

Program EVALPLOT
(Version 2018-1)

by

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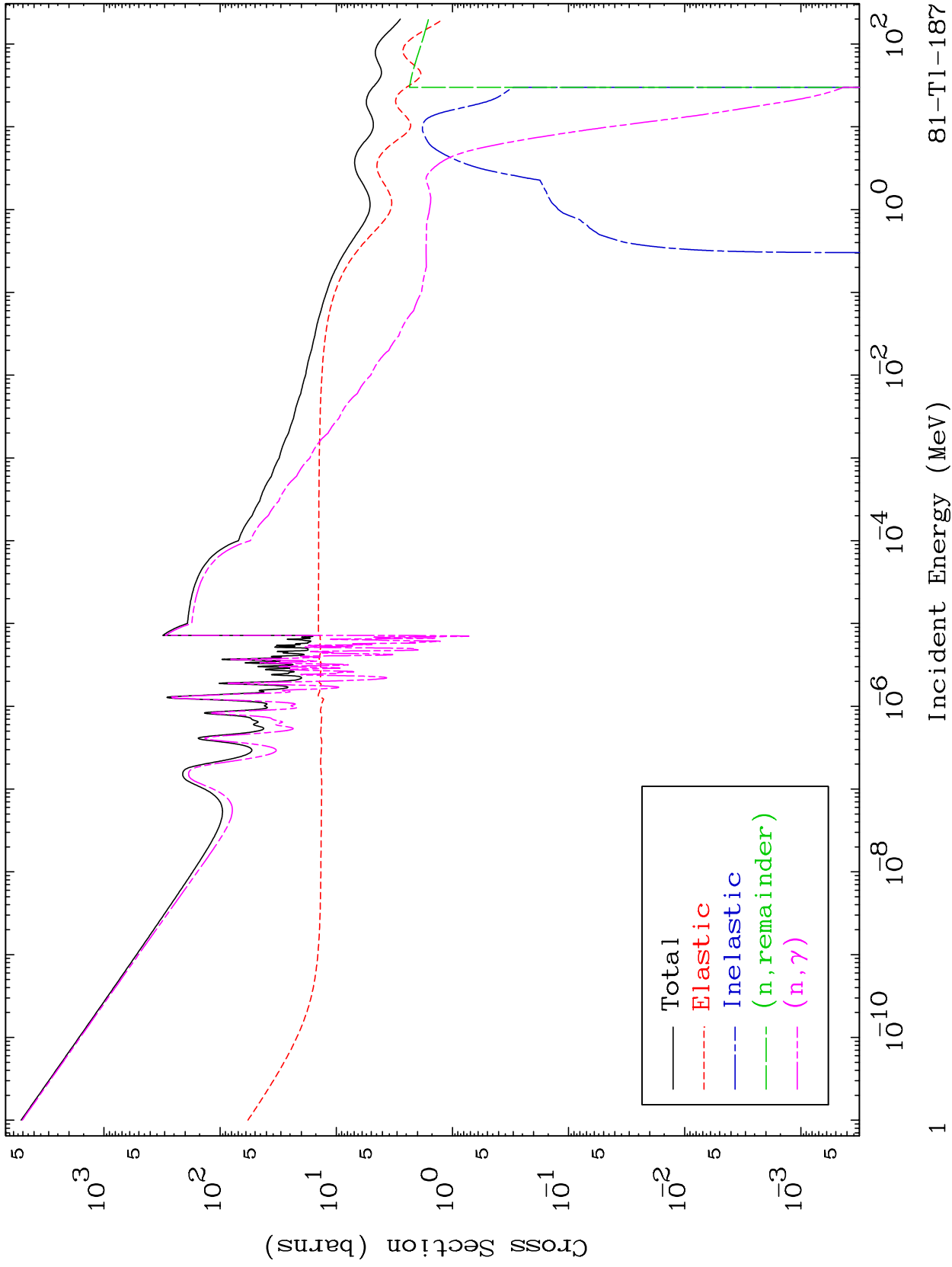
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 80777

Major
293 Kelvin Cross Sections

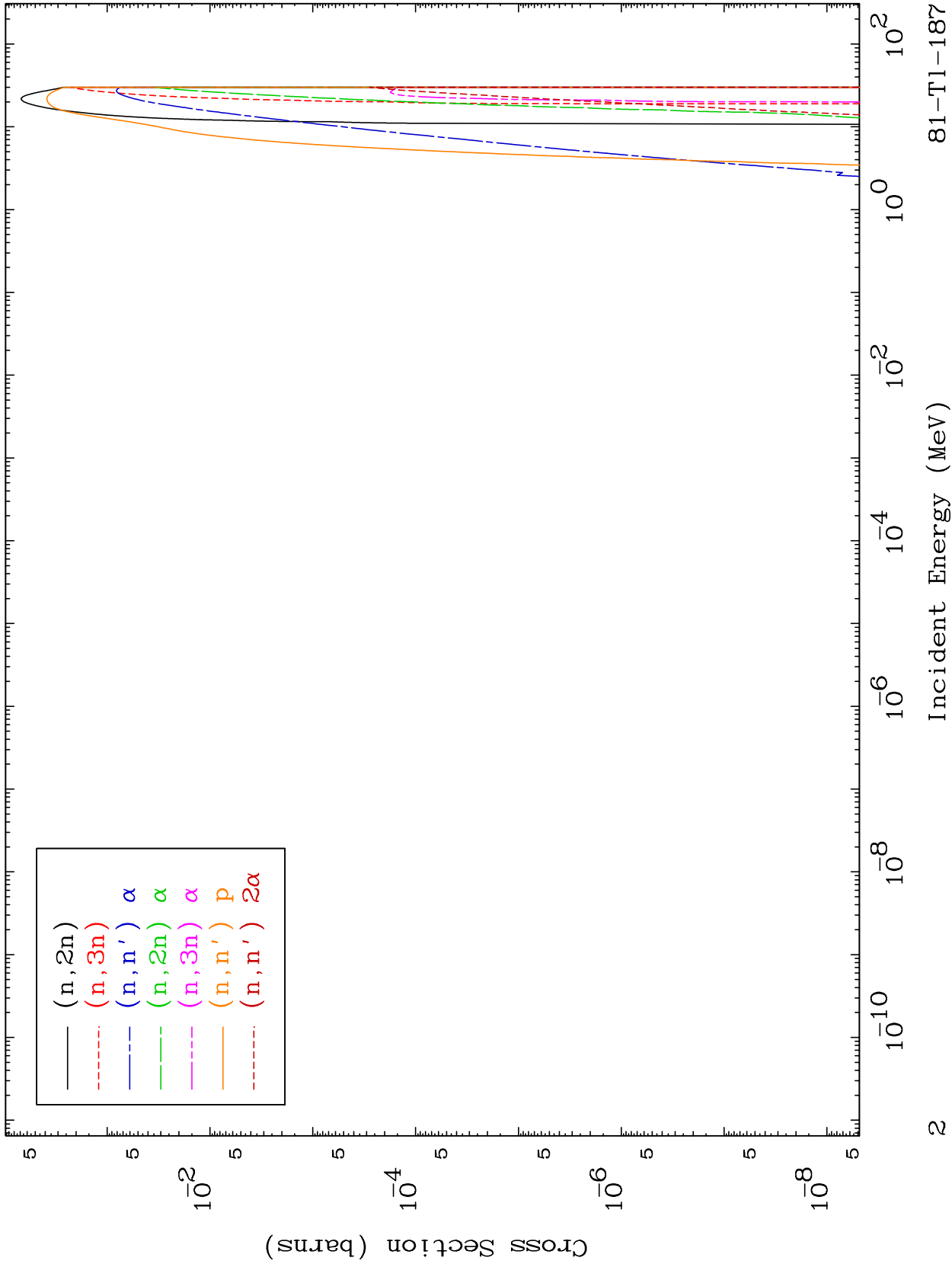
81-Tl-187



MAT 8077

Neutron Production
293 Kelvin Cross Sections

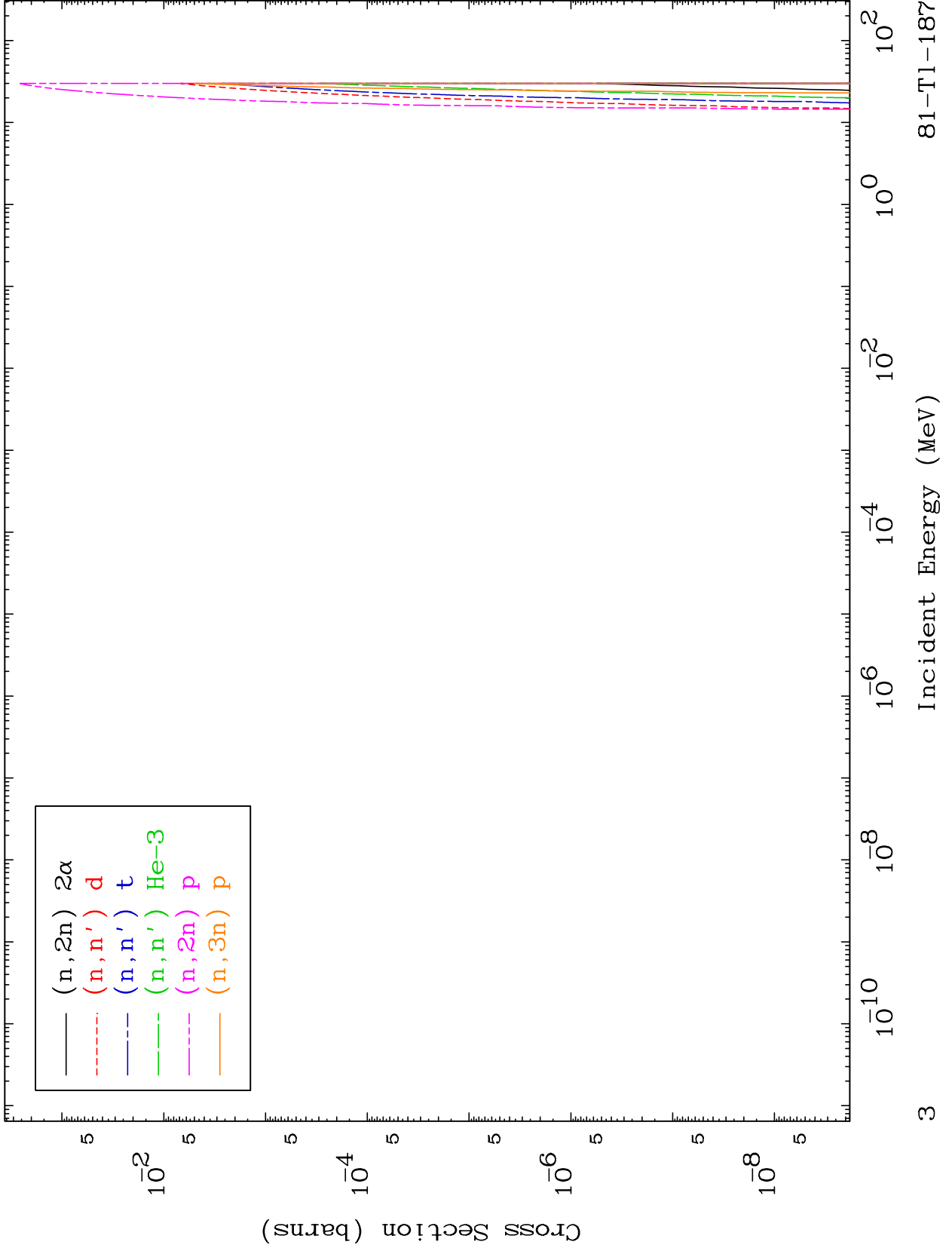
81-Tl-187



MAT 8077

Neutron Production
293 Kelvin Cross Sections

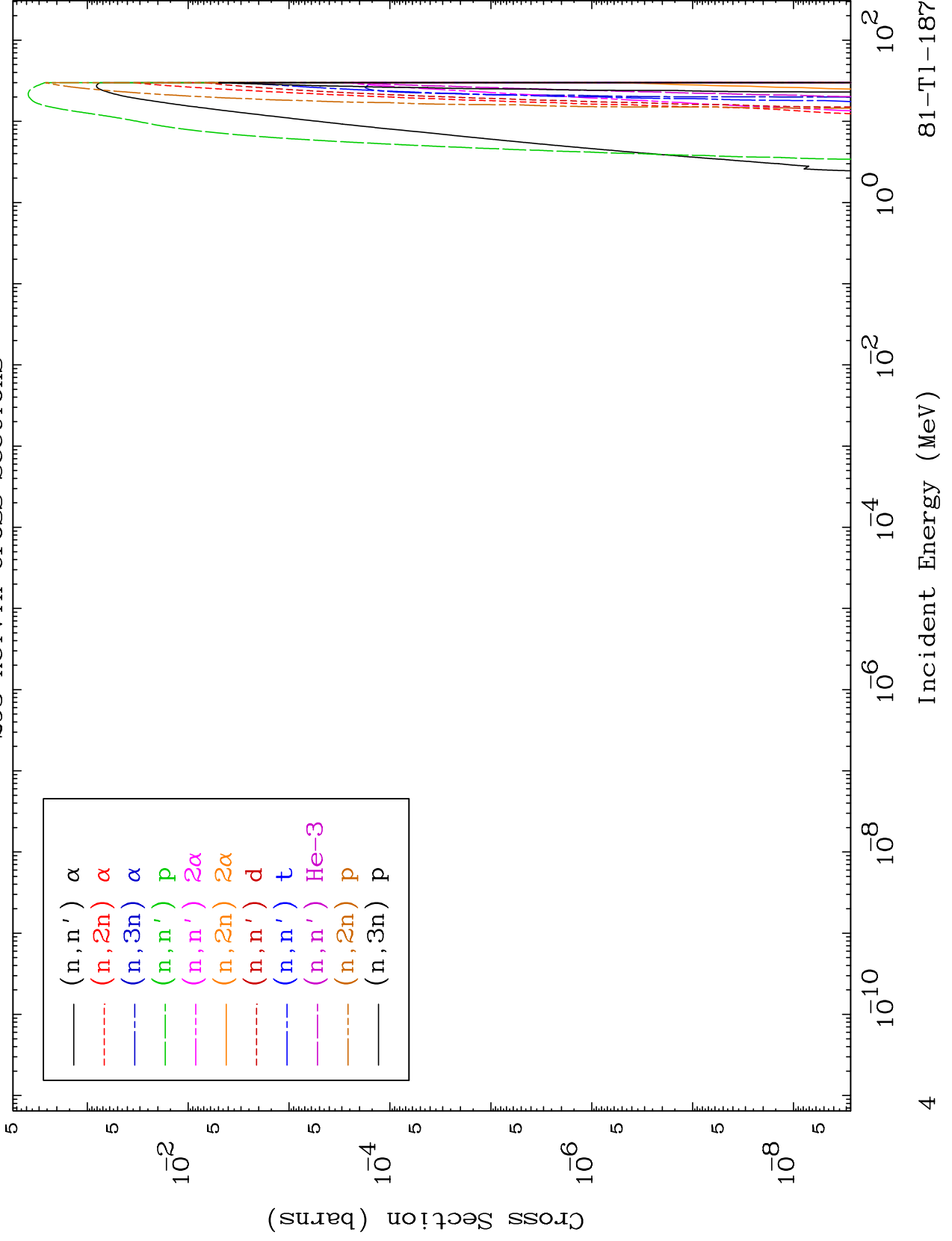
81-Tl-187



MAT 8077

Charged Particle
293 Kelvin Cross Sections

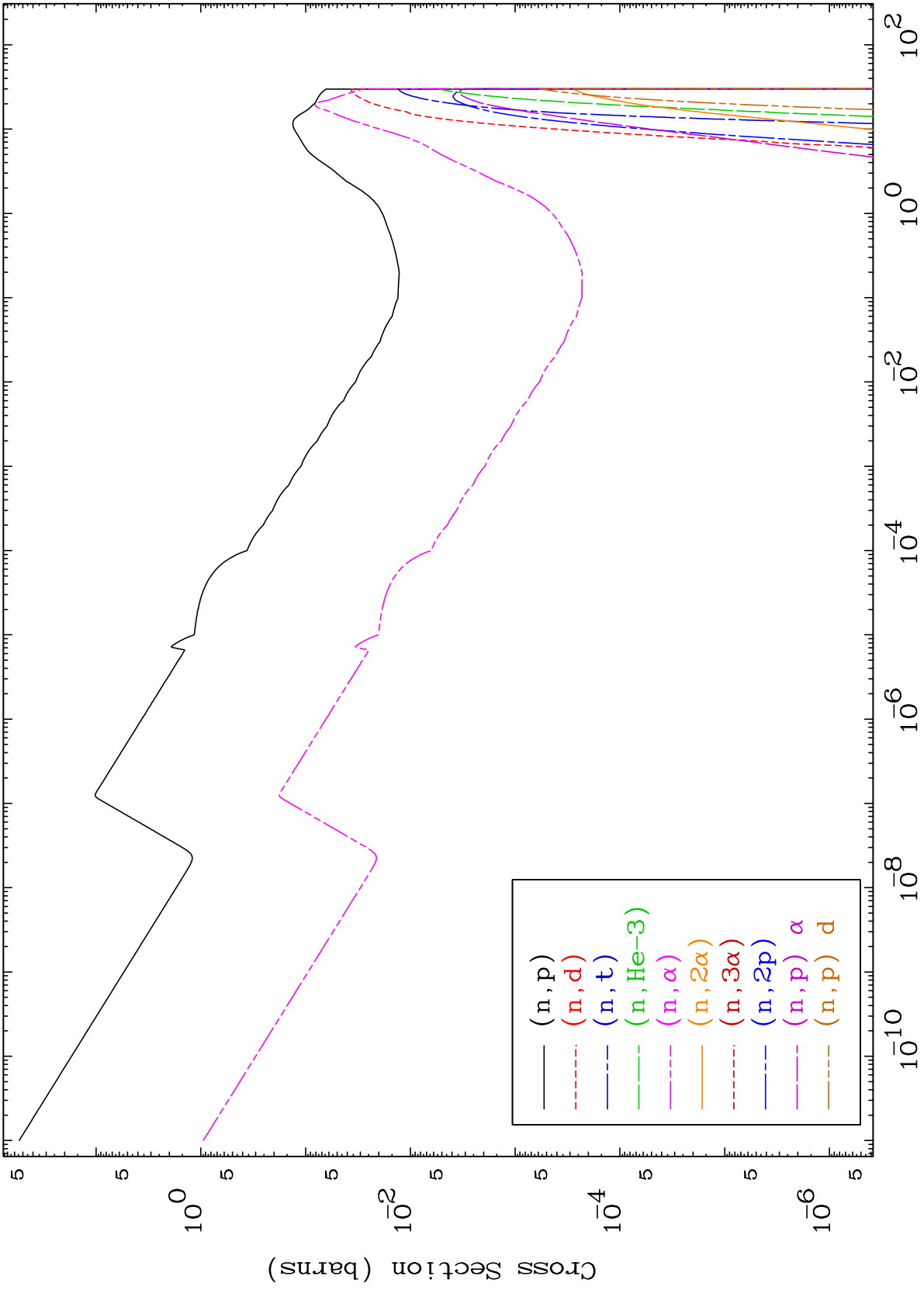
81-Tl-187

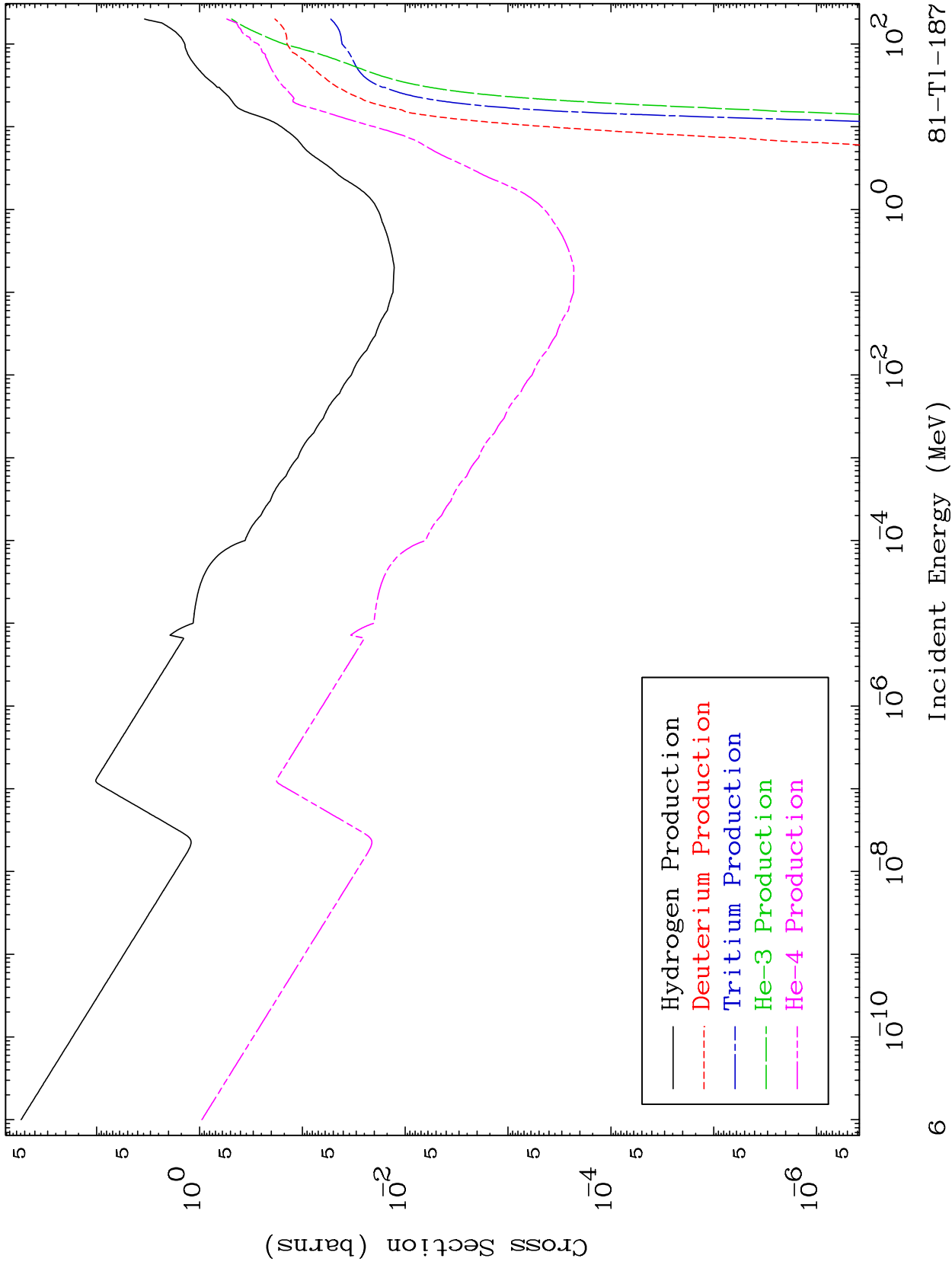


MAT 80777

Charged Particle
293 Kelvin Cross Sections

81-Tl-187



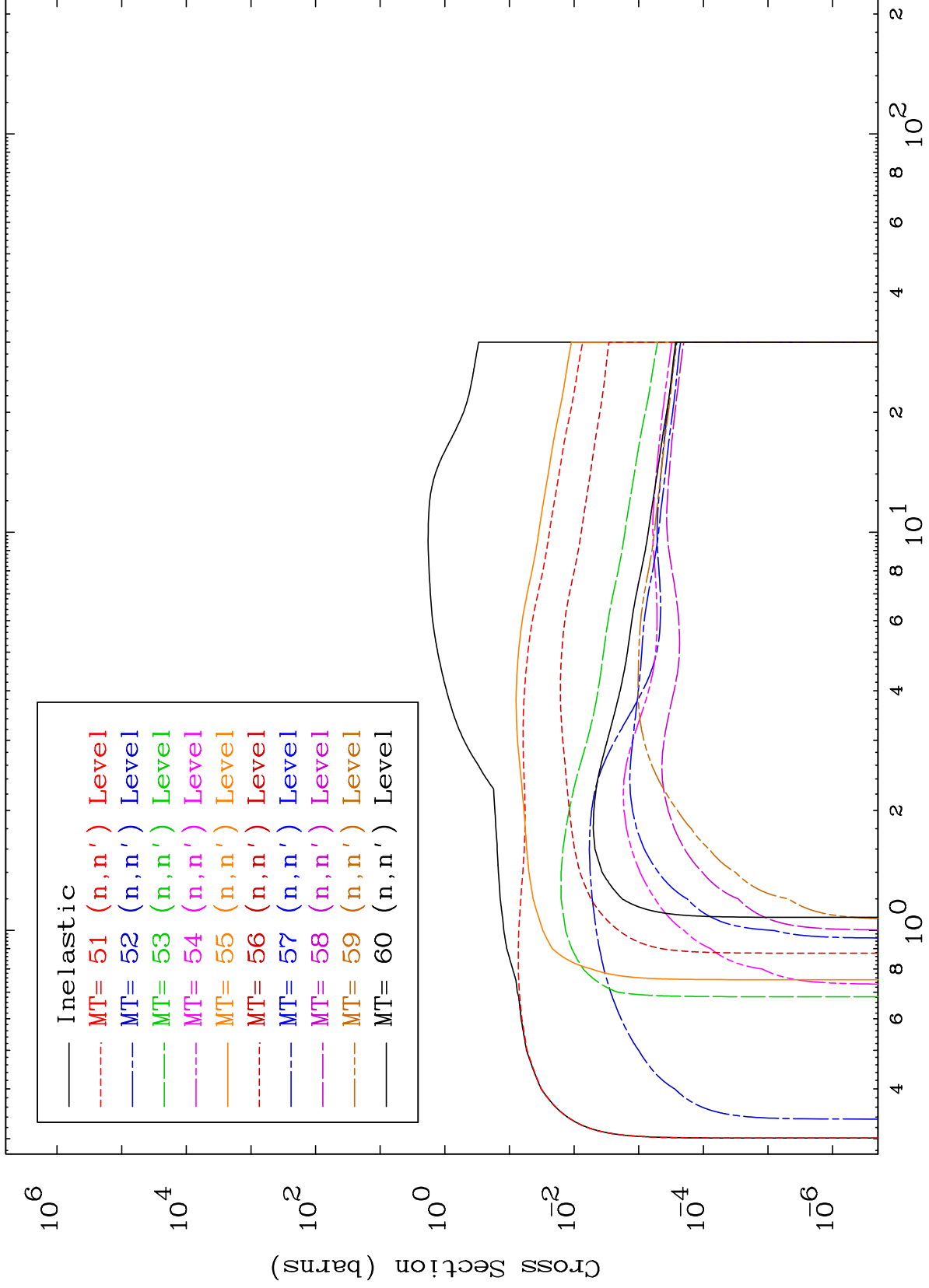


MAT 80777

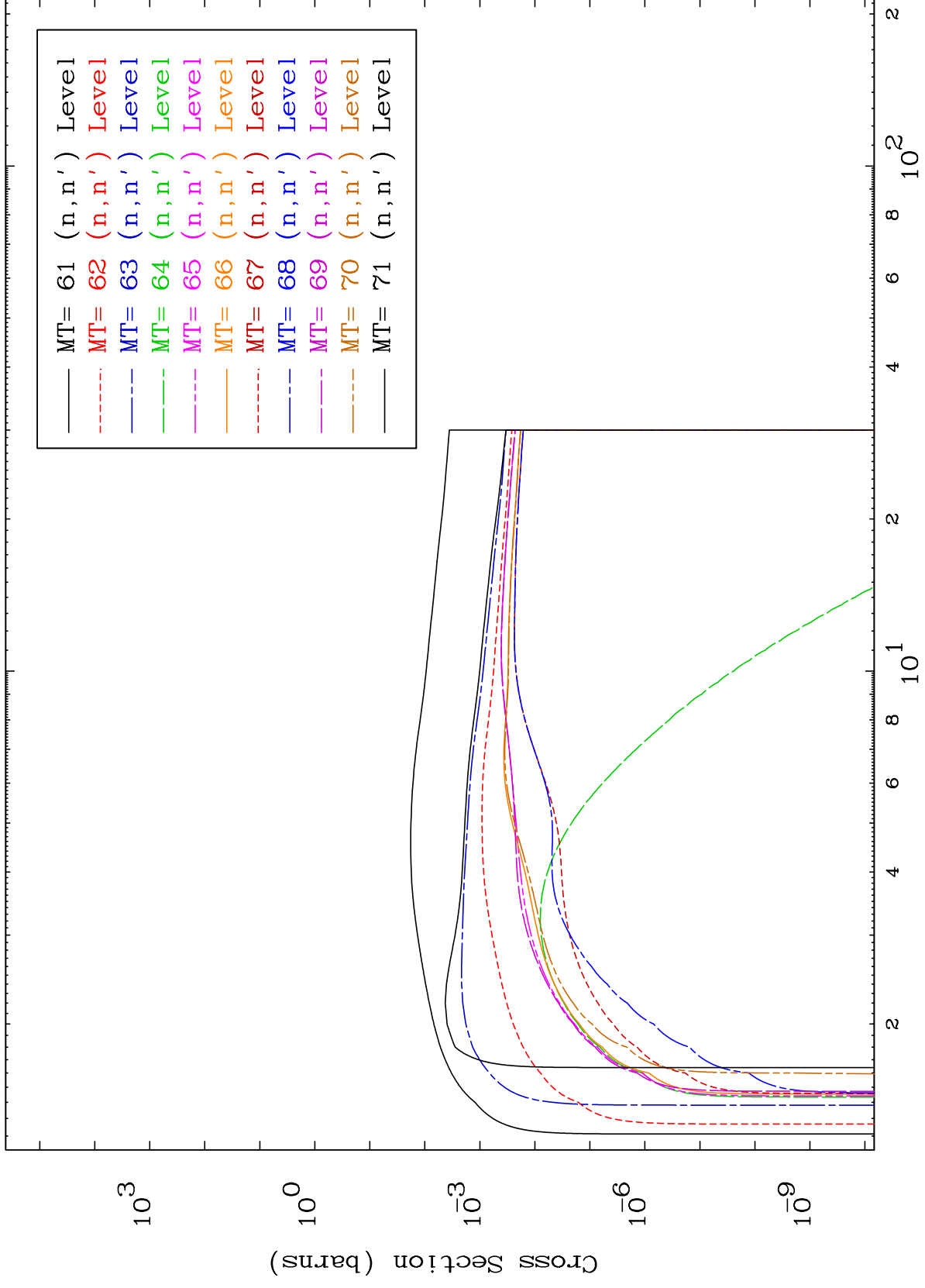
(n,n') Level

81-Tl-187

293 Kelvin Cross Sections



293 Kelvin Cross Sections

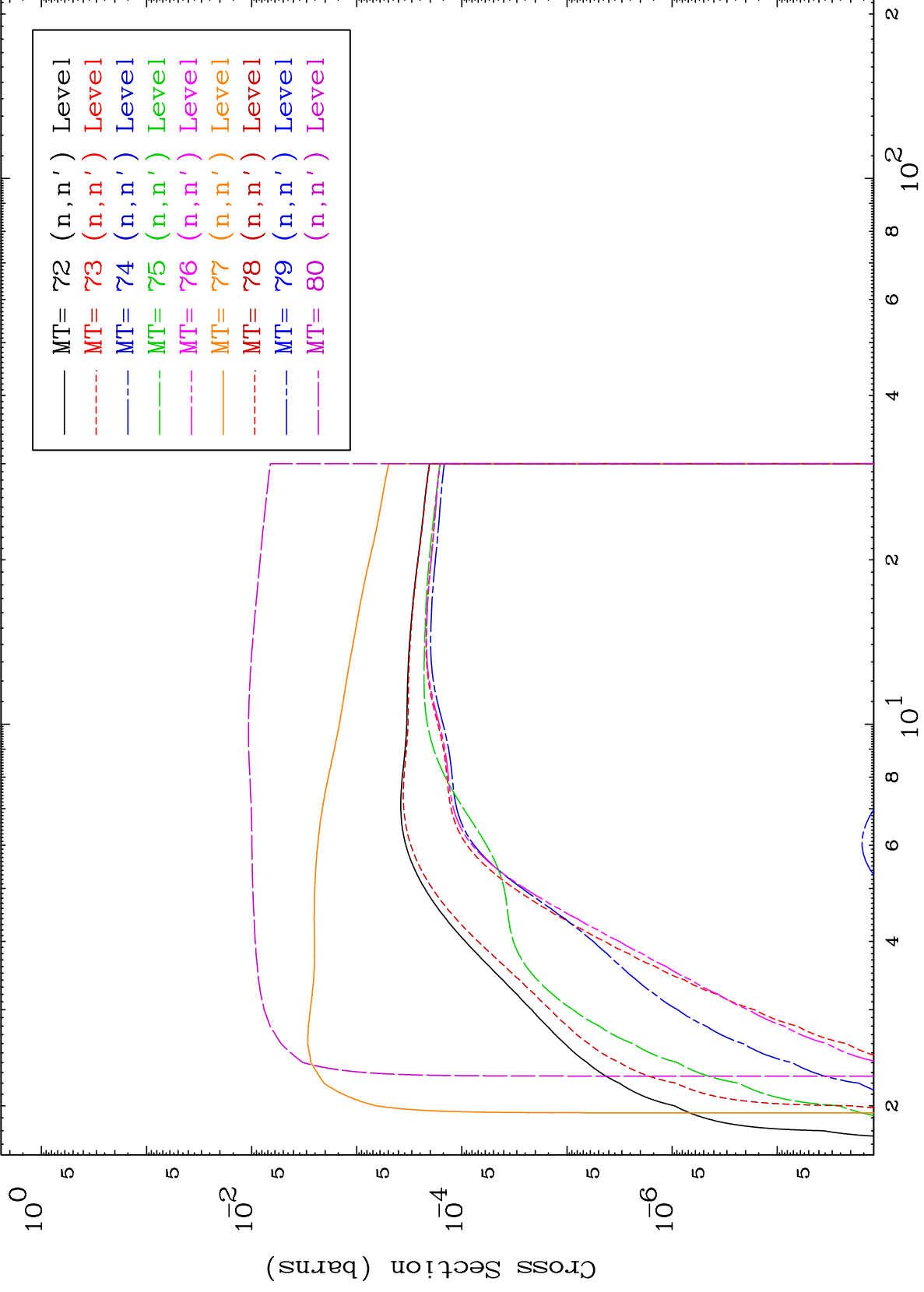


MAT 8077

(n,n') Level

293 Kelvin Cross Sections

81-Tl-187



9

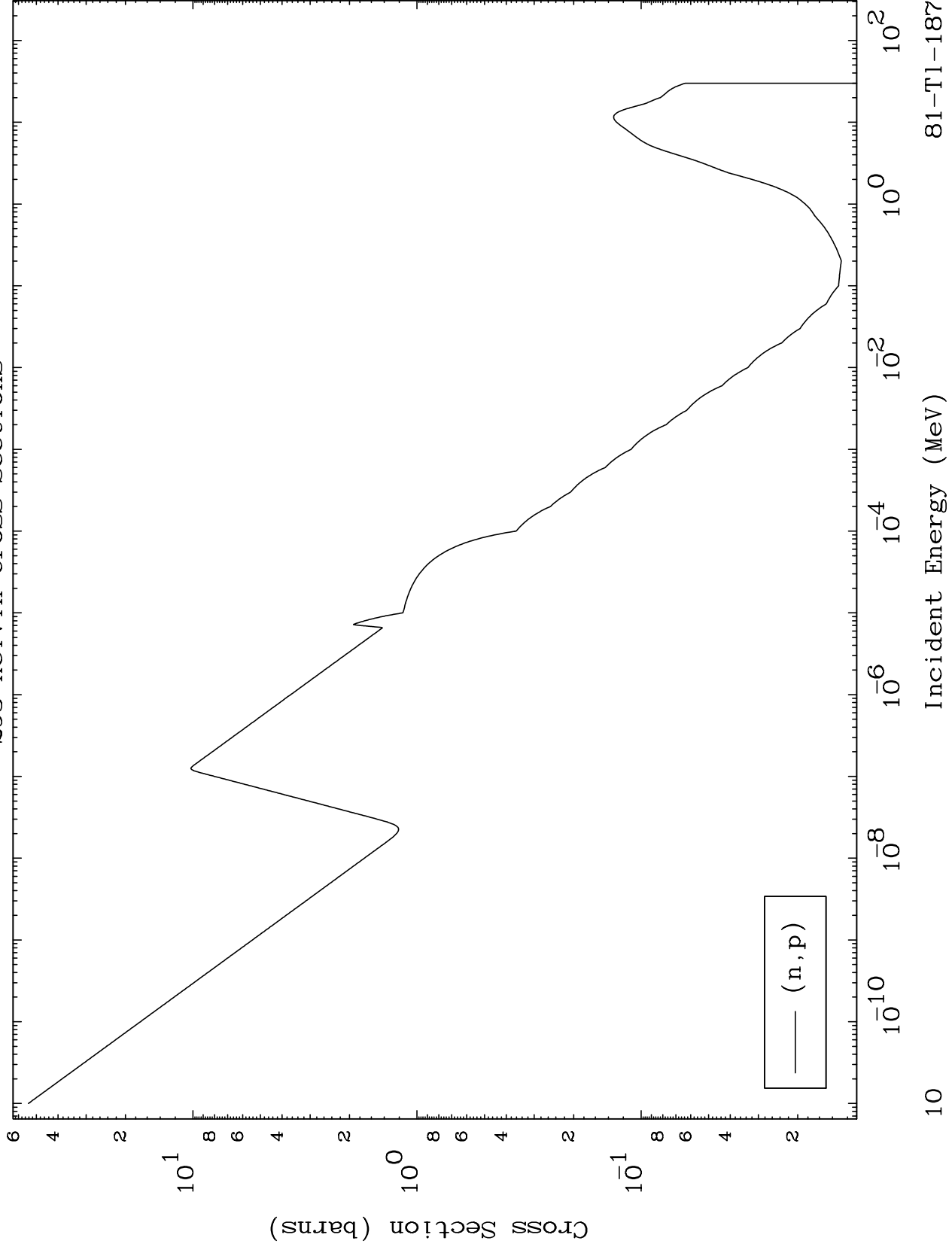
Incident Energy (MeV)

81-Tl-187

MAT 80777

(n,p) Levels
293 Kelvin Cross Sections

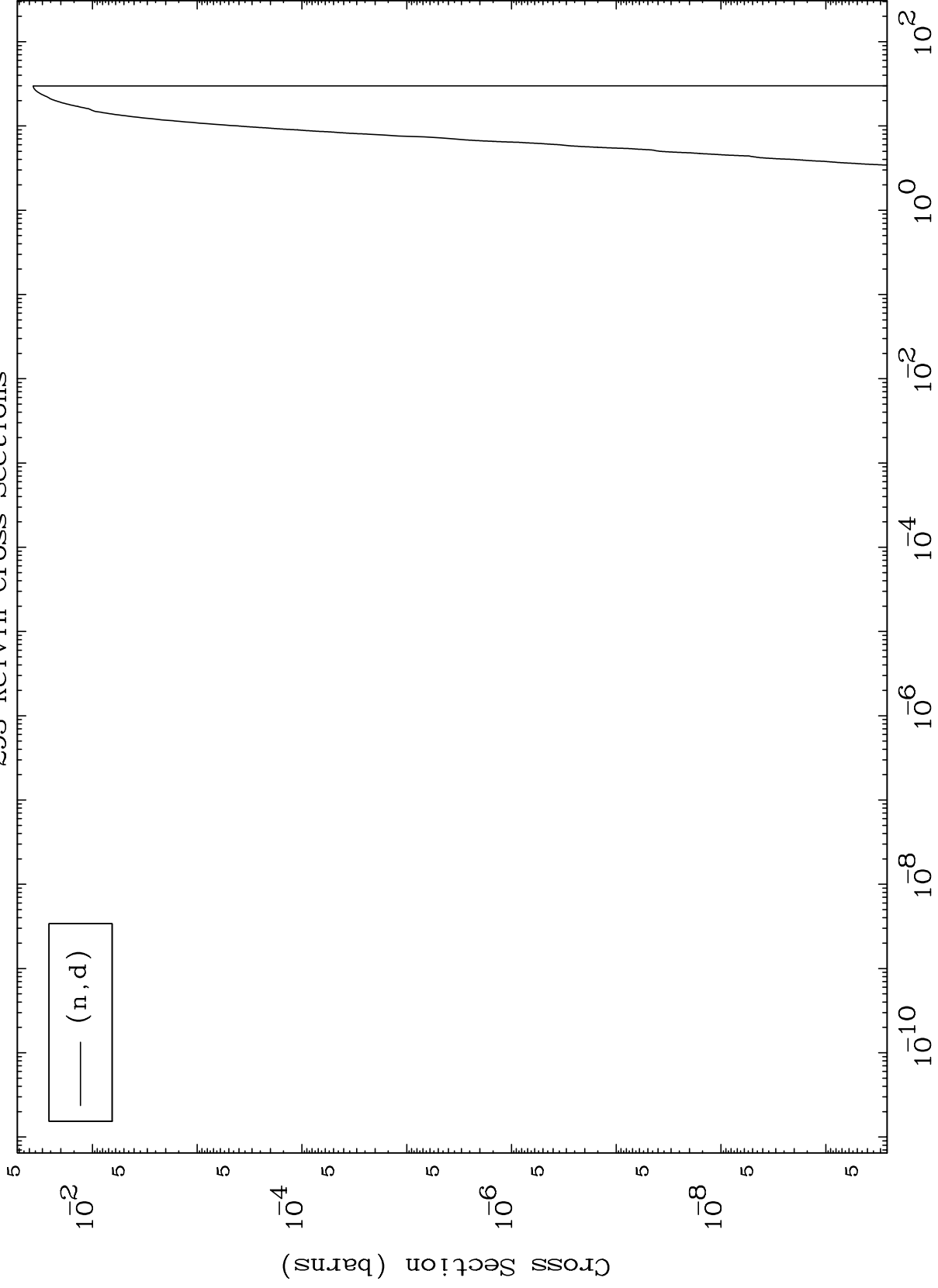
81-Tl-187



MAT 80777

(n,d) Levels
293 Kelvin Cross Sections

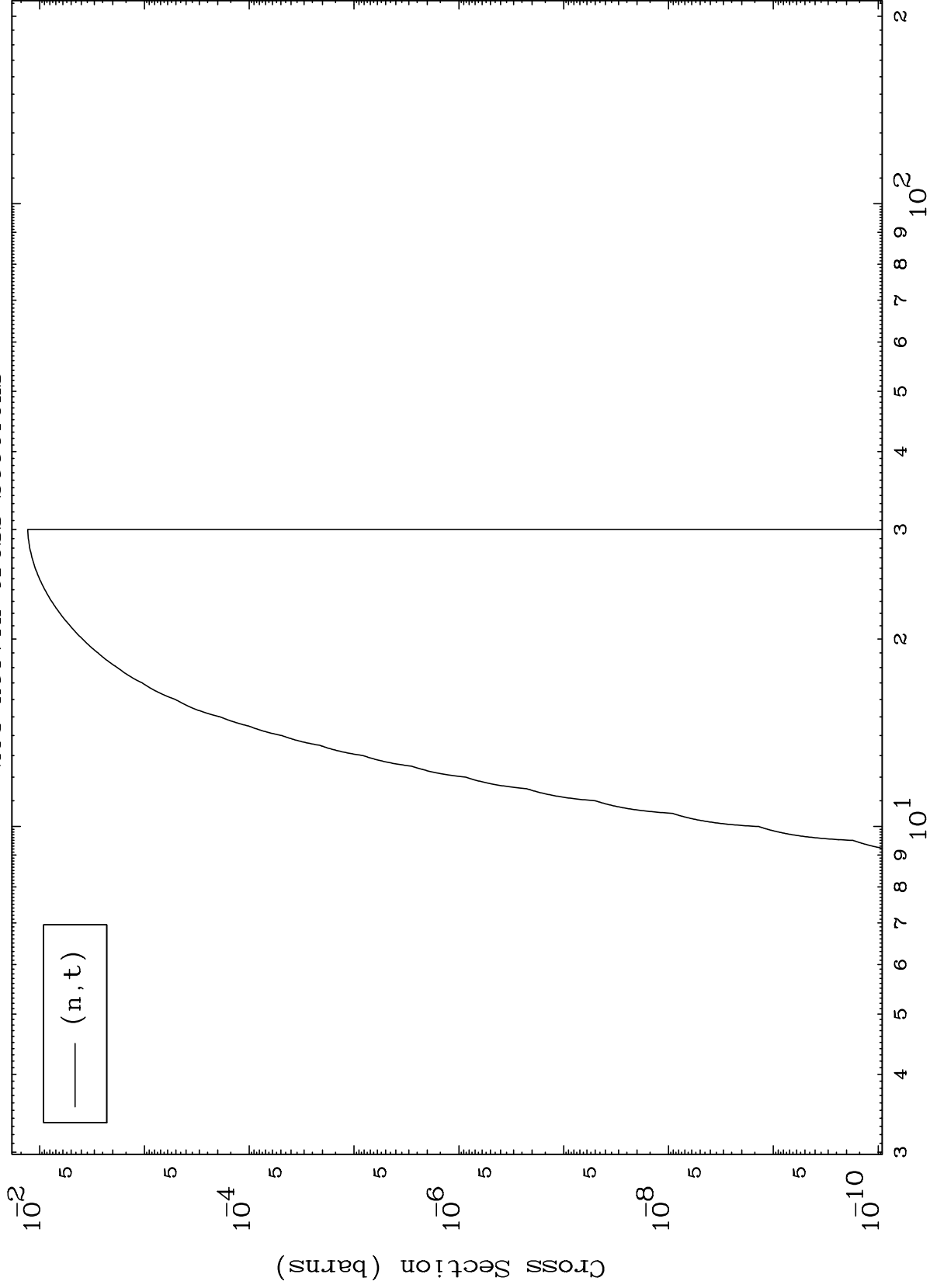
81-Tl-187



MAT 80777

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-187



12

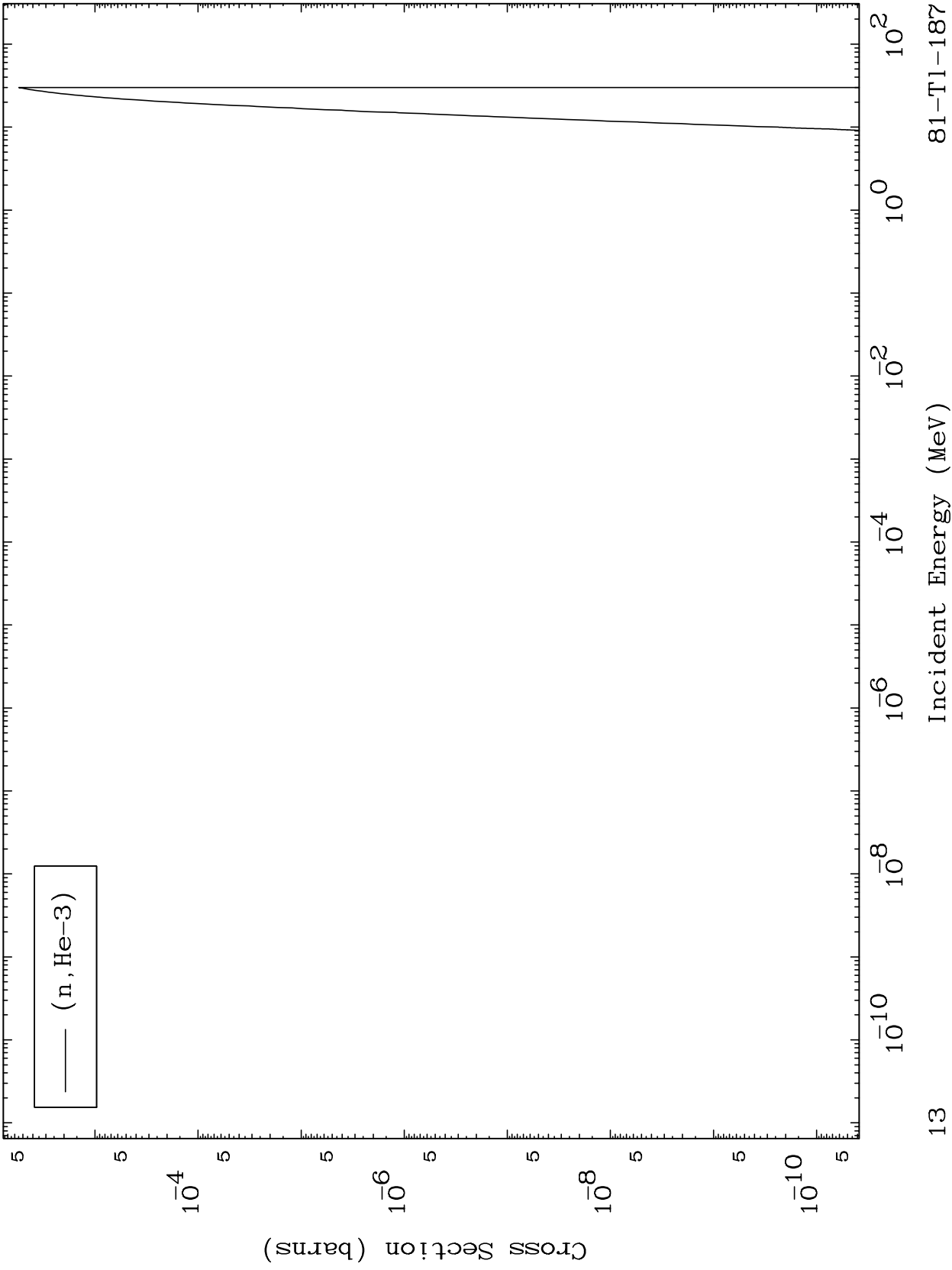
Incident Energy (MeV)

81-Tl-187

MAT 8077

(n,He3) Levels
293 Kelvin Cross Sections

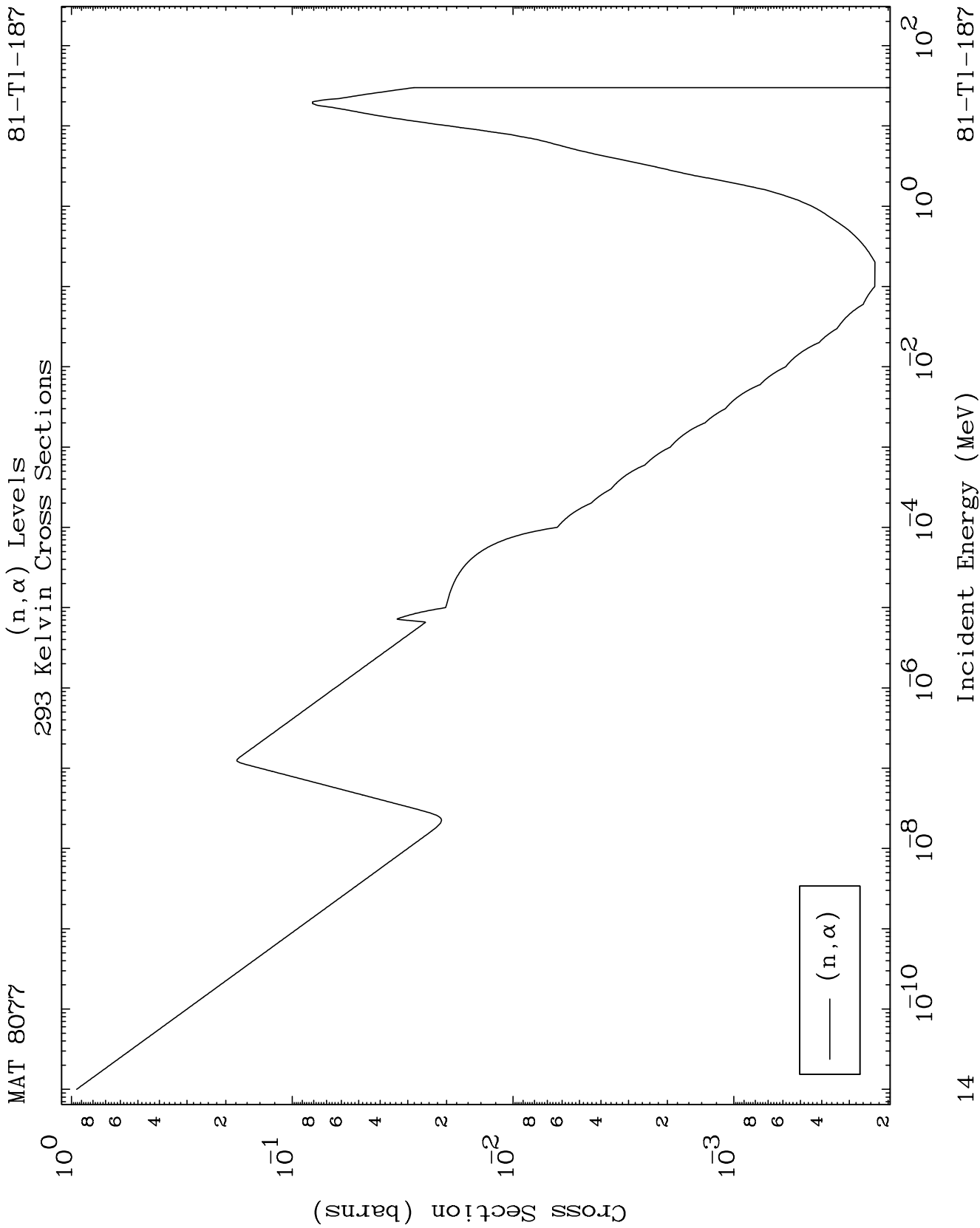
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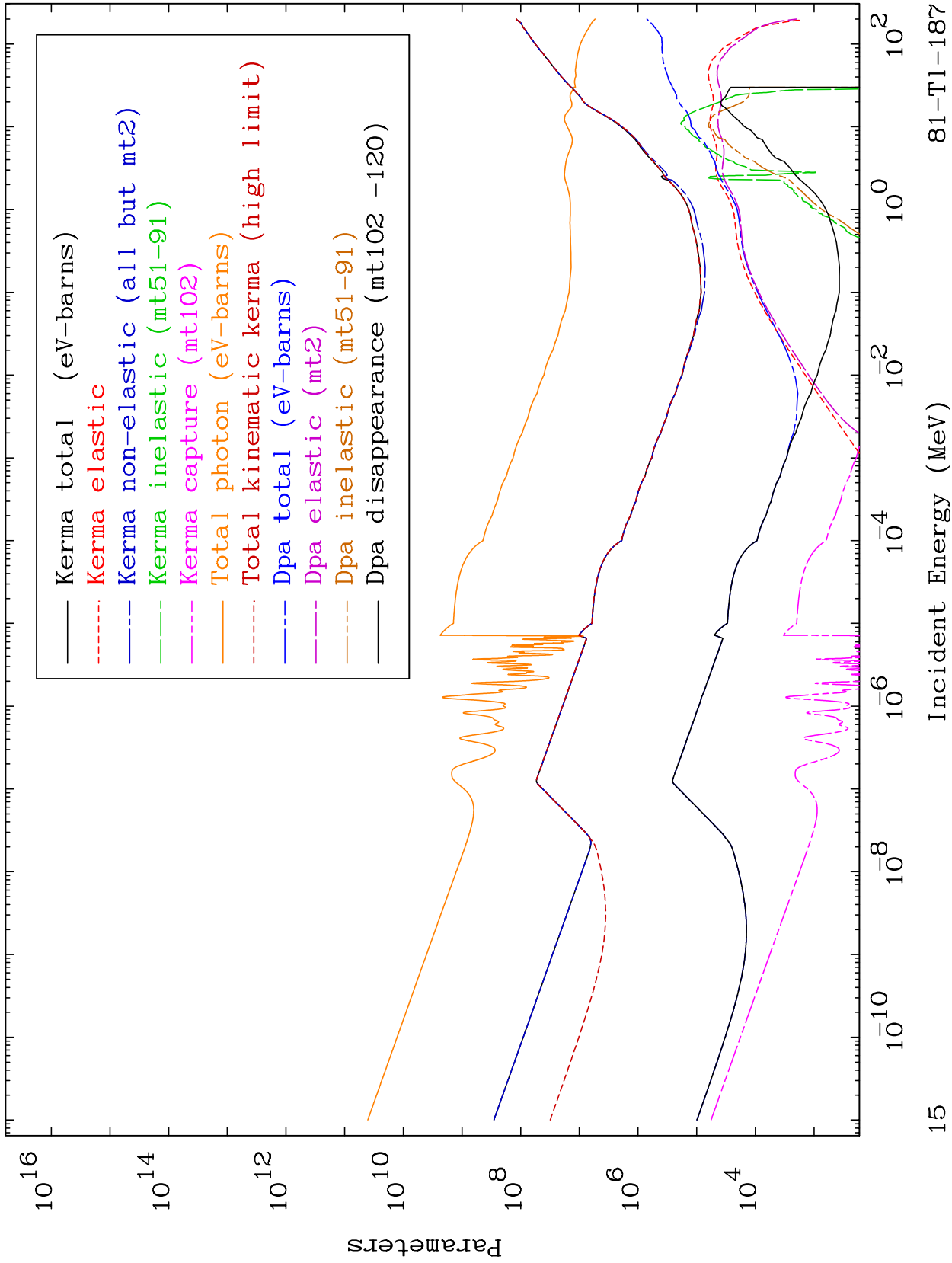


13

Incident Energy (MeV)

81-Tl-187

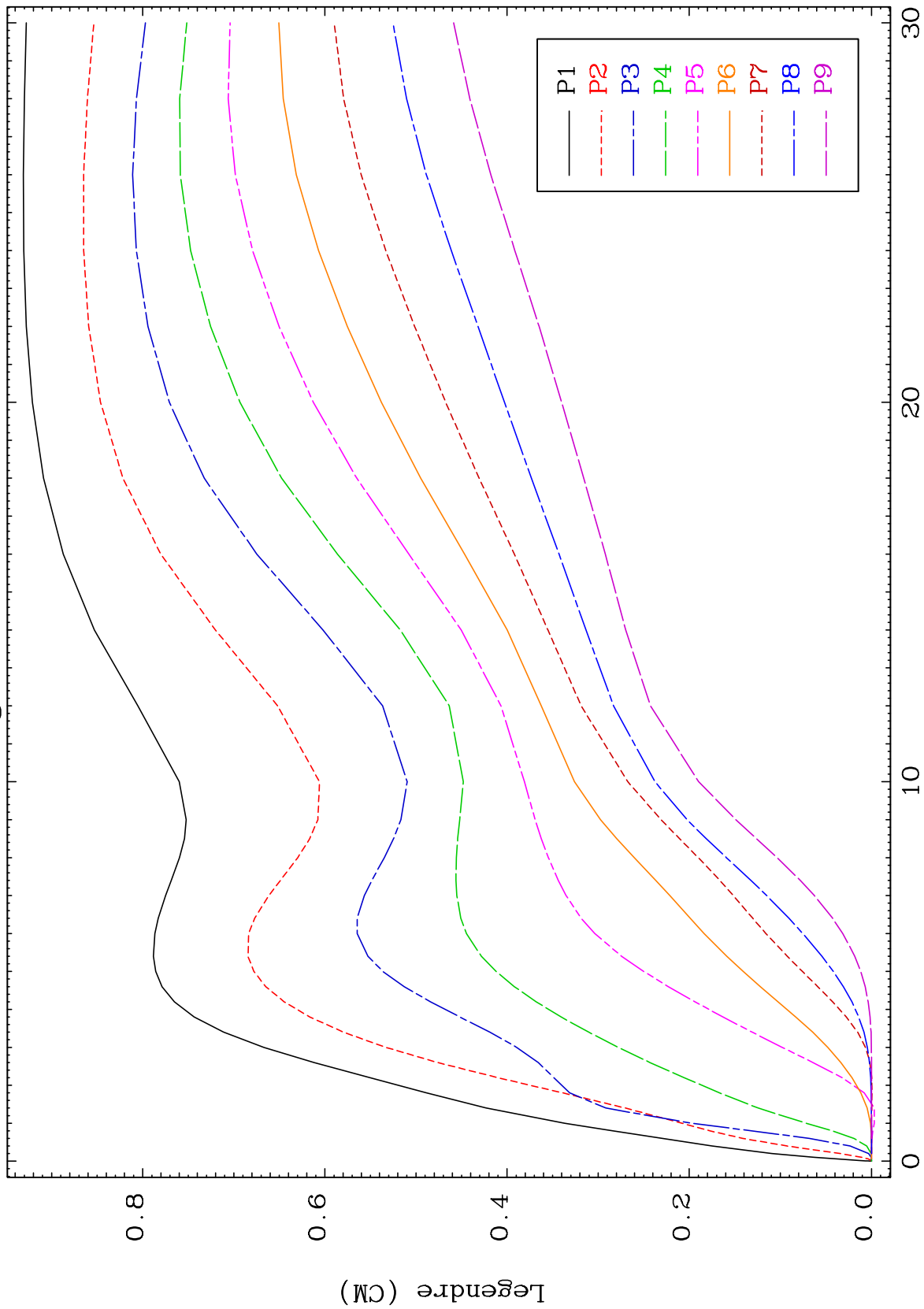




MAT 8077

Elastic Legendre Coefficients

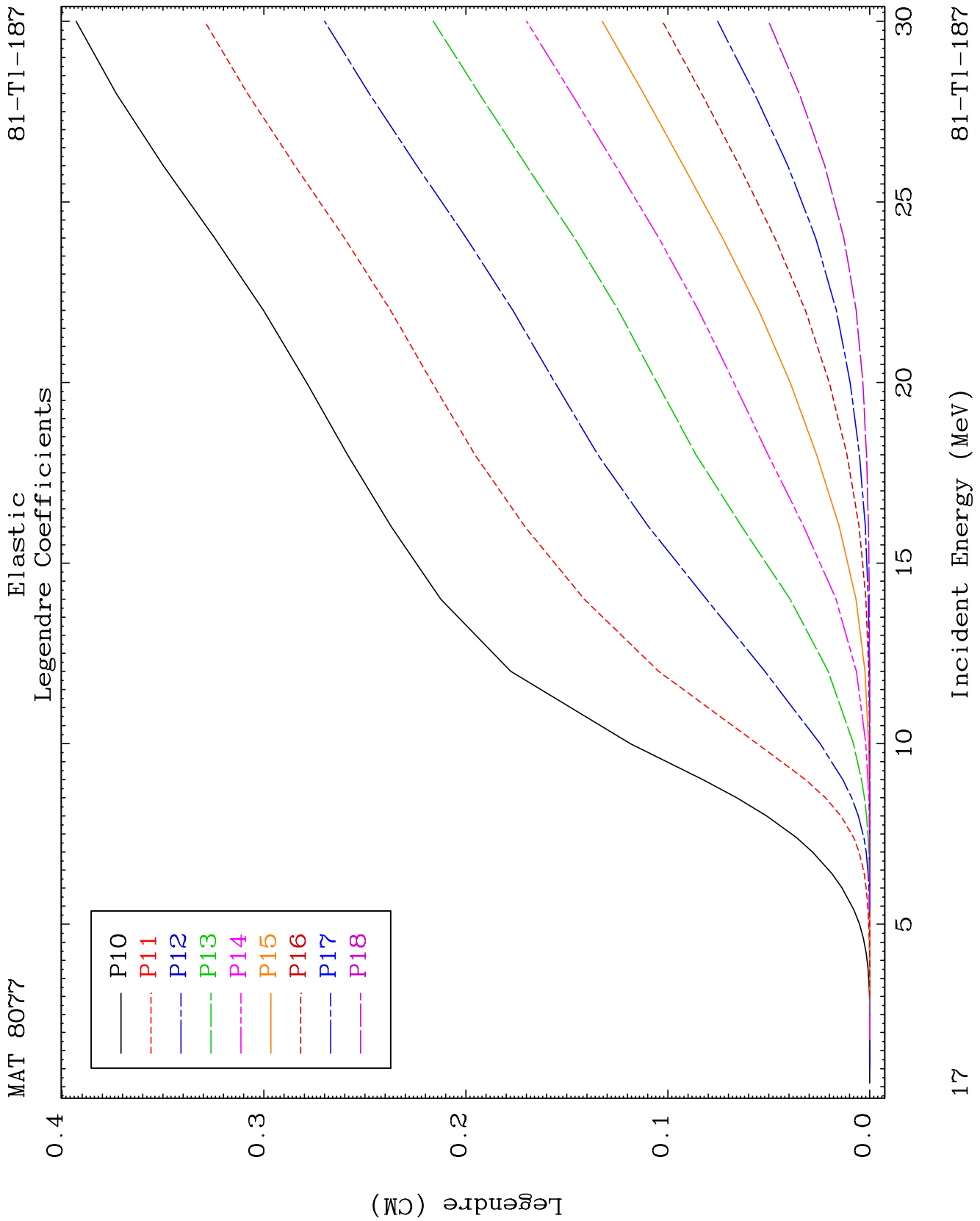
81-Tl-187



16

Incident Energy (MeV)

81-Tl-187



81-Tl-187

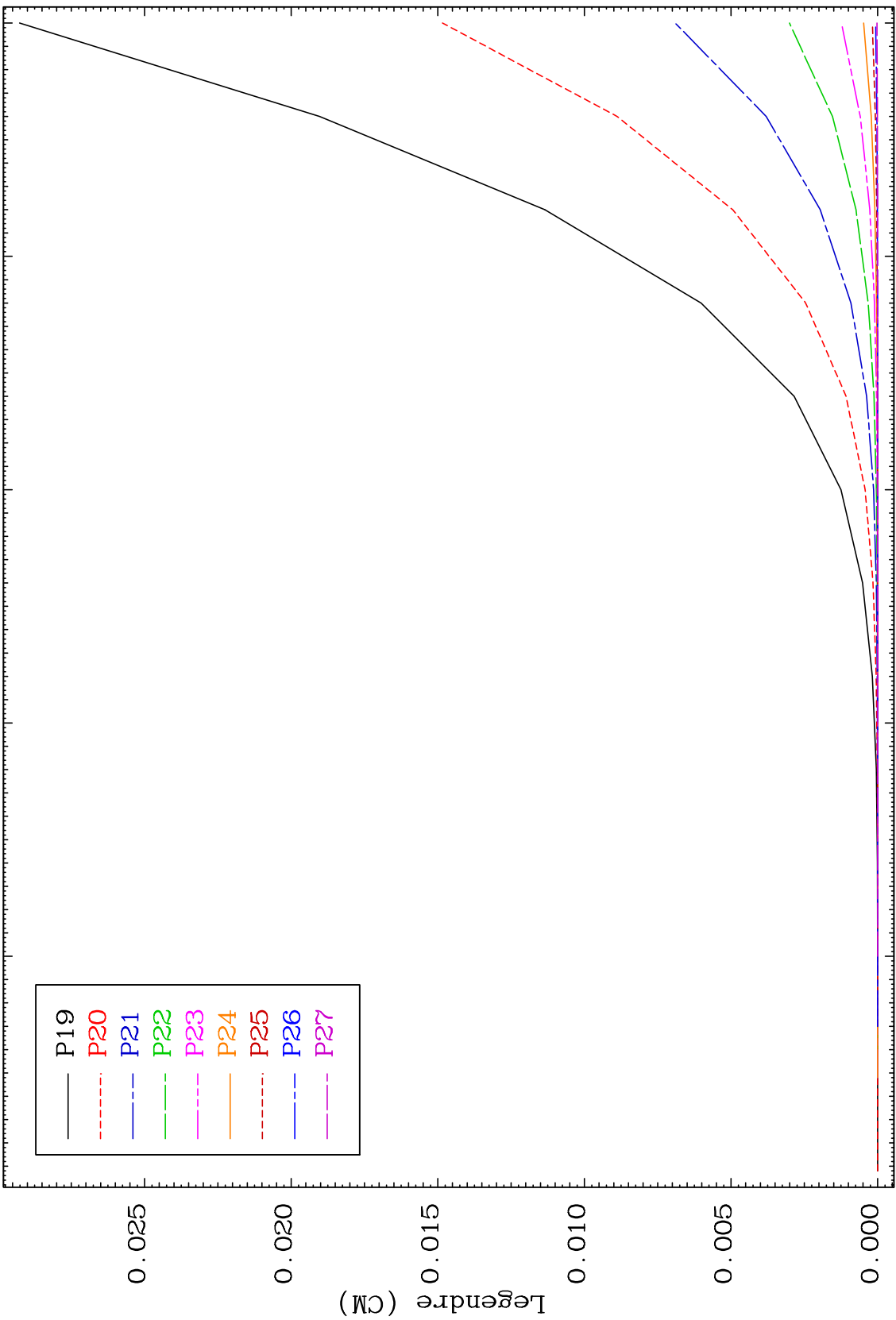
Incident Energy (MeV)

17

MAT 8077

Elastic Legendre Coefficients

81-T1-187



18

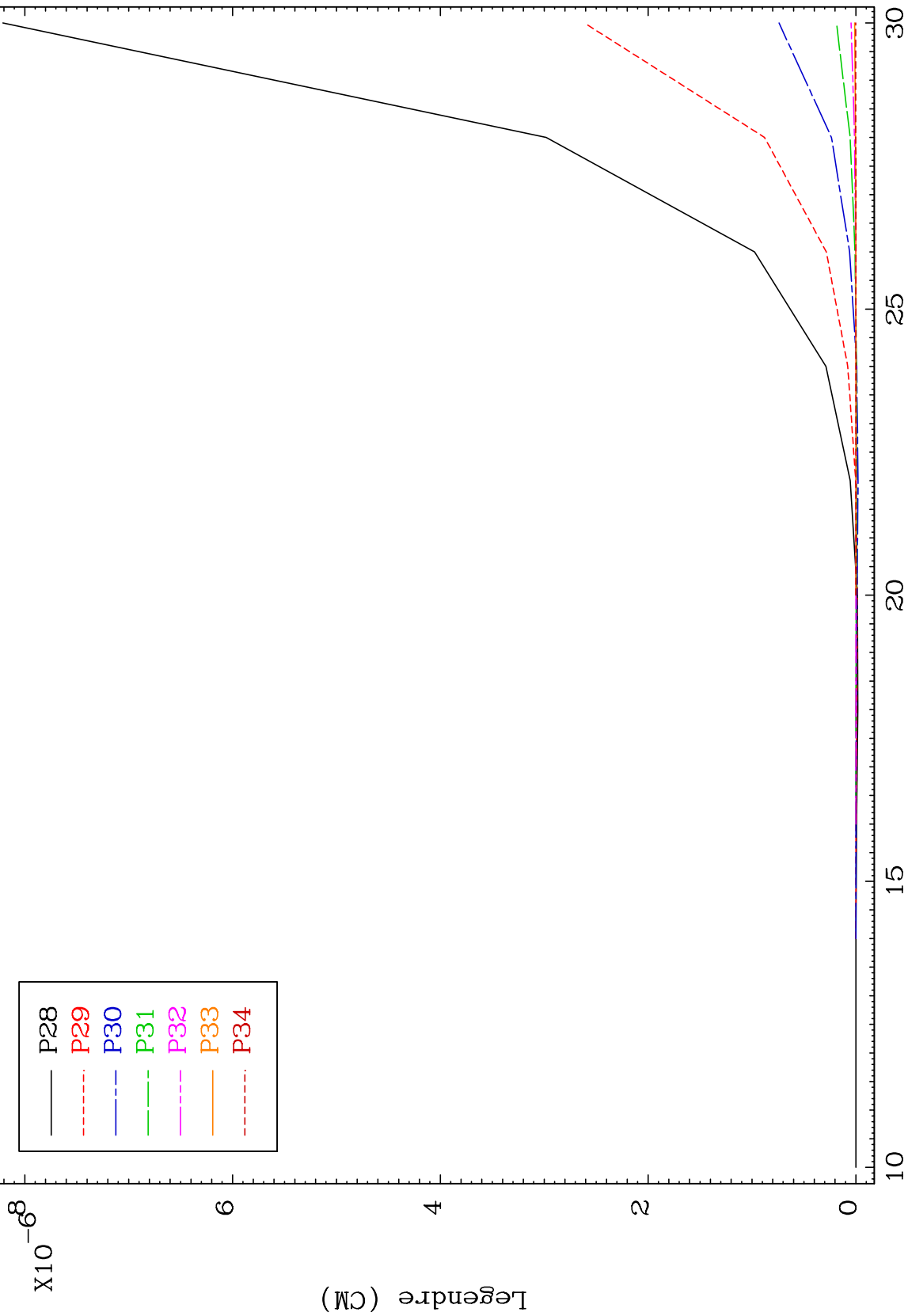
Incident Energy (MeV)

81-T1-187

MAT 8077

Elastic
Legendre Coefficients

81-T1-187



19

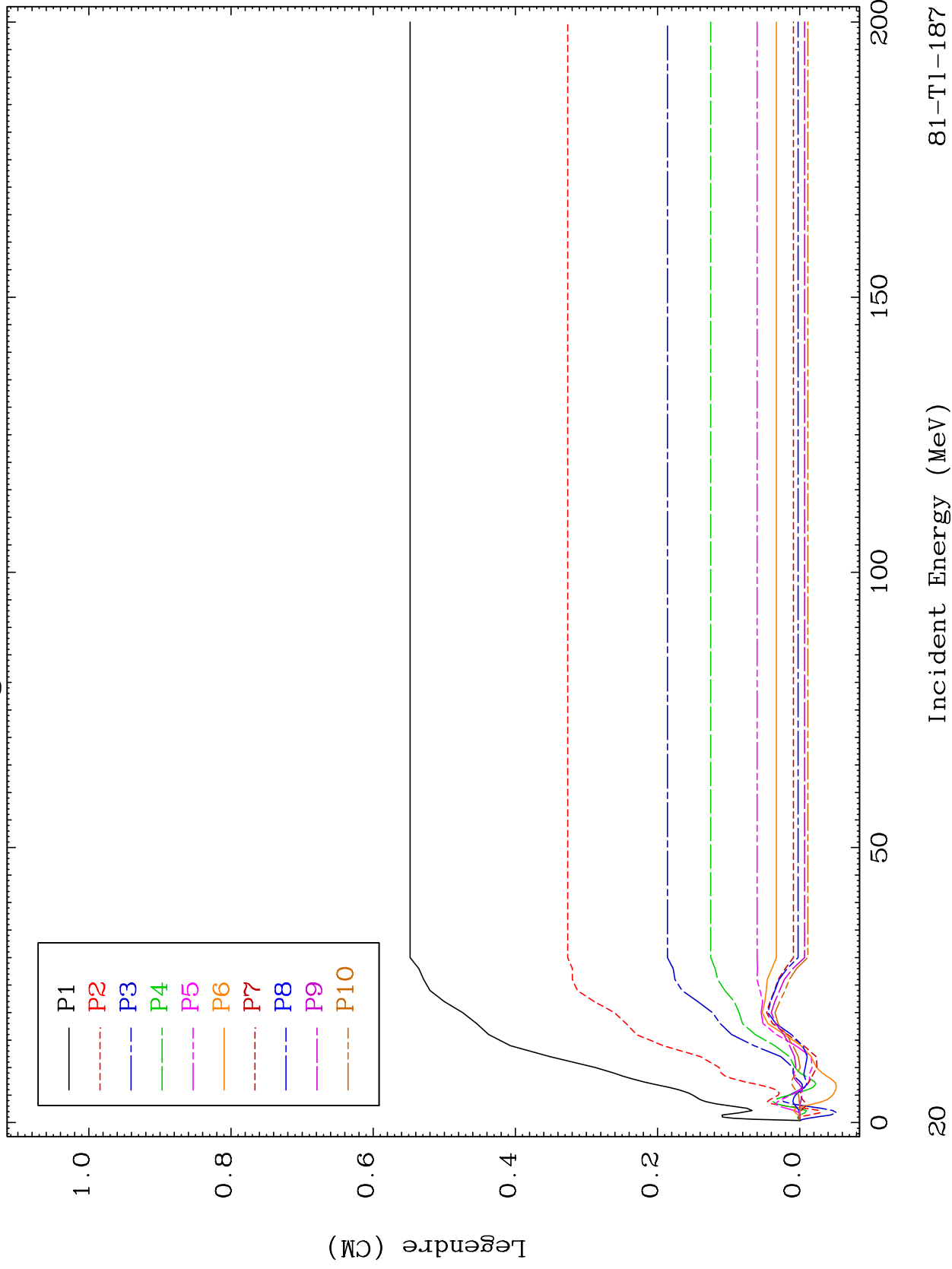
Incident Energy (MeV)

81-T1-187

MAT 8077

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

81-Tl-187

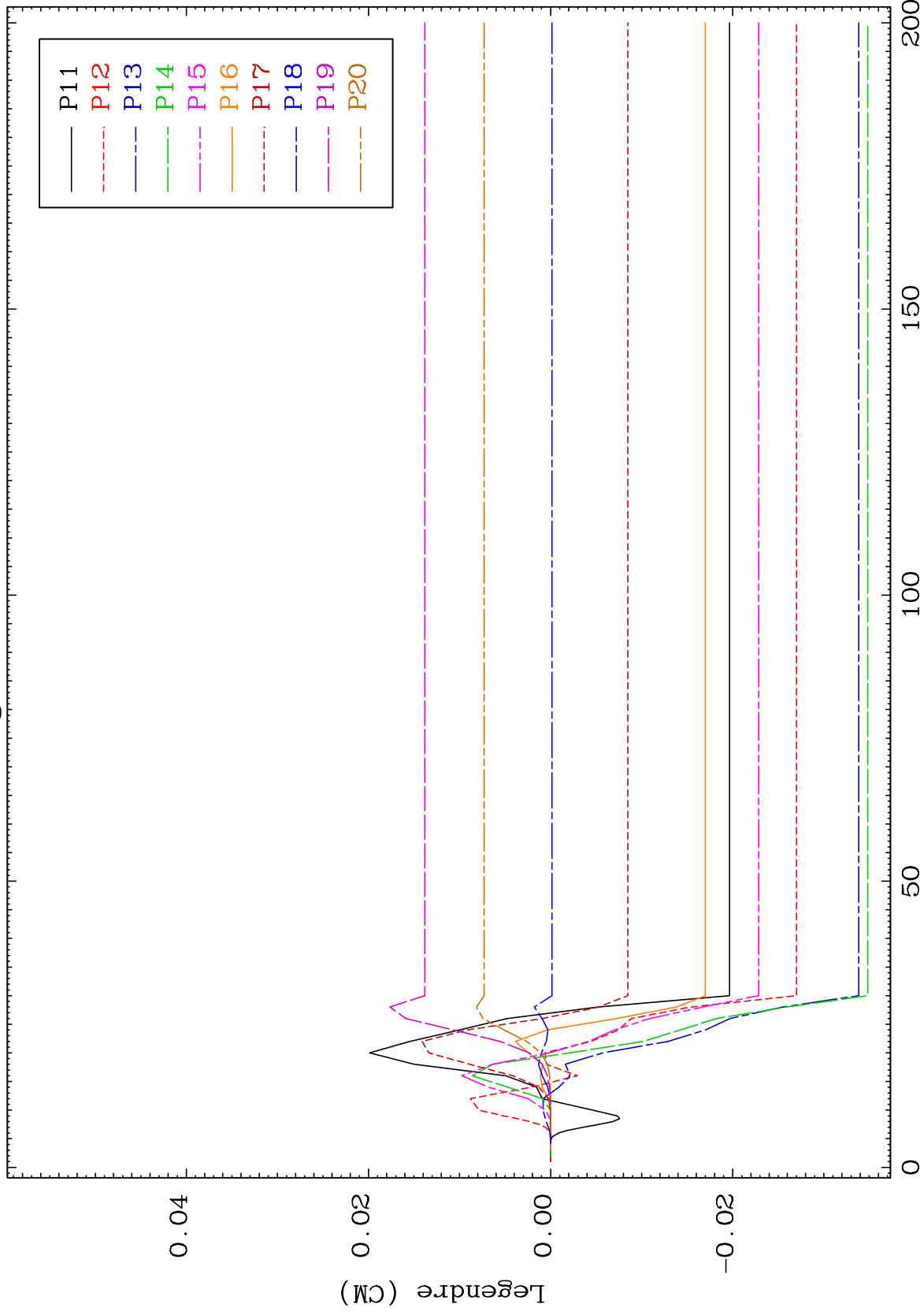


81-Tl-187

MAT 8077

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

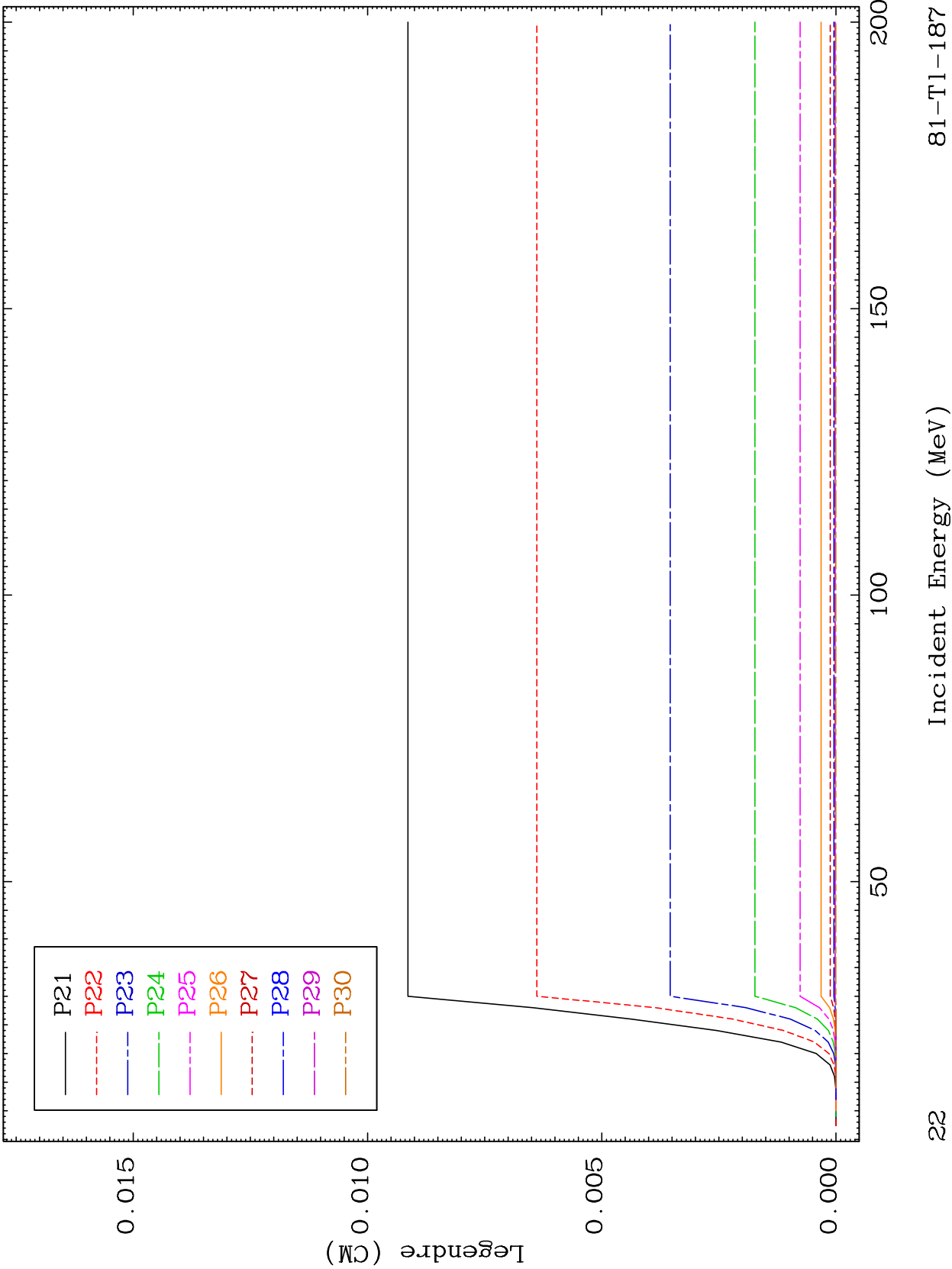
81-Tl-187



21

Incident Energy (MeV)

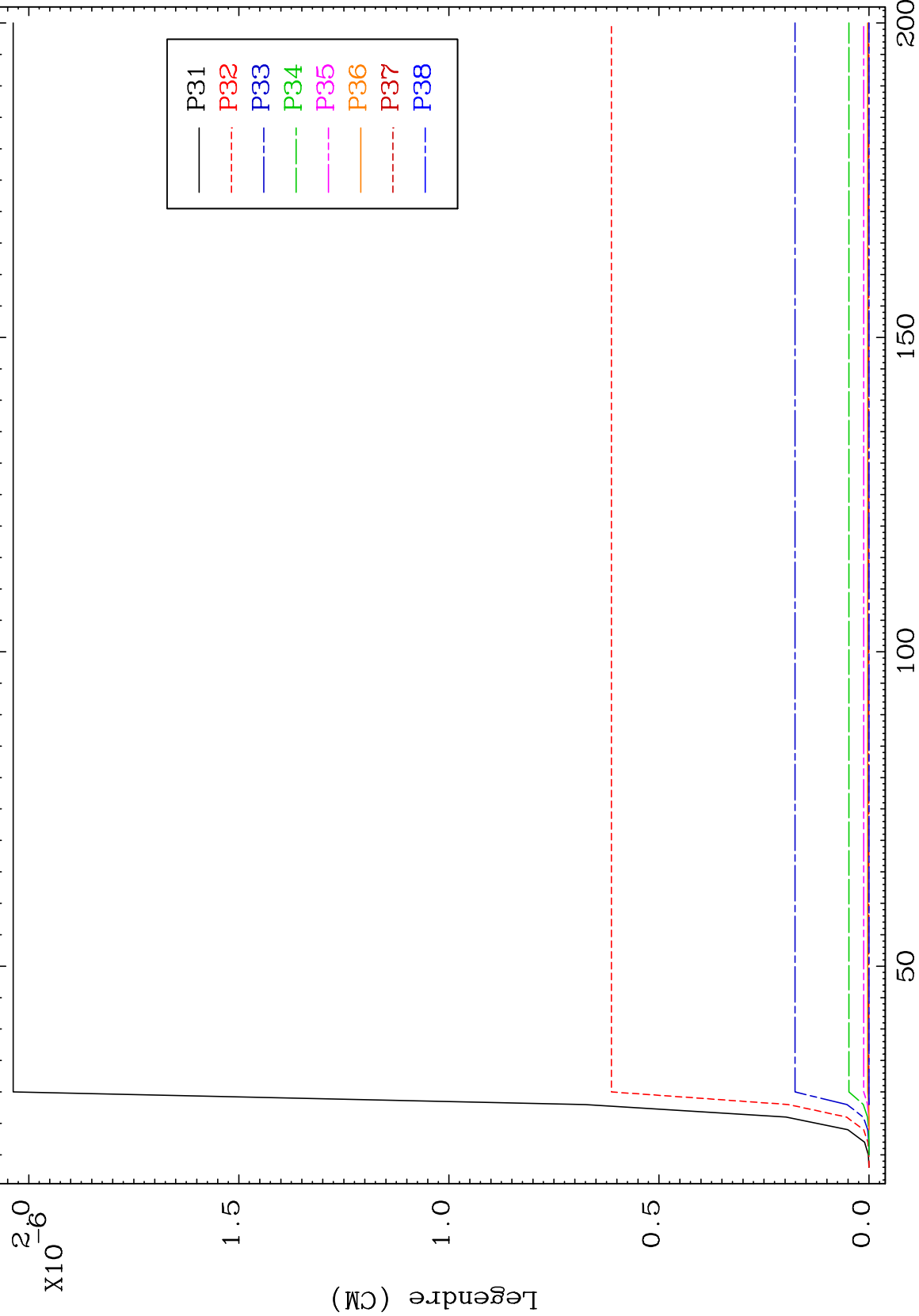
81-Tl-187



MAT 8077

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

81-Tl-187



23

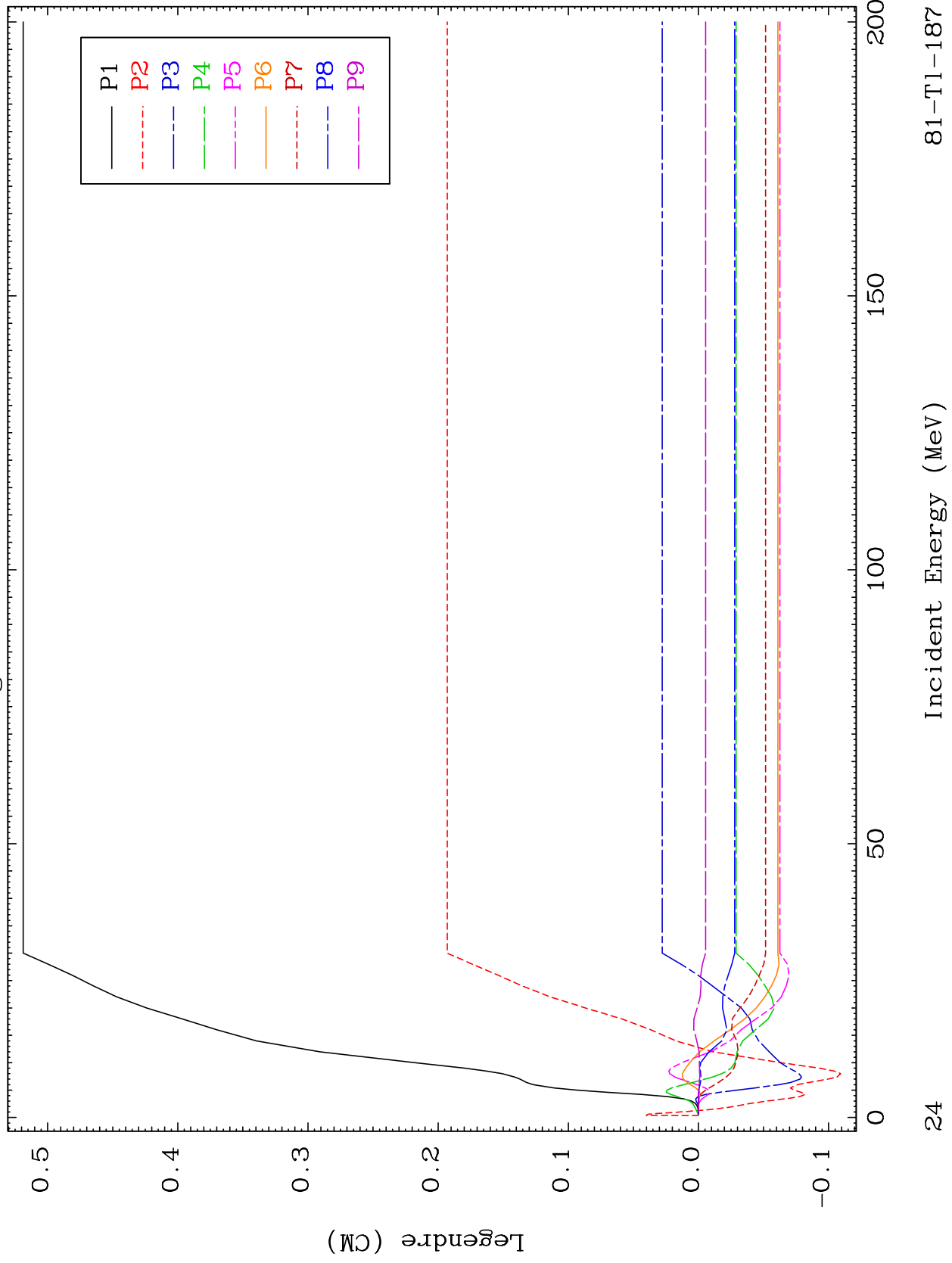
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

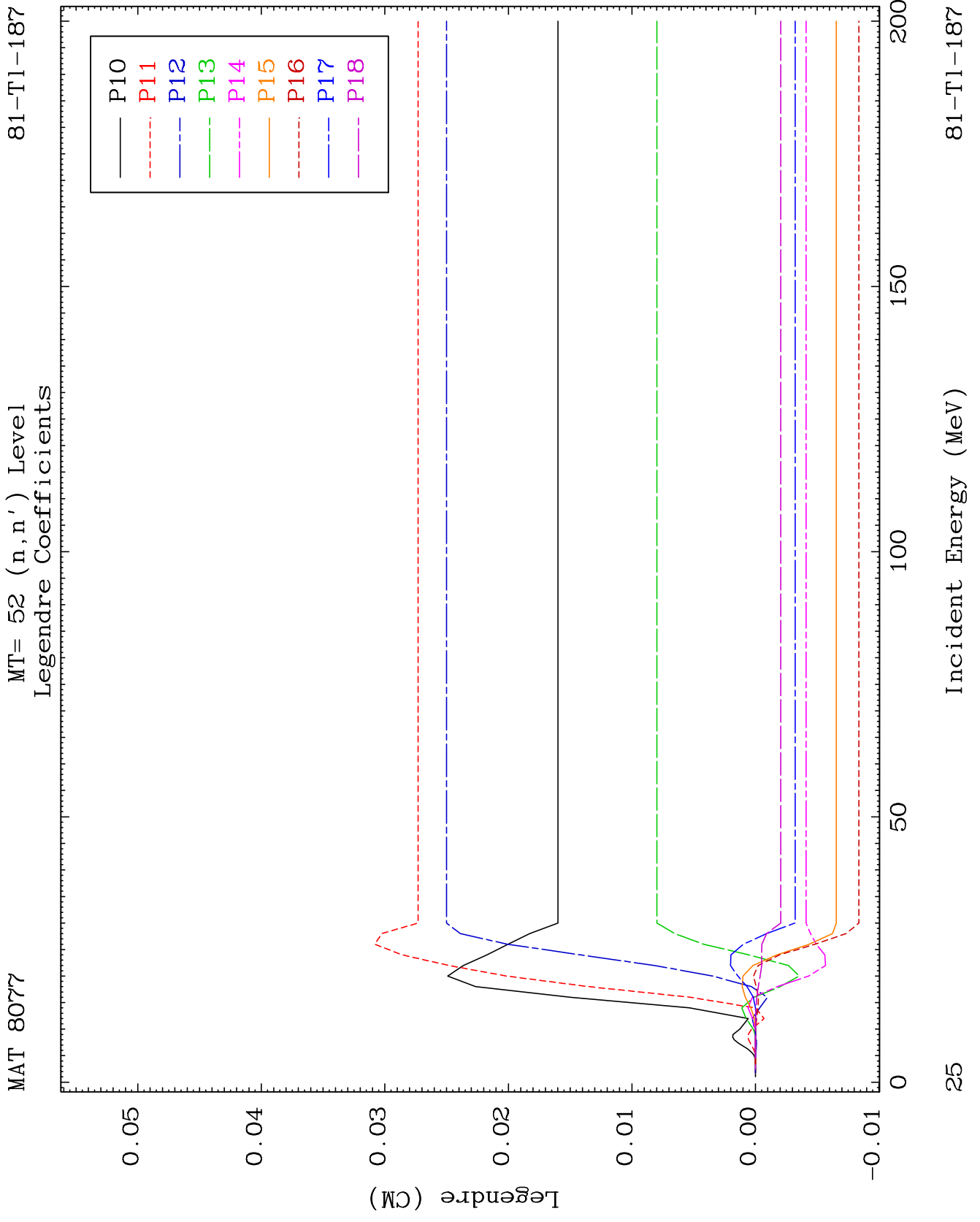
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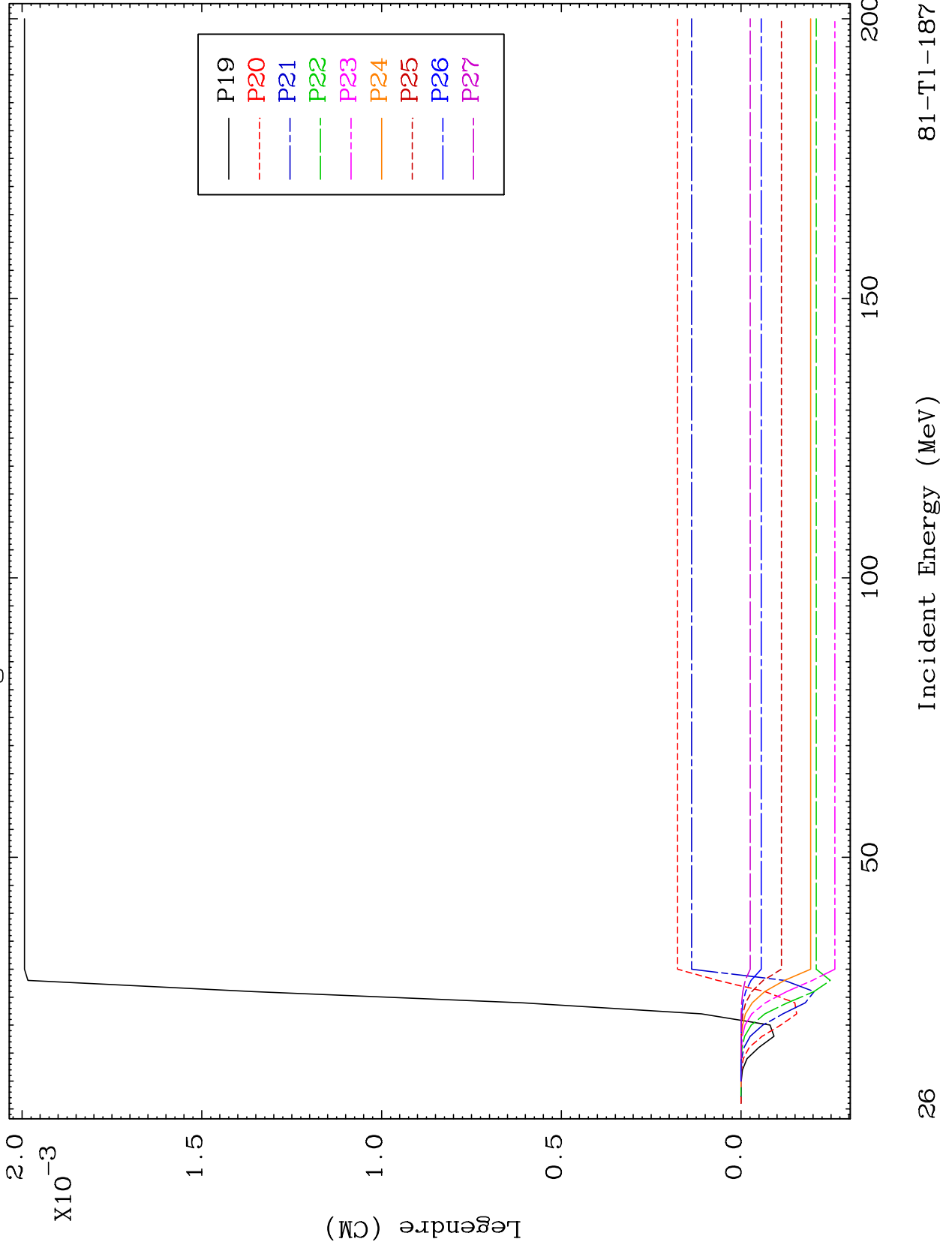


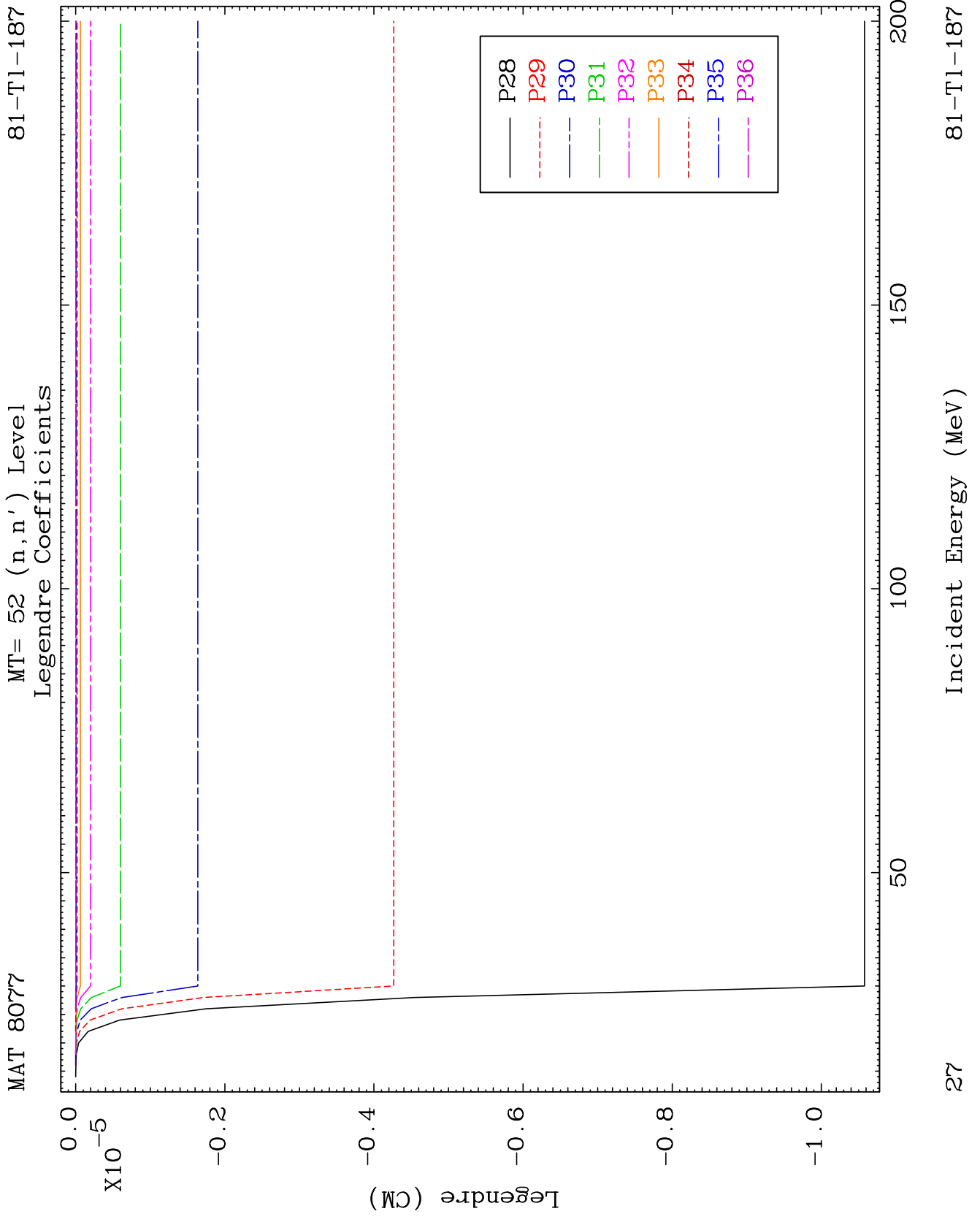
81-Tl-187

Incident Energy (MeV)

24



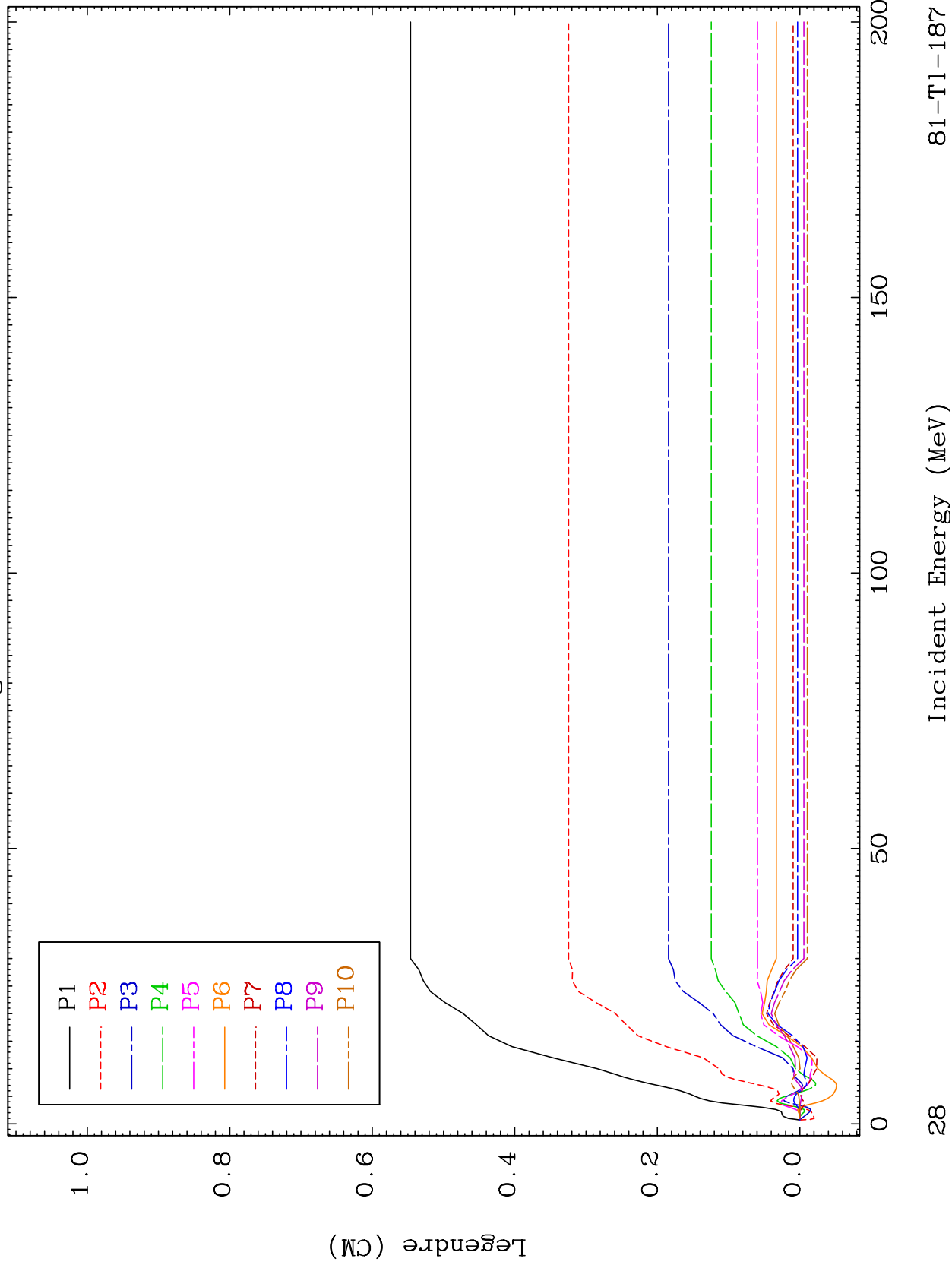




MAT 8077

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

81-Tl-187



81-Tl-187

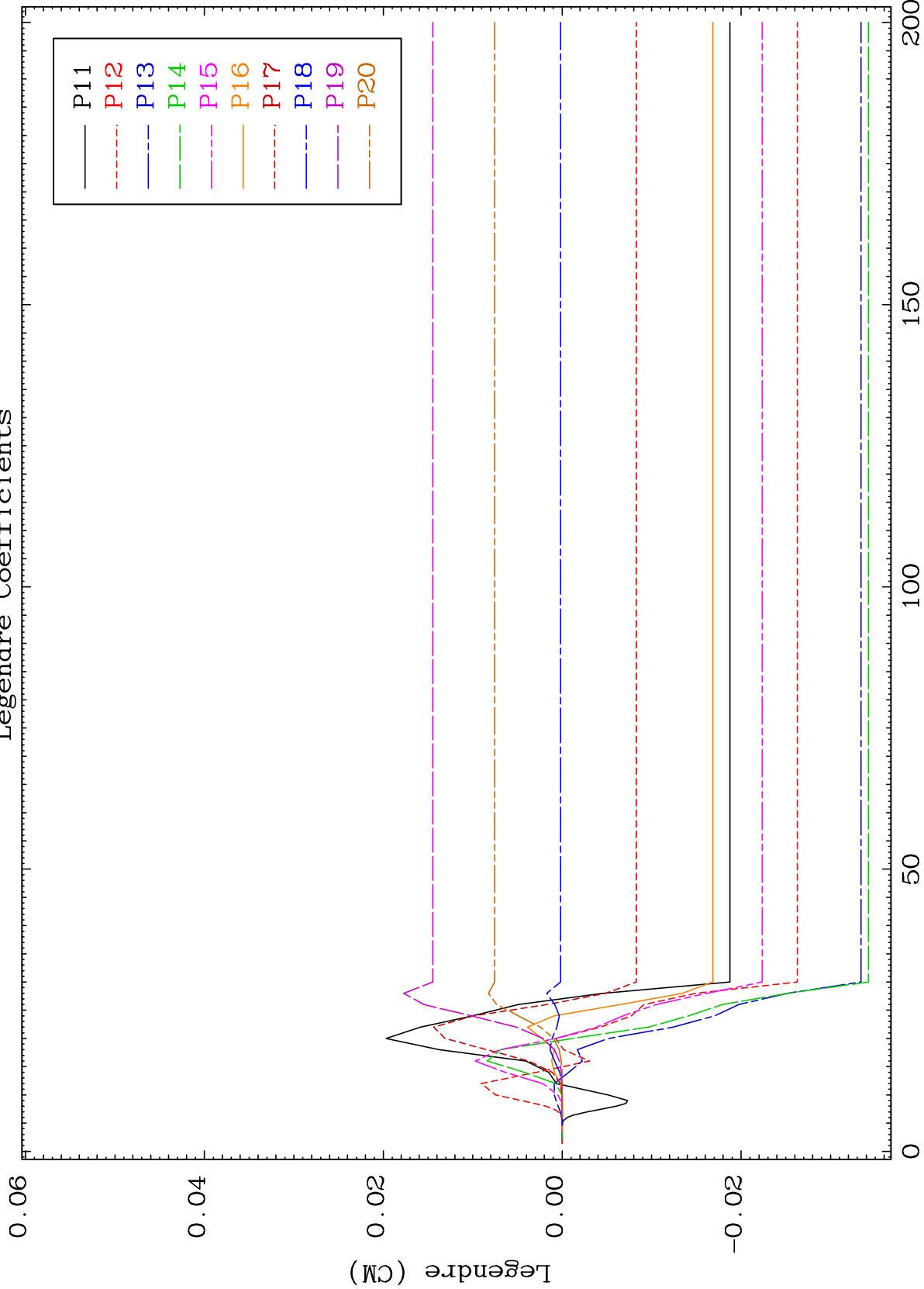
Incident Energy (MeV)

28

MAT 8077

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

81-T1-187



29

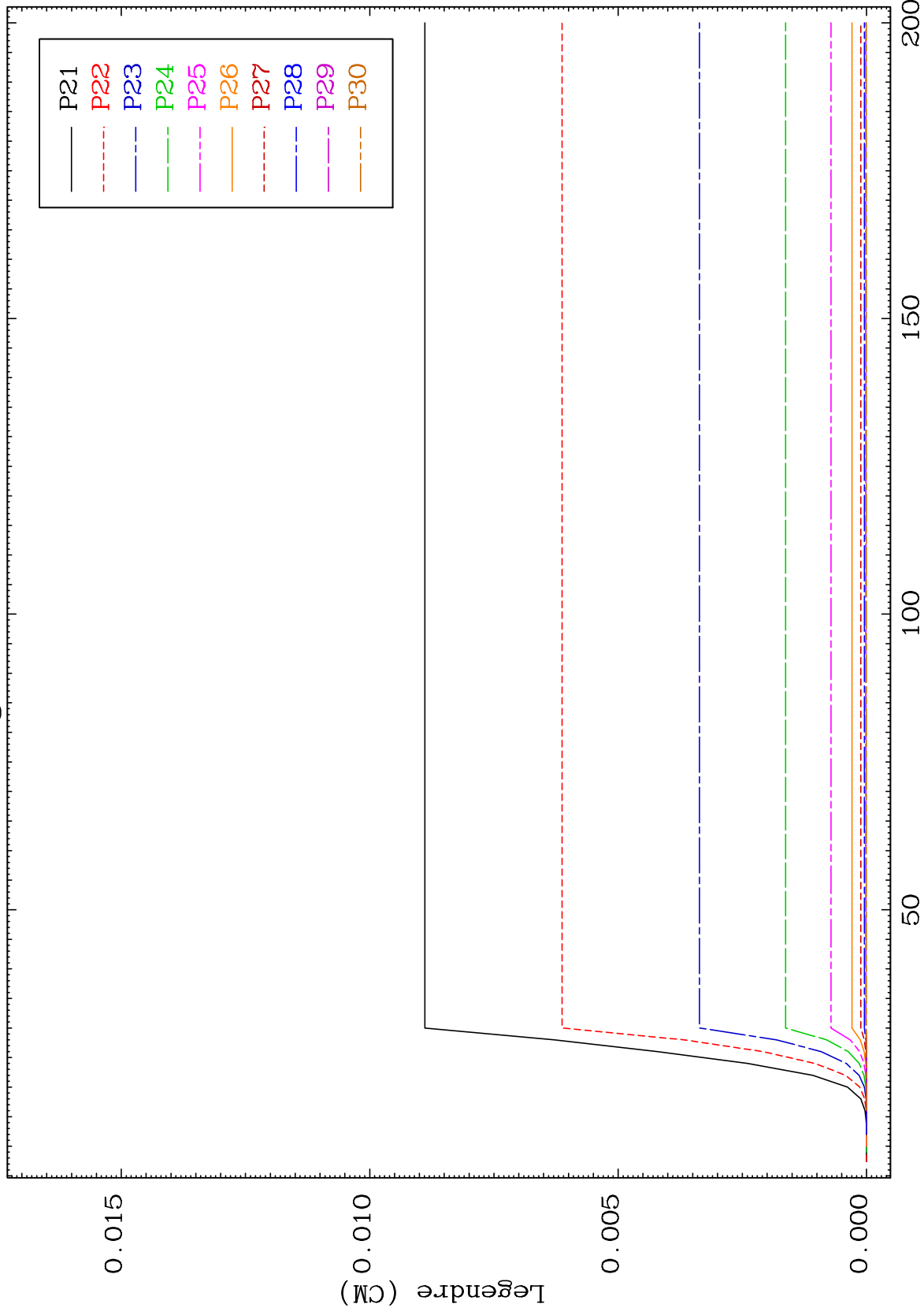
Incident Energy (MeV)

81-T1-187

MAT 8077

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

81-T1-187



30

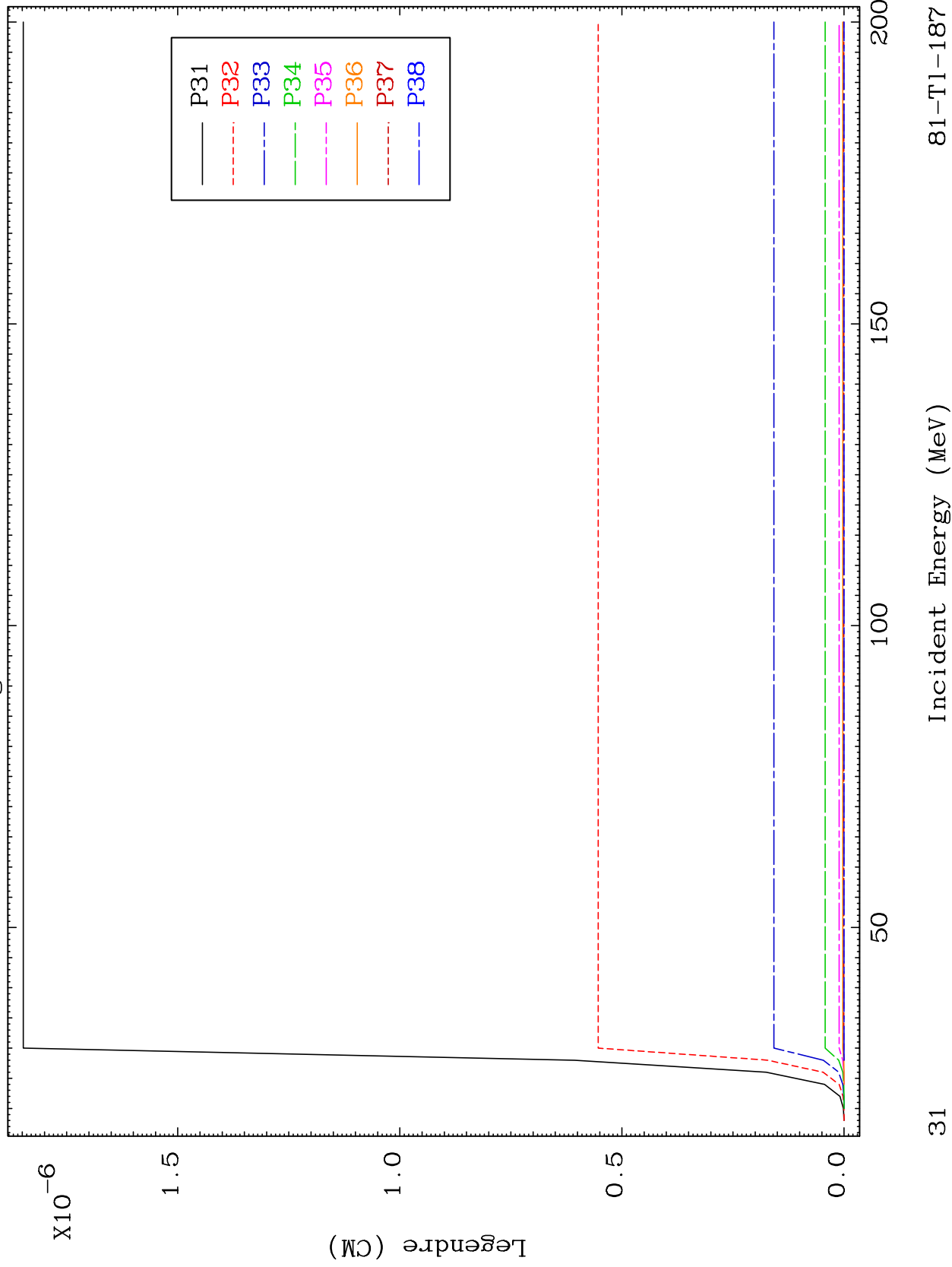
Incident Energy (MeV)

81-T1-187

MAT 8077

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

81-Tl-187



31

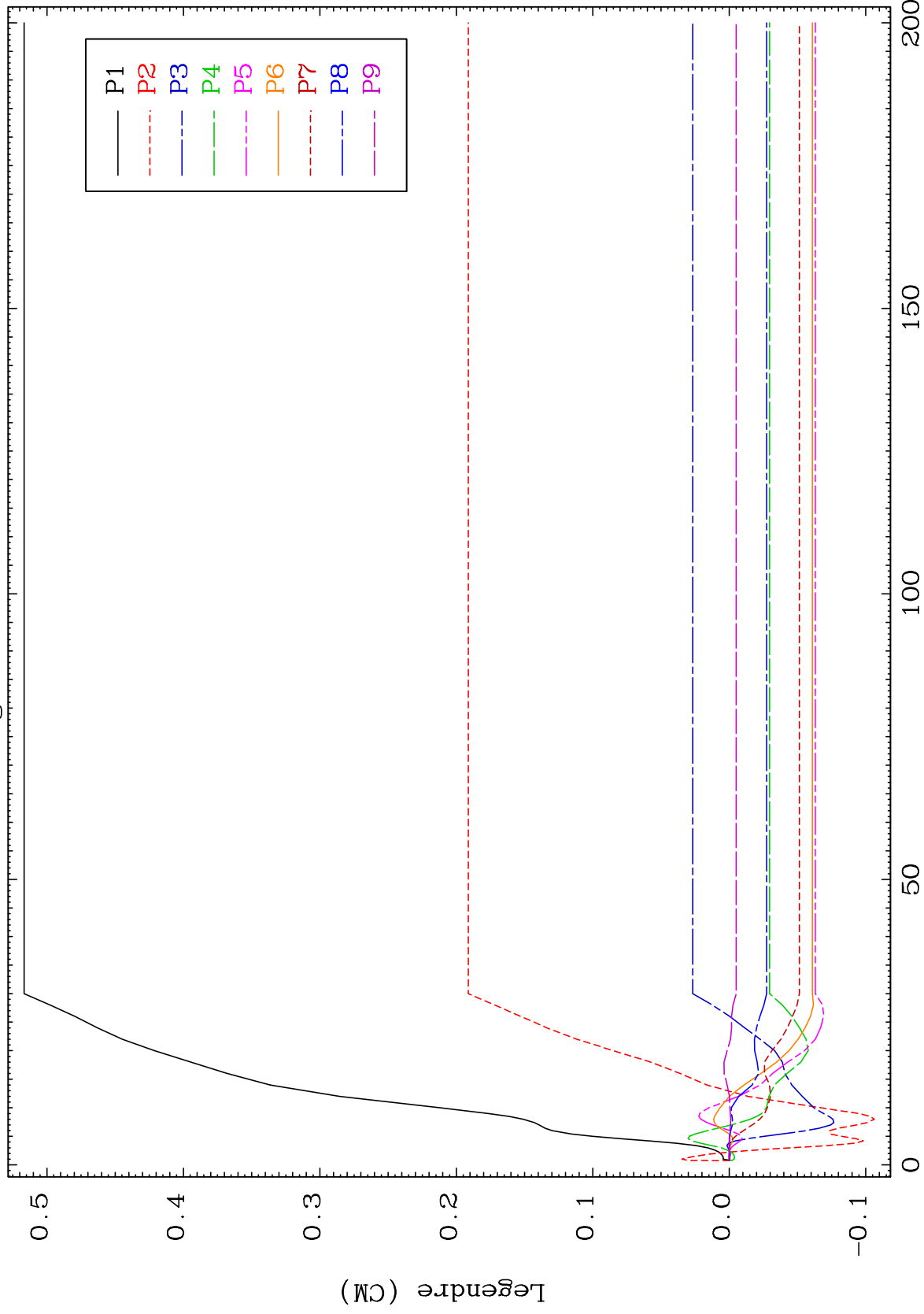
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



32

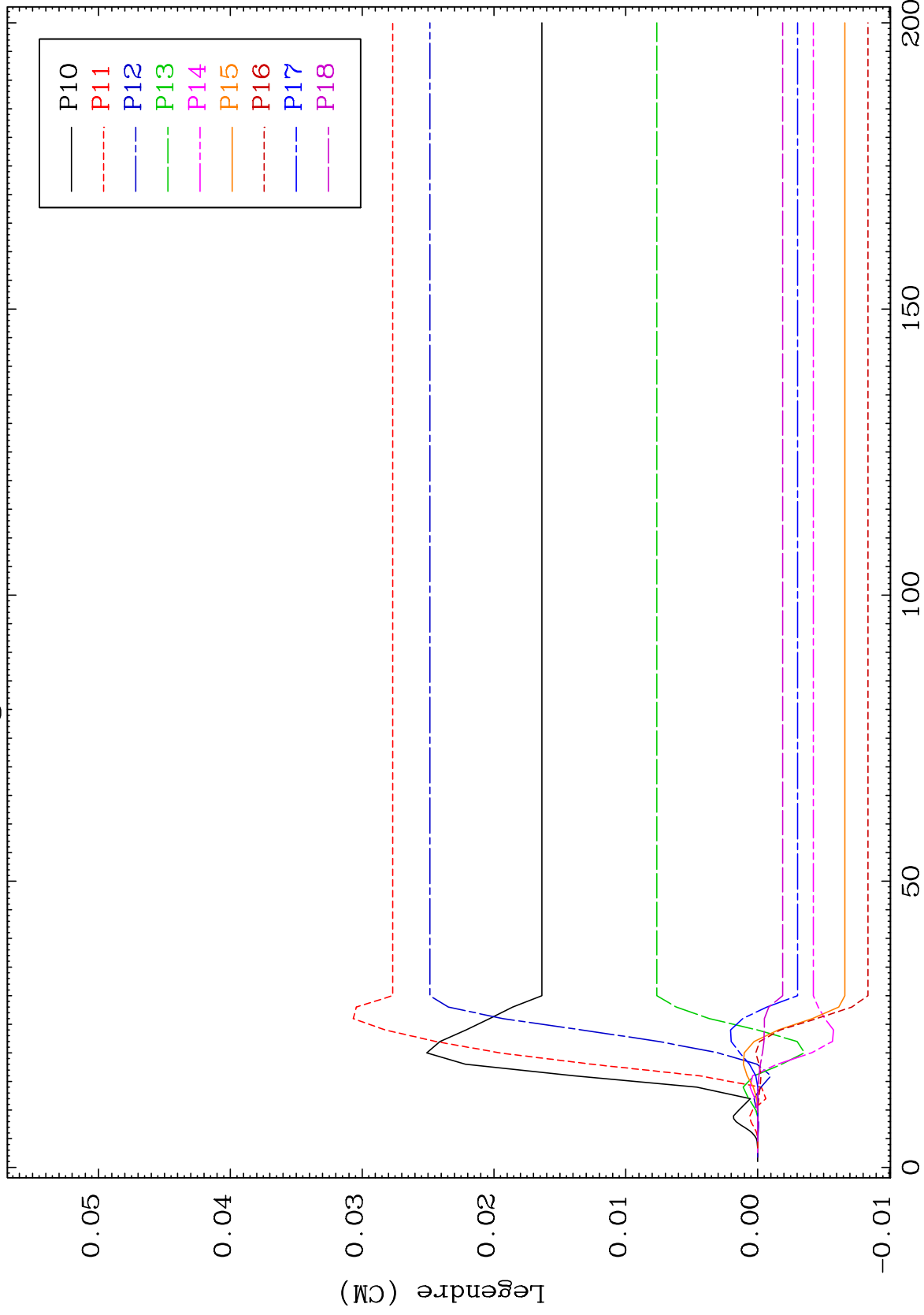
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

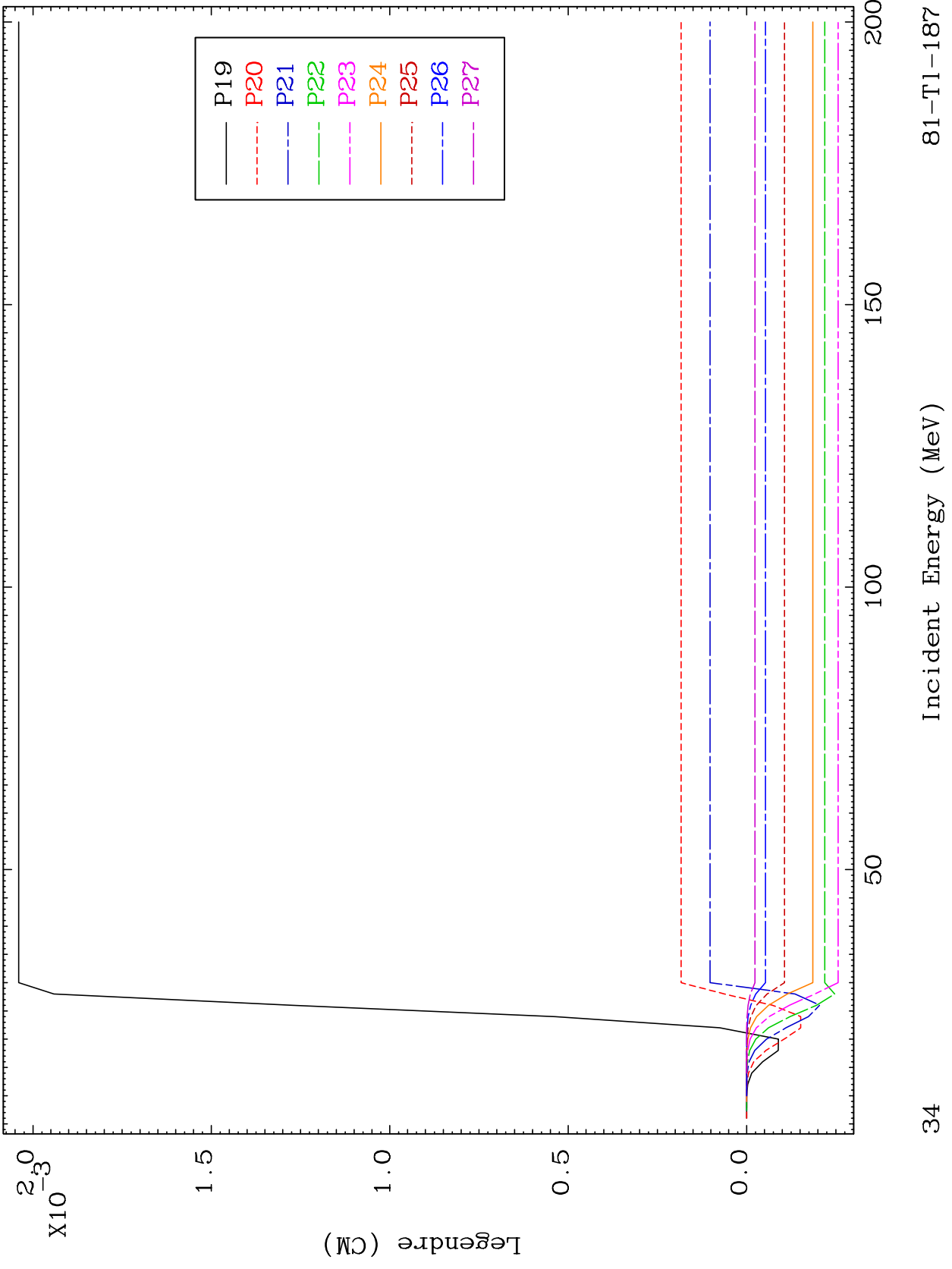
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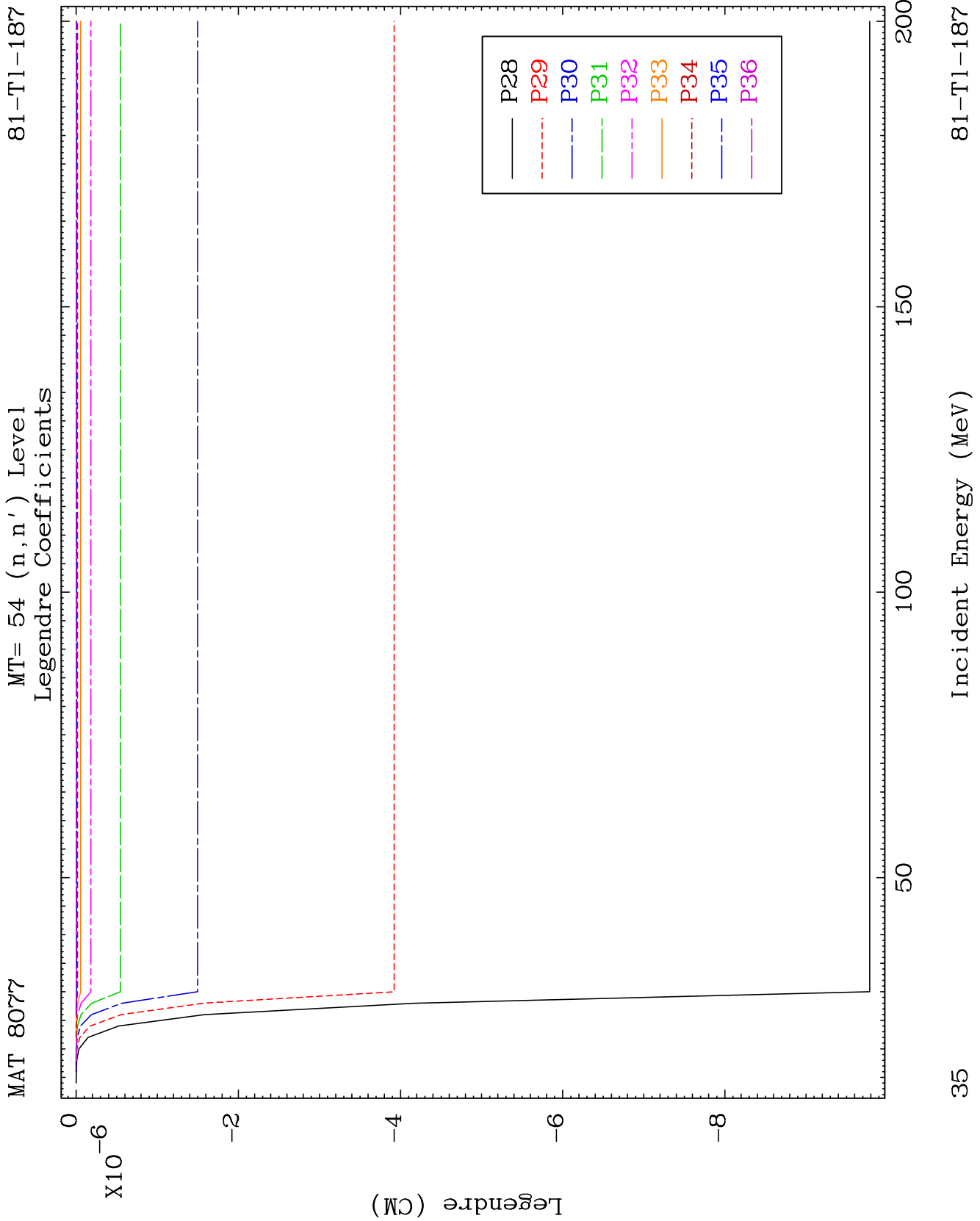


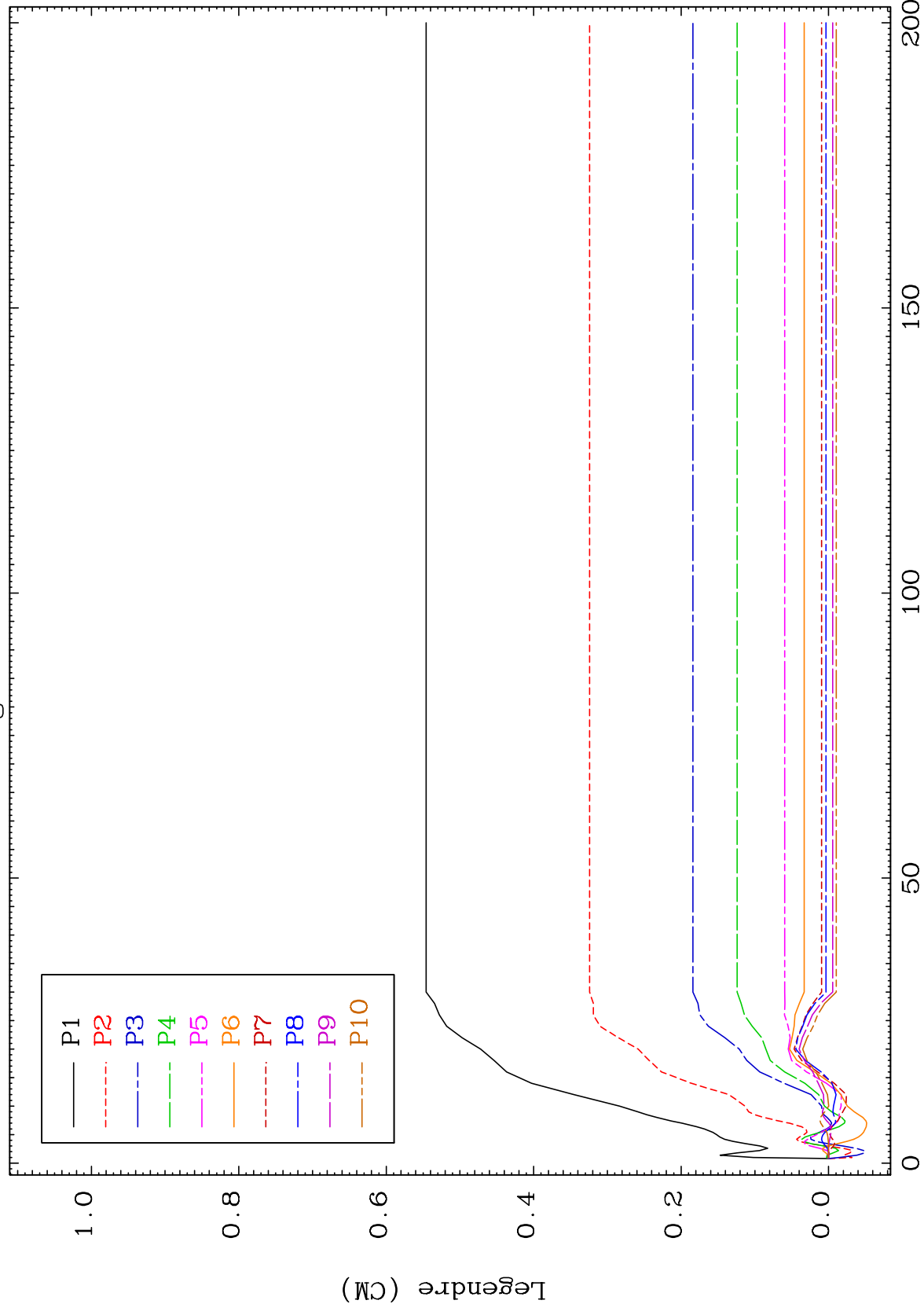
33

Incident Energy (MeV)

81-T1-187



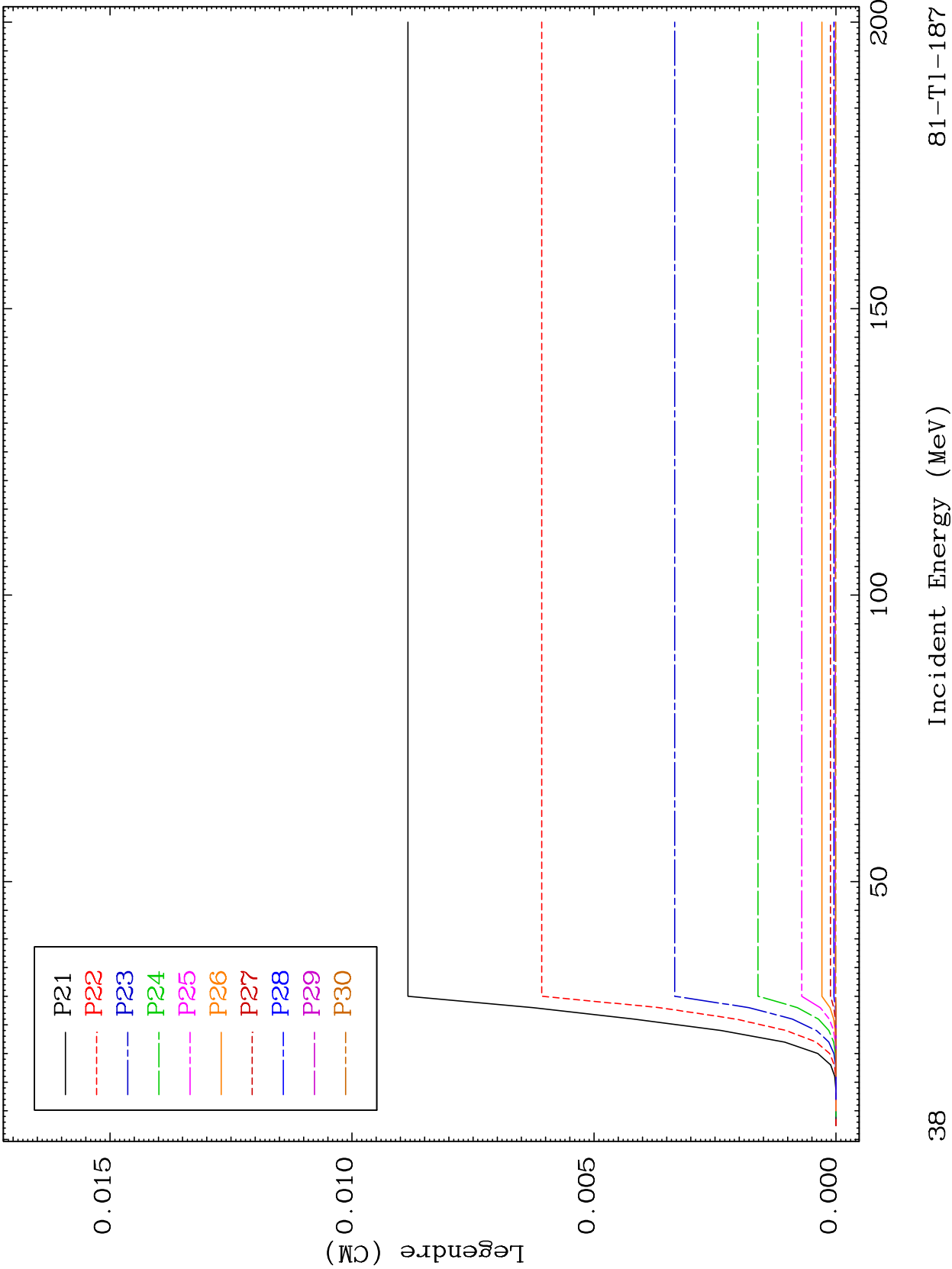




MAT 8077

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

81-Tl-187



38

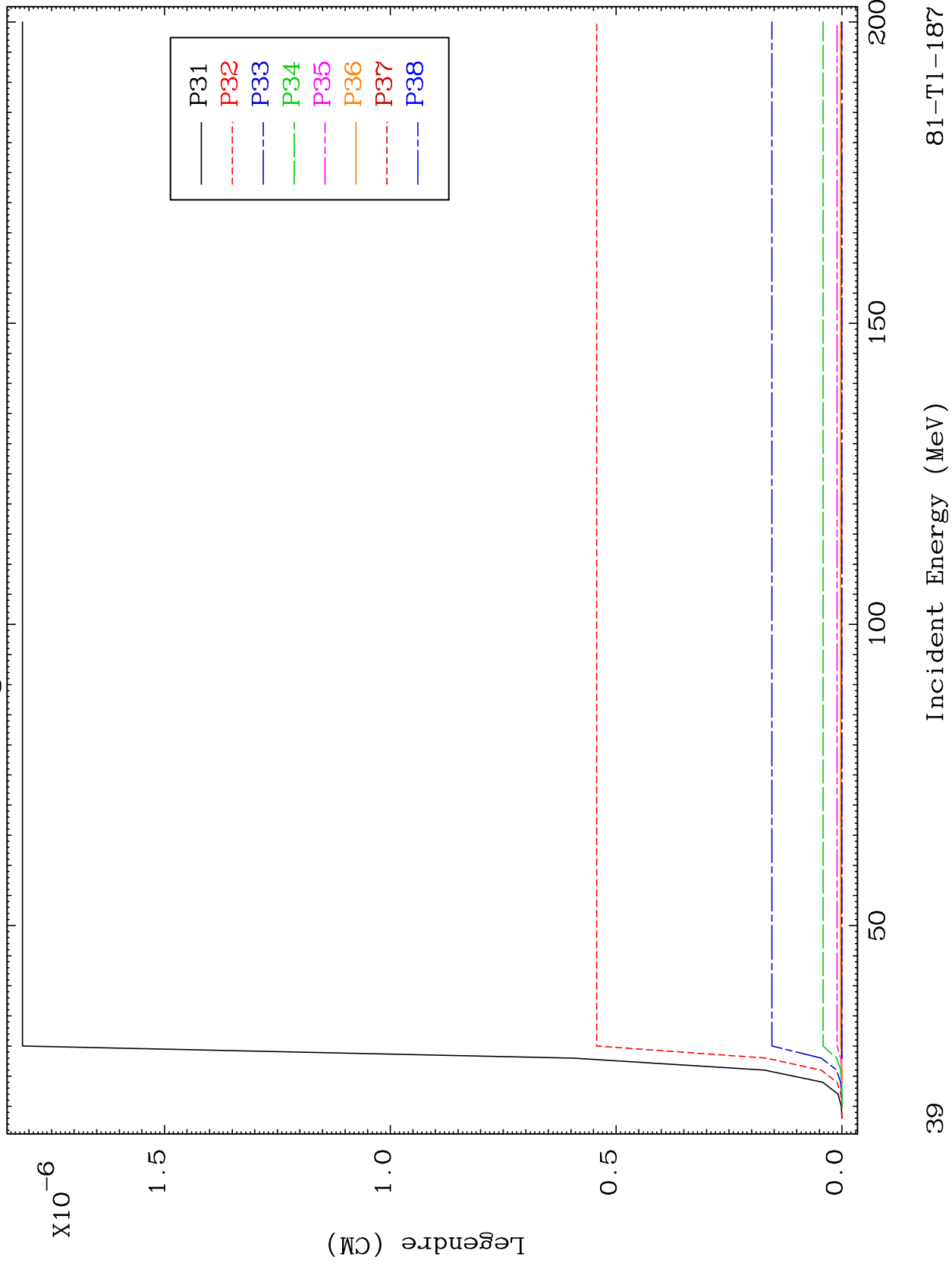
Incident Energy (MeV)

81-Tl-187

MAT 8077

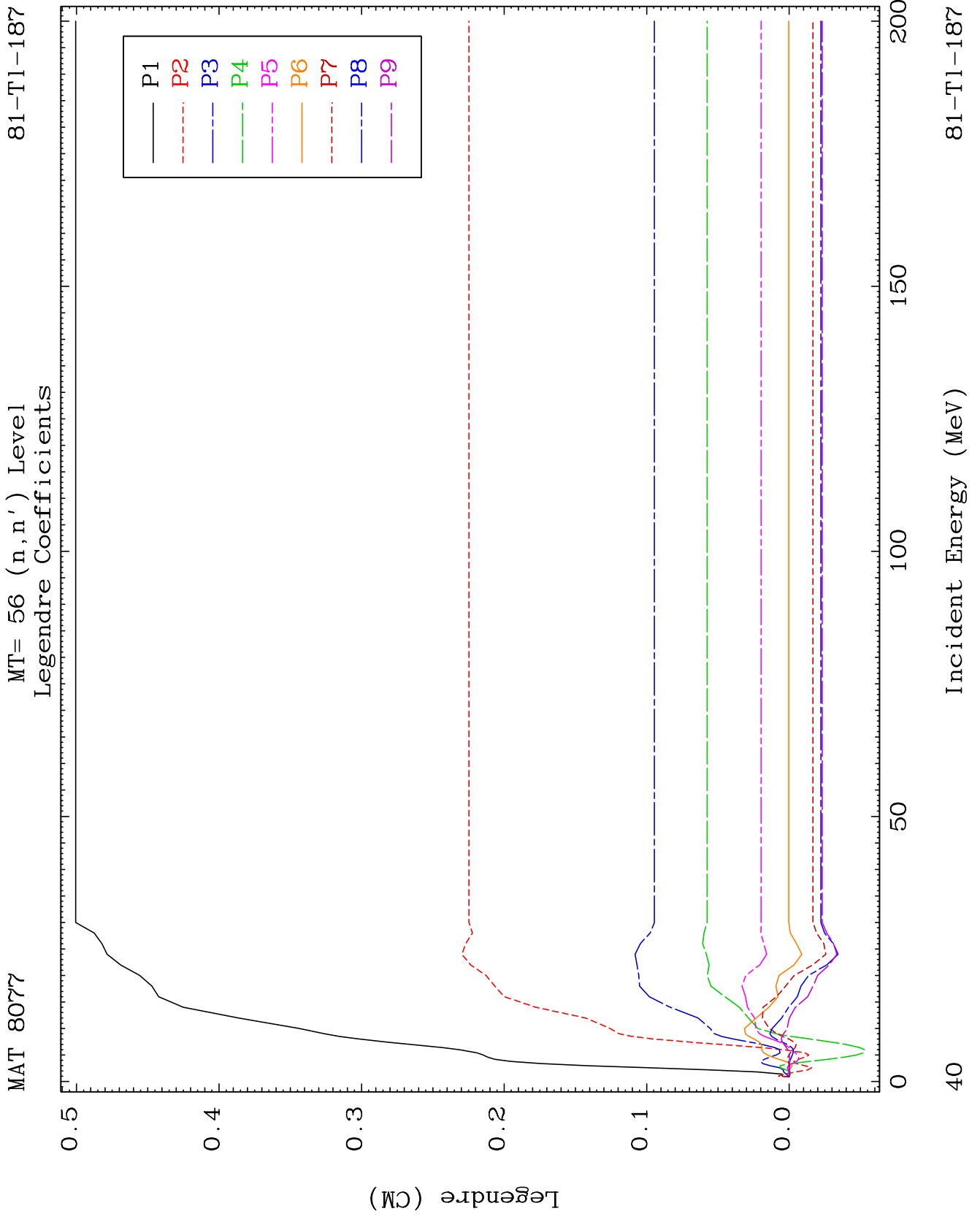
MT= 55 (n,n') Level
Legendre Coefficients

81-Tl-187



39

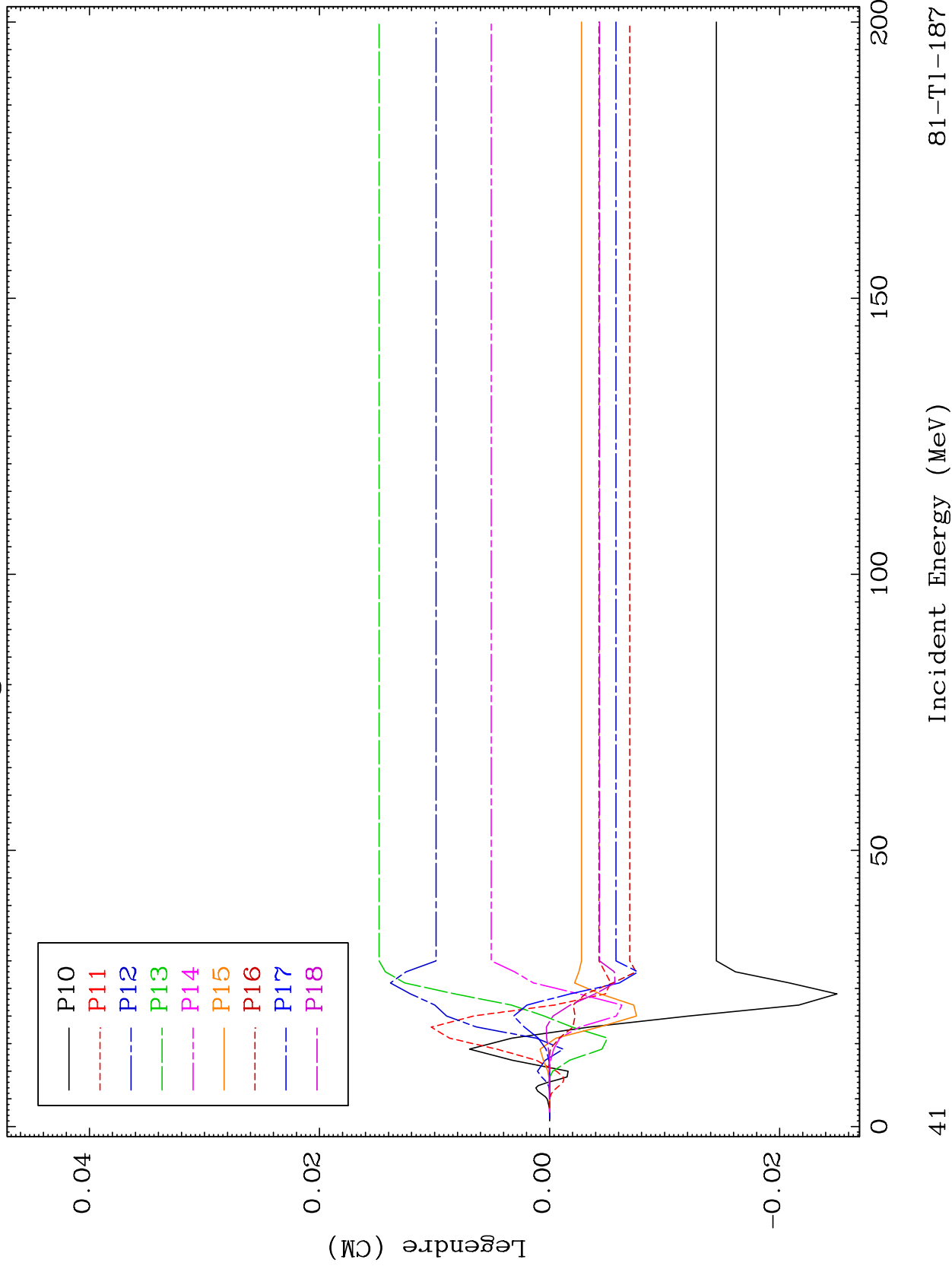
81-Tl-187



MAT 8077

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

81-Tl-187



41

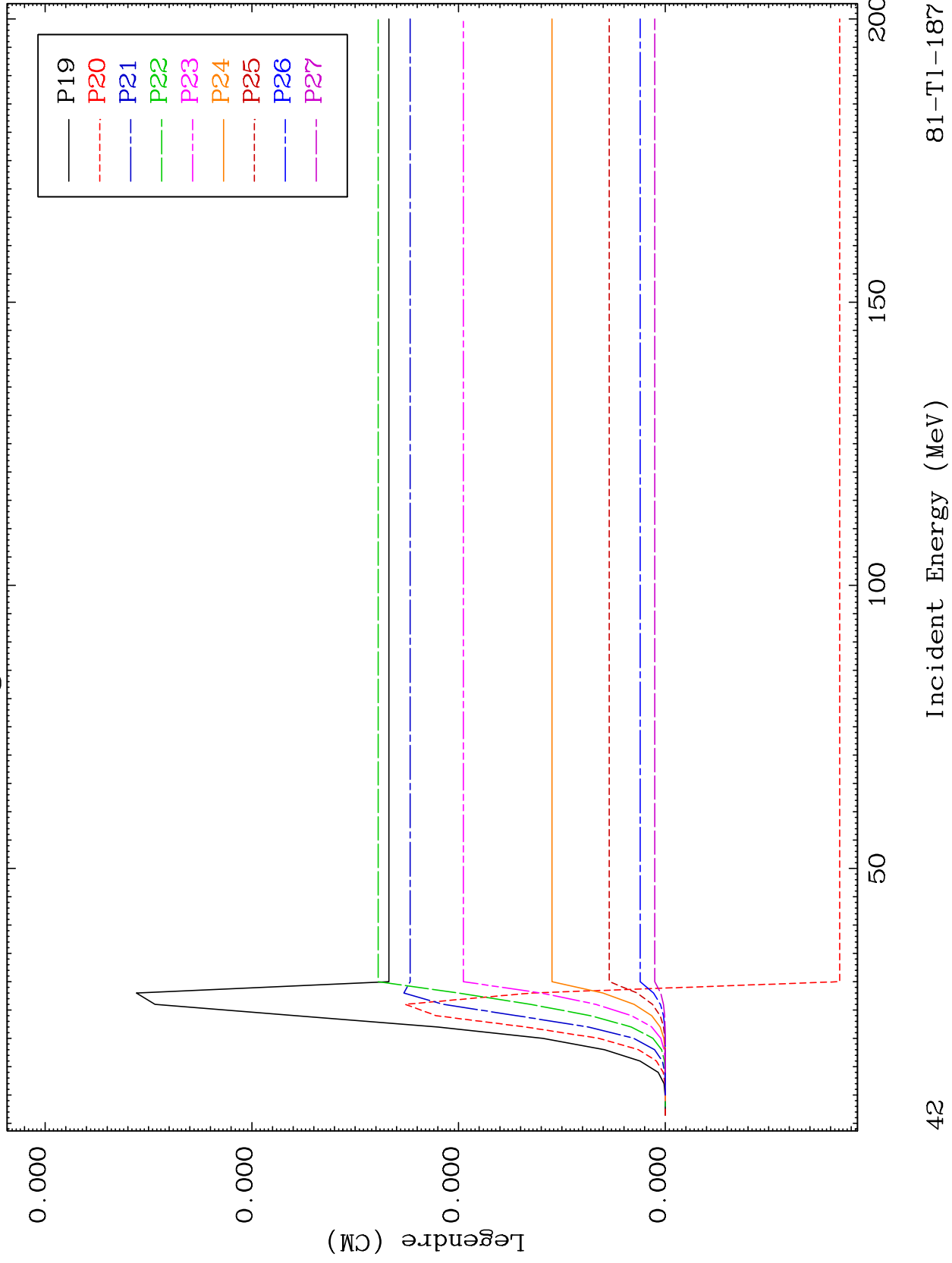
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



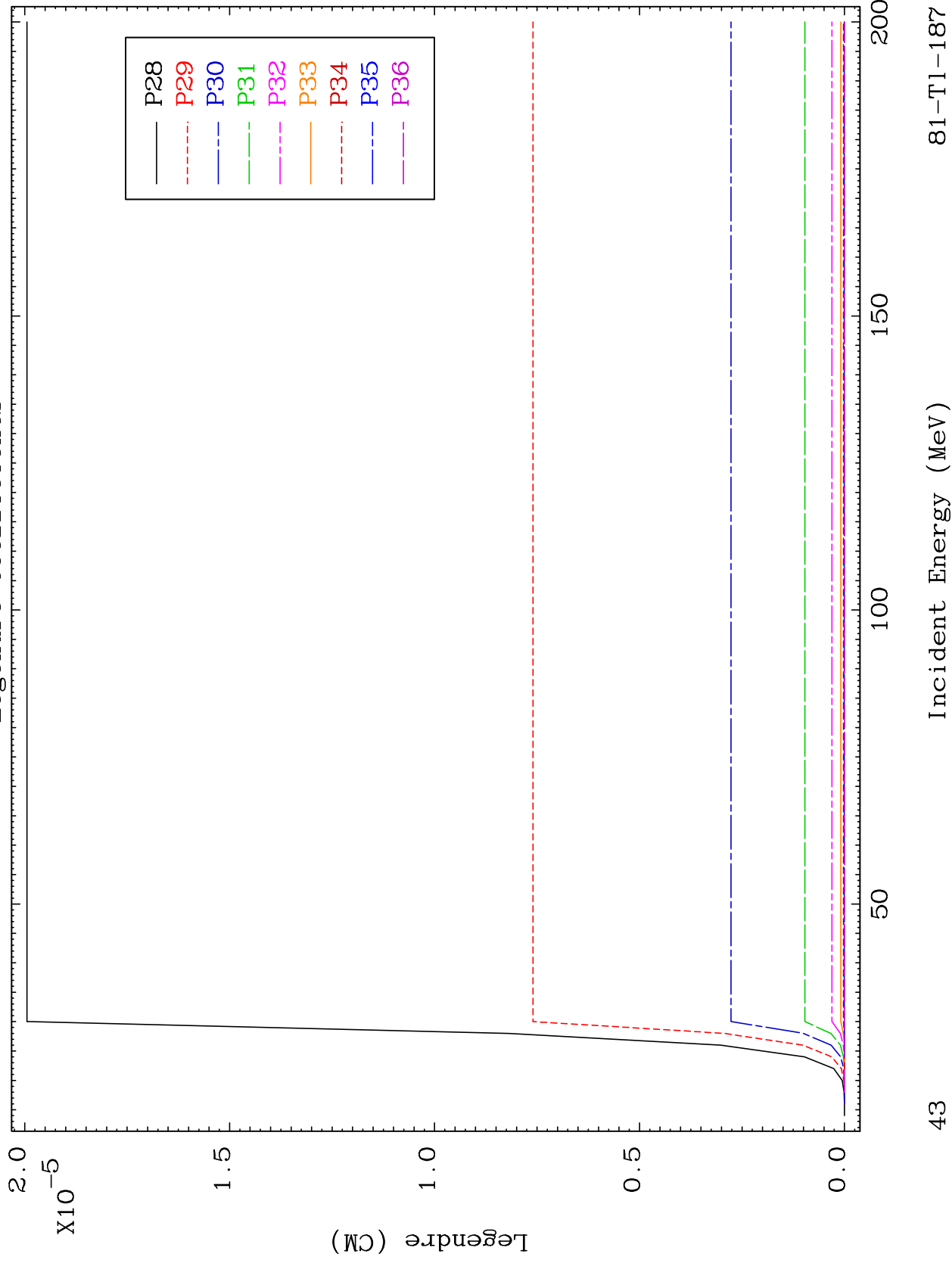
42

81-Tl-187

MAT 80777

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

81-Tl-187

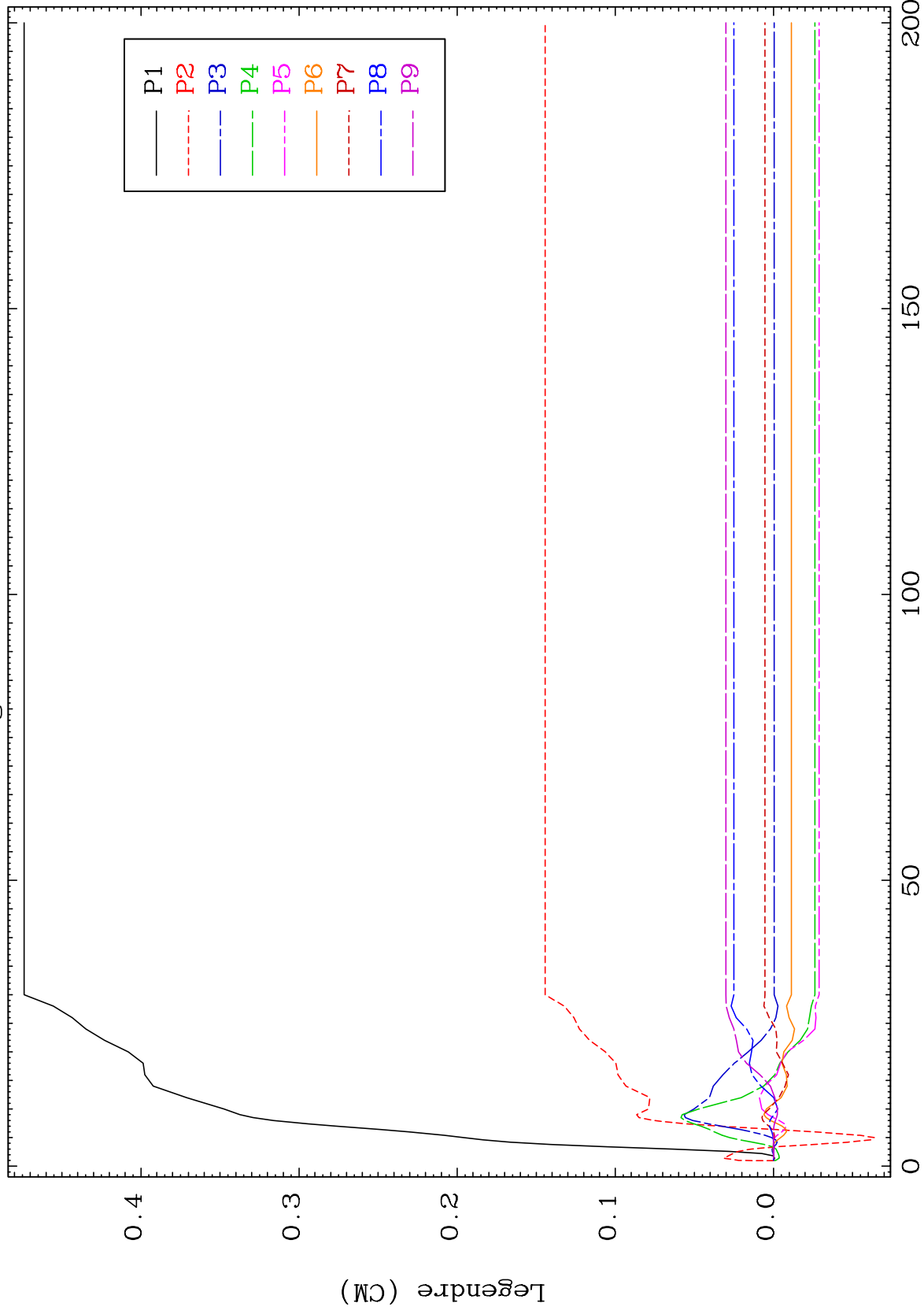


43

MAT 80777

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

81-T1-187



44

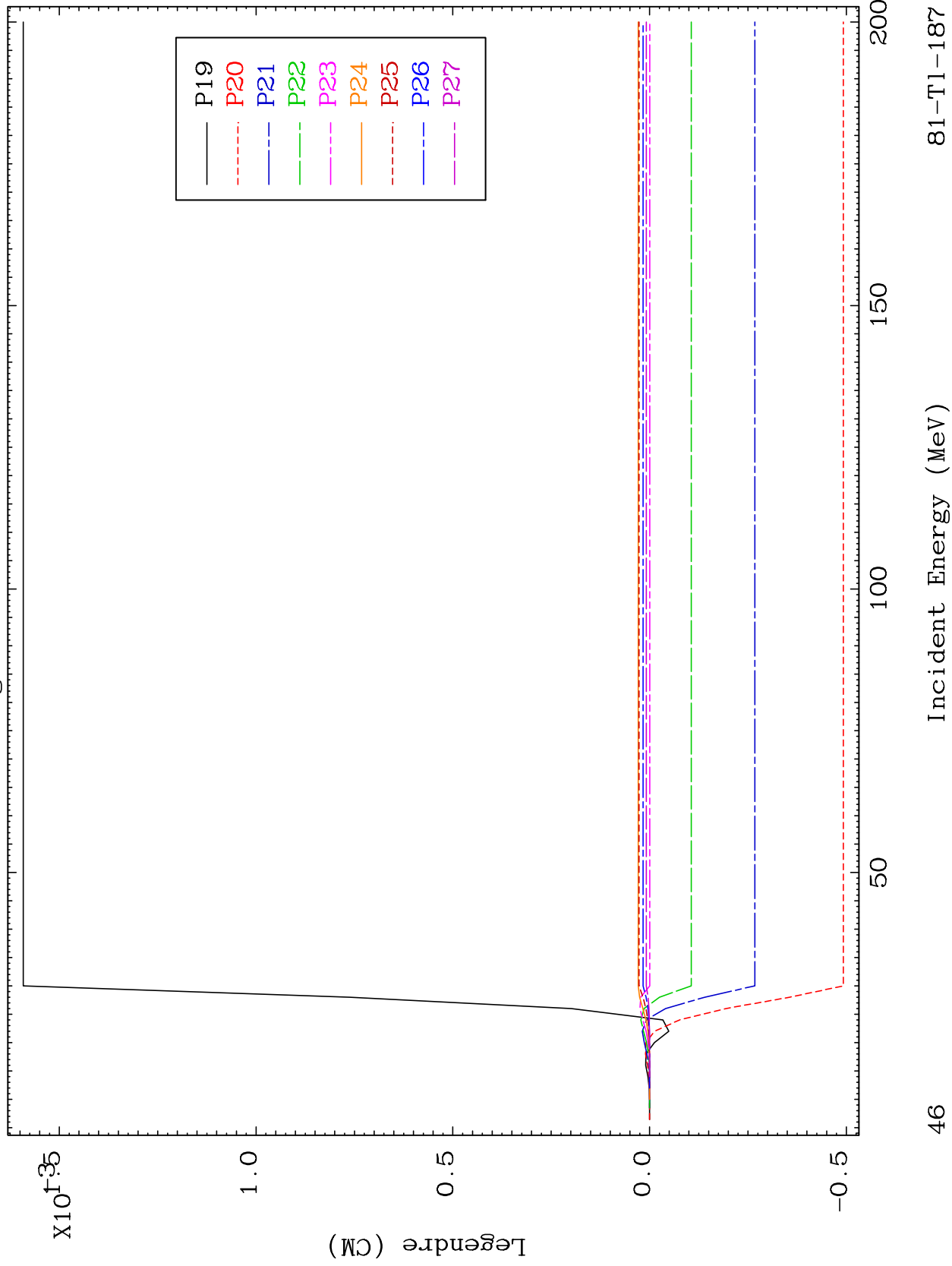
Incident Energy (MeV)

81-T1-187

MAT 8077

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

81-Tl-187



46

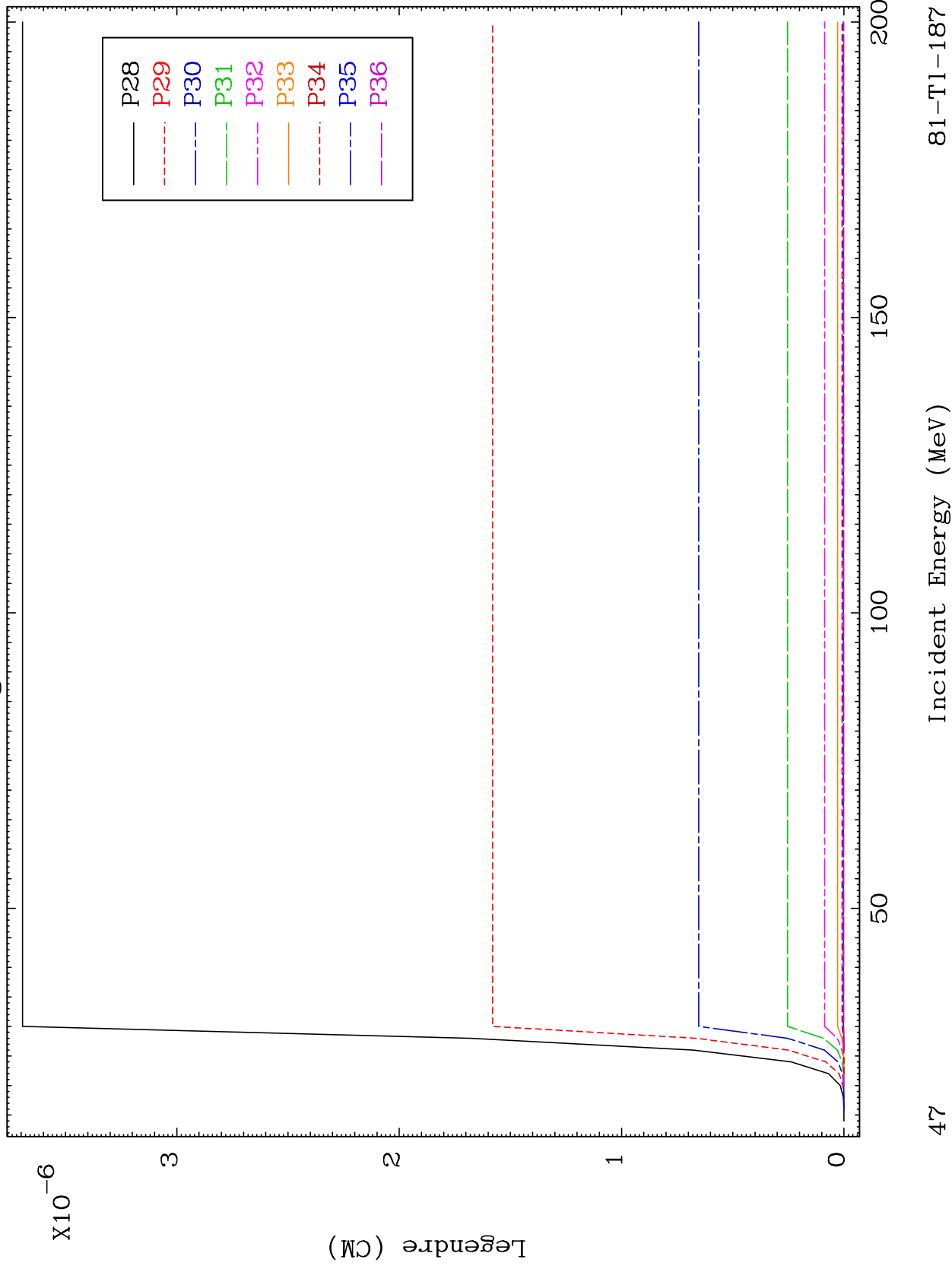
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



47

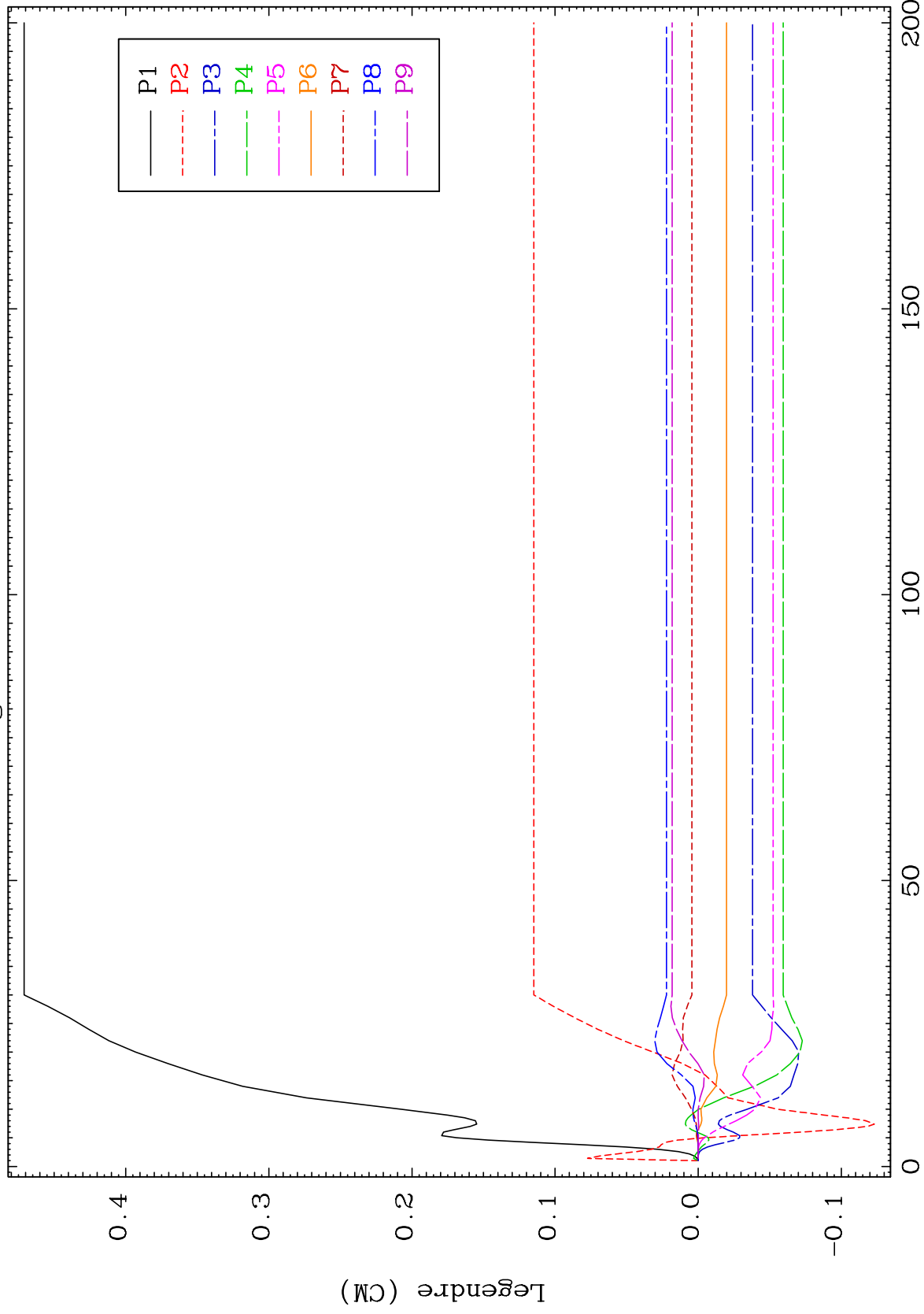
Incident Energy (MeV)

81-Tl-187

MAT 80777

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

81-Tl-187



48

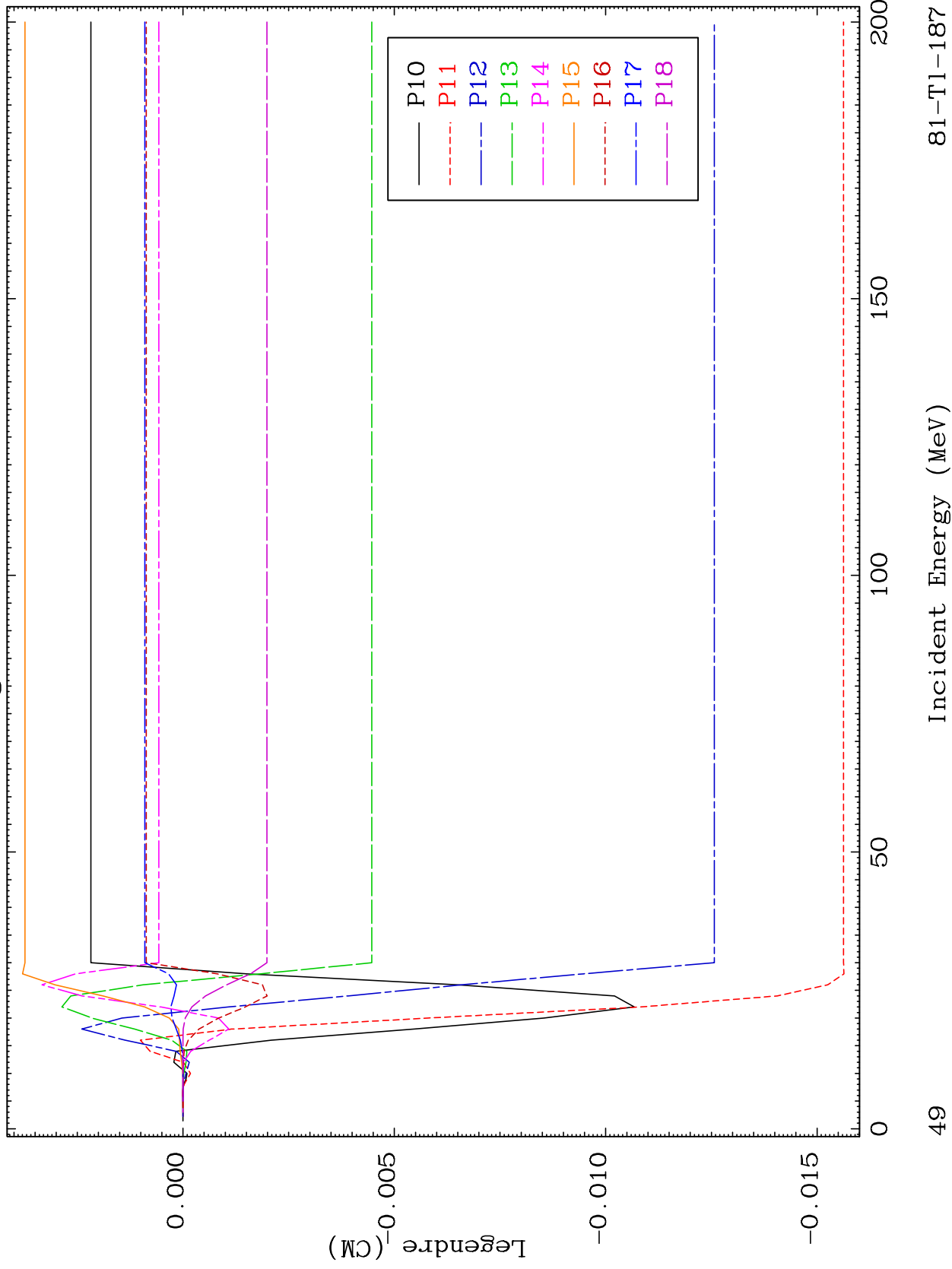
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



49

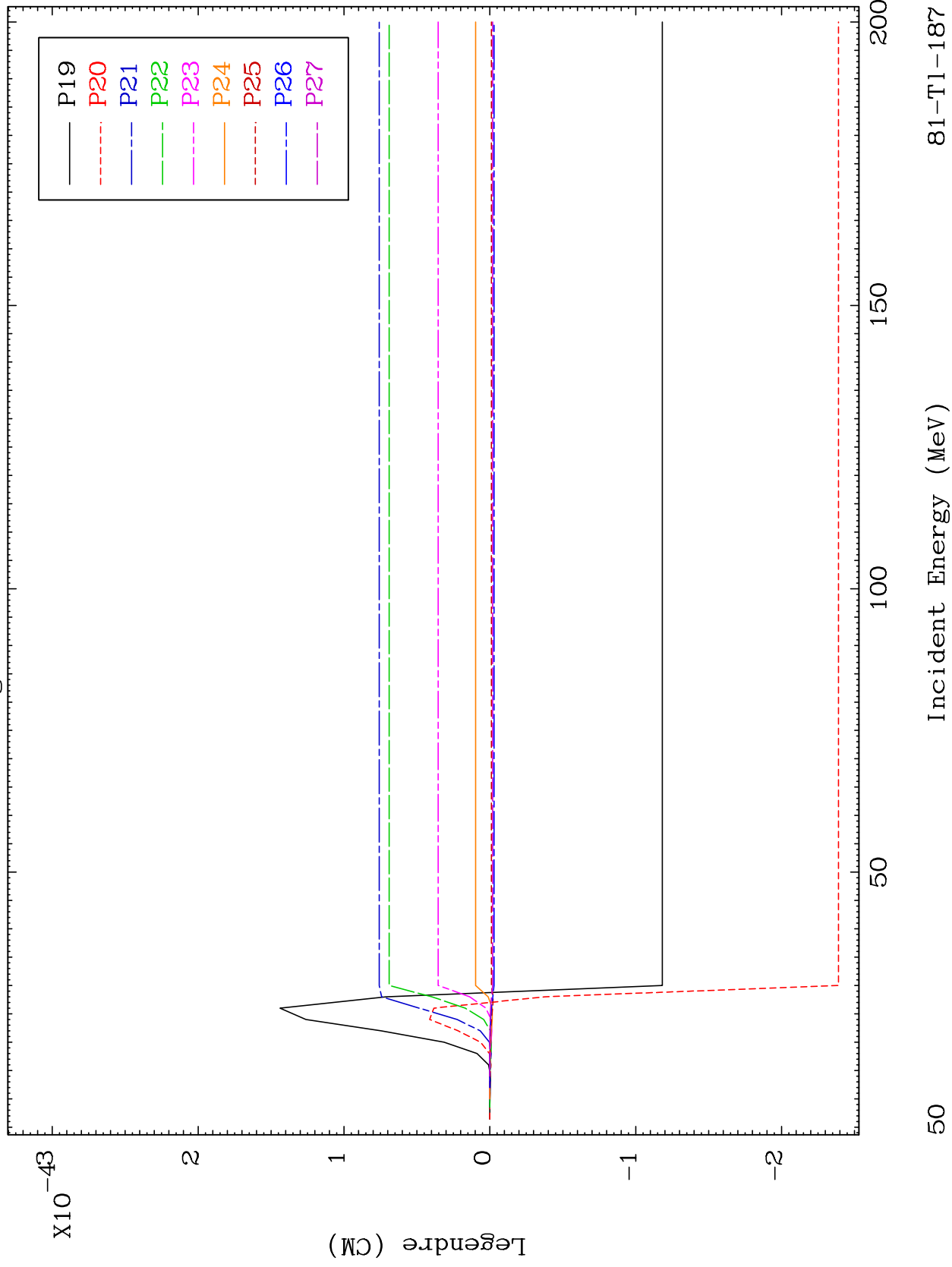
Incident Energy (MeV)

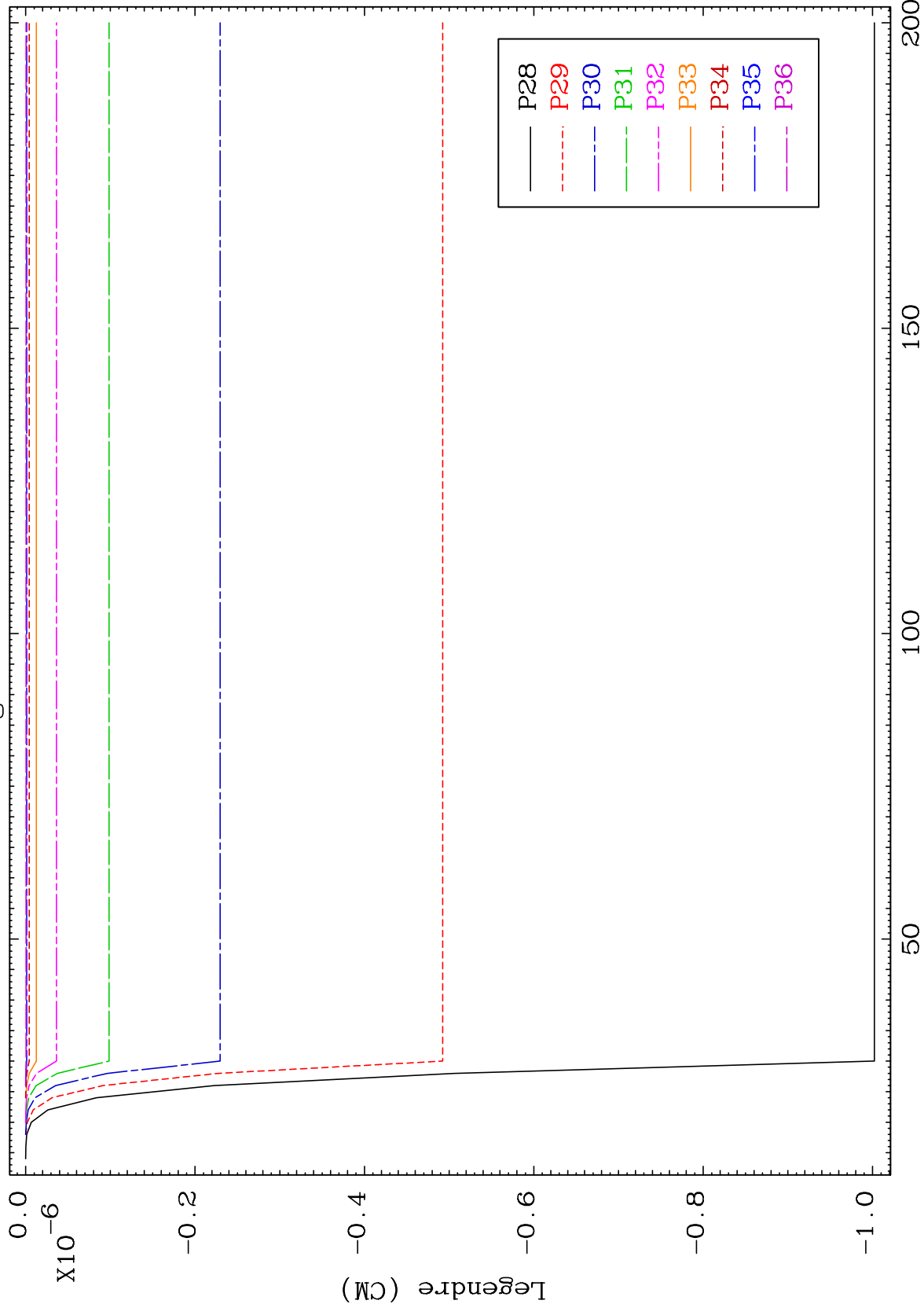
81-Tl-187

MAT 8077

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

81-Tl-187



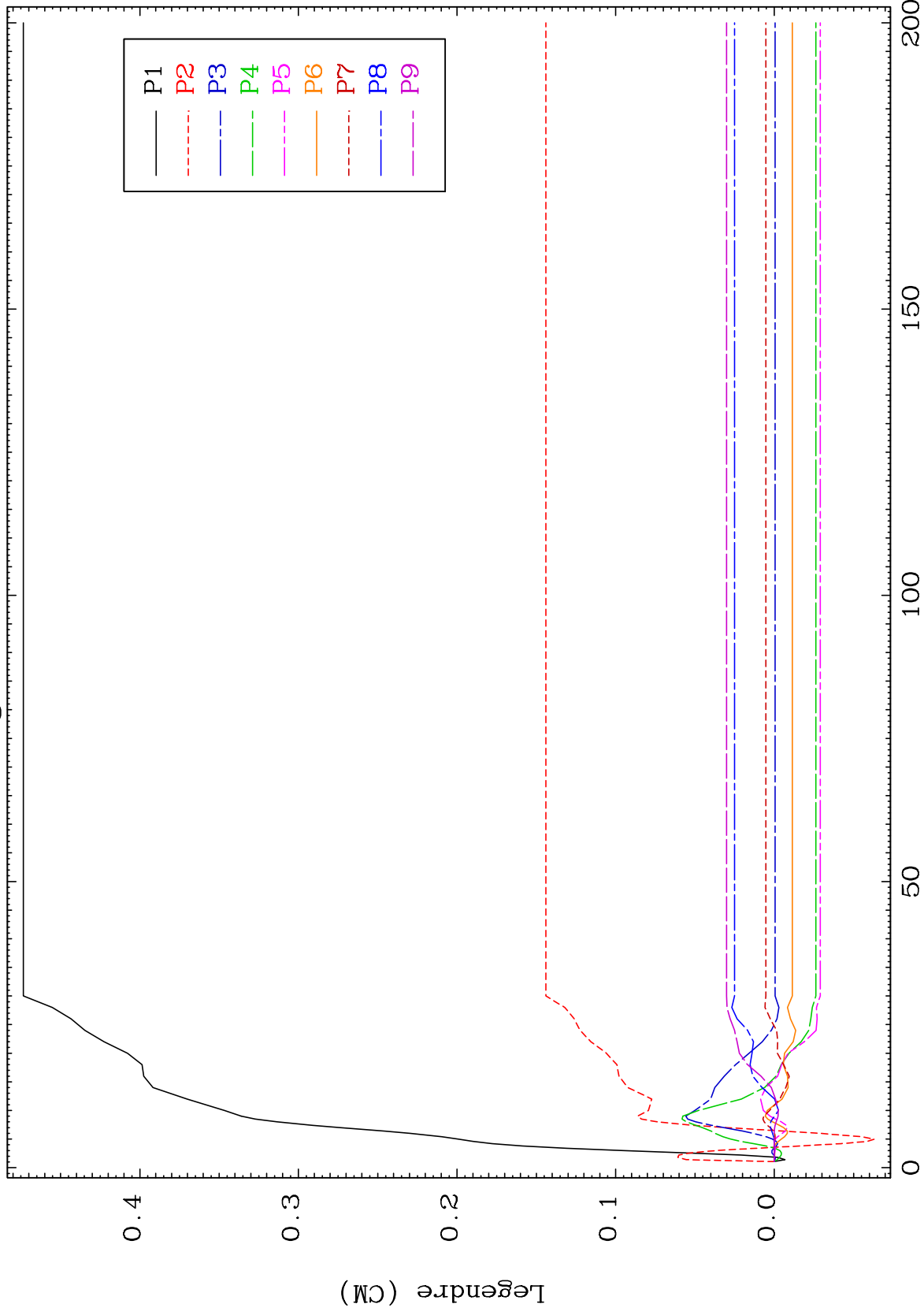


MAT 80777

MT= 59 (n,n') Level

81-Tl-187

Legendre Coefficients



52

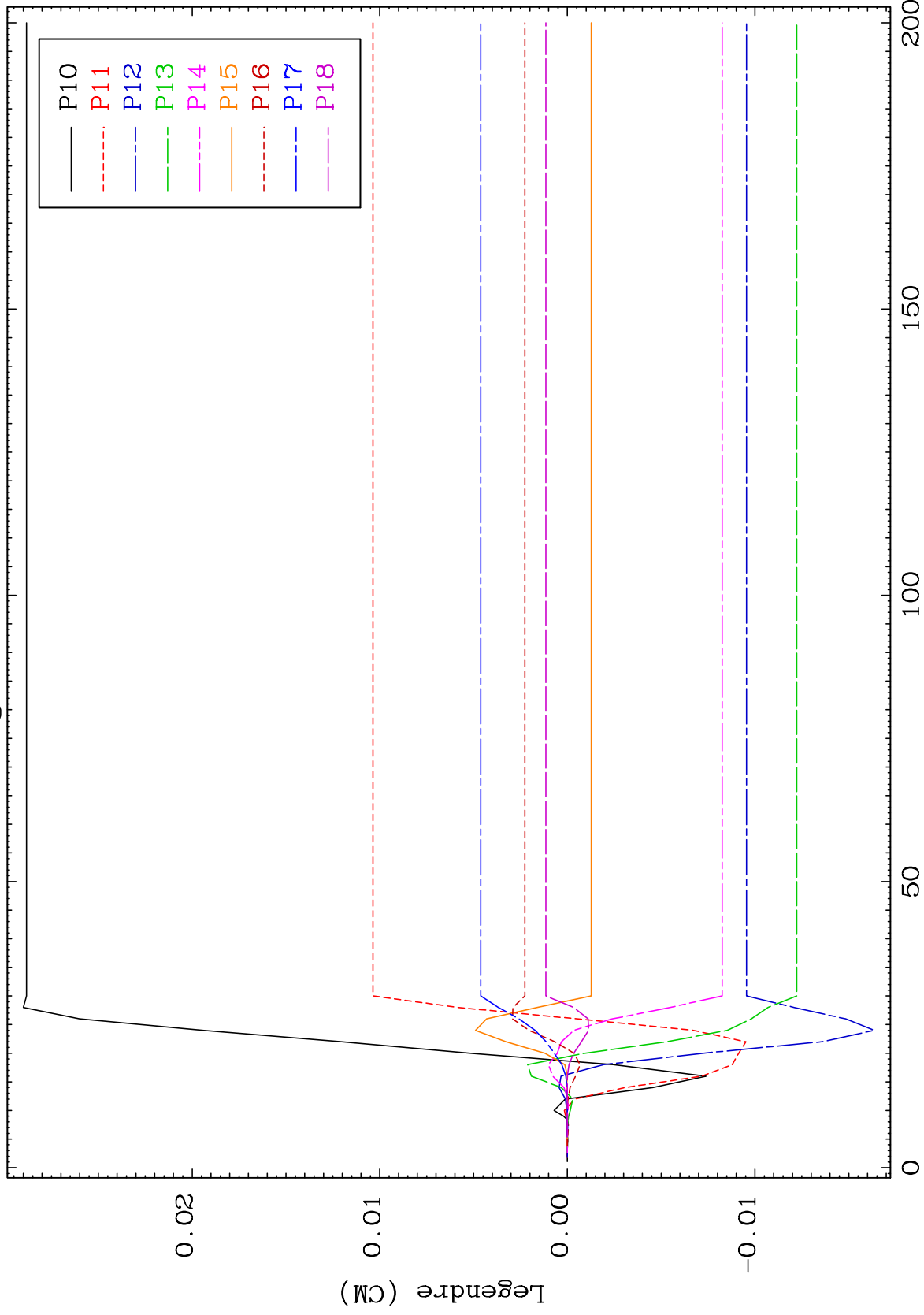
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



53

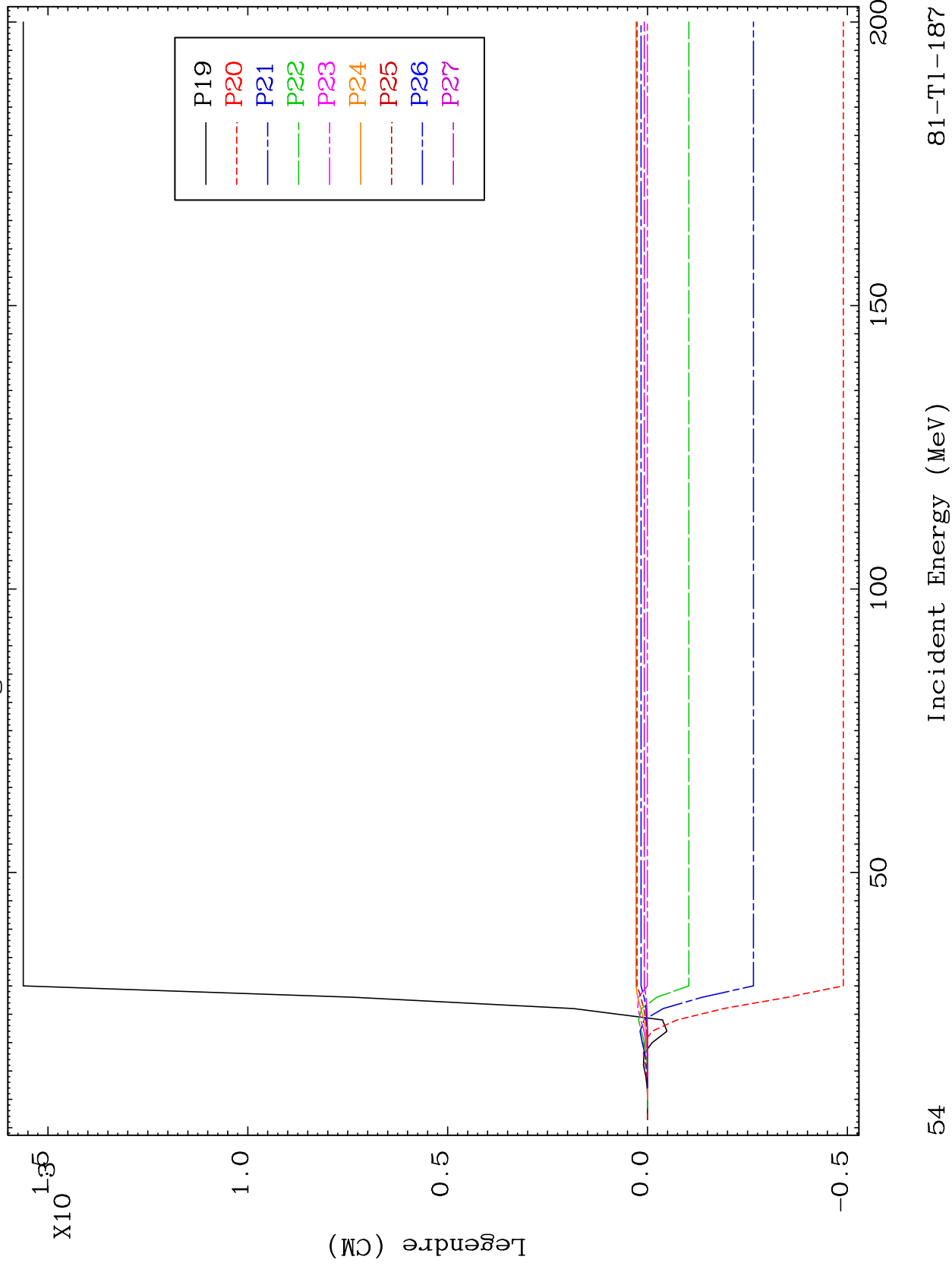
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



54

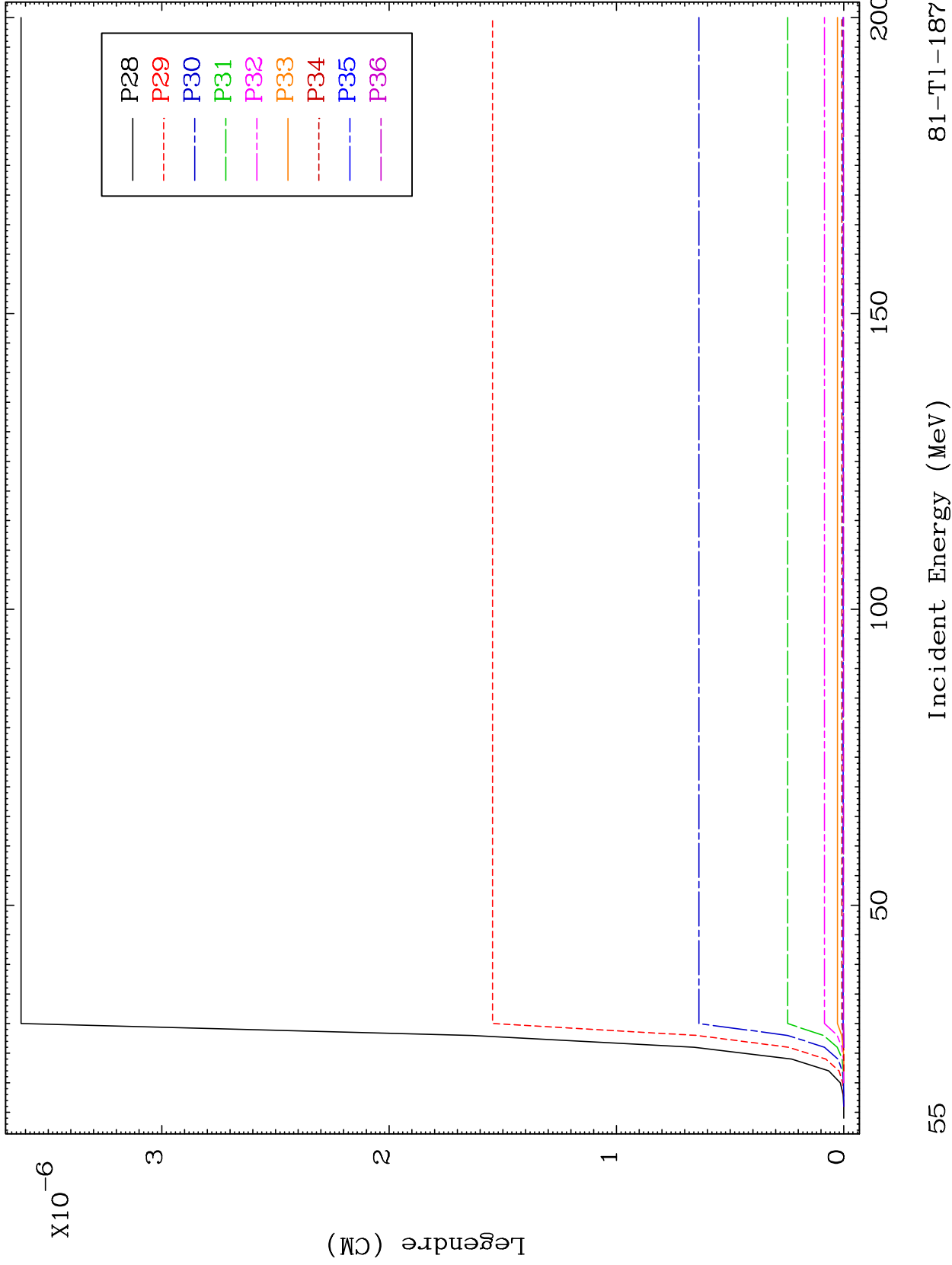
Incident Energy (MeV)

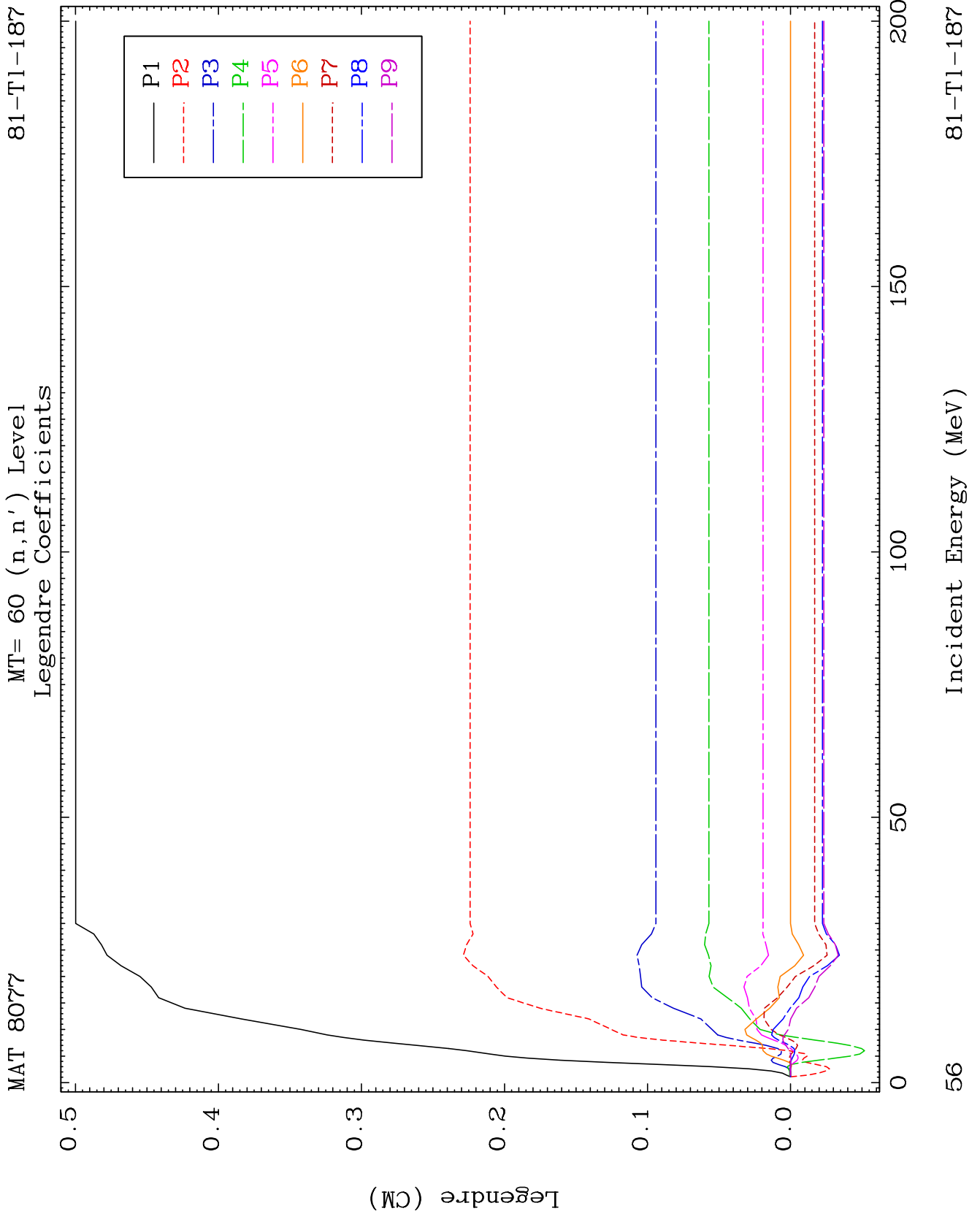
81-Tl-187

MAT 8077

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

81-Tl-187

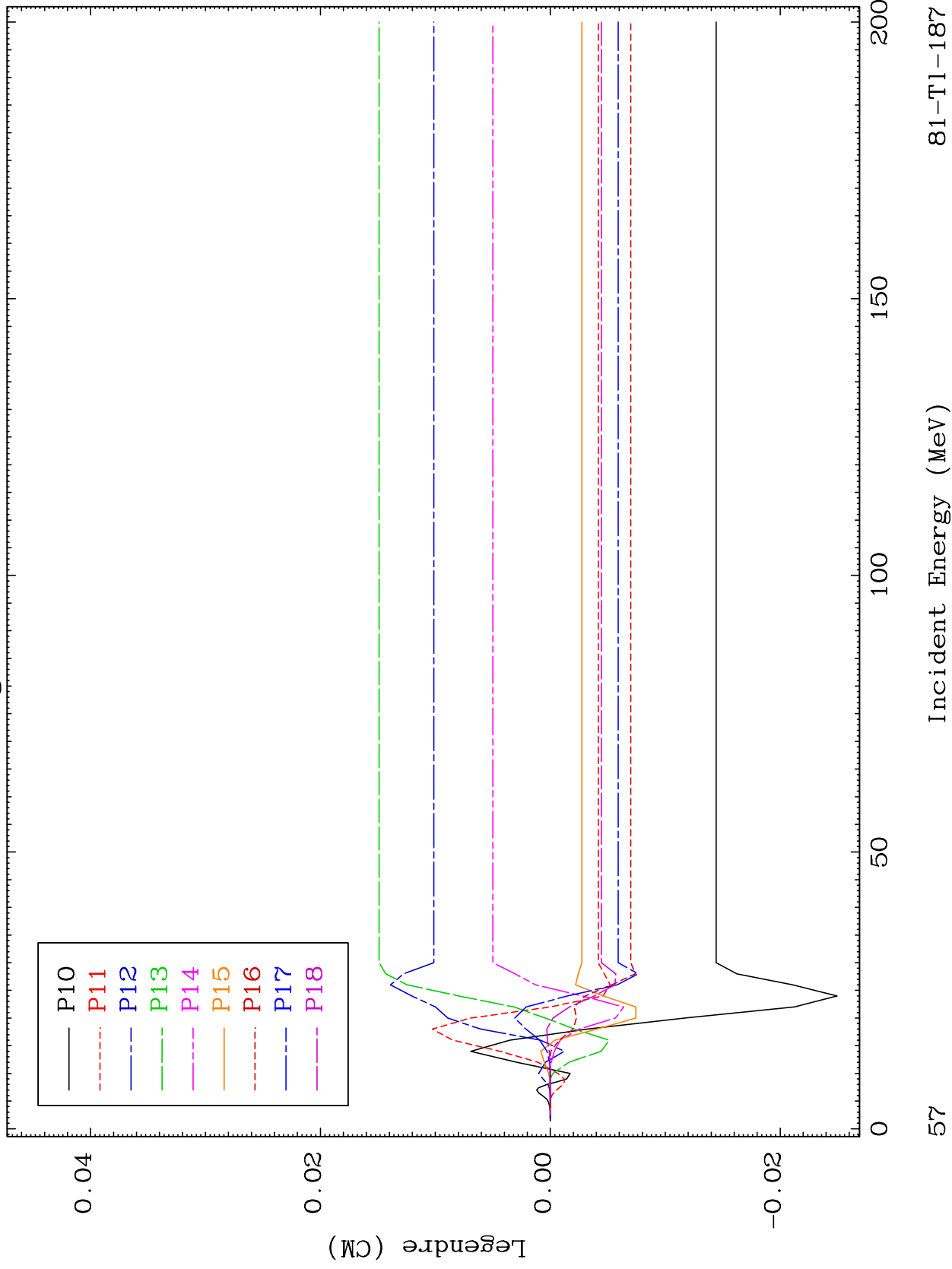




MAT 8077

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

81-Tl-187



81-Tl-187

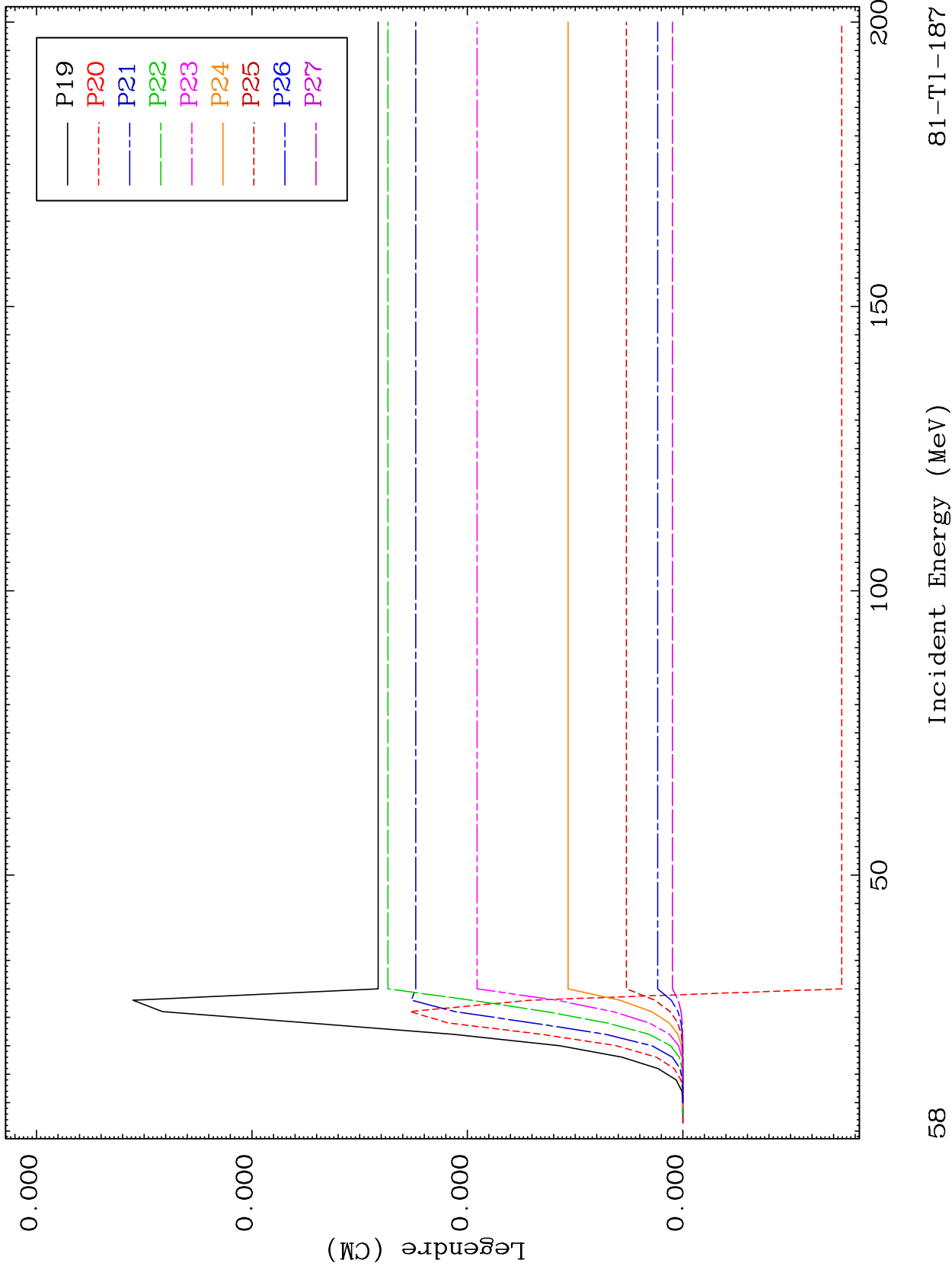
Incident Energy (MeV)

57

MAT 8077

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

81-Tl-187



58

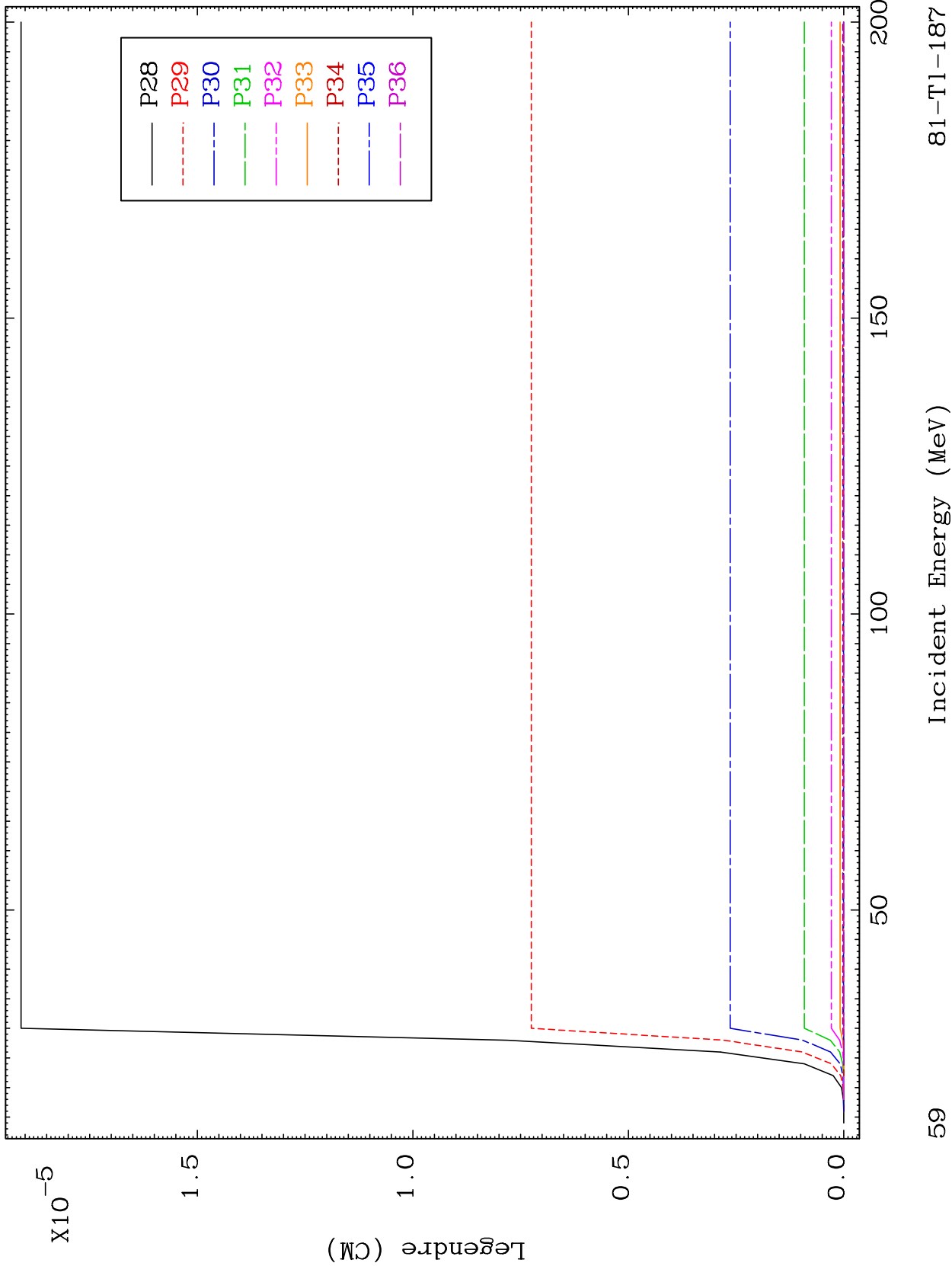
Incident Energy (MeV)

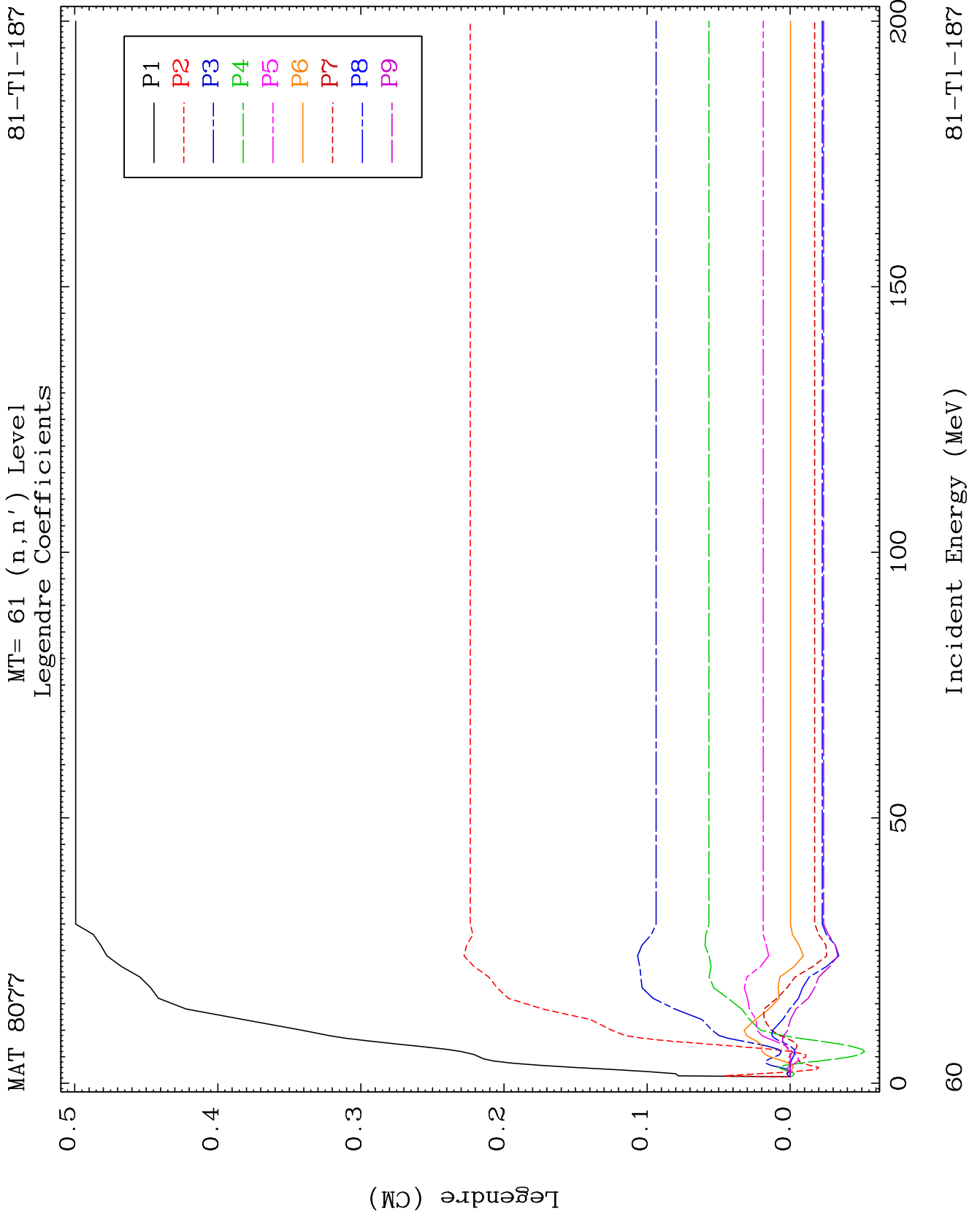
81-Tl-187

MAT 8077

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

81-Tl-187

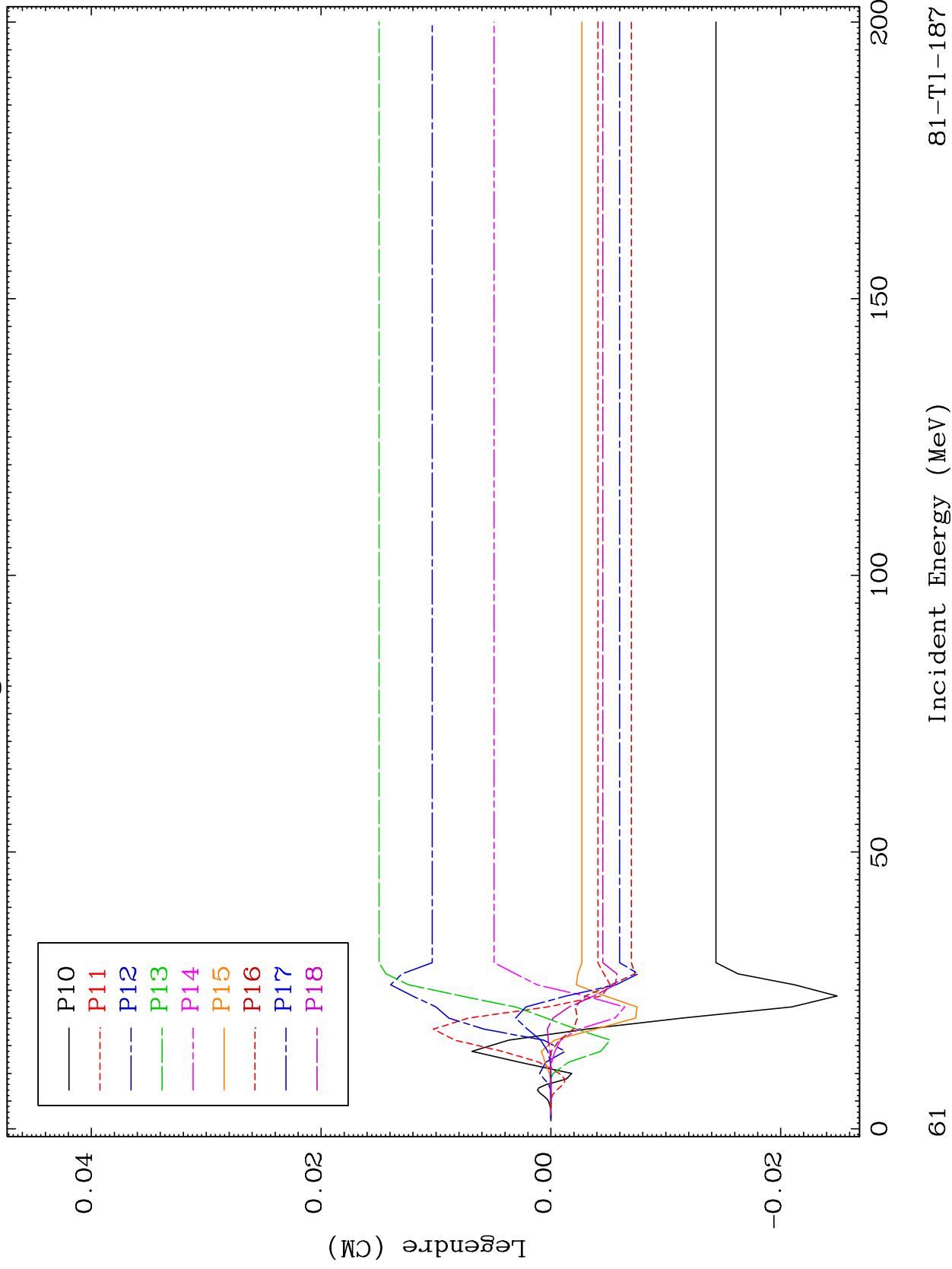




MAT 8077

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

81-Tl-187



81-Tl-187

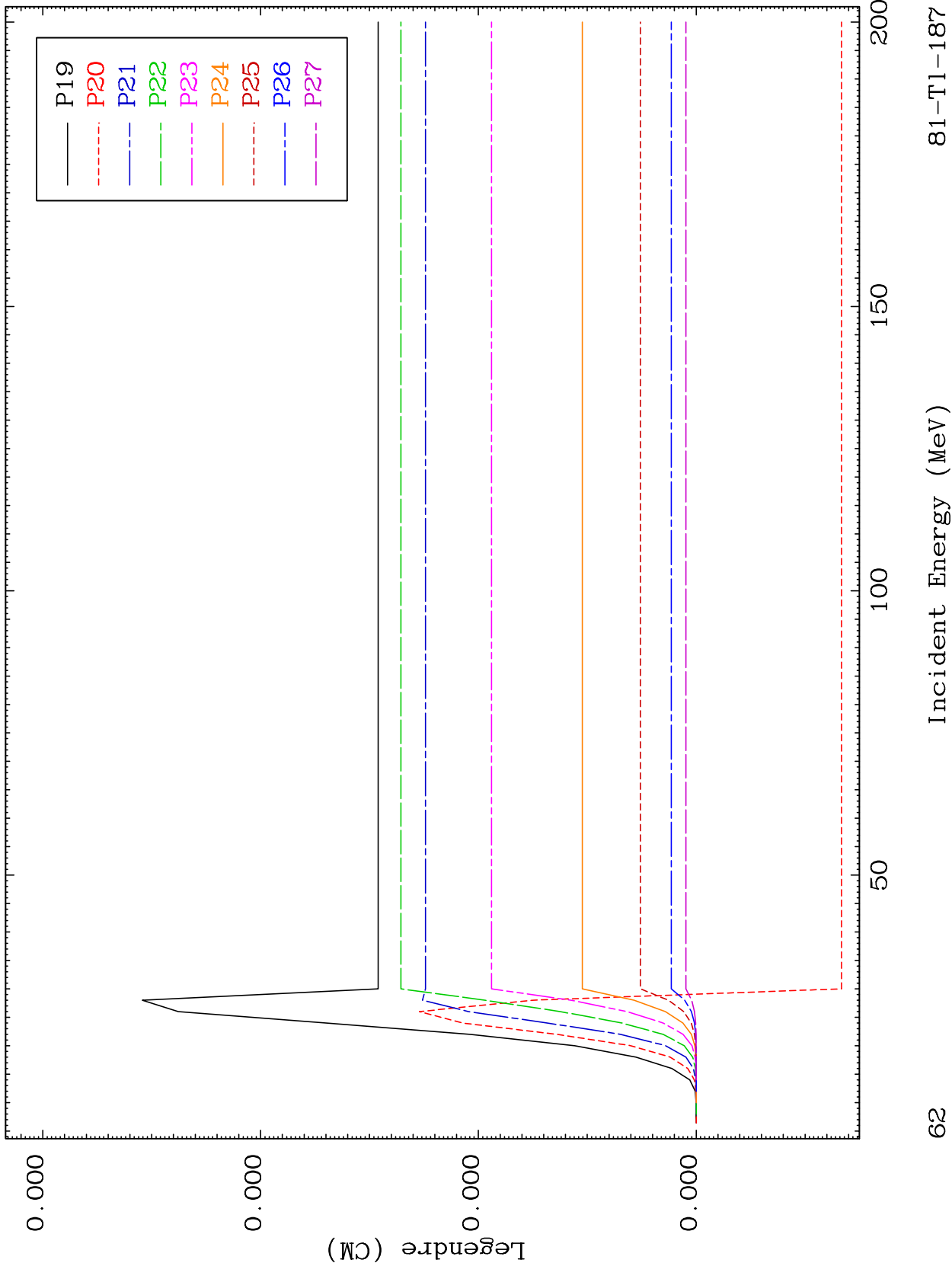
Incident Energy (MeV)

61

MAT 8077

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

81-Tl-187



62

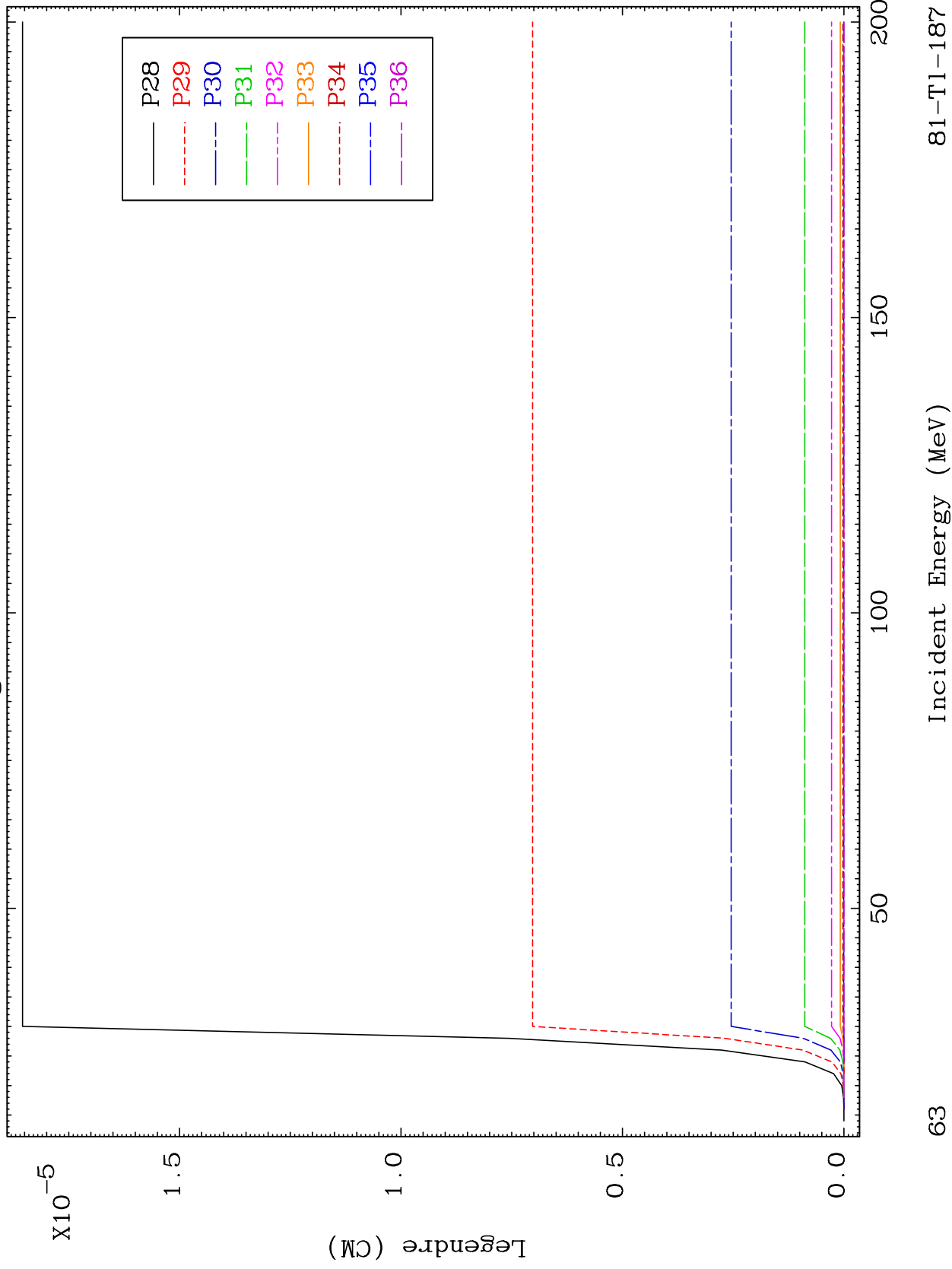
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

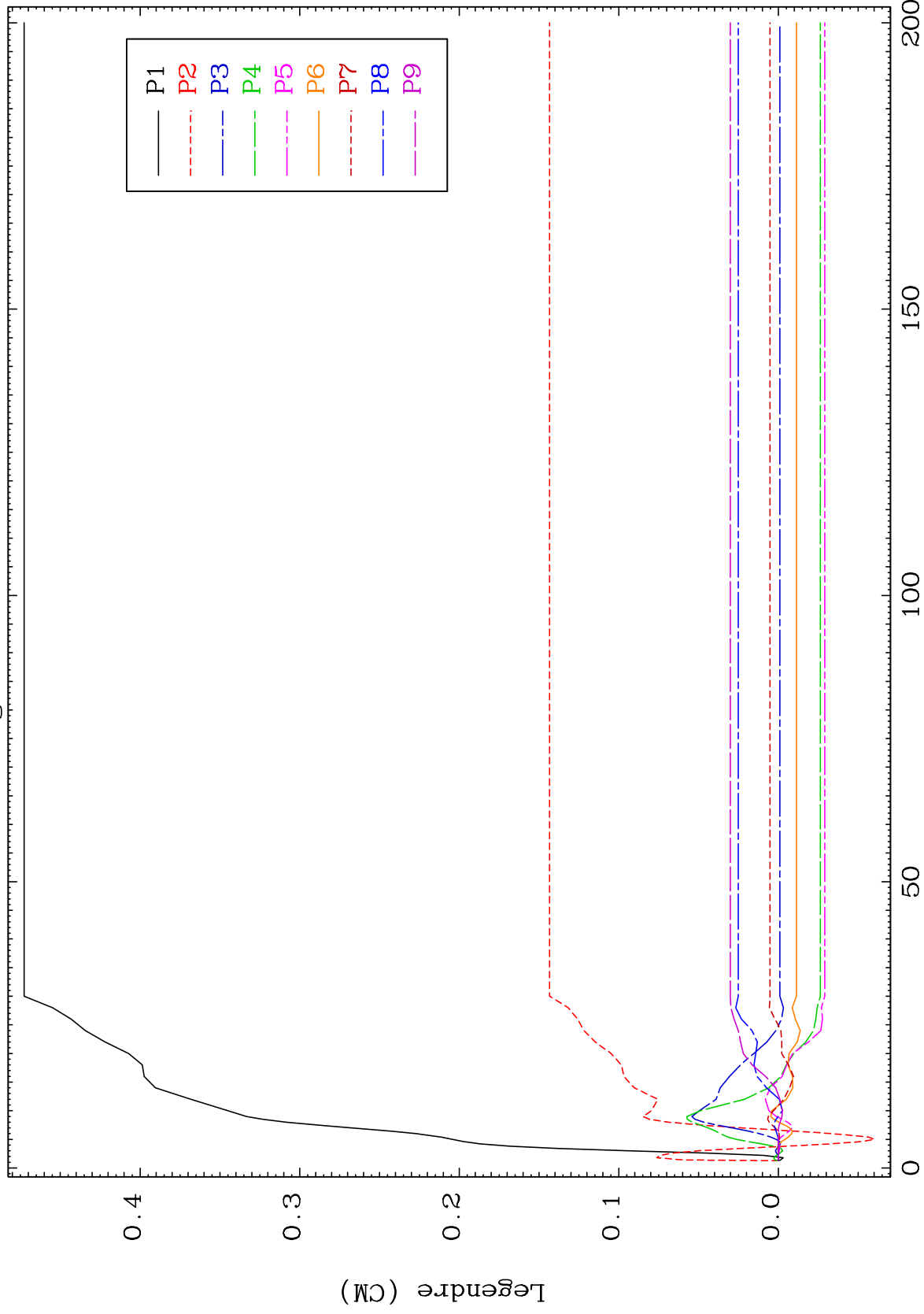
81-Tl-187



MAT 8077

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

81-Tl-187



64

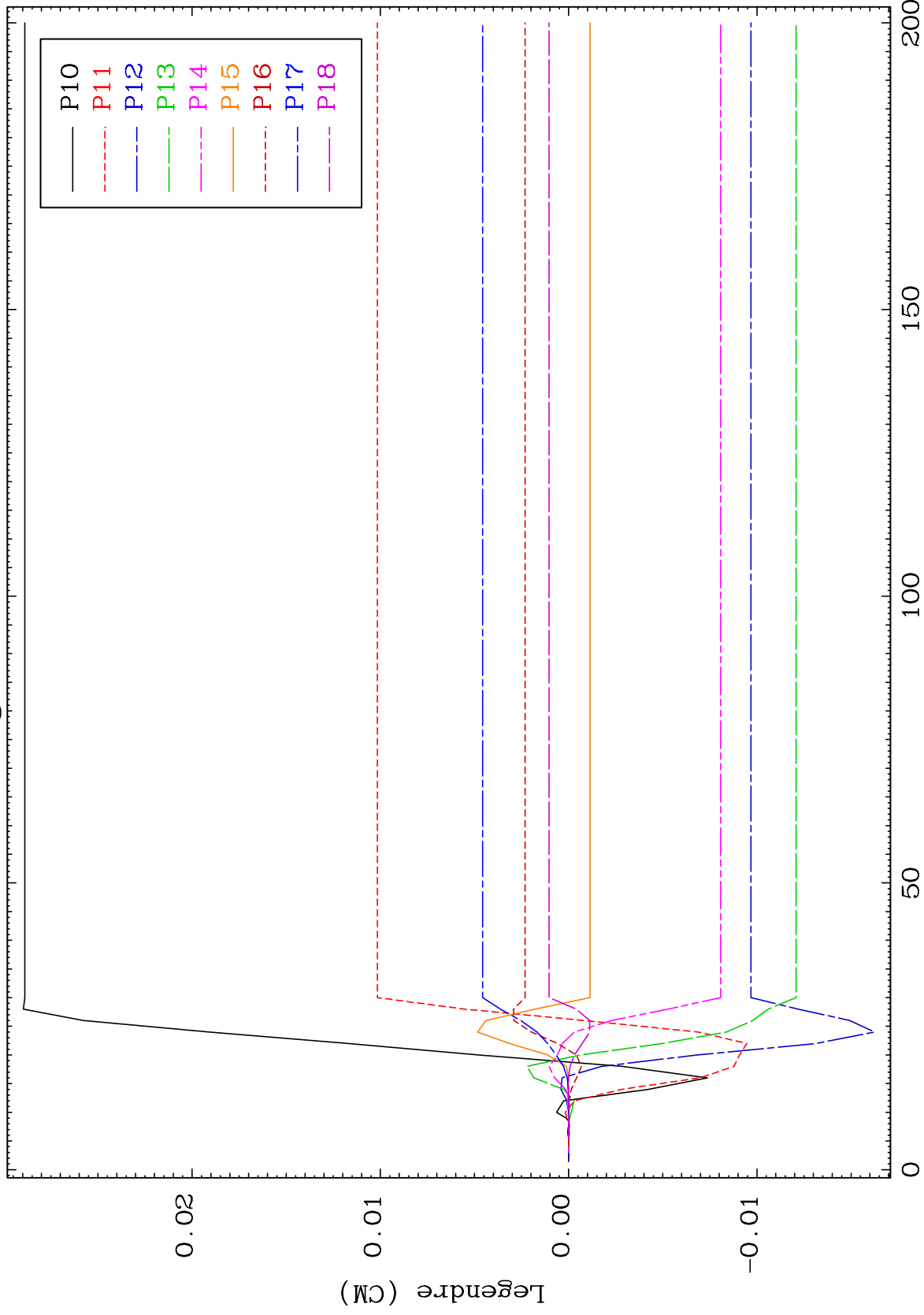
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

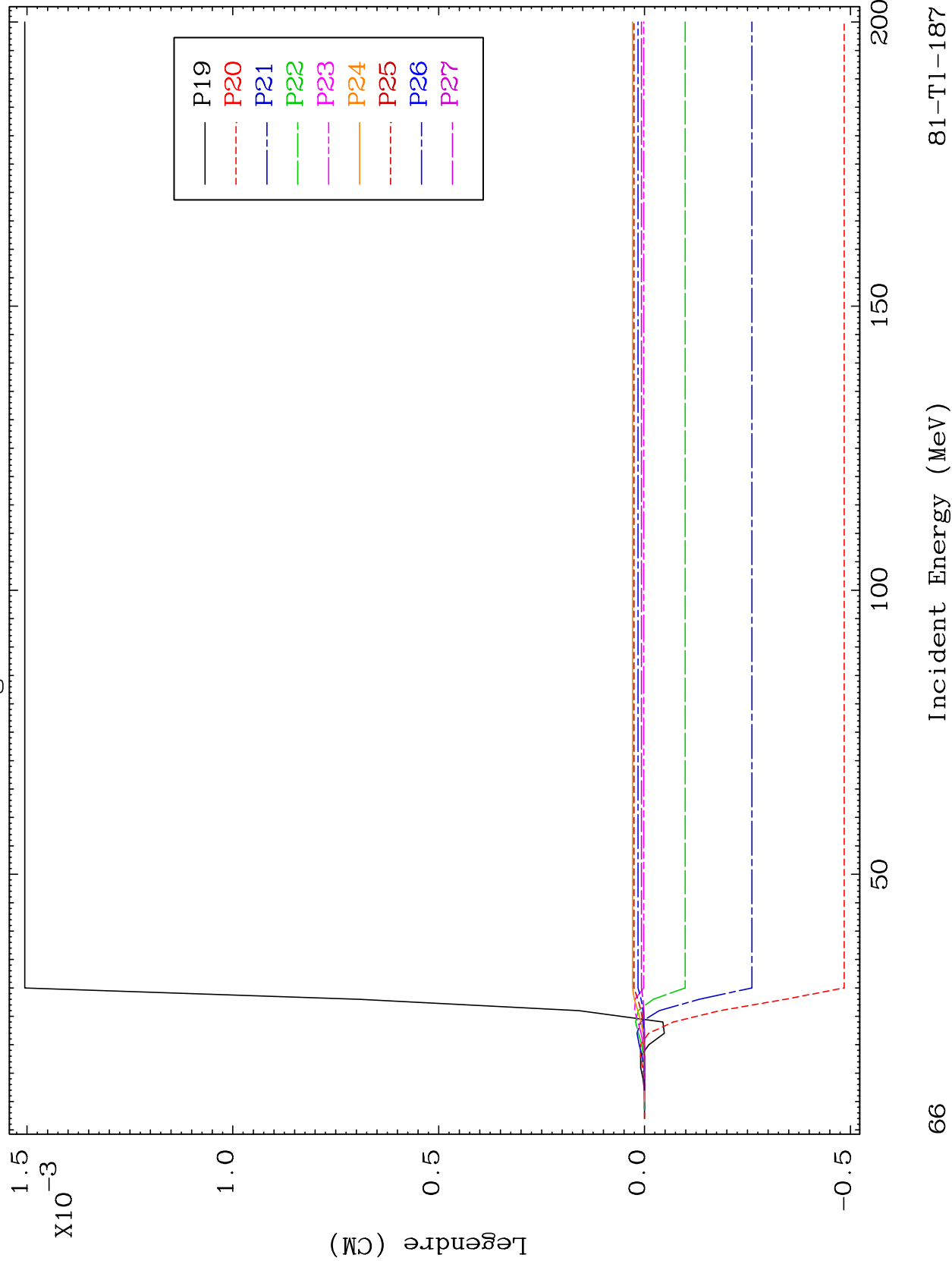
81-T1-187



81-T1-187

Incident Energy (MeV)

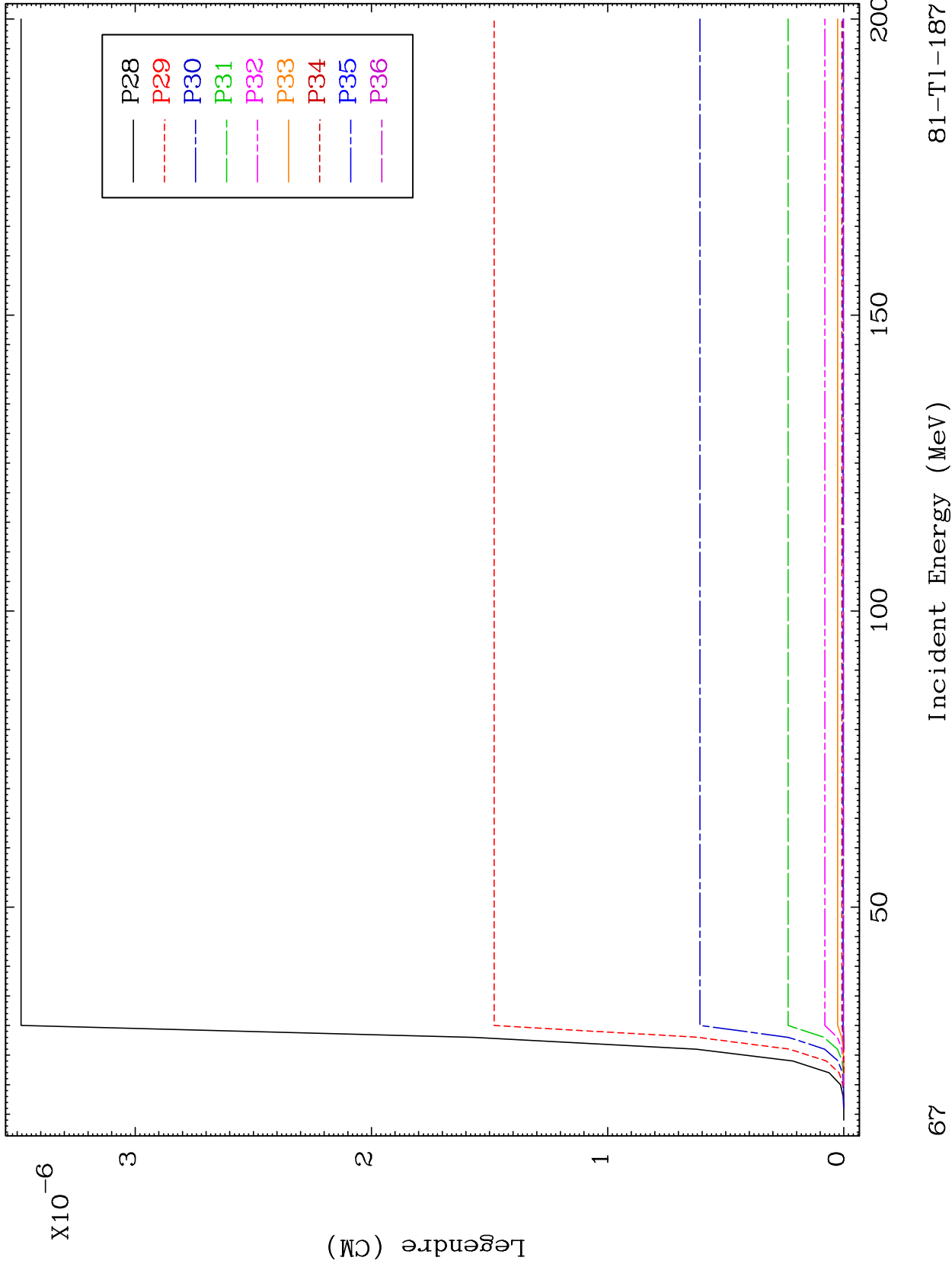
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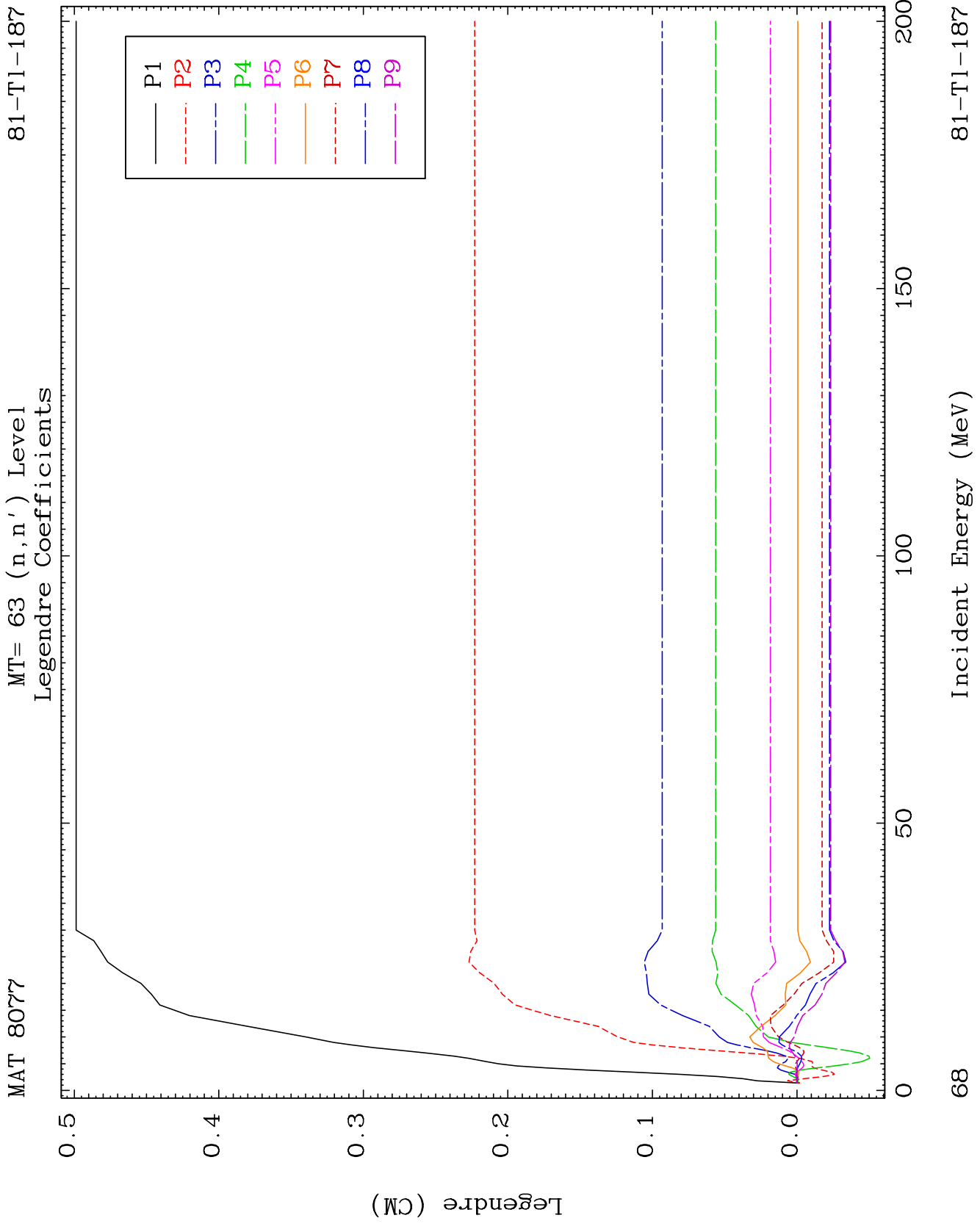


MAT 8077

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

81-Tl-187

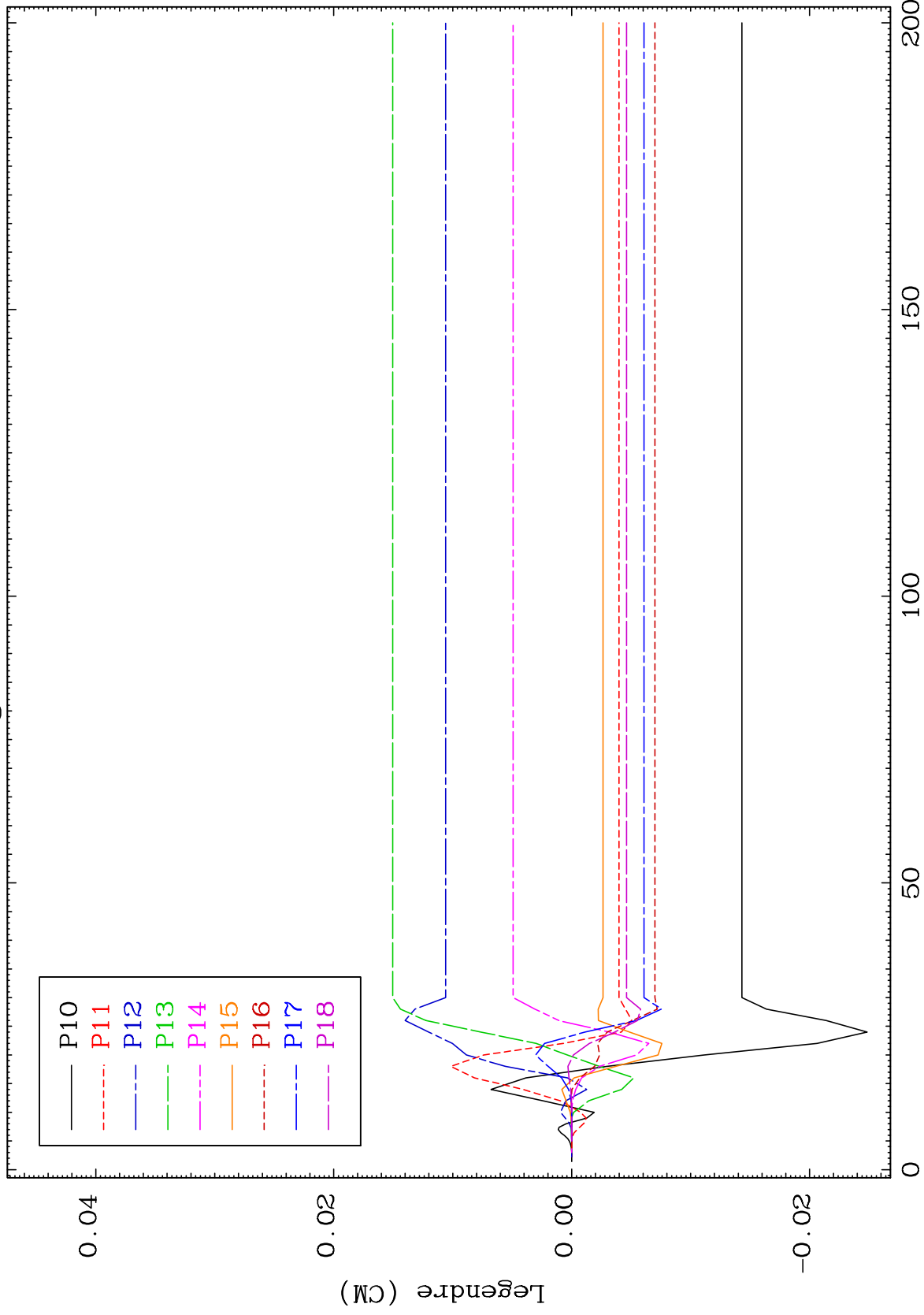




MAT 8077

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

81-Tl-187



69

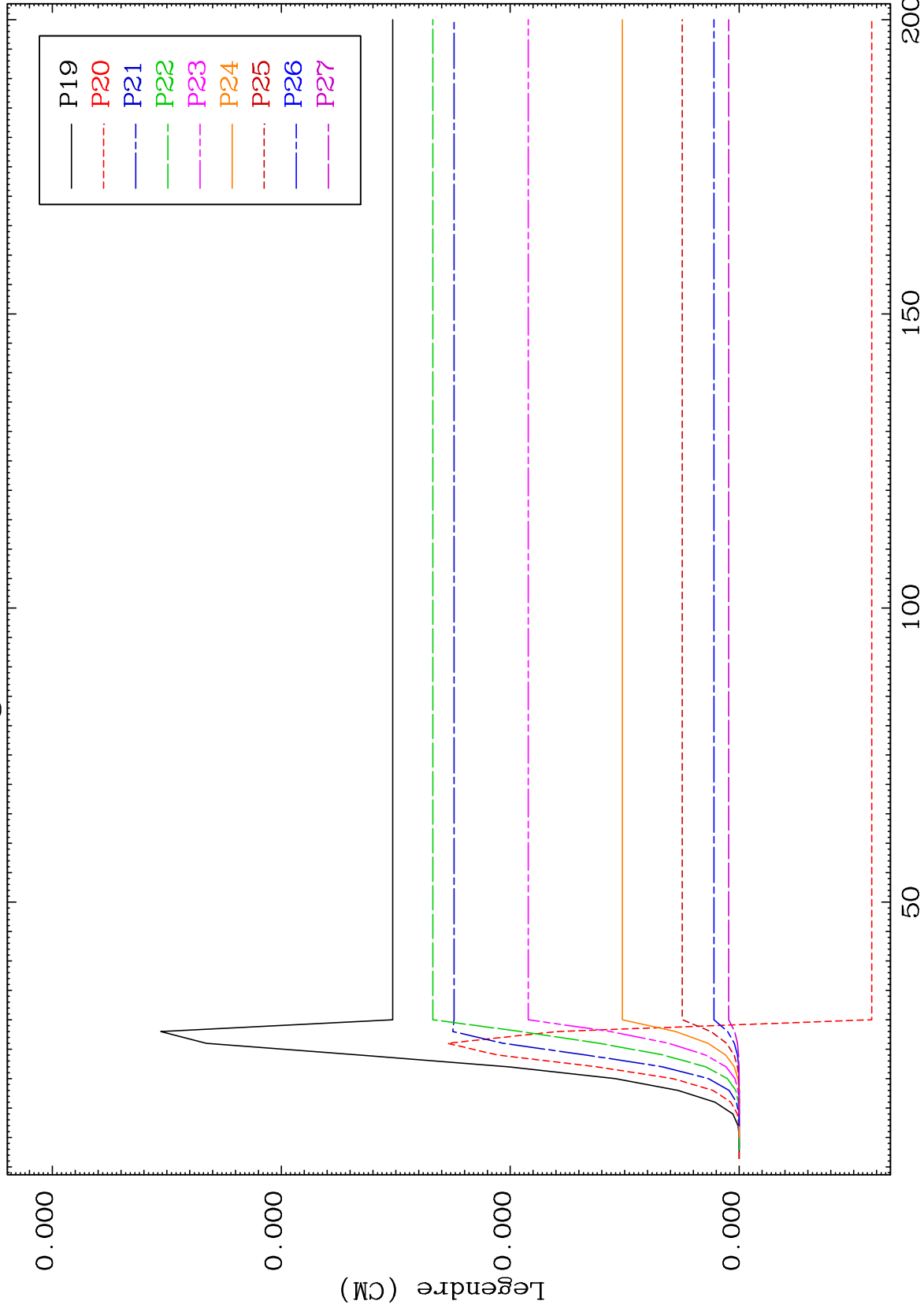
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-T1-187



70

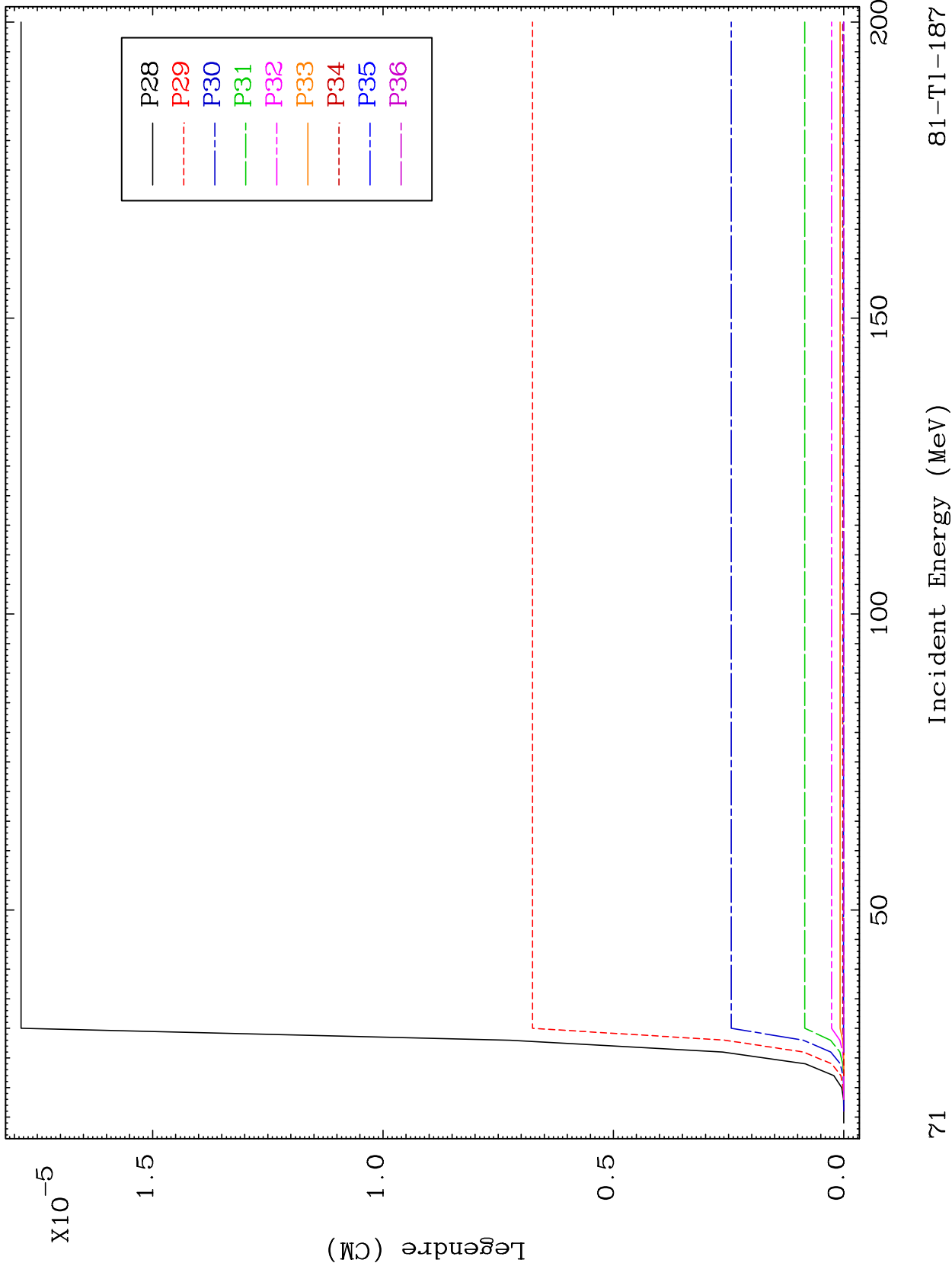
Incident Energy (MeV)

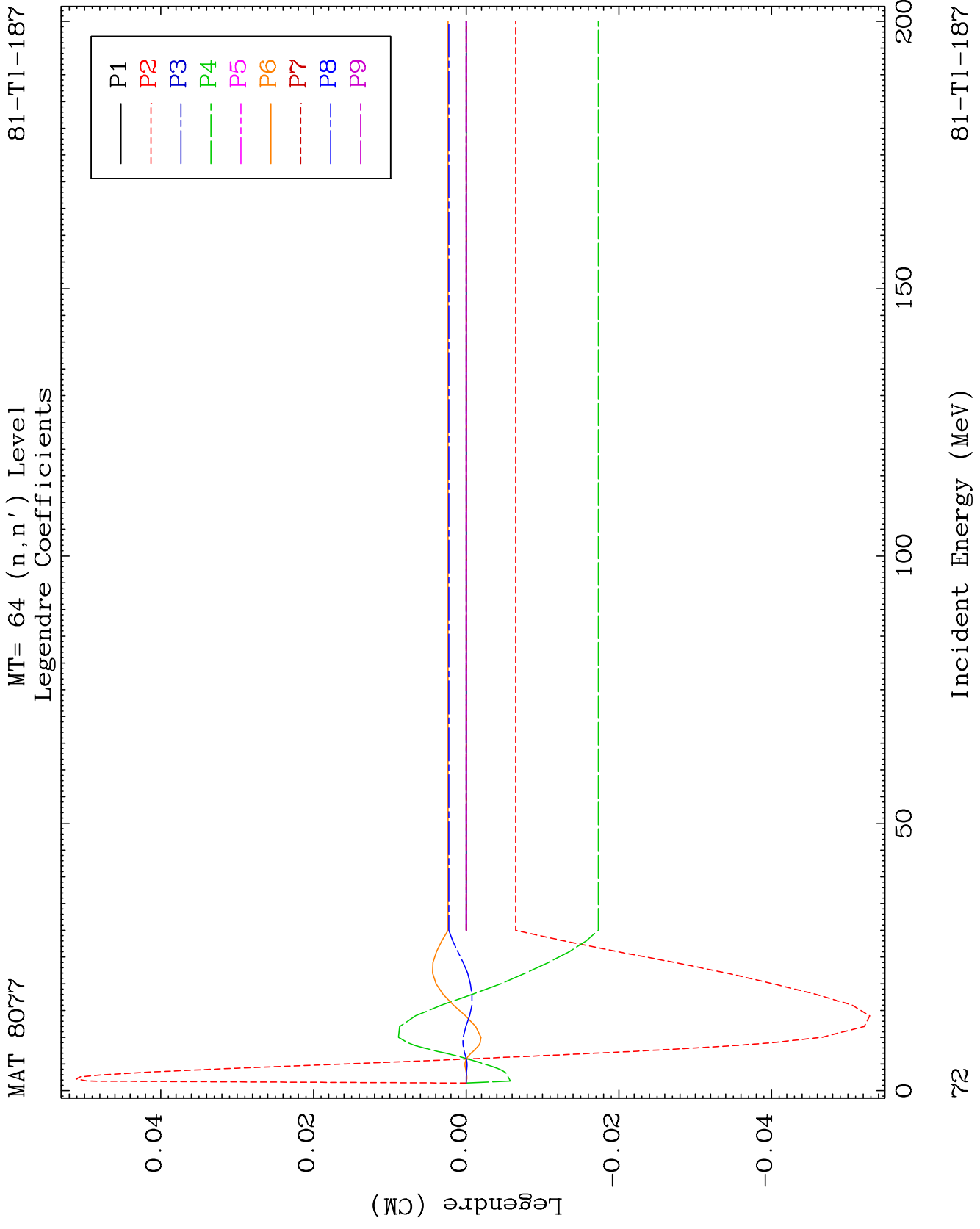
81-T1-187

MAT 8077

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

81-Tl-187

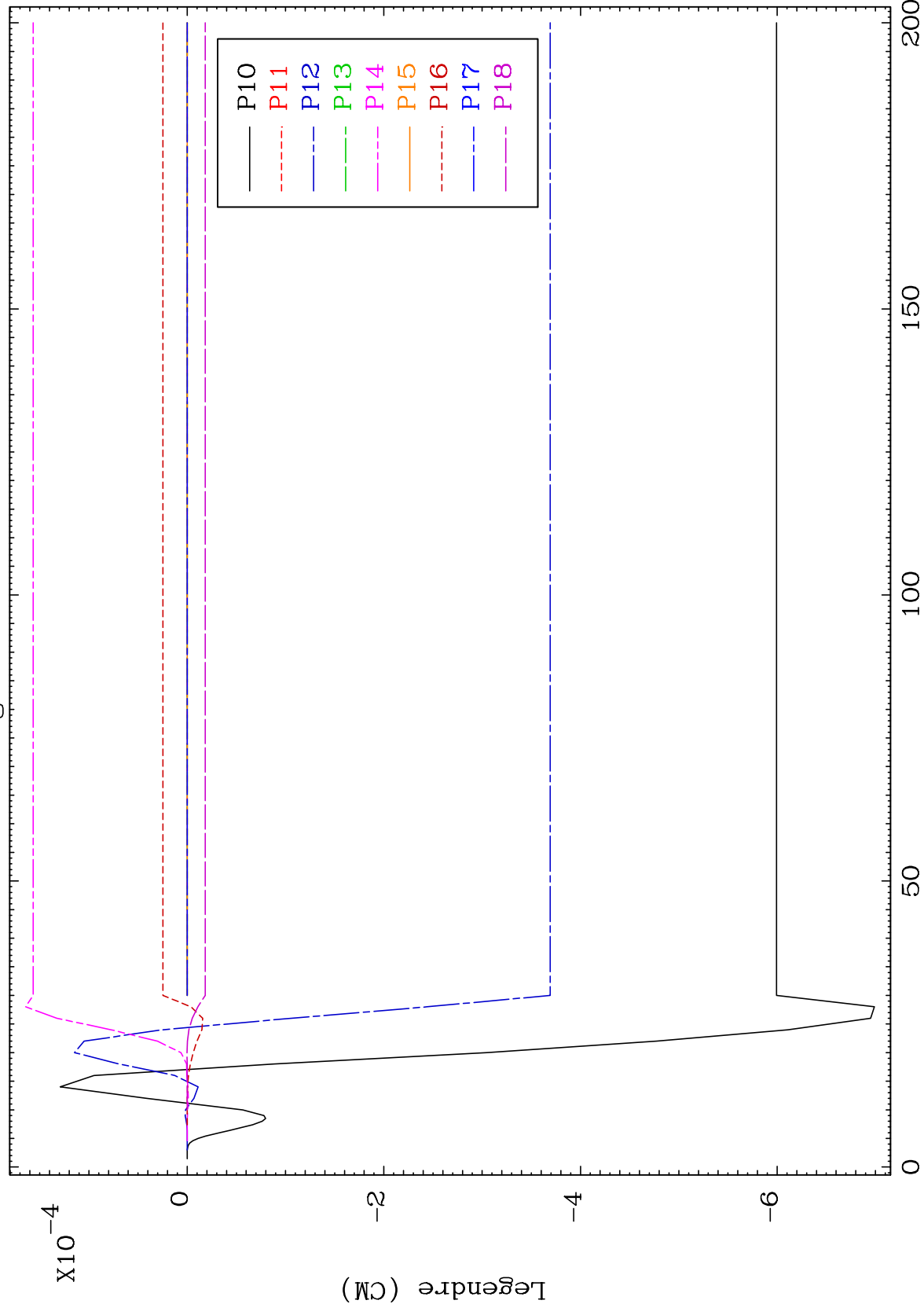




MAT 8077

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

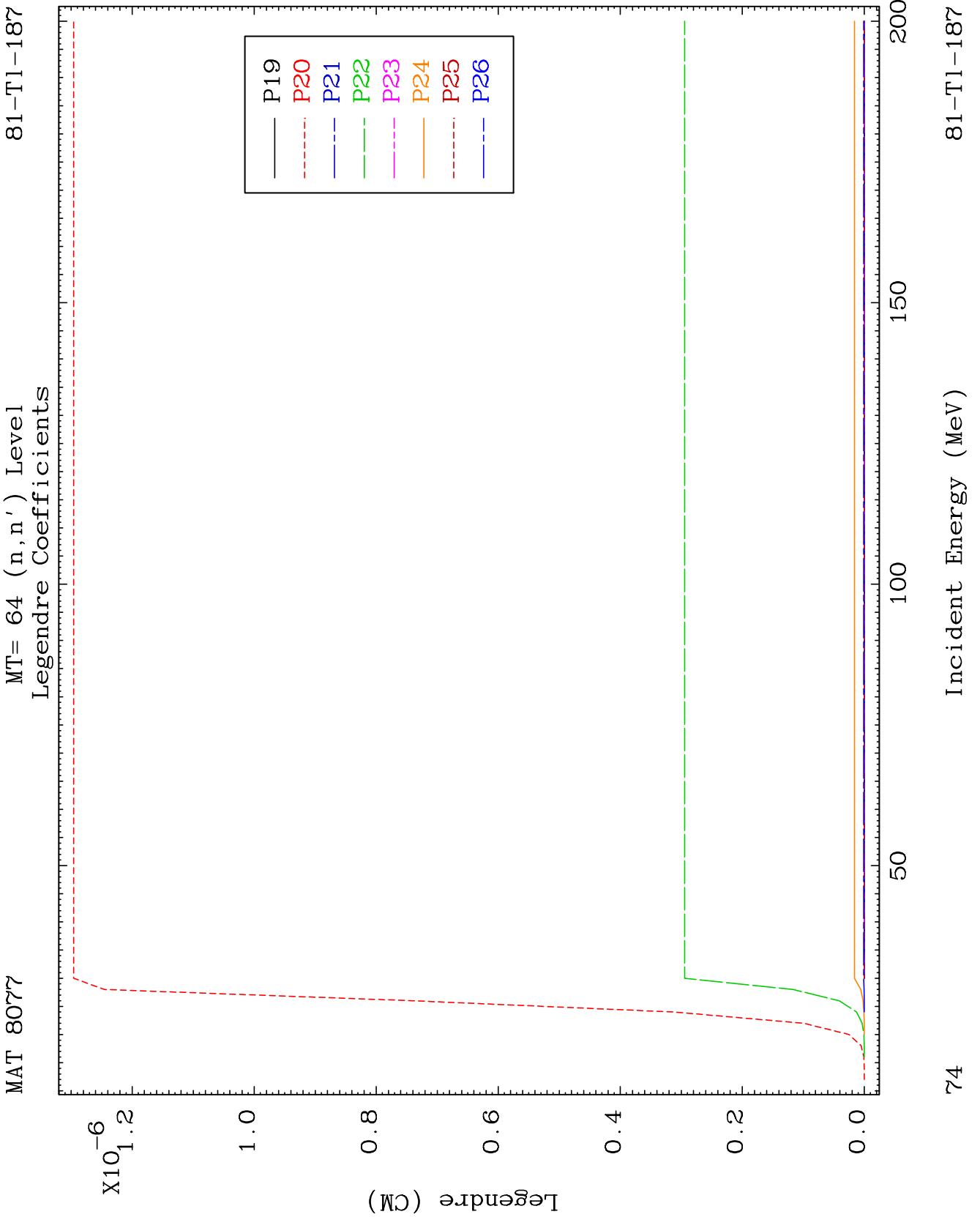
81-Tl-187



73

Incident Energy (MeV)

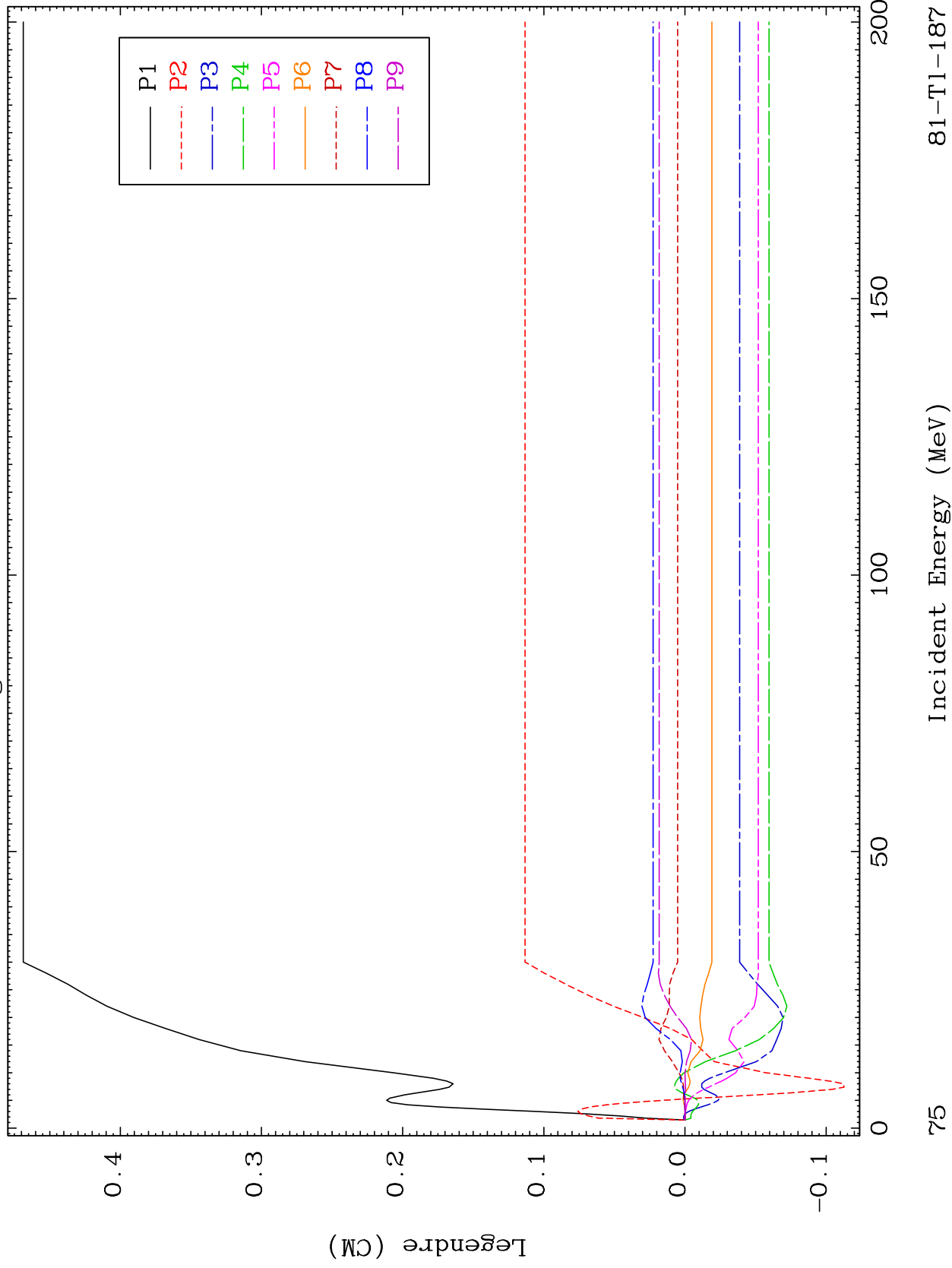
81-Tl-187



MAT 80777

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

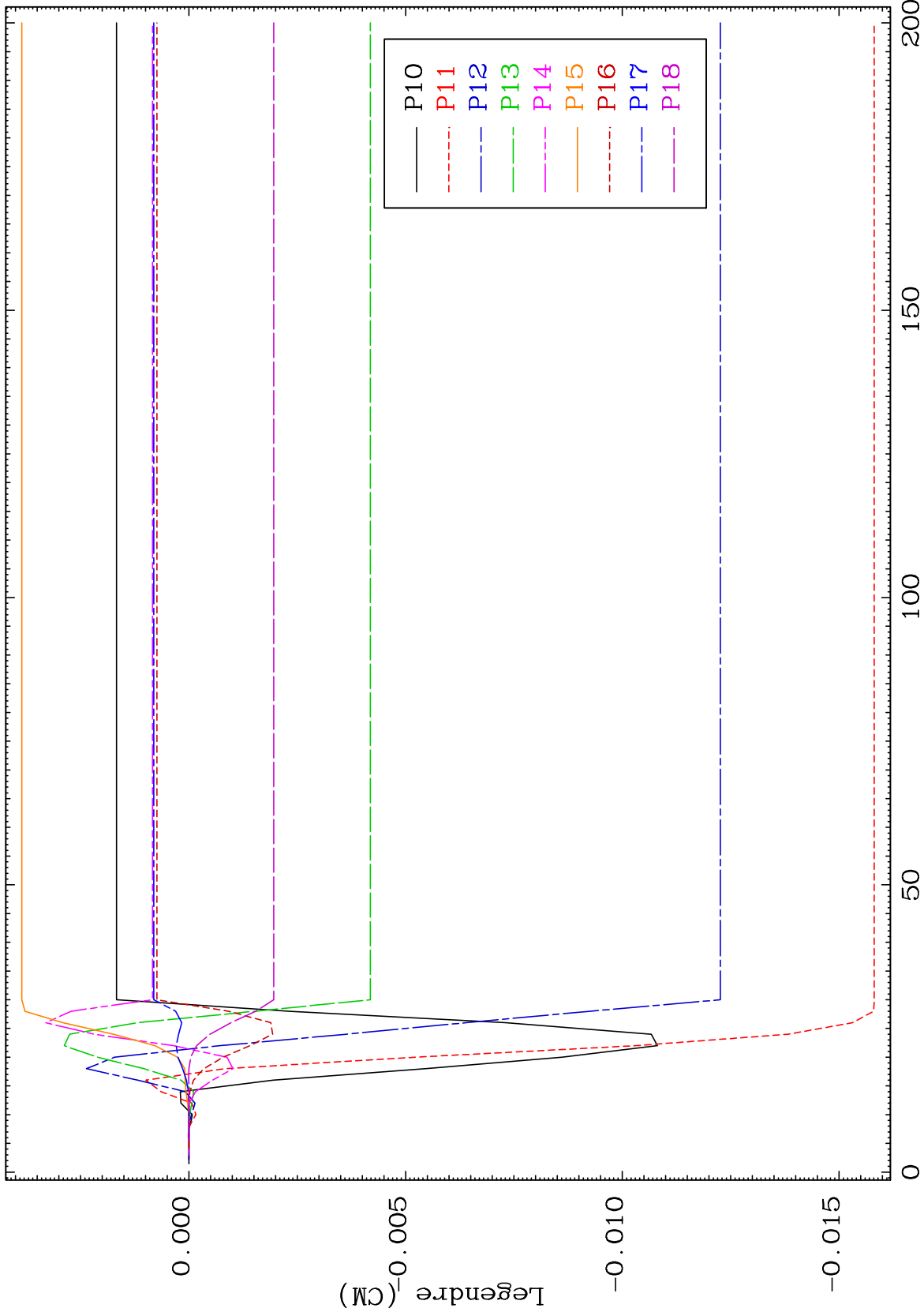
81-T1-187



MAT 80777

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

81-Tl-187



76

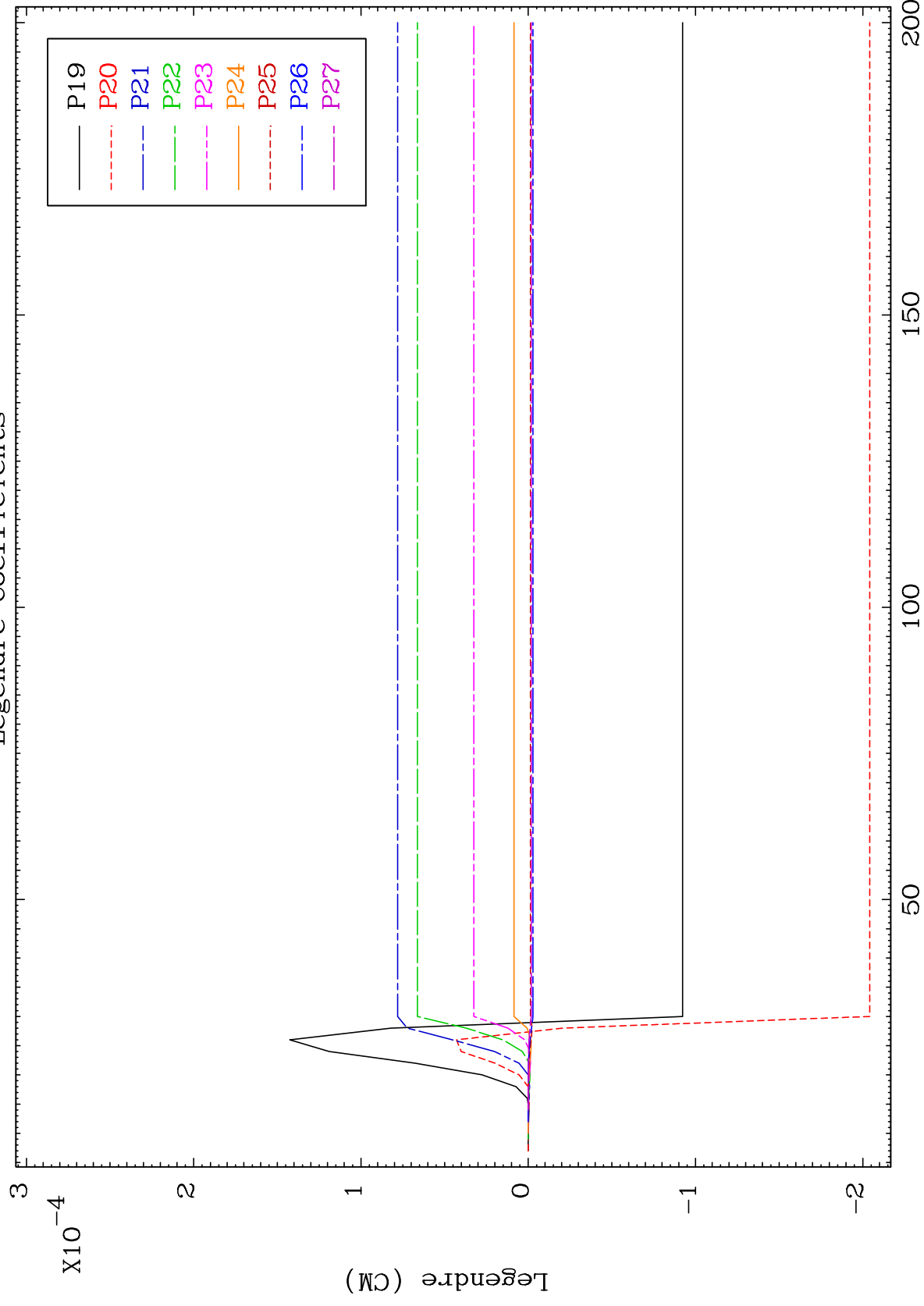
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-T1-187



77

Incident Energy (MeV)

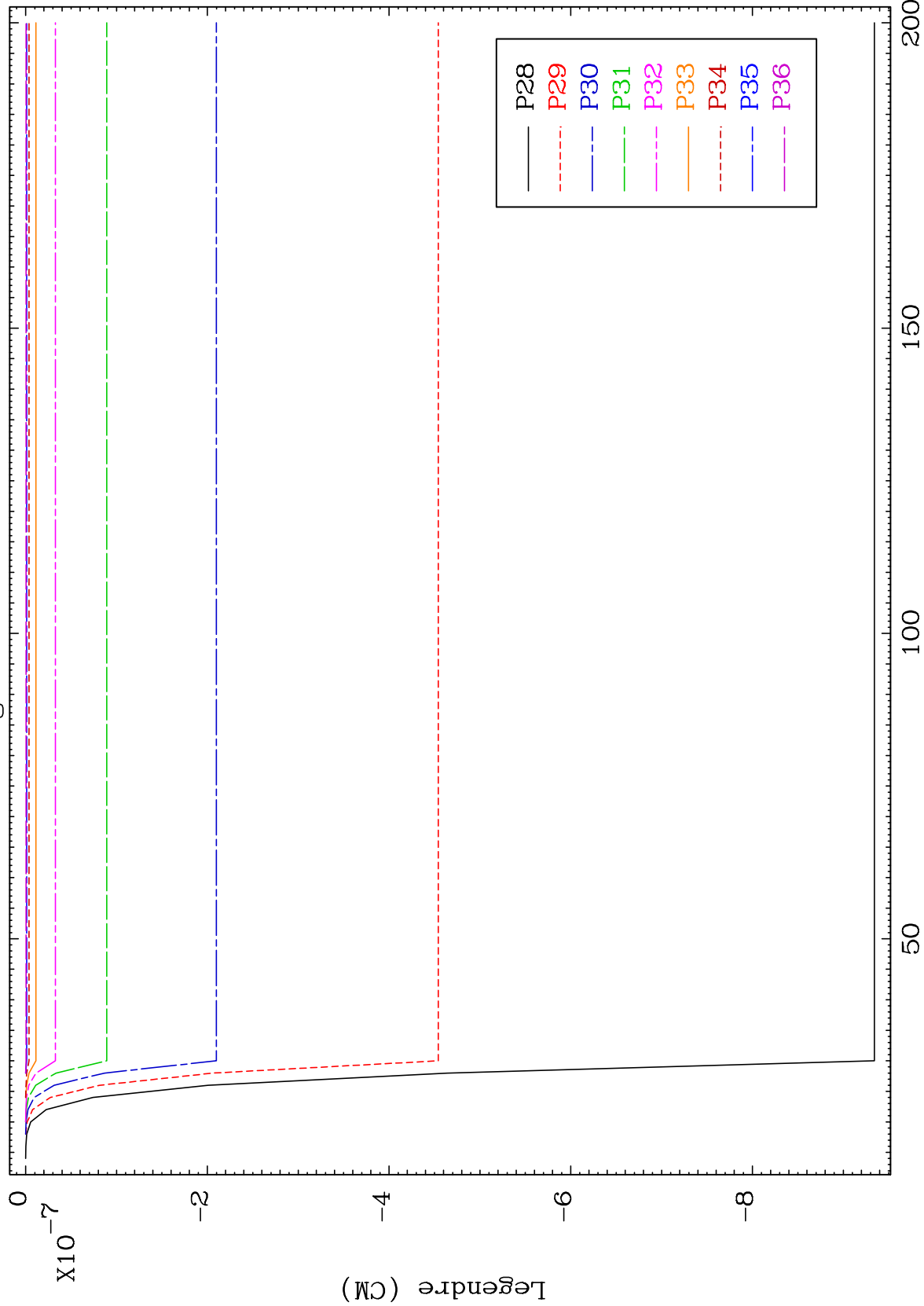
81-T1-187

MAT 8077

MT= 65 (n,n') Level

81-Tl-187

Legendre Coefficients



78

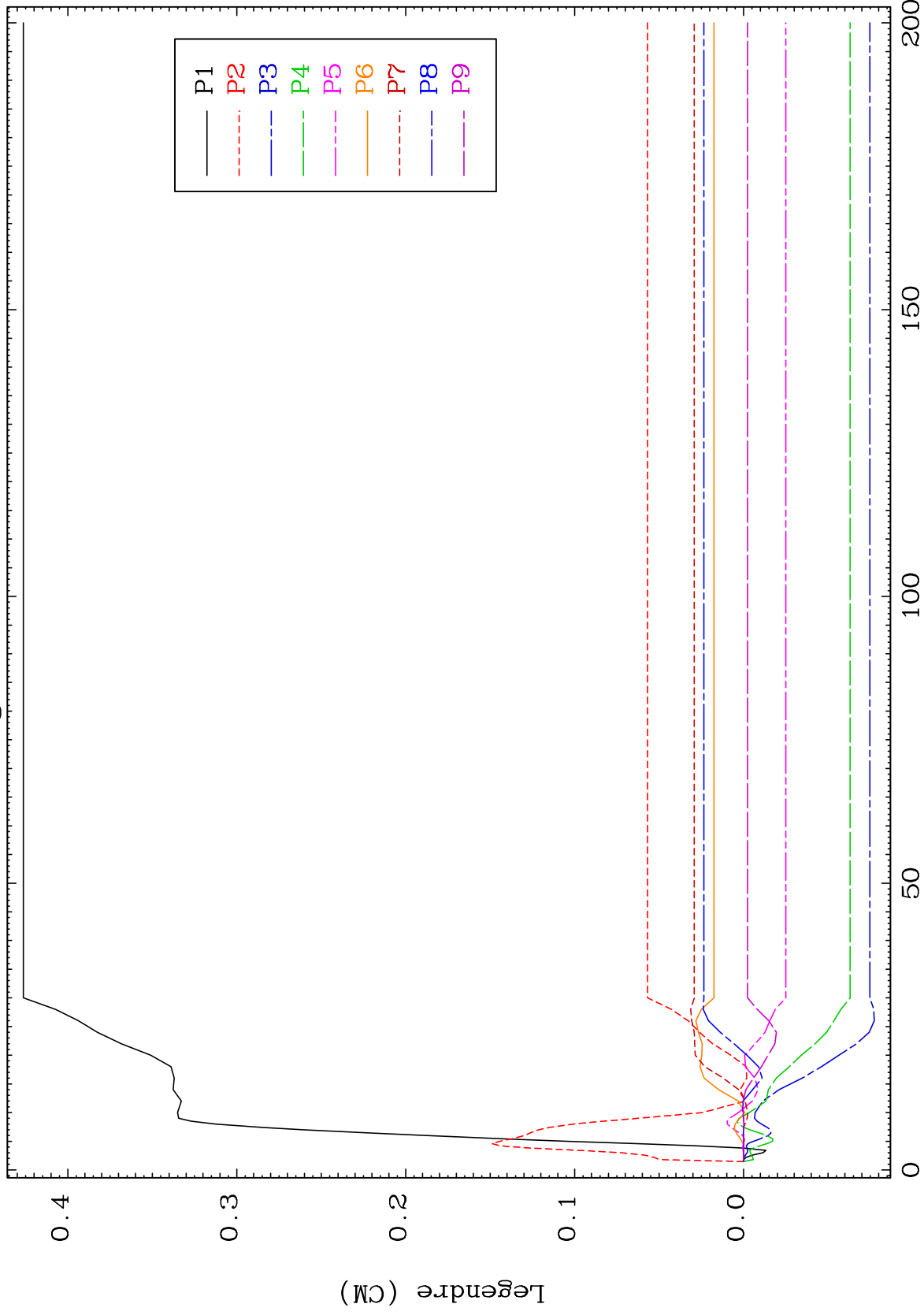
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-T1-187



79

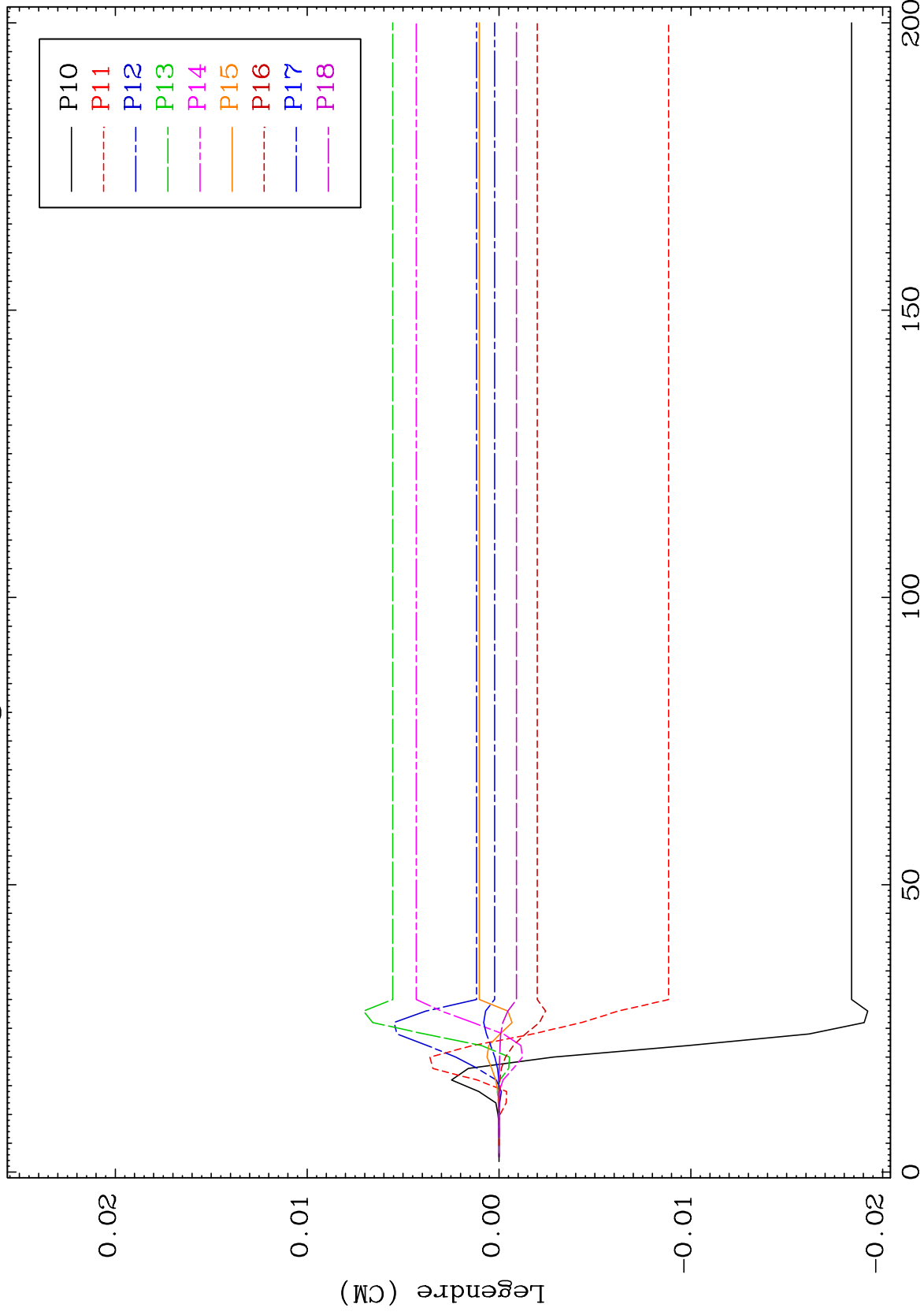
Incident Energy (MeV)

81-T1-187

MAT 80777

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

81-Tl-187



80

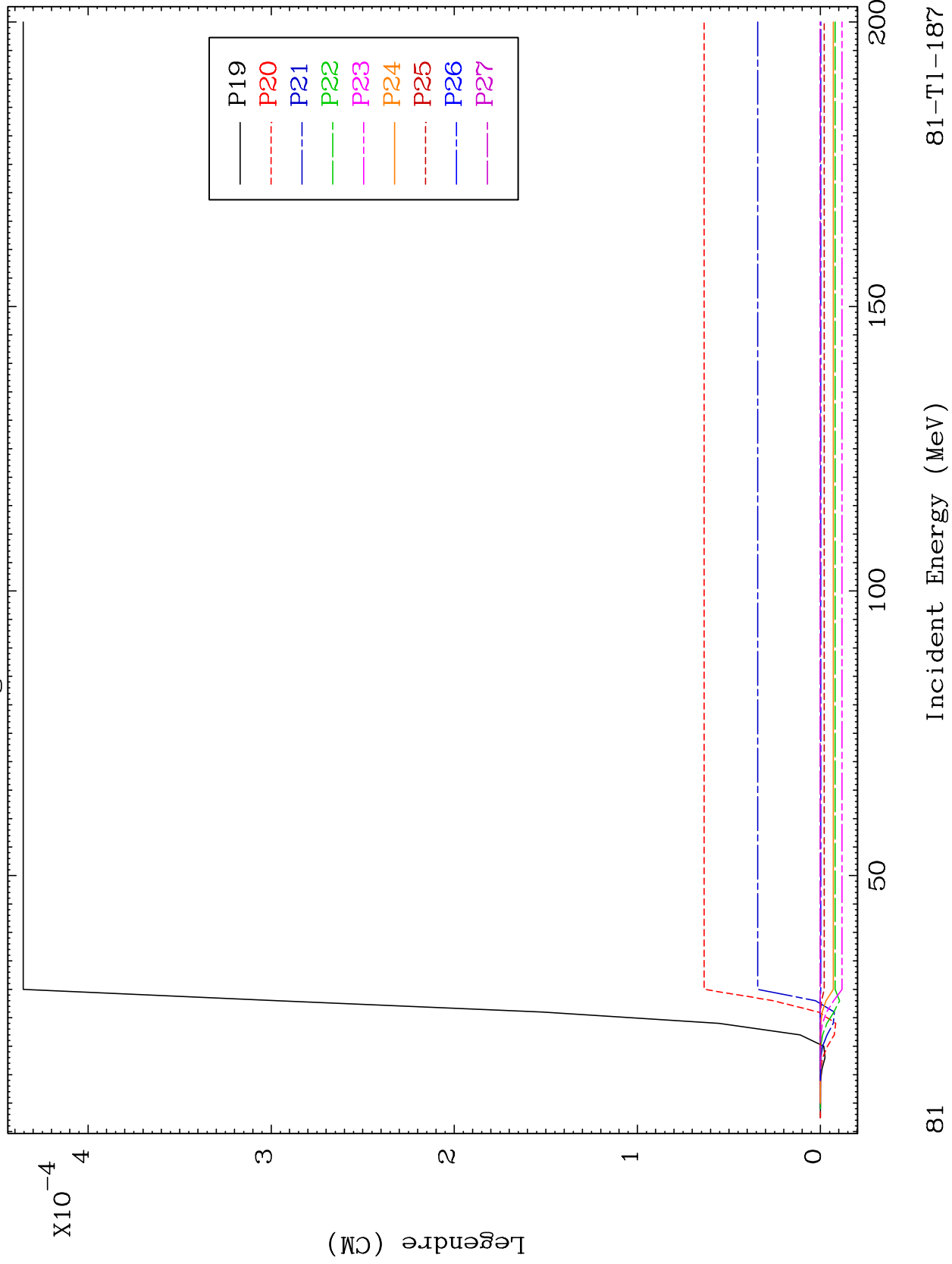
Incident Energy (MeV)

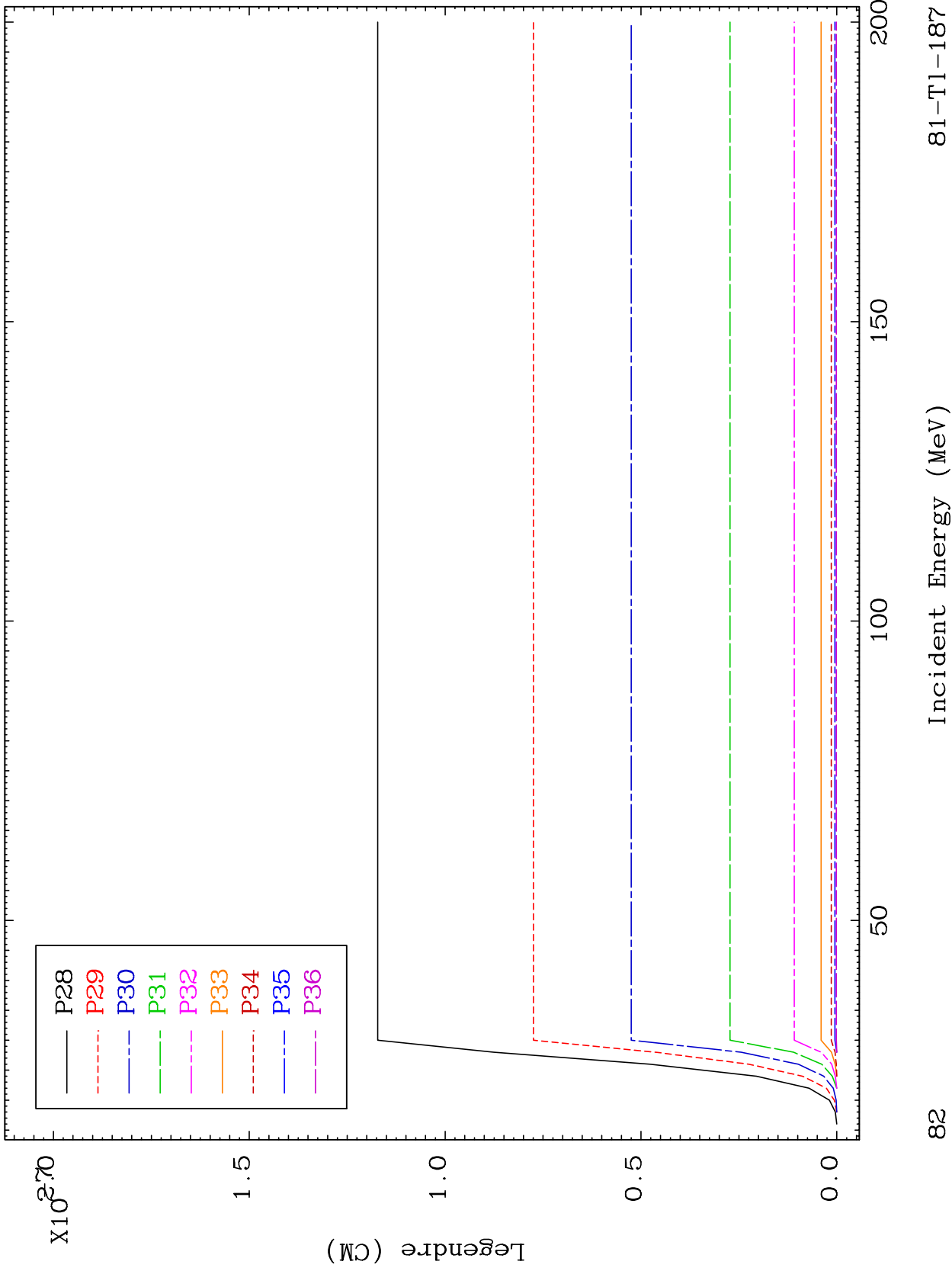
81-Tl-187

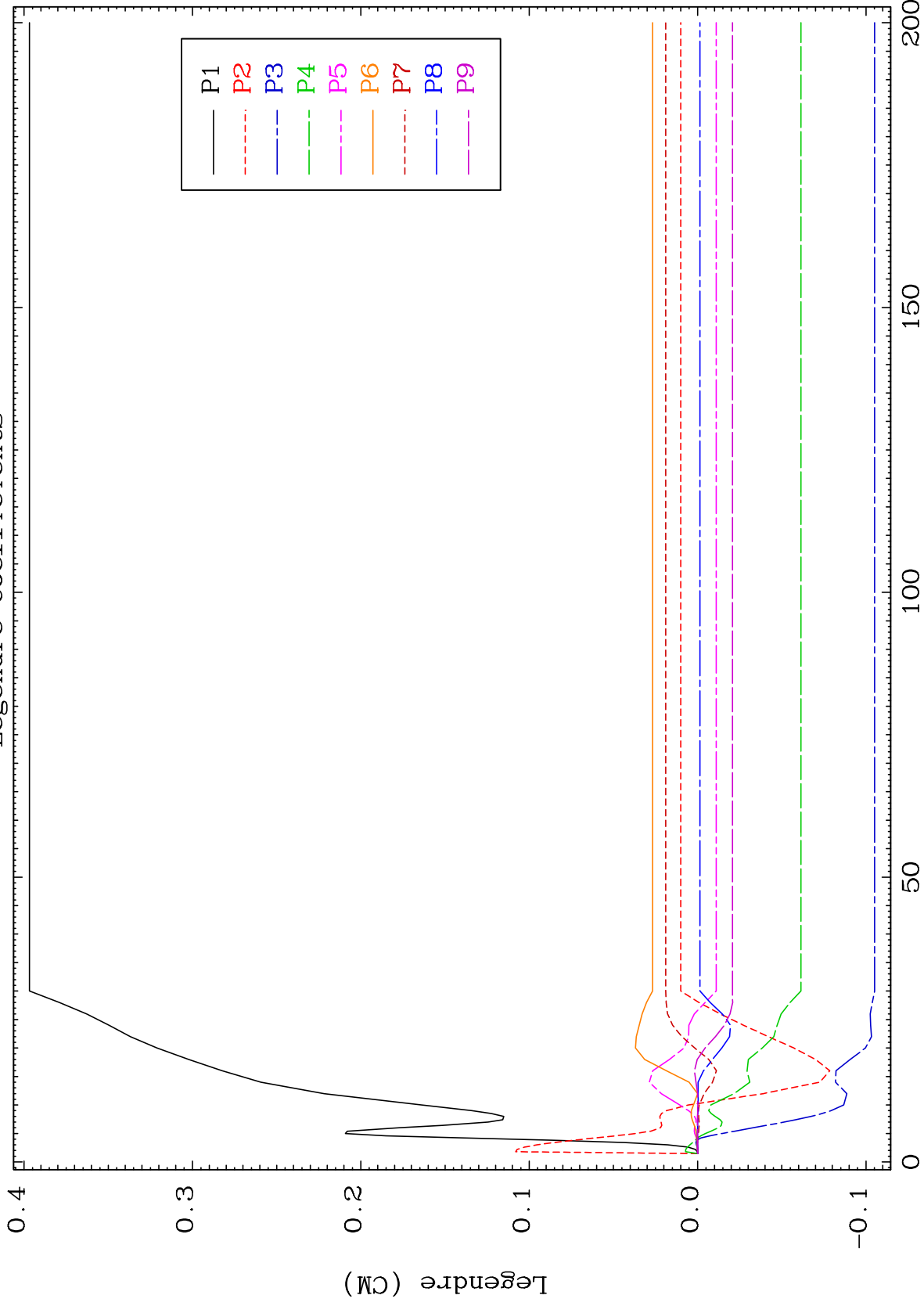
MAT 80777

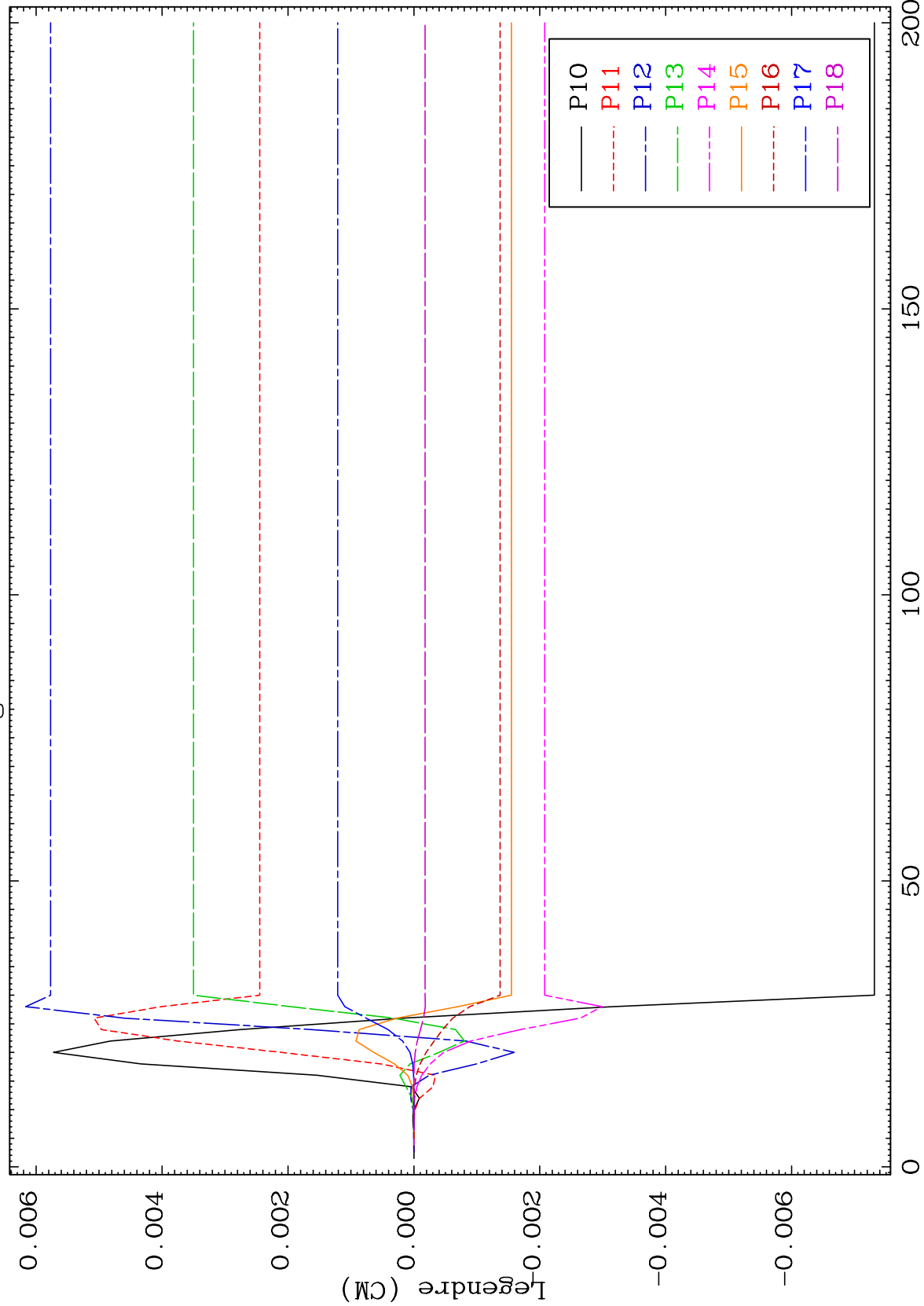
MT= 66 (n,n') Level
Legendre Coefficients

81-Tl-187





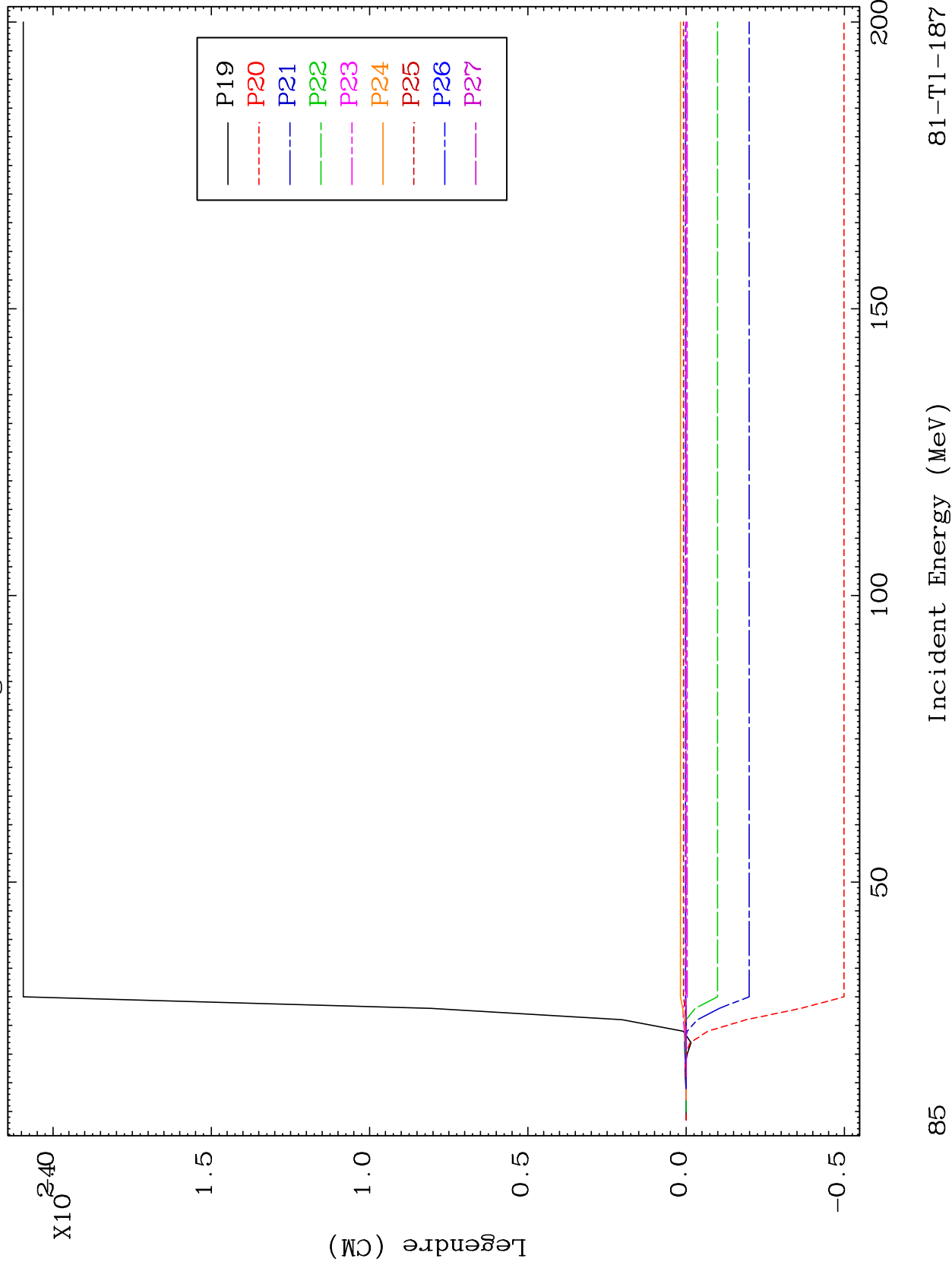




MAT 80777

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

81-Tl-187



85

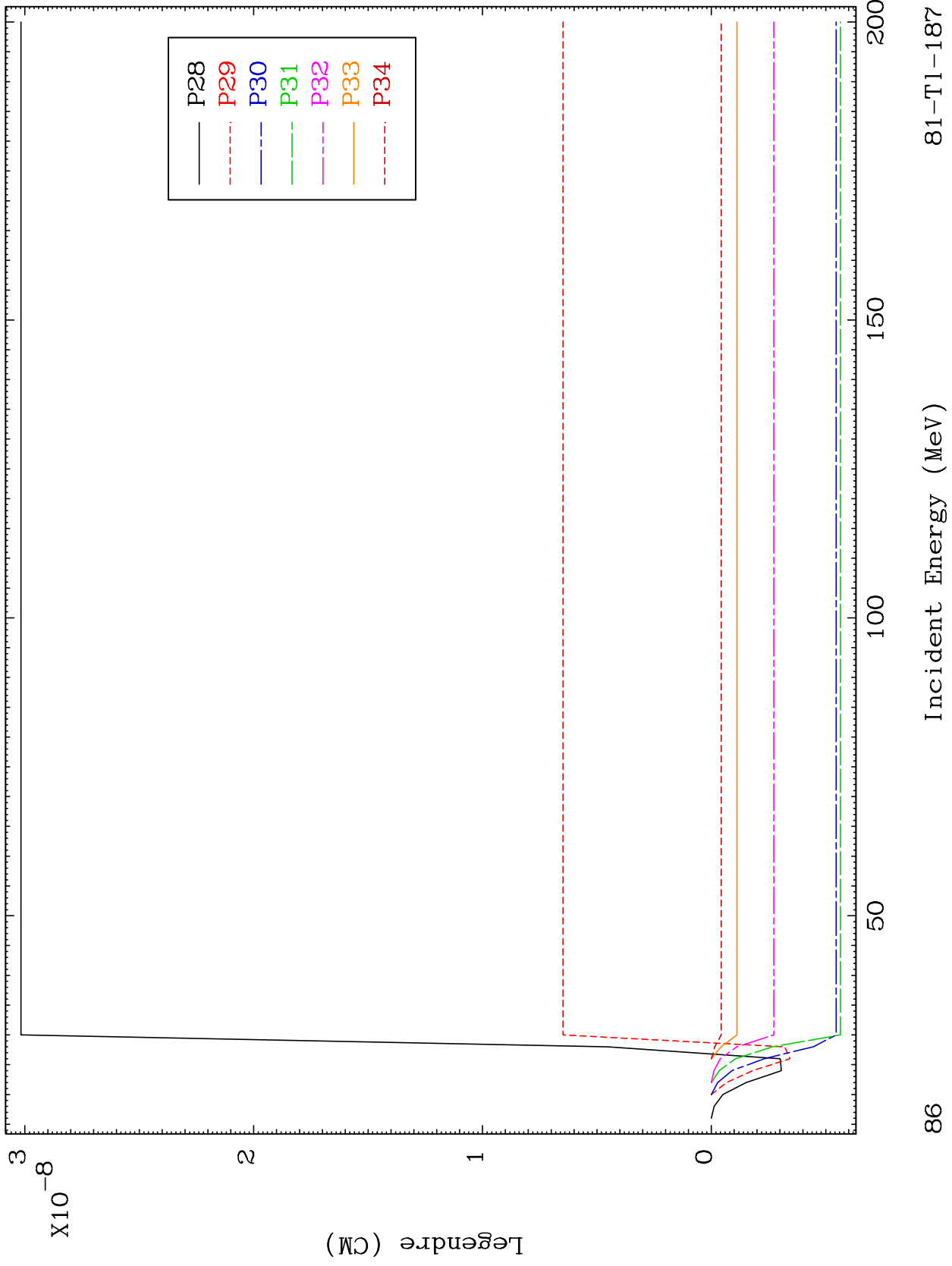
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-T1-187



86

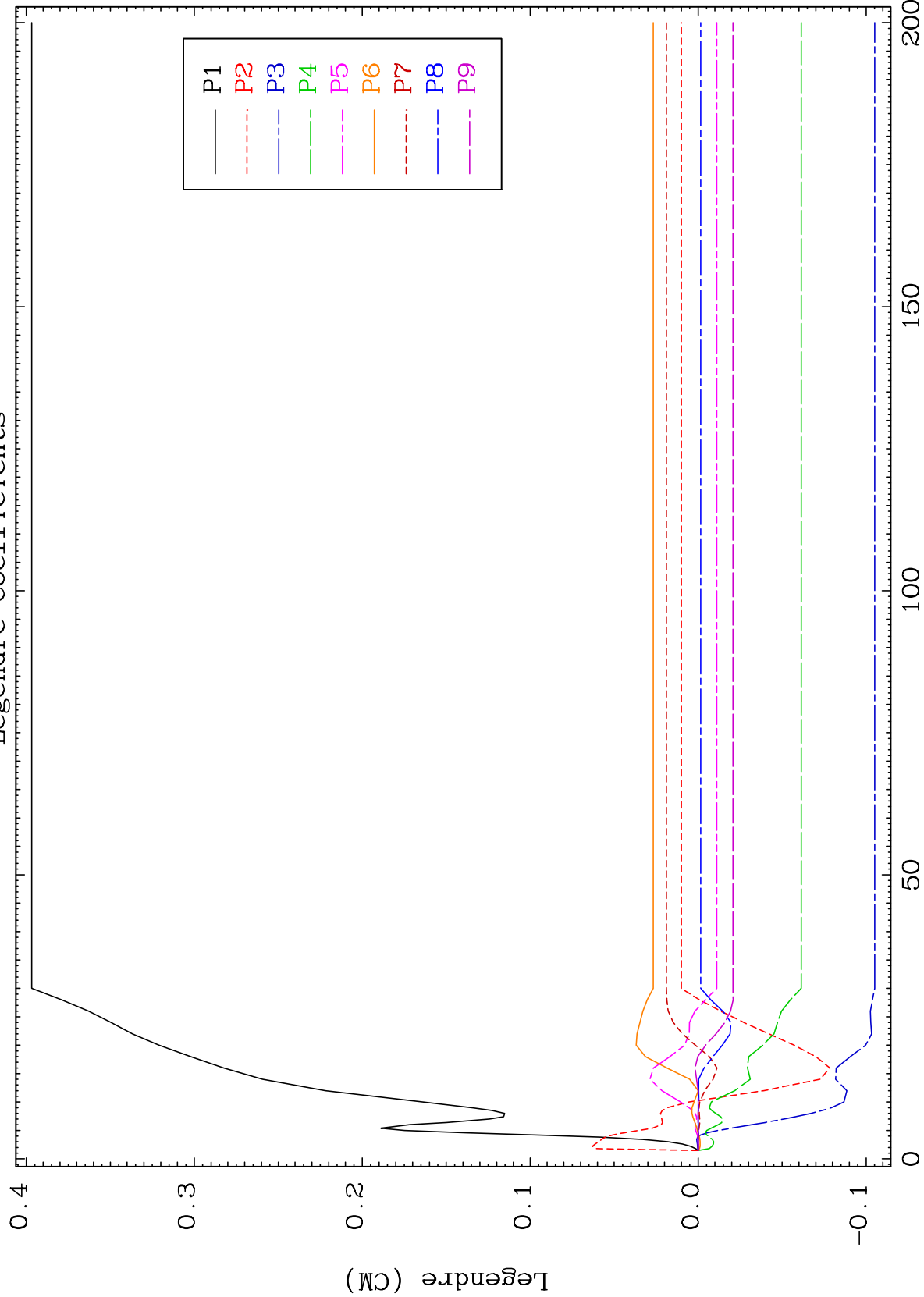
Incident Energy (MeV)

81-T1-187

MAT 8077

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

81-T1-187



87

Incident Energy (MeV)

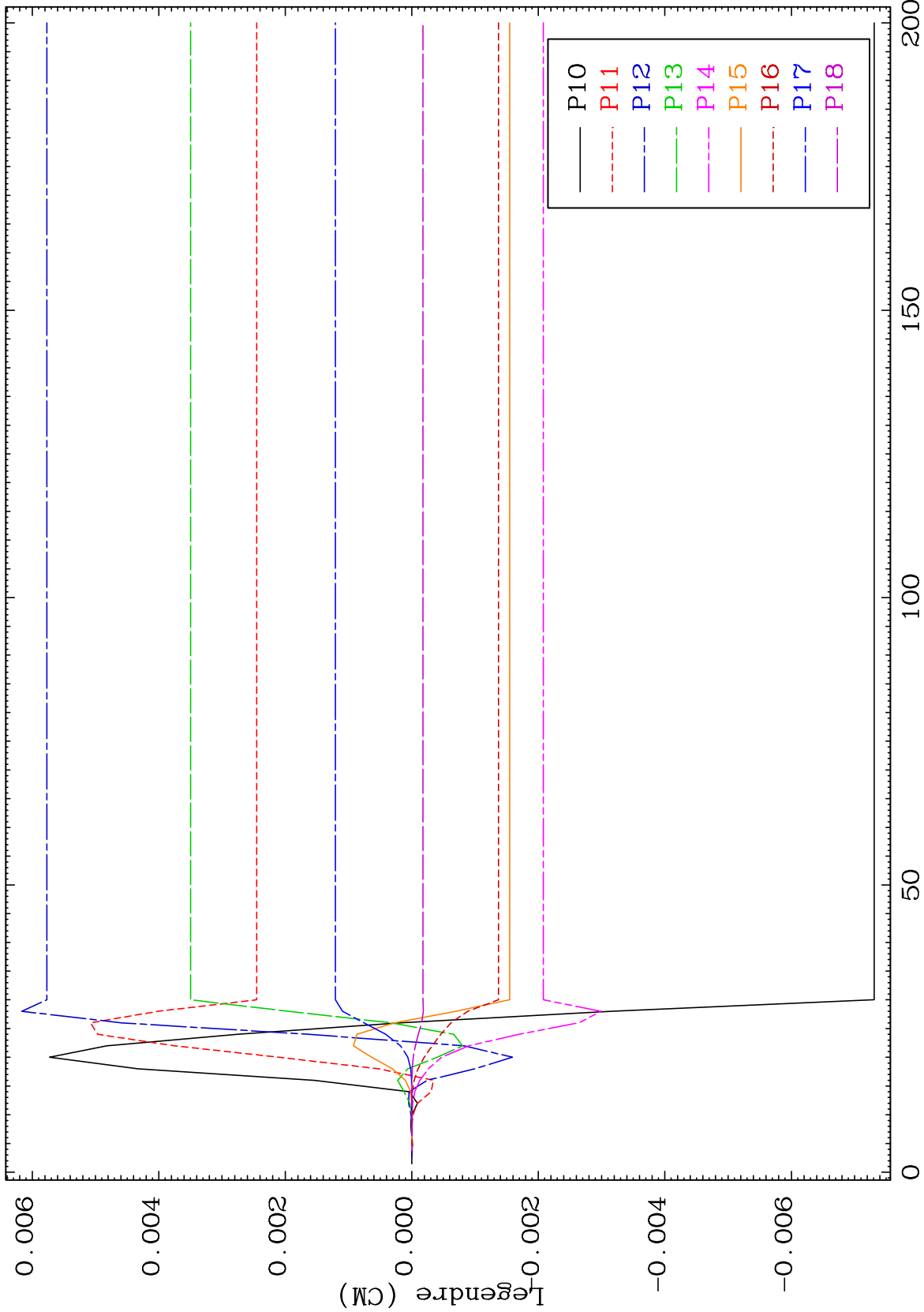
81-T1-187

MAT 8077

MT= 68 (n,n') Level

81-Tl-187

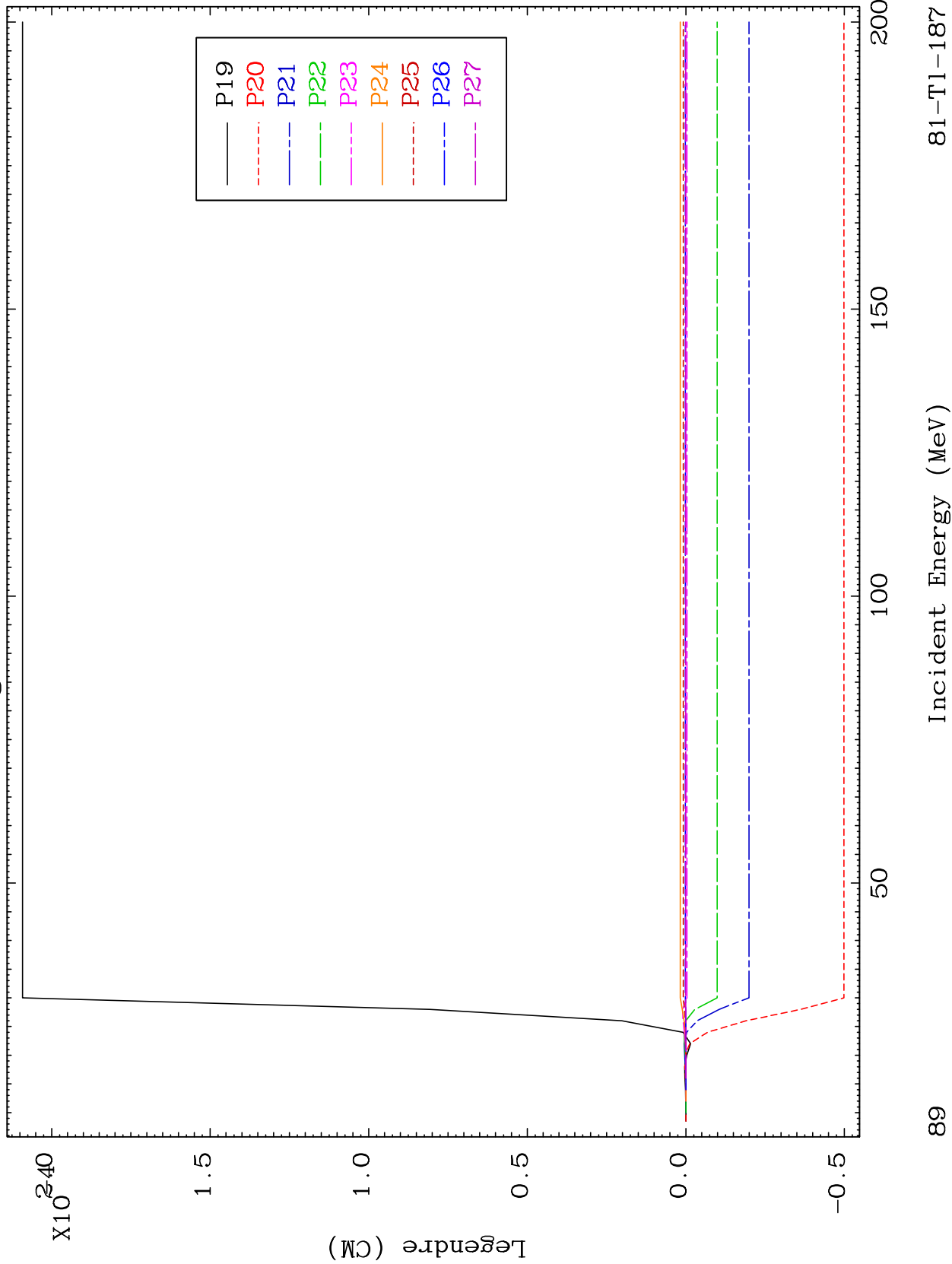
Legendre Coefficients



88

Incident Energy (MeV)

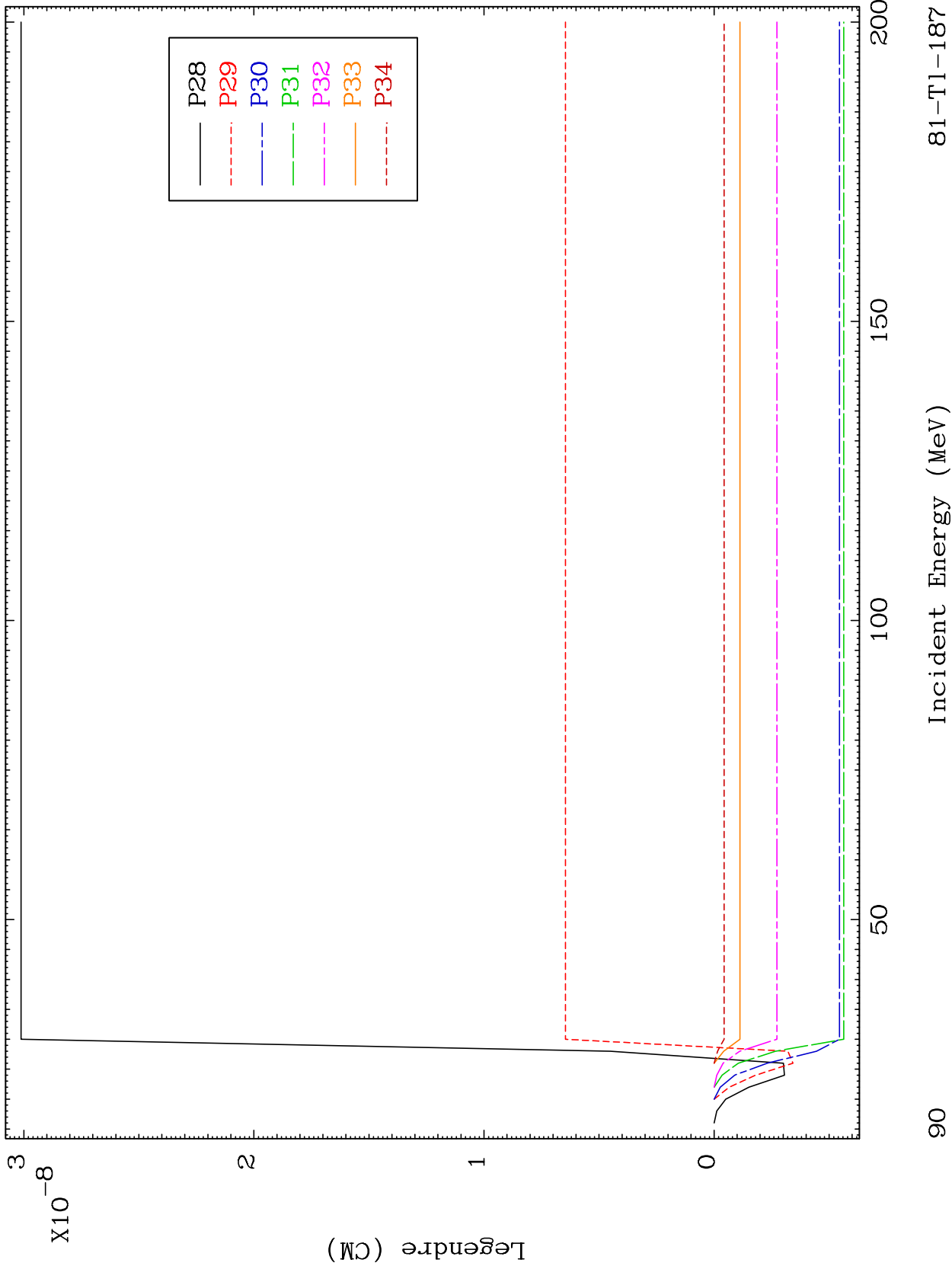
81-Tl-187



MAT 8077

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

81-T1-187



90

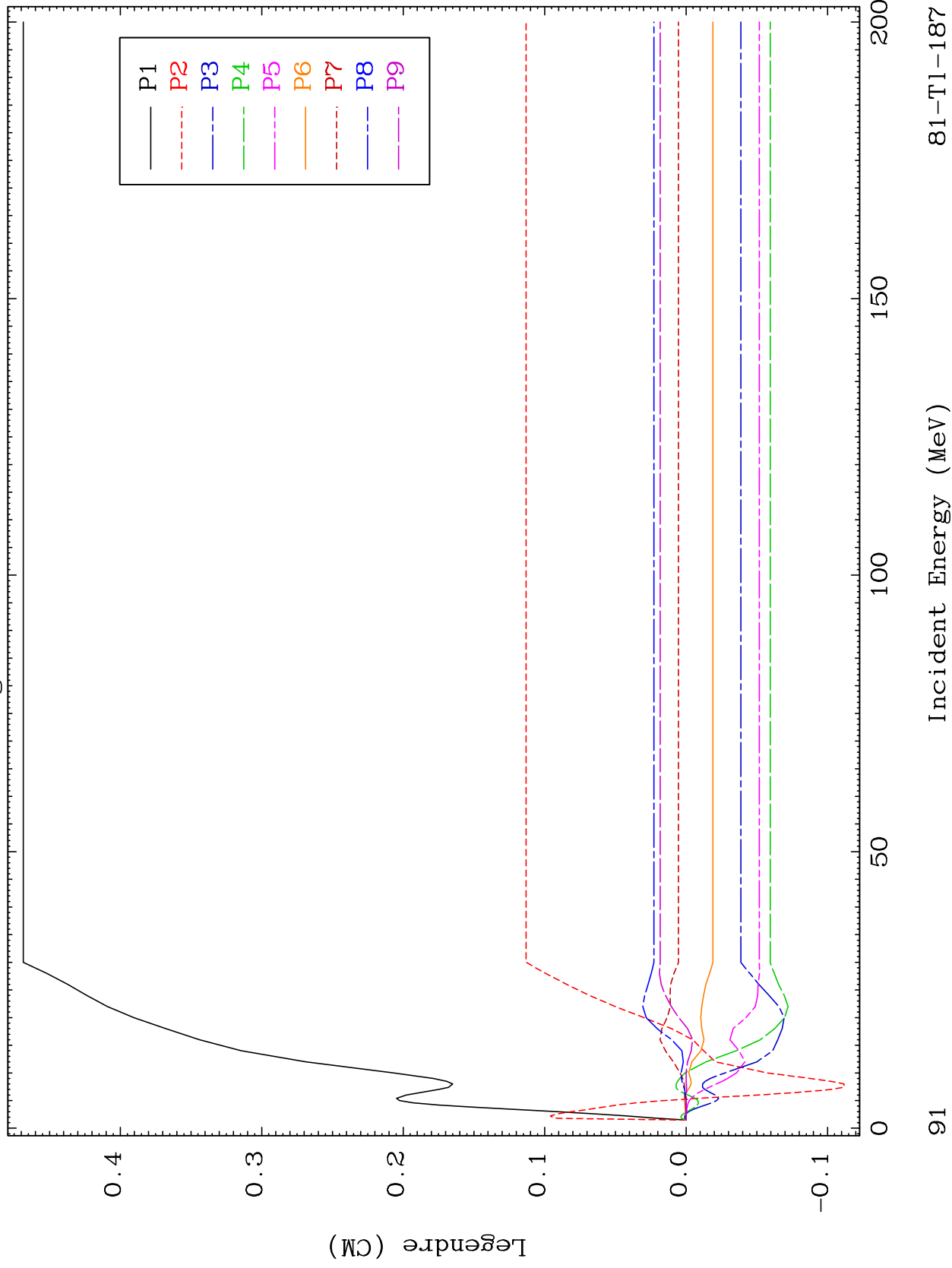
Incident Energy (MeV)

81-T1-187

MAT 80777

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

81-Tl-187



91

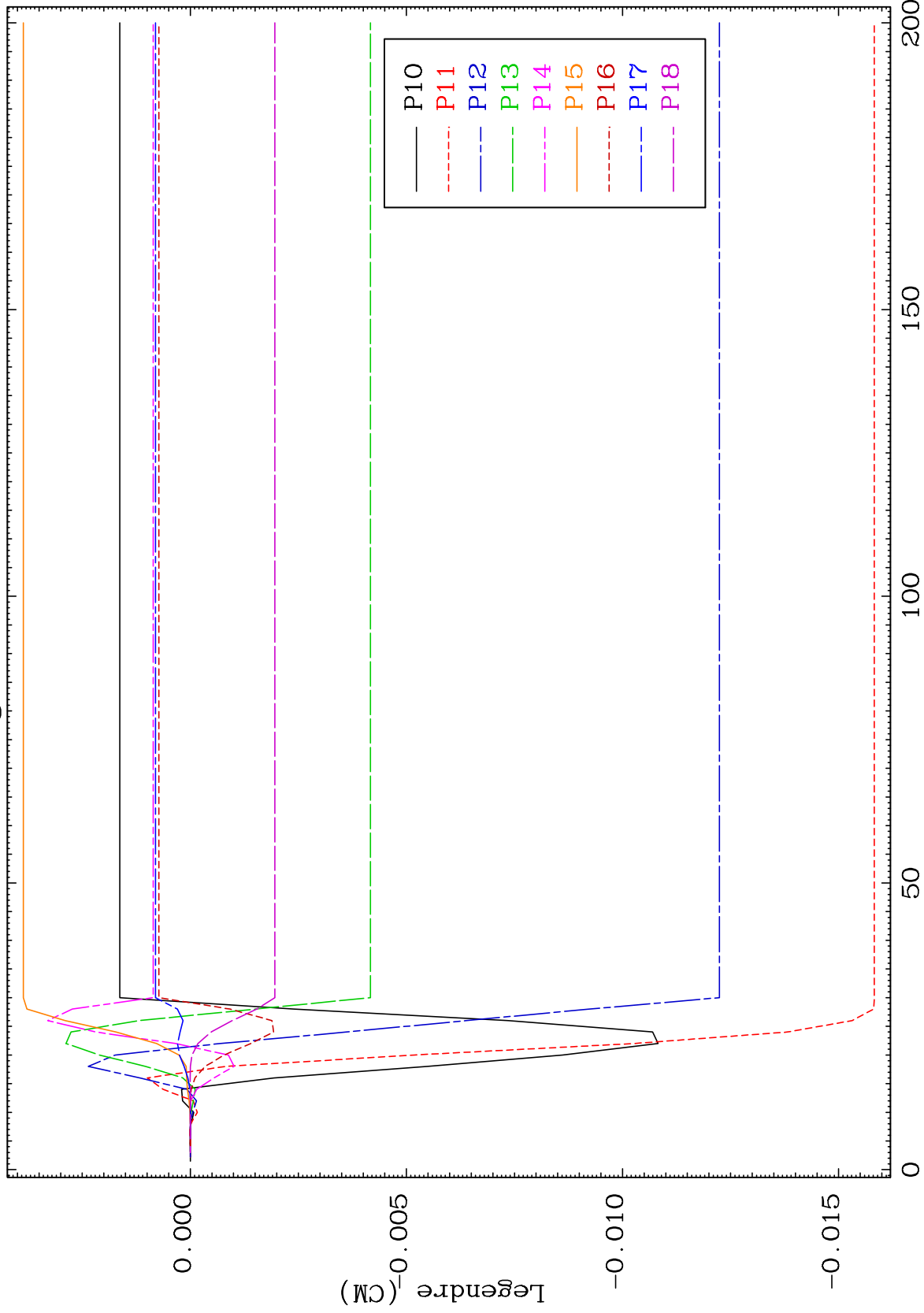
Incident Energy (MeV)

81-Tl-187

MAT 8077

81-Tl-187

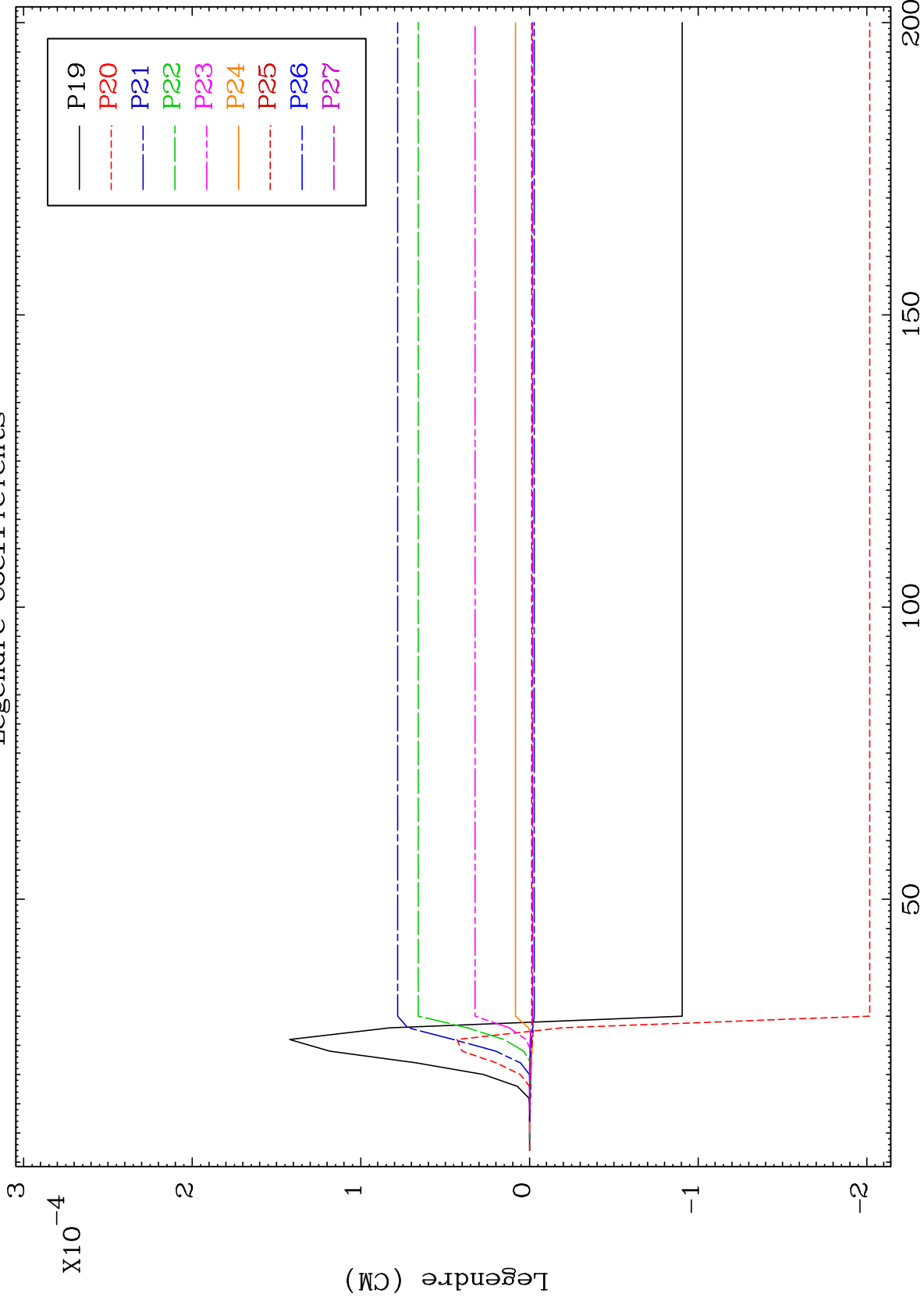
MT= 69 (n,n') Level
Legendre Coefficients



92

Incident Energy (MeV)

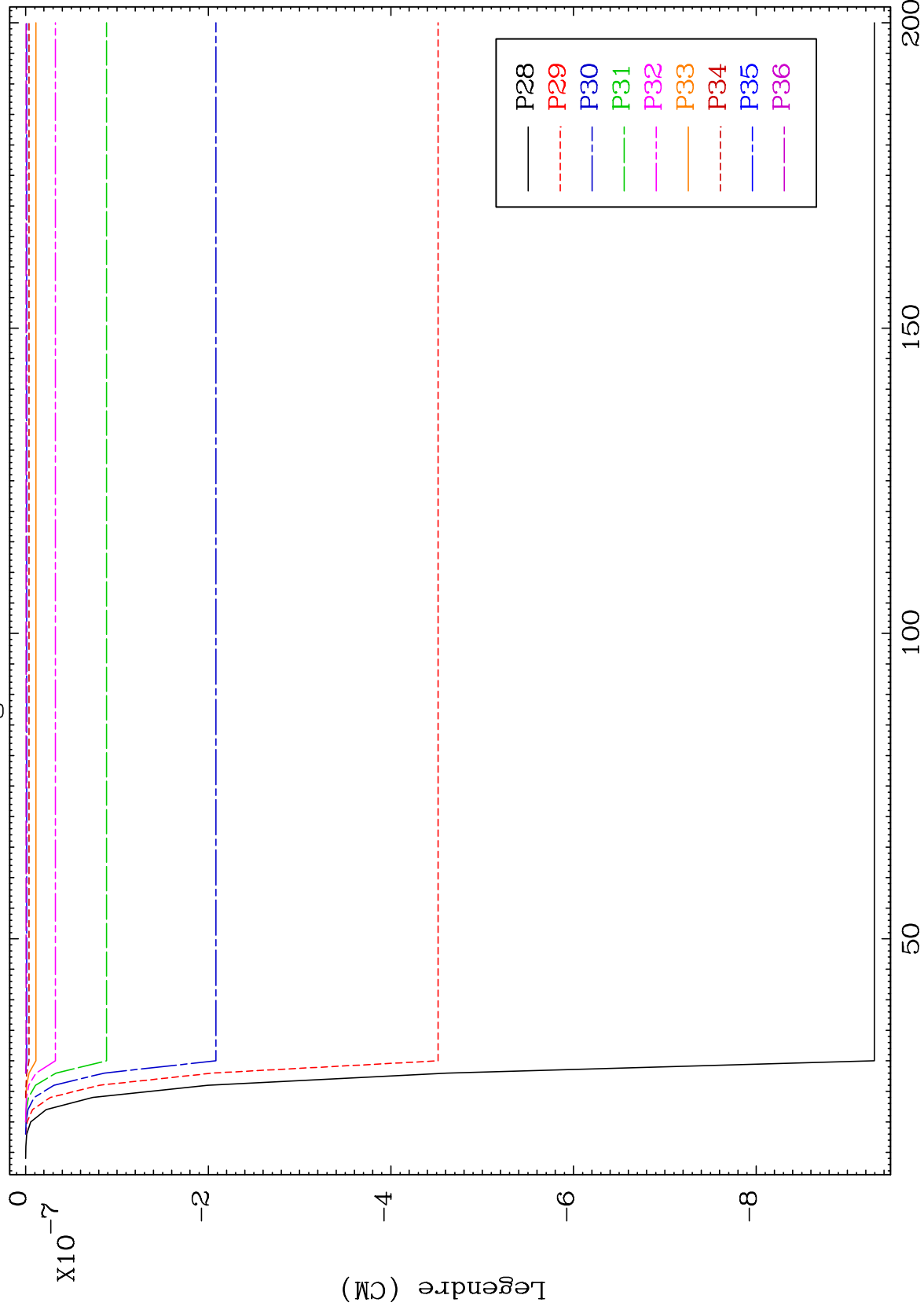
81-Tl-187



MAT 8077

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

81-Tl-187



94

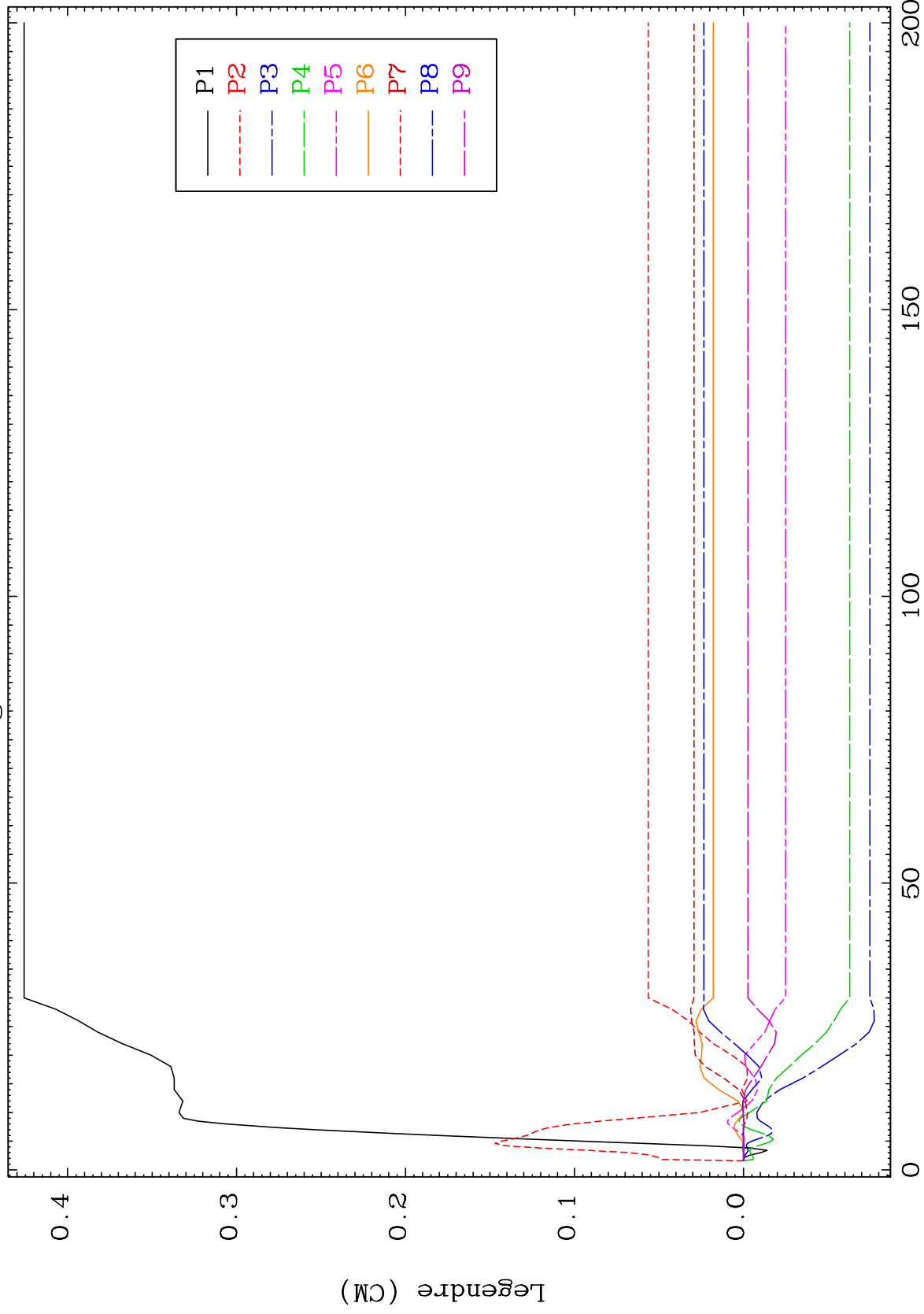
Incident Energy (MeV)

81-Tl-187

MAT 80777

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

81-T1-187



95

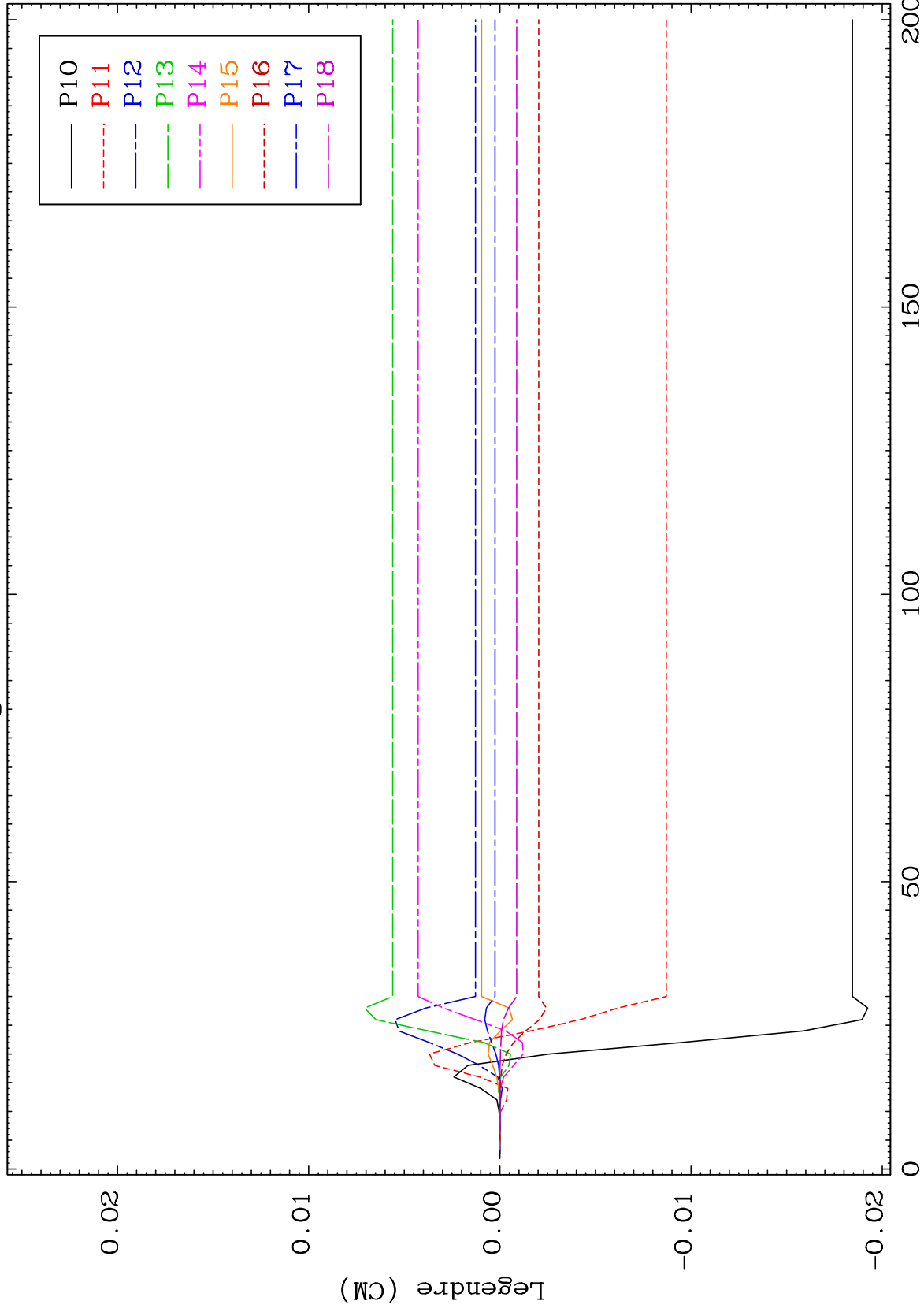
Incident Energy (MeV)

81-T1-187

MAT 80777

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

81-Tl-187



96

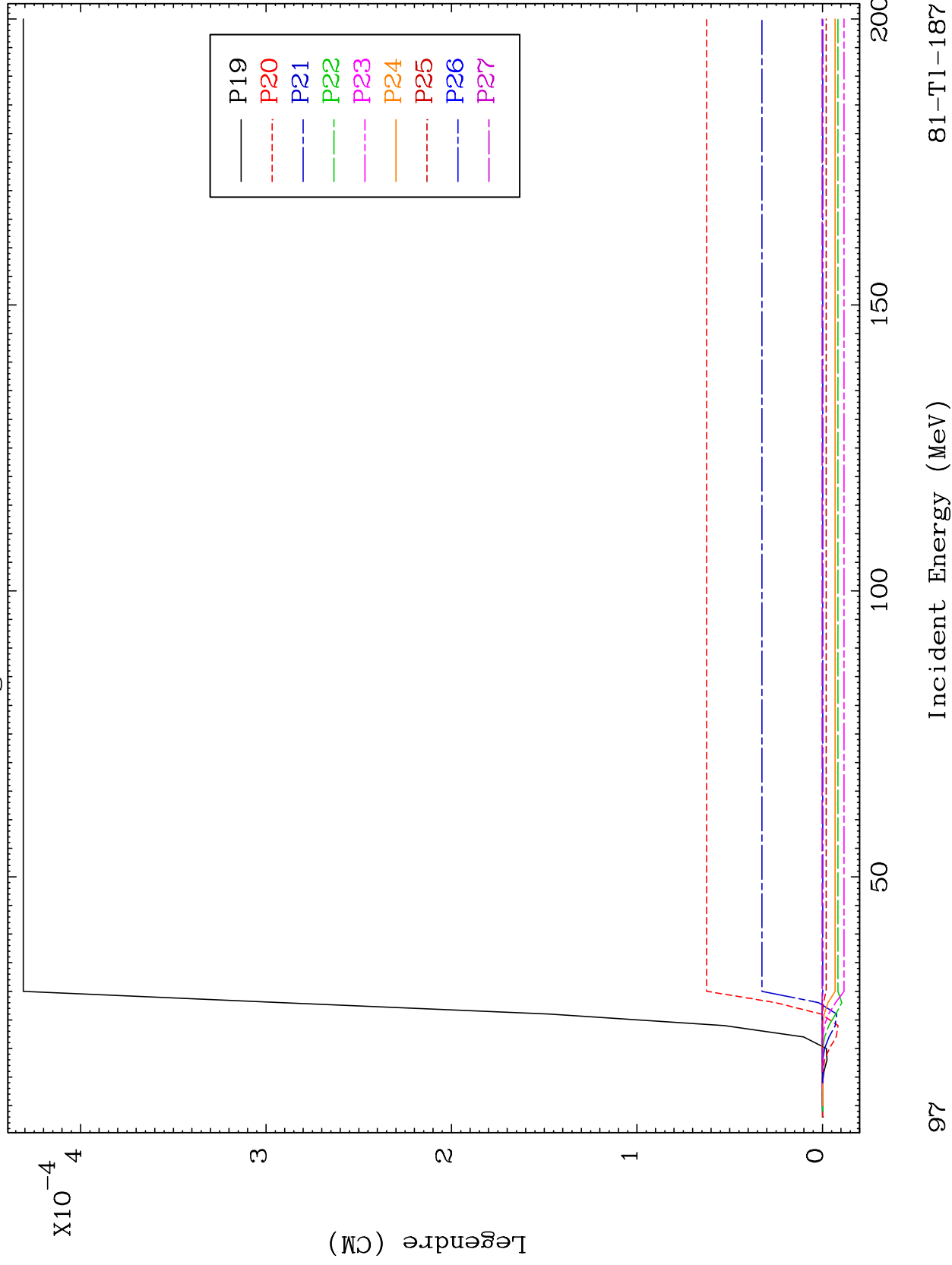
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

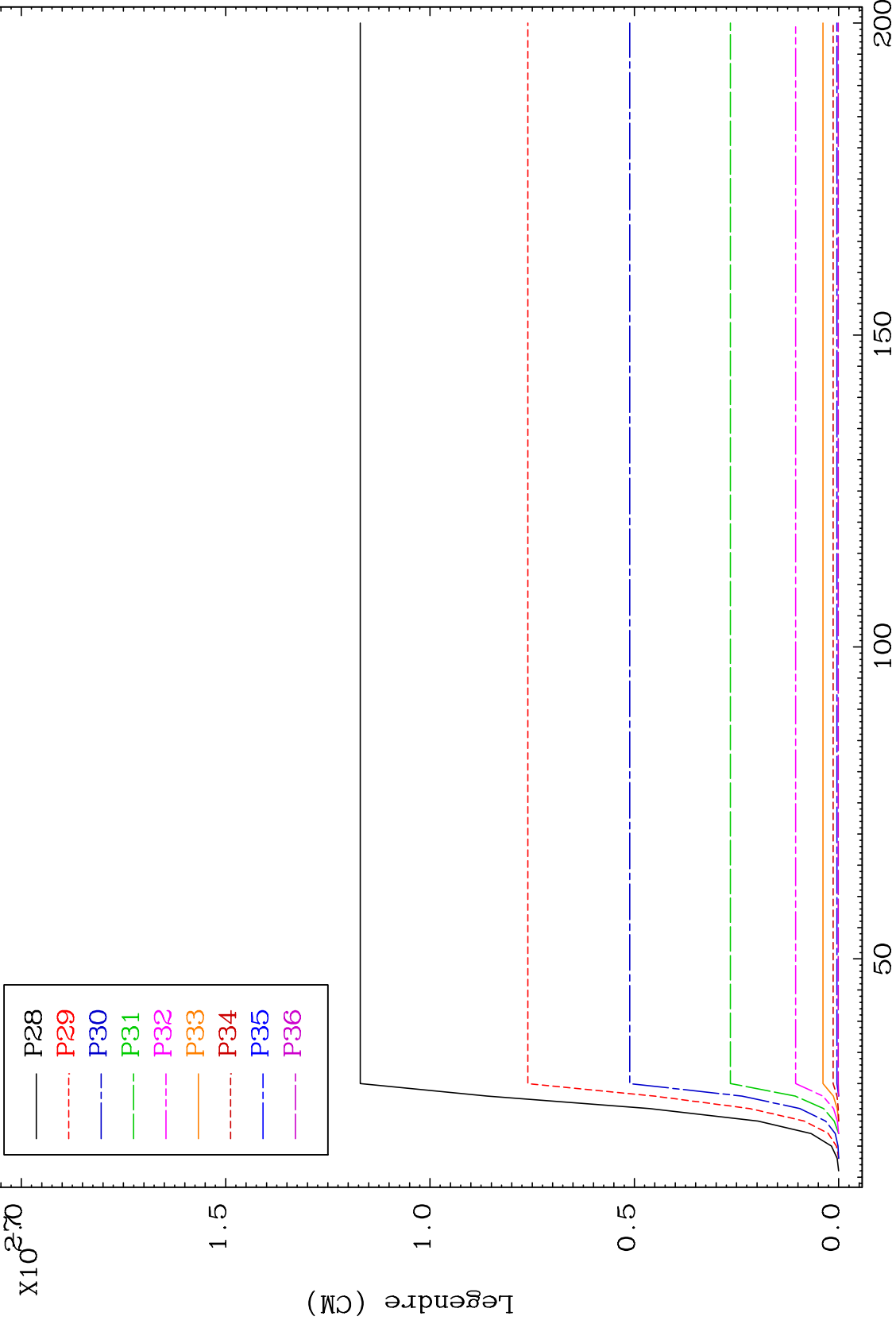
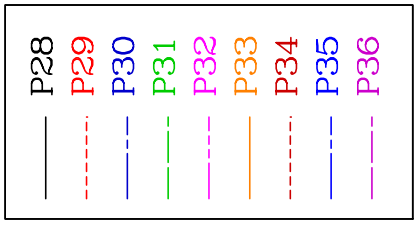
81-Tl-187



MAT 8077

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

81-Tl-187



98

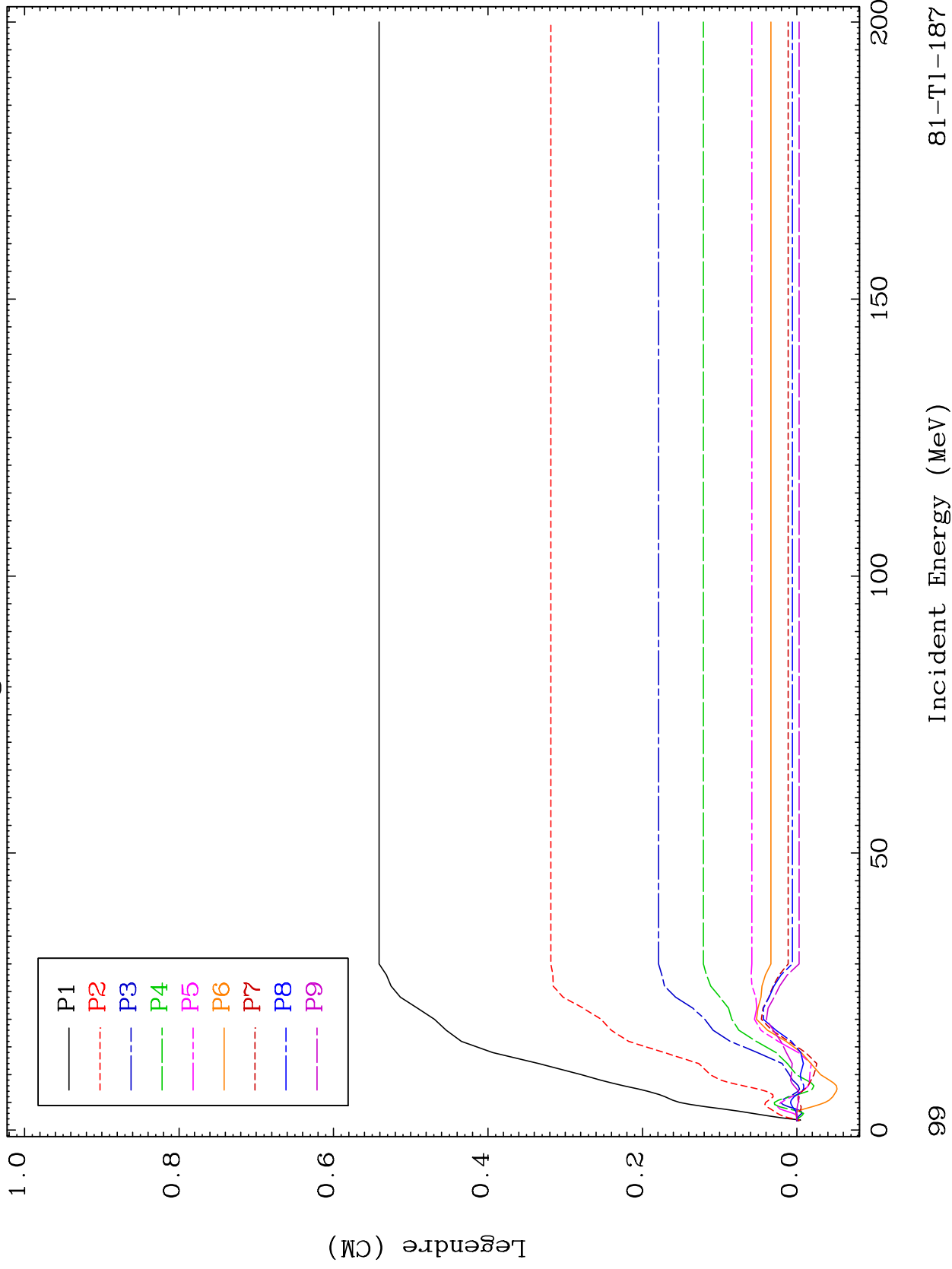
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

81-Tl-187



81-Tl-187

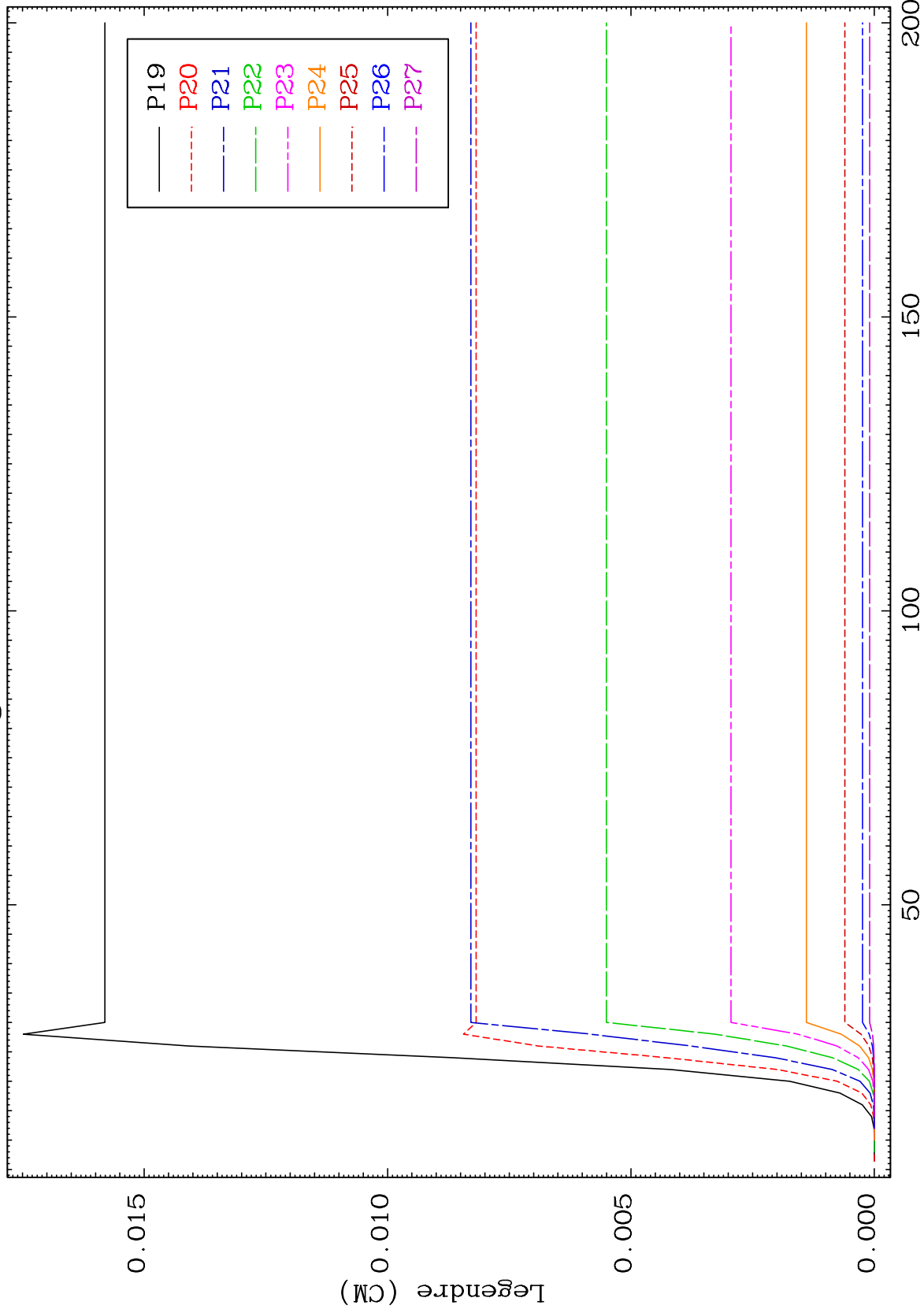
Incident Energy (MeV)

99

MAT 8077

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

81-Tl-187



101

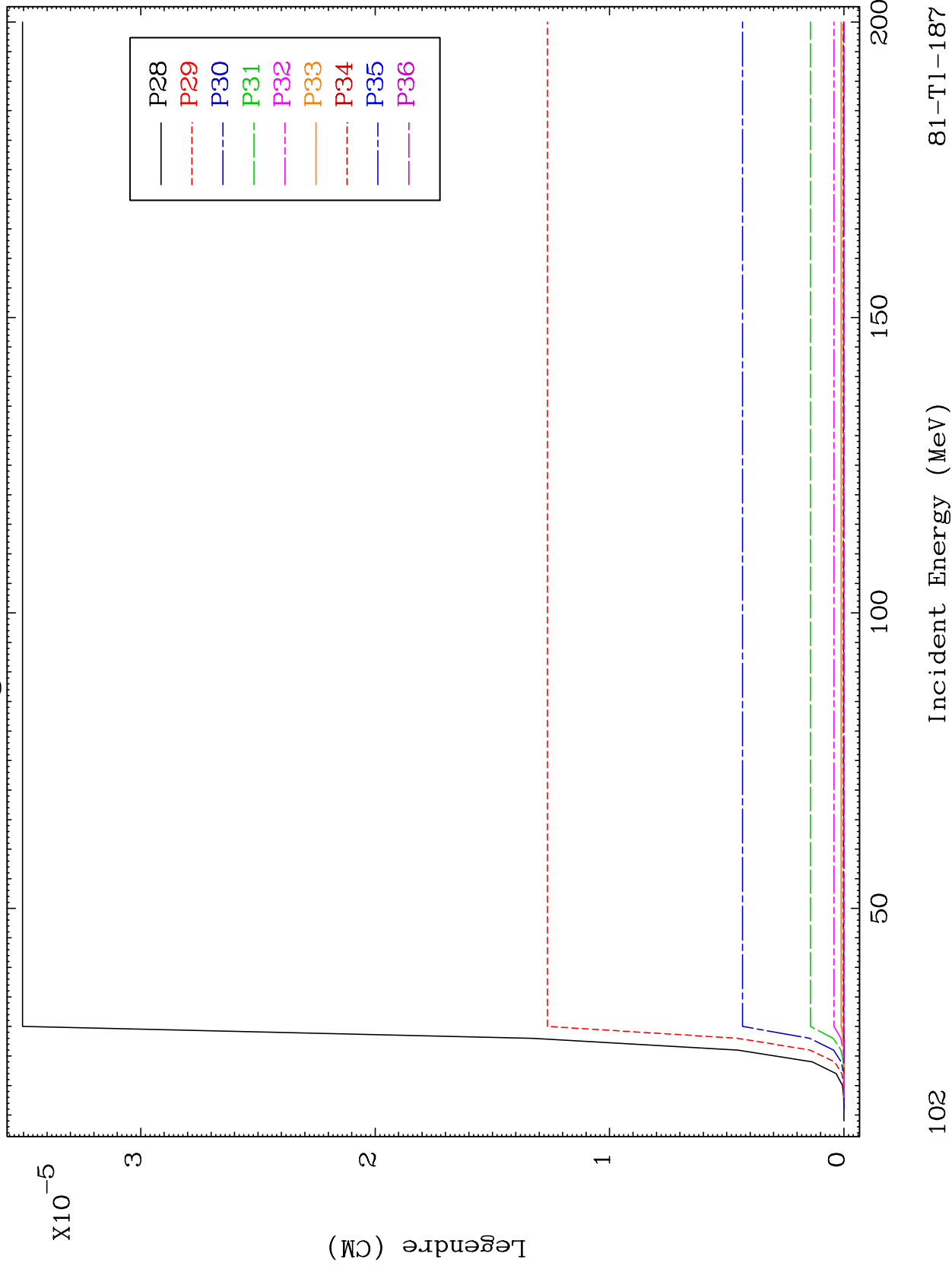
Incident Energy (MeV)

81-Tl-187

MAT 8077

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

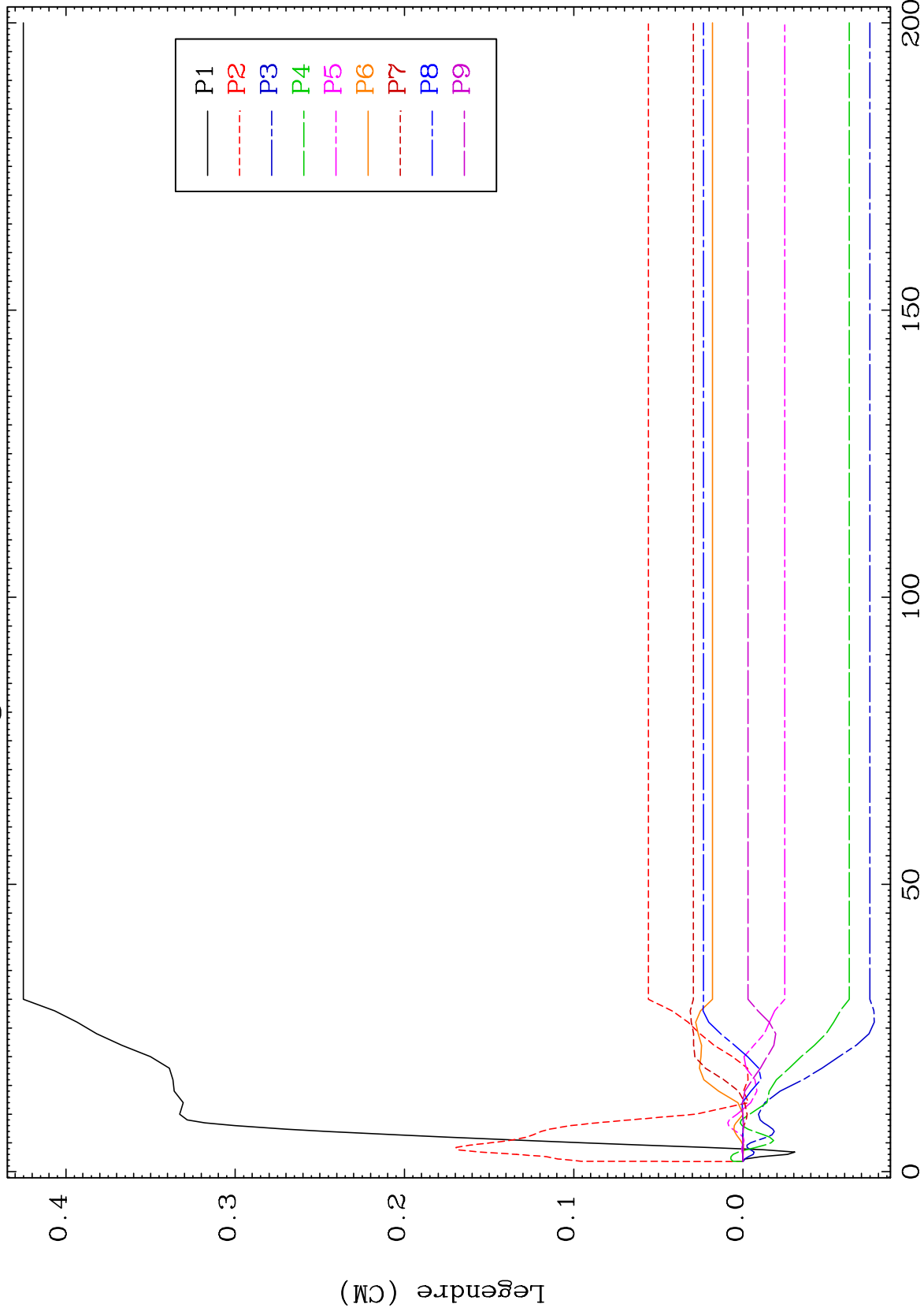
81-Tl-187



MAT 80777

MT= 72 (n,n') Level
Legendre Coefficients

81-T1-187



103

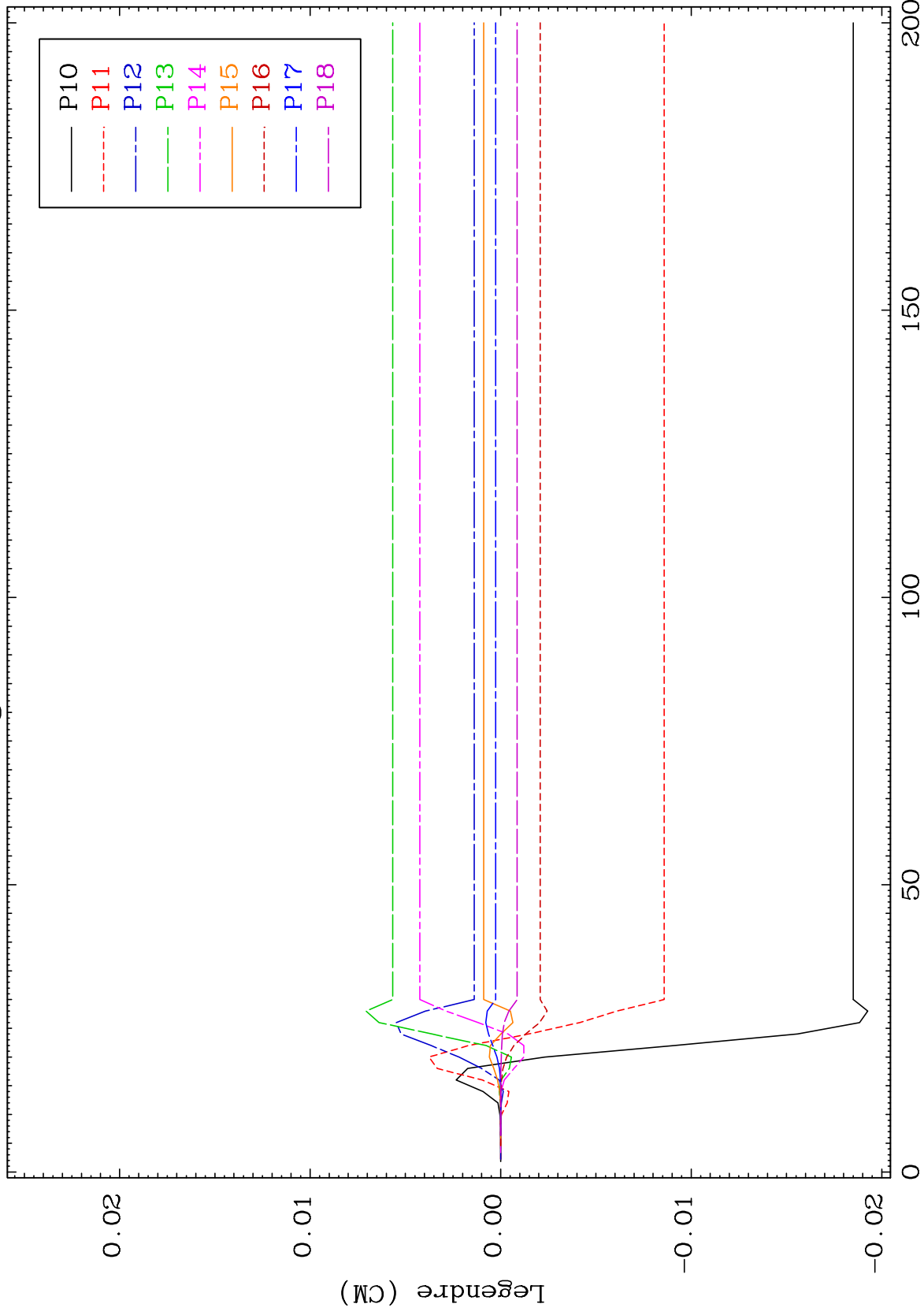
Incident Energy (MeV)

81-T1-187

MAT 80777

MT= 72 (n,n') Level
Legendre Coefficients

81-T1-187



104

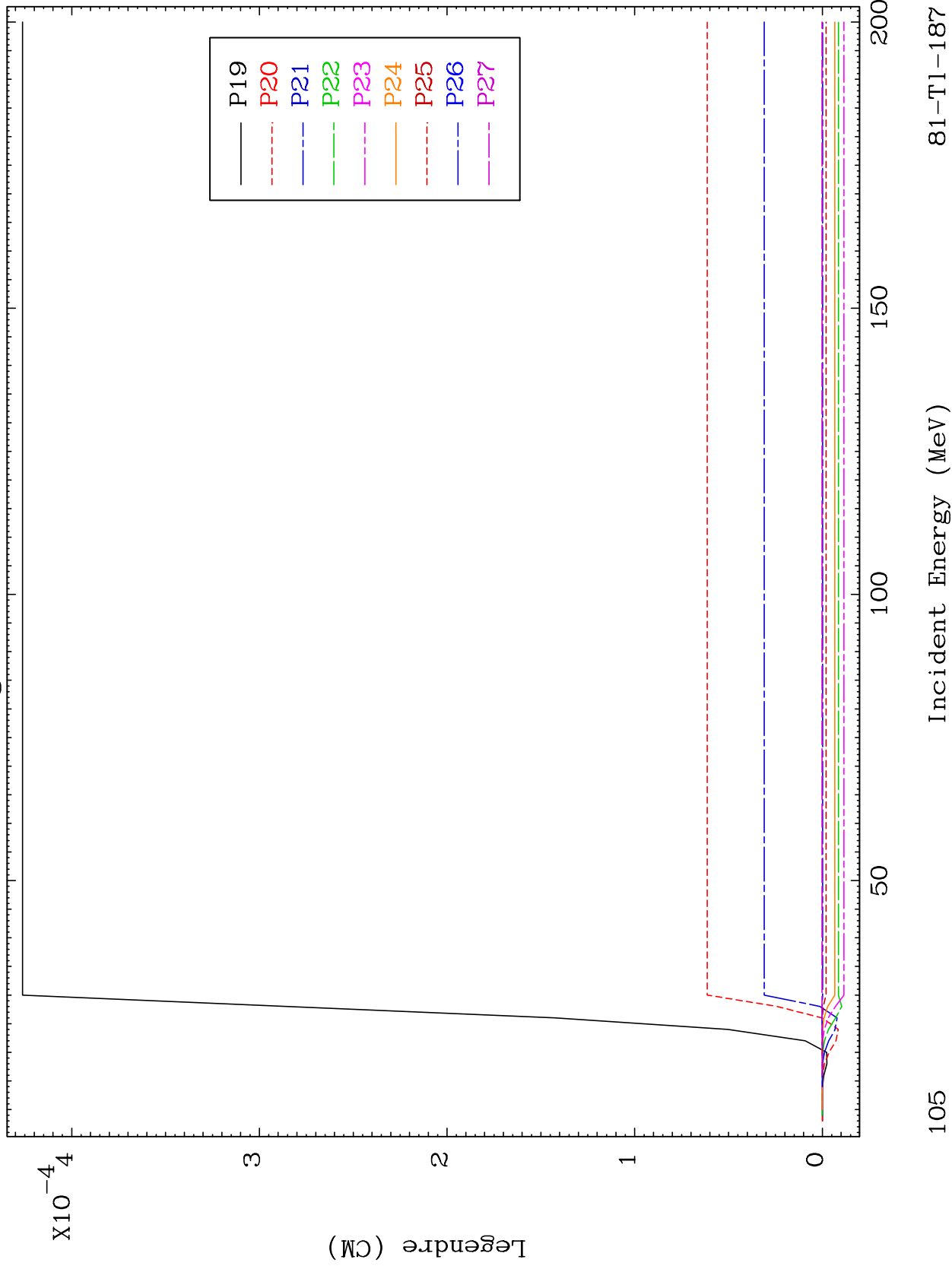
Incident Energy (MeV)

81-T1-187

MAT 8077

MT= 72 (n,n') Level
Legendre Coefficients

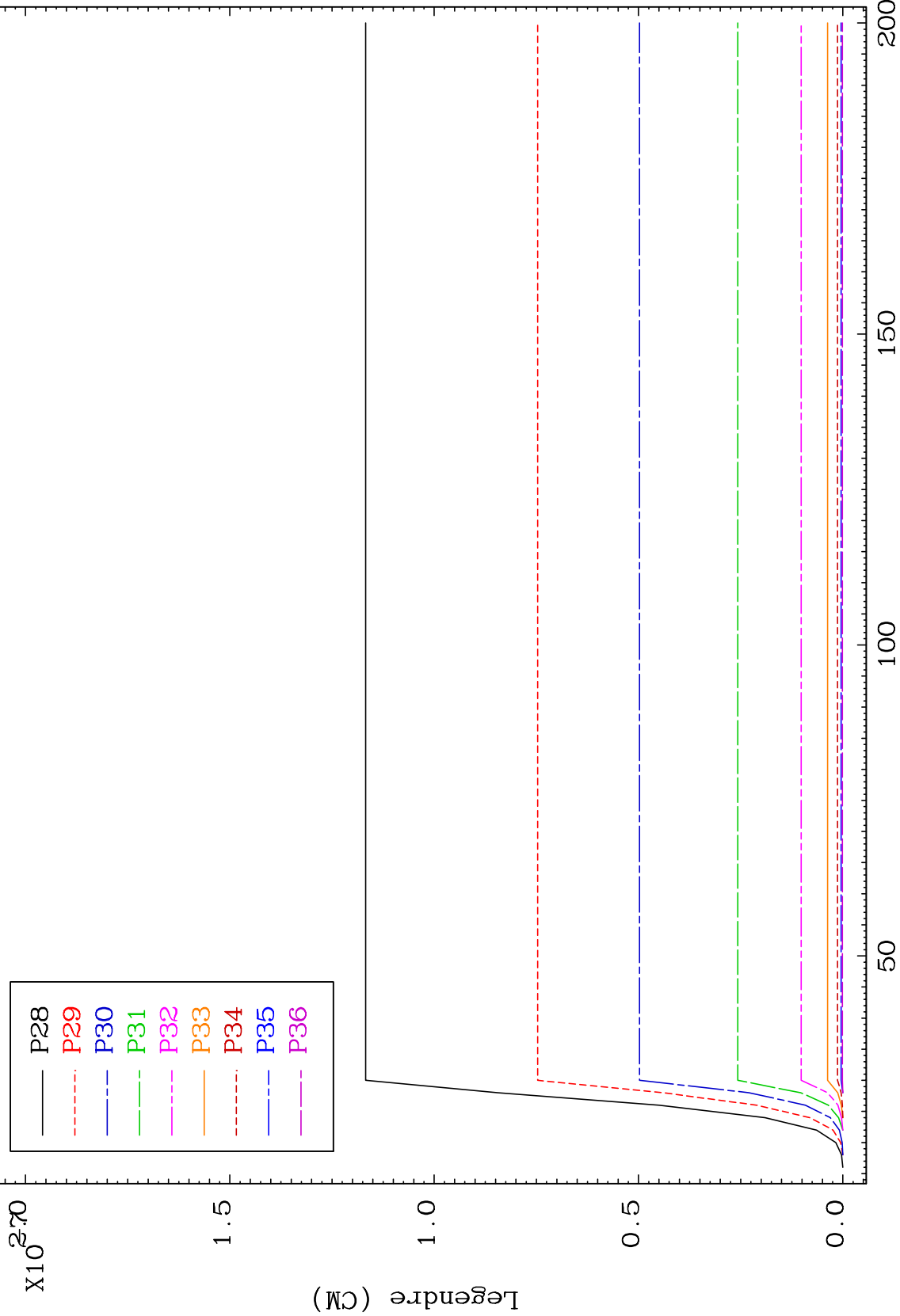
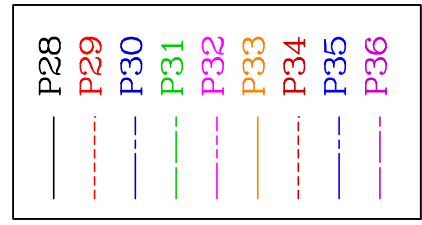
81-Tl-187



MAT 8077

MT= 72 (n,n') Level
Legendre Coefficients

81-Tl-187



106

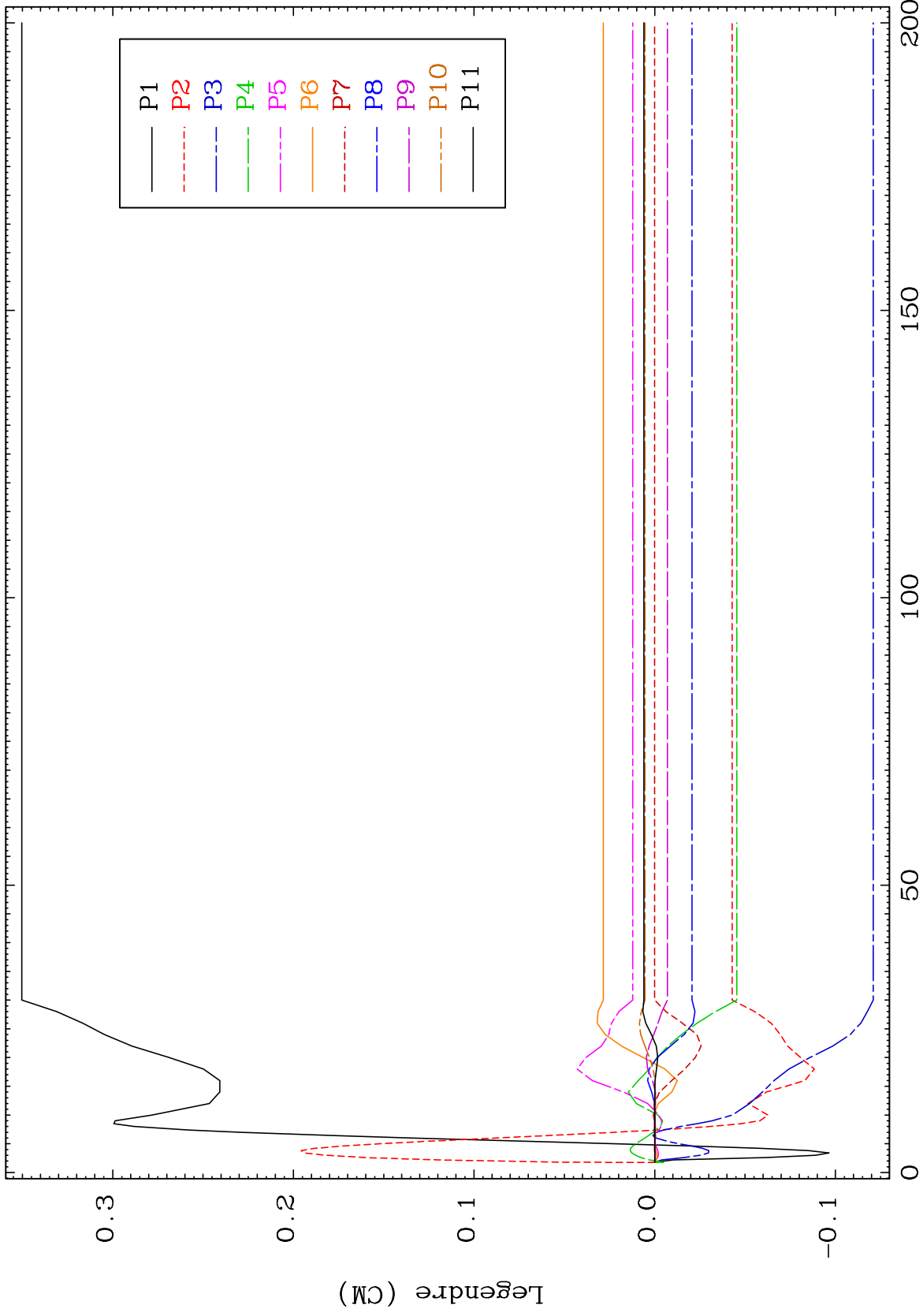
Incident Energy (MeV)

81-Tl-187

MAT 8077

MT= 73 (n,n') Level
Legendre Coefficients

81-Tl-187



107

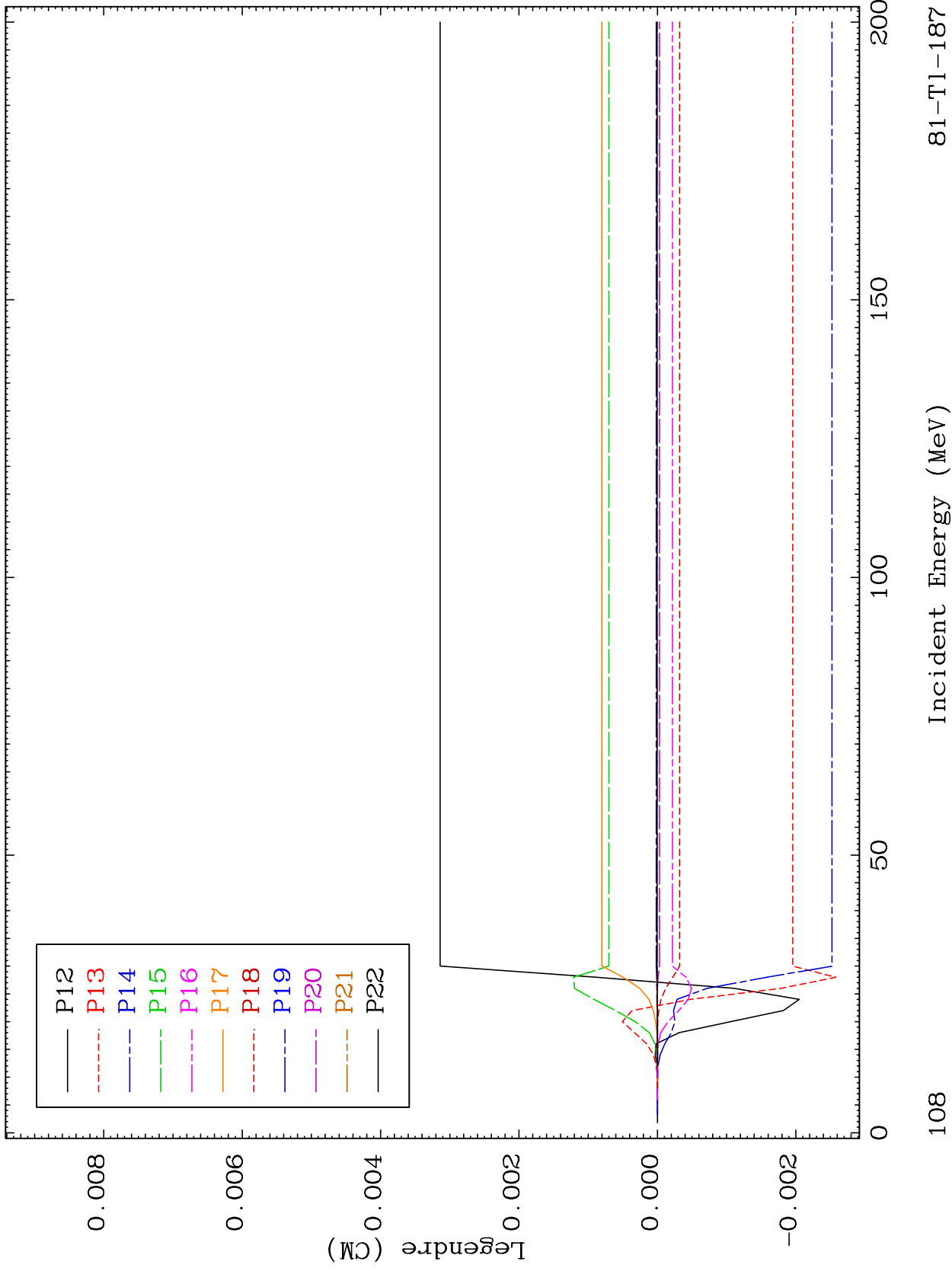
Incident Energy (MeV)

81-Tl-187

MAT 8077

MT= 73 (n,n') Level
Legendre Coefficients

81-Tl-187



108

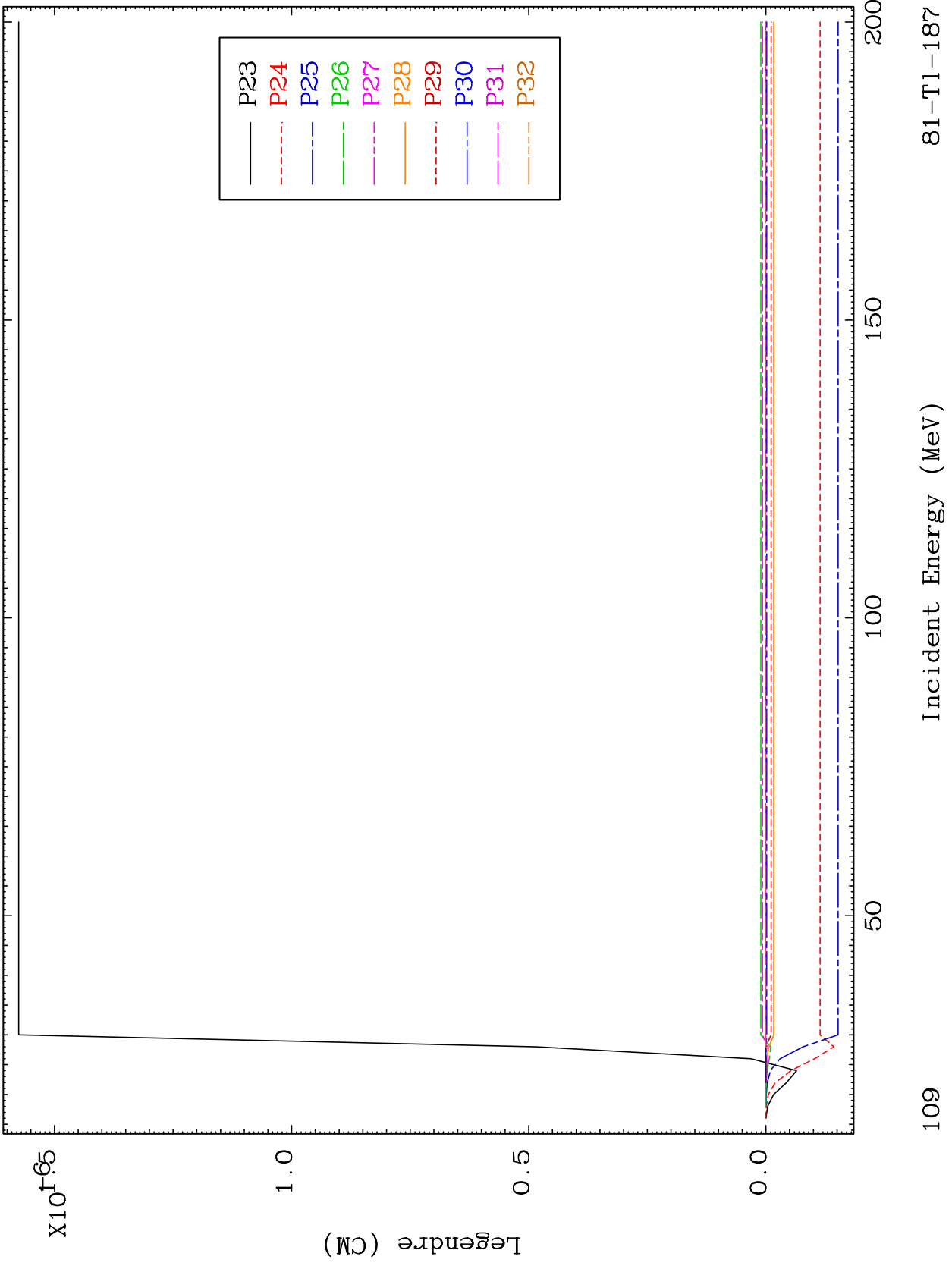
Incident Energy (MeV)

81-Tl-187

MAT 8077

MT= 73 (n,n') Level
Legendre Coefficients

81-T1-187



109

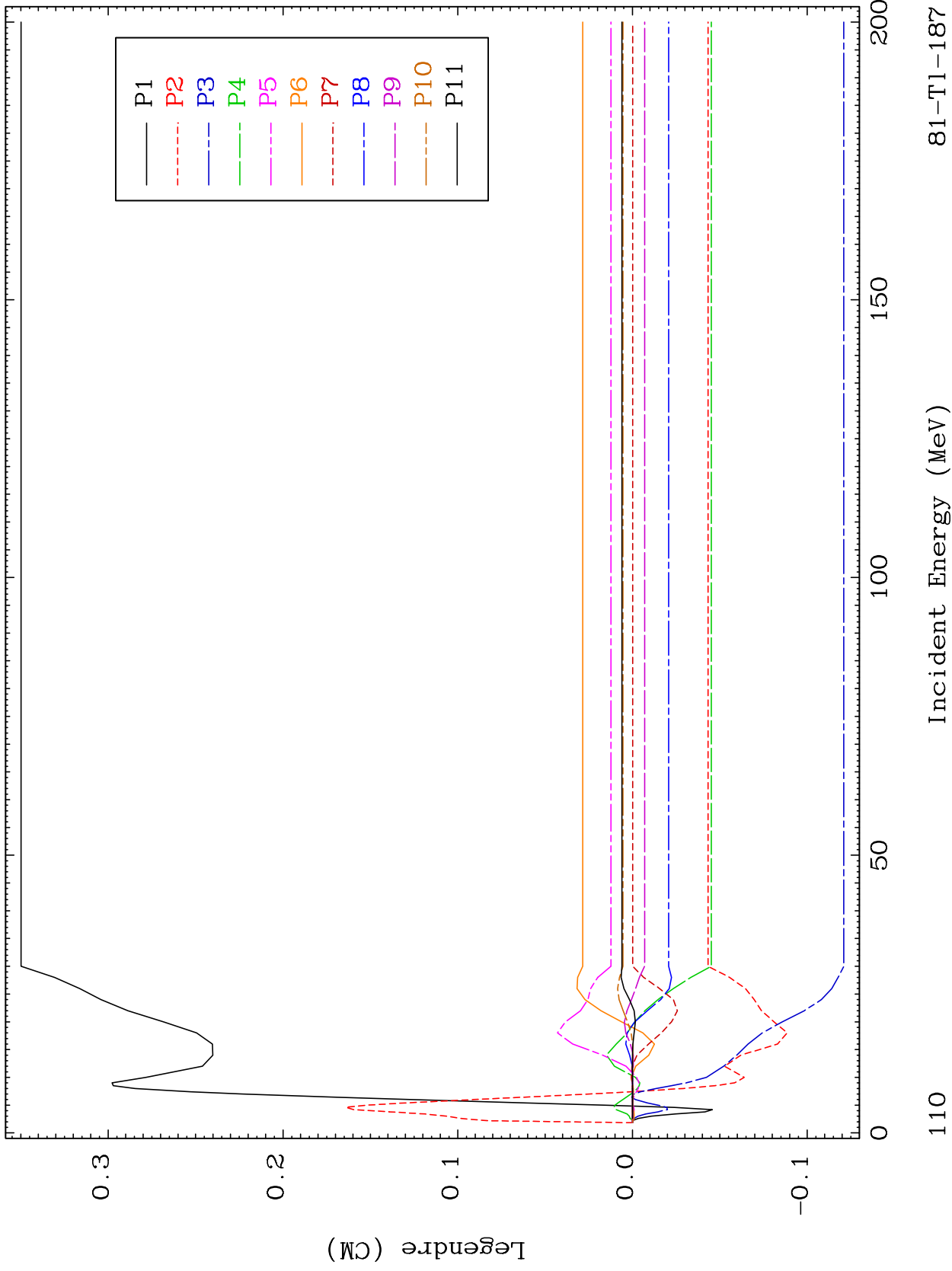
Incident Energy (MeV)

81-T1-187

MAT 80777

MT= 74 (n,n') Level
Legendre Coefficients

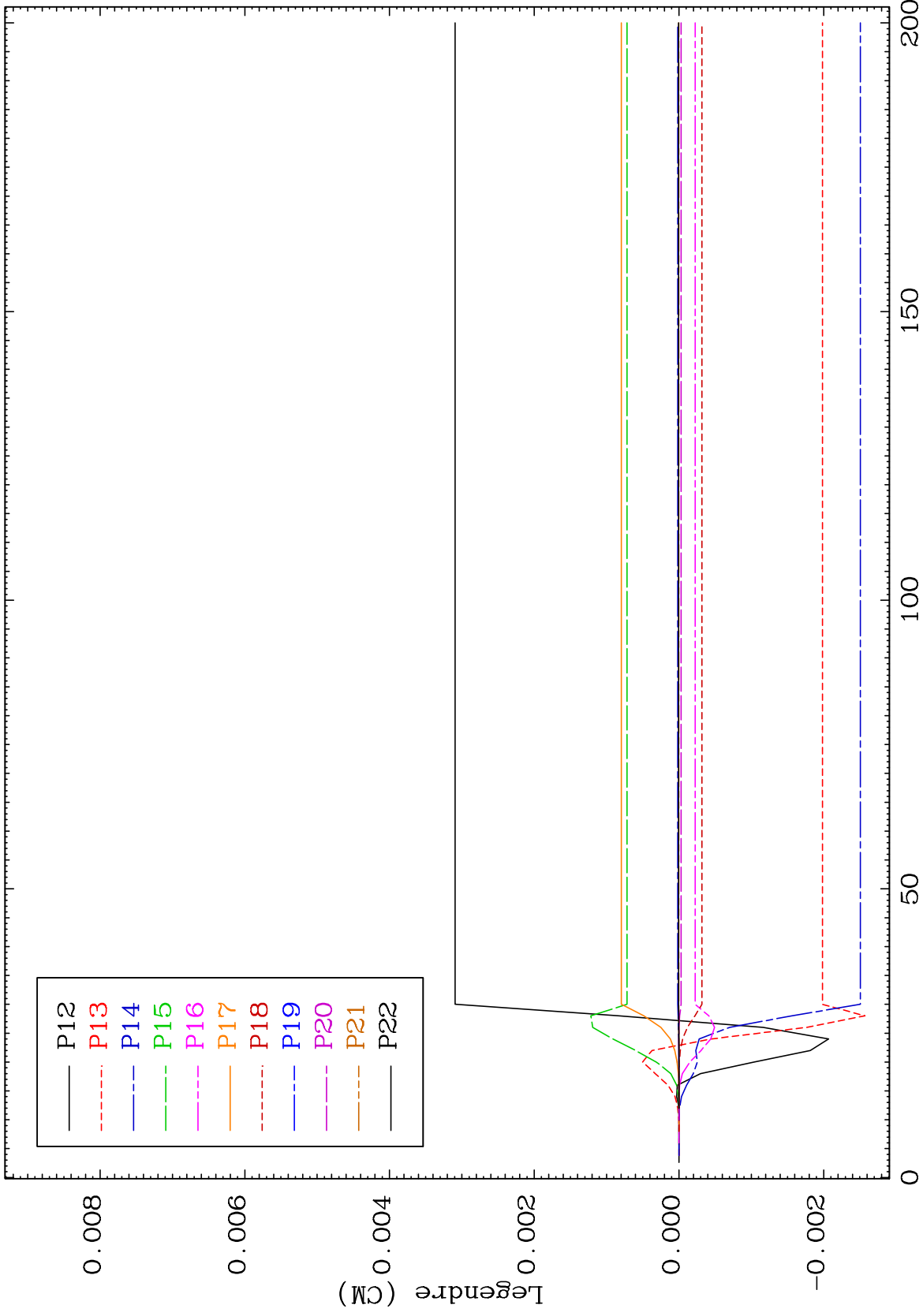
81-T1-187



MAT 8077

MT= 74 (n,n') Level
Legendre Coefficients

81-Tl-187



111

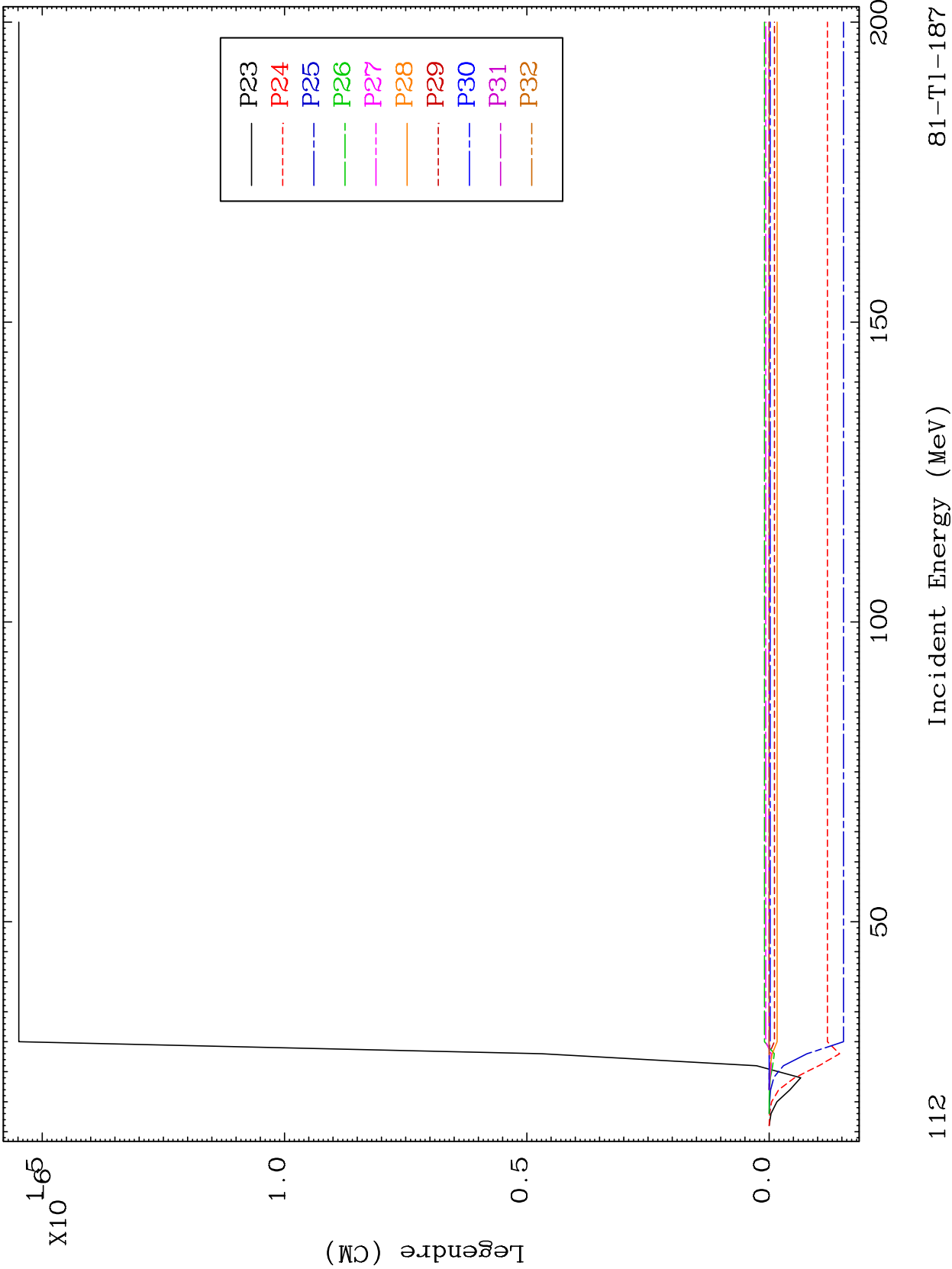
Incident Energy (MeV)

81-Tl-187

MAT 80777

MT= 74 (n,n') Level
Legendre Coefficients

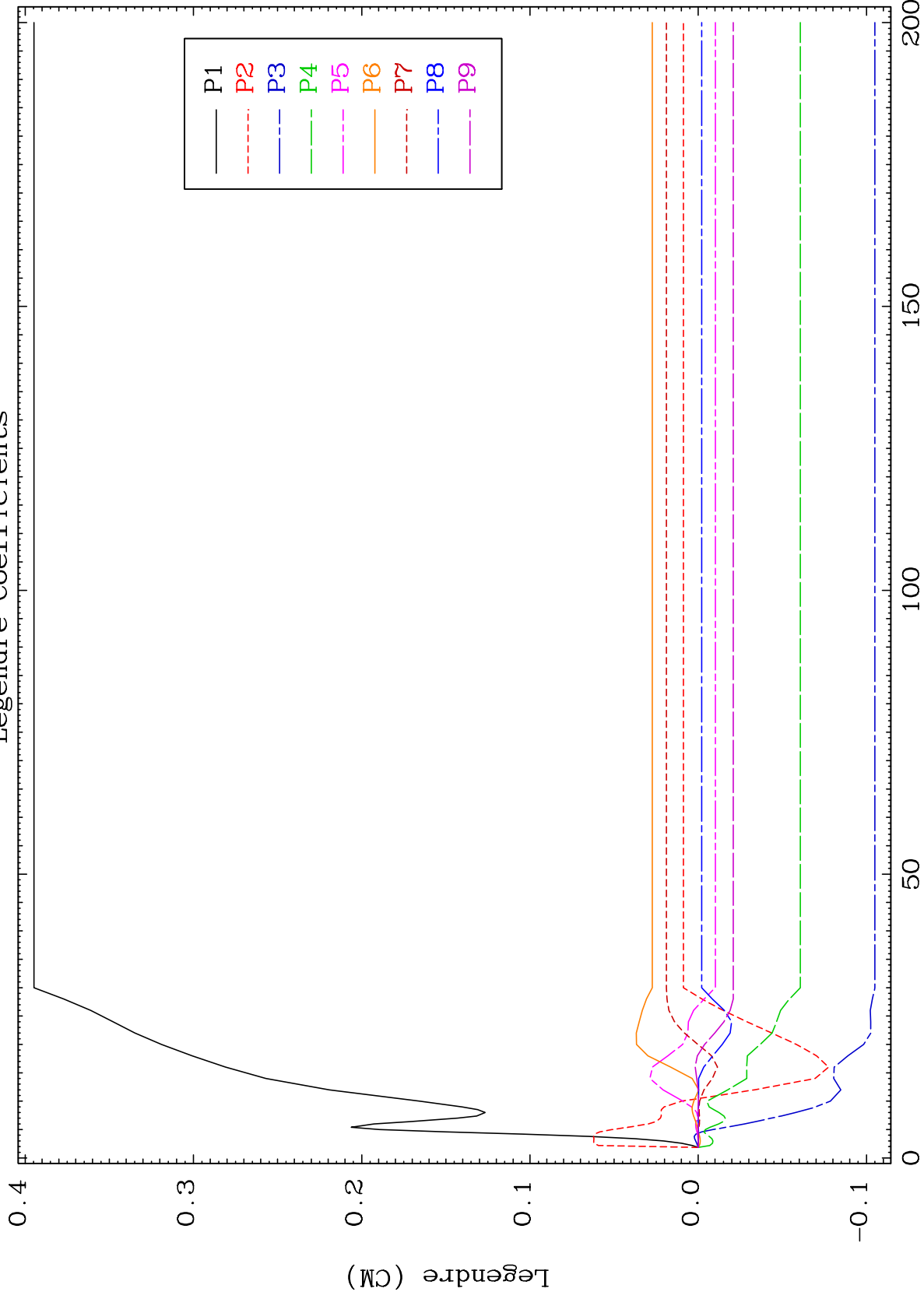
81-Tl-187



MAT 80777

MT= 75 (n,n') Level
Legendre Coefficients

81-T1-187



113

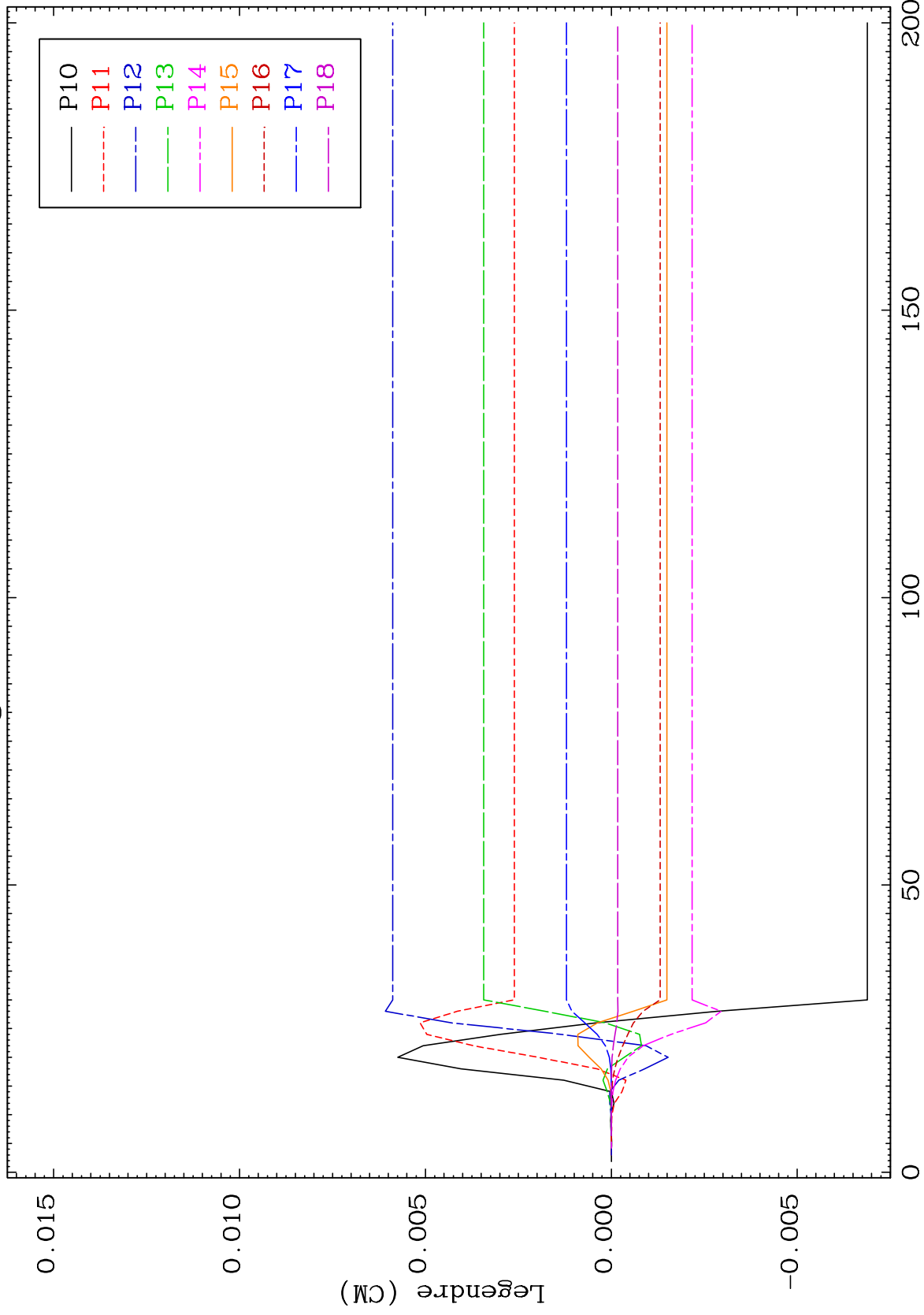
Incident Energy (MeV)

81-T1-187

MAT 8077

MT= 75 (n,n') Level
Legendre Coefficients

81-T1-187



114

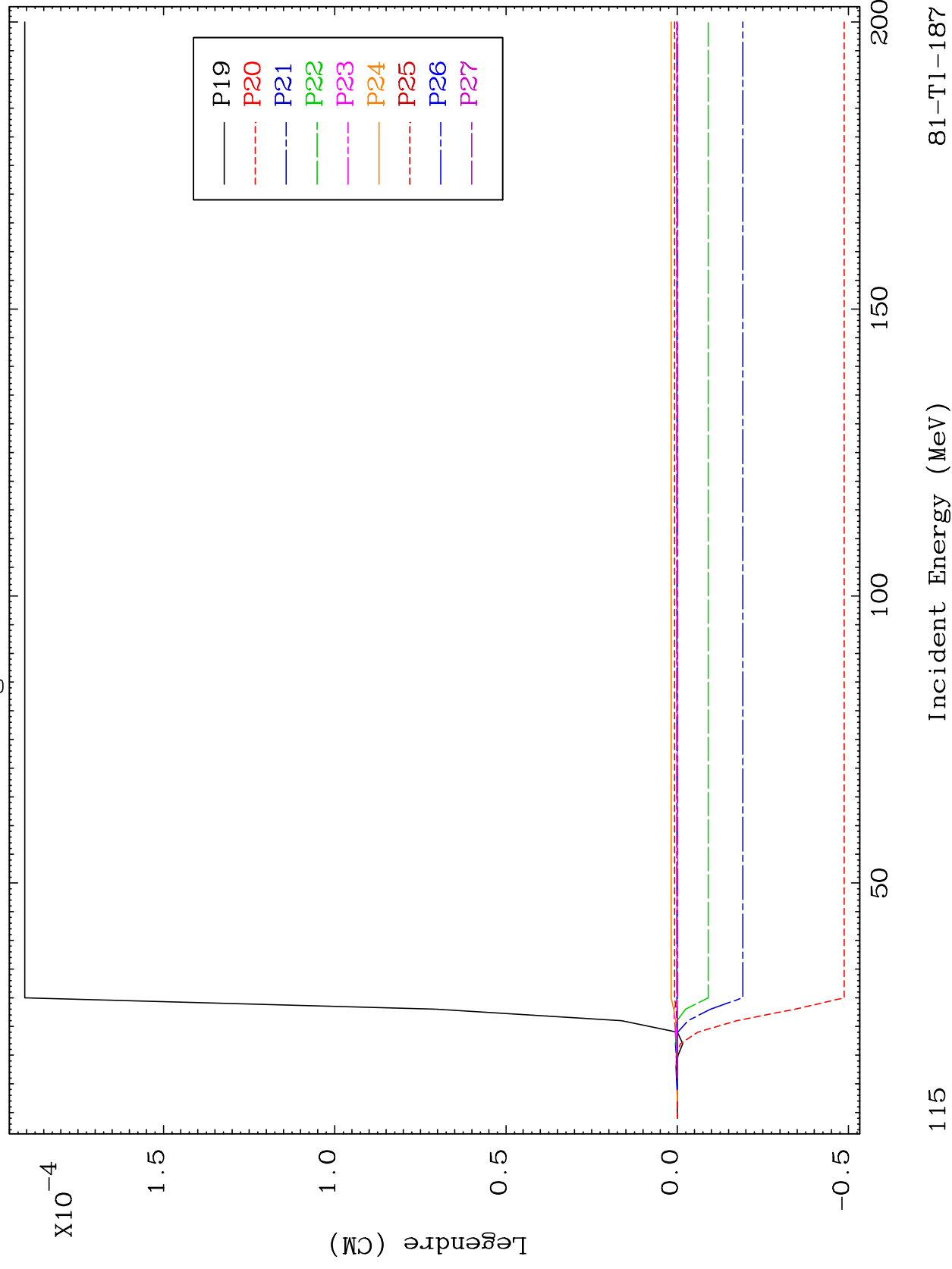
Incident Energy (MeV)

81-T1-187

MAT 8077

MT= 75 (n,n') Level
Legendre Coefficients

81-Tl-187



115

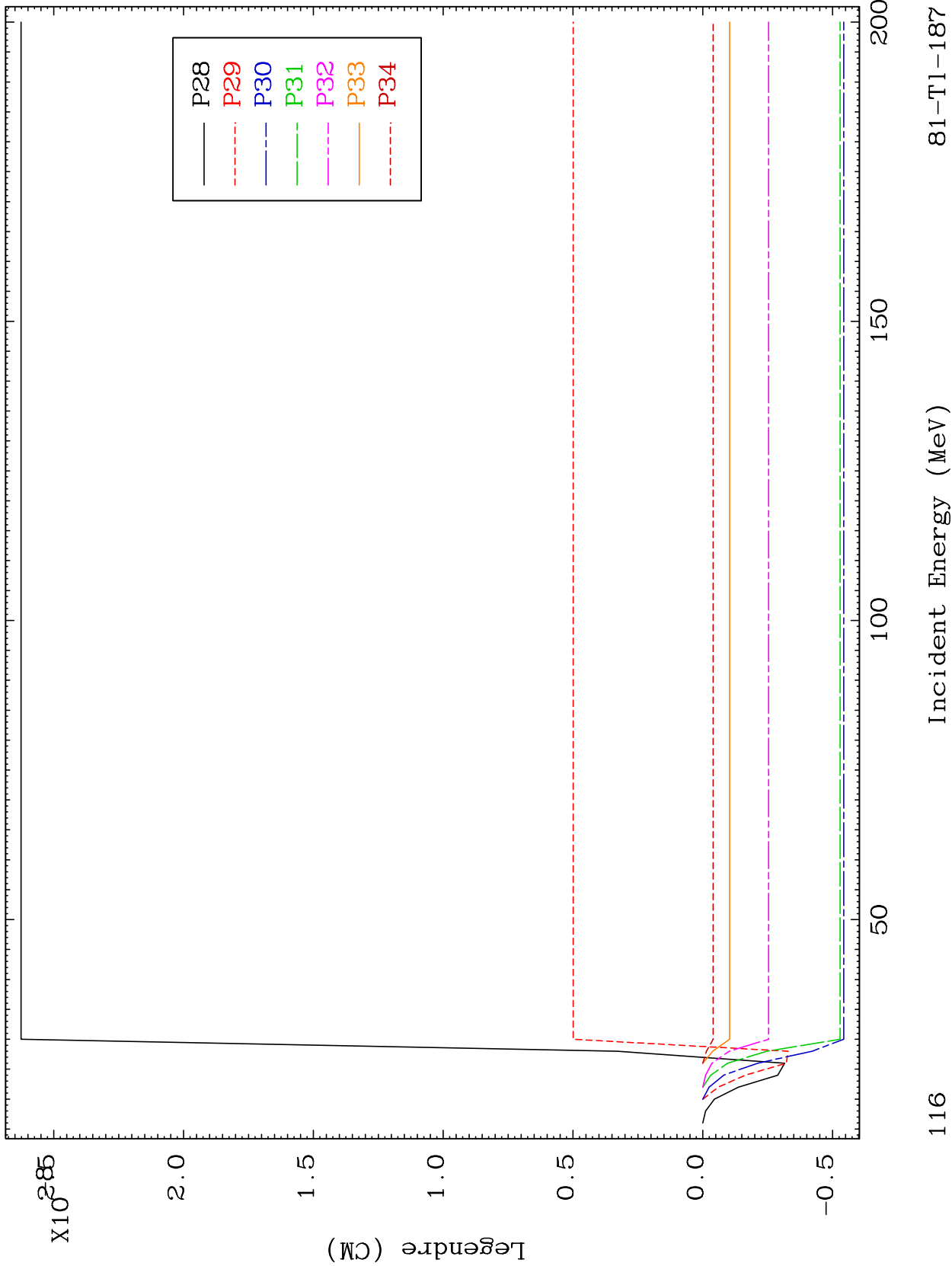
Incident Energy (MeV)

81-Tl-187

MAT 8077

MT= 75 (n,n') Level
Legendre Coefficients

81-Tl-187



116

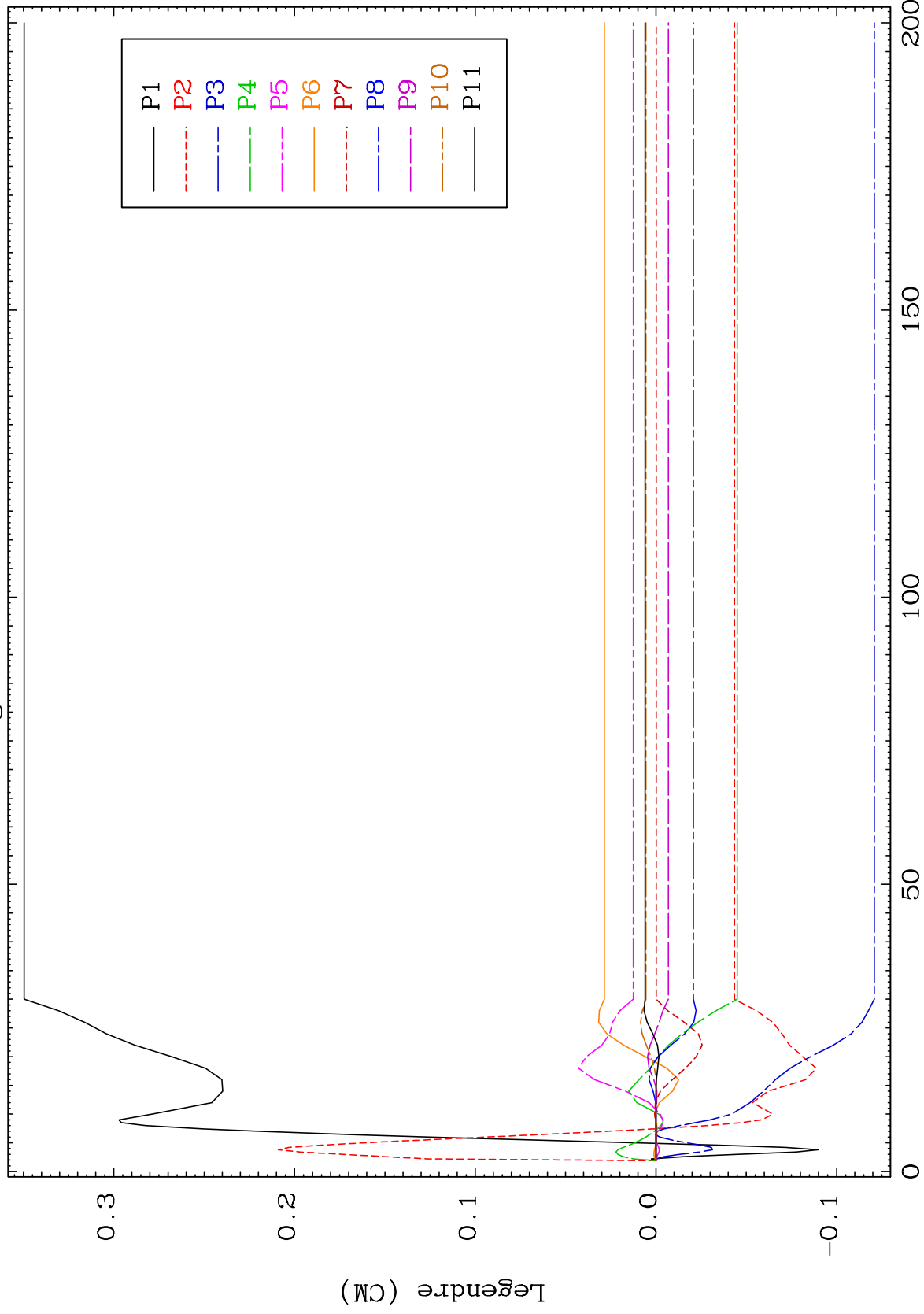
Incident Energy (MeV)

81-Tl-187

MAT 8077

MT= 76 (n,n') Level
Legendre Coefficients

81-T1-187



117

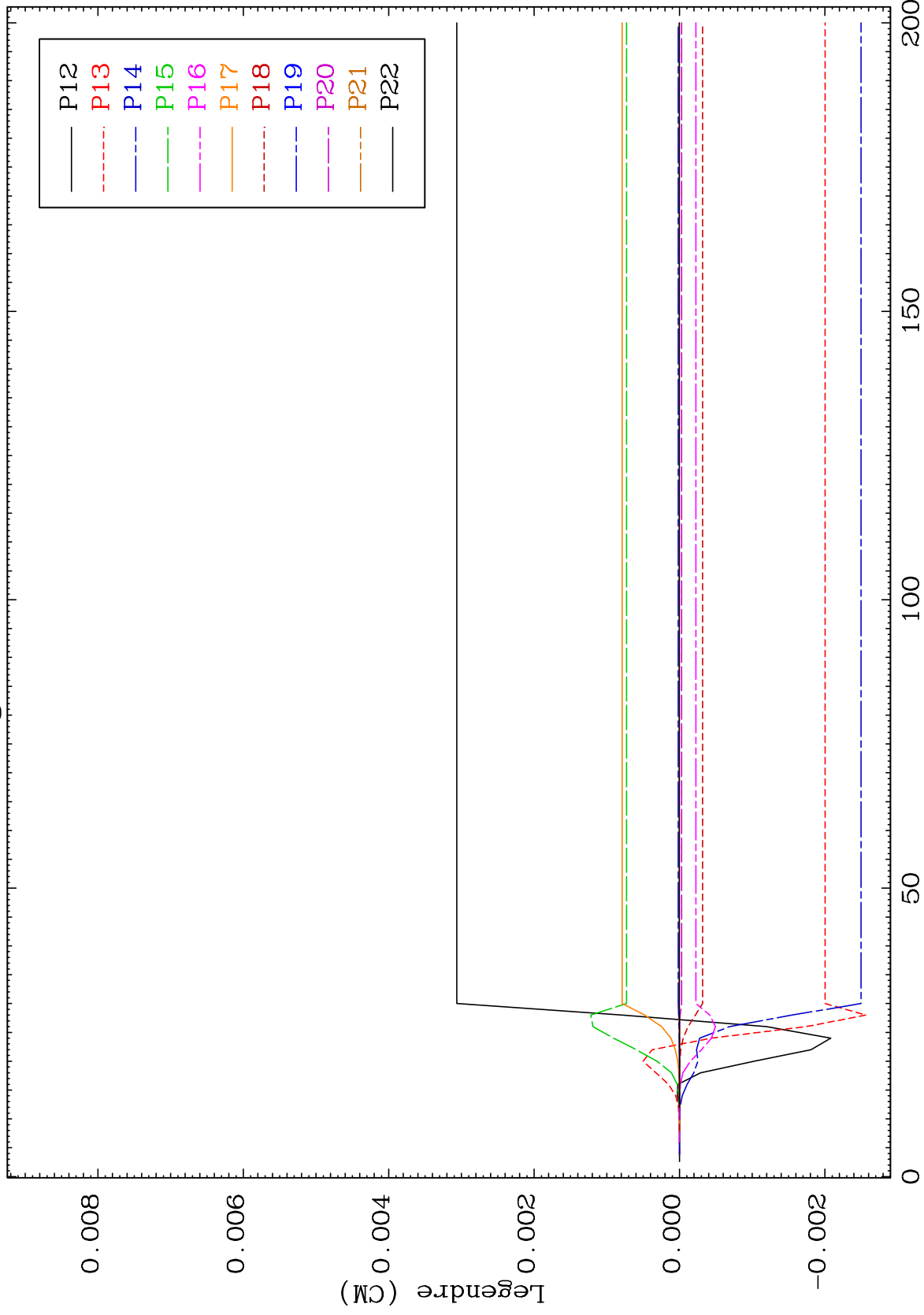
Incident Energy (MeV)

81-T1-187

MAT 8077

MT= 76 (n,n') Level
Legendre Coefficients

81-Tl-187



118

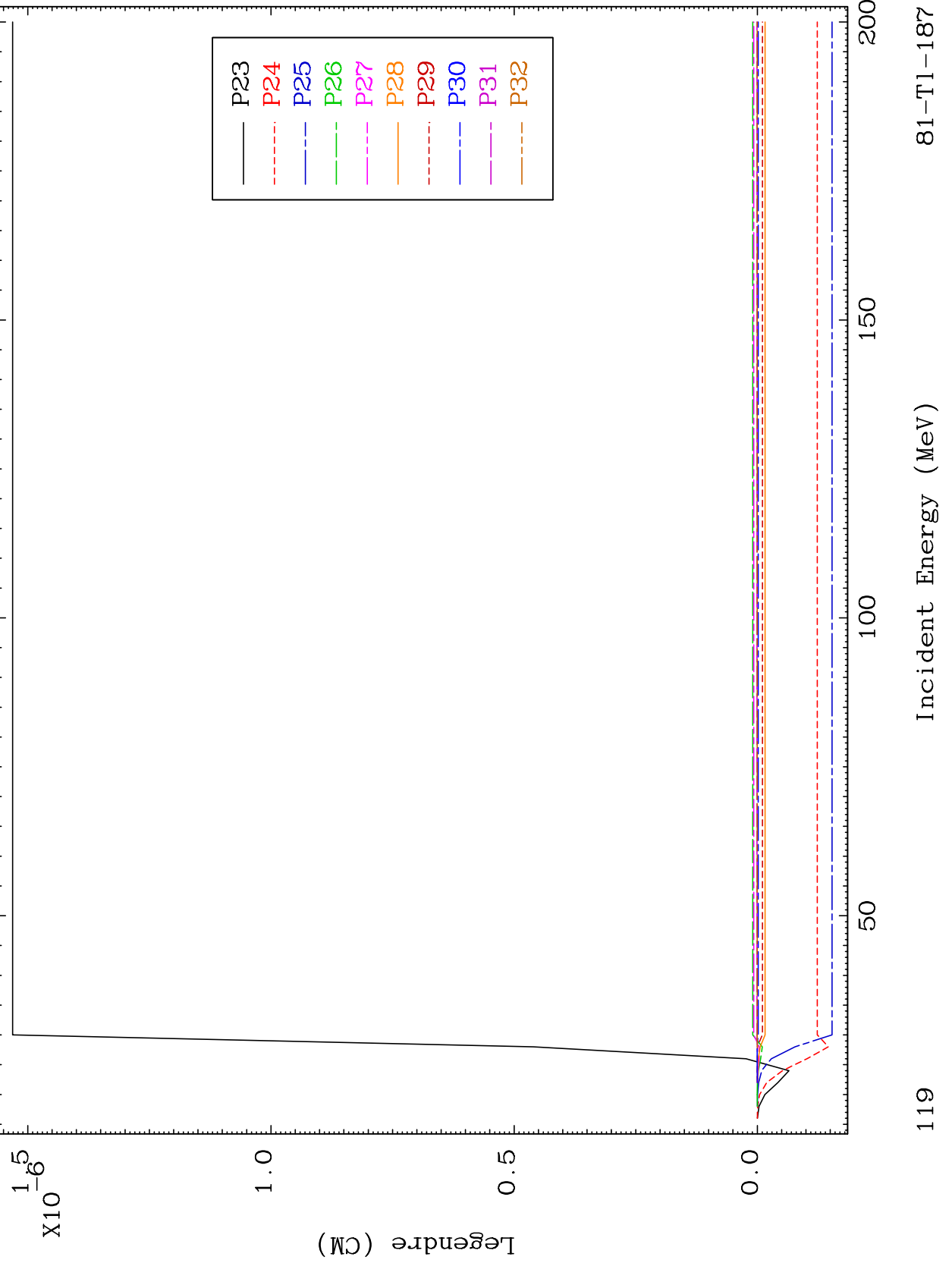
Incident Energy (MeV)

81-Tl-187

MAT 8077

MT= 76 (n,n') Level
Legendre Coefficients

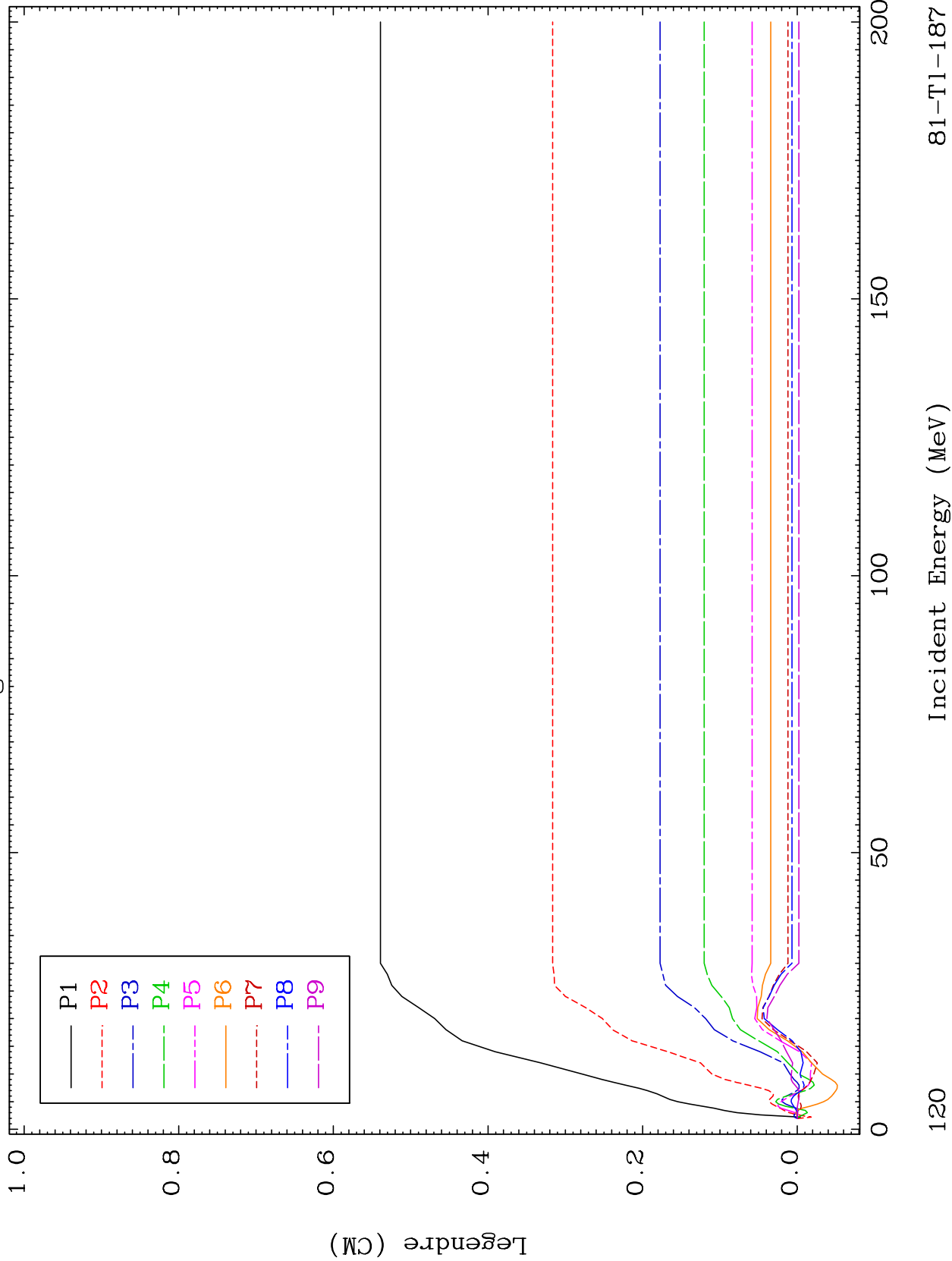
81-Tl-187



MAT 80777

MT= 77 (n,n') Level
Legendre Coefficients

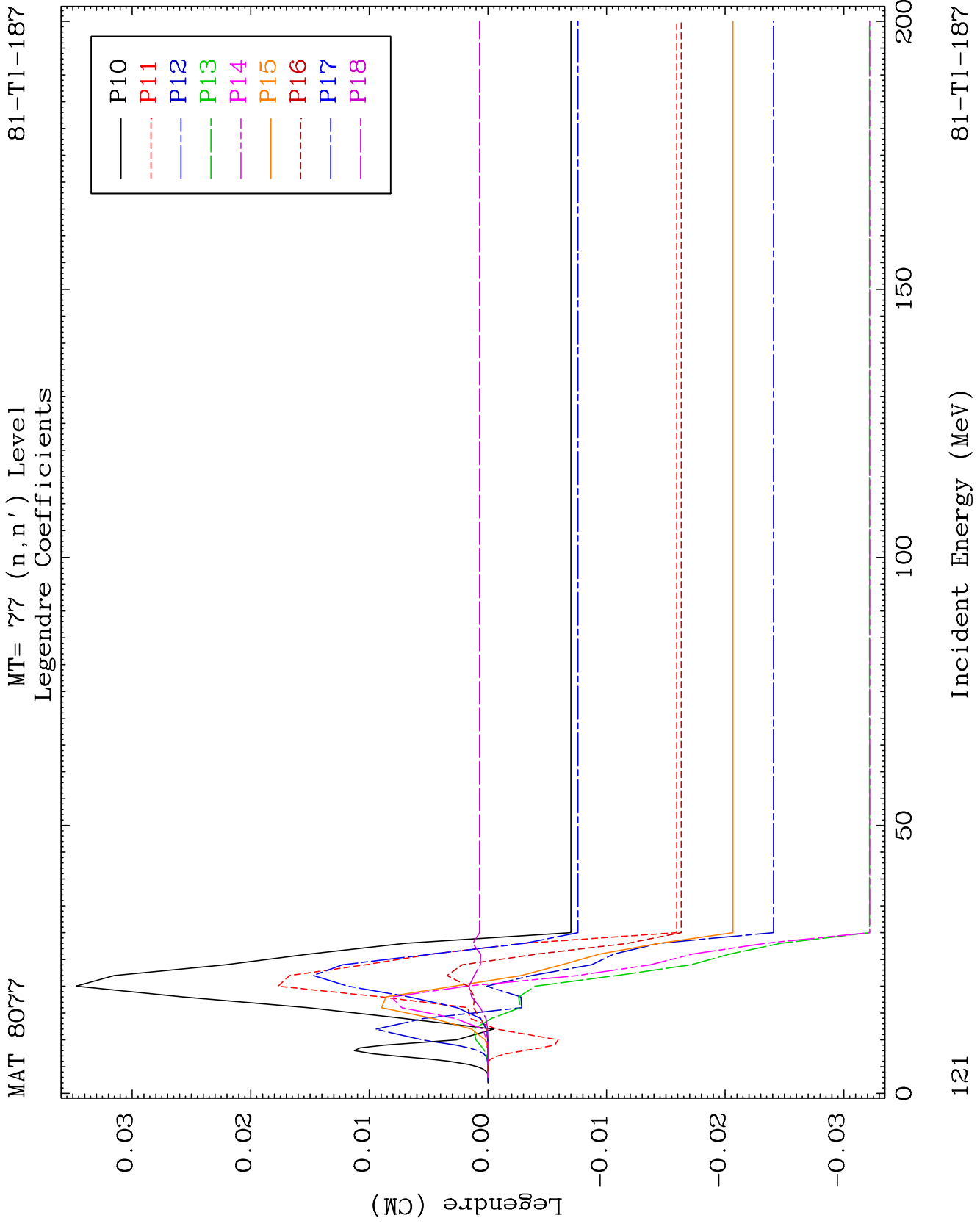
81-Tl-187



81-Tl-187

Incident Energy (MeV)

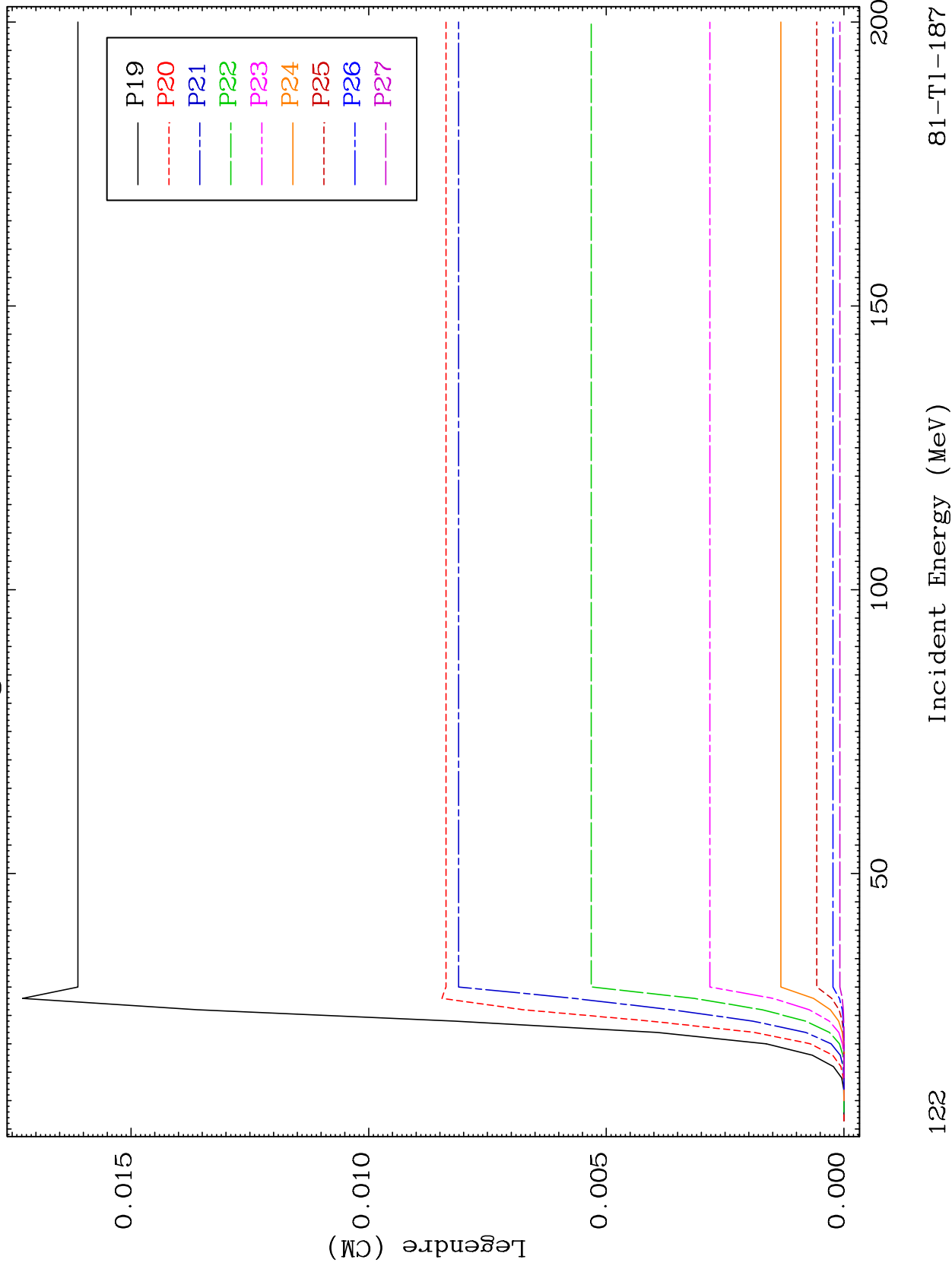
120



MAT 8077

MT= 77 (n,n') Level
Legendre Coefficients

81-Tl-187



122

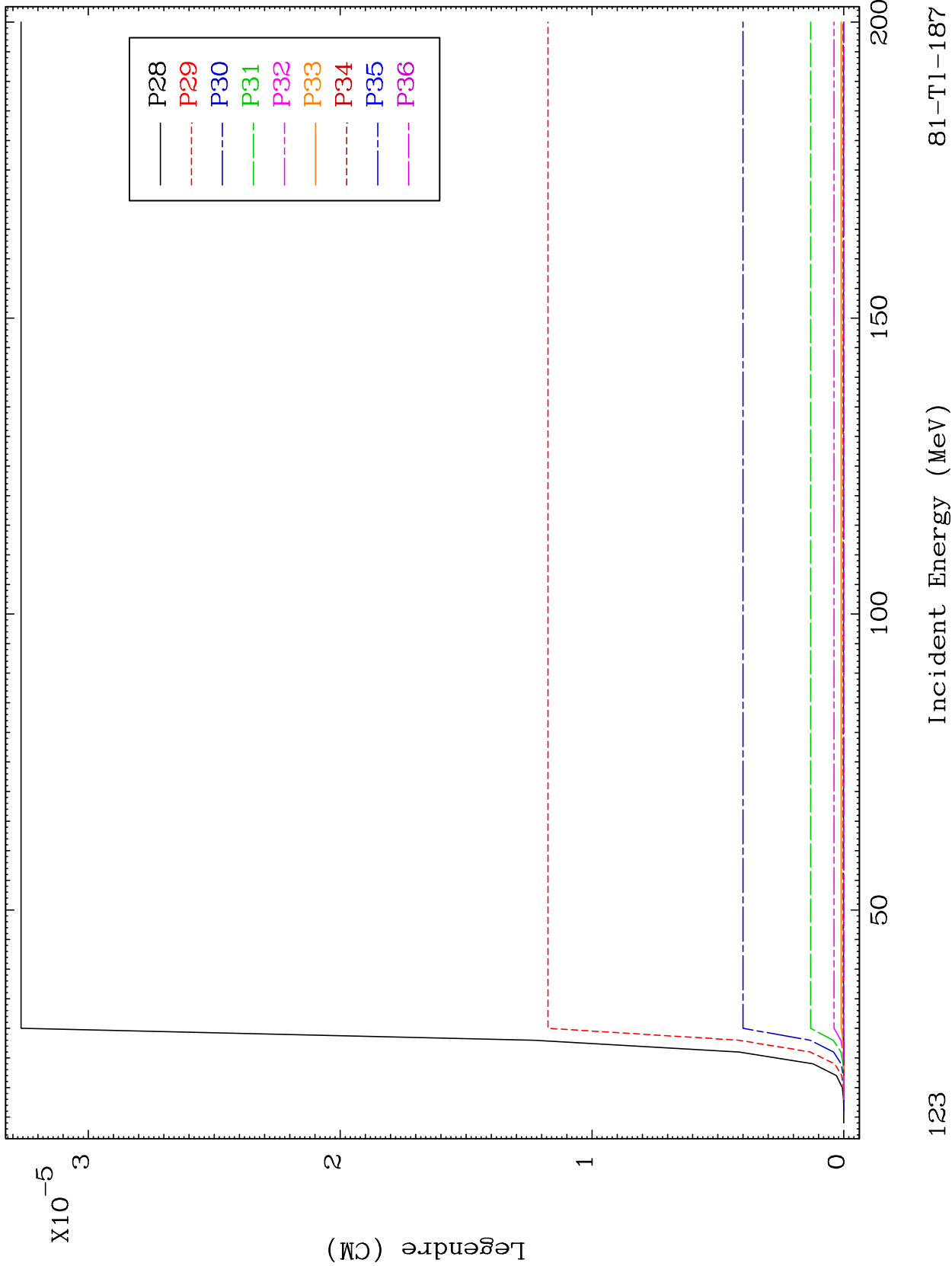
Incident Energy (MeV)

81-Tl-187

MAT 80777

MT= 77 (n,n') Level
Legendre Coefficients

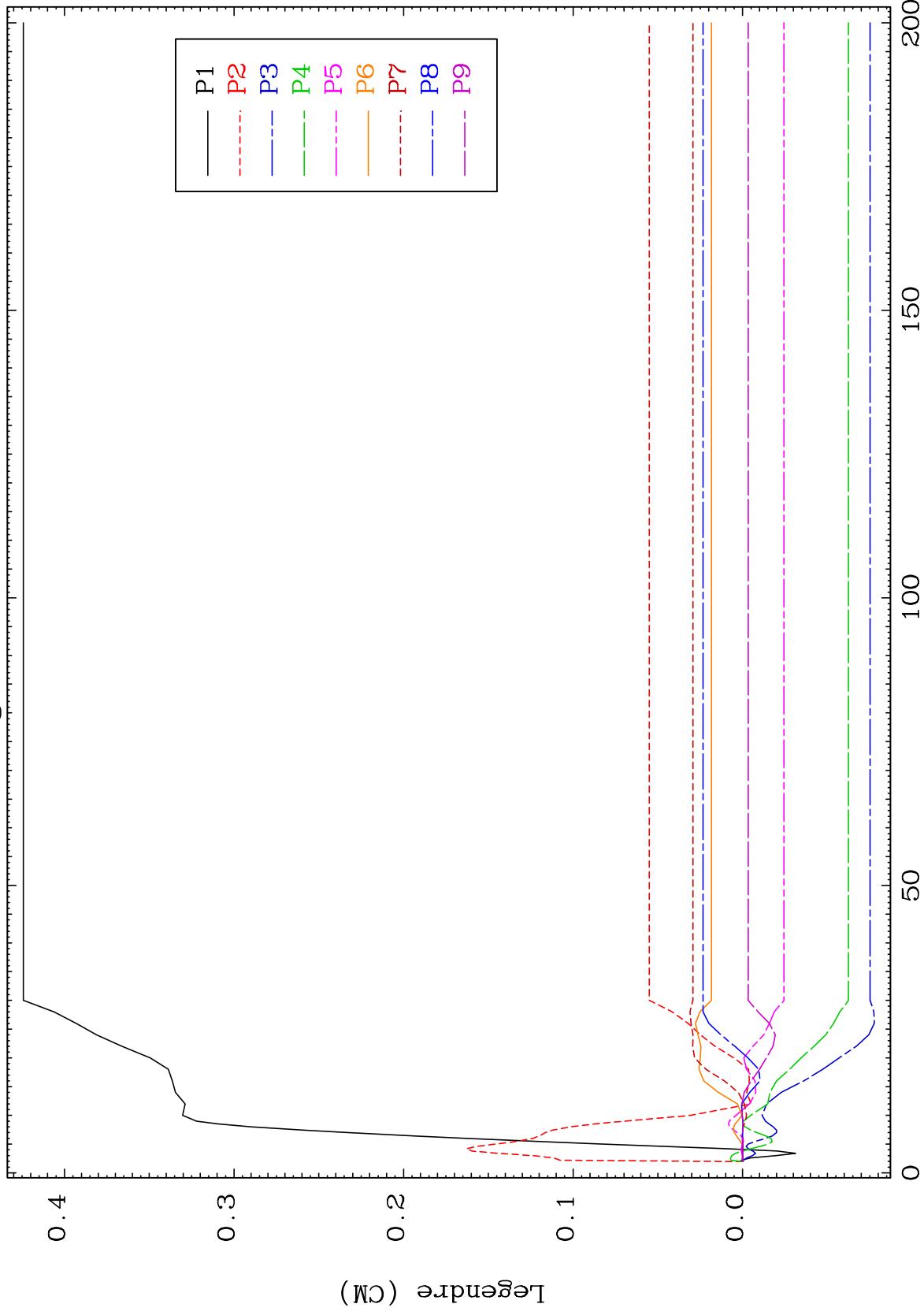
81-Tl-187



MAT 8077

MT= 78 (n,n') Level
Legendre Coefficients

81-T1-187



124

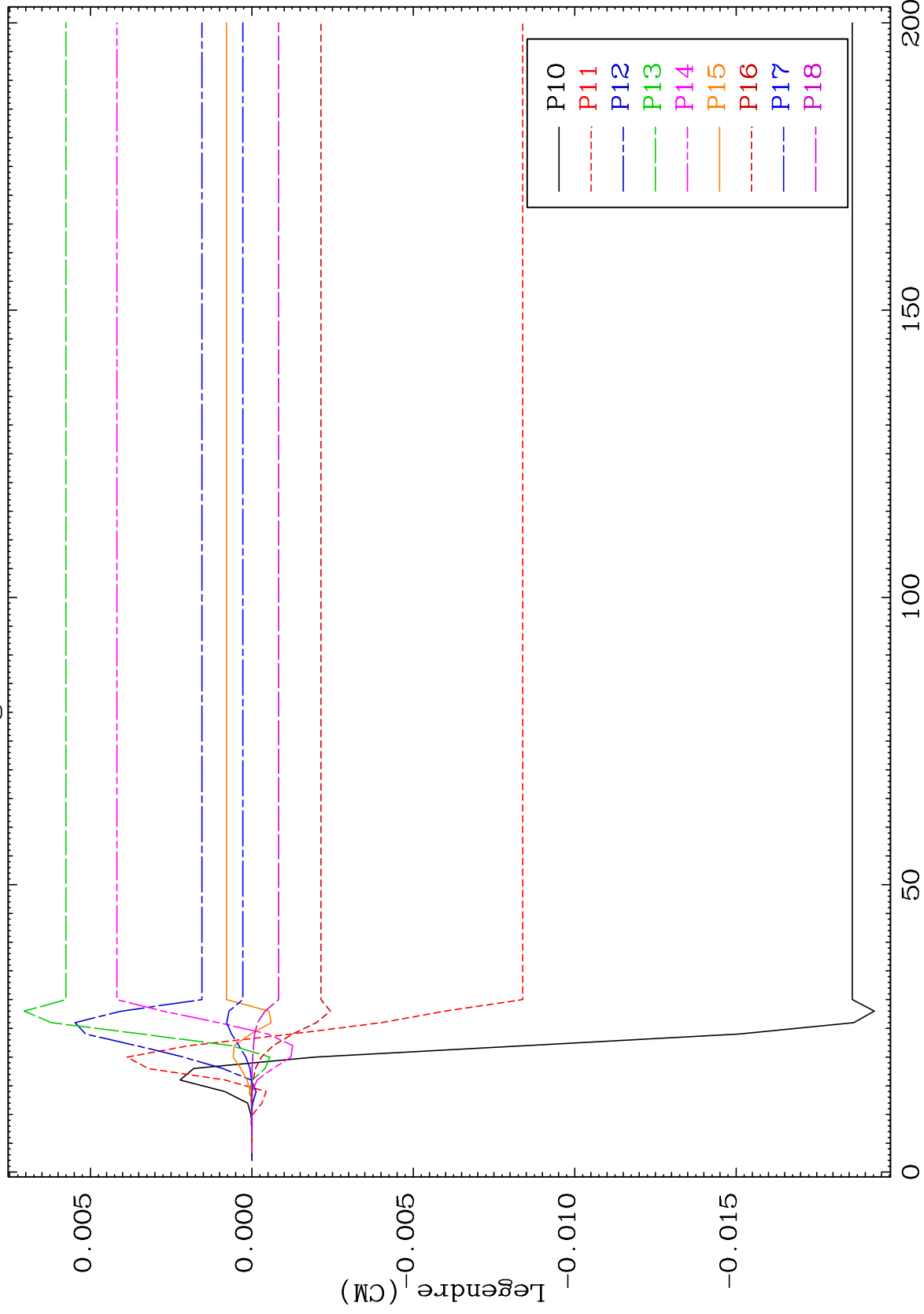
Incident Energy (MeV)

81-T1-187

MAT 8077

MT= 78 (n,n') Level
Legendre Coefficients

81-Tl-187



125

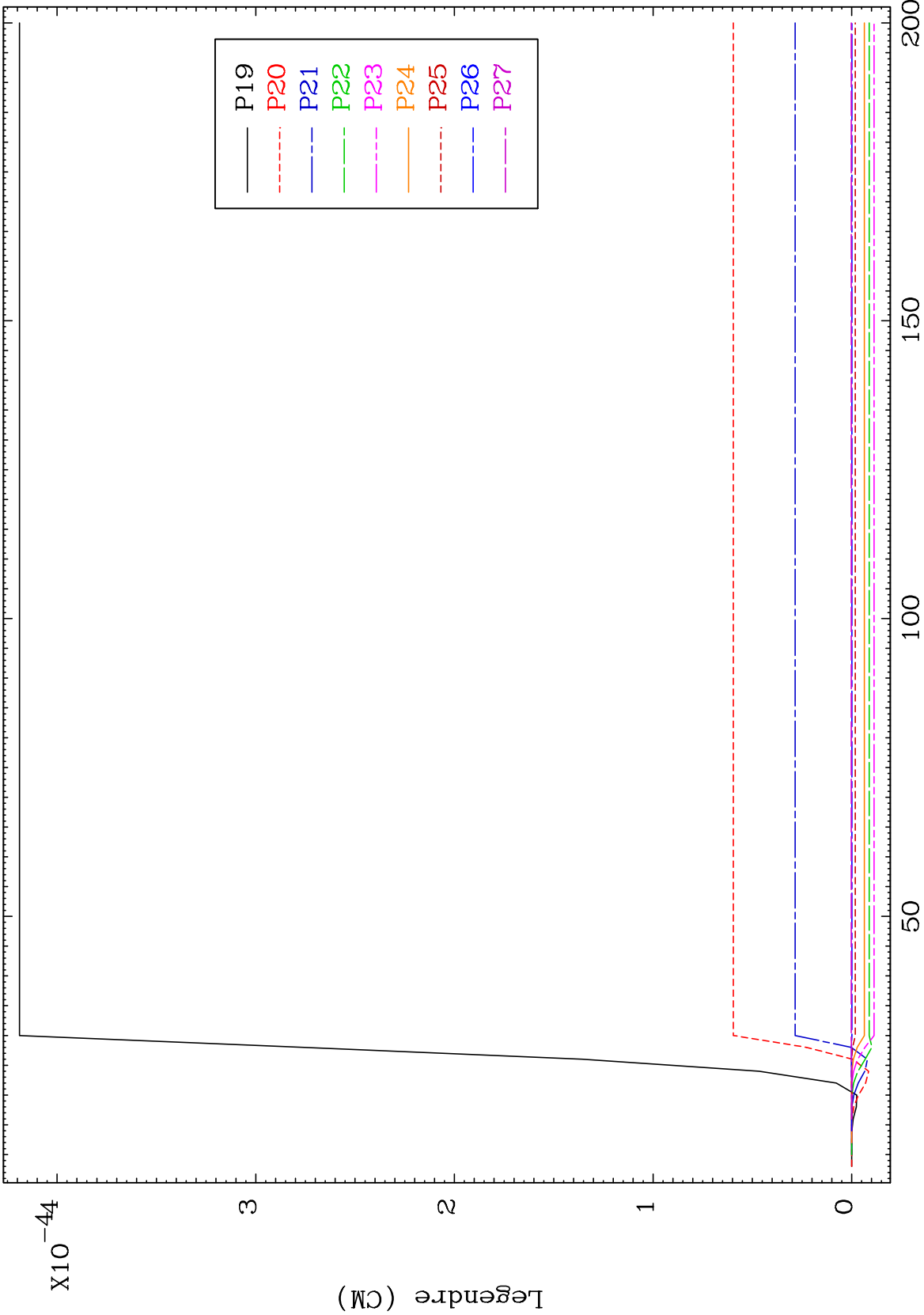
Incident Energy (MeV)

81-Tl-187

MAT 8077

MT= 78 (n,n') Level
Legendre Coefficients

81-T1-187



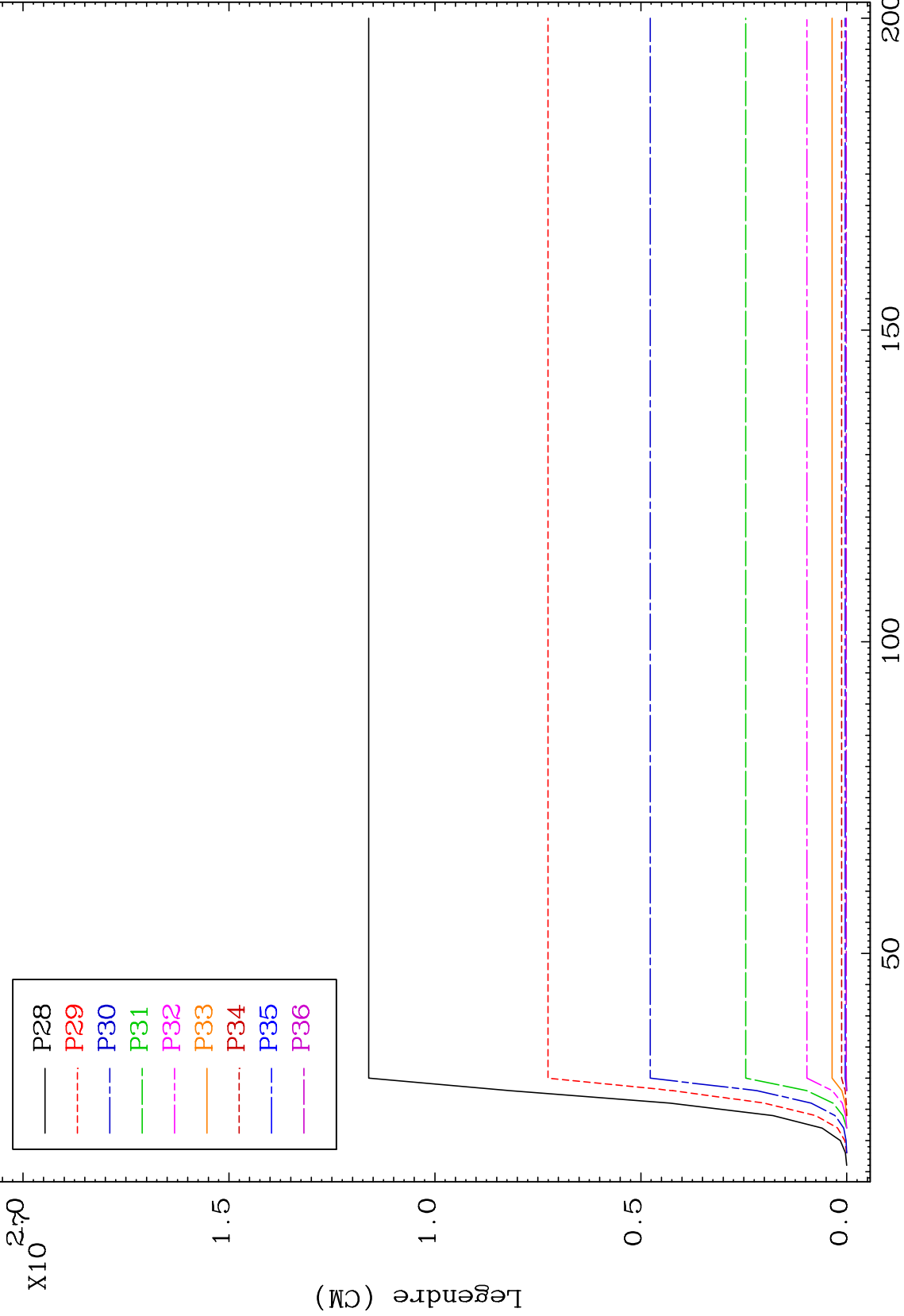
126

81-T1-187

MAT 80777

MT= 78 (n,n') Level
Legendre Coefficients

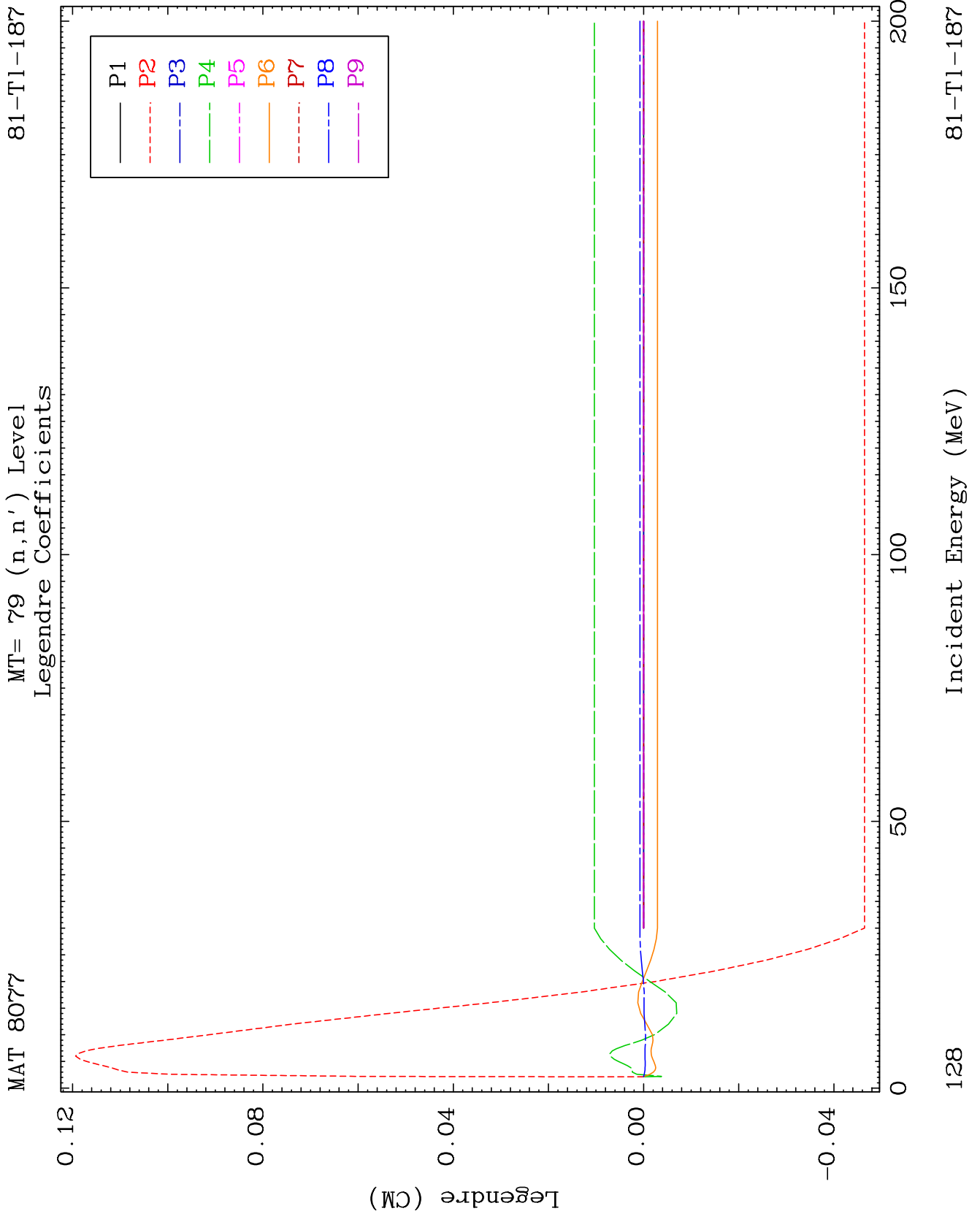
81-Tl-187



127

Incident Energy (MeV)

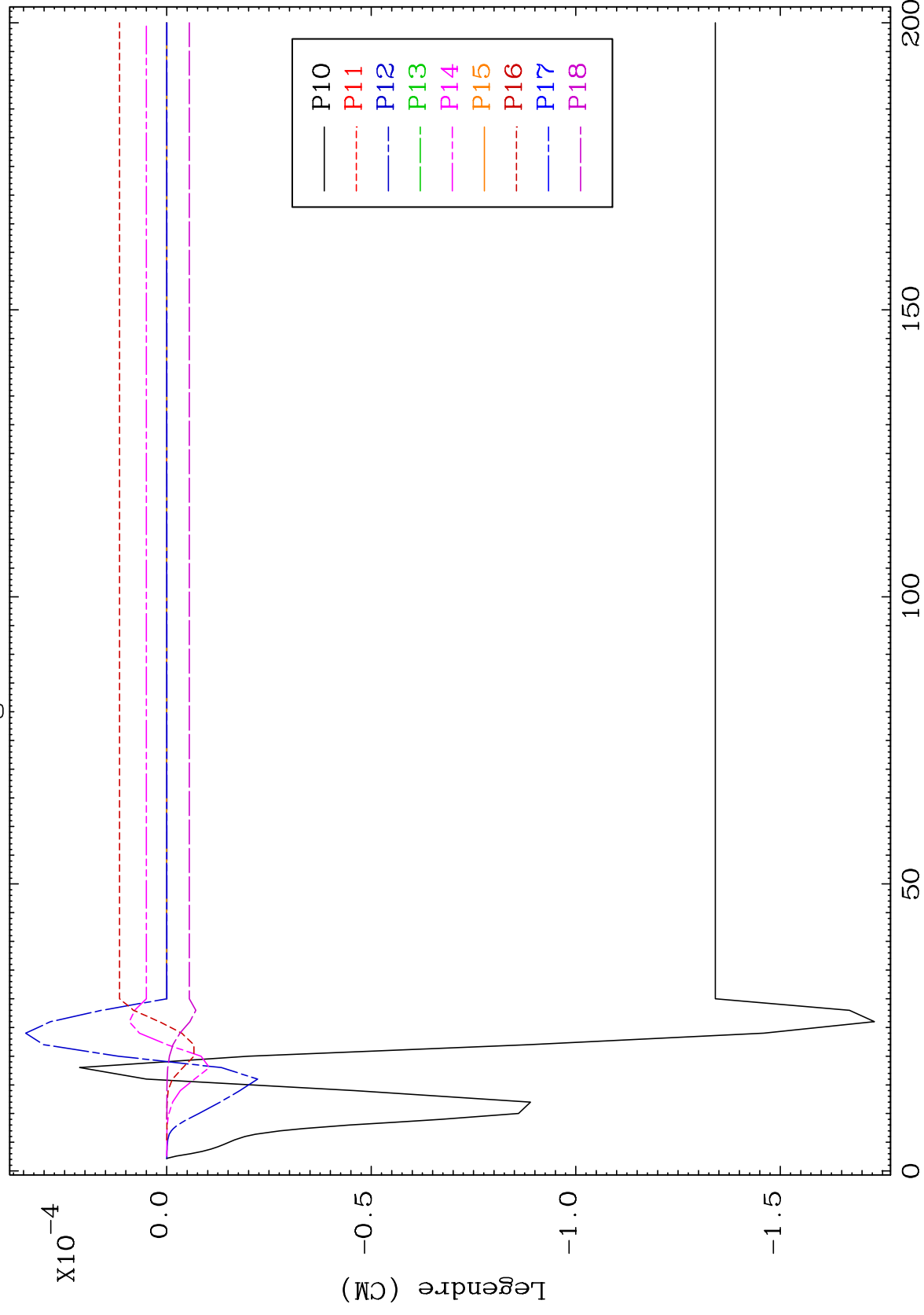
81-Tl-187



MAT 80777

MT= 79 (n,n') Level
Legendre Coefficients

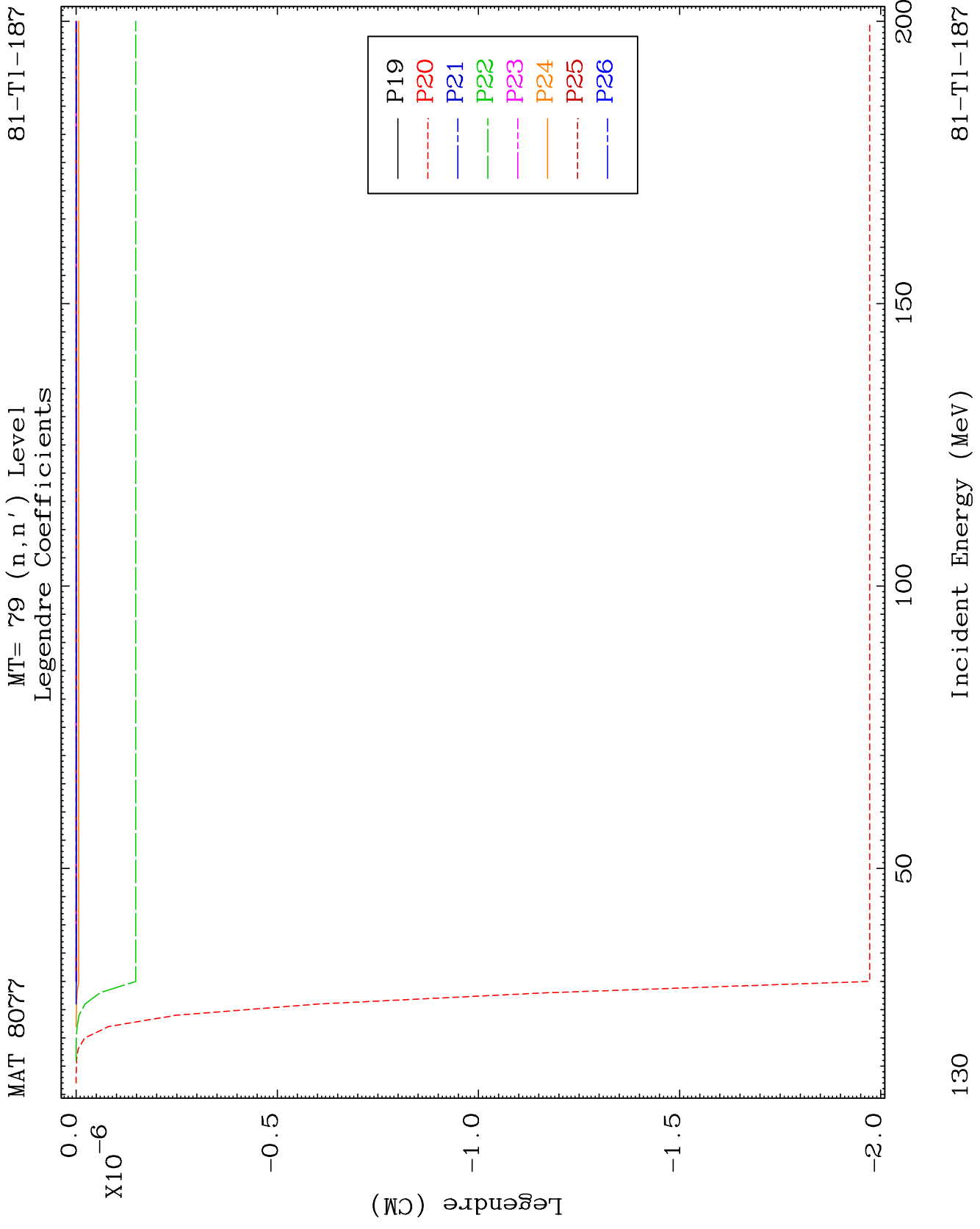
81-Tl-187



129

Incident Energy (MeV)

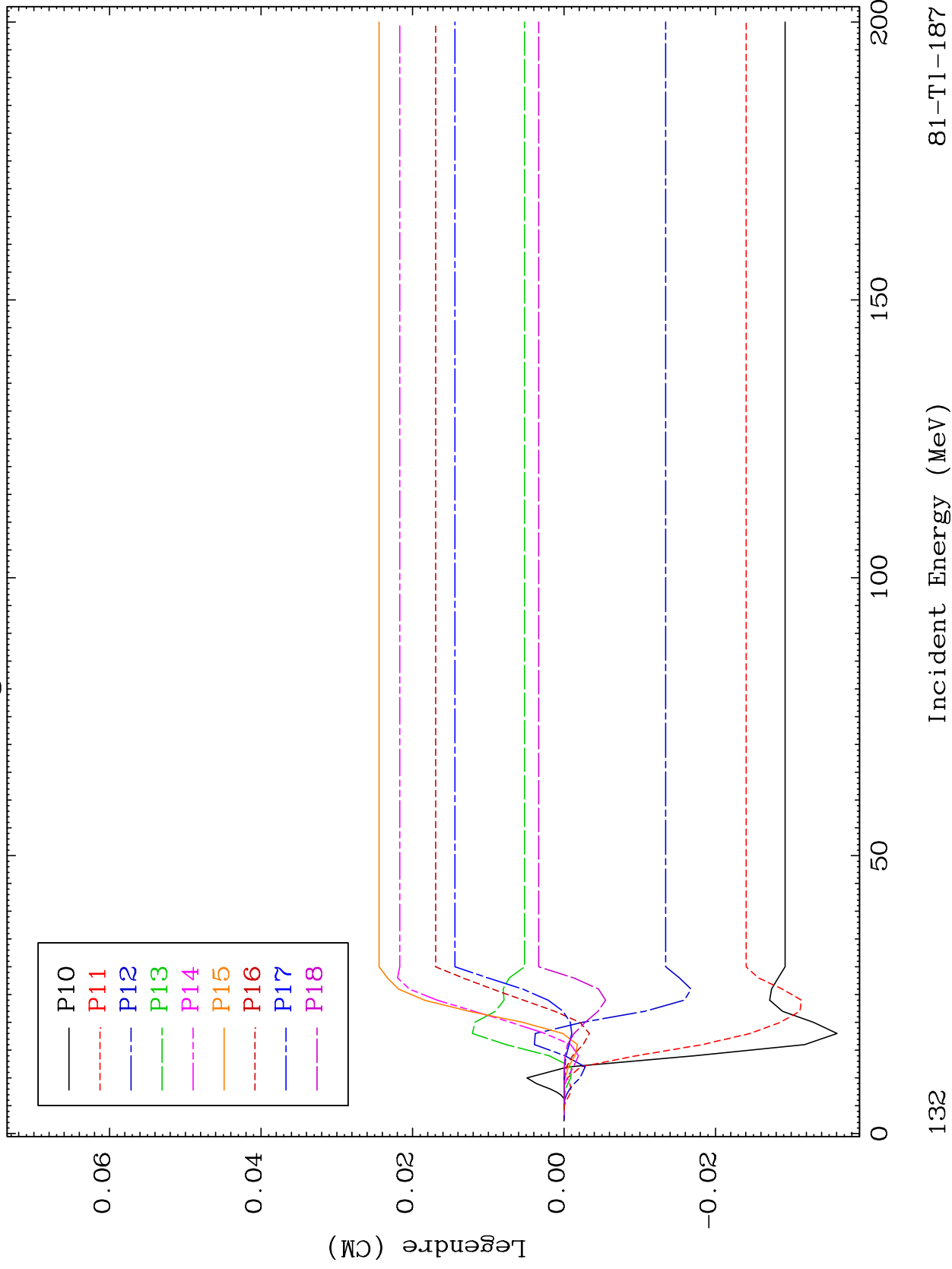
81-Tl-187



MAT 80777

MT= 80 (n,n') Level
Legendre Coefficients

81-Tl-187



132

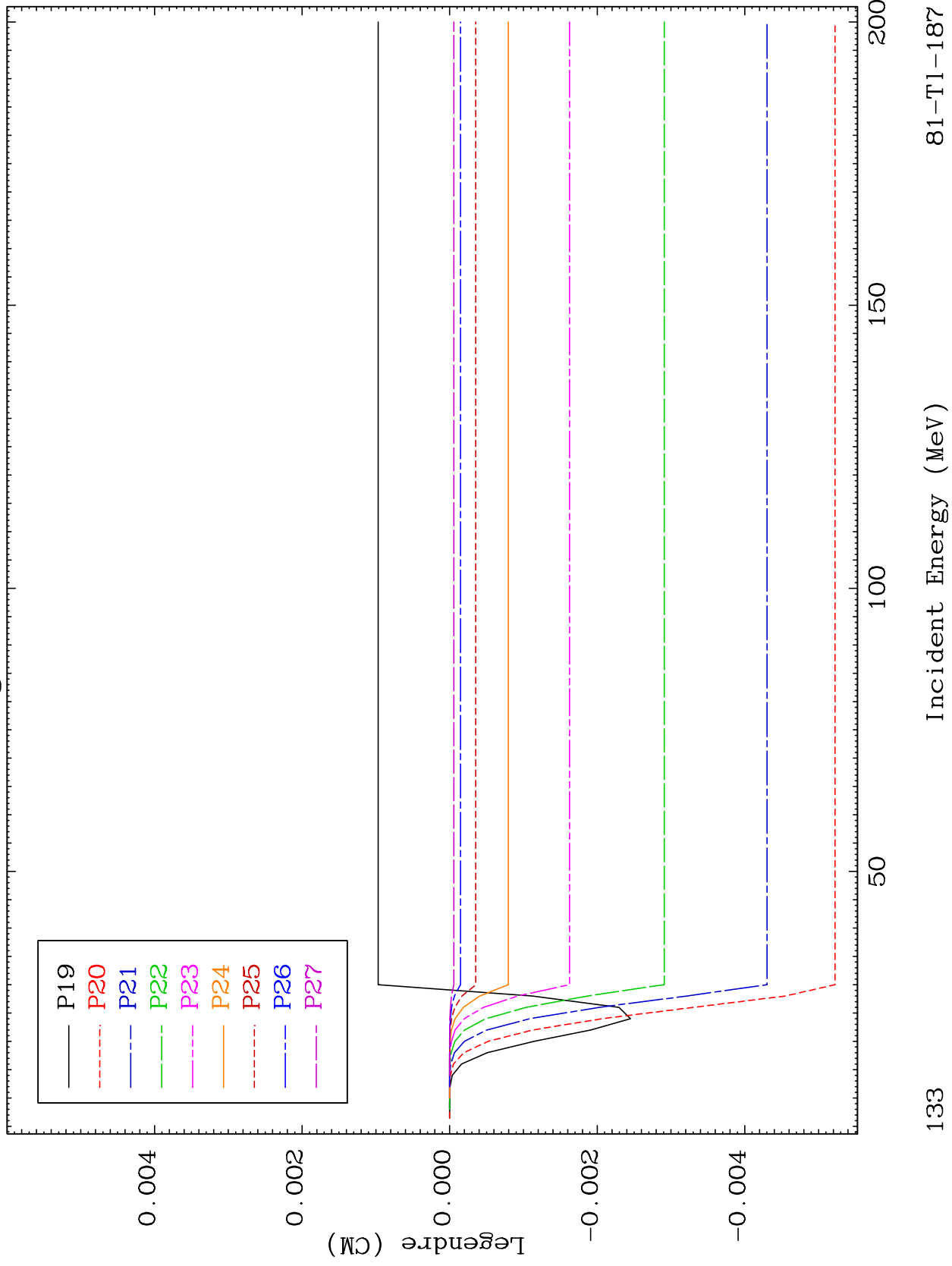
Incident Energy (MeV)

81-Tl-187

MAT 80777

MT= 80 (n,n') Level
Legendre Coefficients

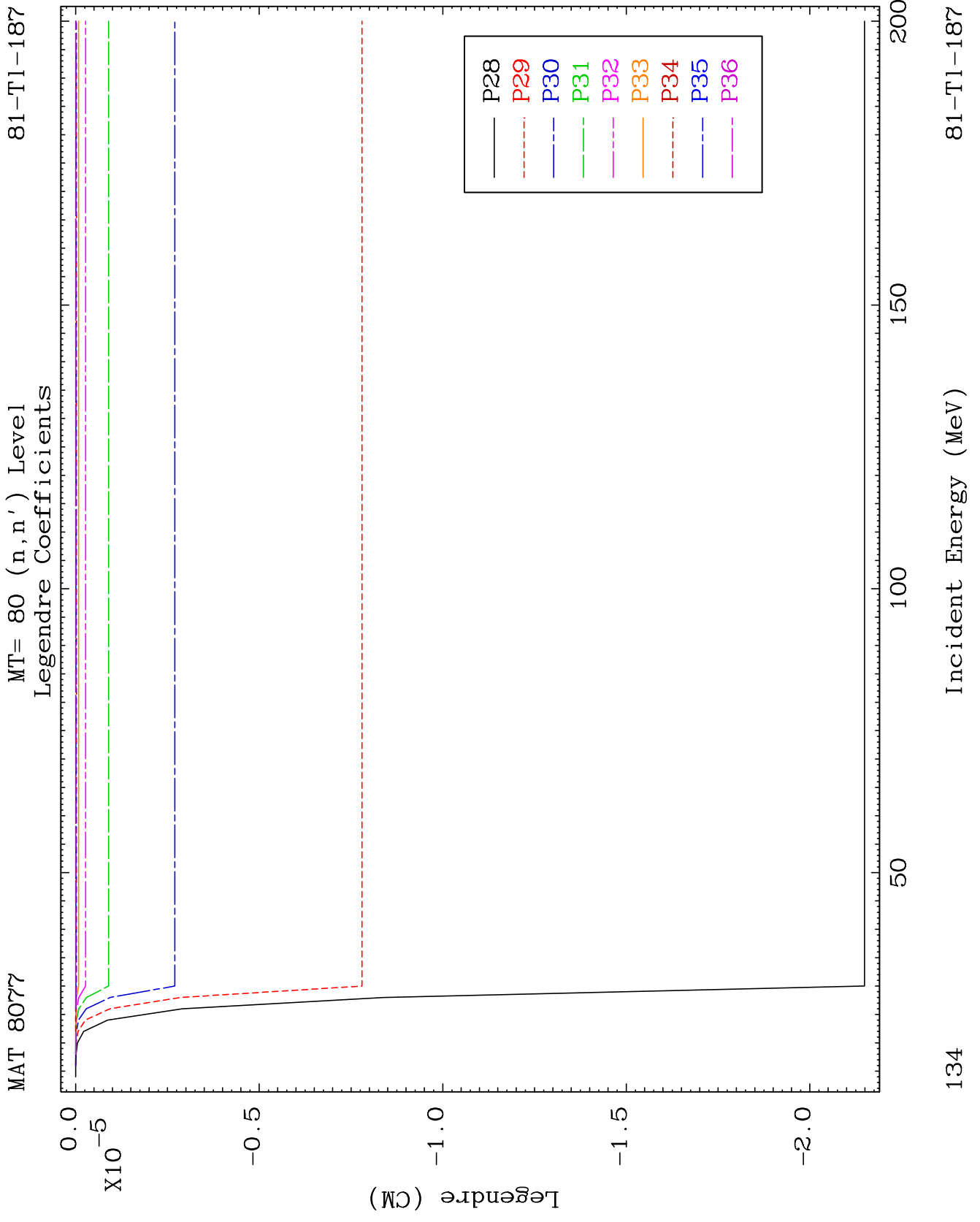
81-T1-187



133

Incident Energy (MeV)

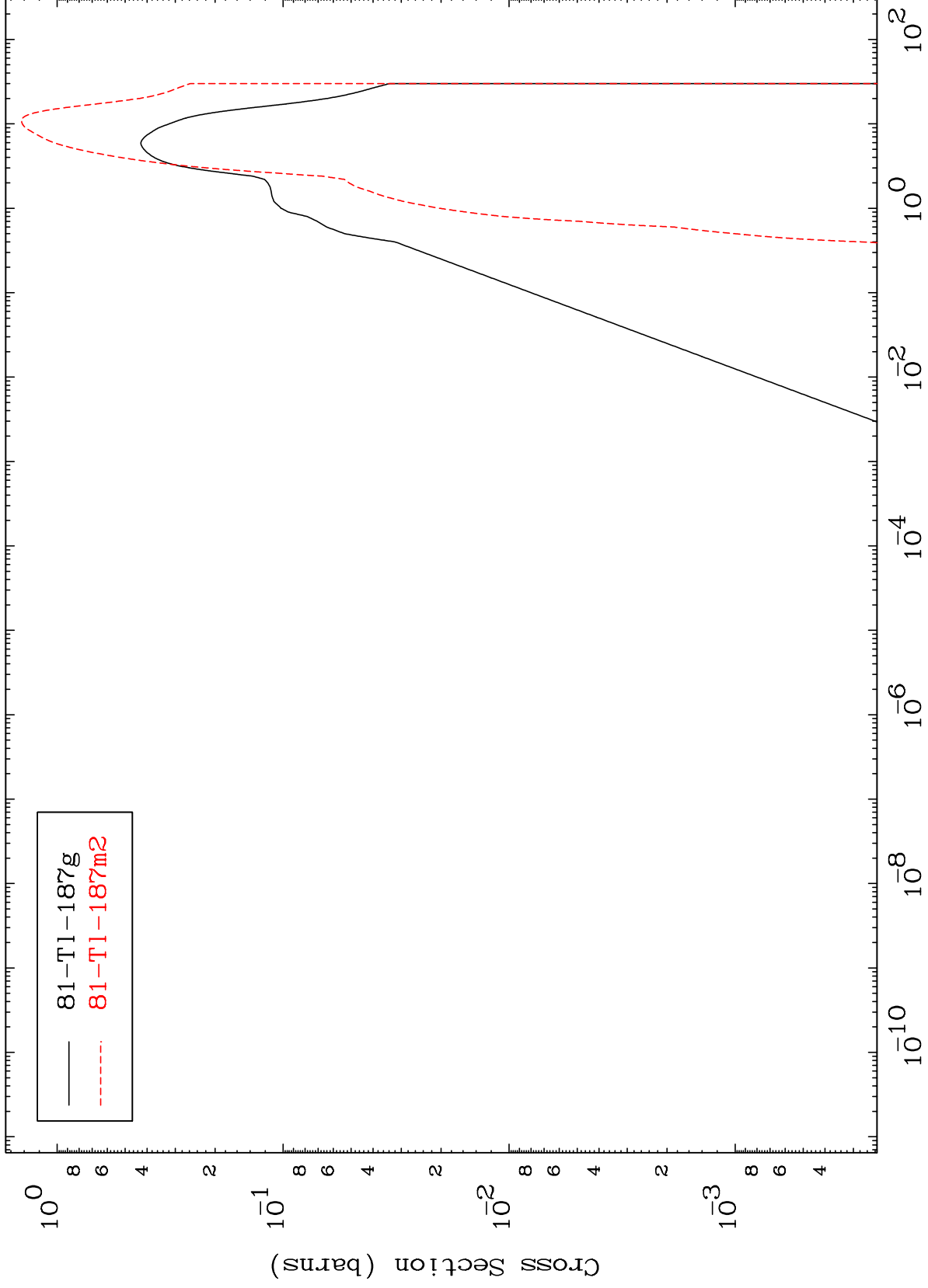
81-T1-187



MAT 8077

Inelastic
Radionuclide Production Cross Section

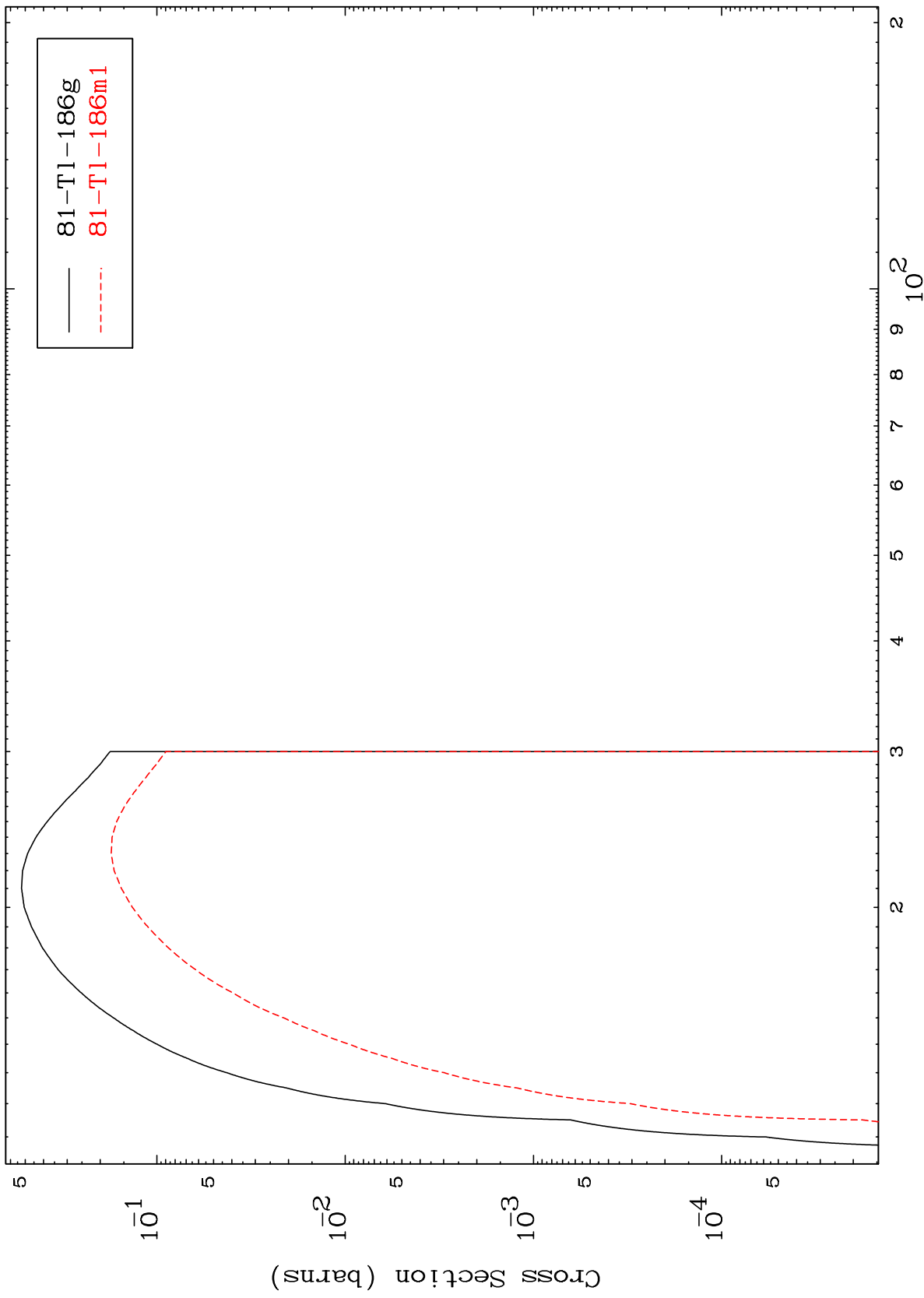
81-Tl-187



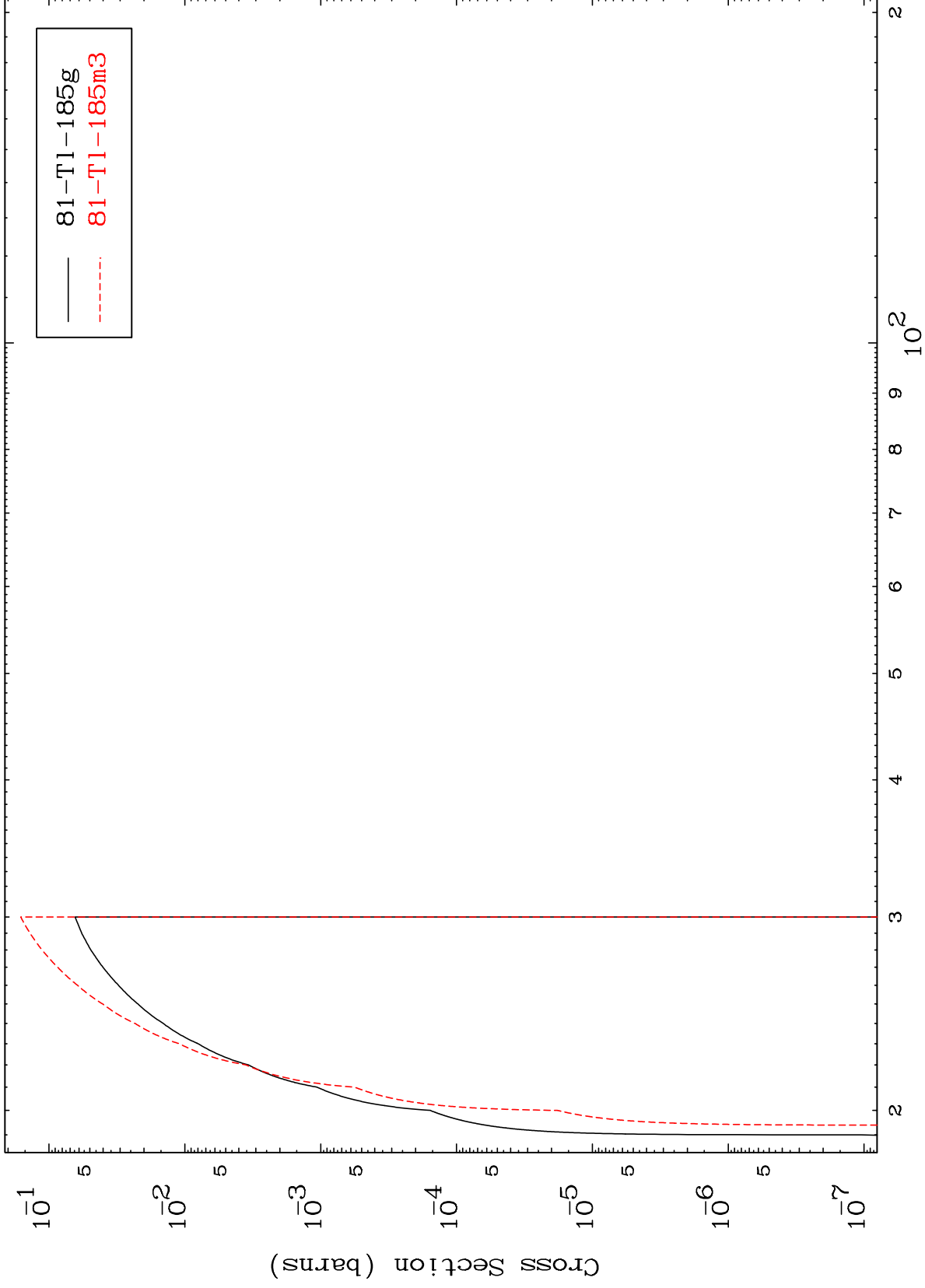
135

81-Tl-187

(n,2n)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

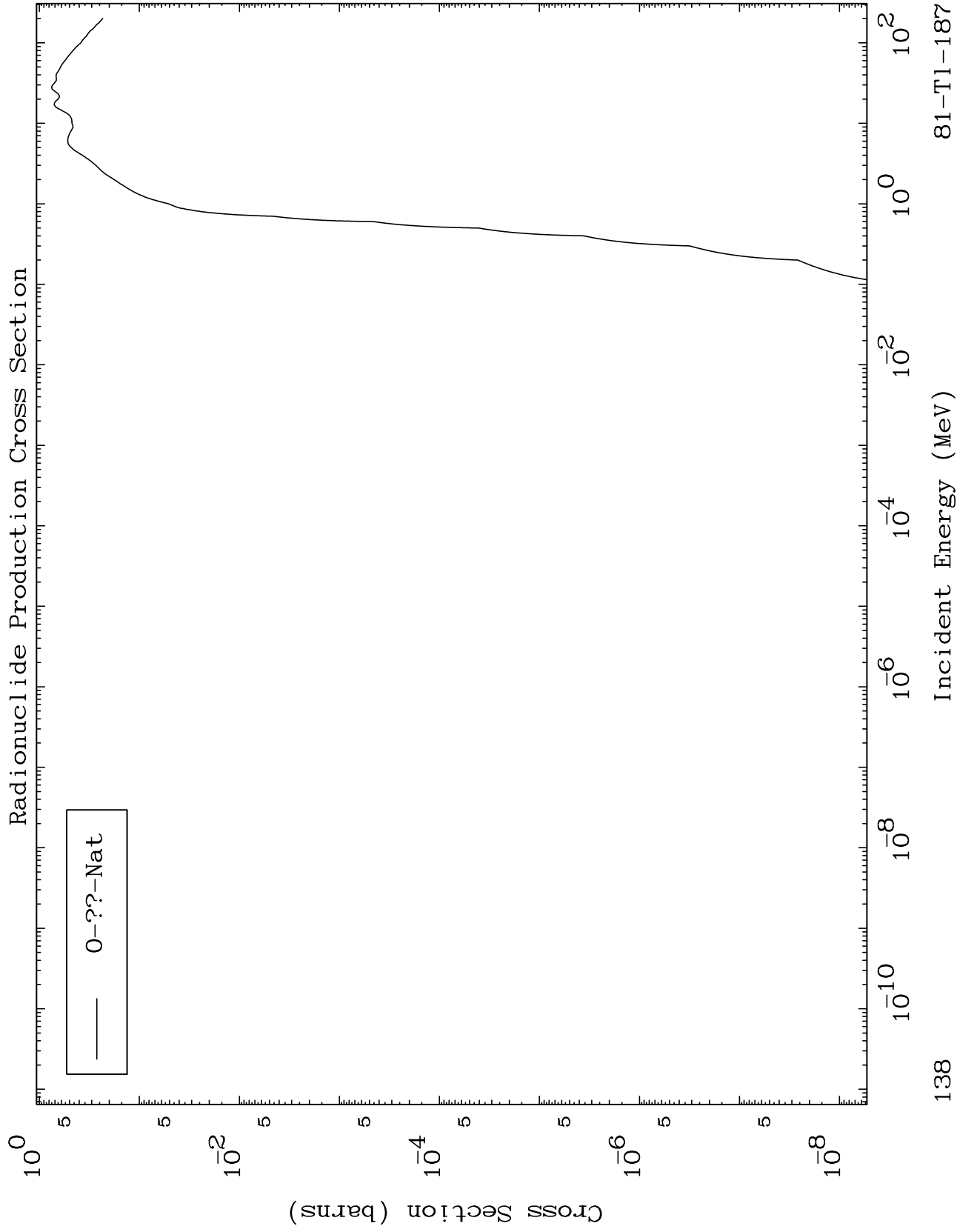


MAT 8077

Fission

81-Tl-187

Radionuclide Production Cross Section



138

Incident Energy (MeV)

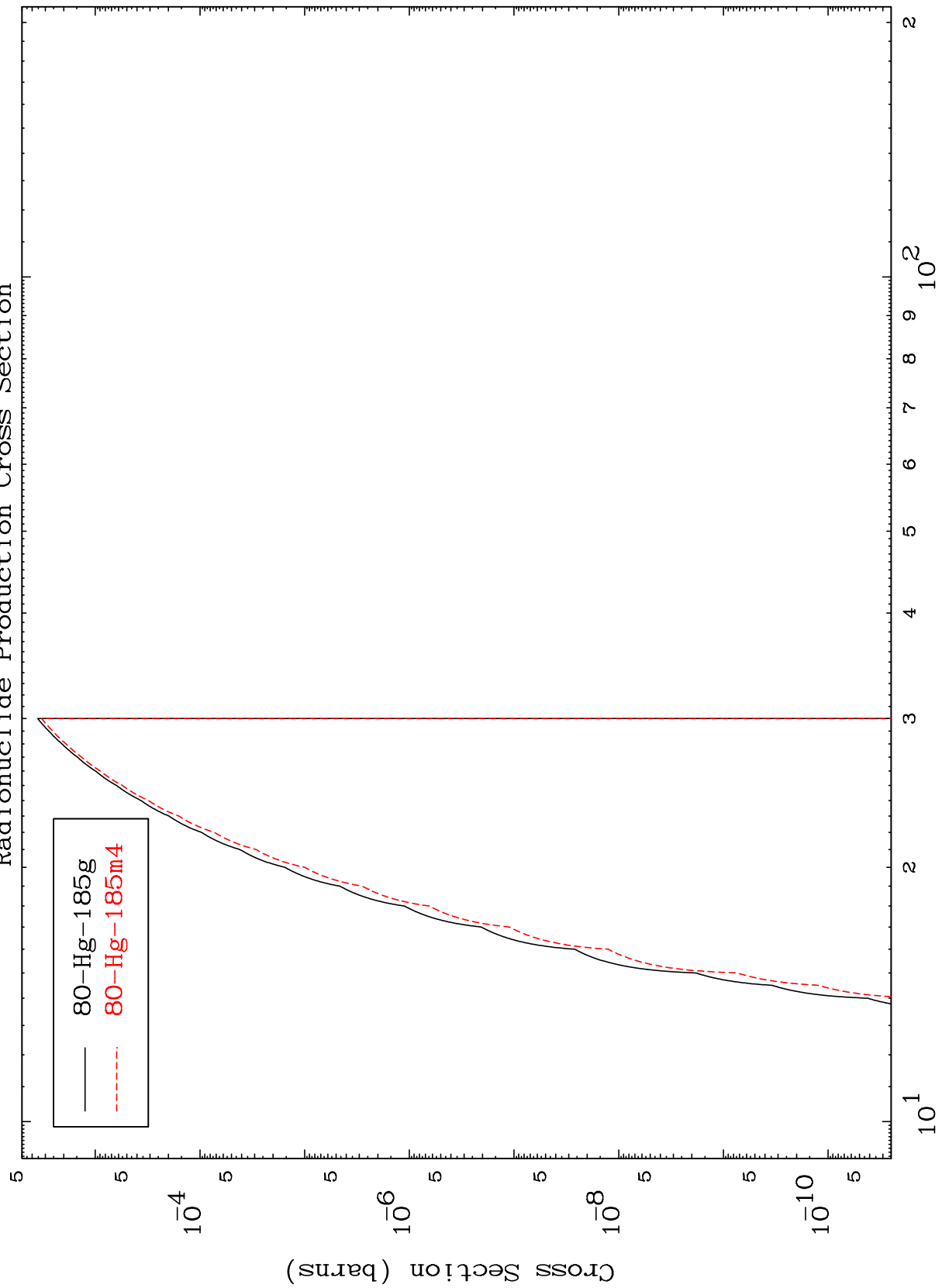
81-Tl-187

MAT 80777

(n,n') d

81-Tl-187

Radionuclide Production Cross Section



139

Incident Energy (MeV)

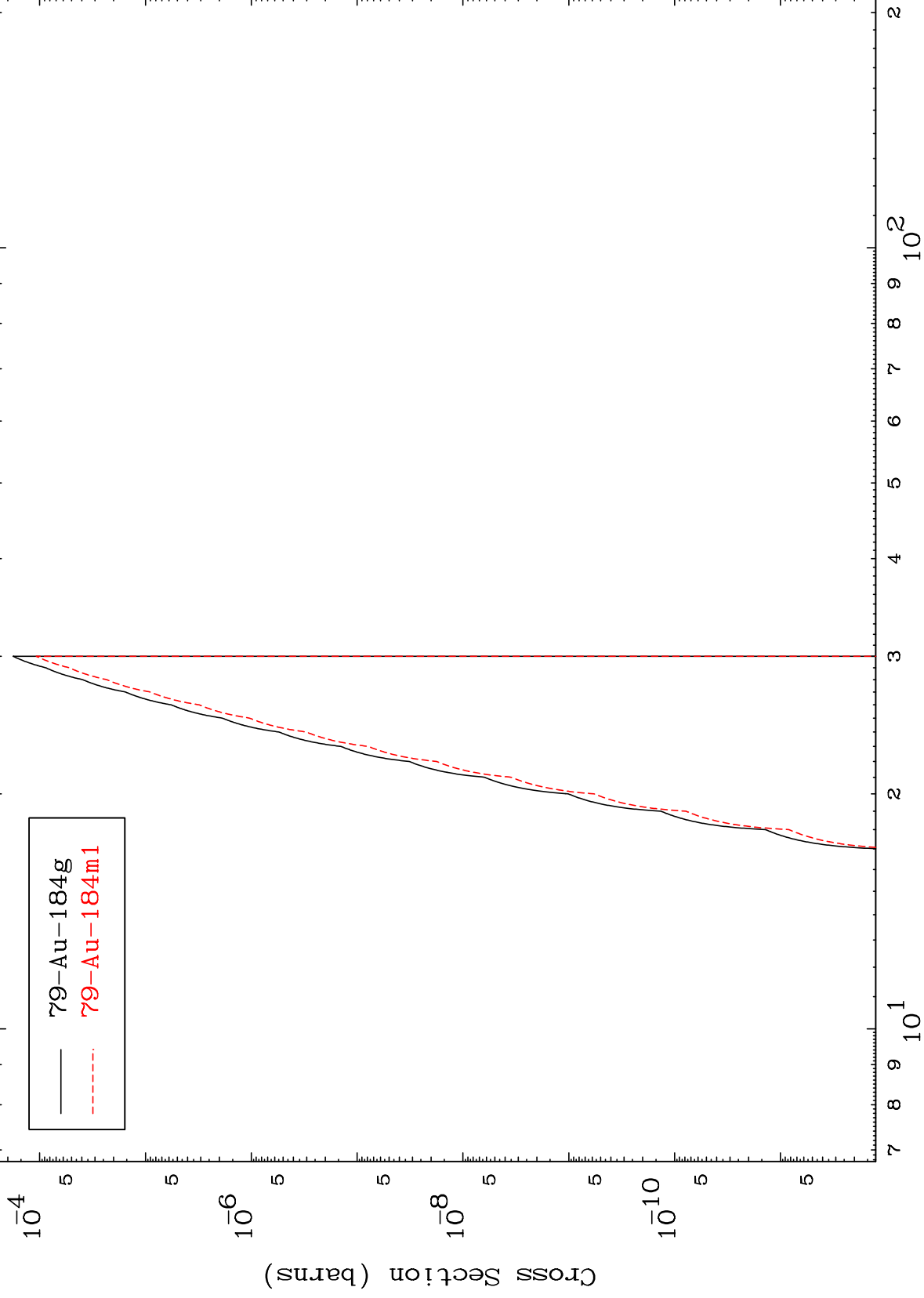
81-Tl-187

MAT 8077

(n,n') He-3

81-Tl-187

Radionuclide Production Cross Section

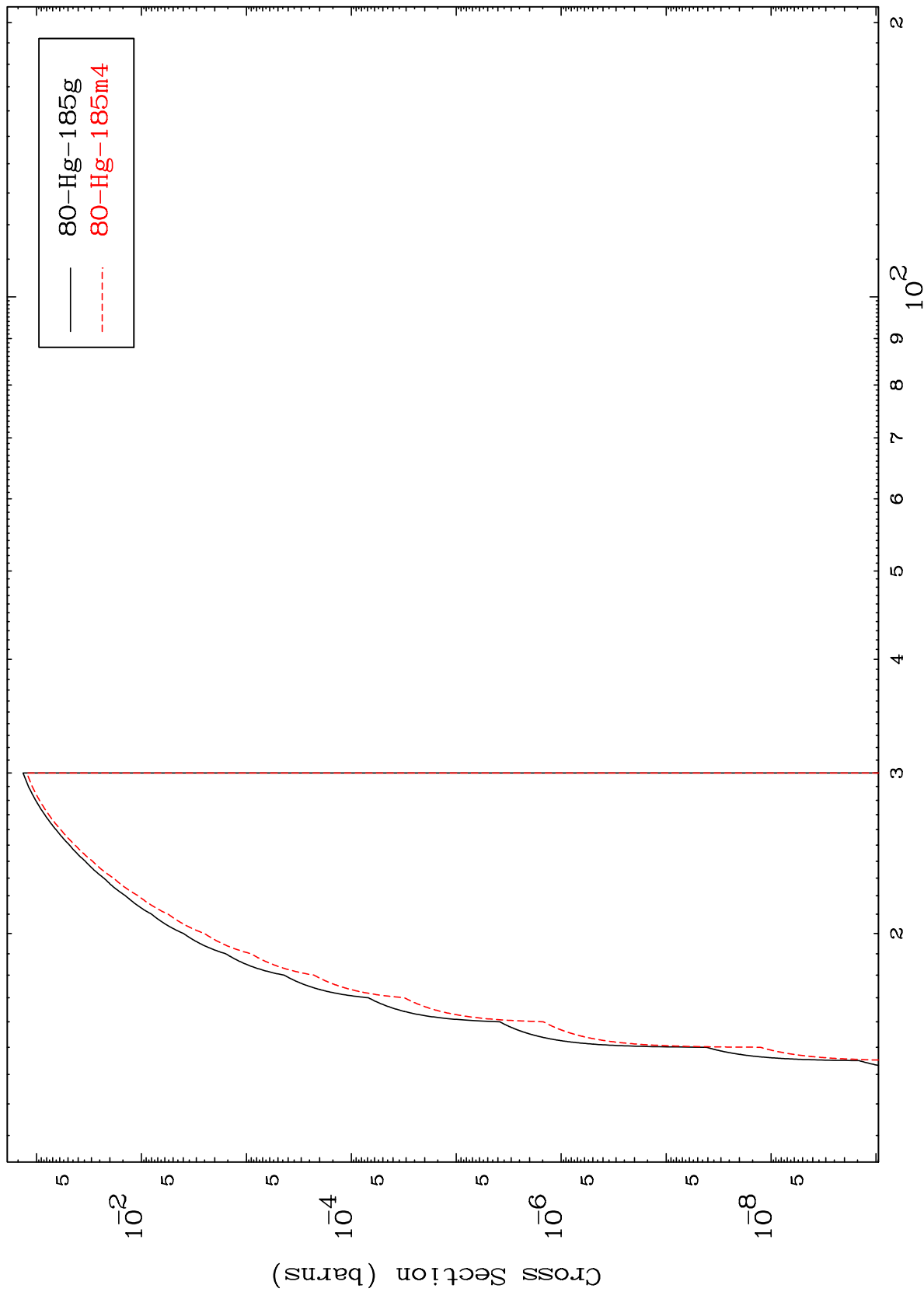


140

Incident Energy (MeV)

81-Tl-187

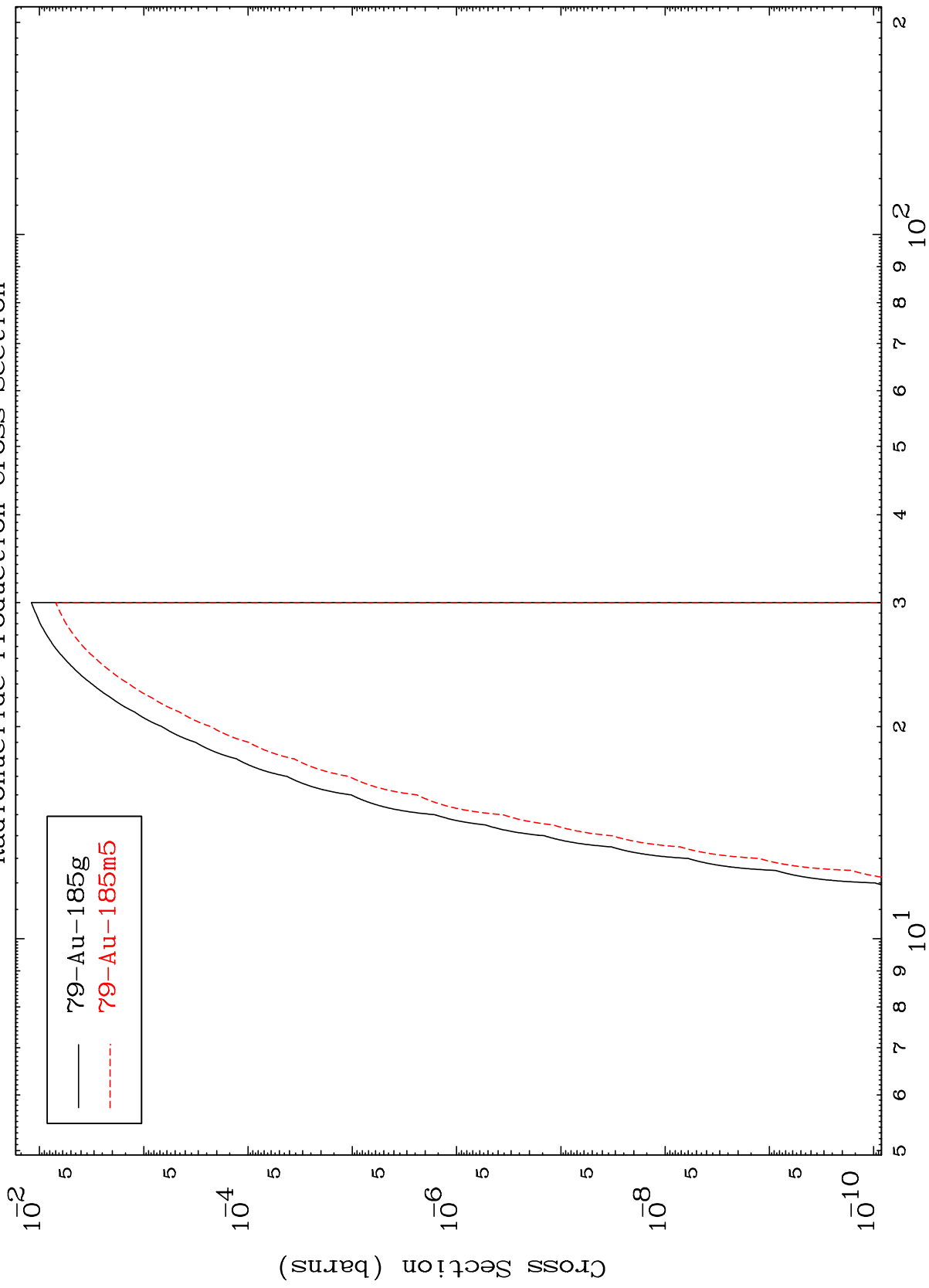
Radionuclide Production Cross Section



MAT 8077

81-Tl-187

Radionuclide Production Cross Section



Incident Energy (MeV)

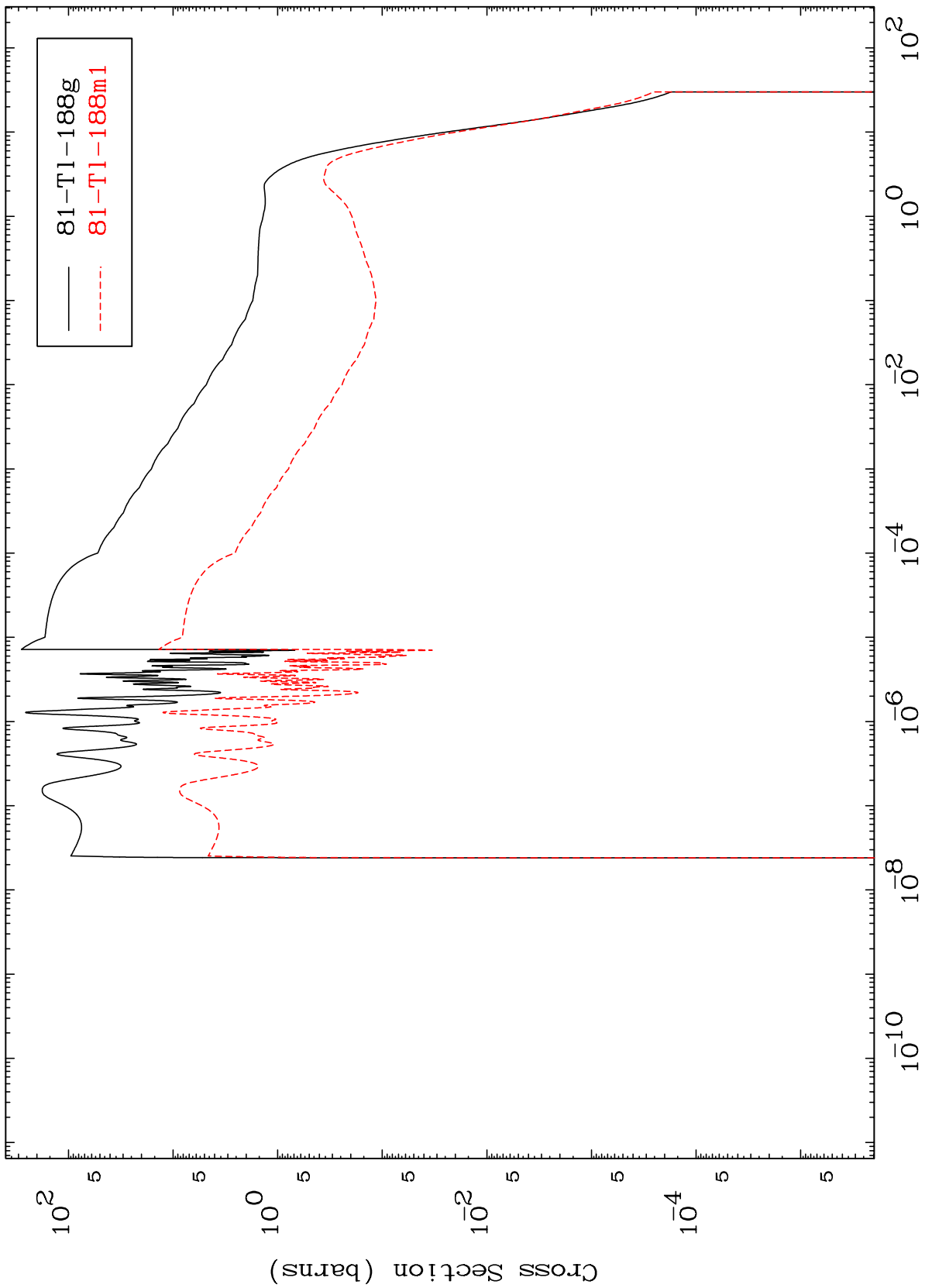
81-Tl-187

142

MAT 8077

81-Tl-187

Radionuclide Production Cross Section
(n, γ)



143

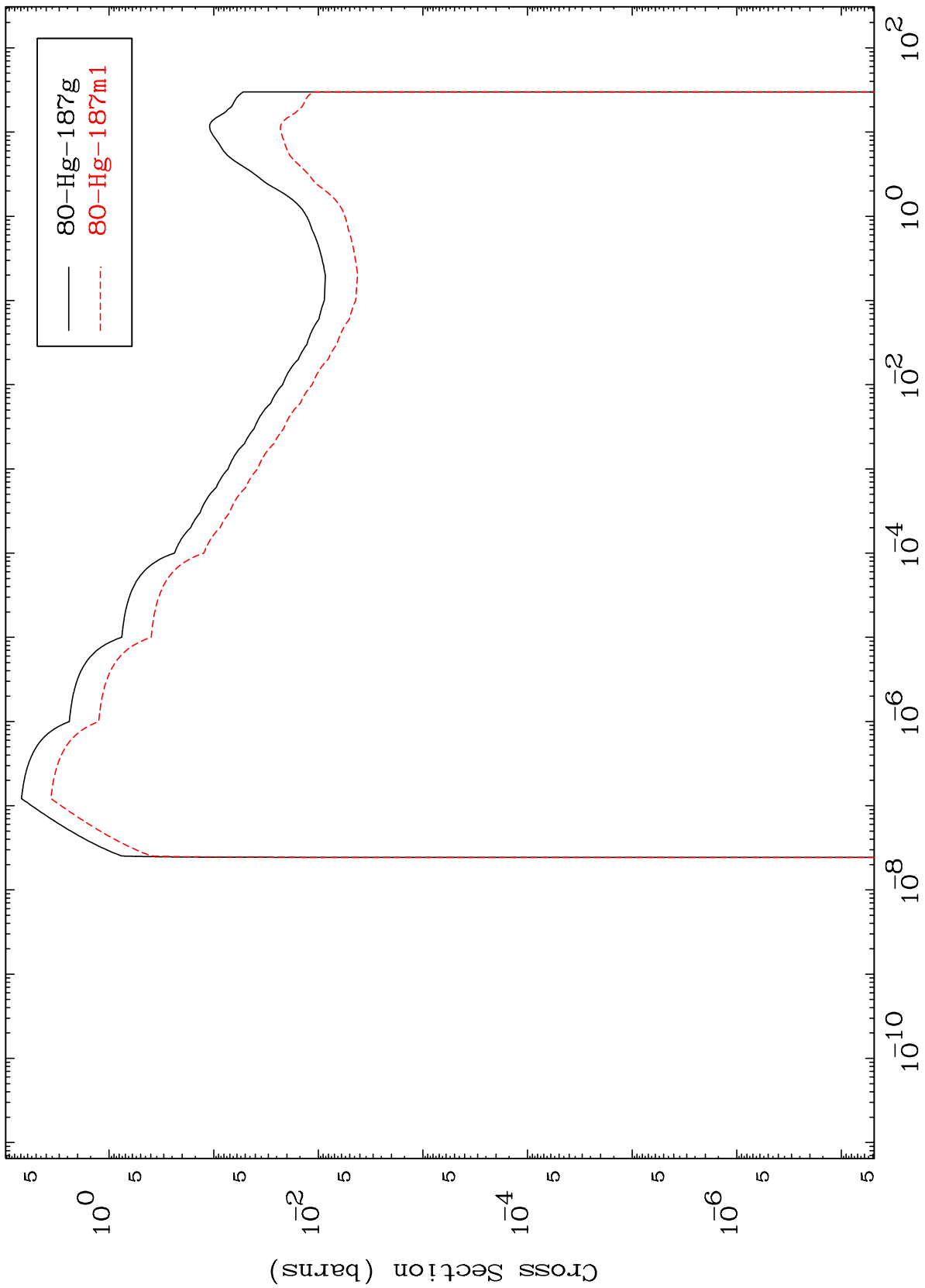
81-Tl-187

Incident Energy (MeV)

MAT 80777

81-Tl-187

(n,p)
Radionuclide Production Cross Section



81-Tl-187

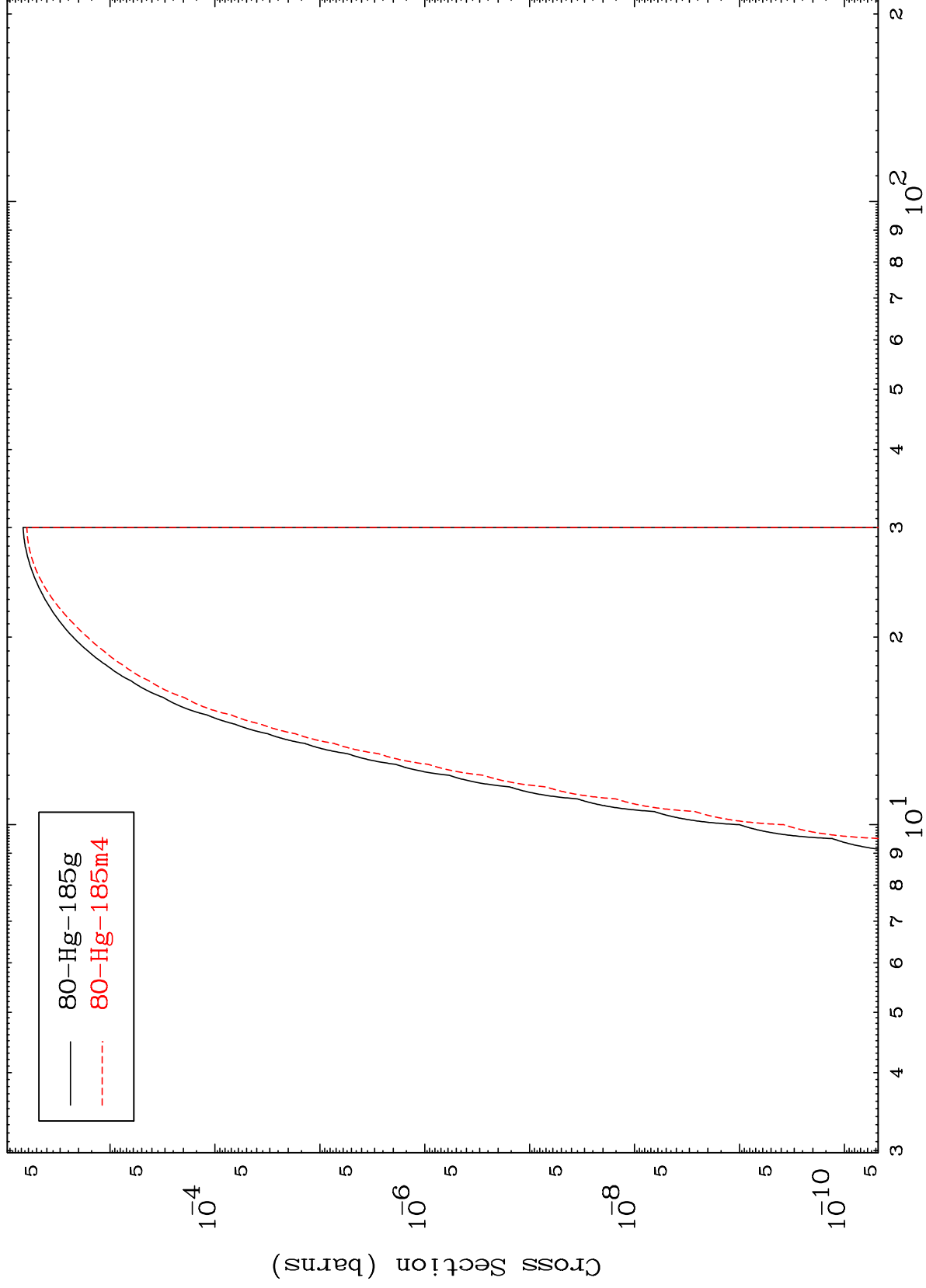
Incident Energy (MeV)

144

MAT 8077

81-Tl-187

Radionuclide Production Cross Section



145

Incident Energy (MeV)

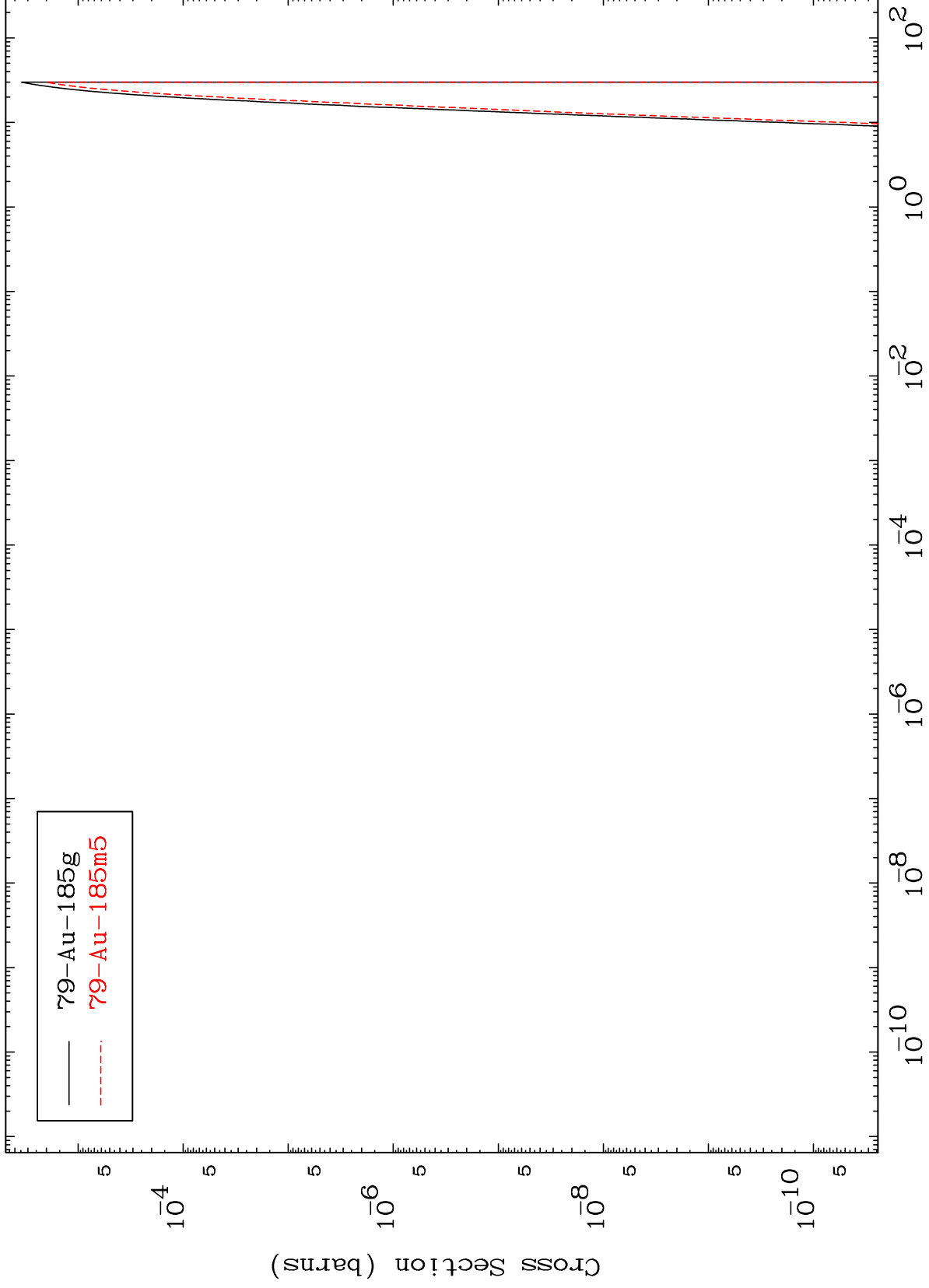
81-Tl-187

MAT 8077

(n,He-3)

81-Tl-187

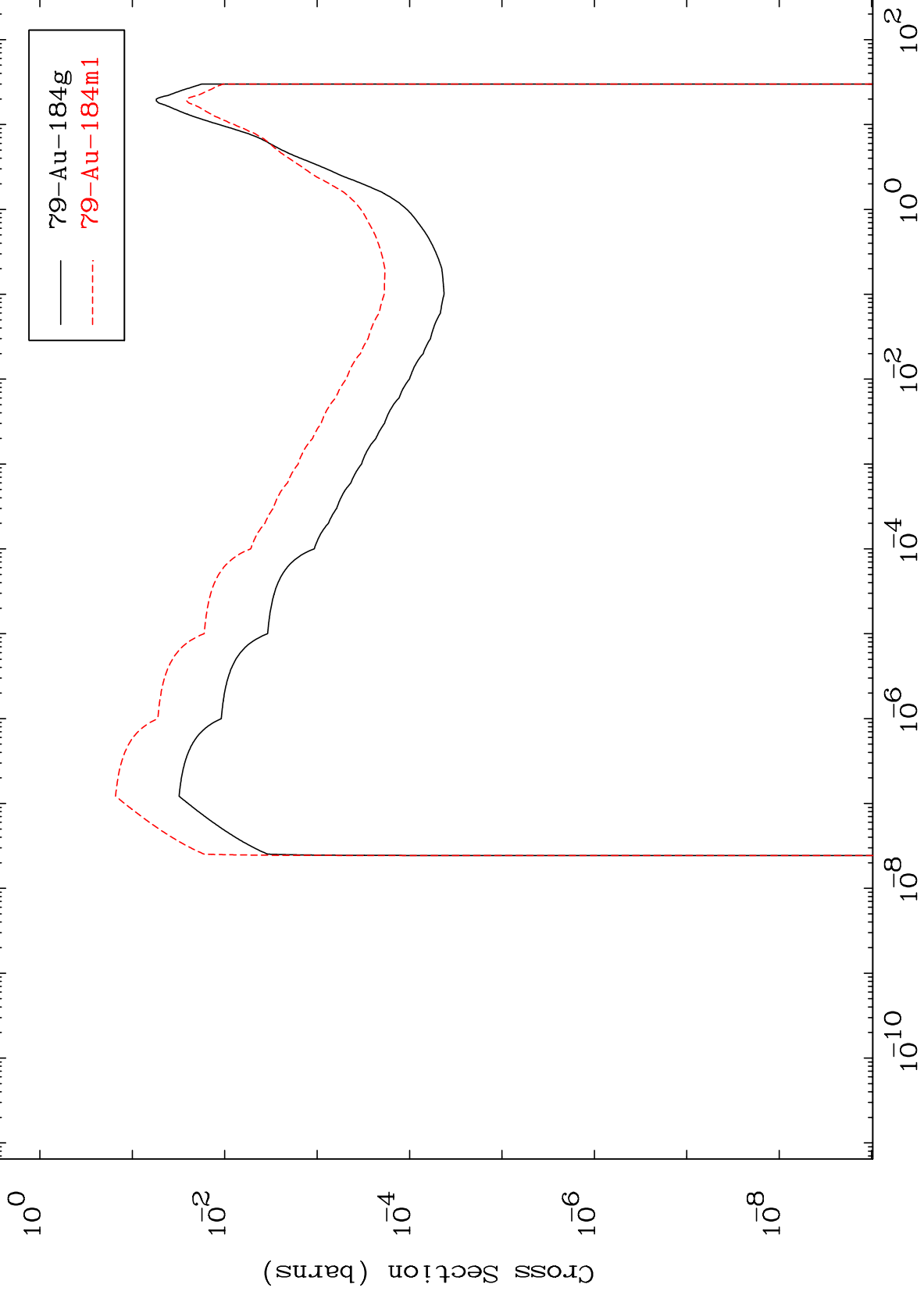
Radionuclide Production Cross Section



MAT 80777

81-Tl-187

(n, α)
Radionuclide Production Cross Section

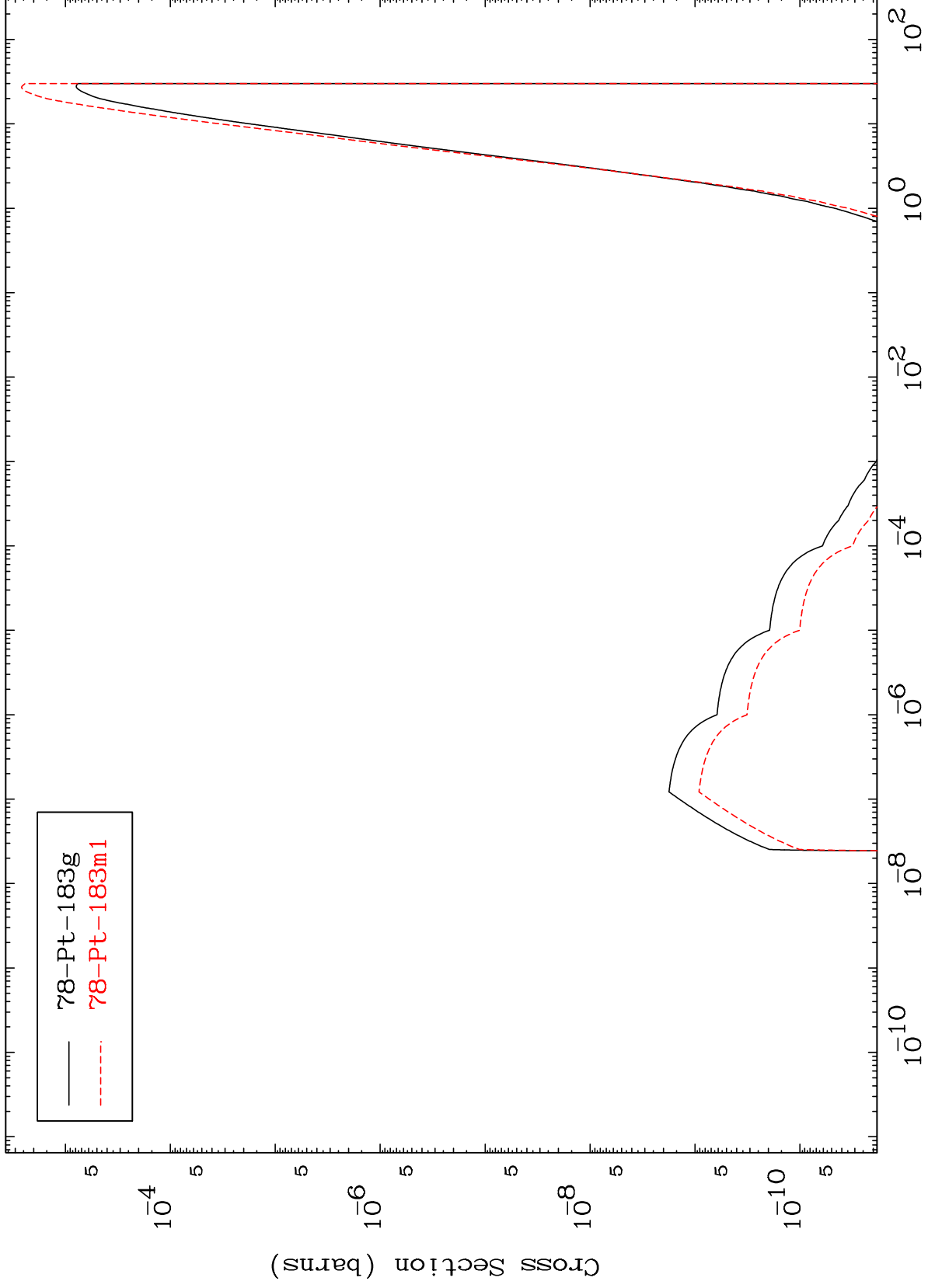


MAT 8077

(n,p) α

81-Tl-187

Radionuclide Production Cross Section

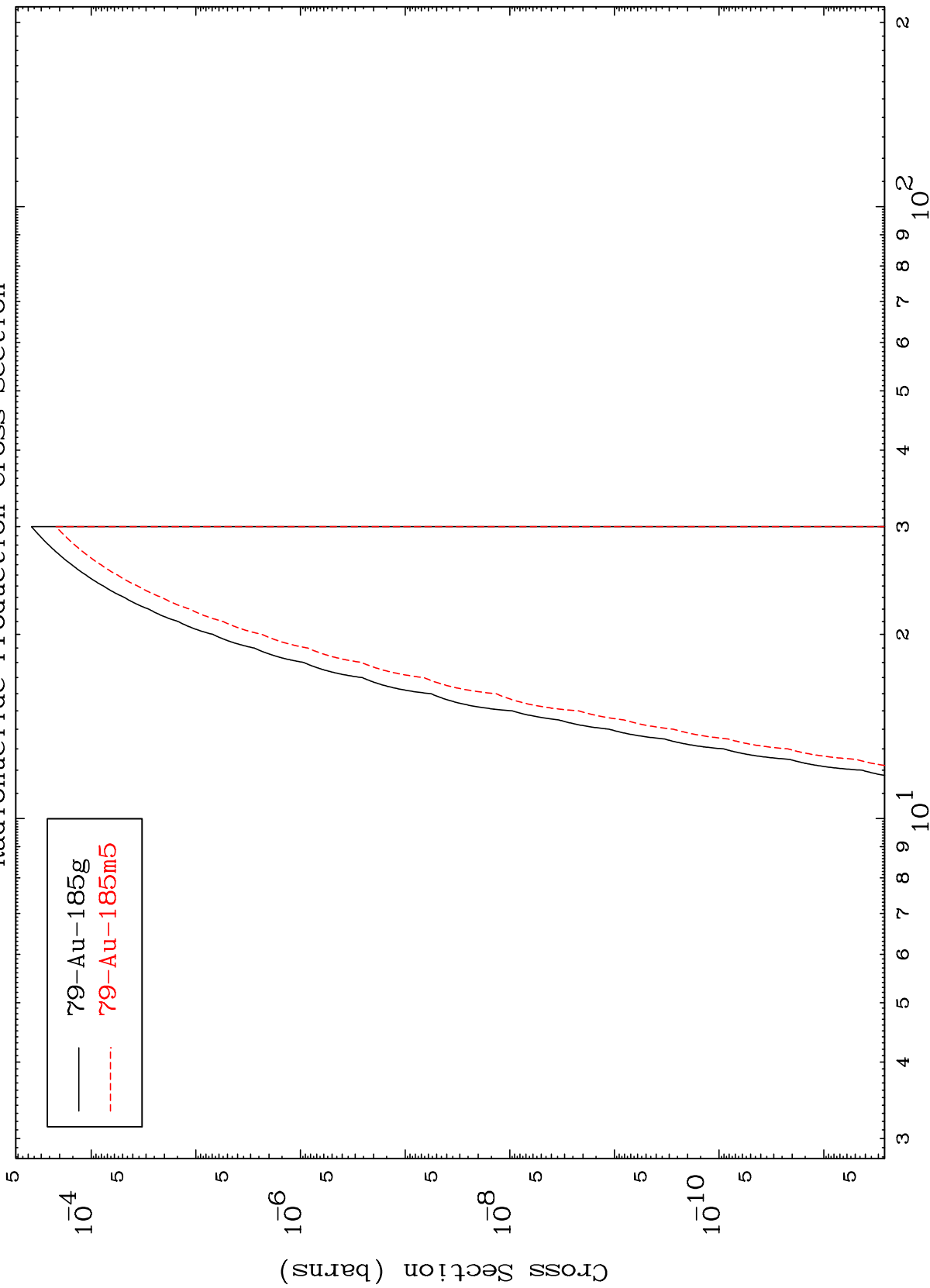


MAT 8077

(n,p) d

81-Tl-187

Radionuclide Production Cross Section



— 79-Au-185g
- - - 79-Au-185m5

Incident Energy (MeV)

81-Tl-187

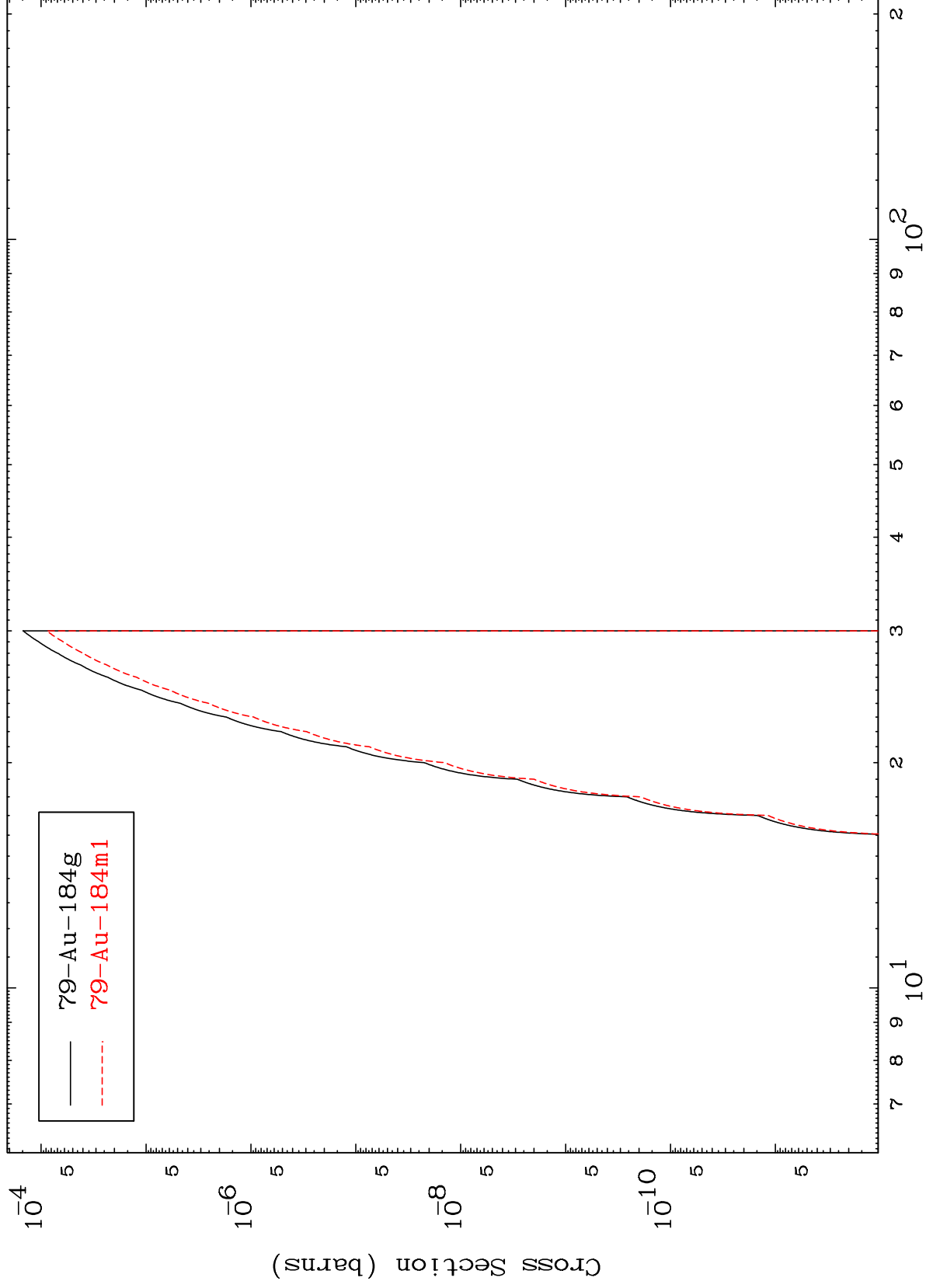
149

MAT 8077

(n,p) t

81-Tl-187

Radionuclide Production Cross Section



150

Incident Energy (MeV)

81-Tl-187