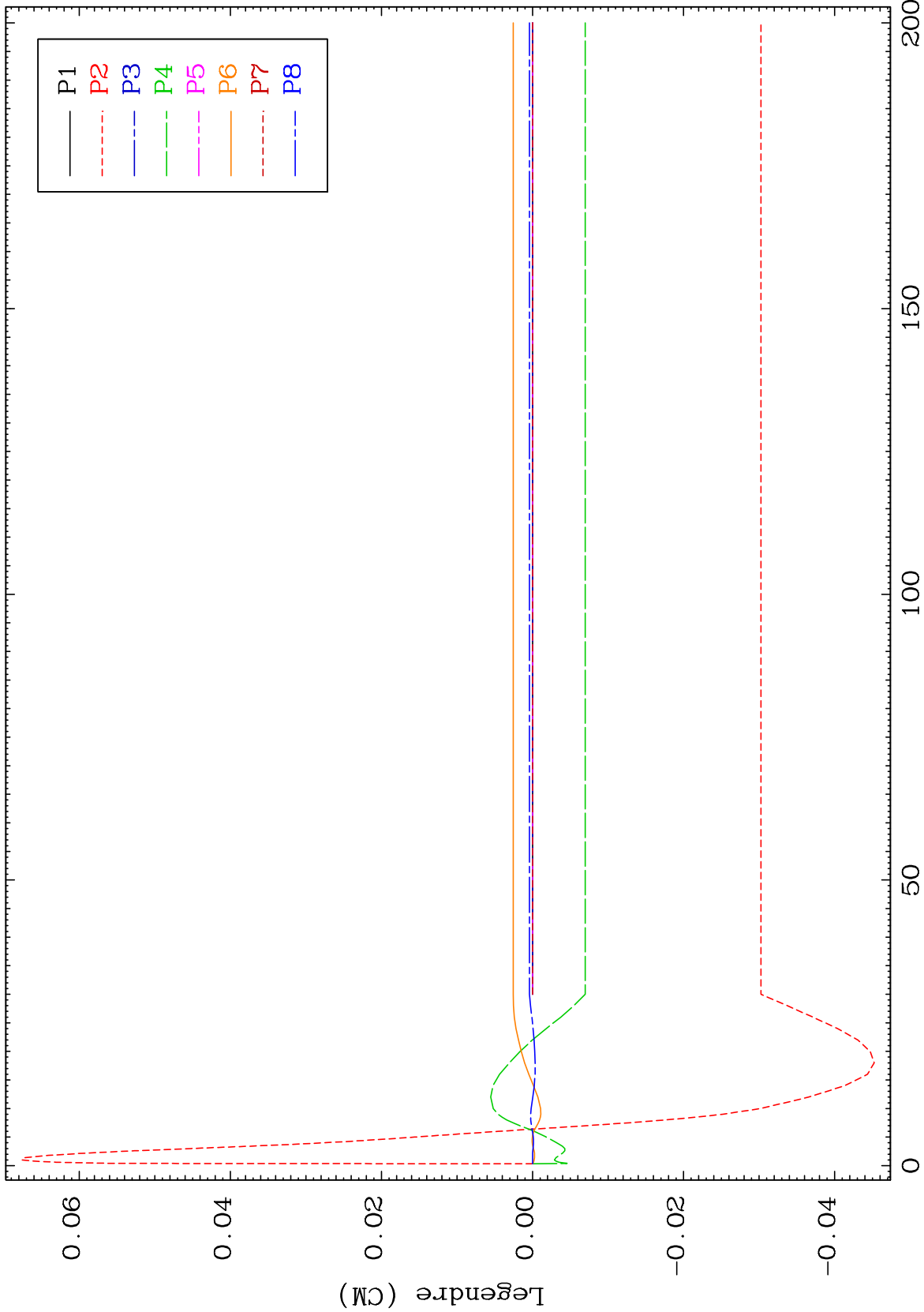
81-Tl-188



MAT 8080

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

81-T1-188



39

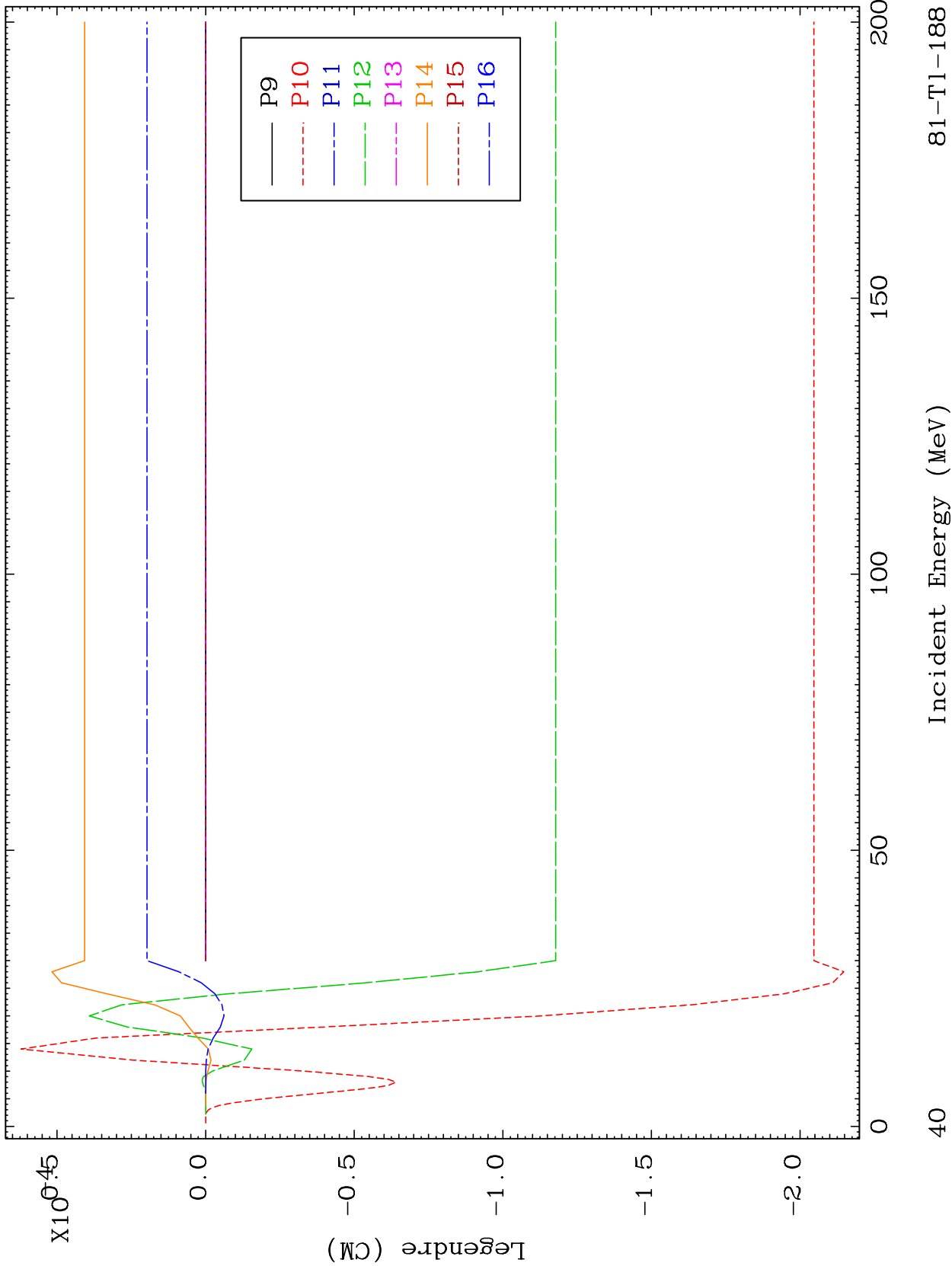
Incident Energy (MeV)

81-T1-188

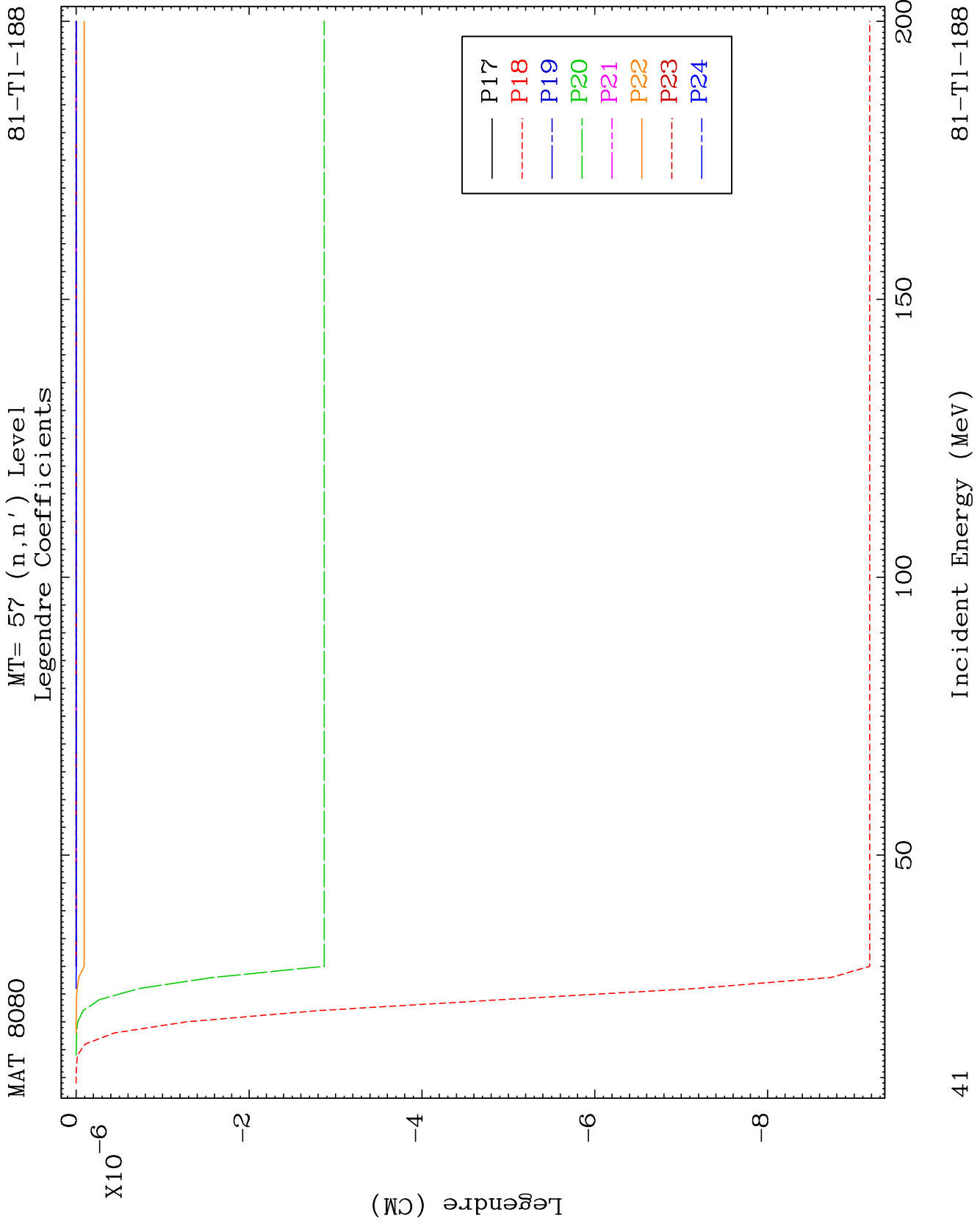
MAT 8080

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

81-Tl-188



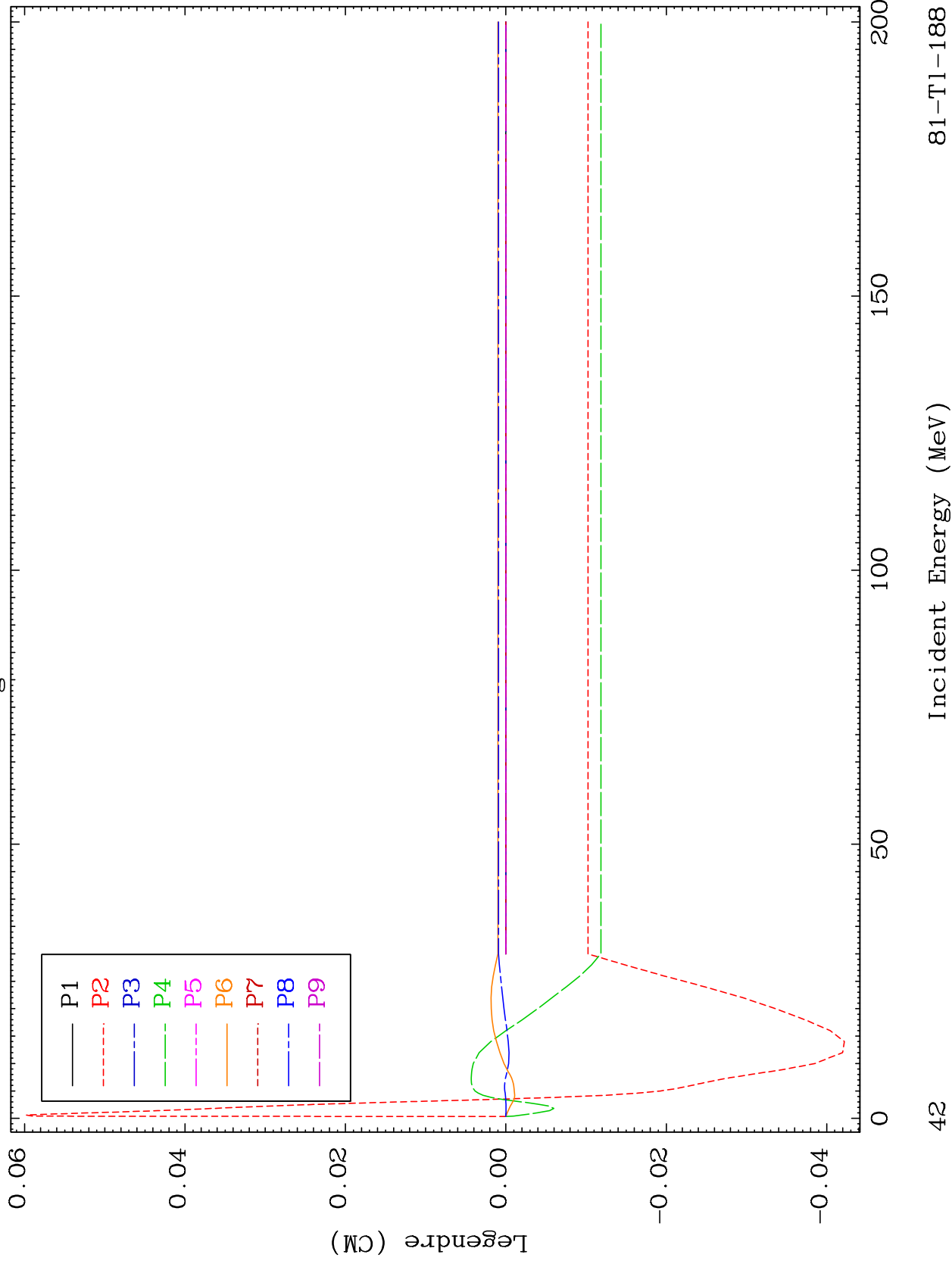
81-Tl-188



MAT 8080

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

81-Tl-188

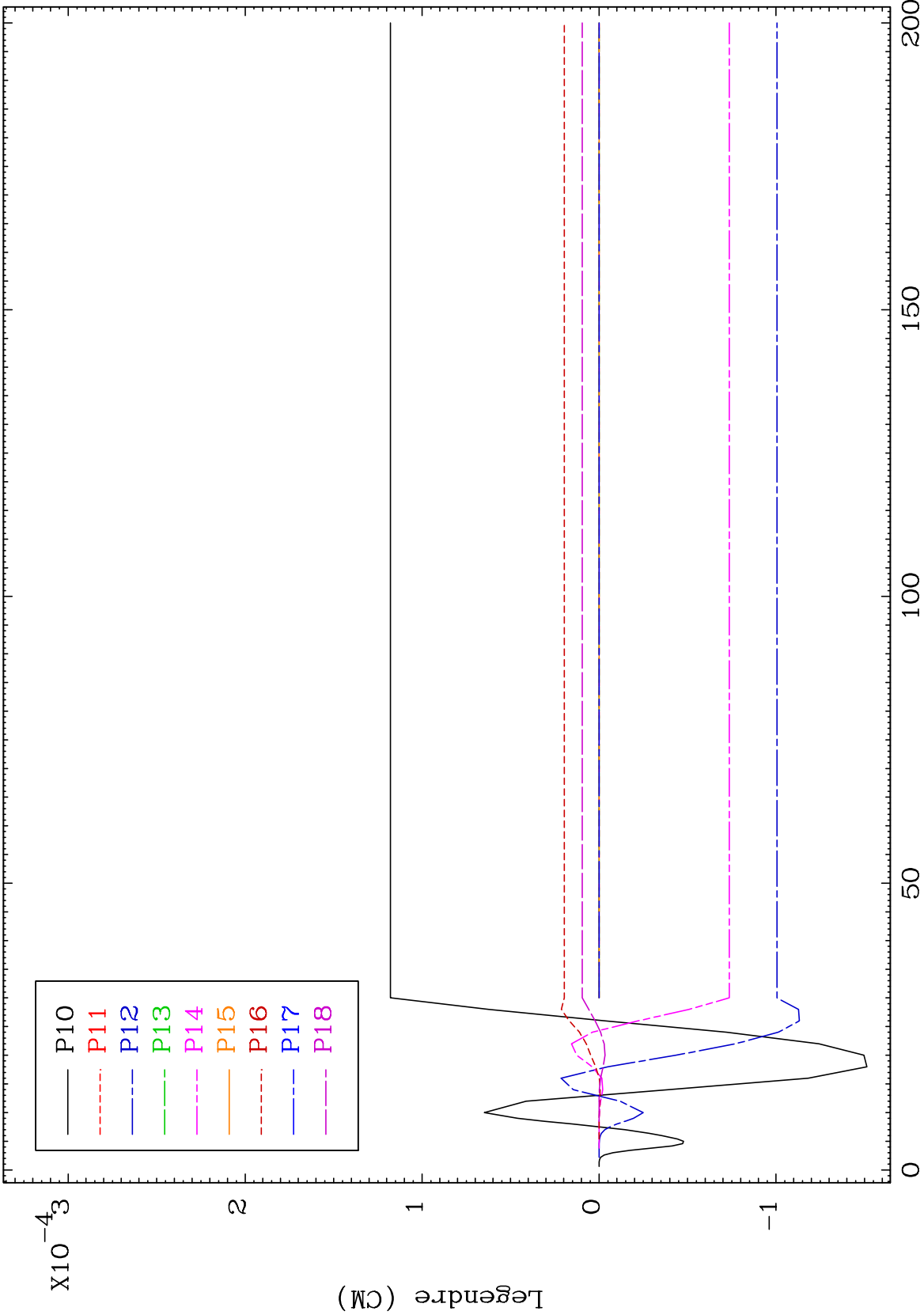
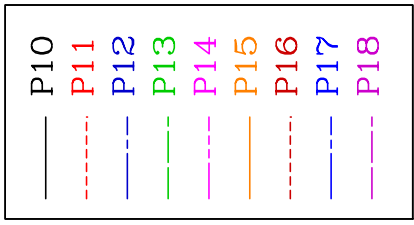


42

MAT 8080

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

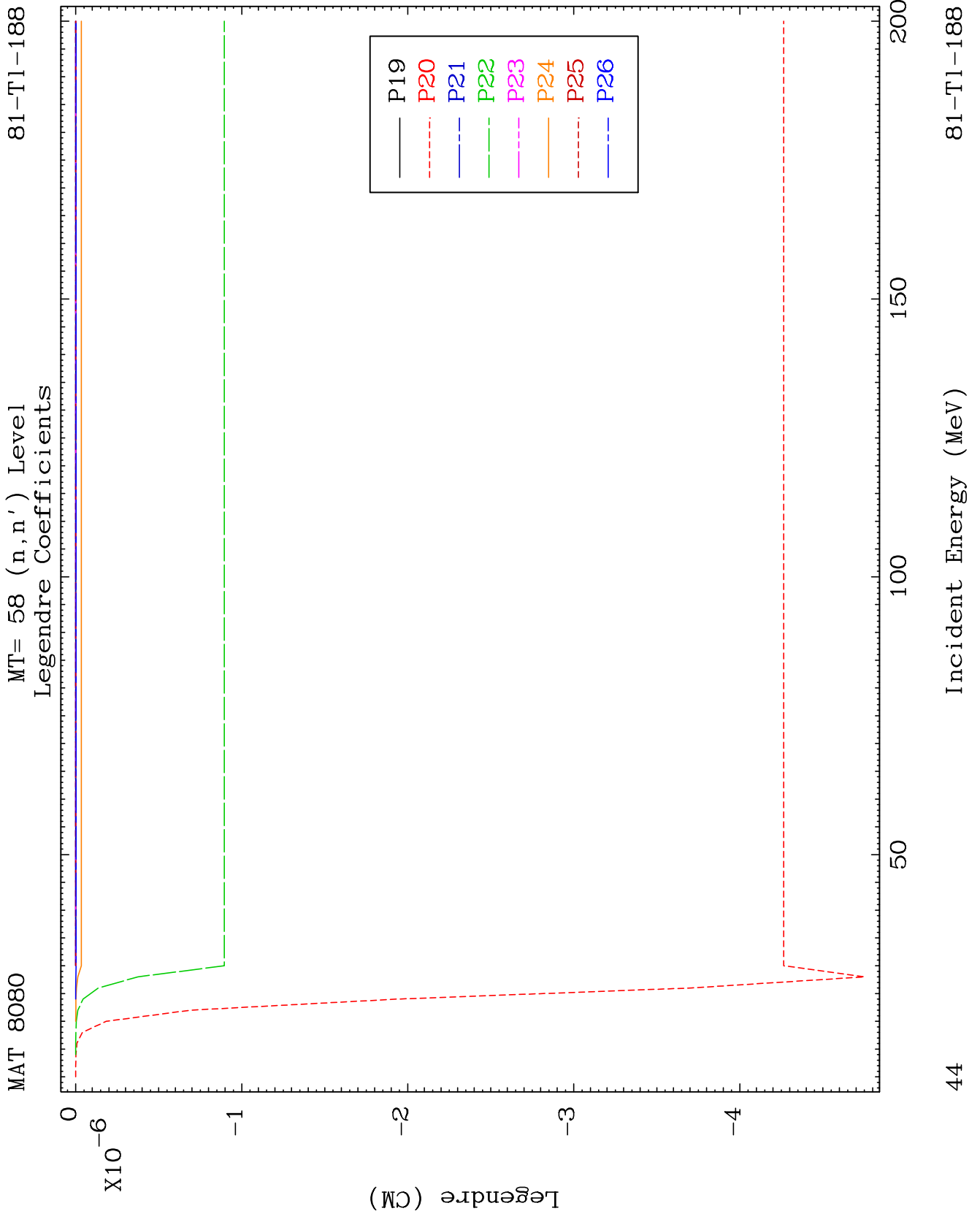
81-Tl-188



43

Incident Energy (MeV)

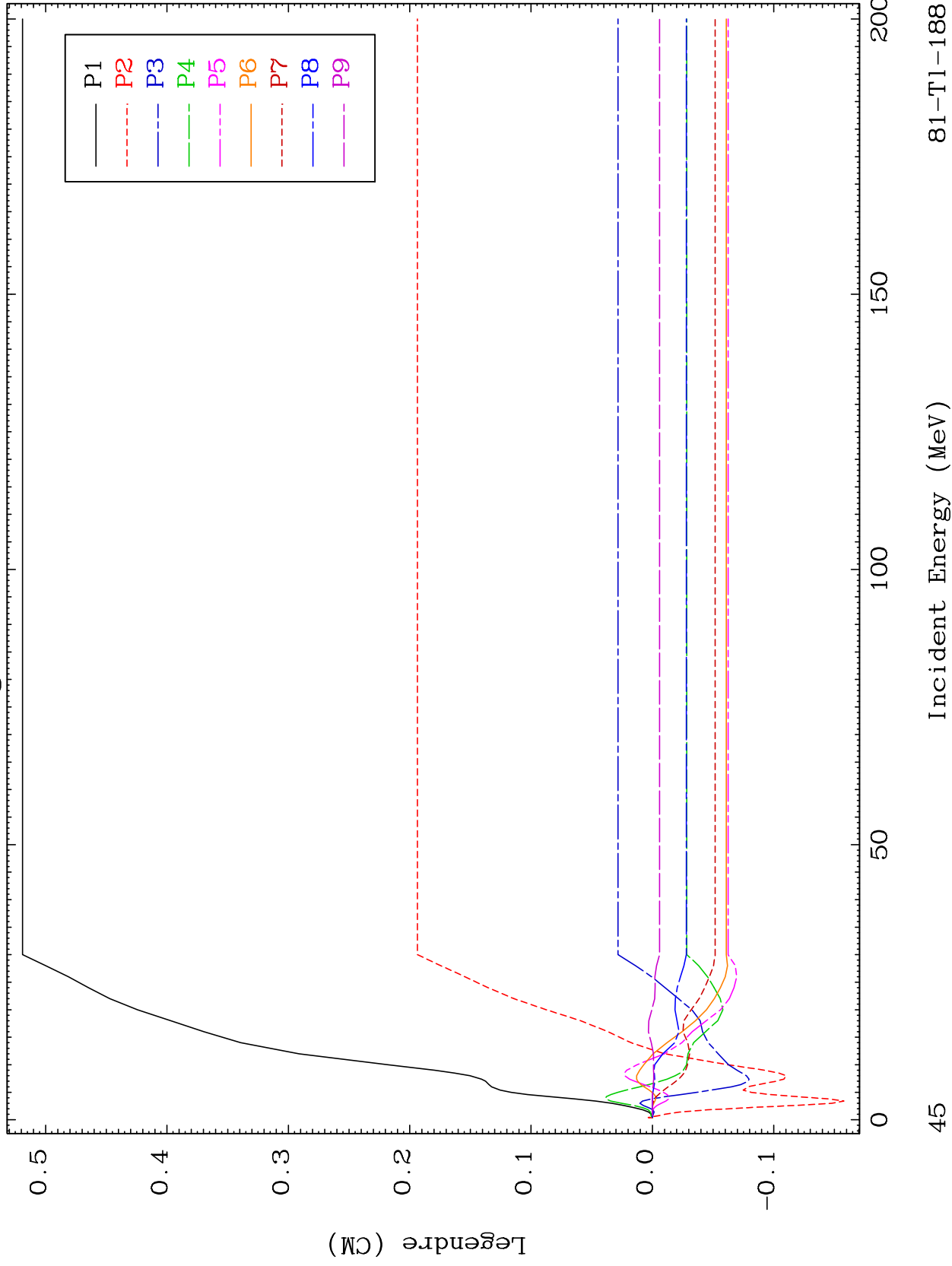
81-Tl-188



MAT 8080

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

81-Tl-188



81-Tl-188

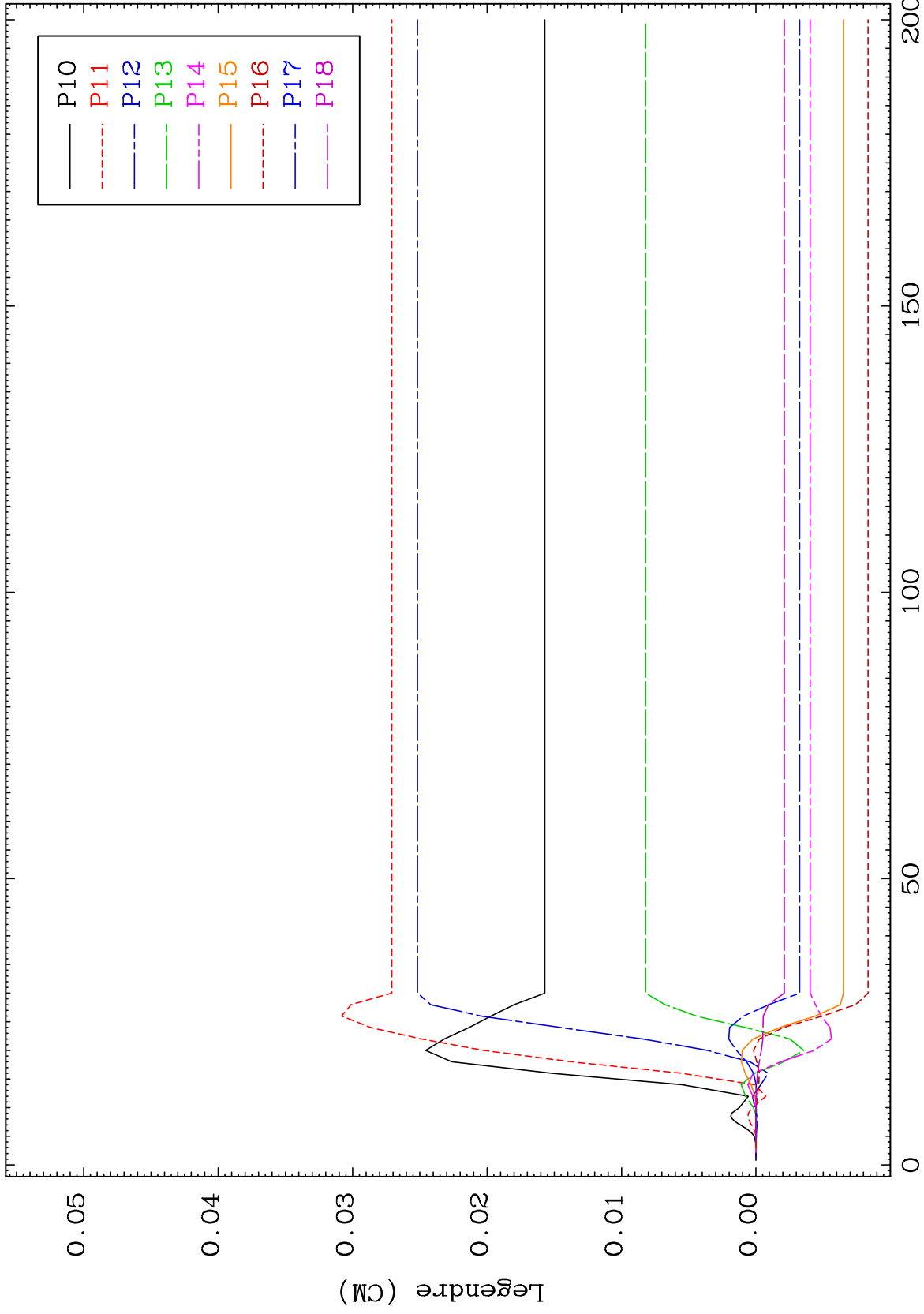
Incident Energy (MeV)

45

MAT 8080

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

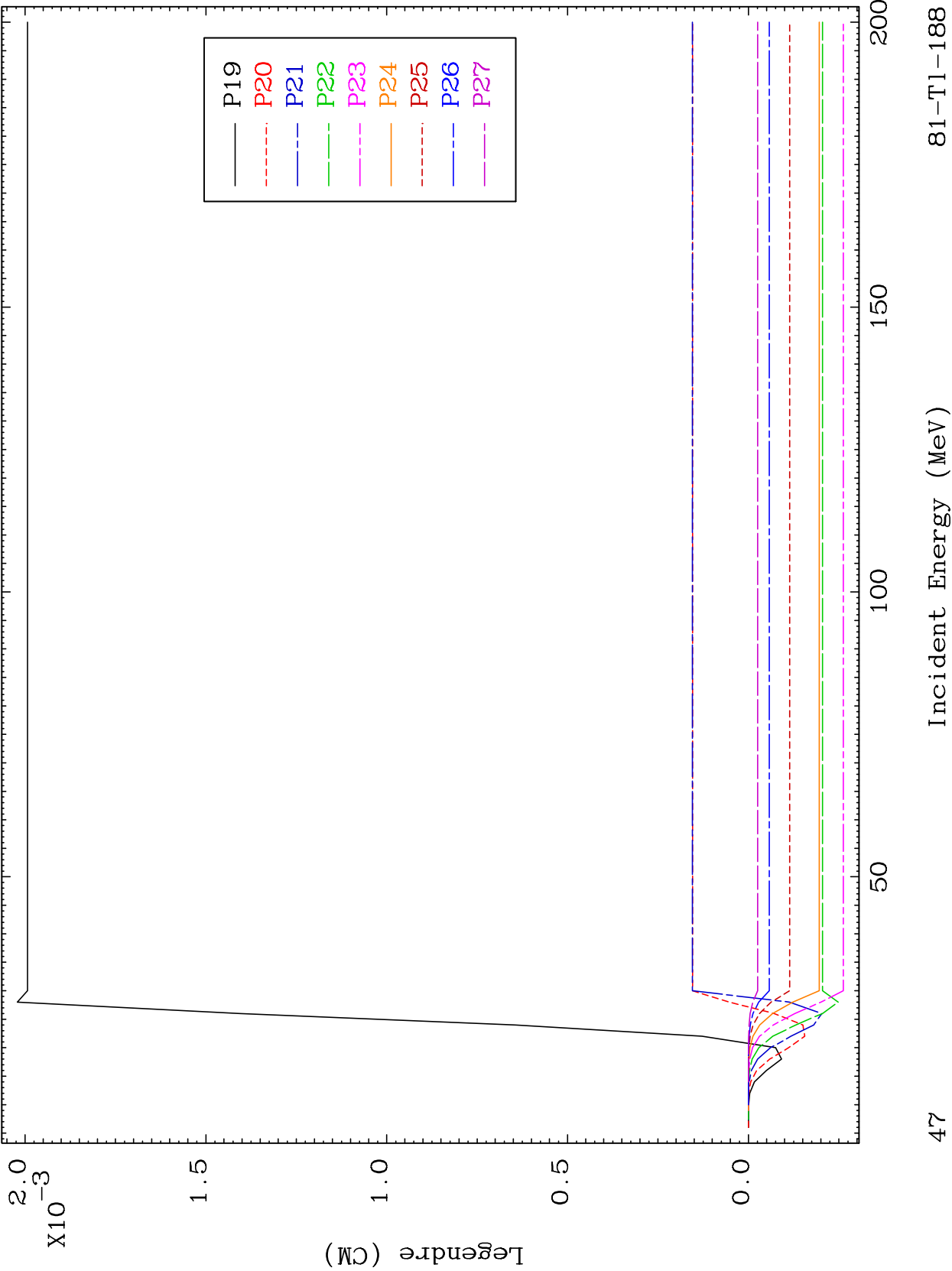
81-Tl-188

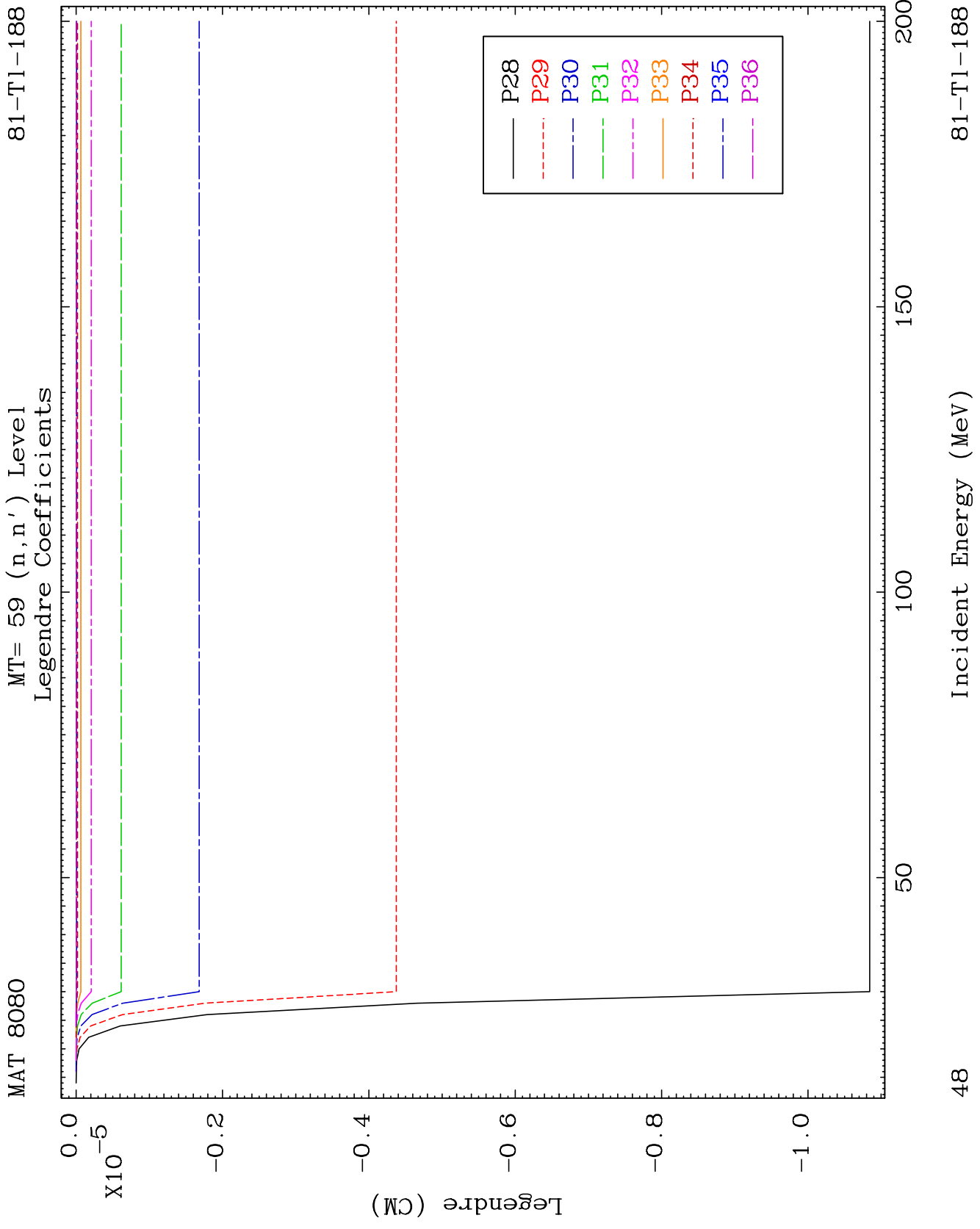


46

Incident Energy (MeV)

81-Tl-188

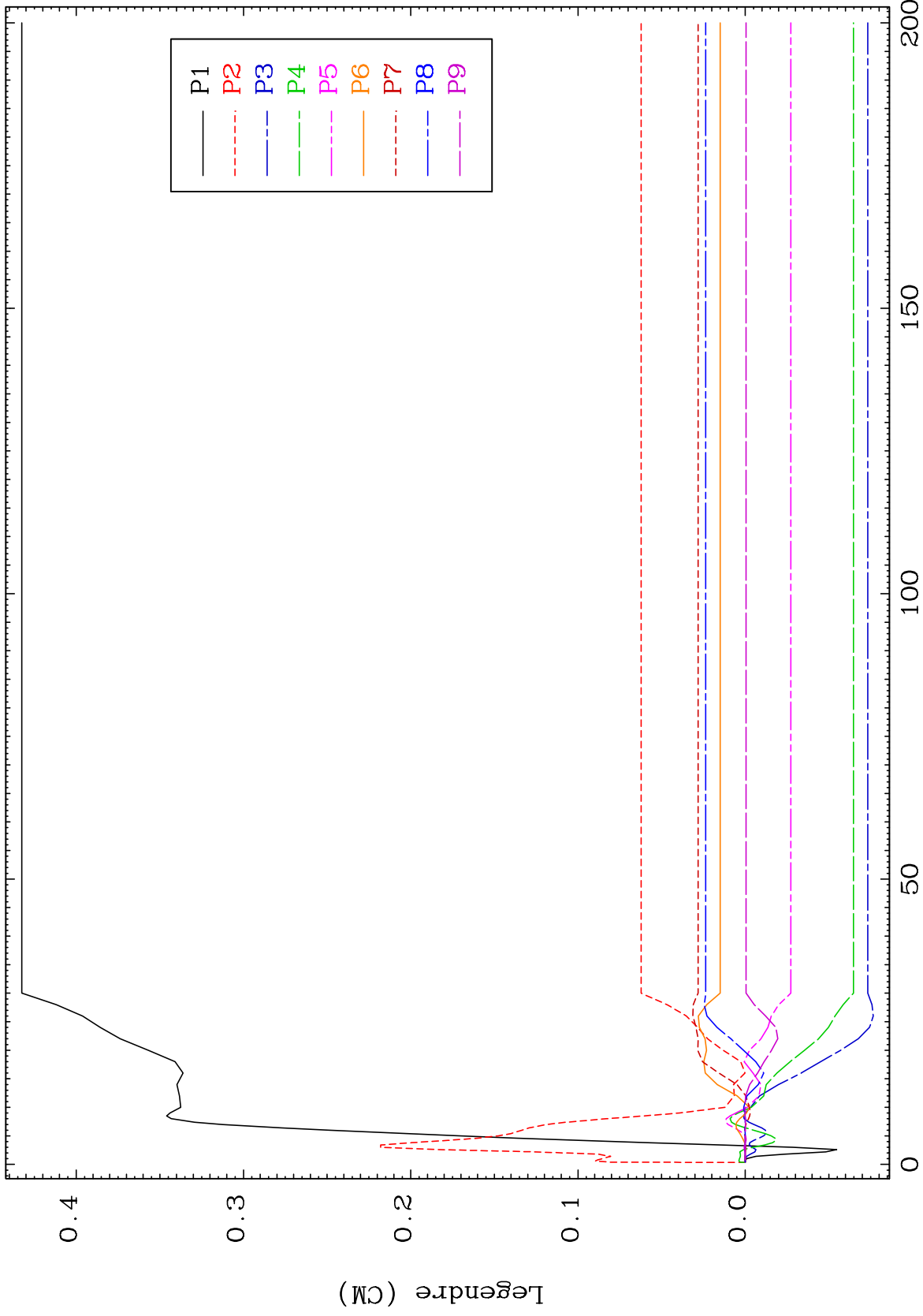




MAT 8080

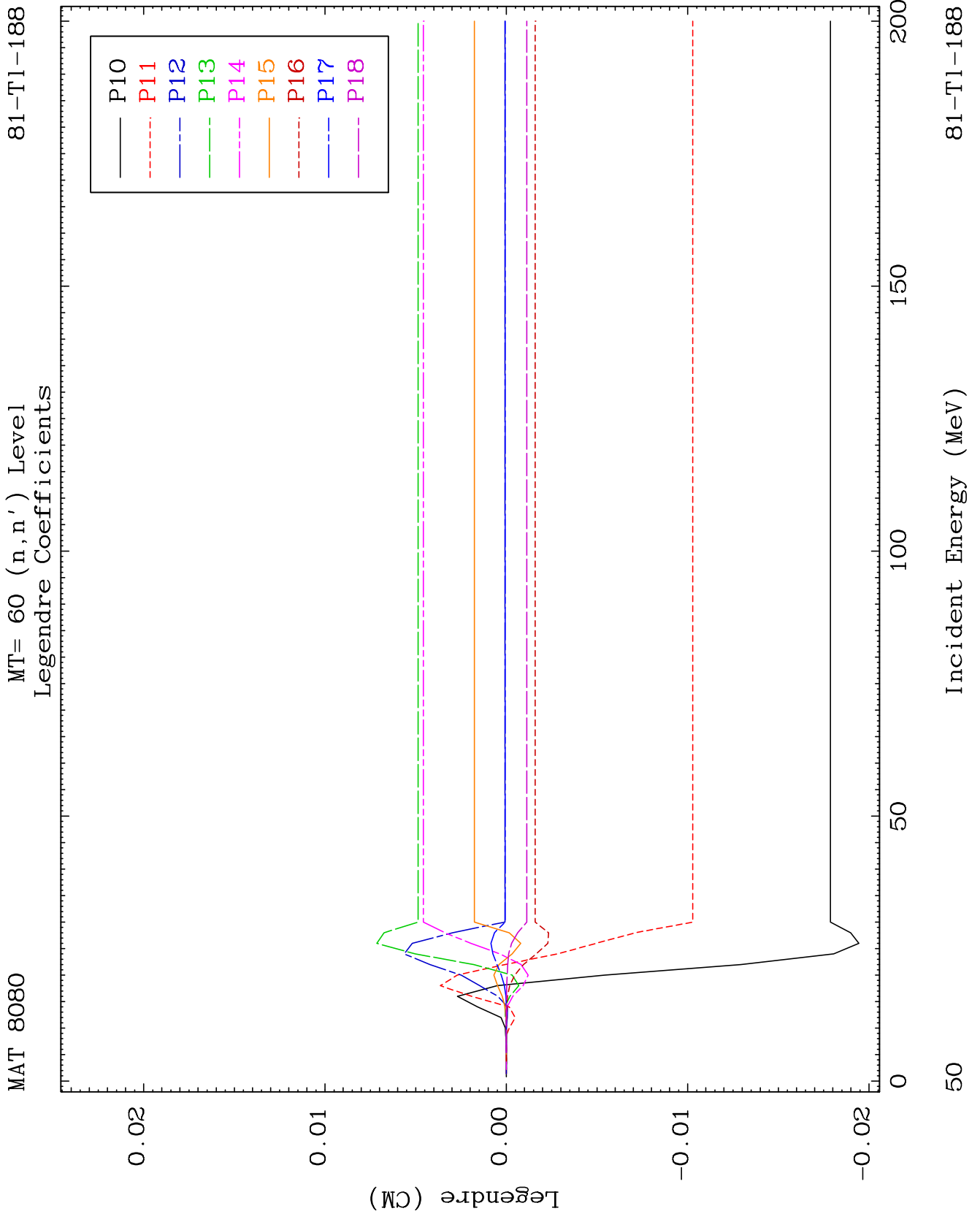
MT= 60 (n,n') Level
Legendre Coefficients

81-Tl-188



49

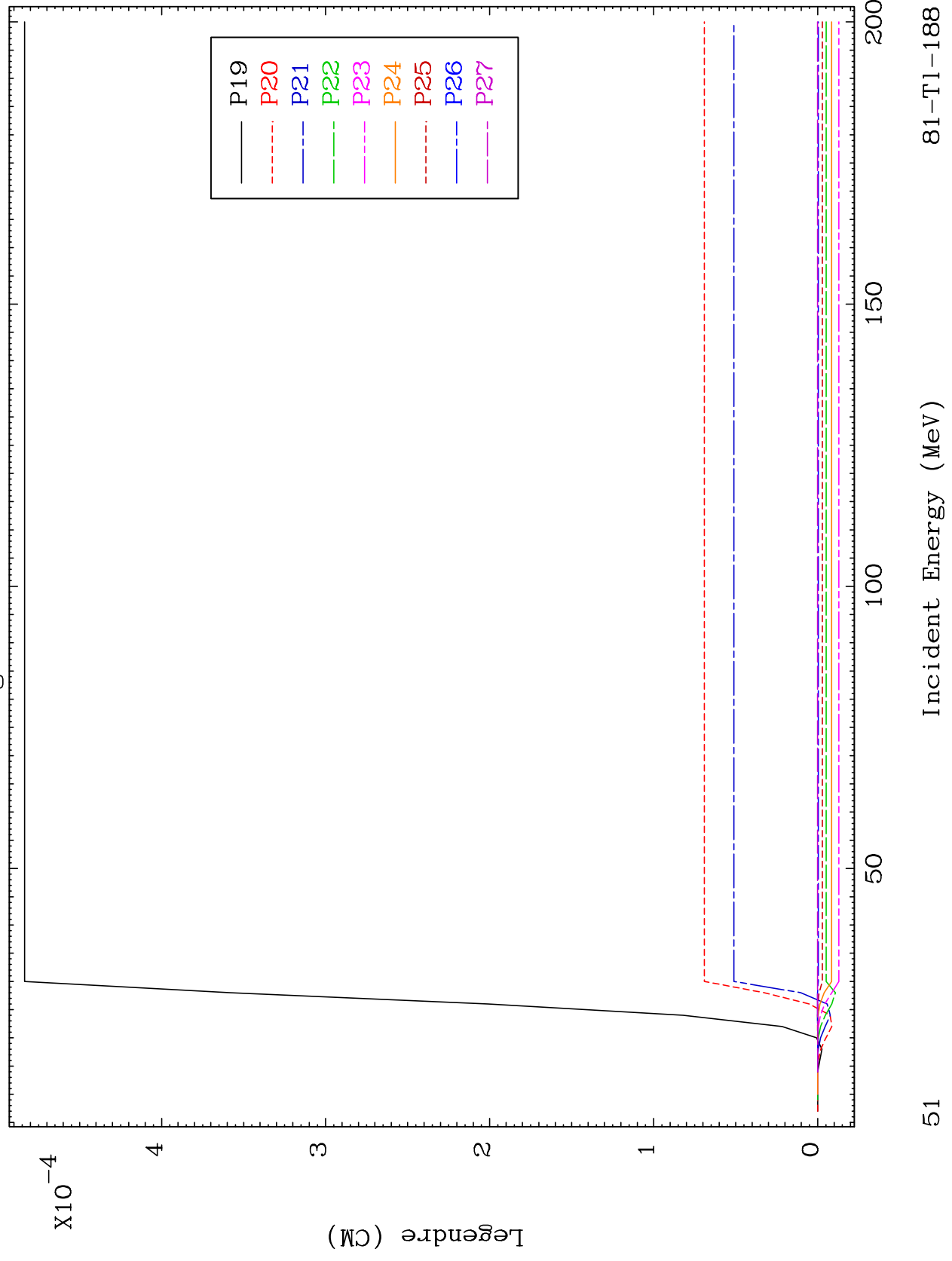
81-Tl-188



MAT 8080

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

81-Tl-188



51

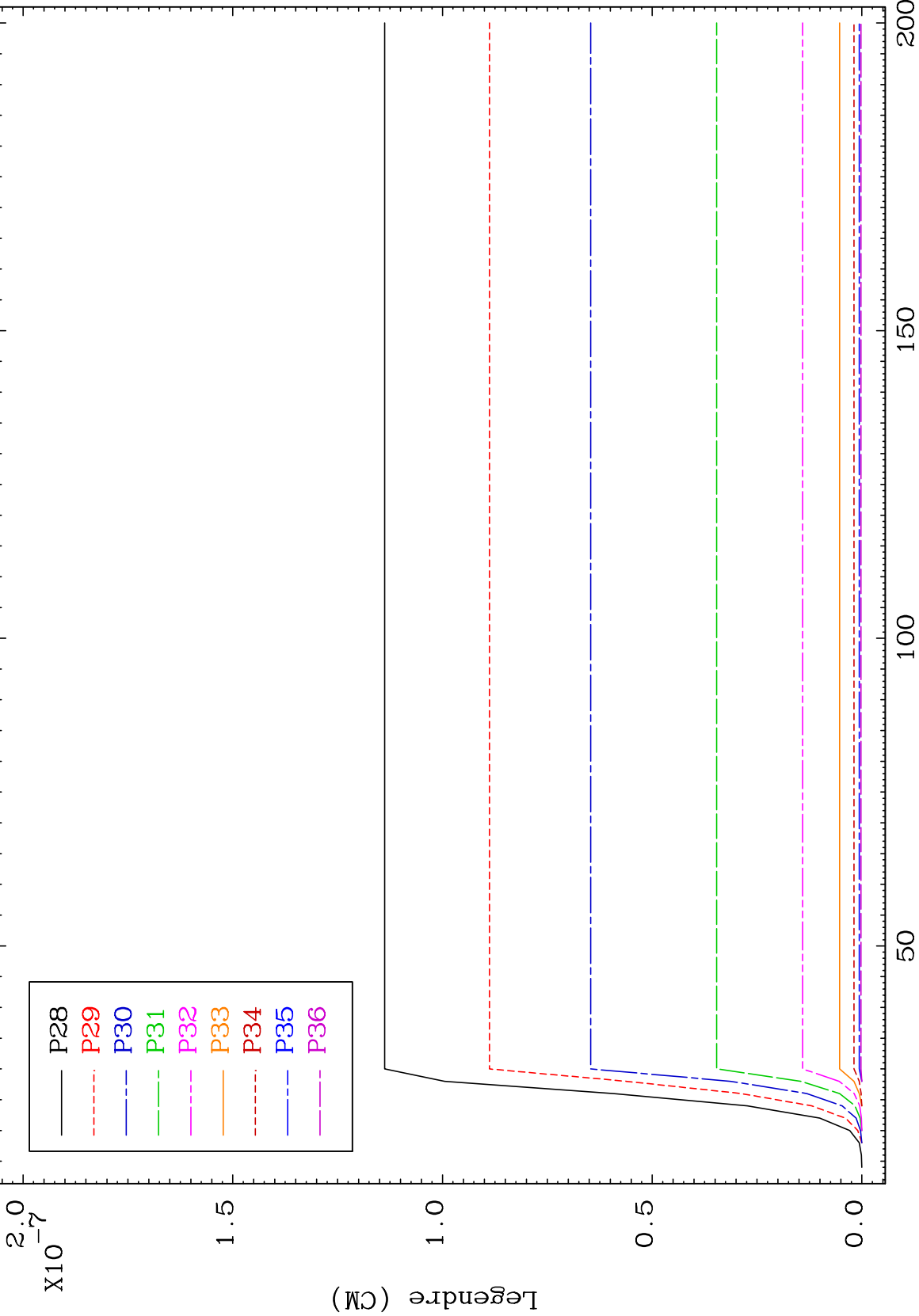
Incident Energy (MeV)

81-Tl-188

MAT 8080

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

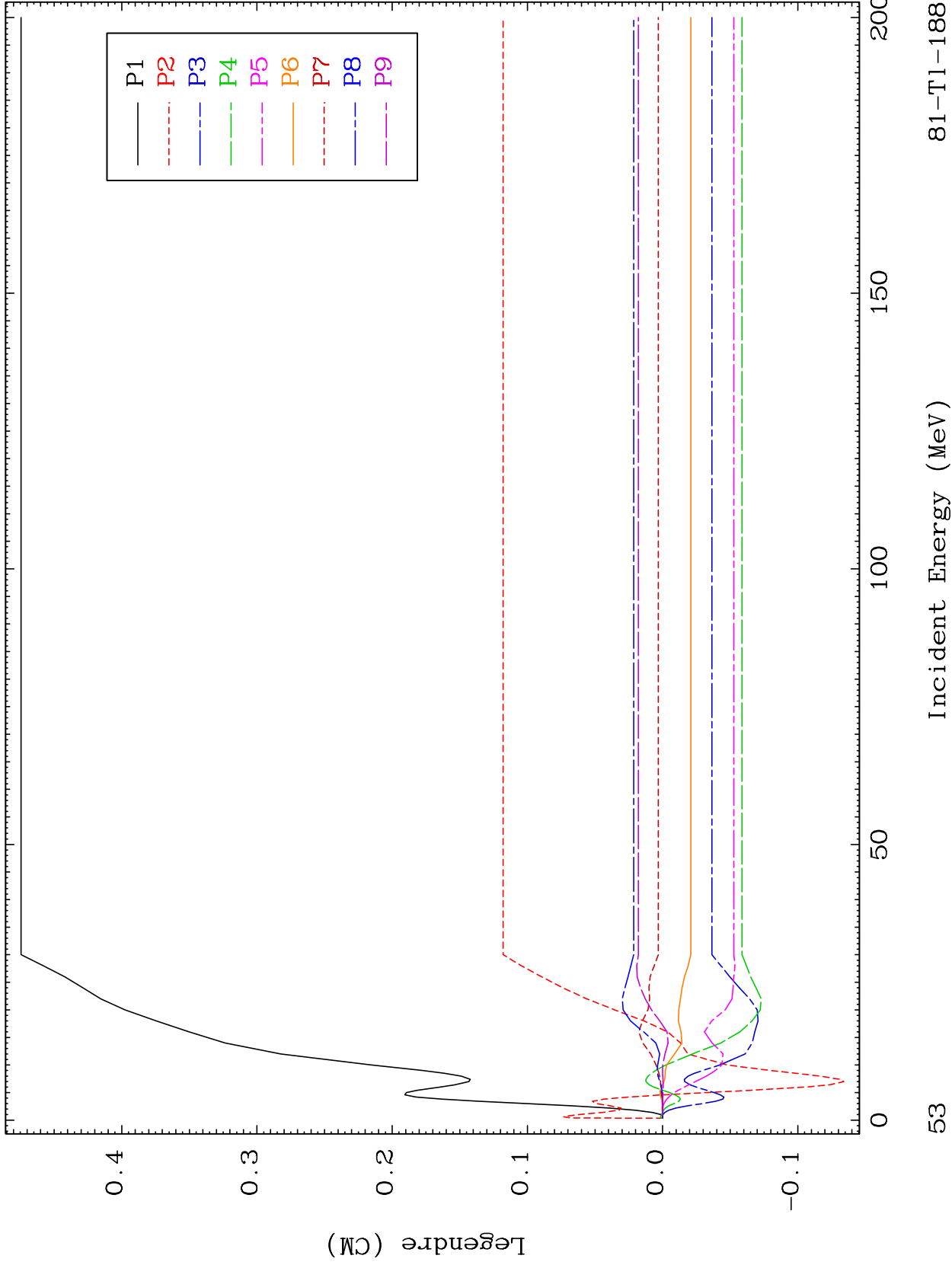
81-Tl-188



52

Incident Energy (MeV)

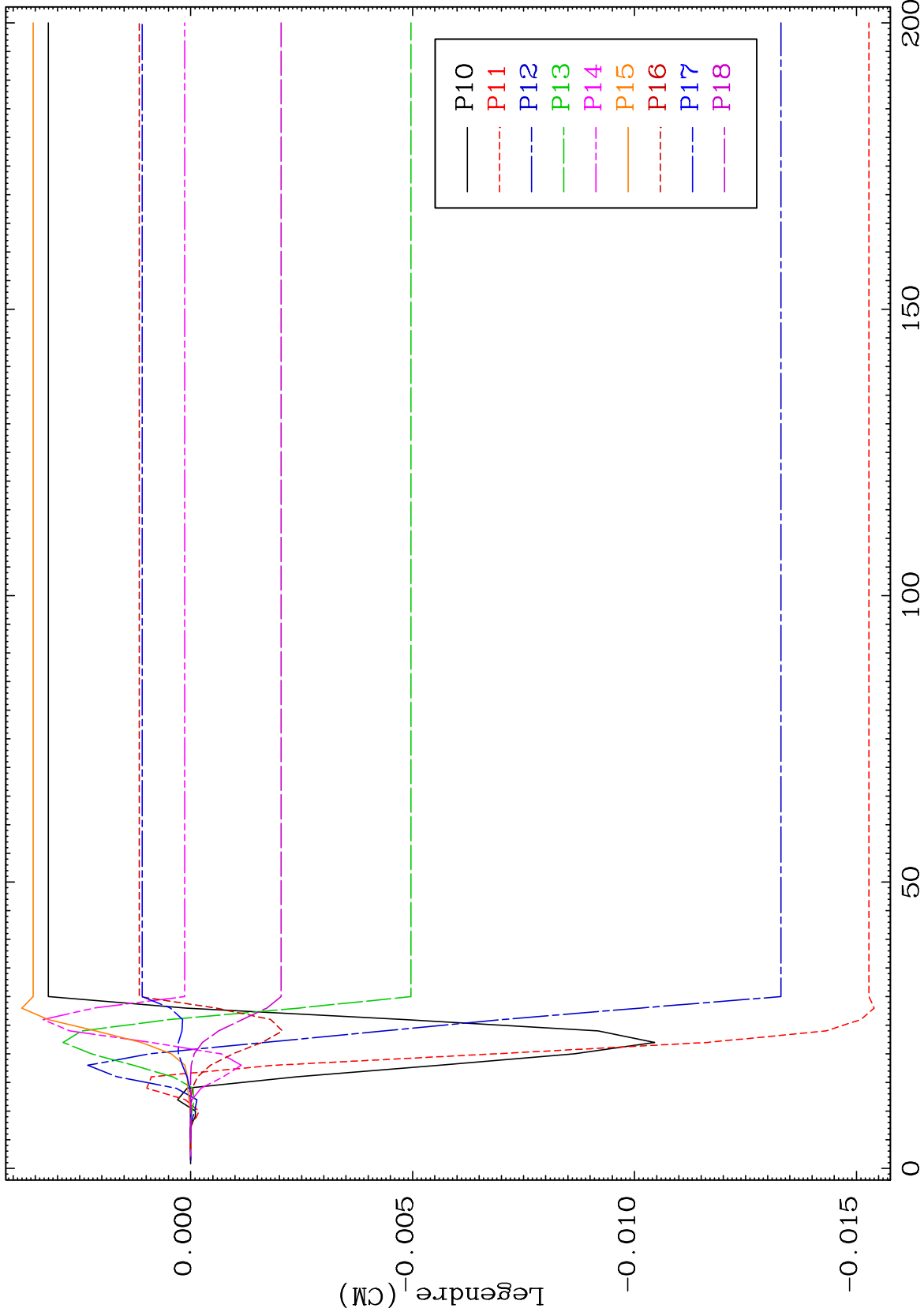
81-Tl-188



MAT 8080

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

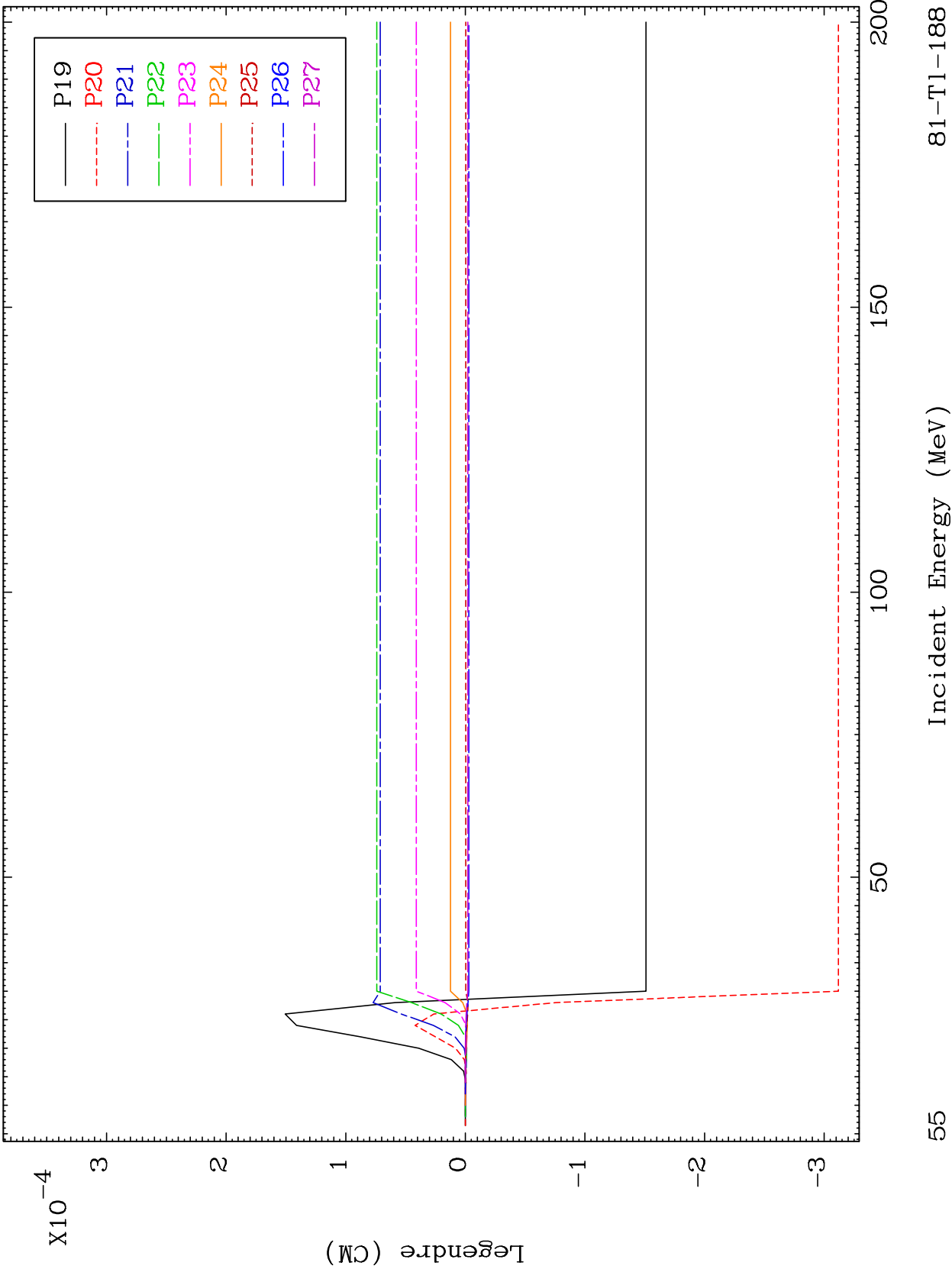
81-Tl-188

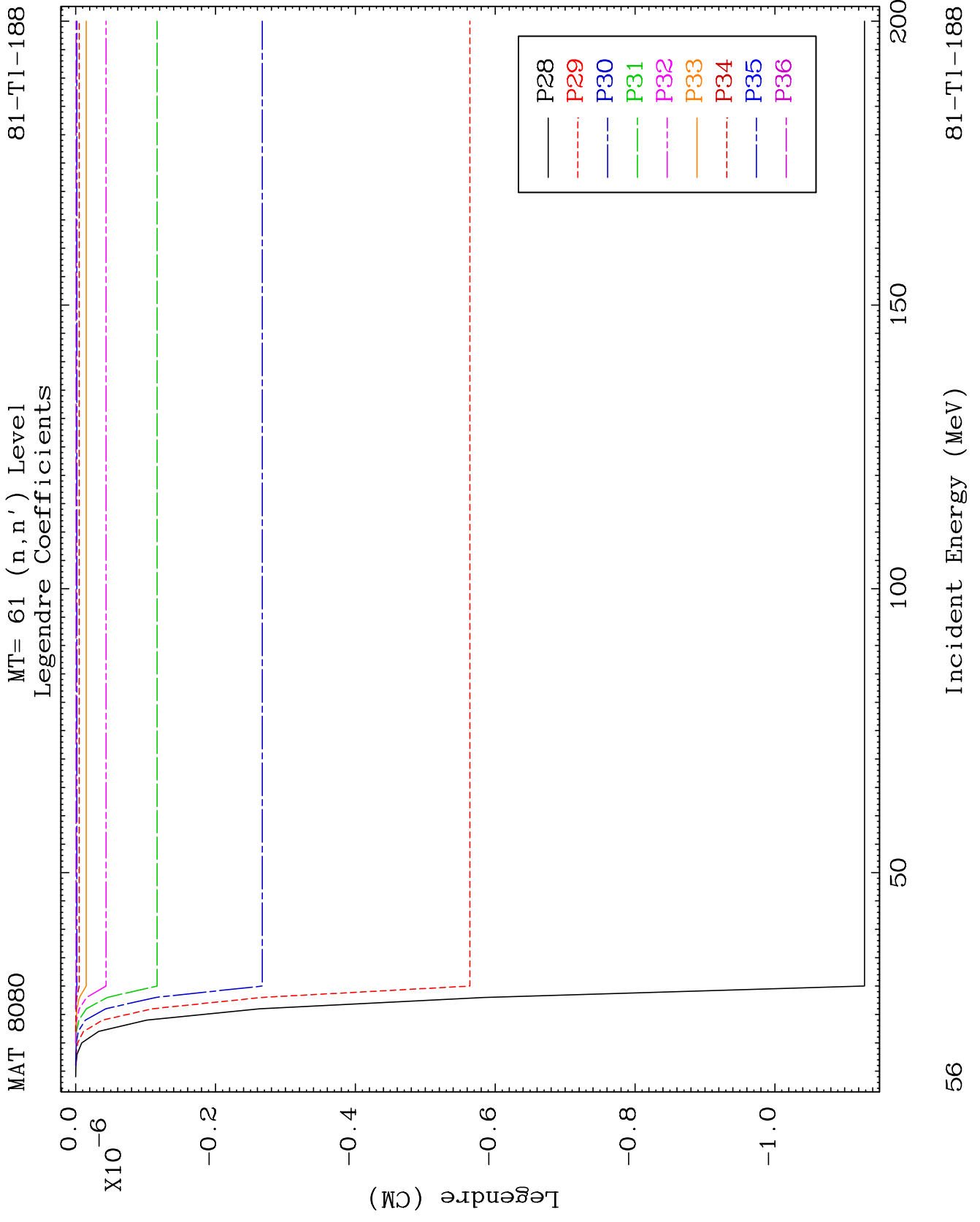


54

Incident Energy (MeV)

81-Tl-188

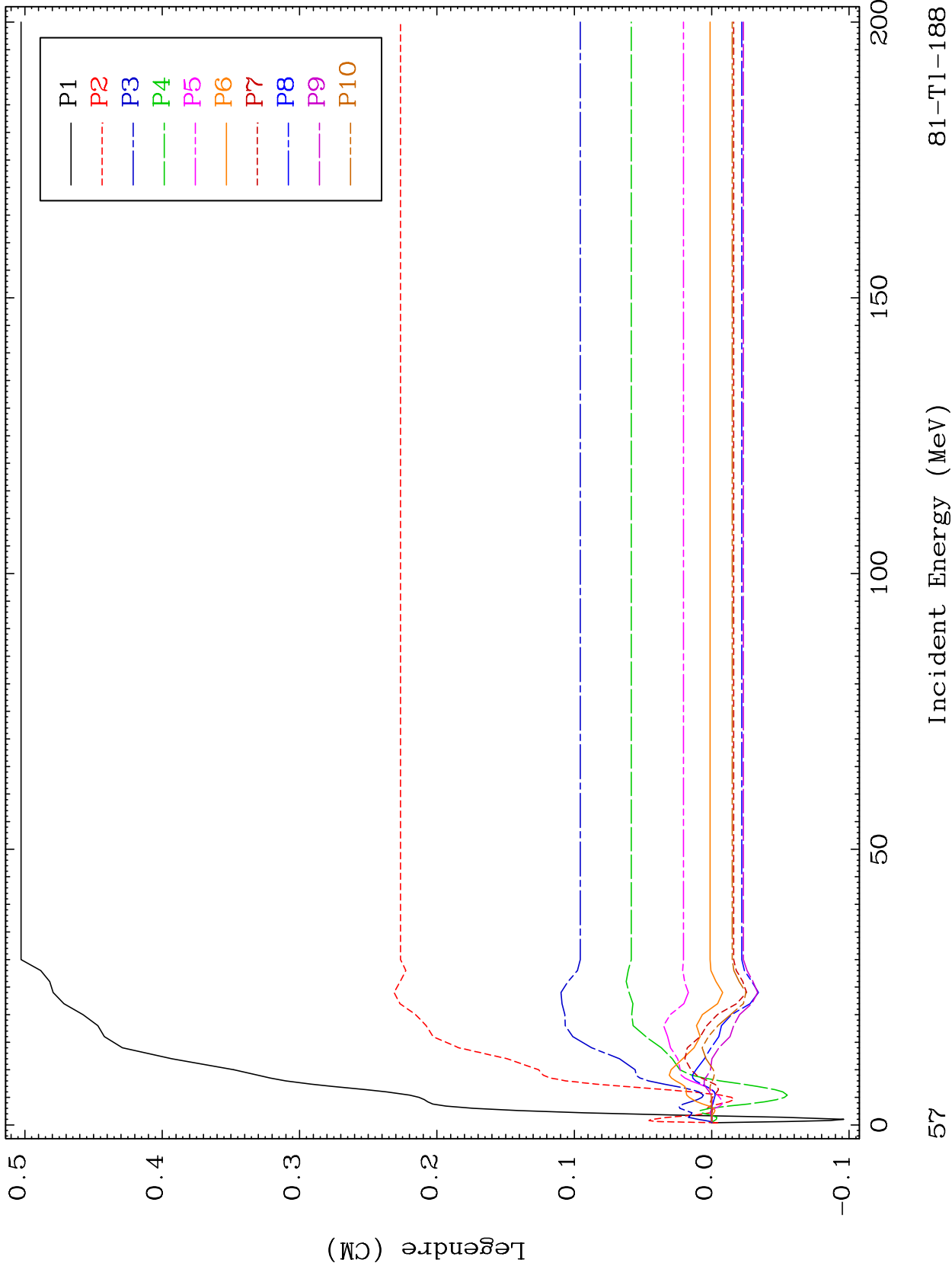




MAT 8080

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

81-Tl-188



57

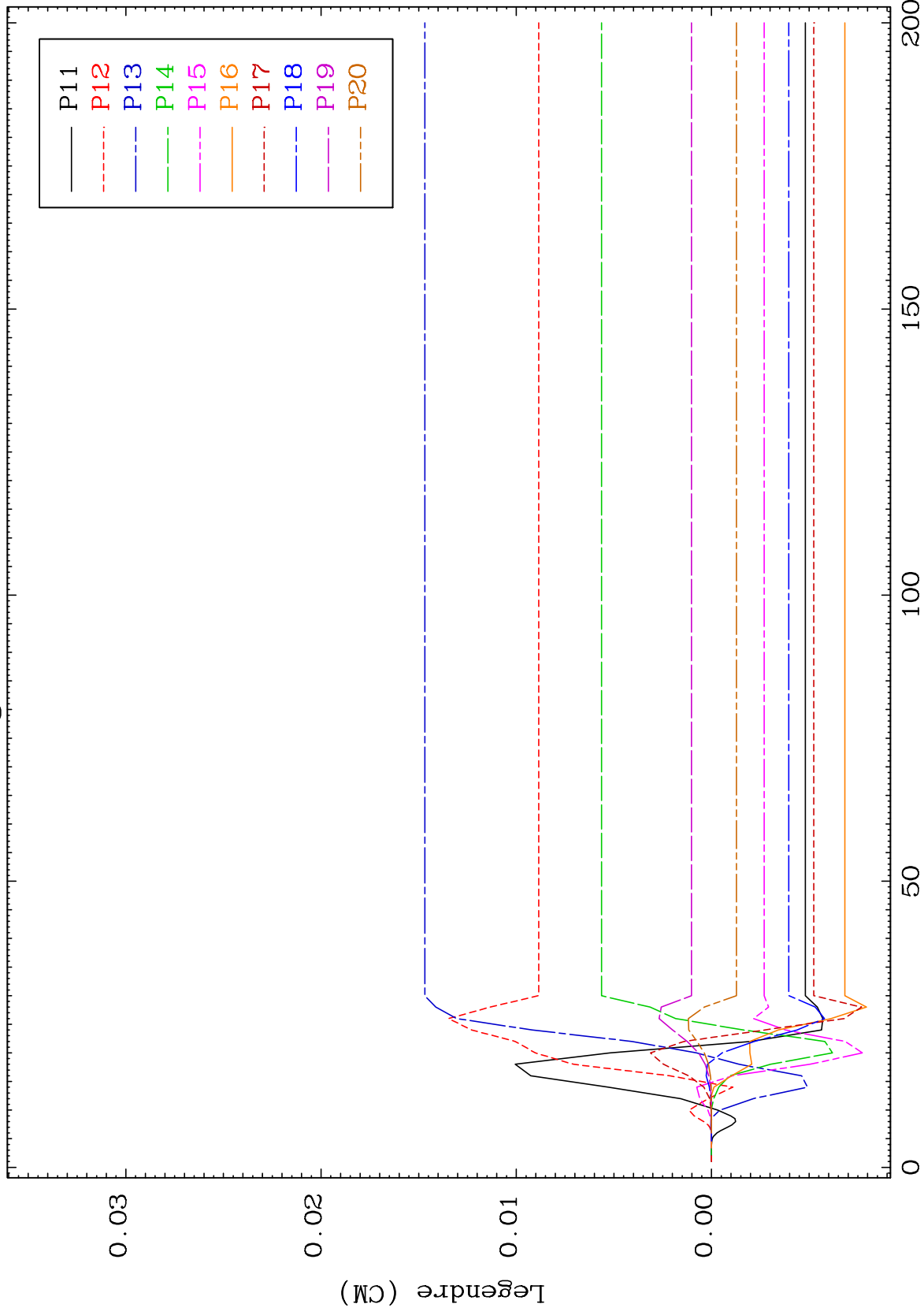
Incident Energy (MeV)

81-Tl-188

MAT 8080

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

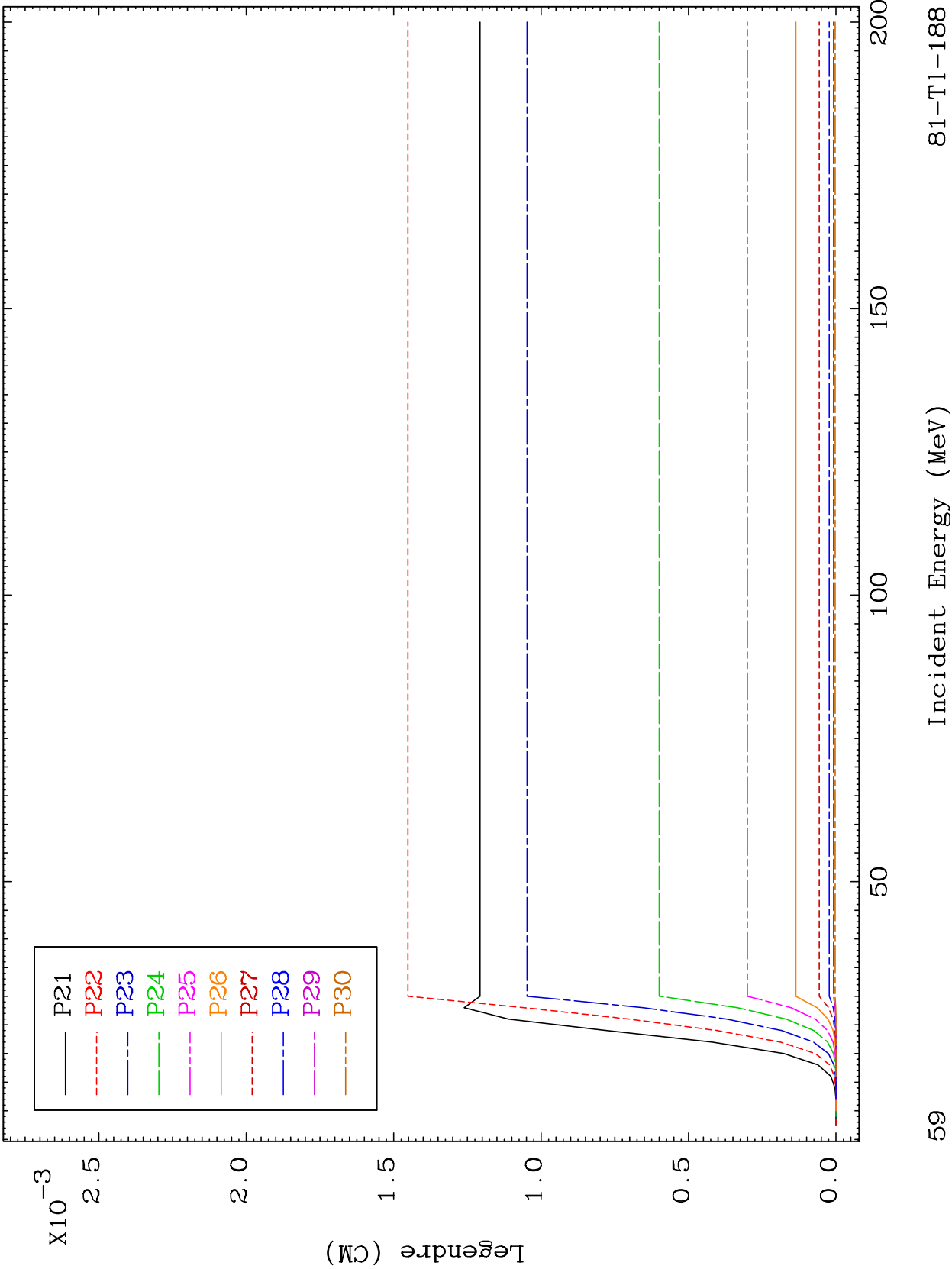
81-Tl-188



58

Incident Energy (MeV)

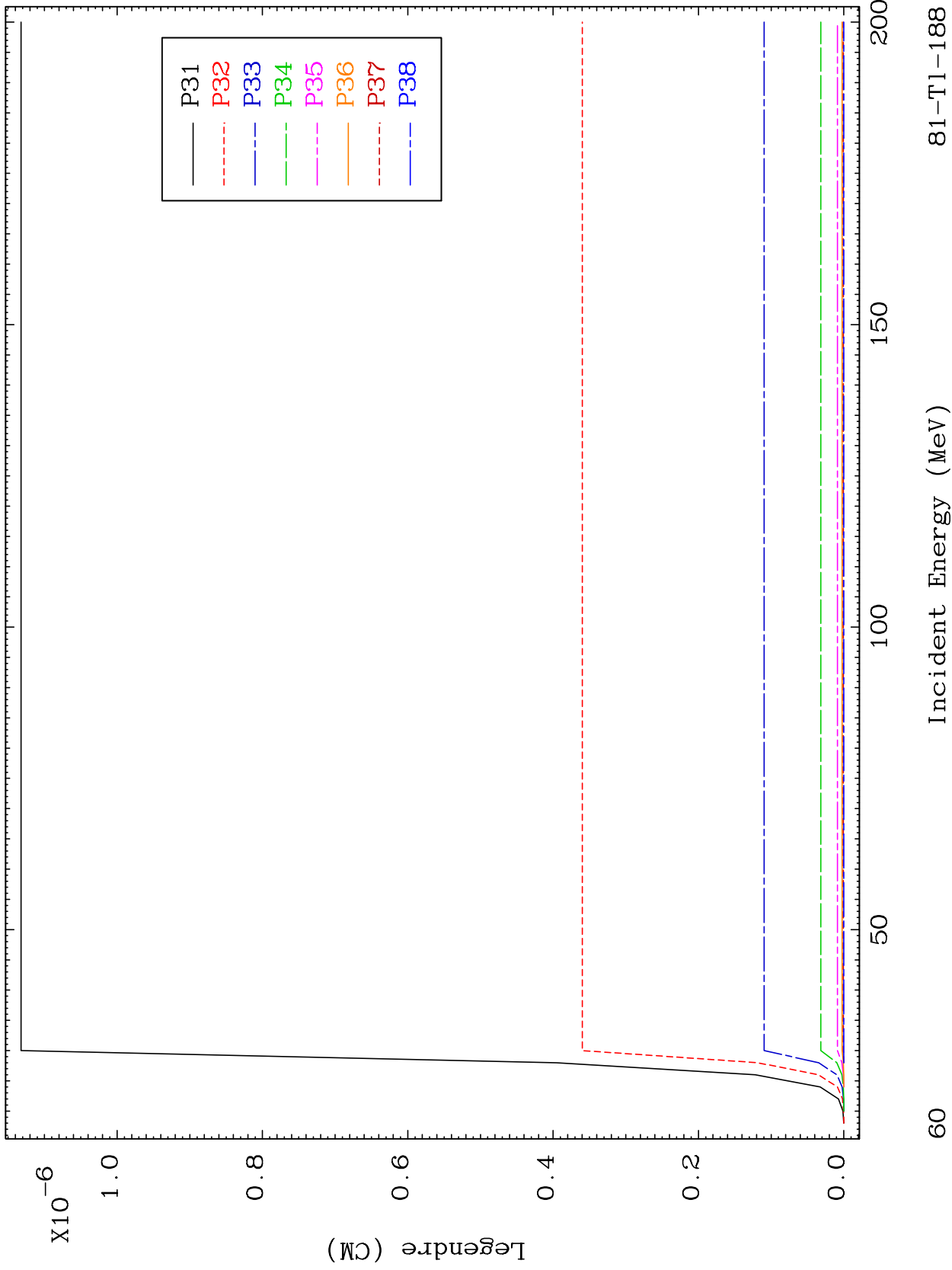
81-Tl-188



MAT 8080

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

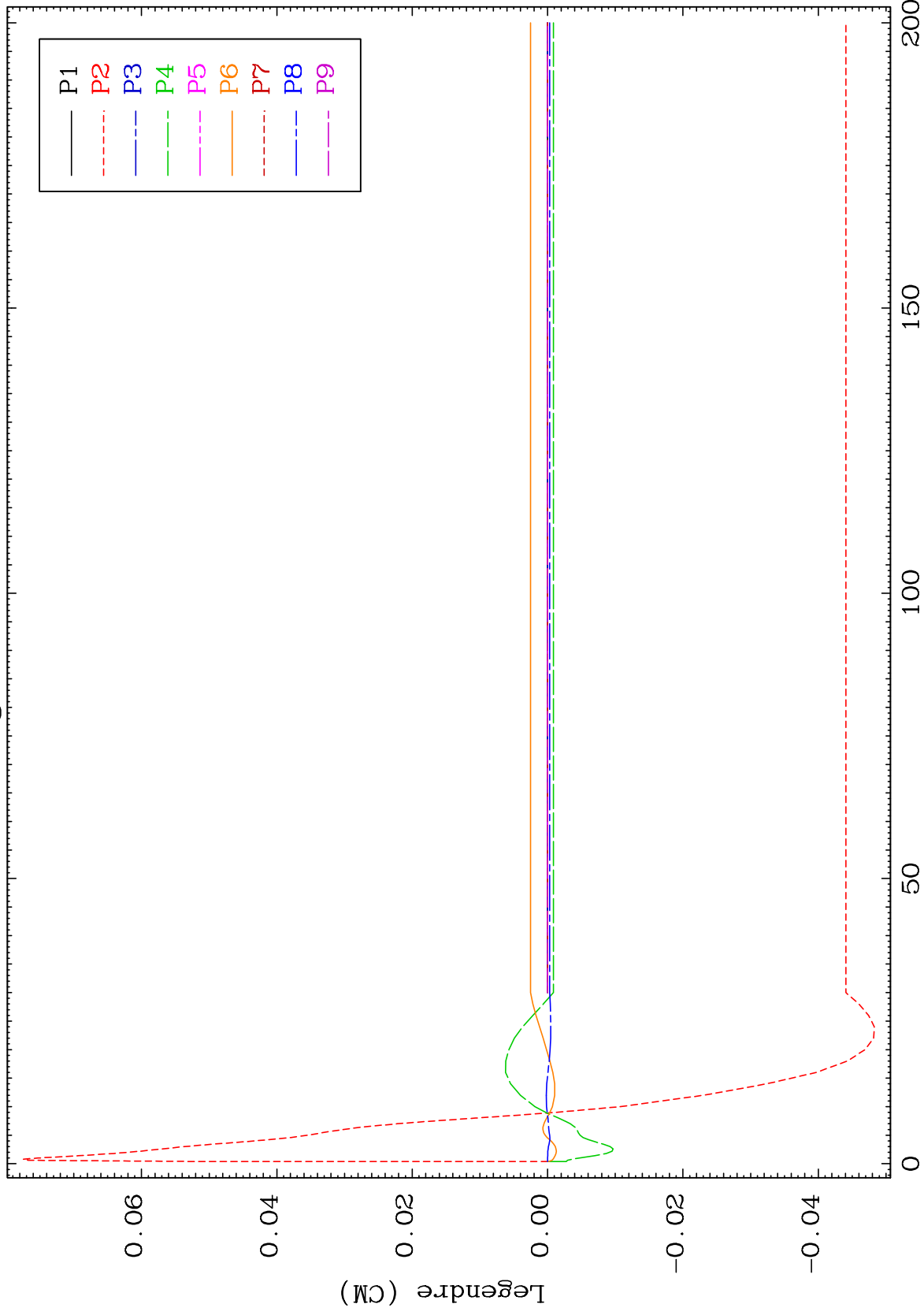
81-Tl-188



MAT 8080

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

81-Tl-188



61

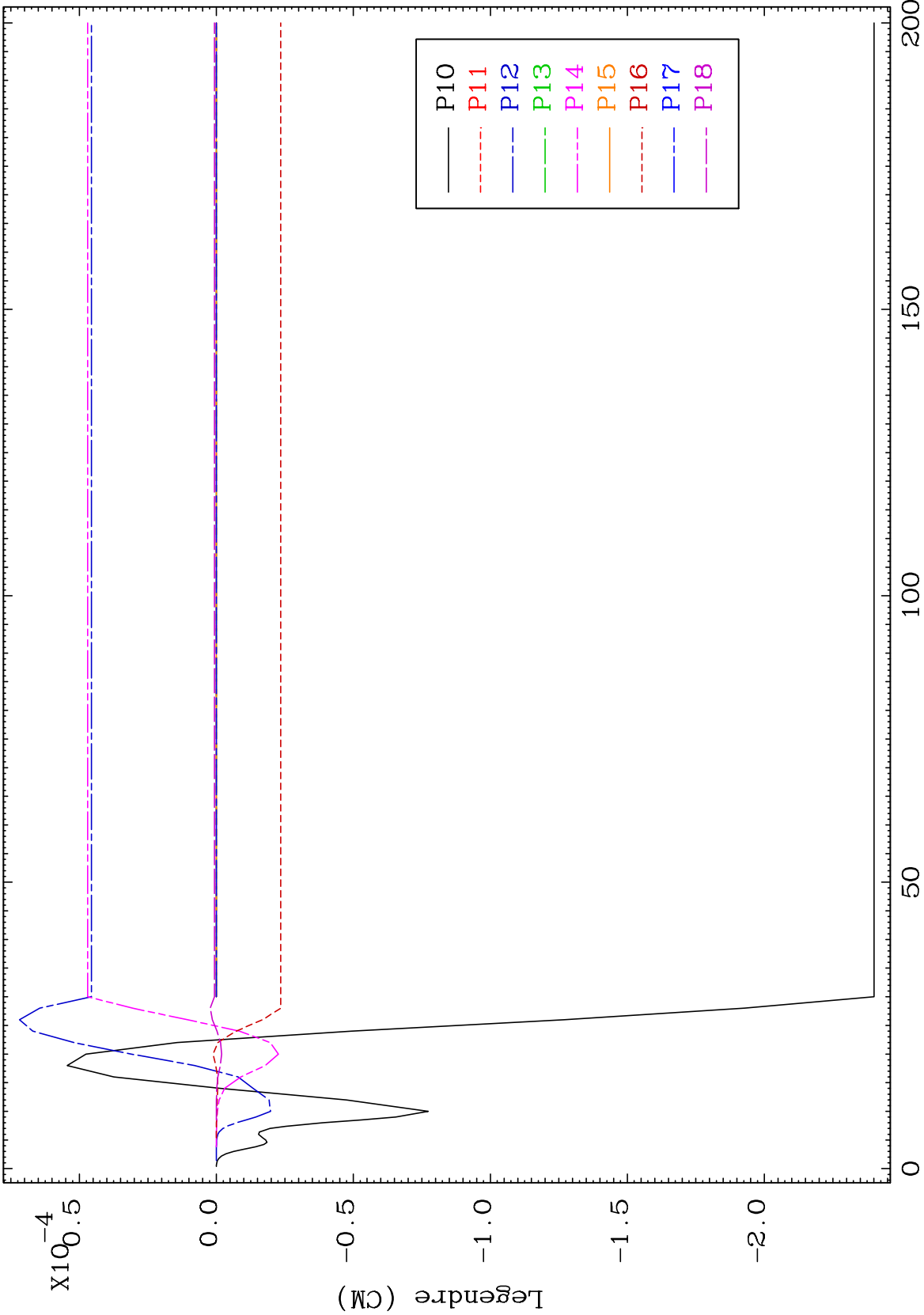
Incident Energy (MeV)

81-Tl-188

MAT 8080

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

81-Tl-188



62

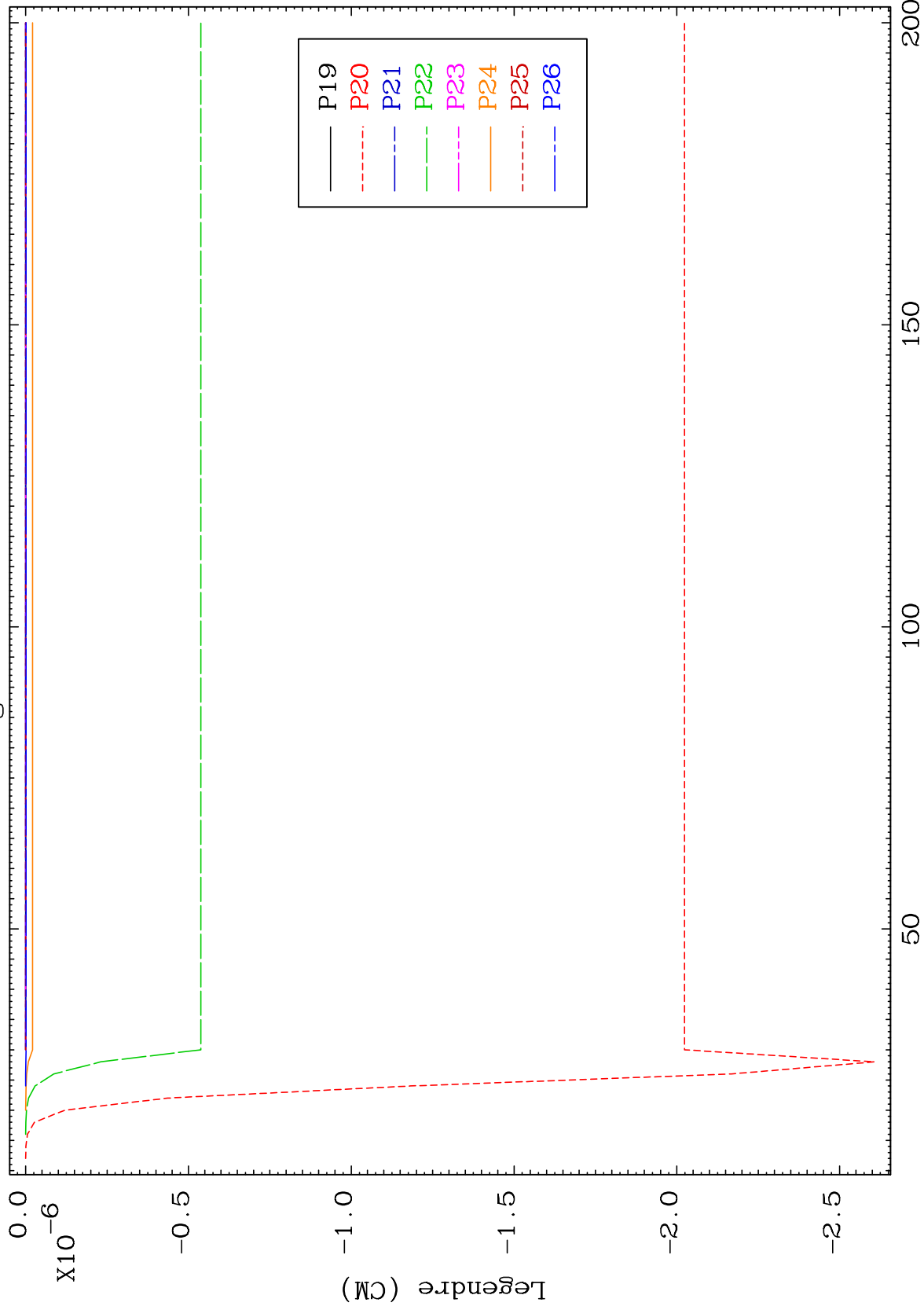
Incident Energy (MeV)

81-Tl-188

MAT 8080

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

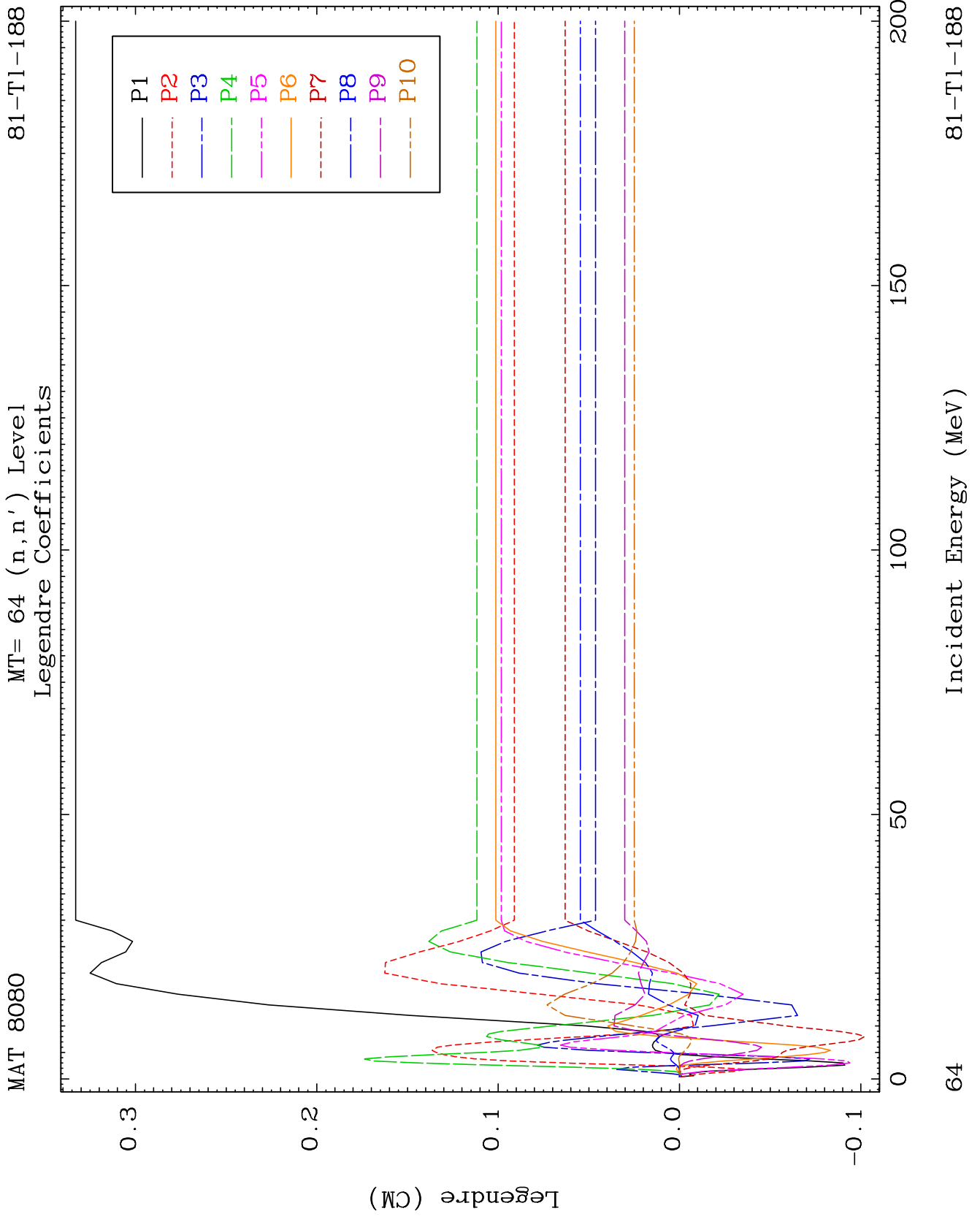
81-Tl-188



81-Tl-188

Incident Energy (MeV)

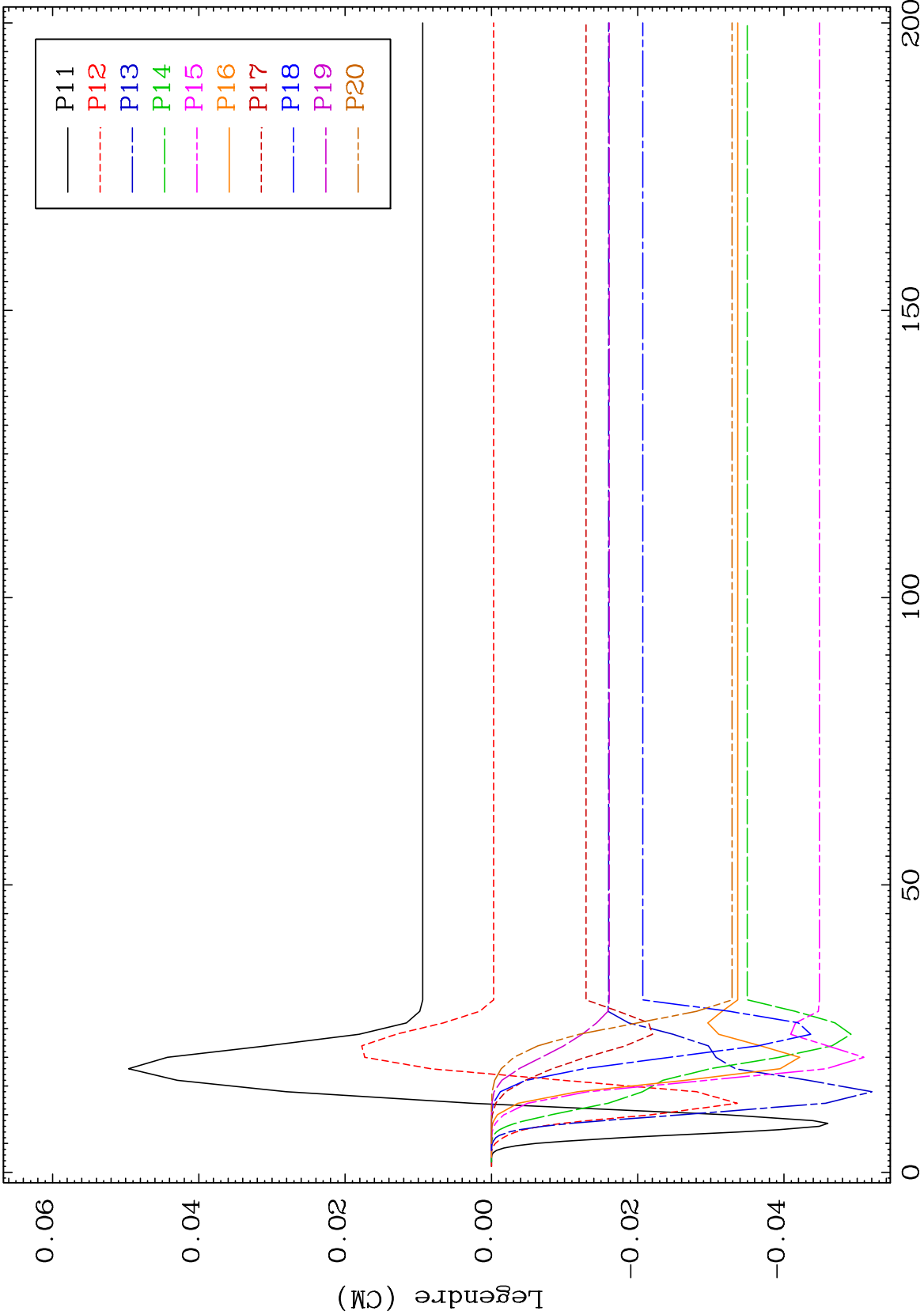
63



MAT 8080

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

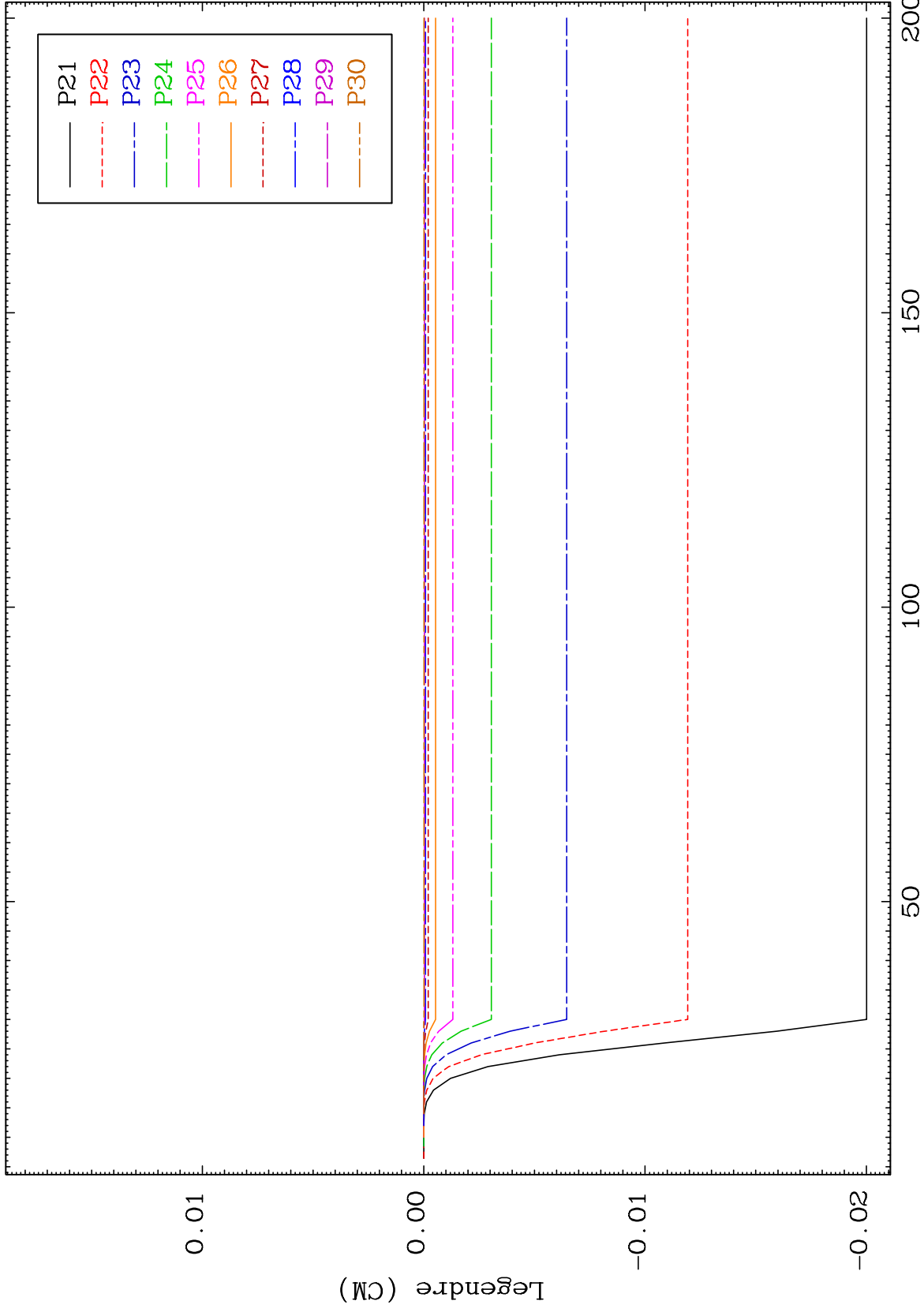
81-Tl-188

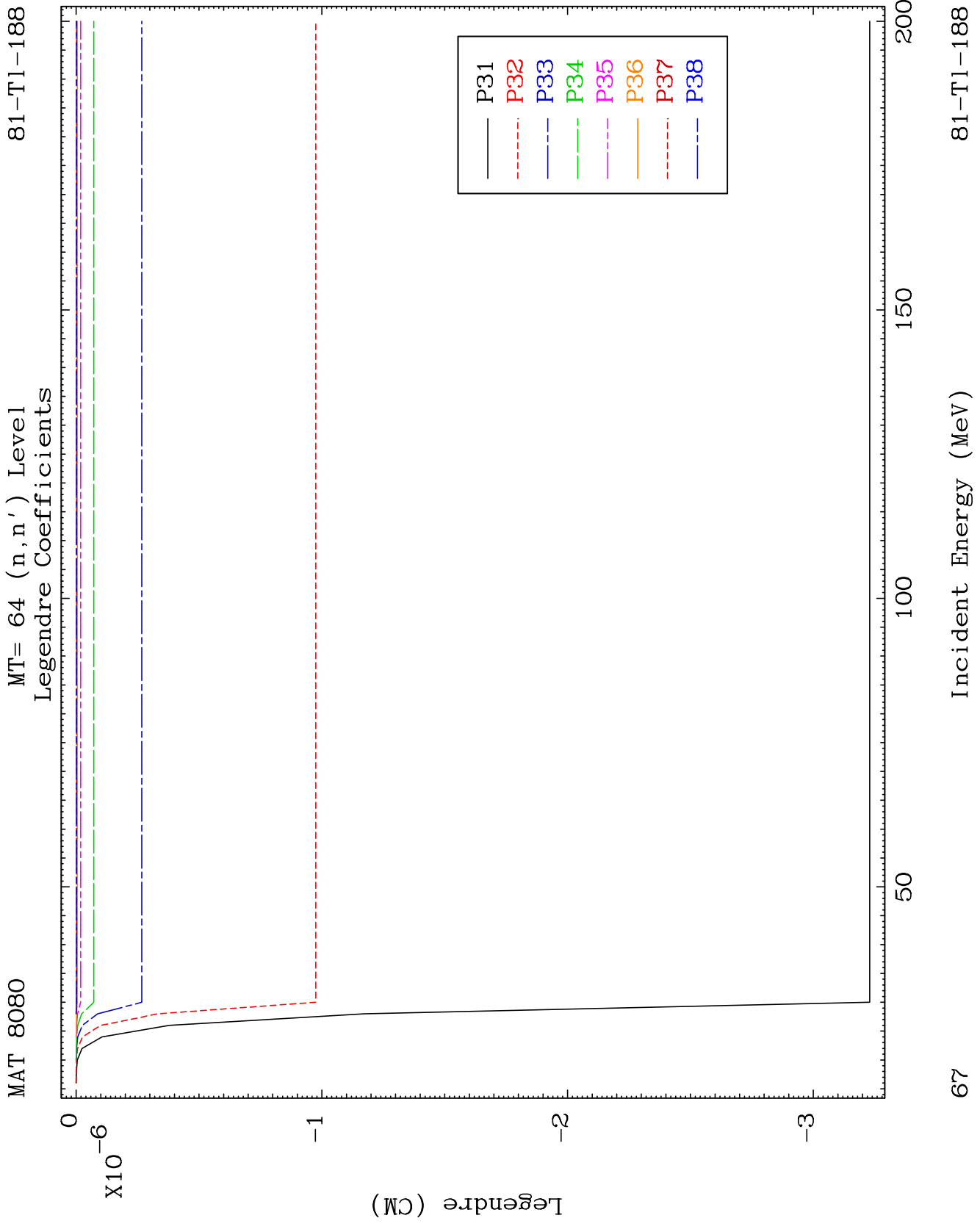


65

Incident Energy (MeV)

81-Tl-188

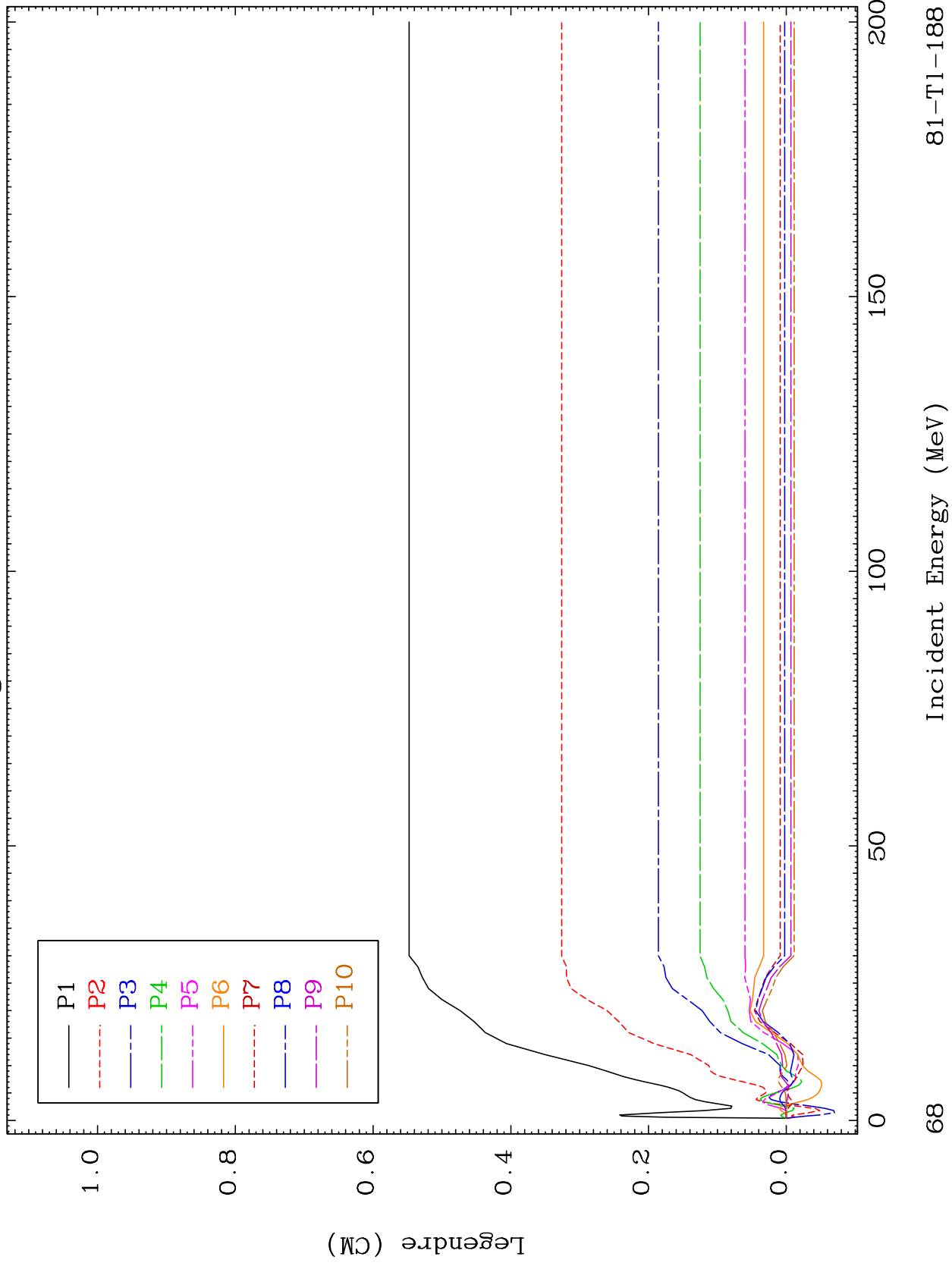




MAT 8080

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

81-Tl-188



68

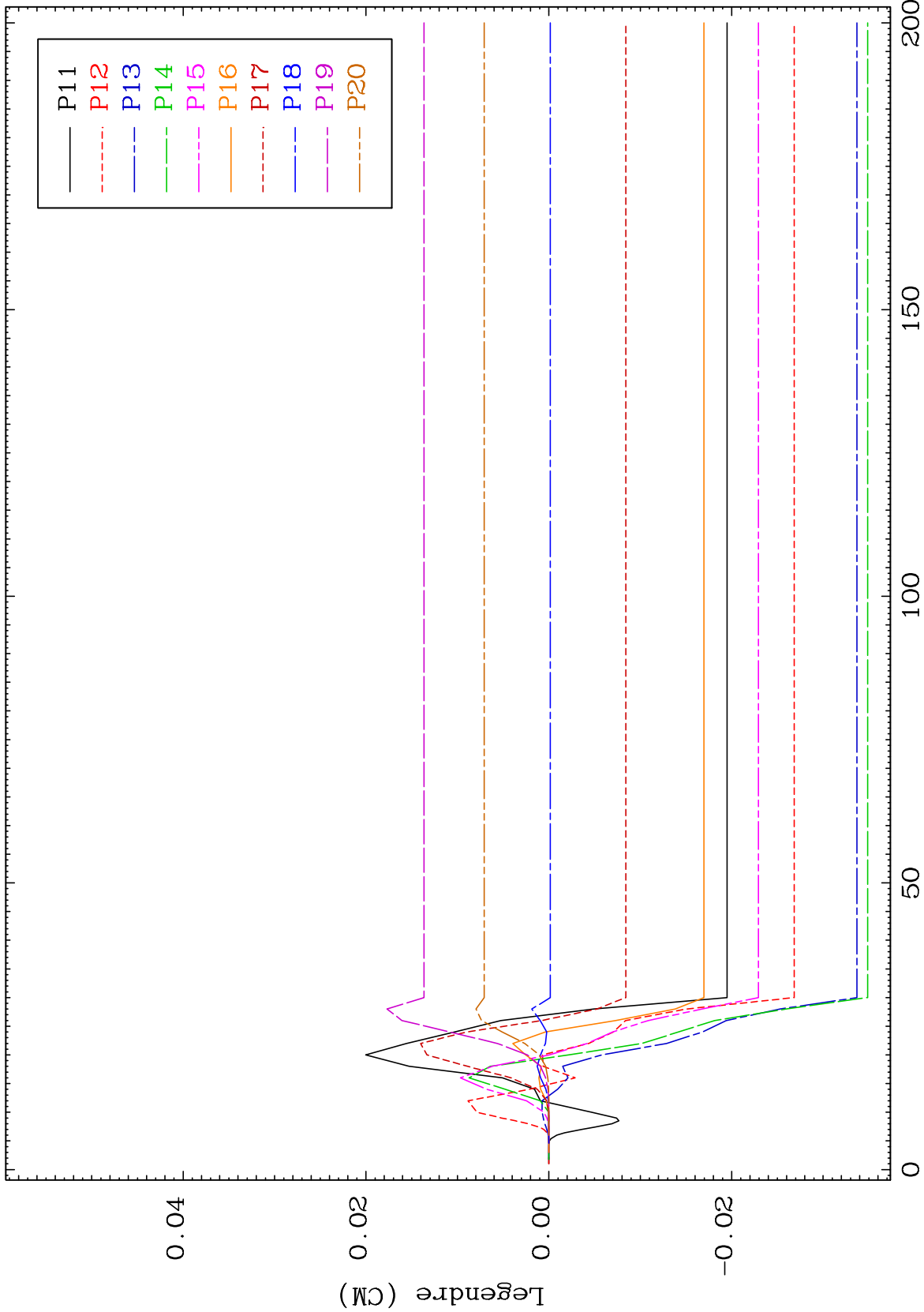
Incident Energy (MeV)

81-Tl-188

MAT 8080

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

81-Tl-188



69

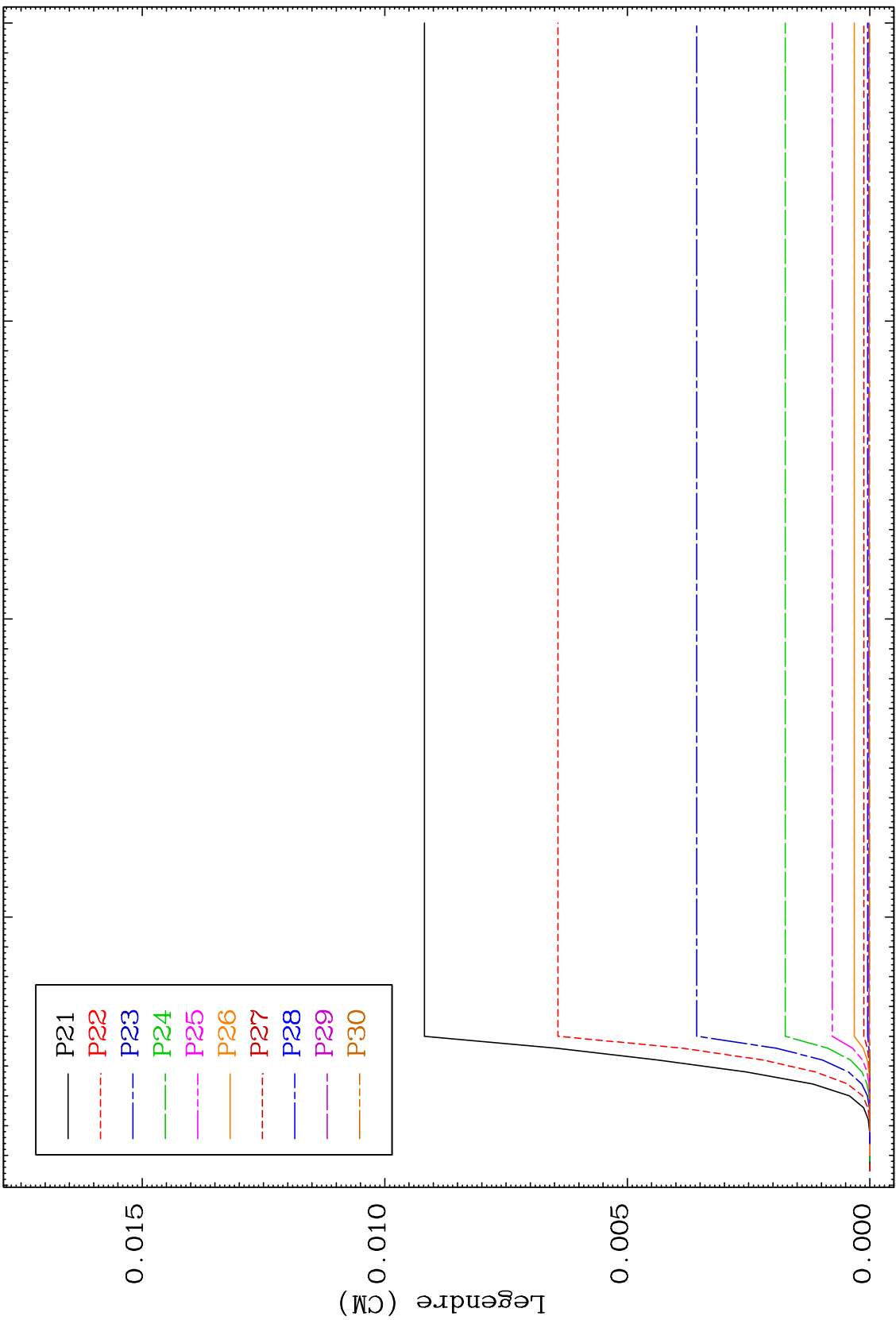
Incident Energy (MeV)

81-Tl-188

MAT 8080

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

81-Tl-188



70

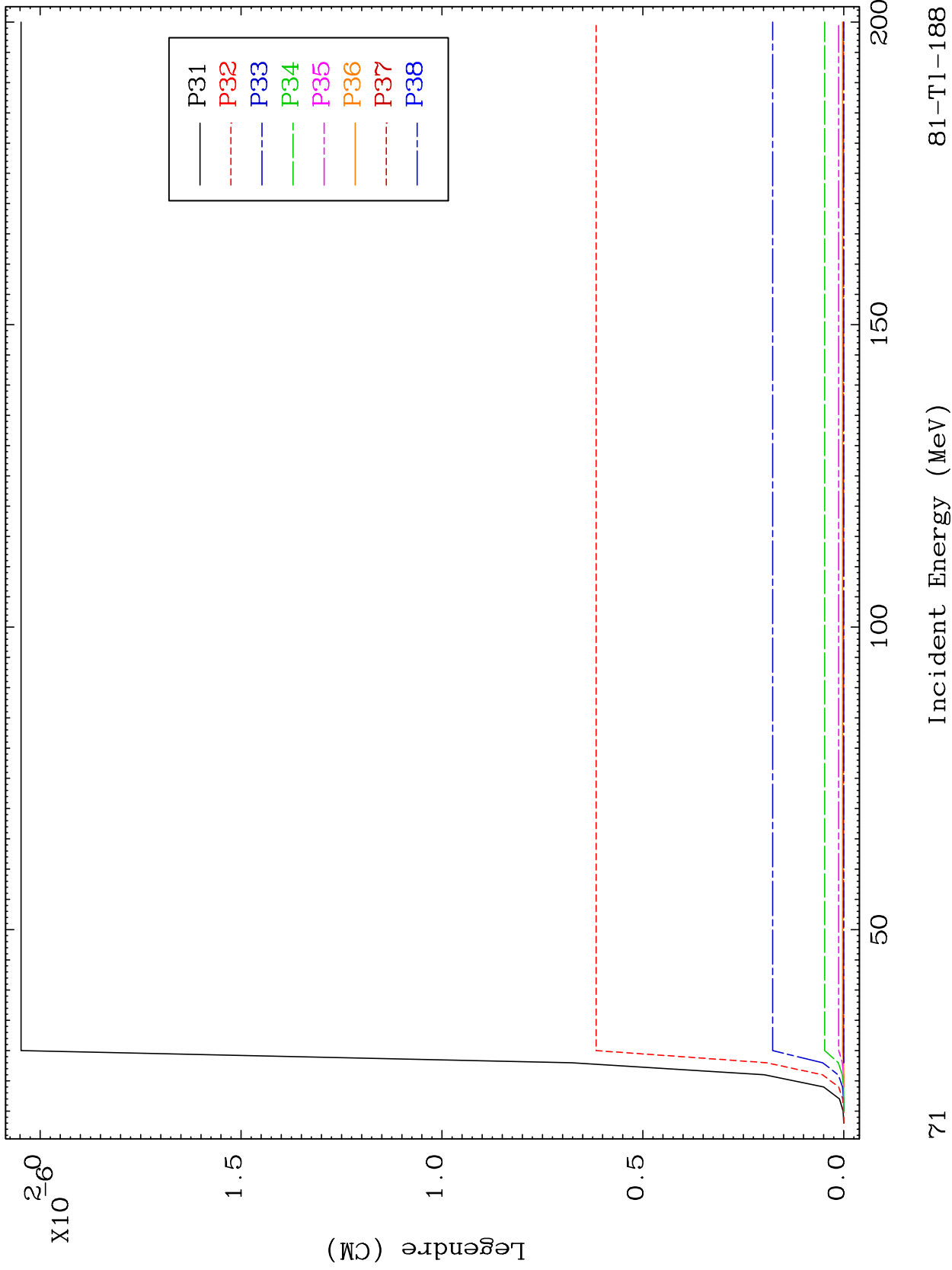
Incident Energy (MeV)

81-Tl-188

MAT 8080

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

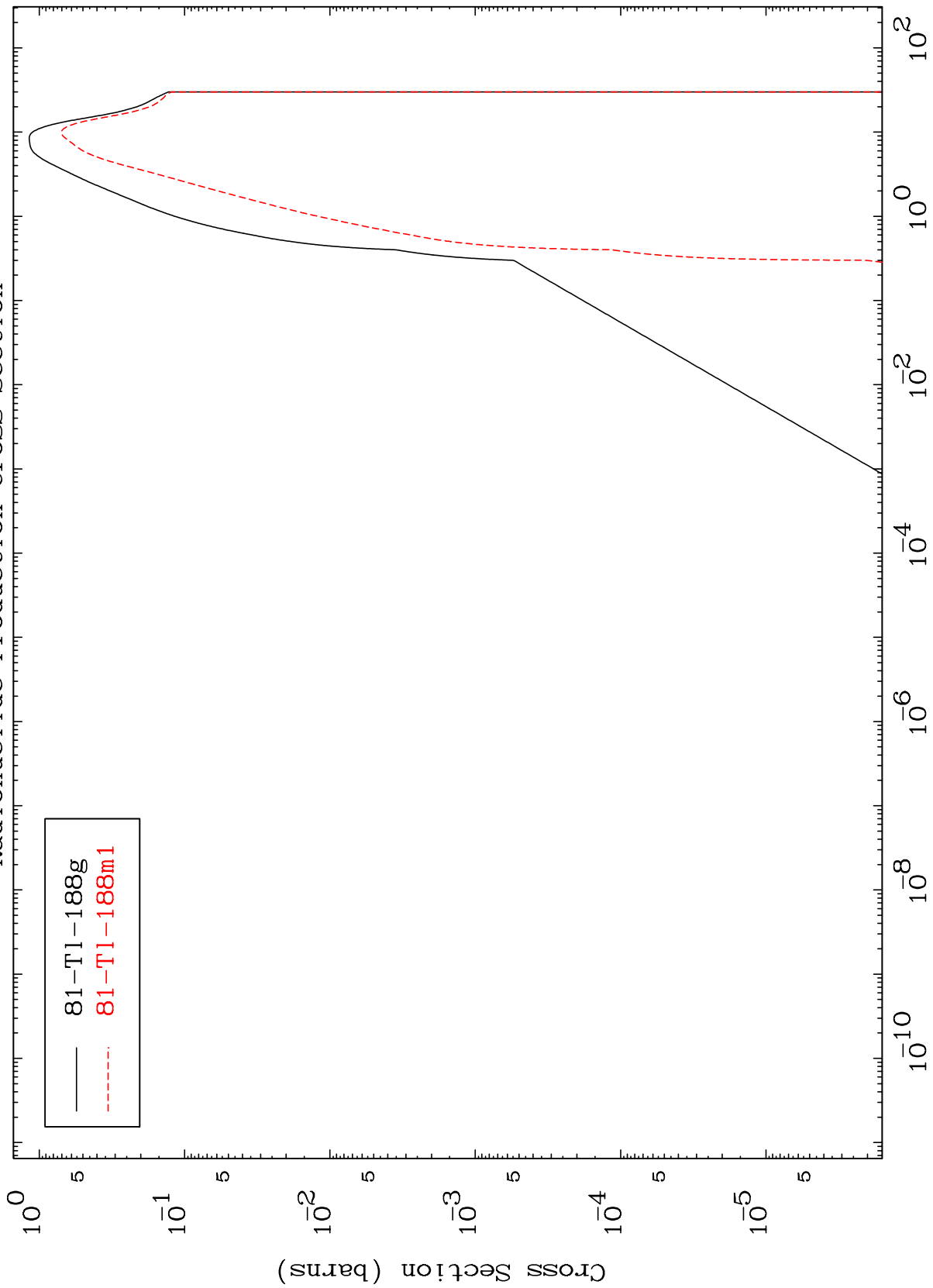
81-Tl-188



MAT 8080

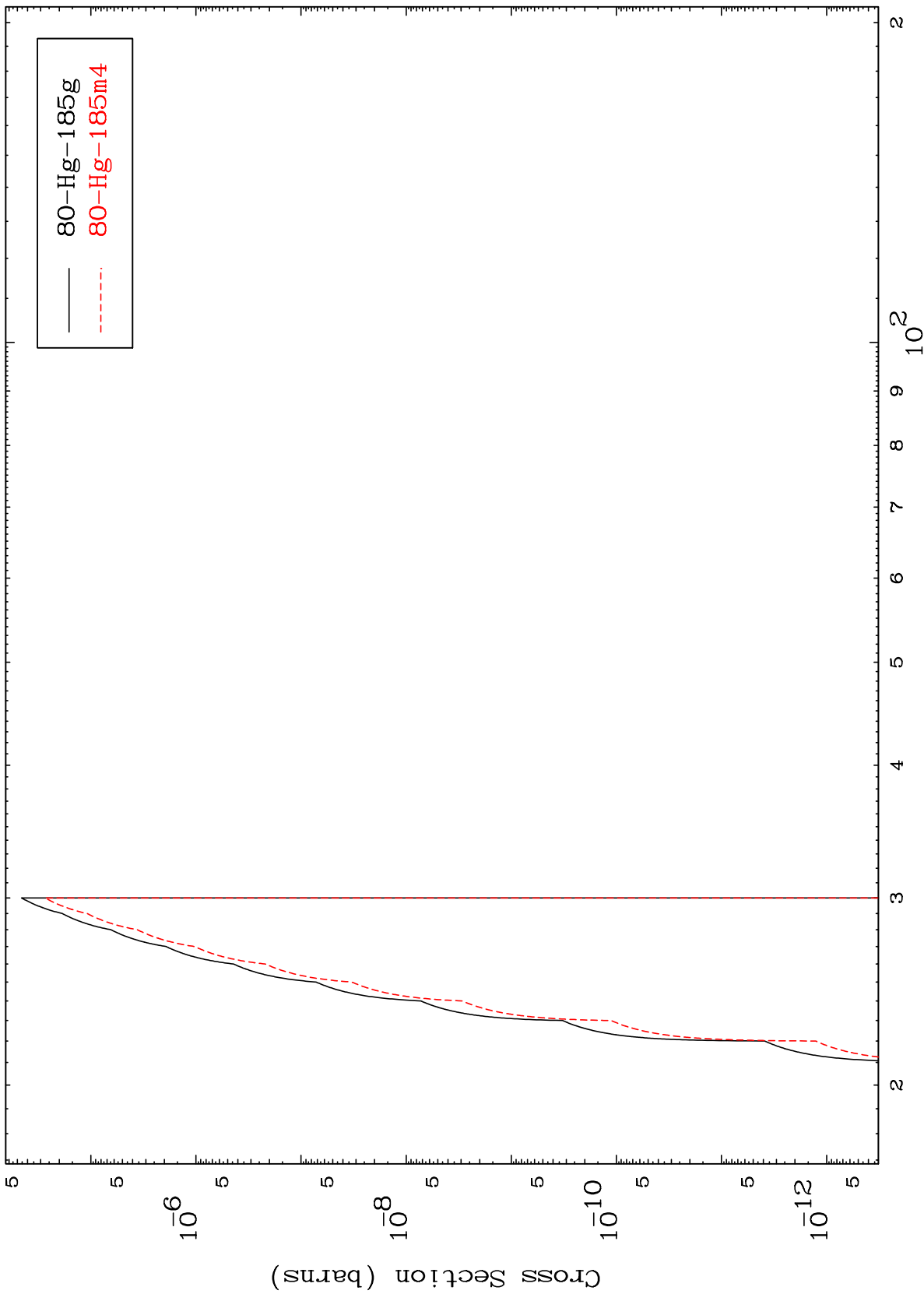
Inelastic
Radionuclide Production Cross Section

81-Tl-188



81-Tl-188g
81-Tl-188m1

Radionuclide Production Cross Section

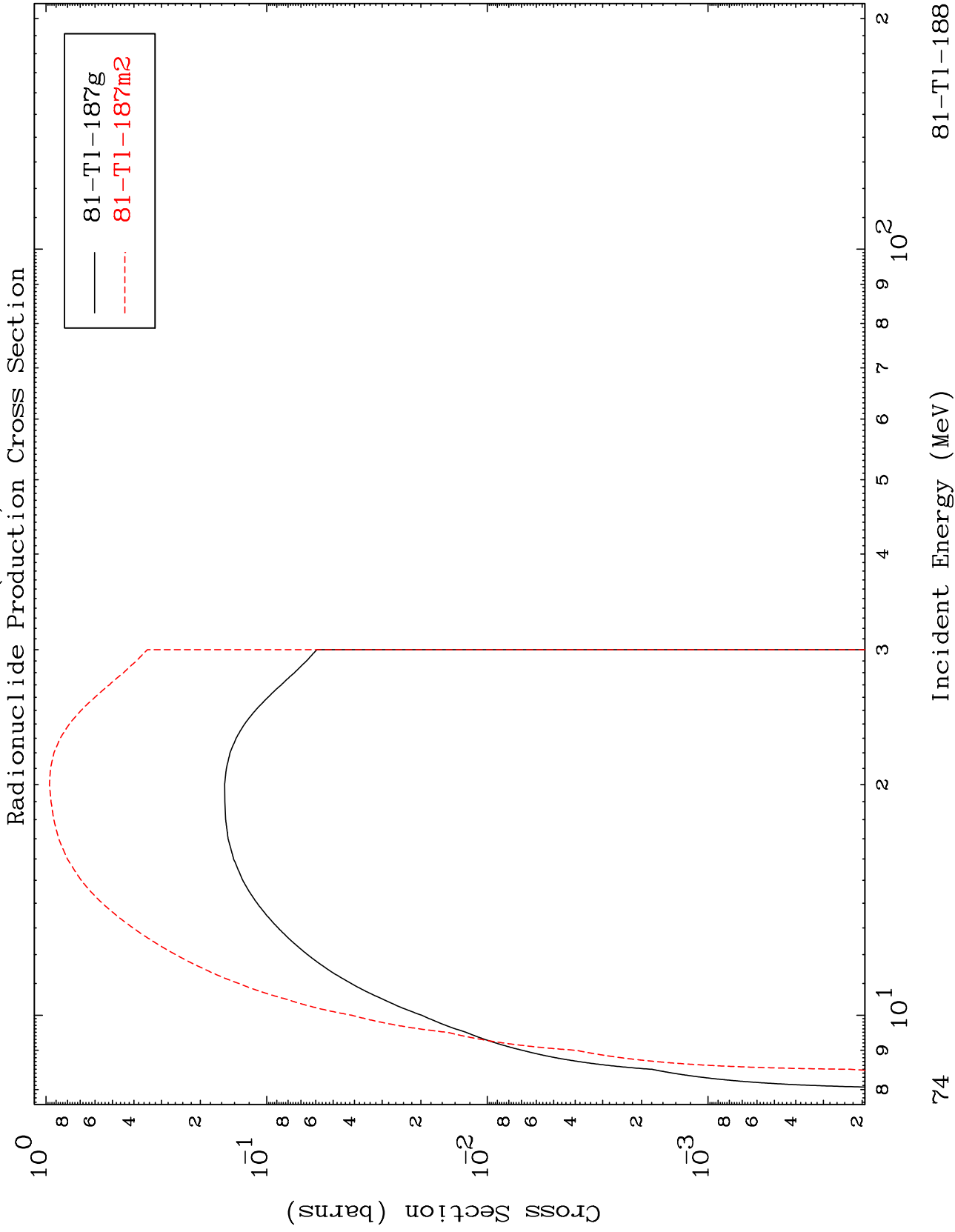


80-Hg-185g
80-Hg-185m4

MAT 8080

(n,2n)

81-Tl-188



74

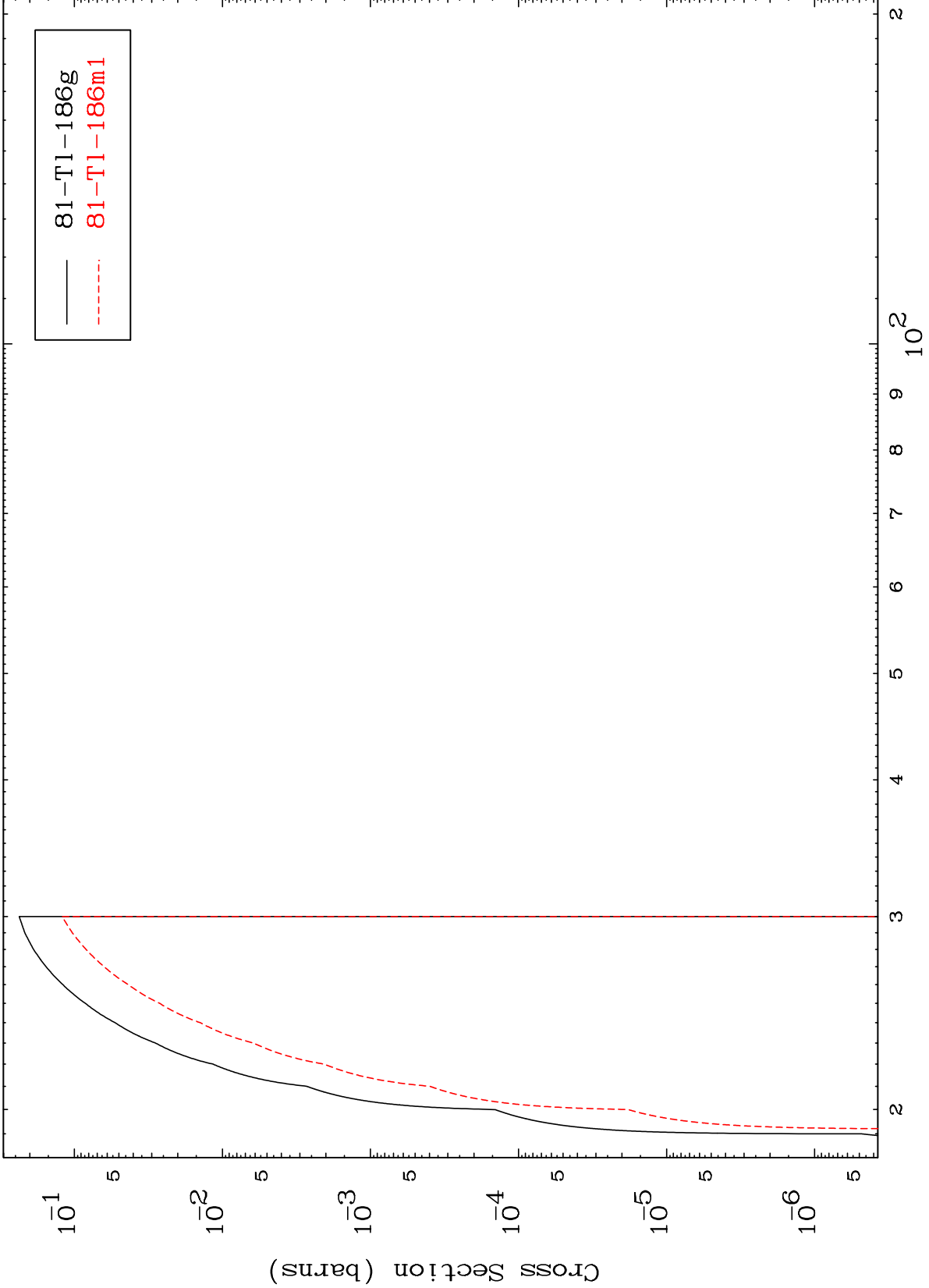
81-Tl-188

MAT 8080

(n,3n)

81-Tl-188

Radionuclide Production Cross Section



75

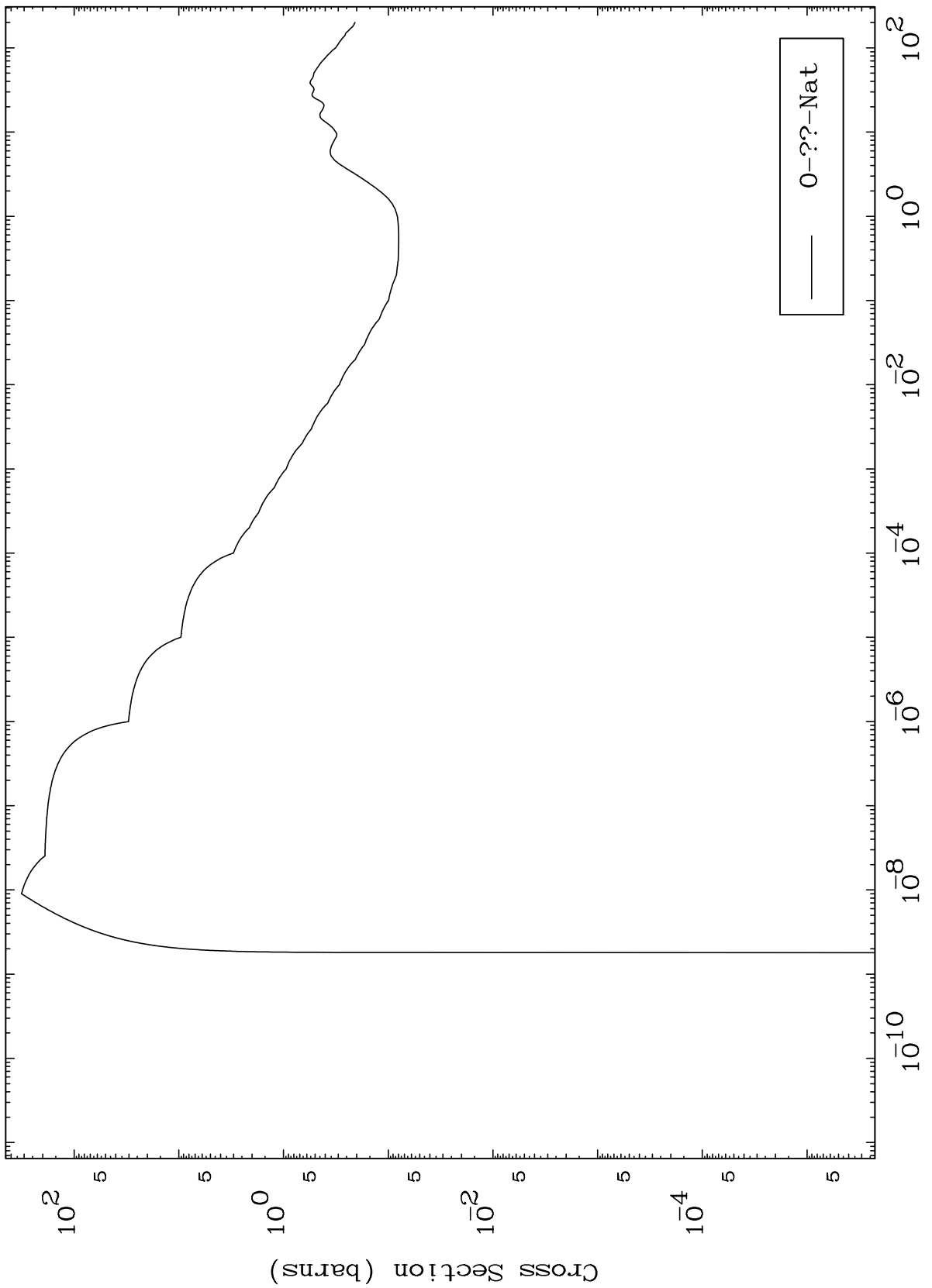
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

Fission
Radionuclide Production Cross Section



76

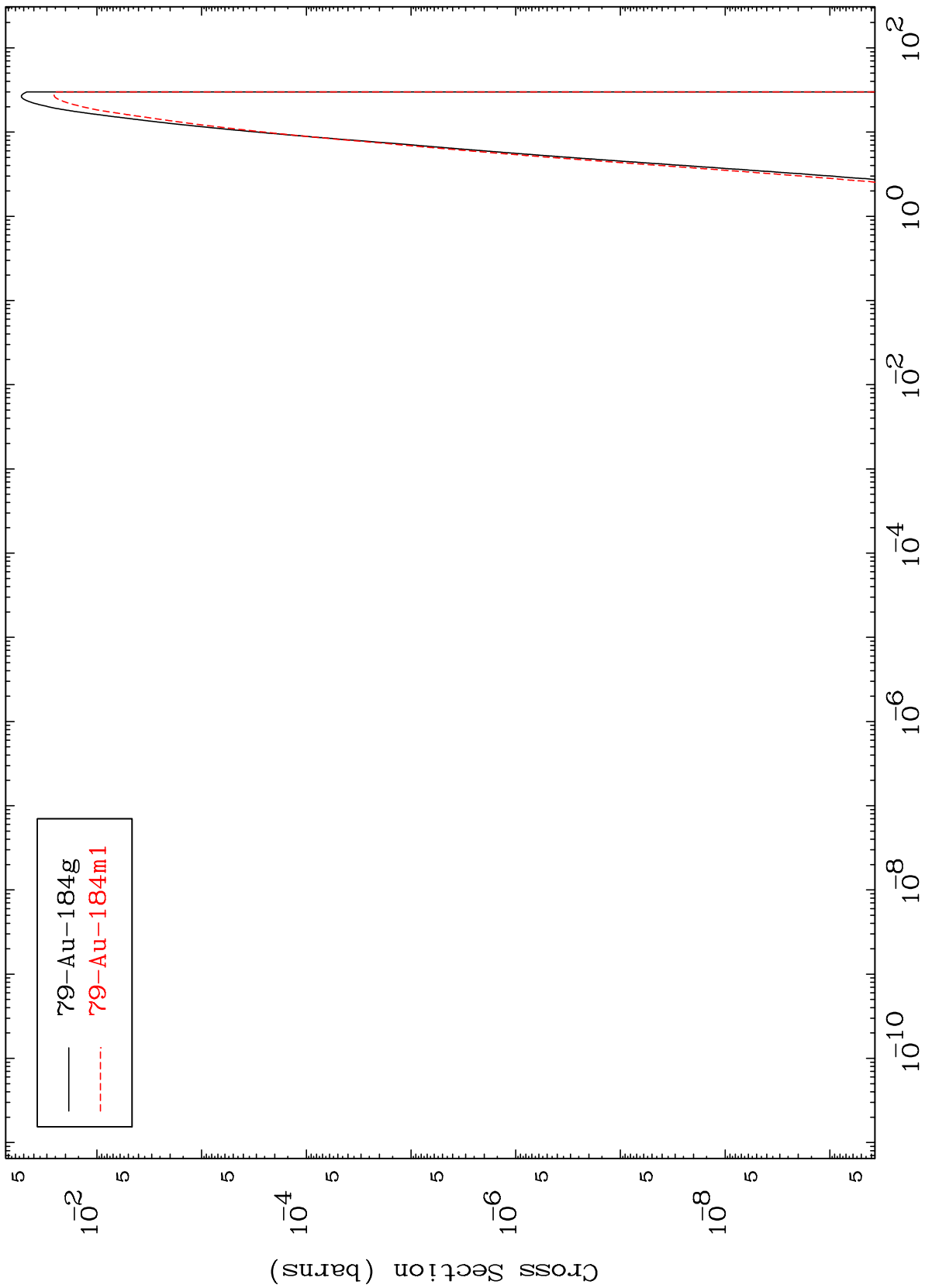
81-Tl-188

MAT 8080

(n, n') α

81-Tl-188

Radionuclide Production Cross Section



— $^{79}\text{Au-184g}$
- - - $^{79}\text{Au-184m1}$

77

Incident Energy (MeV)

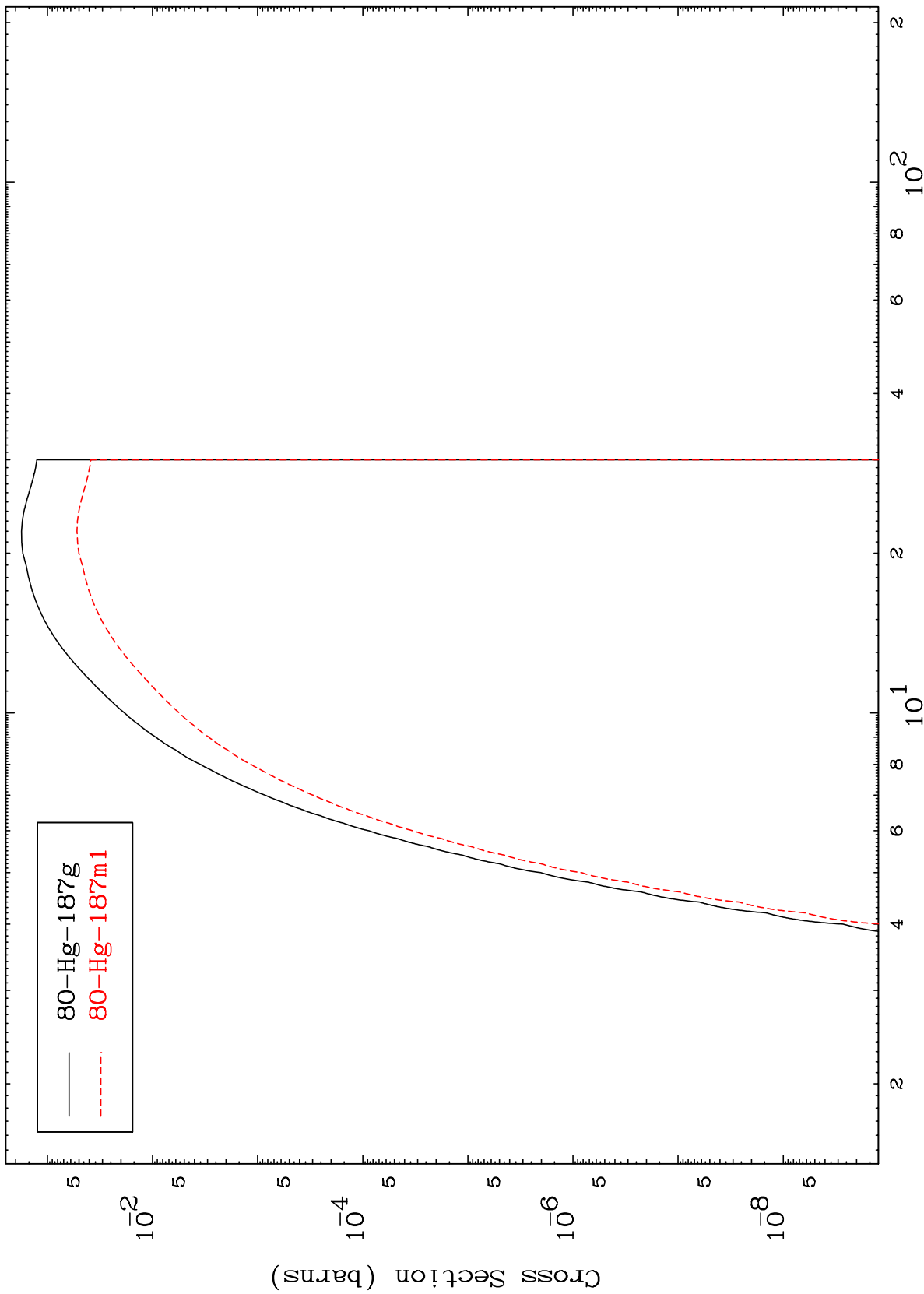
81-Tl-188

MAT 8080

(n,n') p

81-Tl-188

Radionuclide Production Cross Section



78

Incident Energy (MeV)

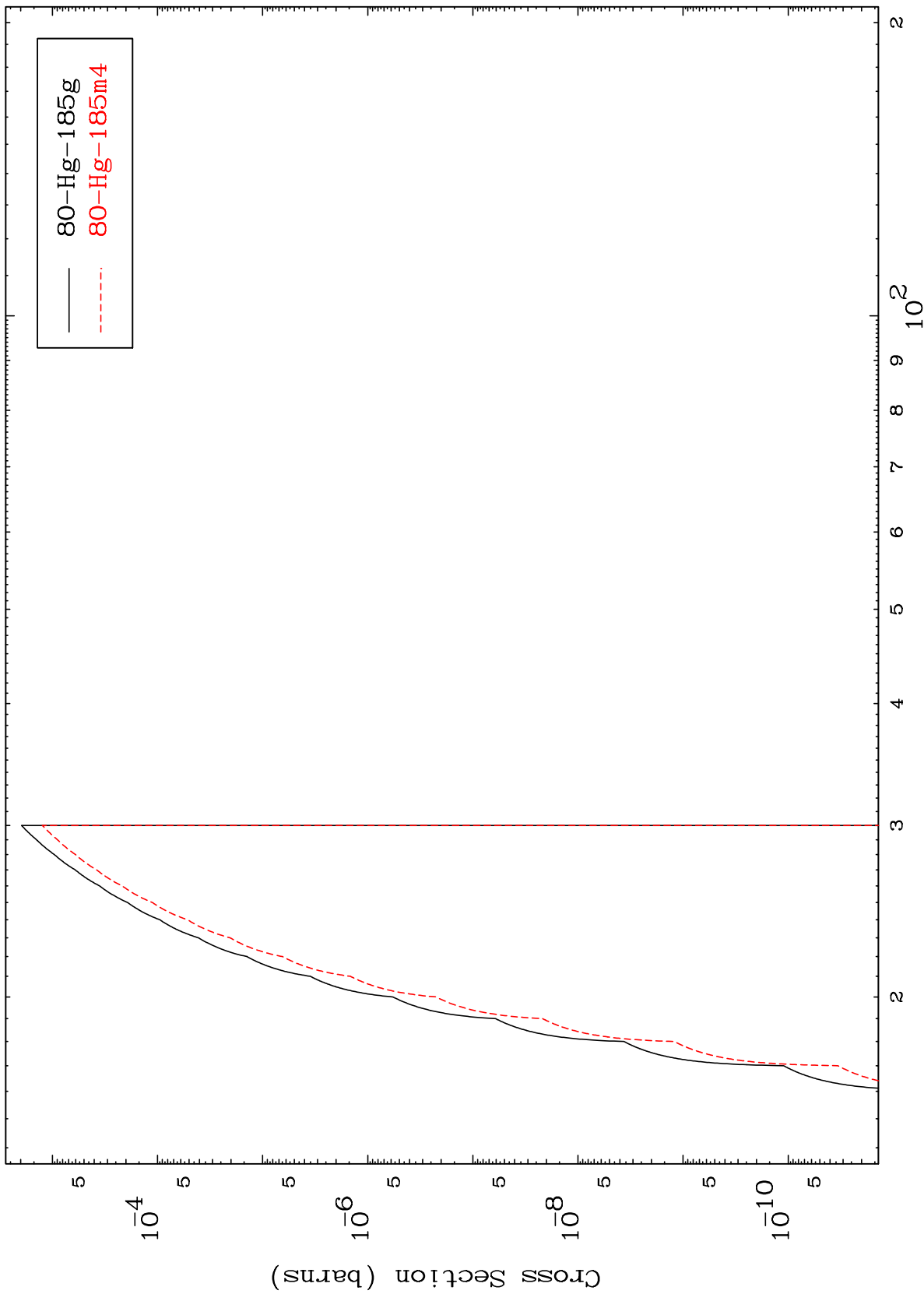
81-Tl-188

MAT 8080

(n,n') t

81-Tl-188

Radionuclide Production Cross Section



79

Incident Energy (MeV)

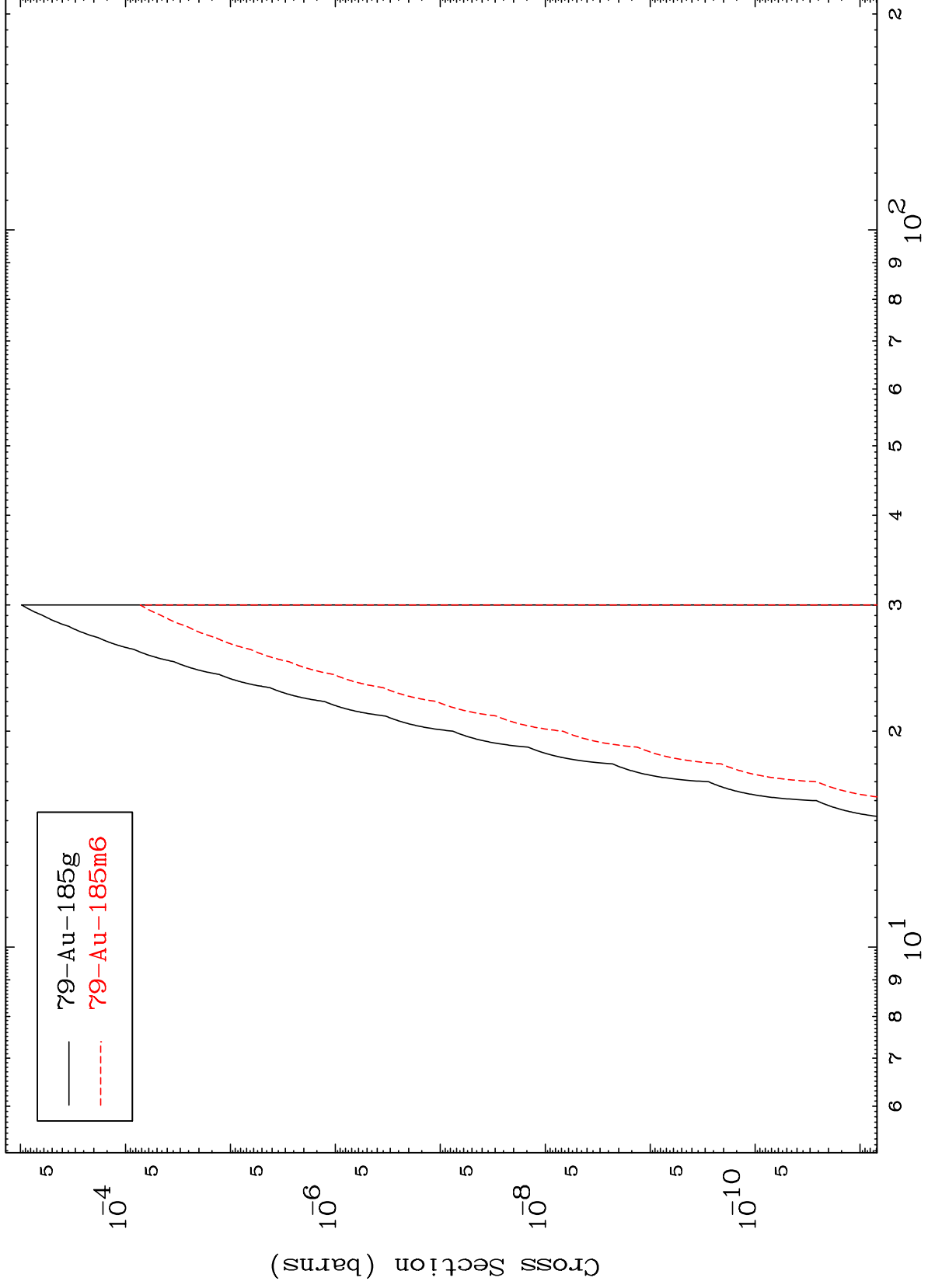
81-Tl-188

MAT 8080

(n,n') He-3

81-Tl-188

Radionuclide Production Cross Section

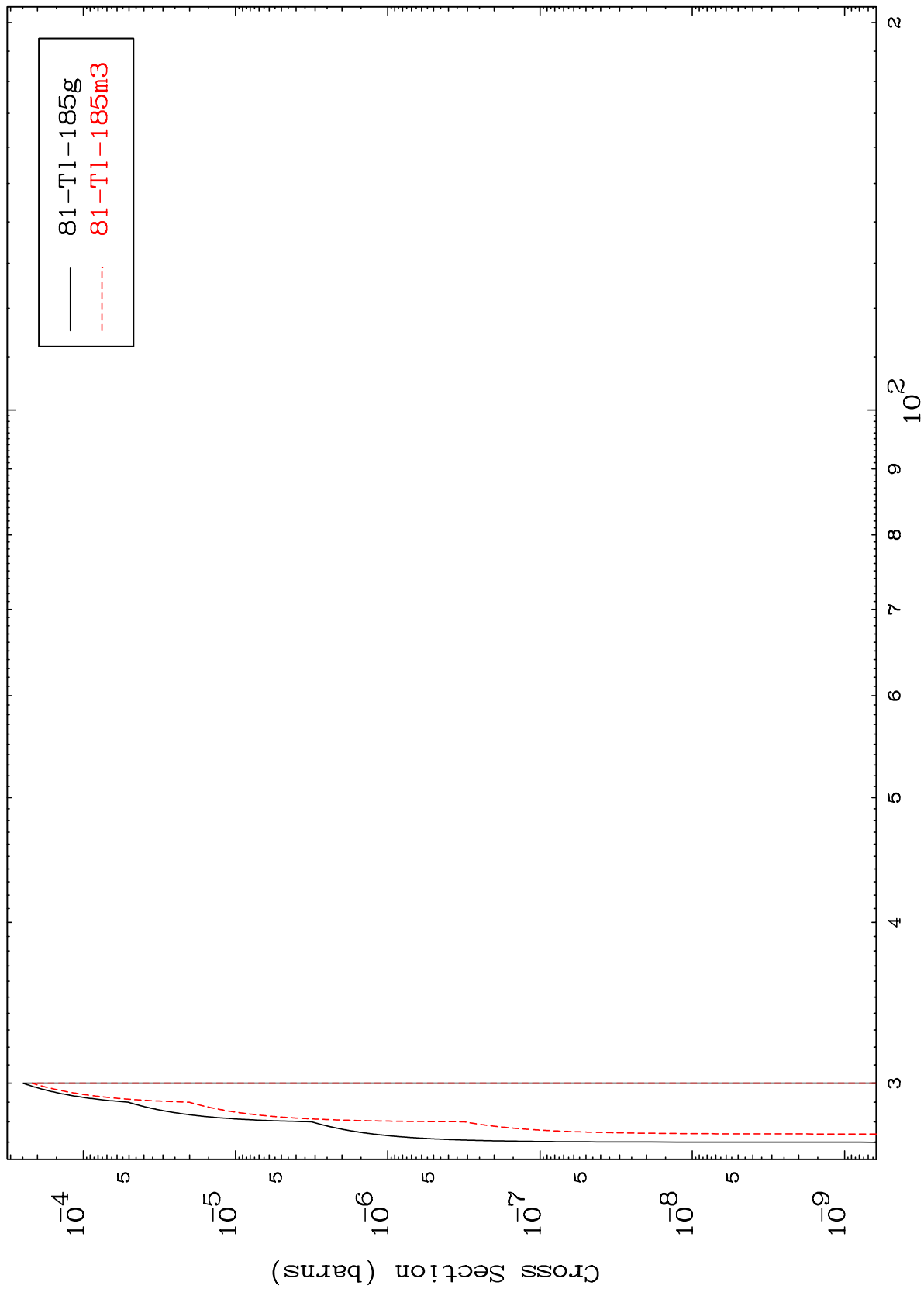


— ⁷⁹Au-185g
- - - ⁷⁹Au-185m6

MAT 8080

81-Tl-188

(n,4n)
Radionuclide Production Cross Section

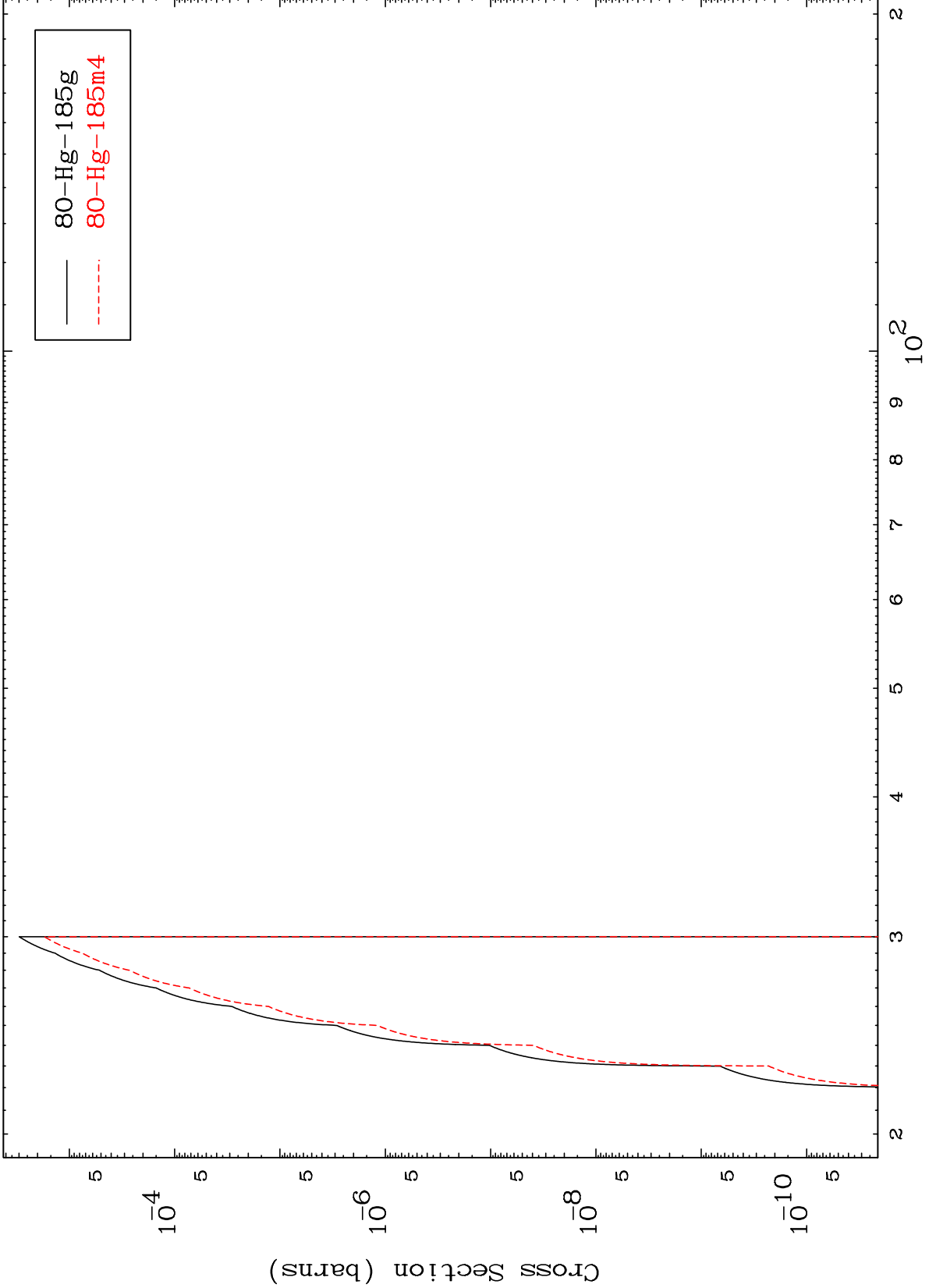


81

81-Tl-188

Incident Energy (MeV)

Radionuclide Production Cross Section

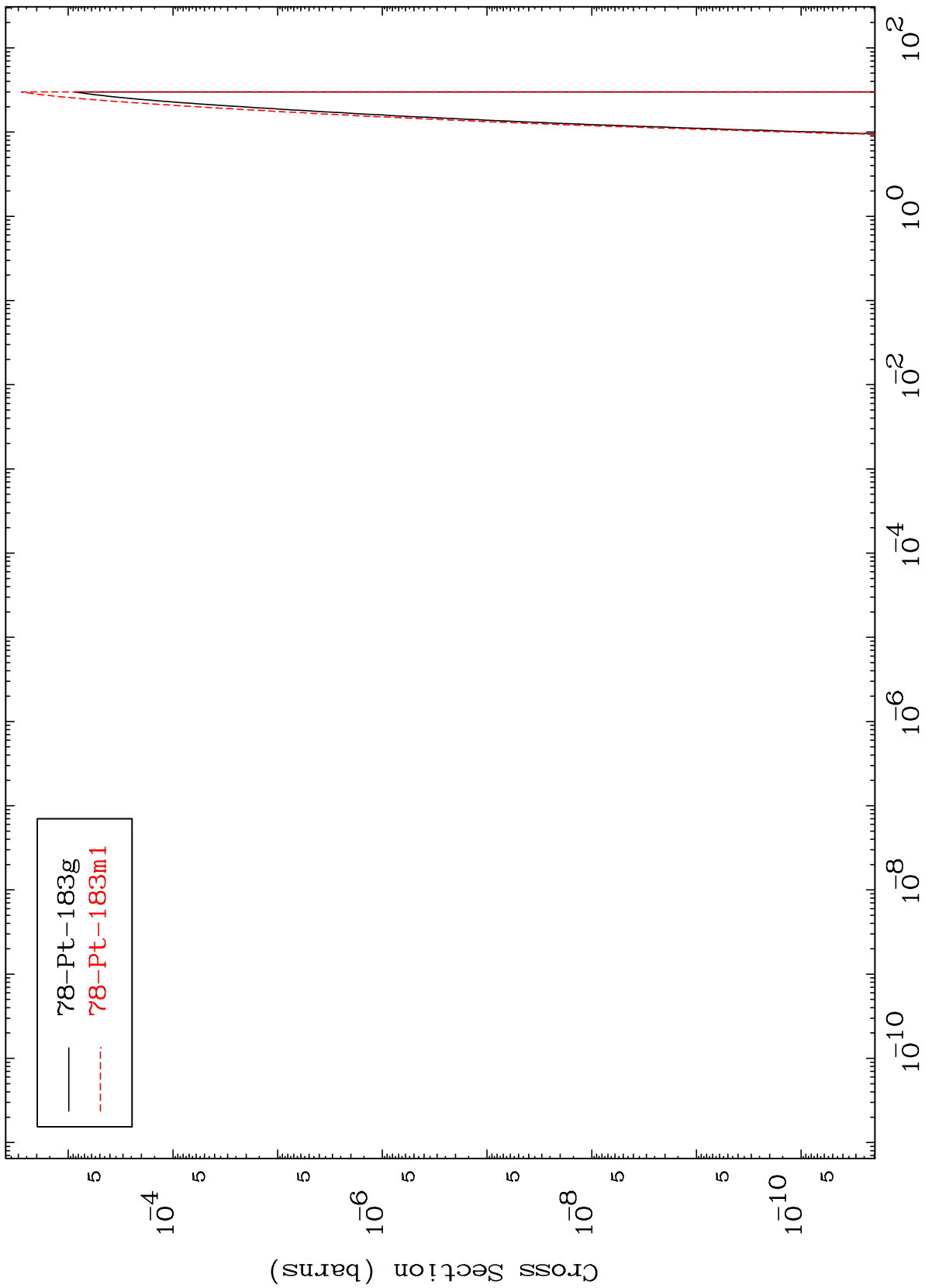


MAT 8080

(n,n') p α

81-Tl-188

Radionuclide Production Cross Section



78-Pt-183g
78-Pt-183m1

83

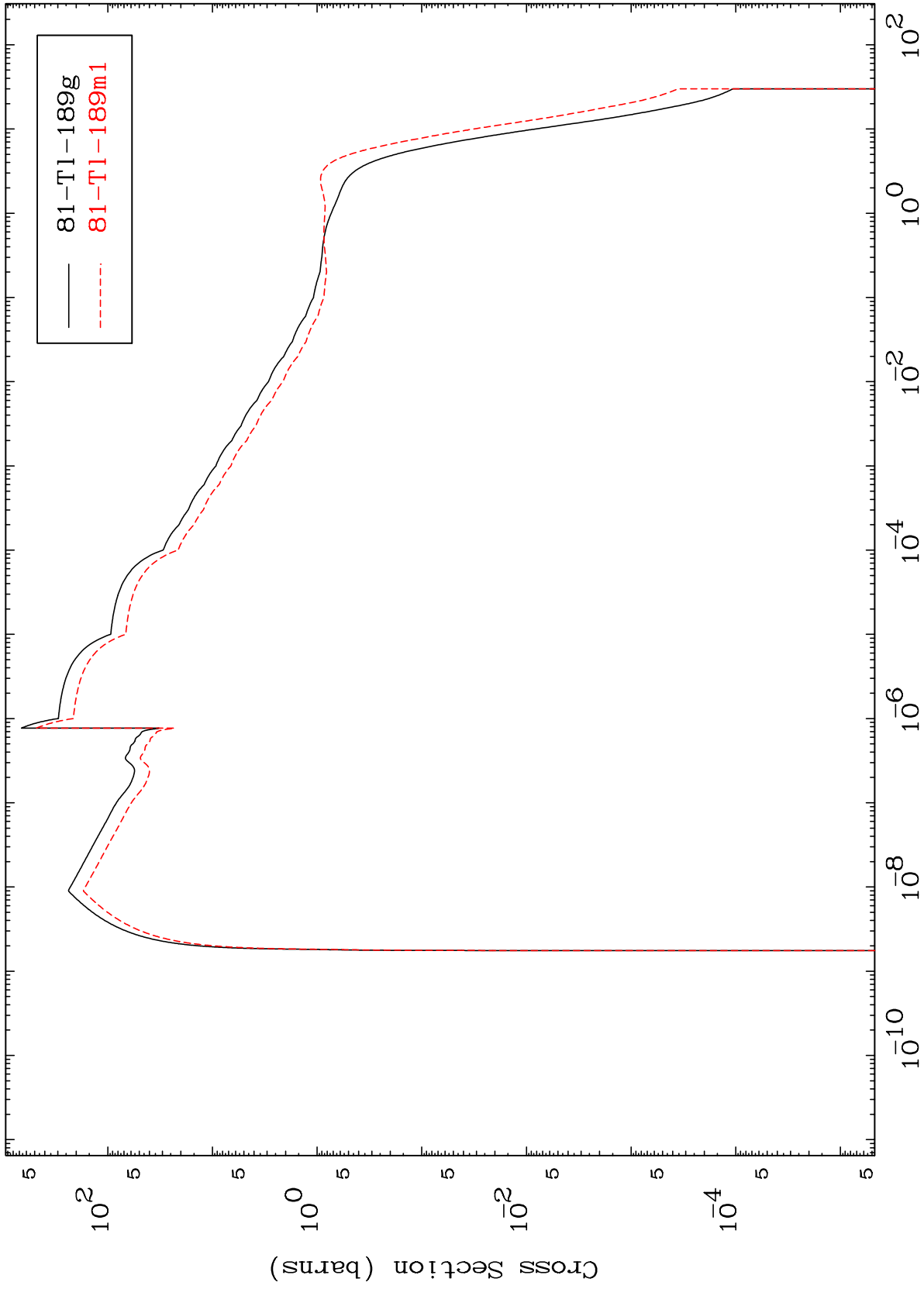
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

(n, γ)
Radionuclide Production Cross Section



84

81-Tl-188

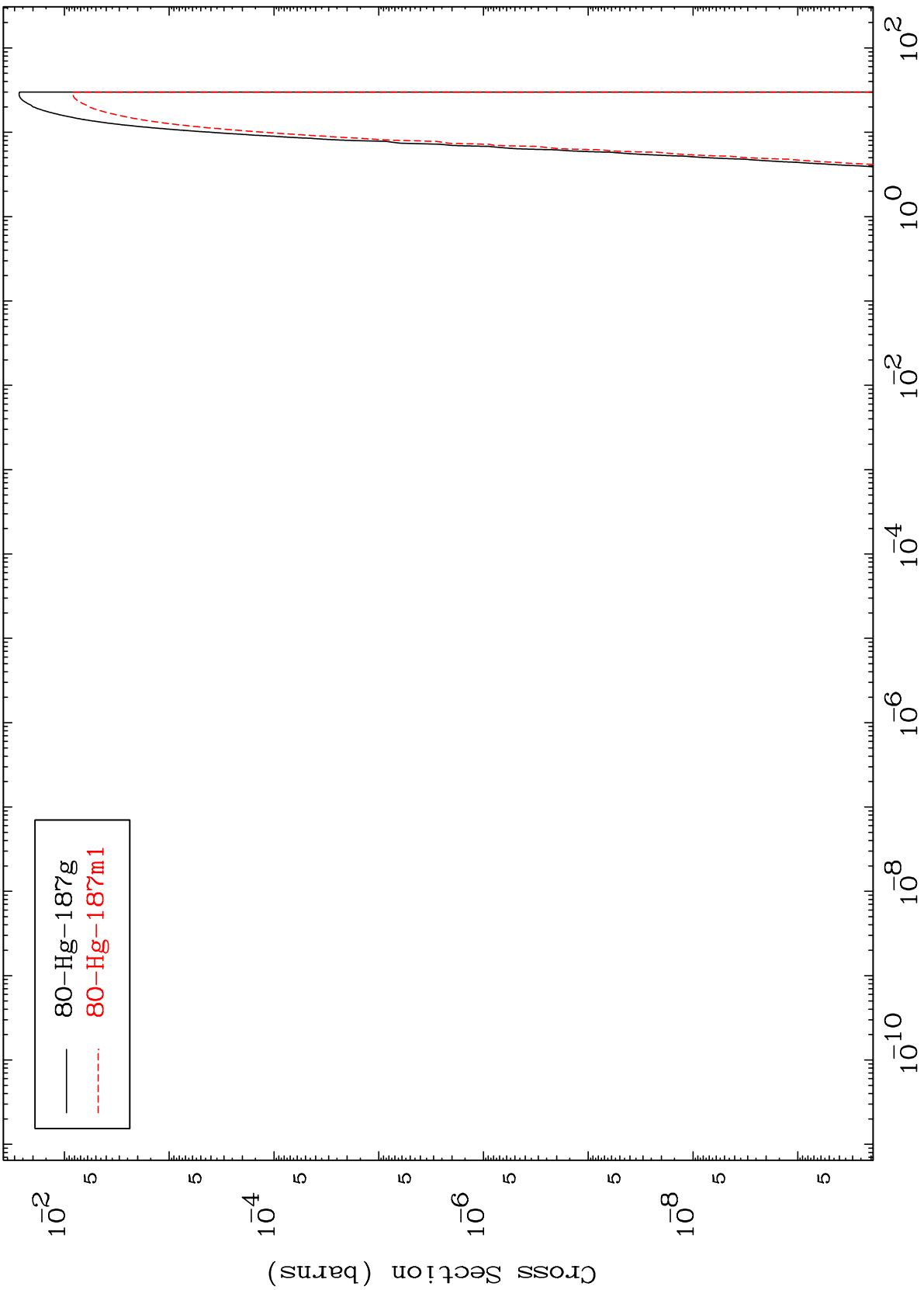
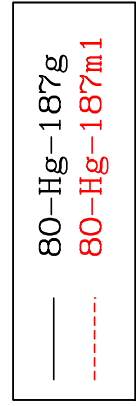
Incident Energy (MeV)

MAT 8080

(n,d)

81-Tl-188

Radionuclide Production Cross Section

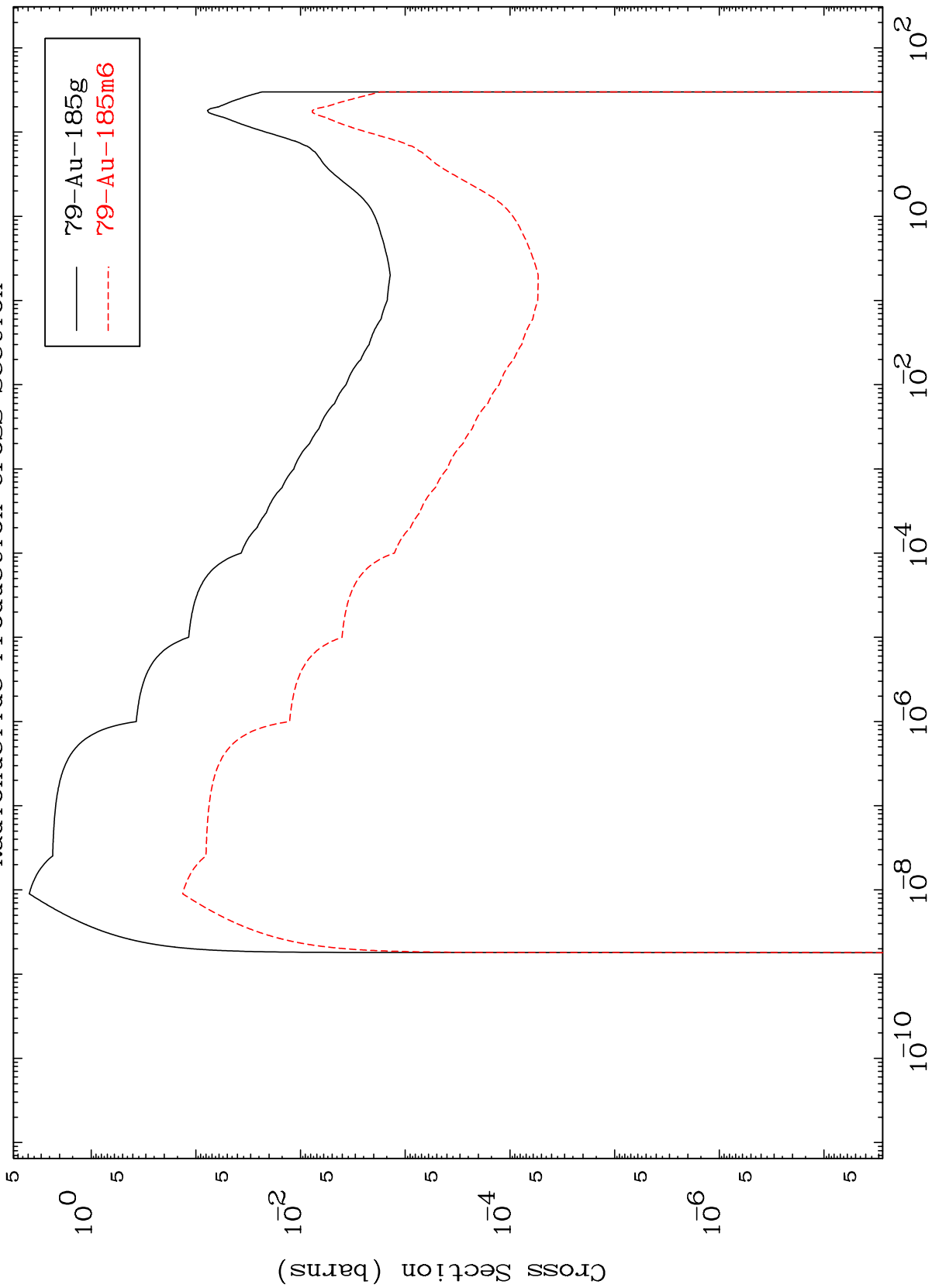


85

Incident Energy (MeV)

81-Tl-188

(n, α)
Radionuclide Production Cross Section

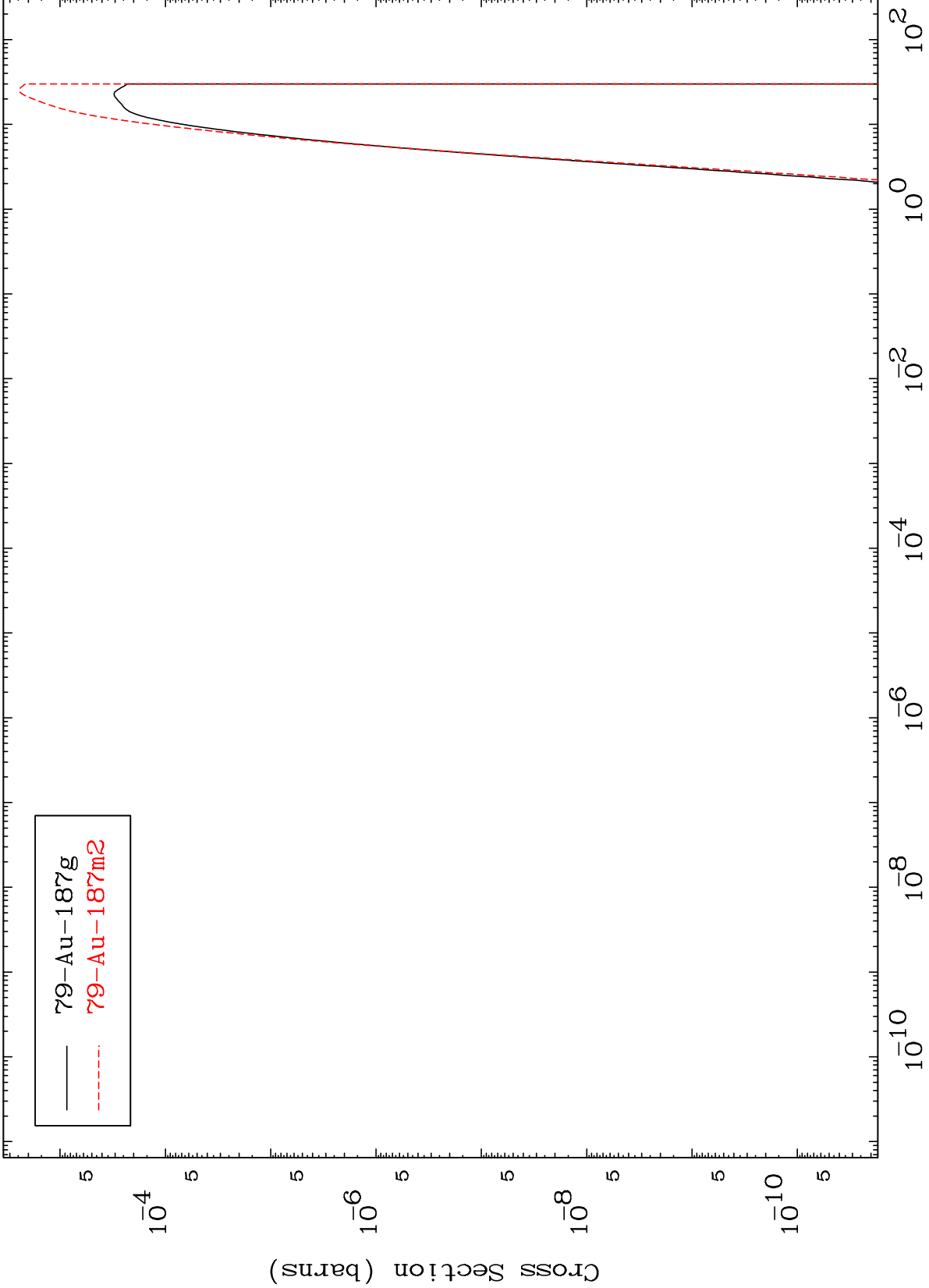
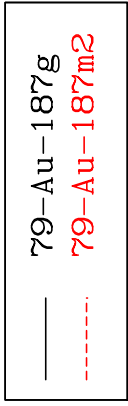


MAT 8080

(n,2p)

81-Tl-188

Radionuclide Production Cross Section

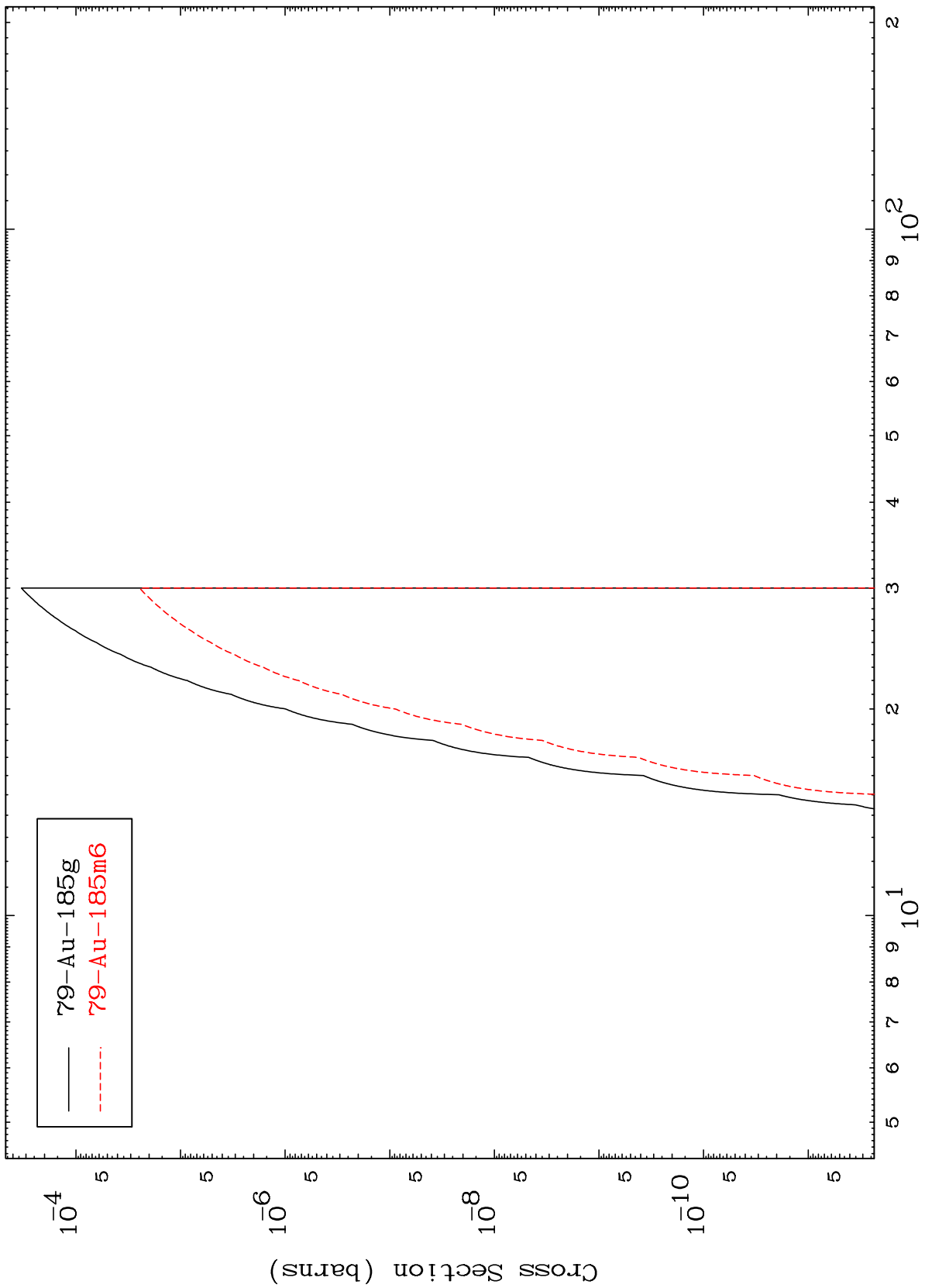


87

Incident Energy (MeV)

81-Tl-188

Radionuclide Production Cross Section



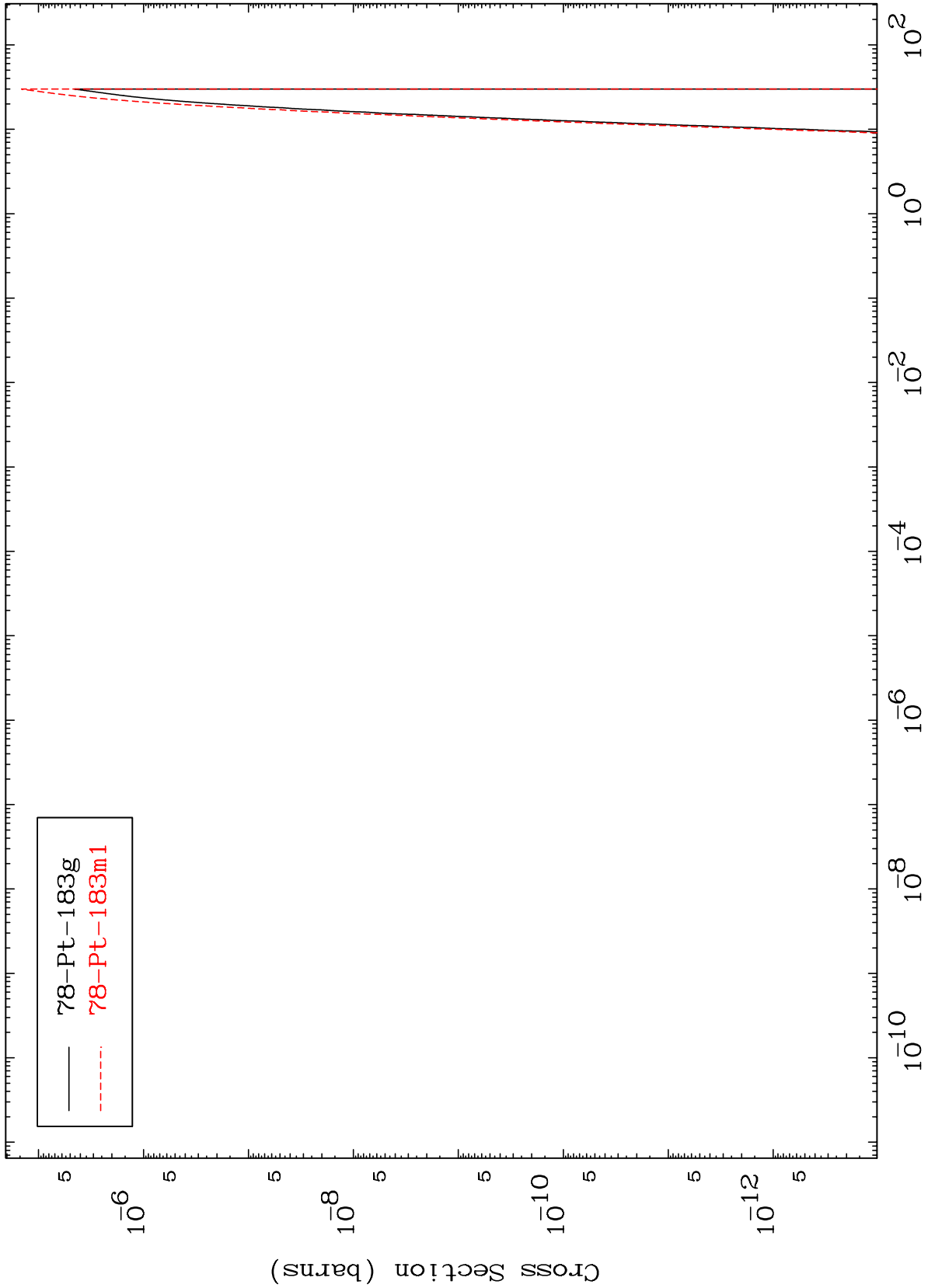
— $^{79}\text{Au-185g}$
- - - $^{79}\text{Au-185m6}$

MAT 8080

(n,d) α

81-Tl-188

Radionuclide Production Cross Section



89

Incident Energy (MeV)

81-Tl-188