

Program EVALPLOT
(Version 2021-1)

by

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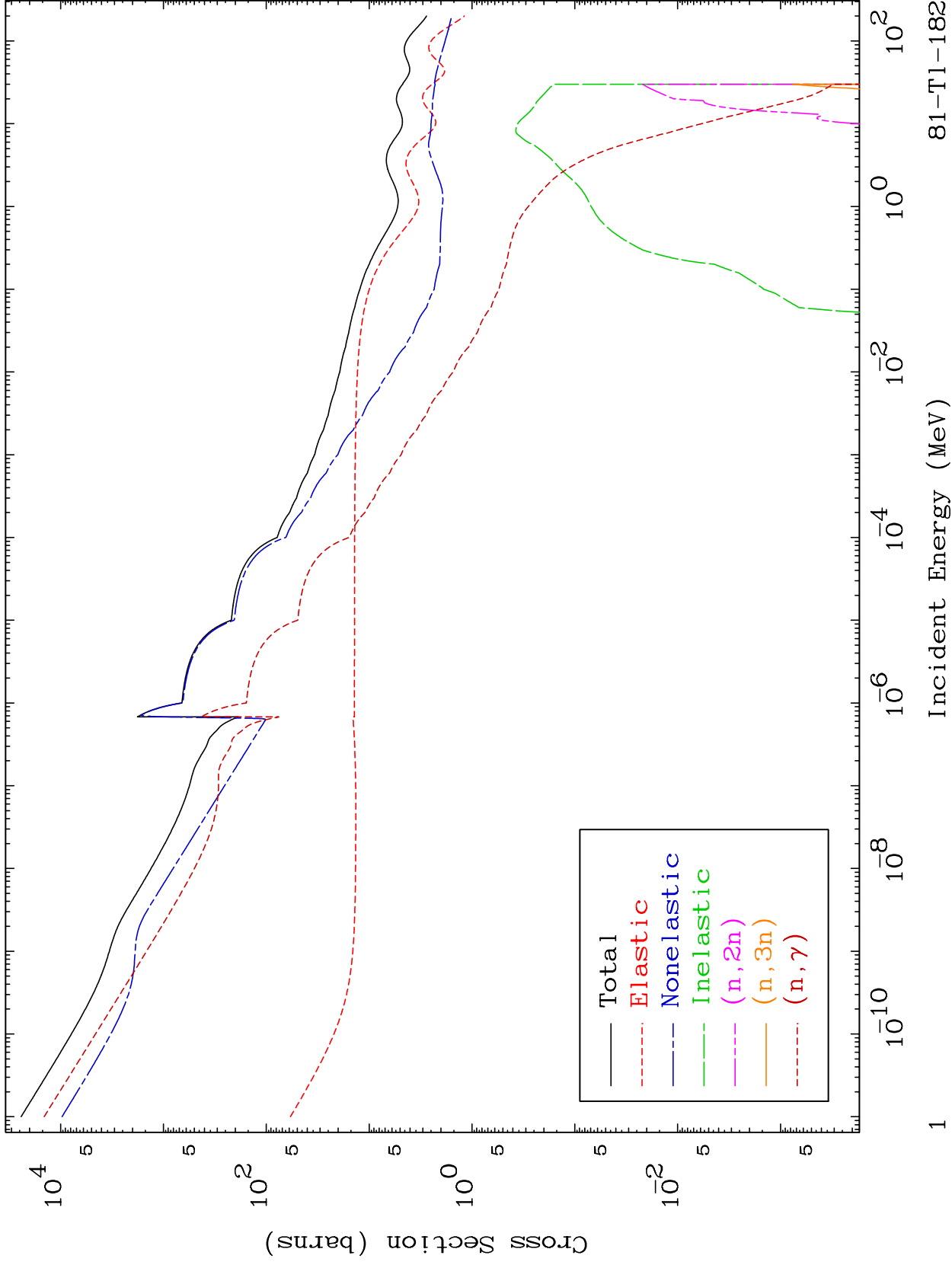
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8062

Neutron Major
293 Kelvin Cross Sections

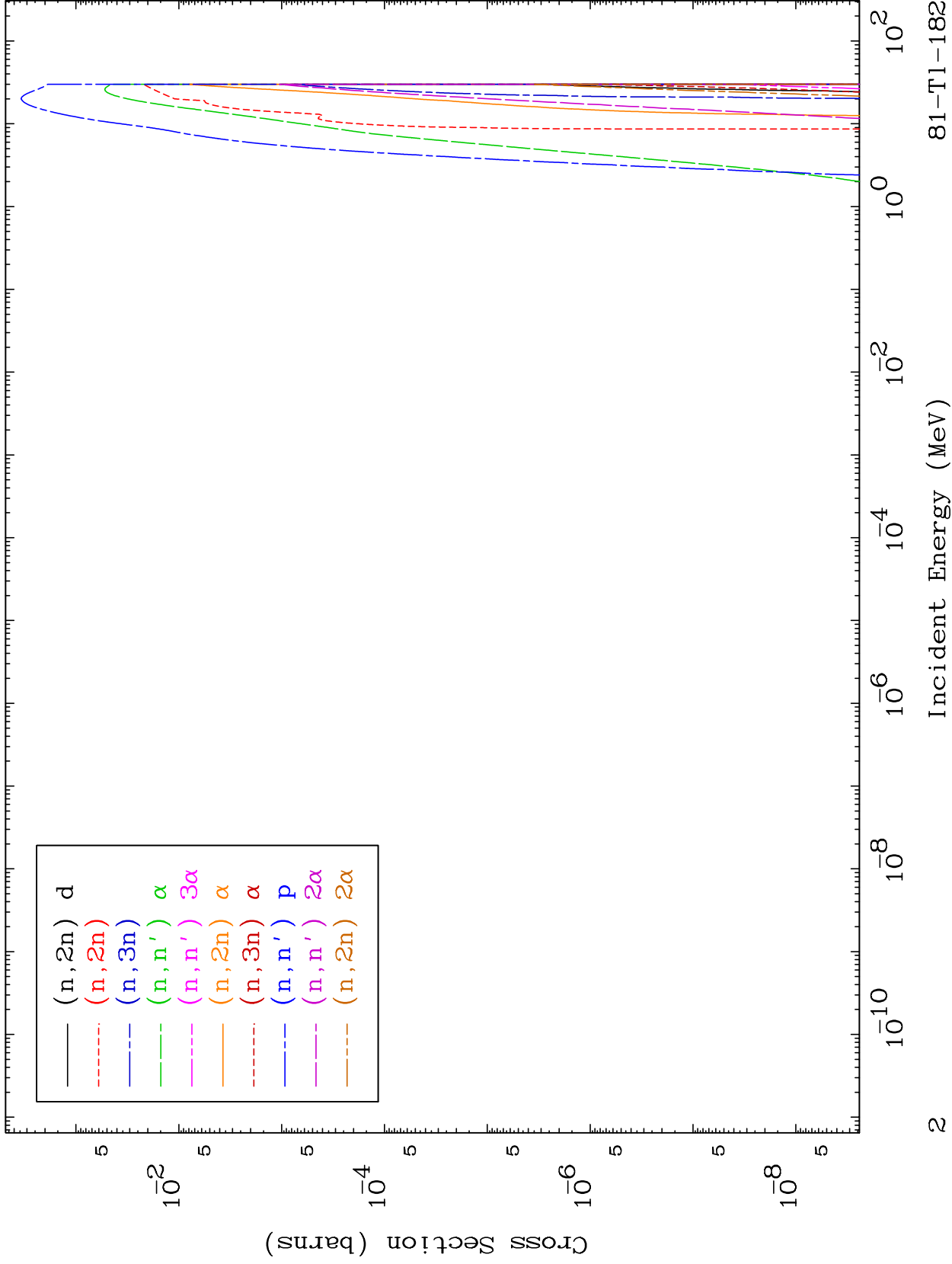
81-T1-182

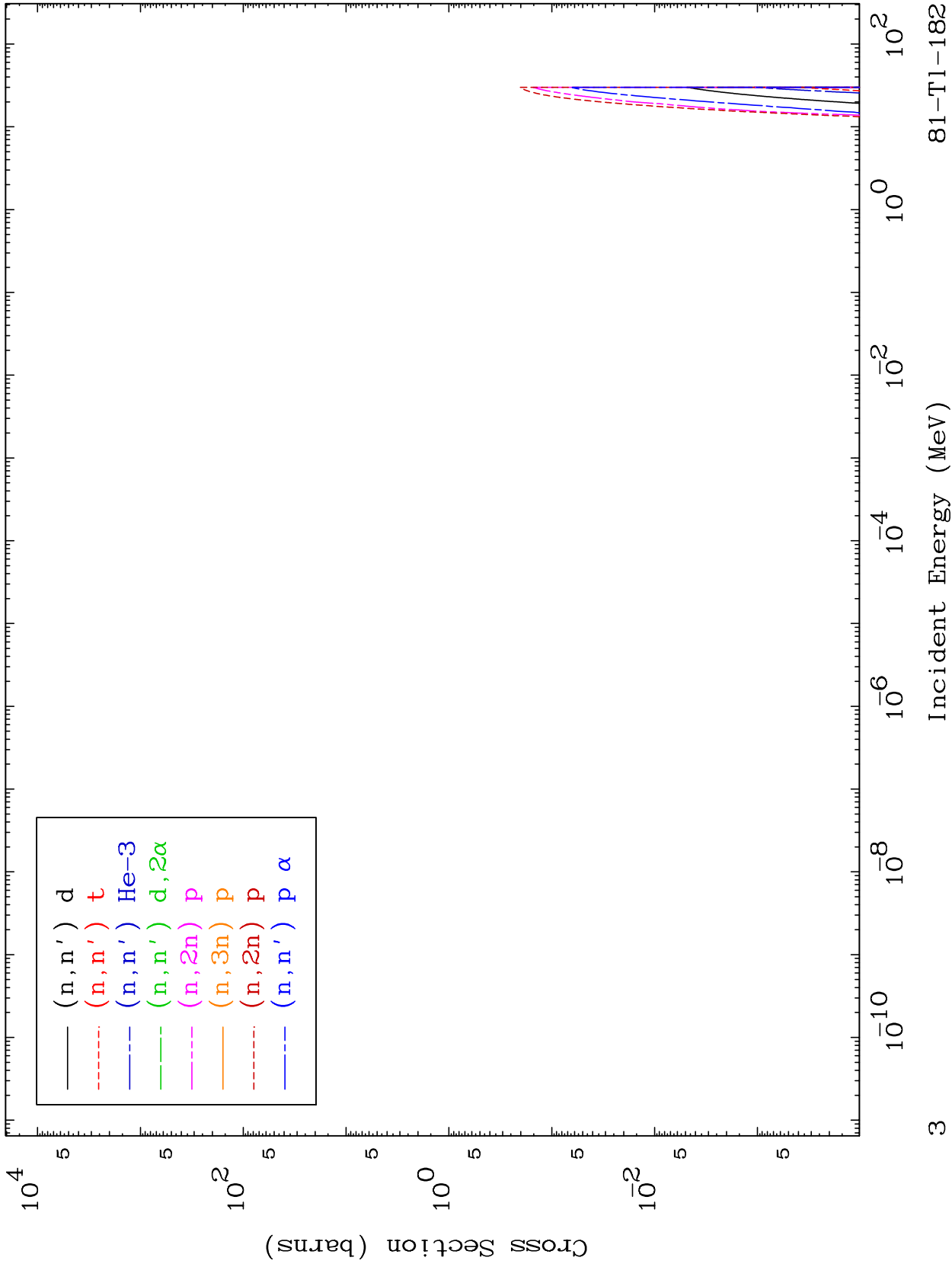


MAT 8062

Neutron Absorption
293 Kelvin Cross Sections

81-Tl-182

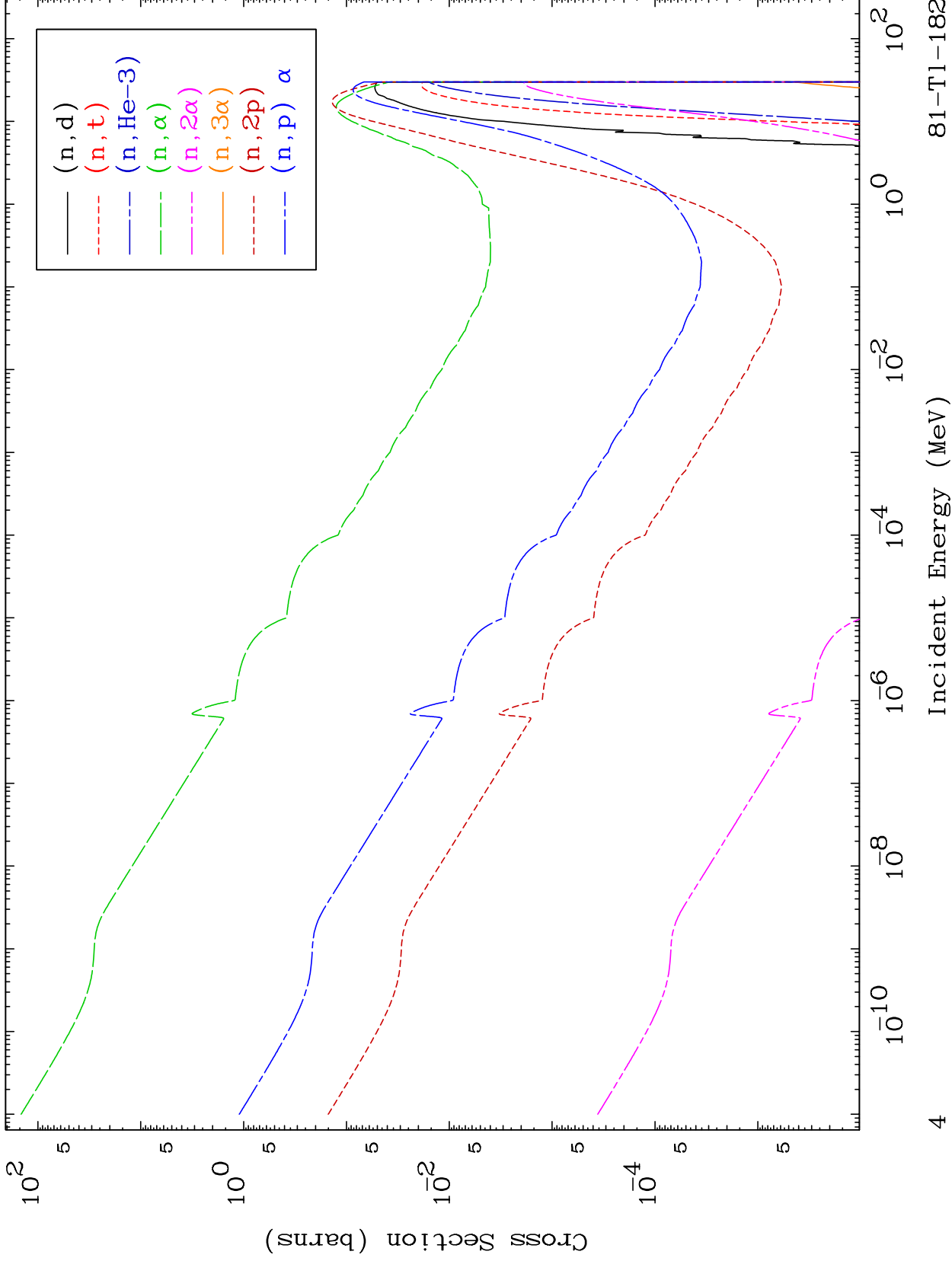




MAT 8062

Neutron Absorption
293 Kelvin Cross Sections

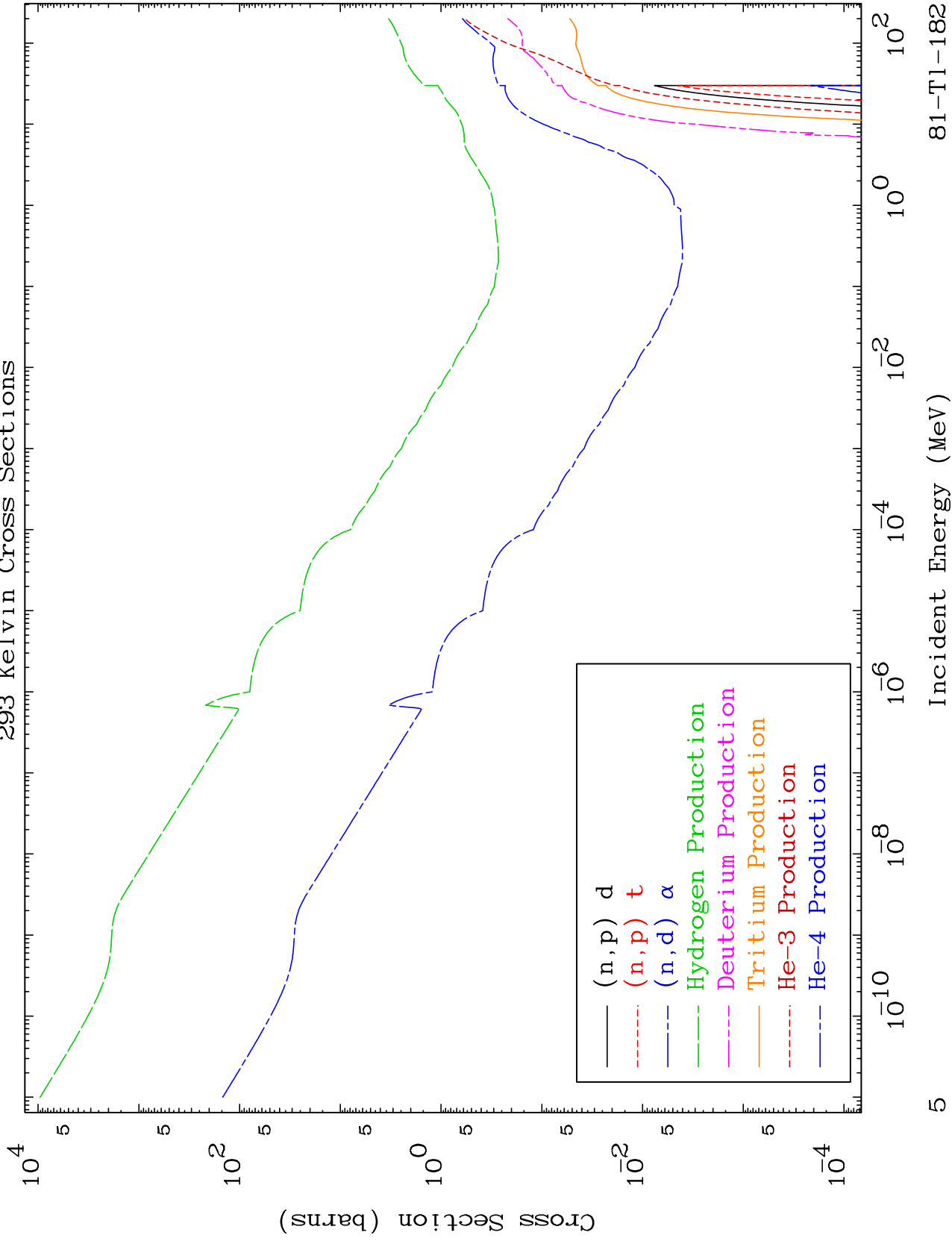
81-Tl-182



MAT 8062

Neutron Absorption
293 Kelvin Cross Sections

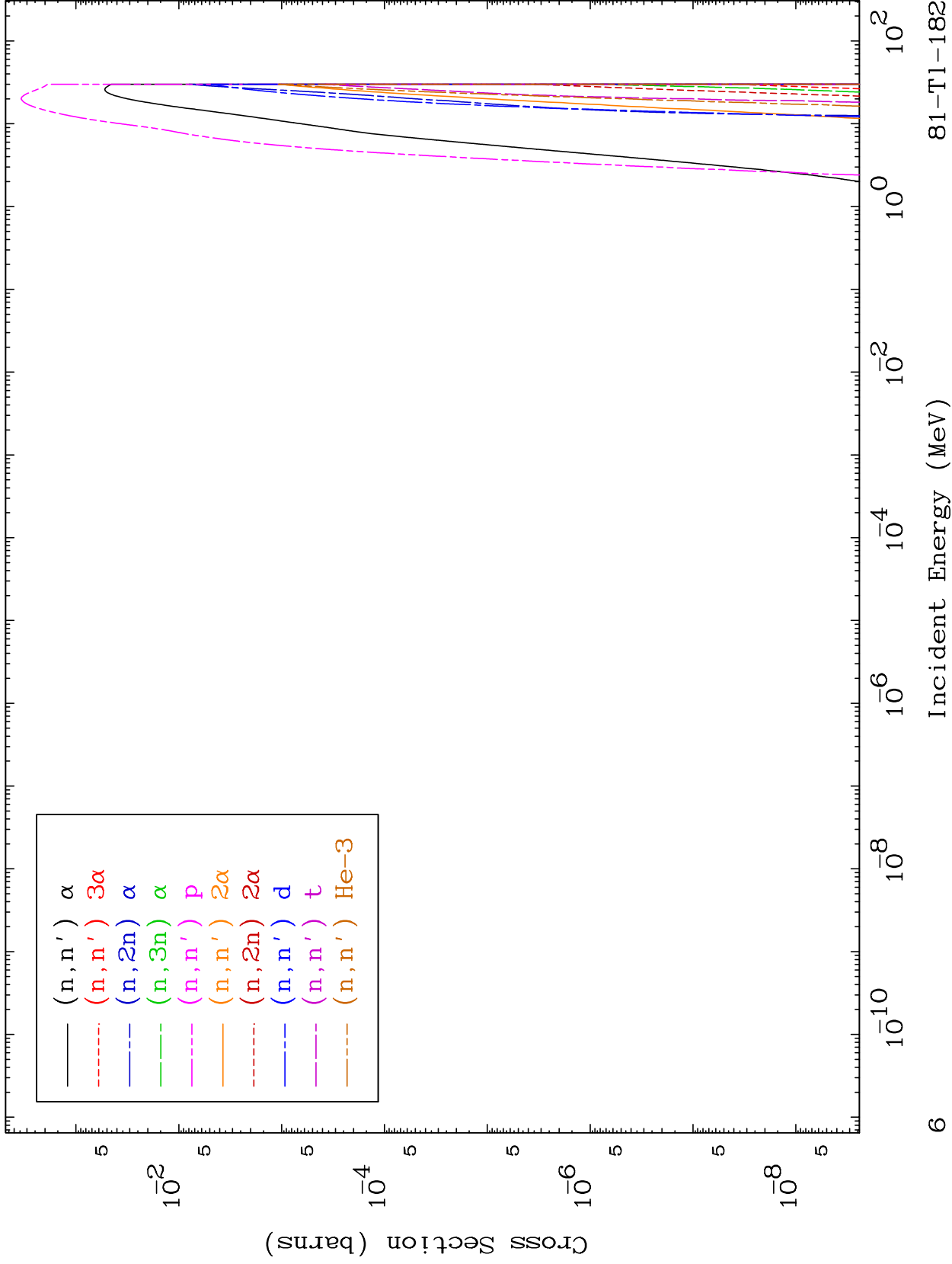
81-Tl-182



MAT 8062

293 Charged Particle
Kelvin Cross Sections

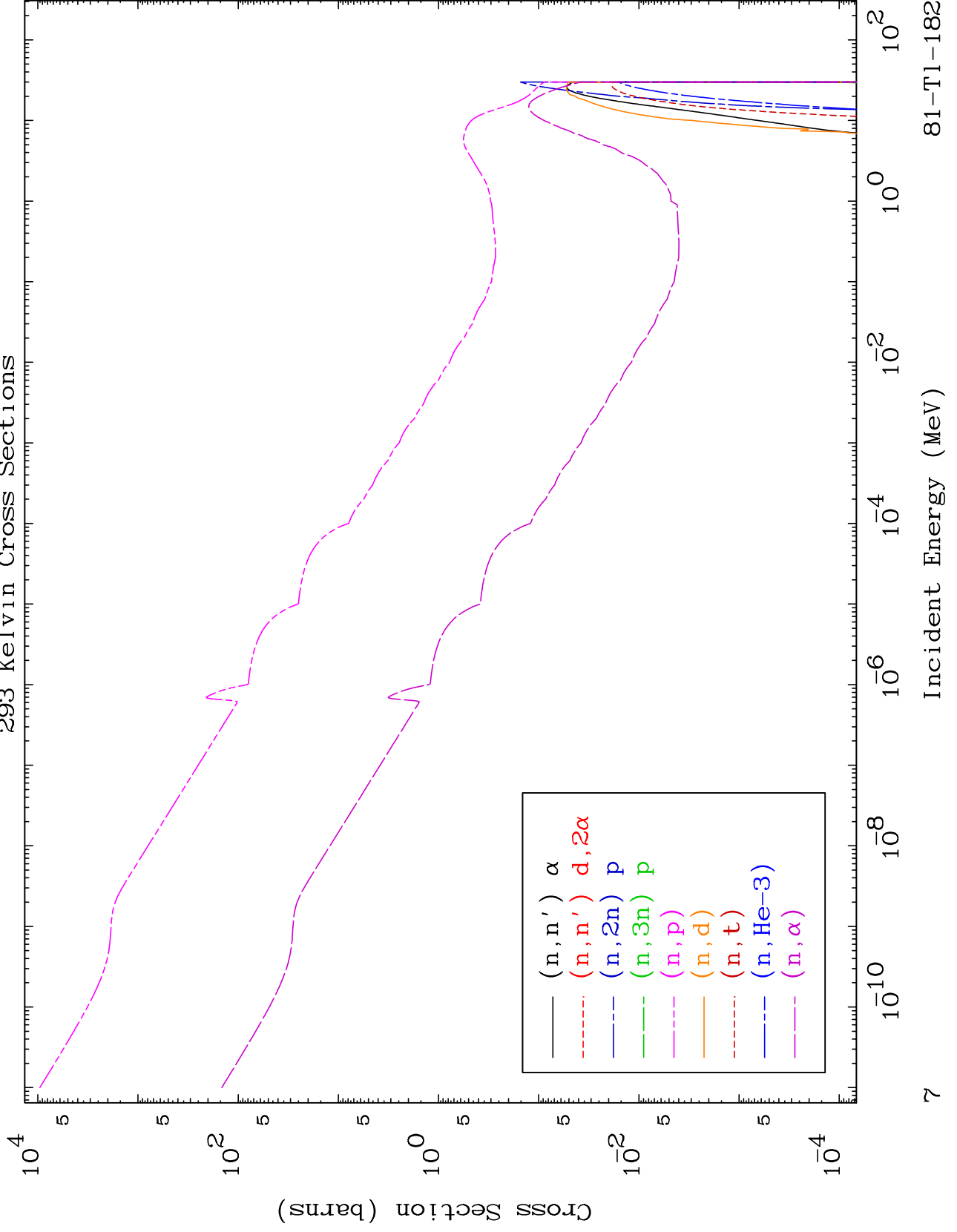
81-Tl-182



MAT 8062

Charged Particle
293 Kelvin Cross Sections

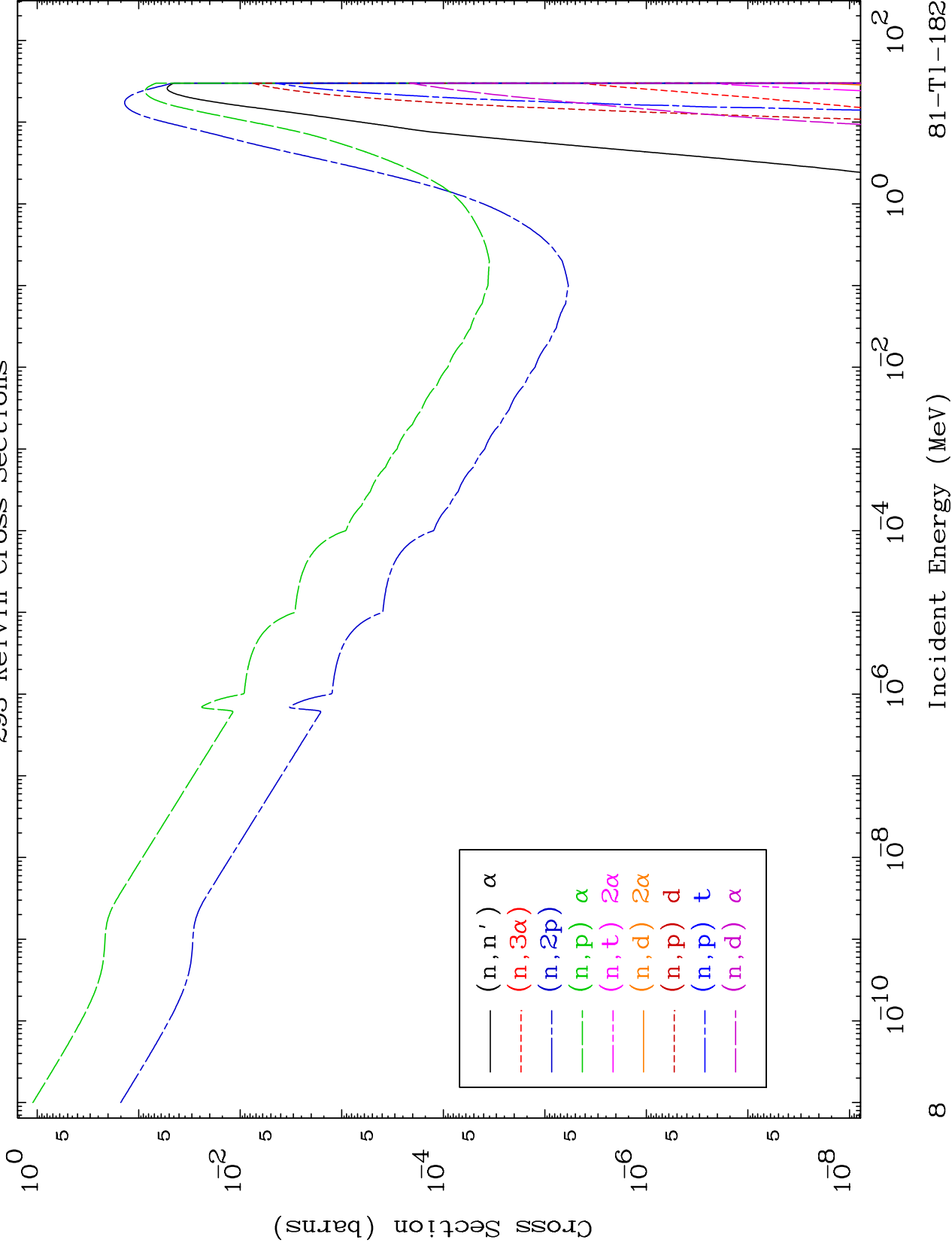
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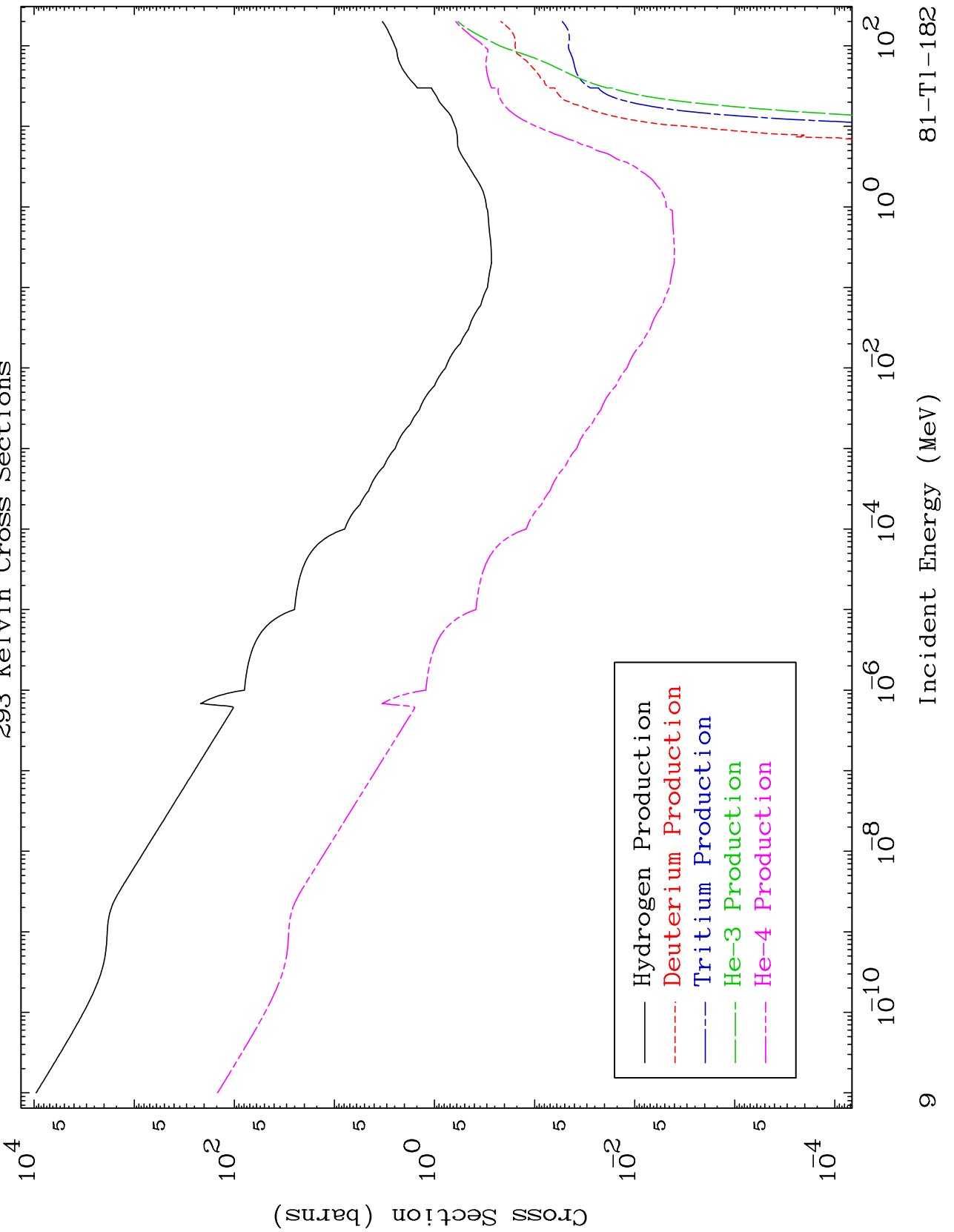


MAT 8062

Charged Particle
293 Kelvin Cross Sections

81-Tl-182

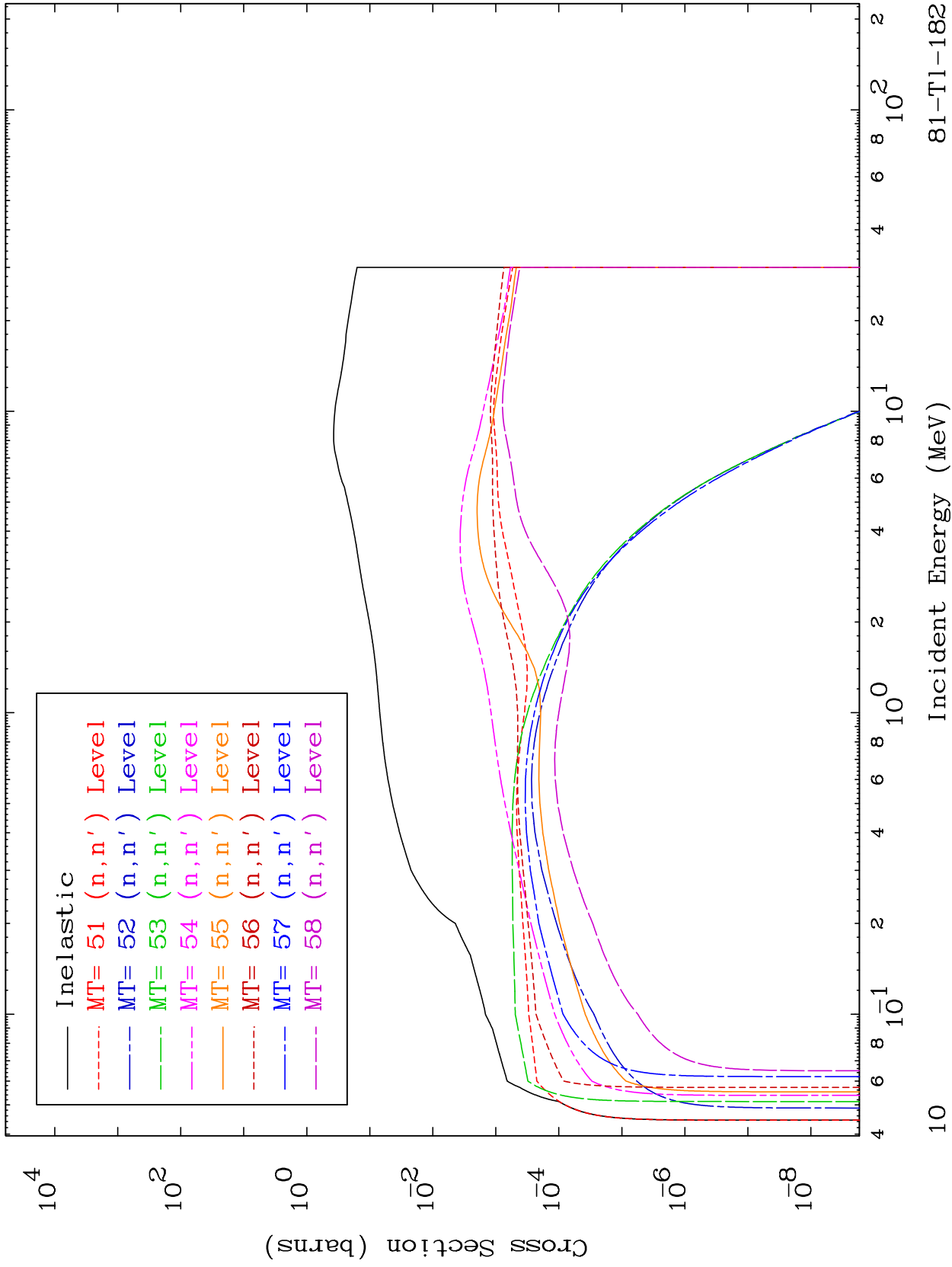




MAT 8062

293 Kelvin Cross Sections
(n,n') Levels

81-Tl-182



10

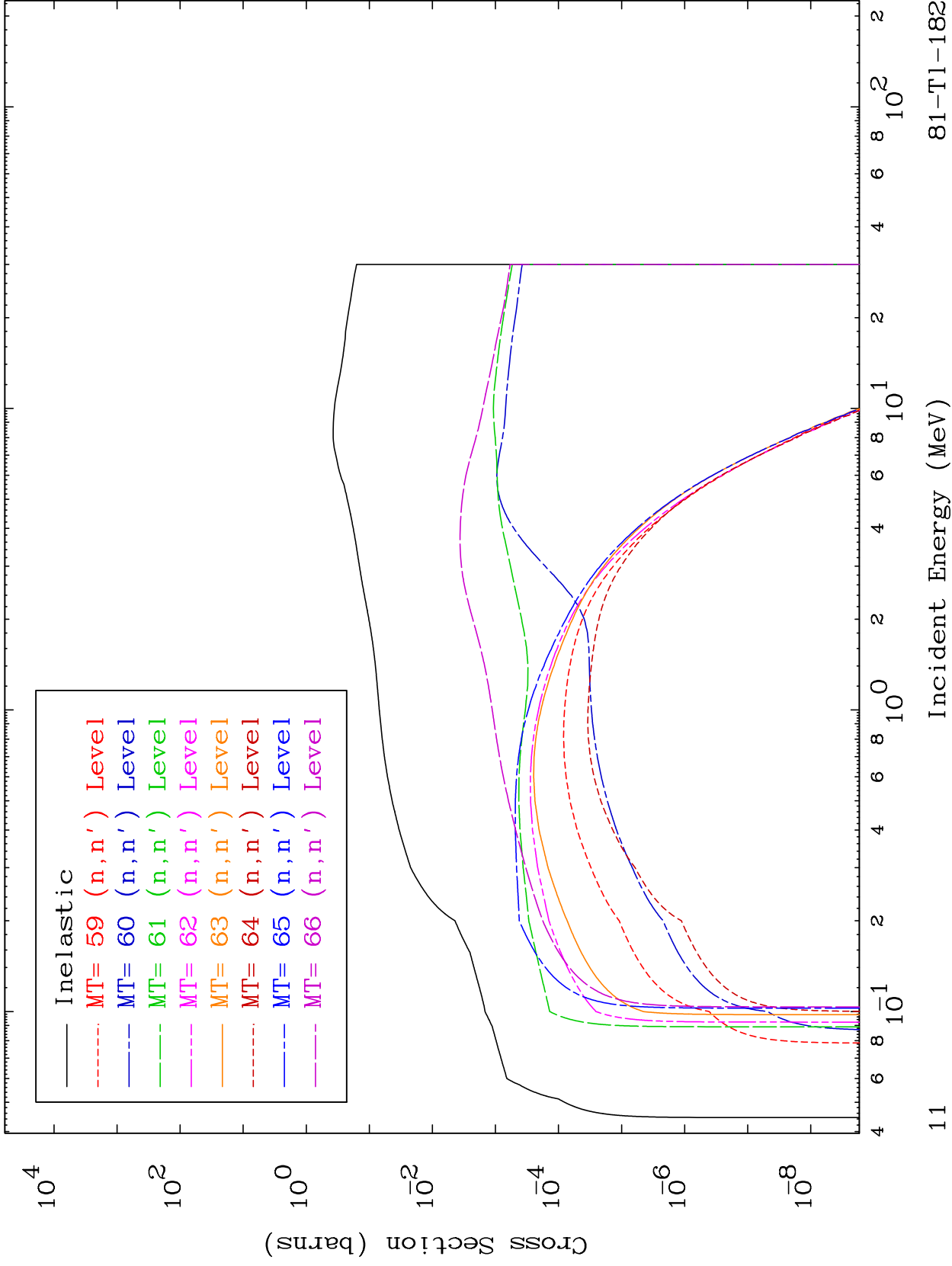
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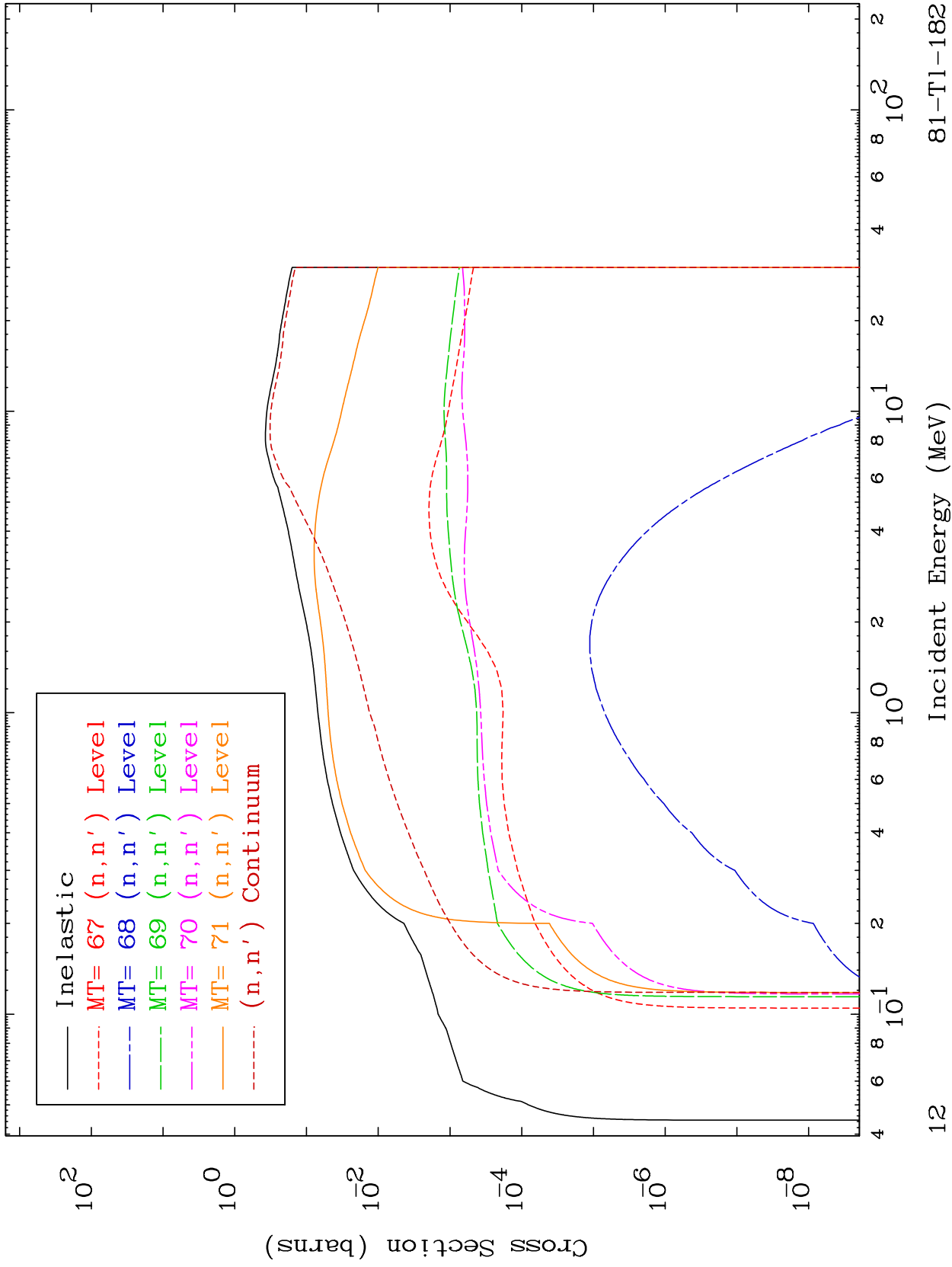
81-Tl-182

MAT 8062

(n,n') Levels
293 Kelvin Cross Sections

81-T1-182

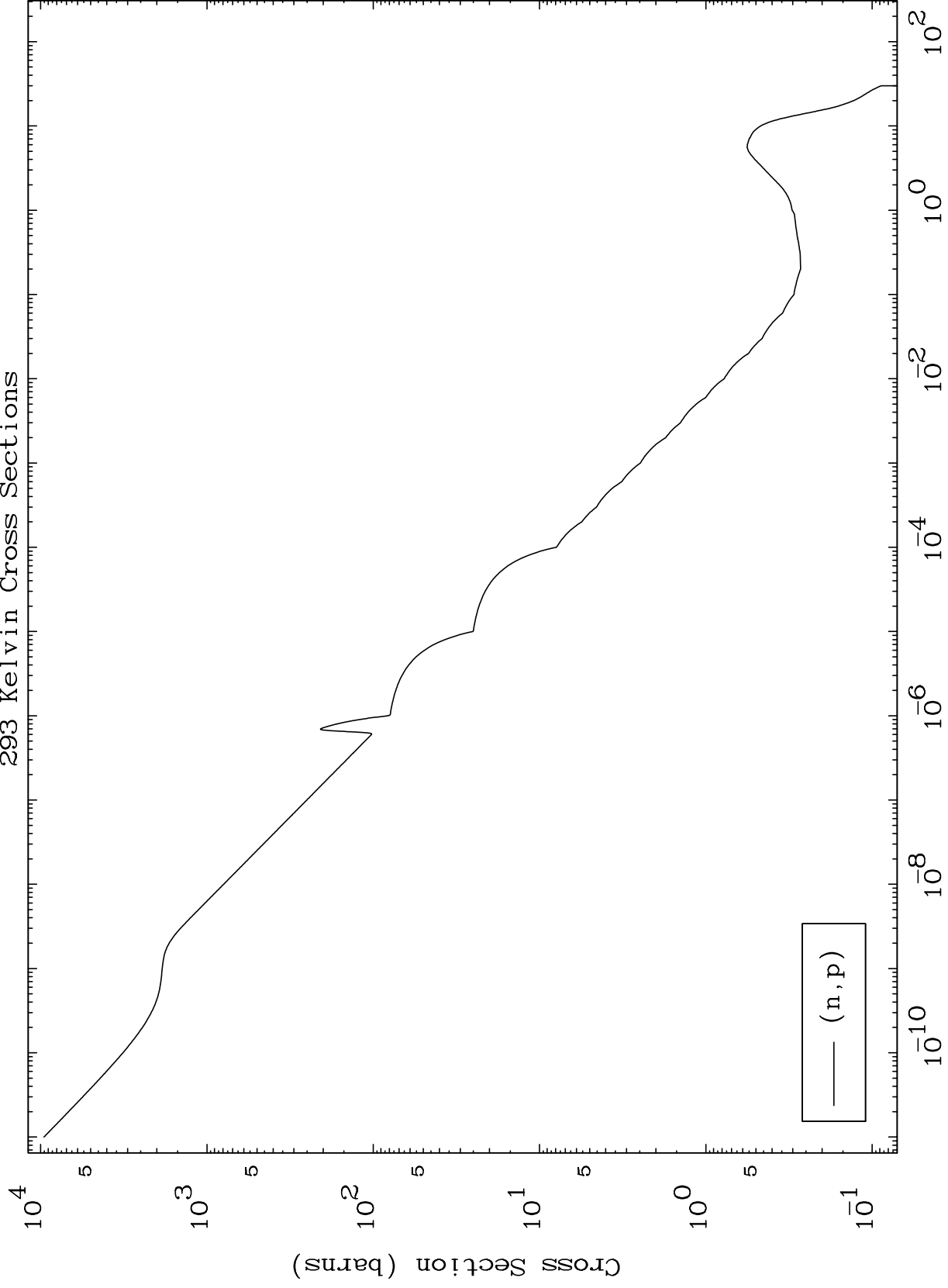




MAT 8062

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-182



13

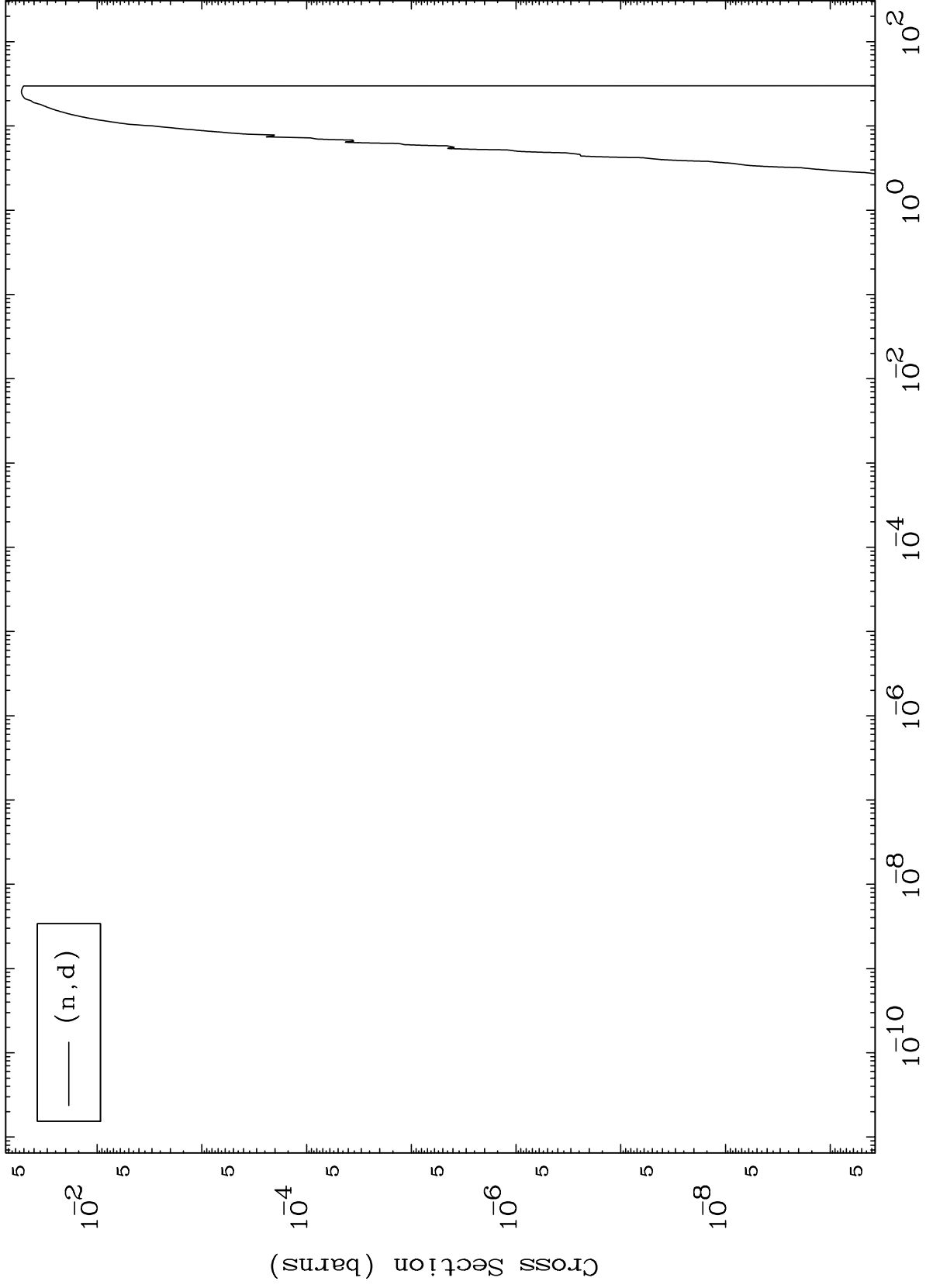
Incident Energy (MeV)

81-Tl-182

MAT 8062

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-182



14

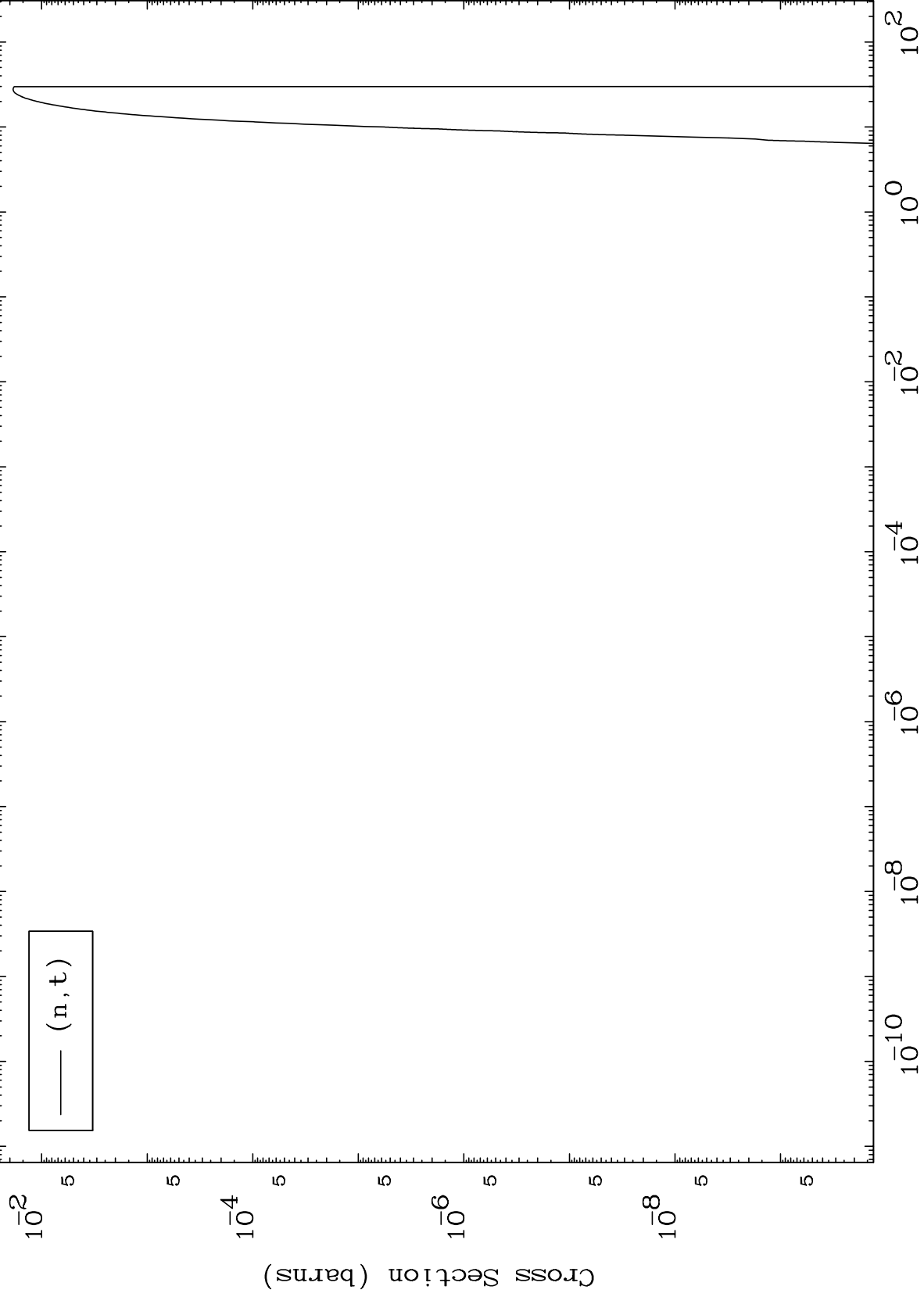
Incident Energy (MeV)

81-Tl-182

MAT 8062

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-182



15

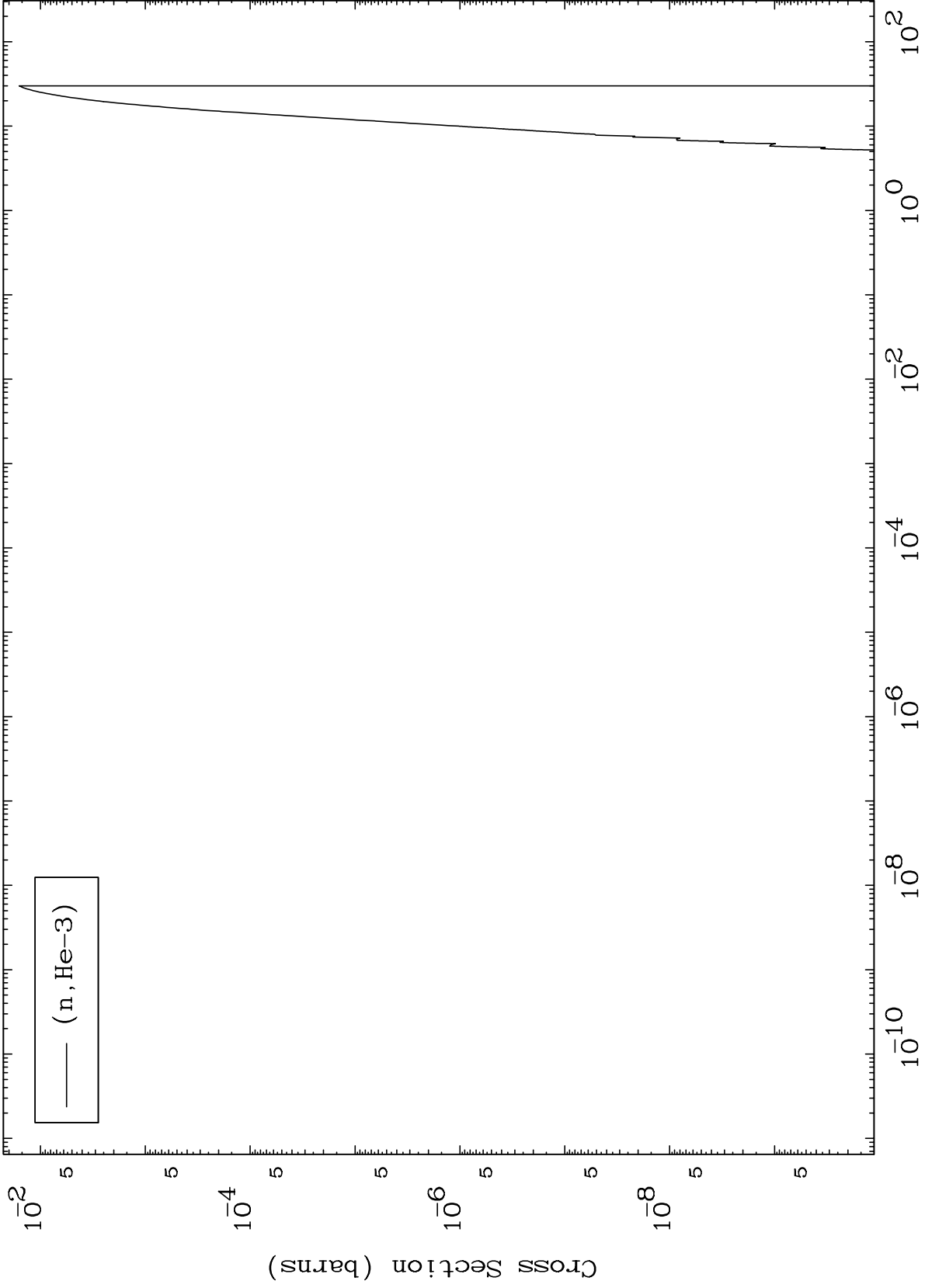
Incident Energy (MeV)

81-Tl-182

MAT 8062

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-182



16

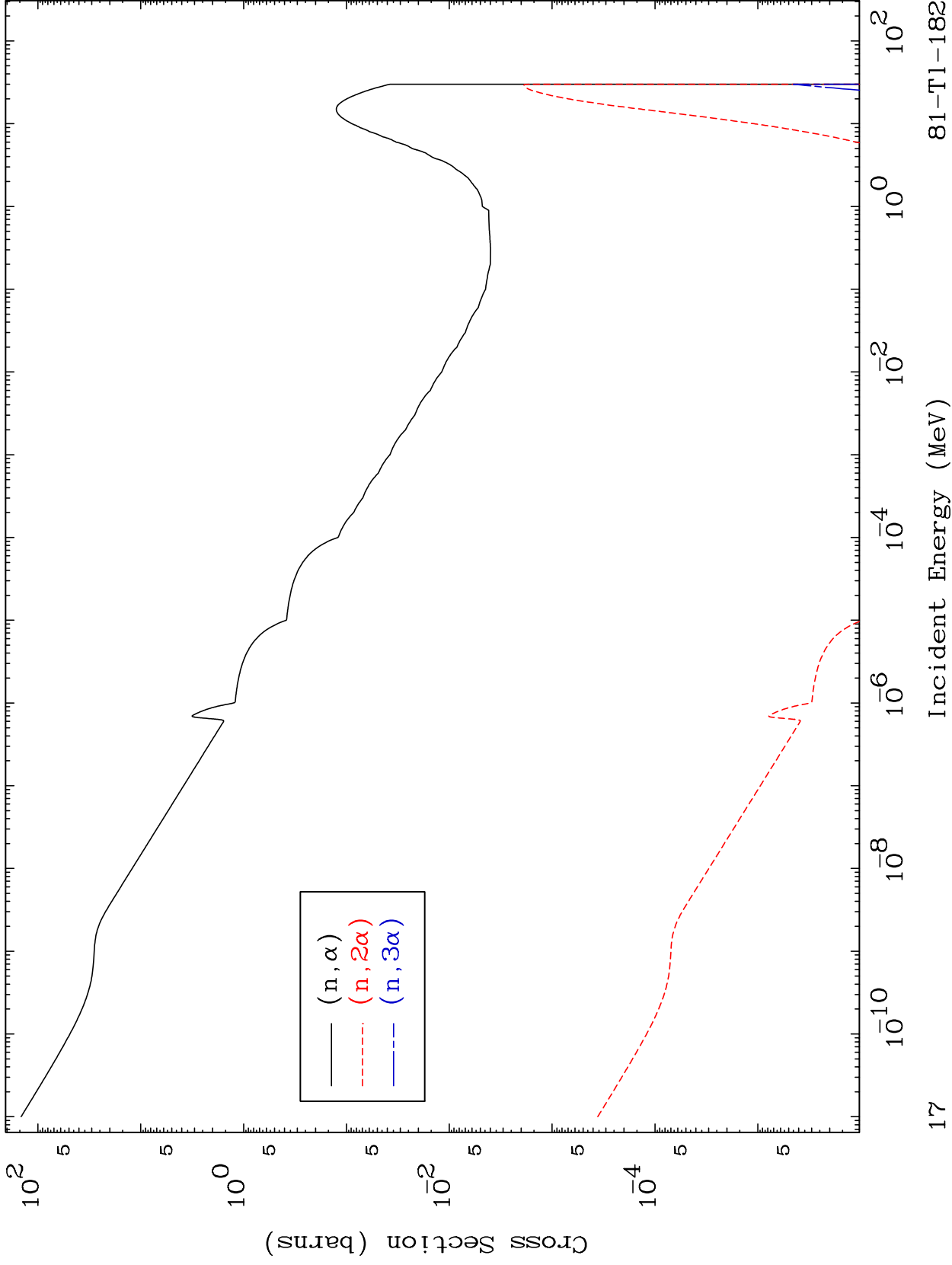
Incident Energy (MeV)

81-T1-182

MAT 8062

(n,α) Levels
293 Kelvin Cross Sections

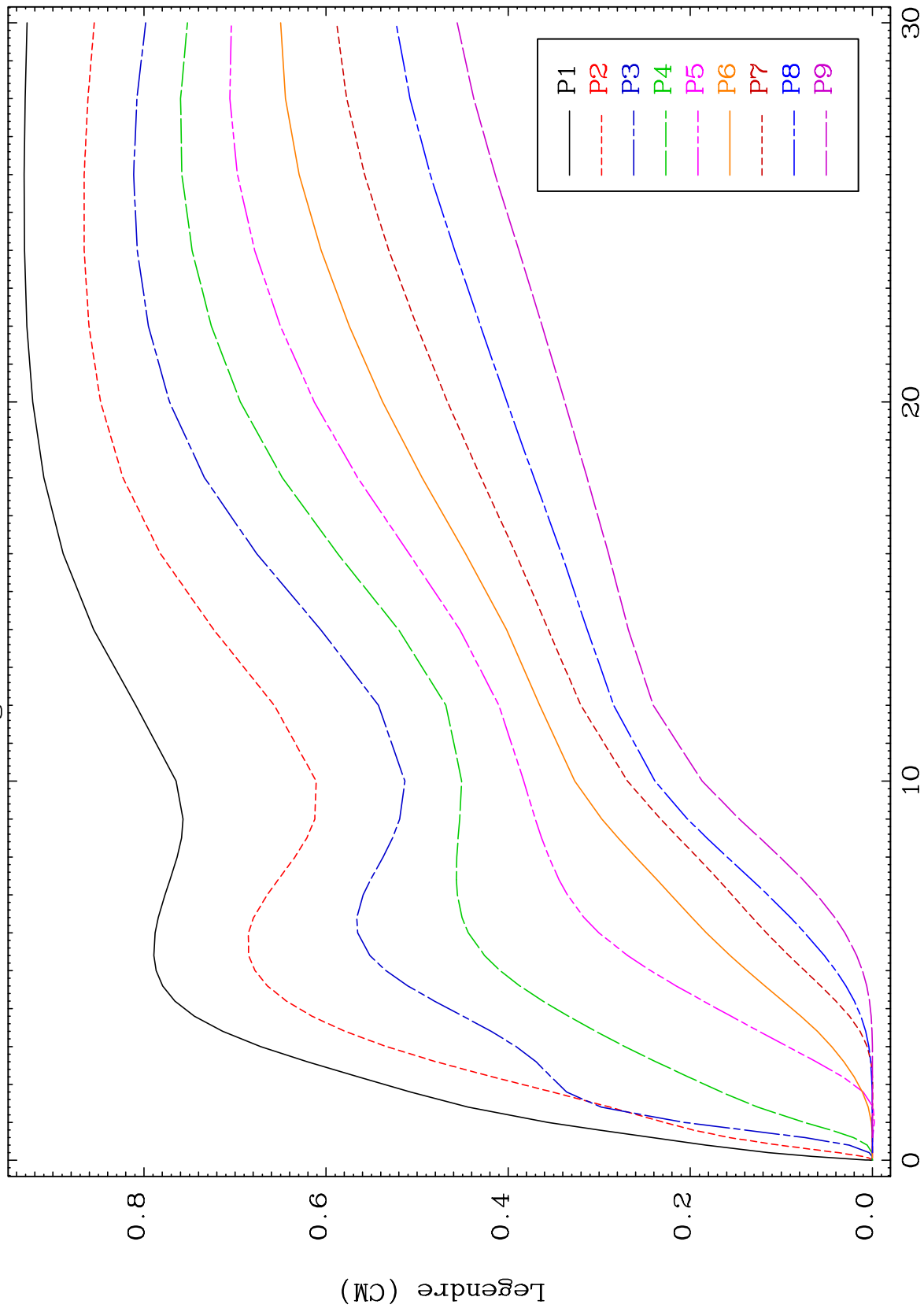
81-T1-182



MAT 8062

Elastic Legendre Coefficients

81-Tl-182



18

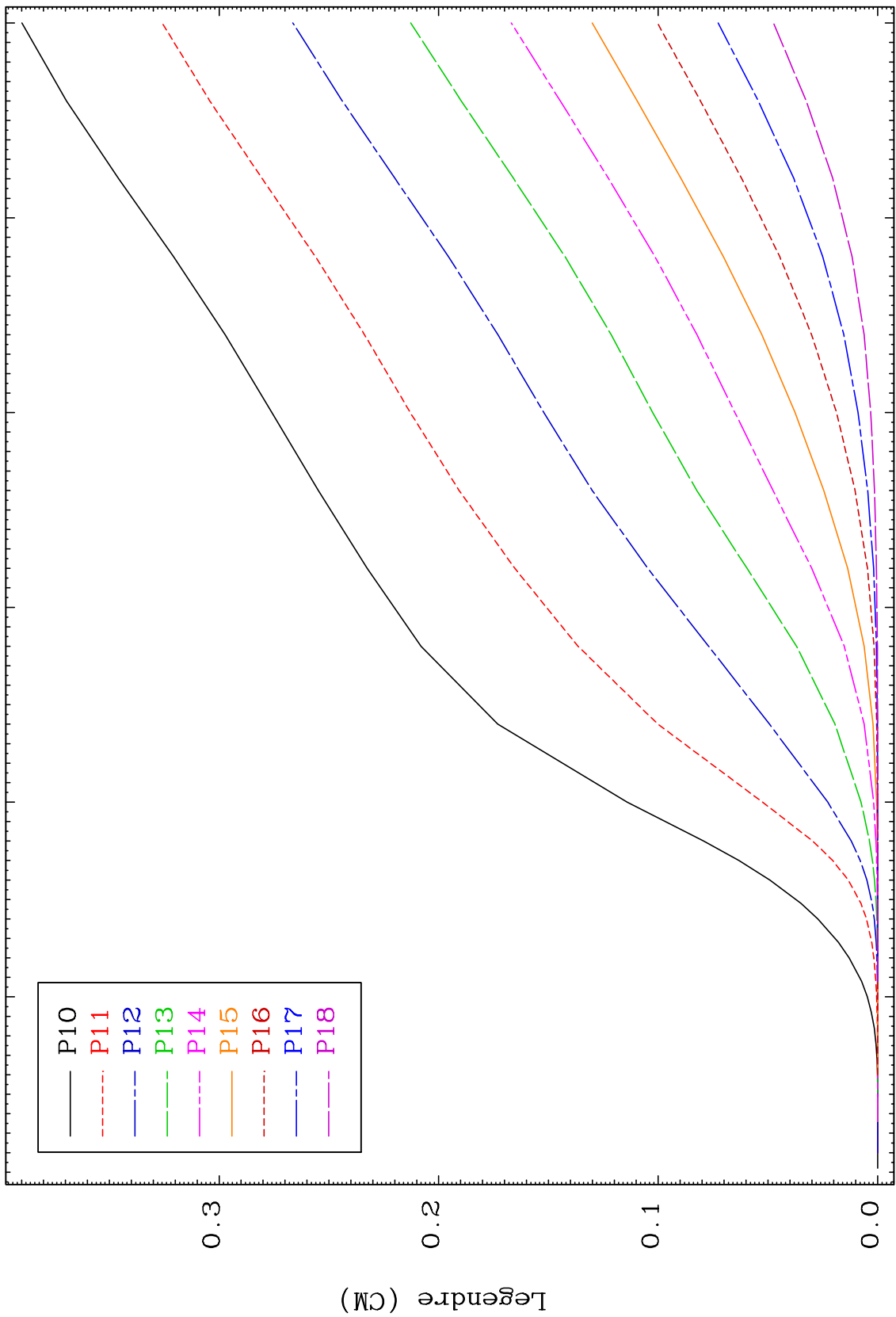
Incident Energy (MeV)

81-Tl-182

MAT 8062

Elastic Legendre Coefficients

81-Tl-182



19

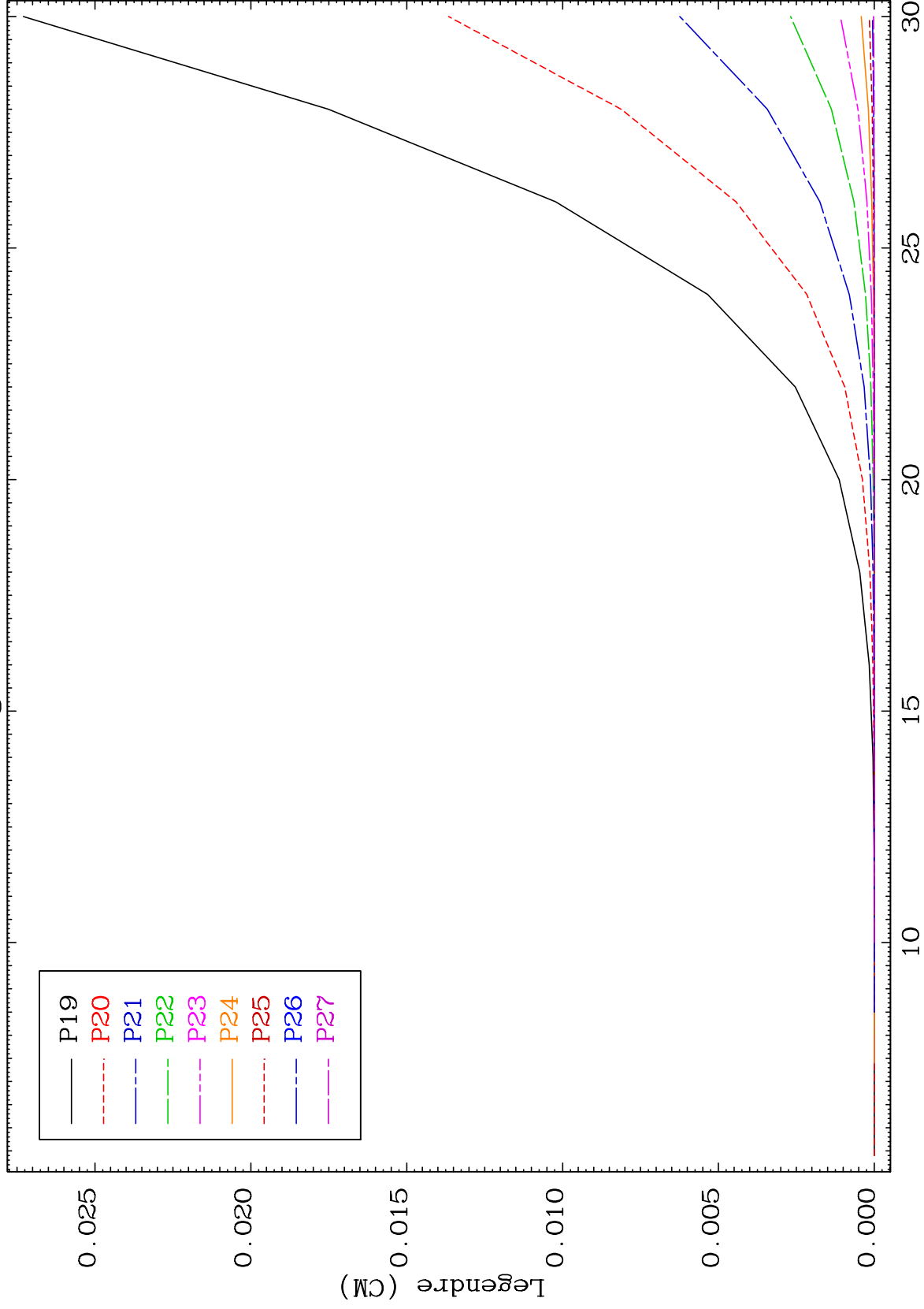
Incident Energy (MeV)

81-Tl-182

MAT 8062

Elastic Legendre Coefficients

81-T1-182



20

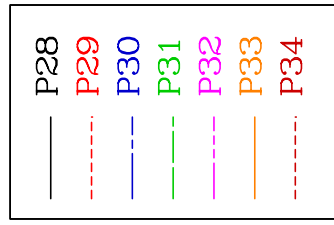
Incident Energy (MeV)

81-T1-182

MAT 8062

Elastic Legendre Coefficients

81-T1-182



$\times 10^{-6}$

6

4

2

0

15

20

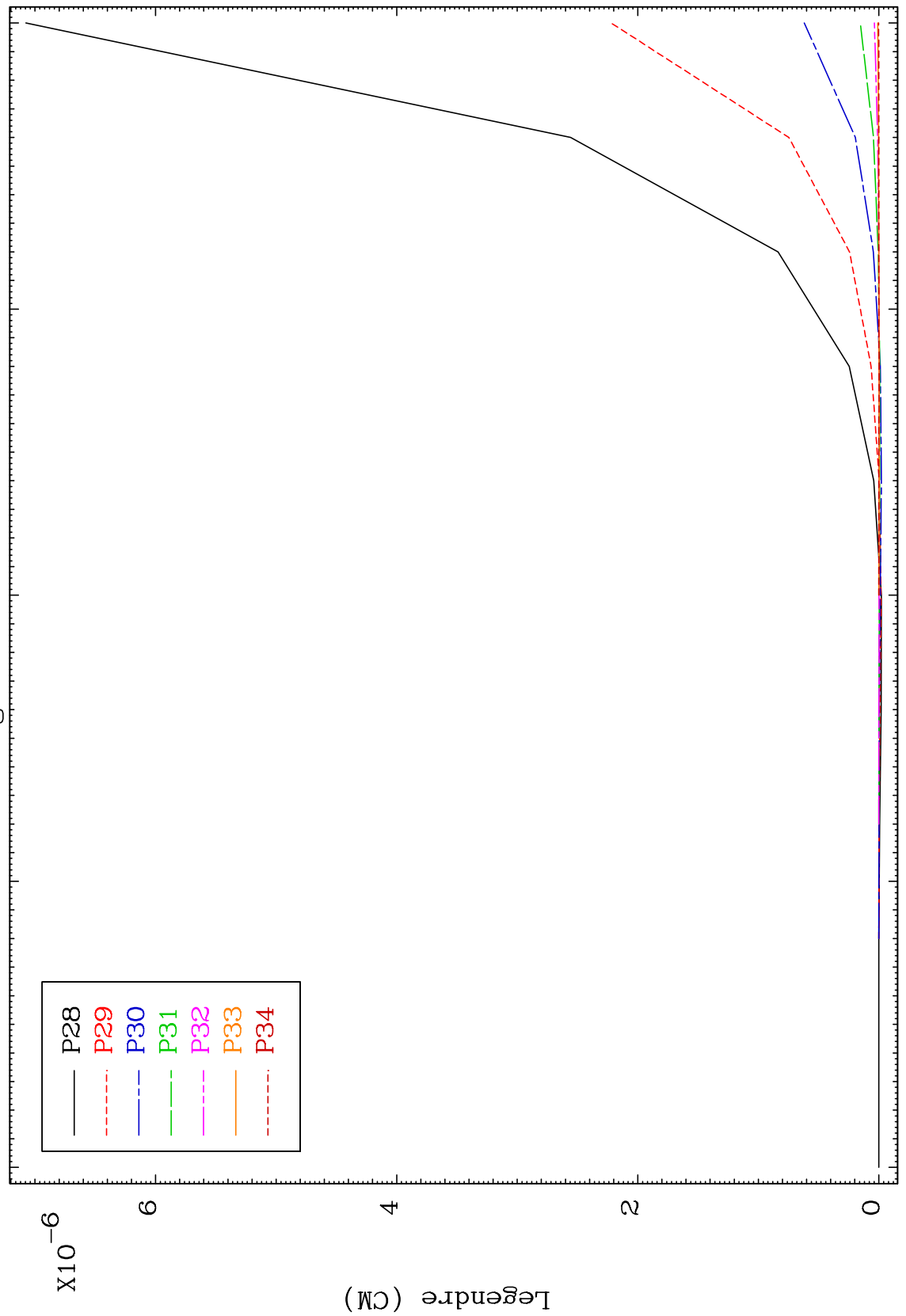
25

30

21

Incident Energy (MeV)

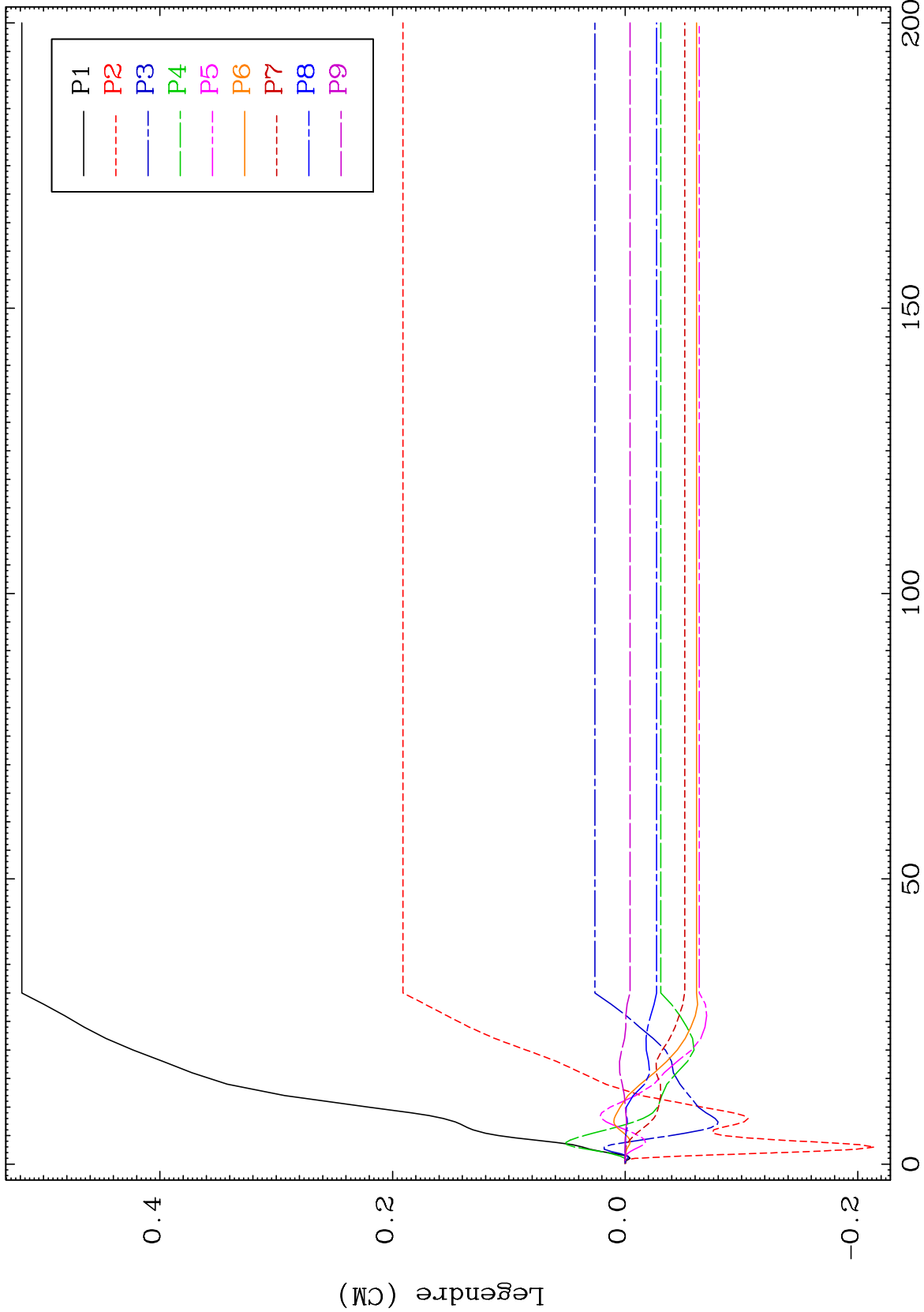
81-T1-182



MAT 8062

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

81-Tl-182



22

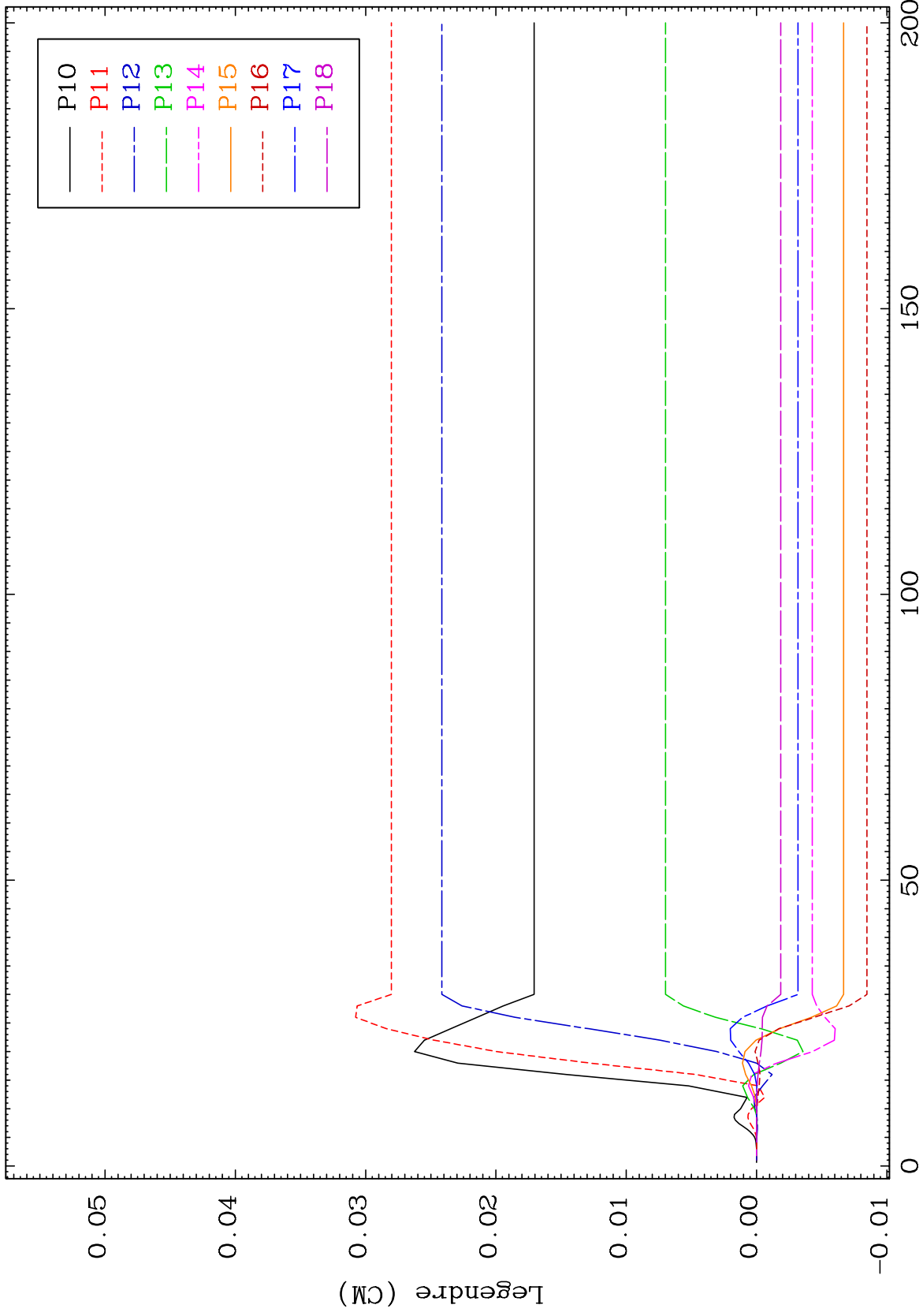
Incident Energy (MeV)

81-Tl-182

MAT 8062

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

81-T1-182



23

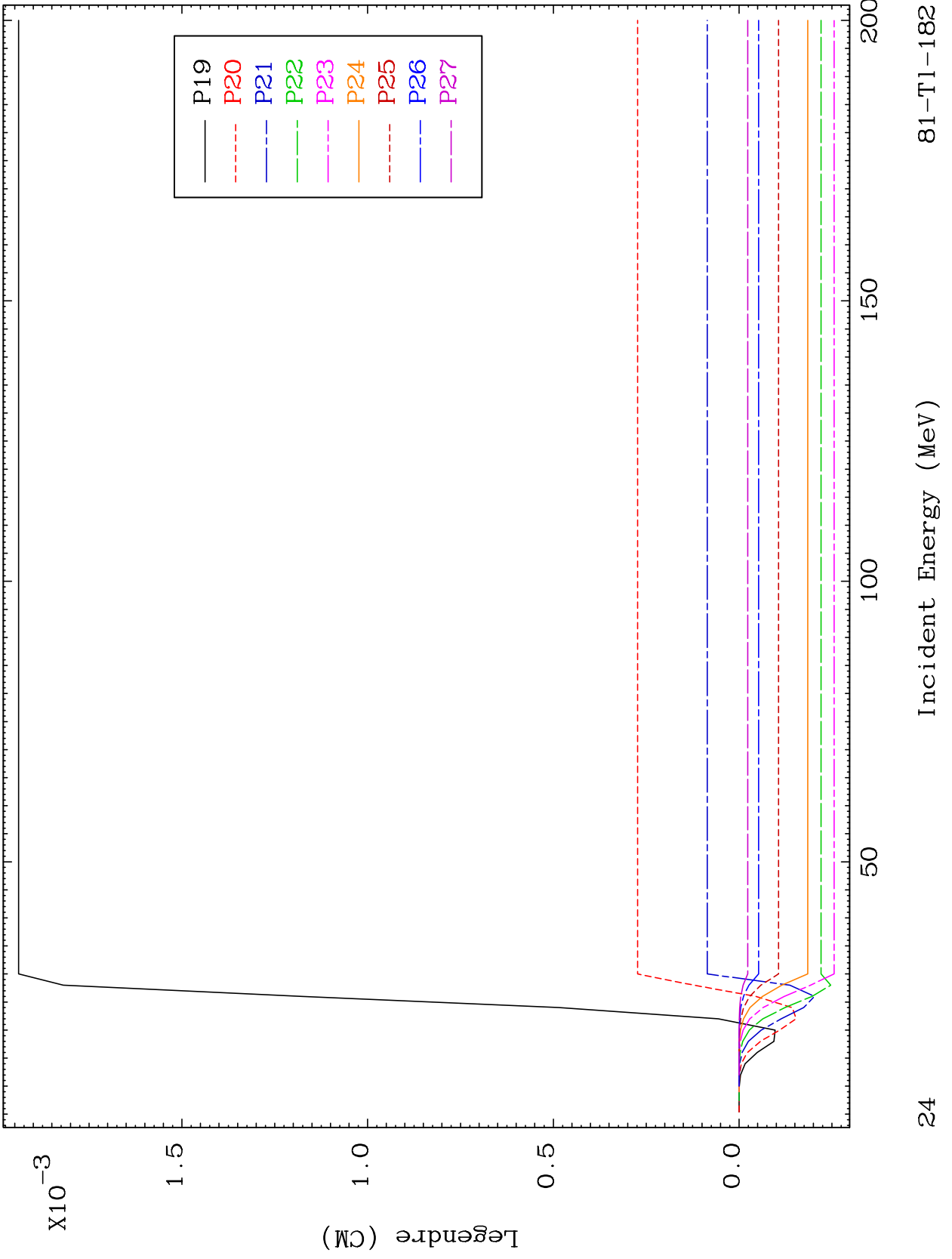
Incident Energy (MeV)

81-T1-182

MAT 8062

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

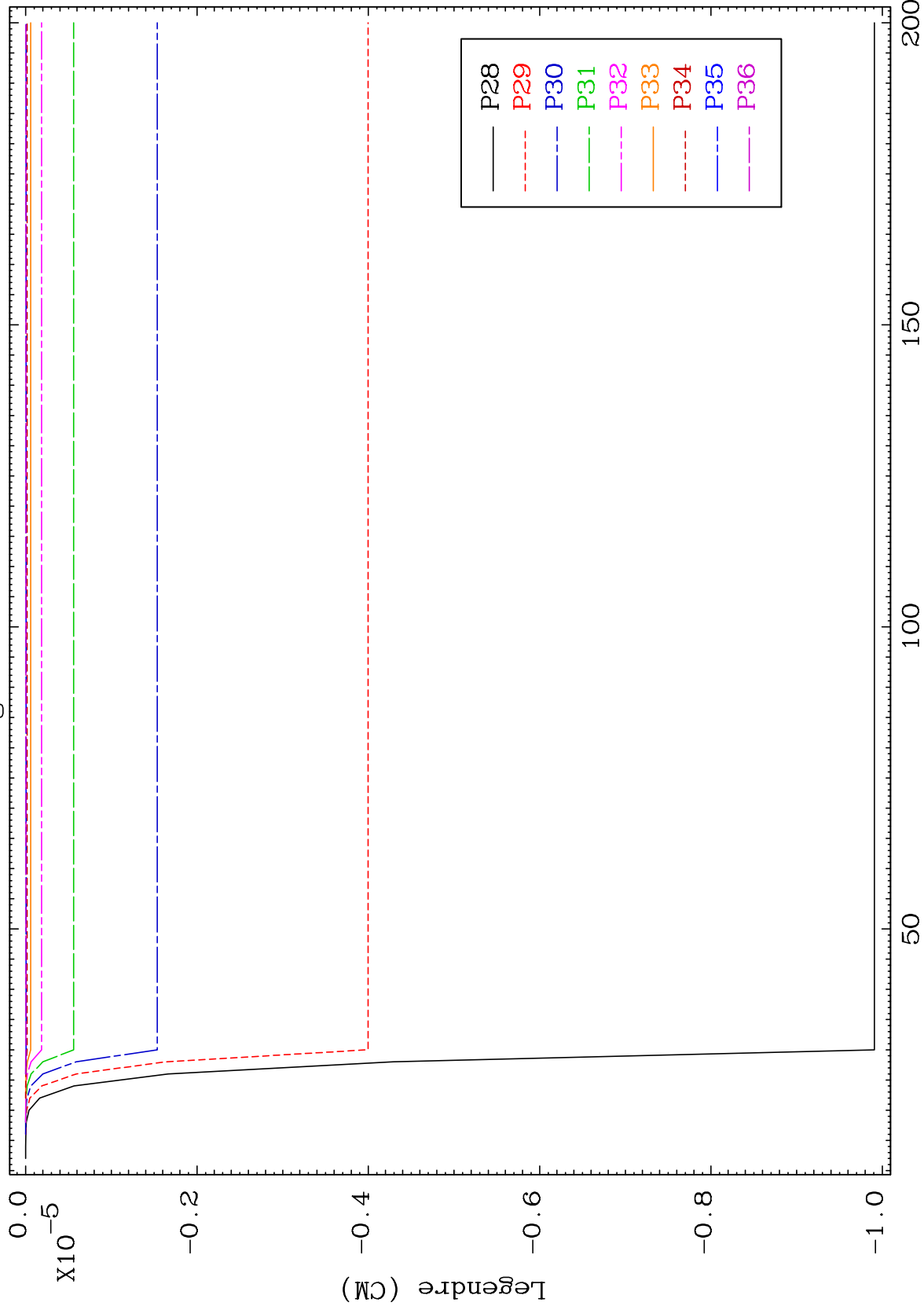
81-Tl-182



MAT 8062

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

81-T1-182



81-T1-182

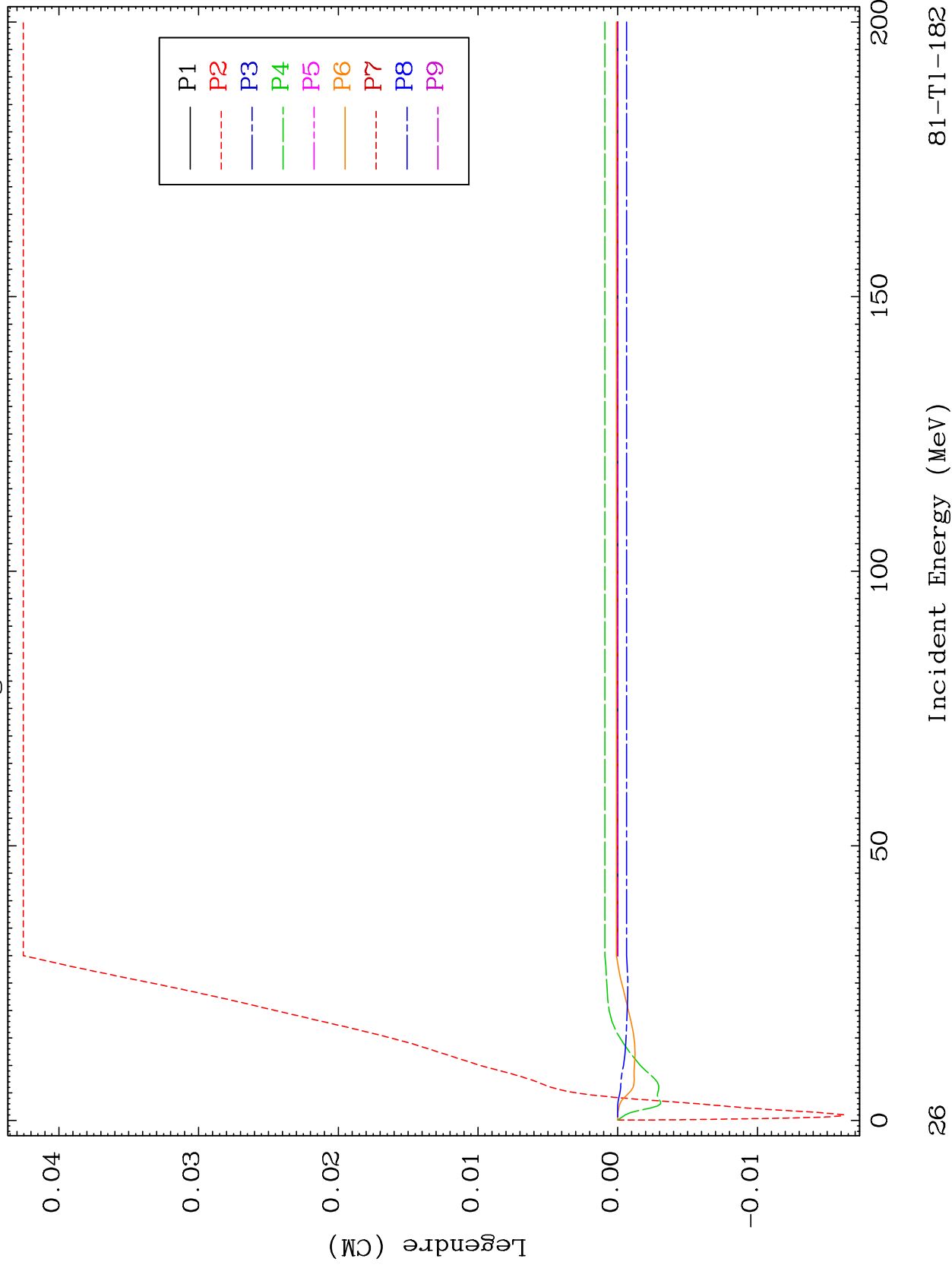
Incident Energy (MeV)

25

MAT 8062

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

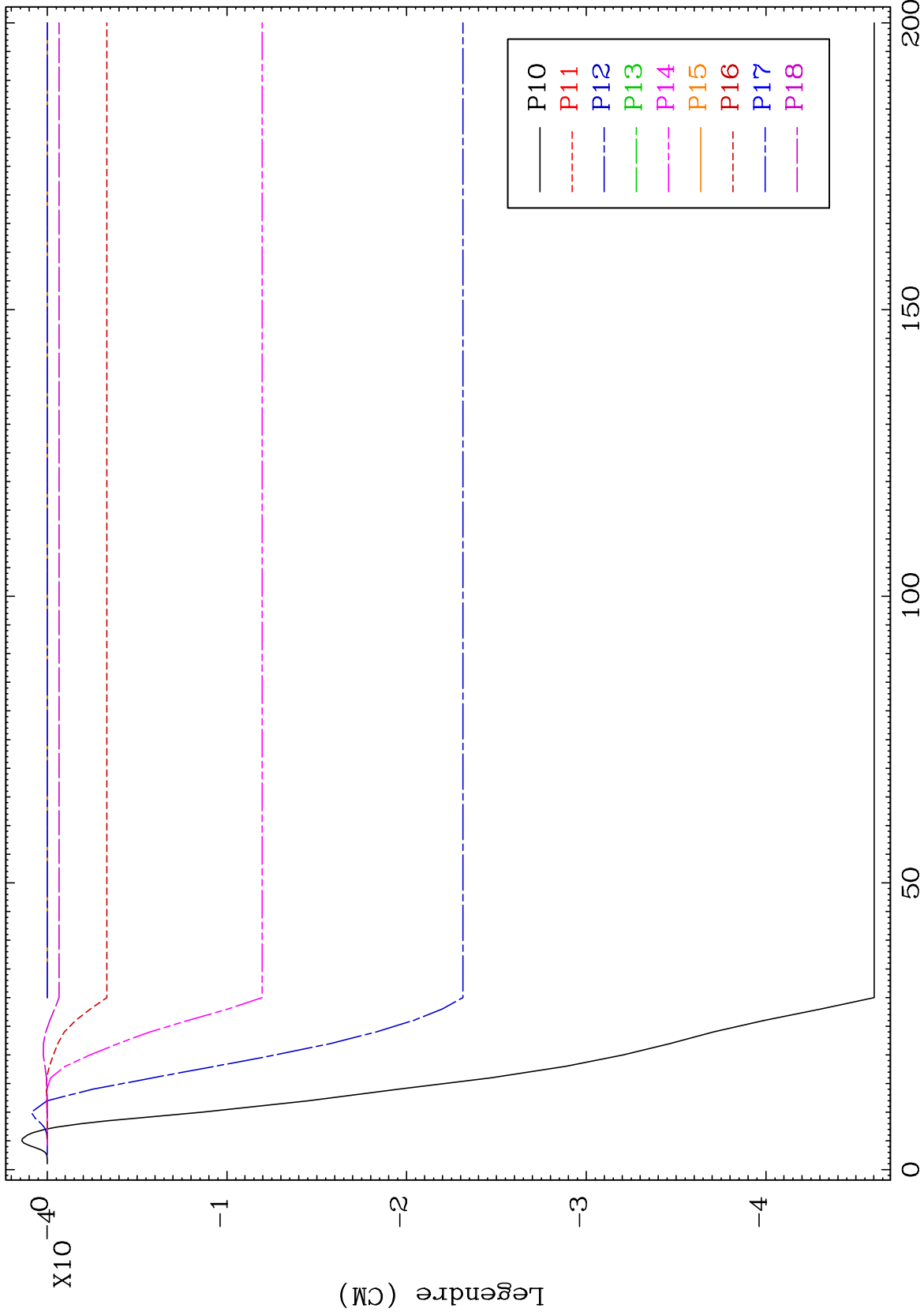
81-T1-182



MAT 8062

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

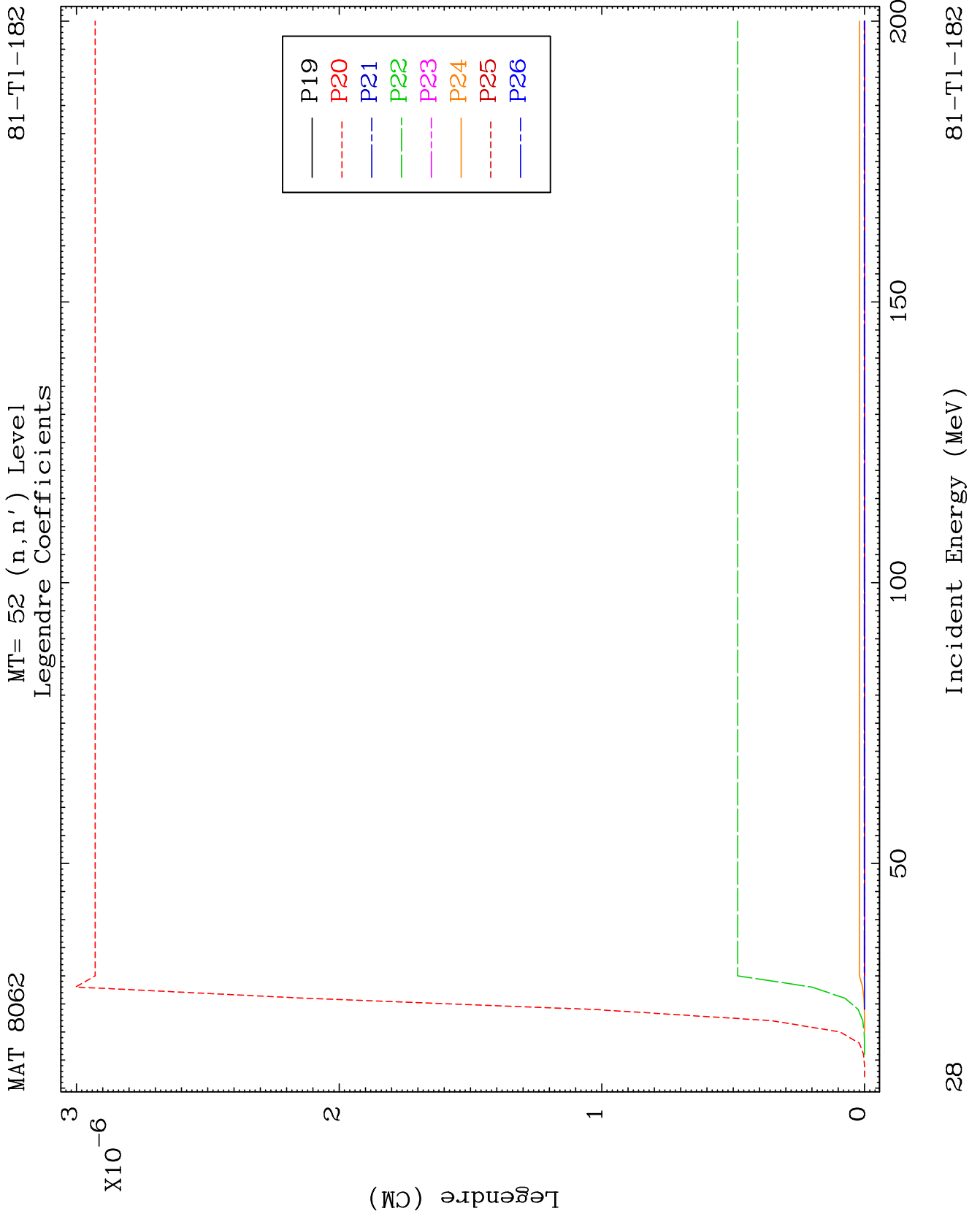
81-Tl-182



27

Incident Energy (MeV)

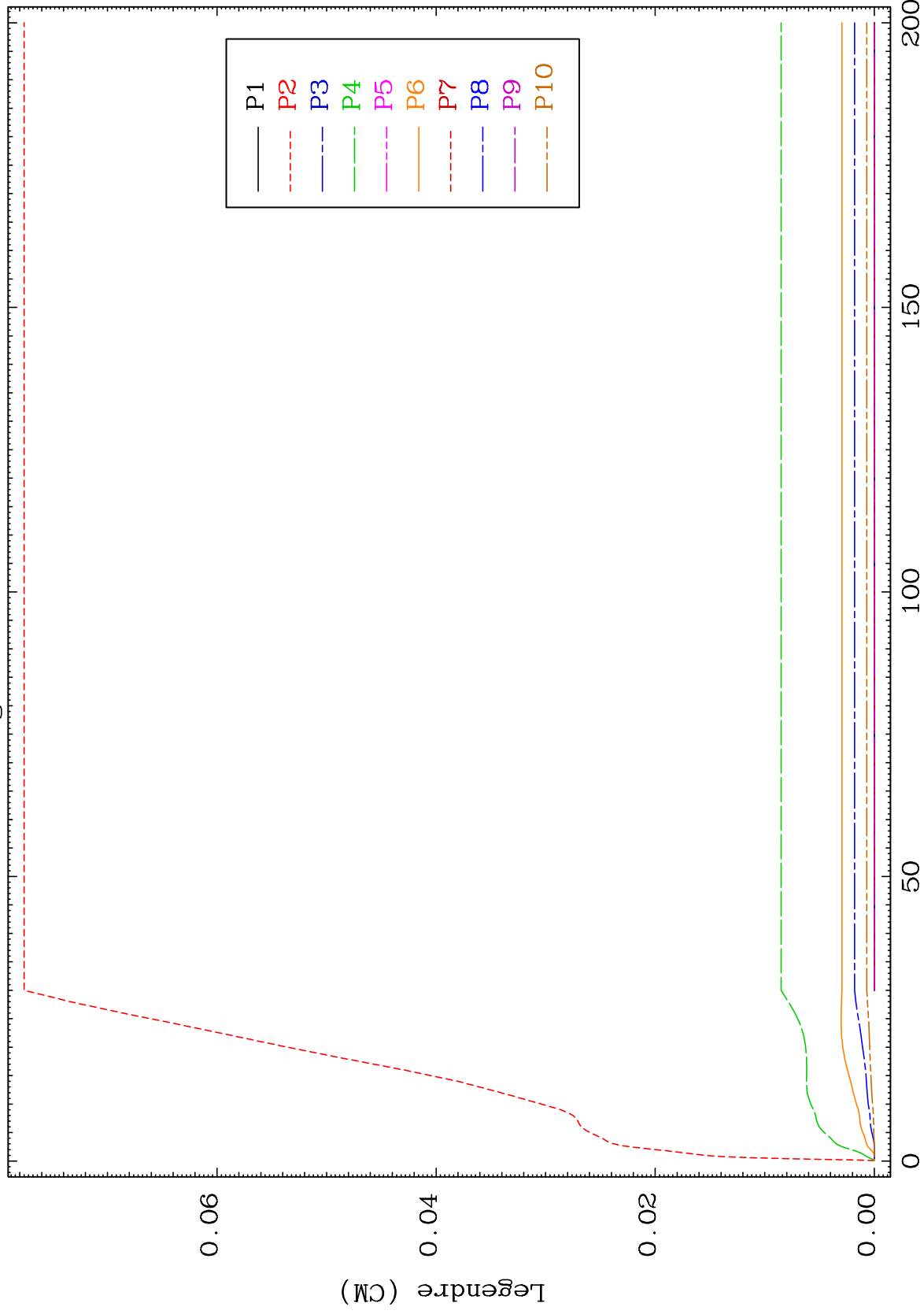
81-Tl-182



MAT 8062

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

81-T1-182



29

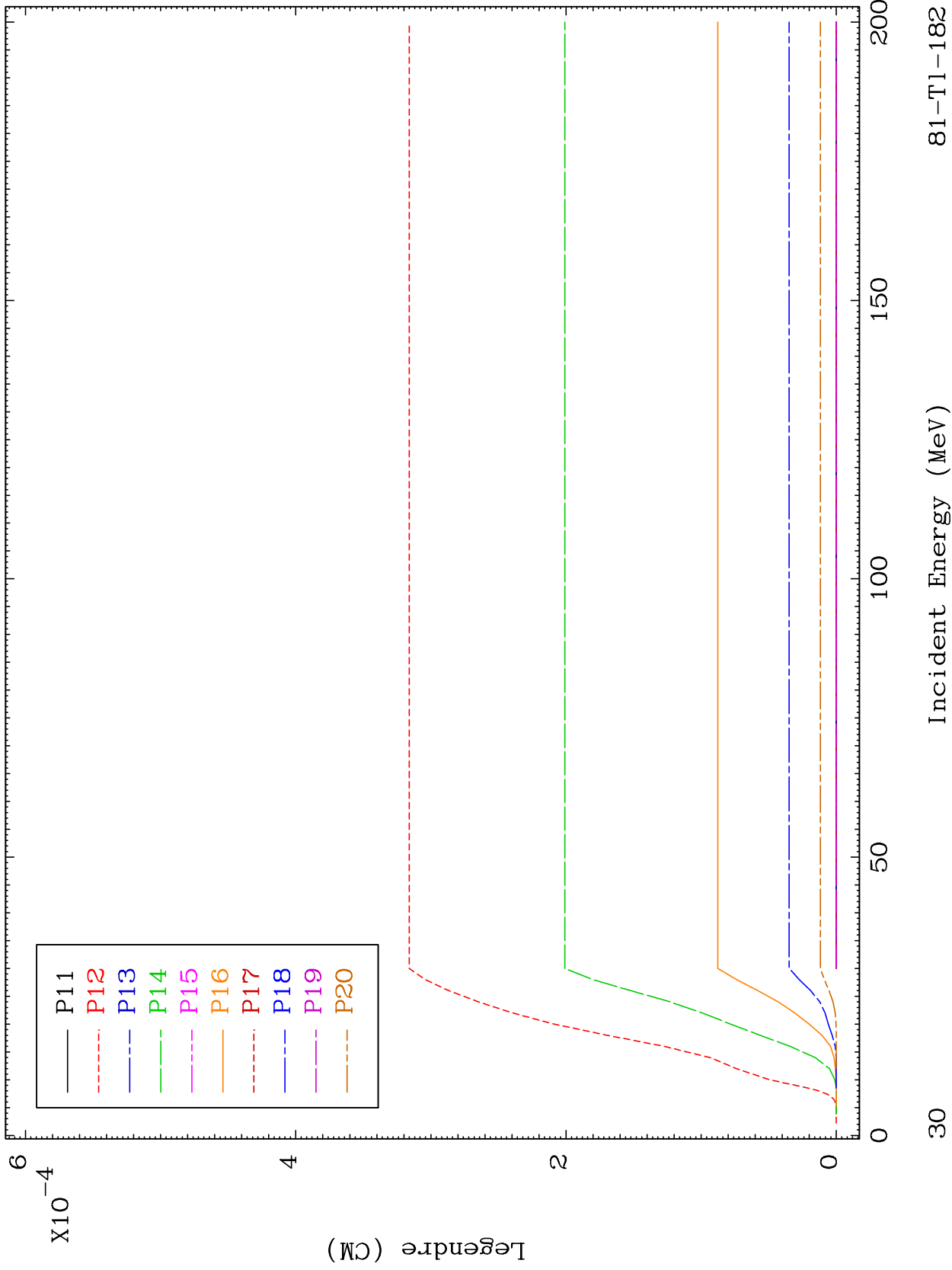
Incident Energy (MeV)

81-T1-182

MAT 8062

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

81-Tl-182



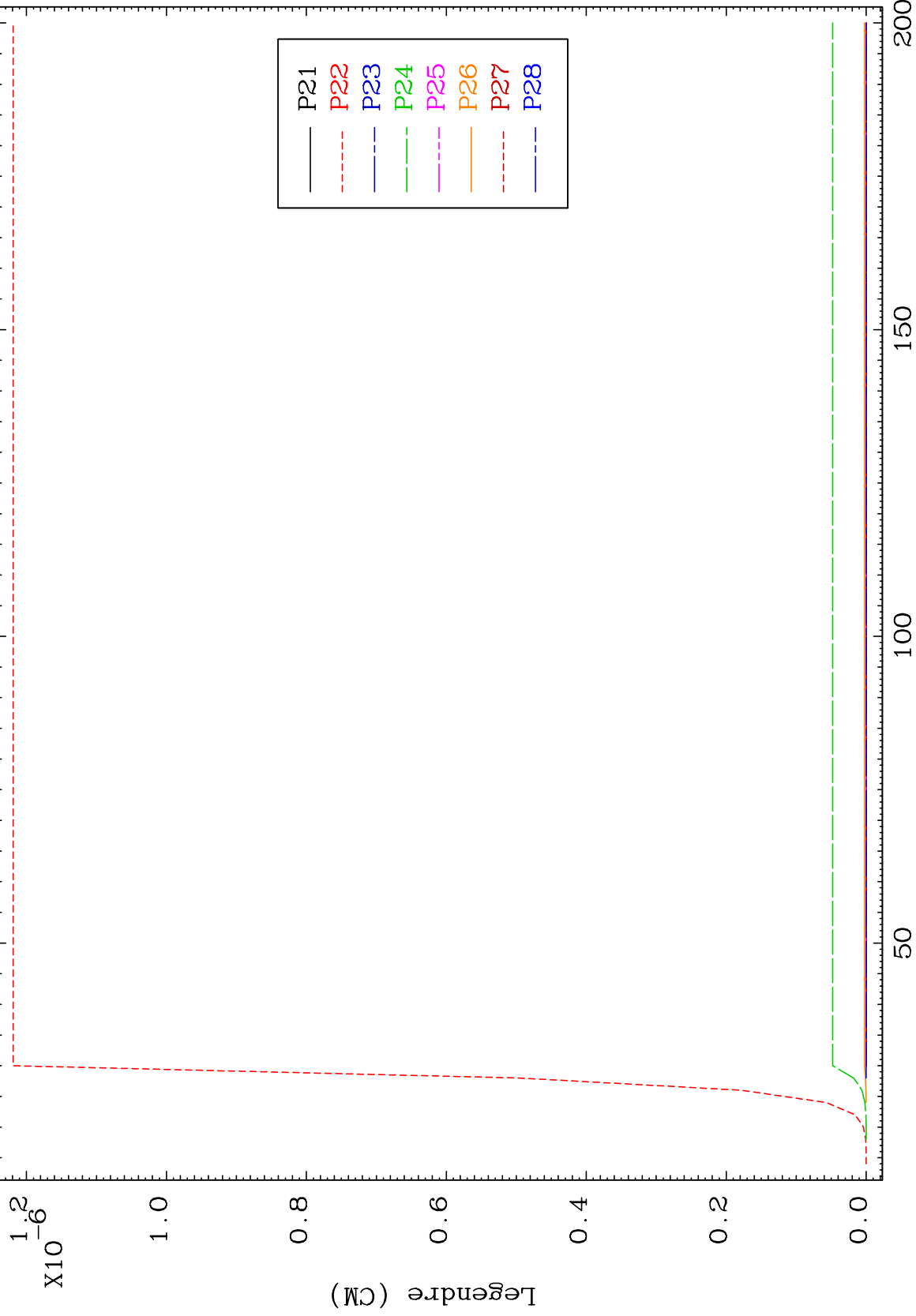
81-Tl-182

Incident Energy (MeV)

MAT 8062

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

81-T1-182



31

Incident Energy (MeV)

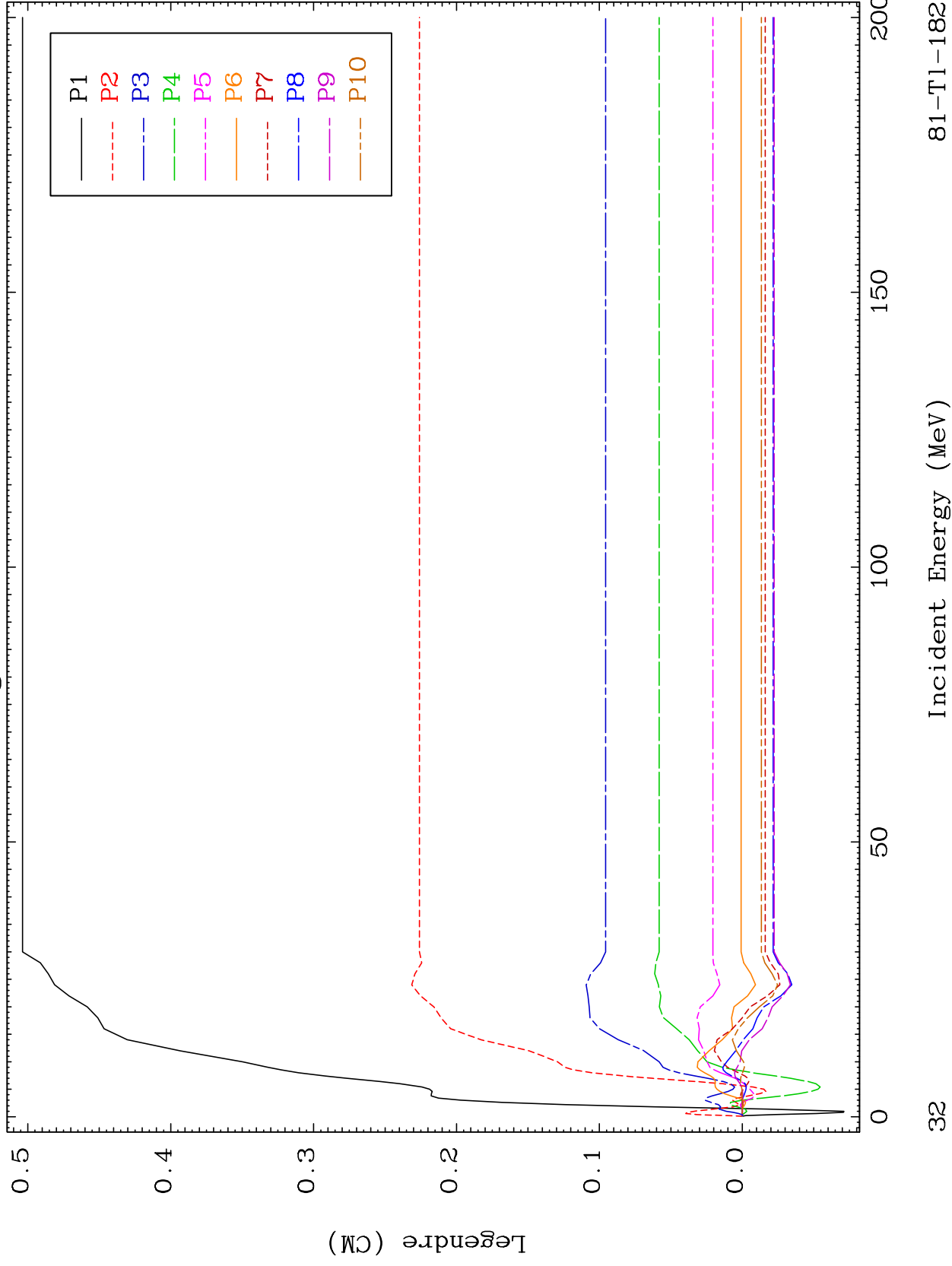
81-T1-182

MAT 8062

MT= 54 (n,n') Level

81-Tl-182

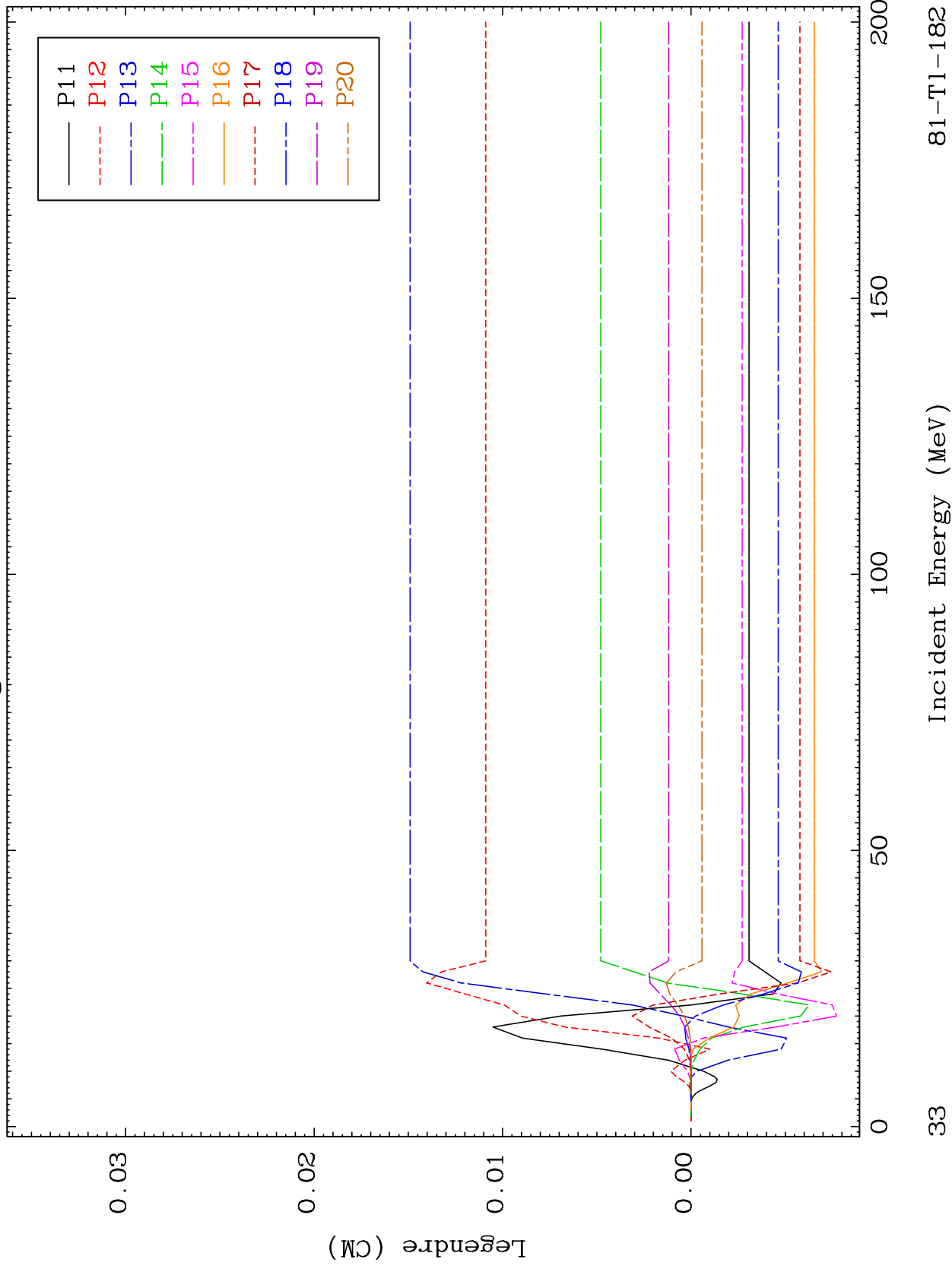
Legendre Coefficients



MAT 8062

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

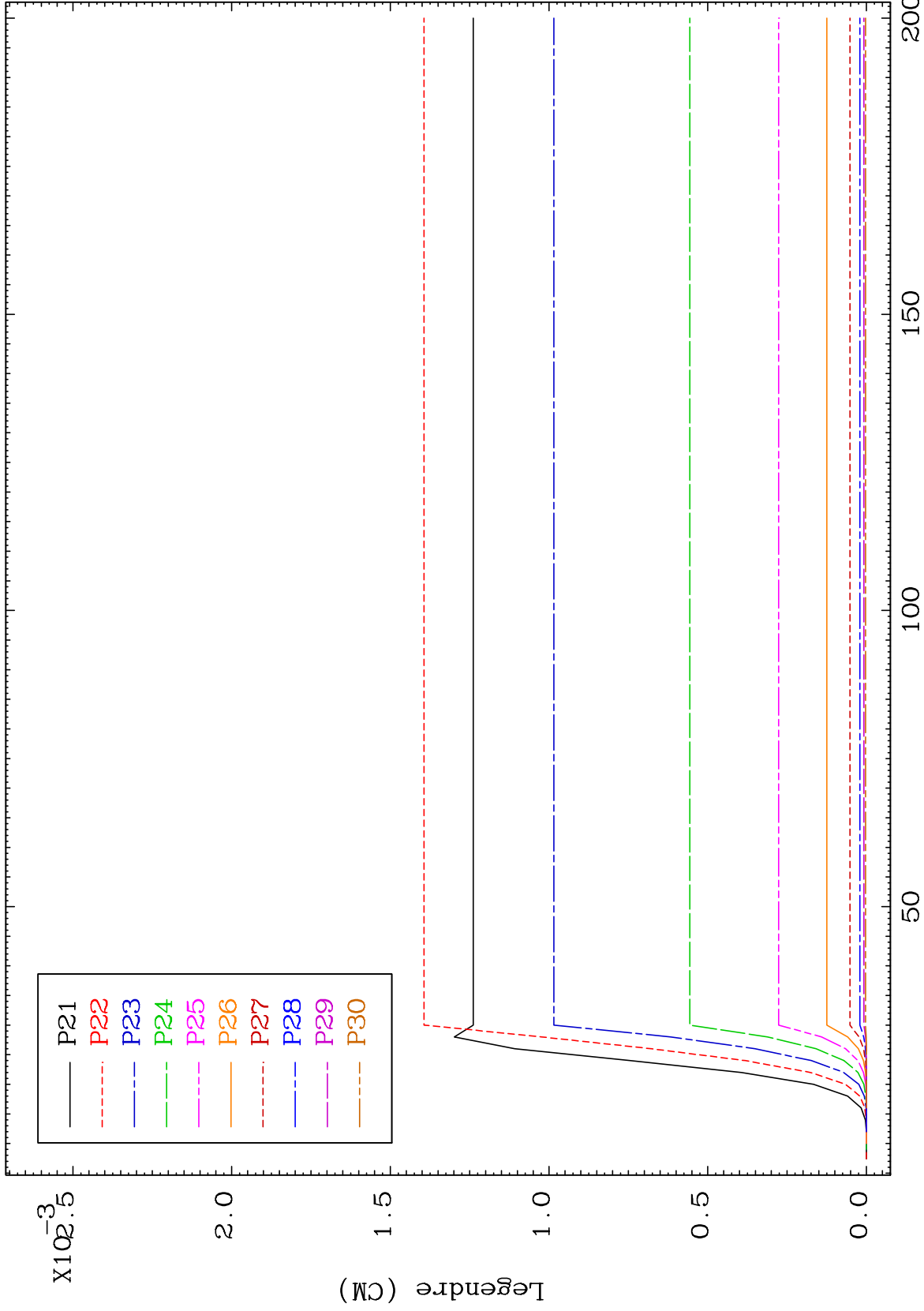
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33

Incident Energy (MeV)

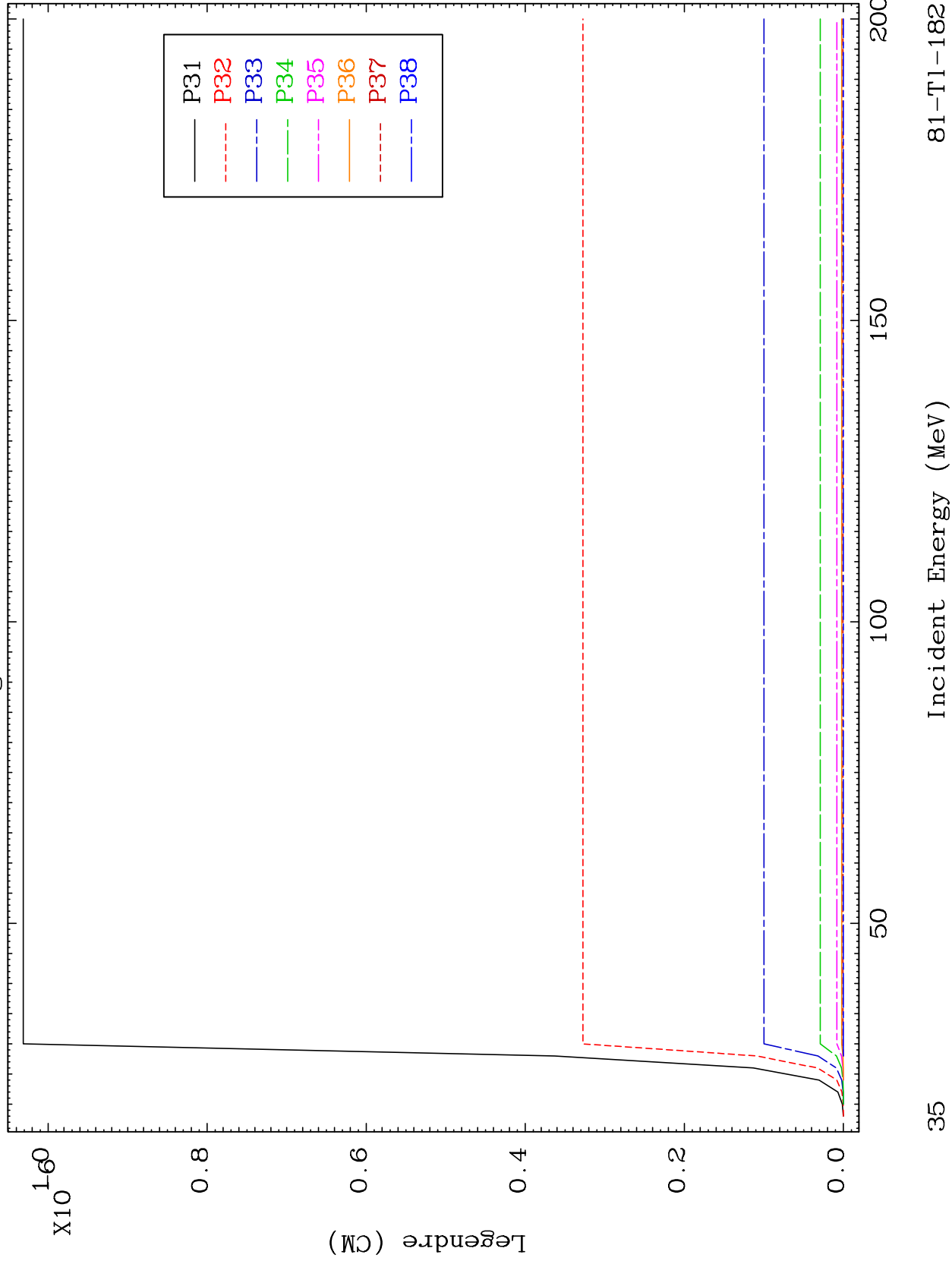
81-Tl-182



MAT 8062

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

81-Tl-182



35

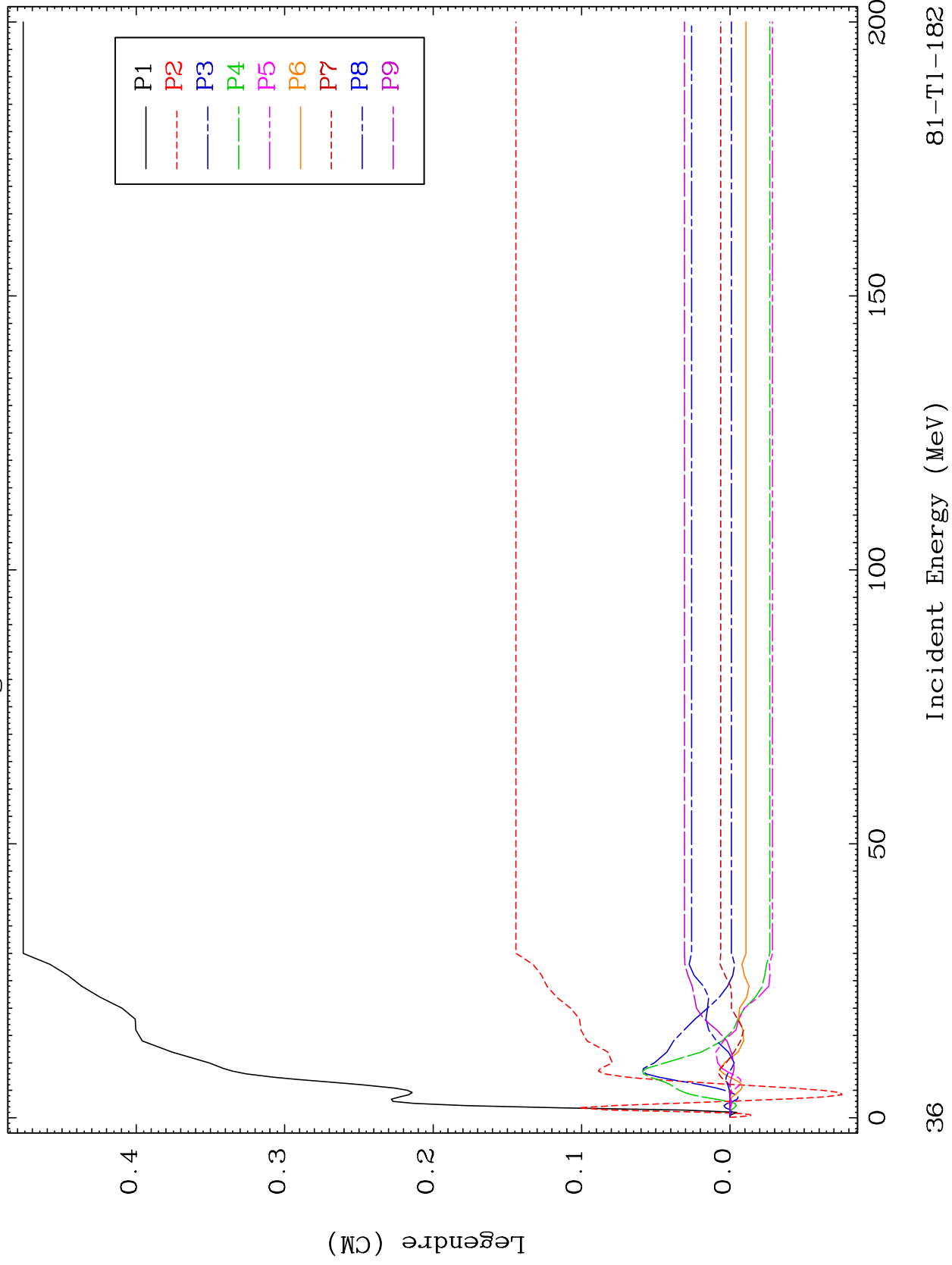
Incident Energy (MeV)

81-Tl-182

MAT 8062

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

81-T1-182



36

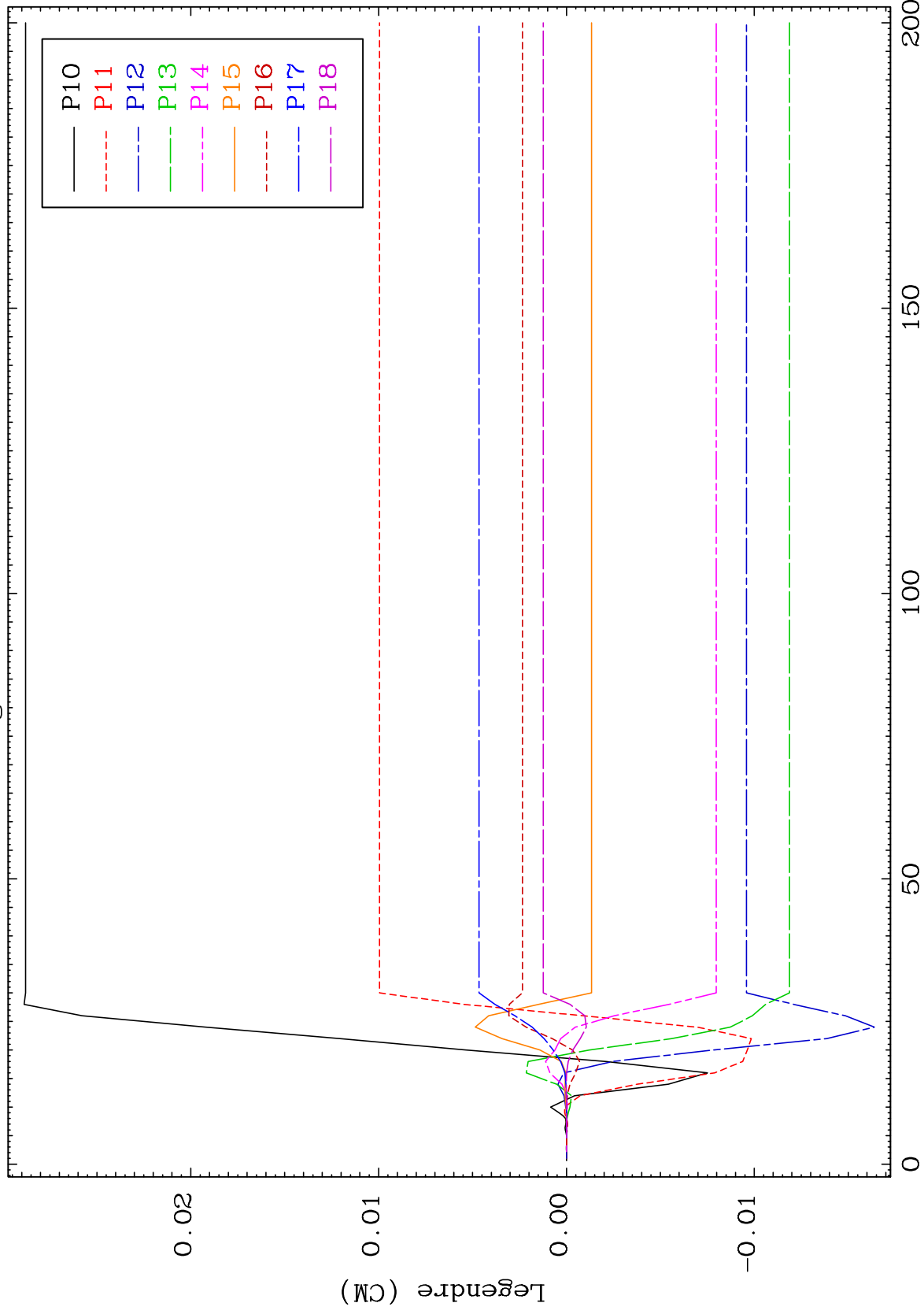
Incident Energy (MeV)

81-T1-182

MAT 8062

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

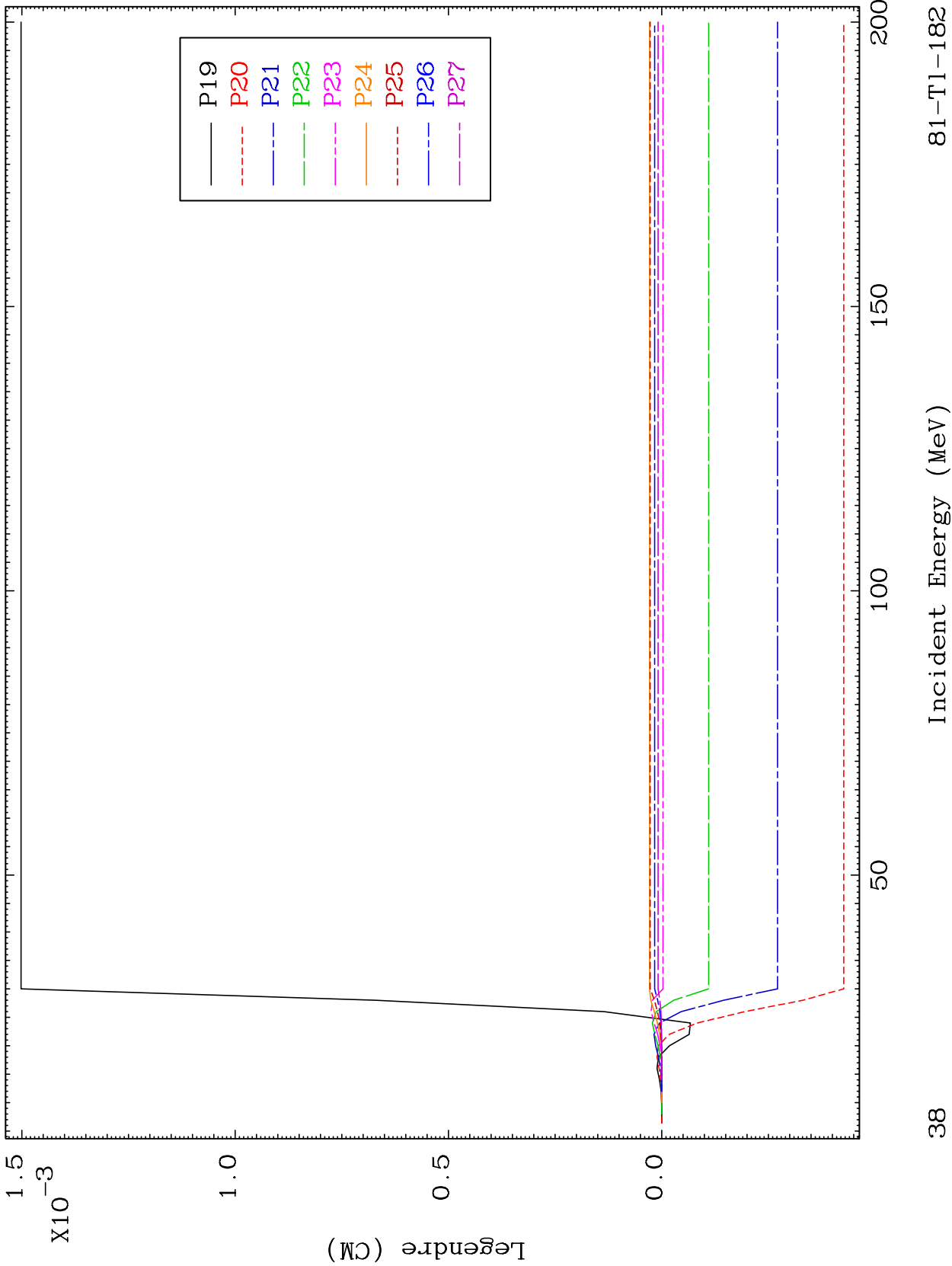
81-Tl-182



37

Incident Energy (MeV)

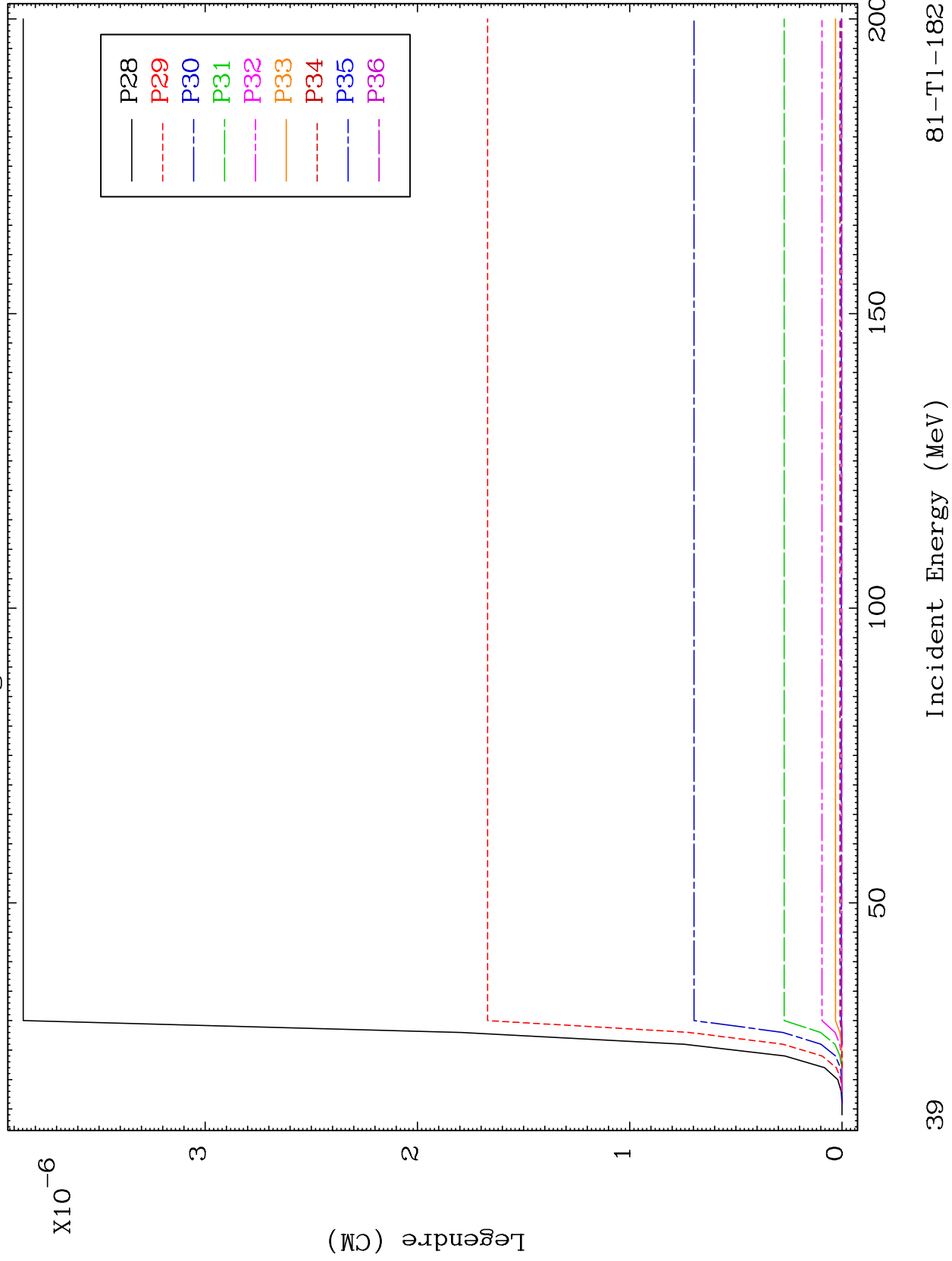
81-Tl-182



MAT 8062

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

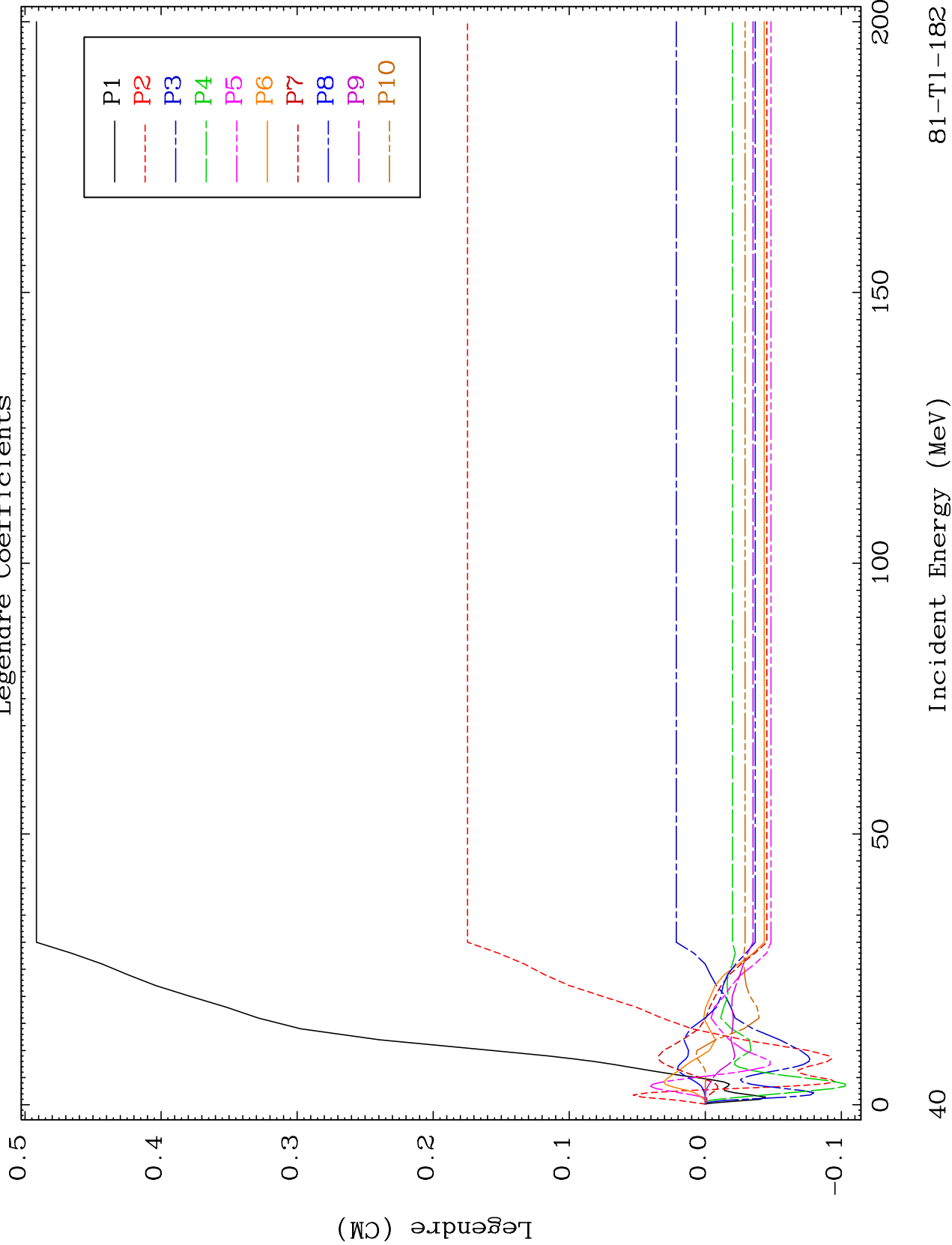
81-T1-182



MAT 8062

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

81-Tl-182



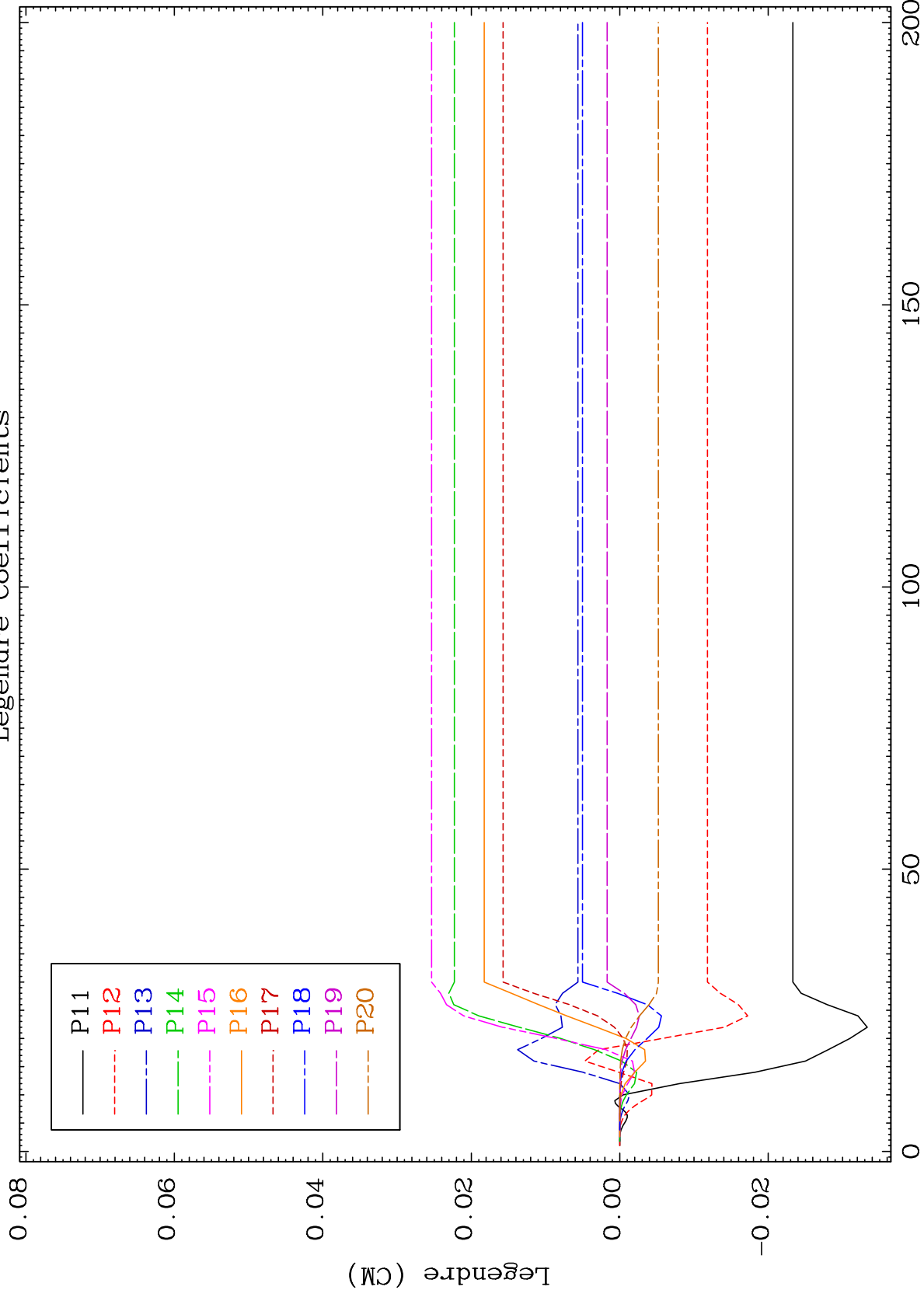
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Incident Energy (MeV)

MAT 8062

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

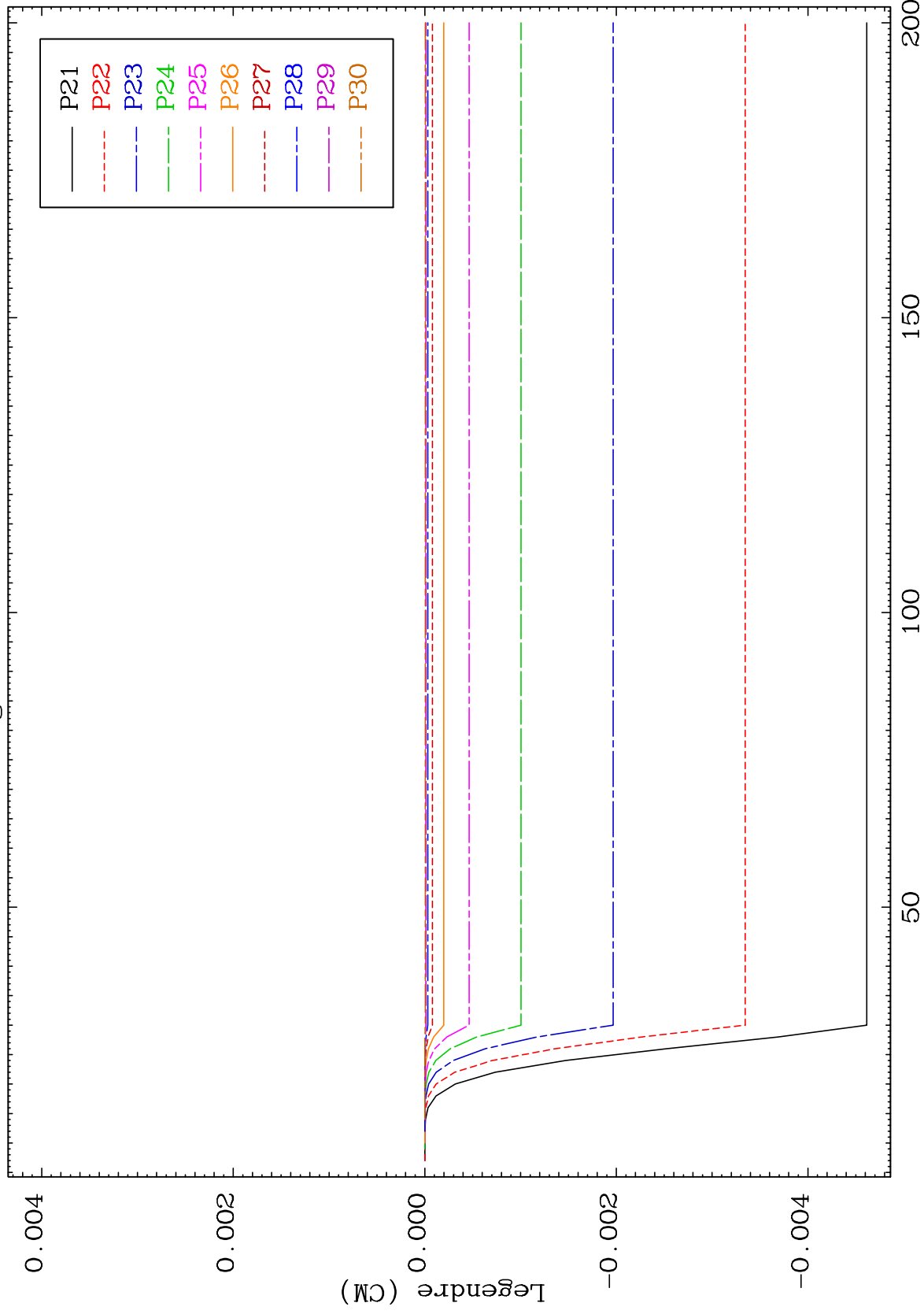
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MAT 8062

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

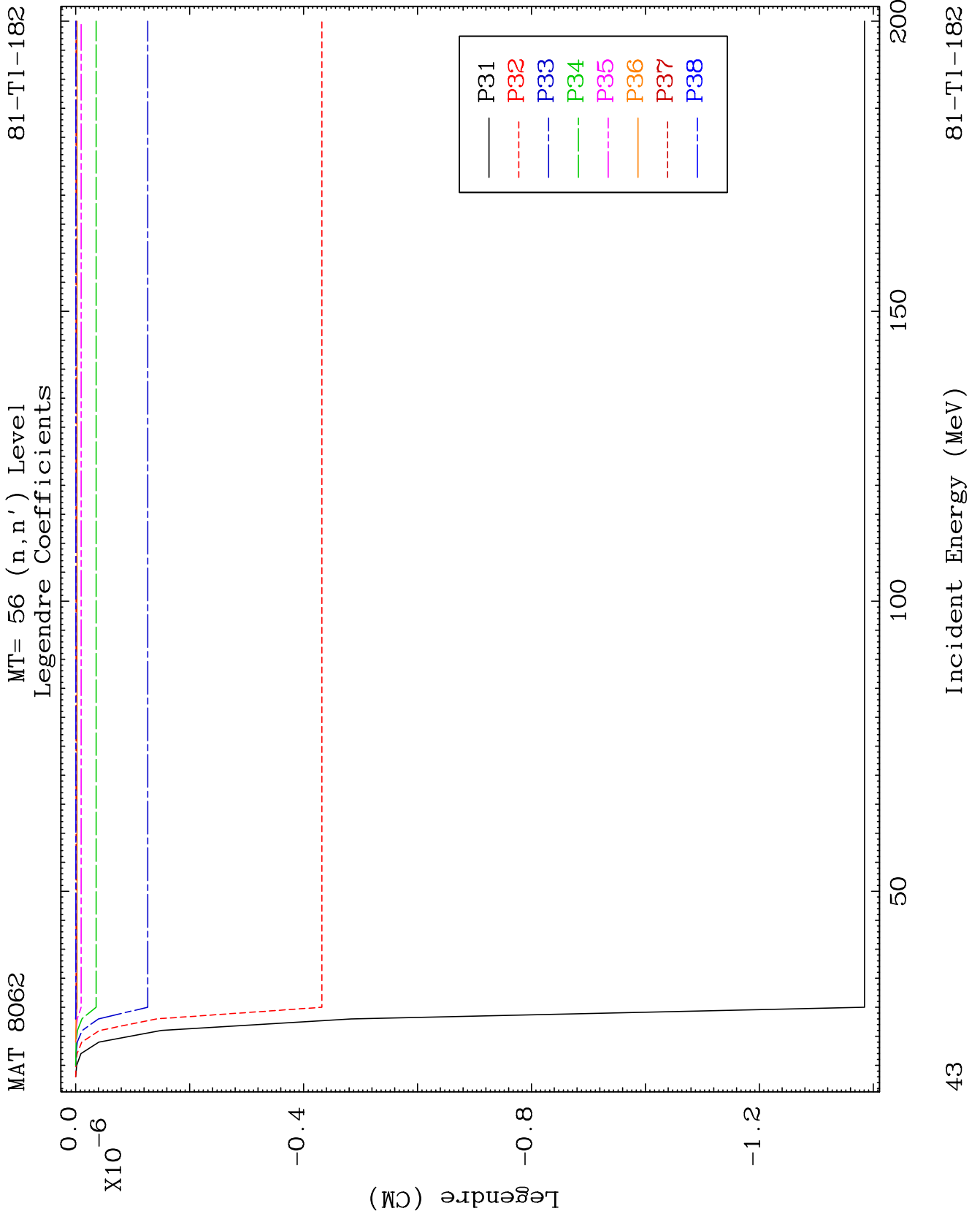
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42

Incident Energy (MeV)

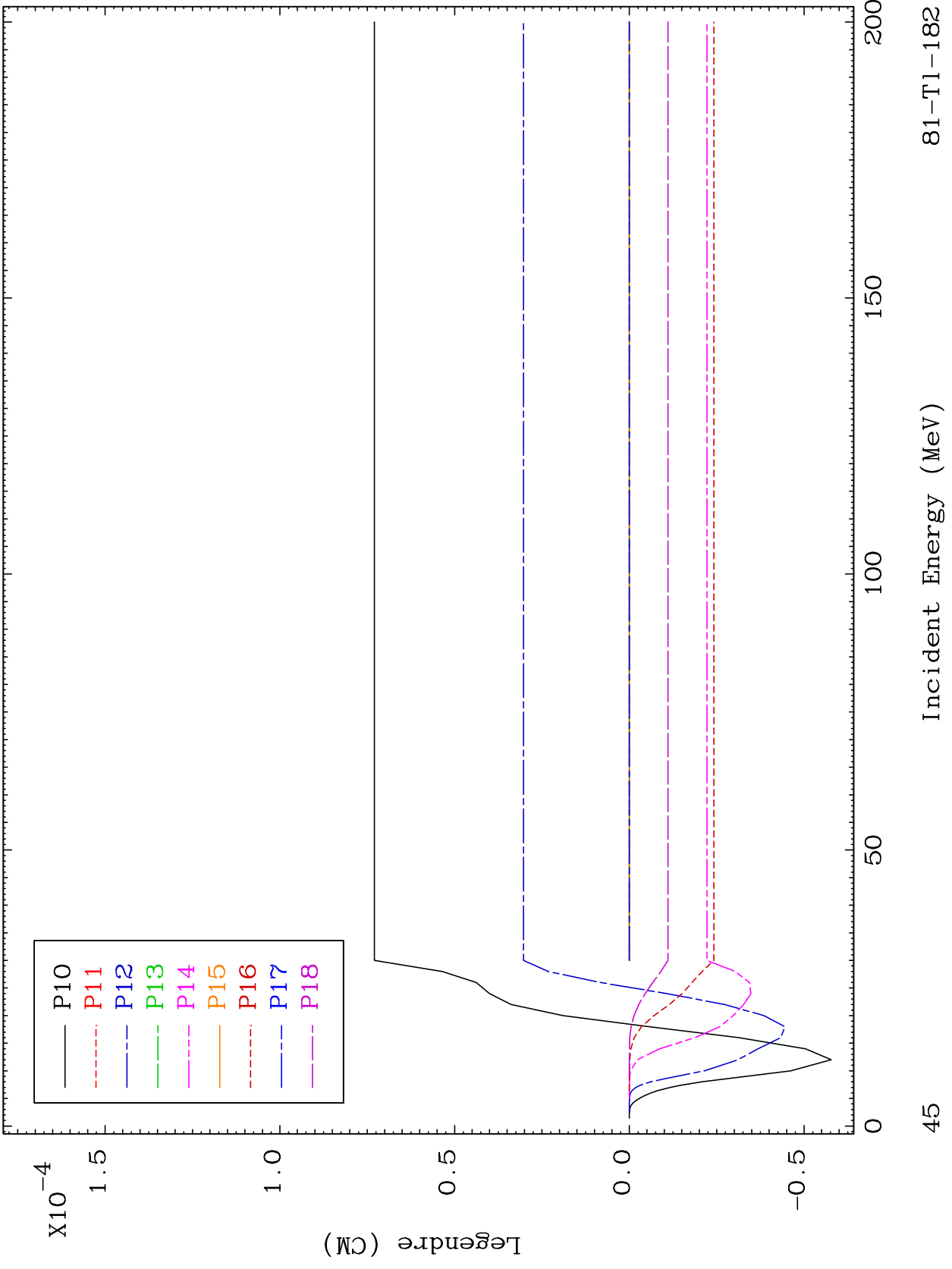
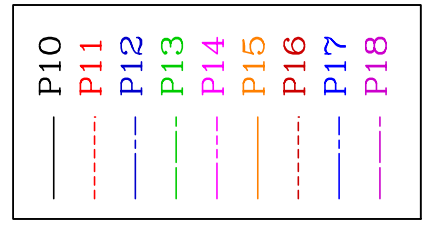
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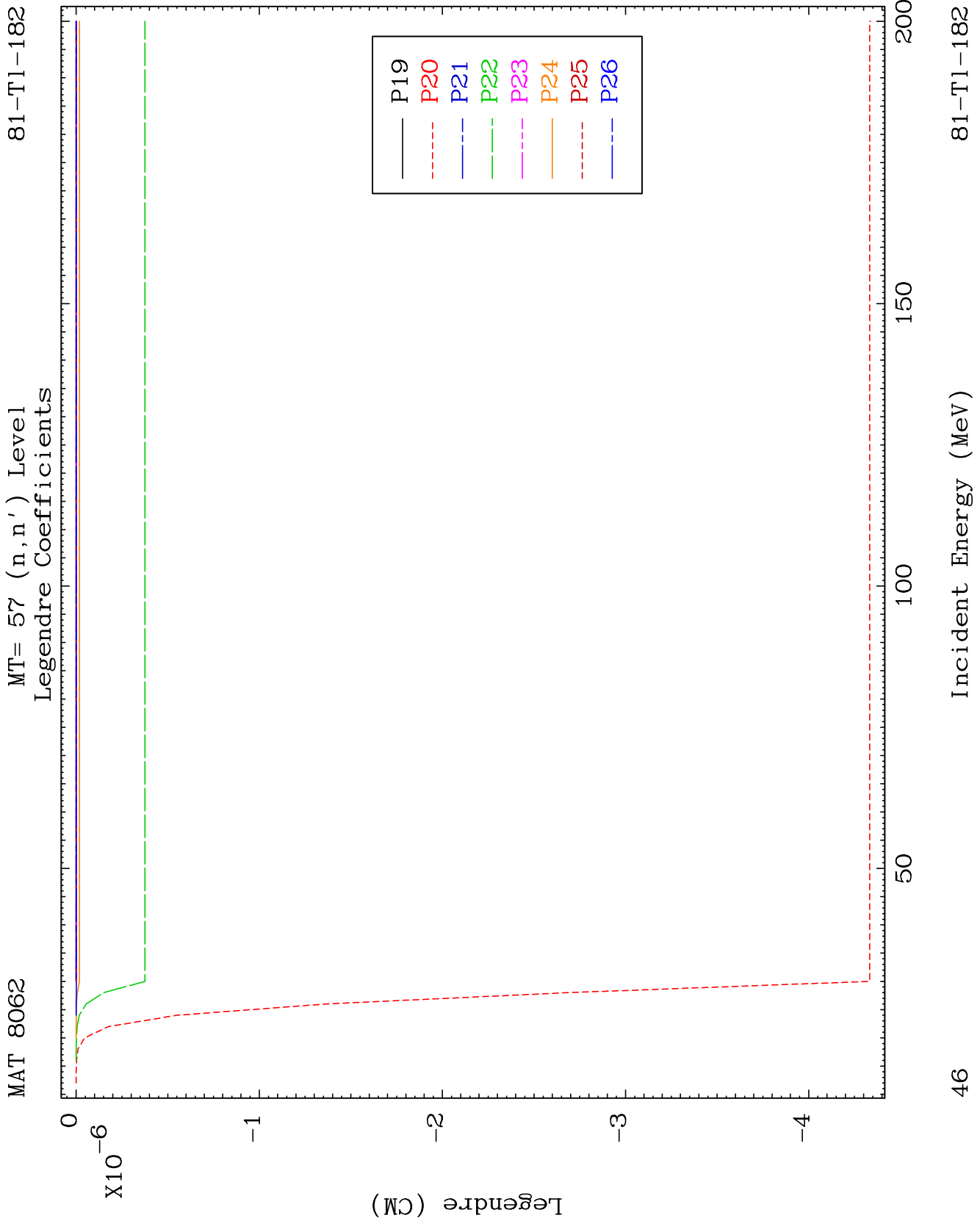
MAT 8062

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

81-Tl-182



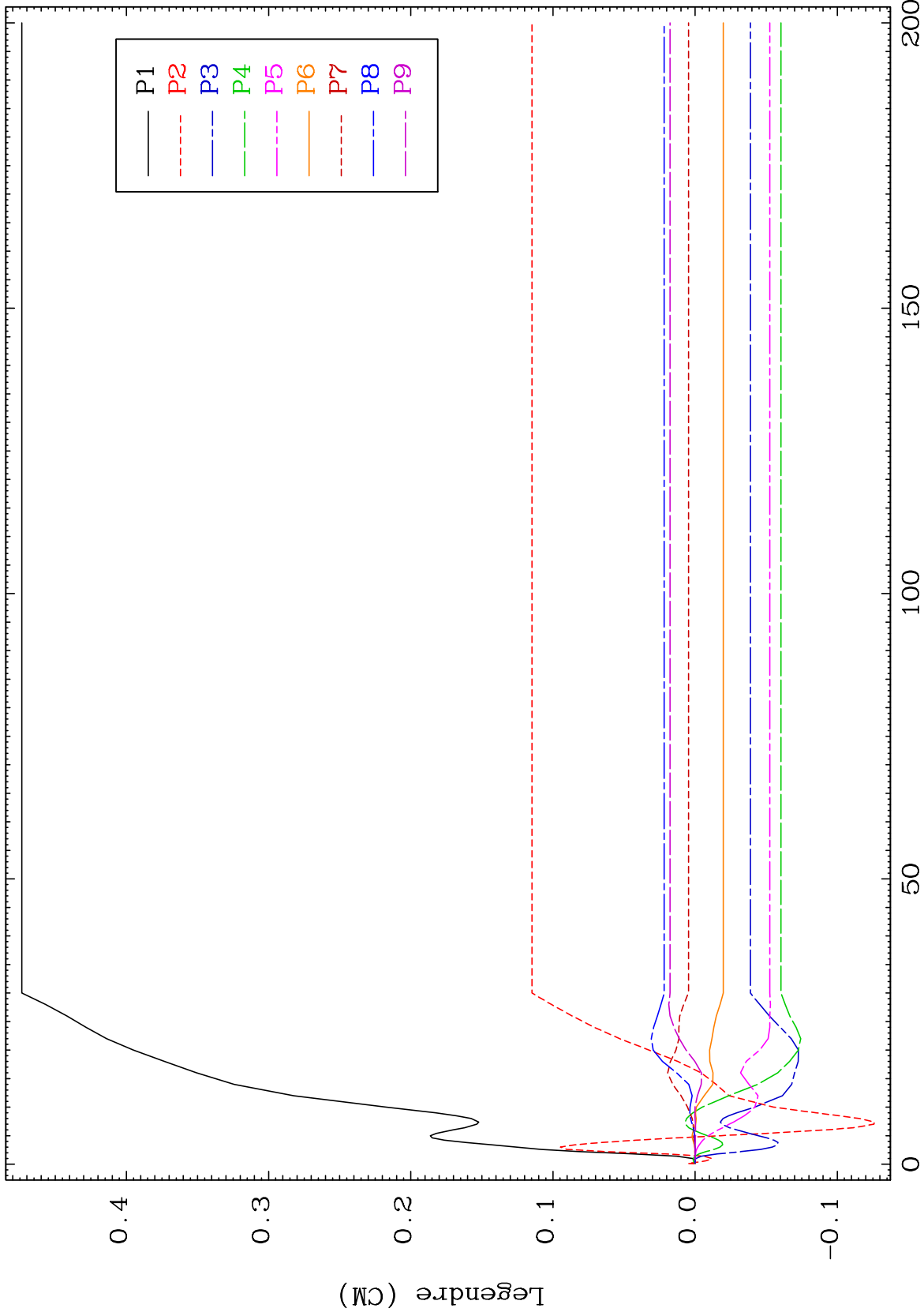
81-Tl-182



MAT 8062

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

81-T1-182



47

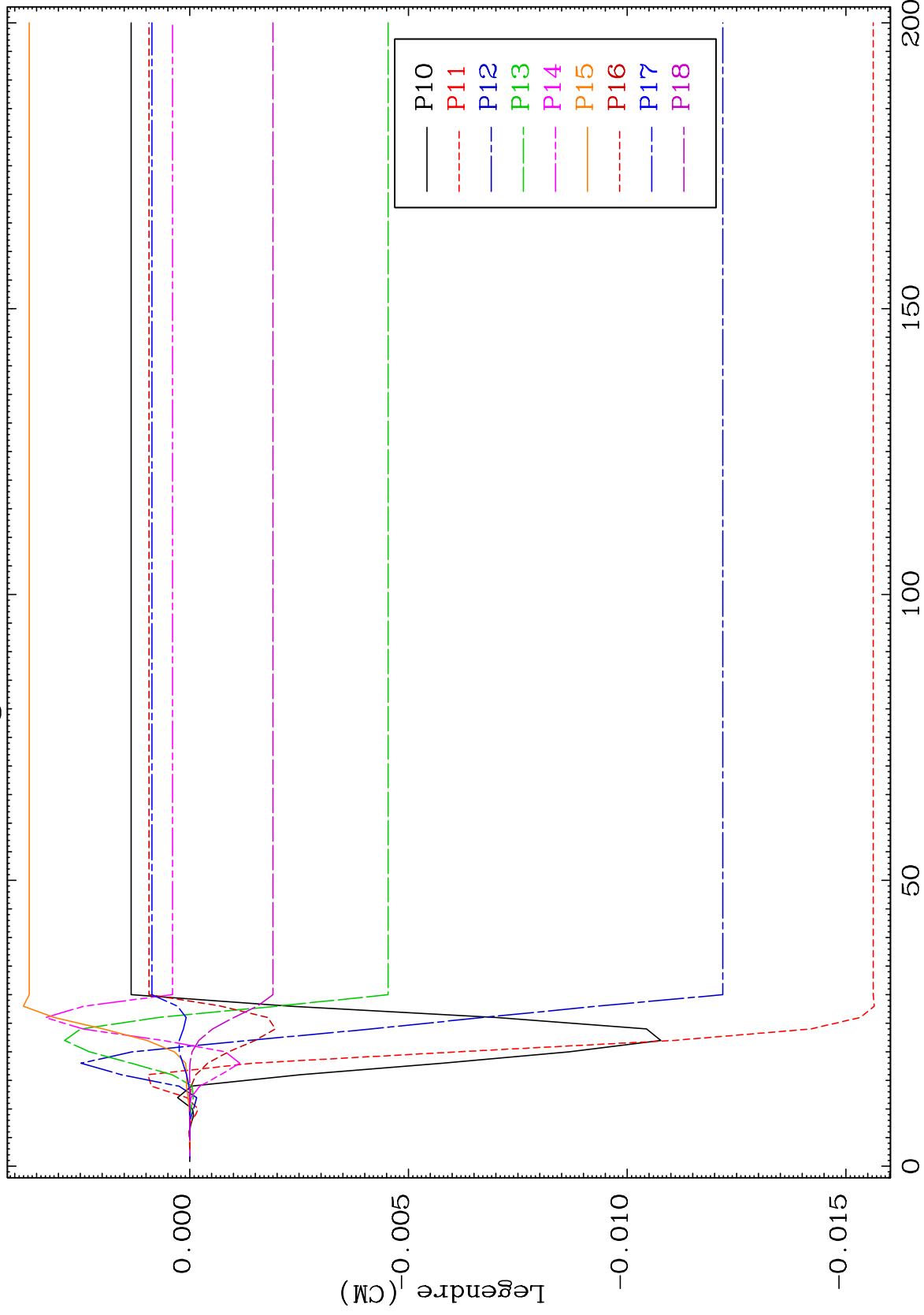
Incident Energy (MeV)

81-T1-182

MAT 8062

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

81-T1-182



48

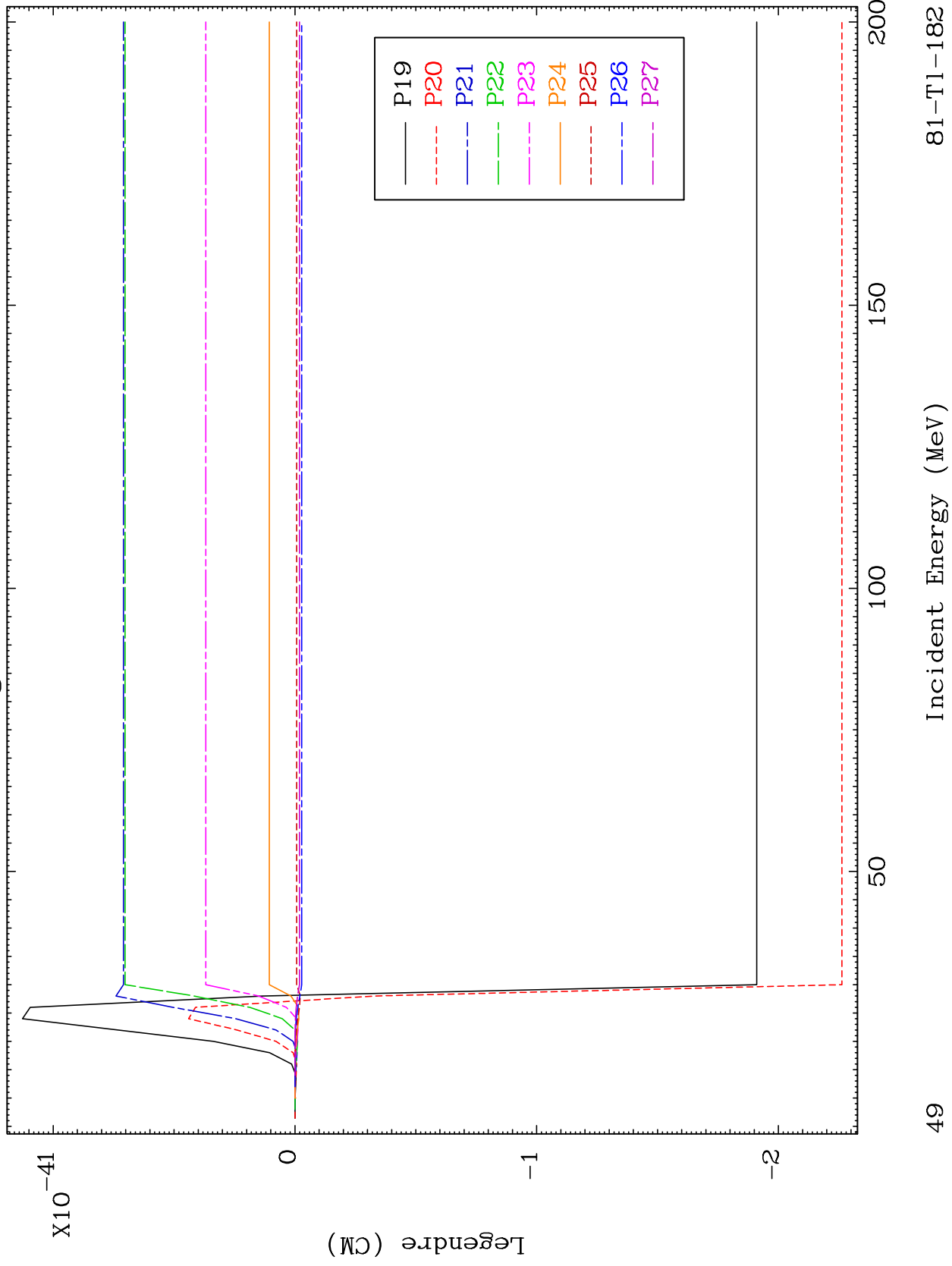
Incident Energy (MeV)

81-T1-182

MAT 8062

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

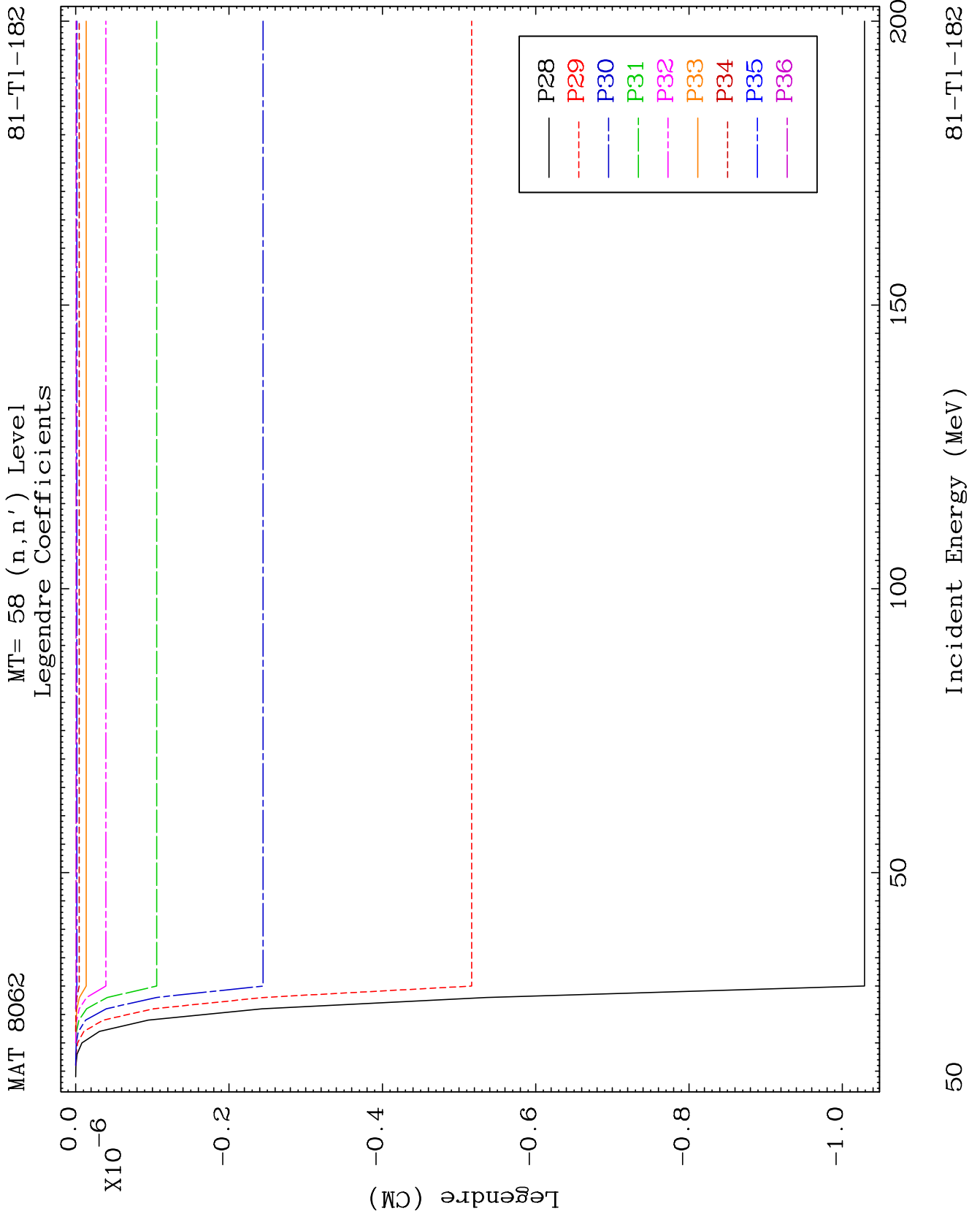
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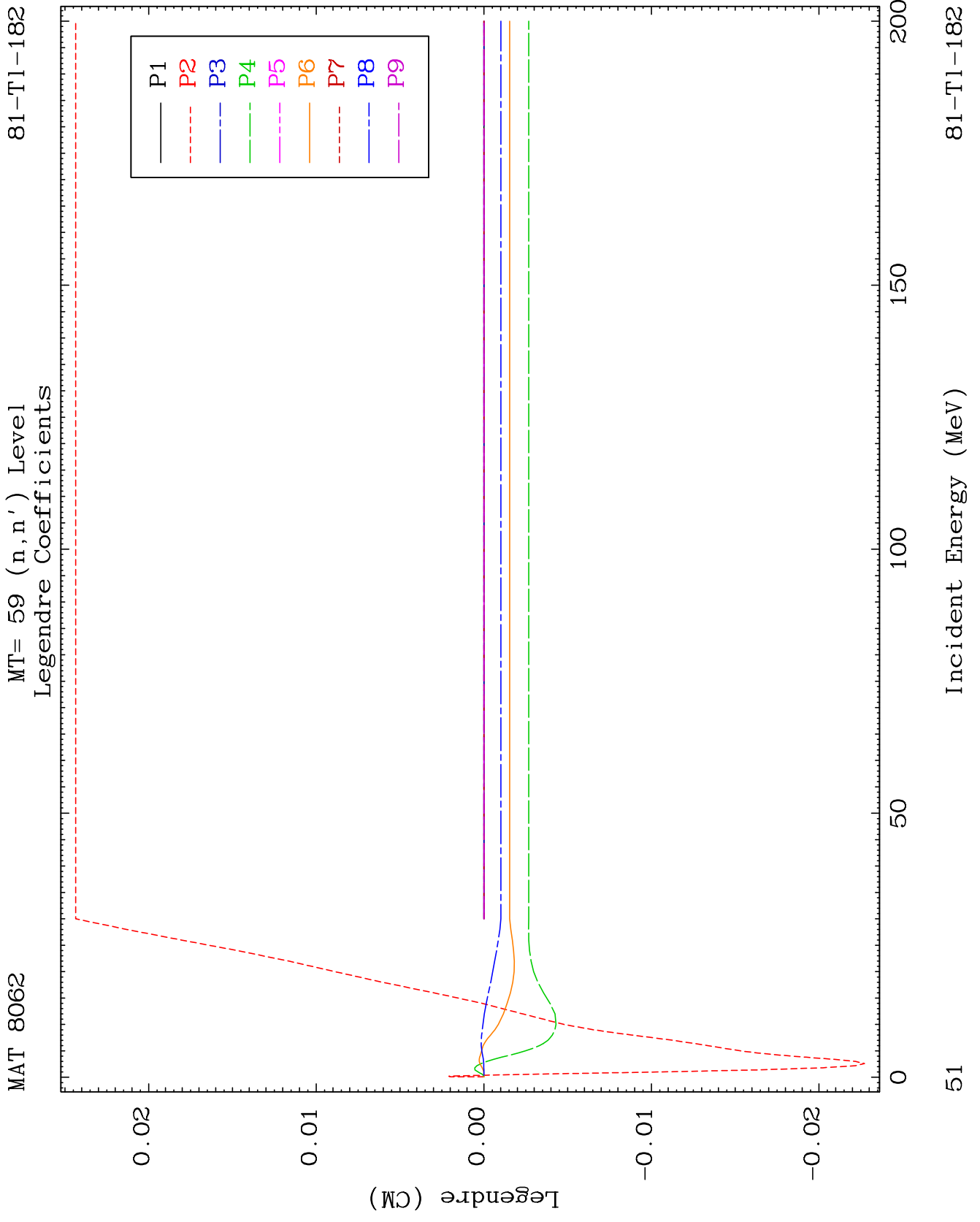


49

Incident Energy (MeV)

81-T1-182

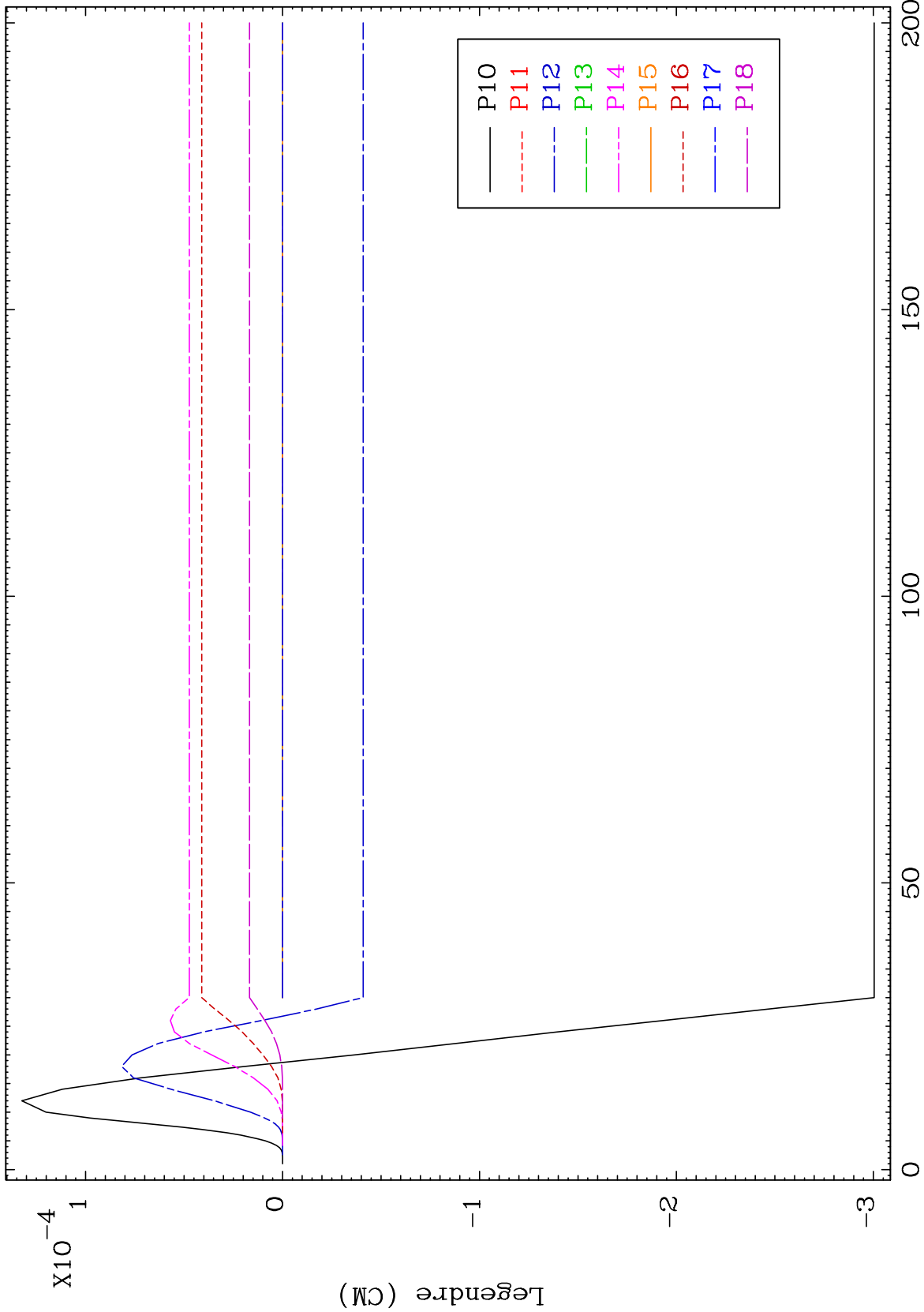




MAT 8062

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

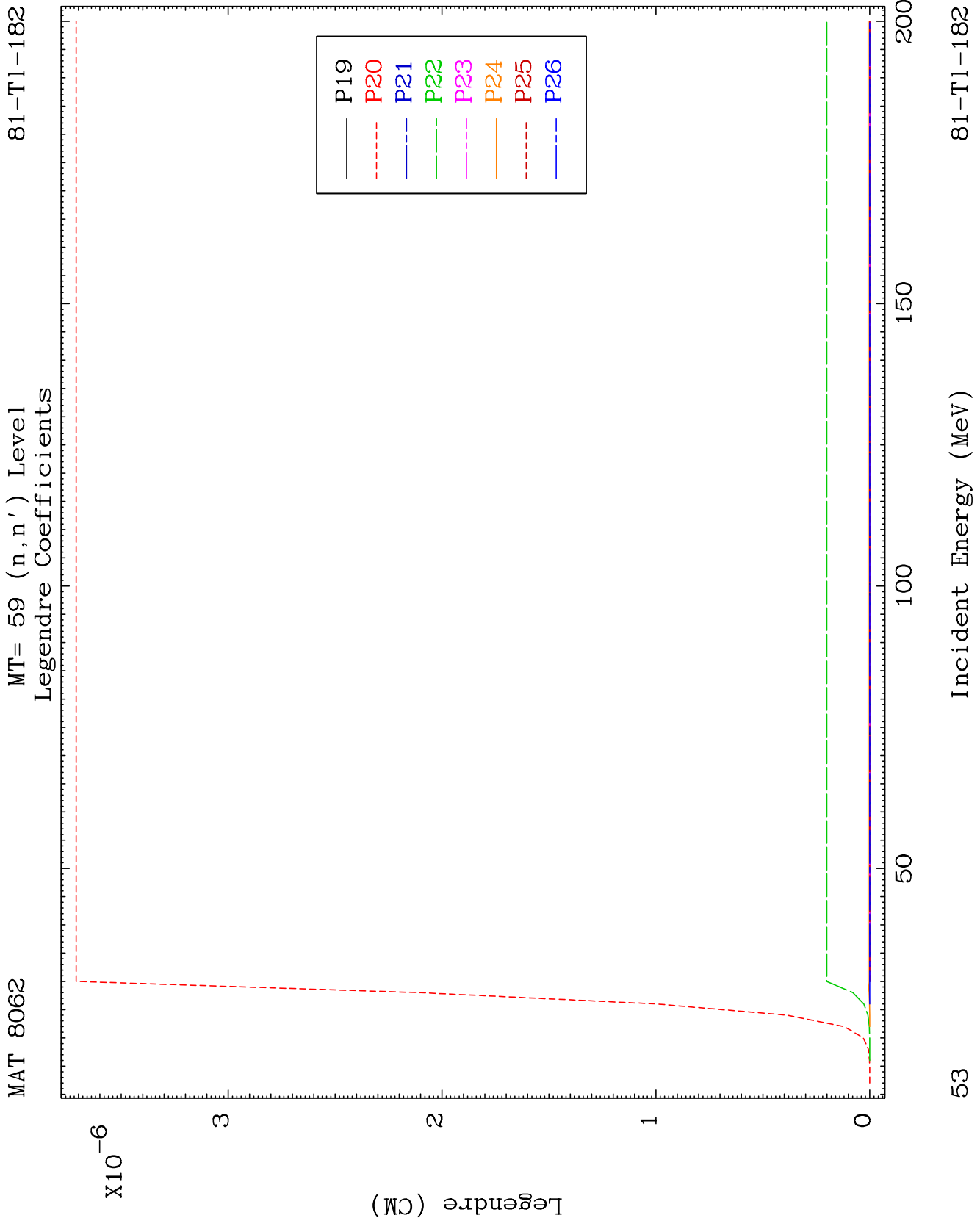
81-T1-182



52

Incident Energy (MeV)

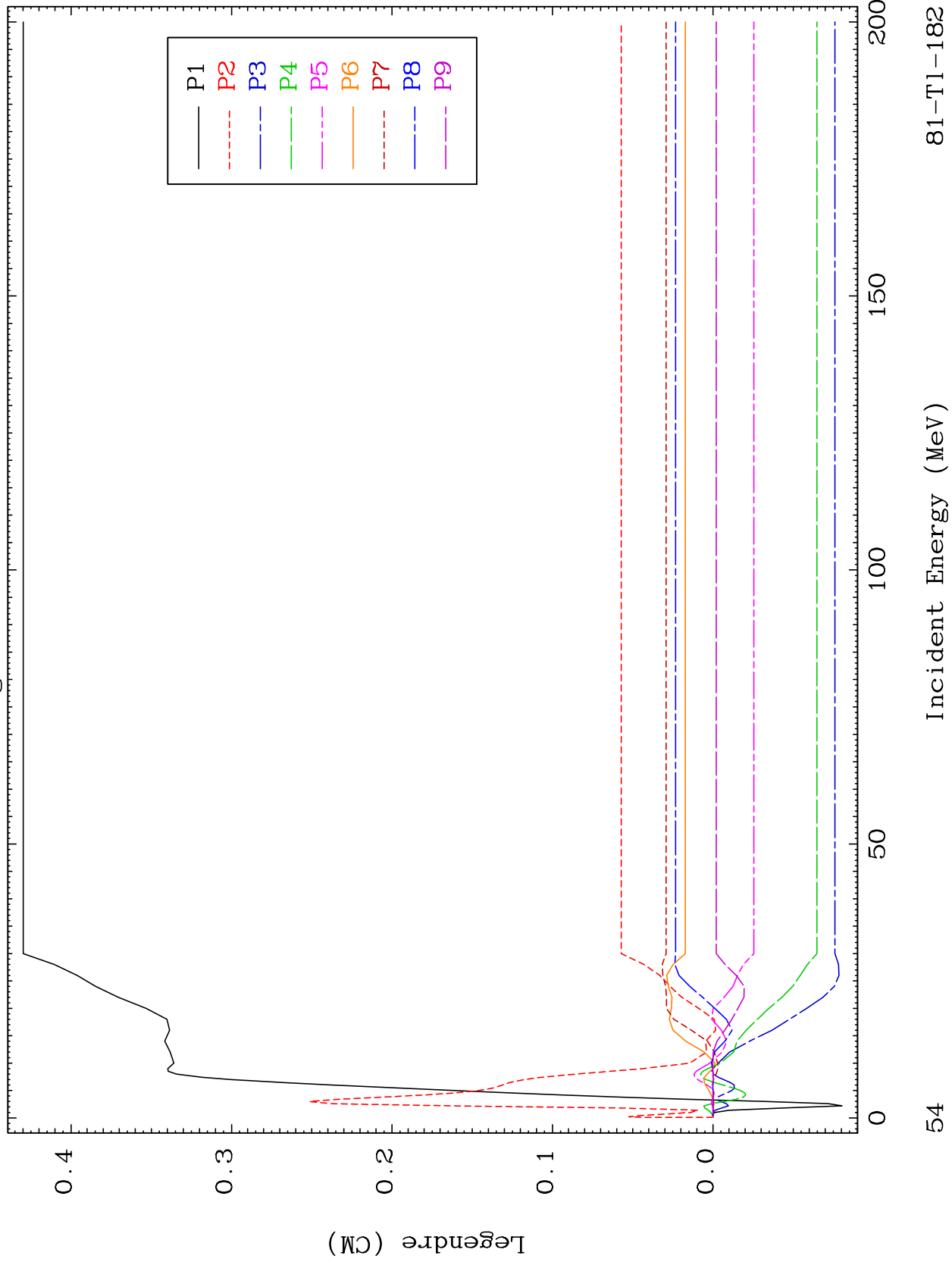
81-T1-182



MAT 8062

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

81-Tl-182



81-Tl-182

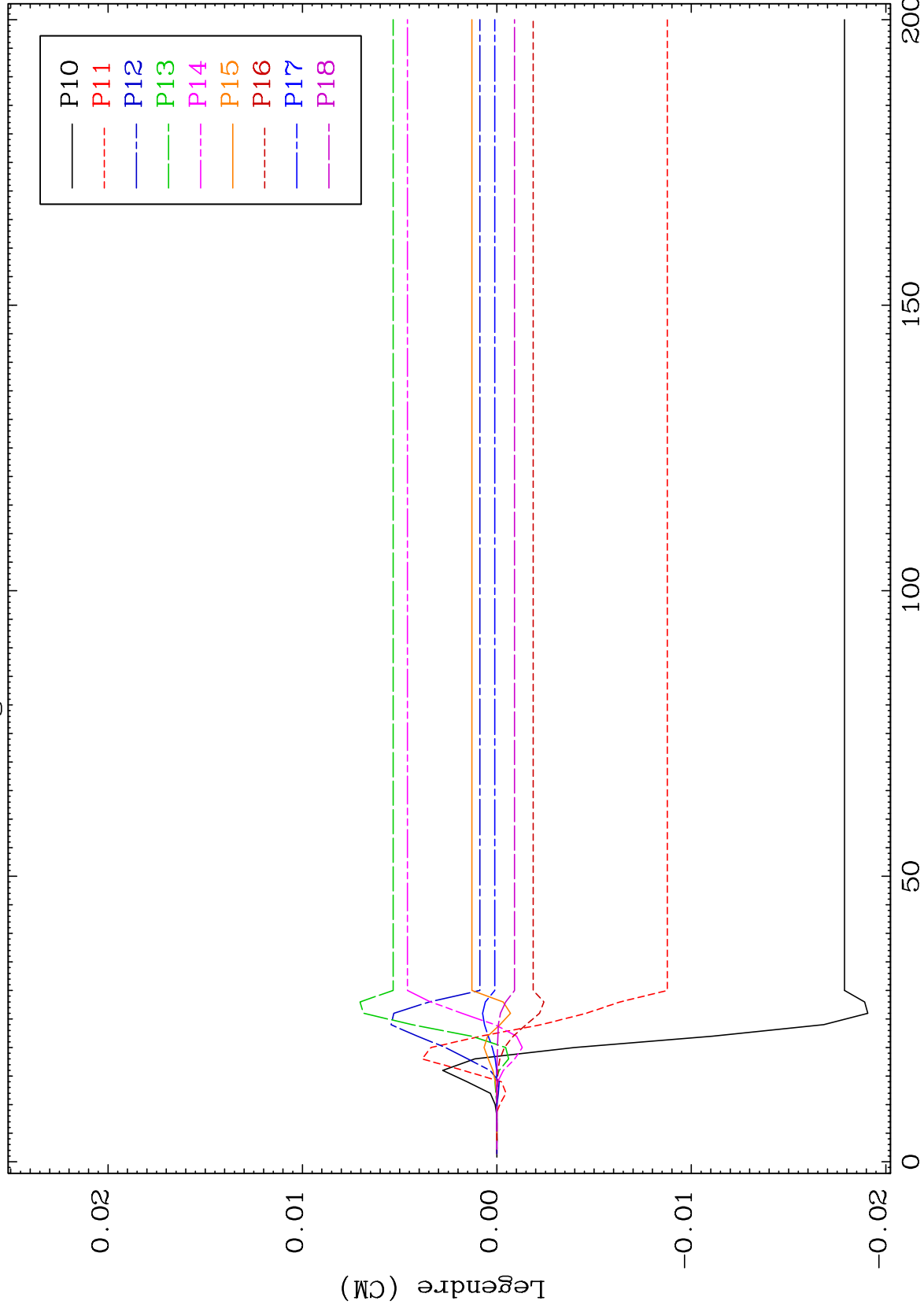
Incident Energy (MeV)

54

MAT 8062

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

81-Tl-182



55

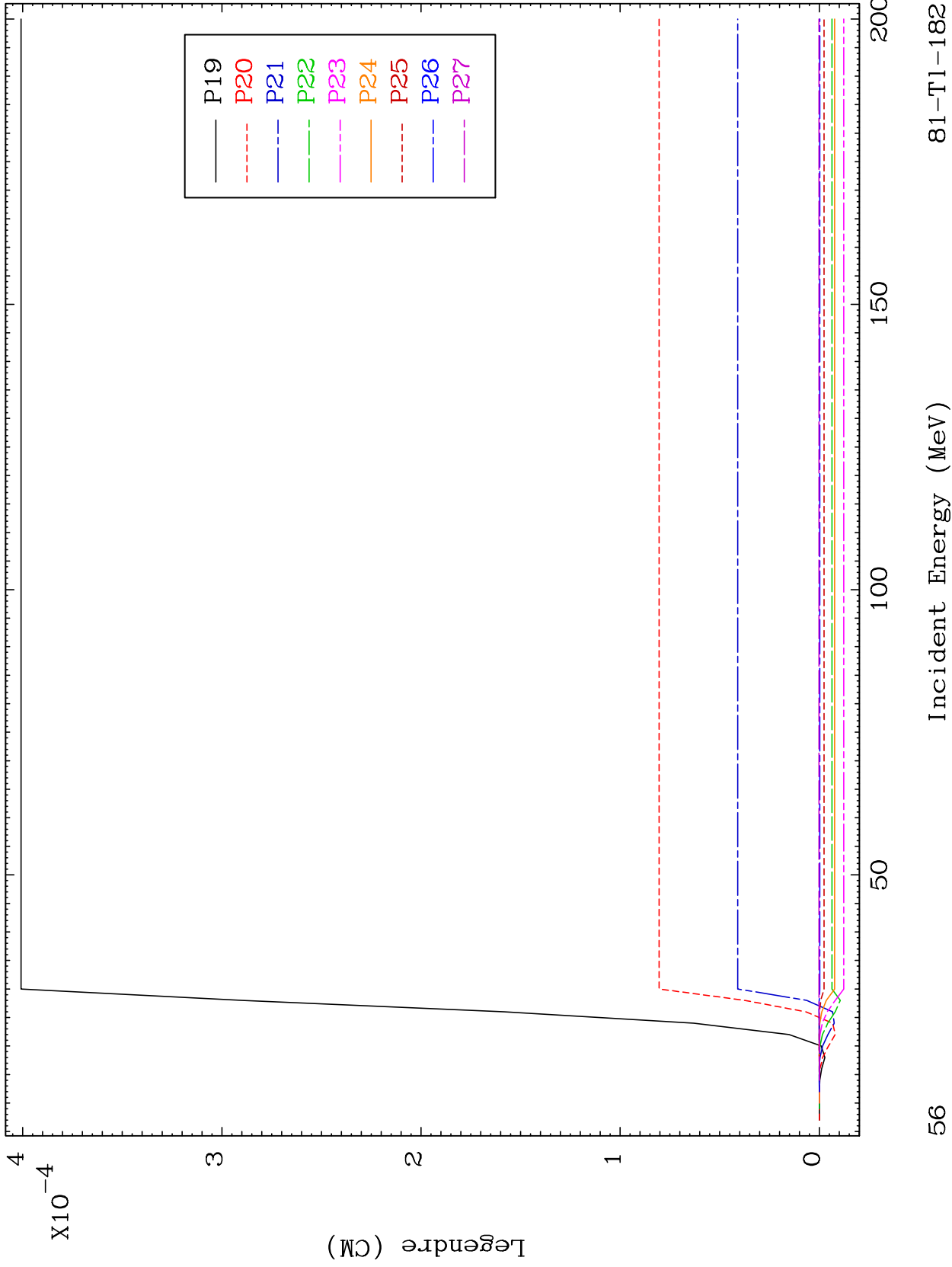
Incident Energy (MeV)

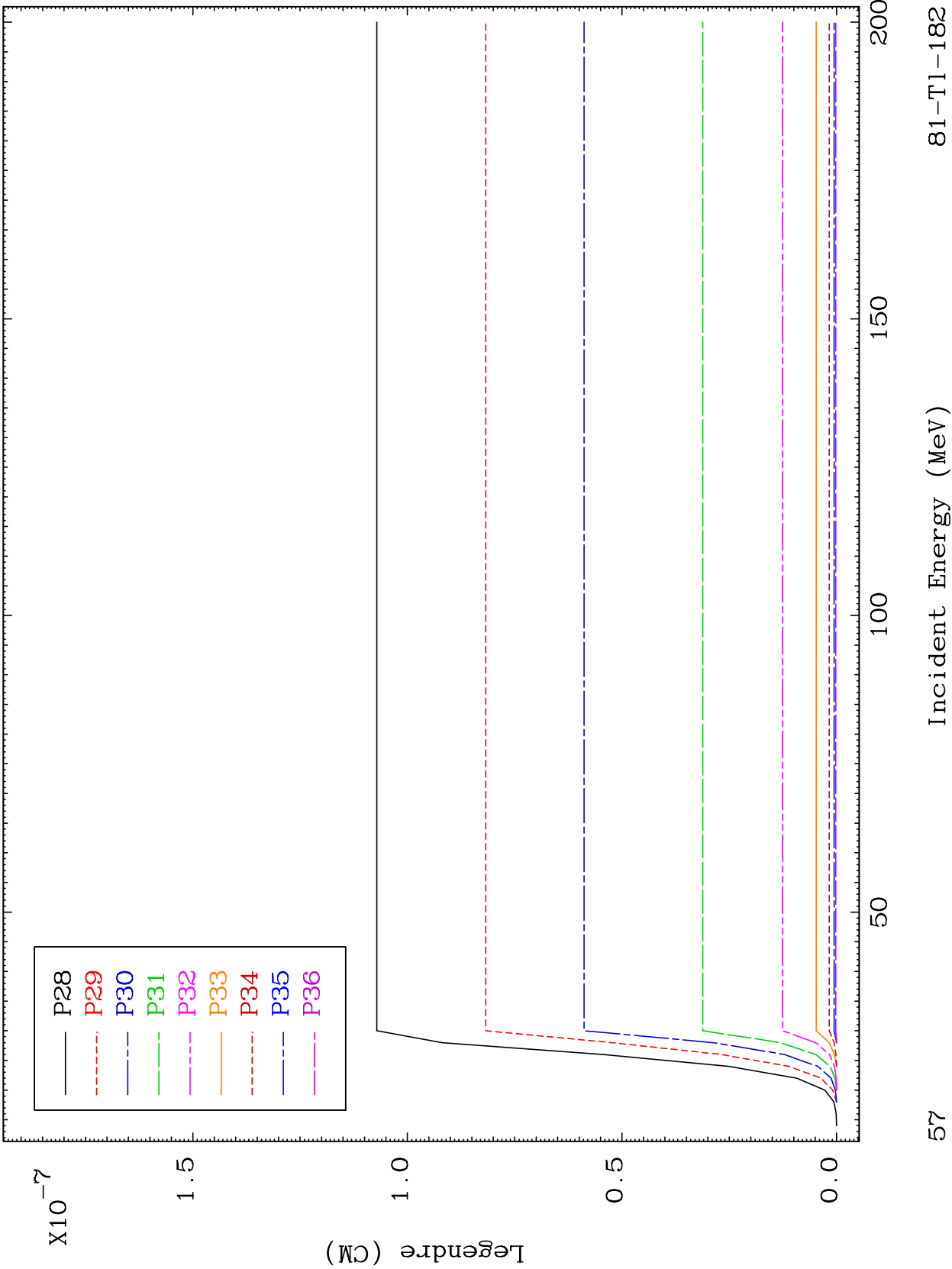
81-Tl-182

MAT 8062

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

81-Tl-182

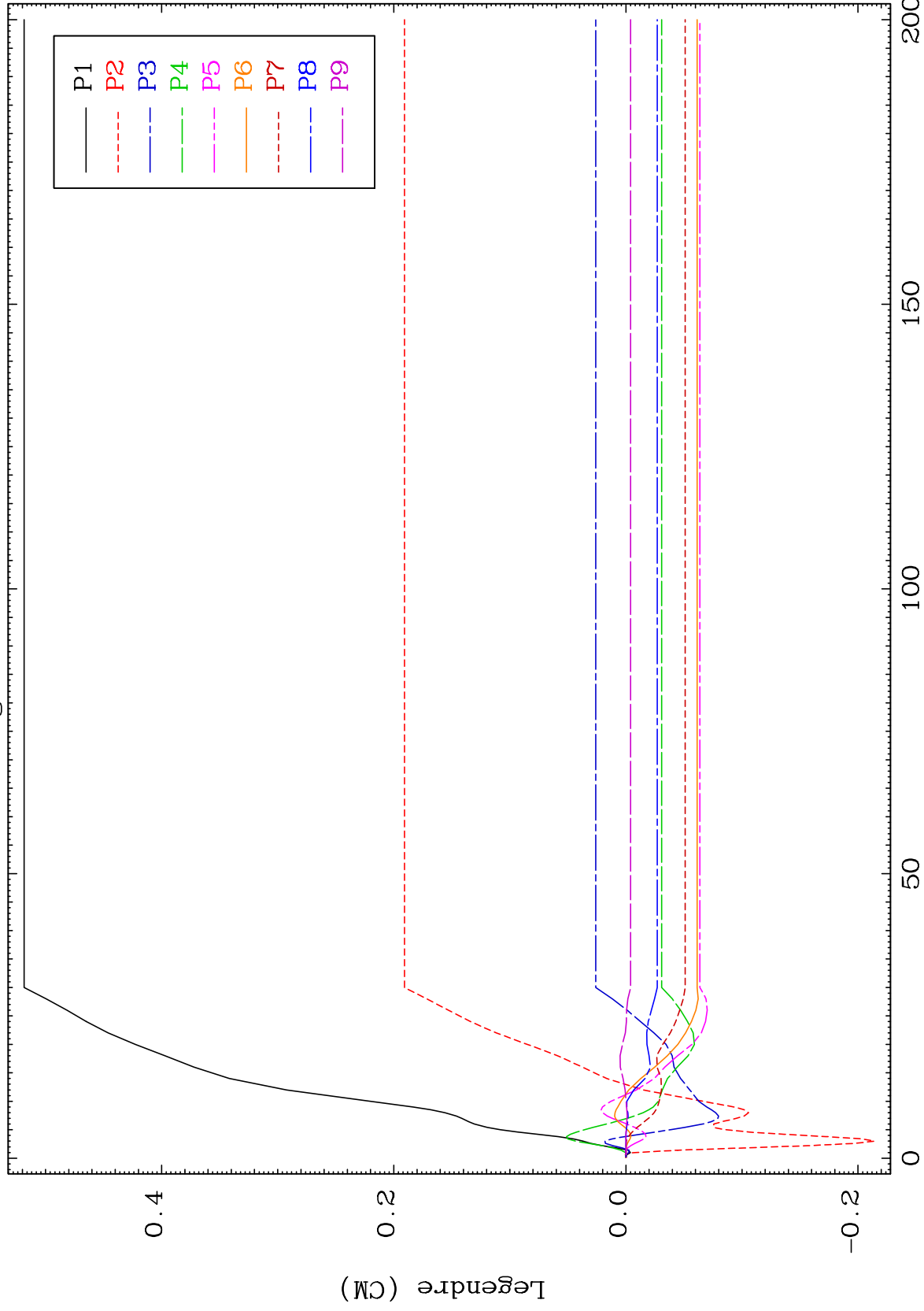




MAT 8062

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

81-T1-182



58

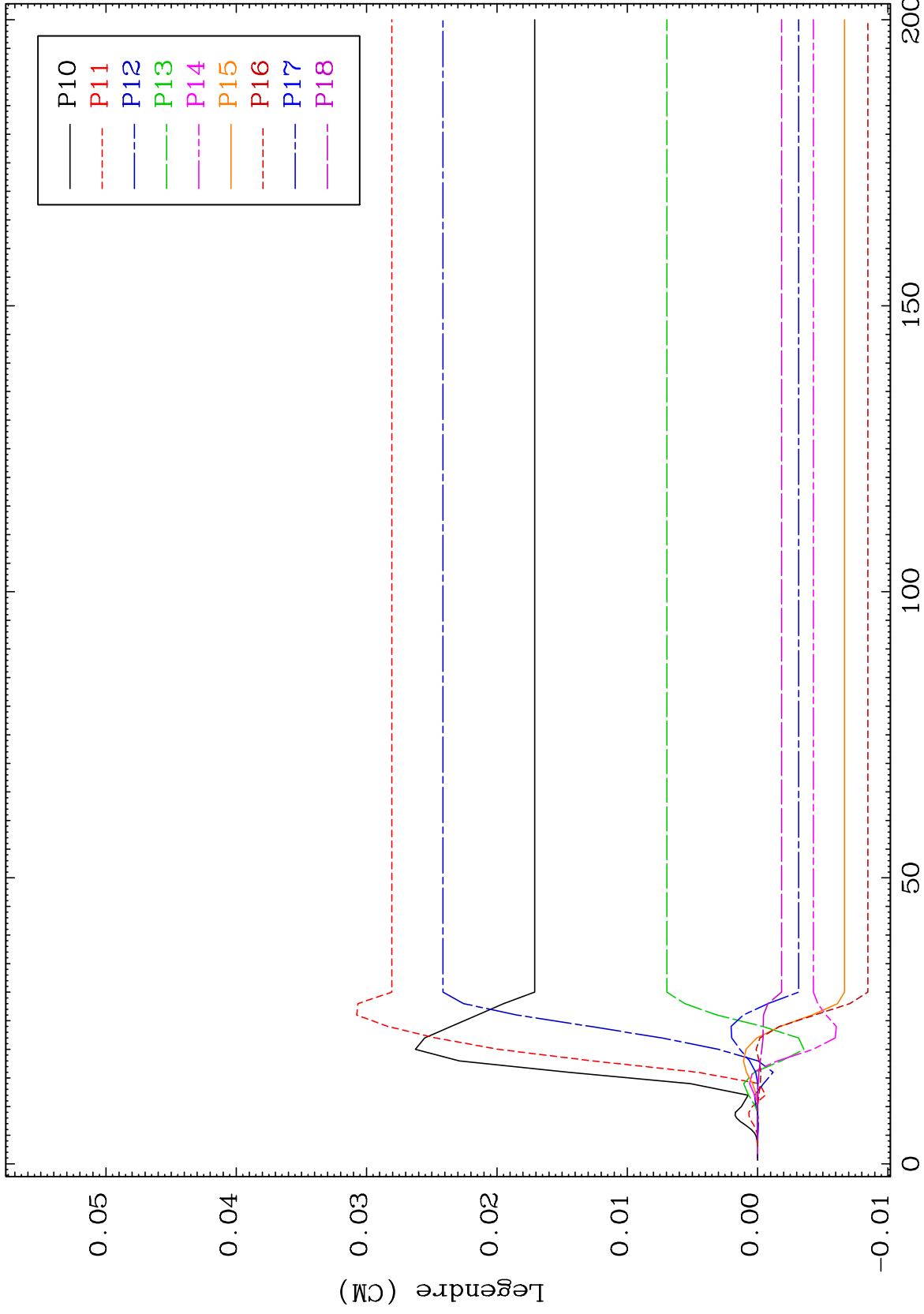
Incident Energy (MeV)

81-T1-182

MAT 8062

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

81-T1-182



59

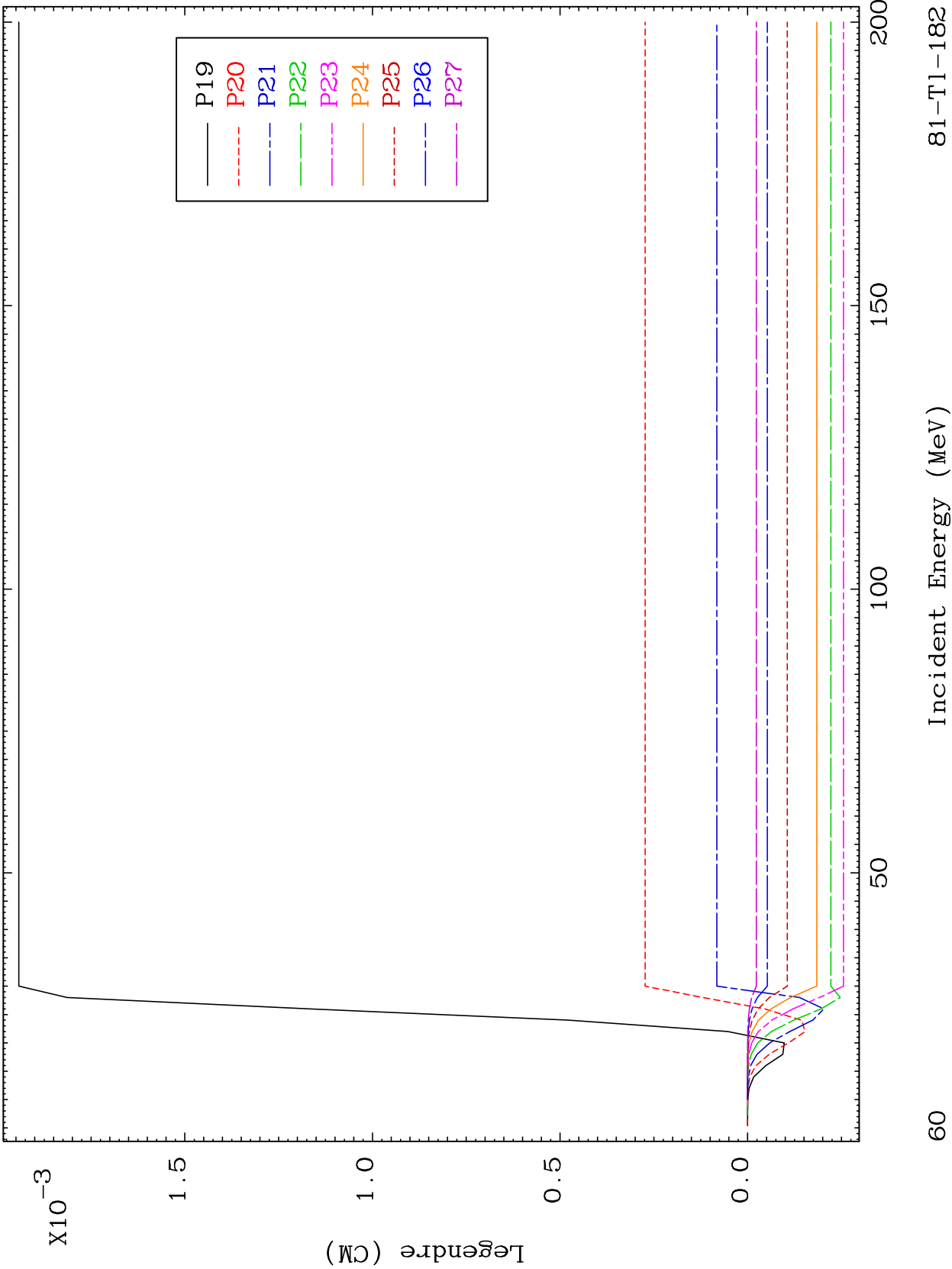
Incident Energy (MeV)

81-T1-182

MAT 8062

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

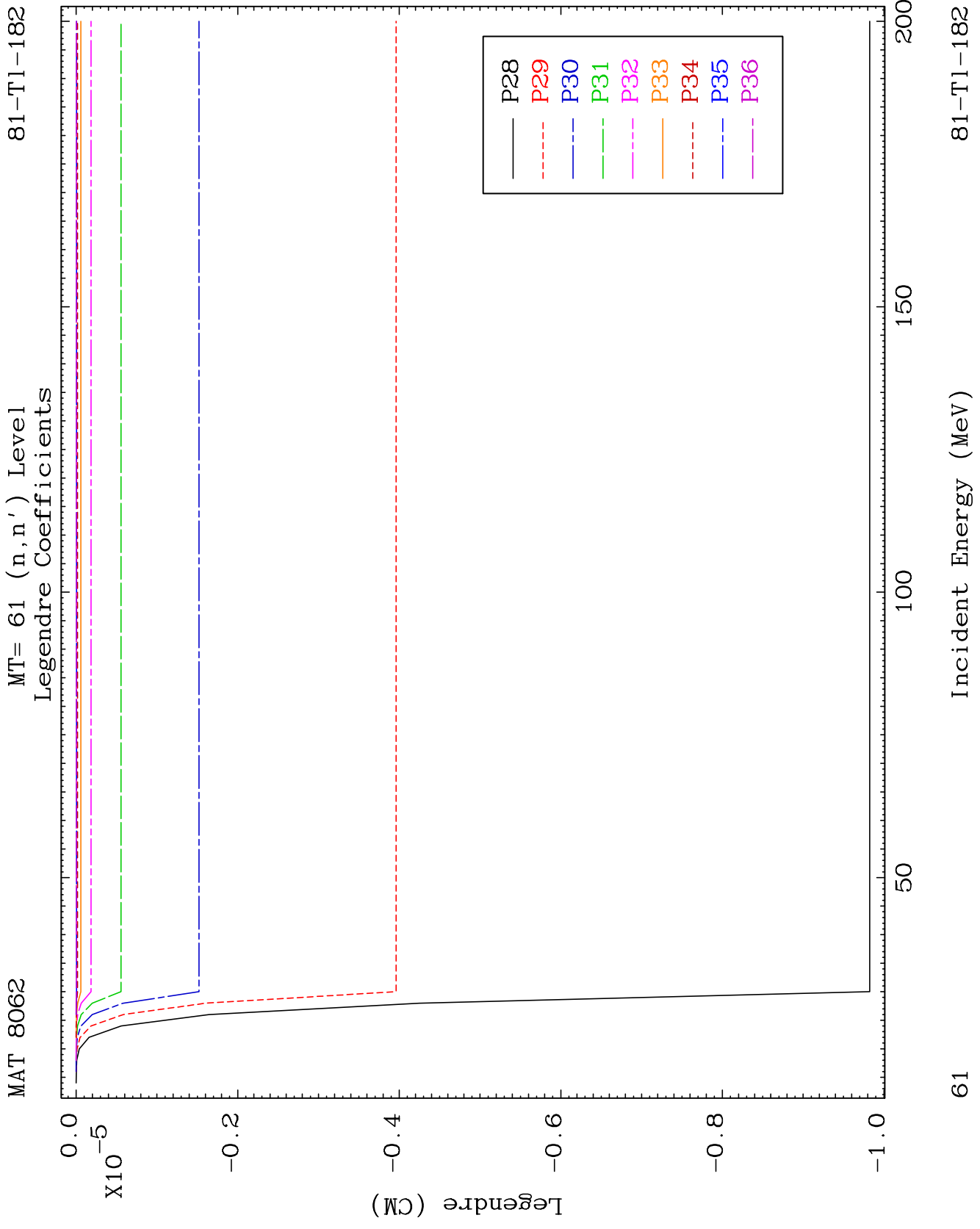
81-Tl-182

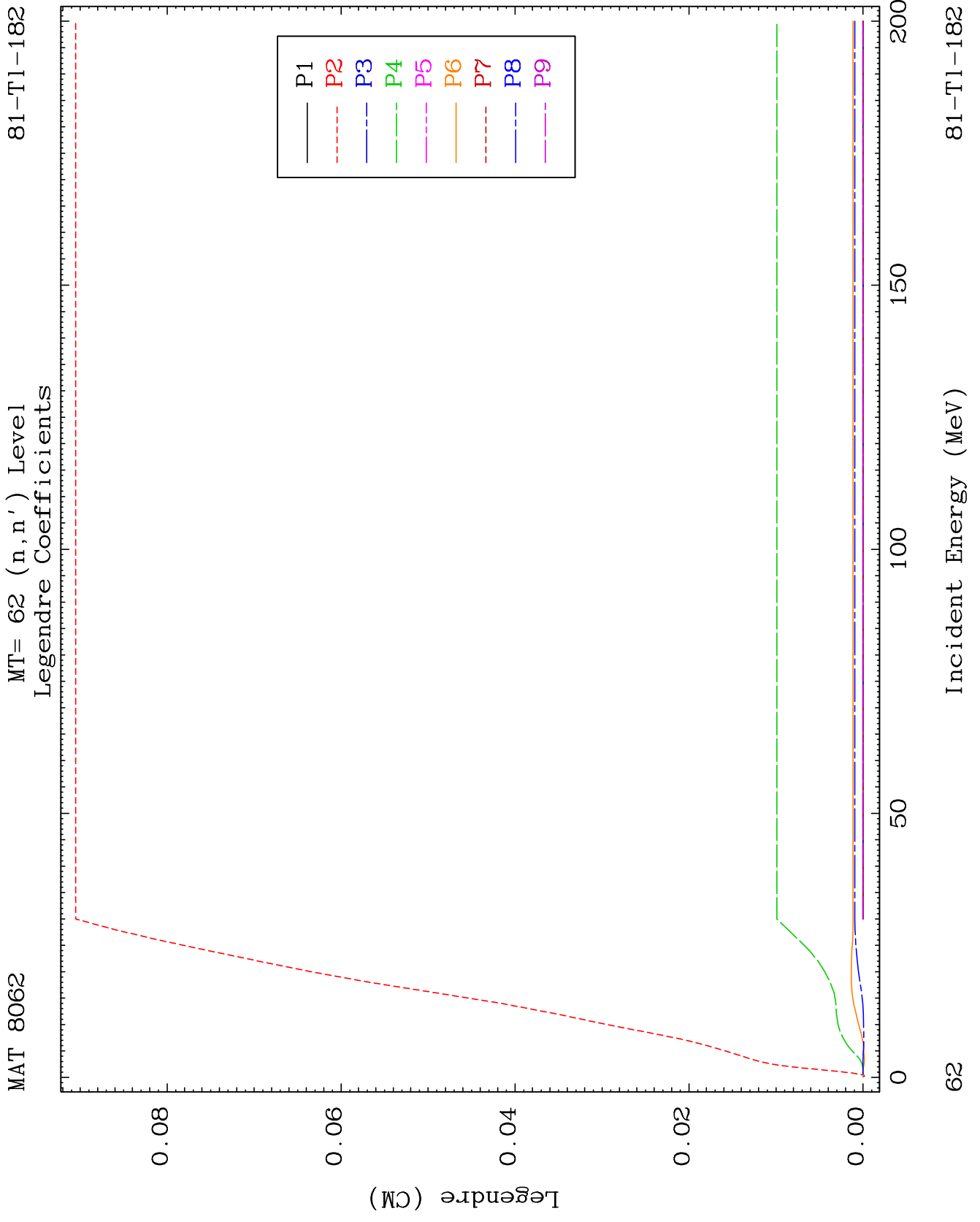


60

Incident Energy (MeV)

81-Tl-182

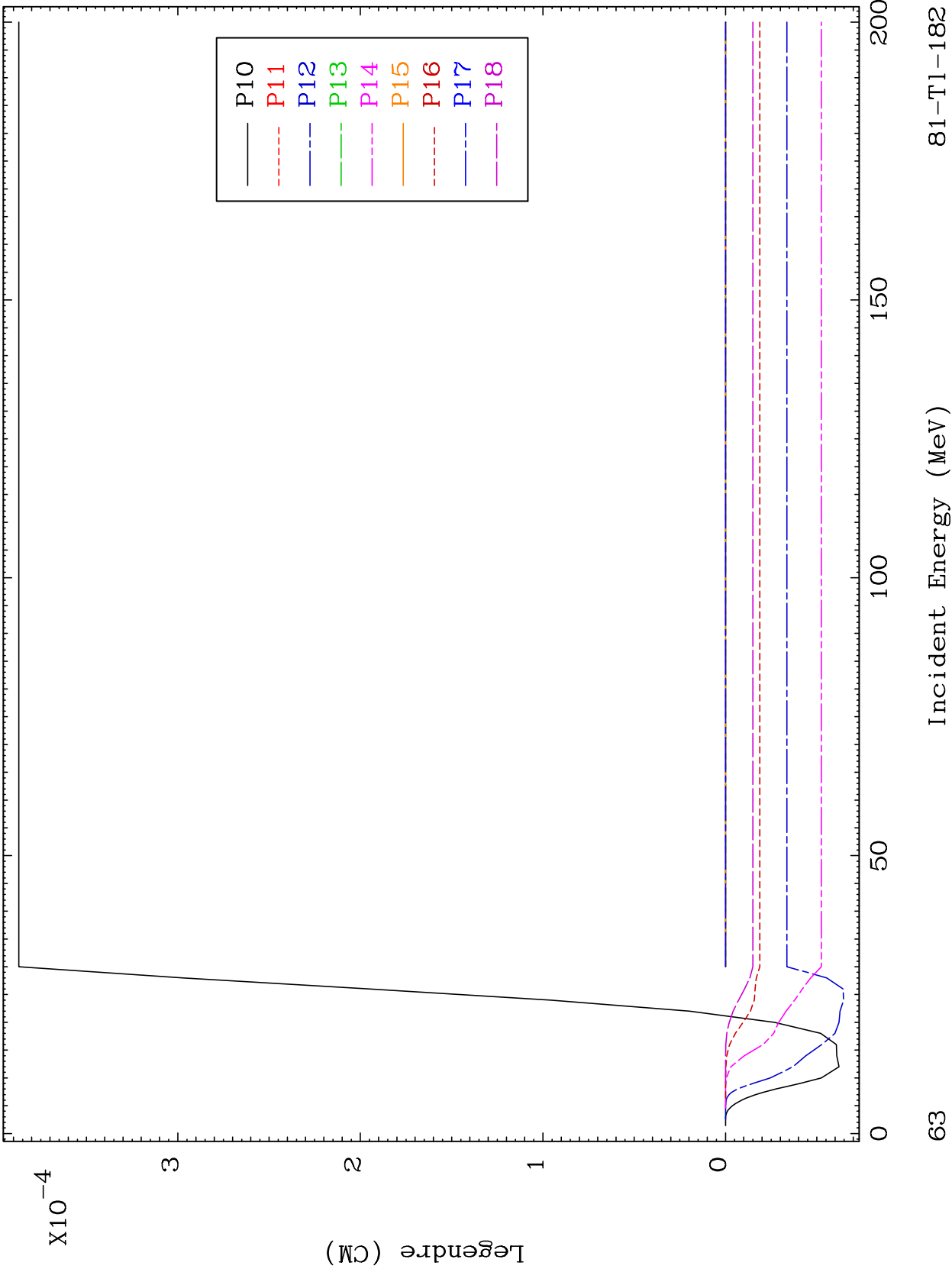




MAT 8062

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

81-Tl-182



63

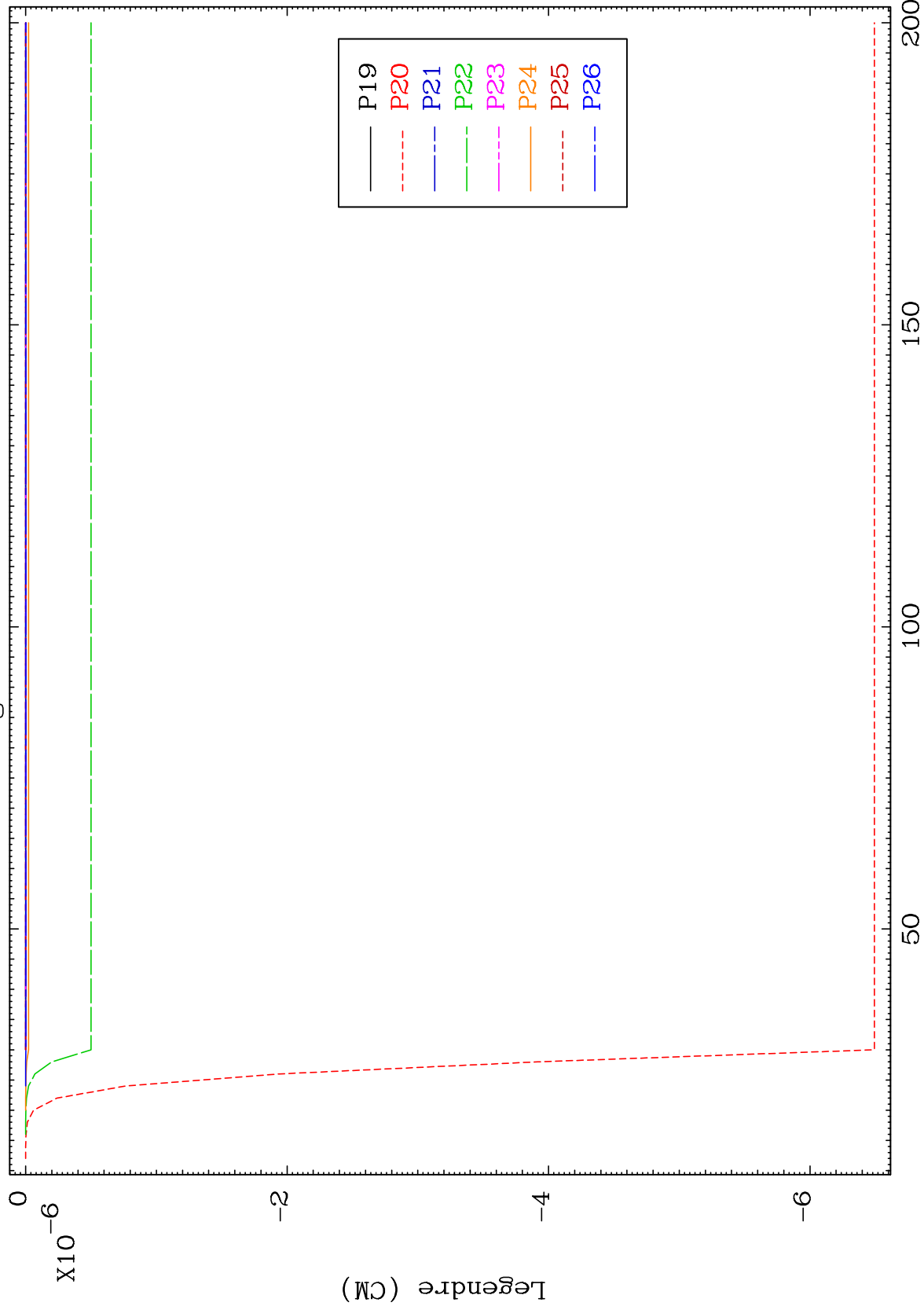
Incident Energy (MeV)

81-Tl-182

MAT 8062

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

81-T1-182



81-T1-182

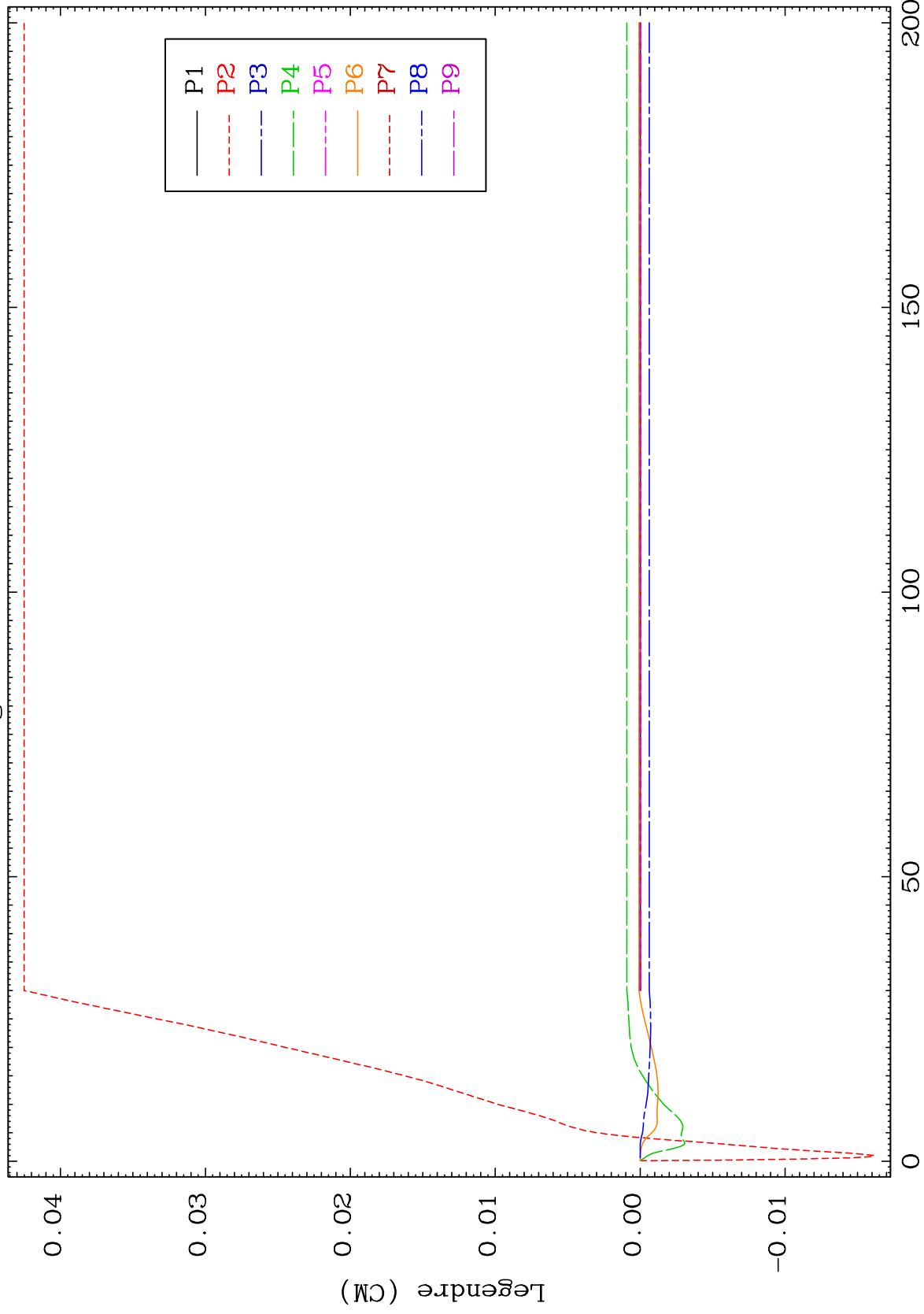
Incident Energy (MeV)

64

MAT 8062

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

81-T1-182



81-T1-182

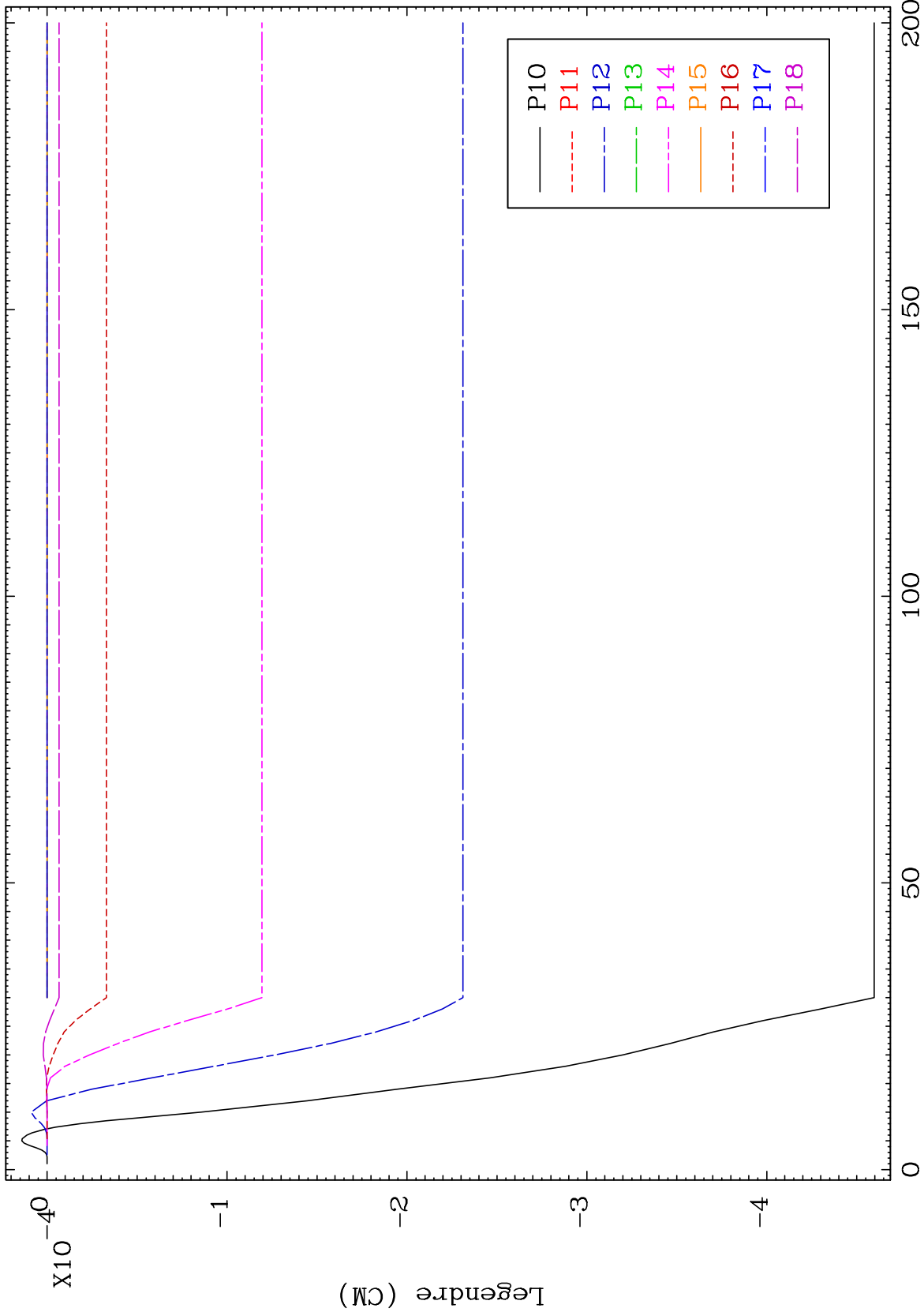
Incident Energy (MeV)

65

MAT 8062

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

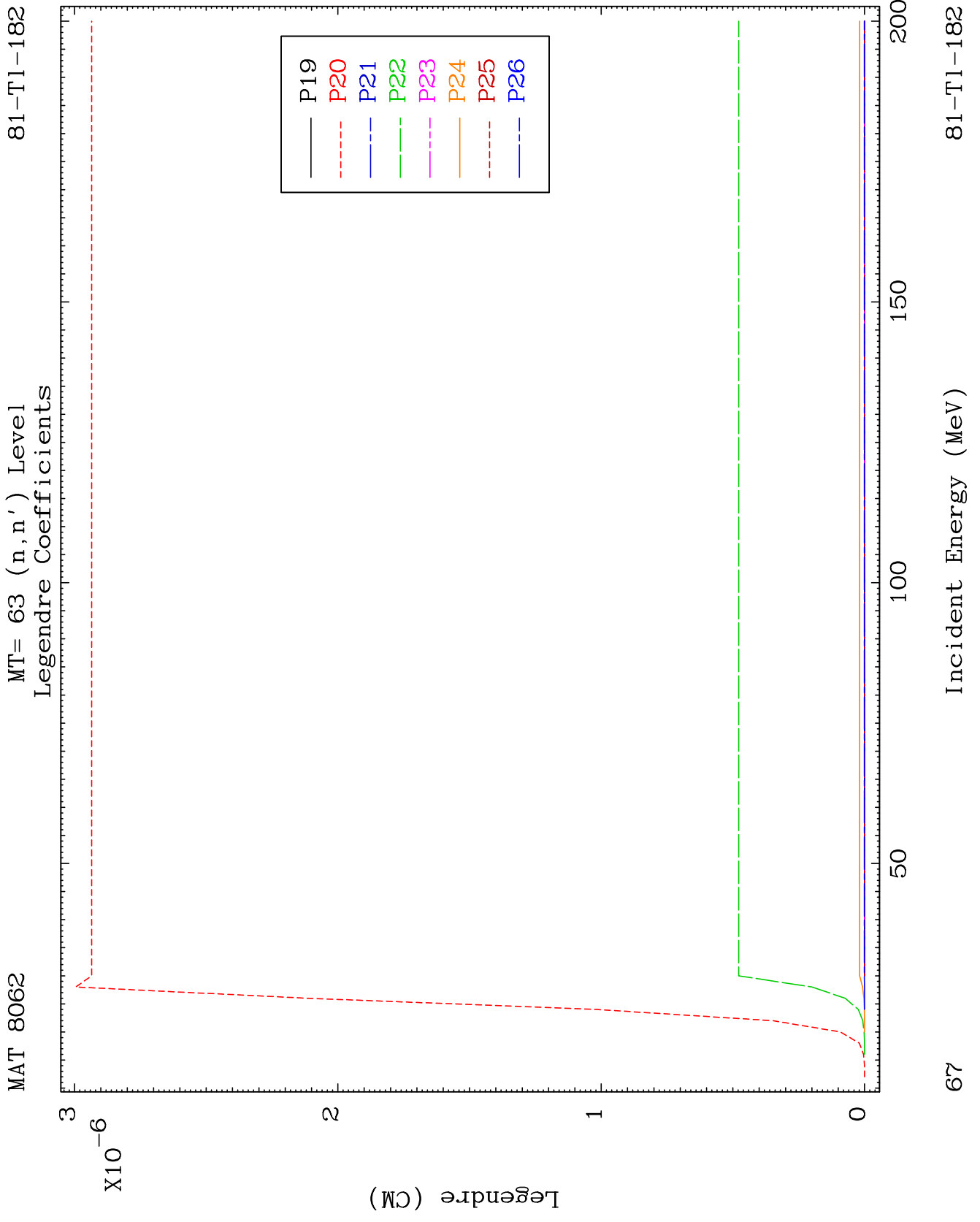
81-Tl-182



66

Incident Energy (MeV)

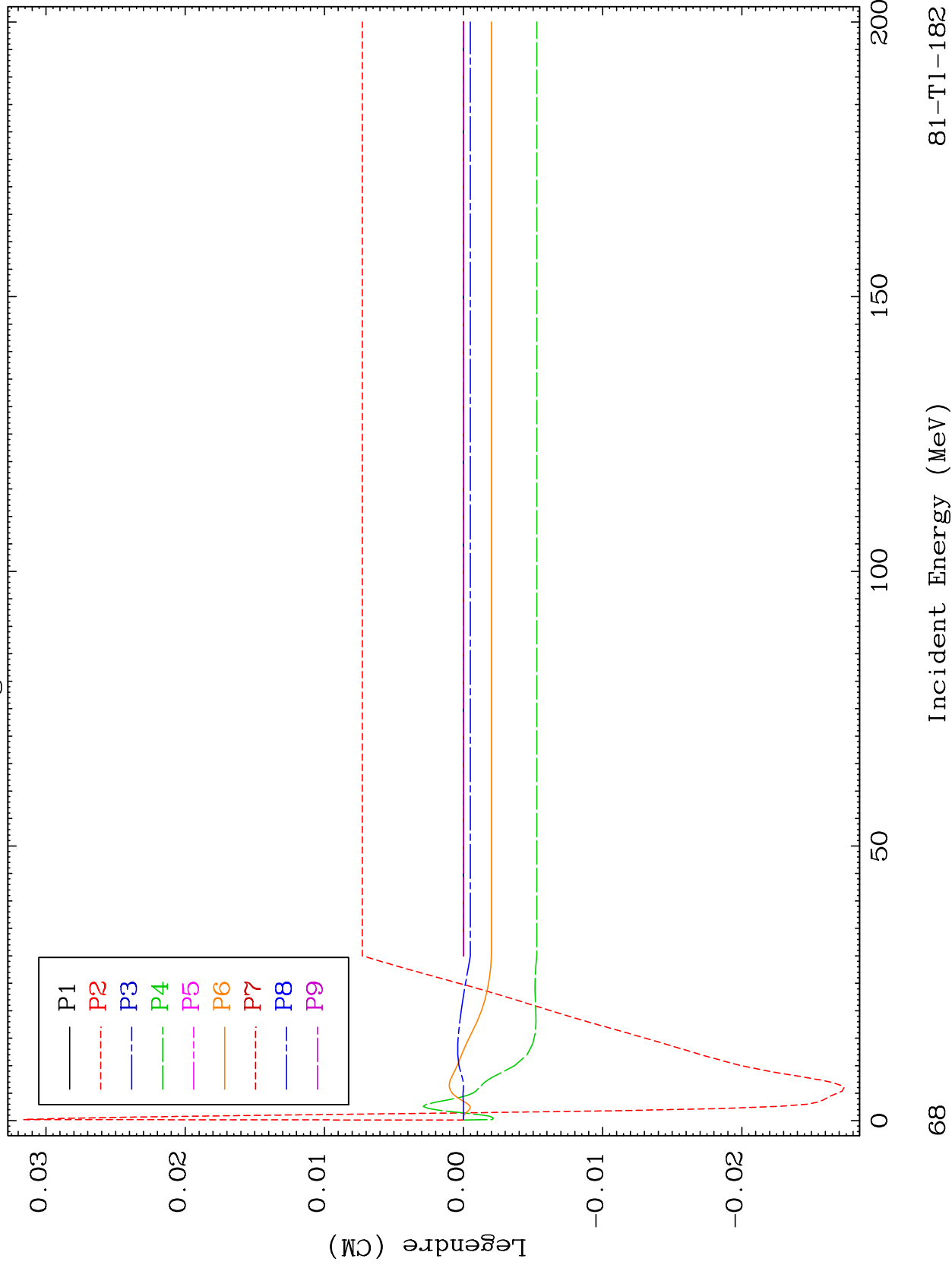
81-Tl-182



MAT 8062

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

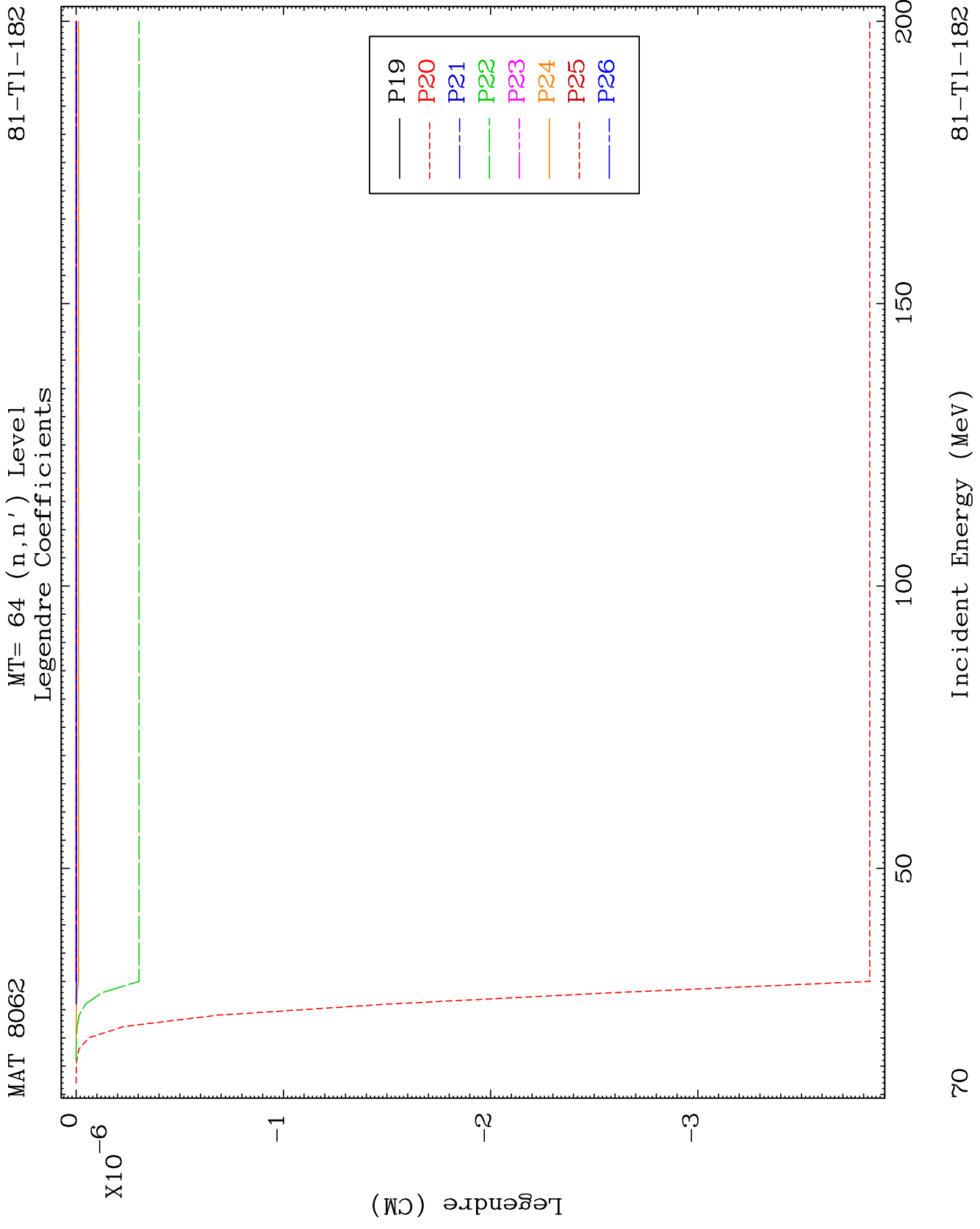
81-Tl-182



81-Tl-182

Incident Energy (MeV)

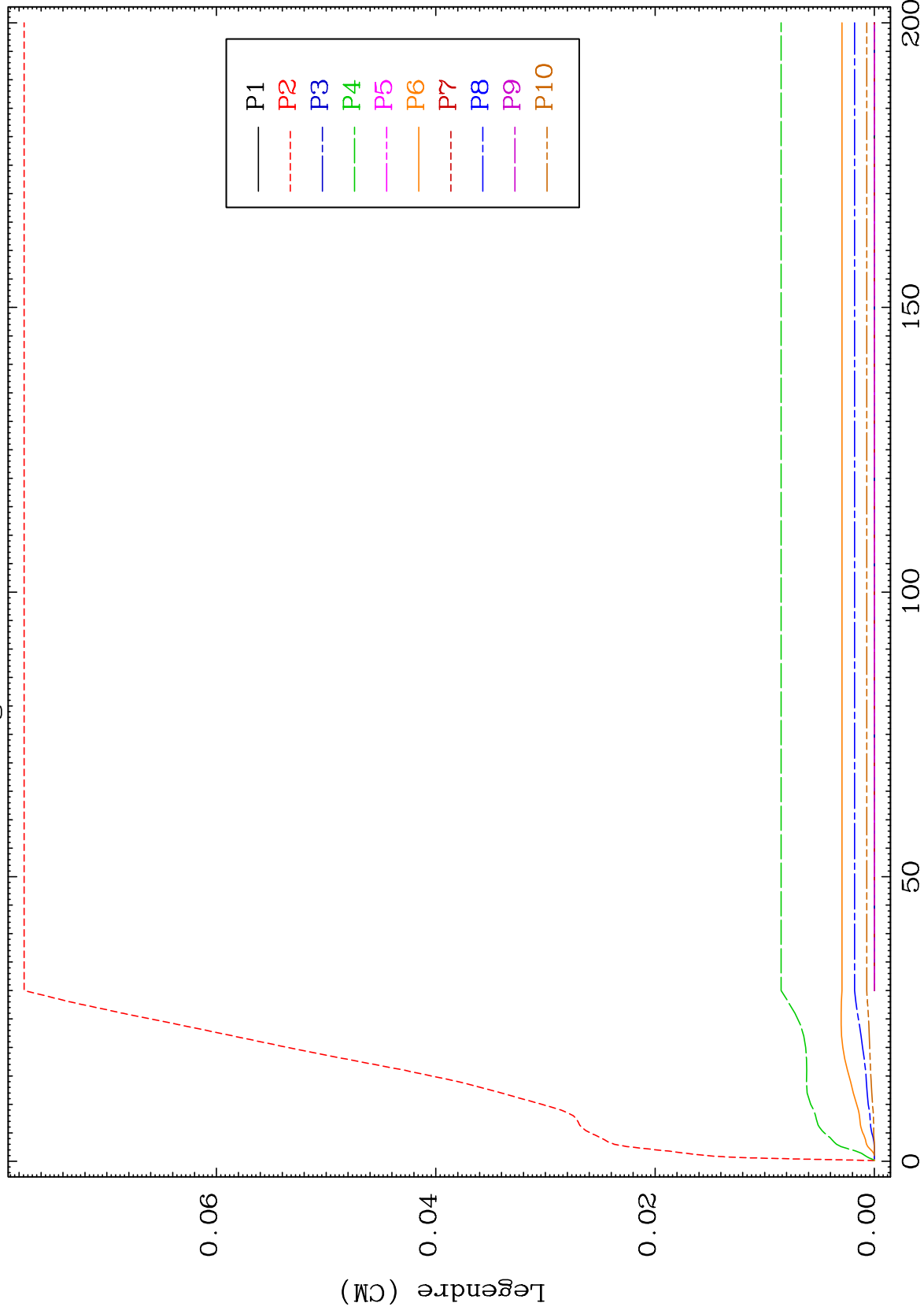
68



MAT 8062

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

81-T1-182



71

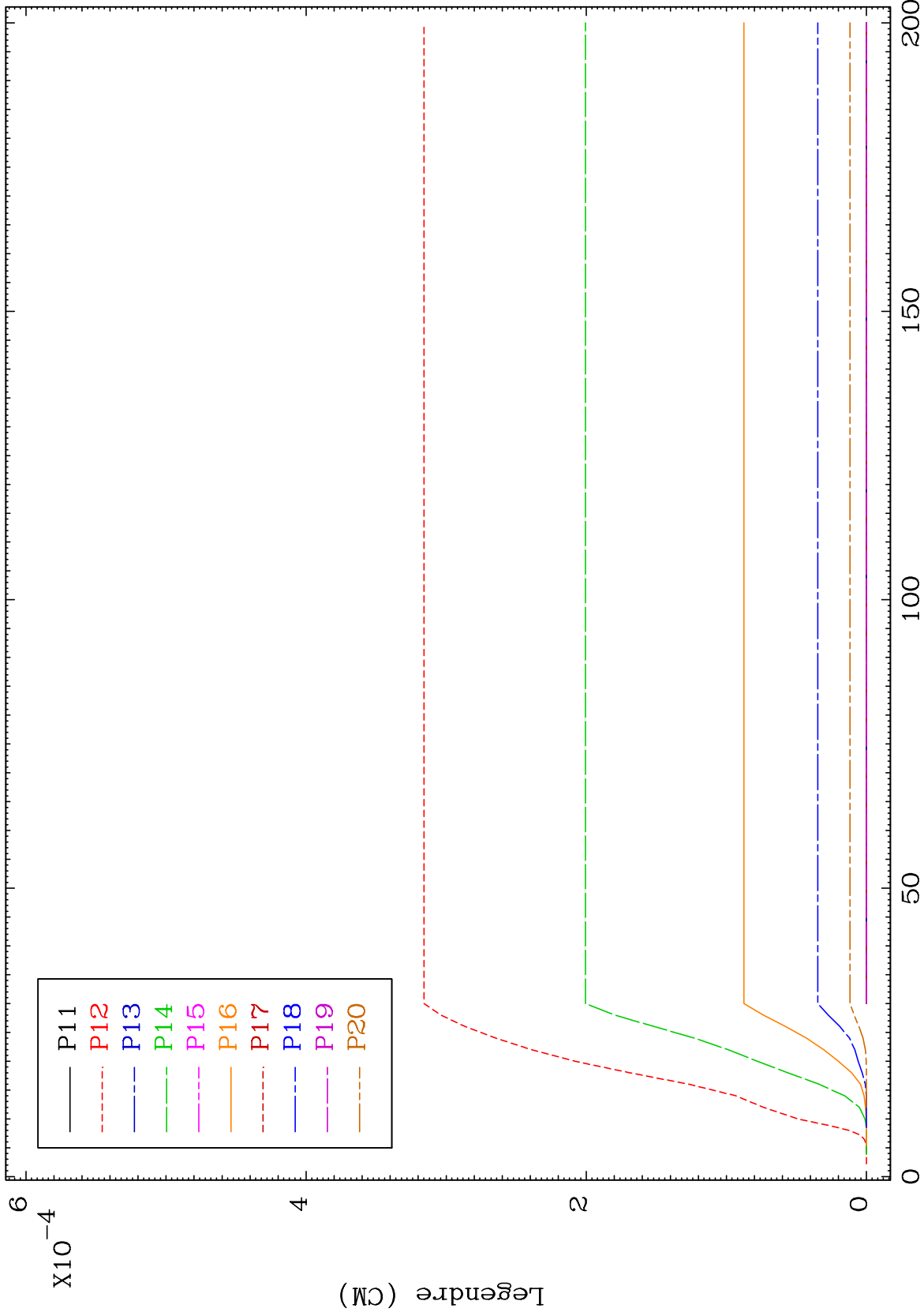
Incident Energy (MeV)

81-T1-182

MAT 8062

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

81-T1-182



72

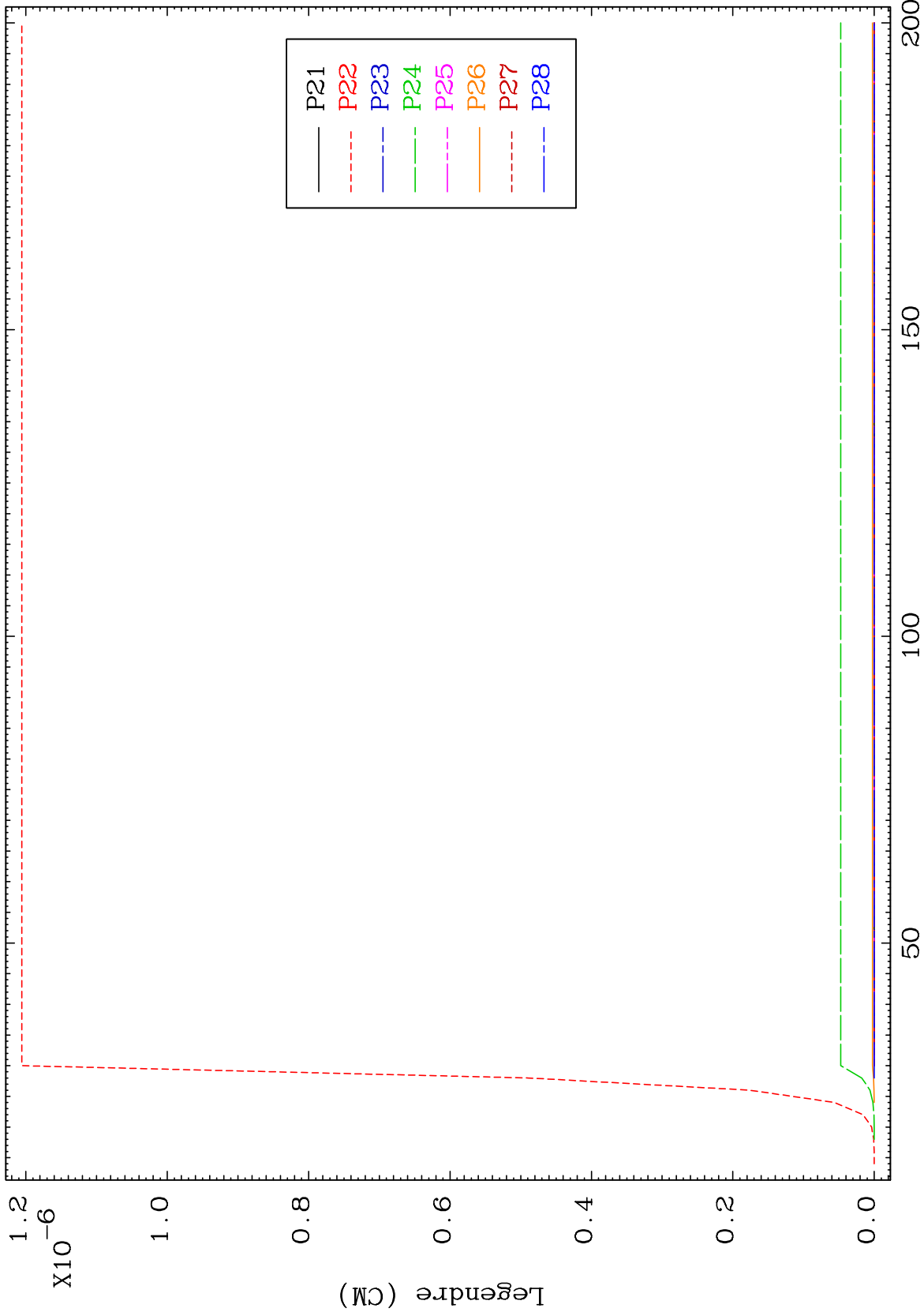
Incident Energy (MeV)

81-T1-182

MAT 8062

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

81-Tl-182



73

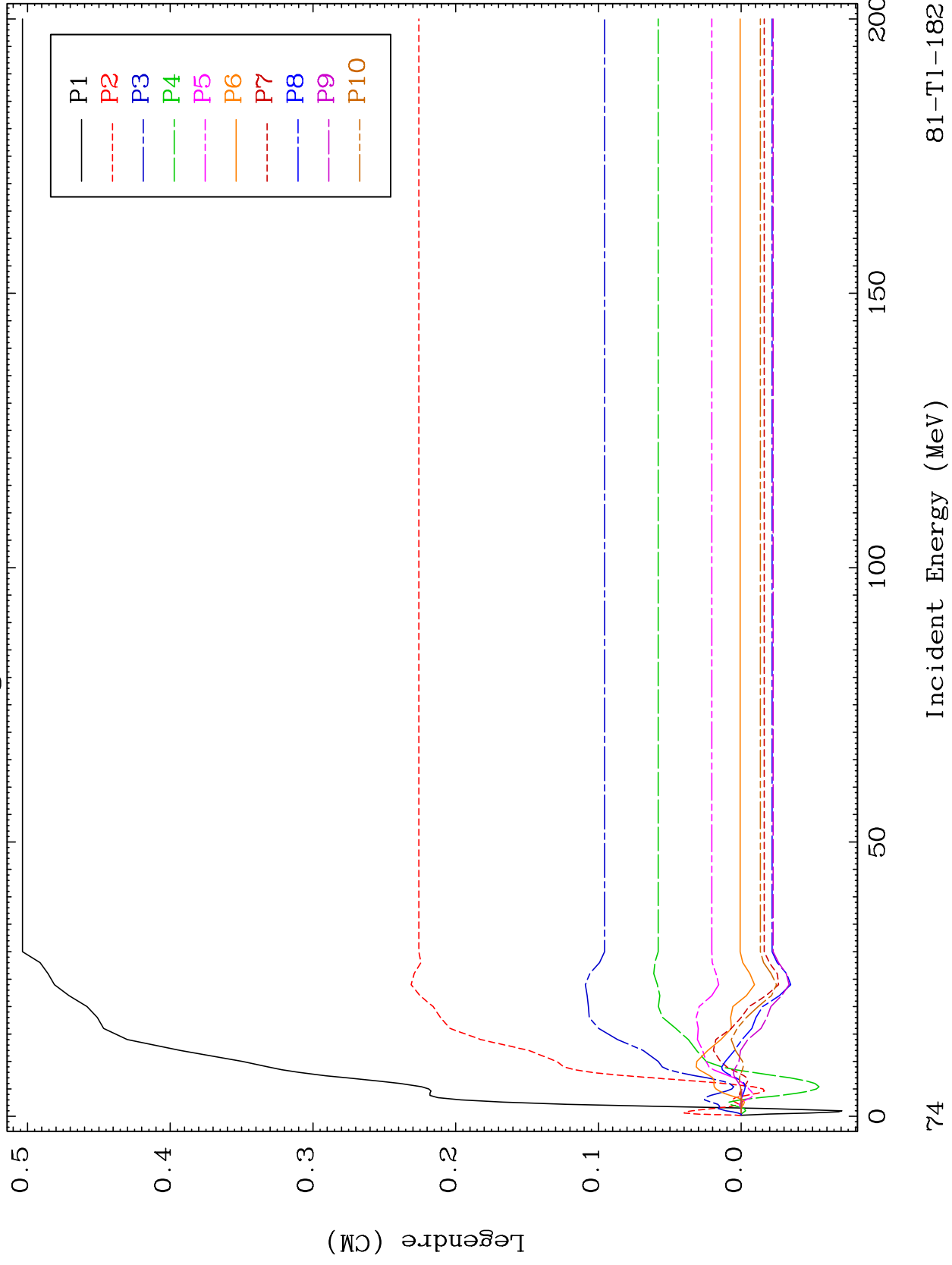
Incident Energy (MeV)

81-Tl-182

MAT 8062

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

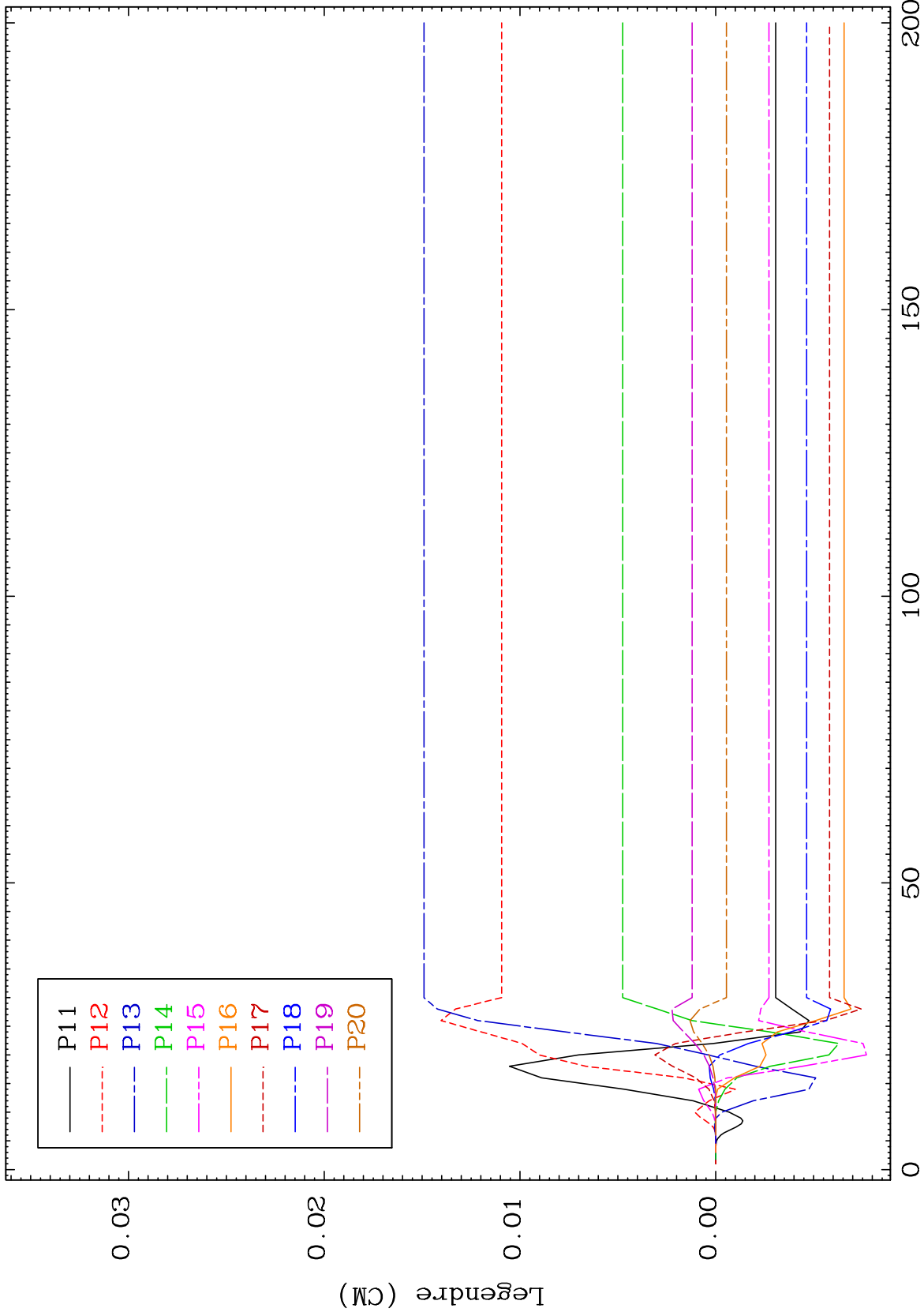
81-T1-182



MAT 8062

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

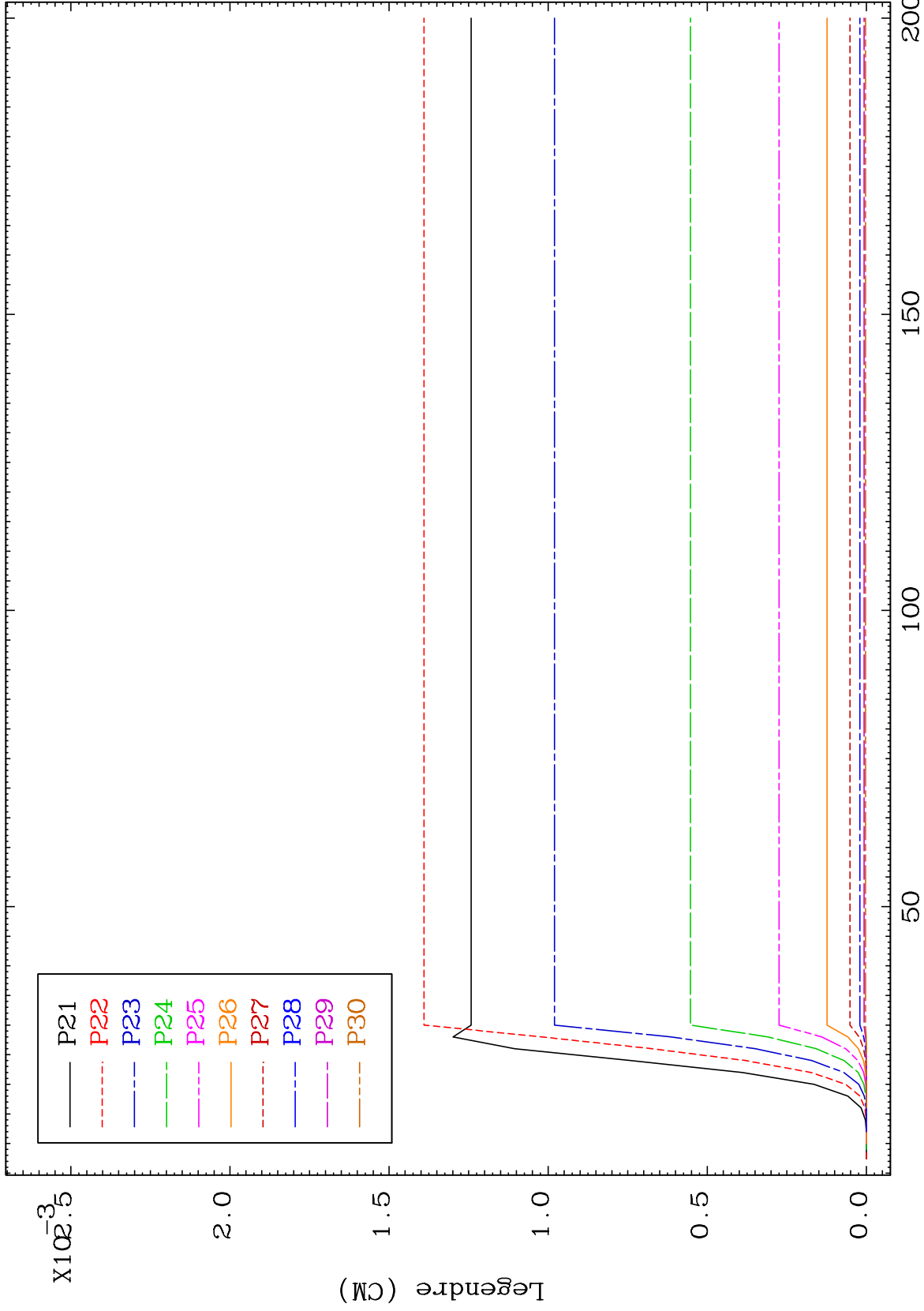
81-T1-182

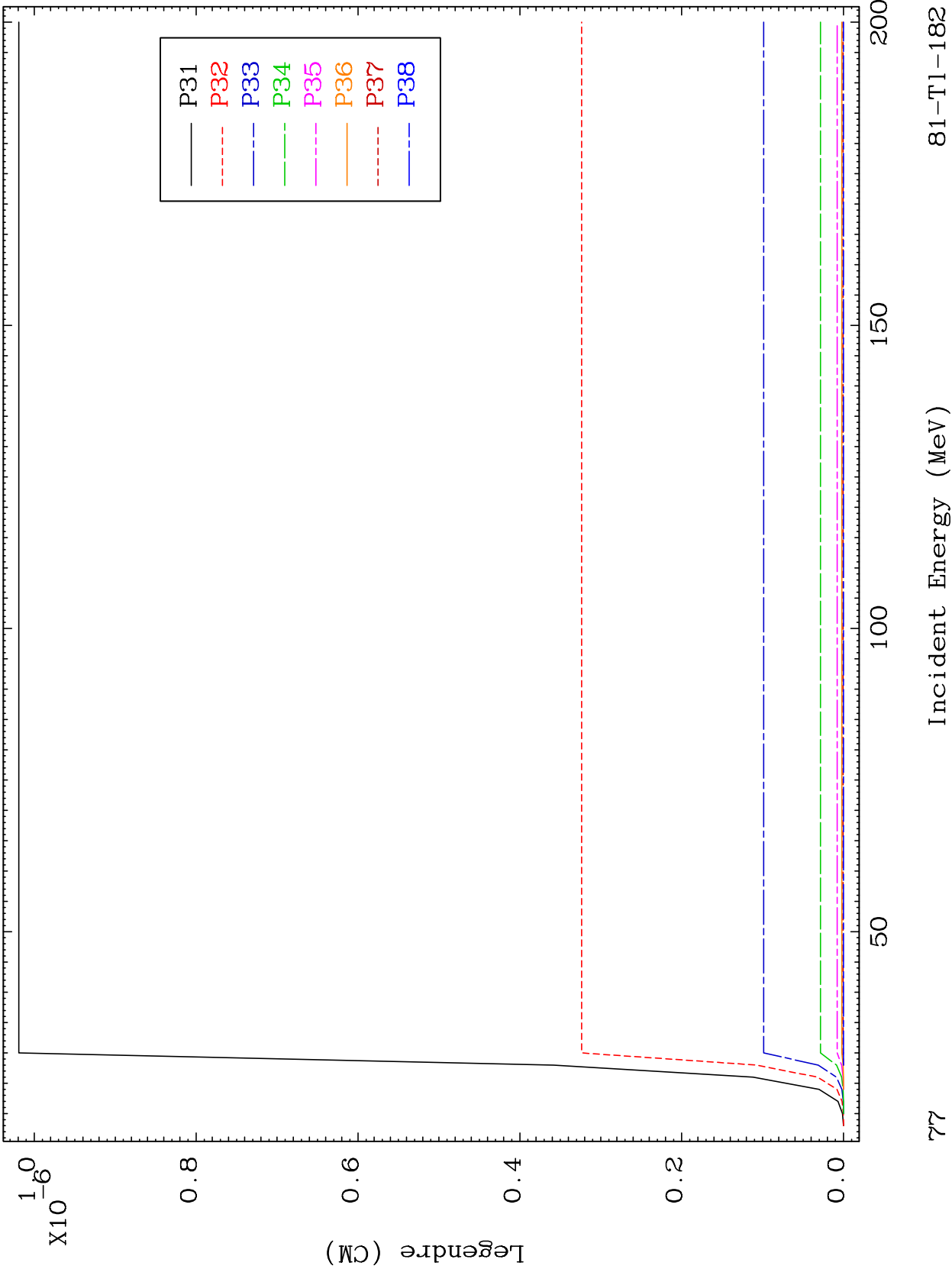


75

Incident Energy (MeV)

81-T1-182

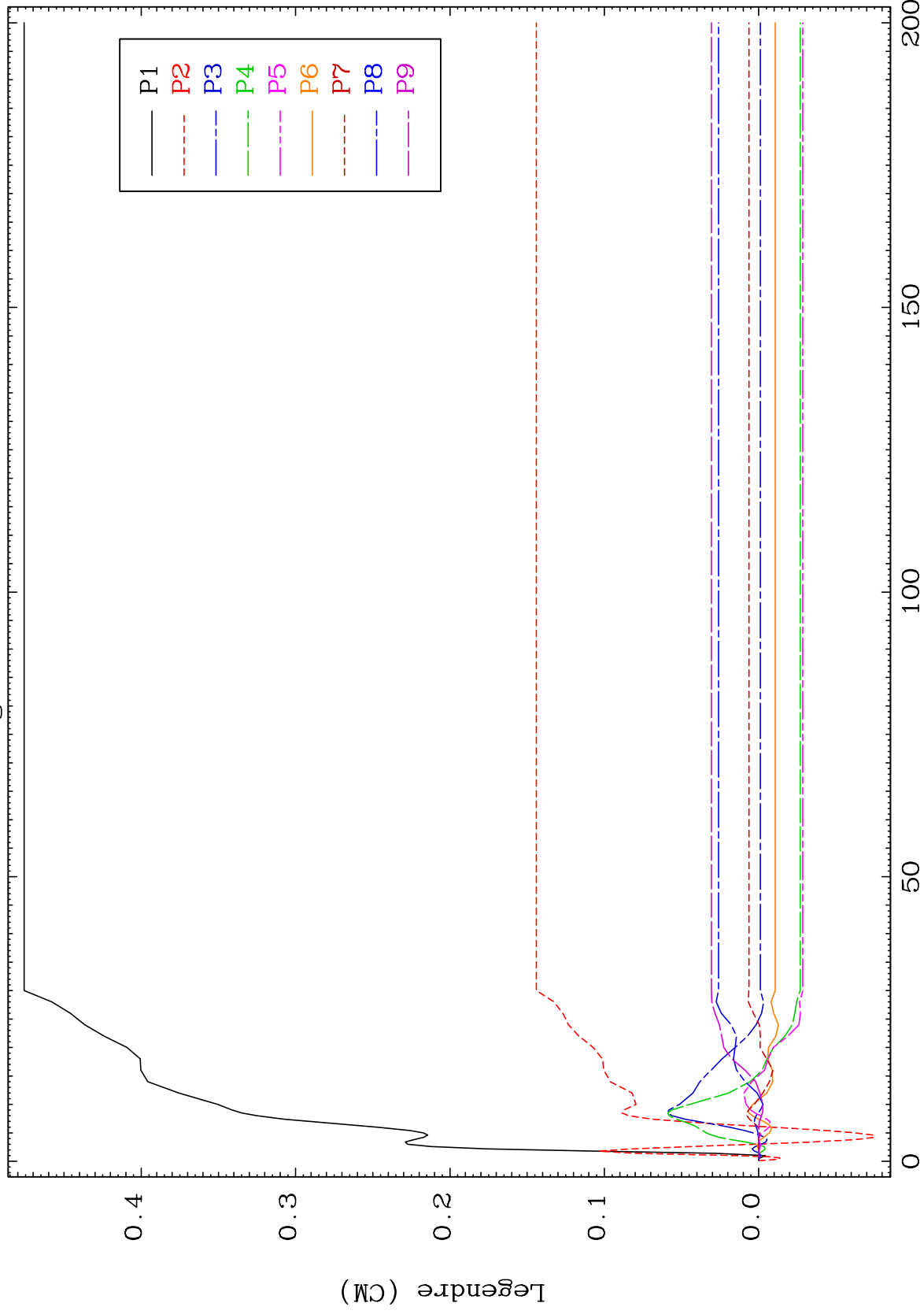




MAT 8062

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

81-T1-182



78

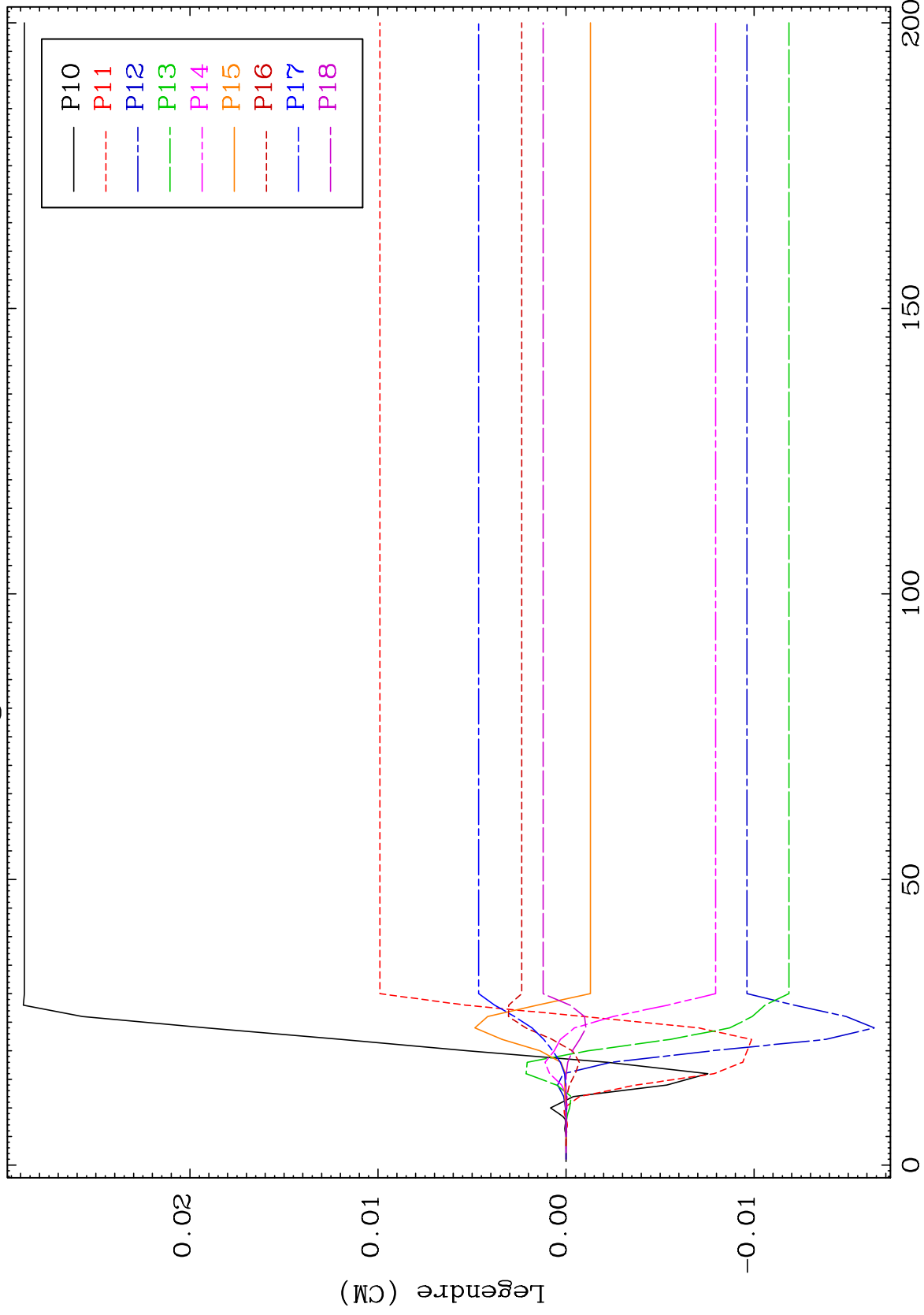
Incident Energy (MeV)

81-T1-182

MAT 8062

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

81-T1-182



79

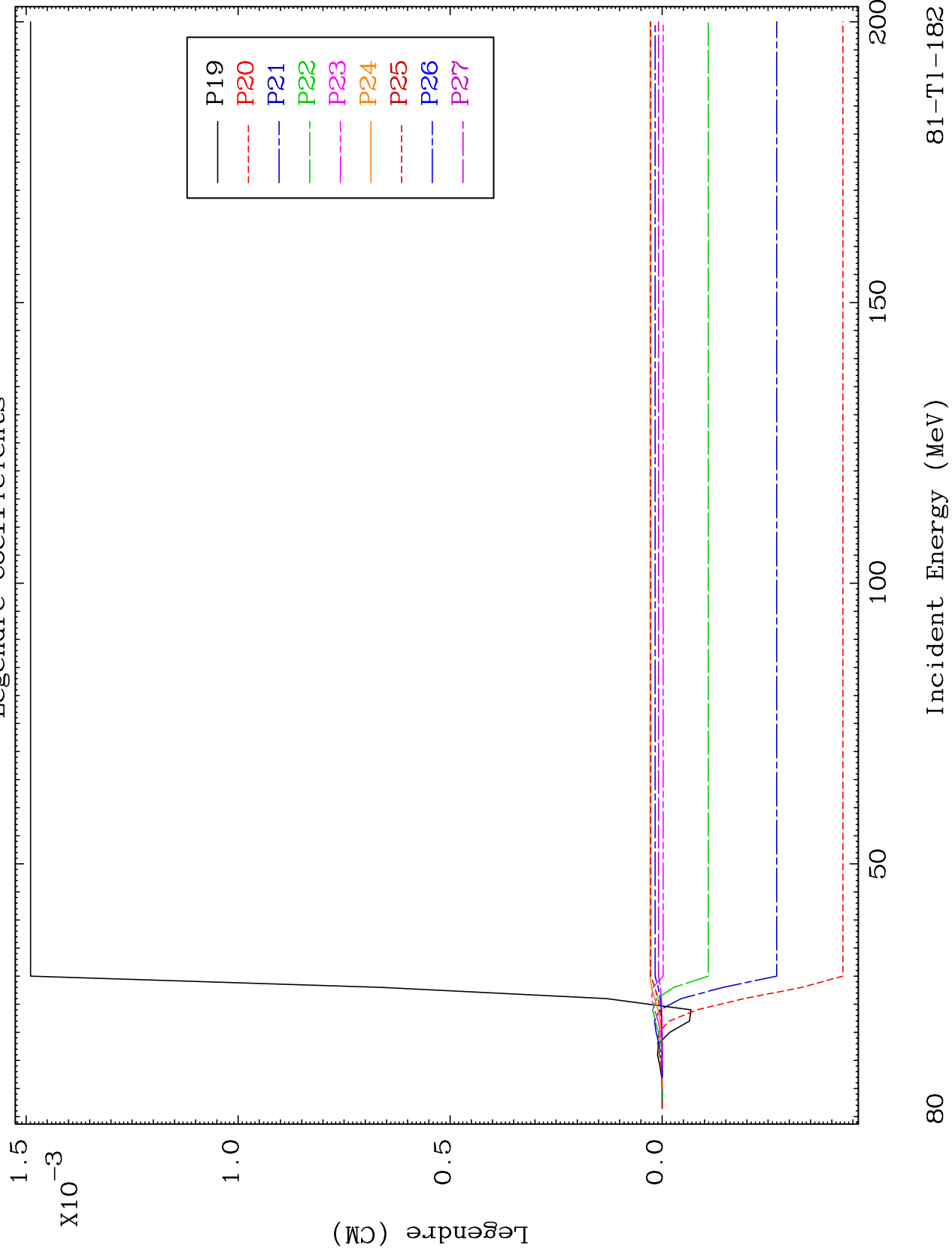
Incident Energy (MeV)

81-T1-182

MAT 8062

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

81-Tl-182



80

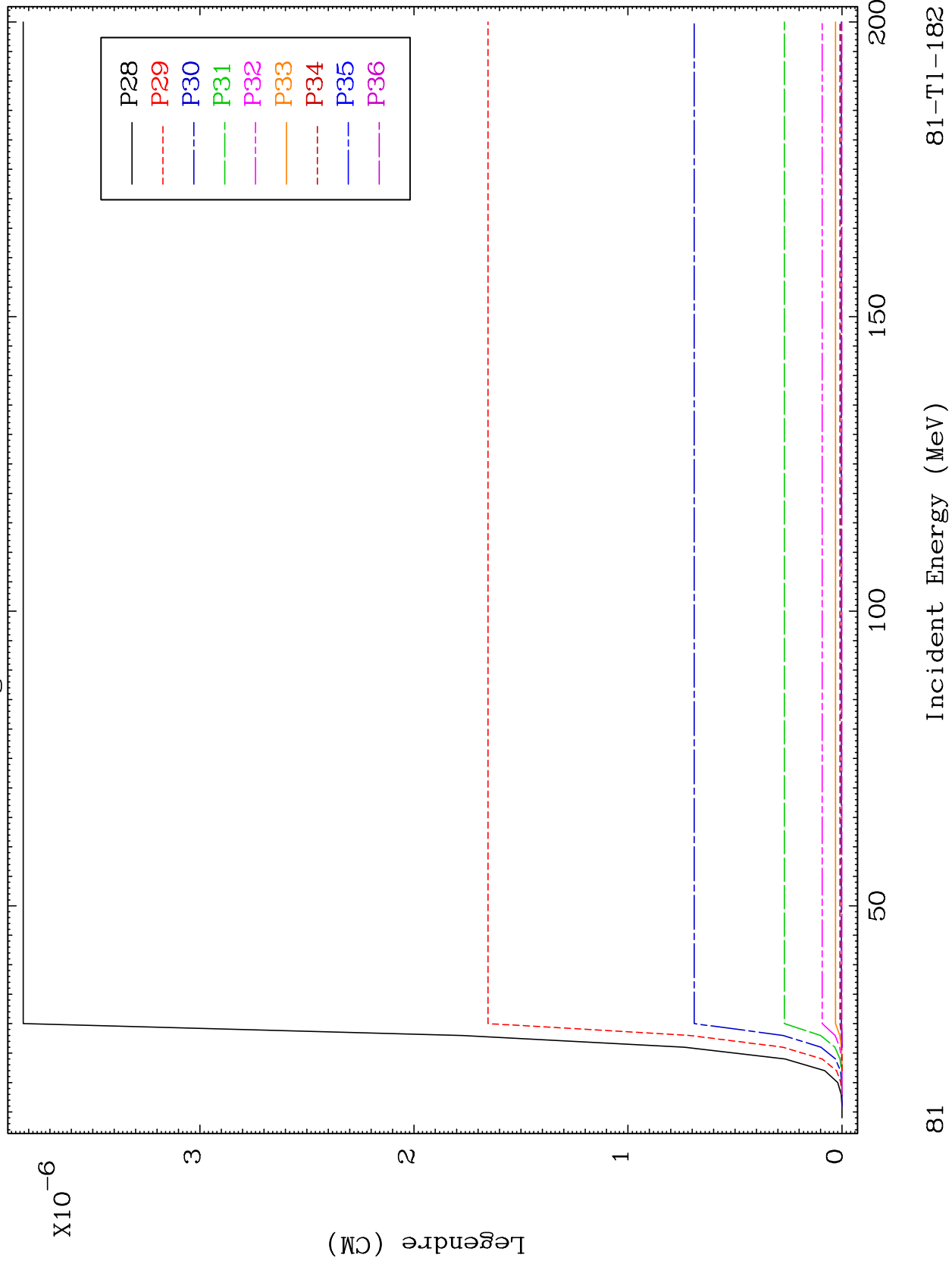
Incident Energy (MeV)

81-Tl-182

MAT 8062

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

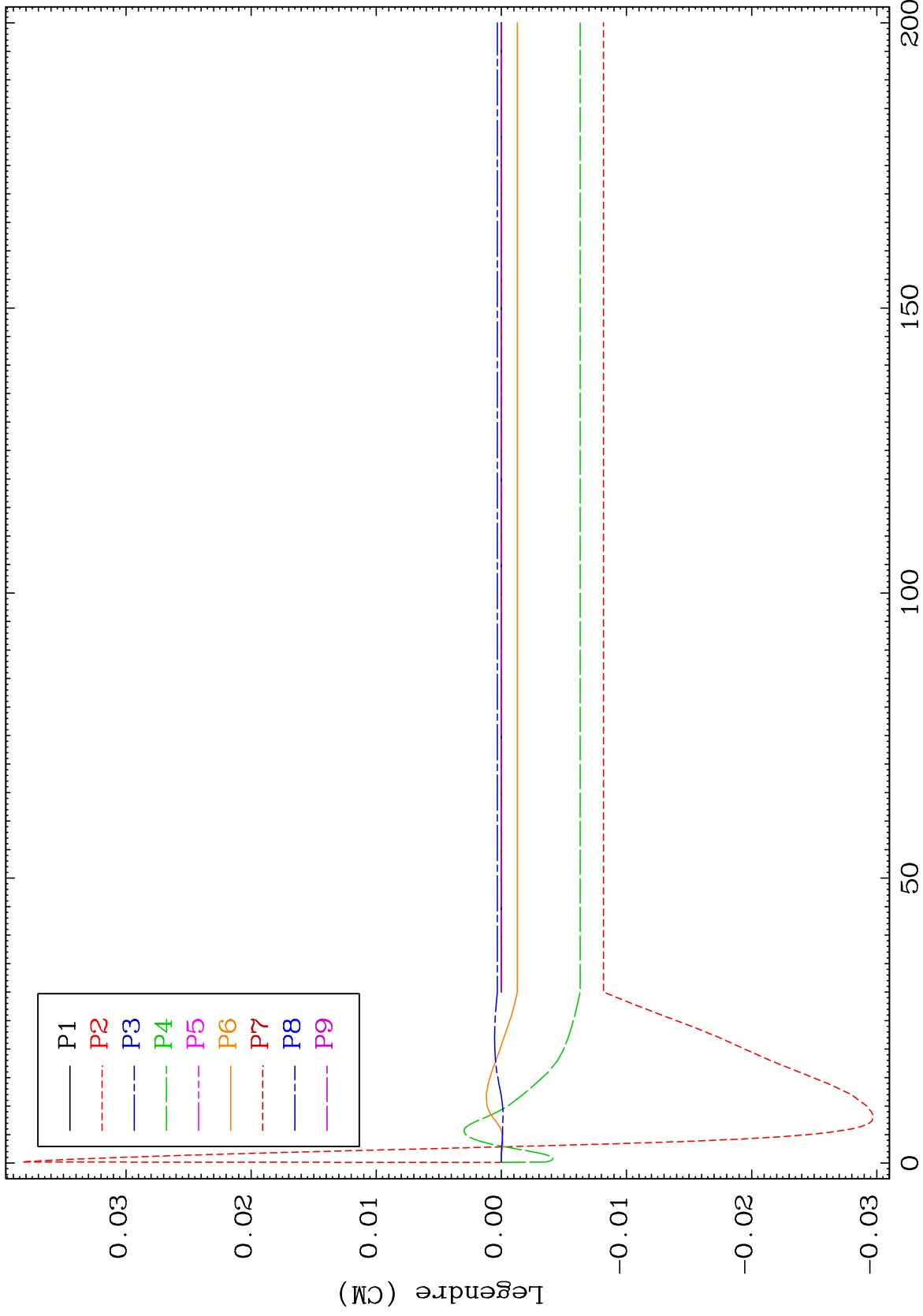
81-T1-182



MAT 8062

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

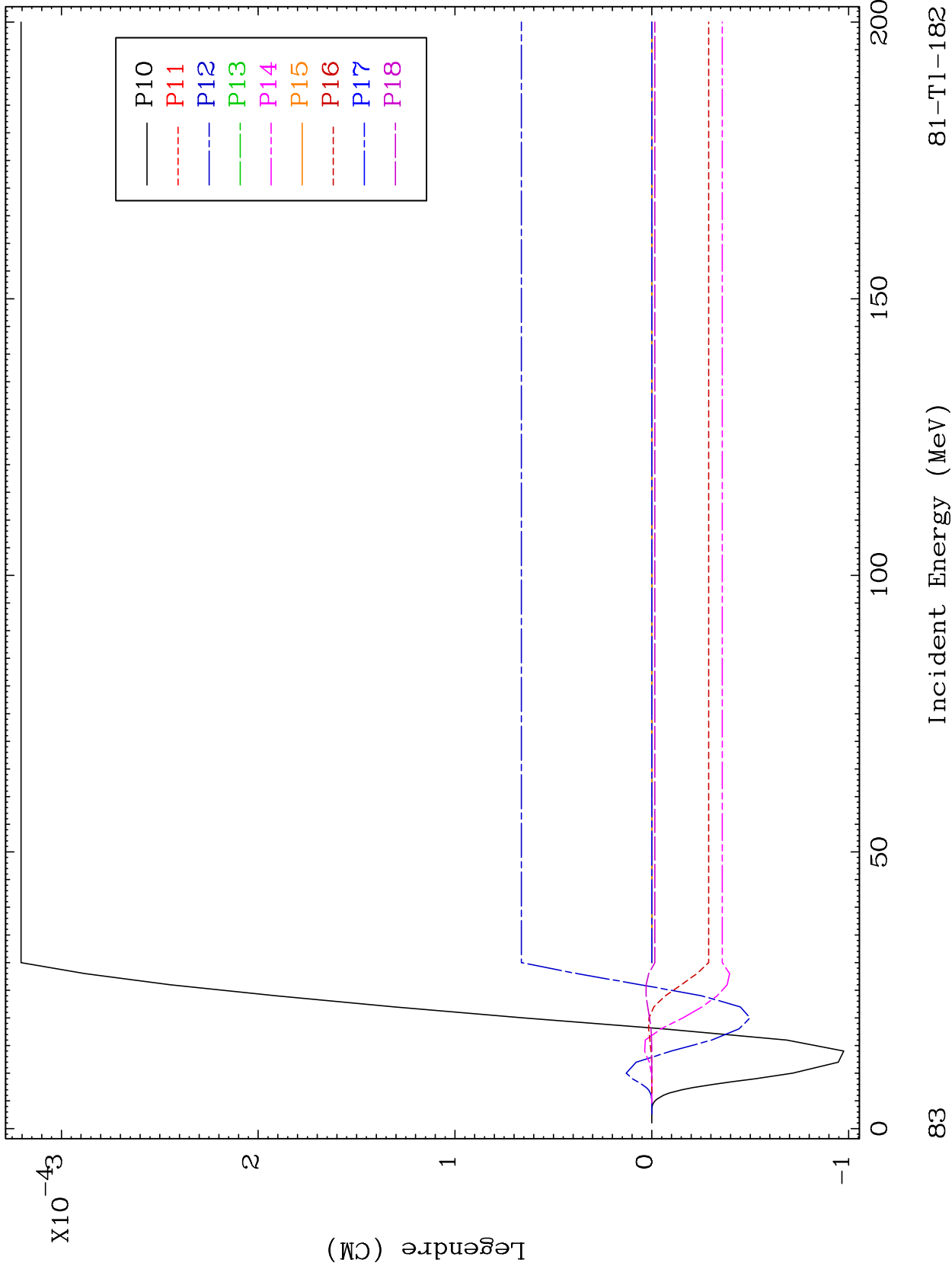
81-T1-182

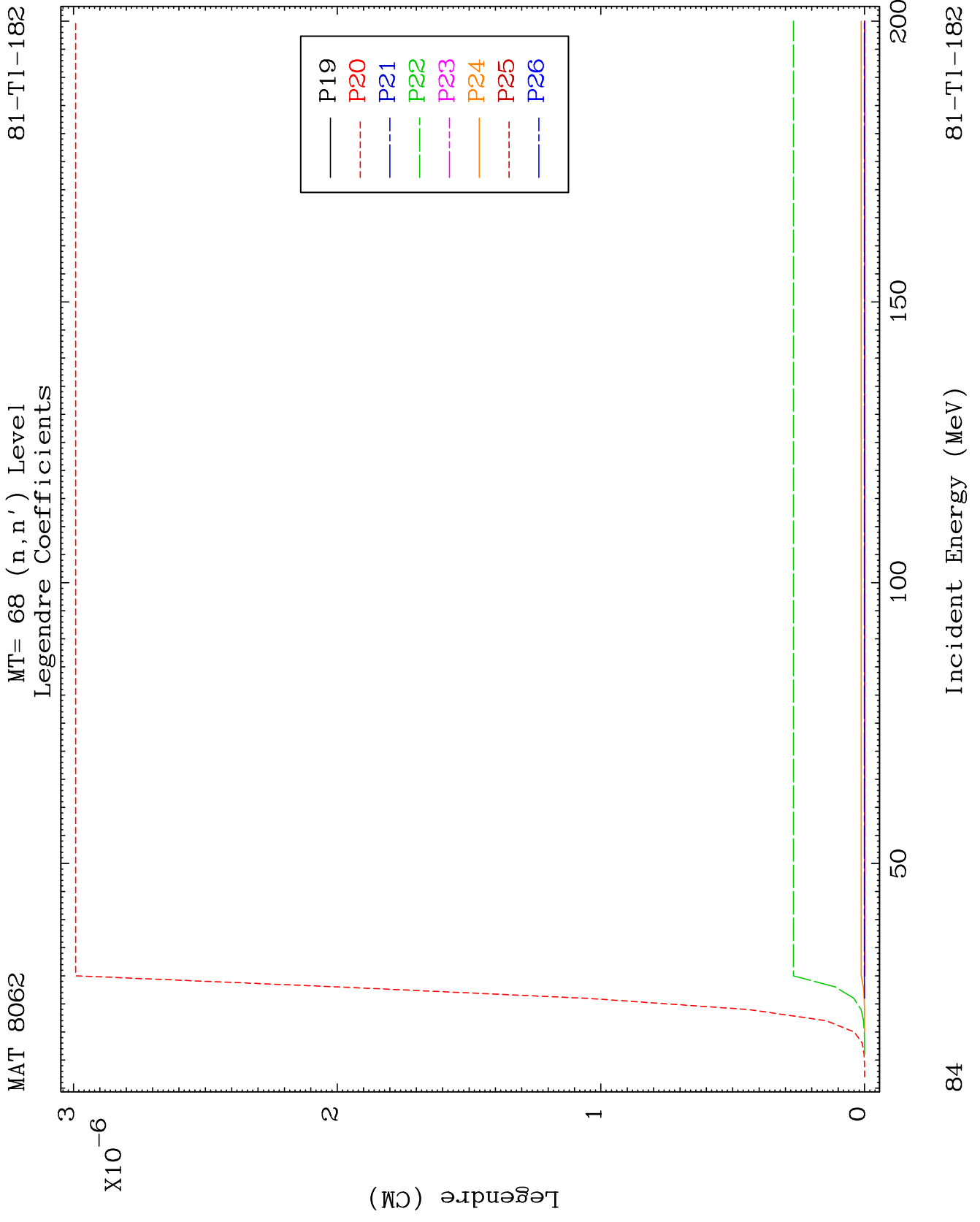


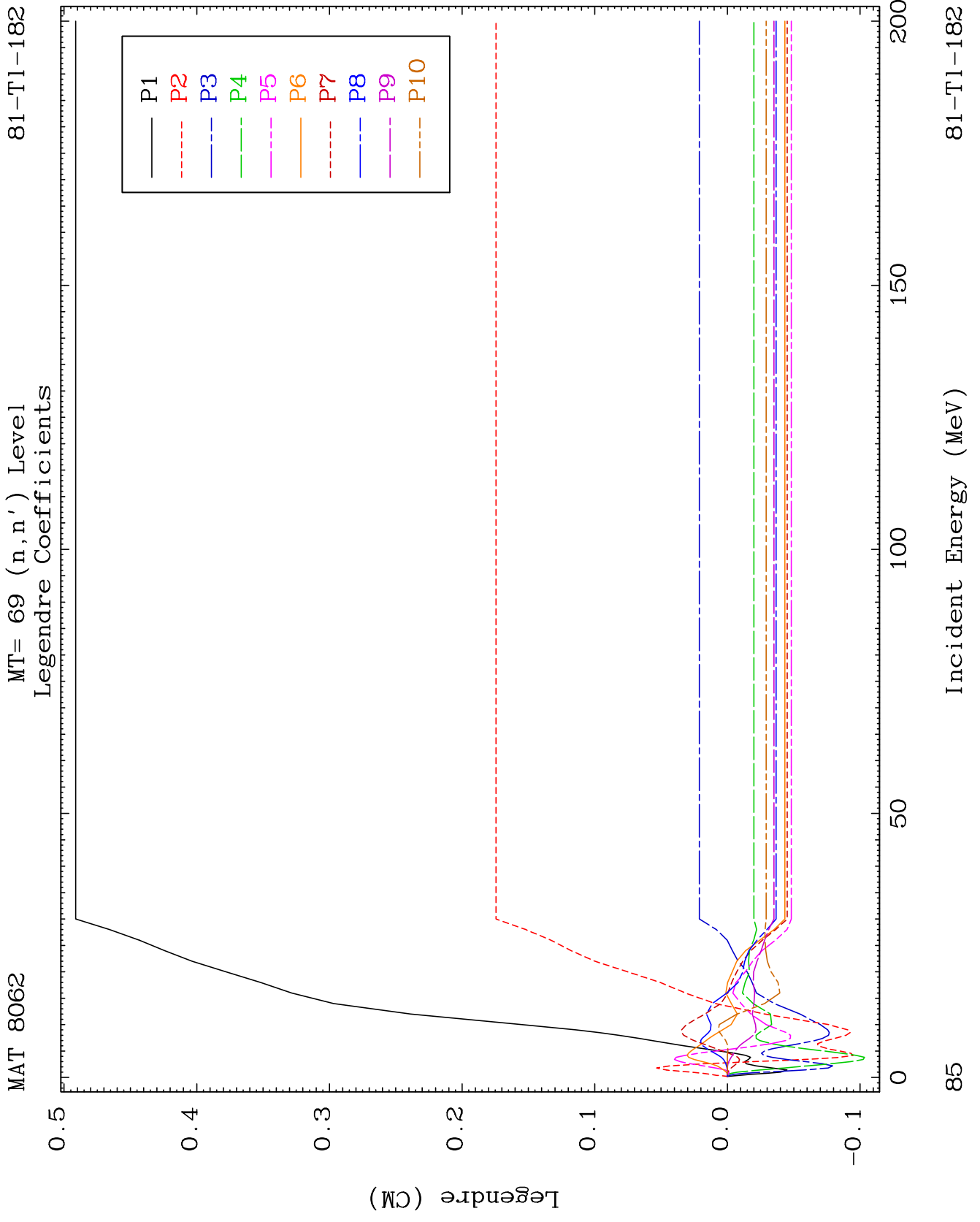
82

Incident Energy (MeV)

81-T1-182



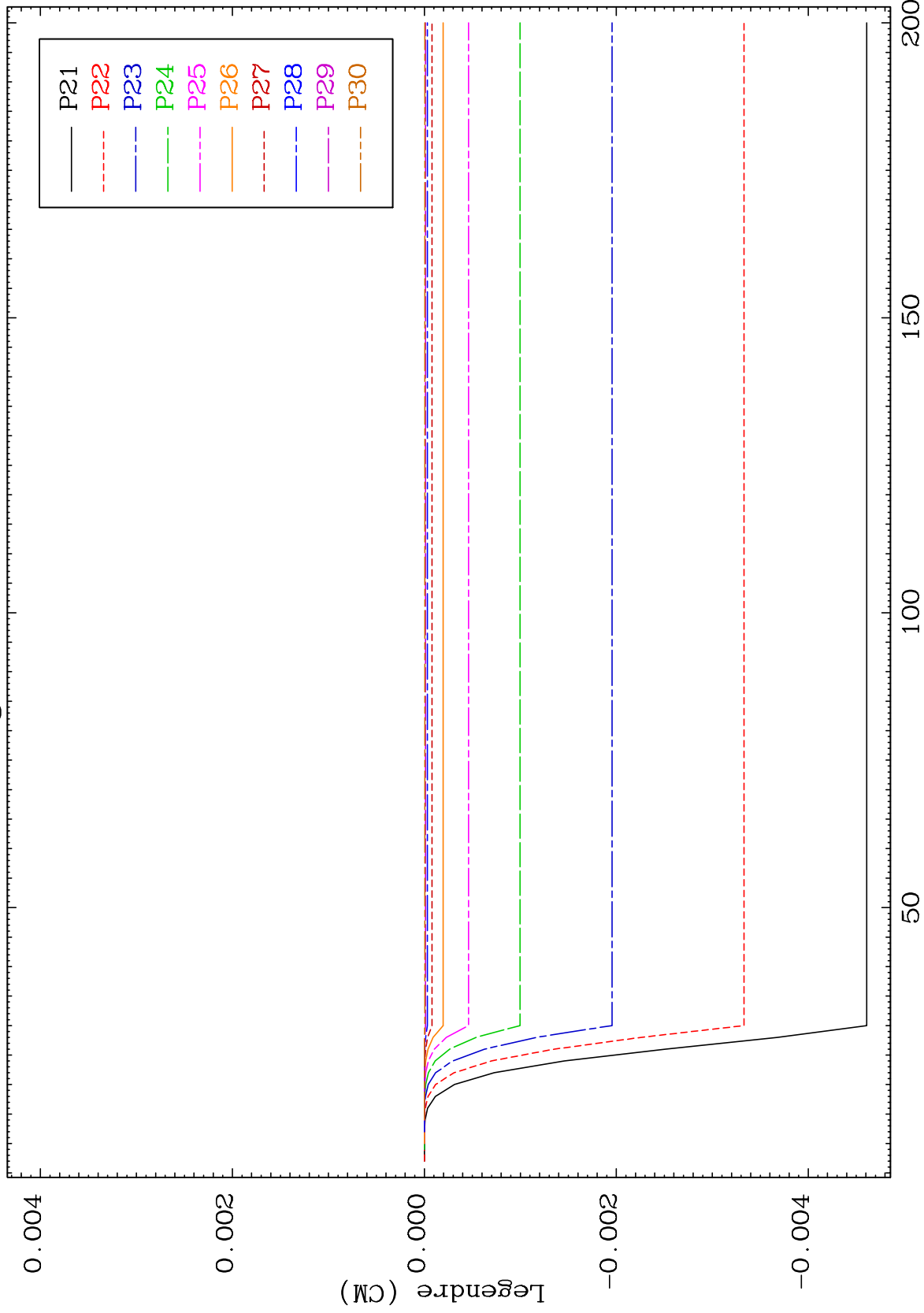




MAT 8062

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

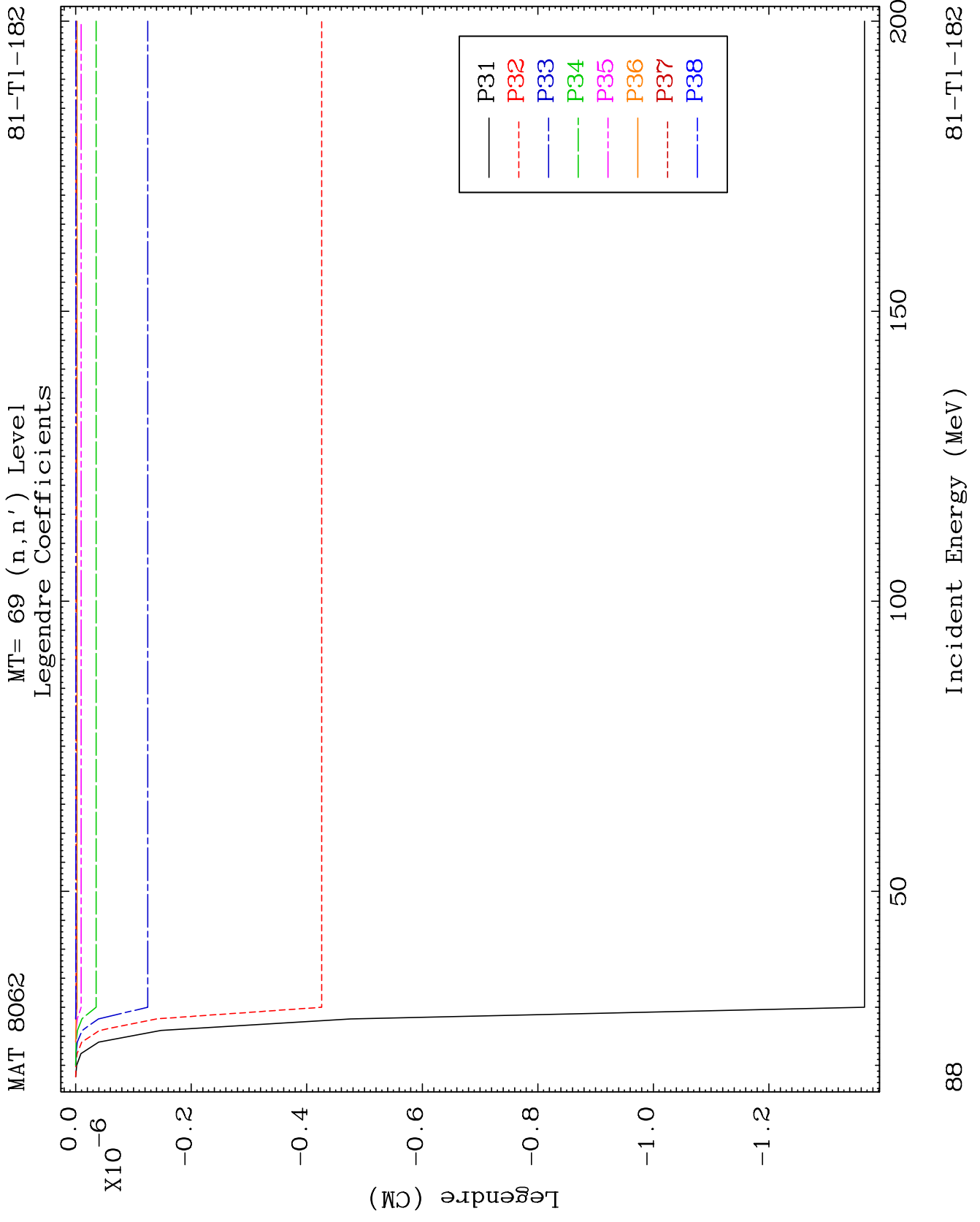
81-Tl-182



87

Incident Energy (MeV)

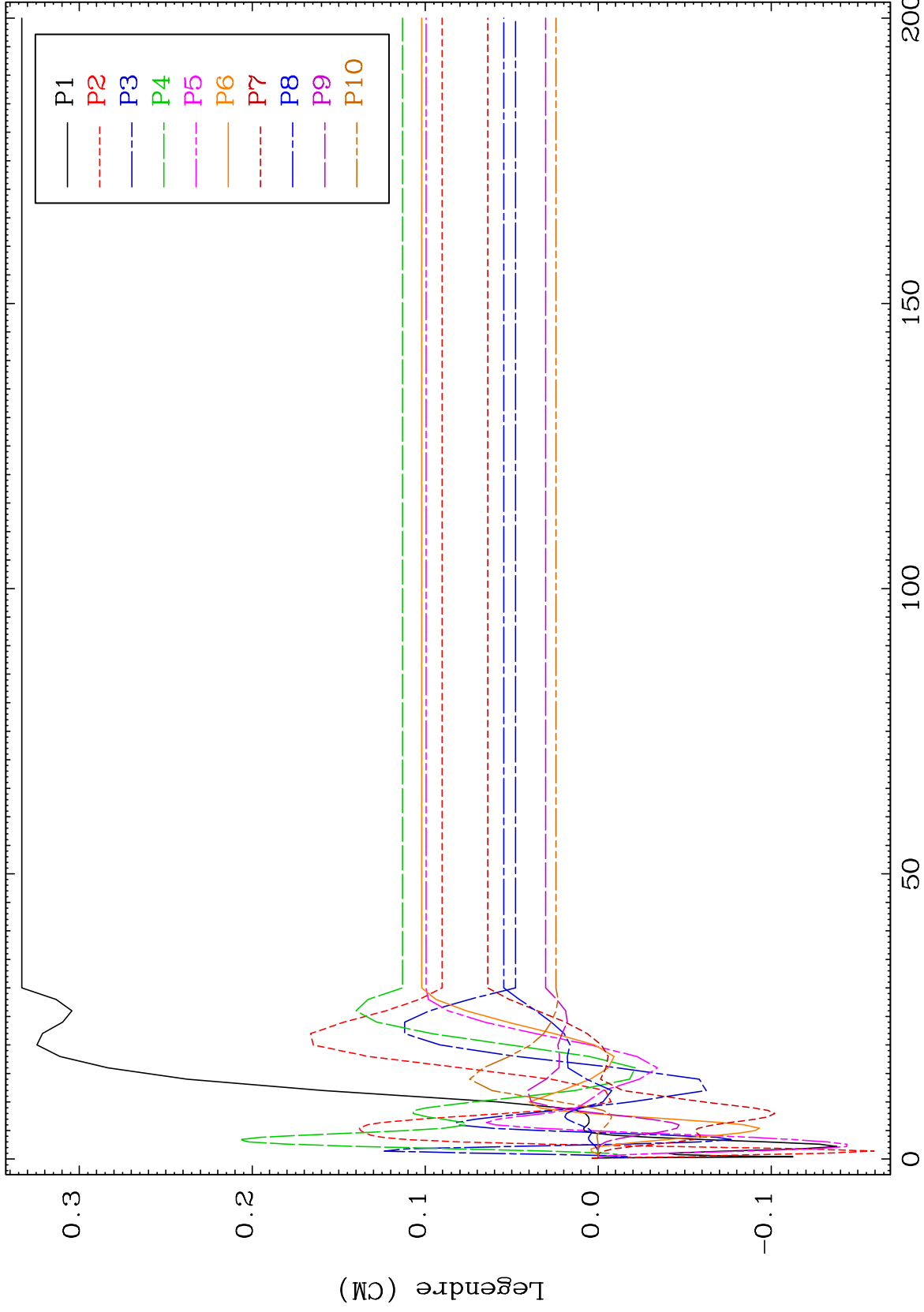
81-Tl-182



MAT 8062

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

81-T1-182



89

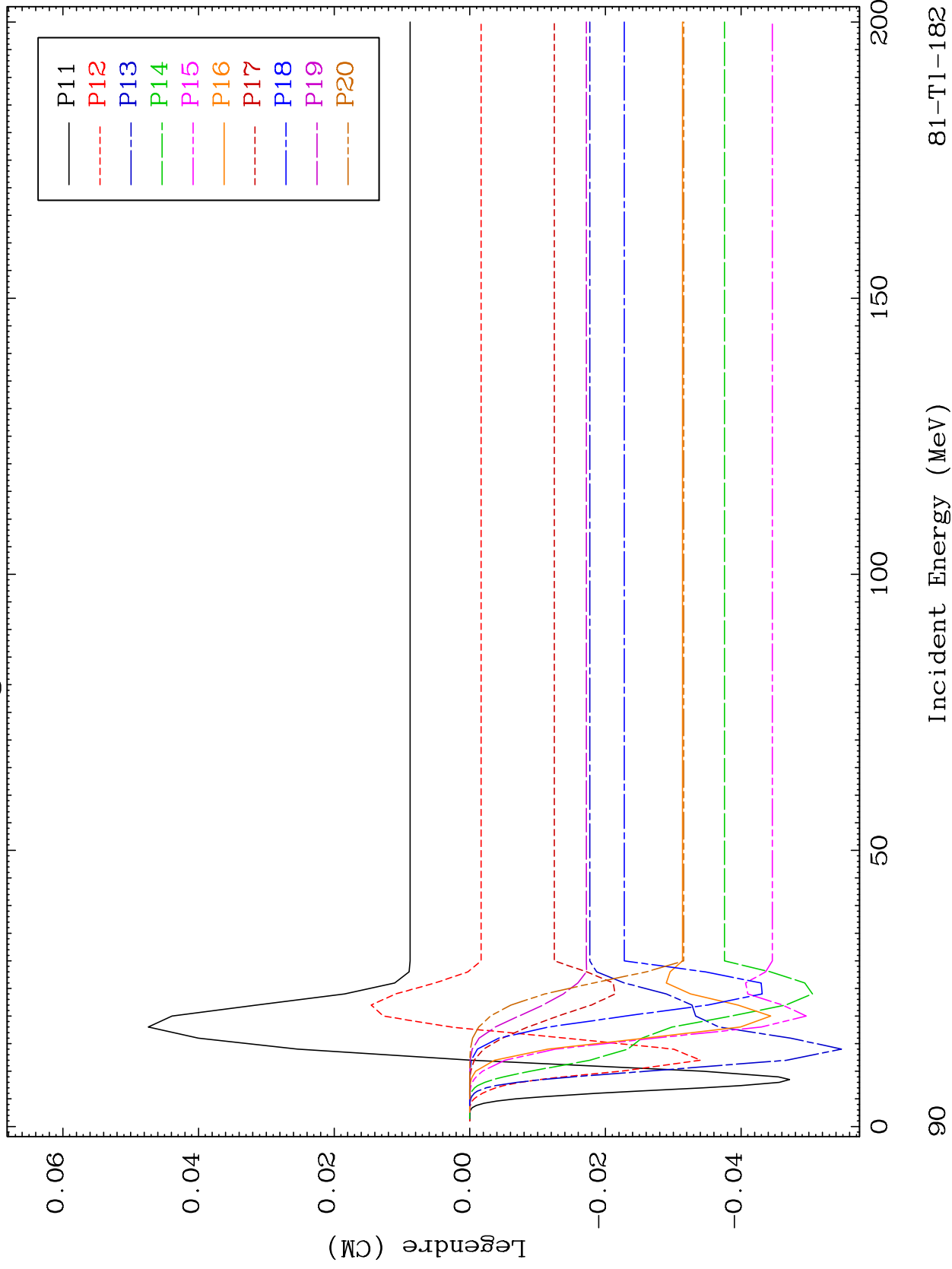
Incident Energy (MeV)

81-T1-182

MAT 8062

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

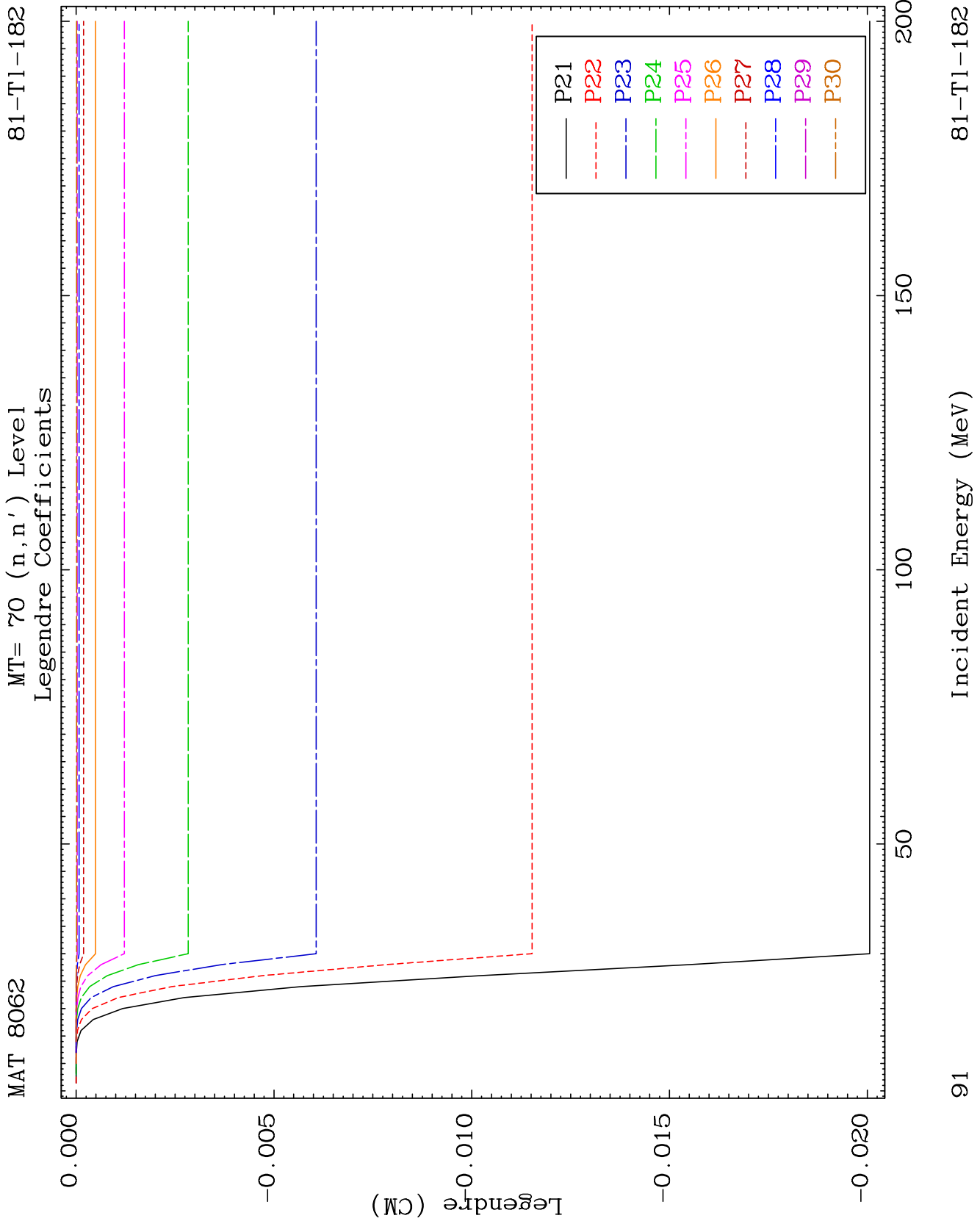
81-T1-182

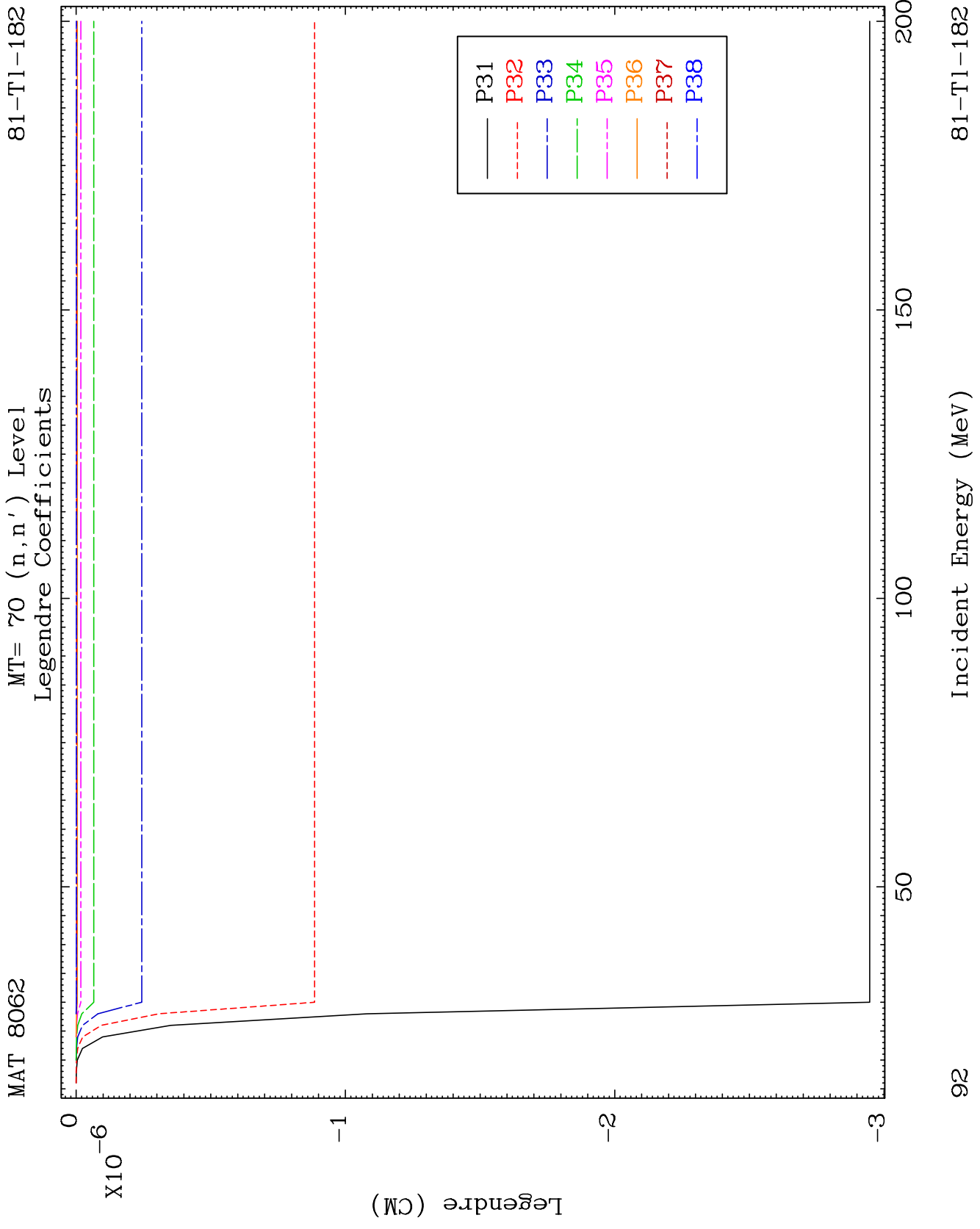


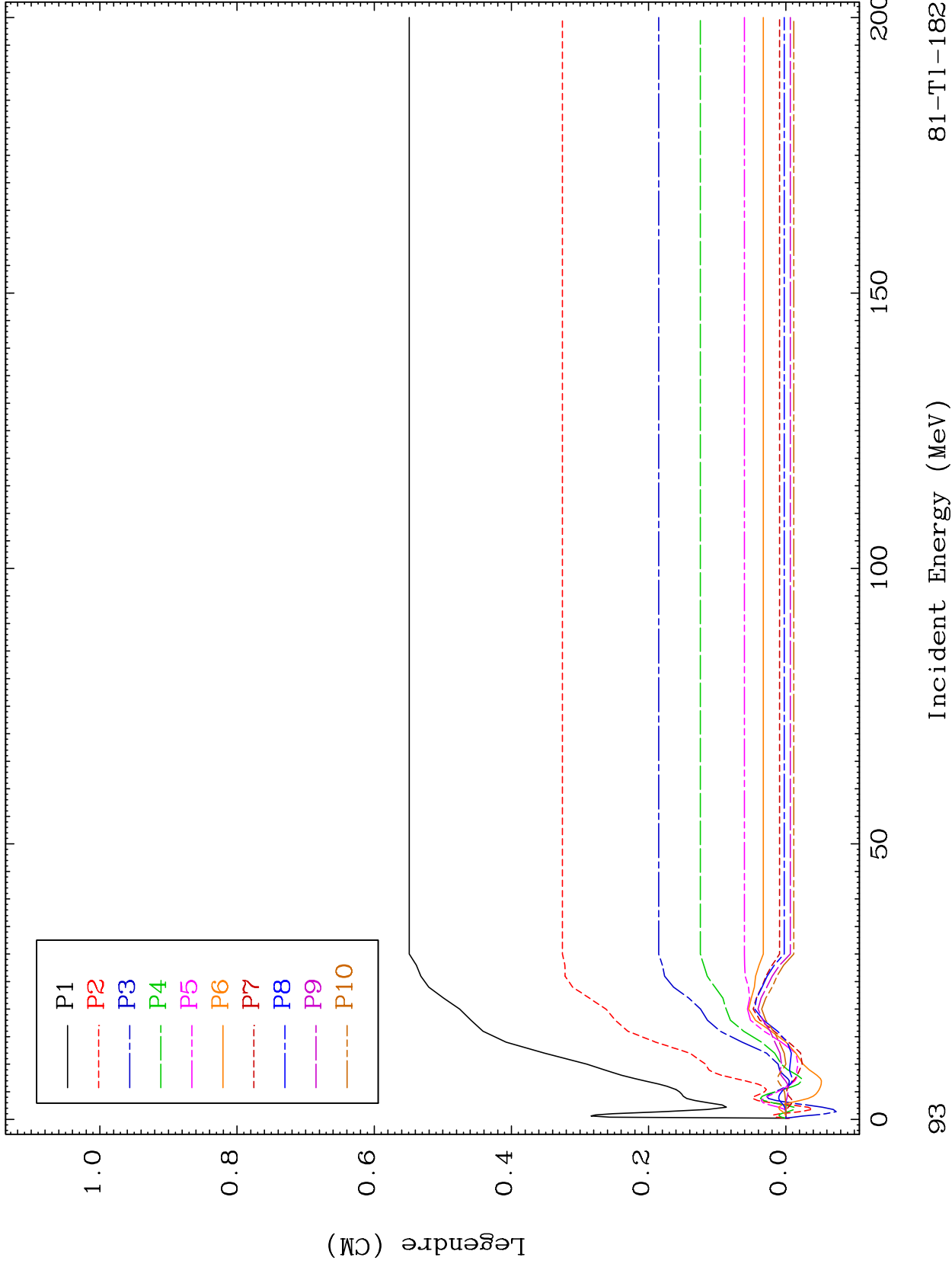
81-T1-182

Incident Energy (MeV)

90



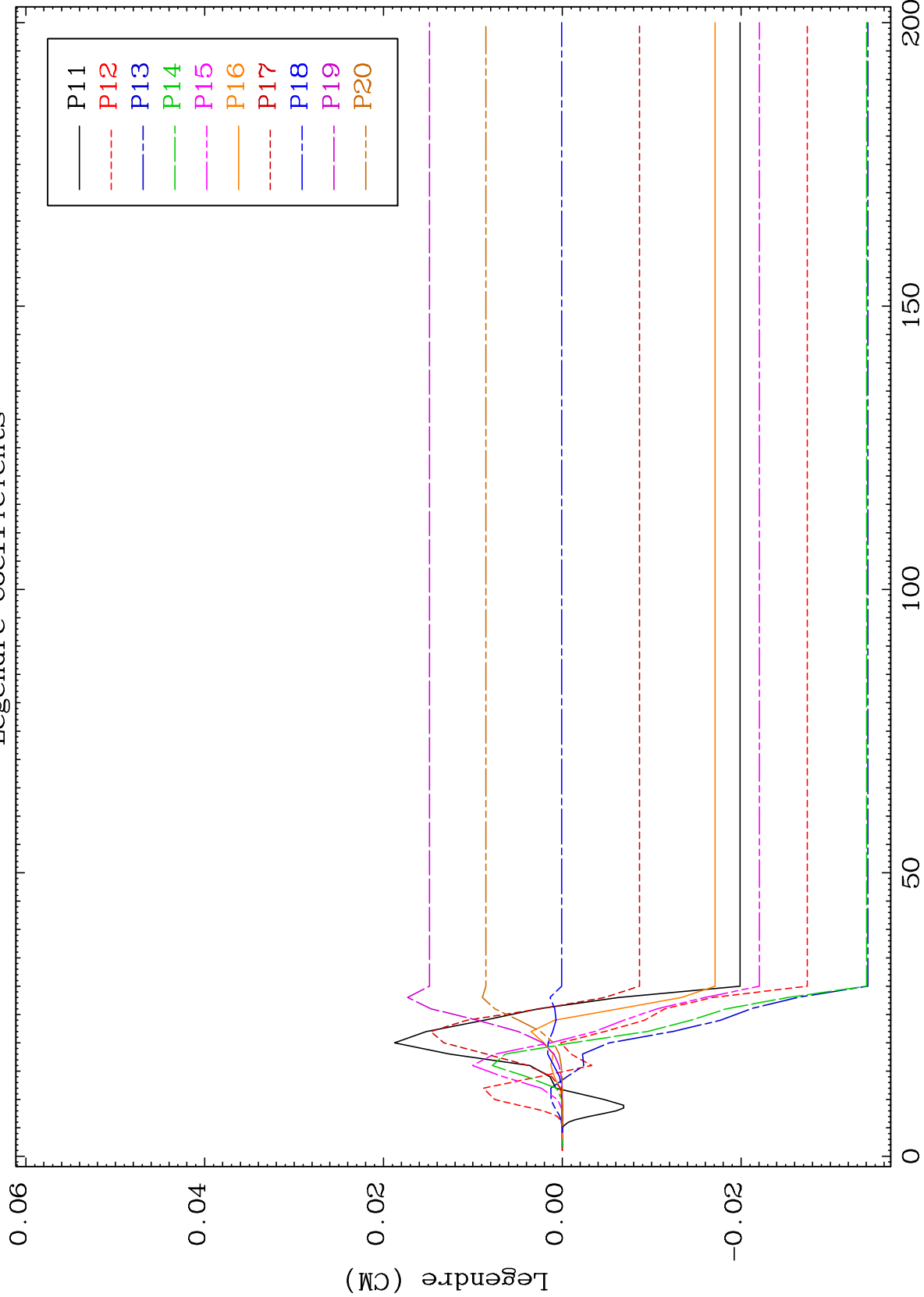




MAT 8062

MT= 71 (n,n') Level
Legendre Coefficients

81-T1-182



94

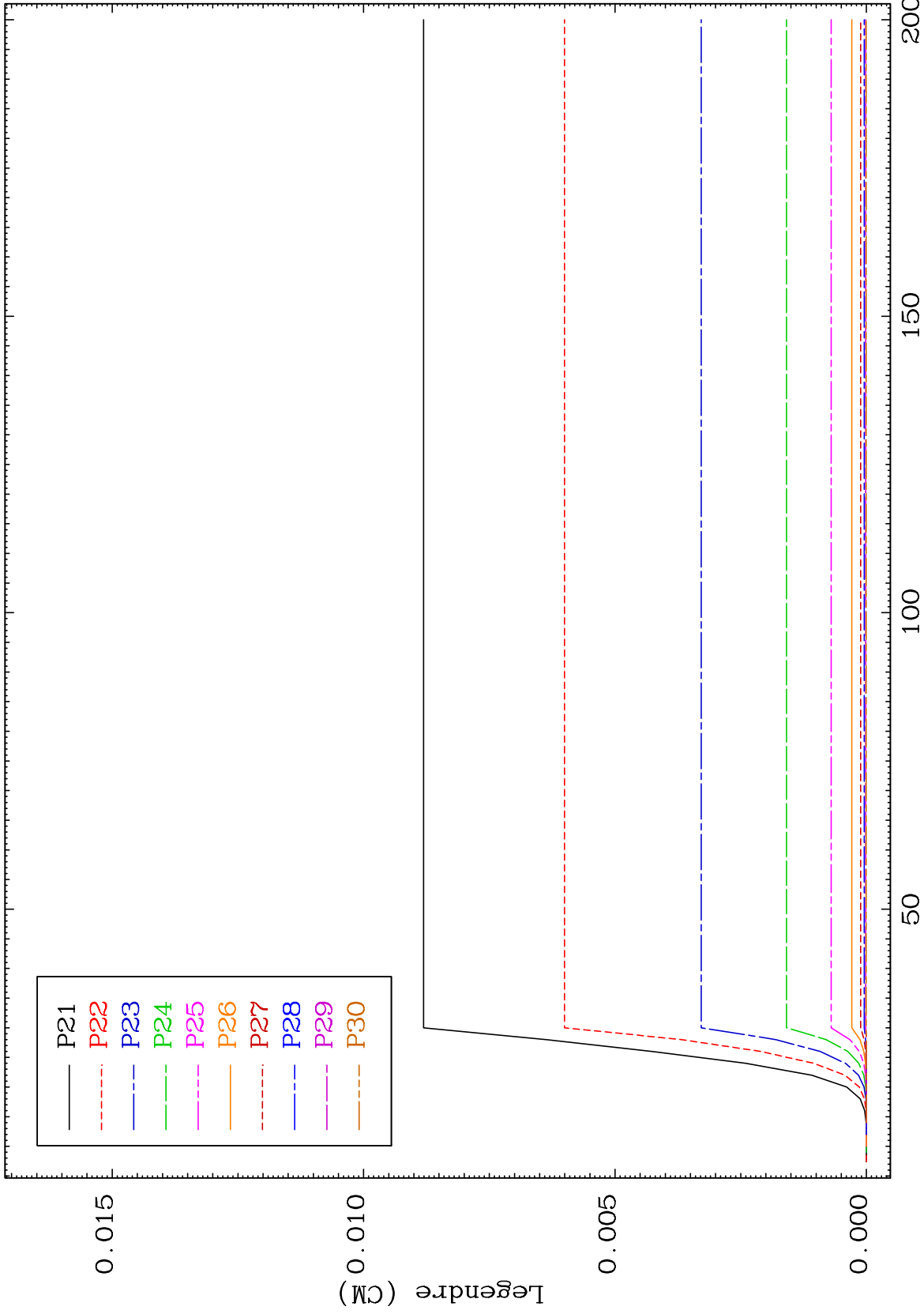
Incident Energy (MeV)

81-T1-182

MAT 8062

MT= 71 (n,n') Level
Legendre Coefficients

81-Tl-182



95

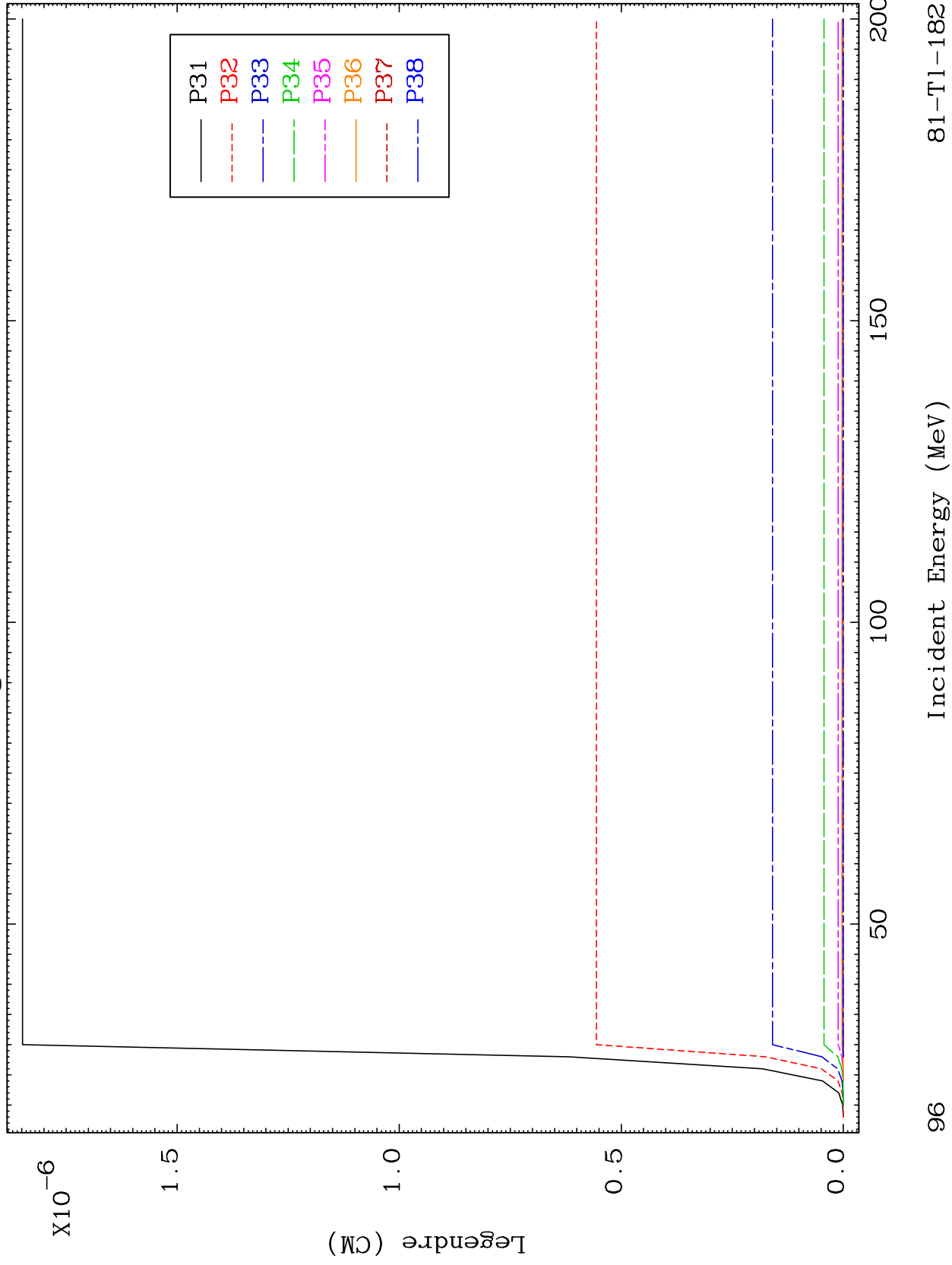
Incident Energy (MeV)

81-Tl-182

MAT 8062

MT= 71 (n,n') Level
Legendre Coefficients

81-T1-182

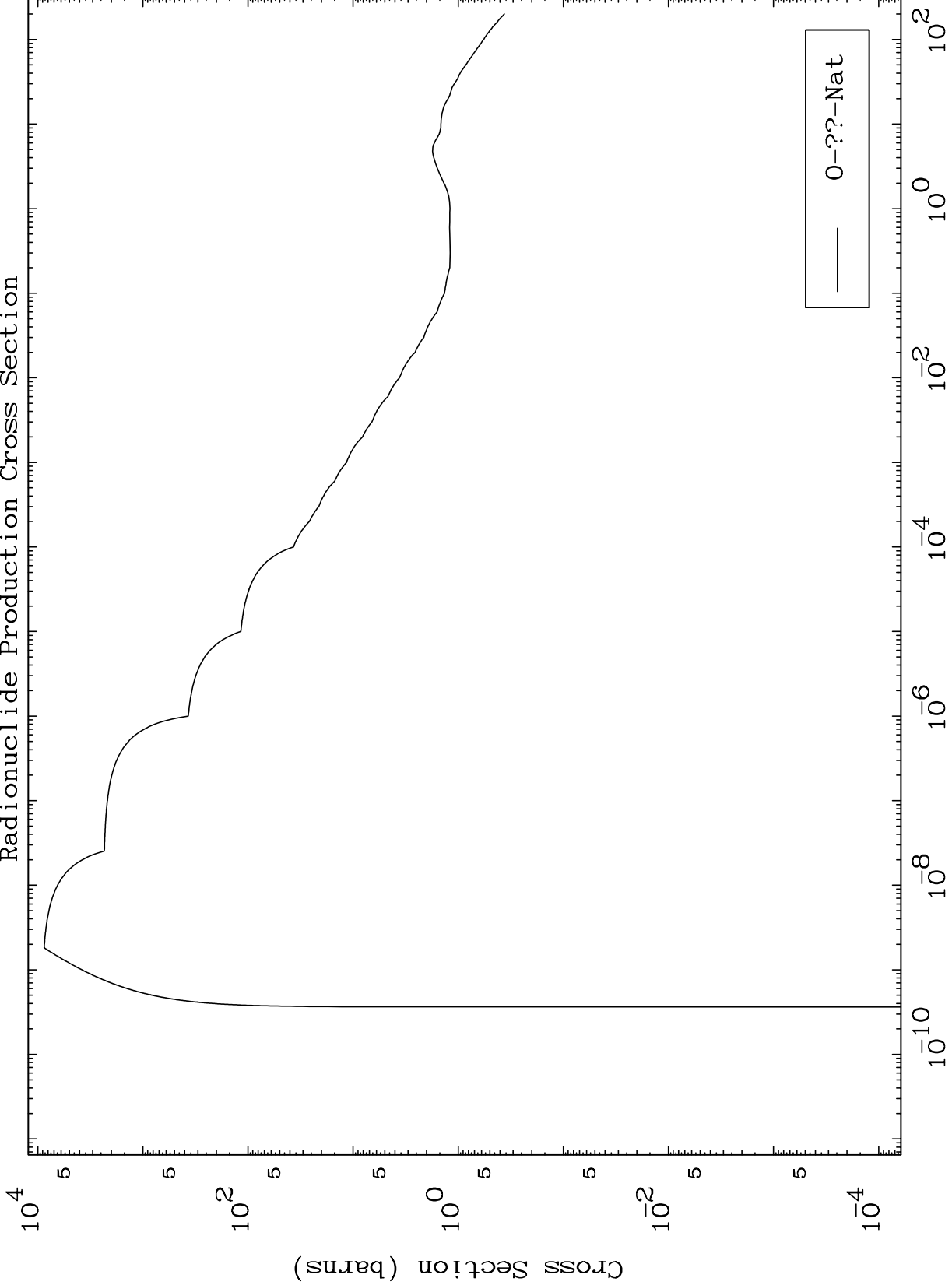


MAT 8062

Fission

81-Tl-182

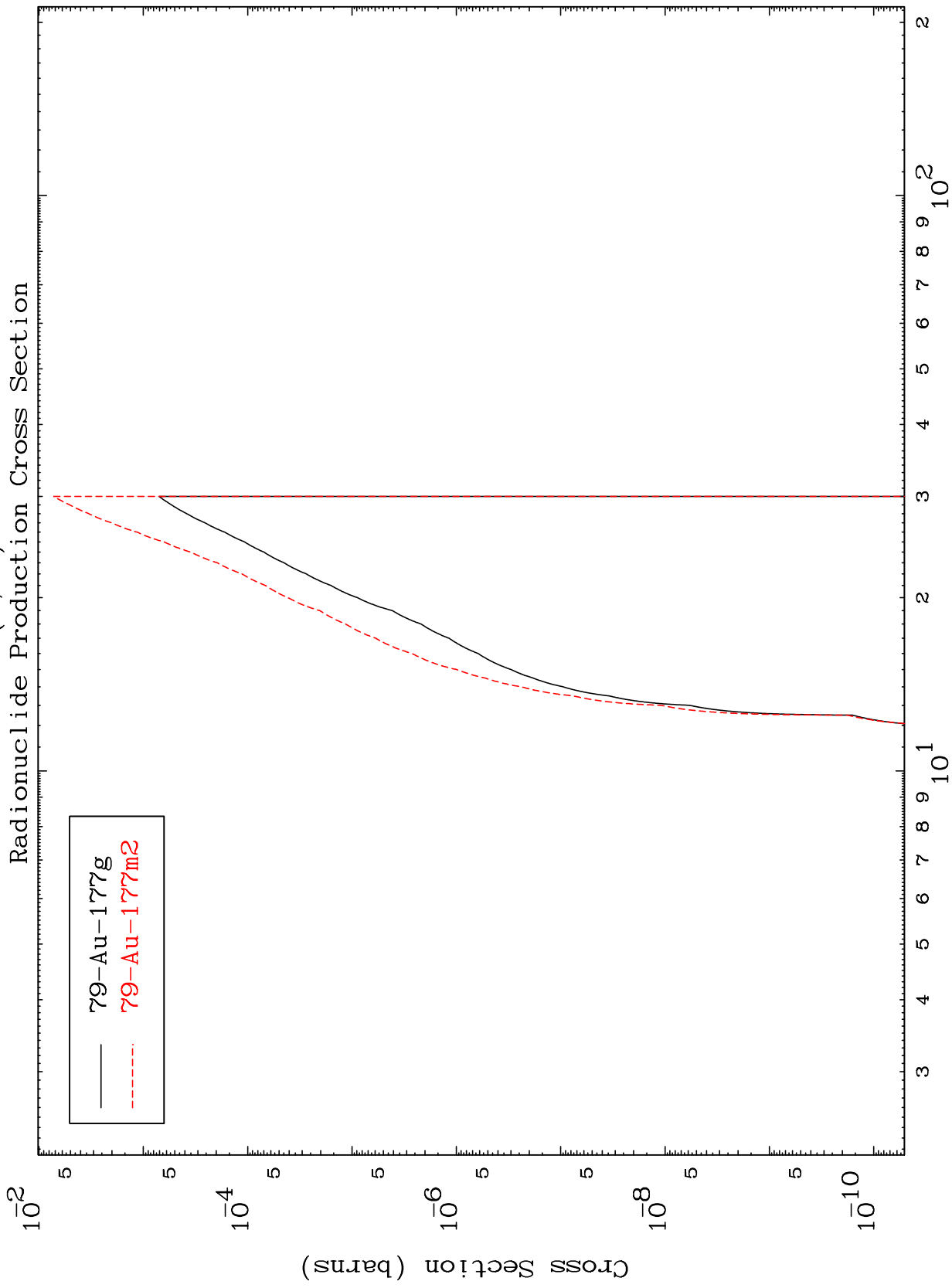
Radionuclide Production Cross Section



MAT 8062

(n,2n) α

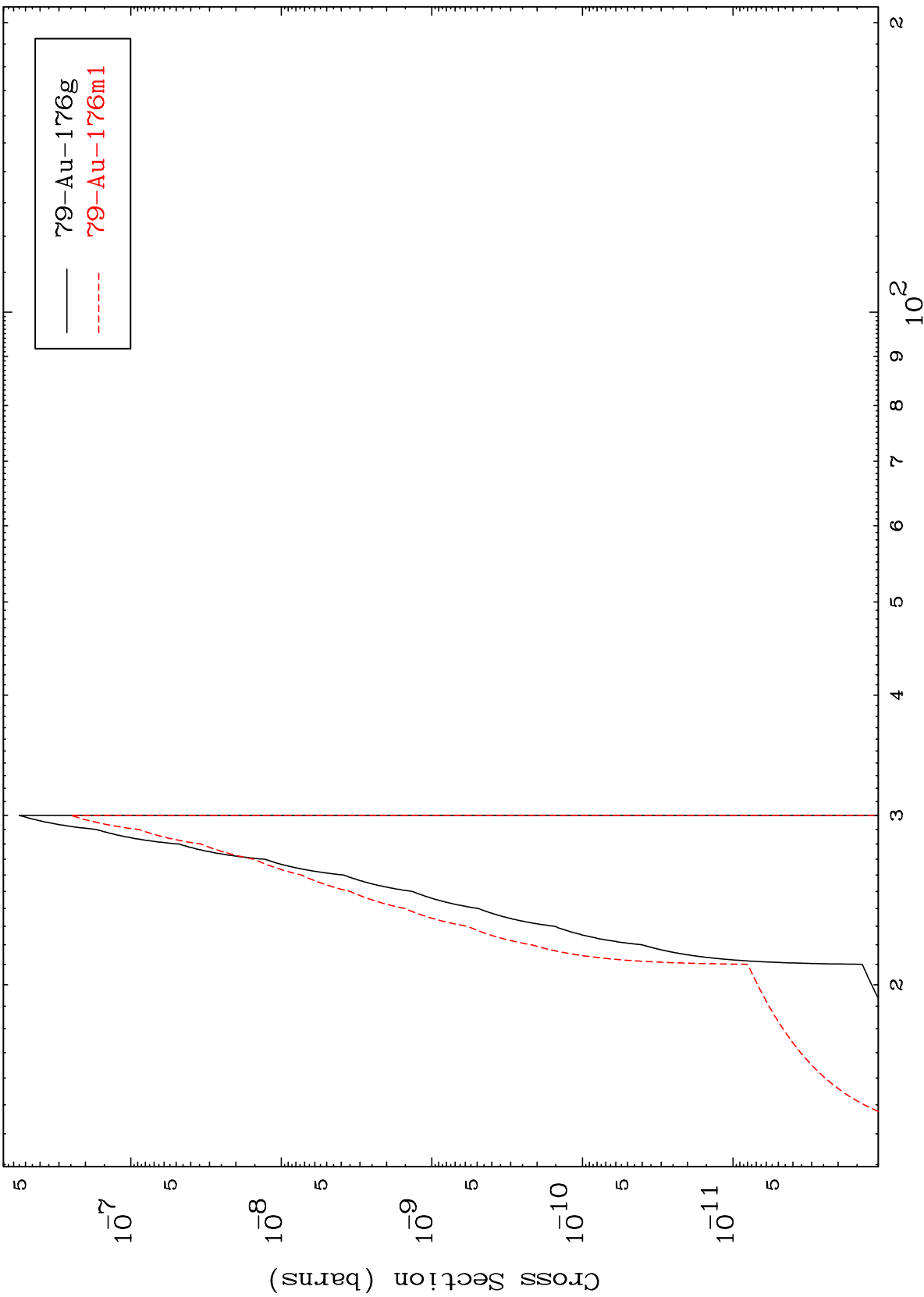
81-T1-182



98

81-T1-182

Radionuclide Production Cross Section

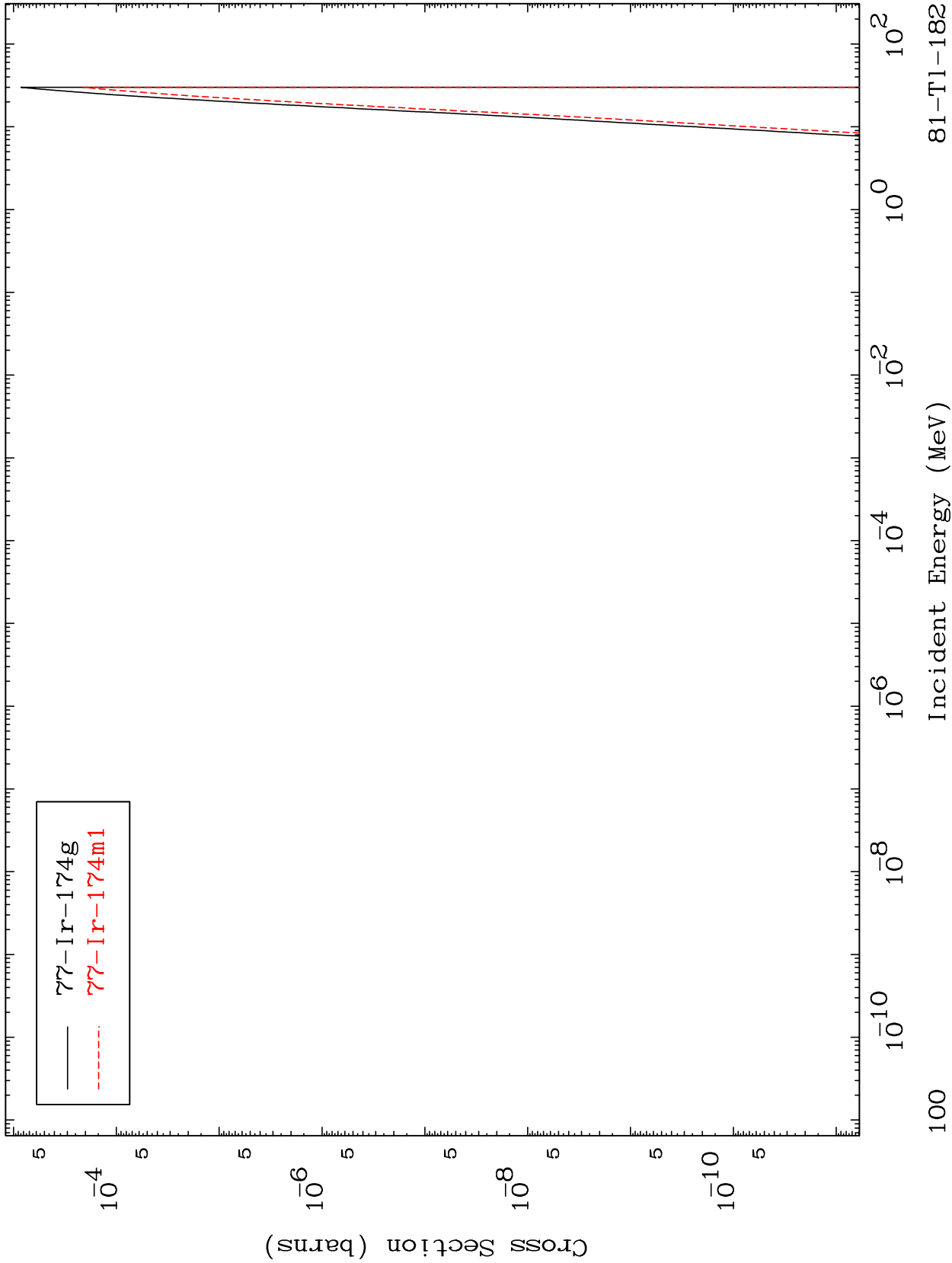


MAT 8062

(n,n') 2α

81-Tl-182

Radionuclide Production Cross Section

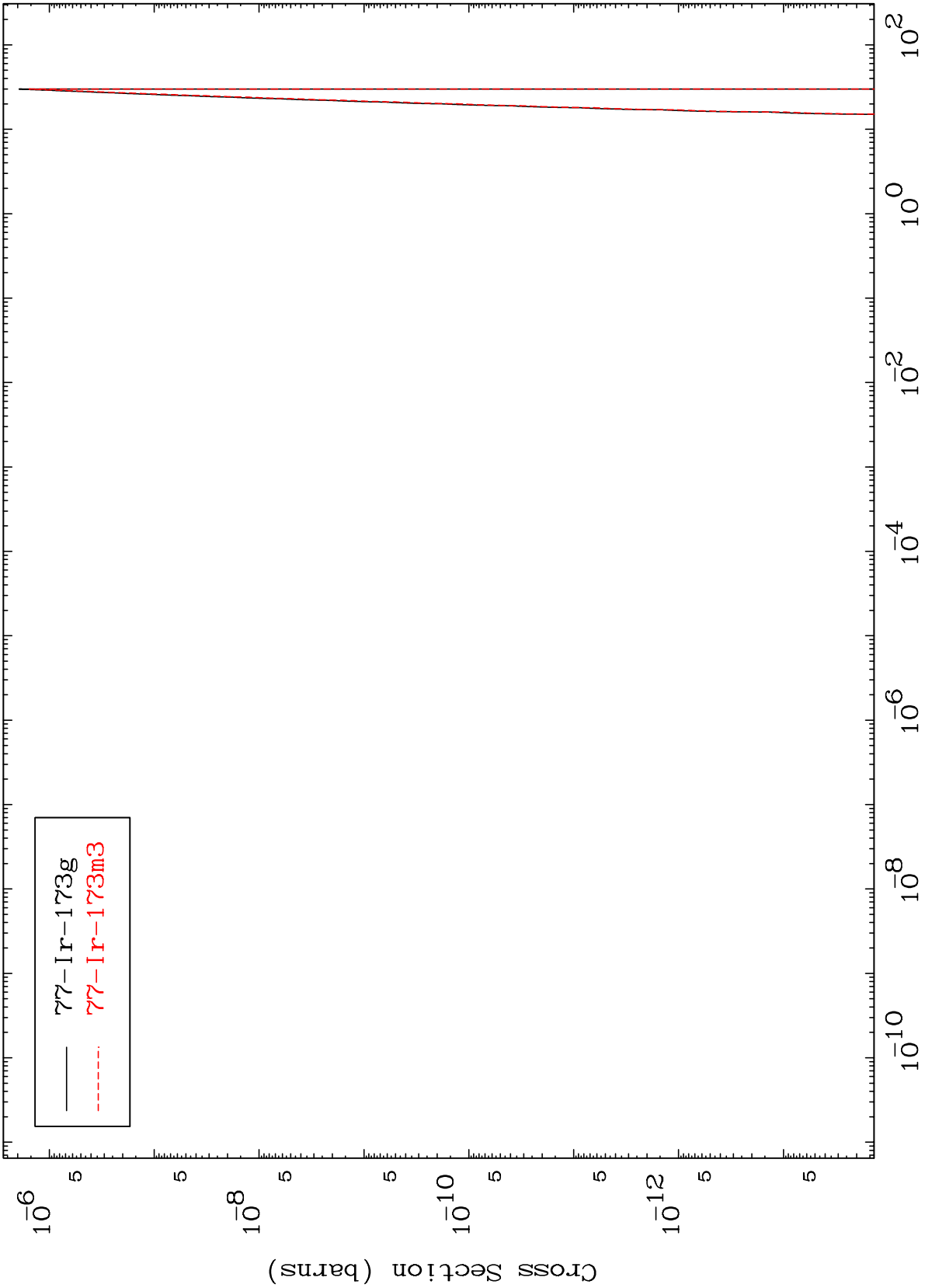


MAT 8062

(n,2n) 2α

81-Tl-182

Radionuclide Production Cross Section



101

Incident Energy (MeV)

81-Tl-182