

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

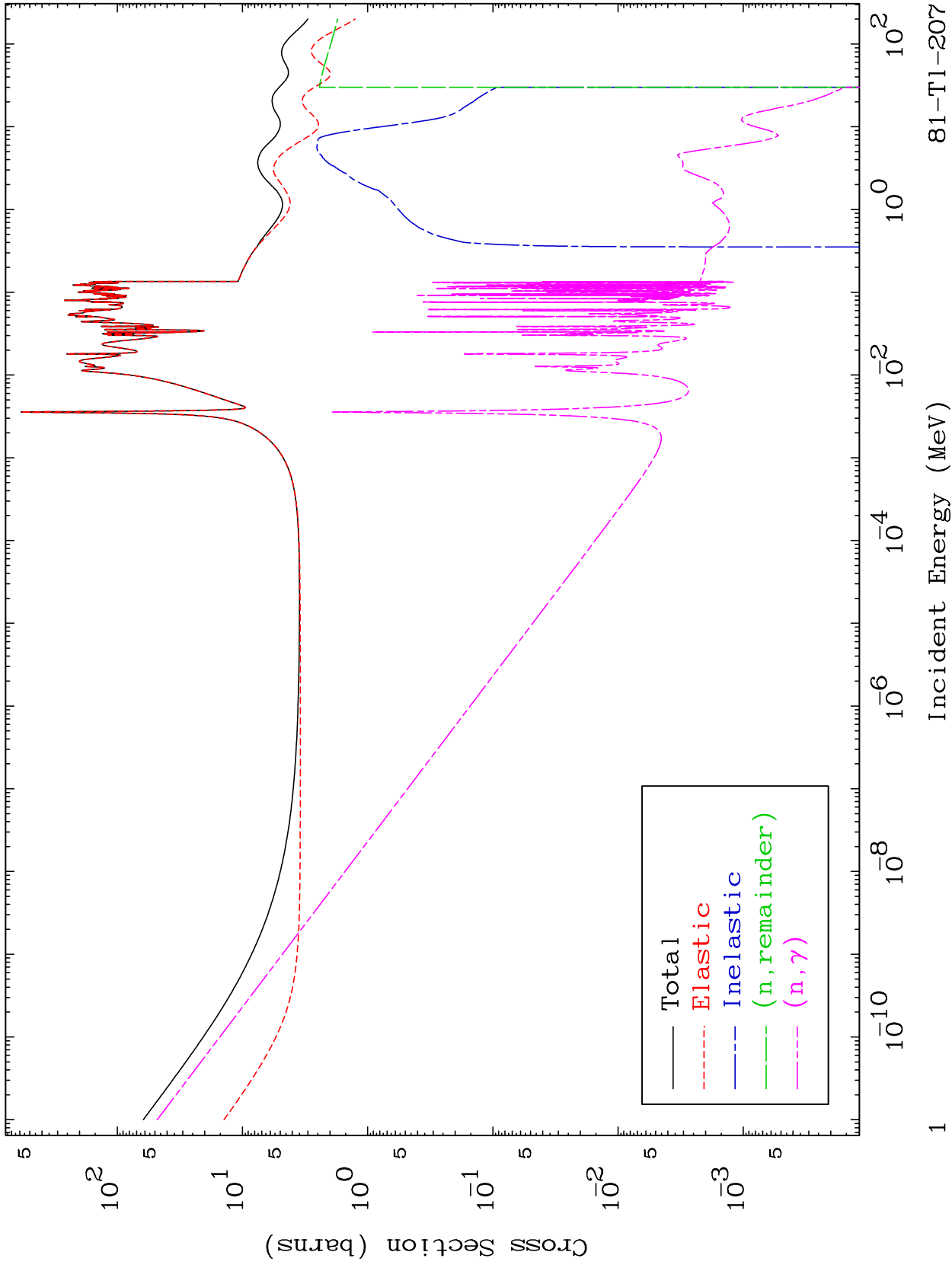
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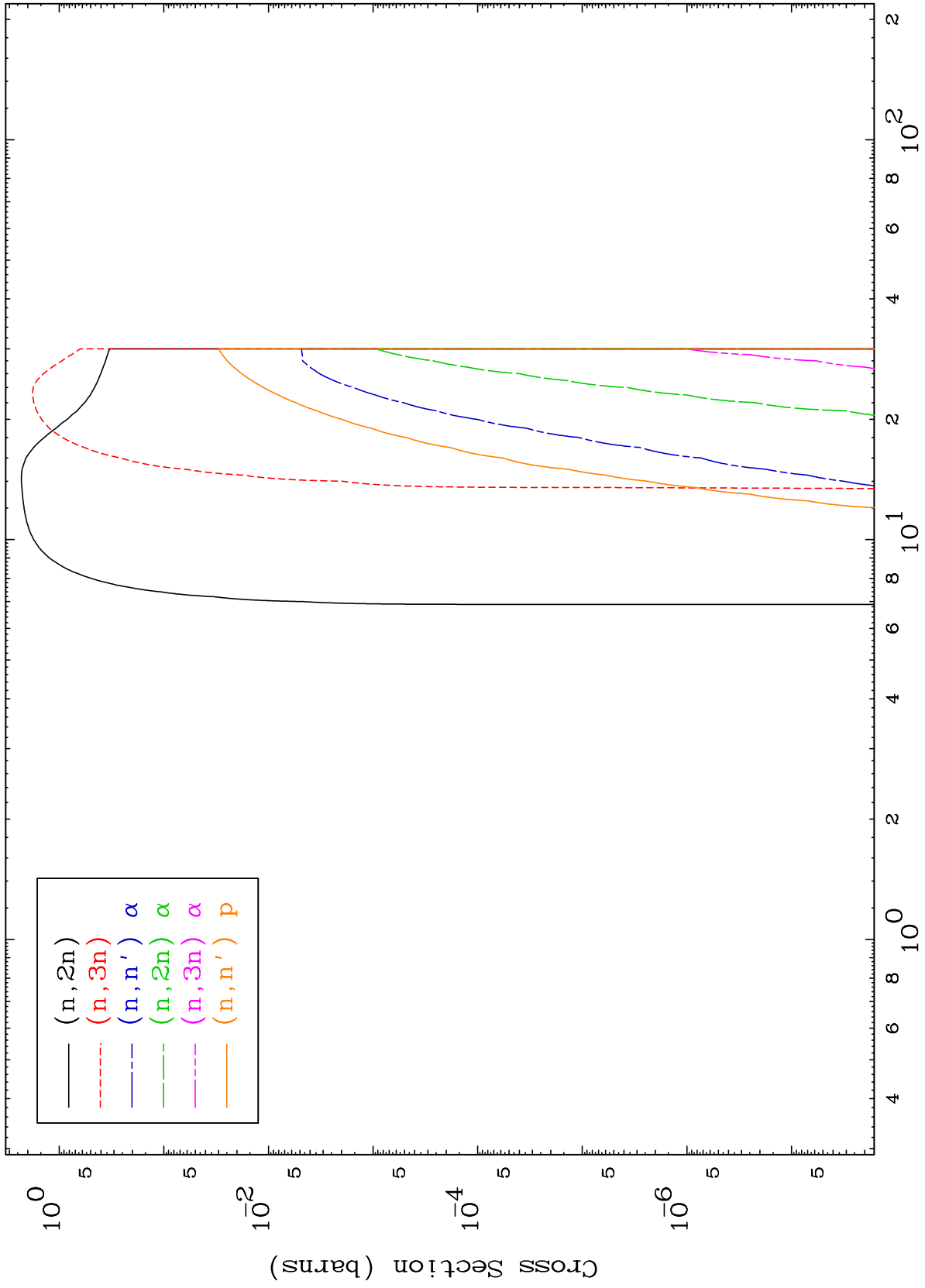
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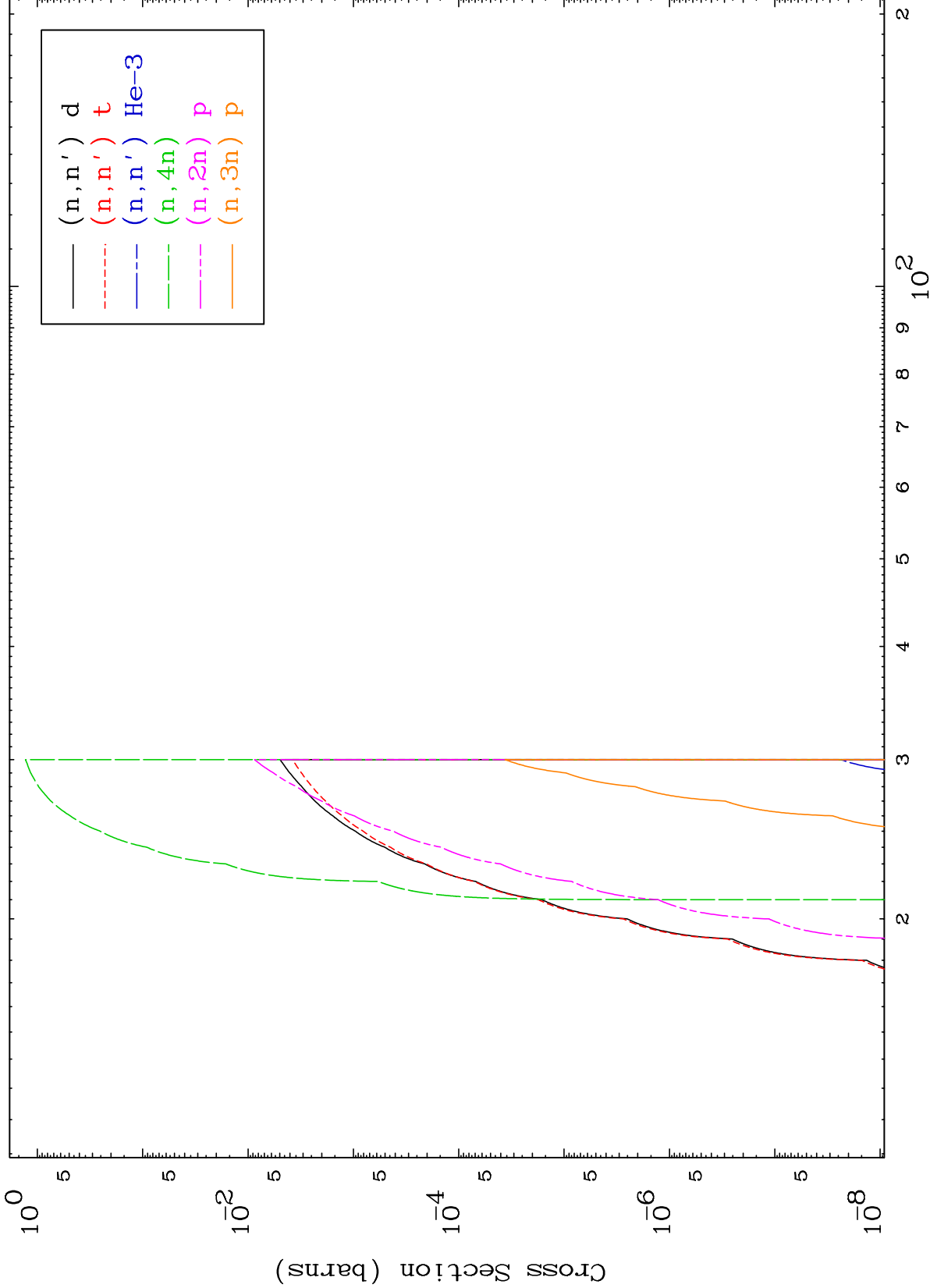
MAT 8137

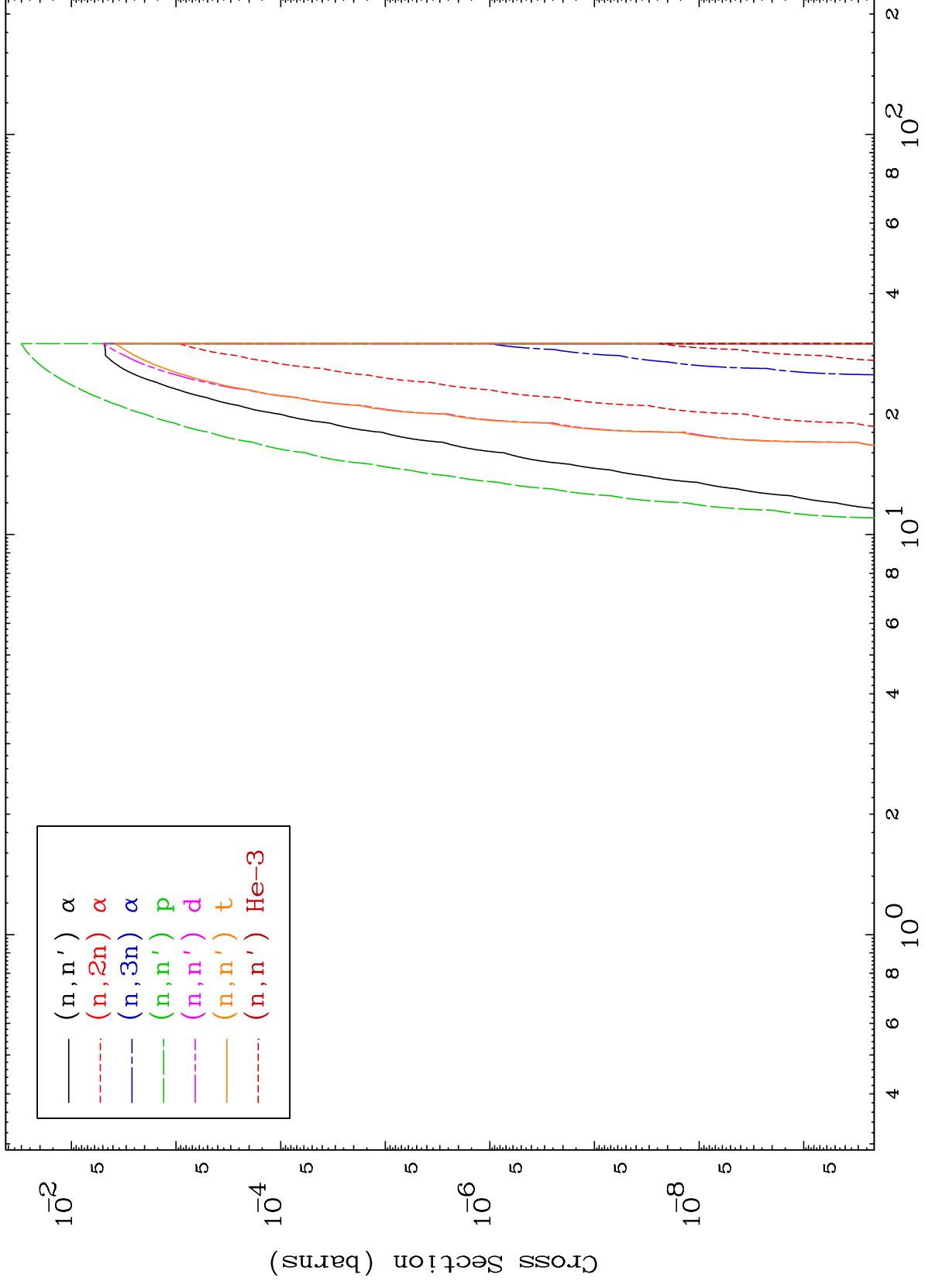
Major
293 Kelvin Cross Sections

81-Tl-207





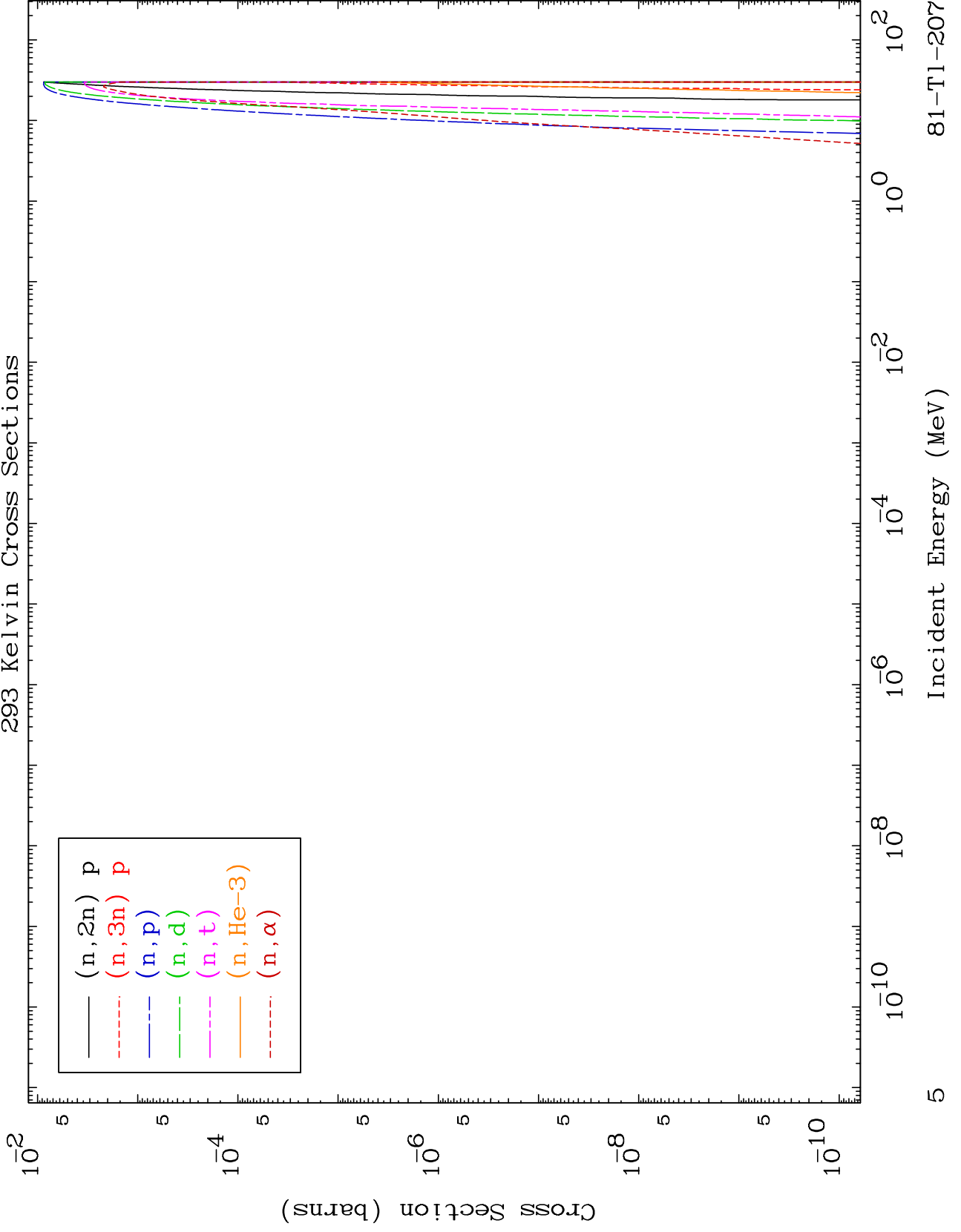




MAT 8137

Charged Particle
293 Kelvin Cross Sections

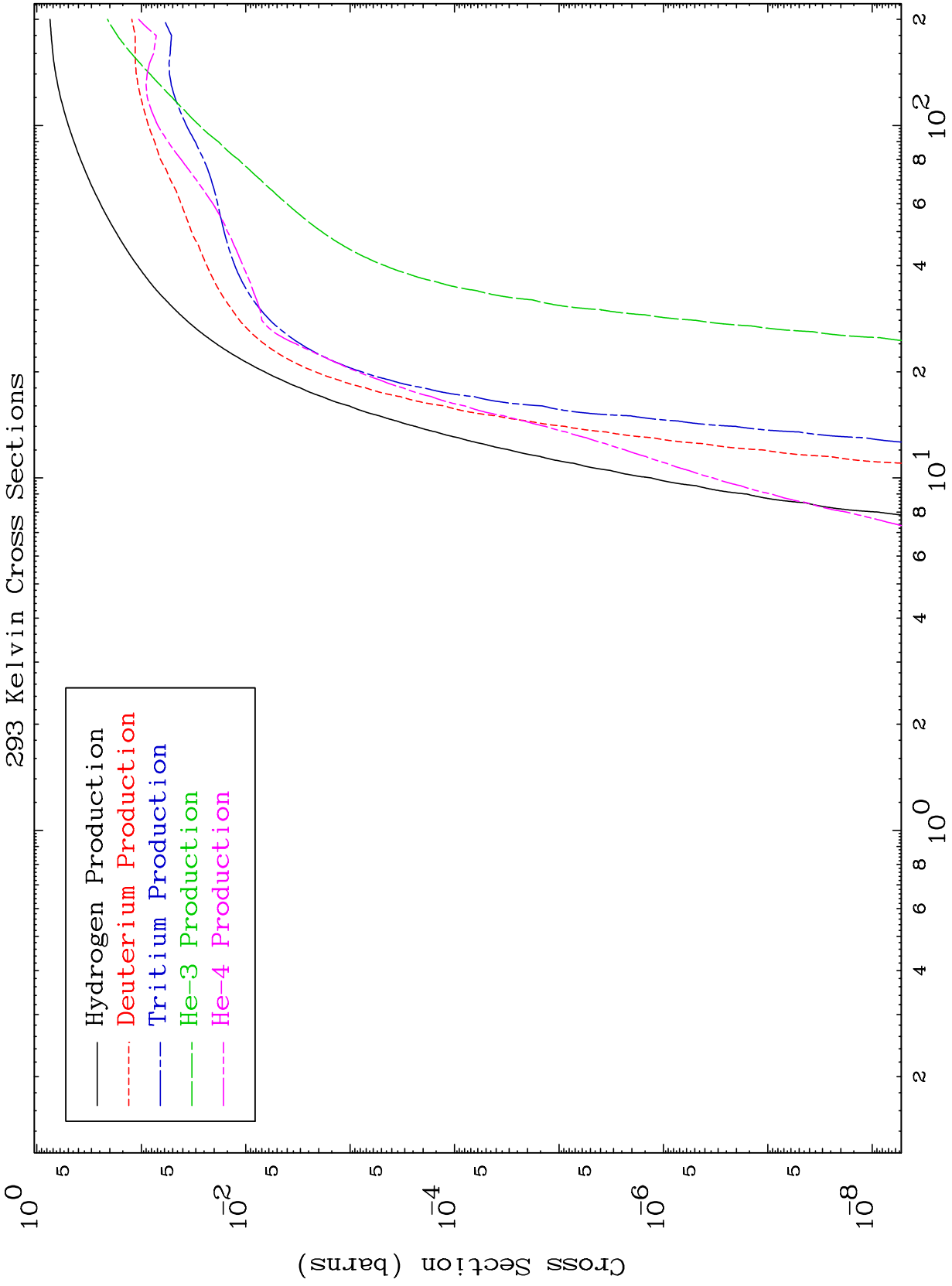
81-Tl-207



MAT 8137

Particle Production
293 Kelvin Cross Sections

81-Tl-207



6

Incident Energy (MeV)

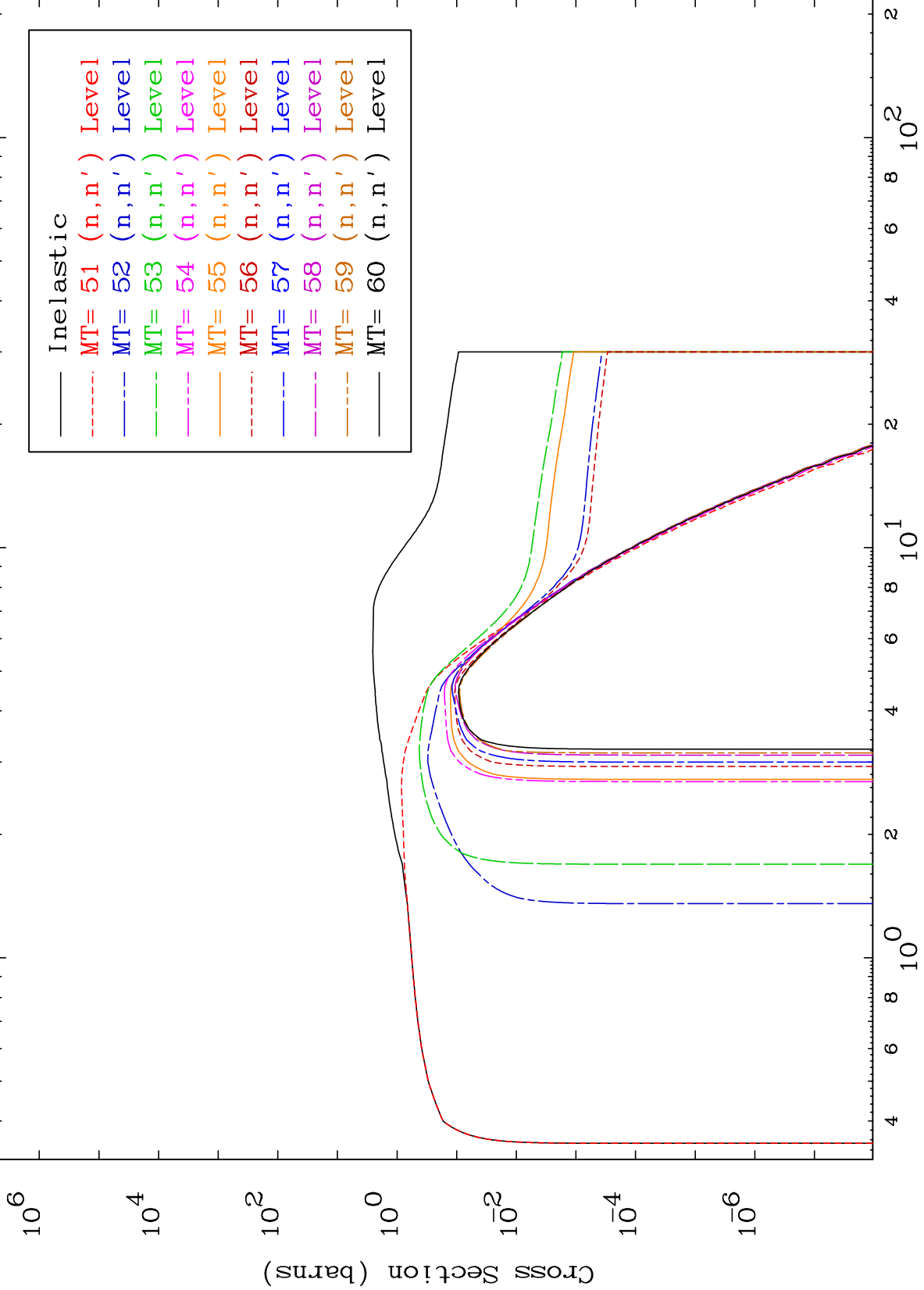
81-Tl-207

MAT 8137

(n,n') Level

81-Tl-207

293 Kelvin Cross Sections

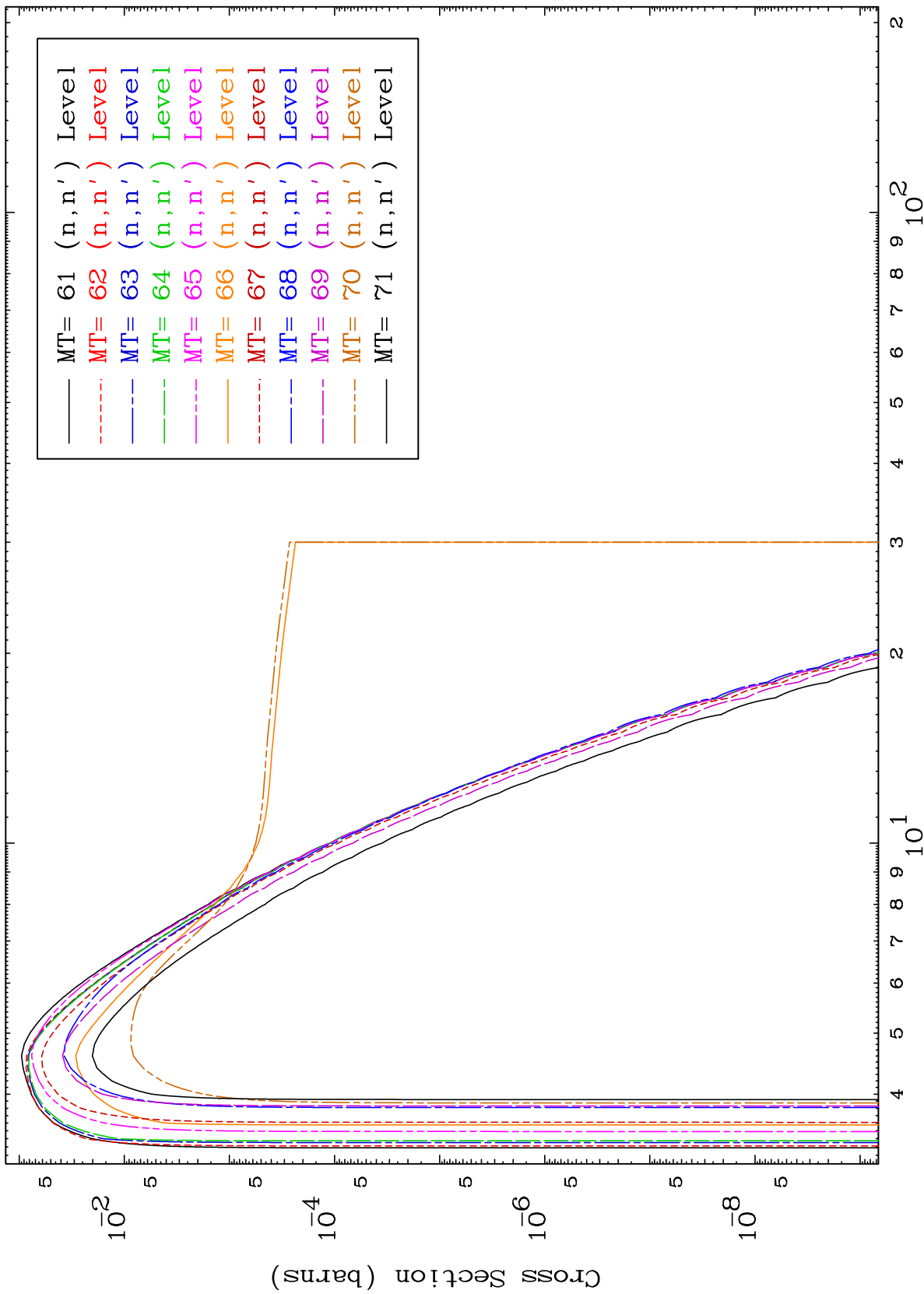


MAT 8137

(n,n') Level

81-Tl-207

293 Kelvin Cross Sections



8

Incident Energy (MeV)

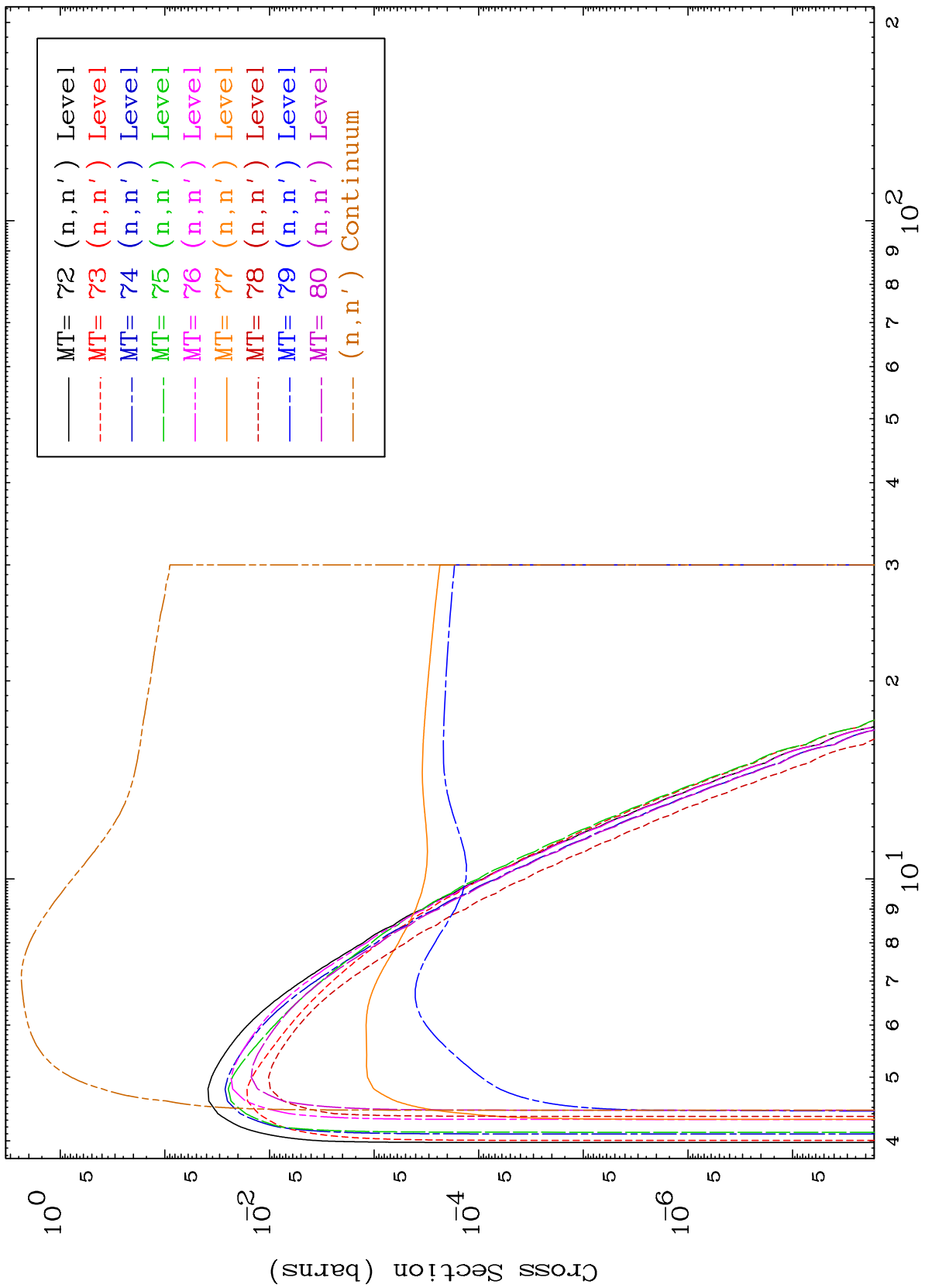
81-Tl-207

MAT 8137

(n,n') Level

81-Tl-207

293 Kelvin Cross Sections



9

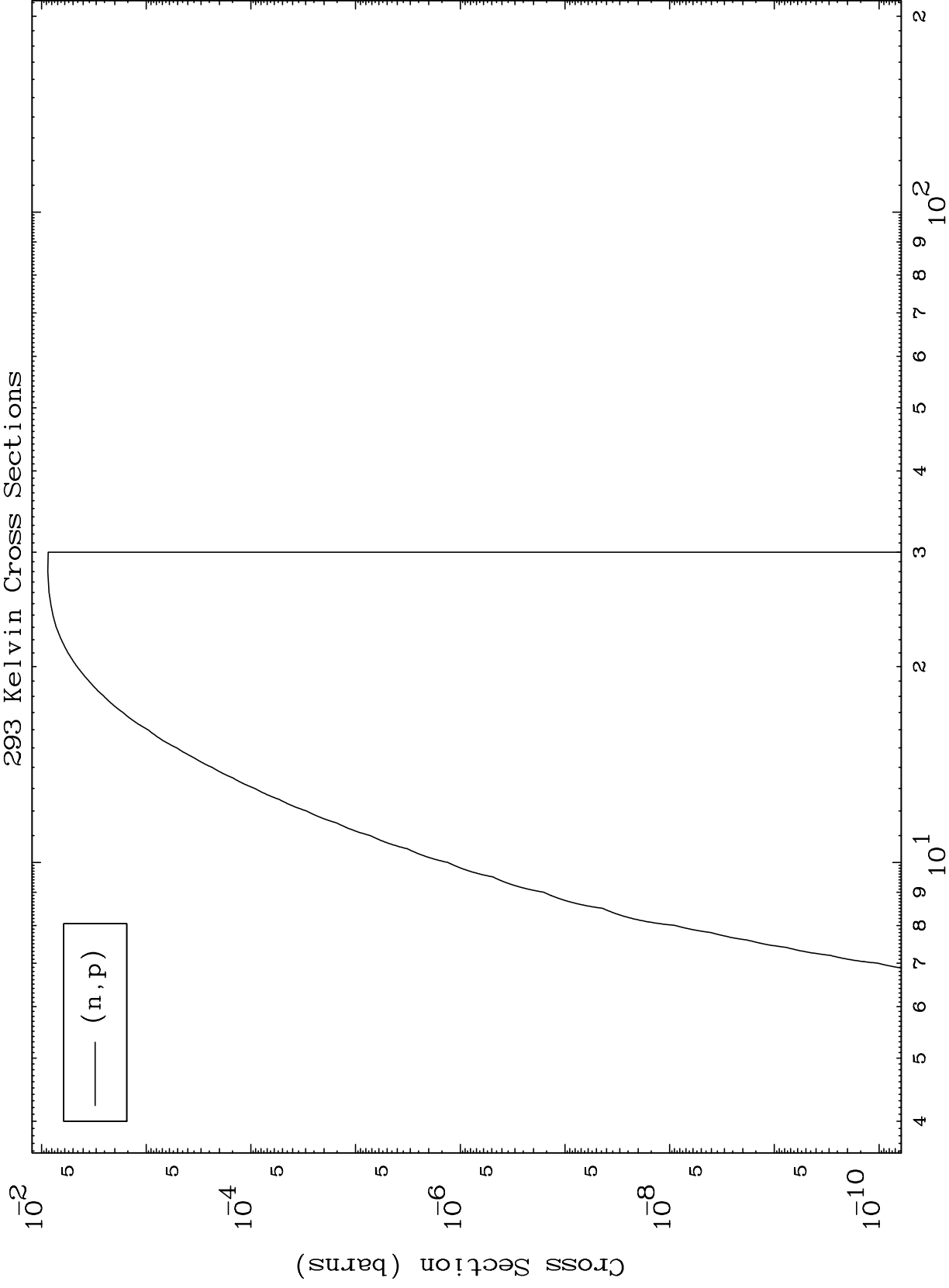
Incident Energy (MeV)

81-Tl-207

MAT 8137

(n,p) Levels
293 Kelvin Cross Sections

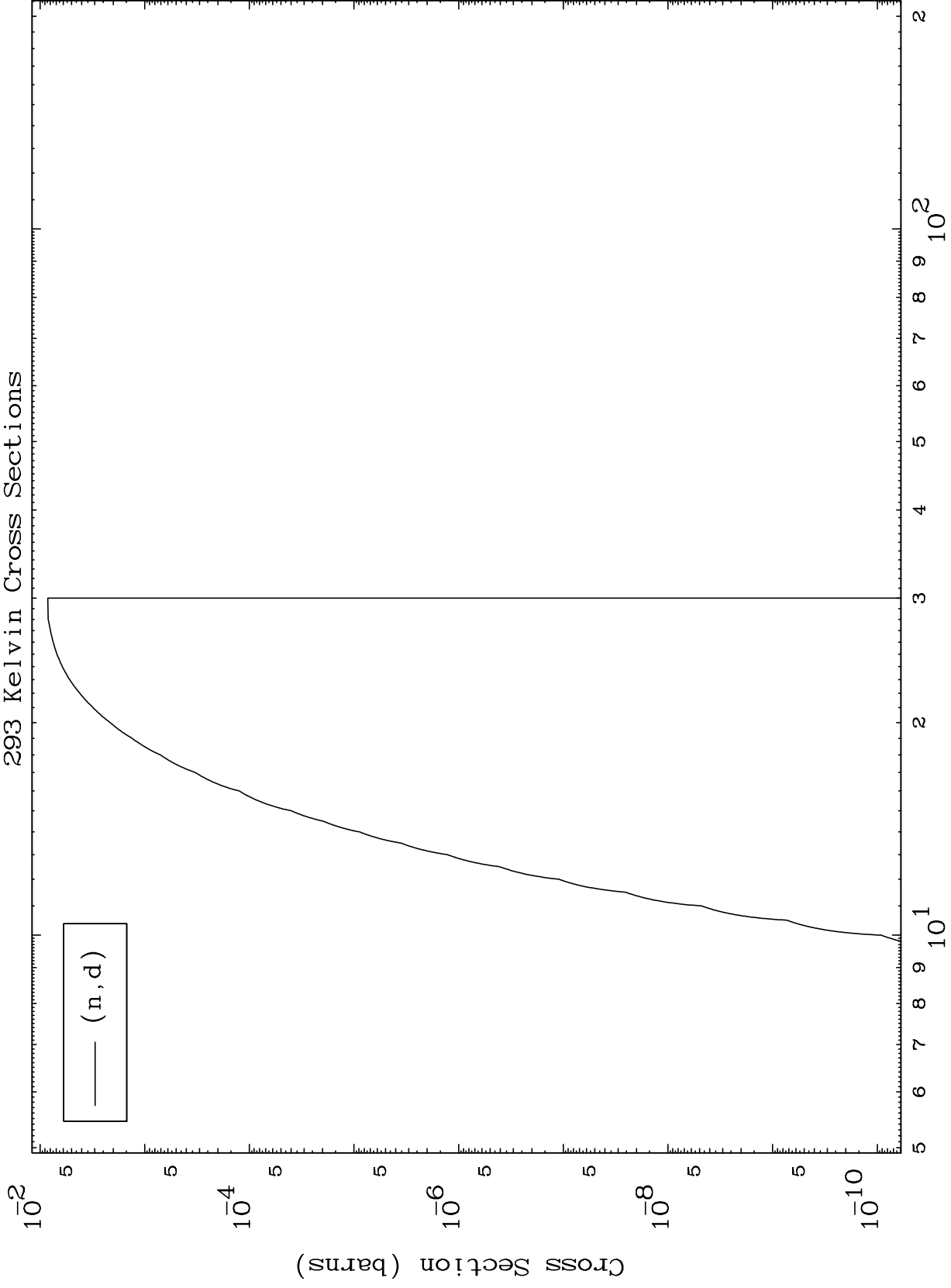
81-Tl-207



MAT 8137

(n,d) Levels
293 Kelvin Cross Sections

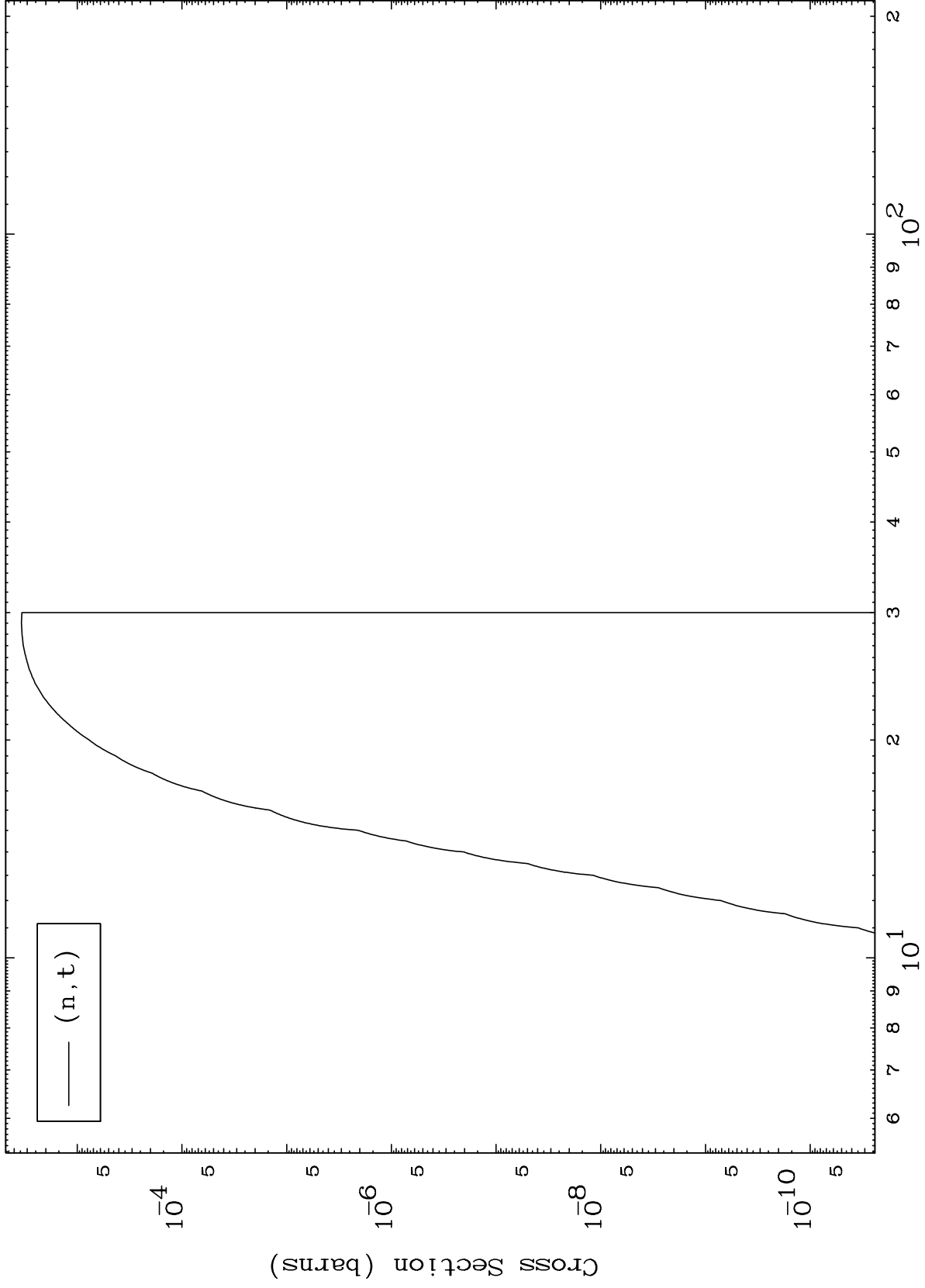
81-Tl-207



MAT 8137

(n,t) Levels
293 Kelvin Cross Sections

81-T1-207



12

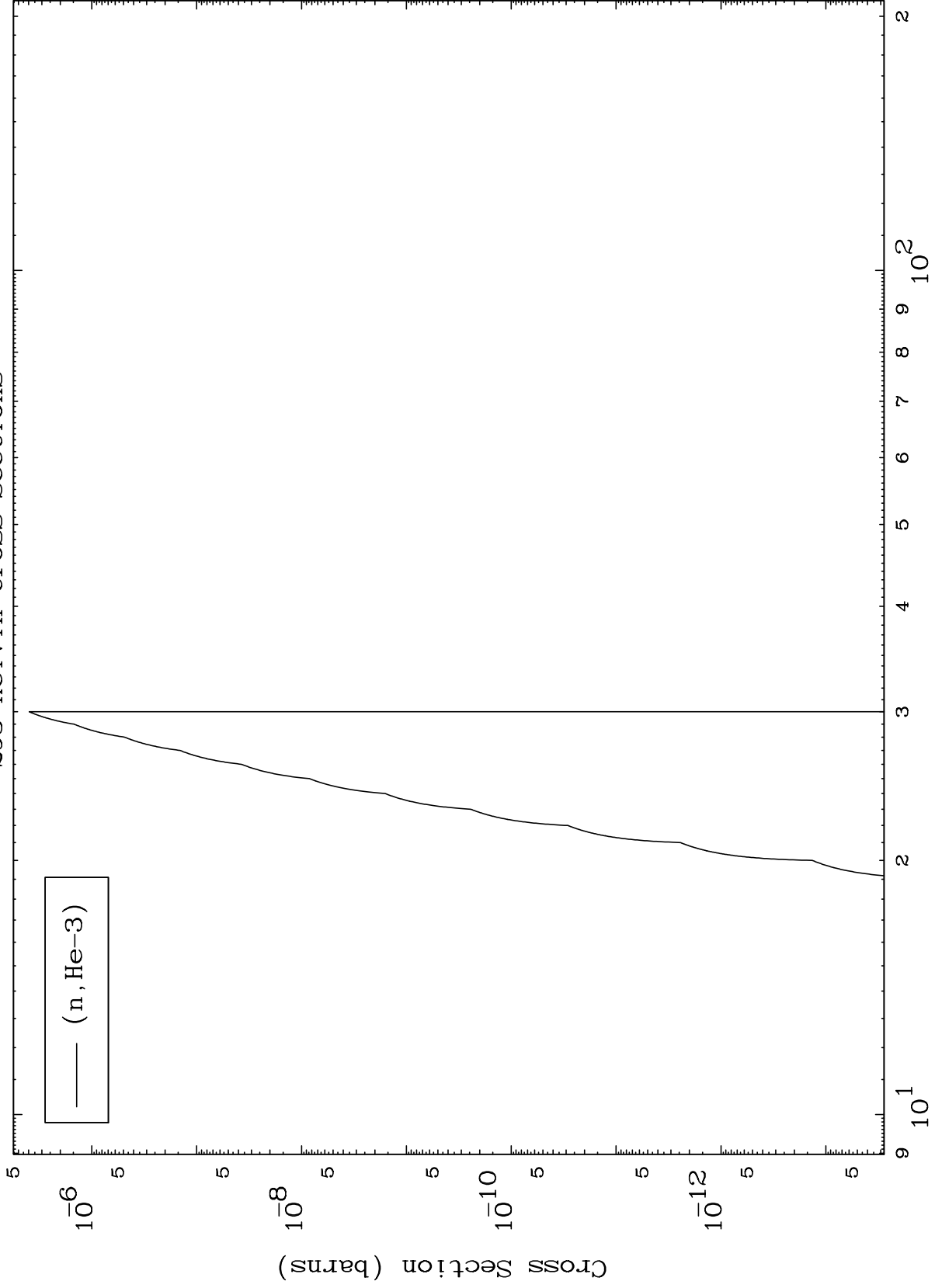
Incident Energy (MeV)

81-T1-207

MAT 8137

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-207



13

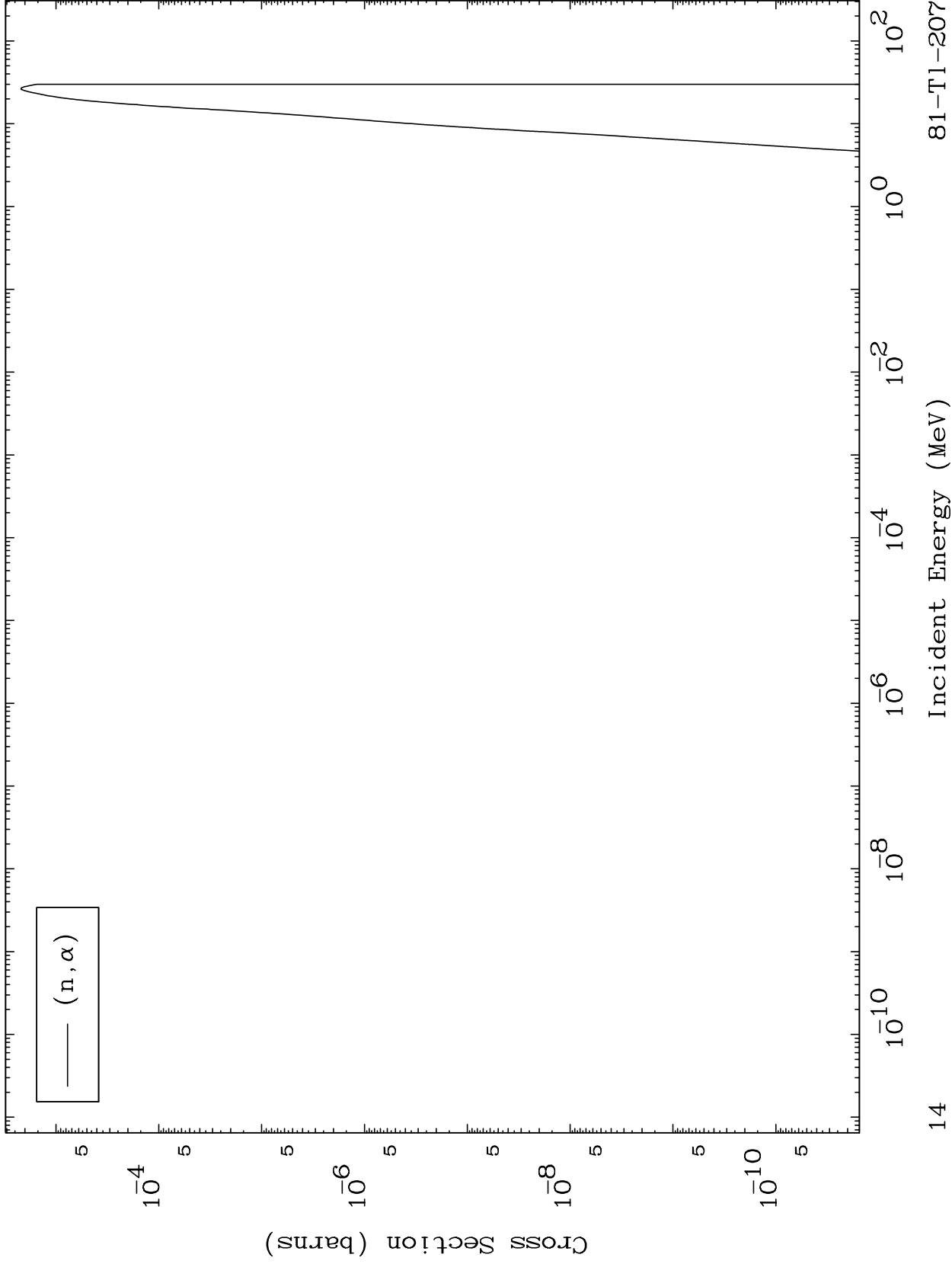
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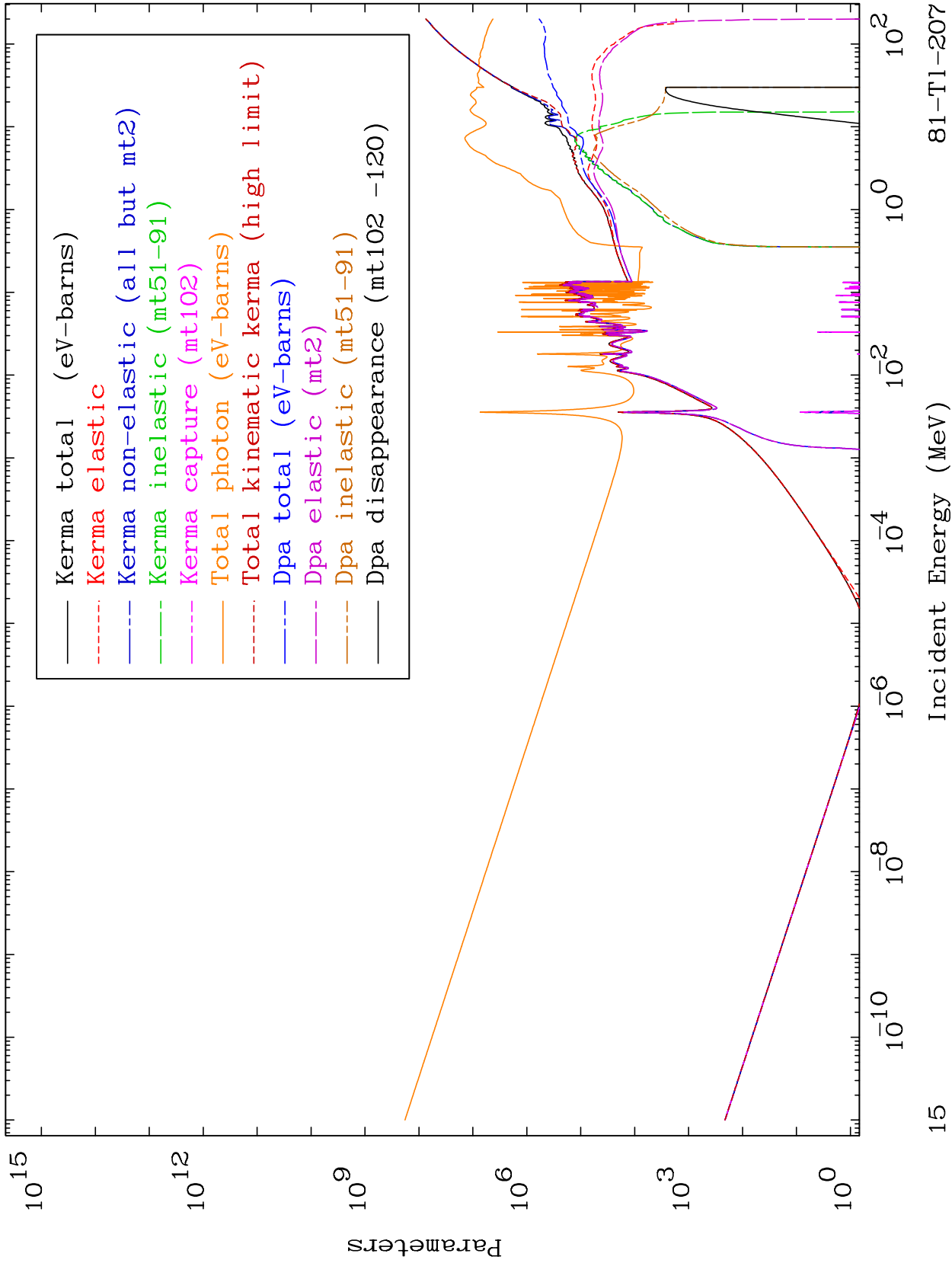
81-T1-207

MAT 8137

(n, α) Levels
293 Kelvin Cross Sections

81-Tl-207

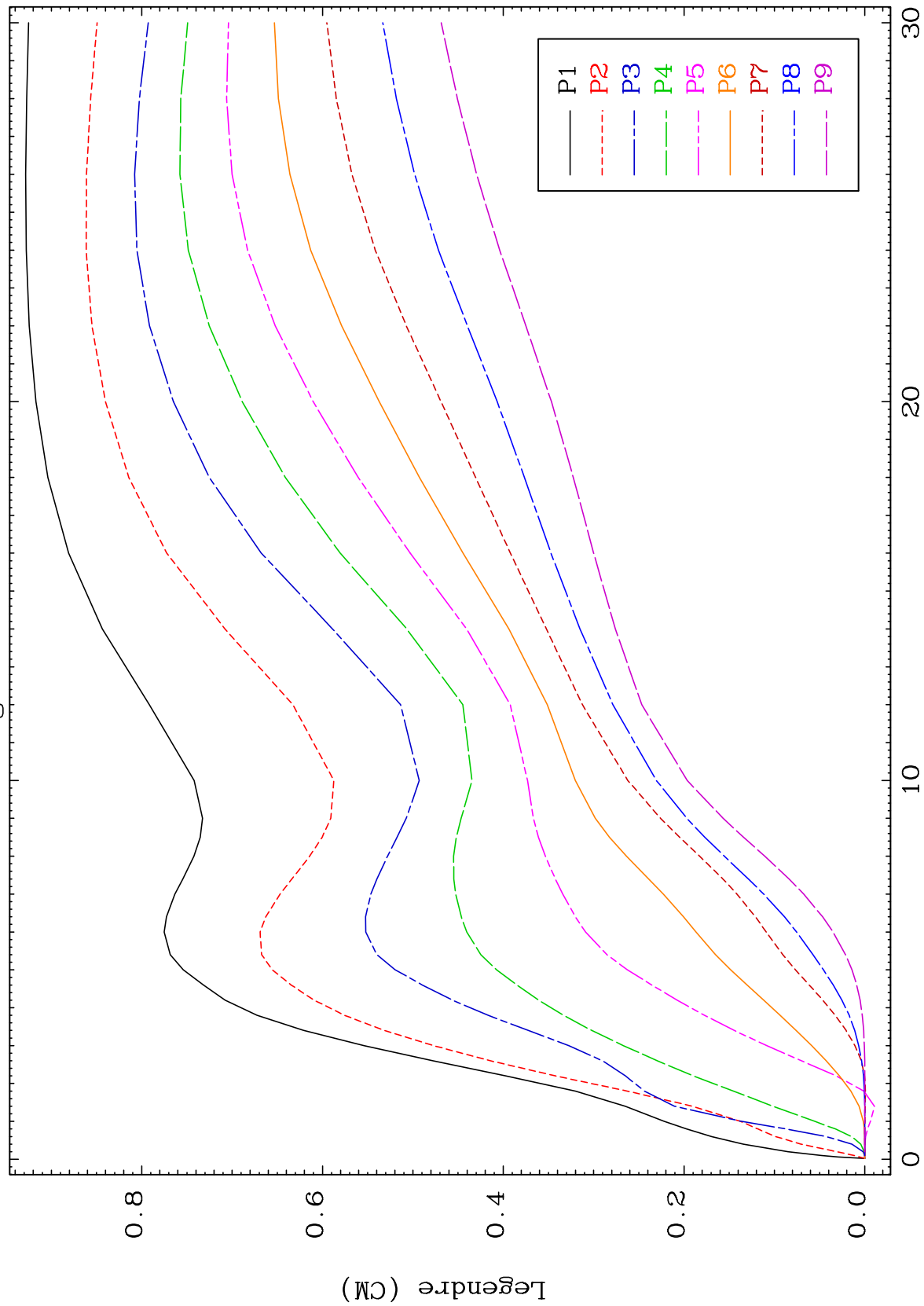




MAT 8137

Elastic Legendre Coefficients

81-T1-207



16

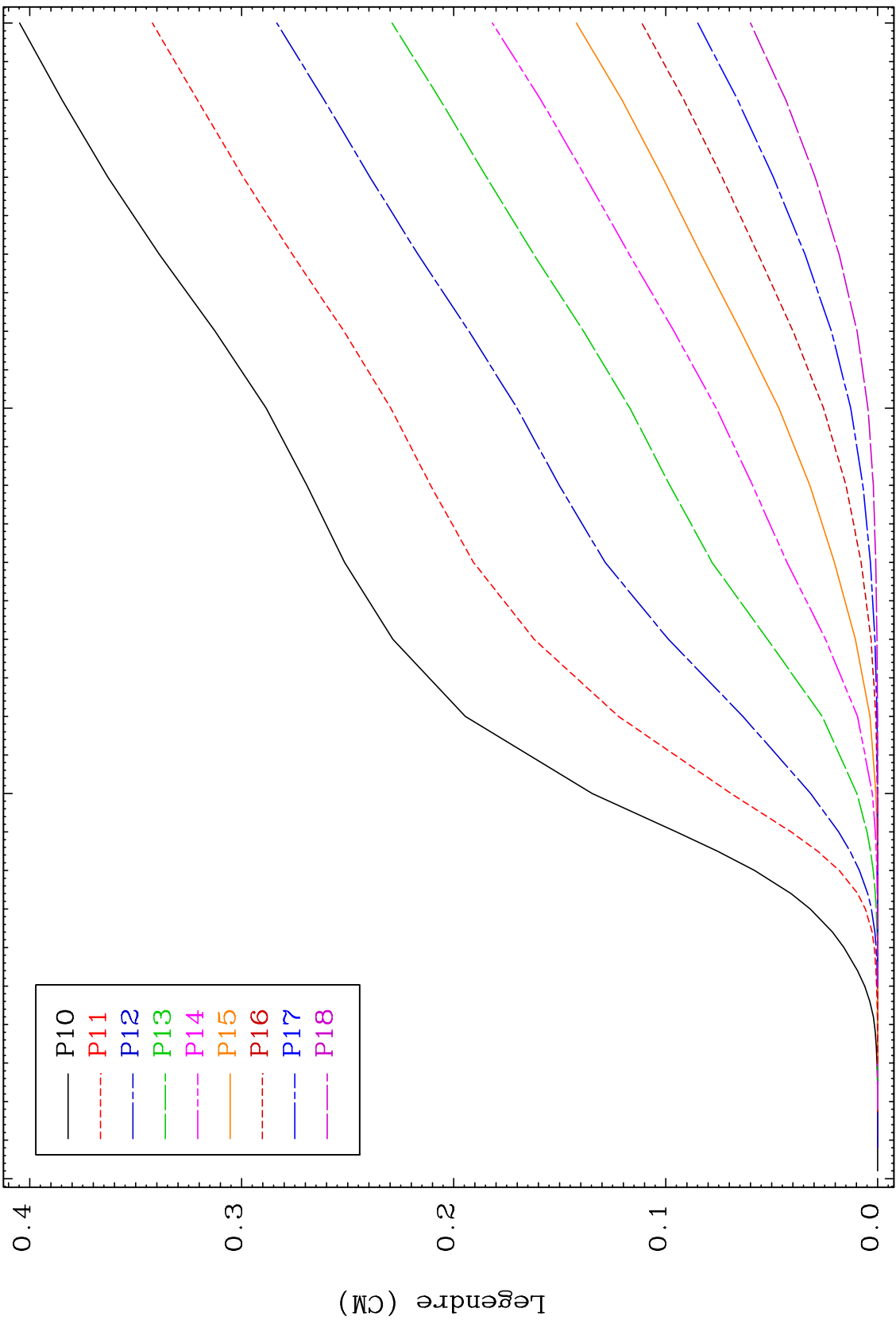
Incident Energy (MeV)

81-T1-207

MAT 8137

Elastic Legendre Coefficients

81-T1-207



17

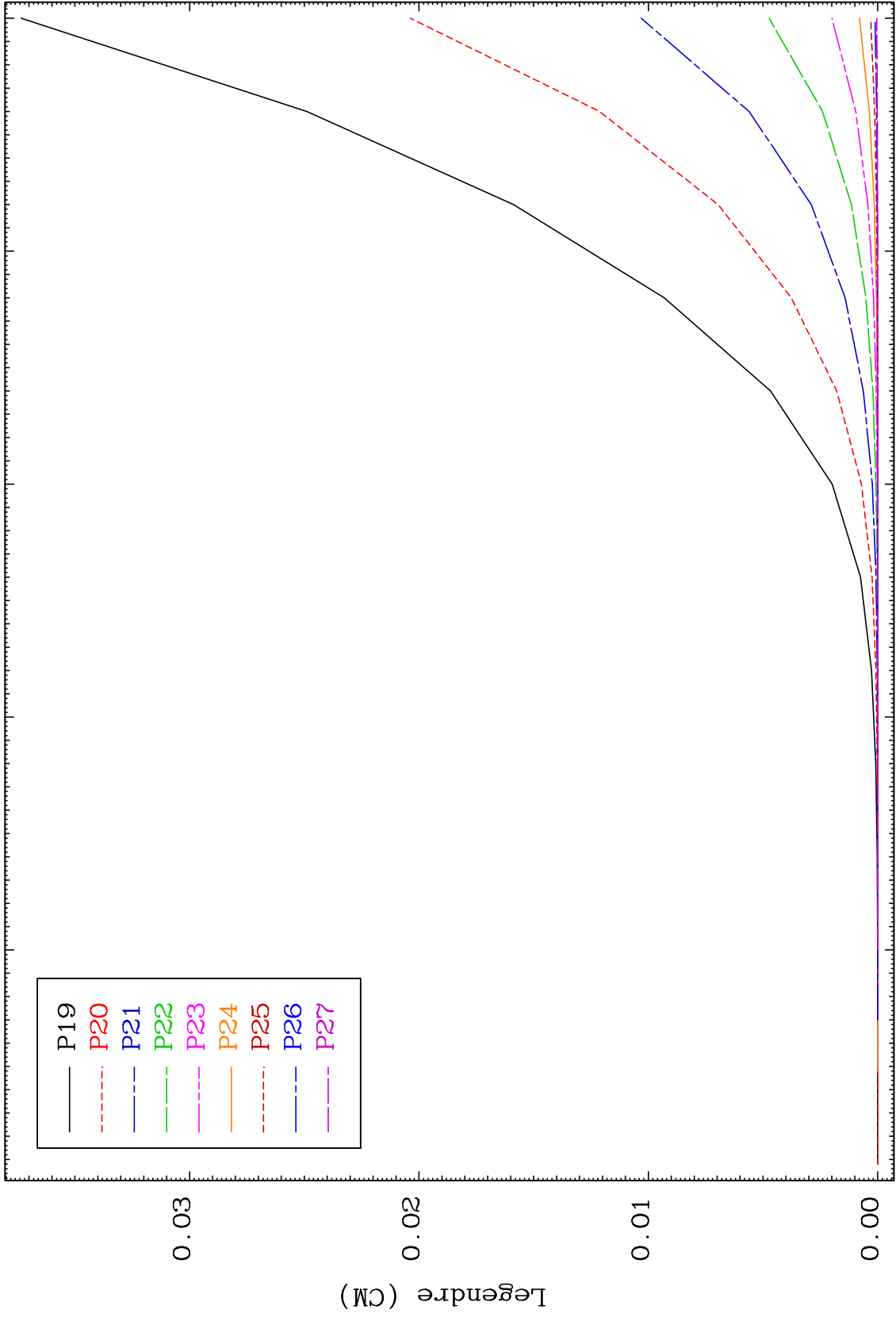
Incident Energy (MeV)

81-T1-207

MAT 8137

Elastic Legendre Coefficients

81-T1-207



18

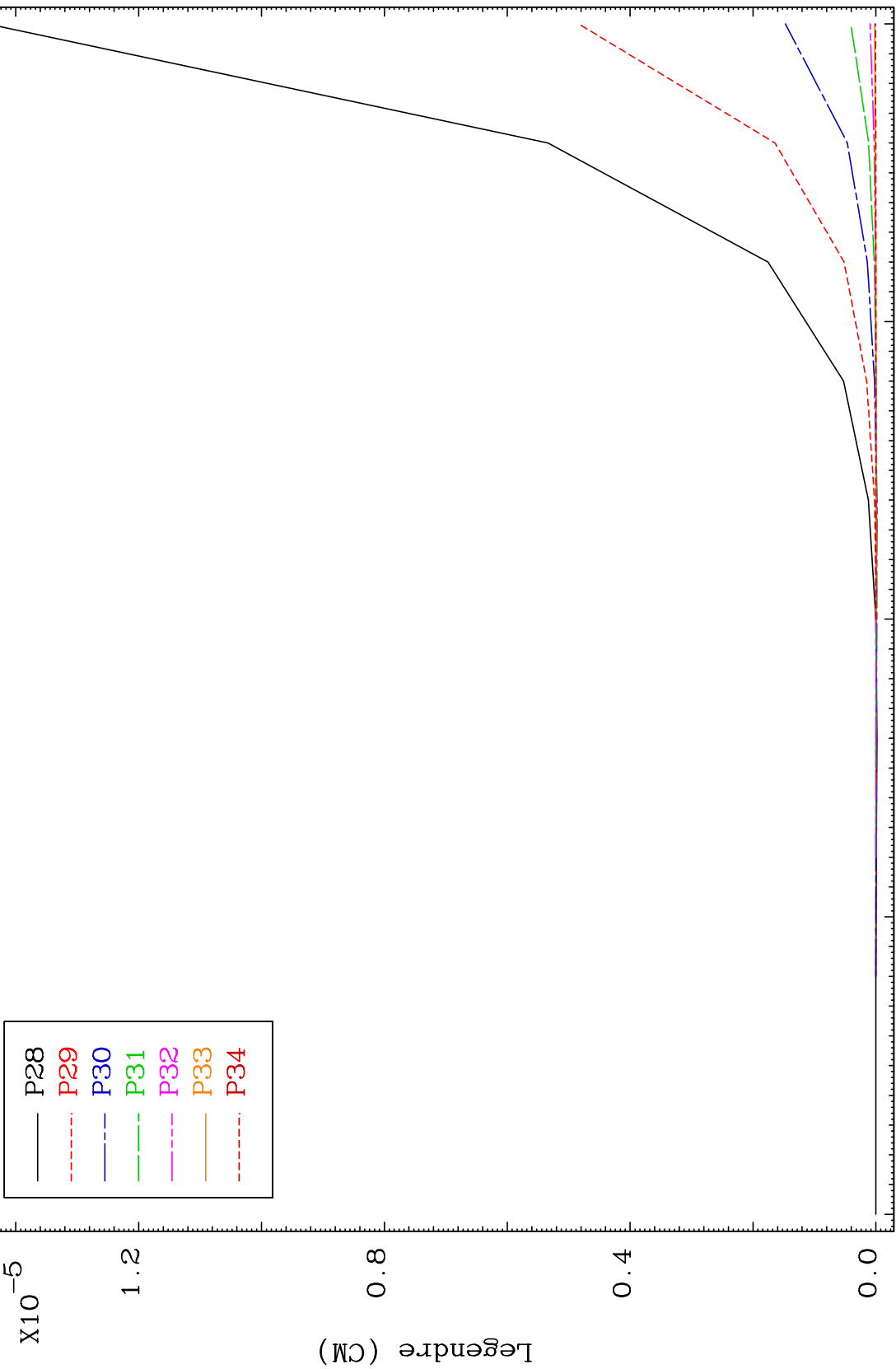
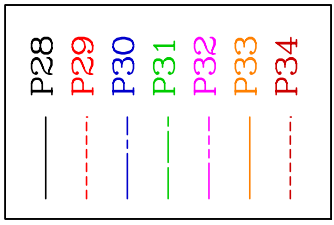
Incident Energy (MeV)

81-T1-207

MAT 8137

Elastic Legendre Coefficients

81-T1-207



19

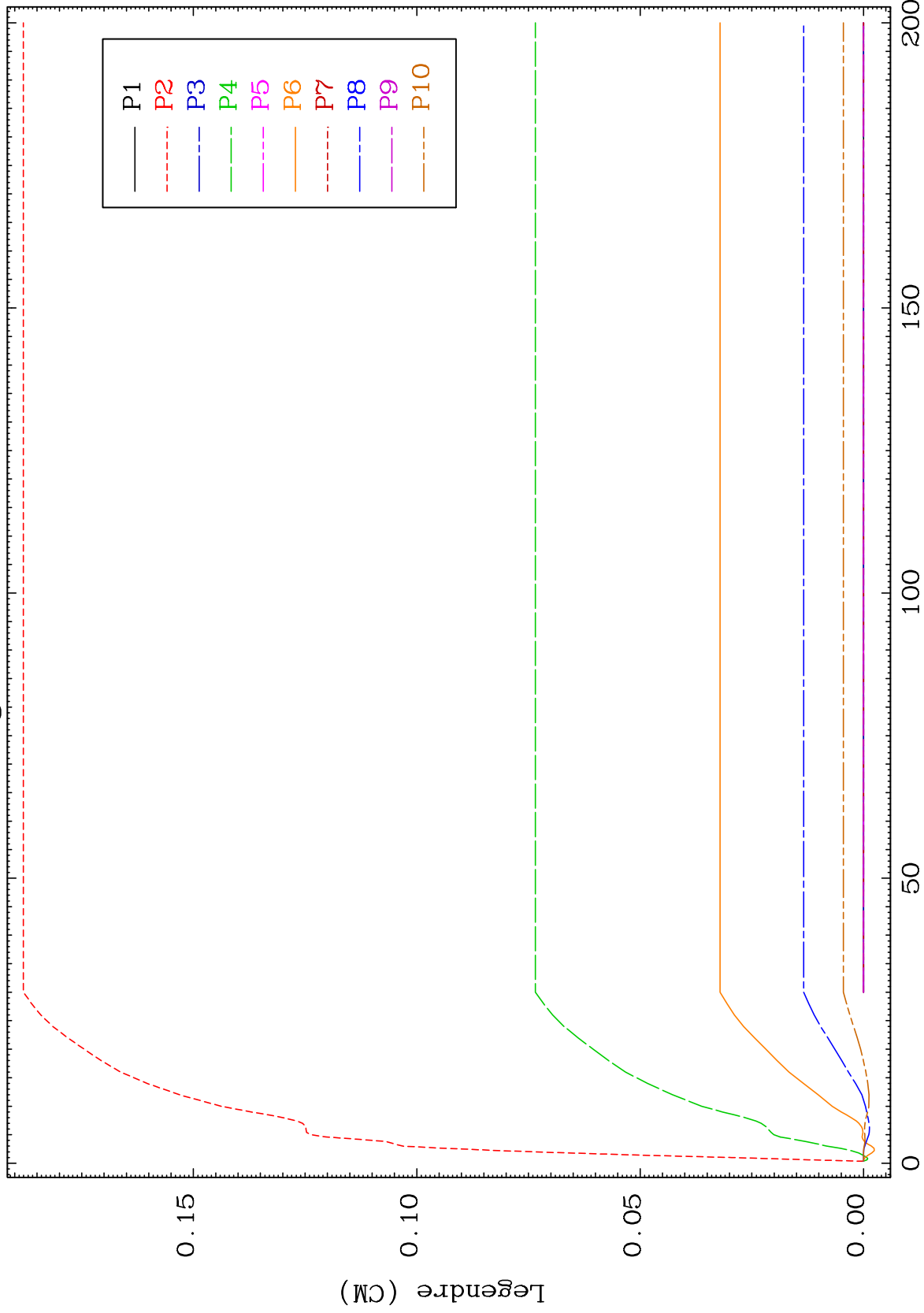
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



81-T1-207

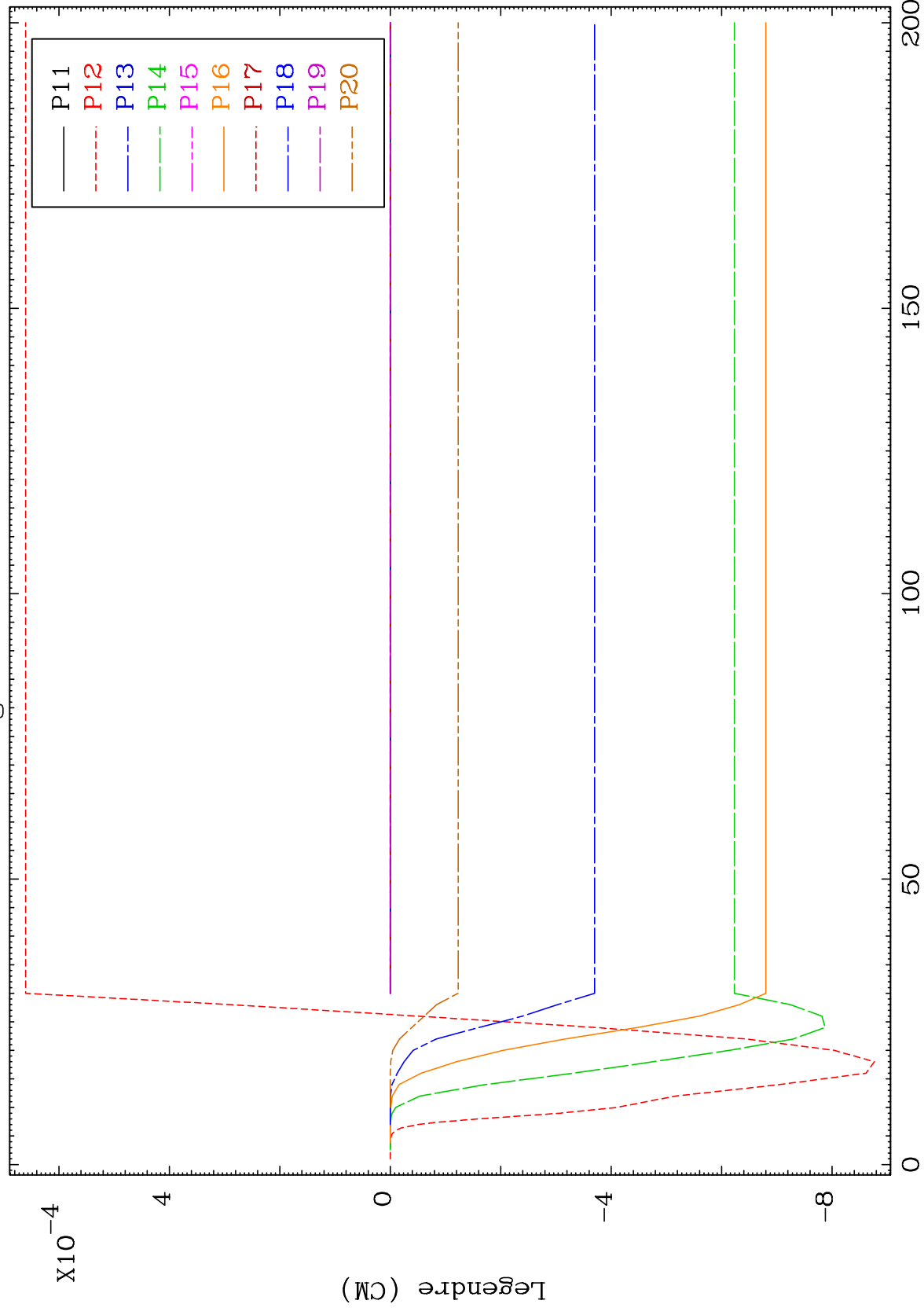
Incident Energy (MeV)

20

MAT 8137

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

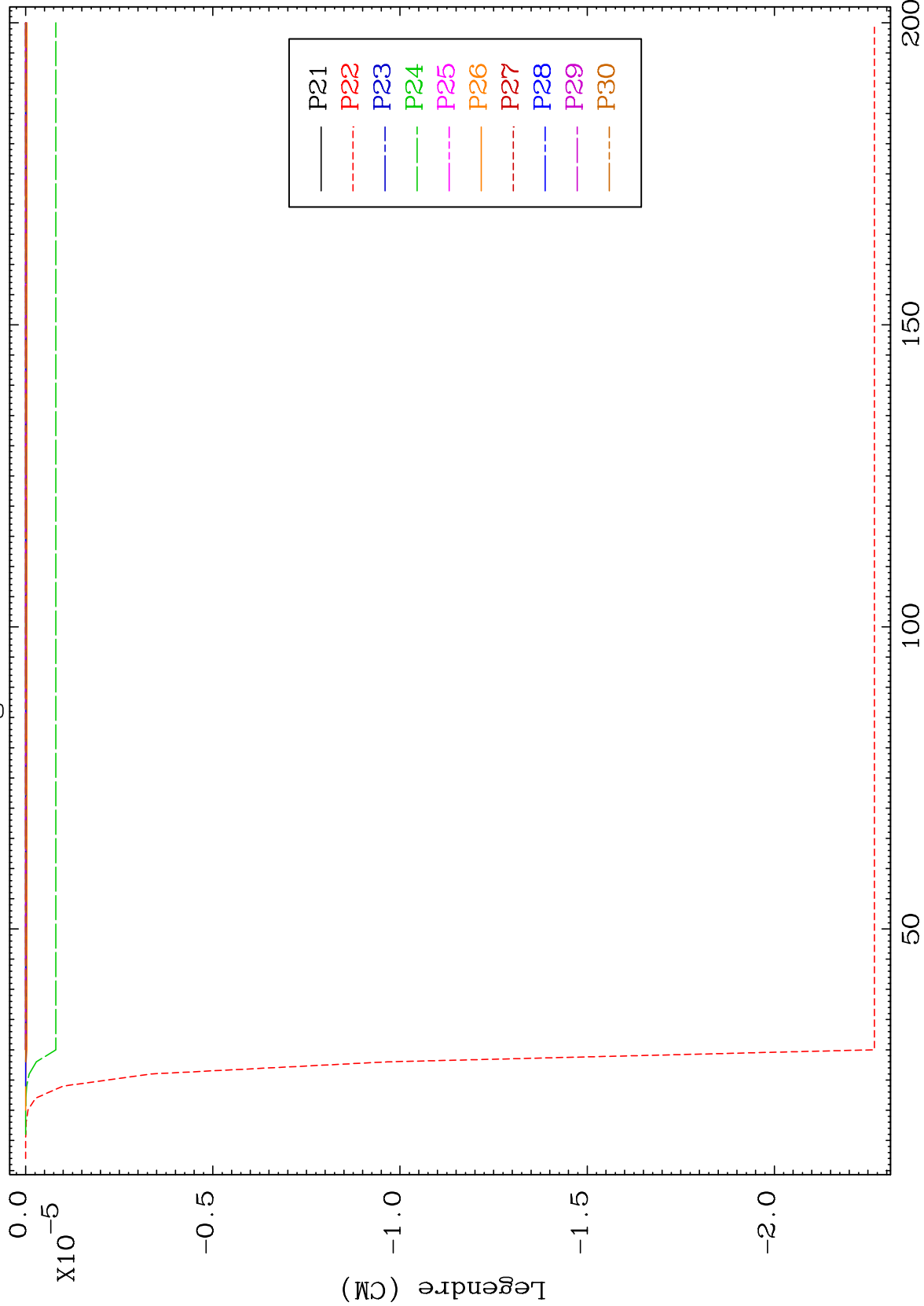
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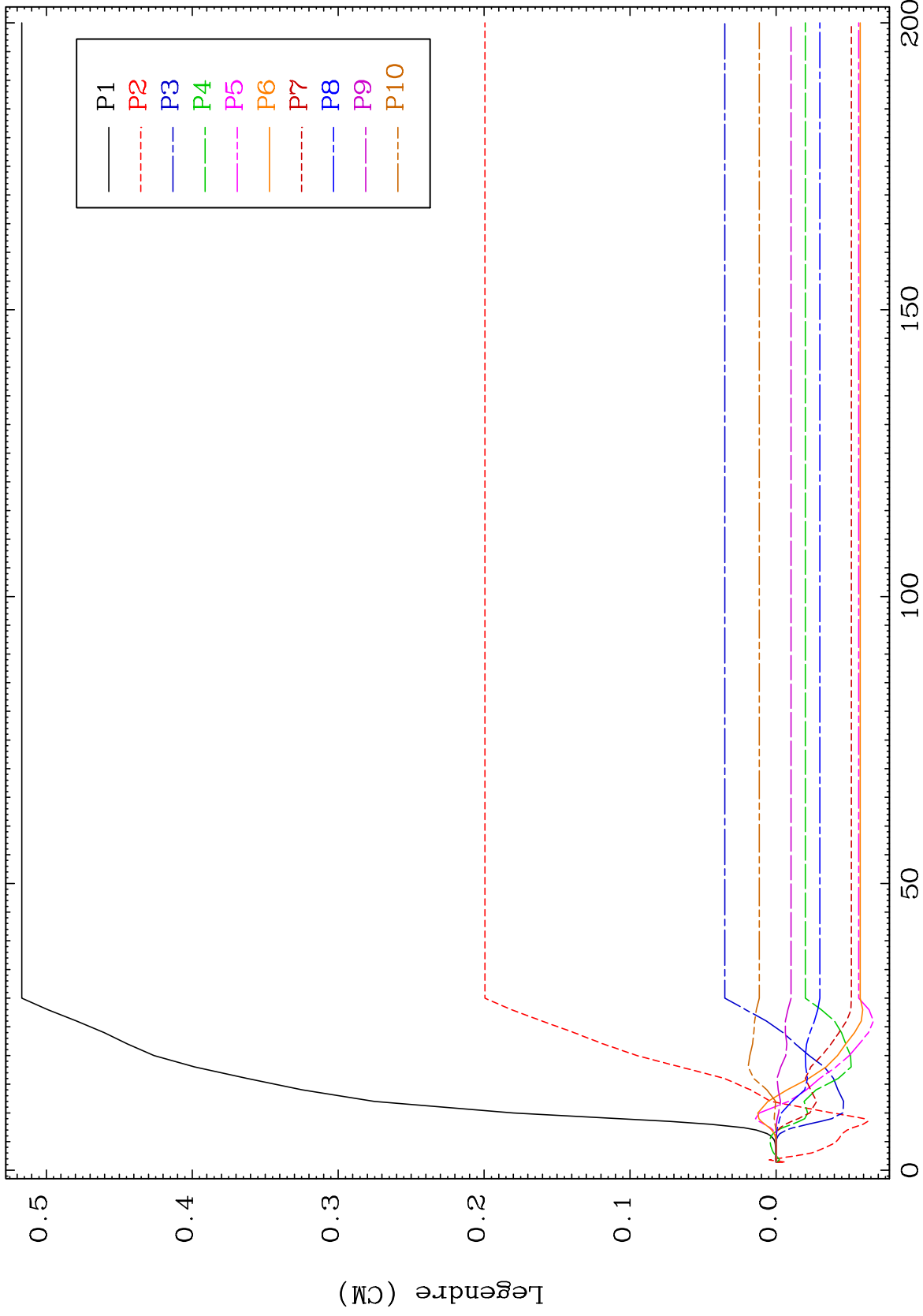


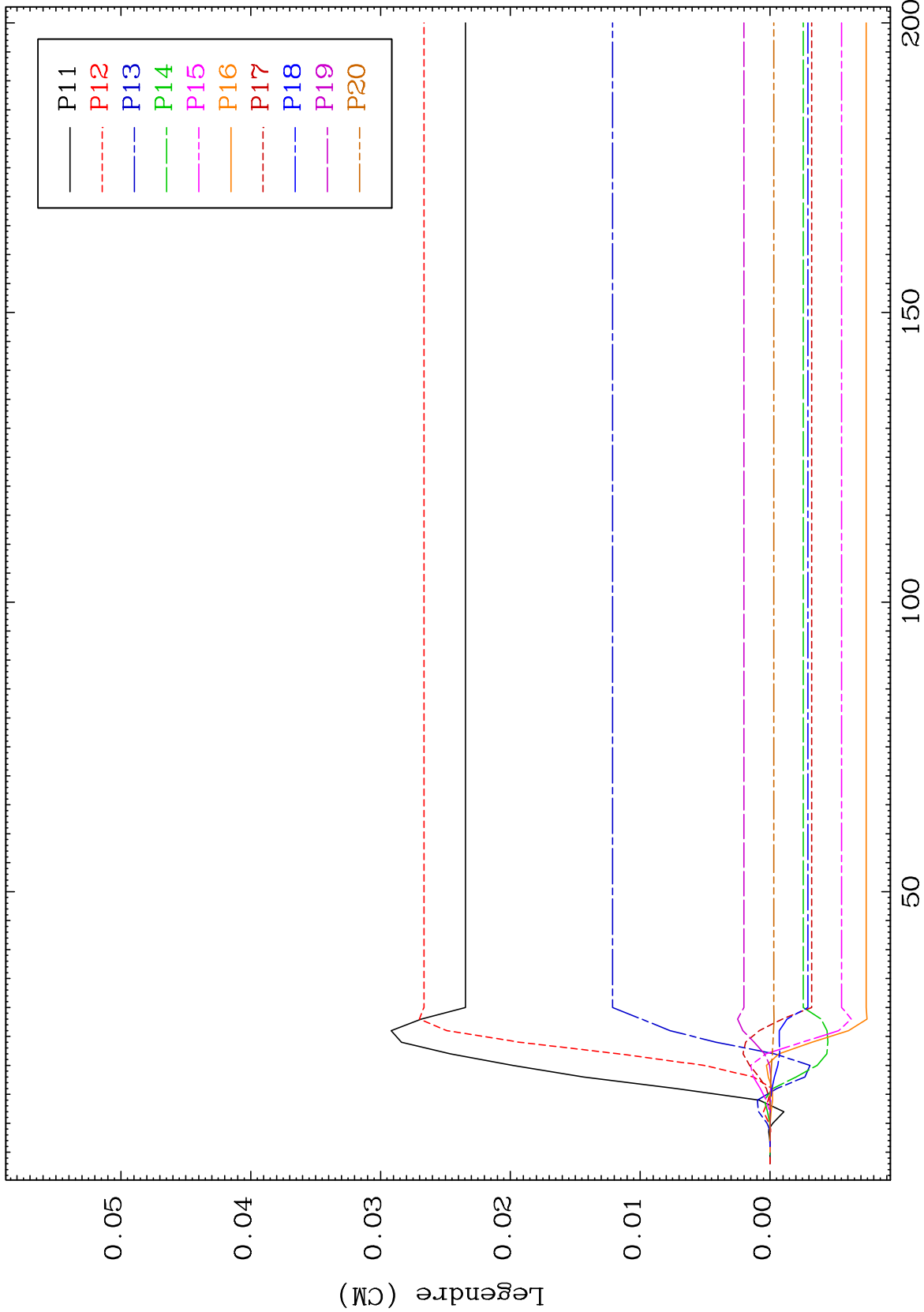
21

Incident Energy (MeV)

81-Tl-207



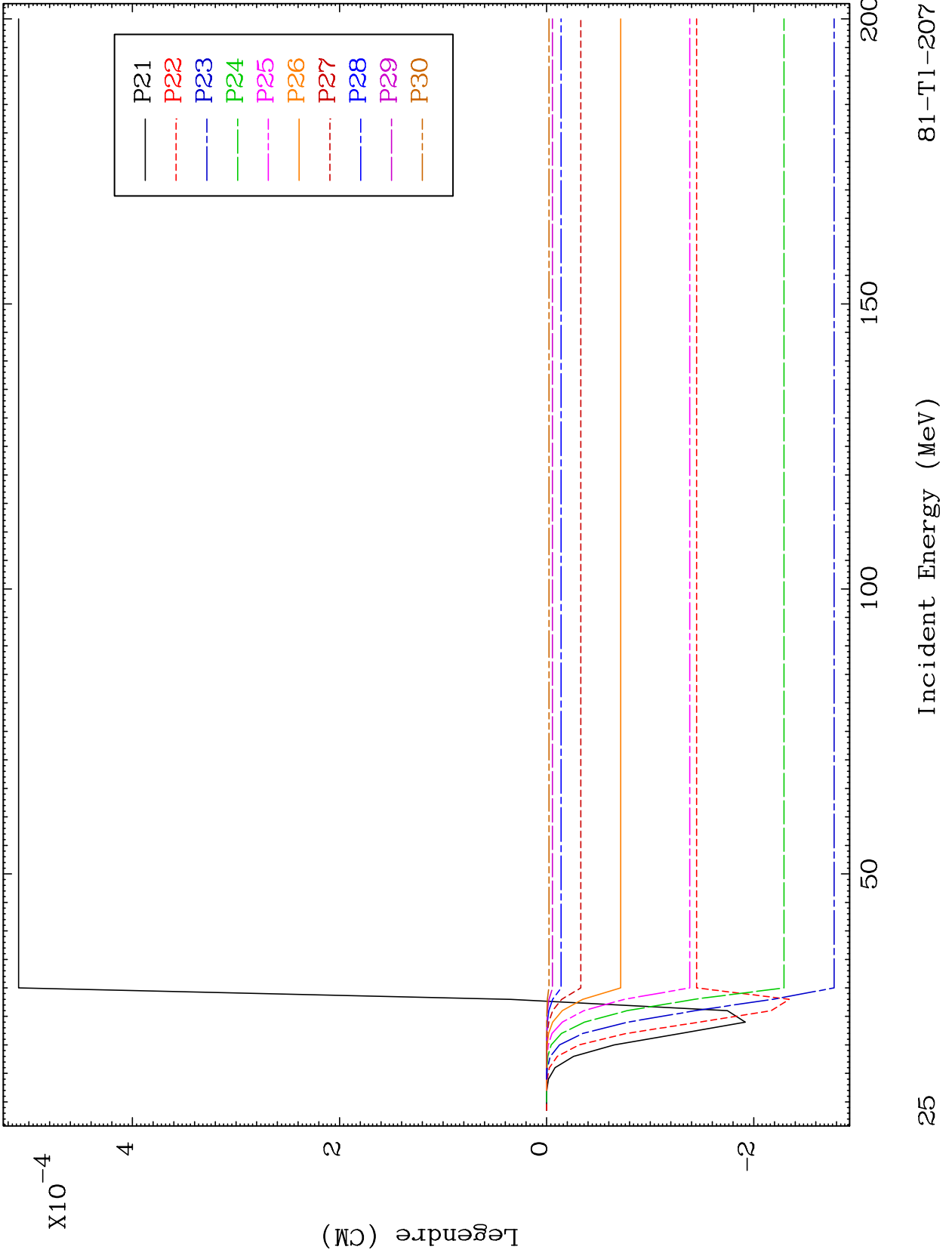




MAT 8137

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

81-T1-207



25

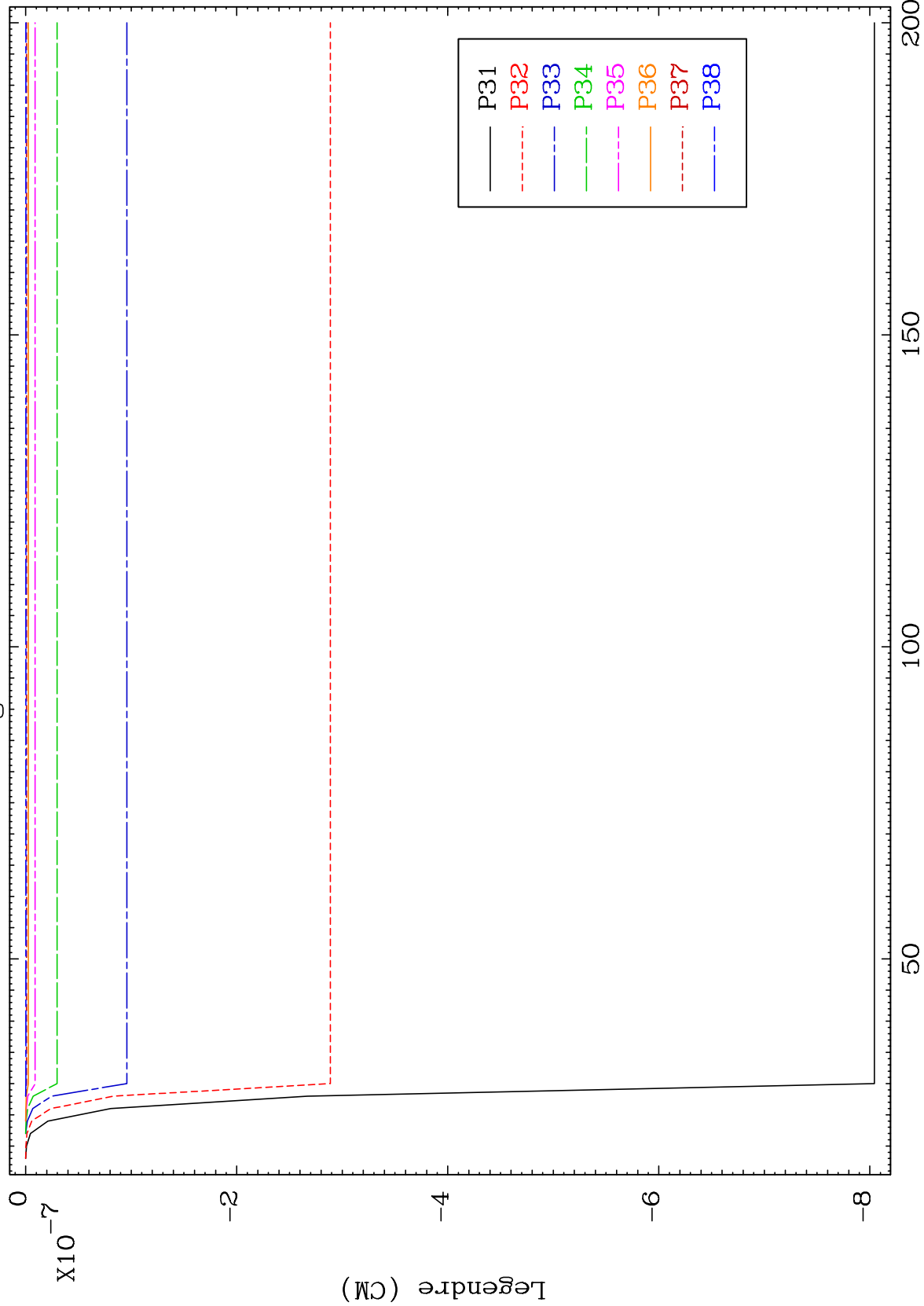
Incident Energy (MeV)

81-T1-207

MAT 8137

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

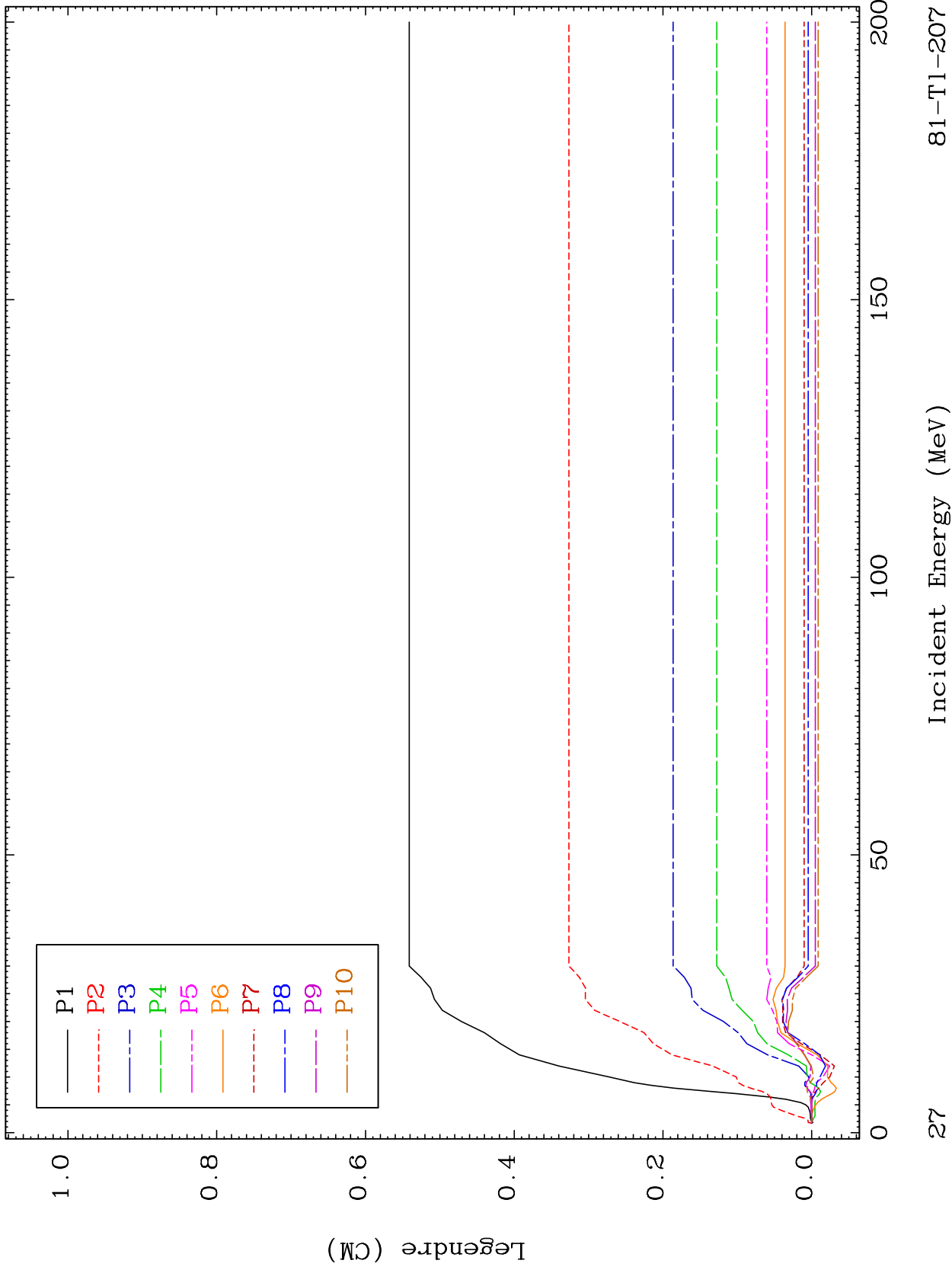
81-T1-207



26

Incident Energy (MeV)

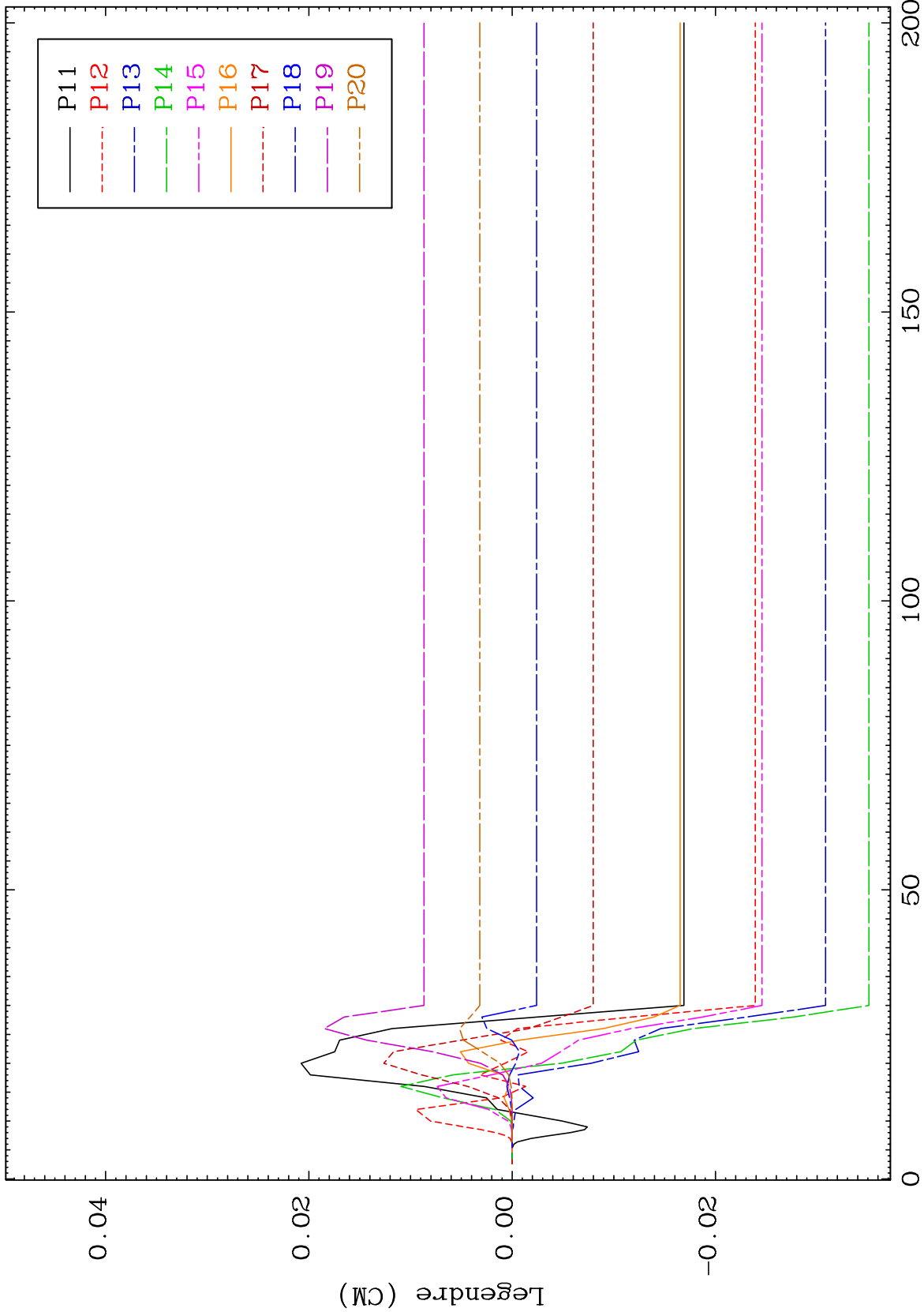
81-T1-207



MAT 8137

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

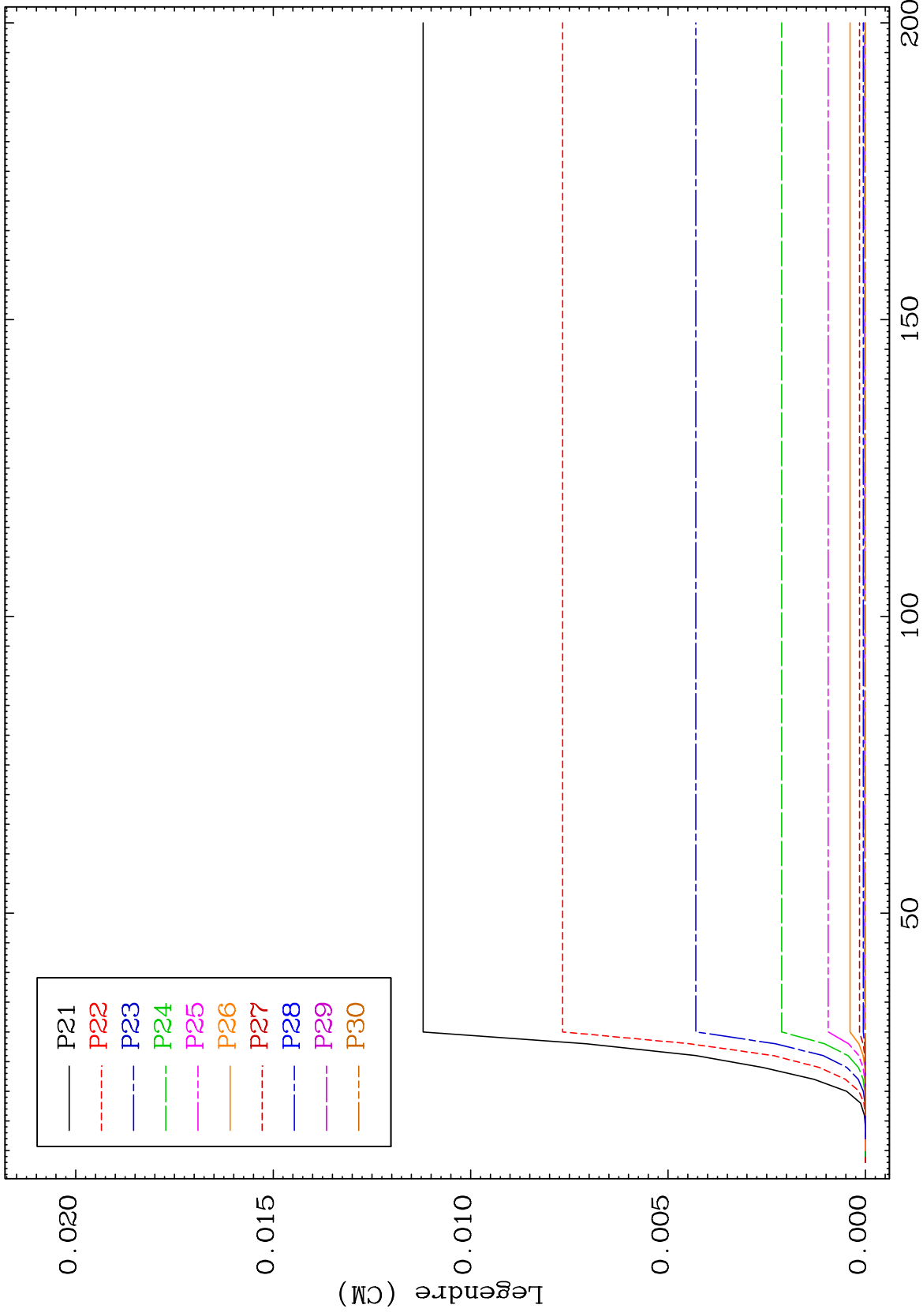
81-T1-207



28

Incident Energy (MeV)

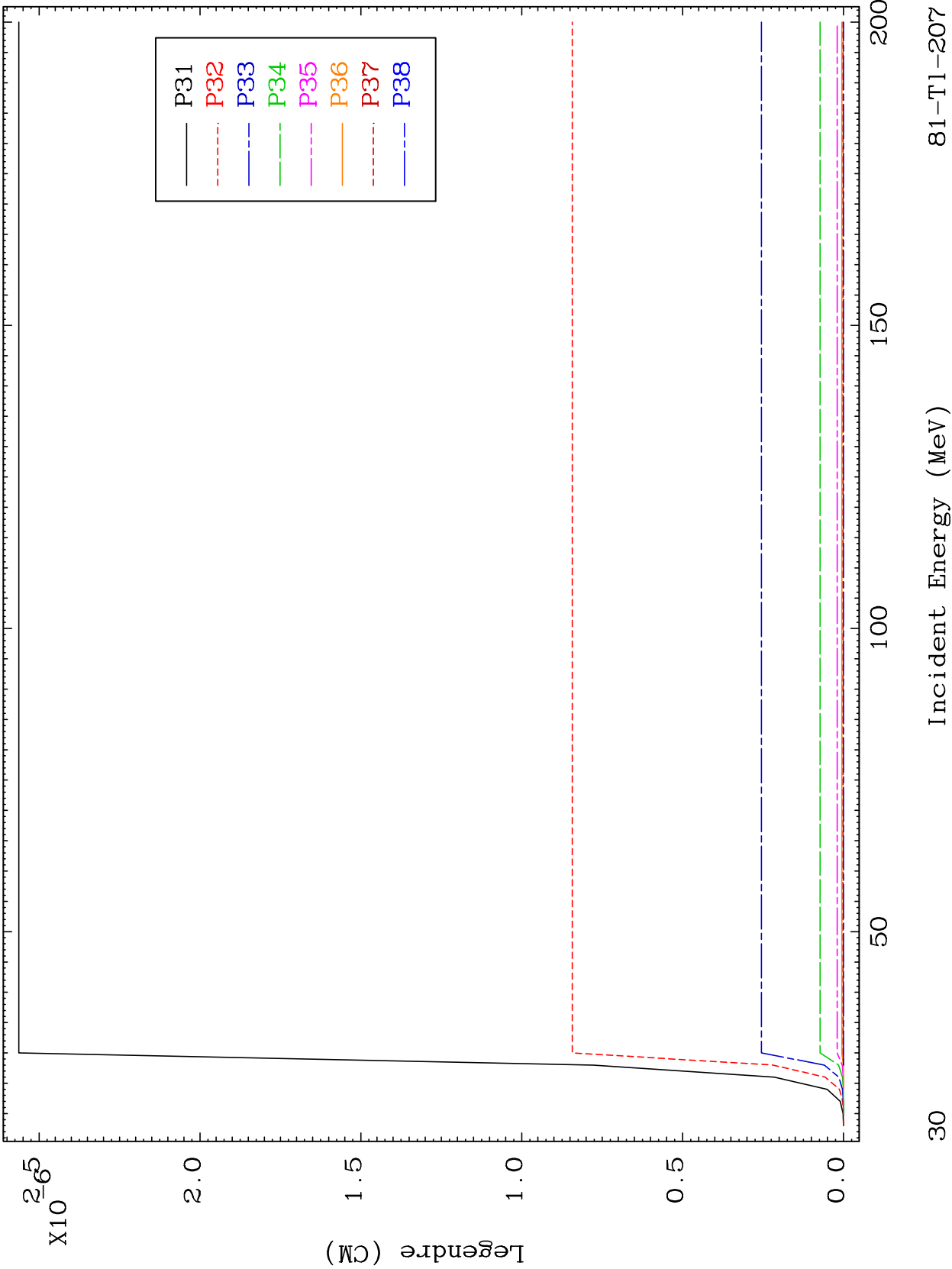
81-T1-207



MAT 8137

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

81-T1-207



81-T1-207

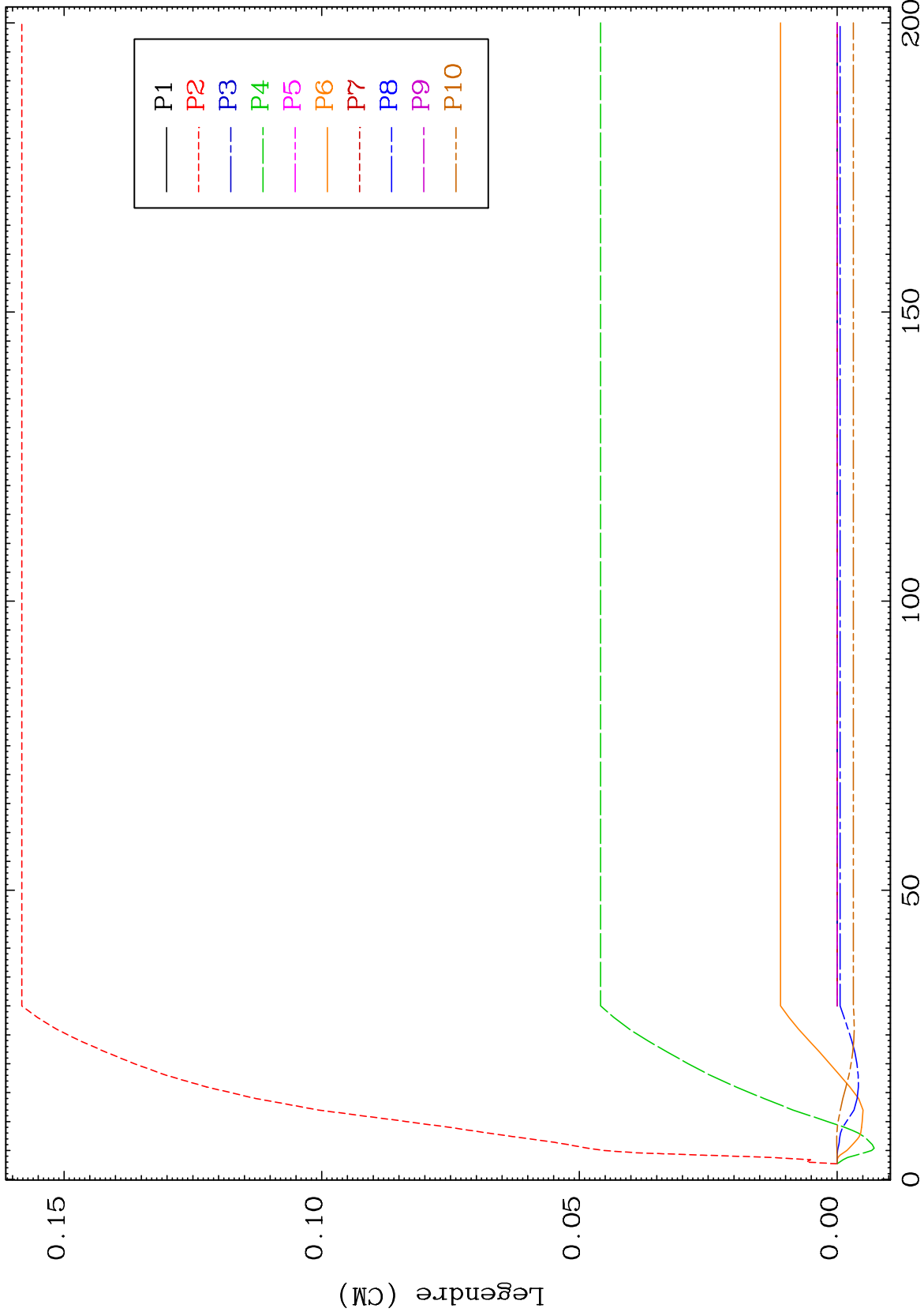
Incident Energy (MeV)

30

MAT 8137

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

81-T1-207



31

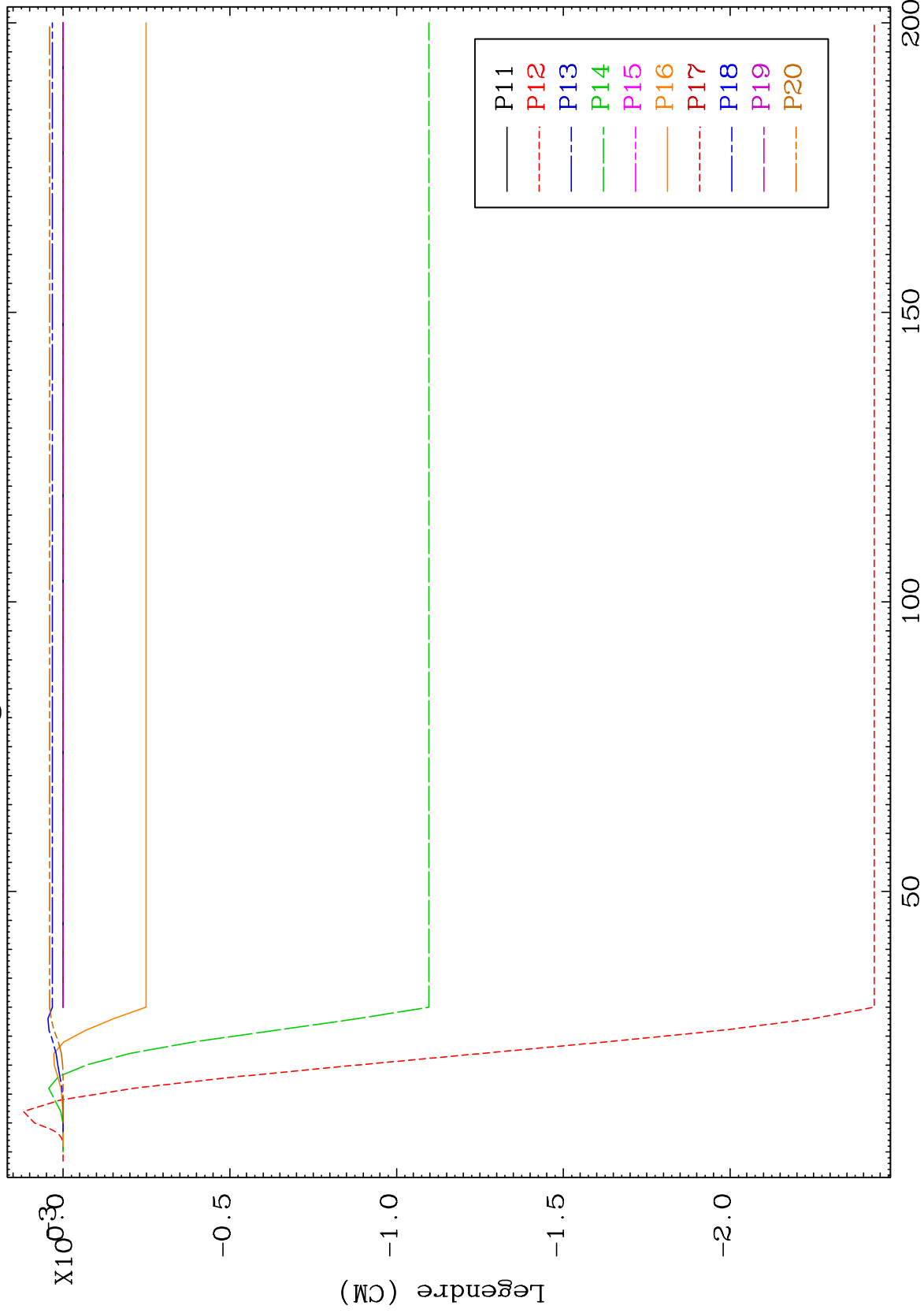
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



32

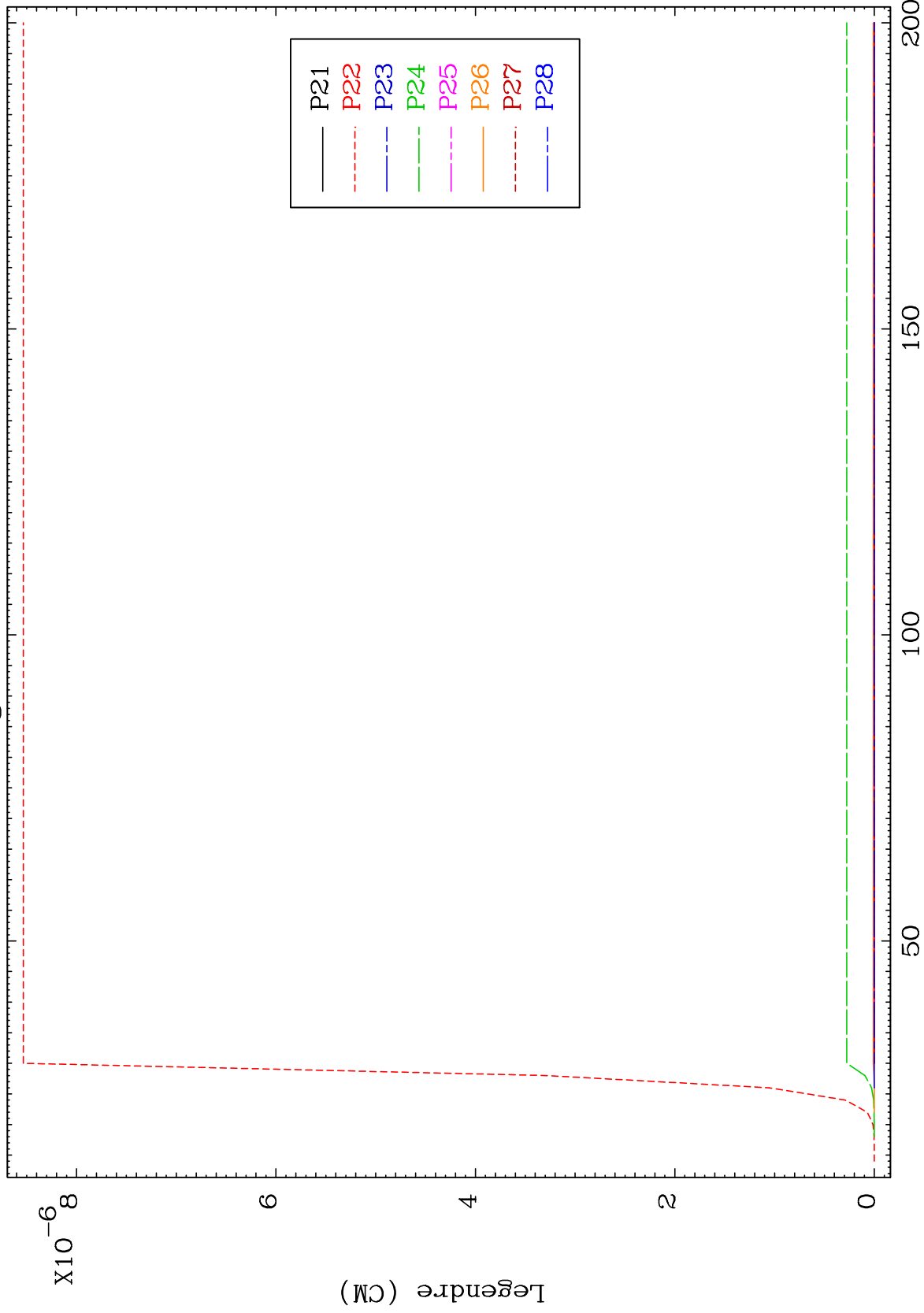
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



33

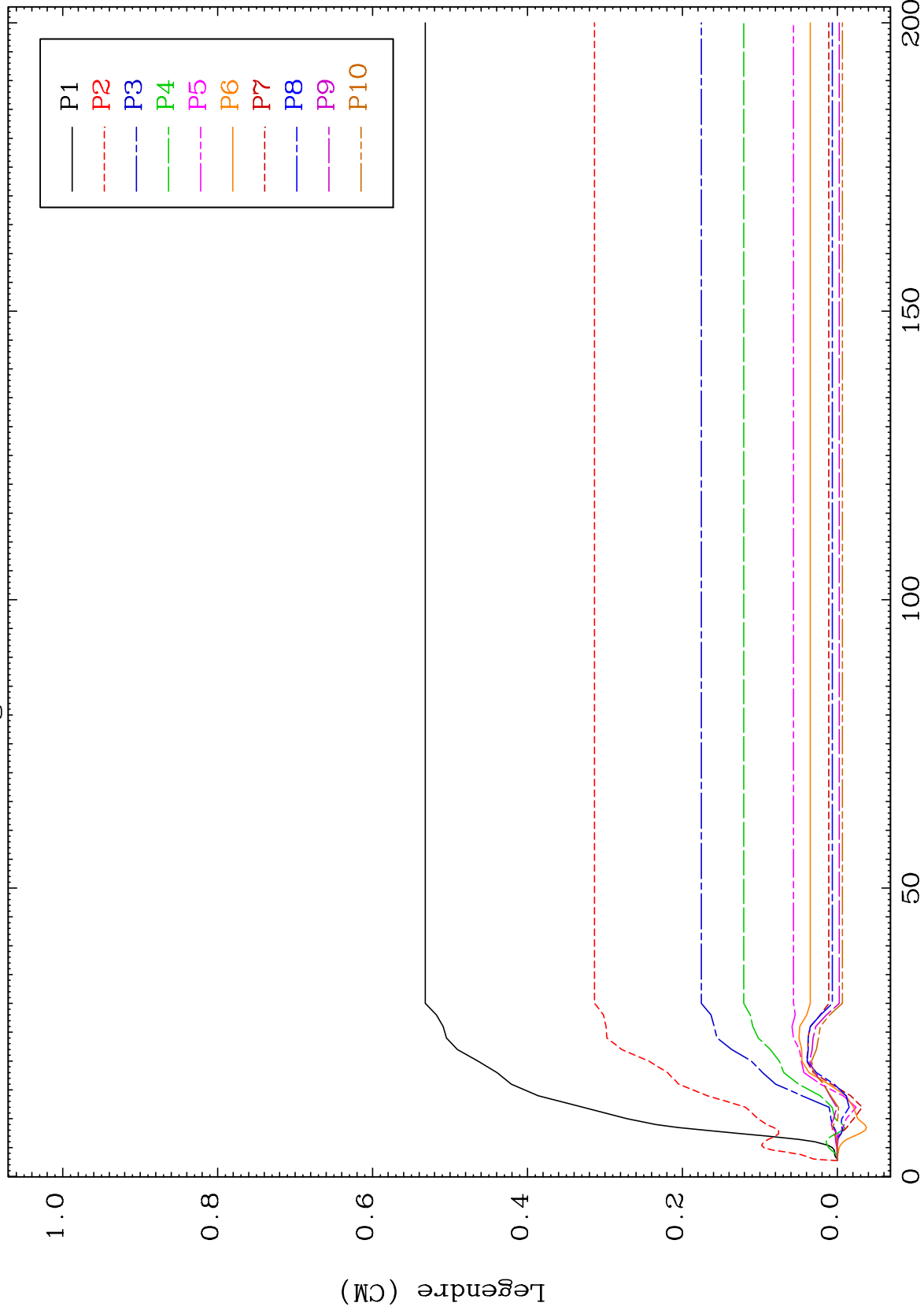
Incident Energy (MeV)

81-T1-207

MAT 8137

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

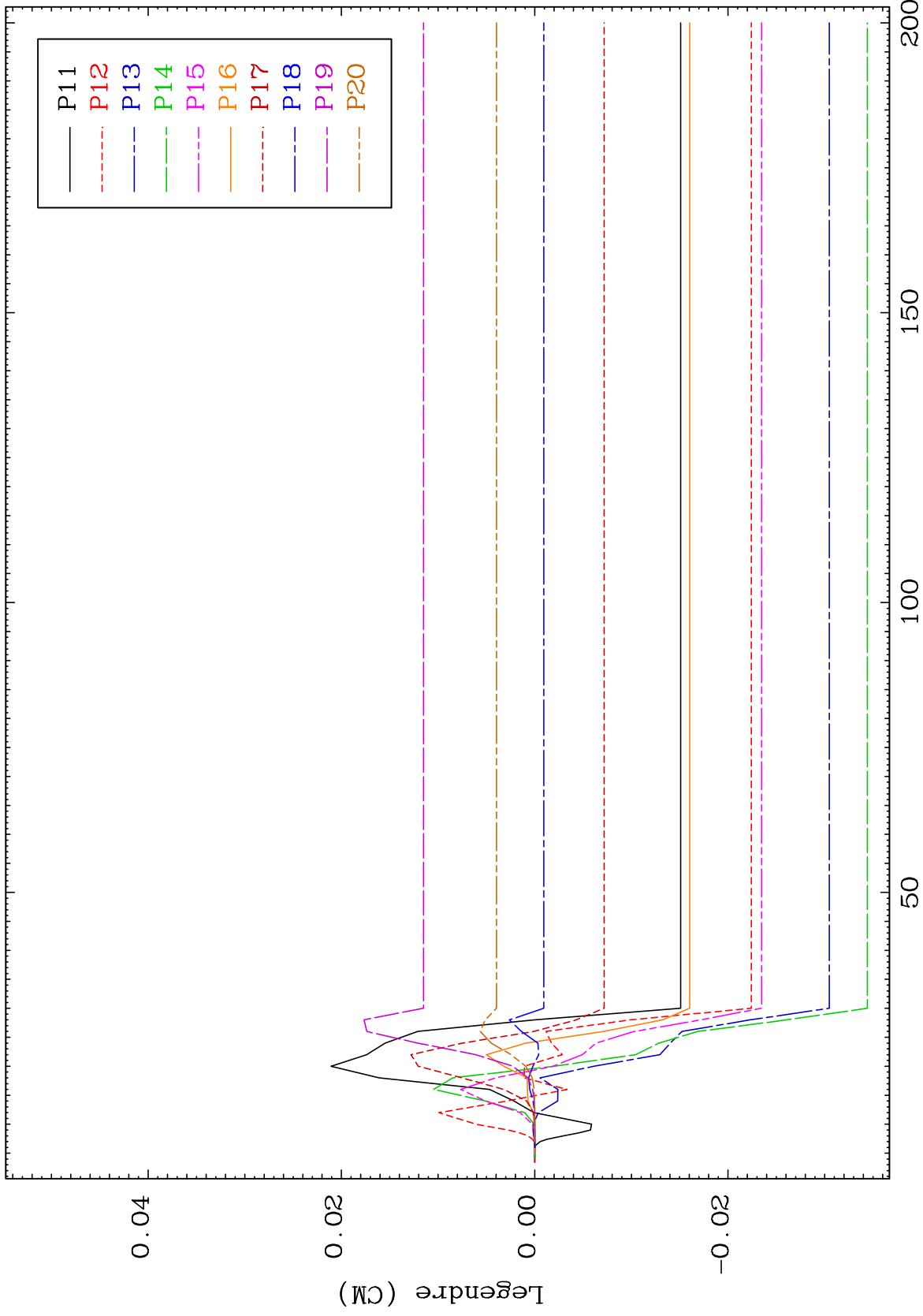
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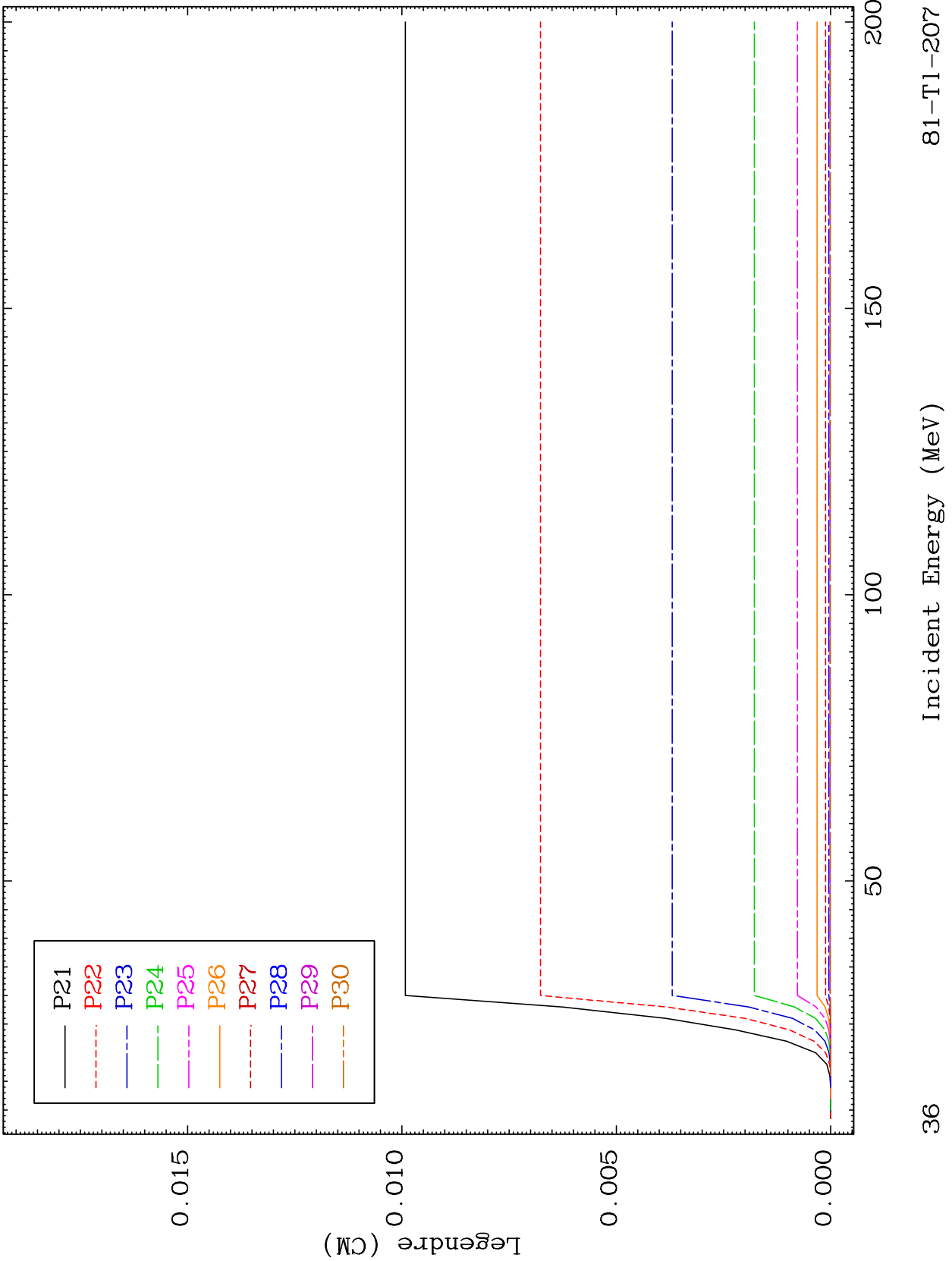


34

Incident Energy (MeV)

81-T1-207

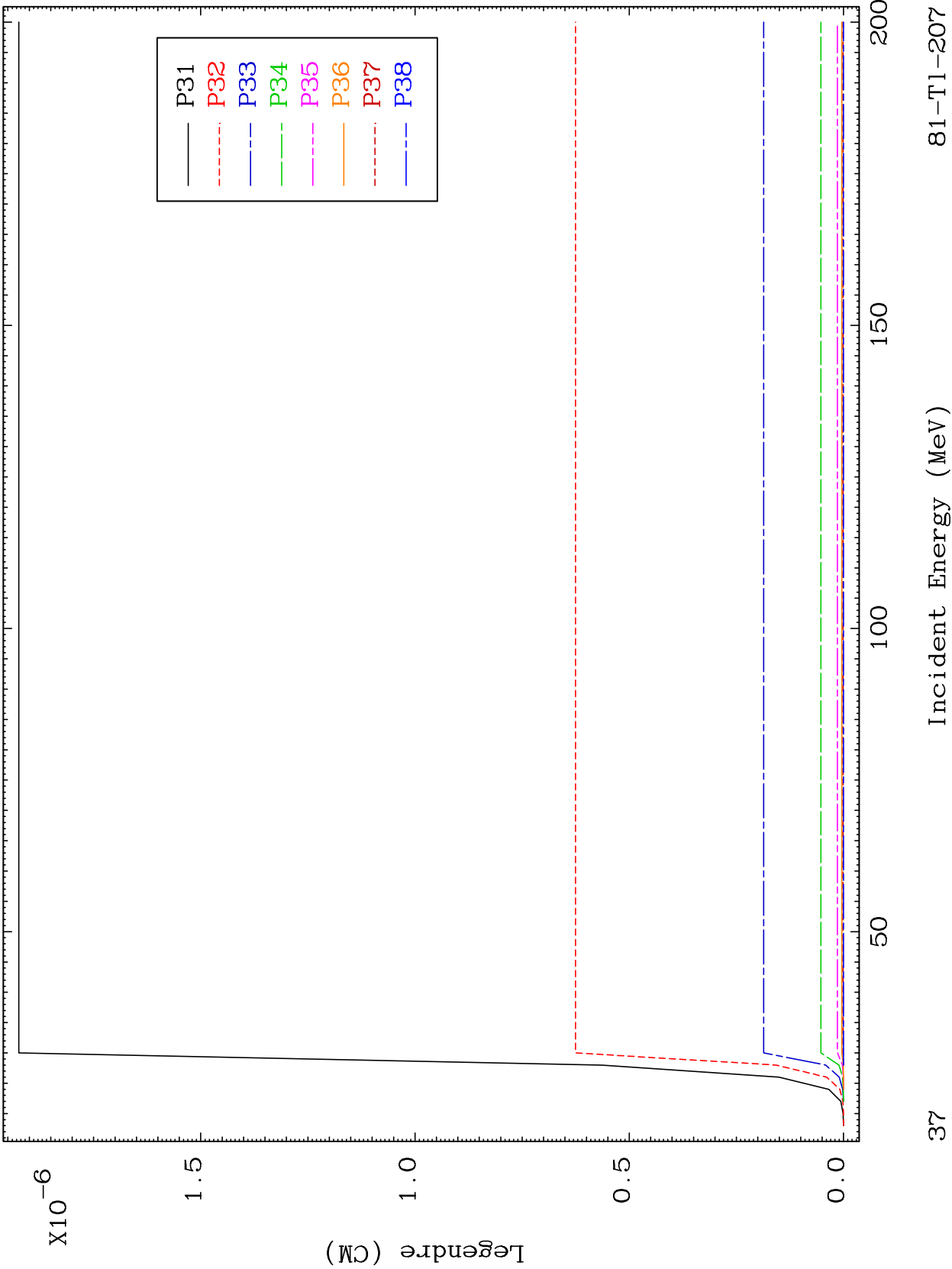




MAT 8137

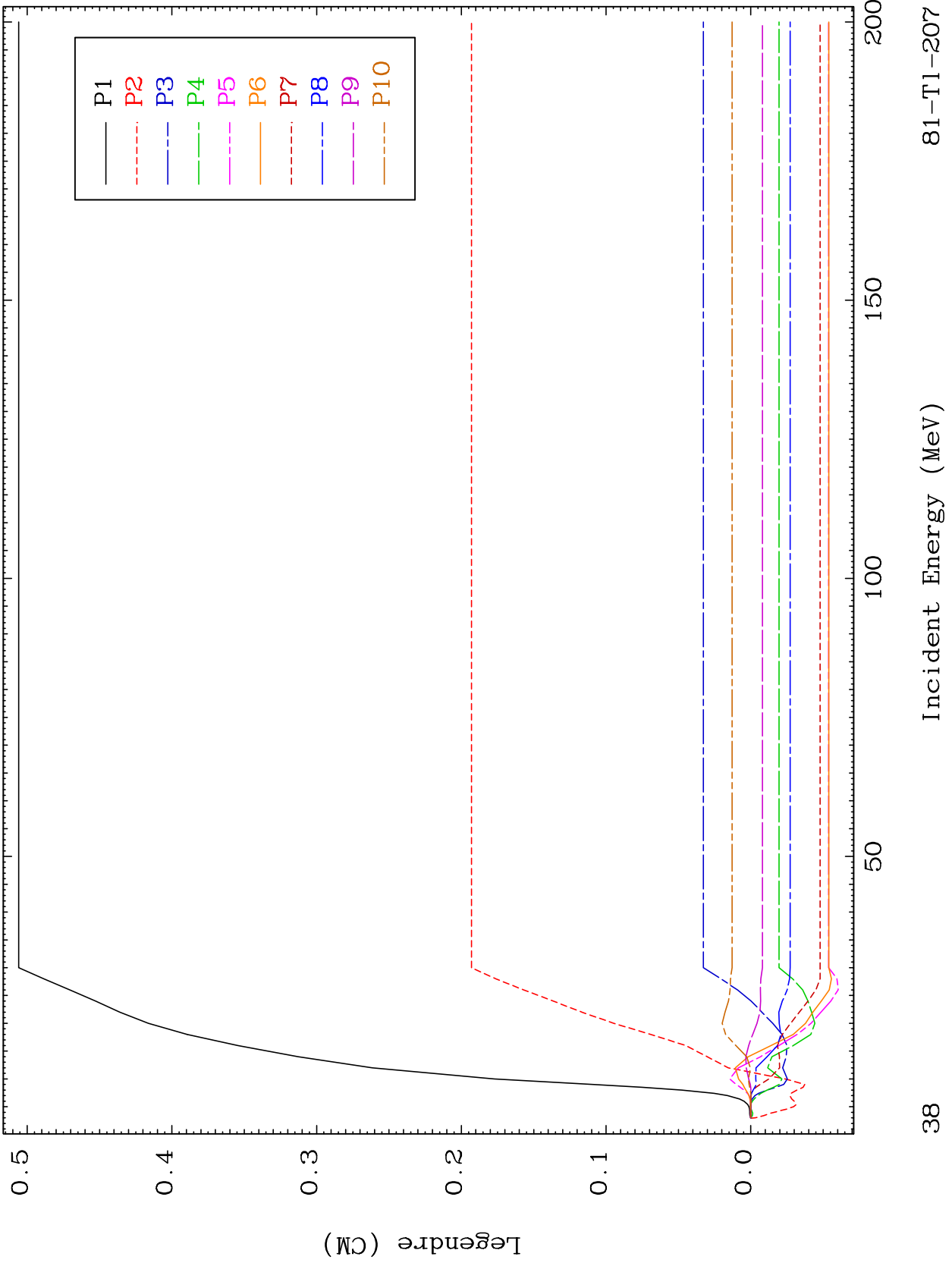
MT= 55 (n,n') Level
Legendre Coefficients

81-T1-207



37

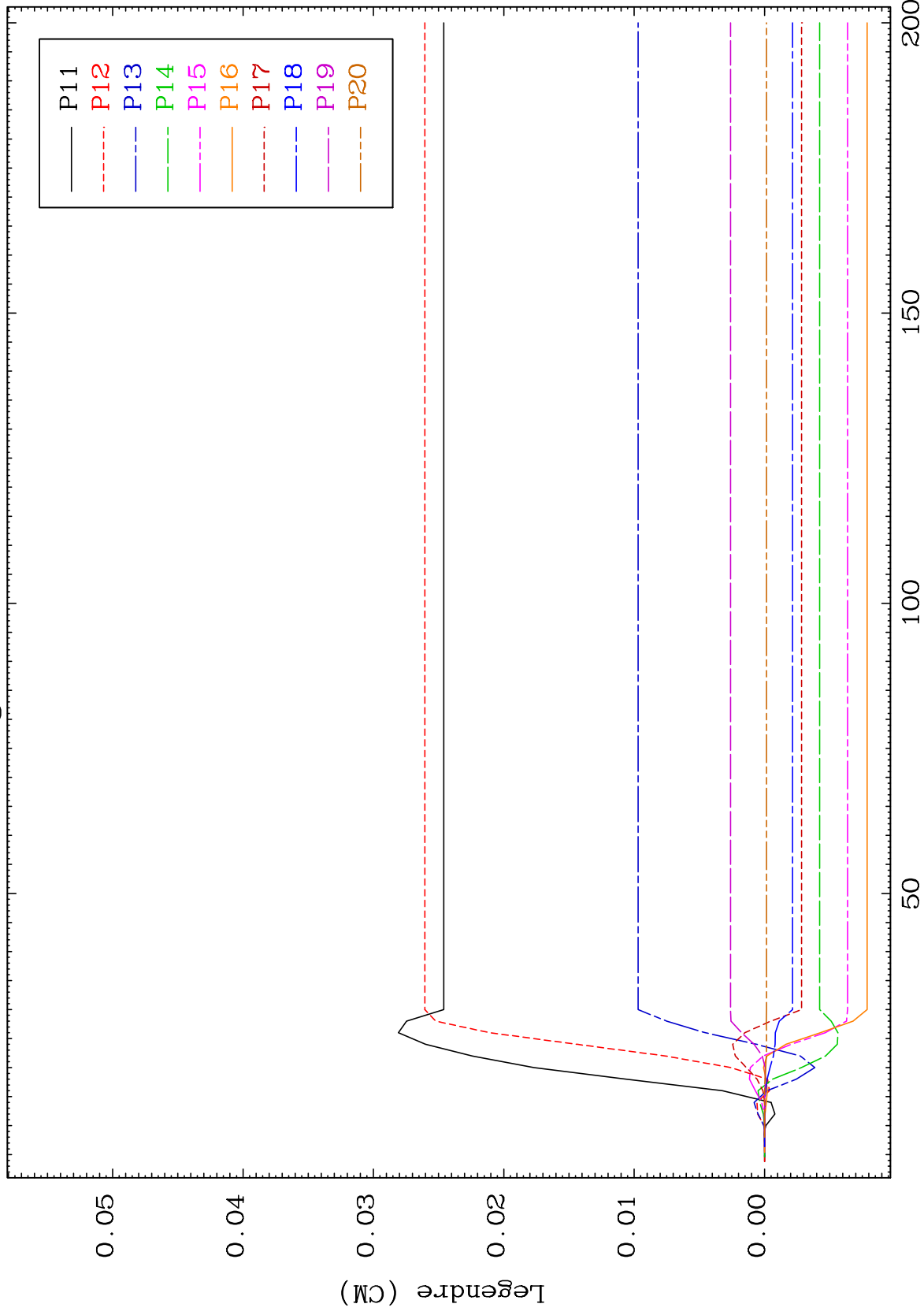
81-T1-207



MAT 8137

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

81-Tl-207



39

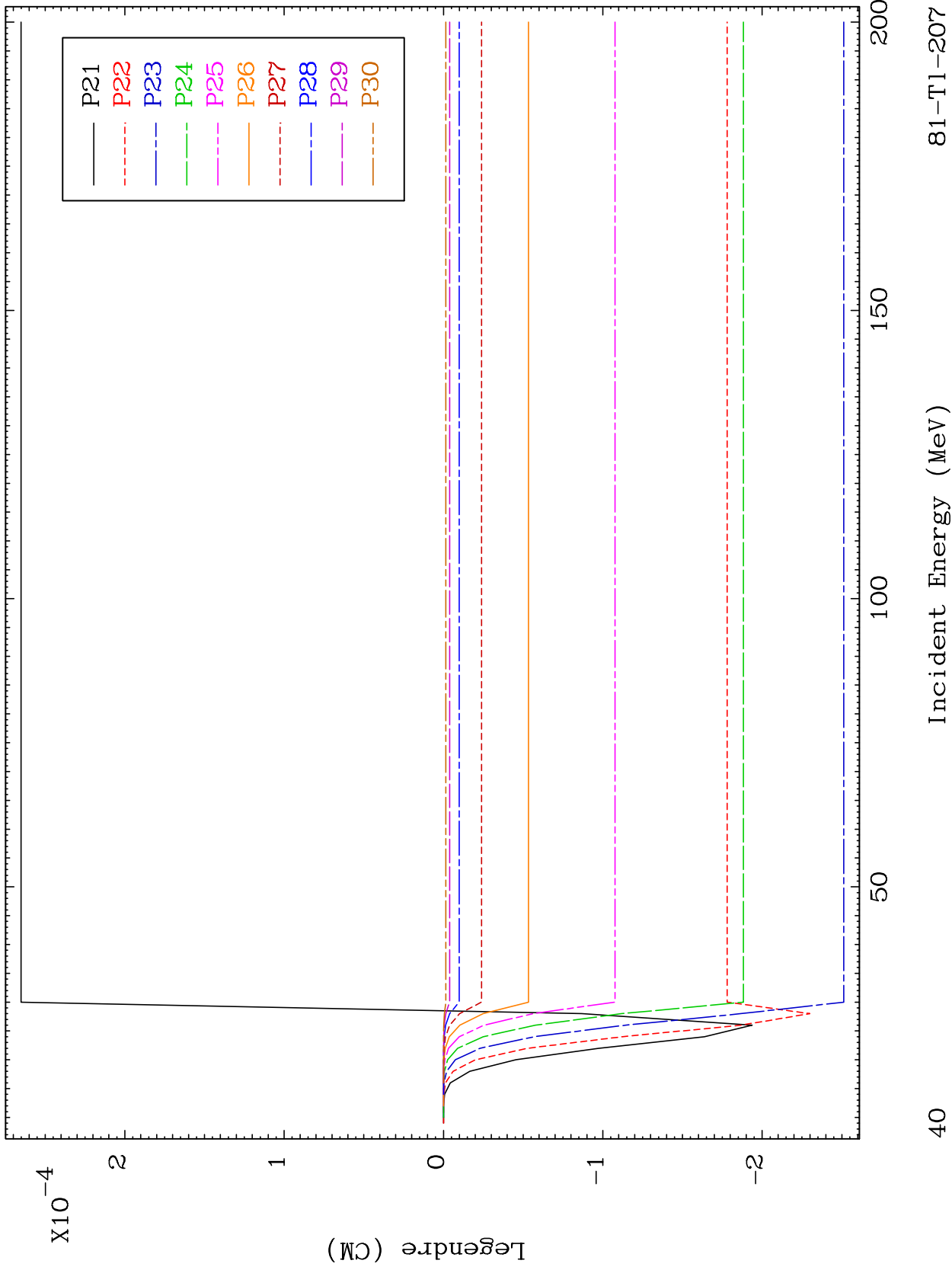
Incident Energy (MeV)

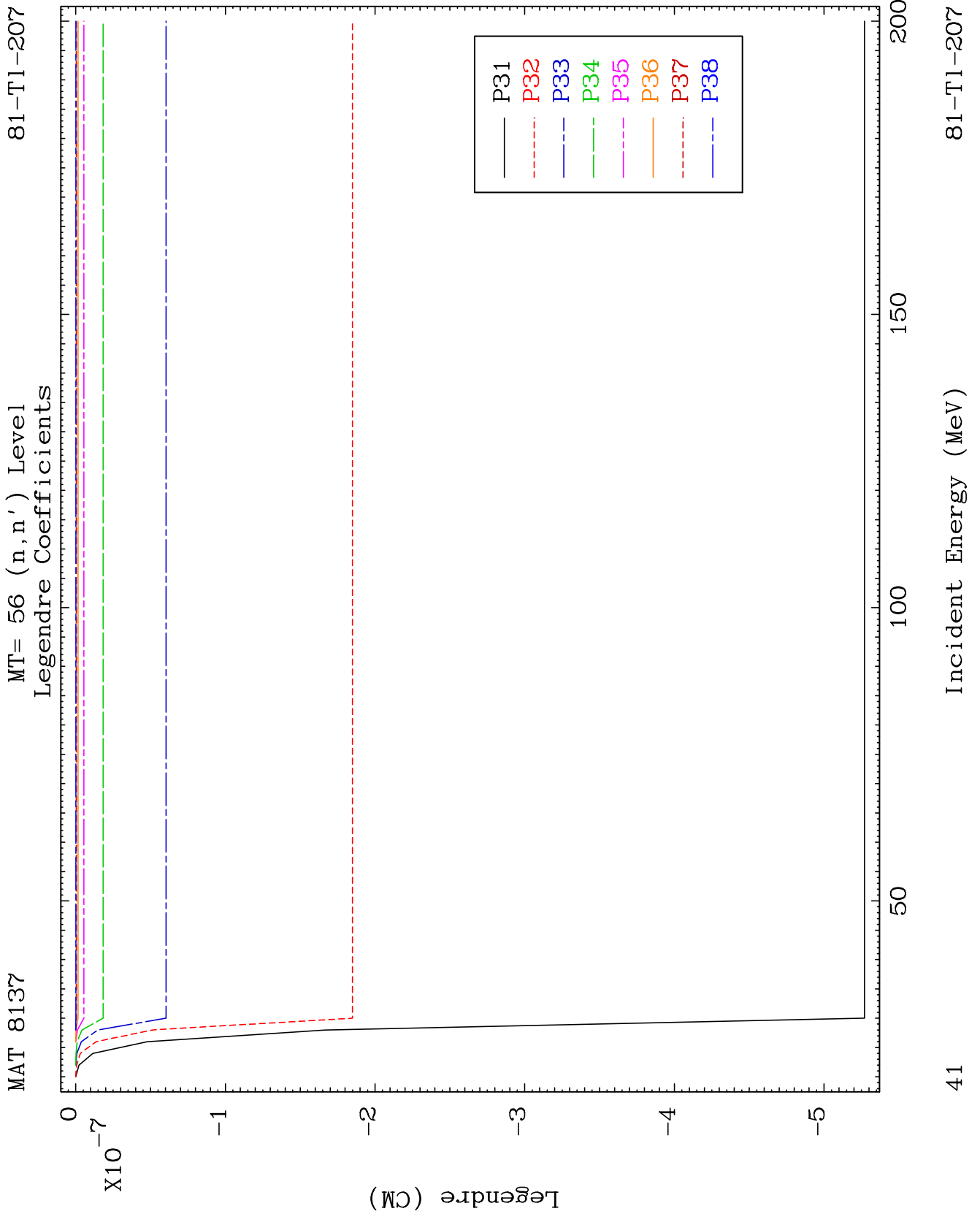
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MAT 8137

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

81-T1-207

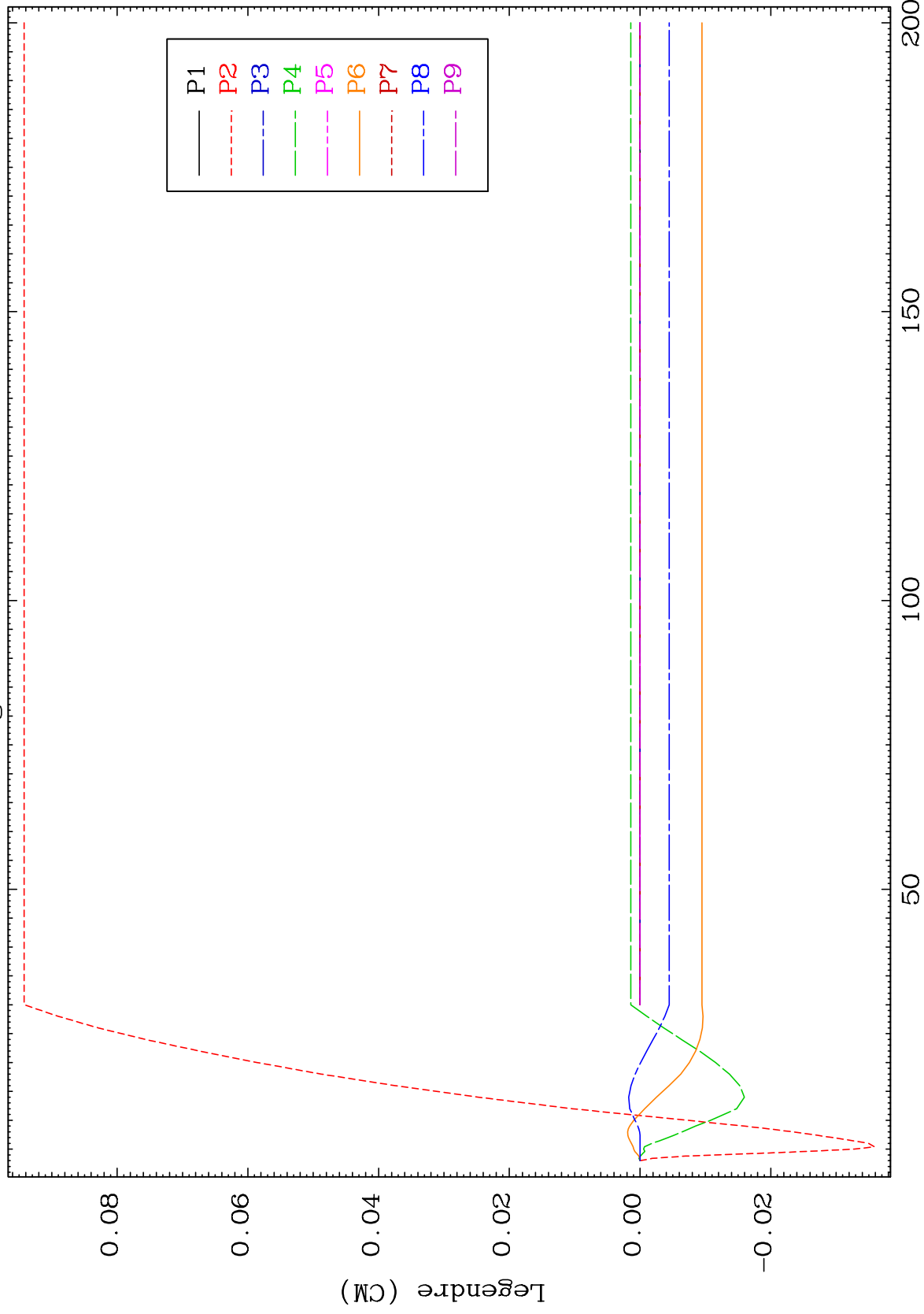




MAT 8137

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

81-T1-207



42

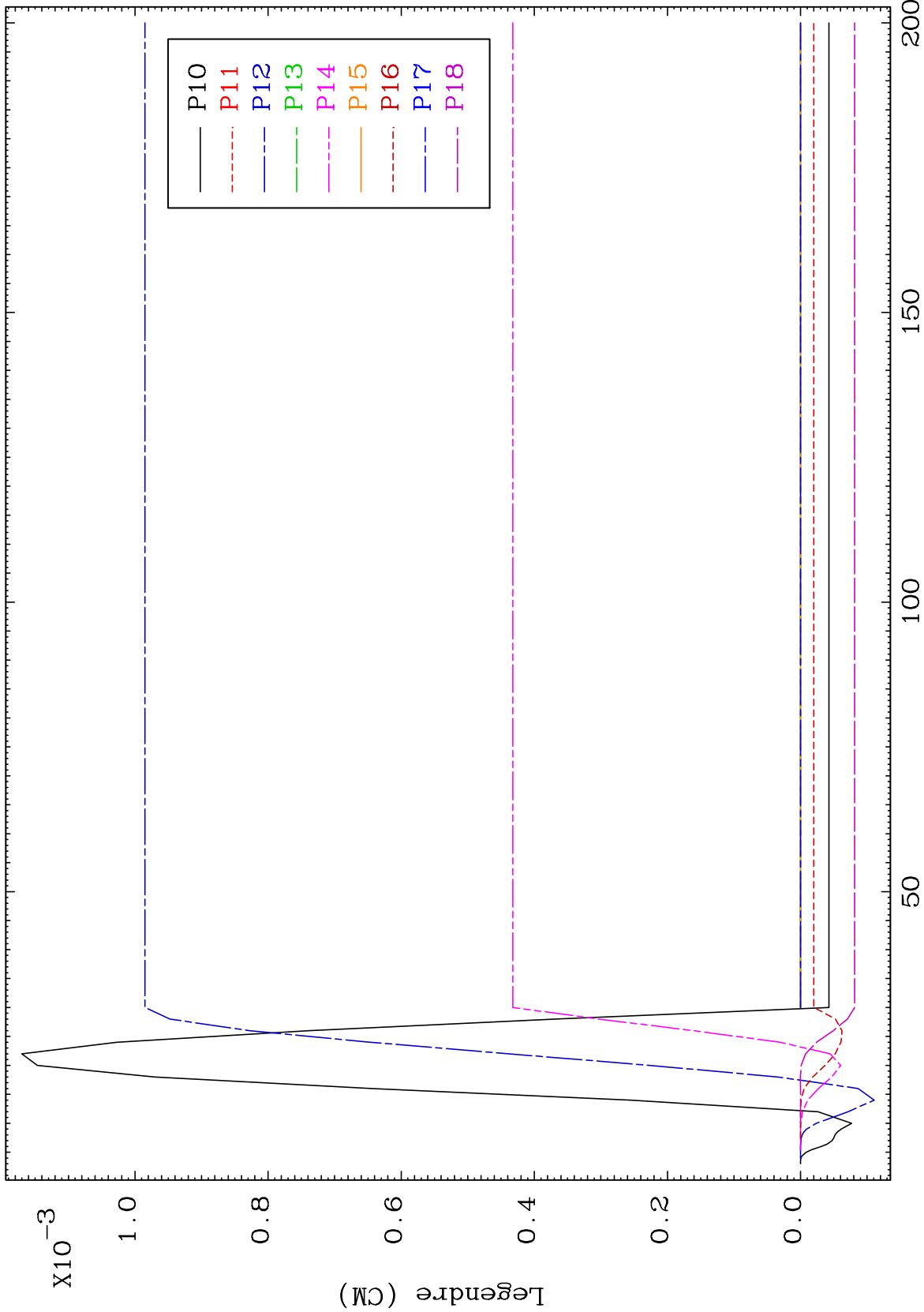
Incident Energy (MeV)

81-T1-207

MAT 8137

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

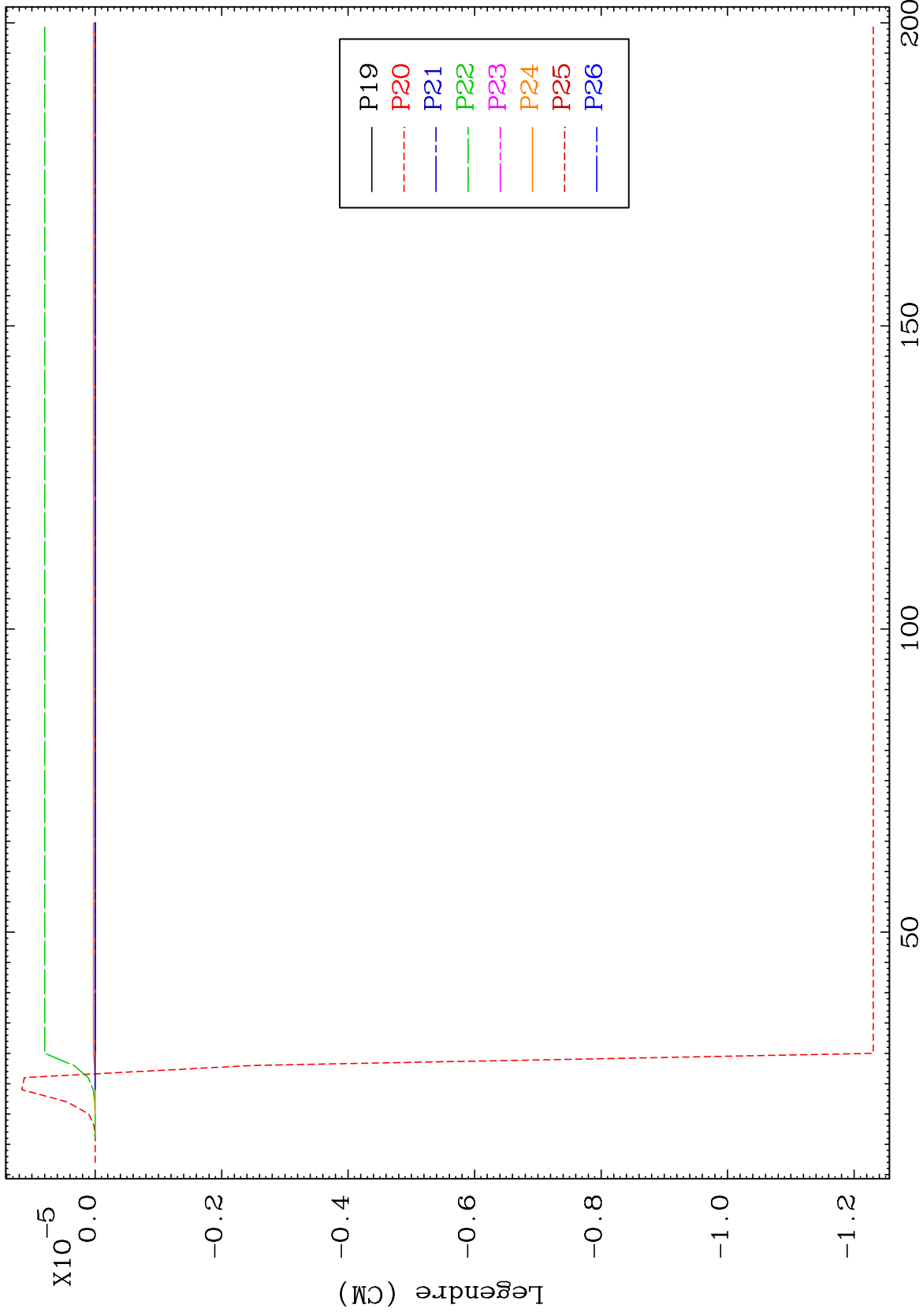
81-T1-207



43

Incident Energy (MeV)

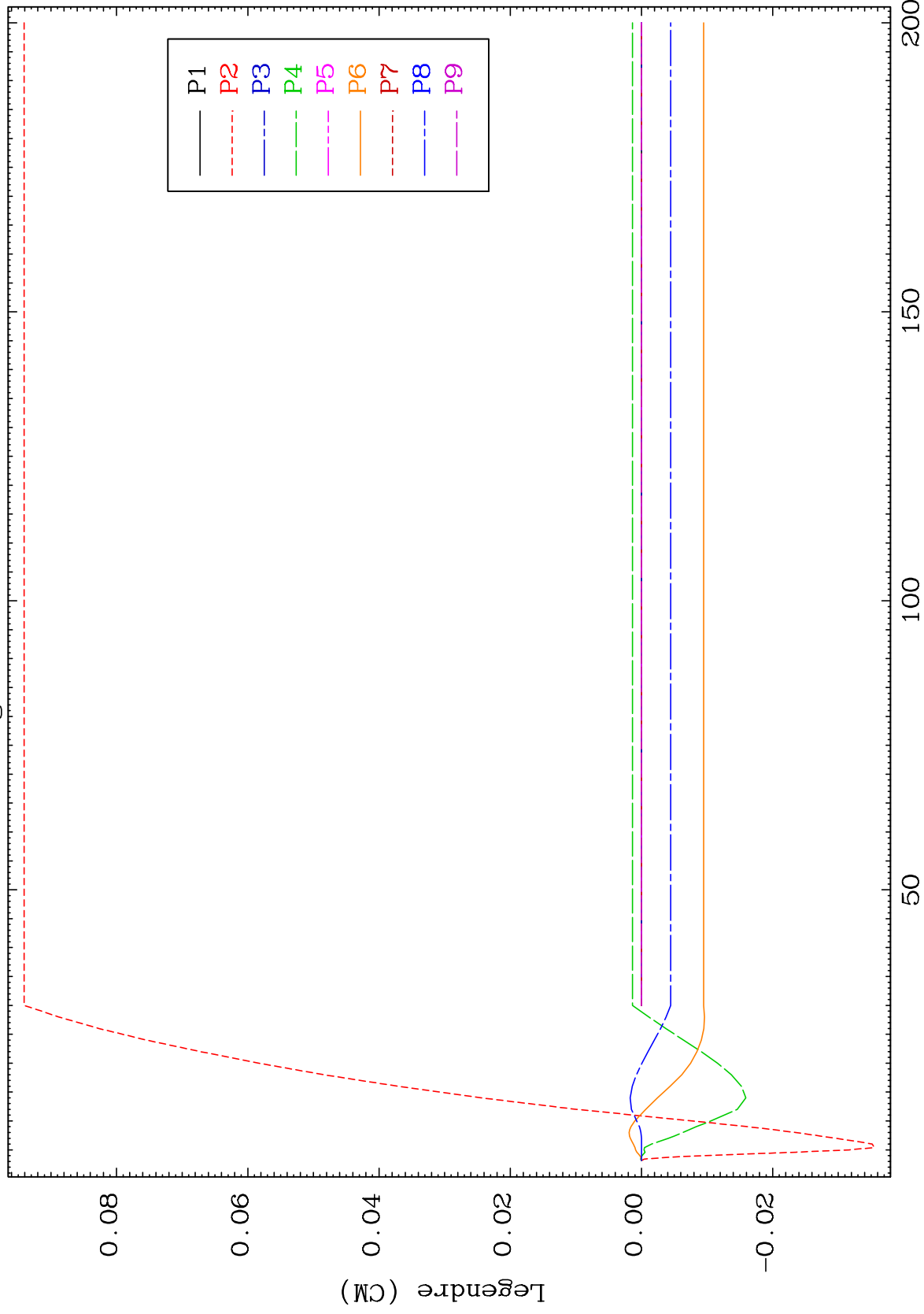
81-T1-207



MAT 8137

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

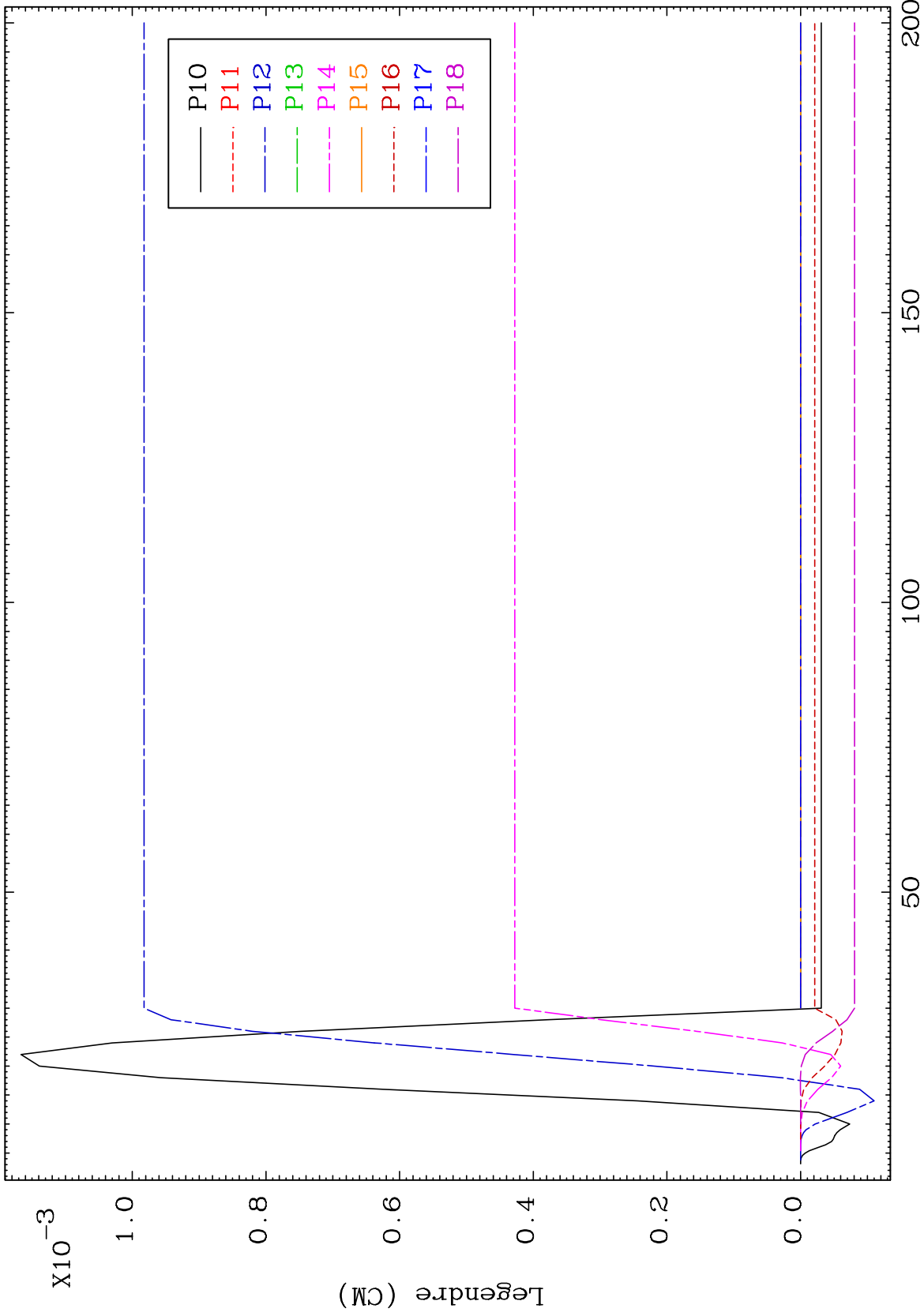
81-T1-207



81-T1-207

Incident Energy (MeV)

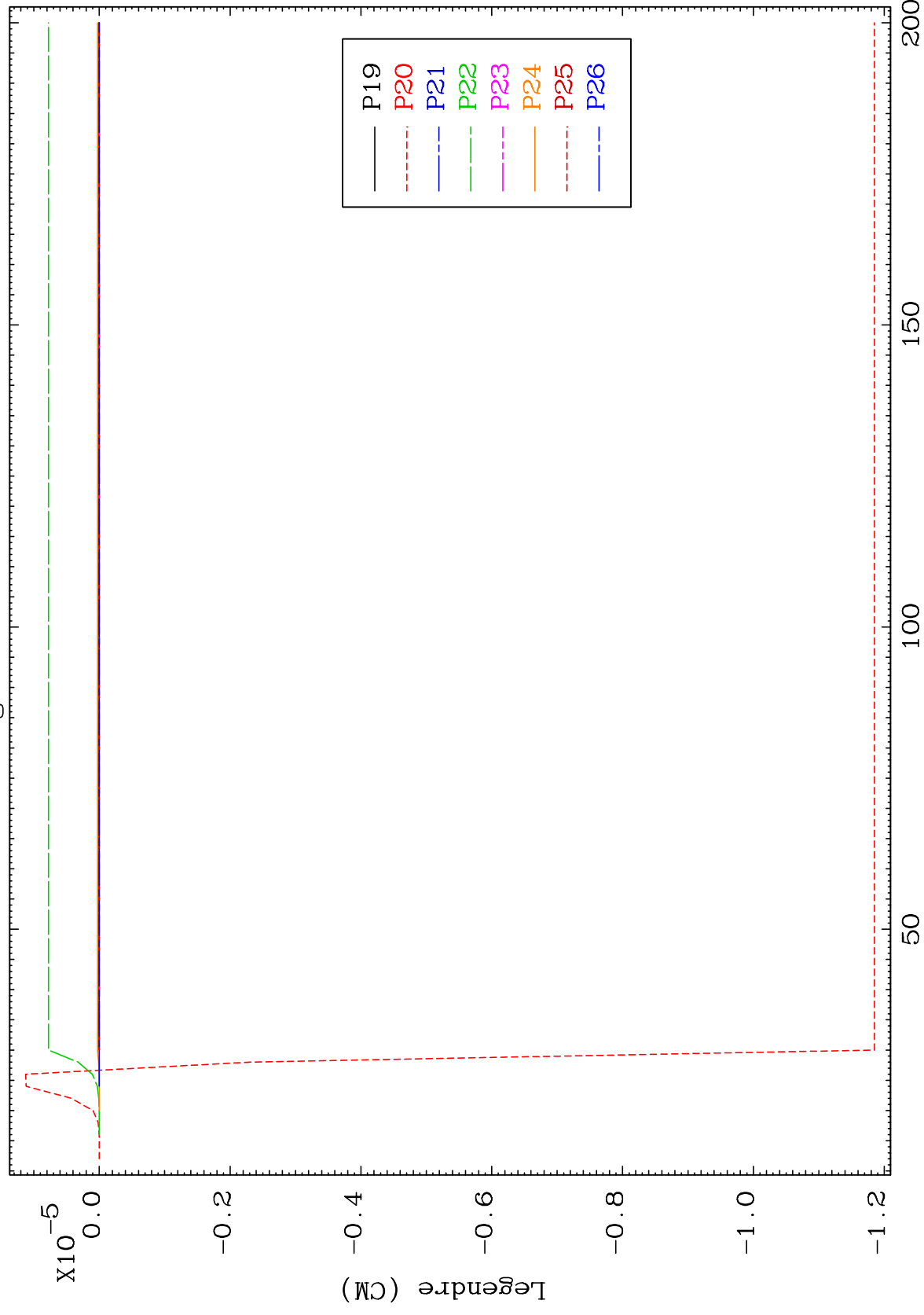
45



MAT 8137

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

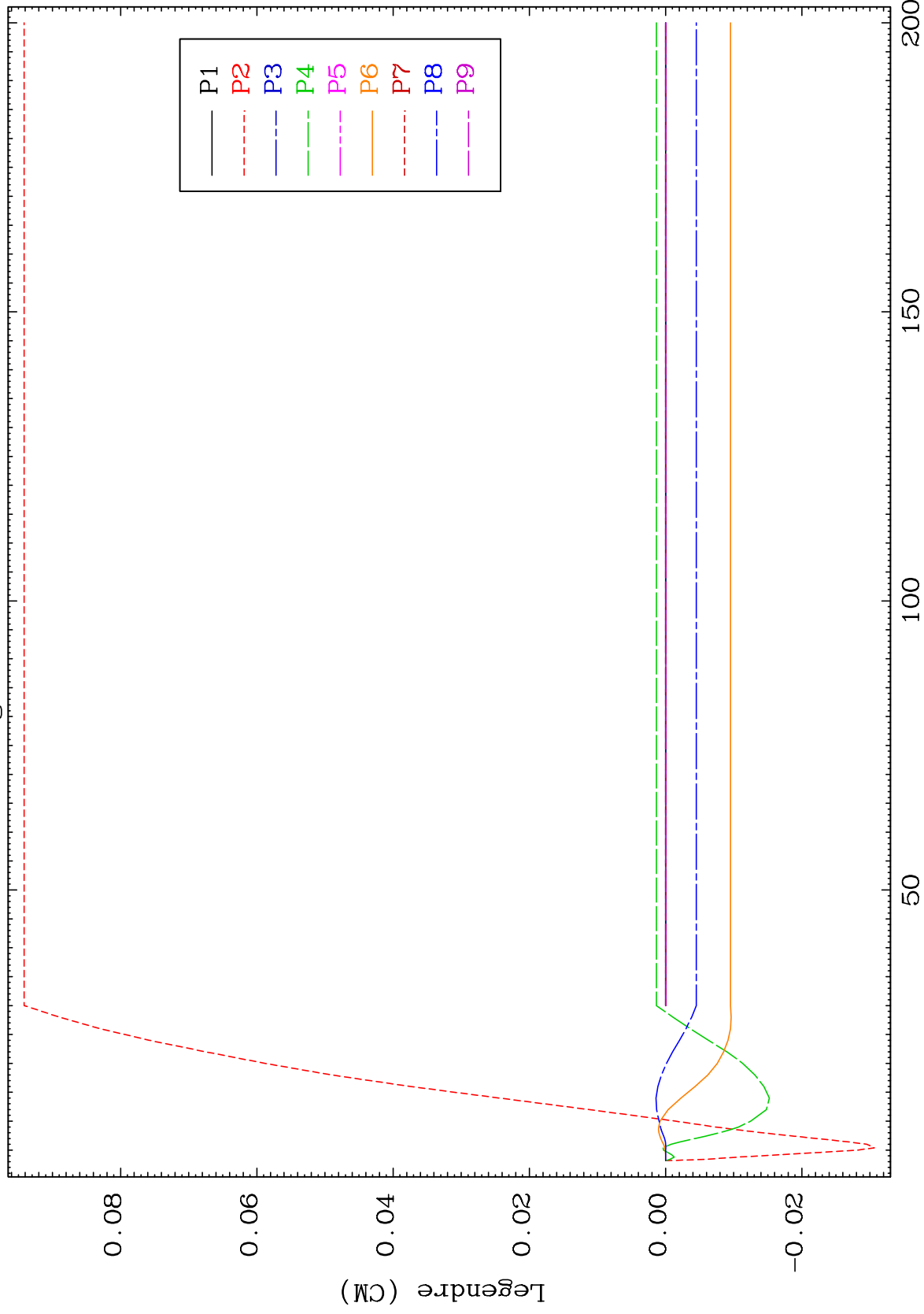
81-T1-207



MAT 8137

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

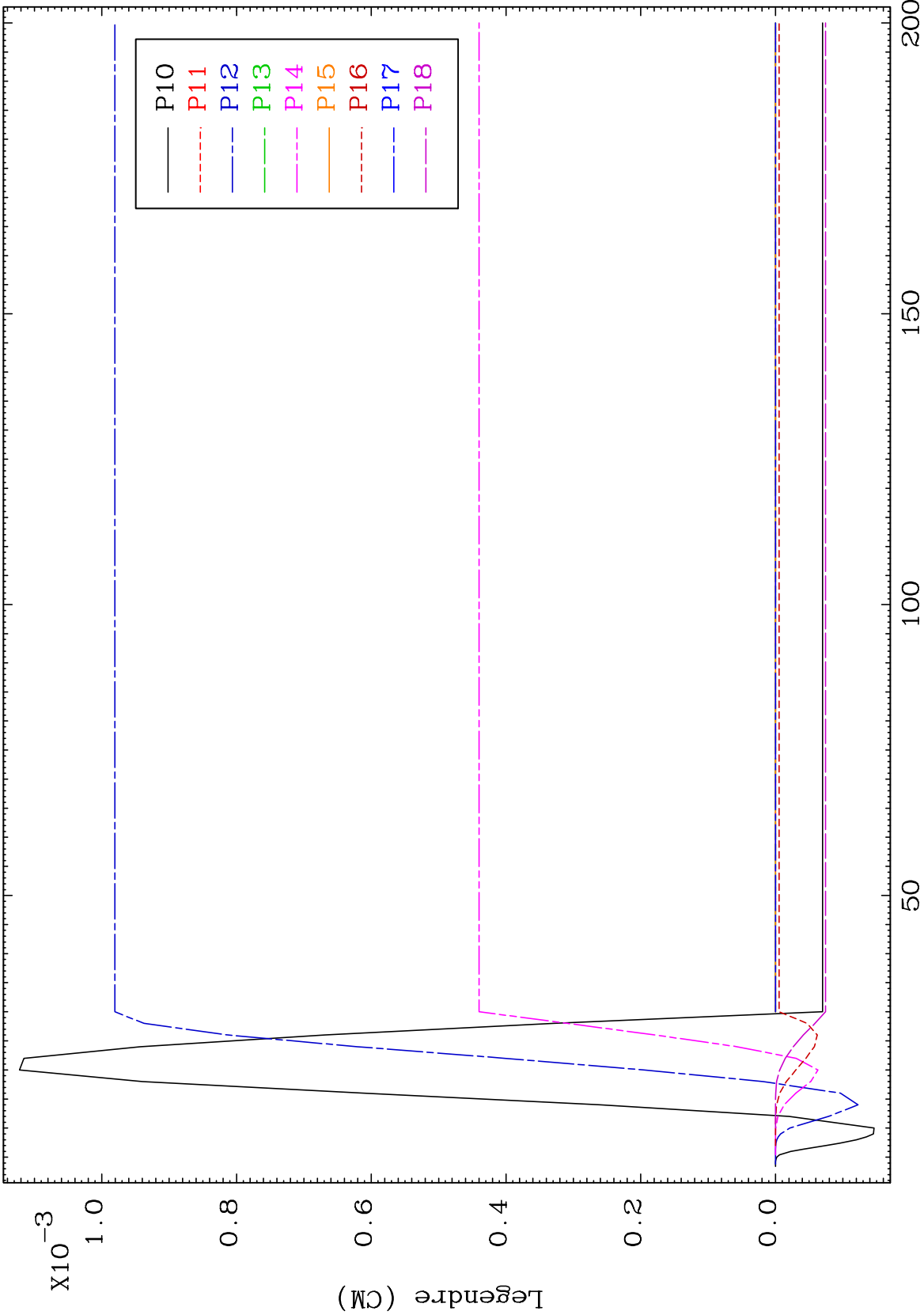
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48

Incident Energy (MeV)

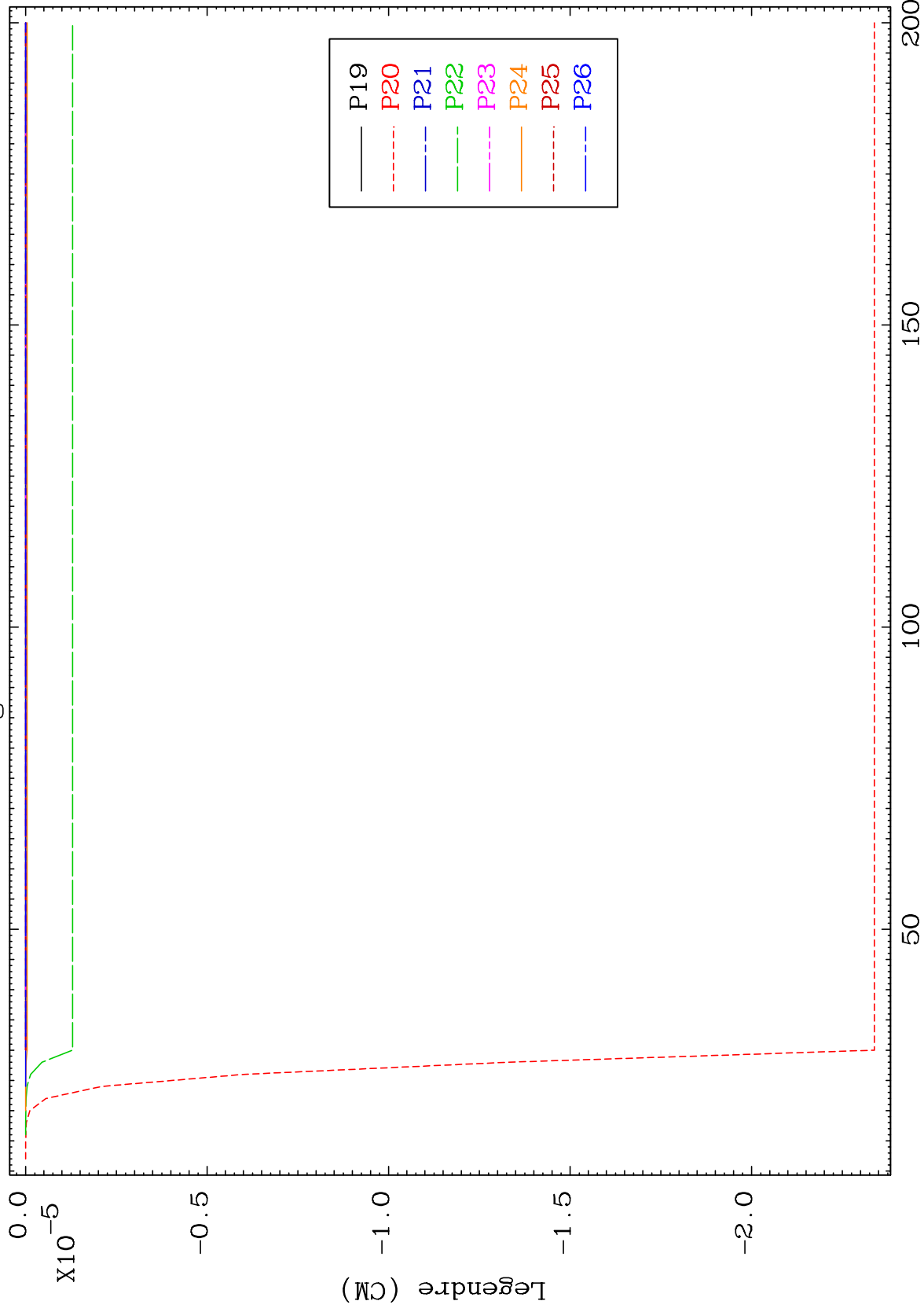
81-T1-207



MAT 8137

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

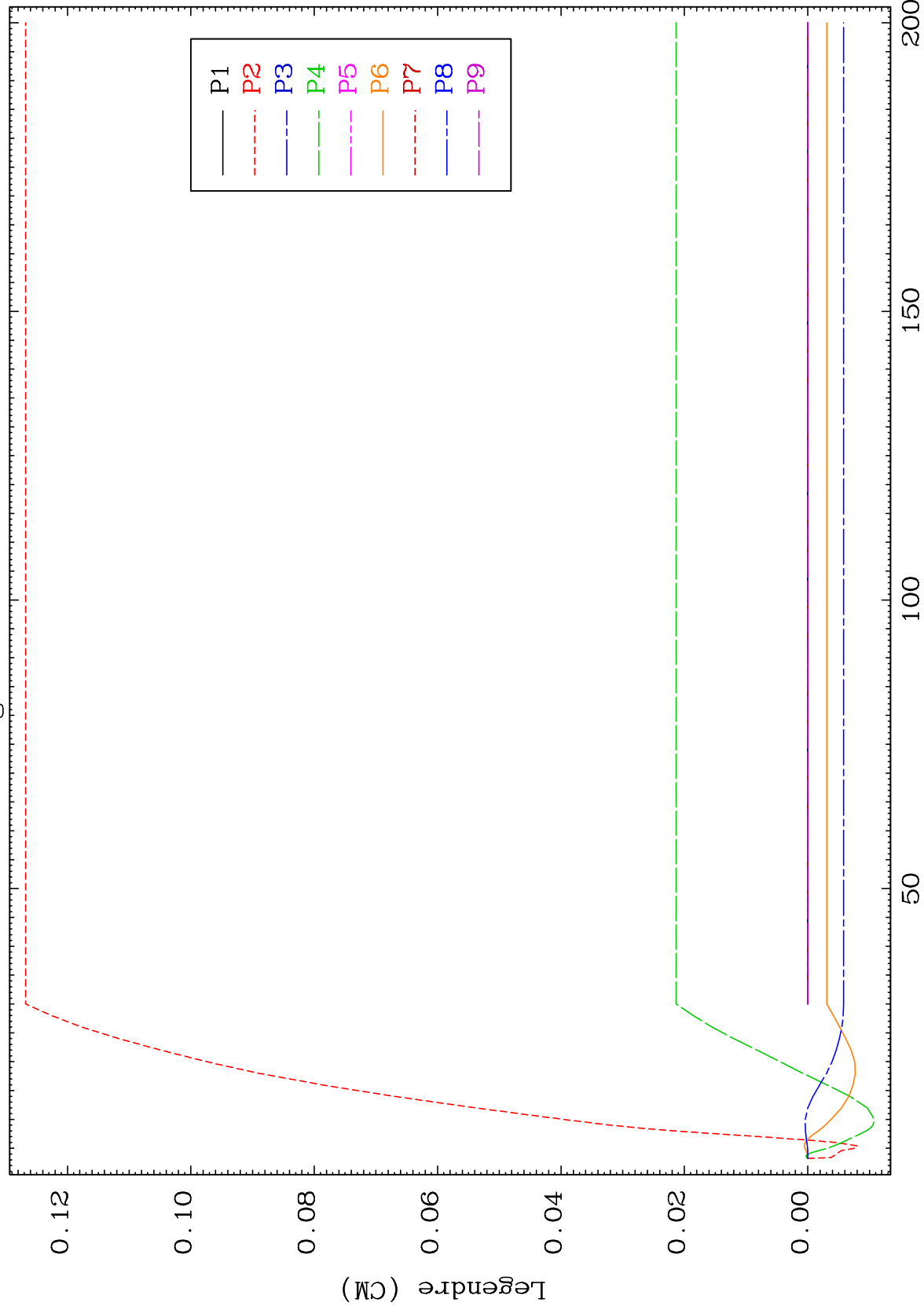
81-T1-207



50

Incident Energy (MeV)

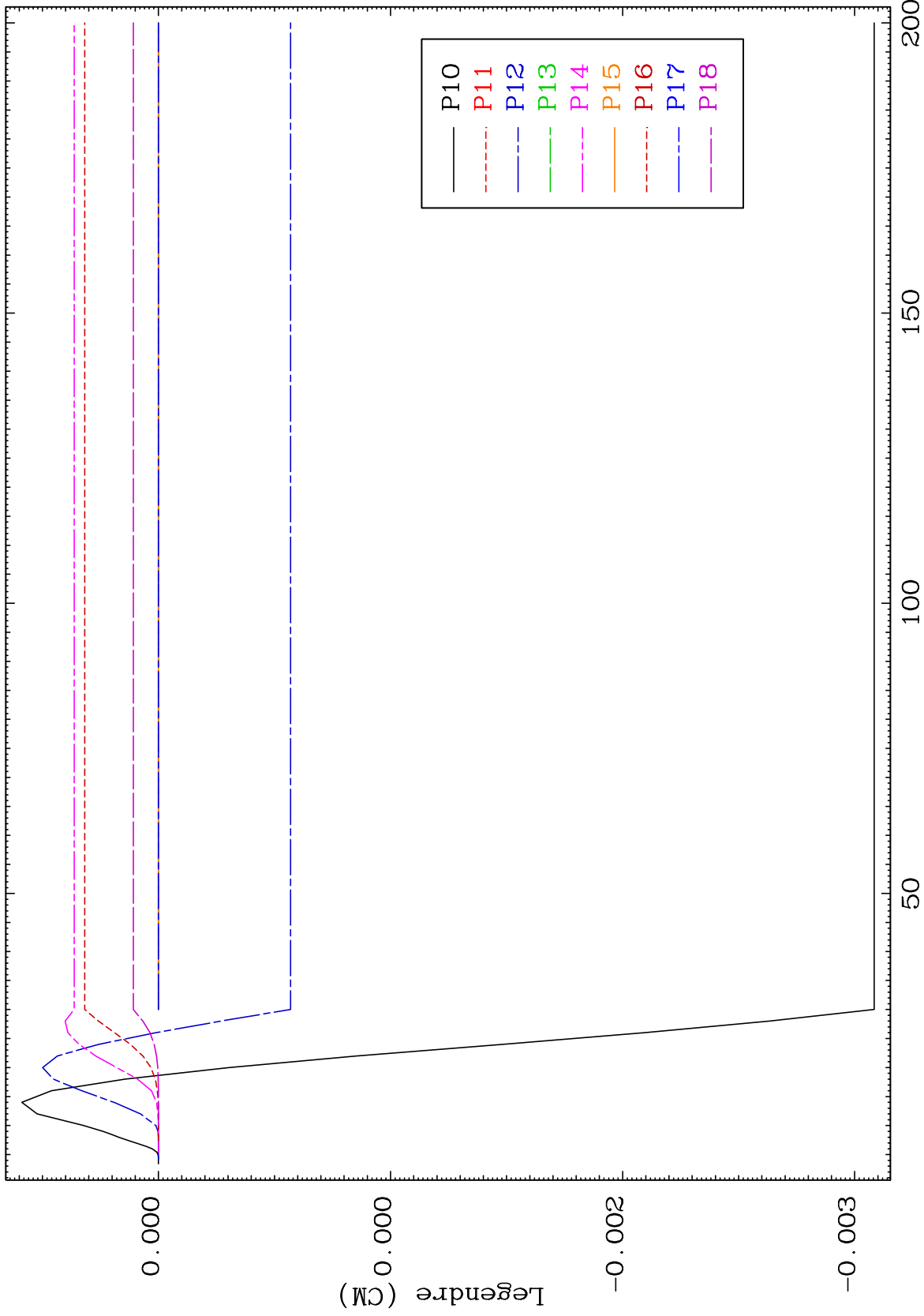
81-T1-207



MAT 8137

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

81-T1-207



52

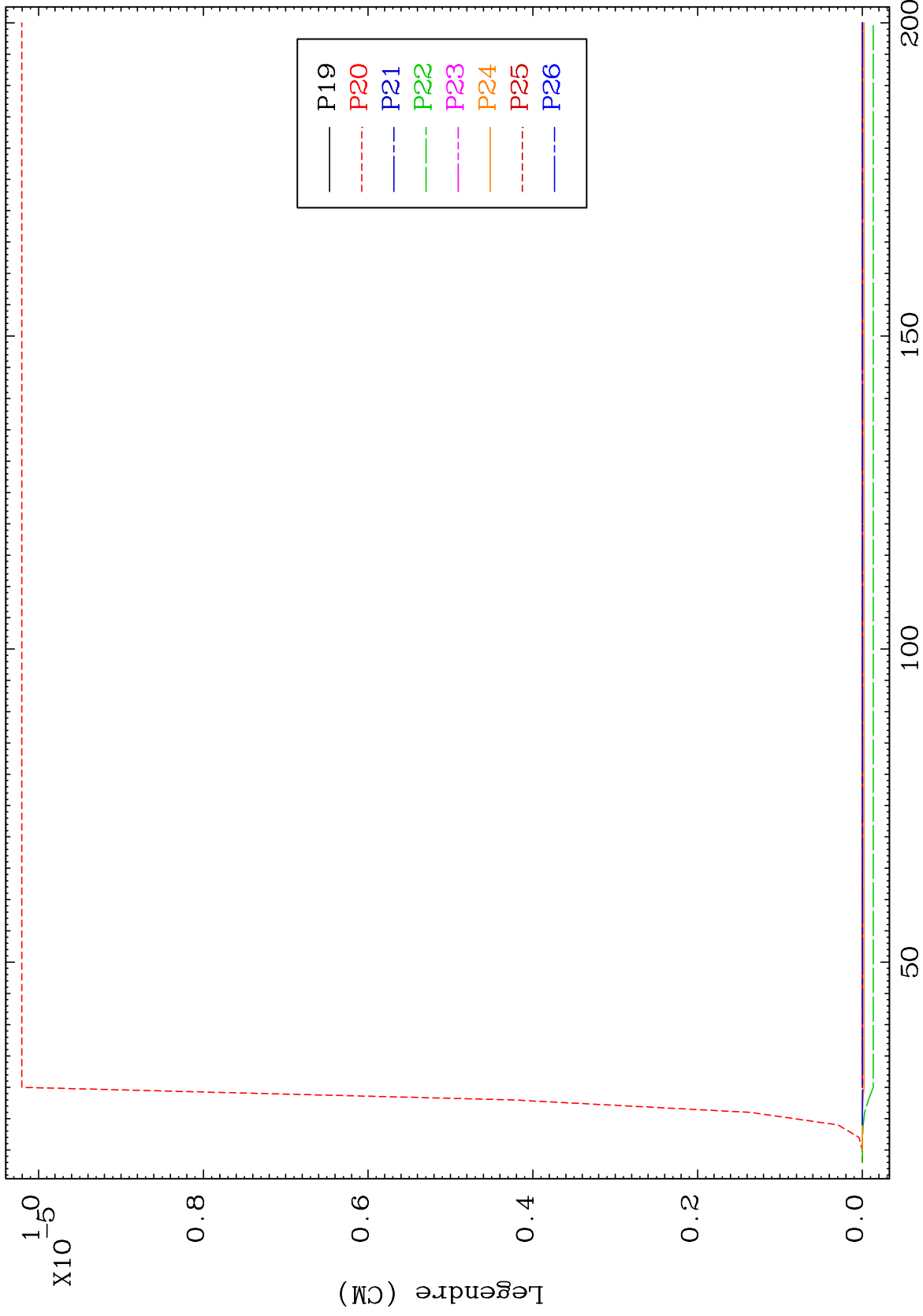
Incident Energy (MeV)

81-T1-207

MAT 8137

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

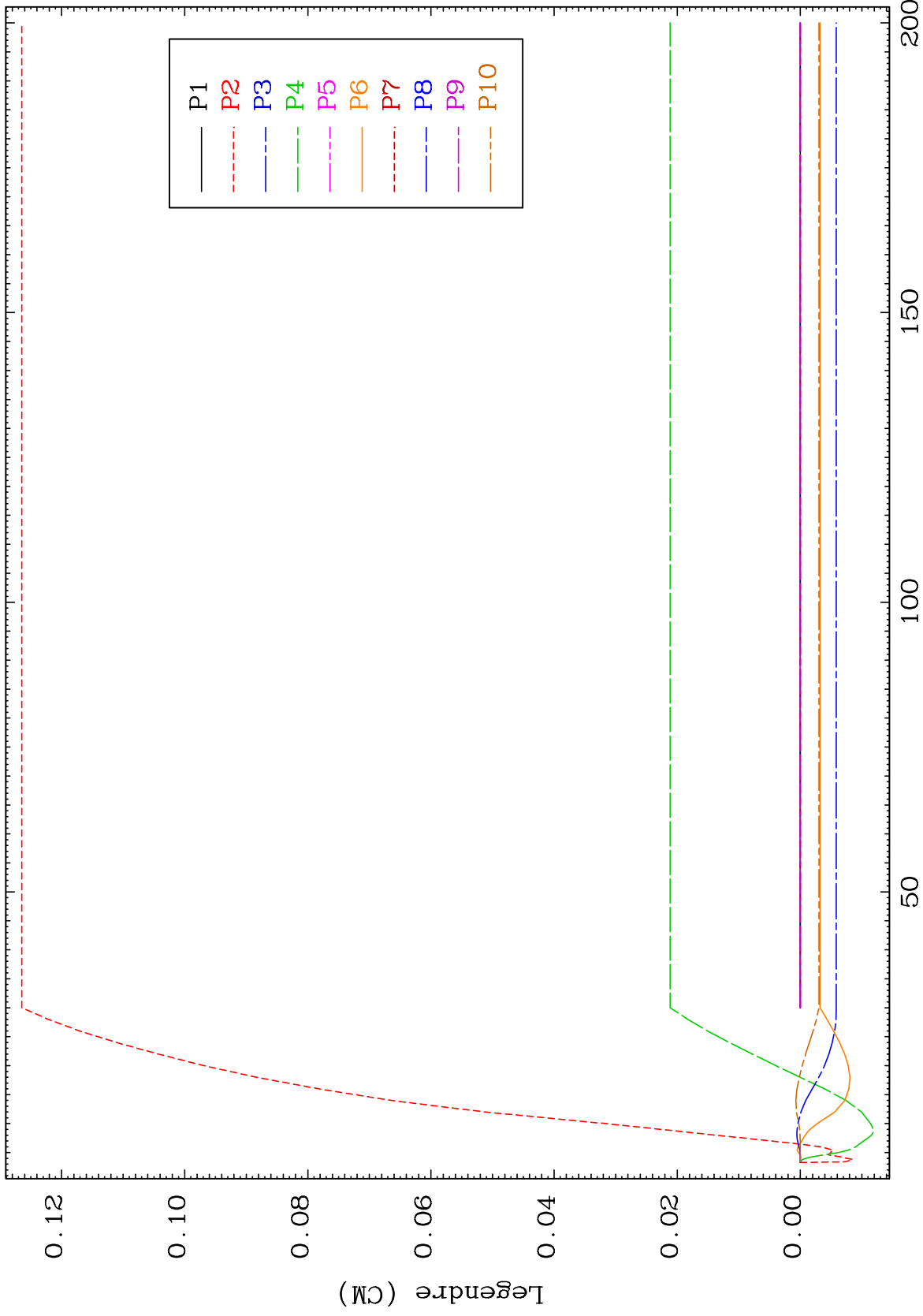
81-T1-207



53

Incident Energy (MeV)

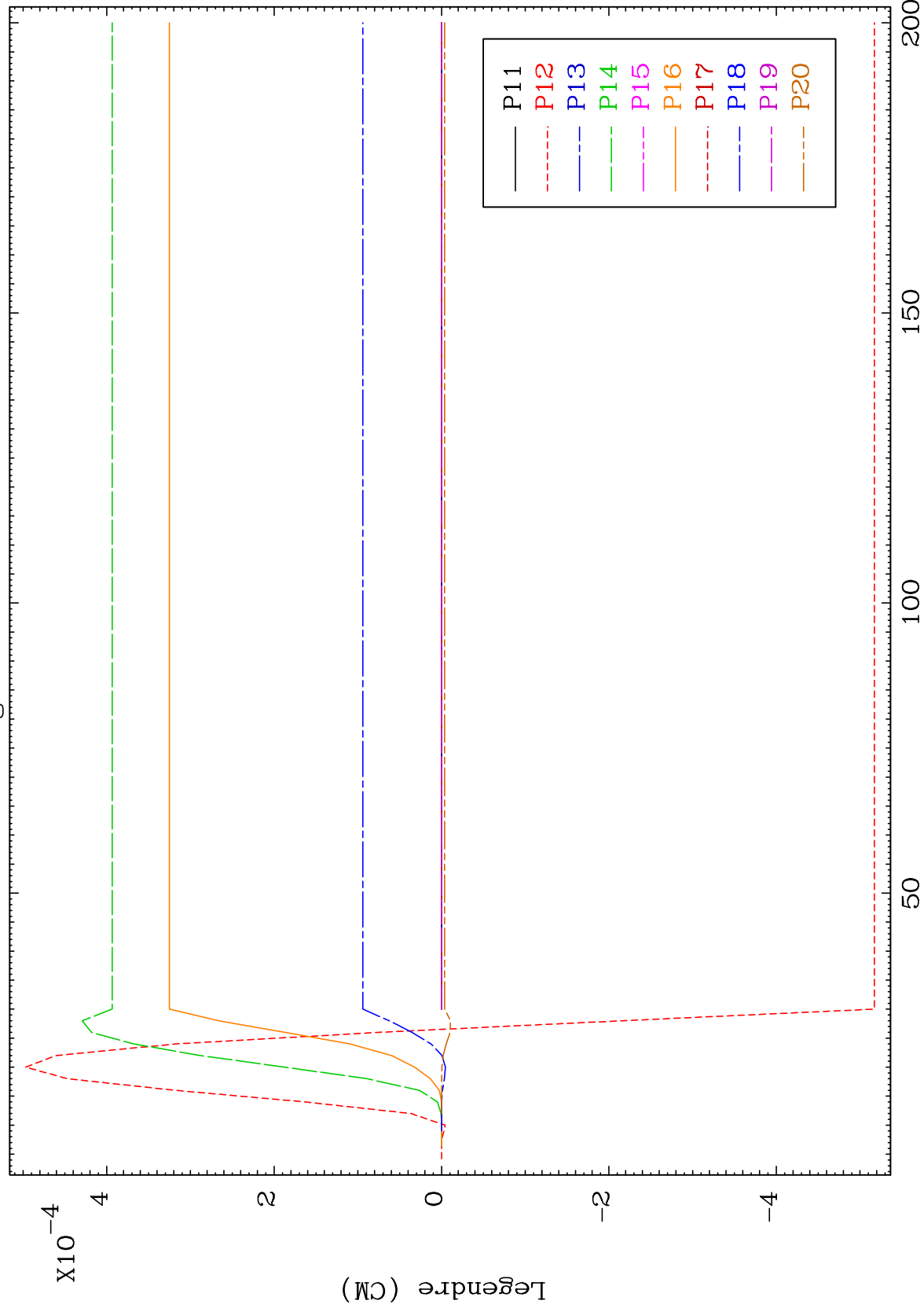
81-T1-207



MAT 8137

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

81-T1-207



55

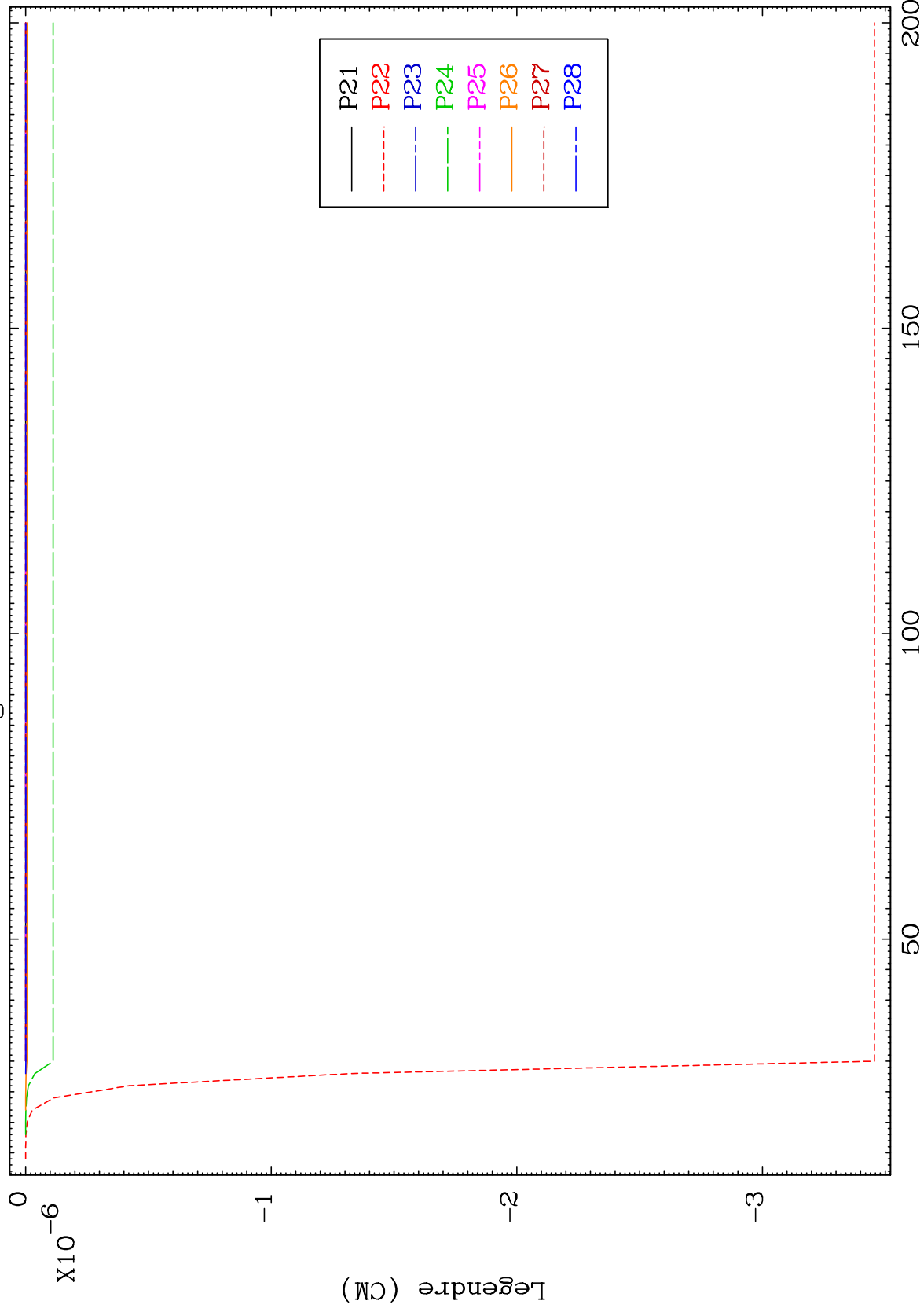
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



56

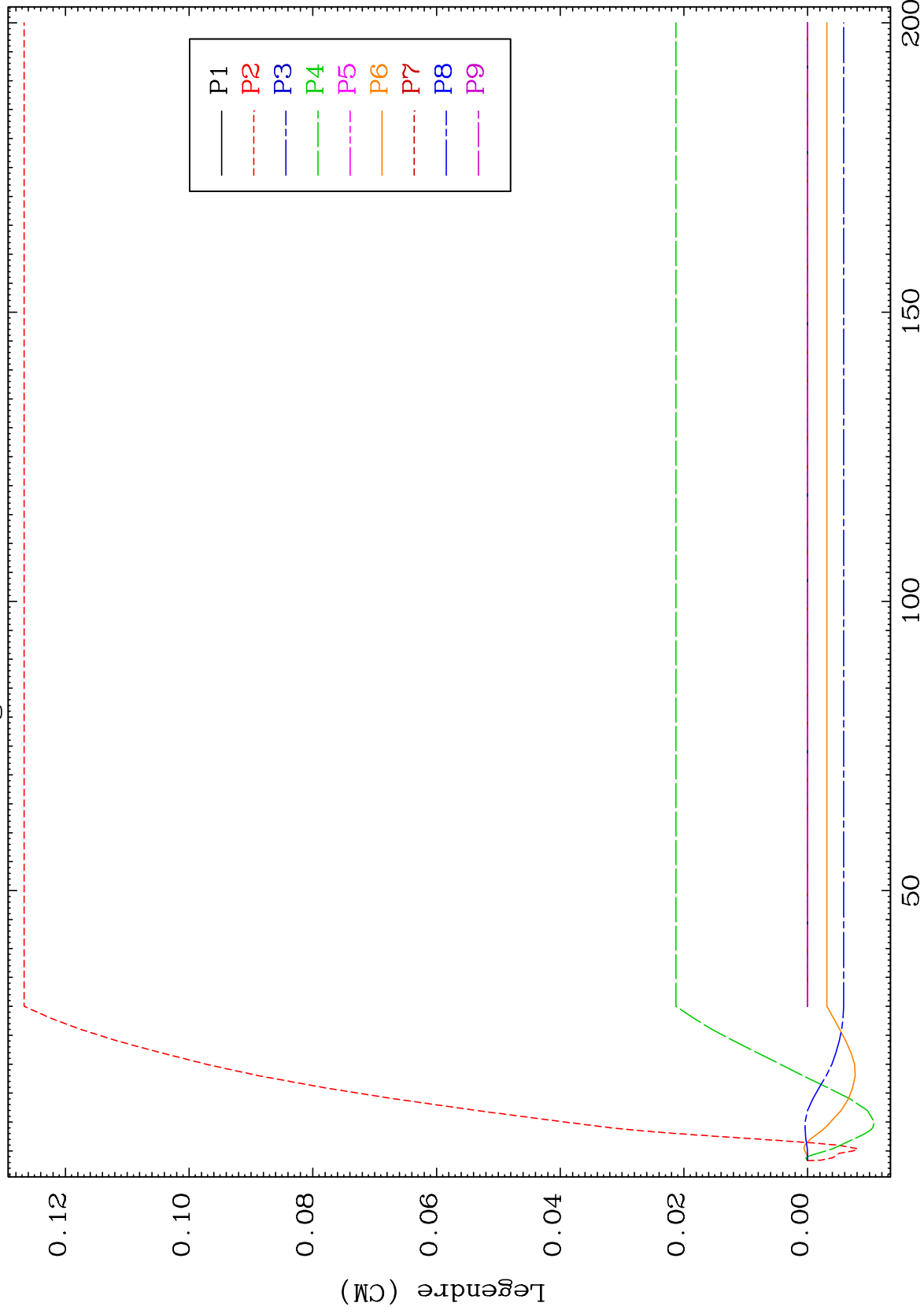
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



57

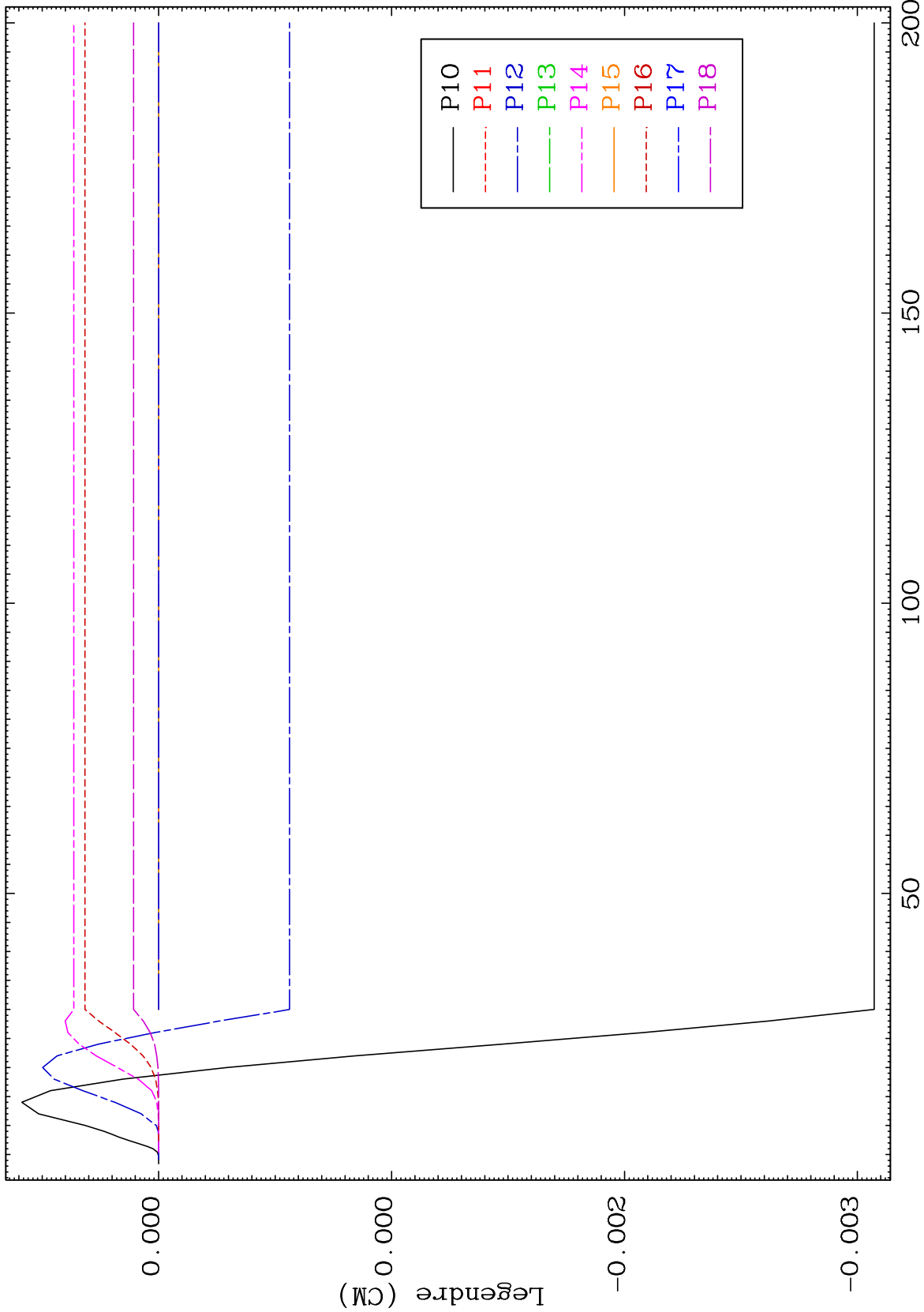
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



58

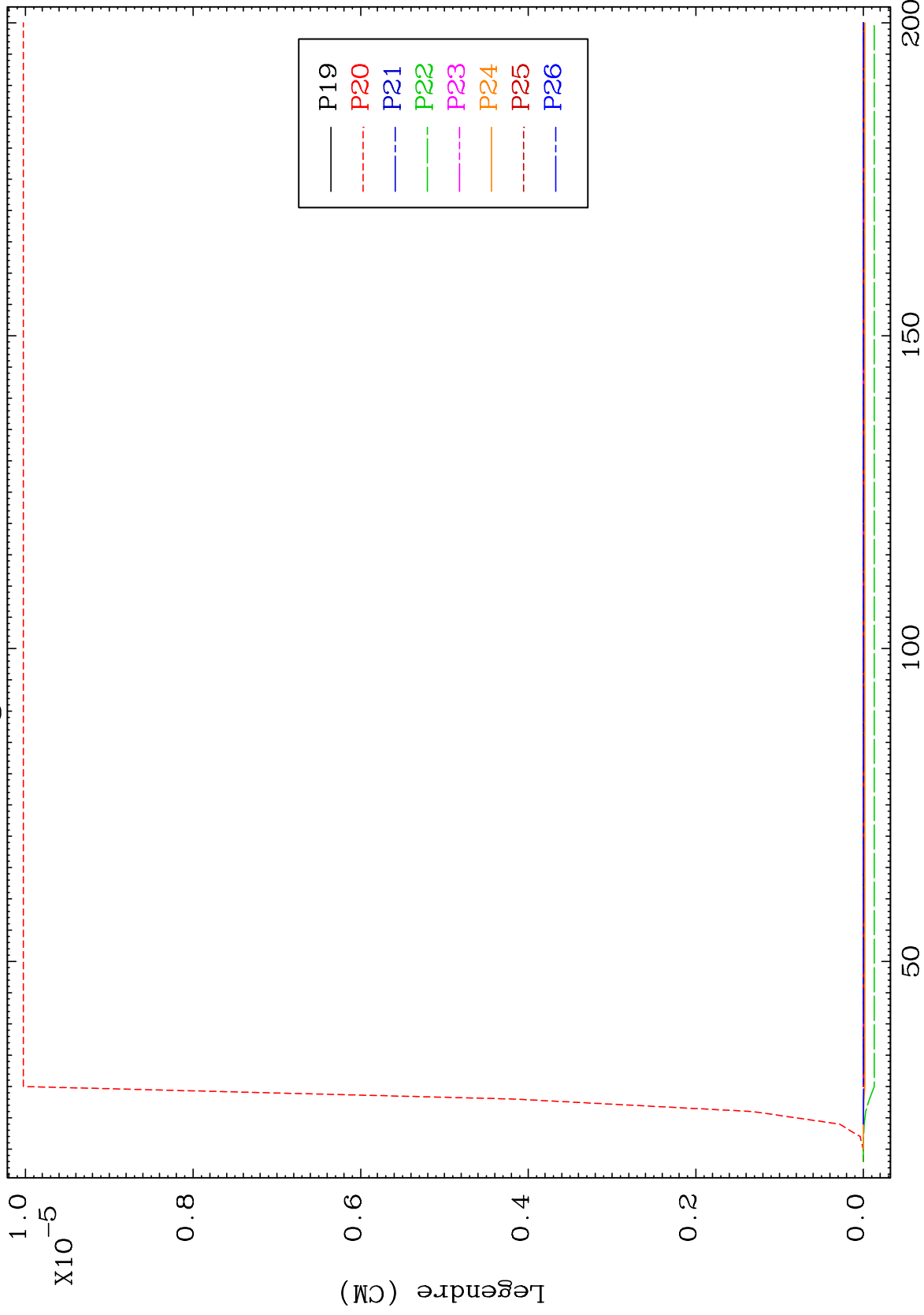
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



59

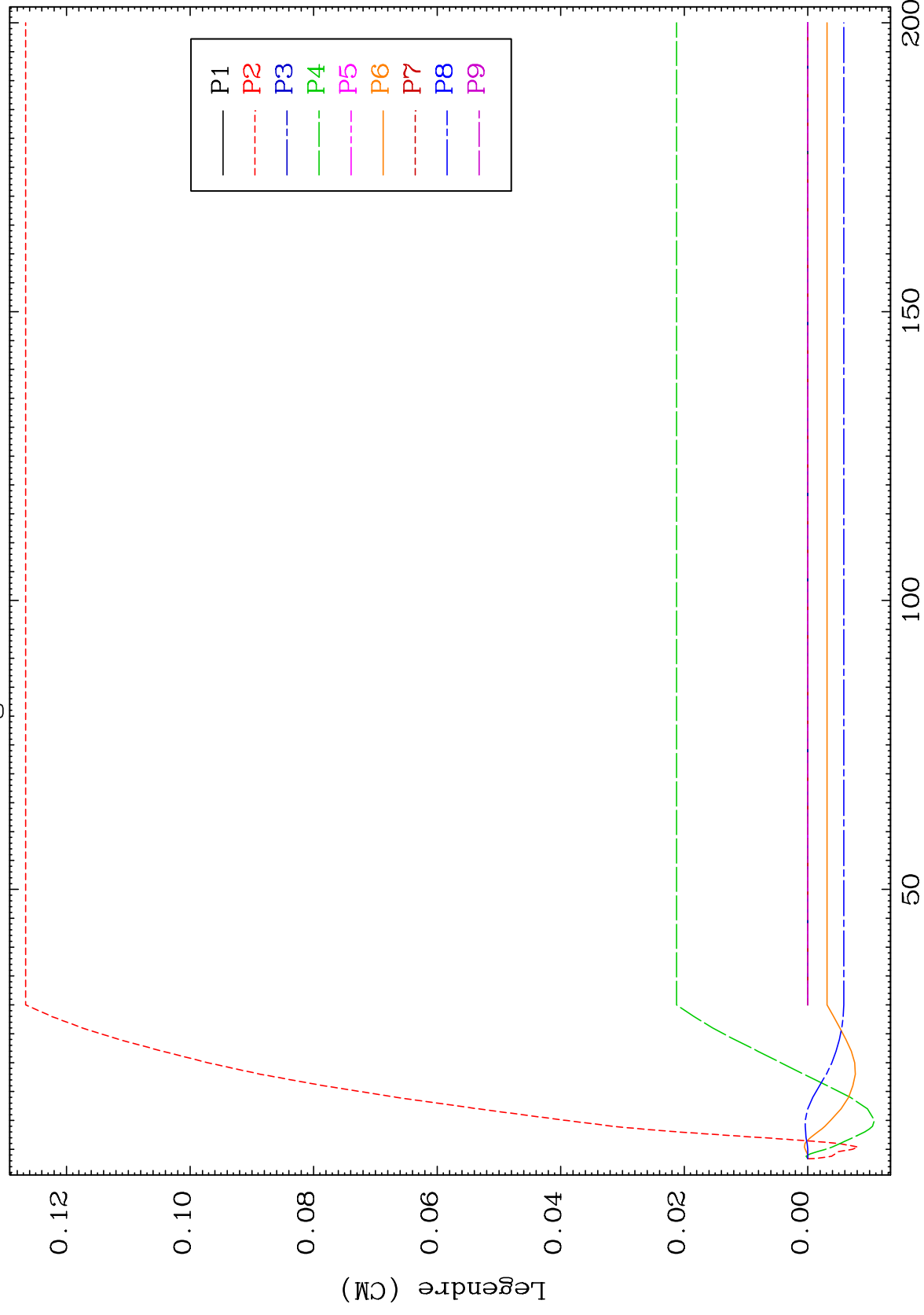
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



81-T1-207

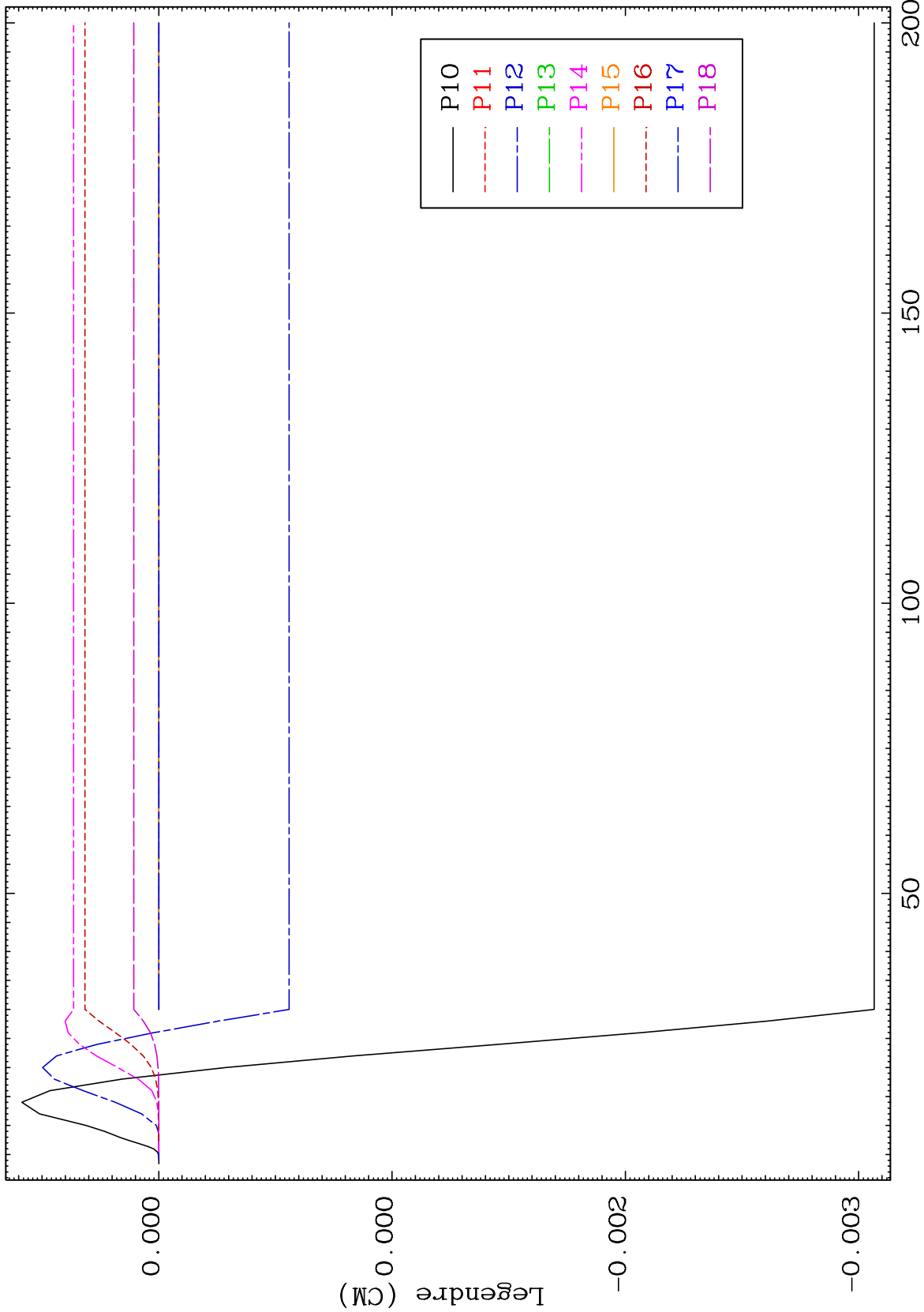
Incident Energy (MeV)

60

MAT 8137

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

81-T1-207



61

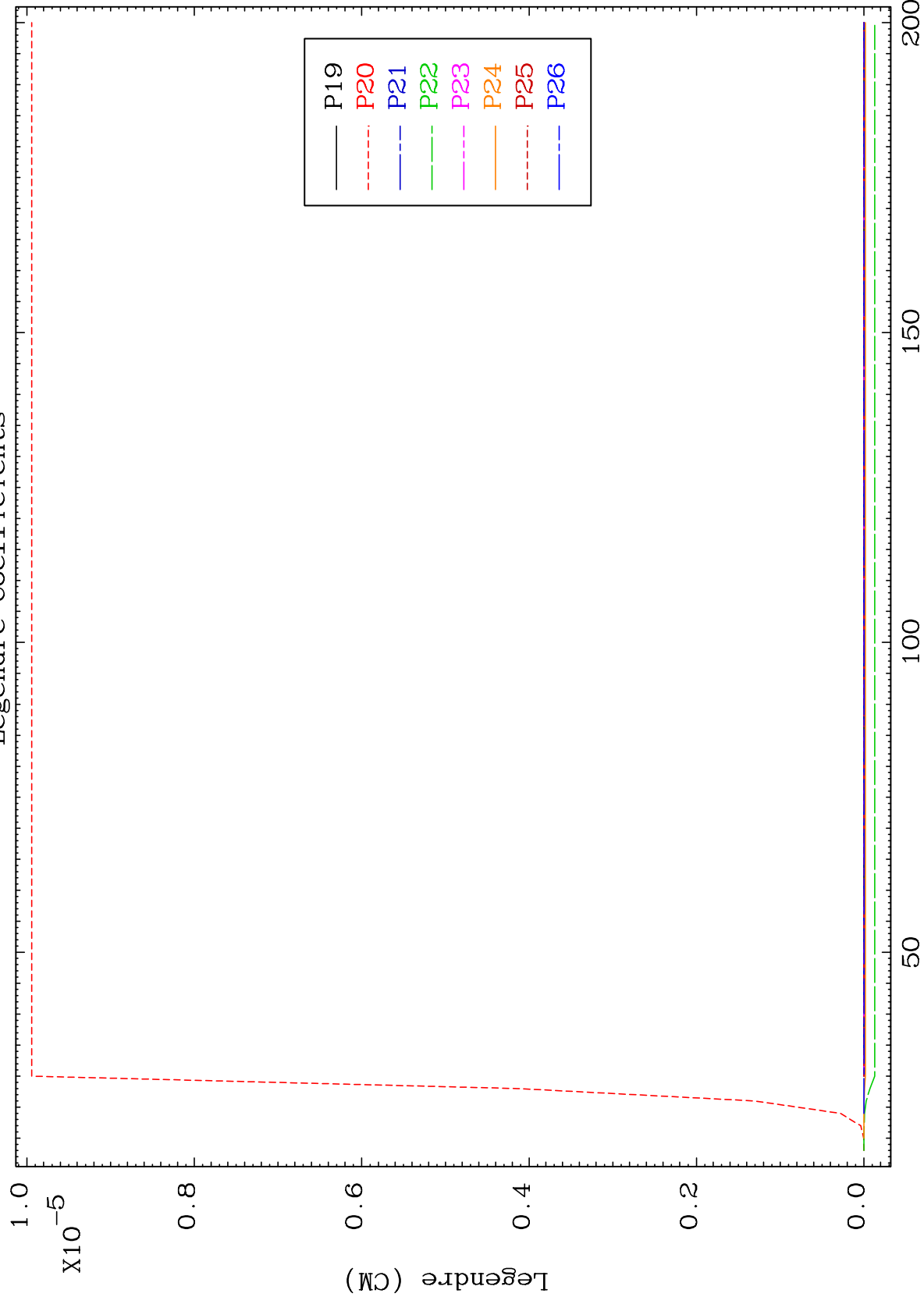
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



62

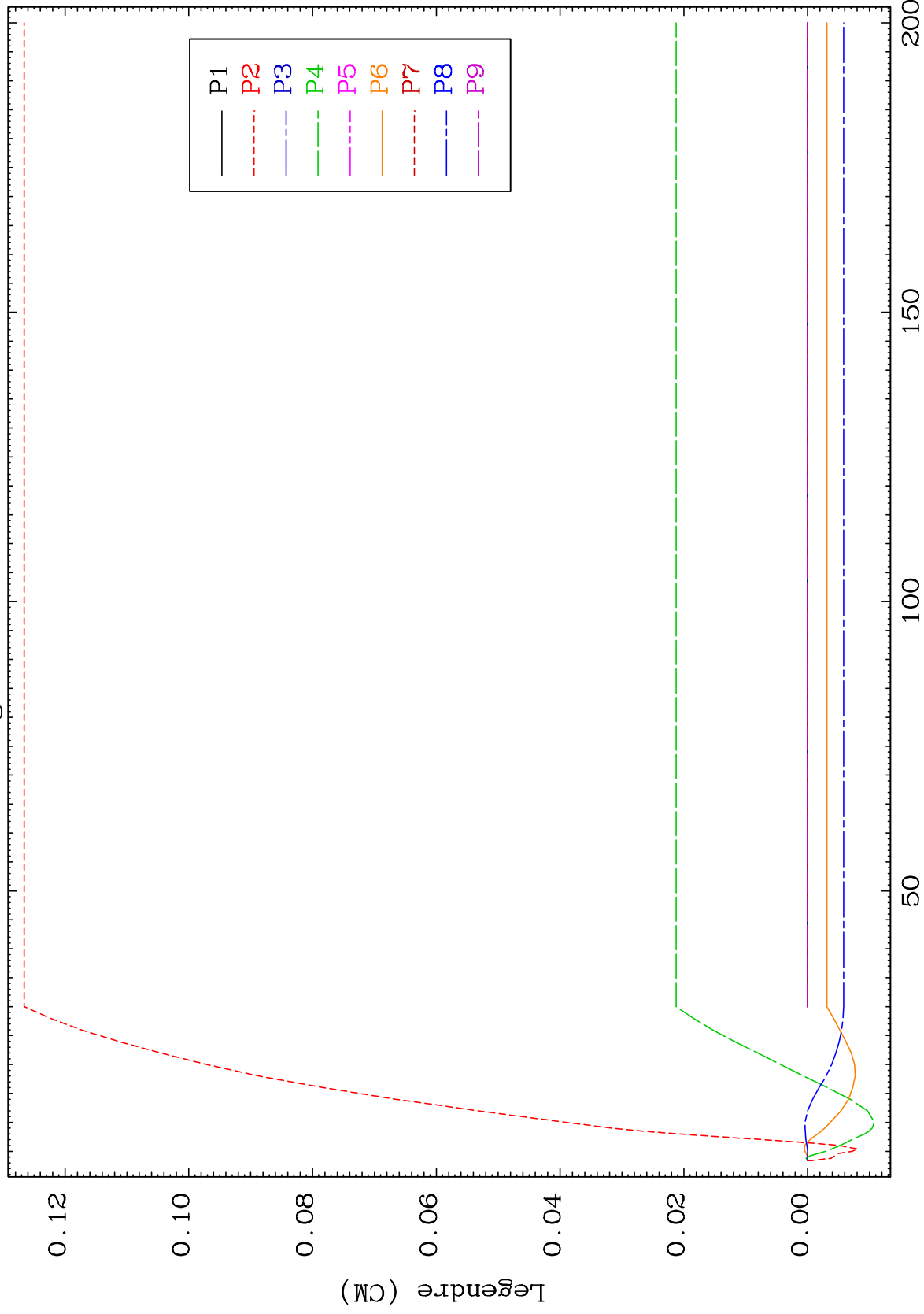
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



63

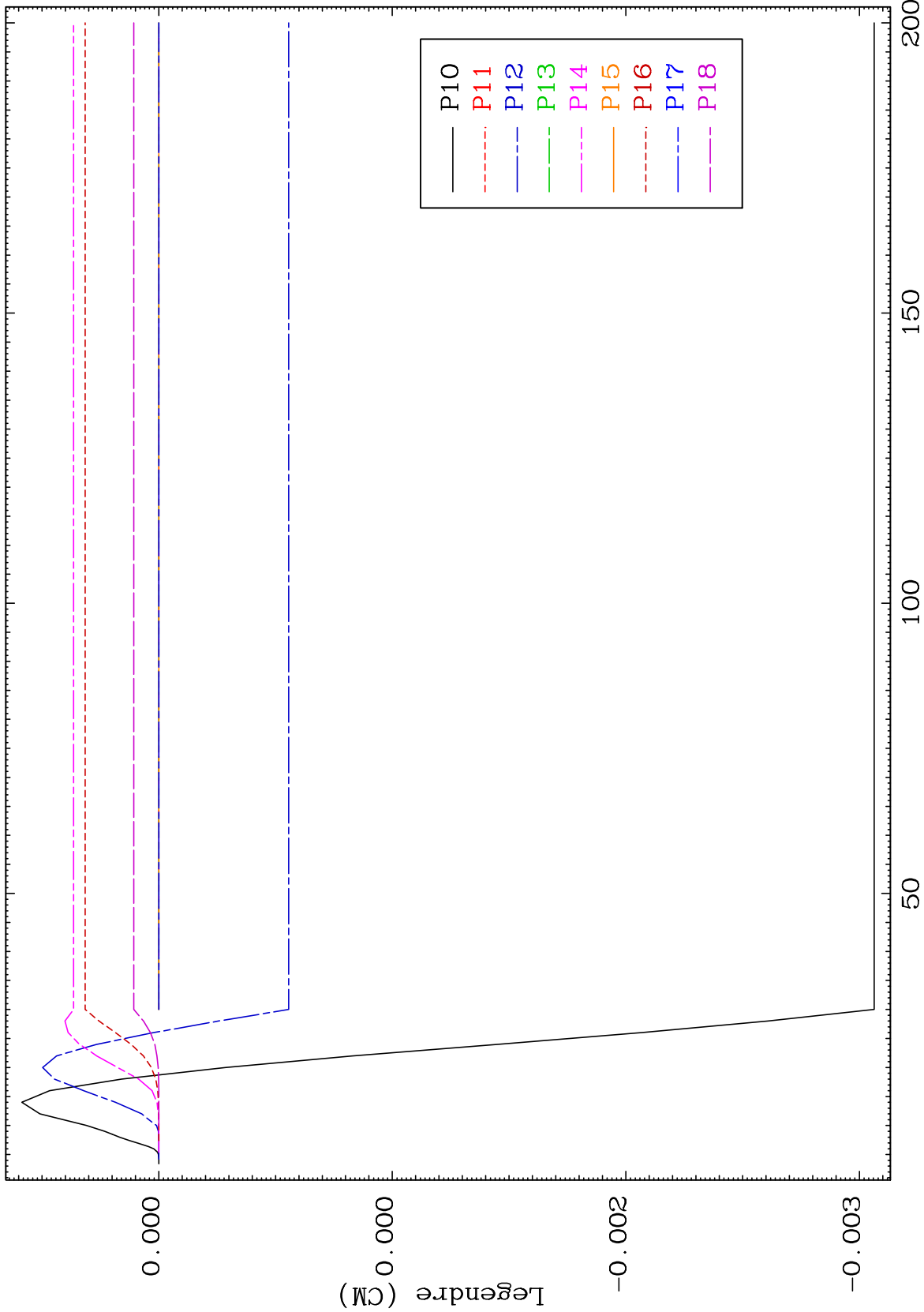
Incident Energy (MeV)

81-T1-207

MAT 8137

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

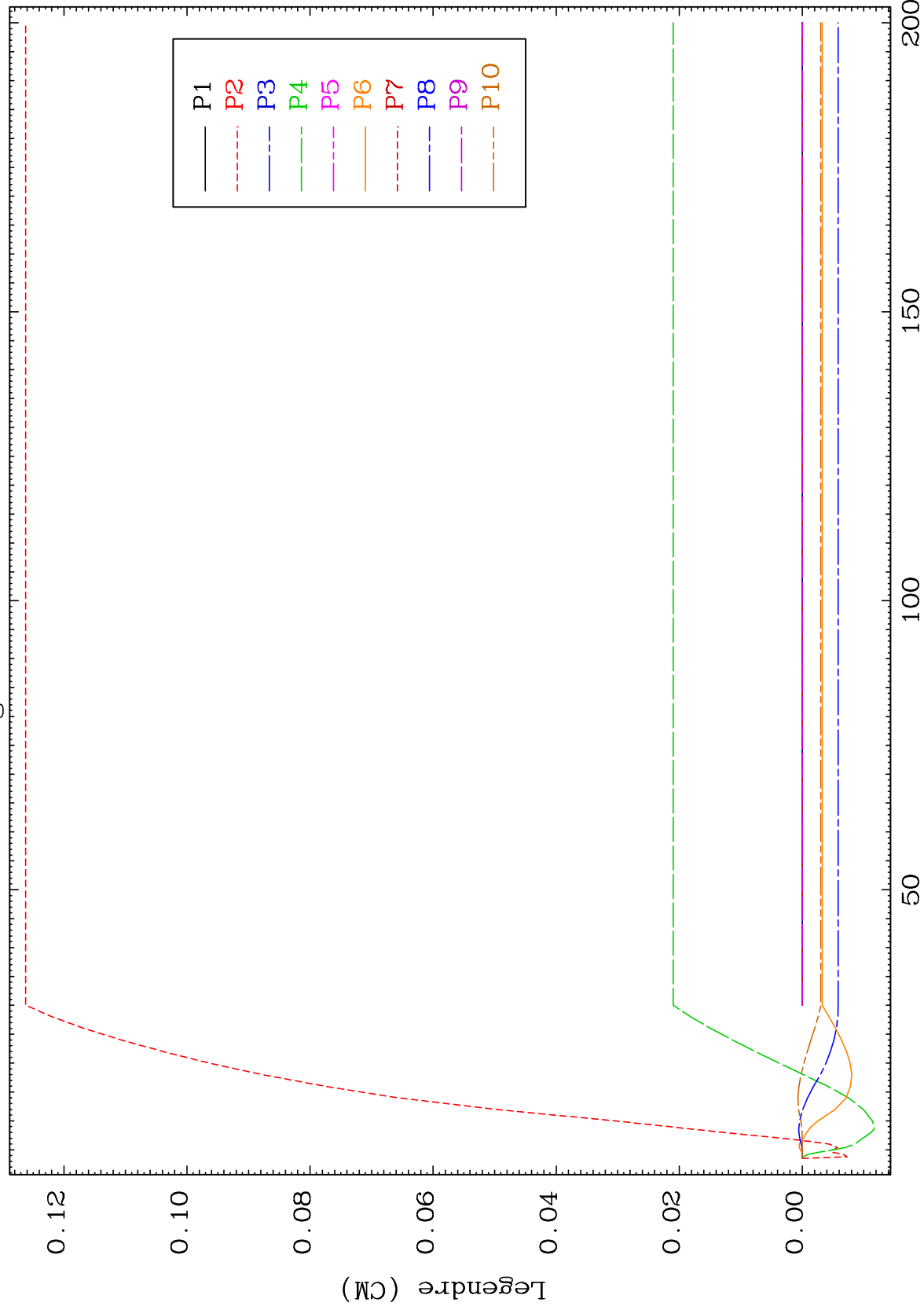
81-T1-207



64

Incident Energy (MeV)

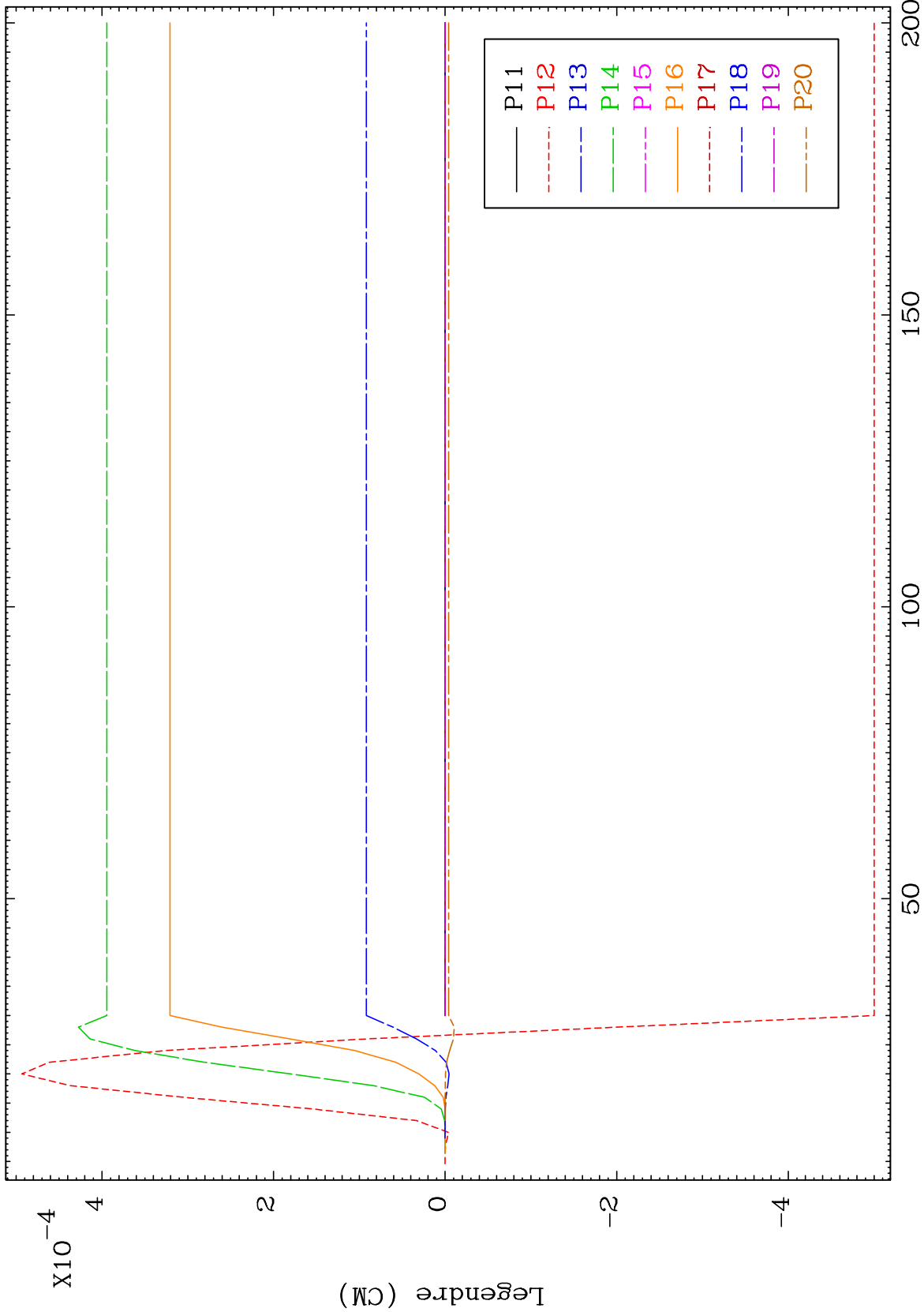
81-T1-207



MAT 8137

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

81-T1-207



67

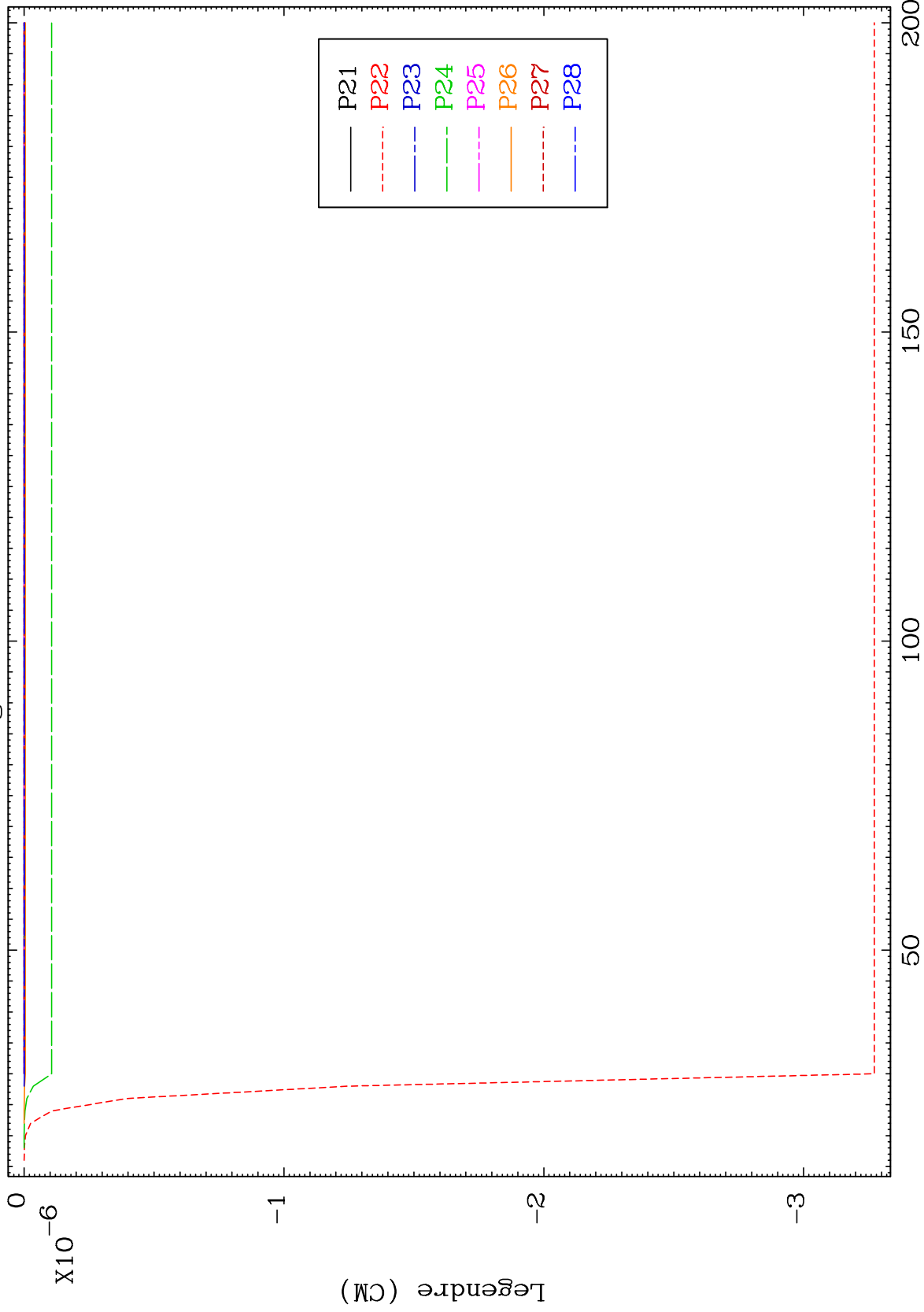
Incident Energy (MeV)

81-T1-207

MAT 8137

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

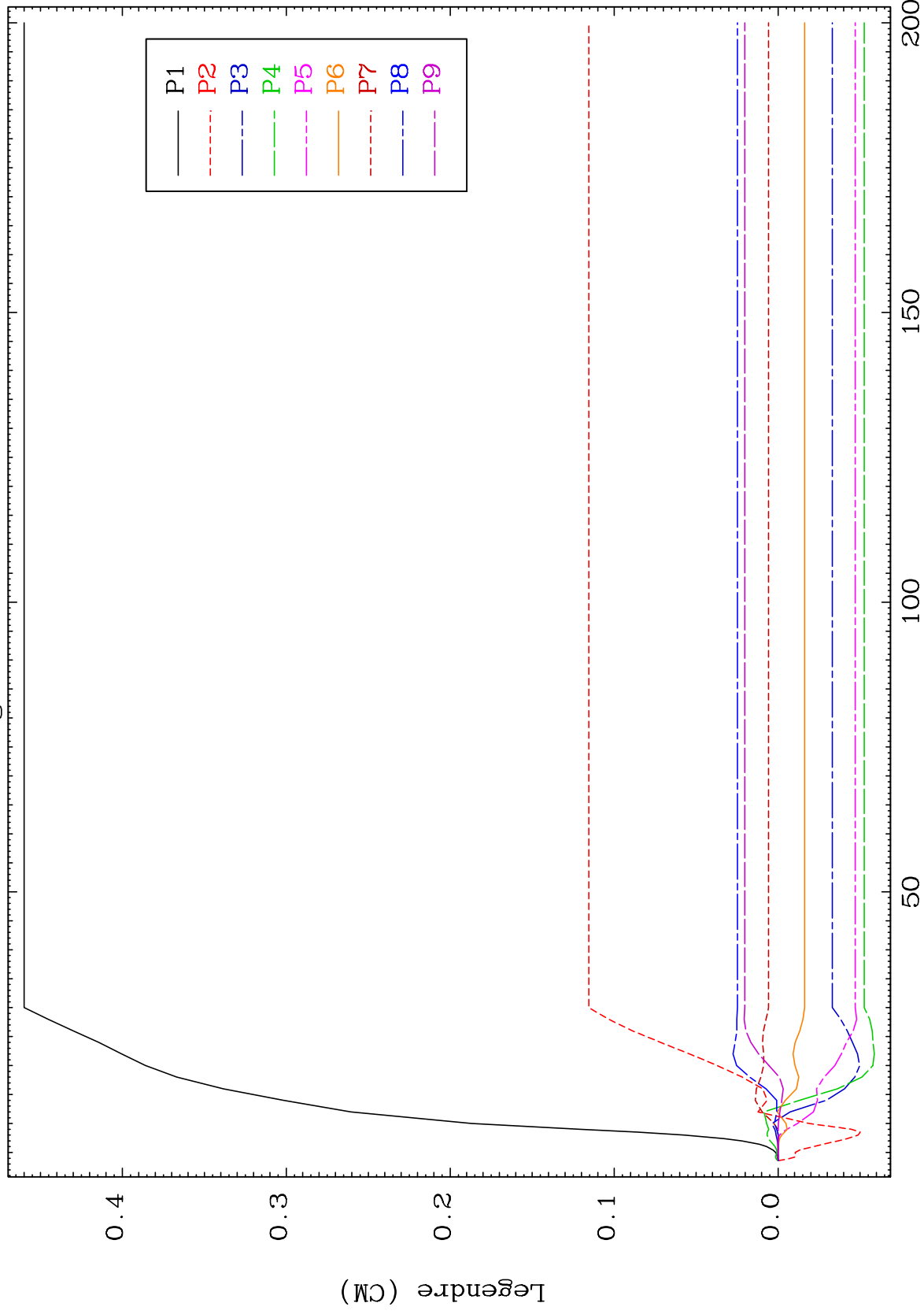
81-T1-207

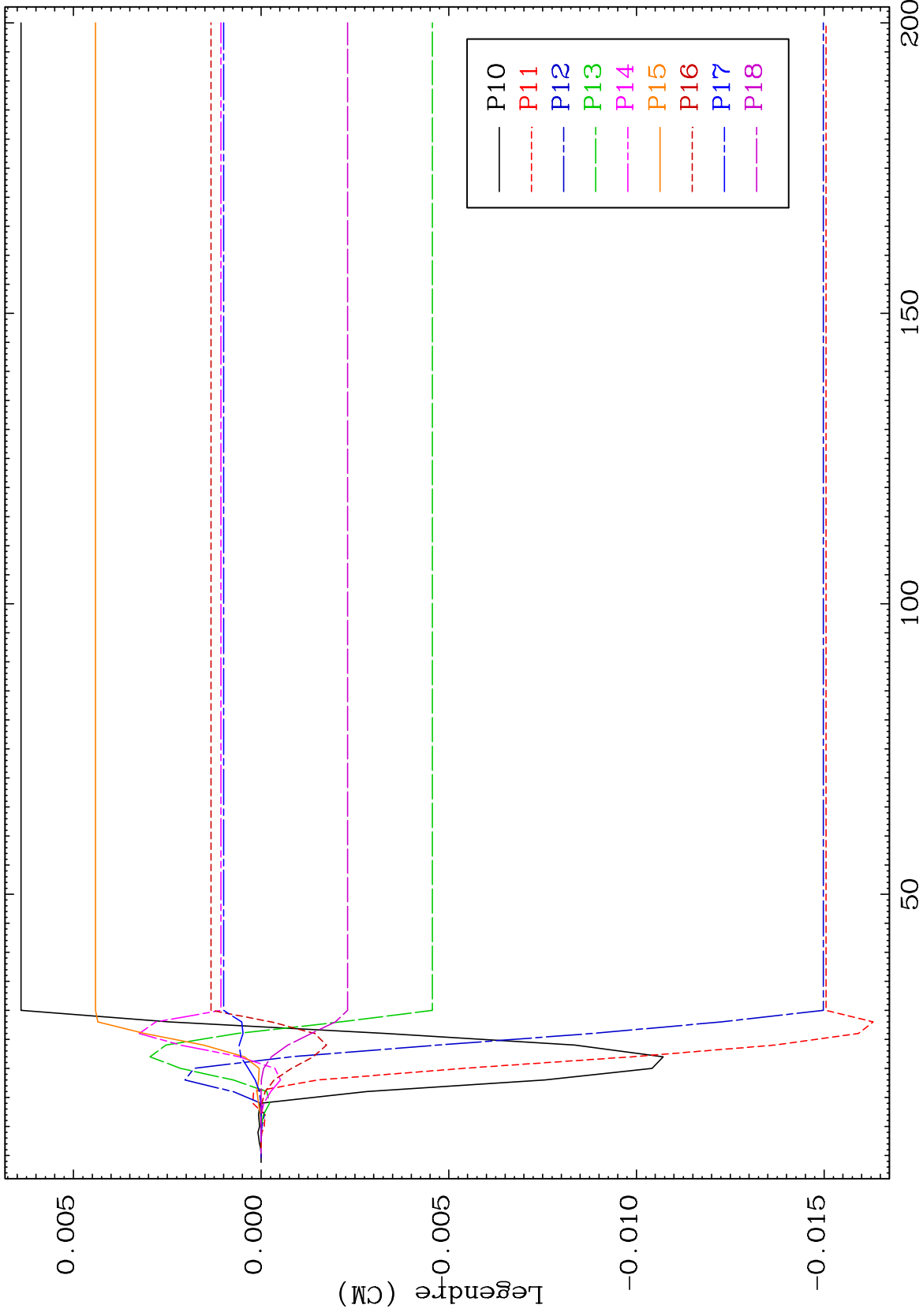


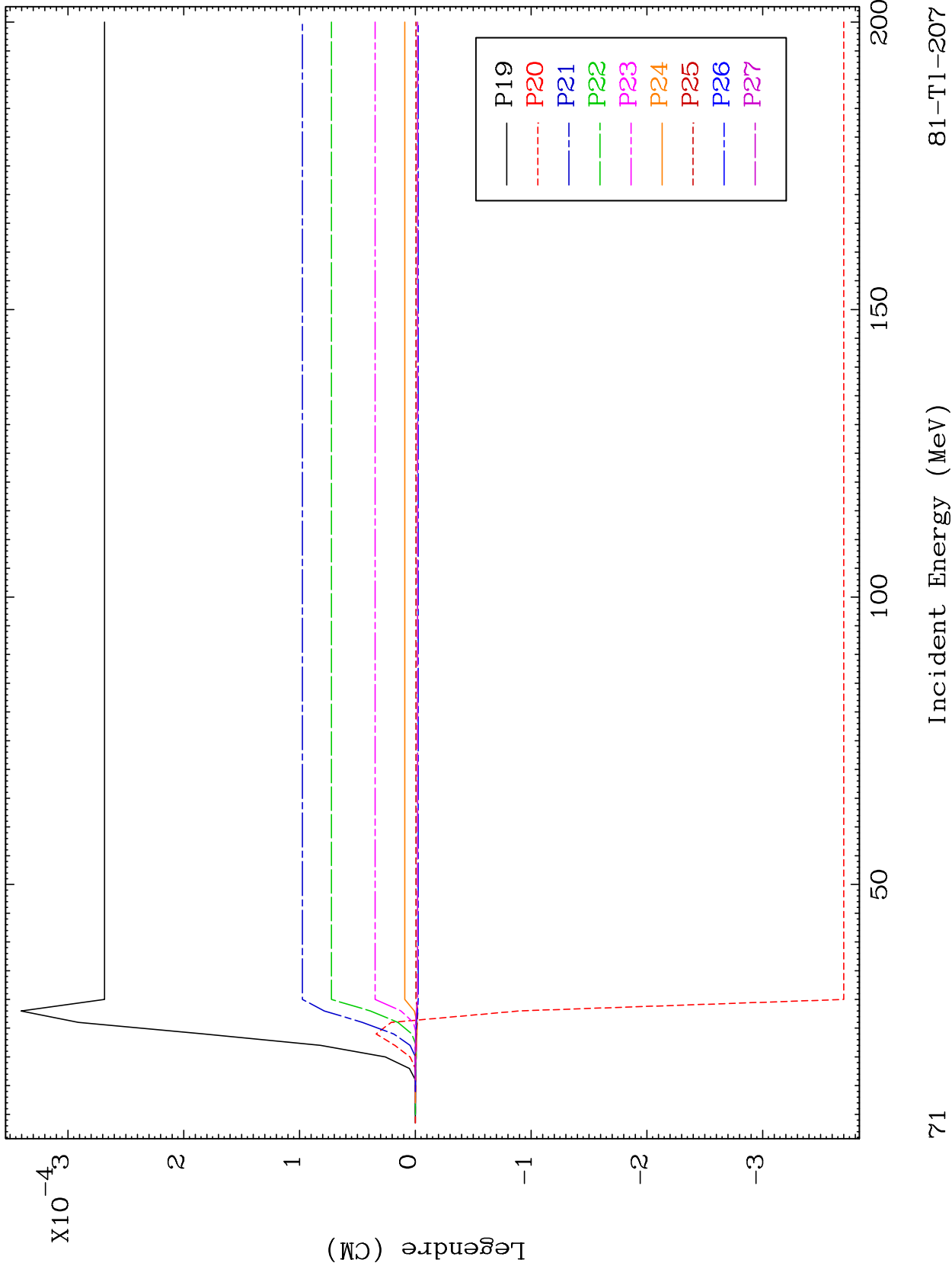
68

Incident Energy (MeV)

81-T1-207



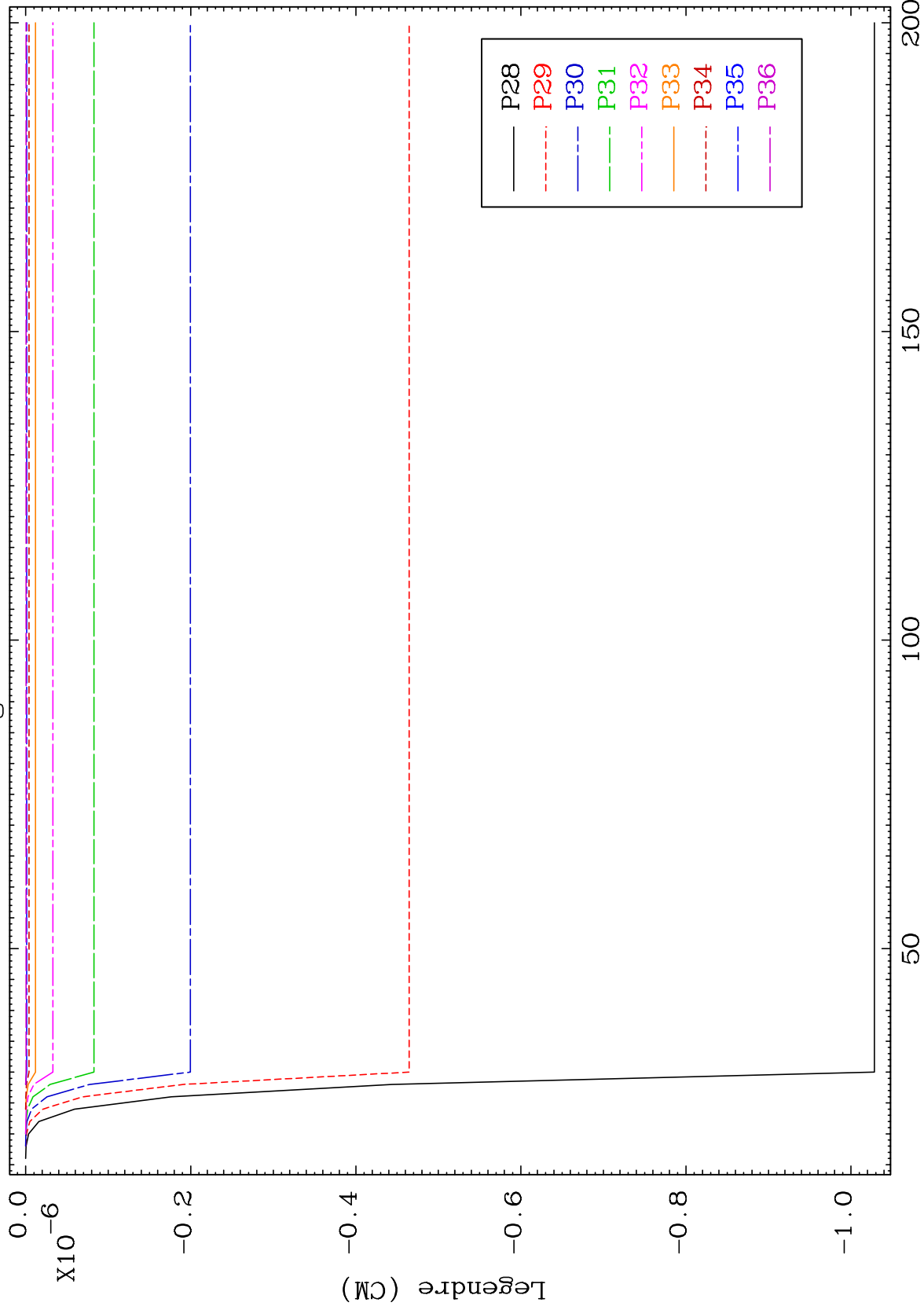




MAT 8137

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

81-T1-207



72

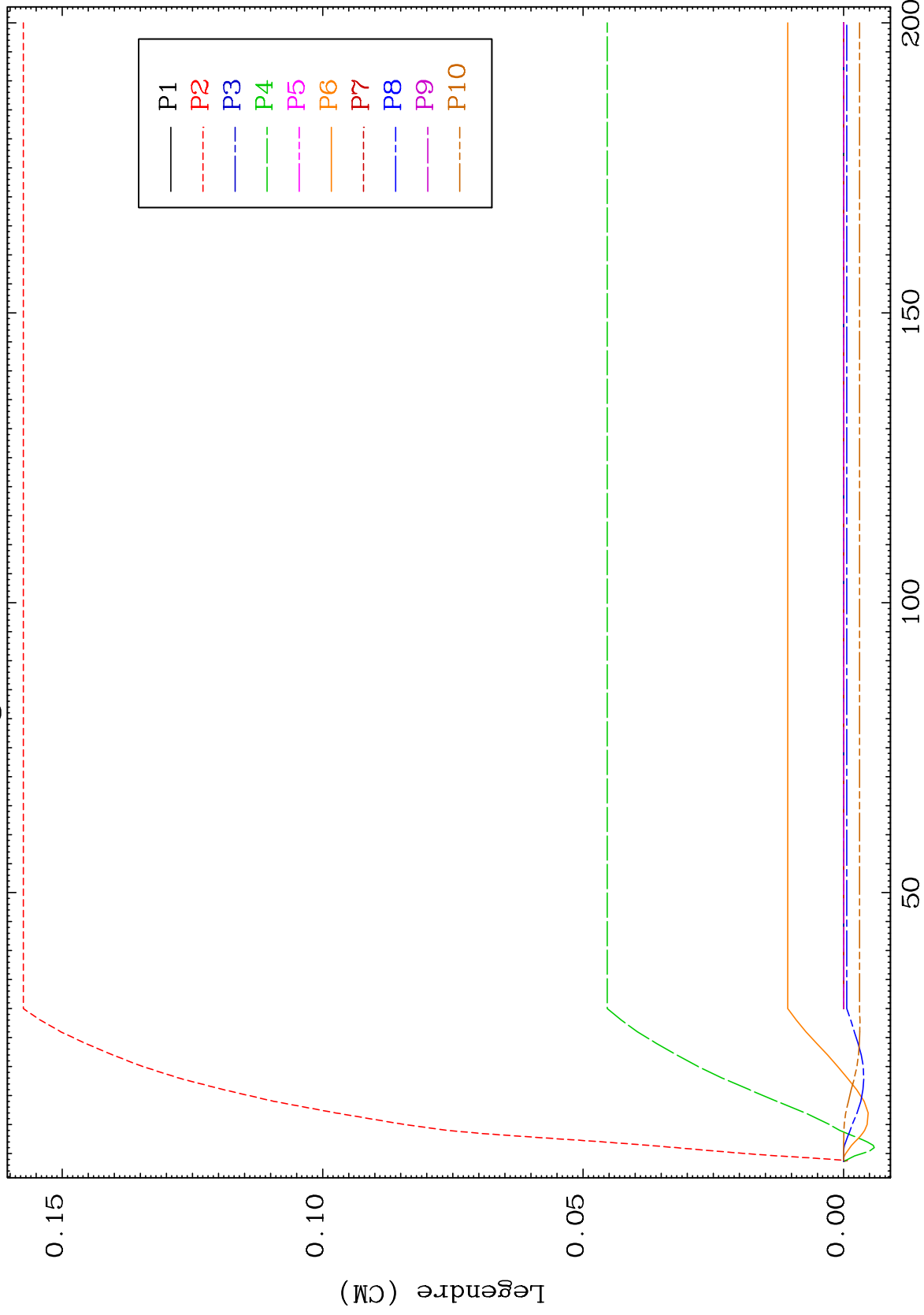
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



73

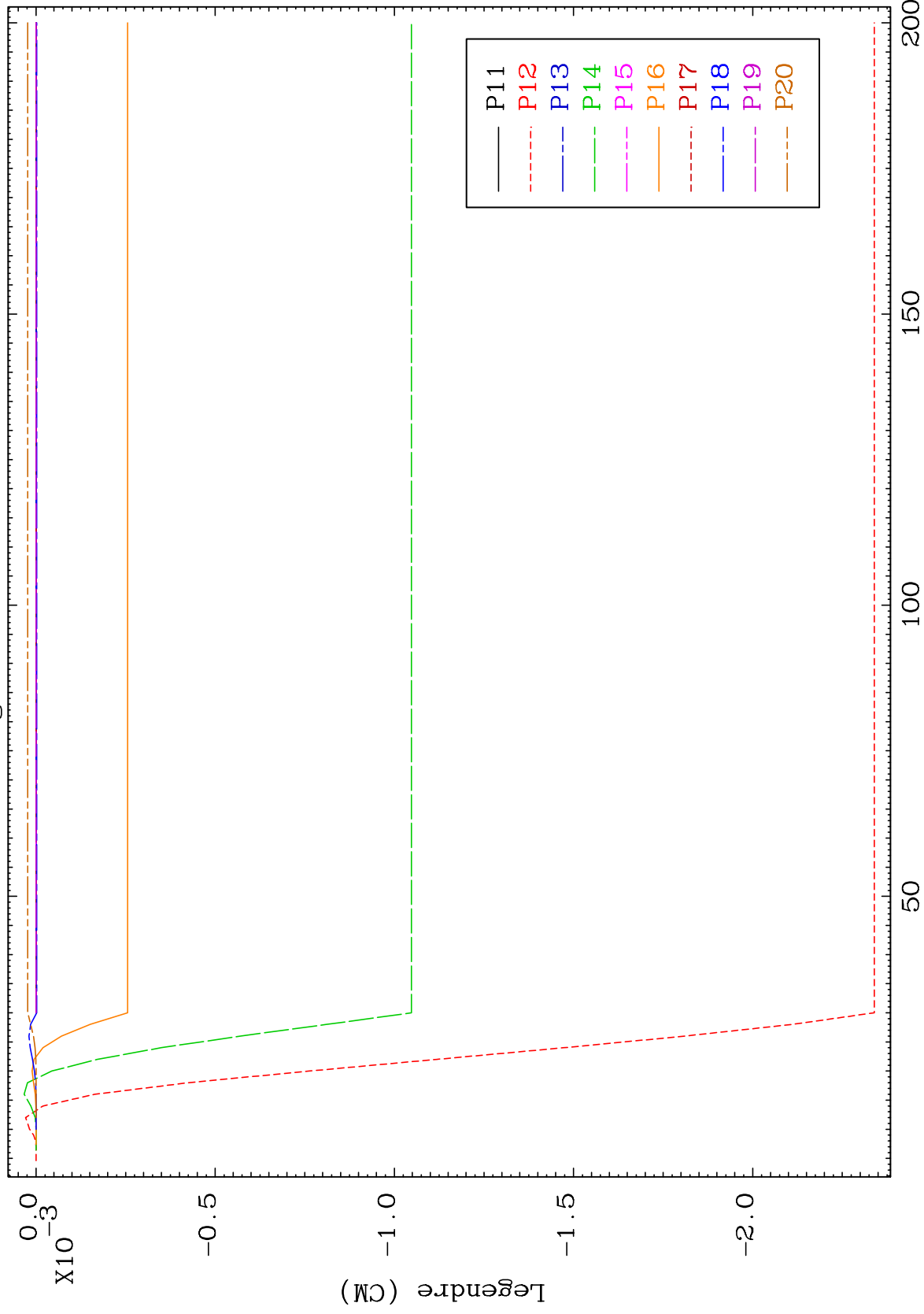
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



74

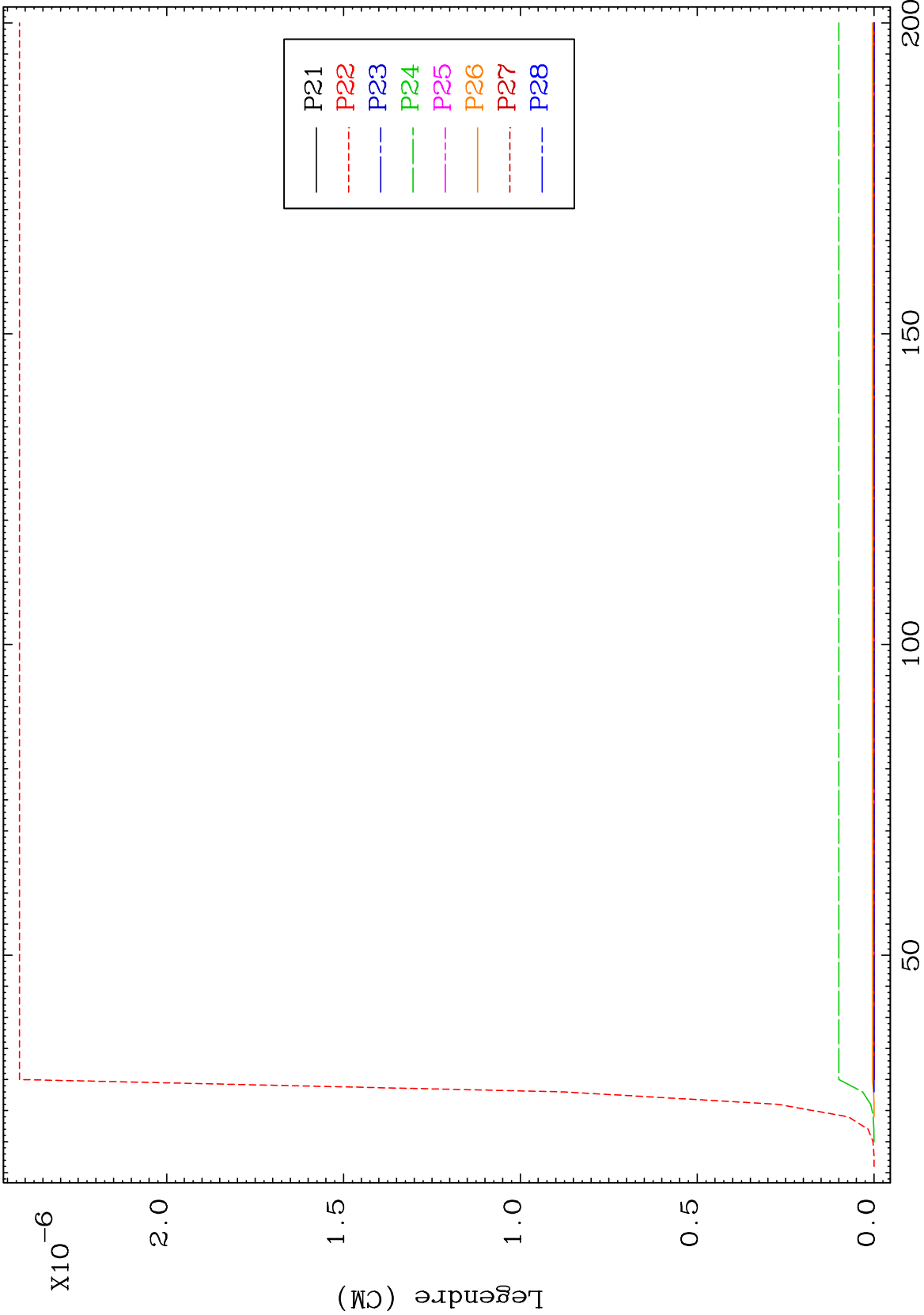
Incident Energy (MeV)

81-T1-207

MAT 8137

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

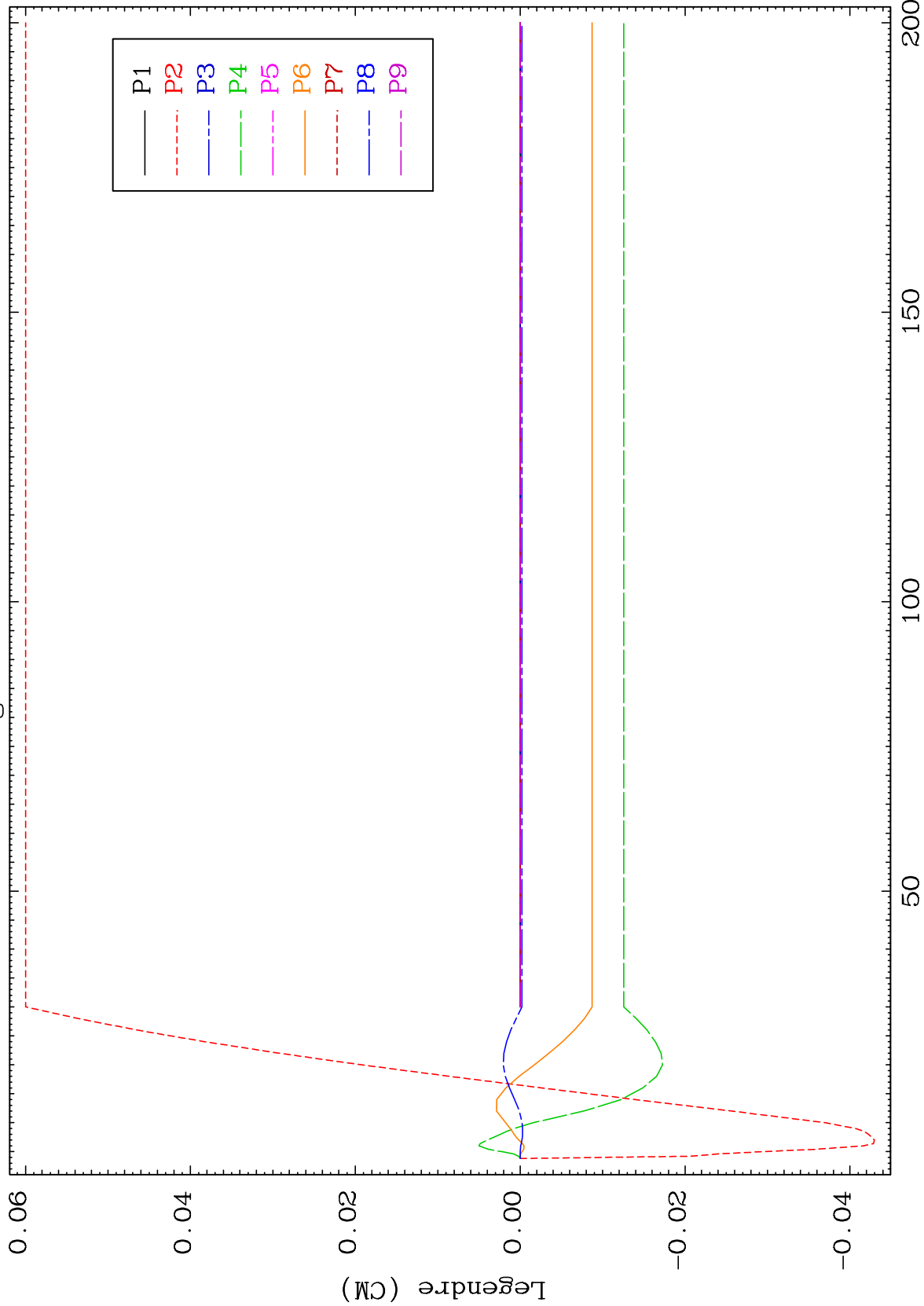
81-T1-207



75

Incident Energy (MeV)

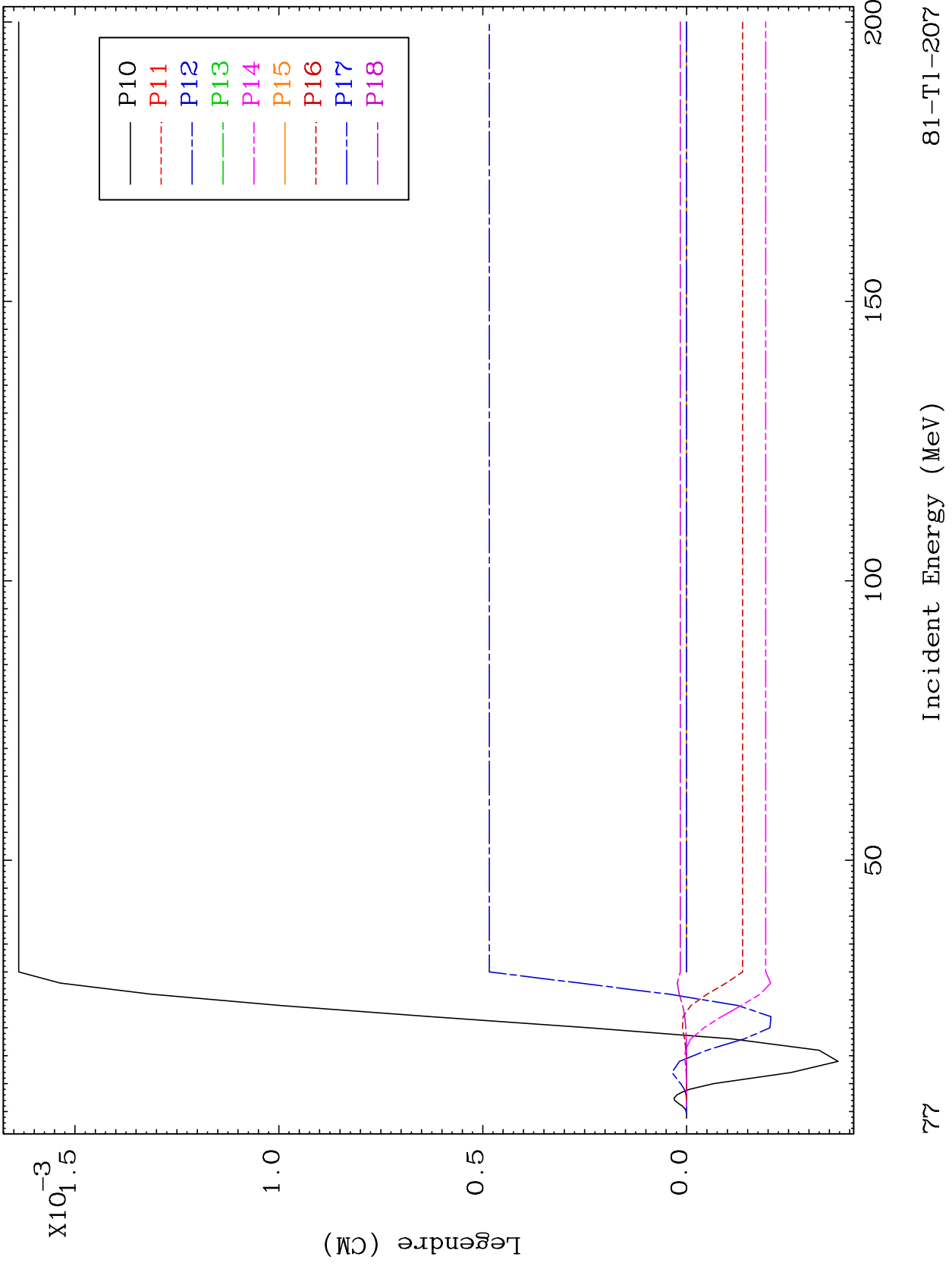
81-T1-207

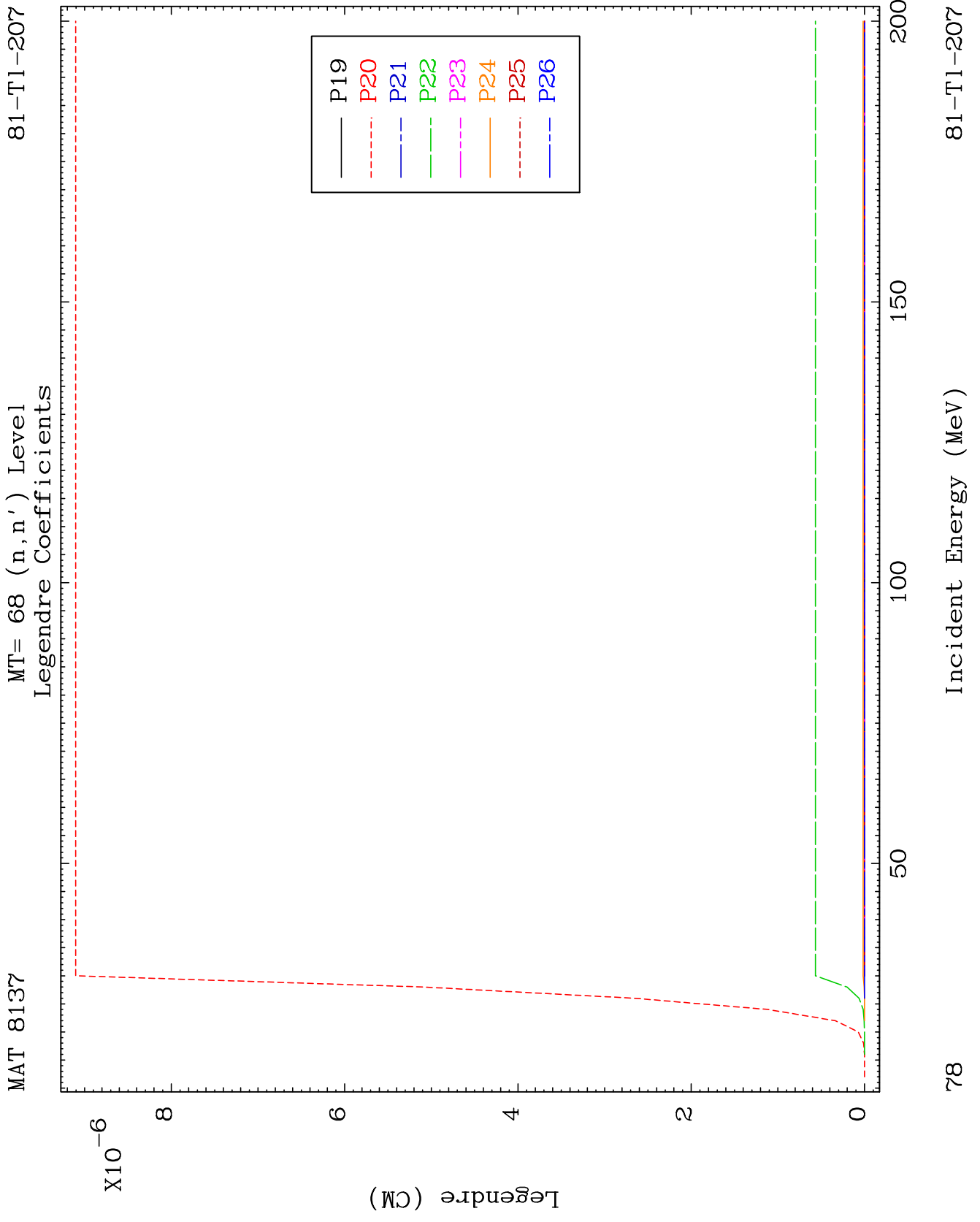


MAT 8137

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

81-Tl-207

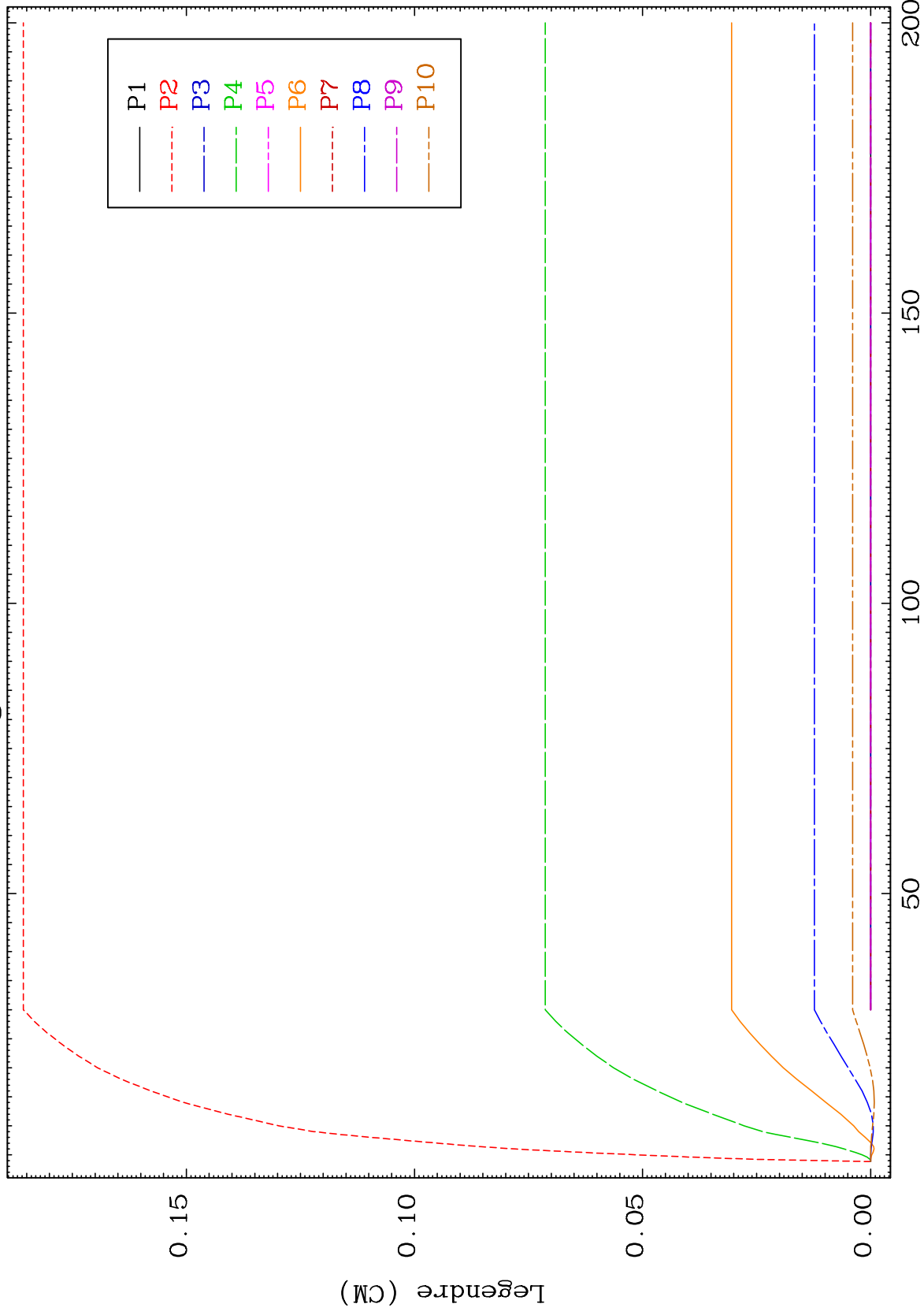




MAT 8137

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

81-T1-207



79

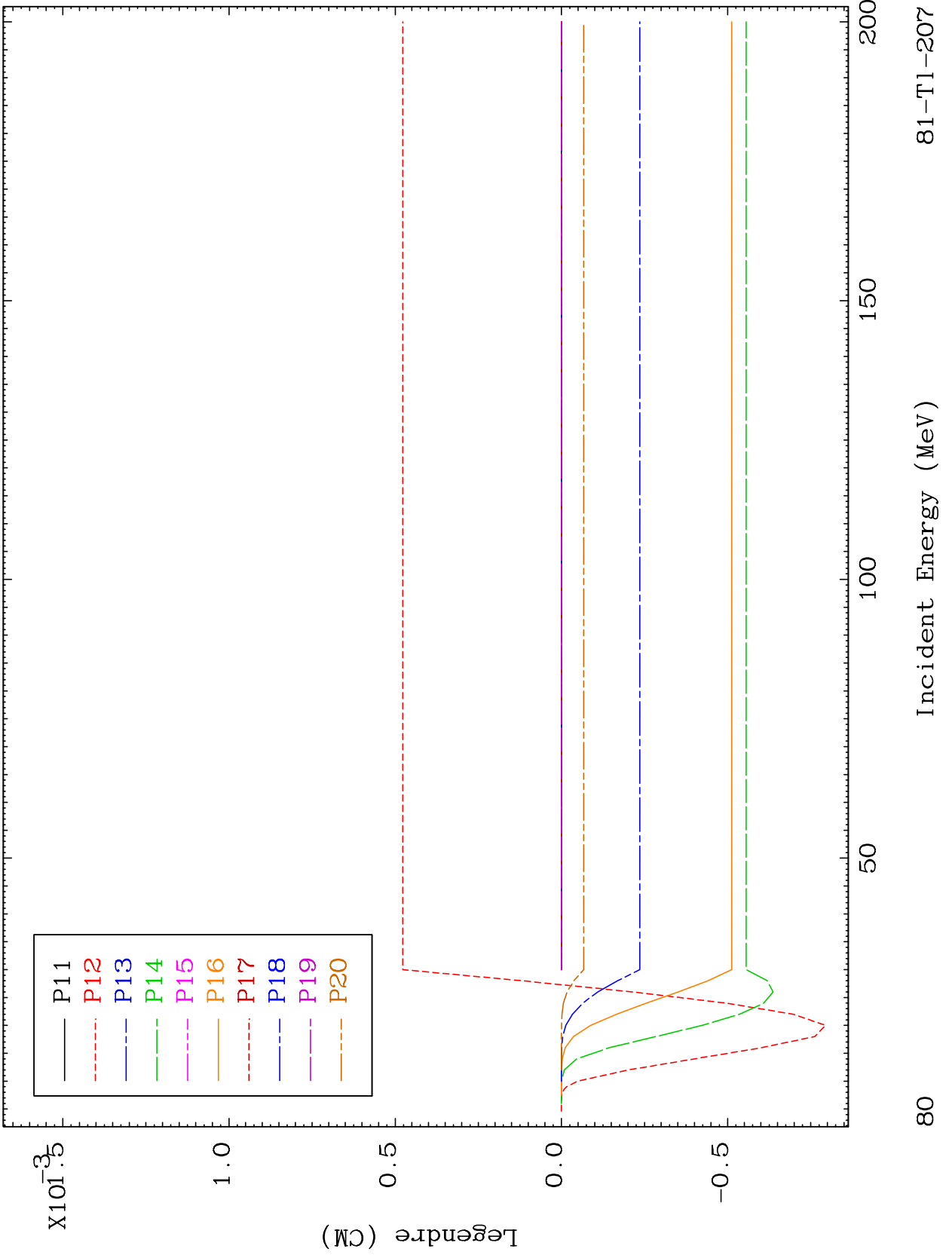
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



80

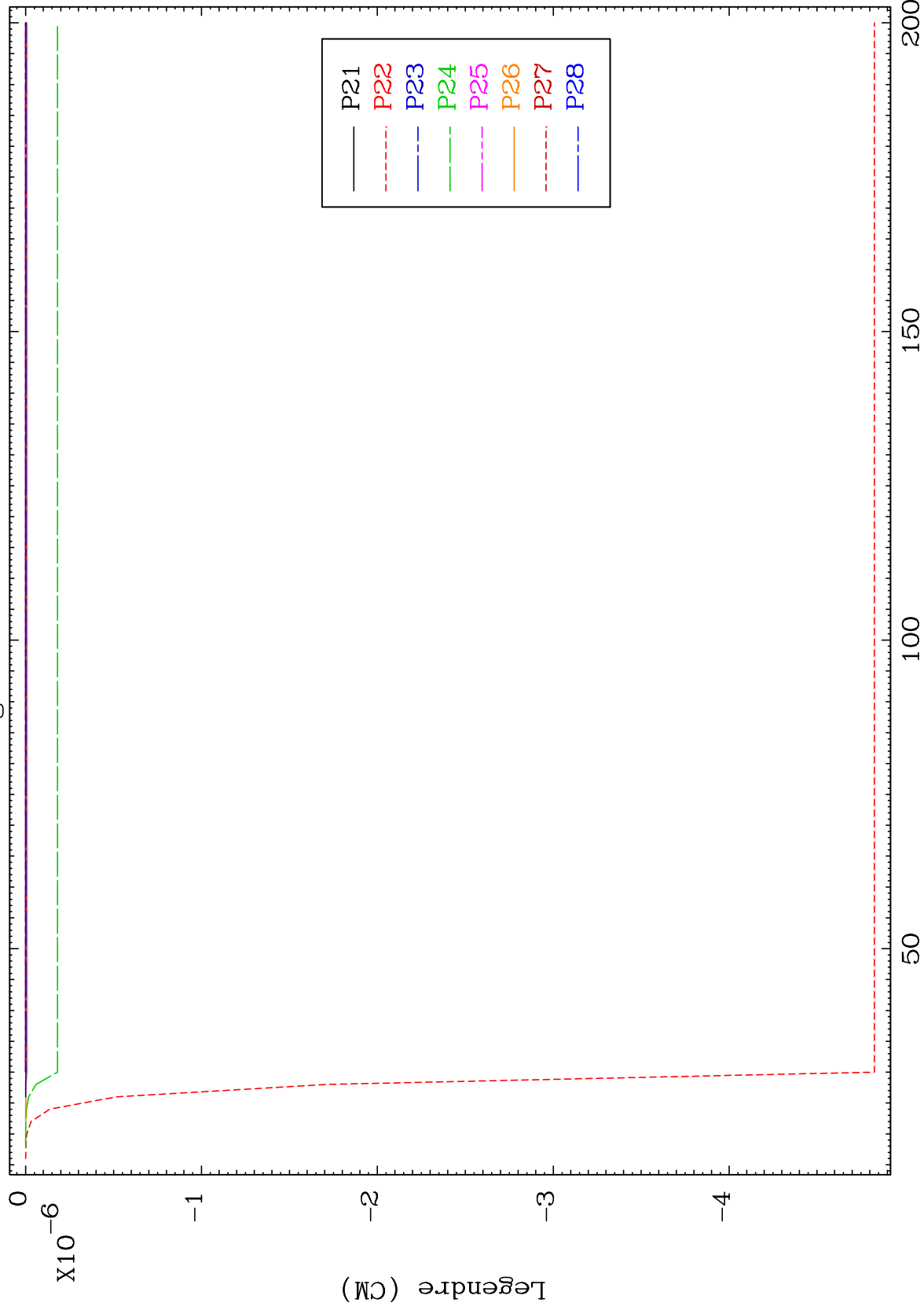
Incident Energy (MeV)

81-T1-207

MAT 8137

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

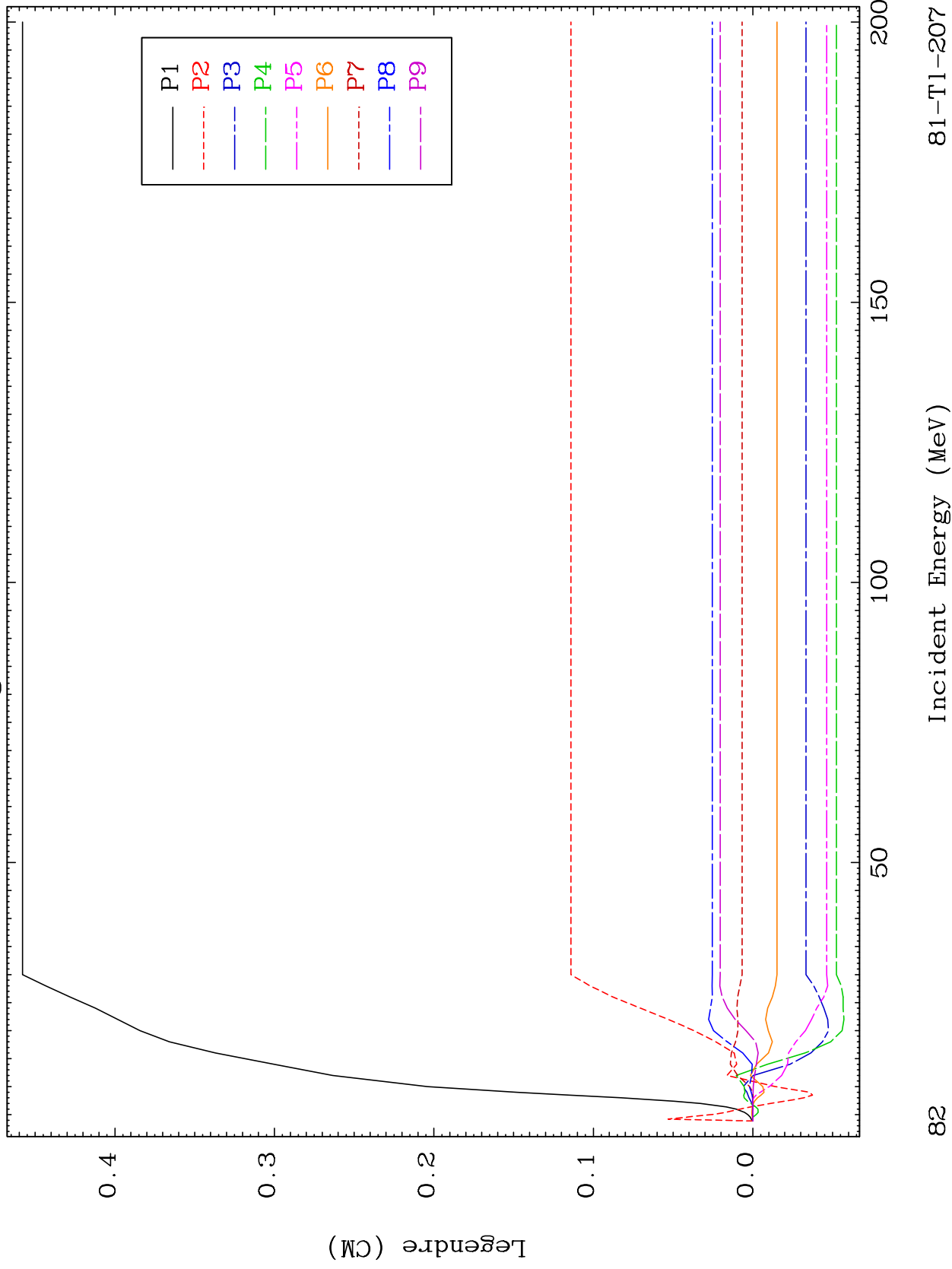
81-T1-207

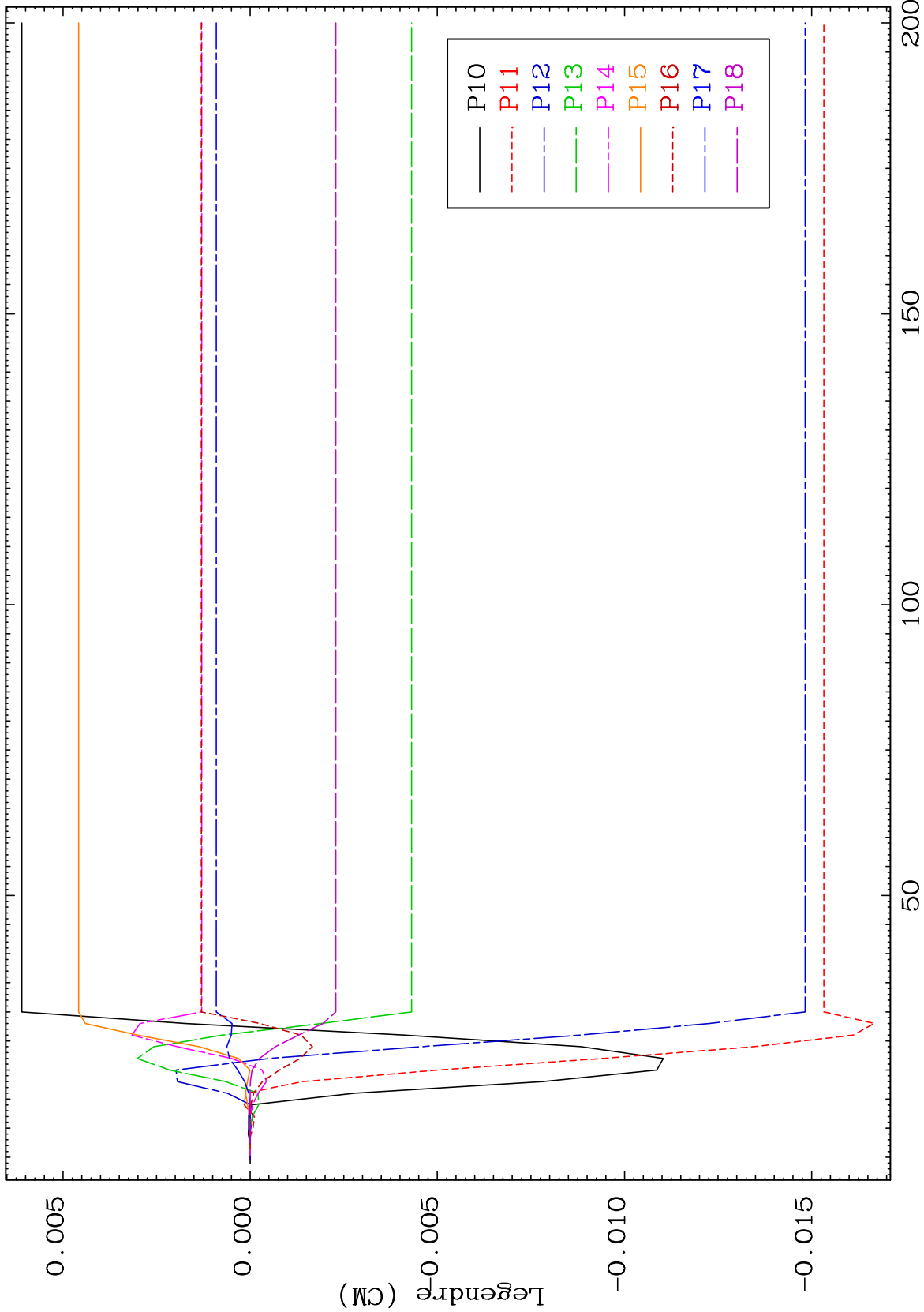


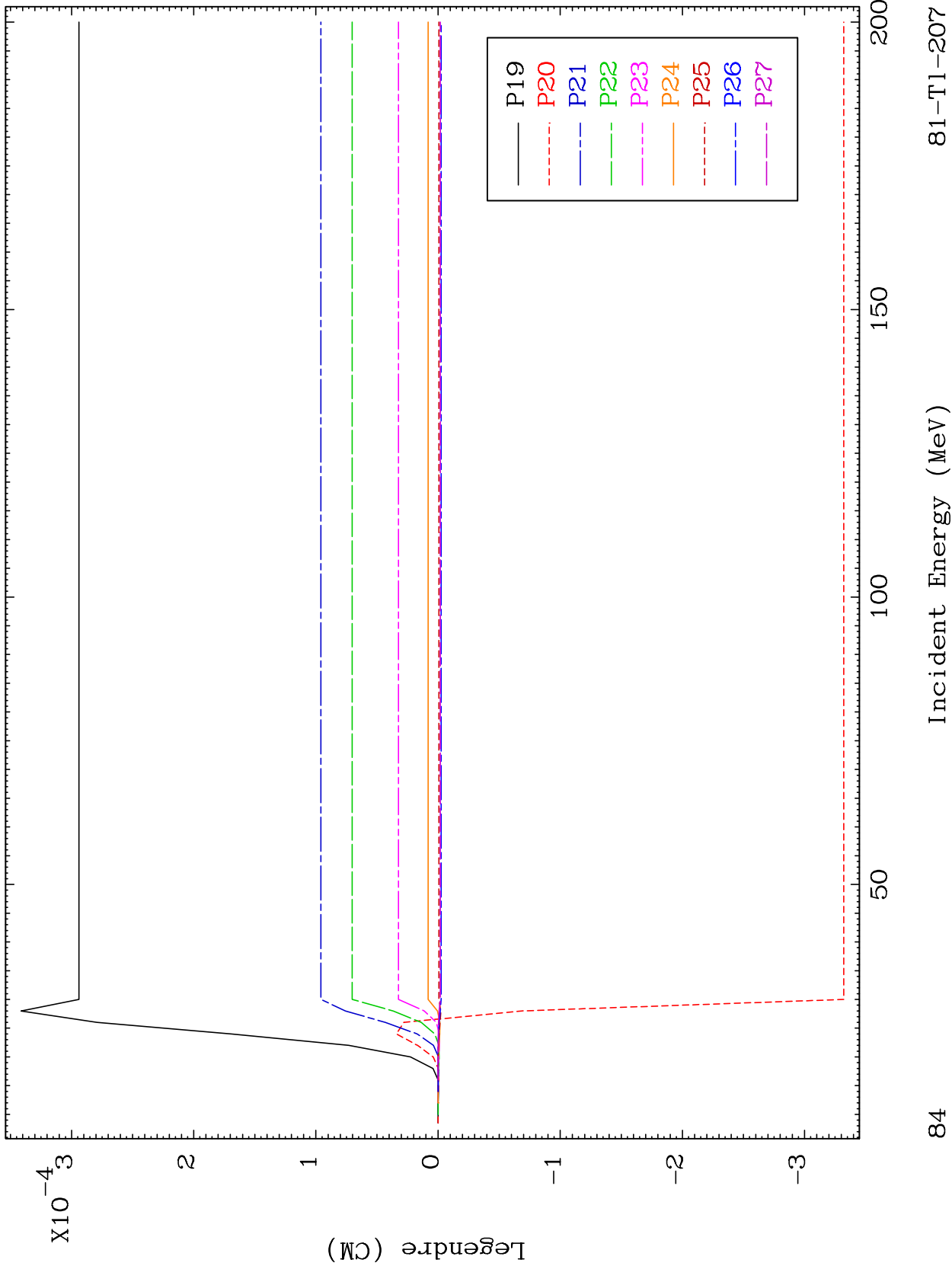
81

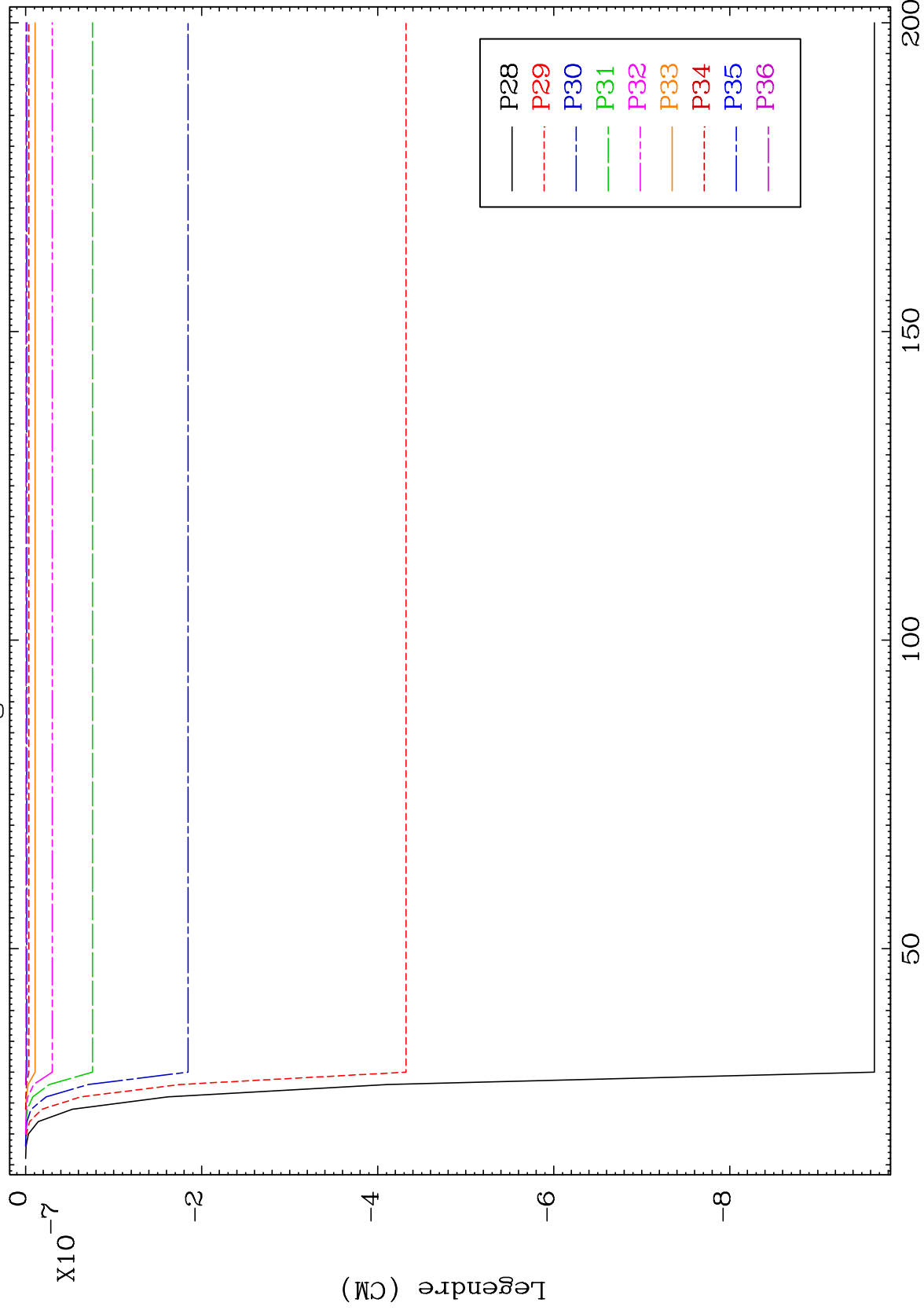
Incident Energy (MeV)

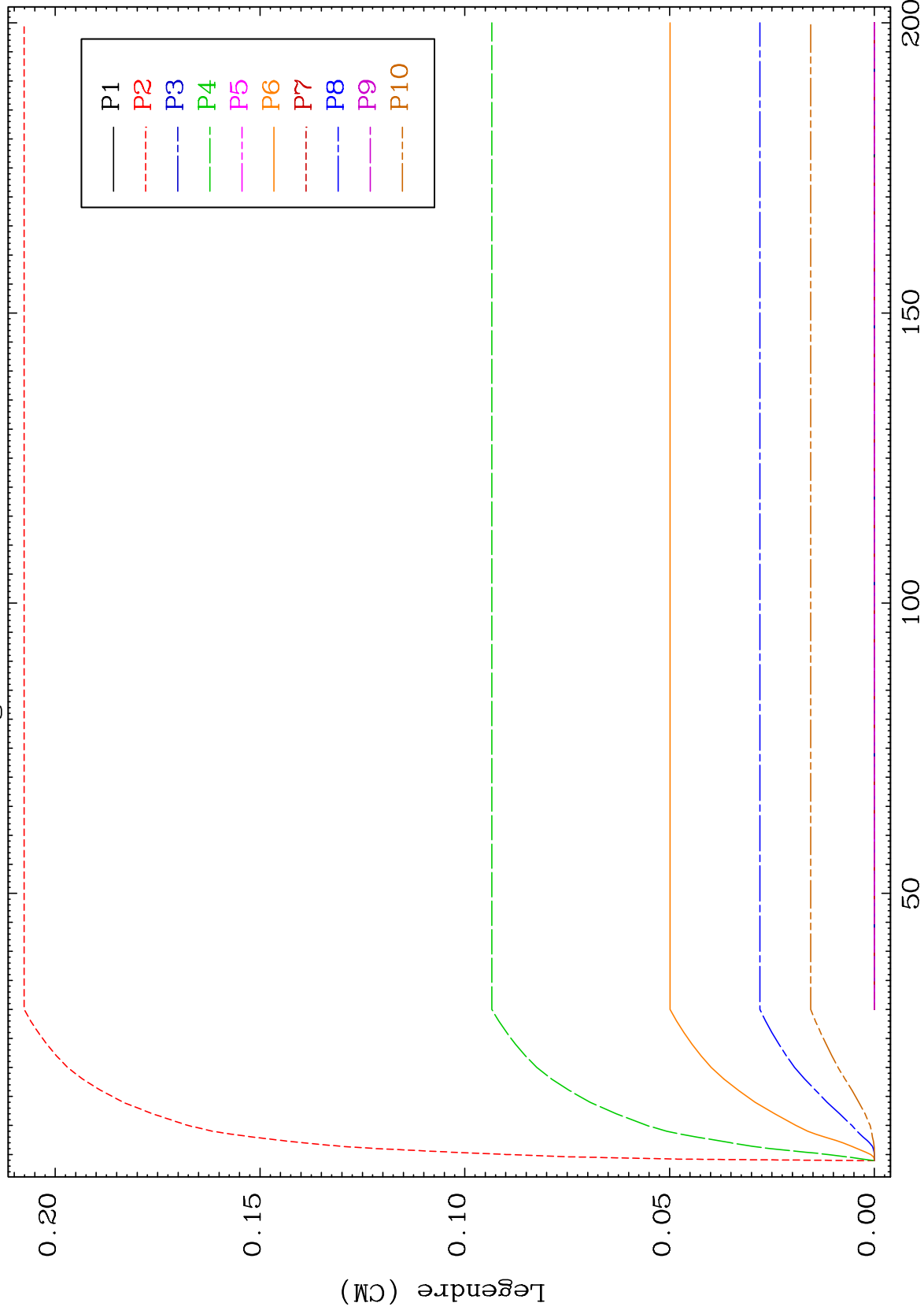
81-T1-207







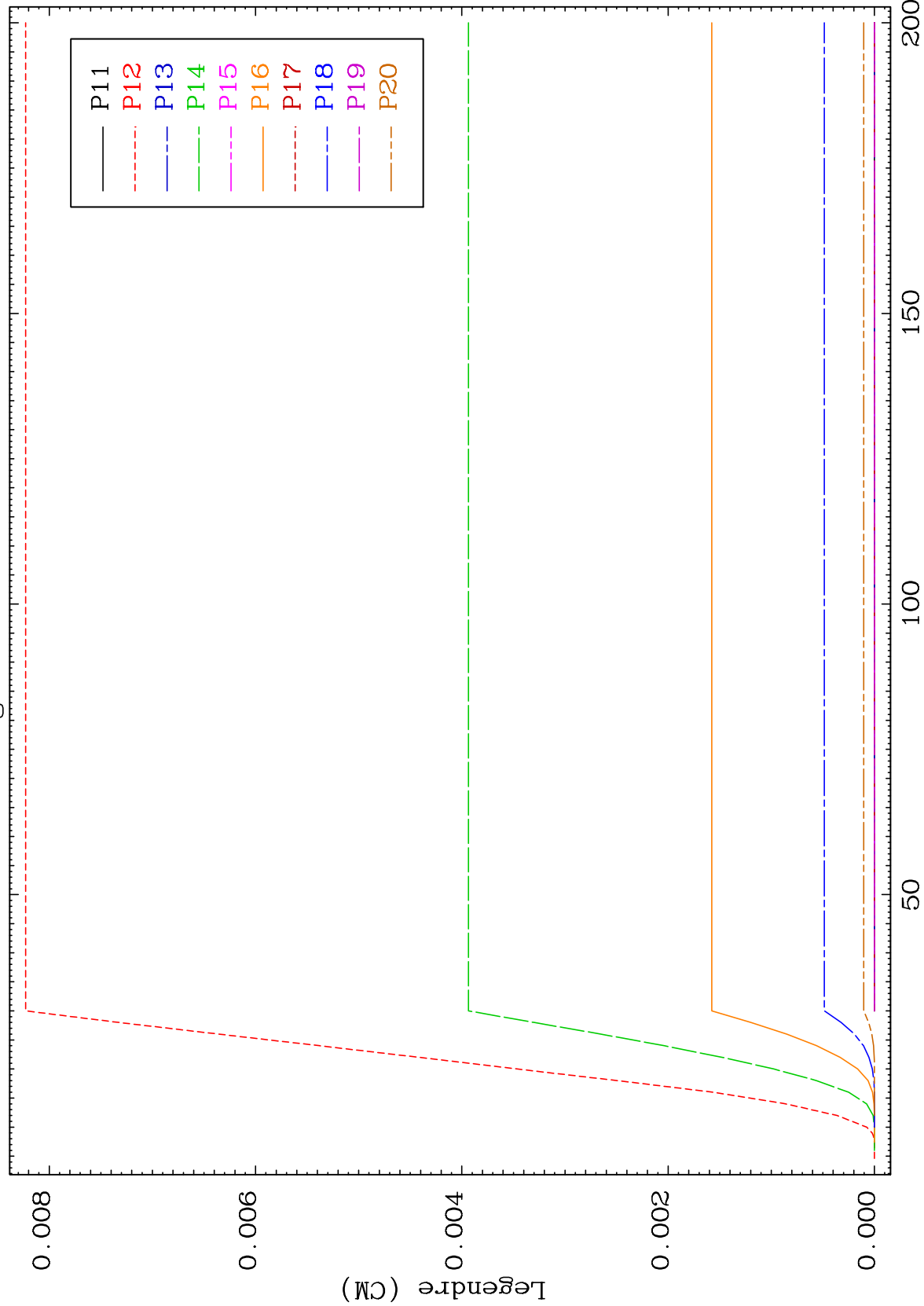




MAT 8137

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

81-T1-207



87

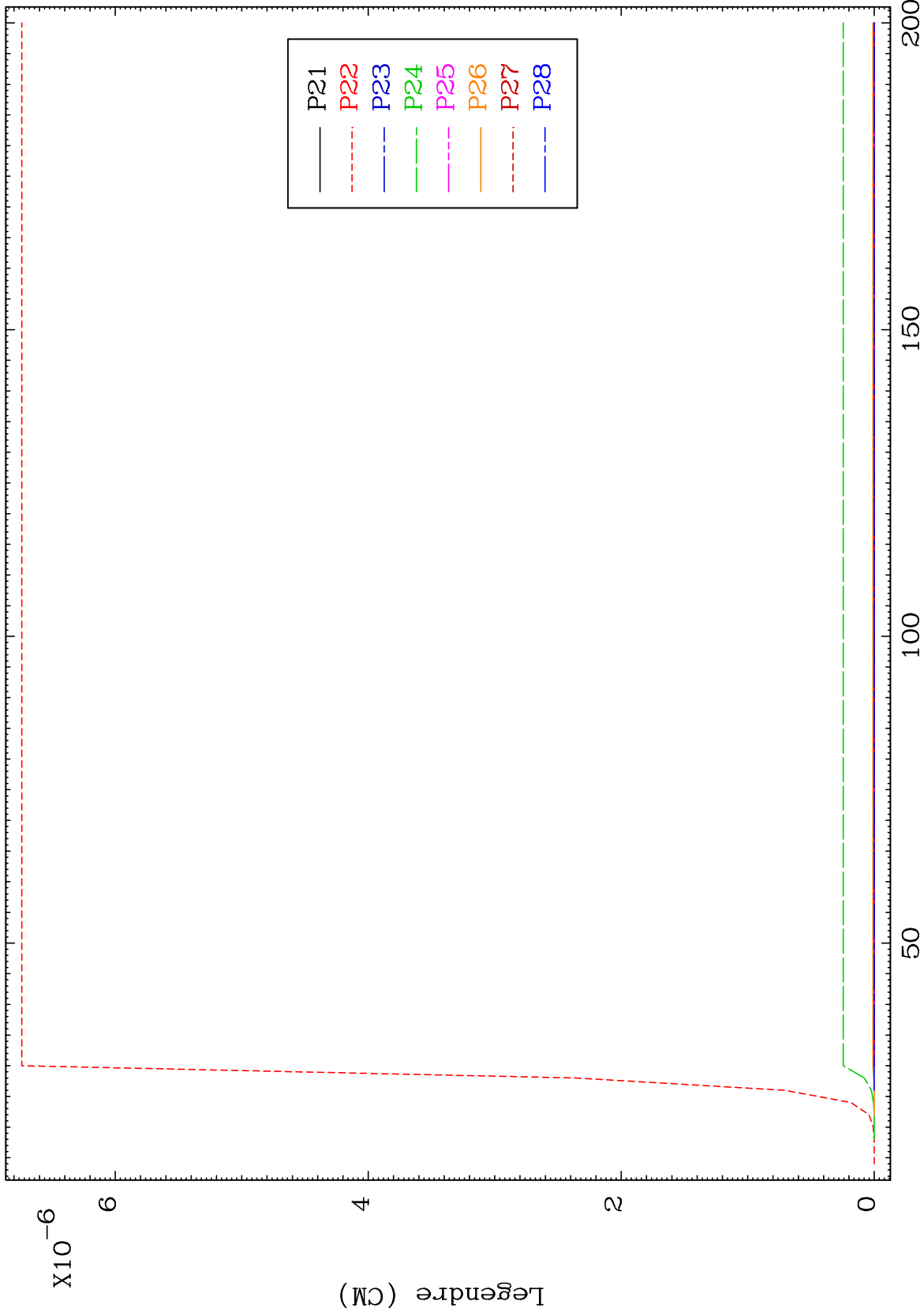
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



88

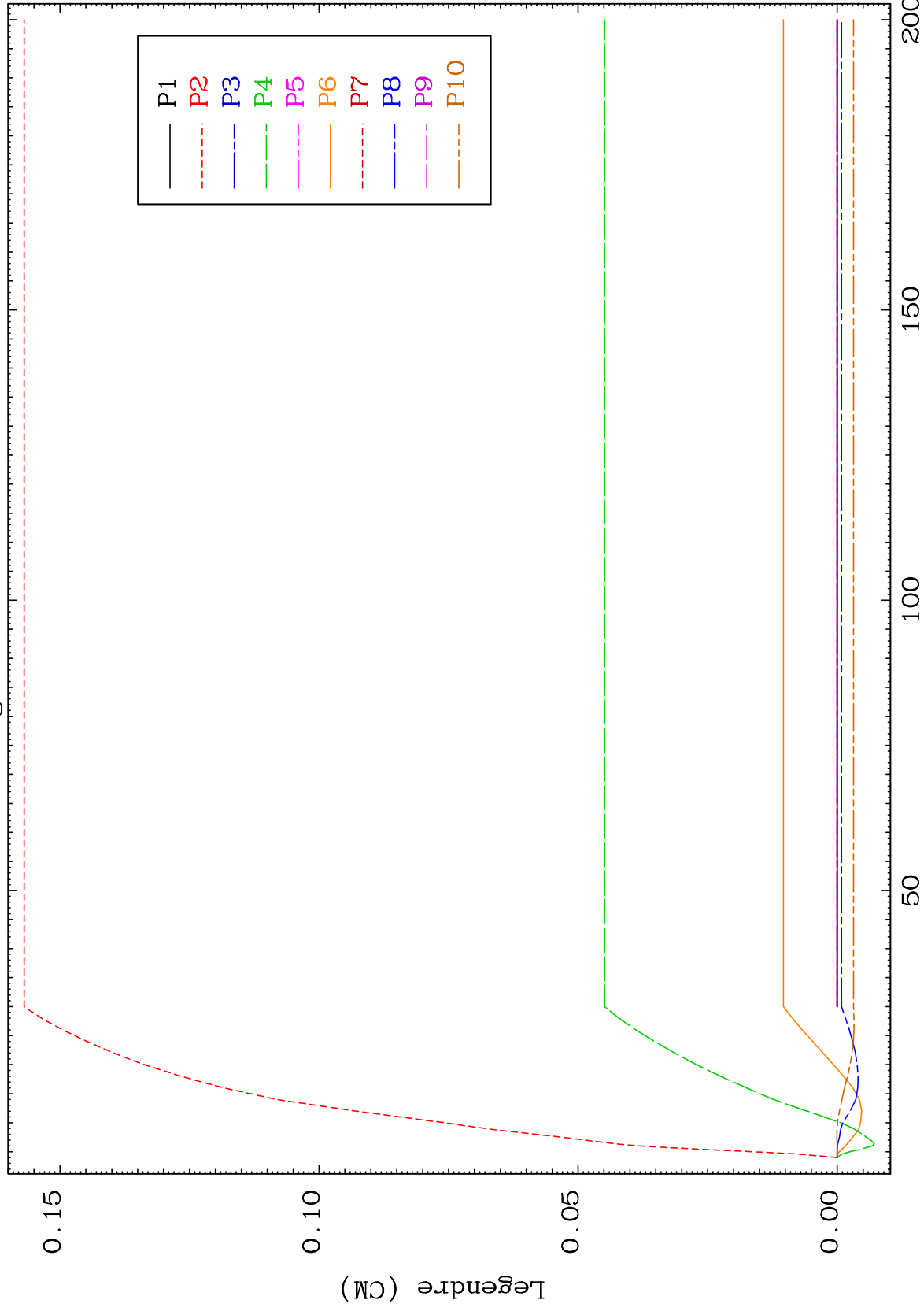
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



89

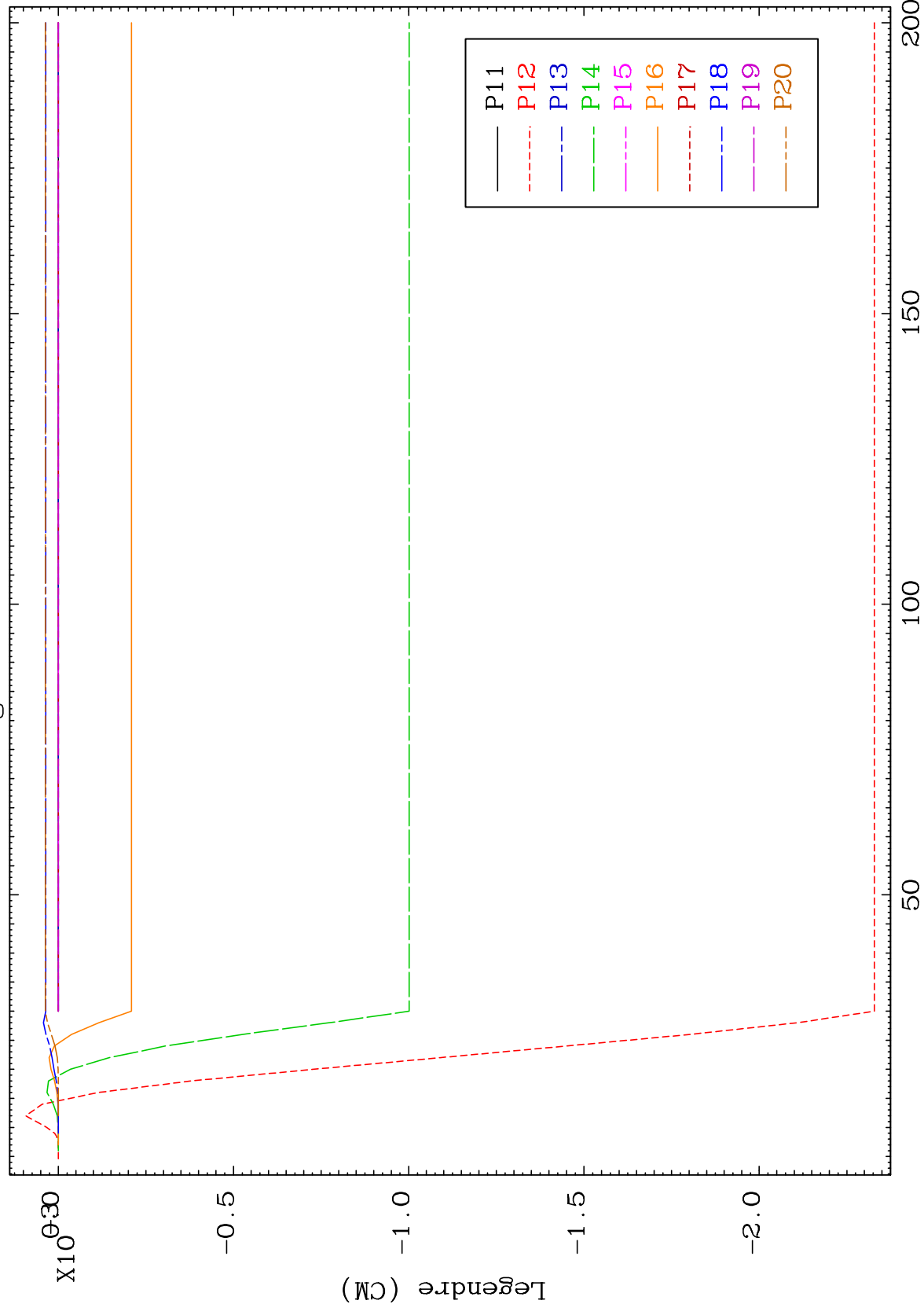
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



90

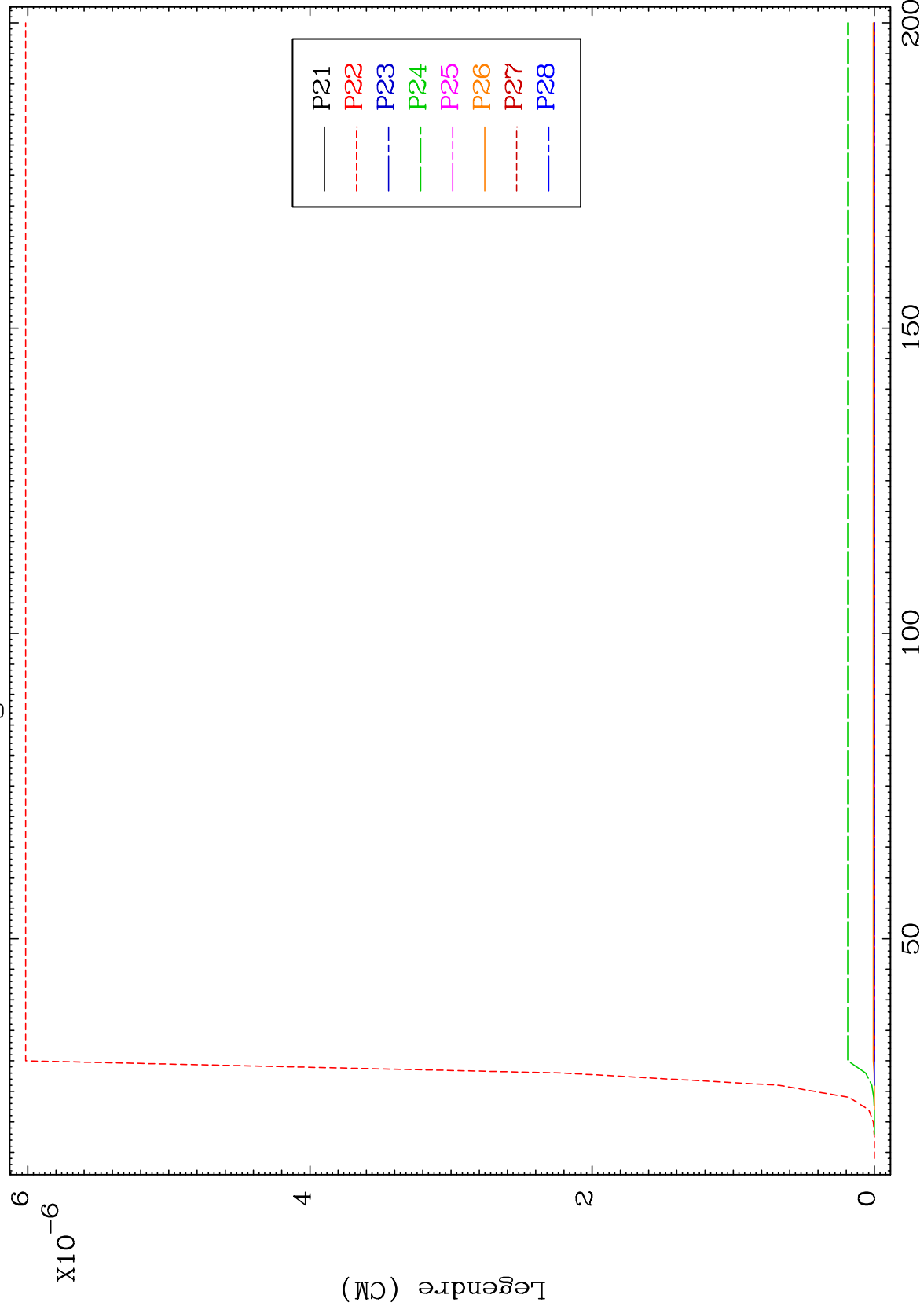
Incident Energy (MeV)

81-T1-207

MAT 8137

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

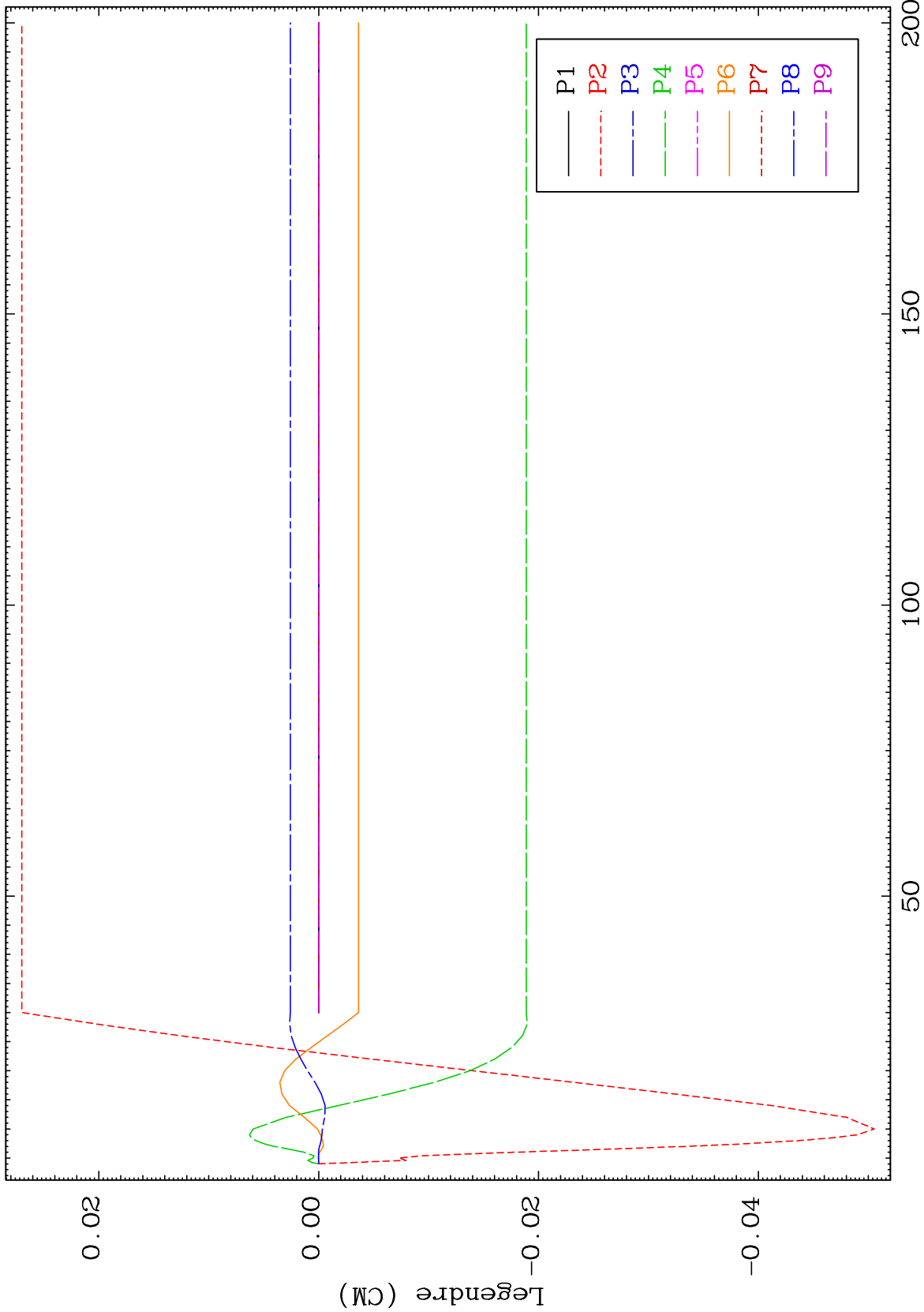
81-T1-207

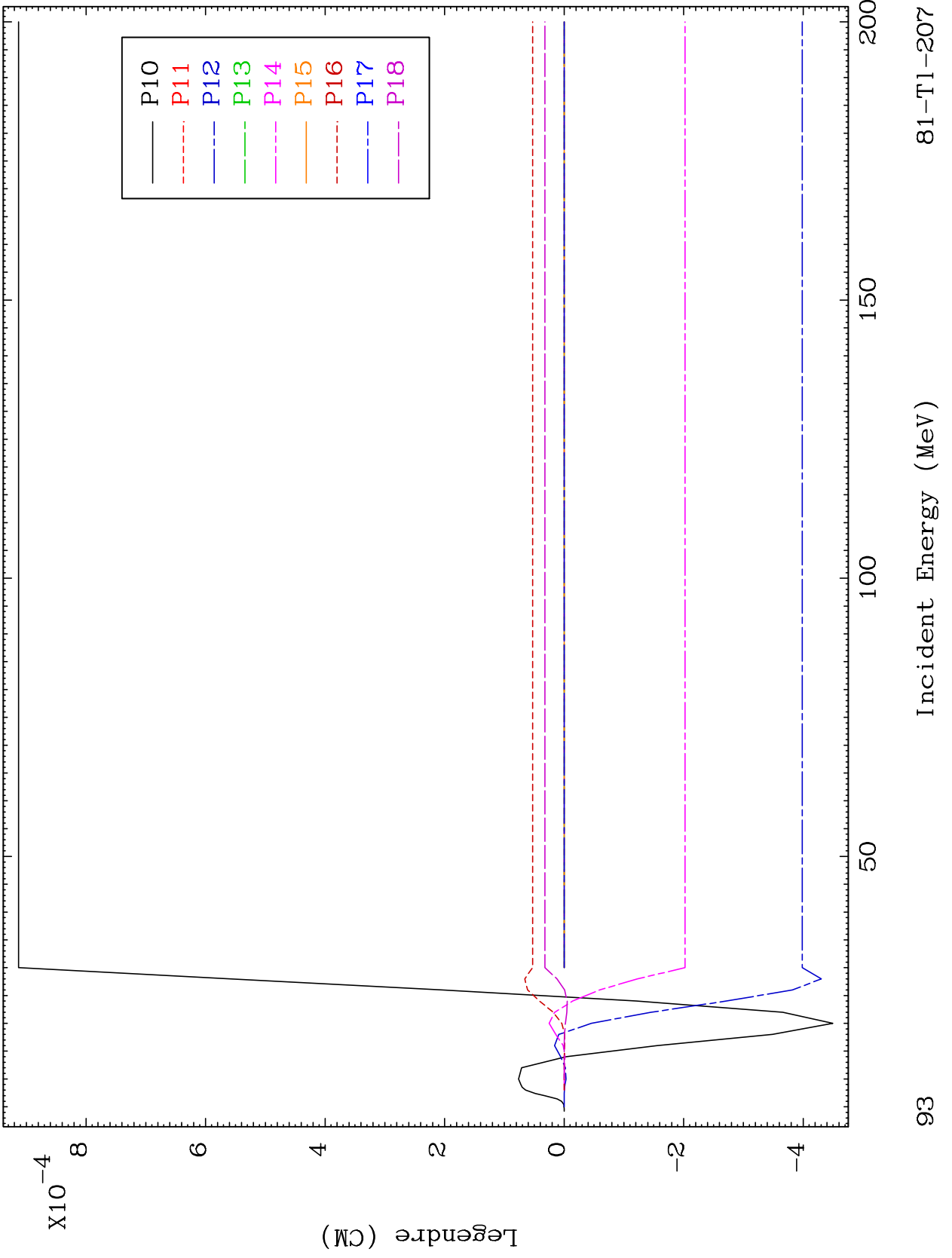


91

Incident Energy (MeV)

81-T1-207

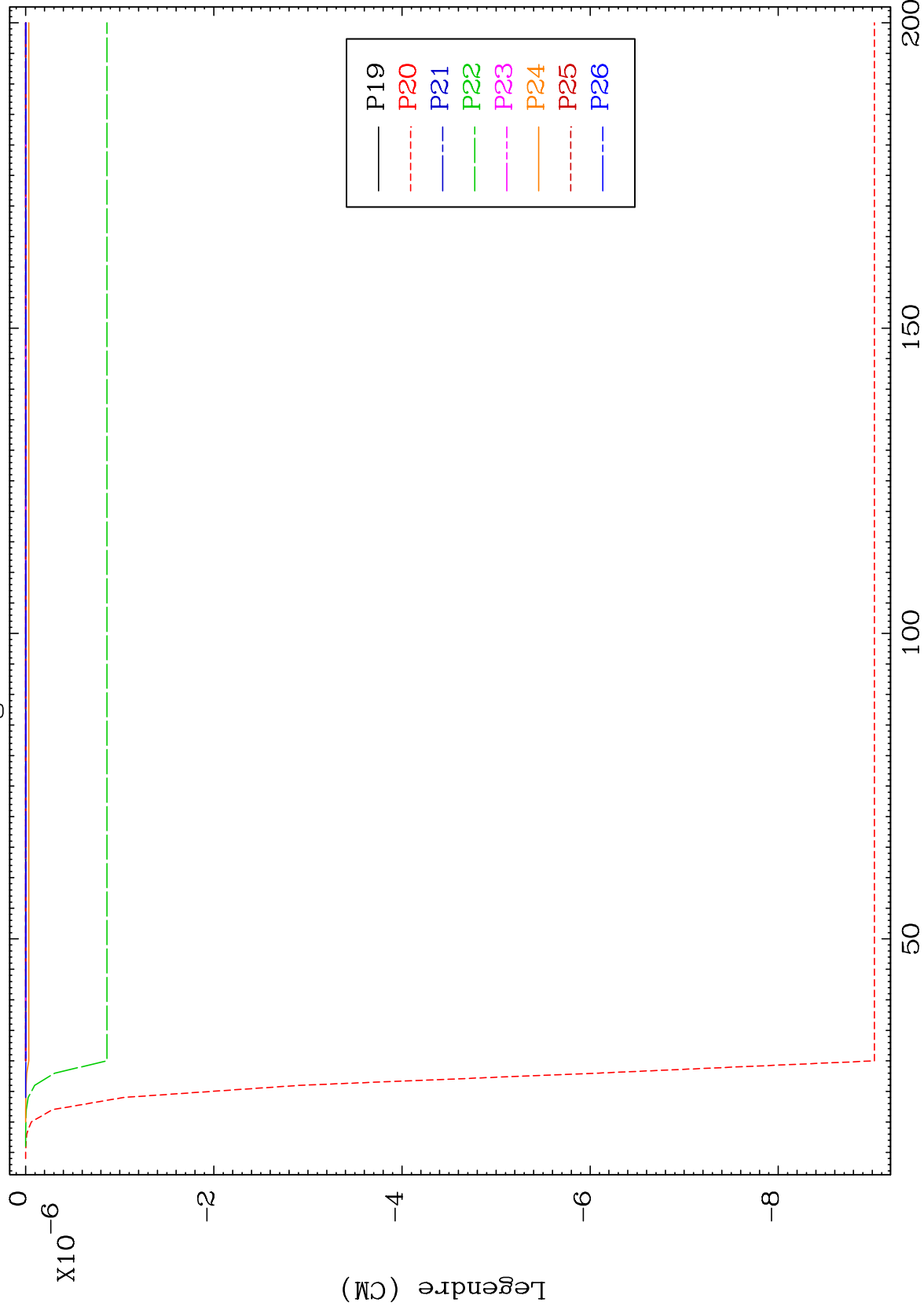




MAT 8137

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

81-T1-207



94

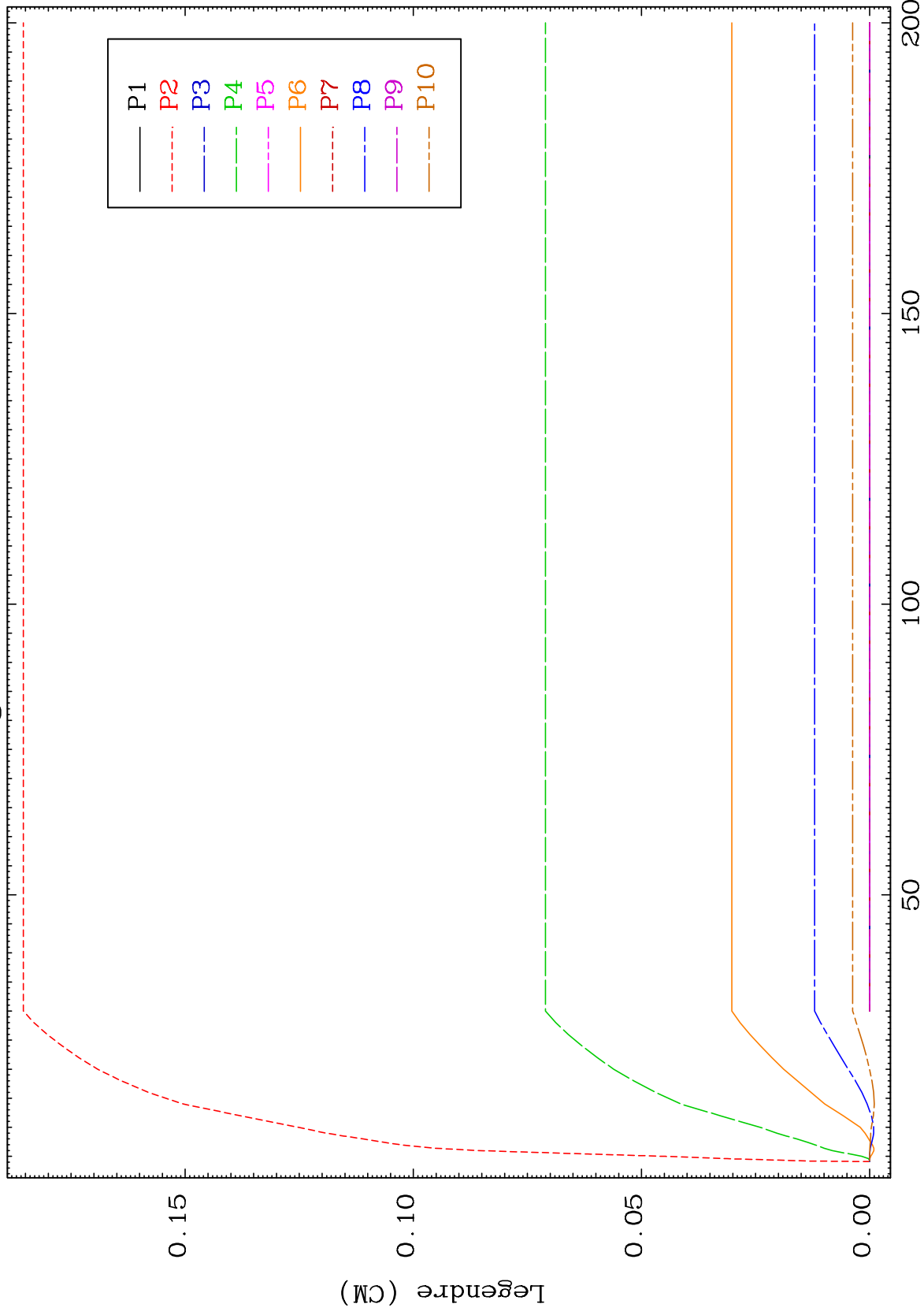
Incident Energy (MeV)

81-T1-207

MAT 8137

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

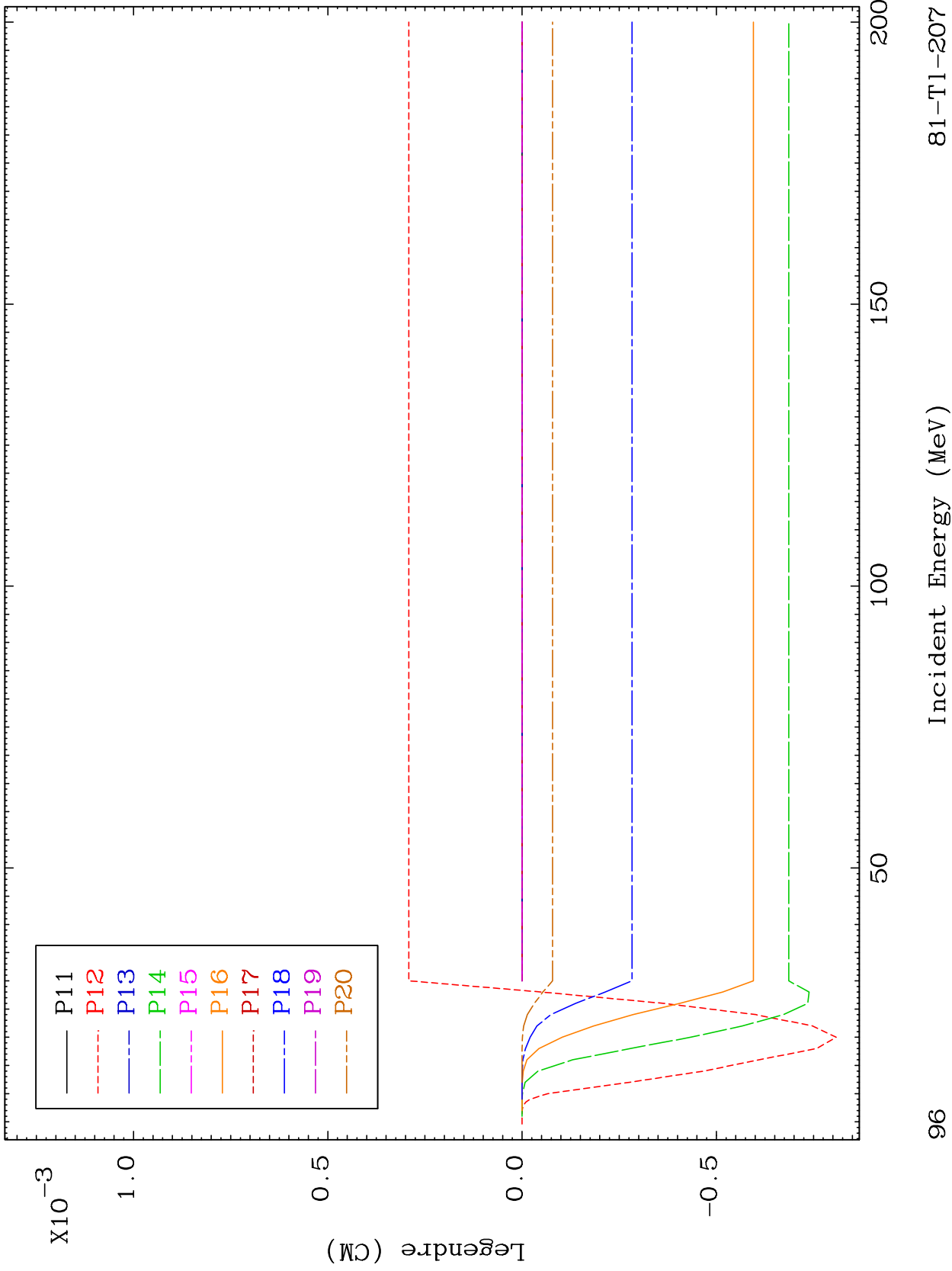
81-T1-207



95

Incident Energy (MeV)

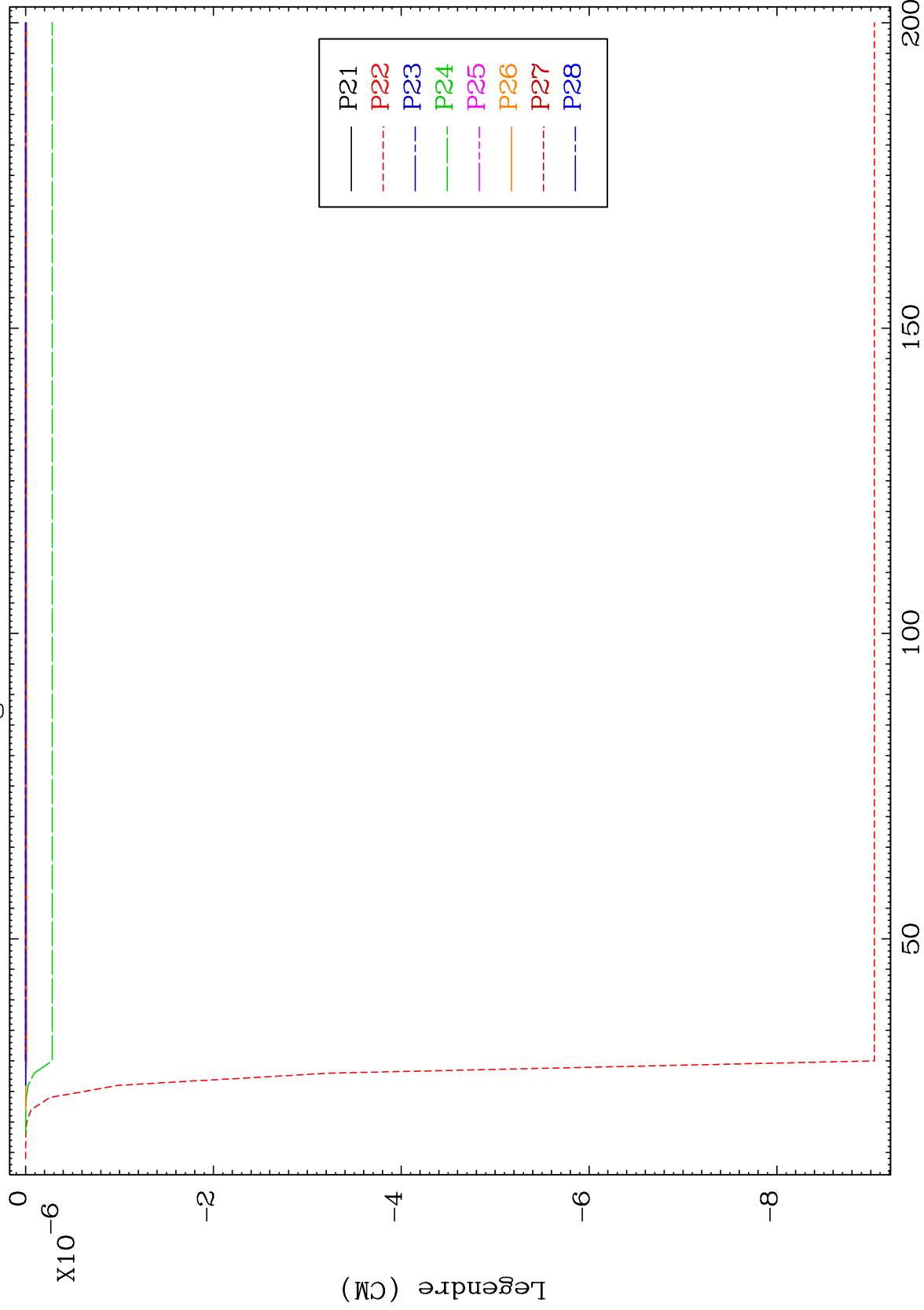
81-T1-207



MAT 8137

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

81-T1-207



97

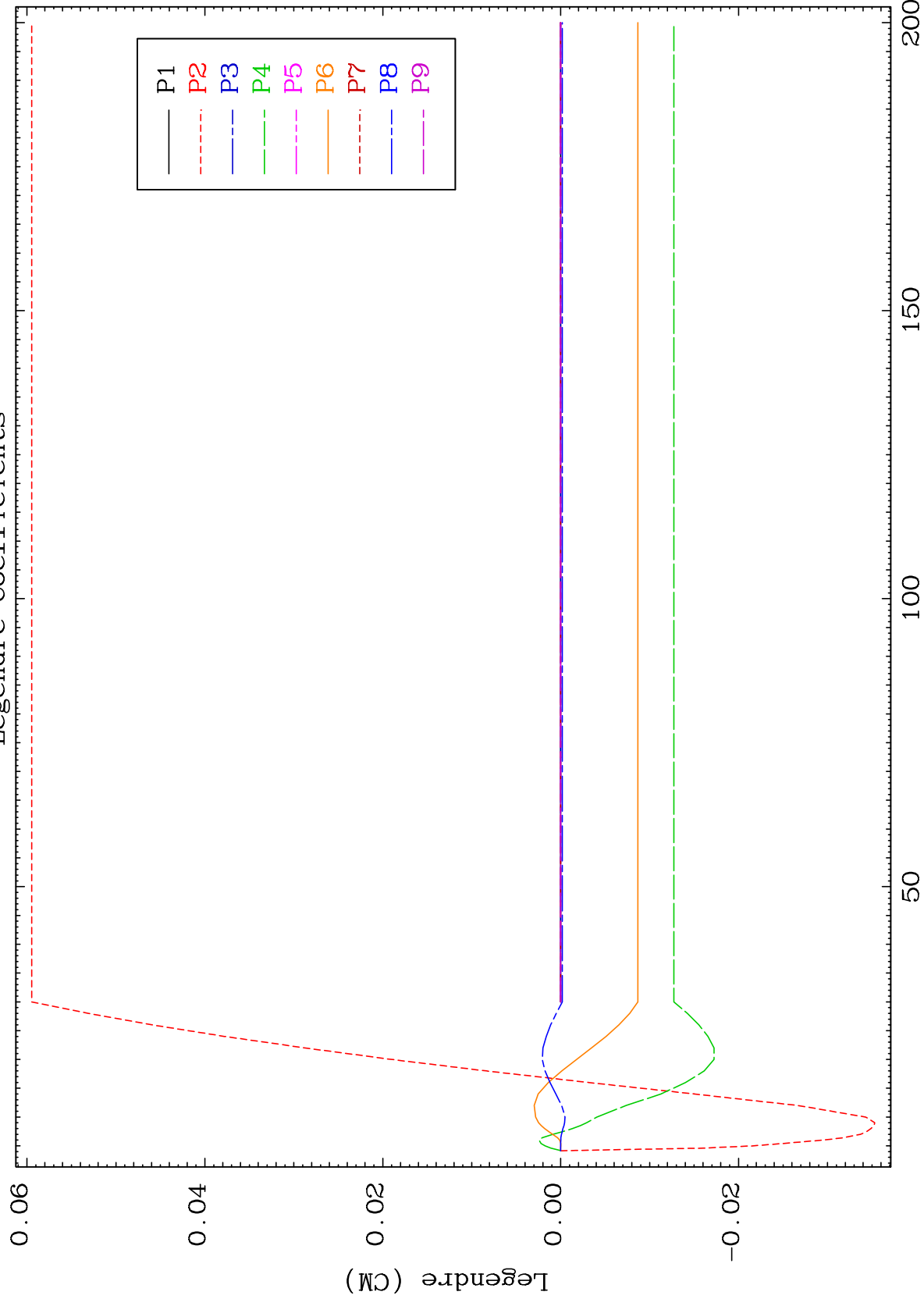
Incident Energy (MeV)

81-T1-207

MAT 8137

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

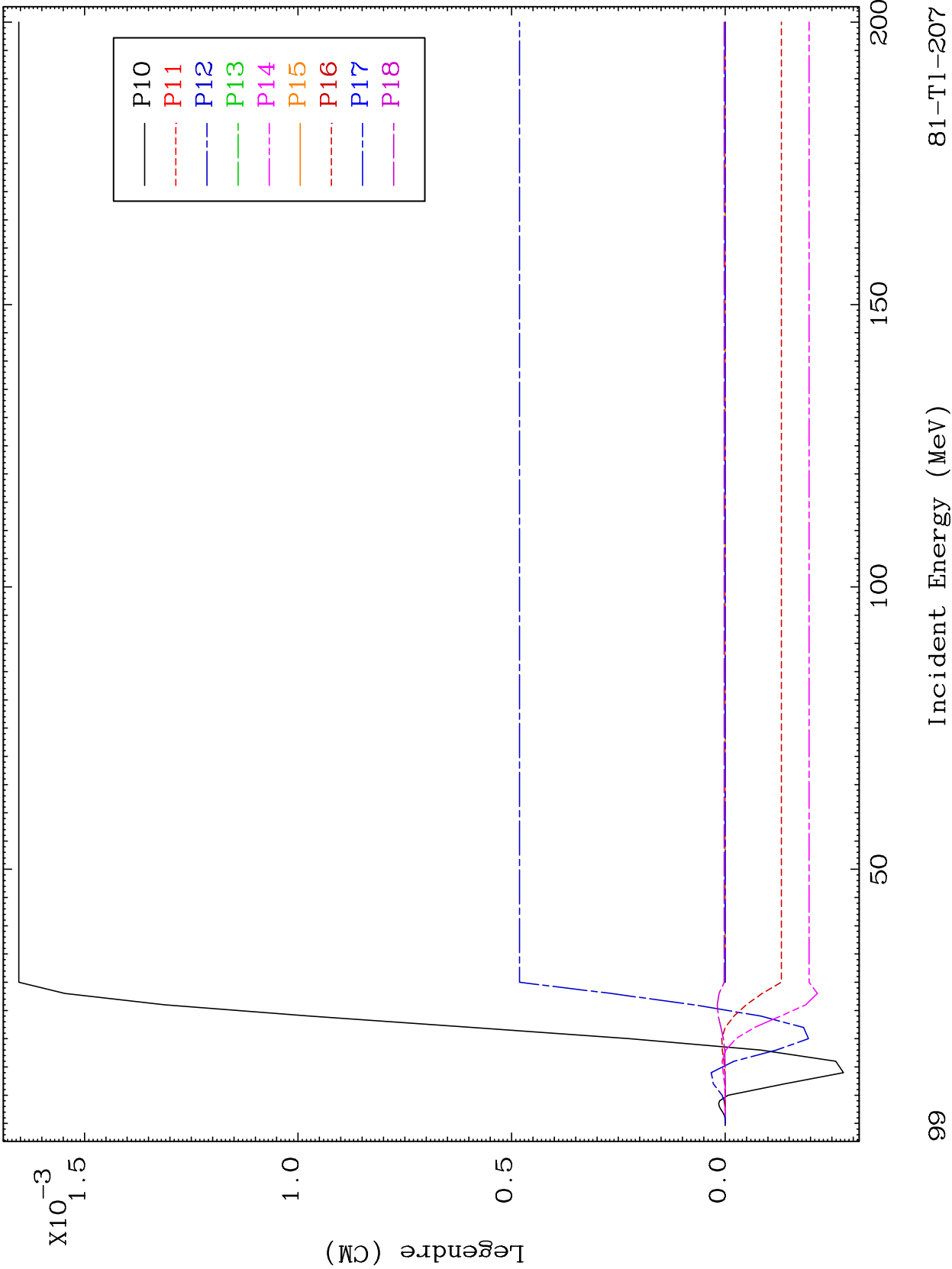
81-T1-207



98

Incident Energy (MeV)

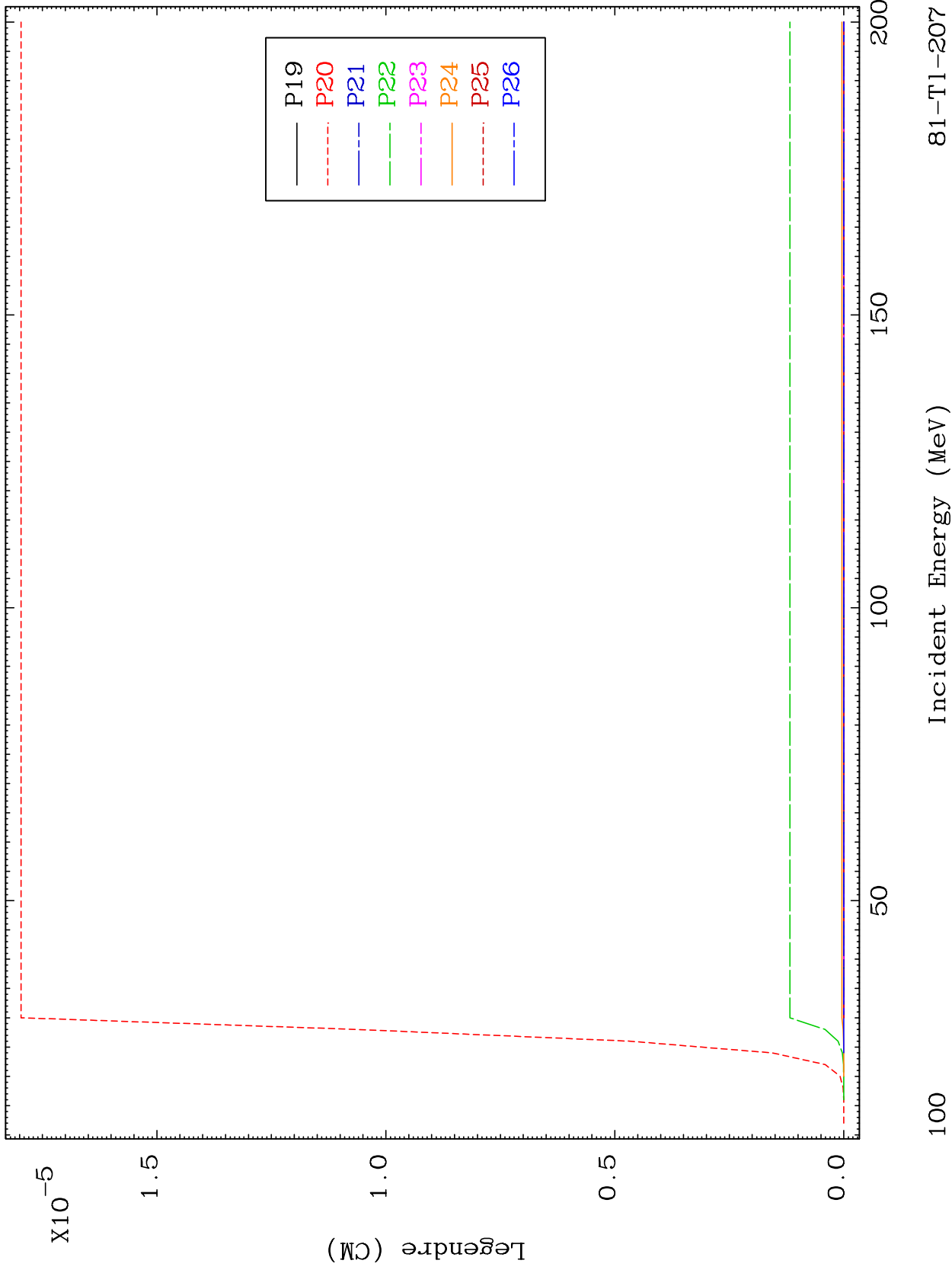
81-T1-207



MAT 8137

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

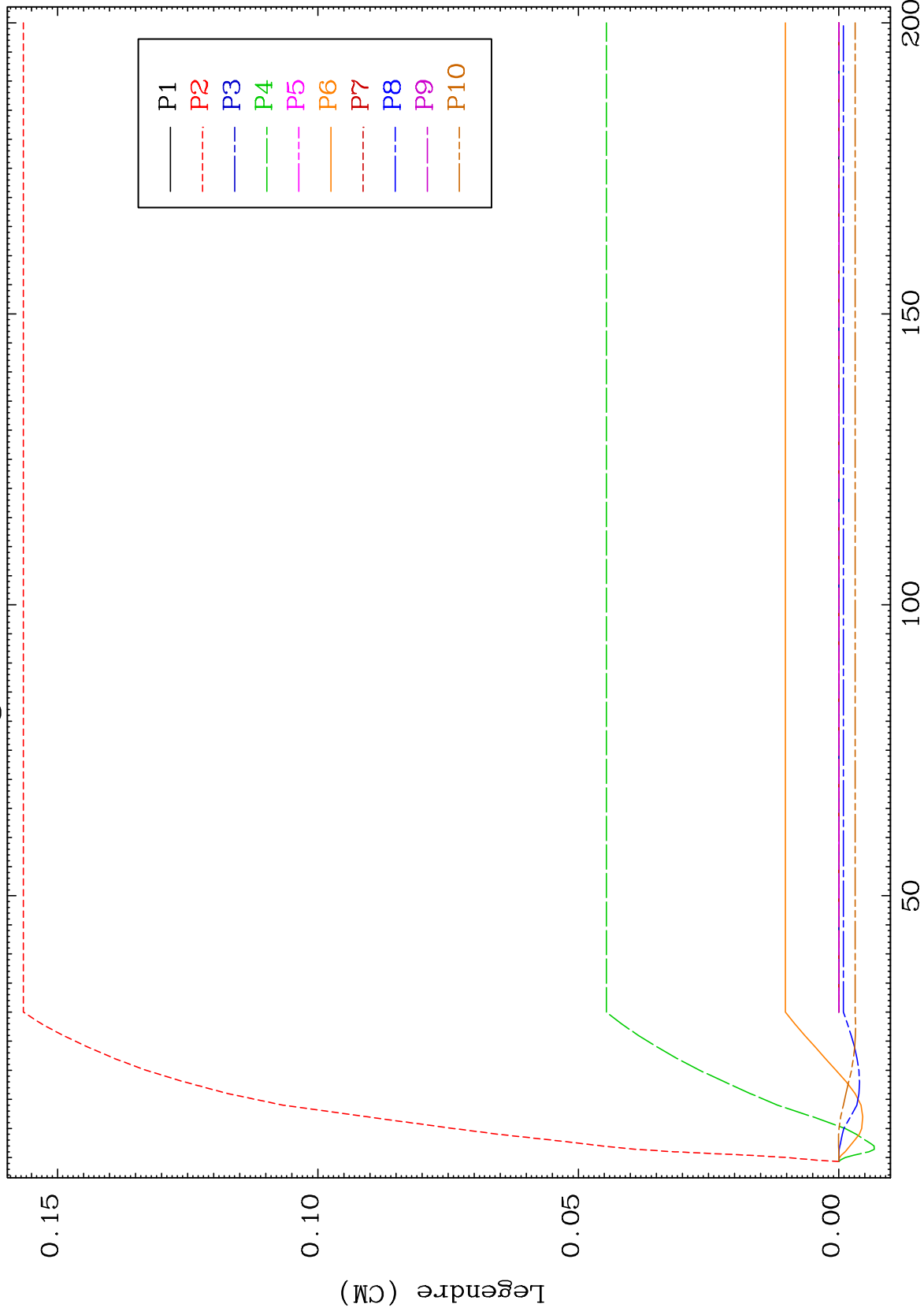
81-T1-207



MAT 8137

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

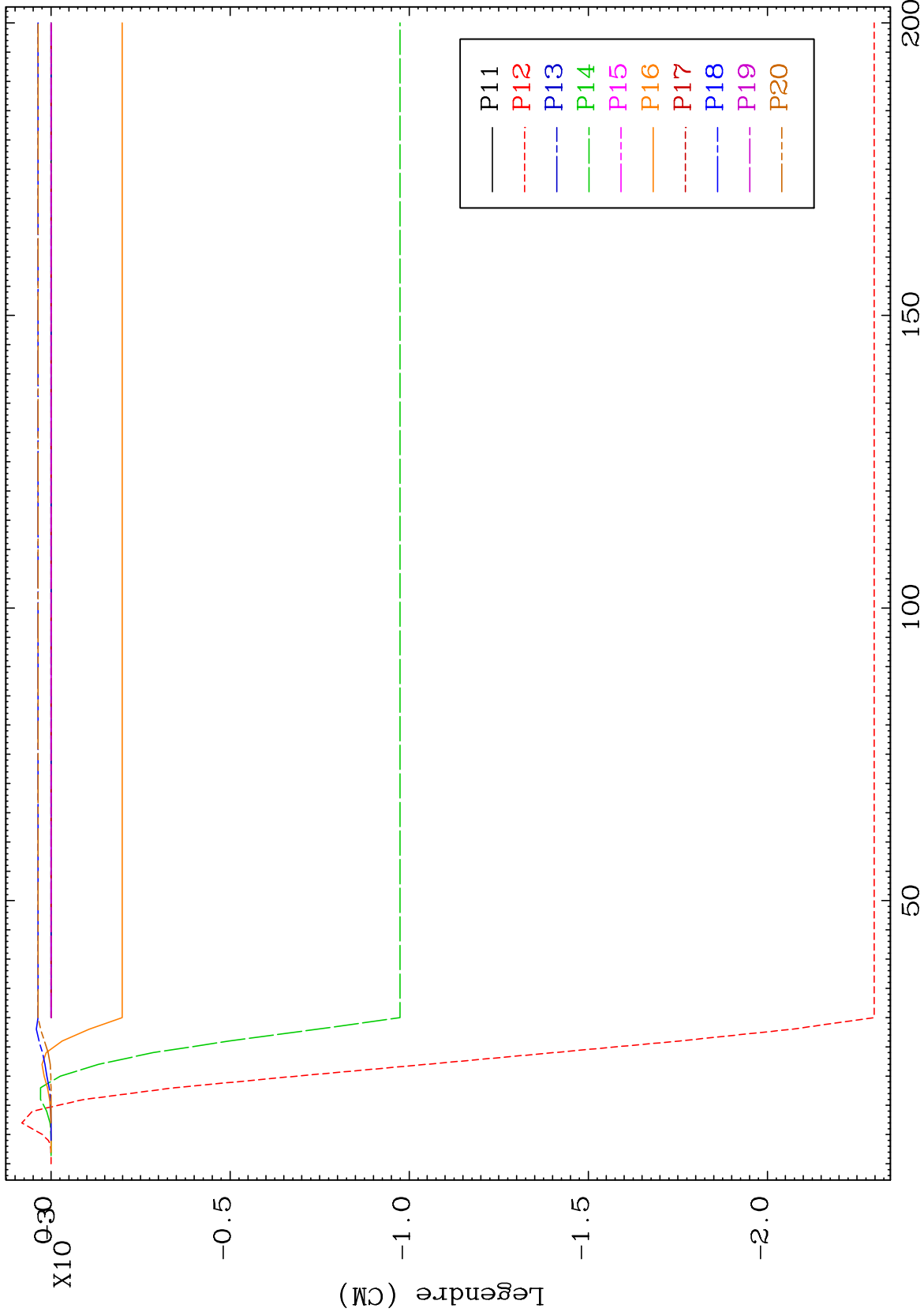
81-T1-207



101

Incident Energy (MeV)

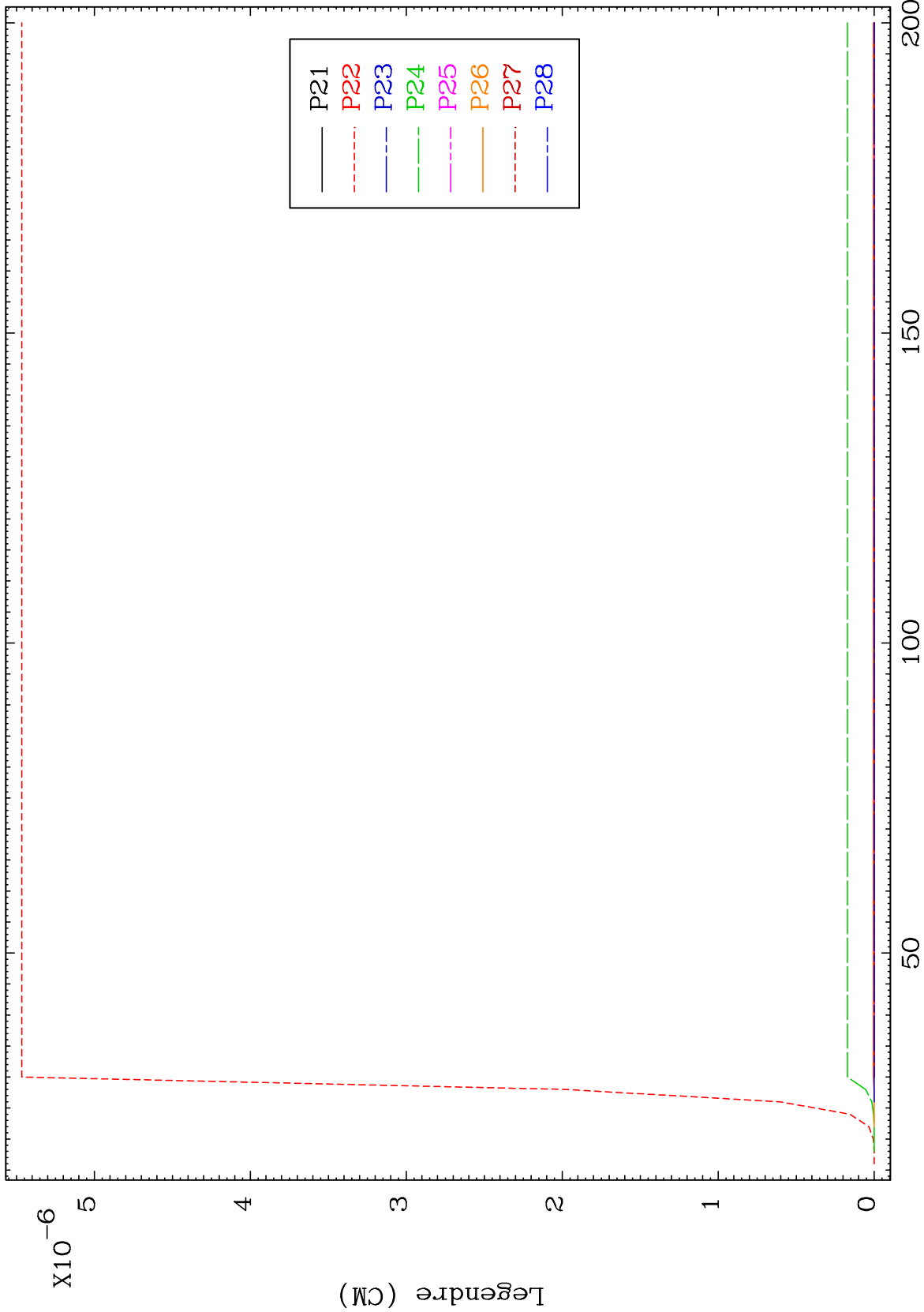
81-T1-207



MAT 8137

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

81-T1-207



103

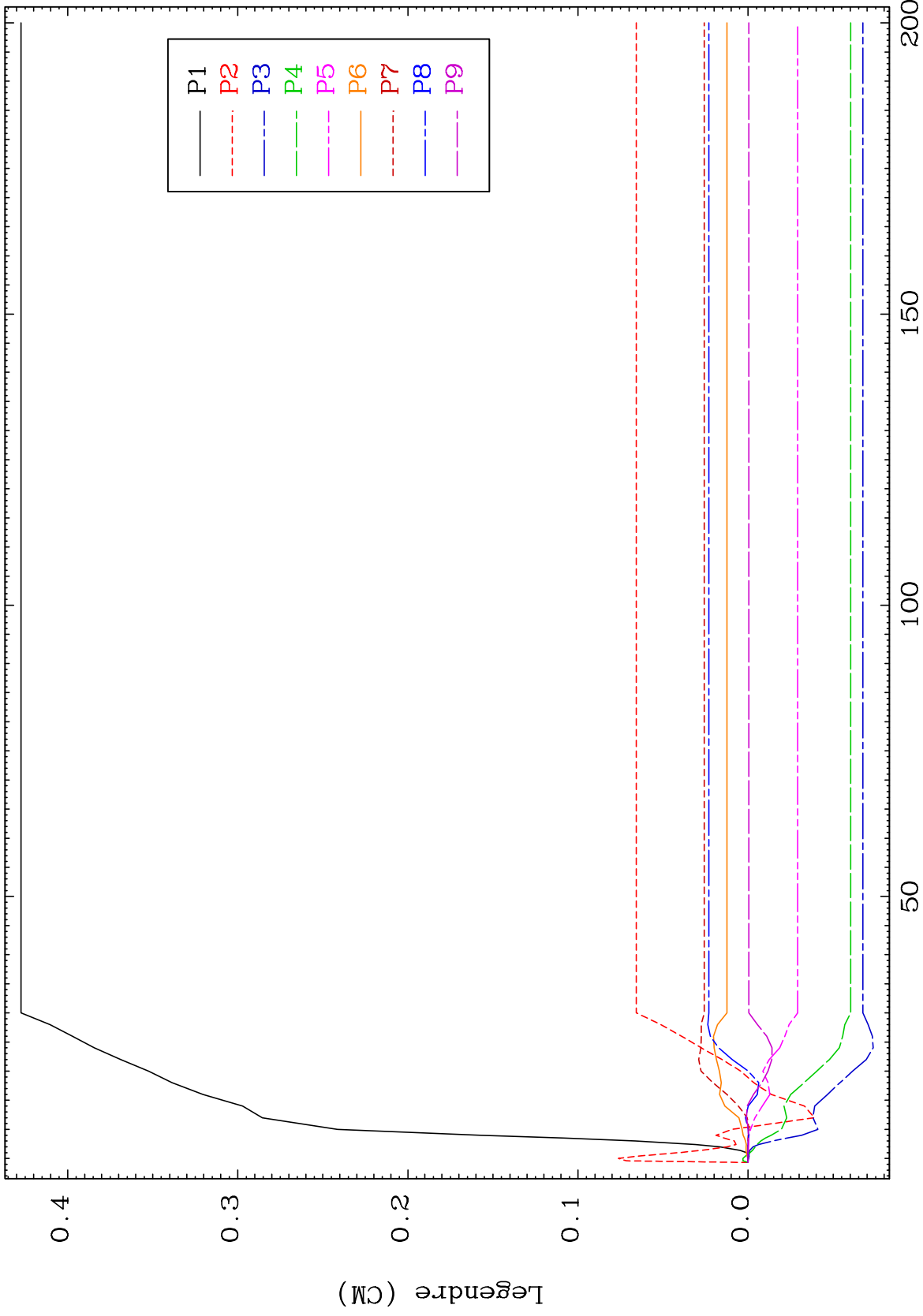
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



104

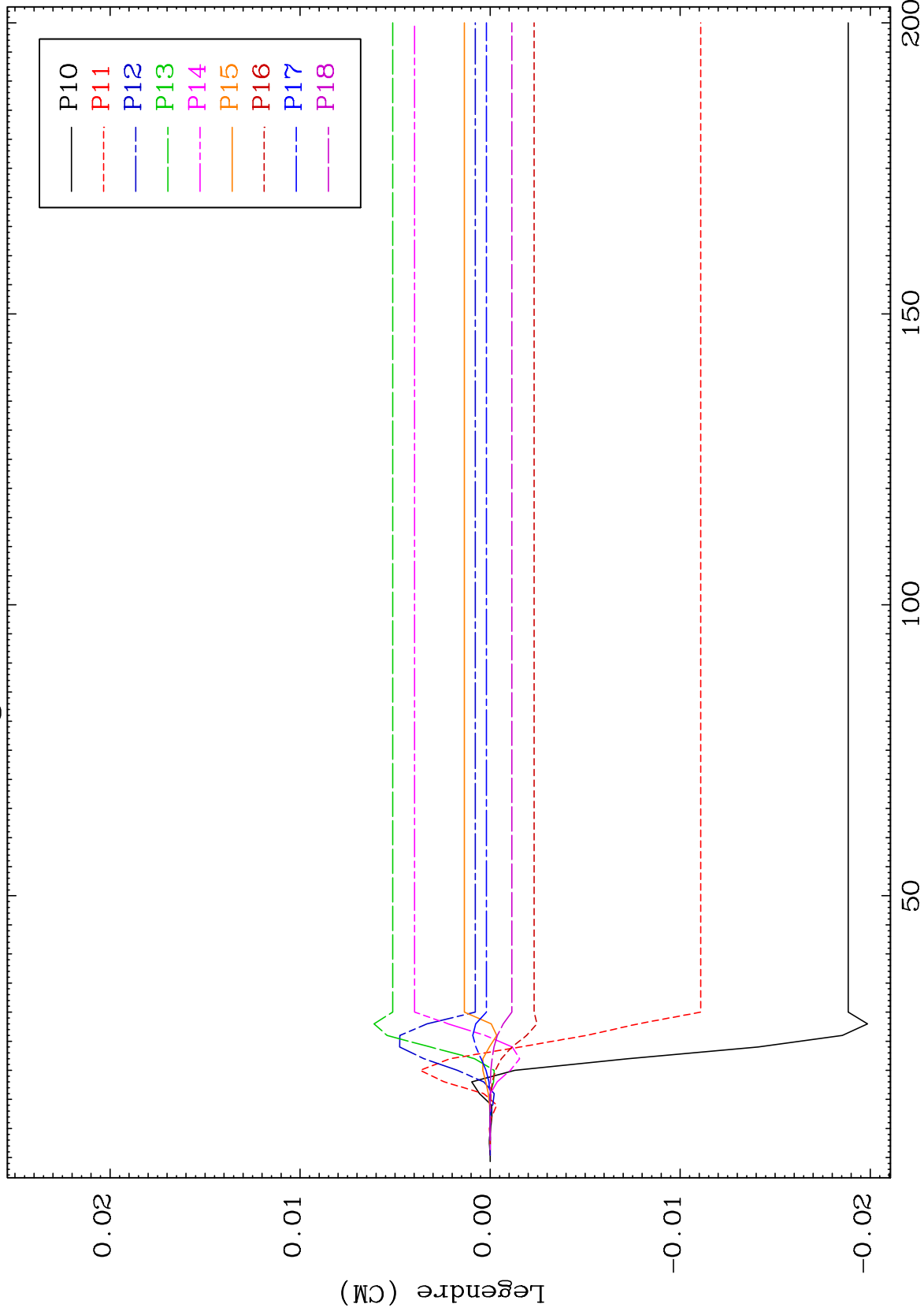
Incident Energy (MeV)

81-T1-207

MAT 8137

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

81-T1-207



105

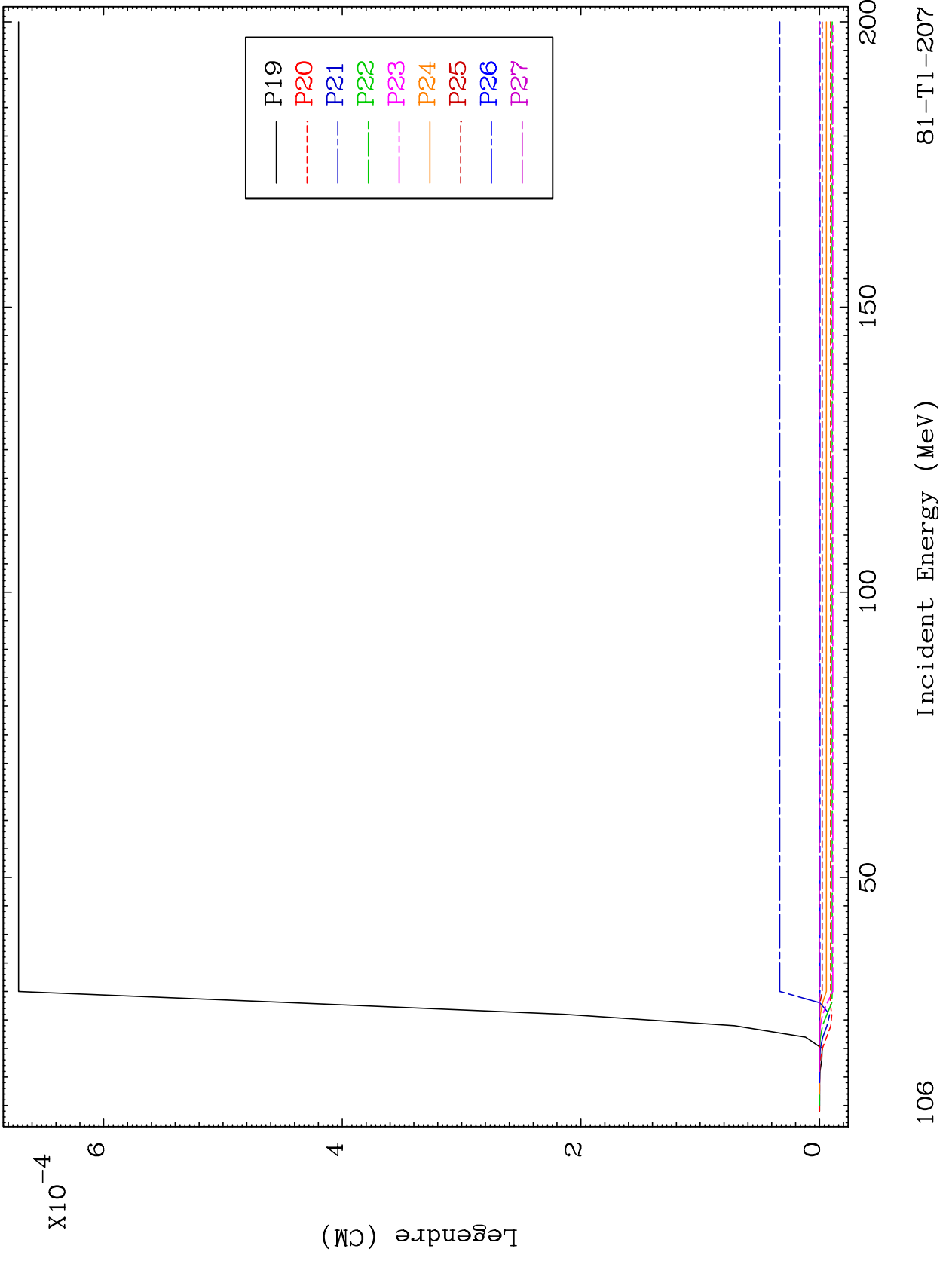
Incident Energy (MeV)

81-T1-207

MAT 8137

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

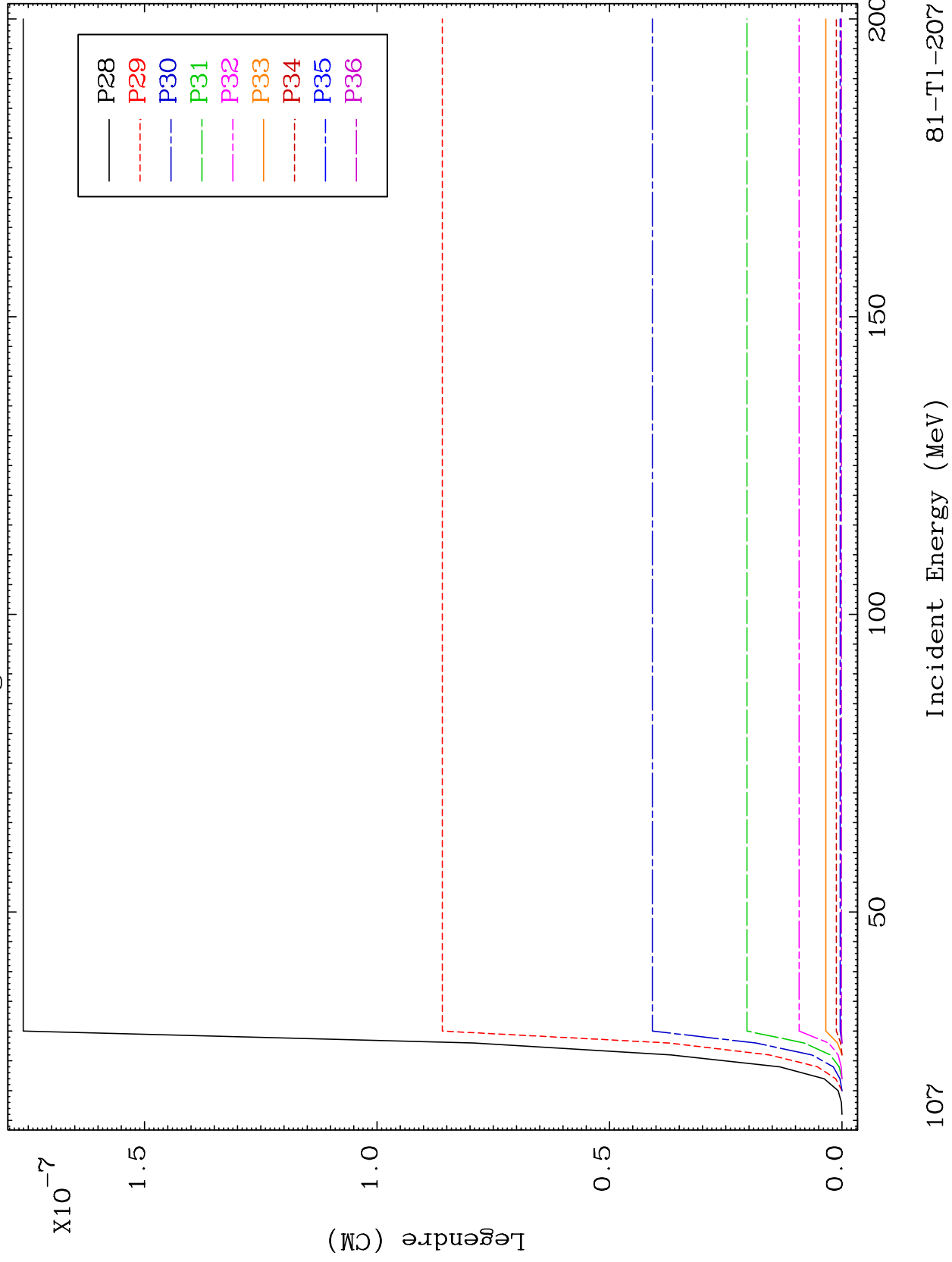
81-T1-207



MAT 8137

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

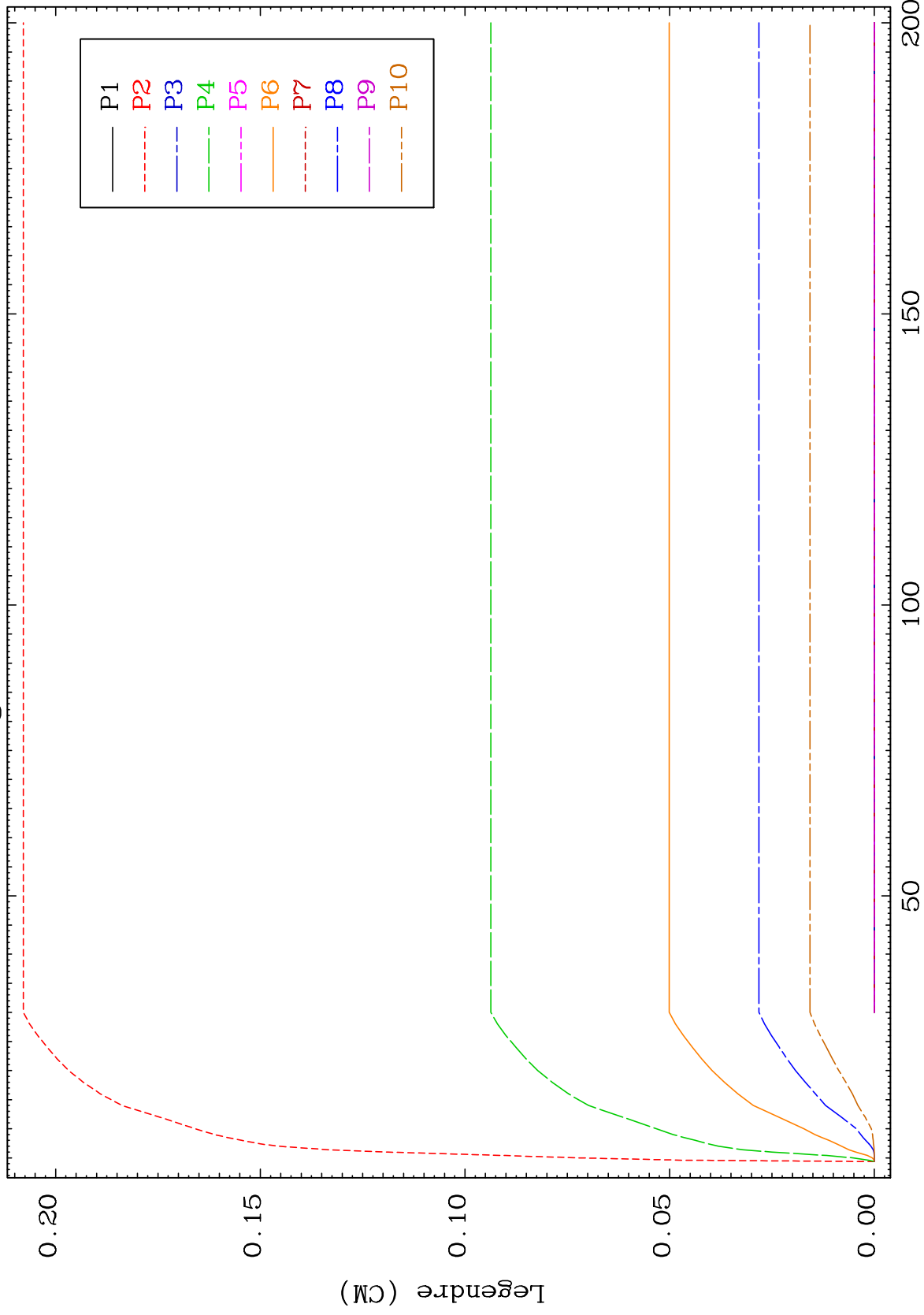
81-T1-207



MAT 8137

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

81-T1-207



108

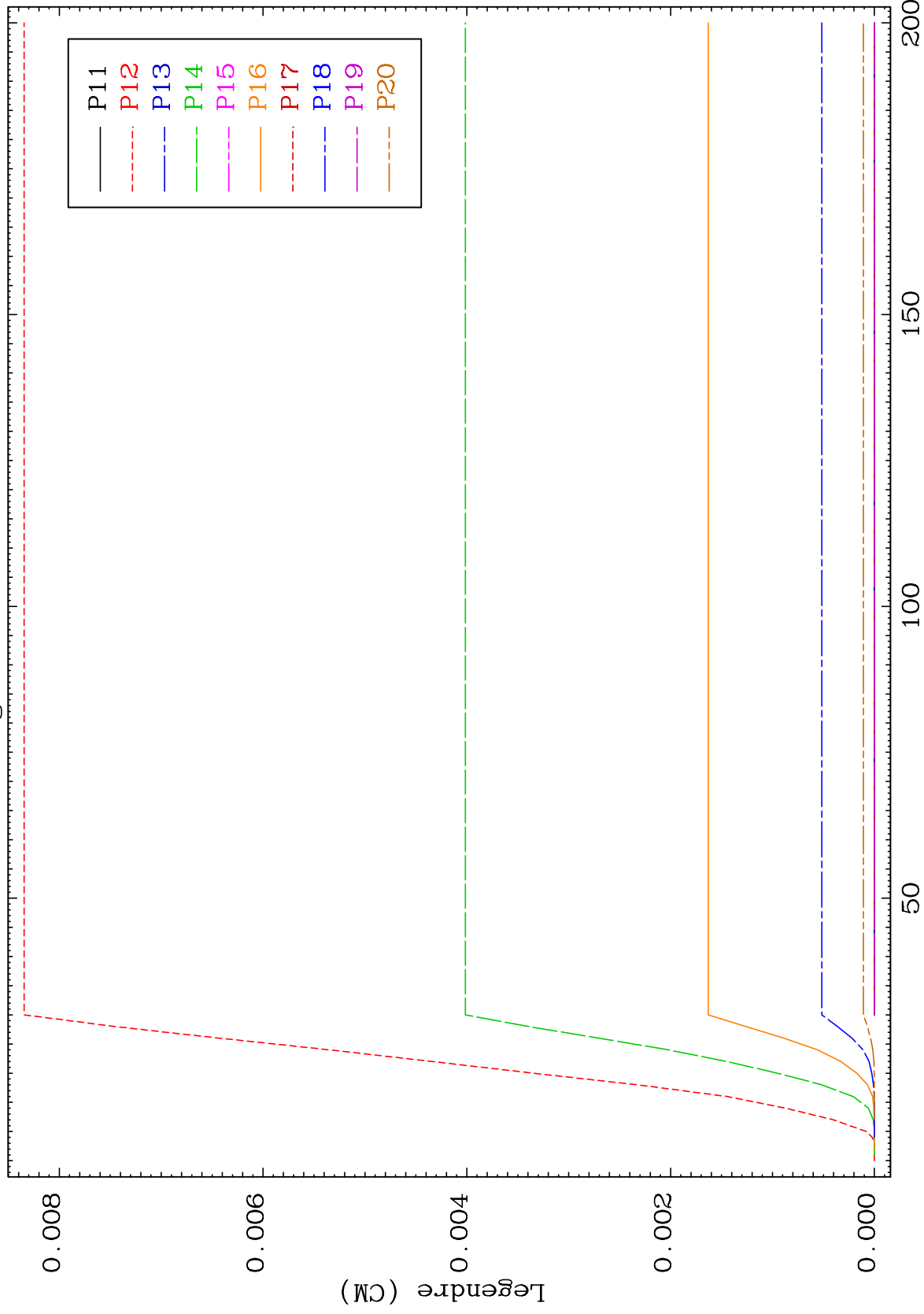
Incident Energy (MeV)

81-T1-207

MAT 8137

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

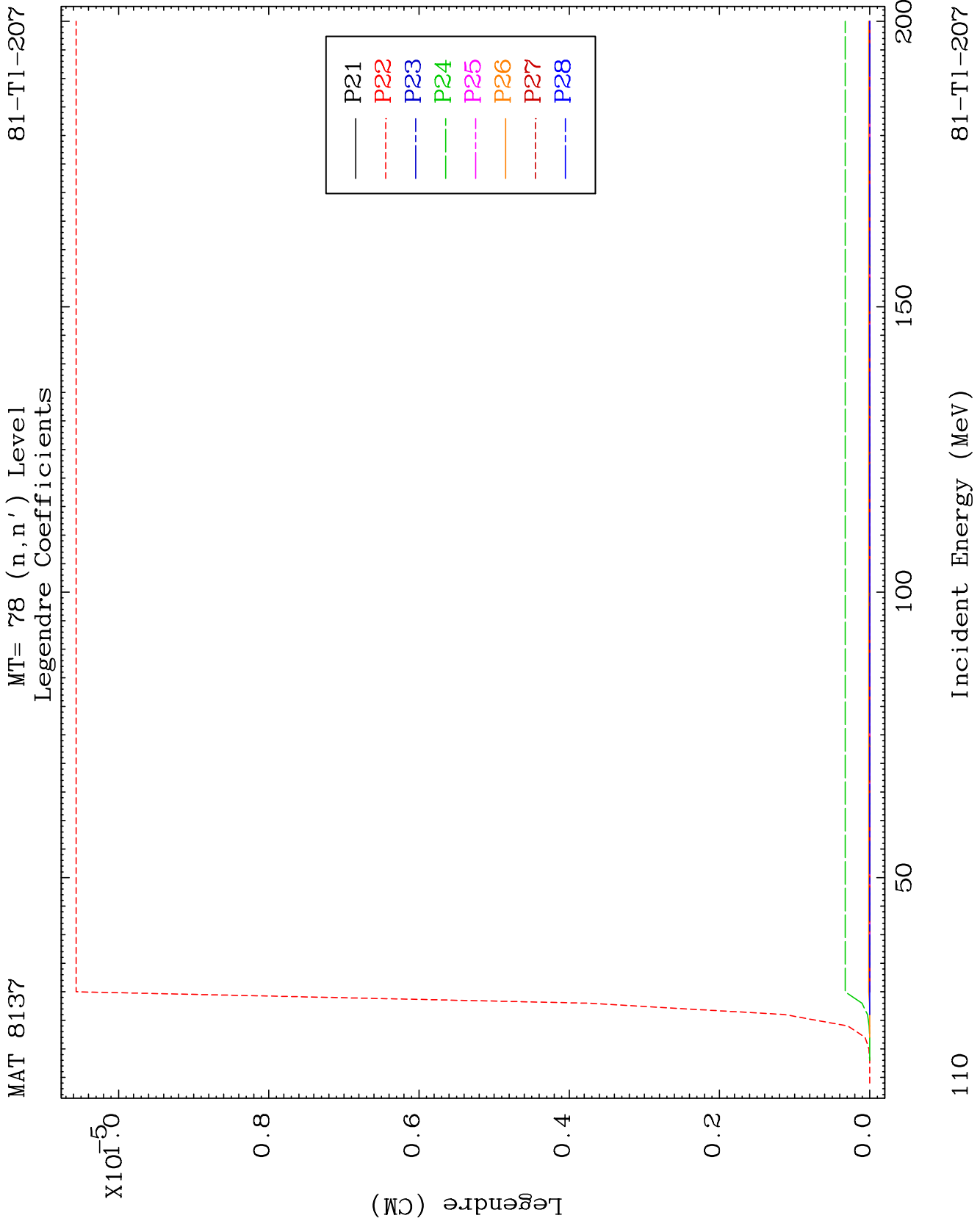
81-T1-207



109

Incident Energy (MeV)

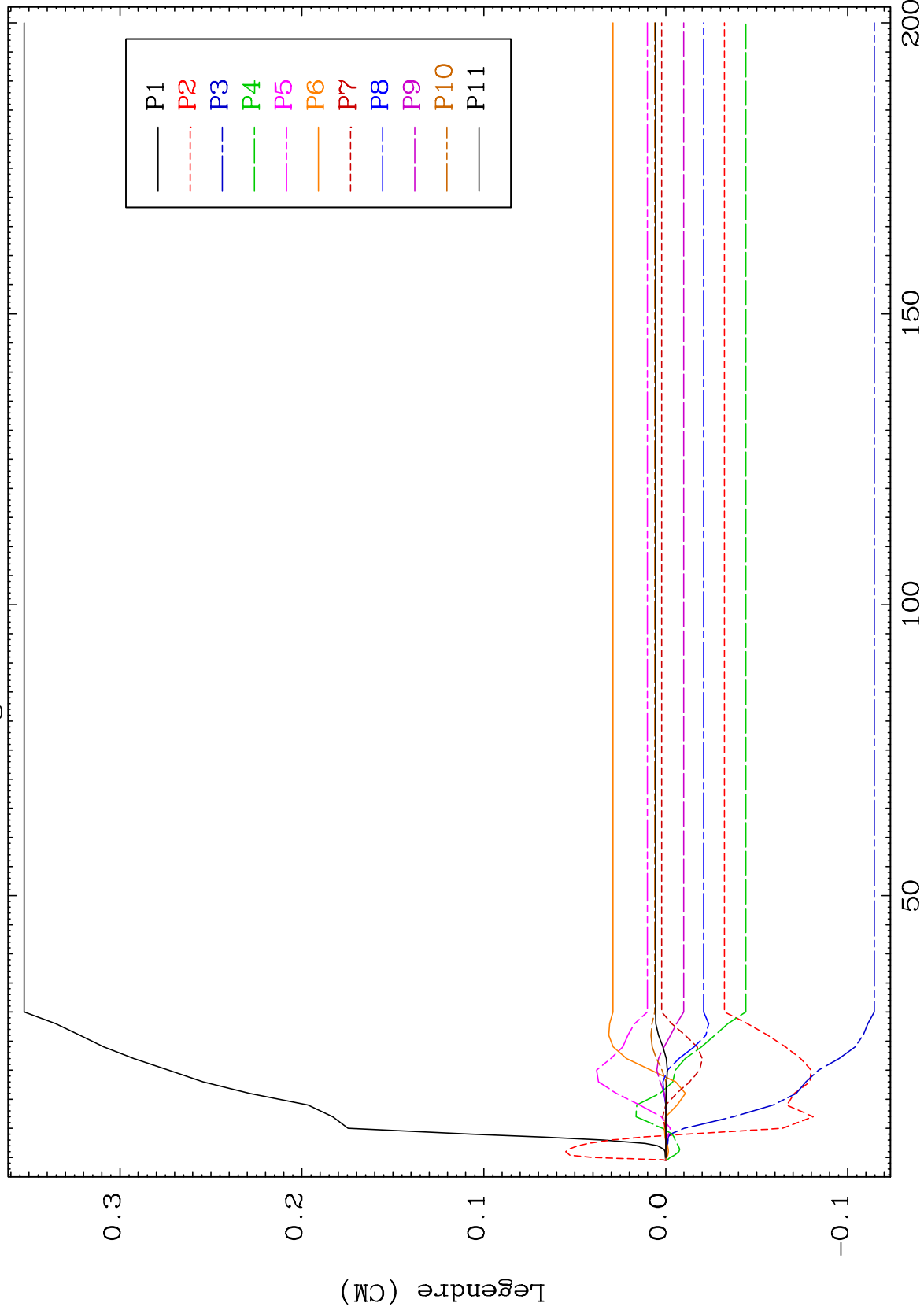
81-T1-207



MAT 8137

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

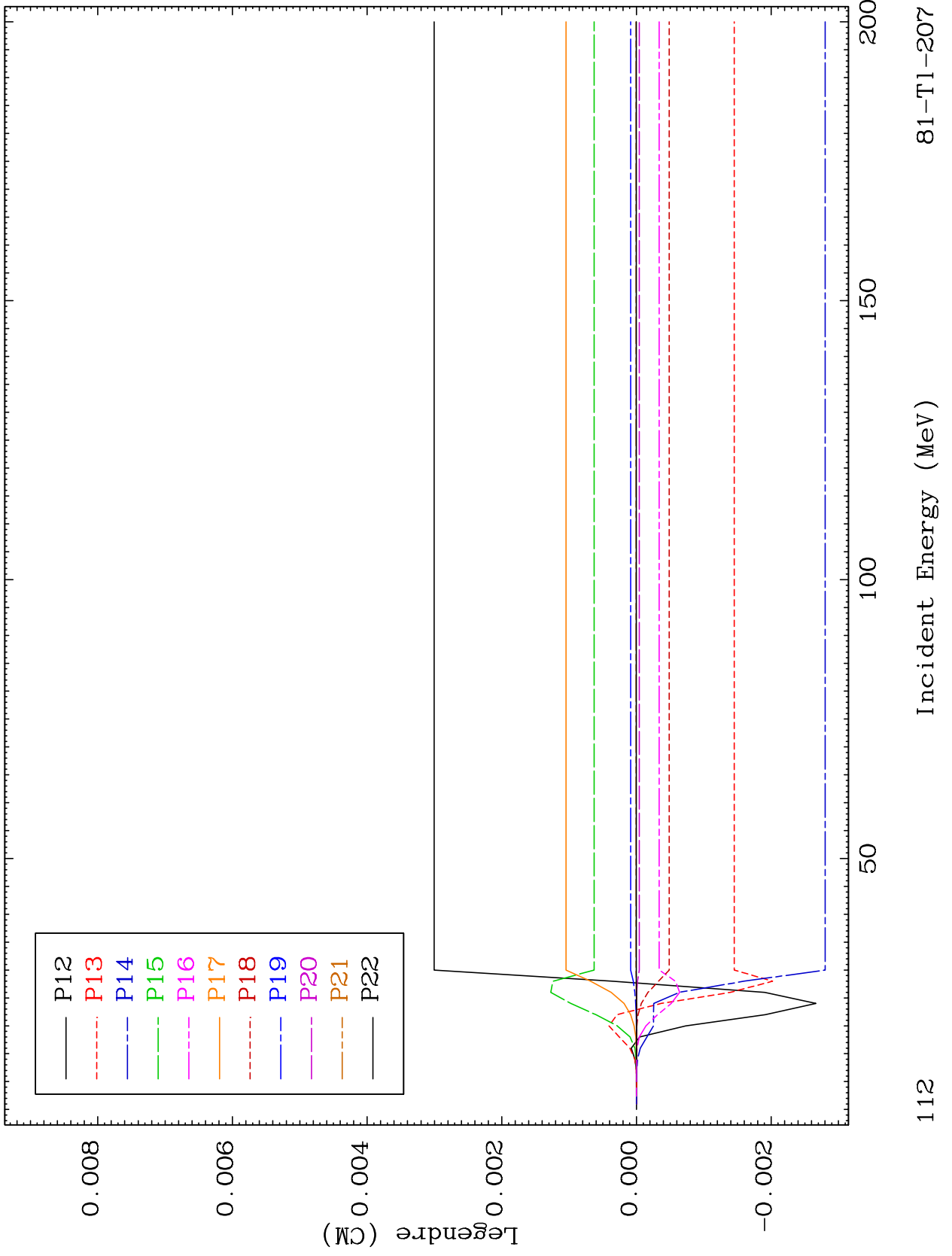
81-T1-207

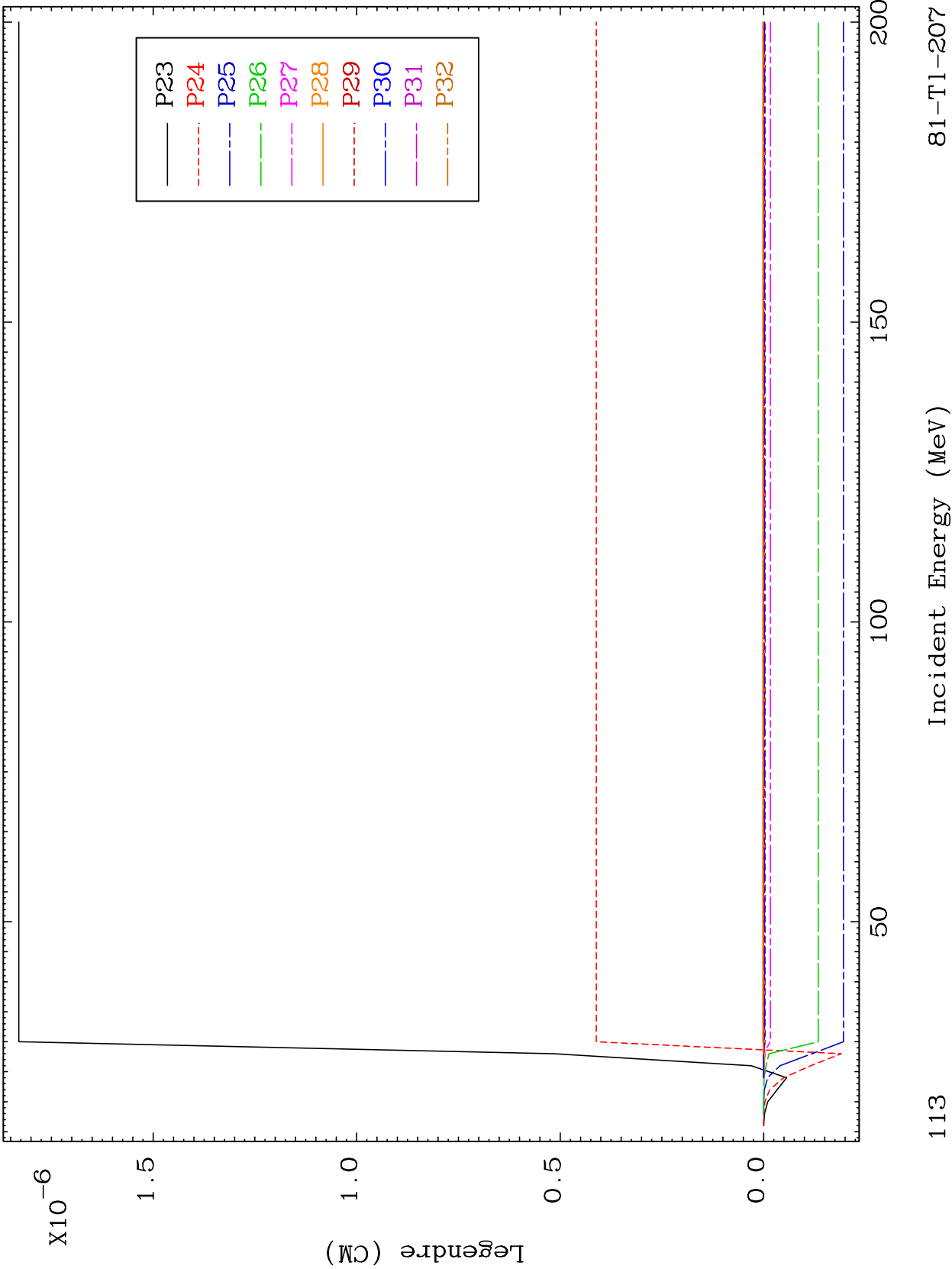


111

Incident Energy (MeV)

81-T1-207

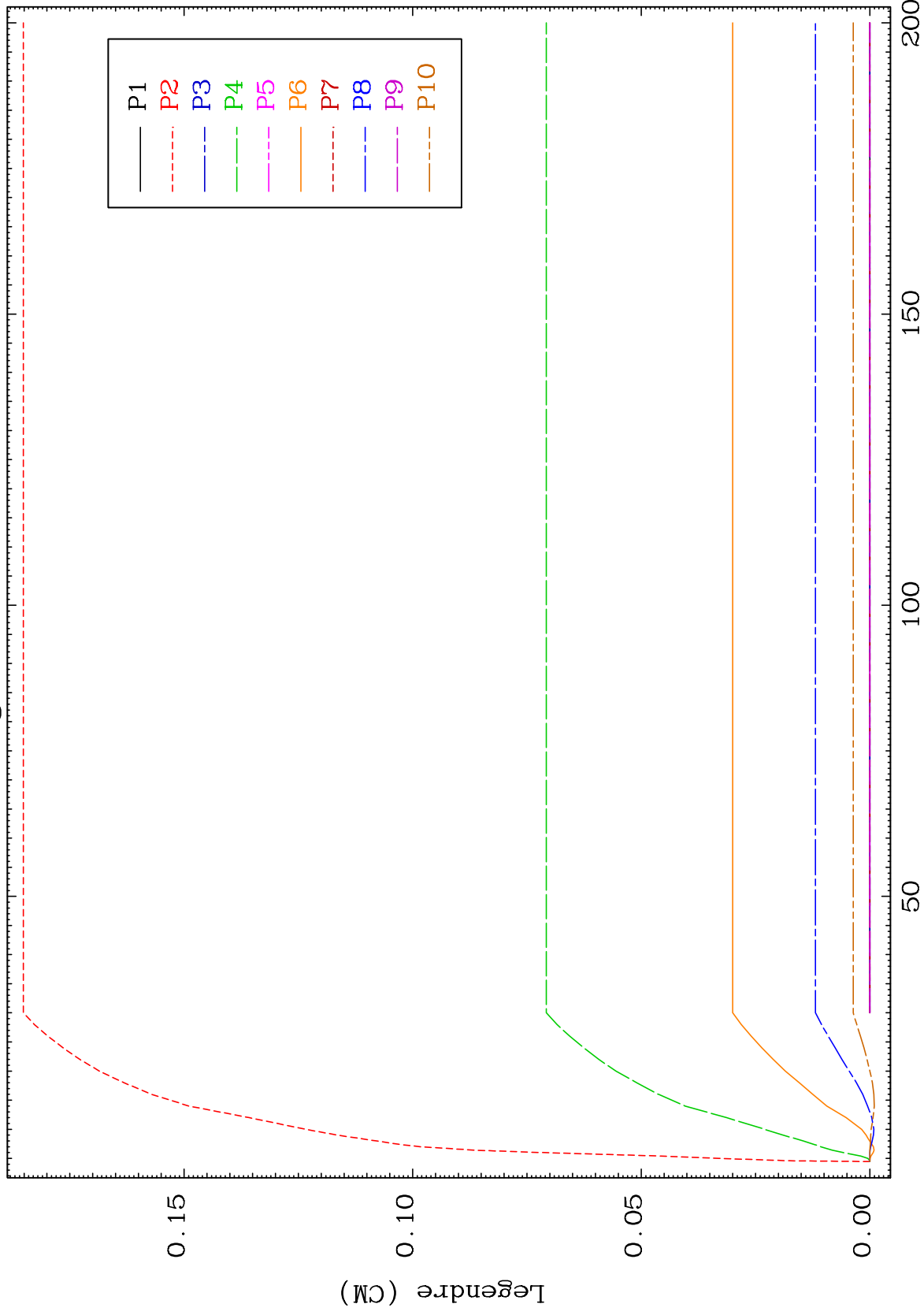




MAT 8137

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

81-T1-207



114

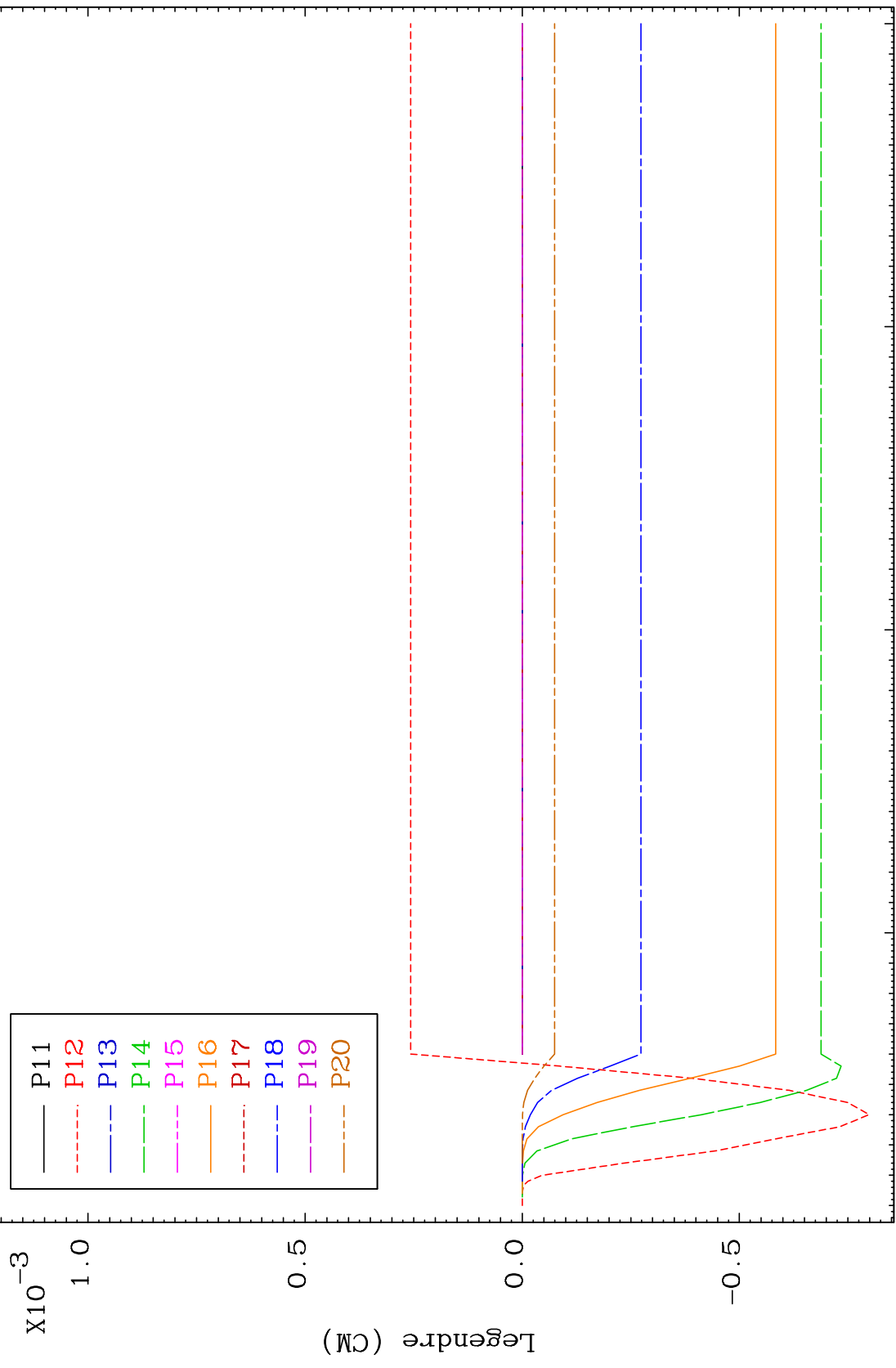
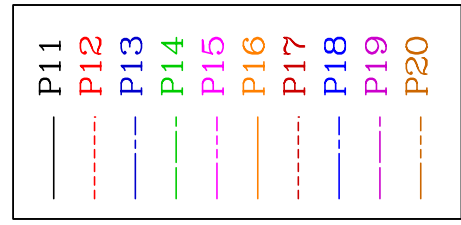
Incident Energy (MeV)

81-T1-207

MAT 8137

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

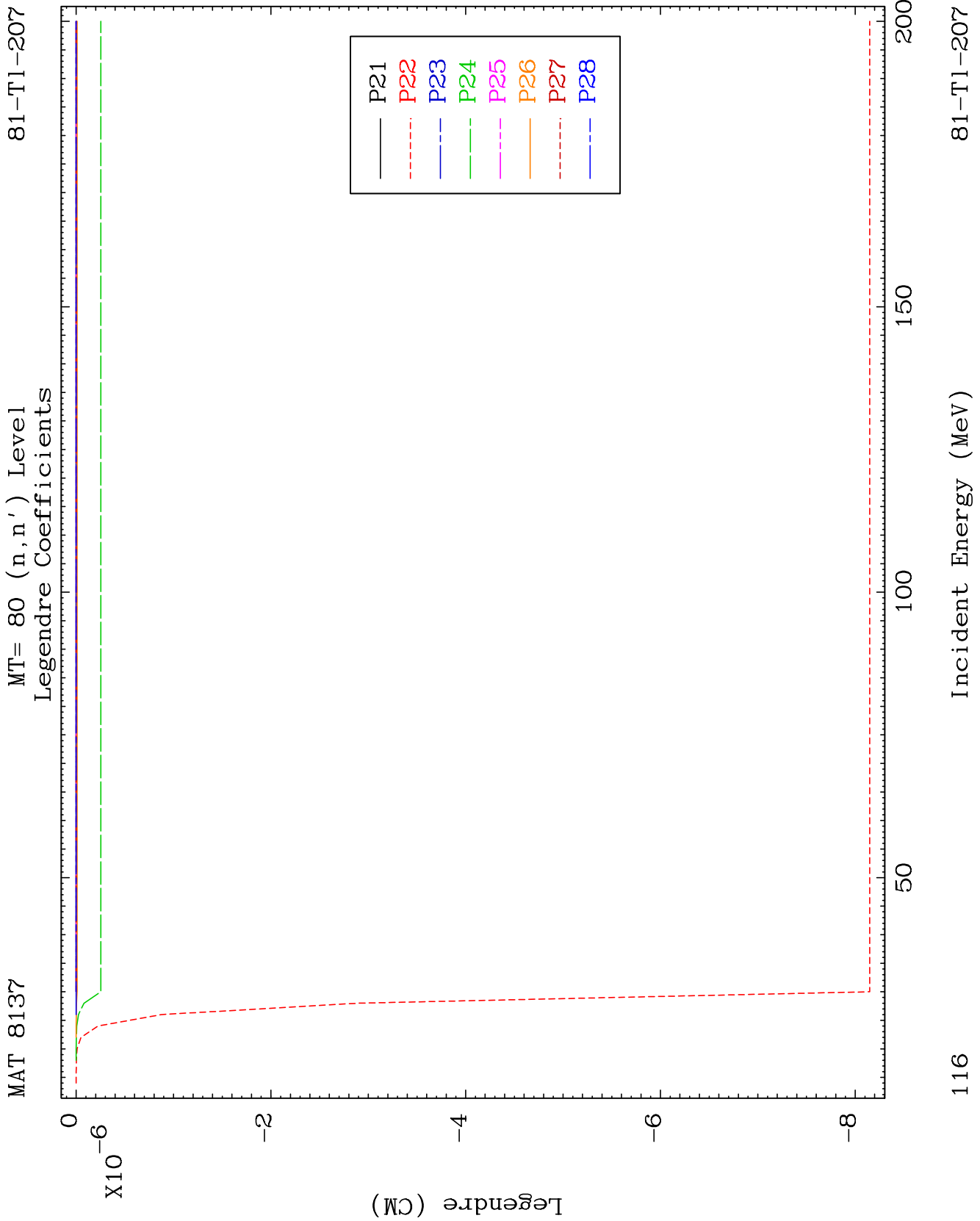
81-T1-207



115

Incident Energy (MeV)

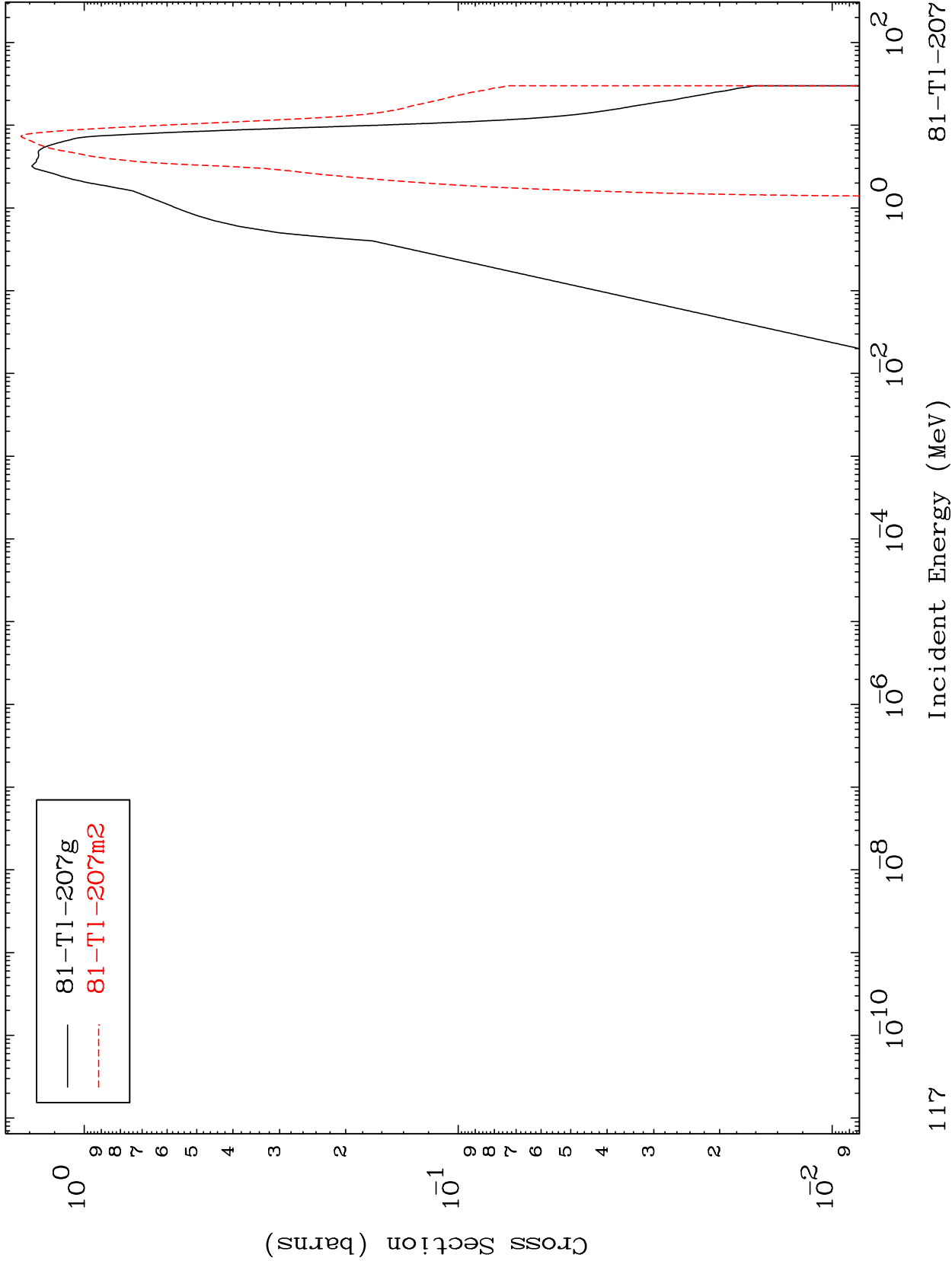
81-T1-207



MAT 8137

Inelastic
Radionuclide Production Cross Section

81-Tl-207

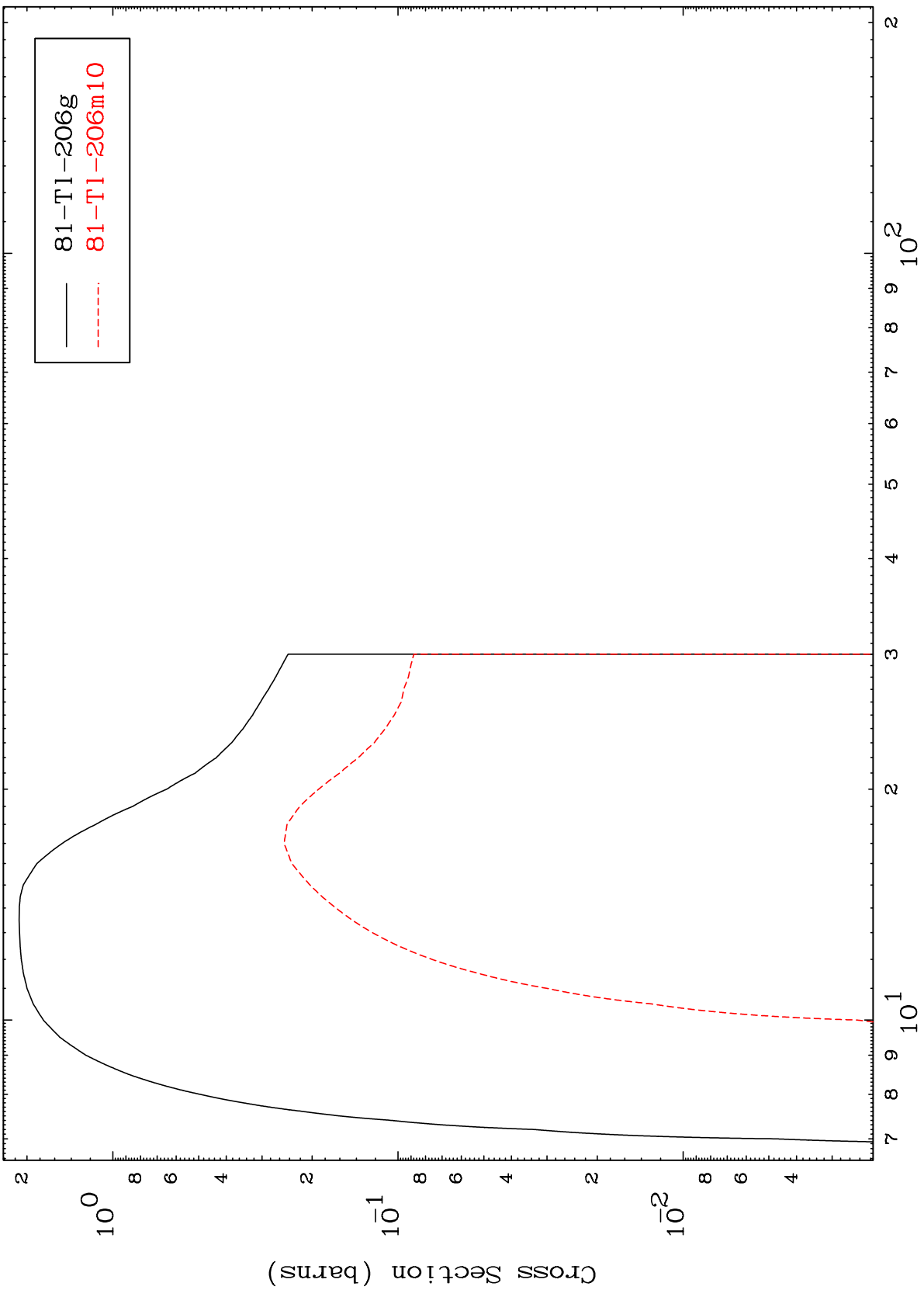


81-Tl-207

MAT 8137

81-Tl-207

(n,2n)
Radionuclide Production Cross Section



81-Tl-206g
81-Tl-206m10

118

Incident Energy (MeV)

81-Tl-207

MAT 8137

Fission

81-Tl-207

Radionuclide Production Cross Section

