

Program EVALPLOT
(Version 2018-1)

by

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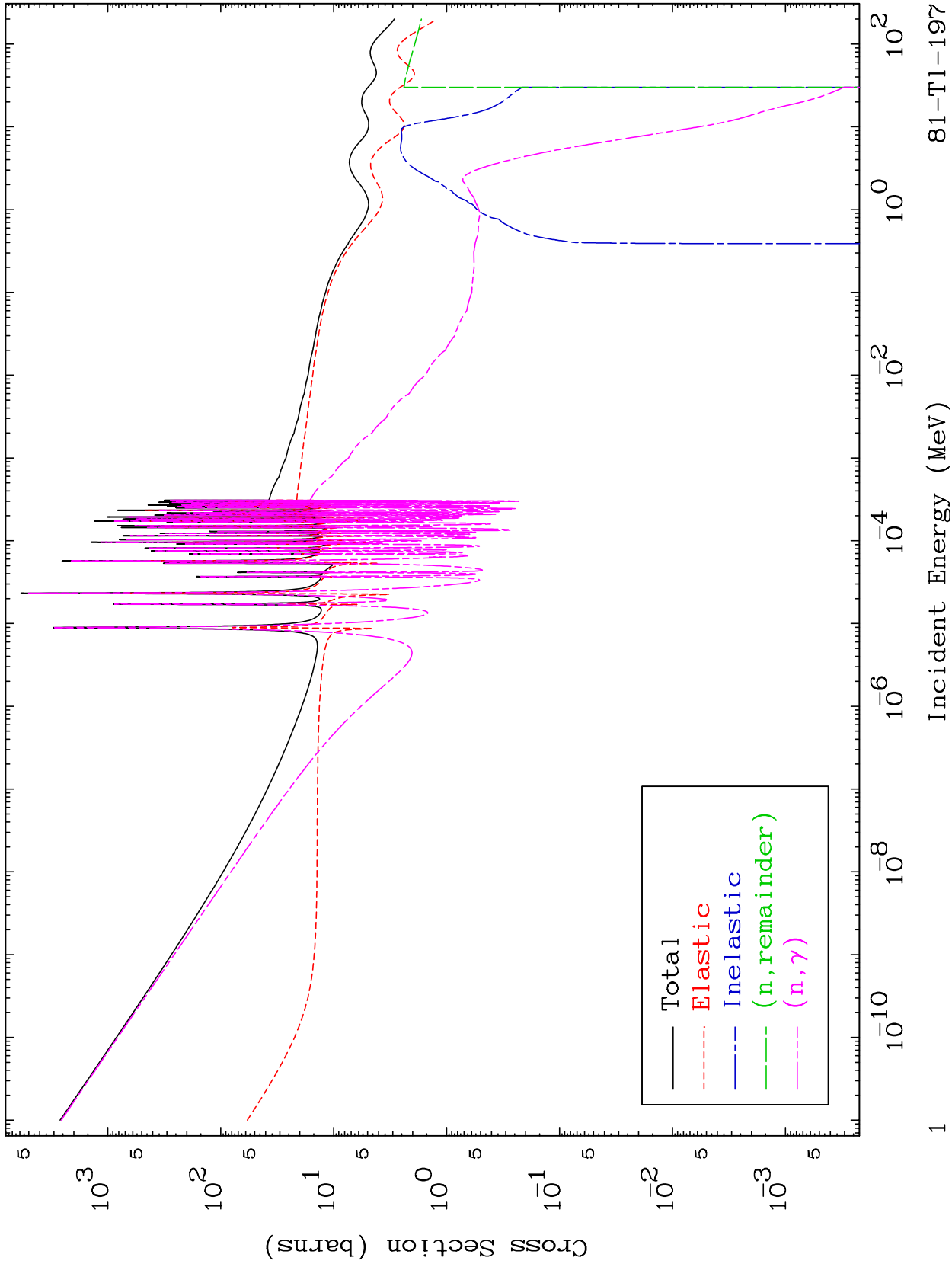
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8107

Major
293 Kelvin Cross Sections

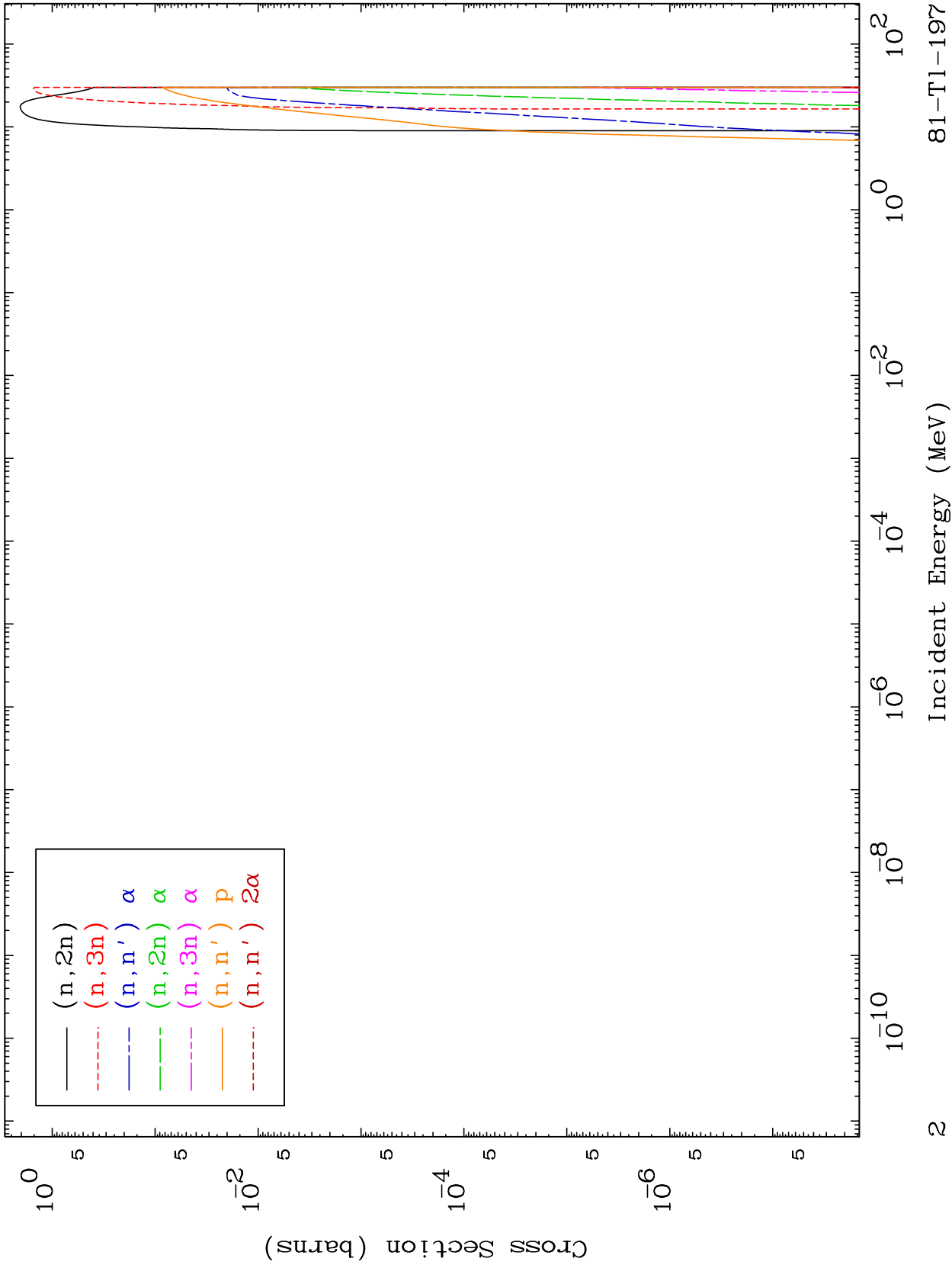
81-T1-197

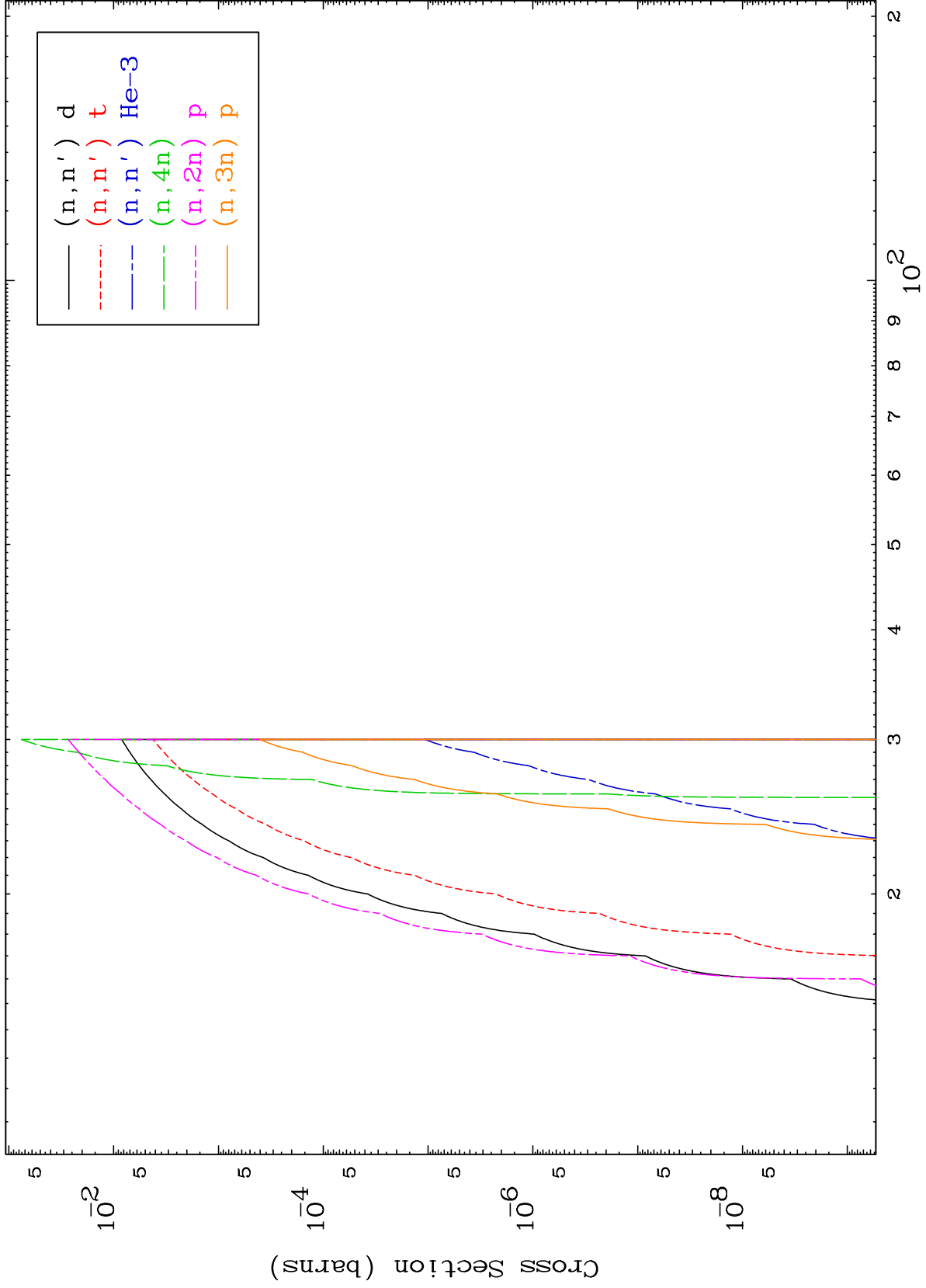


MAT 8107

Neutron Production
293 Kelvin Cross Sections

81-Tl-197

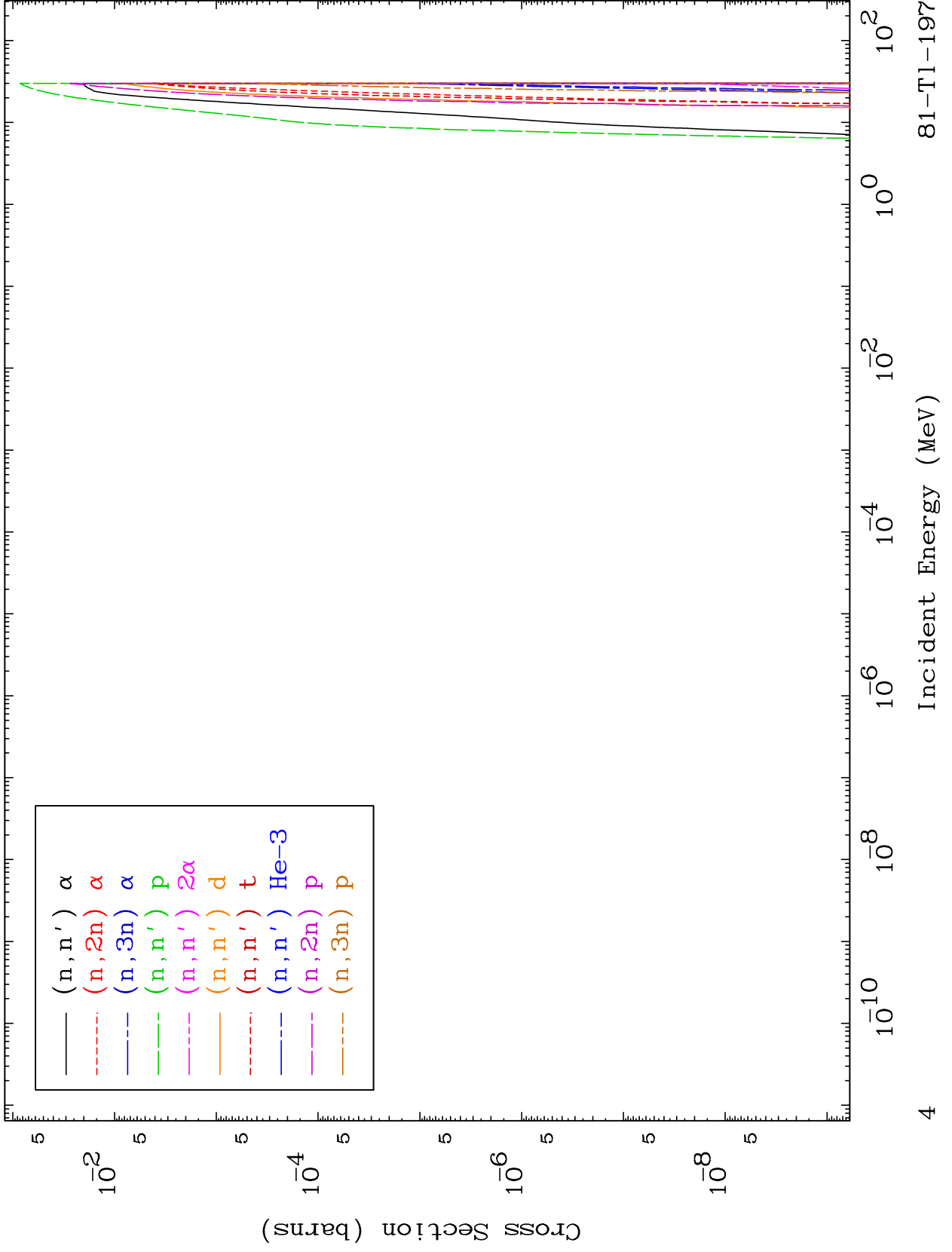




MAT 8107

Charged Particle
293 Kelvin Cross Sections

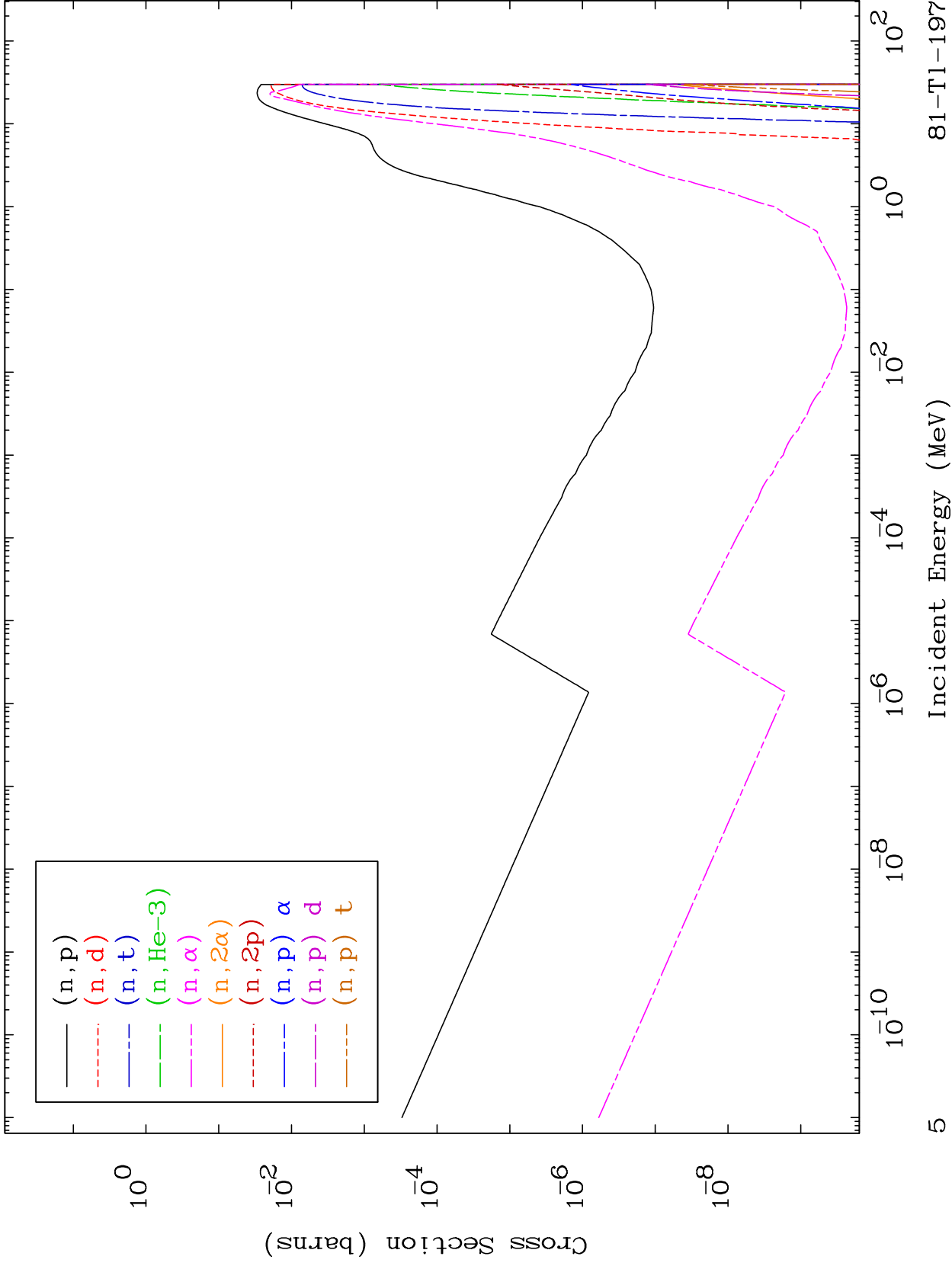
81-Tl-197



MAT 8107

Charged Particle
293 Kelvin Cross Sections

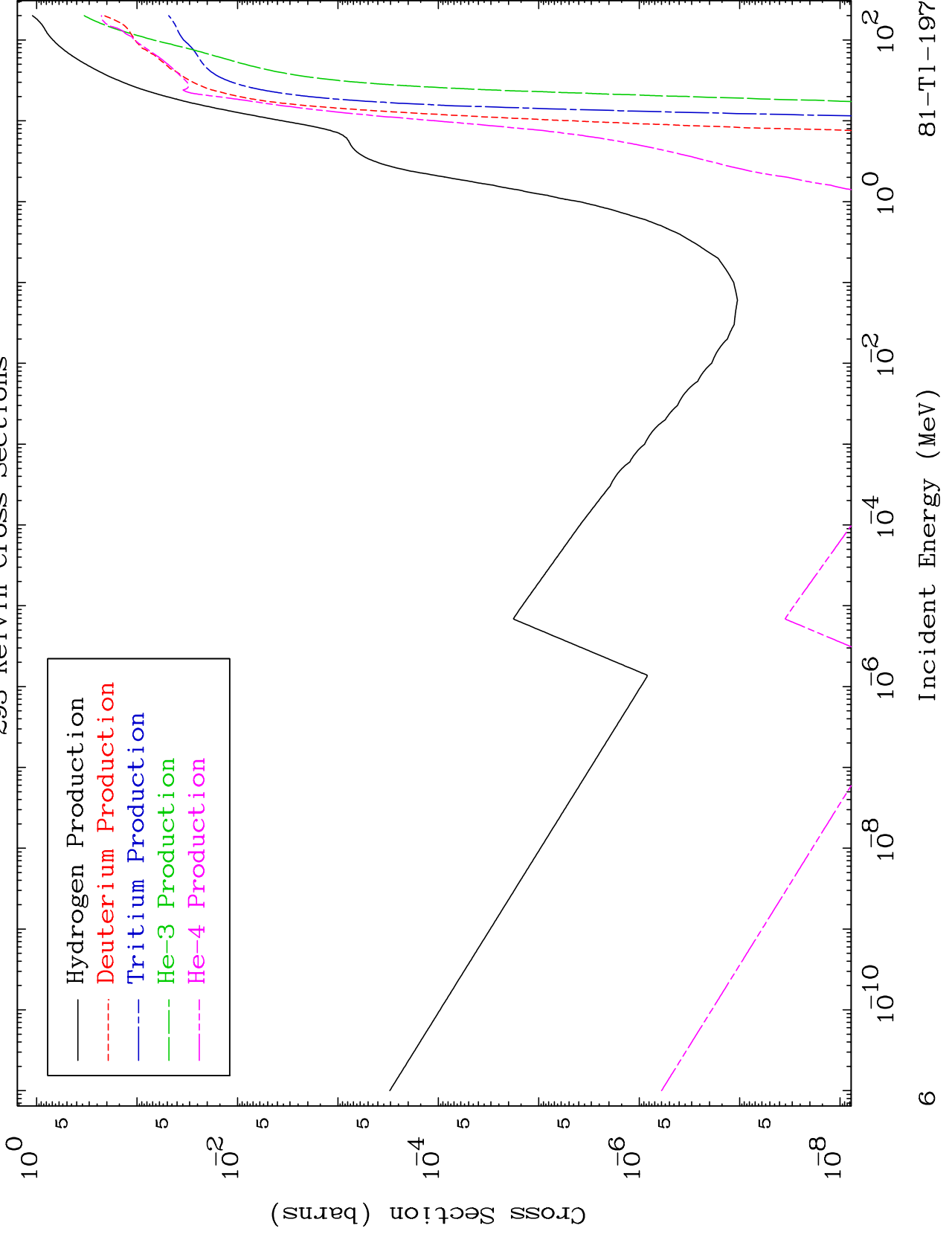
81-Tl-197



MAT 8107

Particle Production
293 Kelvin Cross Sections

81-Tl-197

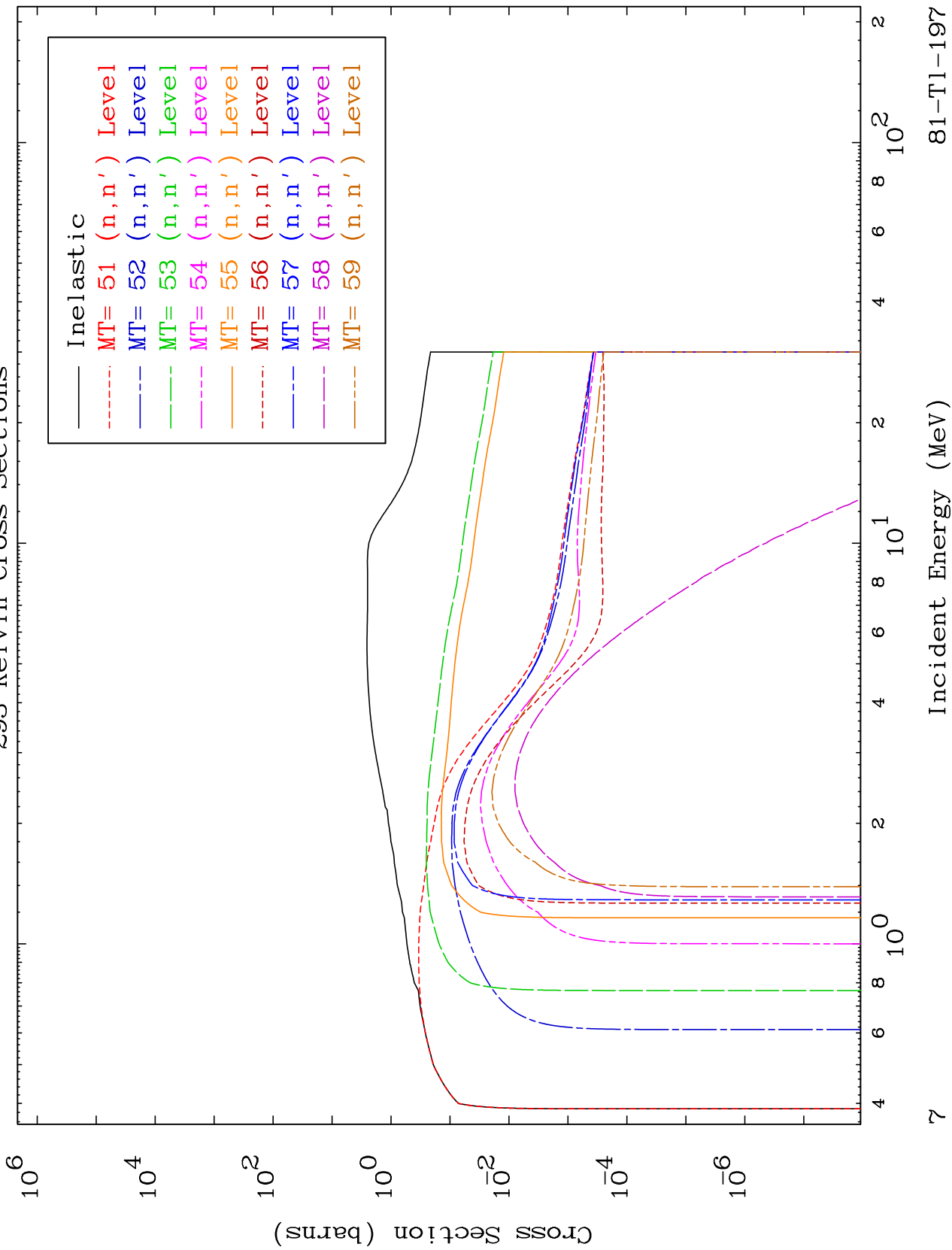


MAT 8107

(n,n') Level

81-Tl-197

293 Kelvin Cross Sections

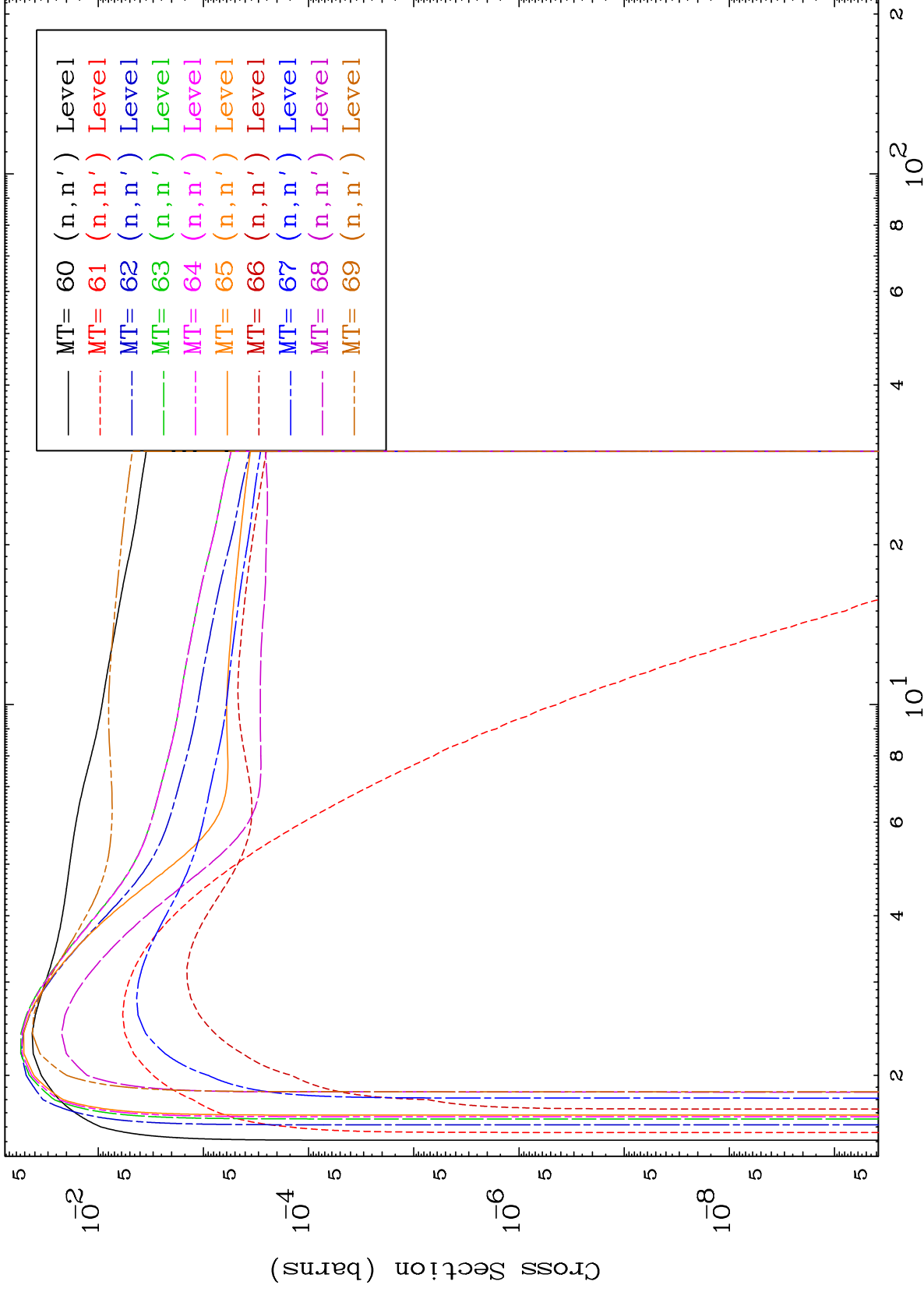


MAT 8107

(n,n') Level

81-Tl-197

293 Kelvin Cross Sections

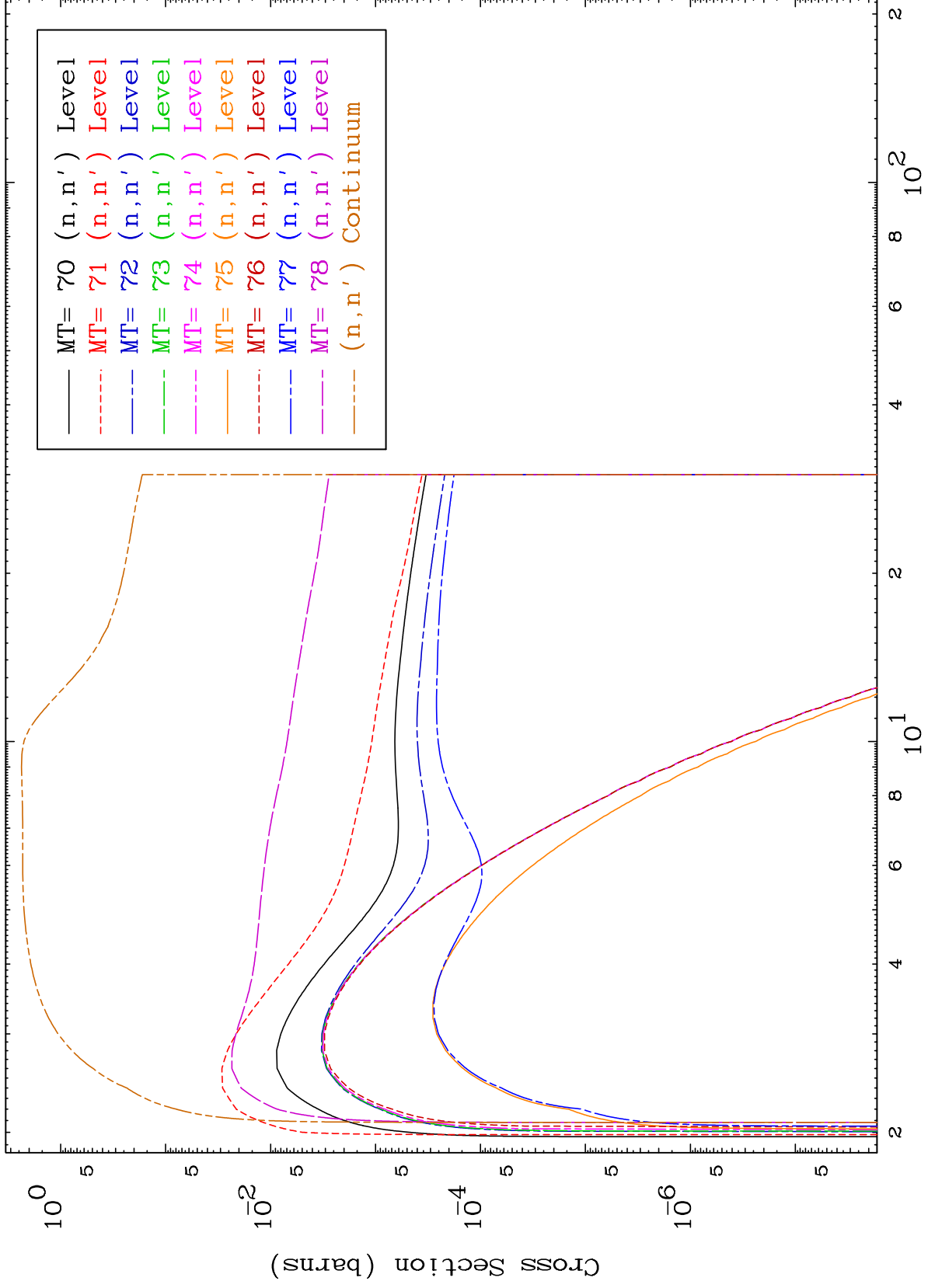


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Incident Energy (MeV)

81-Tl-197

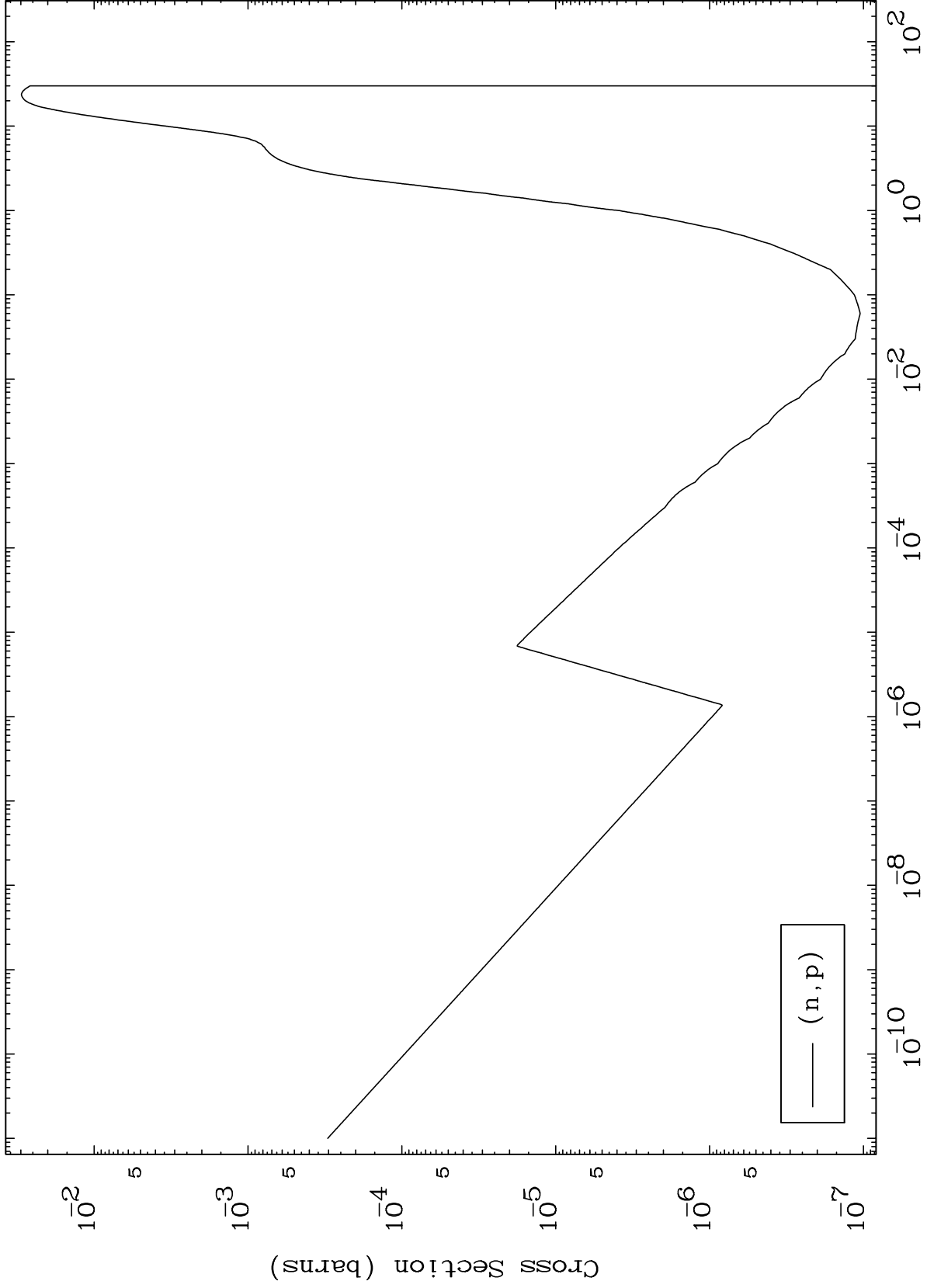
293 Kelvin Cross Sections



MAT 8107

(n,p) Levels
293 Kelvin Cross Sections

81-T1-197



10

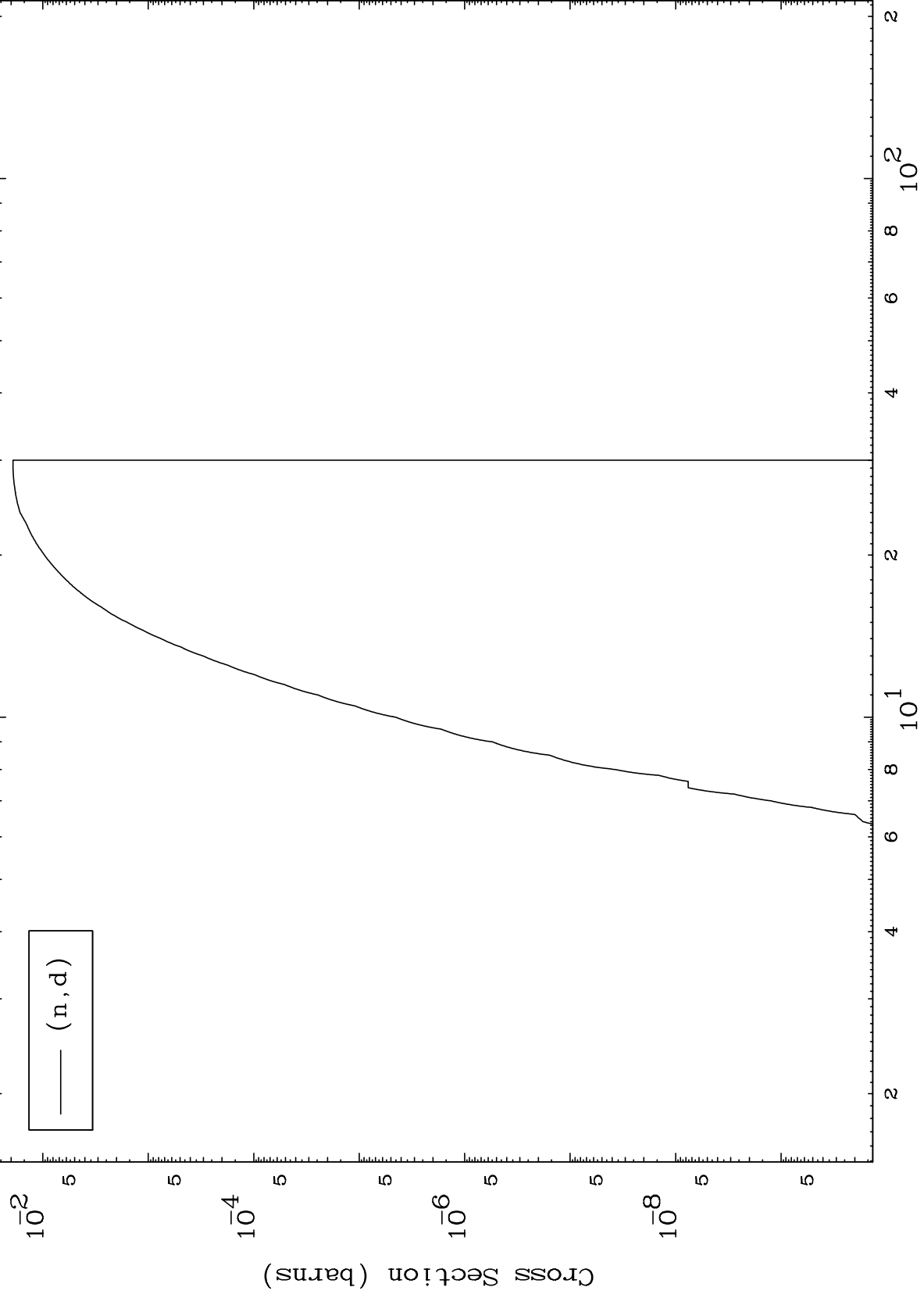
Incident Energy (MeV)

81-T1-197

MAT 8107

(n,d) Levels
293 Kelvin Cross Sections

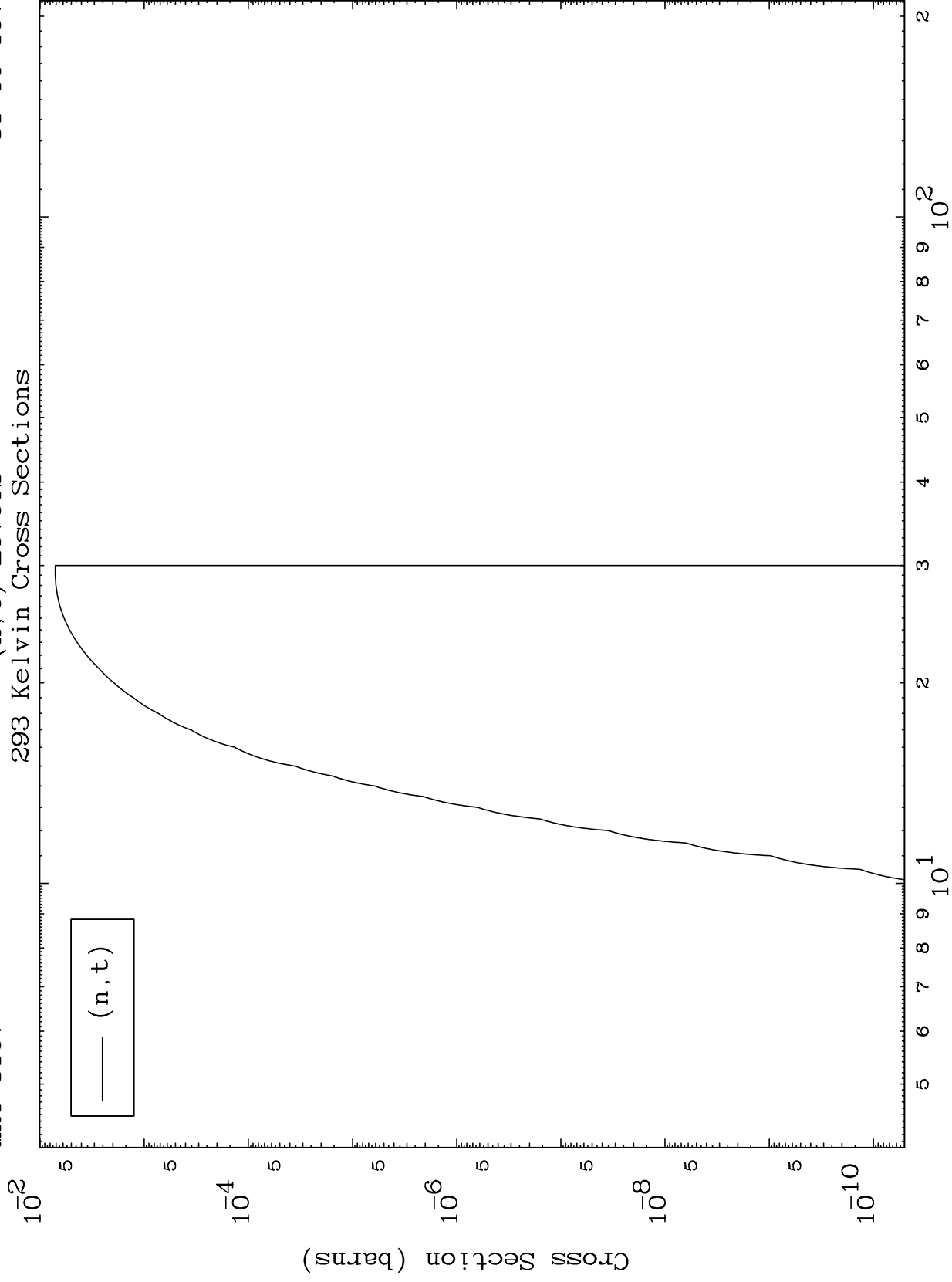
81-T1-197



MAT 8107

(n,t) Levels
293 Kelvin Cross Sections

81-T1-197



12

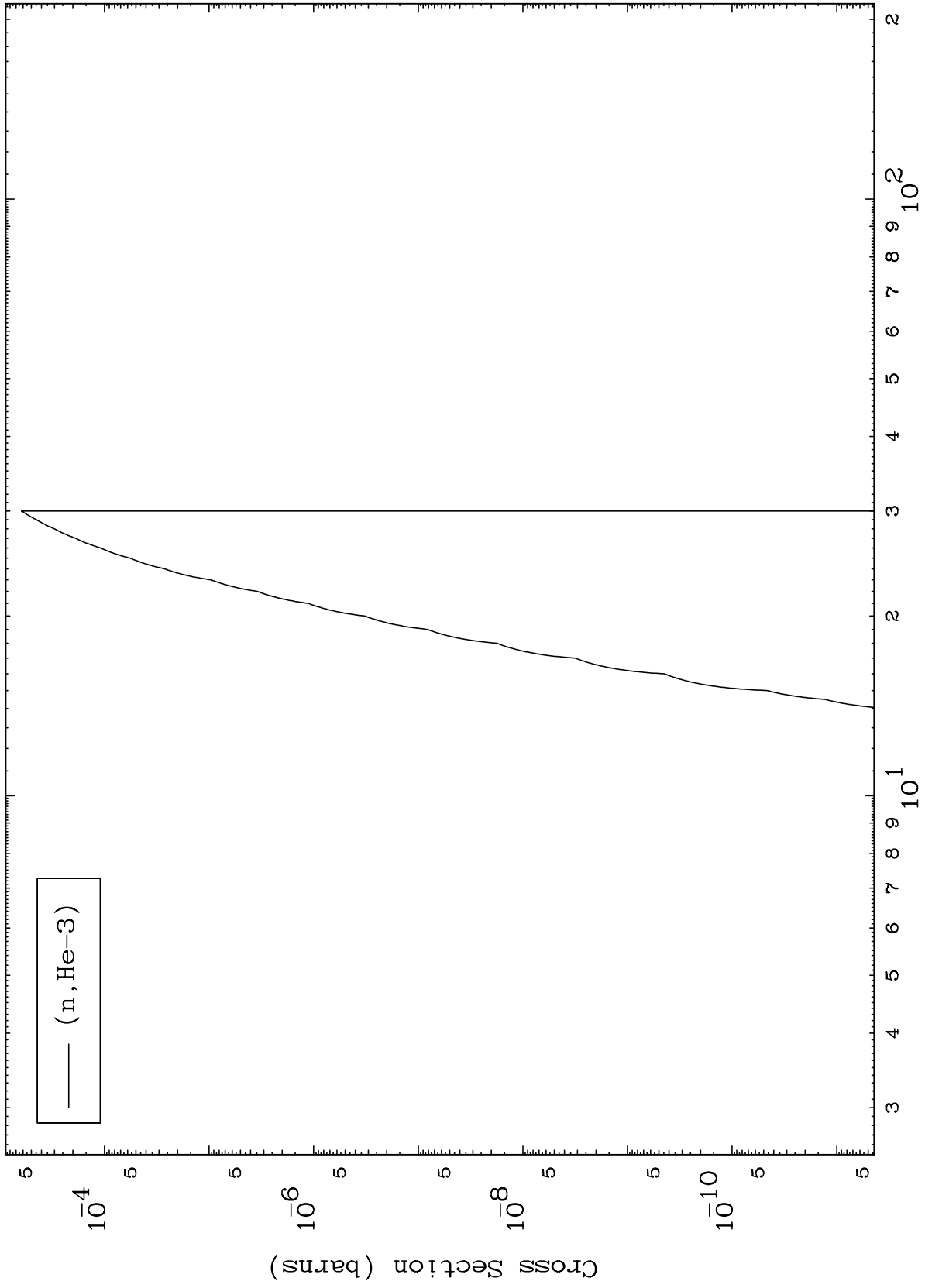
Incident Energy (MeV)

81-T1-197

MAT 8107

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-197



13

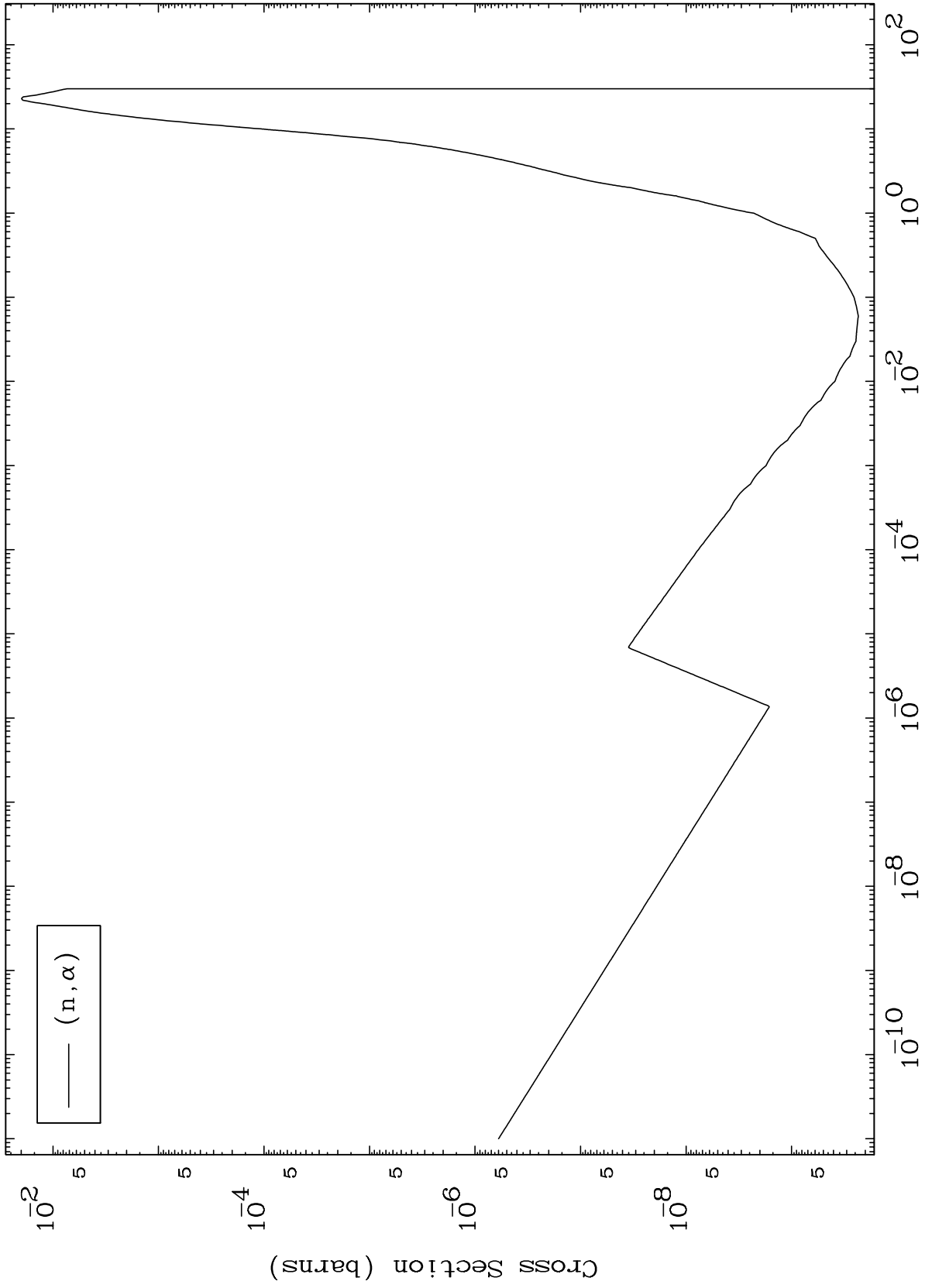
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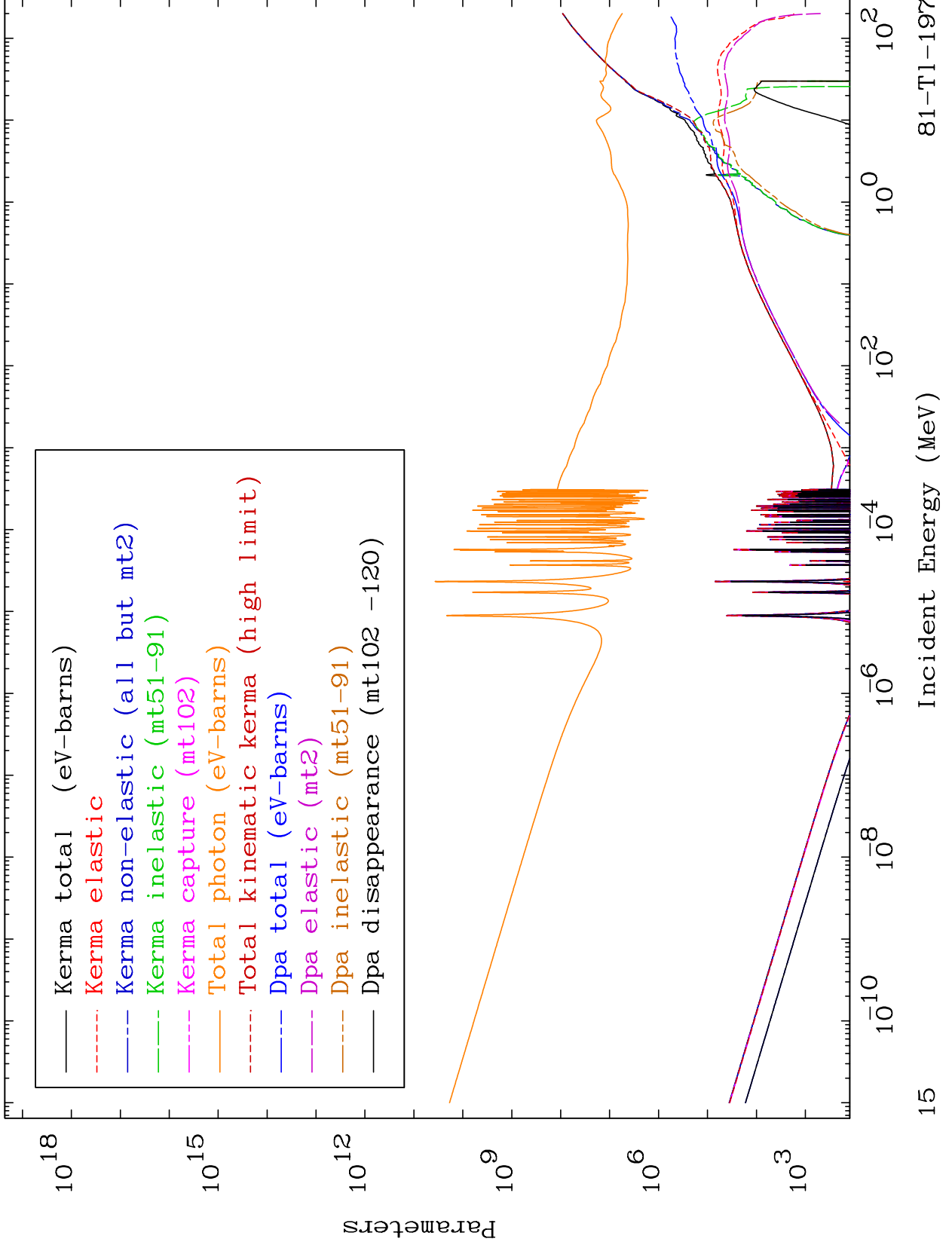
81-T1-197

MAT 8107

(n, α) Levels
293 Kelvin Cross Sections

81-Tl-197

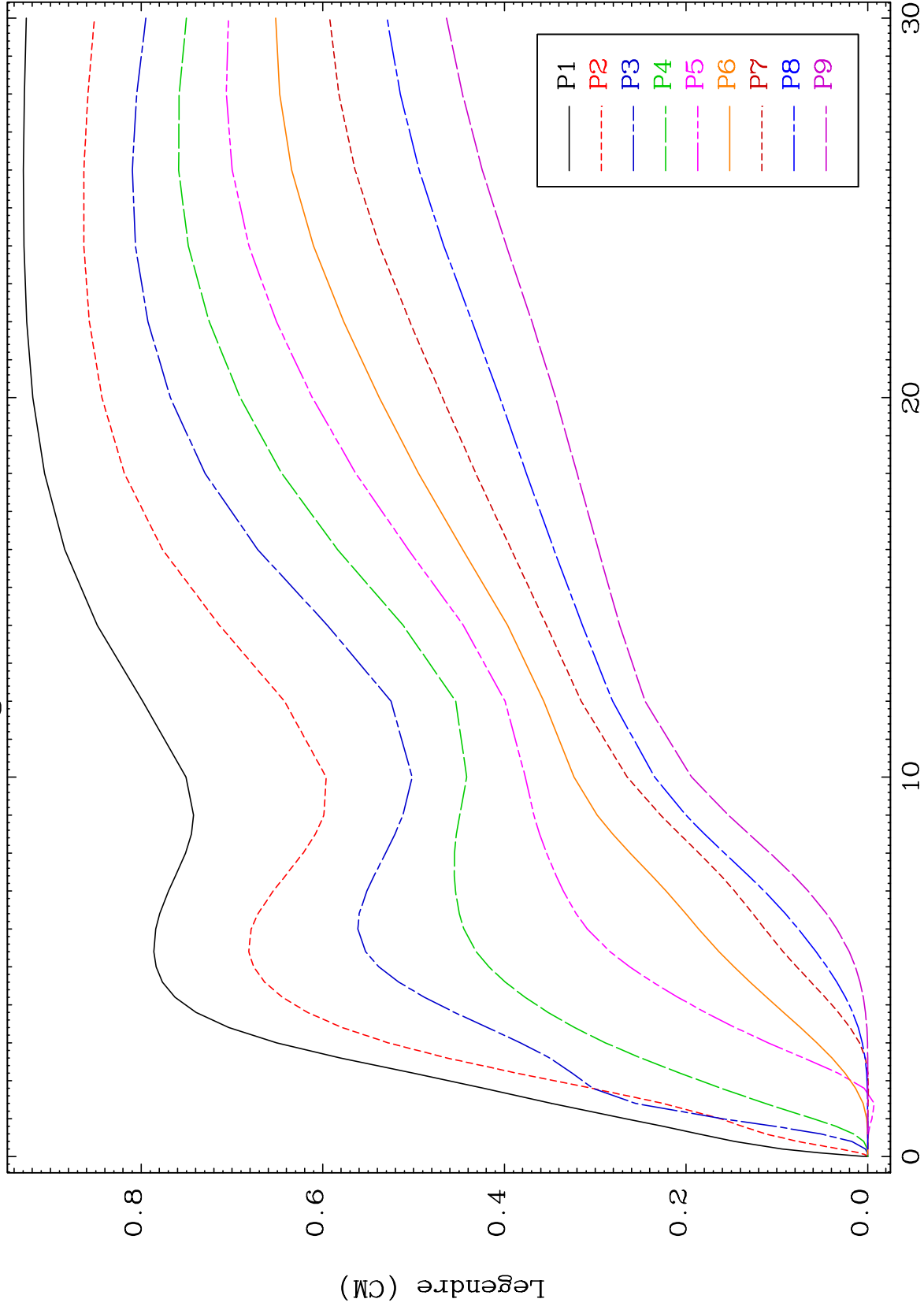




MAT 8107

Elastic Legendre Coefficients

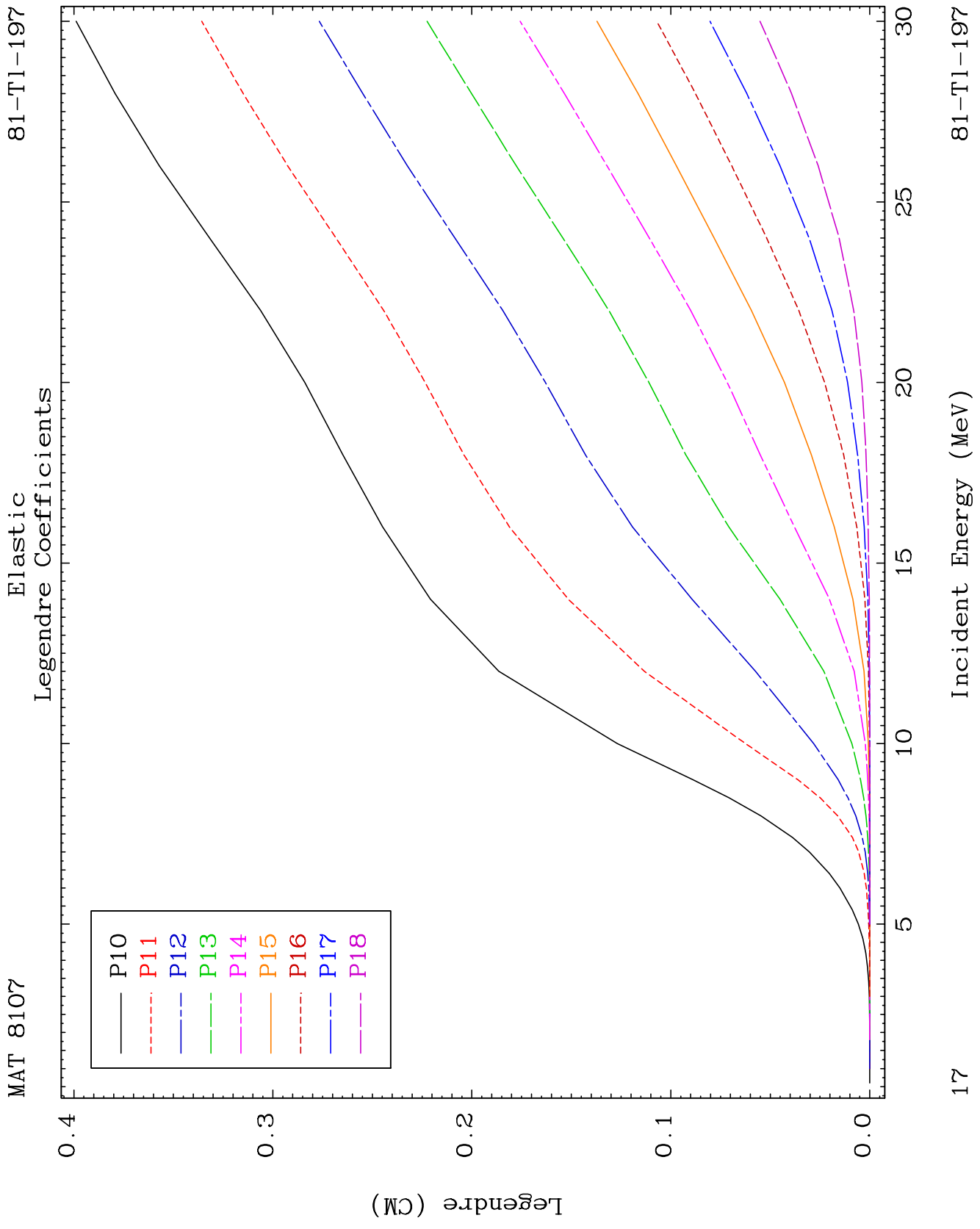
81-T1-197



16

Incident Energy (MeV)

81-T1-197



81-T1-197

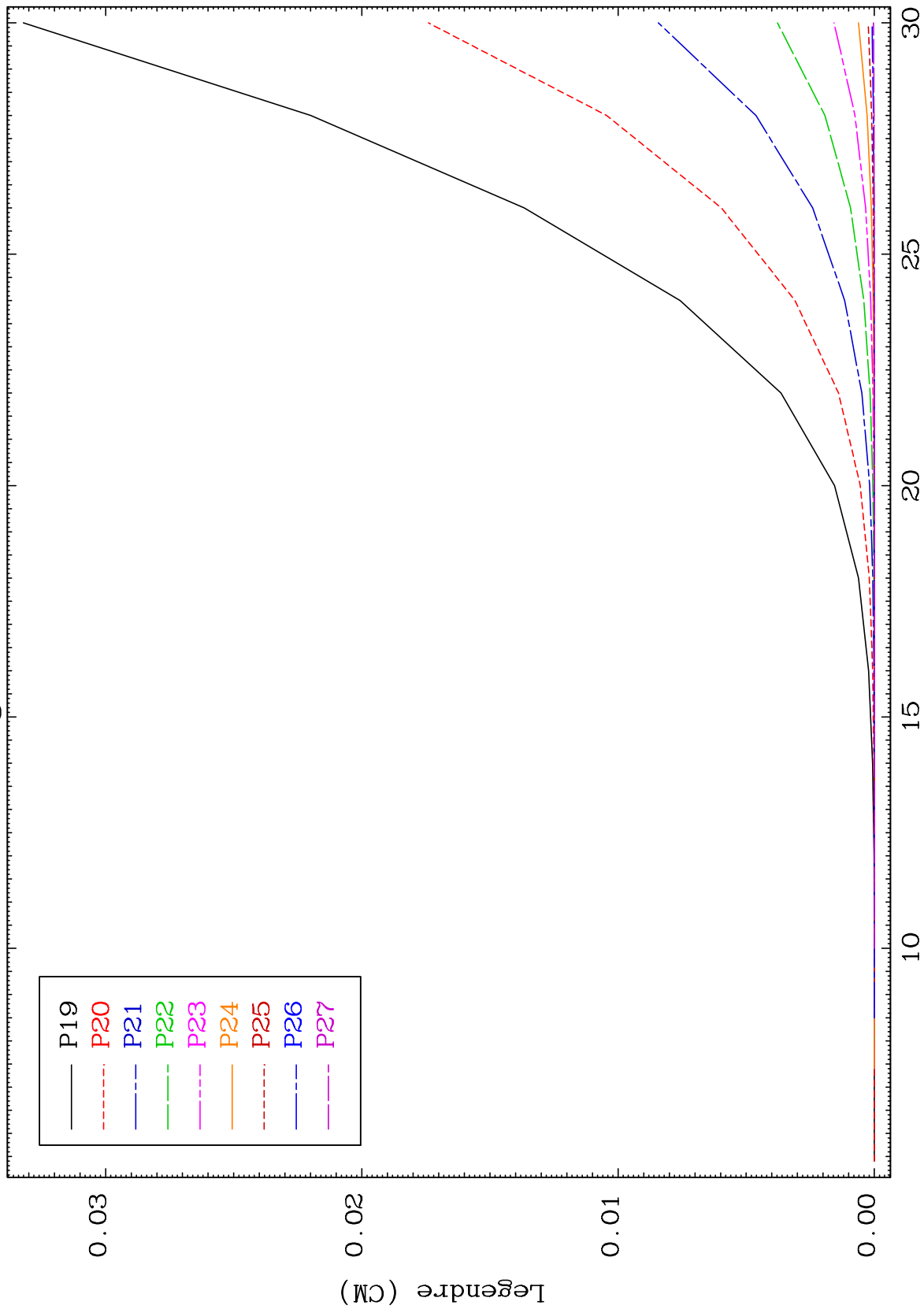
Incident Energy (MeV)

17

MAT 8107

Elastic Legendre Coefficients

81-T1-197



18

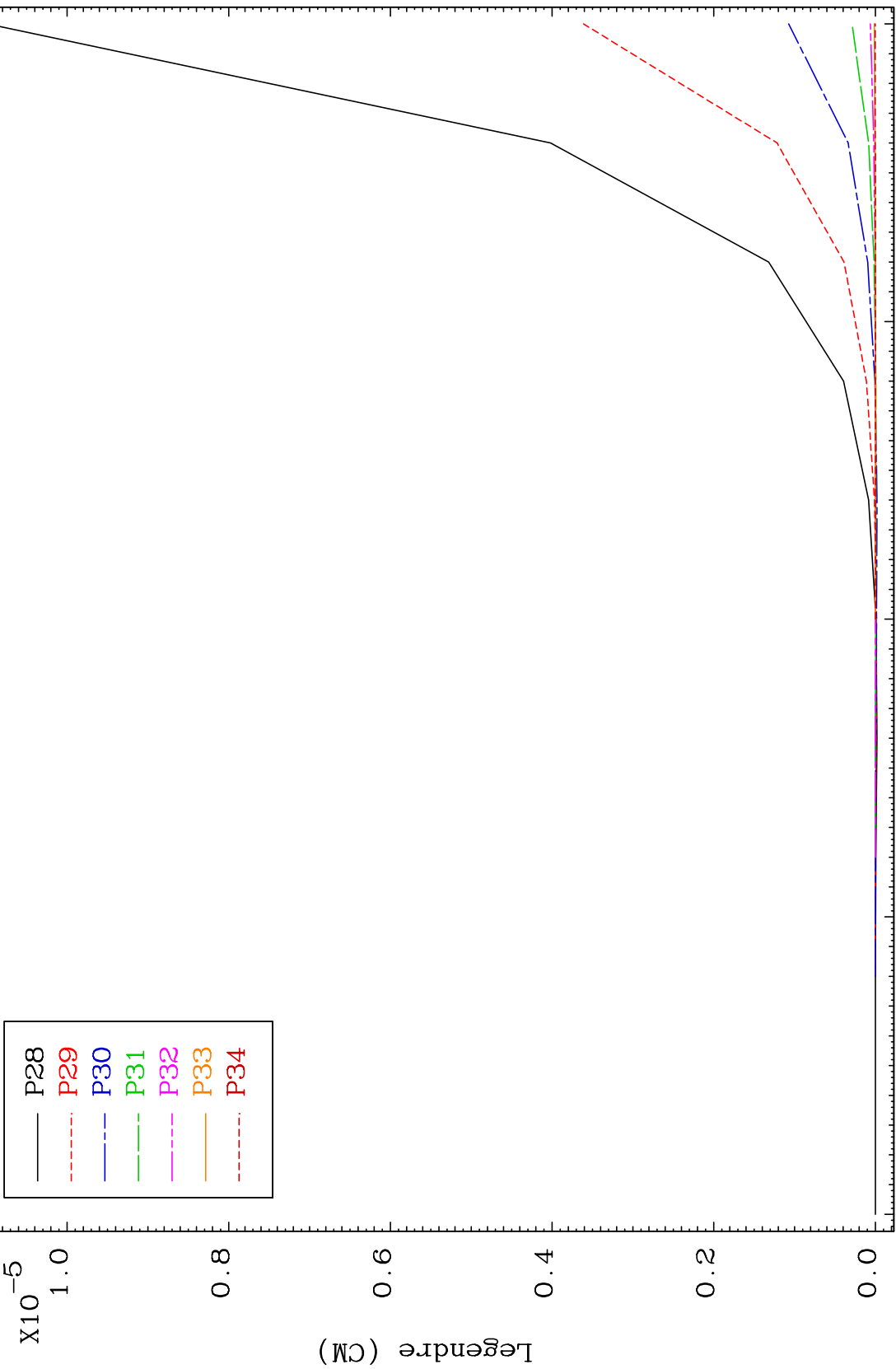
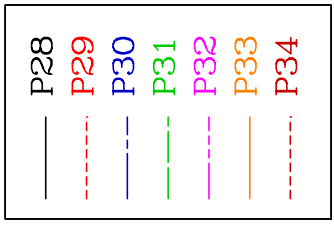
Incident Energy (MeV)

81-T1-197

MAT 8107

Elastic Legendre Coefficients

81-T1-197



81-T1-197

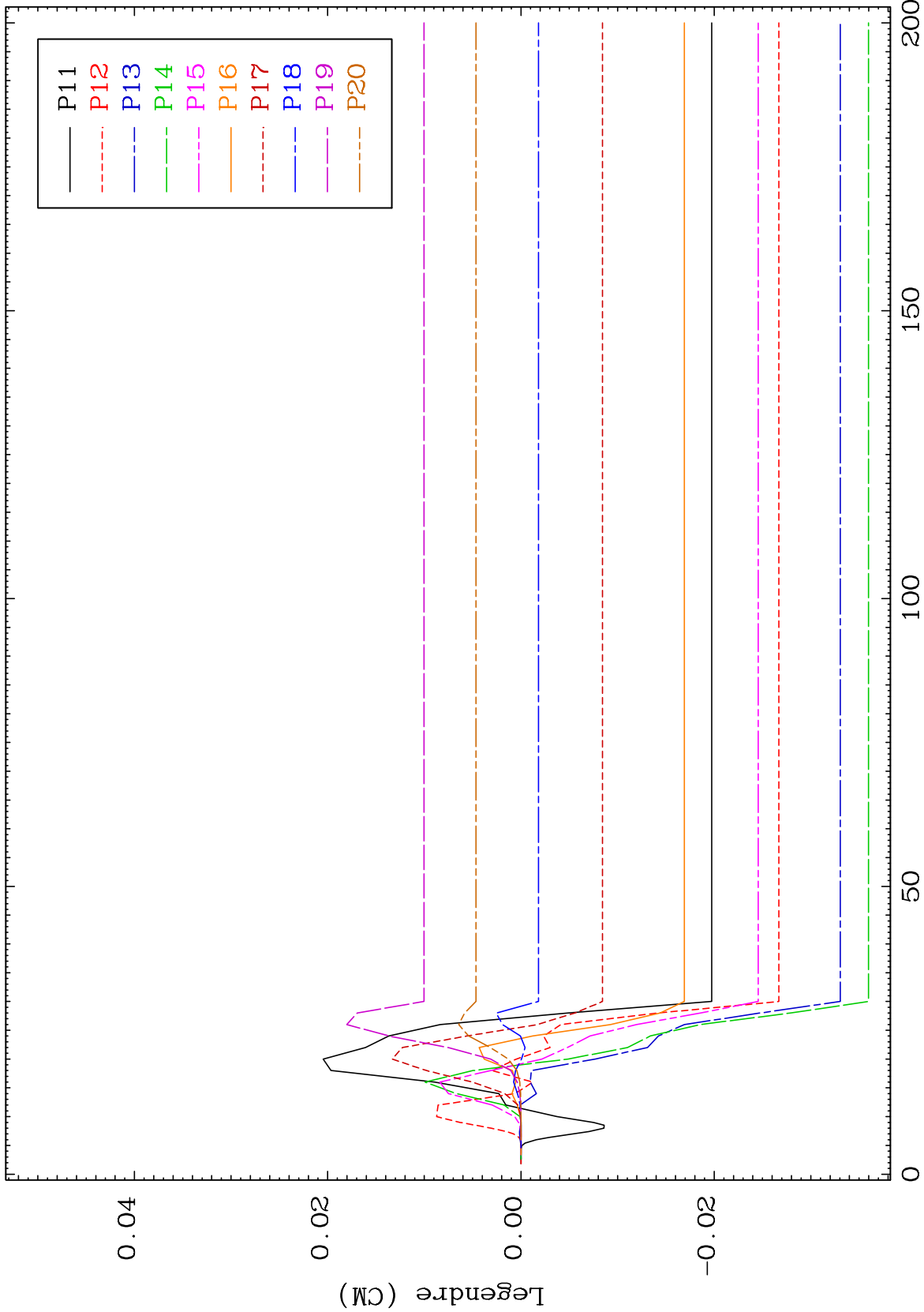
Incident Energy (MeV)

19

MAT 8107

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

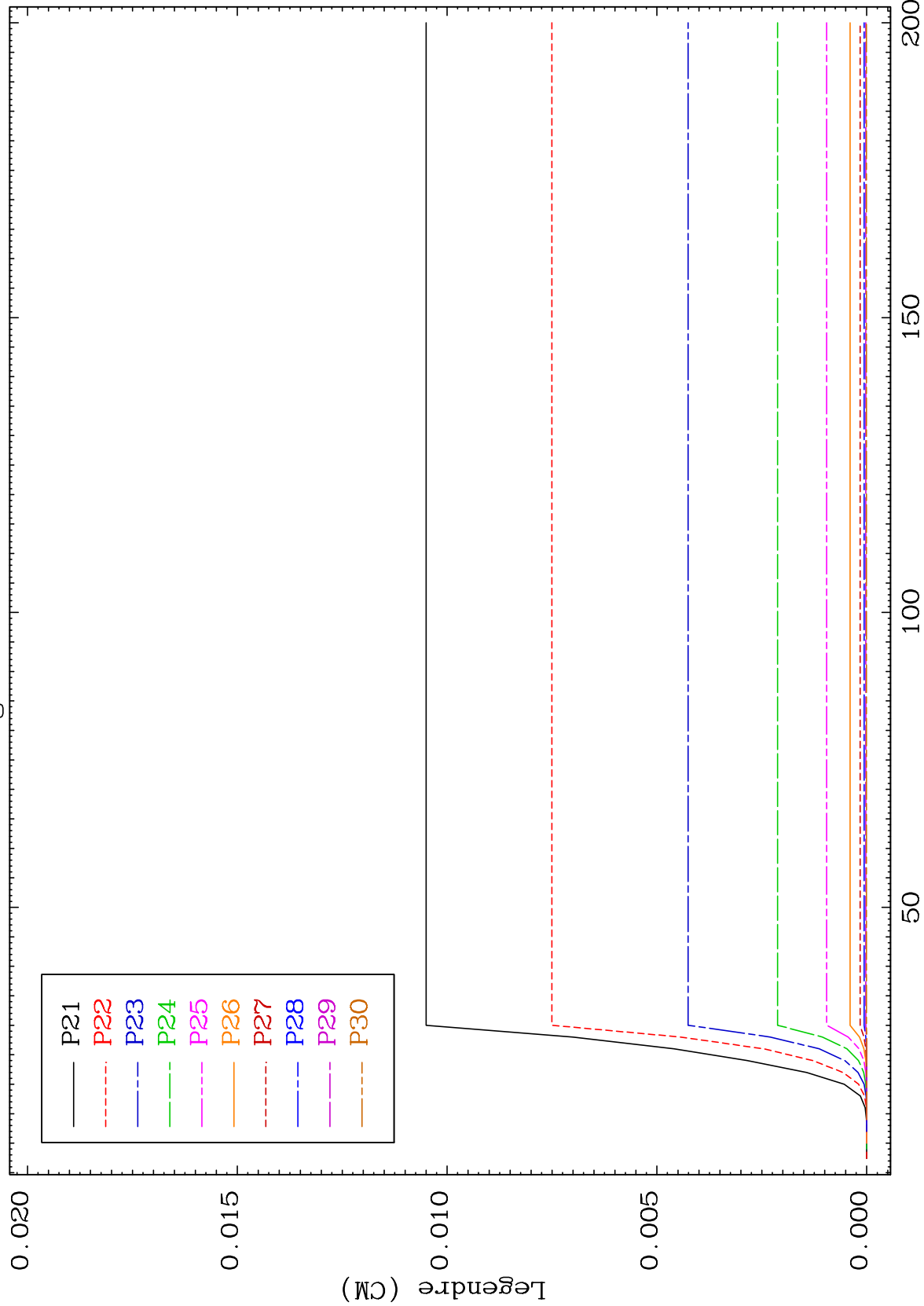
81-T1-197

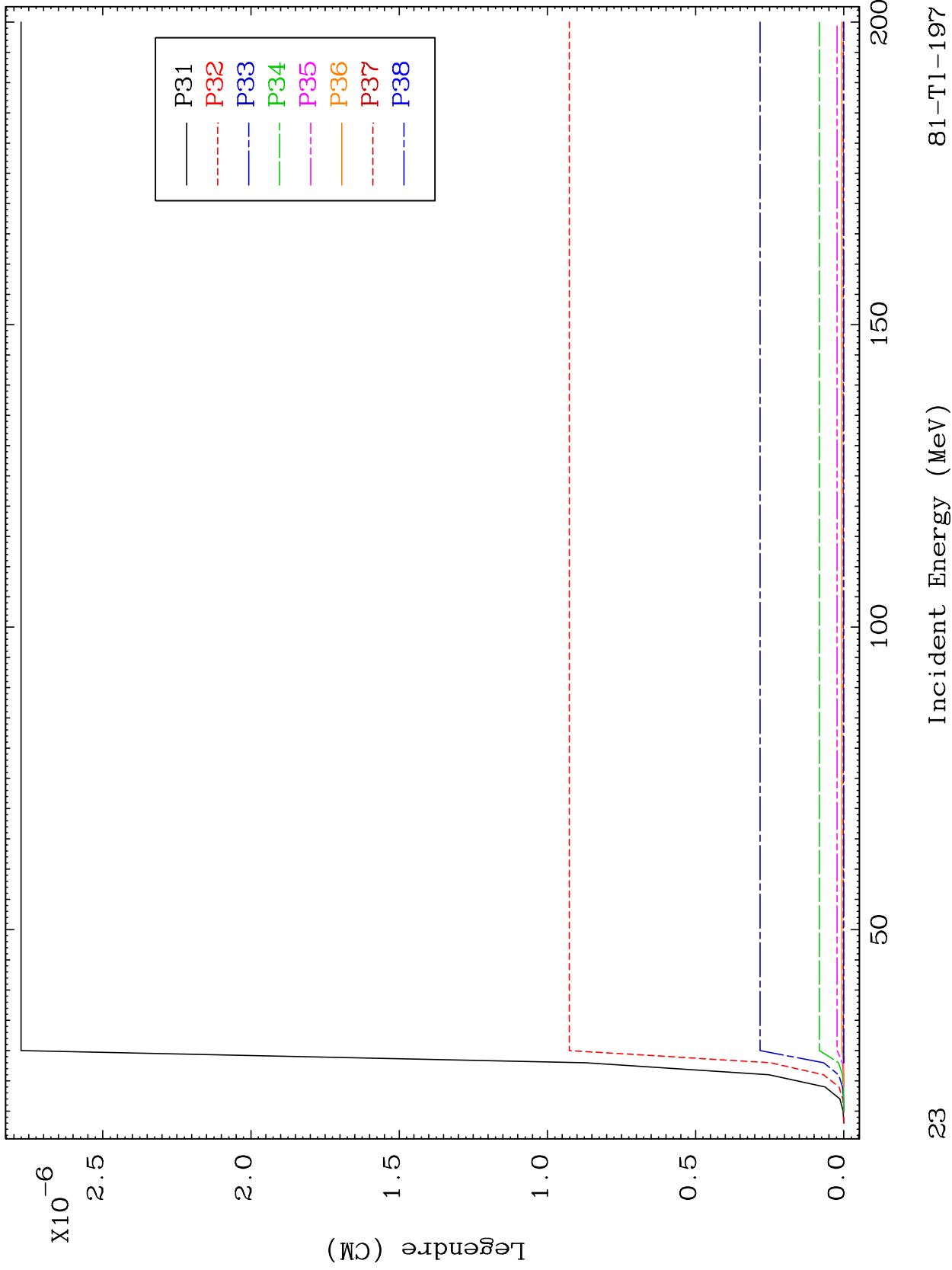


21

Incident Energy (MeV)

81-T1-197

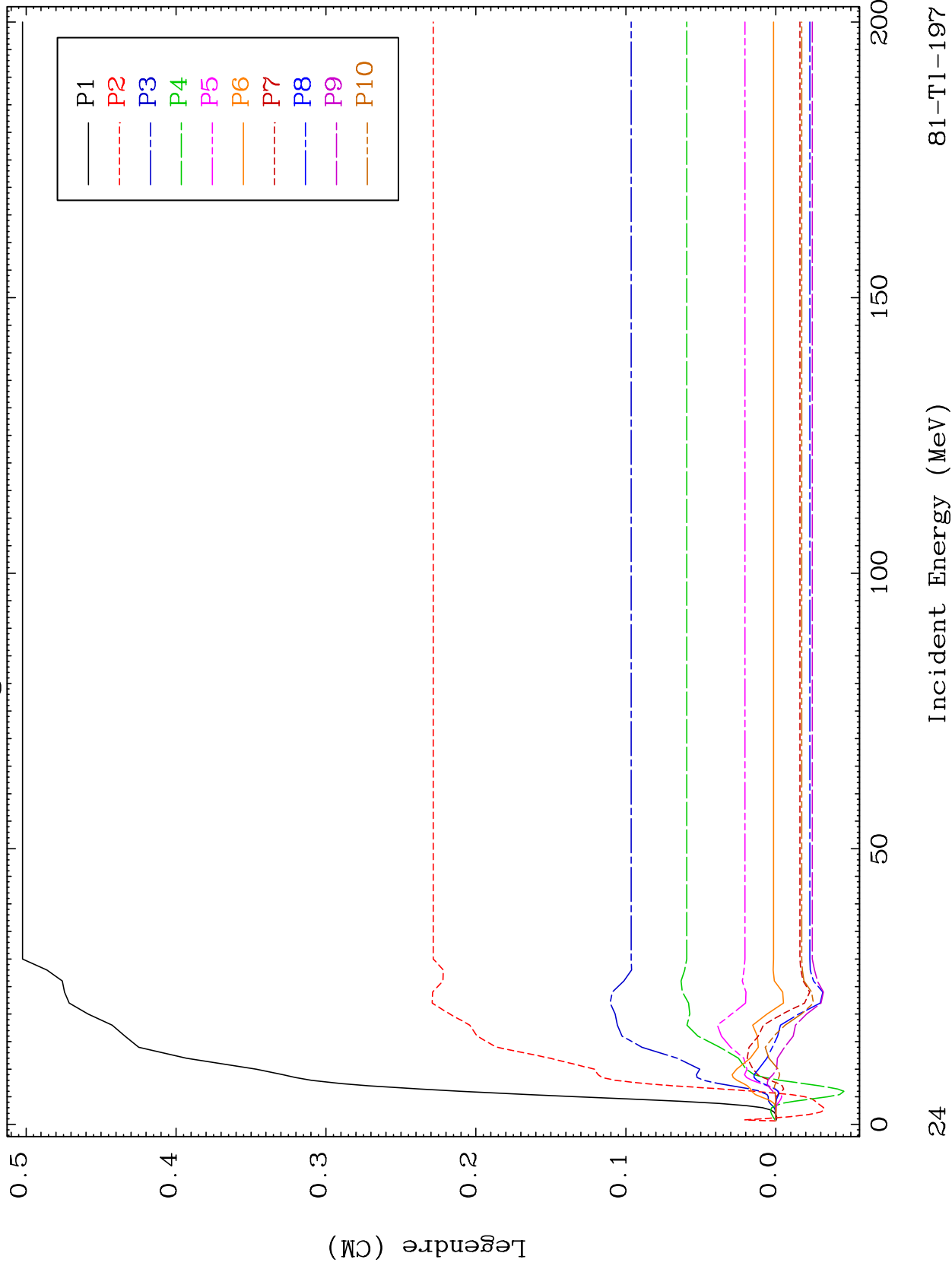




MAT 8107

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

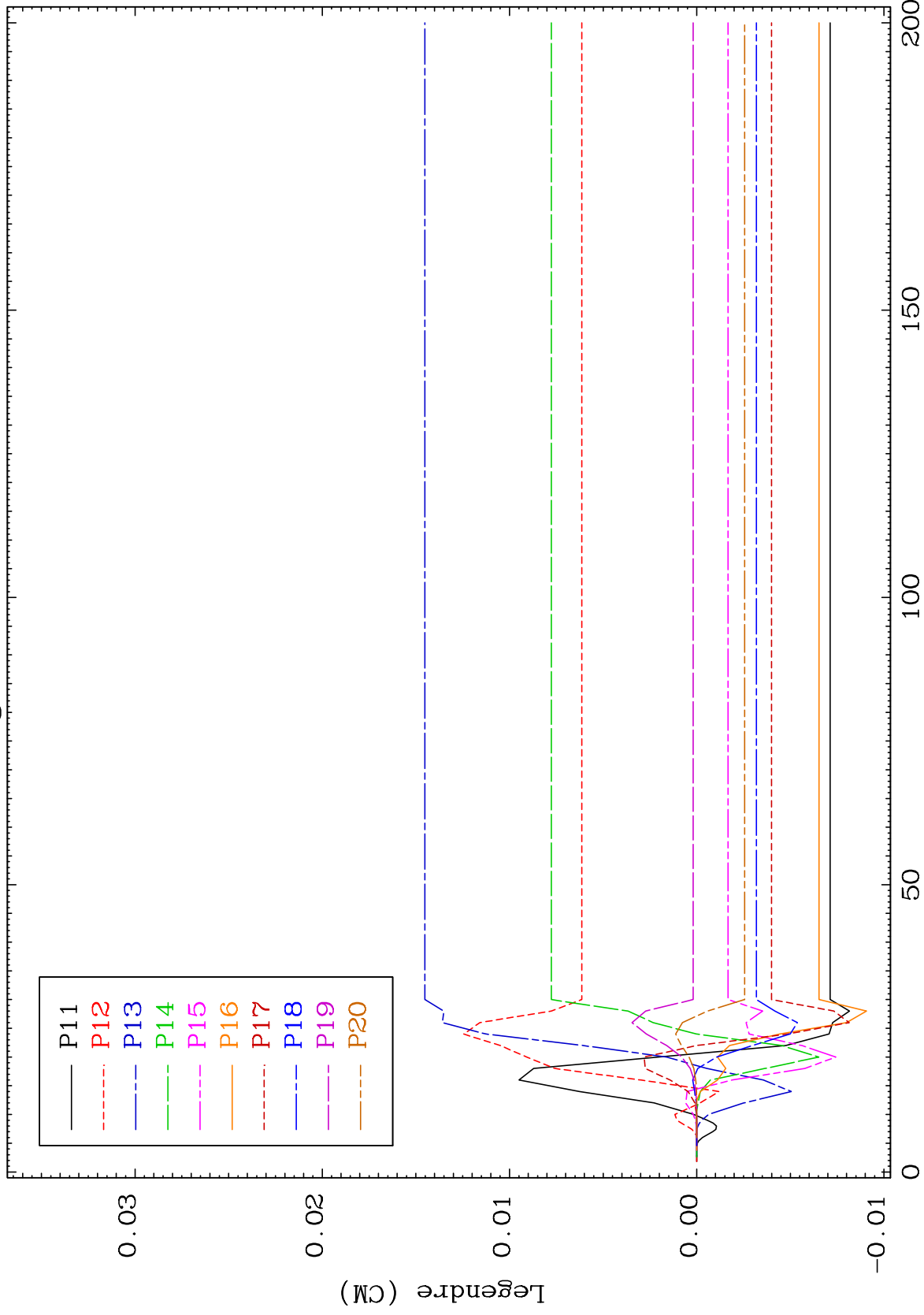
81-Tl-197



MAT 8107

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

81-T1-197

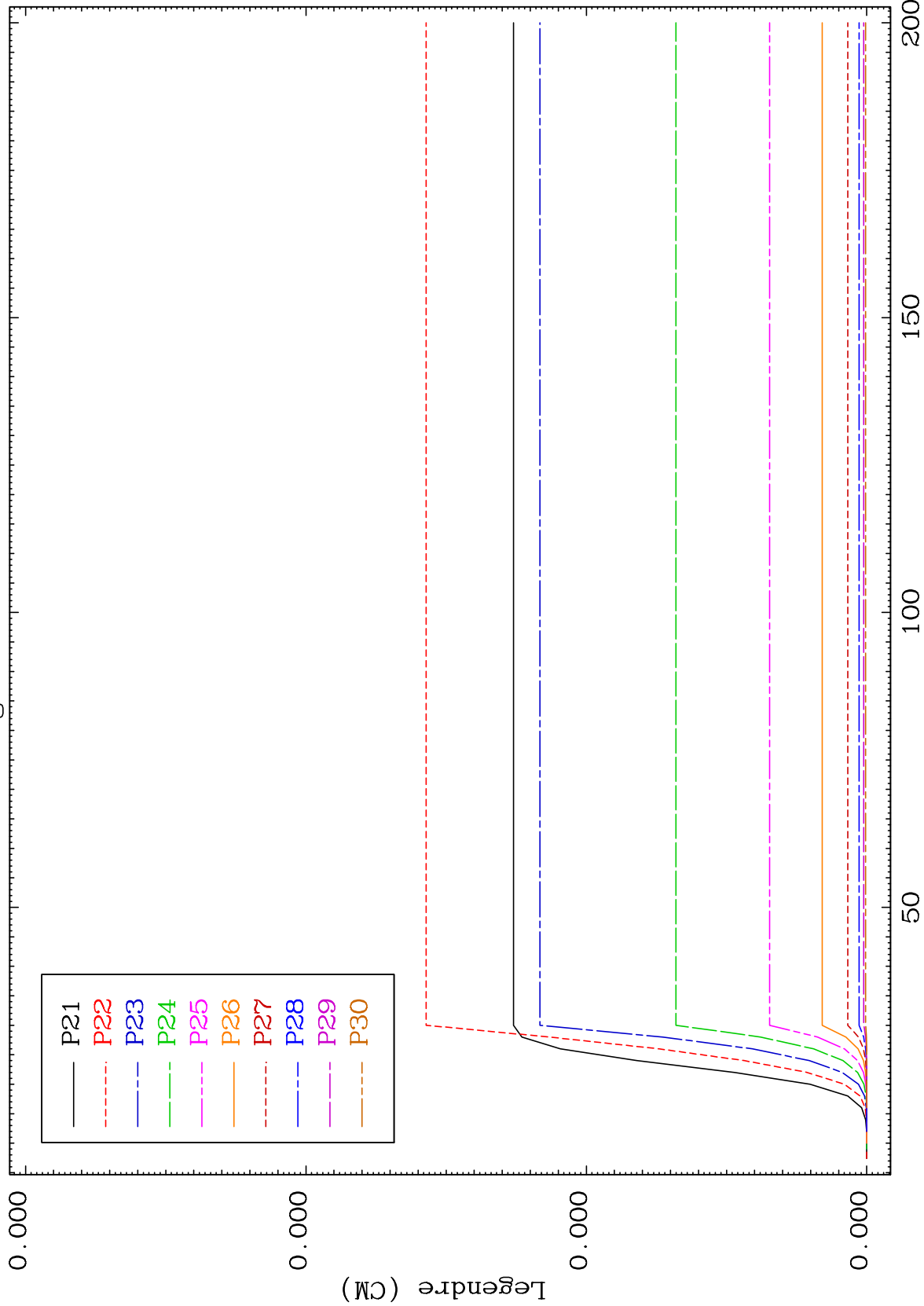


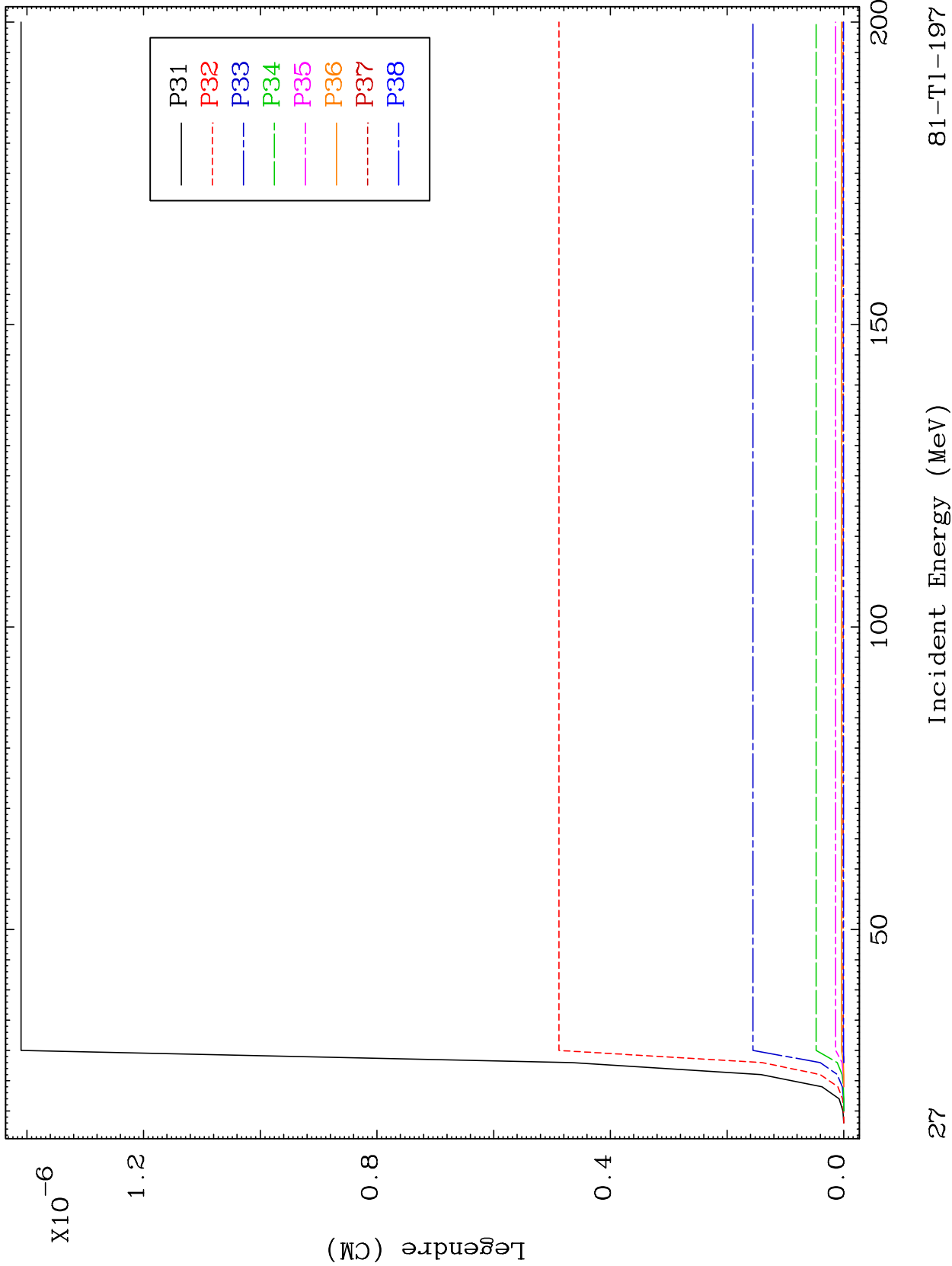
81-T1-197

Incident Energy (MeV)

25

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

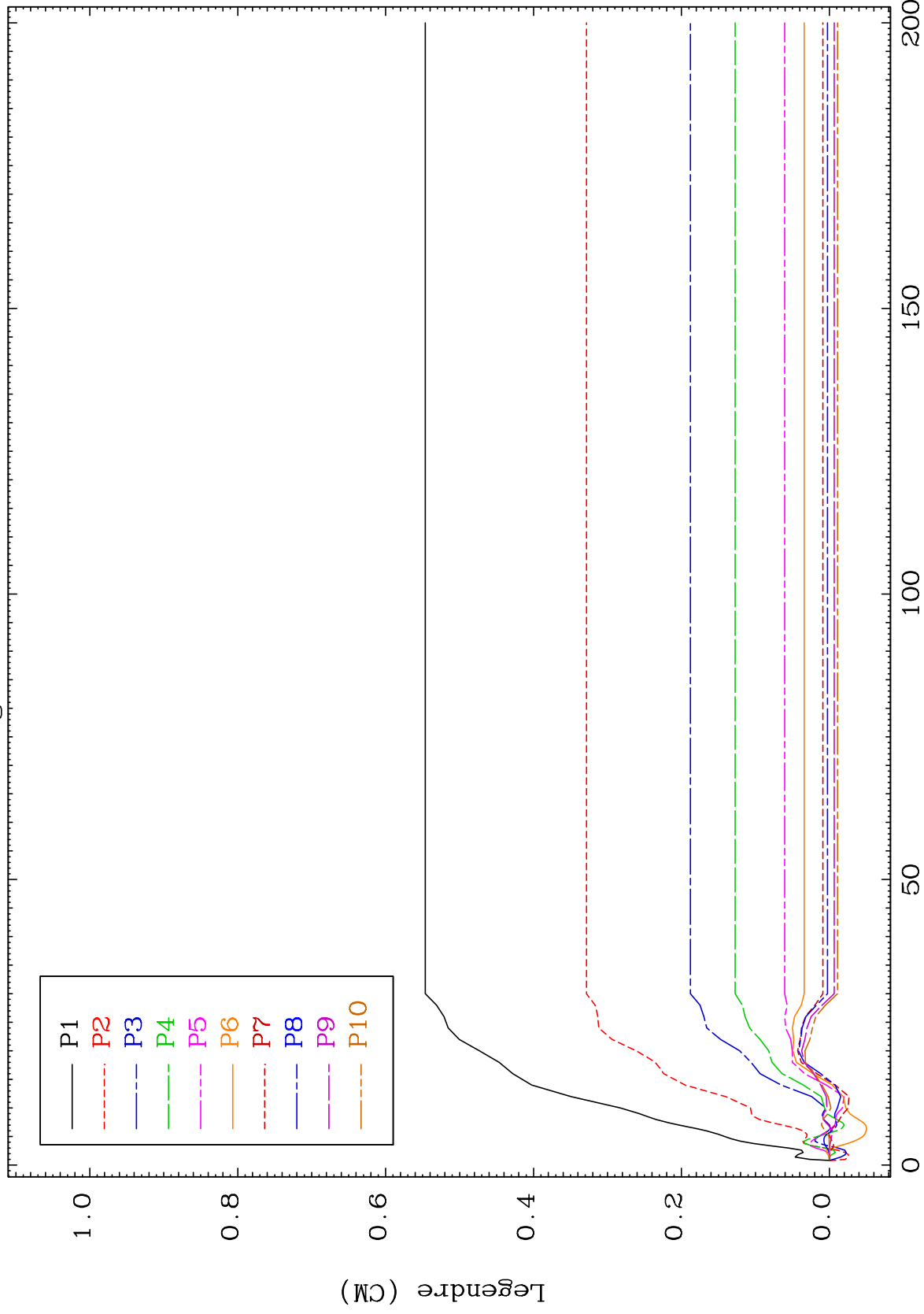




MAT 8107

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

81-T1-197



28

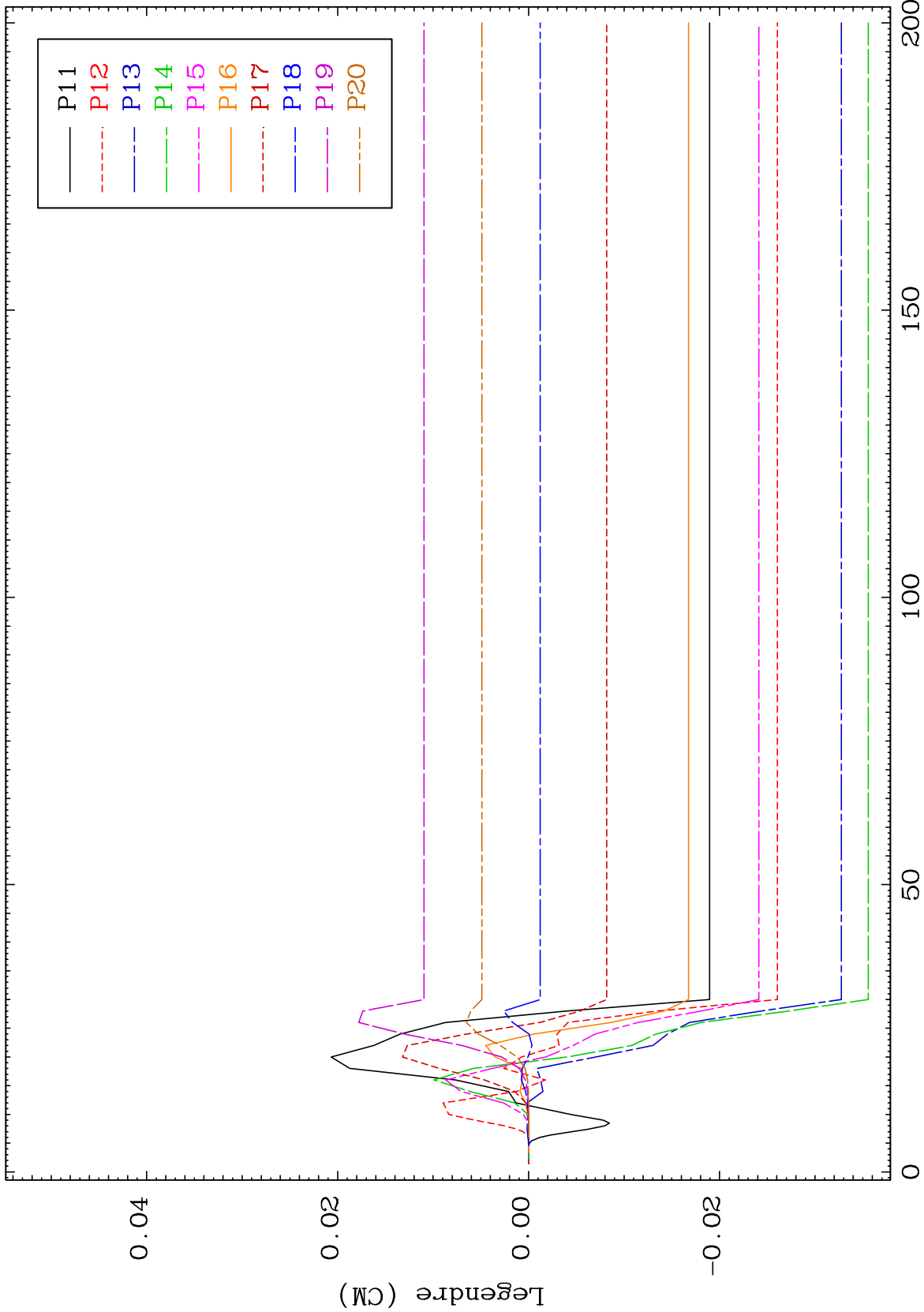
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



29

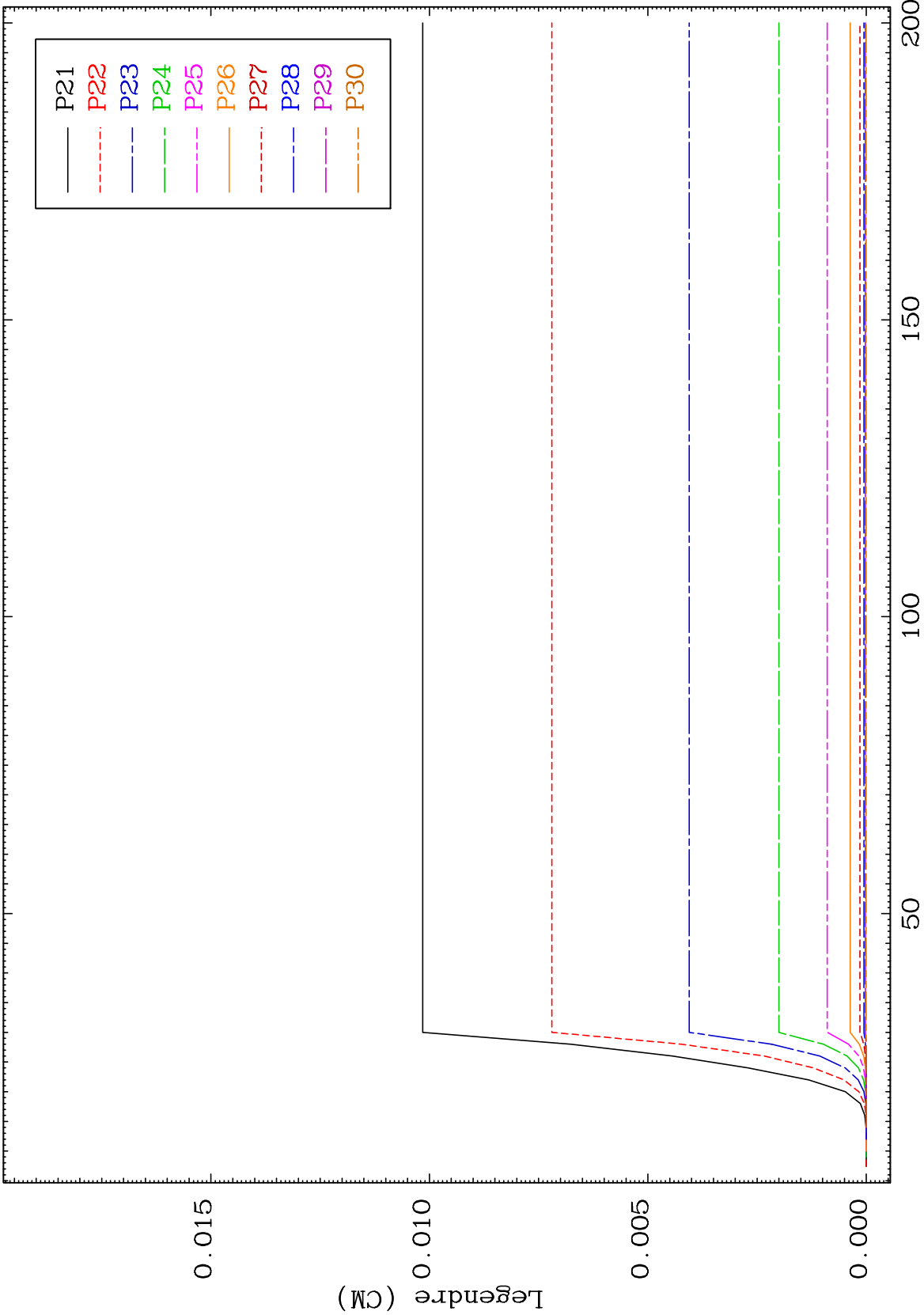
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



30

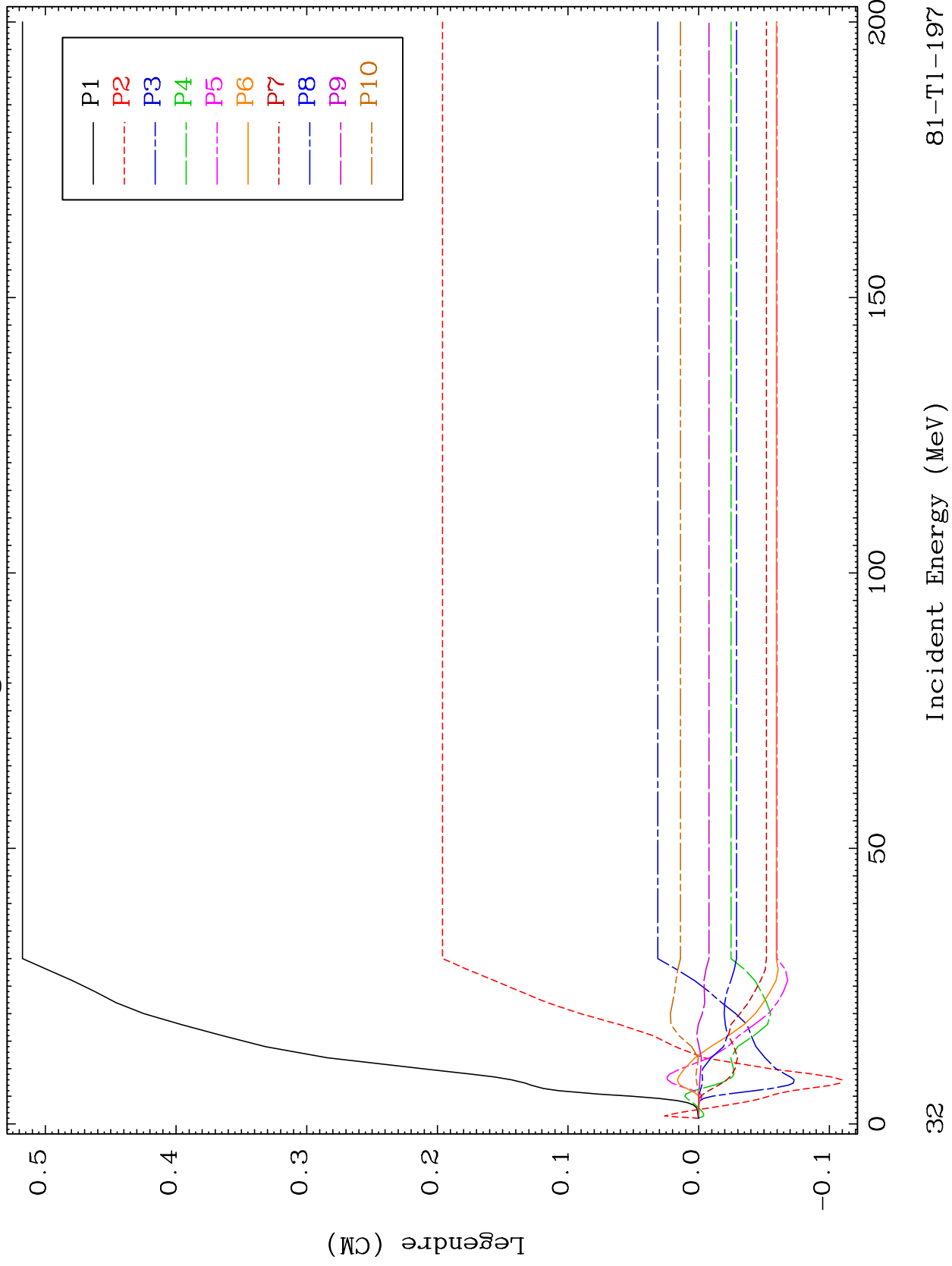
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197

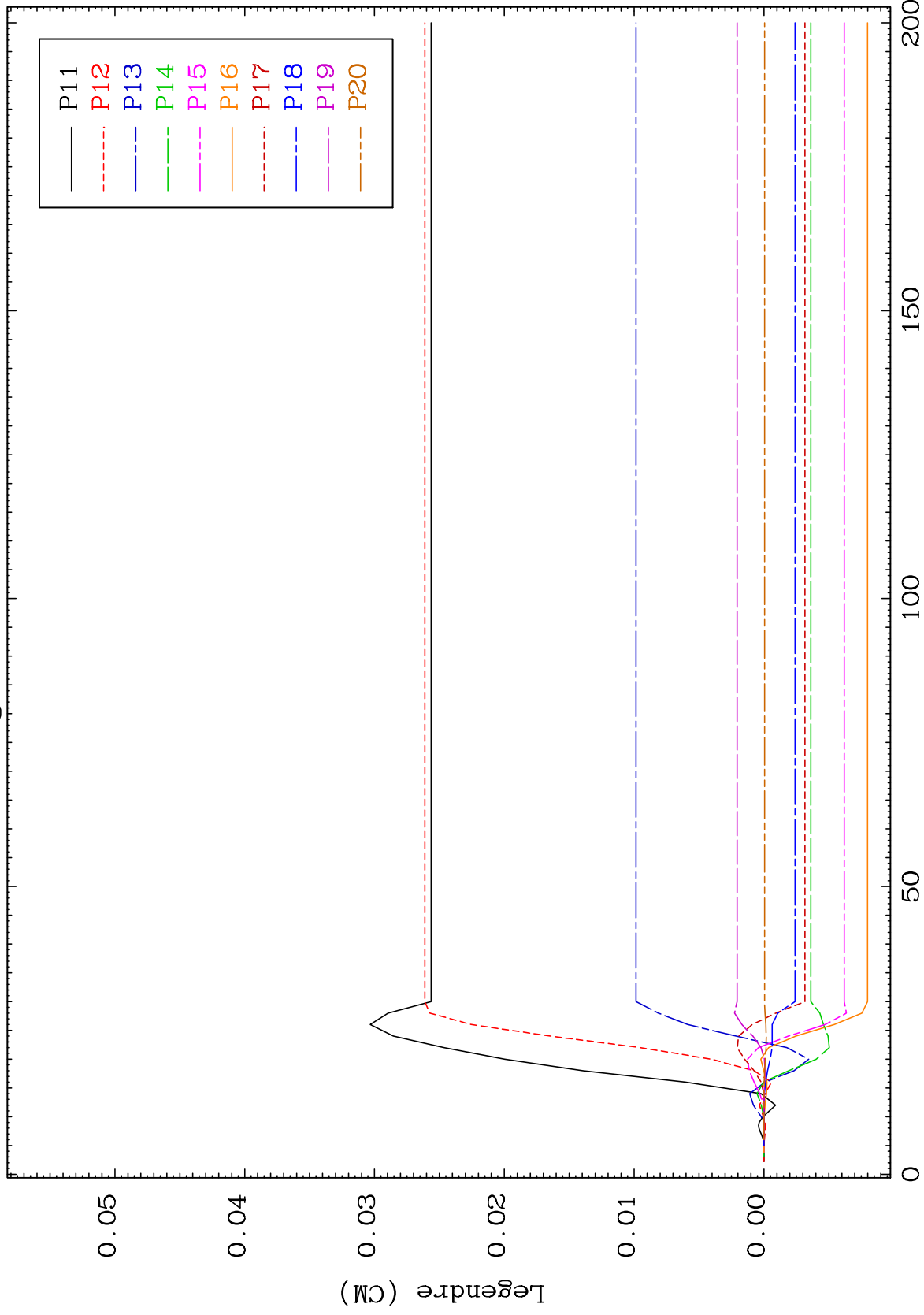


81-Tl-197

MAT 8107

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

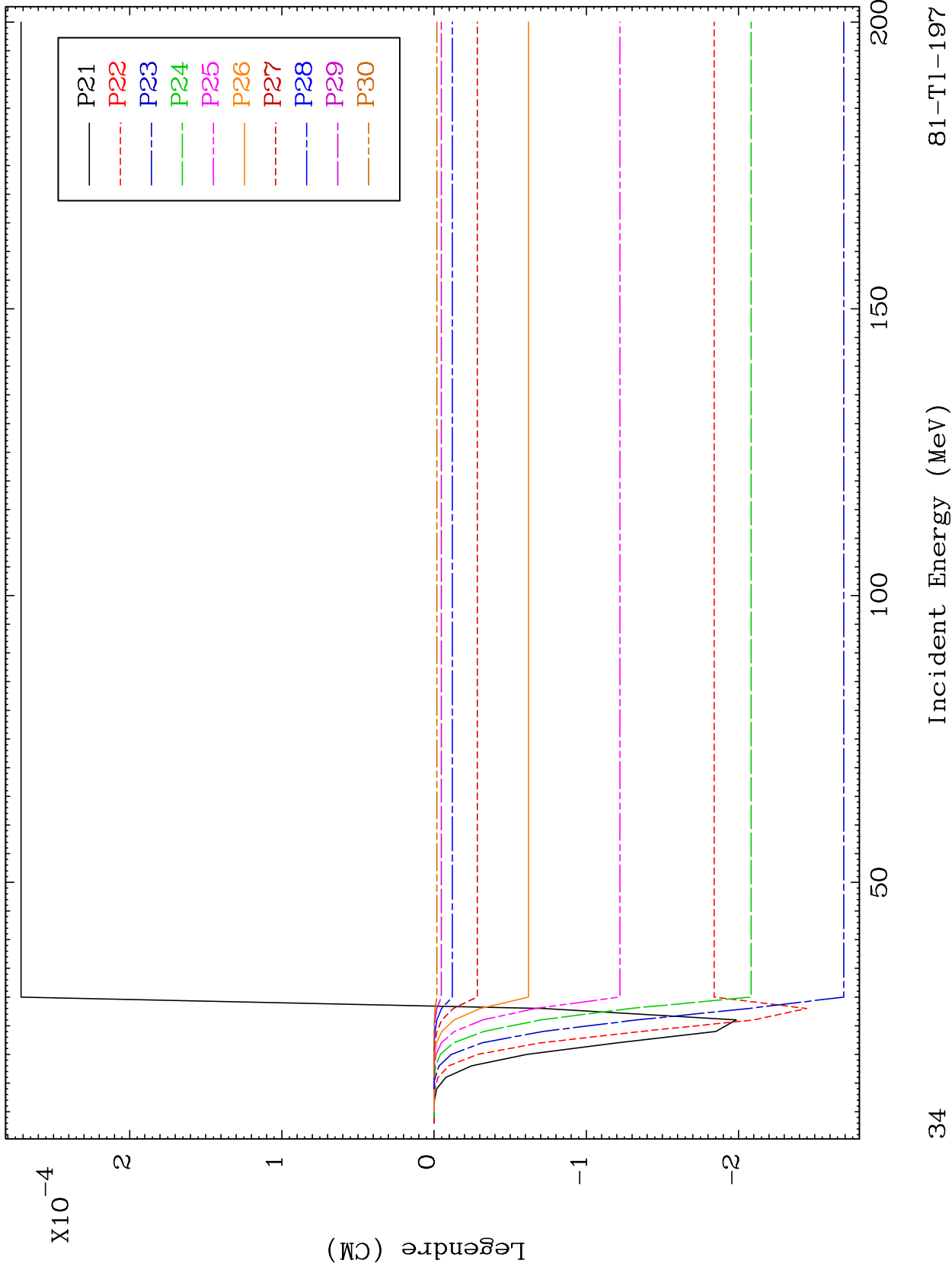
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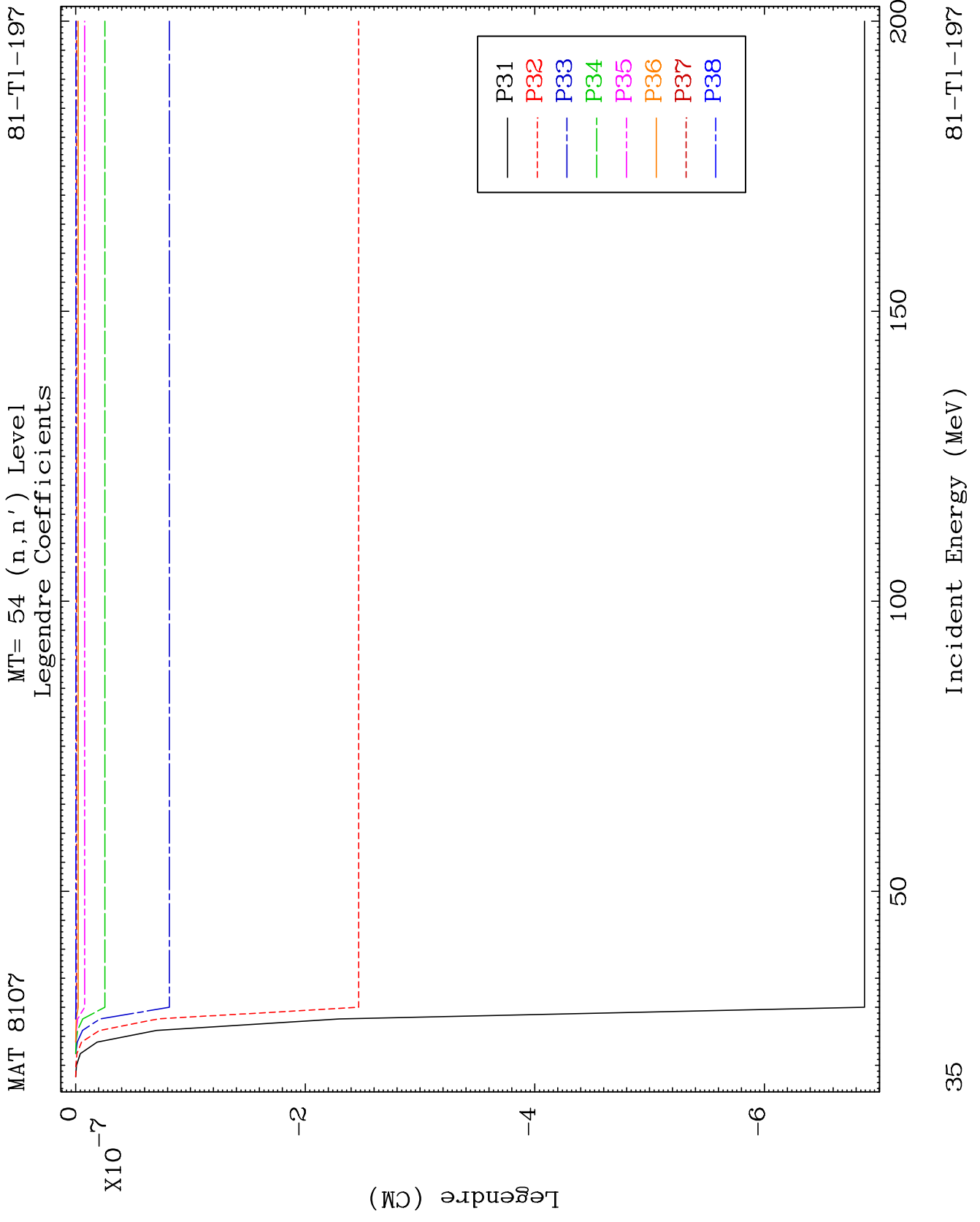


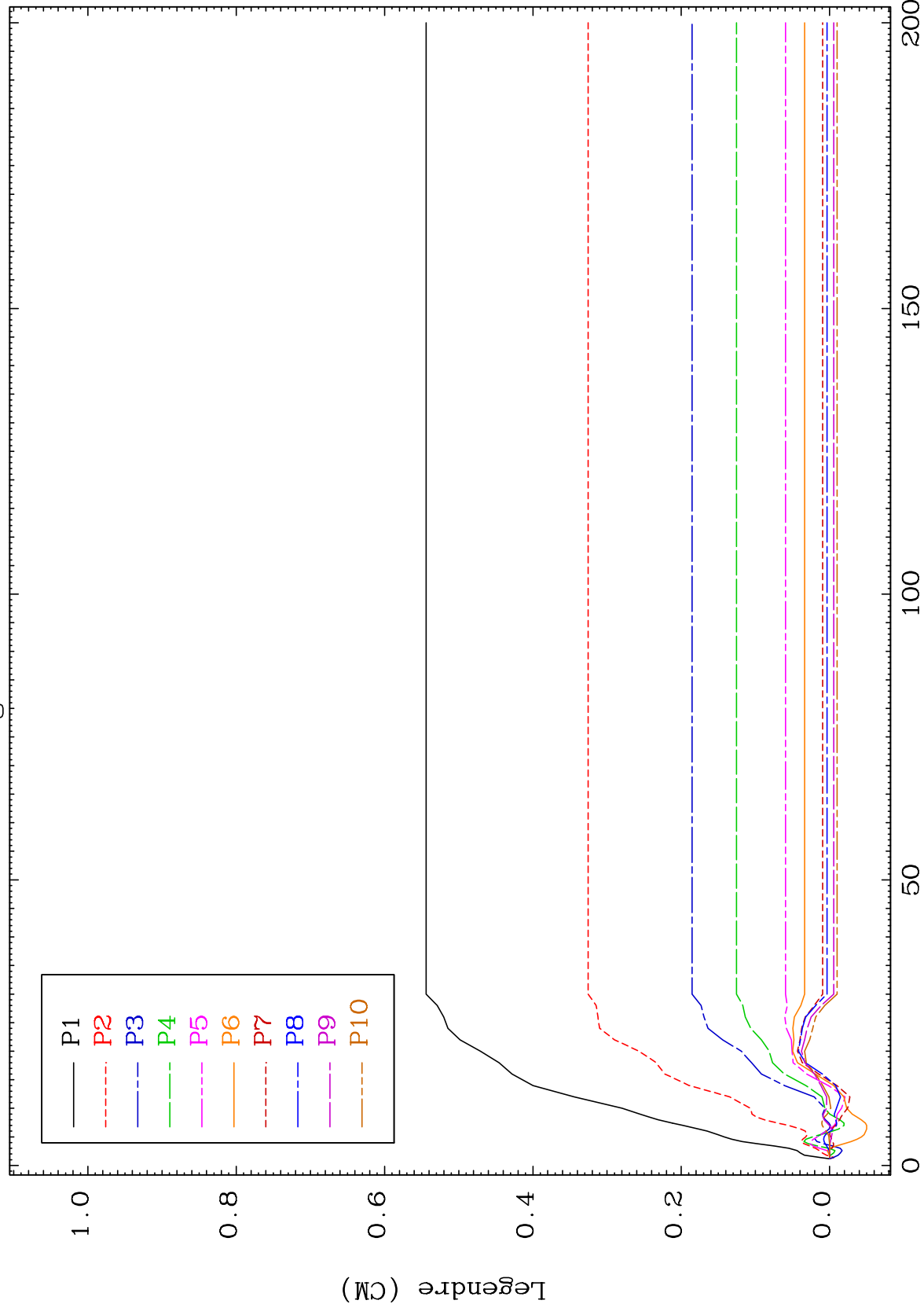
33

Incident Energy (MeV)

81-T1-197



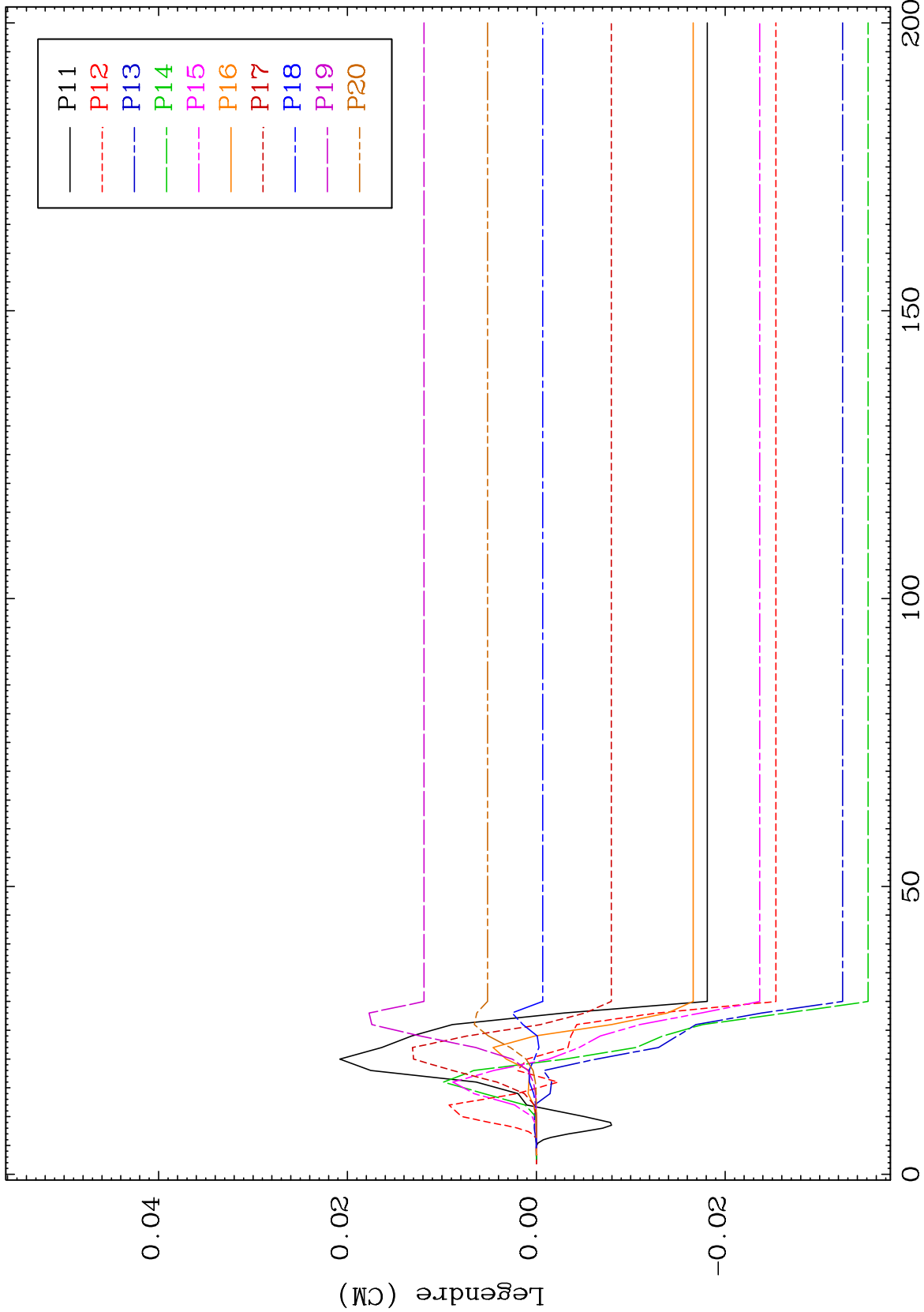




MAT 8107

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

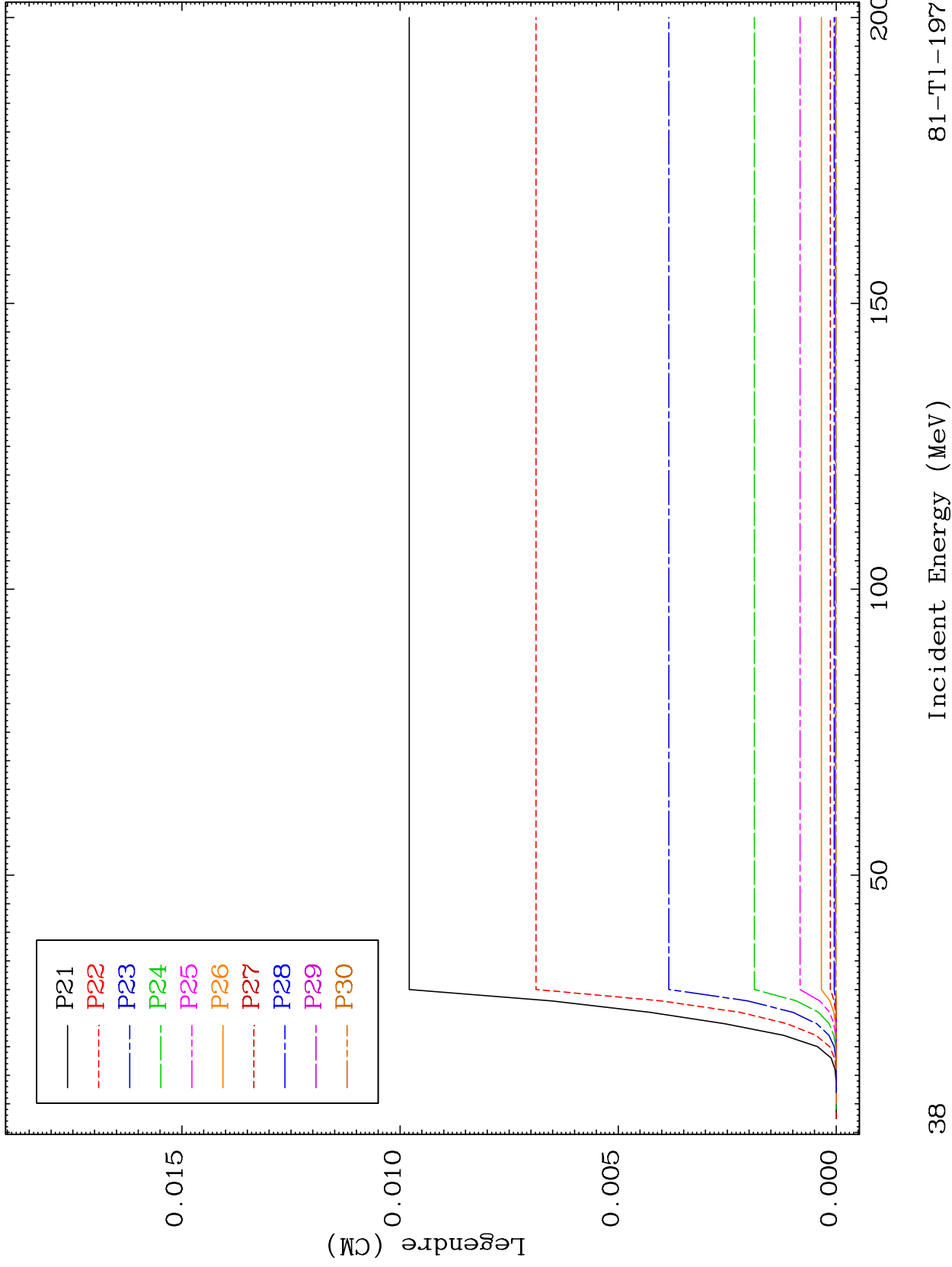
81-T1-197



37

Incident Energy (MeV)

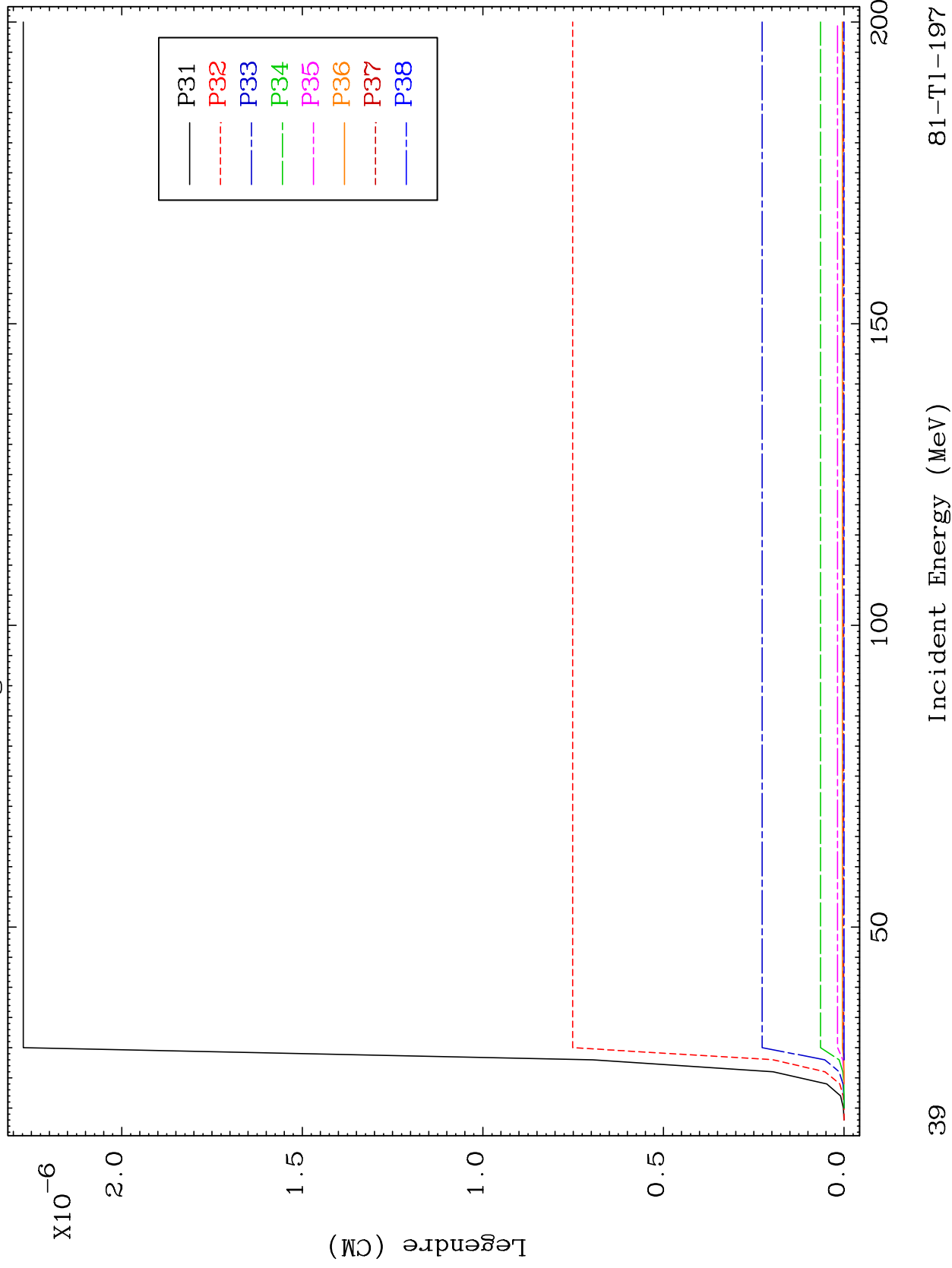
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MAT 8107

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

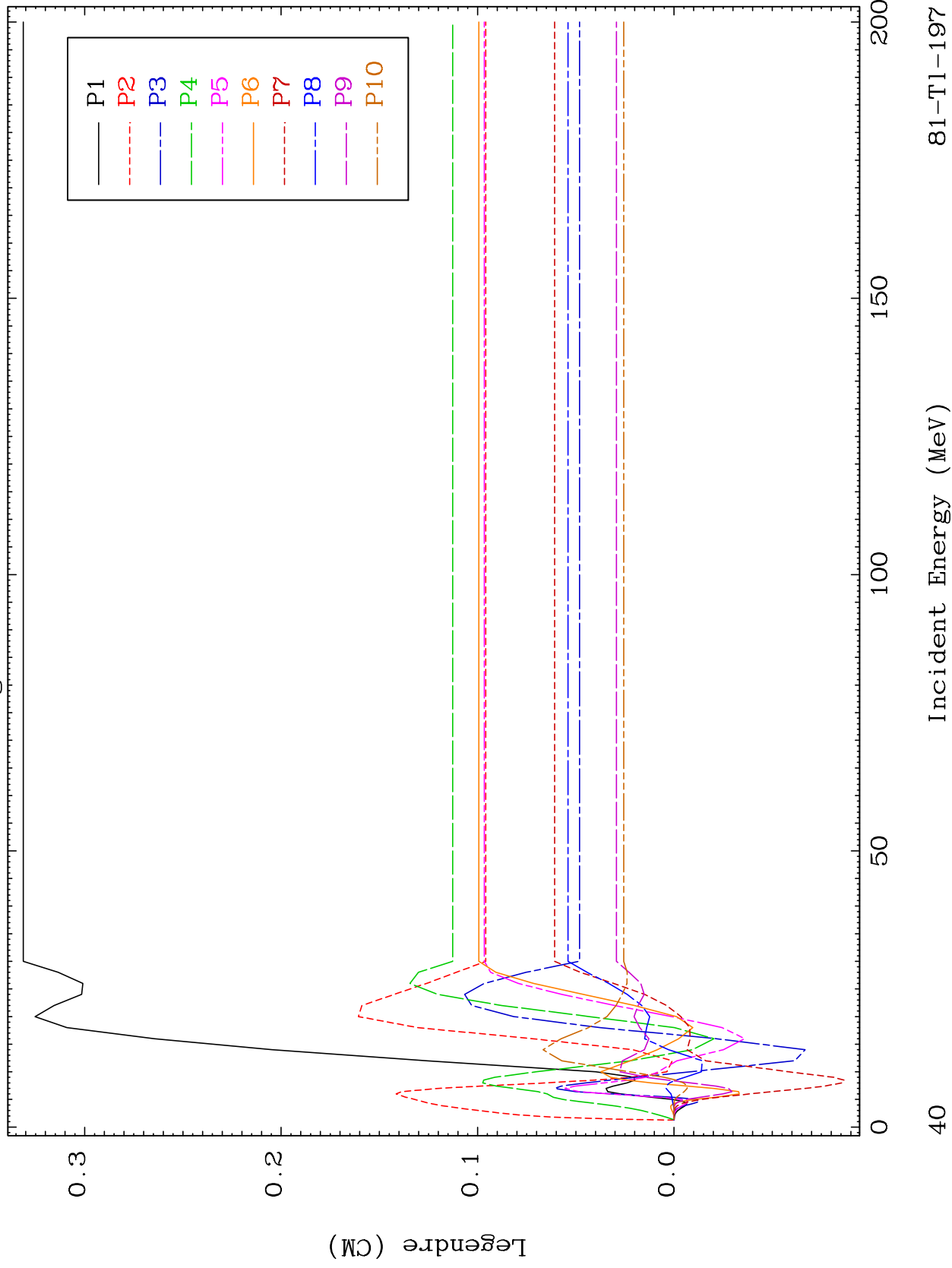
81-Tl-197



MAT 8107

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

81-T1-197

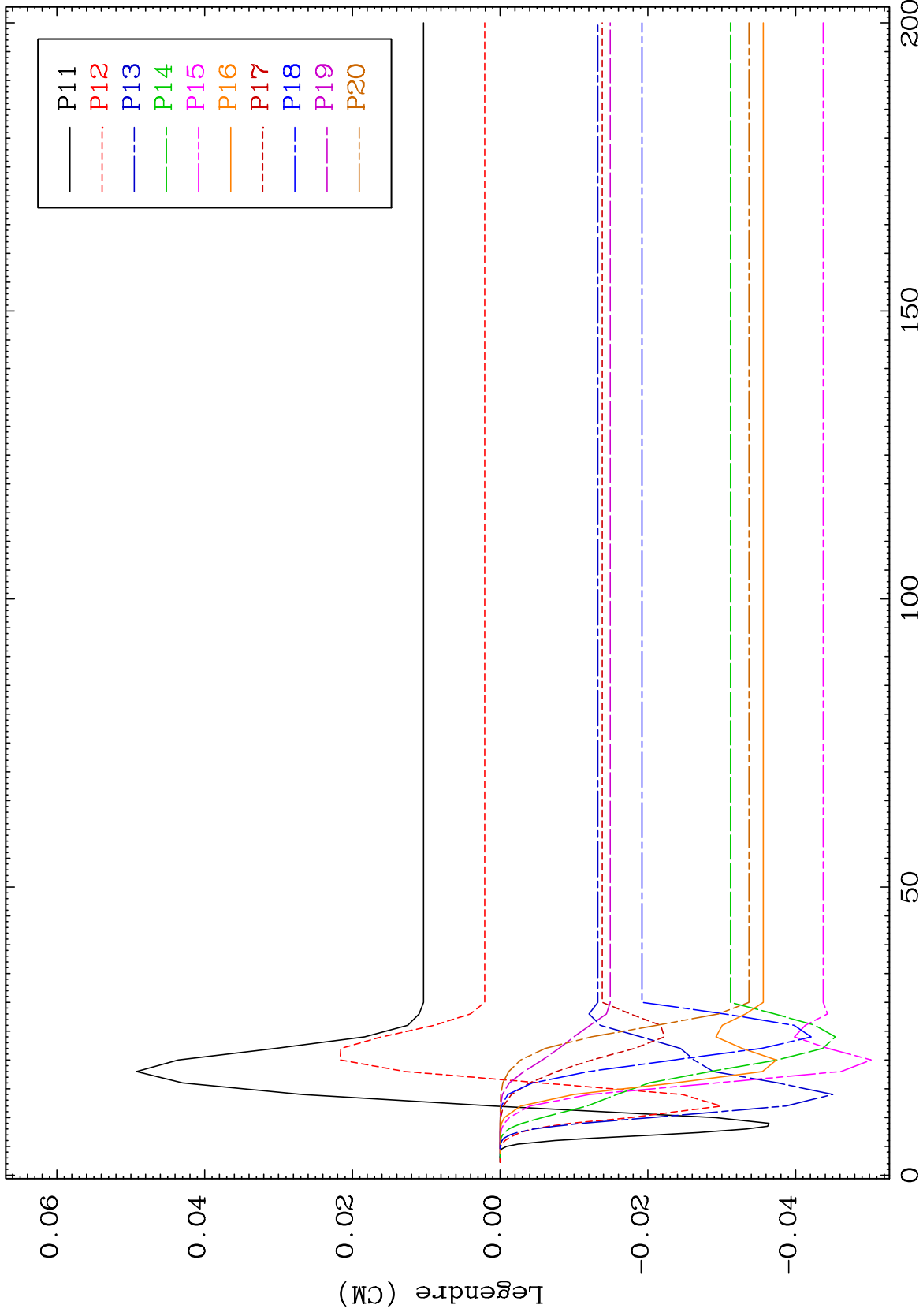


81-T1-197

MAT 8107

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

81-T1-197



41

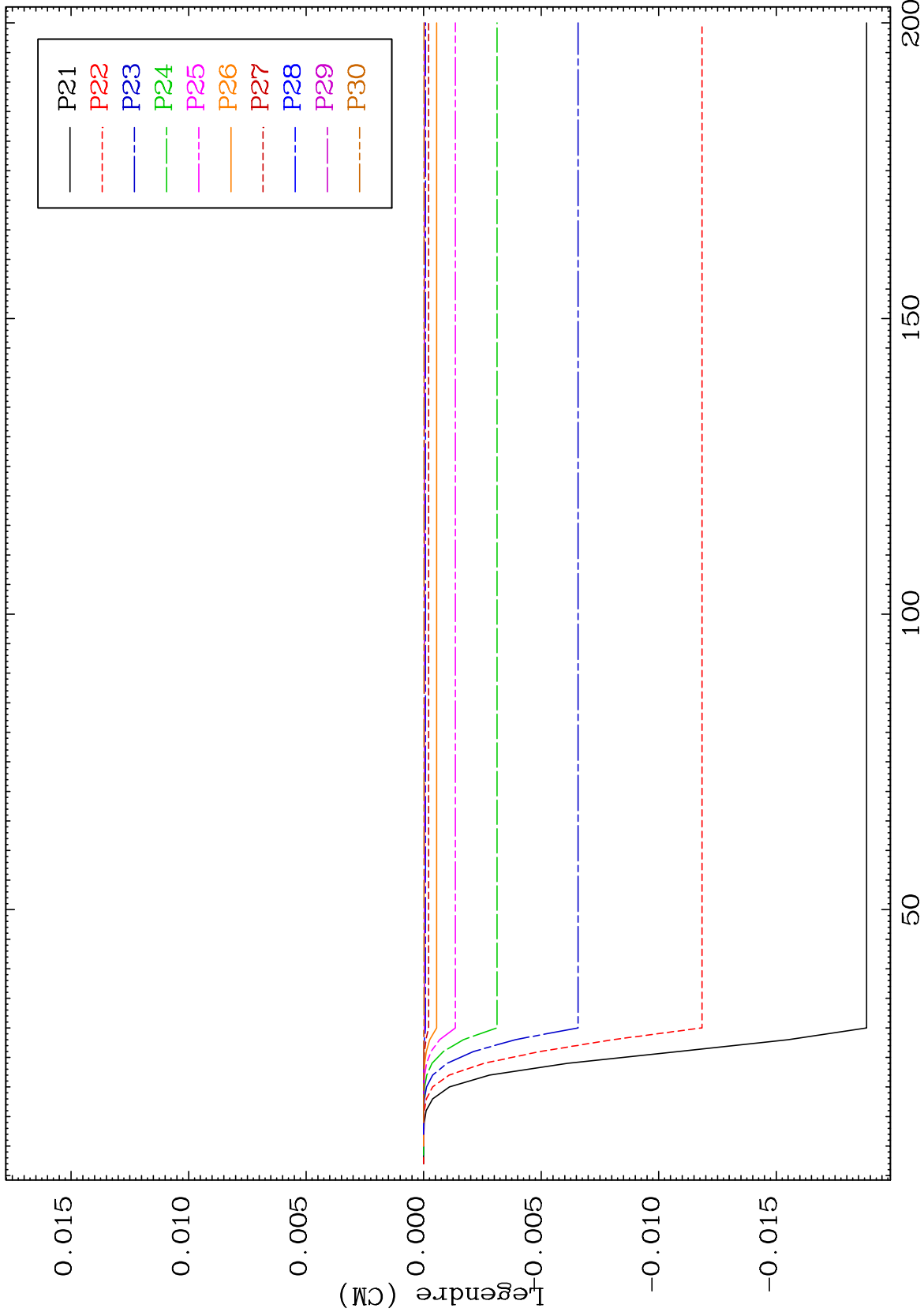
Incident Energy (MeV)

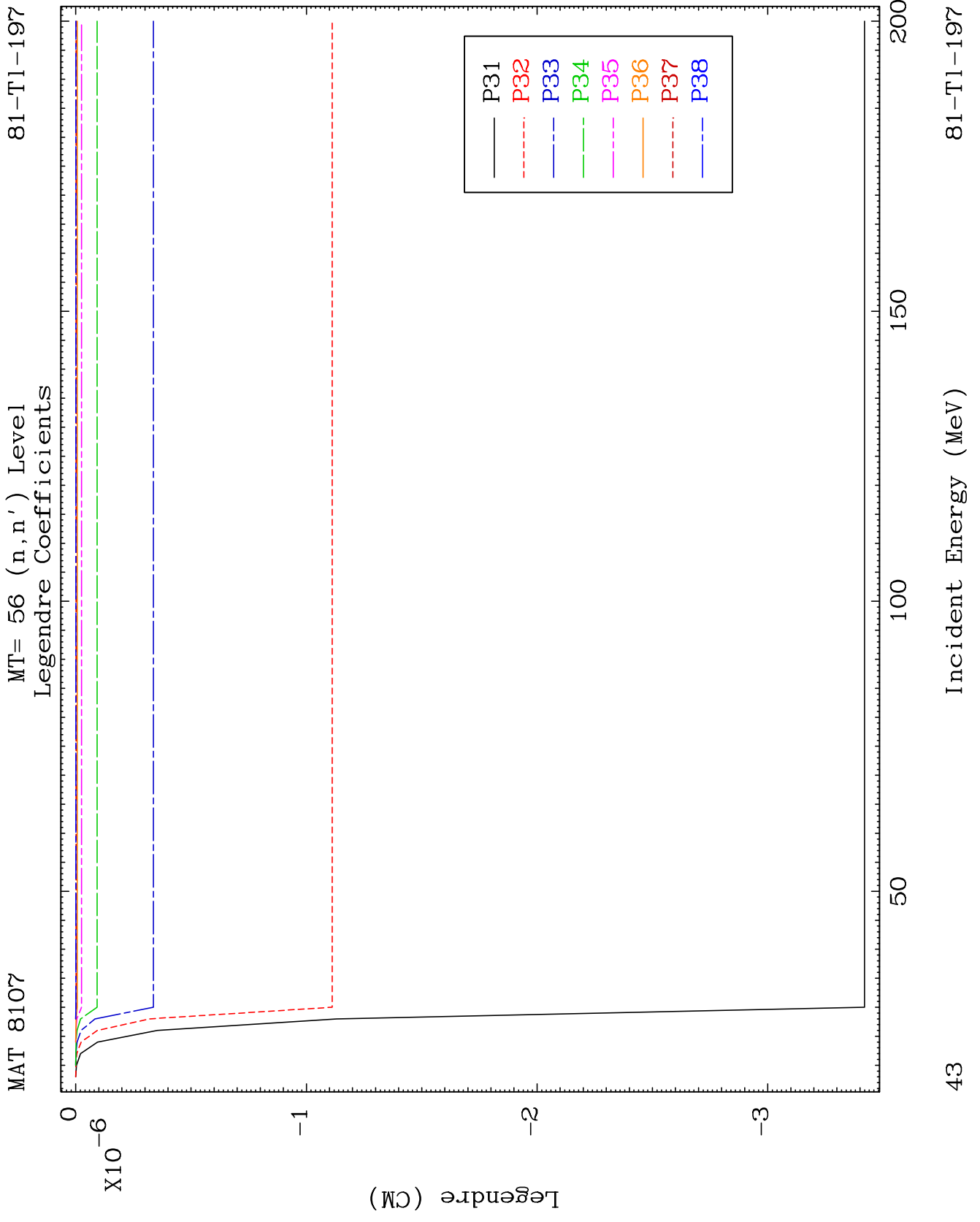
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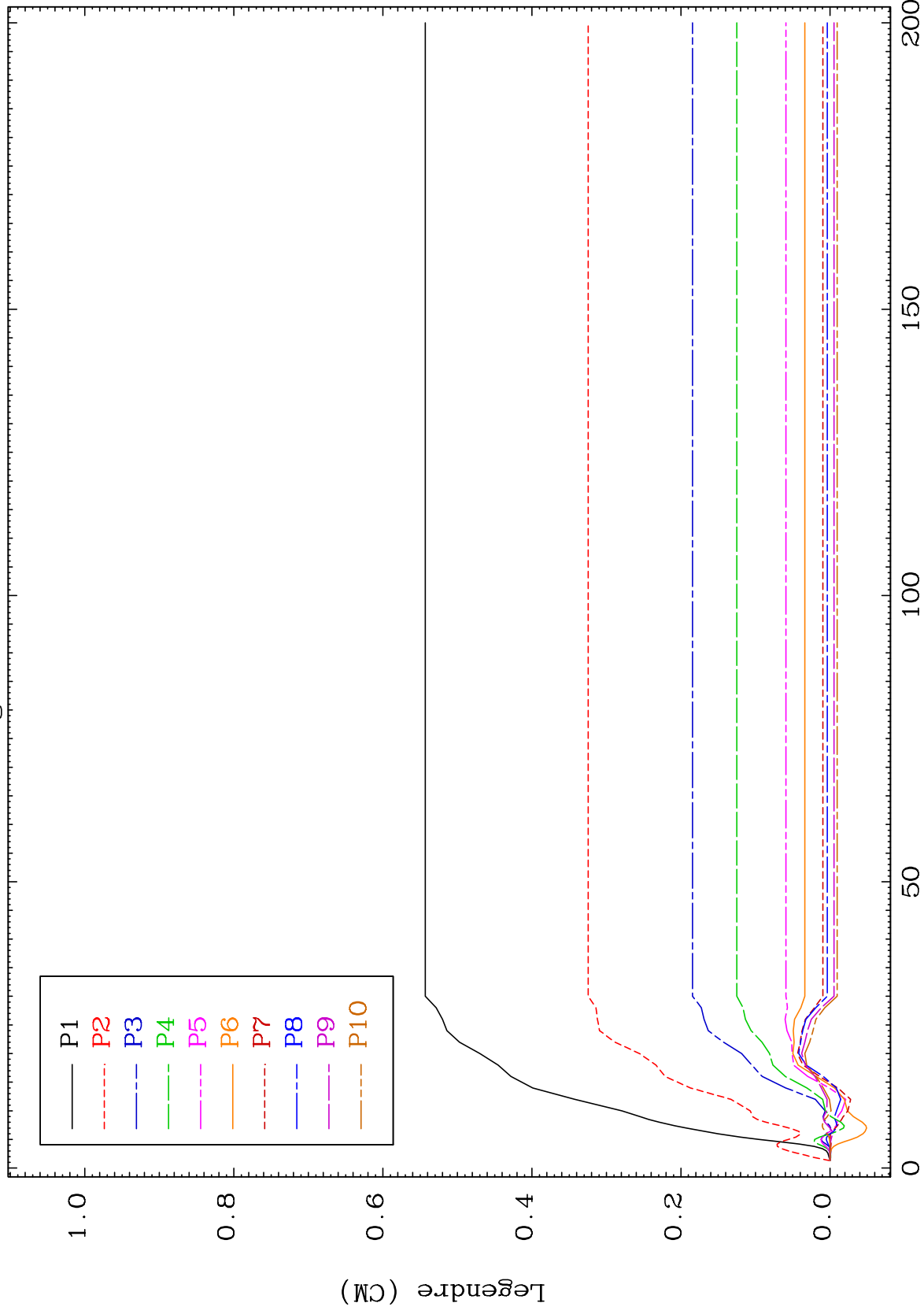
MAT 8107

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

81-T1-197



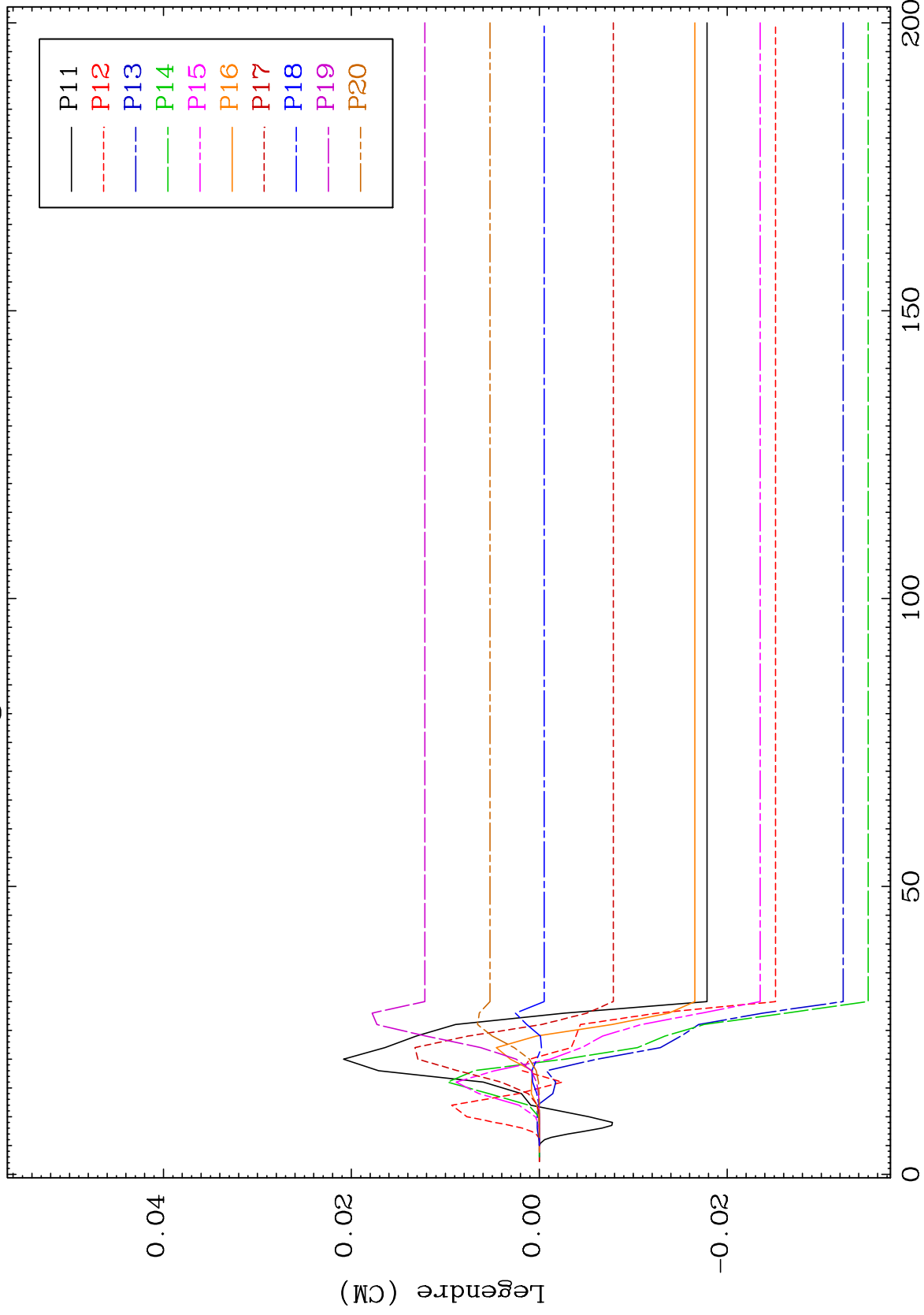




MAT 8107

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

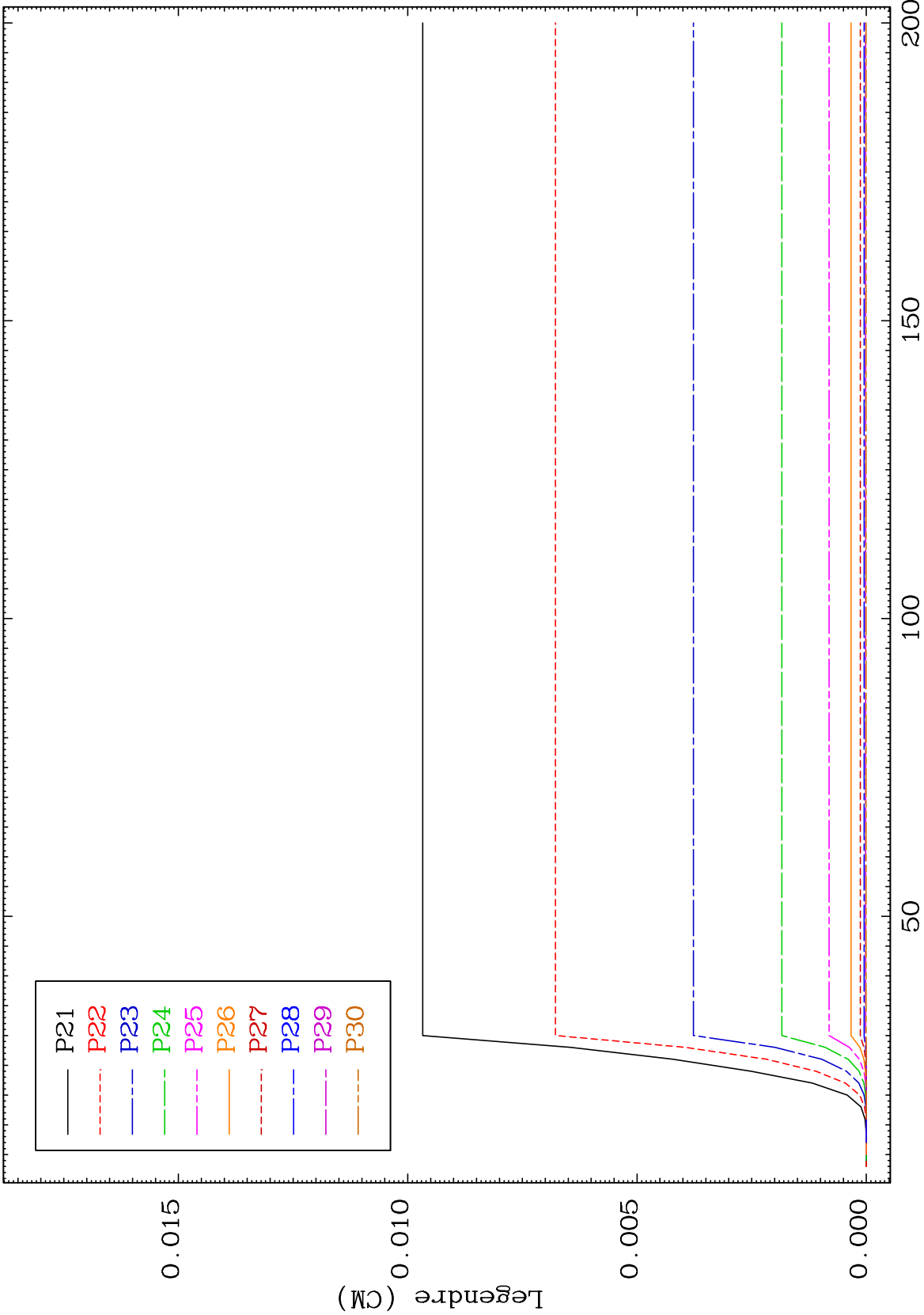
81-T1-197



45

Incident Energy (MeV)

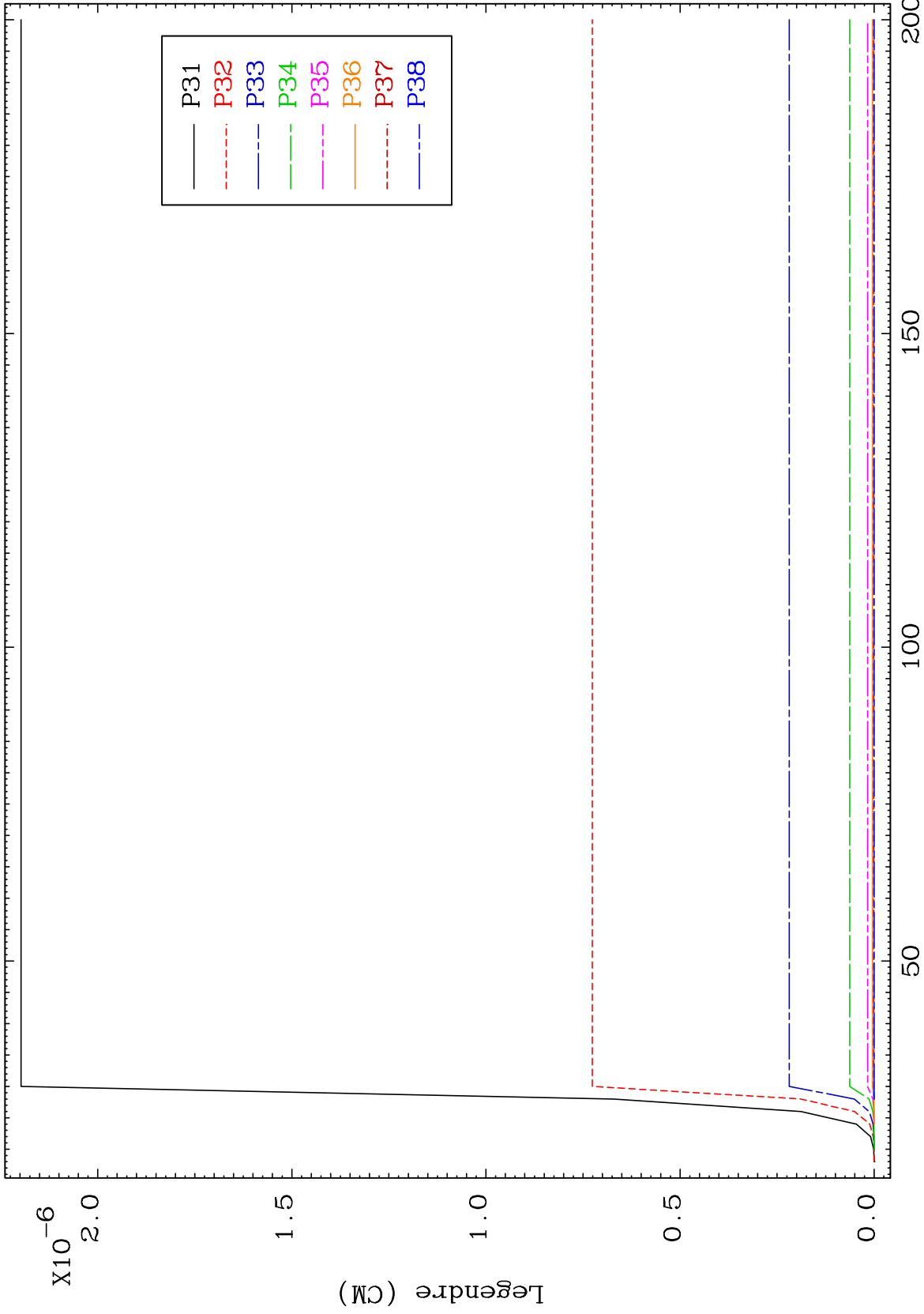
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MAT 8107

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

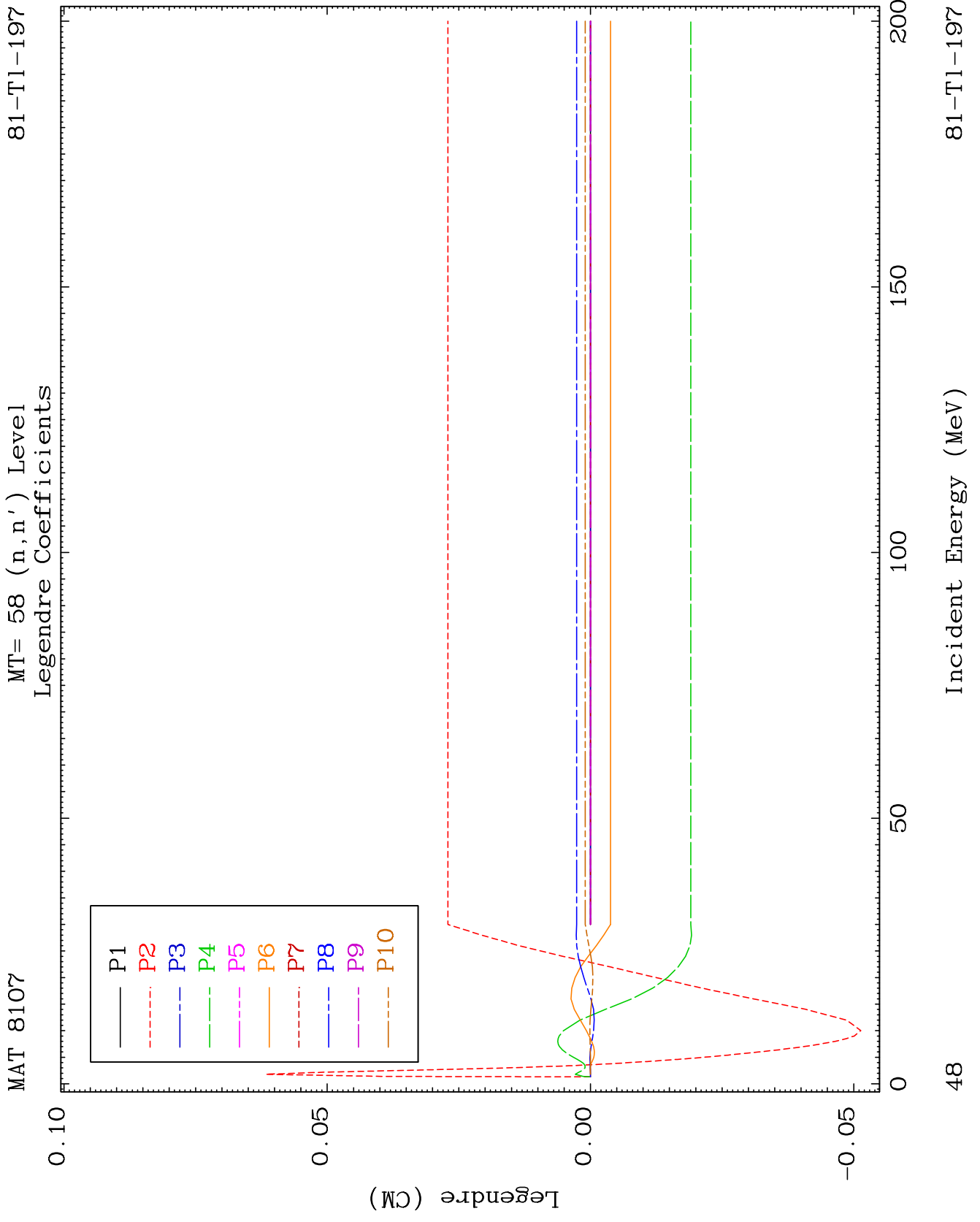
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47

Incident Energy (MeV)

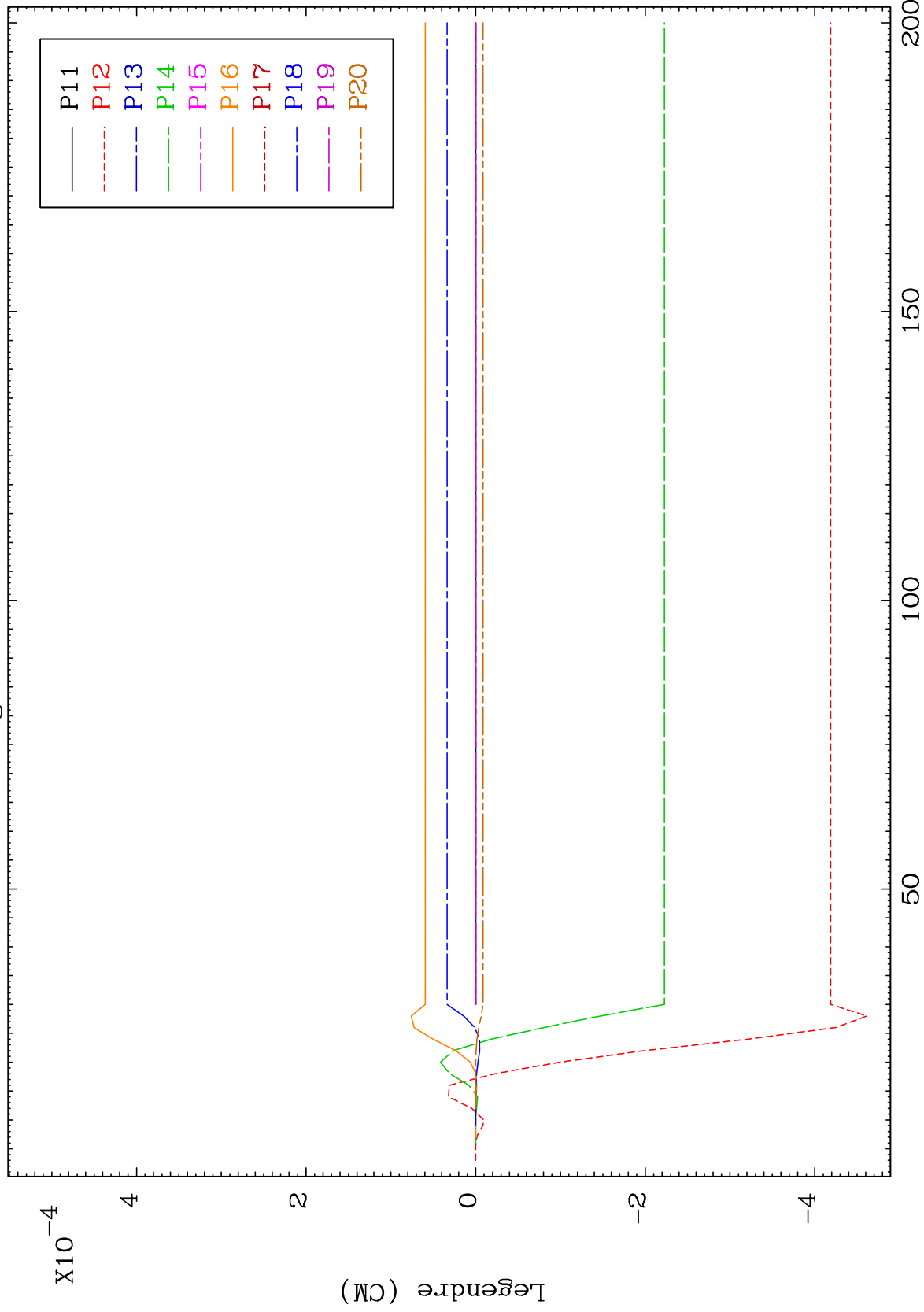
81-T1-197



MAT 8107

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

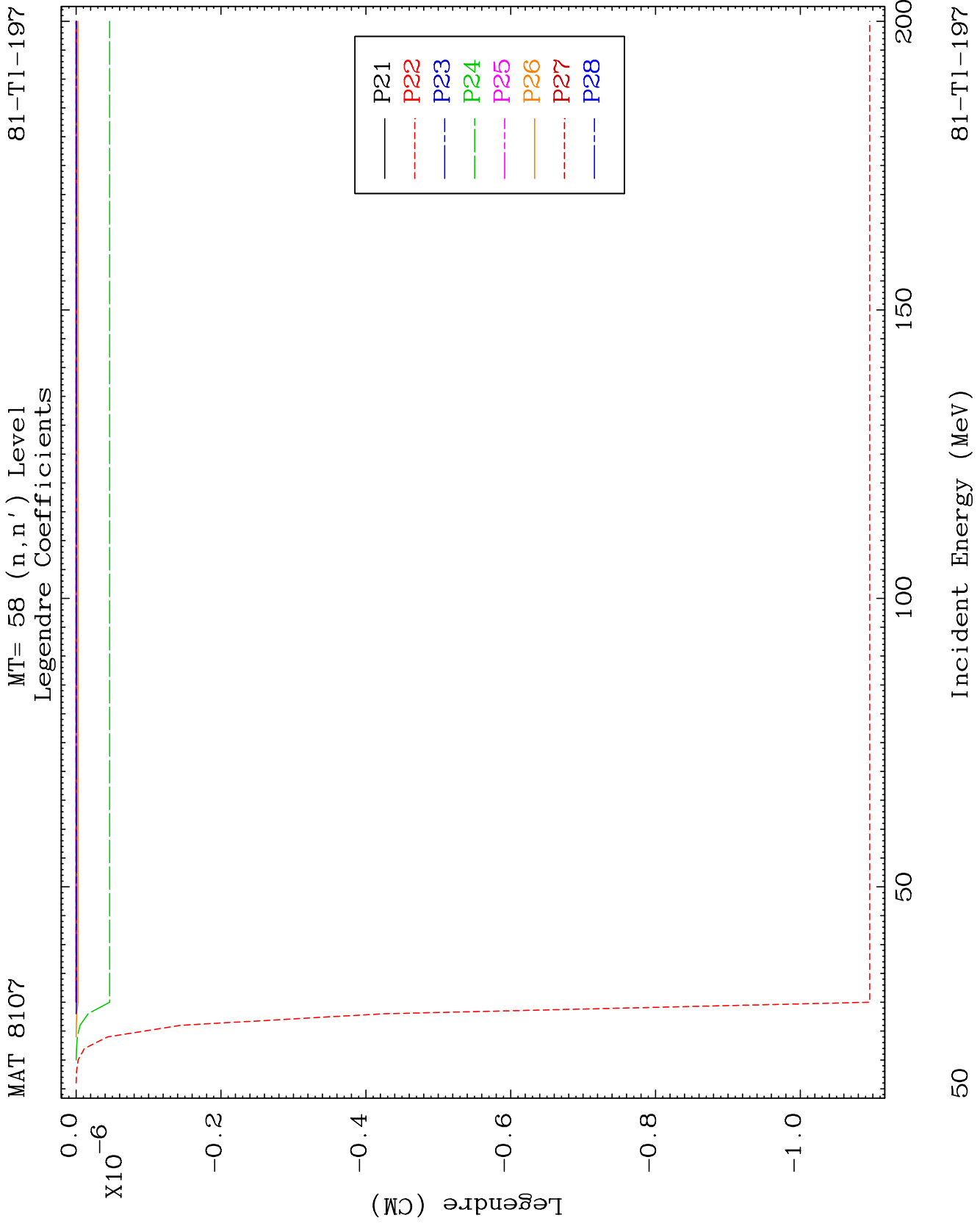
81-Tl-197



49

Incident Energy (MeV)

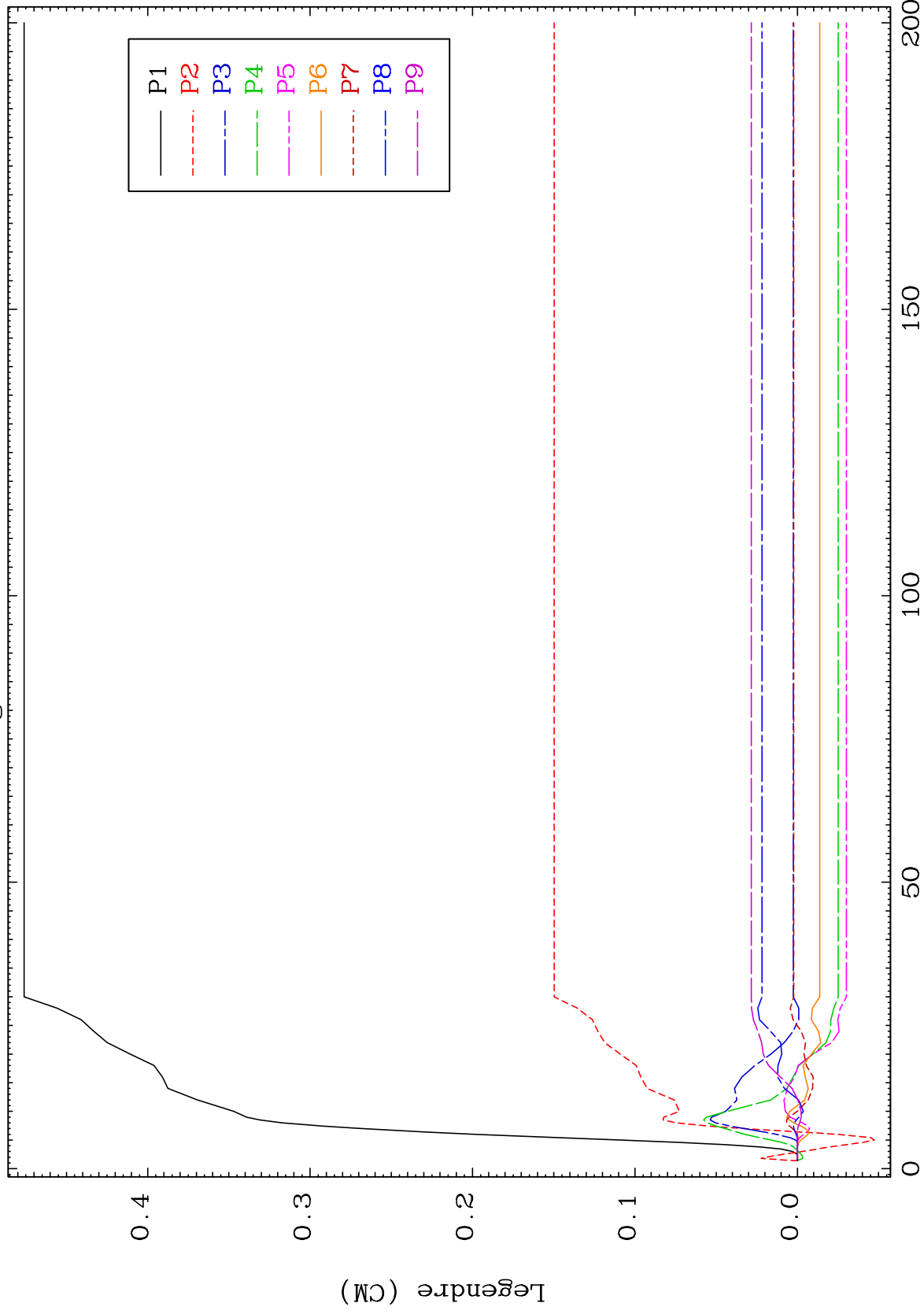
81-Tl-197



MAT 8107

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

81-T1-197



51

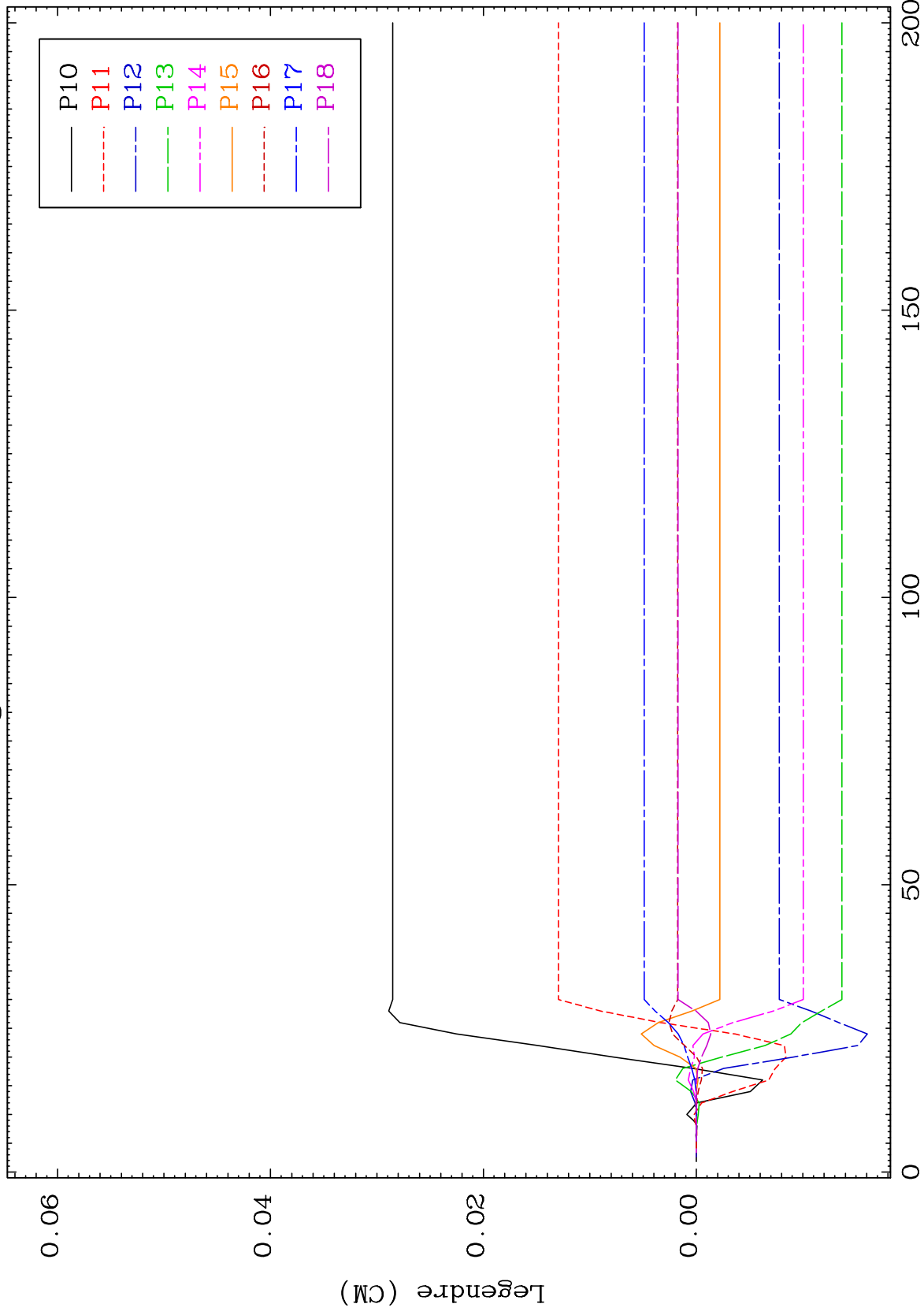
Incident Energy (MeV)

81-T1-197

MAT 8107

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

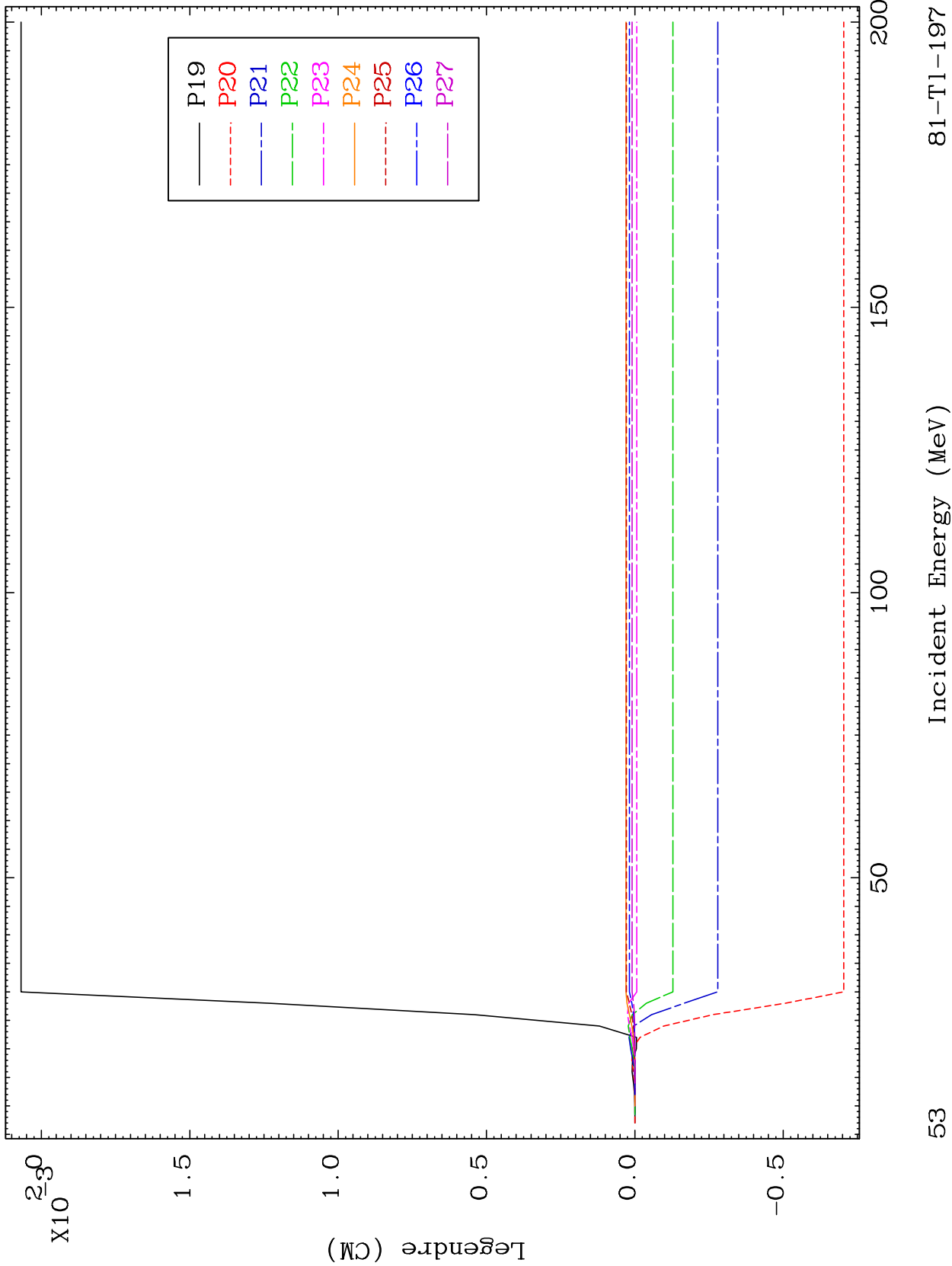
81-Tl-197



52

Incident Energy (MeV)

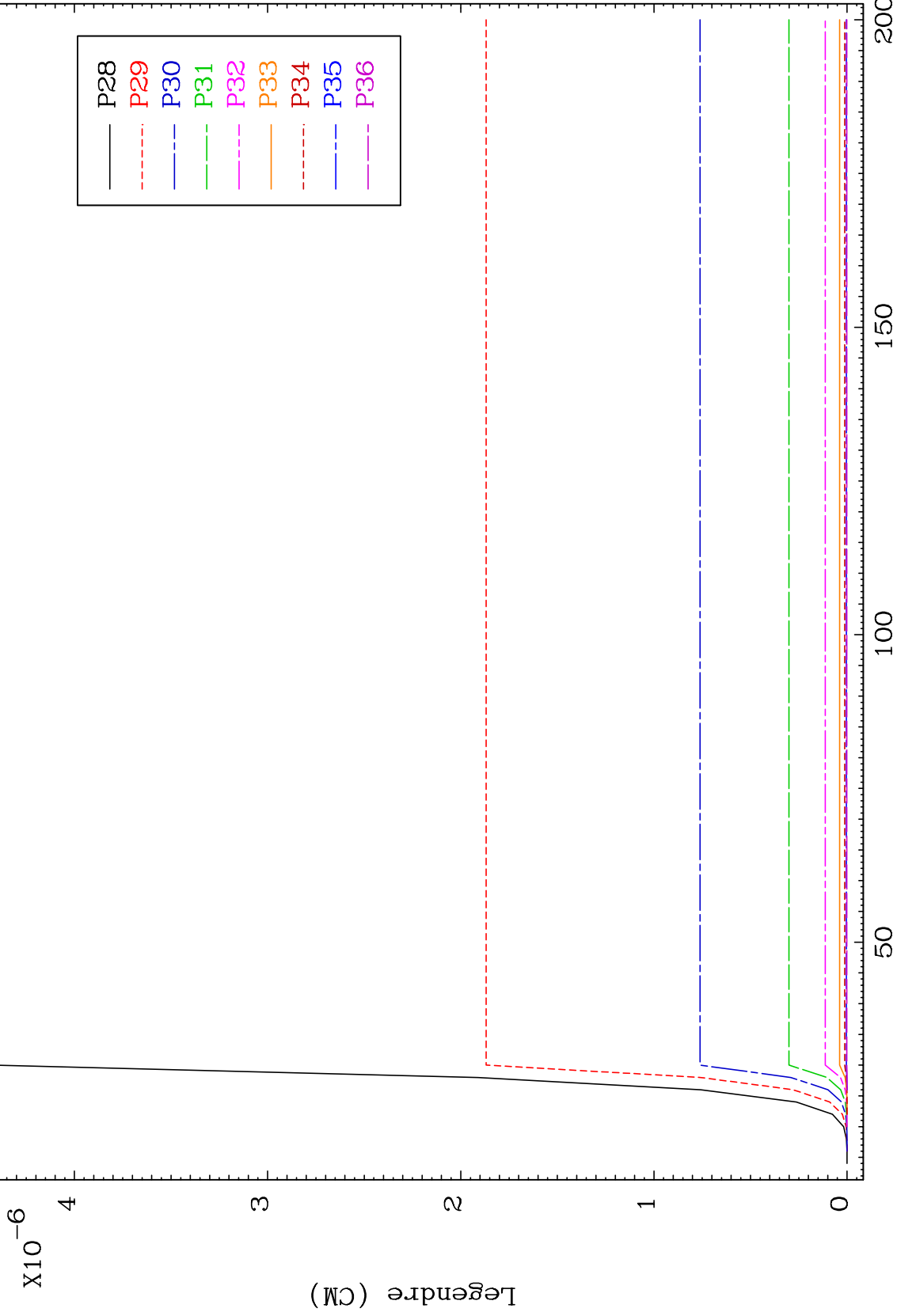
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MAT 8107

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

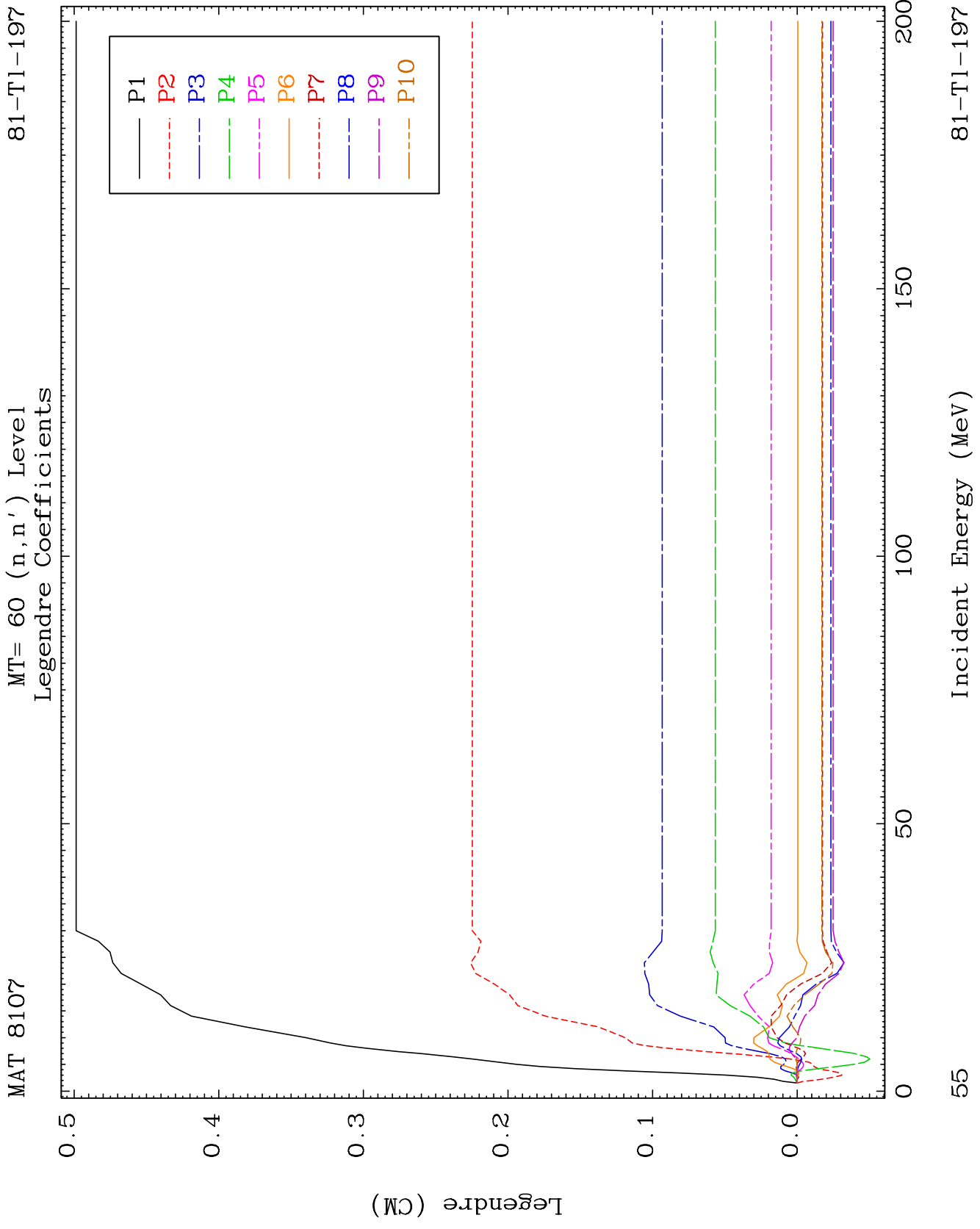
81-Tl-197



54

Incident Energy (MeV)

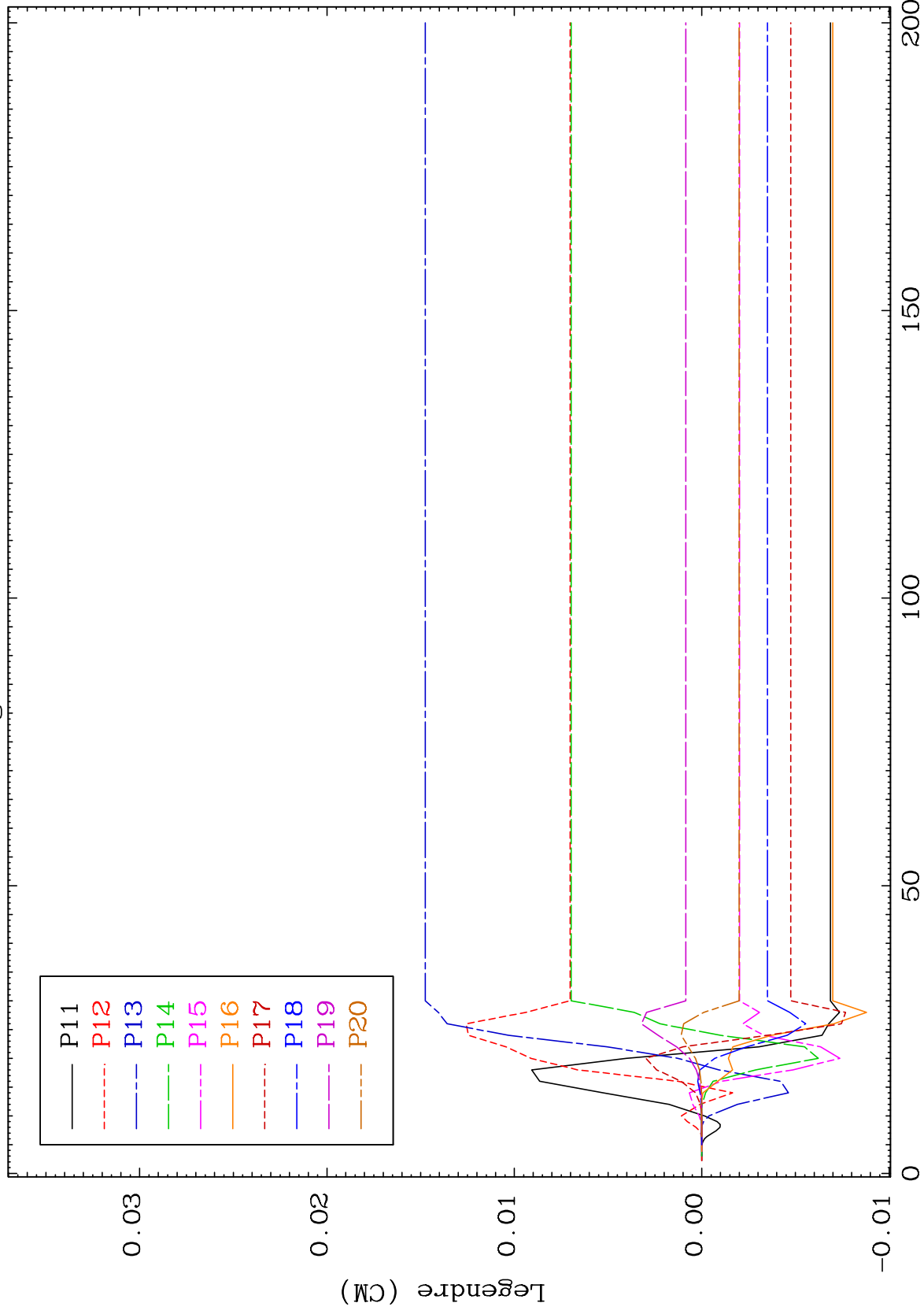
81-Tl-197



MAT 8107

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

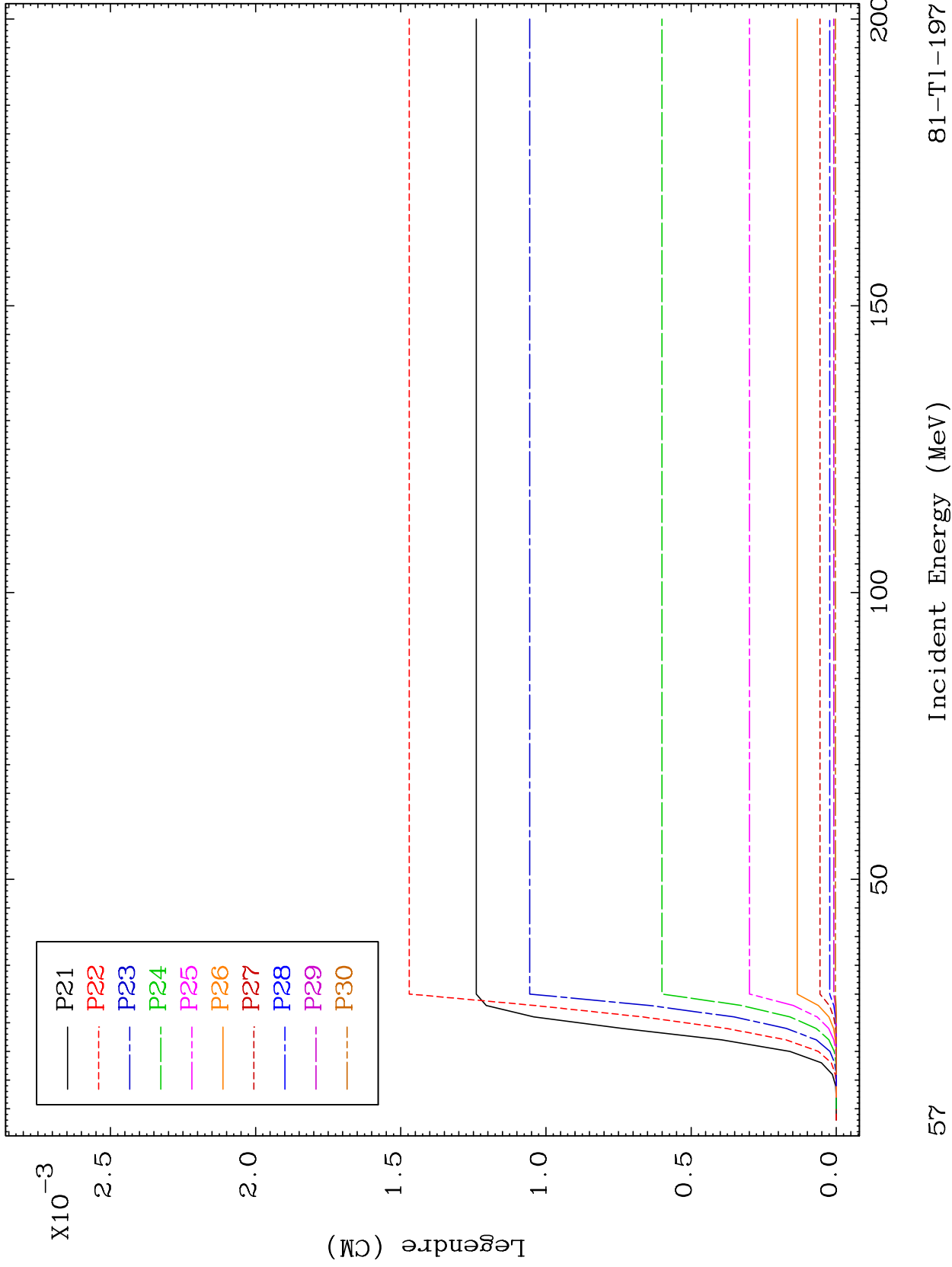
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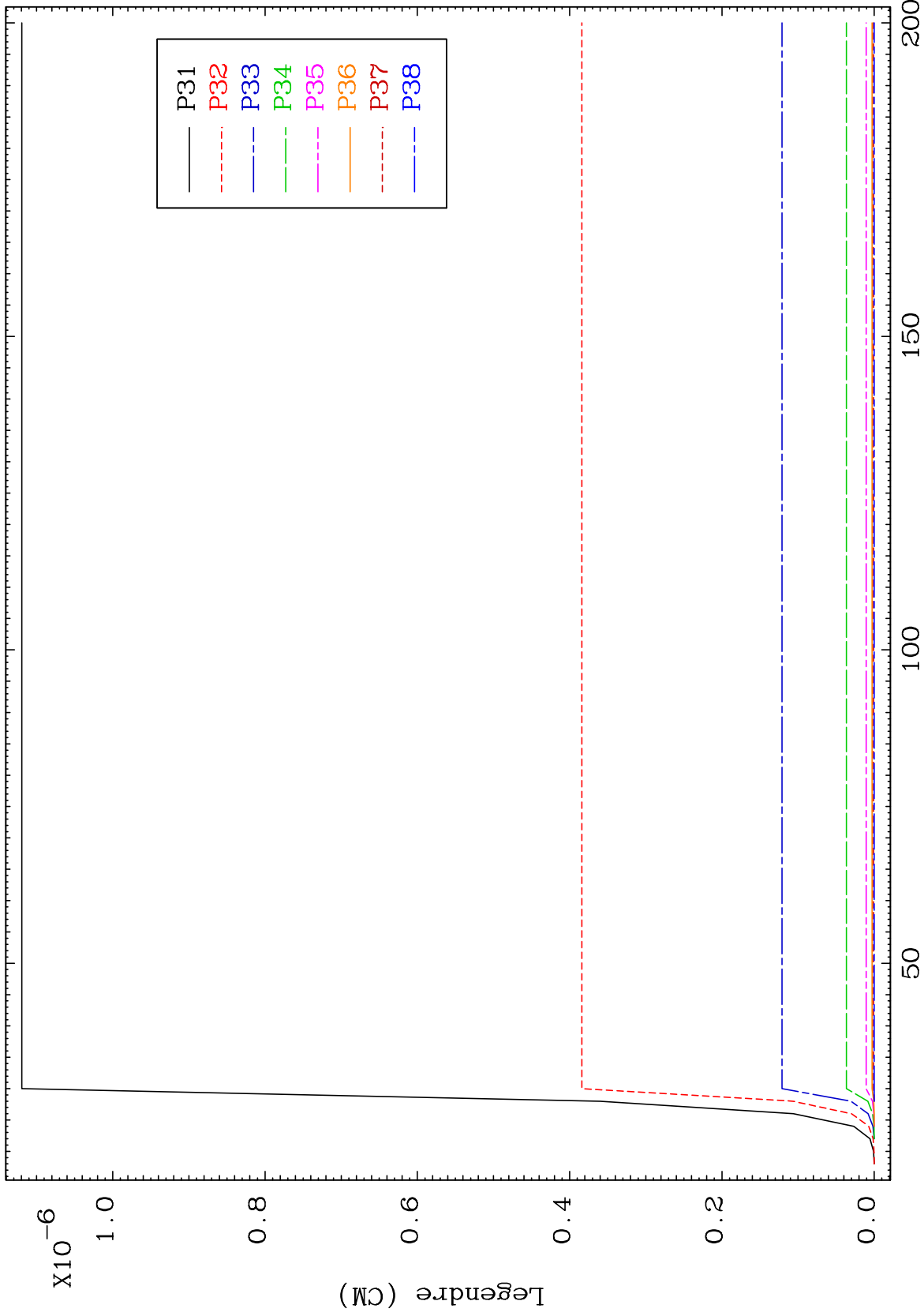


56

Incident Energy (MeV)

81-Tl-197

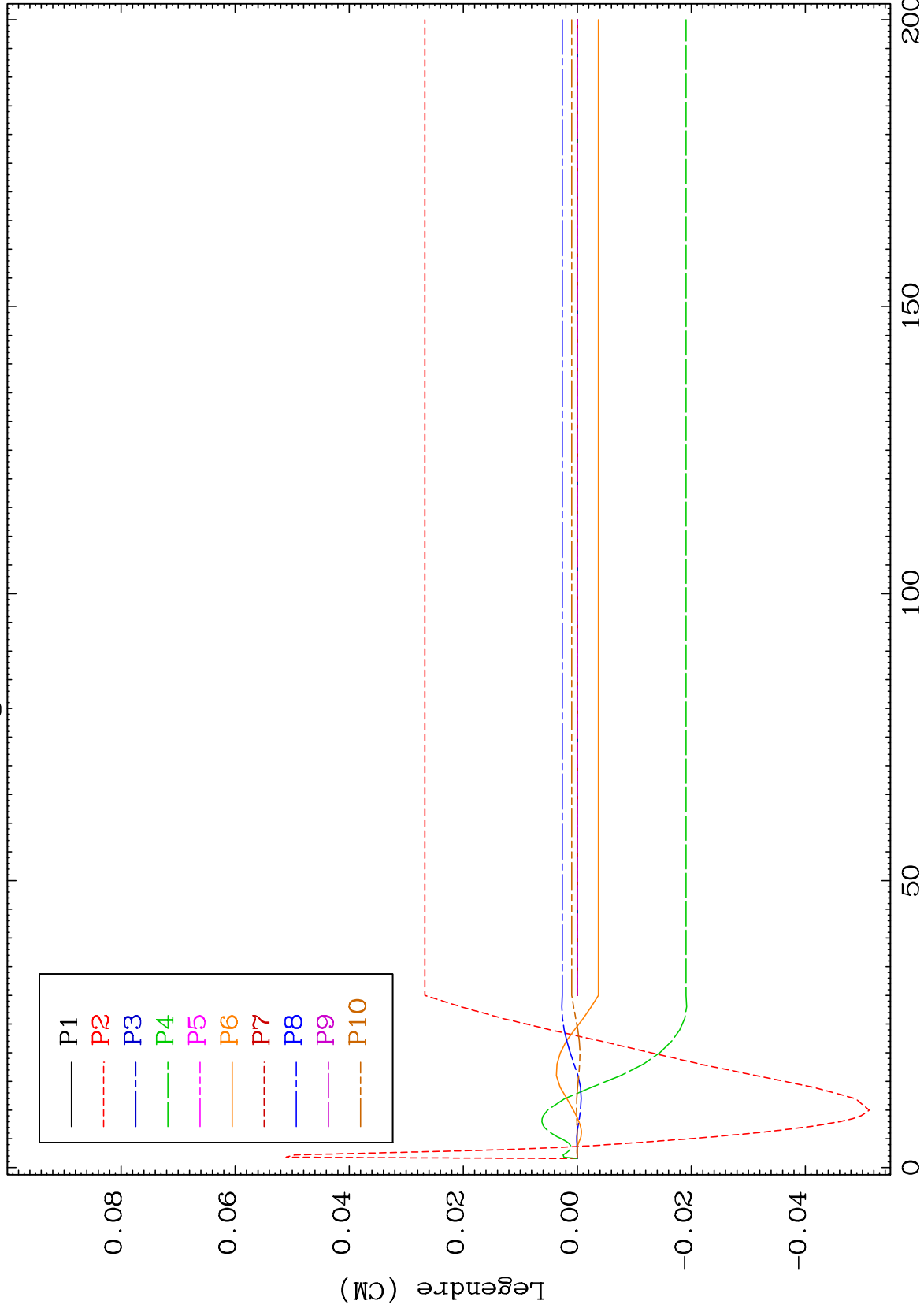




MAT 8107

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

81-T1-197



59

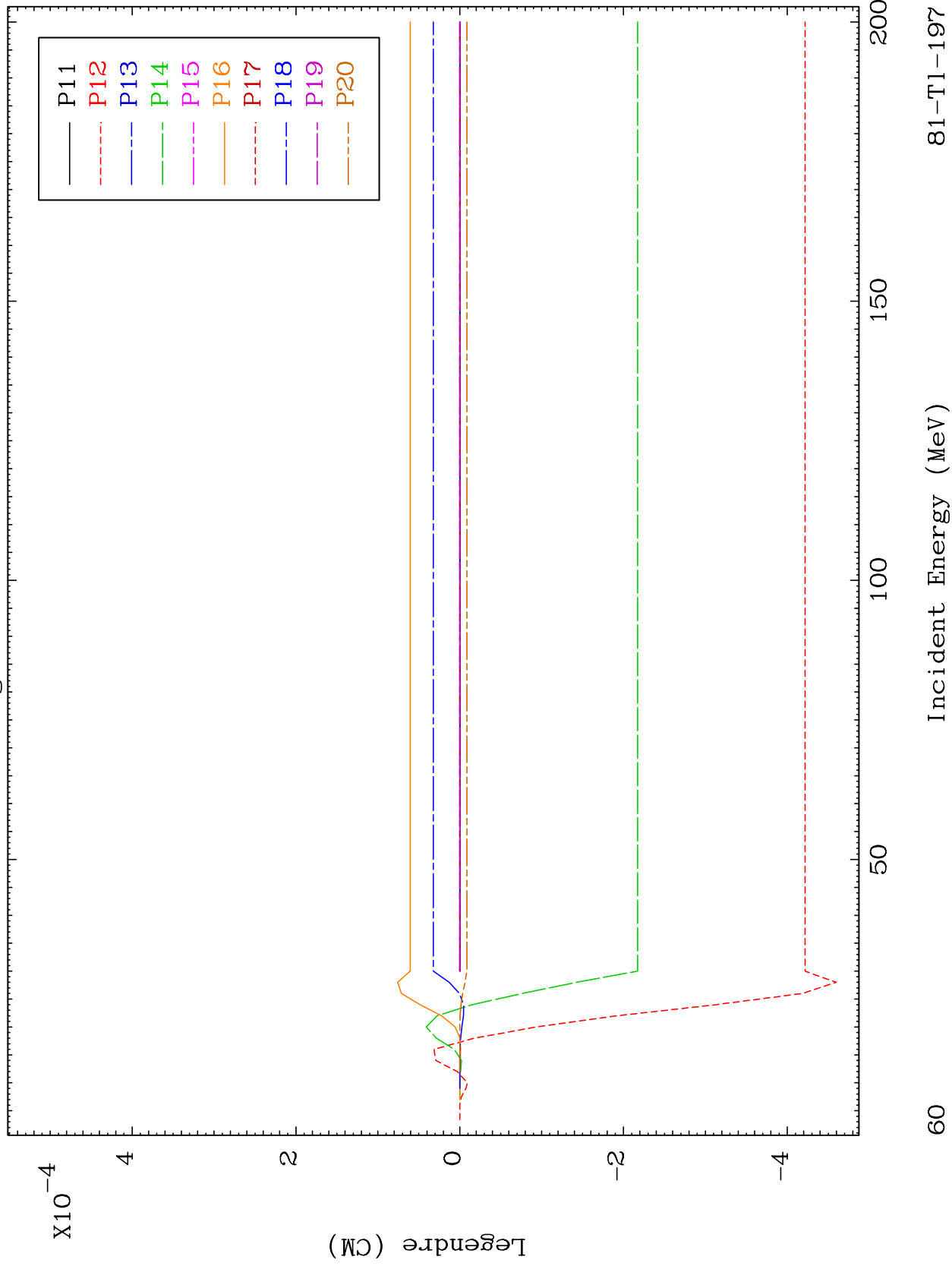
Incident Energy (MeV)

81-T1-197

MAT 8107

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

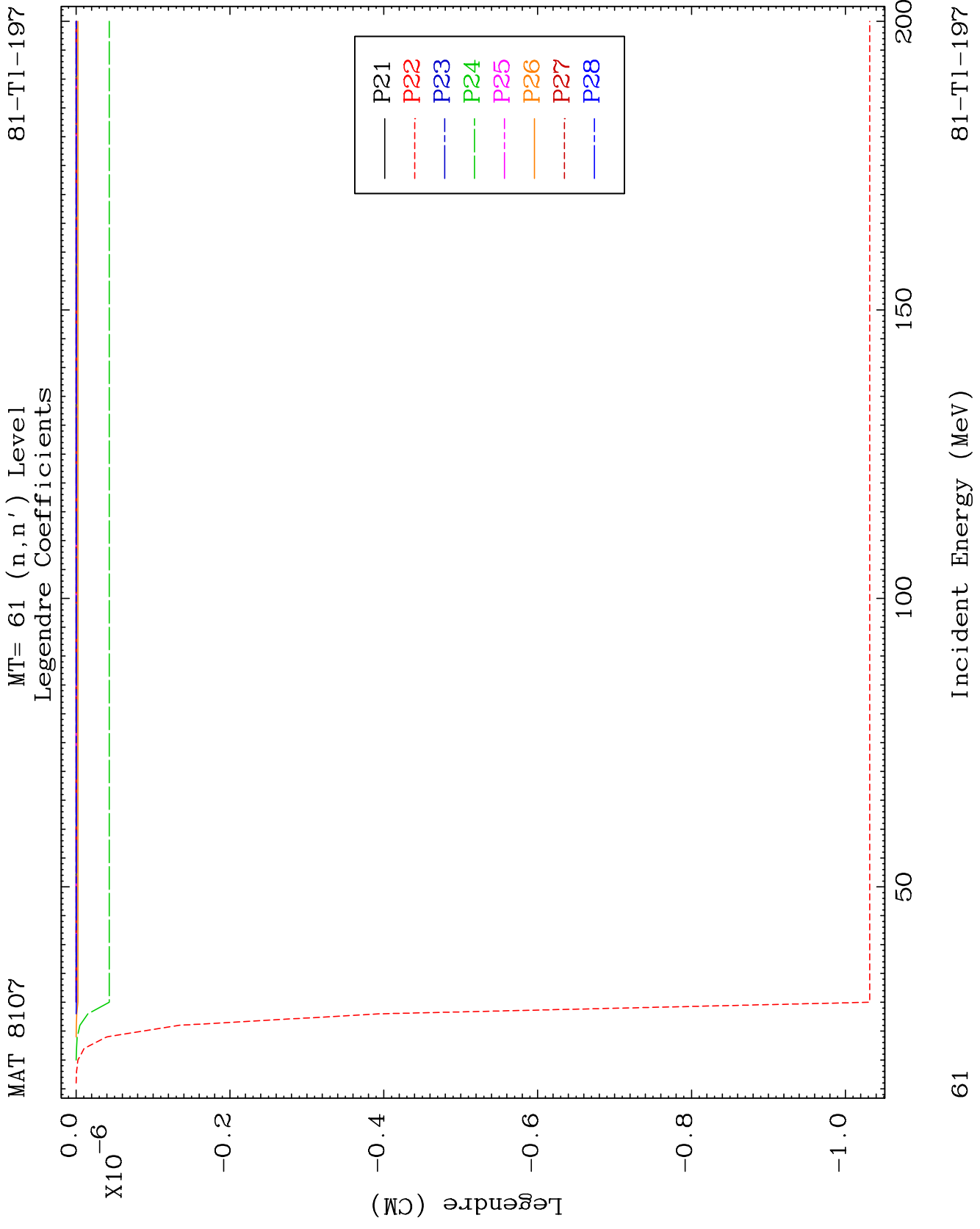
81-Tl-197



81-Tl-197

Incident Energy (MeV)

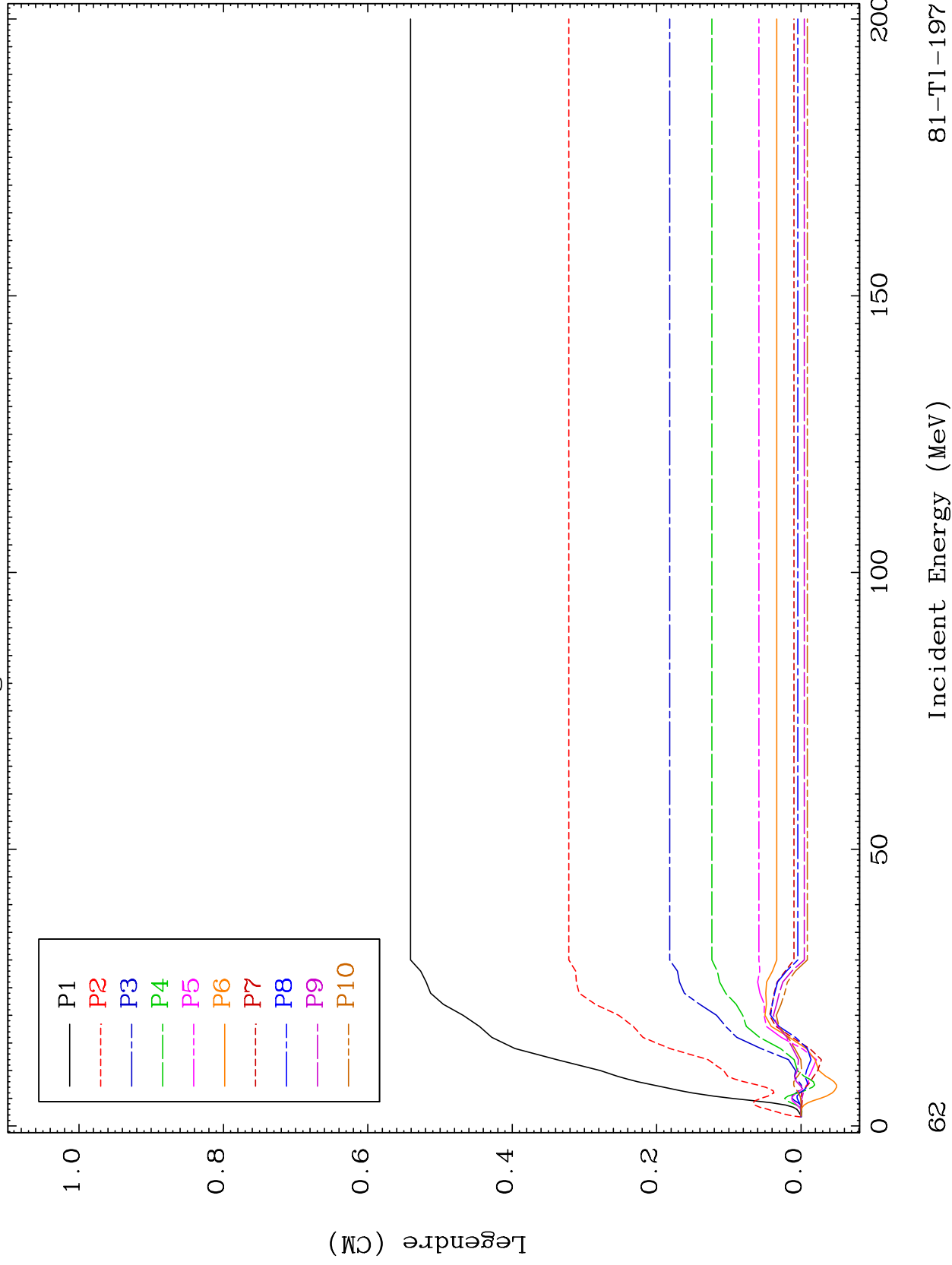
60



MAT 8107

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

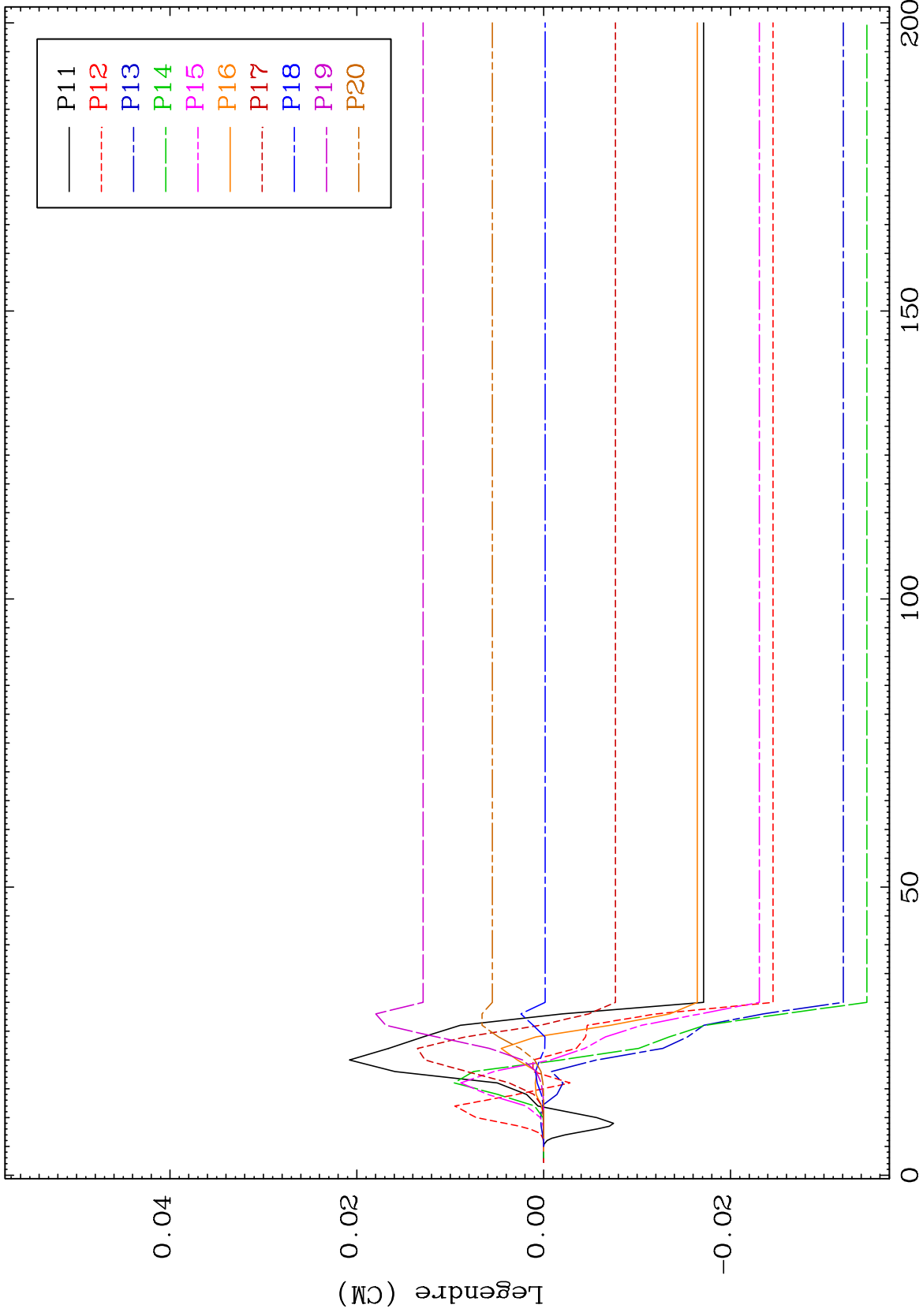
81-T1-197



MAT 8107

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

81-T1-197



63

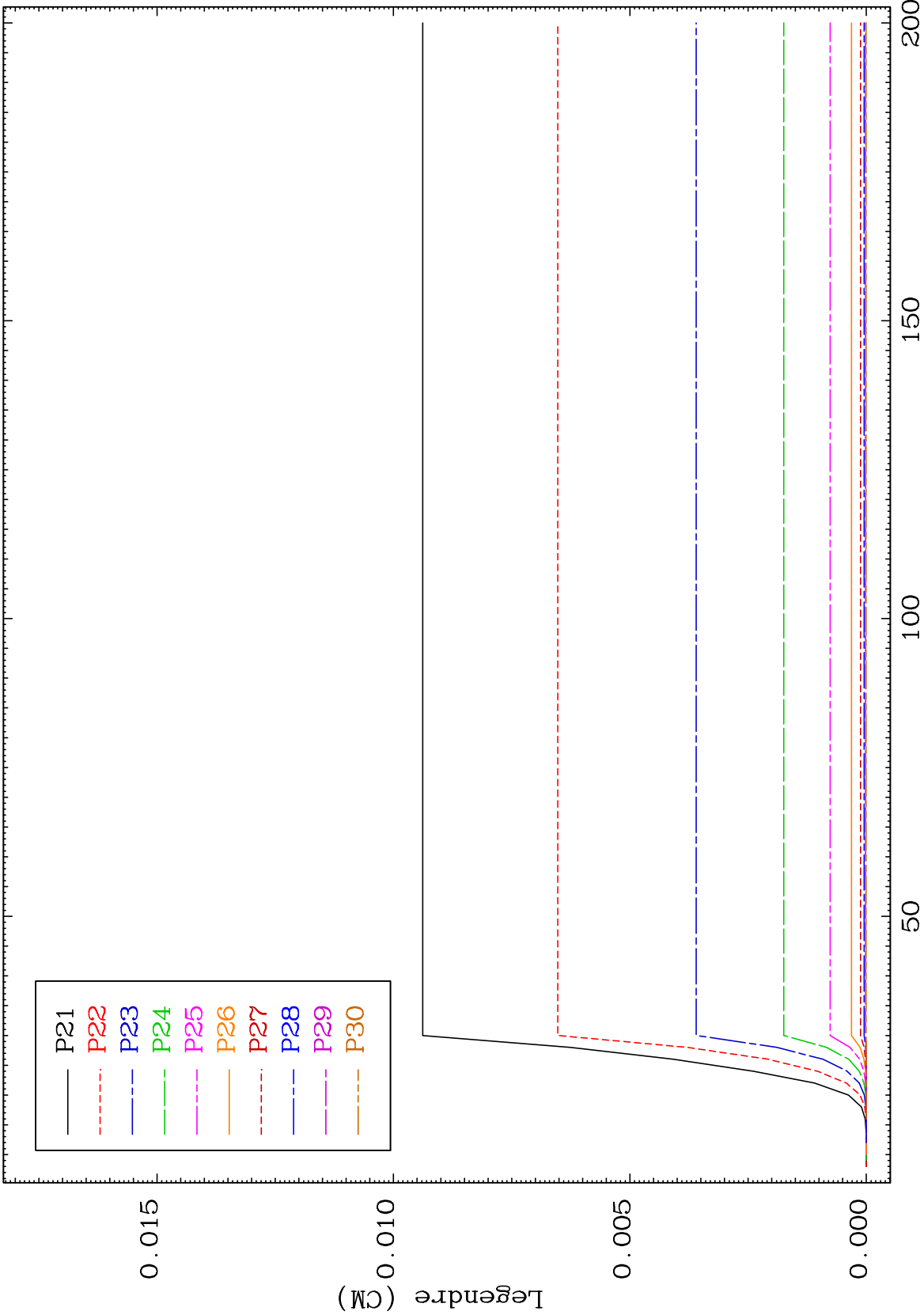
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



64

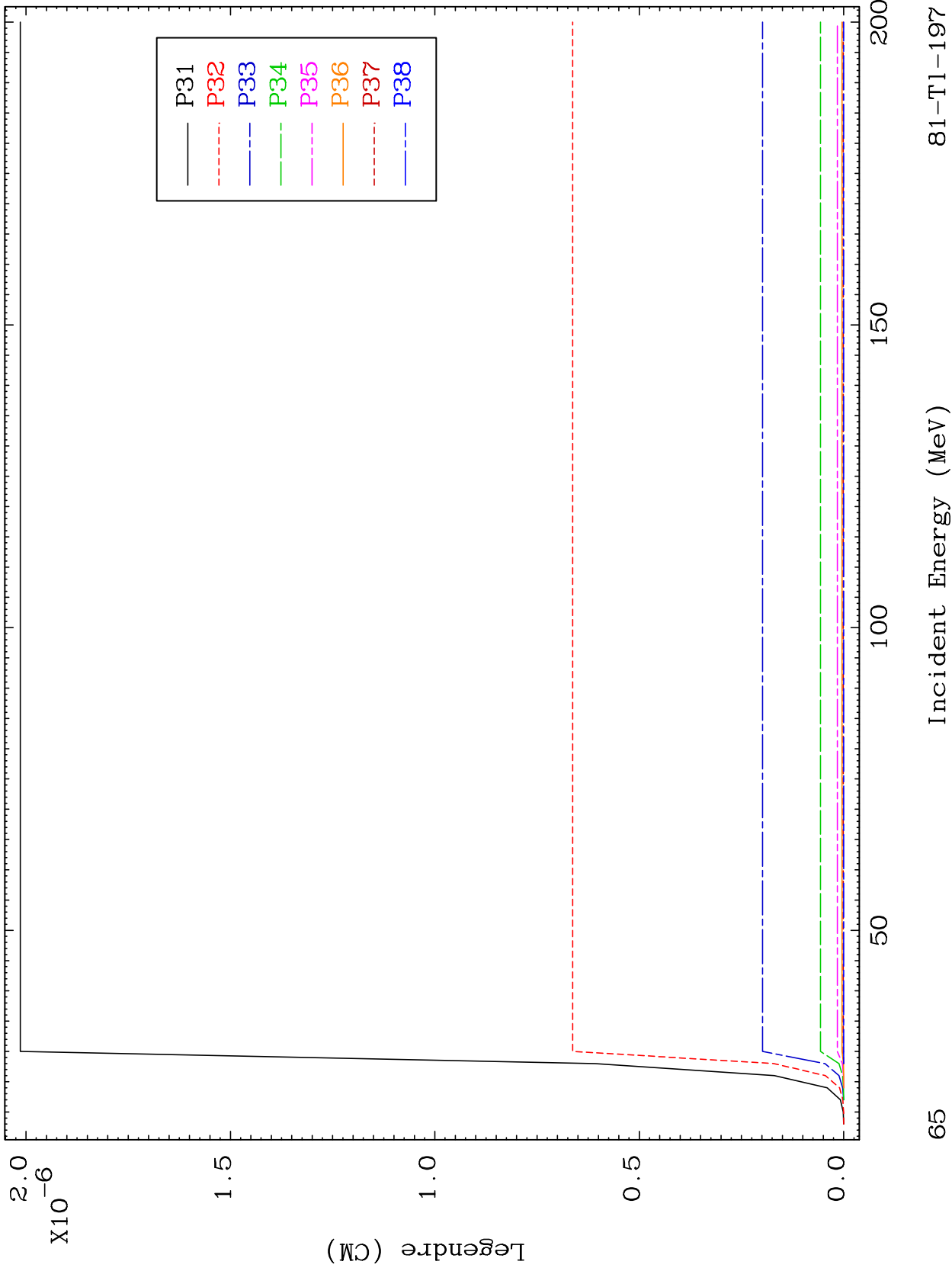
Incident Energy (MeV)

81-Tl-197

MAT 8107

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

81-T1-197



65

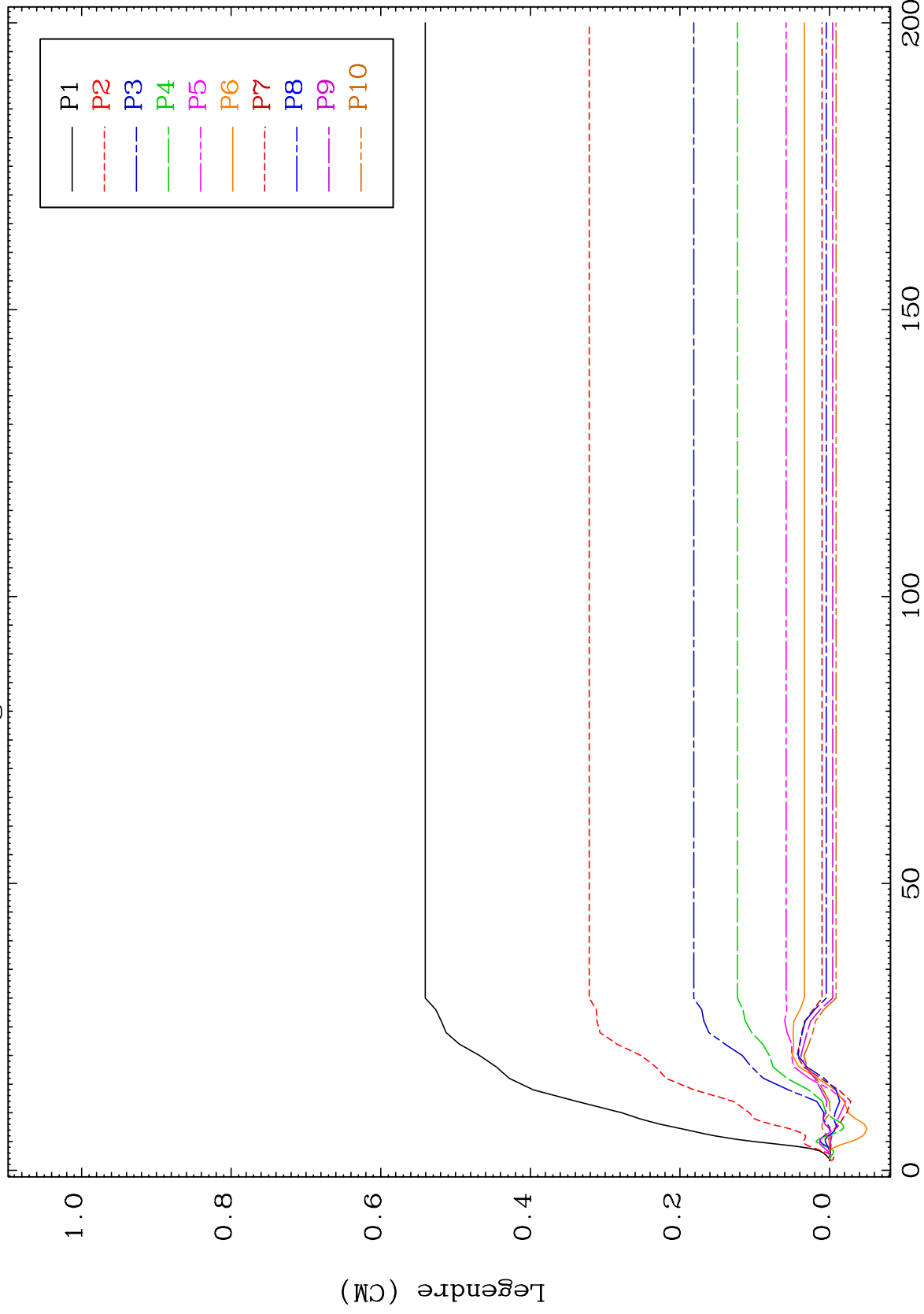
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



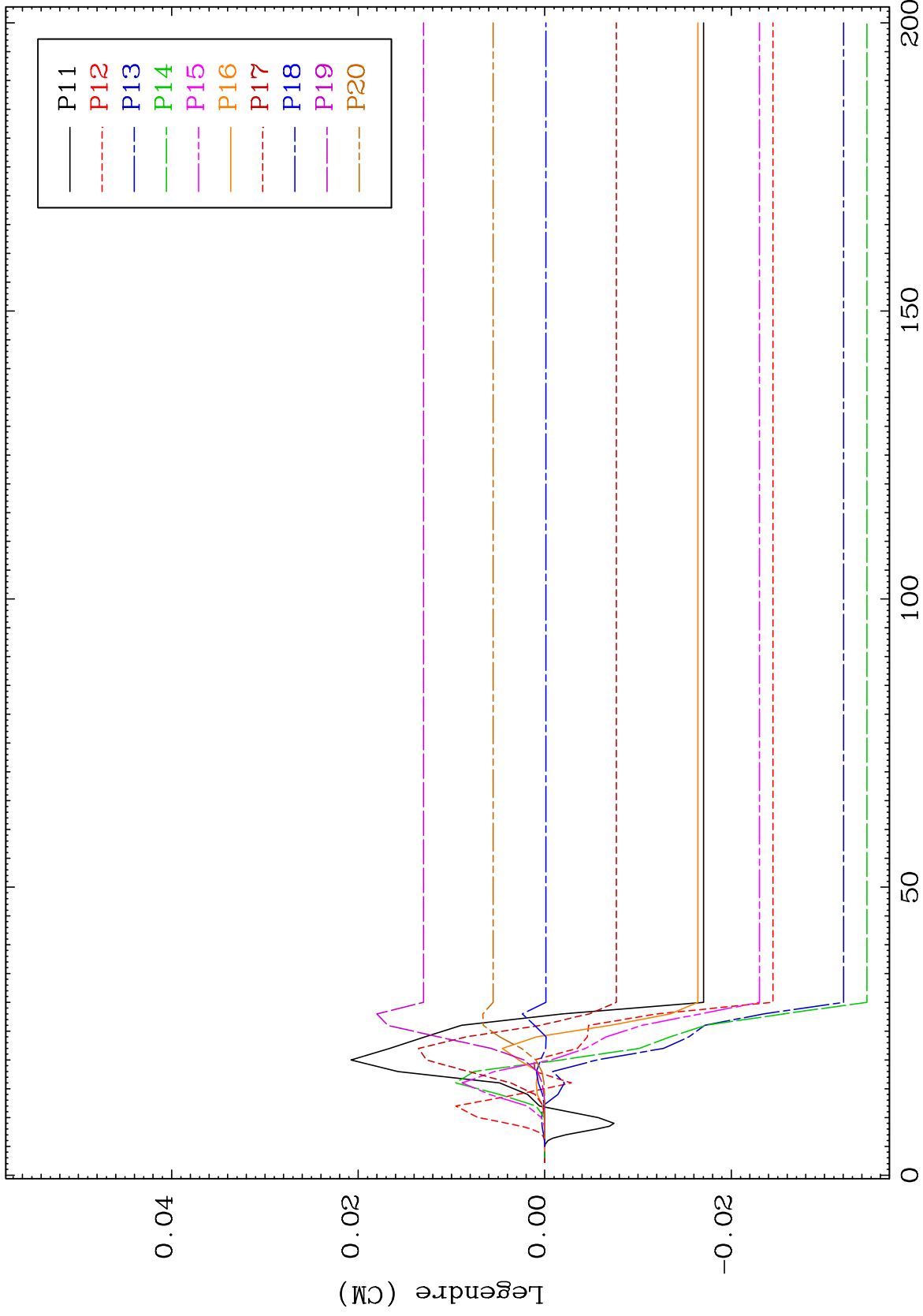
66

81-T1-197

MAT 8107

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

81-T1-197



67

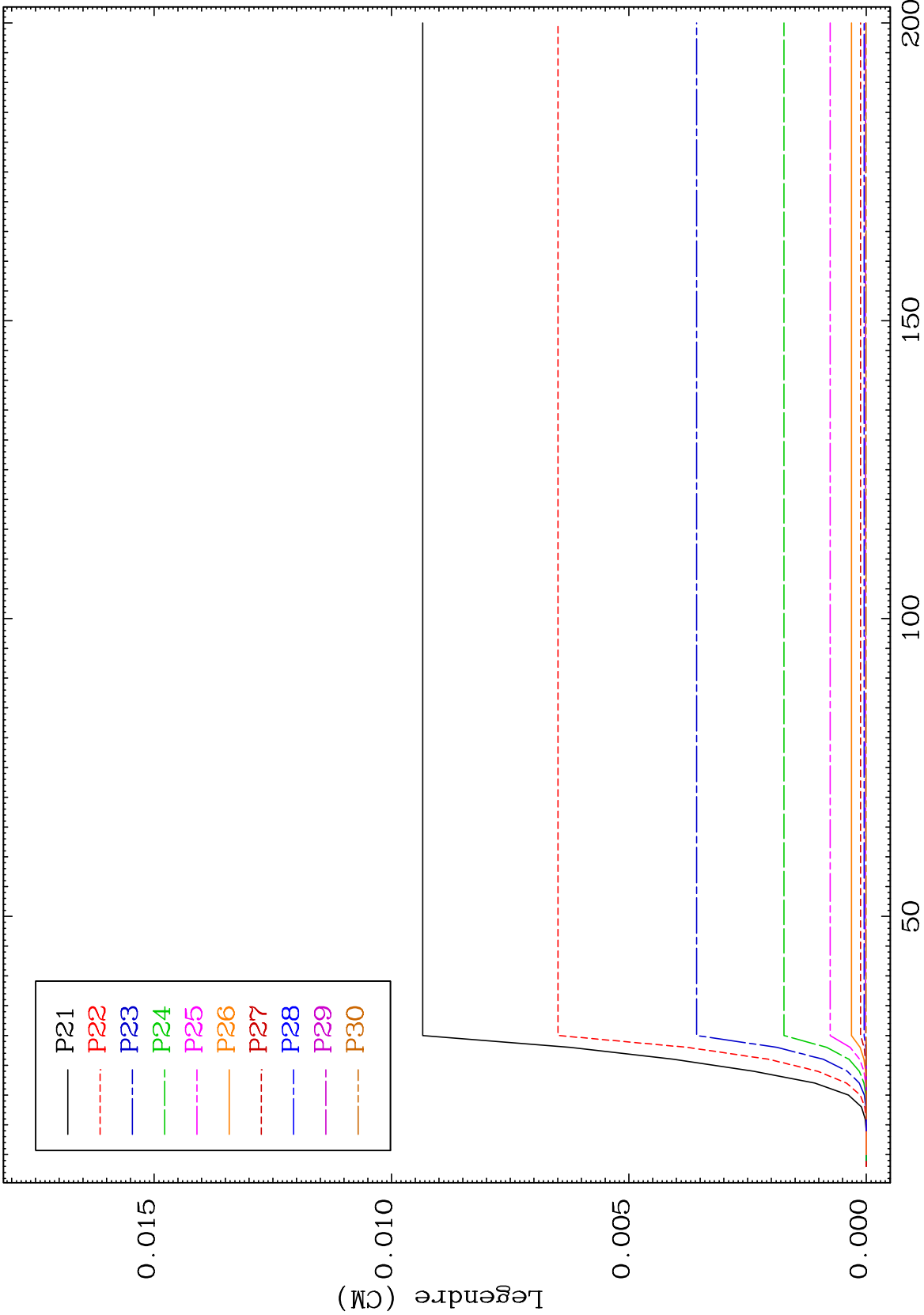
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



68

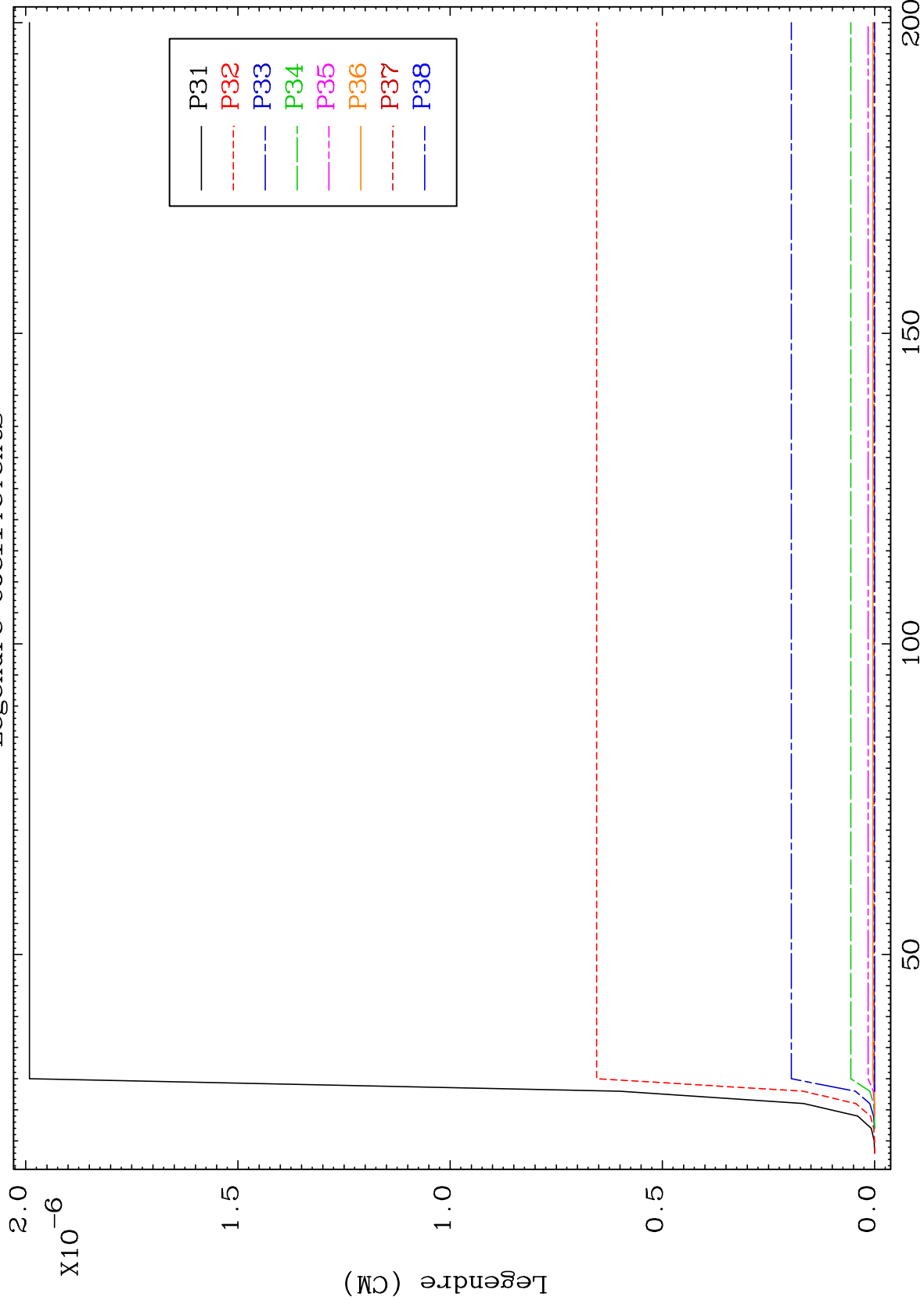
Incident Energy (MeV)

81-Tl-197

MAT 8107

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

81-T1-197



69

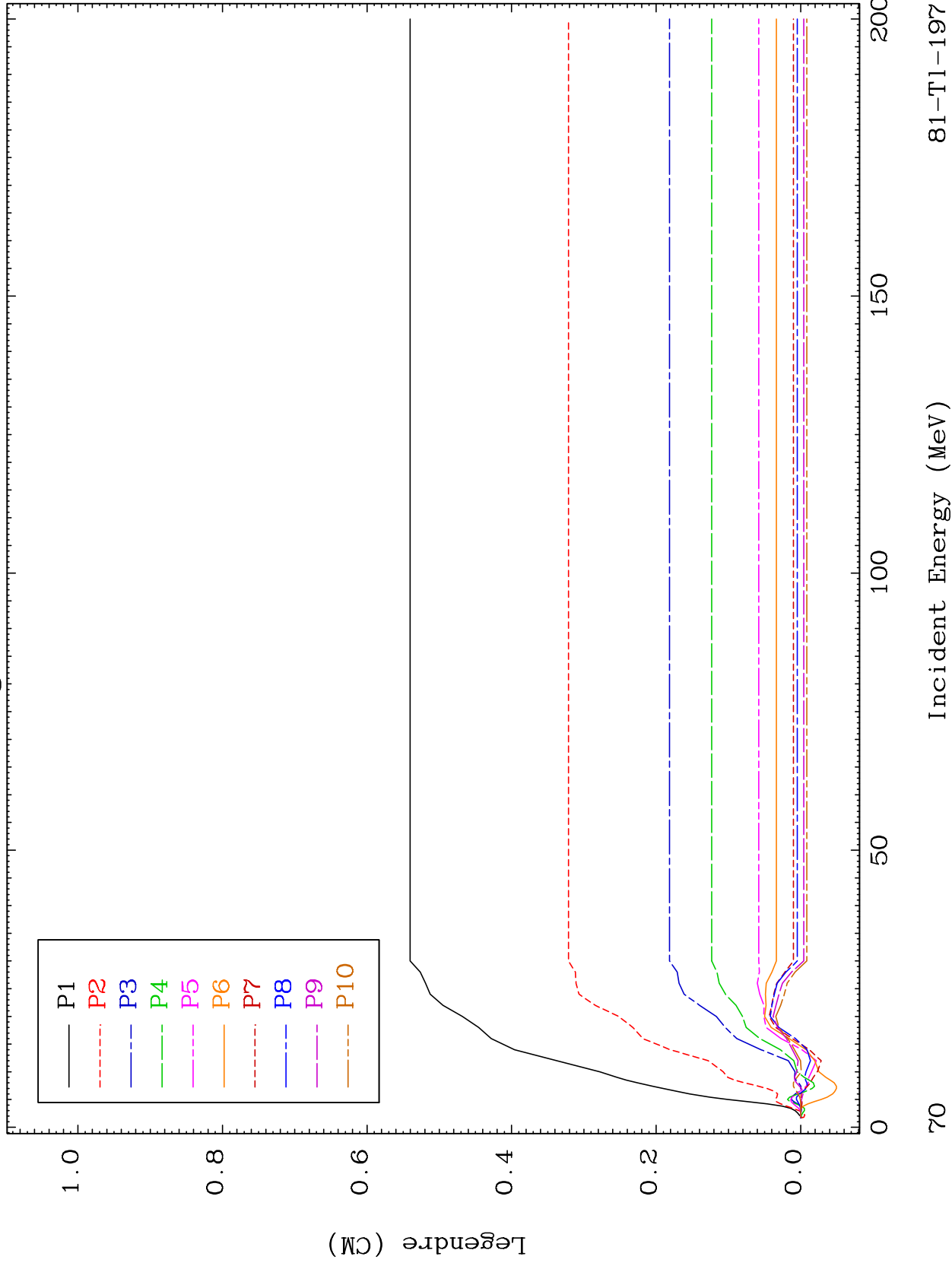
Incident Energy (MeV)

81-T1-197

MAT 8107

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

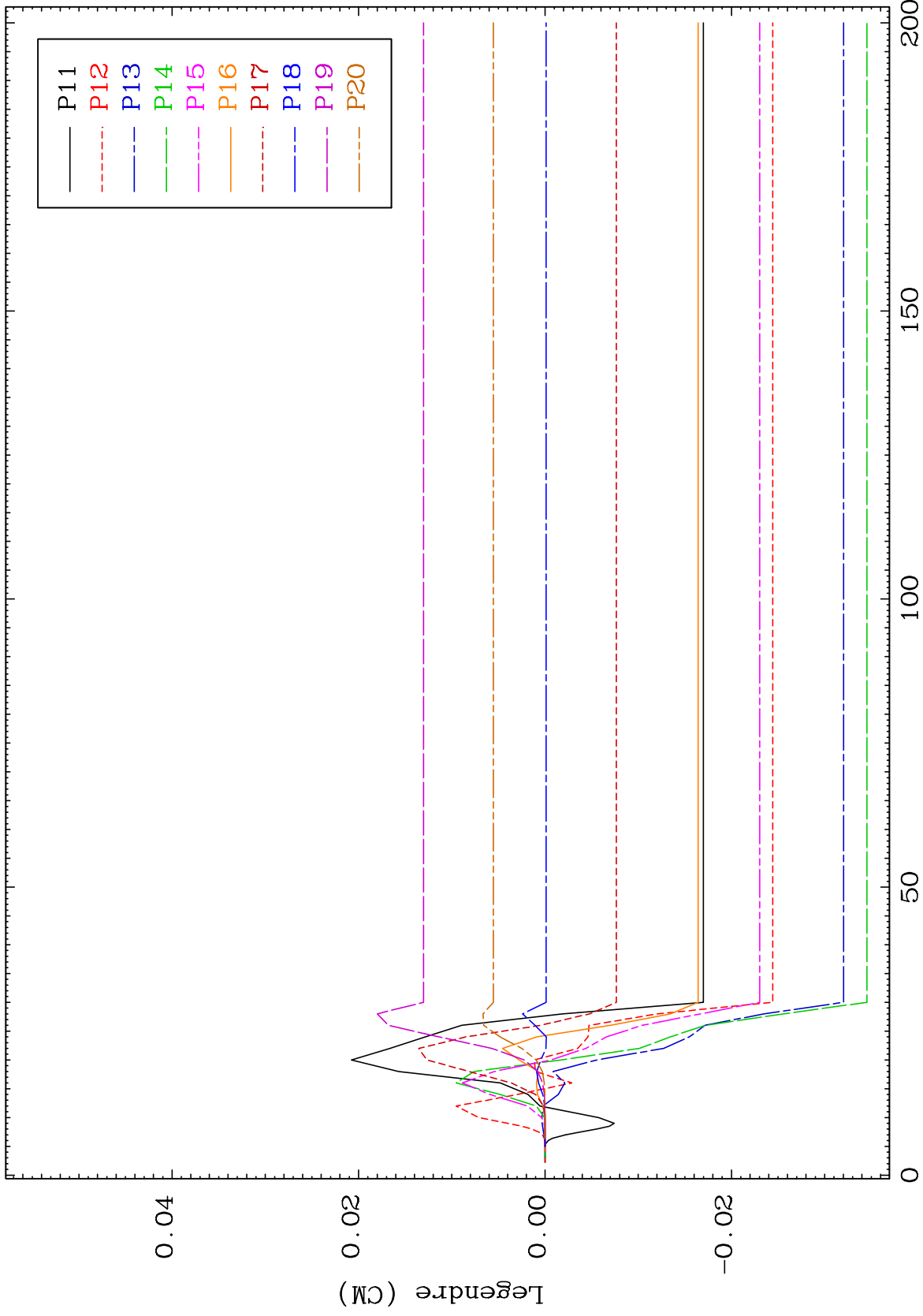
81-T1-197



MAT 8107

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

81-T1-197



71

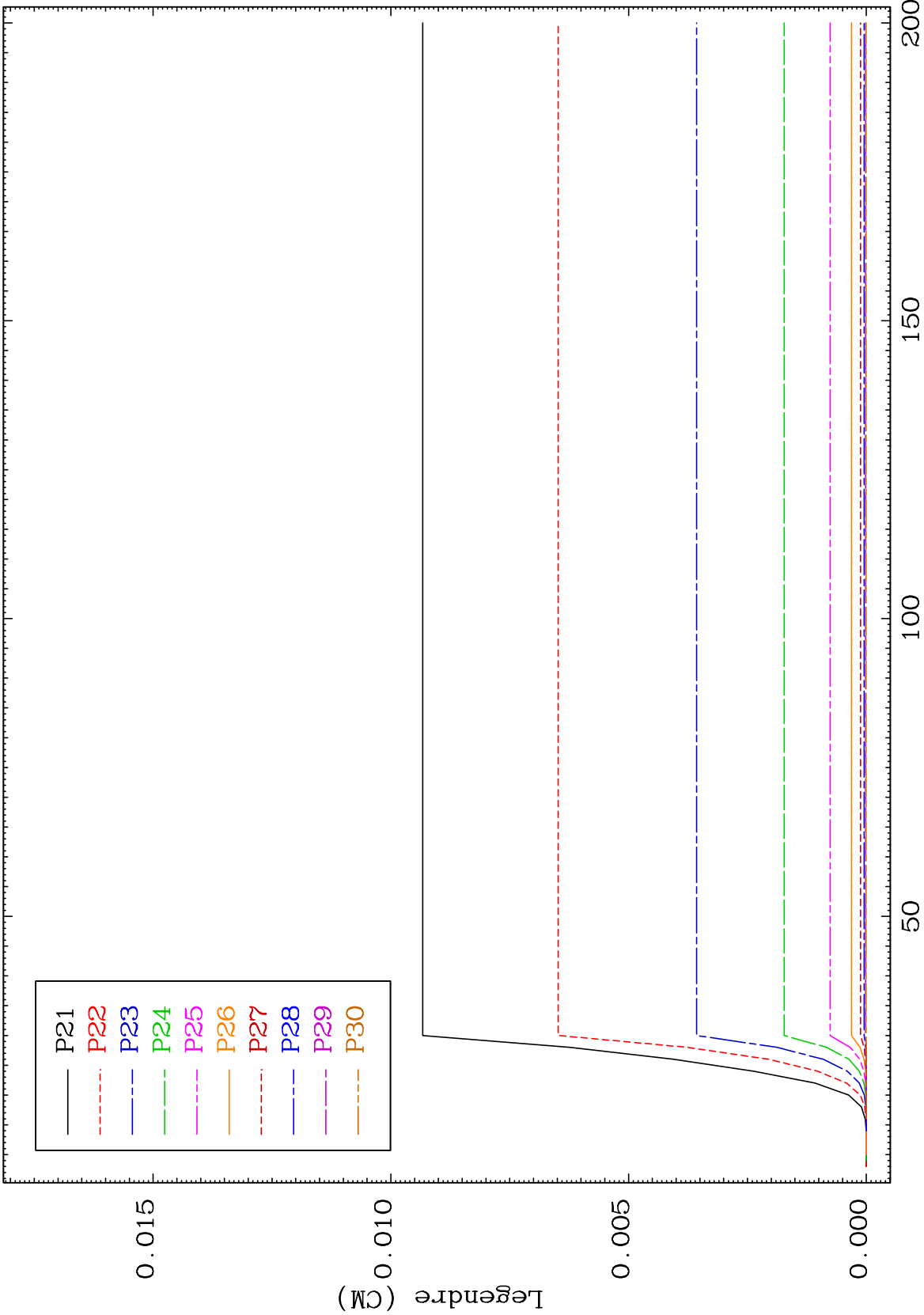
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



72

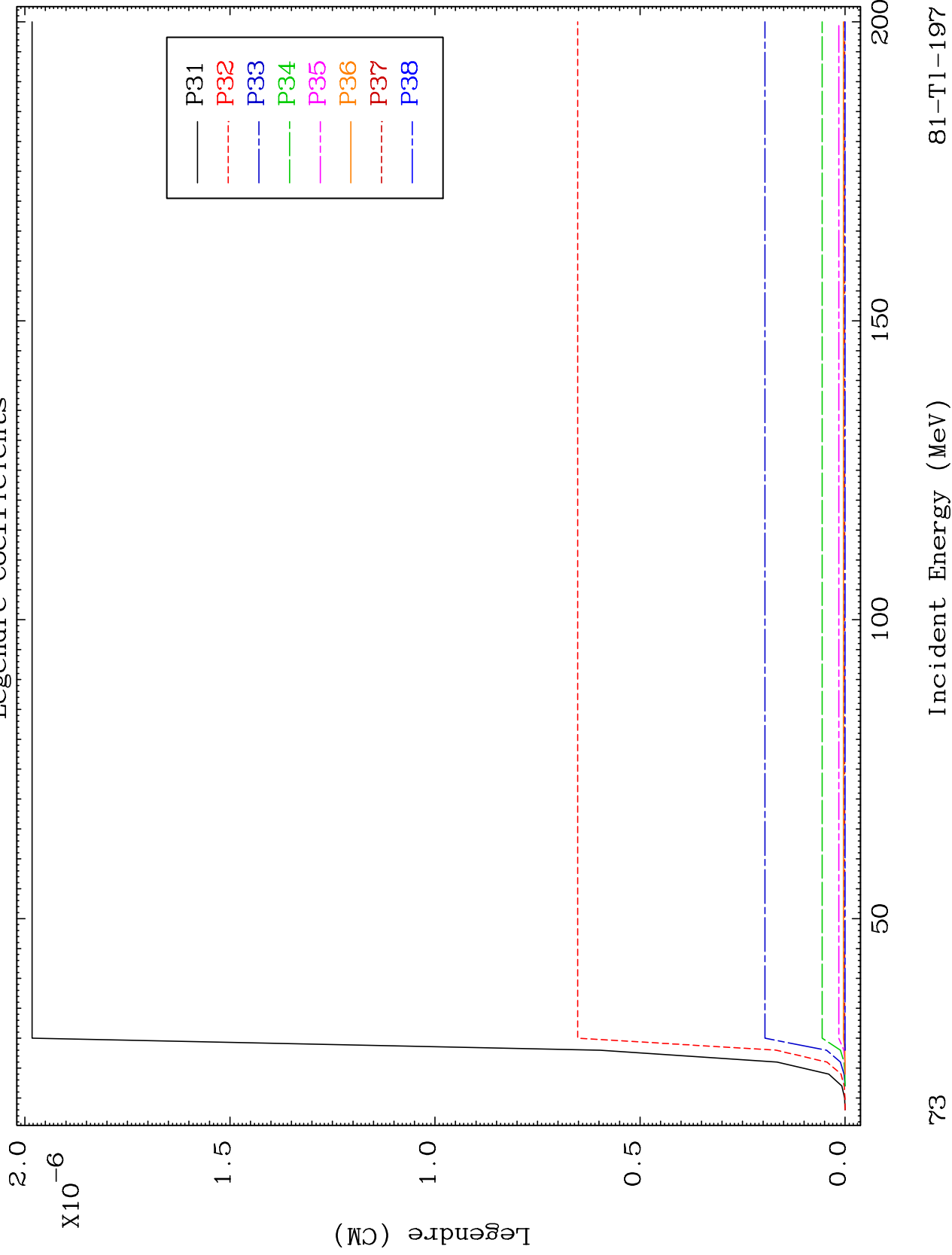
Incident Energy (MeV)

81-Tl-197

MAT 8107

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

81-T1-197



73

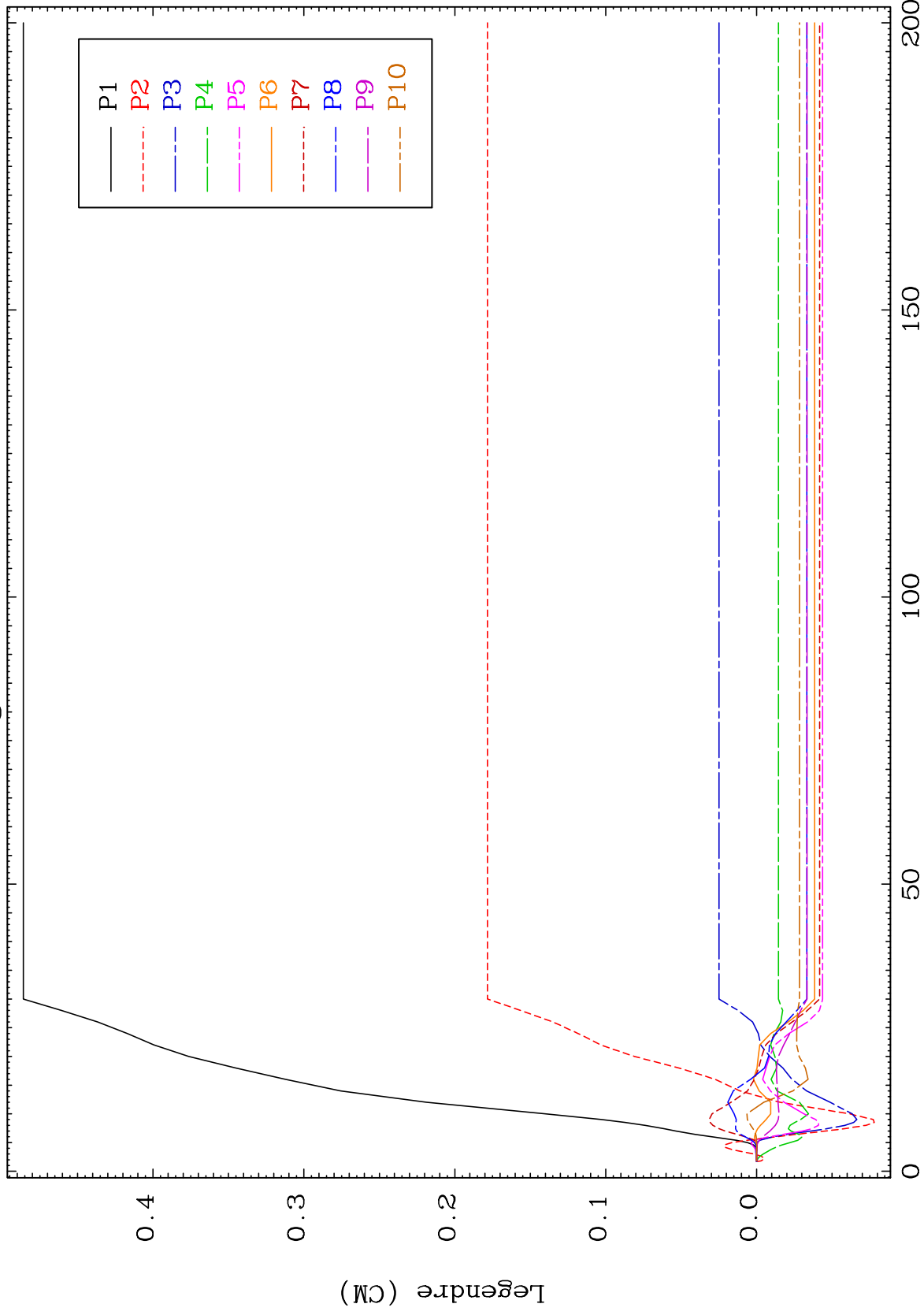
Incident Energy (MeV)

81-T1-197

MAT 8107

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

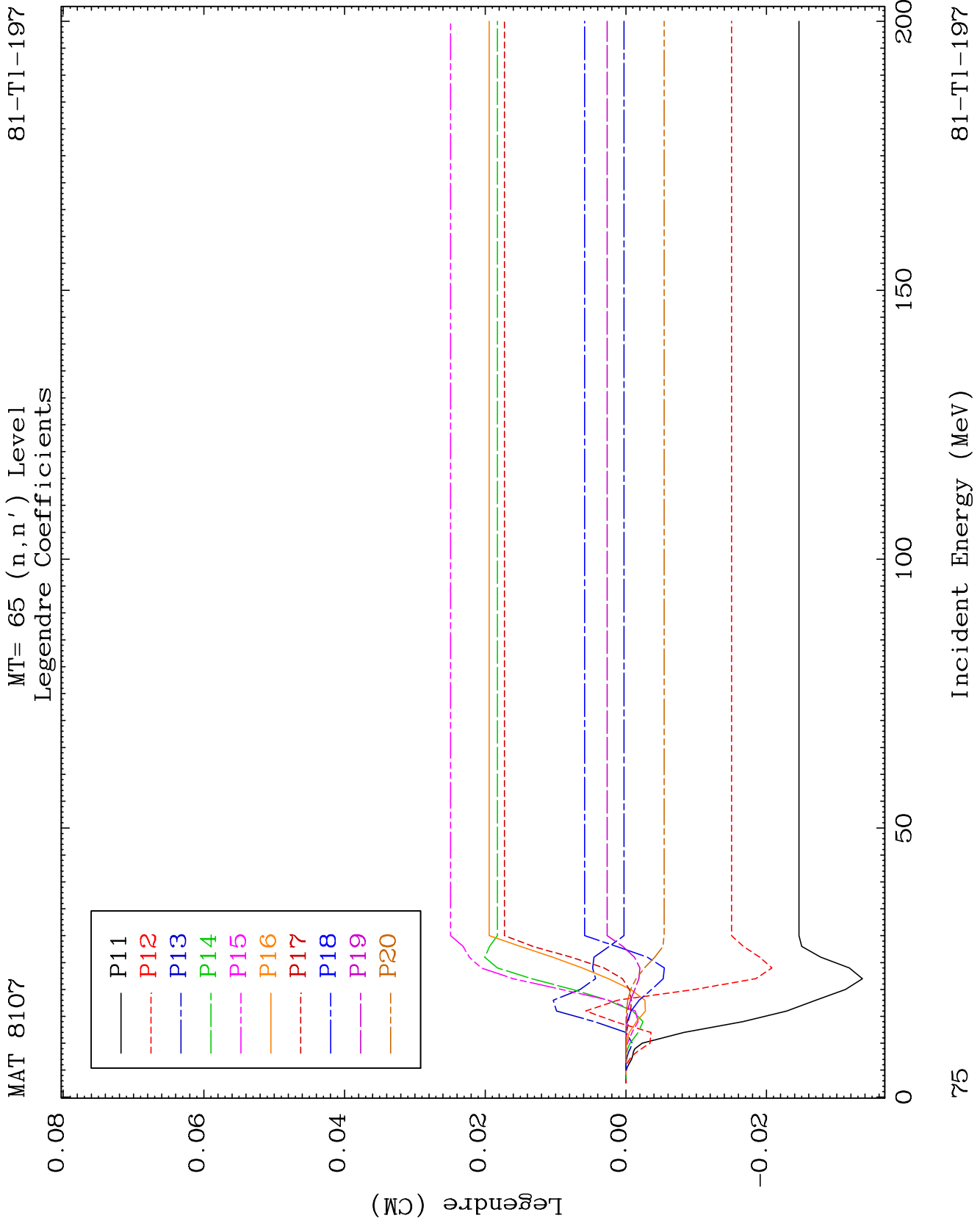
81-Tl-197



74

Incident Energy (MeV)

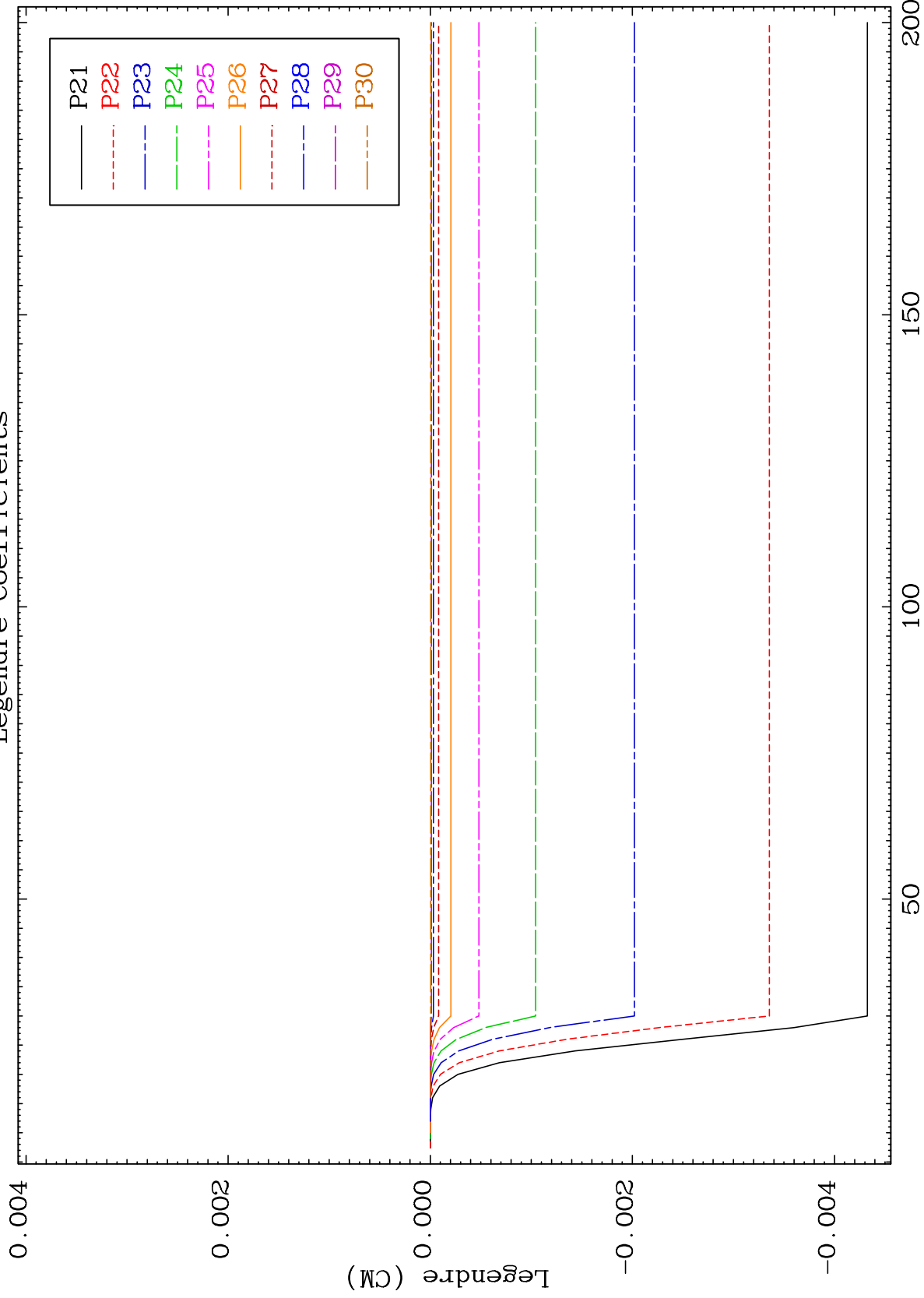
81-Tl-197



MAT 8107

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

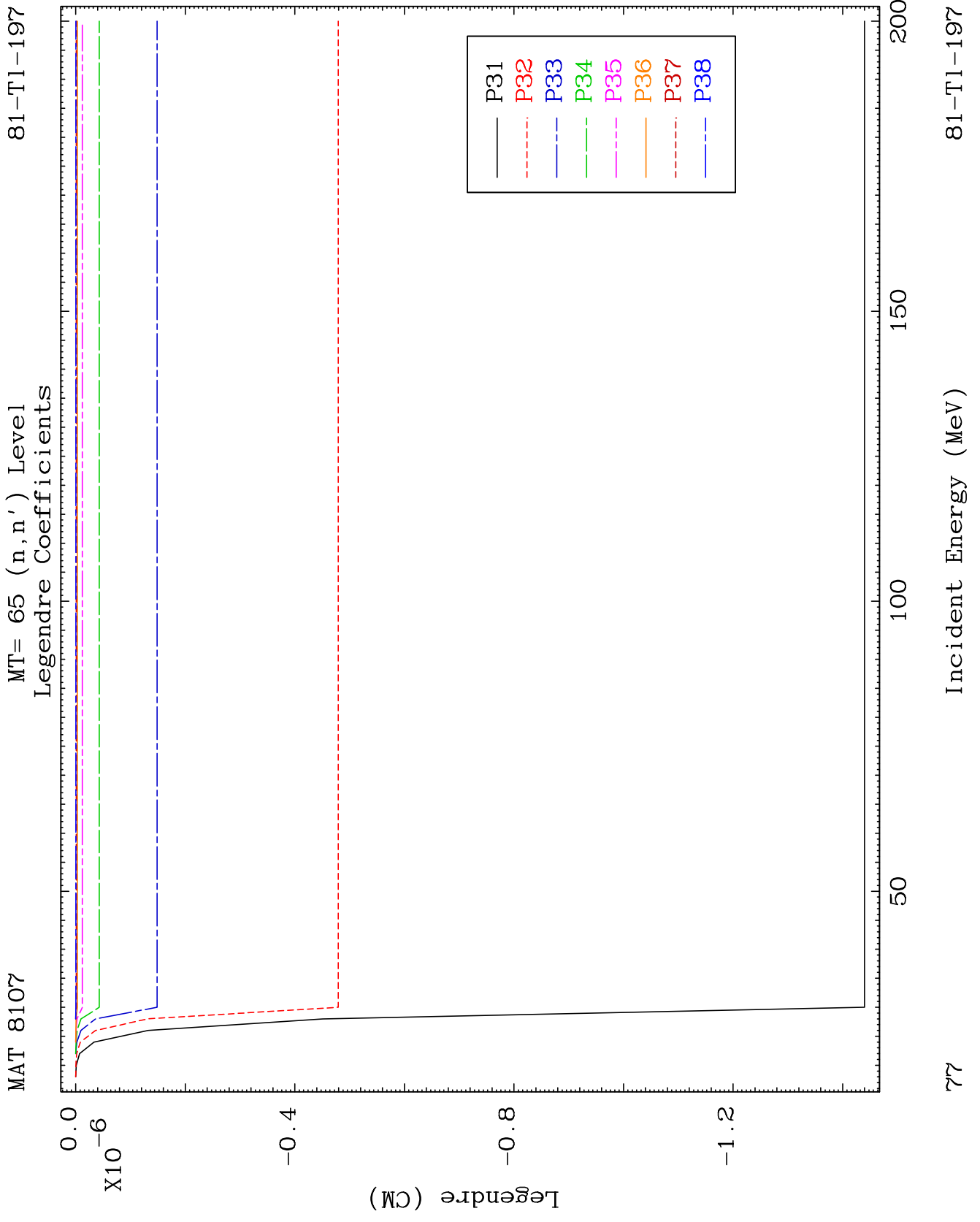
81-T1-197



76

Incident Energy (MeV)

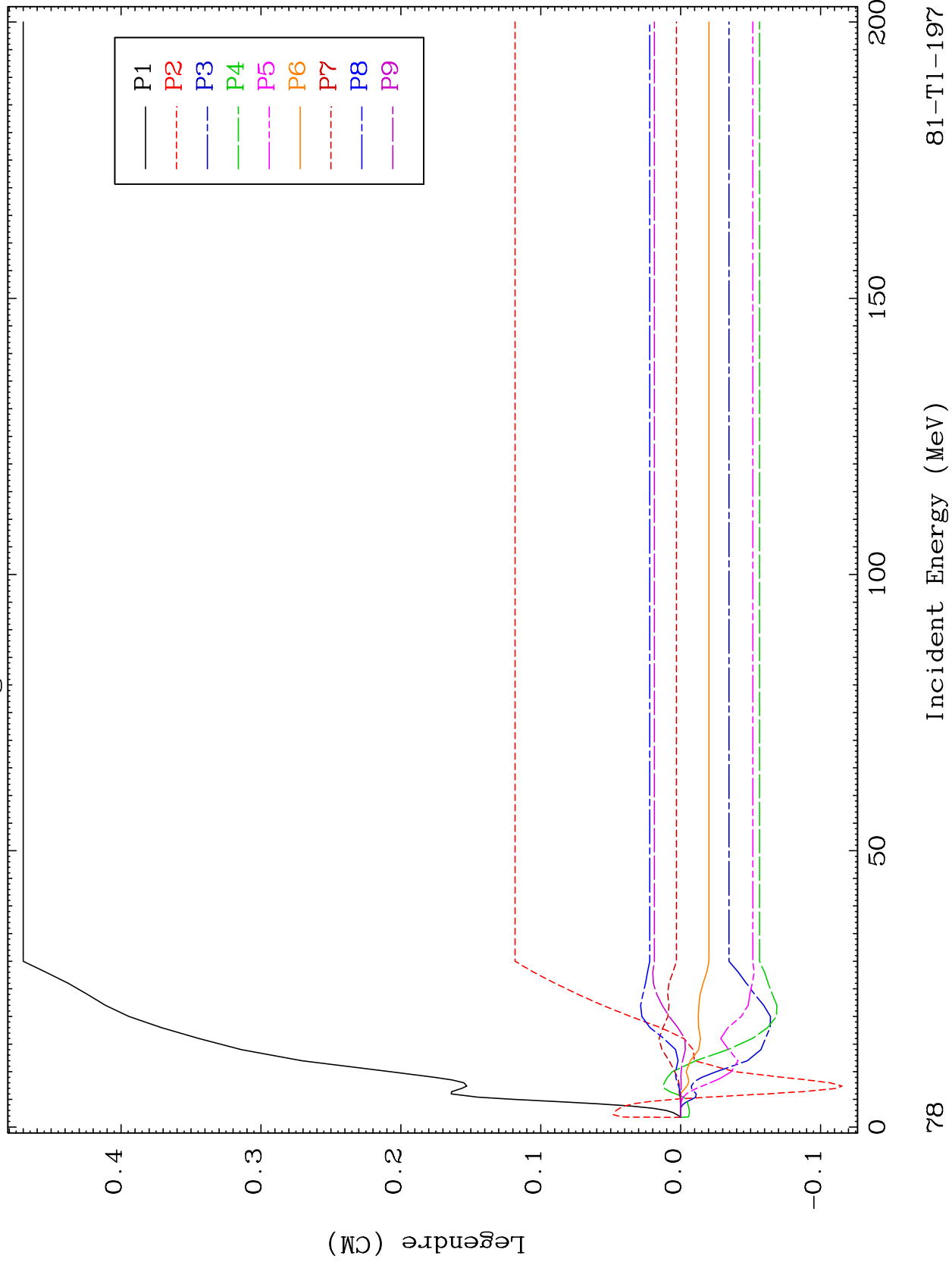
81-T1-197



MAT 8107

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

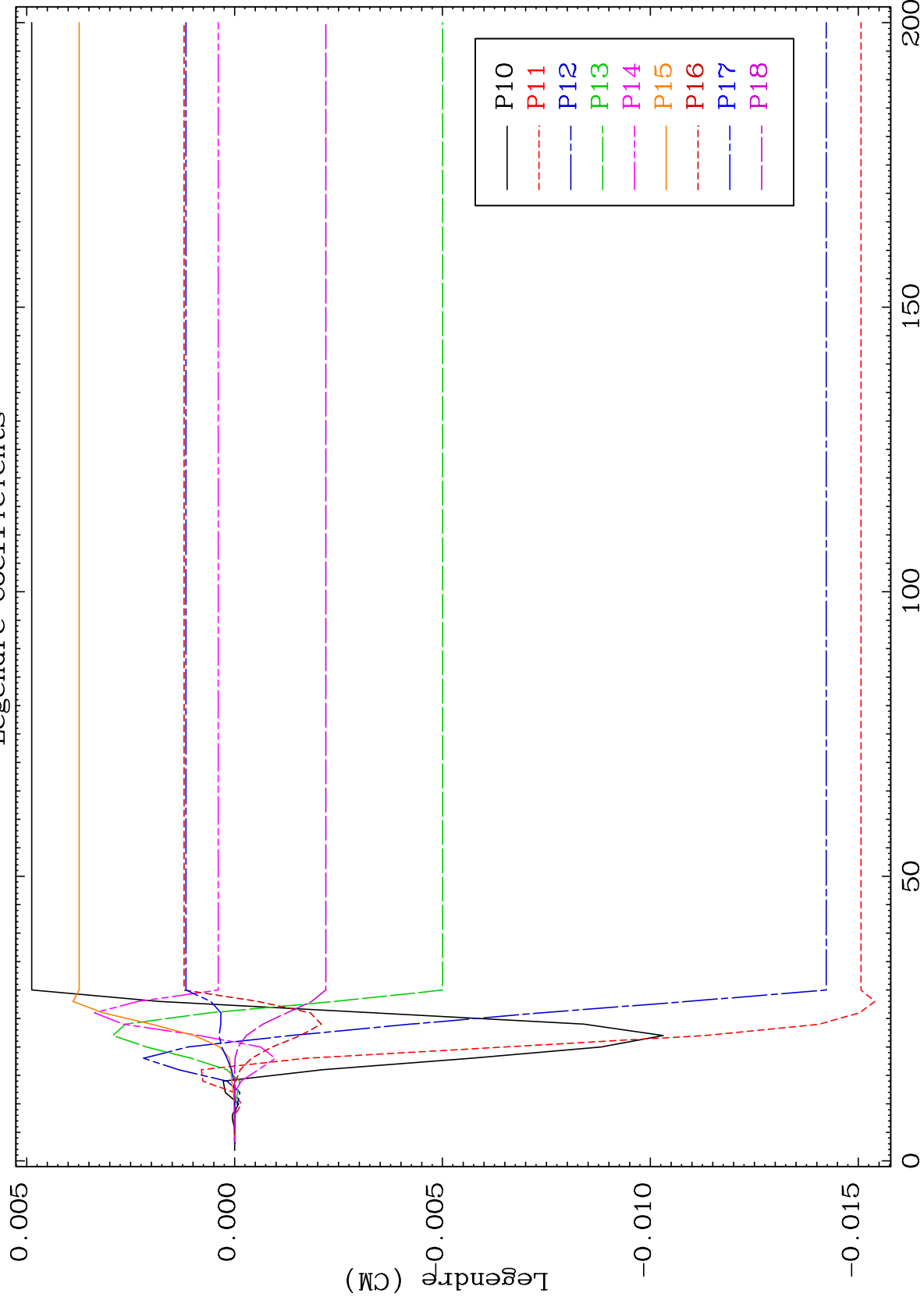
81-T1-197



81-T1-197

Incident Energy (MeV)

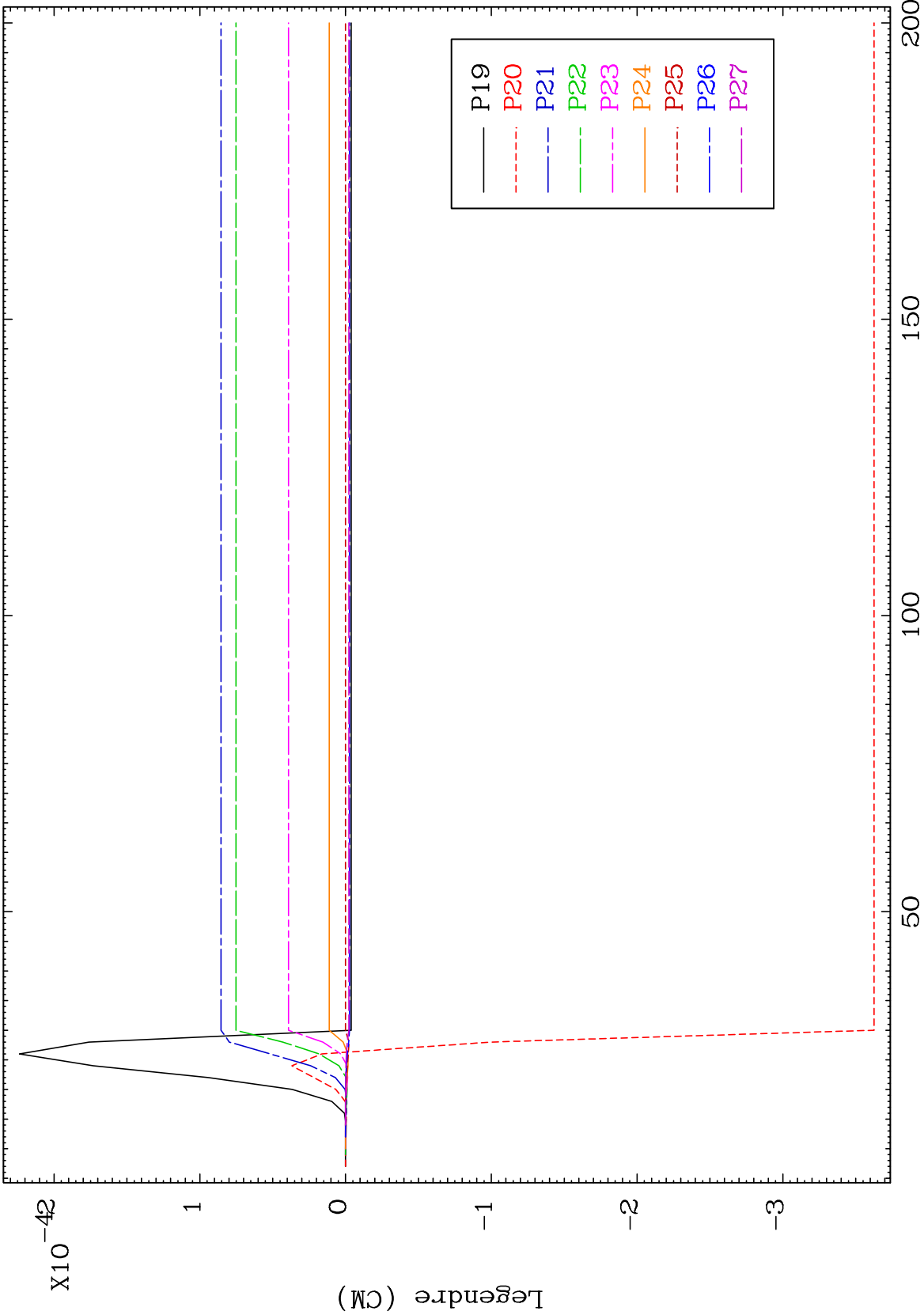
78



MAT 8107

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

81-T1-197



80

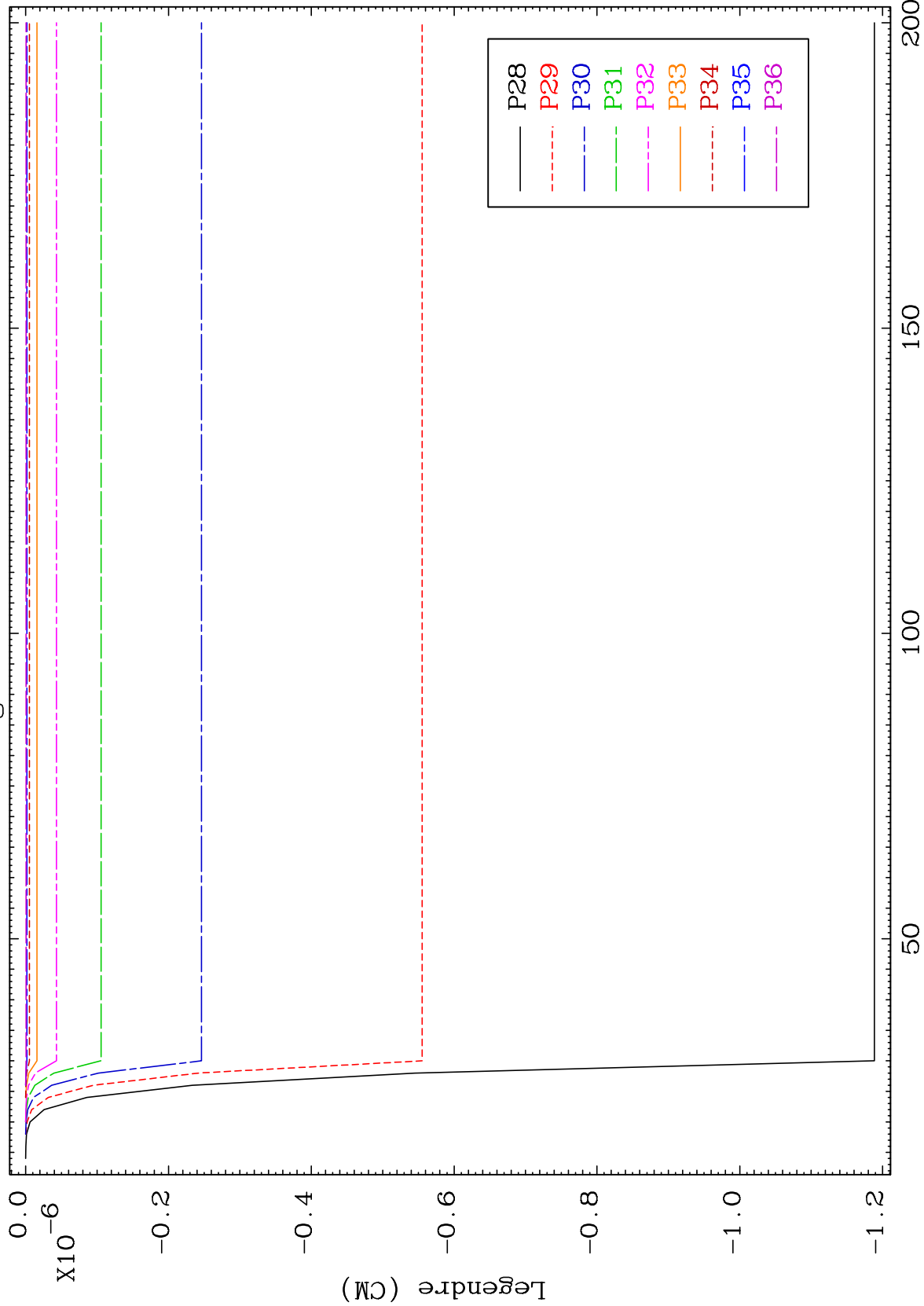
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



81

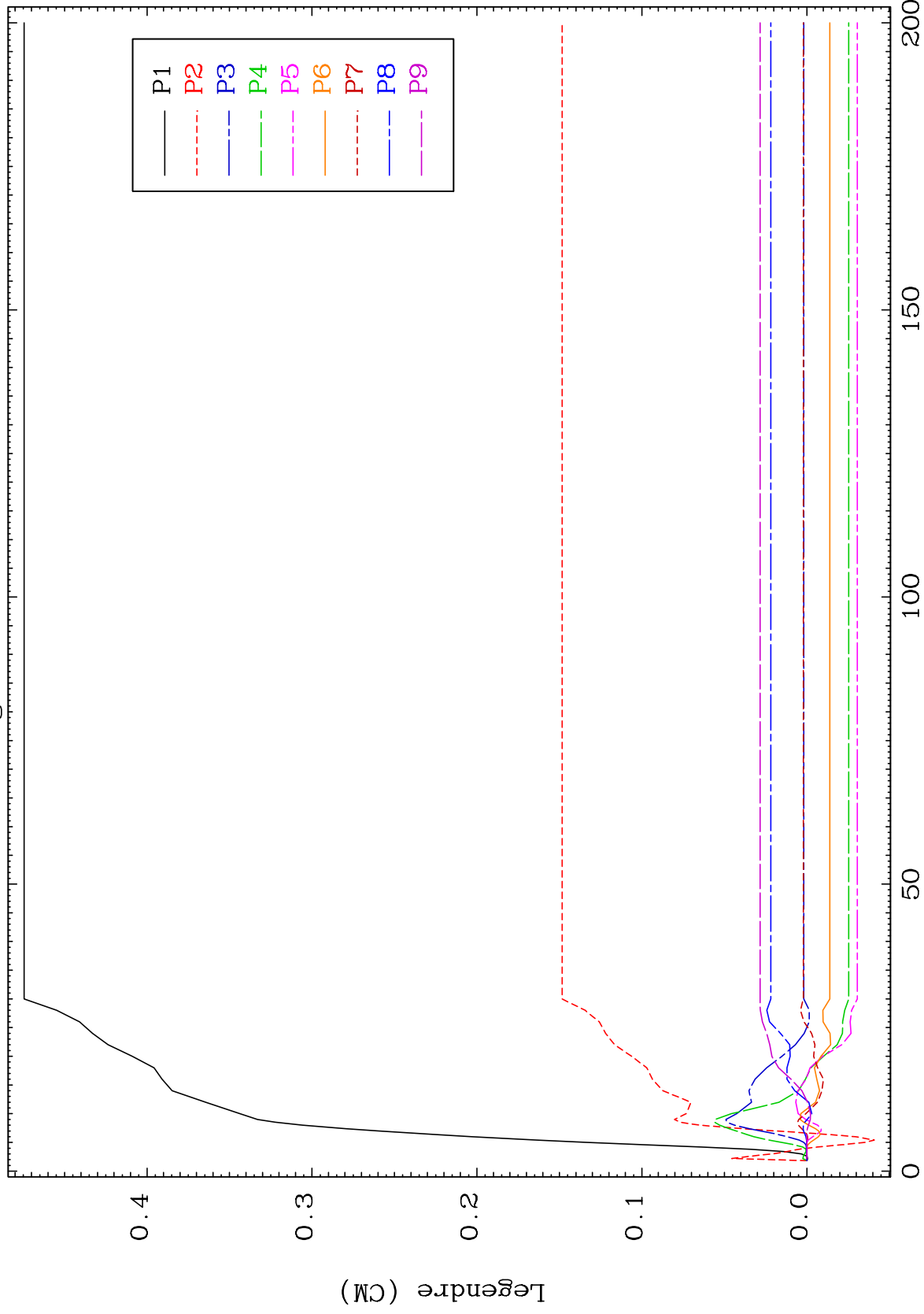
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



82

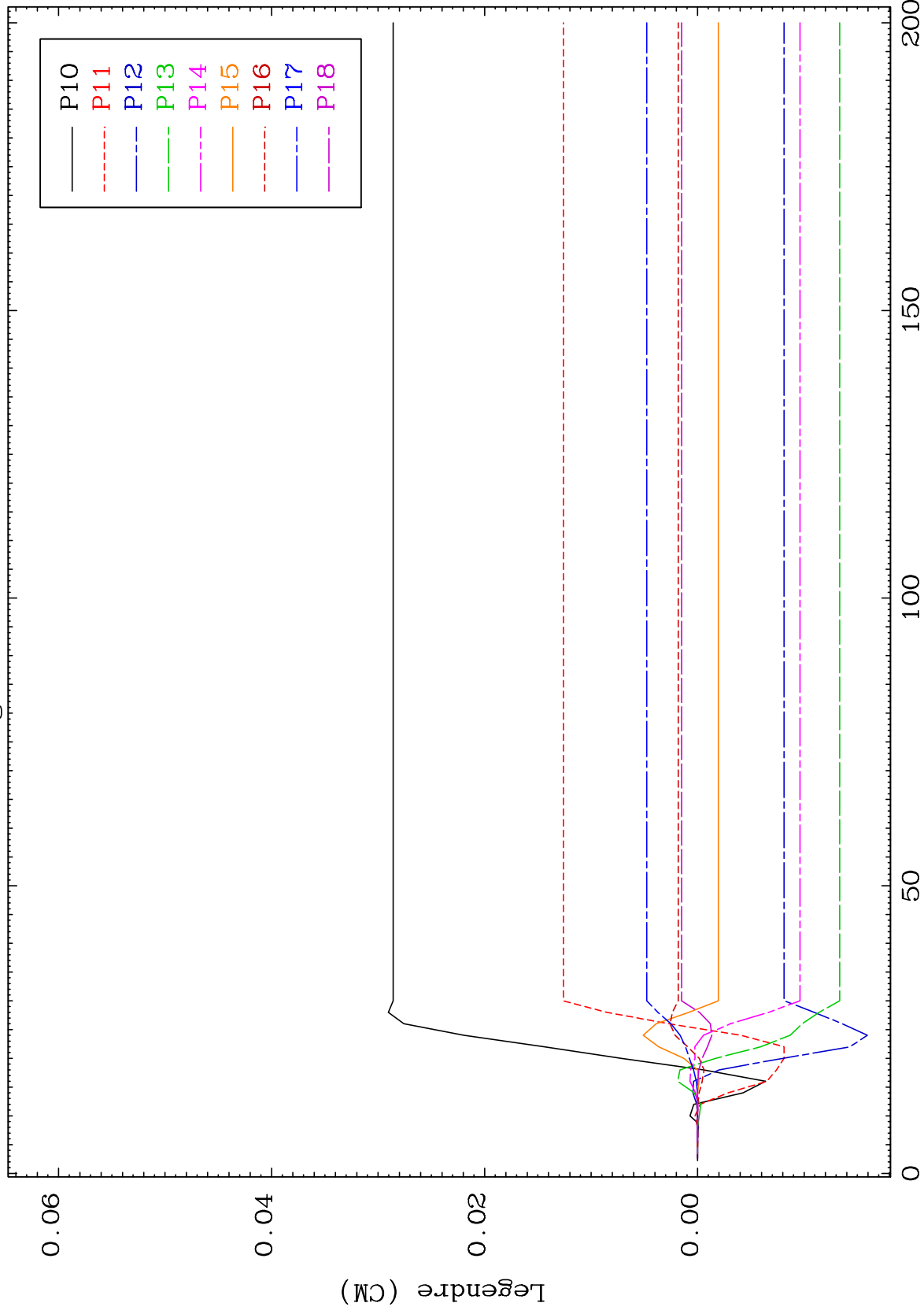
Incident Energy (MeV)

81-T1-197

MAT 8107

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

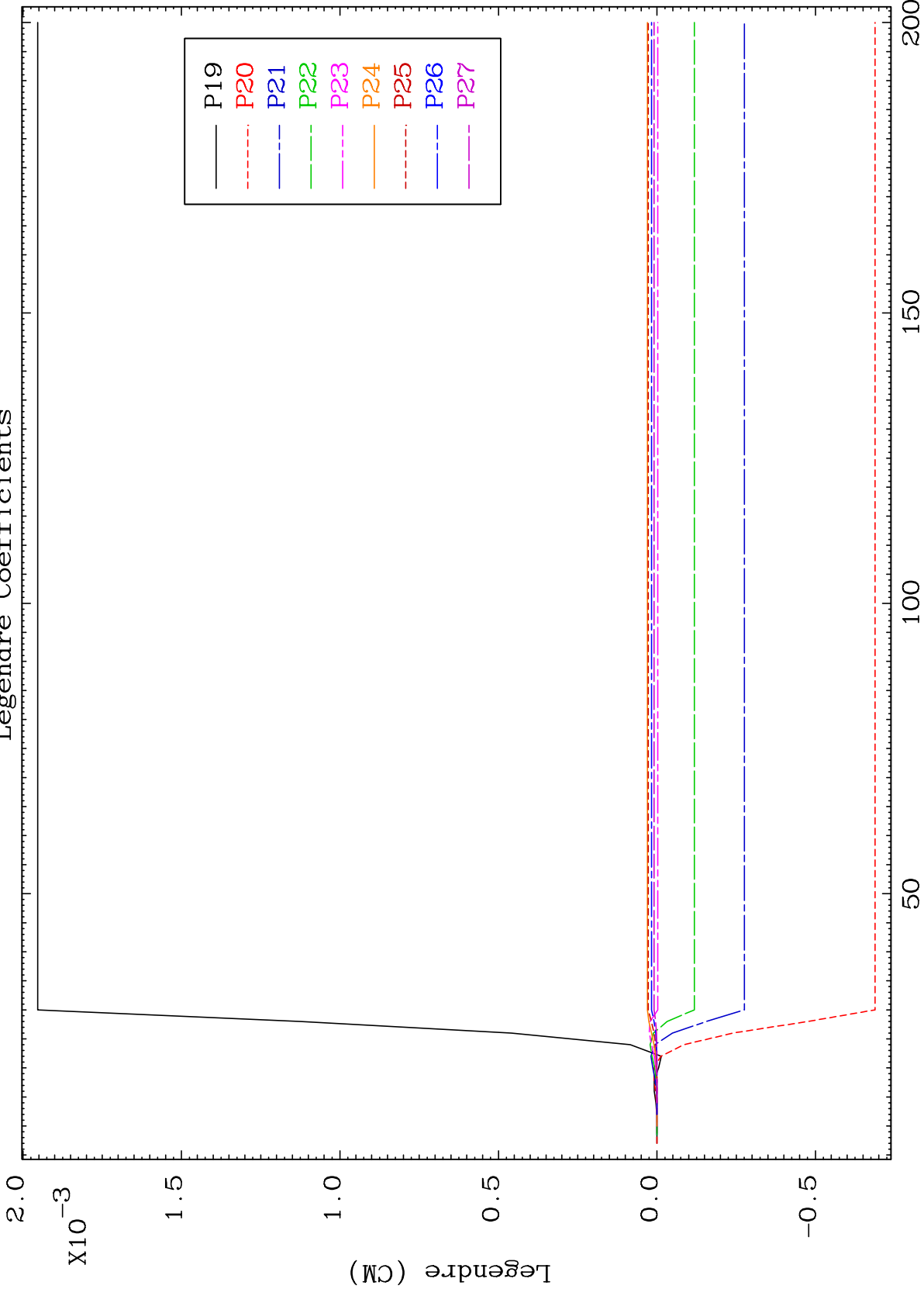
81-Tl-197



83

Incident Energy (MeV)

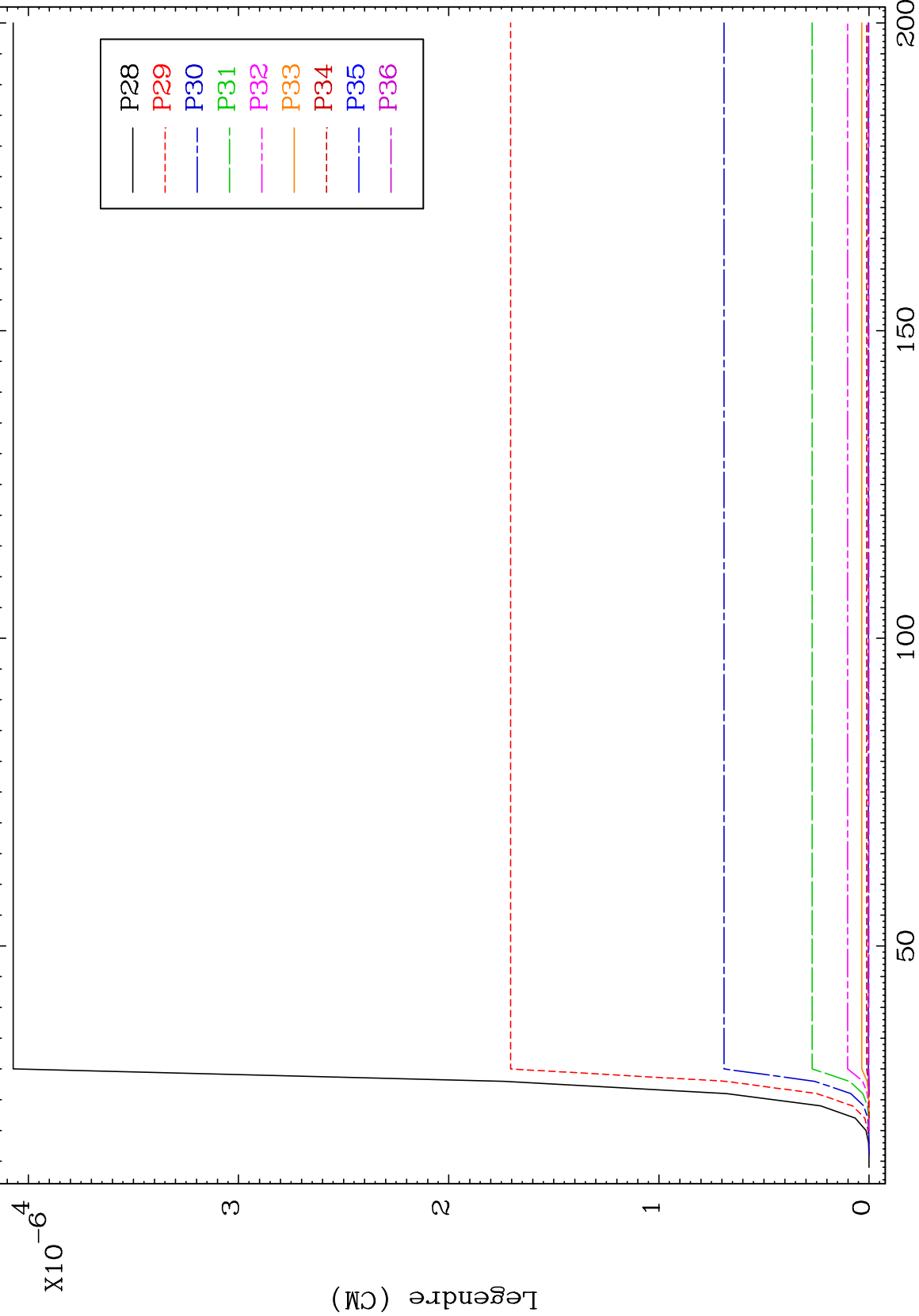
81-Tl-197



MAT 8107

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

81-Tl-197



85

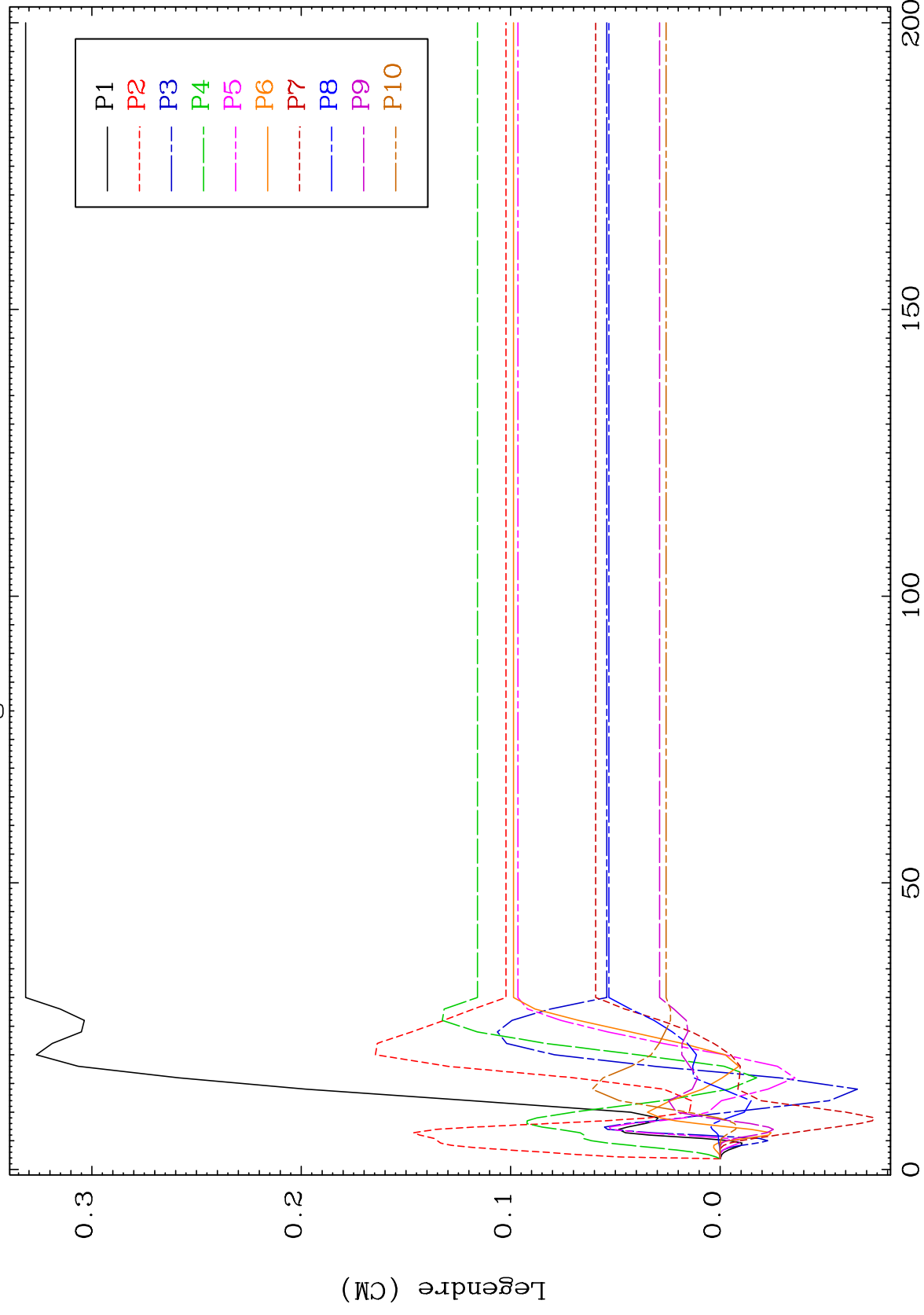
Incident Energy (MeV)

81-Tl-197

MAT 8107

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

81-T1-197



86

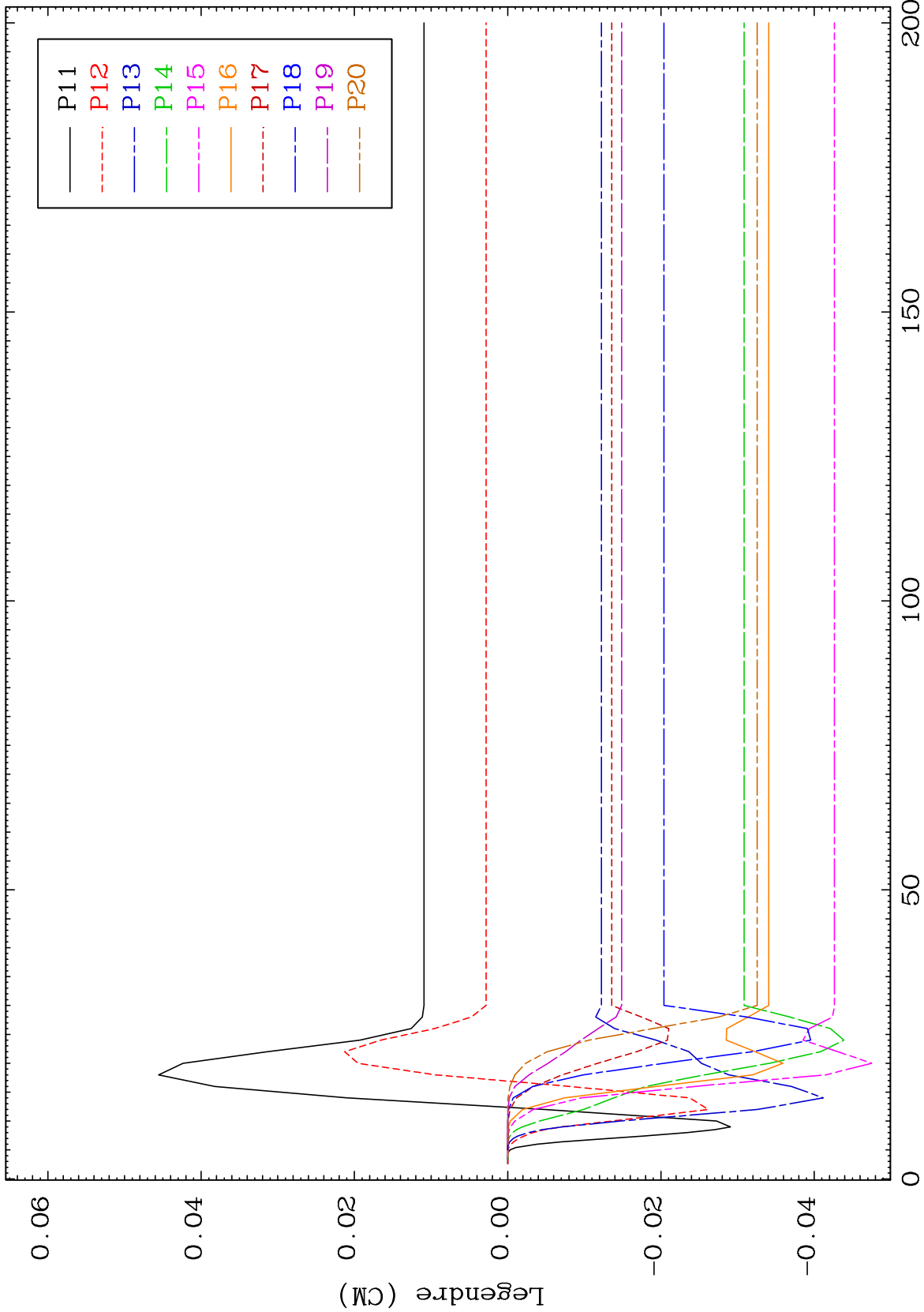
Incident Energy (MeV)

81-T1-197

MAT 8107

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

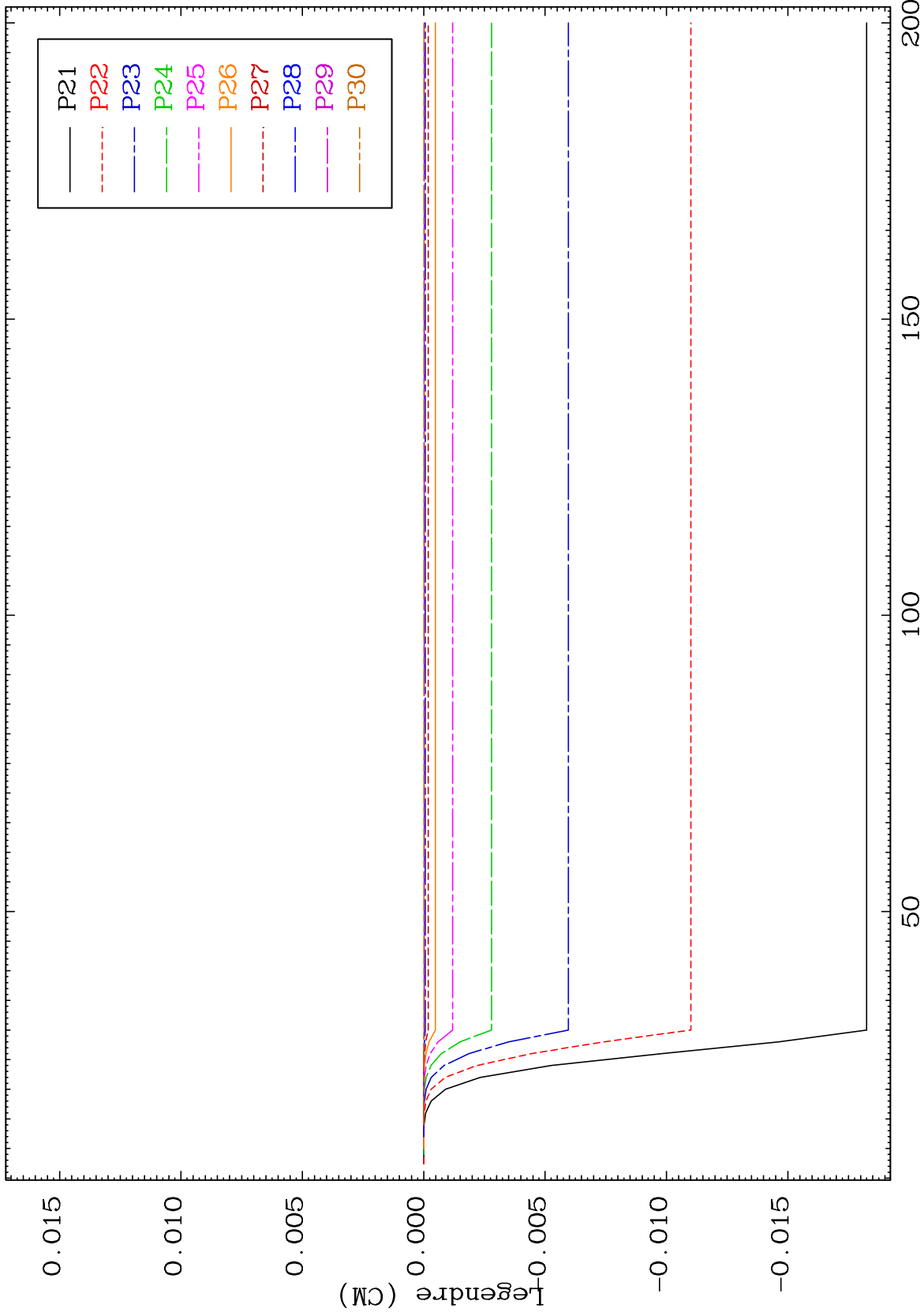
81-T1-197



87

Incident Energy (MeV)

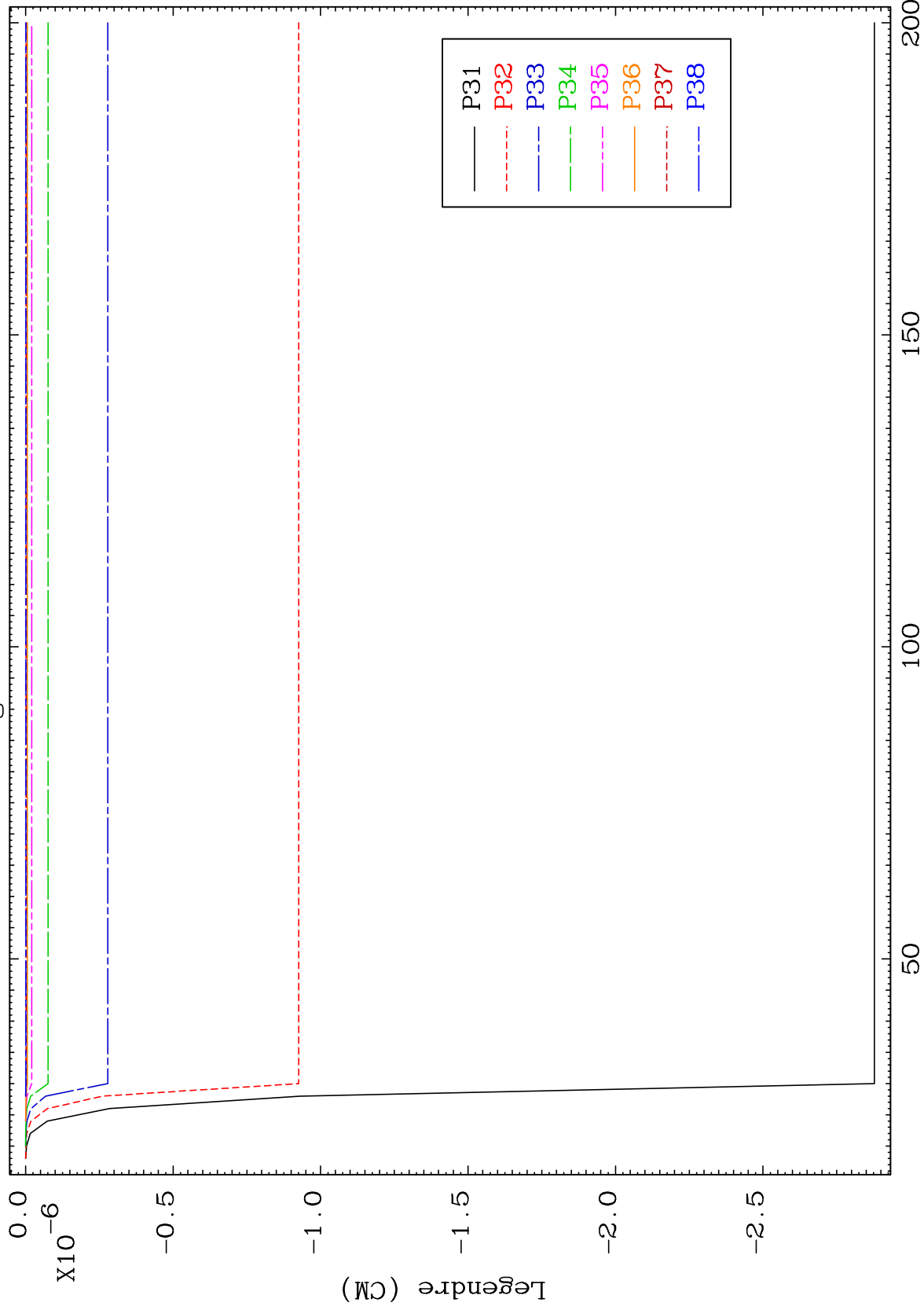
81-T1-197



MAT 8107

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

81-T1-197



89

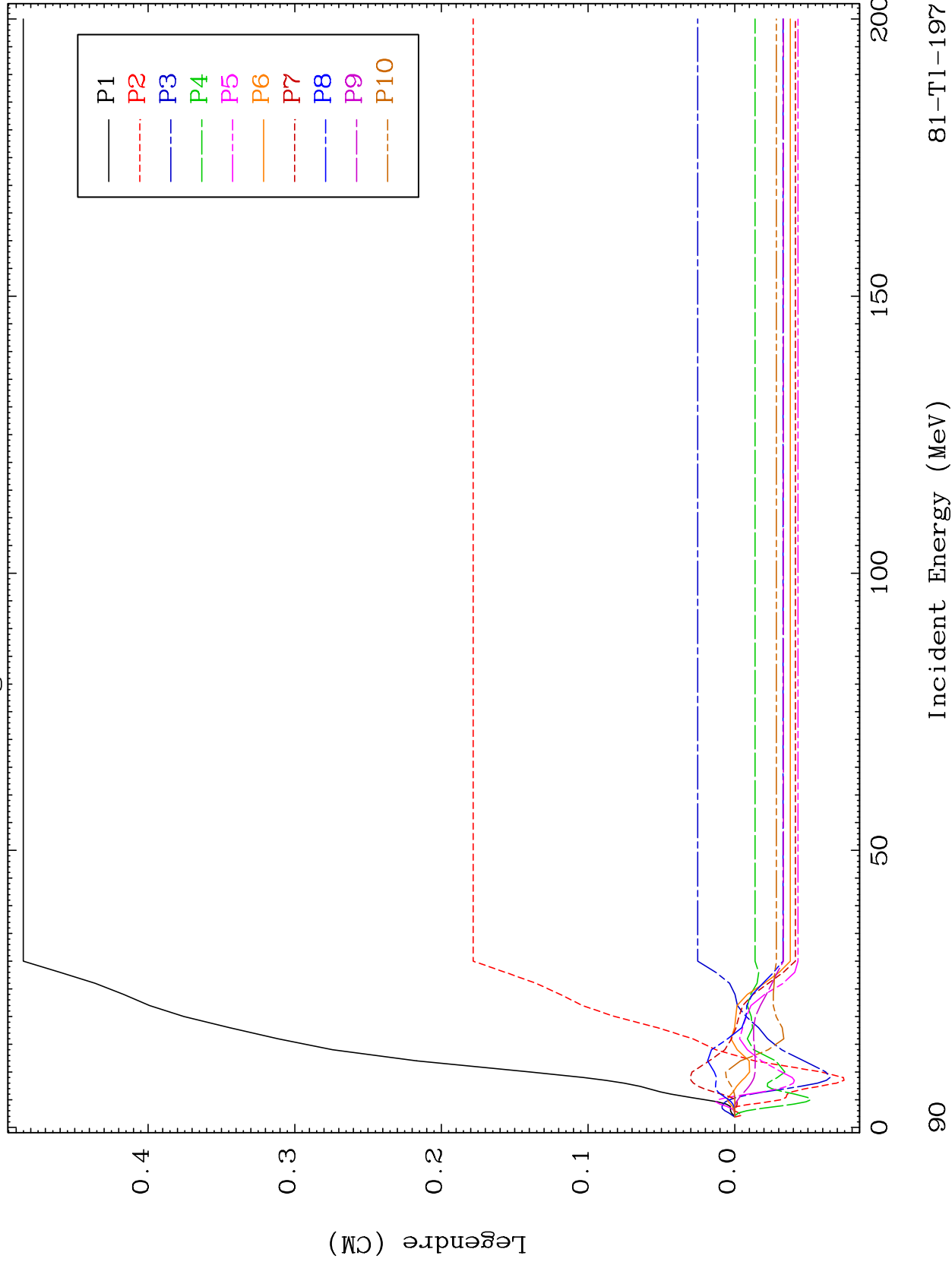
Incident Energy (MeV)

81-T1-197

MAT 8107

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

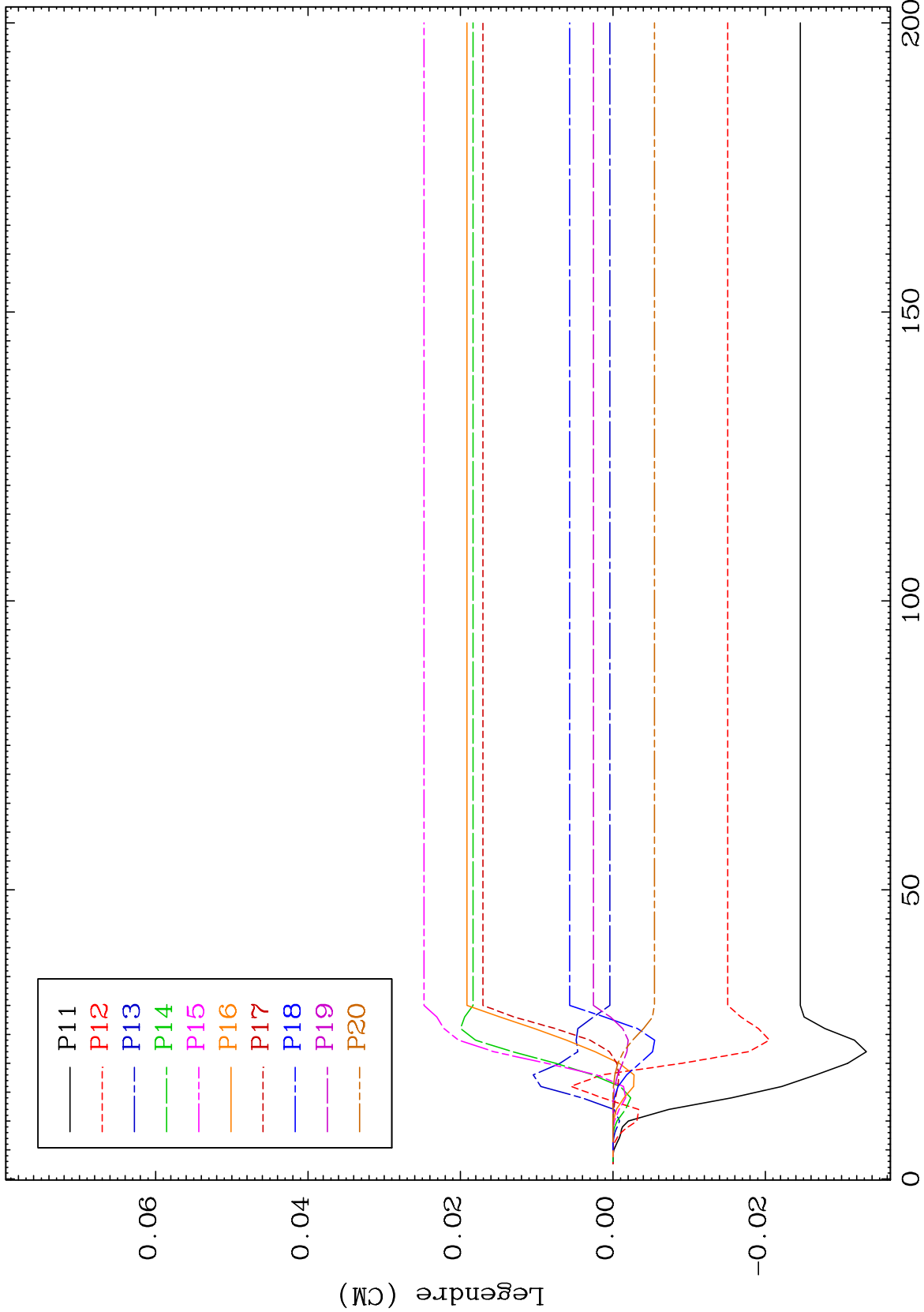
81-T1-197



MAT 8107

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

81-T1-197



91

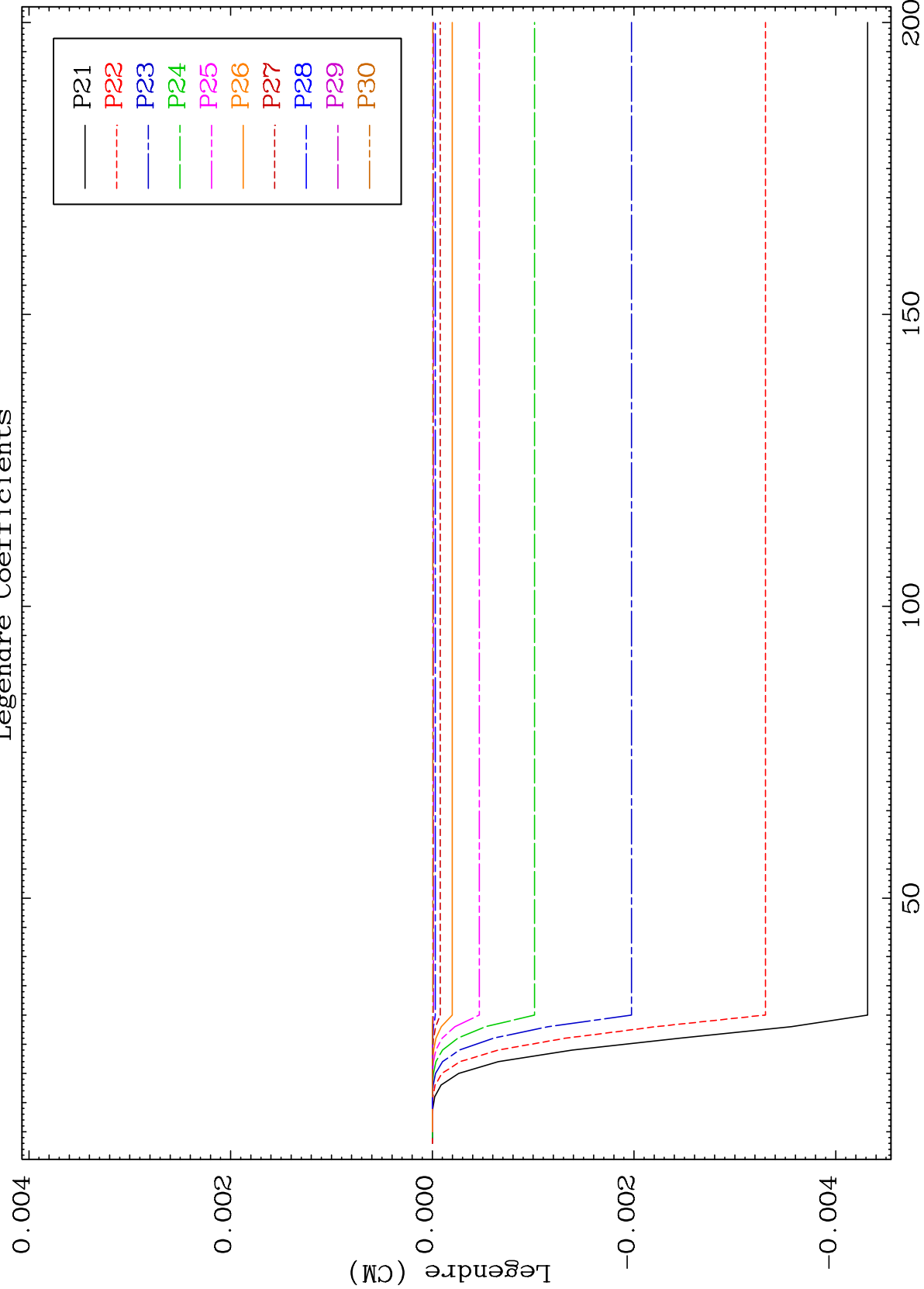
Incident Energy (MeV)

81-T1-197

MAT 8107

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

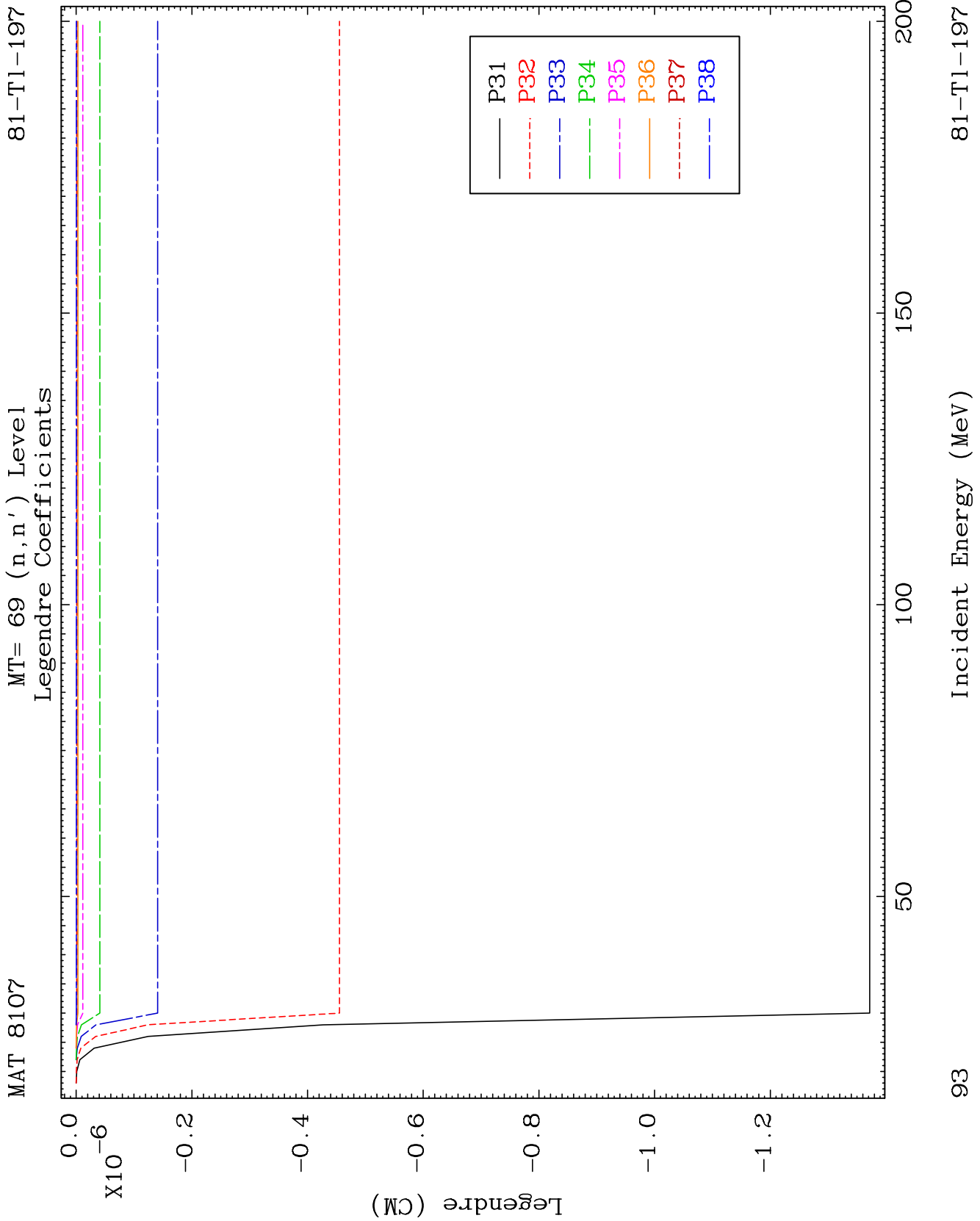
81-T1-197



92

Incident Energy (MeV)

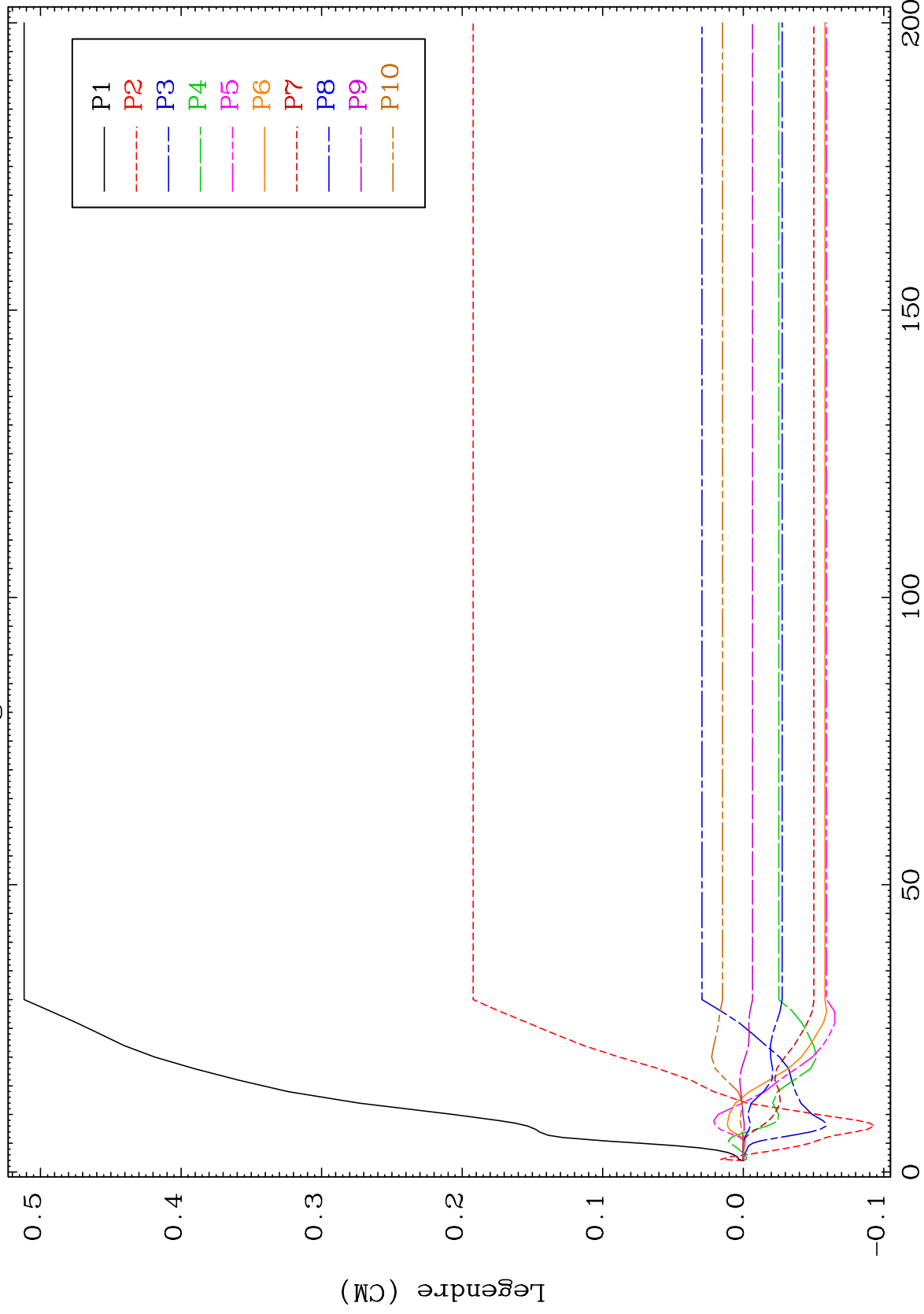
81-T1-197



MAT 8107

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

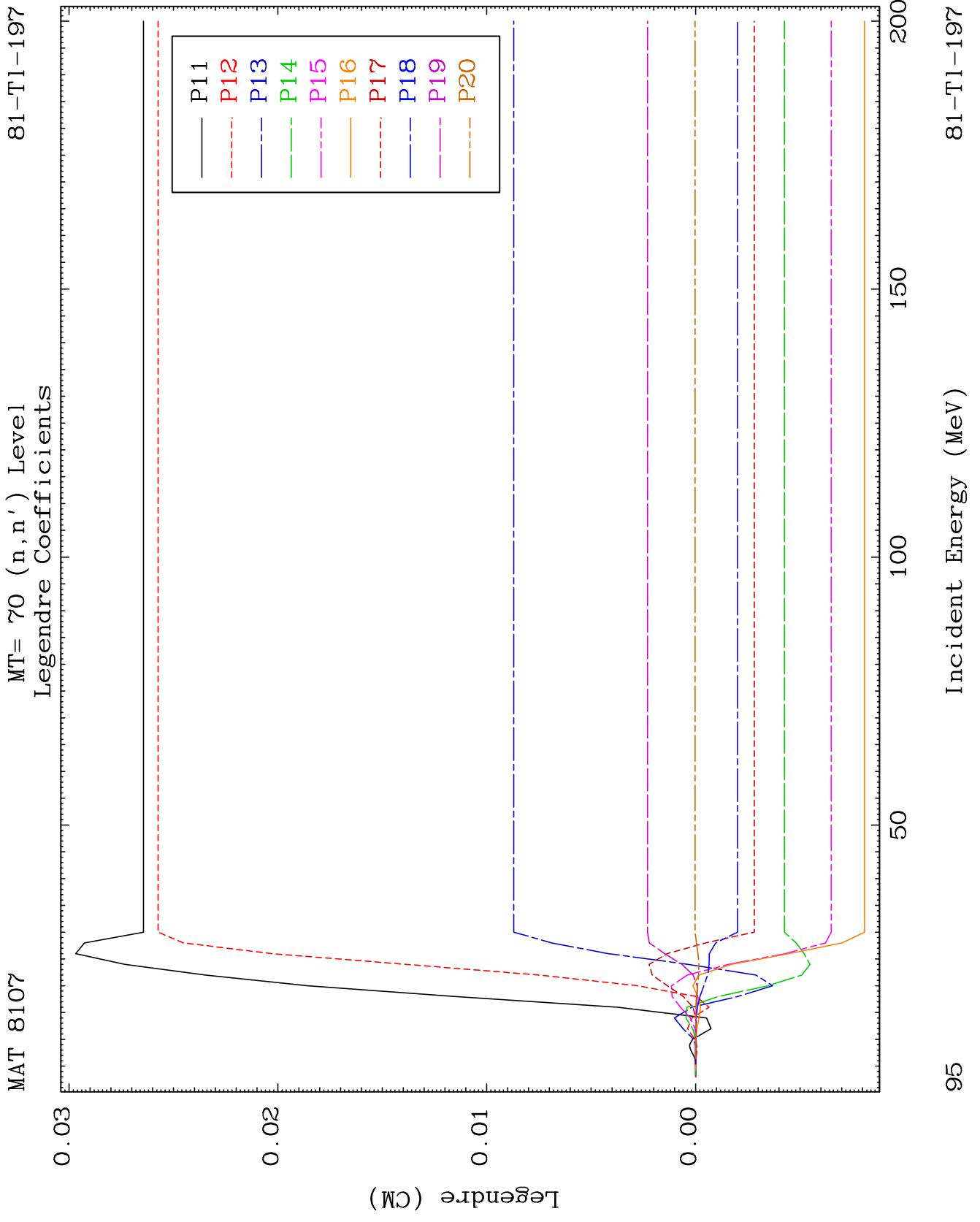
81-T1-197

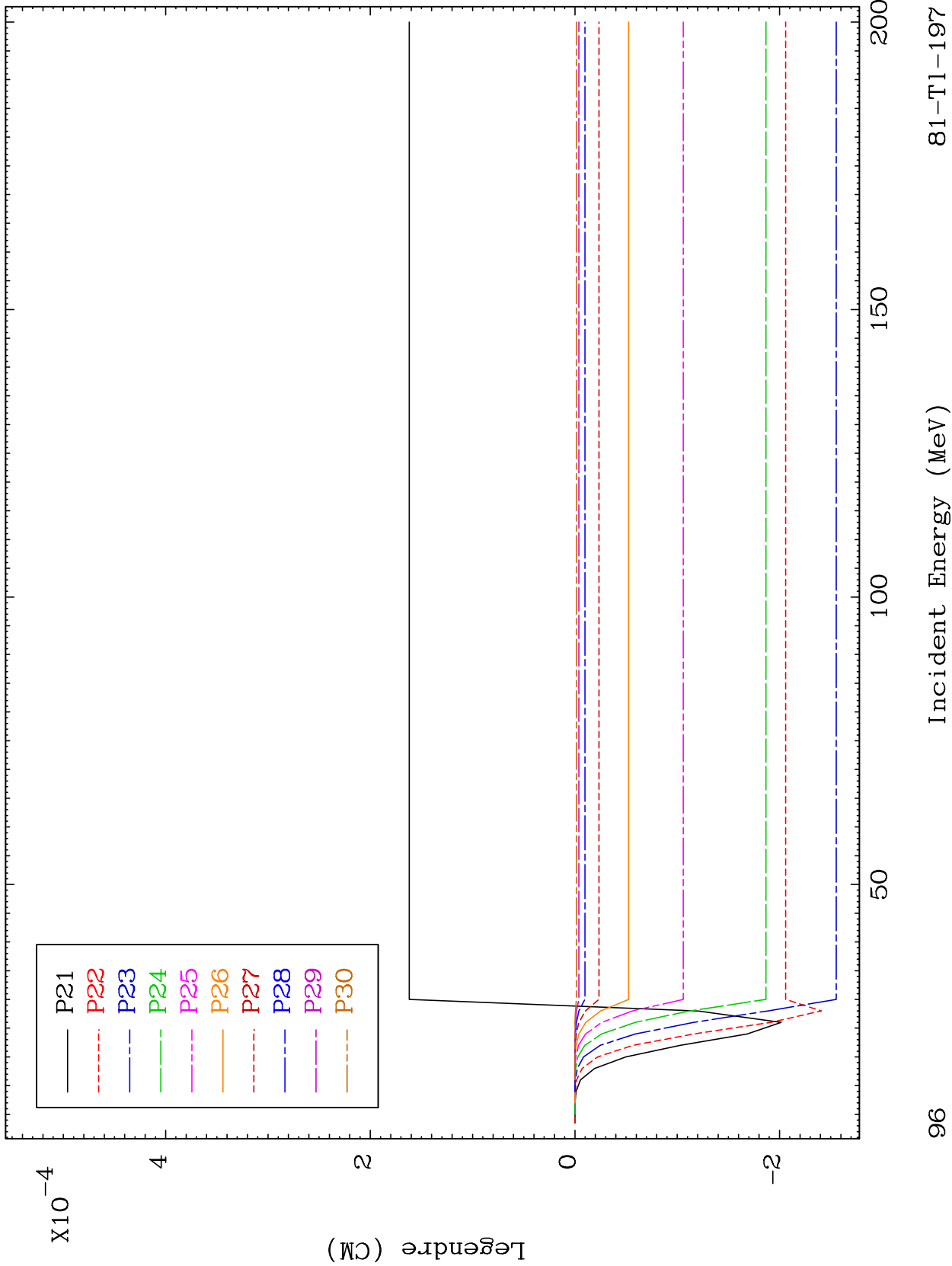


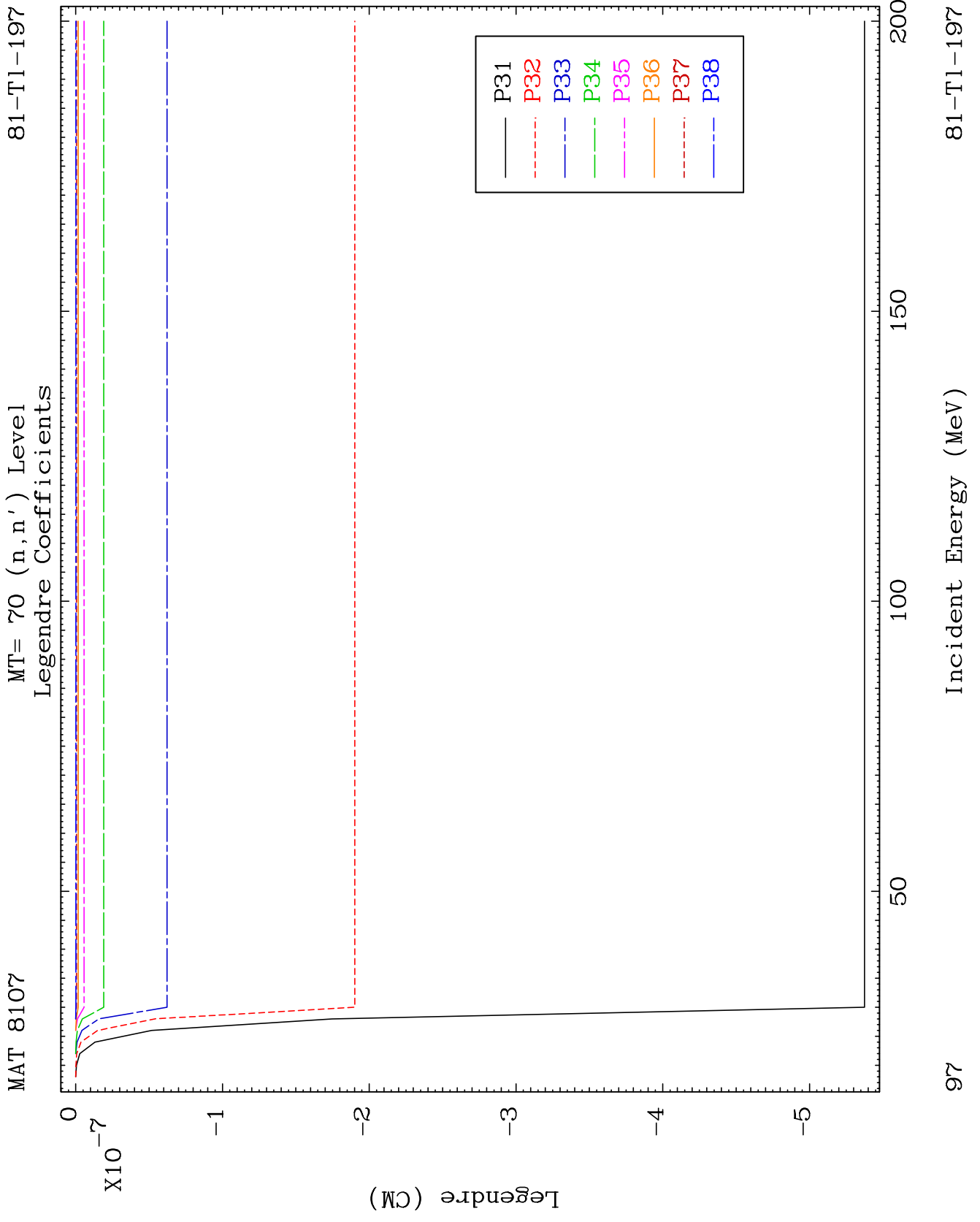
94

Incident Energy (MeV)

81-T1-197



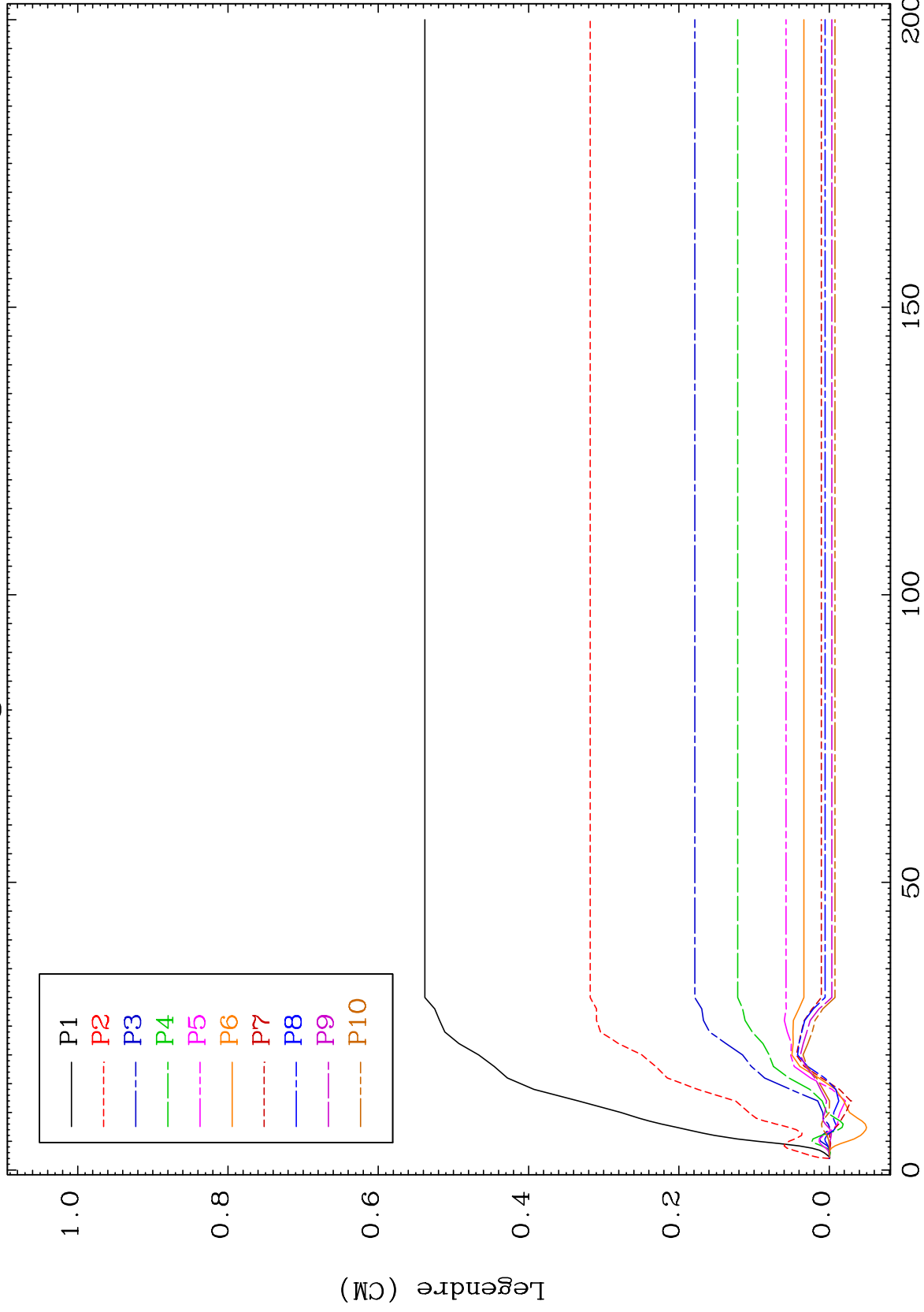




MAT 8107

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

81-T1-197



98

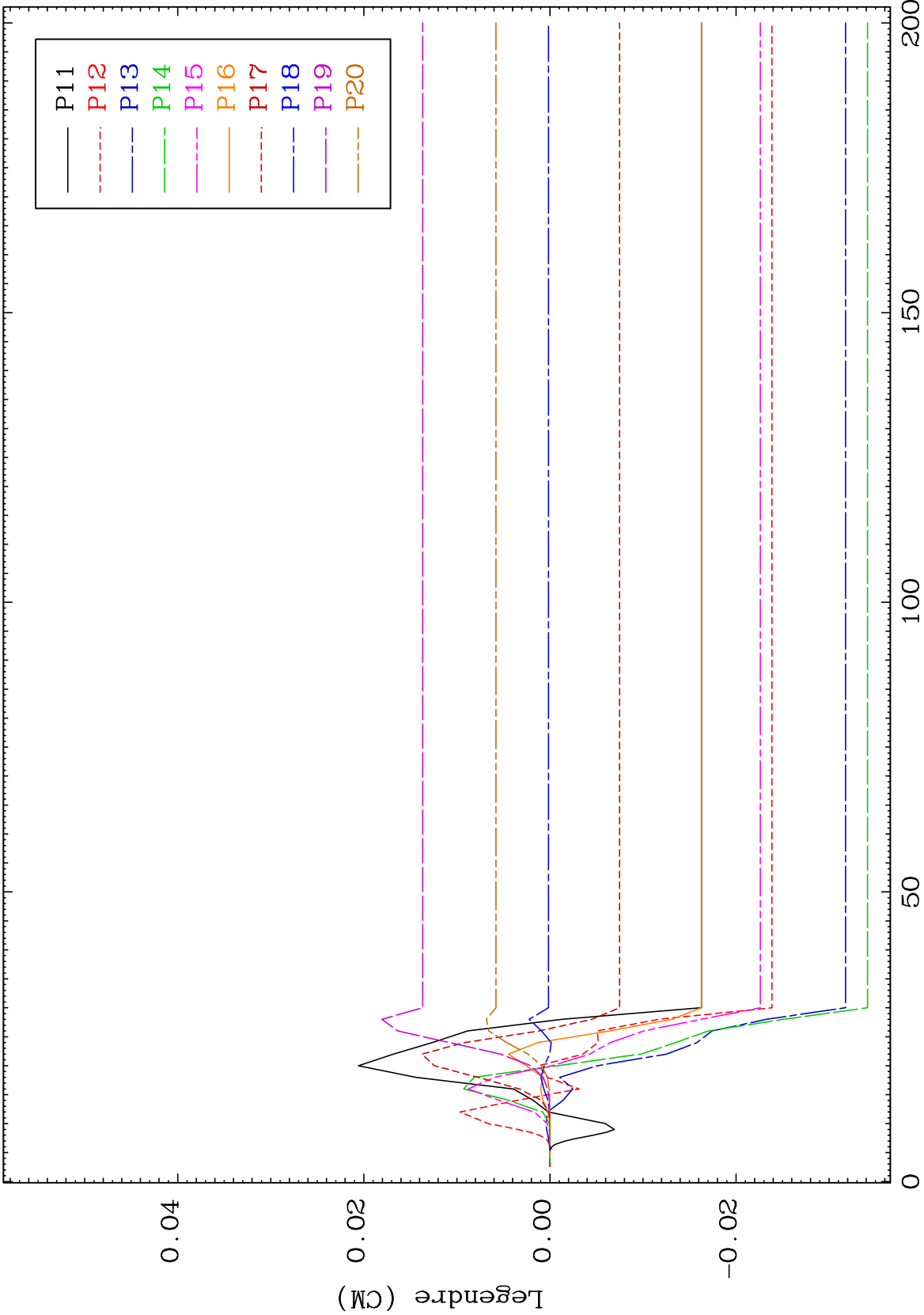
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



99

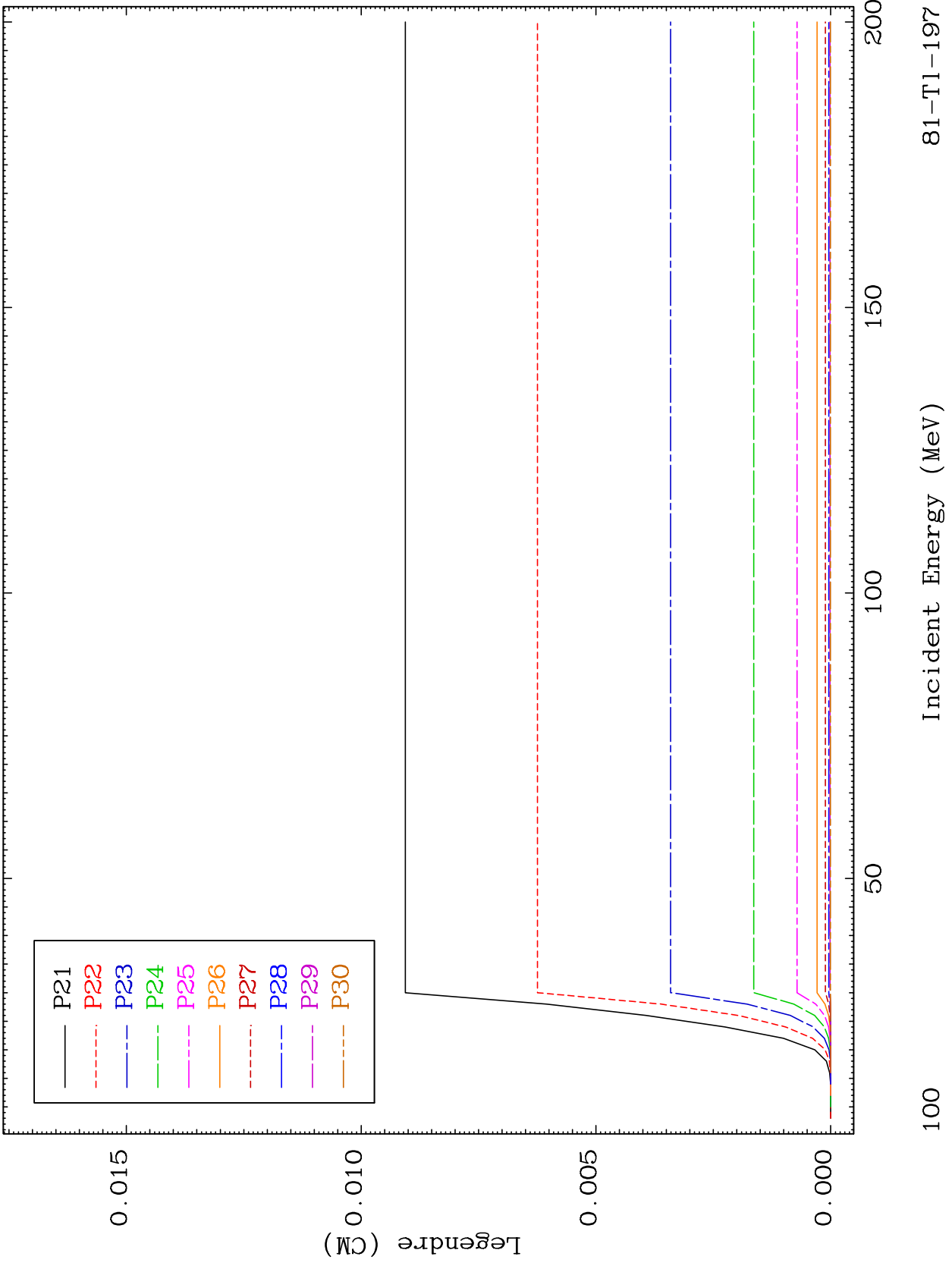
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-Tl-197



81-Tl-197

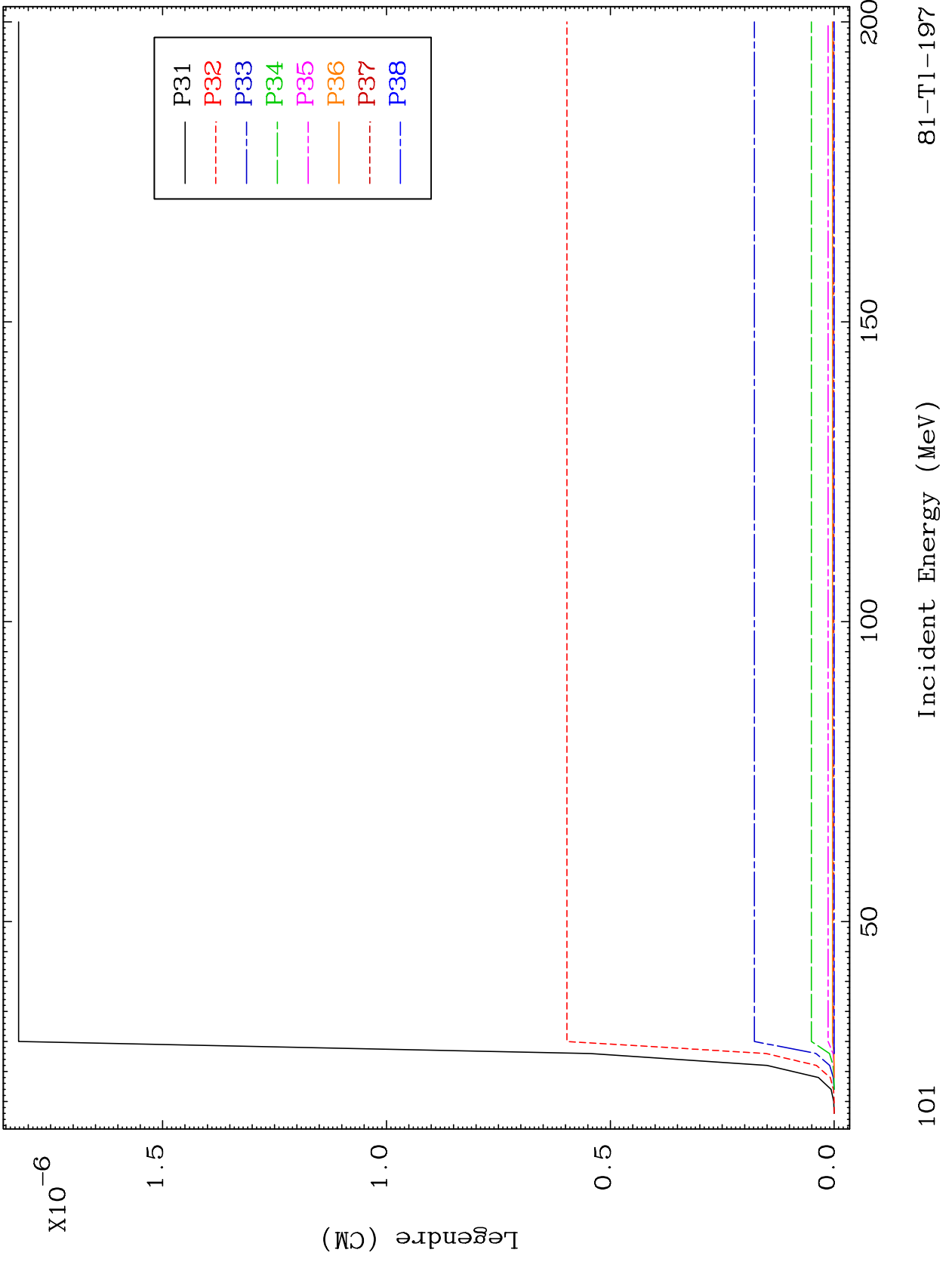
Incident Energy (MeV)

100

MAT 8107

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

81-T1-197

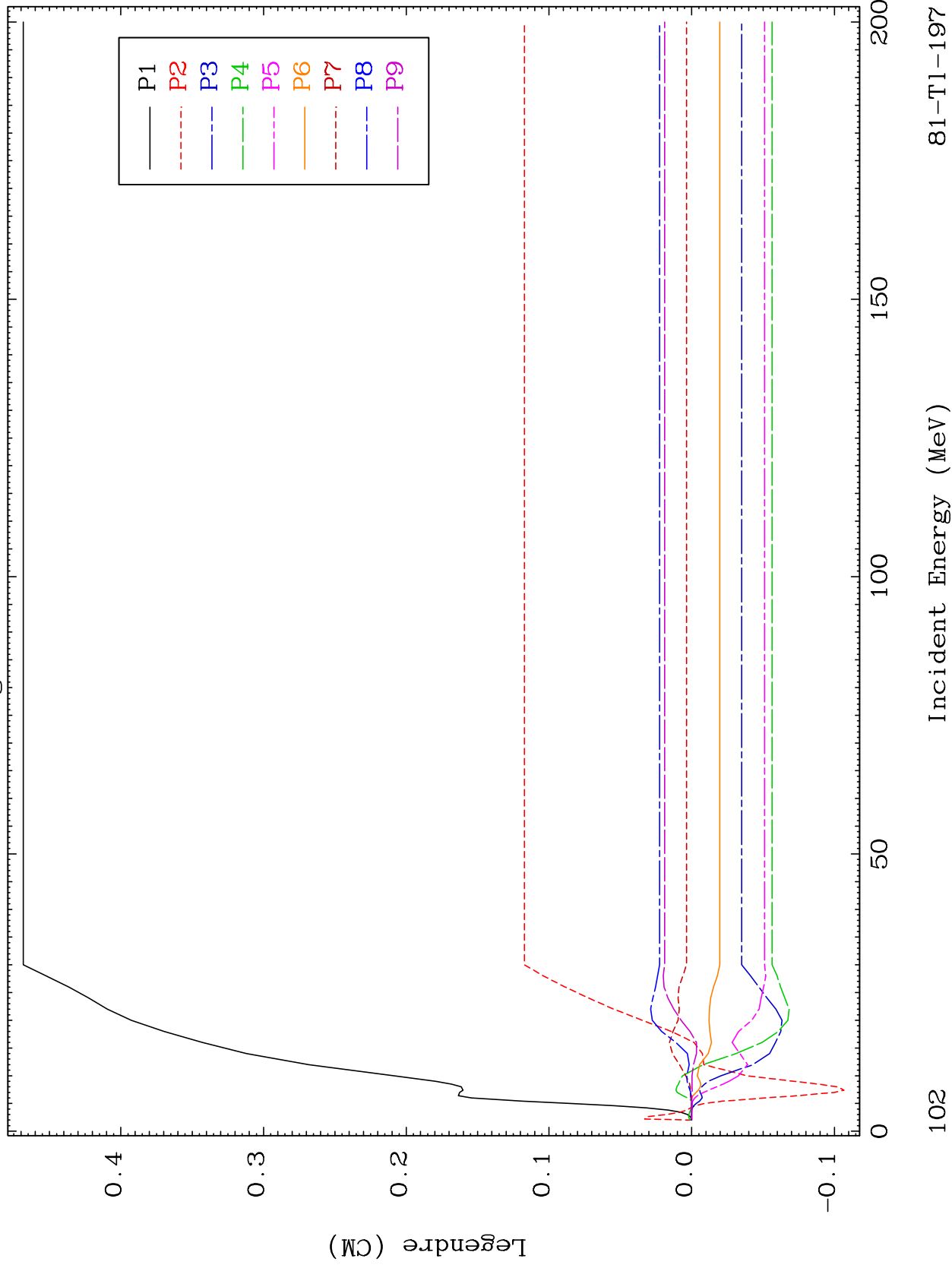


101

MAT 8107

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

81-T1-197

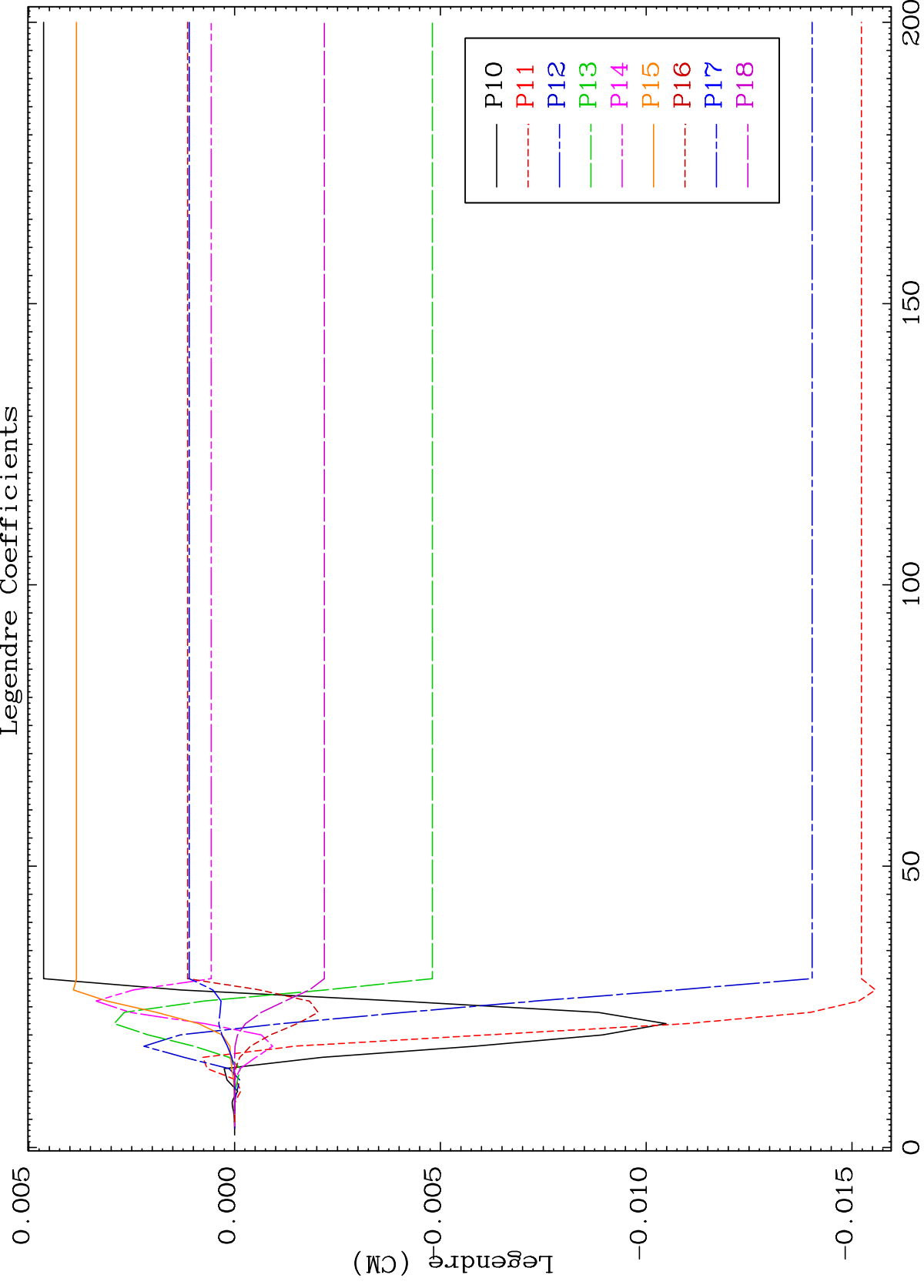


81-T1-197

MAT 8107

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

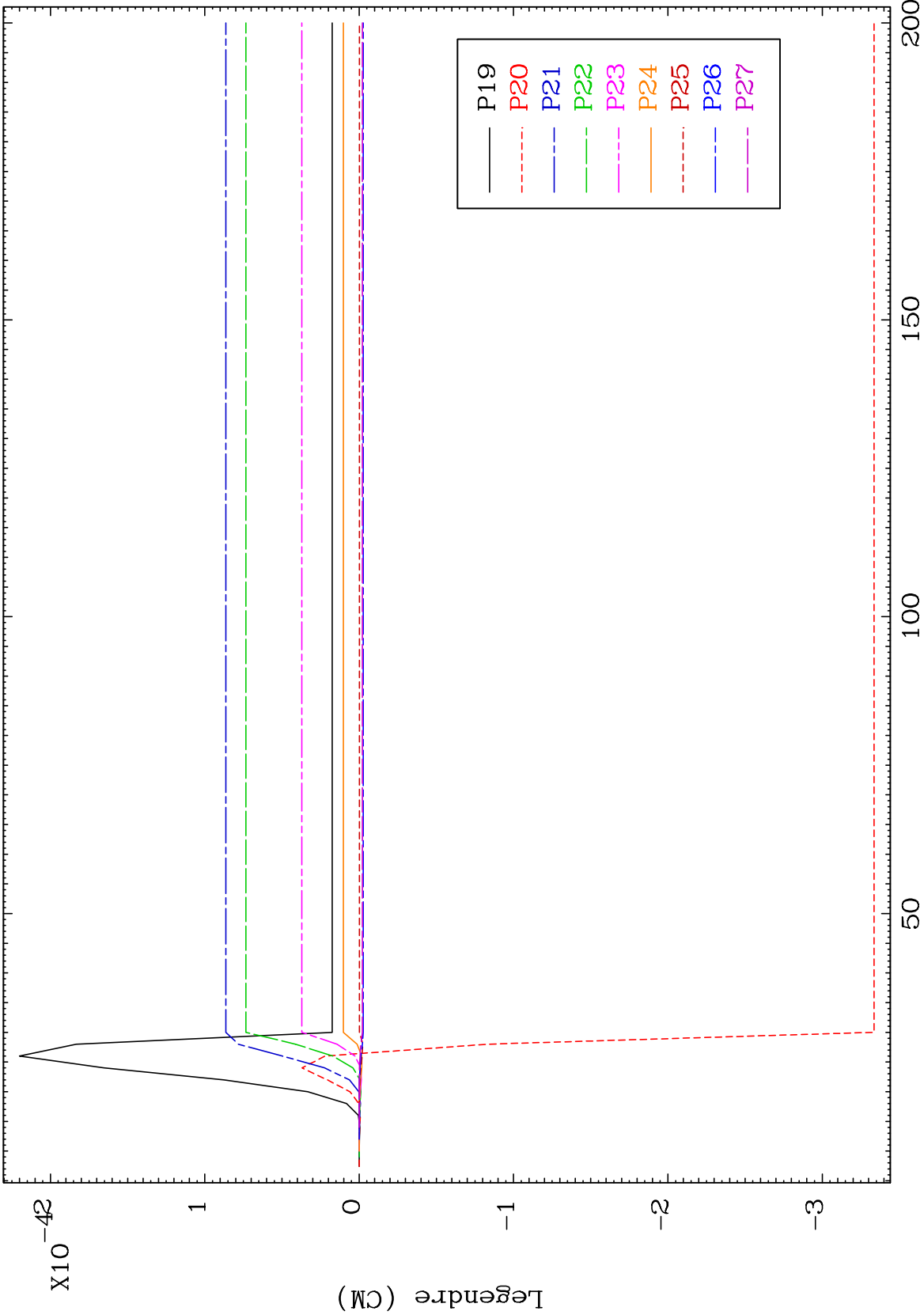
81-T1-197



103

Incident Energy (MeV)

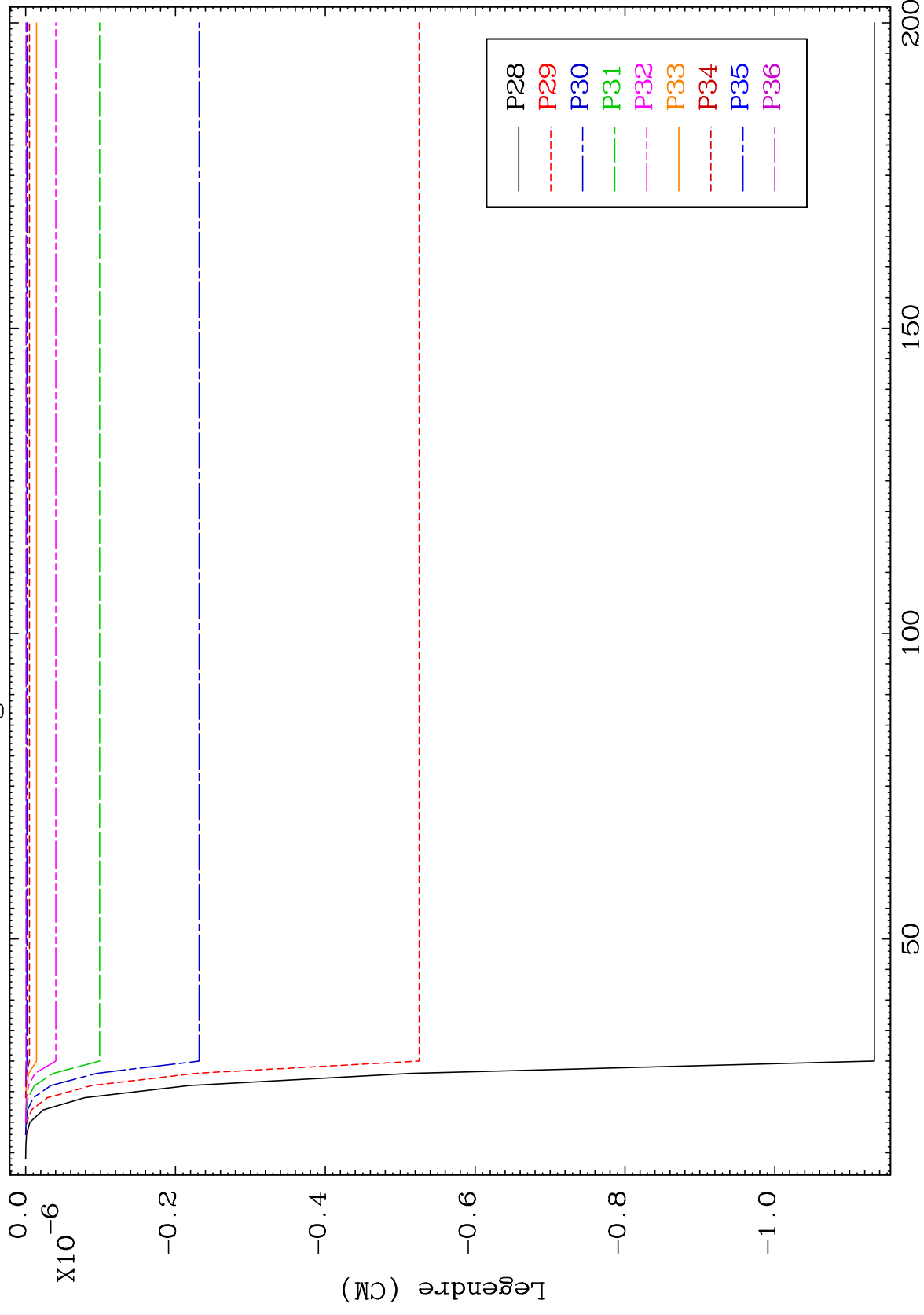
81-T1-197



MAT 8107

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

81-T1-197



105

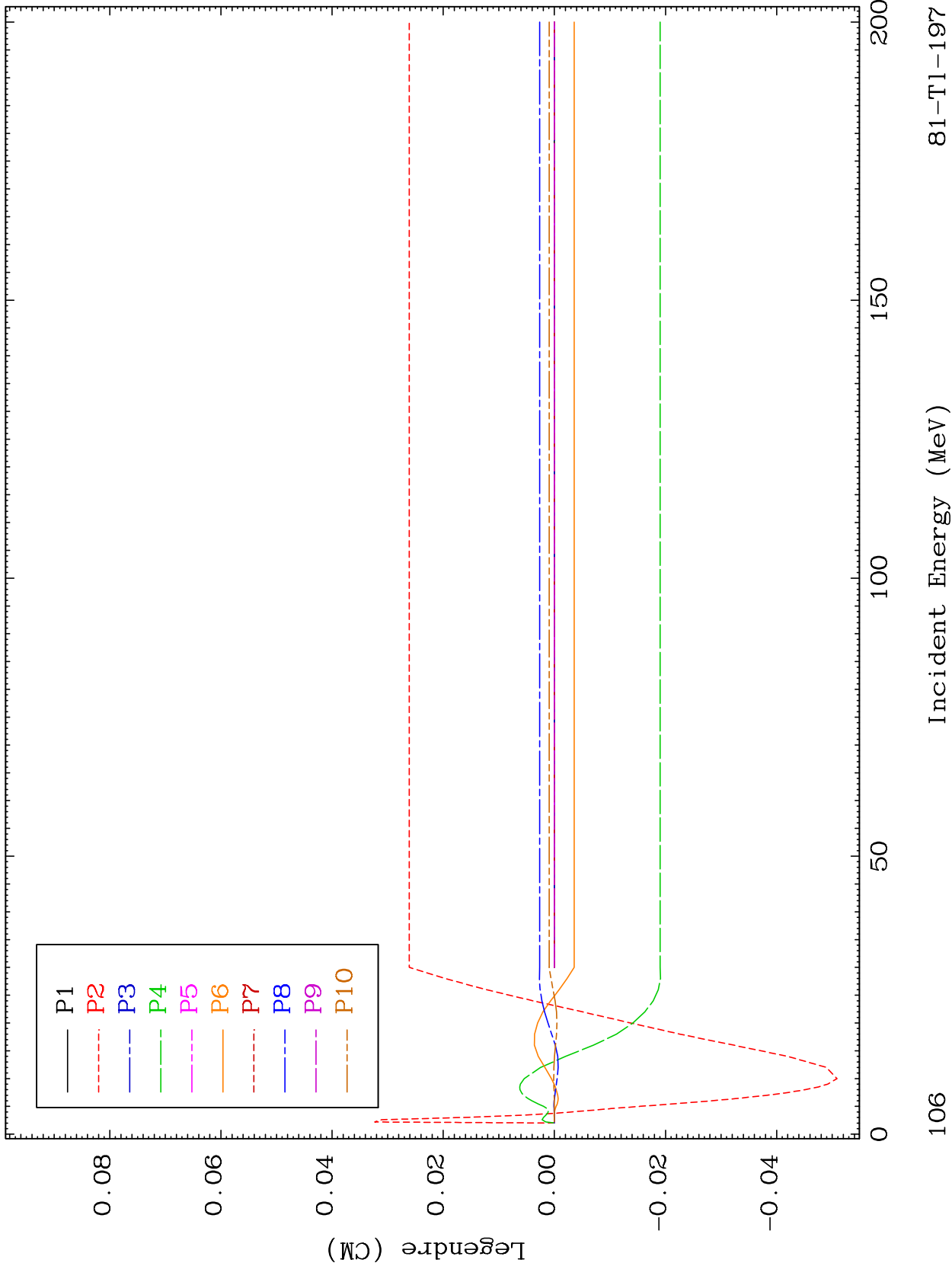
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



81-T1-197

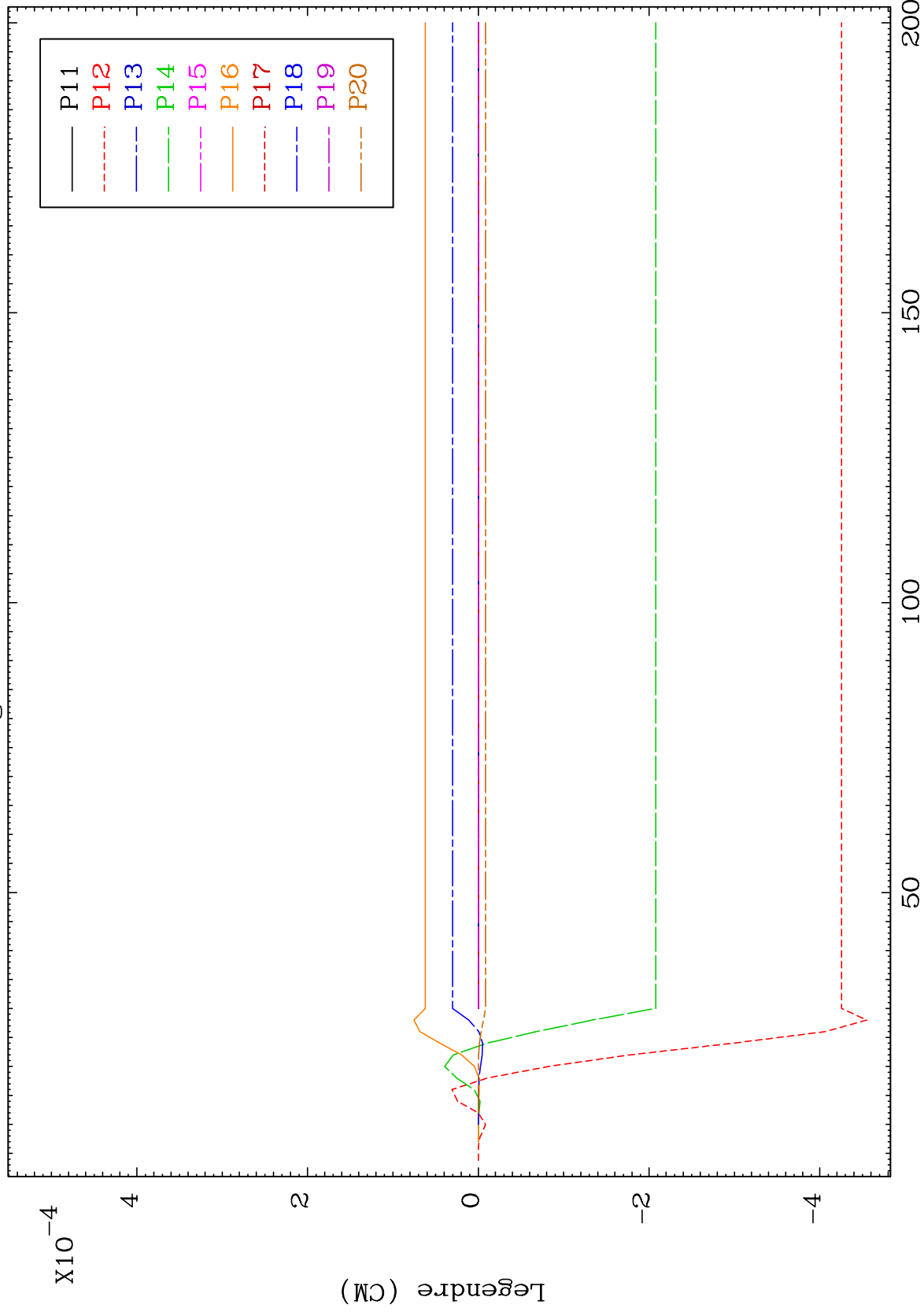
Incident Energy (MeV)

106

MAT 8107

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

81-Tl-197



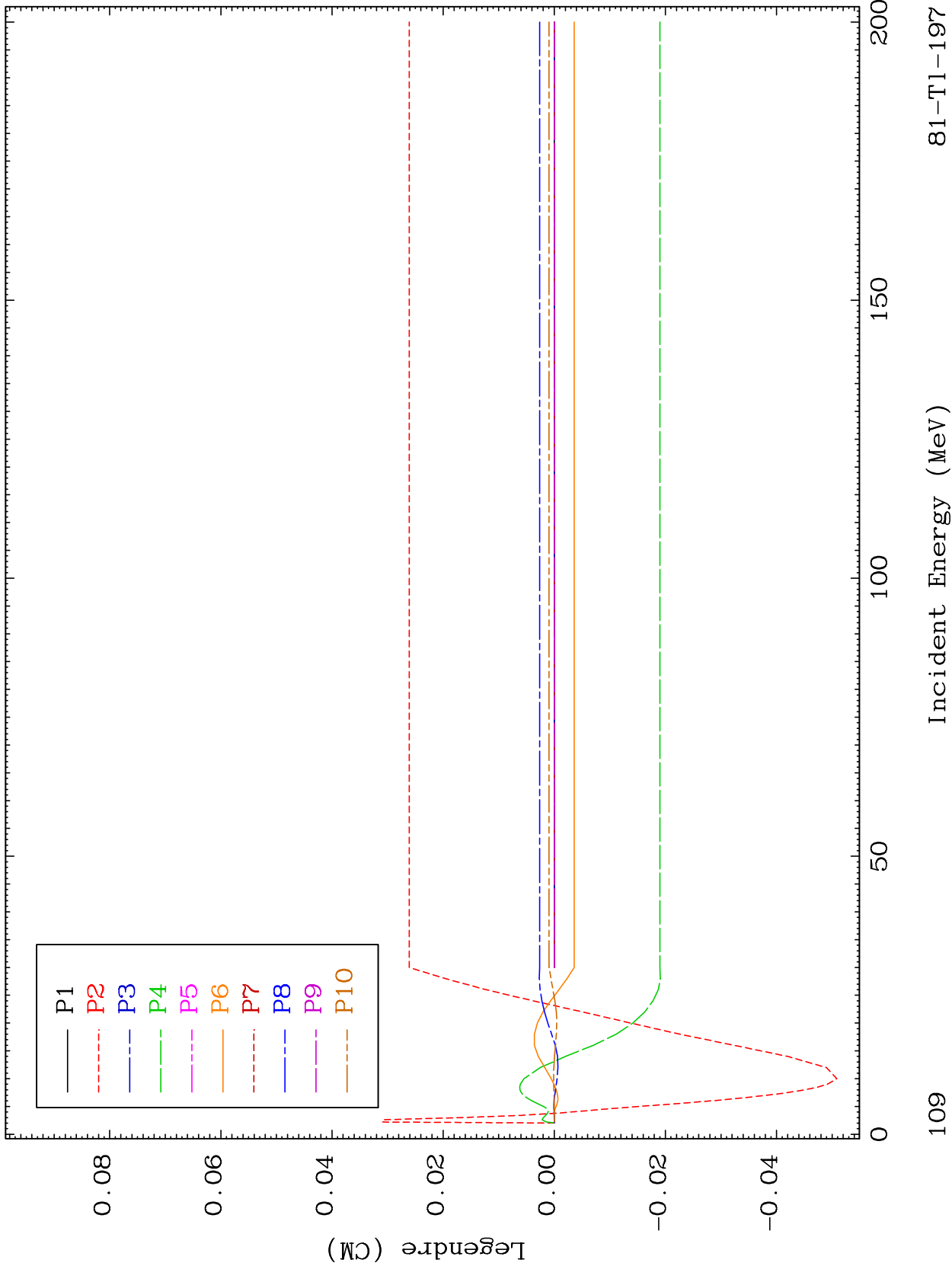
107

81-Tl-197

MAT 8107

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

81-T1-197



109

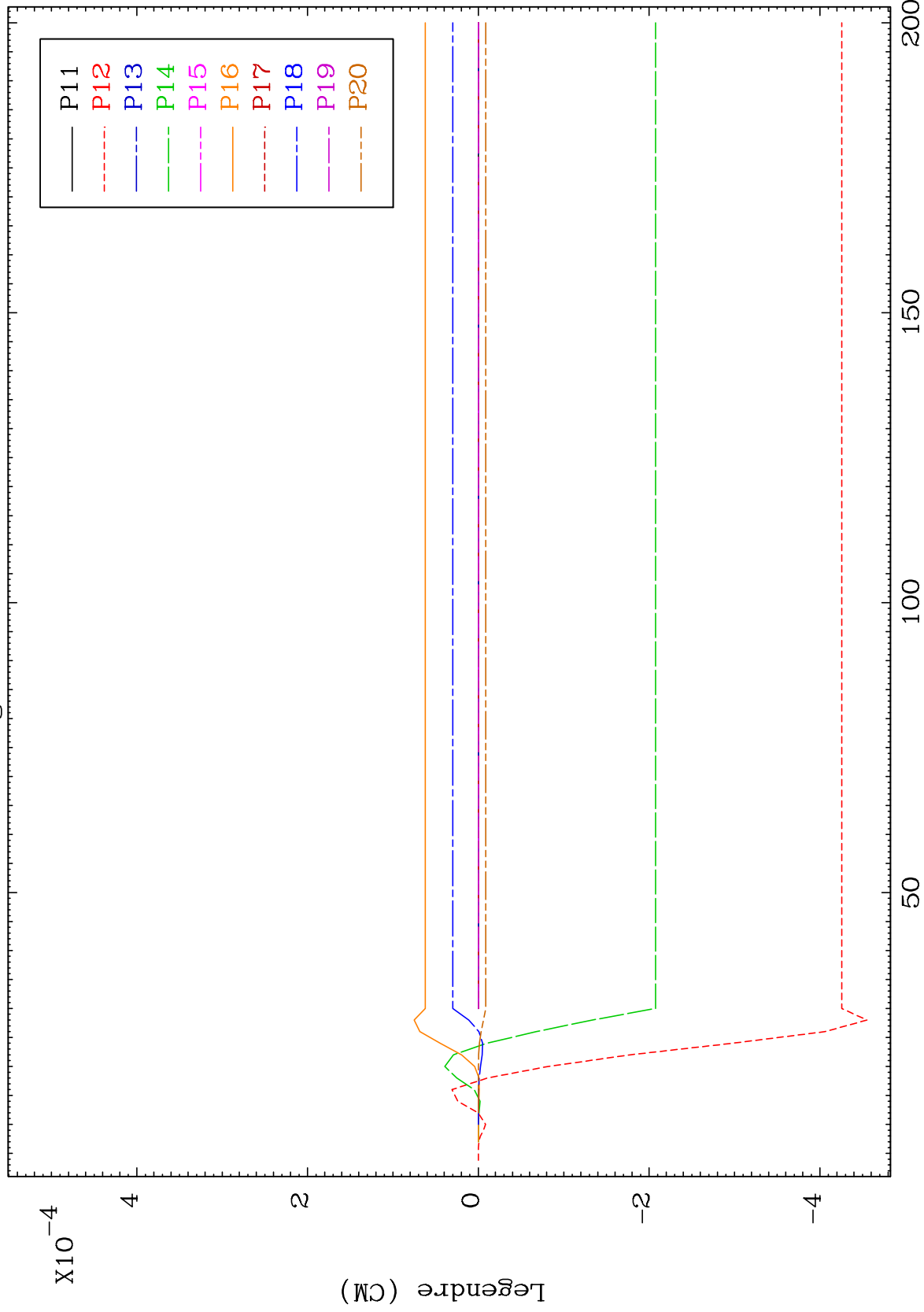
Incident Energy (MeV)

81-T1-197

MAT 8107

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

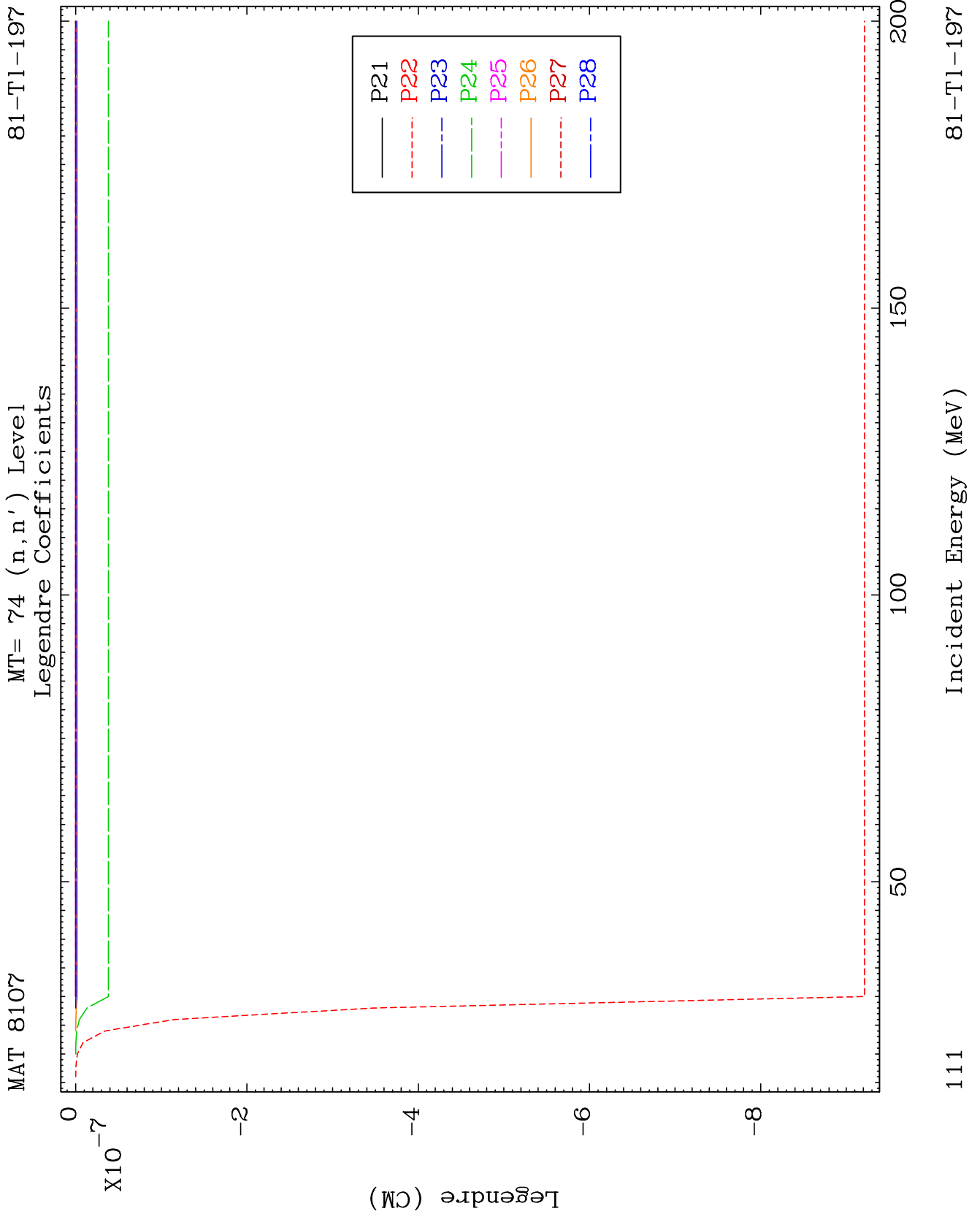
81-Tl-197



110

Incident Energy (MeV)

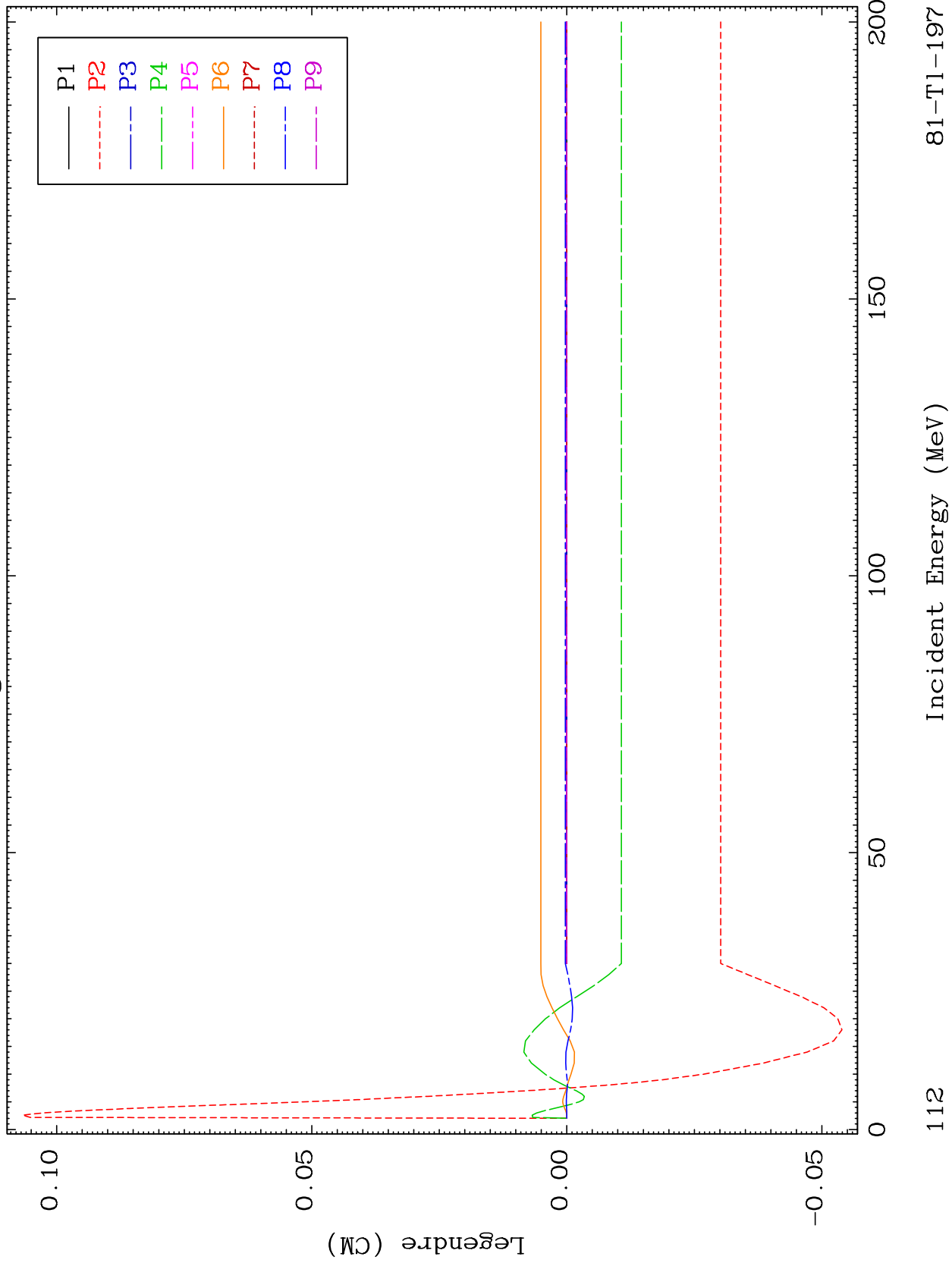
81-Tl-197



MAT 8107

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

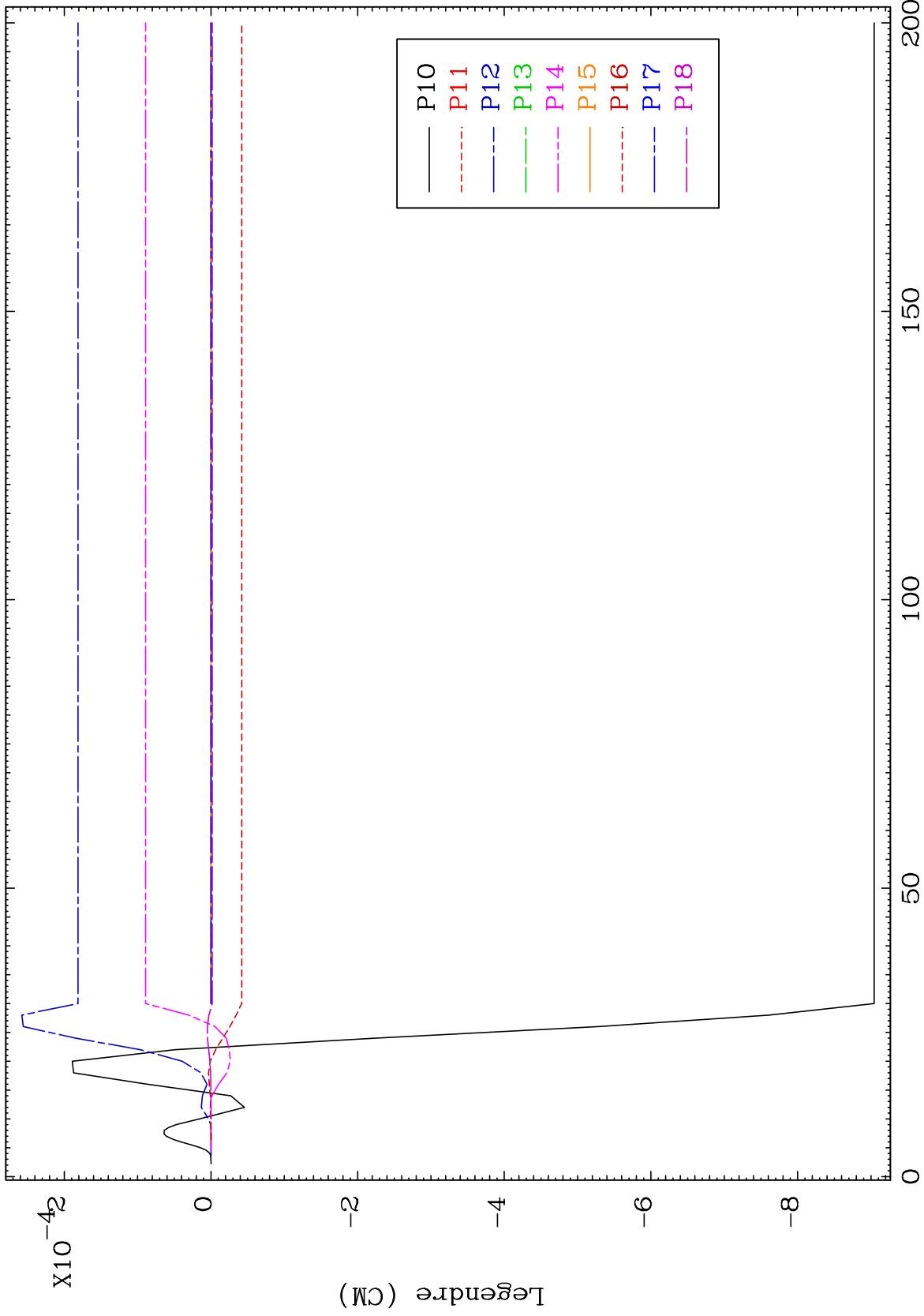
81-T1-197

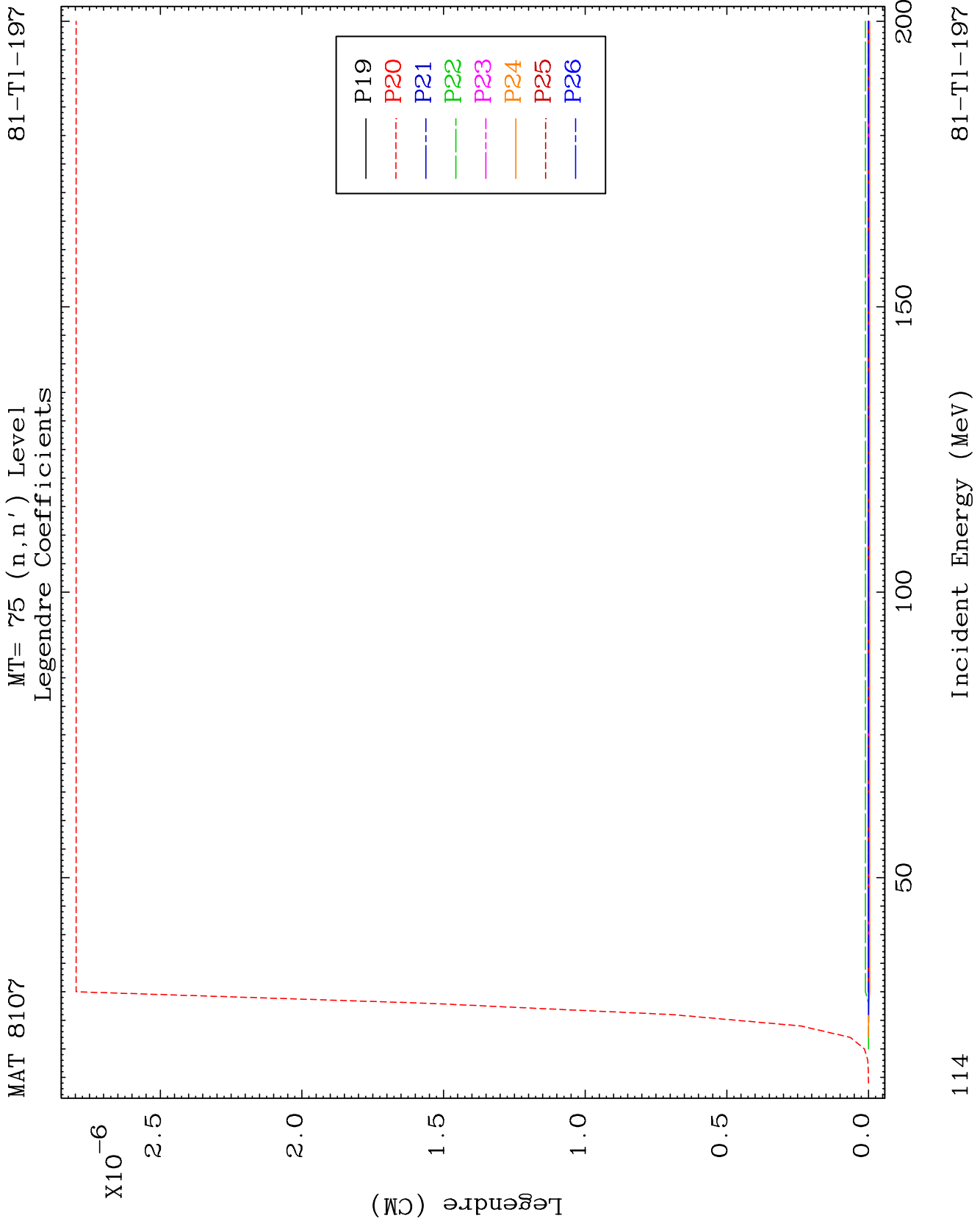


81-T1-197

Incident Energy (MeV)

112

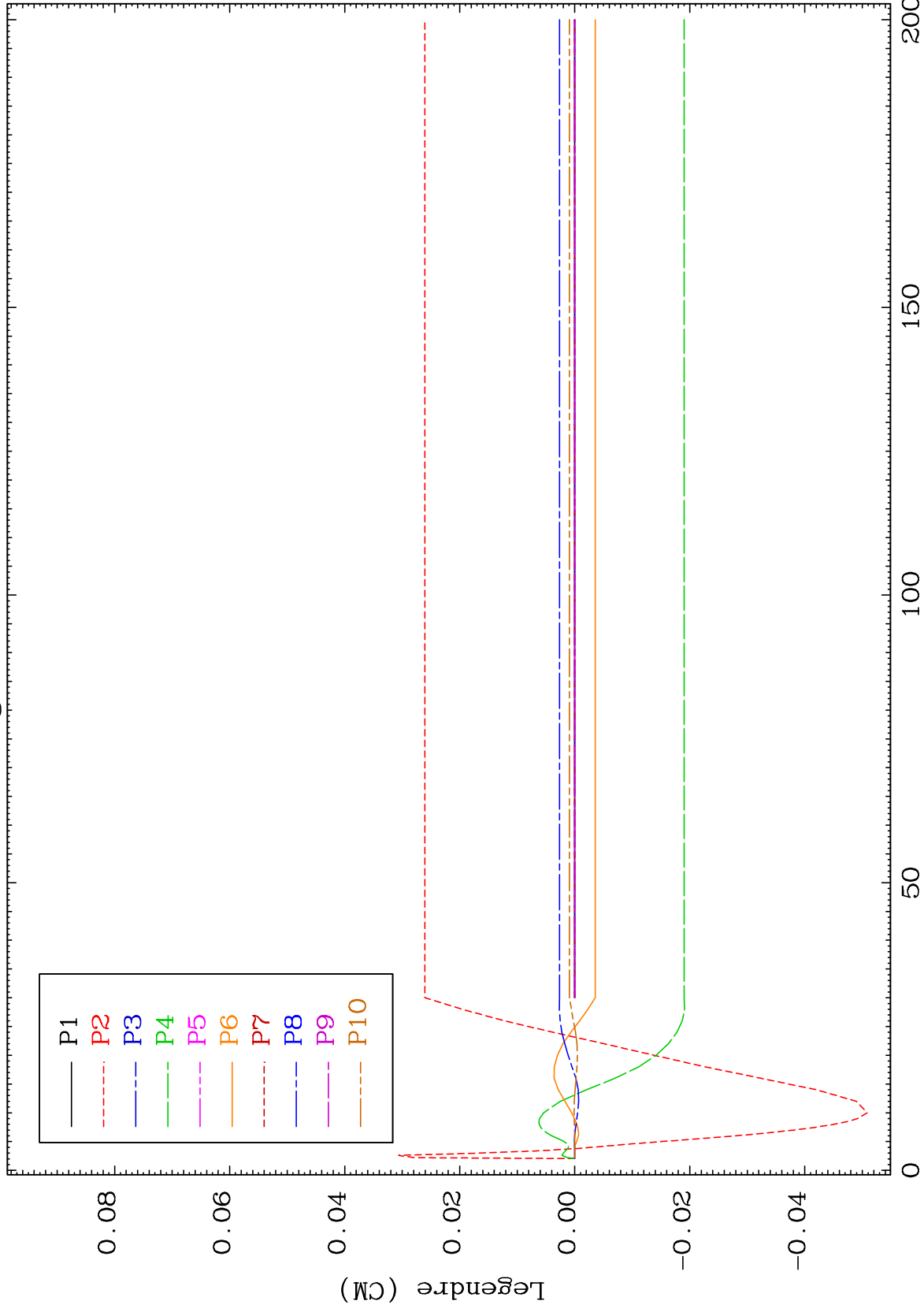




MAT 8107

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

81-T1-197



115

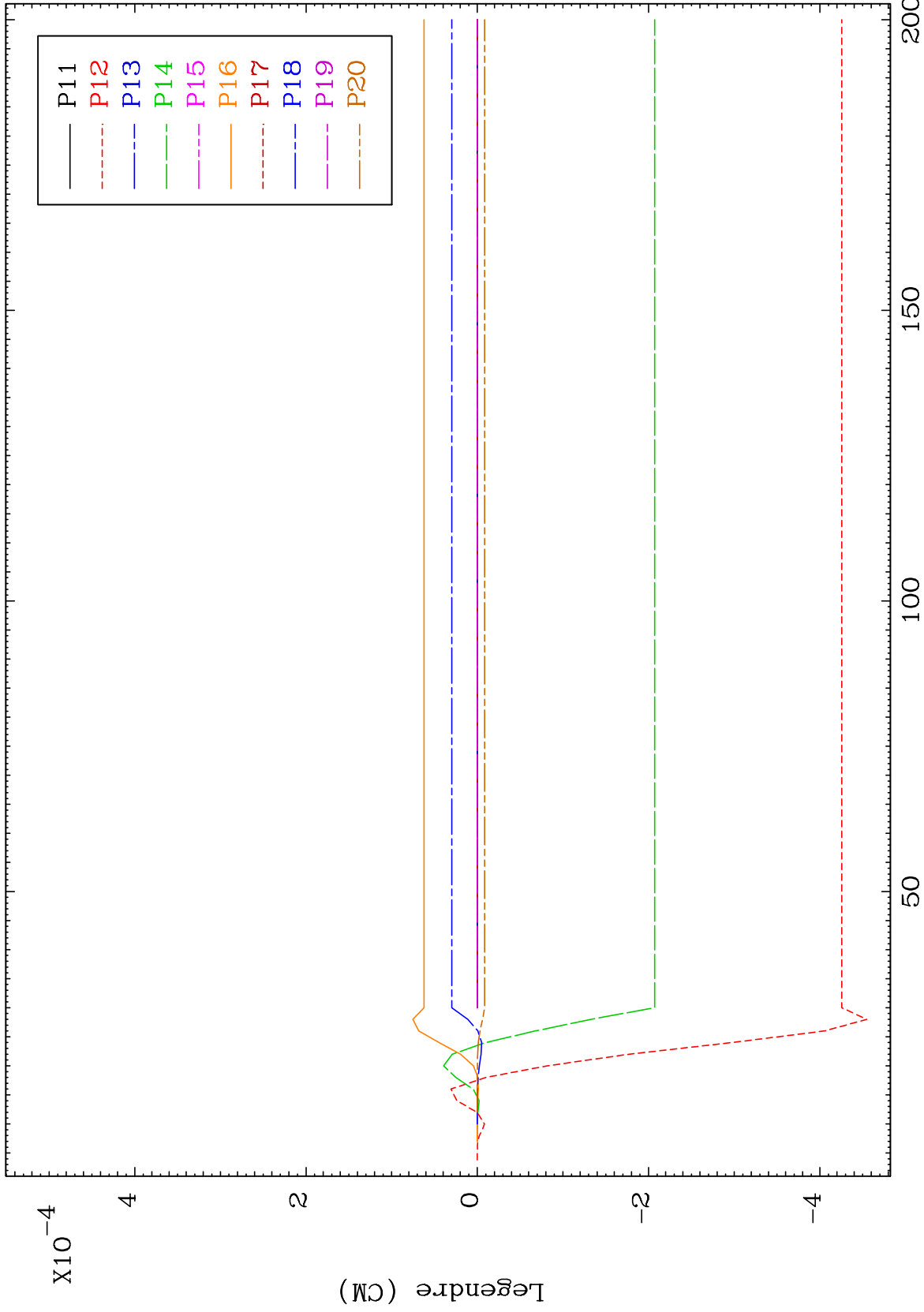
Incident Energy (MeV)

81-T1-197

MAT 8107

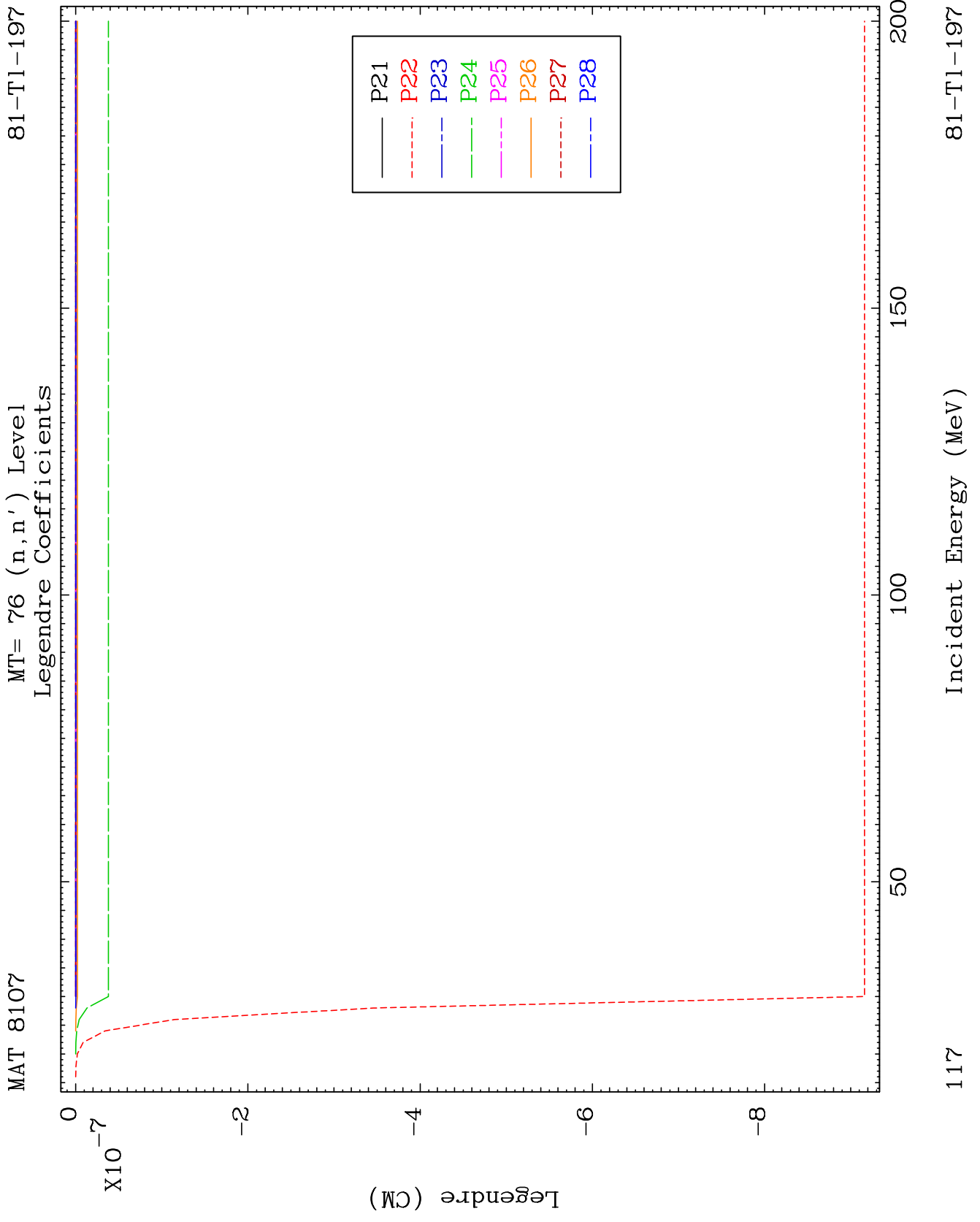
MT= 76 (n,n') Level
Legendre Coefficients

81-T1-197



116

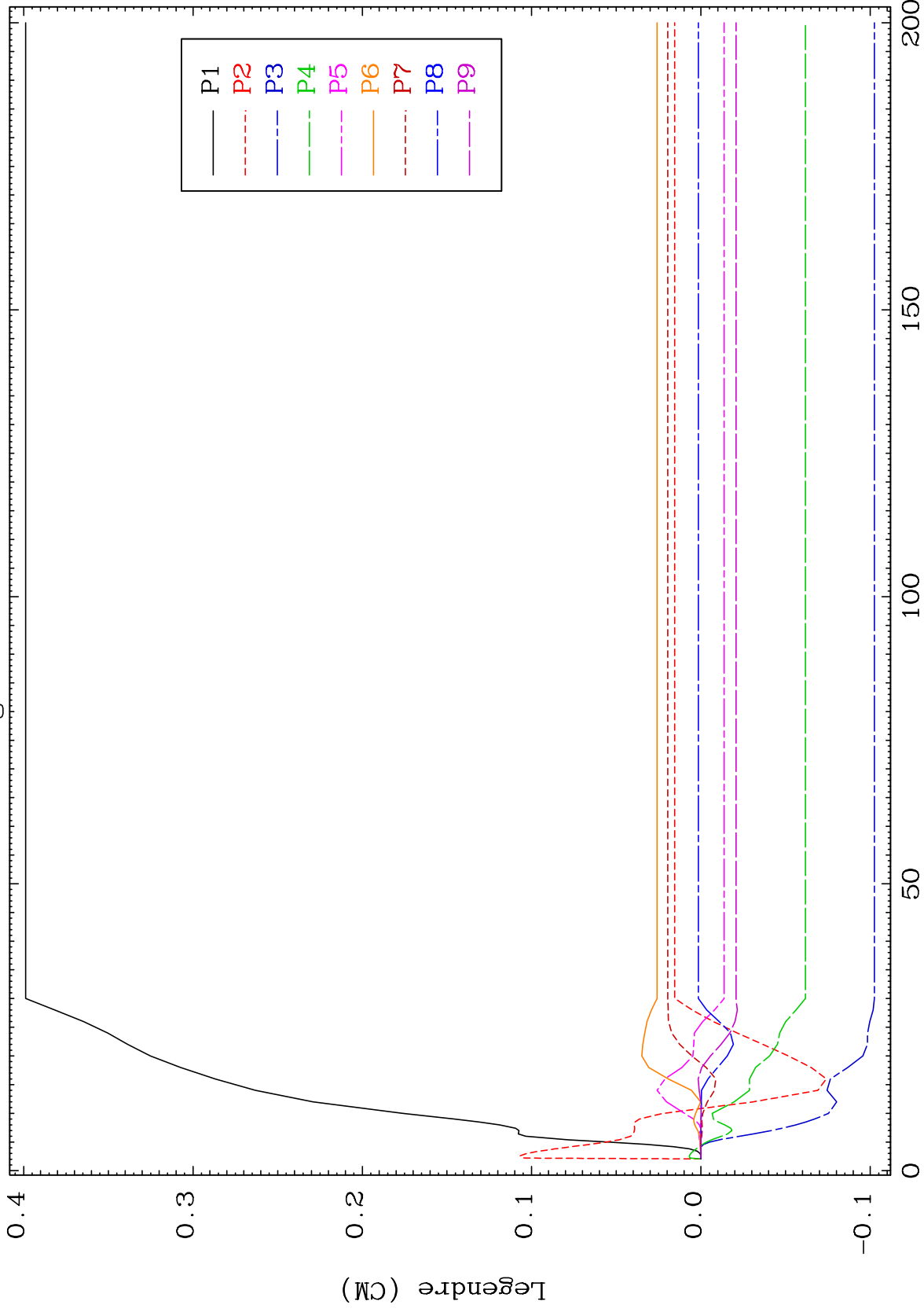
81-T1-197



MAT 8107

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

81-T1-197



118

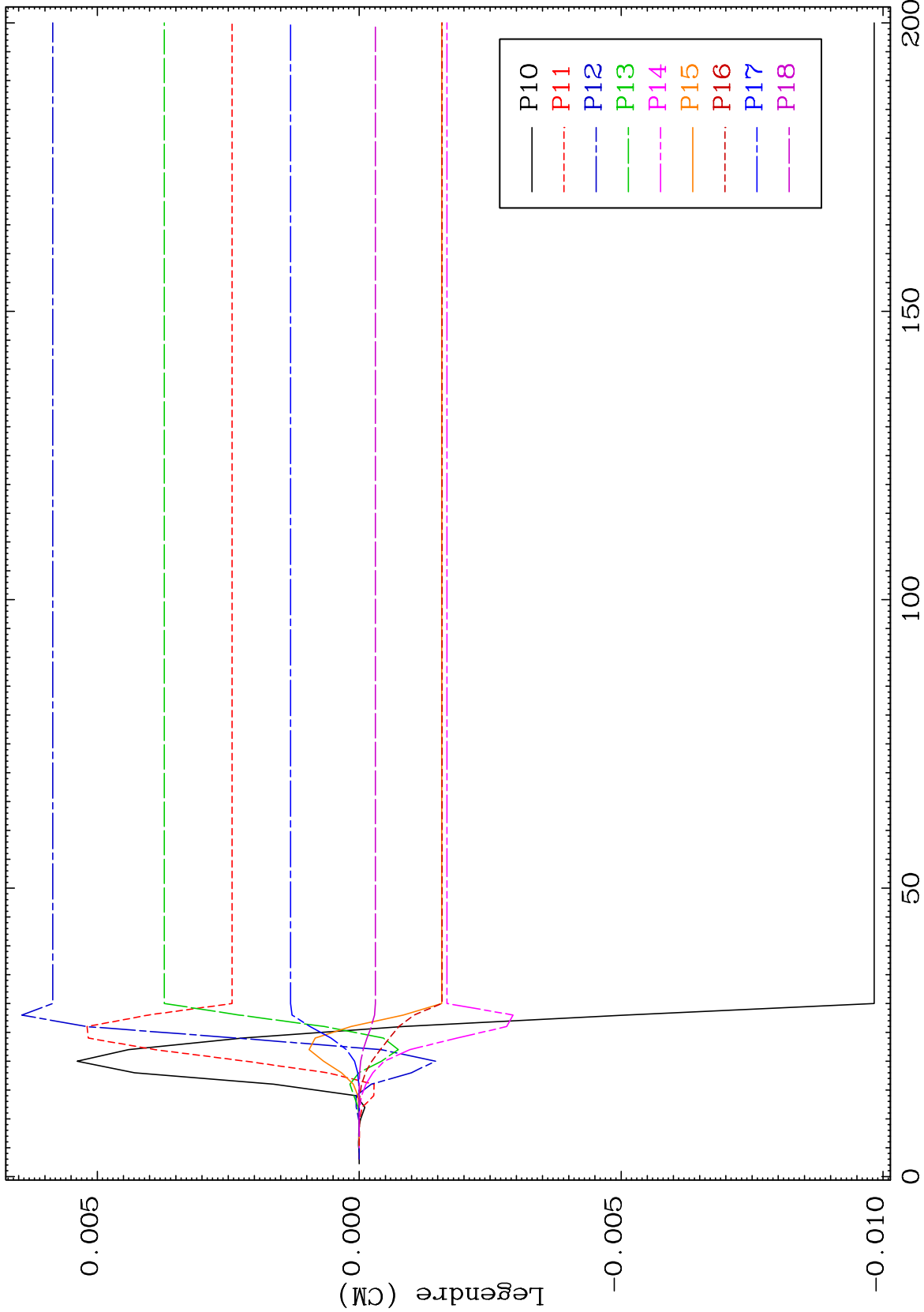
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



119

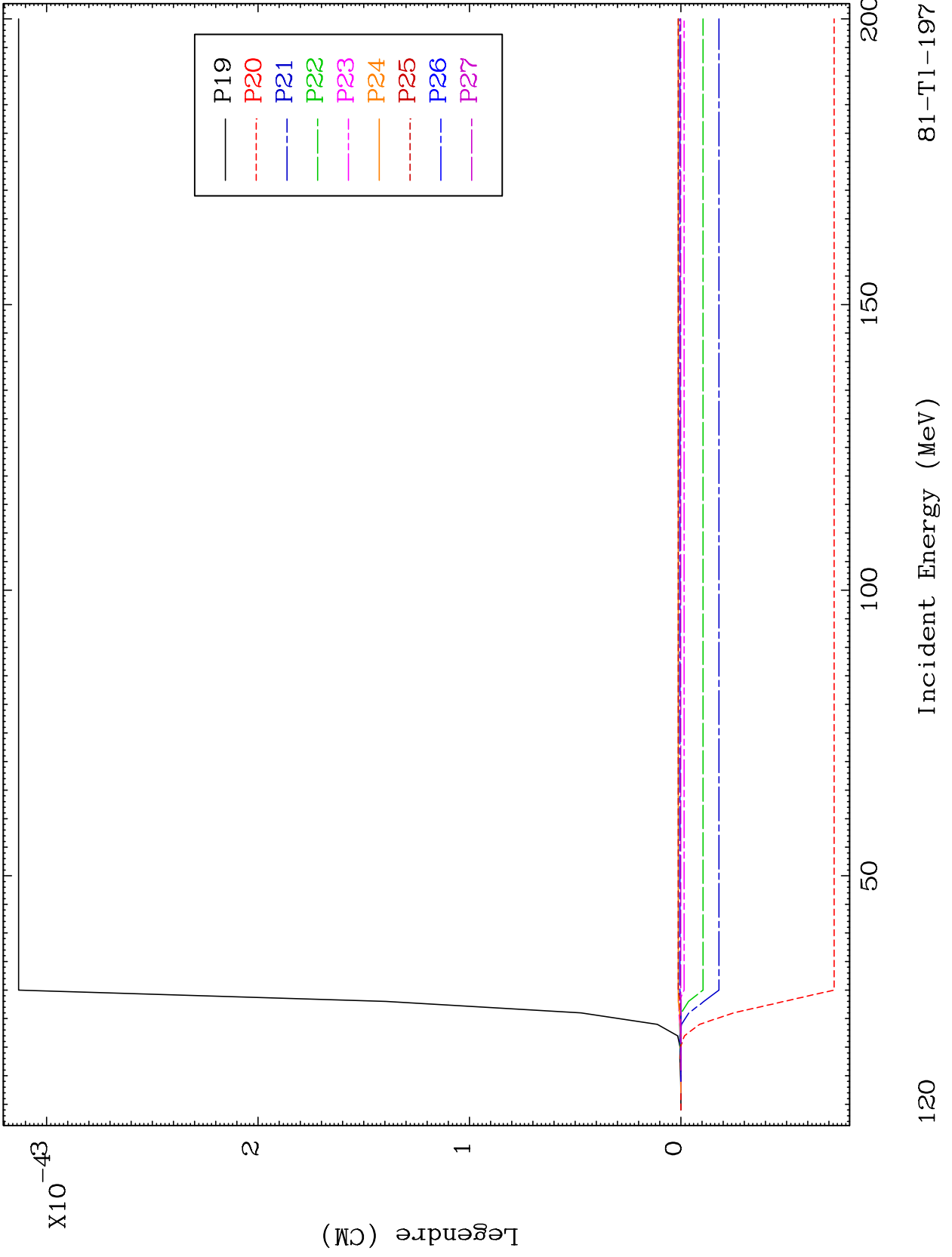
Incident Energy (MeV)

81-T1-197

MAT 8107

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

81-T1-197



120

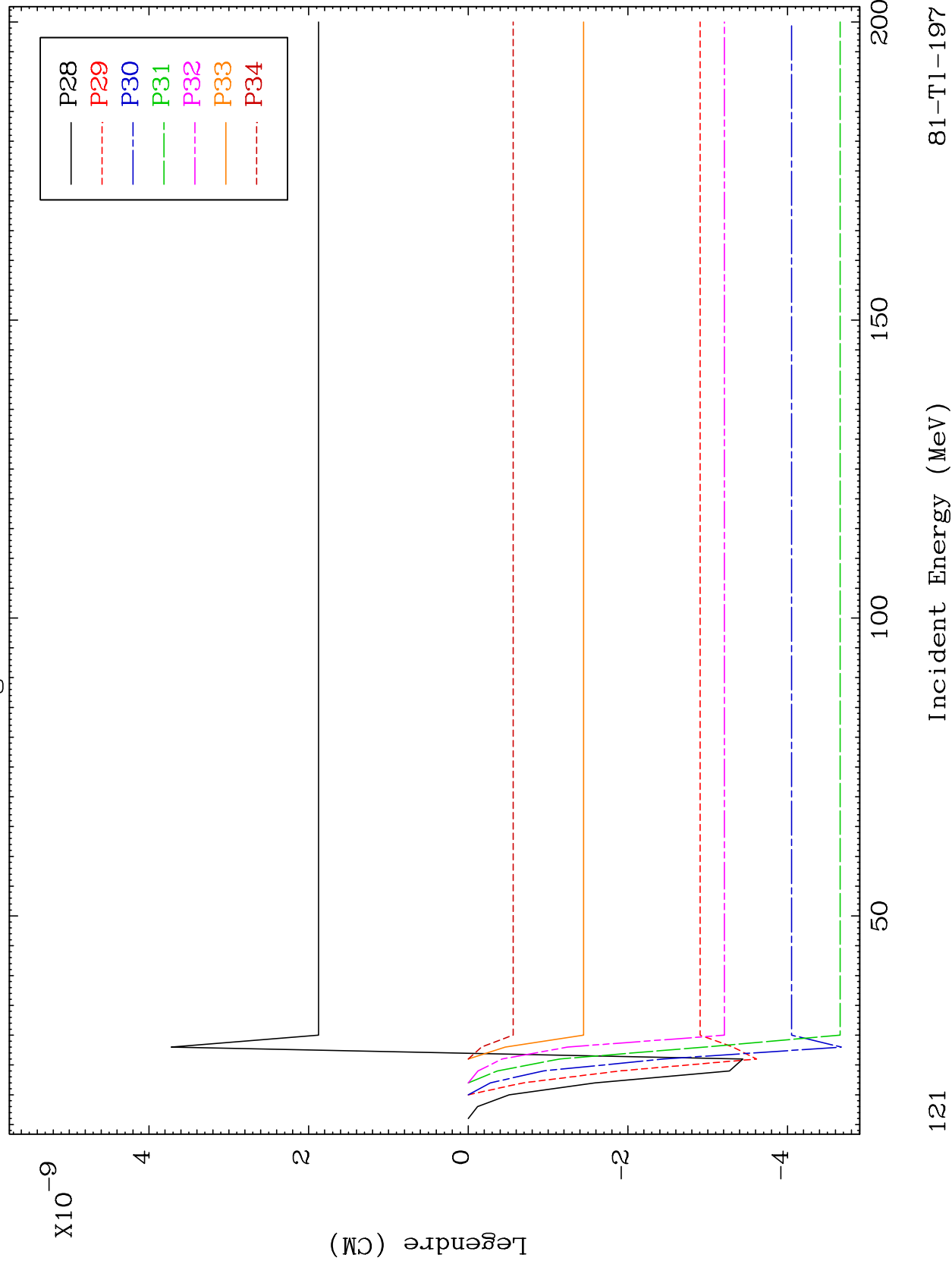
Incident Energy (MeV)

81-T1-197

MAT 8107

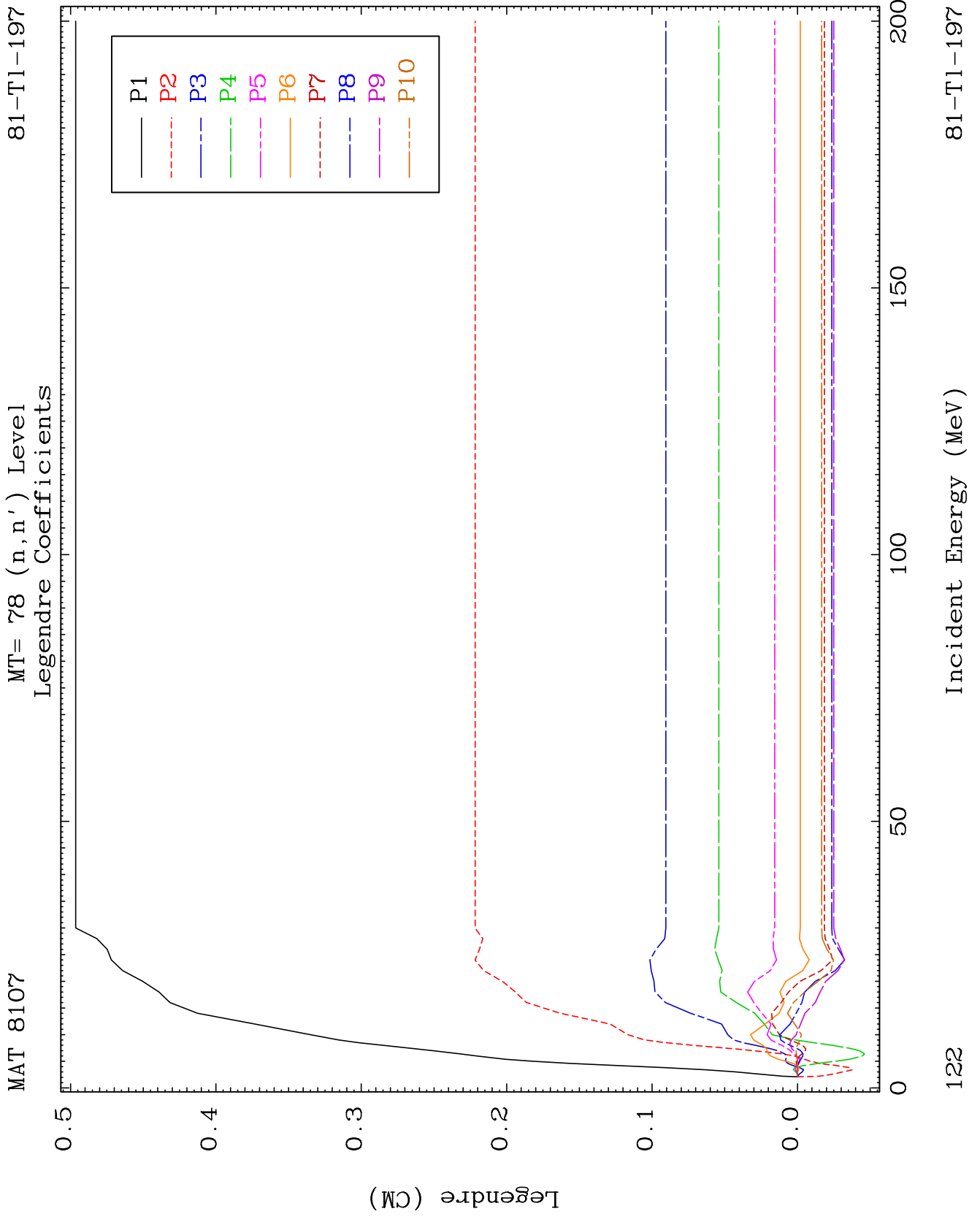
MT= 77 (n,n') Level
Legendre Coefficients

81-T1-197



121

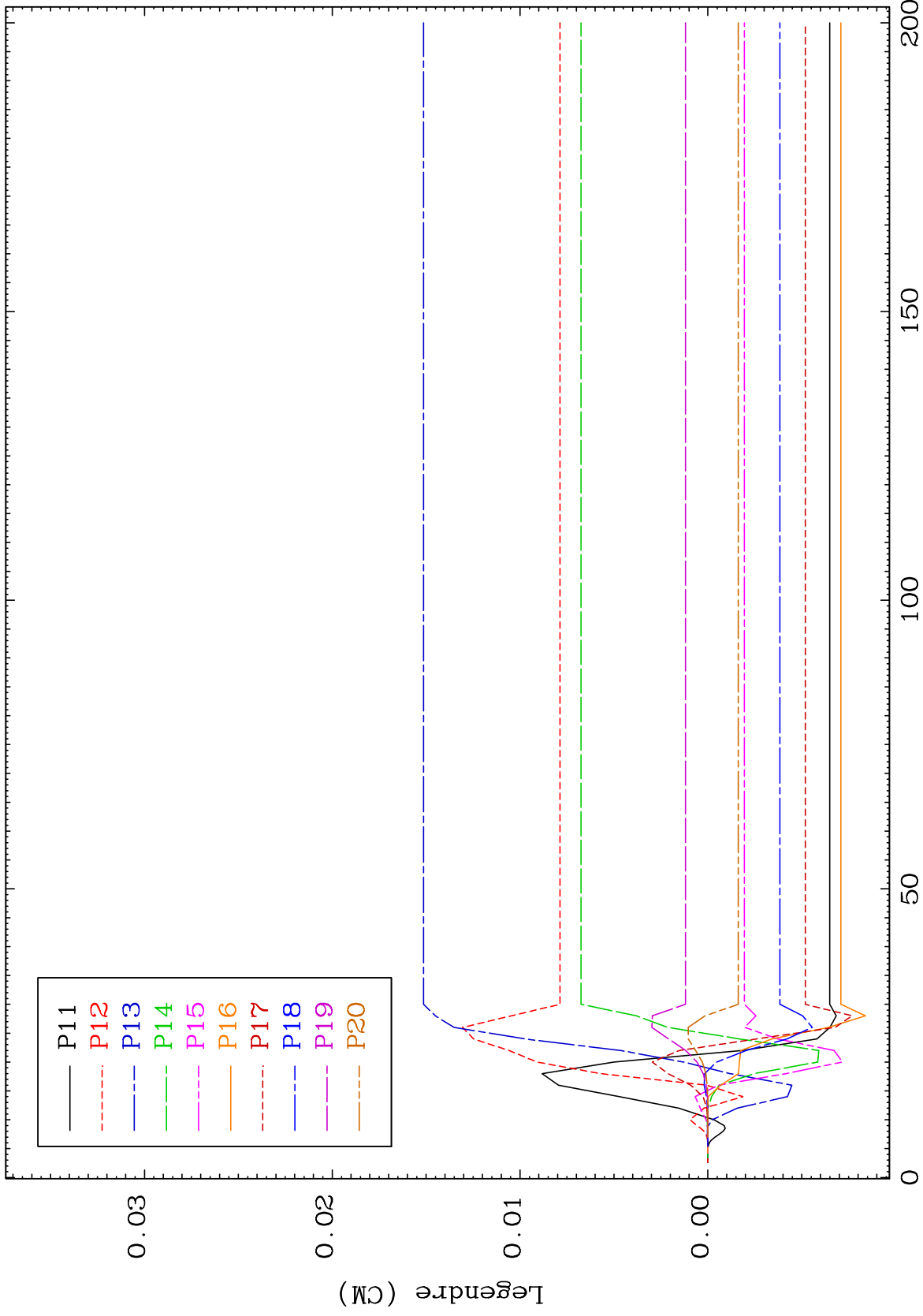
81-T1-197



MAT 8107

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

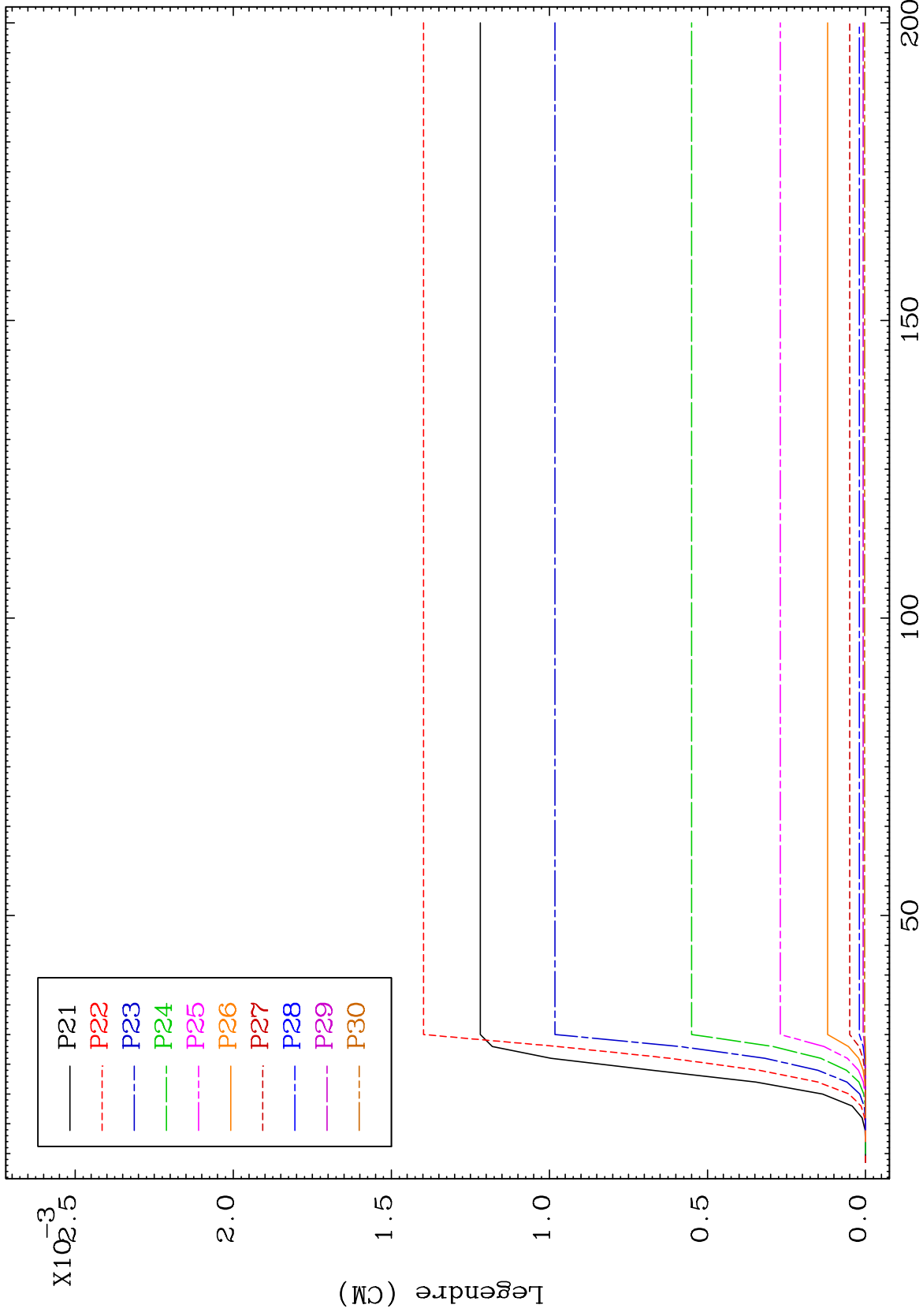
81-Tl-197



123

Incident Energy (MeV)

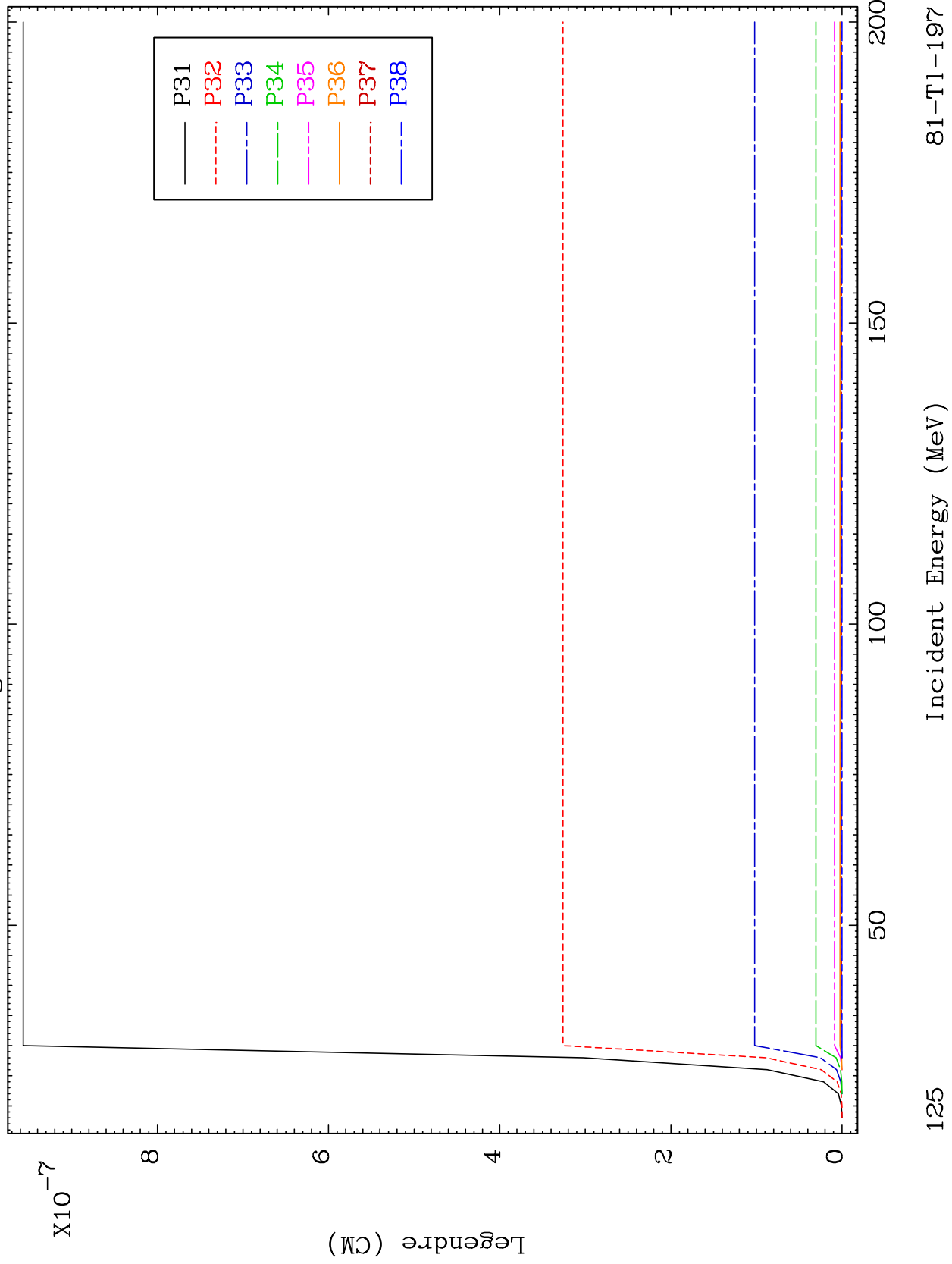
81-Tl-197



MAT 8107

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

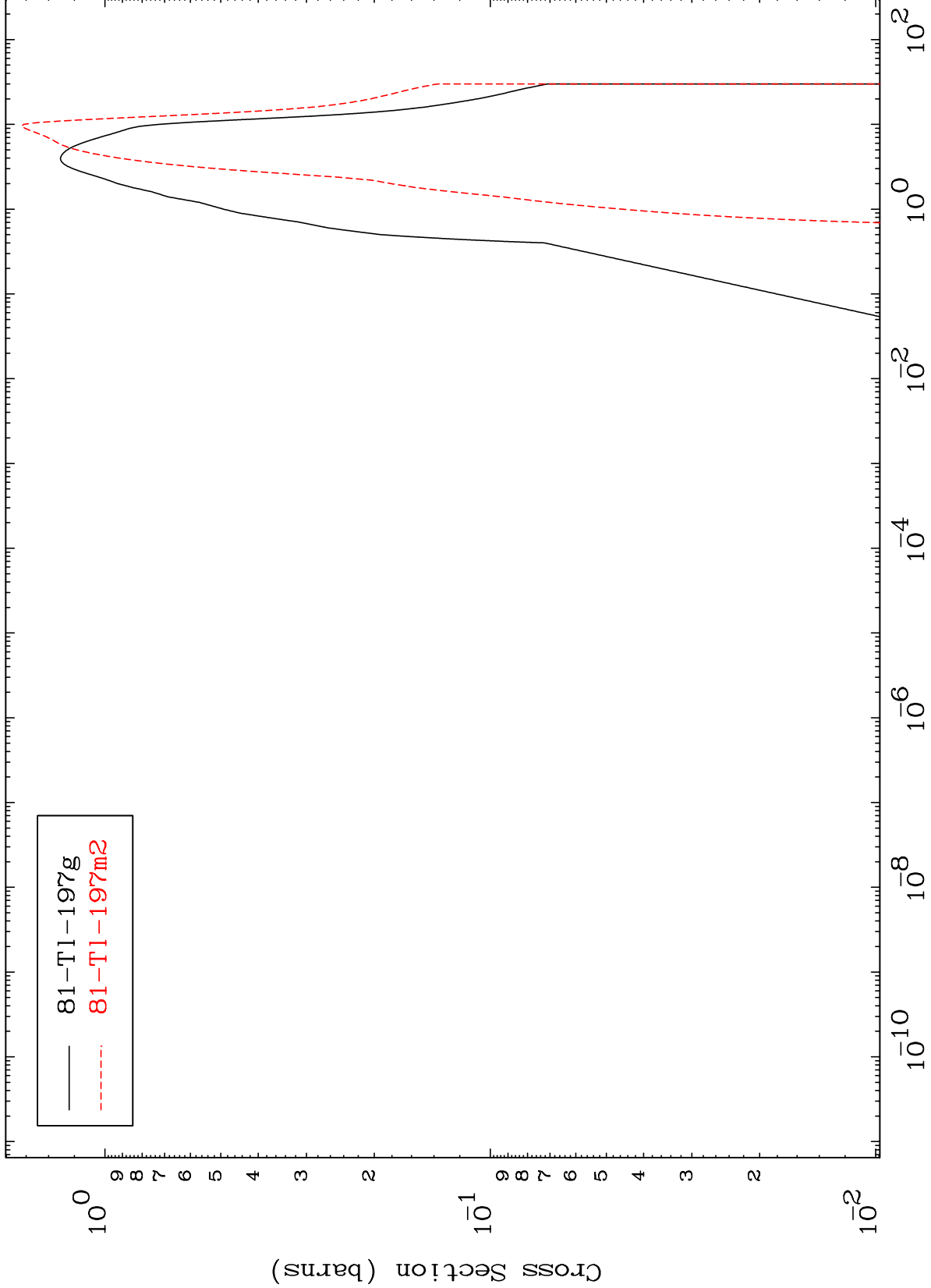
81-T1-197



MAT 8107

Inelastic
Radionuclide Production Cross Section

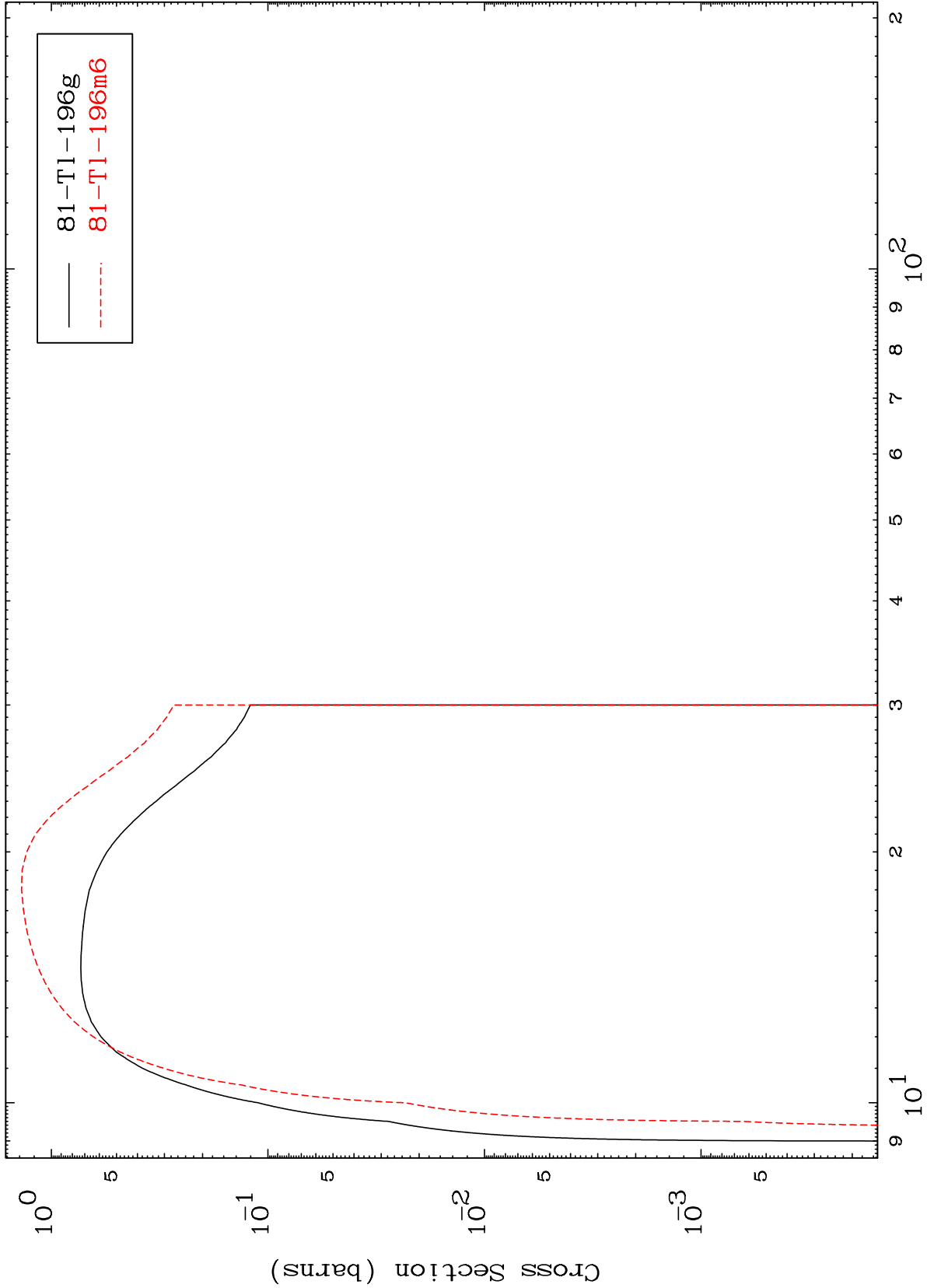
81-Tl-197



MAT 8107

81-Tl-197

(n,2n)
Radionuclide Production Cross Section

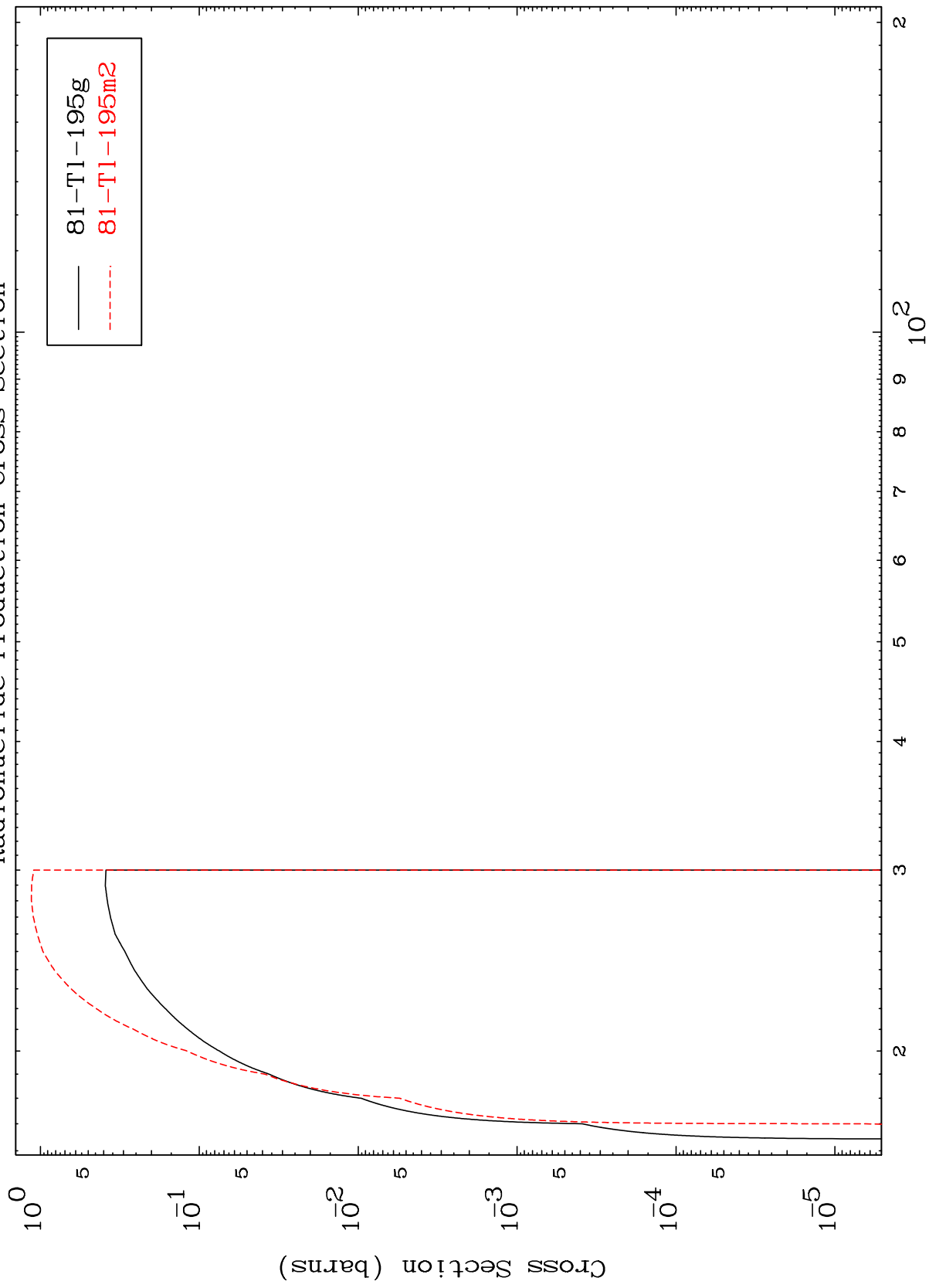


81-Tl-197

Incident Energy (MeV)

127

(n,3n)
Radionuclide Production Cross Section

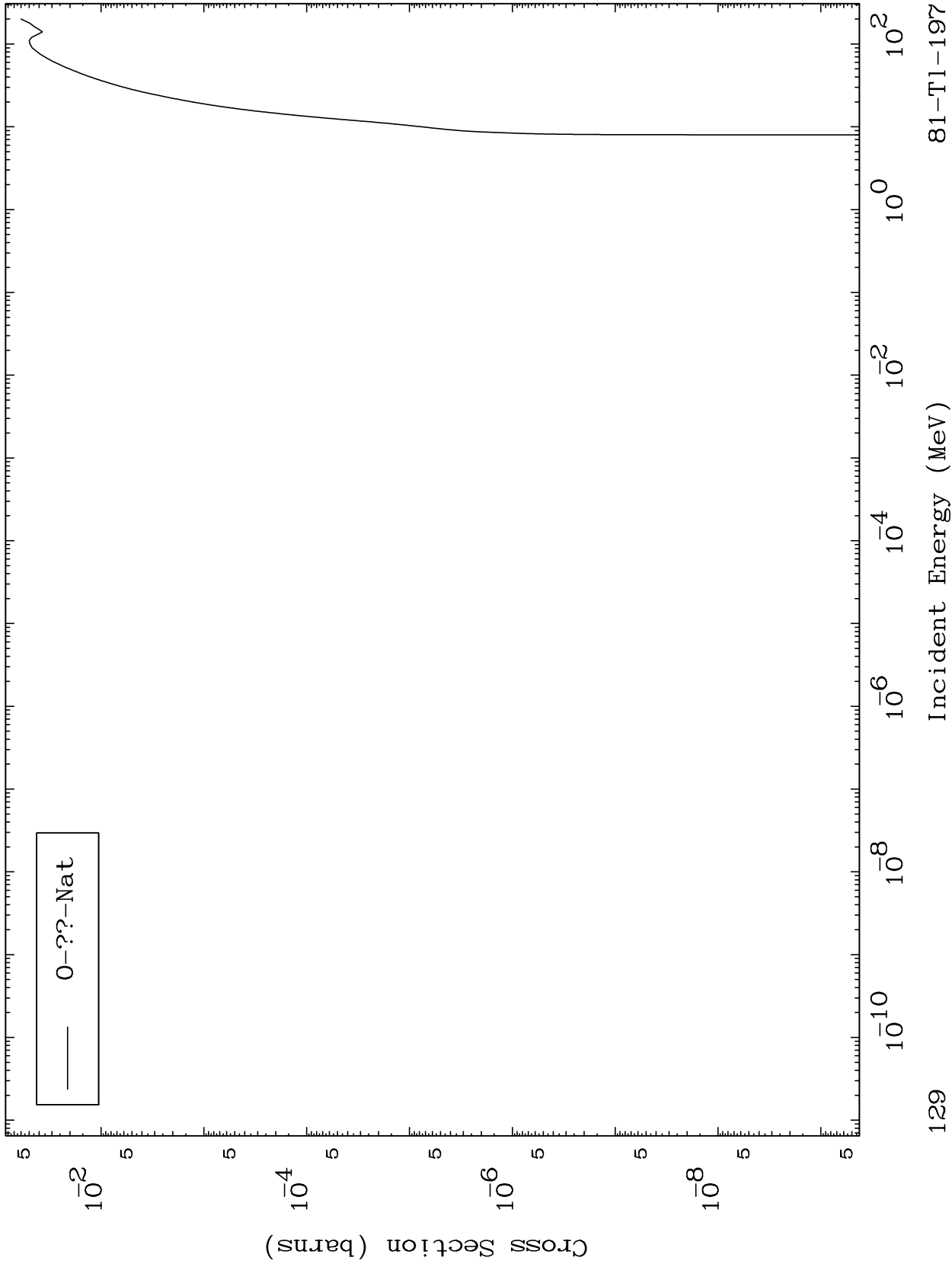


MAT 8107

Fission

81-Tl-197

Radionuclide Production Cross Section



129

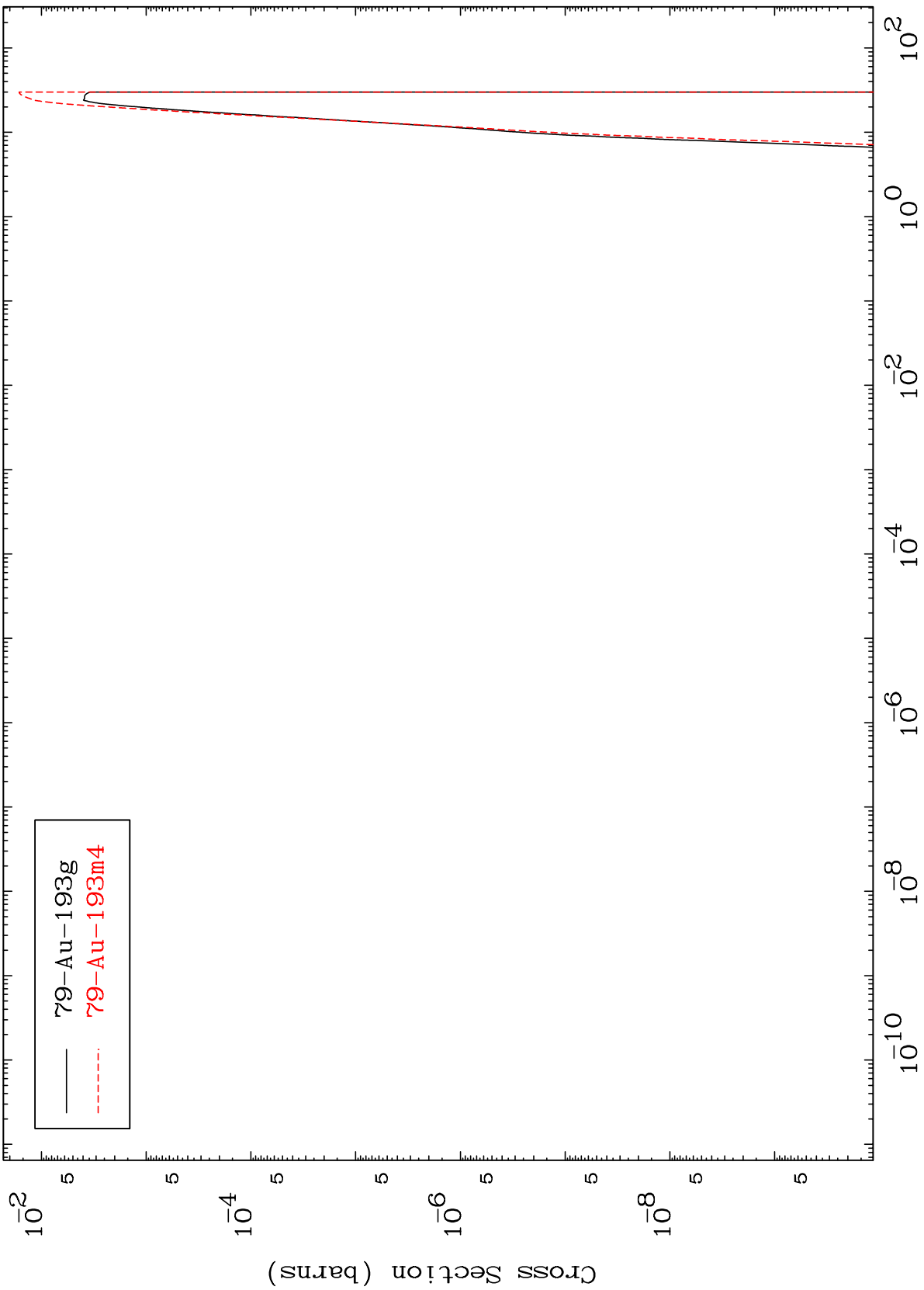
81-Tl-197

MAT 8107

(n,n') α

81-Tl-197

Radionuclide Production Cross Section



— ^{193}gAu
- - - $^{193}\text{m4Au}$

130

Incident Energy (MeV)

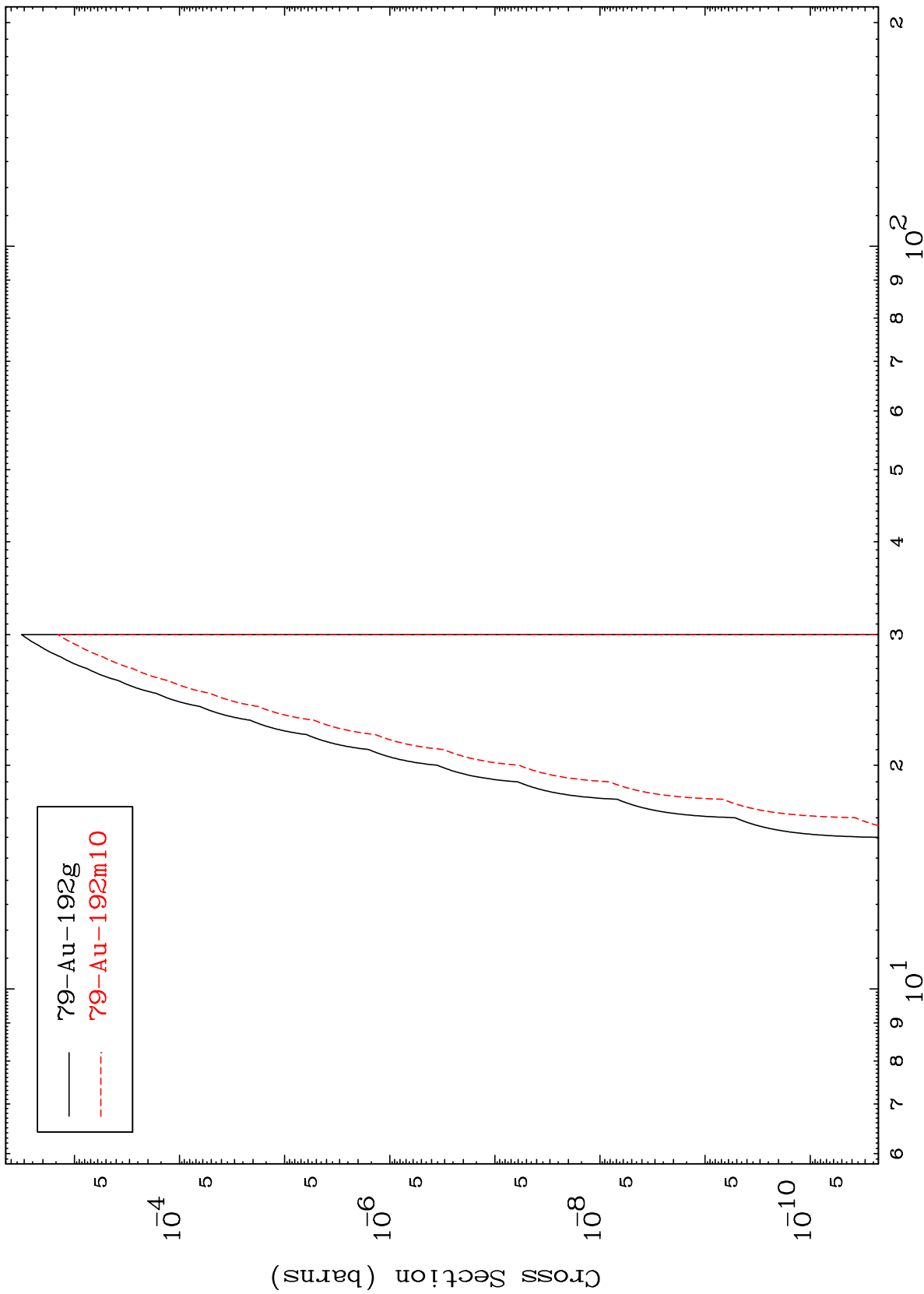
81-Tl-197

MAT 8107

81-Tl-197

(n,2n) α

Radionuclide Production Cross Section



131

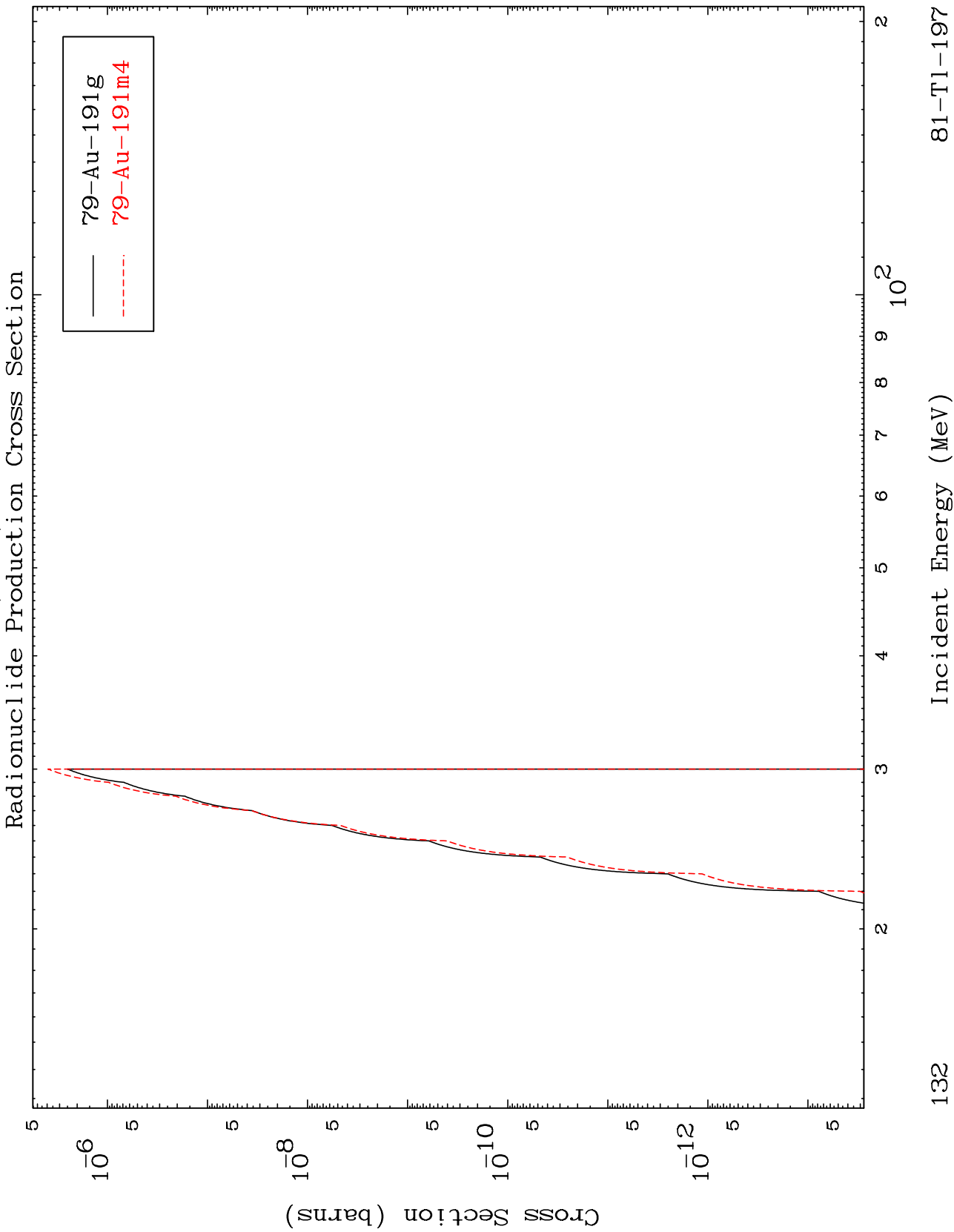
Incident Energy (MeV)

81-Tl-197

MAT 8107

(n,3n) α

81-Tl-197

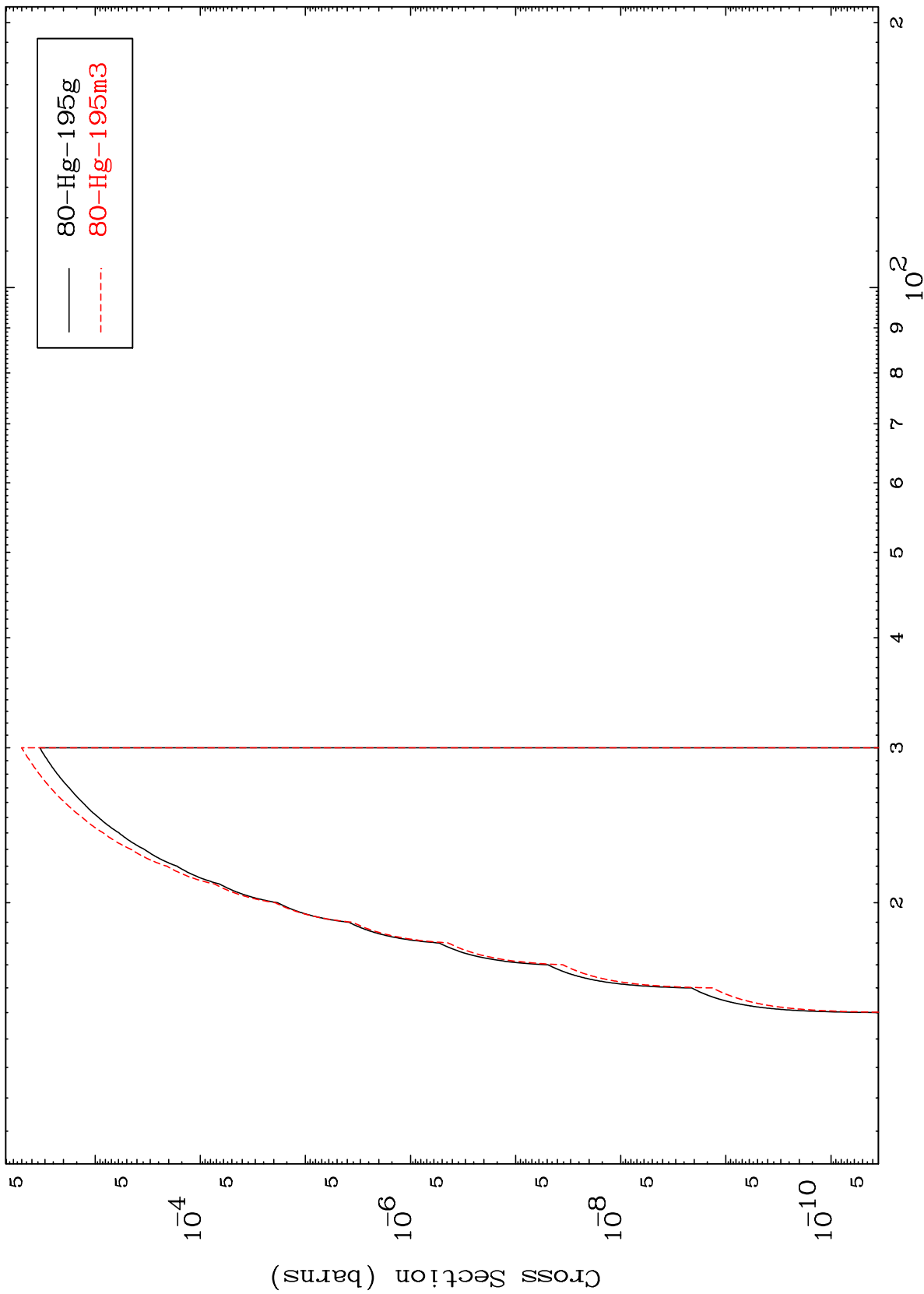


132

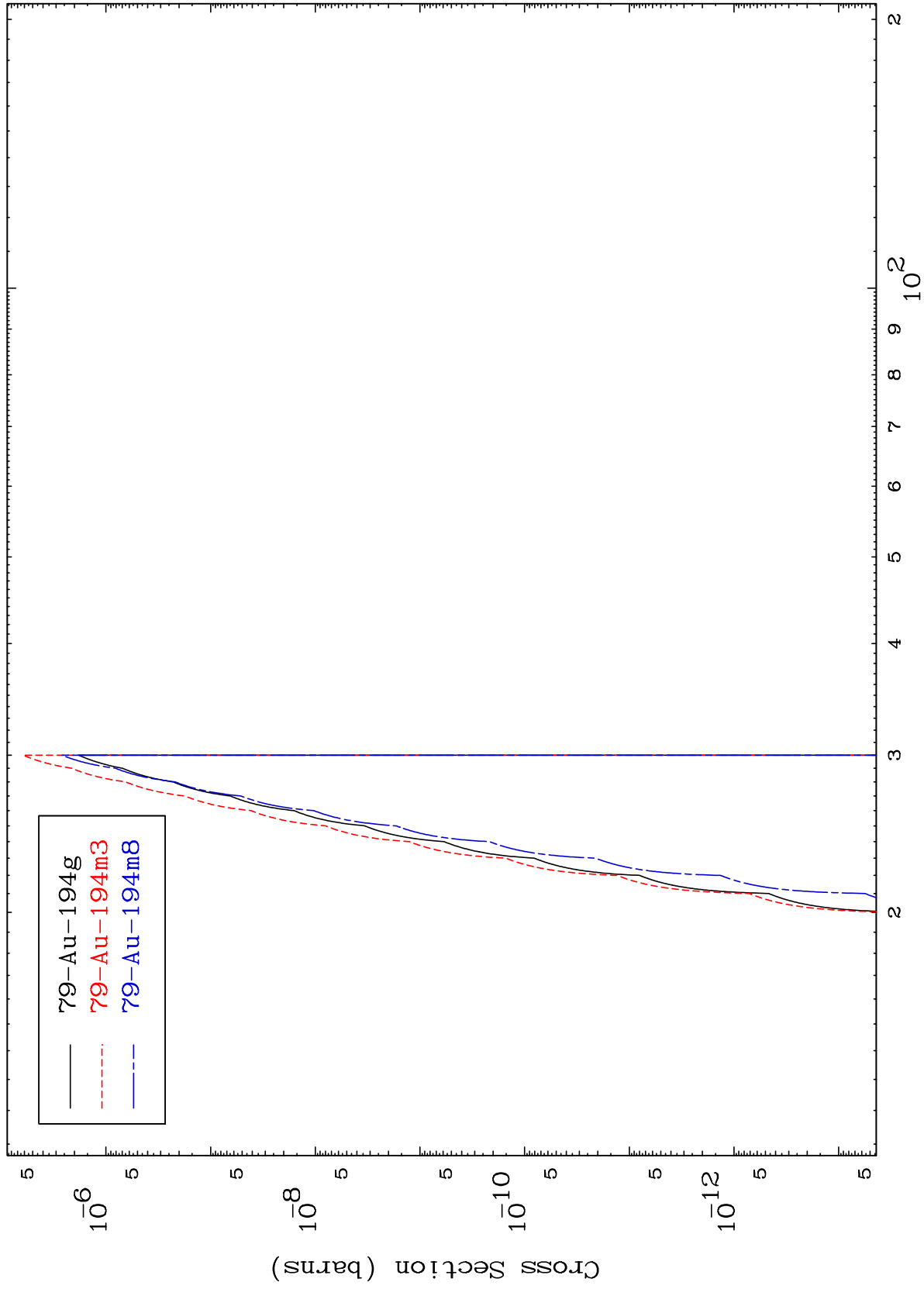
Incident Energy (MeV)

81-Tl-197

Radionuclide Production Cross Section



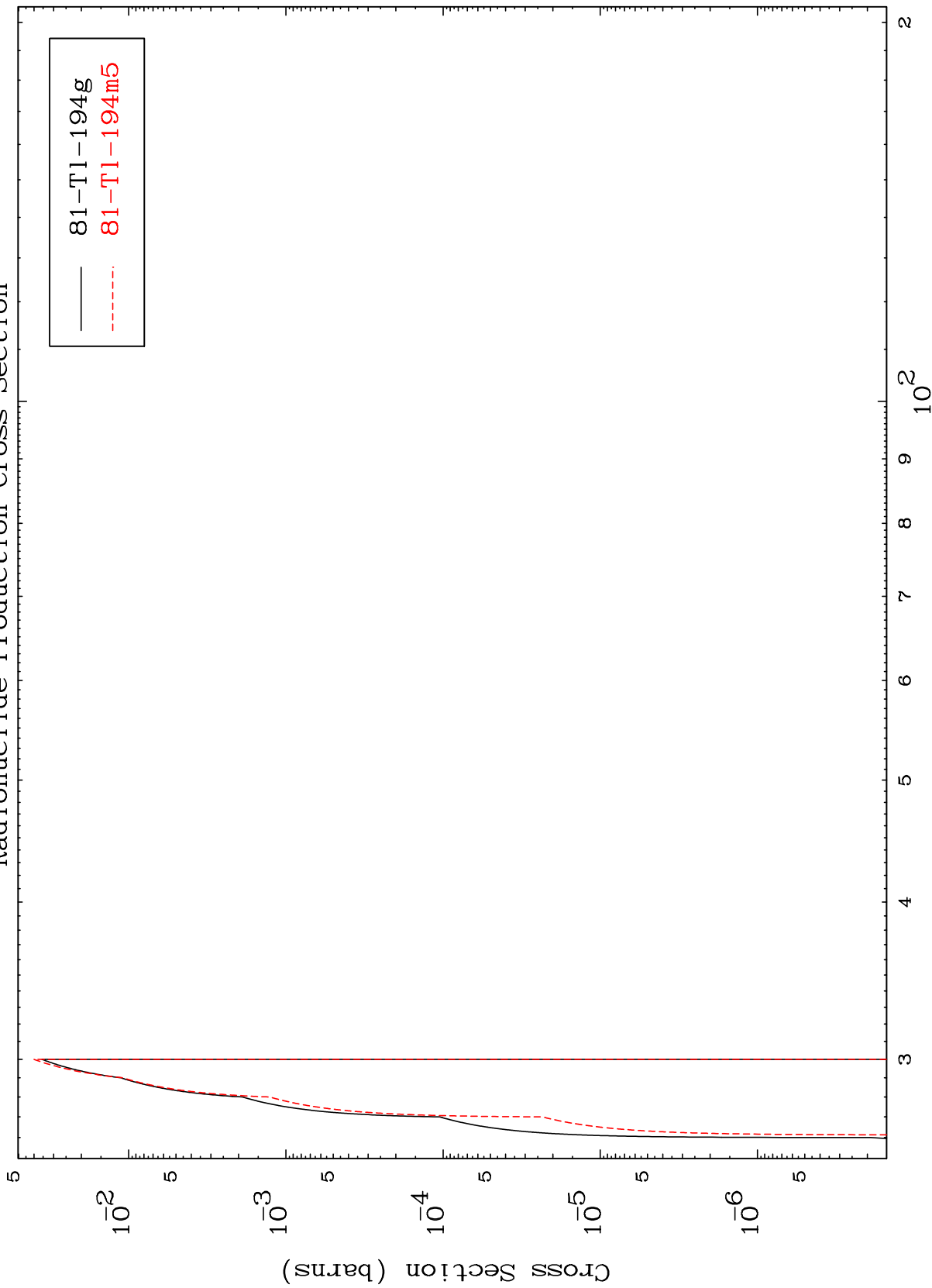
Radionuclide Production Cross Section



MAT 8107

81-Tl-197

(n,4n)
Radionuclide Production Cross Section



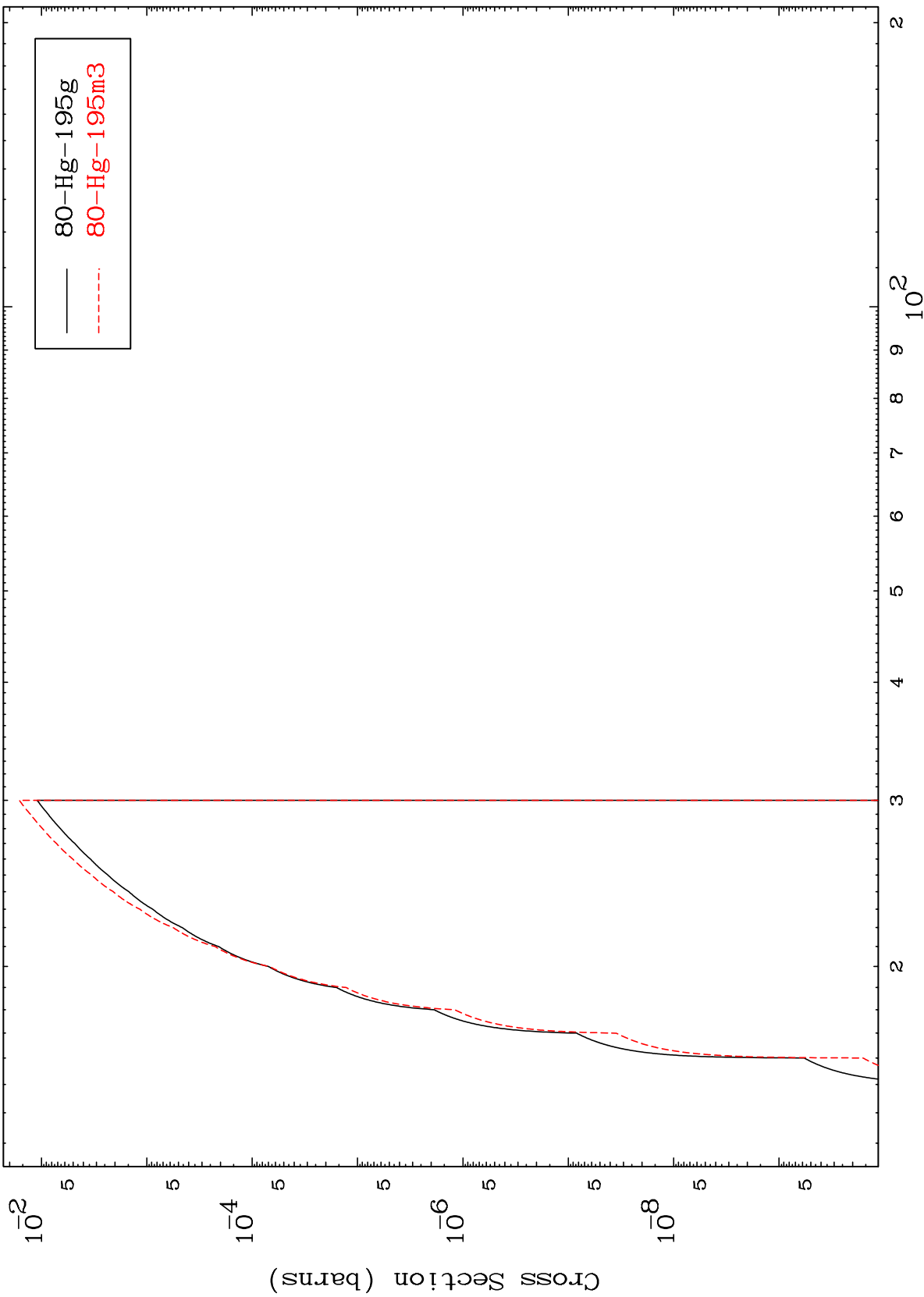
81-Tl-194g
81-Tl-194m5

135

Incident Energy (MeV)

81-Tl-197

Radionuclide Production Cross Section

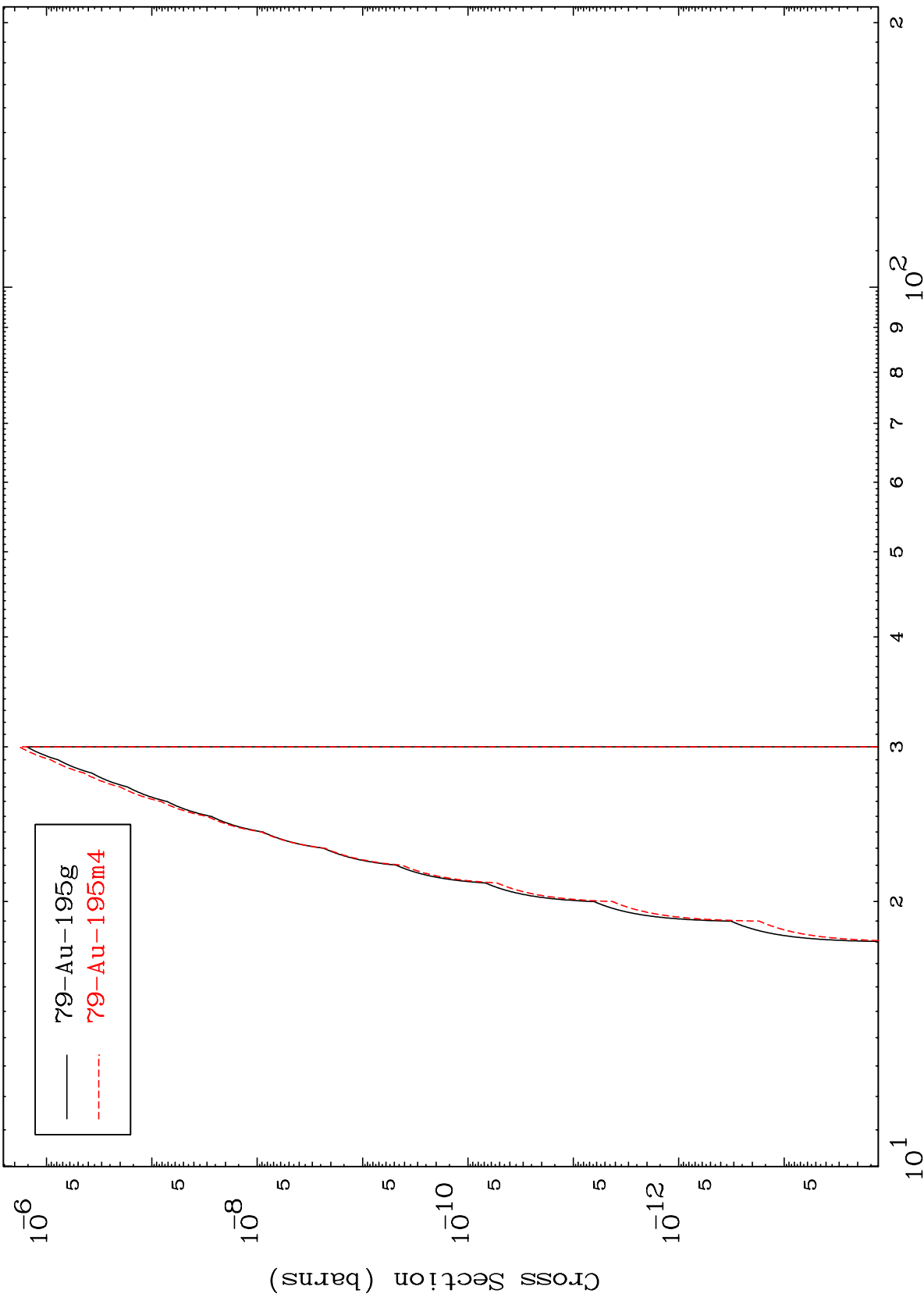


MAT 8107

(n,2n) p

81-Tl-197

Radionuclide Production Cross Section



79-Au-195g
79-Au-195m4

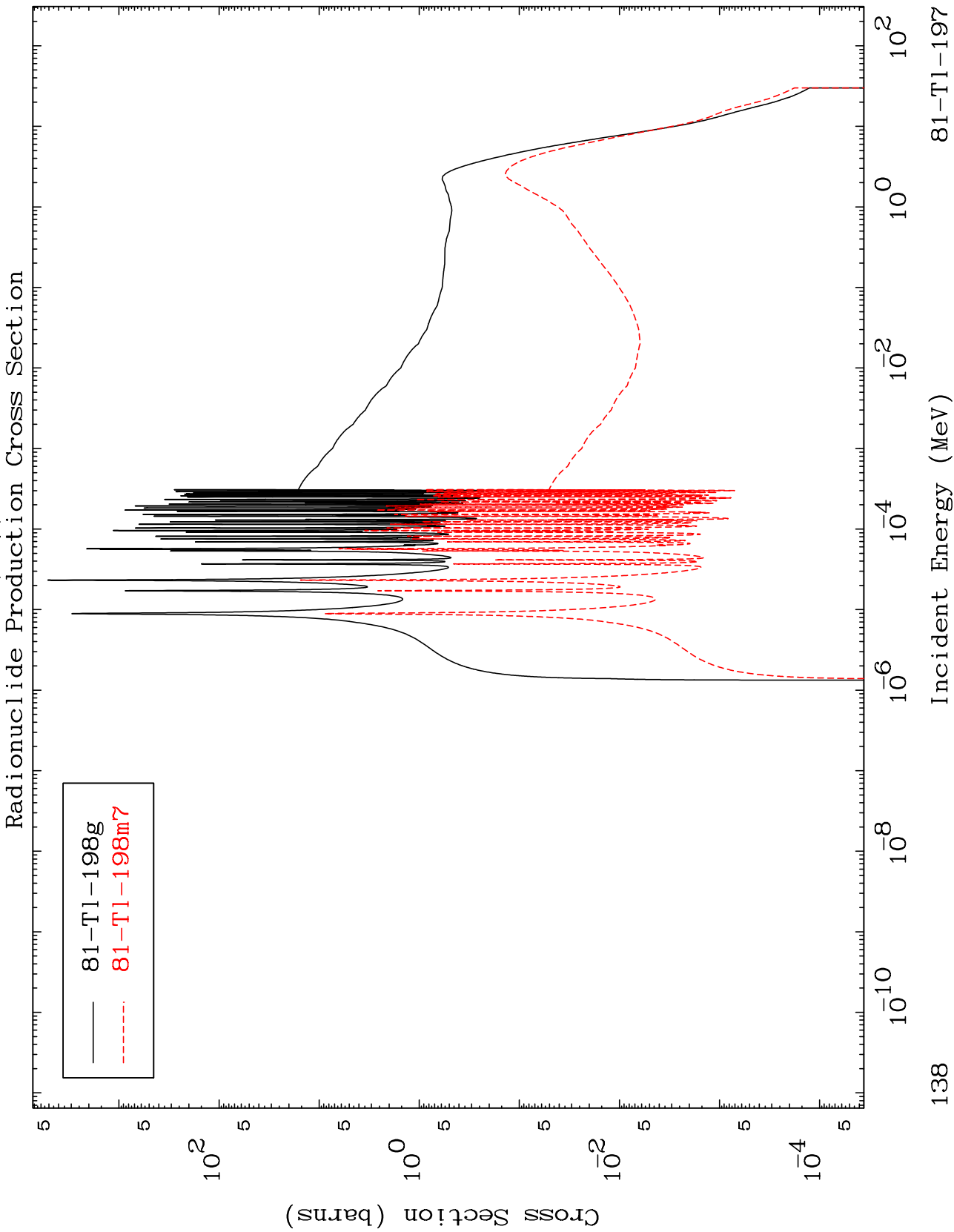
137

Incident Energy (MeV)

81-Tl-197

MAT 8107

81-Tl-197

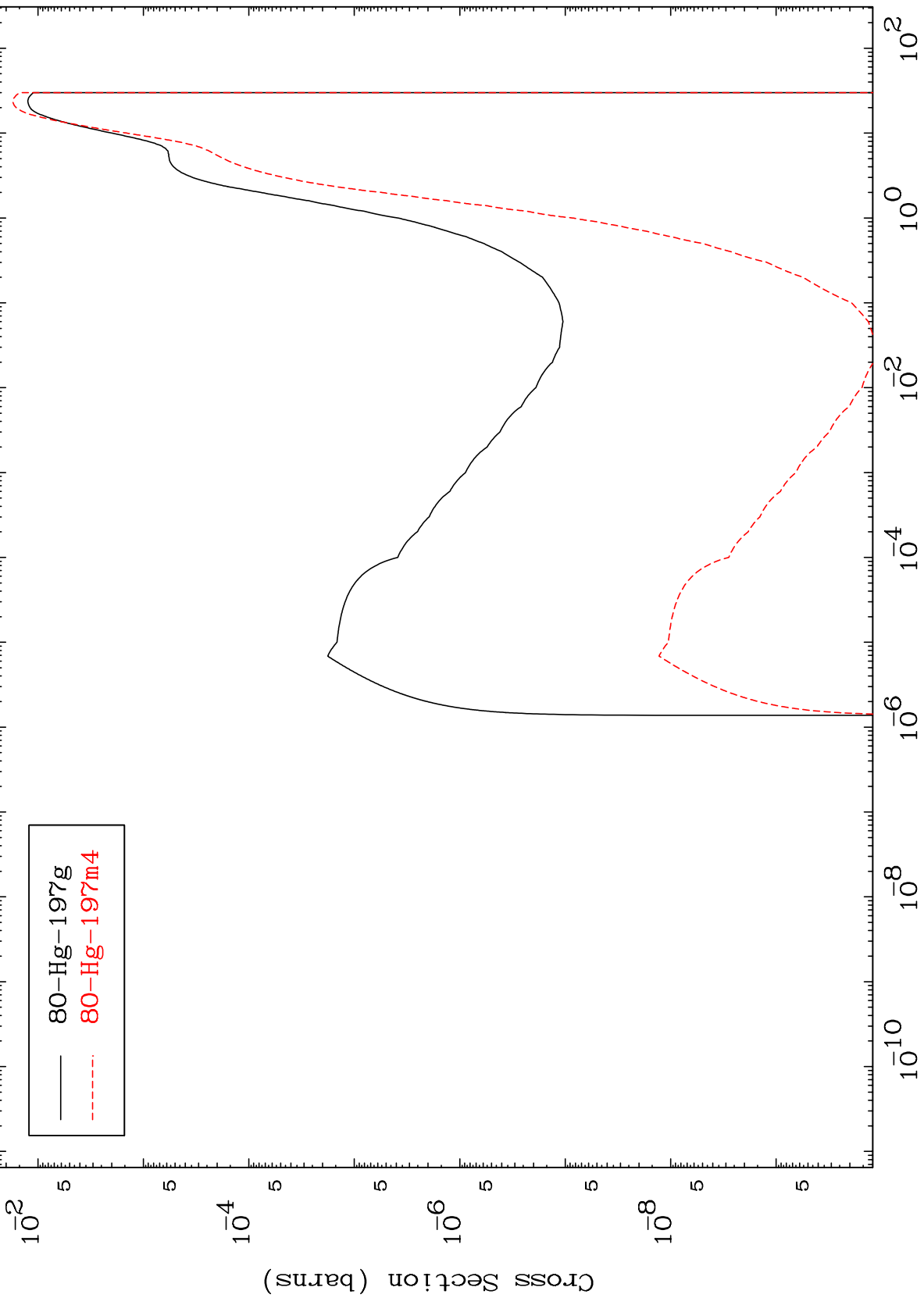


MAT 8107

(n,p)

81-Tl-197

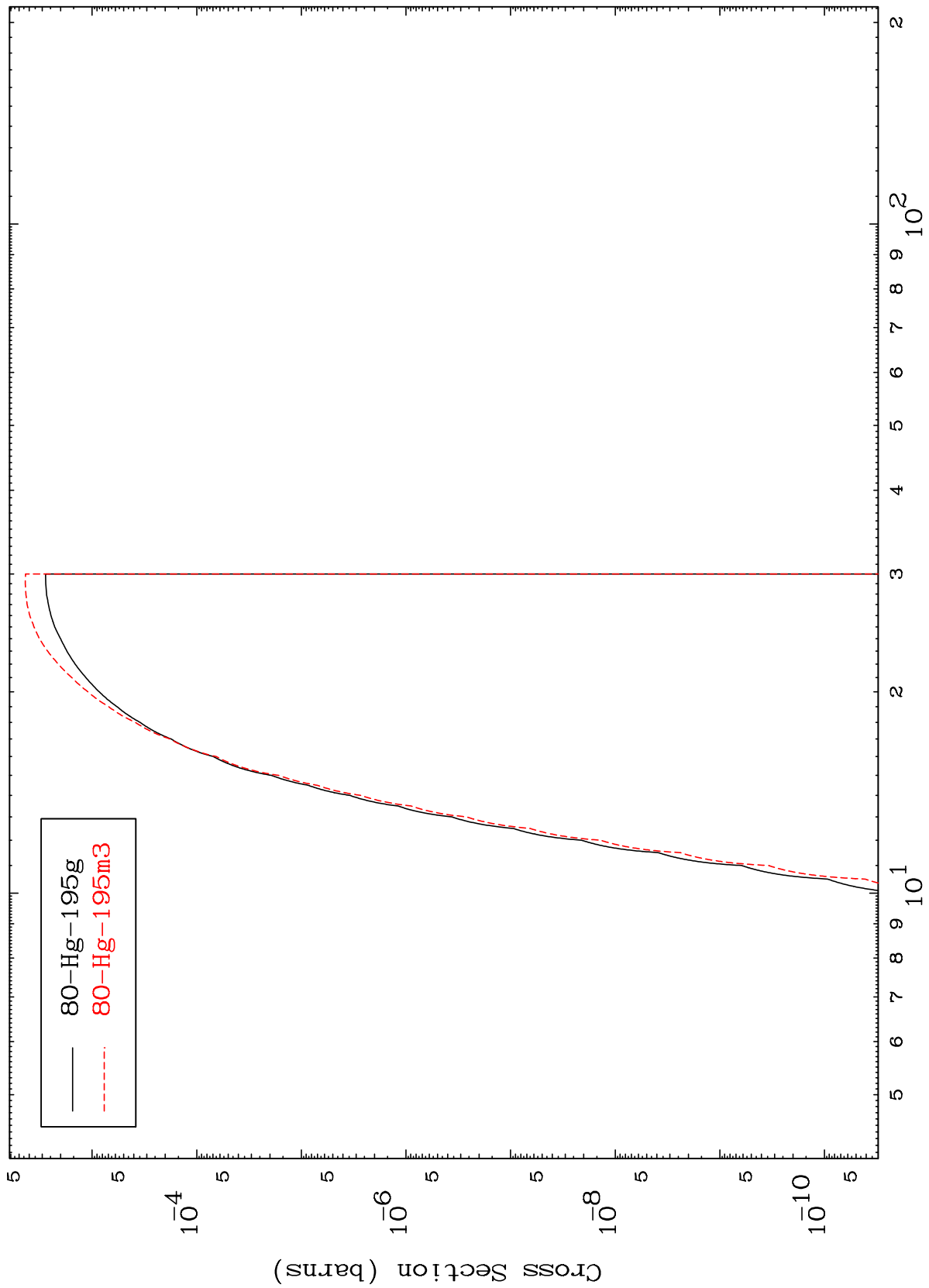
Radionuclide Production Cross Section



MAT 8107

81-T1-197

Radionuclide Production Cross Section
(n, t)



80-Hg-195g
80-Hg-195m3

140

Incident Energy (MeV)

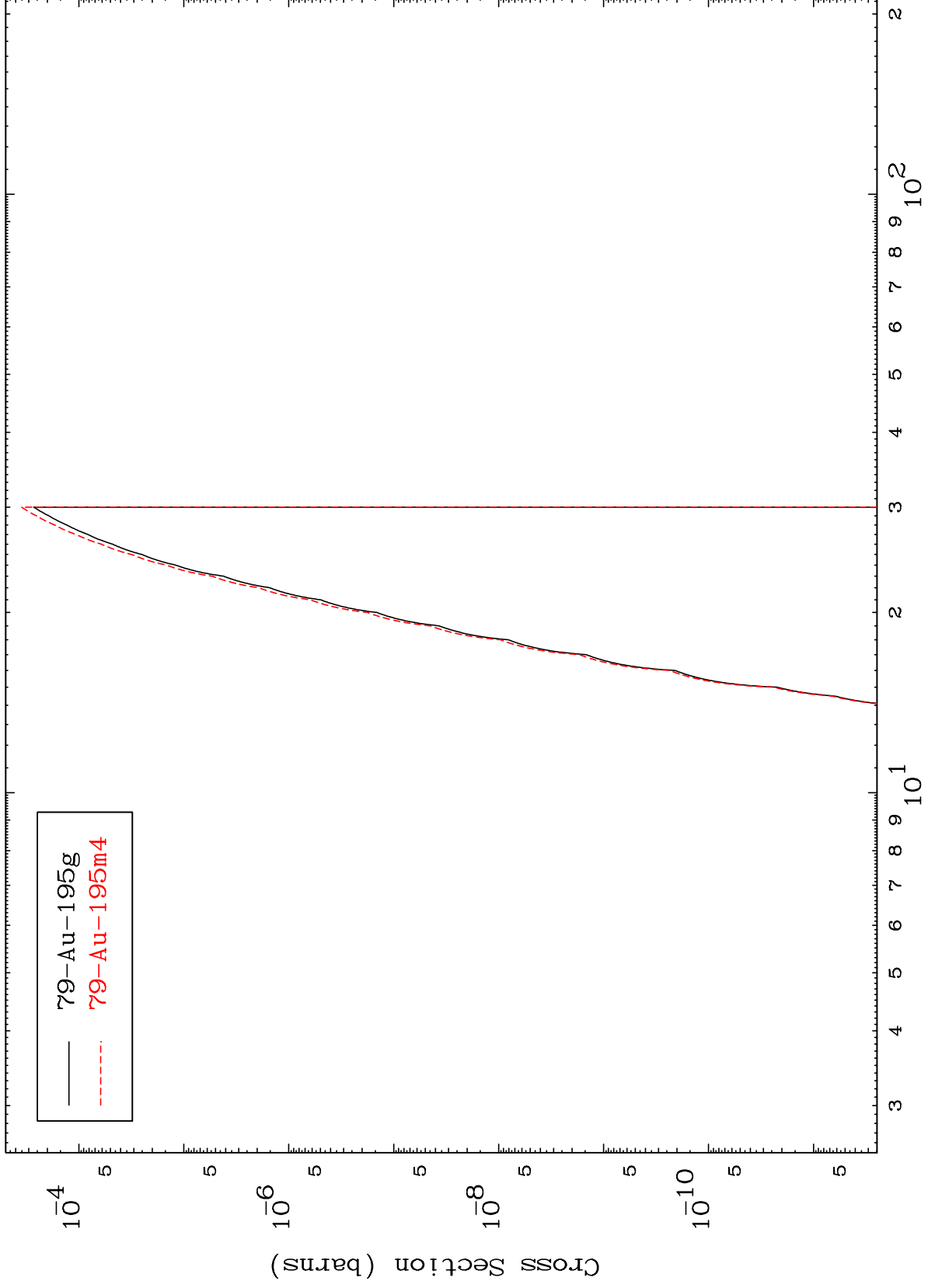
81-T1-197

MAT 8107

(n,He-3)

81-Tl-197

Radionuclide Production Cross Section



— $^{79}\text{Au-195g}$
- - - $^{79}\text{Au-195m4}$

141

Incident Energy (MeV)

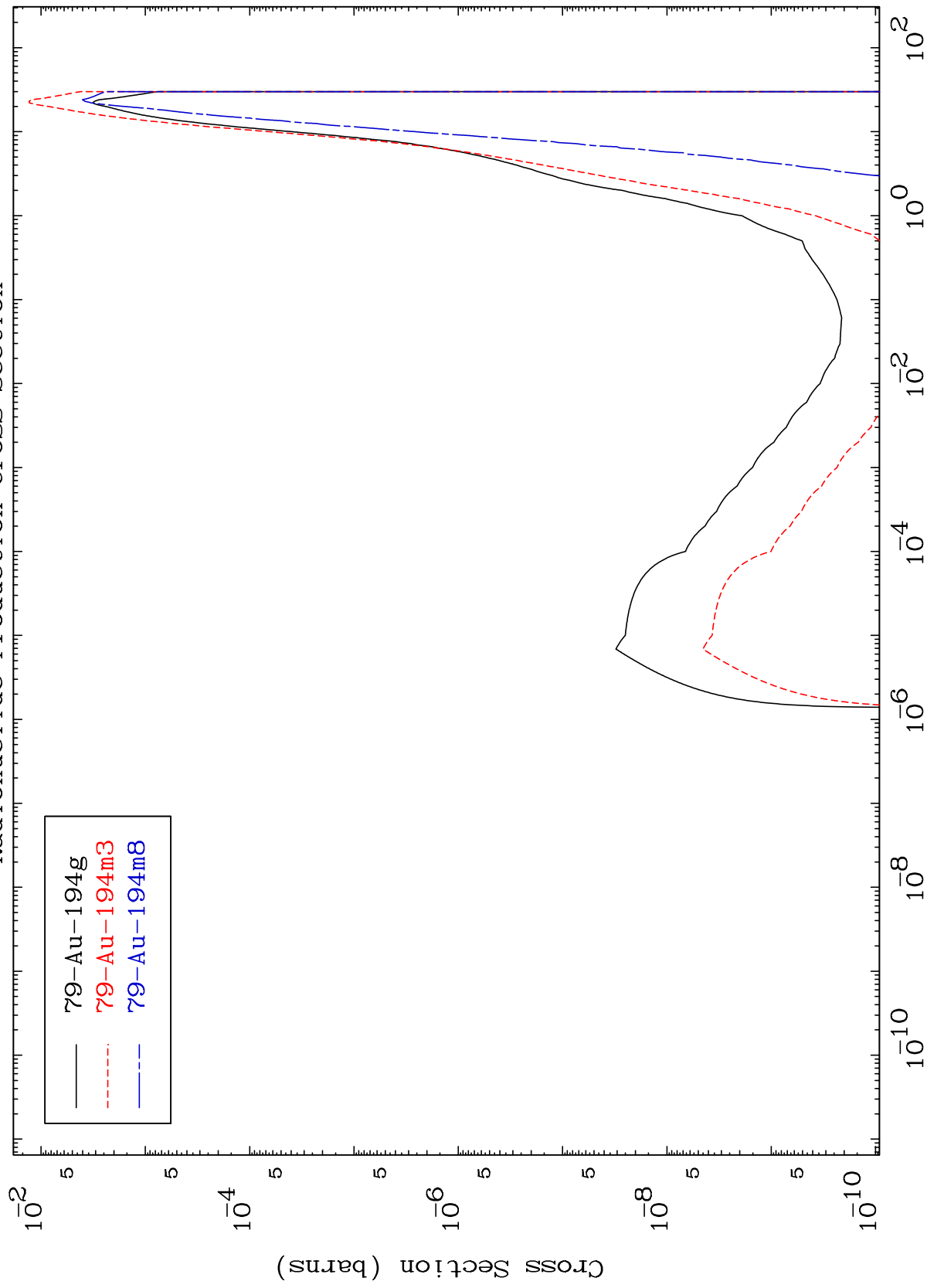
81-Tl-197

MAT 8107

(n, α)

81-Tl-197

Radionuclide Production Cross Section



142

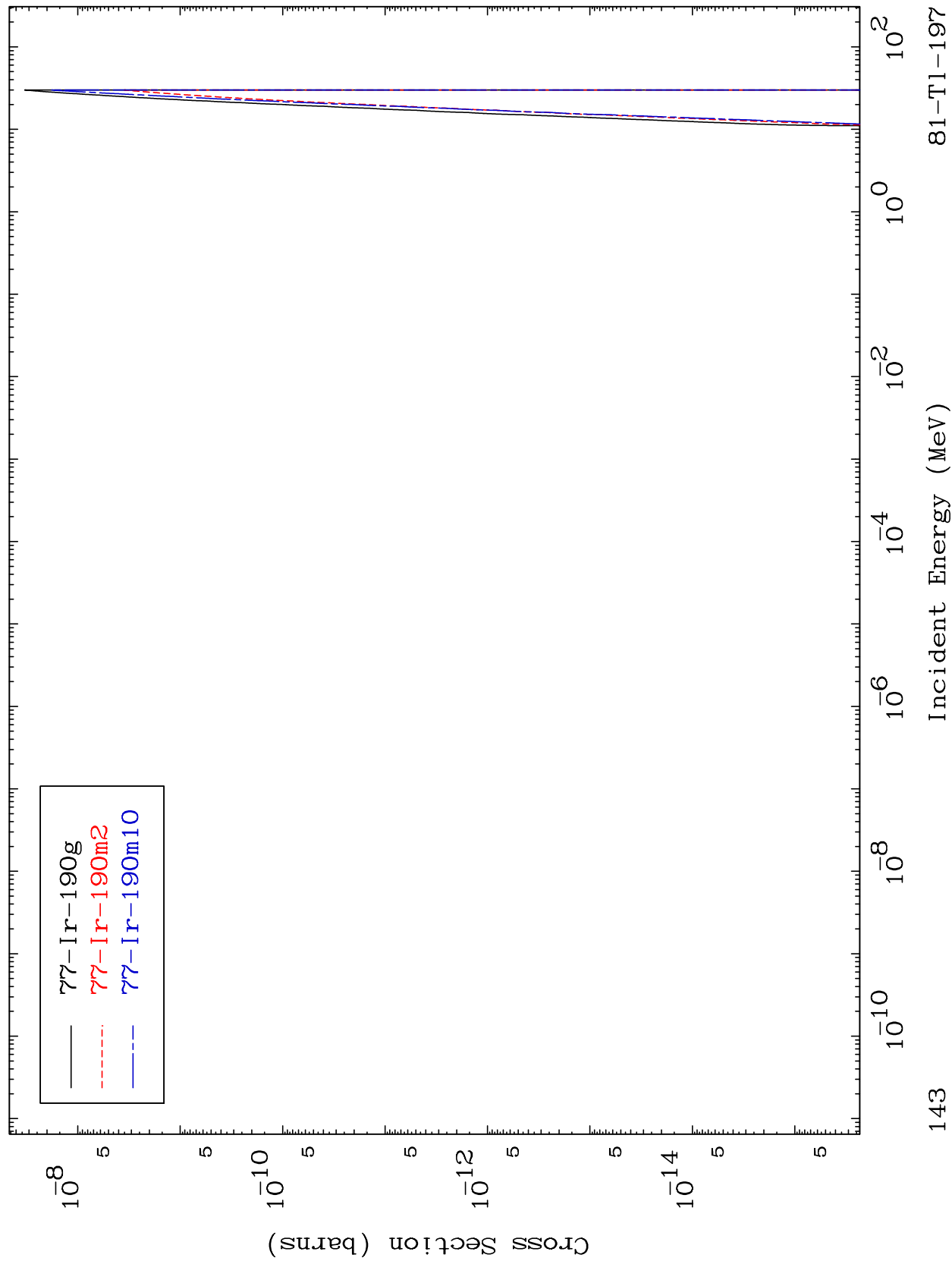
Incident Energy (MeV)

81-Tl-197

MAT 8107

81-Tl-197

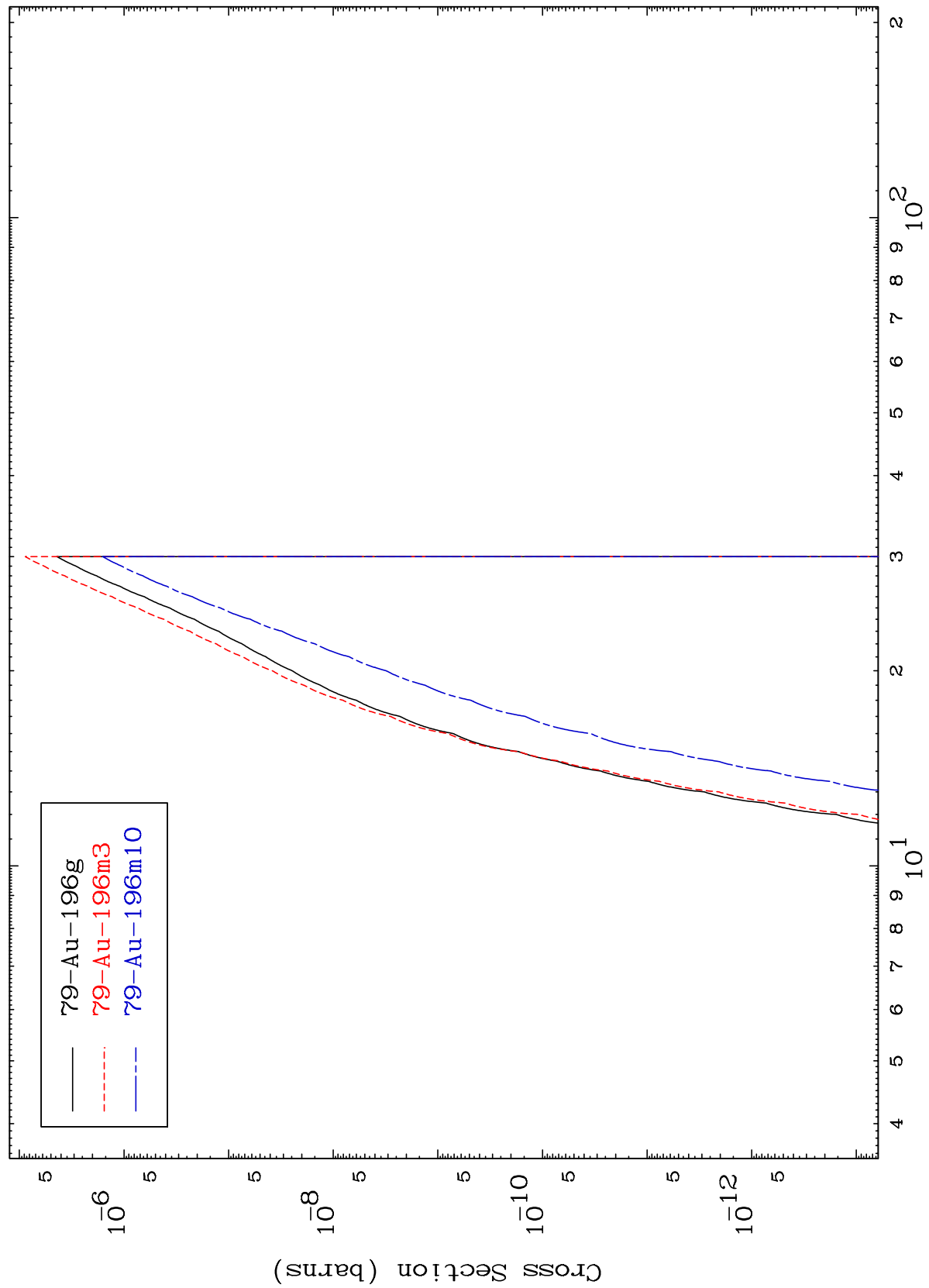
Radionuclide Production Cross Section
(n,2α)



MAT 8107

81-Tl-197

Radionuclide Production Cross Section
(n,2p)



144

Incident Energy (MeV)

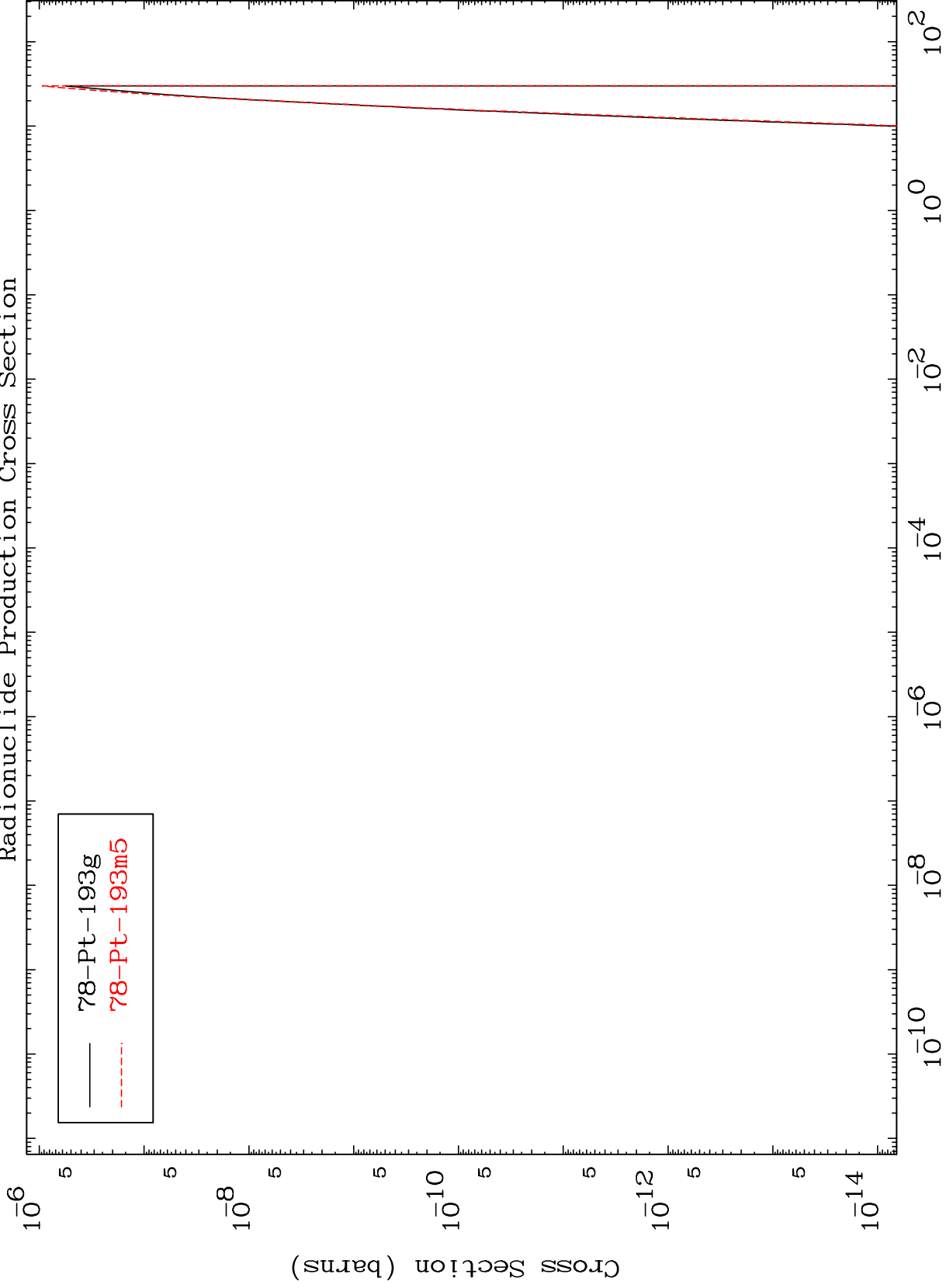
81-Tl-197

MAT 8107

(n,p) α

81-Tl-197

Radionuclide Production Cross Section



— 78-Pt-193g
- - - 78-Pt-193m5

145

Incident Energy (MeV)

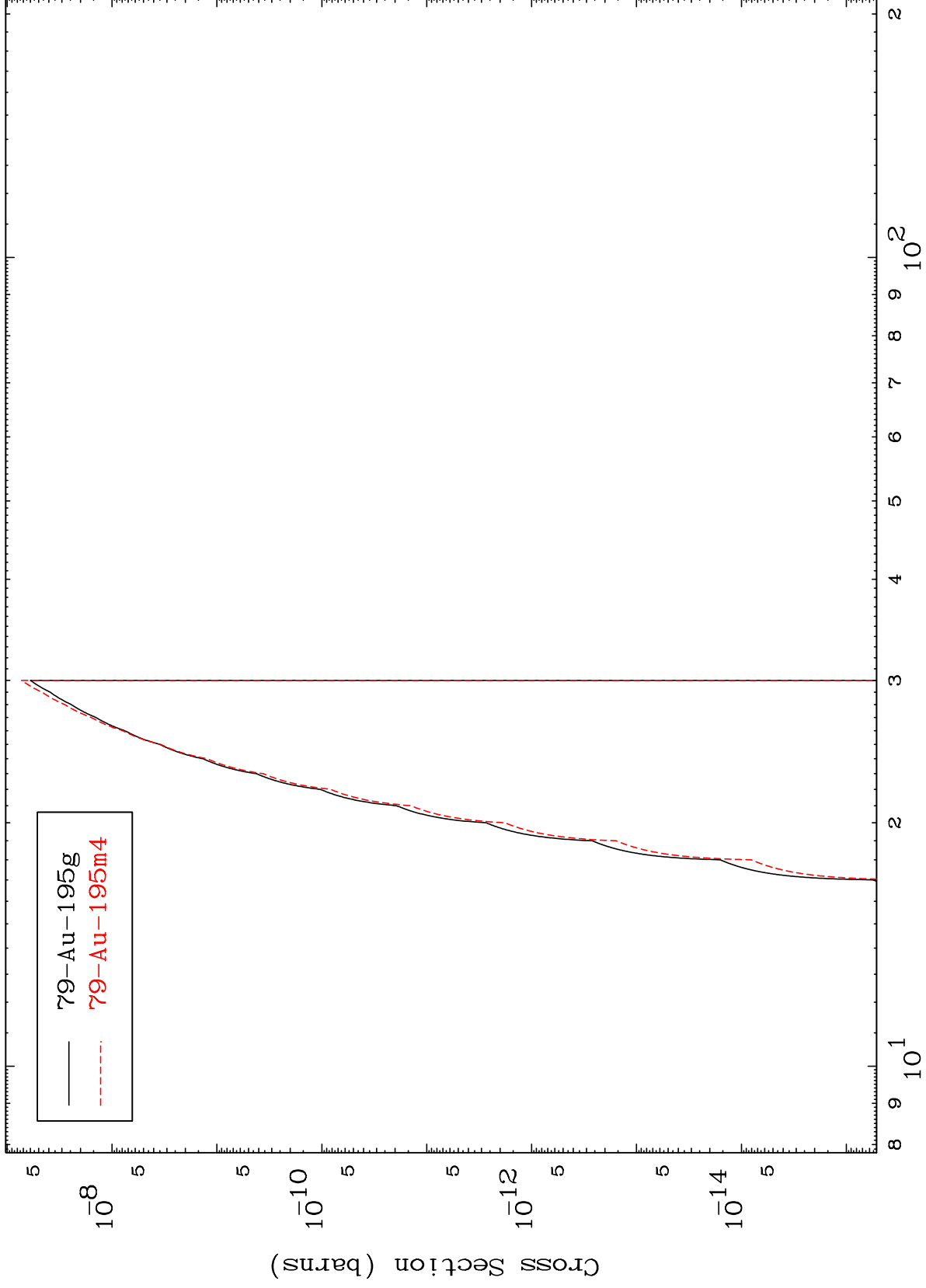
81-Tl-197

MAT 8107

(n,p) d

81-Tl-197

Radionuclide Production Cross Section

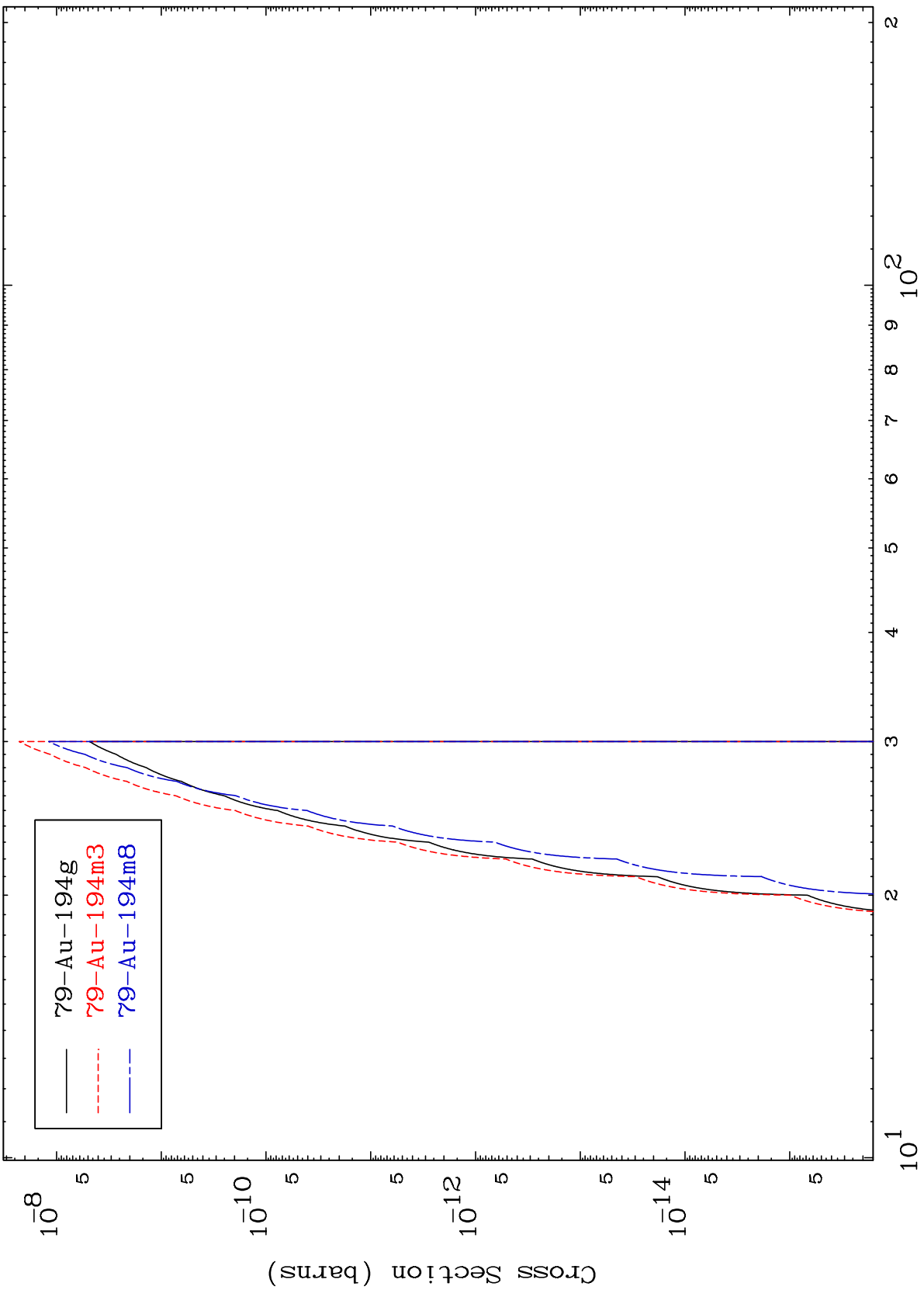


MAT 8107

(n,p) t

81-Tl-197

Radionuclide Production Cross Section



147

Incident Energy (MeV)

81-Tl-197