

Program EVALPLOT
(Version 2021-1)

by

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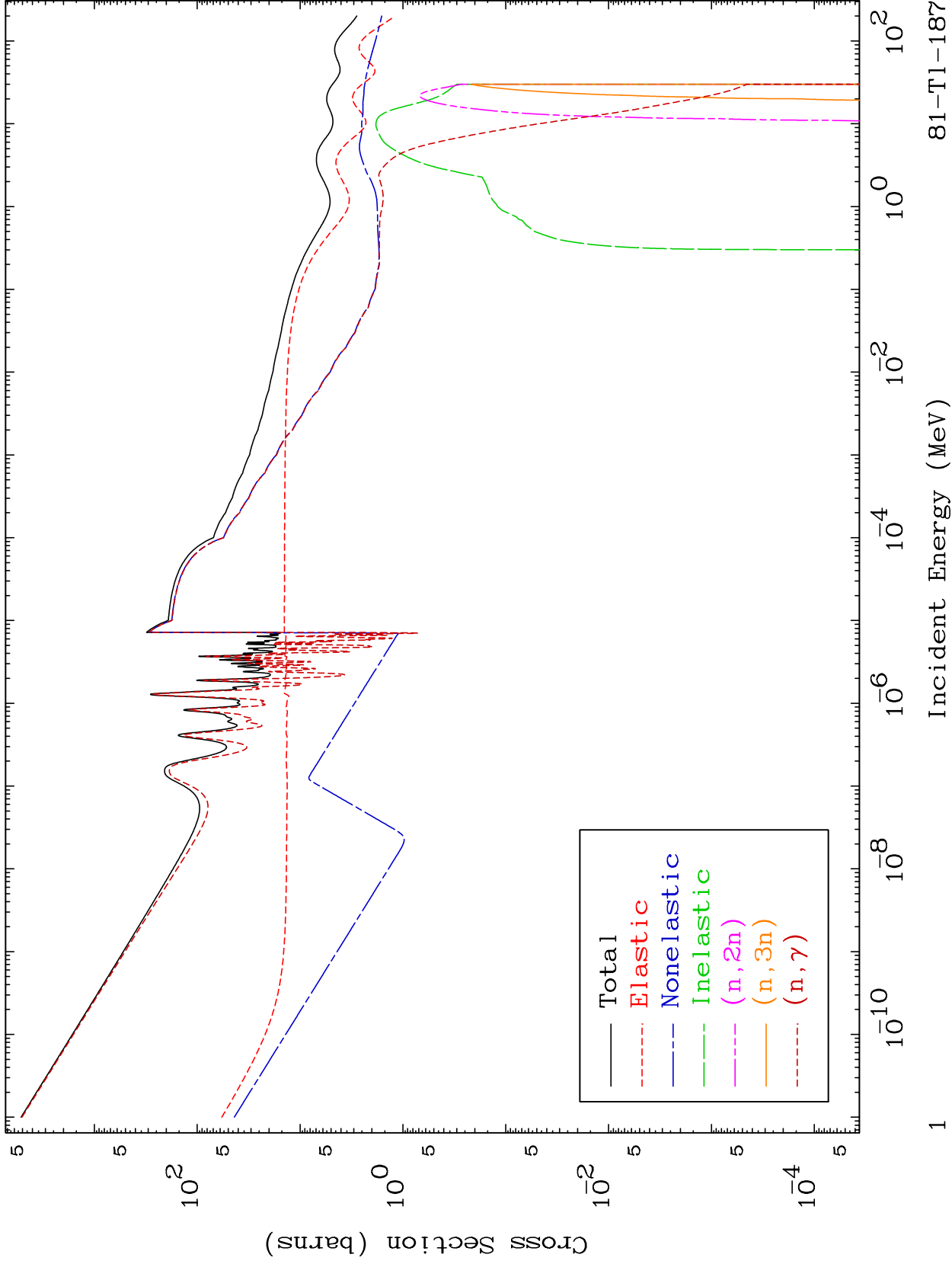
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8077

Neutron Major
293 Kelvin Cross Sections

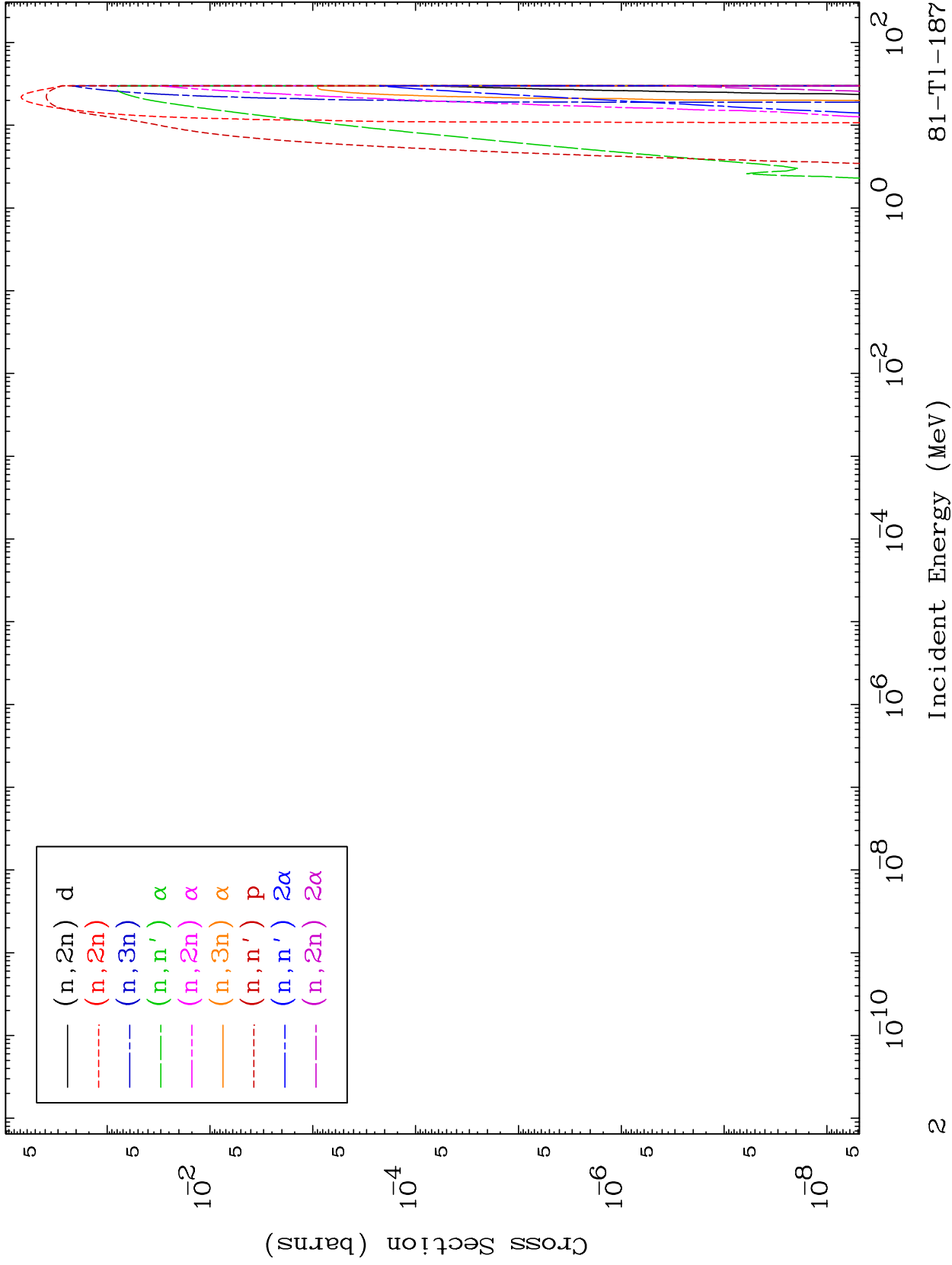
81-Tl-187

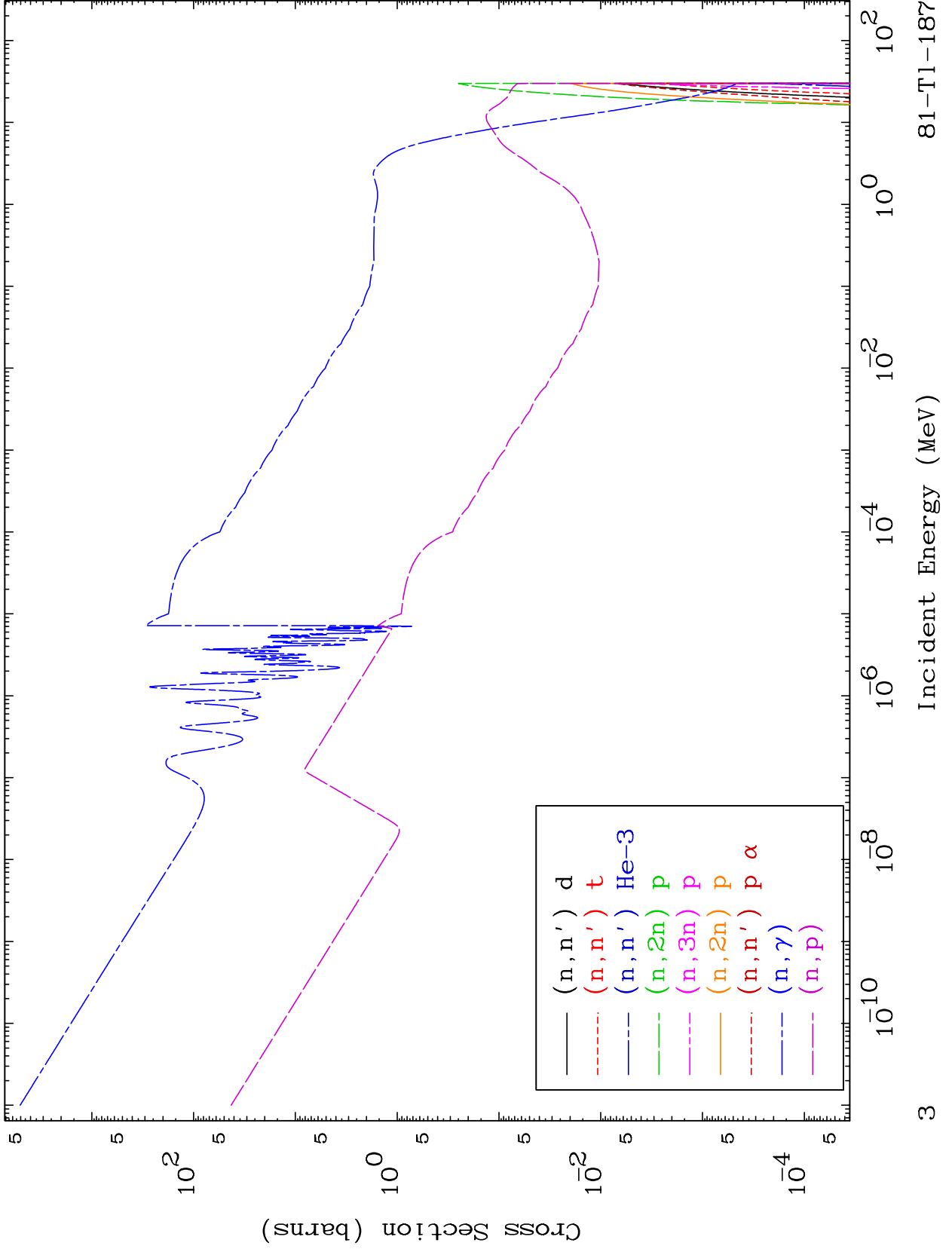


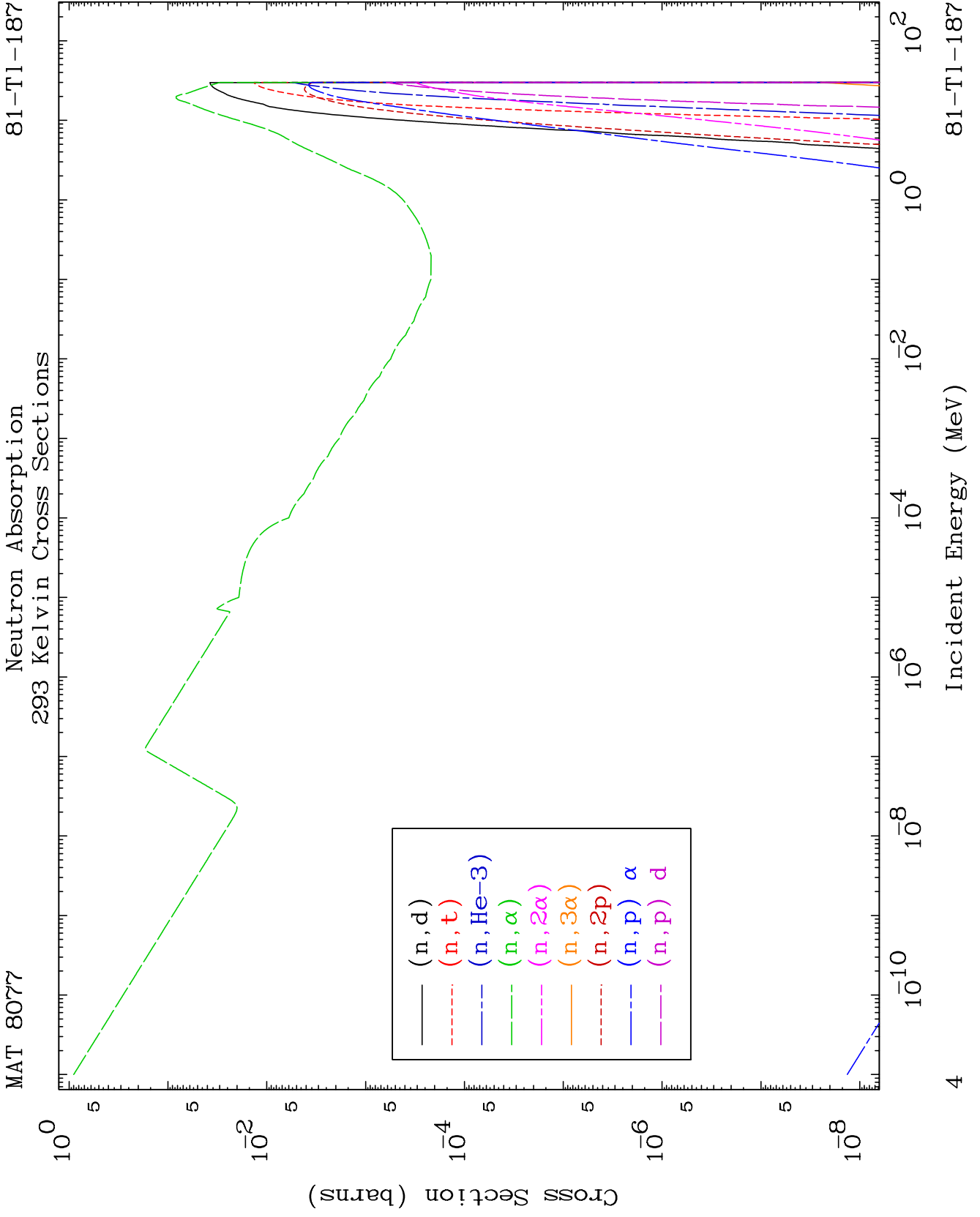
MAT 8077

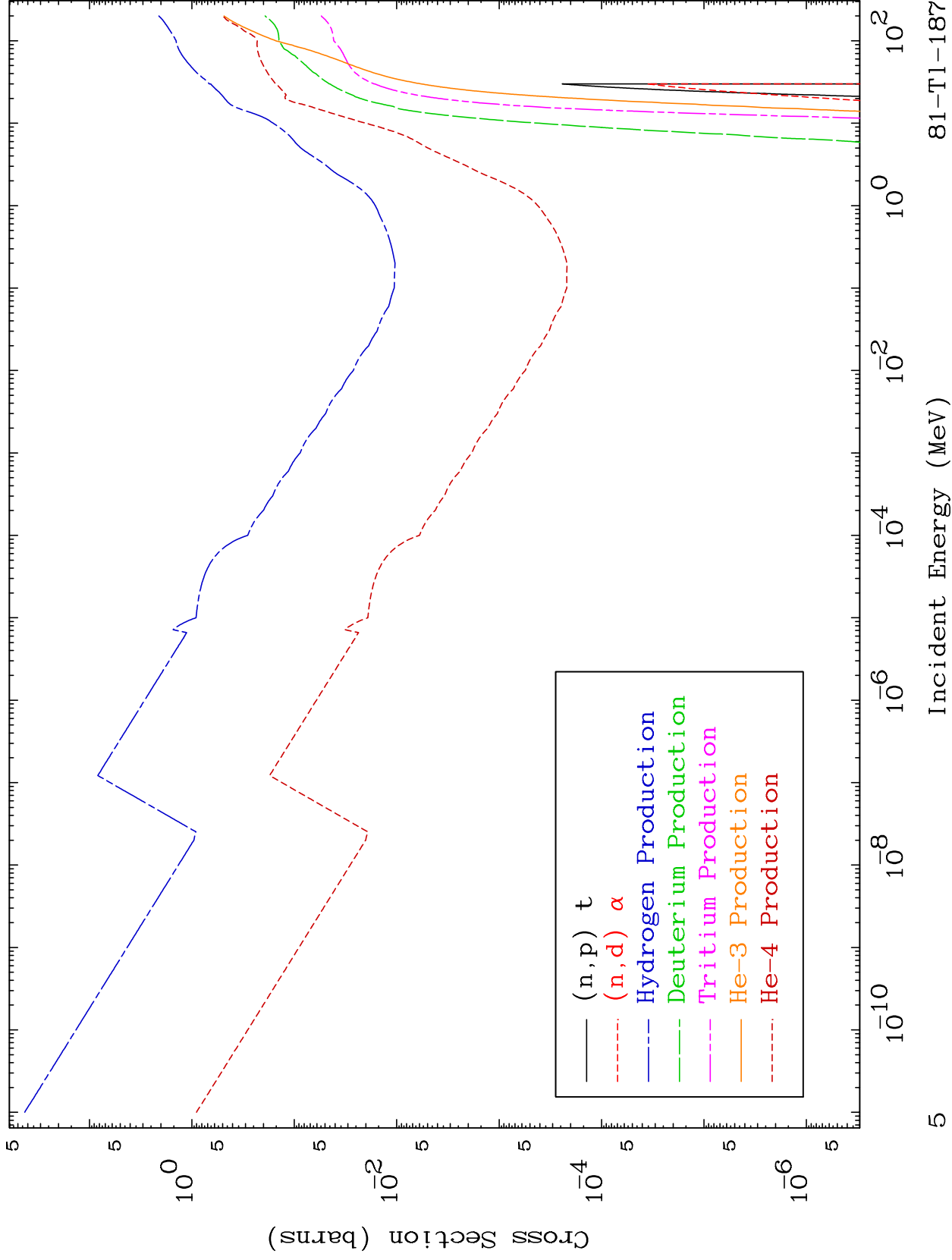
Neutron Absorption
293 Kelvin Cross Sections

81-Tl-187





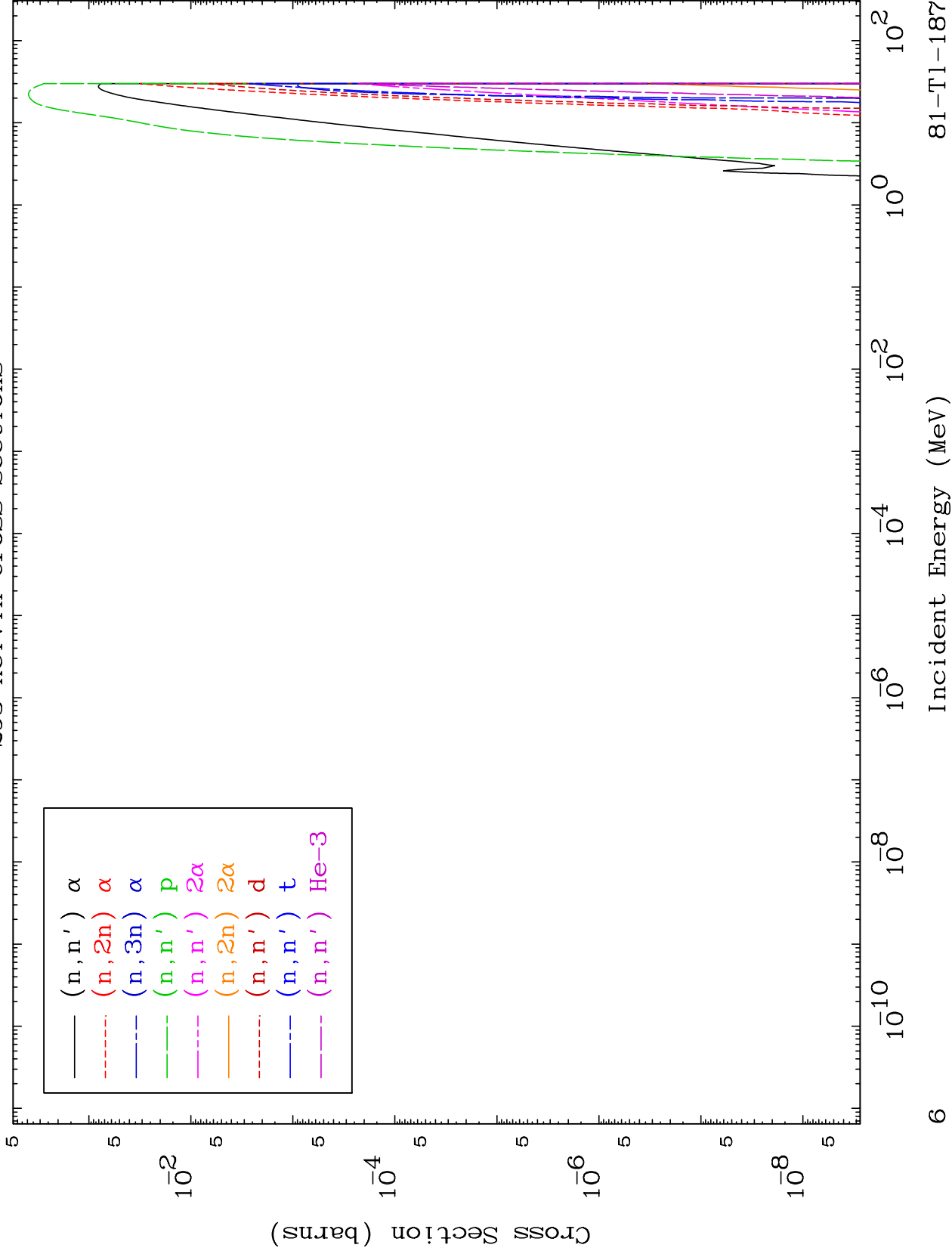




MAT 8077

Charged Particle
293 Kelvin Cross Sections

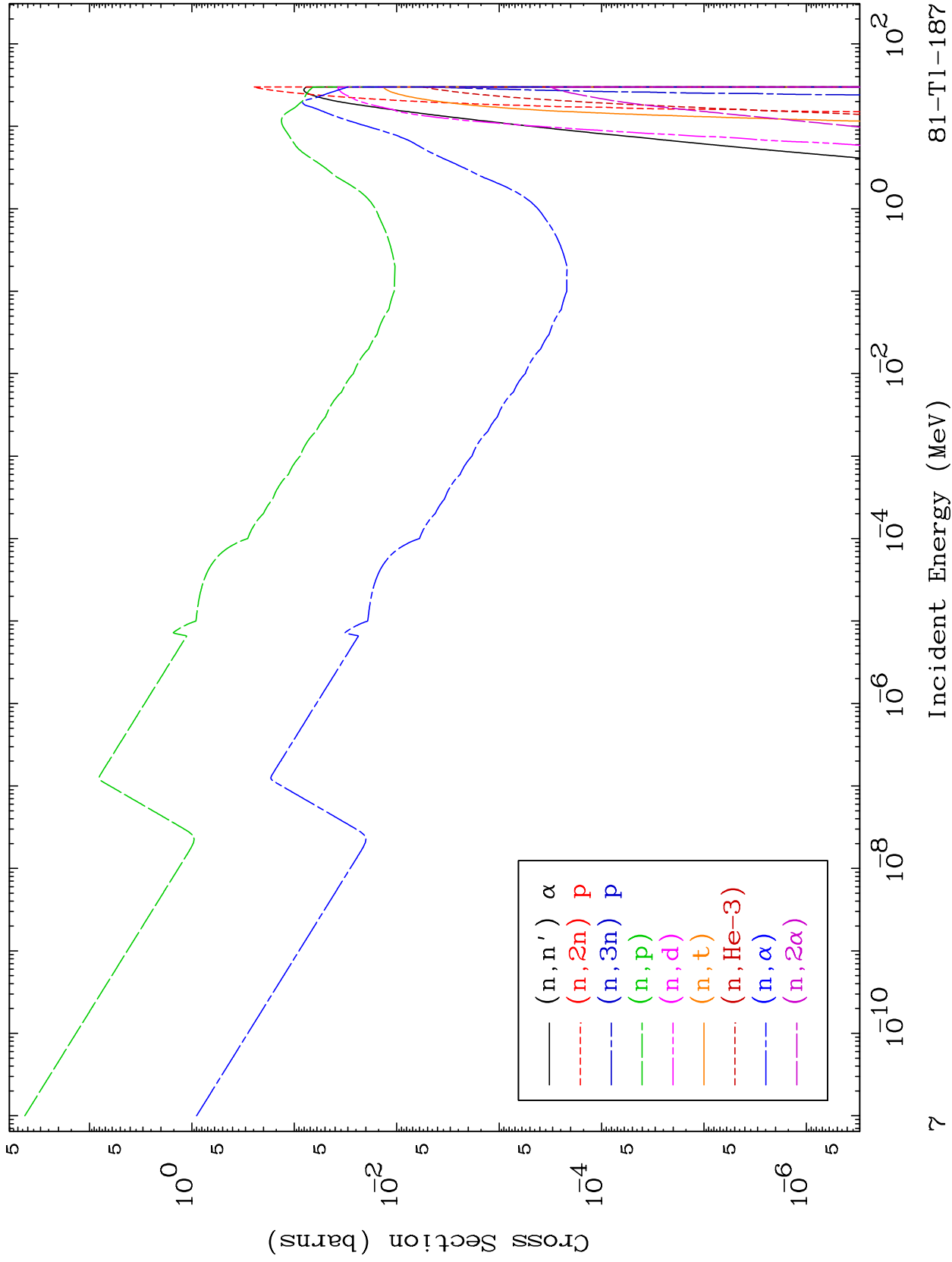
81-Tl-187

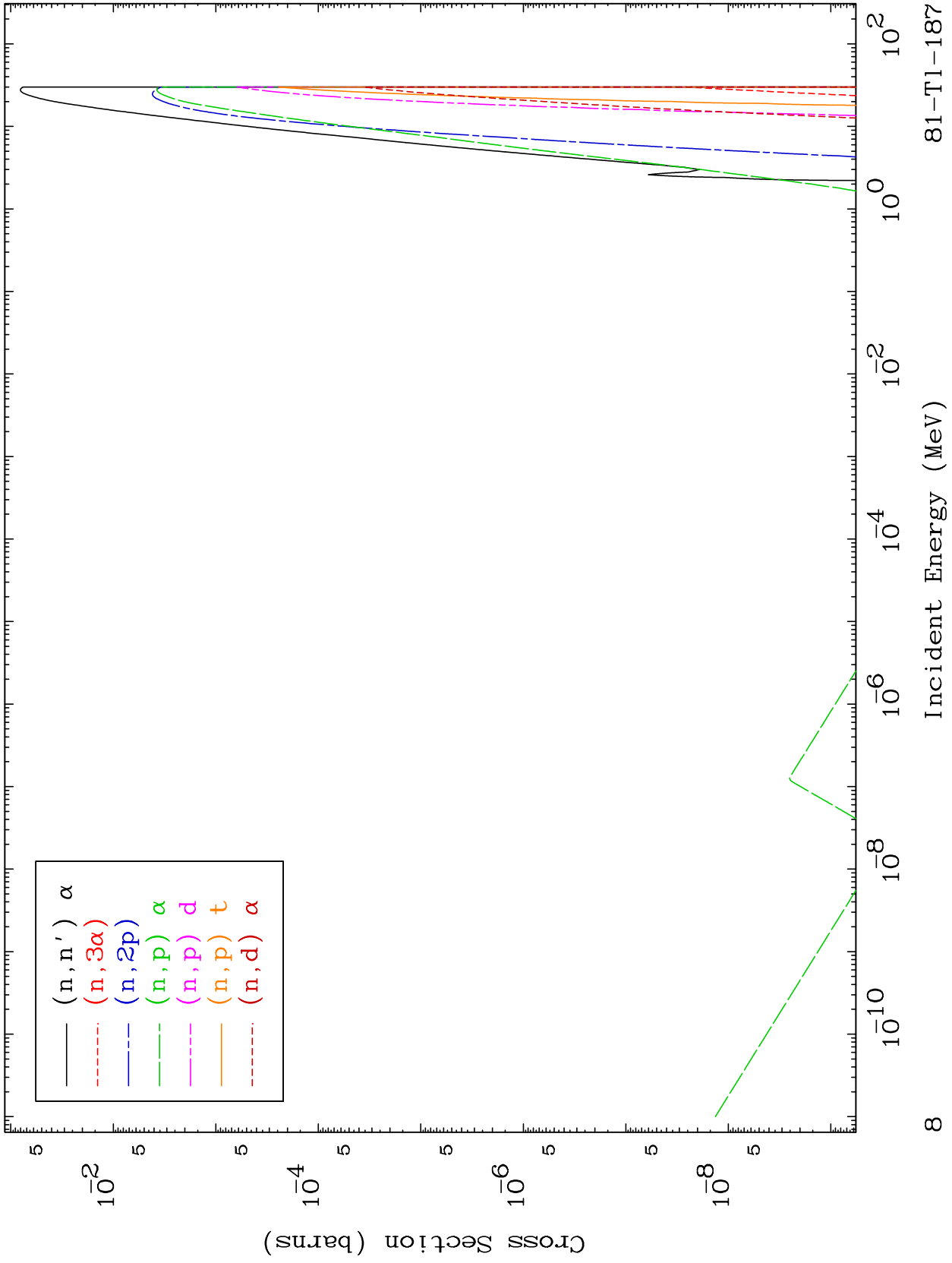


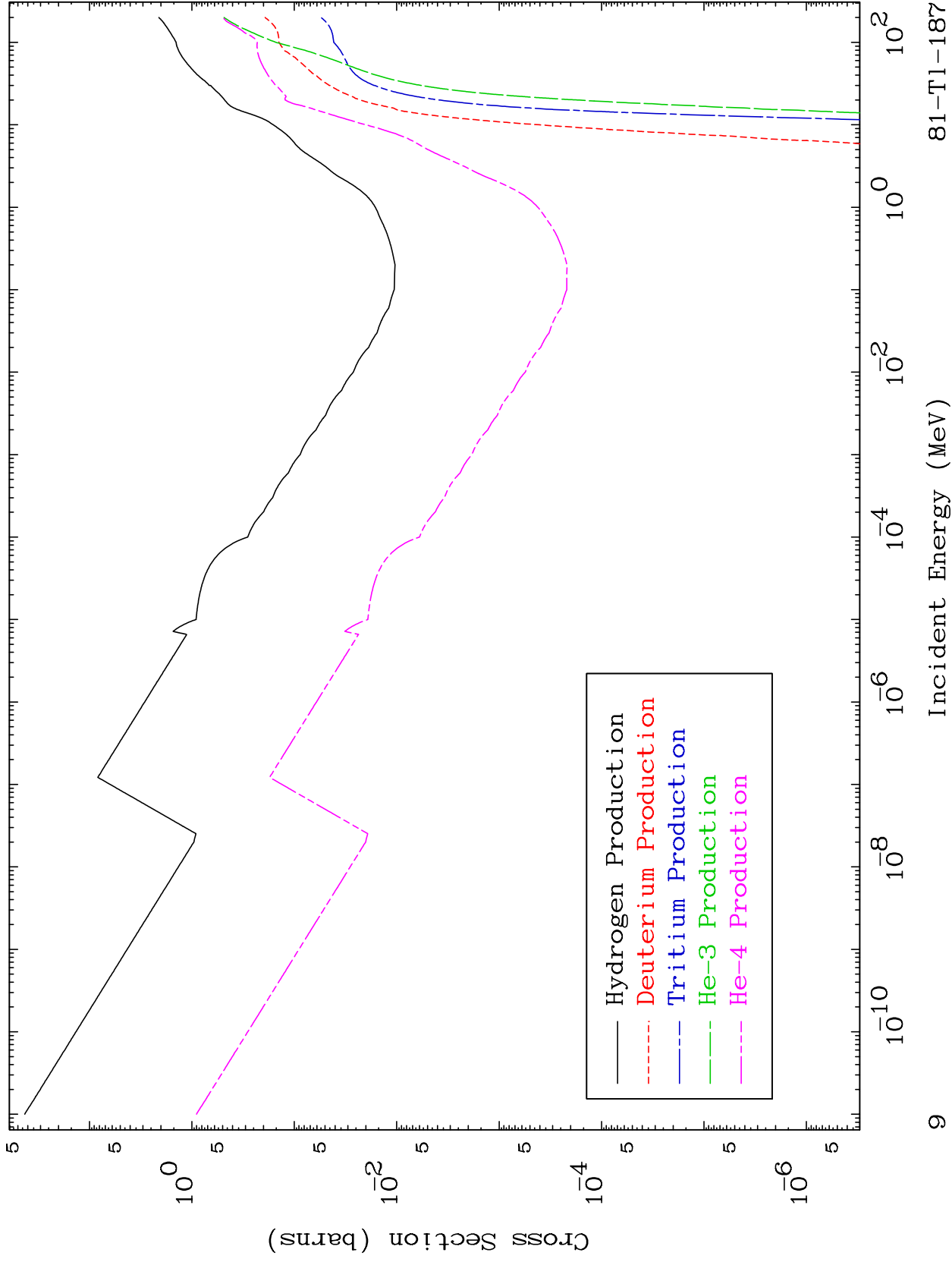
MAT 80777

Charged Particle
293 Kelvin Cross Sections

81-Tl-187



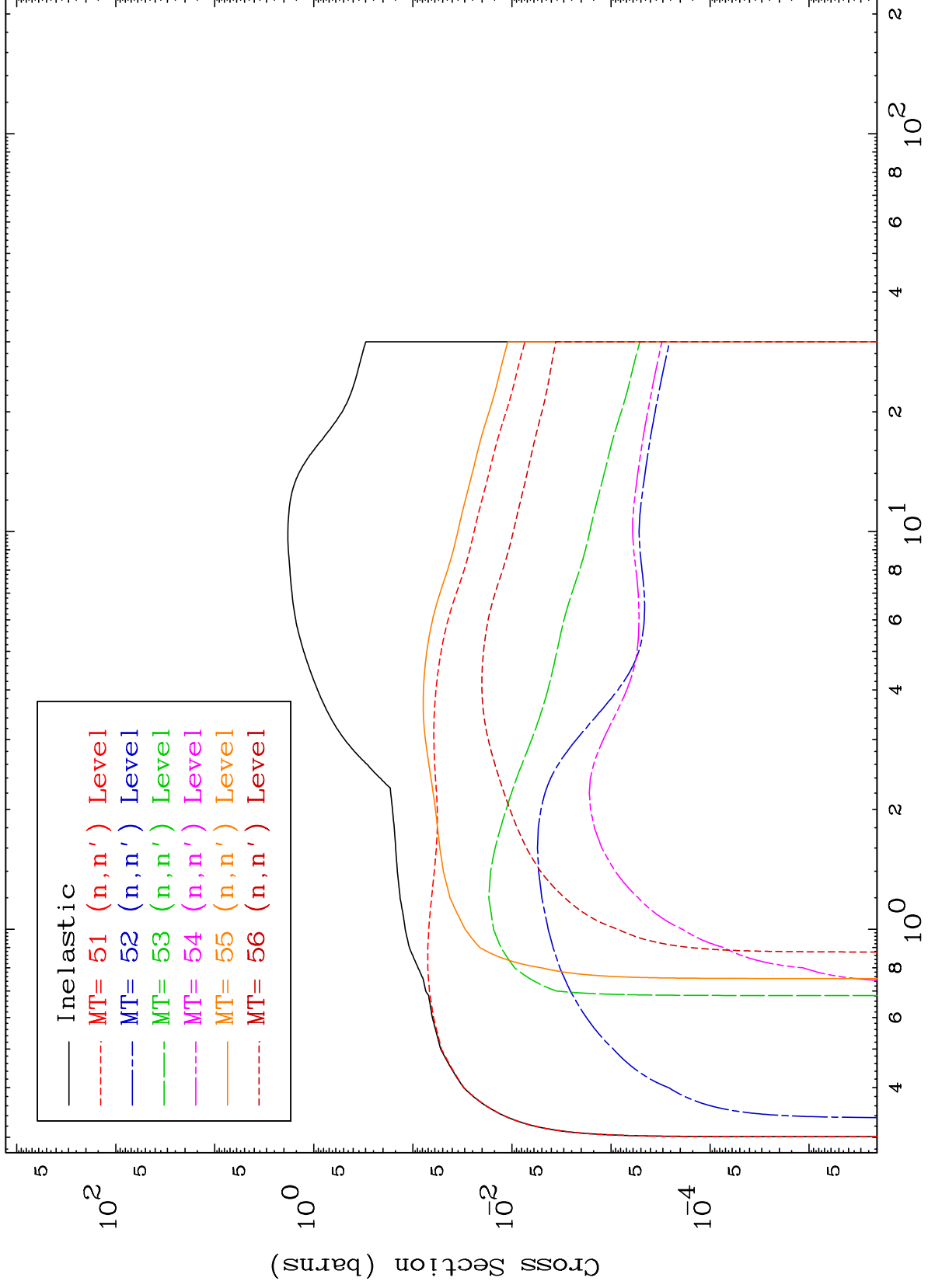




MAT 8077

(n,n') Levels
293 Kelvin Cross Sections

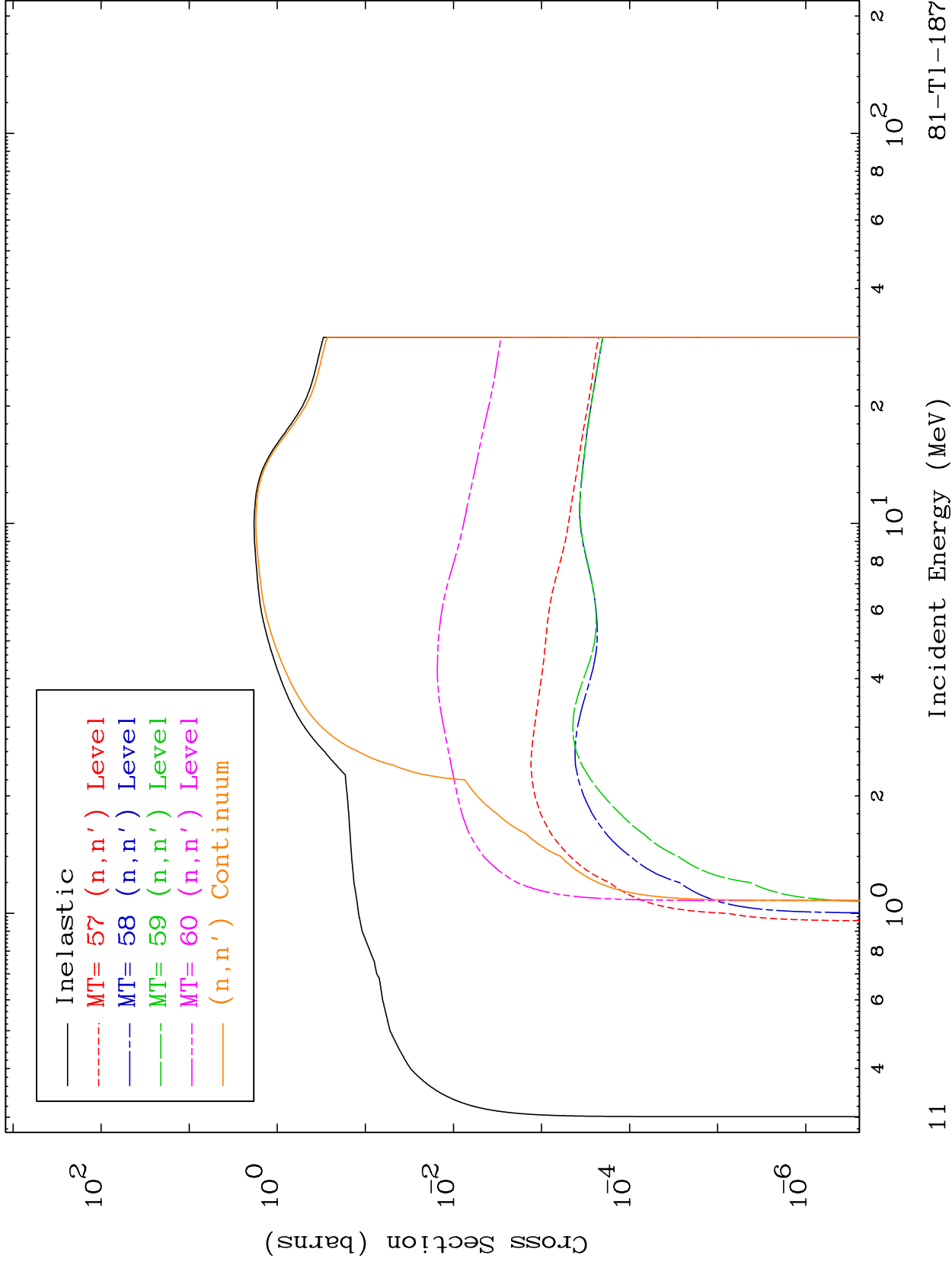
81-Tl-187



10

Incident Energy (MeV)

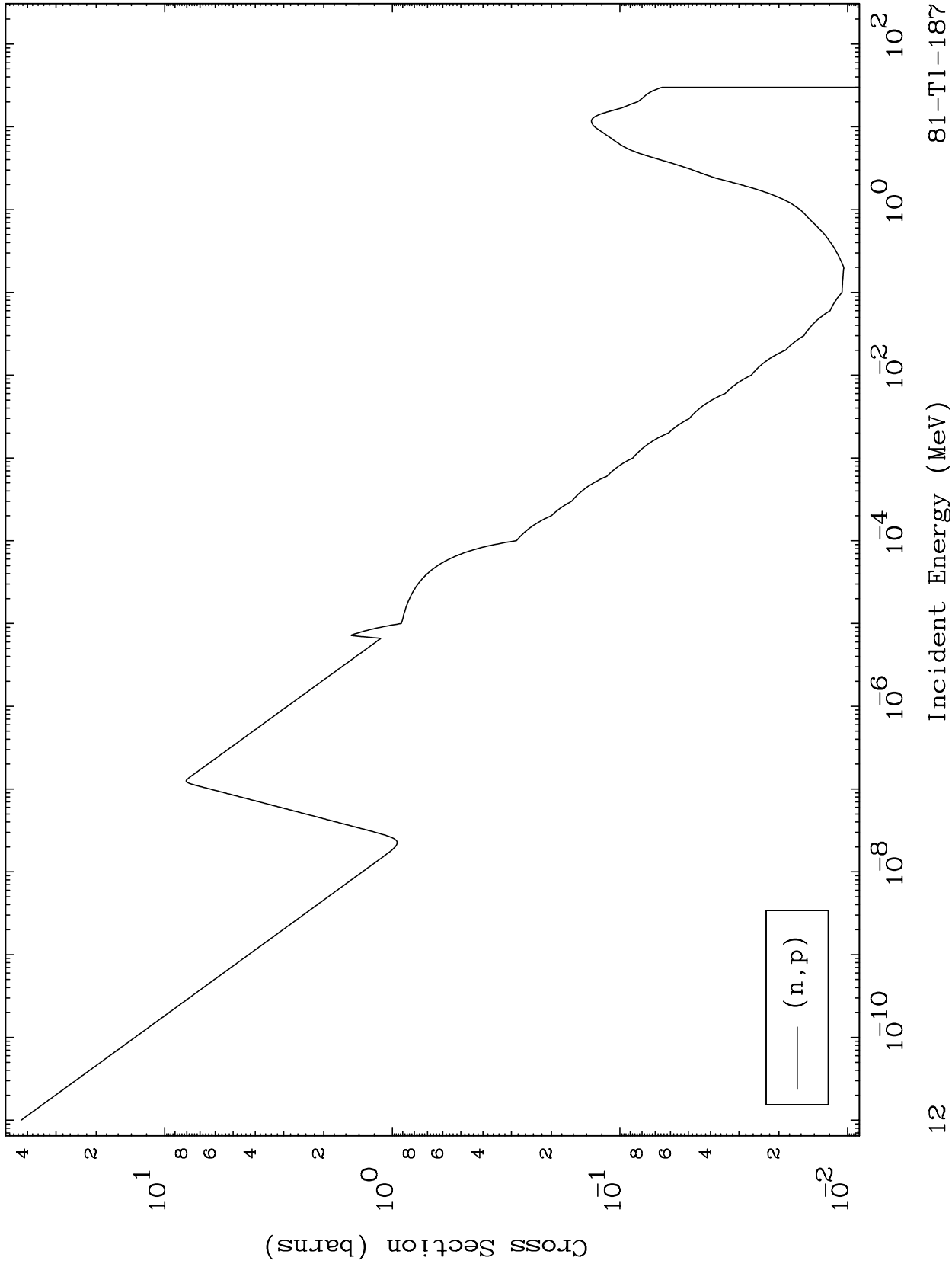
81-Tl-187



MAT 80777

(n,p) Levels
293 Kelvin Cross Sections

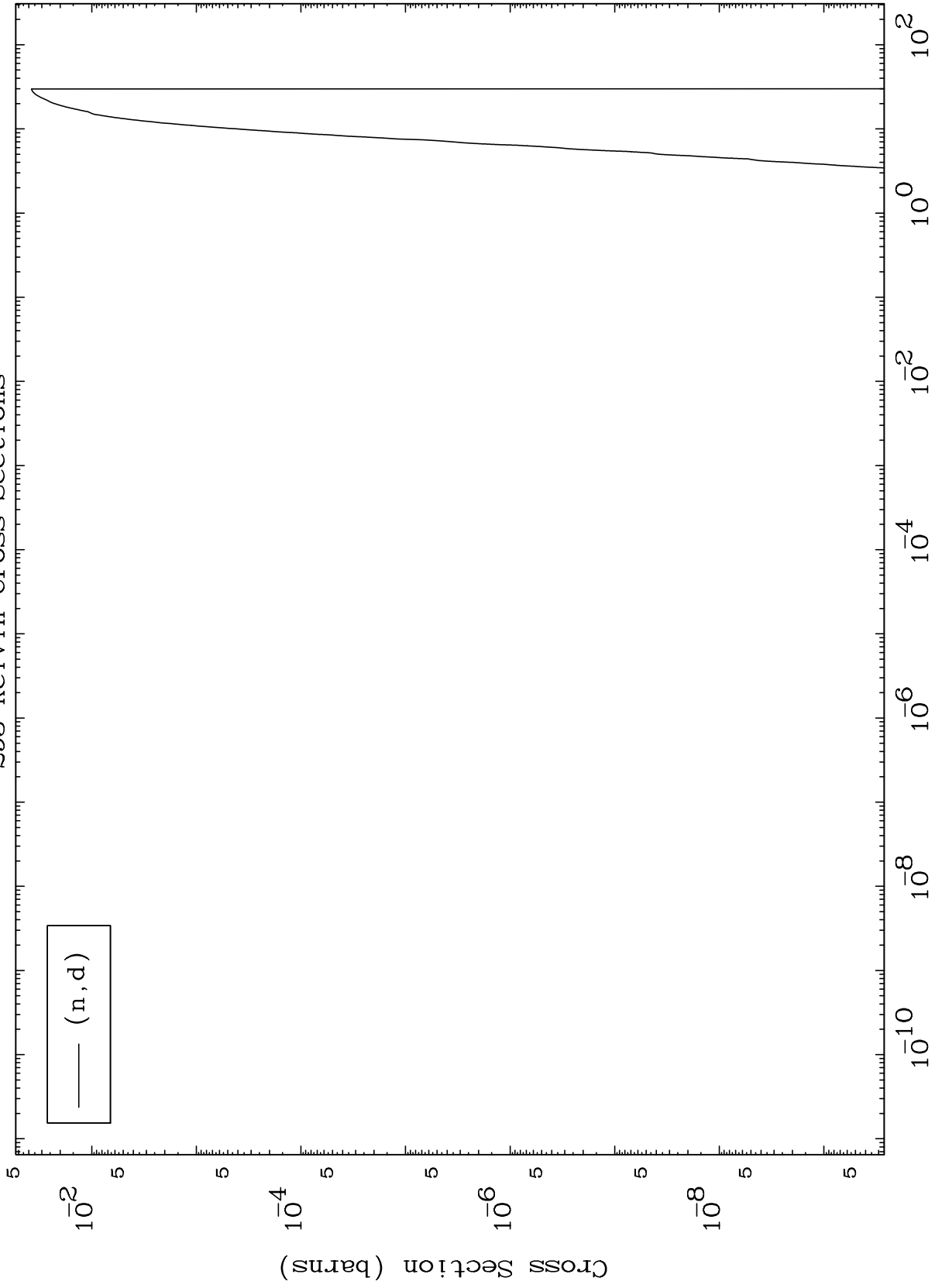
81-Tl-187



MAT 80777

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-187



13

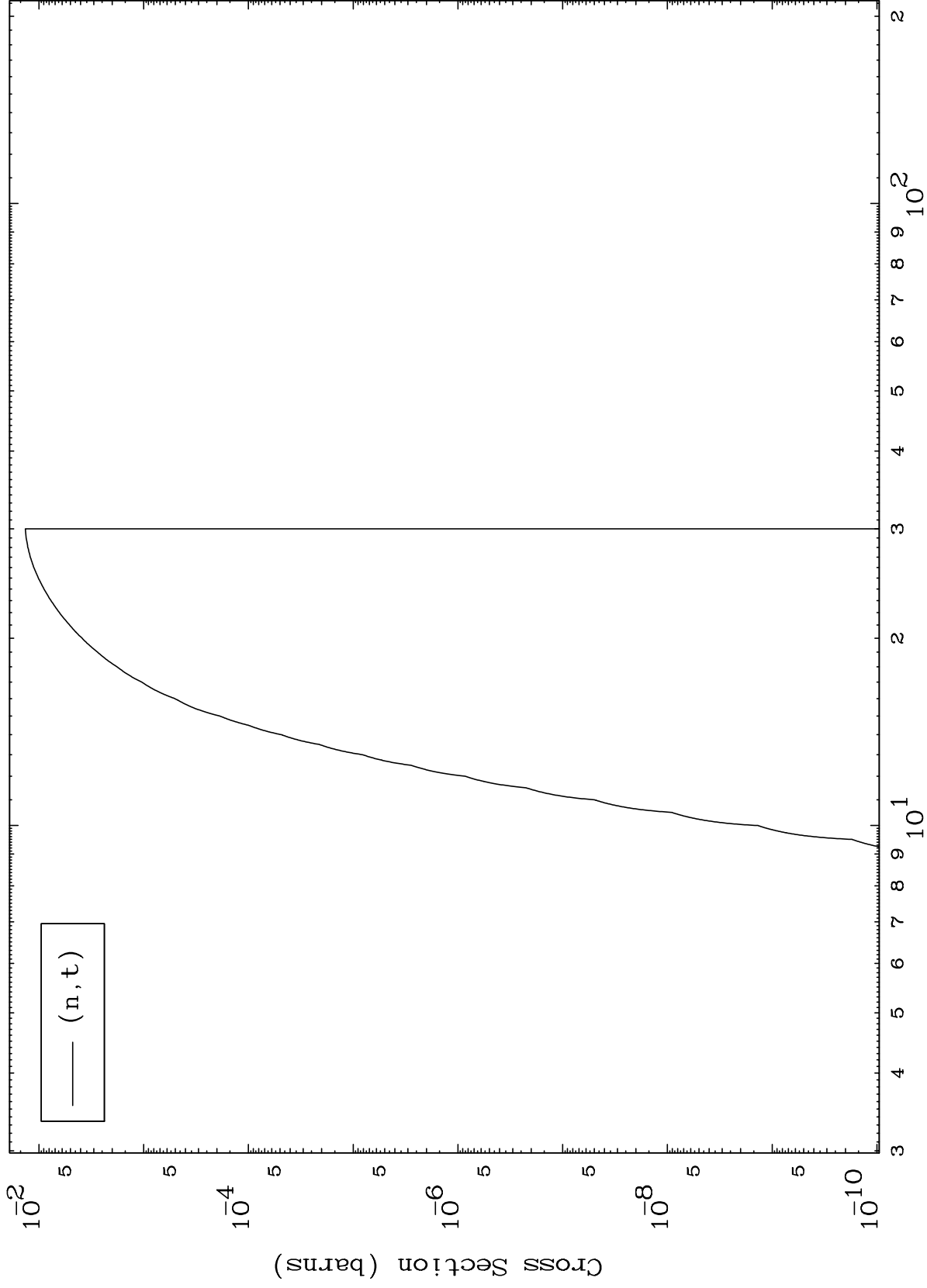
Incident Energy (MeV)

81-Tl-187

MAT 80777

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-187



14

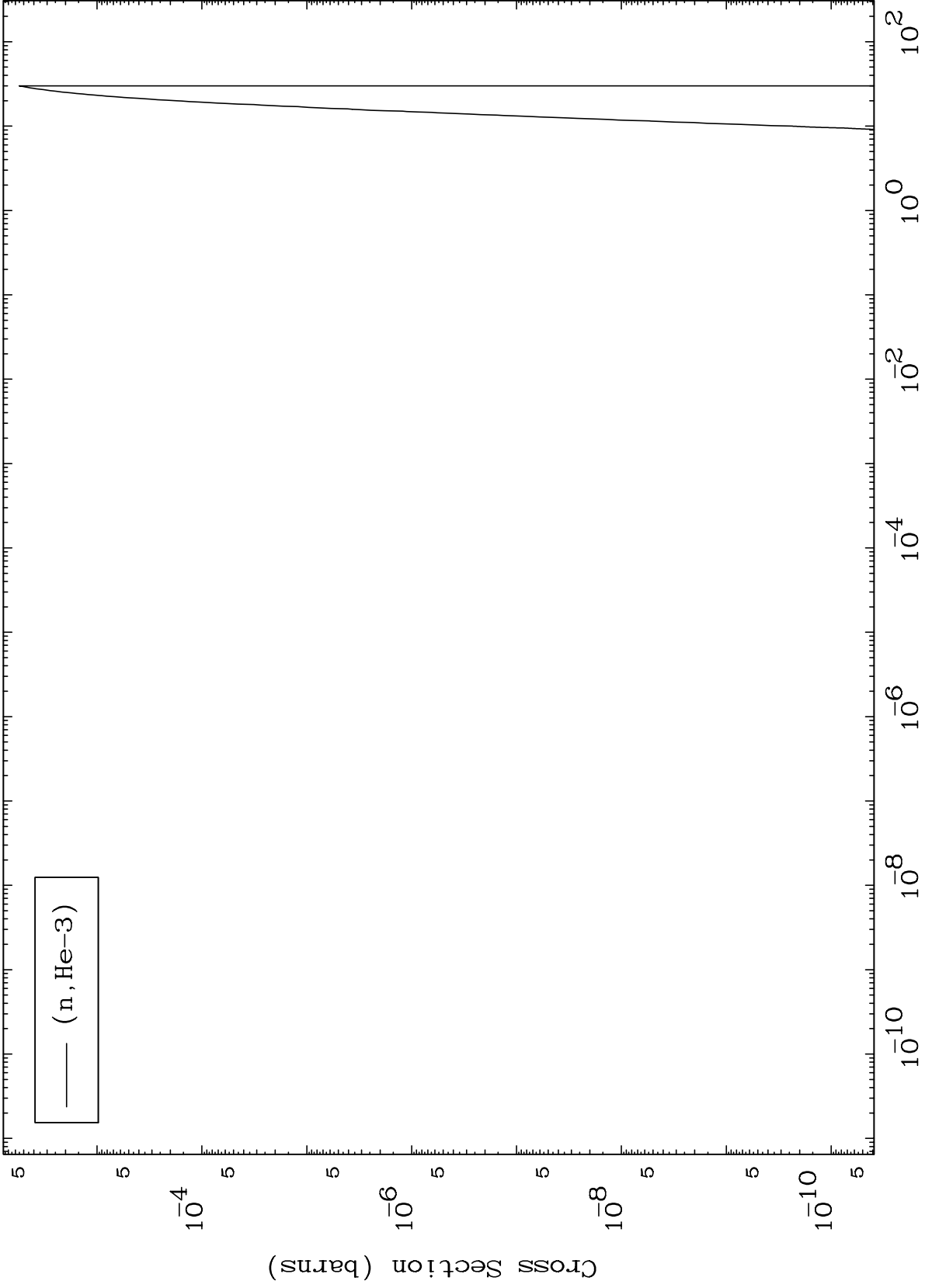
Incident Energy (MeV)

81-Tl-187

MAT 8077

(n,He3) Levels
293 Kelvin Cross Sections

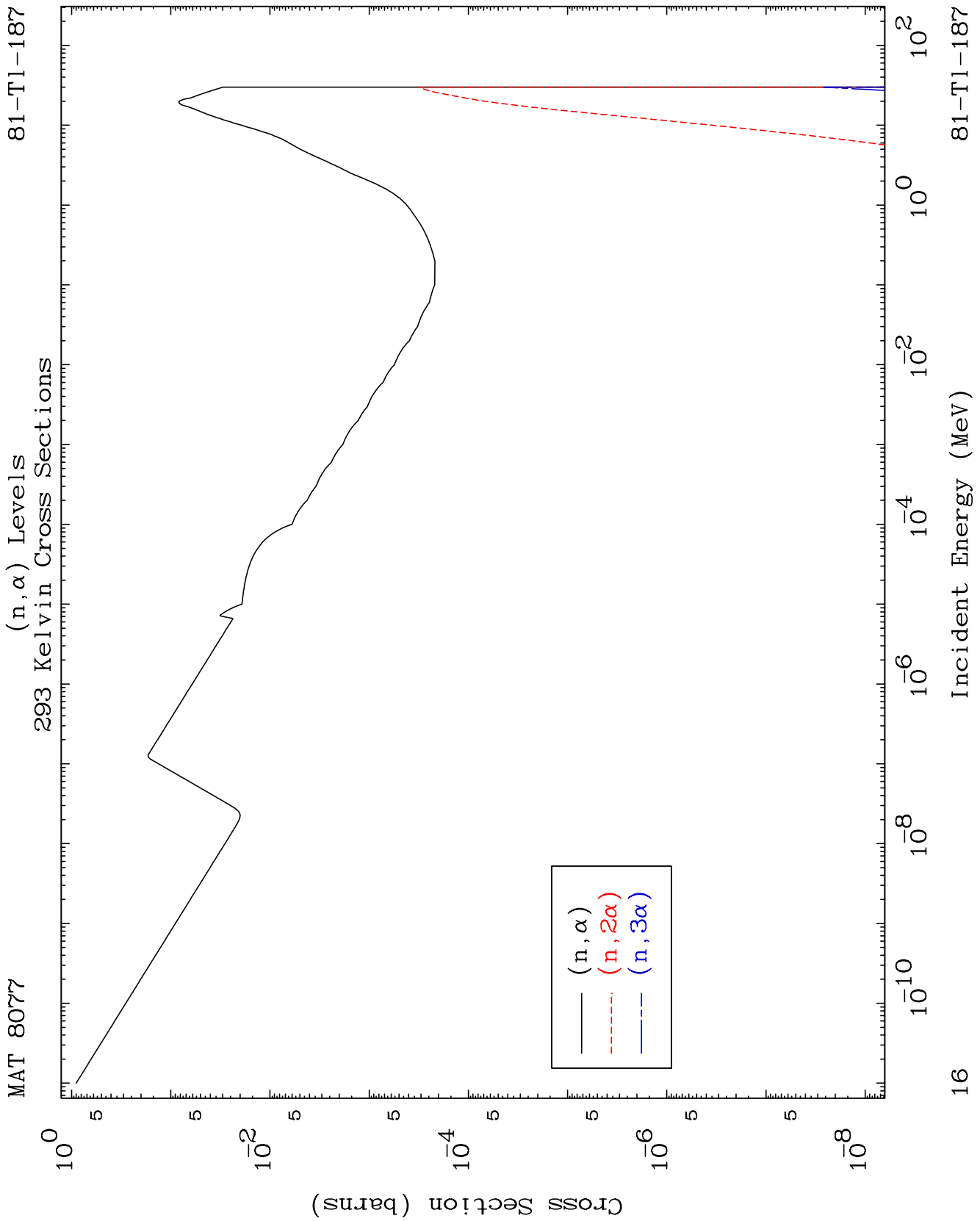
81-T1-187



15

Incident Energy (MeV)

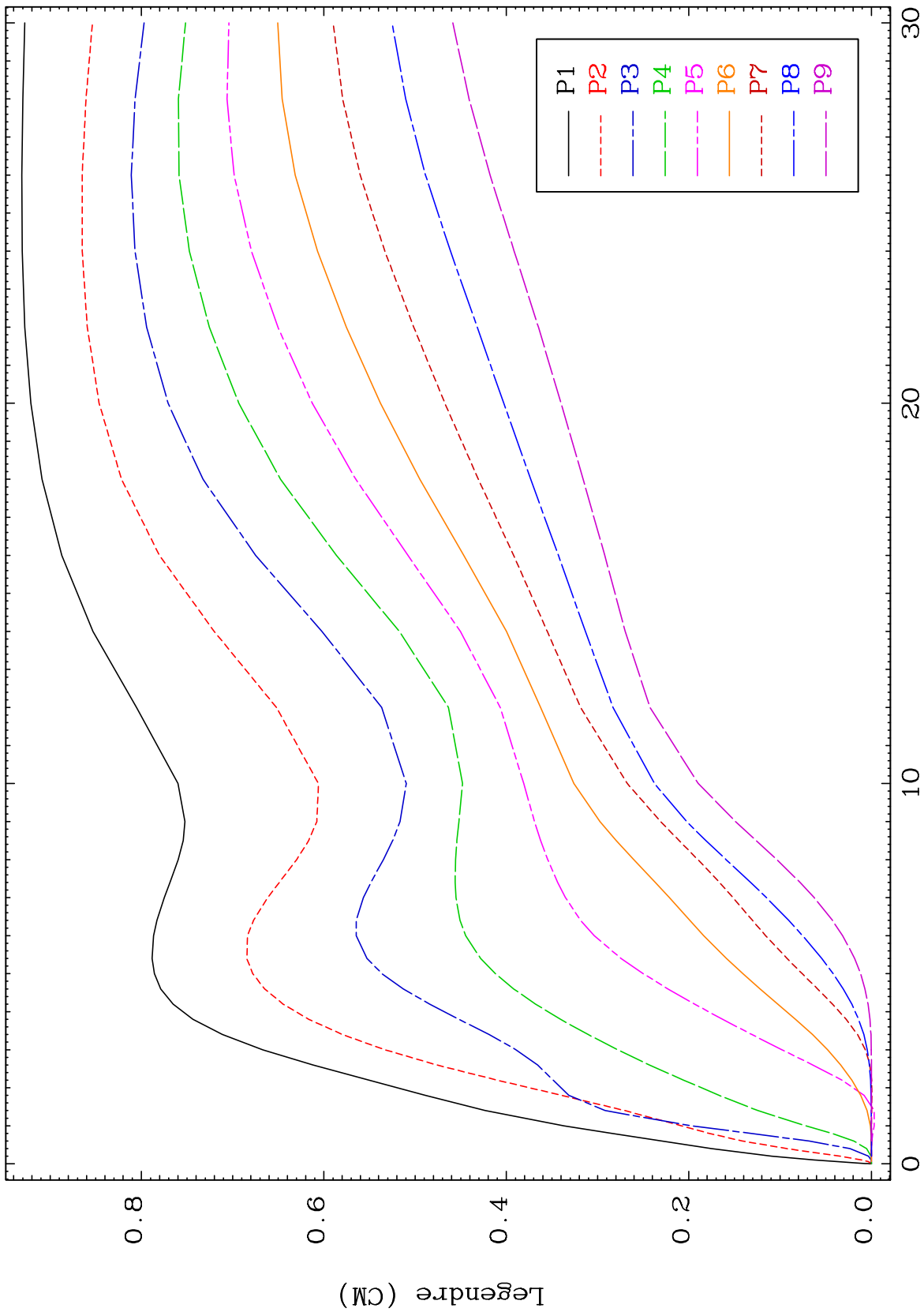
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MAT 8077

Elastic Legendre Coefficients

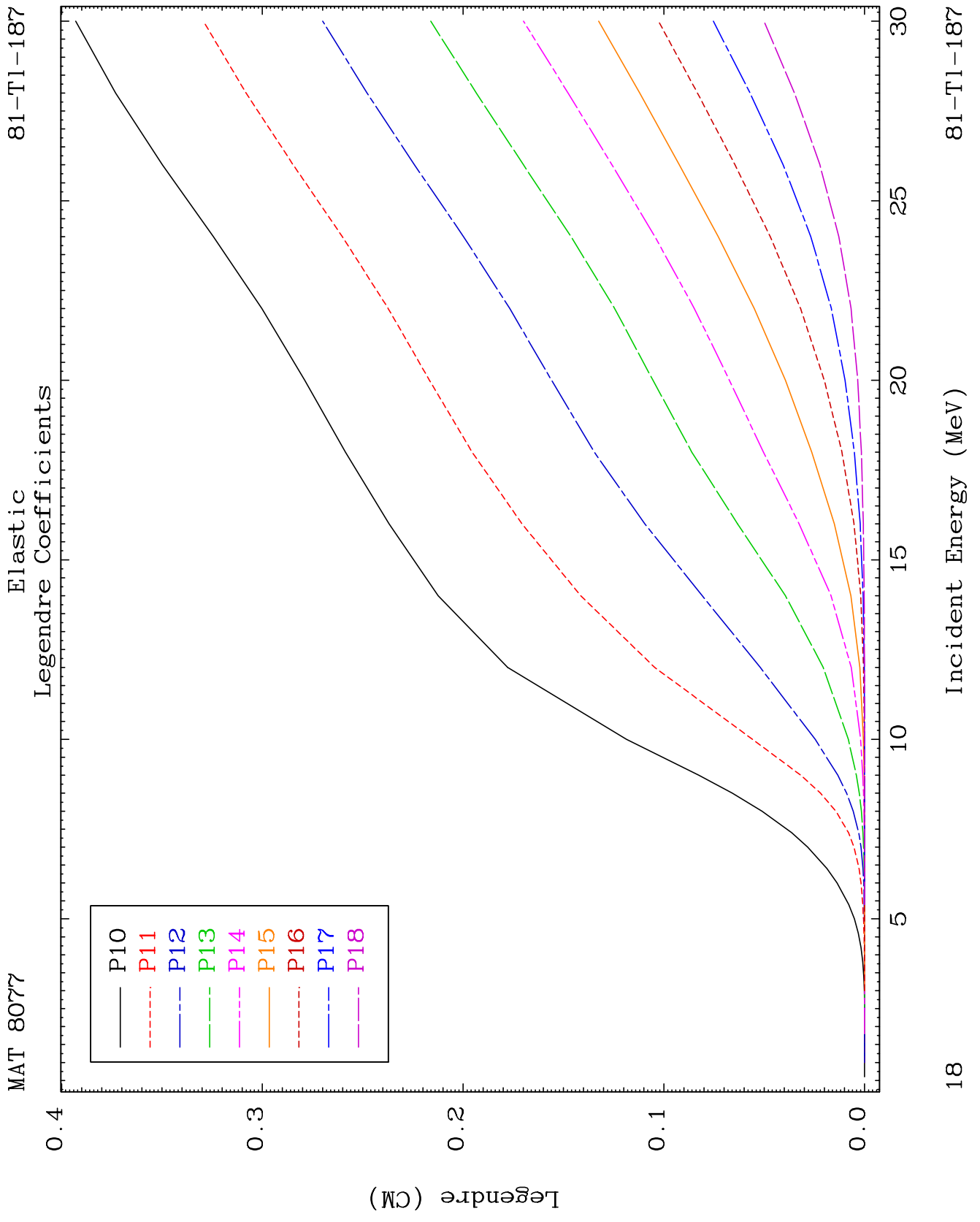
81-Tl-187



17

Incident Energy (MeV)

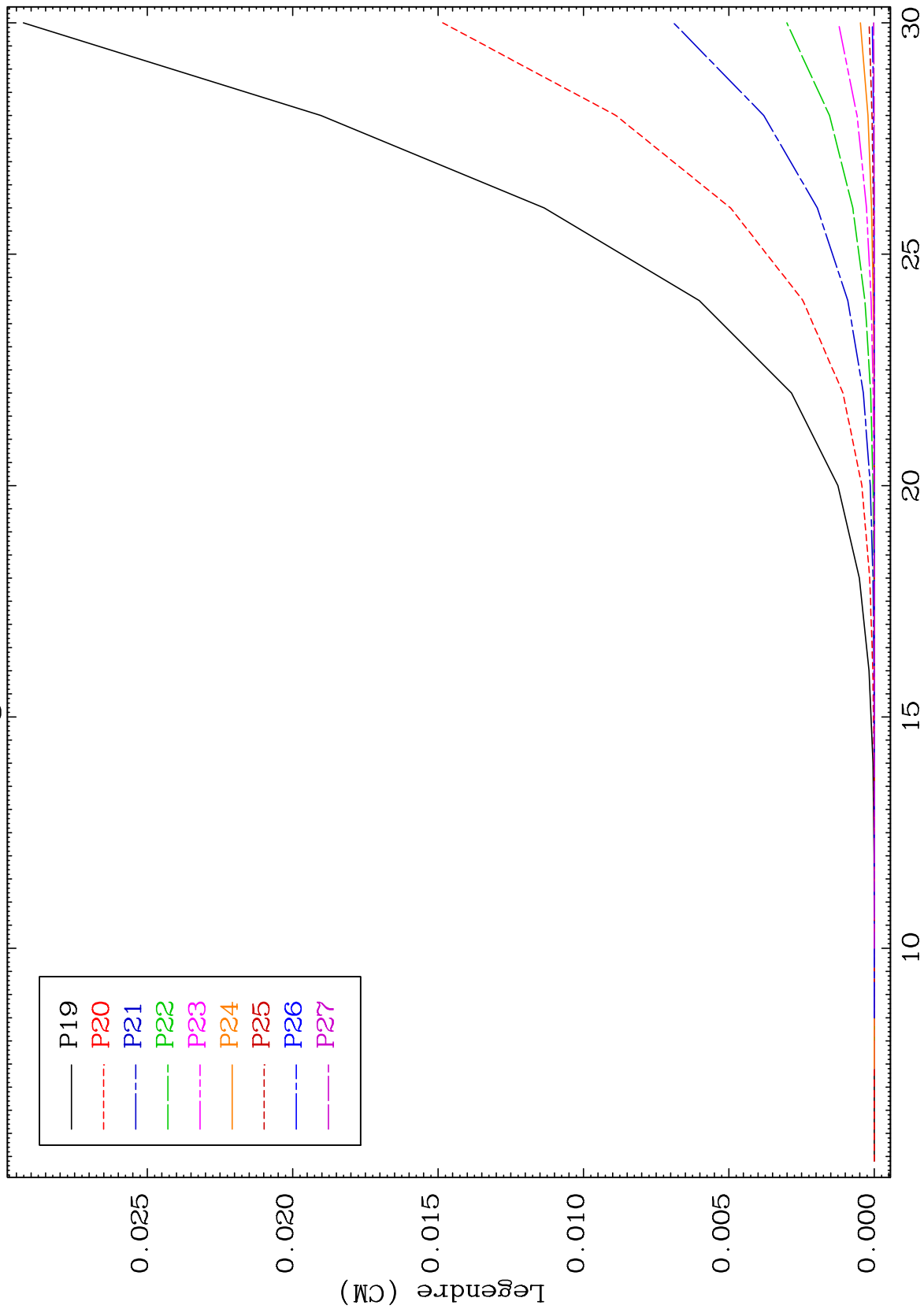
81-Tl-187



MAT 8077

Elastic Legendre Coefficients

81-T1-187



19

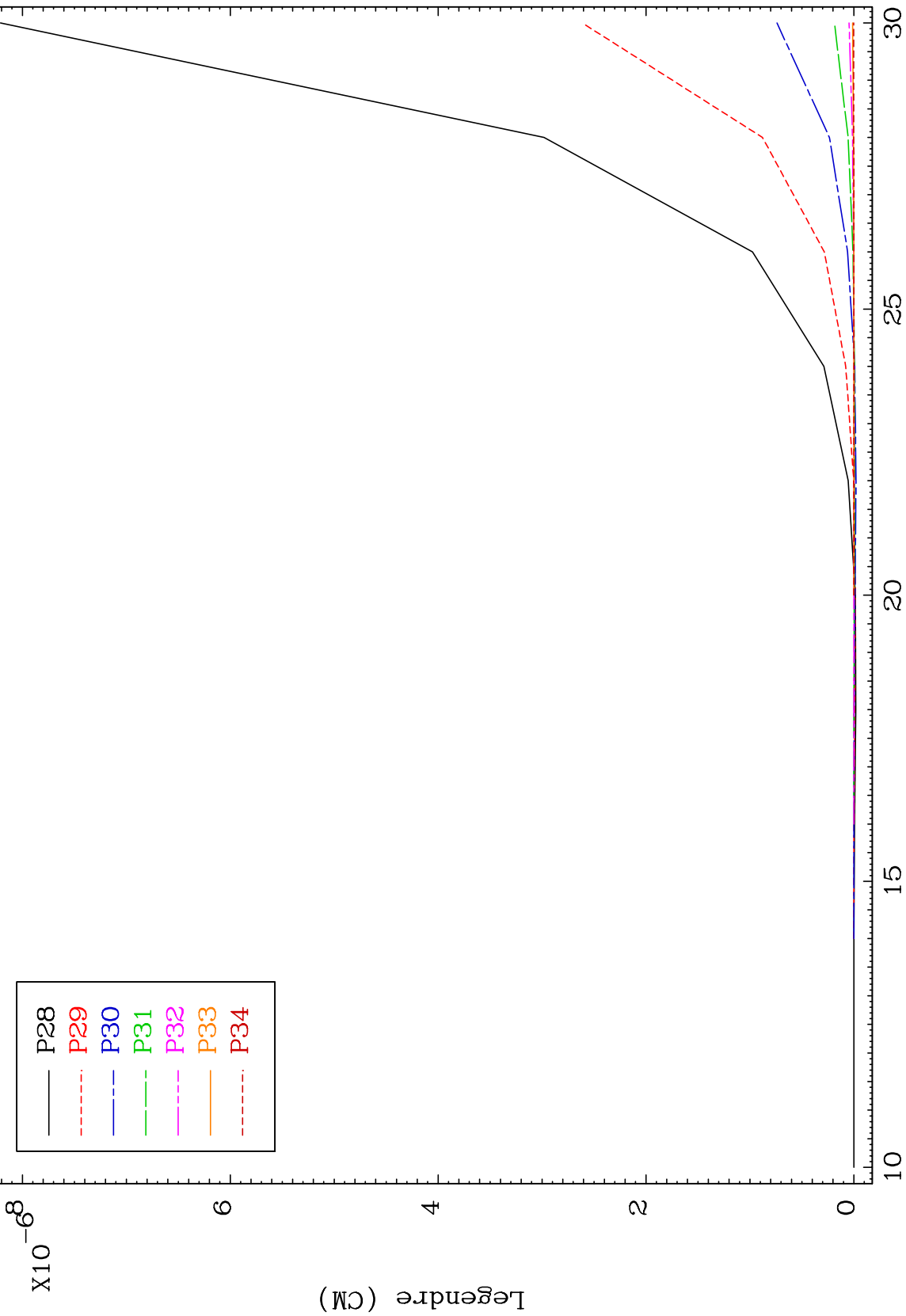
Incident Energy (MeV)

81-T1-187

MAT 8077

Elastic Legendre Coefficients

81-T1-187



20

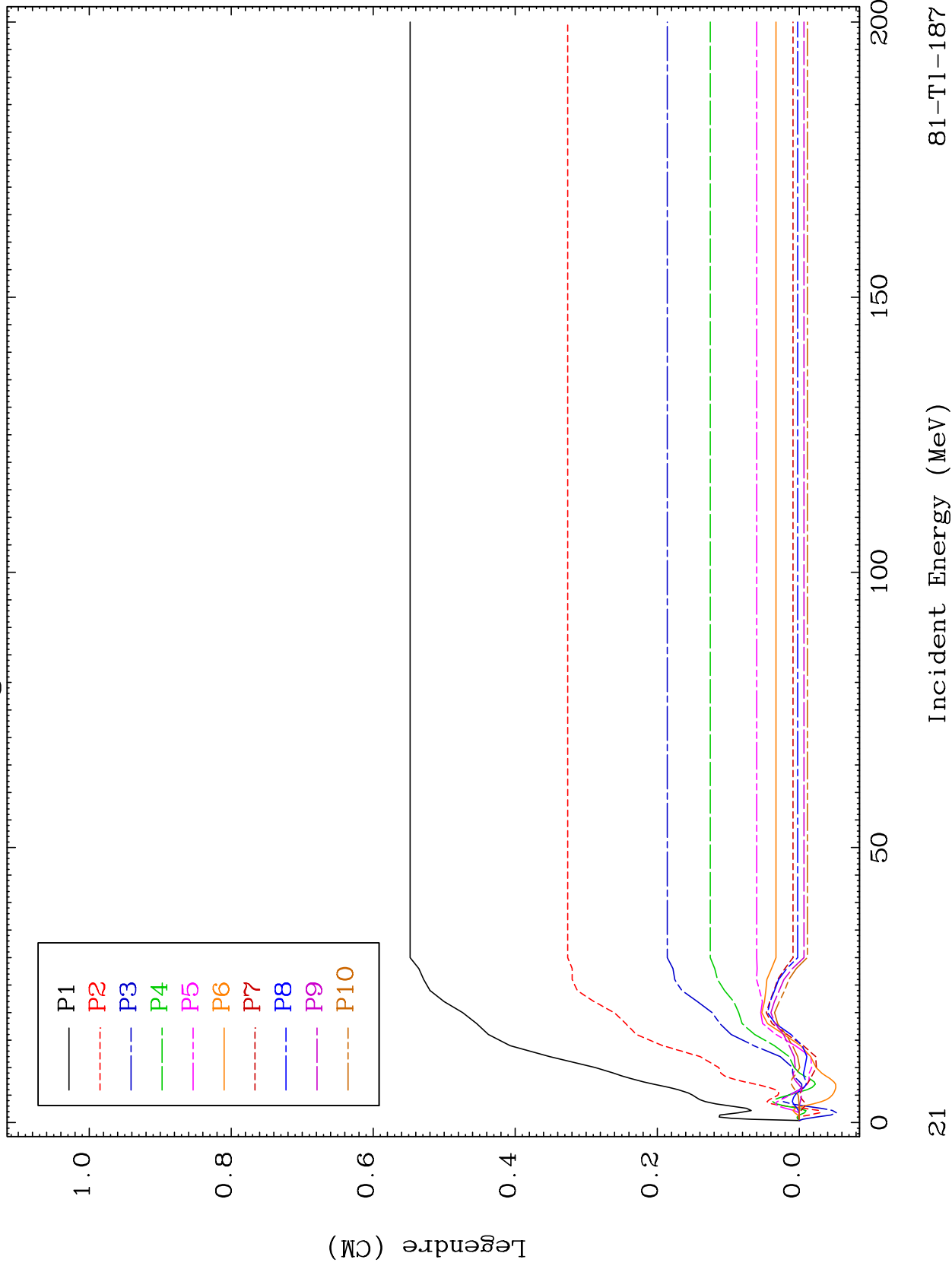
Incident Energy (MeV)

81-T1-187

MAT 8077

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

81-Tl-187



21

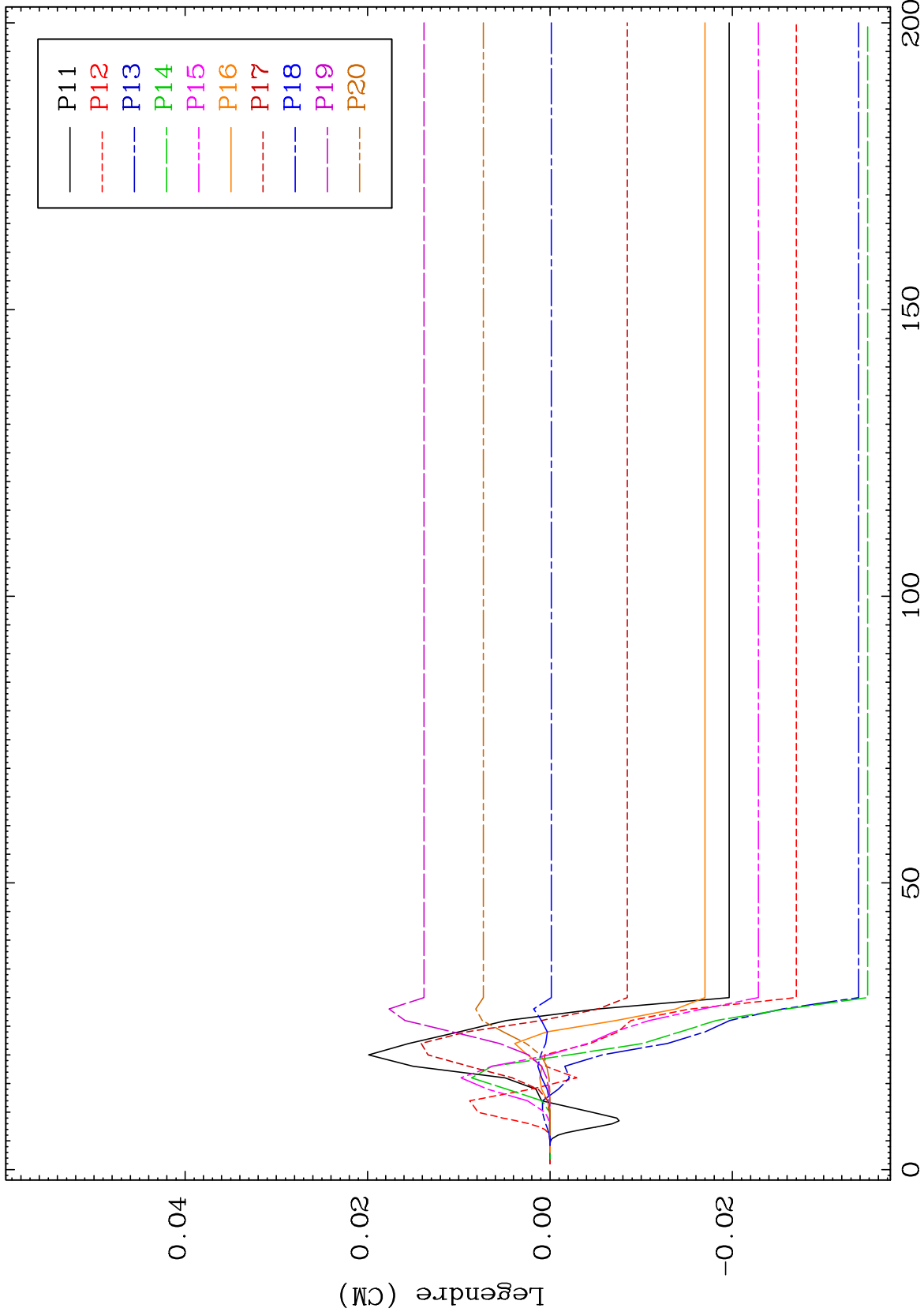
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

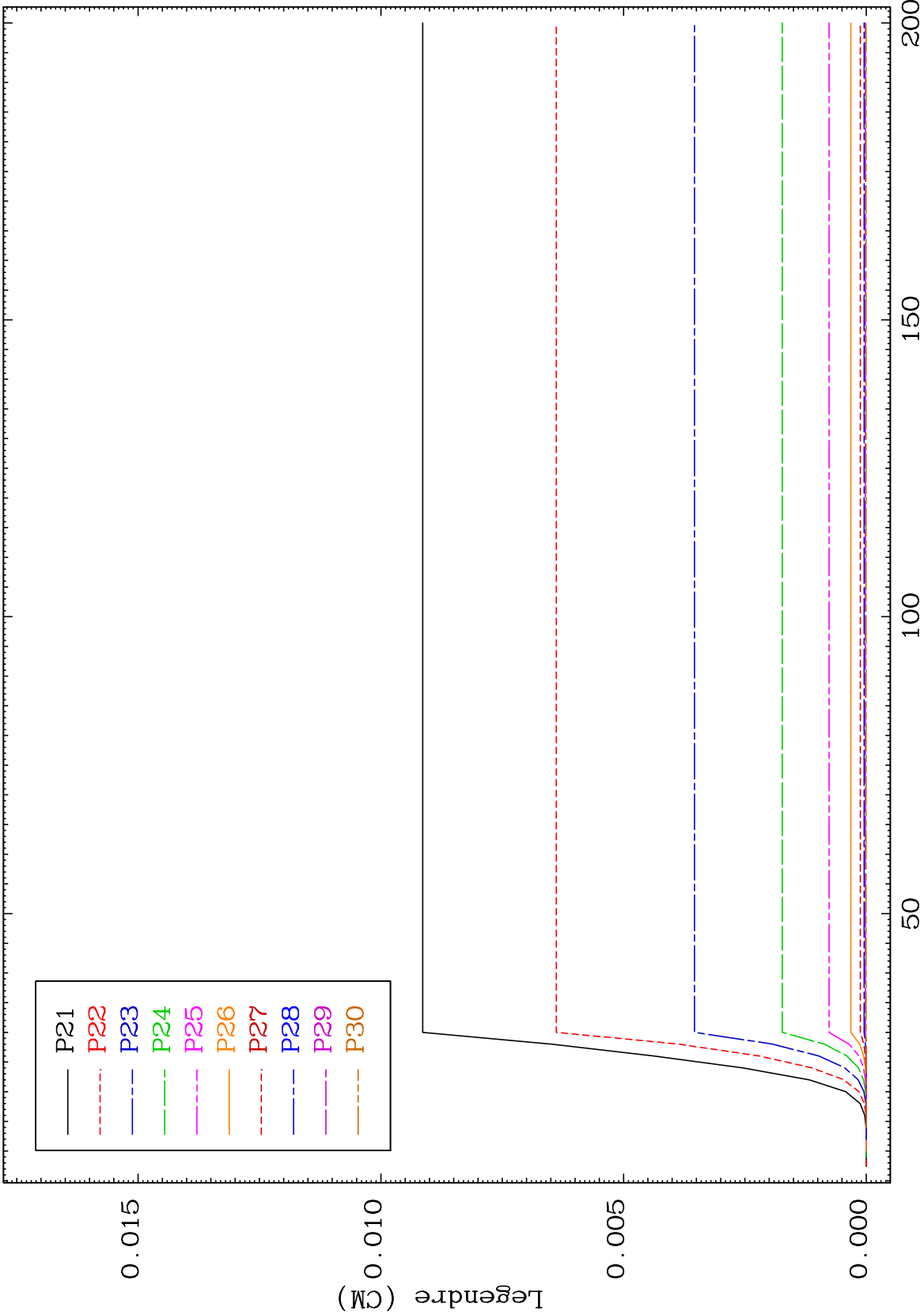
81-Tl-187



22

81-Tl-187

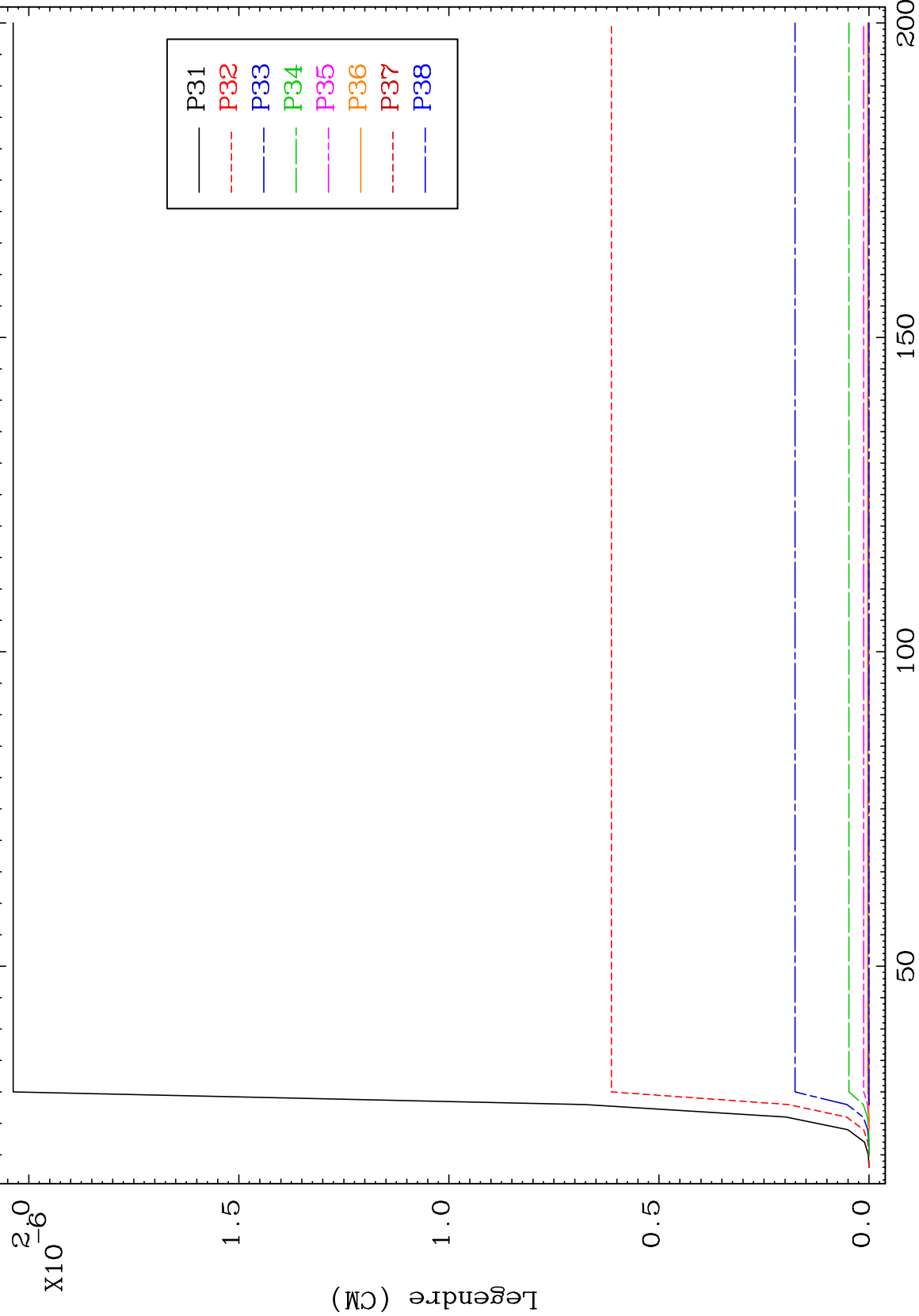
Incident Energy (MeV)



MAT 8077

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

81-Tl-187



24

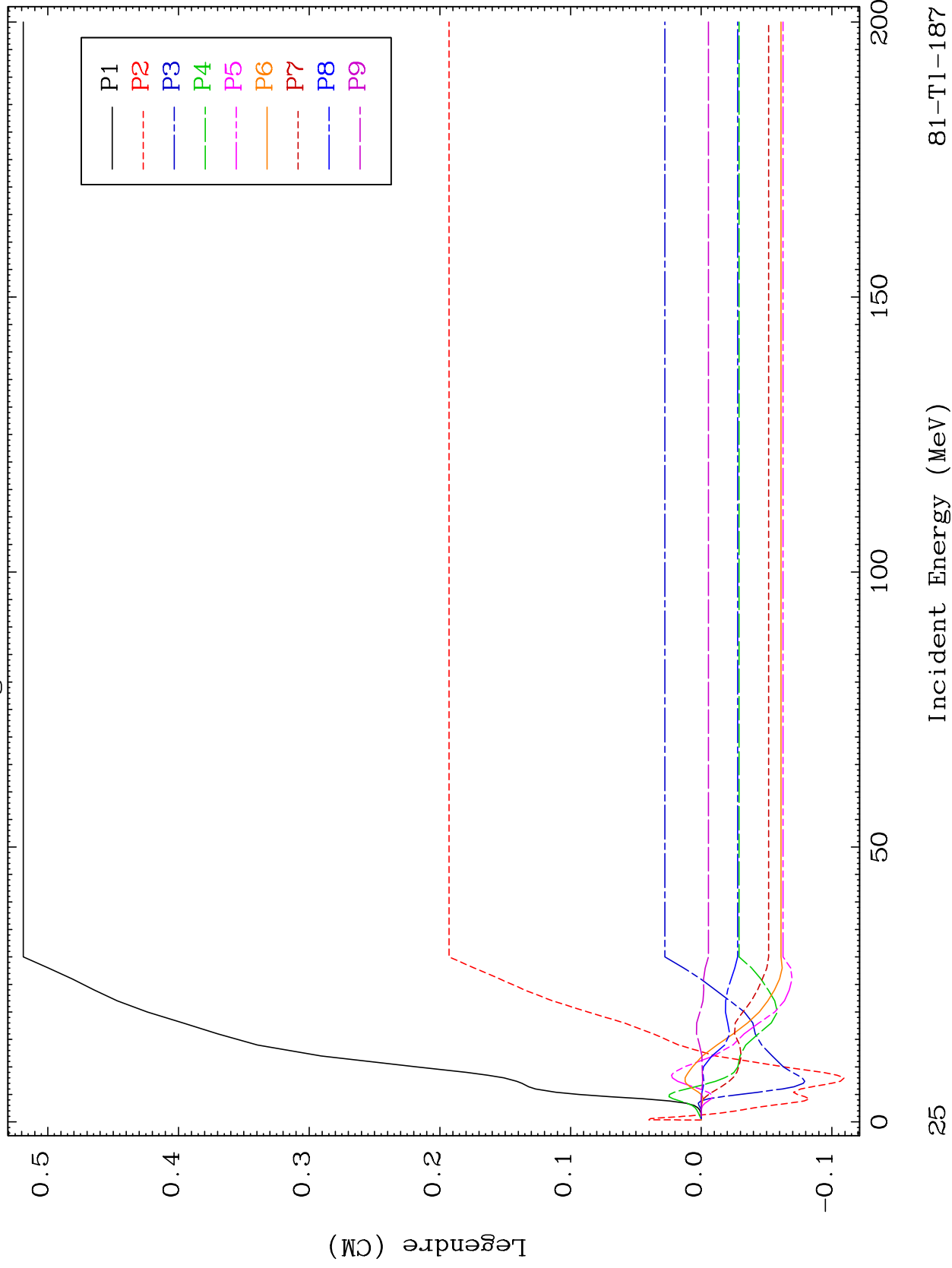
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



81-Tl-187

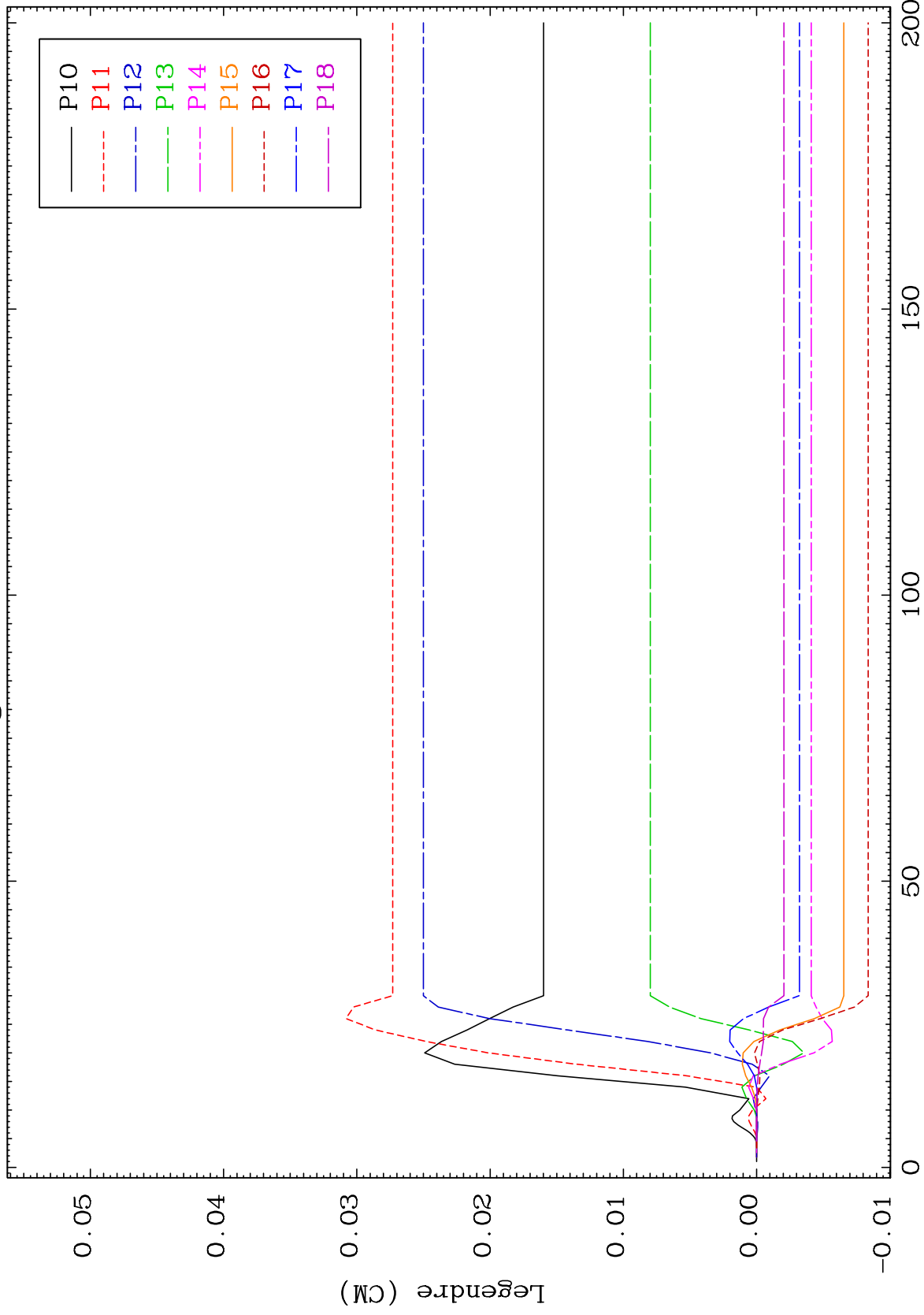
Incident Energy (MeV)

25

MAT 8077

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

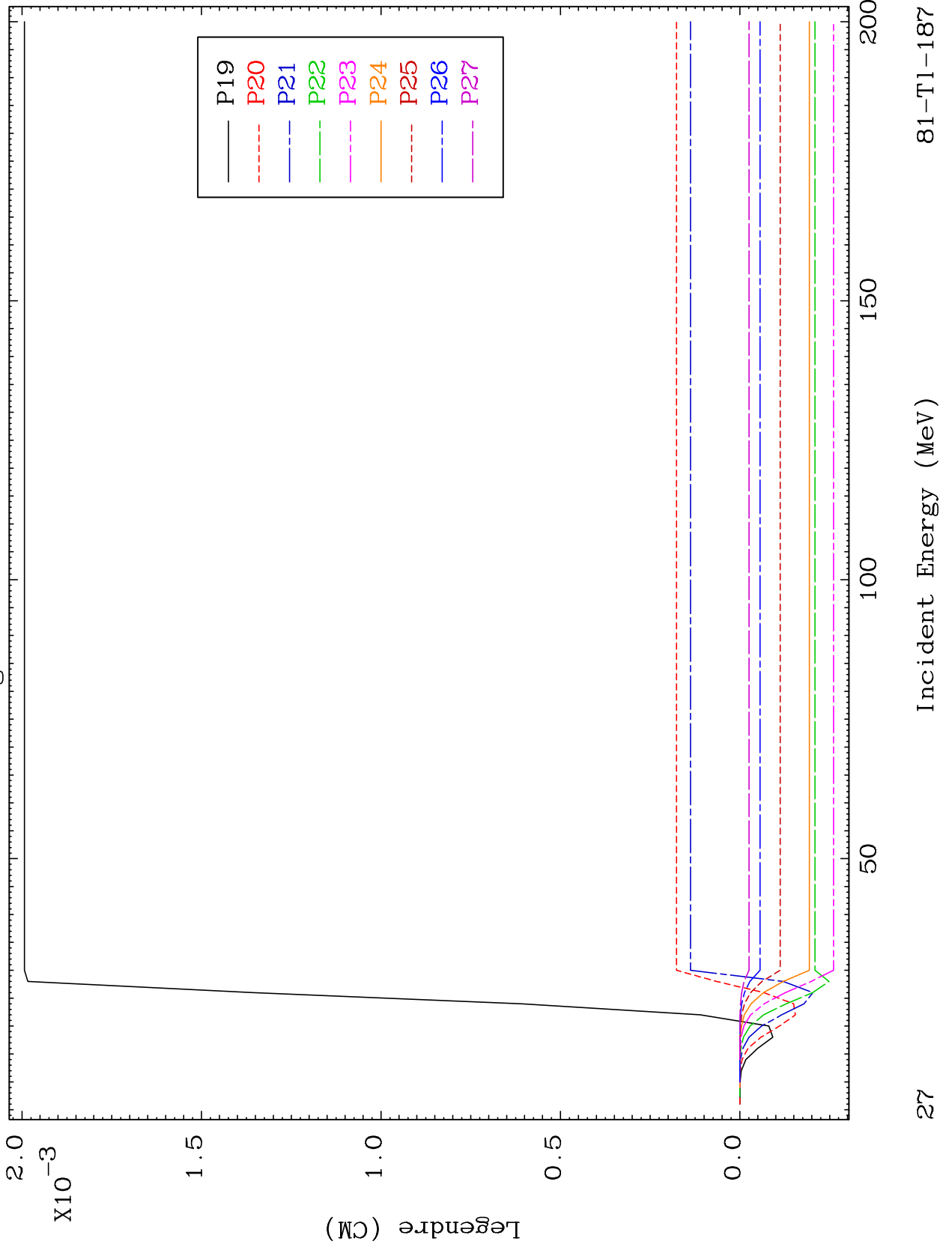
81-T1-187

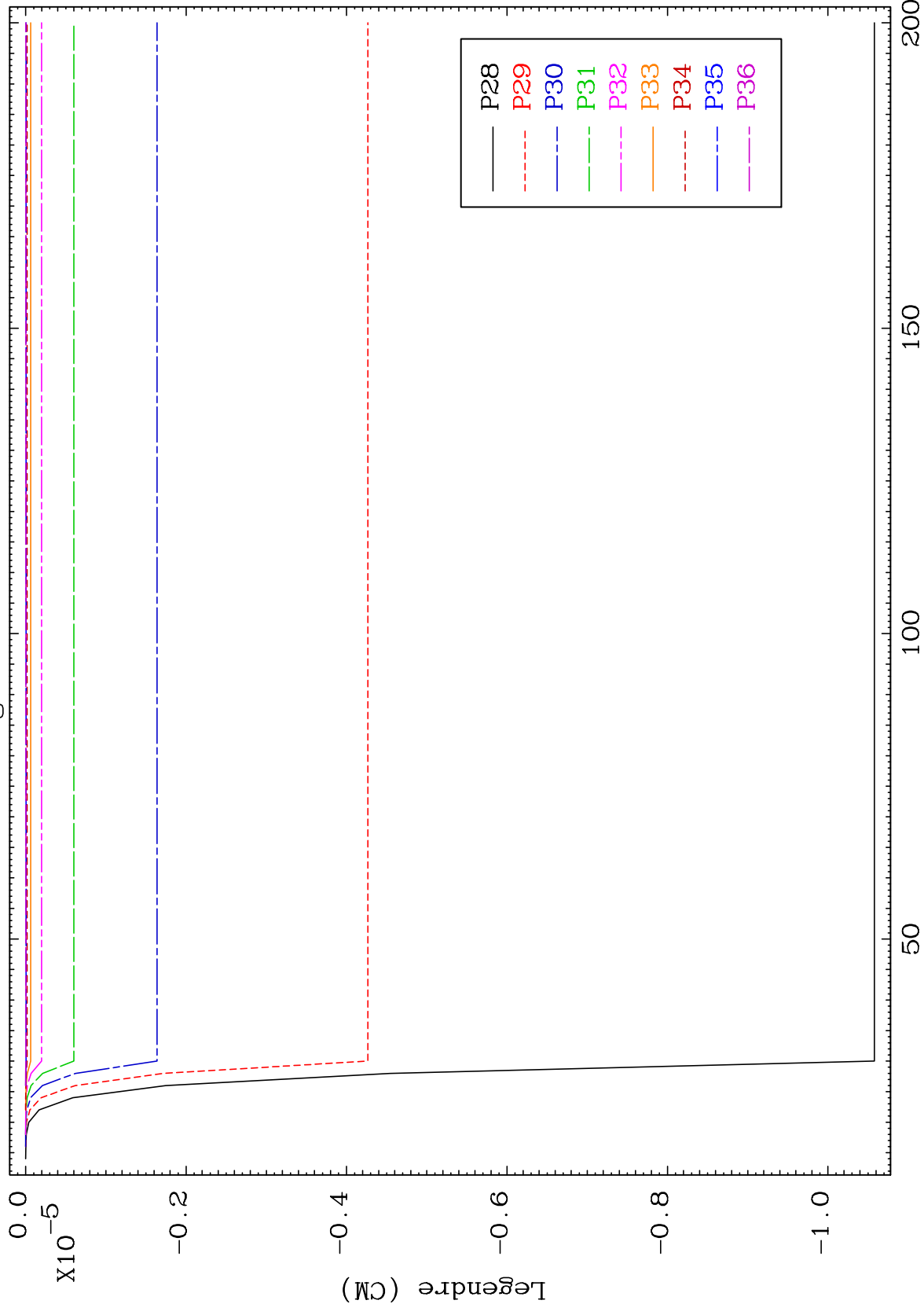


26

Incident Energy (MeV)

81-T1-187

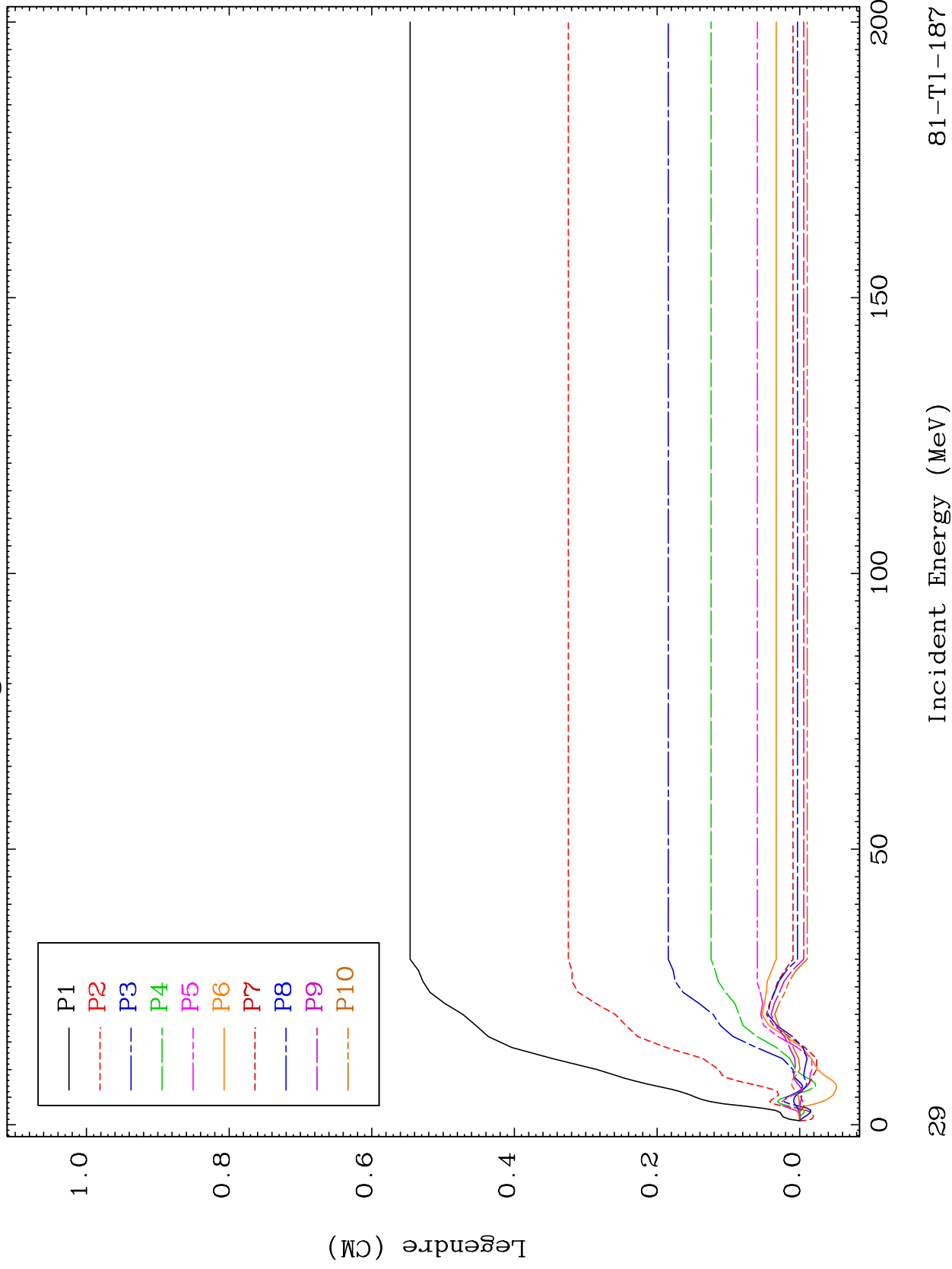




MAT 80777

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

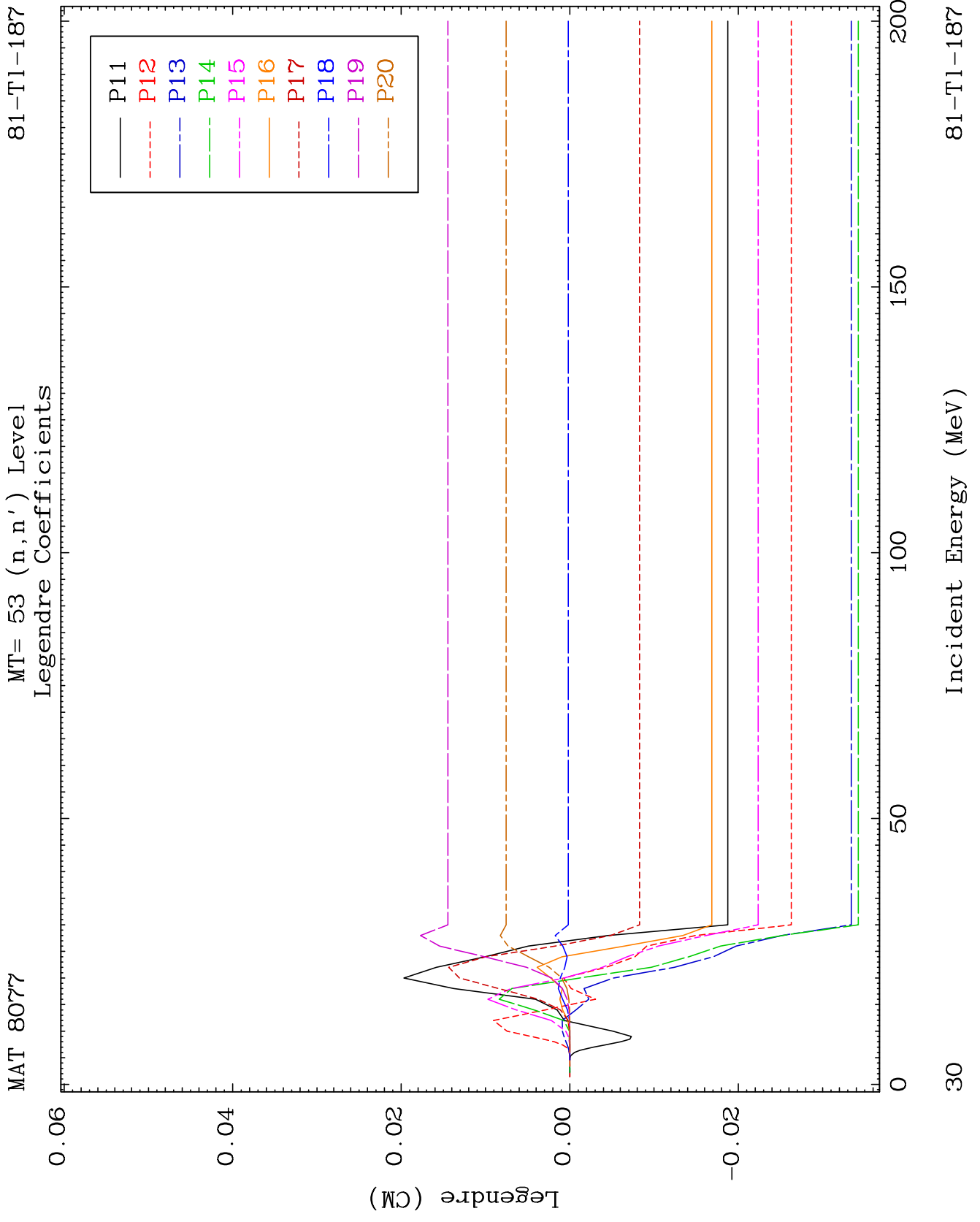
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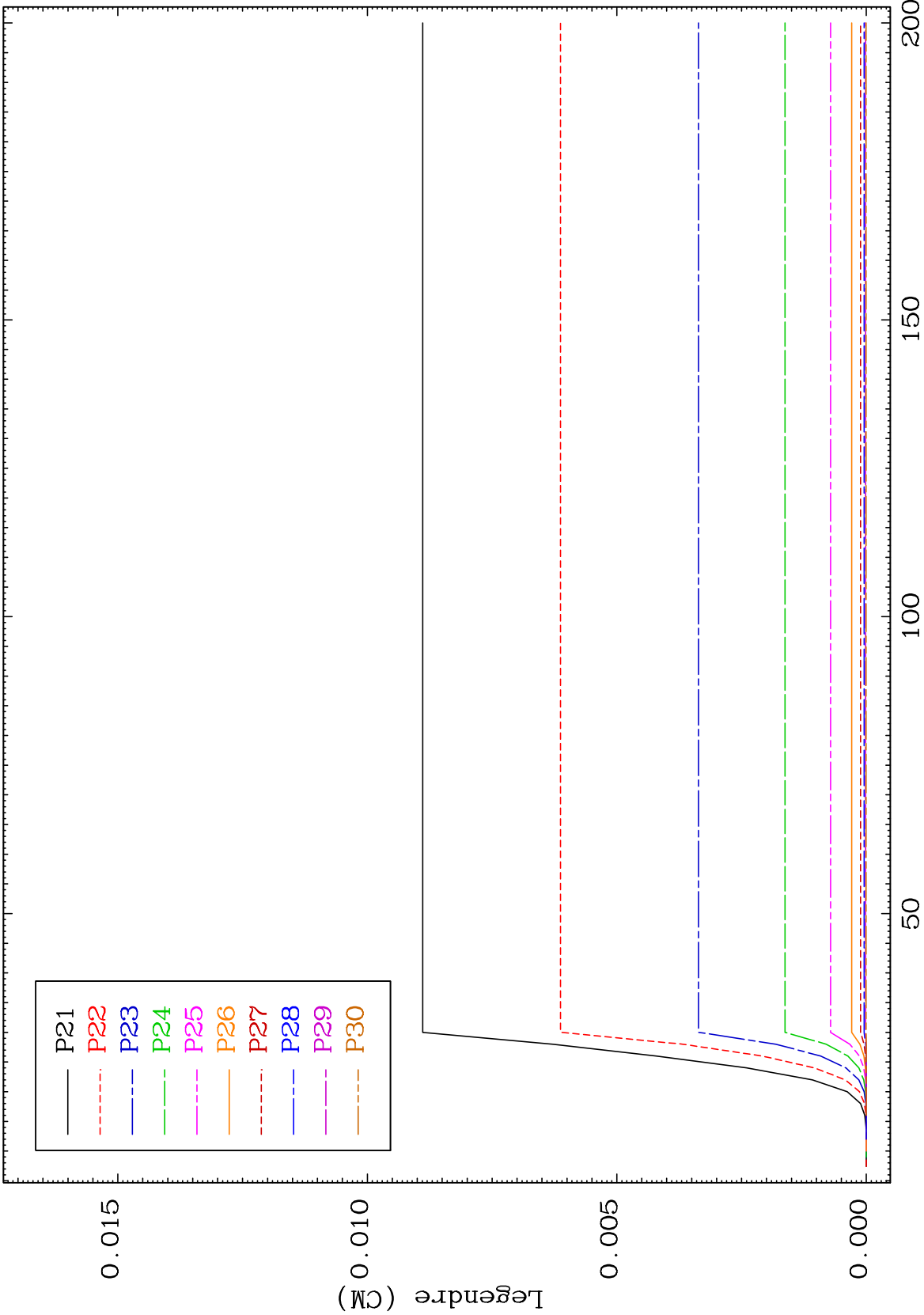


29

Incident Energy (MeV)

81-Tl-187

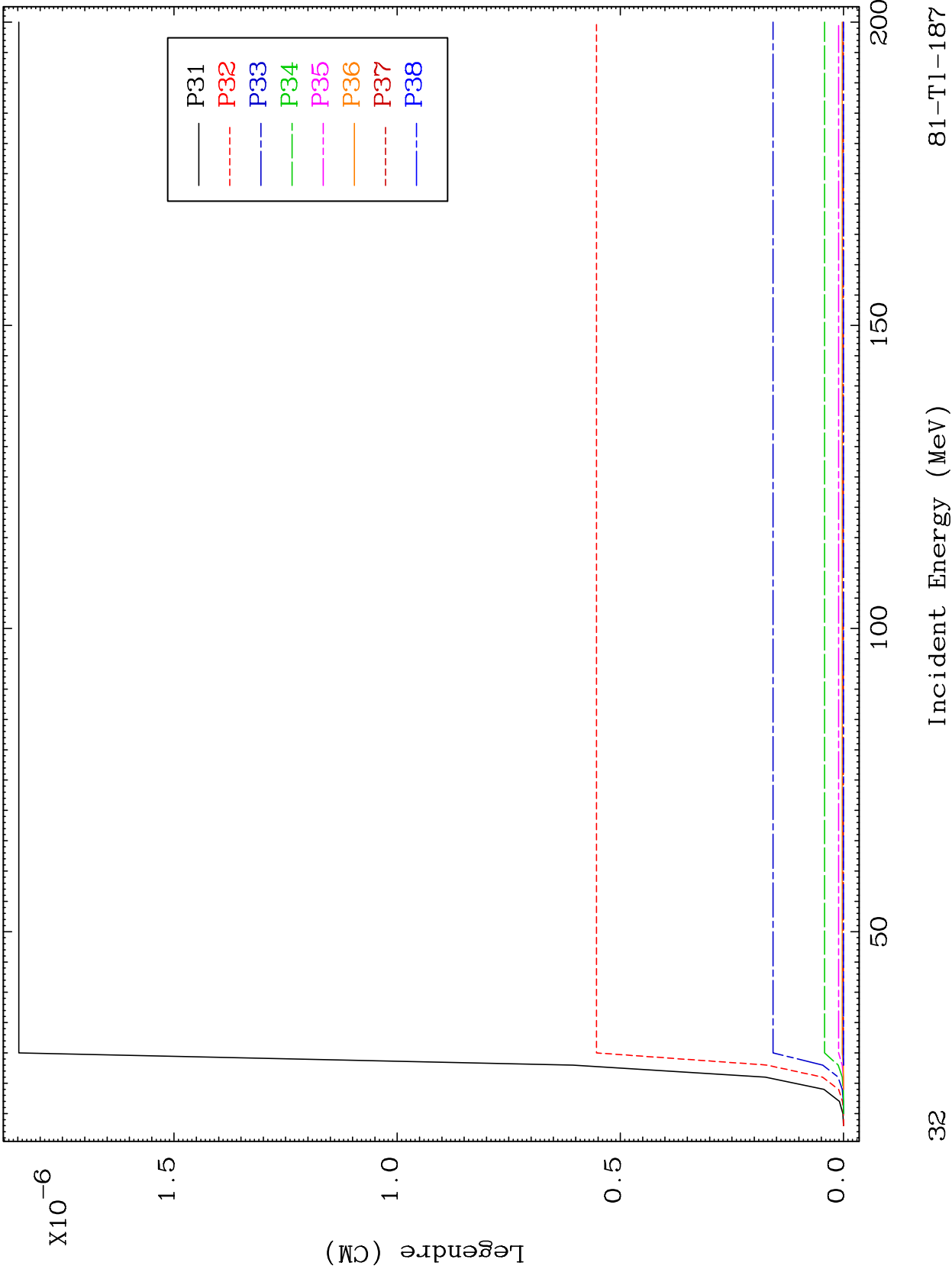




MAT 8077

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

81-Tl-187



32

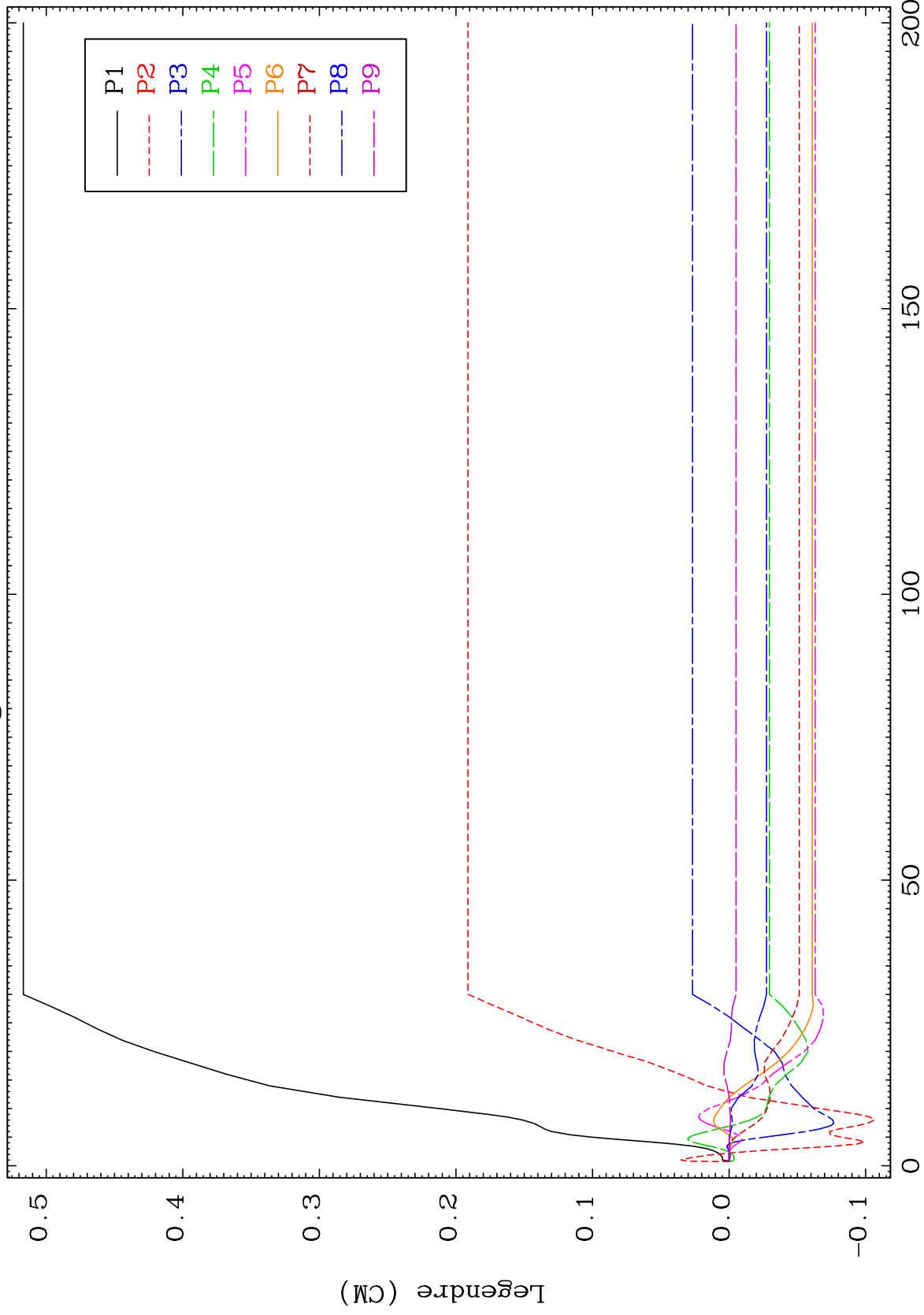
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



33

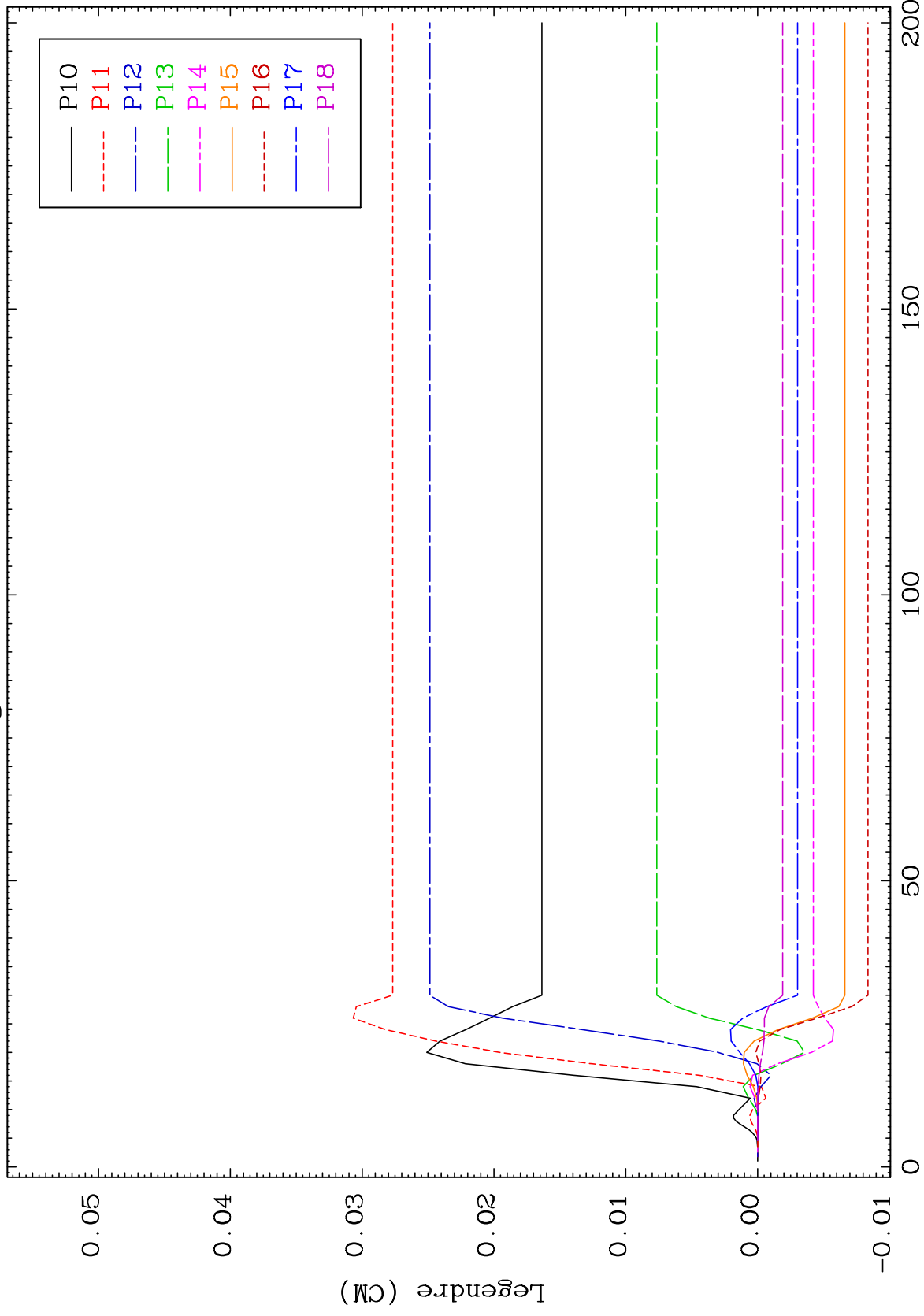
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

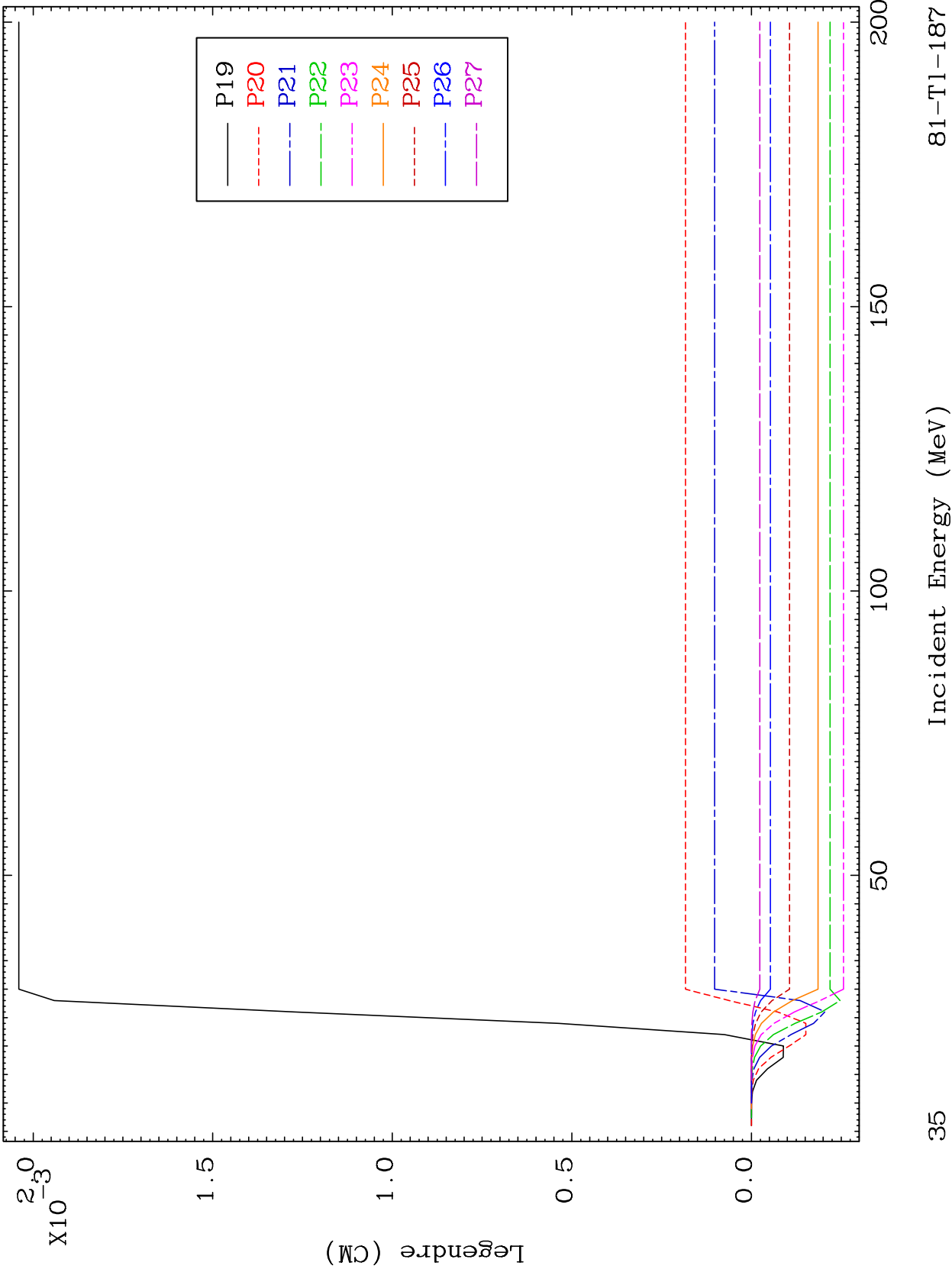
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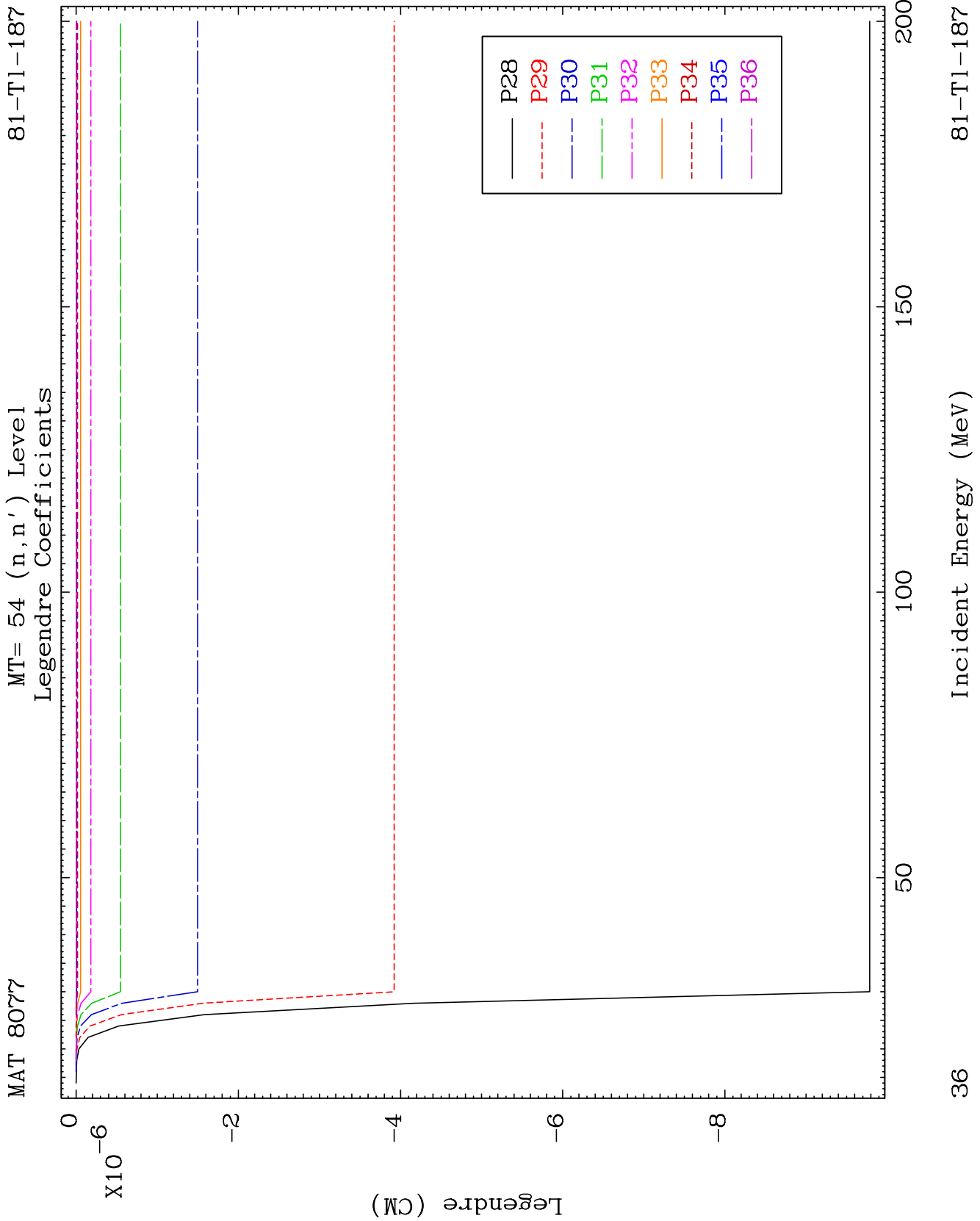


34

Incident Energy (MeV)

81-T1-187

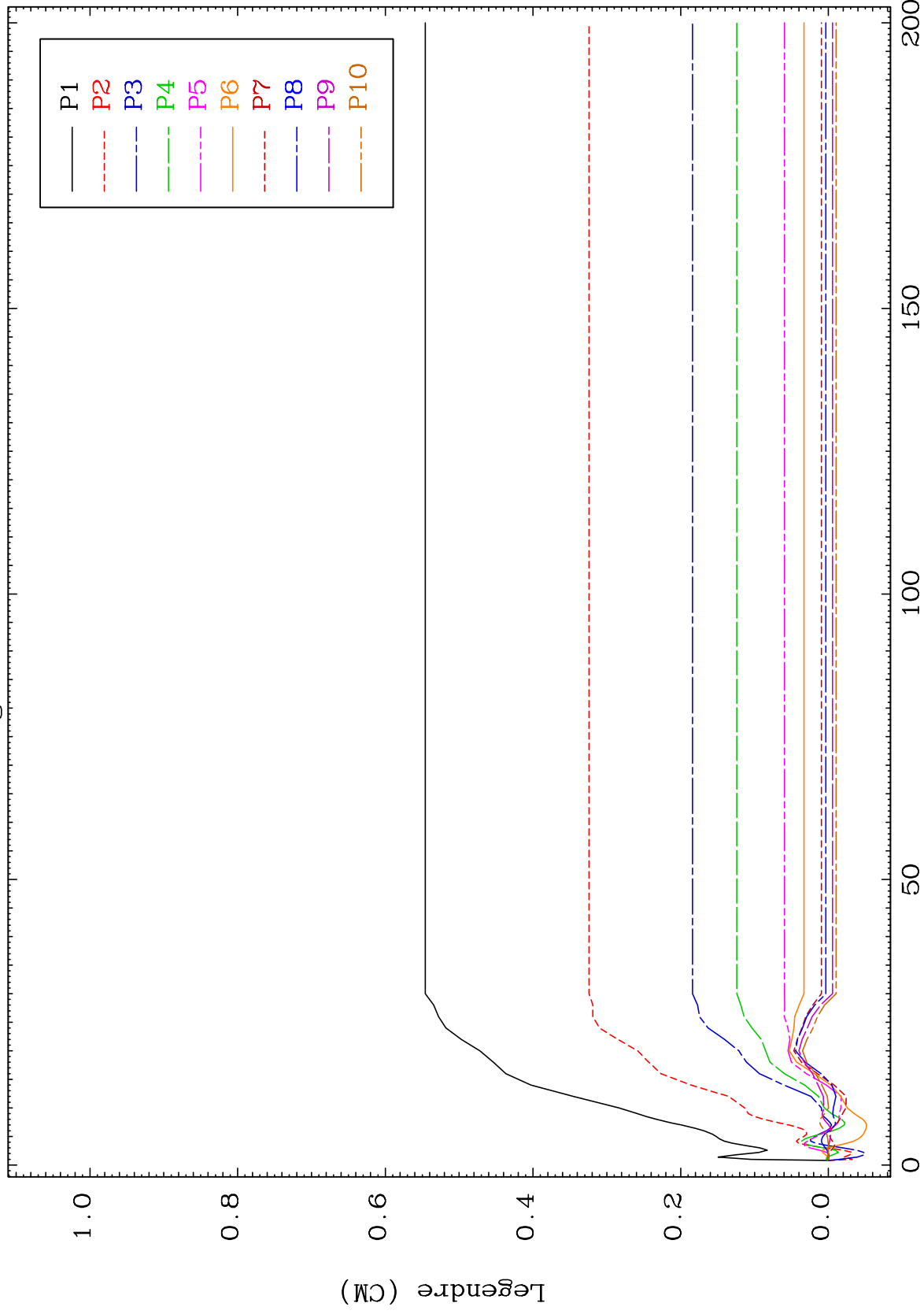




MAT 80777

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

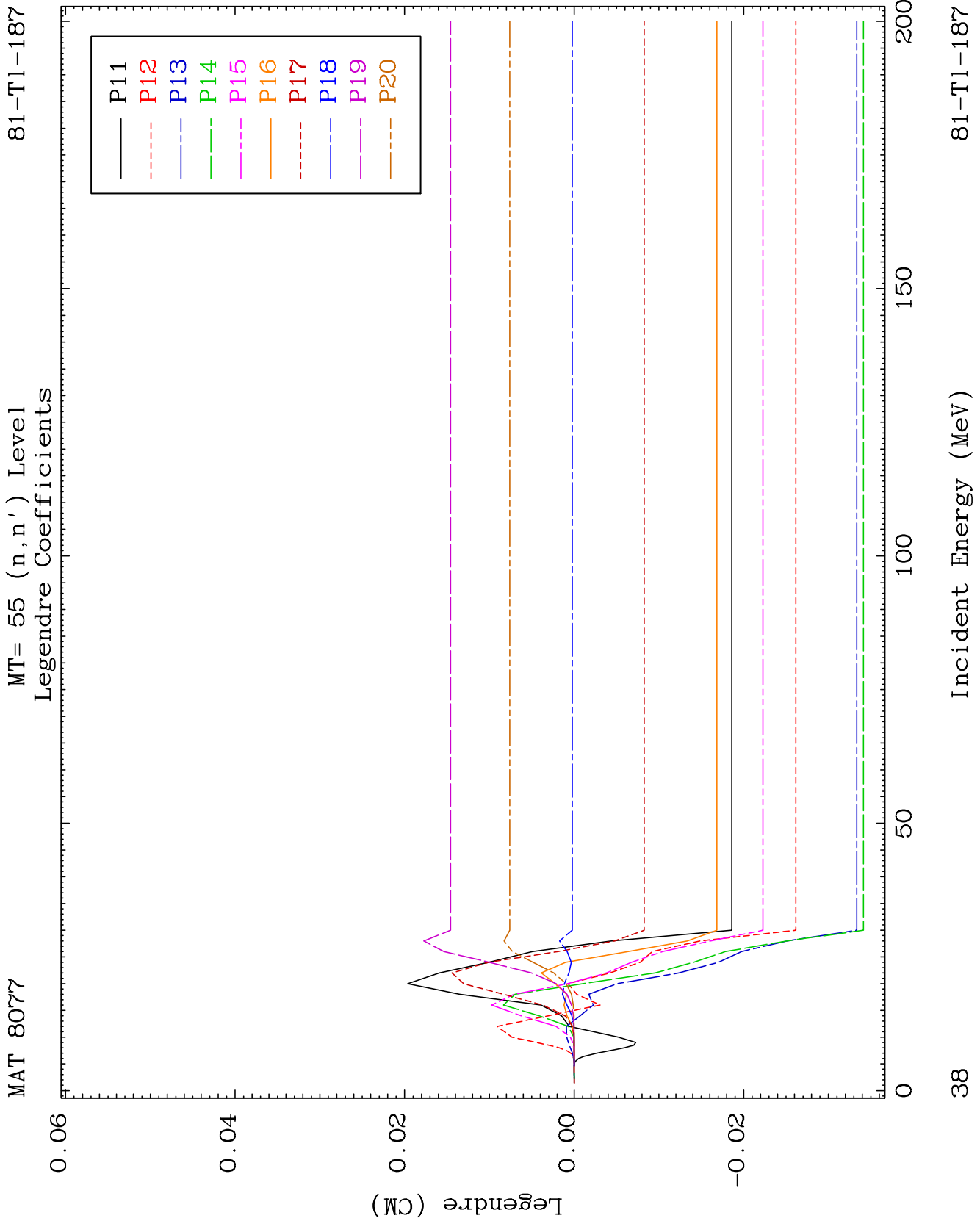
81-T1-187



37

Incident Energy (MeV)

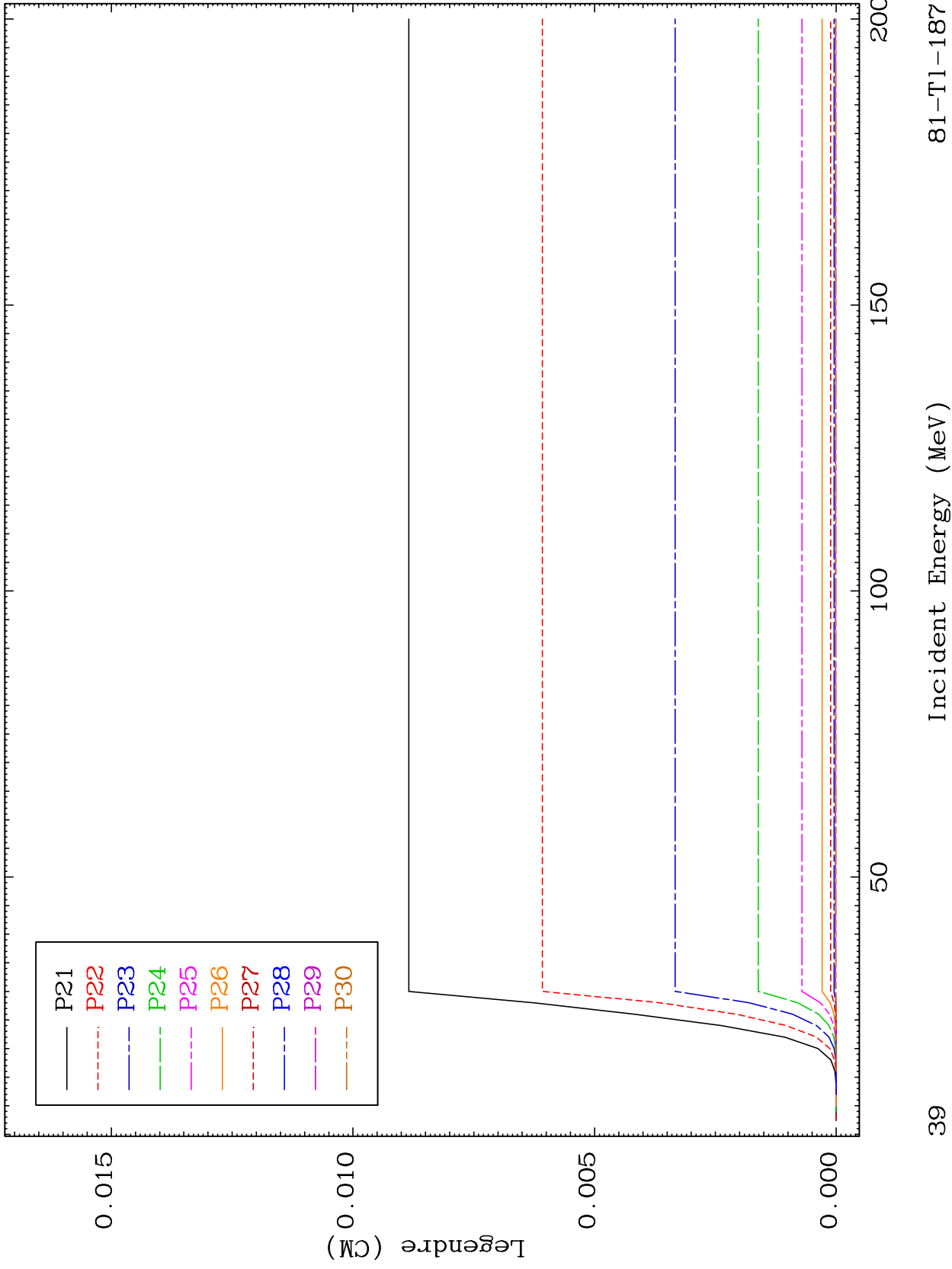
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MAT 8077

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

81-Tl-187

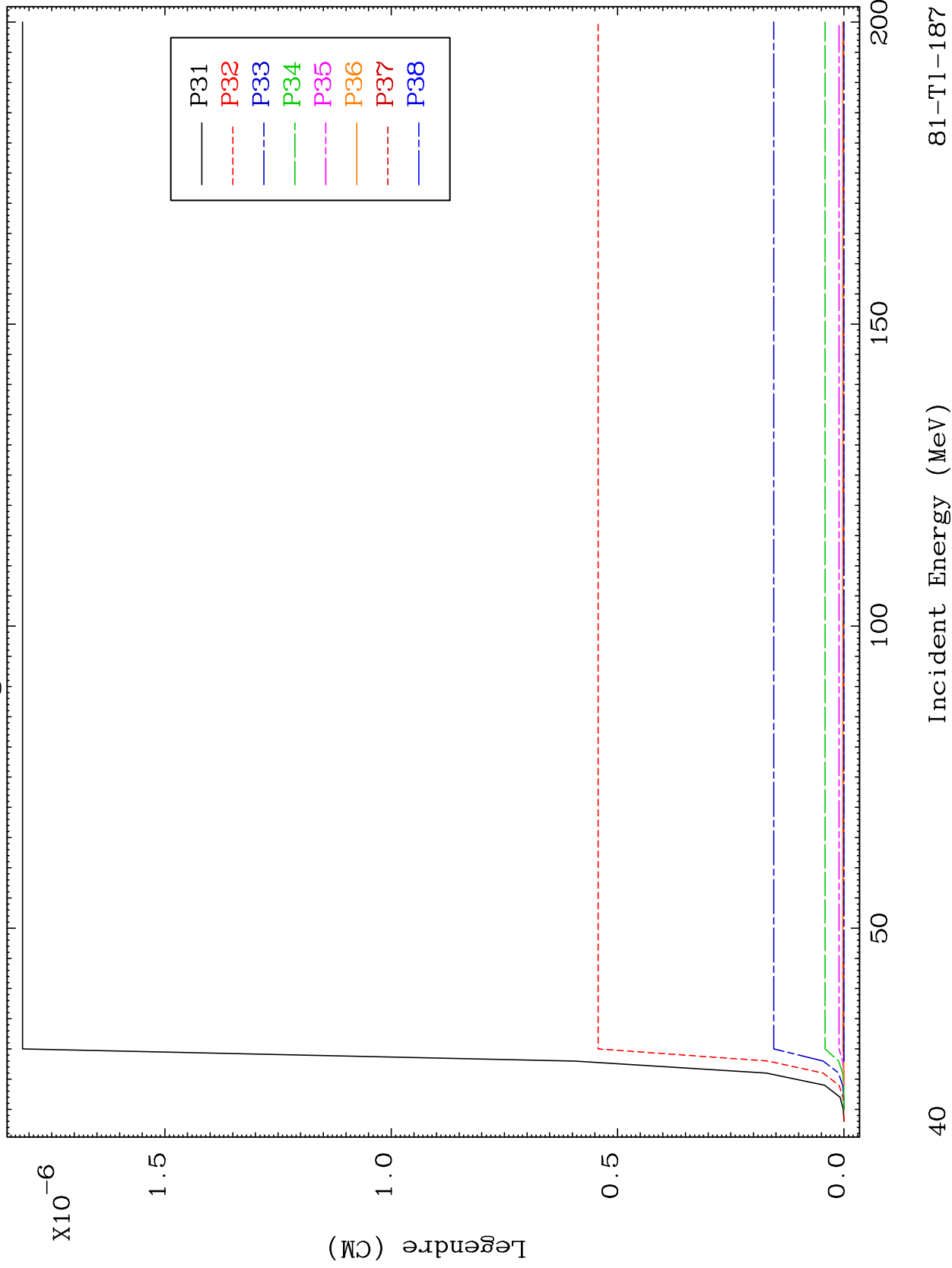


39

MAT 8077

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

81-Tl-187

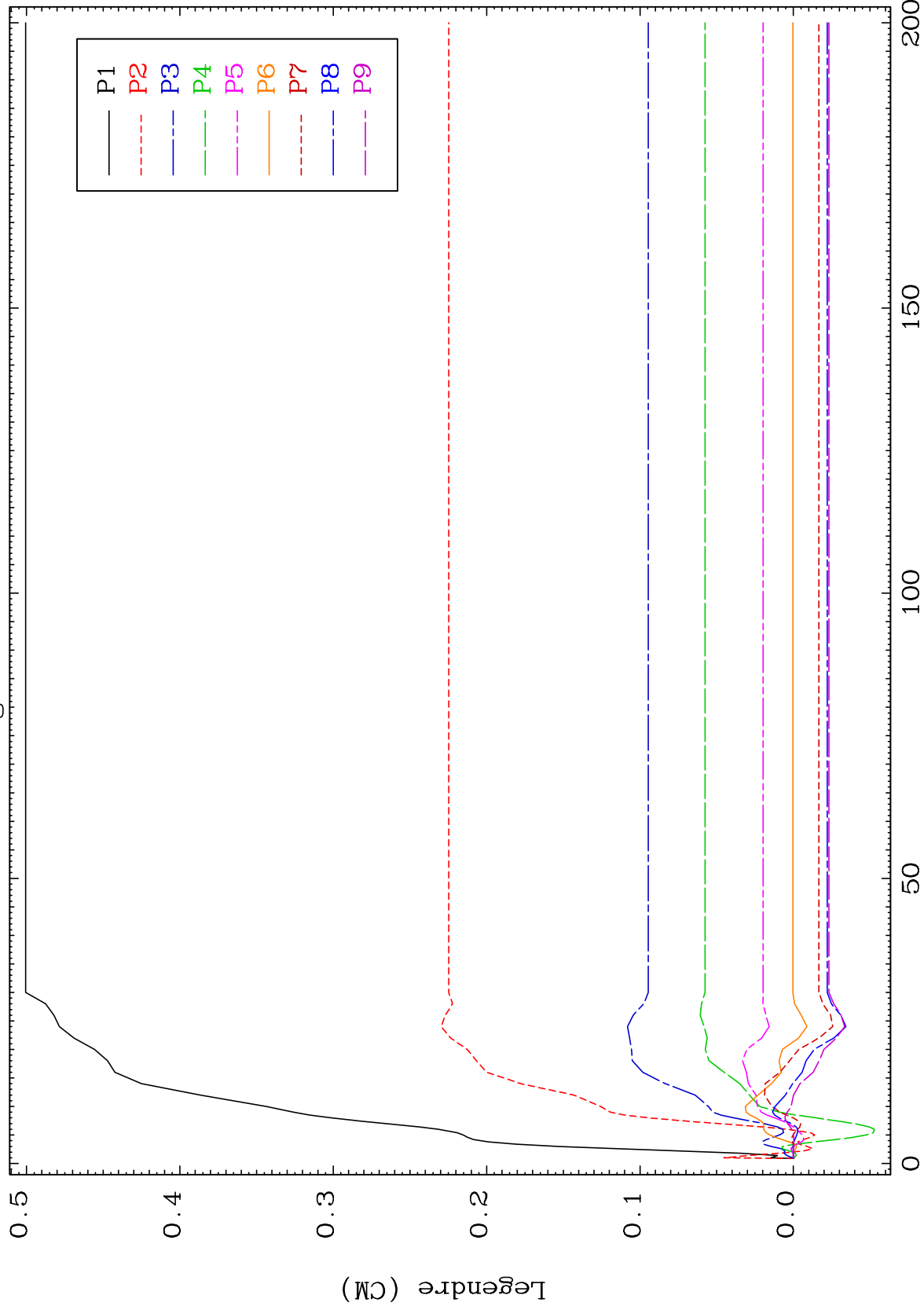


MAT 80777

MT= 56 (n,n') Level

81-Tl-187

Legendre Coefficients



41

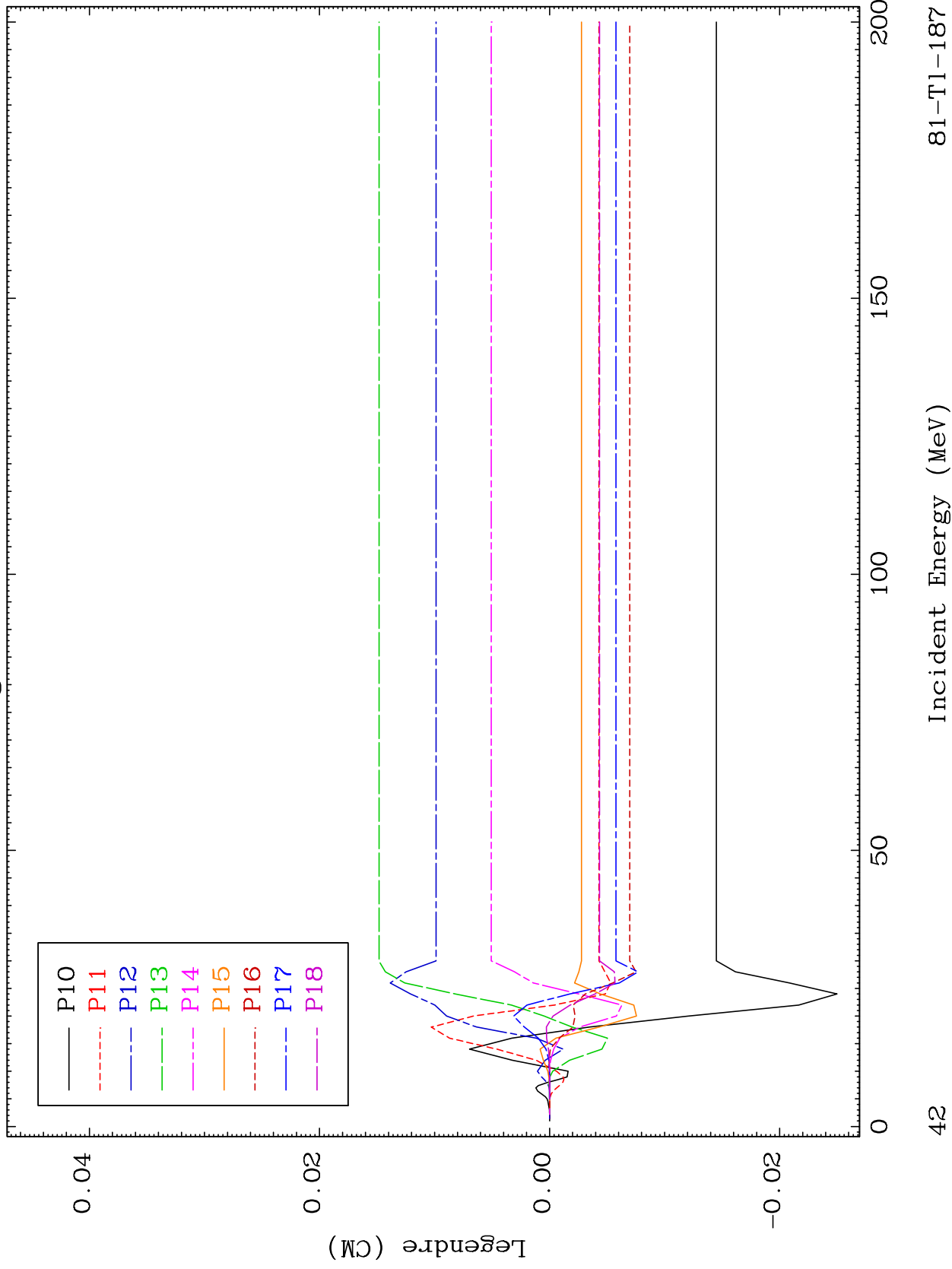
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



81-Tl-187

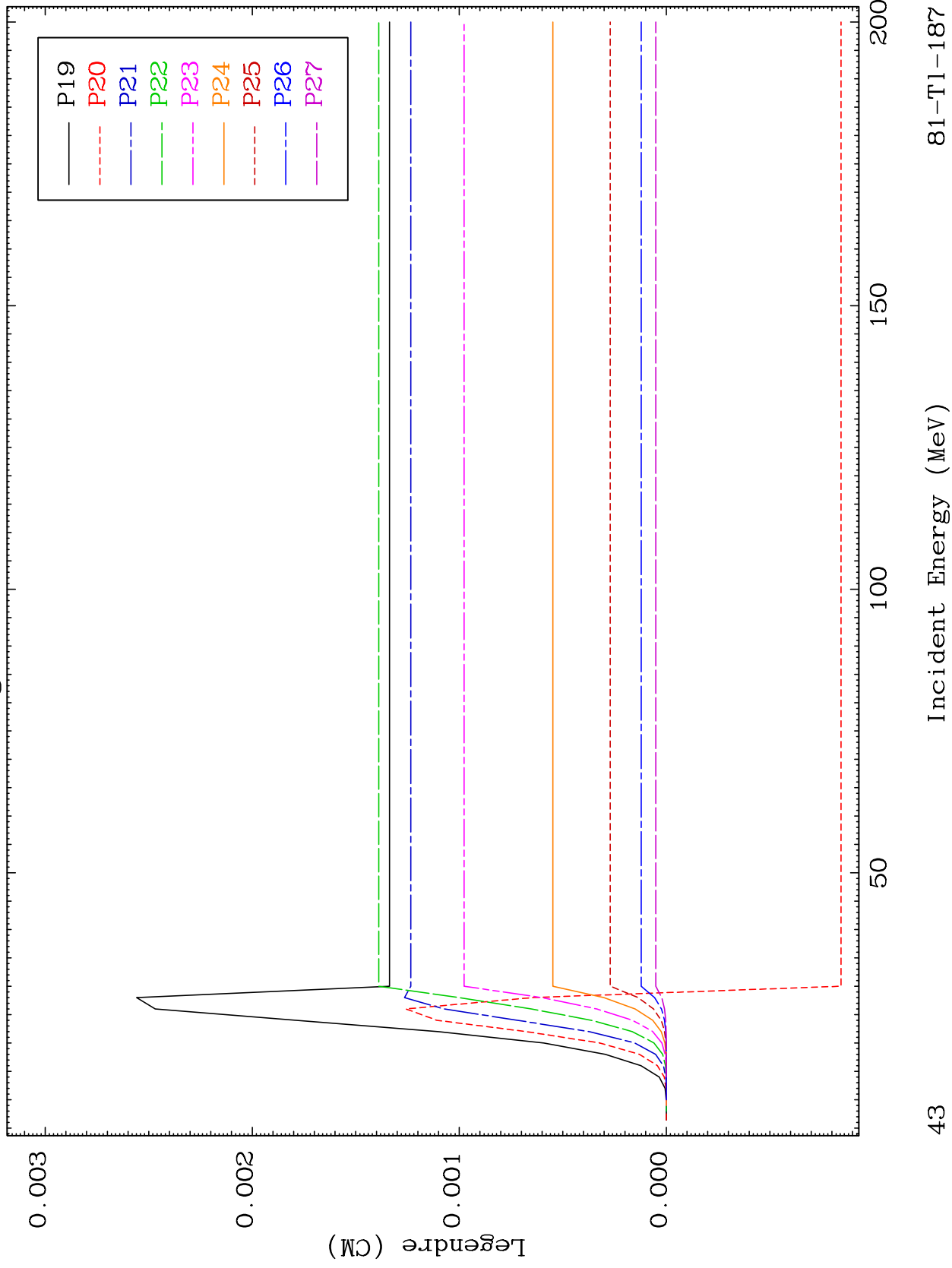
Incident Energy (MeV)

42

MAT 8077

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

81-Tl-187



43

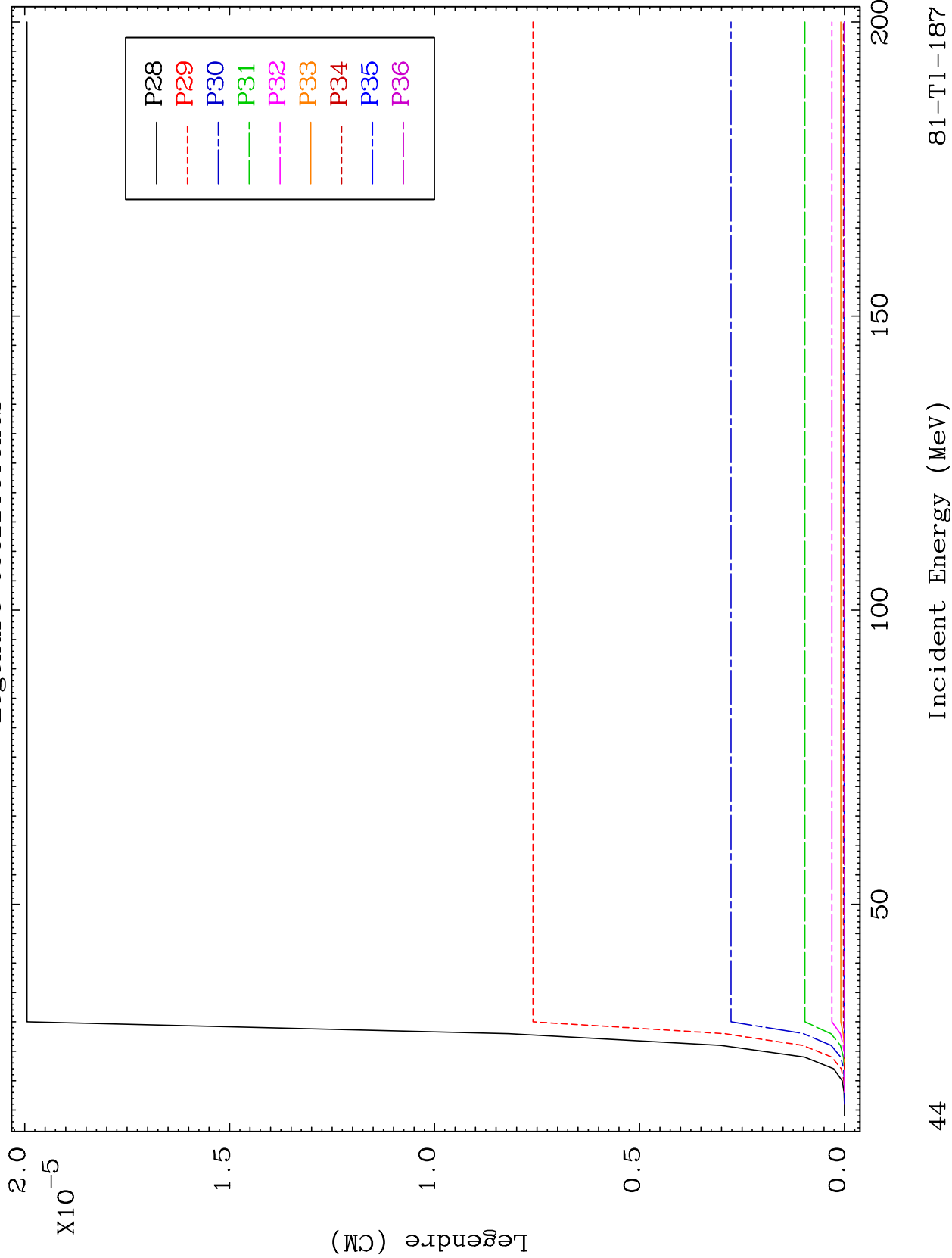
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



44

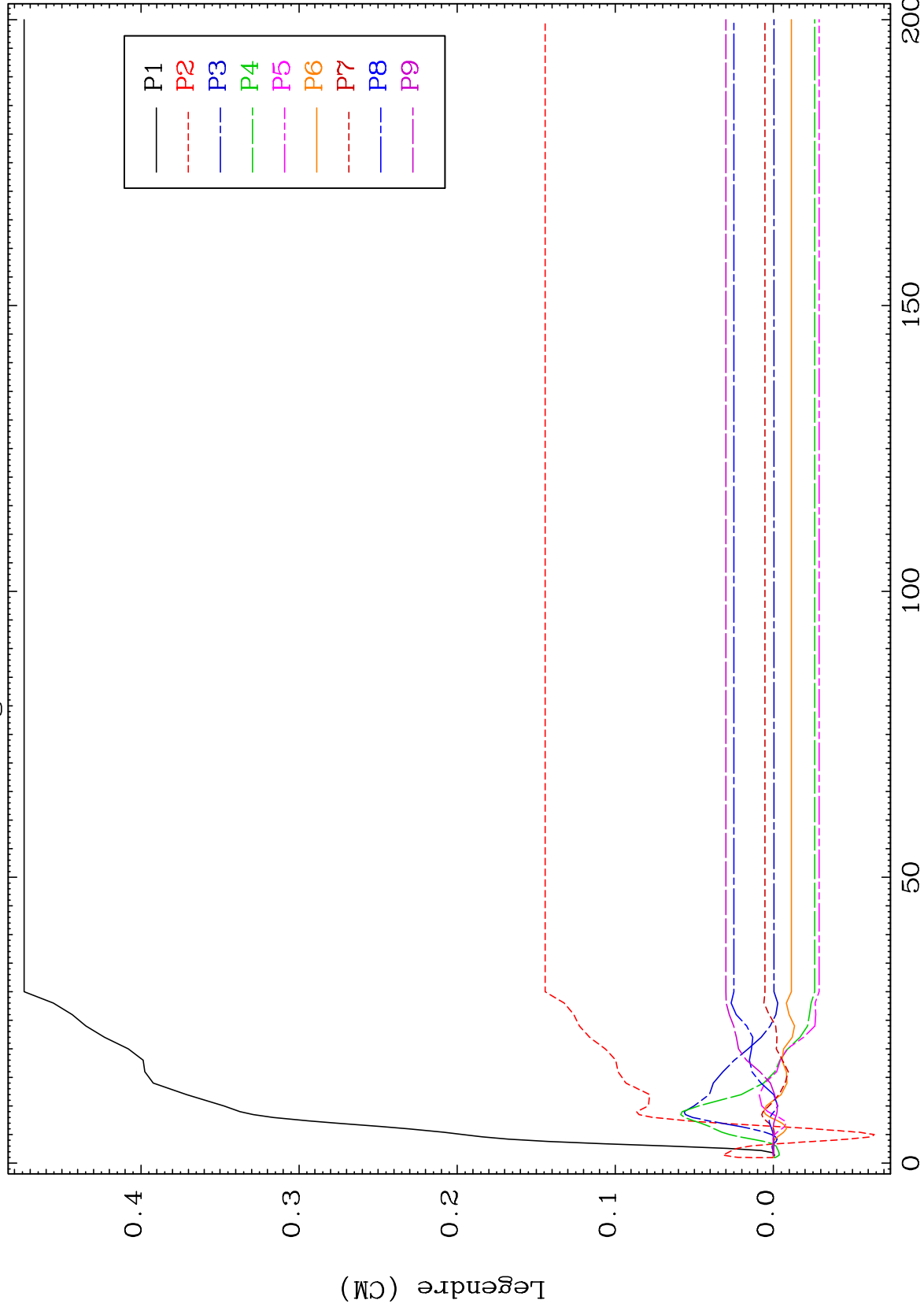
Incident Energy (MeV)

81-Tl-187

MAT 80777

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

81-T1-187



81-T1-187

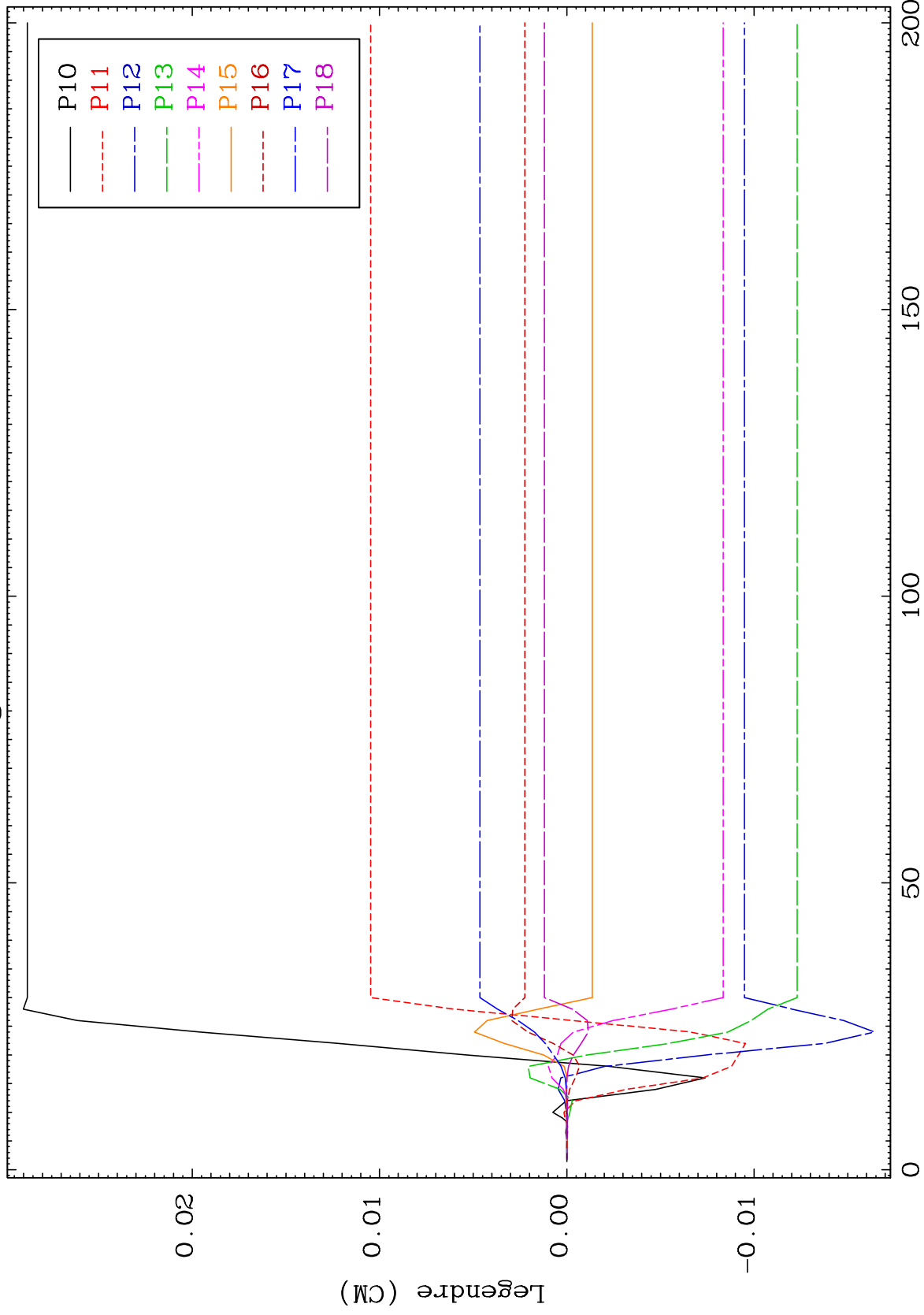
Incident Energy (MeV)

45

MAT 8077

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

81-Tl-187



46

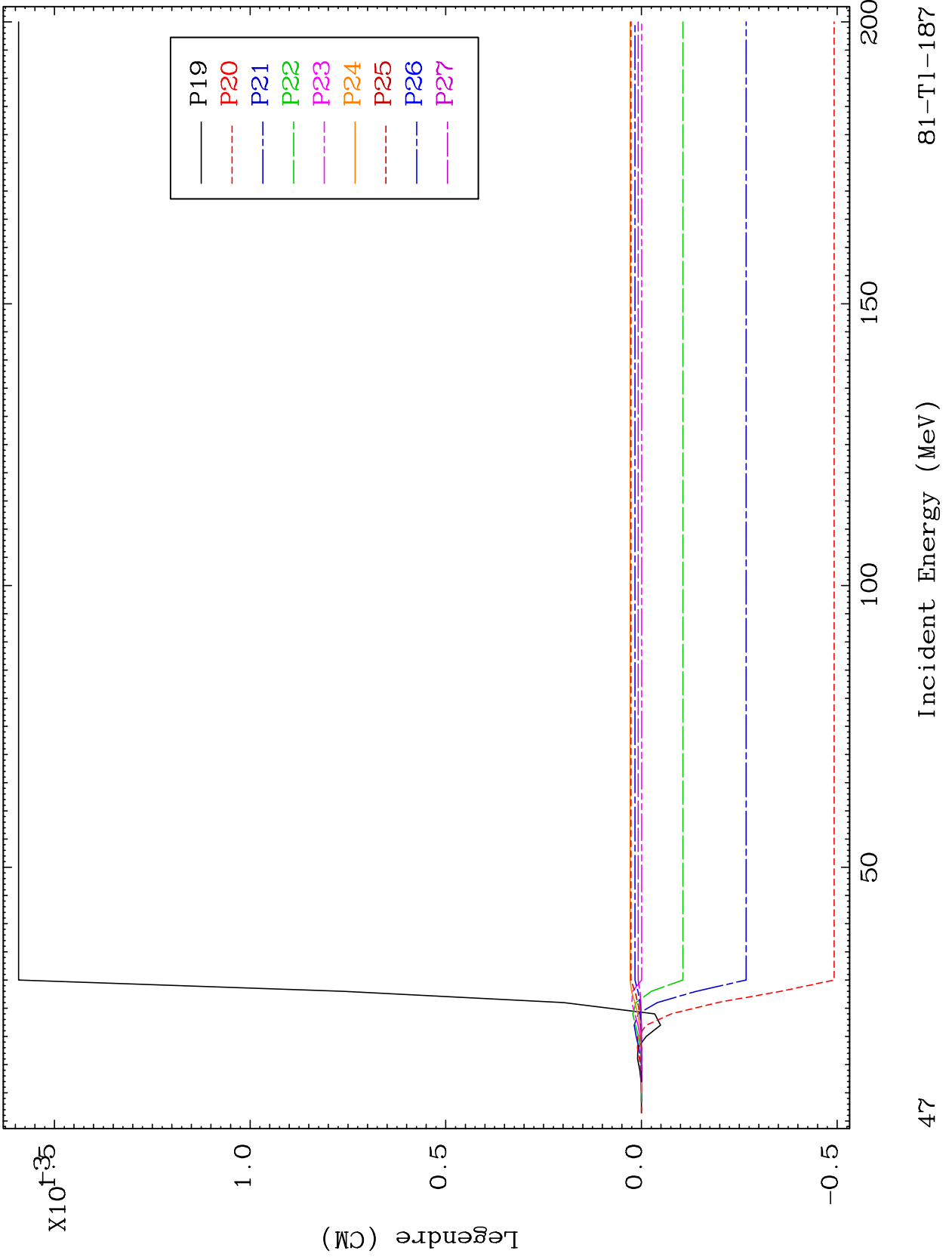
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



47

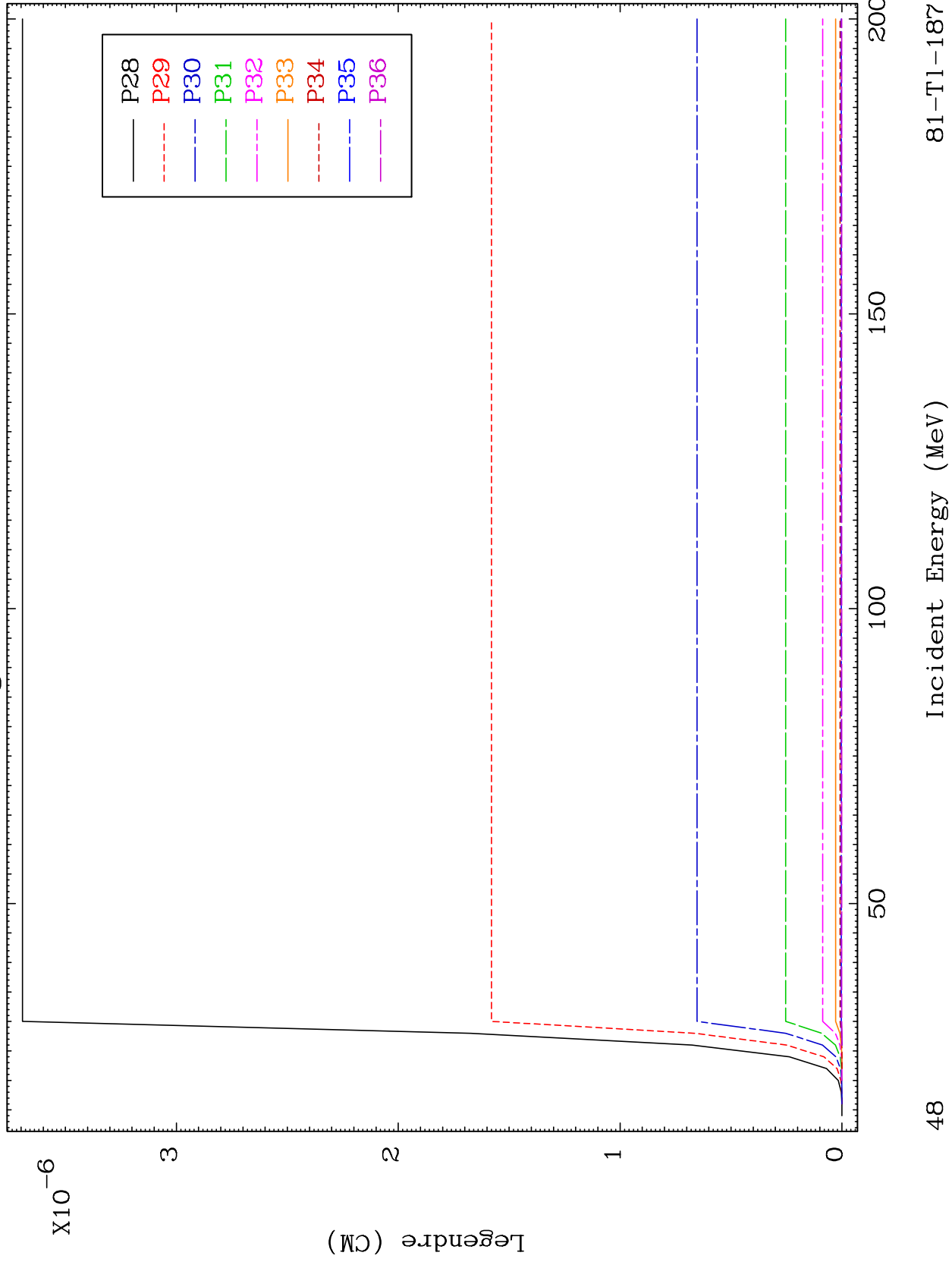
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

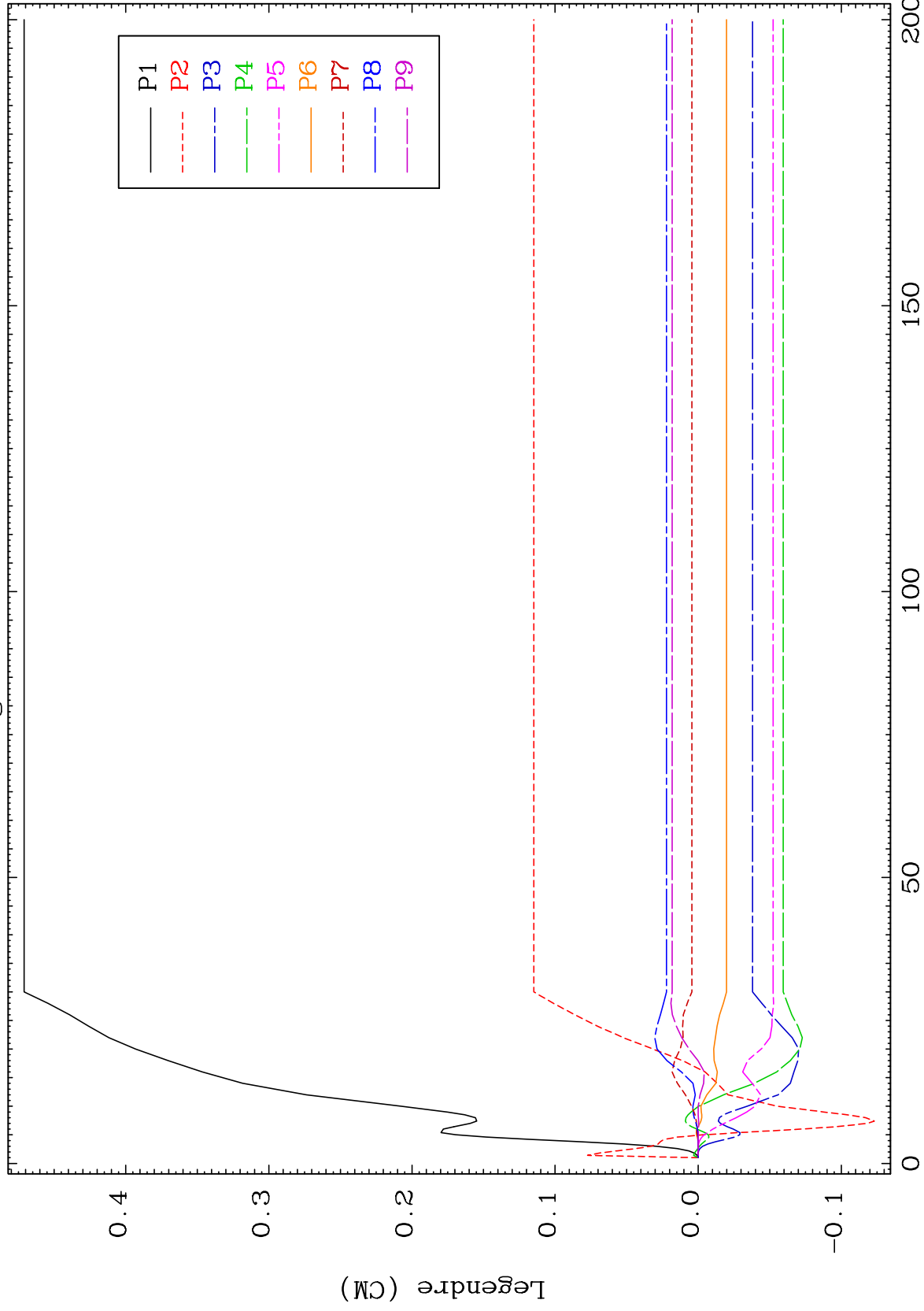
81-Tl-187



MAT 80777

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

81-Tl-187



49

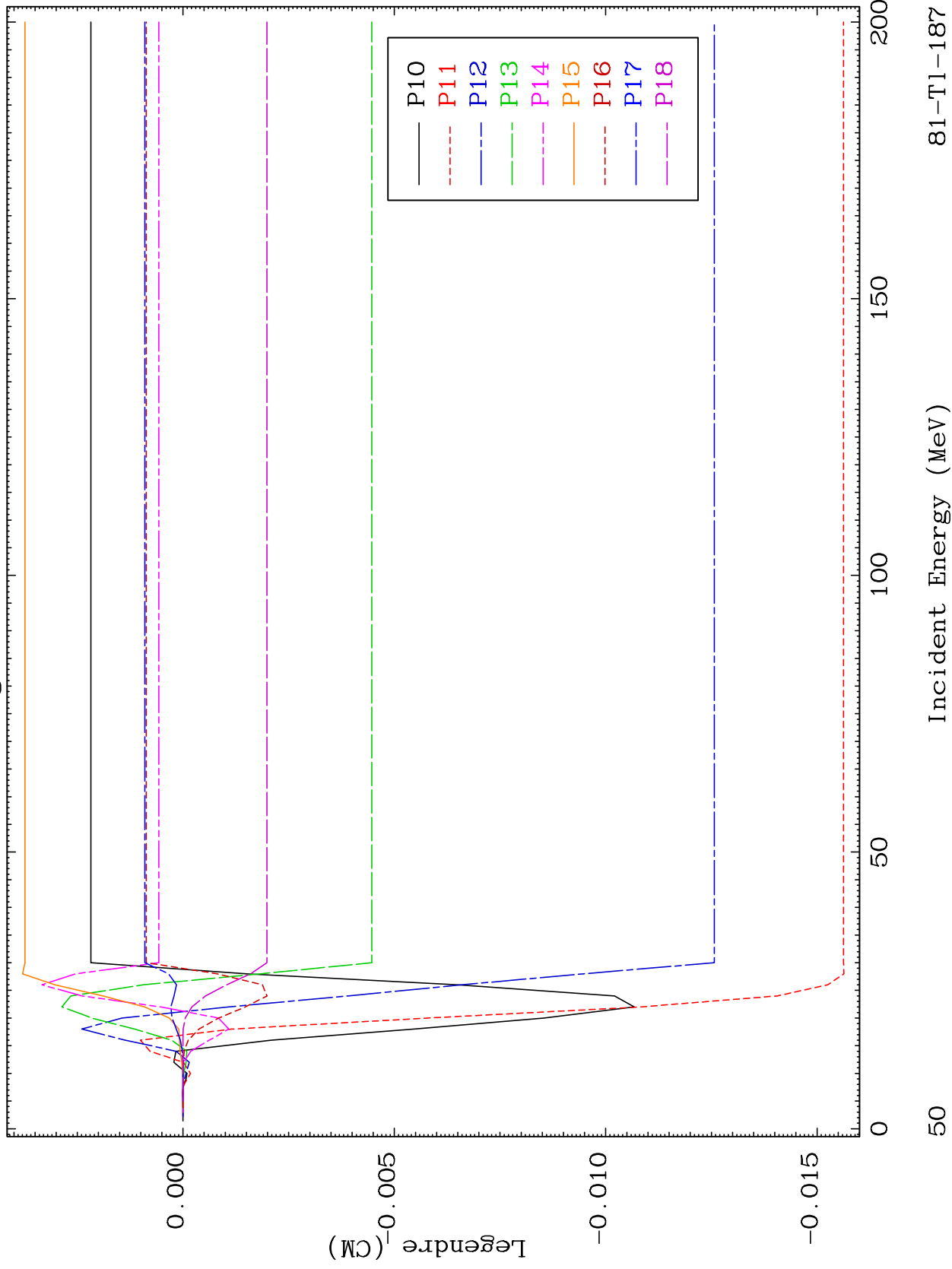
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-T1-187



81-T1-187

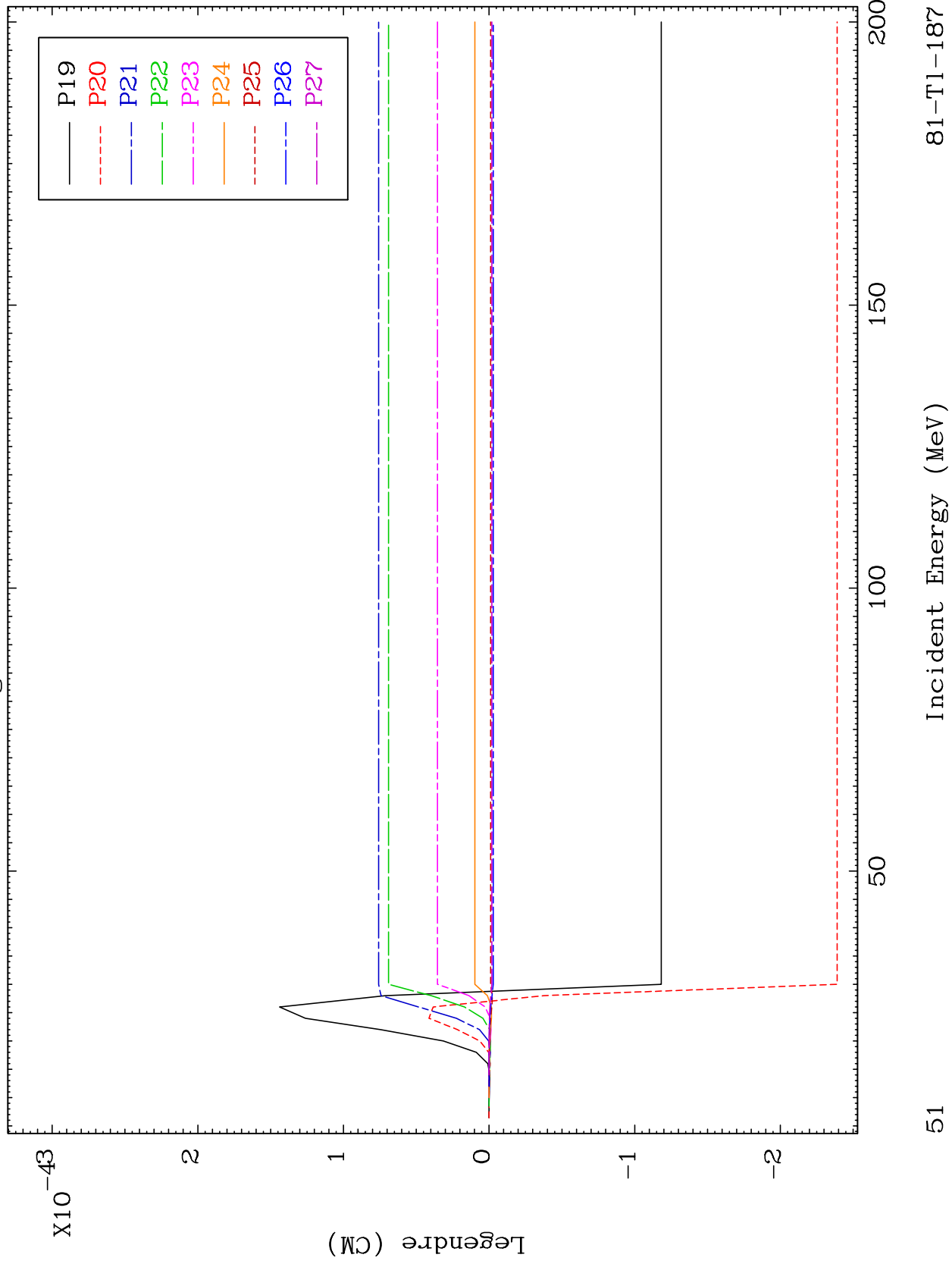
Incident Energy (MeV)

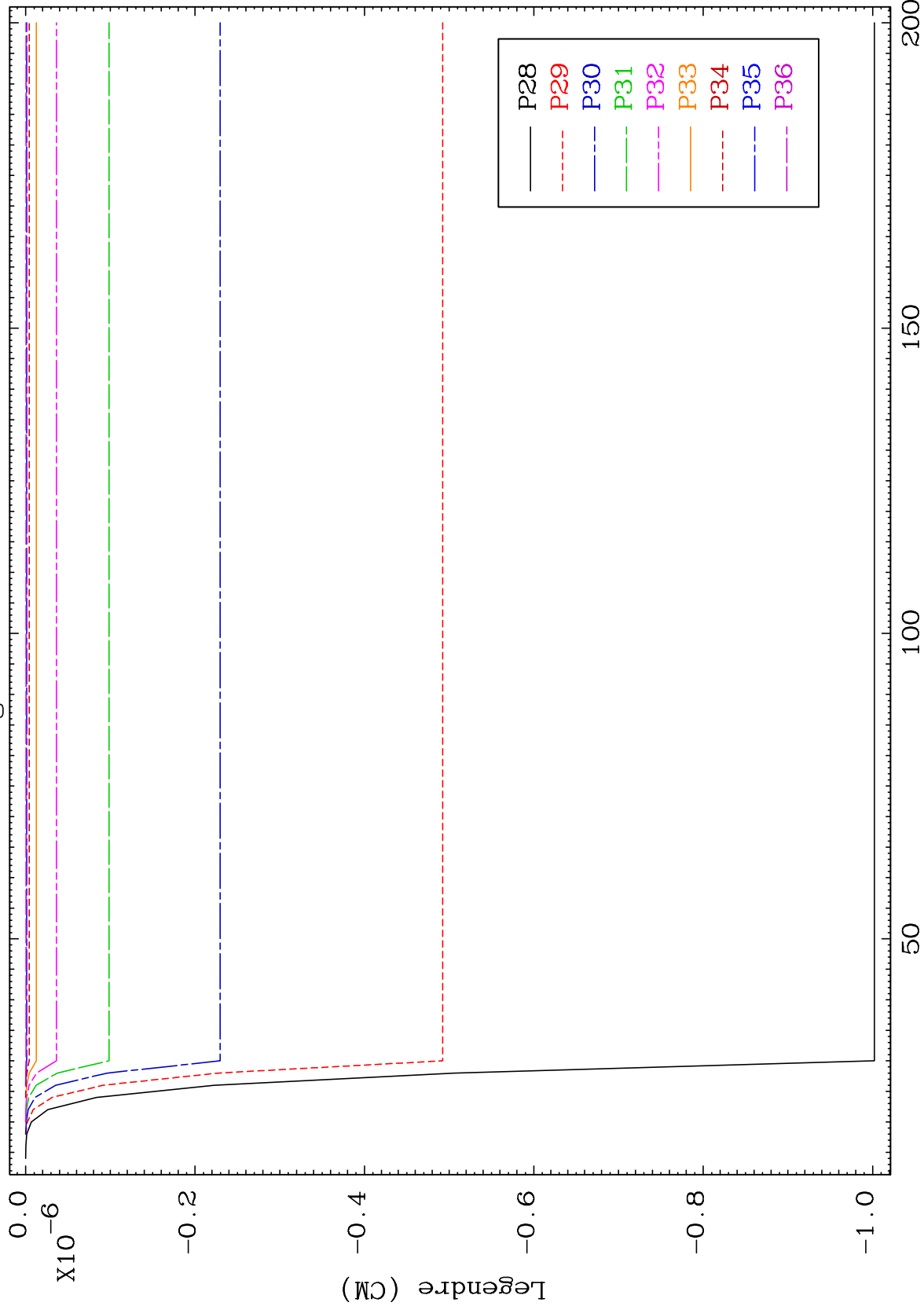
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MAT 8077

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

81-Tl-187

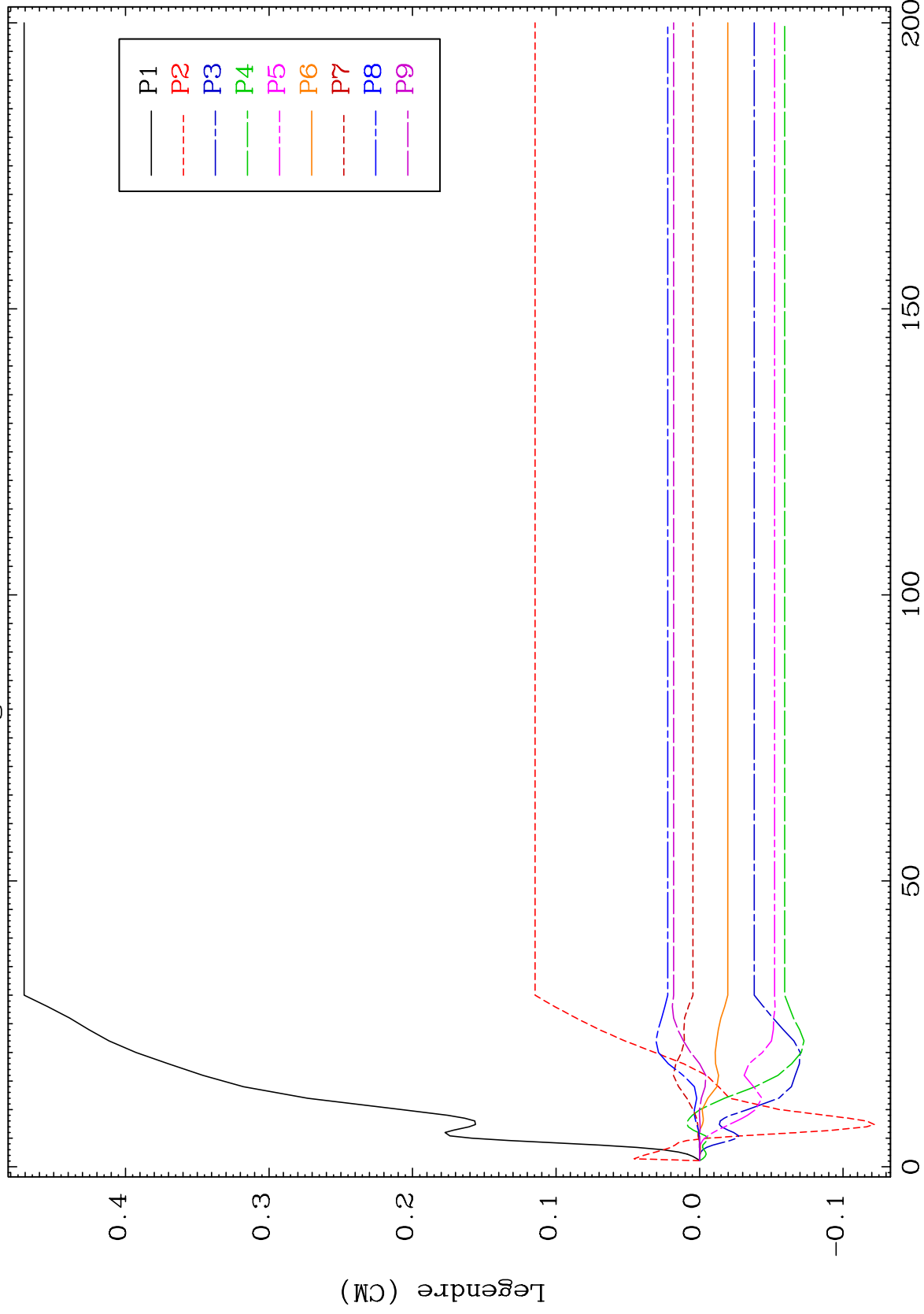




MAT 80777

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

81-Tl-187



53

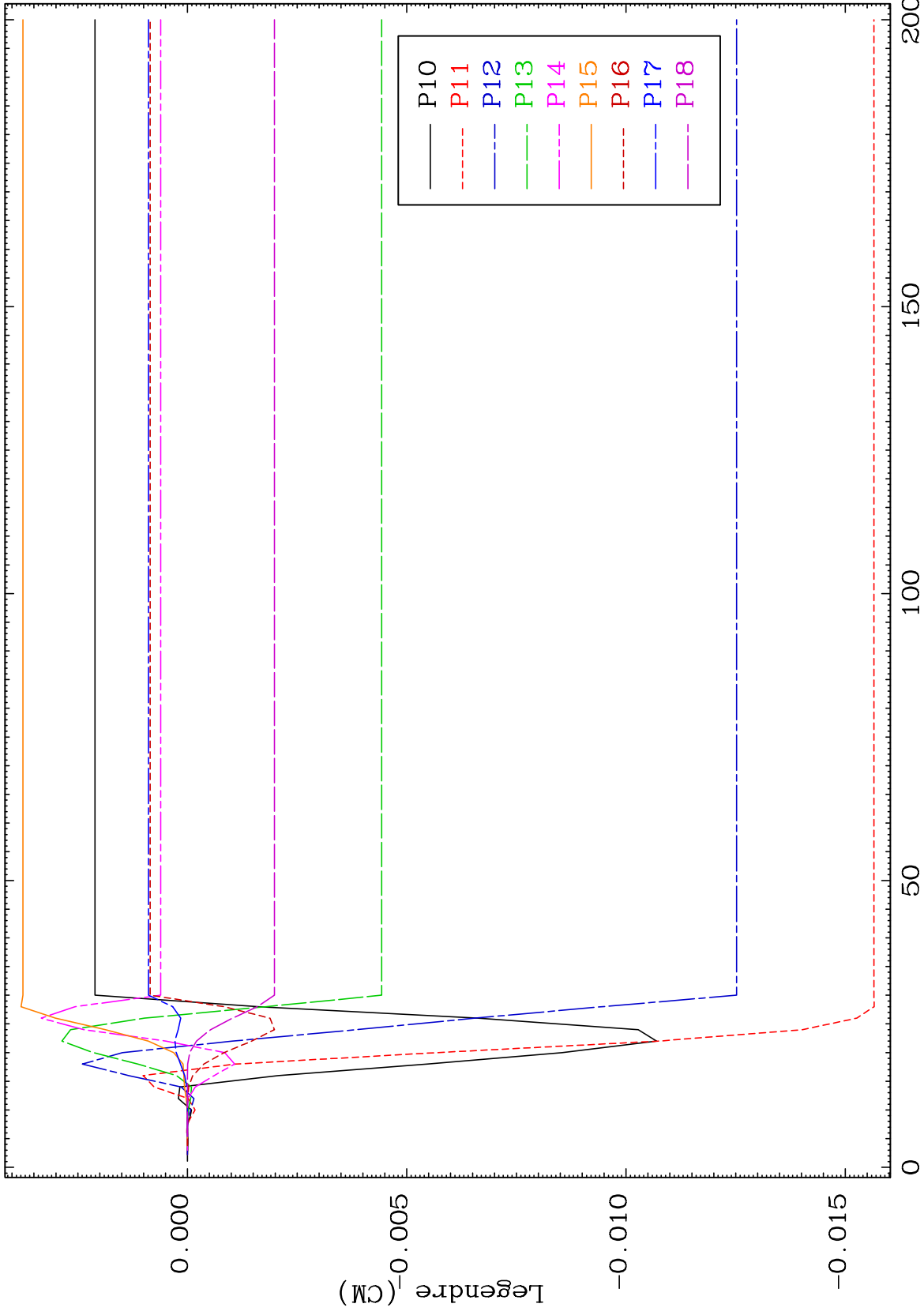
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



54

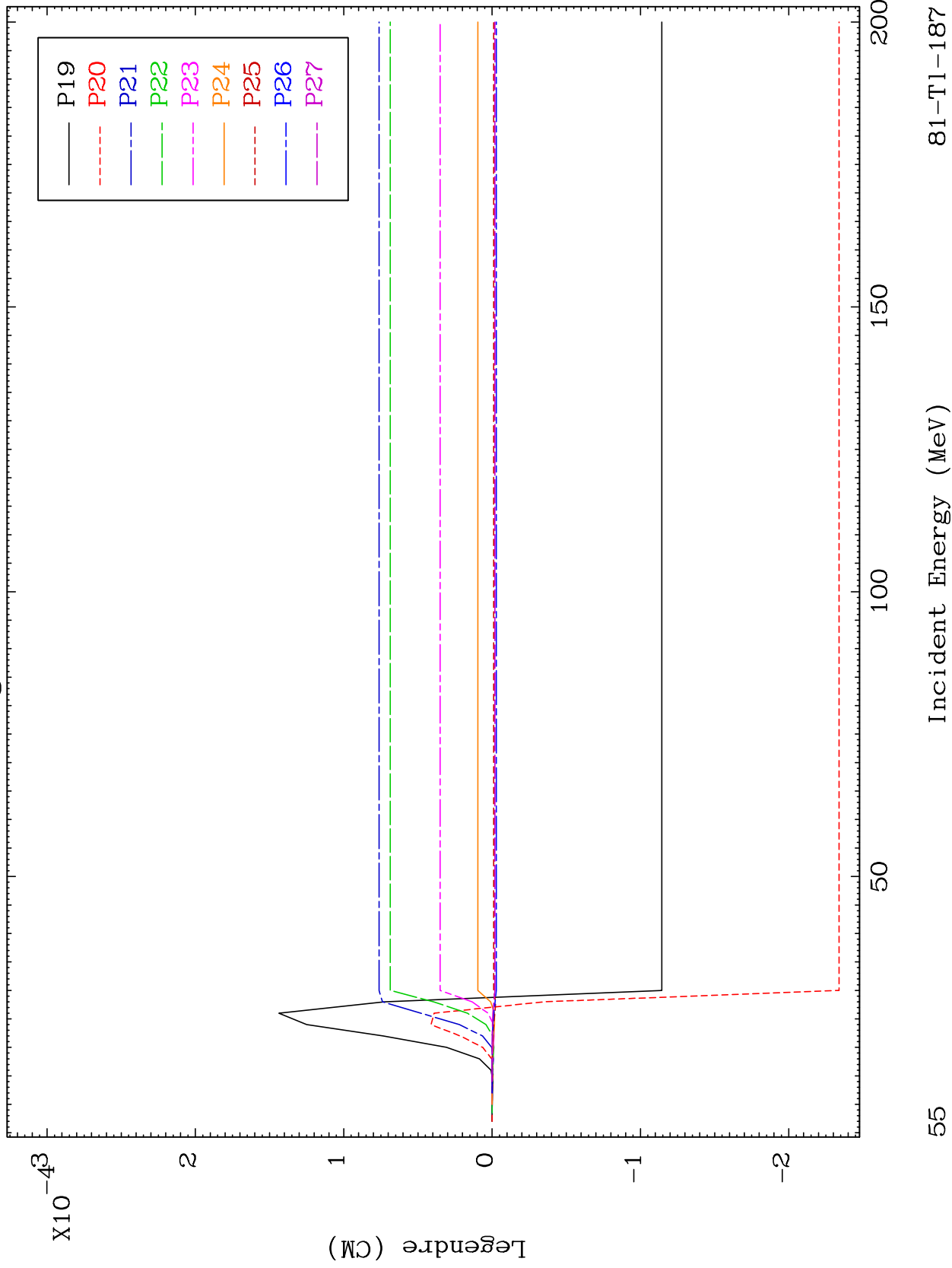
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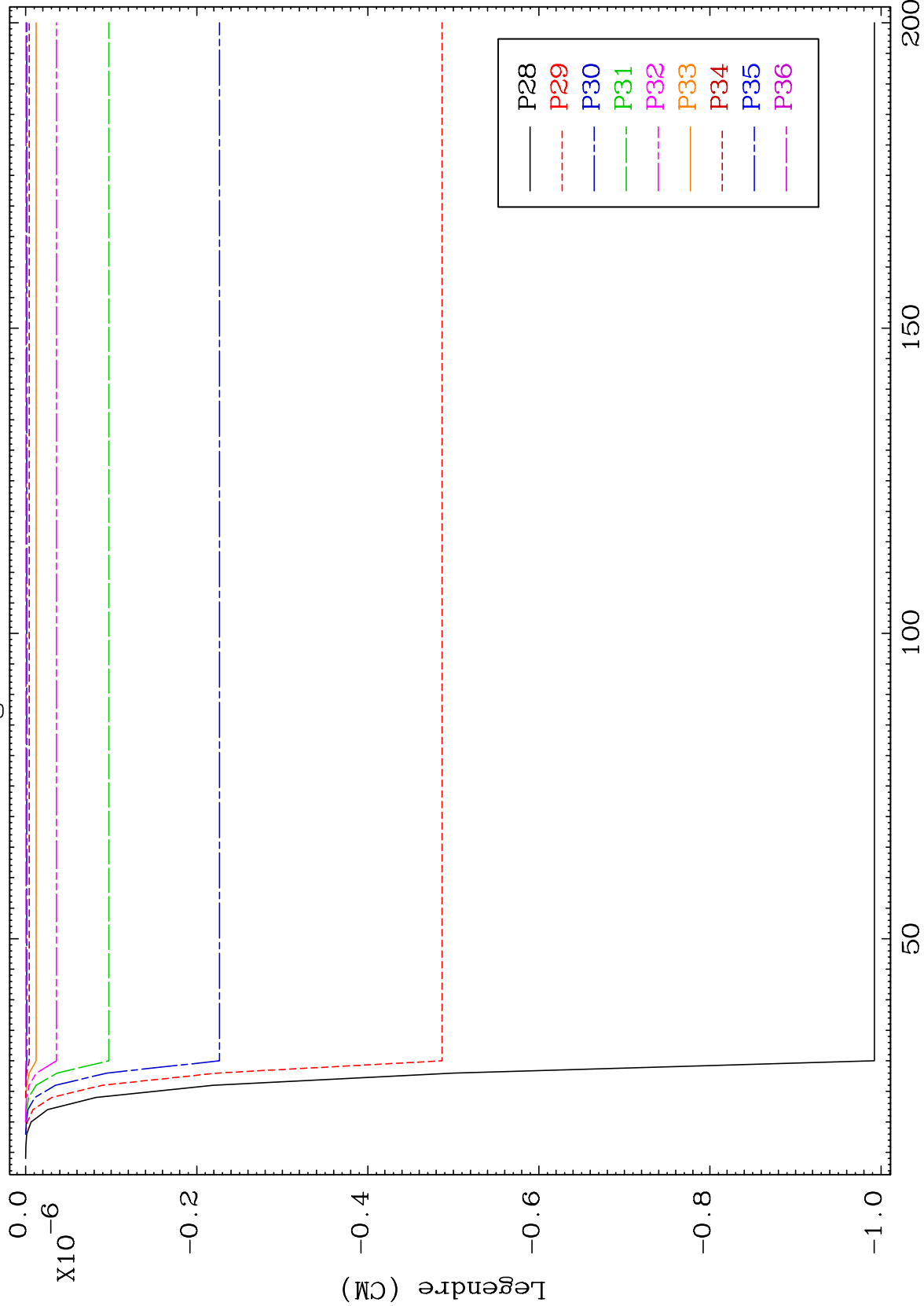
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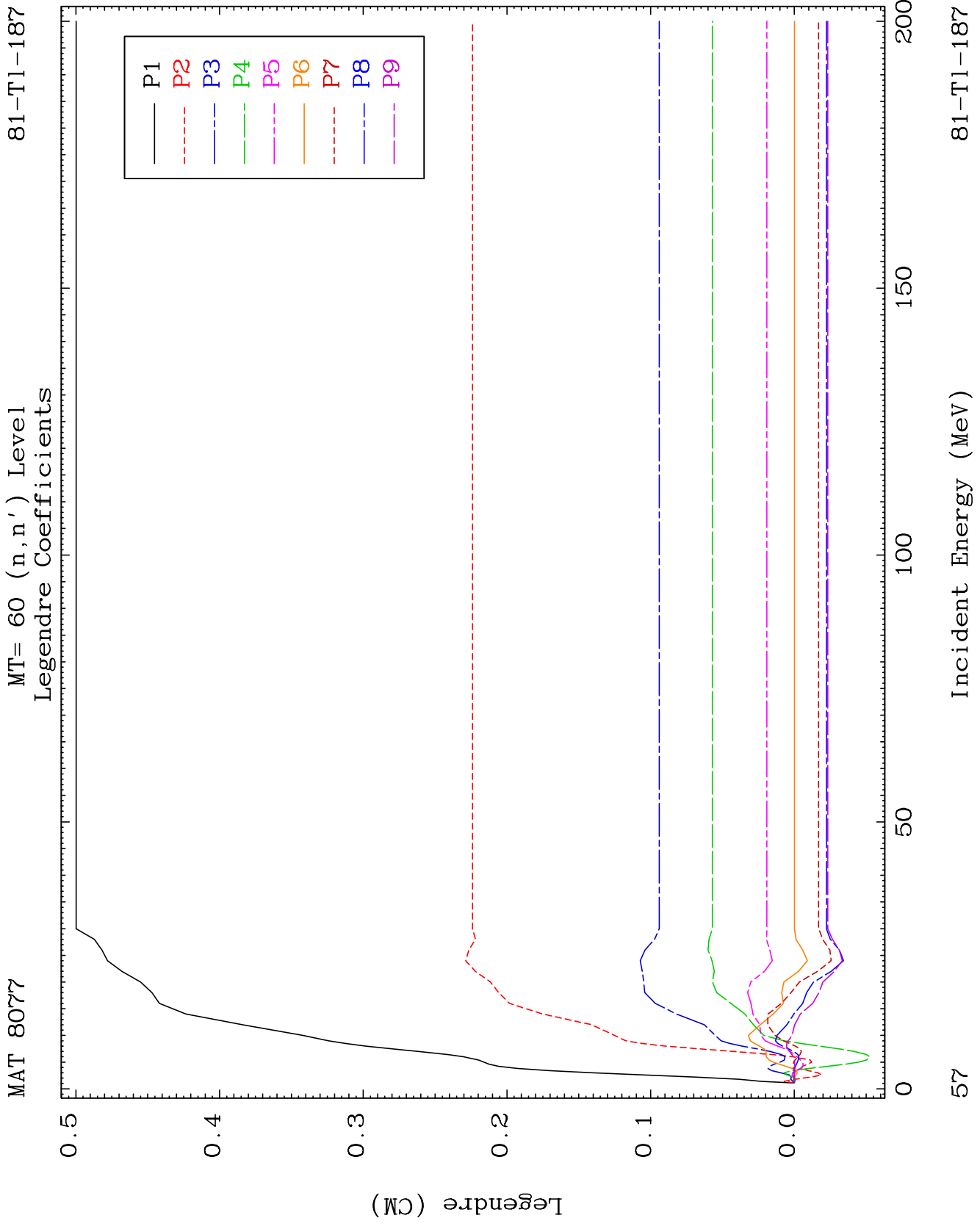
MAT 8077

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

81-Tl-187



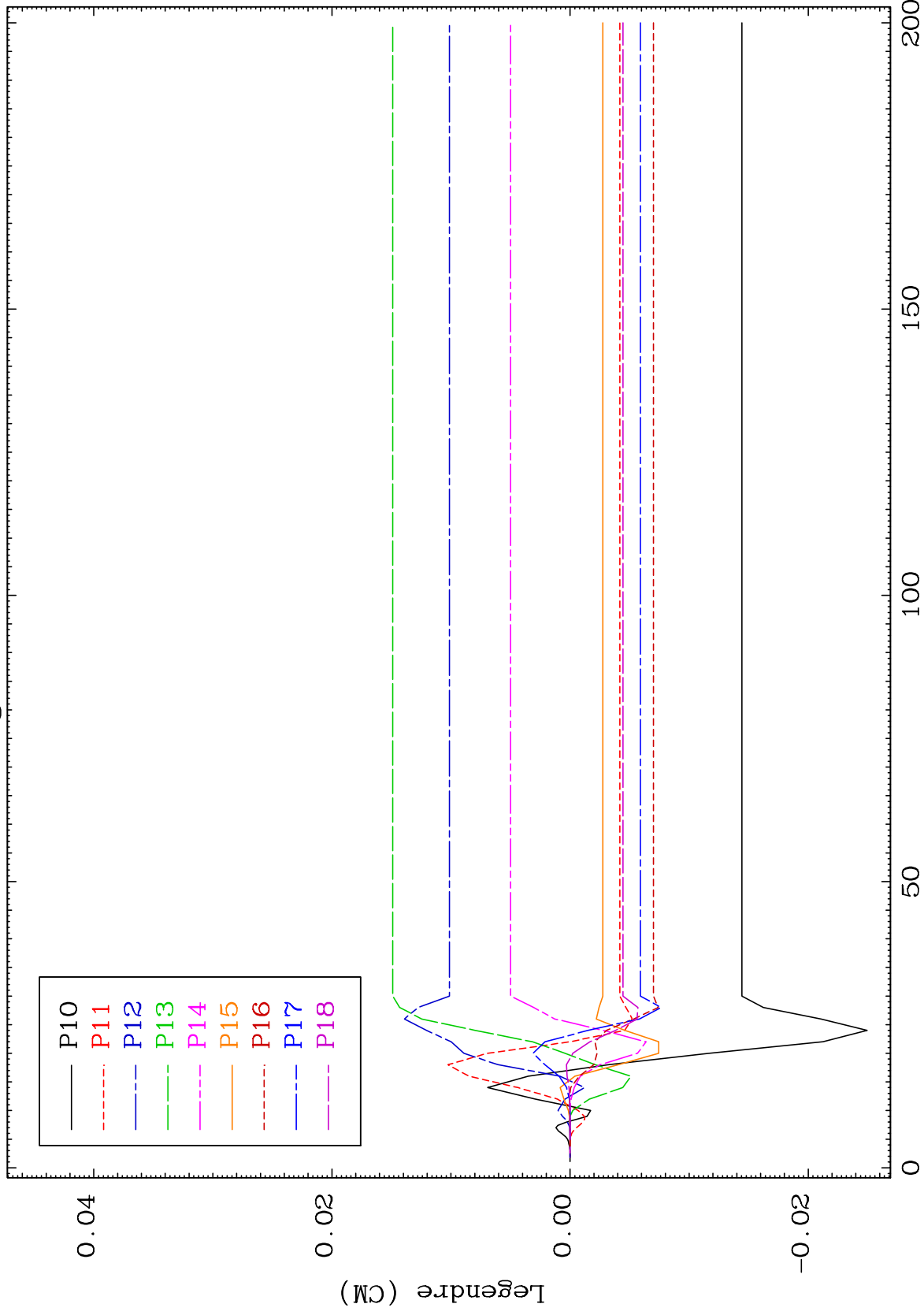




MAT 8077

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

81-Tl-187



58

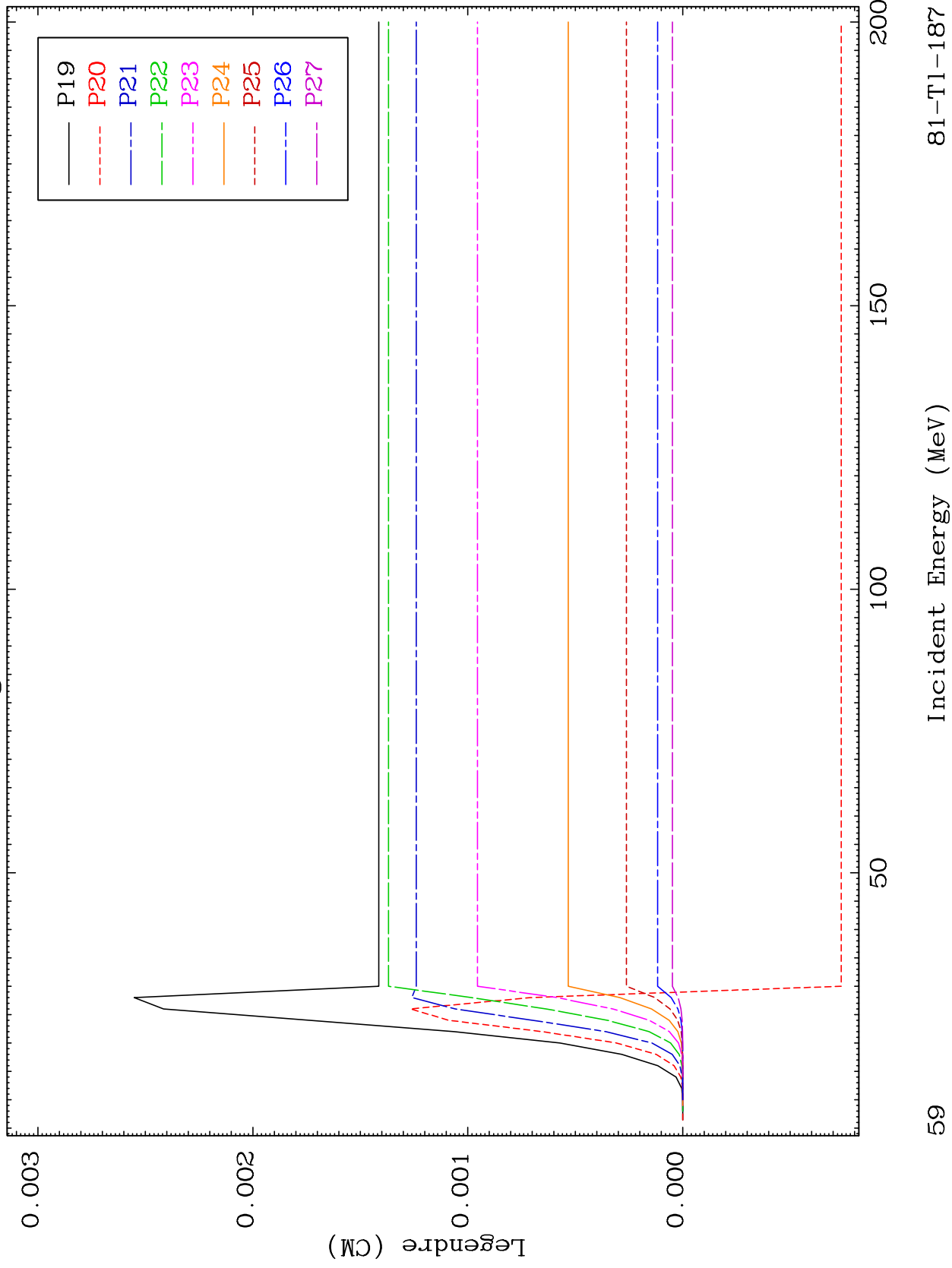
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



59

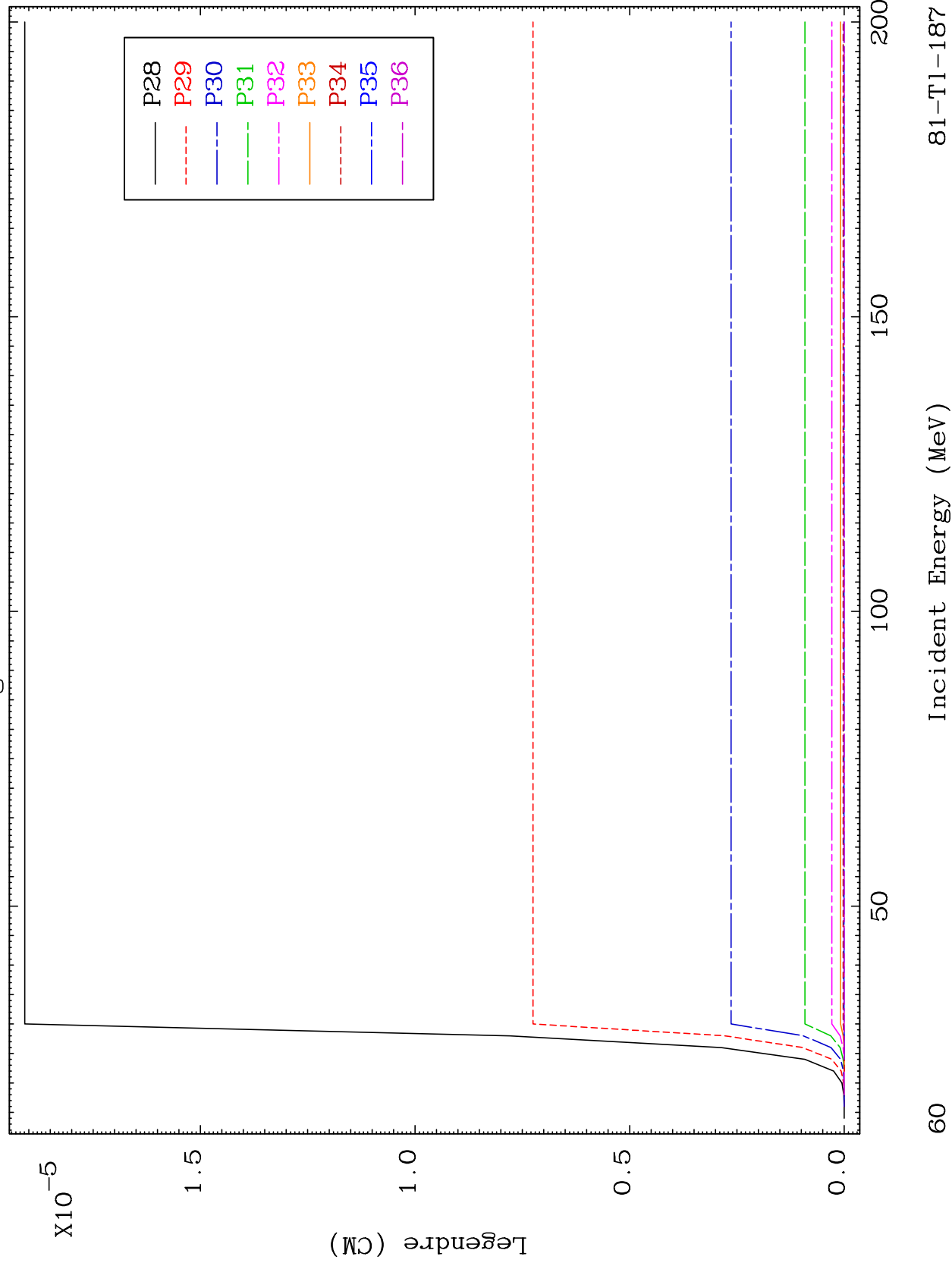
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

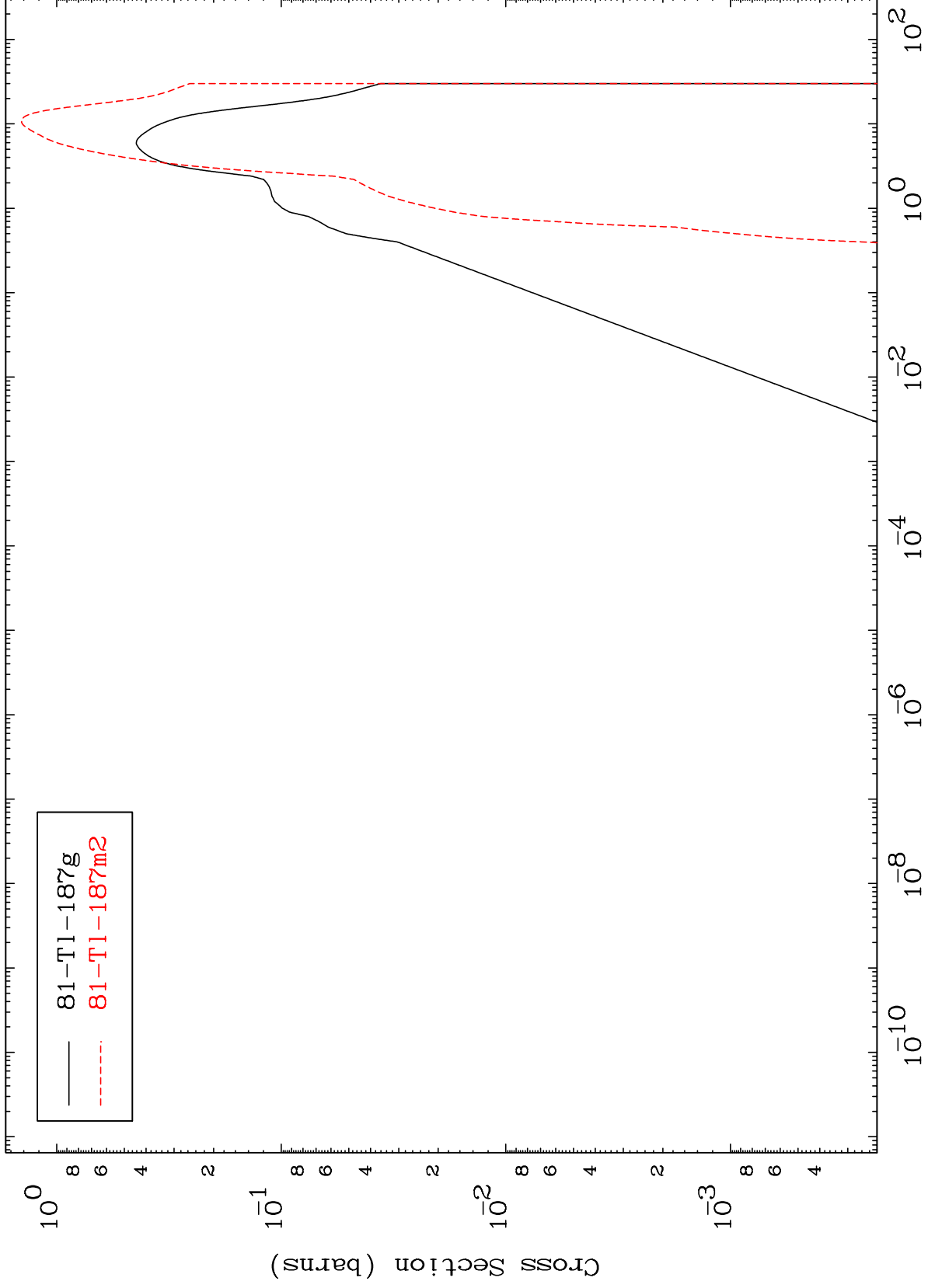
81-Tl-187



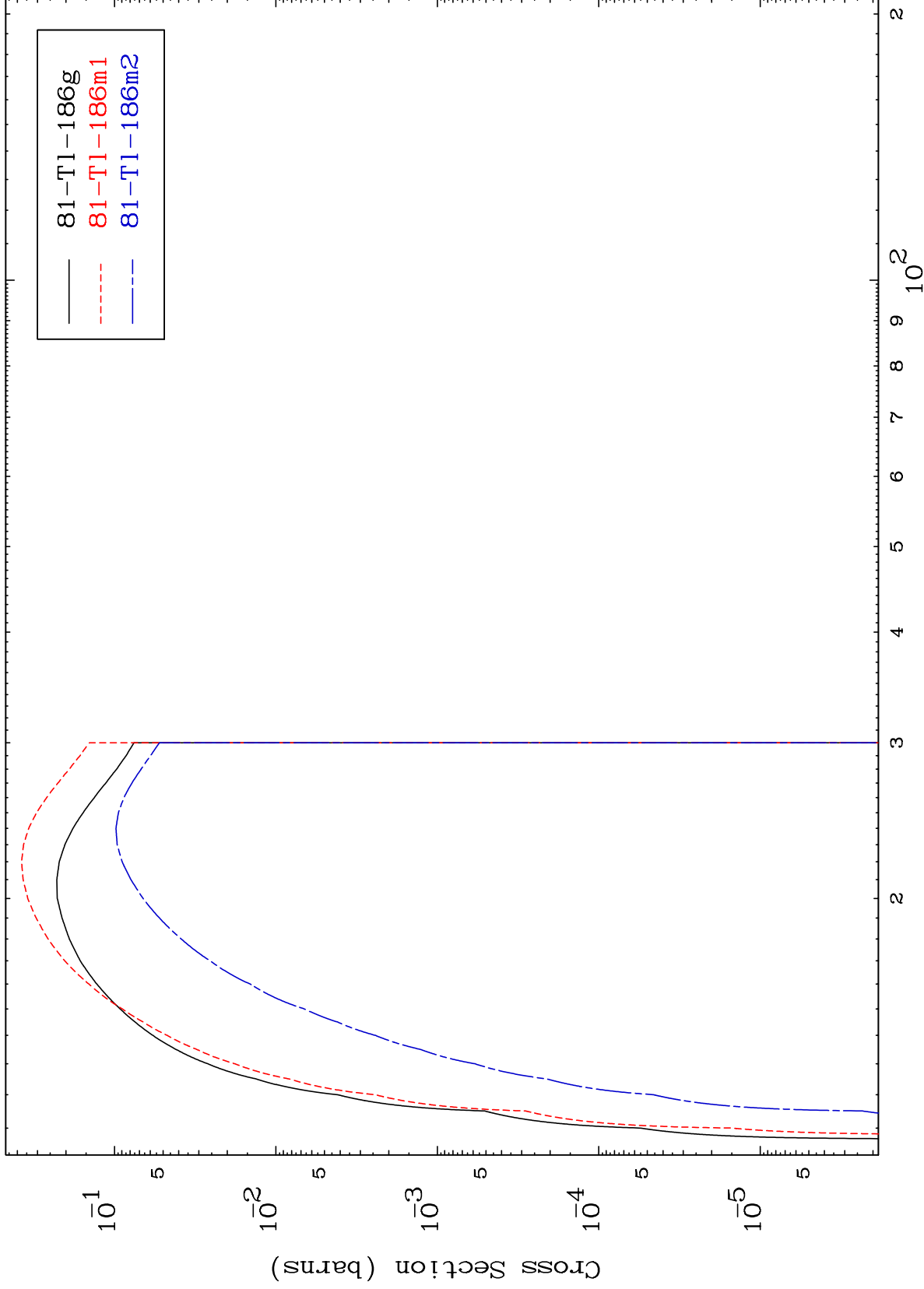
MAT 8077

Inelastic
Radionuclide Production Cross Section

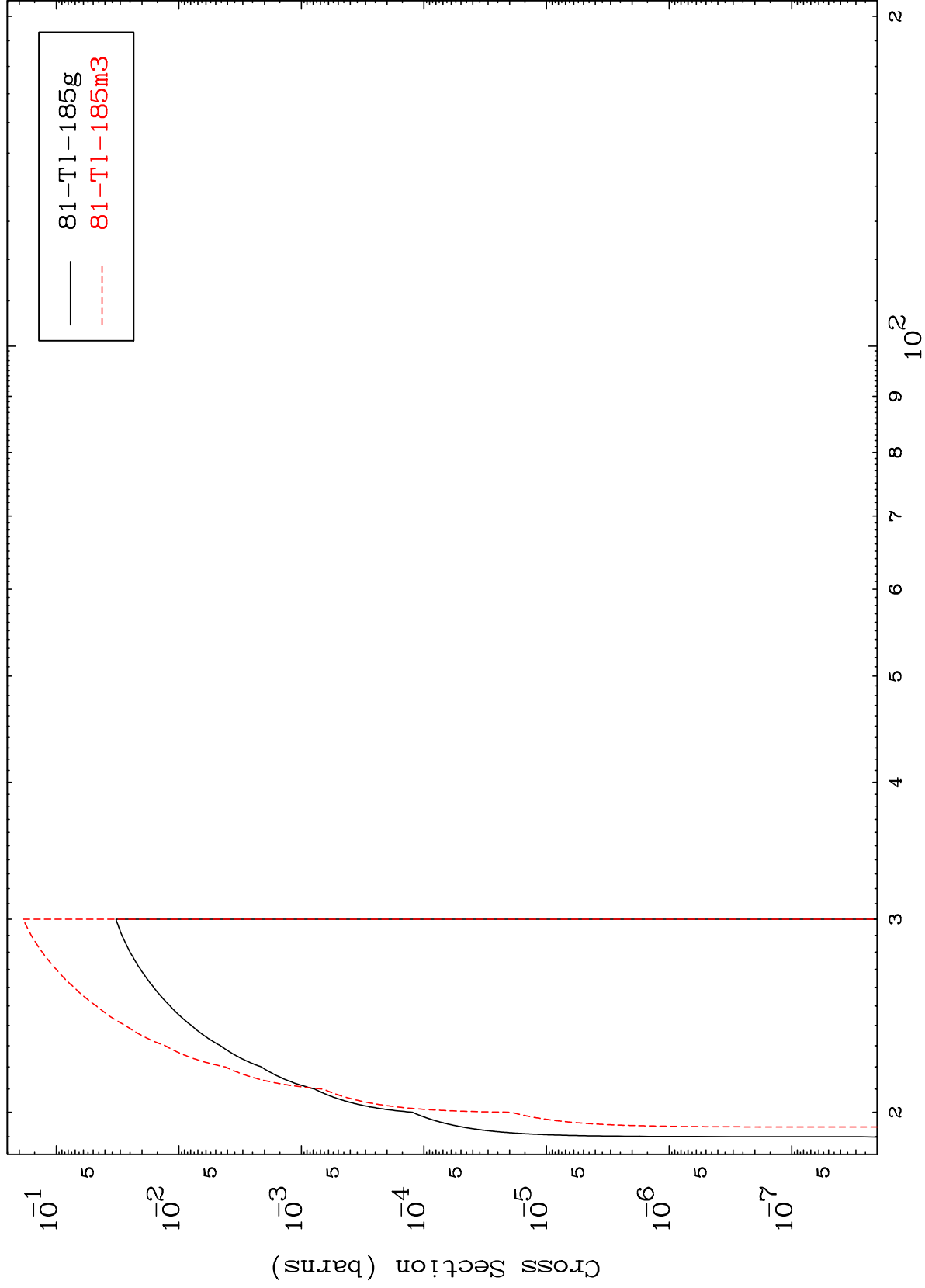
81-Tl-187



Radionuclide Production Cross Section



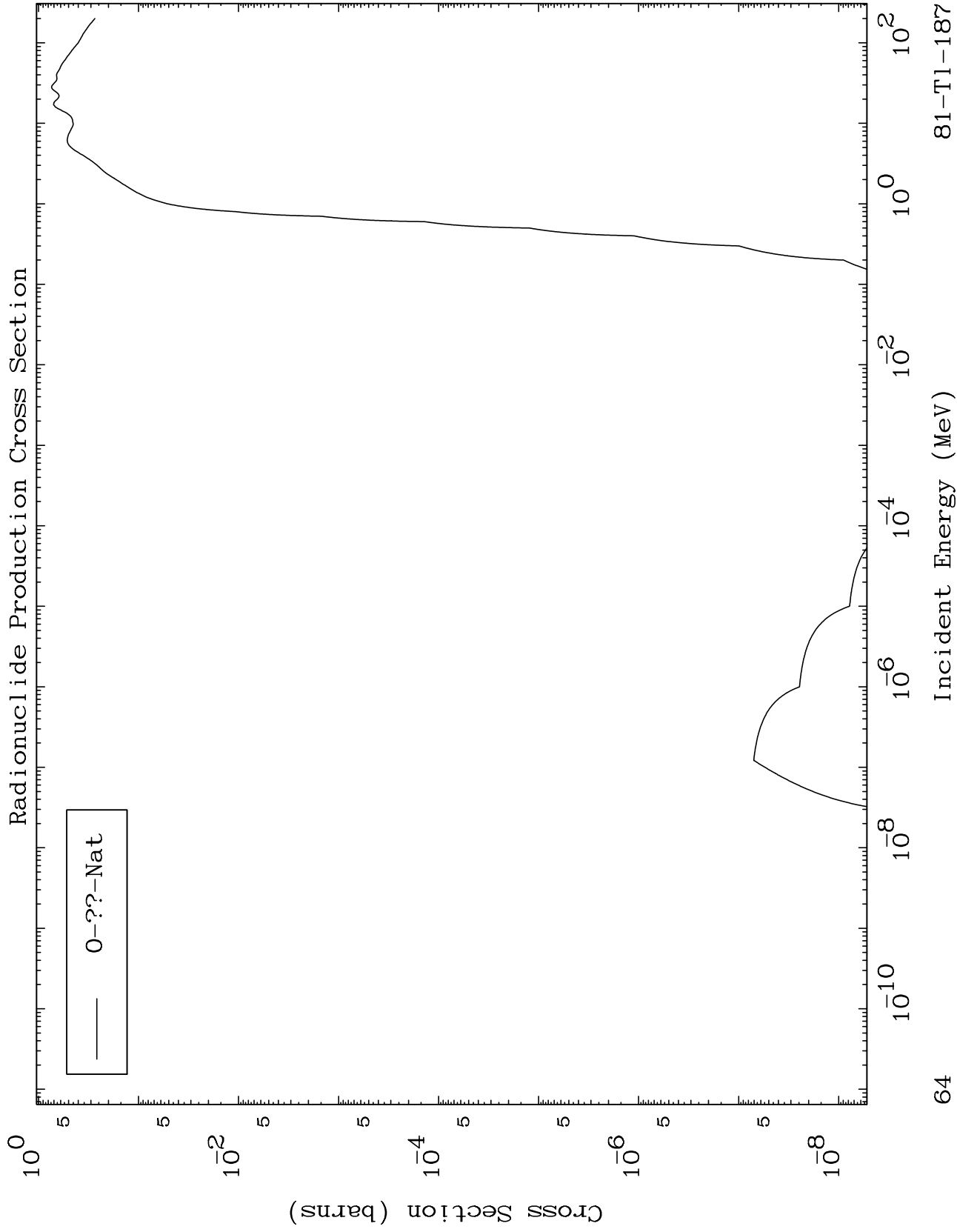
Radionuclide Production Cross Section



MAT 8077

Fission

81-Tl-187

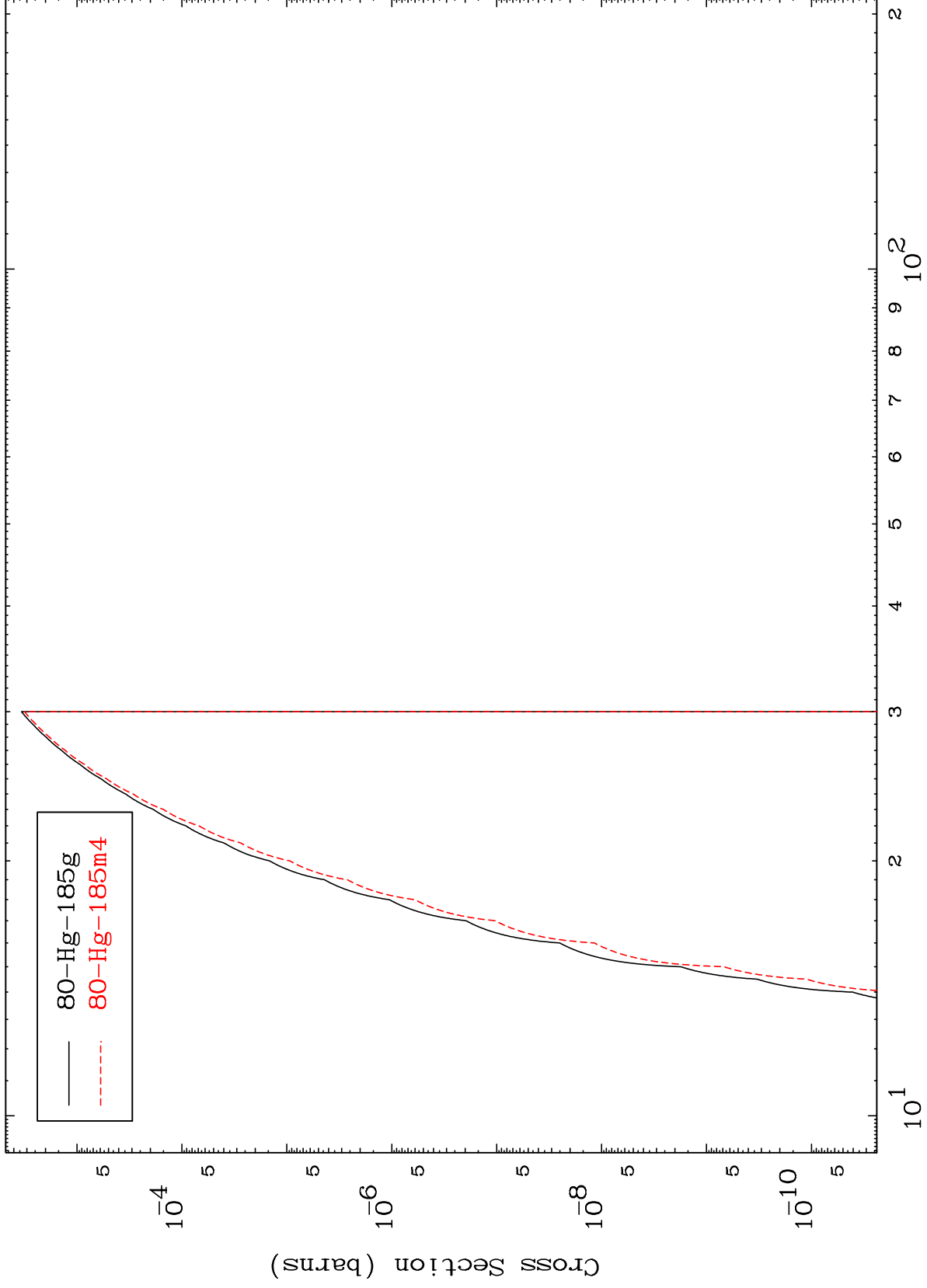


MAT 8077

(n,n') d

81-Tl-187

Radionuclide Production Cross Section



65

Incident Energy (MeV)

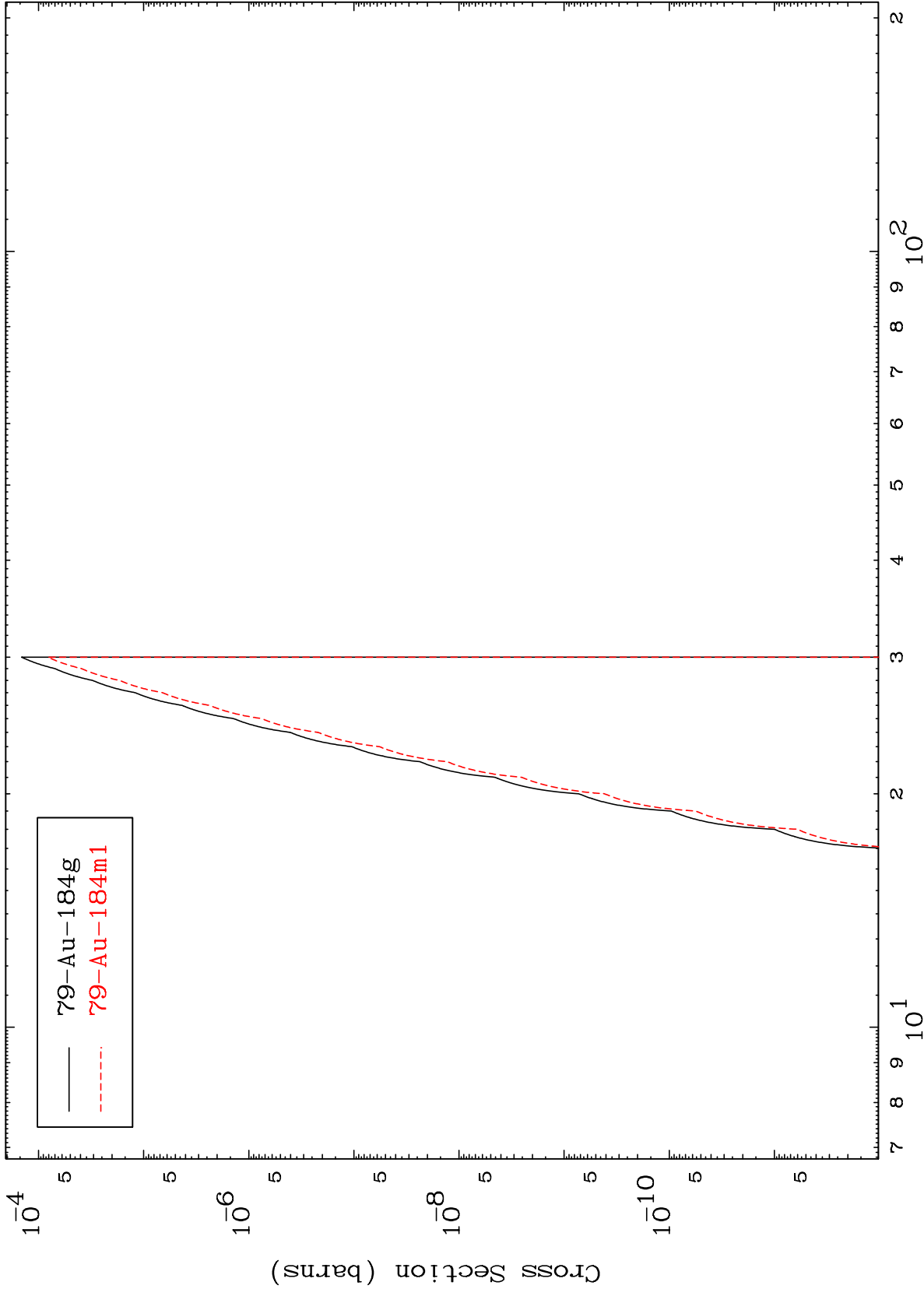
81-Tl-187

MAT 8077

(n,n') He-3

81-Tl-187

Radionuclide Production Cross Section



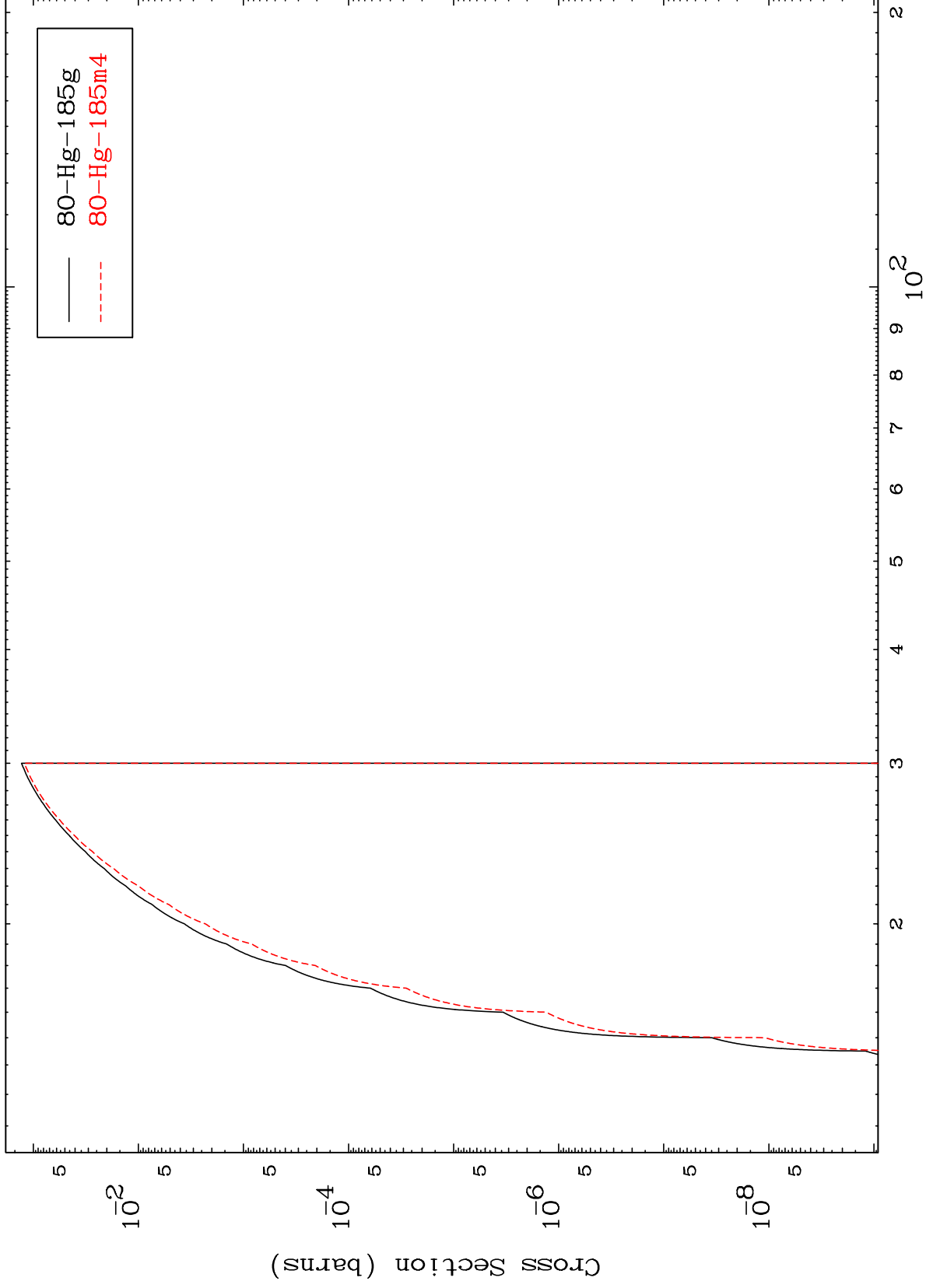
79-Au-184g
79-Au-184m1

66

Incident Energy (MeV)

81-Tl-187

Radionuclide Production Cross Section

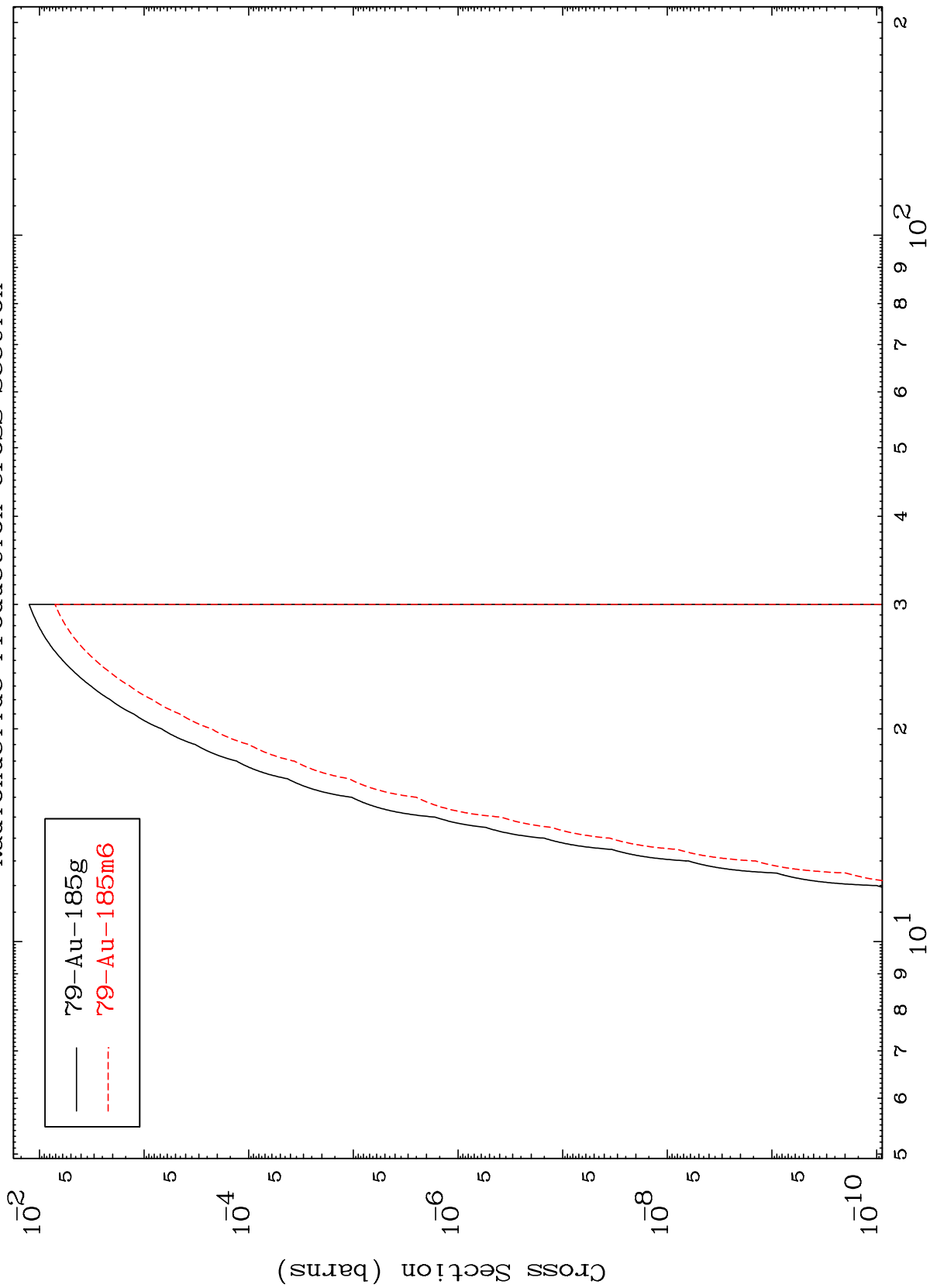


MAT 8077

(n,2n) p

81-Tl-187

Radionuclide Production Cross Section

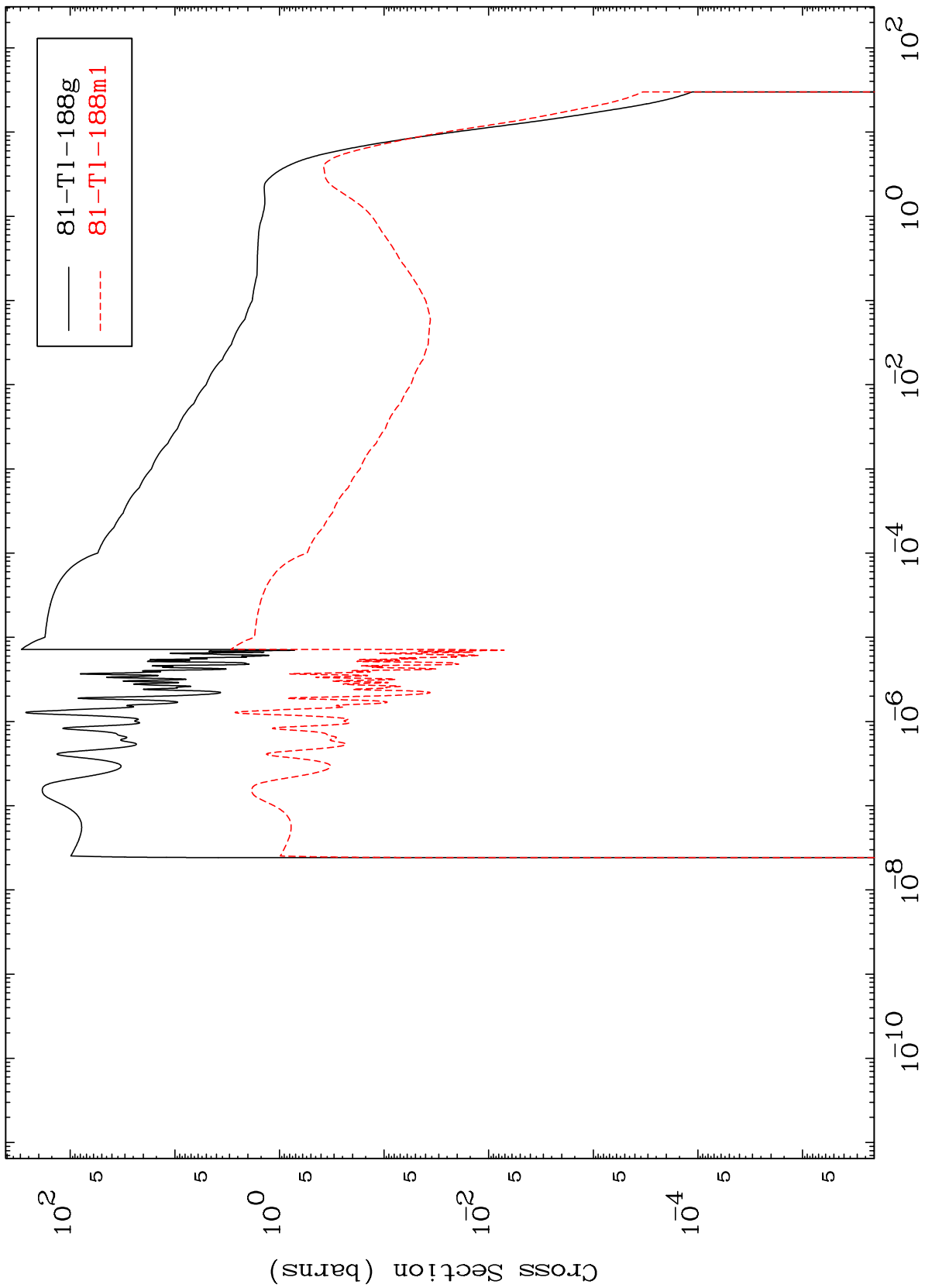


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Incident Energy (MeV)

81-Tl-187

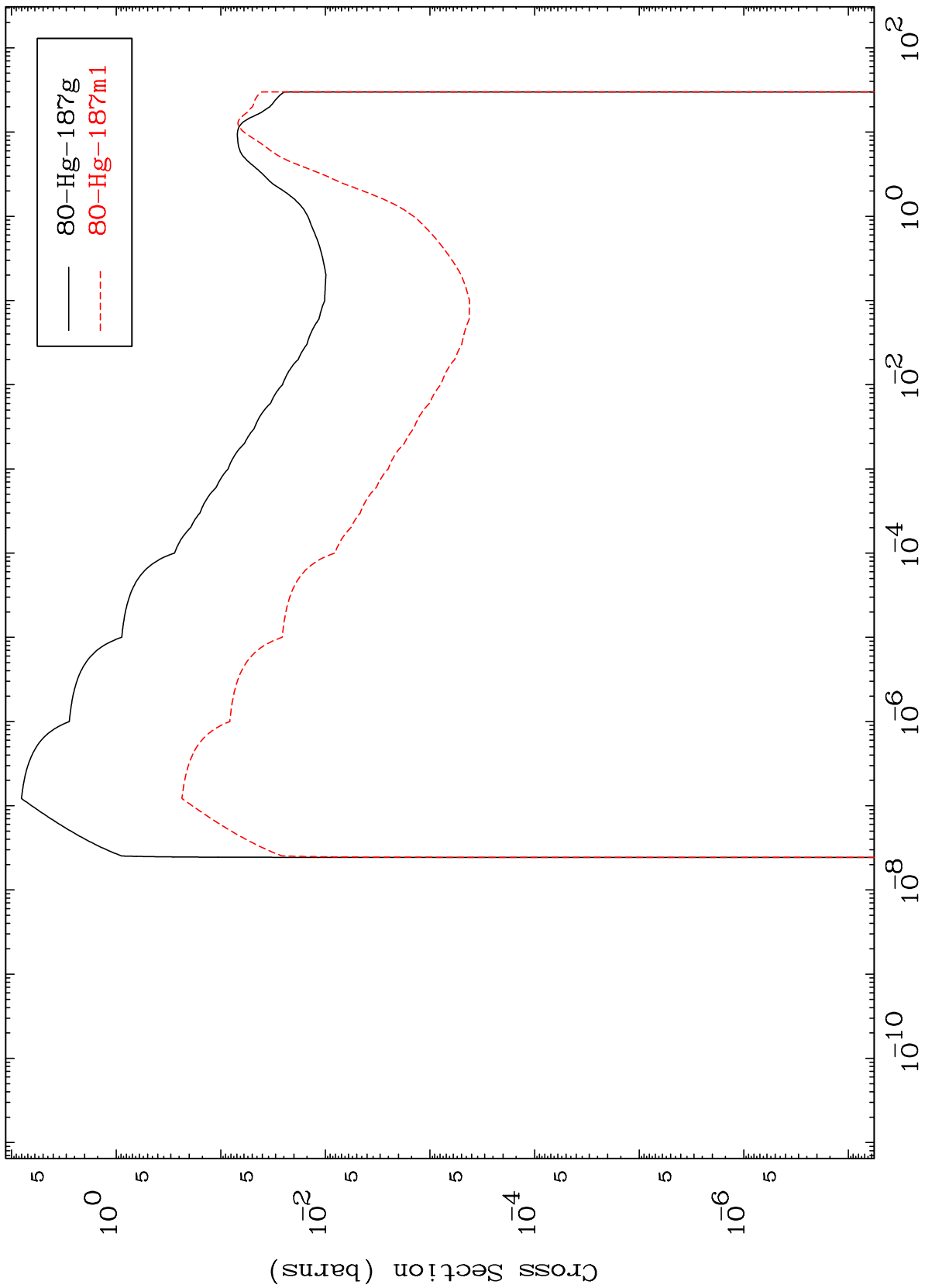
(n,γ)
Radionuclide Production Cross Section



MAT 80777

81-Tl-187

(n,p)
Radionuclide Production Cross Section



— 80-Hg-187g
- - - 80-Hg-187m1

70

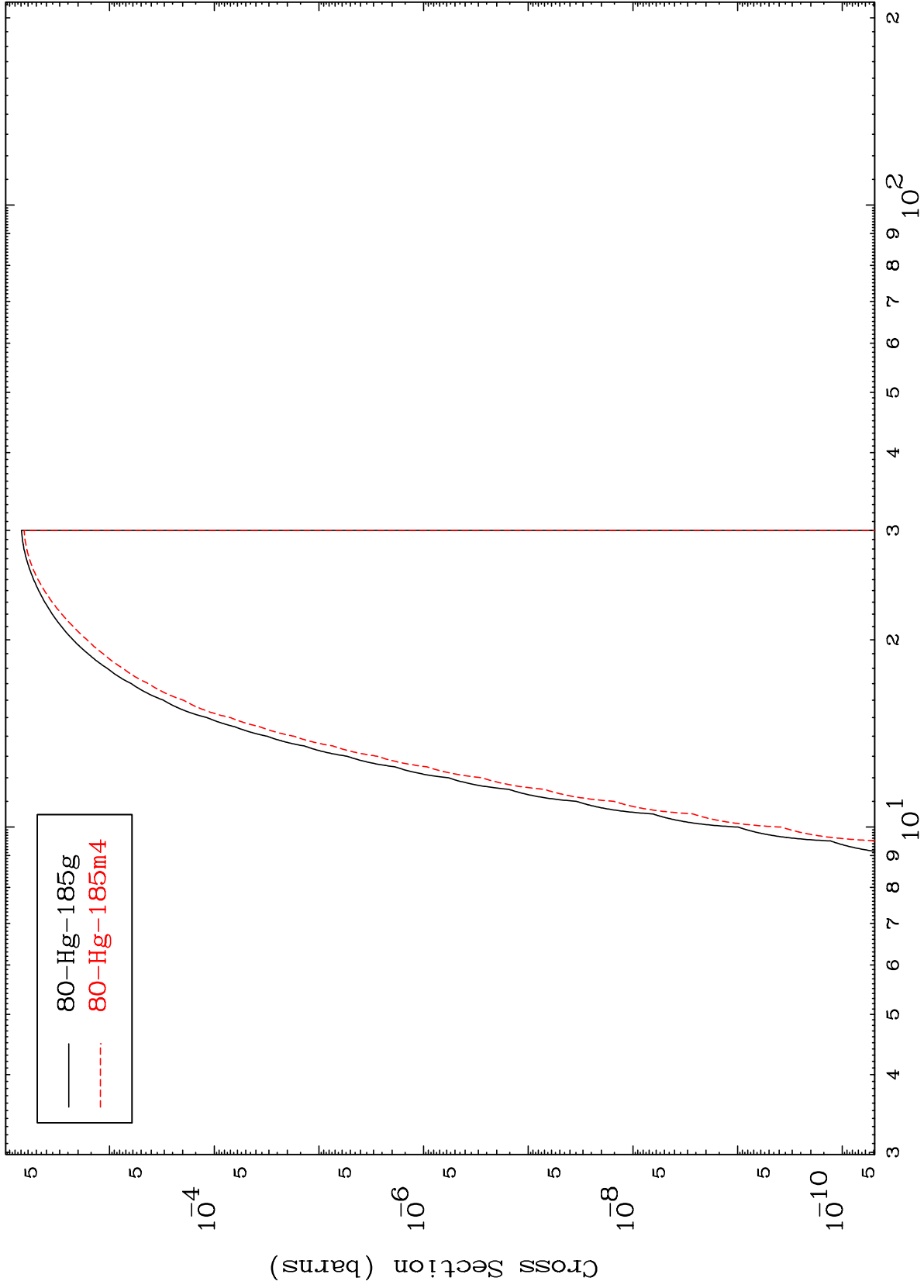
81-Tl-187

Incident Energy (MeV)

MAT 8077

81-Tl-187

(n, t)
Radionuclide Production Cross Section



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Incident Energy (MeV)

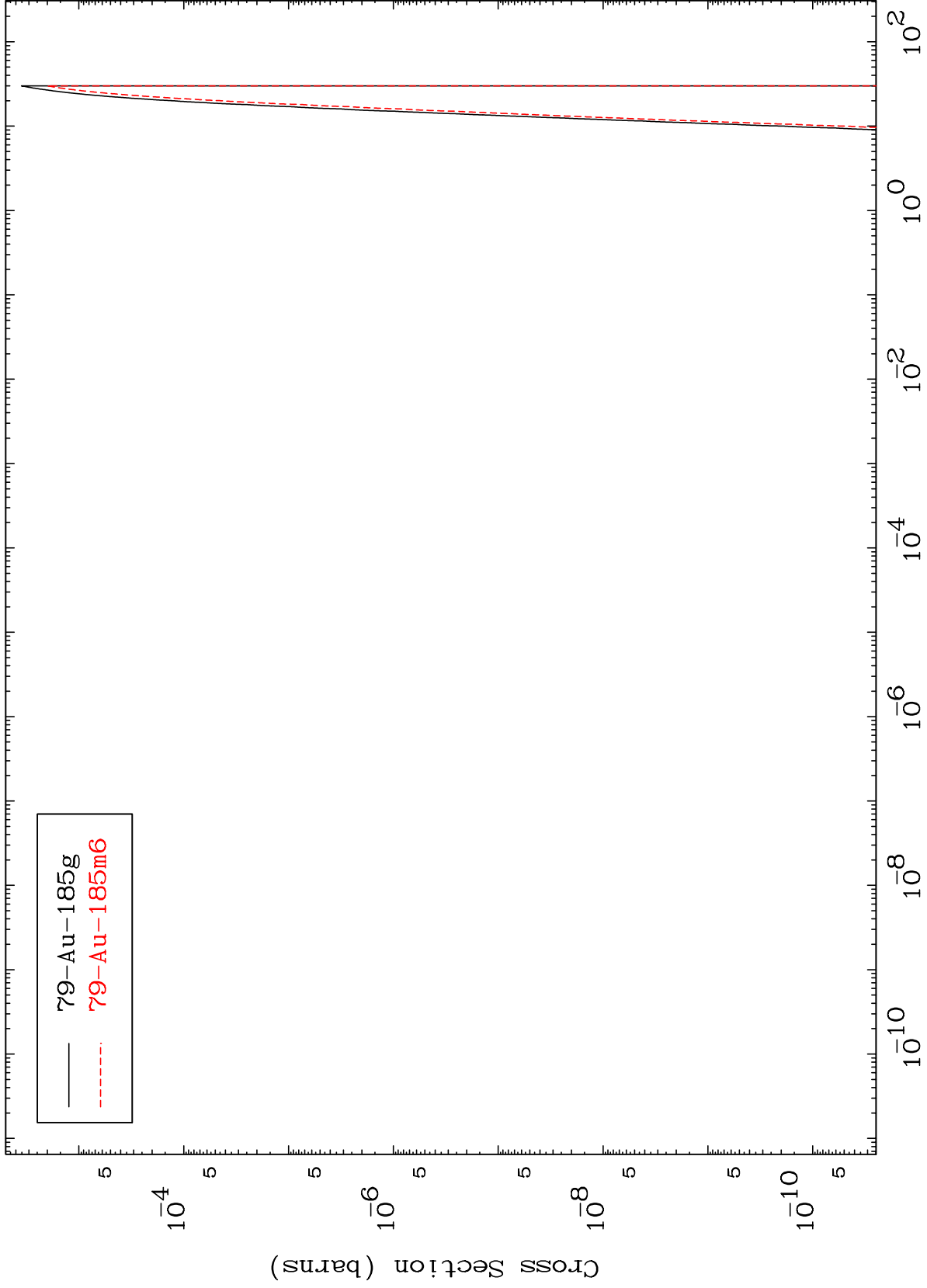
81-Tl-187

MAT 8077

(n,He-3)

81-Tl-187

Radionuclide Production Cross Section



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

72

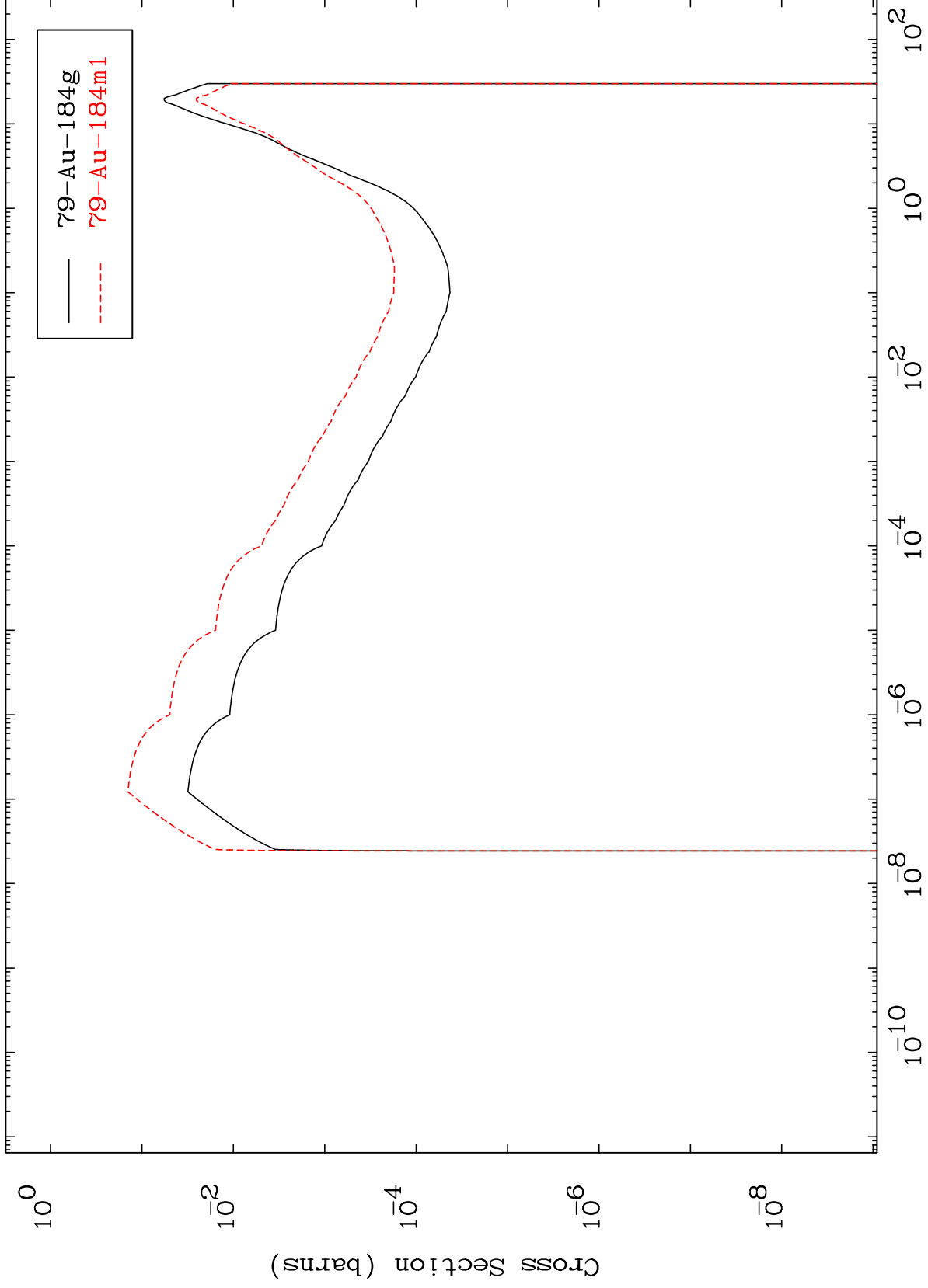
Incident Energy (MeV)

81-Tl-187

MAT 8077

81-Tl-187

(n,α)
Radionuclide Production Cross Section



81-Tl-187

Incident Energy (MeV)

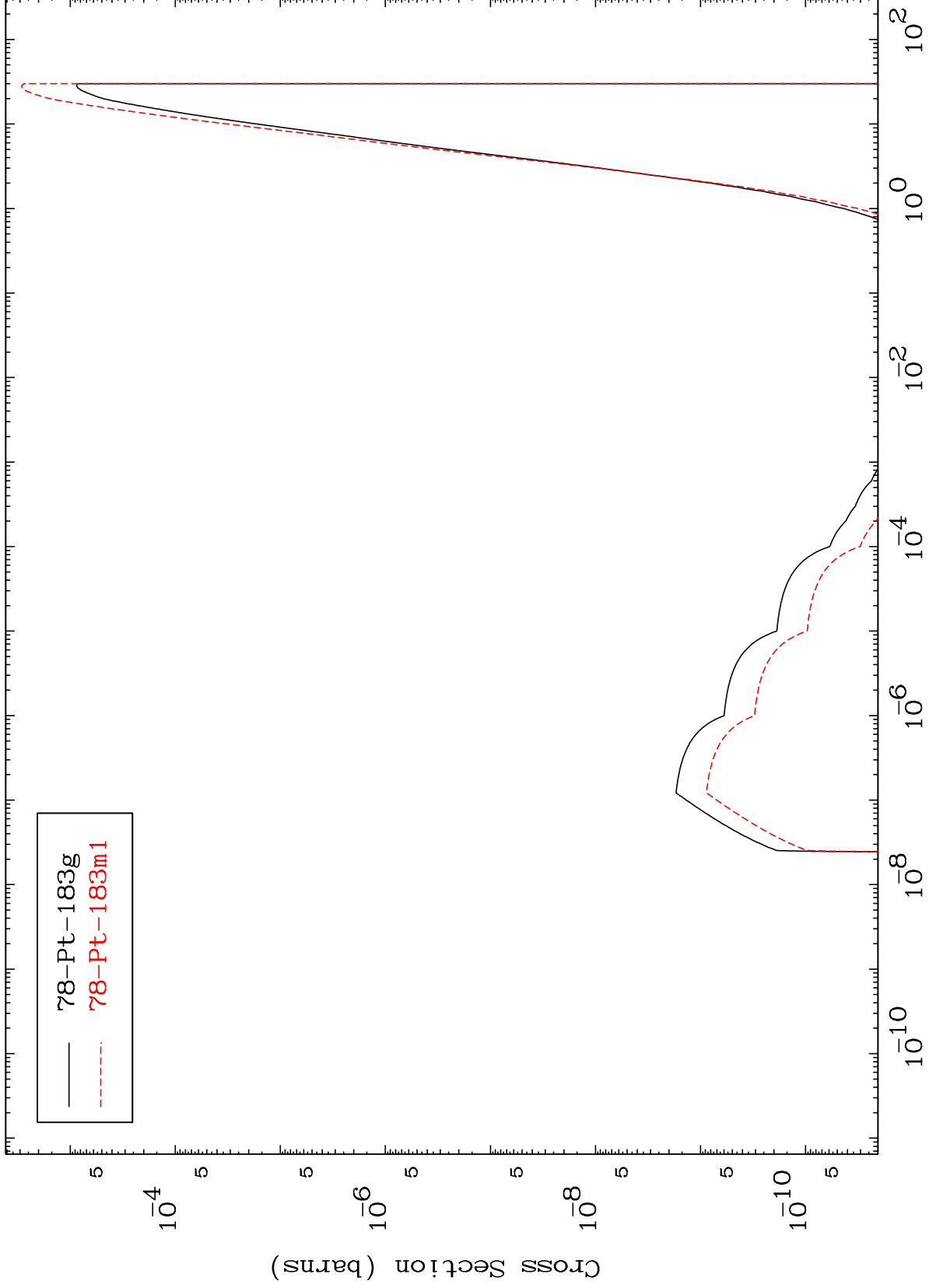
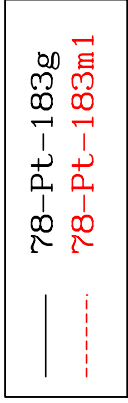
73

MAT 8077

(n,p) α

81-Tl-187

Radionuclide Production Cross Section



74

Incident Energy (MeV)

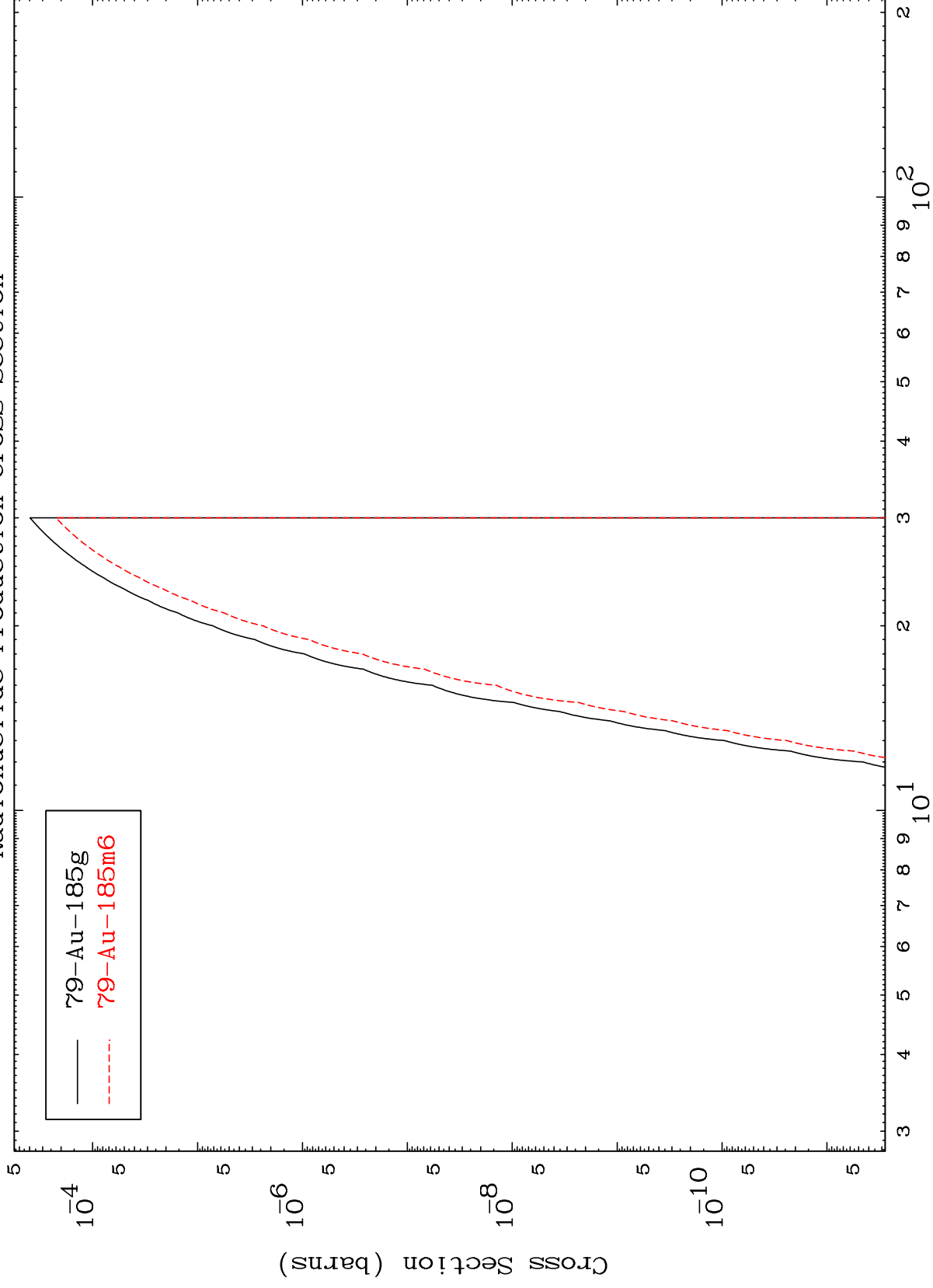
81-Tl-187

MAT 8077

(n,p) d

81-Tl-187

Radionuclide Production Cross Section



75

Incident Energy (MeV)

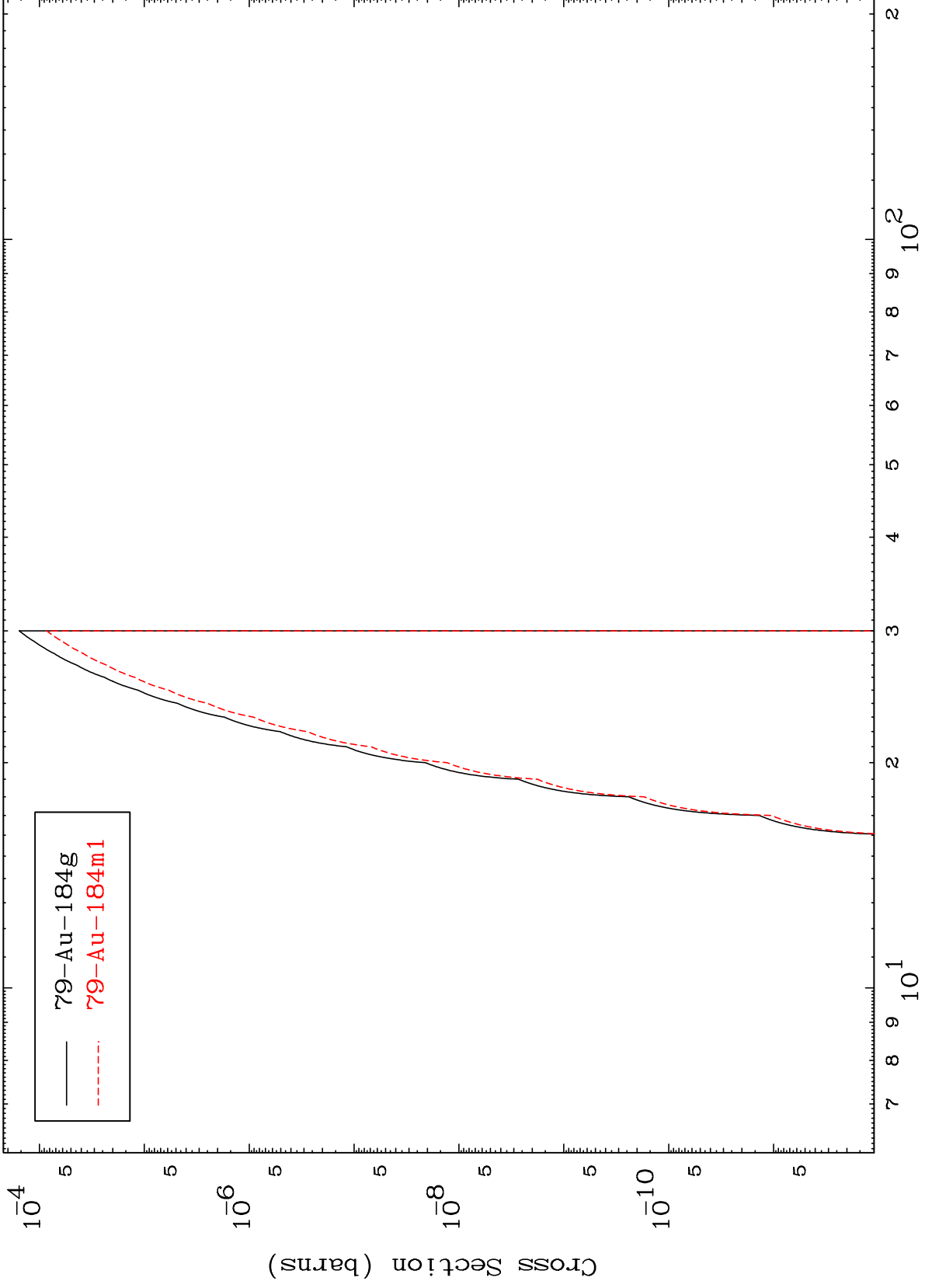
81-Tl-187

MAT 8077

(n,p) t

81-Tl-187

Radionuclide Production Cross Section



76

Incident Energy (MeV)

81-Tl-187