

Program EVALPLOT
(Version 2015-2)

by

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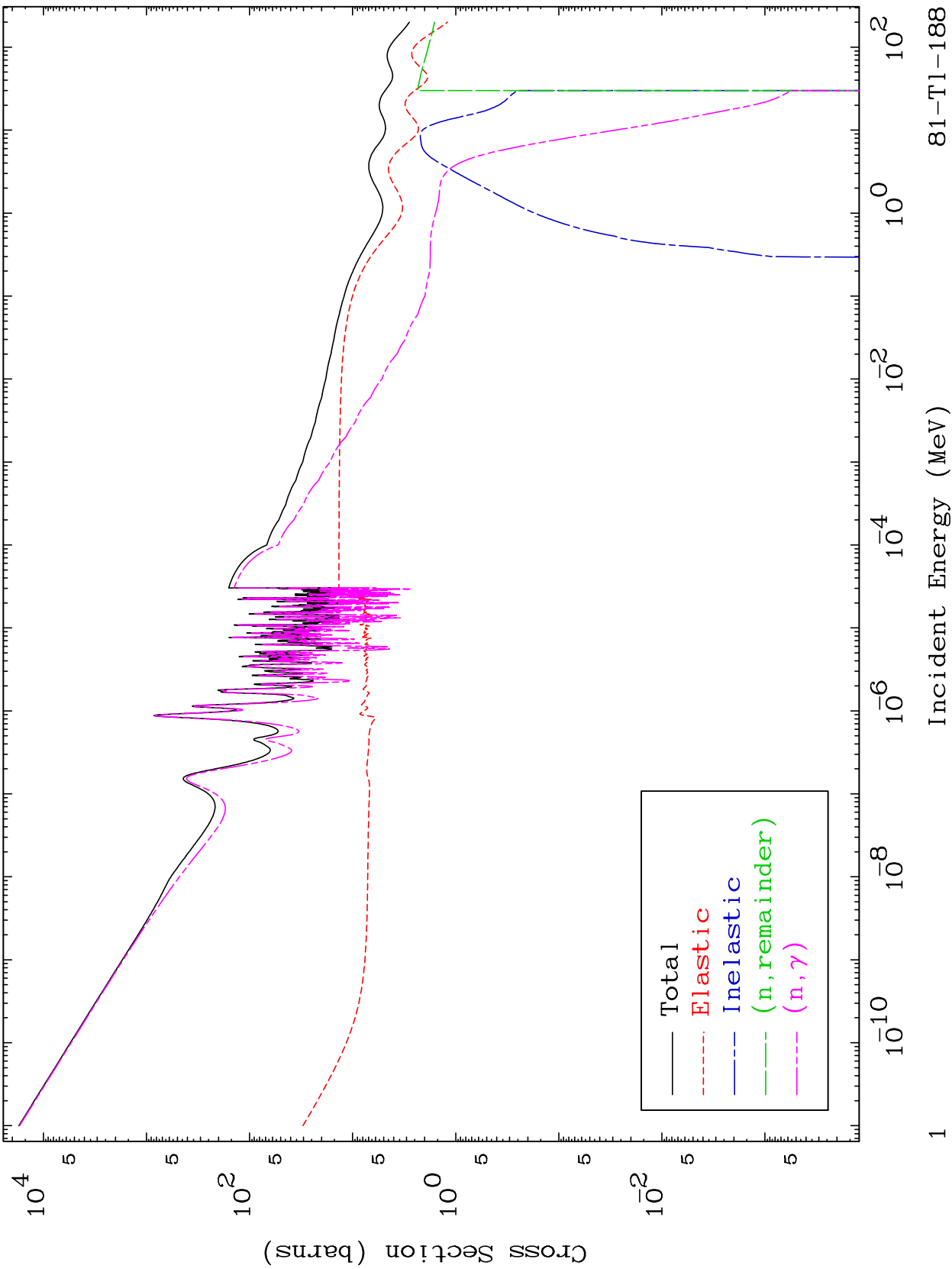
Press Mouse Button to Start

MAT 8080

Major

293 Kelvin Cross Sections

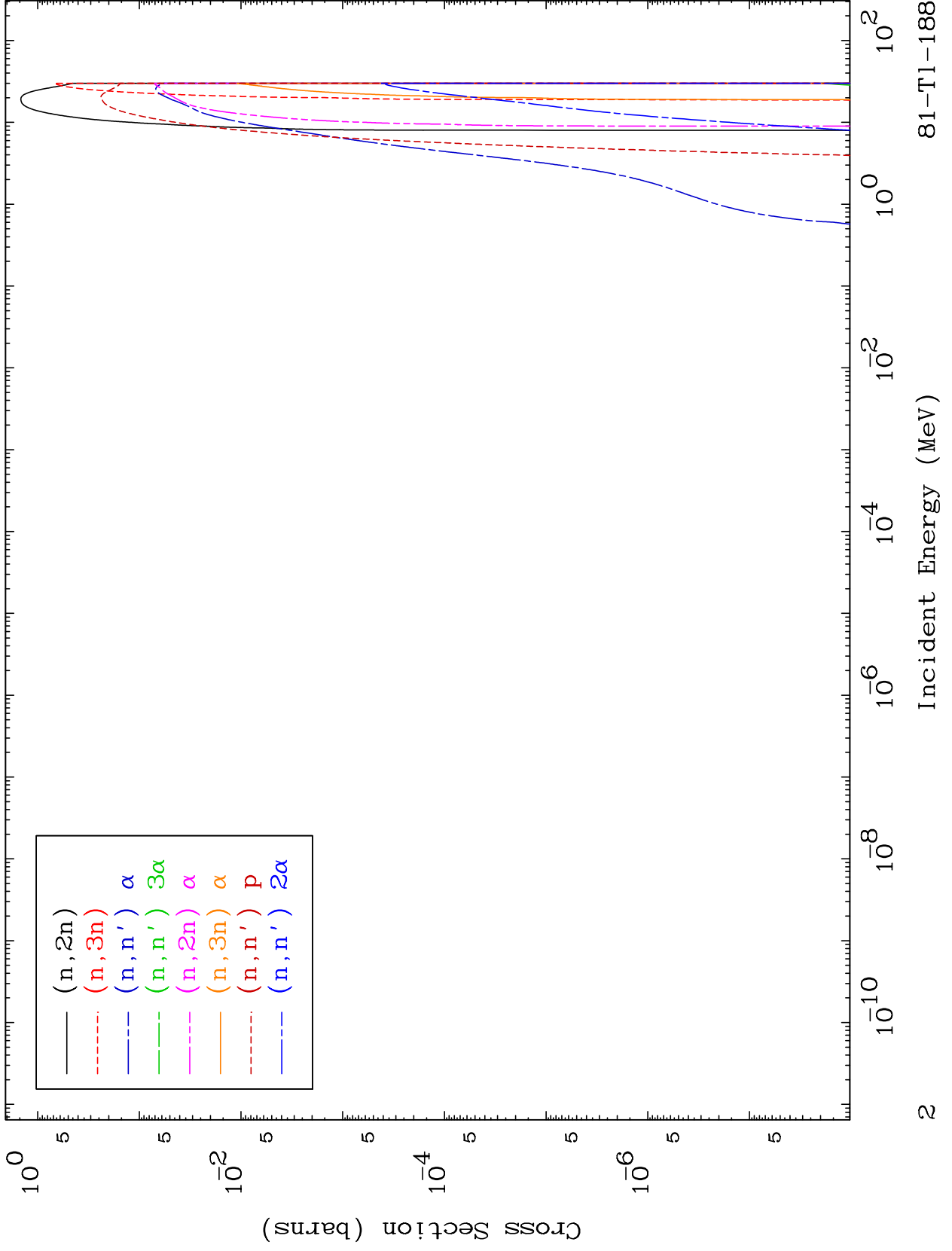
81-Tl-188



MAT 8080

Neutron Production
293 Kelvin Cross Sections

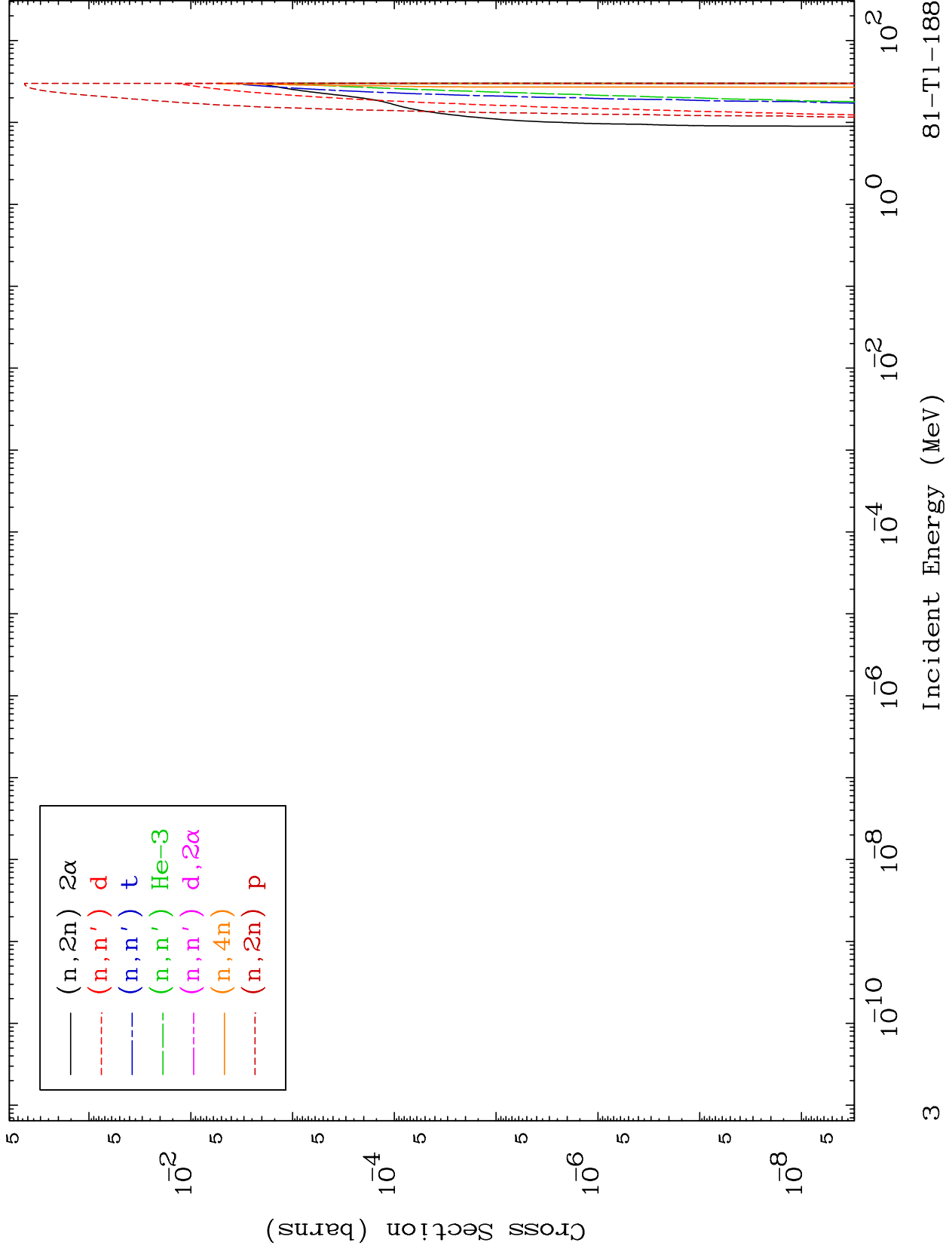
81-Tl-188



MAT 8080

Neutron Production
293 Kelvin Cross Sections

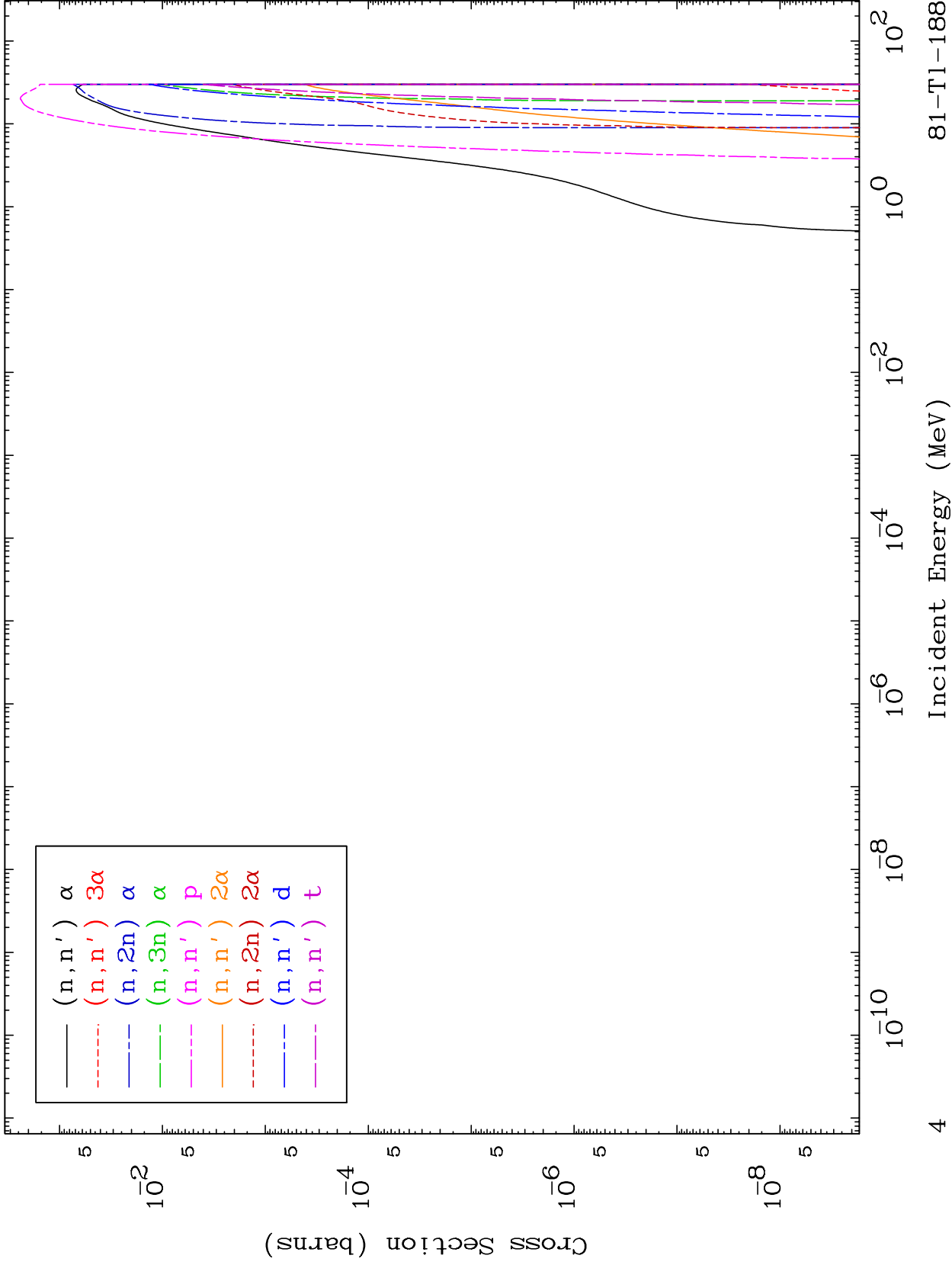
81-Tl-188

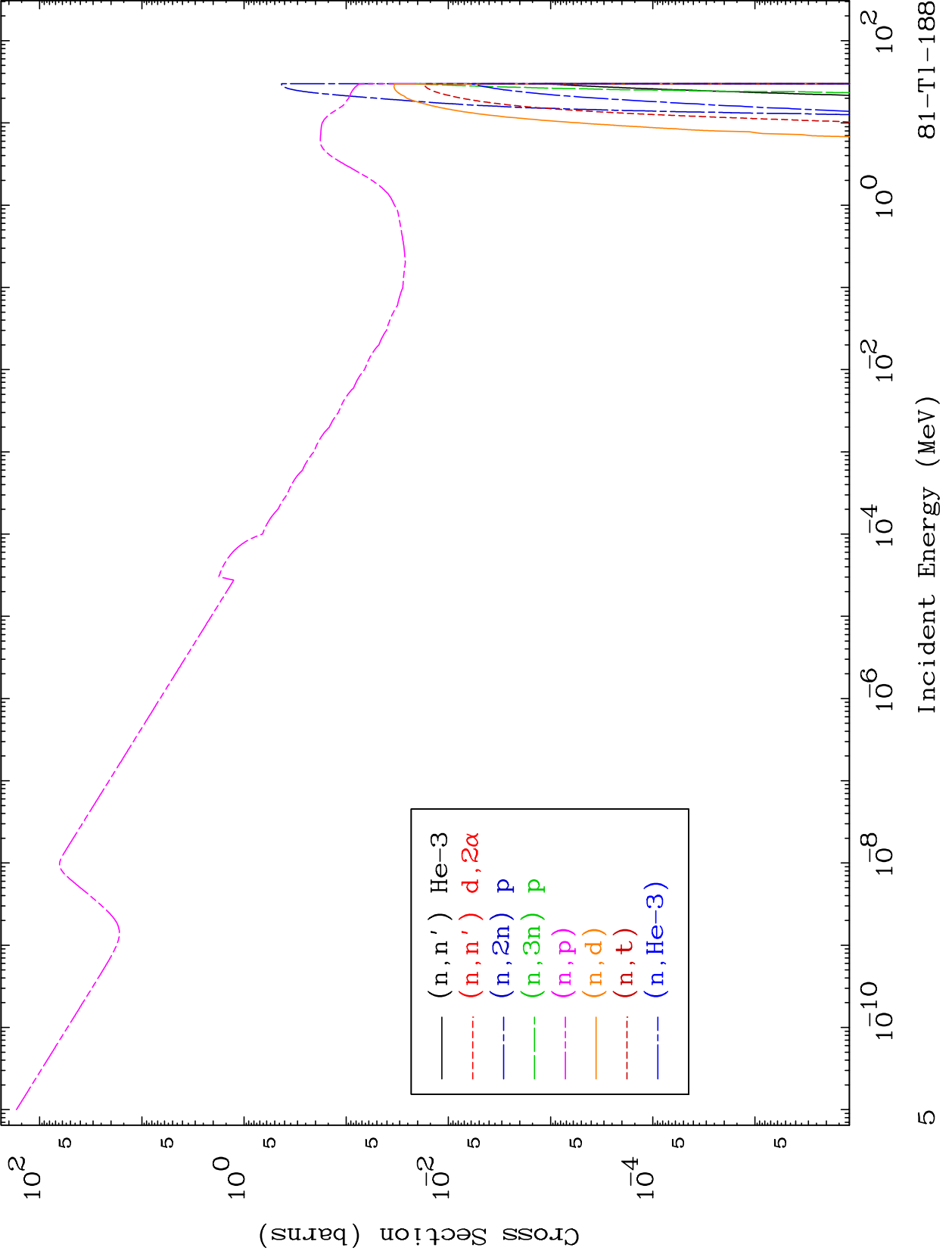


MAT 8080

Charged Particle
293 Kelvin Cross Sections

81-Tl-188

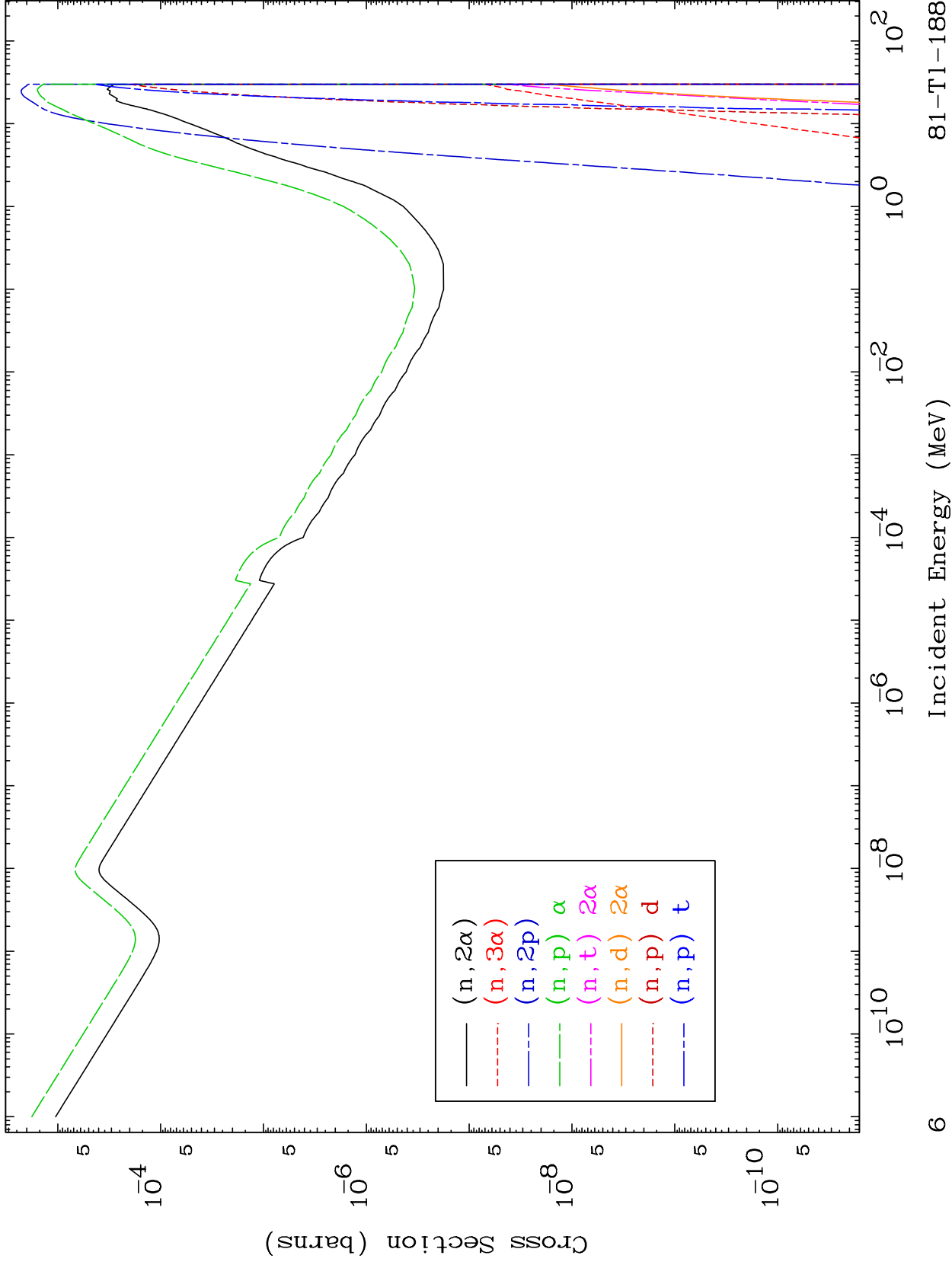




MAT 8080

Charged Particle
293 Kelvin Cross Sections

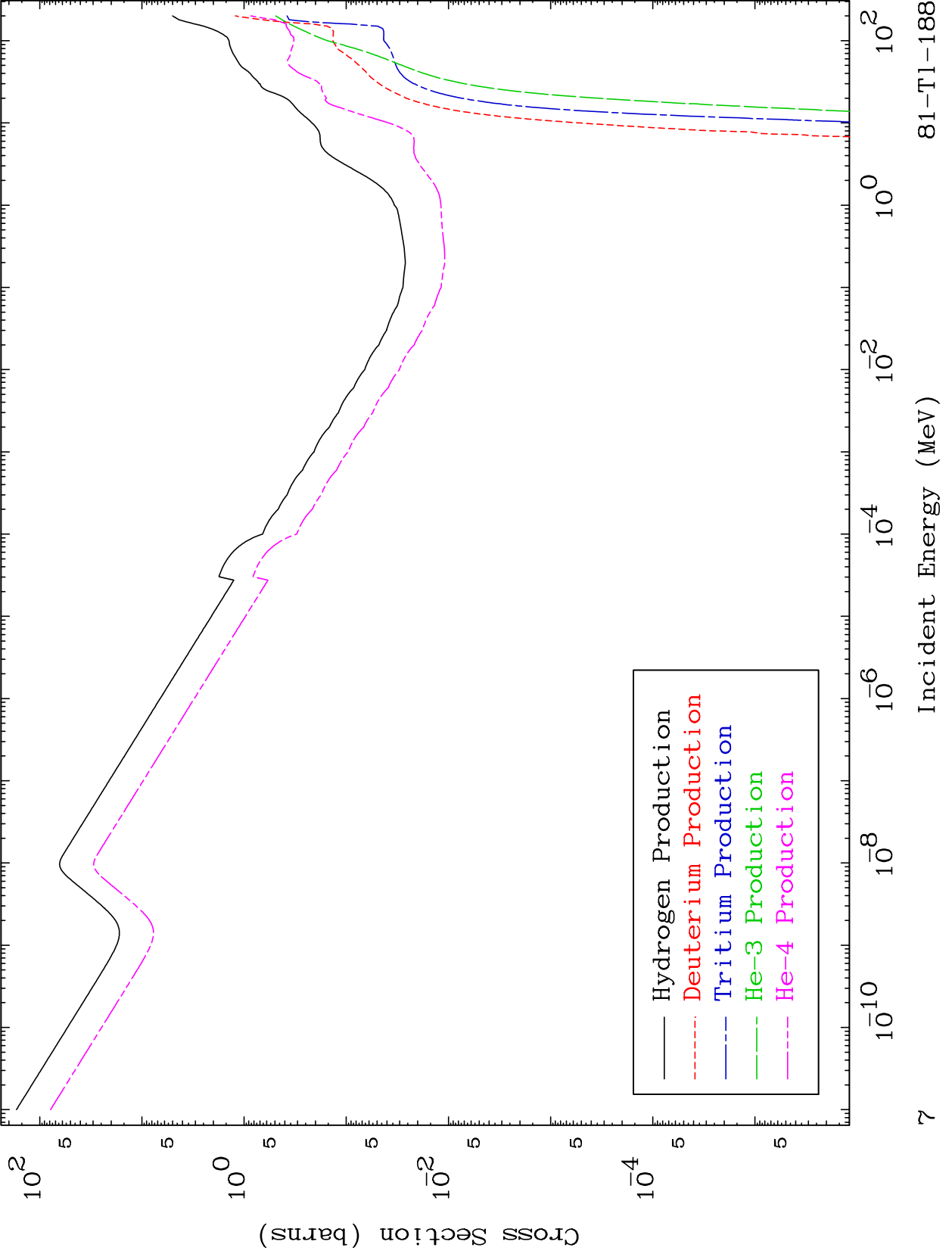
81-Tl-188



MAT 8080

Particle Production
293 Kelvin Cross Sections

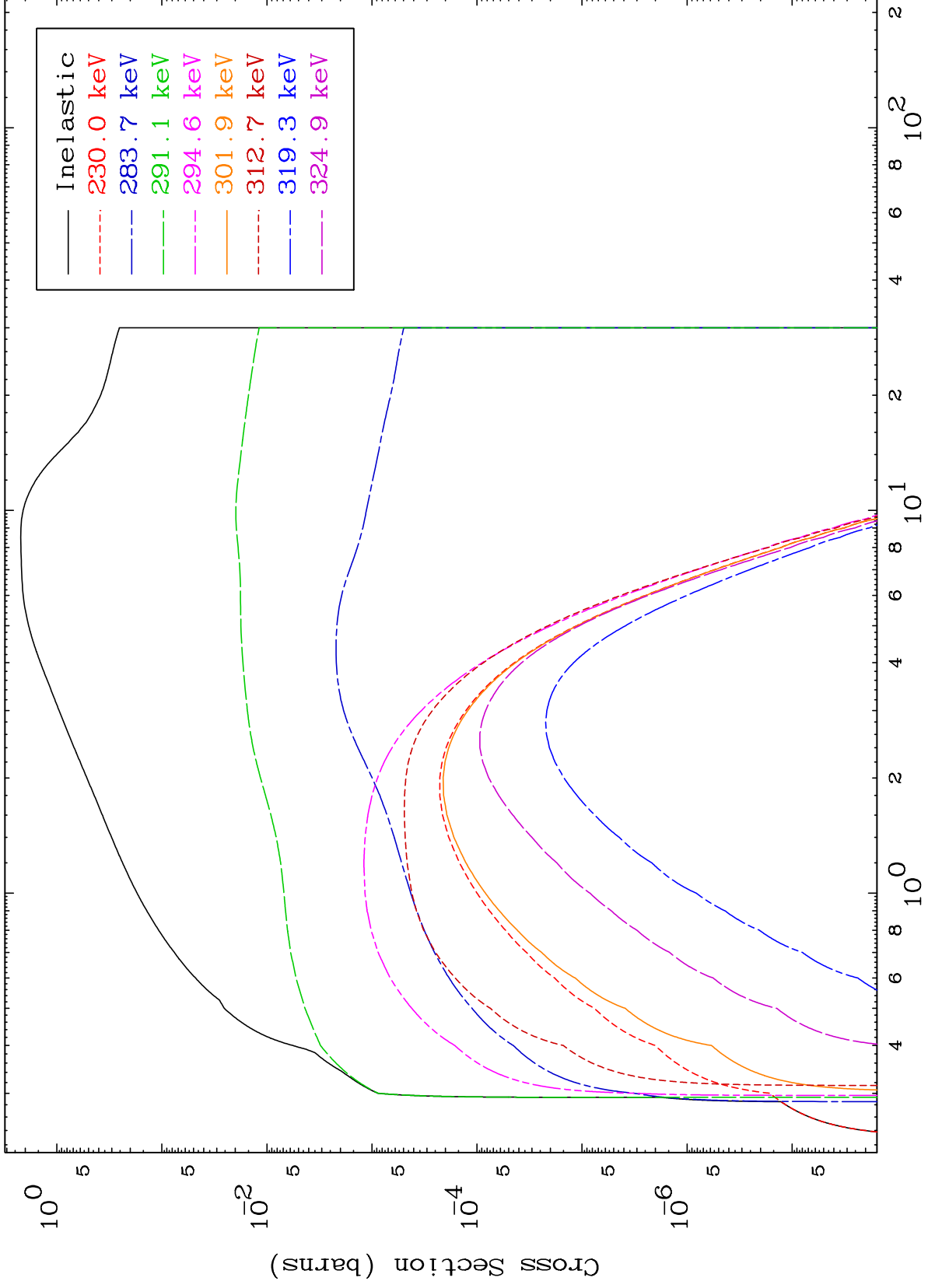
81-T1-188



MAT 8080

(n,n') Level
293 Kelvin Cross Sections

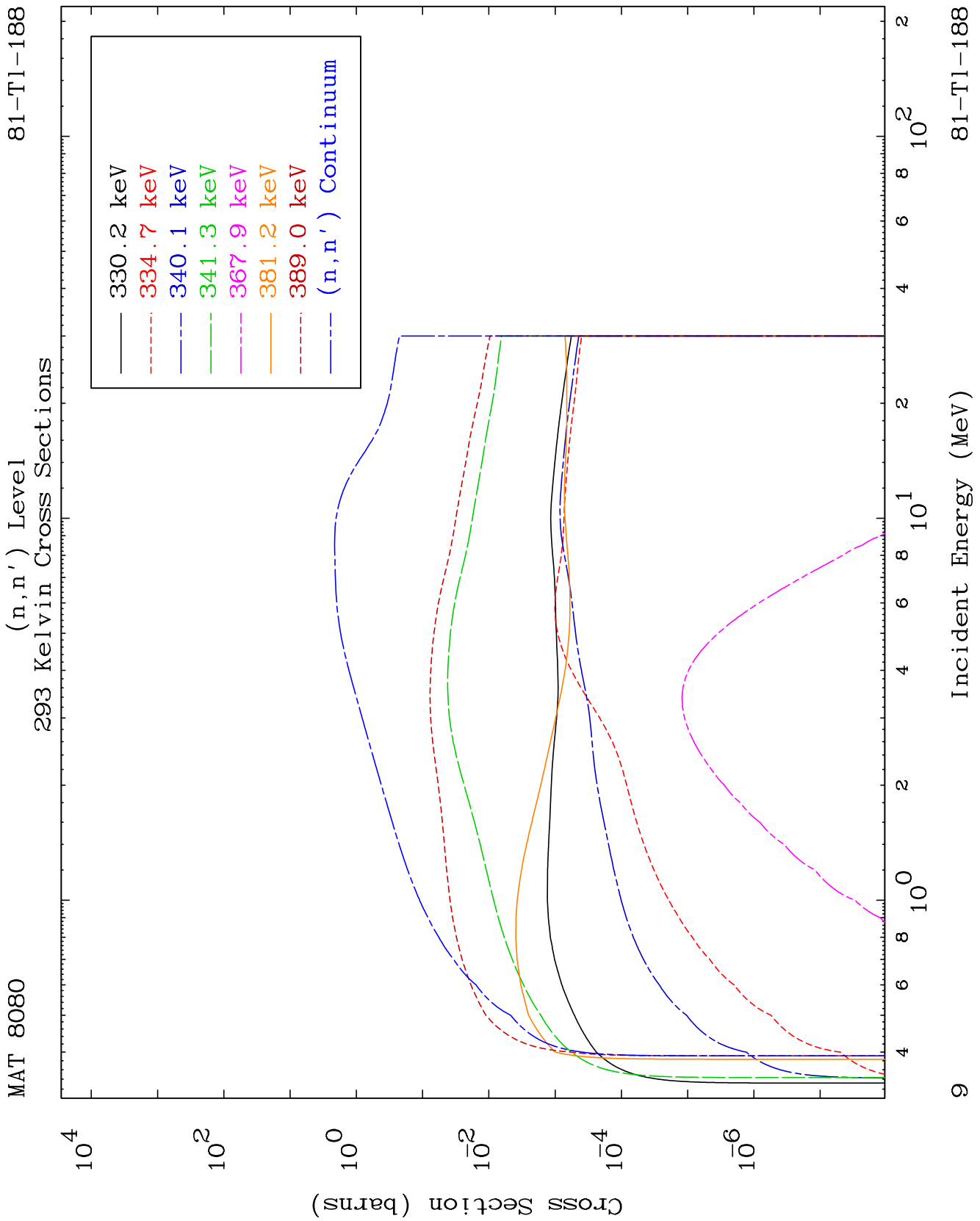
81-Tl-188



8

Incident Energy (MeV)

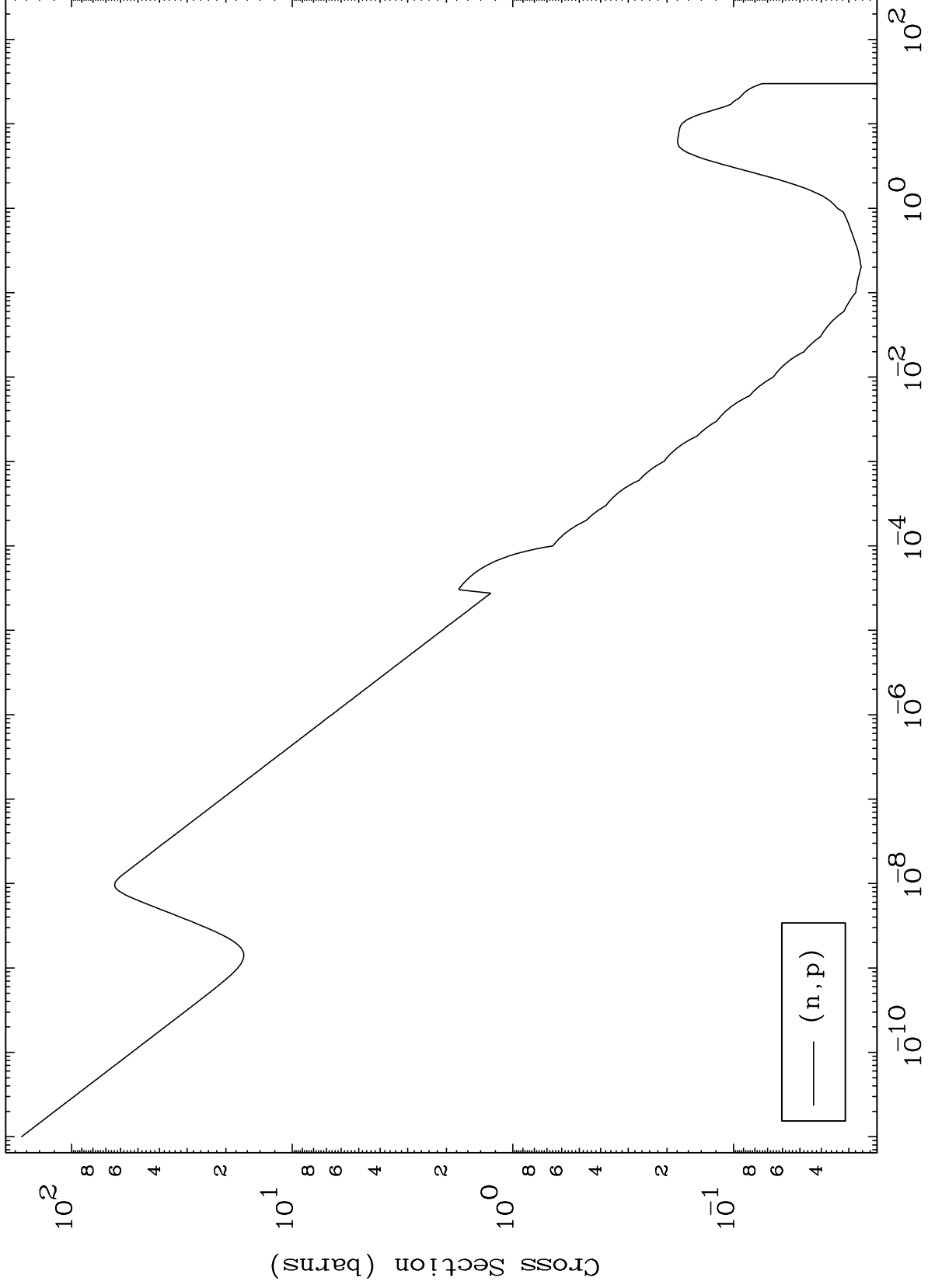
81-Tl-188



MAT 8080

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-188



10

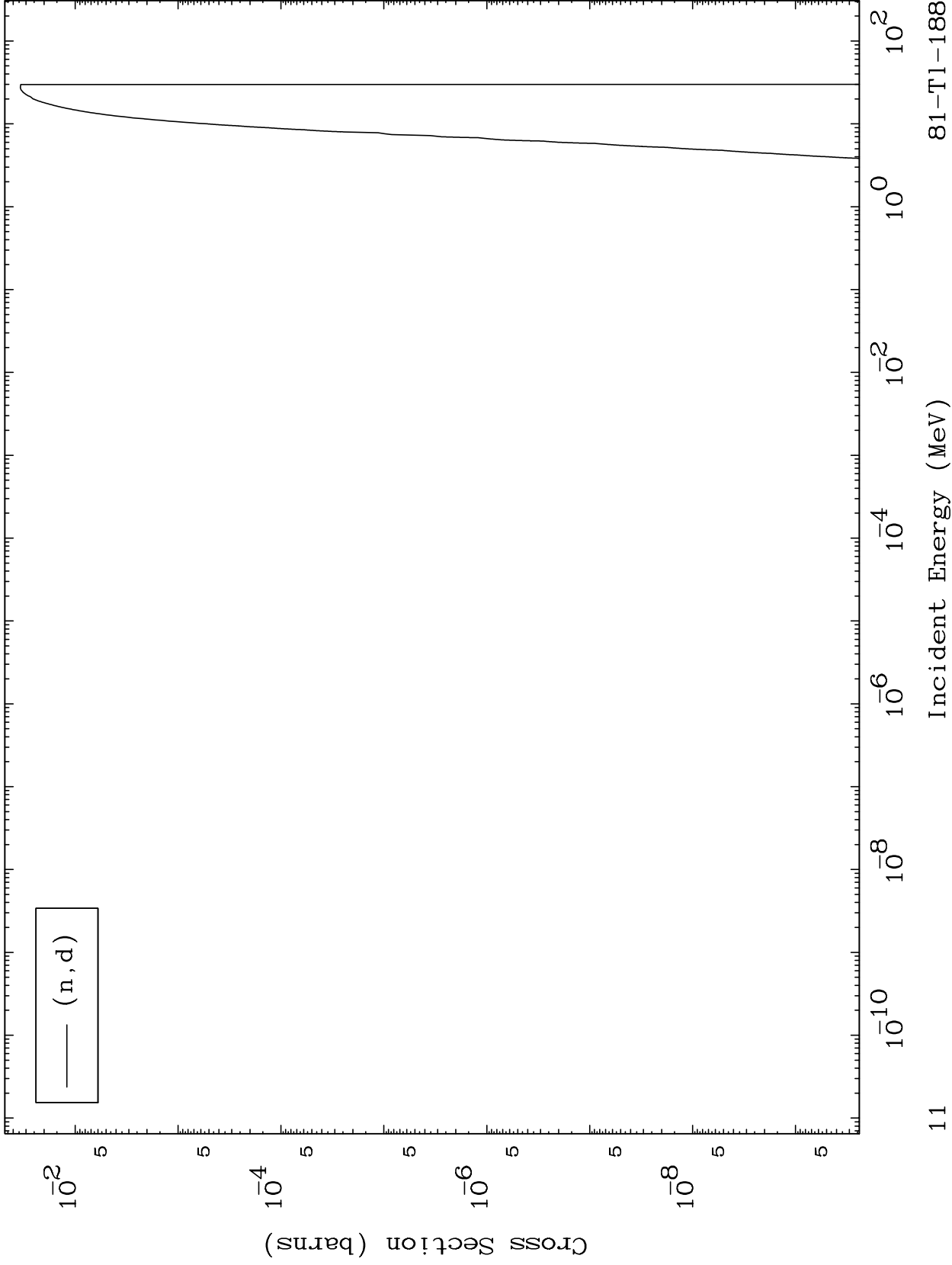
Incident Energy (MeV)

81-Tl-188

MAT 8080

(n,d) Levels
293 Kelvin Cross Sections

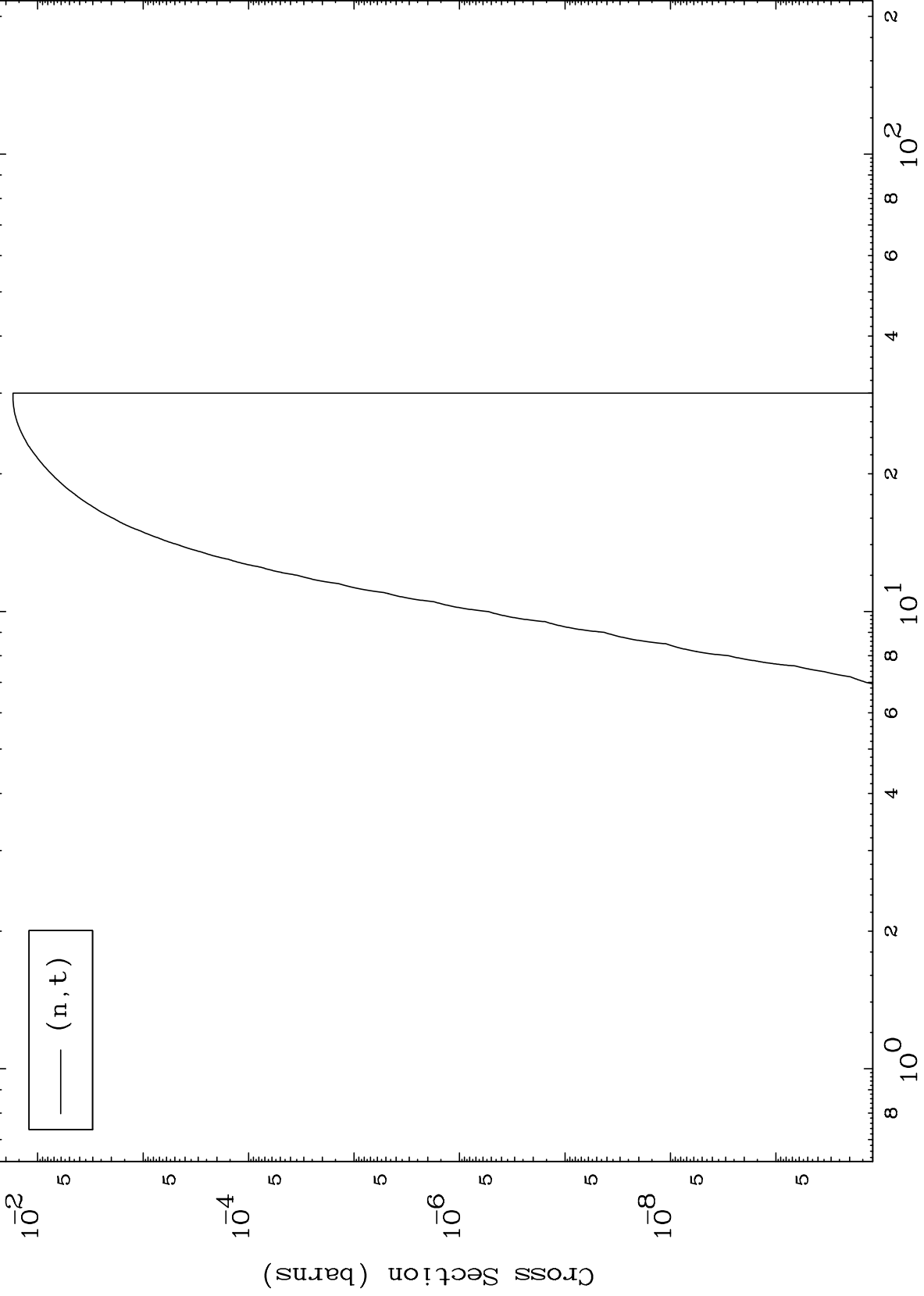
81-Tl-188



MAT 8080

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-188



12

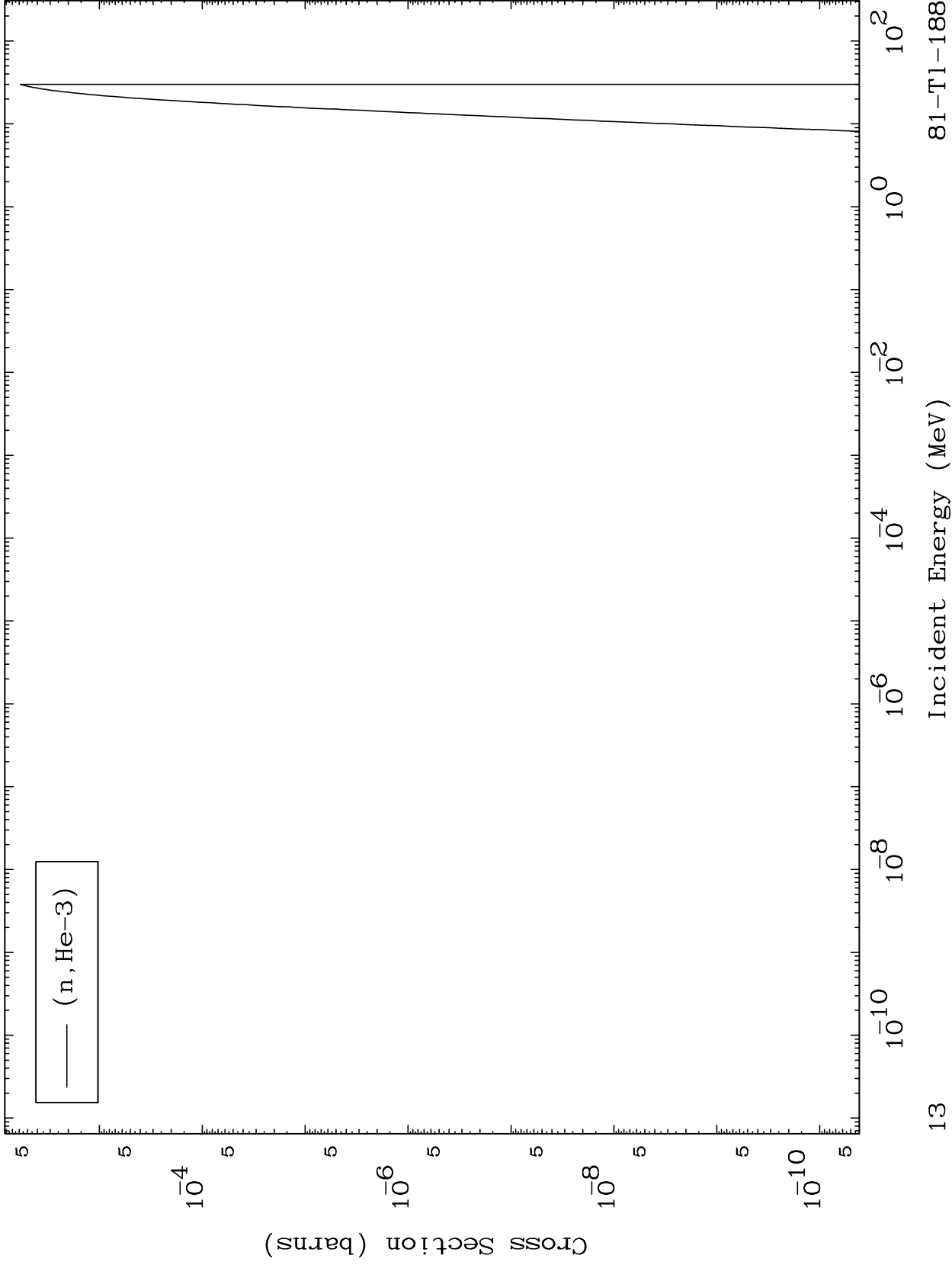
Incident Energy (MeV)

81-Tl-188

MAT 8080

(n,He3) Levels
293 Kelvin Cross Sections

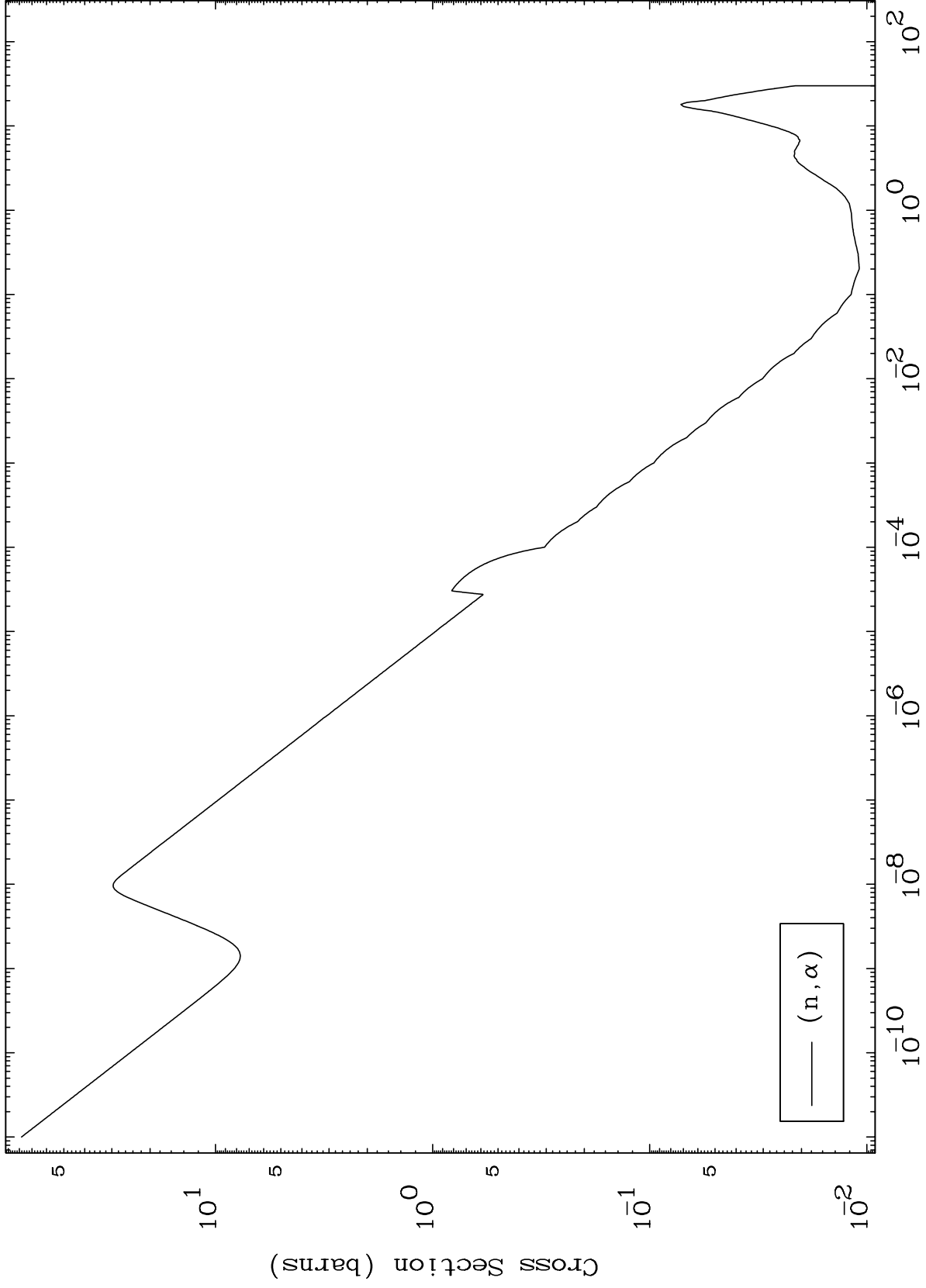
81-Tl-188



MAT 8080

(n, α) Levels
293 Kelvin Cross Sections

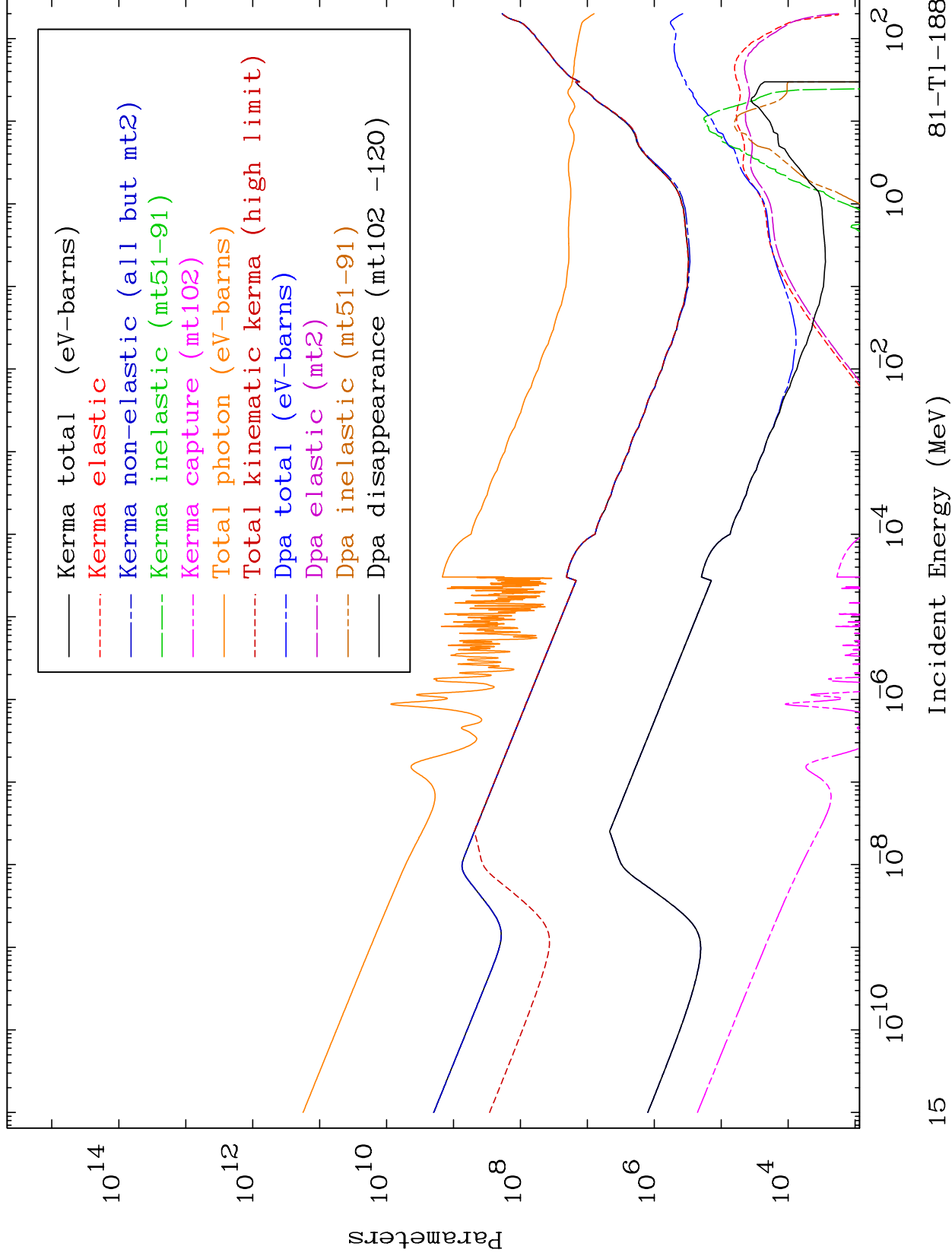
81-Tl-188



14

Incident Energy (MeV)

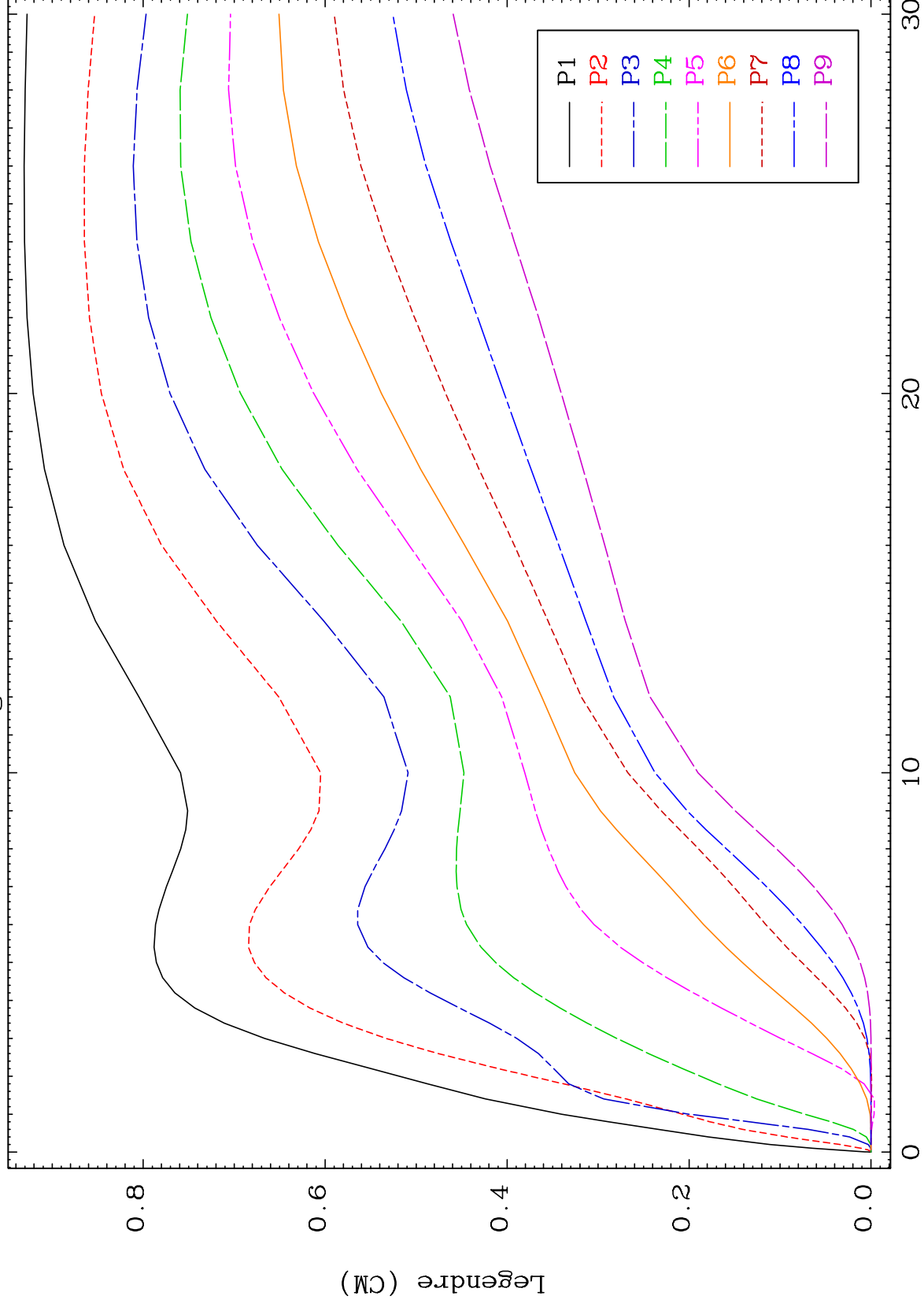
81-Tl-188



MAT 8080

Elastic Legendre Coefficients

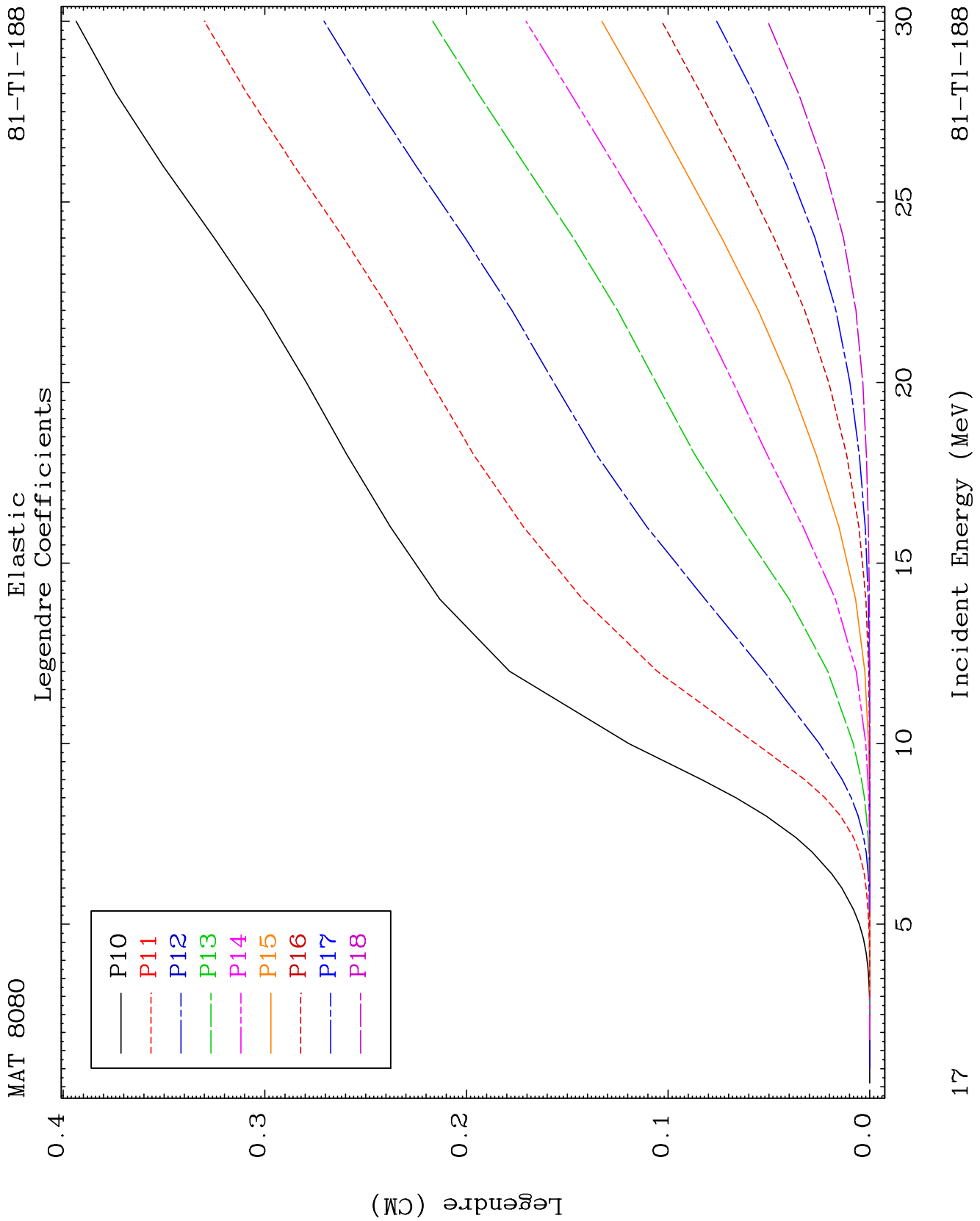
81-Tl-188



16

Incident Energy (MeV)

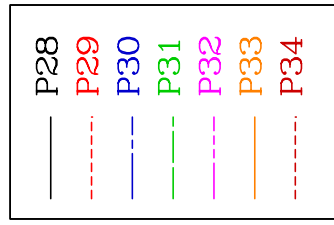
81-Tl-188



MAT 8080

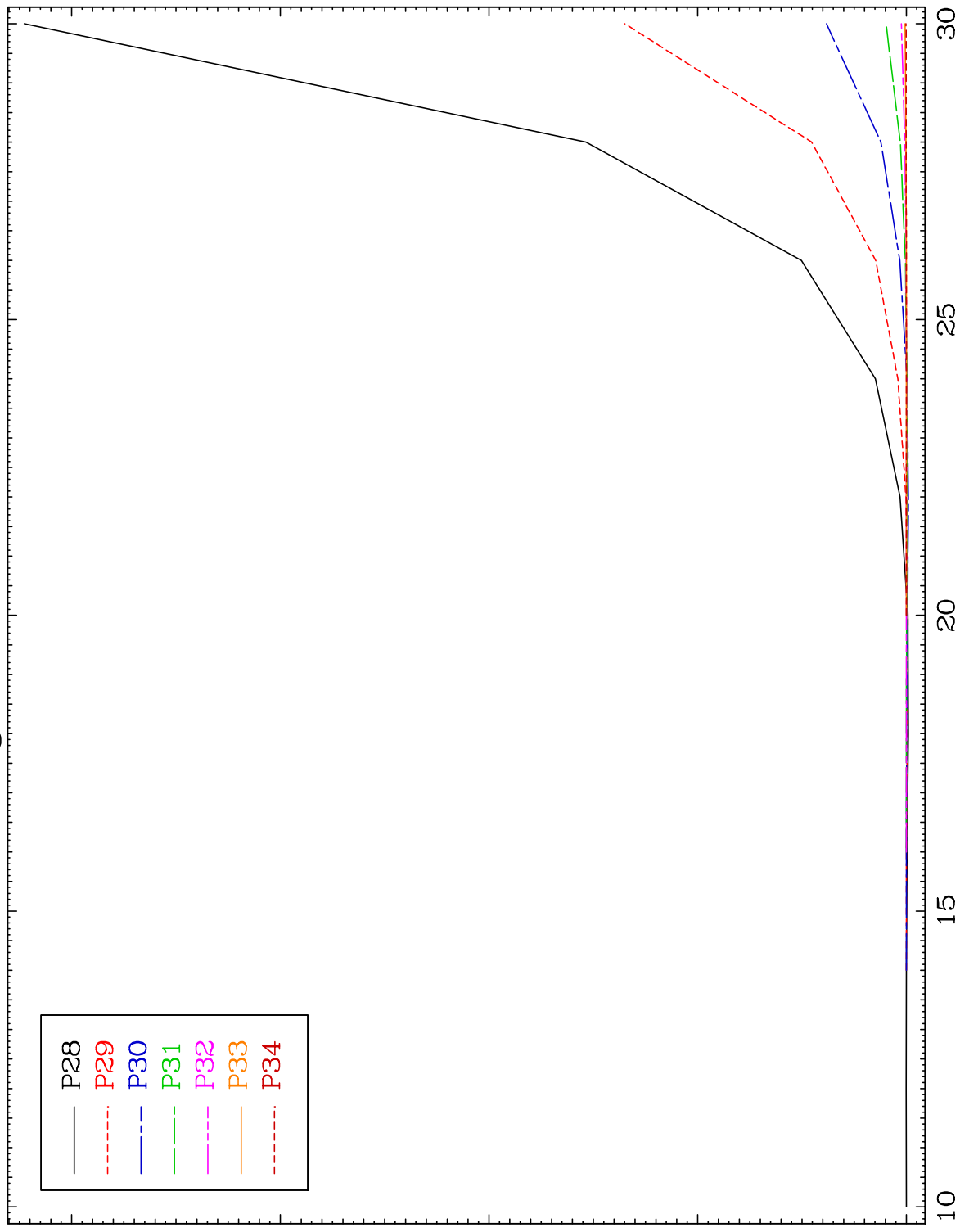
Elastic
Legendre Coefficients

81-Tl-188



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

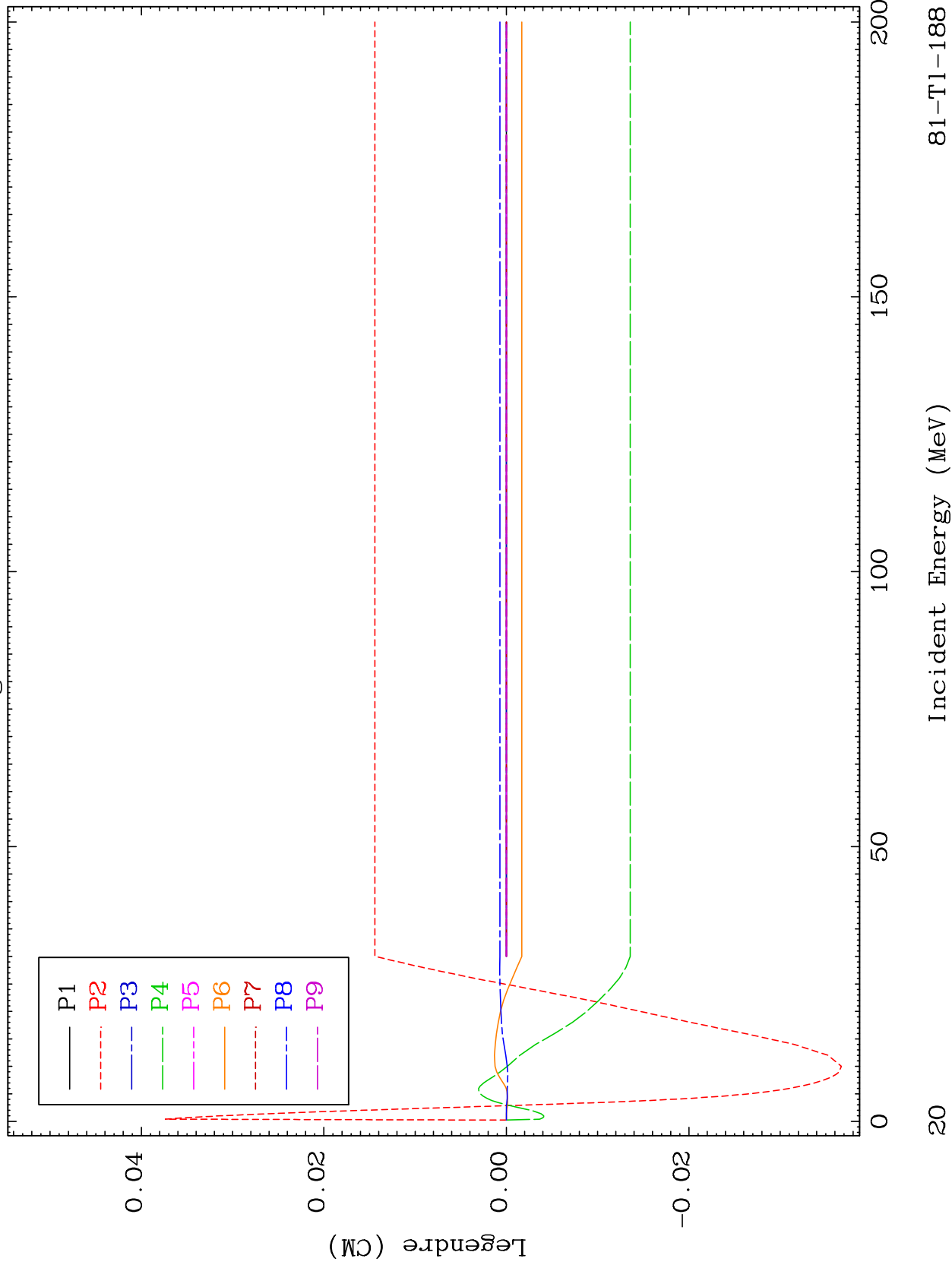
Incident Energy (MeV)

81-Tl-188

MAT 8080

230.0 keV (n,n') Level
Legendre Coefficients

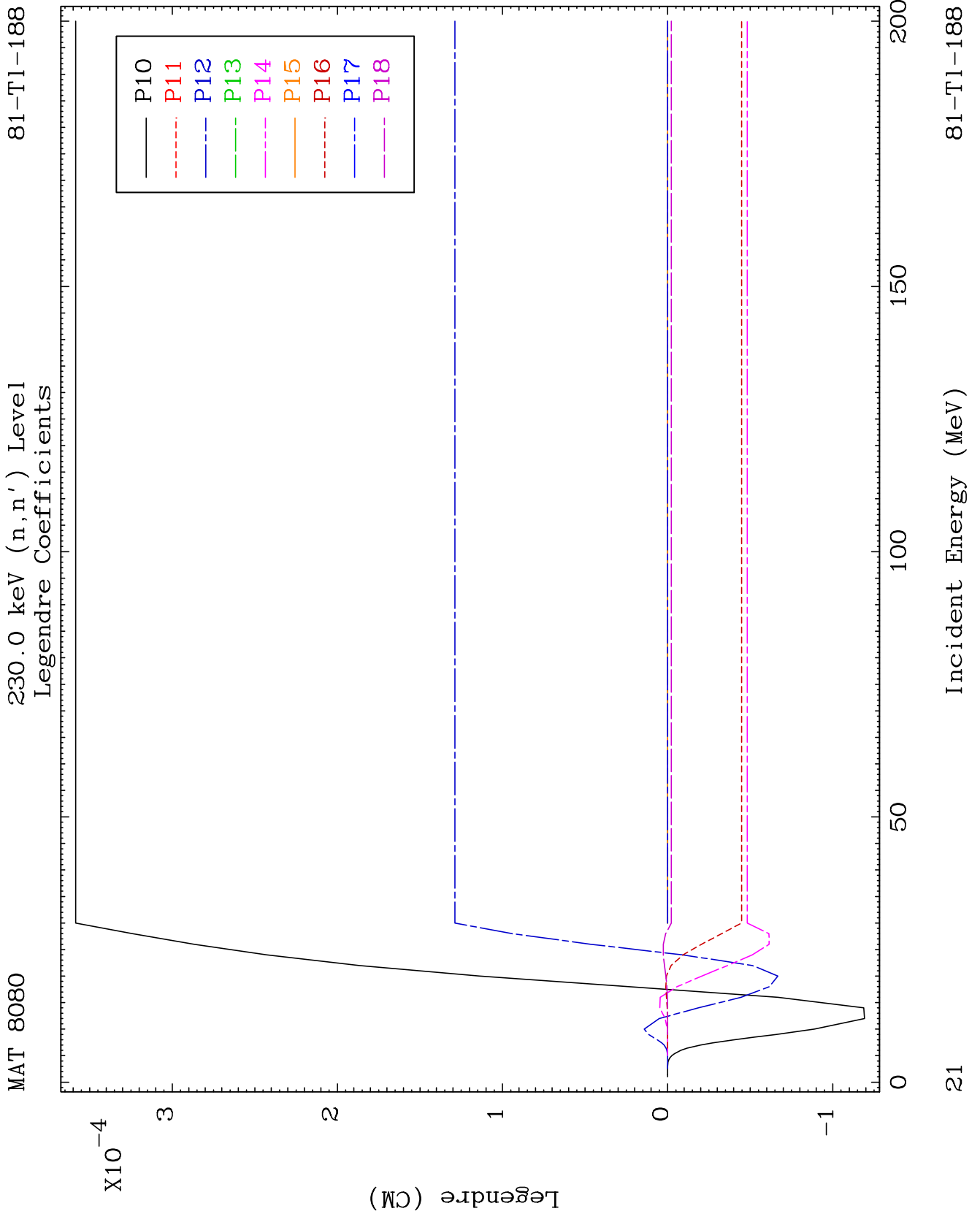
81-Tl-188

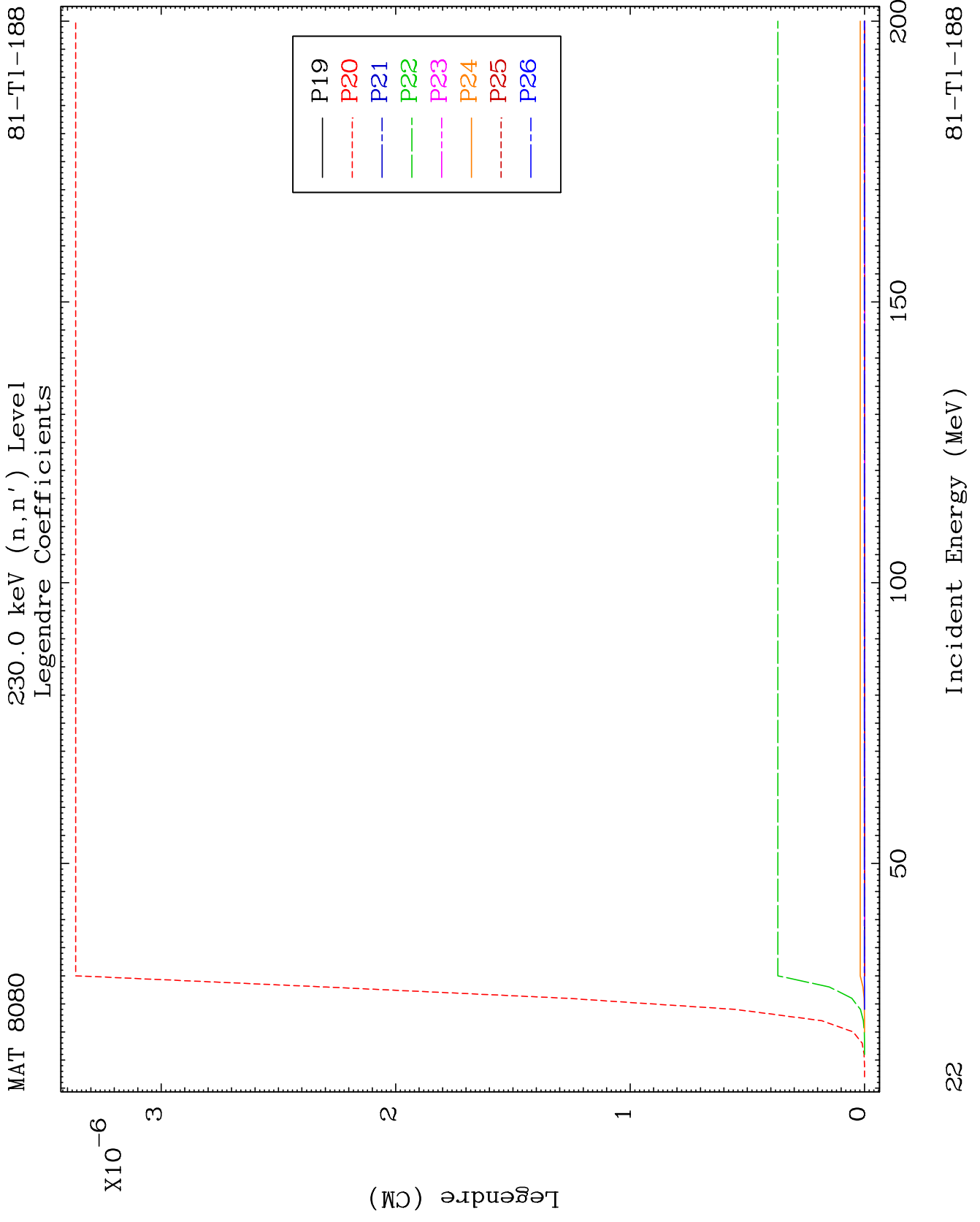


81-Tl-188

Incident Energy (MeV)

20

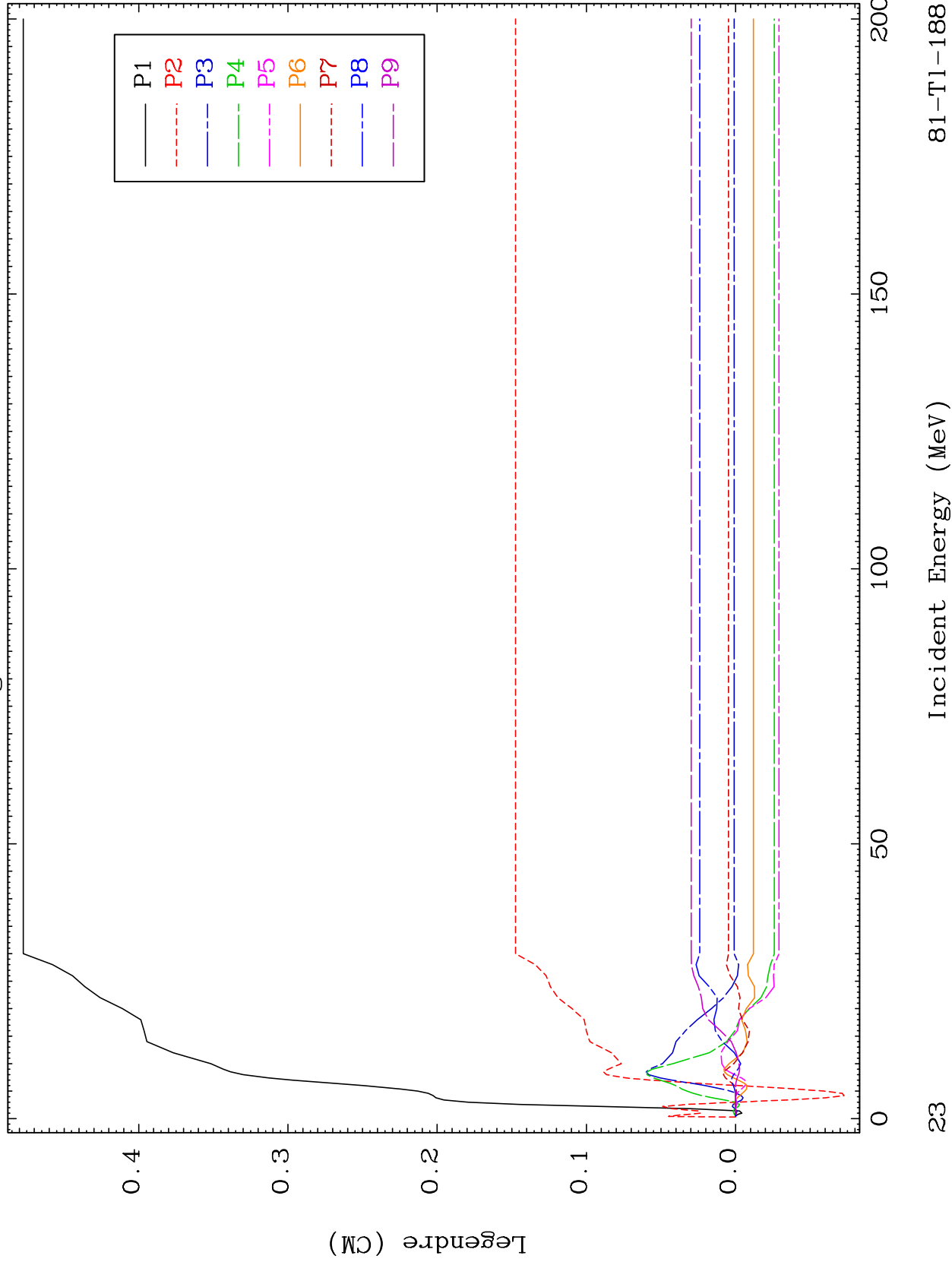




MAT 8080

283.7 keV (n,n') Level
Legendre Coefficients

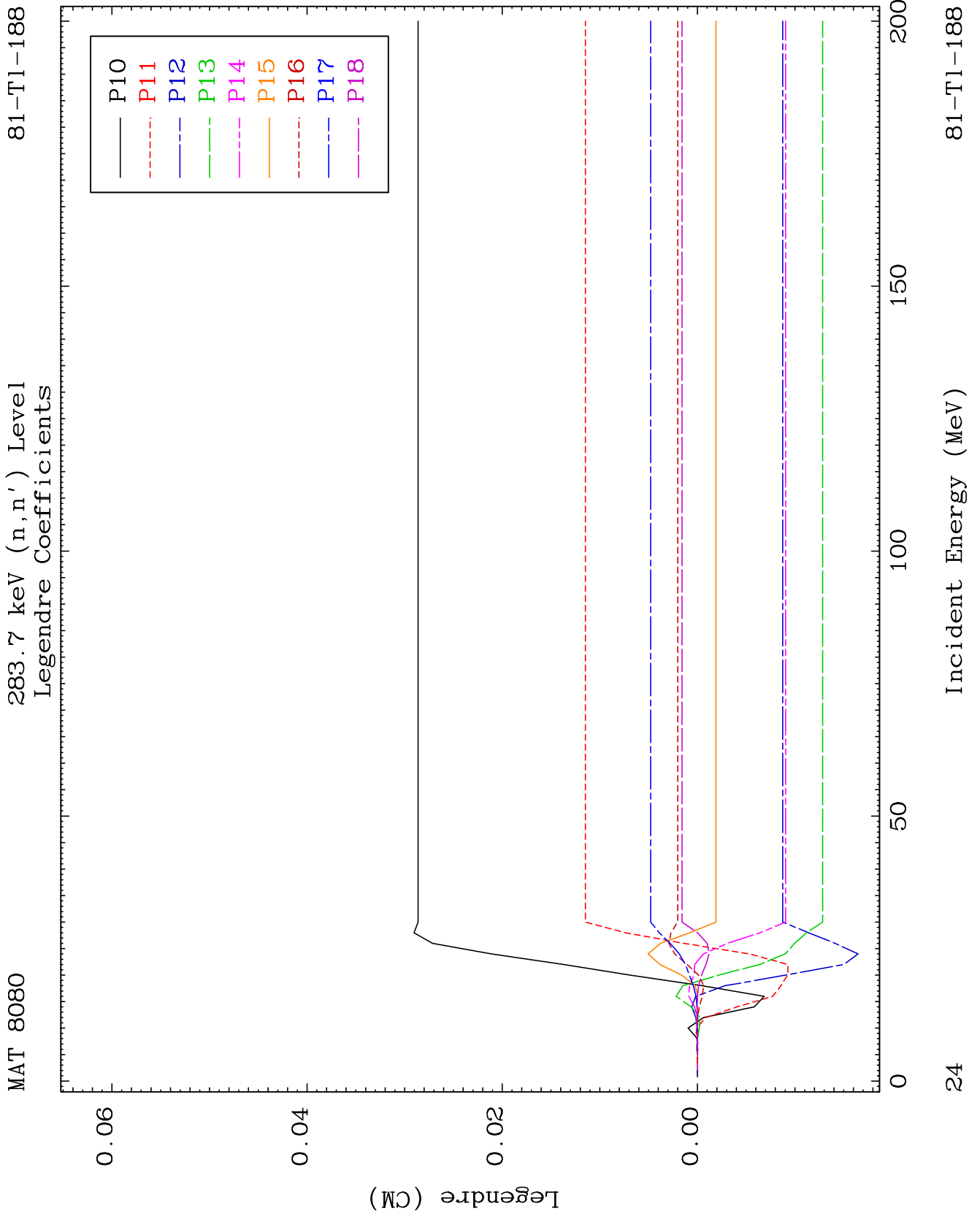
81-Tl-188

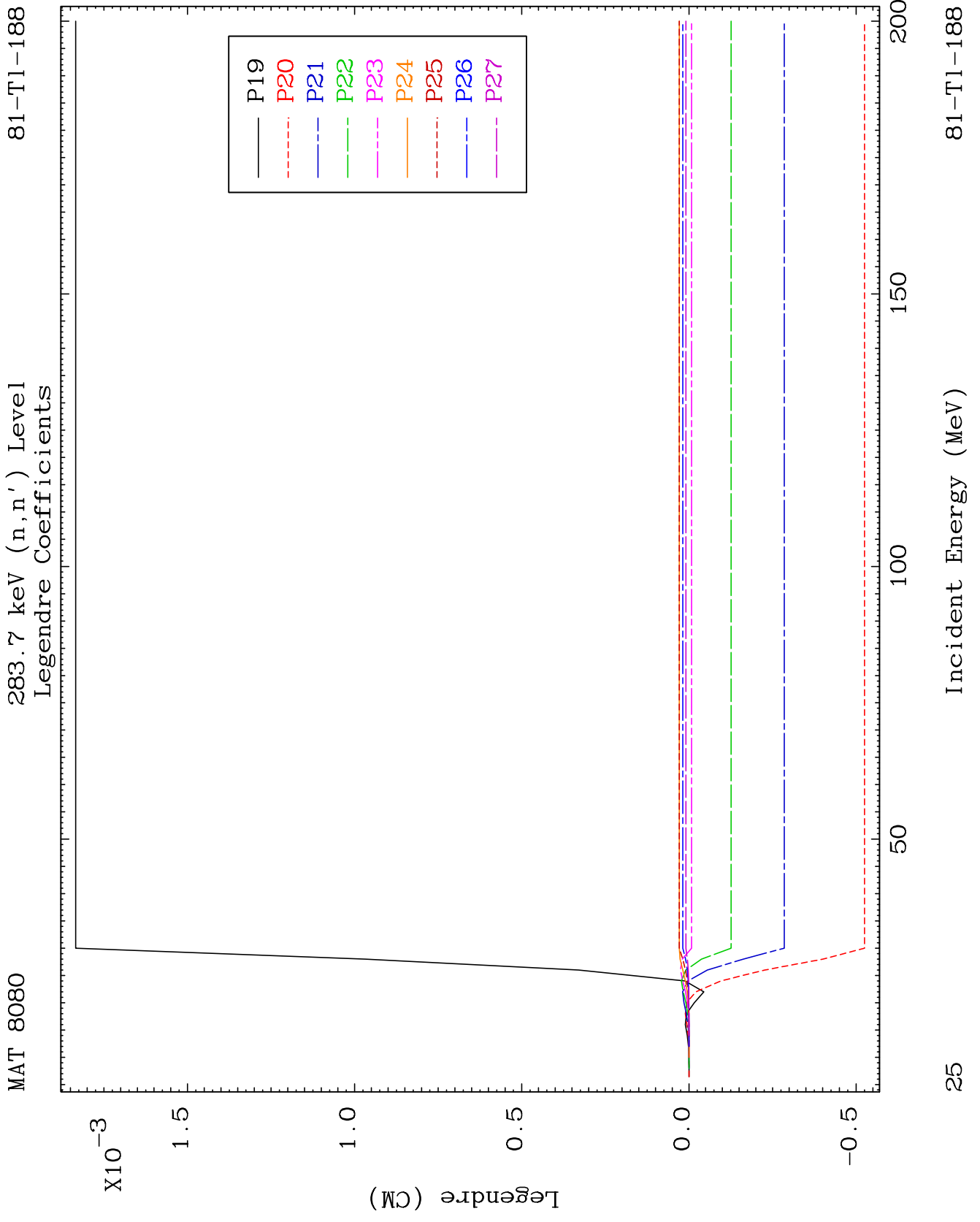


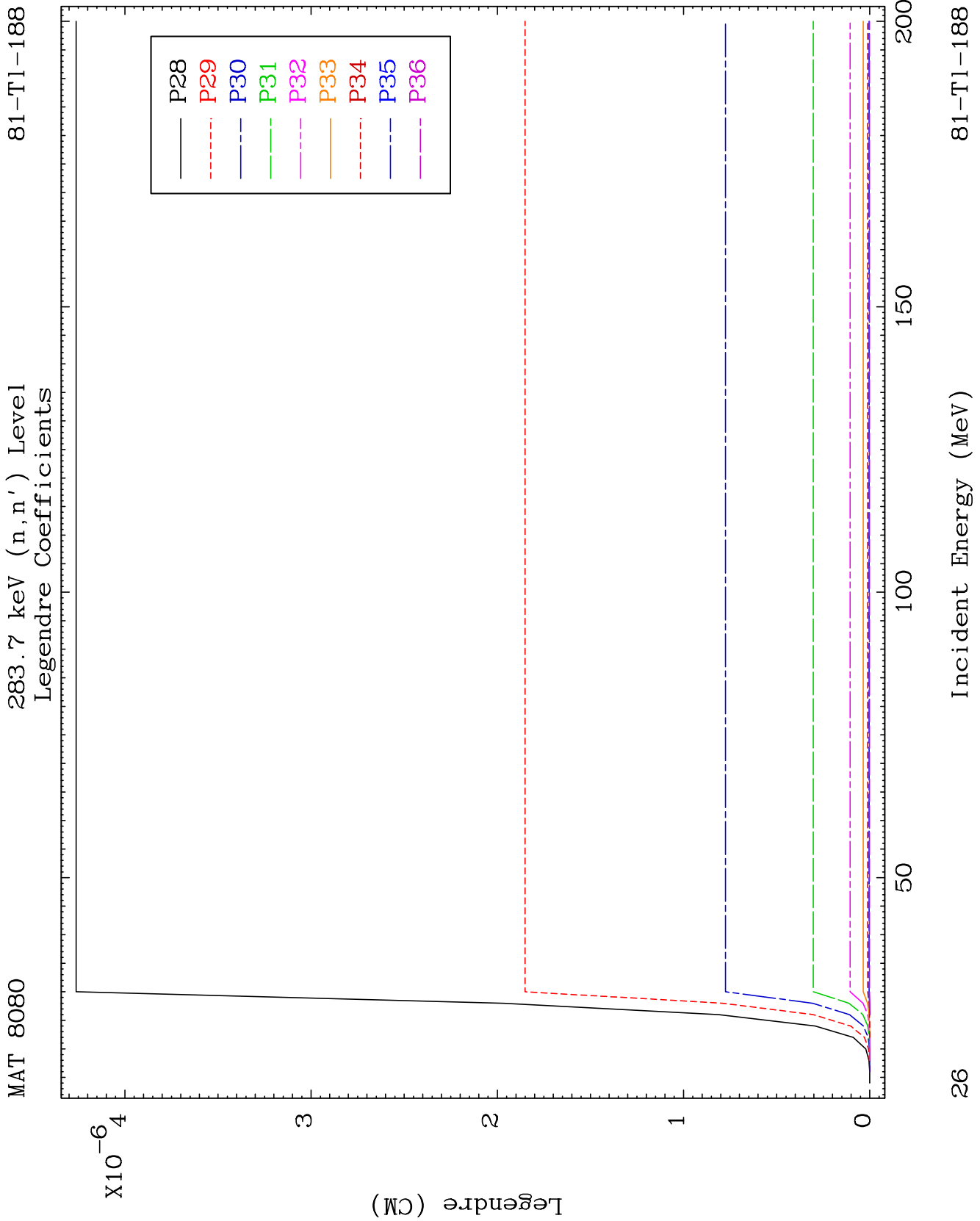
23

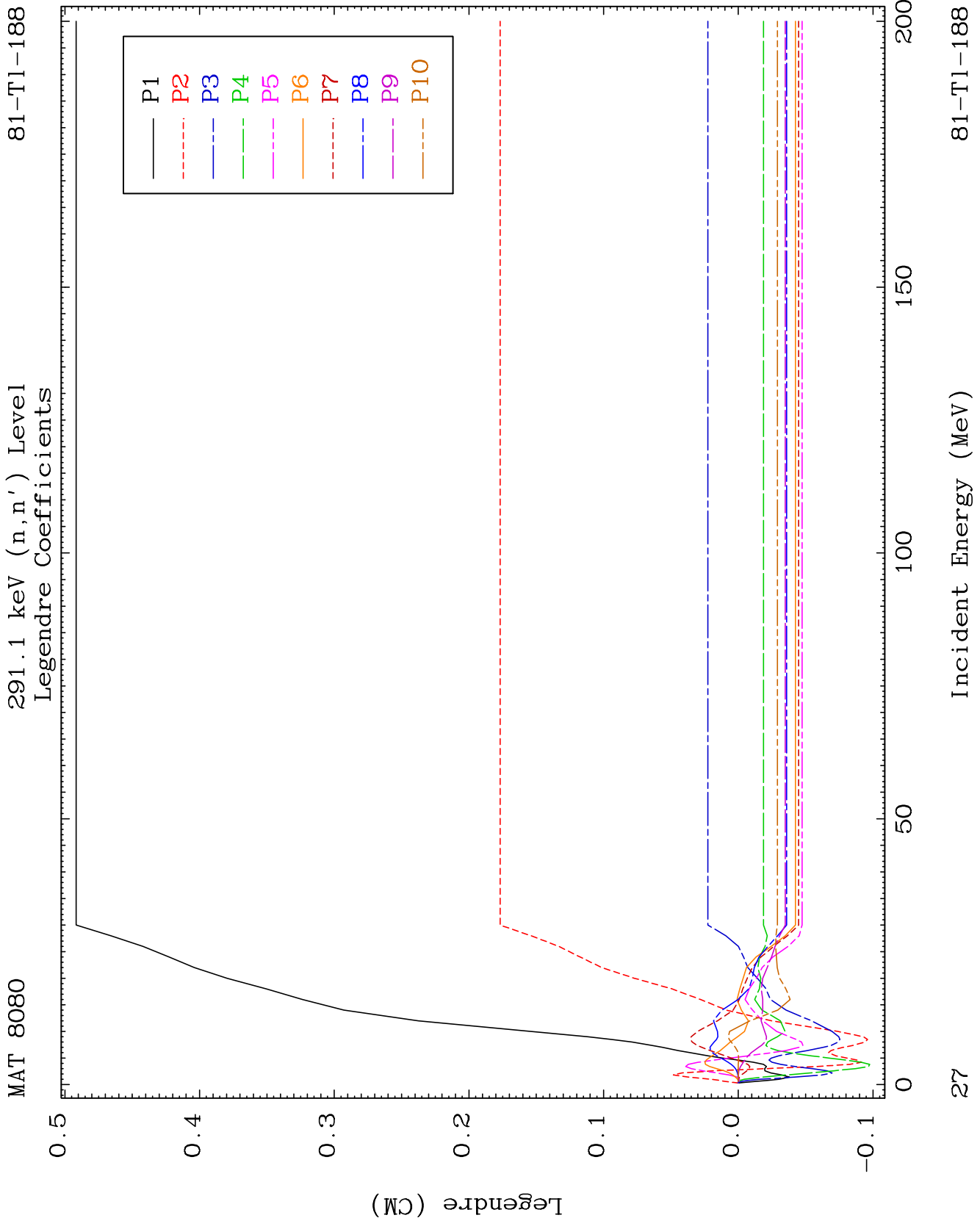
Incident Energy (MeV)

81-Tl-188





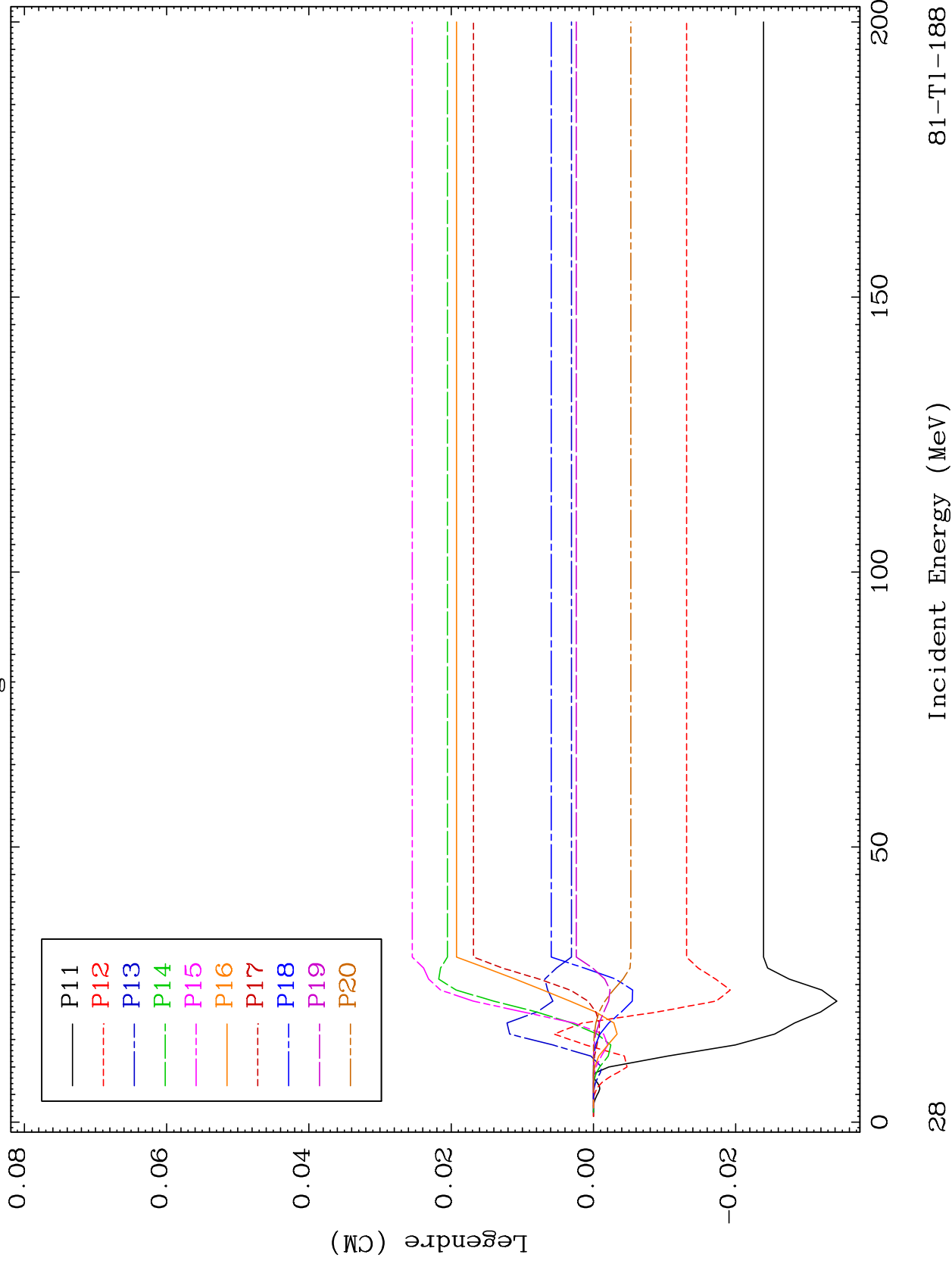




MAT 8080

291.1 keV (n,n') Level
Legendre Coefficients

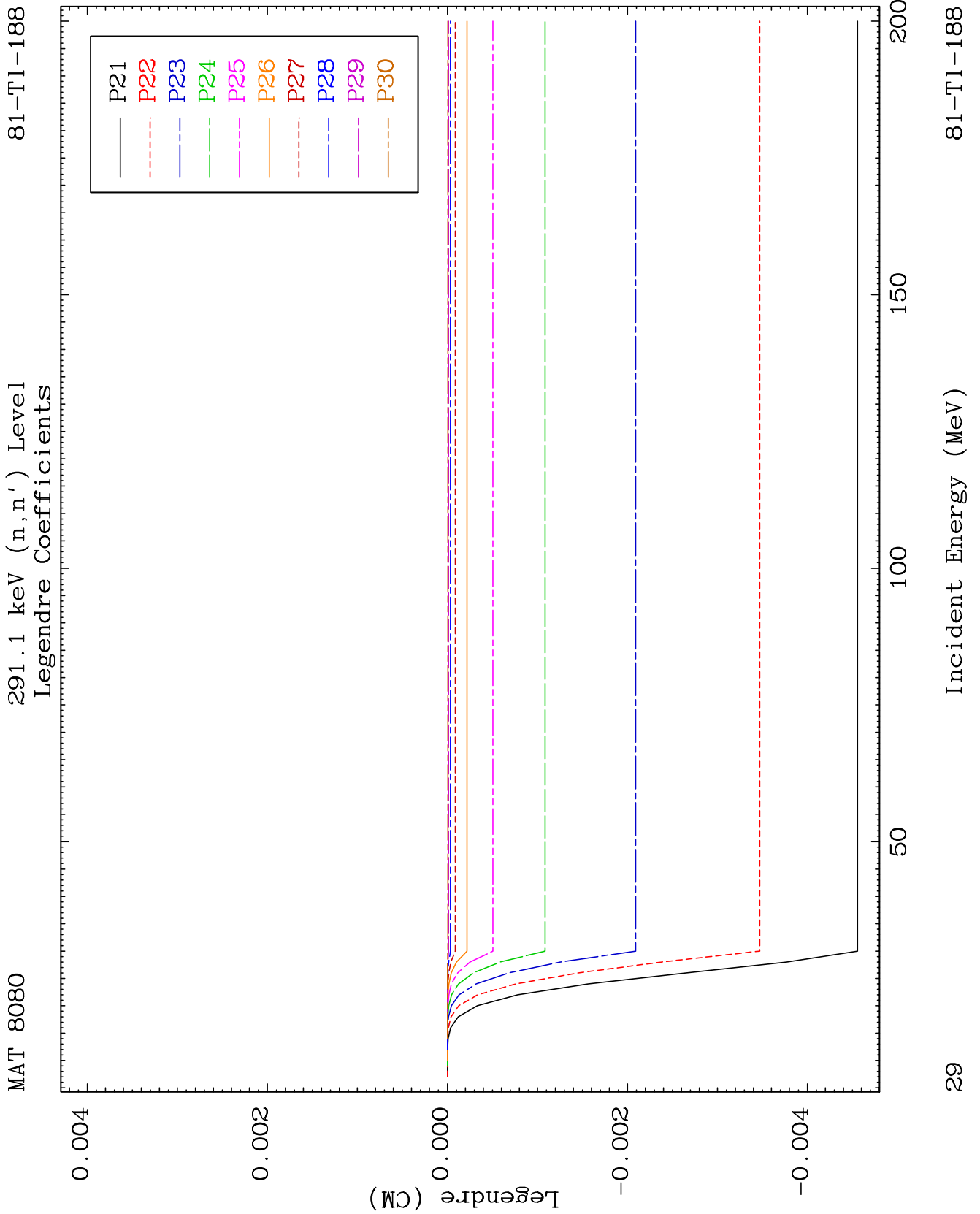
81-Tl-188

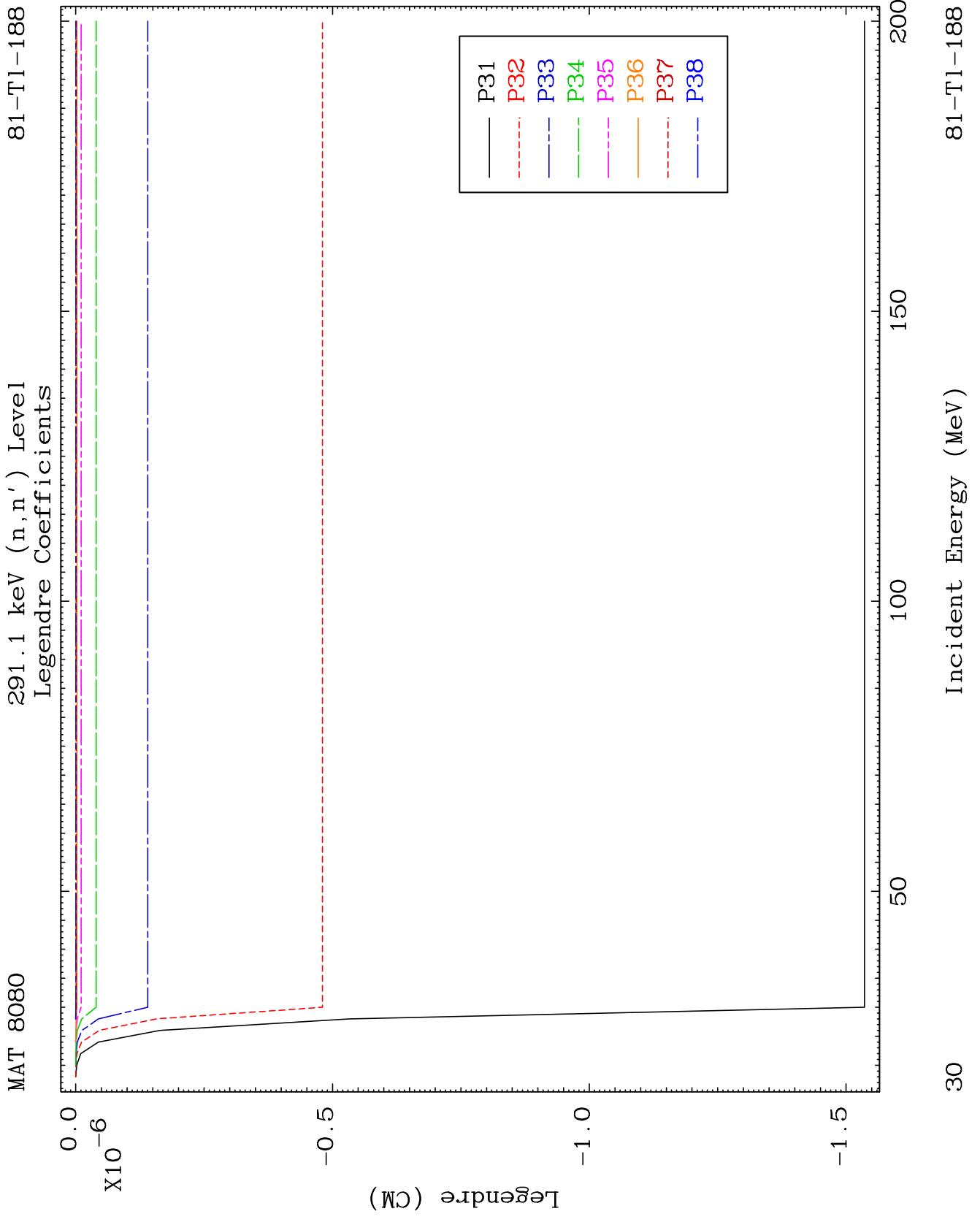


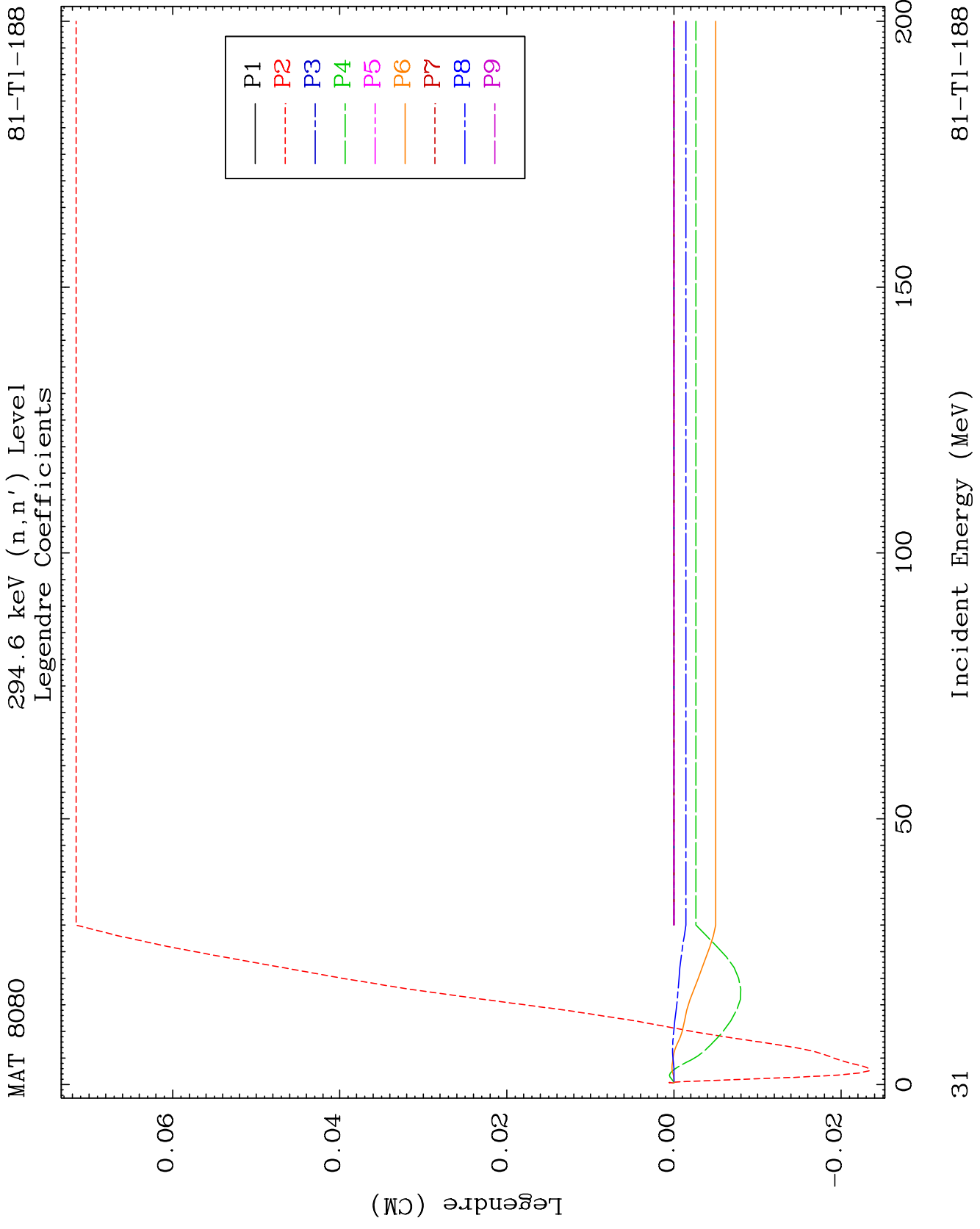
28

Incident Energy (MeV)

81-Tl-188



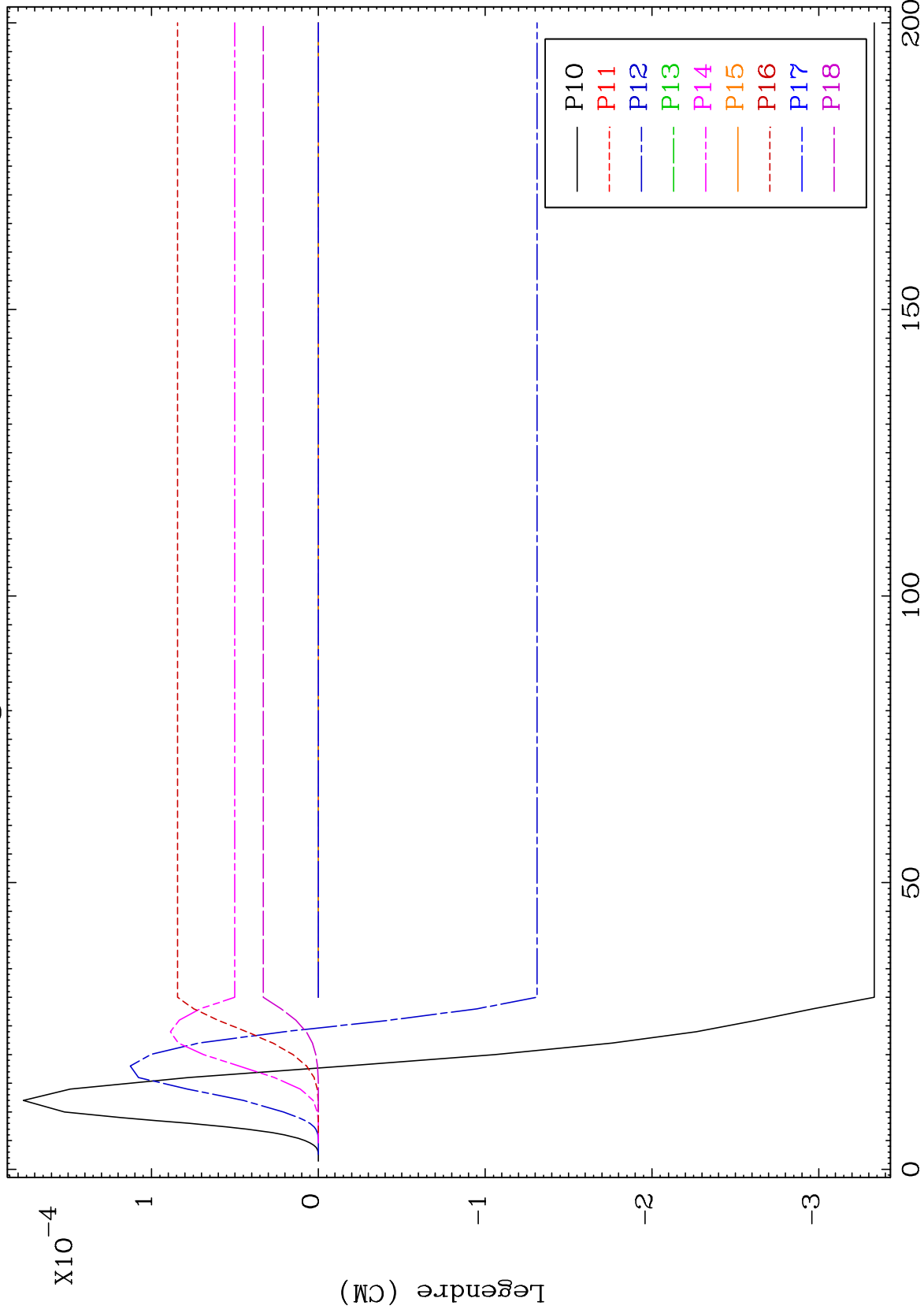




MAT 8080

294.6 keV (n,n') Level
Legendre Coefficients

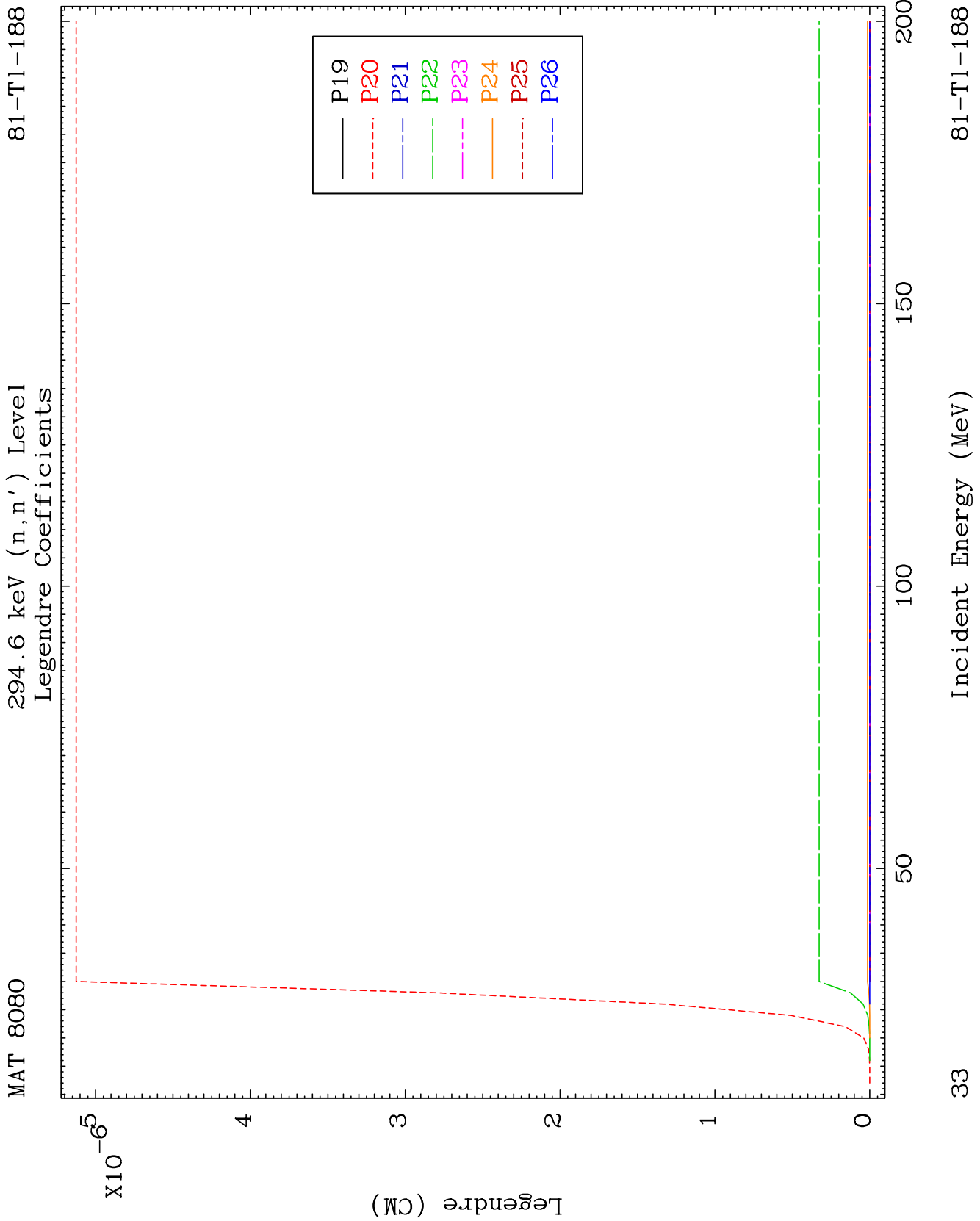
81-Tl-188



32

Incident Energy (MeV)

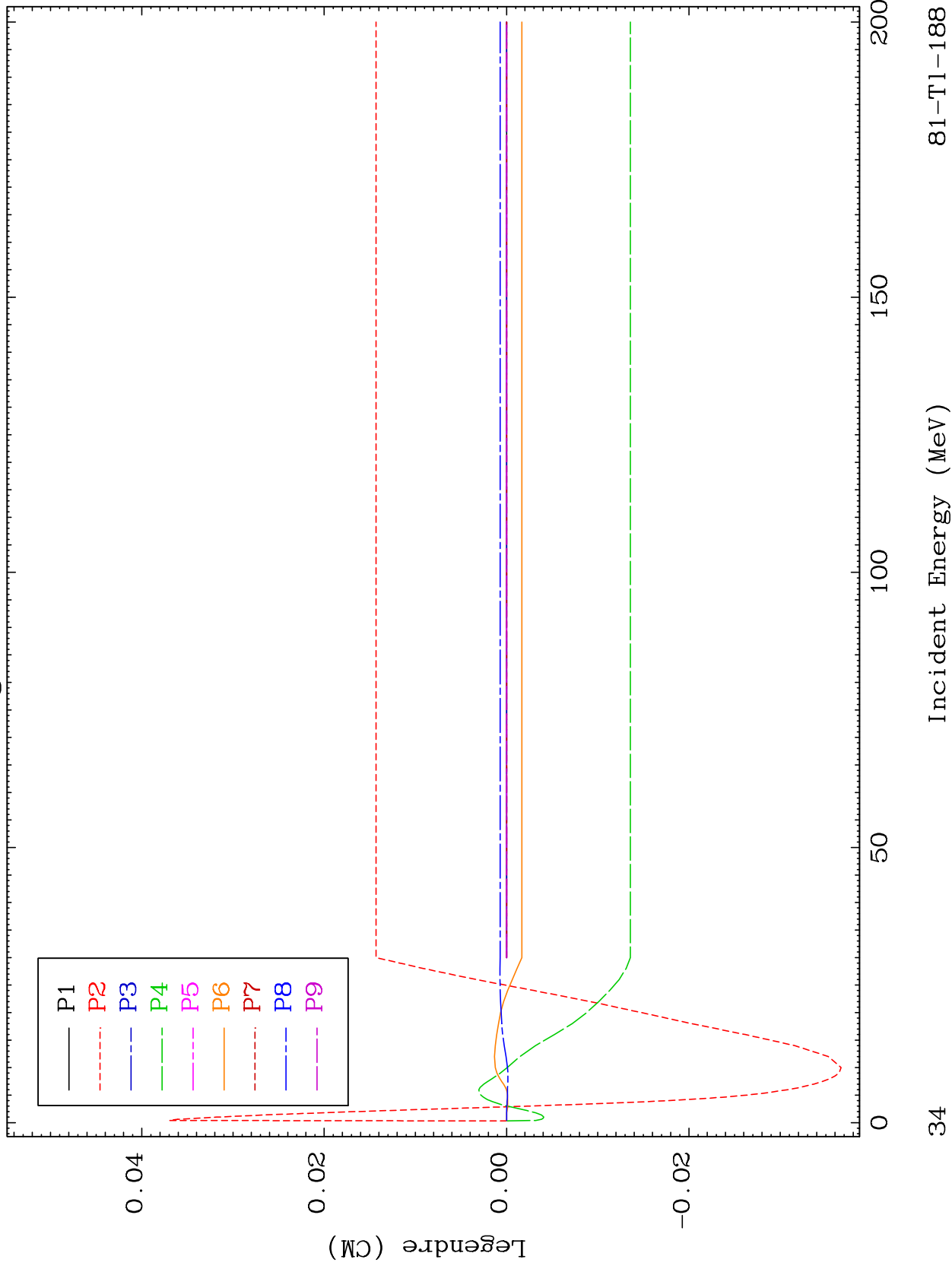
81-Tl-188



MAT 8080

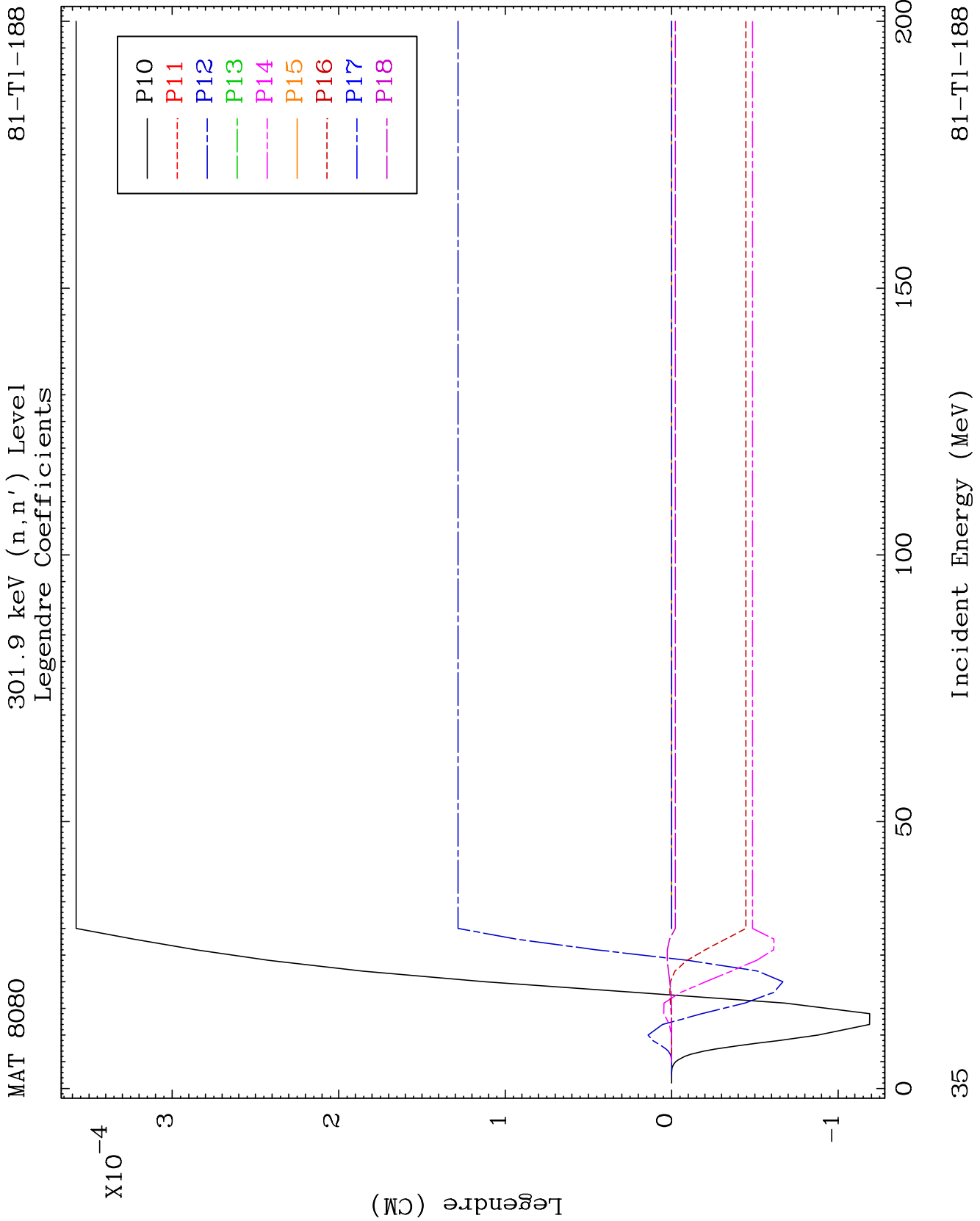
301.9 keV (n,n') Level
Legendre Coefficients

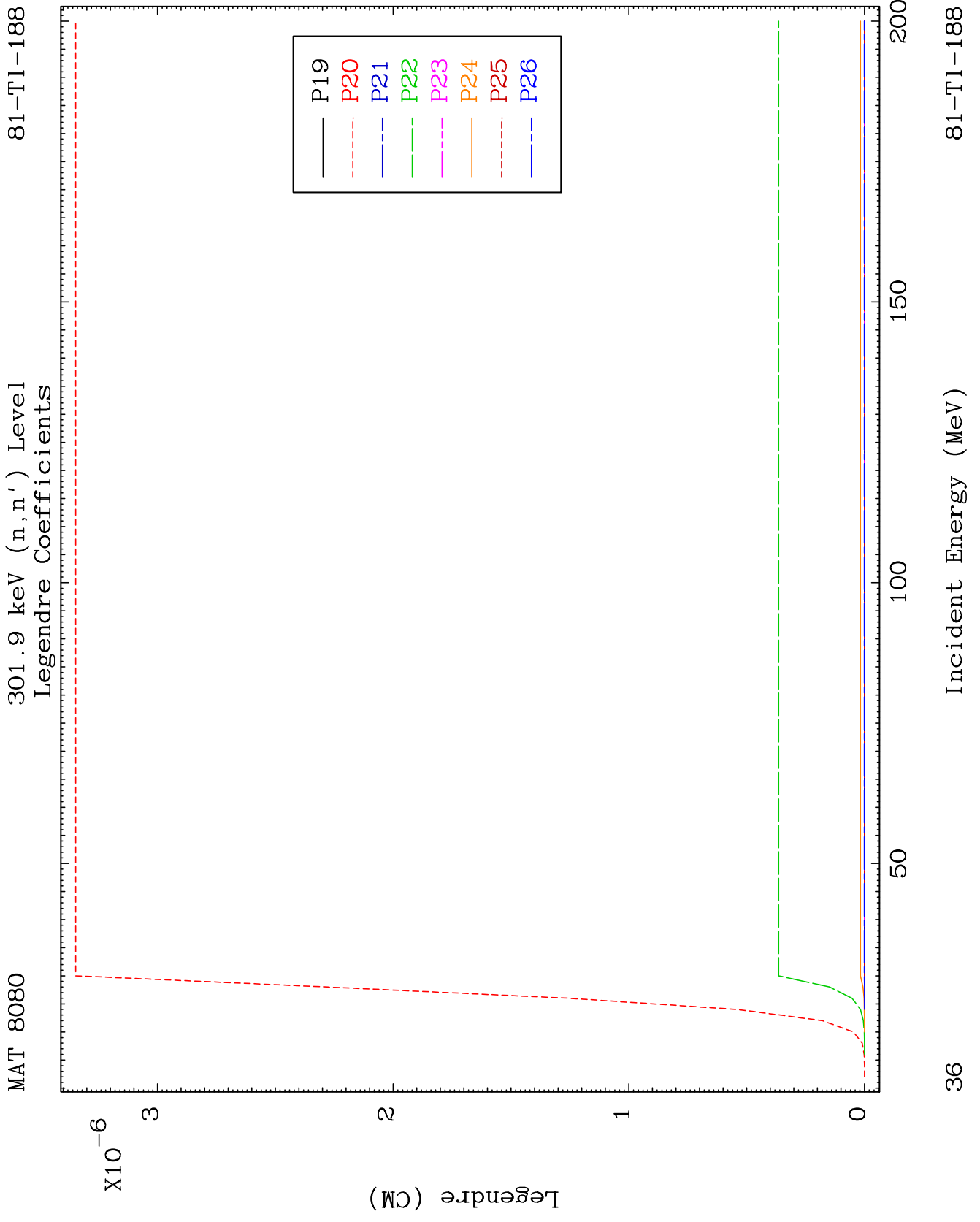
81-Tl-188



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81-Tl-188

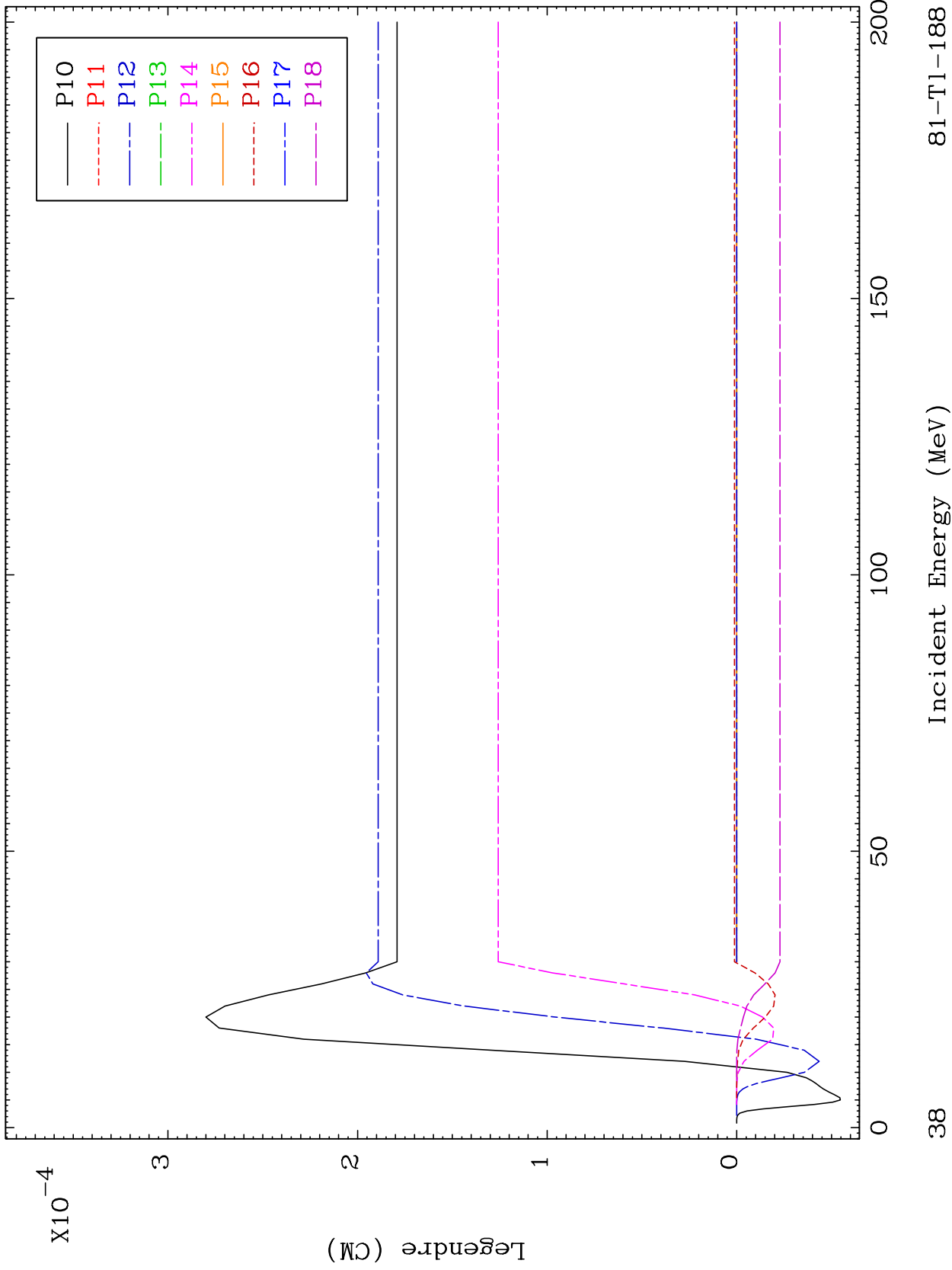


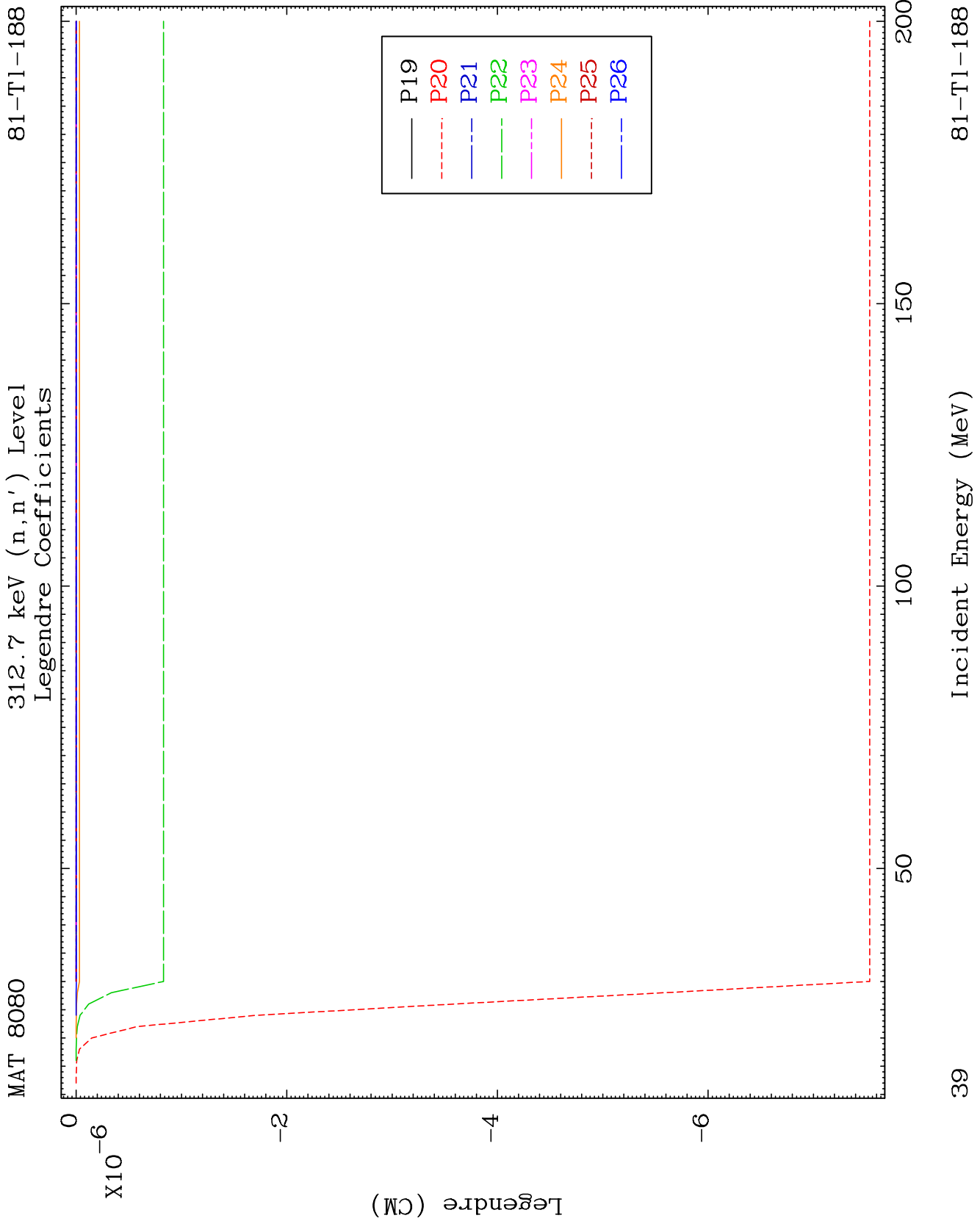


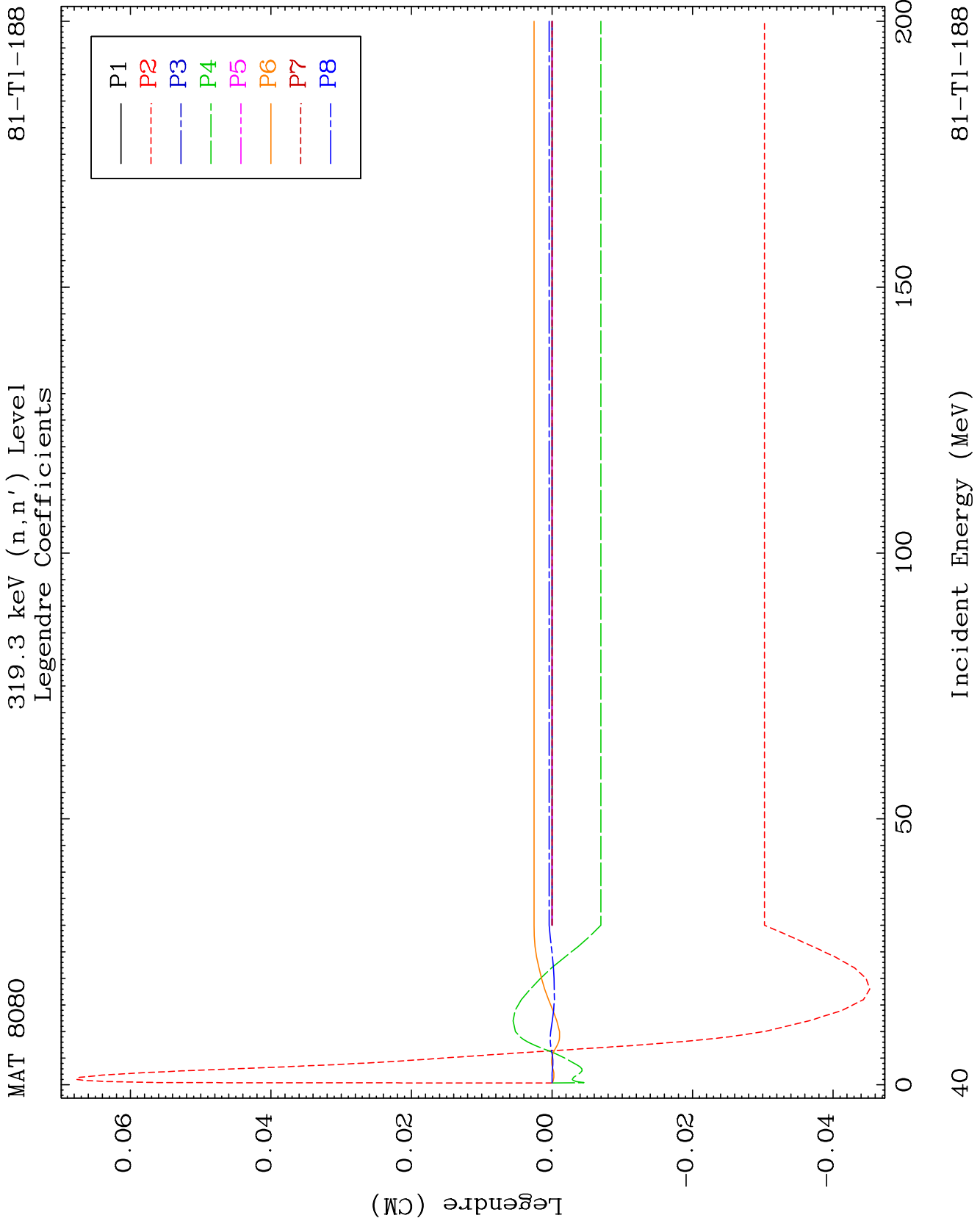
MAT 8080

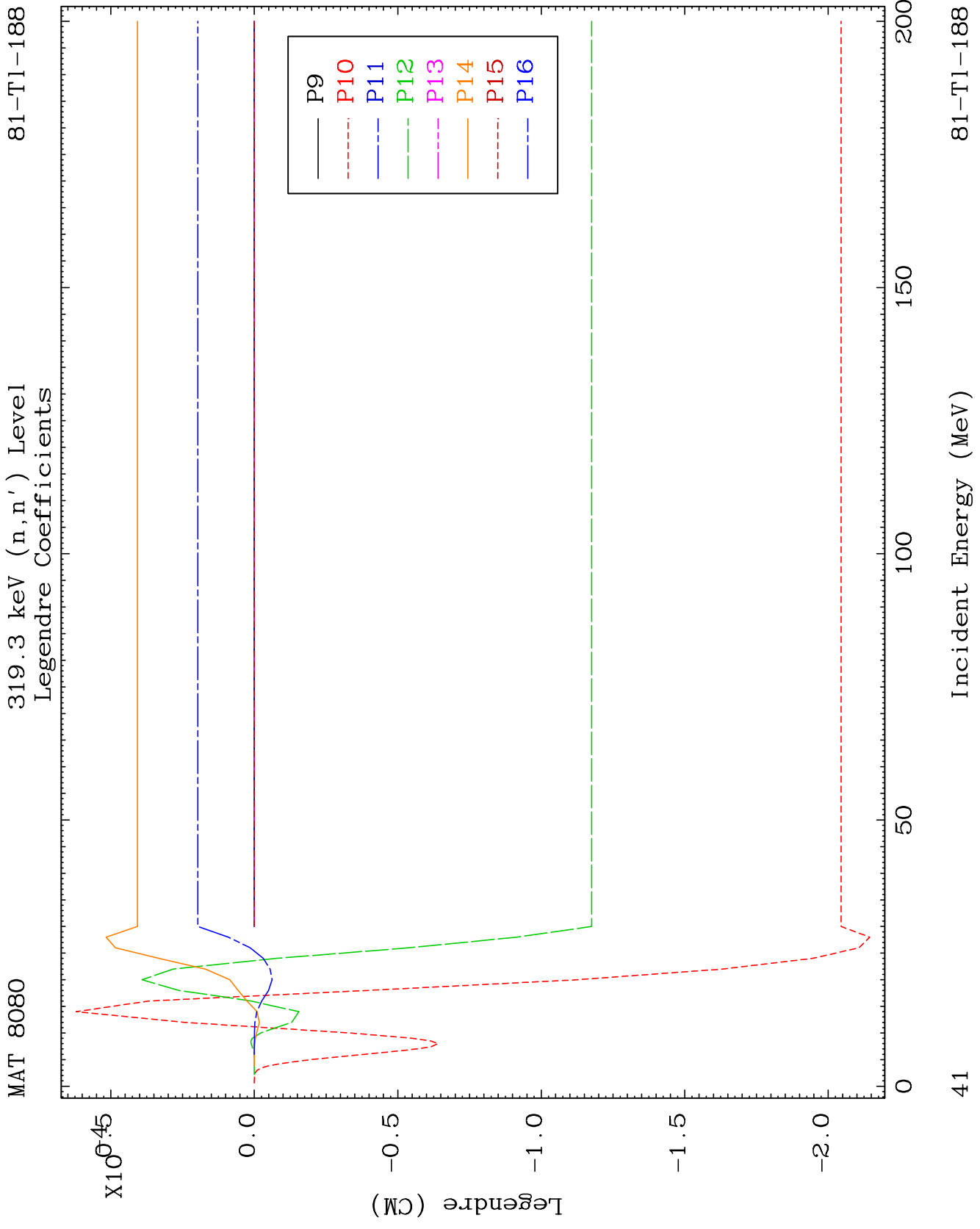
312.7 keV (n,n') Level
Legendre Coefficients

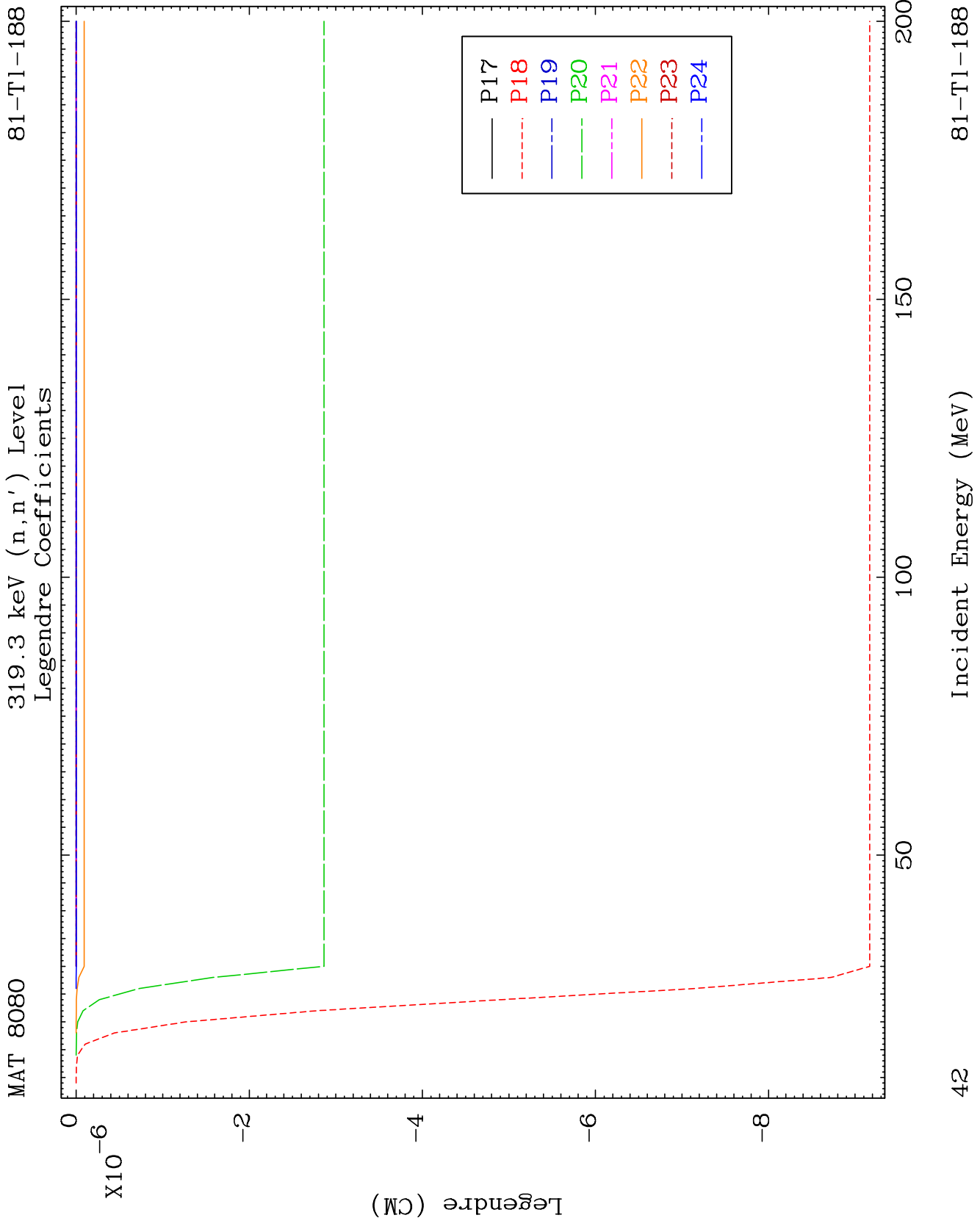
81-Tl-188







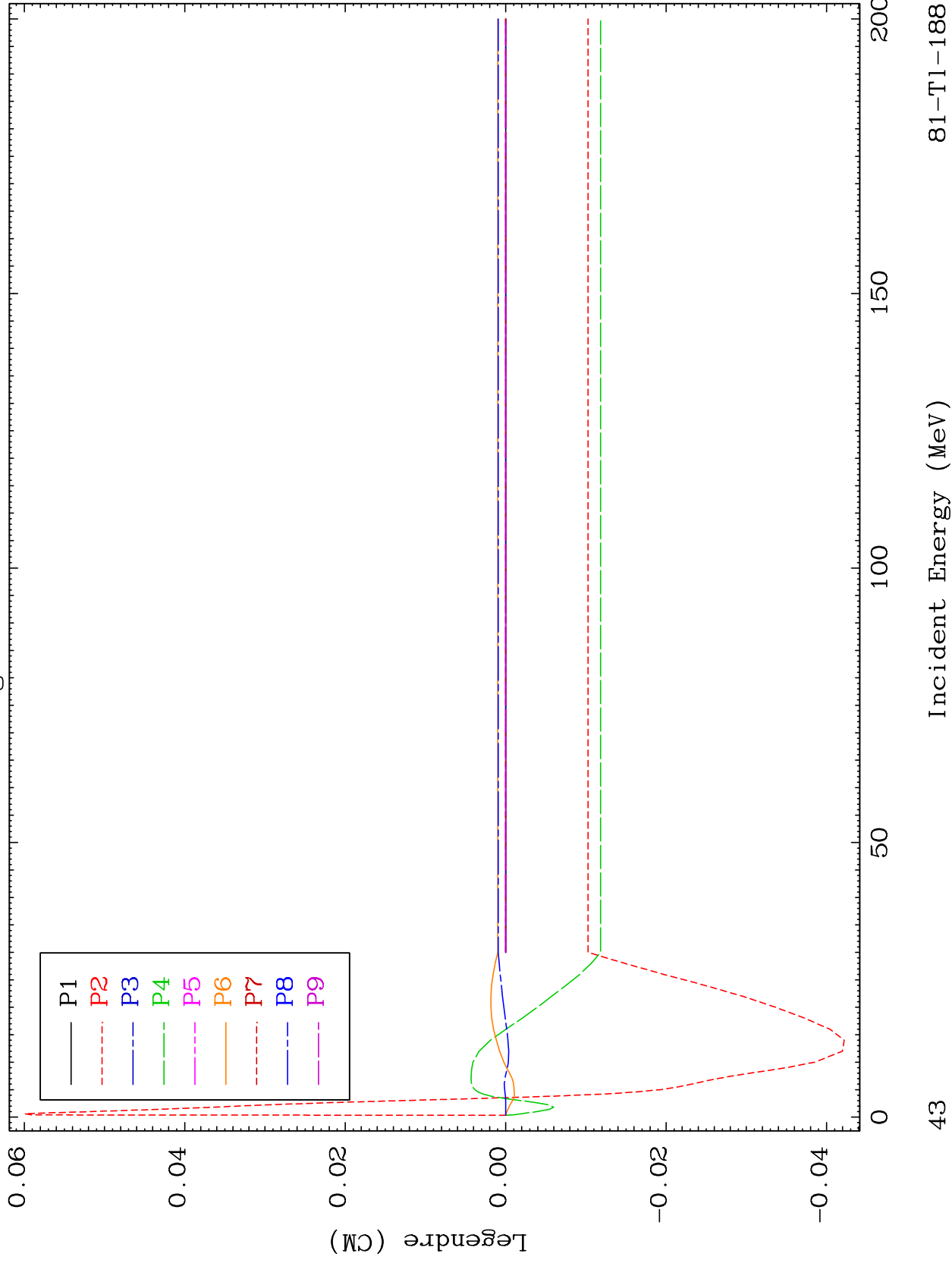




MAT 8080

324.9 keV (n,n') Level
Legendre Coefficients

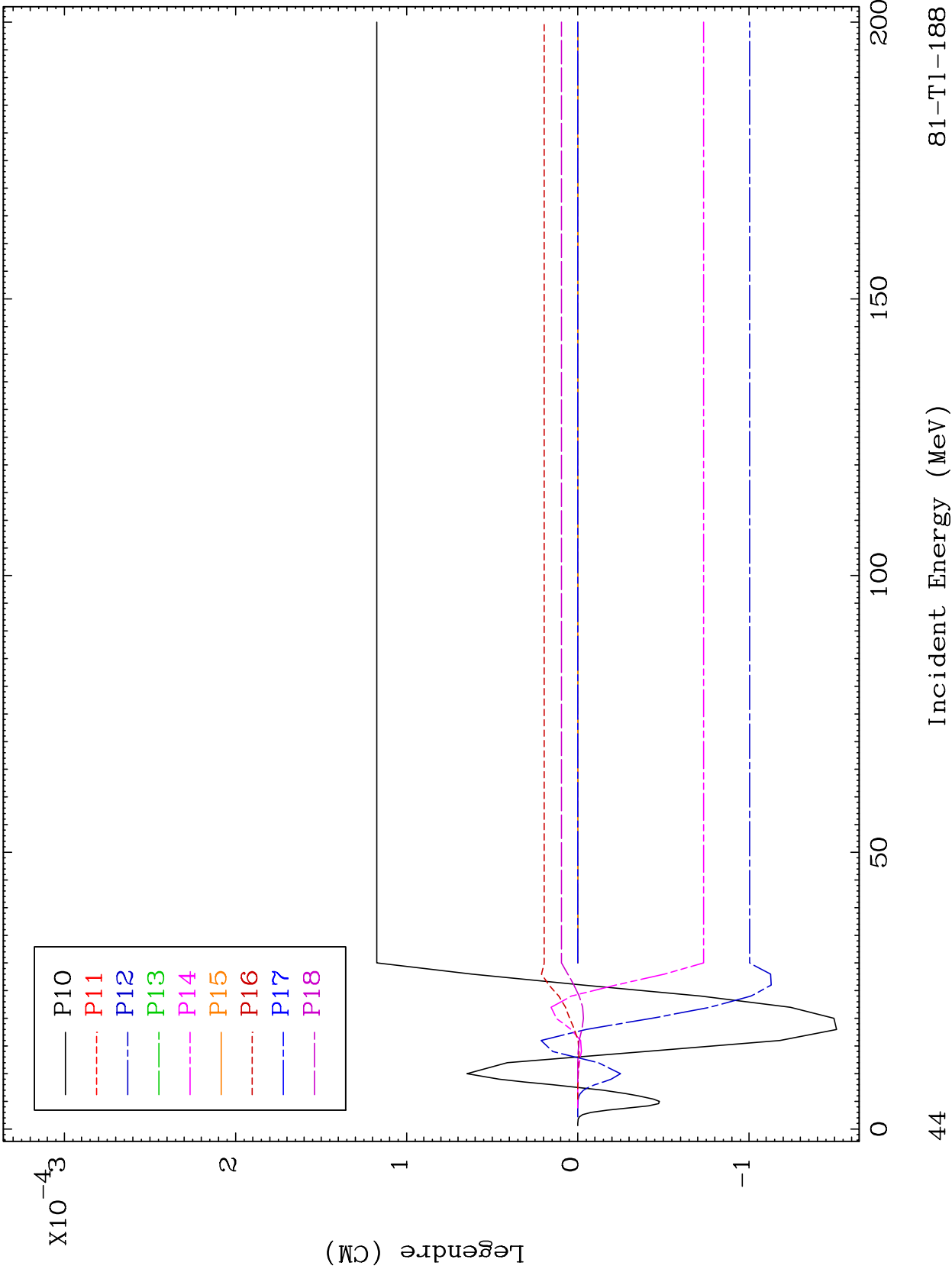
81-Tl-188



MAT 8080

324.9 keV (n,n') Level
Legendre Coefficients

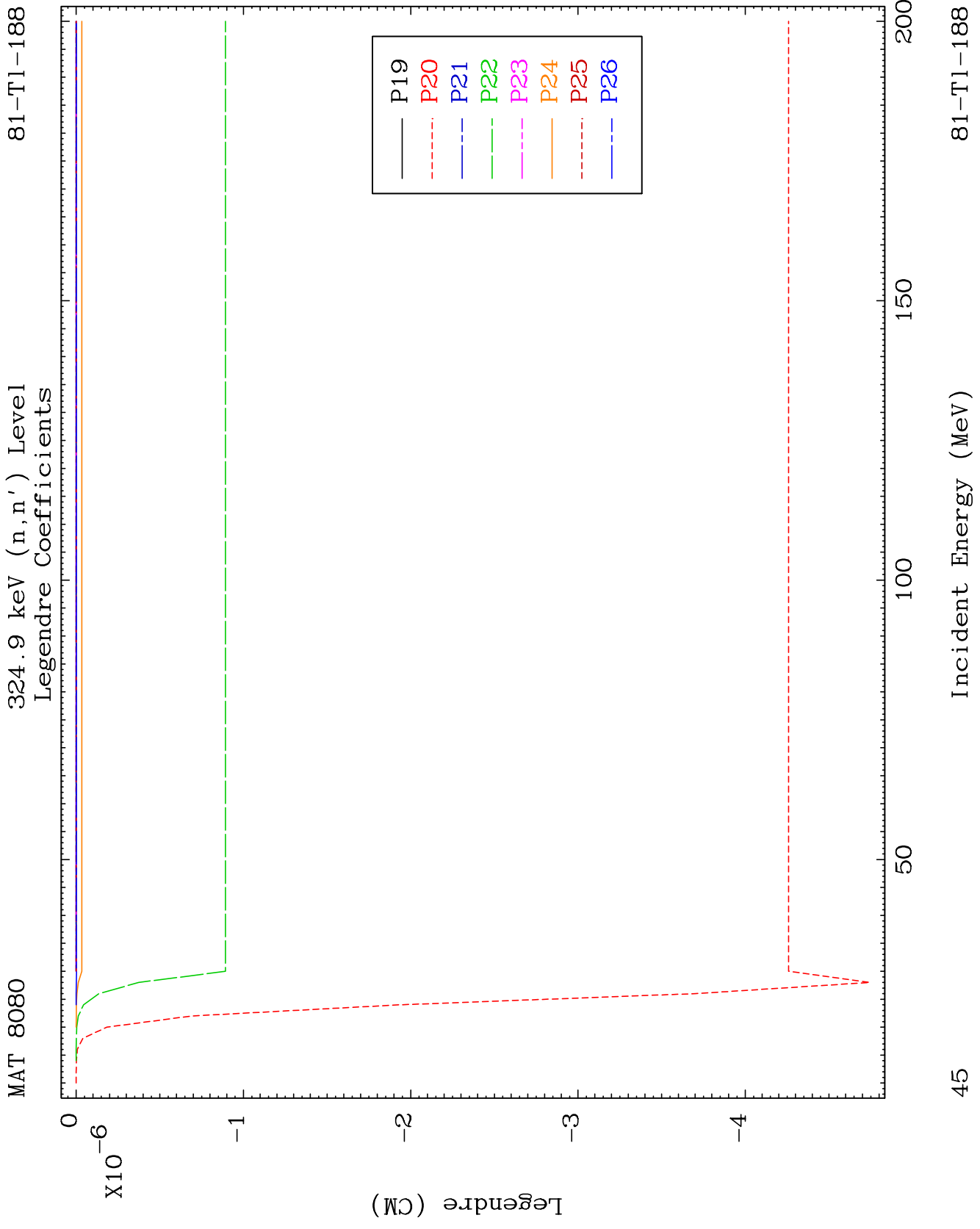
81-Tl-188

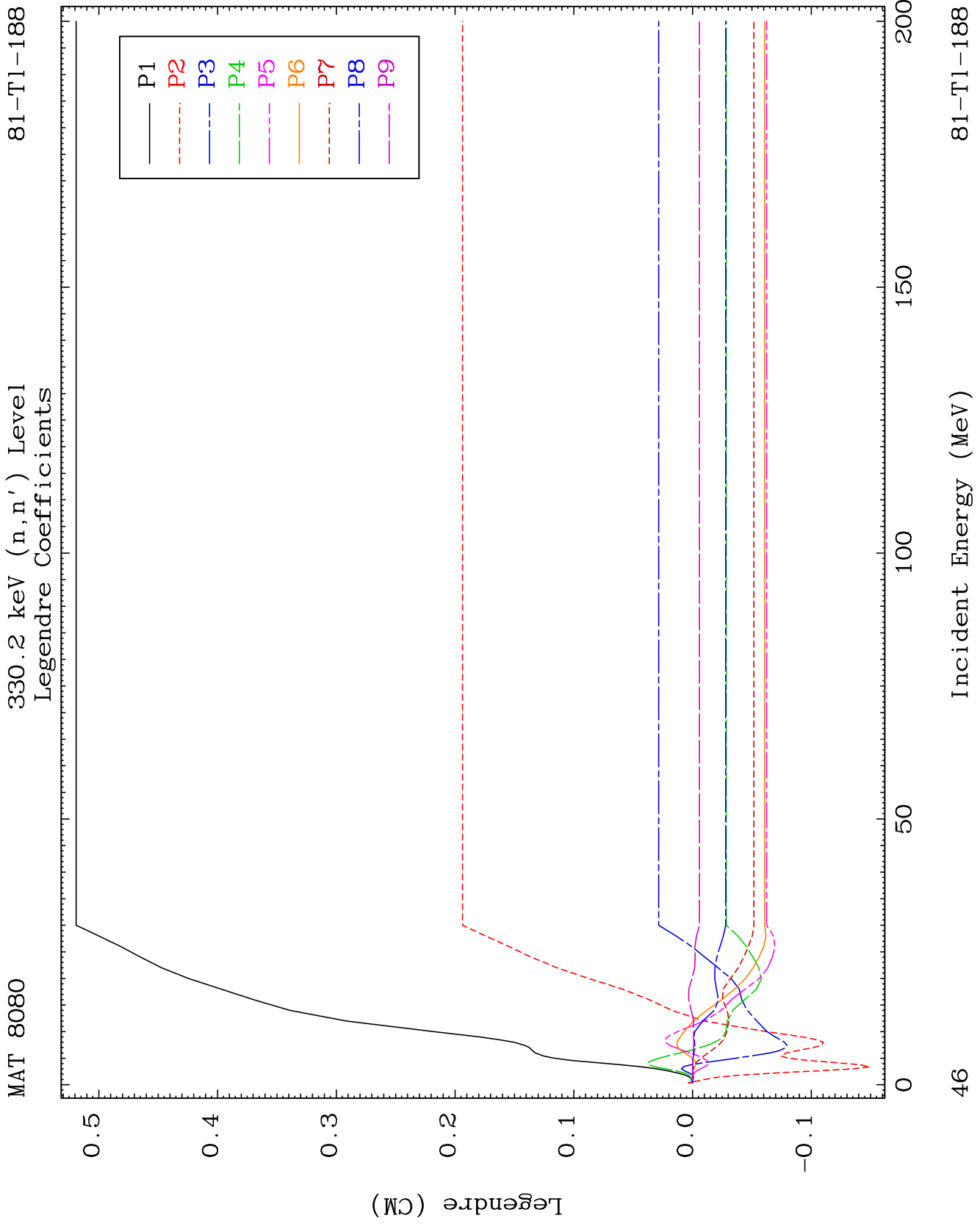


44

Incident Energy (MeV)

81-Tl-188

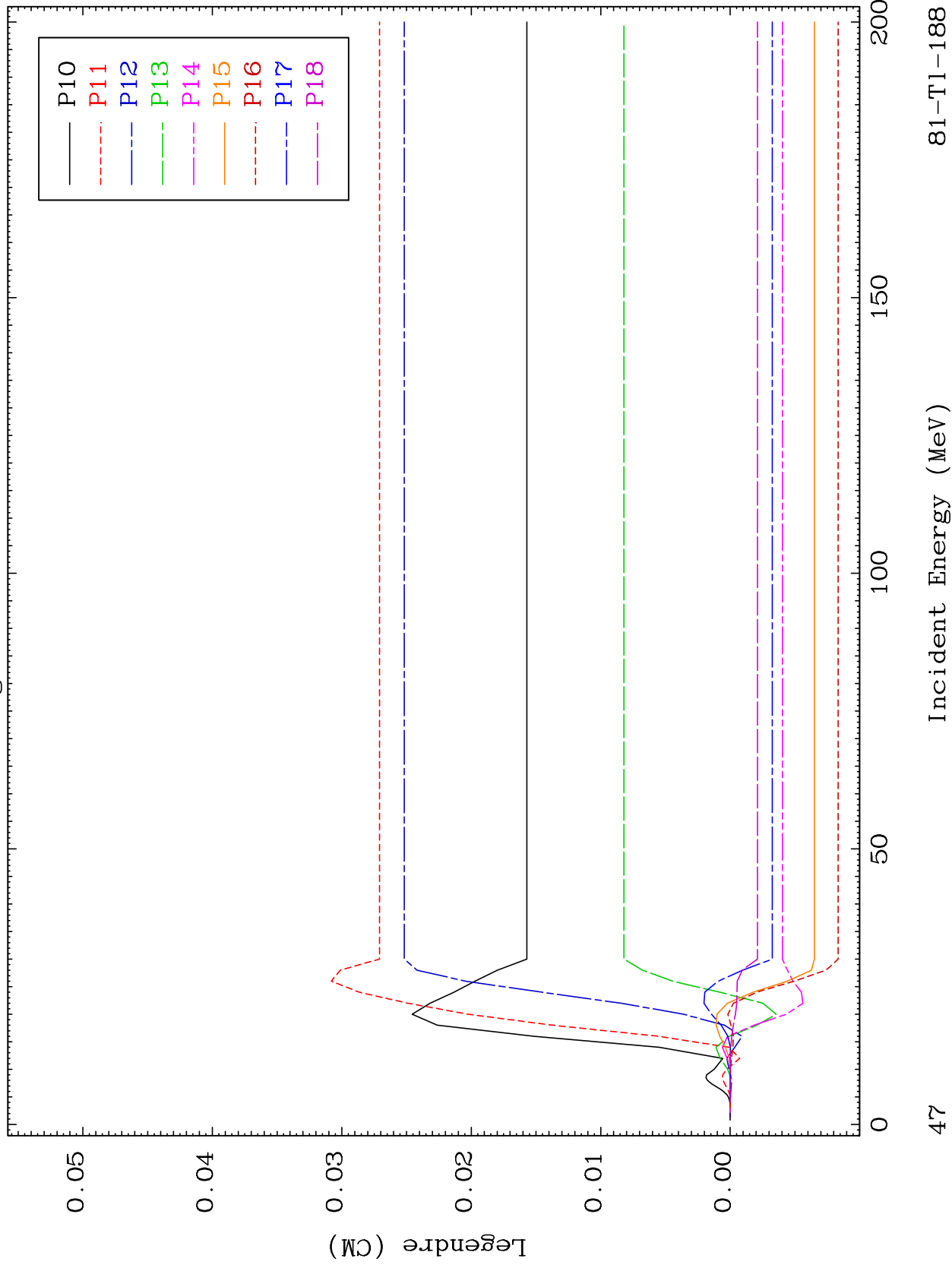




MAT 8080

330.2 keV (n,n') Level
Legendre Coefficients

81-Tl-188



47

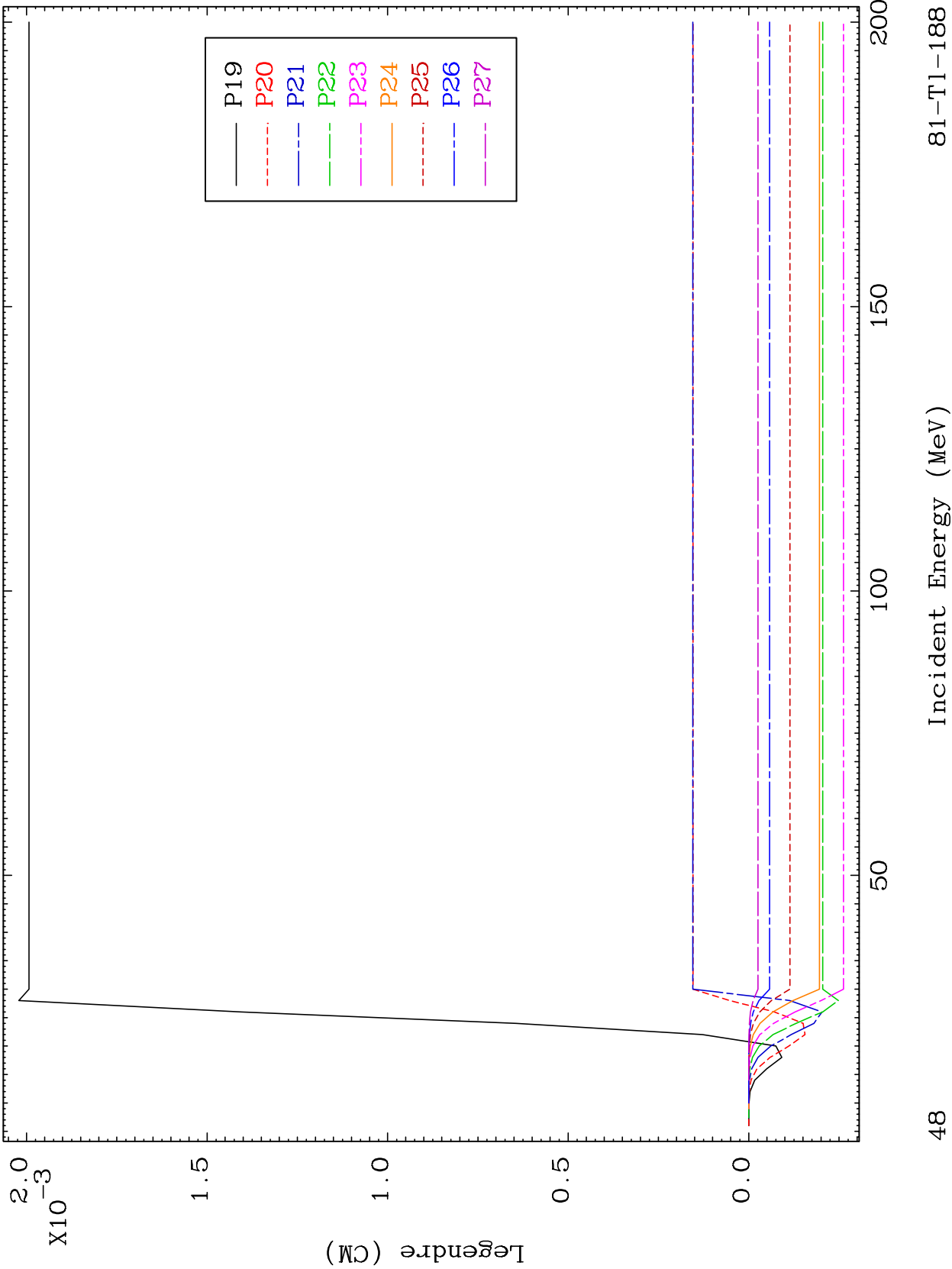
Incident Energy (MeV)

81-Tl-188

MAT 8080

330.2 keV (n,n') Level
Legendre Coefficients

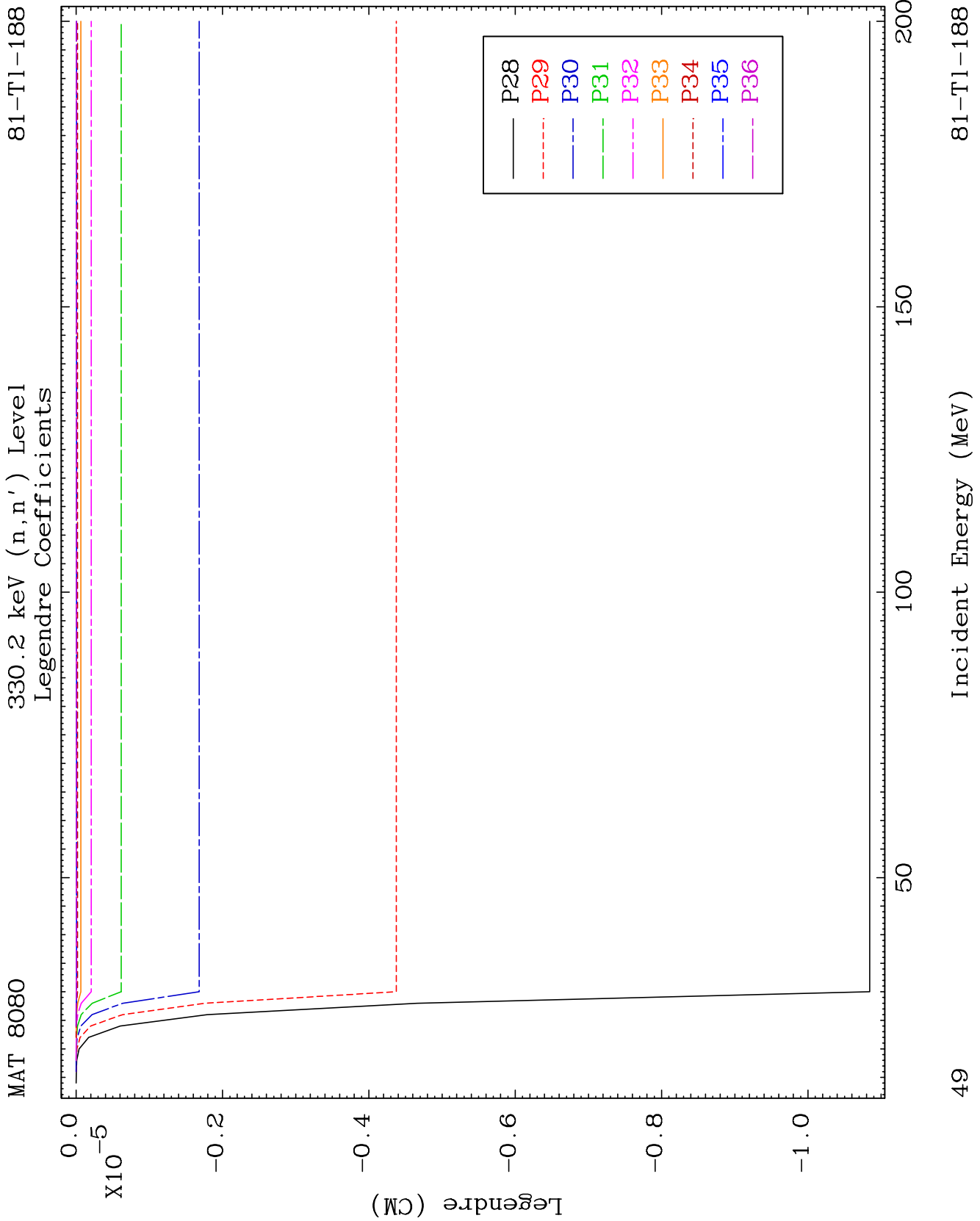
81-Tl-188



48

Incident Energy (MeV)

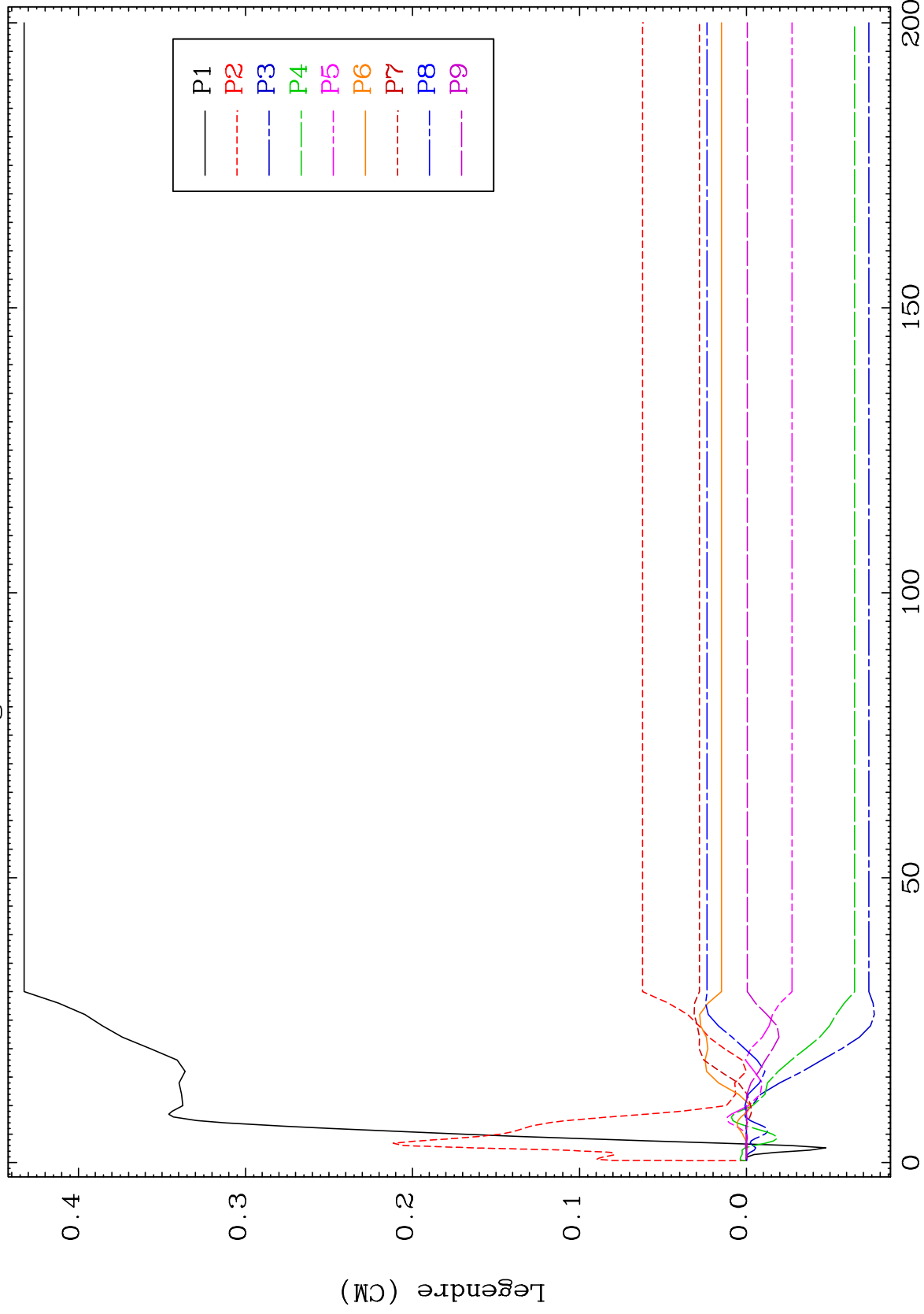
81-Tl-188



MAT 8080

334.7 keV (n,n') Level
Legendre Coefficients

81-Tl-188



81-Tl-188

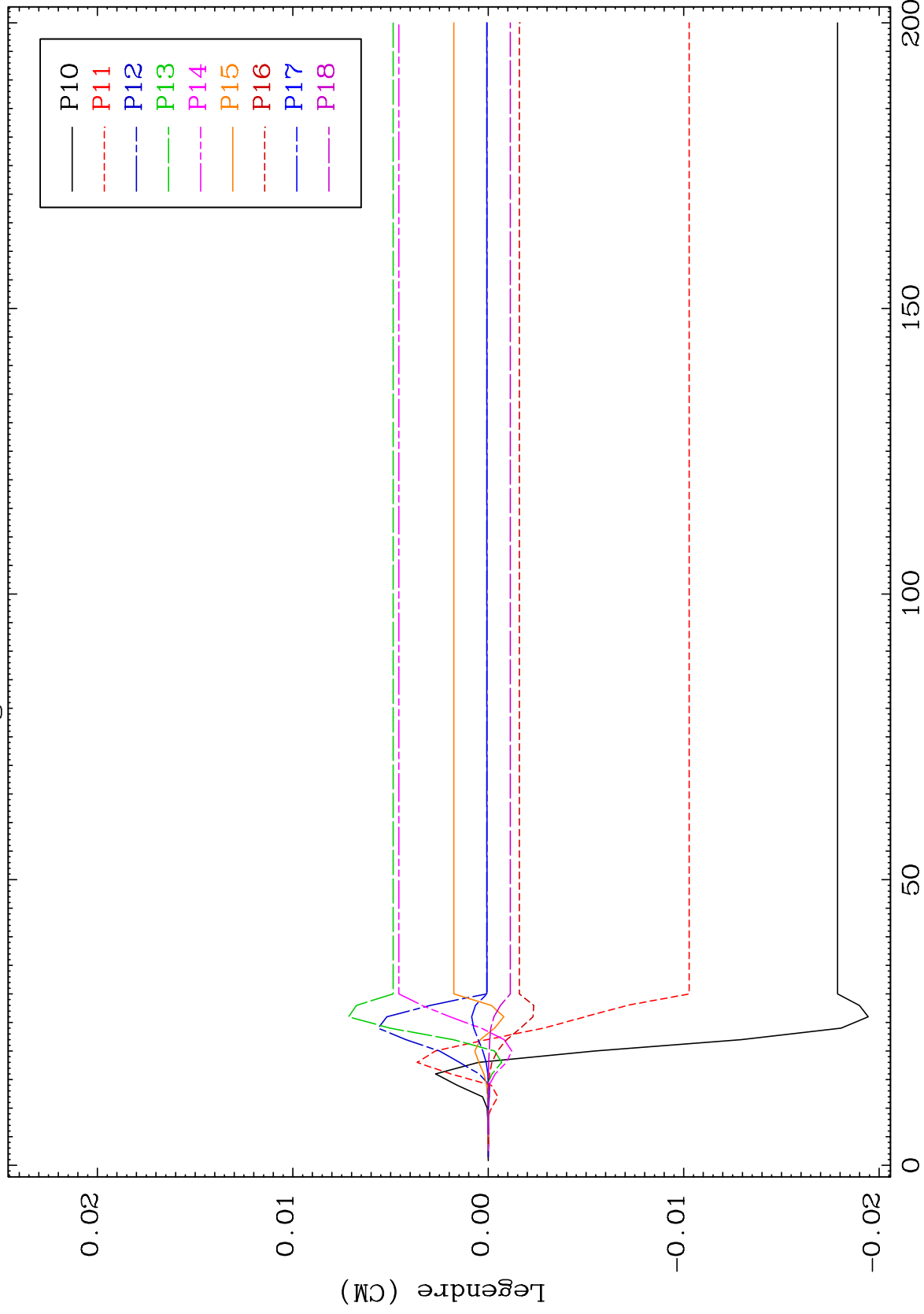
Incident Energy (MeV)

50

MAT 8080

334.7 keV (n,n') Level
Legendre Coefficients

81-Tl-188



51

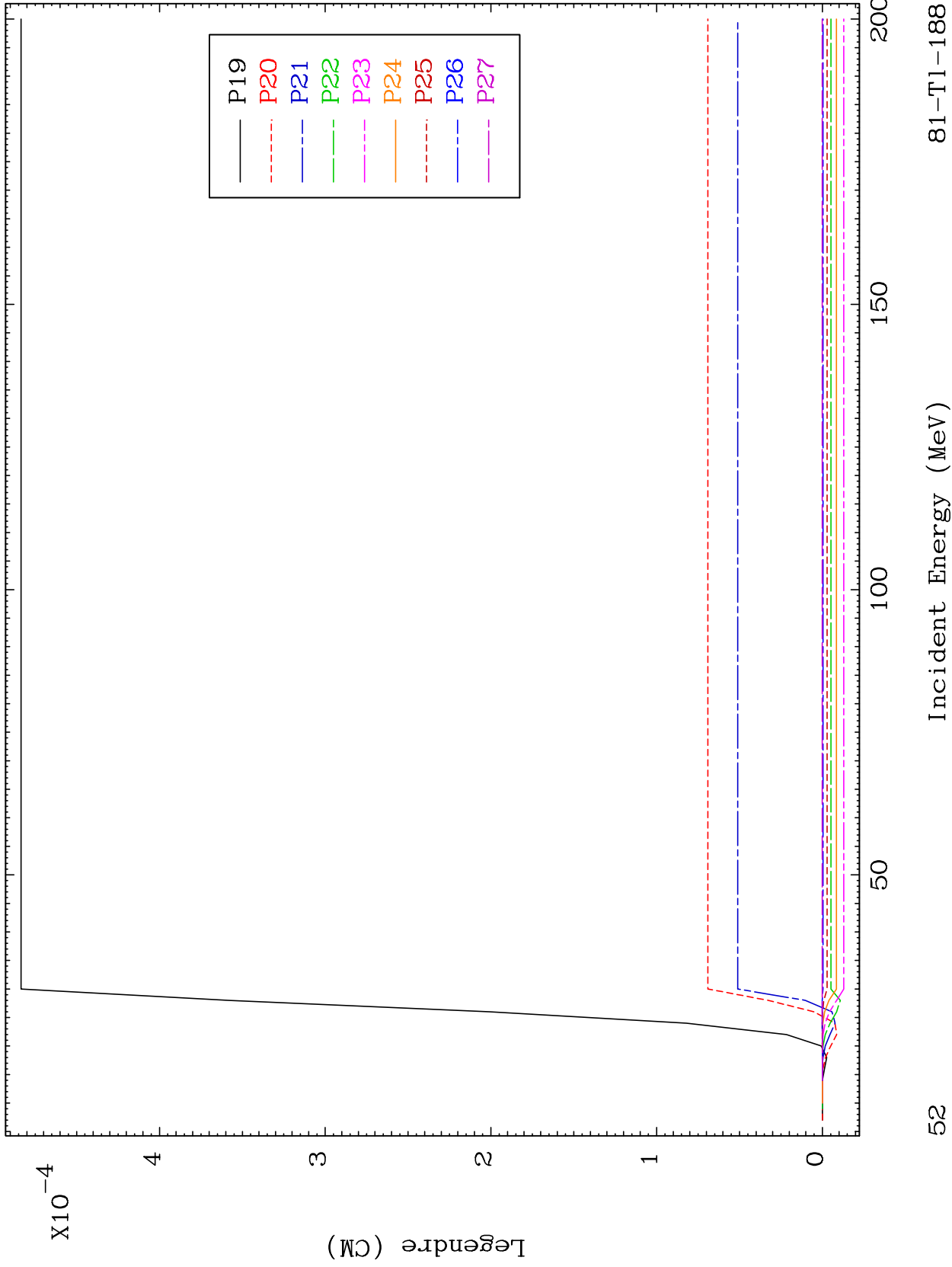
Incident Energy (MeV)

81-Tl-188

MAT 8080

334.7 keV (n,n') Level
Legendre Coefficients

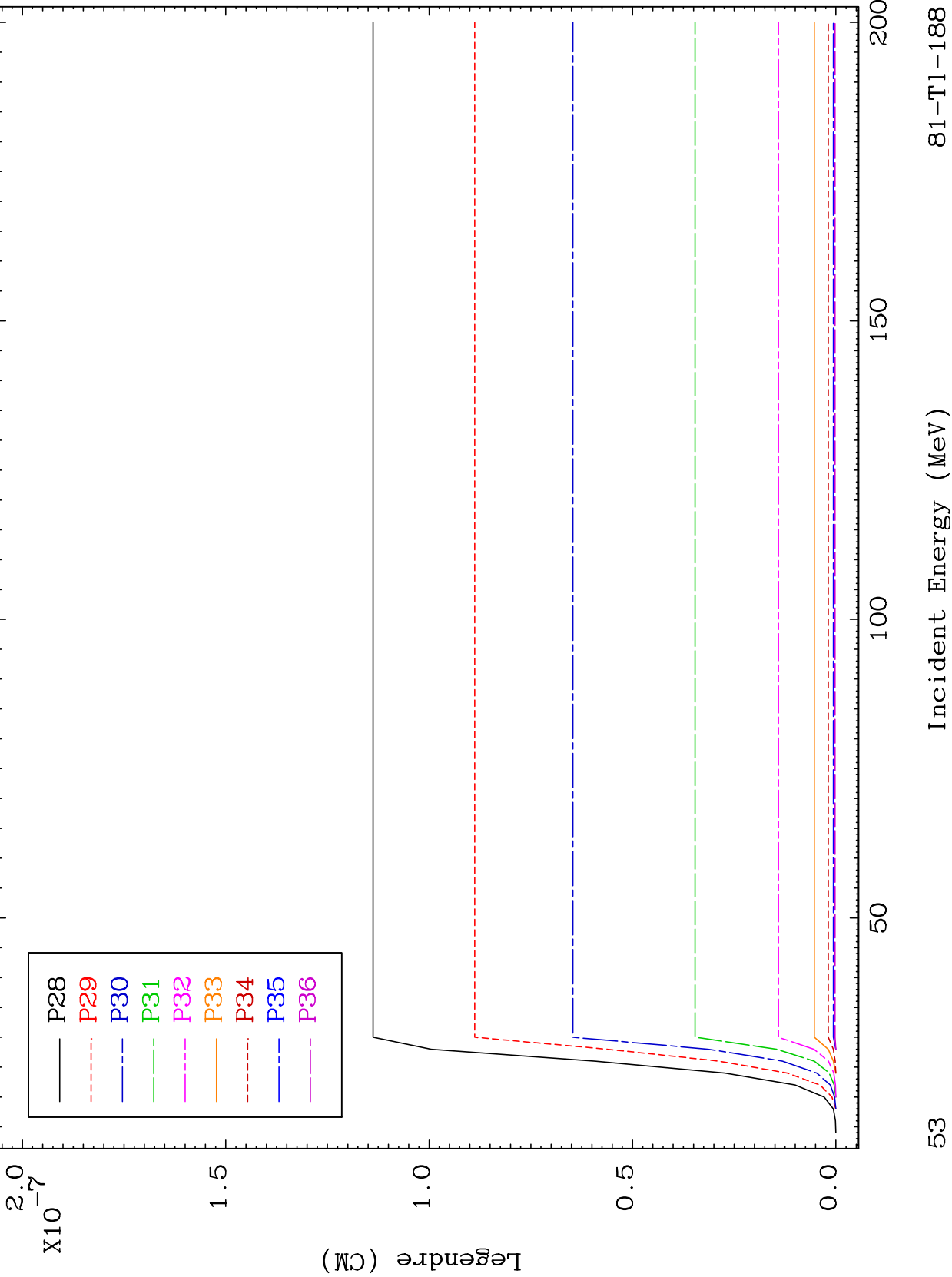
81-Tl-188

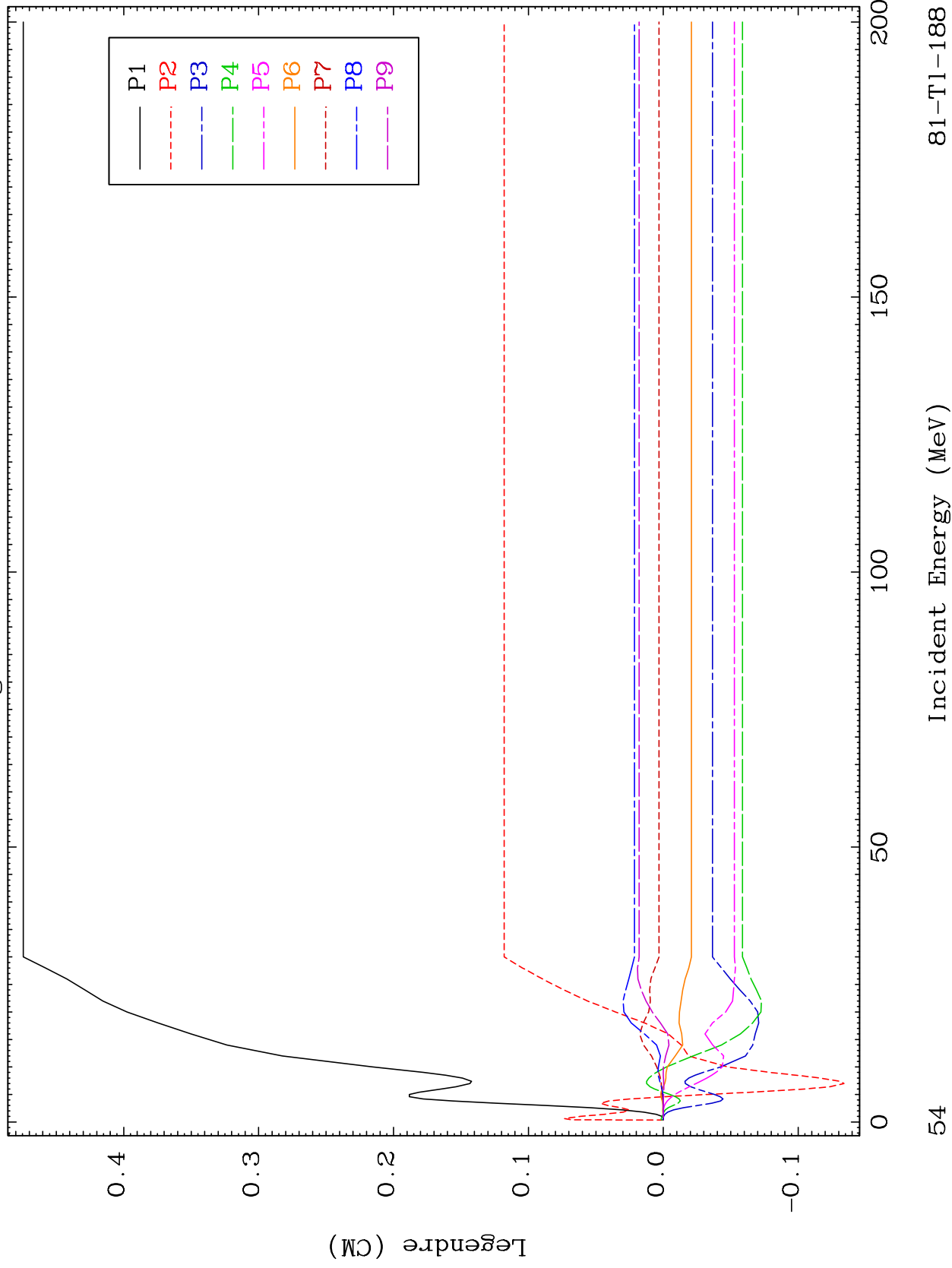


MAT 8080

334.7 keV (n,n') Level
Legendre Coefficients

81-Tl-188

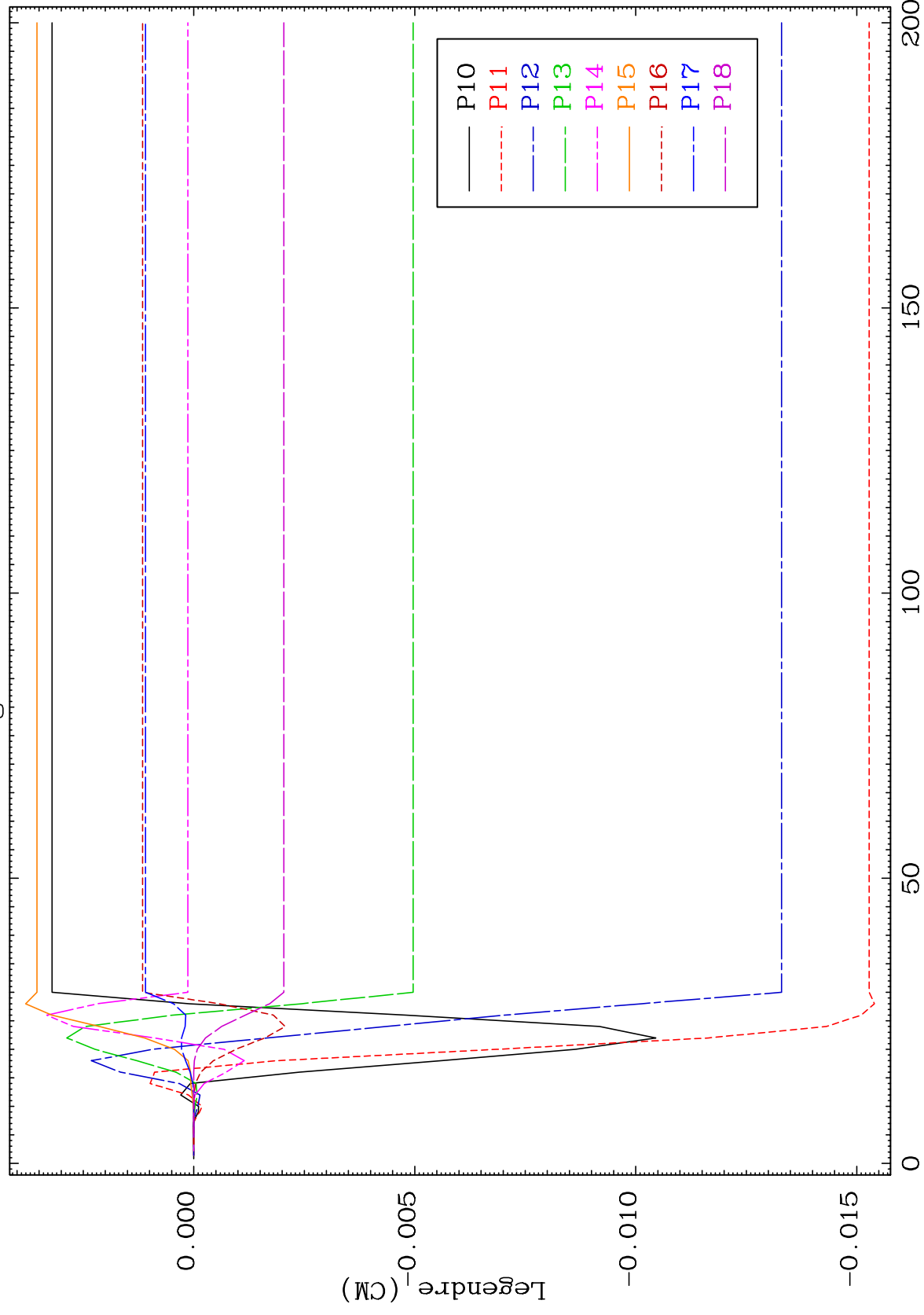




MAT 8080

340.1 keV (n,n') Level
Legendre Coefficients

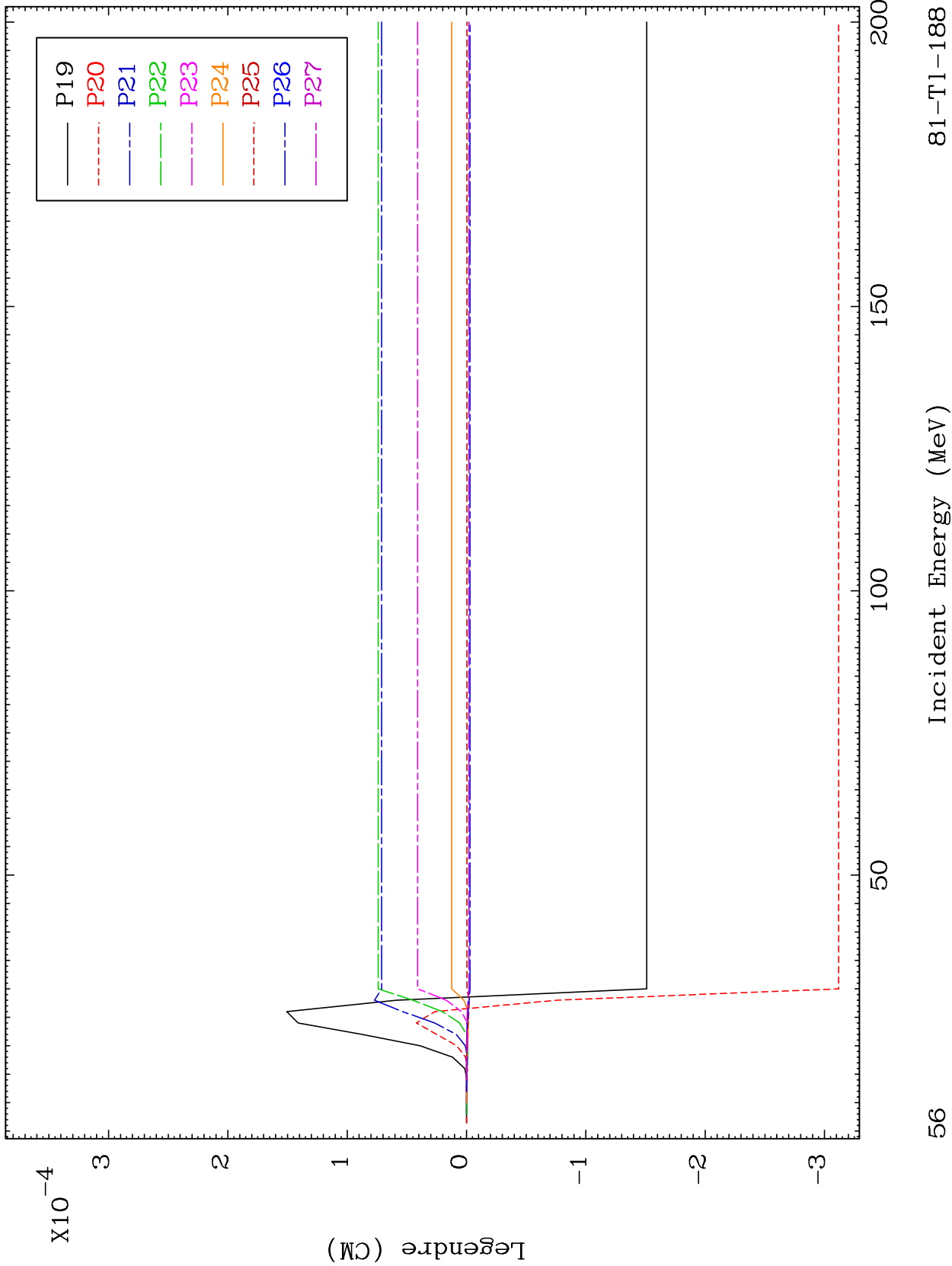
81-Tl-188

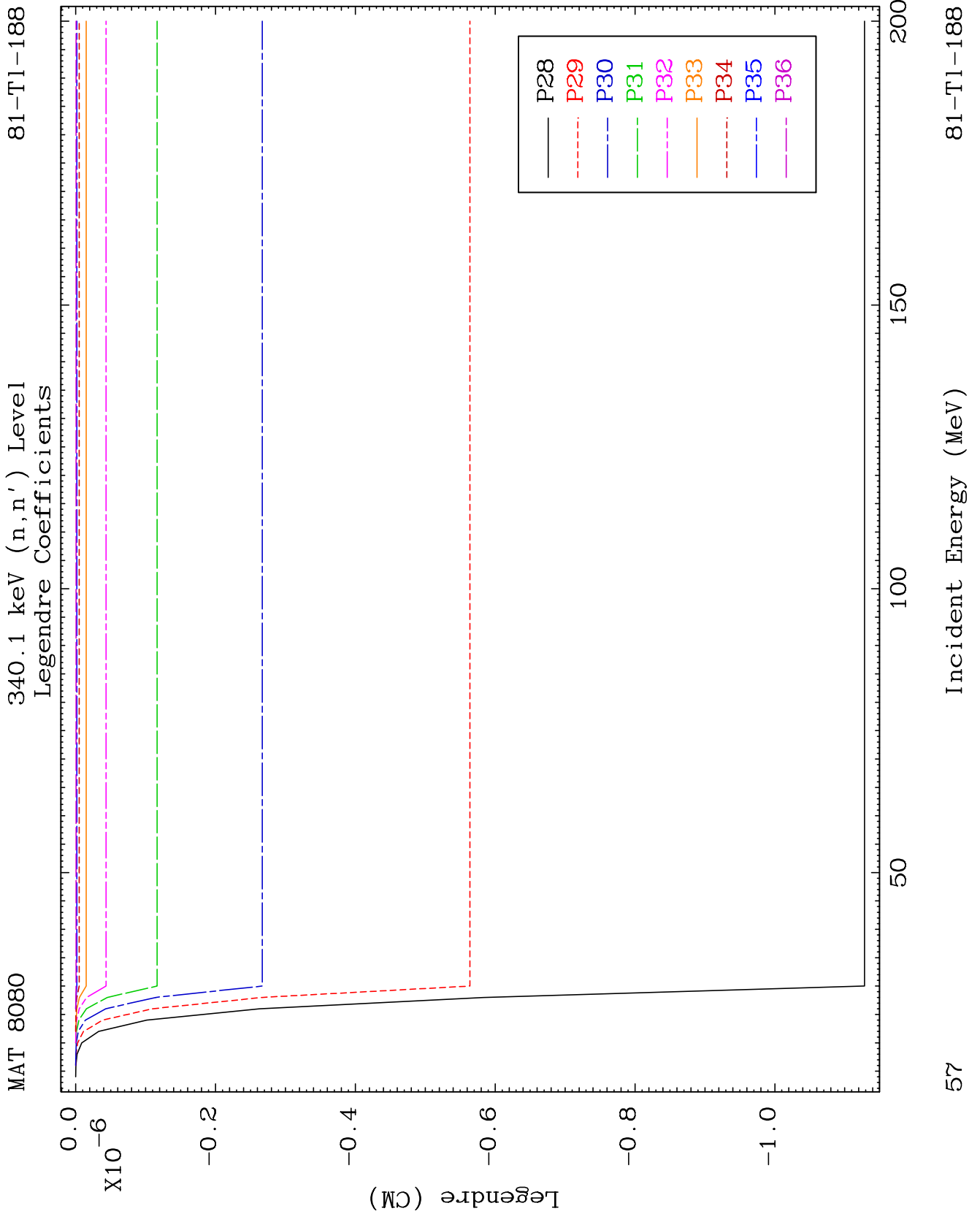


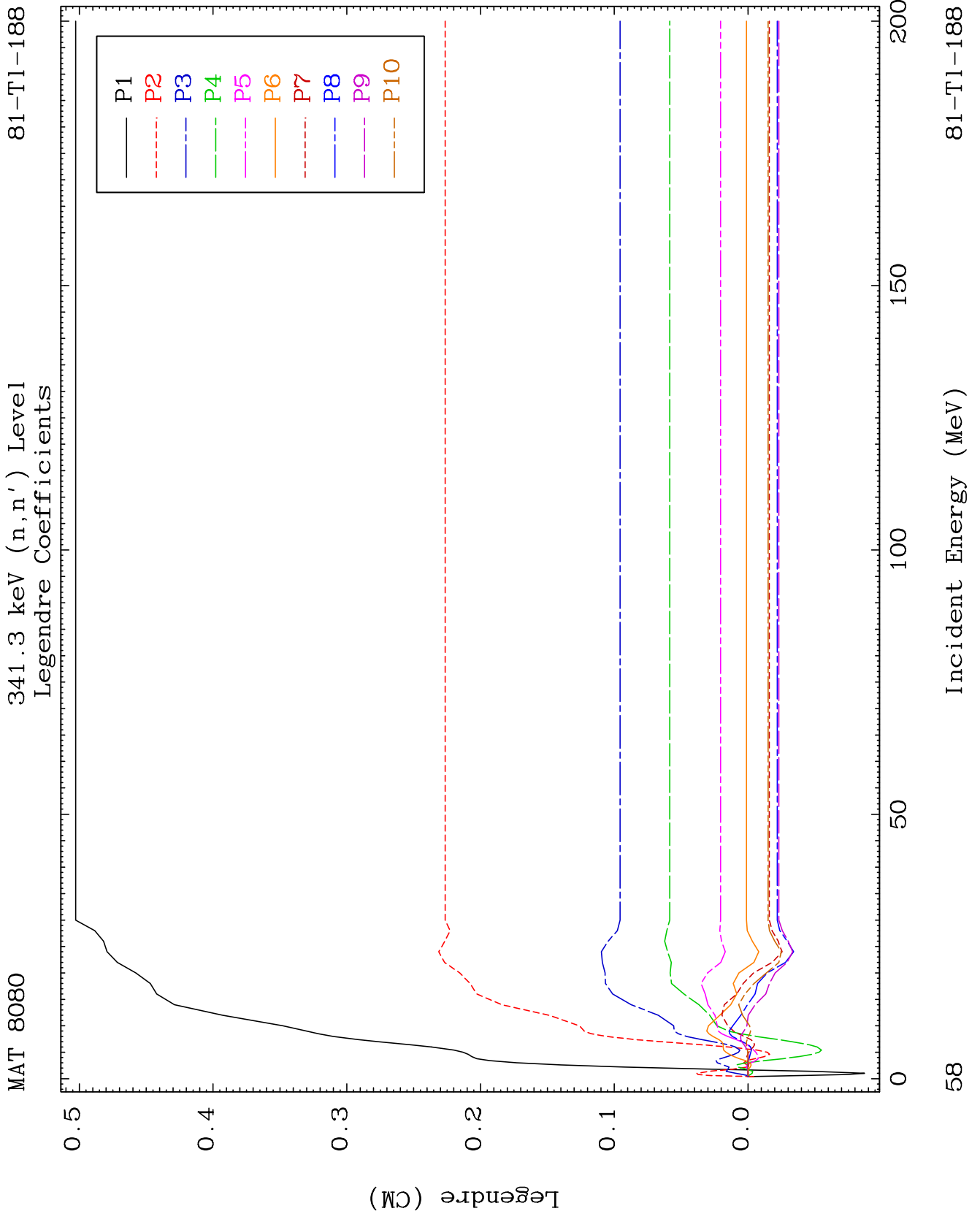
55

Incident Energy (MeV)

81-Tl-188



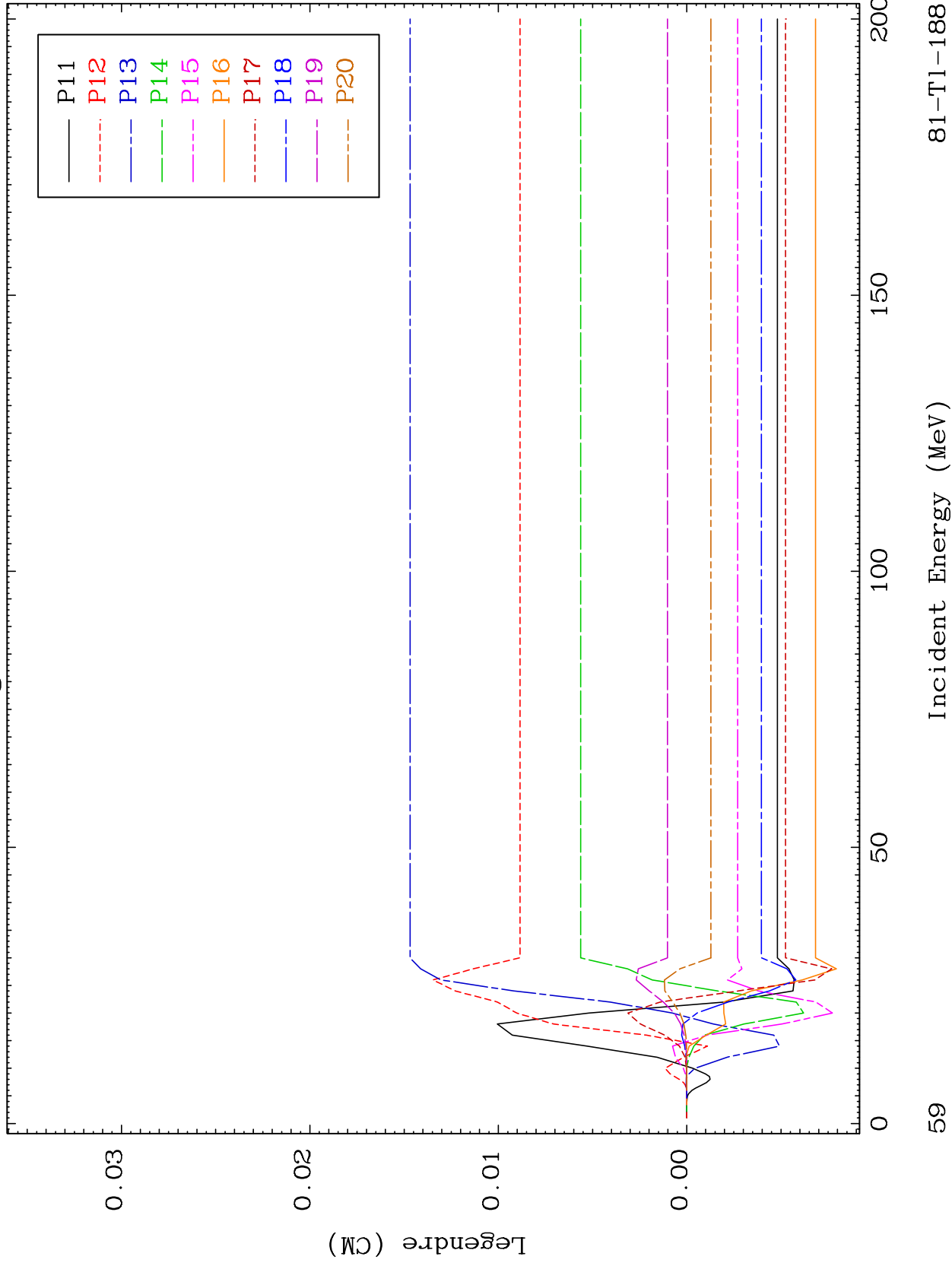




MAT 8080

341.3 keV (n,n') Level
Legendre Coefficients

81-Tl-188



81-Tl-188

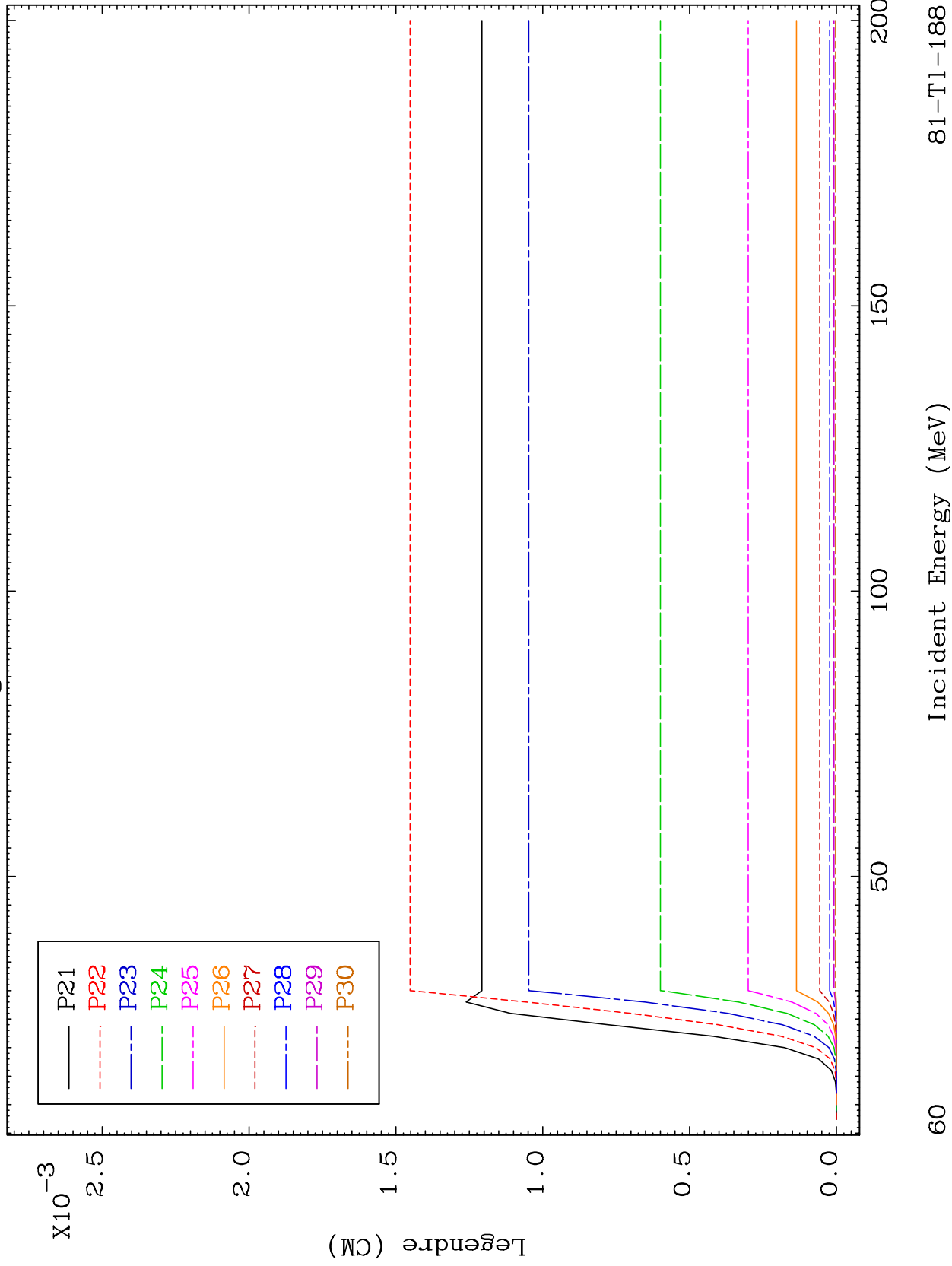
Incident Energy (MeV)

59

MAT 8080

341.3 keV (n,n') Level
Legendre Coefficients

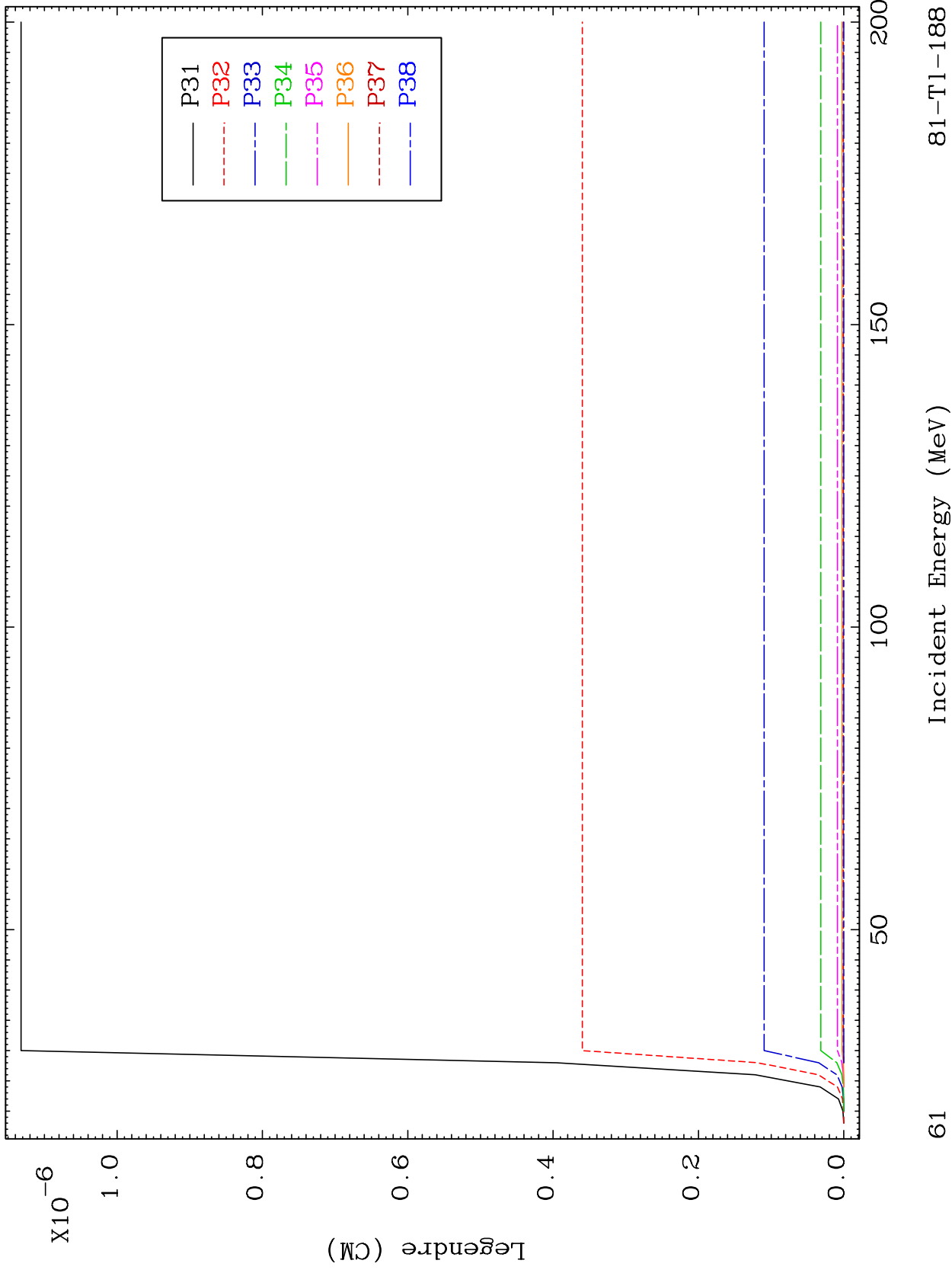
81-Tl-188



MAT 8080

341.3 keV (n,n') Level
Legendre Coefficients

81-Tl-188

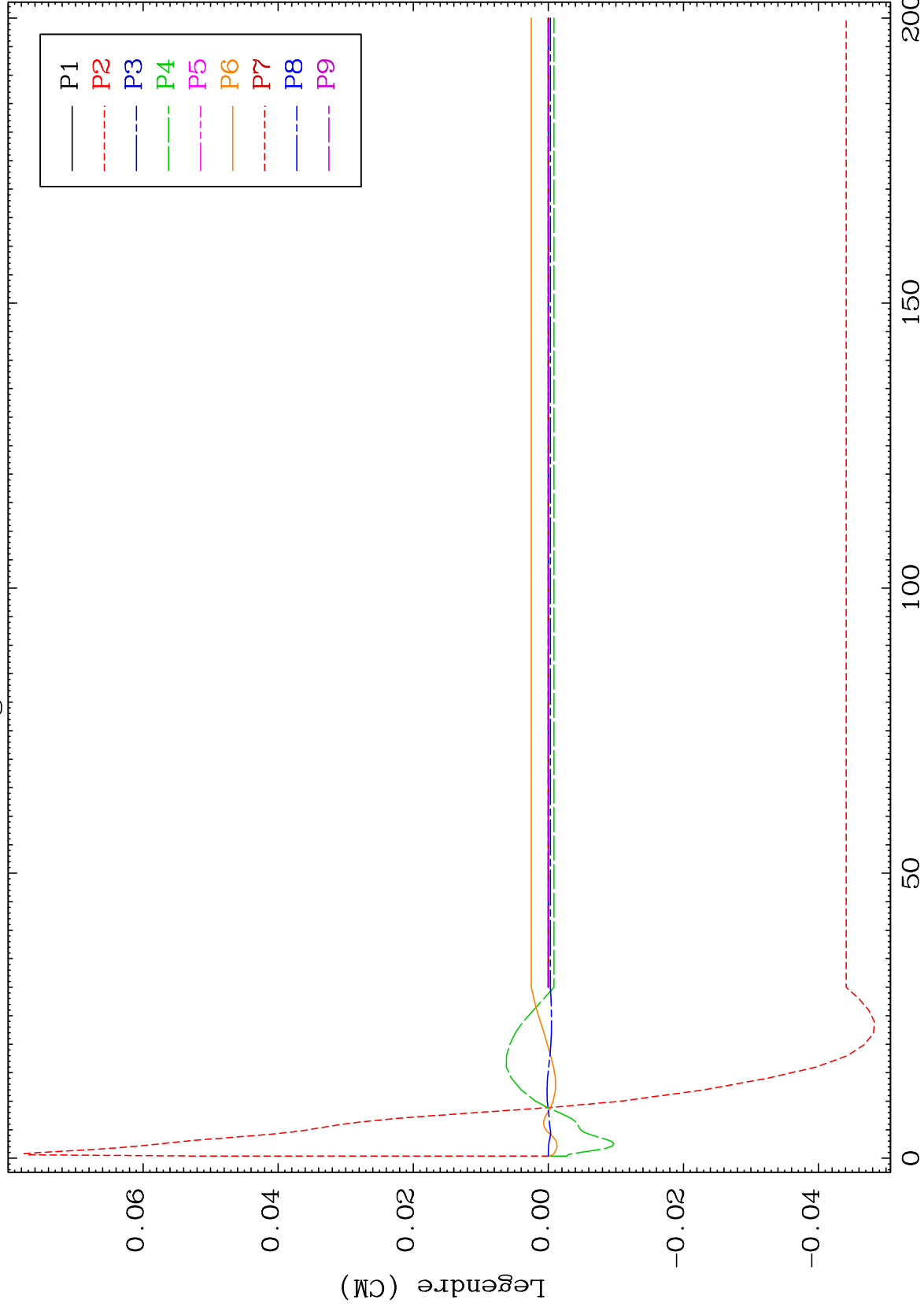


61

MAT 8080

367.9 keV (n,n') Level
Legendre Coefficients

81-Tl-188



62

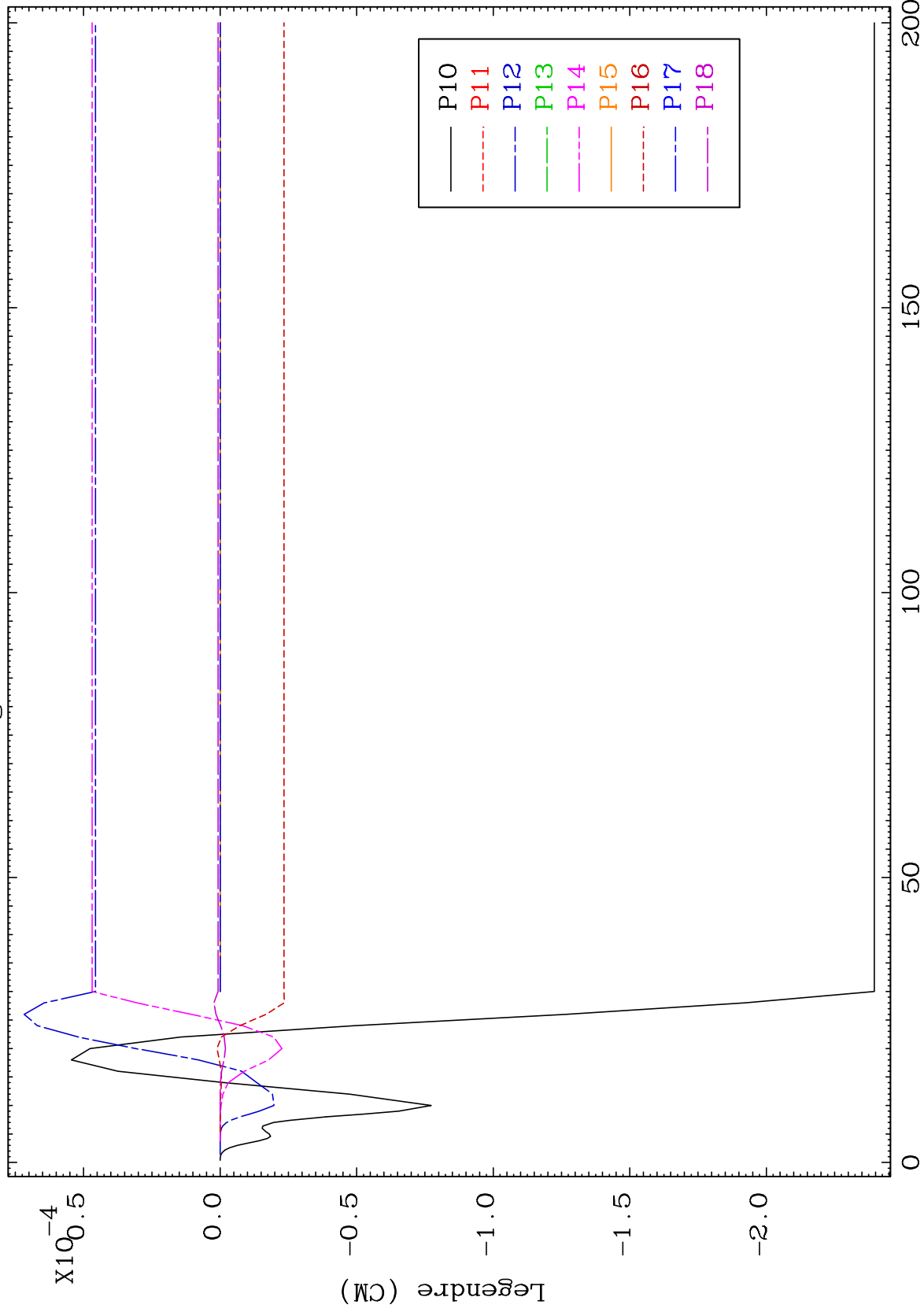
Incident Energy (MeV)

81-Tl-188

MAT 8080

367.9 keV (n,n') Level
Legendre Coefficients

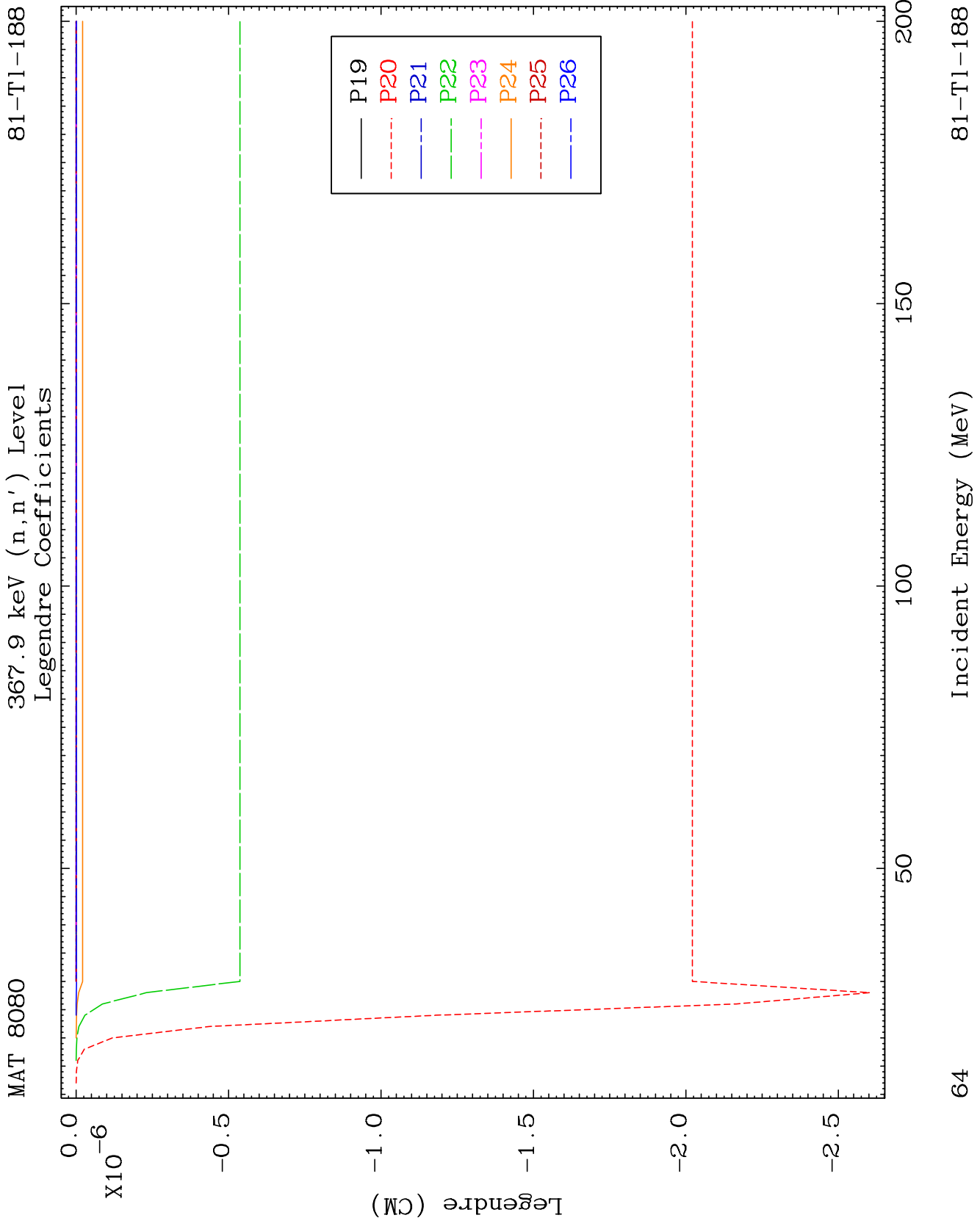
81-Tl-188

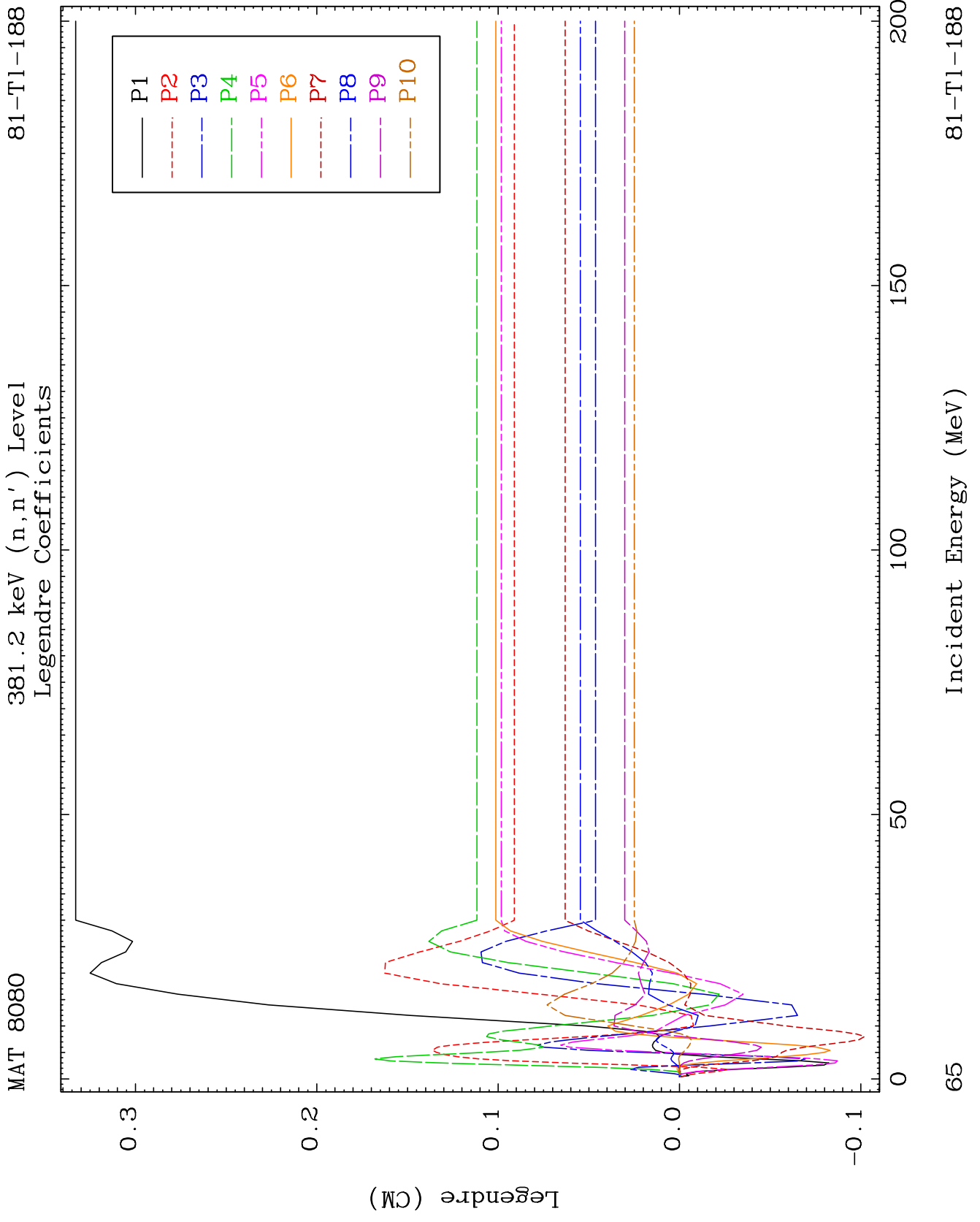


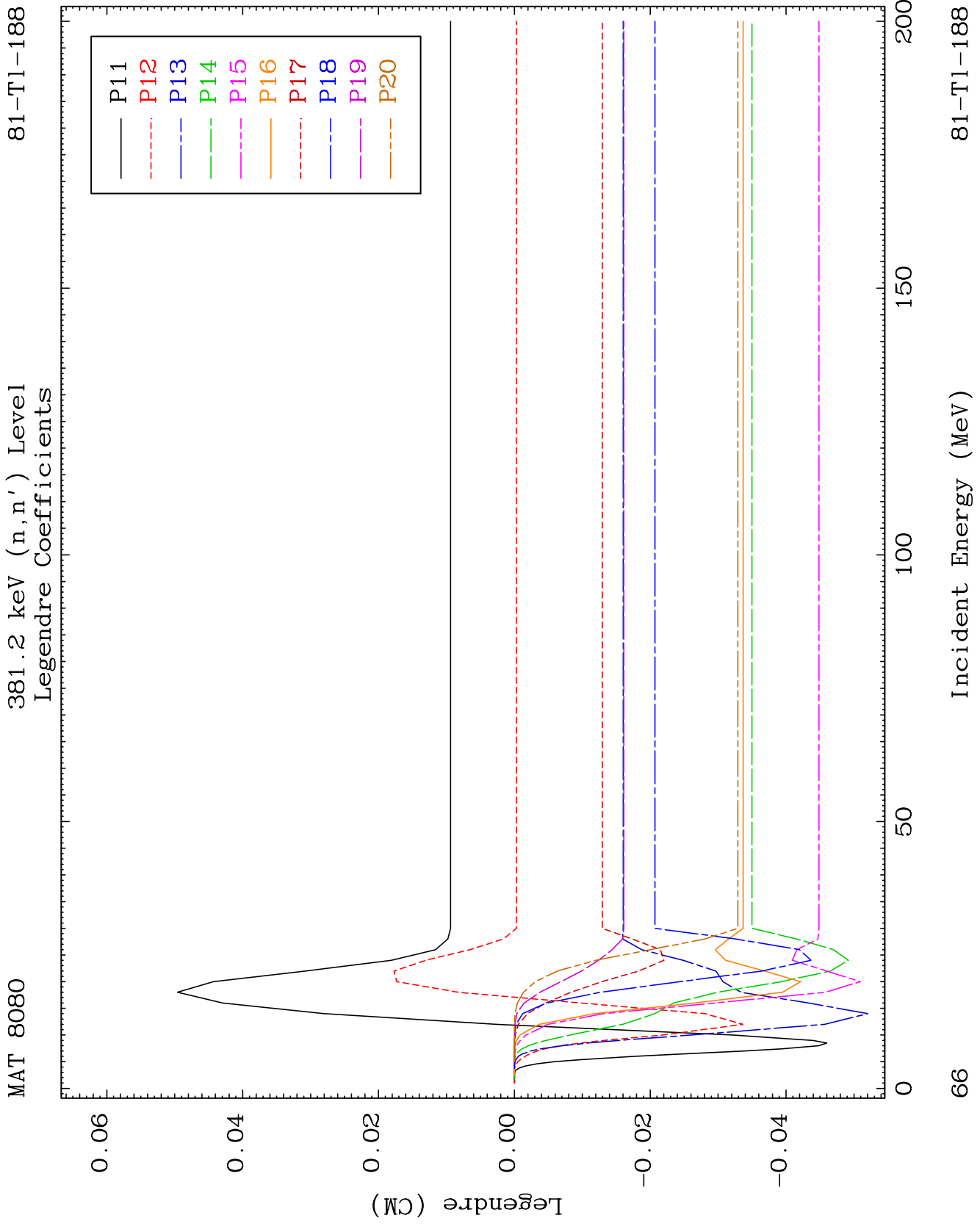
63

Incident Energy (MeV)

81-Tl-188



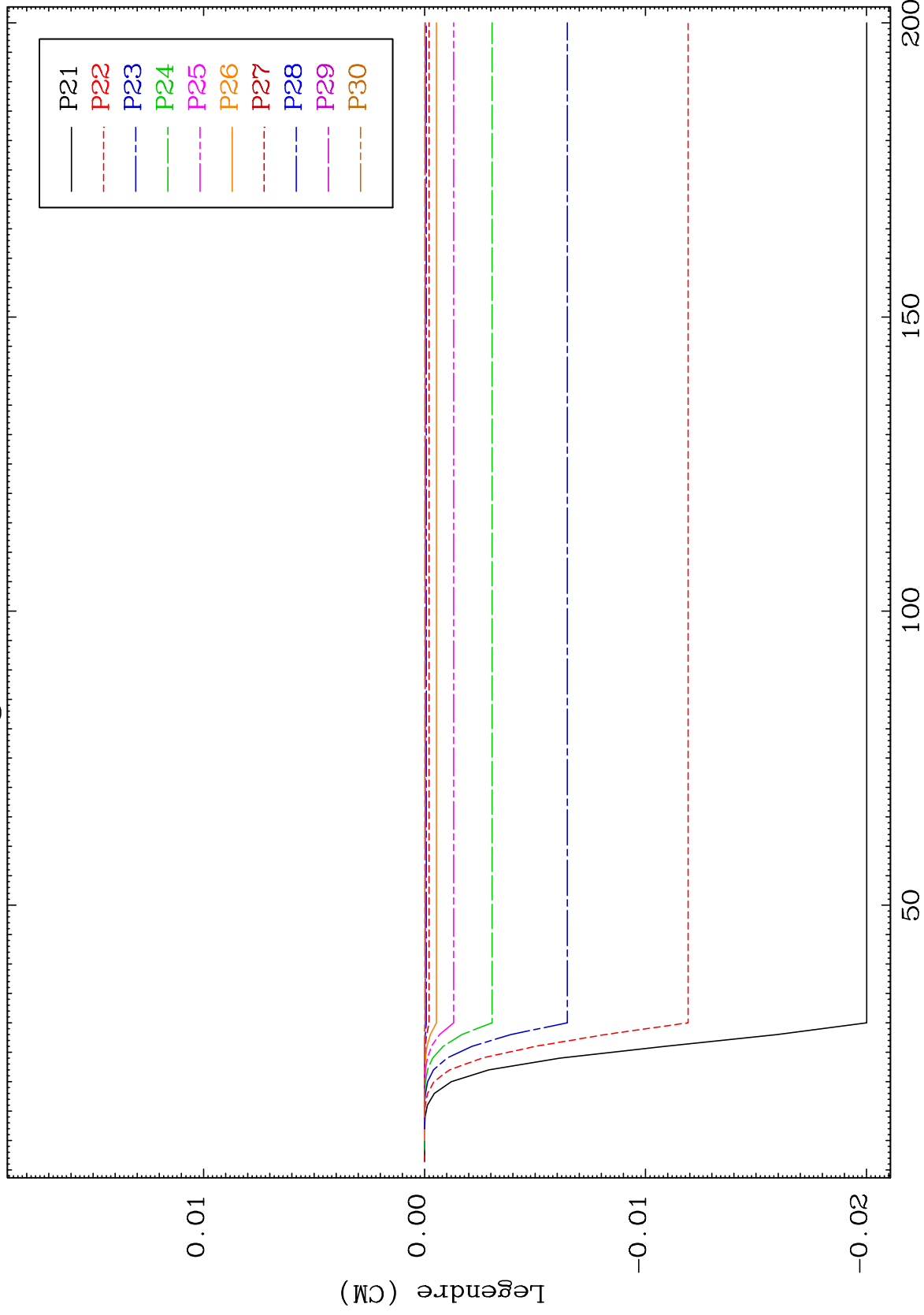




MAT 8080

381.2 keV (n,n') Level
Legendre Coefficients

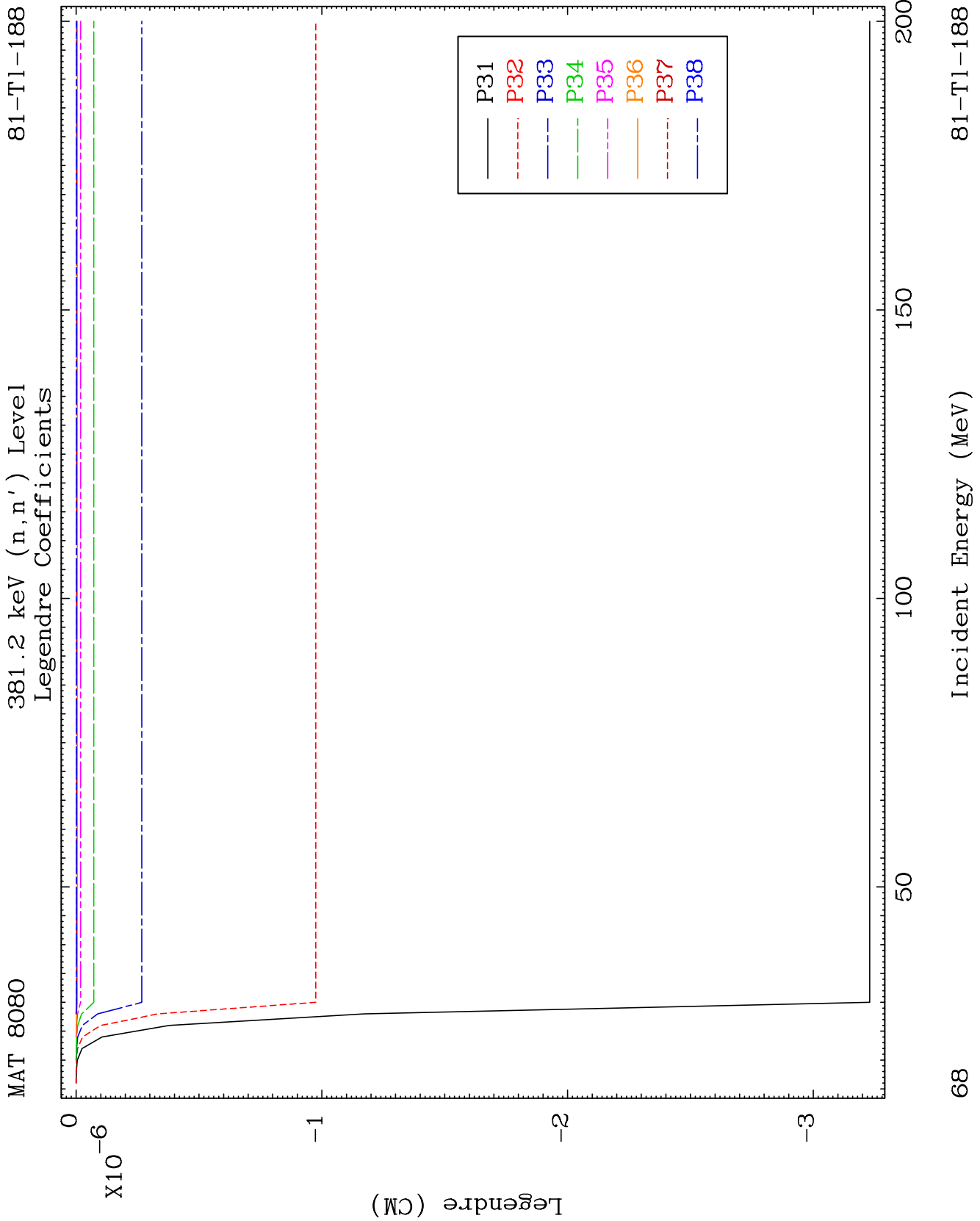
81-Tl-188



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Incident Energy (MeV)

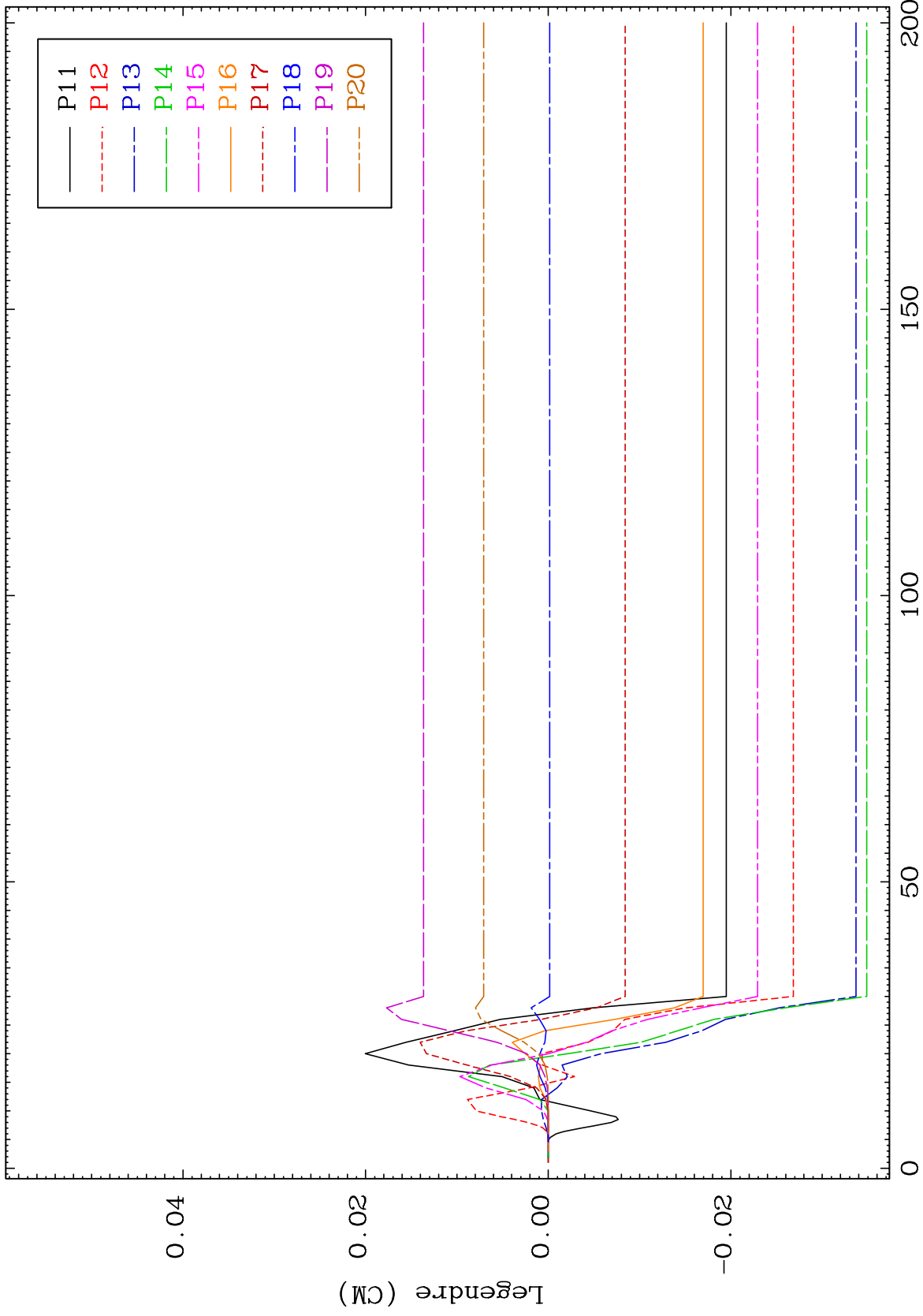
81-Tl-188



MAT 8080

389.0 keV (n,n') Level
Legendre Coefficients

81-Tl-188



70

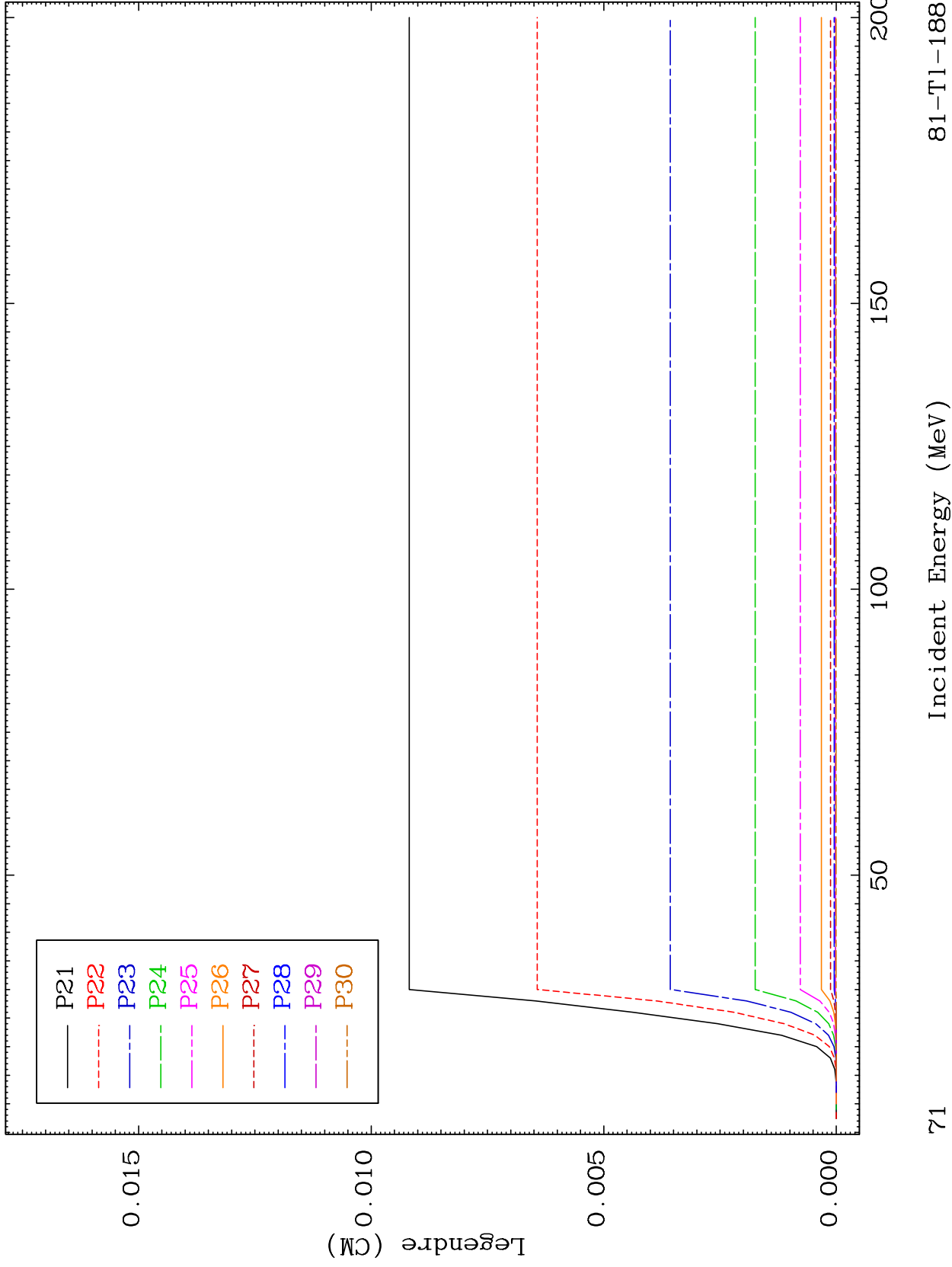
Incident Energy (MeV)

81-Tl-188

MAT 8080

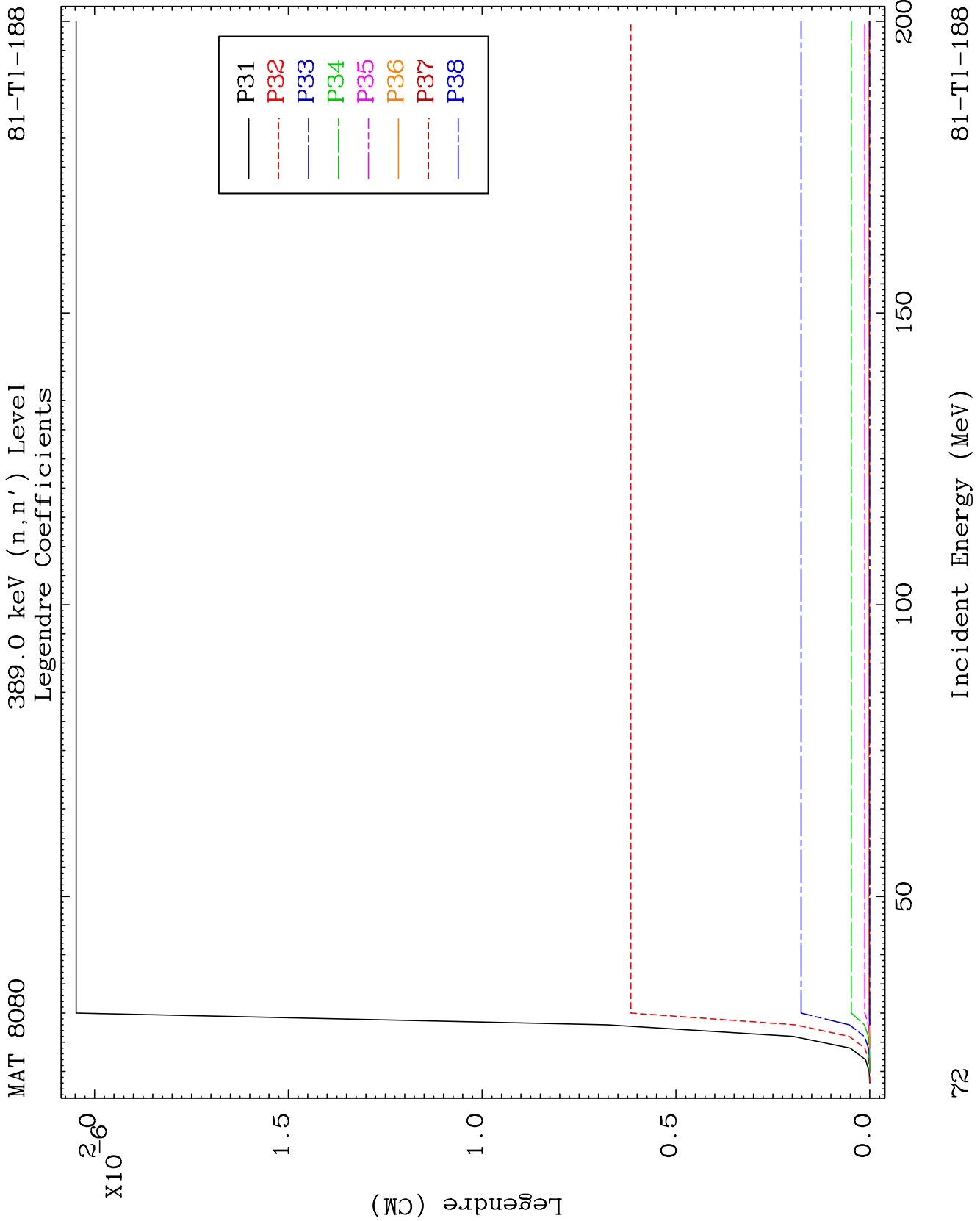
389.0 keV (n,n') Level
Legendre Coefficients

81-Tl-188

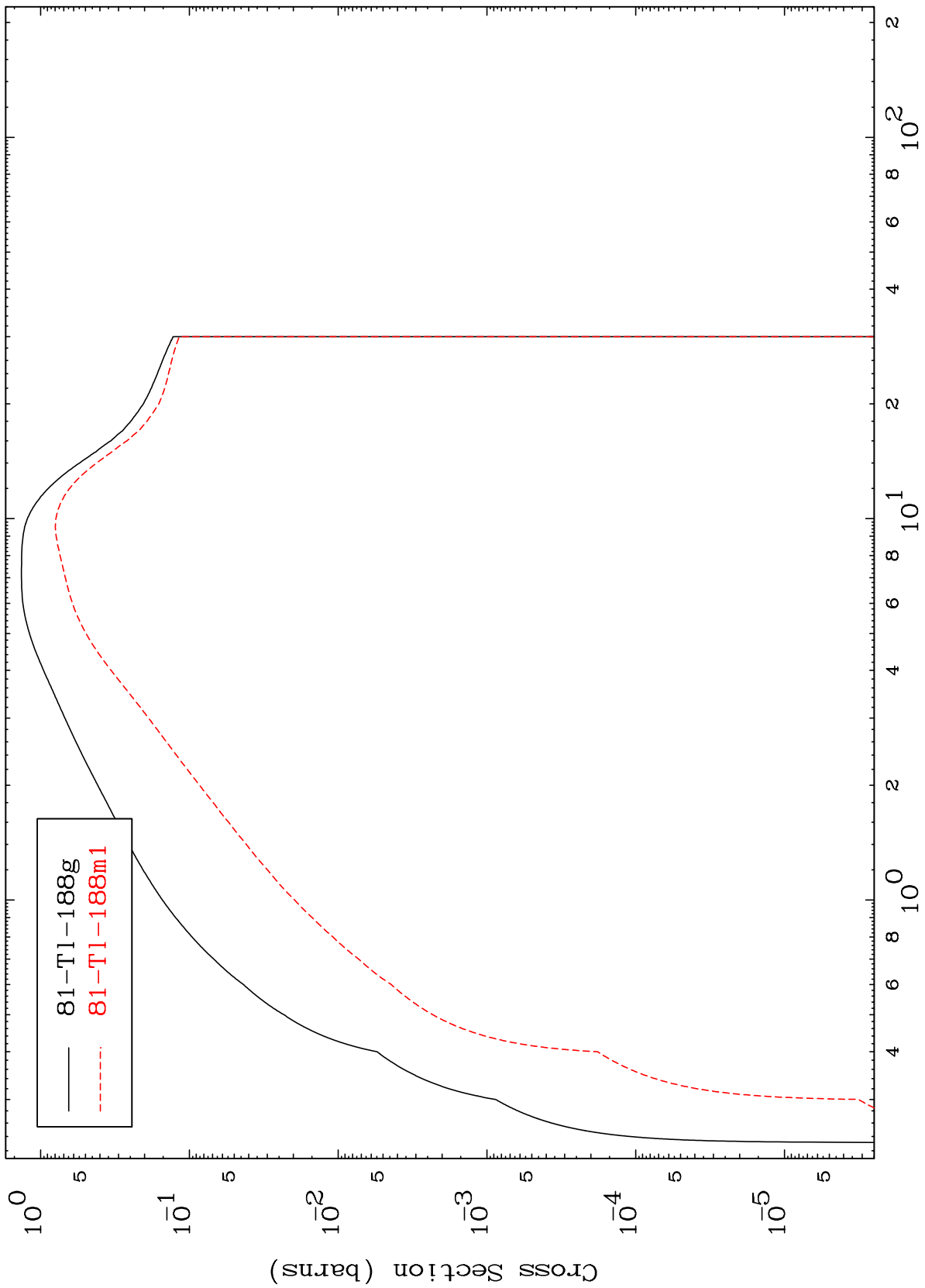


71

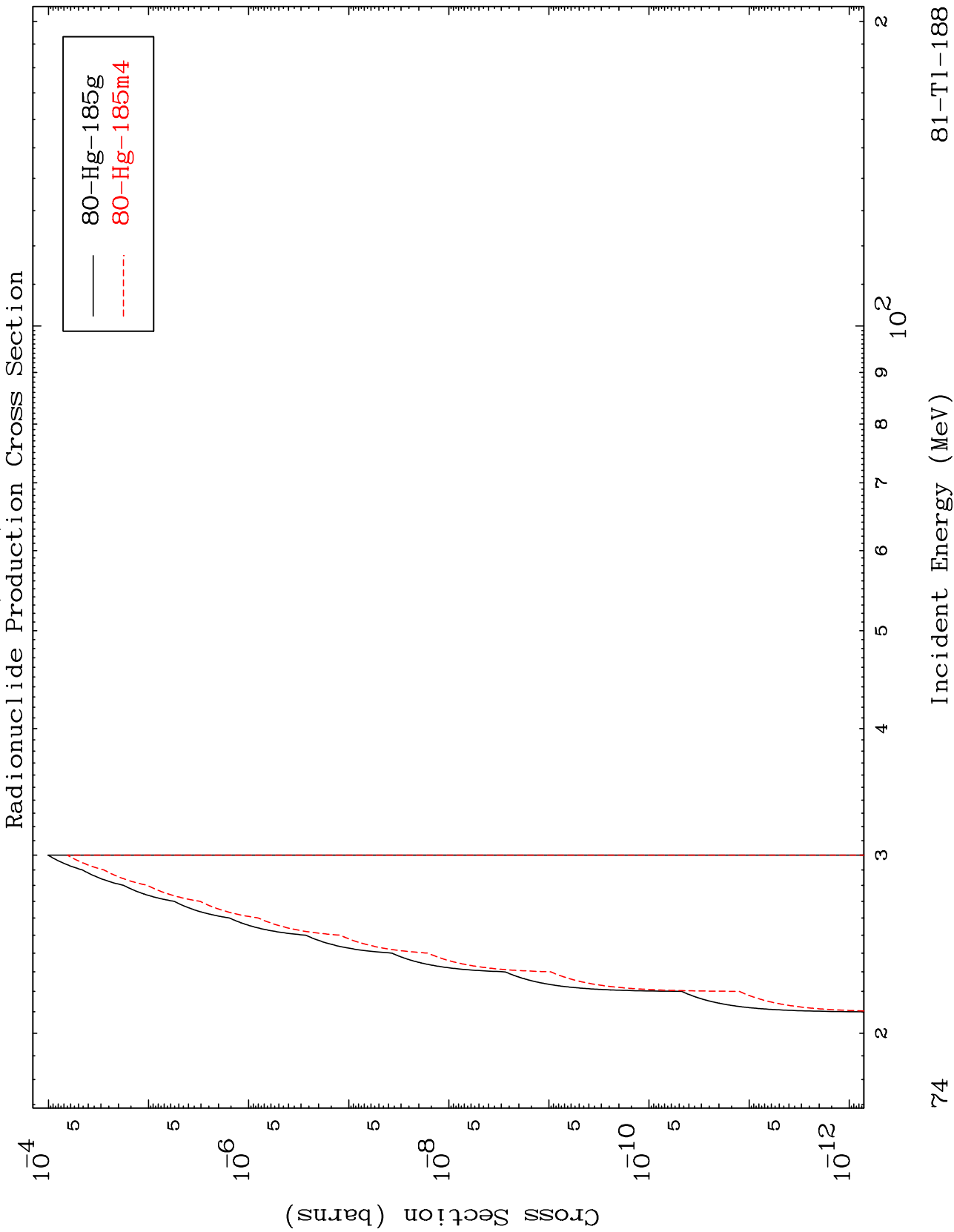
81-Tl-188



Inelastic
Radionuclide Production Cross Section



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

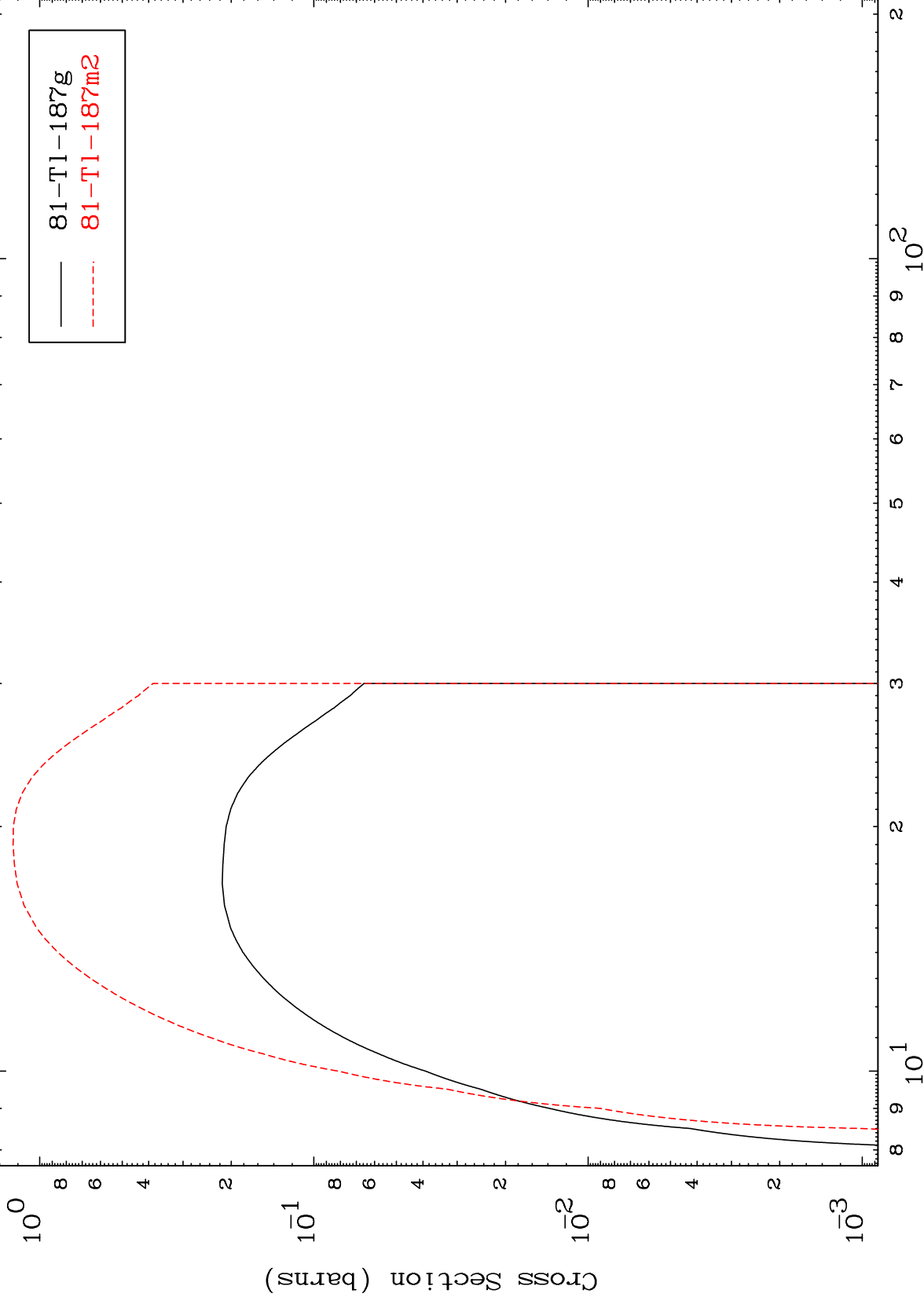


MAT 8080

(n,2n)

81-Tl-188

Radionuclide Production Cross Section



81-Tl-187g
81-Tl-187m2

75

Incident Energy (MeV)

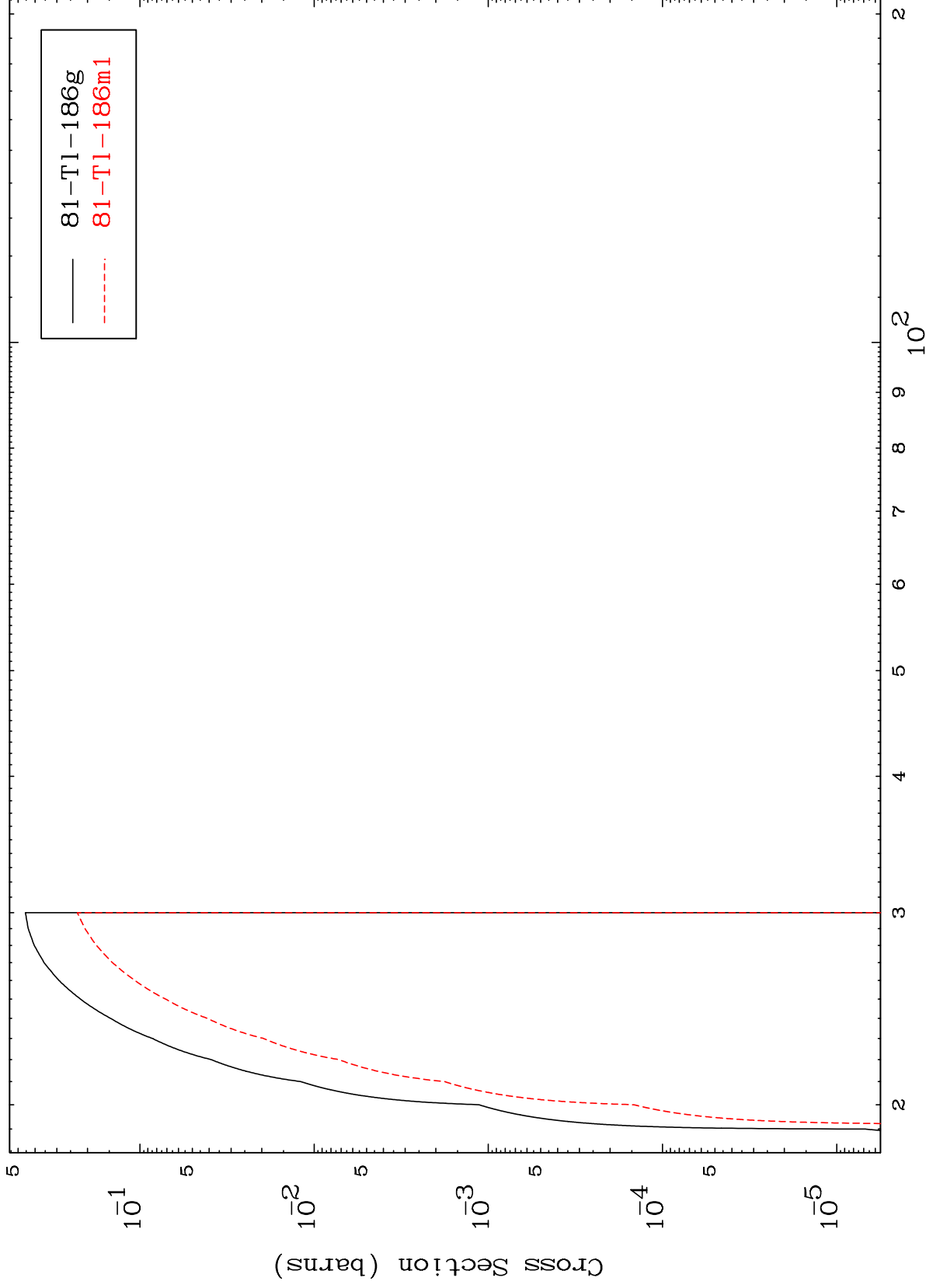
81-Tl-188

MAT 8080

(n,3n)

81-Tl-188

Radionuclide Production Cross Section



76

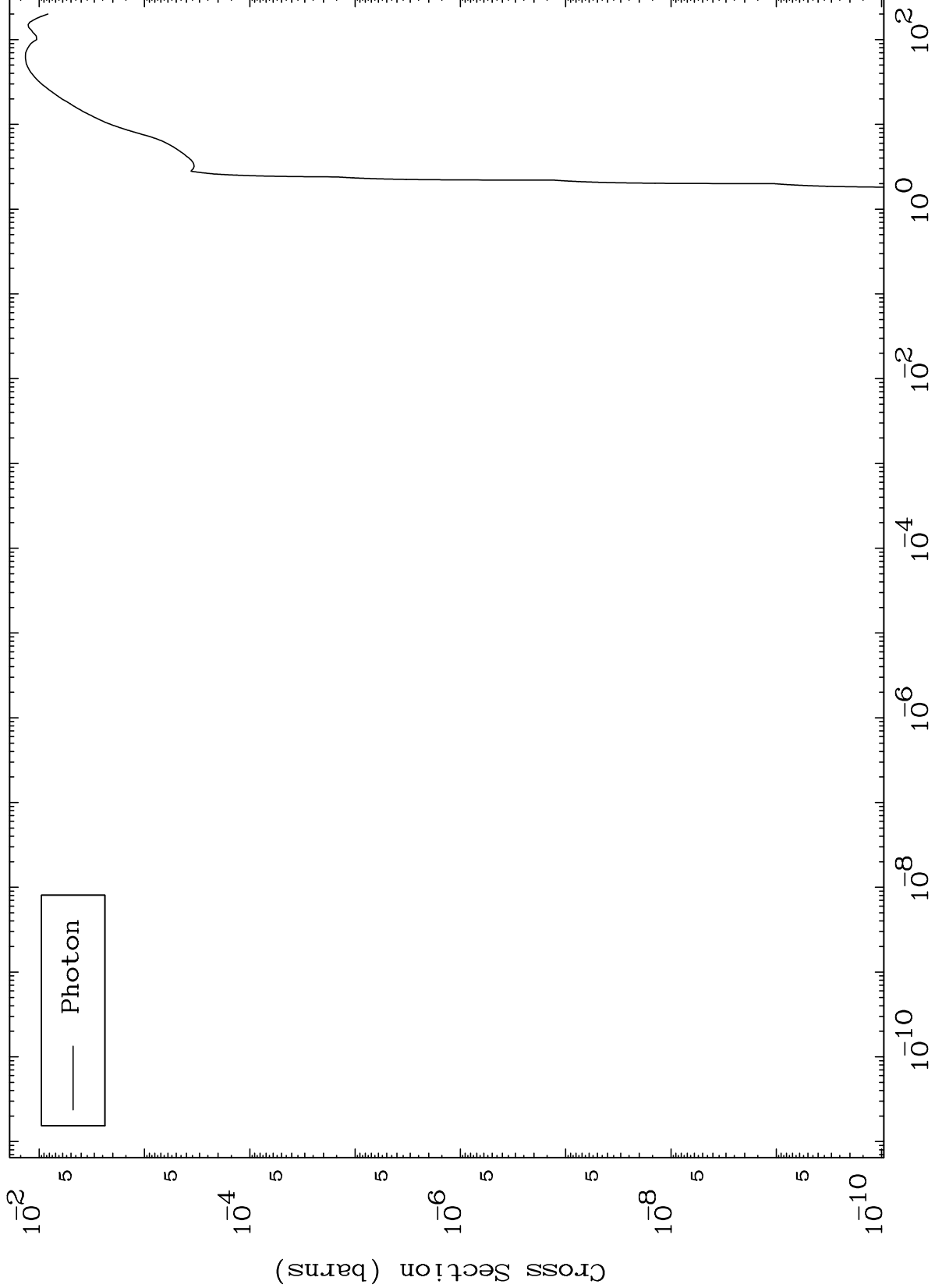
Incident Energy (MeV)

81-Tl-188

MAT 8080

Fission
Radionuclide Production Cross Section

81-Tl-188



77

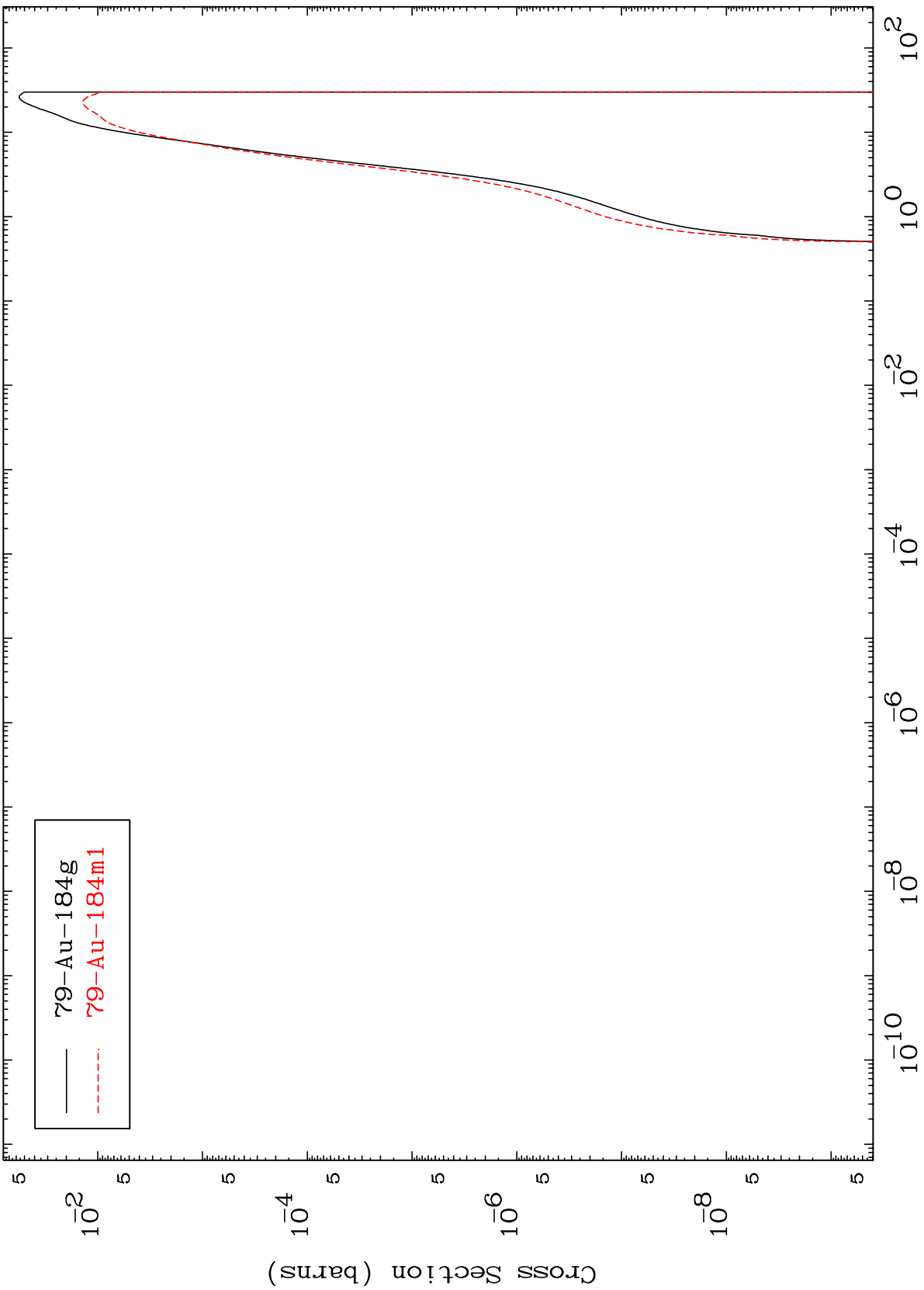
81-Tl-188

MAT 8080

$(n, n') \alpha$

81-Tl-188

Radionuclide Production Cross Section



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

78

Incident Energy (MeV)

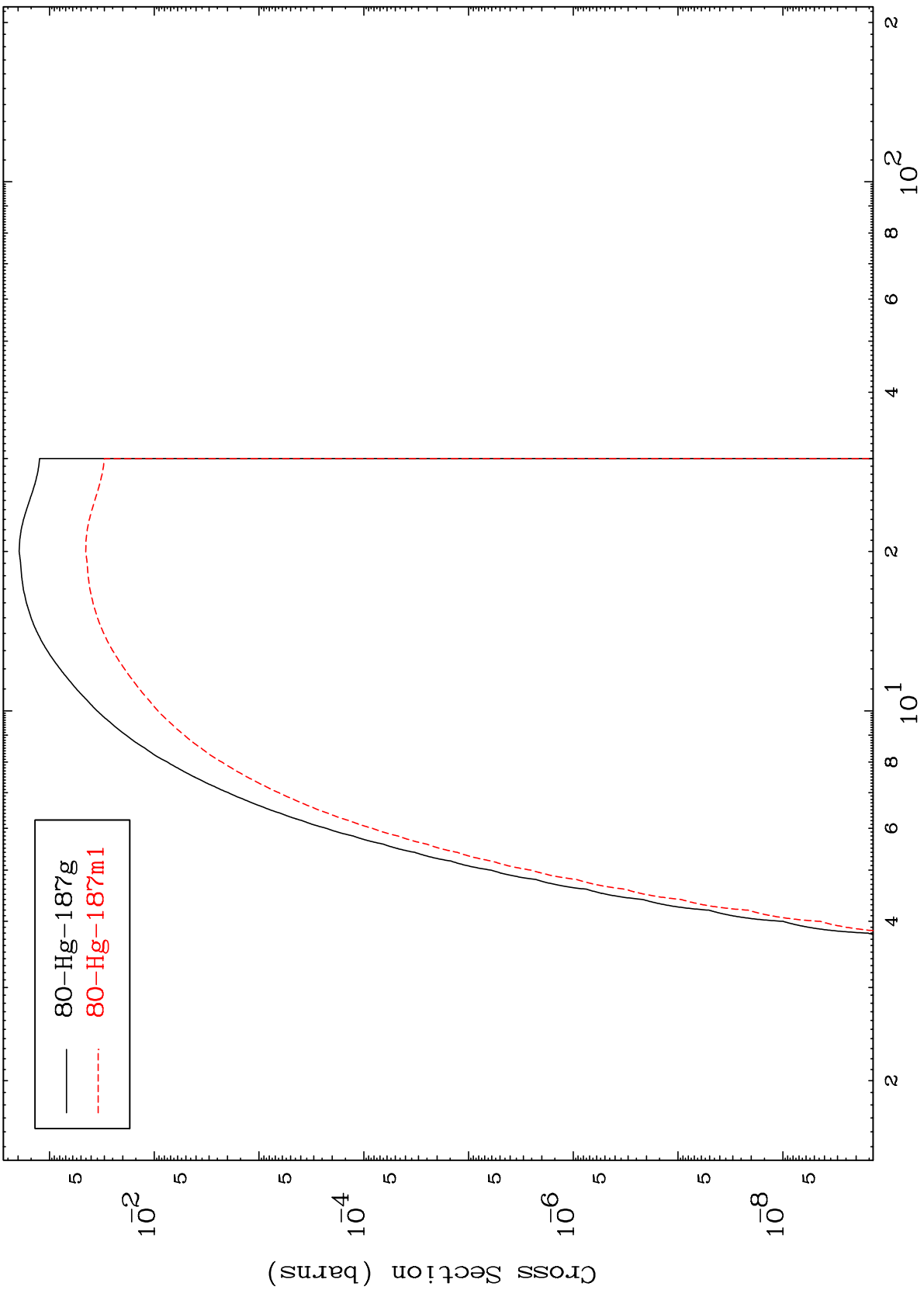
81-Tl-188

MAT 8080

81-Tl-188

Radionuclide Production Cross Section

(n,n') p



80-Hg-187g
80-Hg-187m1

79

Incident Energy (MeV)

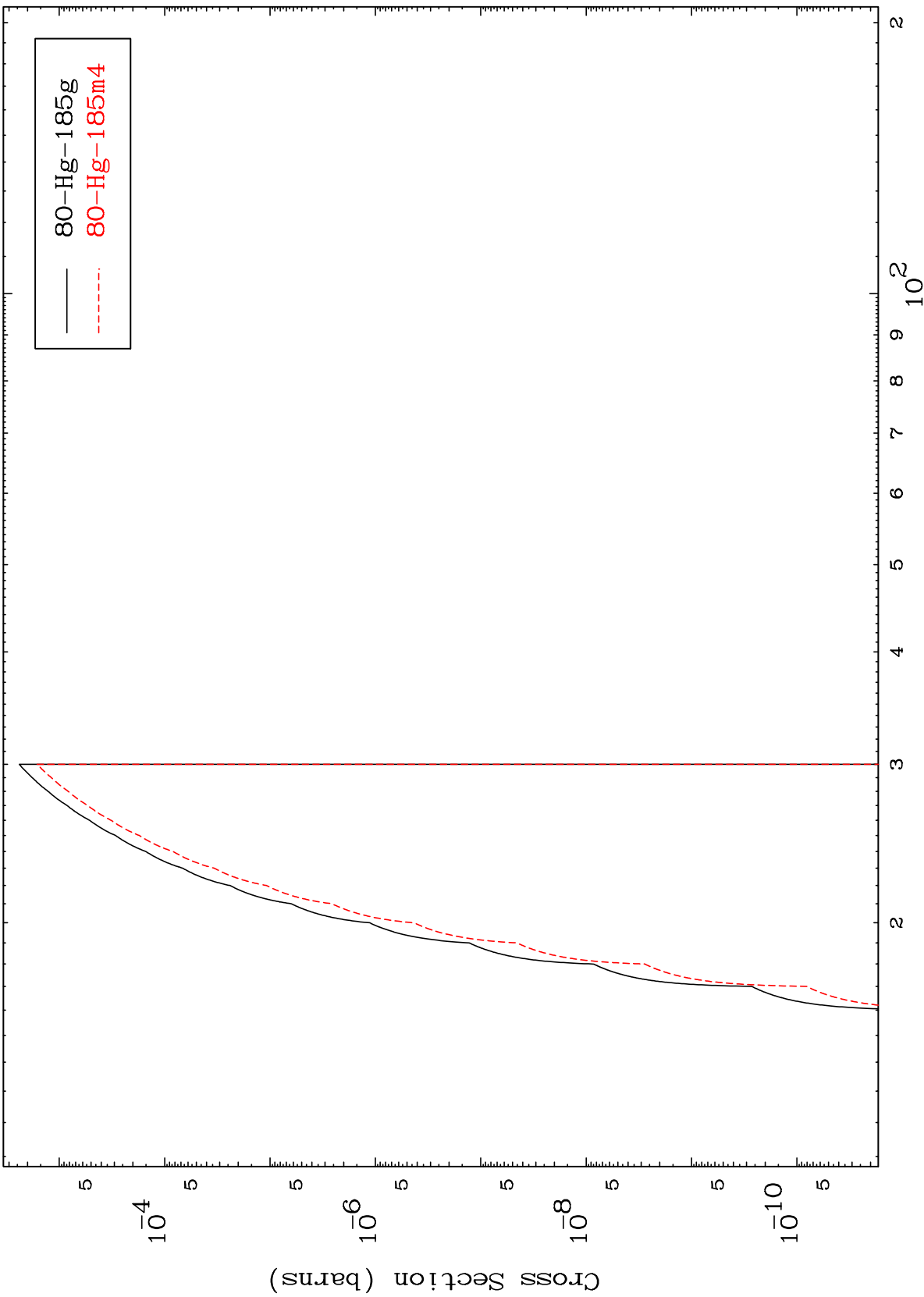
81-Tl-188

MAT 8080

(n,n') t

81-Tl-188

Radionuclide Production Cross Section



80

Incident Energy (MeV)

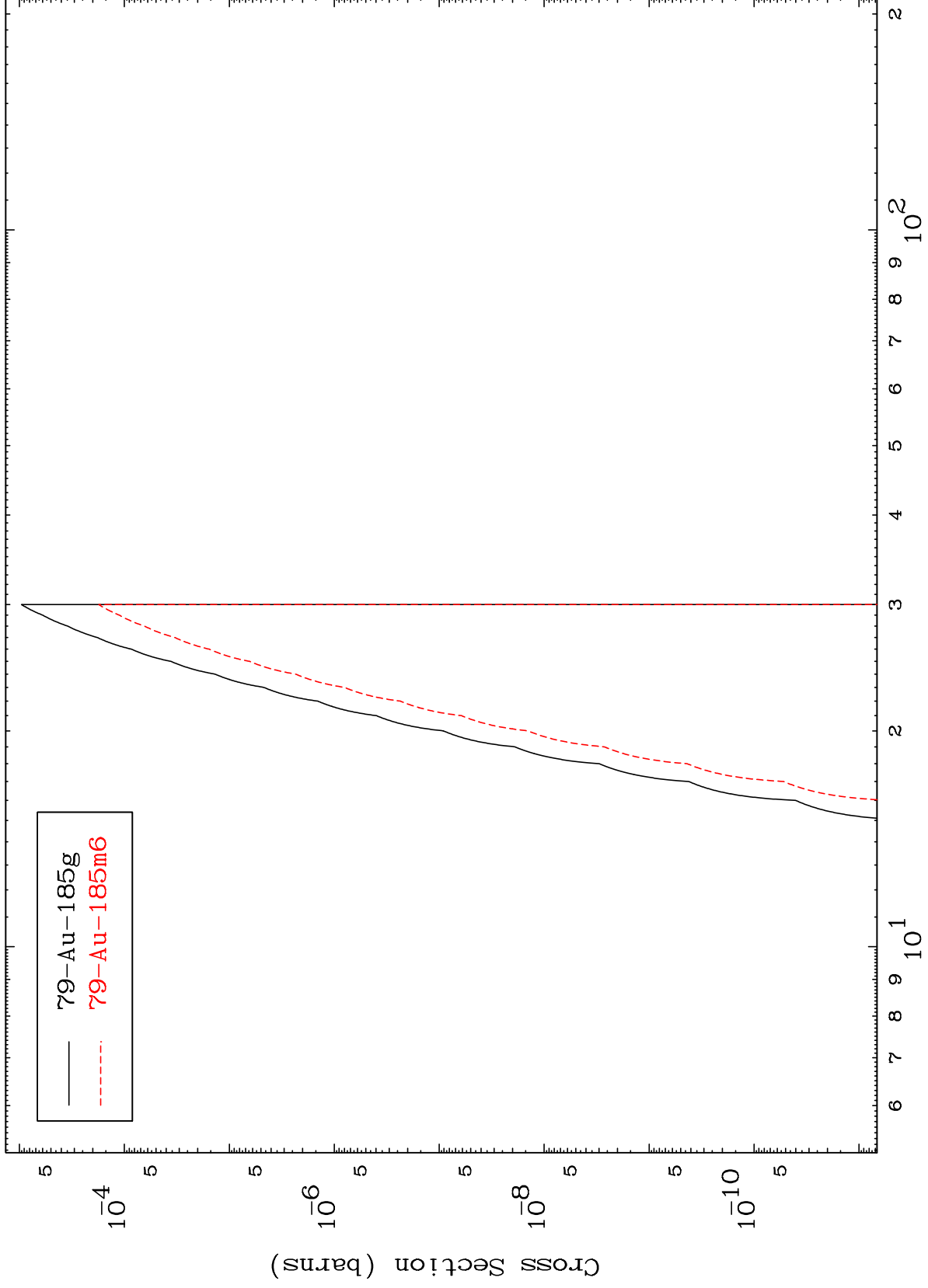
81-Tl-188

MAT 8080

(n,n') He-3

81-Tl-188

Radionuclide Production Cross Section



81

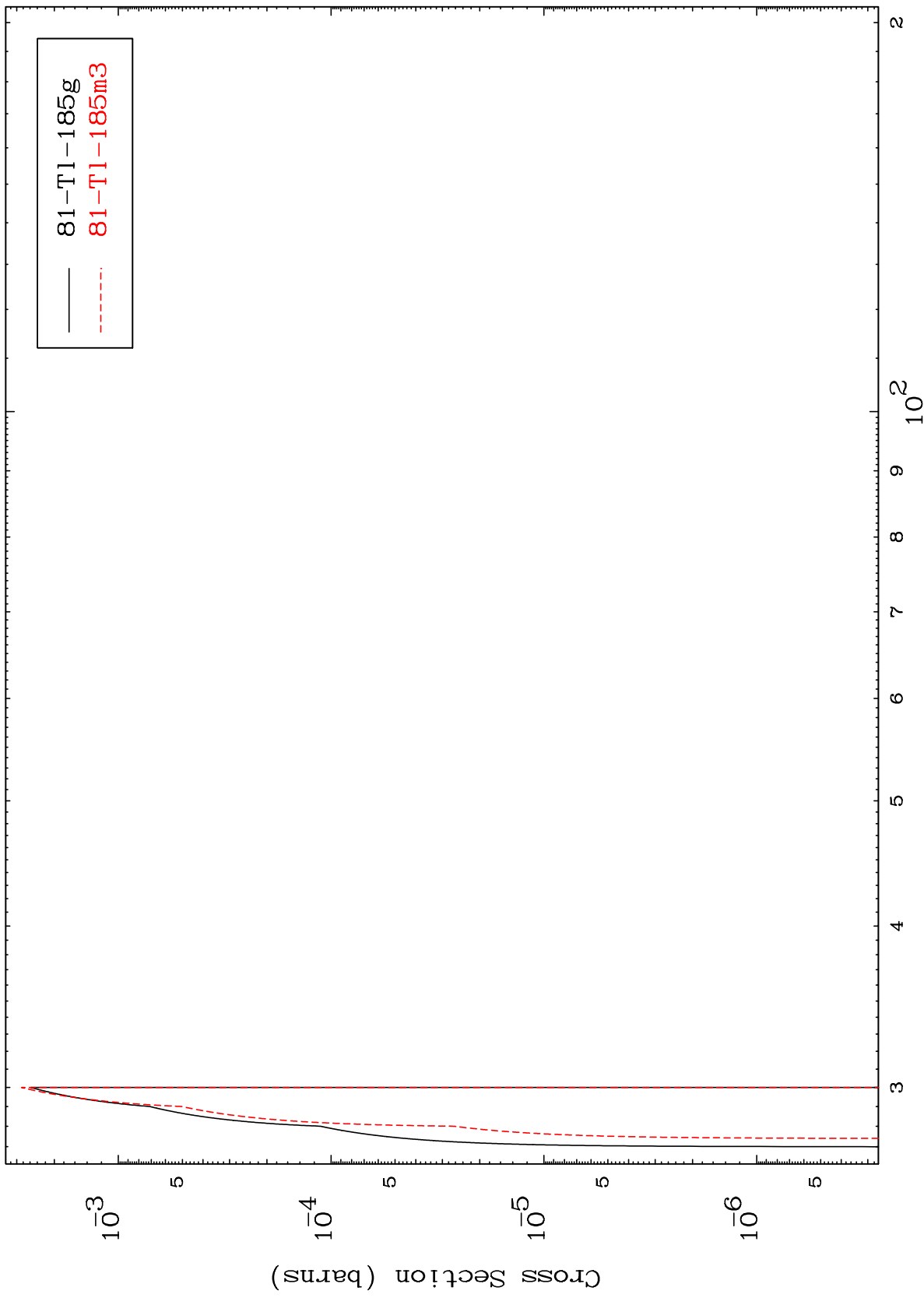
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

(n,4n)
Radionuclide Production Cross Section

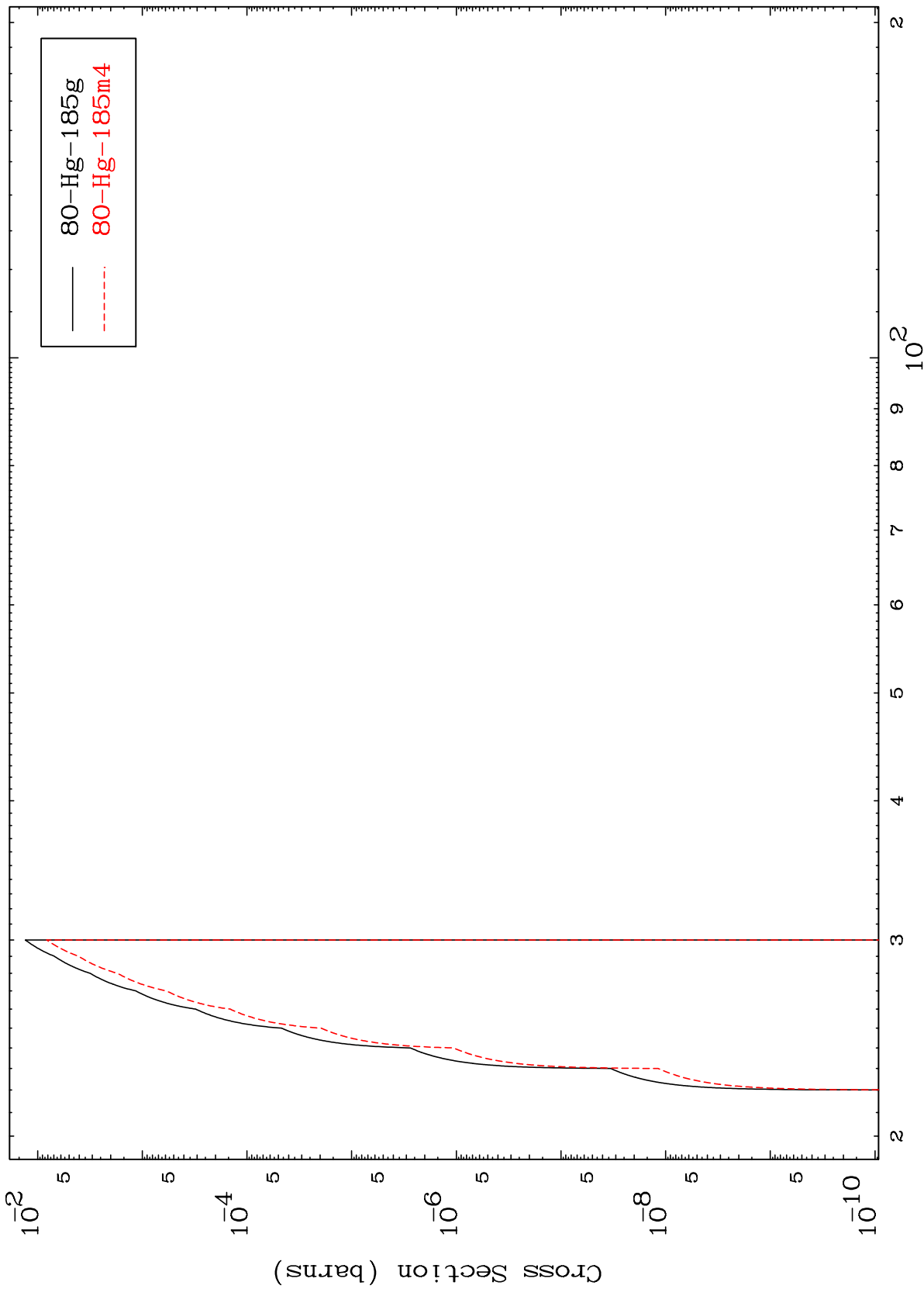


82

81-Tl-188

Incident Energy (MeV)

Radionuclide Production Cross Section

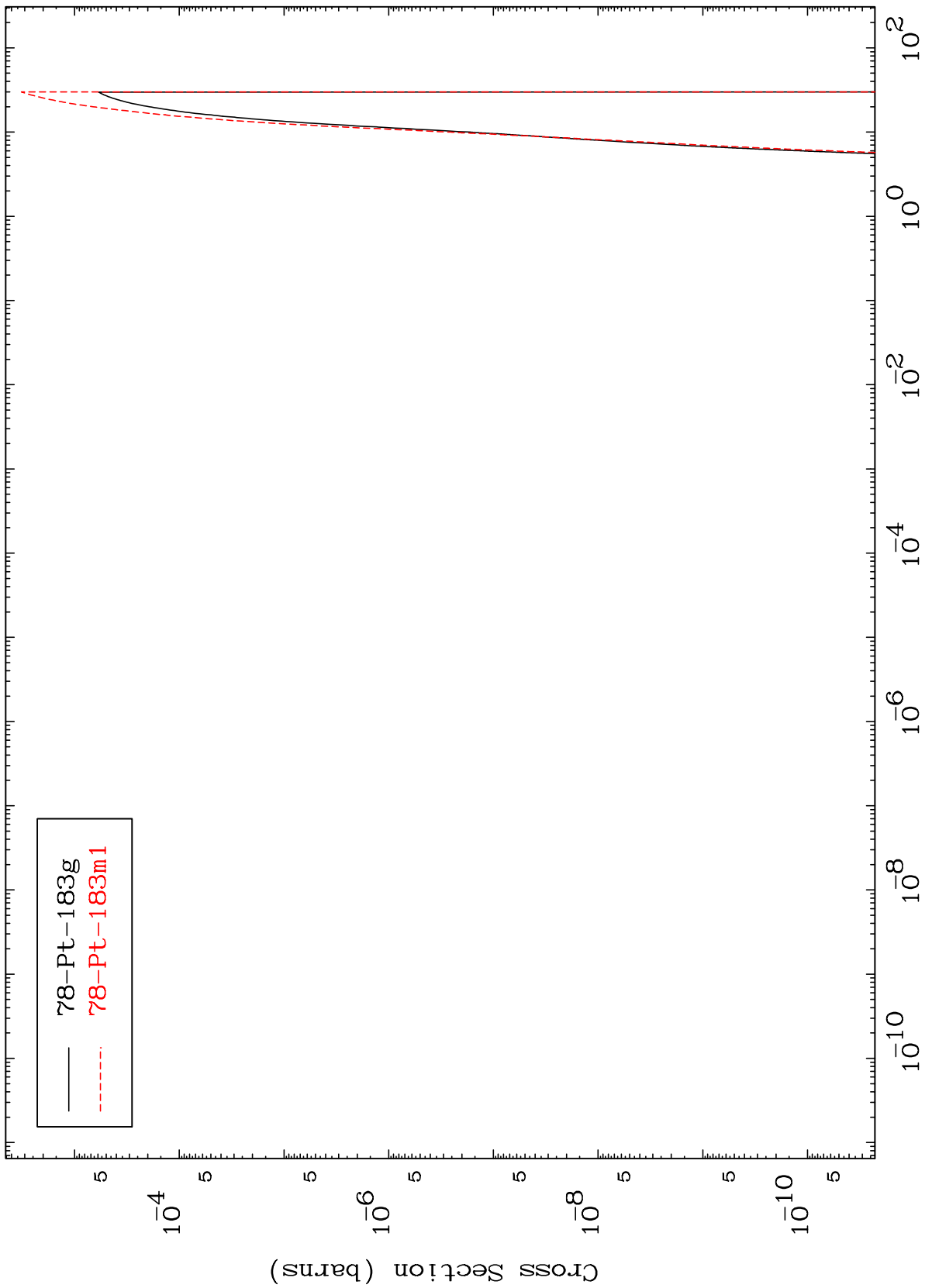


MAT 8080

(n,n') p α

81-Tl-188

Radionuclide Production Cross Section



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

84

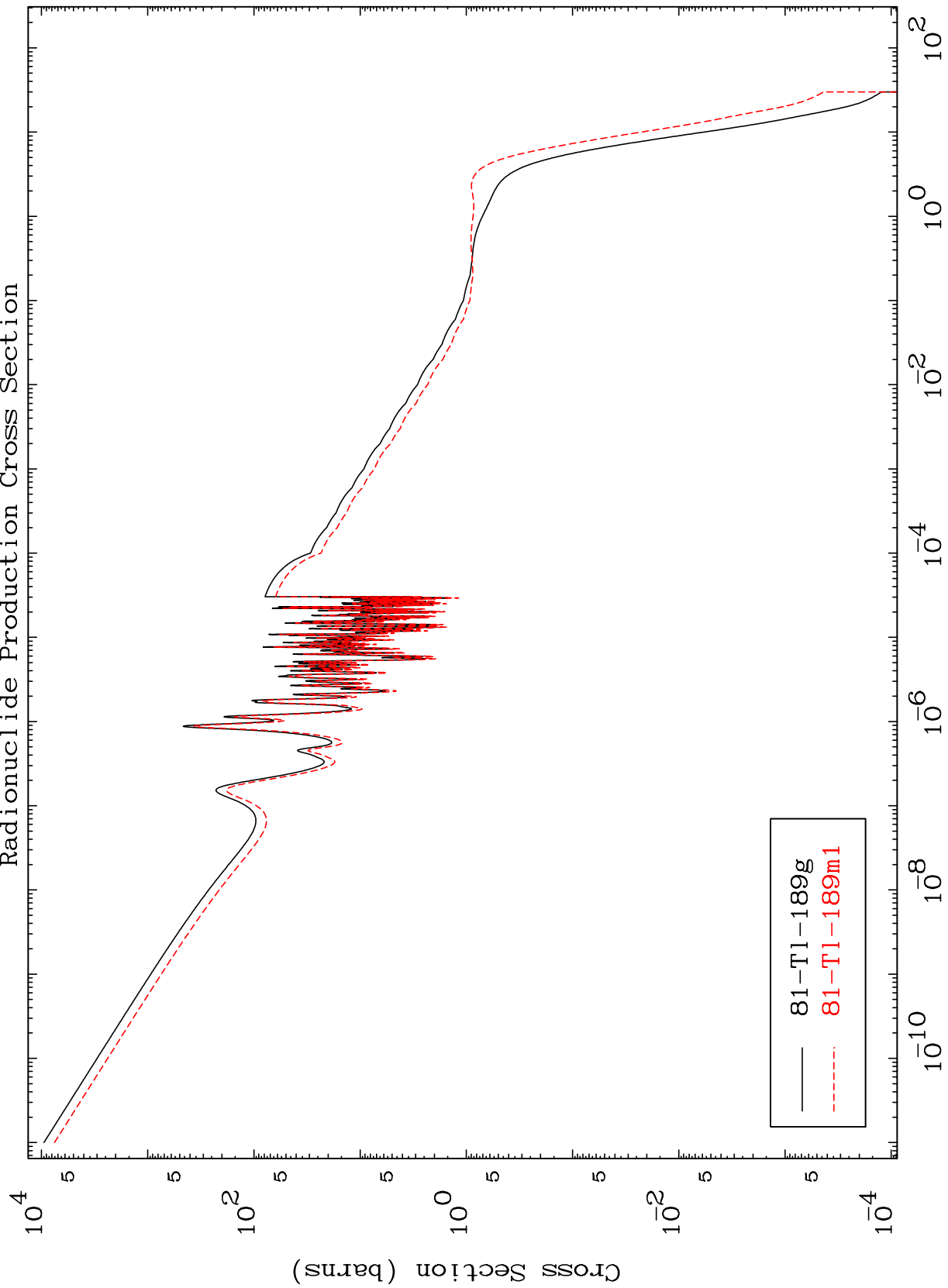
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

Radionuclide Production Cross Section
(n, γ)



85

81-Tl-188

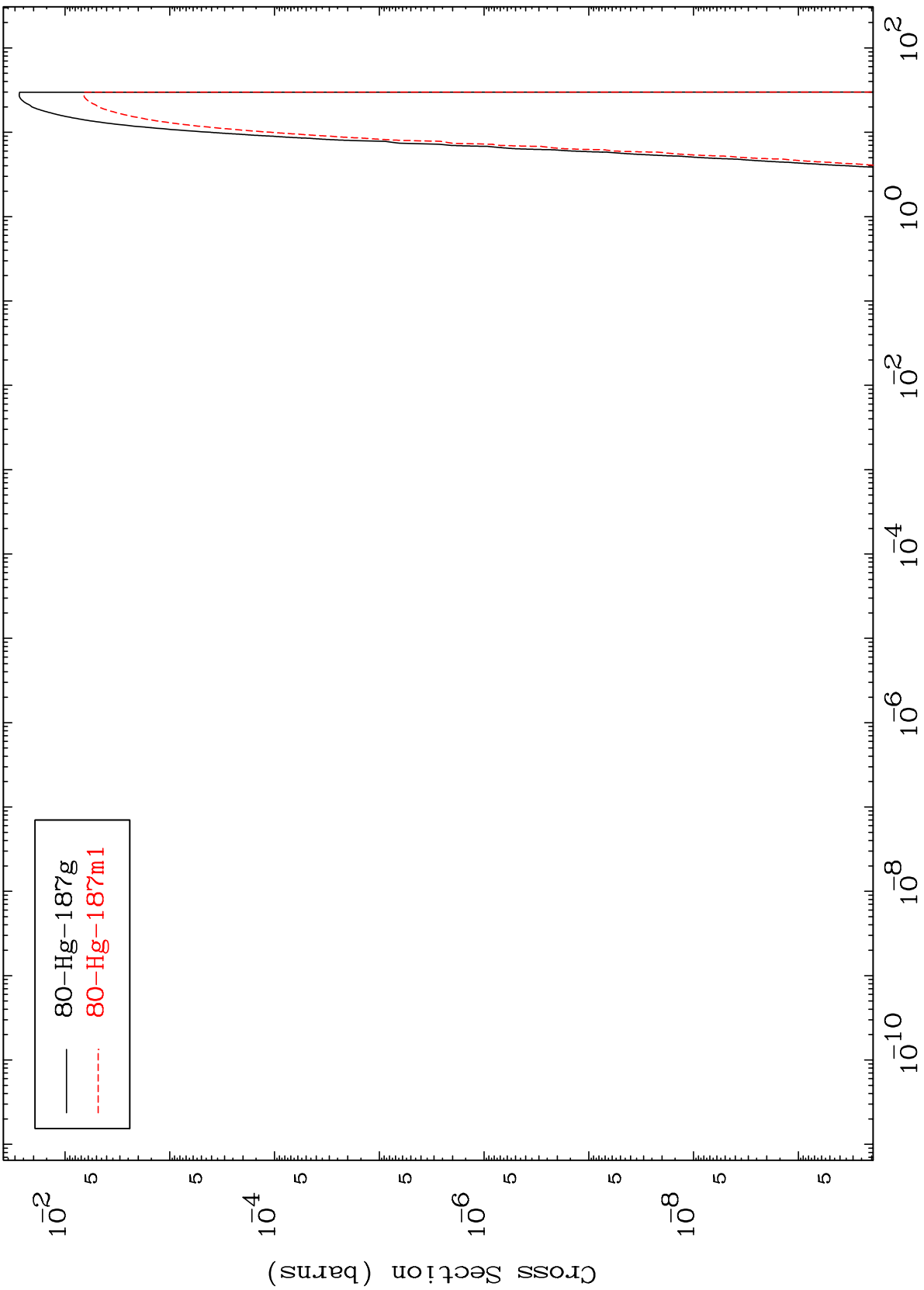
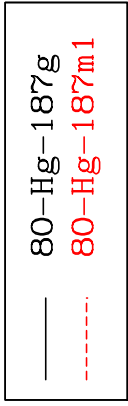
Incident Energy (MeV)

MAT 8080

(n,d)

81-Tl-188

Radionuclide Production Cross Section



86

Incident Energy (MeV)

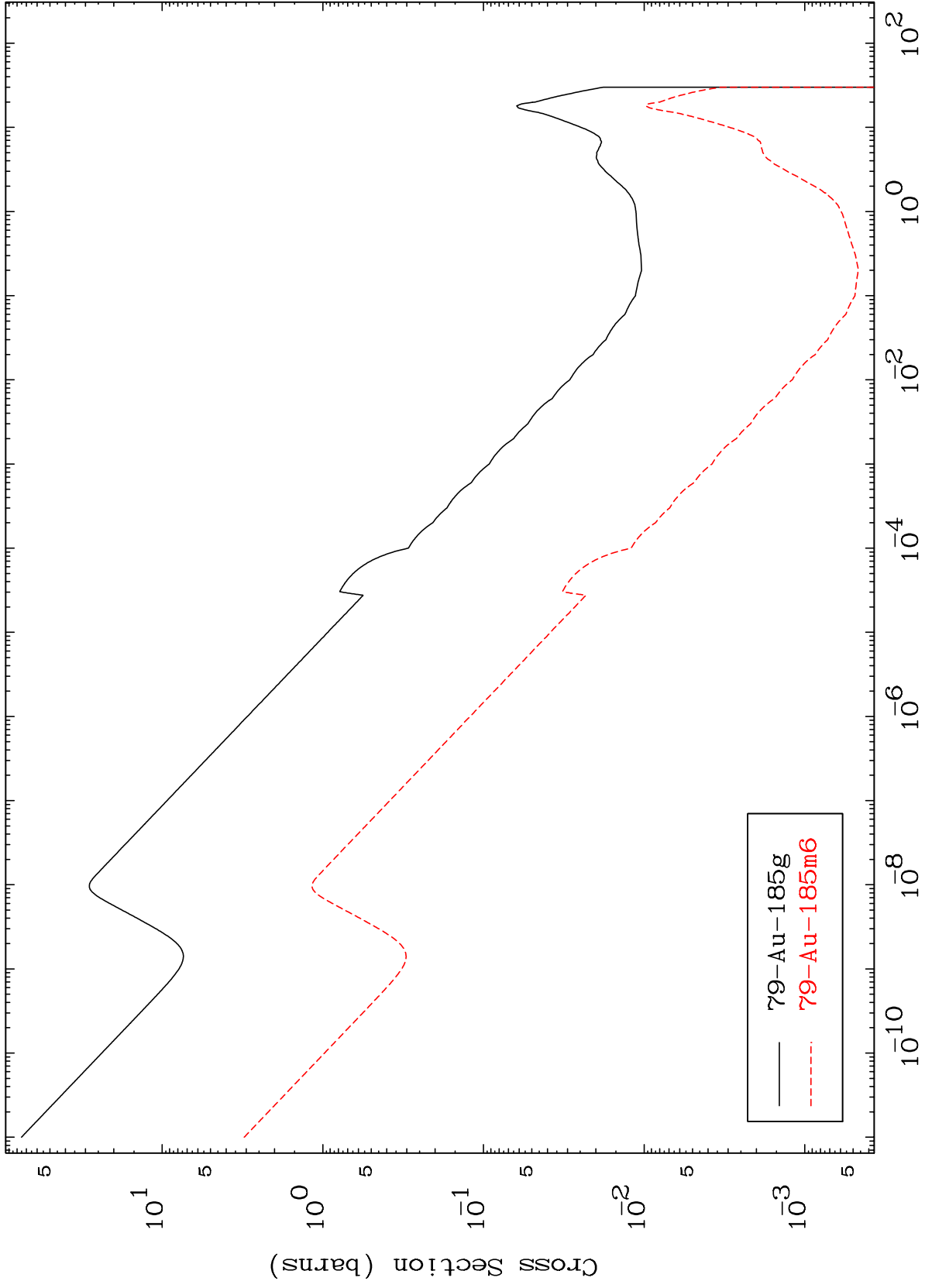
81-Tl-188

MAT 8080

81-Tl-188

Radionuclide Production Cross Section

(n, α)



87

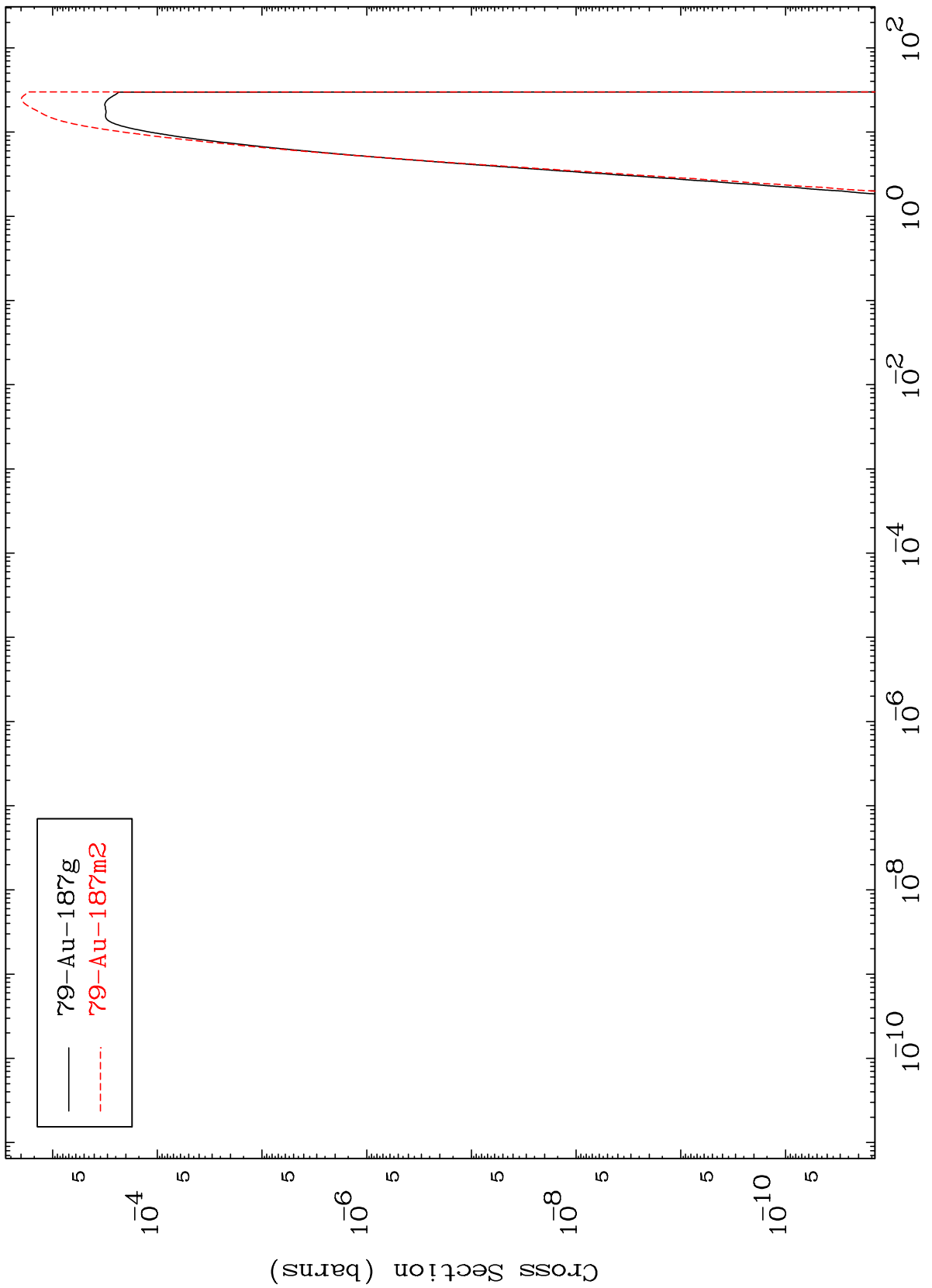
81-Tl-188

MAT 8080

(n,2p)

81-Tl-188

Radionuclide Production Cross Section

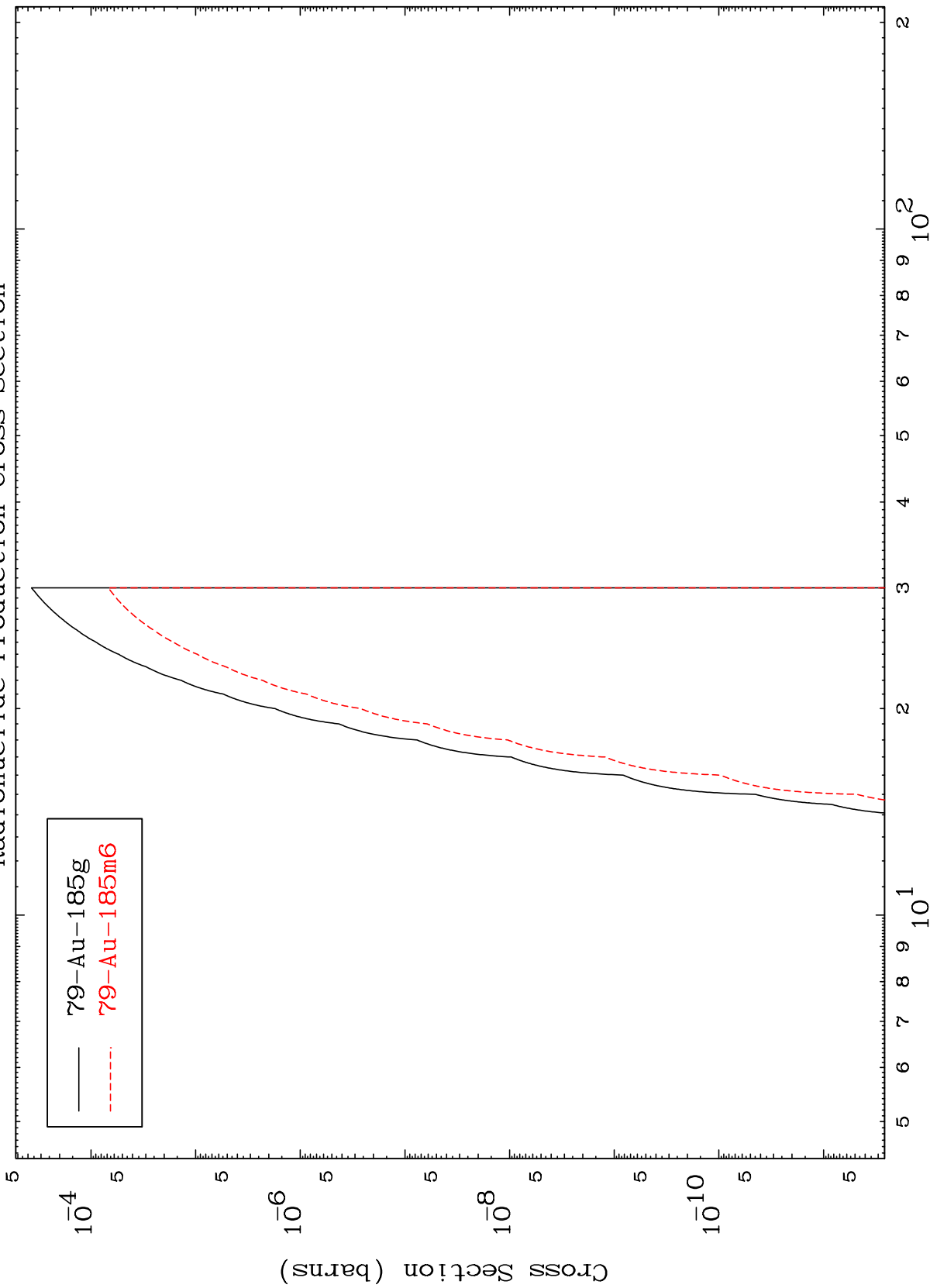


MAT 8080

(n,p) t

81-Tl-188

Radionuclide Production Cross Section



89

Incident Energy (MeV)

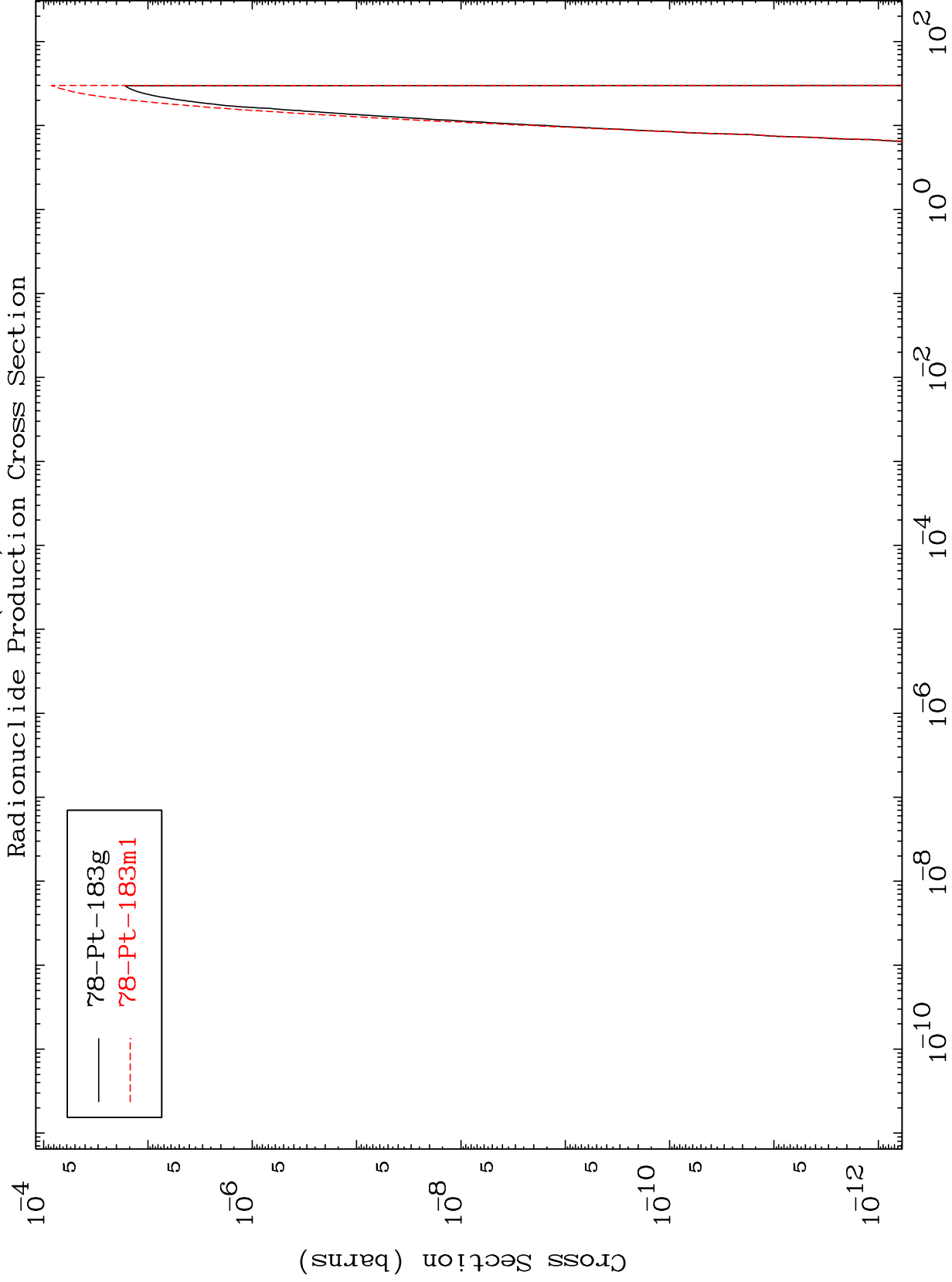
81-Tl-188

MAT 8080

(n,d) α

81-Tl-188

Radionuclide Production Cross Section



90

Incident Energy (MeV)

81-Tl-188