

Program EVALPLOT
(Version 2021-1)

by

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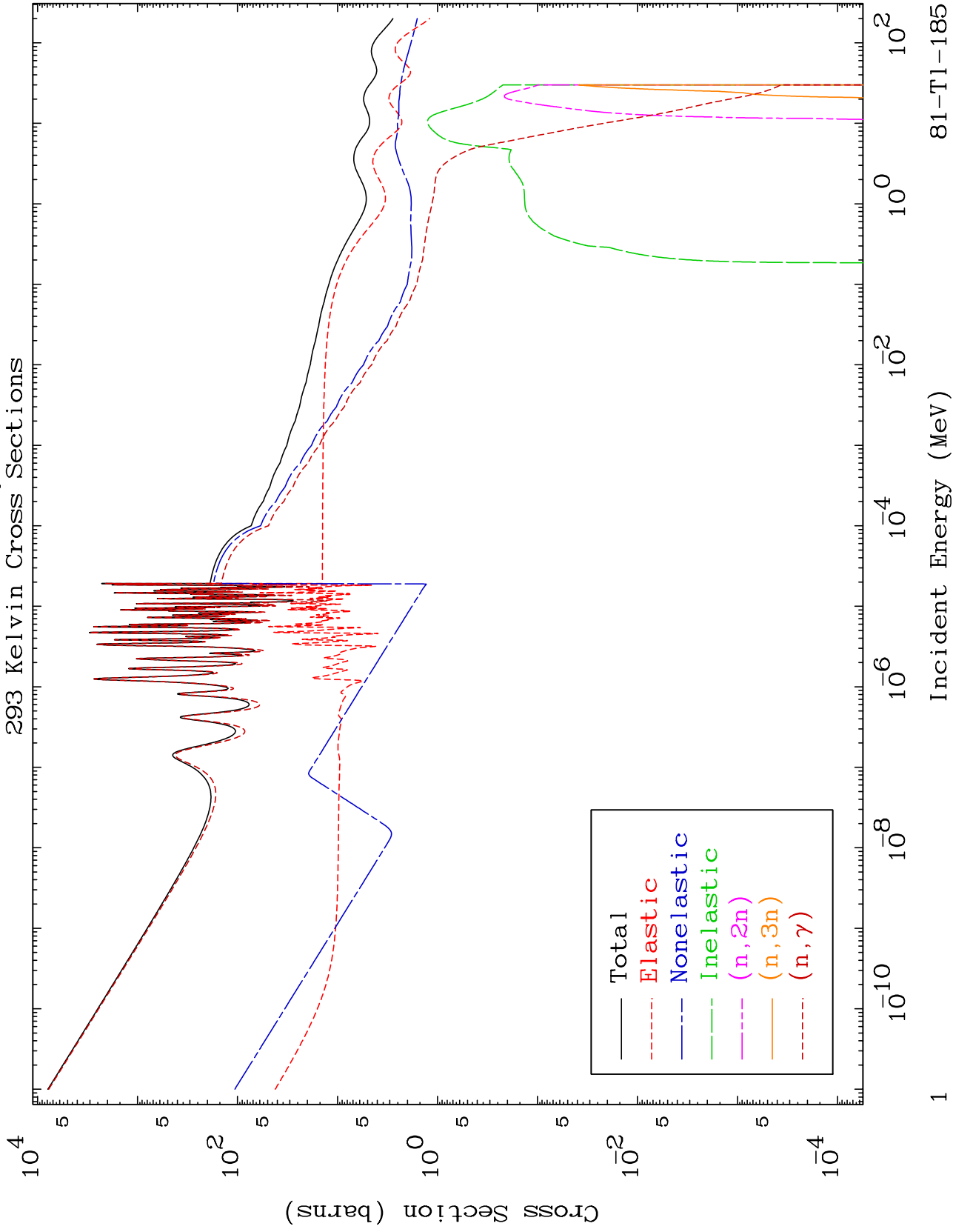
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8071

Neutron Major
293 Kelvin Cross Sections

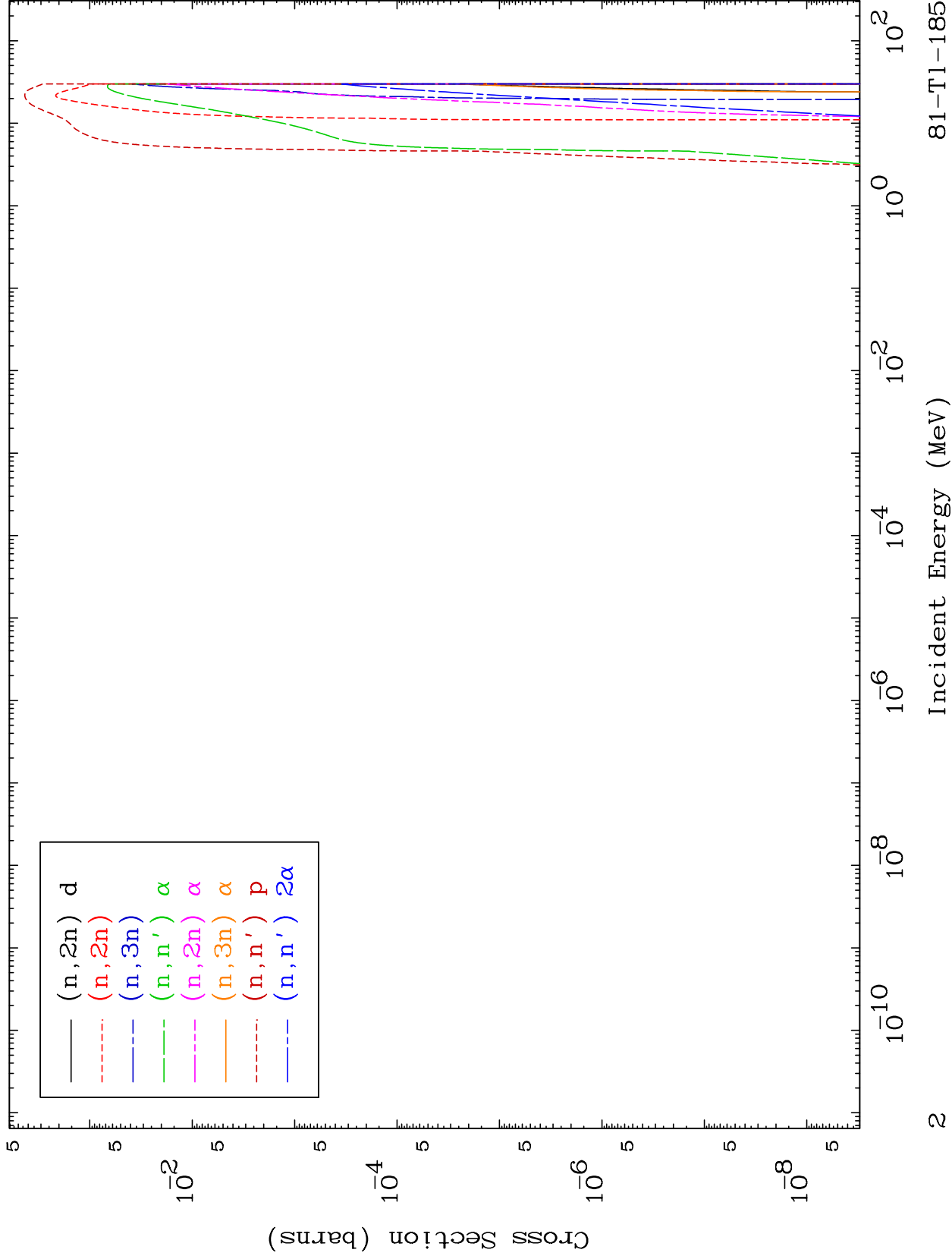
81-Tl-185



MAT 8071

Neutron Absorption
293 Kelvin Cross Sections

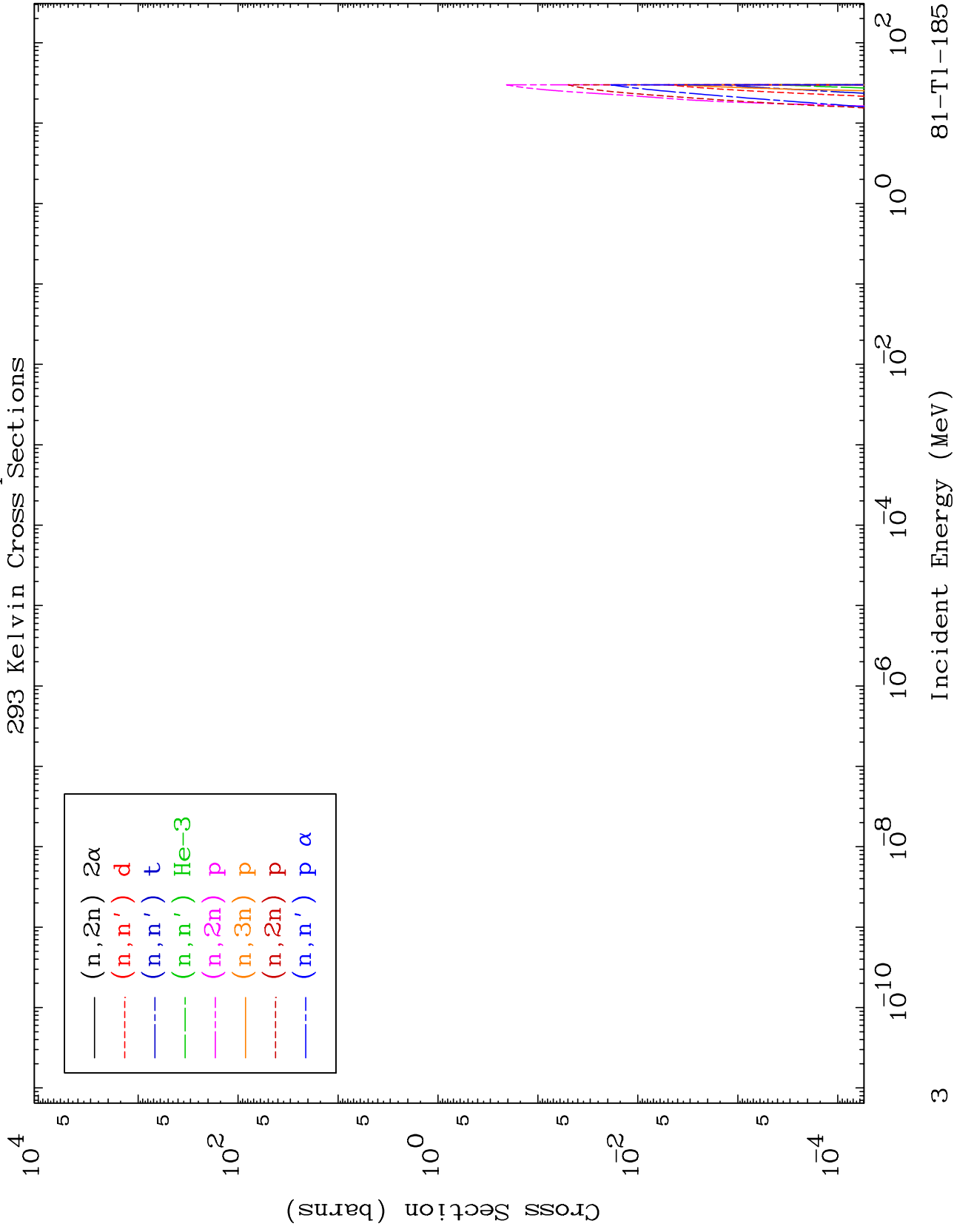
81-Tl-185



MAT 8071

Neutron Absorption
293 Kelvin Cross Sections

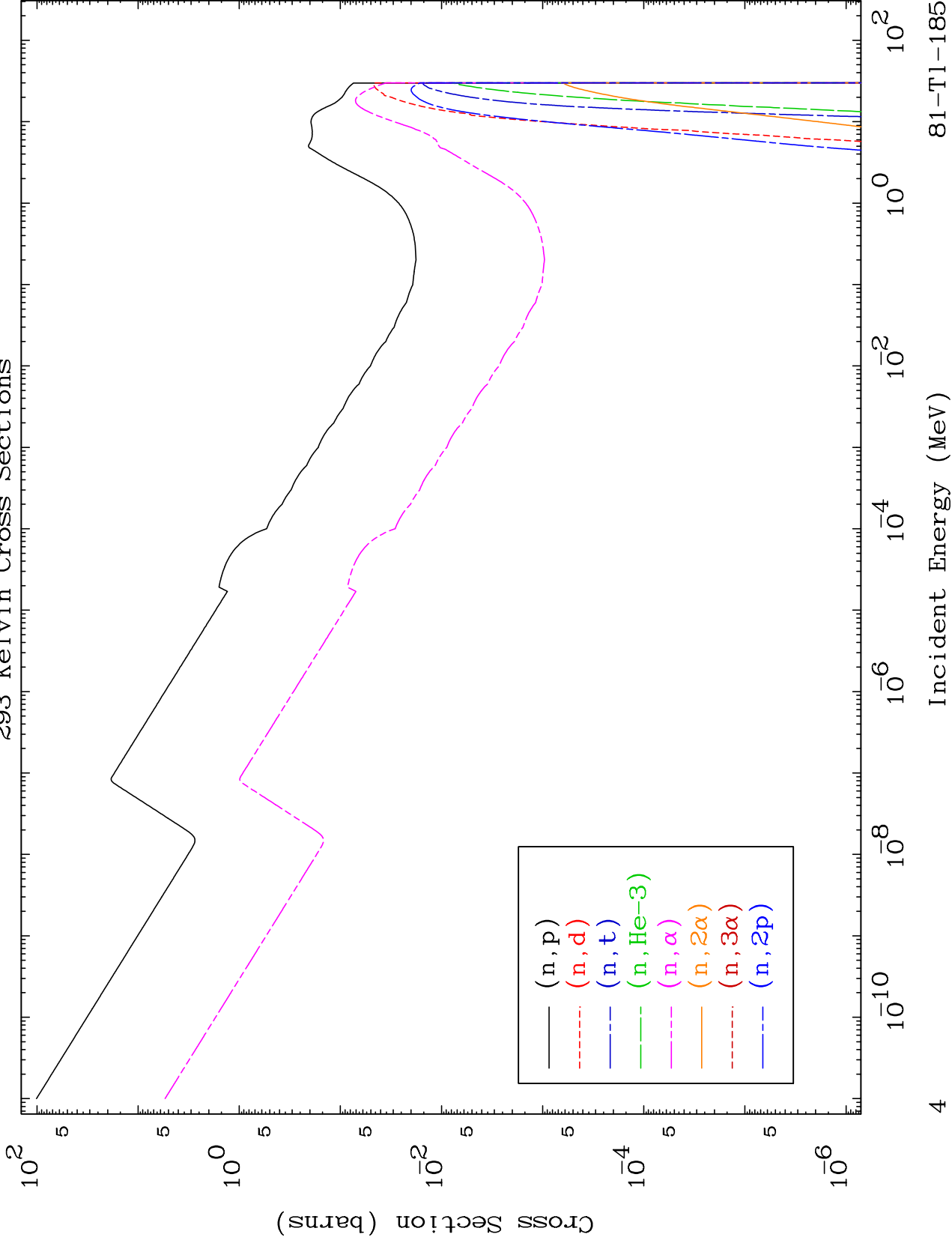
81-Tl-185



MAT 8071

Neutron Absorption
293 Kelvin Cross Sections

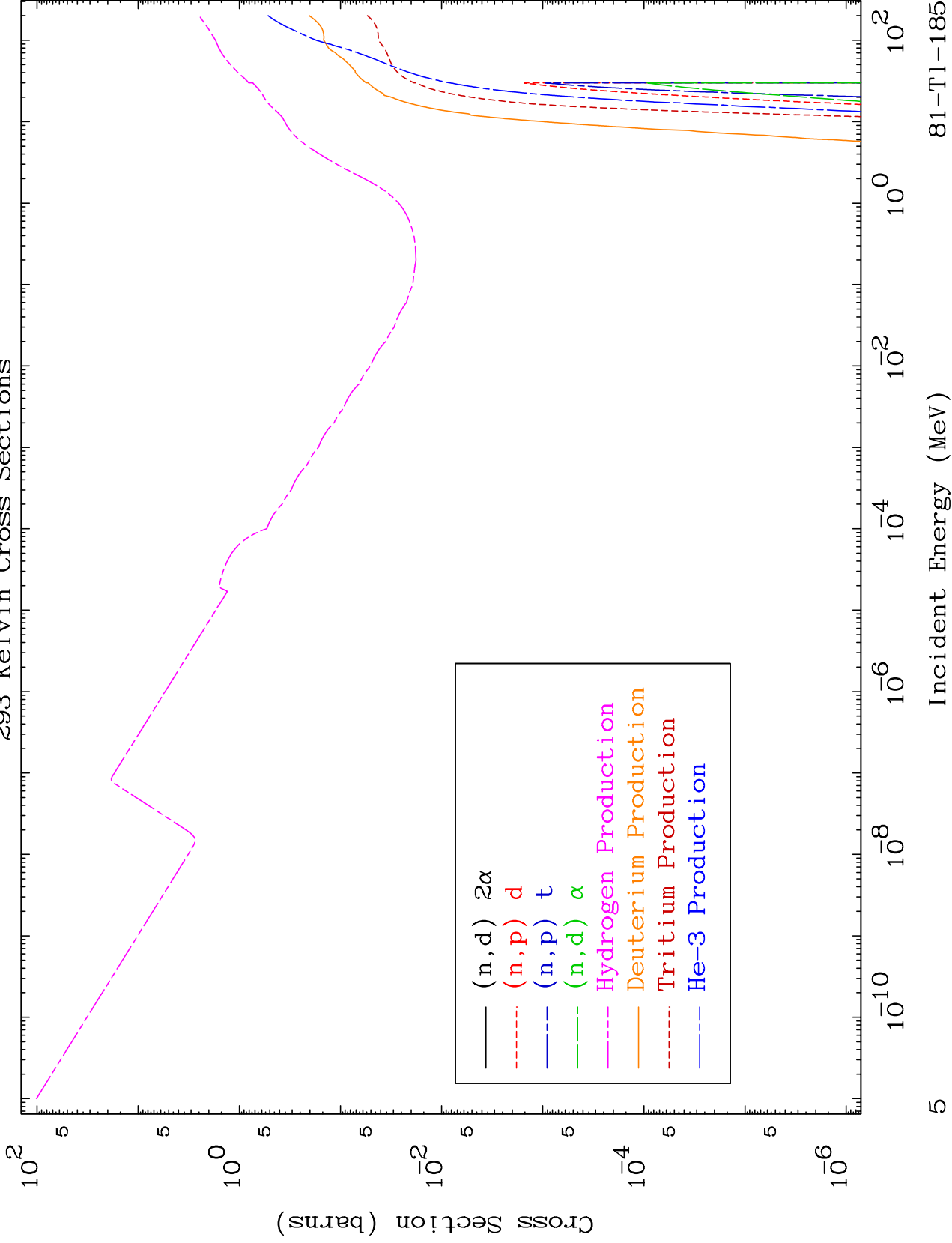
81-Tl-185



MAT 8071

Neutron Absorption
293 Kelvin Cross Sections

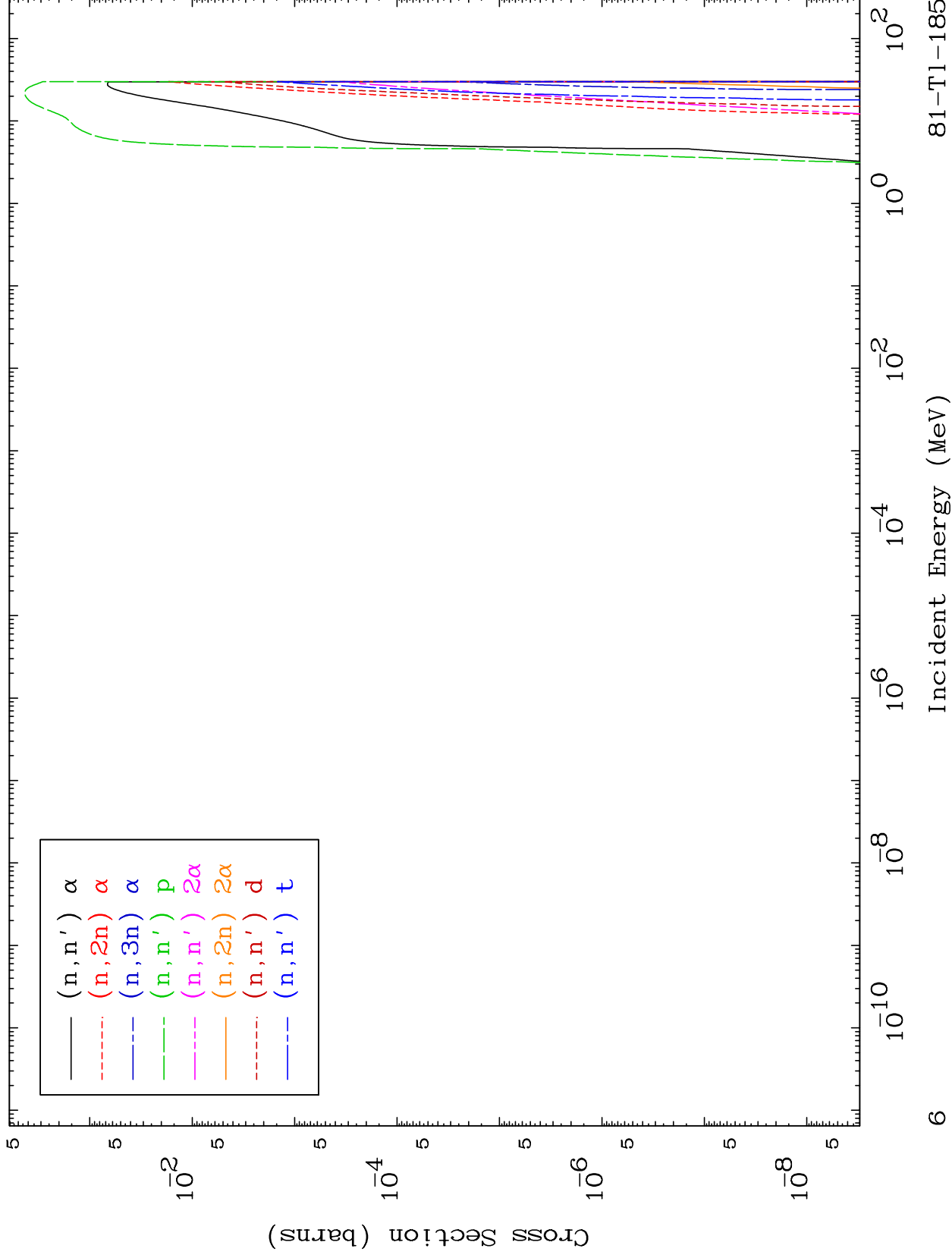
81-Tl-185

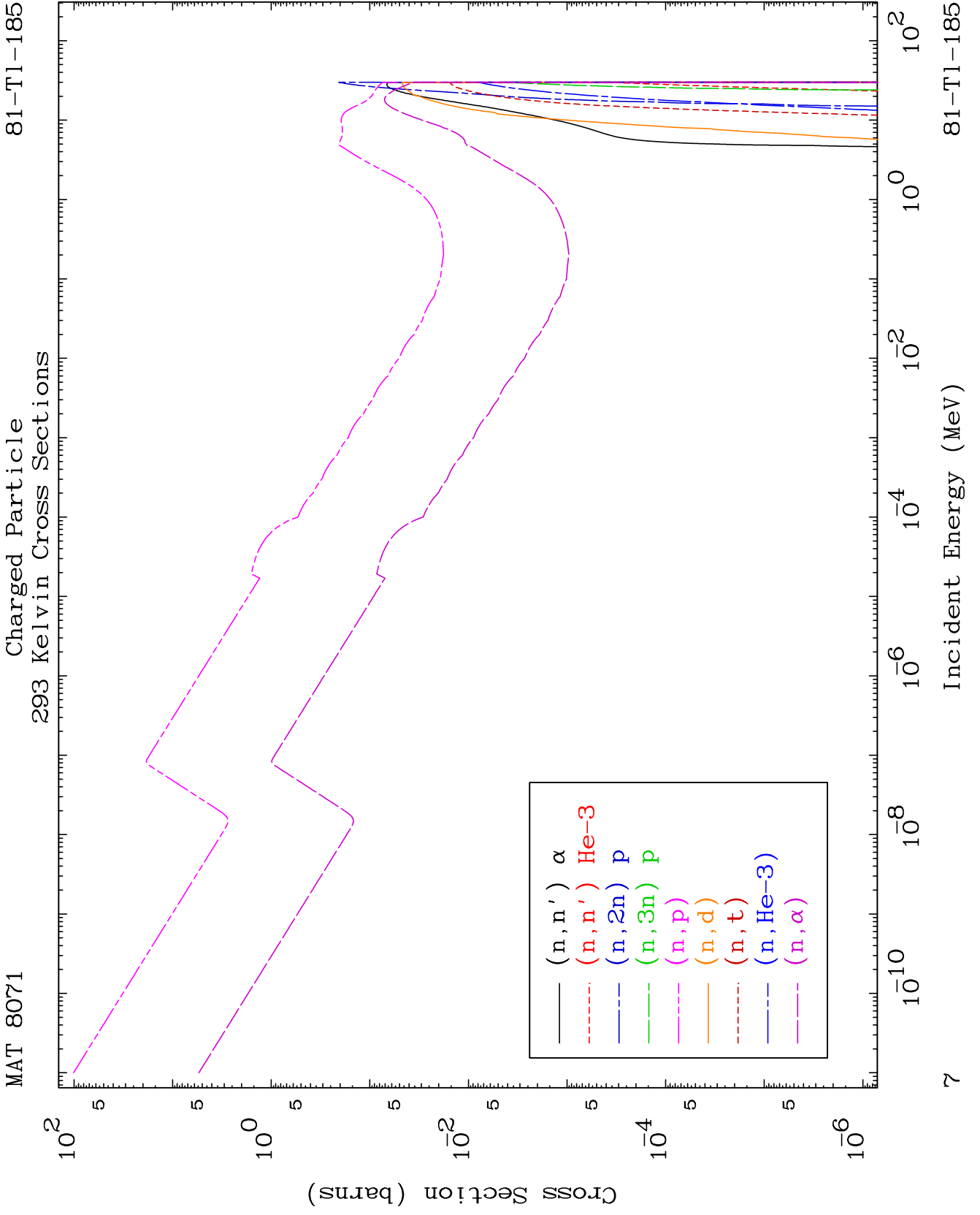


MAT 8071

Charged Particle
293 Kelvin Cross Sections

81-Tl-185

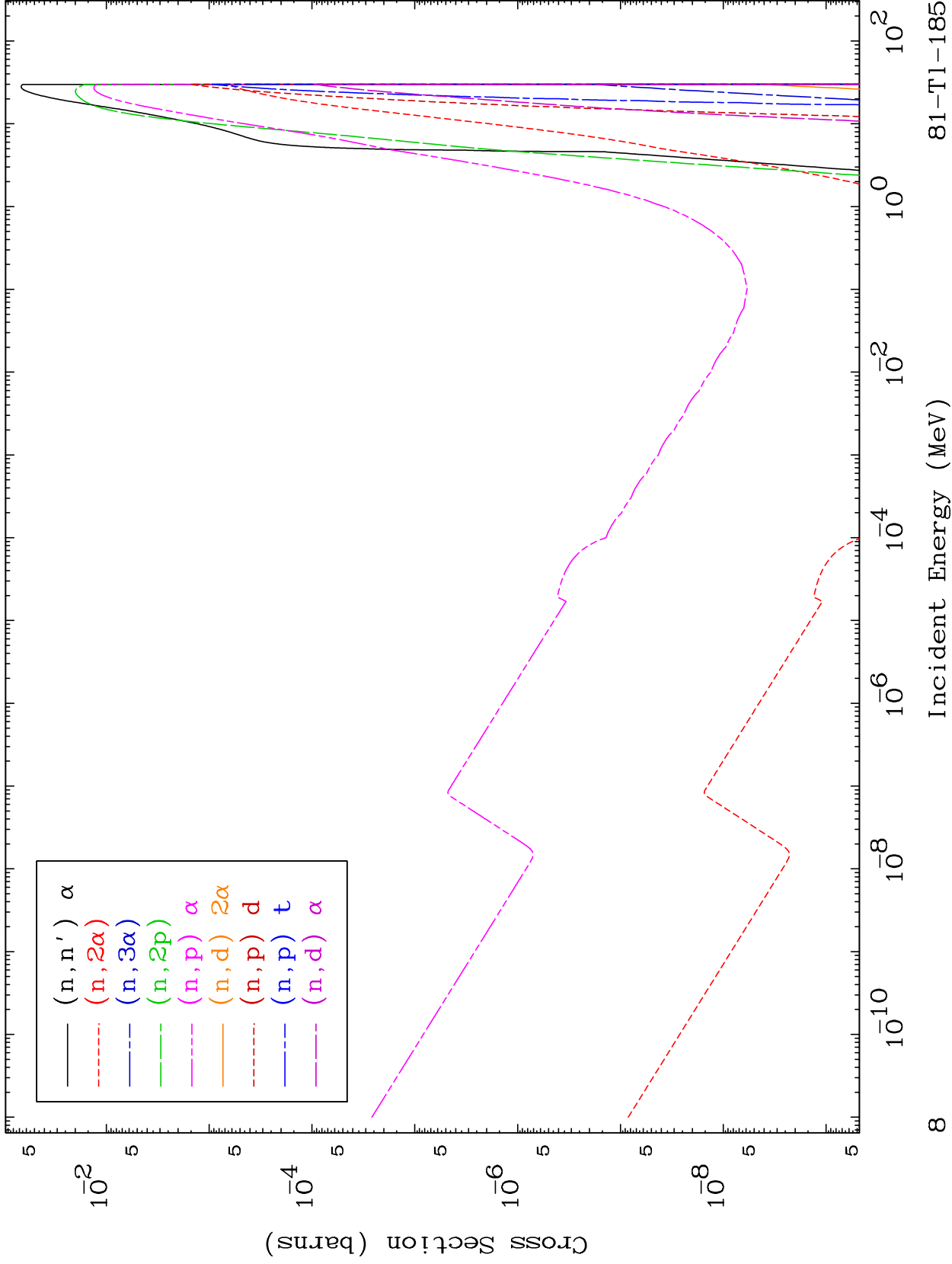




MAT 8071

Charged Particle
293 Kelvin Cross Sections

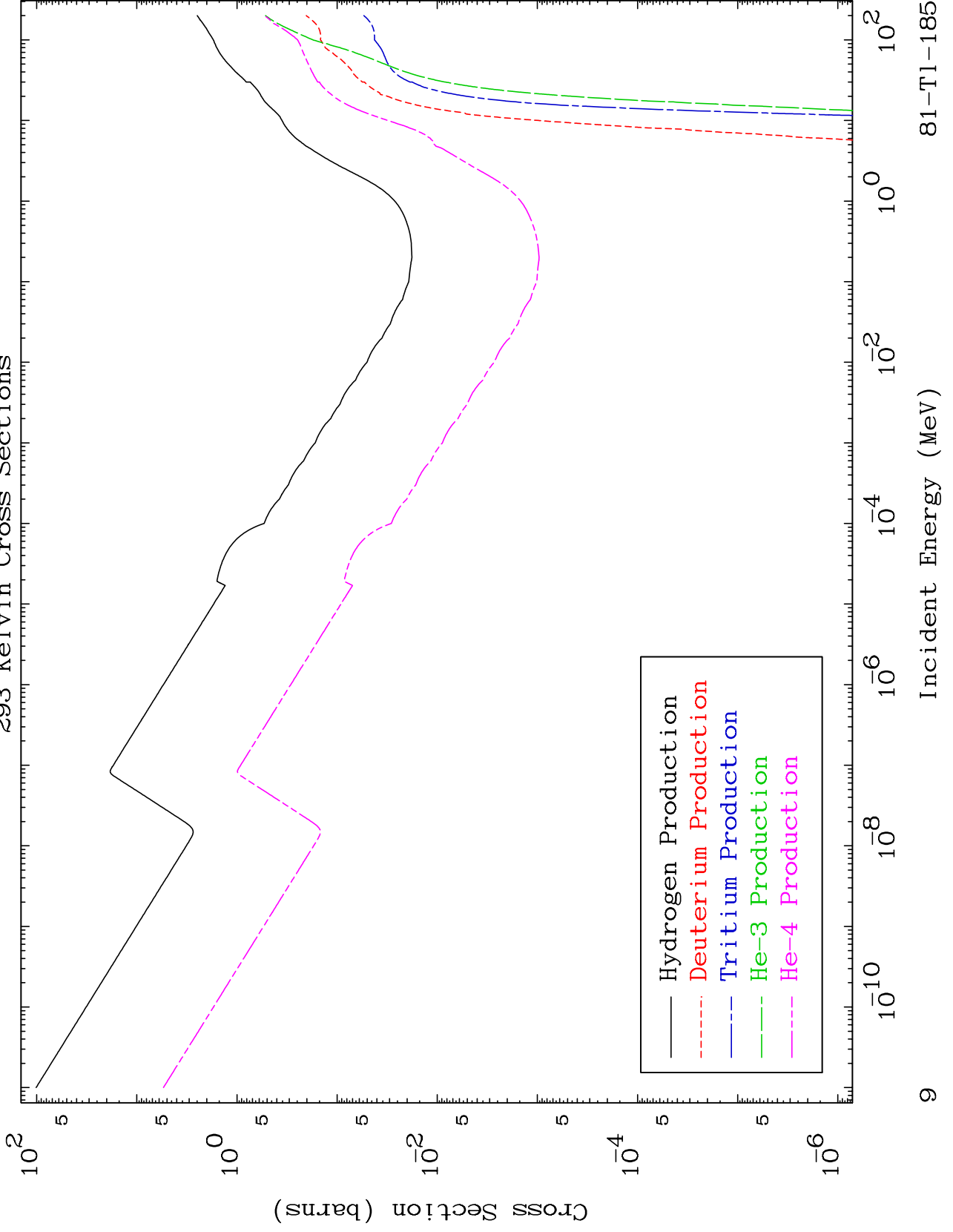
81-Tl-185



MAT 8071

Particle Production
293 Kelvin Cross Sections

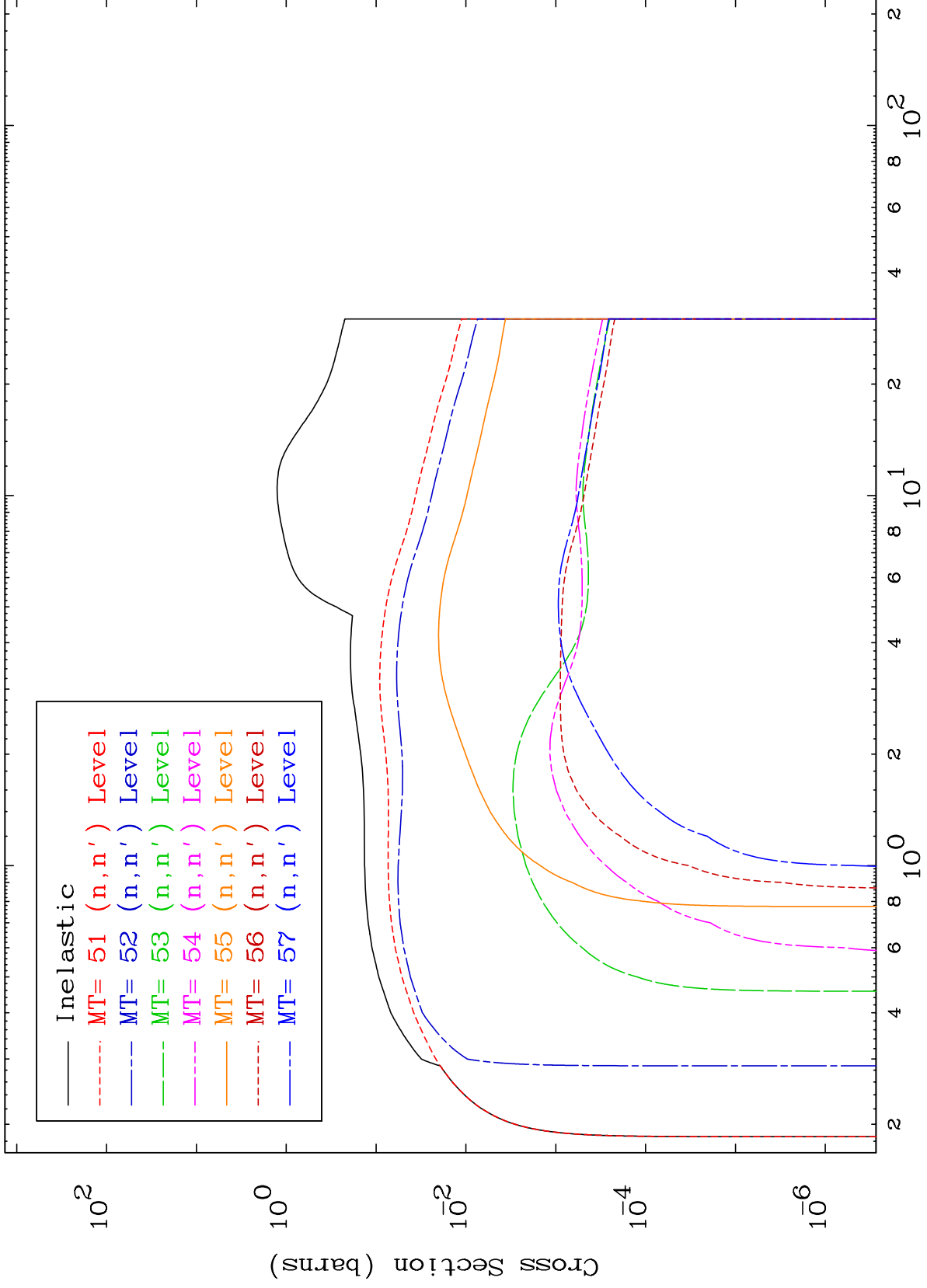
81-T1-185



MAT 8071

(n,n') Levels
293 Kelvin Cross Sections

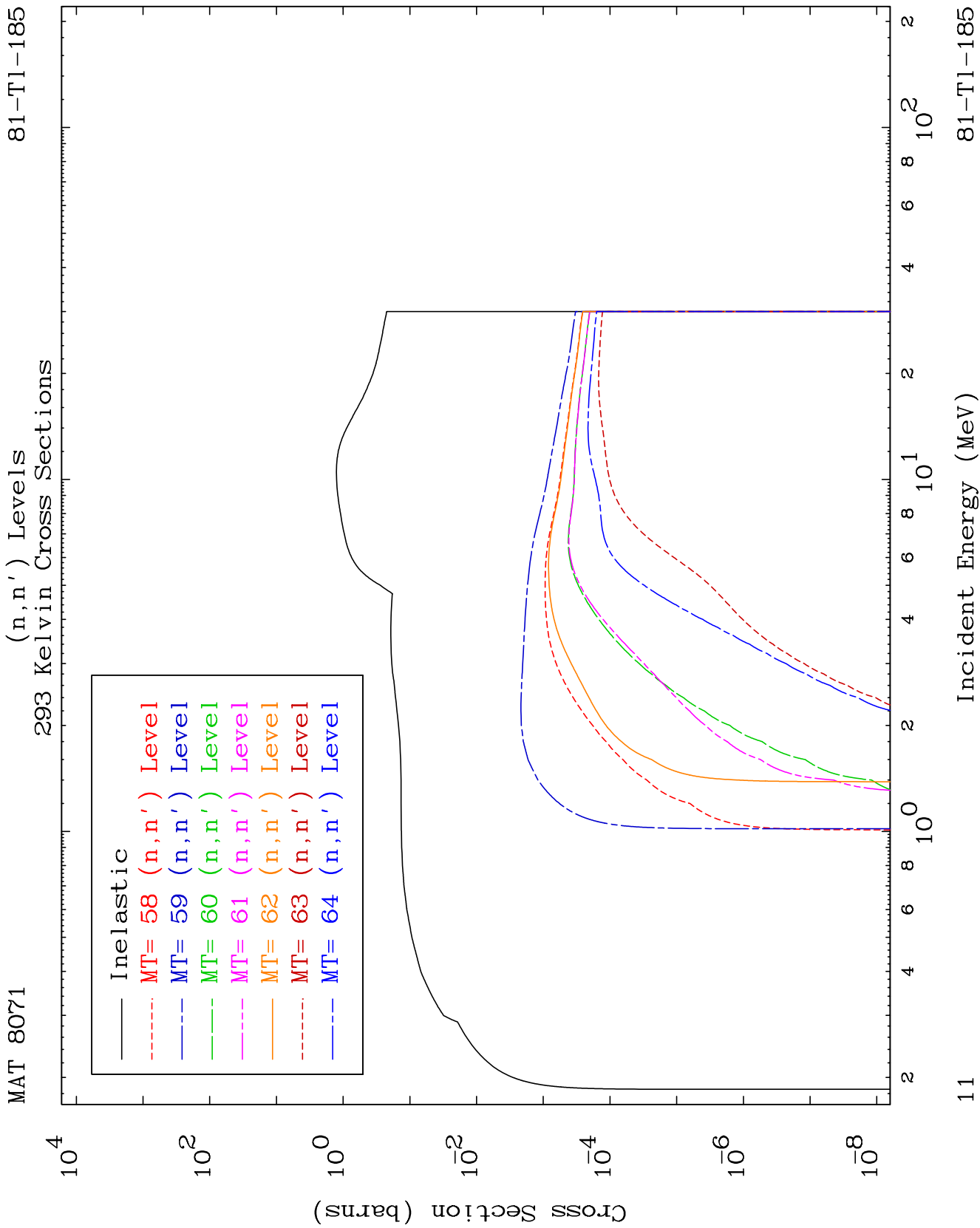
81-Tl-185



10

Incident Energy (MeV)

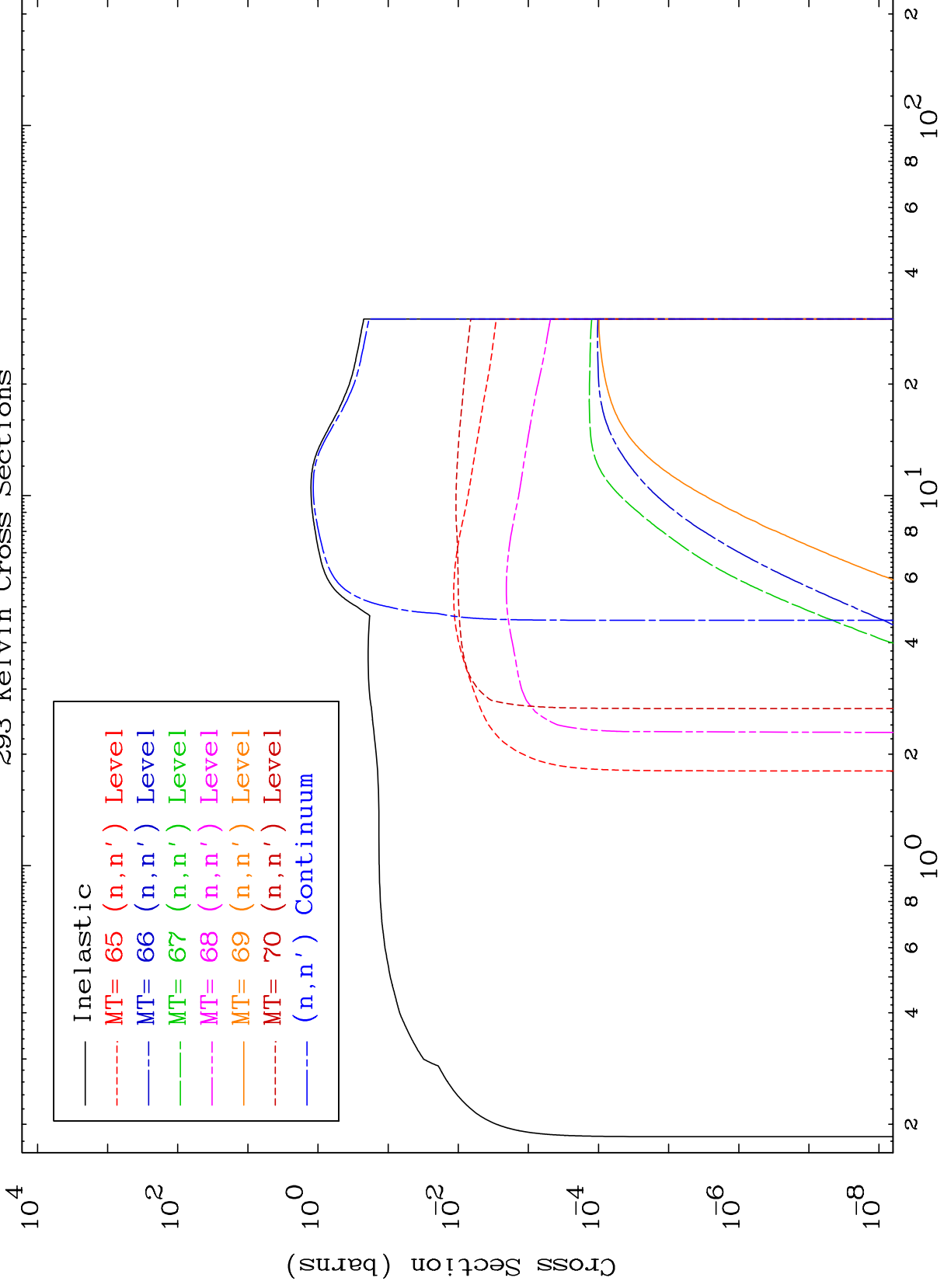
81-Tl-185



MAT 8071

(n,n') Levels
293 Kelvin Cross Sections

81-Tl-185



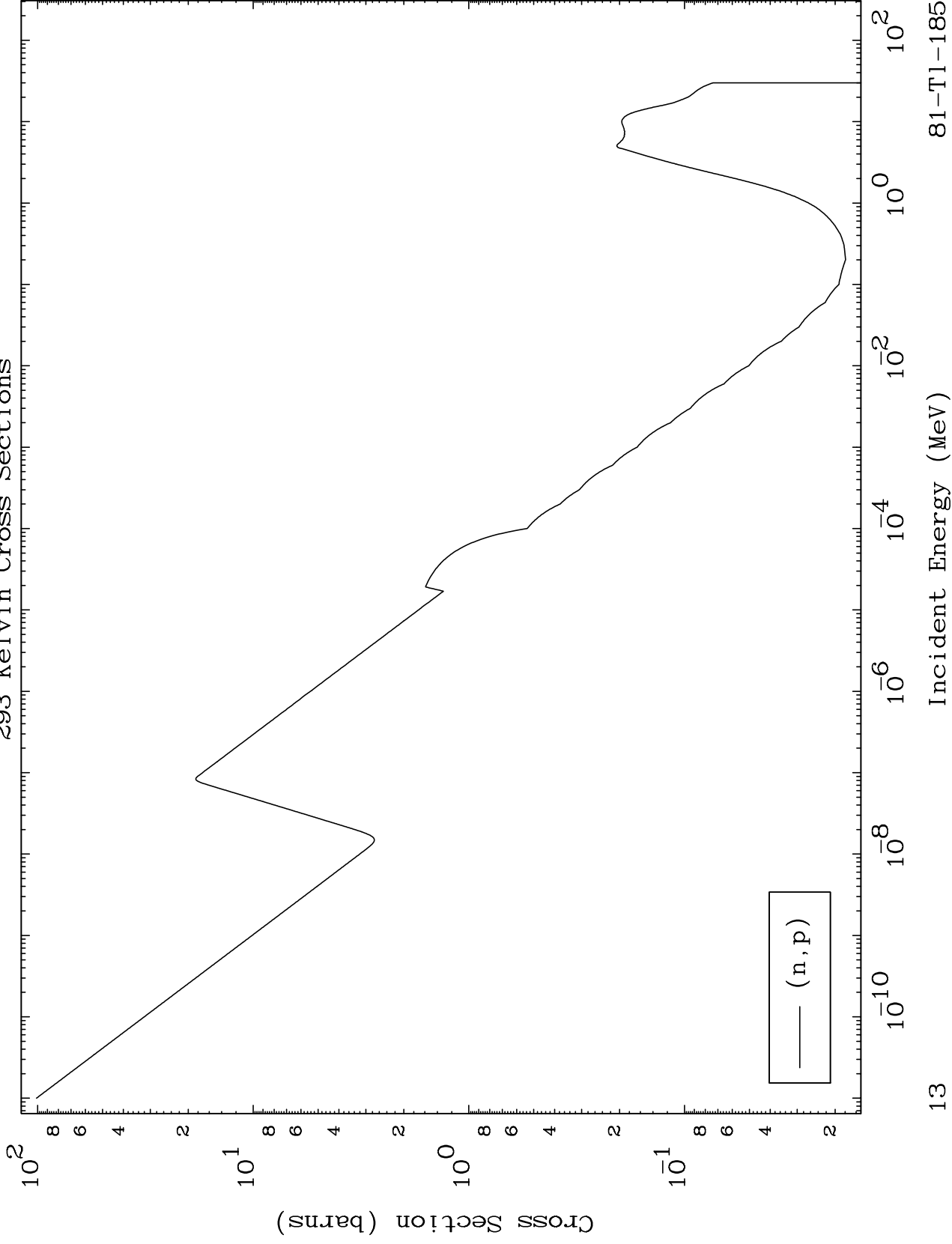
Legend:

- Inelastic
- MT= 65 (n,n') Level
- MT= 66 (n,n') Level
- MT= 67 (n,n') Level
- MT= 68 (n,n') Level
- MT= 69 (n,n') Level
- MT= 70 (n,n') Level
- (n,n') Continuum

MAT 8071

(n,p) Levels
293 Kelvin Cross Sections

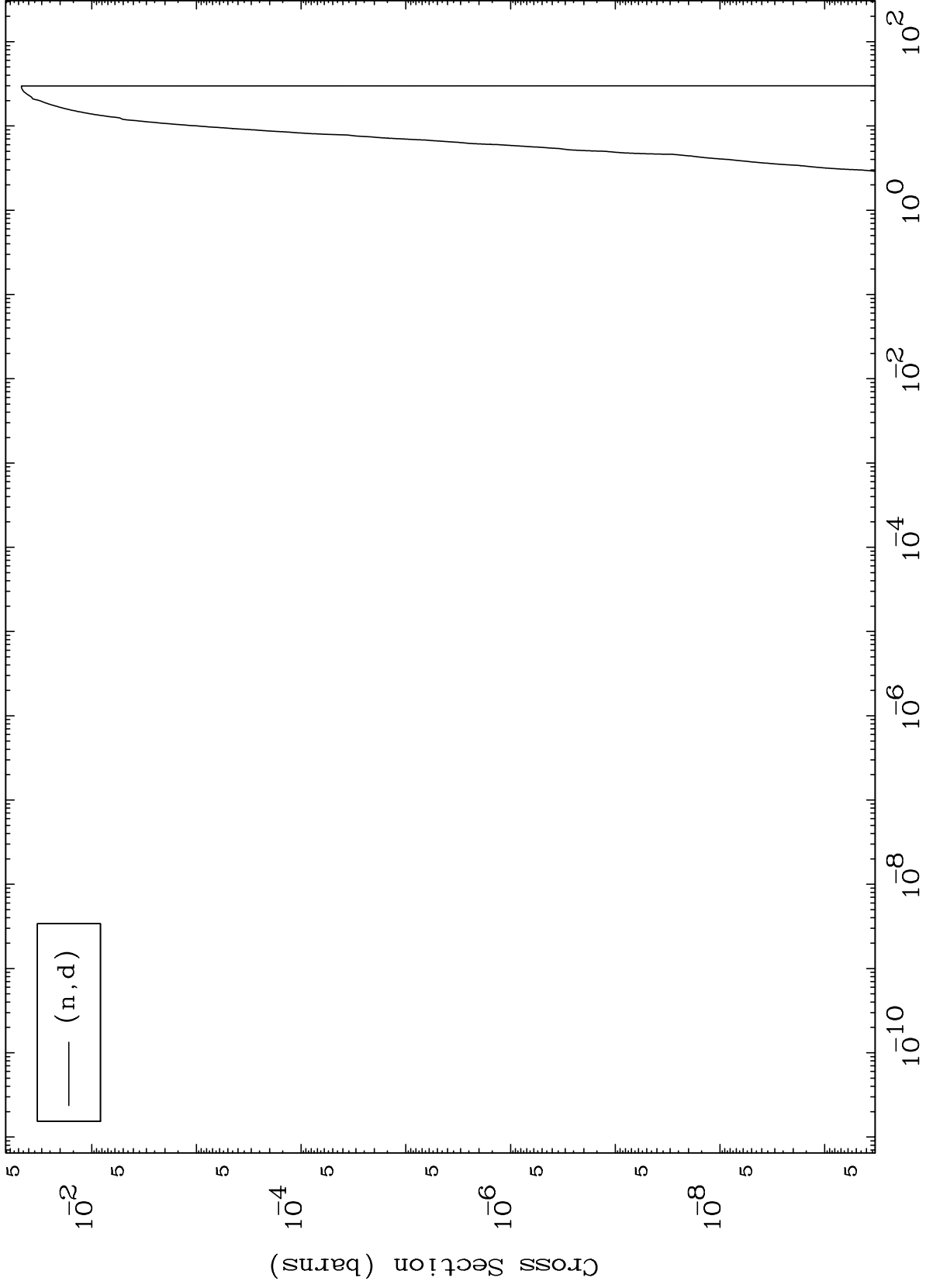
81-Tl-185



MAT 8071

(n,d) Levels
293 Kelvin Cross Sections

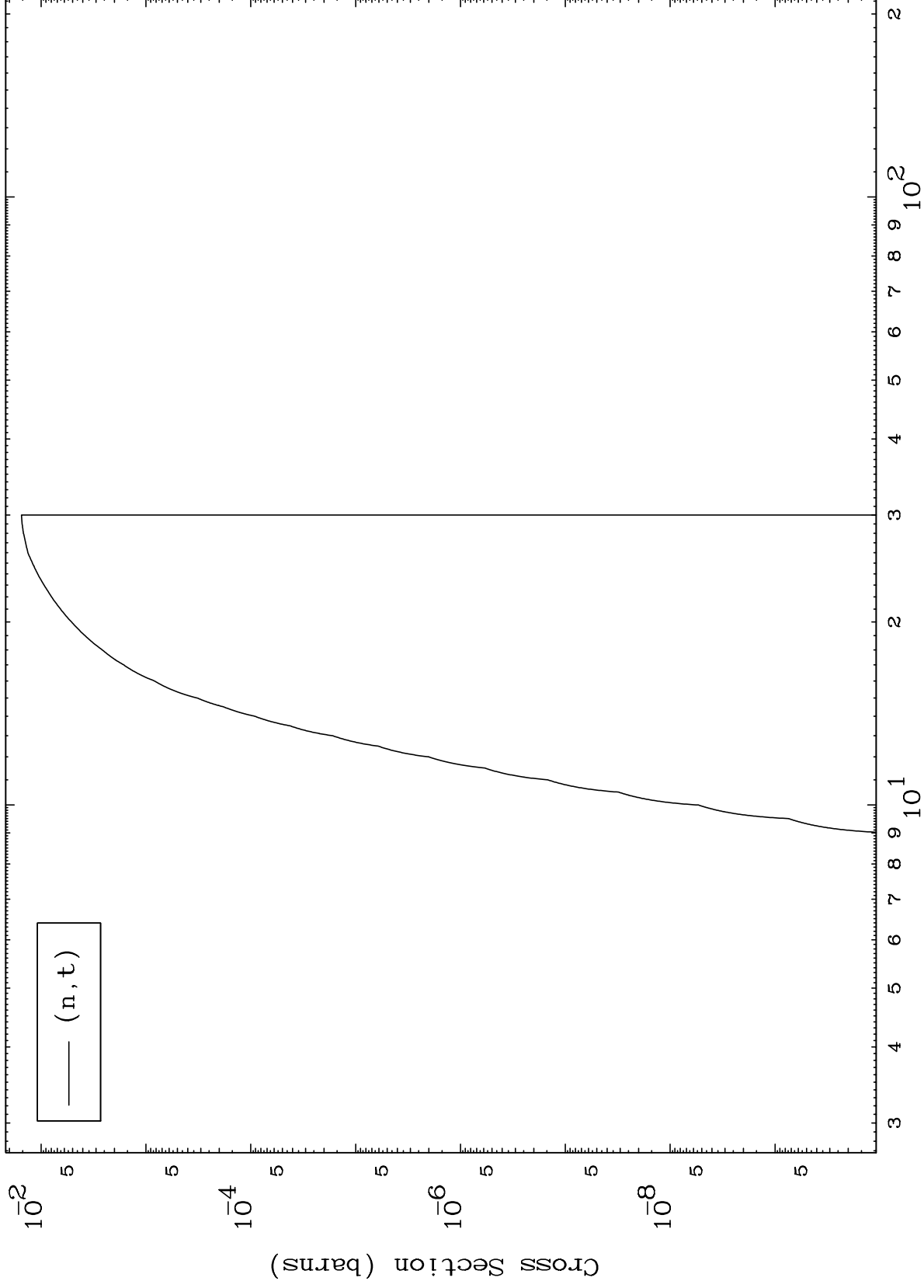
81-Tl-185



MAT 8071

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-185



15

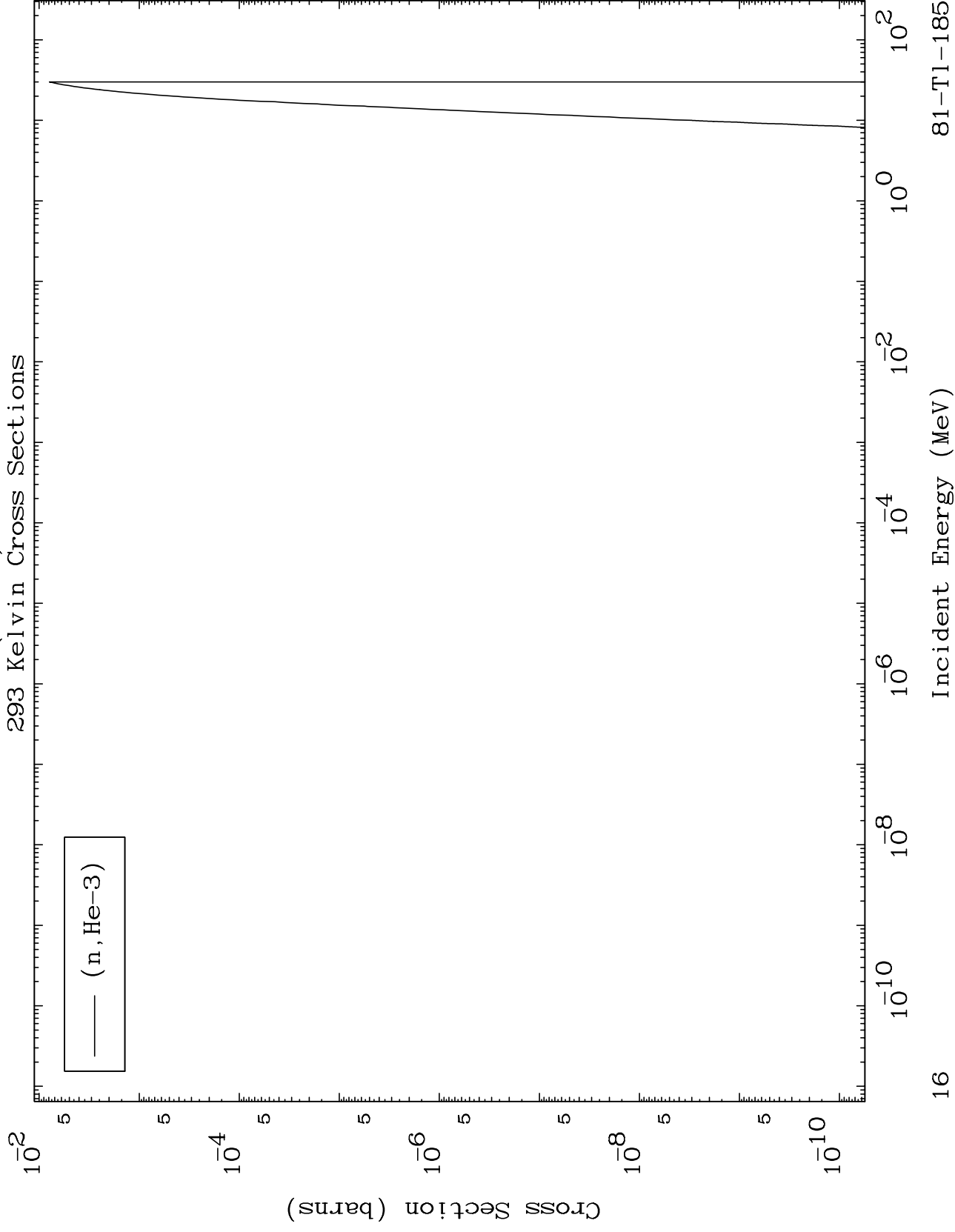
Incident Energy (MeV)

81-Tl-185

MAT 8071

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-185



16

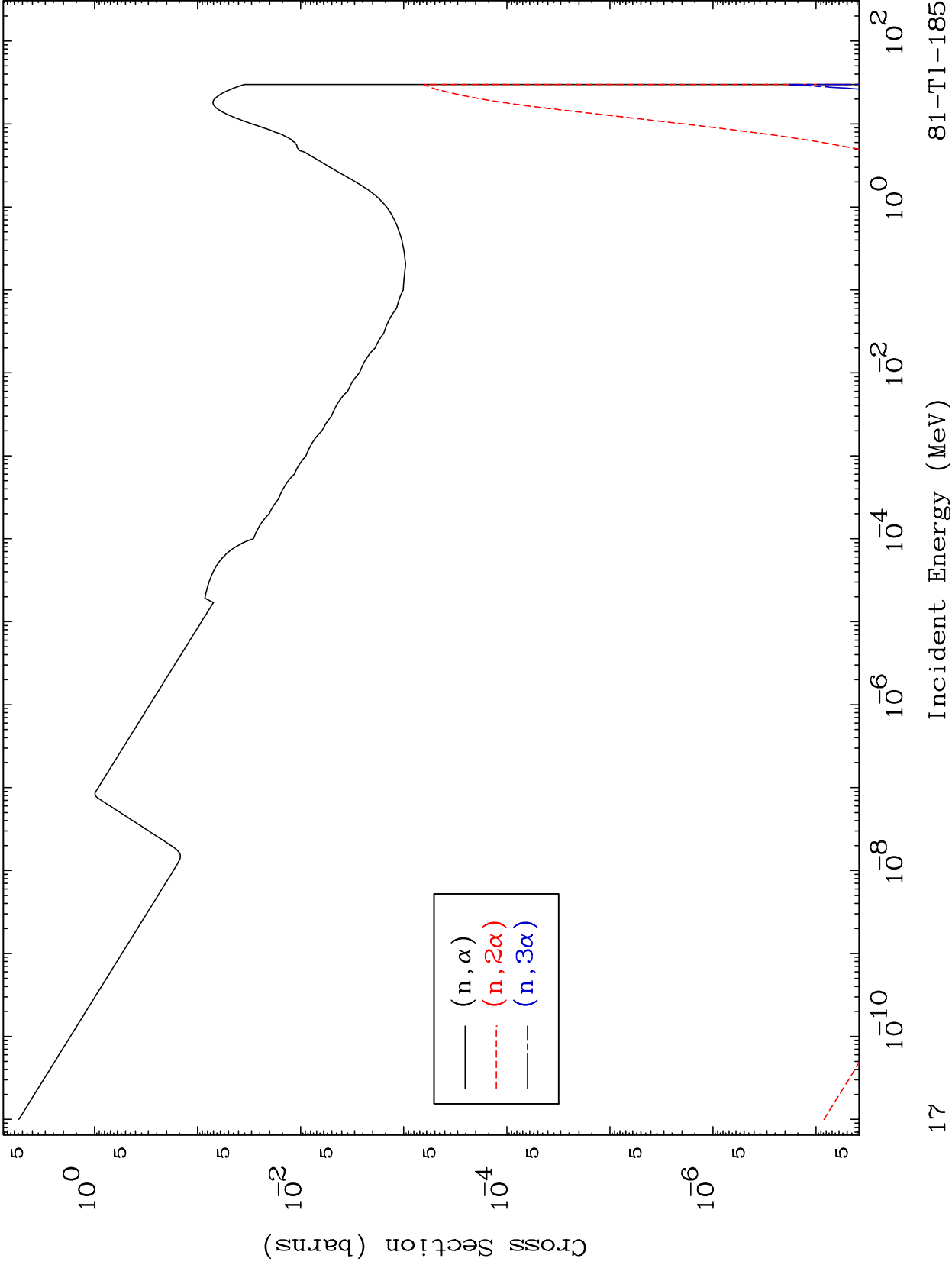
Incident Energy (MeV)

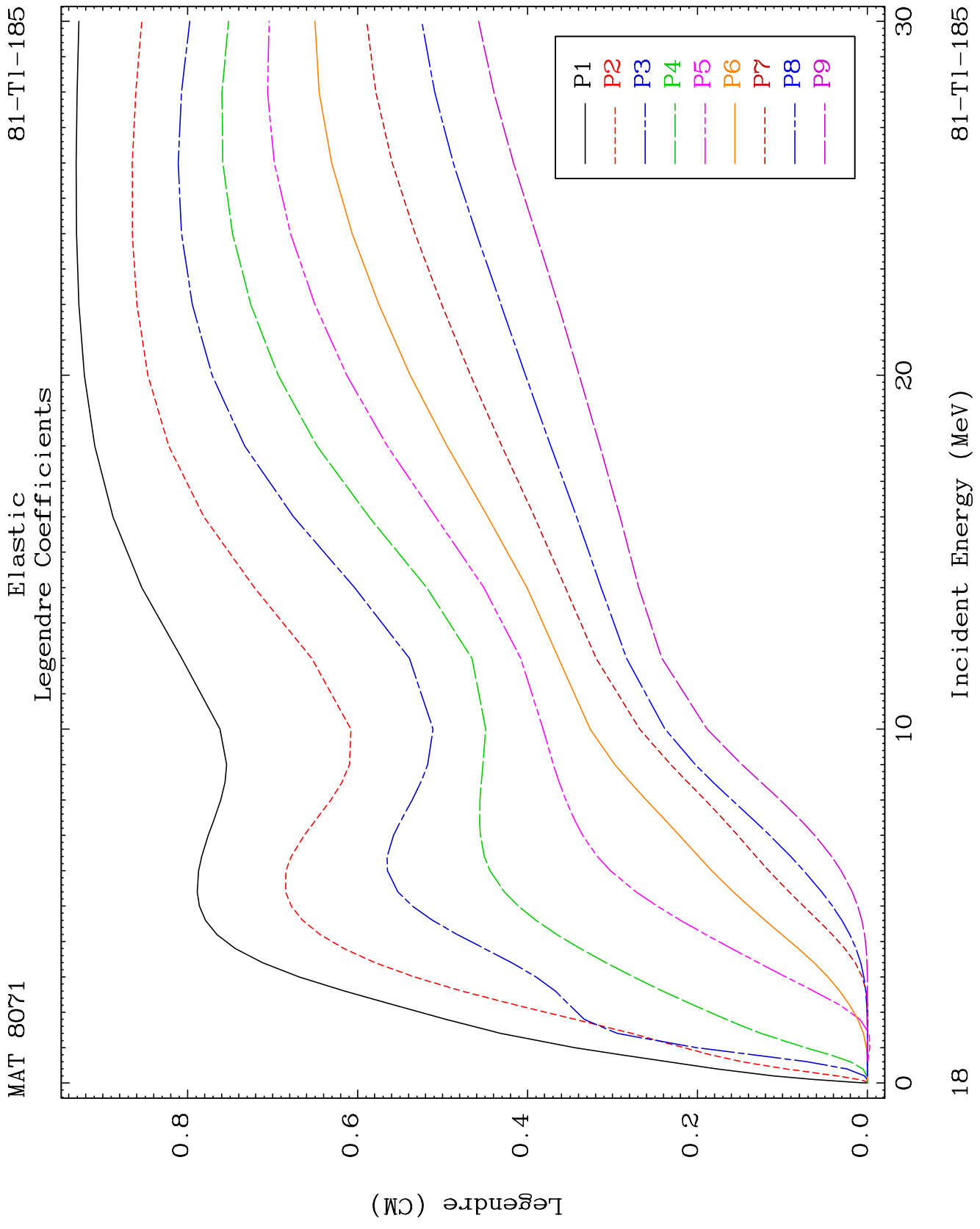
81-T1-185

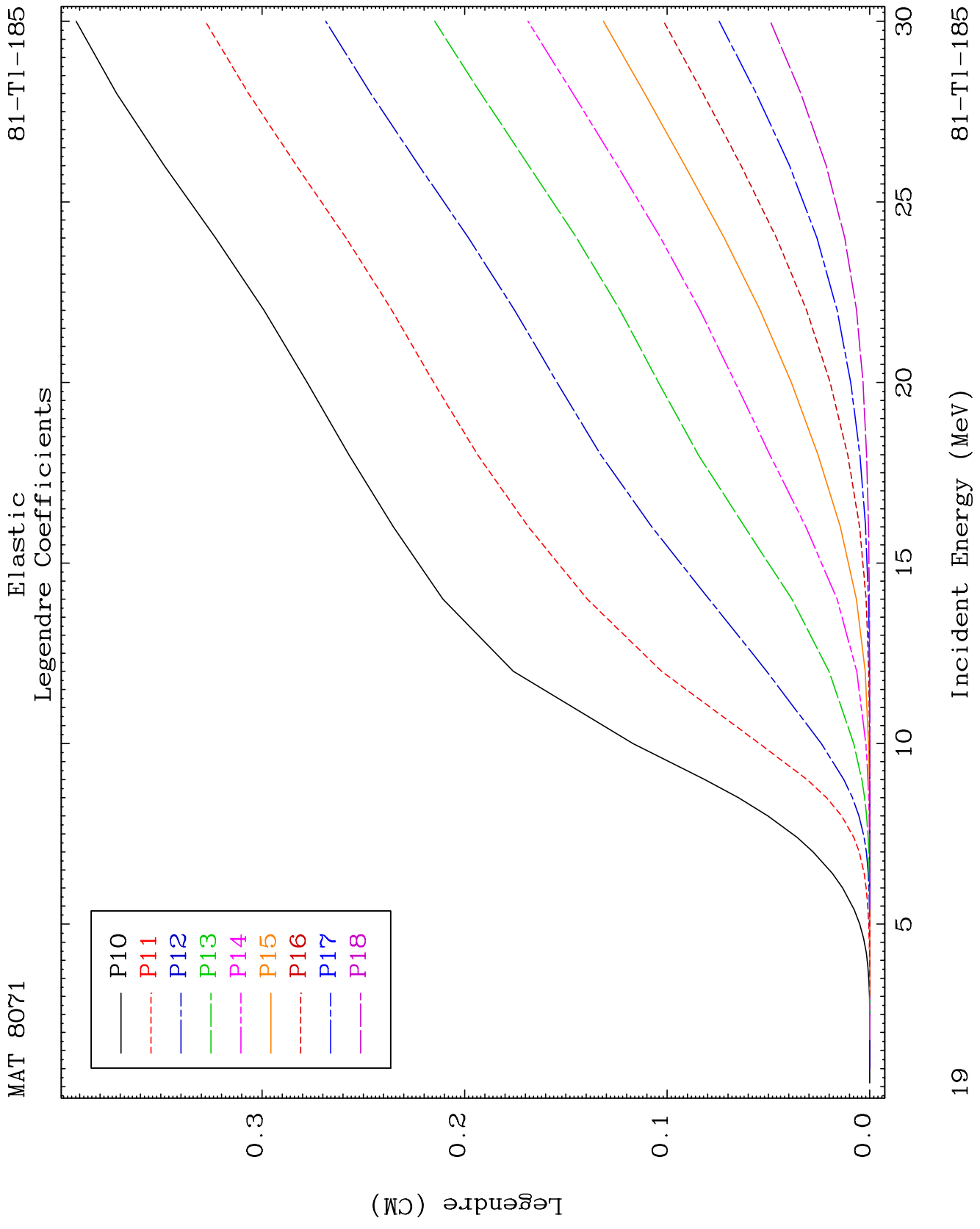
MAT 8071

293 Kelvin Cross Sections
(n, α) Levels

81-Tl-185



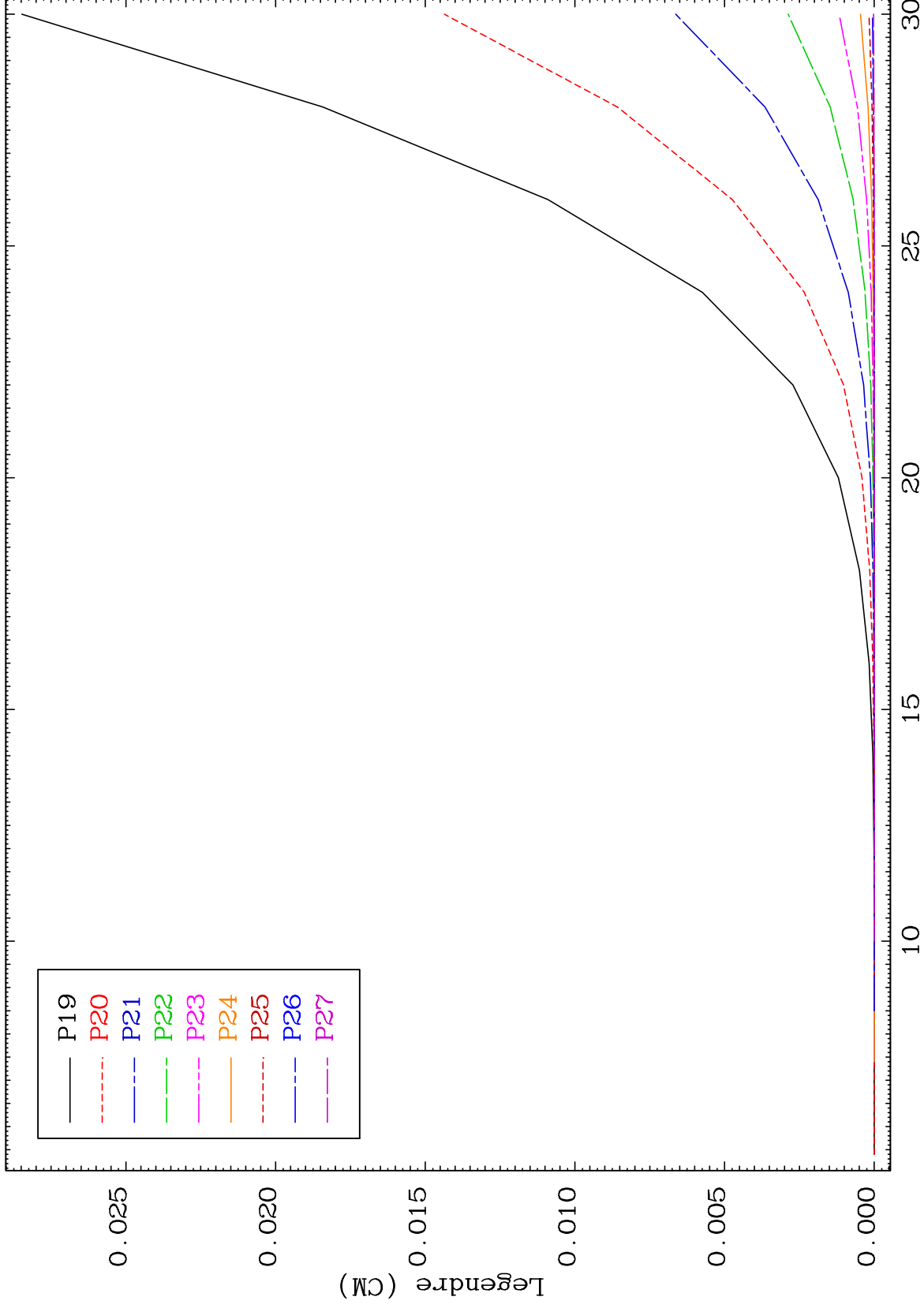




MAT 8071

Elastic Legendre Coefficients

81-T1-185



20

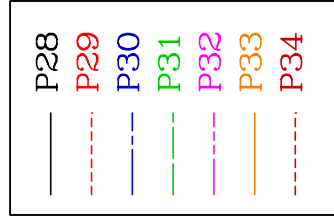
Incident Energy (MeV)

81-T1-185

MAT 8071

Elastic Legendre Coefficients

81-T1-185



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

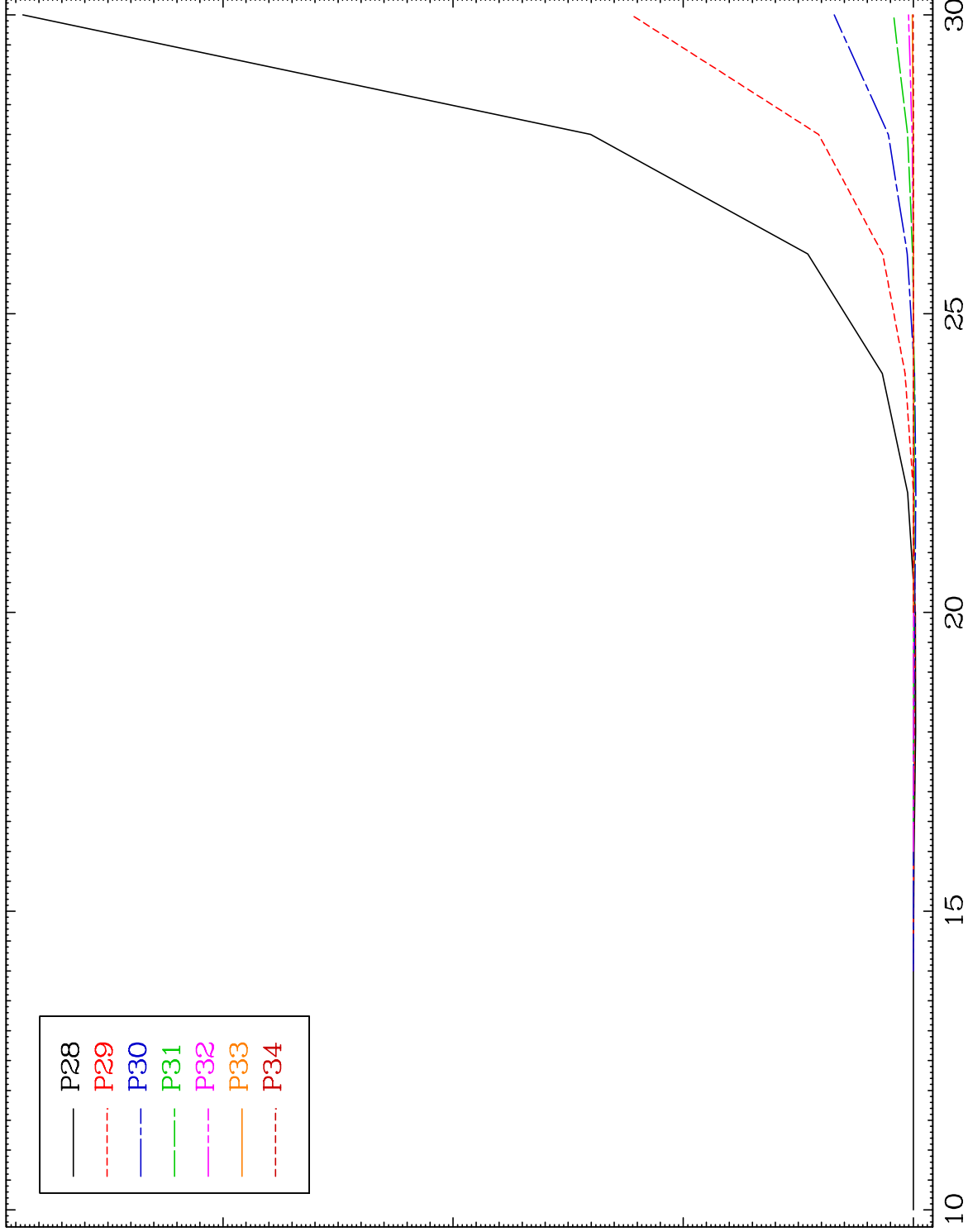
25

30

21

Incident Energy (MeV)

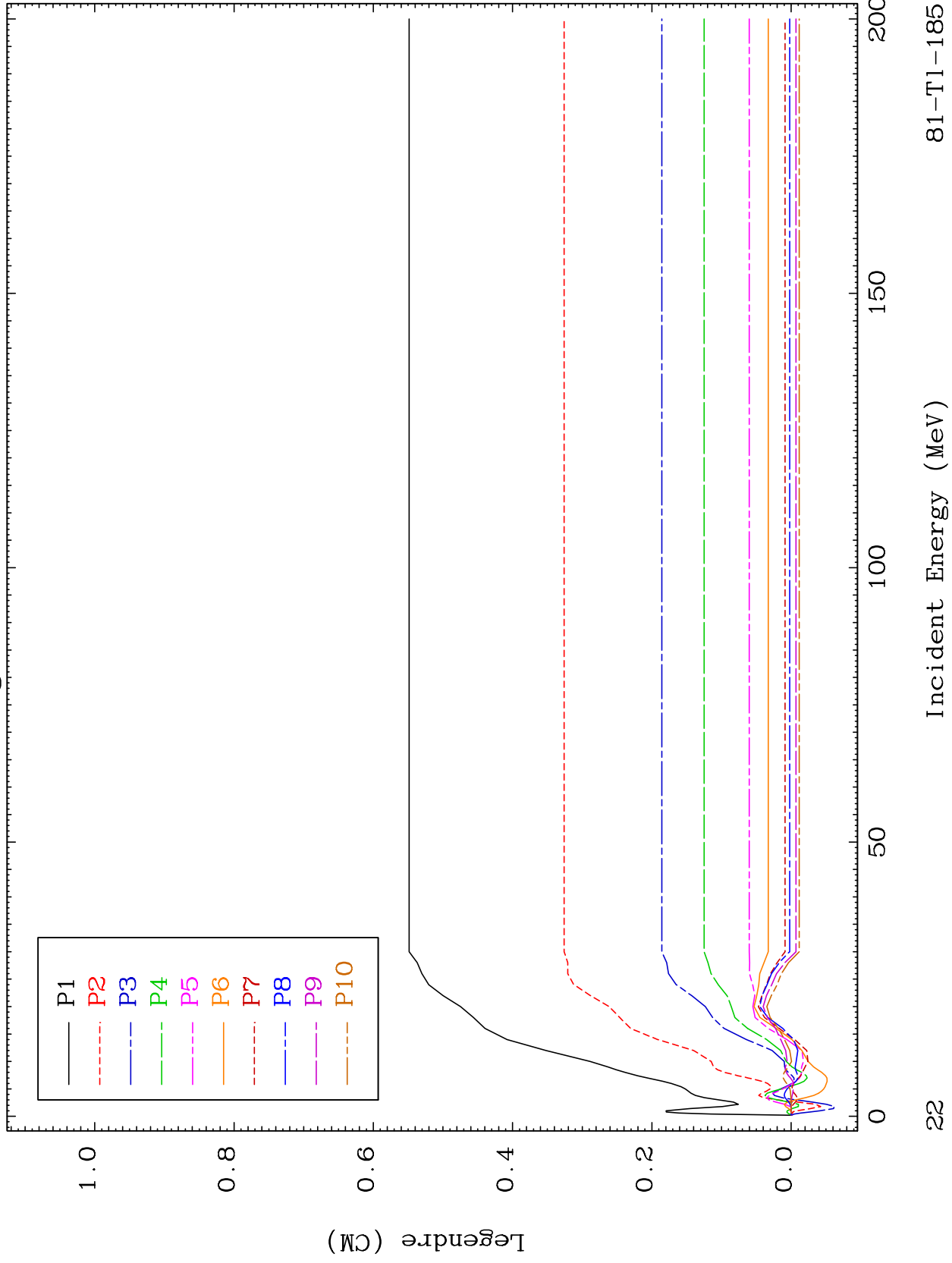
81-T1-185



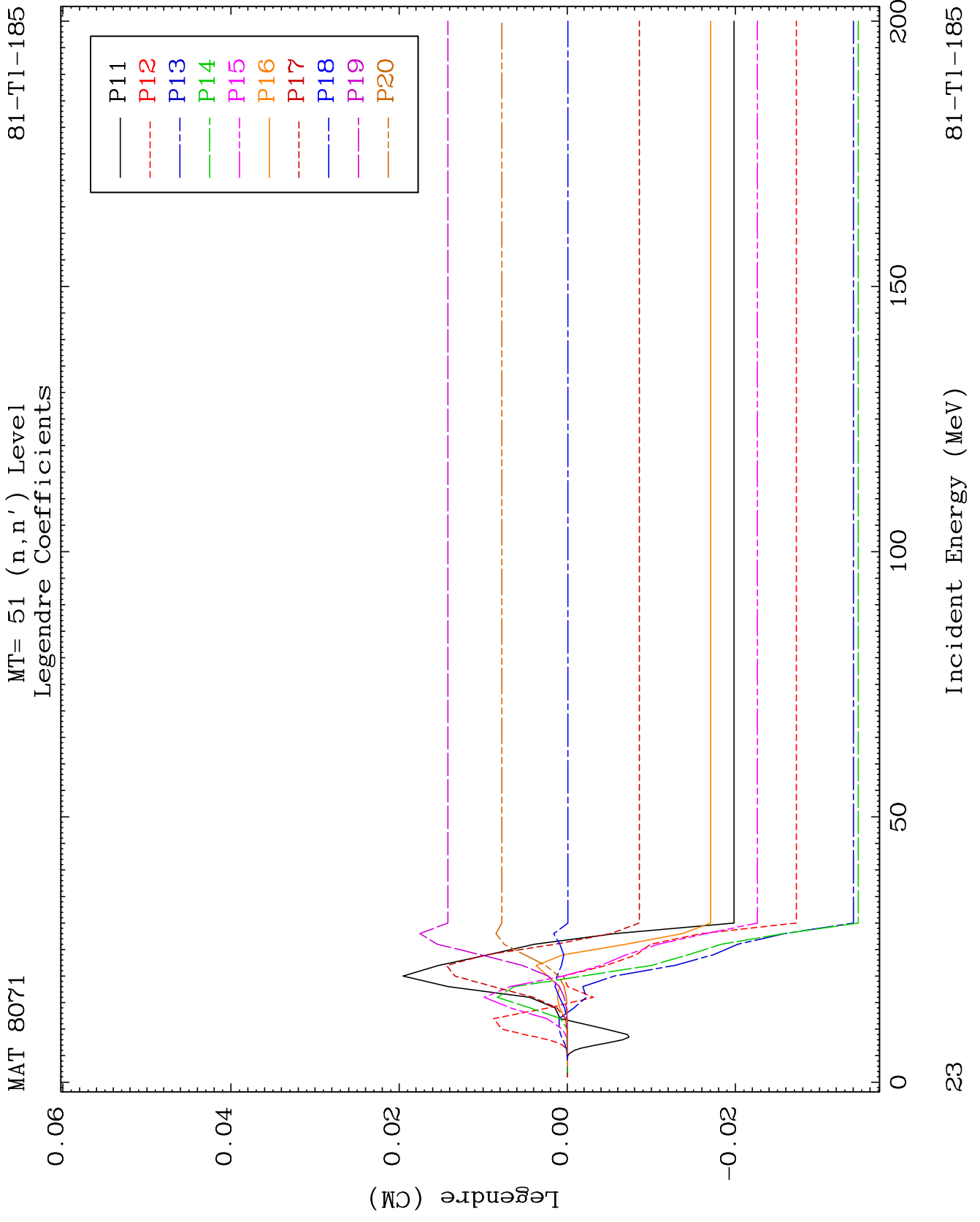
MAT 8071

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

81-Tl-185



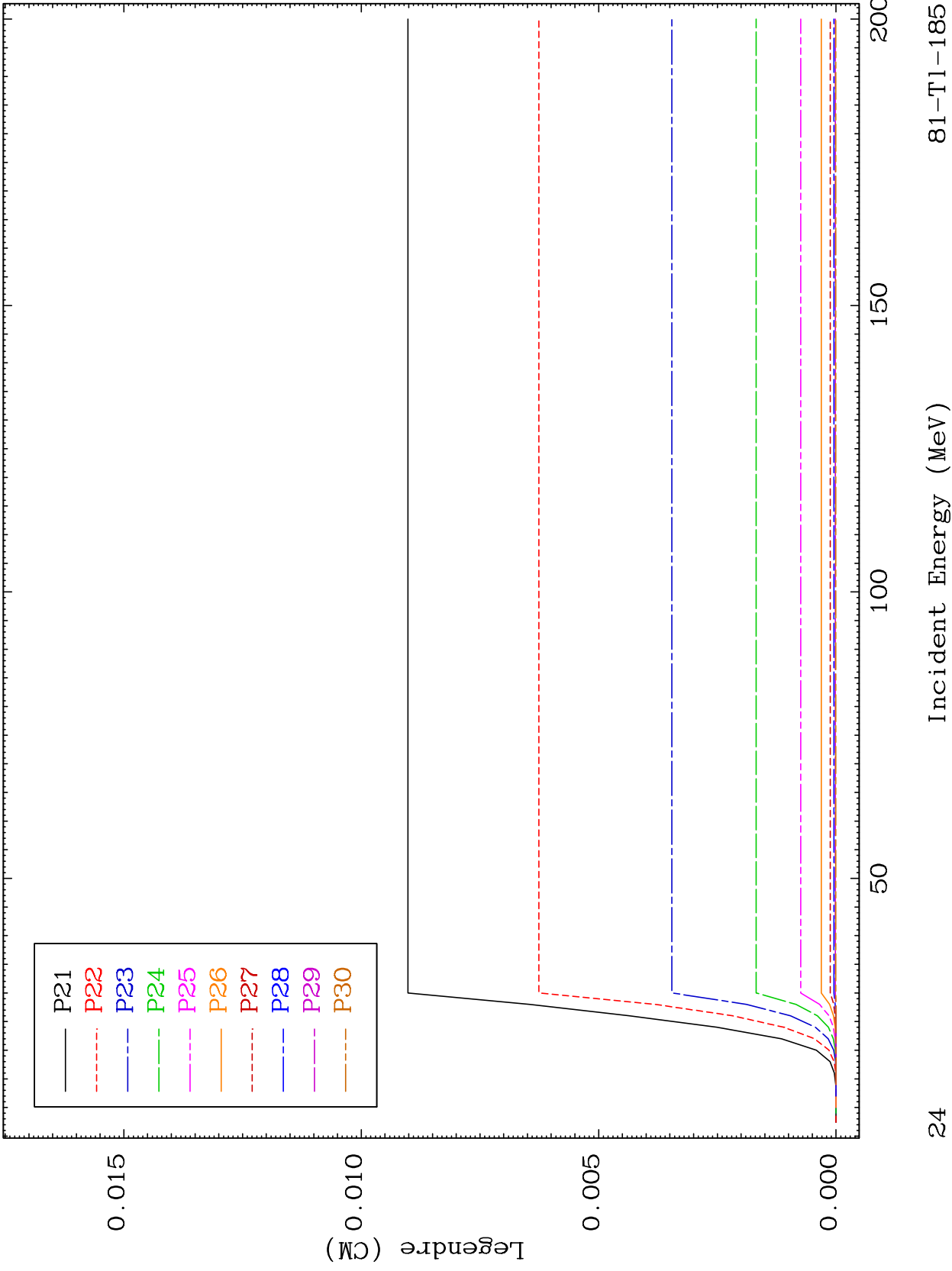
22



MAT 8071

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

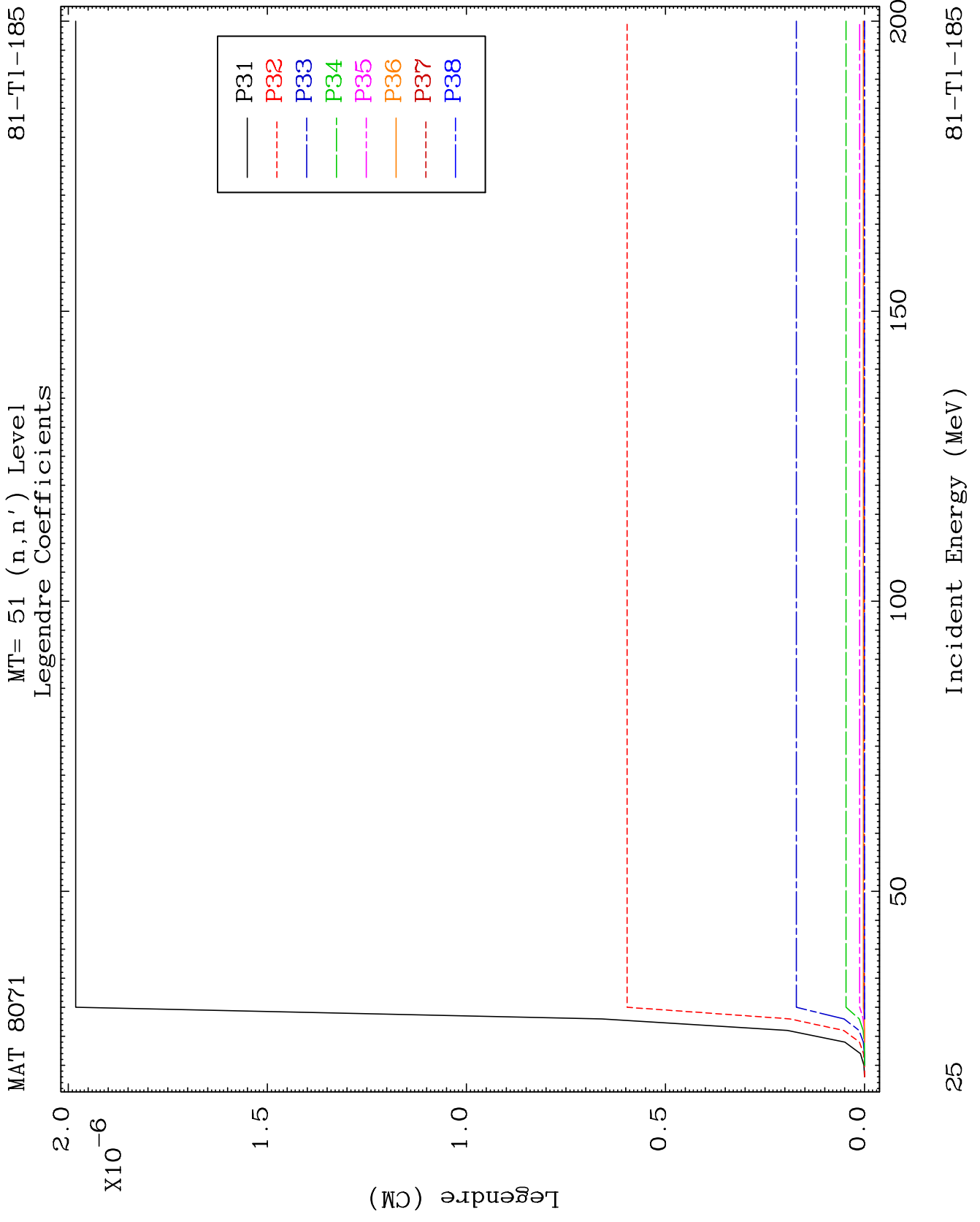
81-Tl-185



24

Incident Energy (MeV)

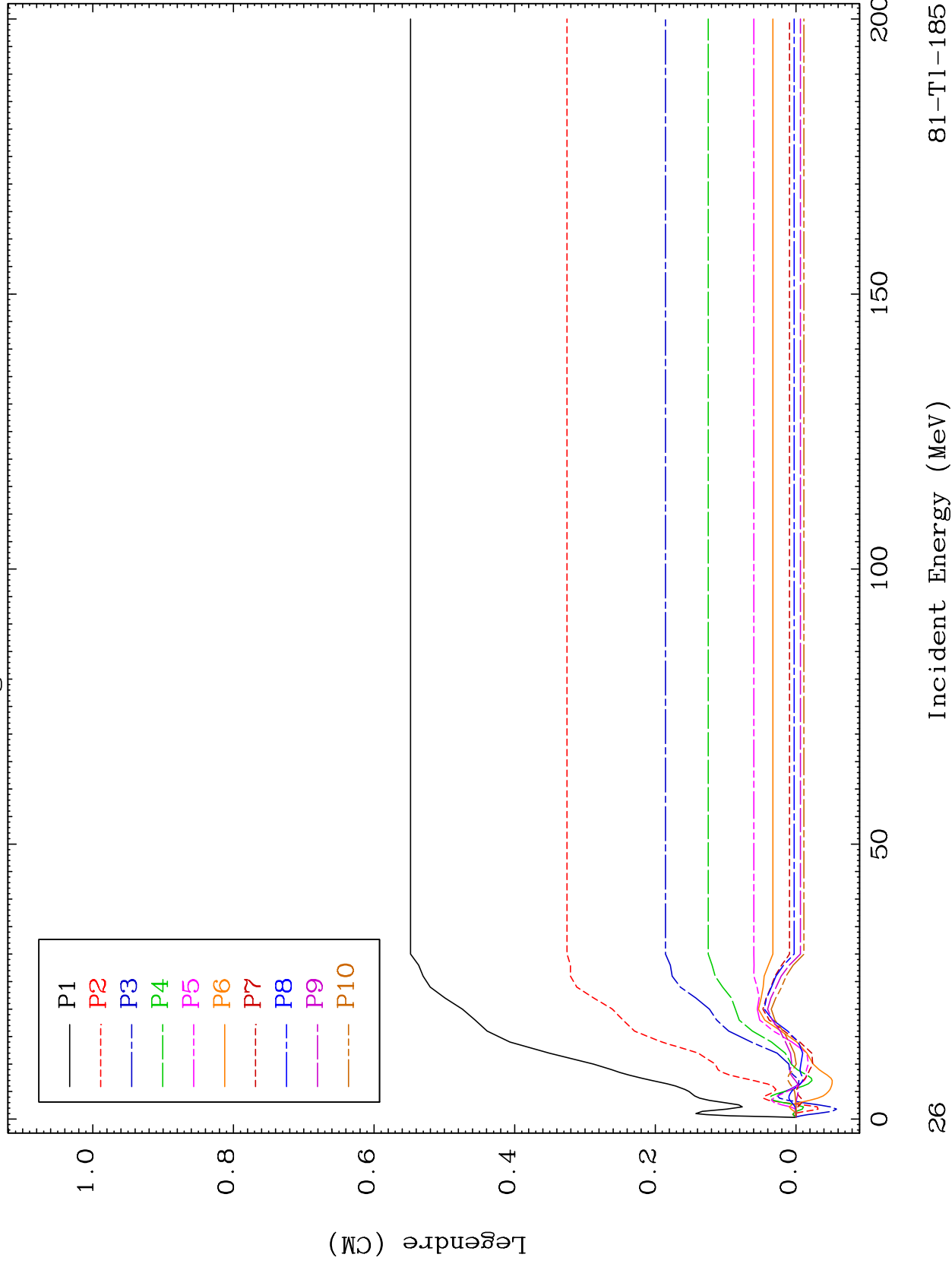
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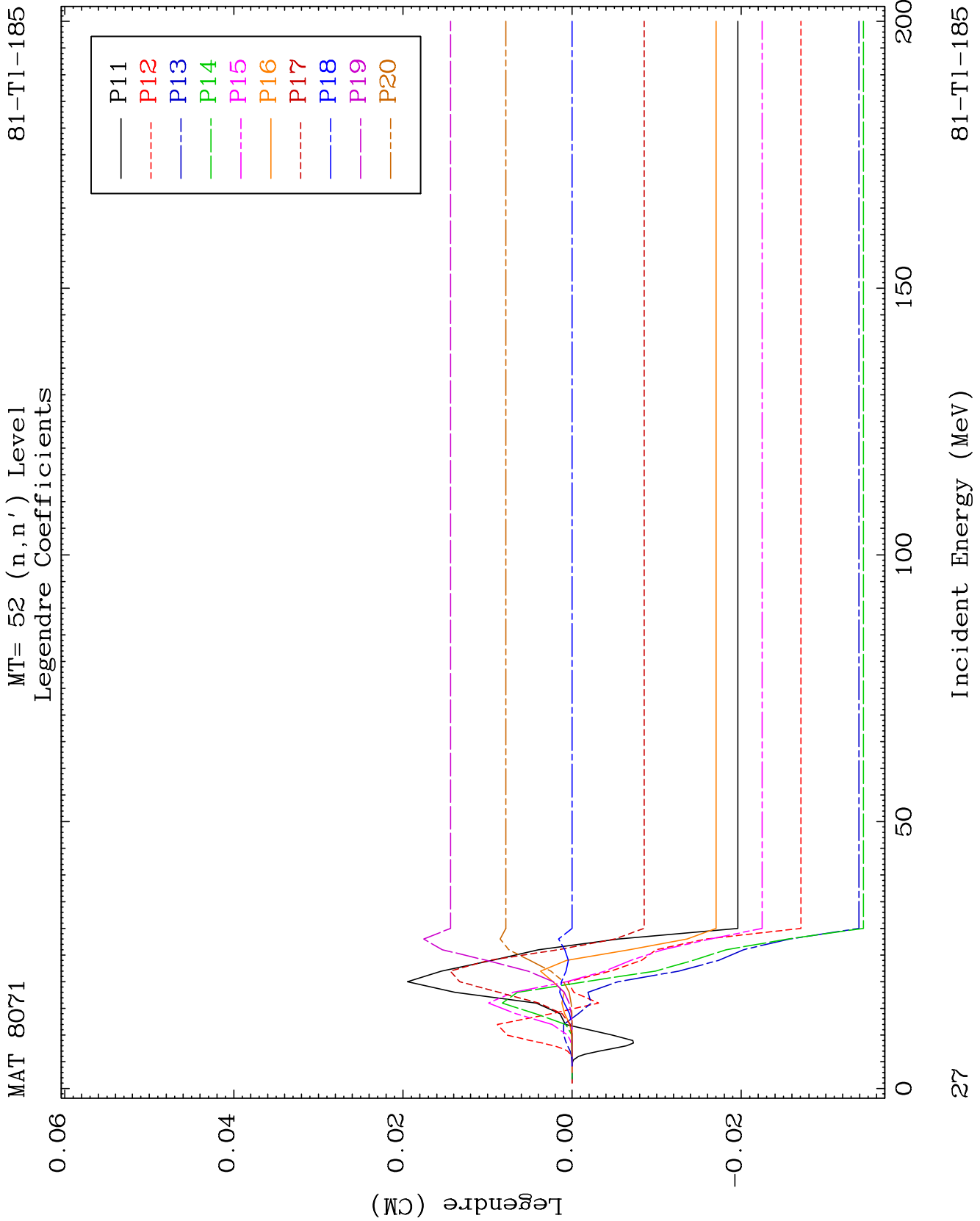


MAT 8071

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

81-Tl-185

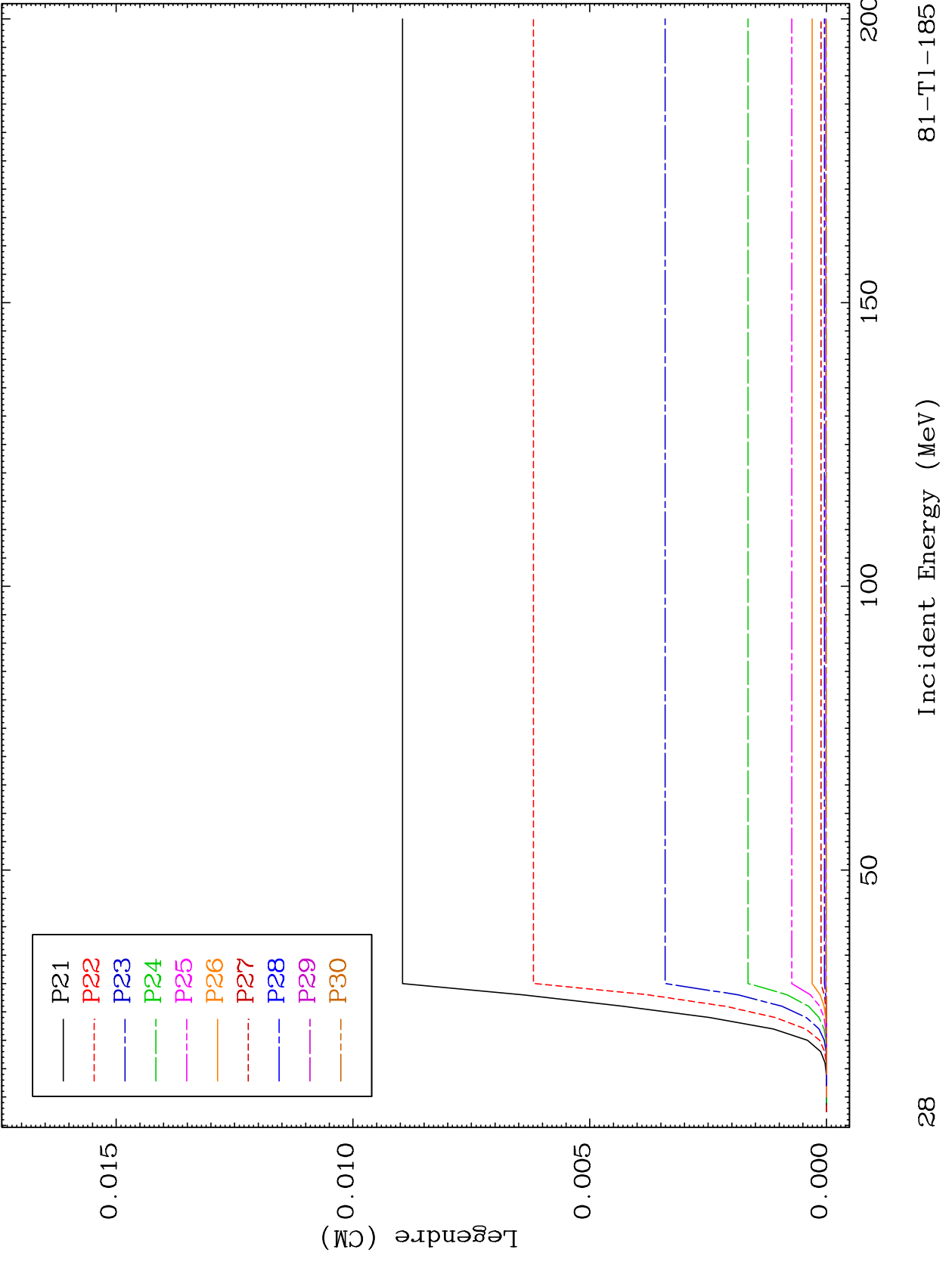




MAT 8071

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

81-Tl-185



28

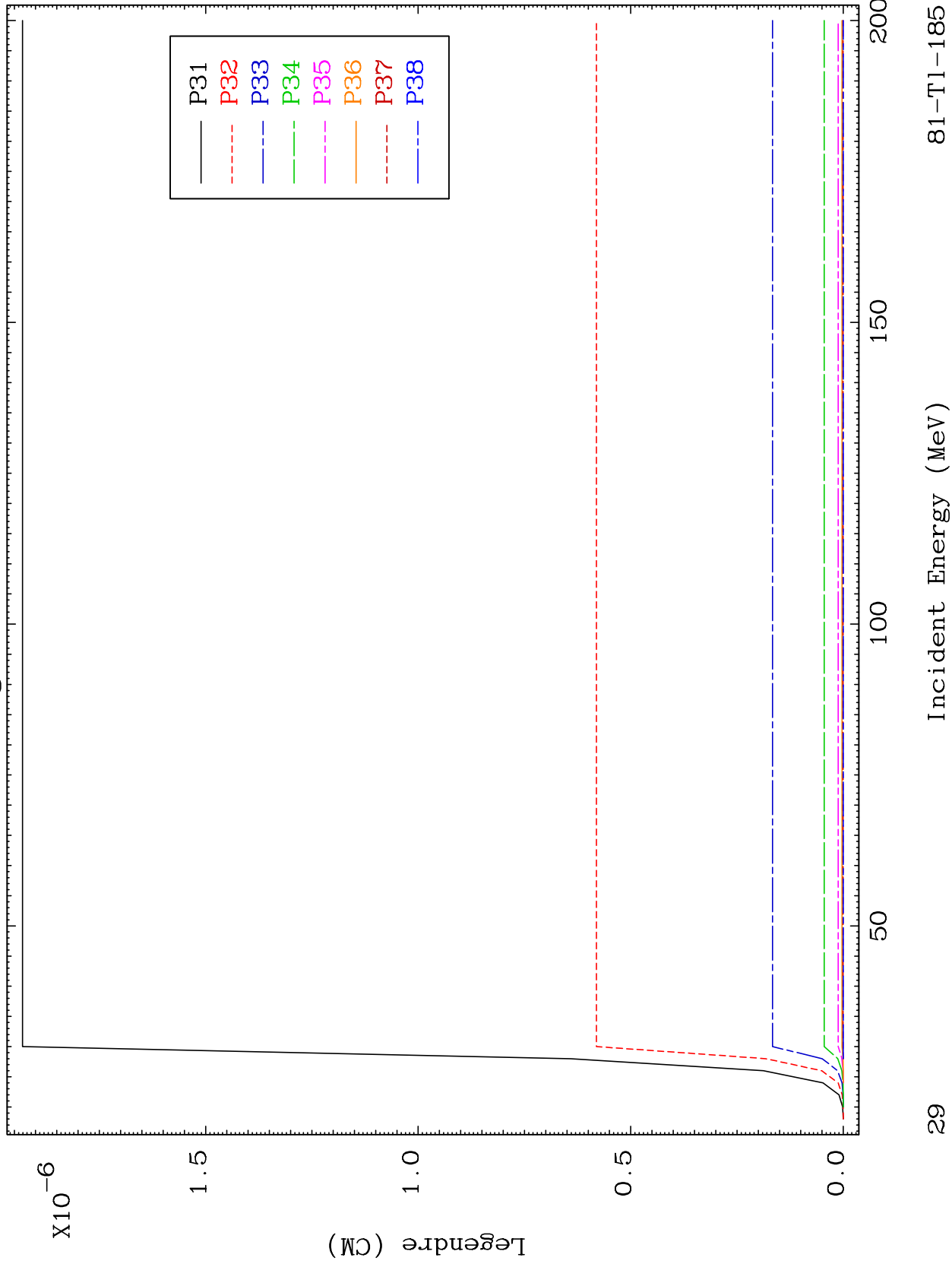
Incident Energy (MeV)

81-Tl-185

MAT 8071

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

81-Tl-185



29

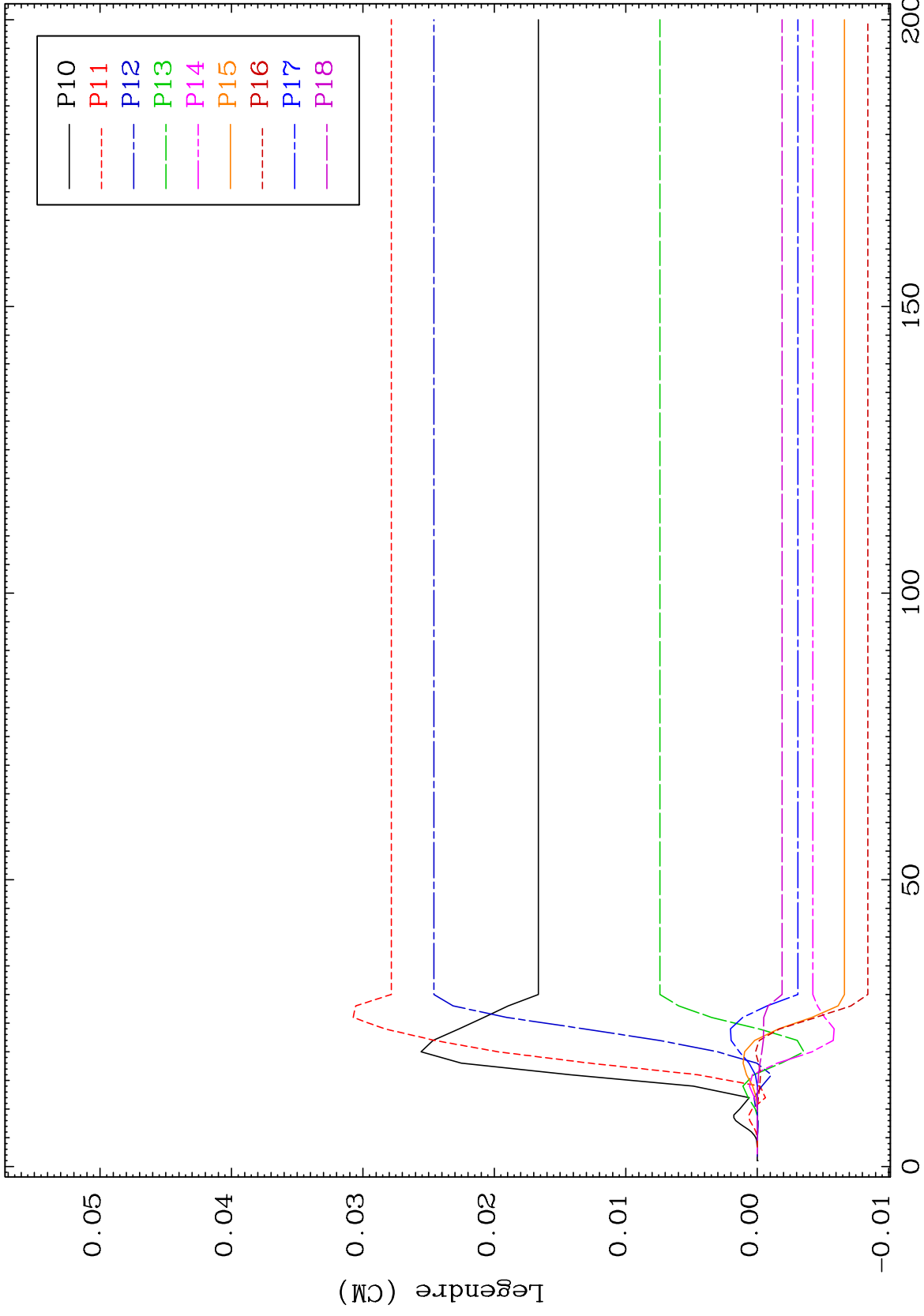
Incident Energy (MeV)

81-Tl-185

MAT 8071

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

81-T1-185



31

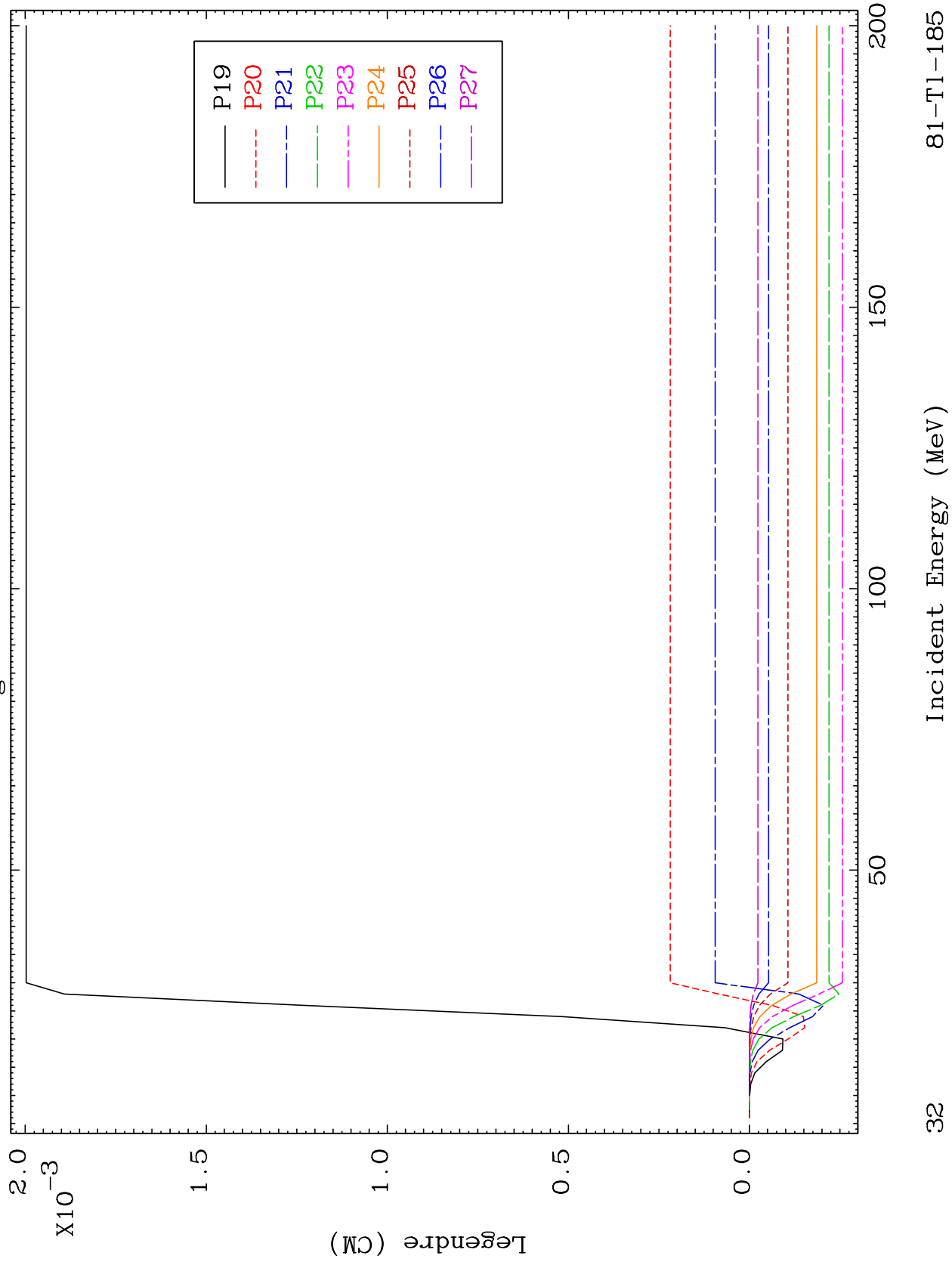
Incident Energy (MeV)

81-T1-185

MAT 8071

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

81-Tl-185



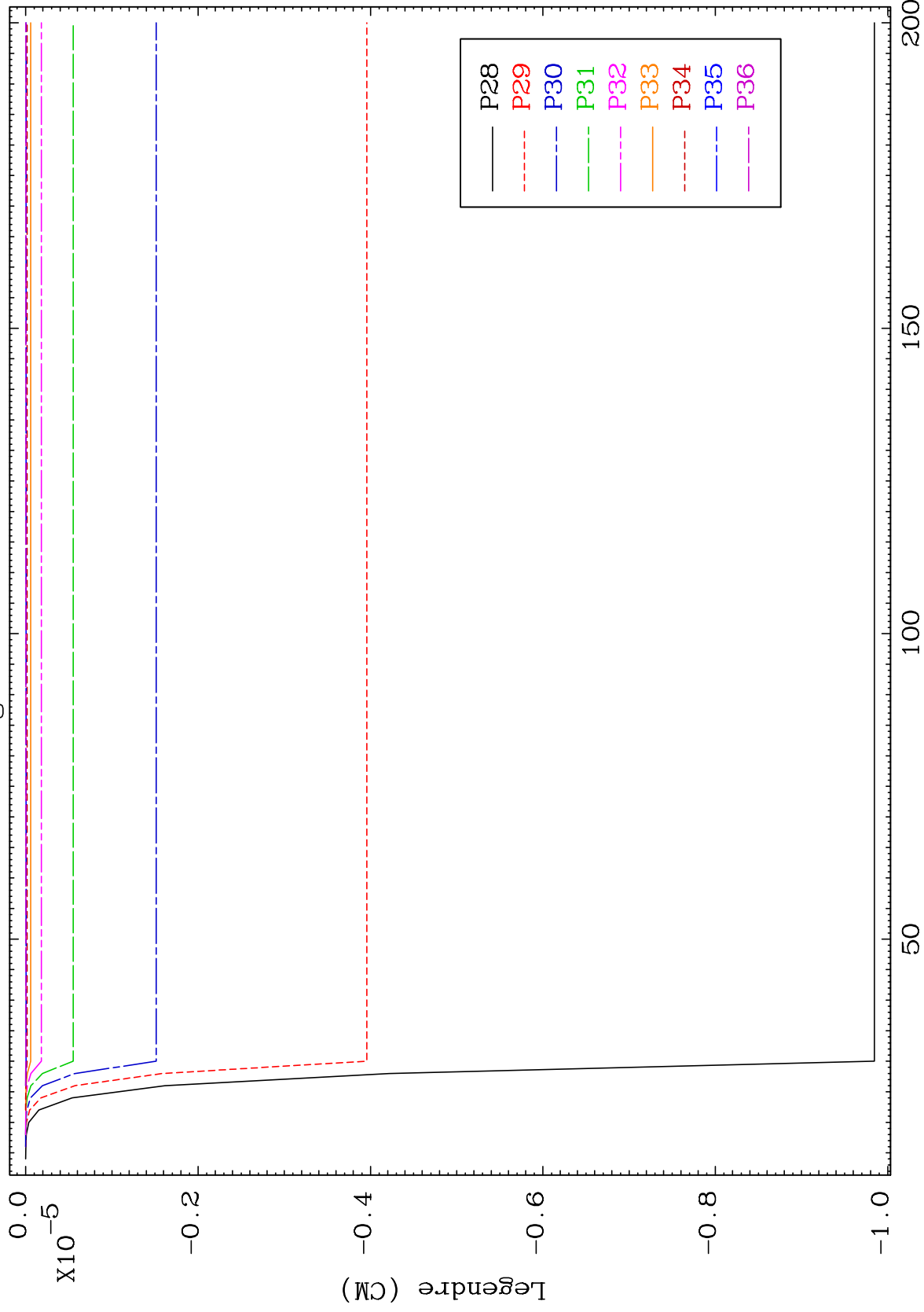
32

81-Tl-185

MAT 8071

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

81-Tl-185



33

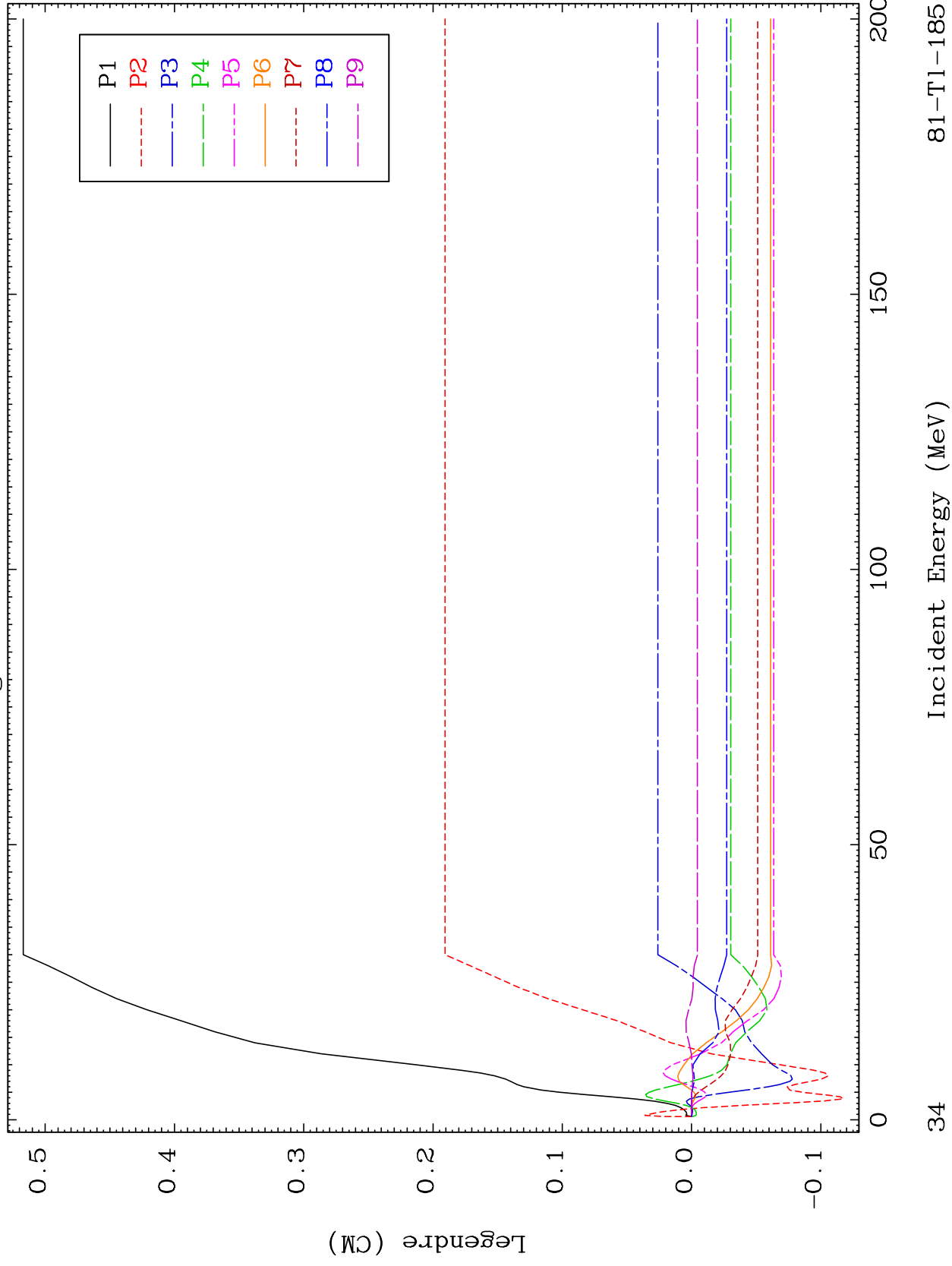
Incident Energy (MeV)

81-Tl-185

MAT 8071

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

81-Tl-185



81-Tl-185

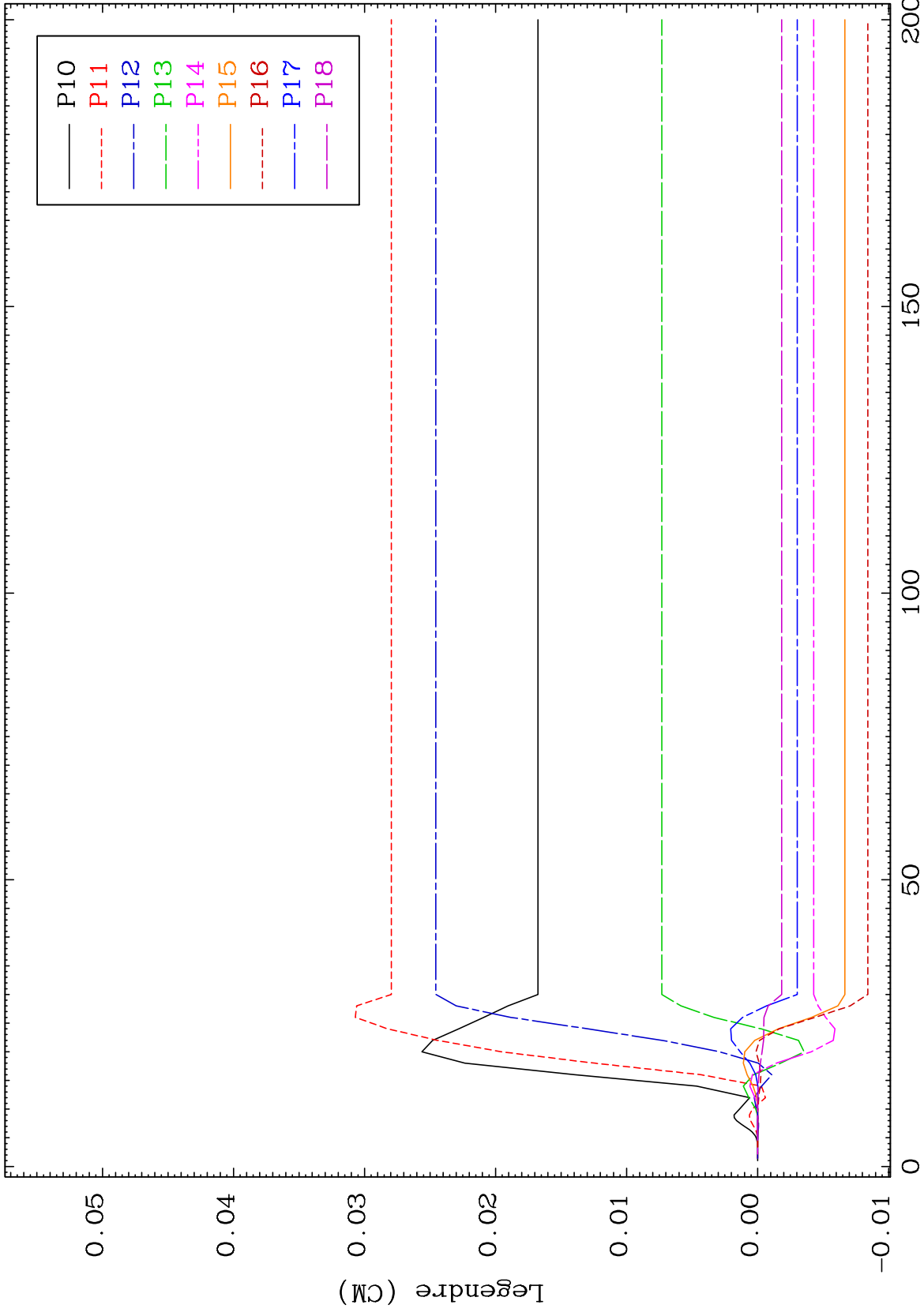
Incident Energy (MeV)

34

MAT 8071

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

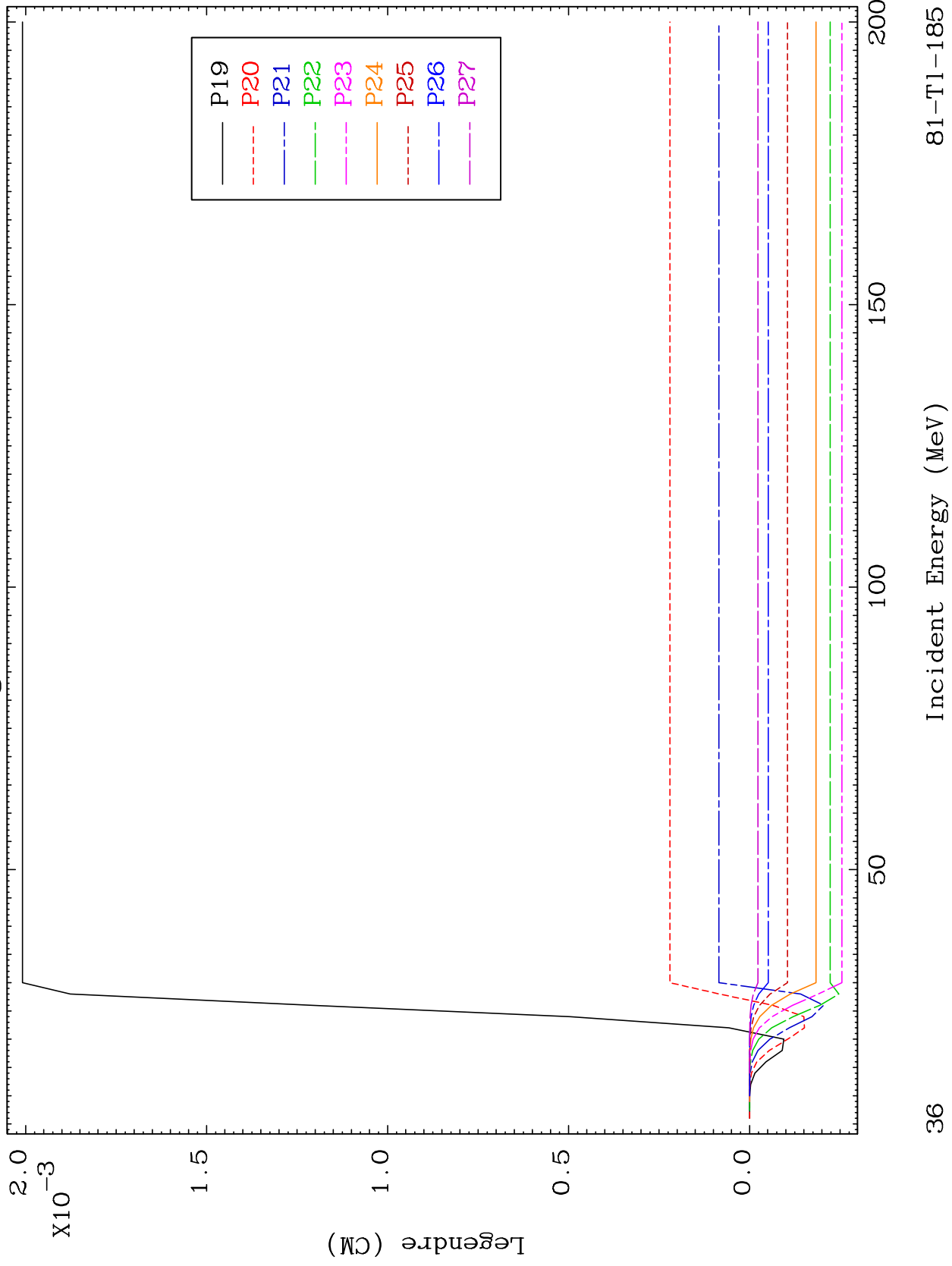
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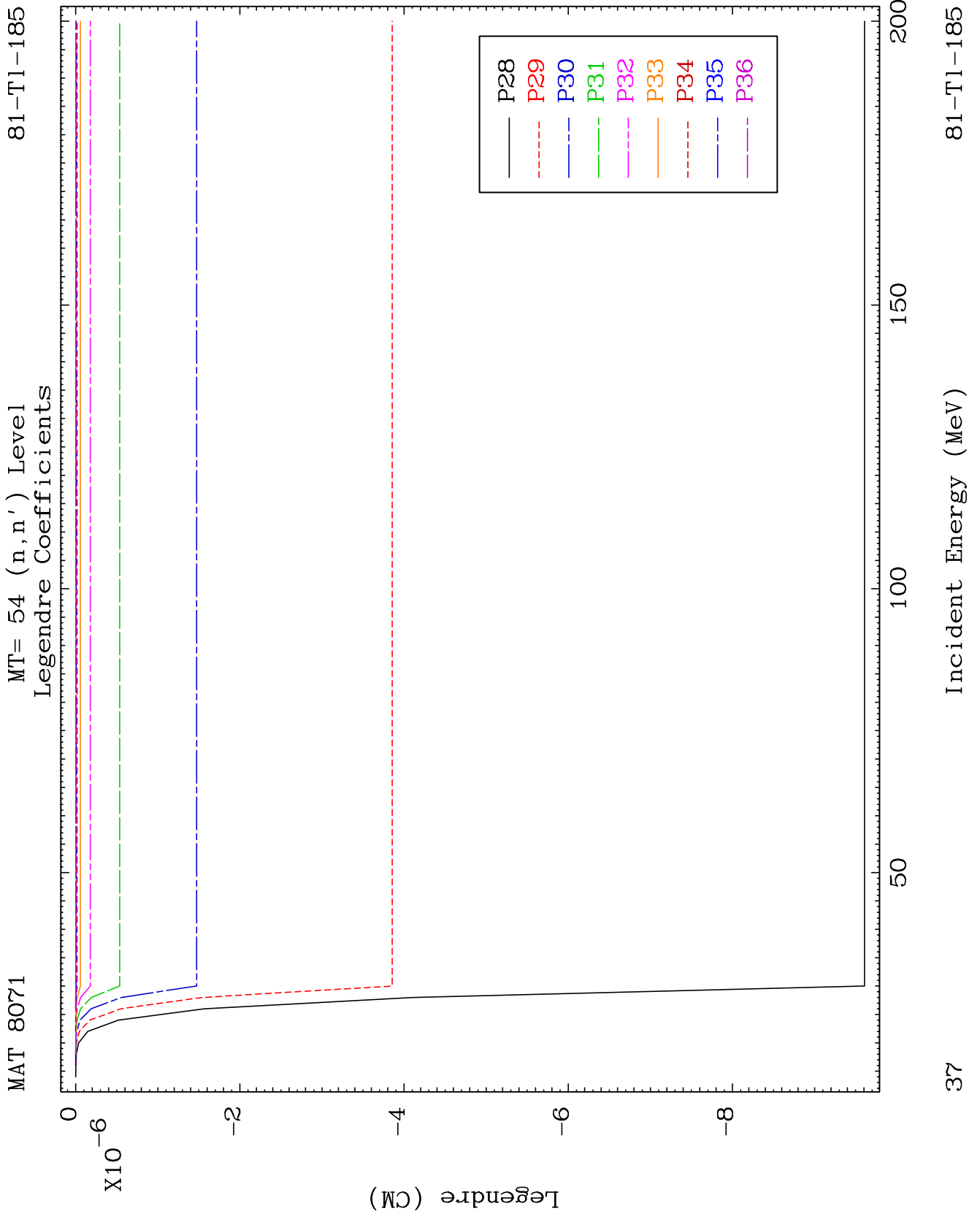


35

Incident Energy (MeV)

81-T1-185



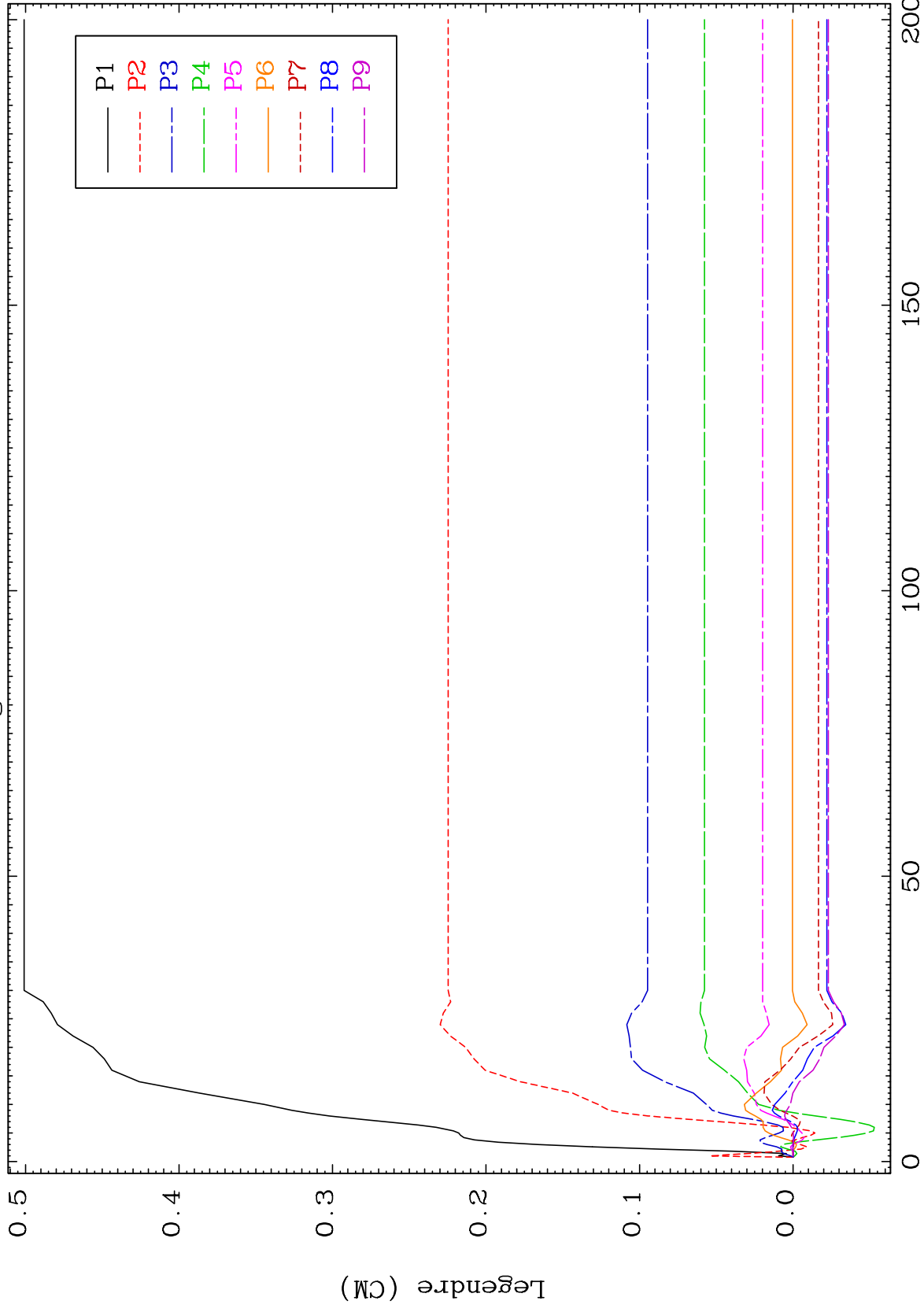


MAT 8071

MT= 55 (n,n') Level

81-Tl-185

Legendre Coefficients



38

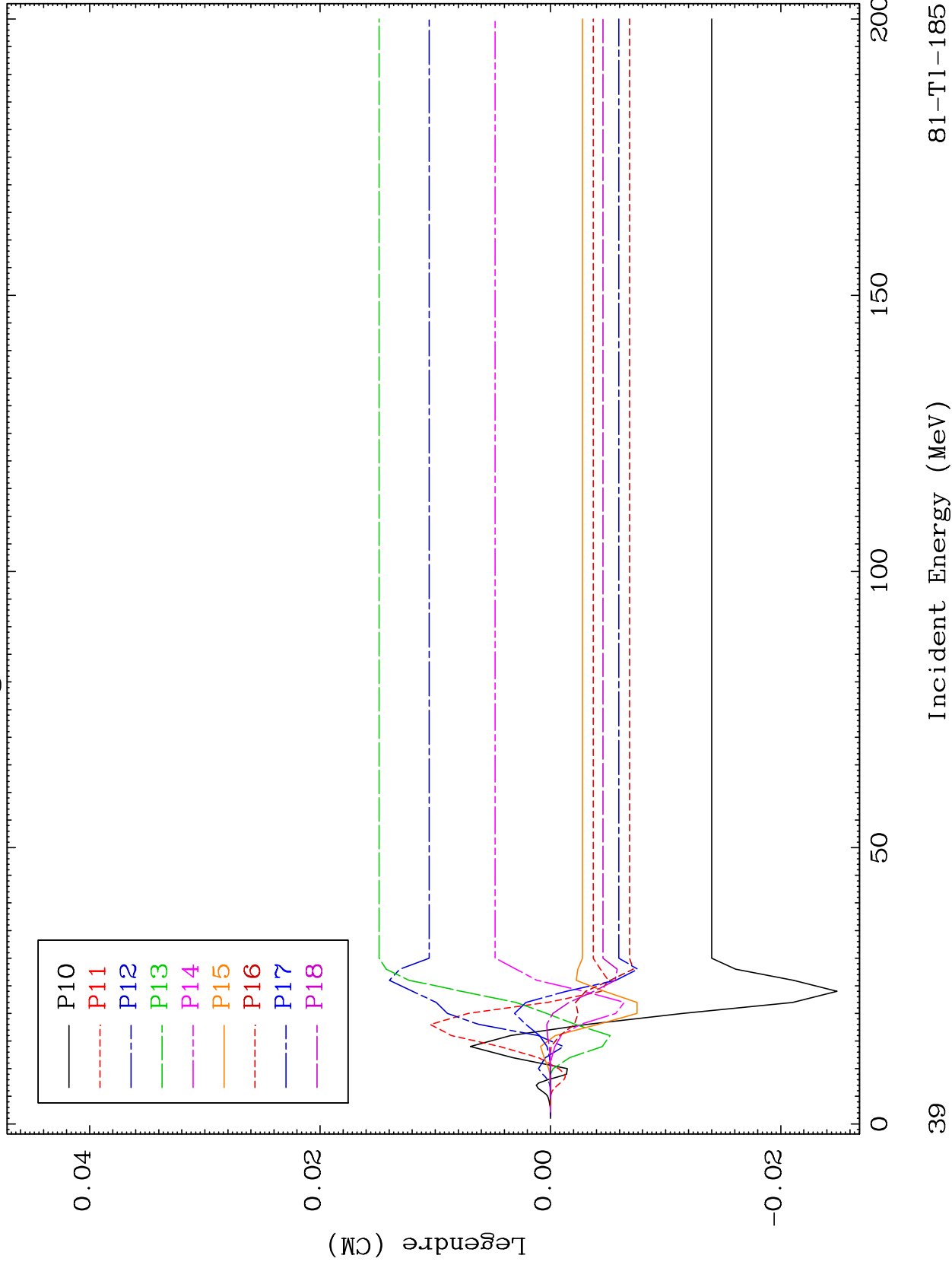
Incident Energy (MeV)

81-Tl-185

MAT 8071

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

81-Tl-185



39

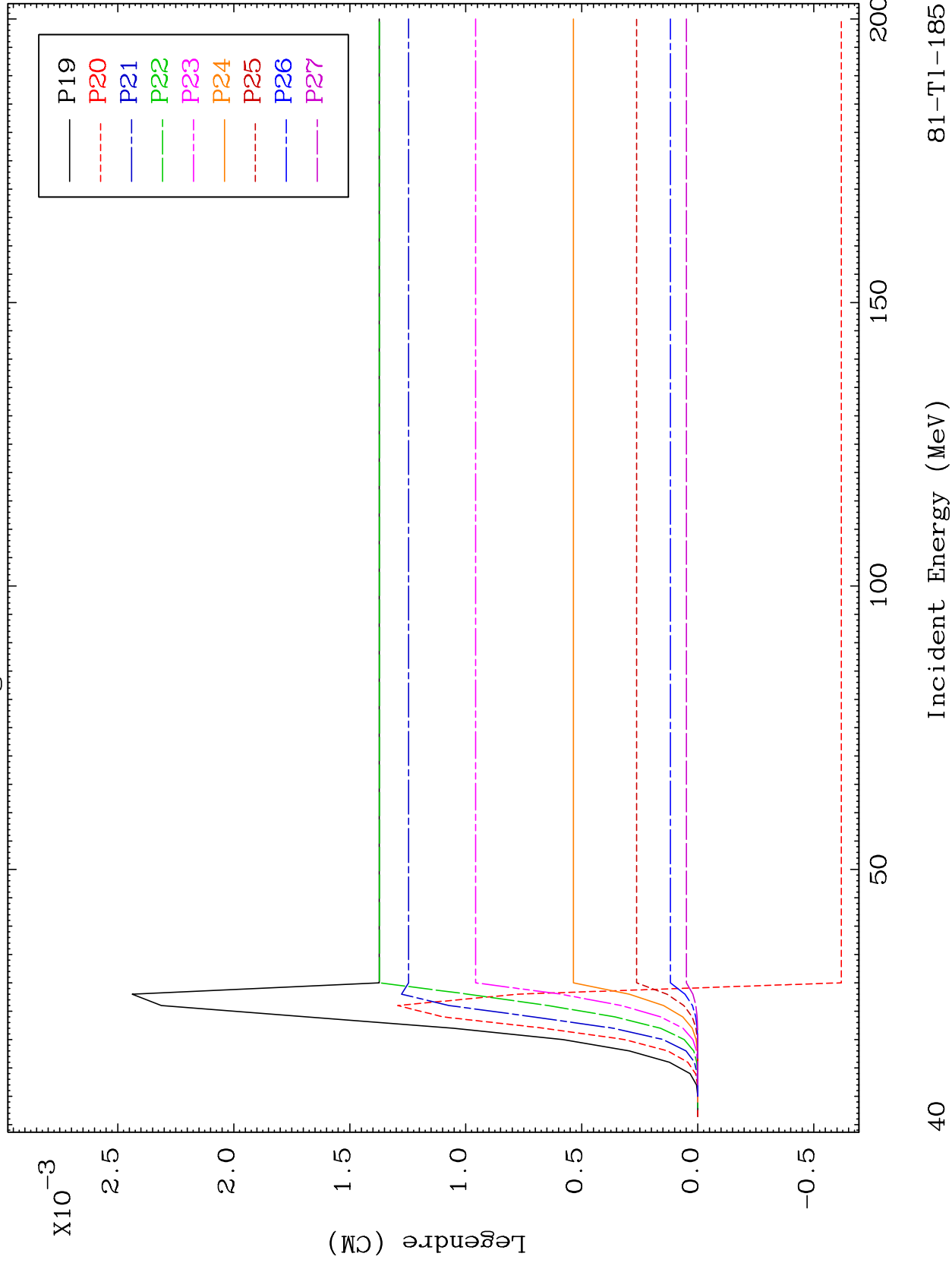
Incident Energy (MeV)

81-Tl-185

MAT 8071

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

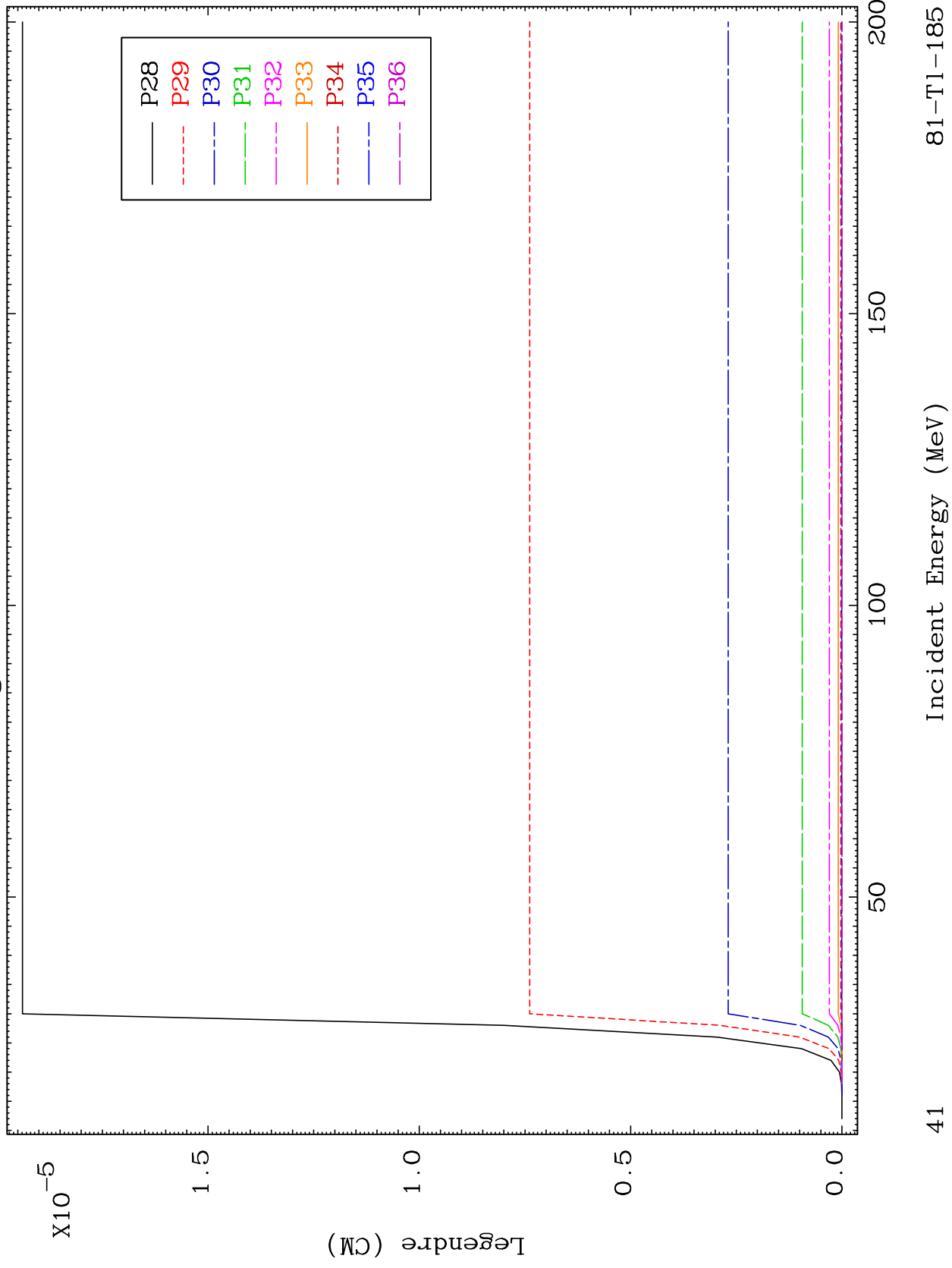
81-T1-185



MAT 8071

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

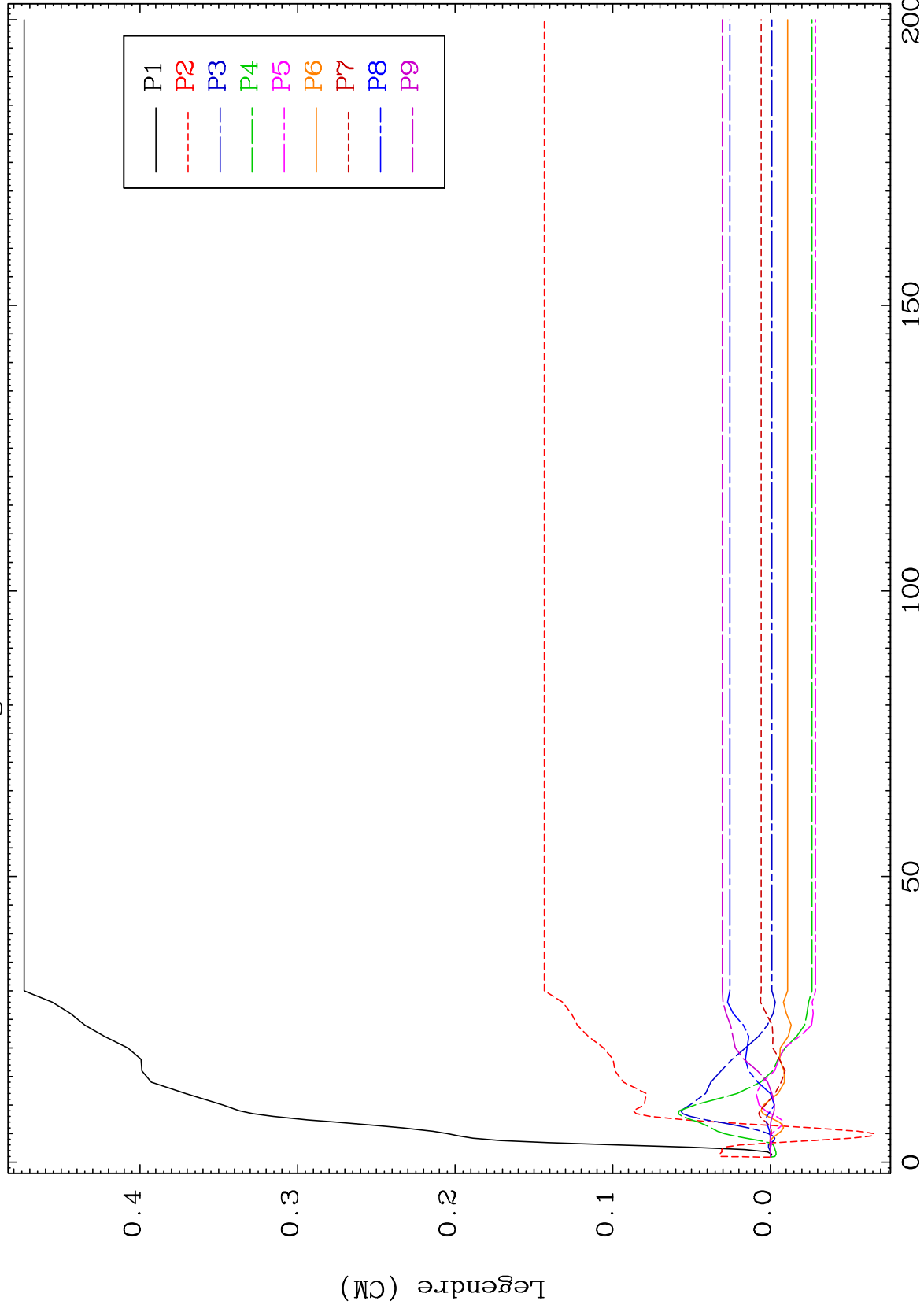
81-Tl-185



MAT 8071

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

81-T1-185



42

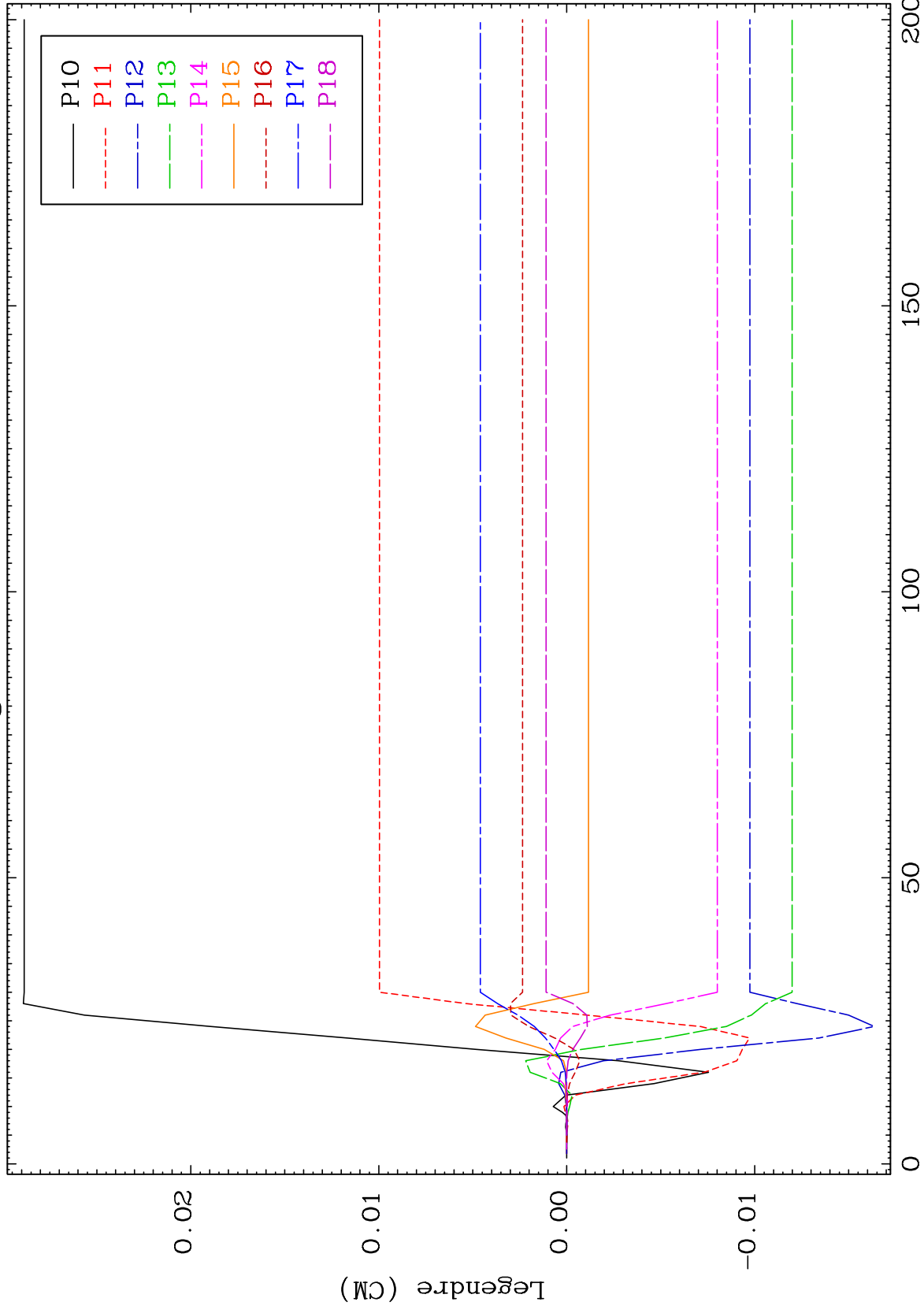
Incident Energy (MeV)

81-T1-185

MAT 8071

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

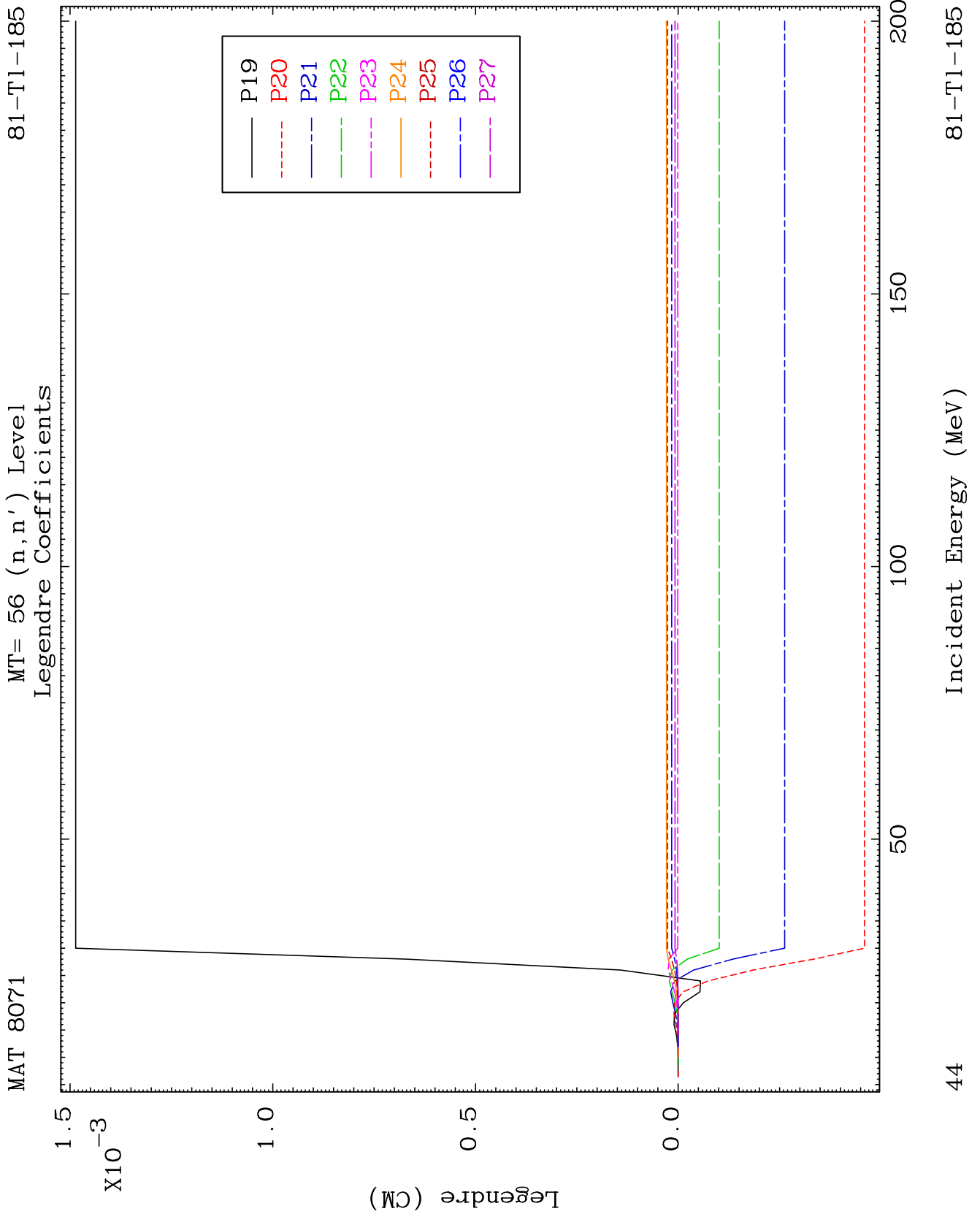
81-Tl-185



43

Incident Energy (MeV)

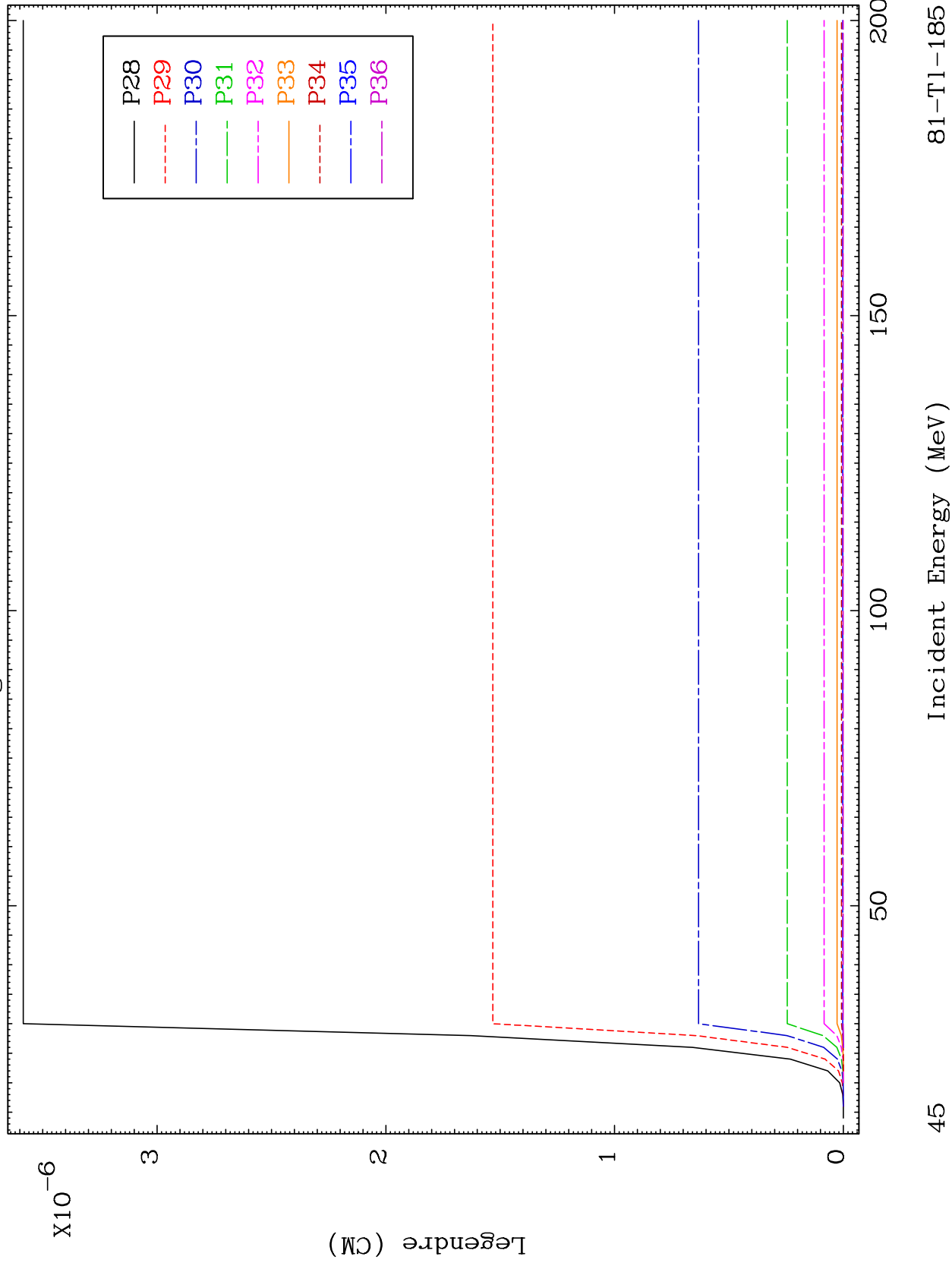
81-Tl-185



MAT 8071

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

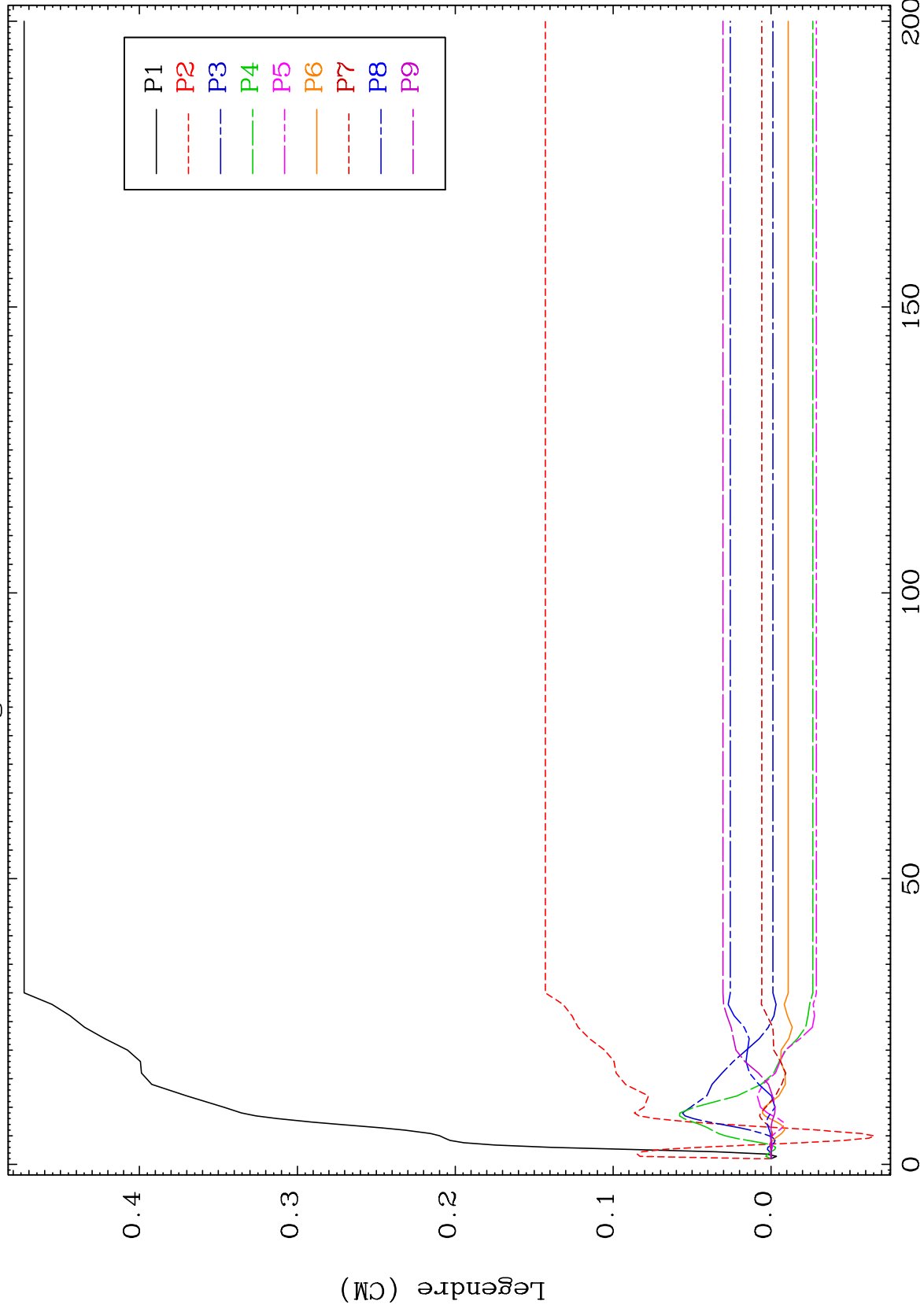
81-T1-185



MAT 8071

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

81-T1-185



46

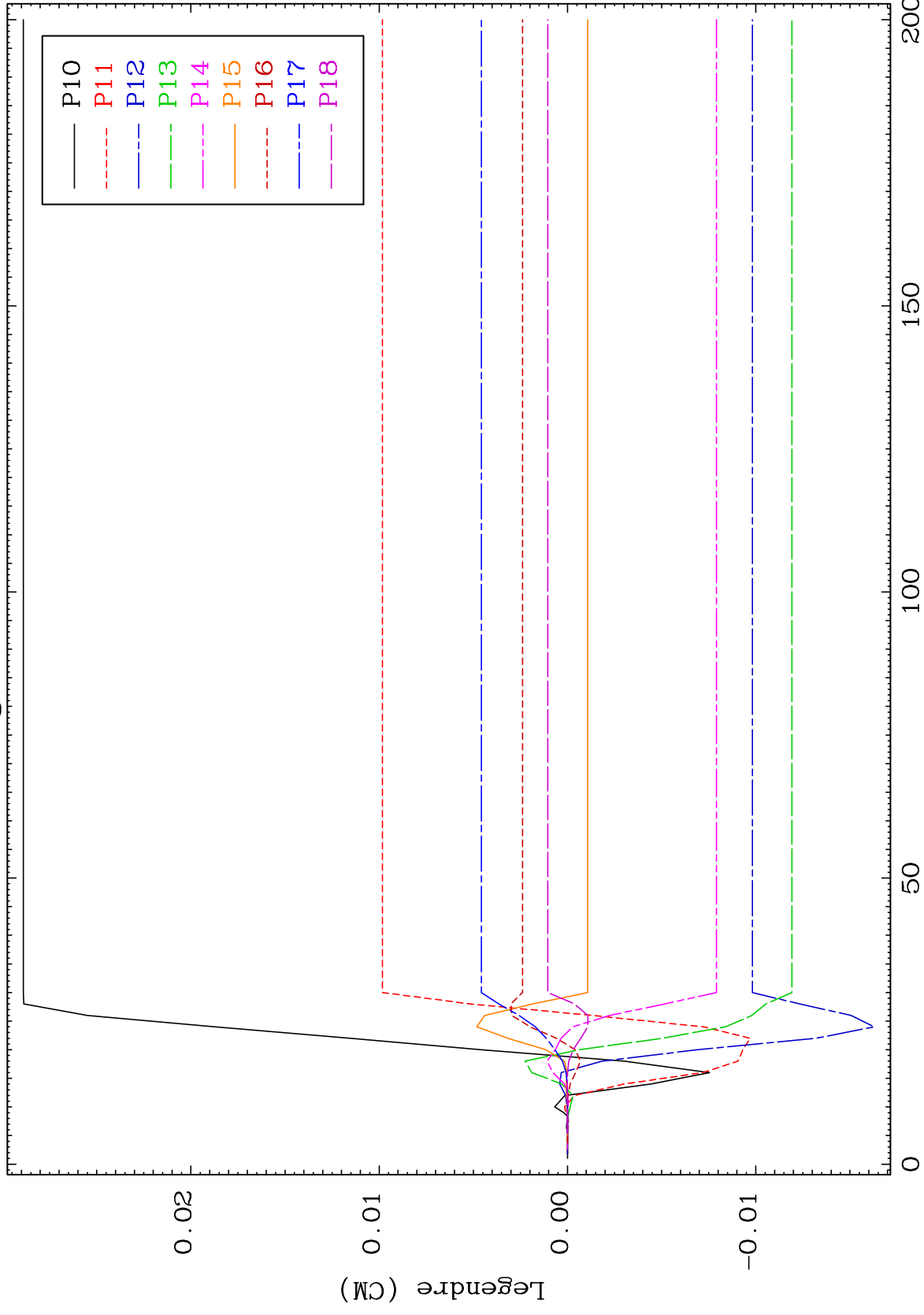
Incident Energy (MeV)

81-T1-185

MAT 8071

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

81-T1-185



47

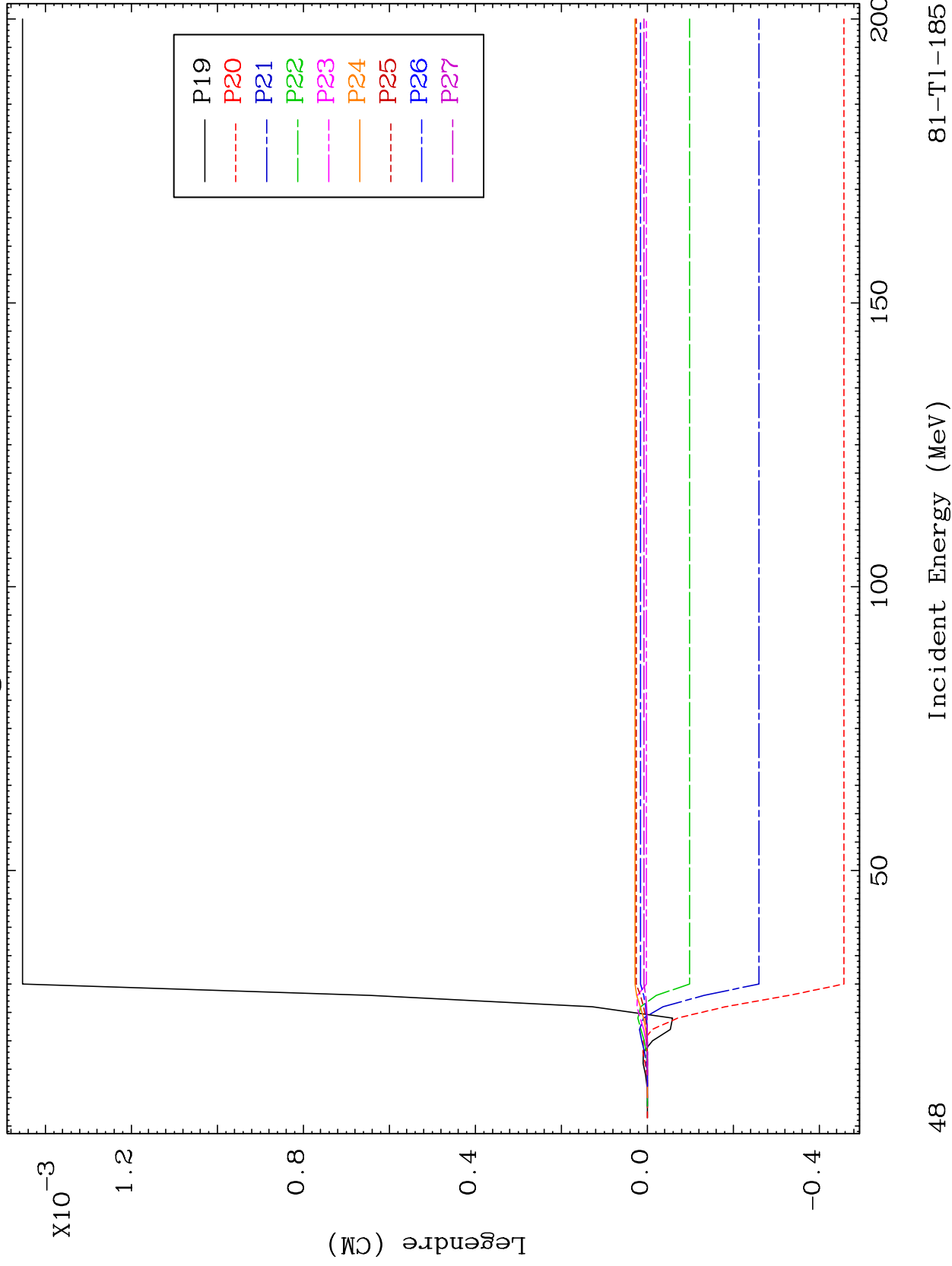
Incident Energy (MeV)

81-T1-185

MAT 8071

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

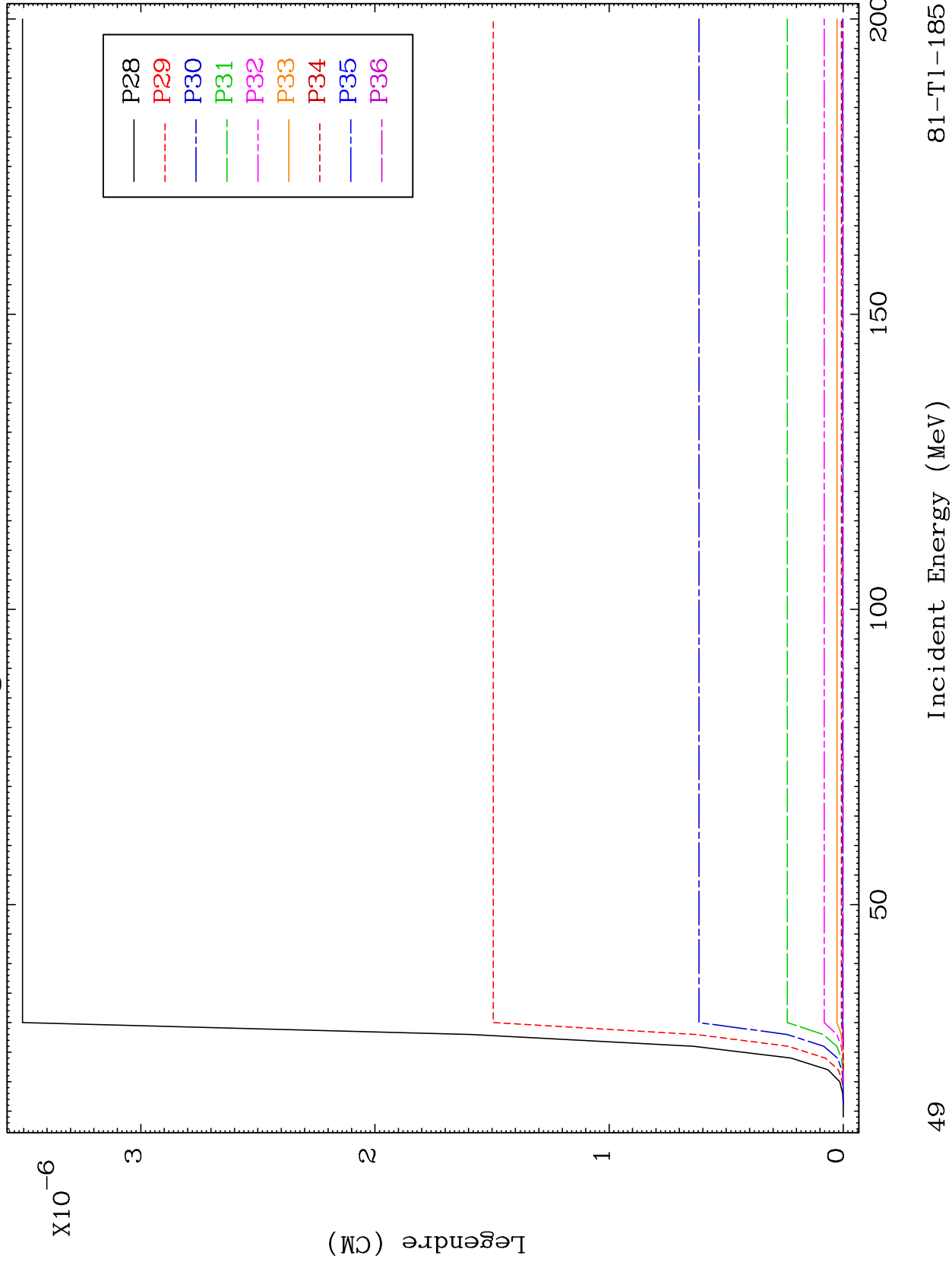
81-Tl-185



MAT 8071

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

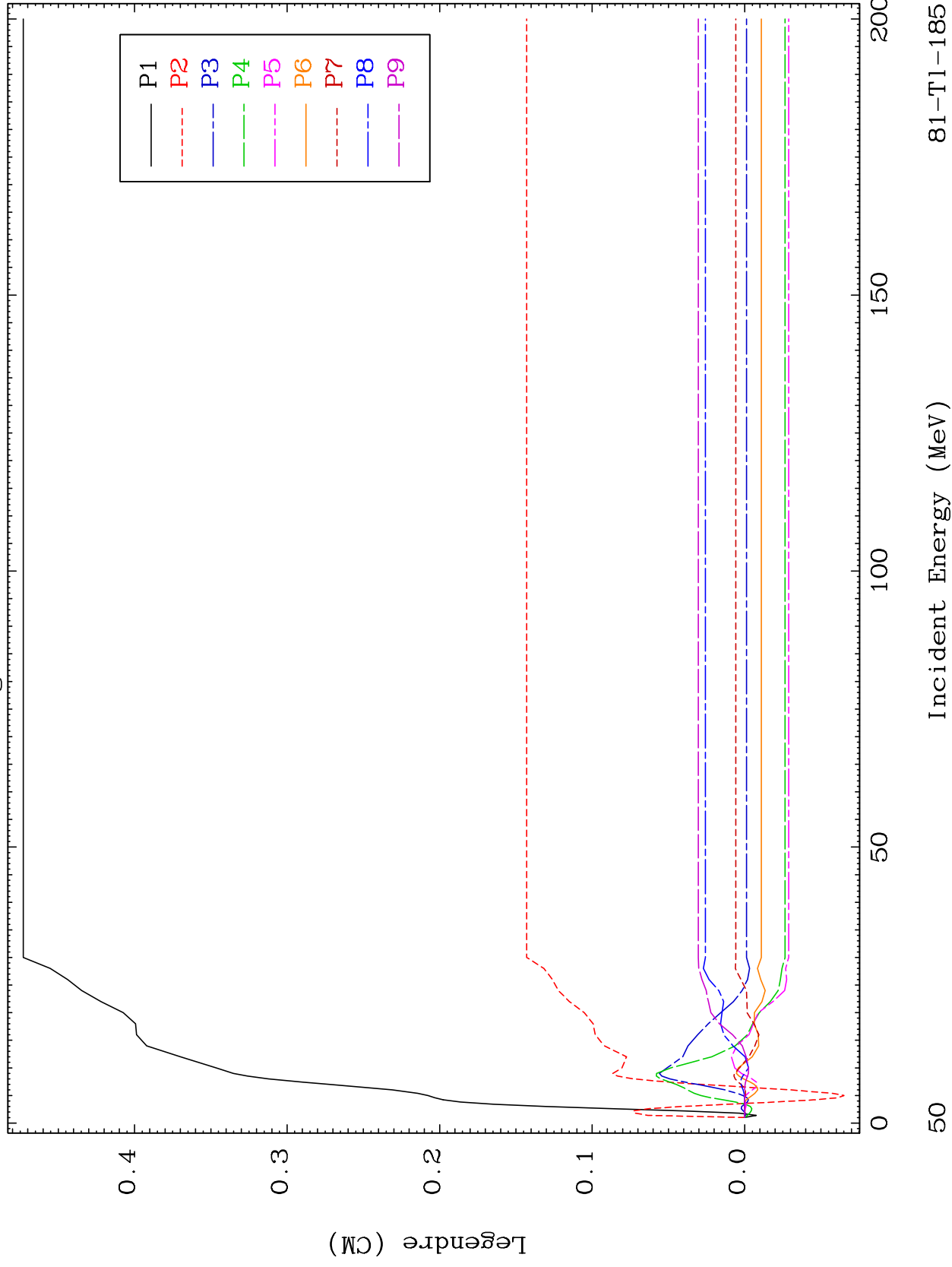
81-Tl-185



MAT 8071

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

81-T1-185



81-T1-185

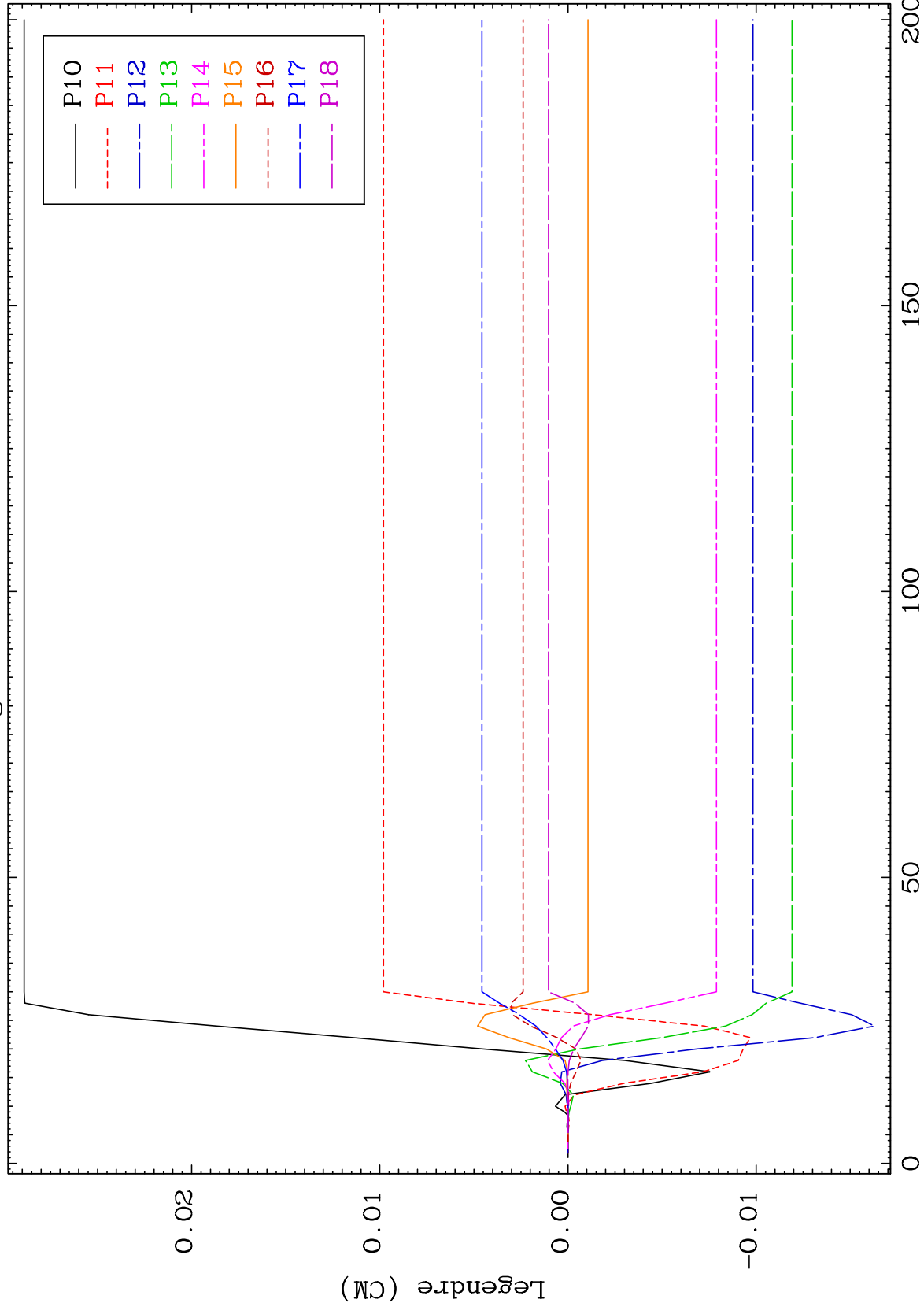
Incident Energy (MeV)

50

MAT 8071

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

81-T1-185



51

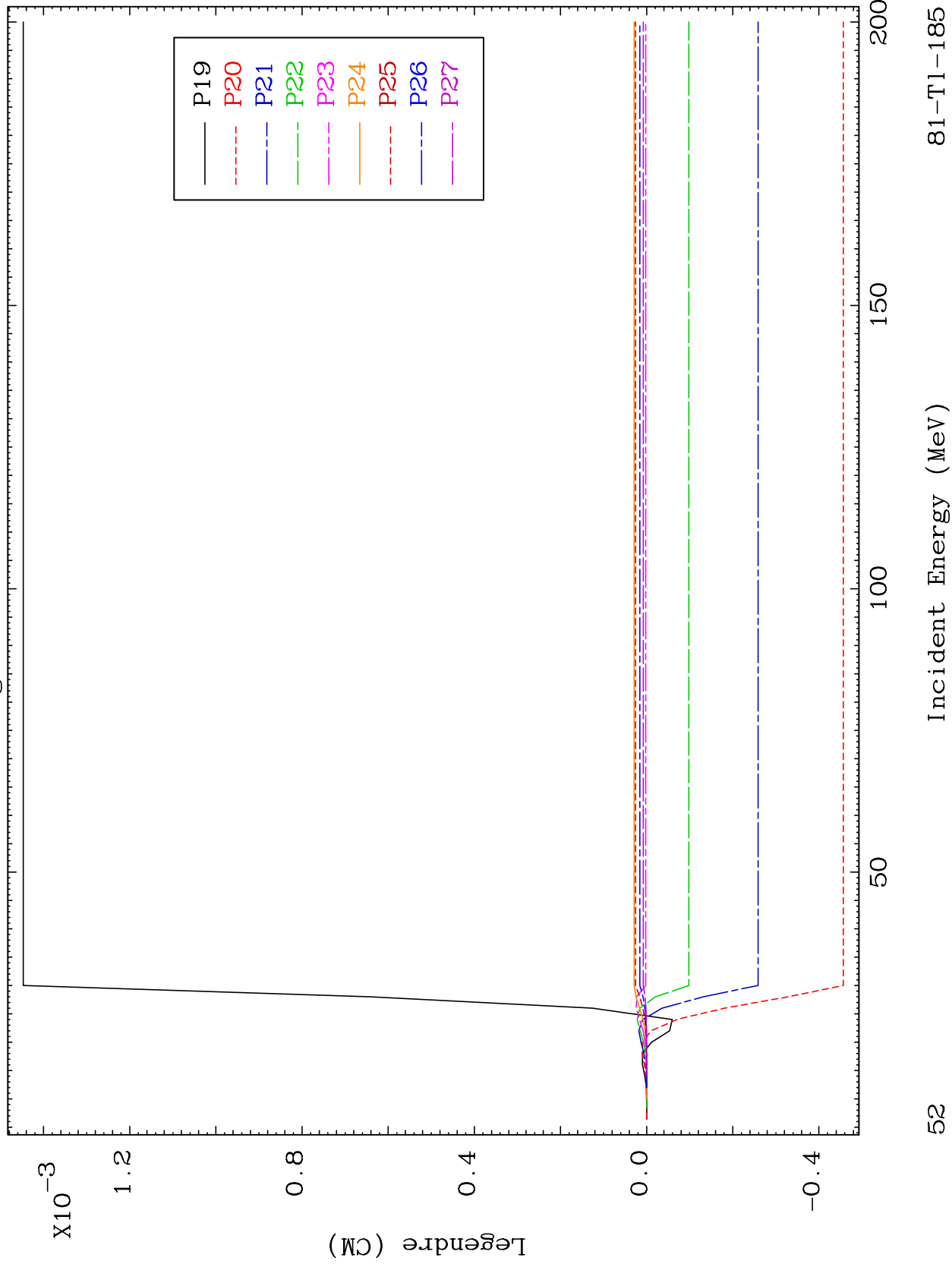
Incident Energy (MeV)

81-T1-185

MAT 8071

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

81-Tl-185



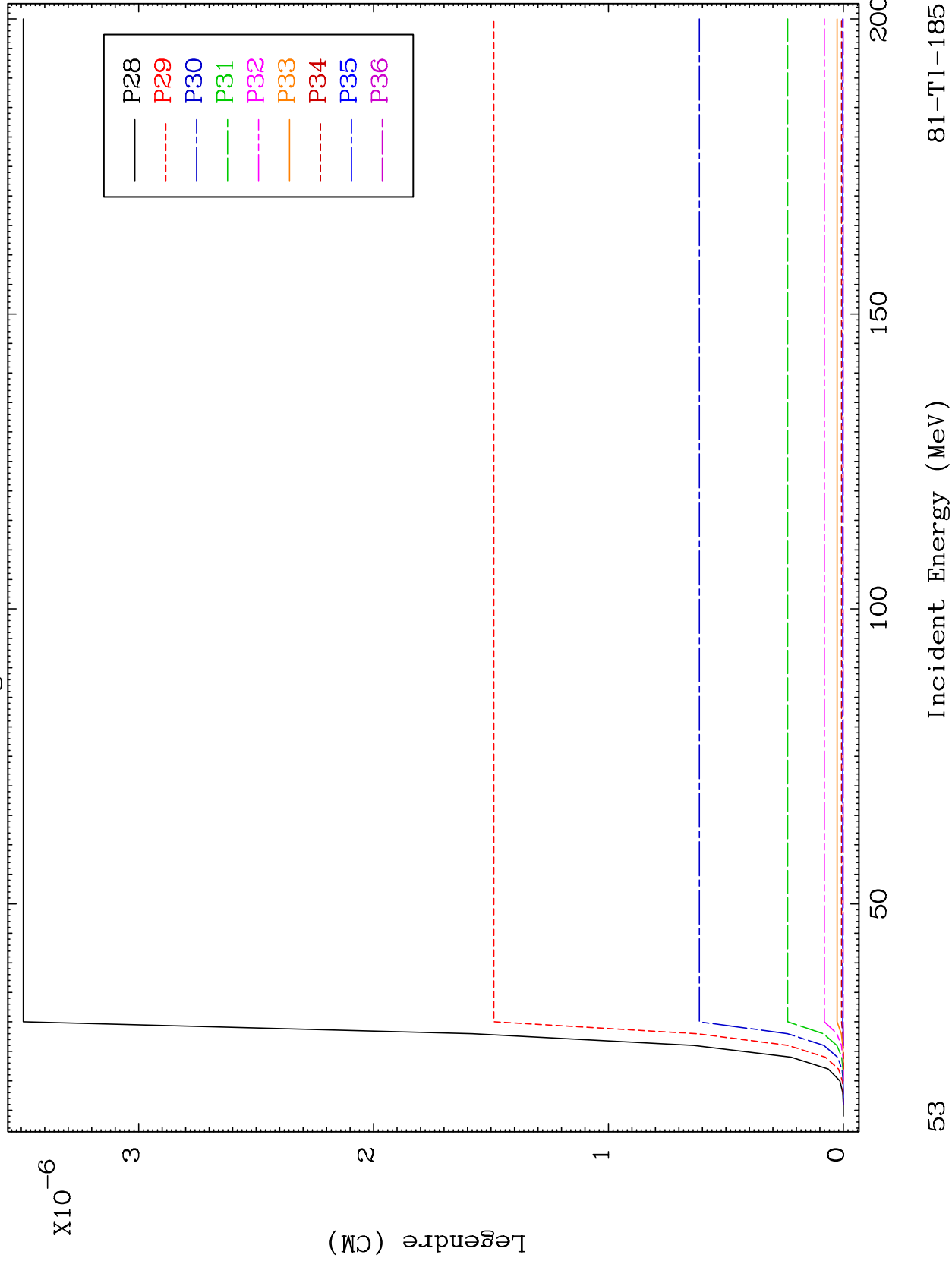
52

81-Tl-185

MAT 8071

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

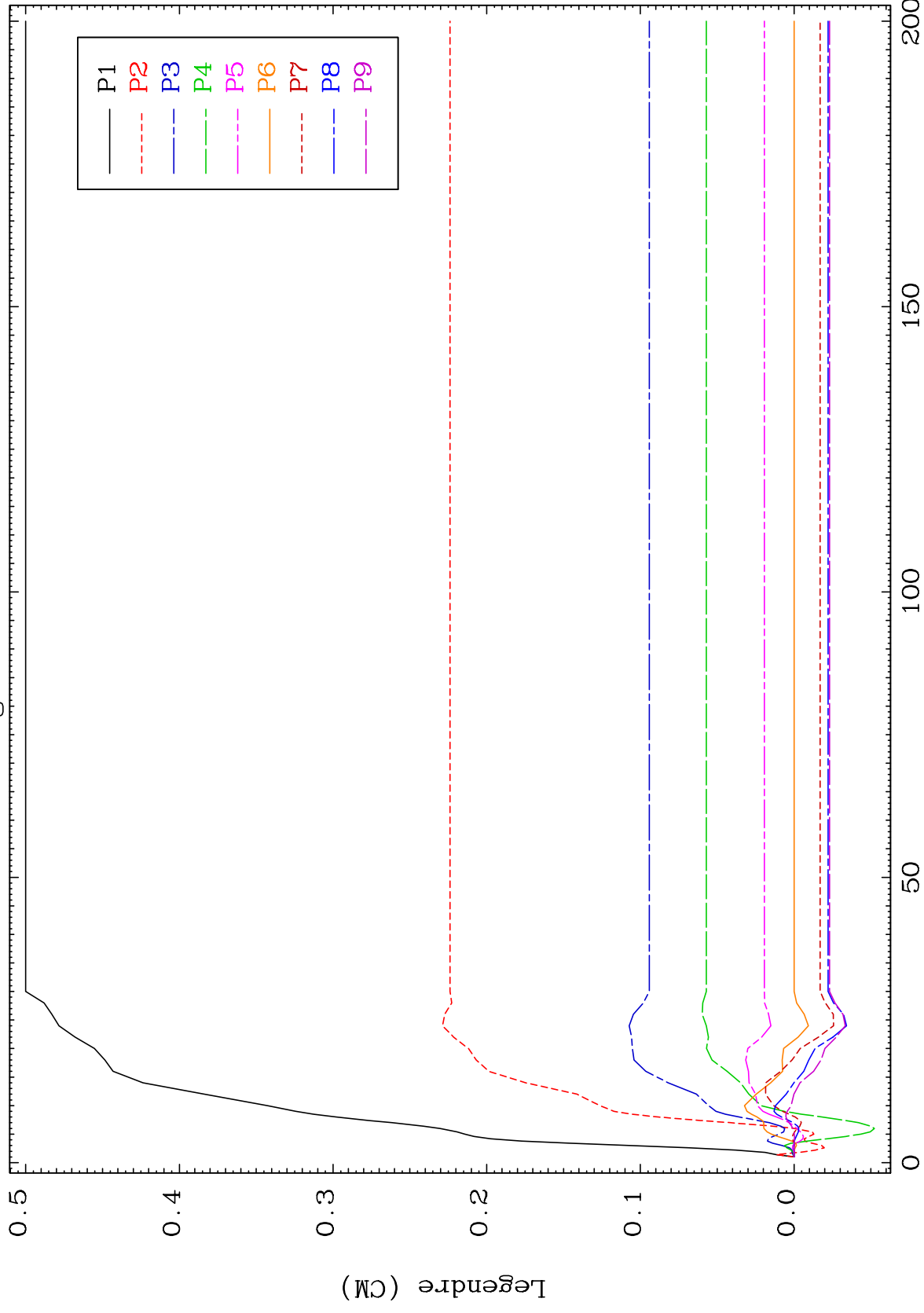
81-Tl-185



MAT 8071

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

81-T1-185



54

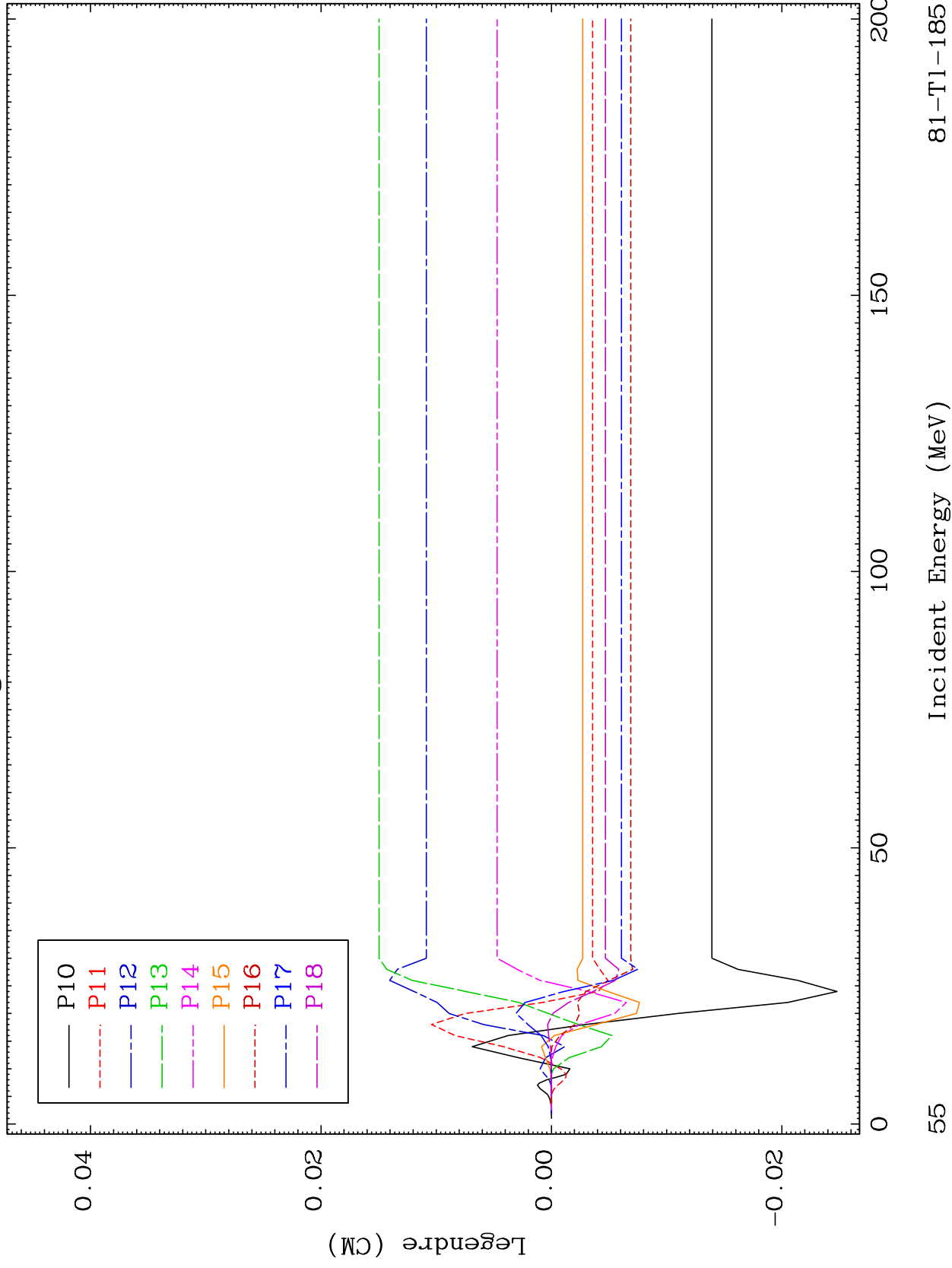
Incident Energy (MeV)

81-T1-185

MAT 8071

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

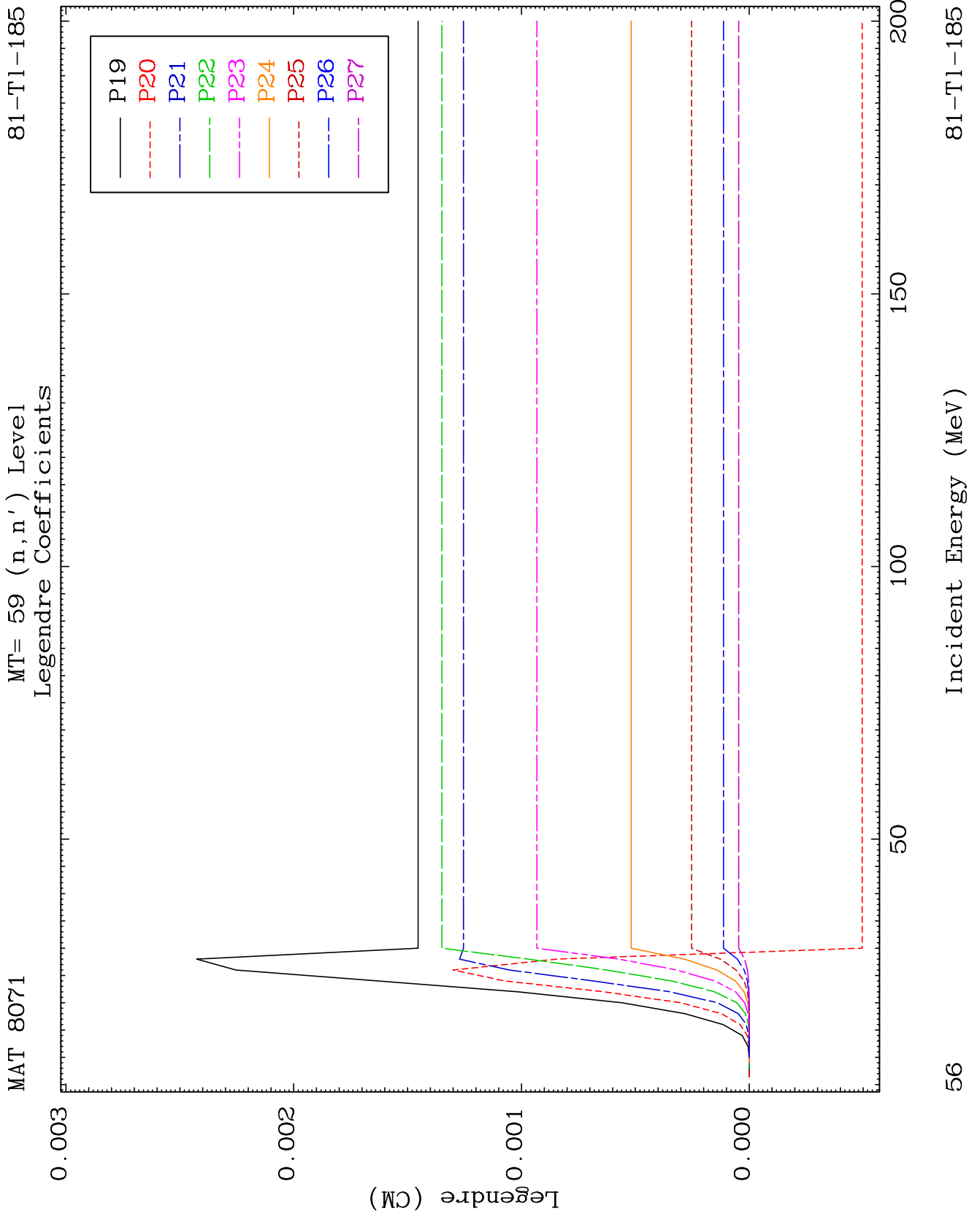
81-Tl-185



81-Tl-185

Incident Energy (MeV)

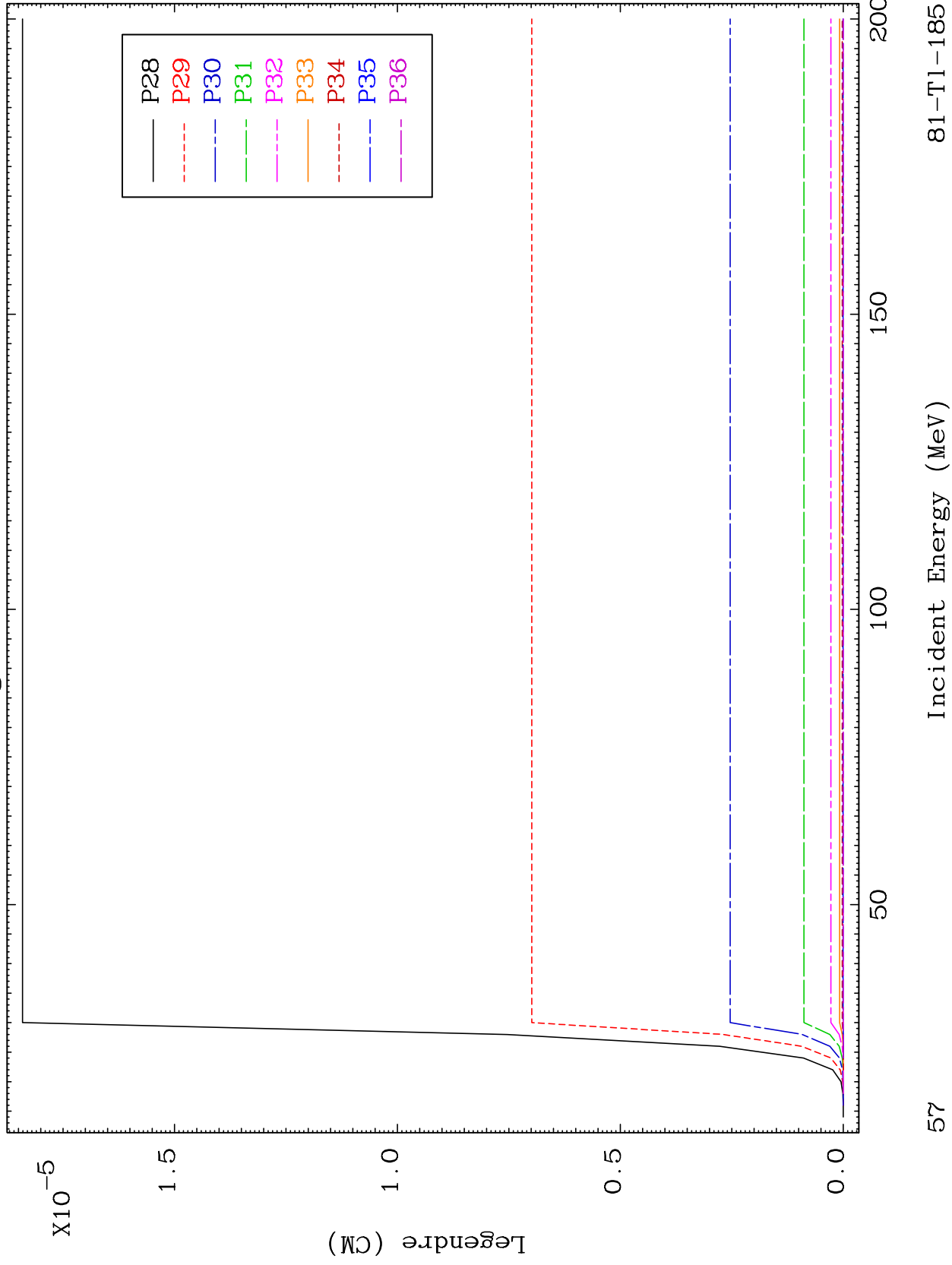
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MAT 8071

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

81-Tl-185



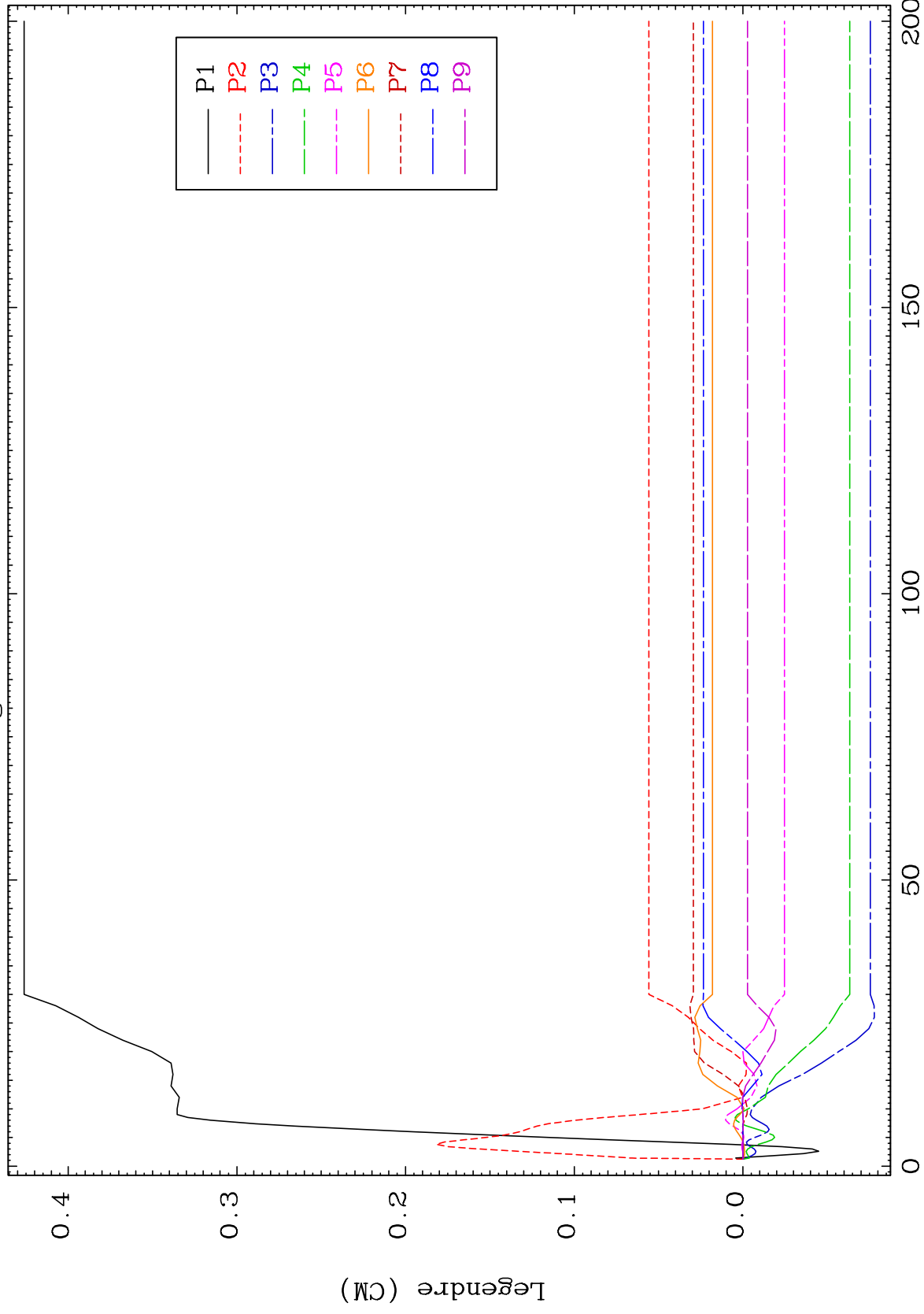
57

81-Tl-185

MAT 8071

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

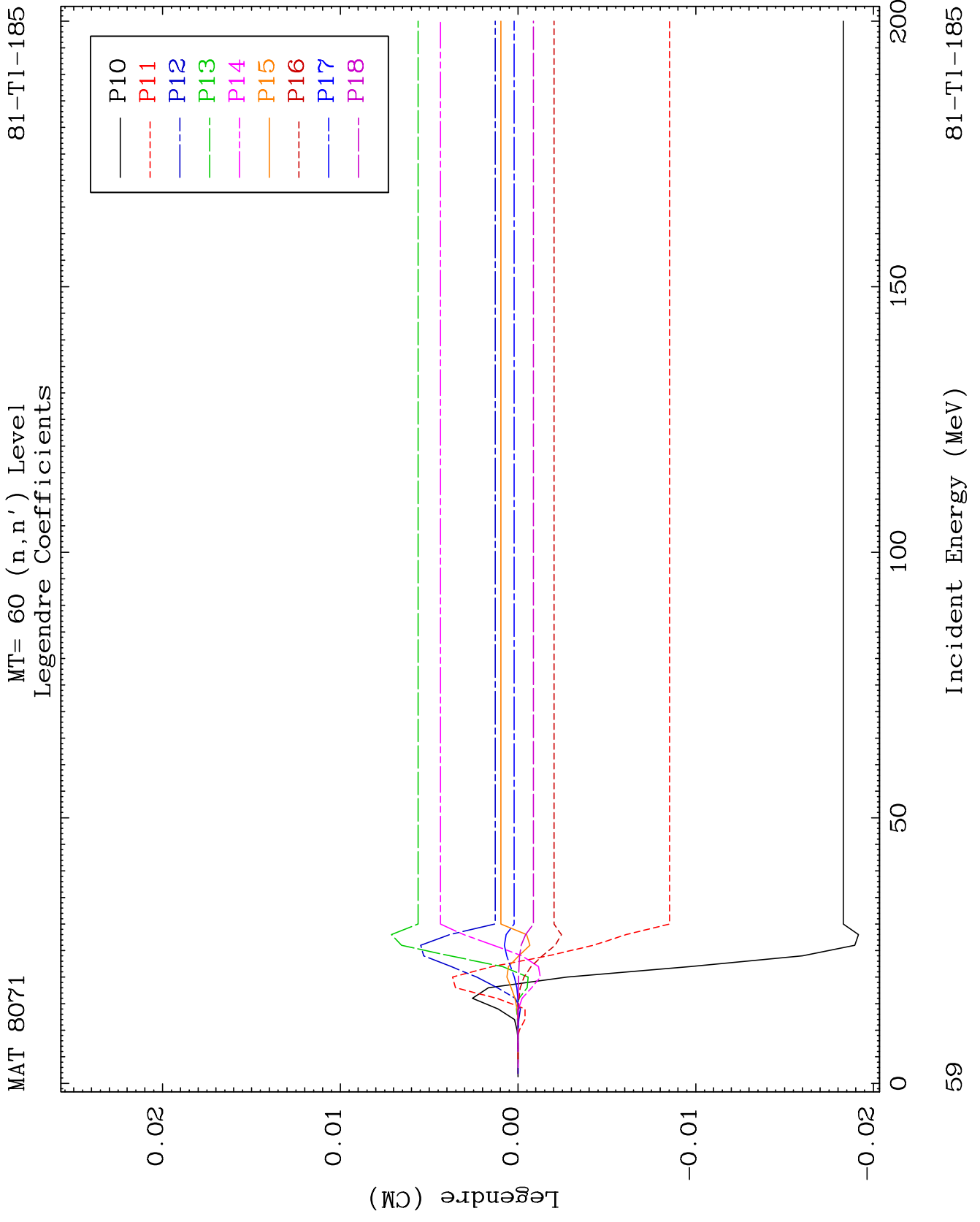
81-Tl-185



58

Incident Energy (MeV)

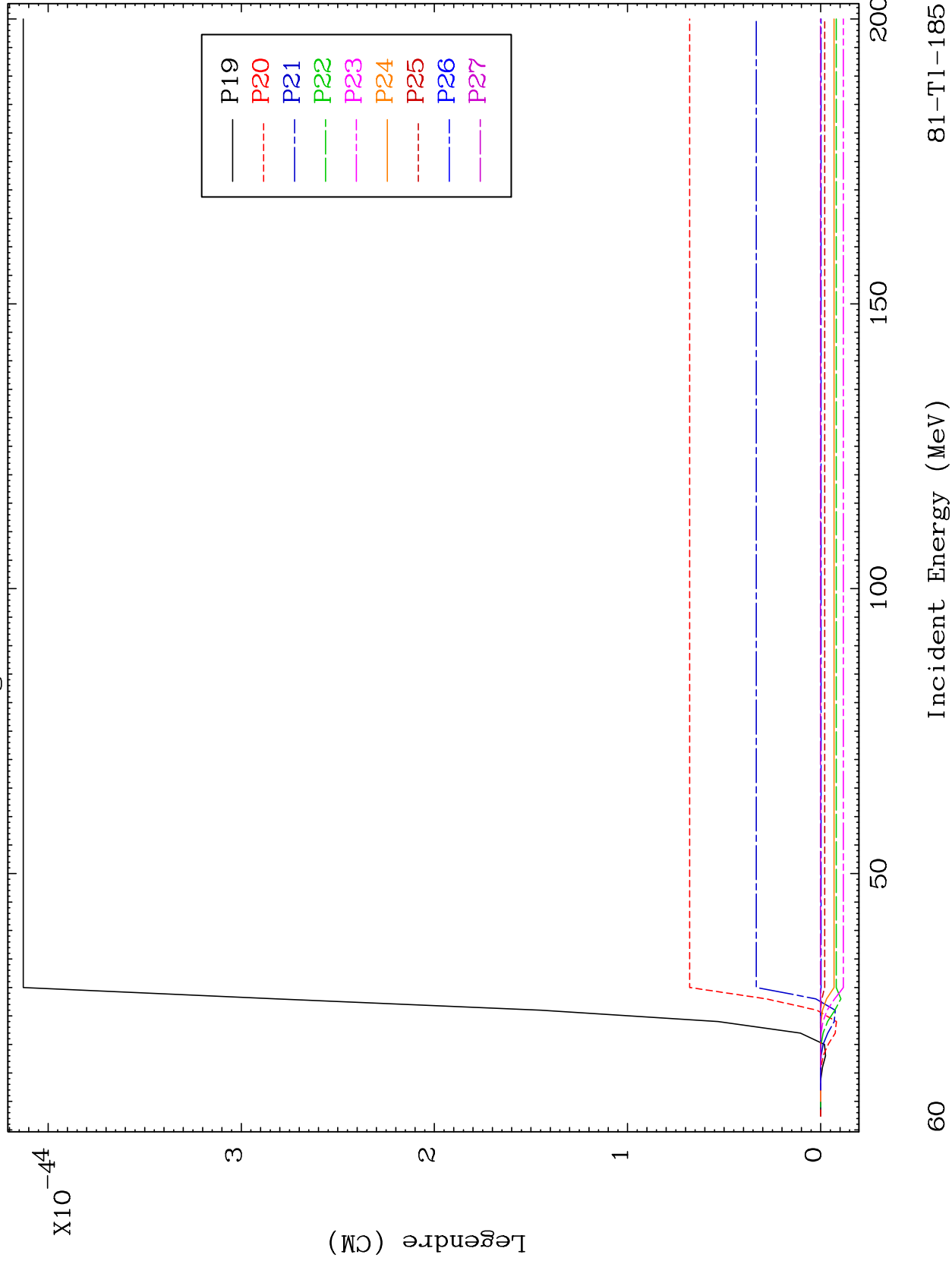
81-Tl-185



MAT 8071

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

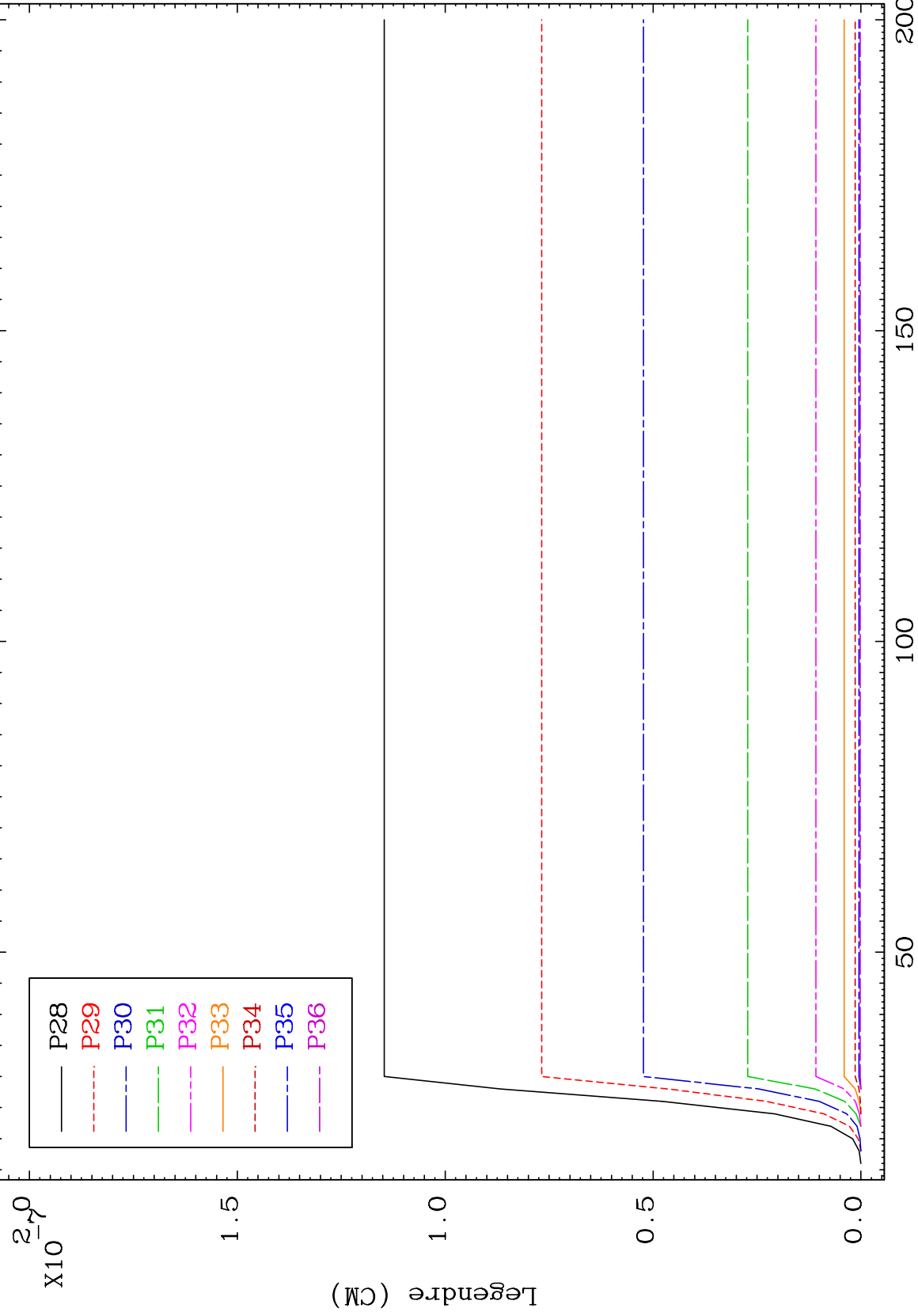
81-Tl-185



MAT 8071

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

81-Tl-185



61

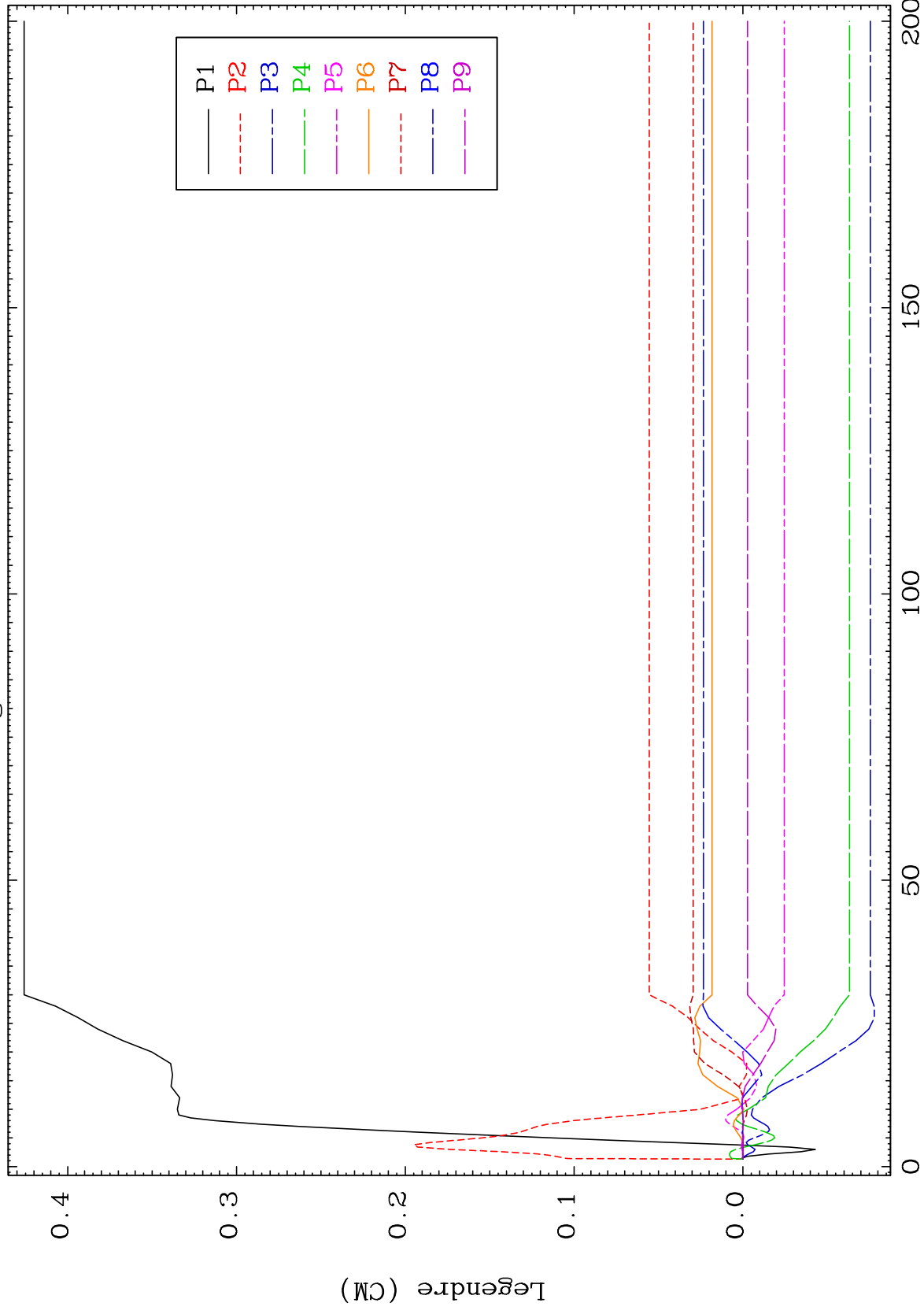
Incident Energy (MeV)

81-Tl-185

MAT 8071

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

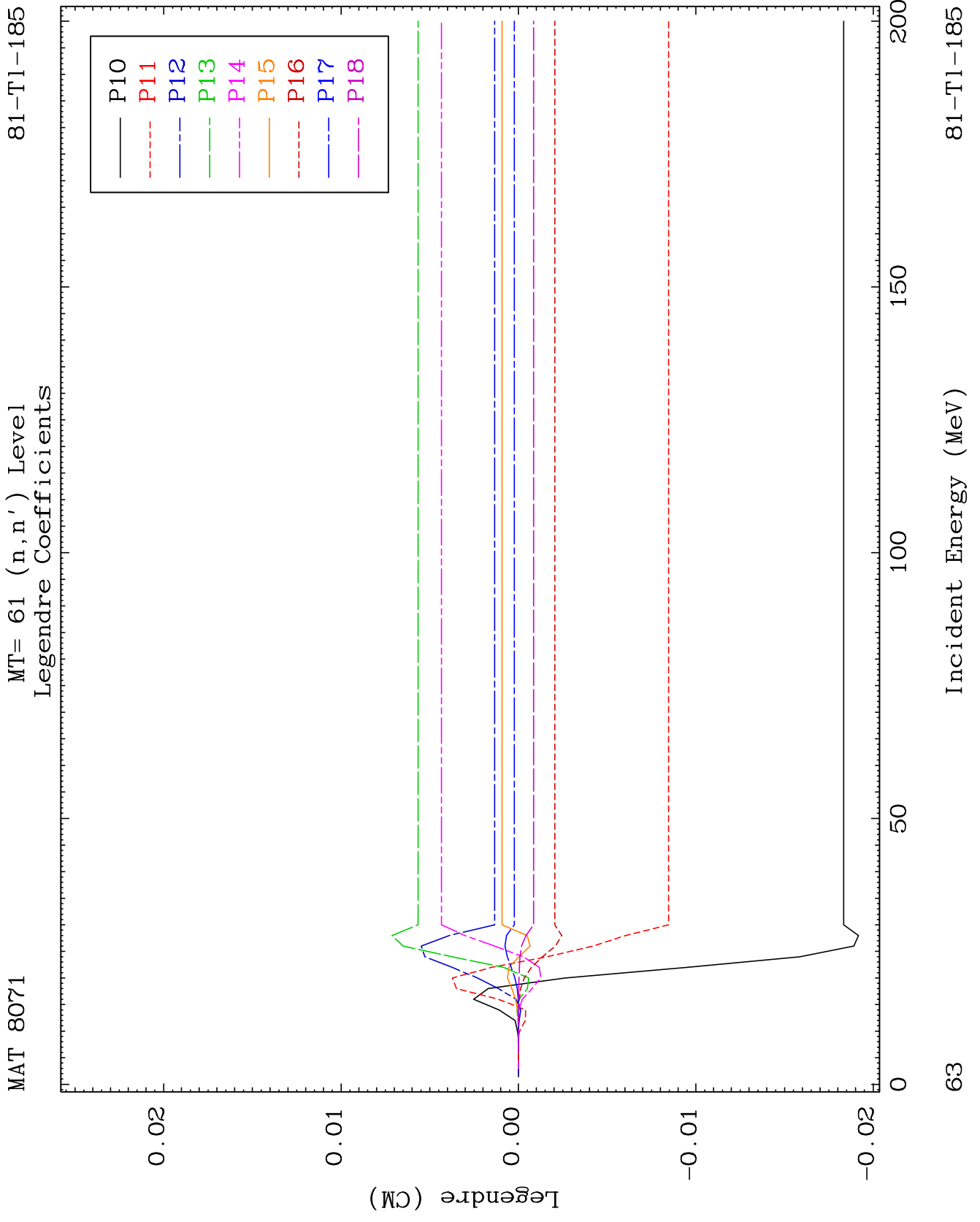
81-Tl-185



62

Incident Energy (MeV)

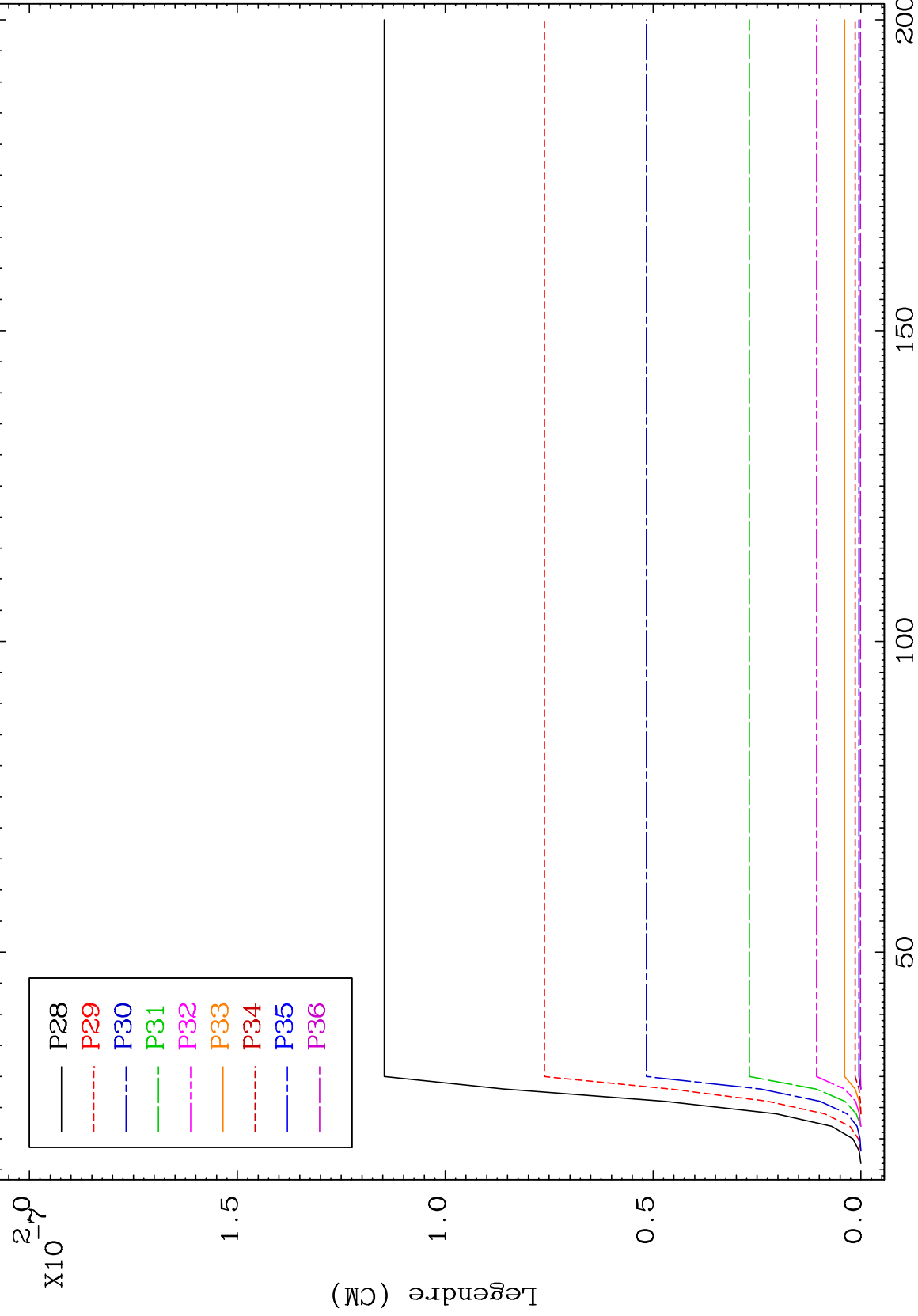
81-Tl-185



MAT 8071

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

81-Tl-185



65

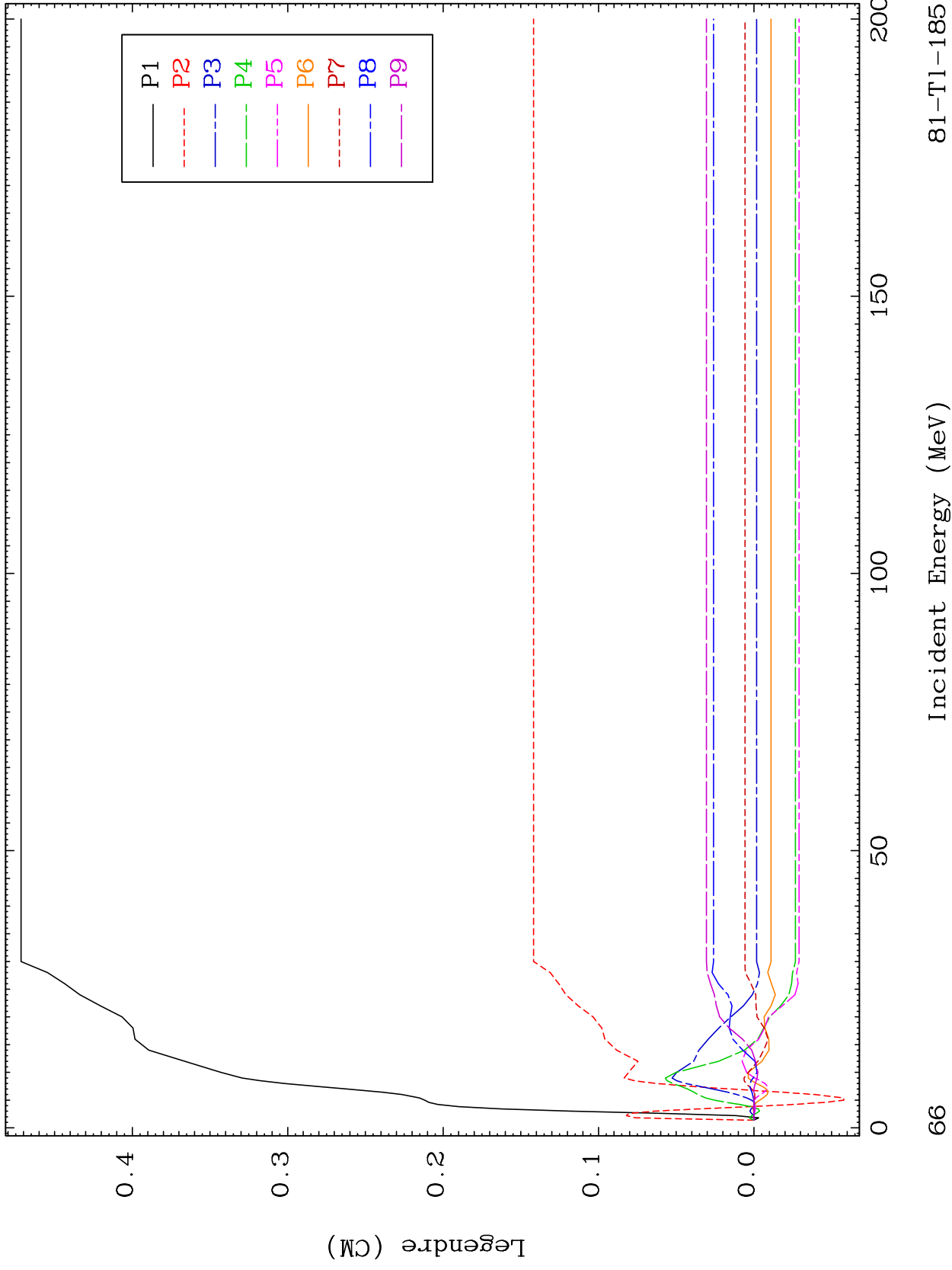
Incident Energy (MeV)

81-Tl-185

MAT 8071

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

81-Tl-185



81-Tl-185

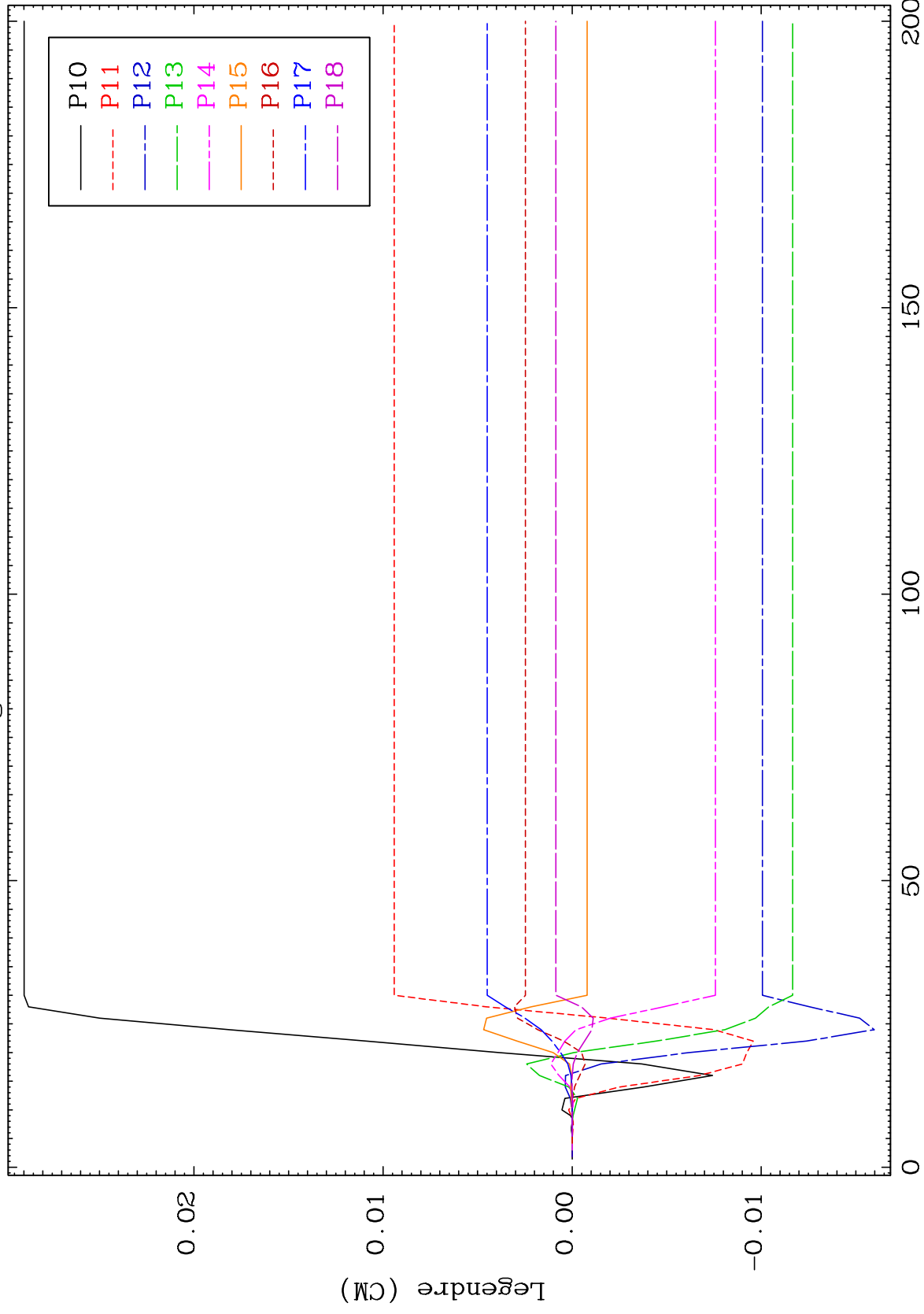
Incident Energy (MeV)

66

MAT 8071

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

81-Tl-185



67

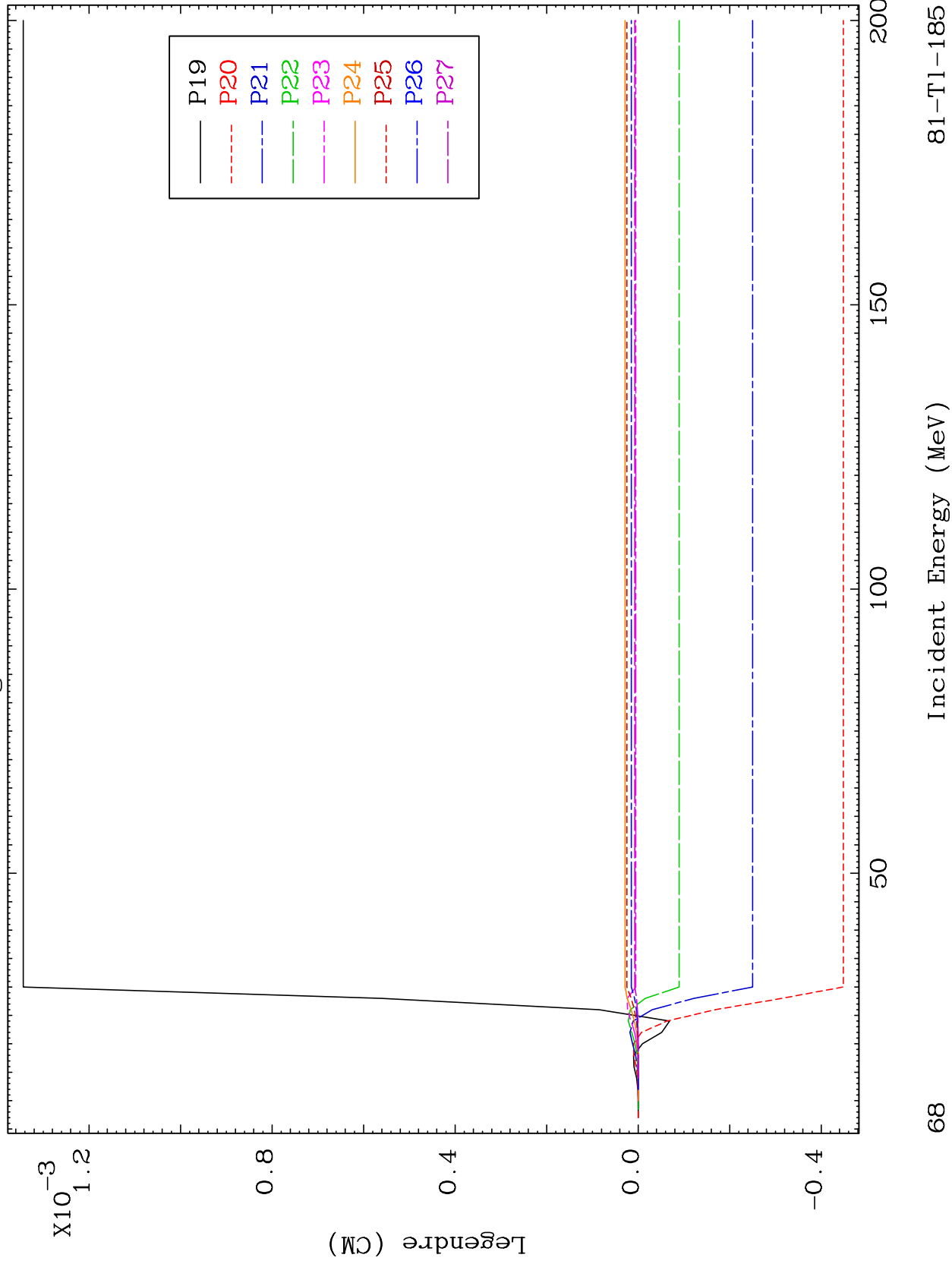
Incident Energy (MeV)

81-Tl-185

MAT 8071

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

81-Tl-185



68

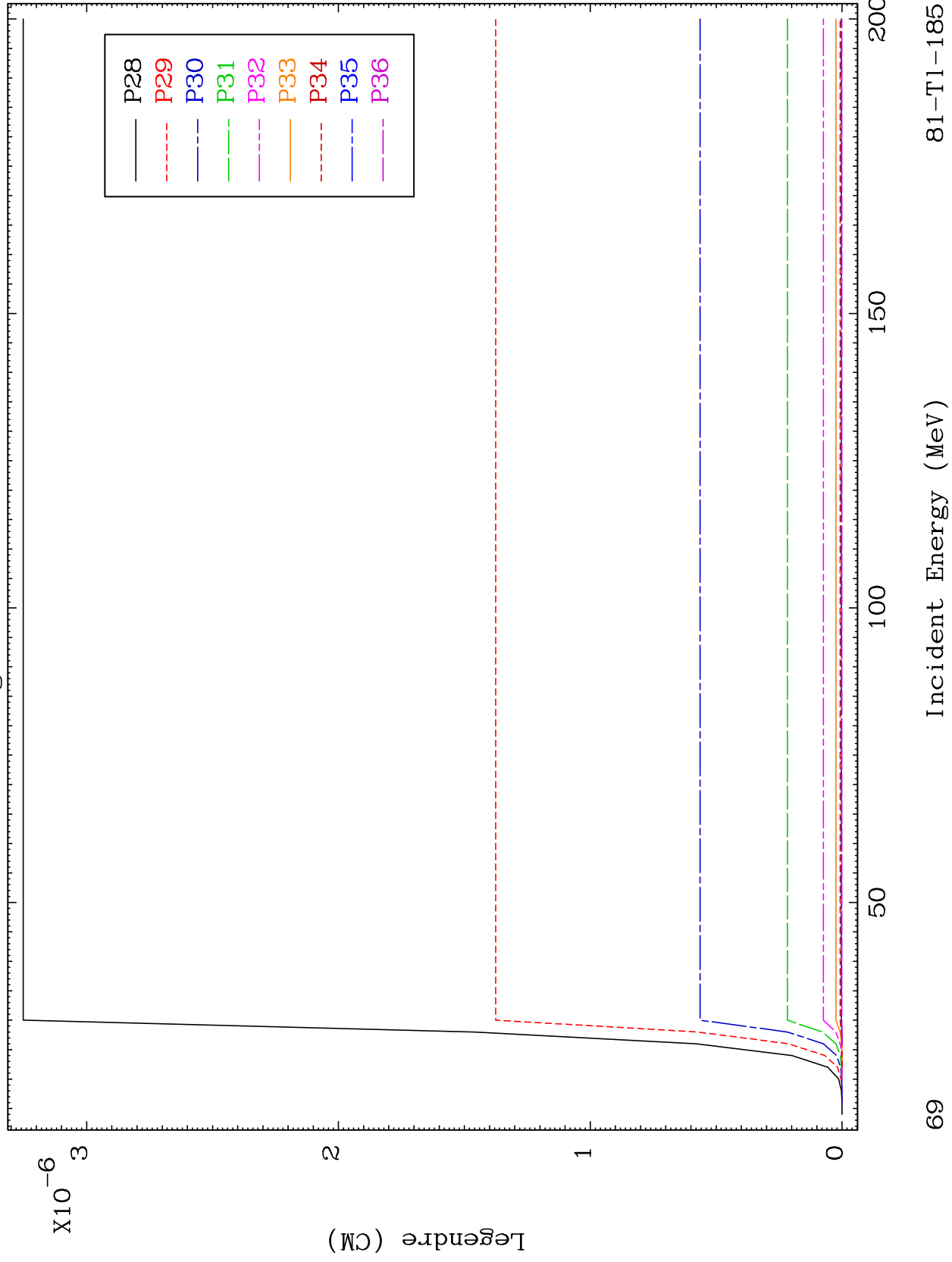
Incident Energy (MeV)

81-Tl-185

MAT 8071

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

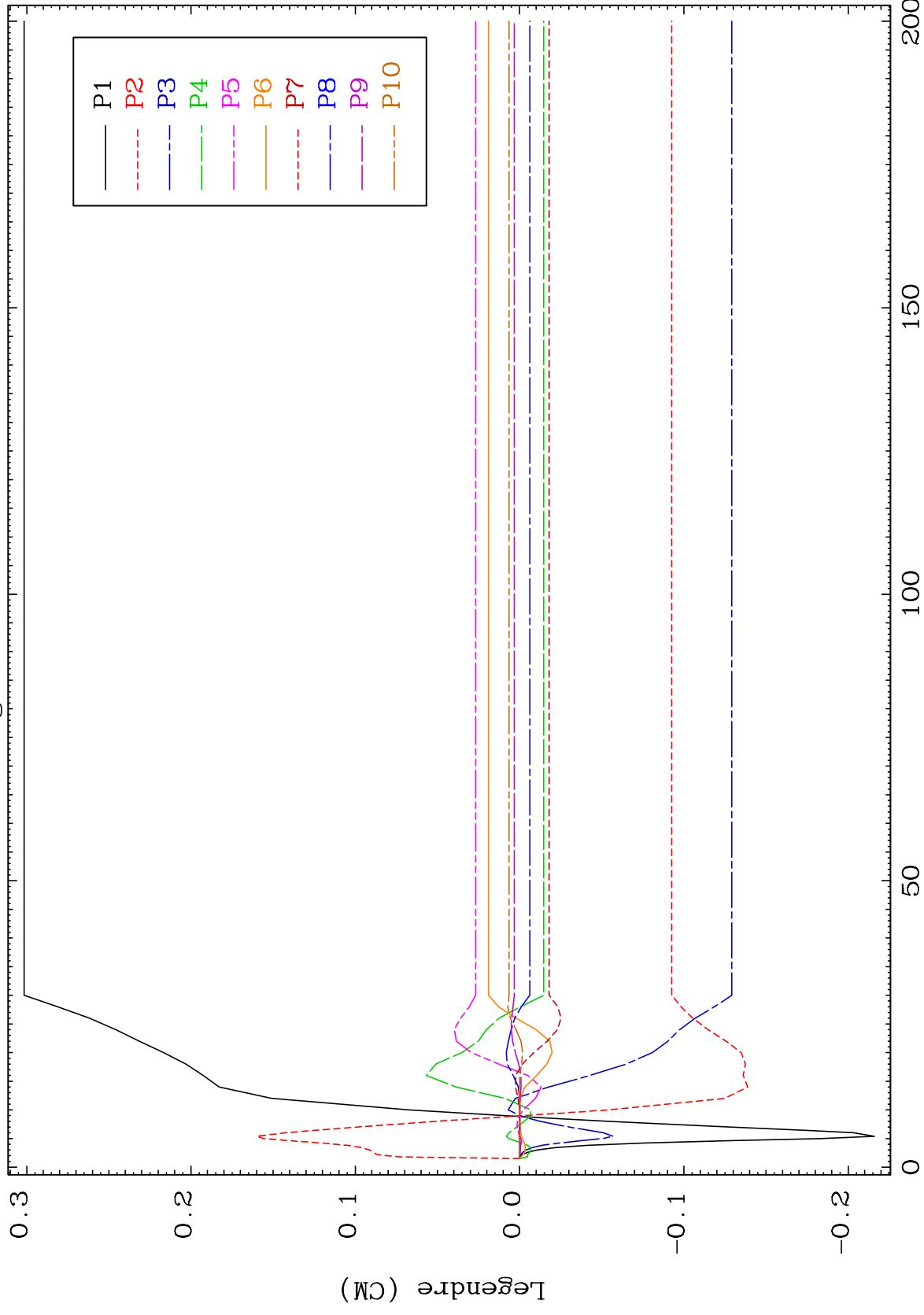
81-Tl-185



MAT 8071

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

81-Tl-185



81-Tl-185

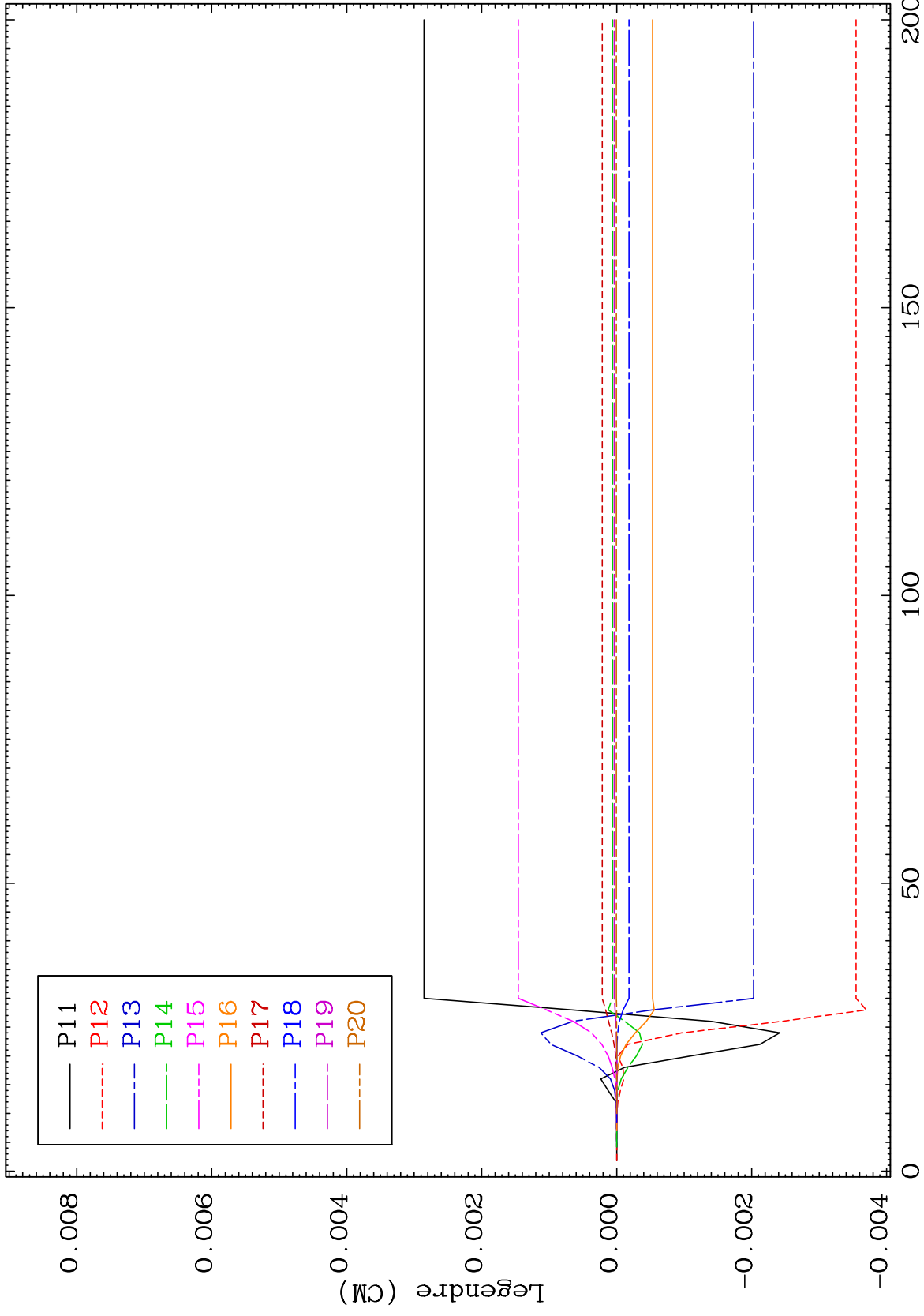
Incident Energy (MeV)

70

MAT 8071

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

81-T1-185



71

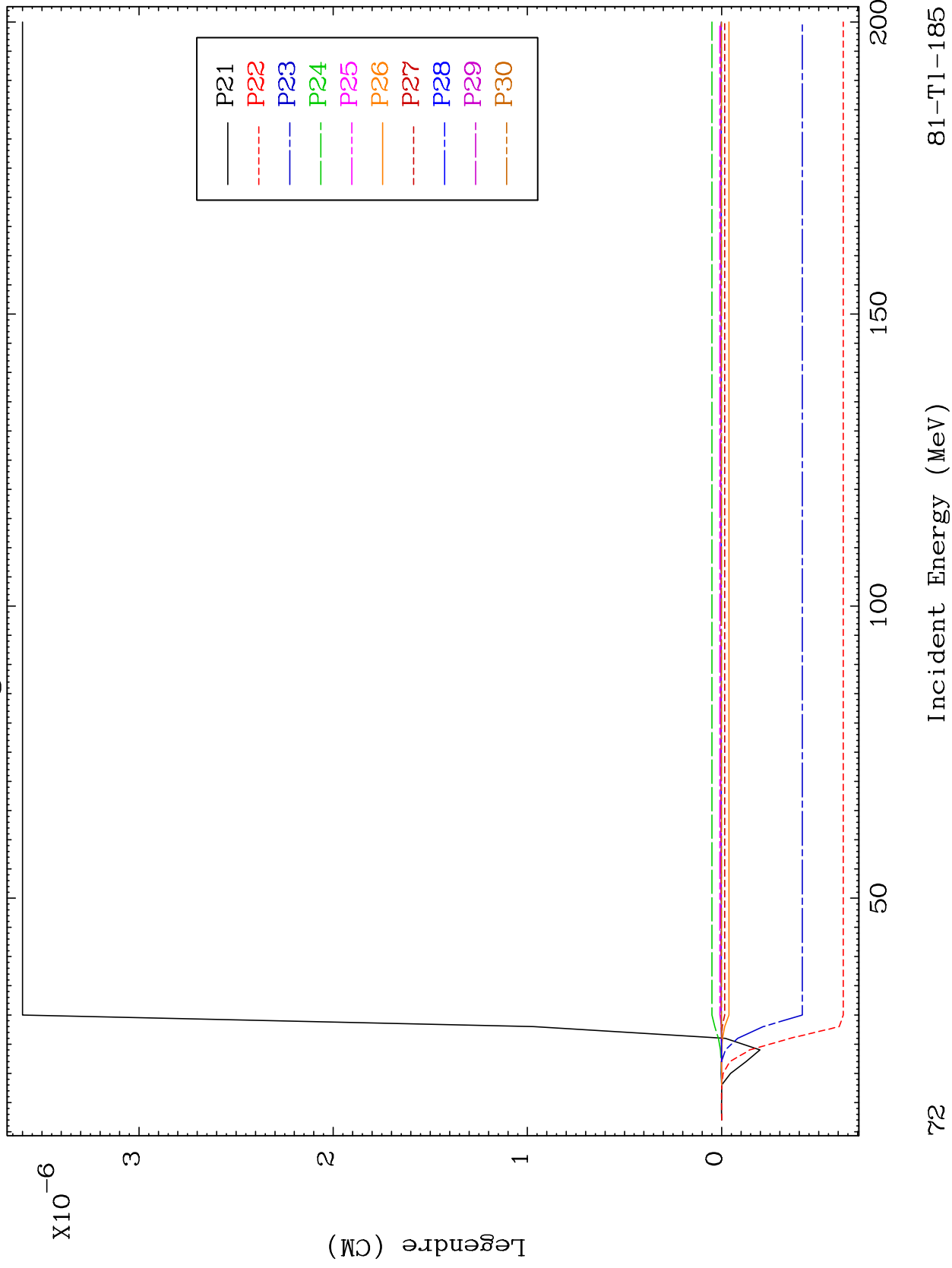
Incident Energy (MeV)

81-T1-185

MAT 8071

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

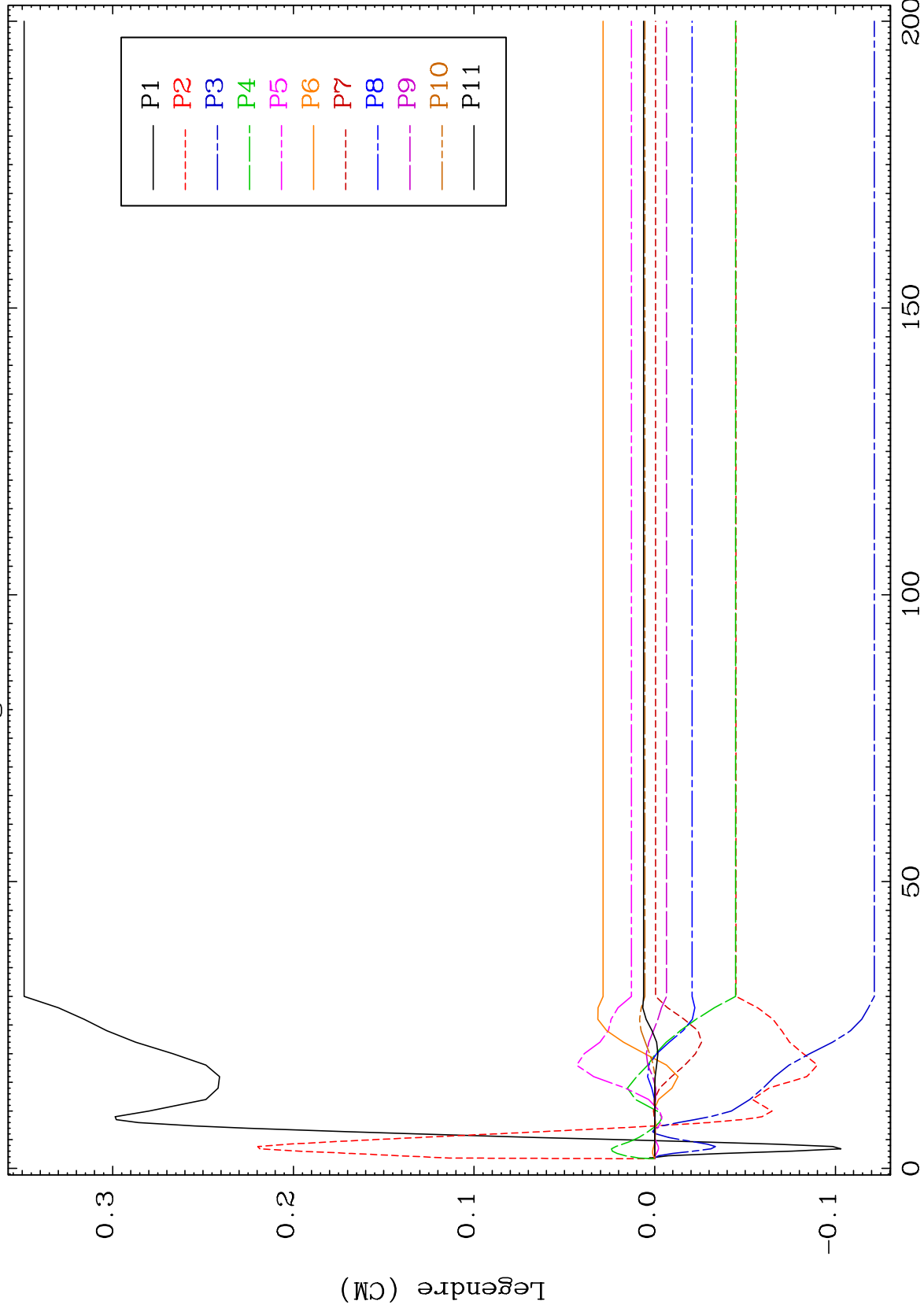
81-Tl-185



MAT 8071

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

81-Tl-185



73

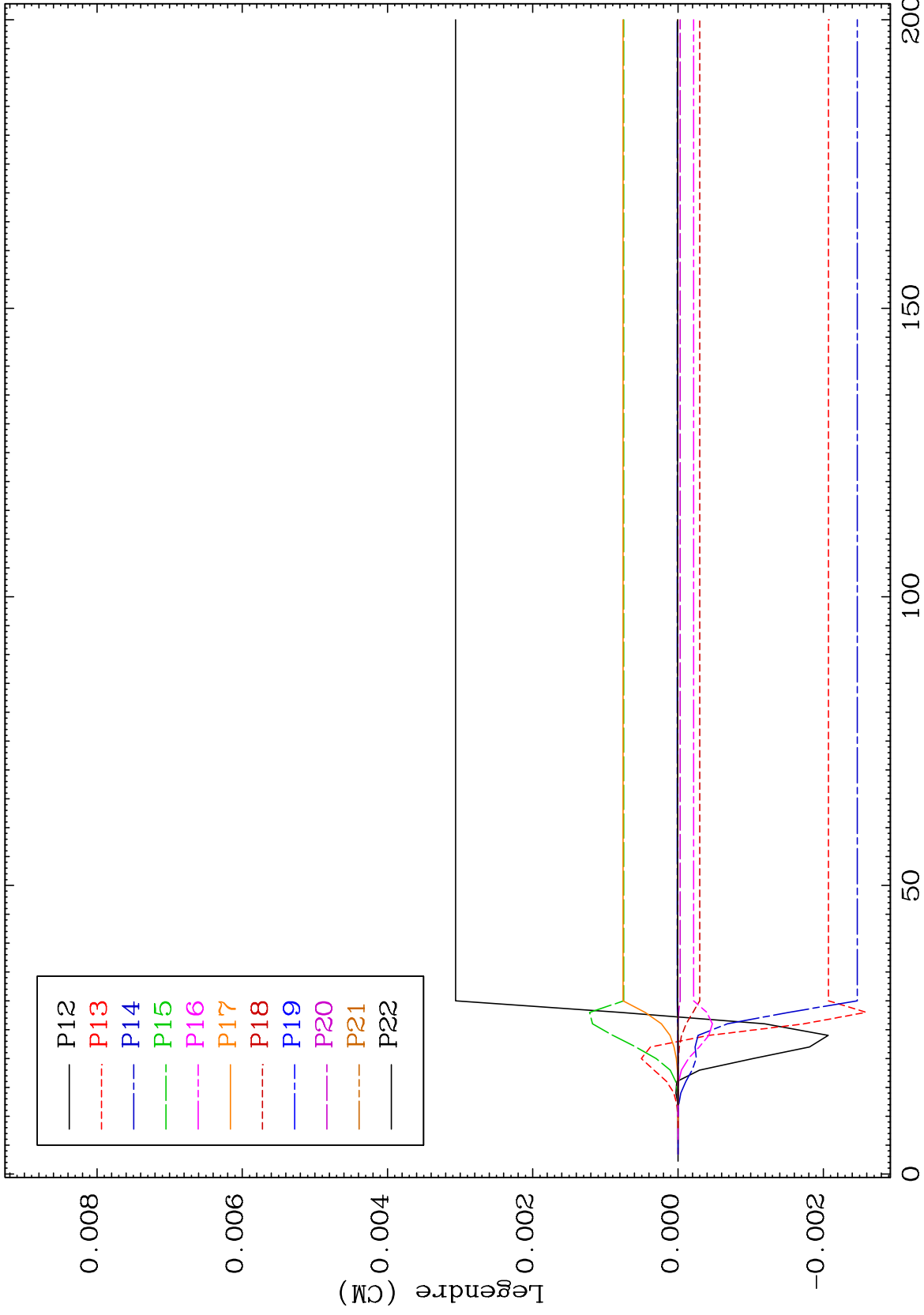
Incident Energy (MeV)

81-Tl-185

MAT 8071

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

81-Tl-185



74

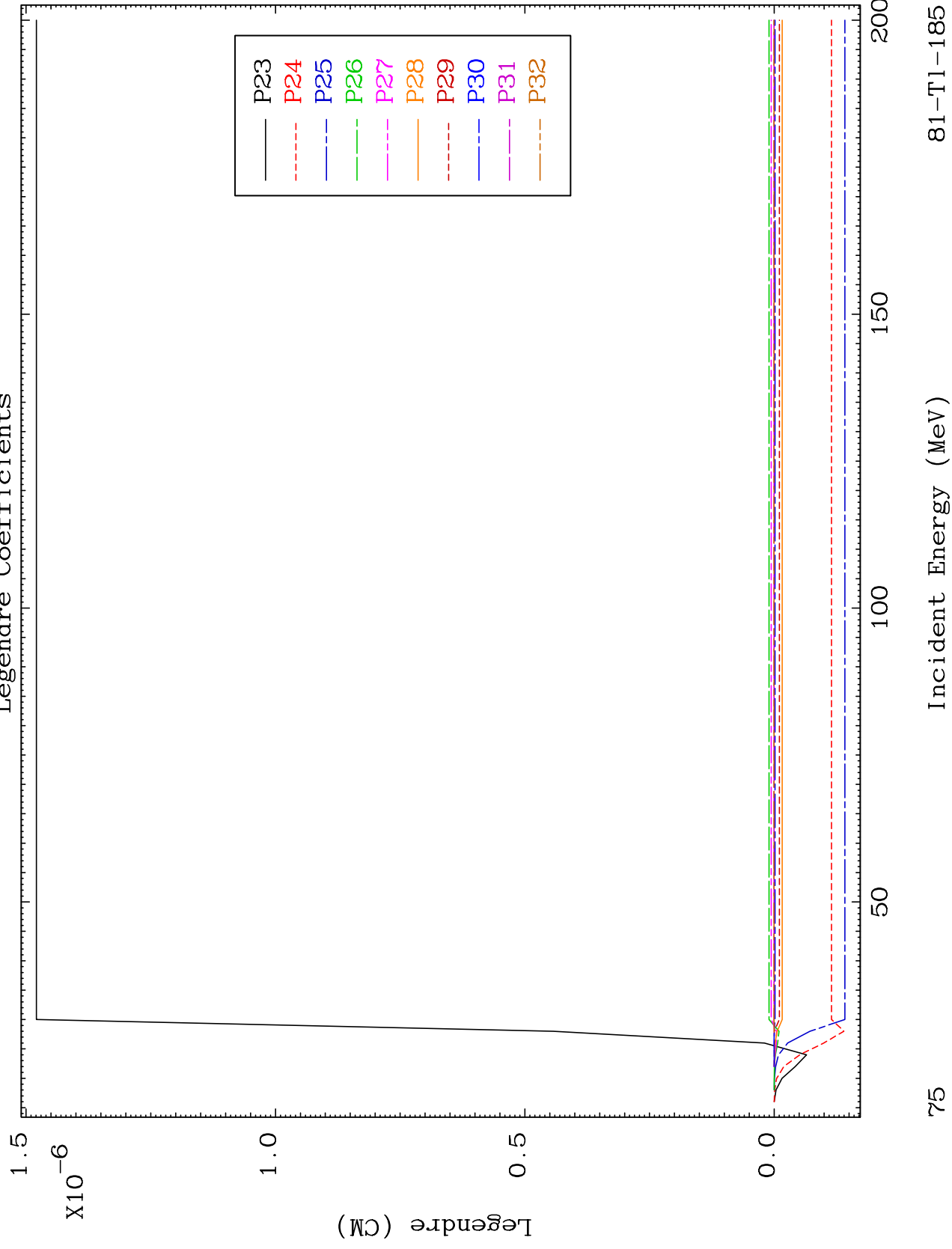
Incident Energy (MeV)

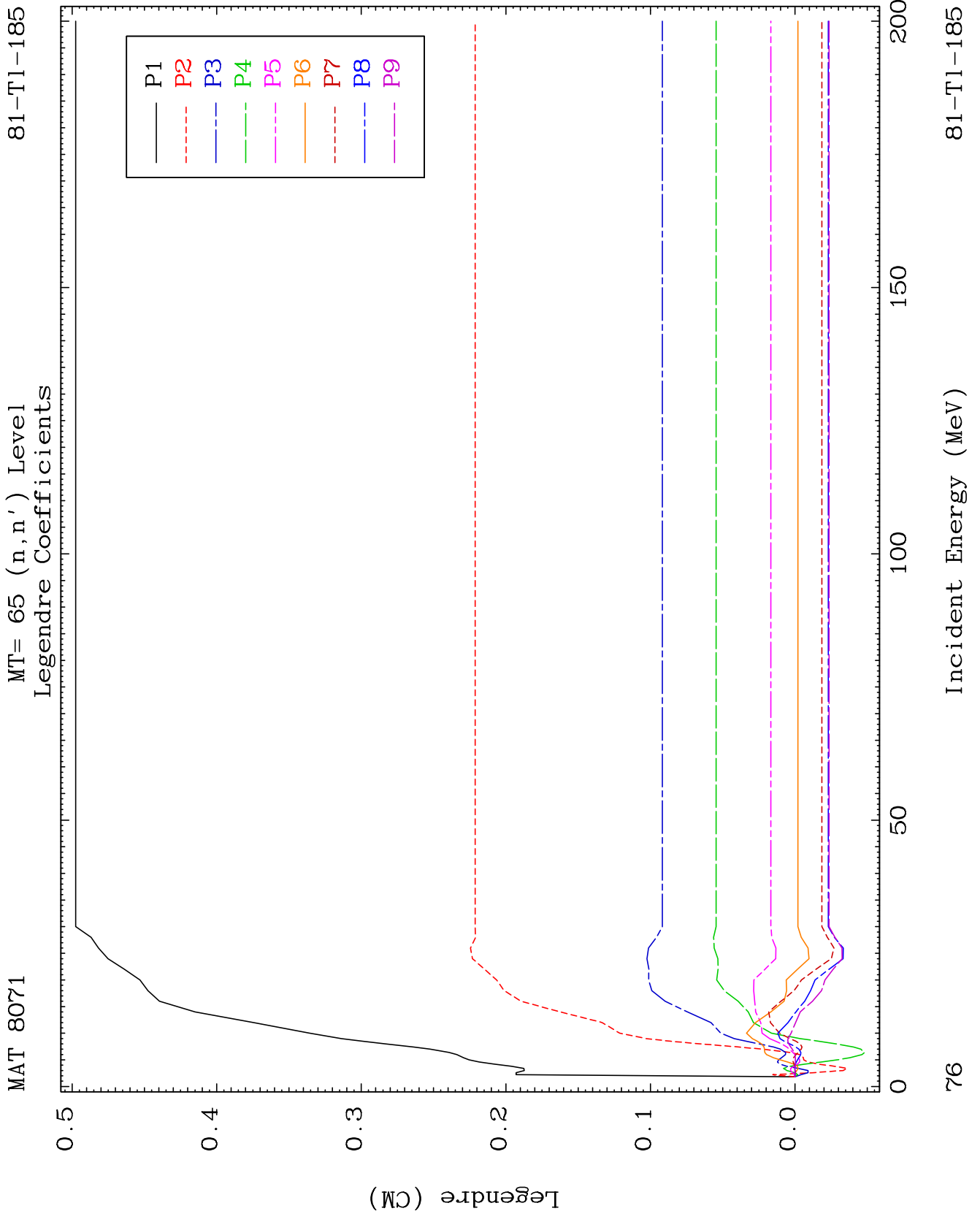
81-Tl-185

MAT 8071

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

81-Tl-185

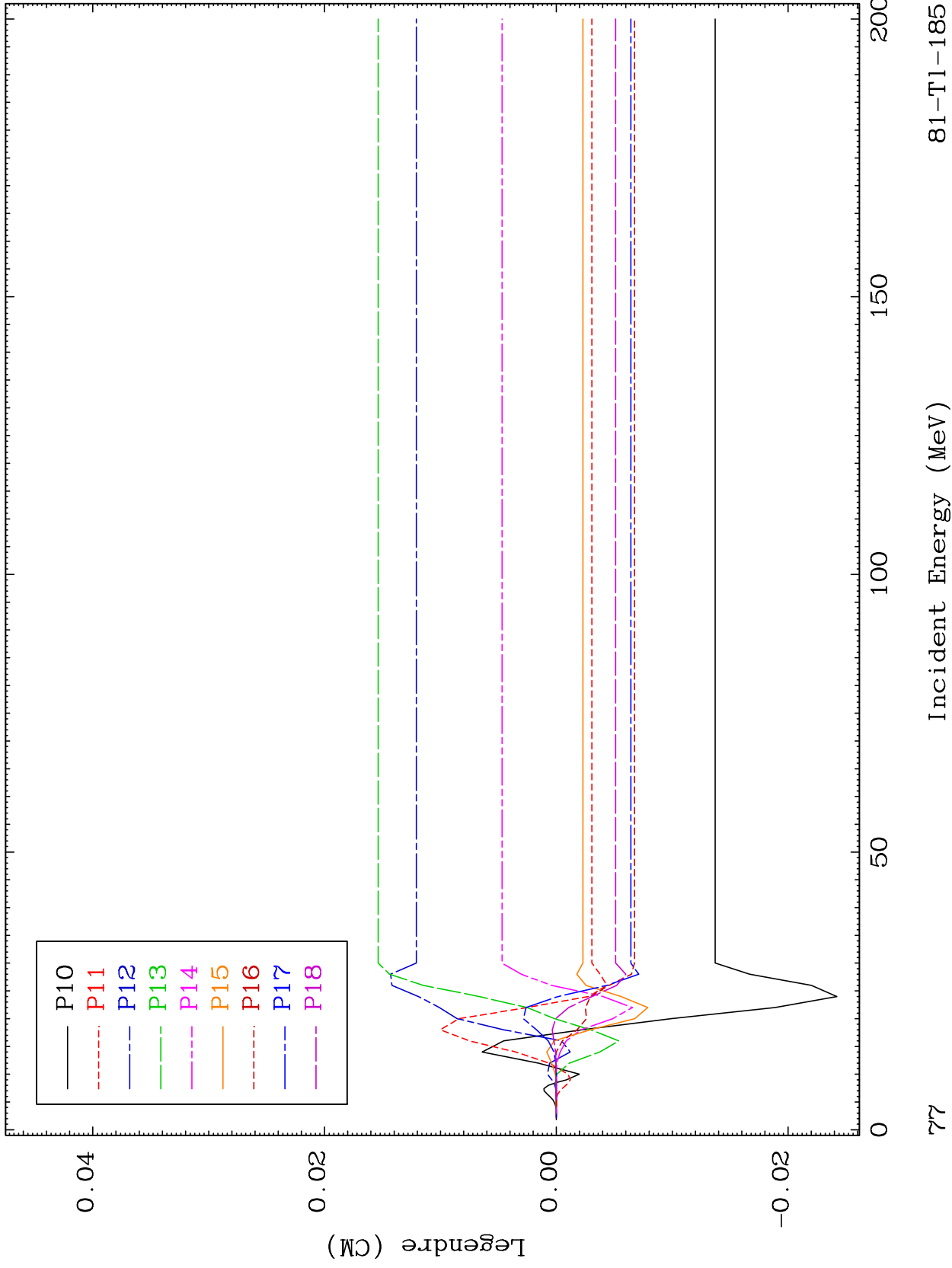


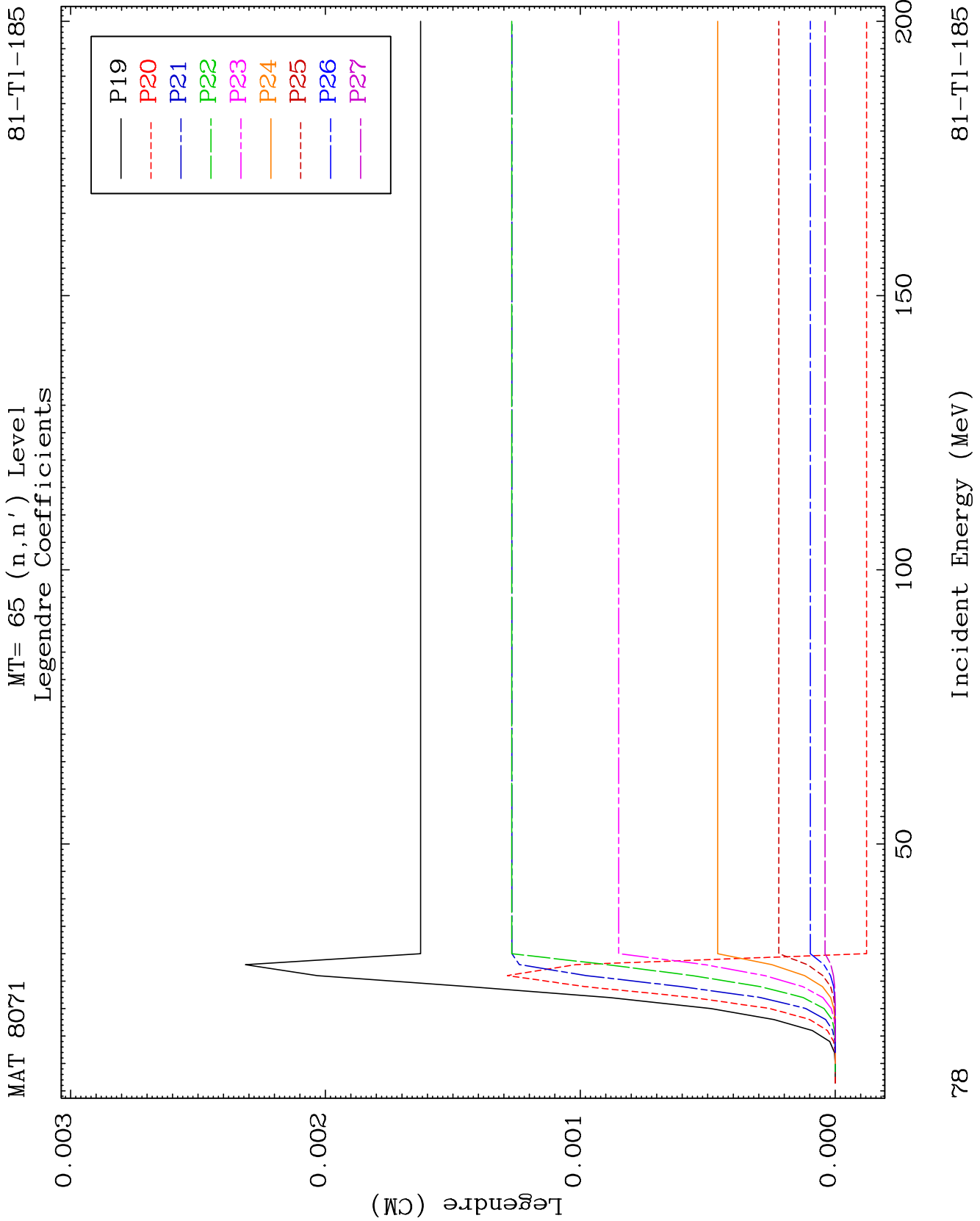


MAT 8071

81-Tl-185

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

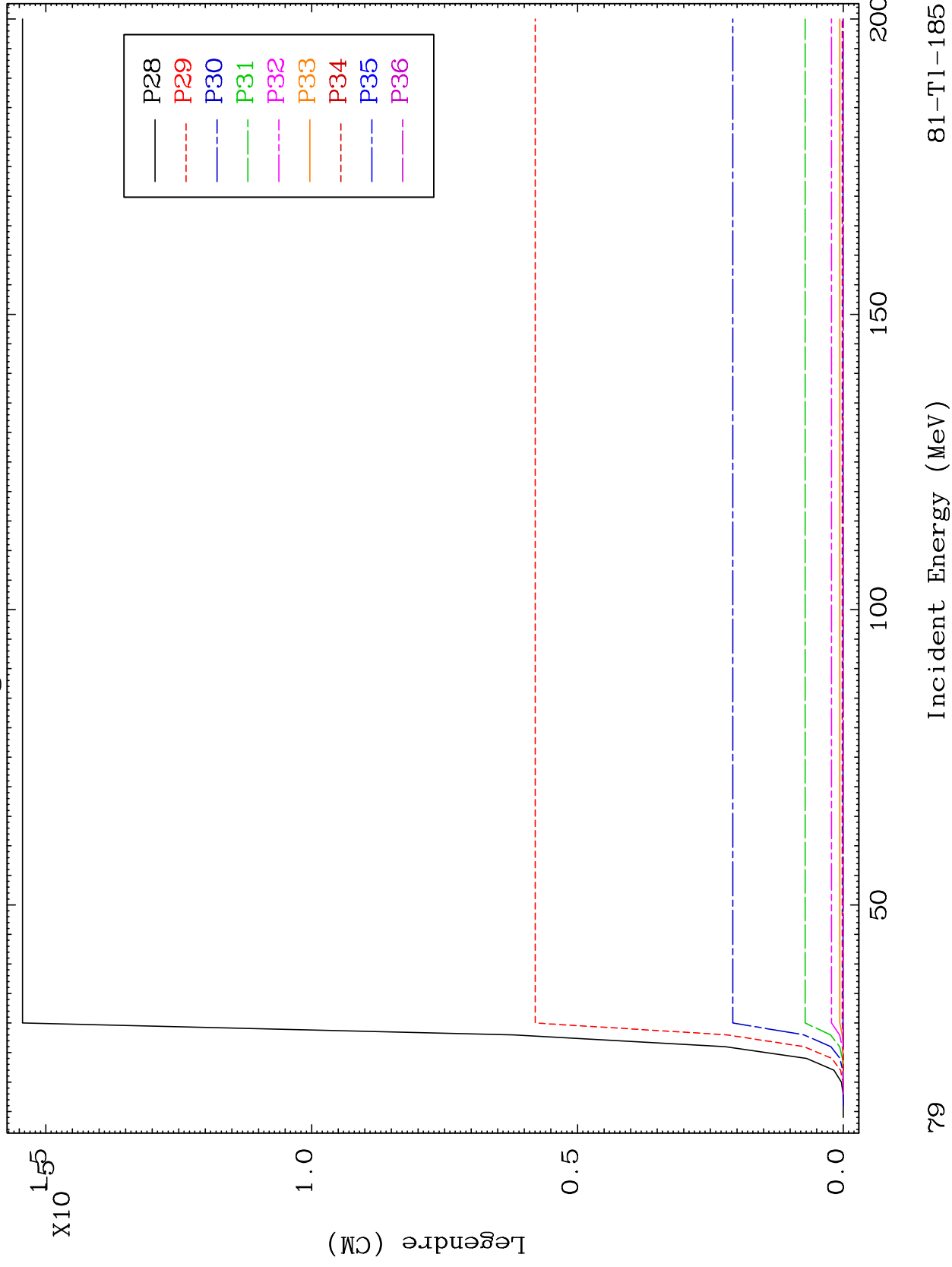




MAT 8071

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

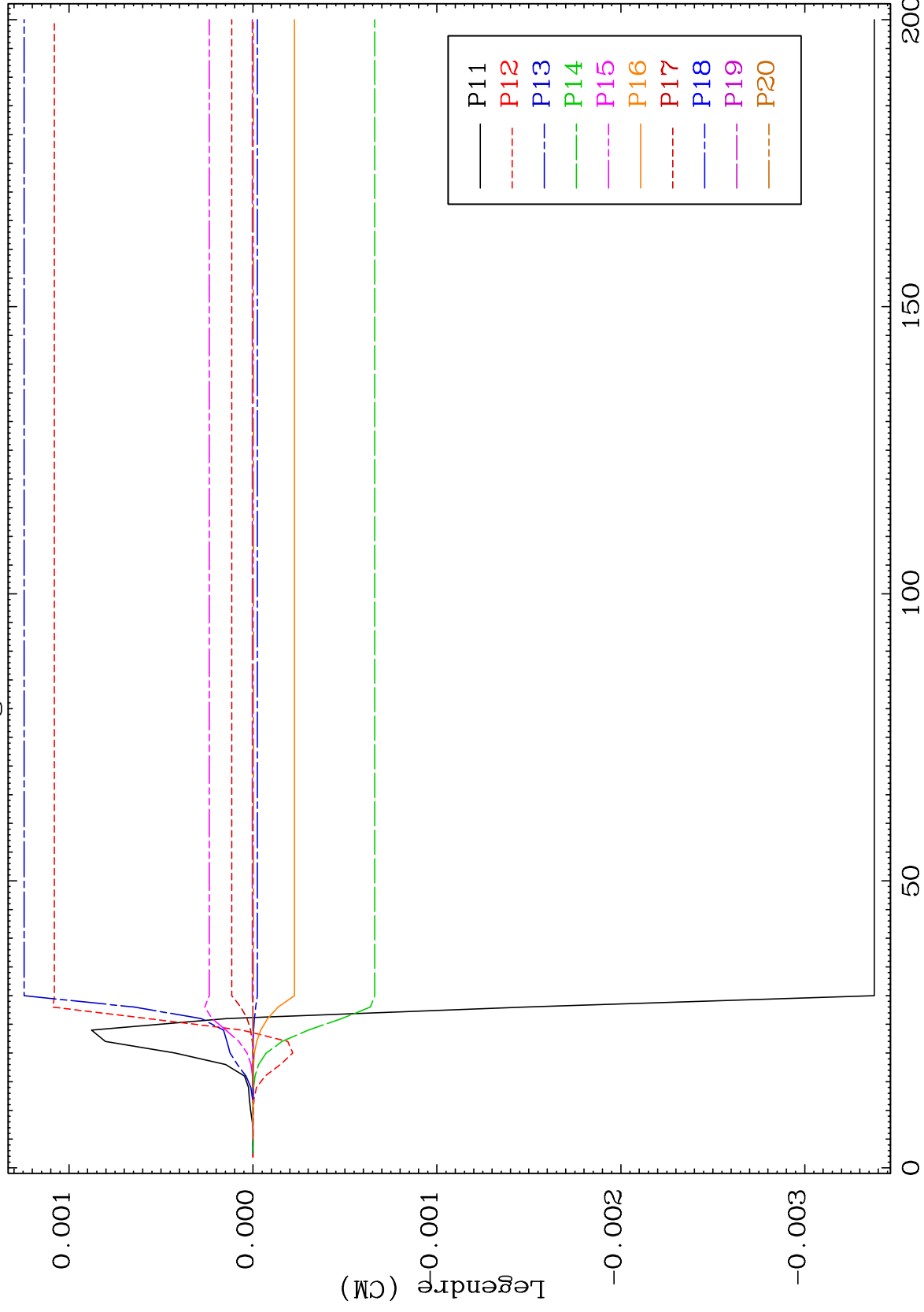
81-Tl-185



MAT 8071

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

81-Tl-185



81

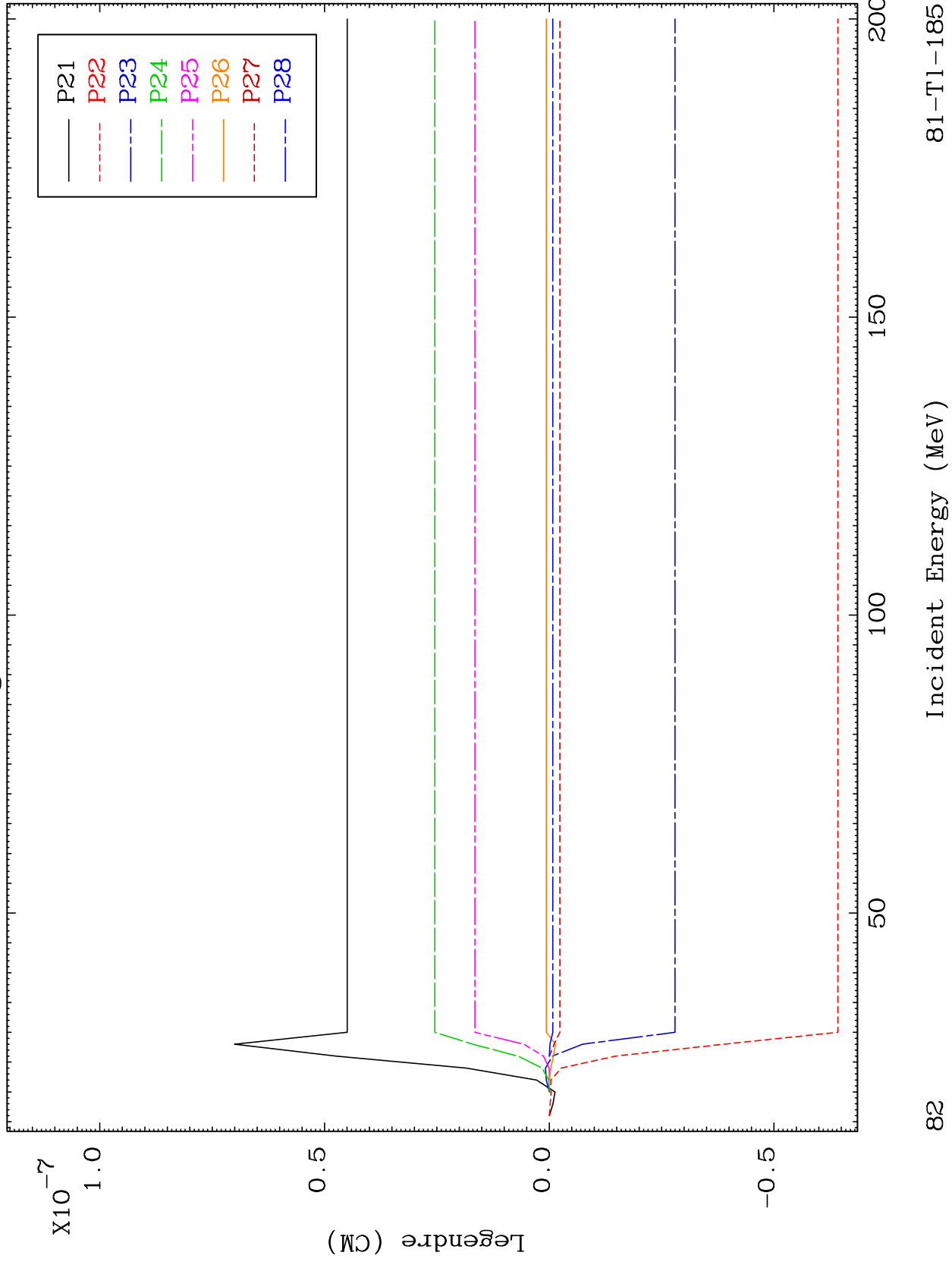
Incident Energy (MeV)

81-Tl-185

MAT 8071

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

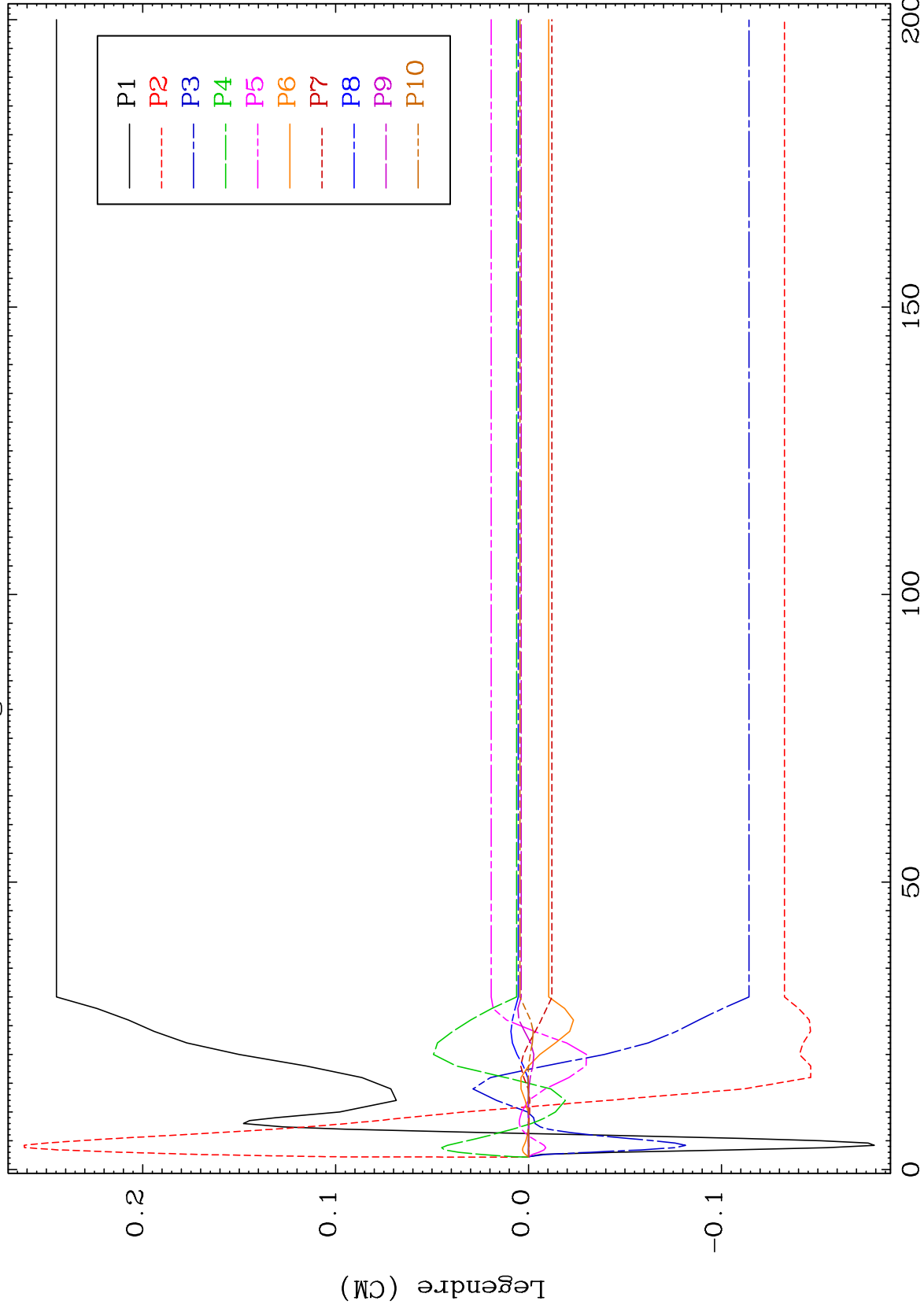
81-Tl-185



MAT 8071

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

81-Tl-185



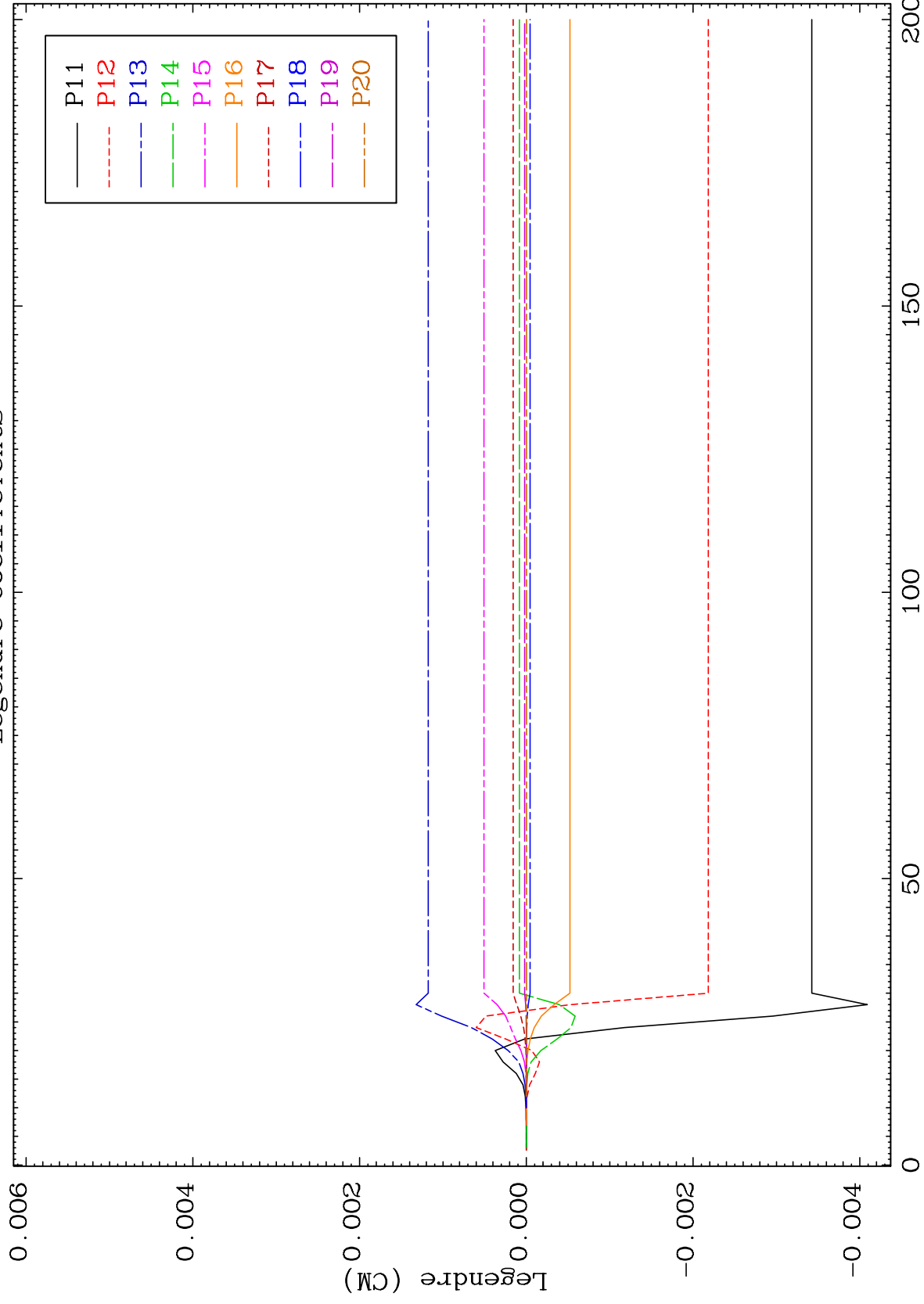
83

81-Tl-185

MAT 8071

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

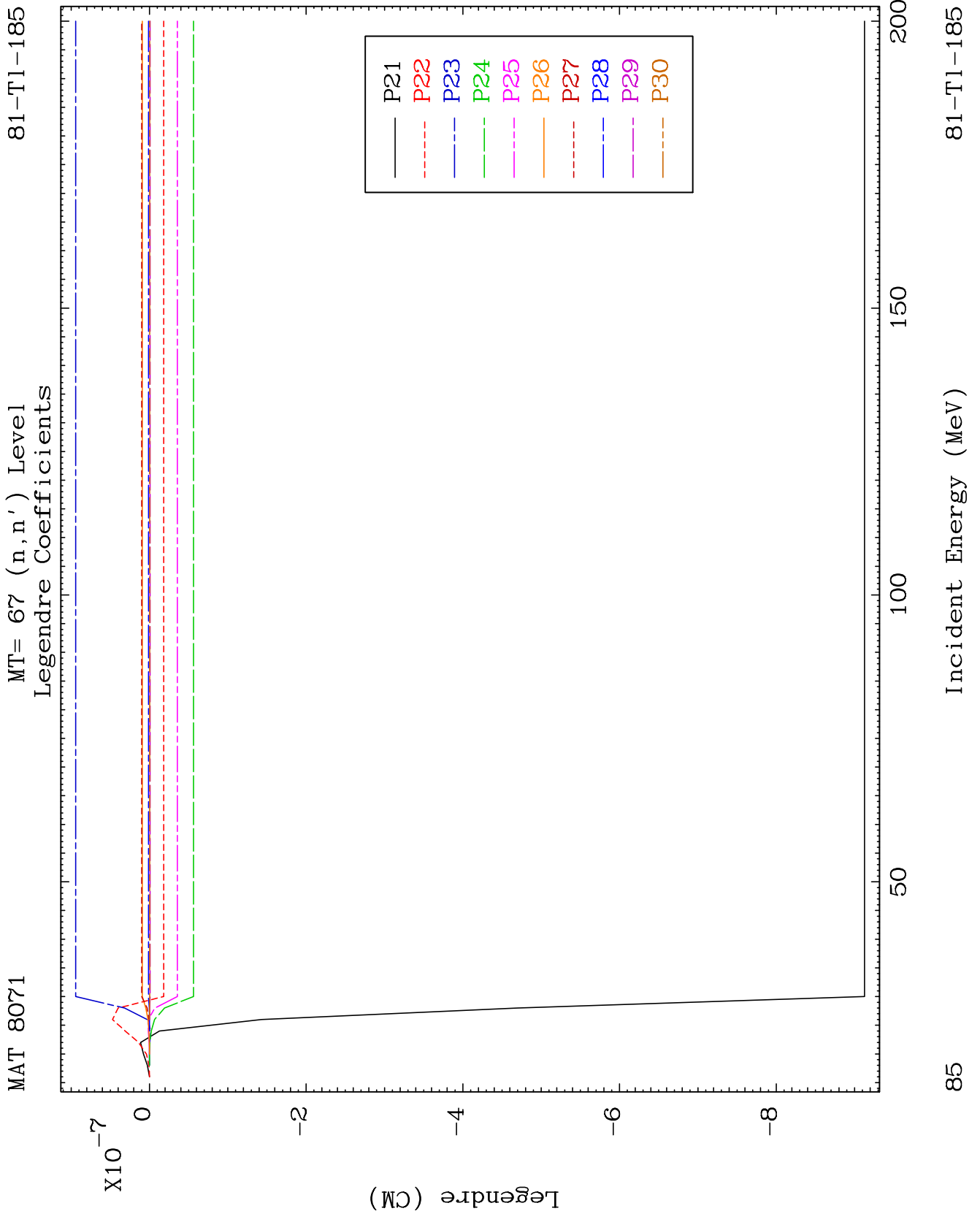
81-T1-185



84

Incident Energy (MeV)

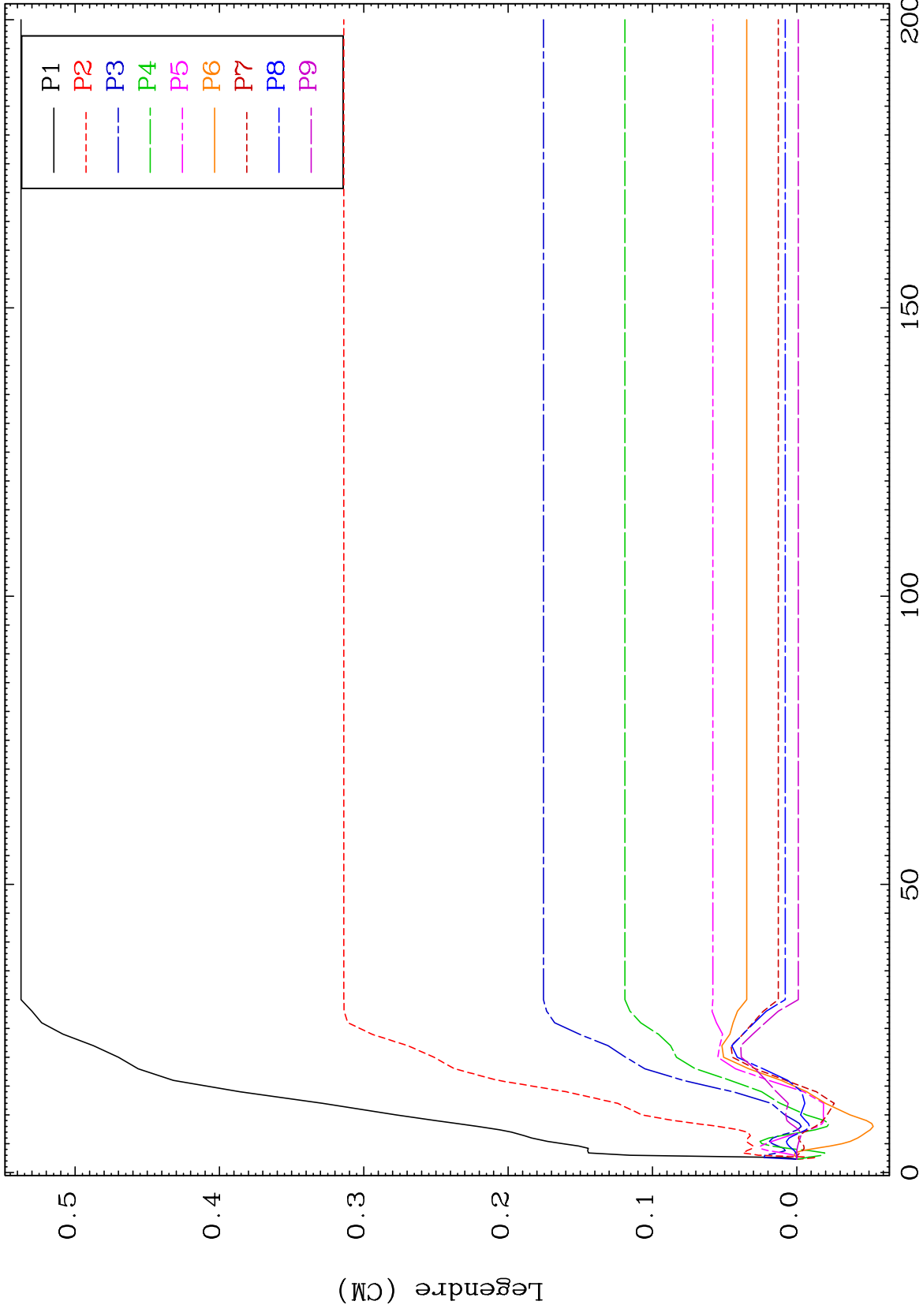
81-T1-185



MAT 8071

MT= 68 (n,n') Level
Legendre Coefficients

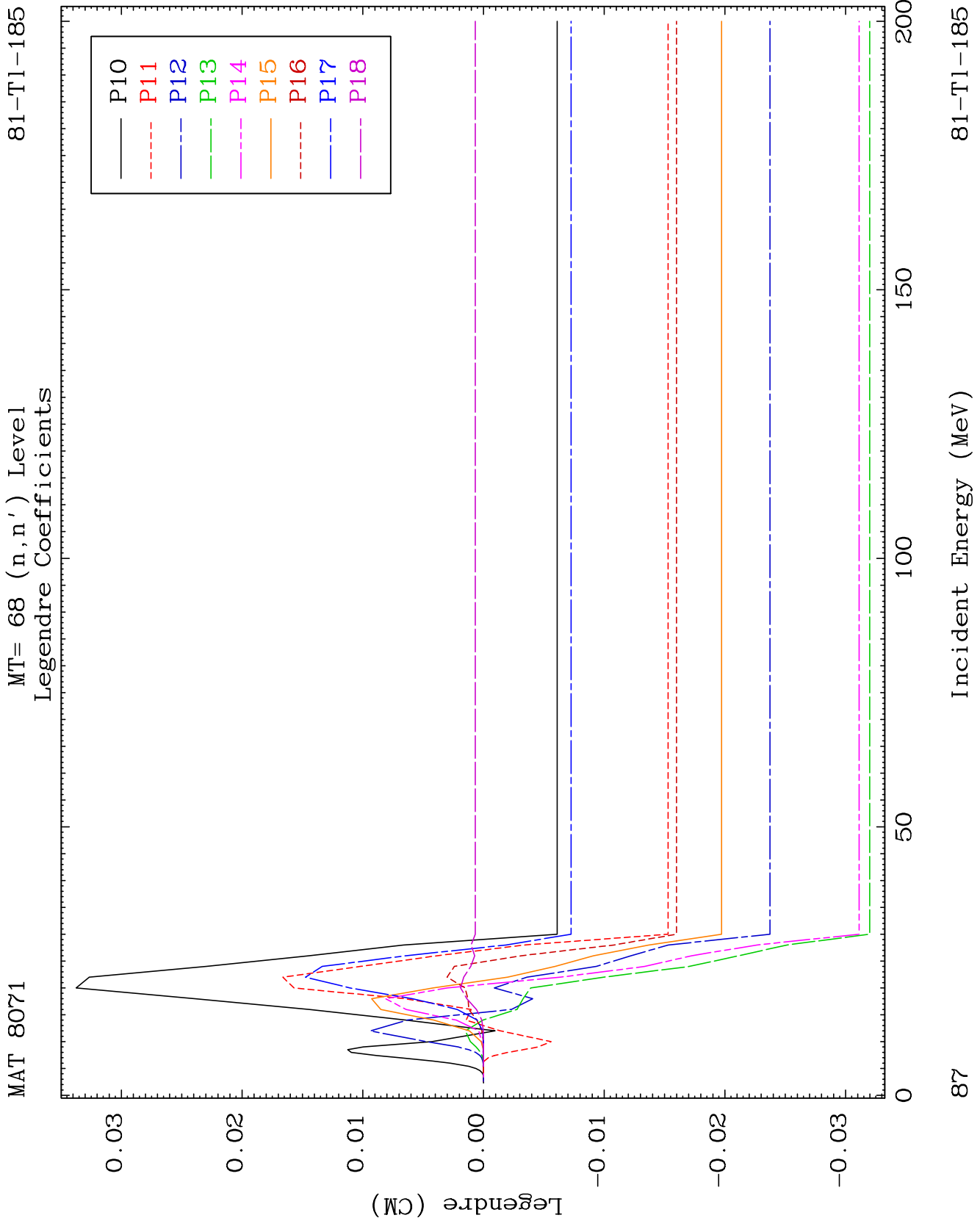
81-T1-185



86

Incident Energy (MeV)

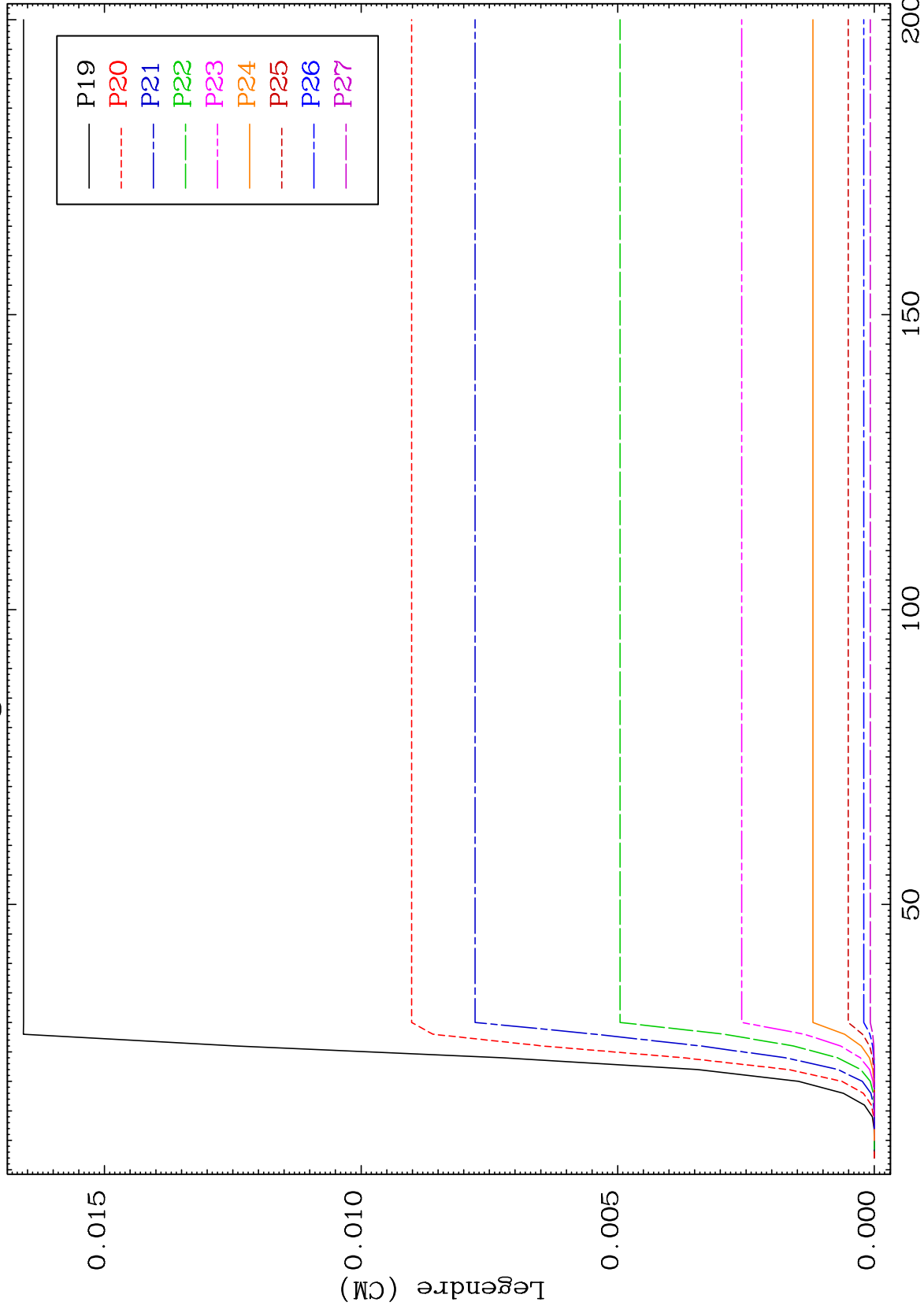
81-T1-185



MAT 8071

MT= 68 (n,n') Level
Legendre Coefficients

81-Tl-185



88

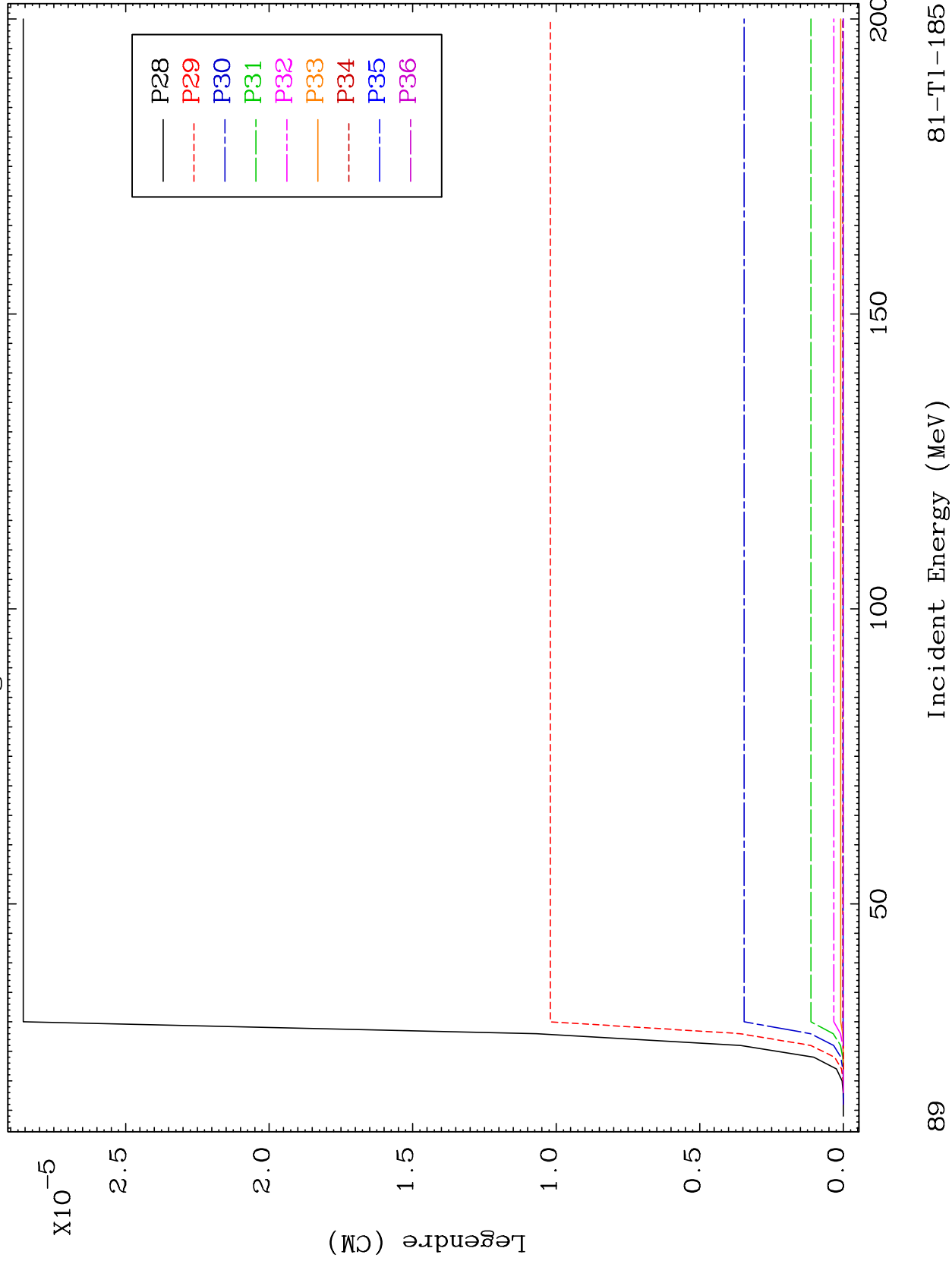
Incident Energy (MeV)

81-Tl-185

MAT 8071

MT= 68 (n,n') Level
Legendre Coefficients

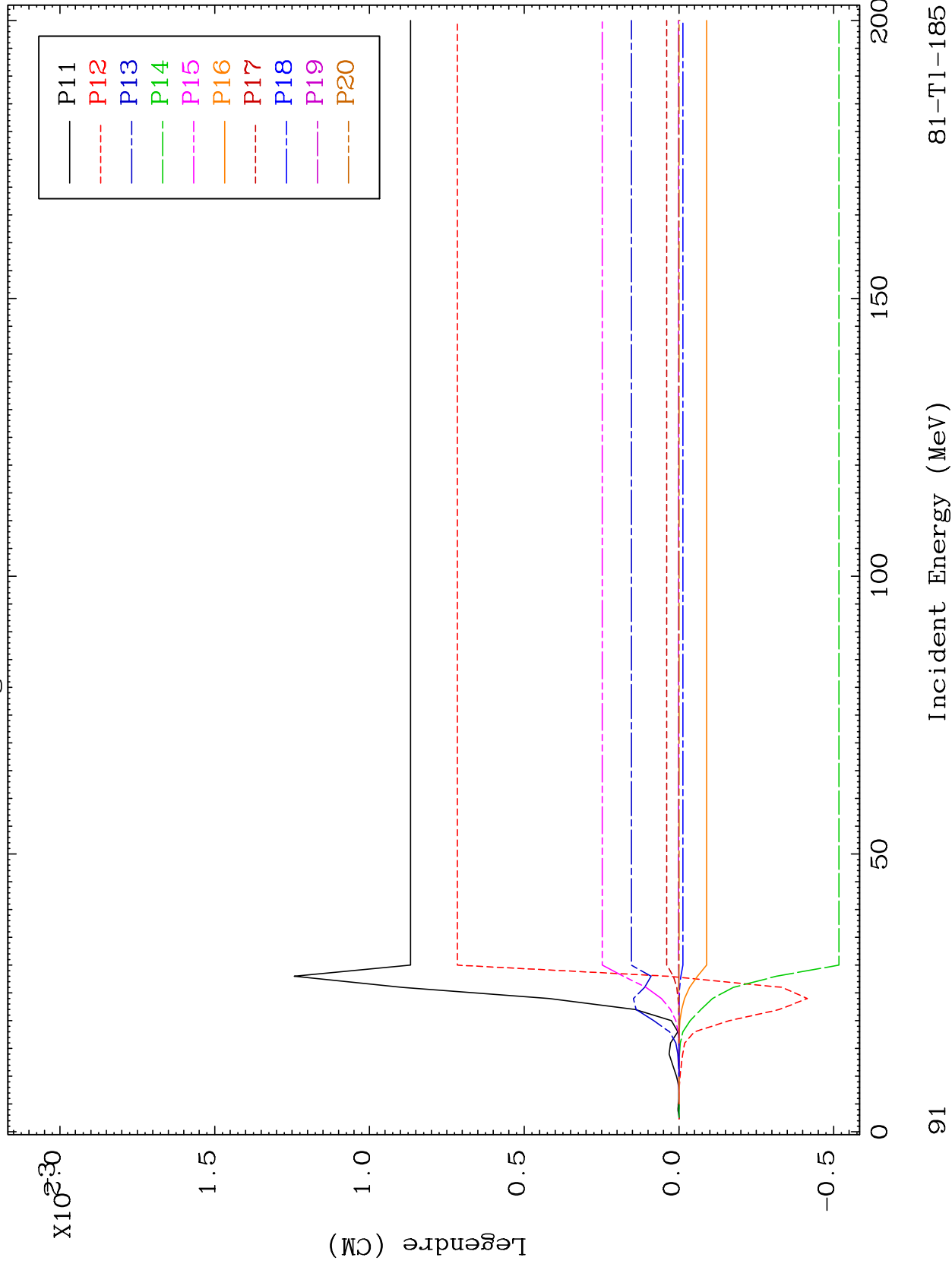
81-Tl-185



MAT 8071

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

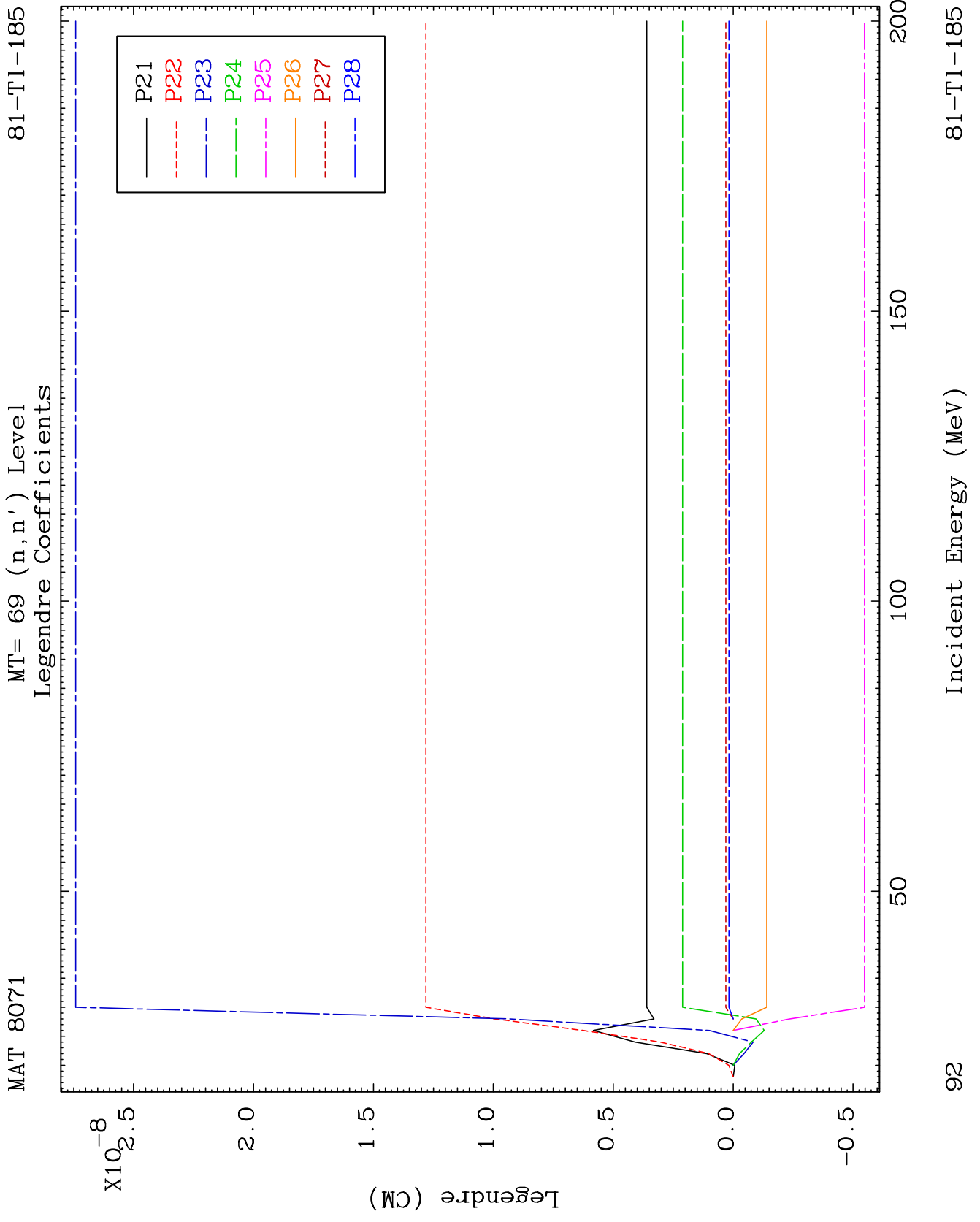
81-Tl-185



91

Incident Energy (MeV)

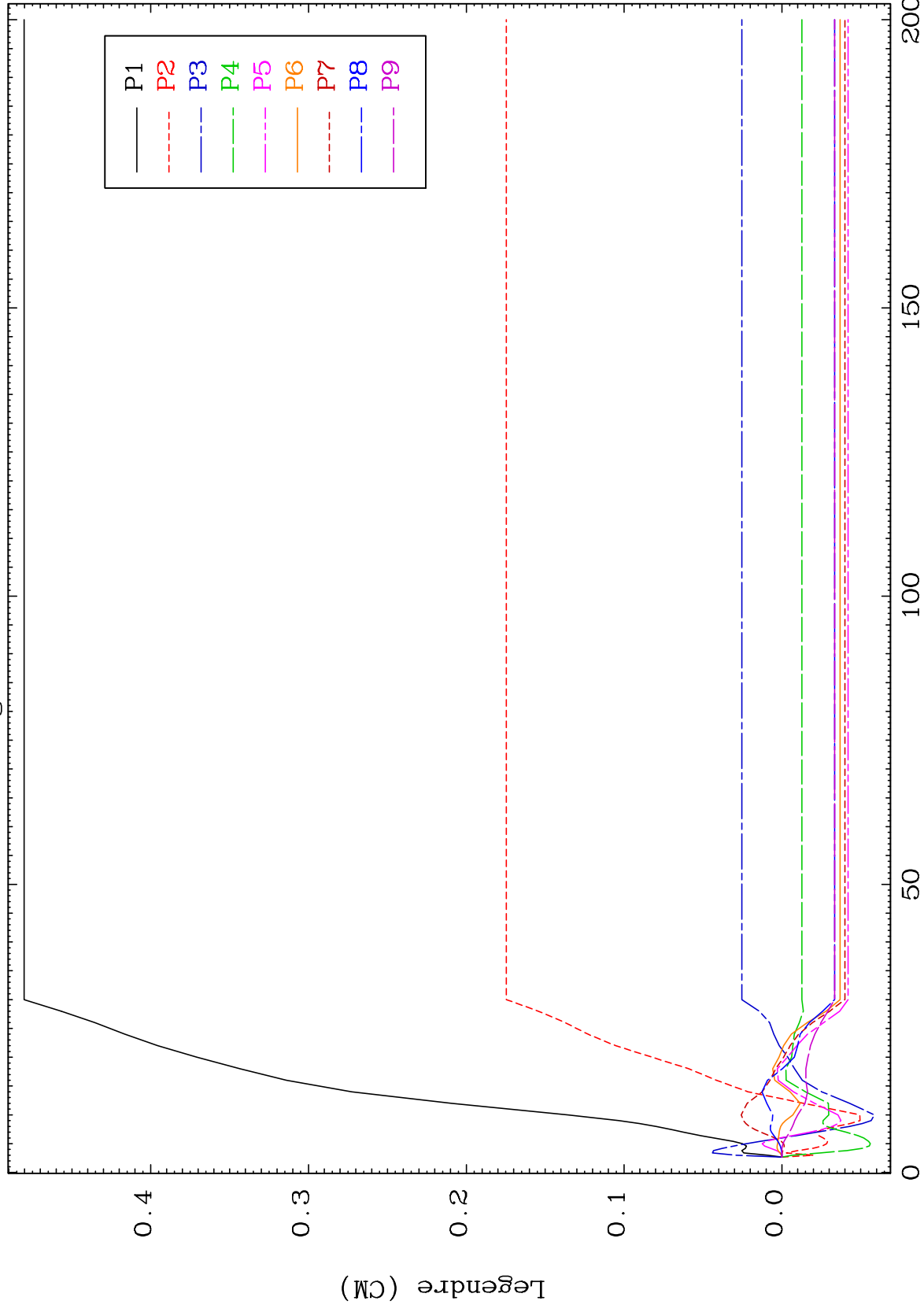
81-Tl-185



MAT 8071

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

81-T1-185



93

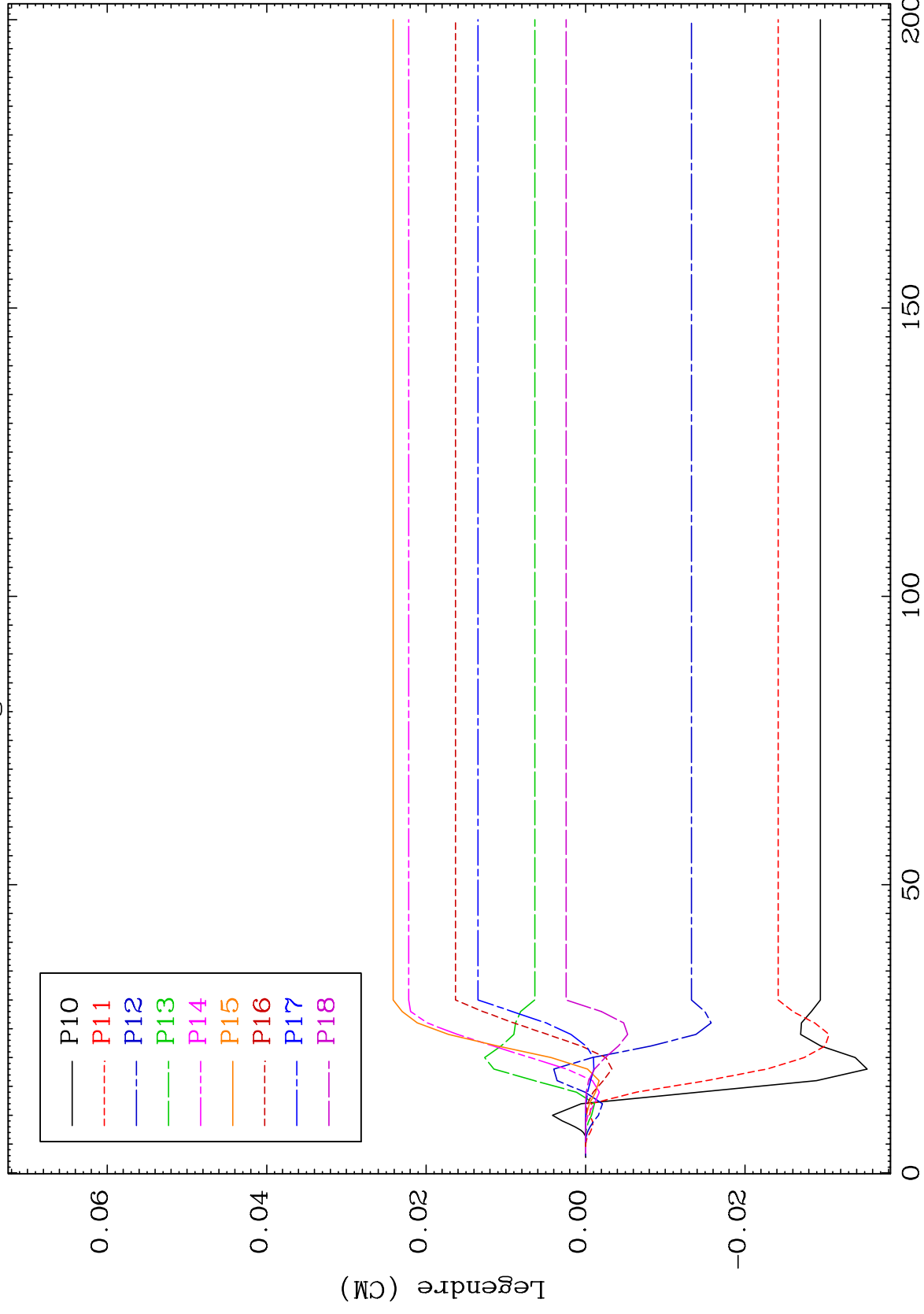
Incident Energy (MeV)

81-T1-185

MAT 8071

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

81-T1-185



94

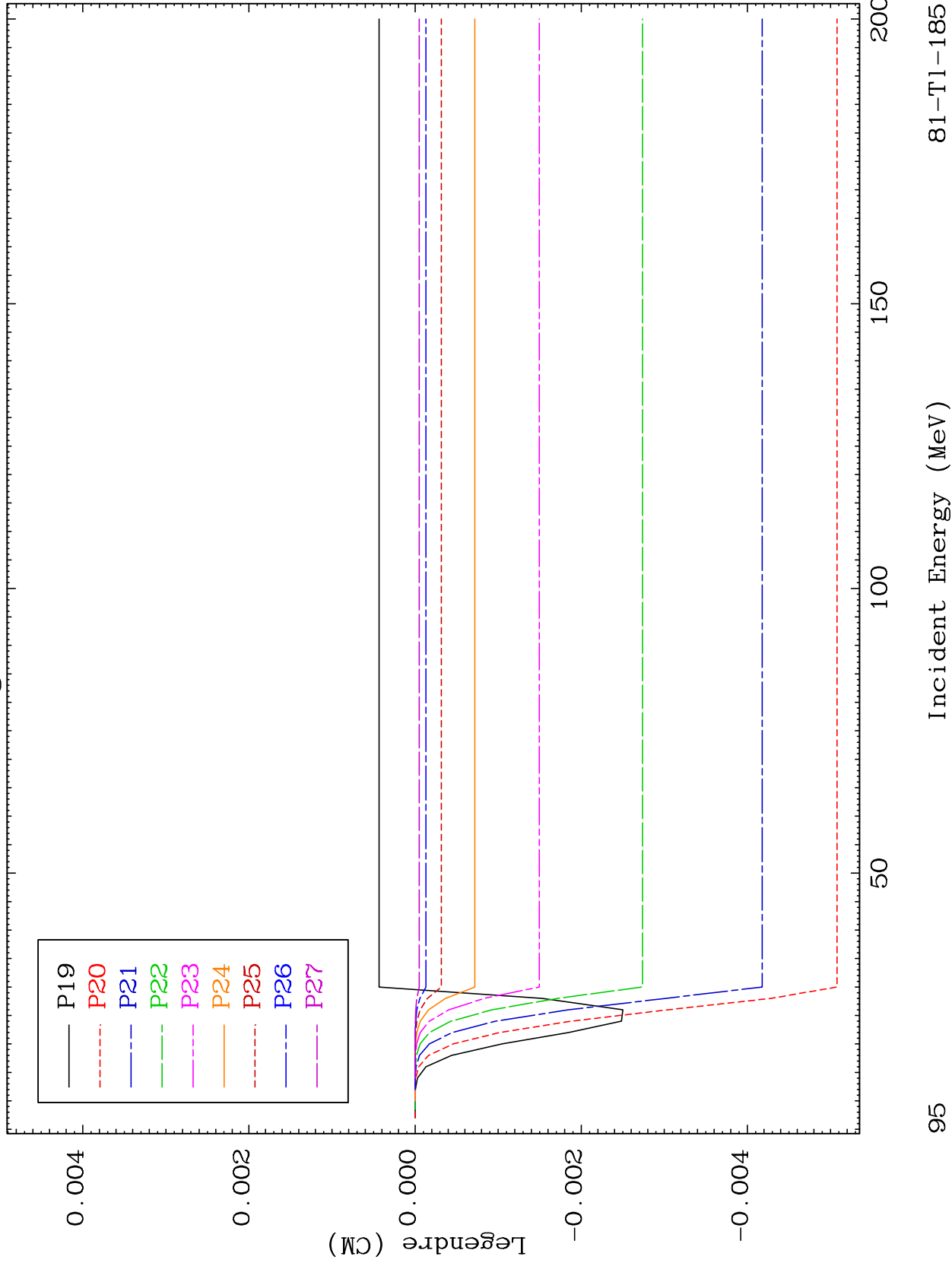
Incident Energy (MeV)

81-T1-185

MAT 8071

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

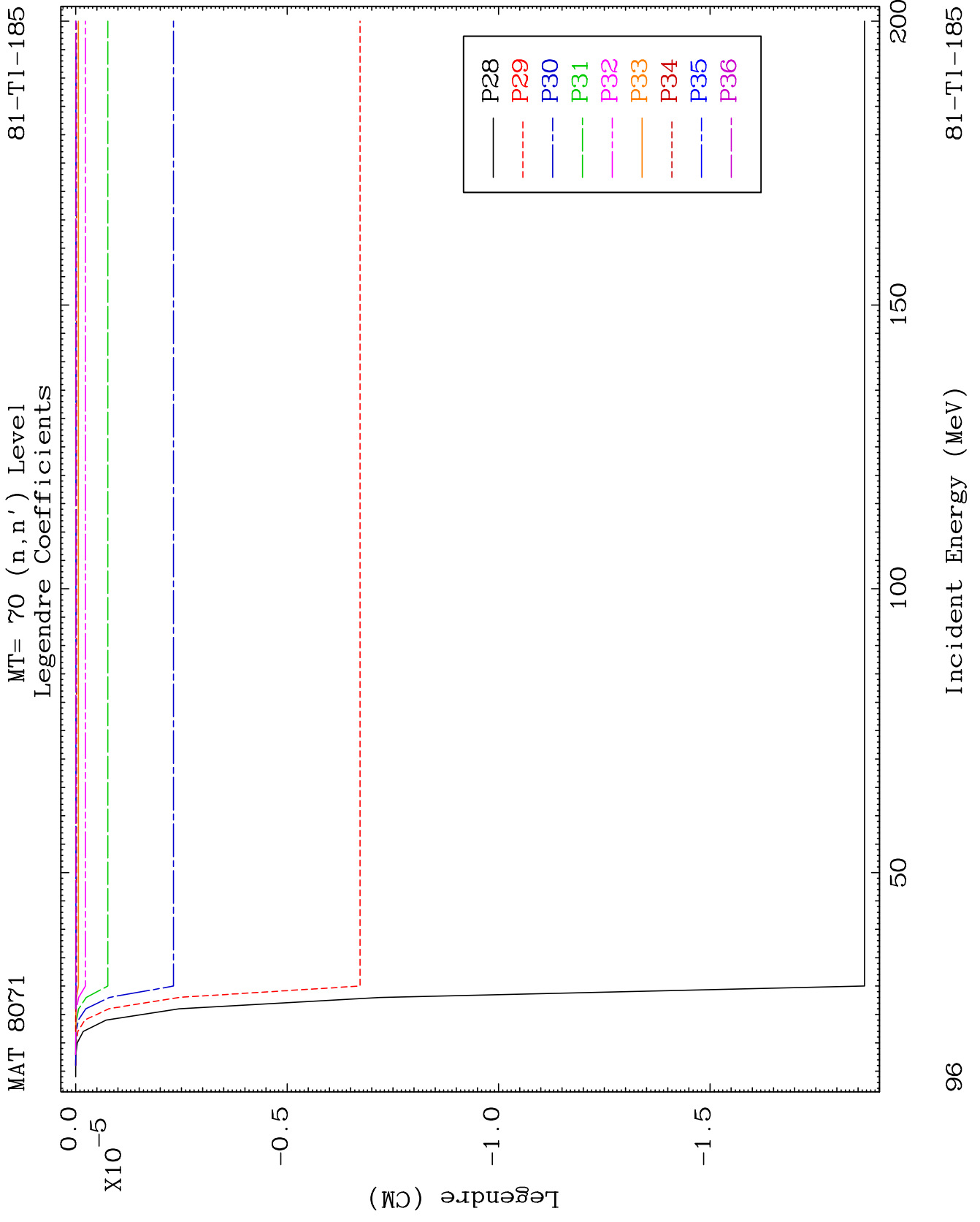
81-Tl-185



95

Incident Energy (MeV)

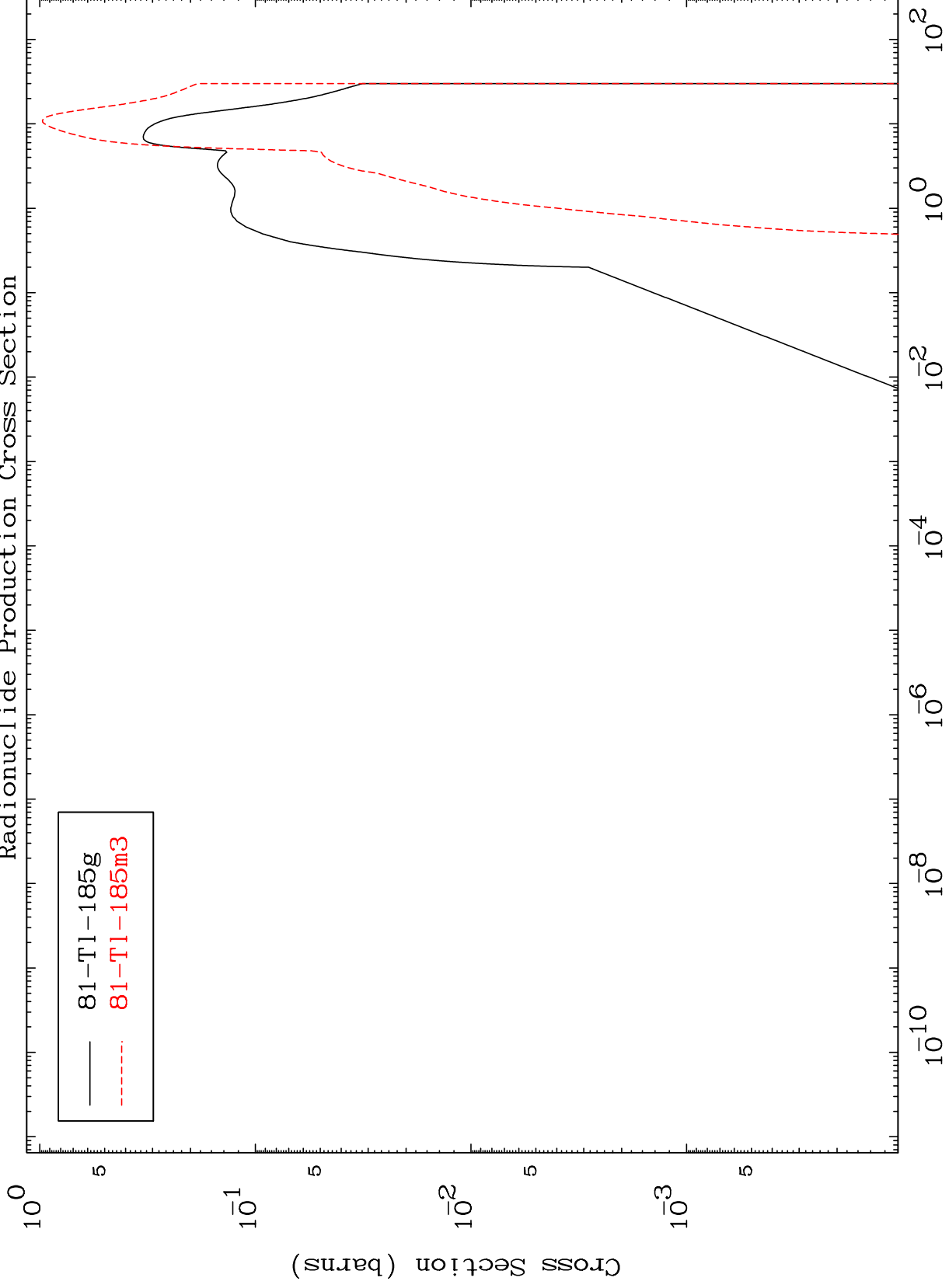
81-Tl-185



MAT 8071

Inelastic
Radionuclide Production Cross Section

81-Tl-185

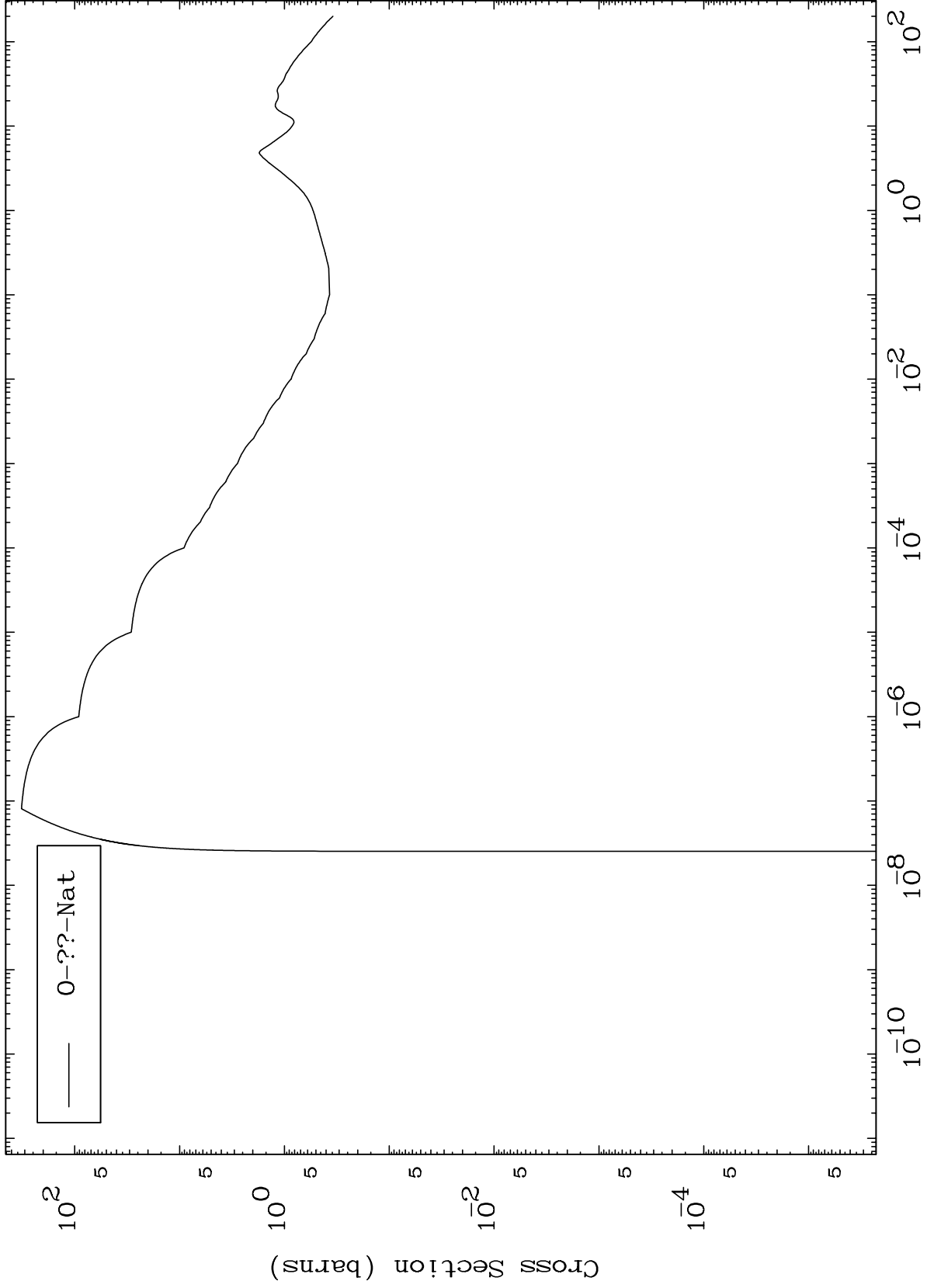


81-Tl-185g
81-Tl-185m3

MAT 8071

81-Tl-185

Fission
Radionuclide Production Cross Section



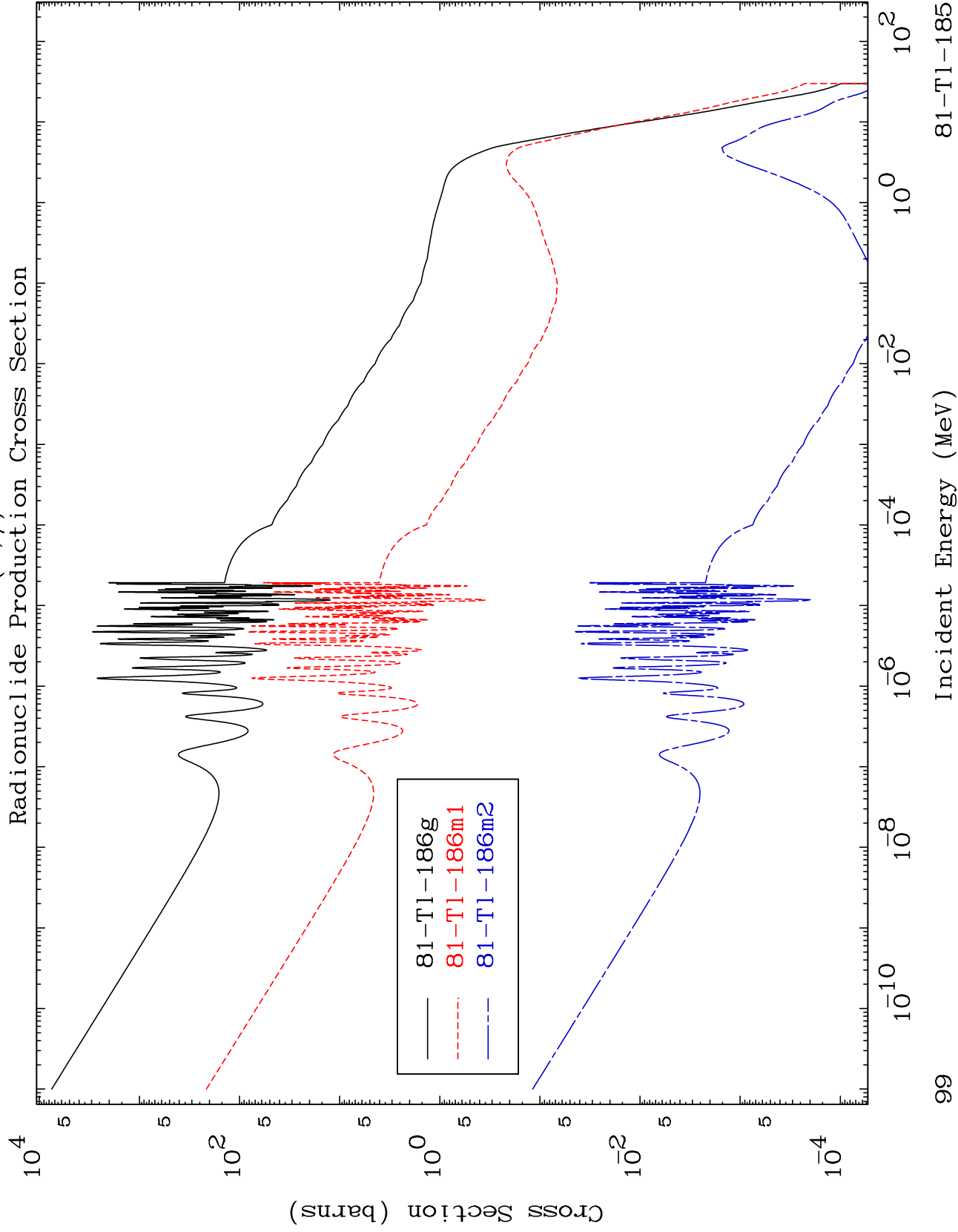
98

81-Tl-185

Incident Energy (MeV)

Radionuclide Production Cross Section

(n,γ)

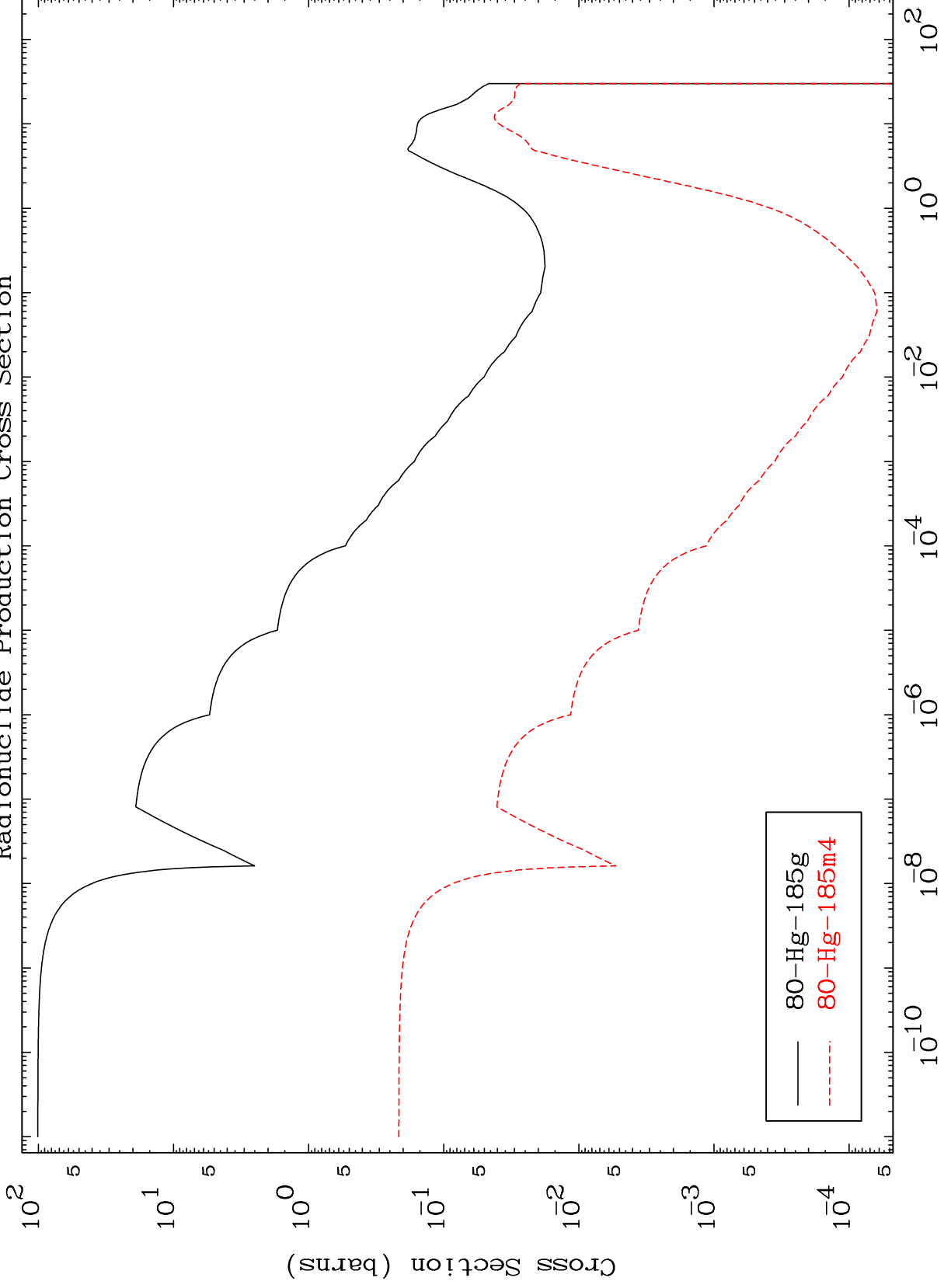


MAT 8071

(n,p)

81-Tl-185

Radionuclide Production Cross Section

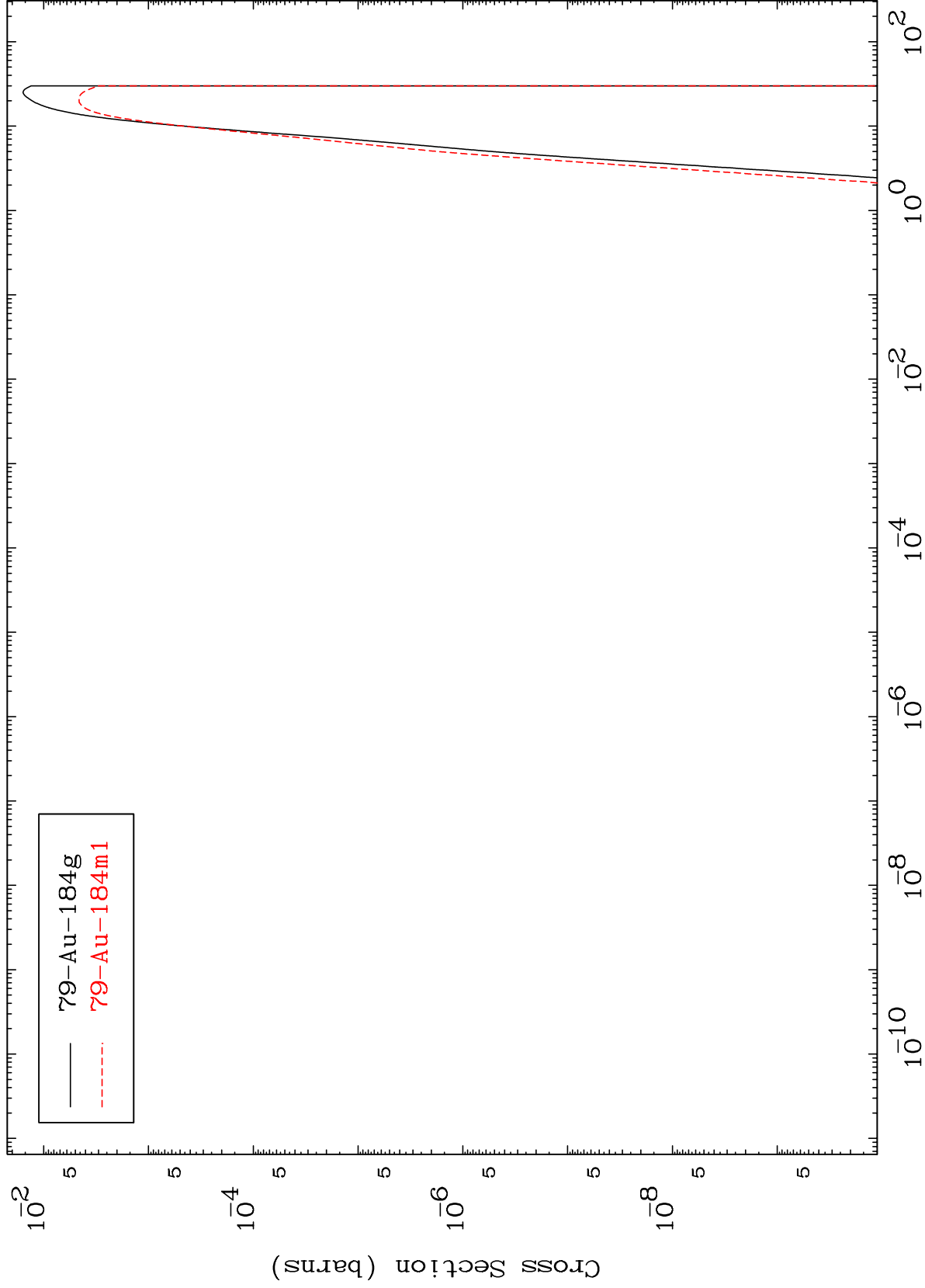


100

MAT 8071

81-Tl-185

(n,2p)
Radionuclide Production Cross Section



101

Incident Energy (MeV)

81-Tl-185