

Program EVALPLOT
(Version 2021-1)

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

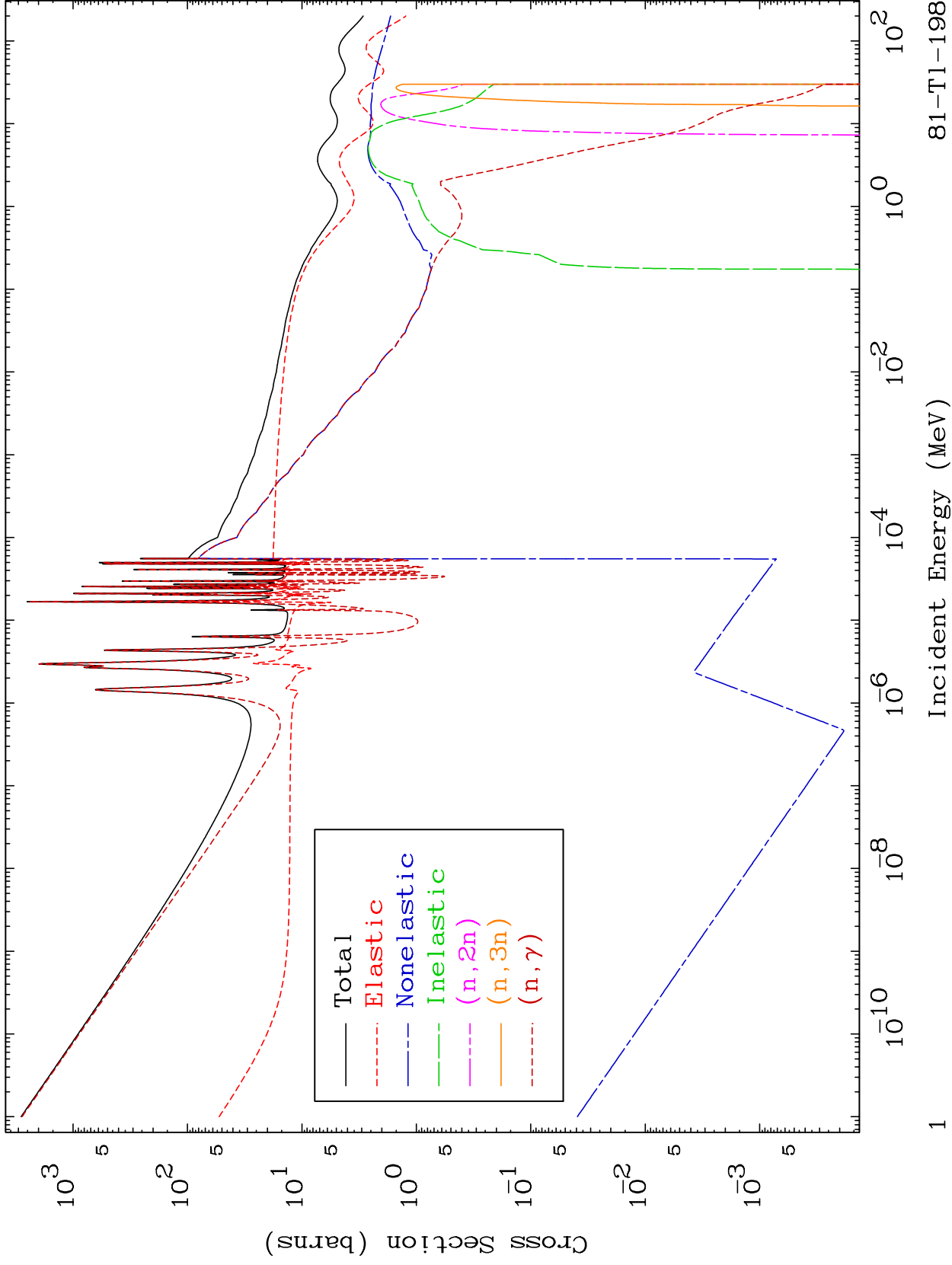
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8110

Neutron Major
293 Kelvin Cross Sections

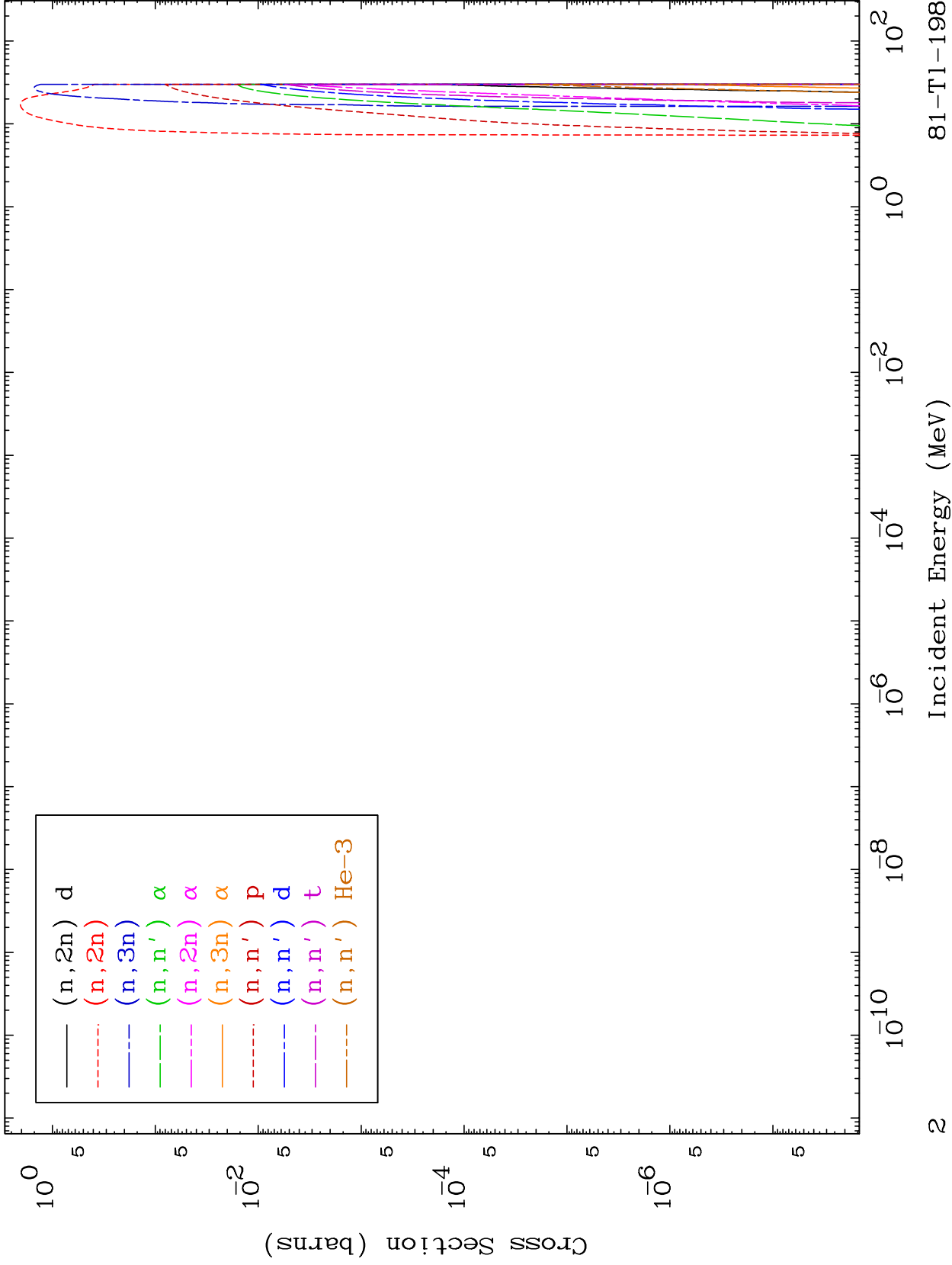
81-Tl-198

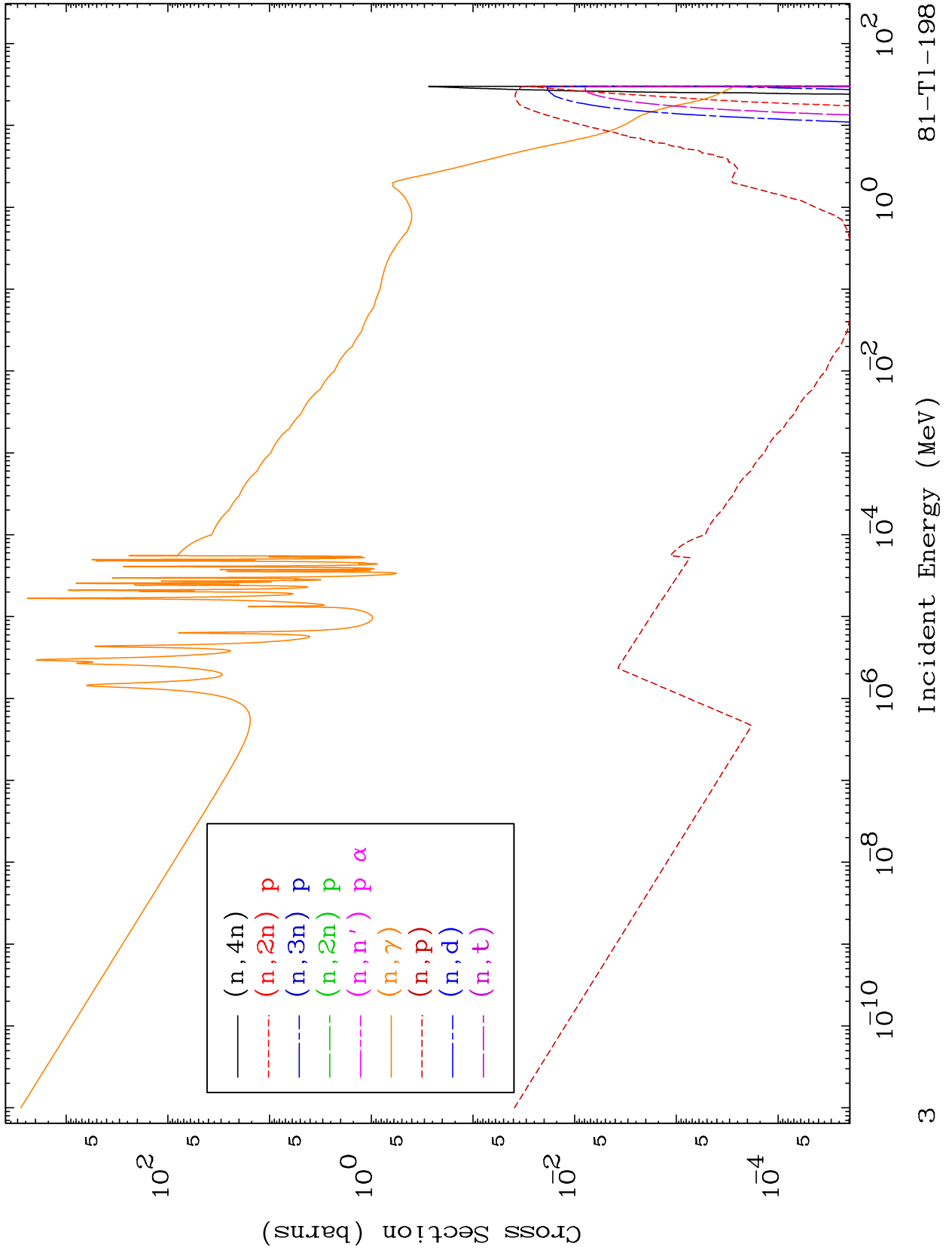


MAT 8110

Neutron Absorption
293 Kelvin Cross Sections

81-Tl-198

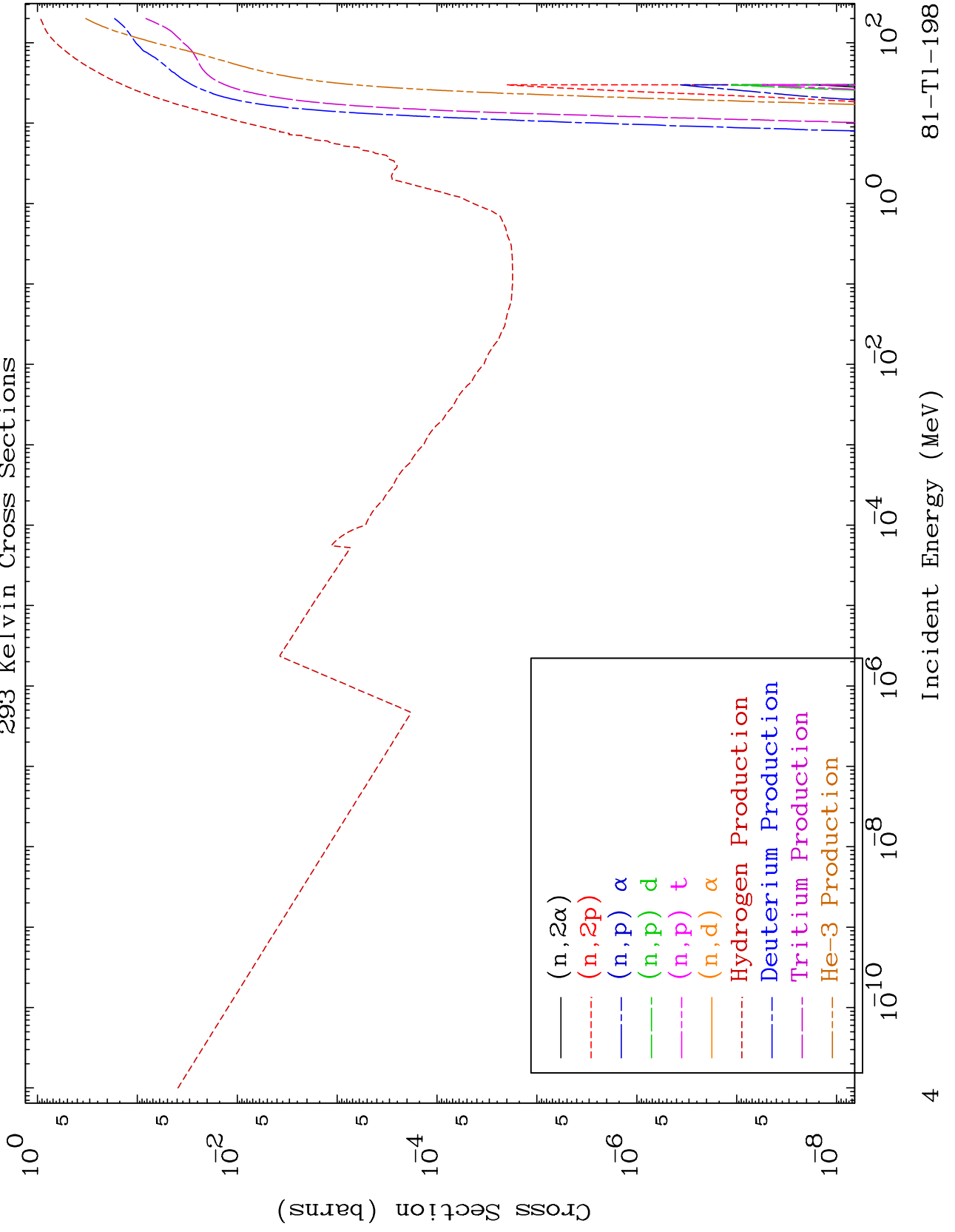




MAT 81110

Neutron Absorption
293 Kelvin Cross Sections

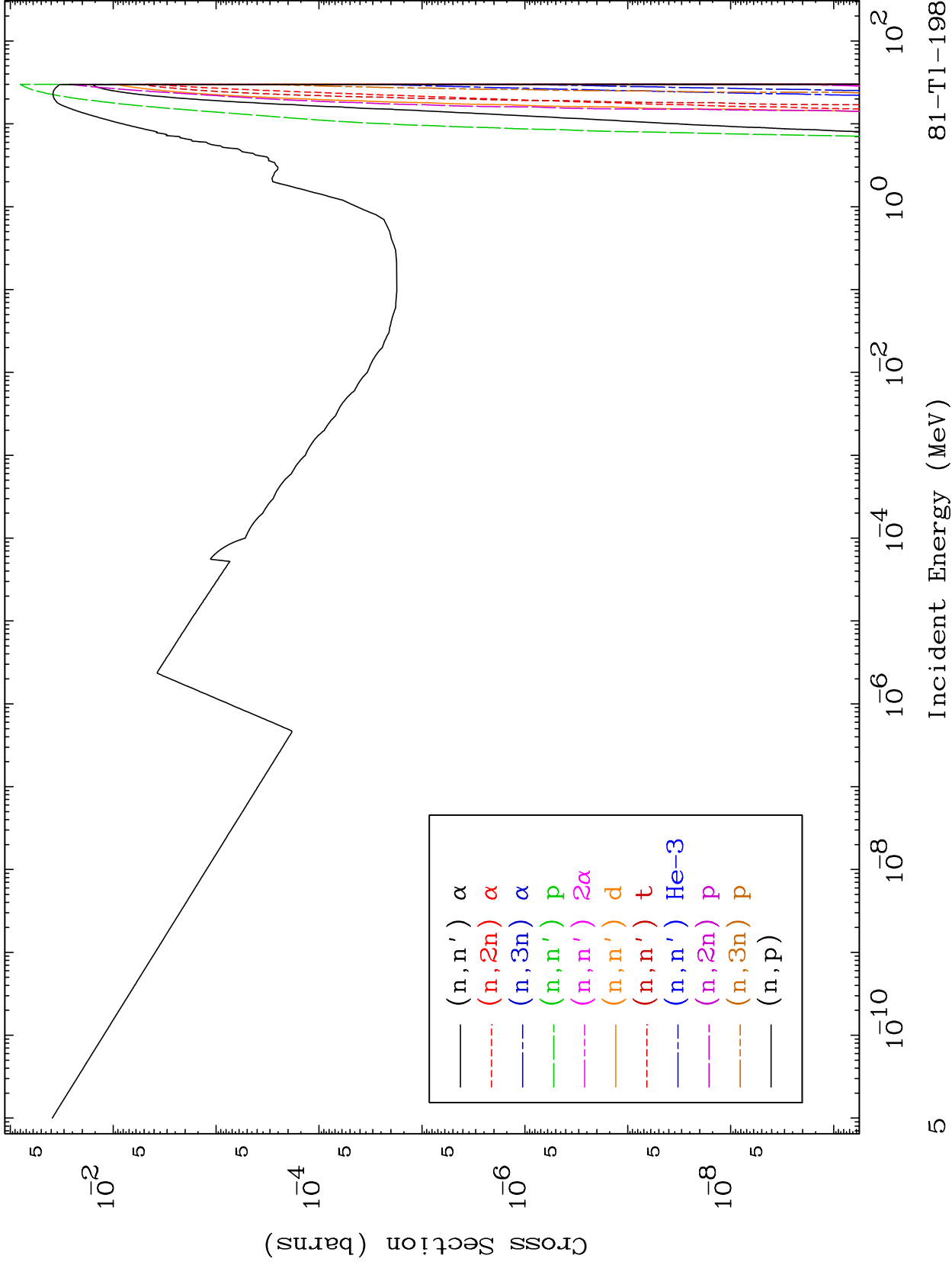
81-Tl-198



MAT 8110

Charged Particle
293 Kelvin Cross Sections

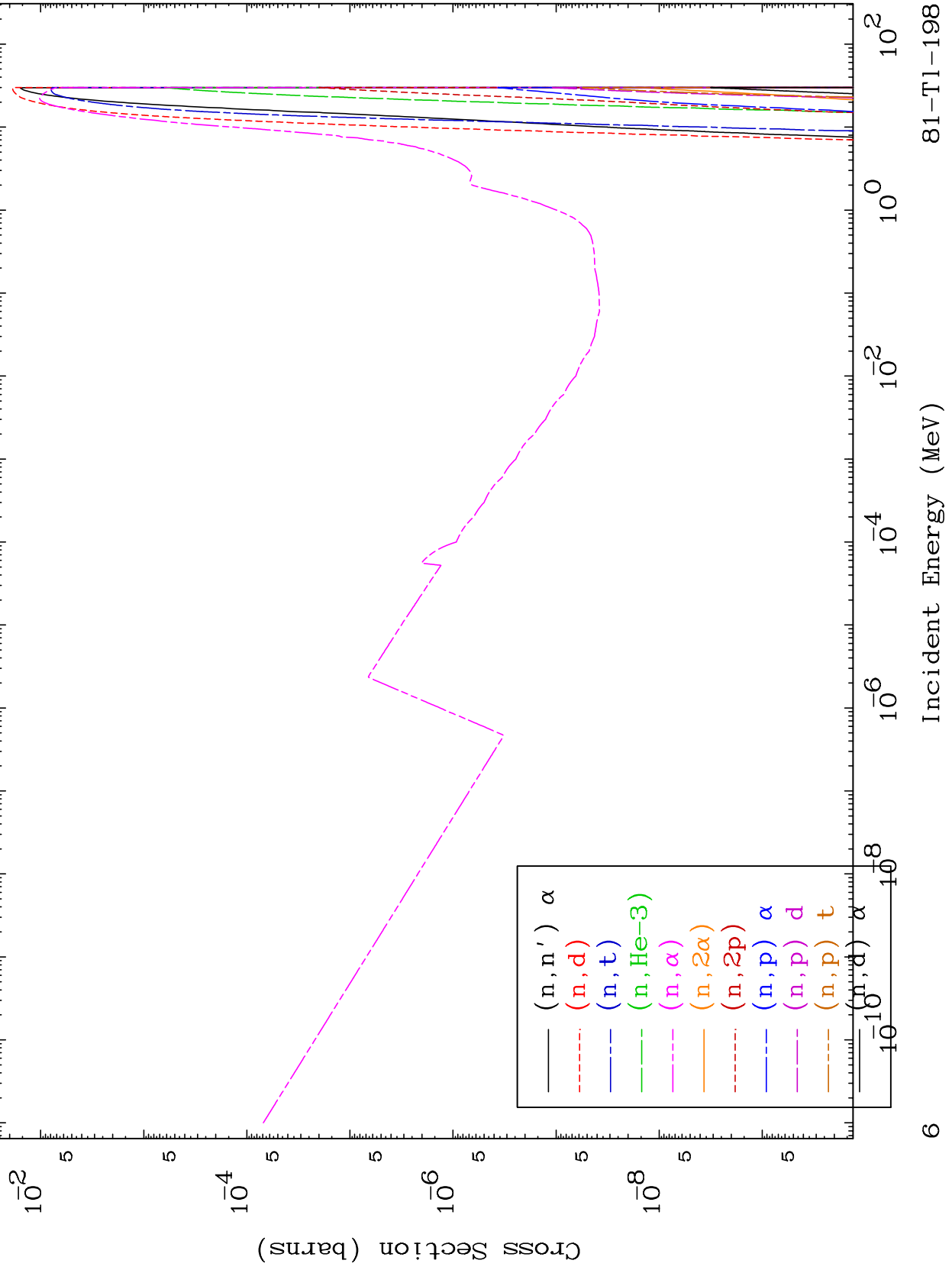
81-Tl-198



MAT 8110

Charged Particle
293 Kelvin Cross Sections

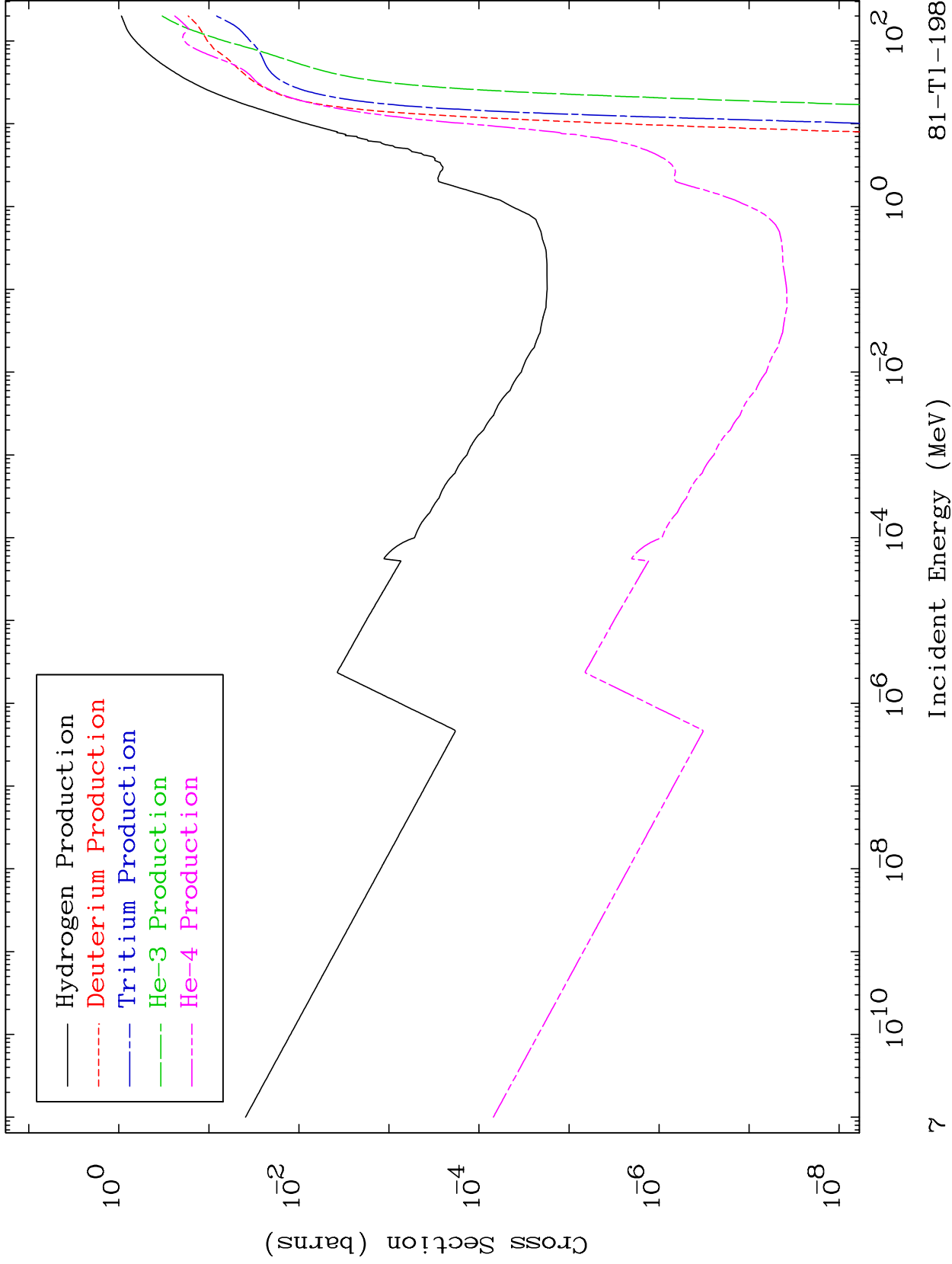
81-Tl-198



MAT 8110

Particle Production
293 Kelvin Cross Sections

81-Tl-198

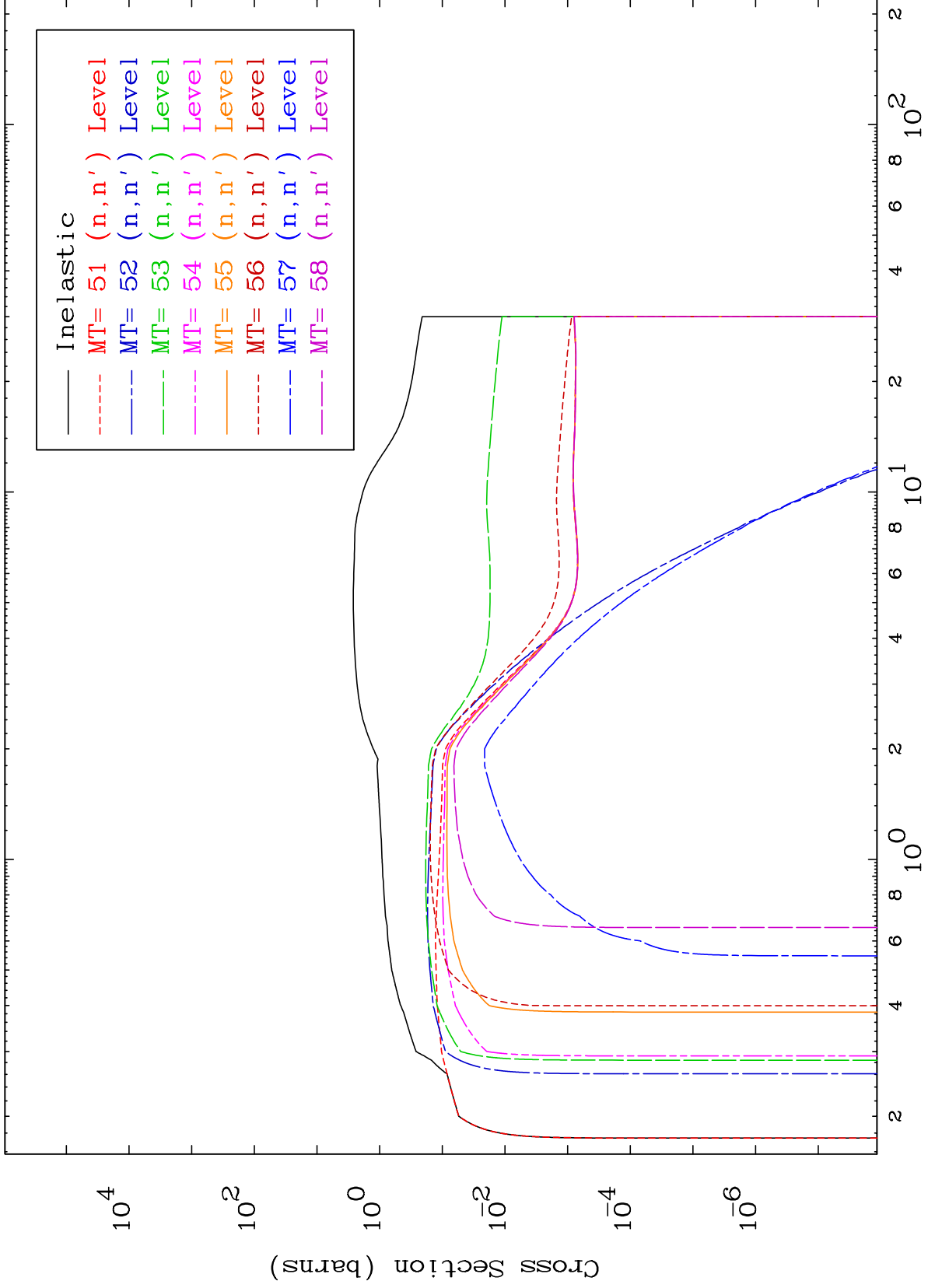


MAT 8110

(n,n') Levels

81-Tl-198

293 Kelvin Cross Sections



8

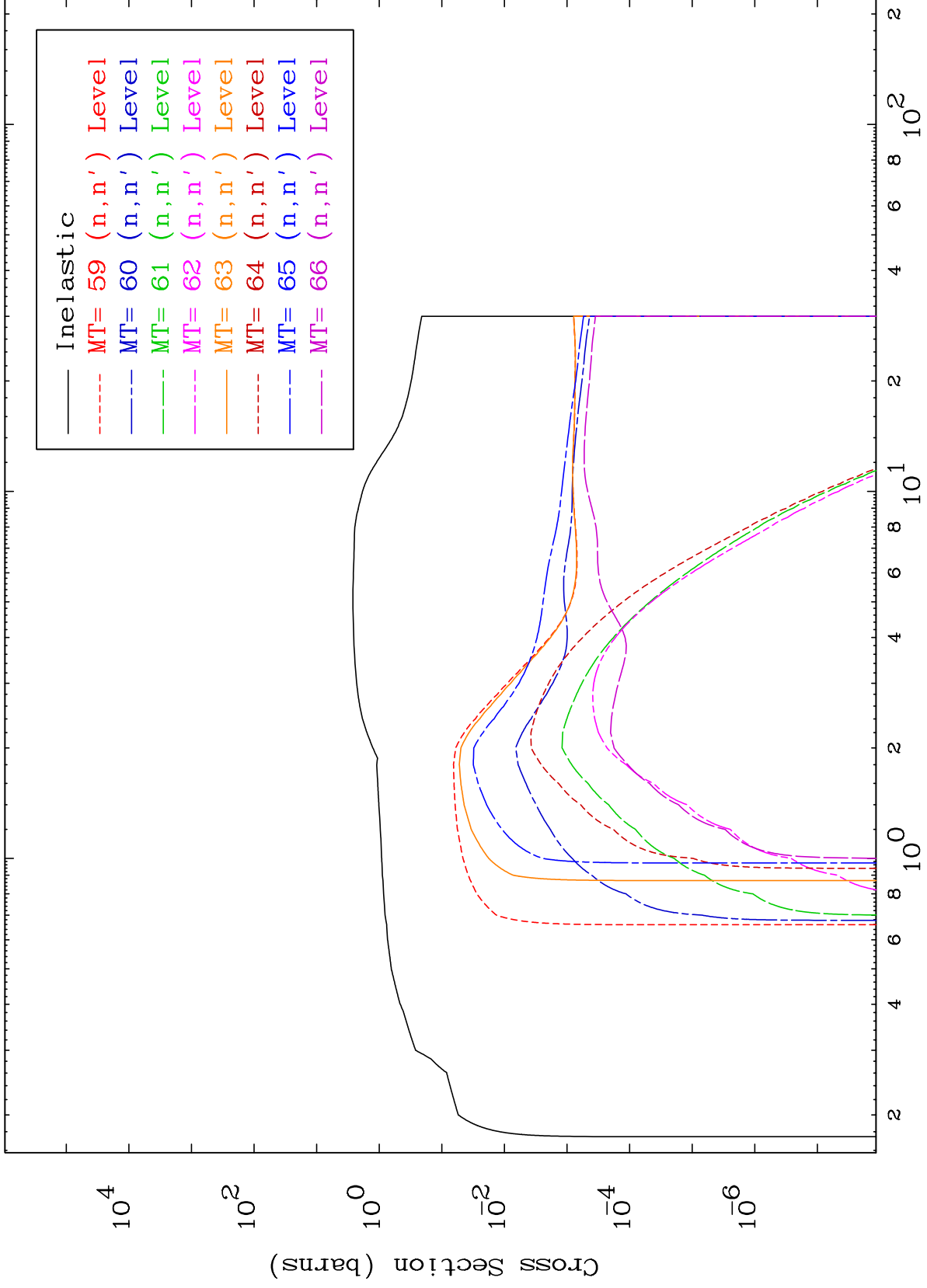
Incident Energy (MeV)

81-Tl-198

MAT 8110

(n,n') Levels
293 Kelvin Cross Sections

81-T1-198

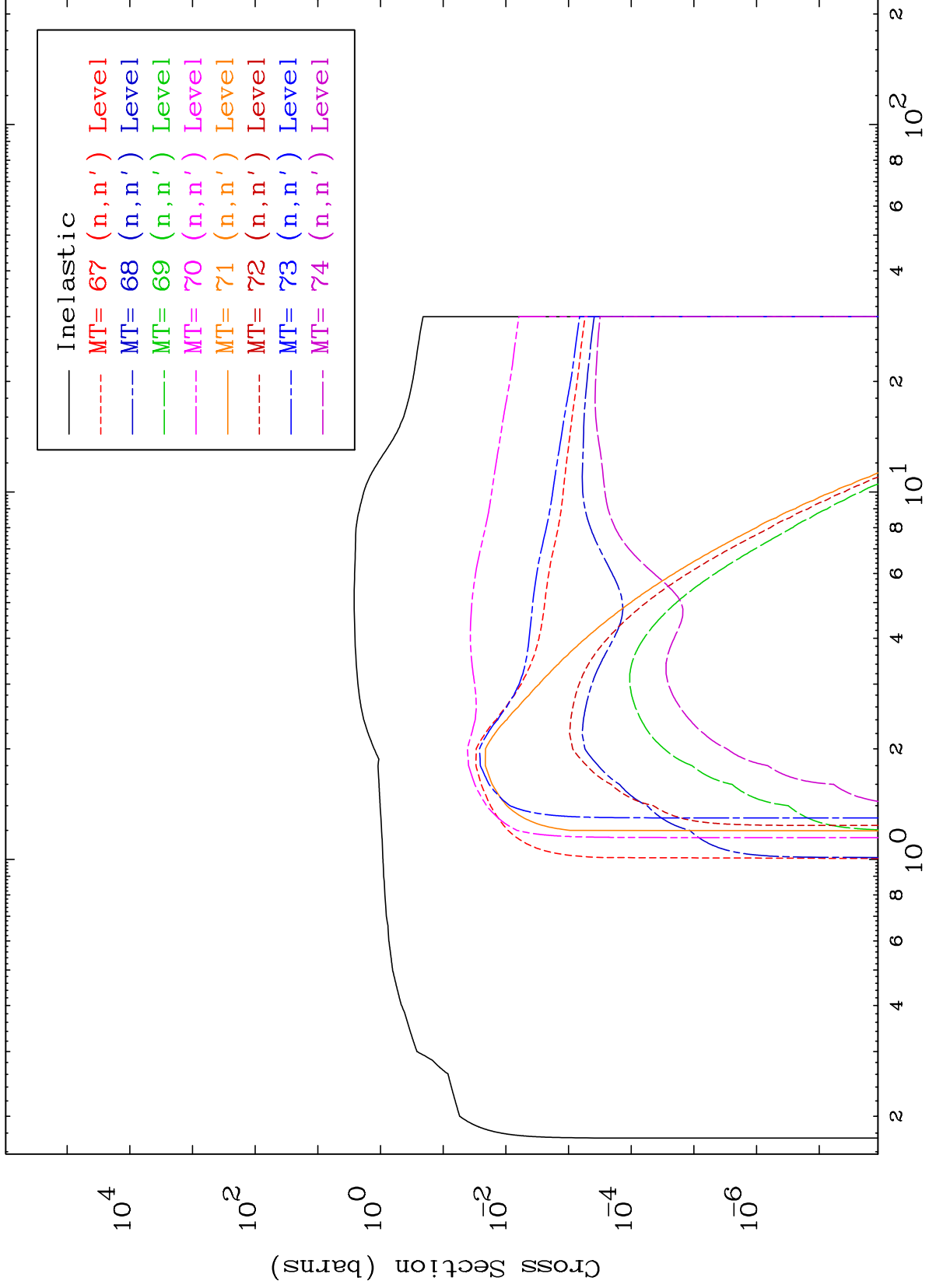


MAT 8110

(n,n') Levels

81-Tl-198

293 Kelvin Cross Sections



10

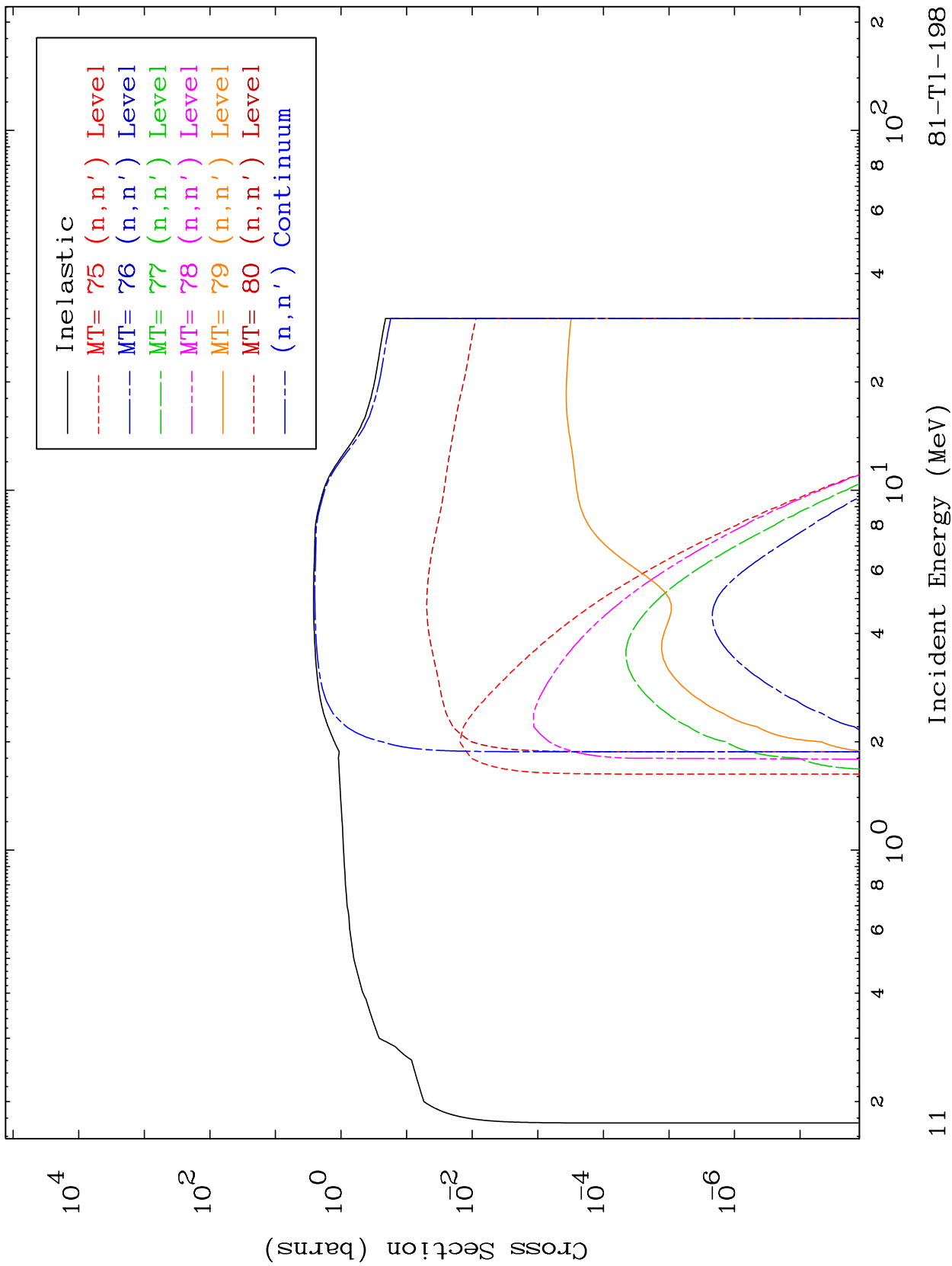
Incident Energy (MeV)

81-Tl-198

MAT 8110

(n,n') Levels
293 Kelvin Cross Sections

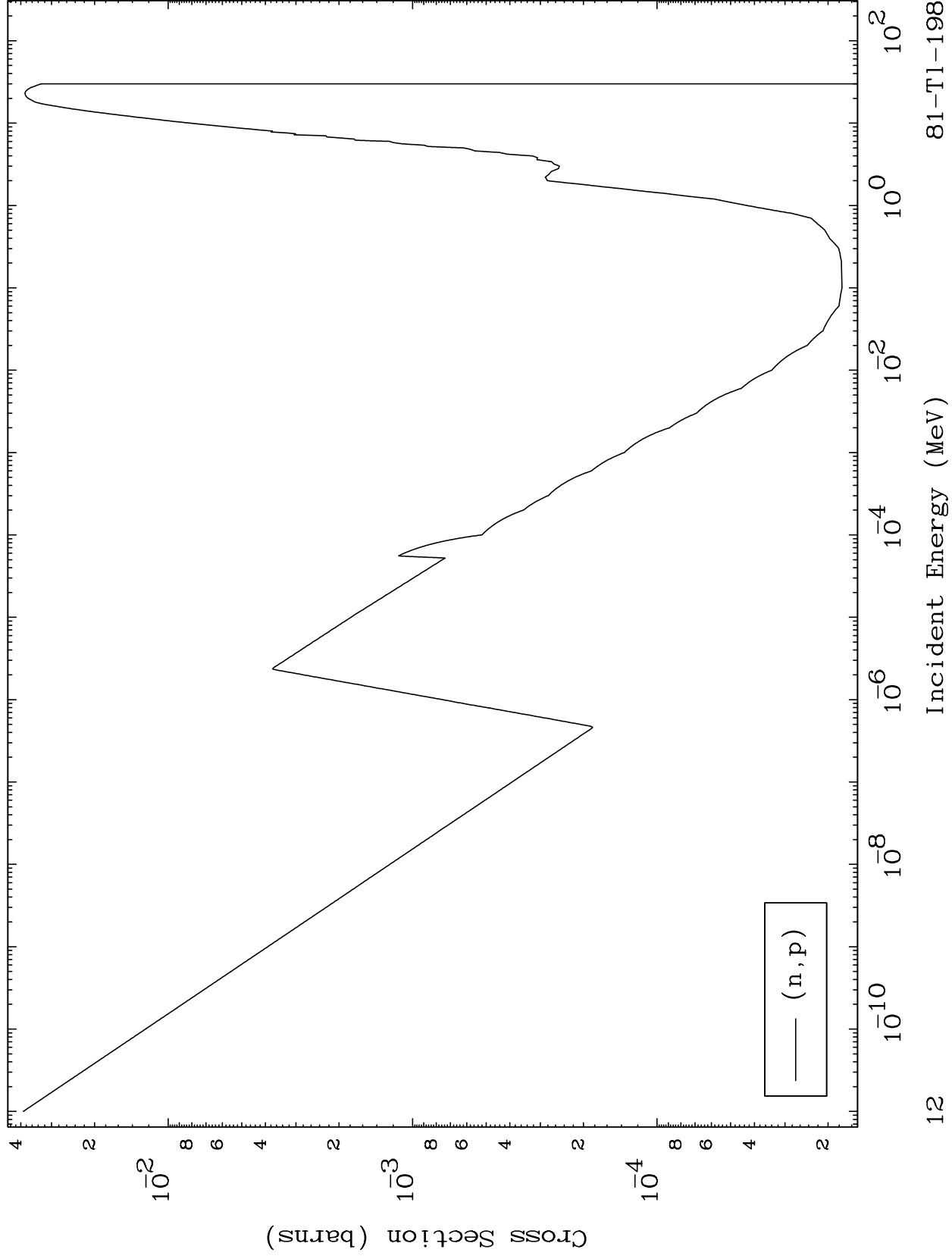
81-Tl-198



MAT 8110

(n,p) Levels
293 Kelvin Cross Sections

81-Tl-198

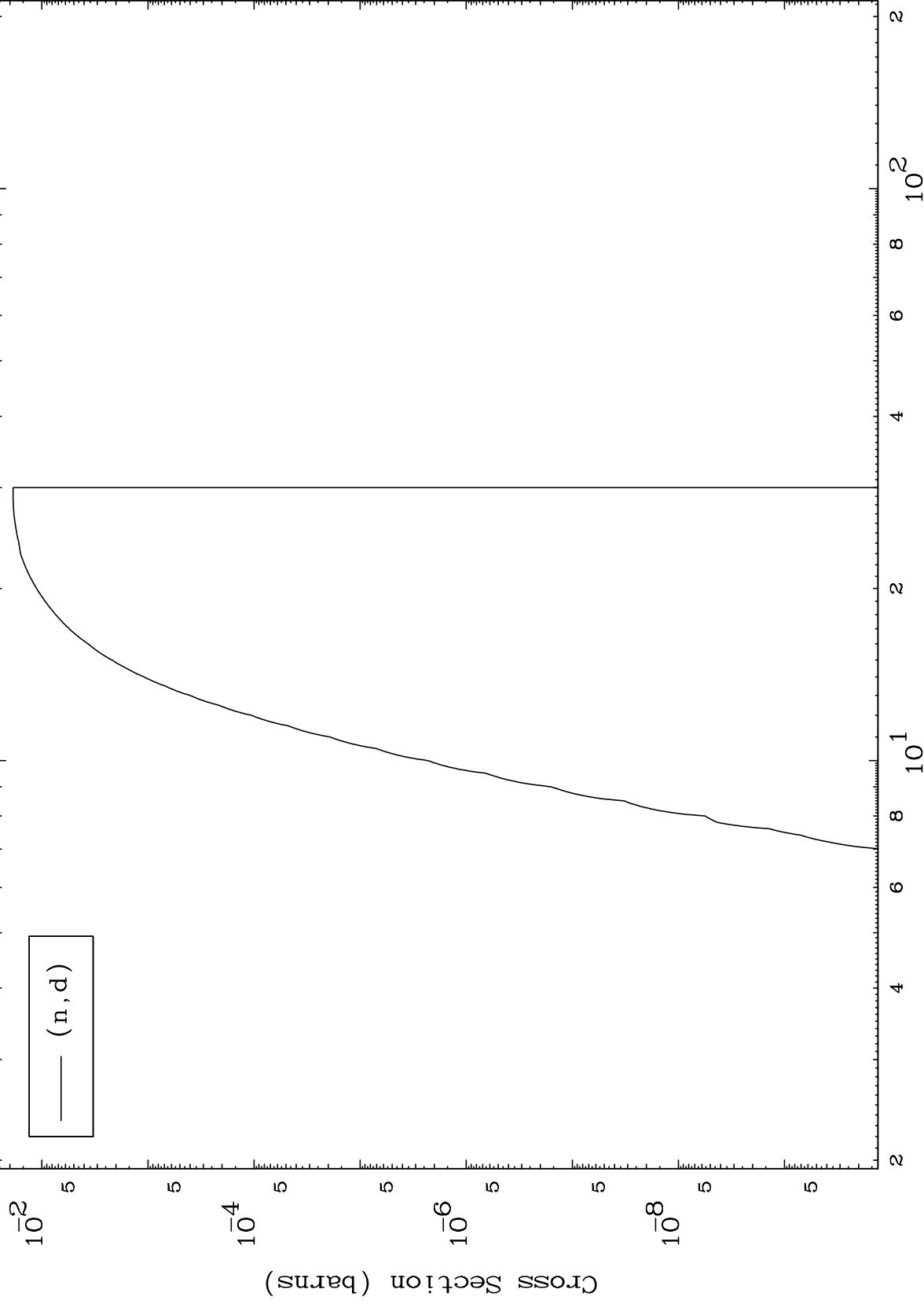


12

MAT 8110

(n,d) Levels
293 Kelvin Cross Sections

81-Tl-198



13

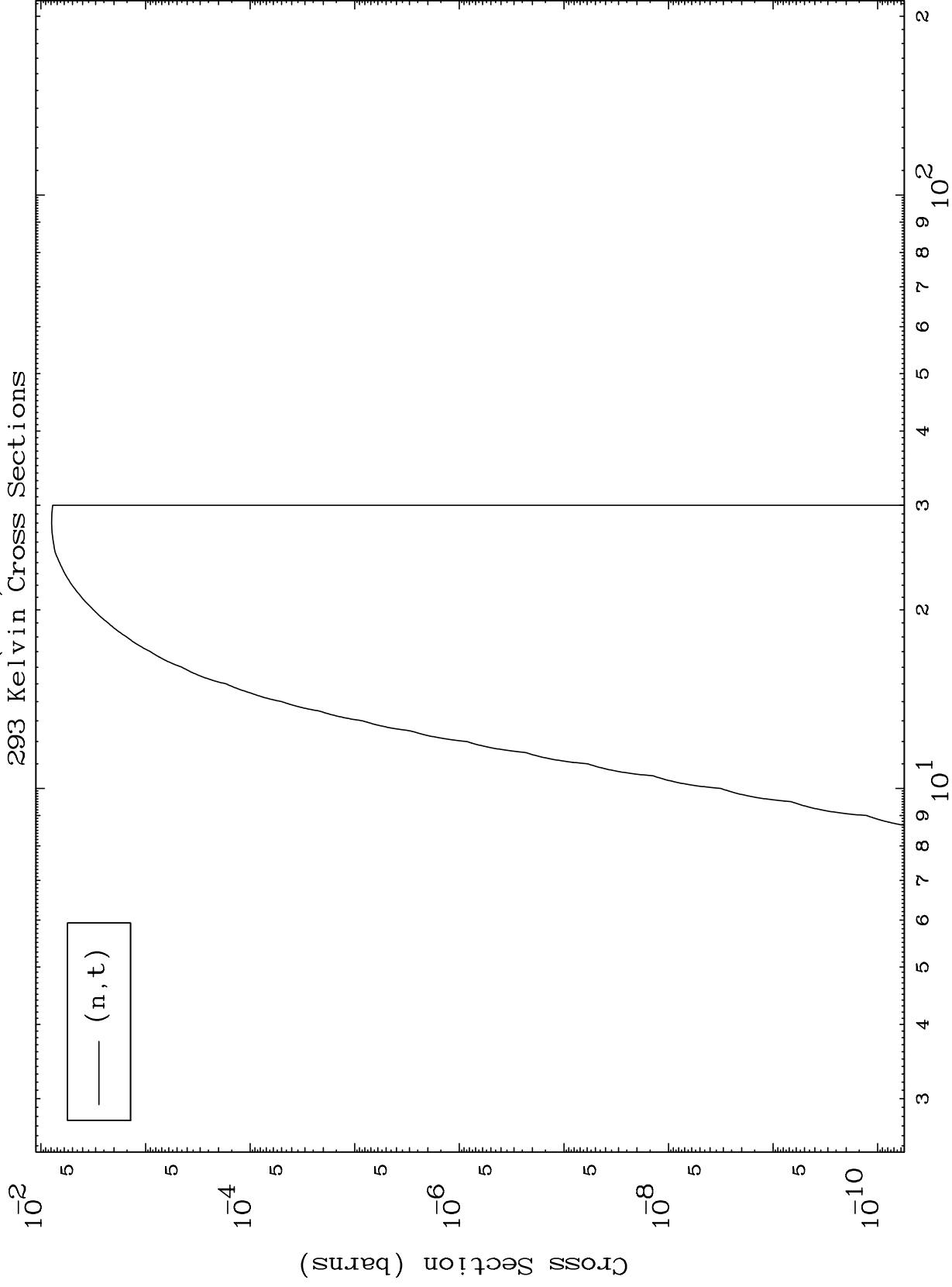
Incident Energy (MeV)

81-Tl-198

MAT 8110

(n,t) Levels
293 Kelvin Cross Sections

81-T1-198



14

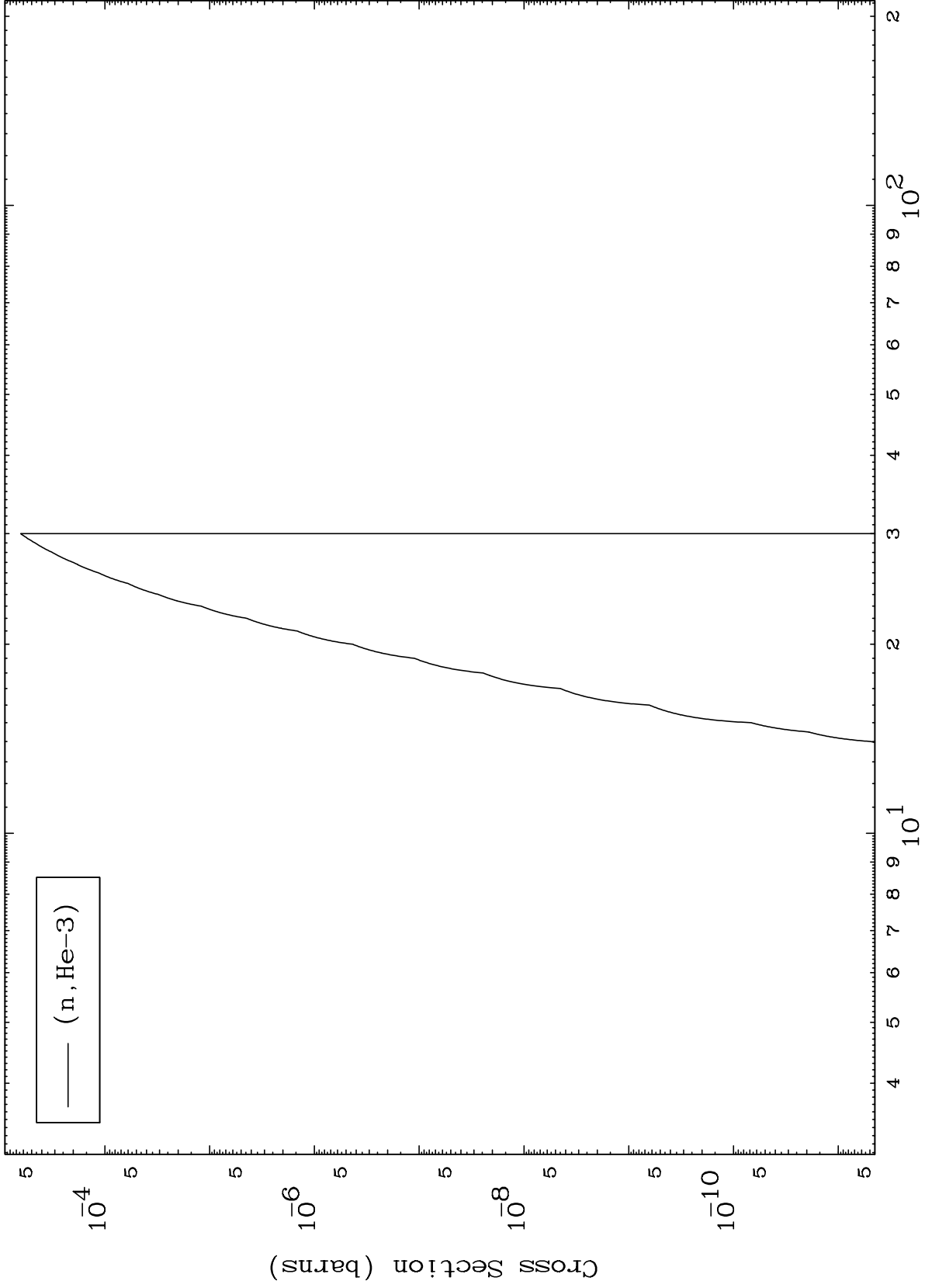
Incident Energy (MeV)

81-T1-198

MAT 8110

(n,He3) Levels
293 Kelvin Cross Sections

81-T1-198



15

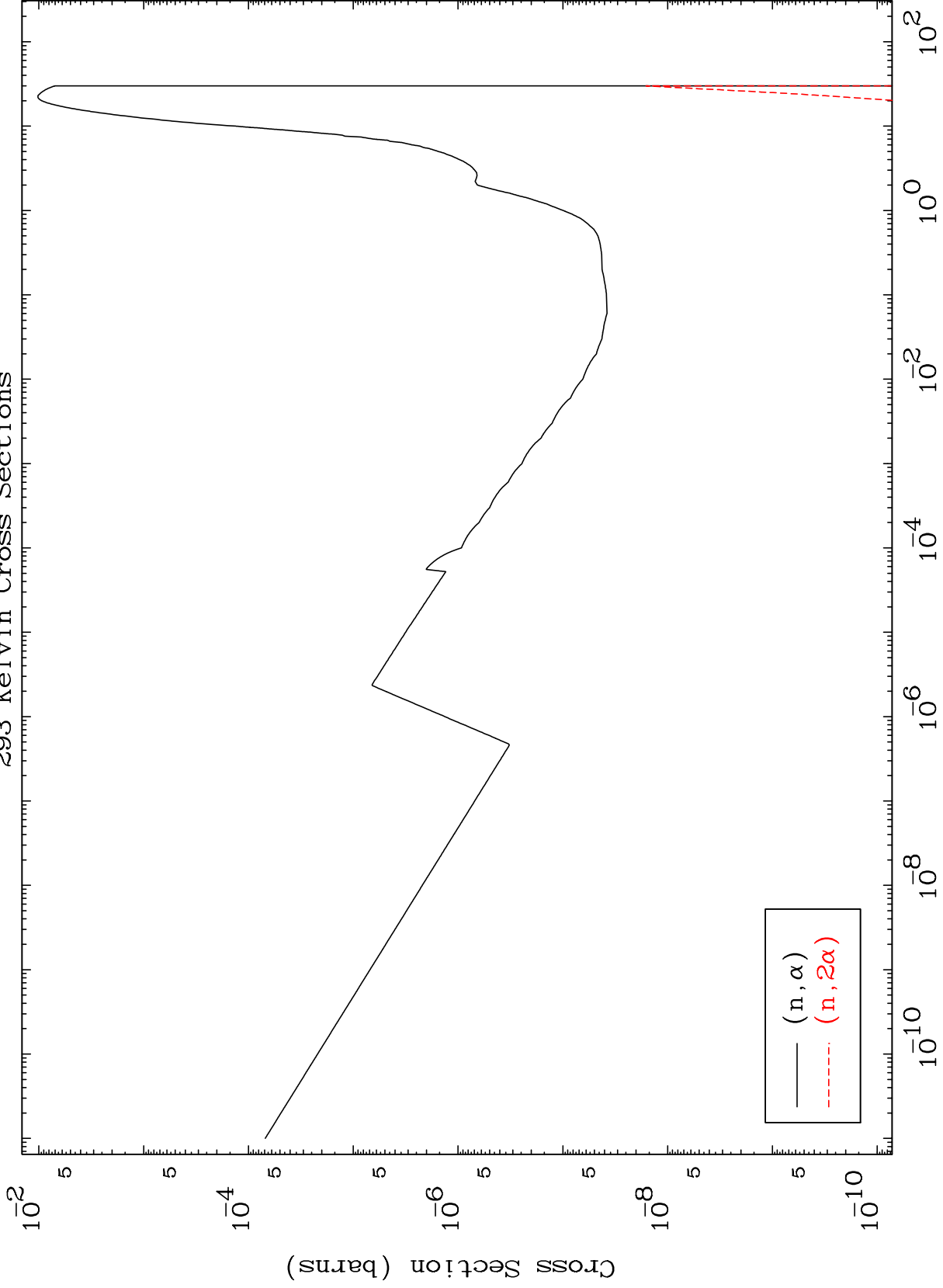
Incident Energy (MeV)

81-T1-198

MAT 8110

(n,α) Levels
293 Kelvin Cross Sections

81-Tl-198



16

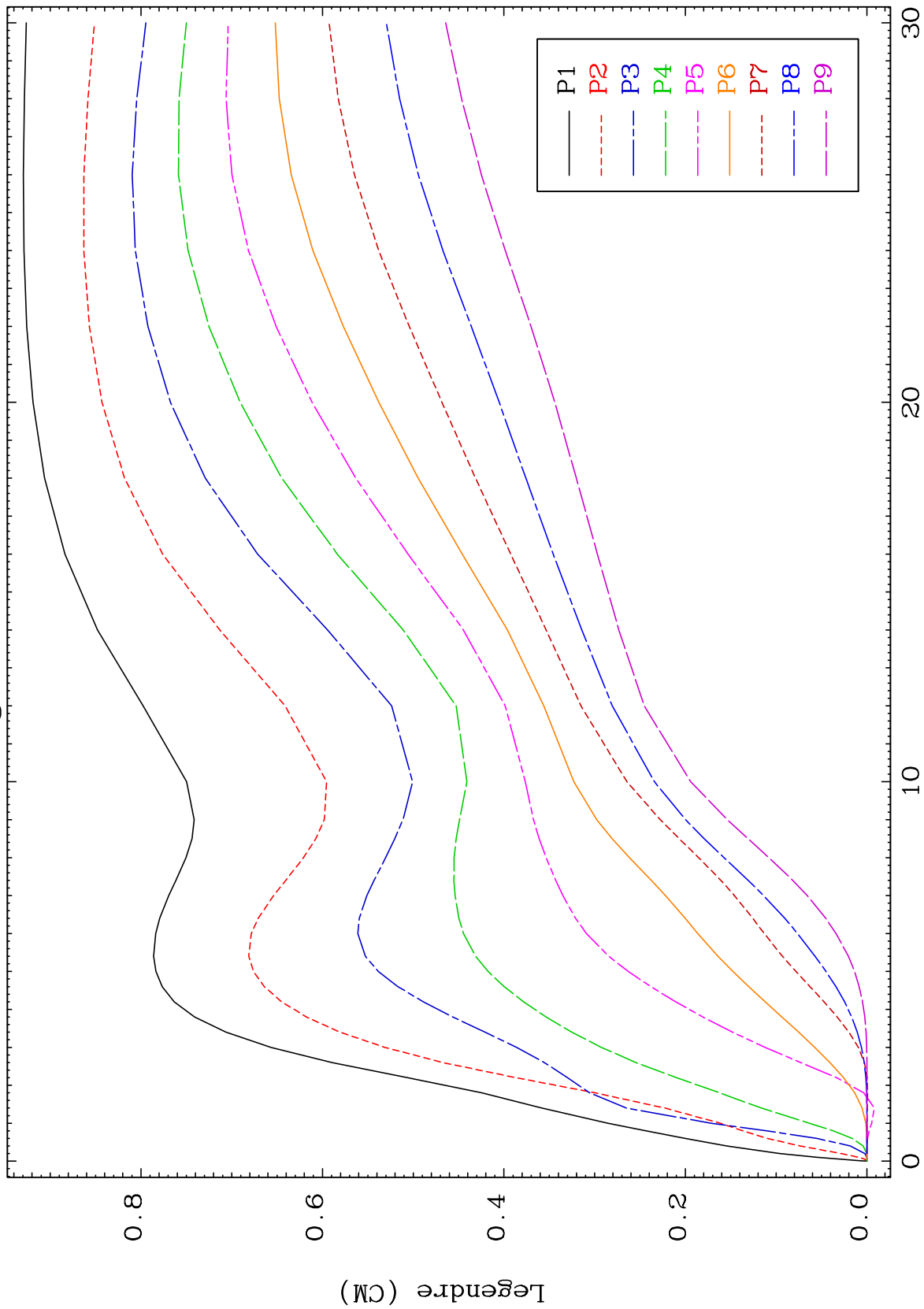
Incident Energy (MeV)

81-Tl-198

MAT 8110

Elastic Legendre Coefficients

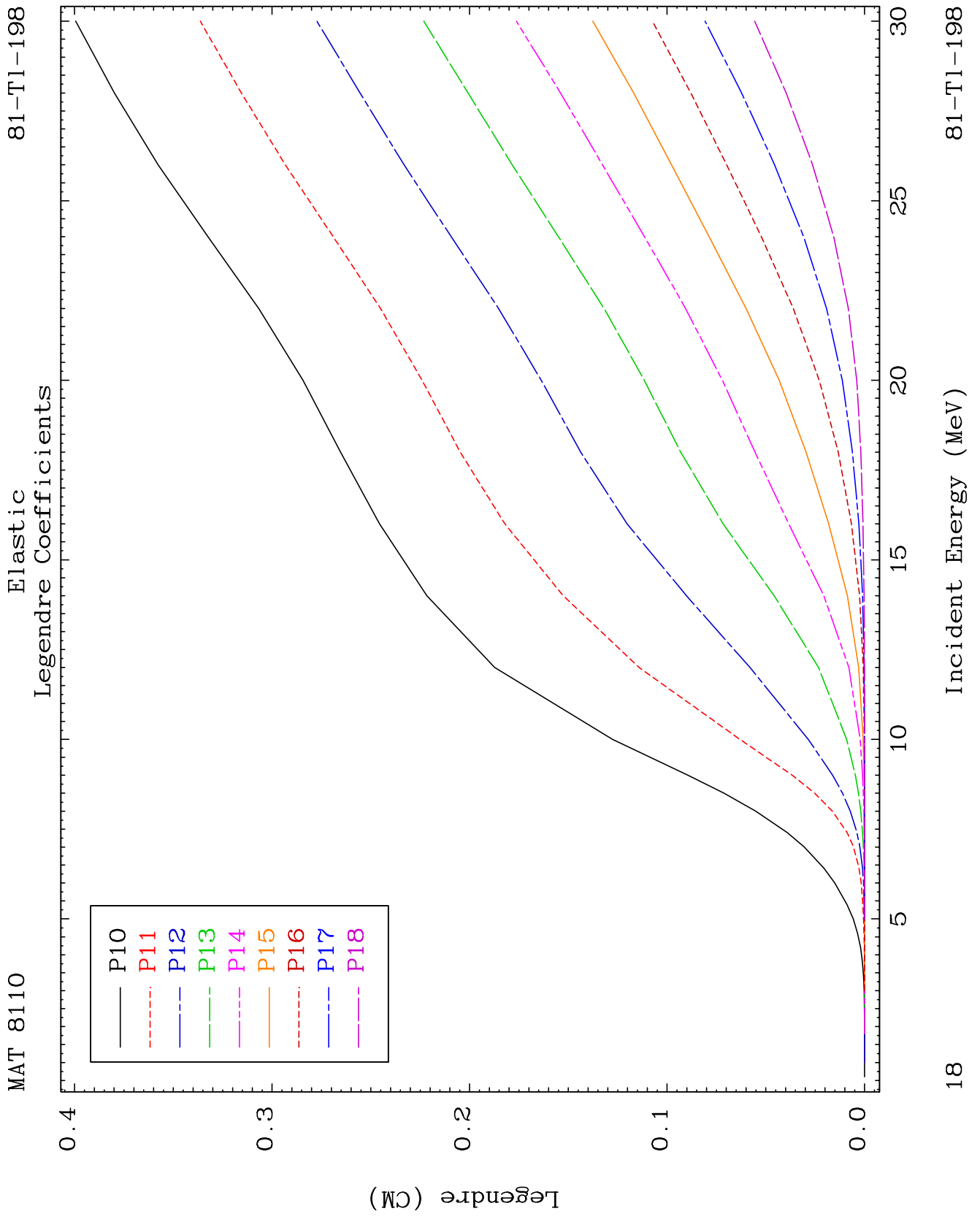
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17

Incident Energy (MeV)

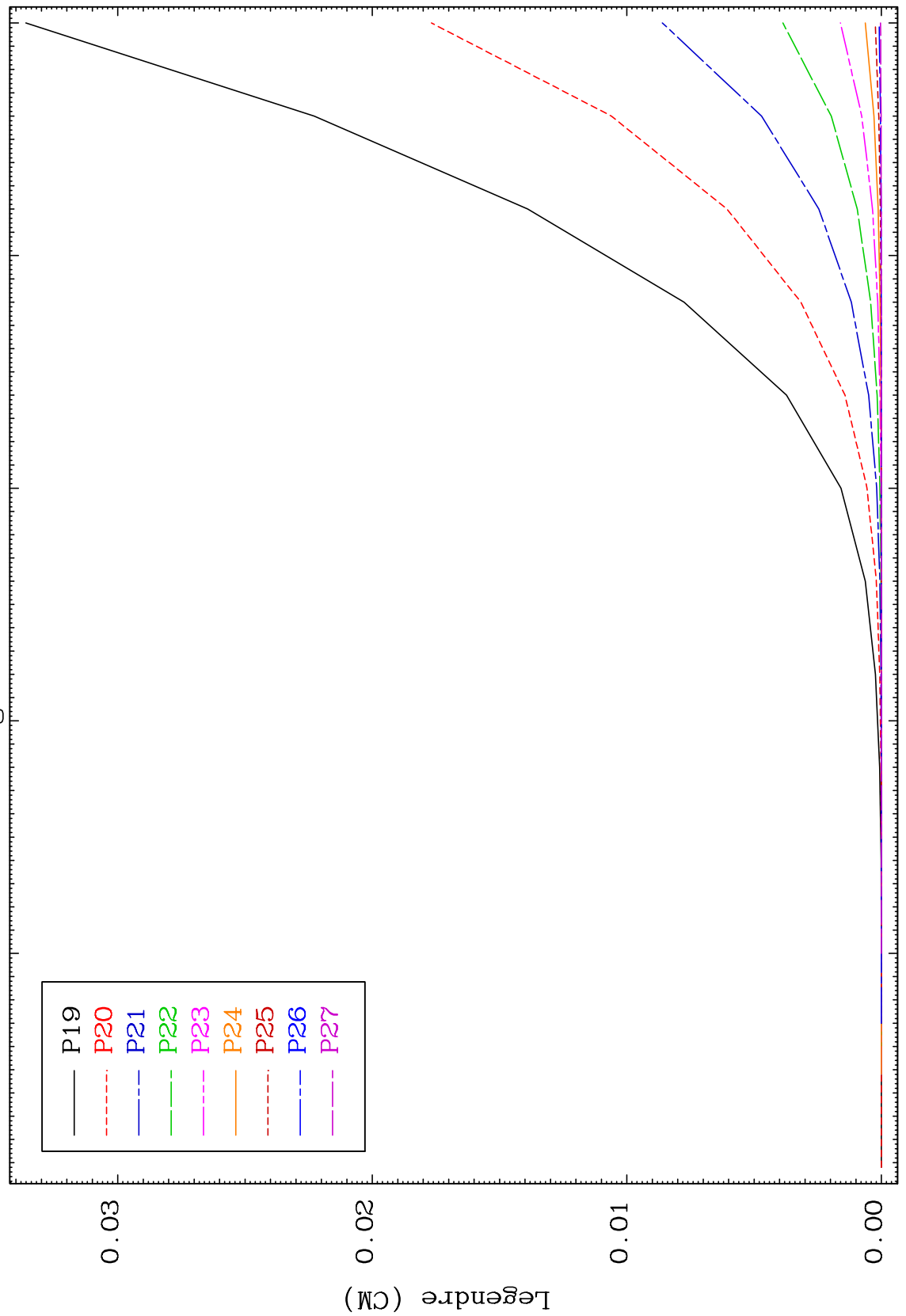
81-T1-198



MAT 8110

Elastic Legendre Coefficients

81-T1-198



19

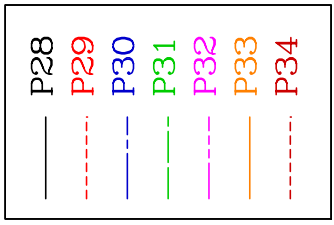
Incident Energy (MeV)

81-T1-198

MAT 8110

Elastic Legendre Coefficients

81-T1-198



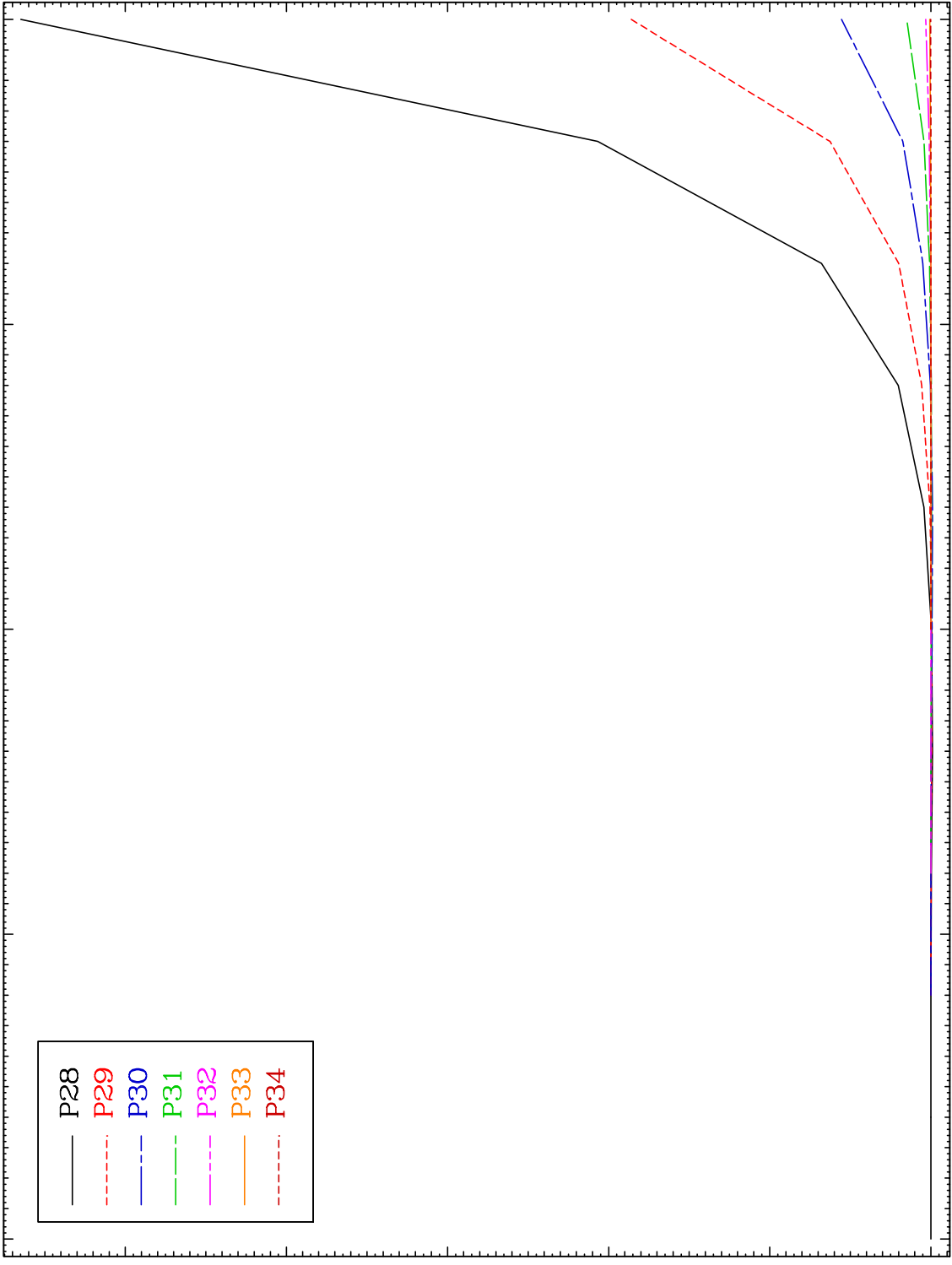
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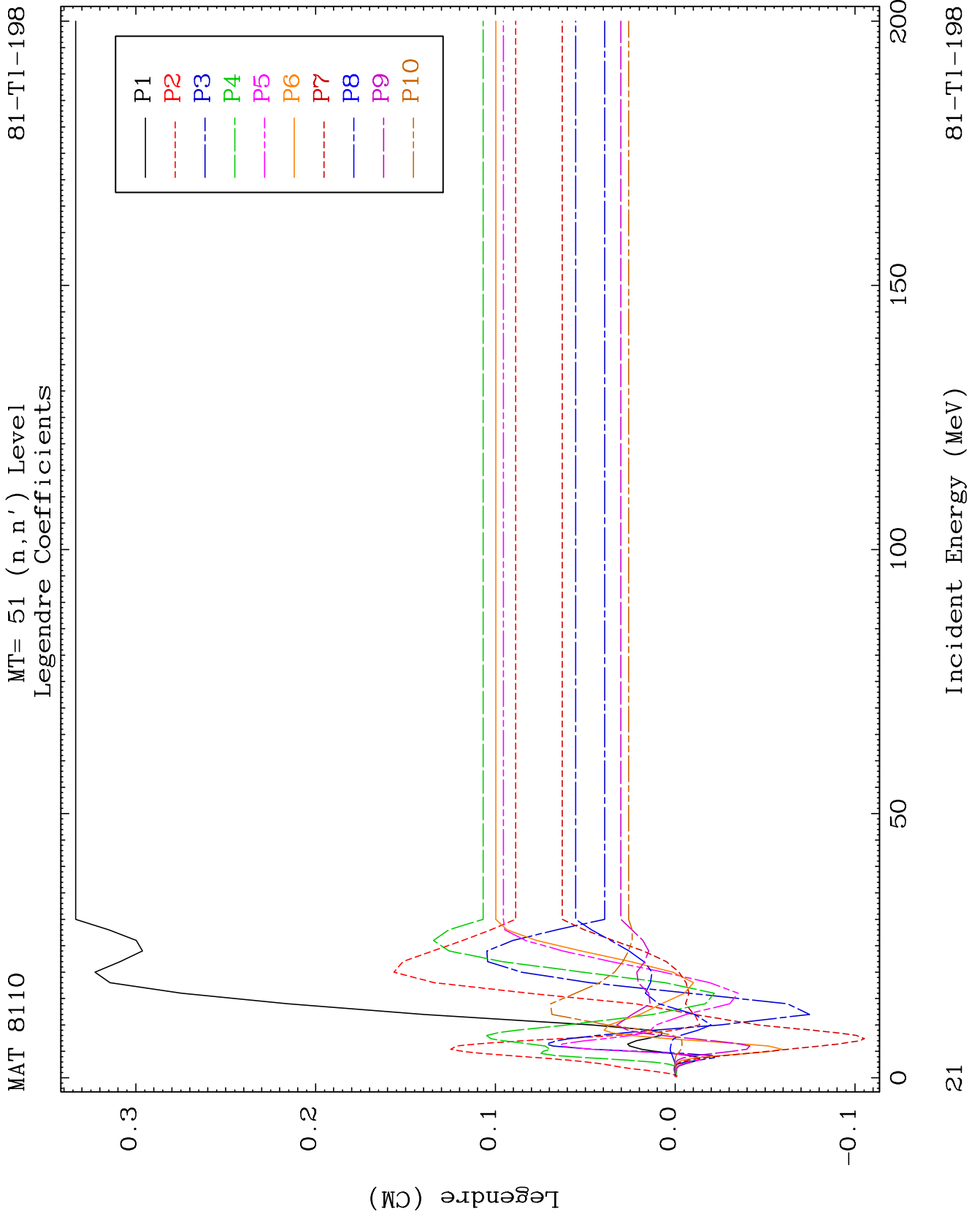
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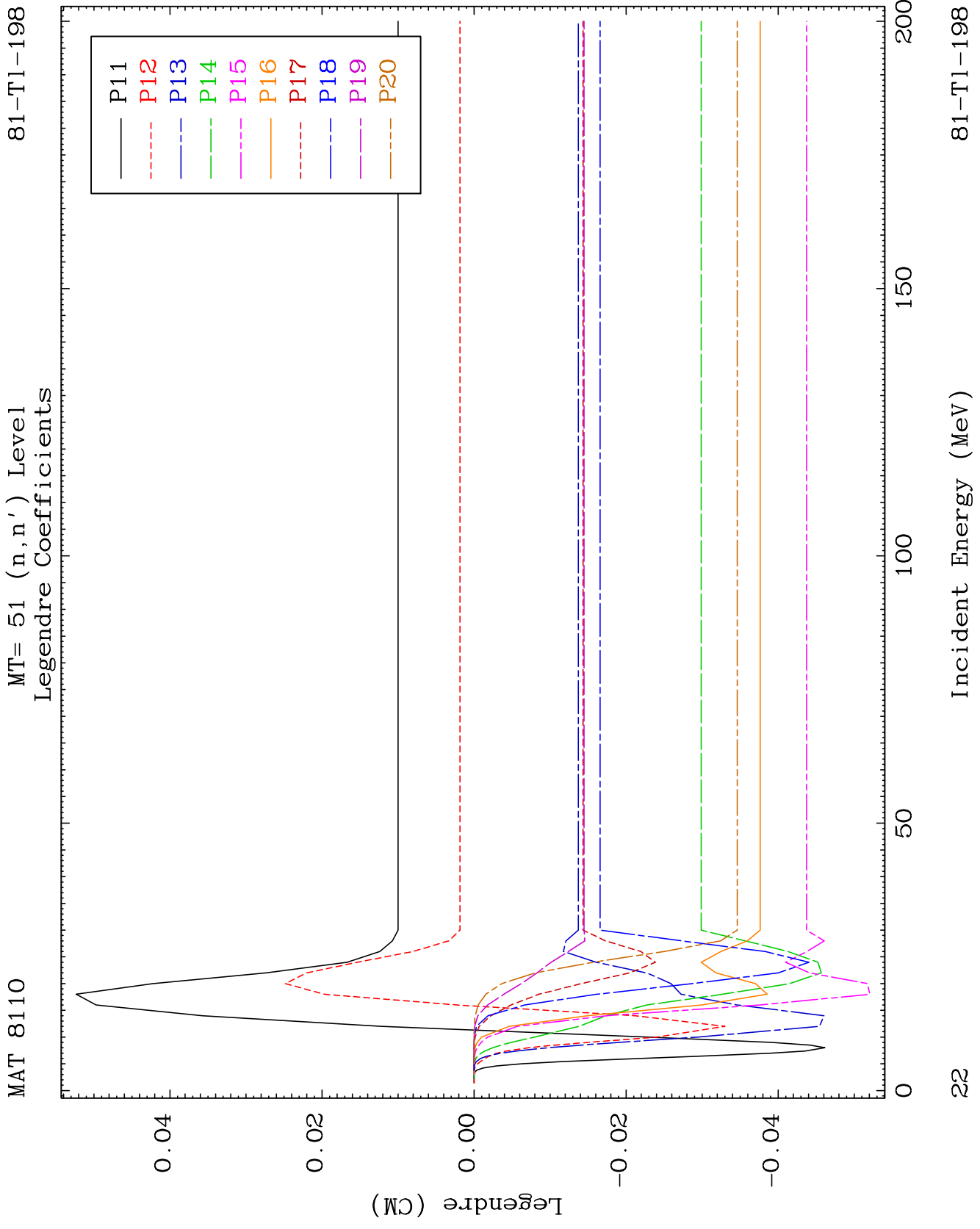
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Incident Energy (MeV)

81-T1-198



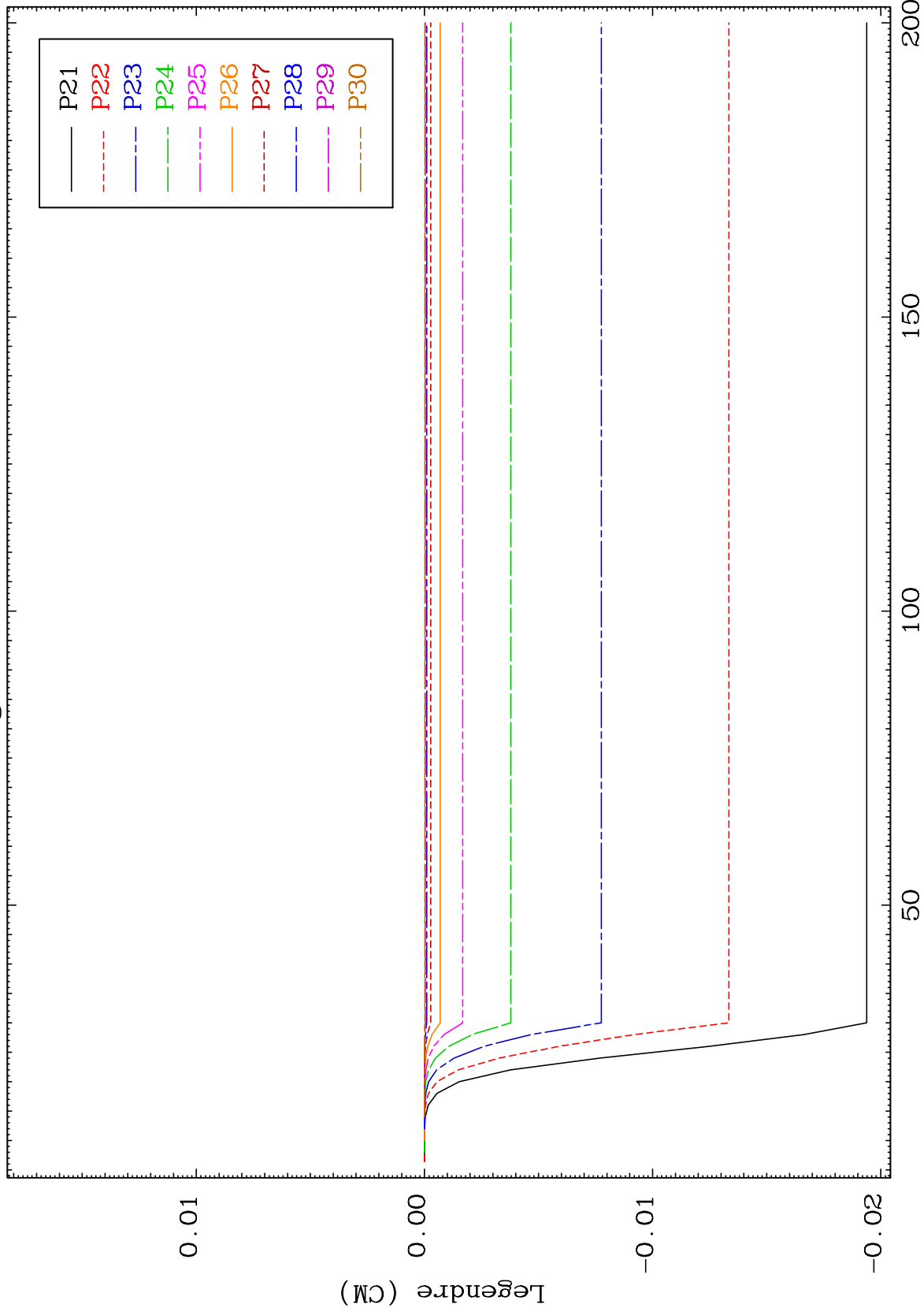




MAT 8110

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

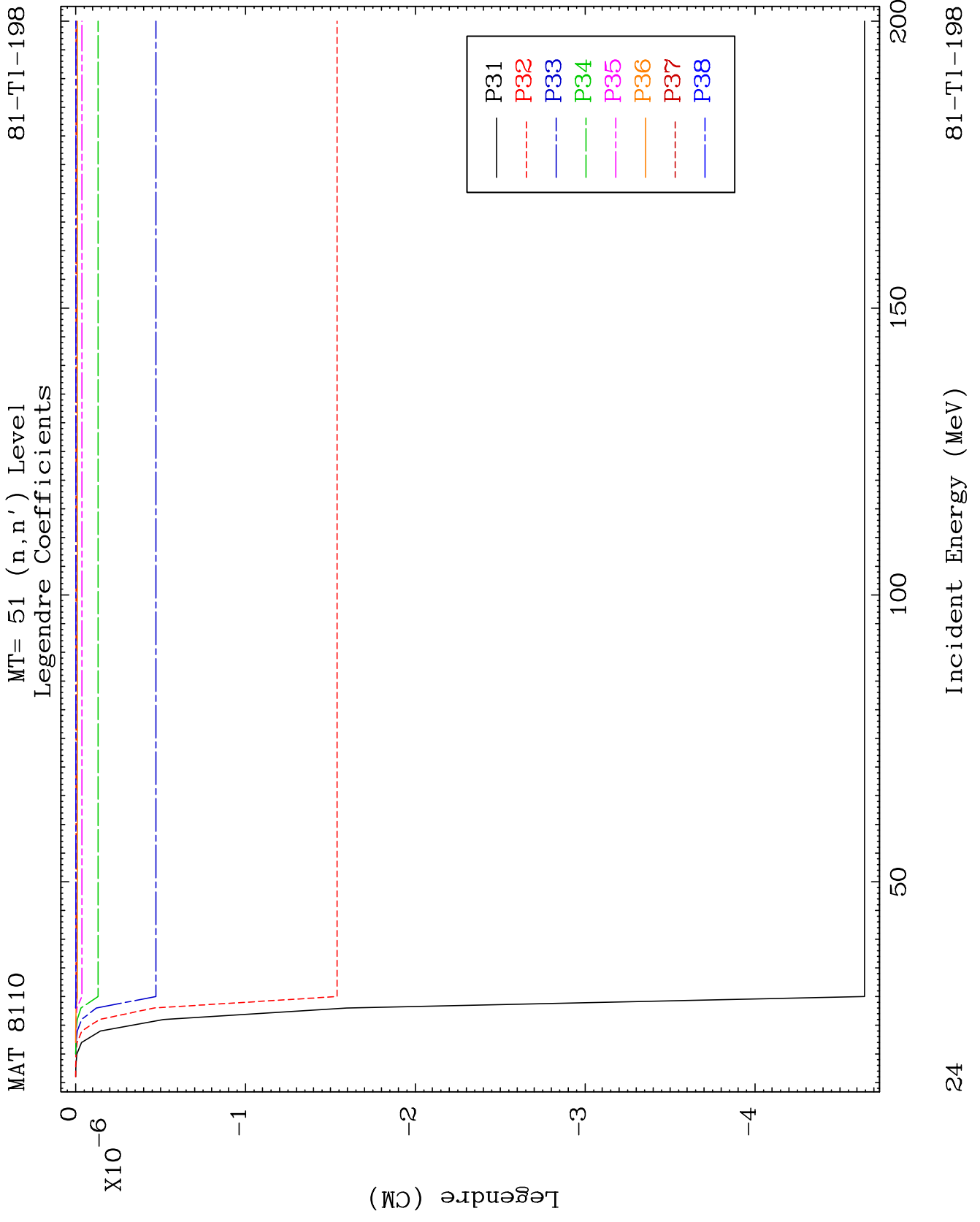
81-T1-198

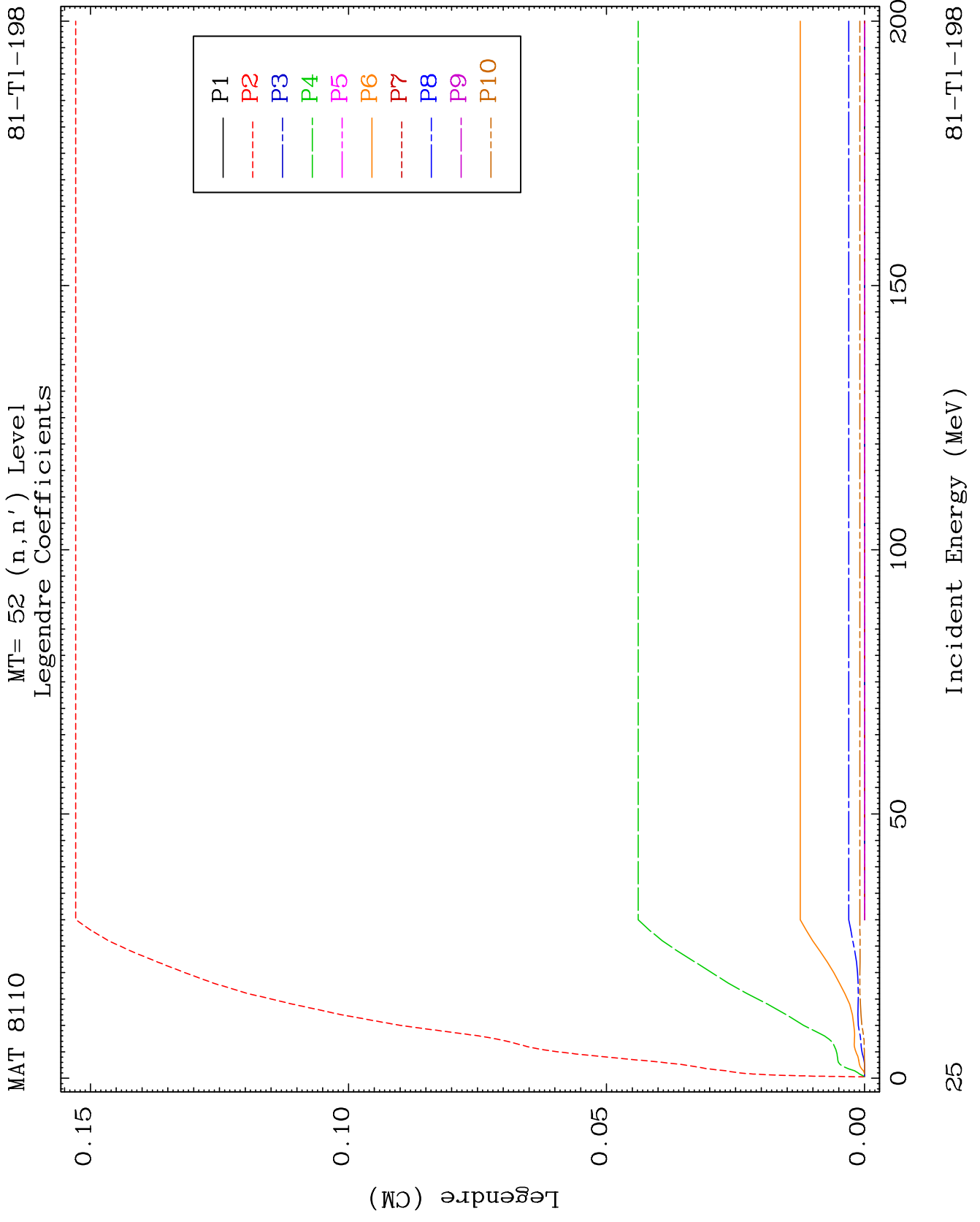


23

Incident Energy (MeV)

81-T1-198

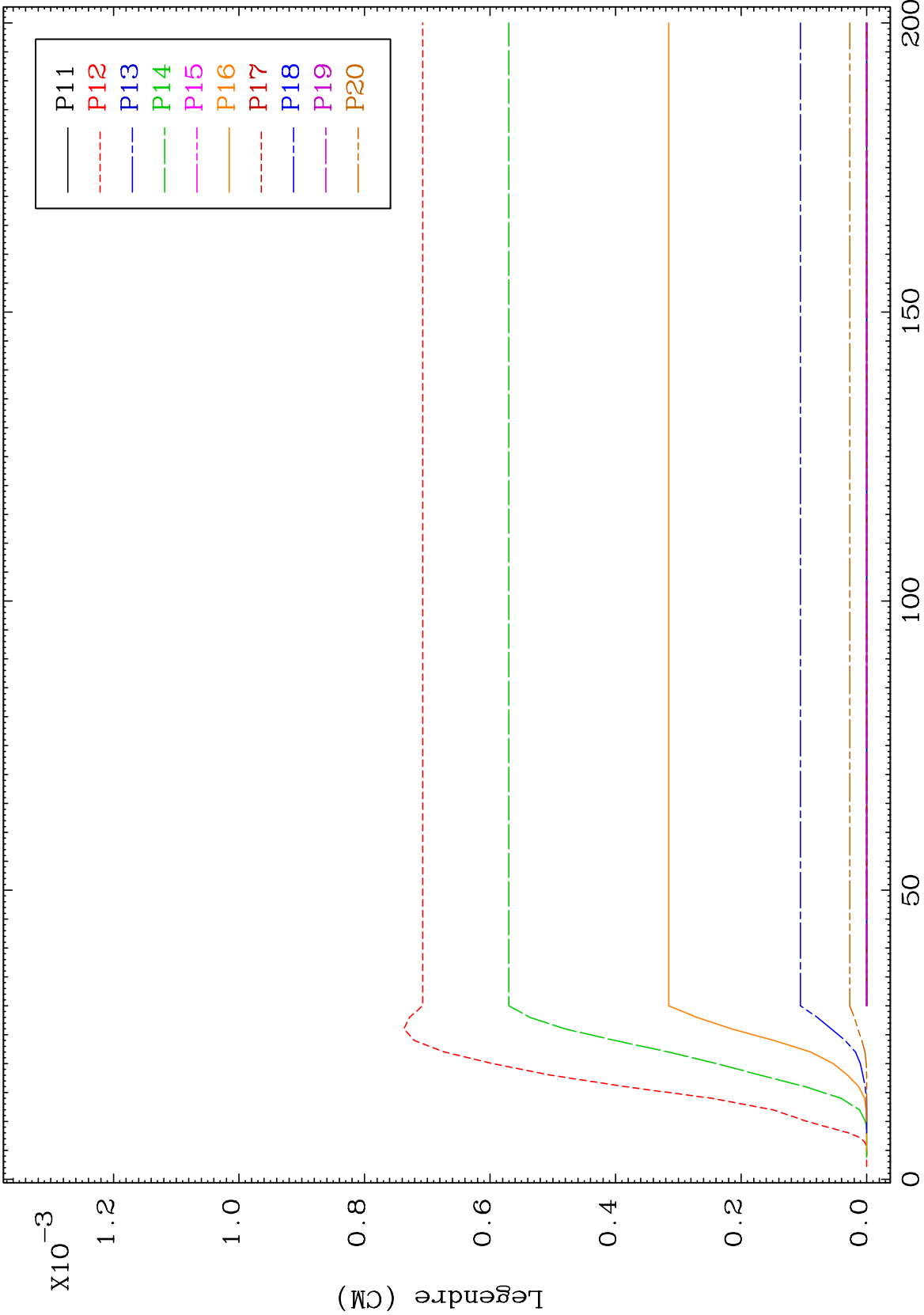




MAT 8110

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

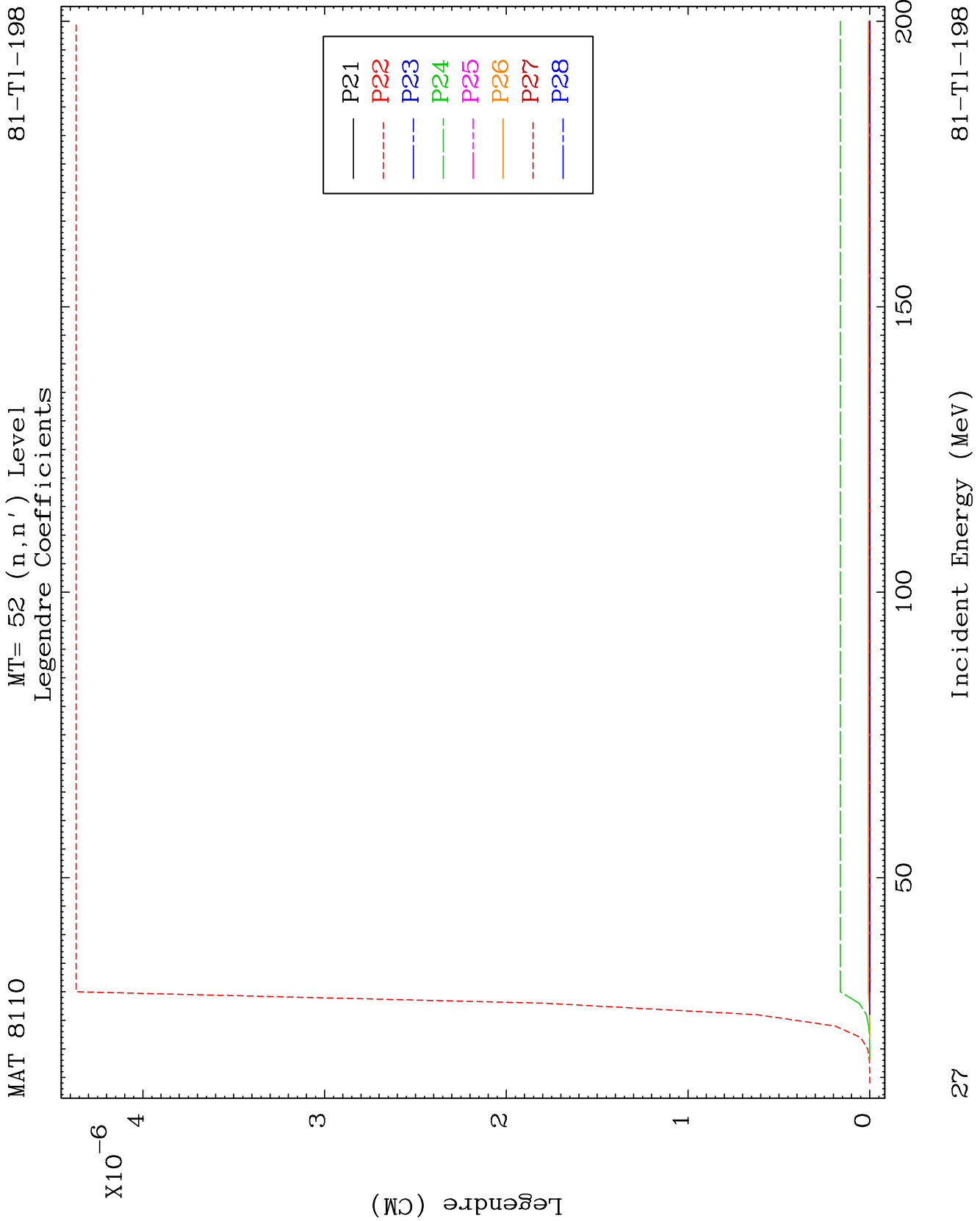
81-Tl-198

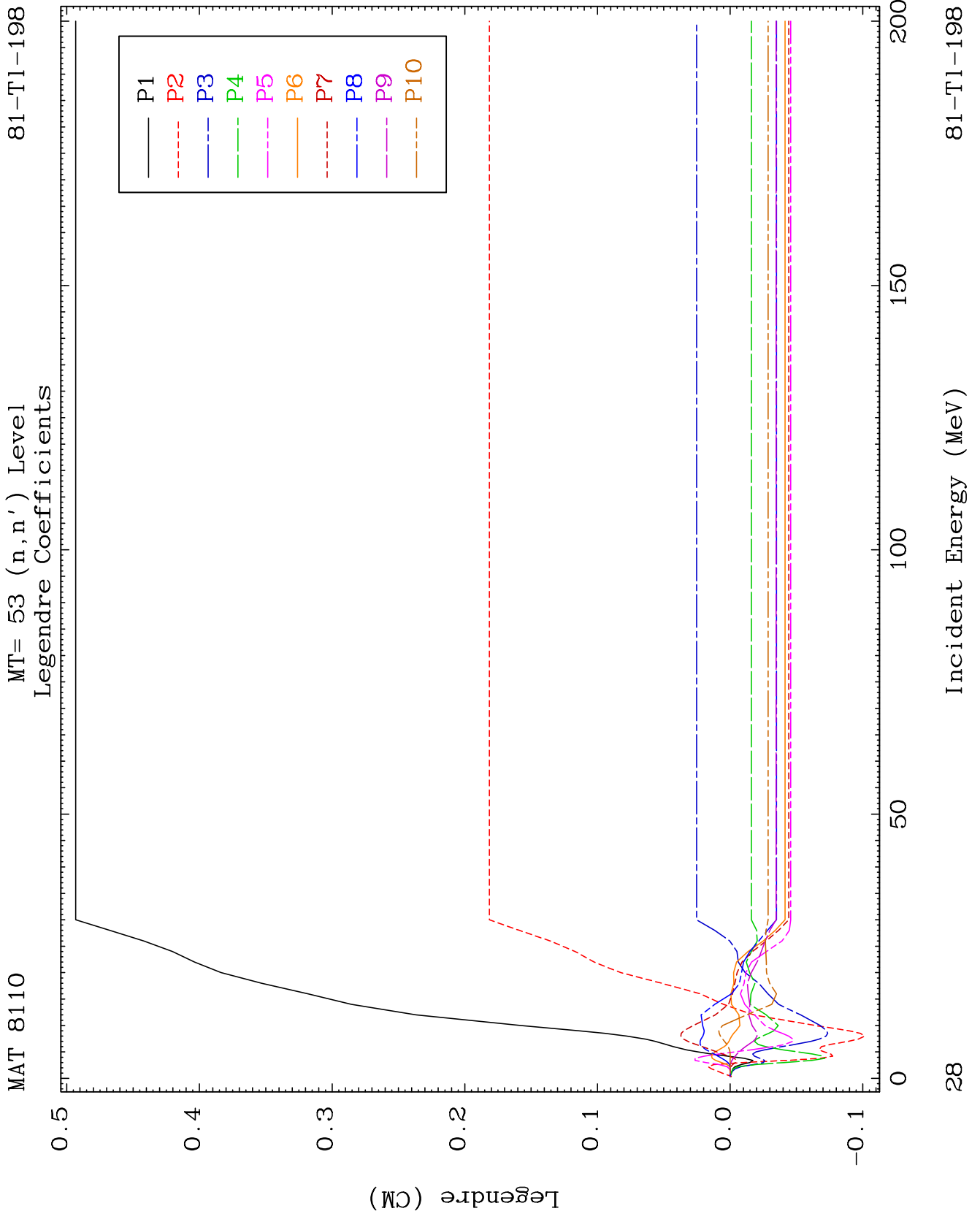


26

Incident Energy (MeV)

81-Tl-198

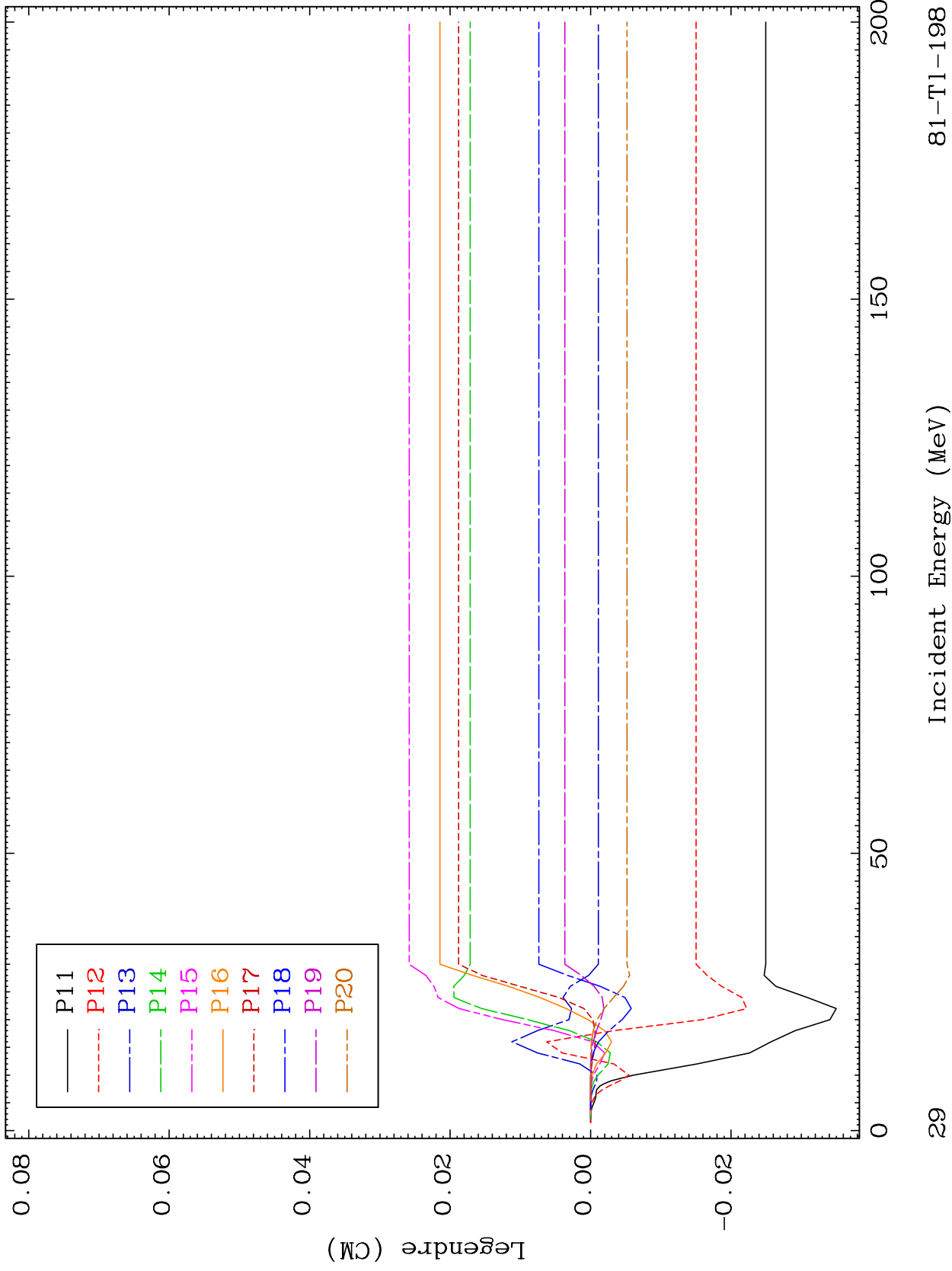




MAT 8110

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

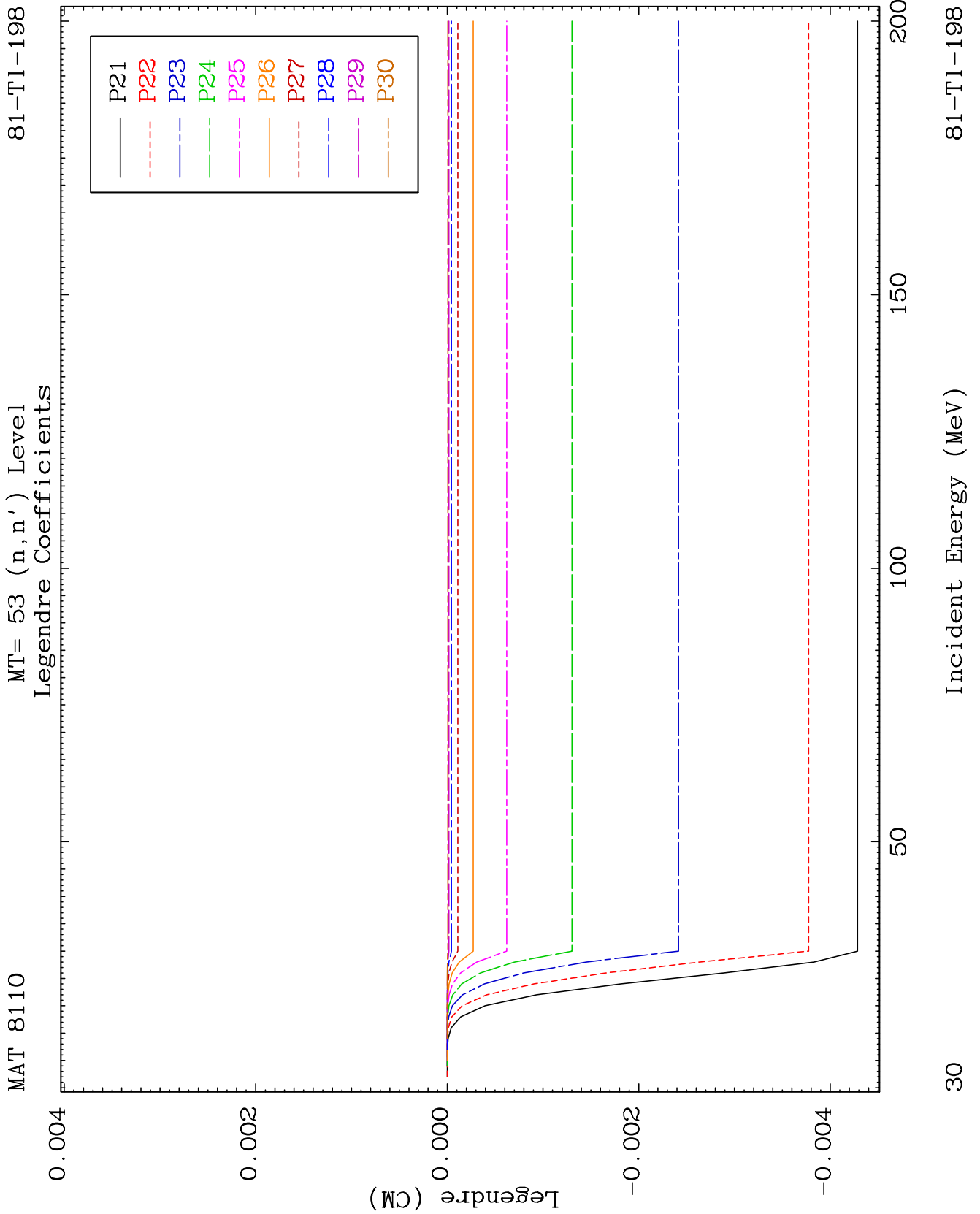
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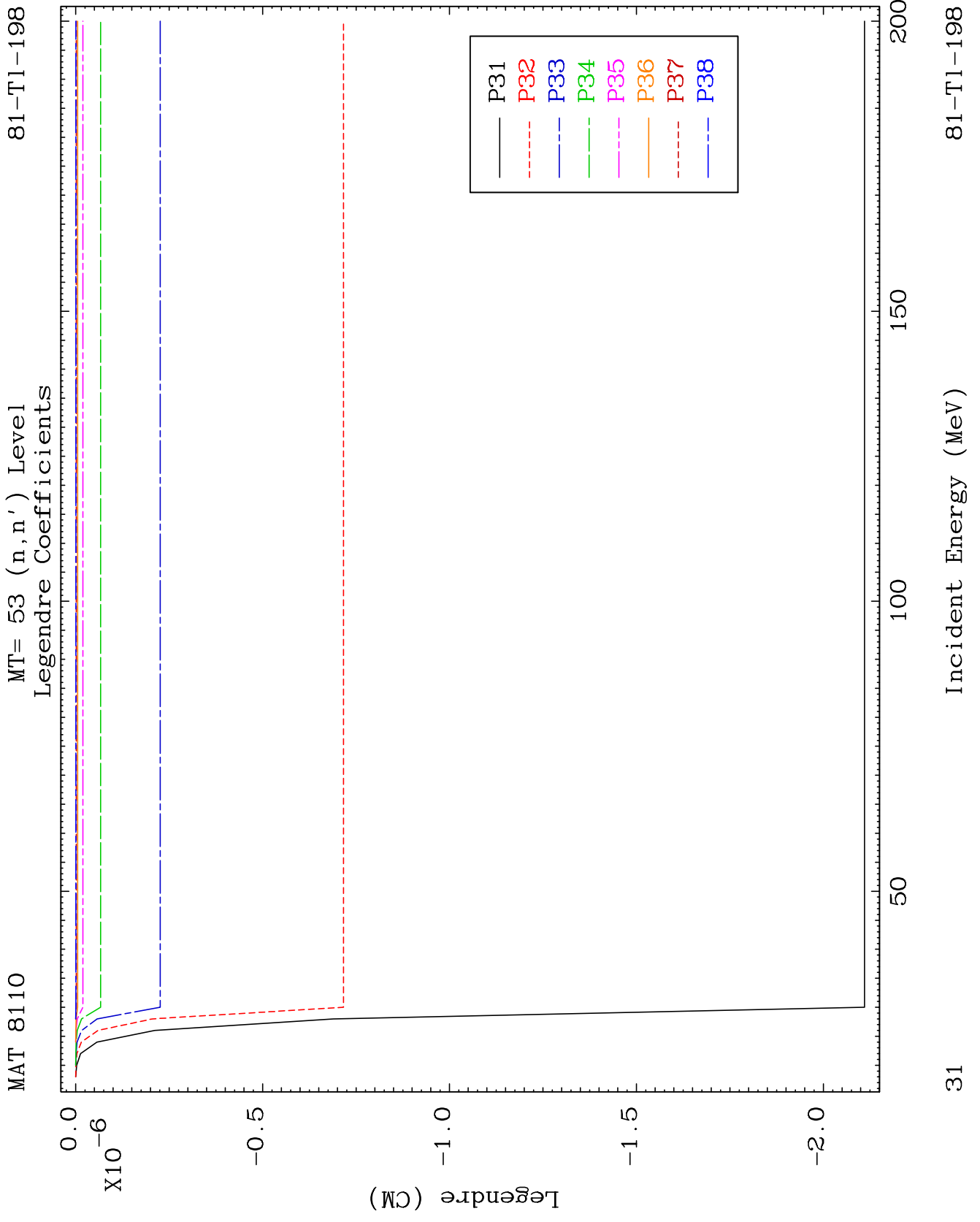


29

Incident Energy (MeV)

81-T1-198

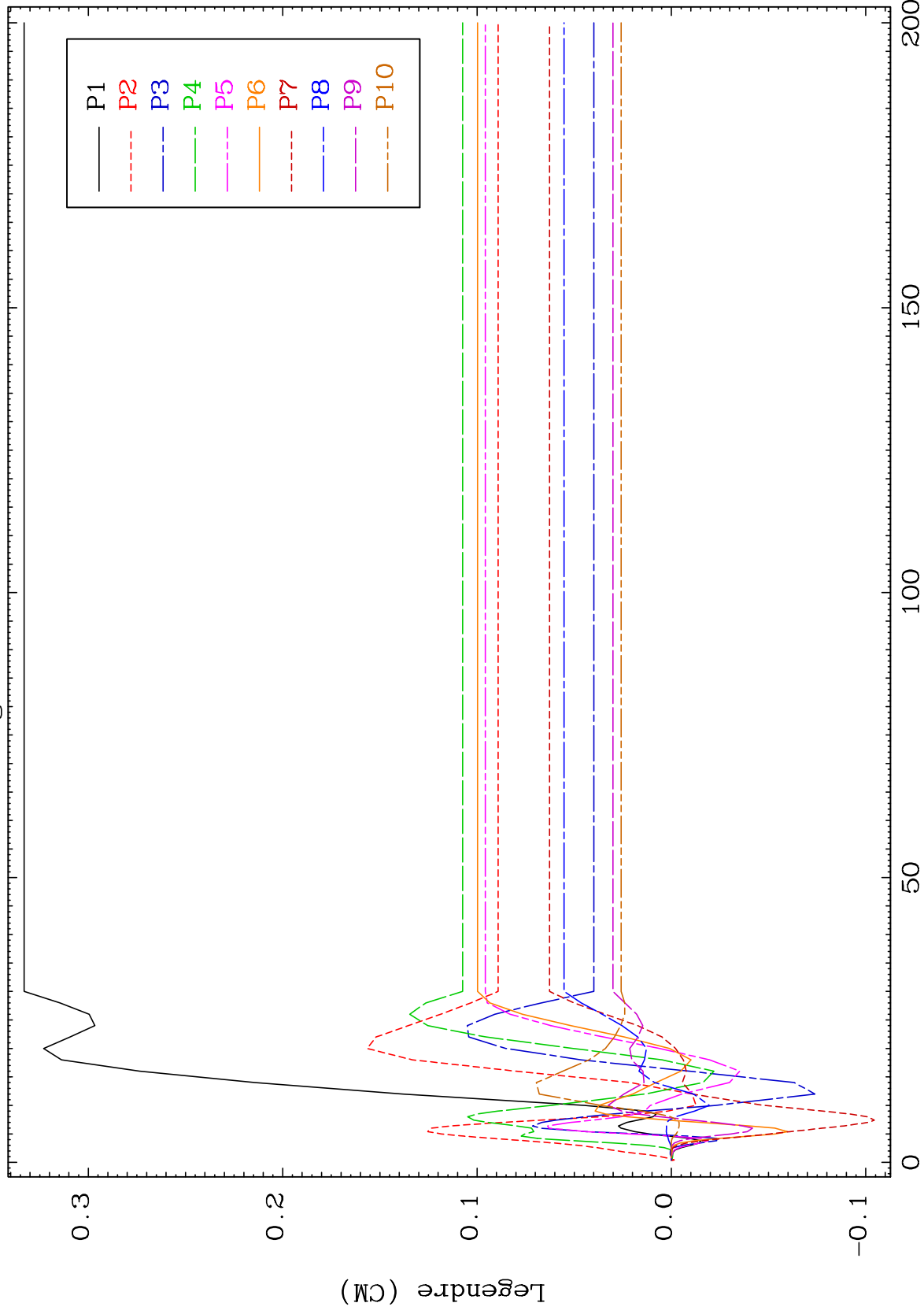




MAT 8110

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

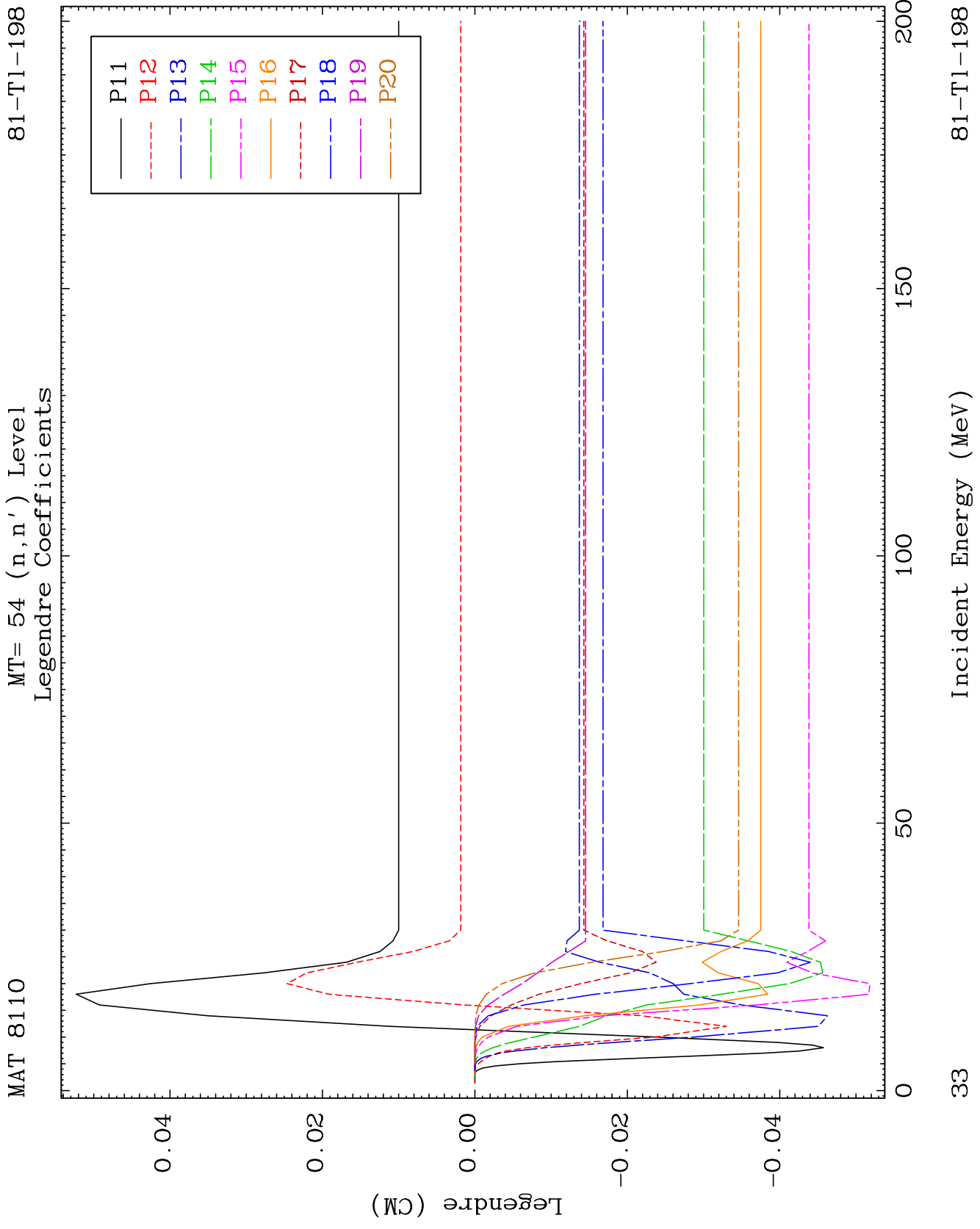
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32

Incident Energy (MeV)

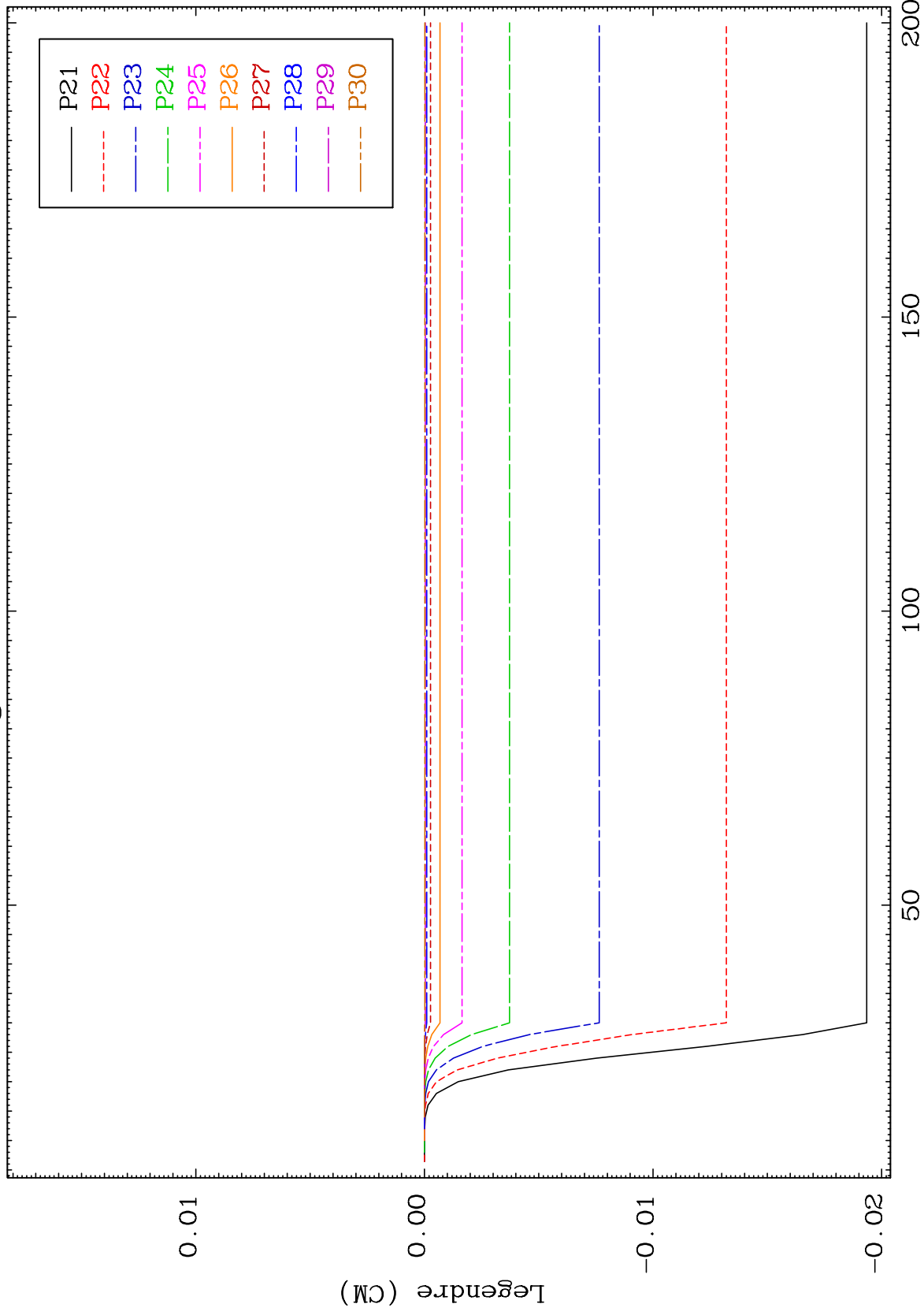
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MAT 8110

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

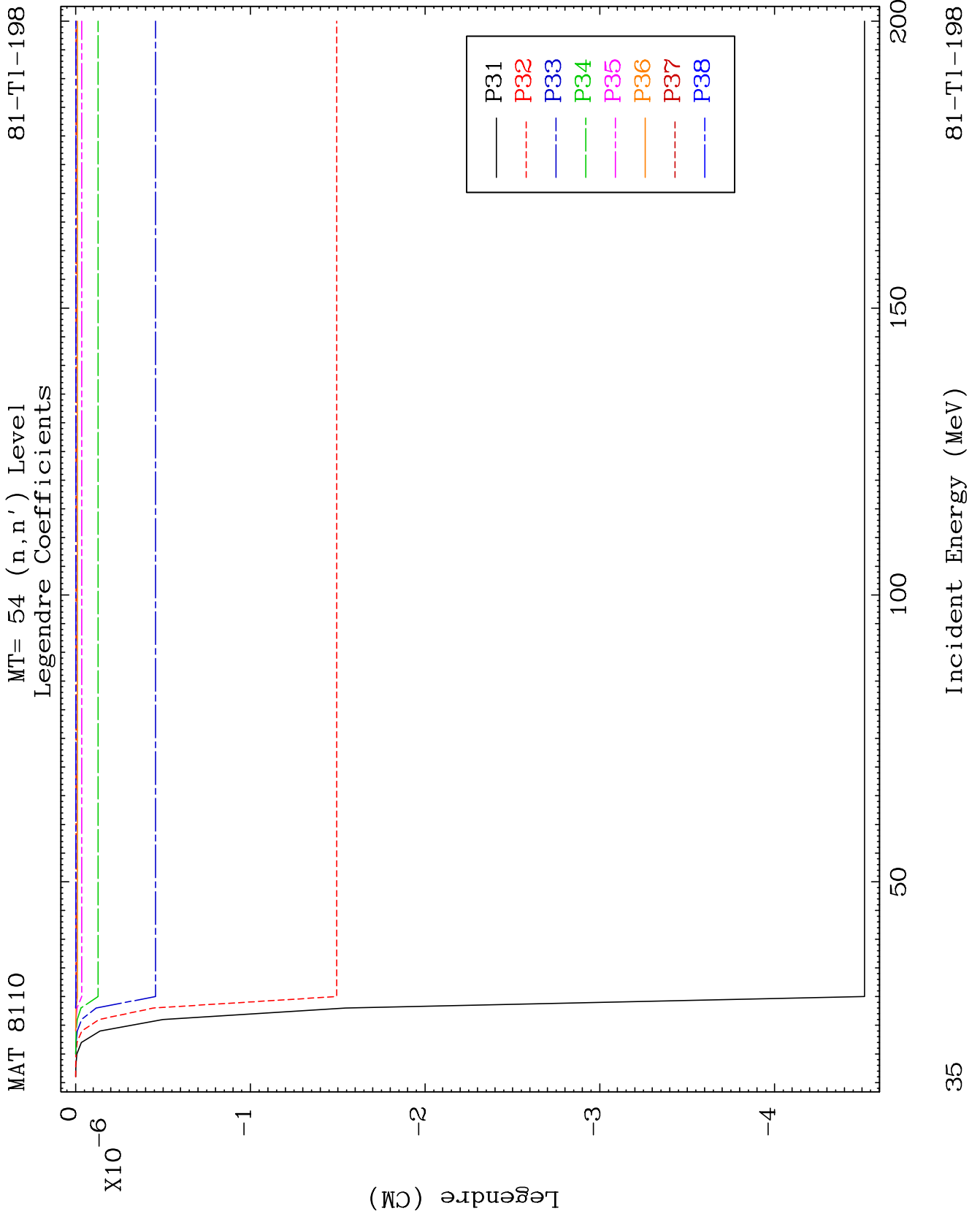
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34

Incident Energy (MeV)

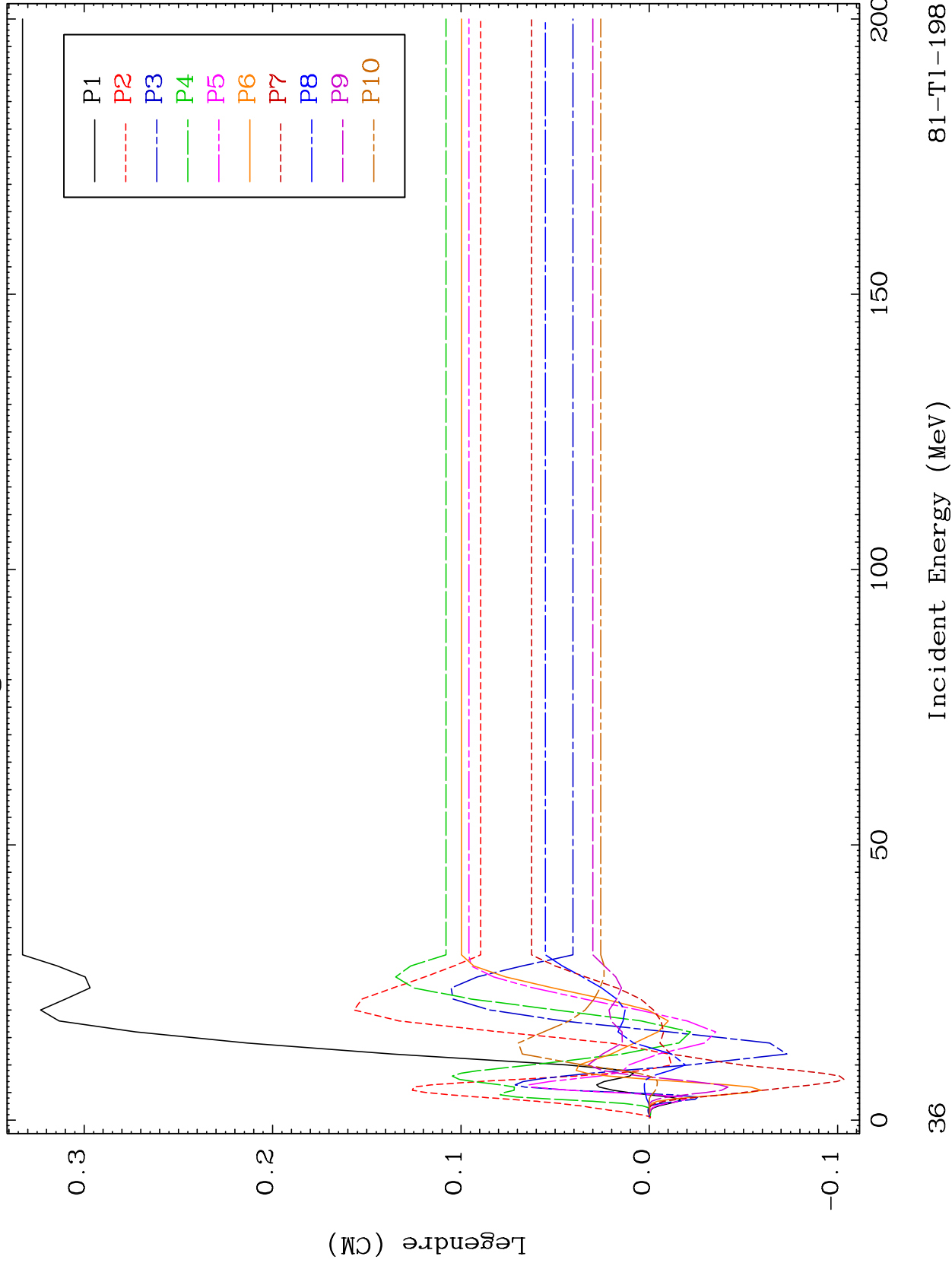
81-T1-198



MAT 8110

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

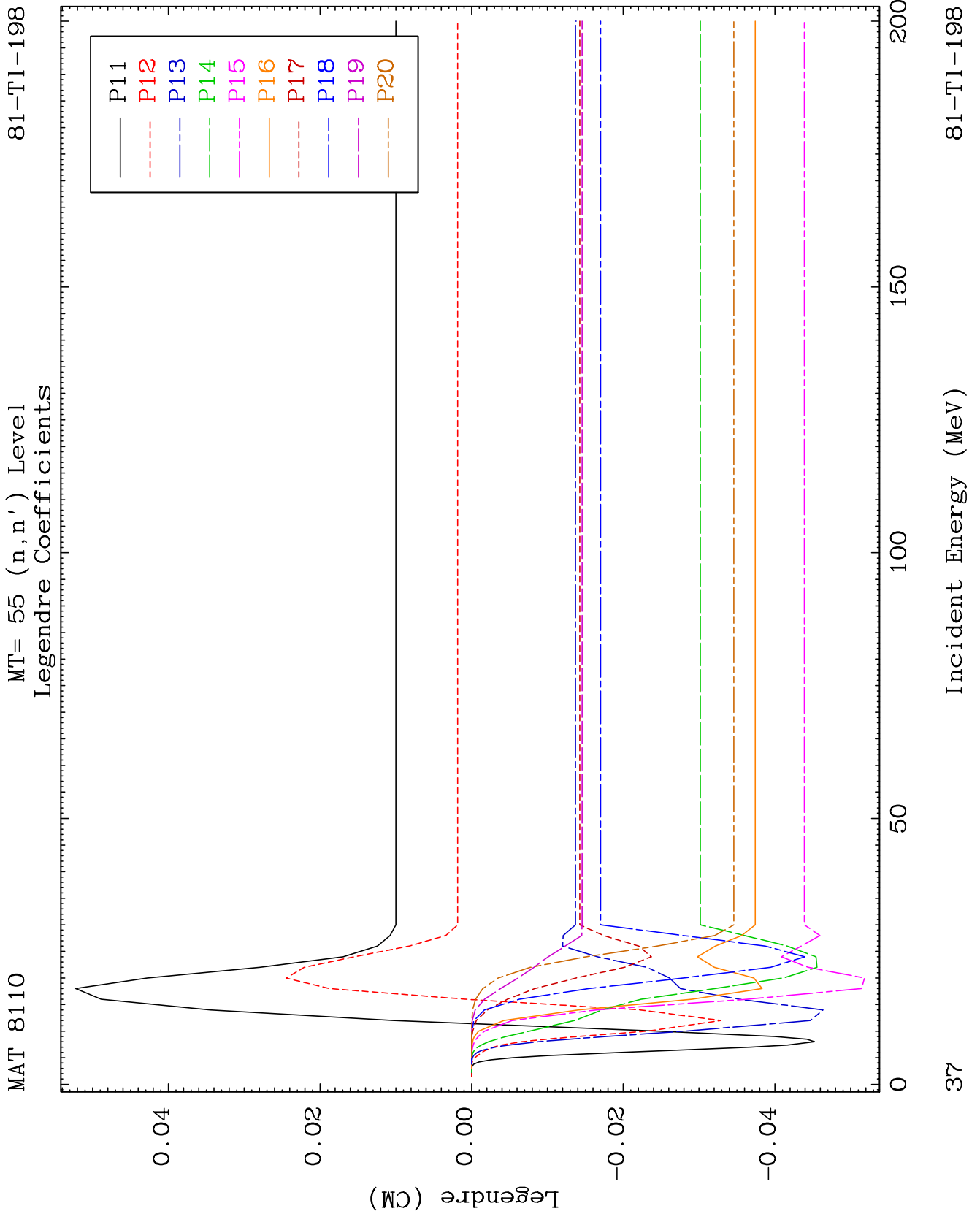
81-Tl-198



81-Tl-198

Incident Energy (MeV)

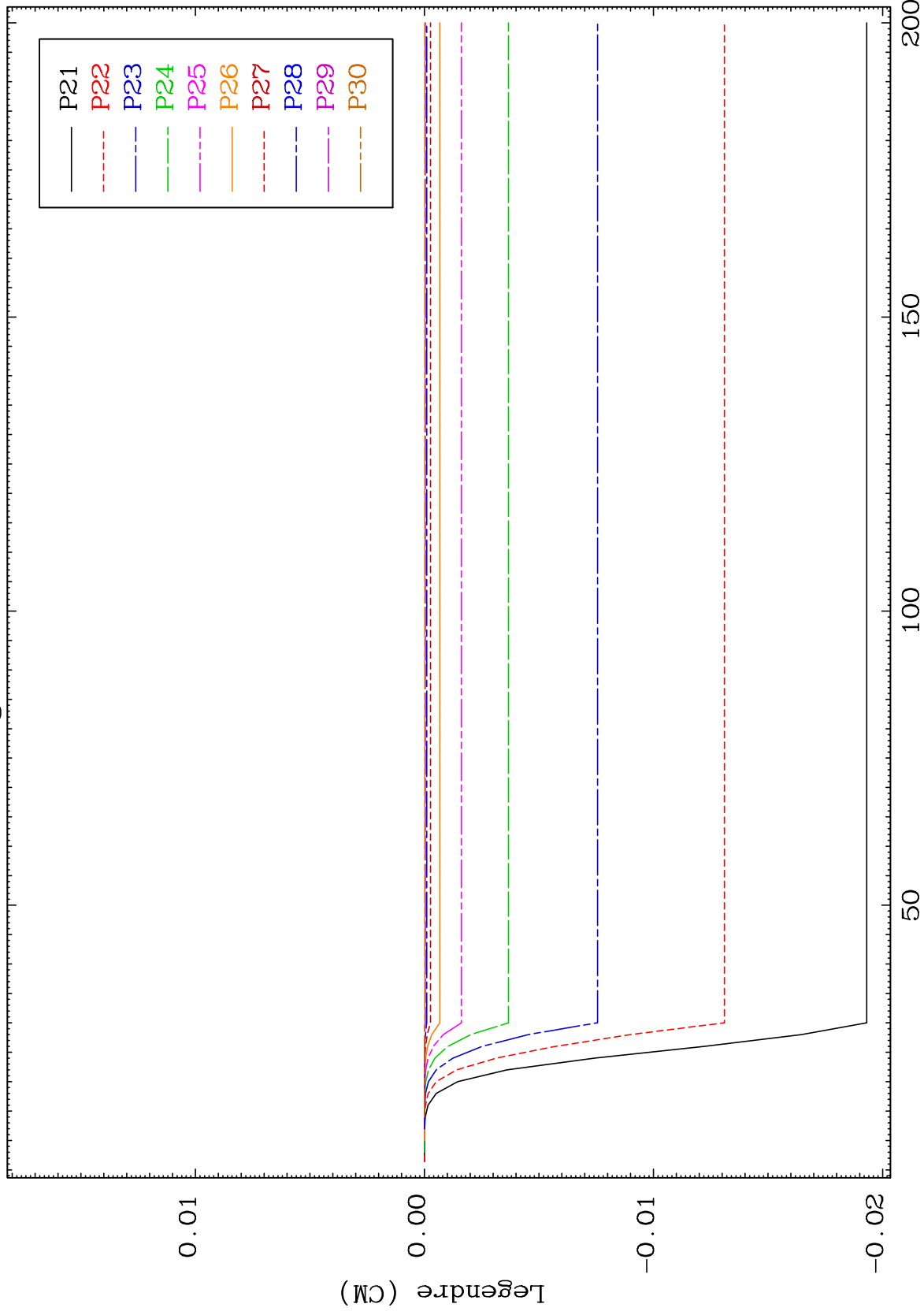
36



MAT 8110

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

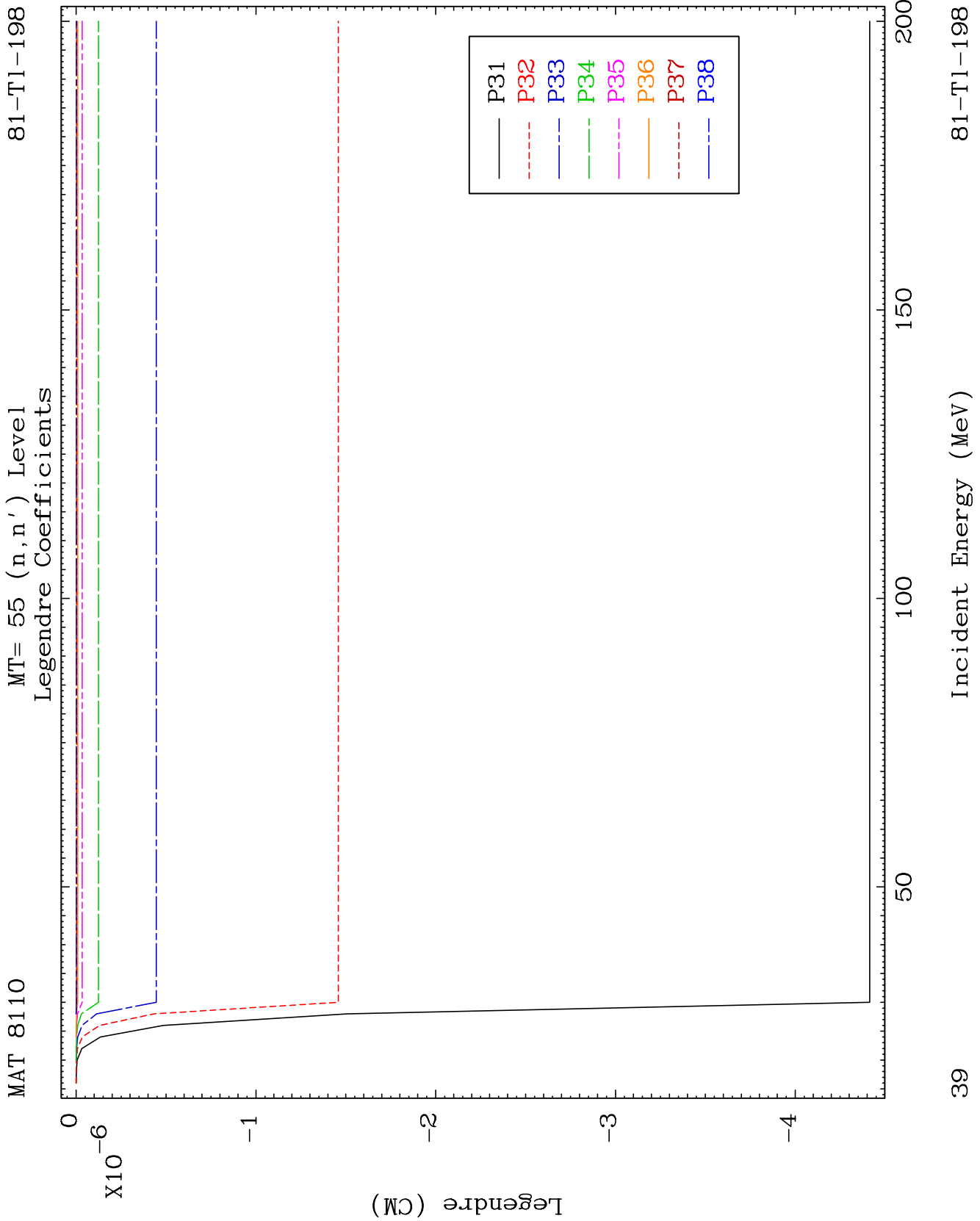
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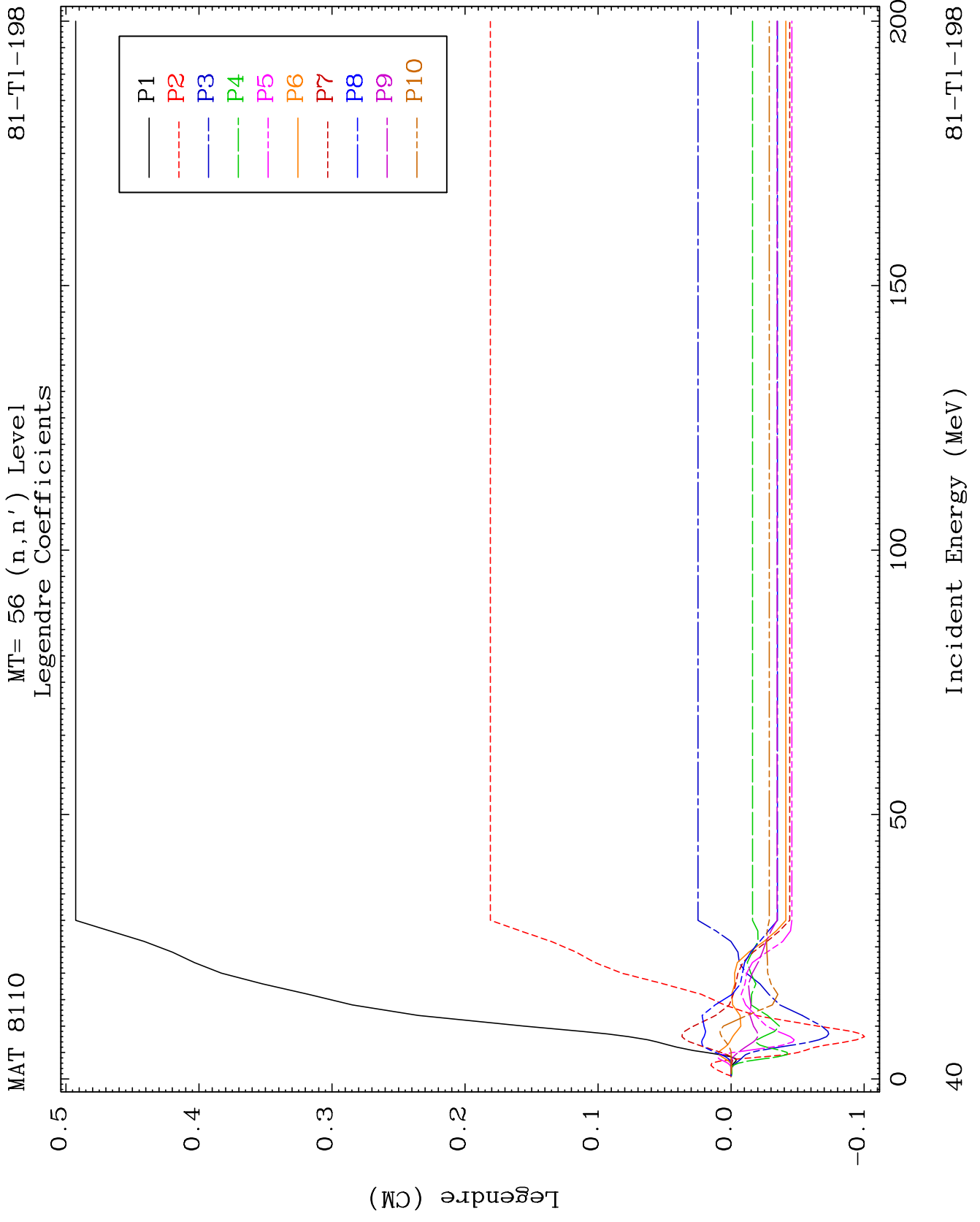


38

Incident Energy (MeV)

81-T1-198

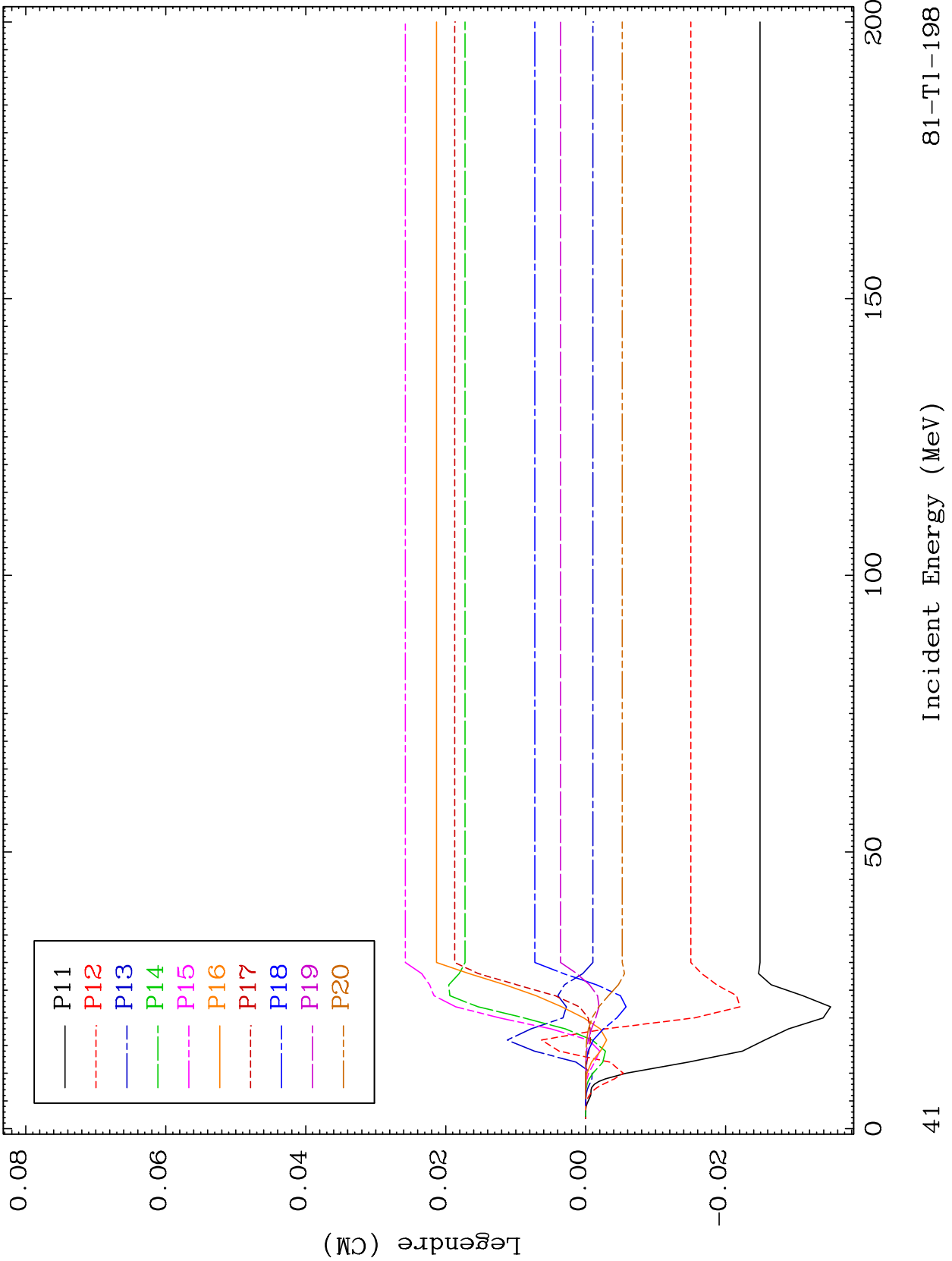


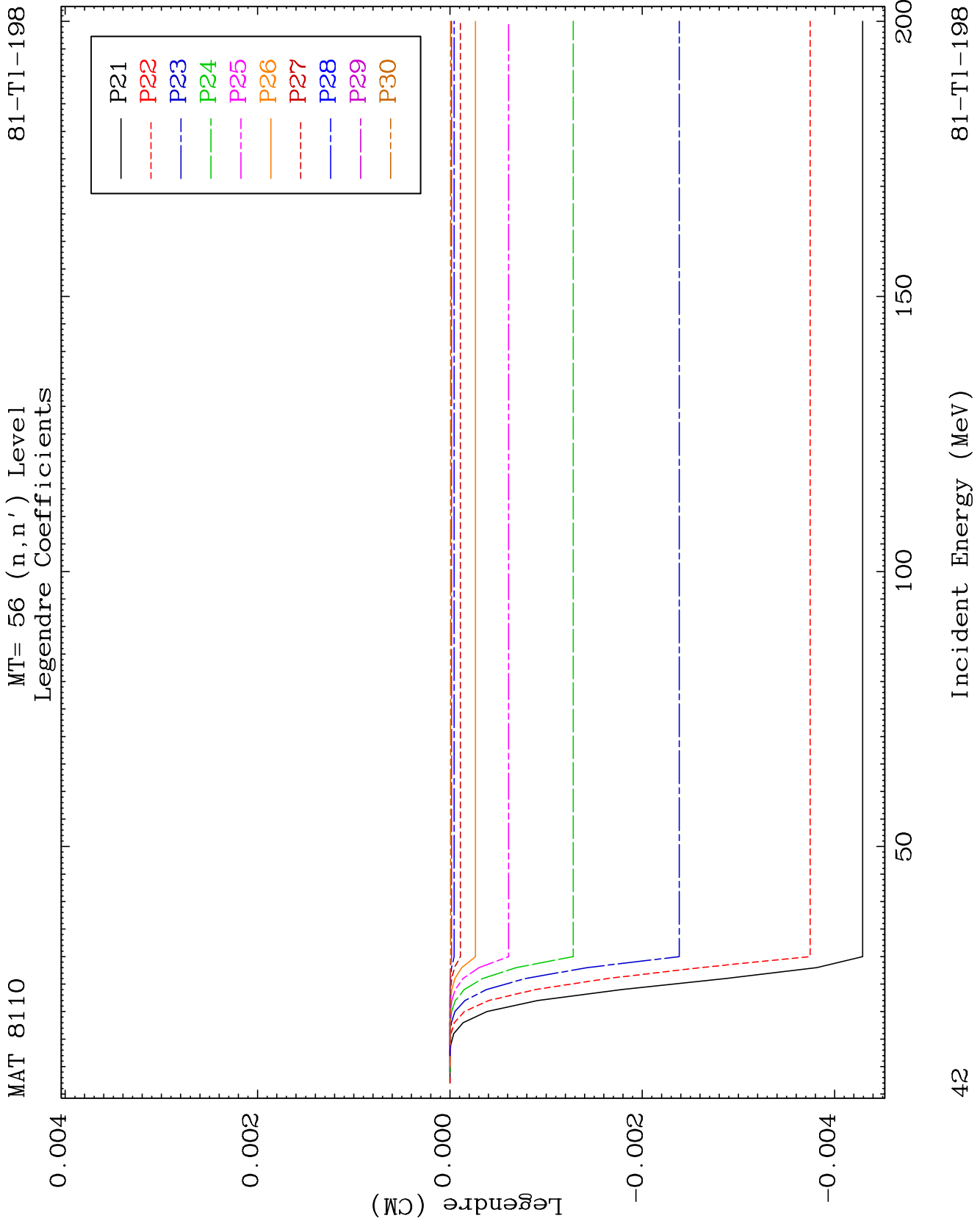


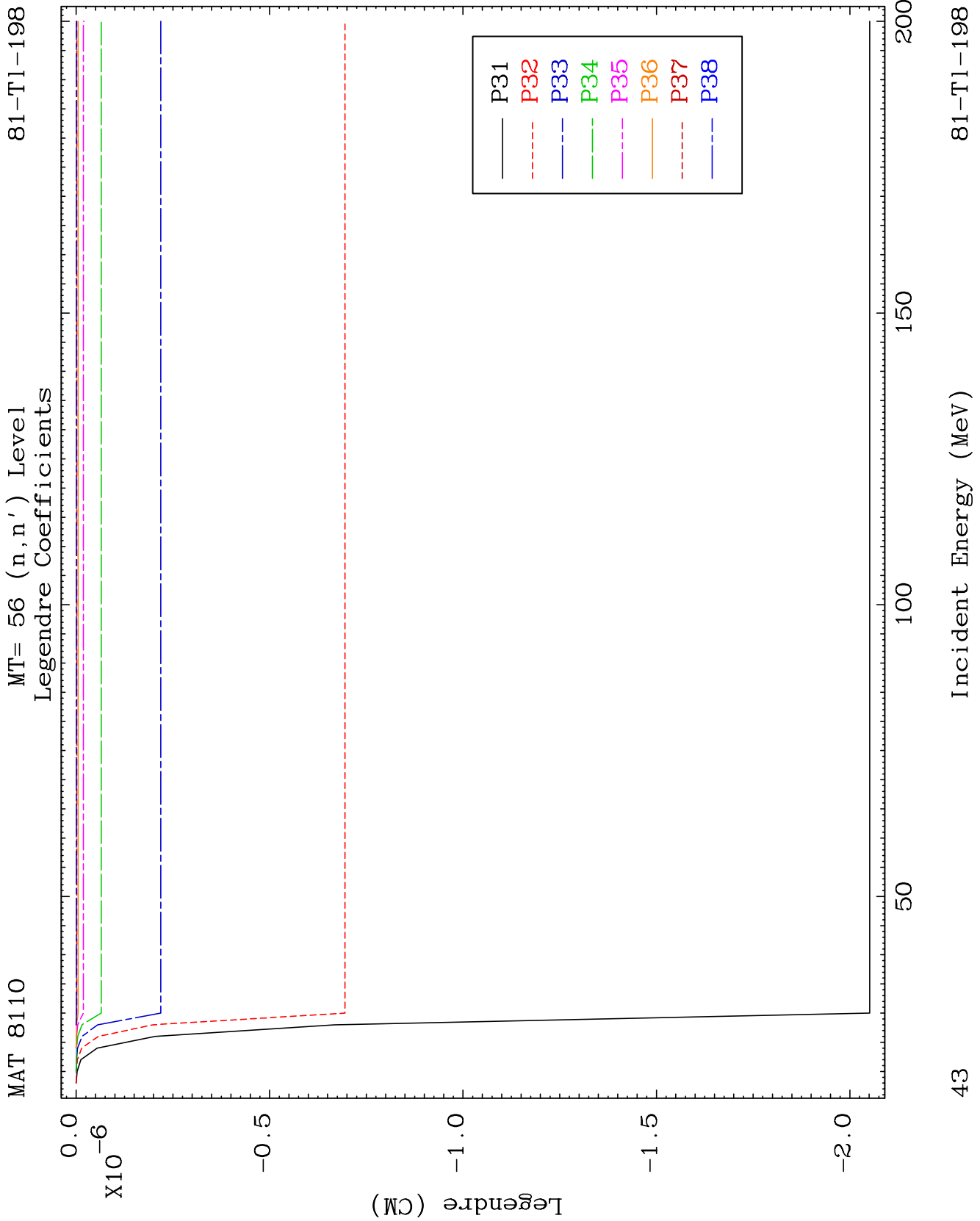
MAT 8110

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

81-T1-198



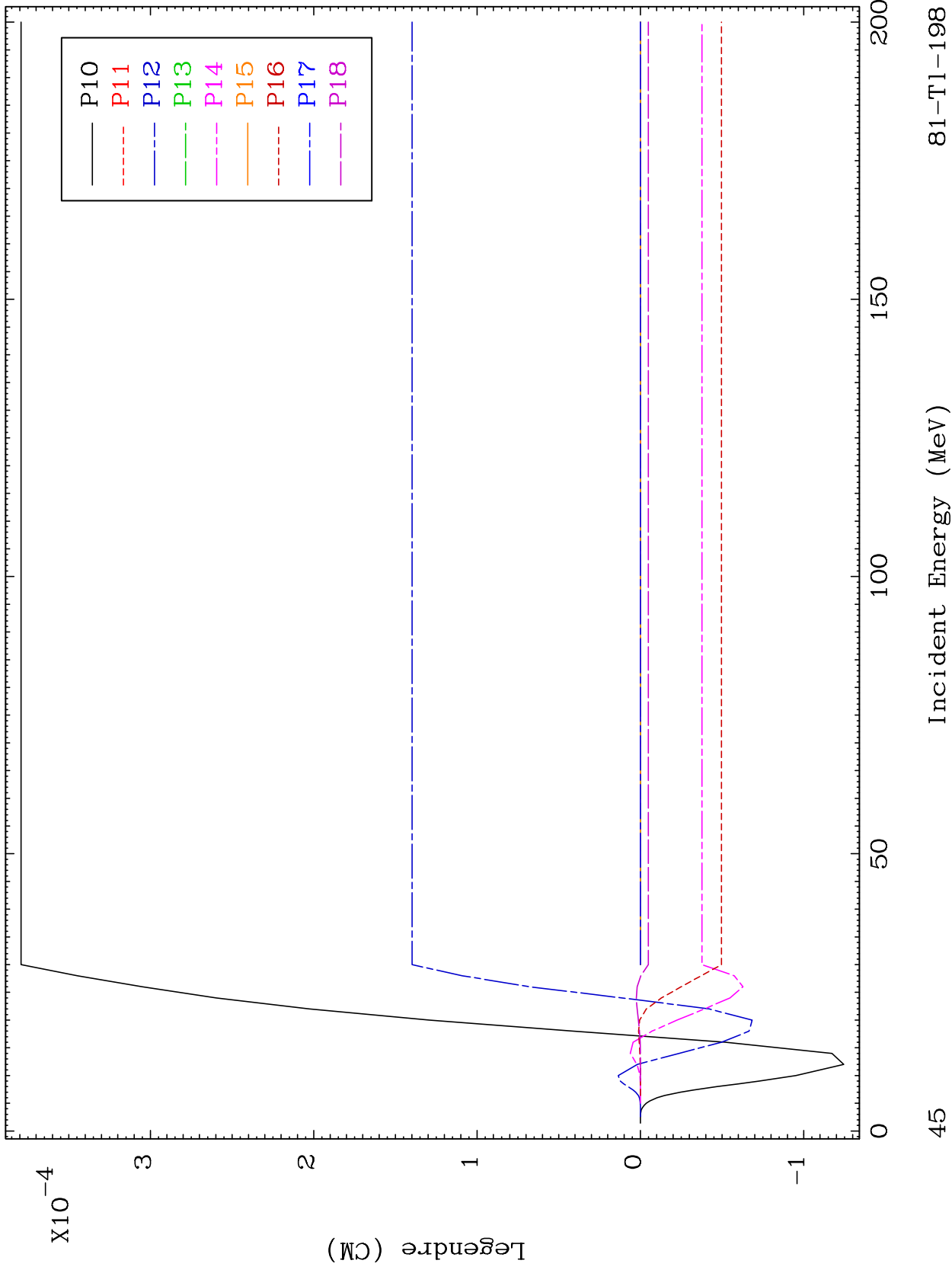




MAT 8110

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

81-T1-198



81-T1-198

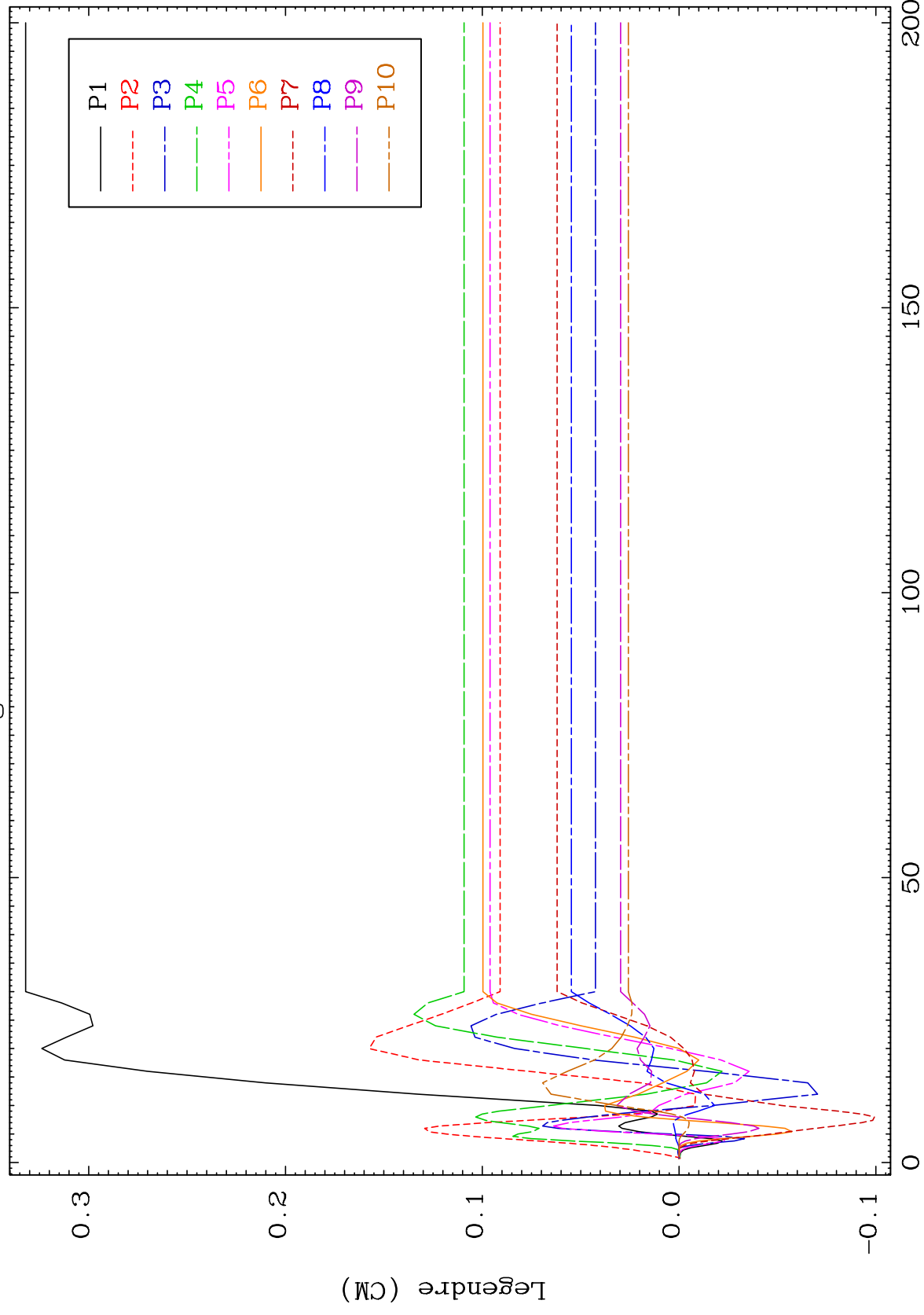
Incident Energy (MeV)

45

MAT 8110

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

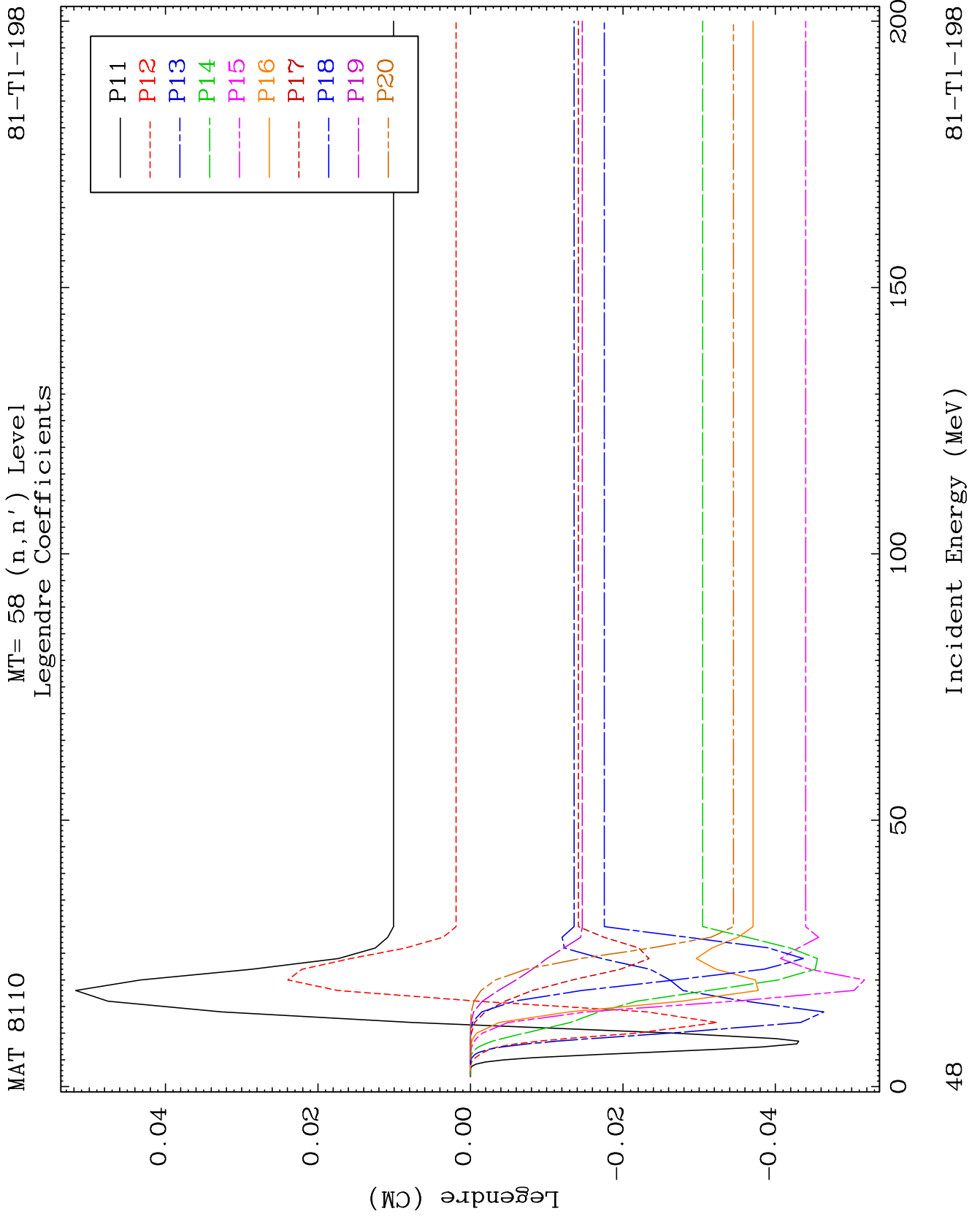
81-T1-198



47

Incident Energy (MeV)

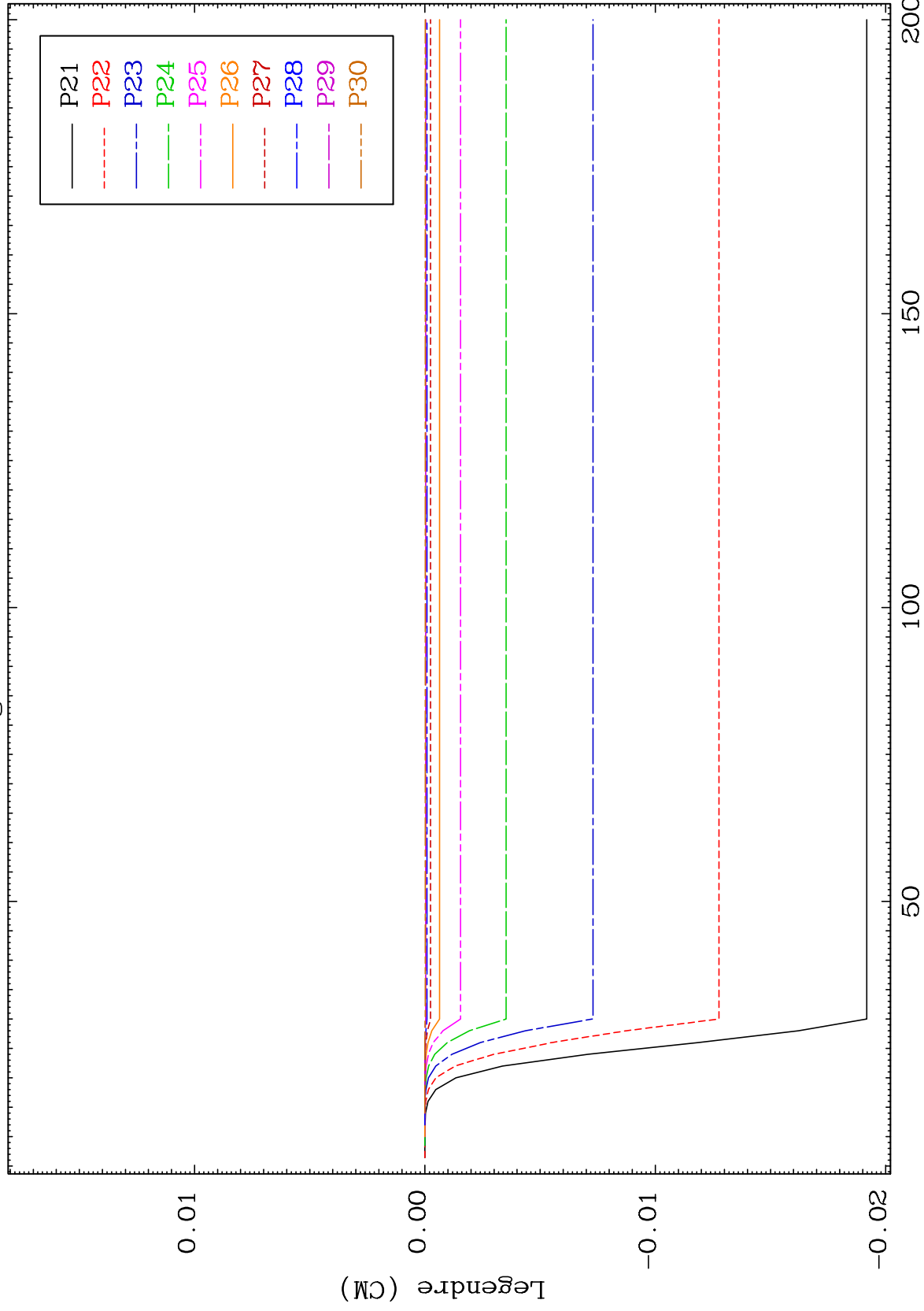
81-T1-198



MAT 8110

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

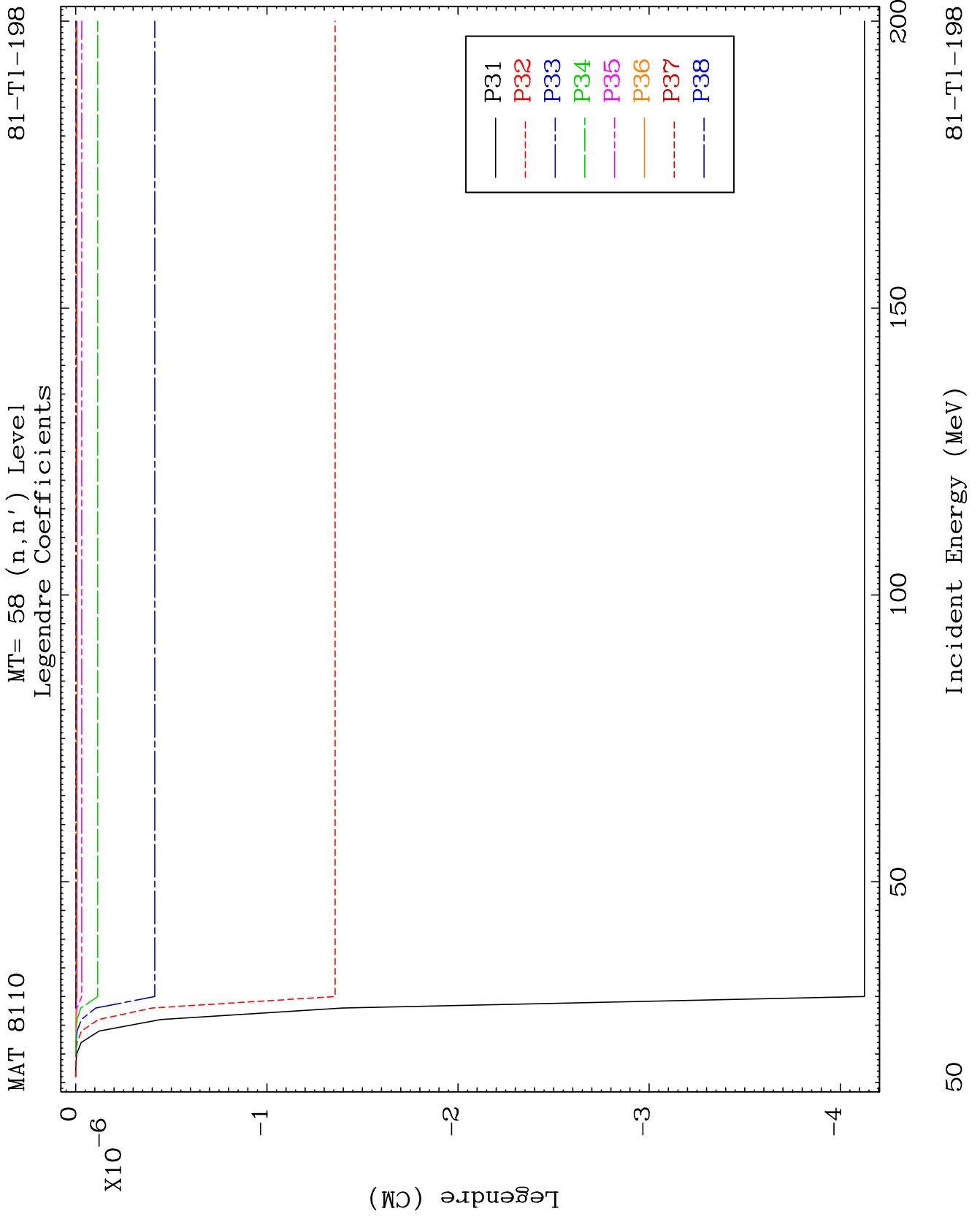
81-T1-198



49

Incident Energy (MeV)

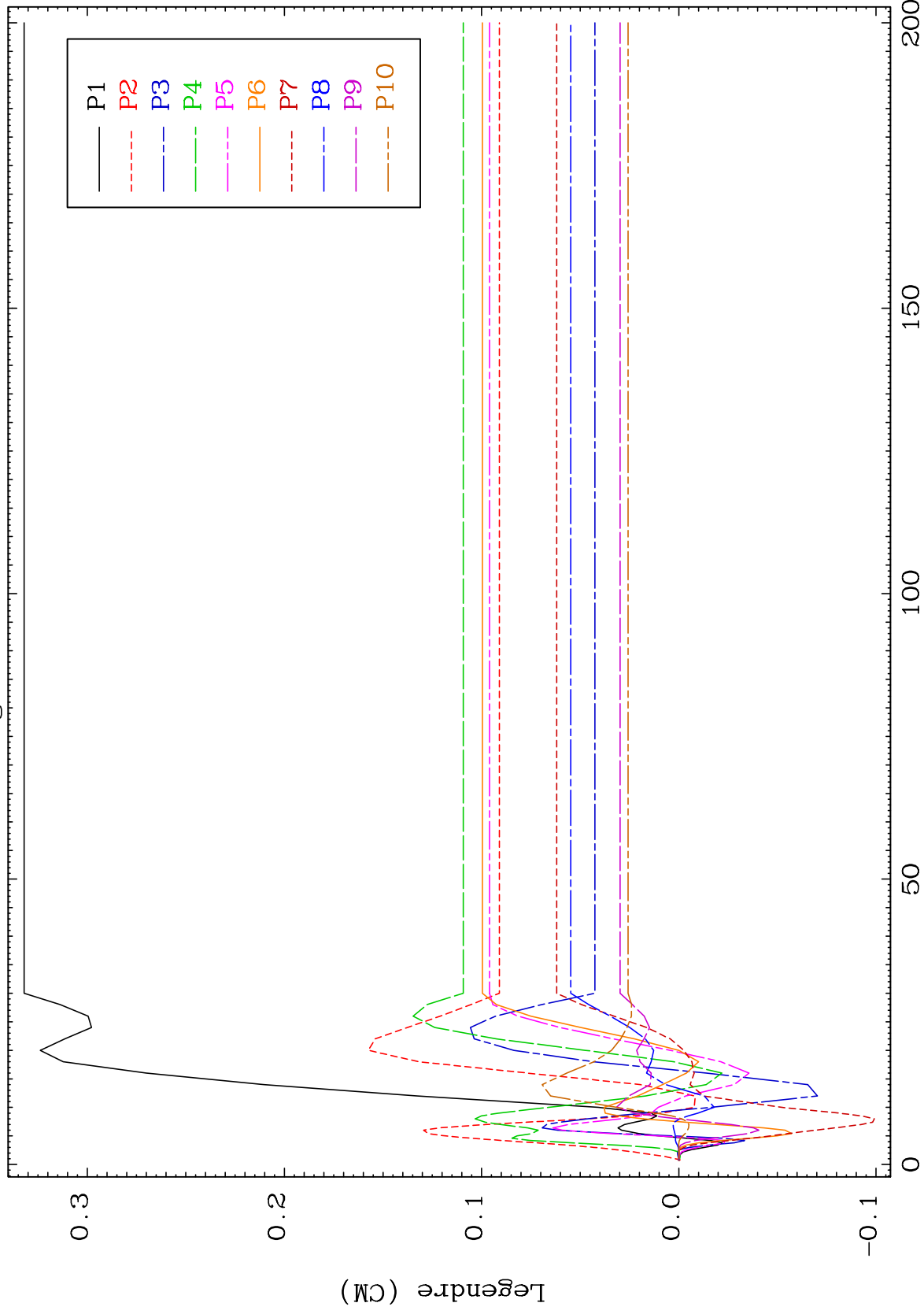
81-T1-198



MAT 8110

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

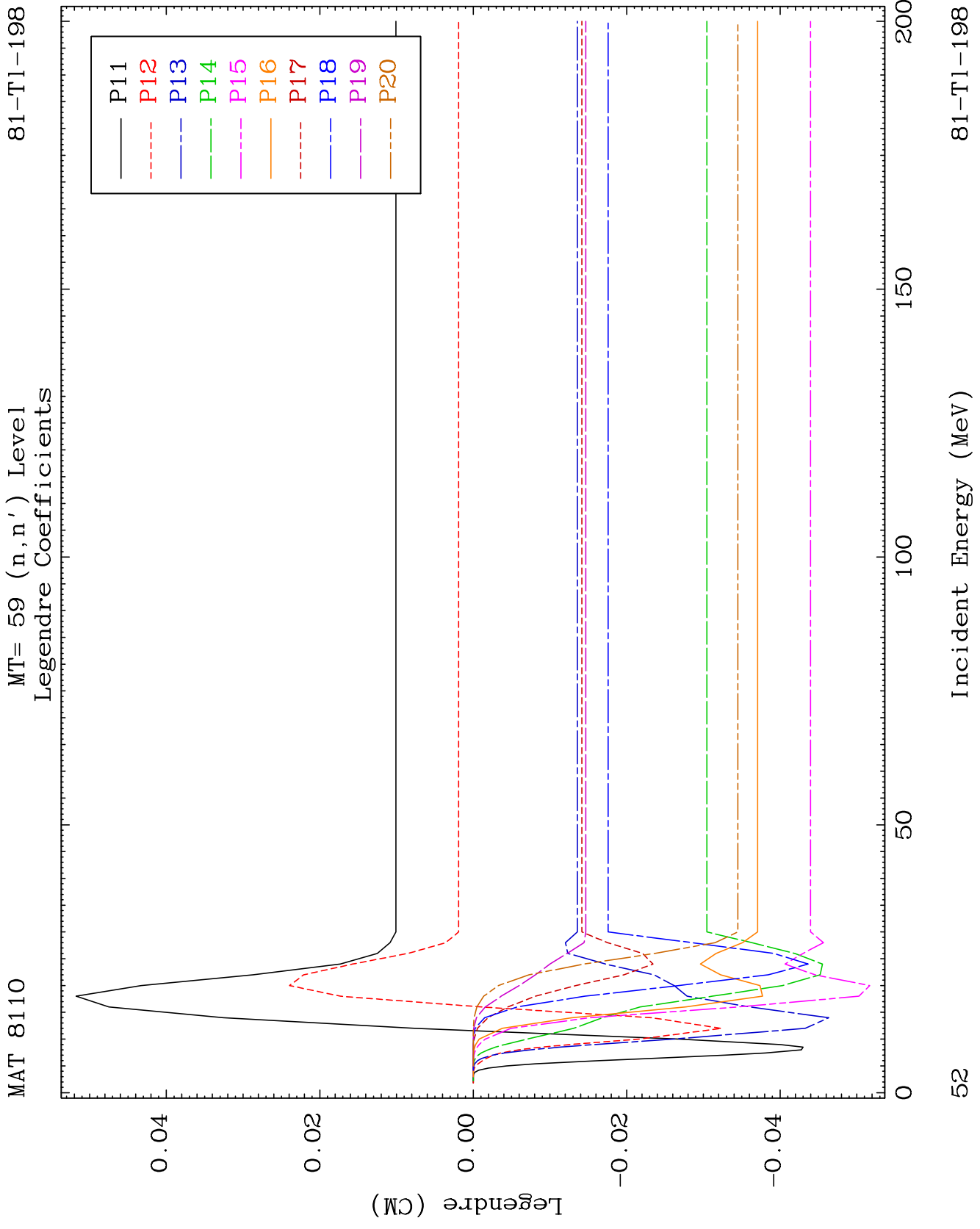
81-T1-198



51

Incident Energy (MeV)

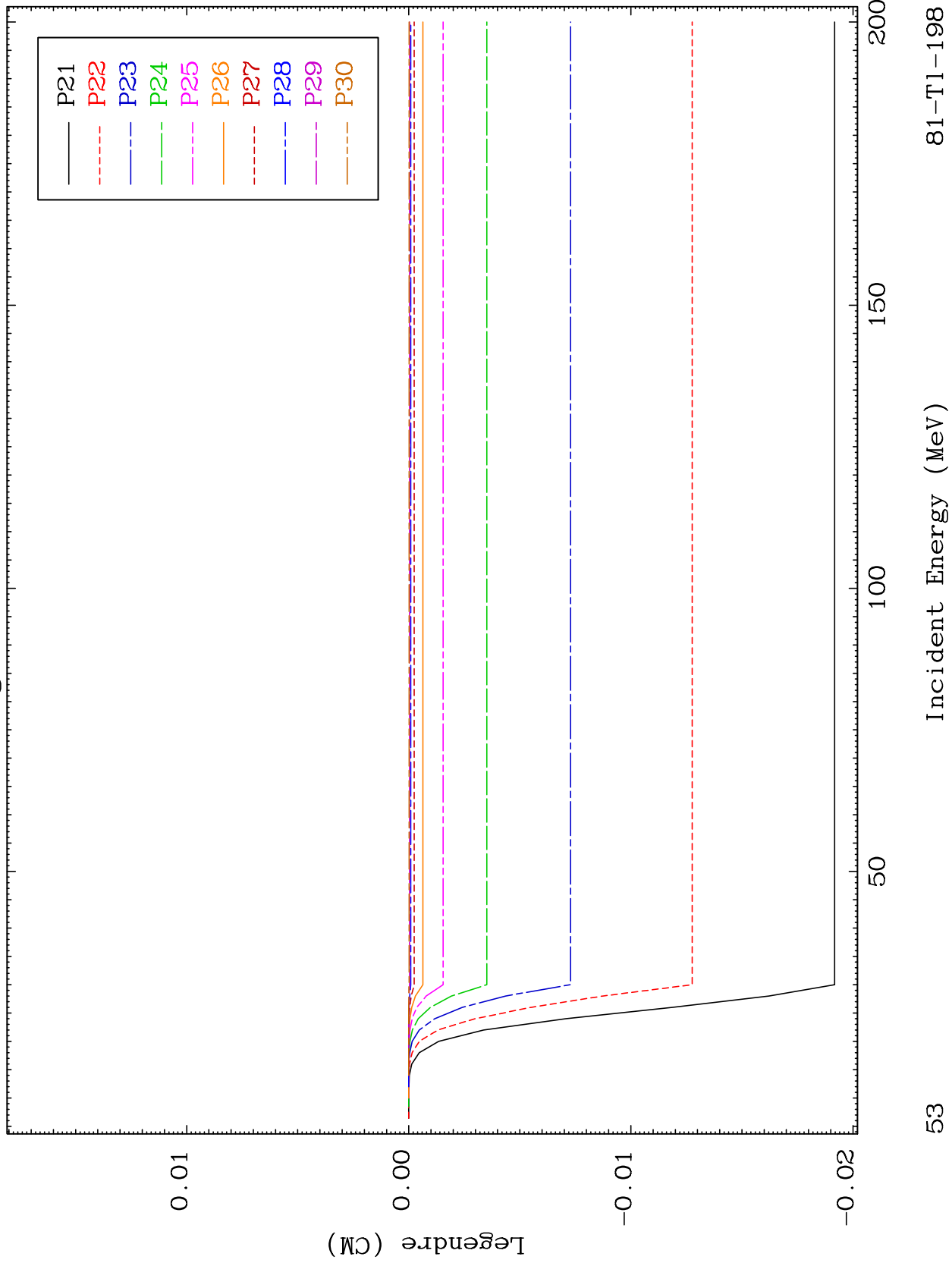
81-T1-198



MAT 8110

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

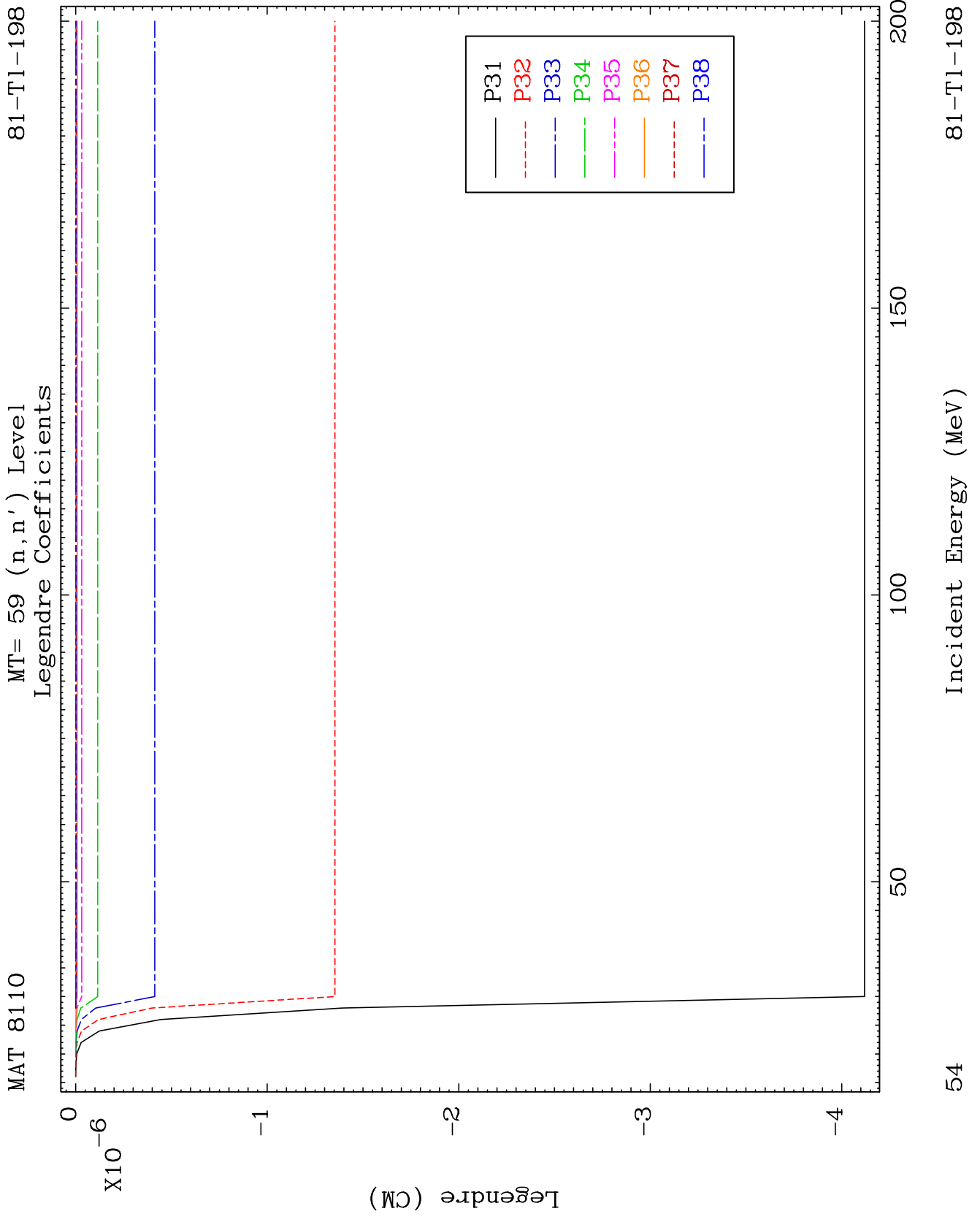
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53

Incident Energy (MeV)

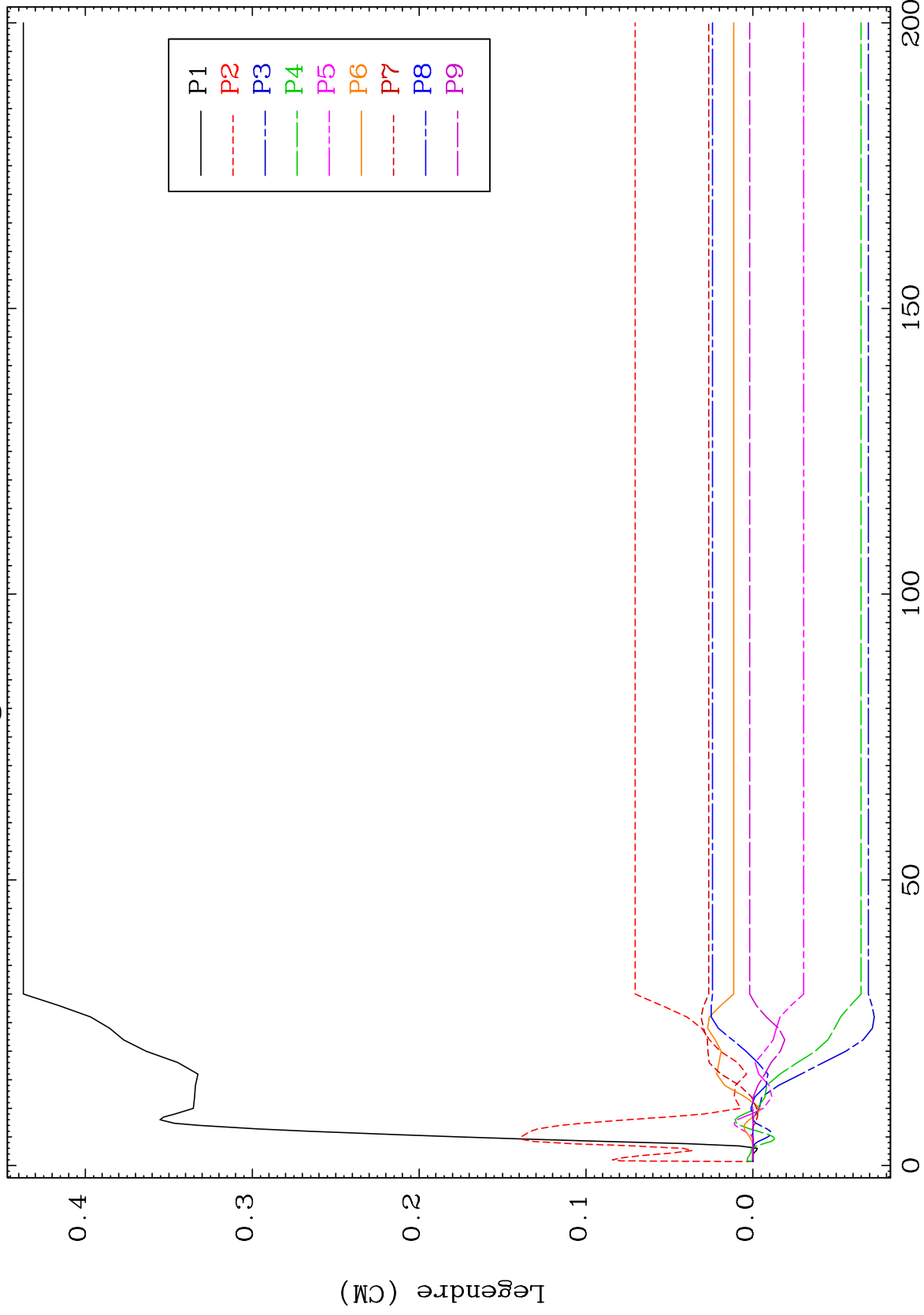
81-T1-198



MAT 8110

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

81-T1-198



55

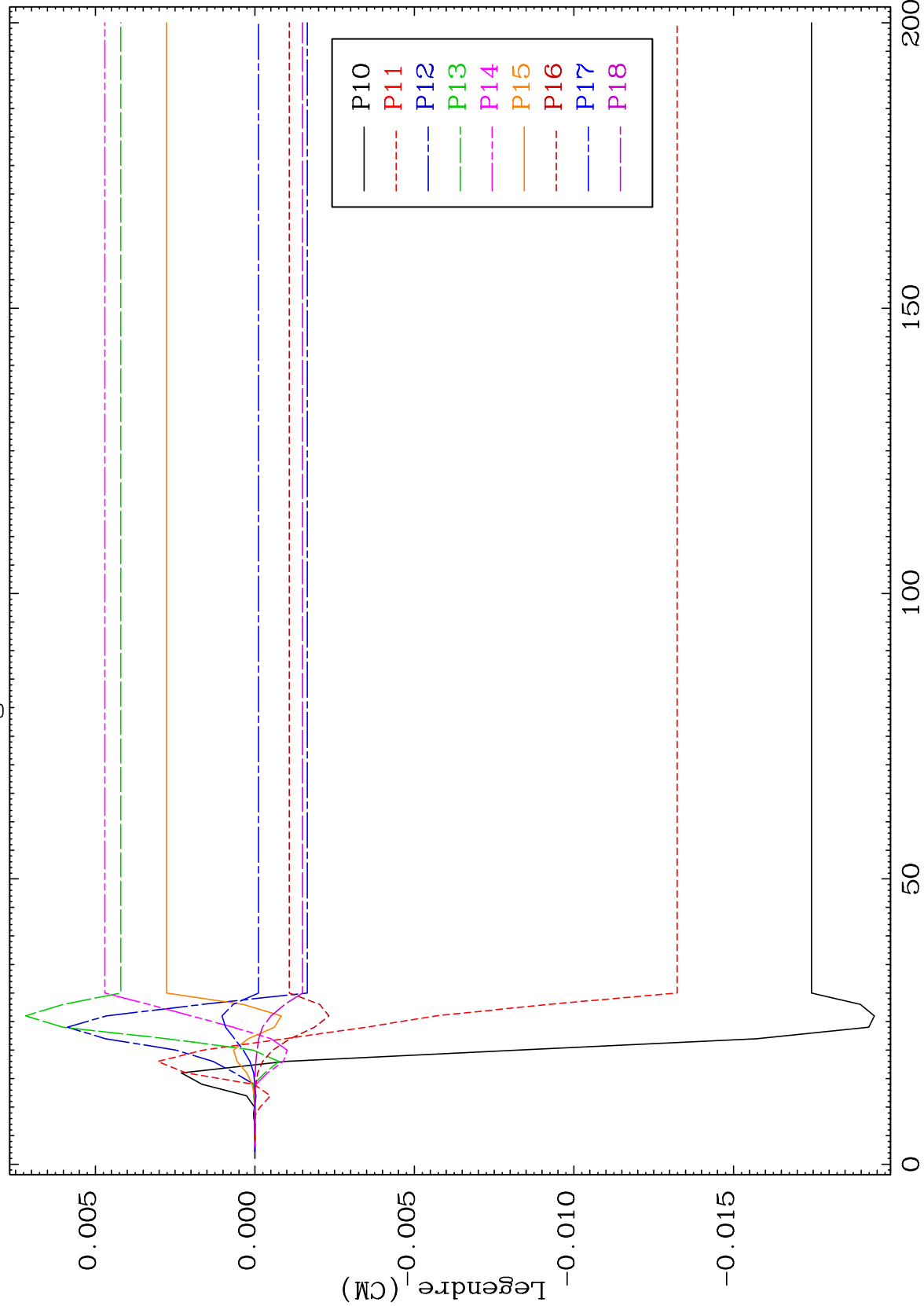
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-T1-198



56

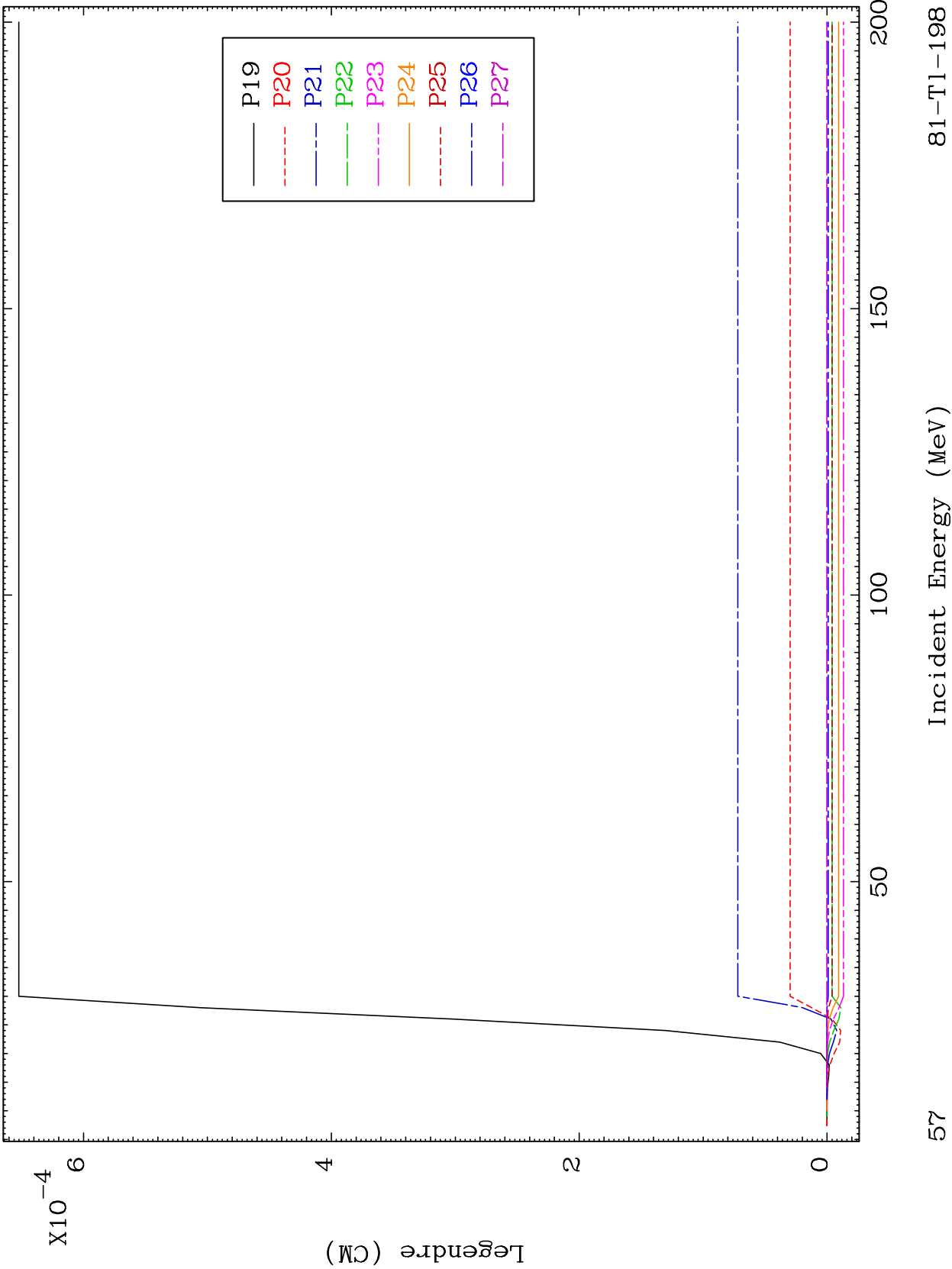
Incident Energy (MeV)

81-T1-198

MAT 8110

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

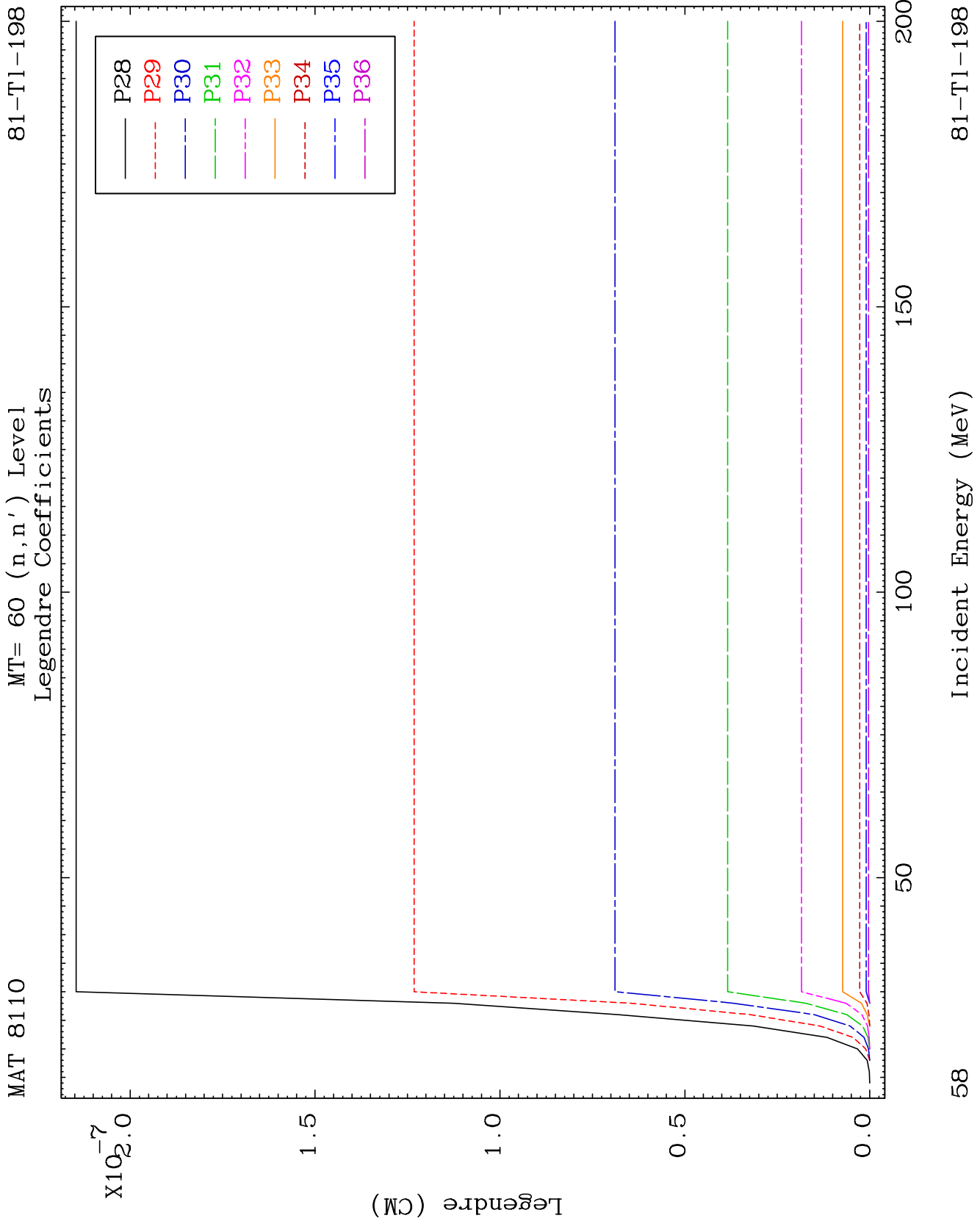
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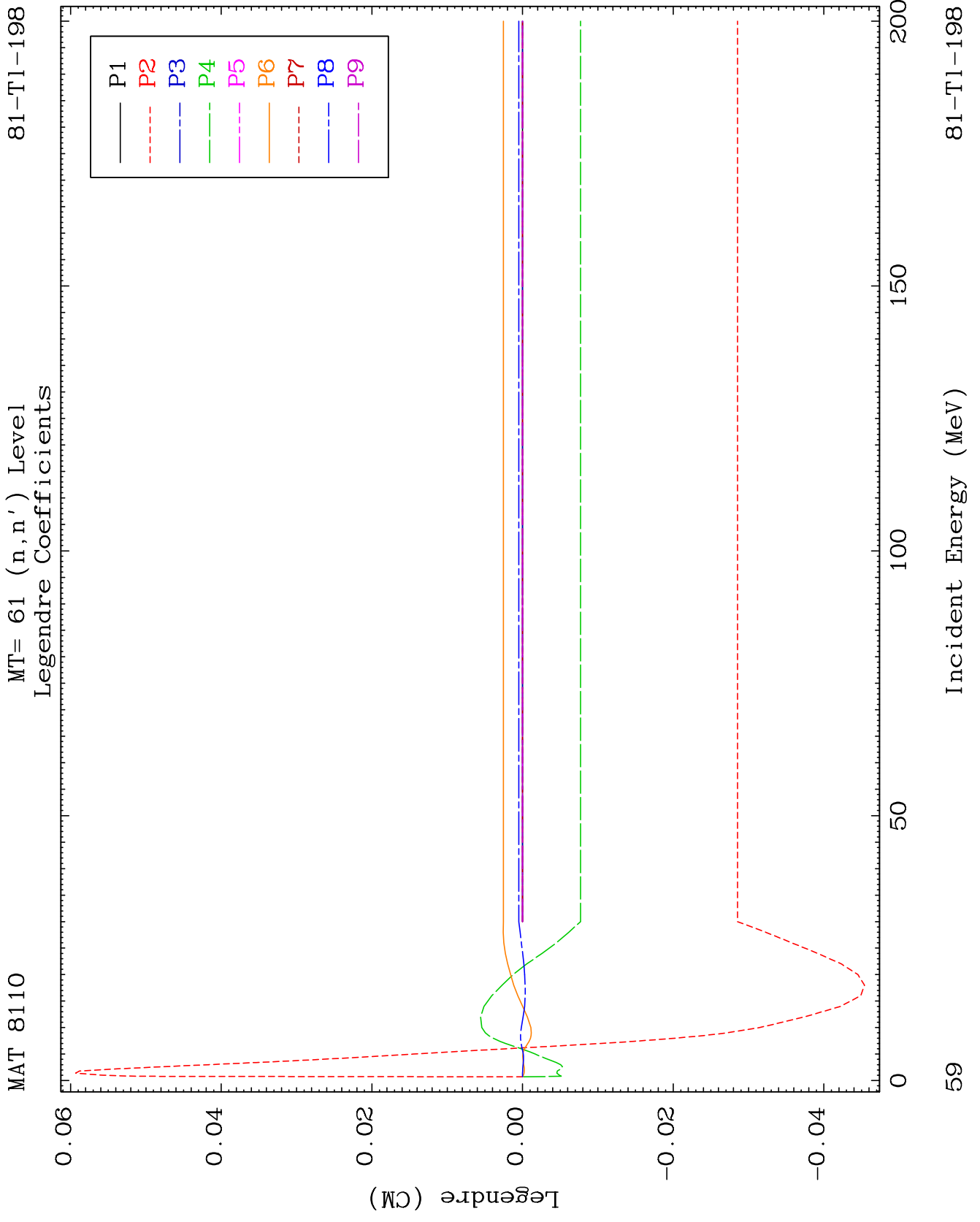


57

Incident Energy (MeV)

81-T1-198

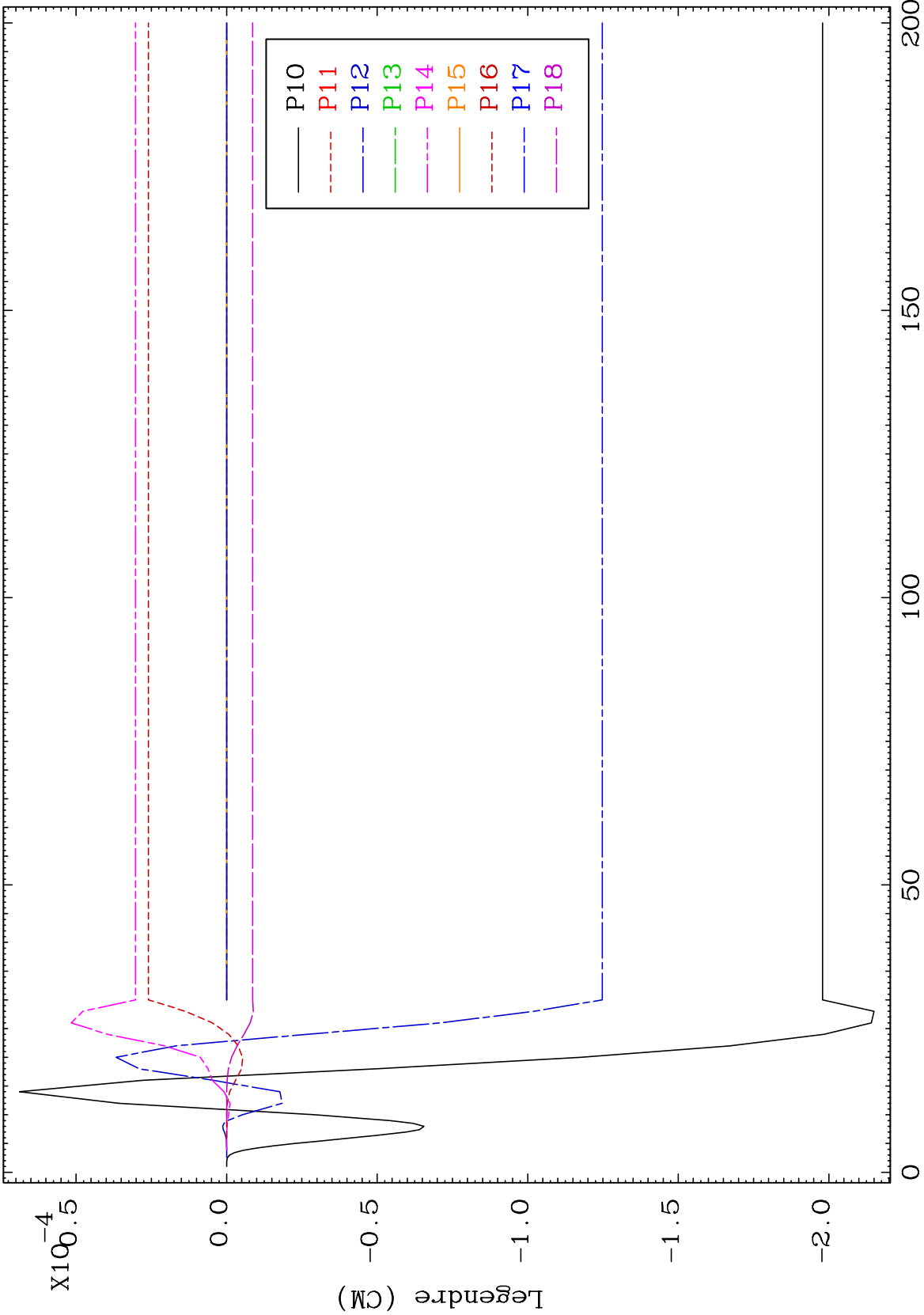




MAT 8110

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

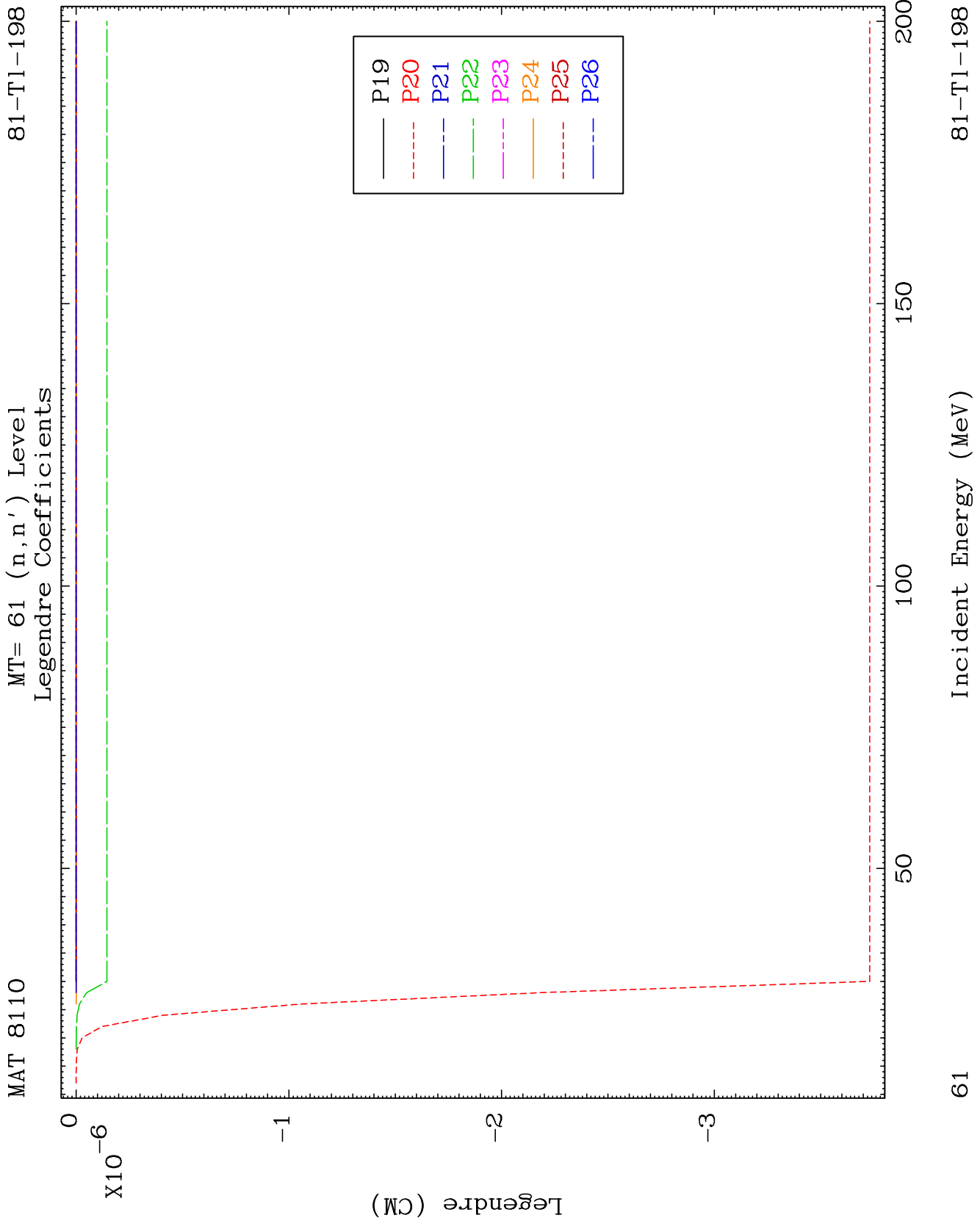
81-T1-198



60

Incident Energy (MeV)

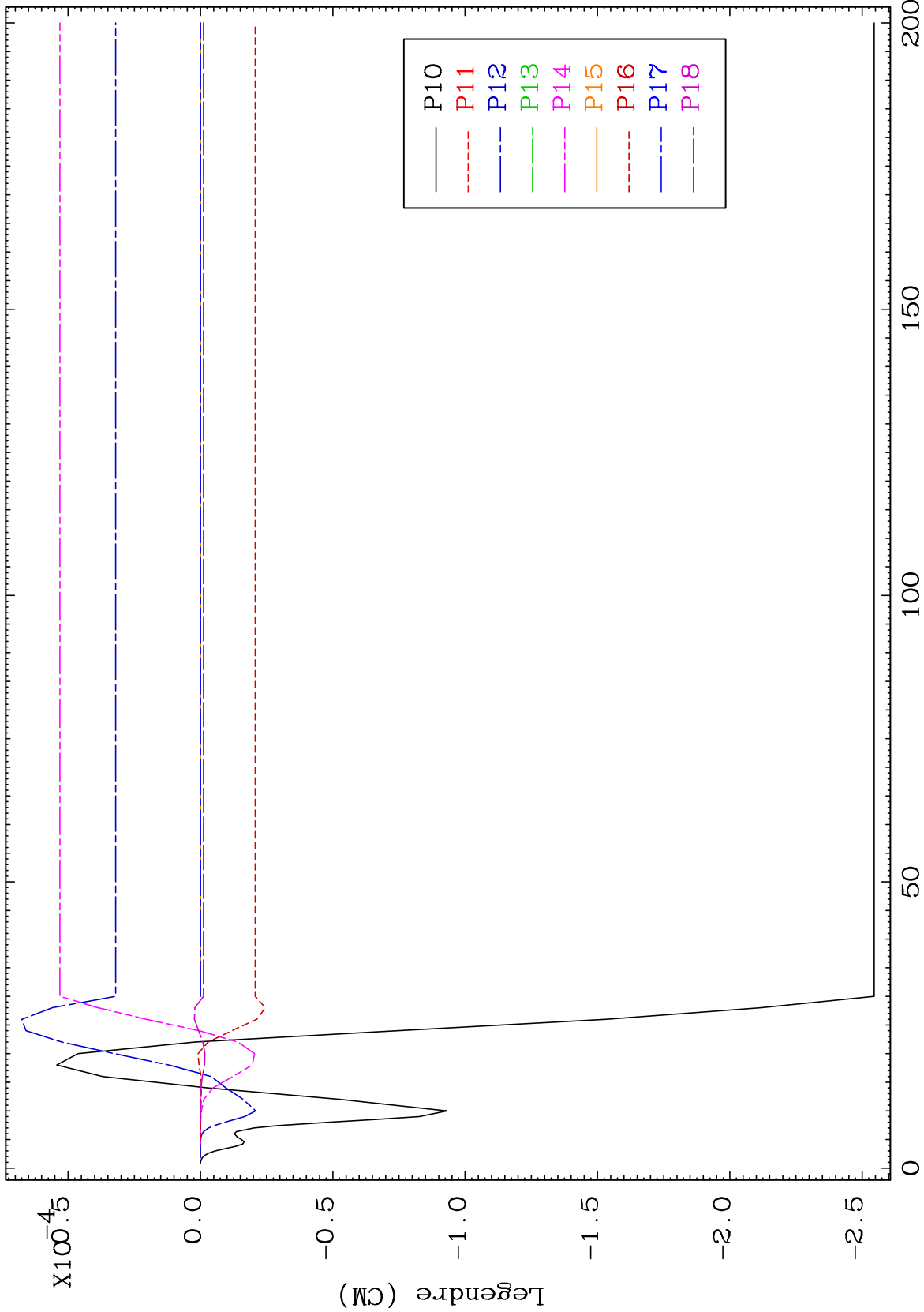
81-T1-198



MAT 8110

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

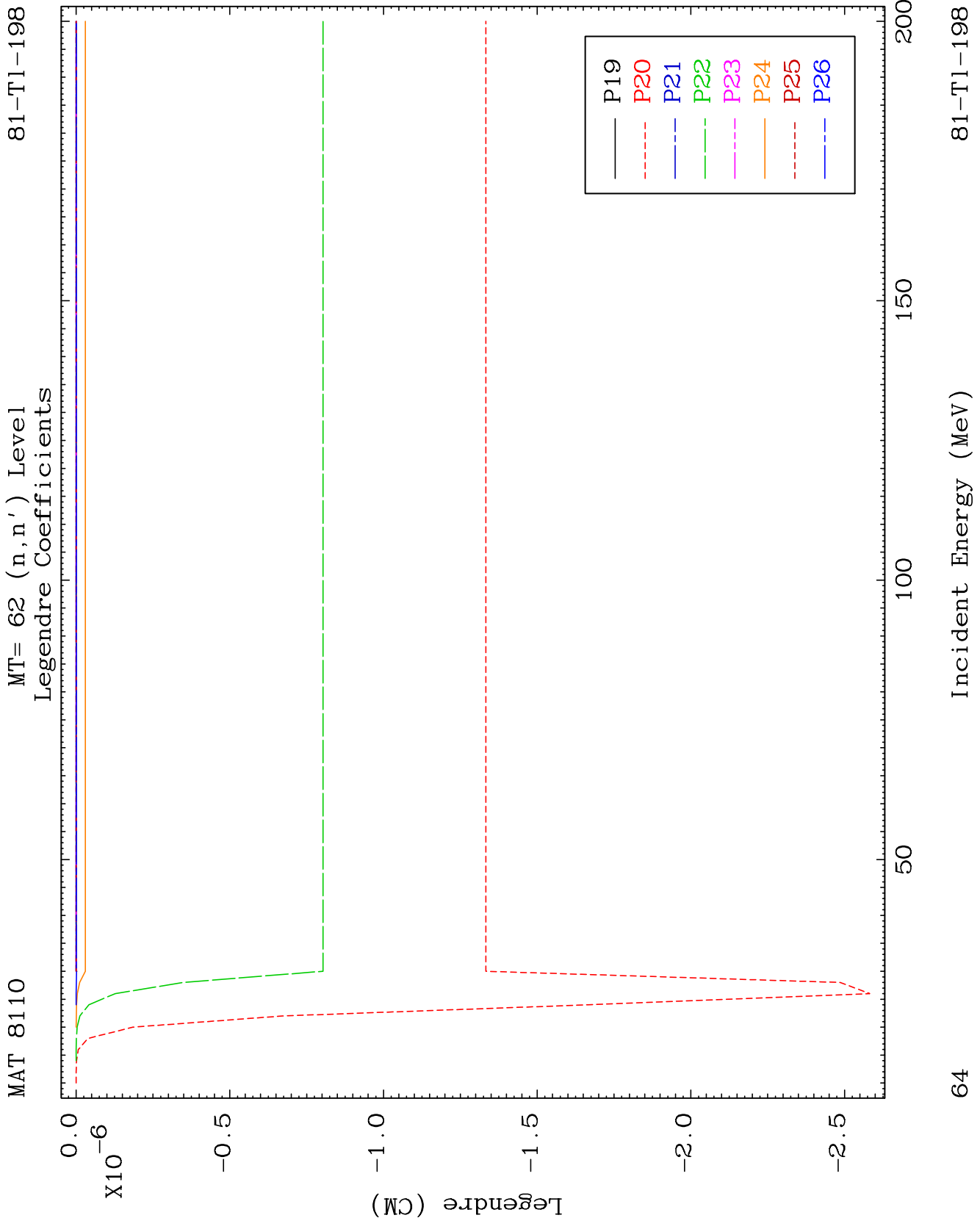
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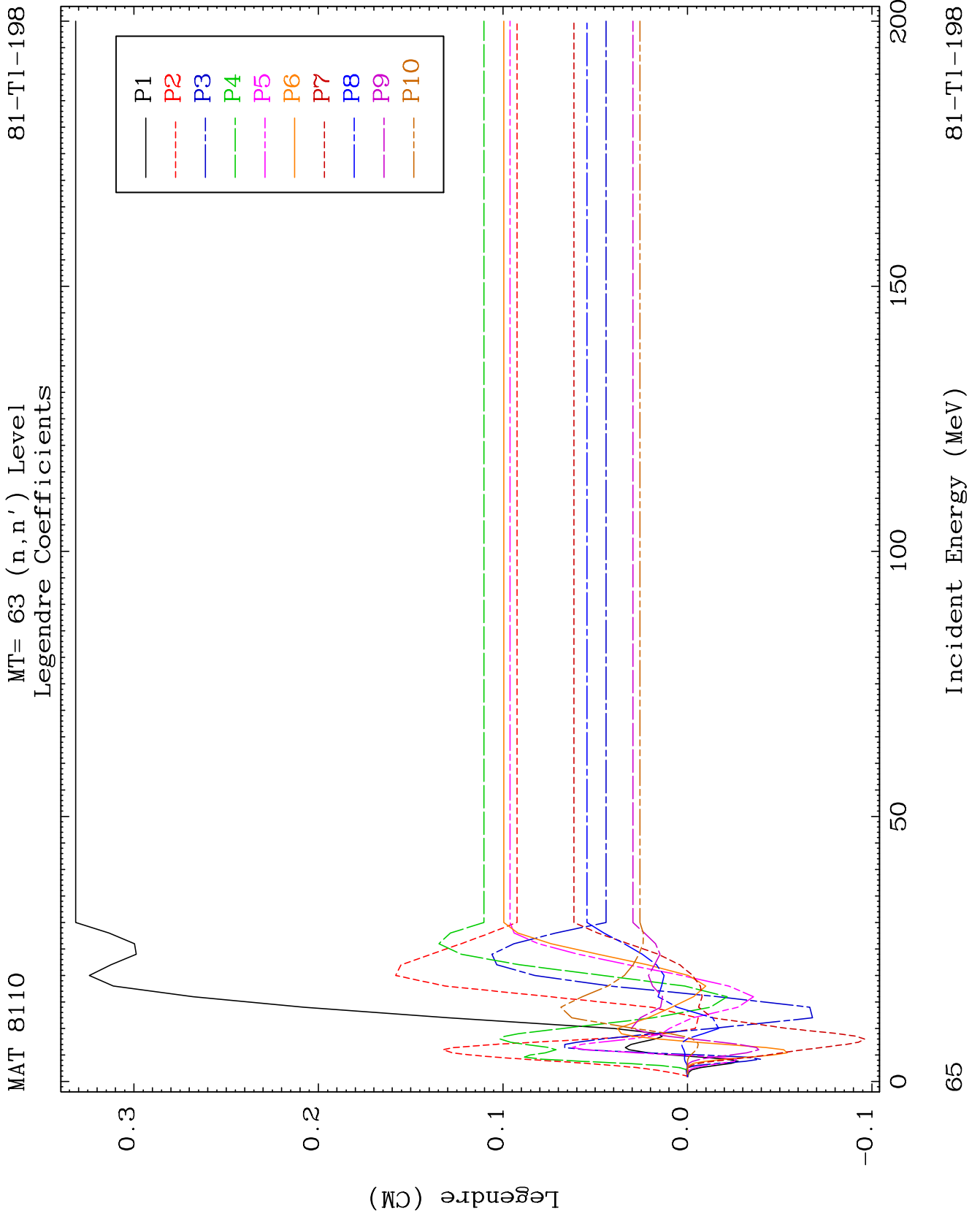


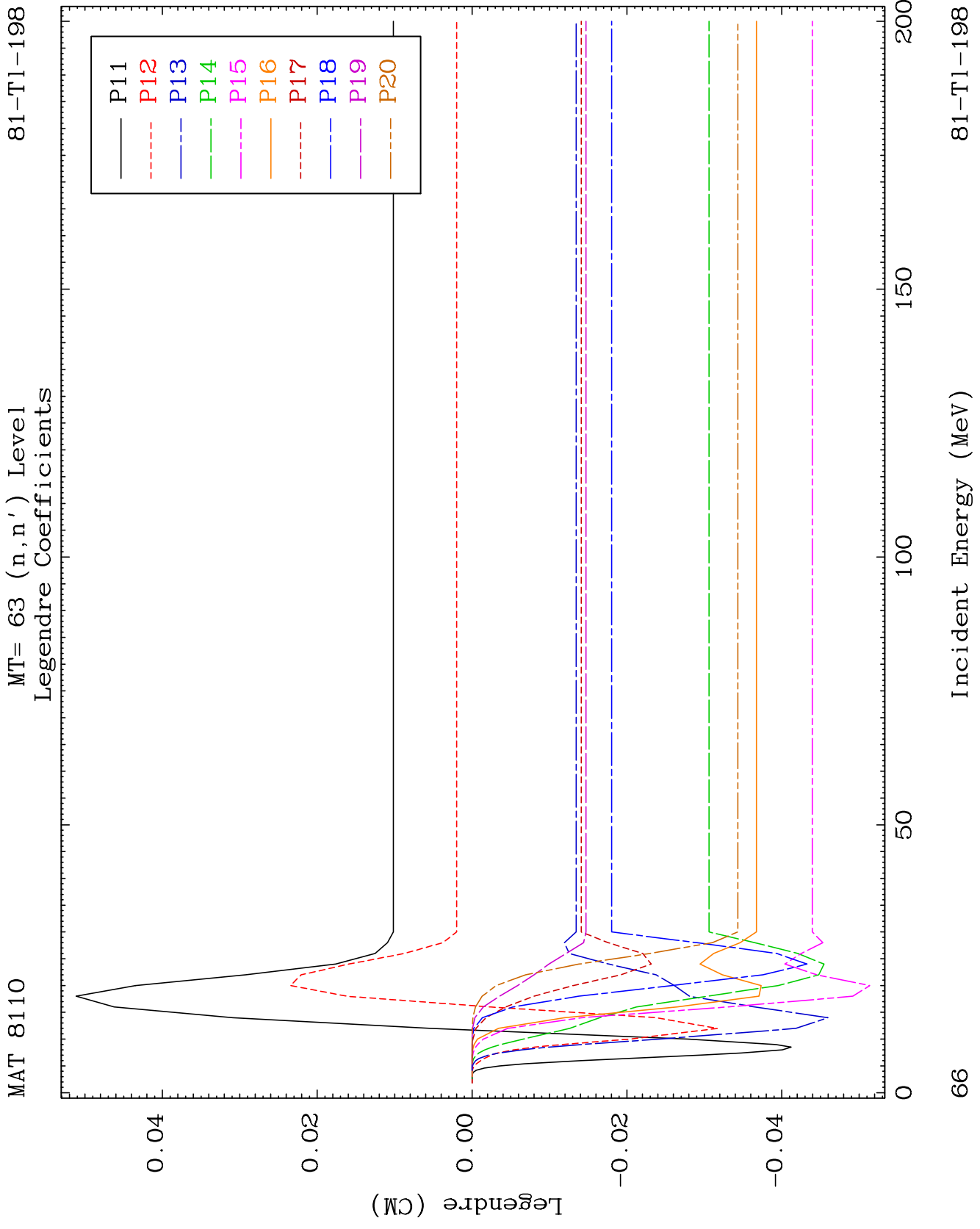
63

Incident Energy (MeV)

81-T1-198



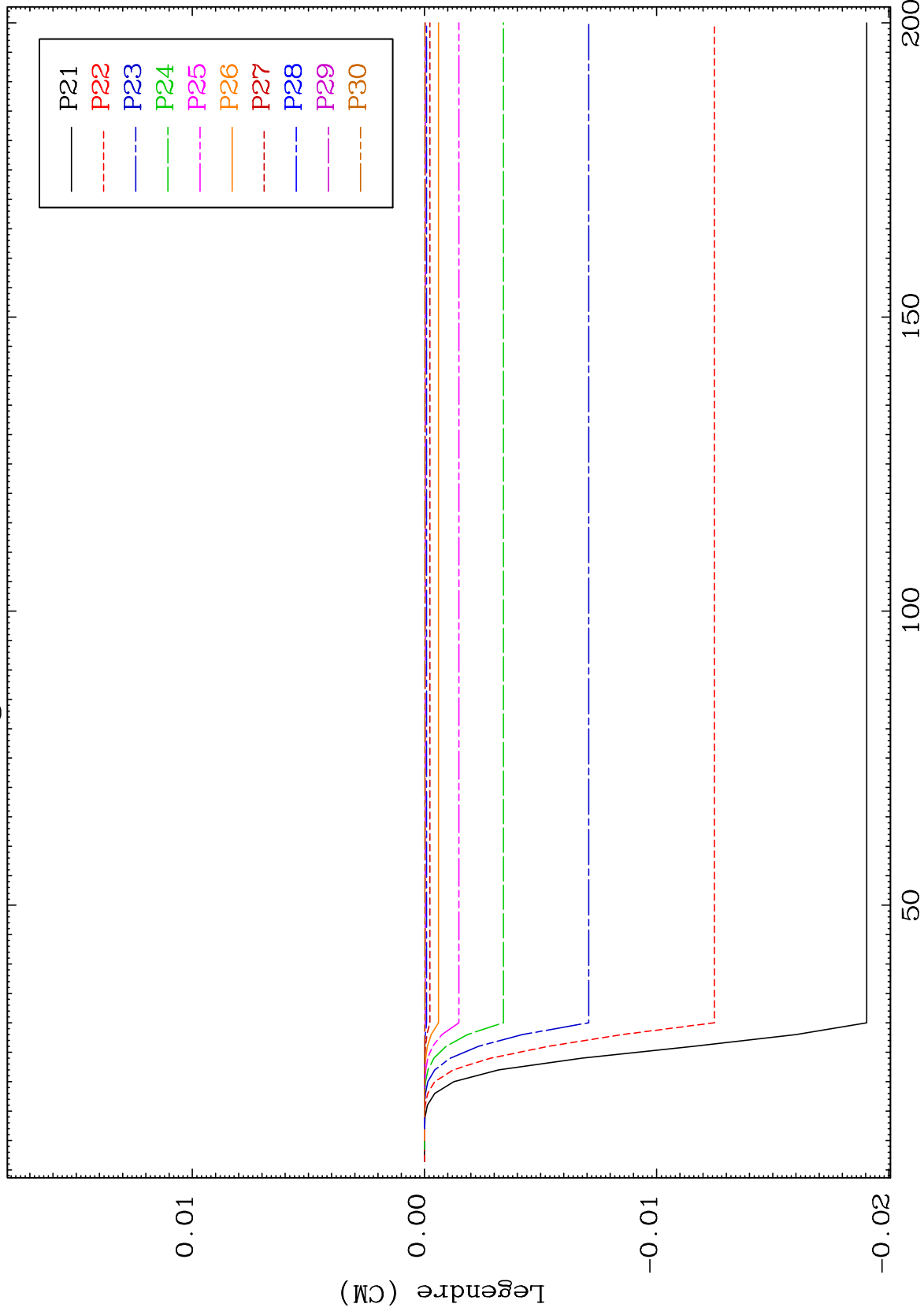




MAT 8110

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

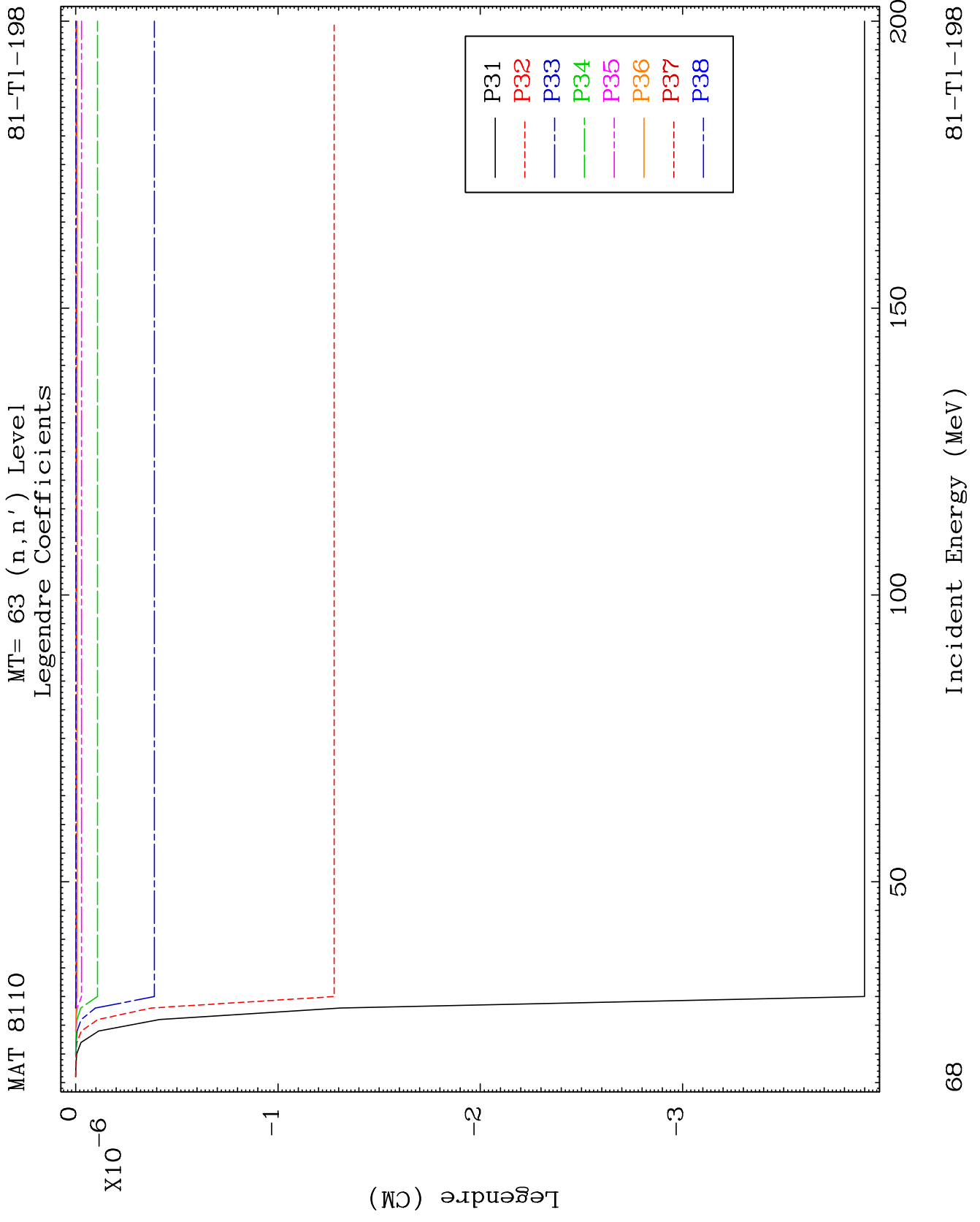
81-T1-198



67

Incident Energy (MeV)

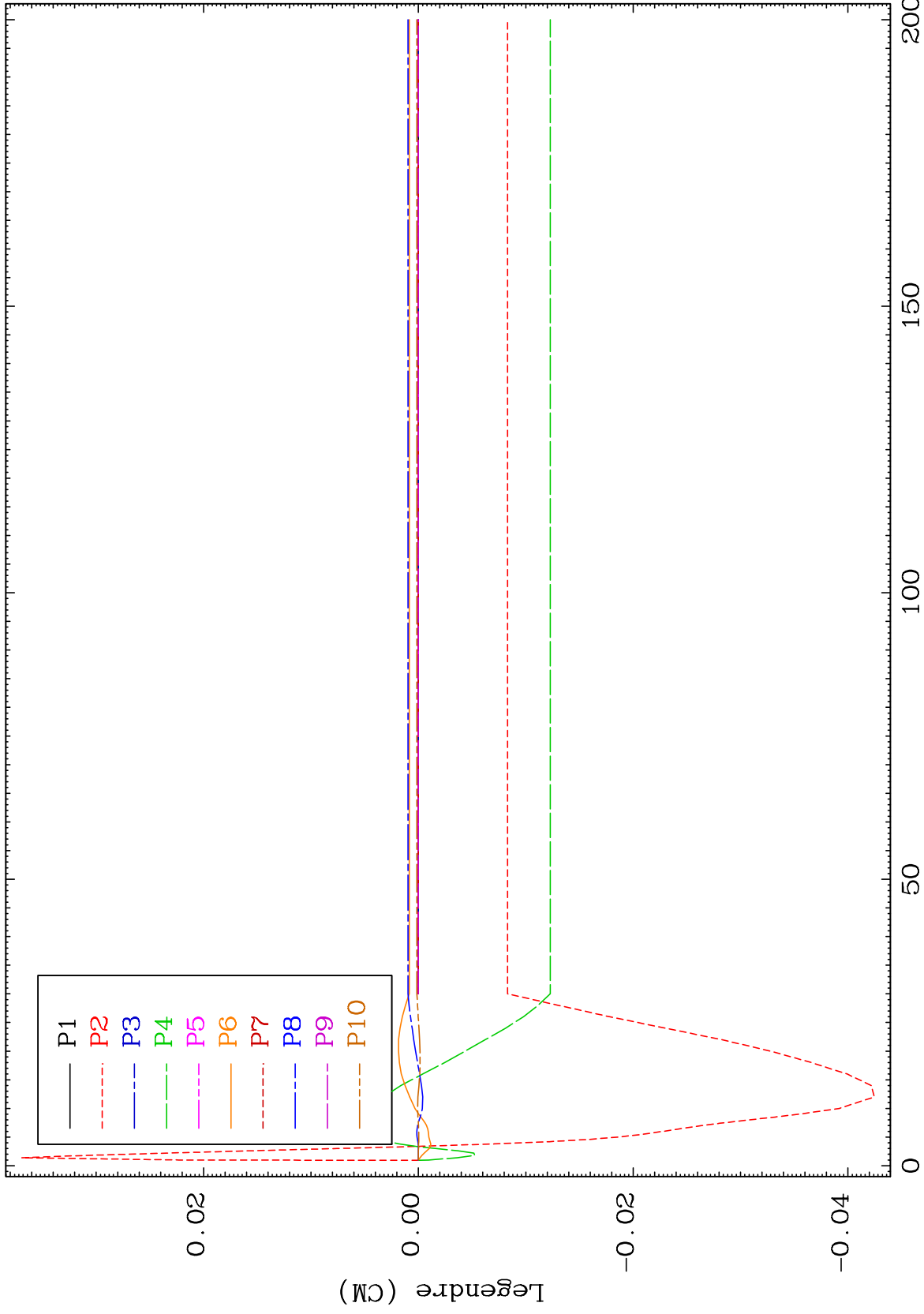
81-T1-198



MAT 8110

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

81-T1-198



69

Incident Energy (MeV)

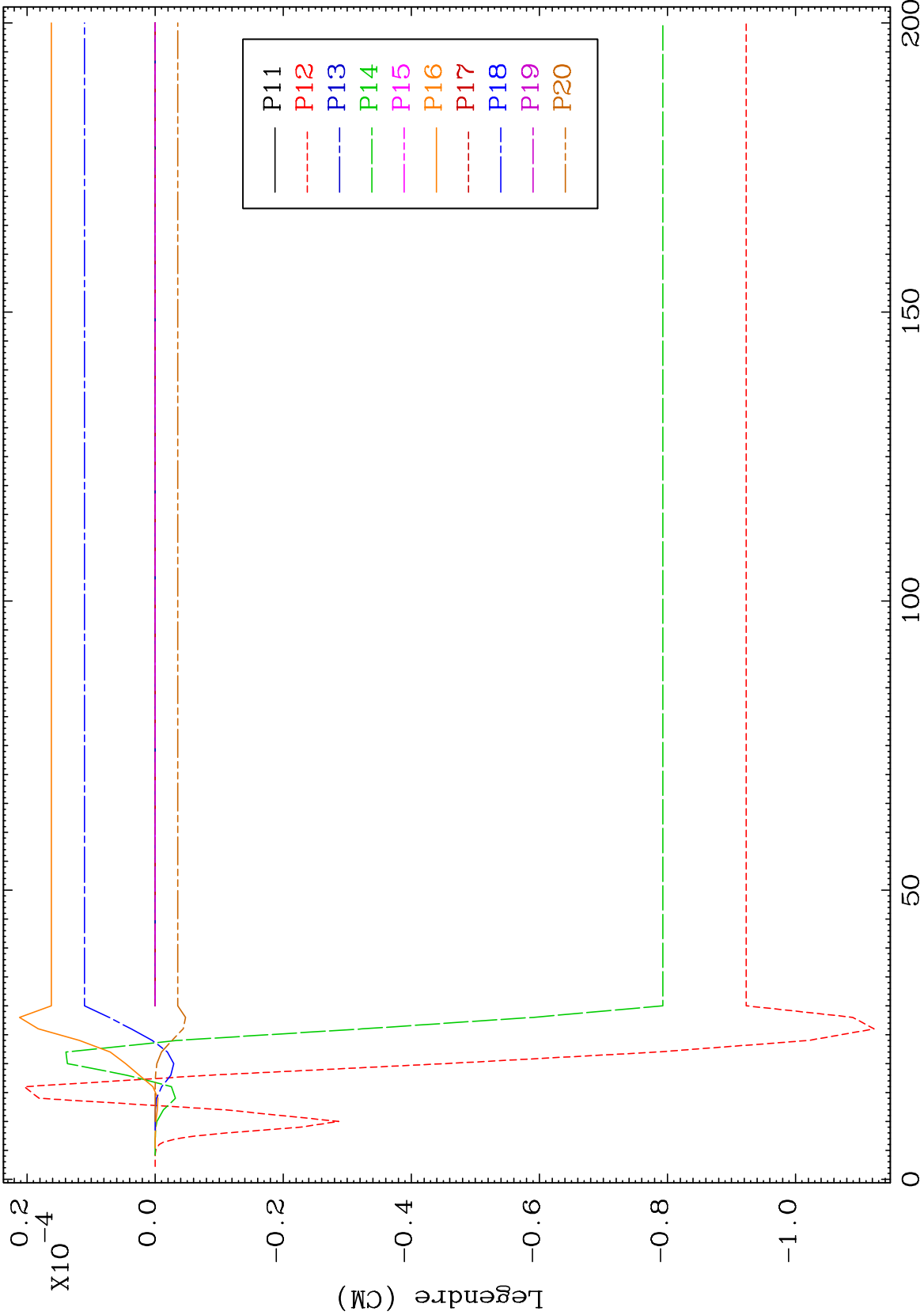
81-T1-198

MAT 8110

MT= 64 (n,n') Level

81-T1-198

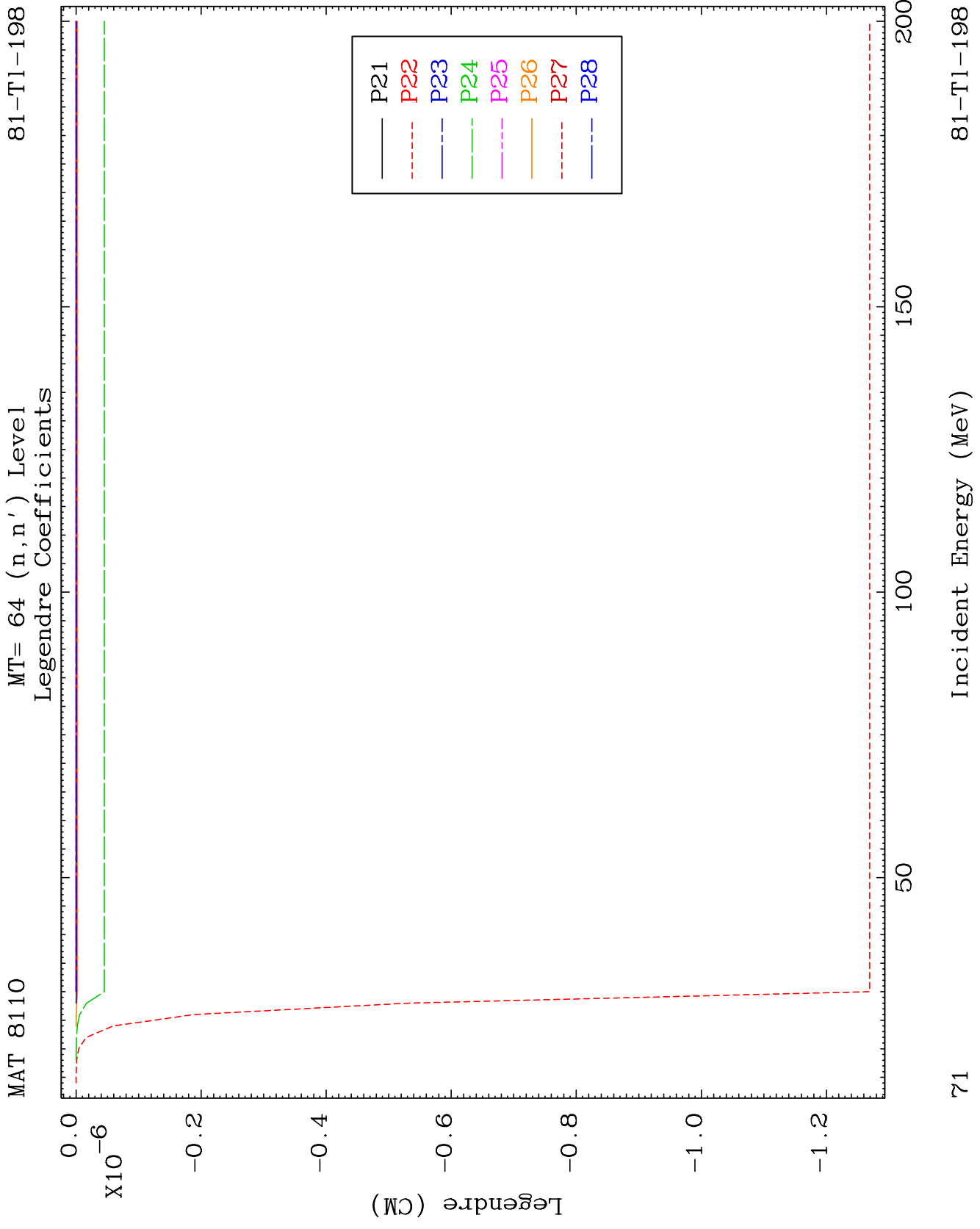
Legendre Coefficients



70

Incident Energy (MeV)

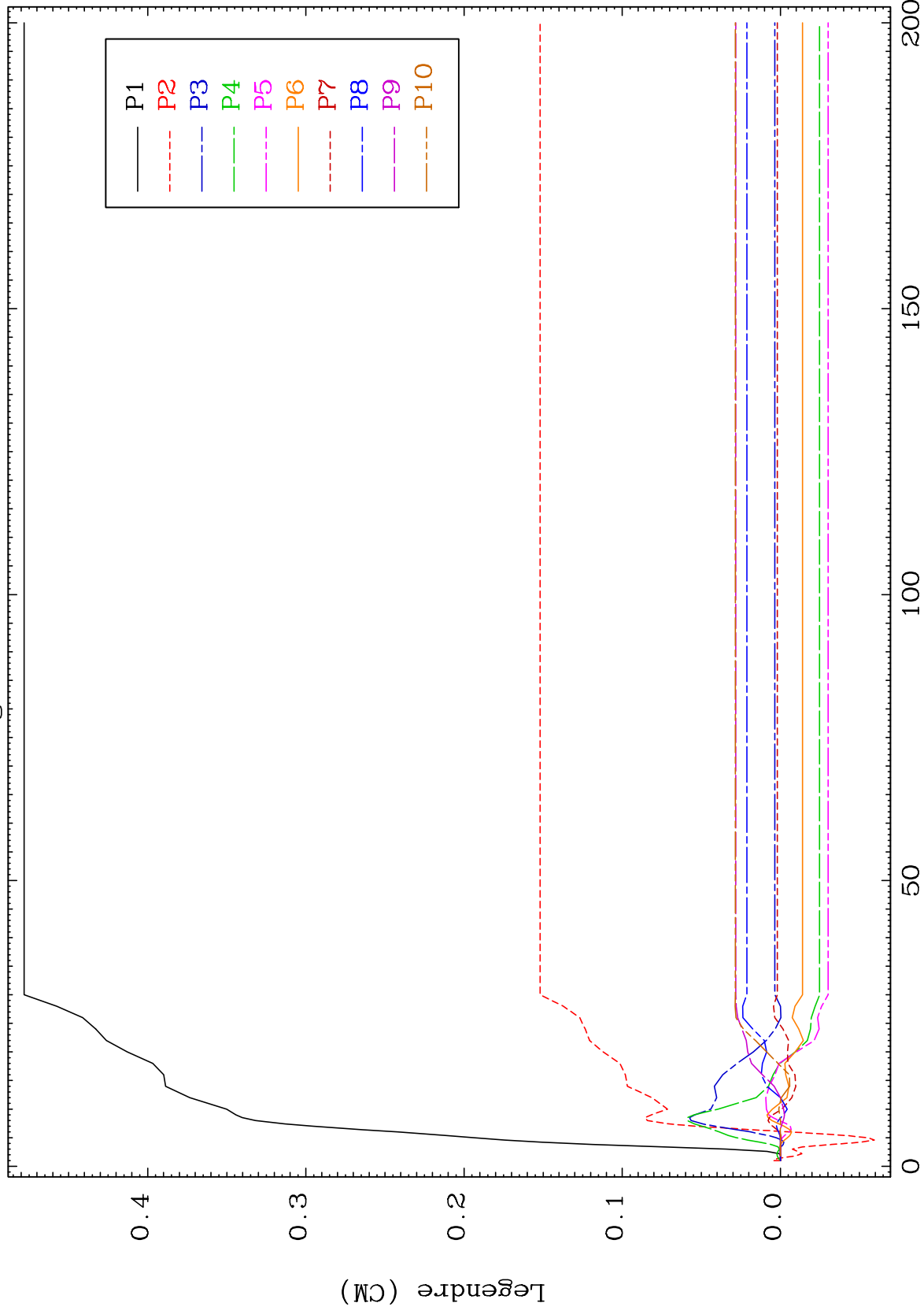
81-T1-198



MAT 8110

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

81-T1-198



72

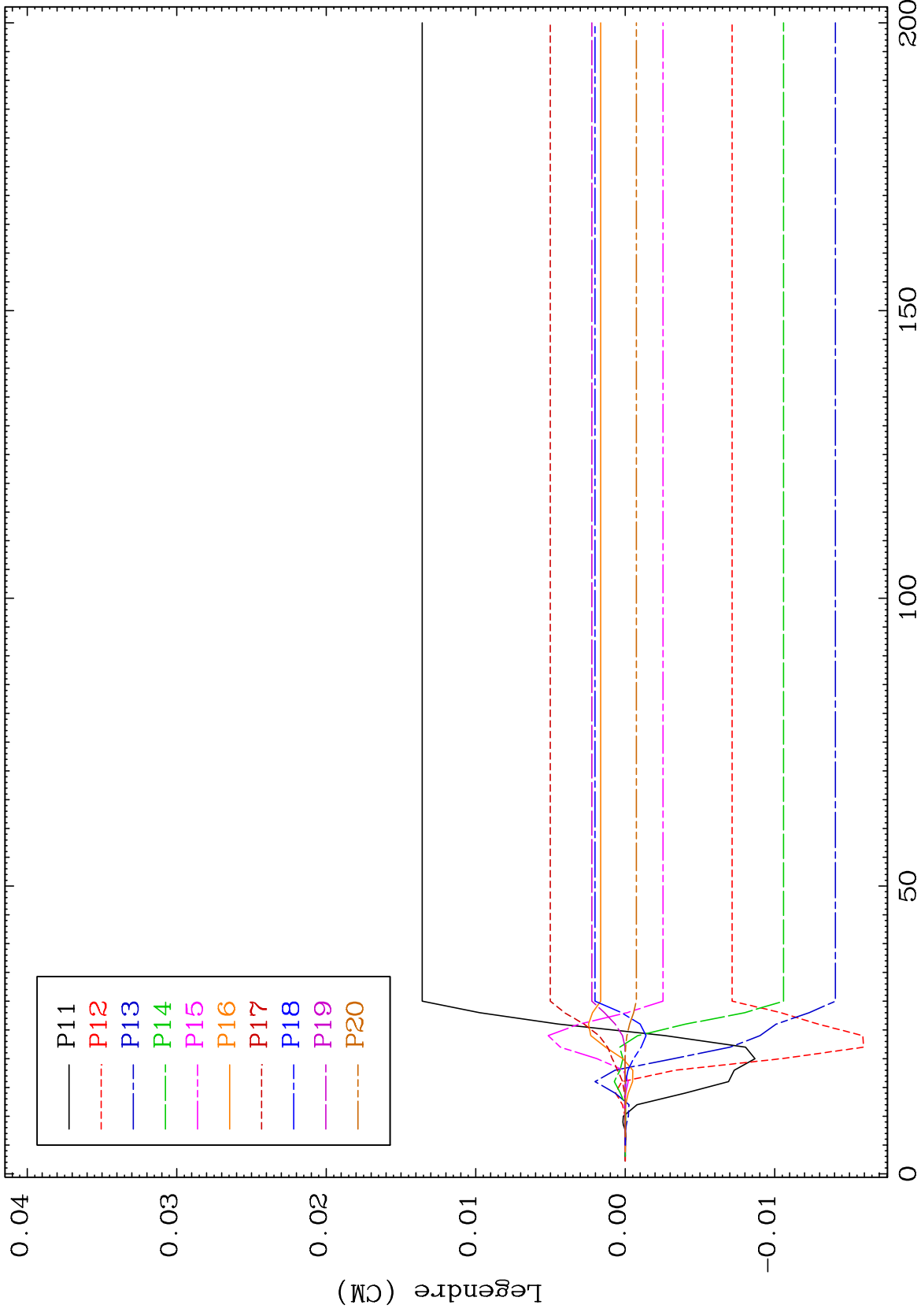
Incident Energy (MeV)

81-T1-198

MAT 8110

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

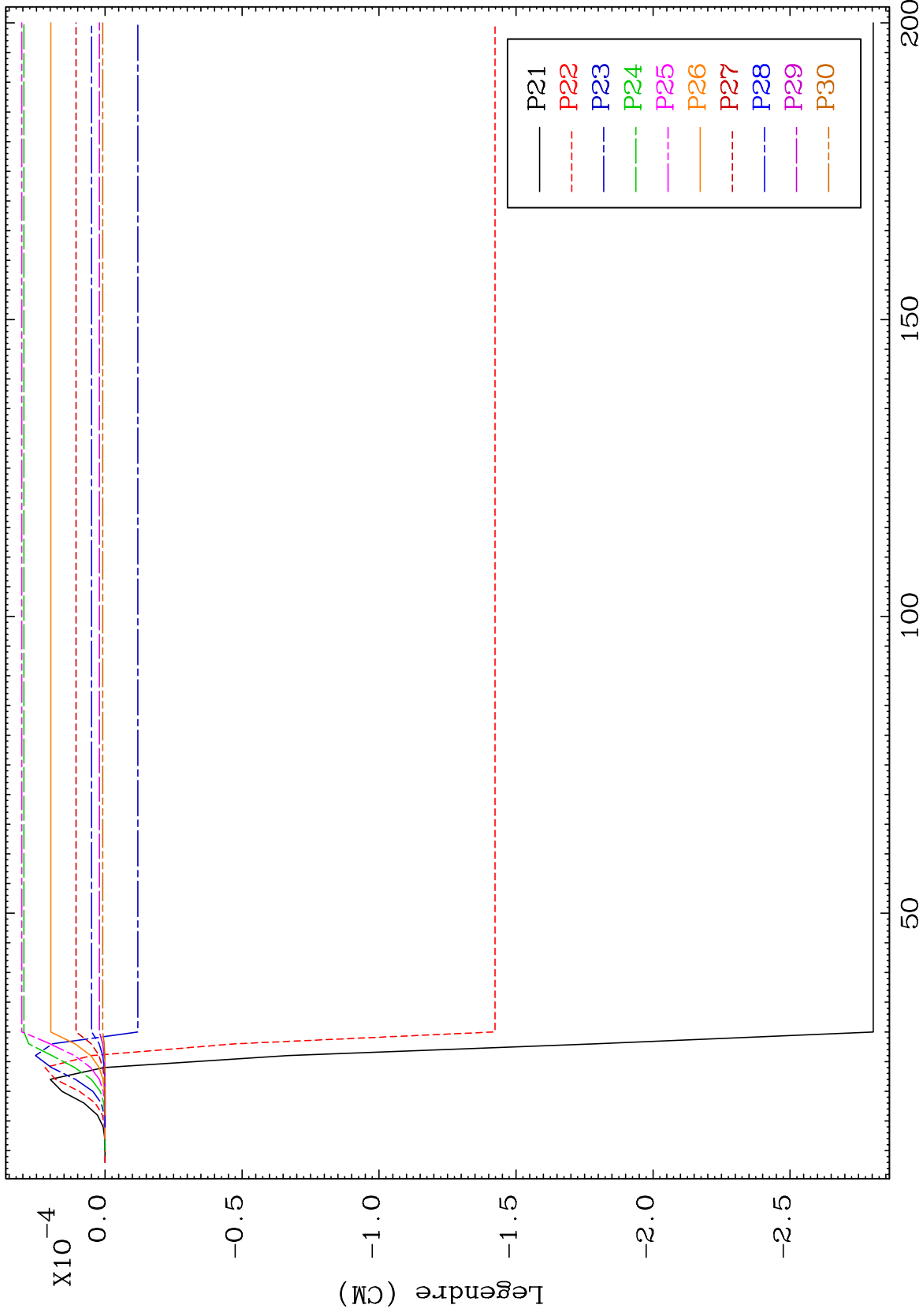
81-T1-198



73

Incident Energy (MeV)

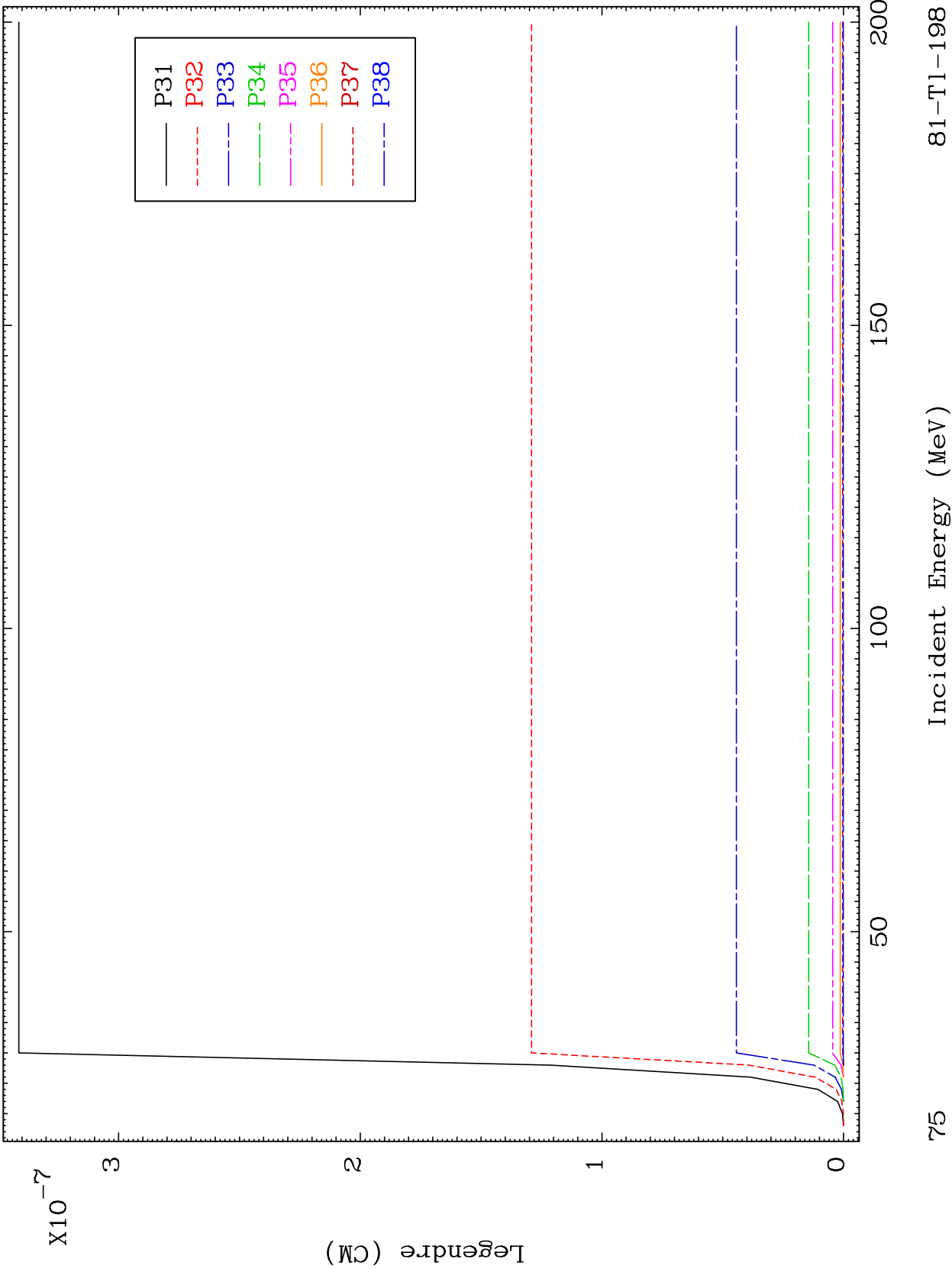
81-T1-198



MAT 8110

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

81-T1-198



75

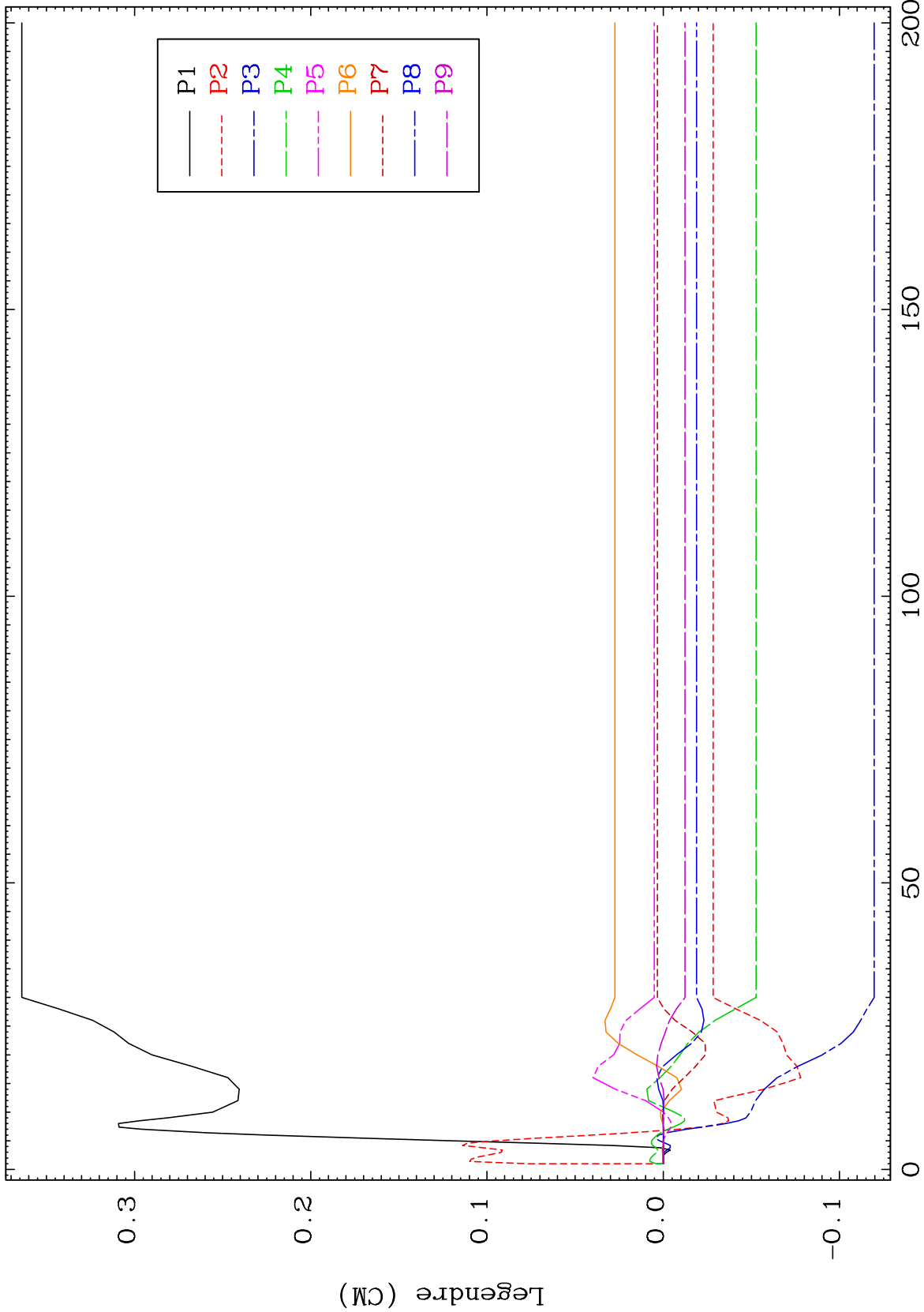
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-T1-198



76

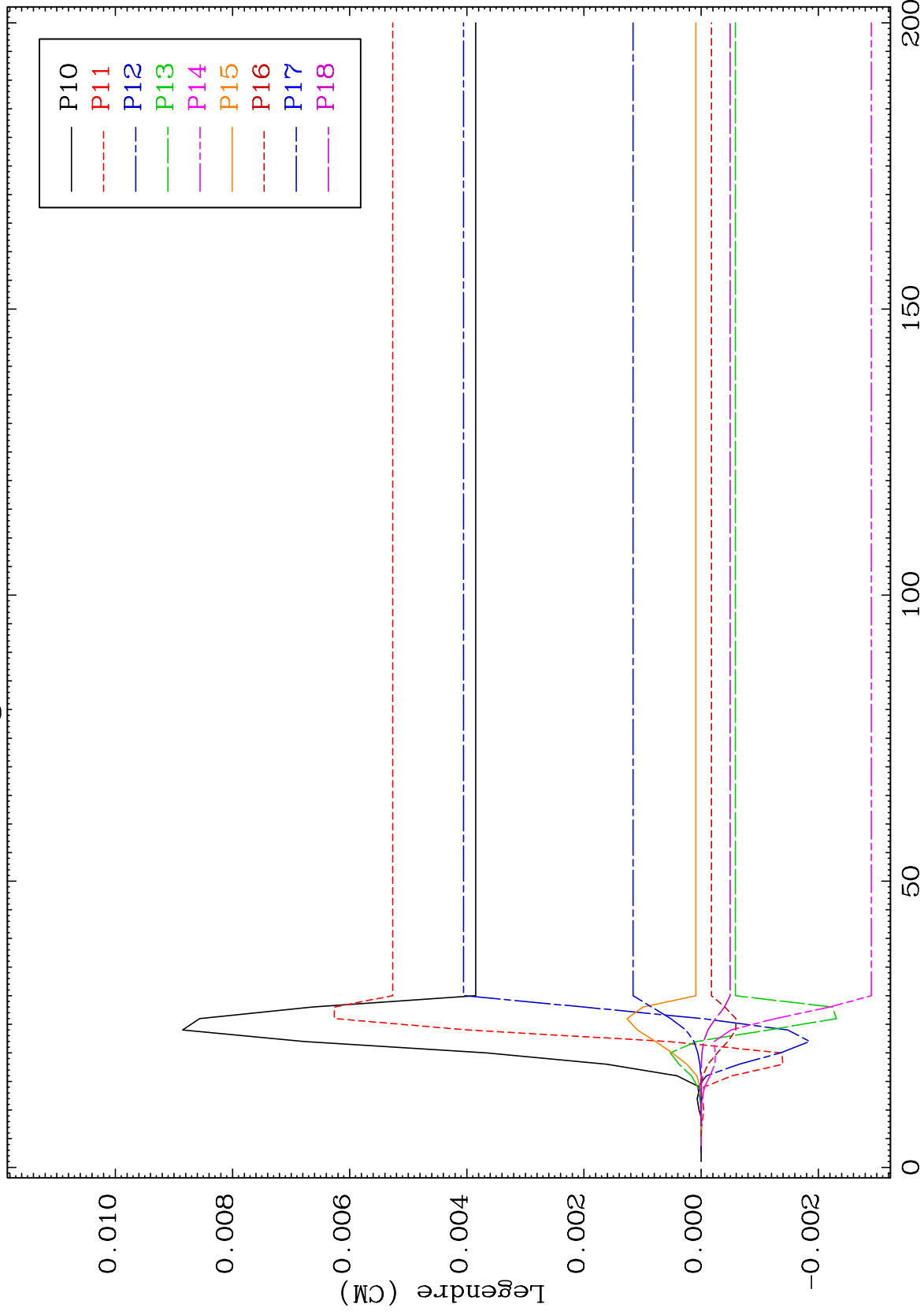
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-T1-198



77

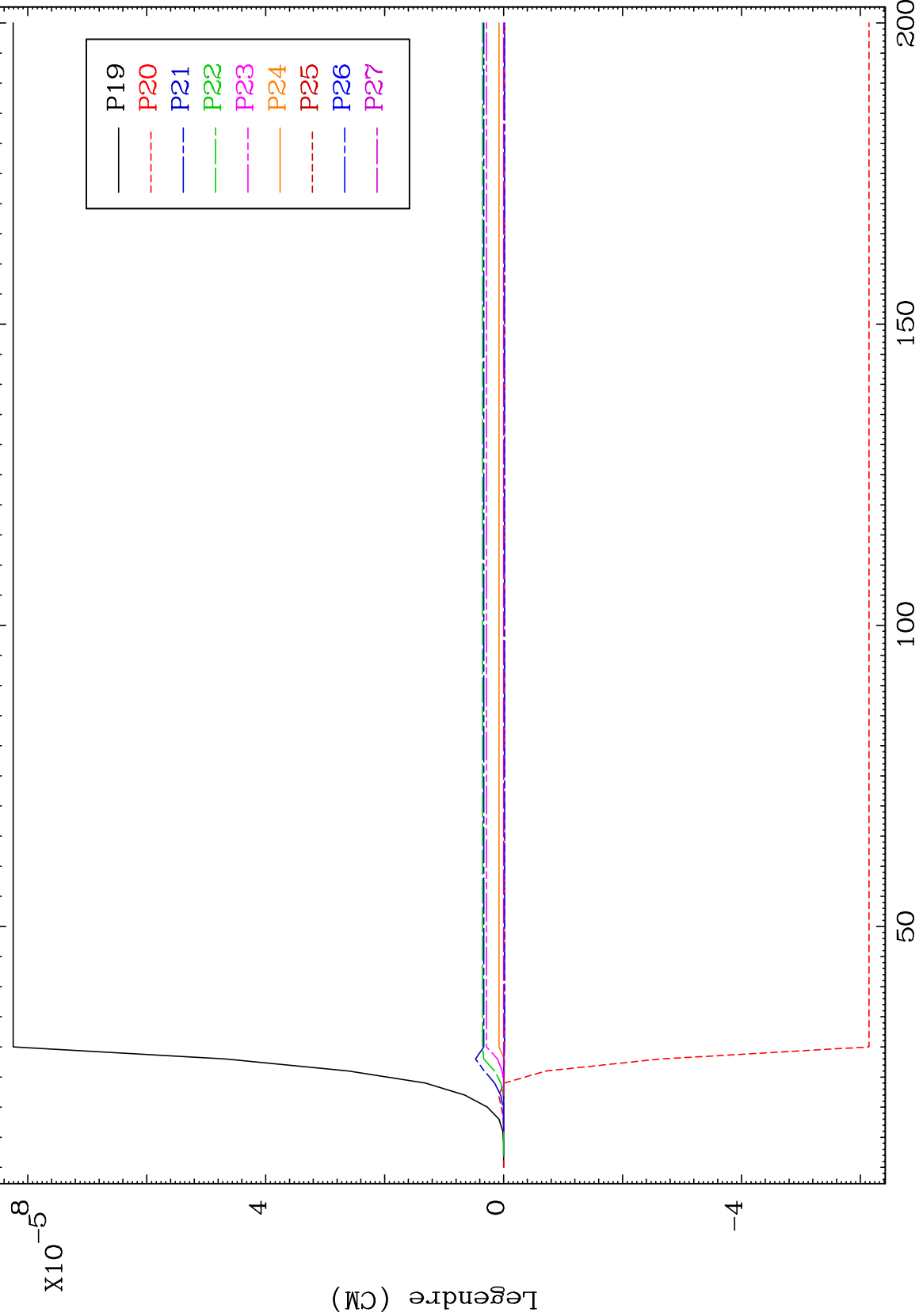
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-Tl-198



78

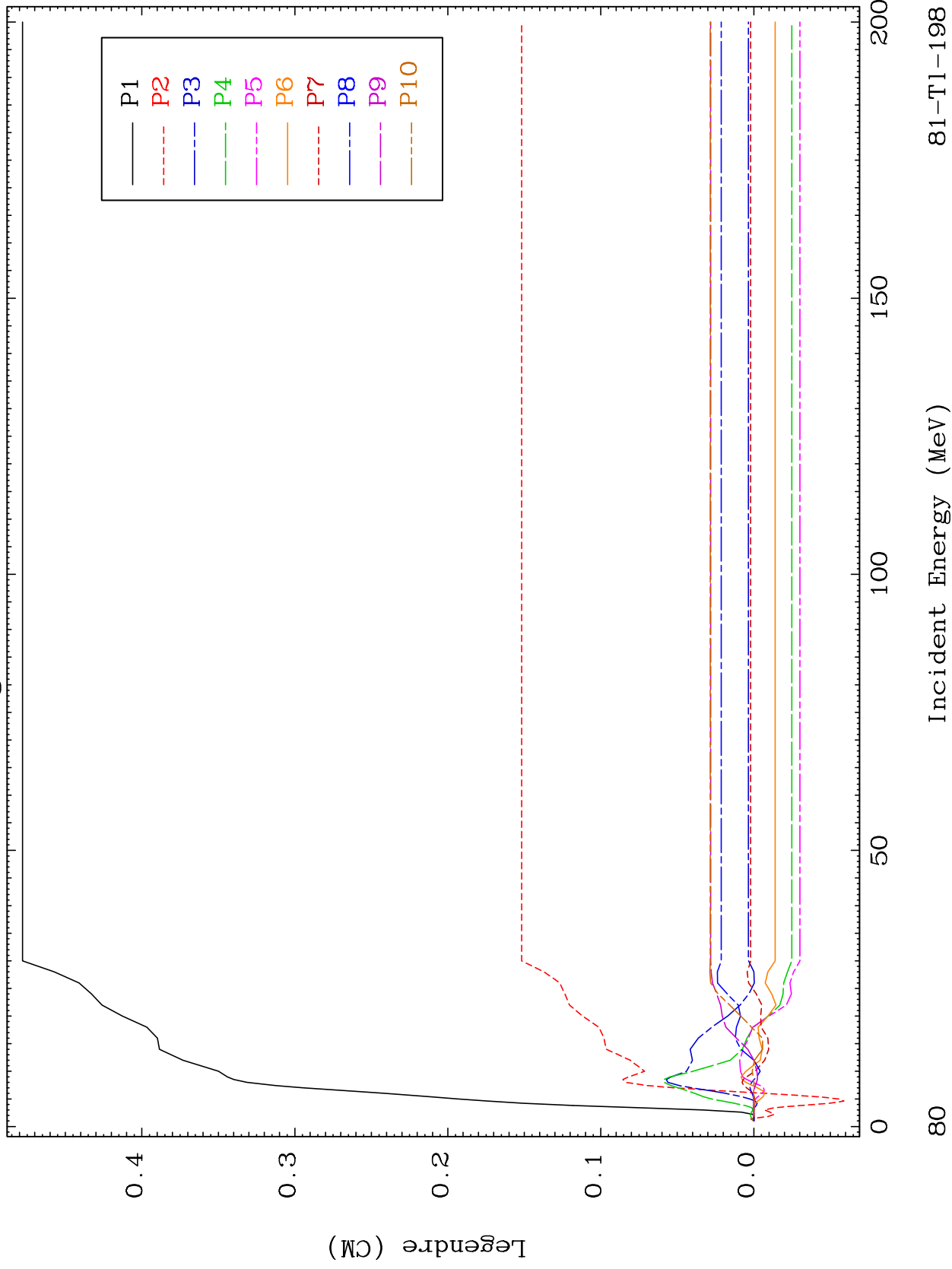
81-Tl-198

81-Tl-198

MAT 8110

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

81-T1-198

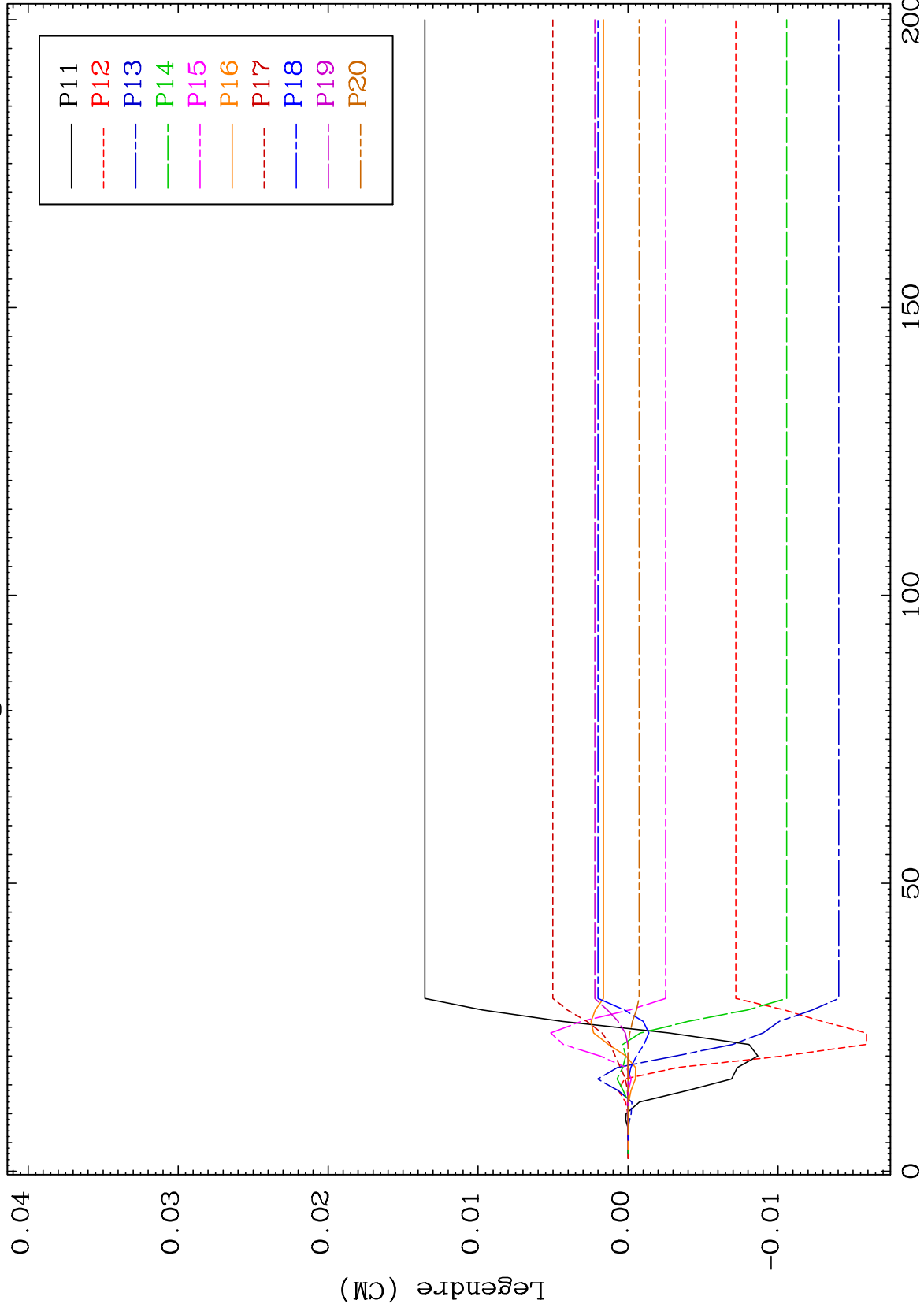


81-T1-198

MAT 8110

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

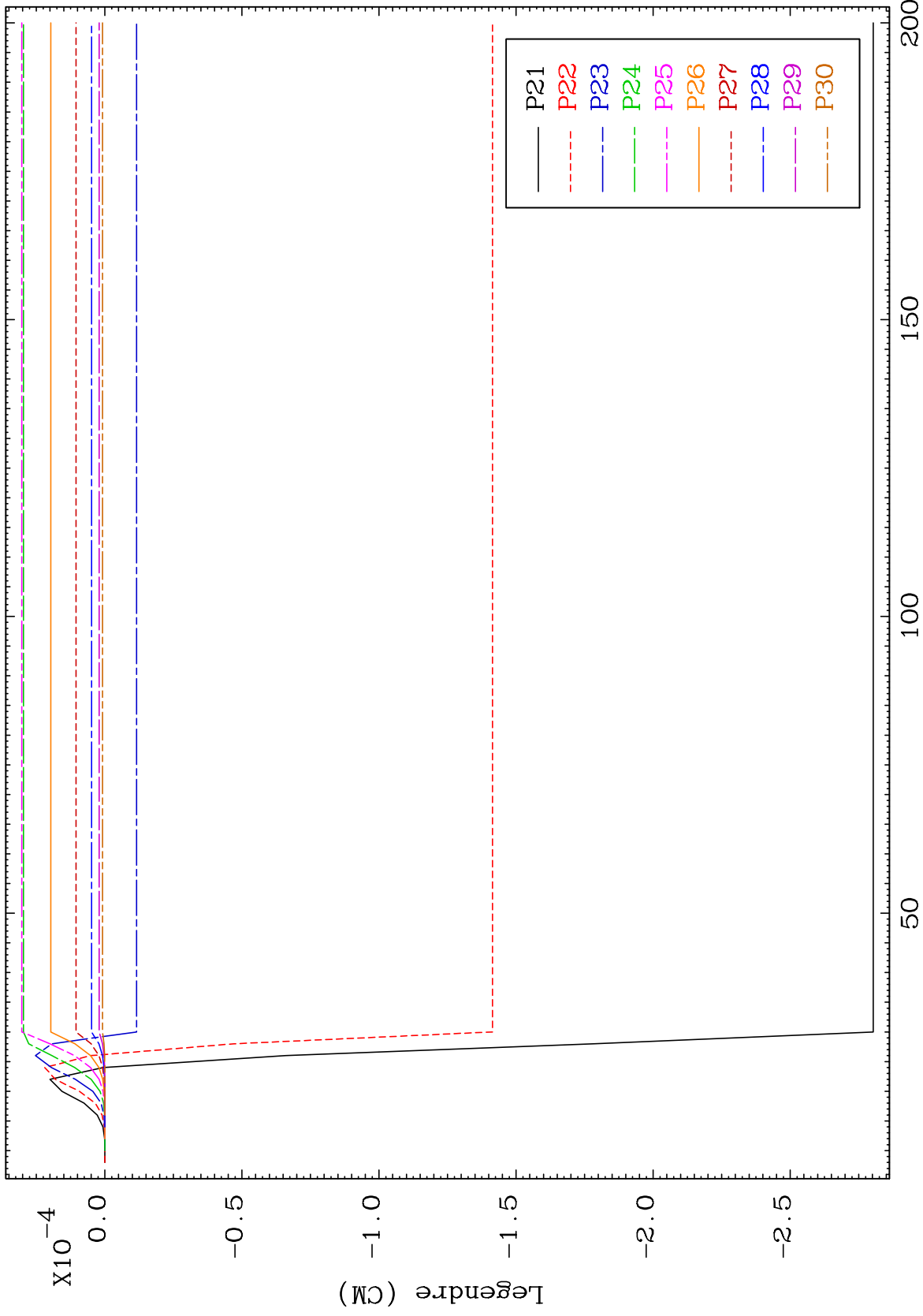
81-T1-198

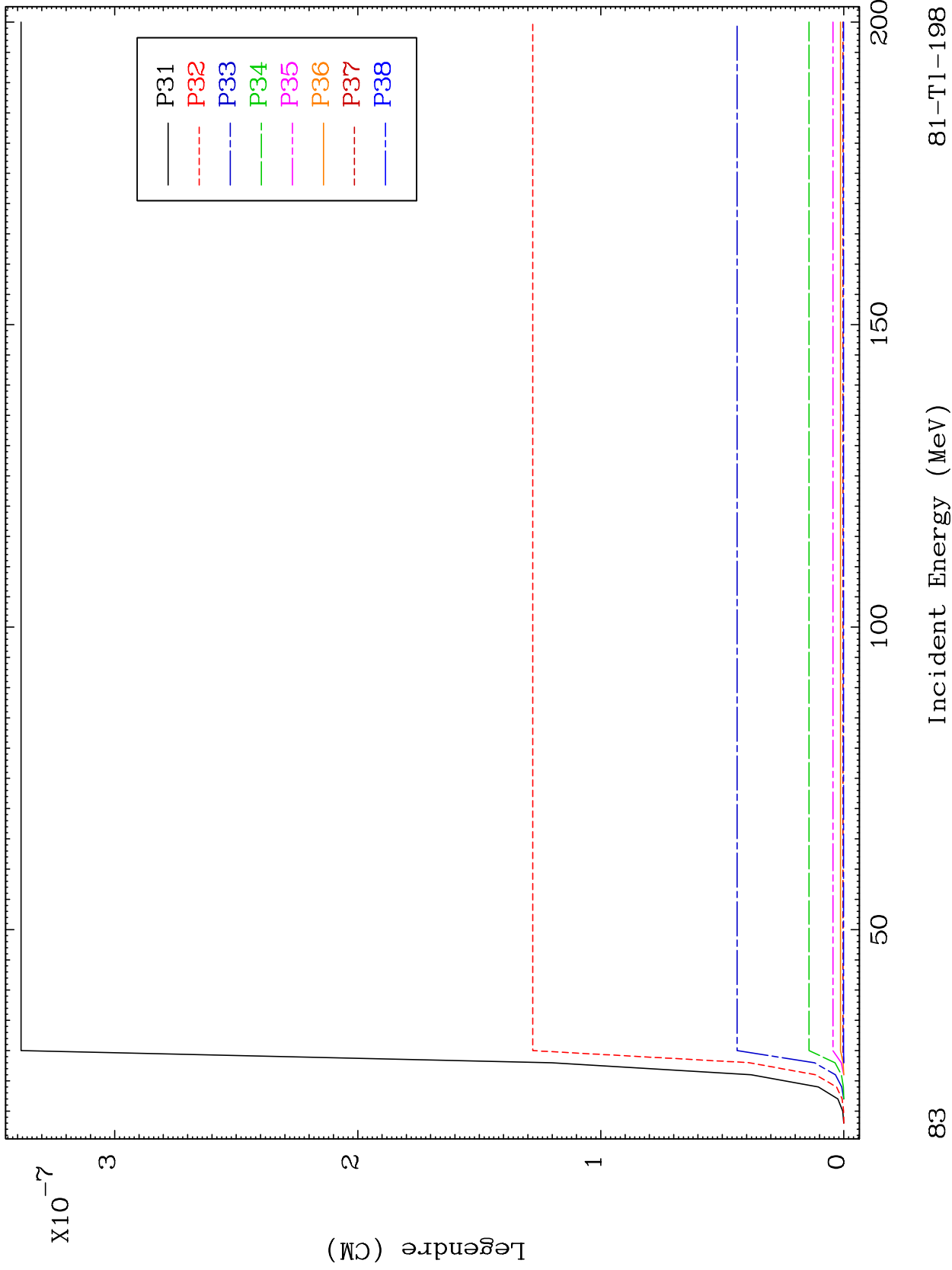


81

Incident Energy (MeV)

81-T1-198

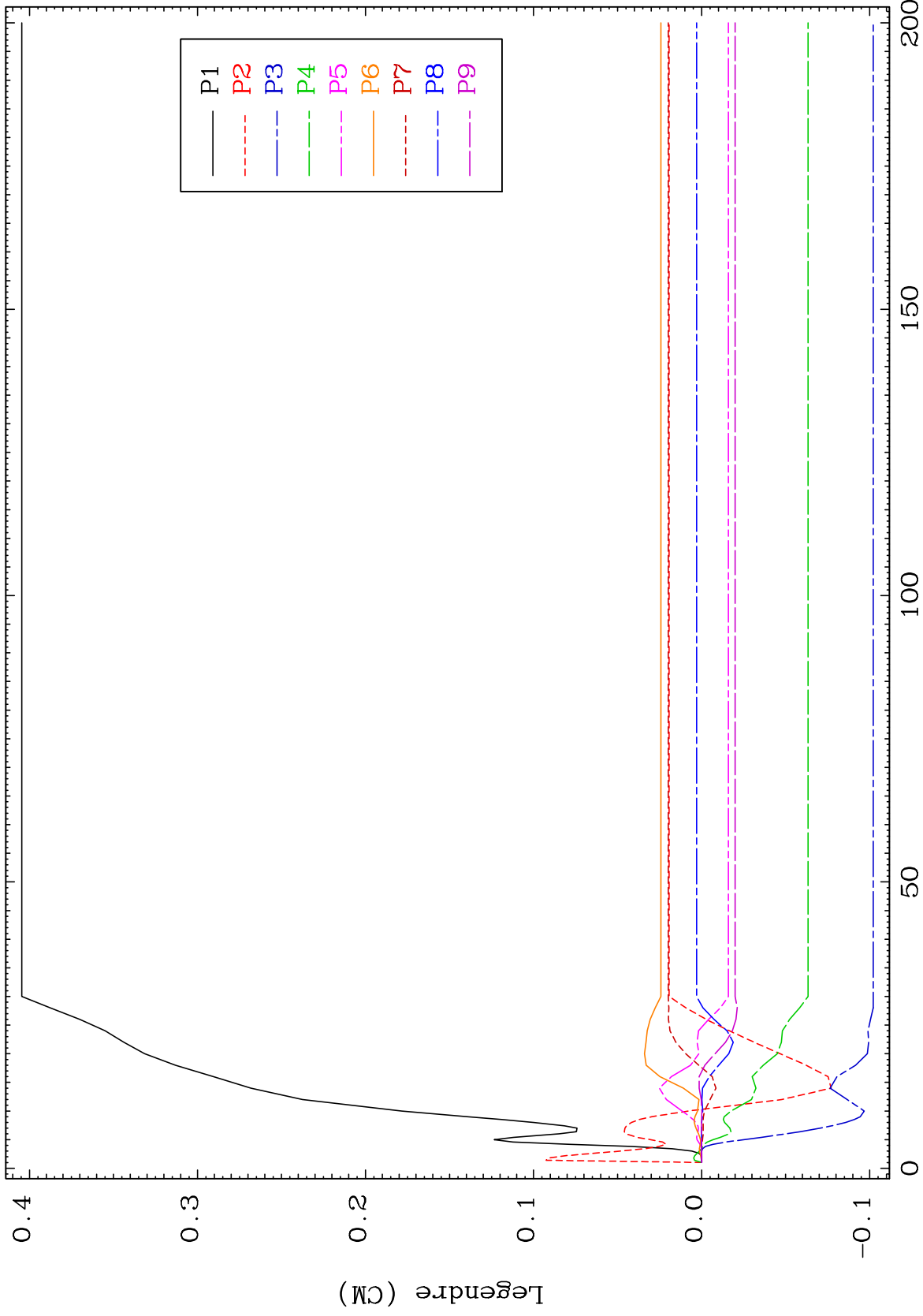




MAT 8110

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

81-T1-198



84

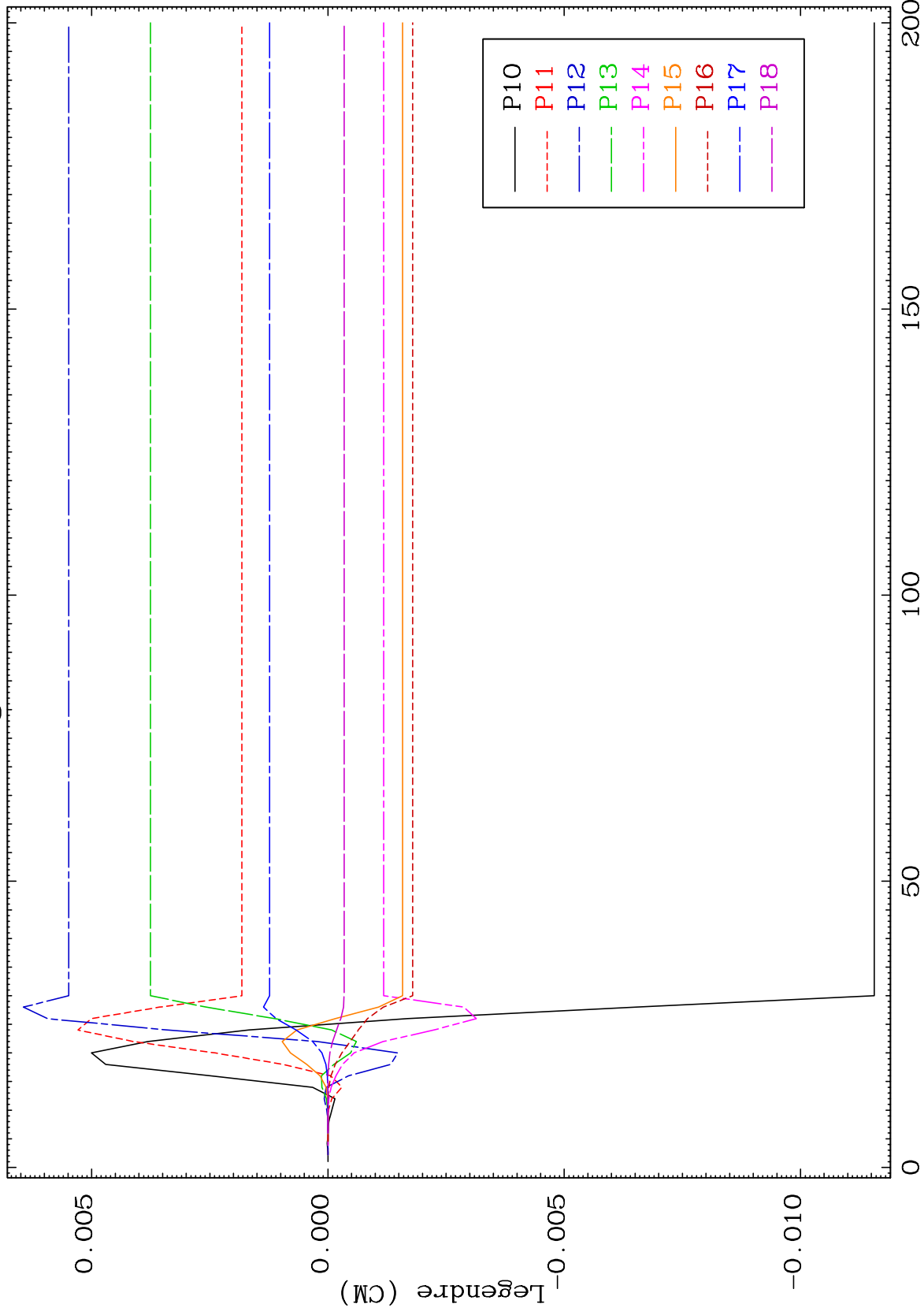
Incident Energy (MeV)

81-T1-198

MAT 8110

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

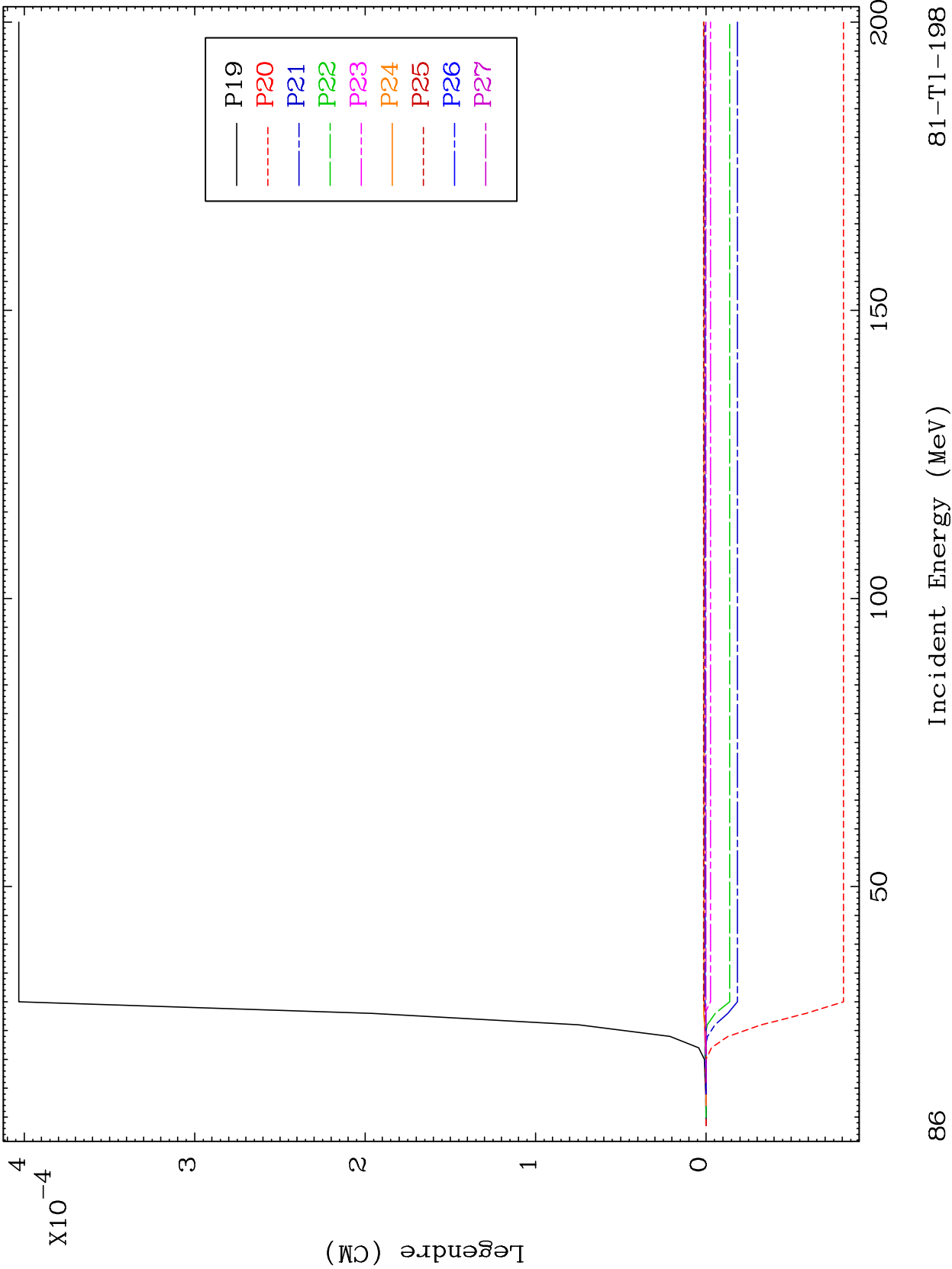
81-T1-198



85

Incident Energy (MeV)

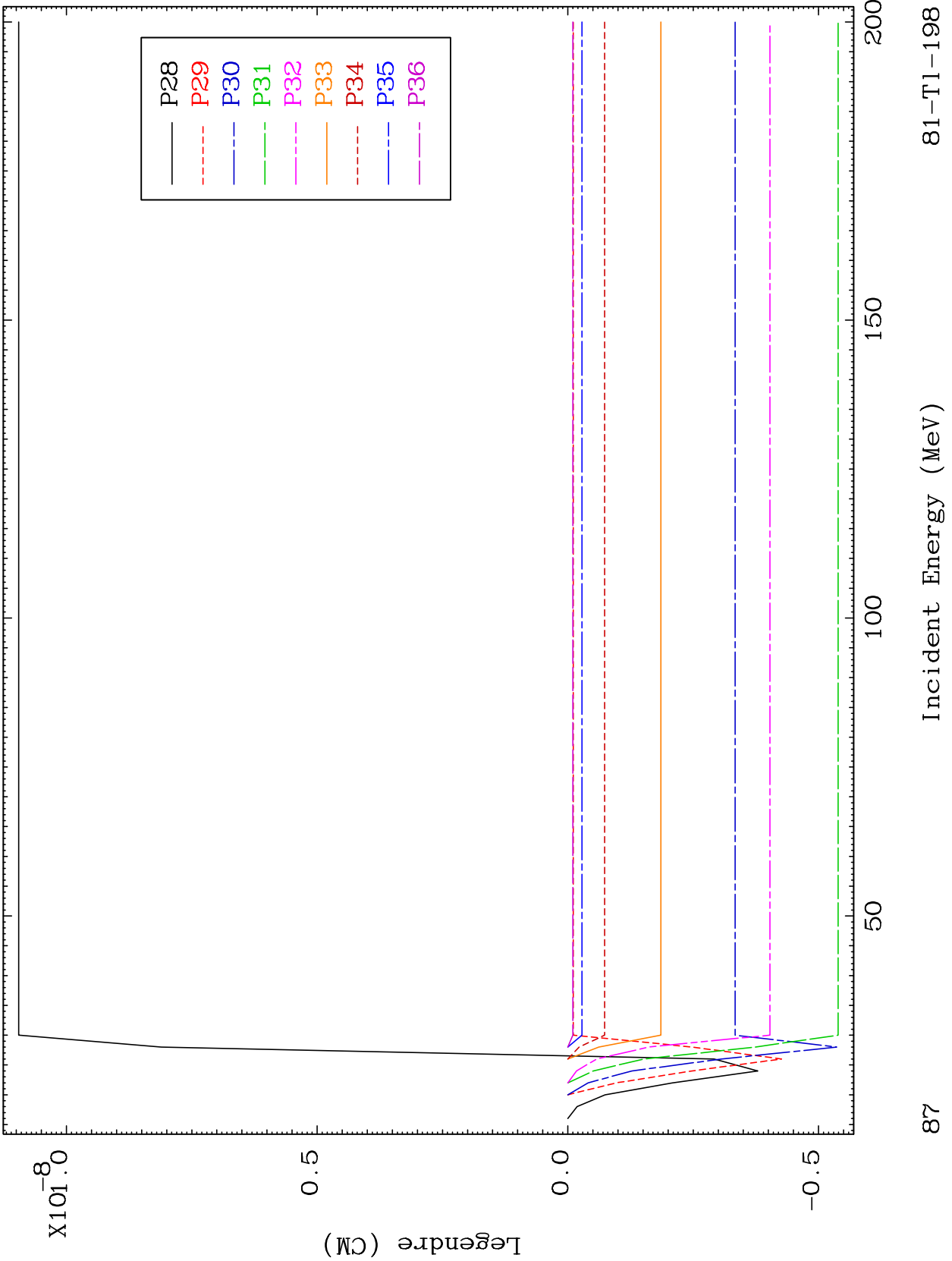
81-T1-198



MAT 8110

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

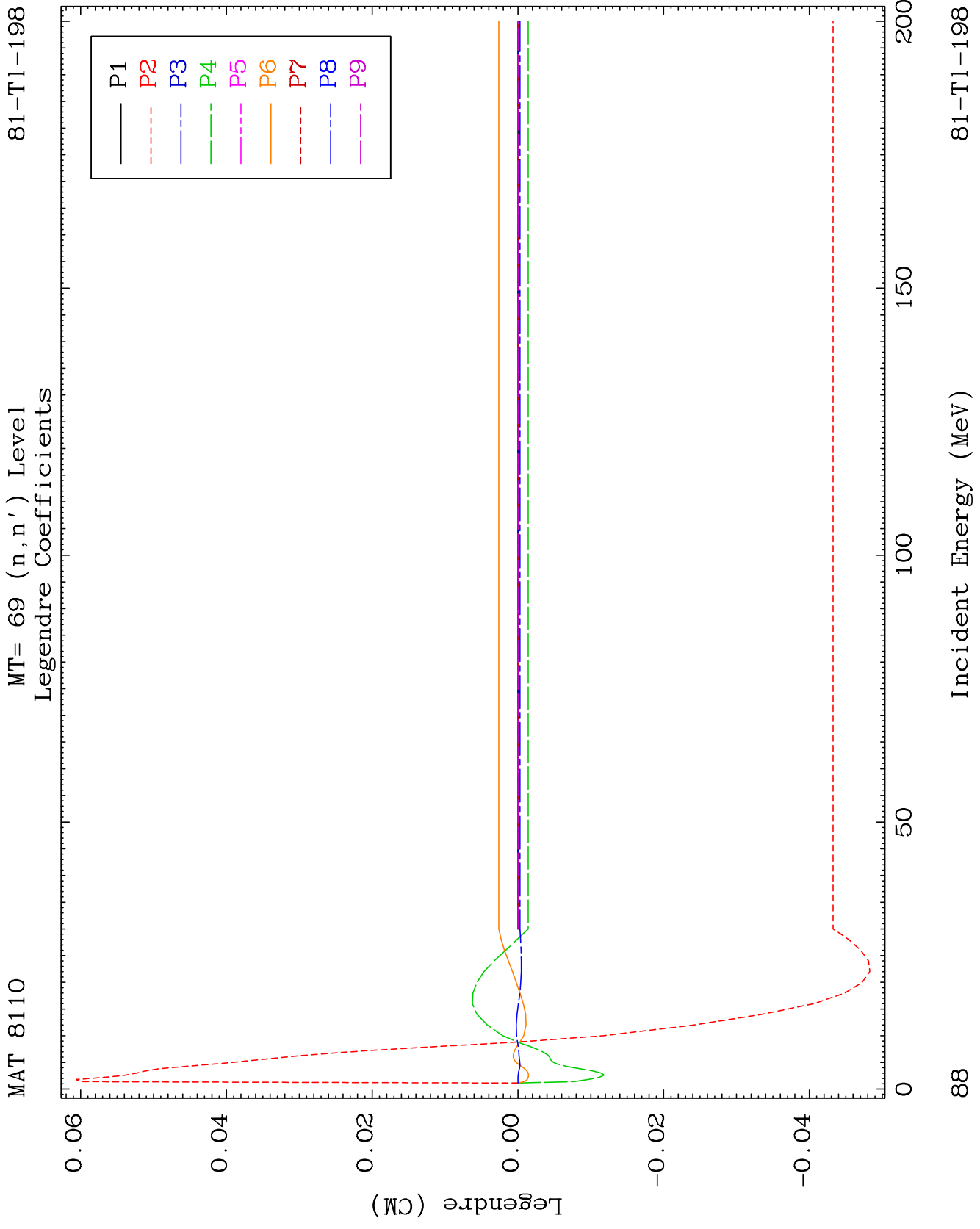
81-T1-198



87

Incident Energy (MeV)

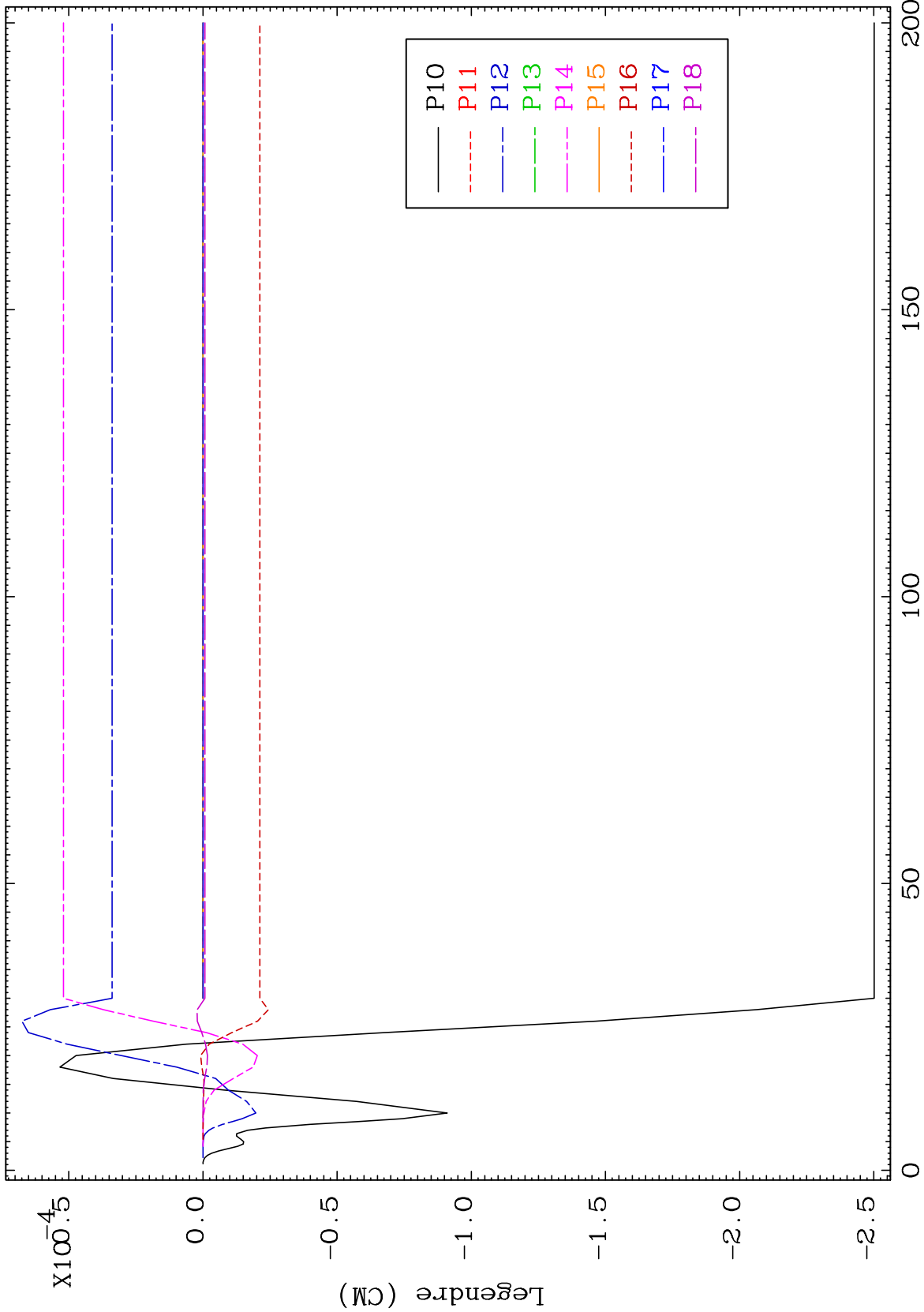
81-T1-198



MAT 8110

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

81-Tl-198



89

Incident Energy (MeV)

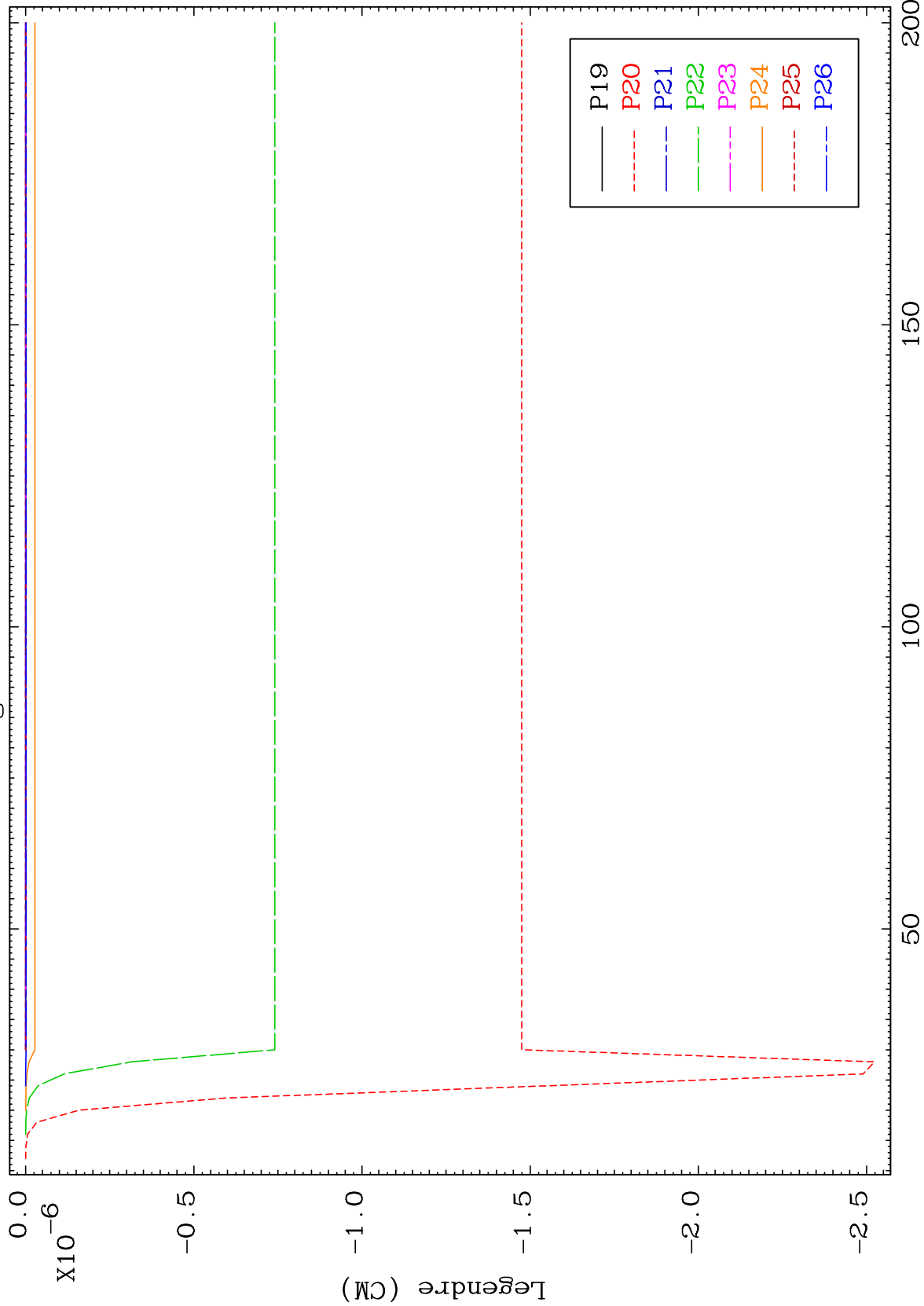
81-Tl-198

MAT 8110

MT= 69 (n,n') Level

81-T1-198

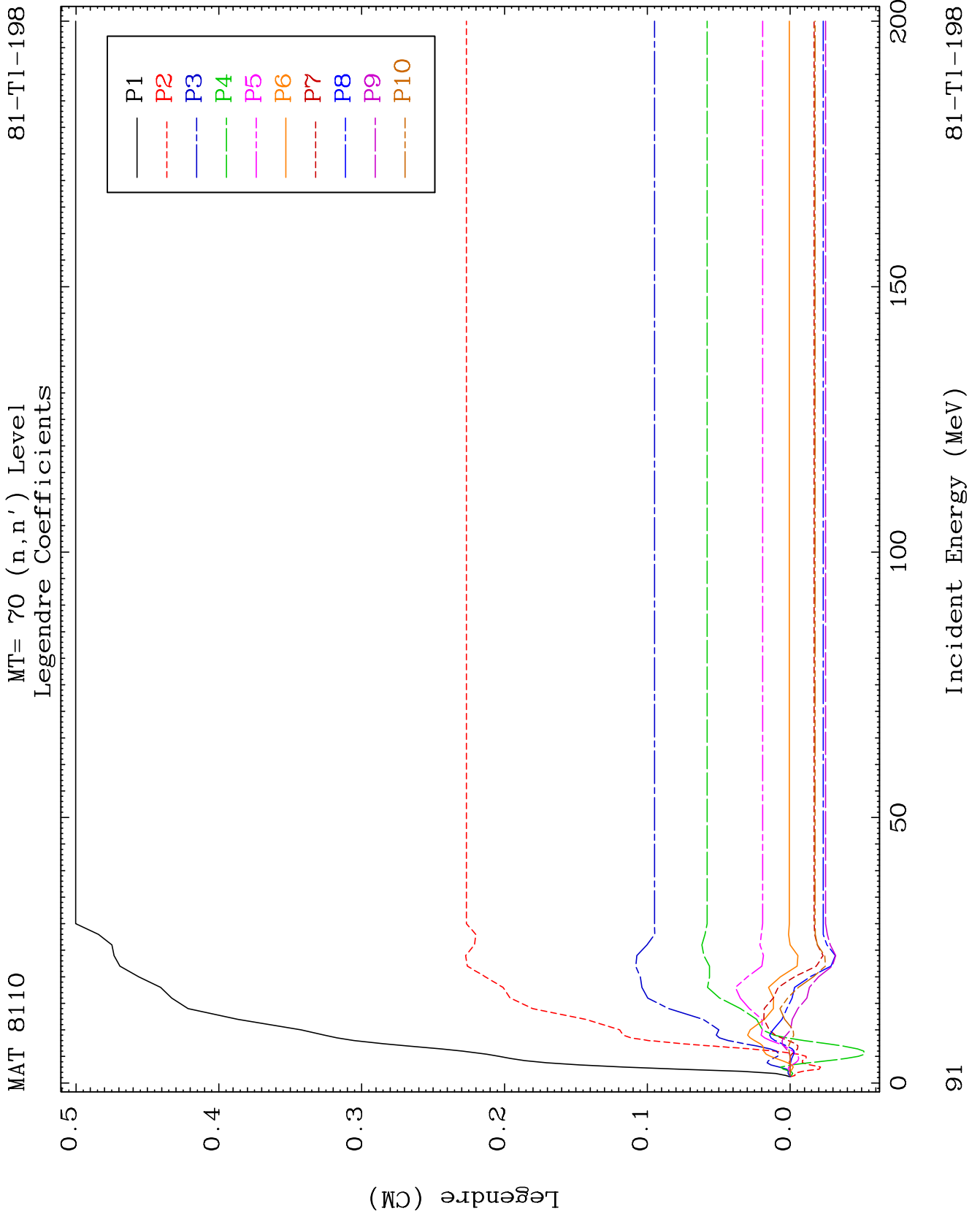
Legendre Coefficients



81-T1-198

Incident Energy (MeV)

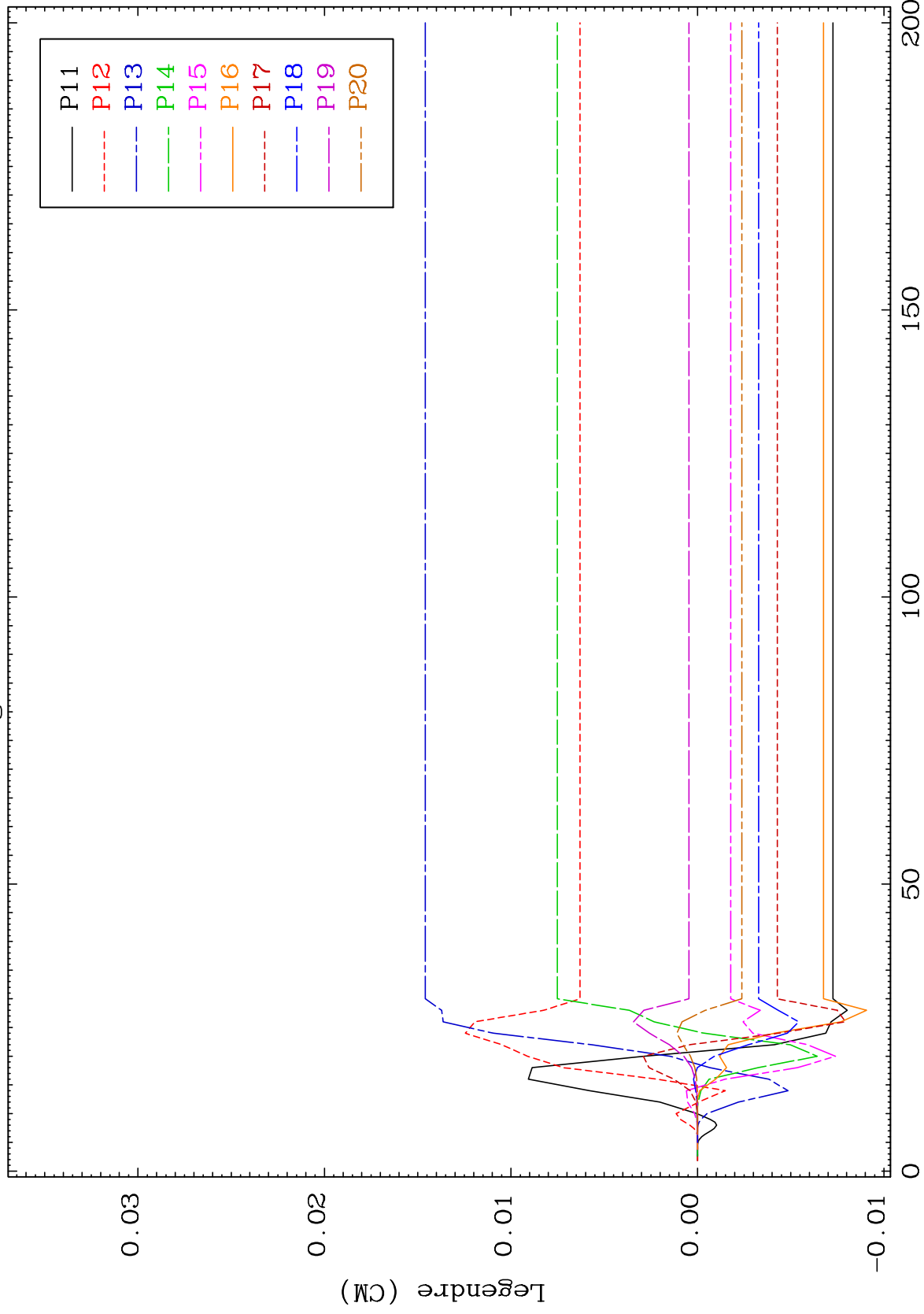
90



MAT 8110

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

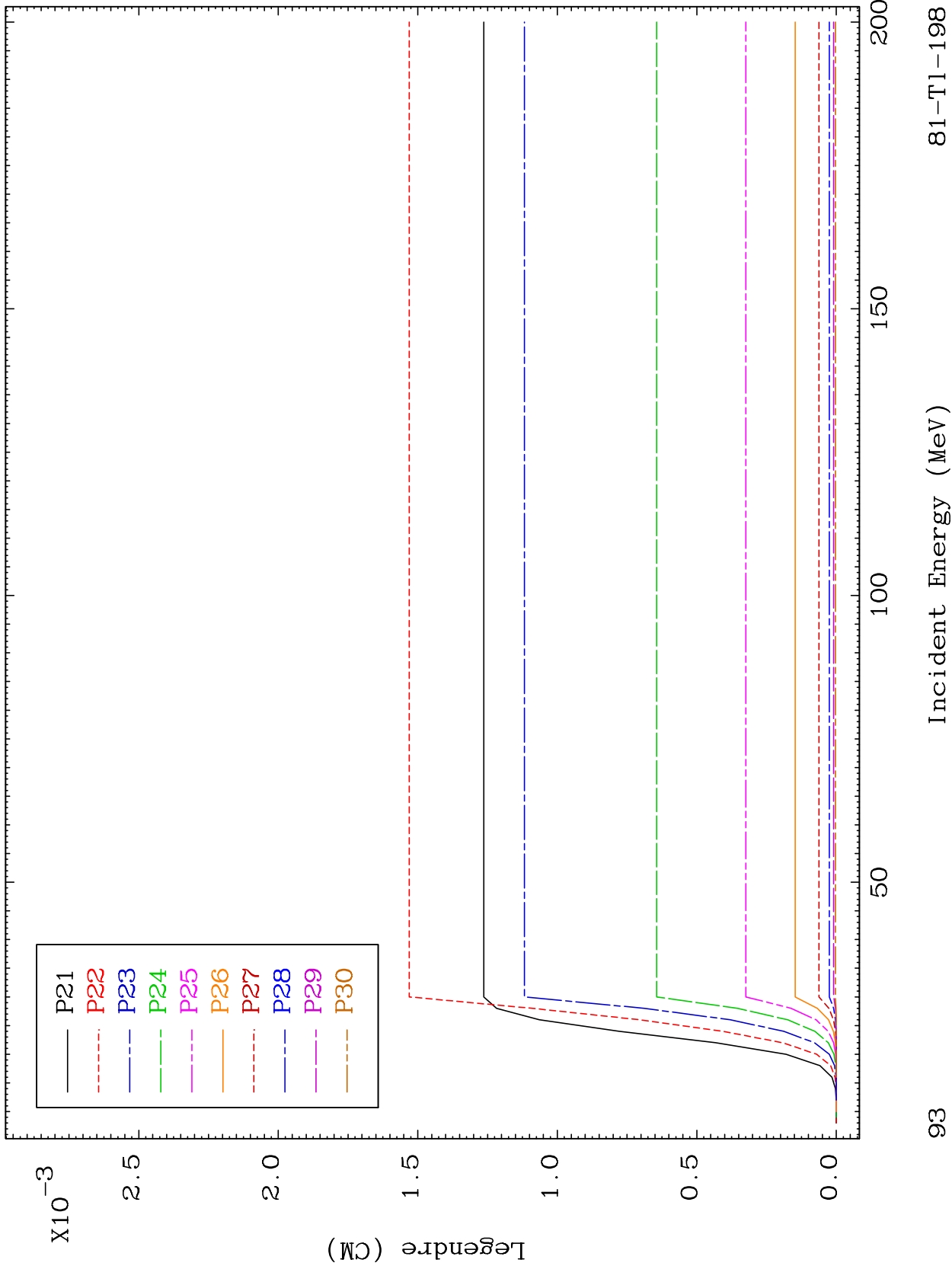
81-T1-198

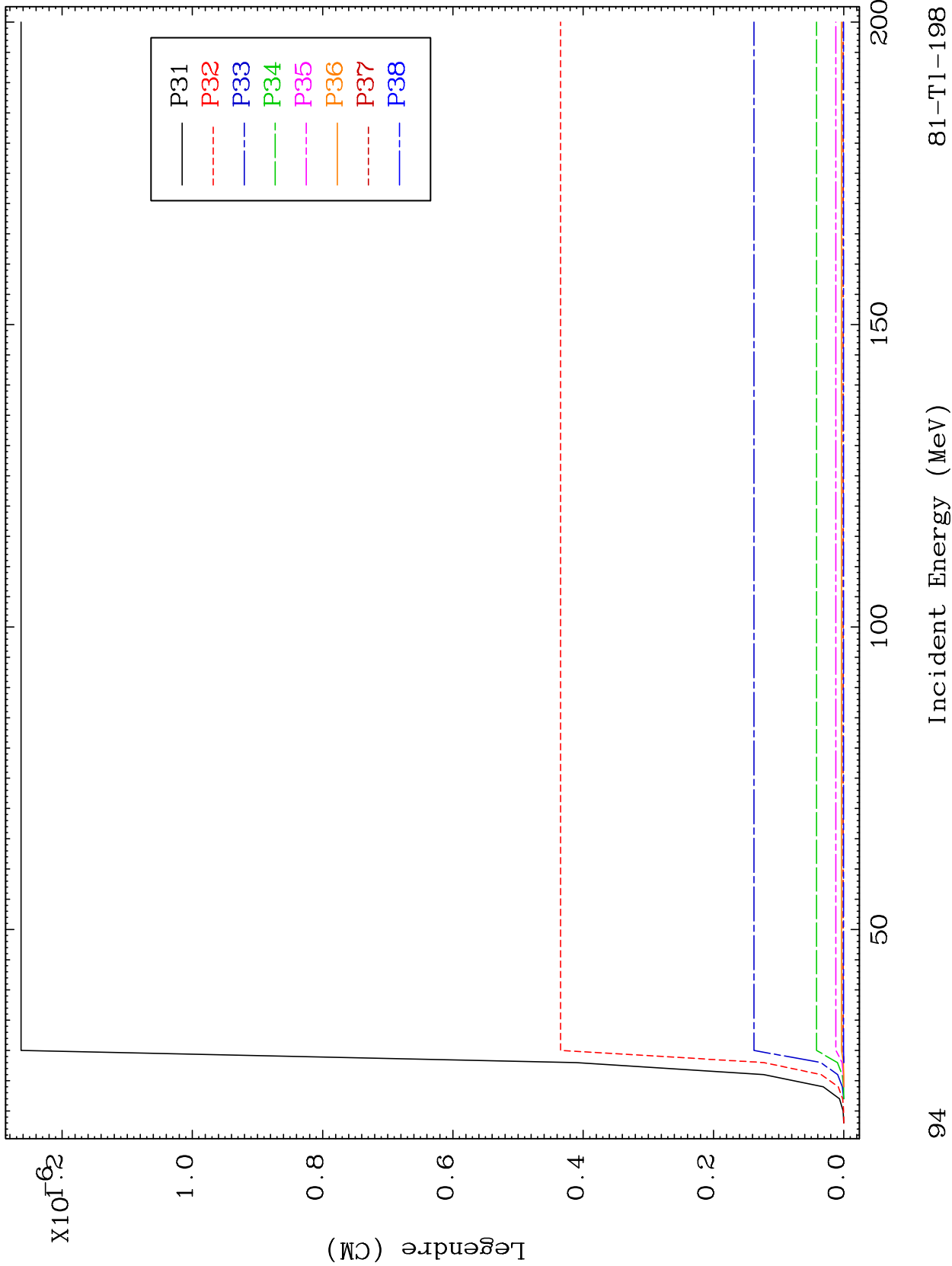


92

Incident Energy (MeV)

81-T1-198

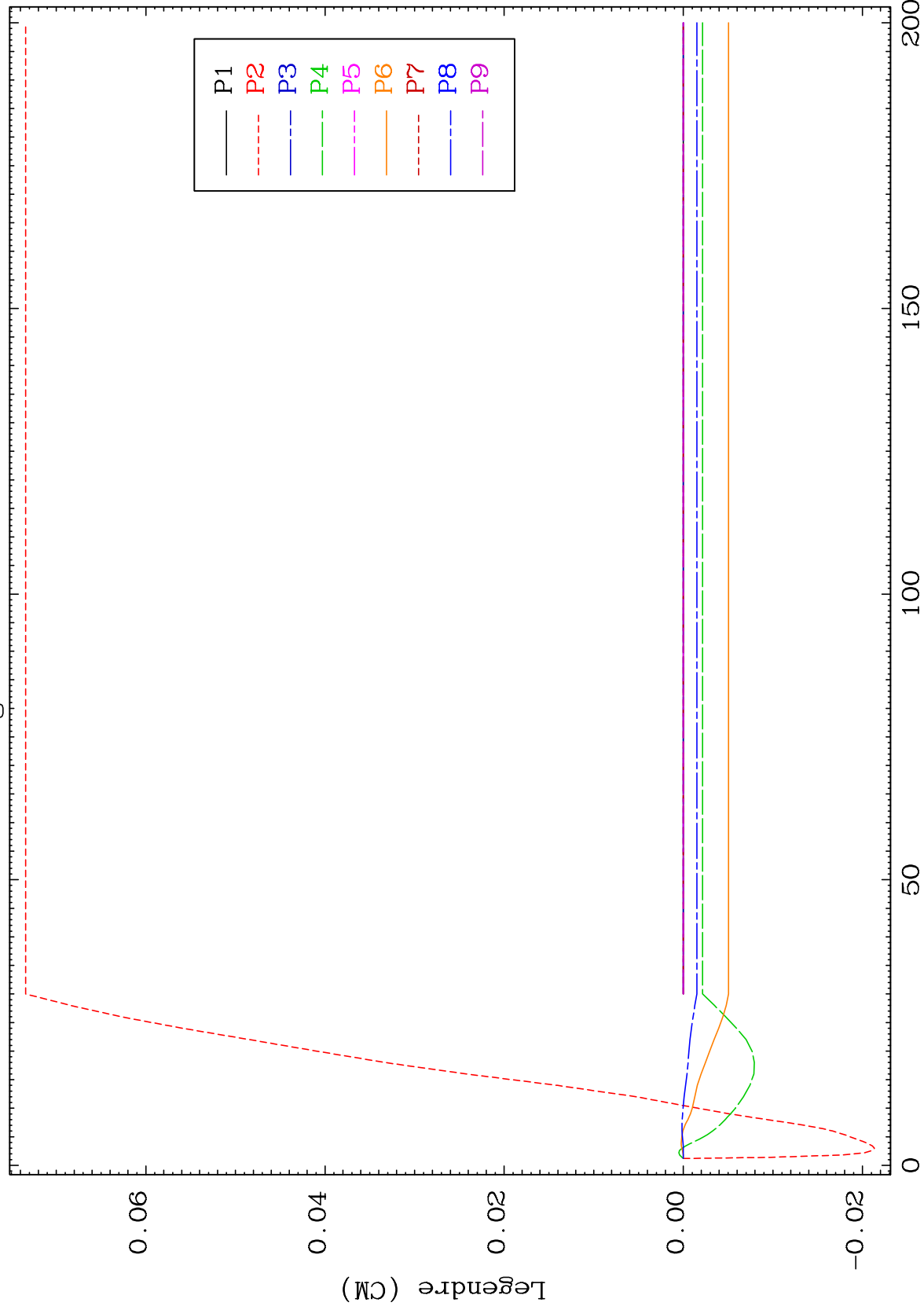




MAT 8110

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

81-T1-198



81-T1-198

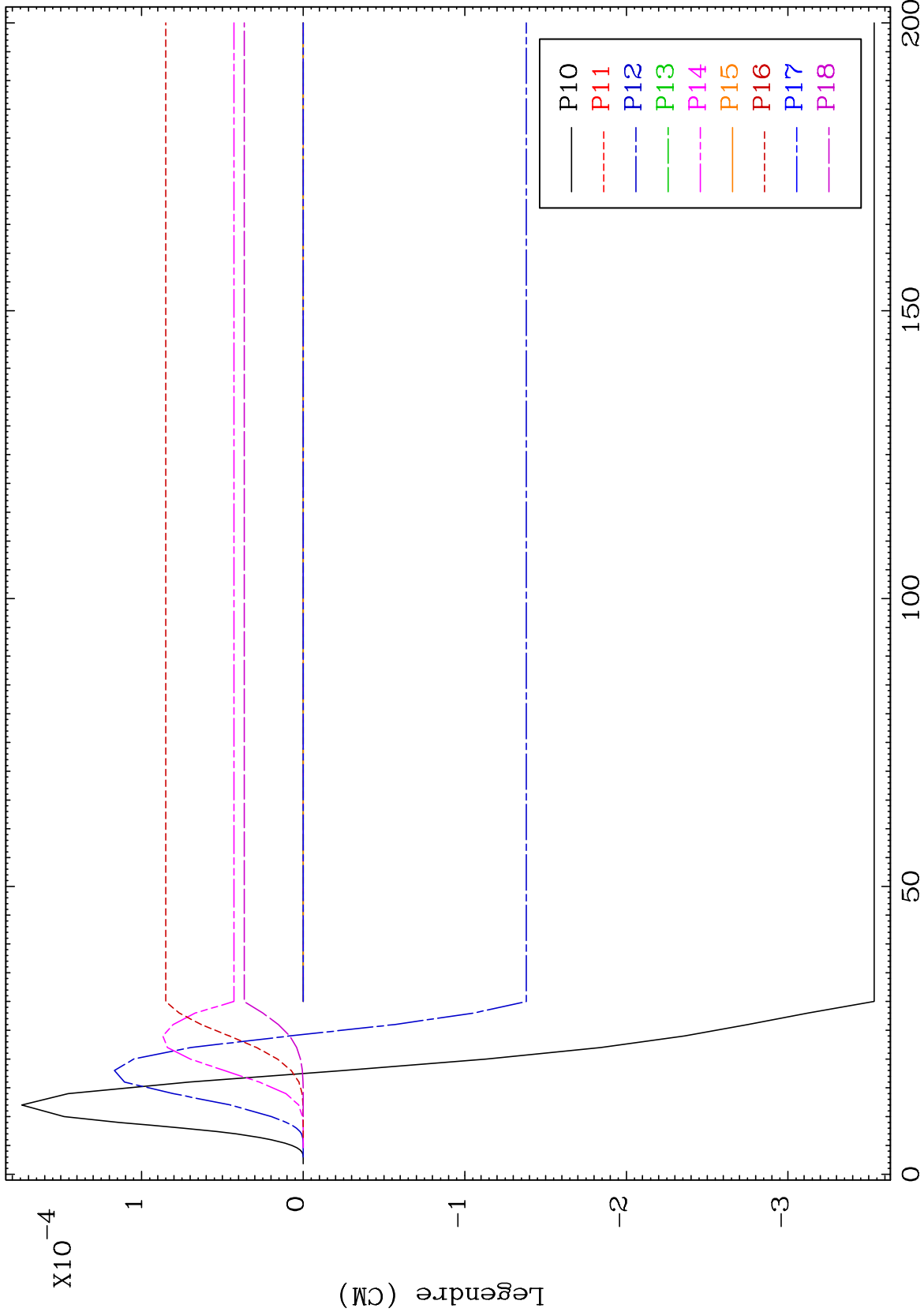
Incident Energy (MeV)

95

MAT 8110

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

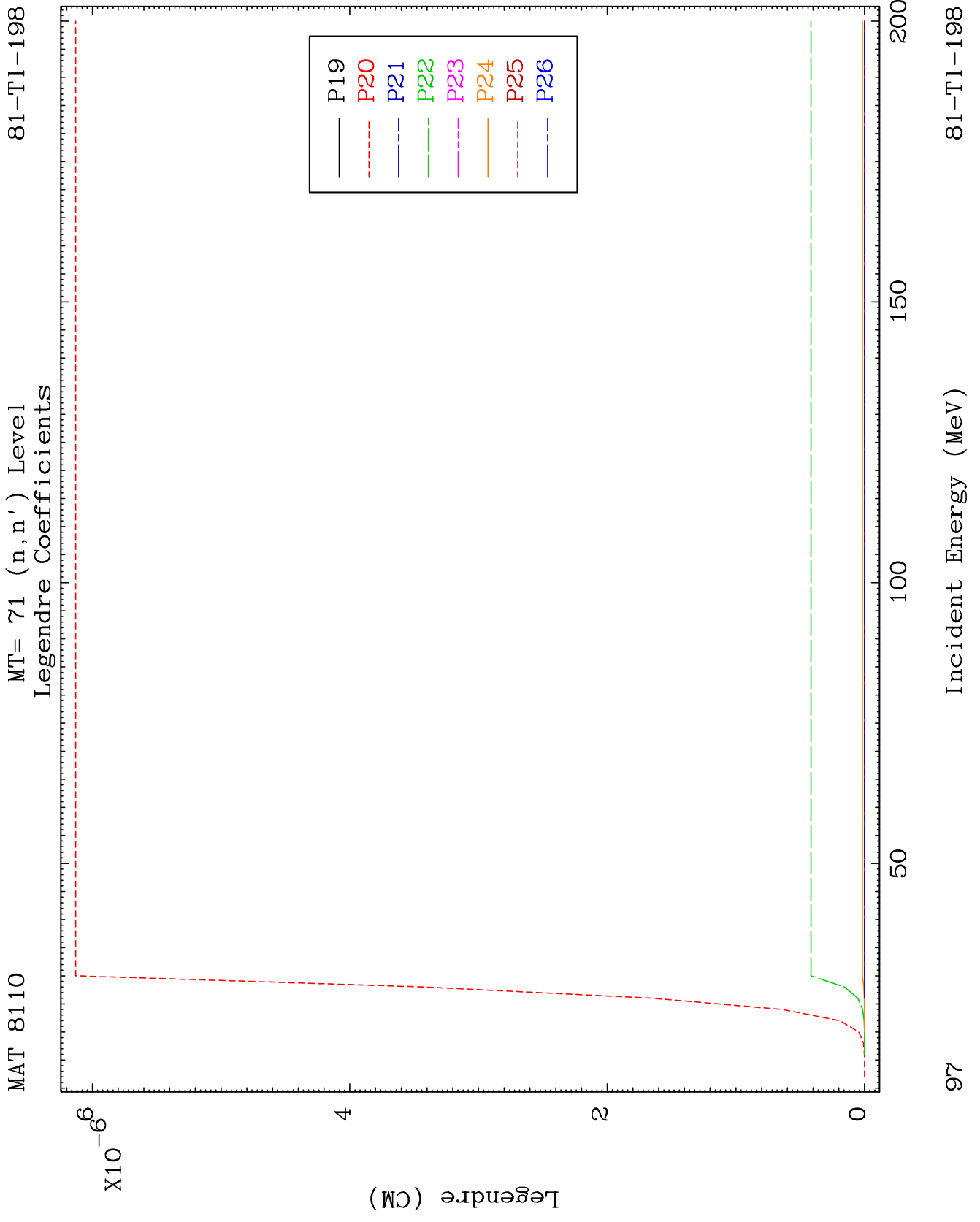
81-Tl-198



96

Incident Energy (MeV)

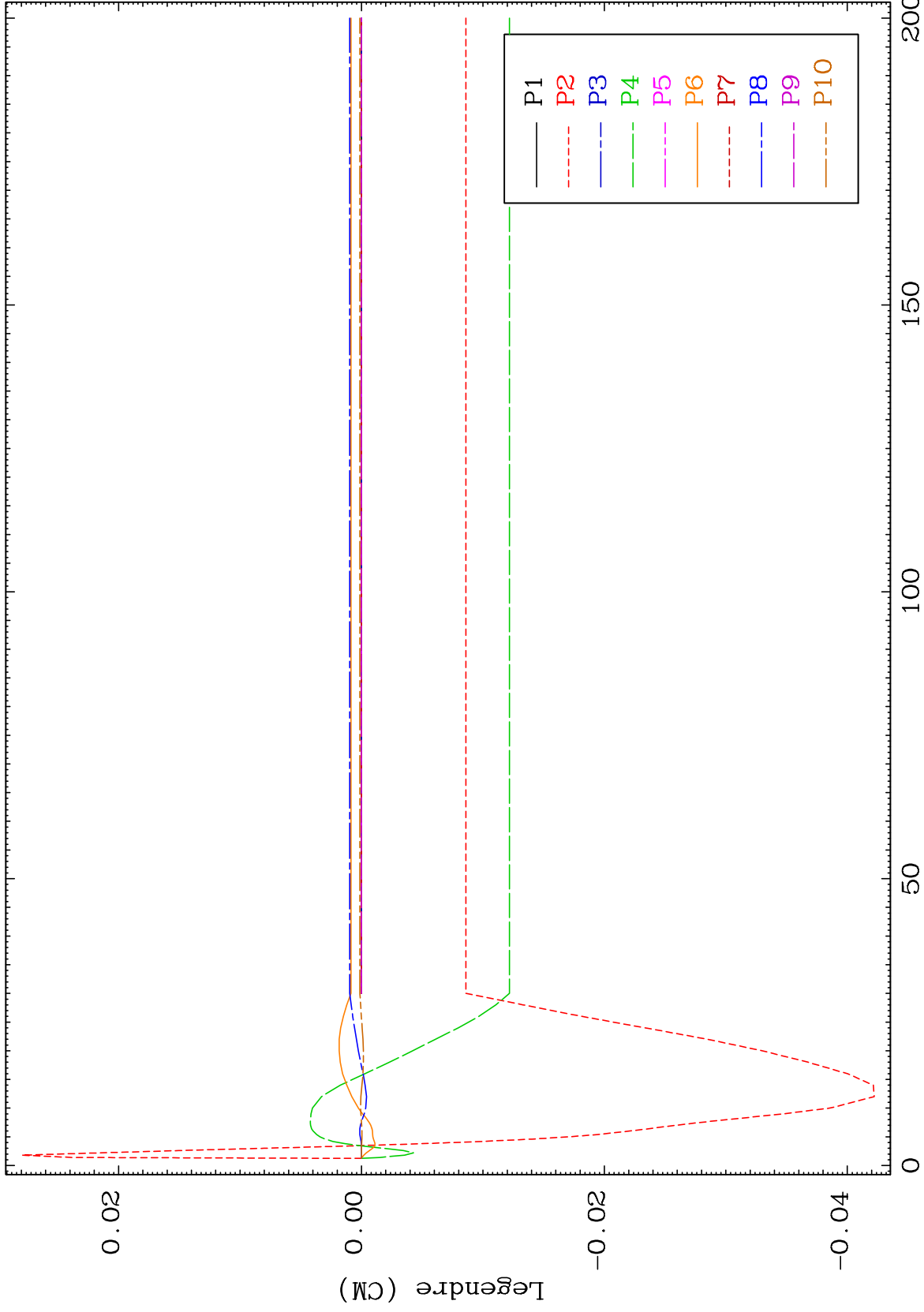
81-Tl-198



MAT 8110

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

81-T1-198



98

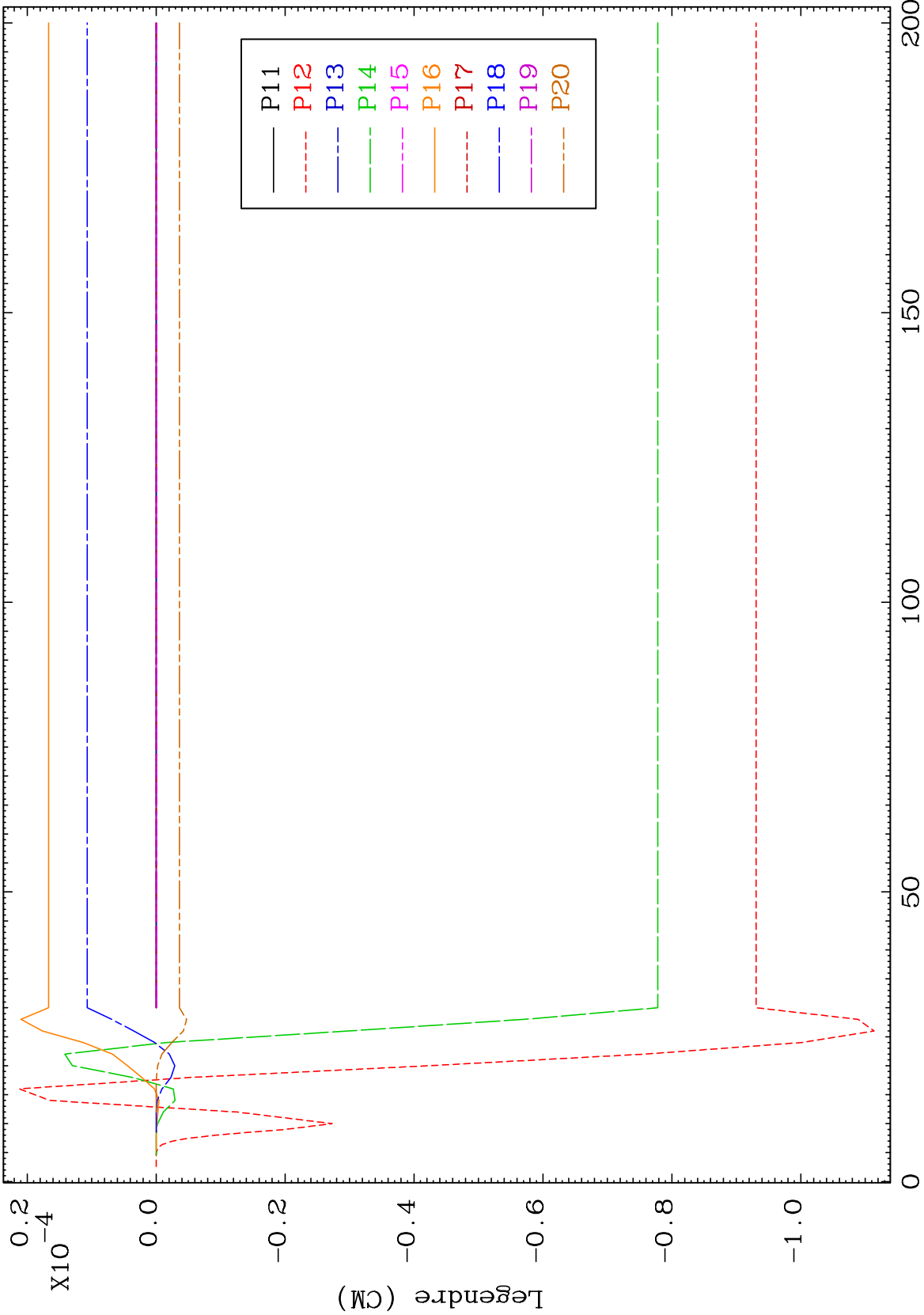
Incident Energy (MeV)

81-T1-198

MAT 8110

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

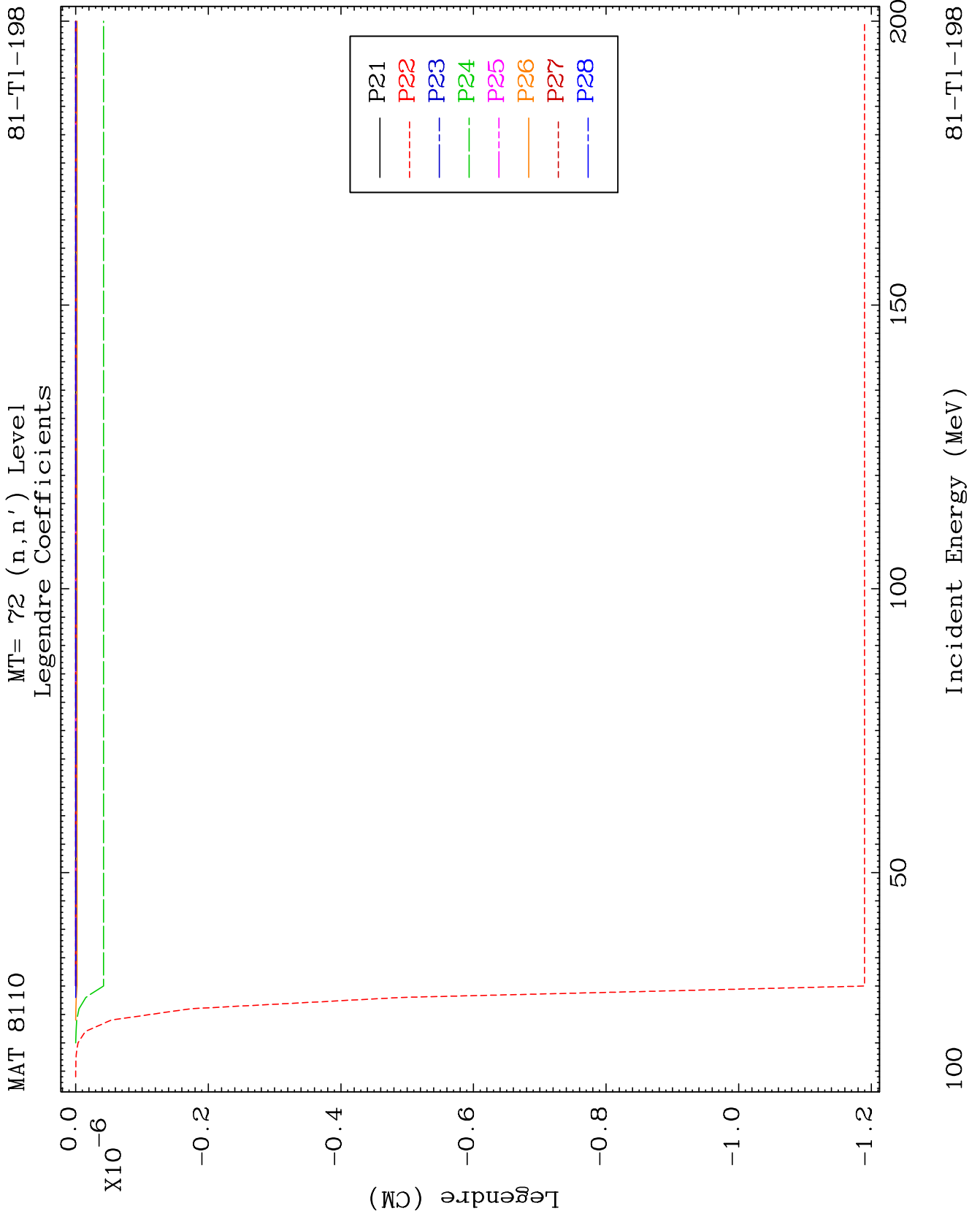
81-T1-198

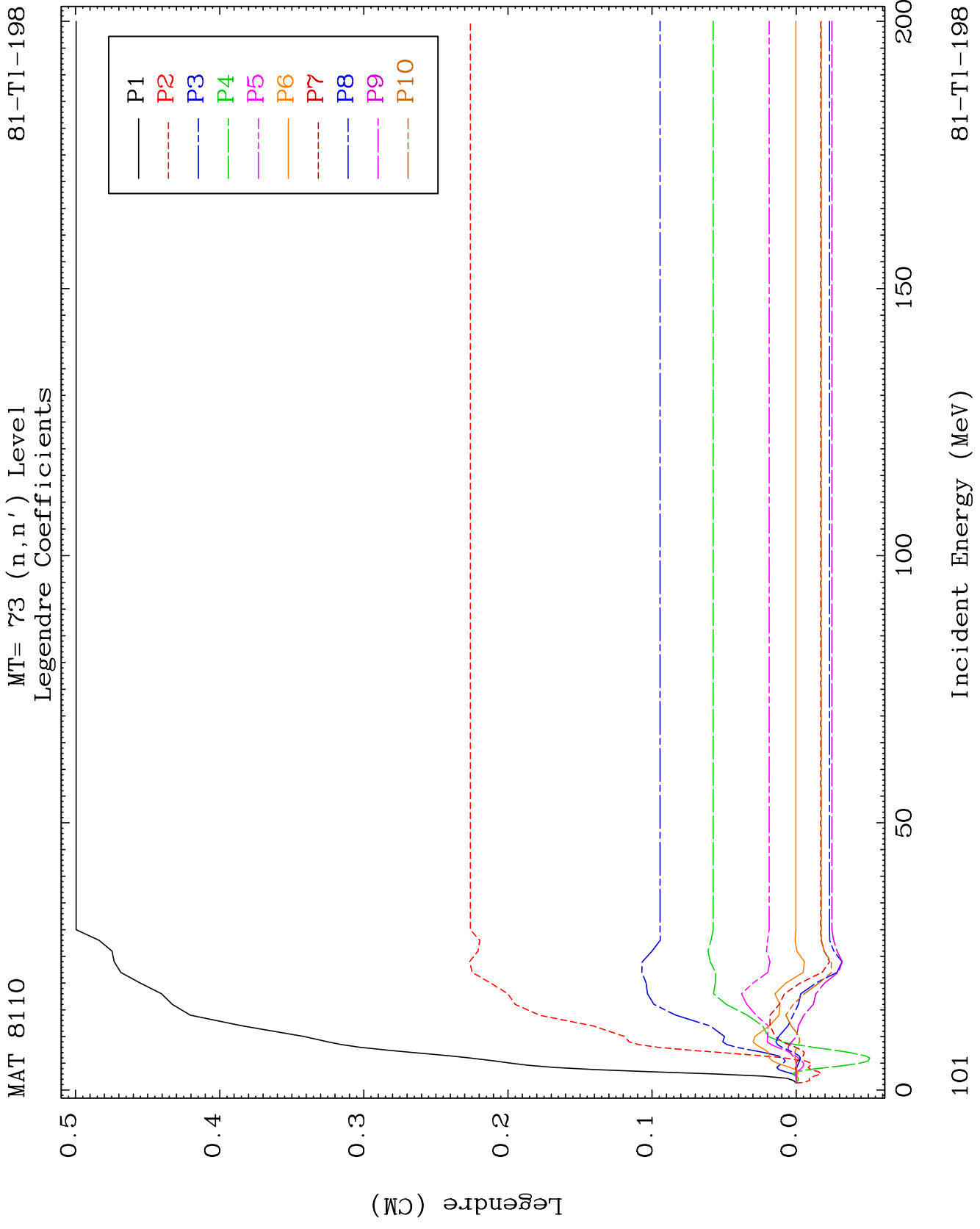


99

Incident Energy (MeV)

81-T1-198

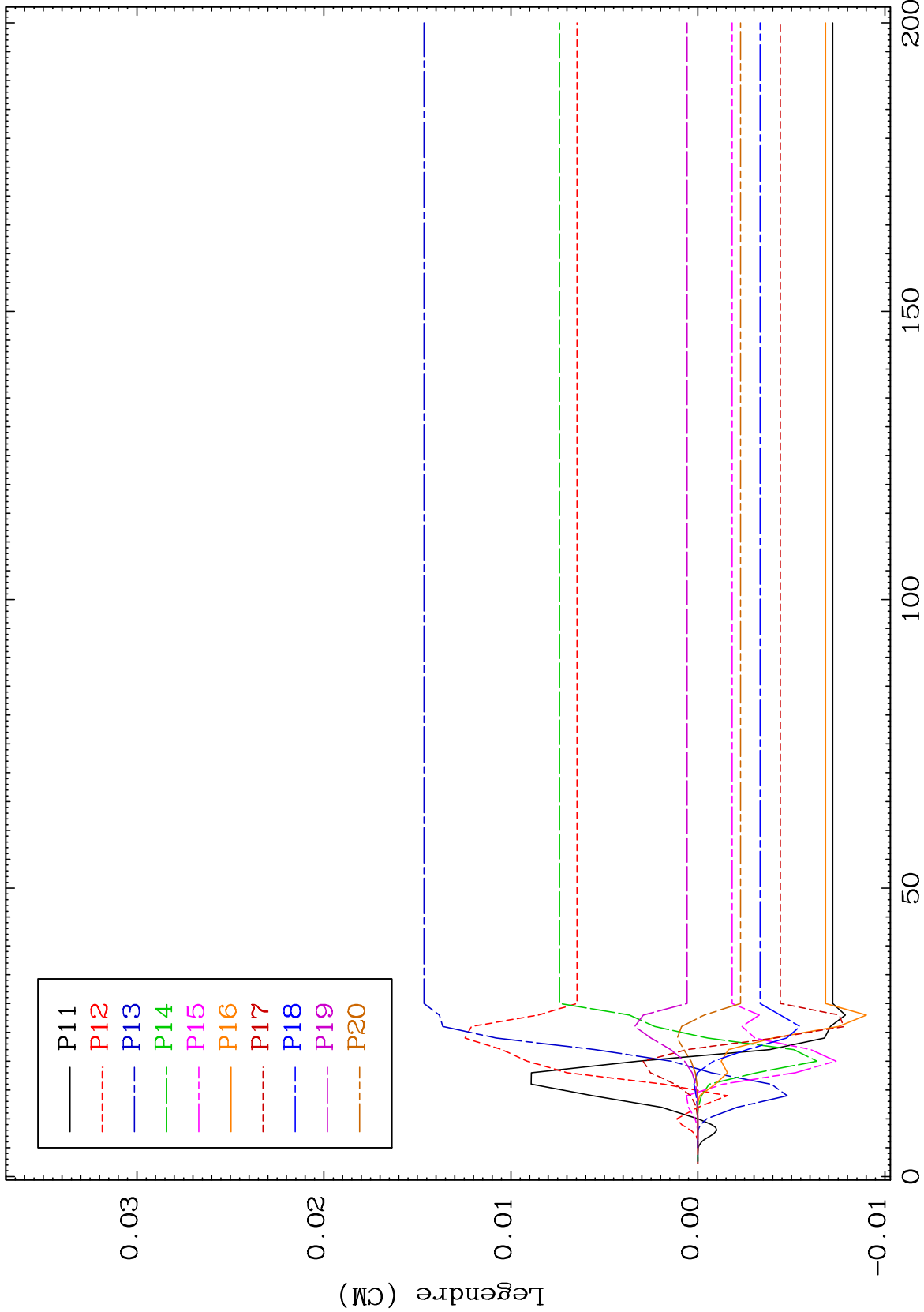




MAT 8110

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

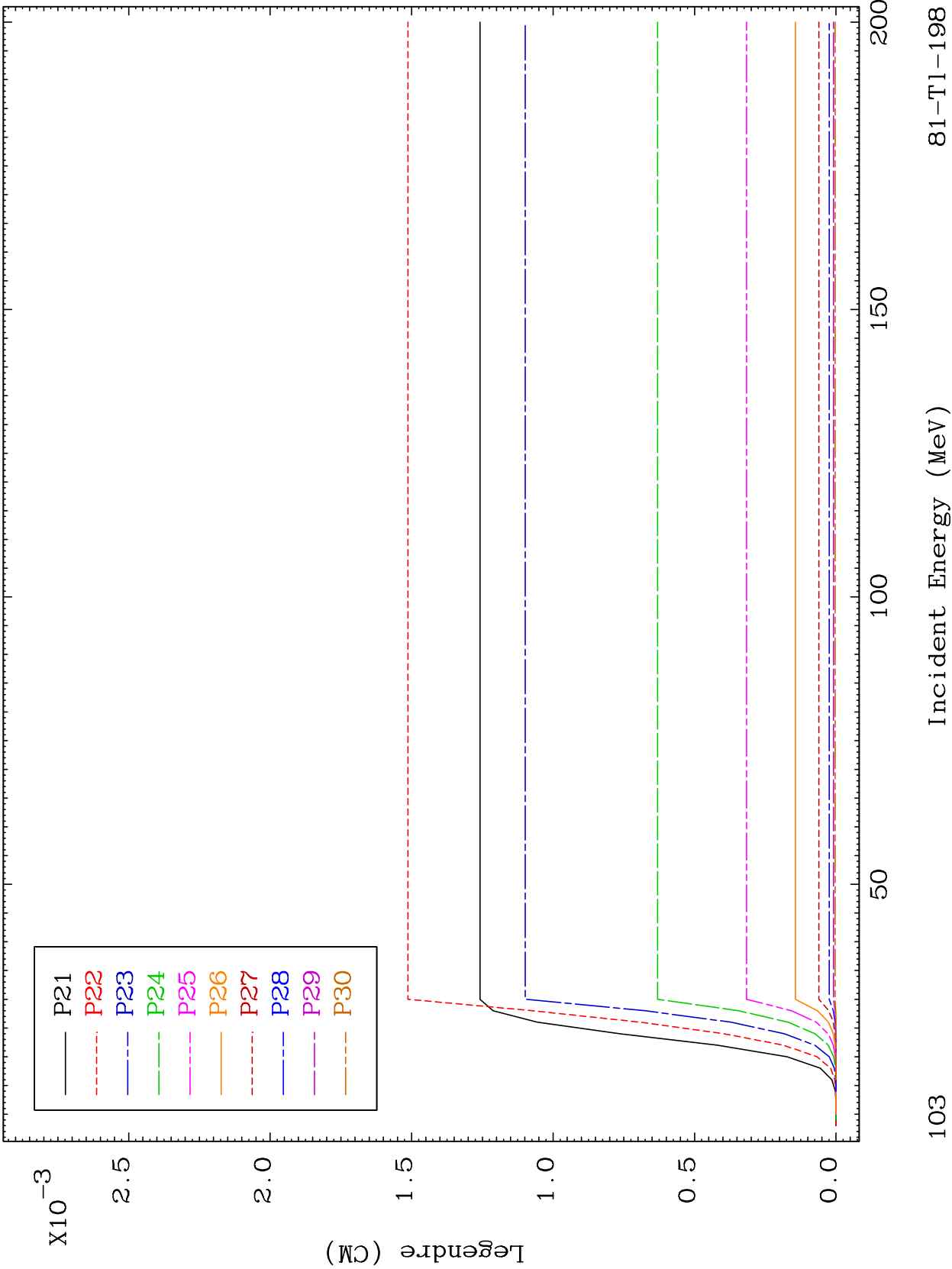
81-T1-198



102

Incident Energy (MeV)

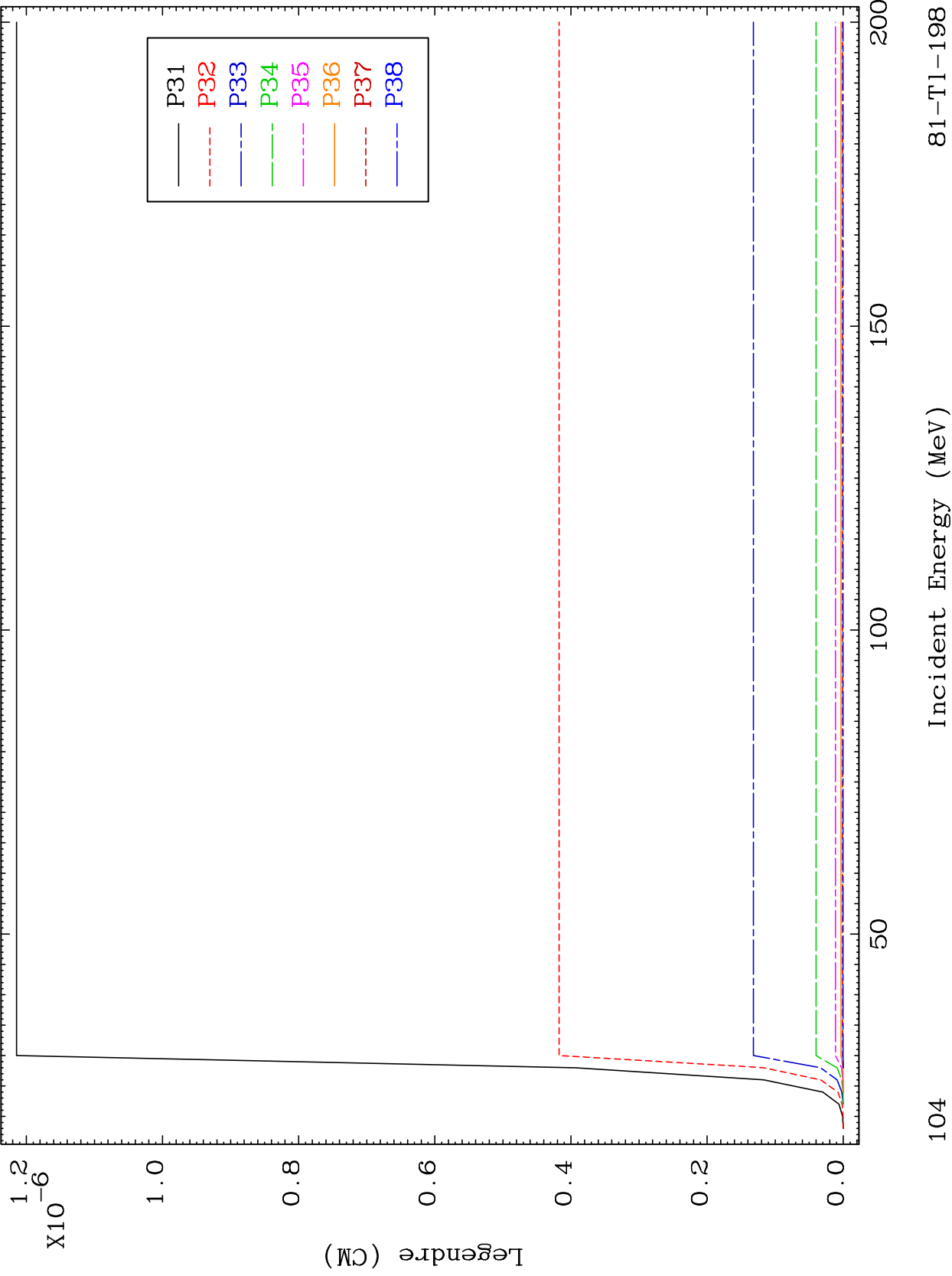
81-T1-198



MAT 8110

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

81-T1-198



104

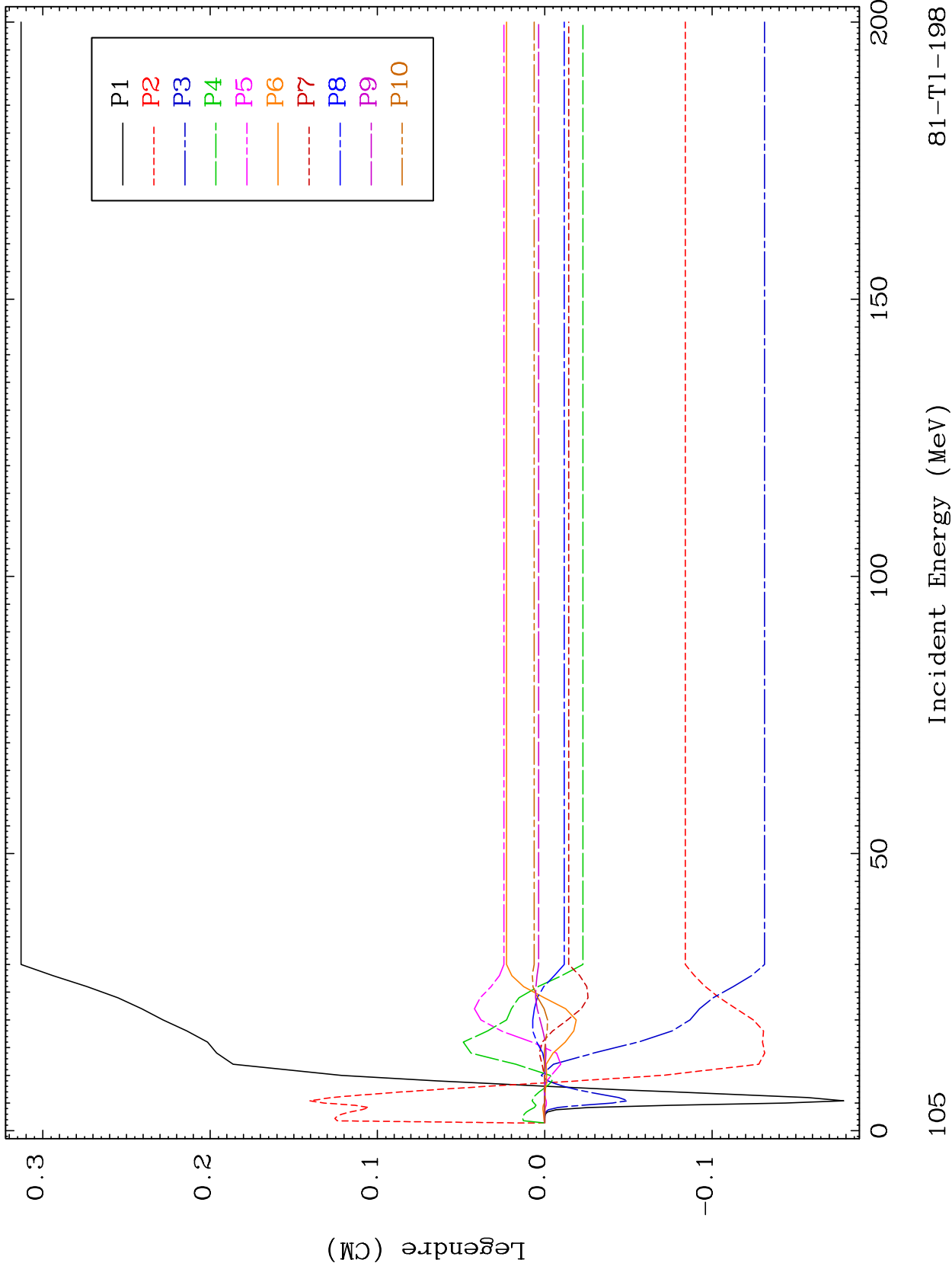
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-T1-198

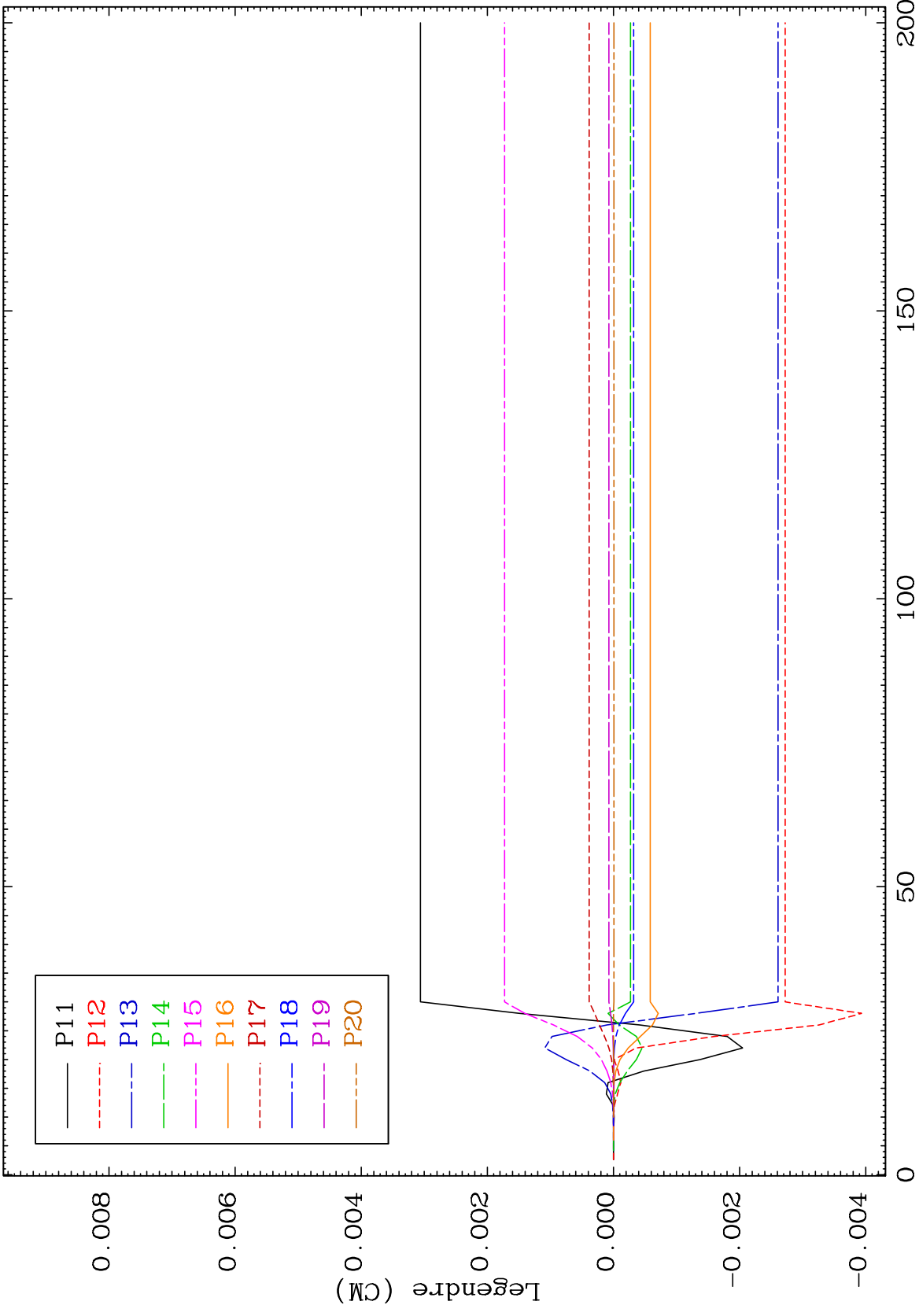


81-T1-198

MAT 8110

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

81-T1-198



106

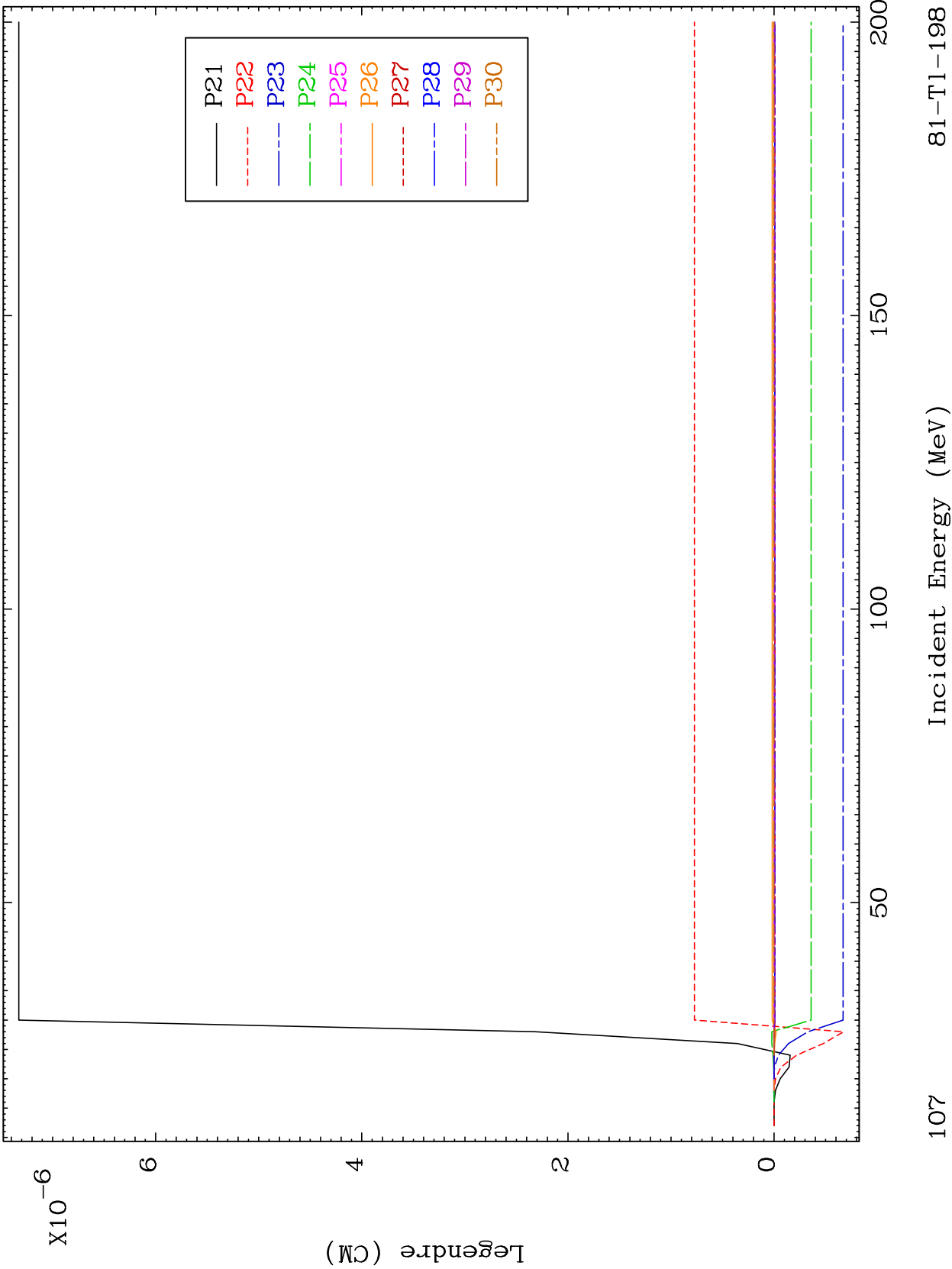
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-T1-198



107

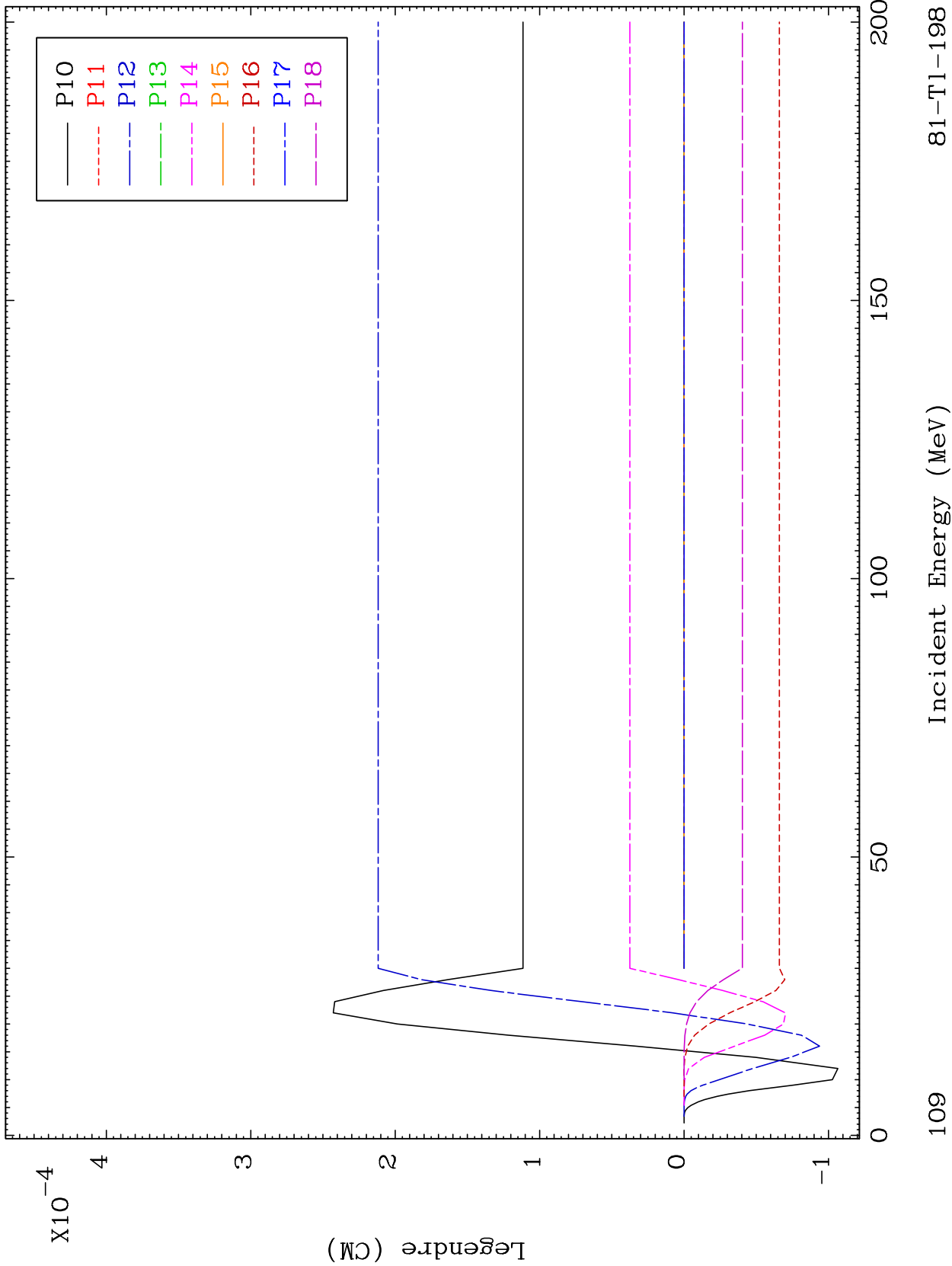
Incident Energy (MeV)

81-T1-198

MAT 8110

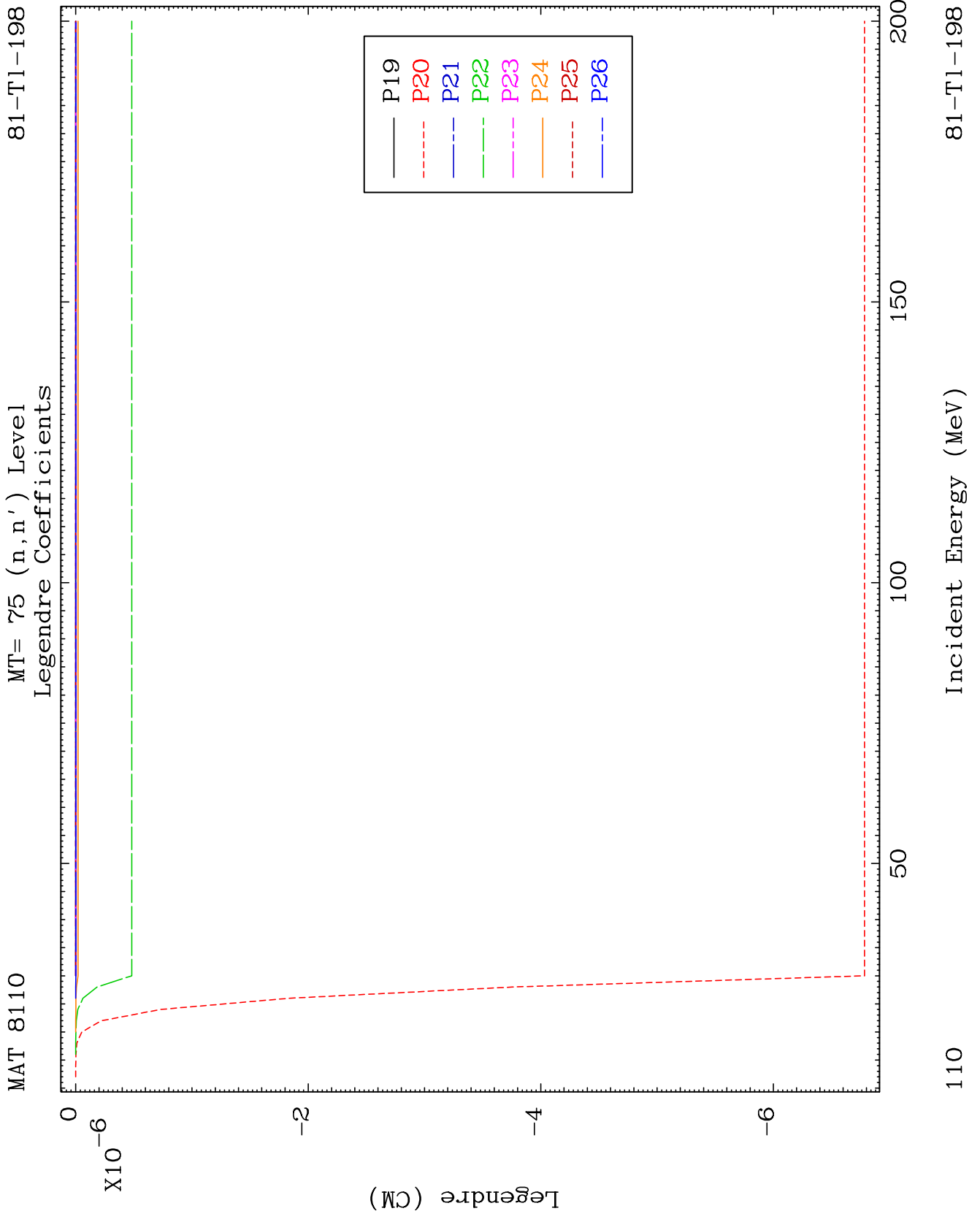
MT= 75 (n,n') Level
Legendre Coefficients

81-T1-198



109

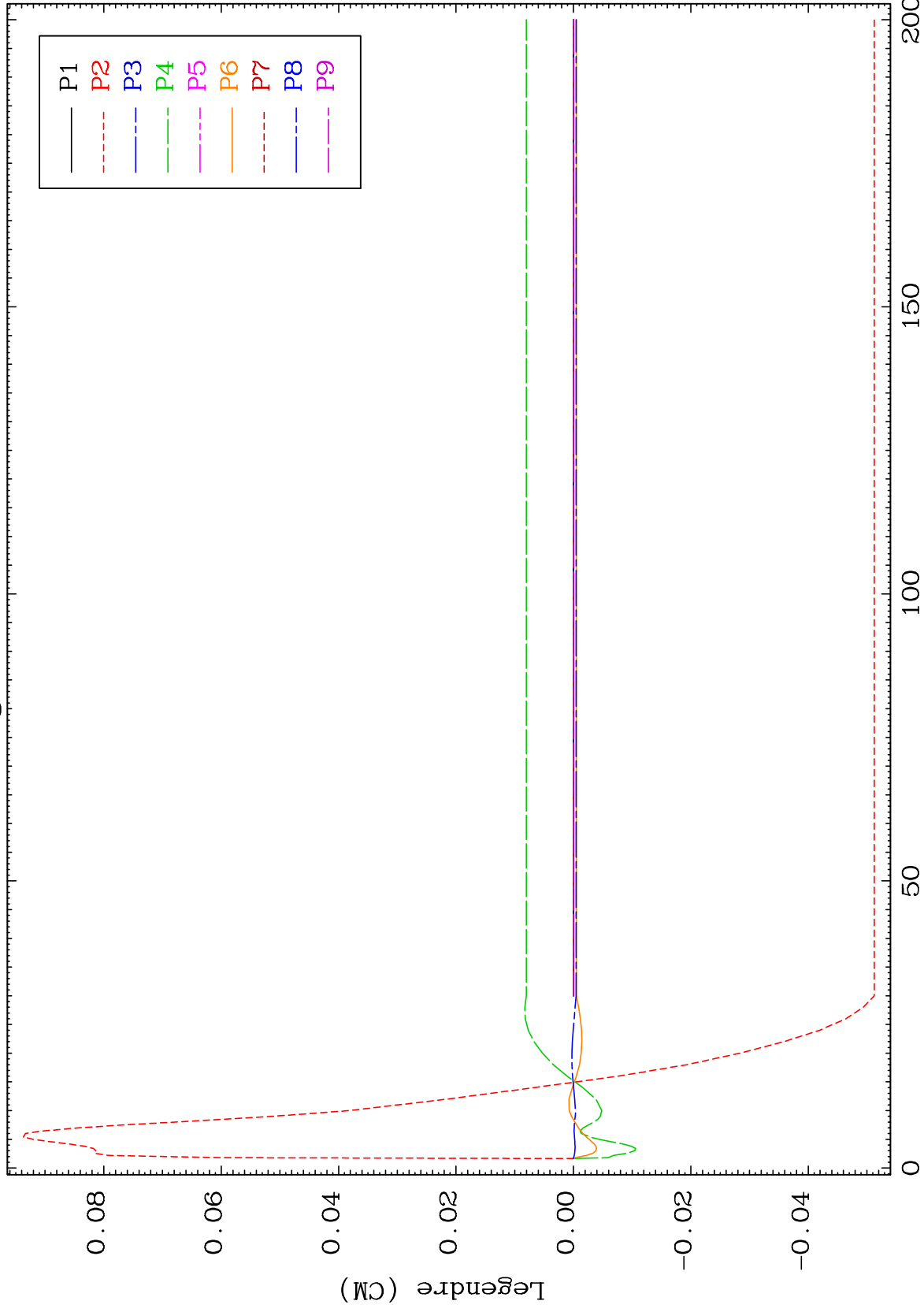
81-T1-198



MAT 8110

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

81-T1-198



111

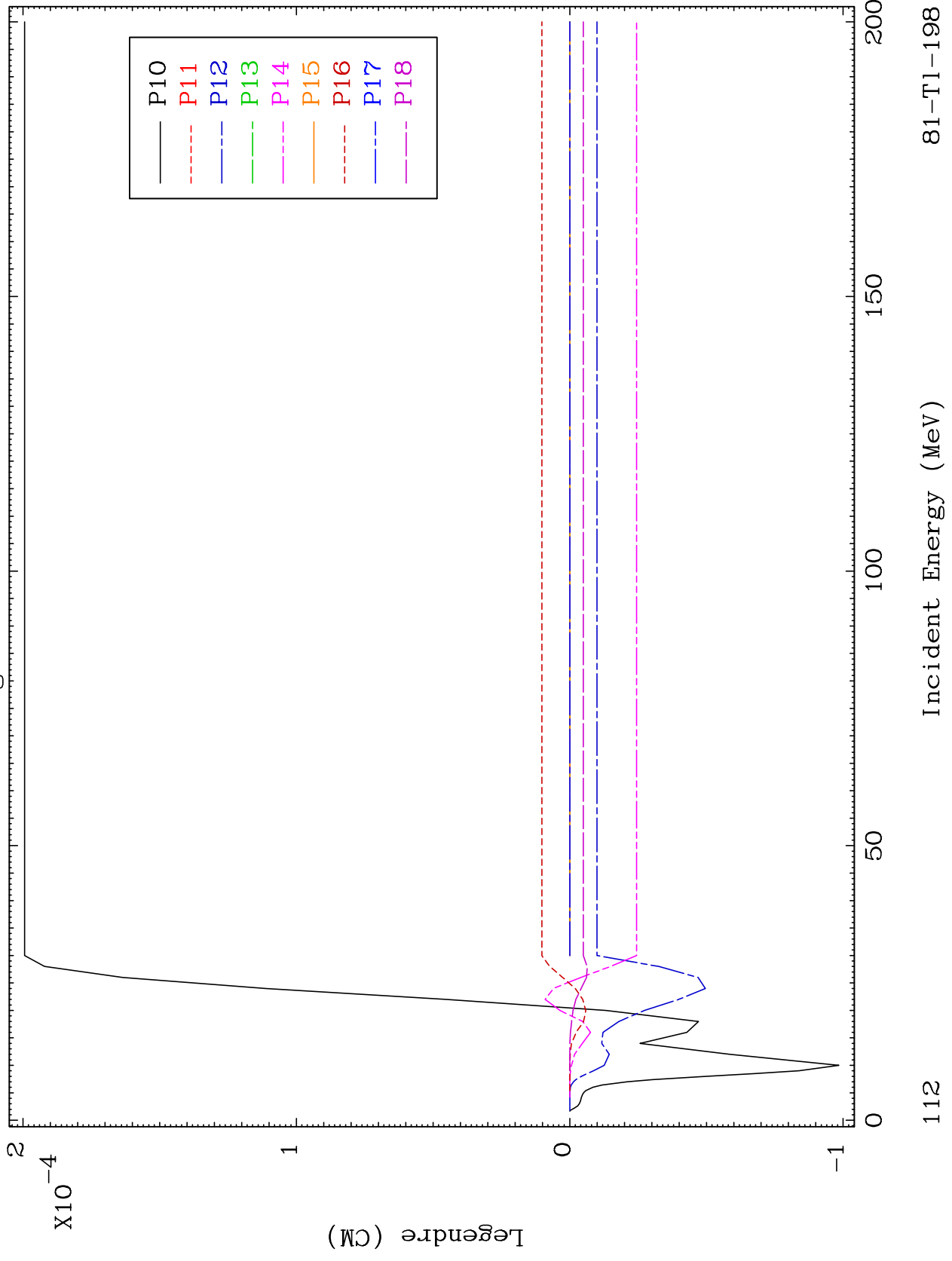
Incident Energy (MeV)

81-T1-198

MAT 8110

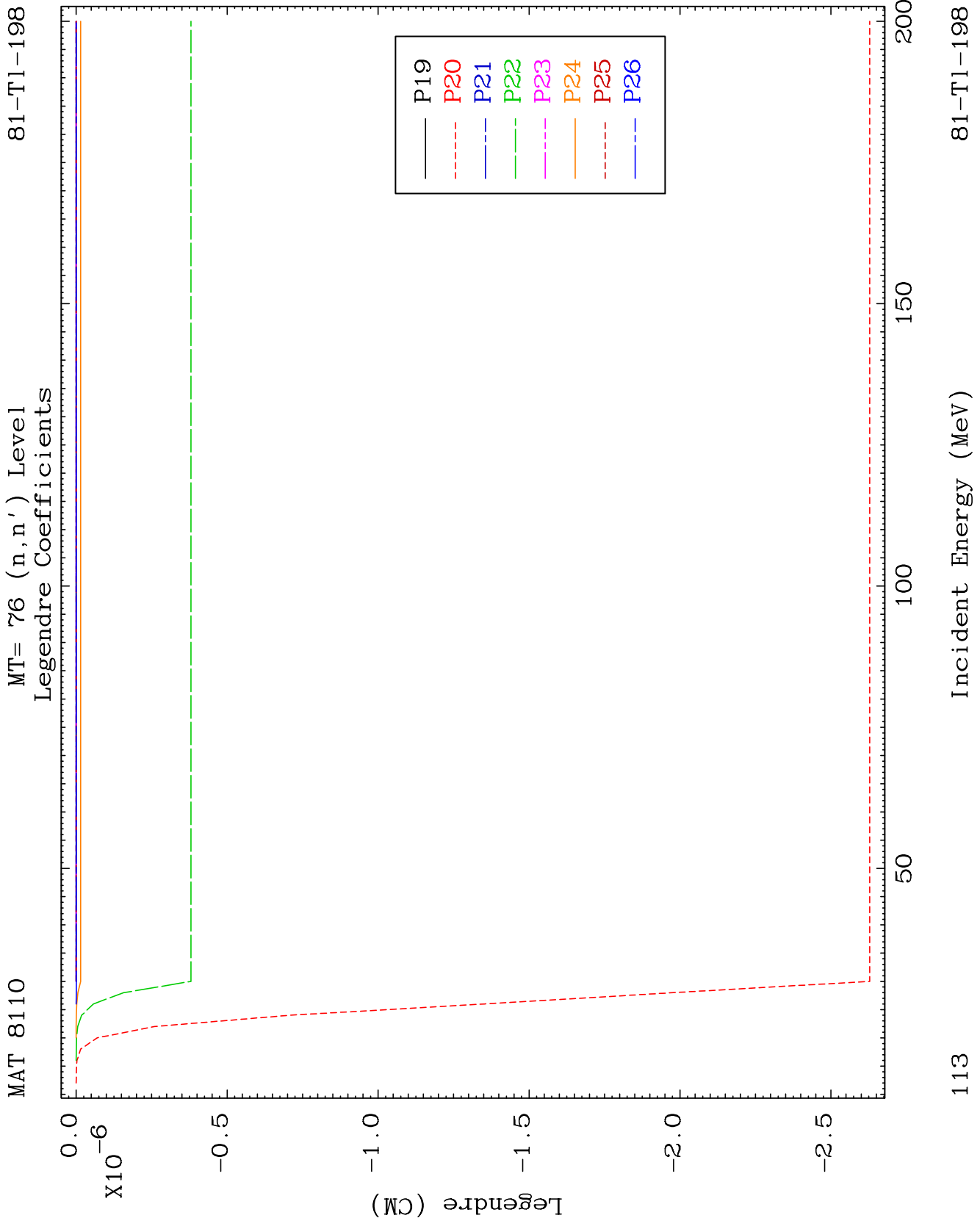
MT= 76 (n,n') Level
Legendre Coefficients

81-T1-198



112

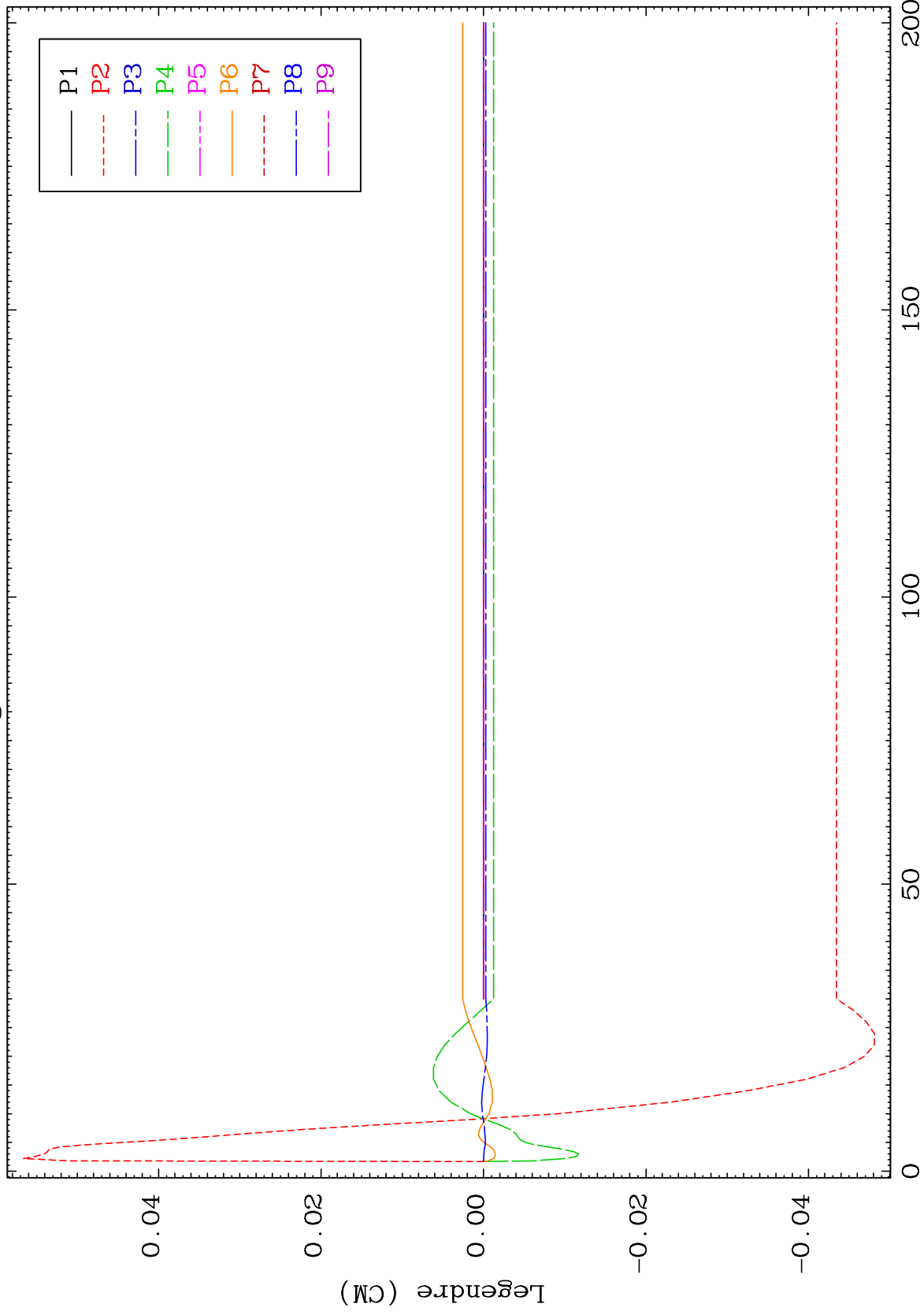
81-T1-198



MAT 8110

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

81-T1-198



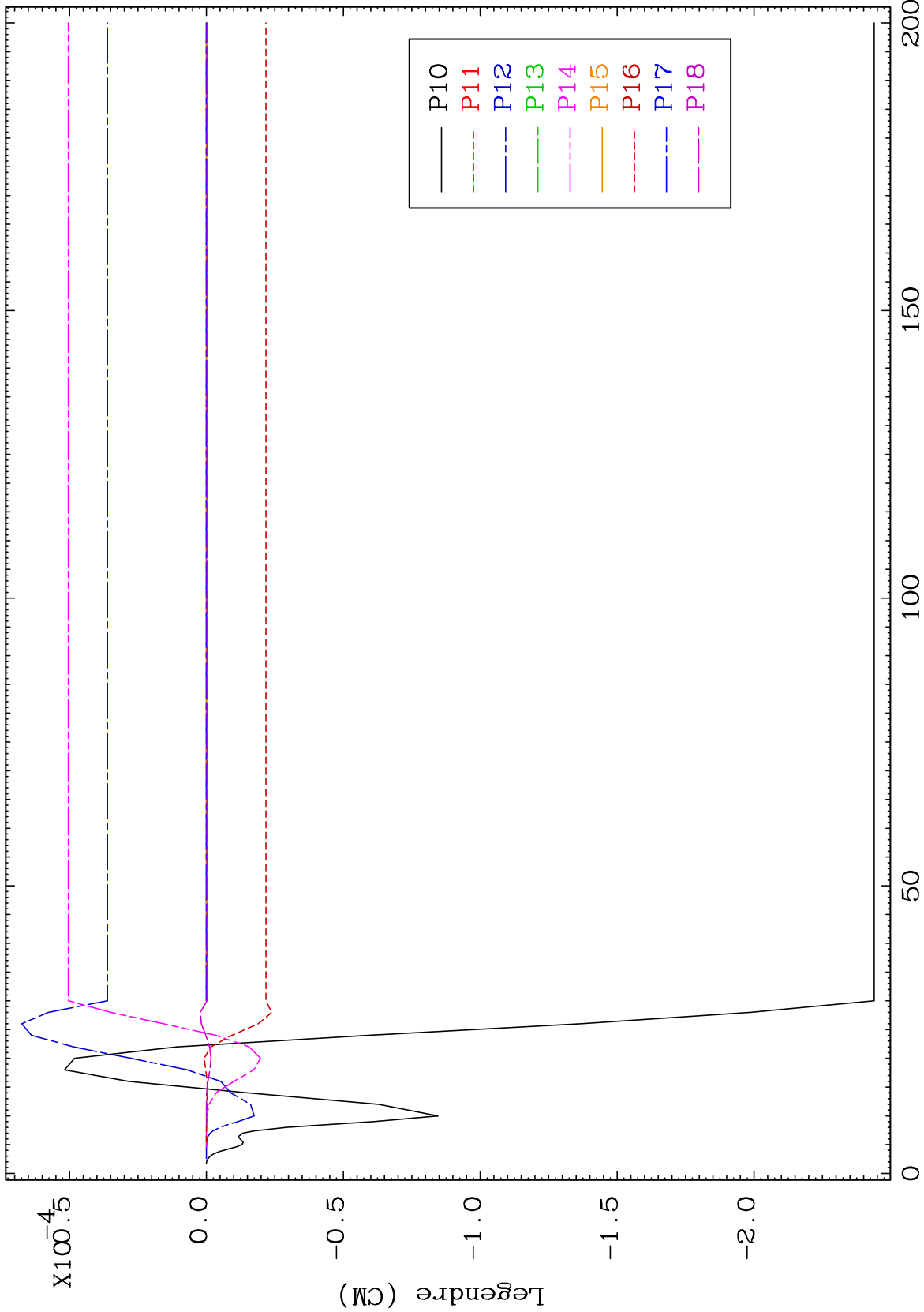
114

81-T1-198

MAT 8110

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

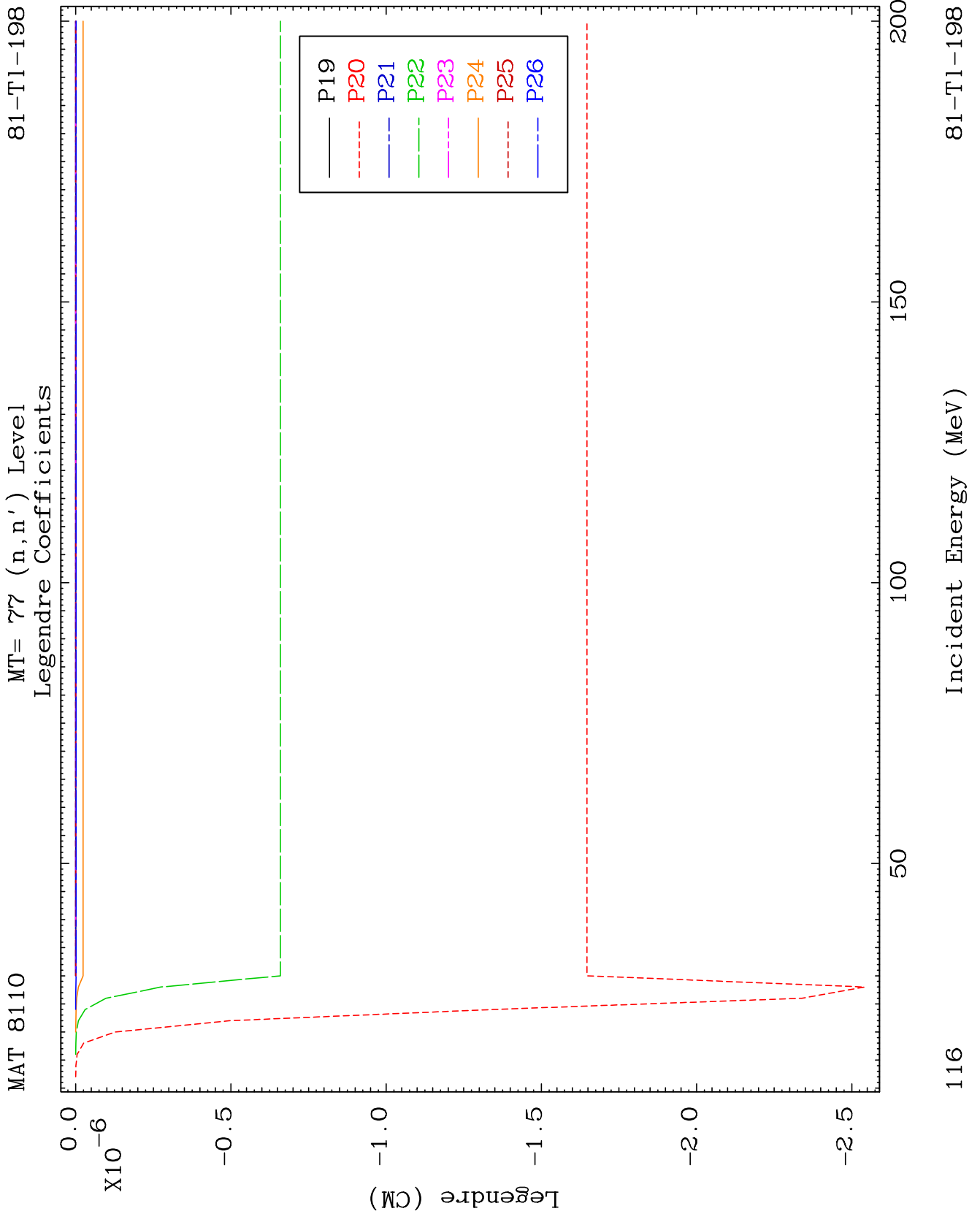
81-Tl-198



115

Incident Energy (MeV)

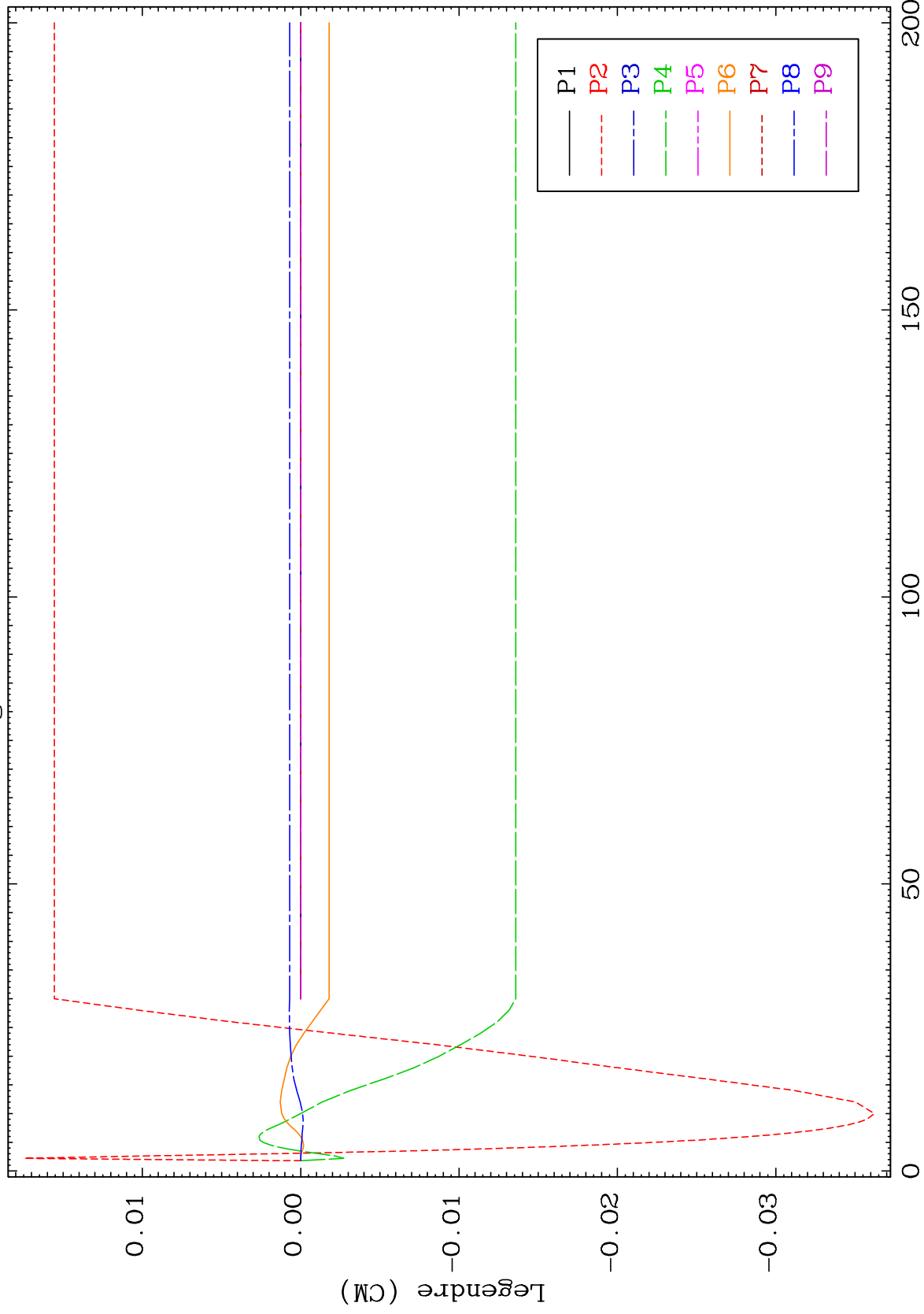
81-Tl-198



MAT 8110

81-Tl-198

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



117

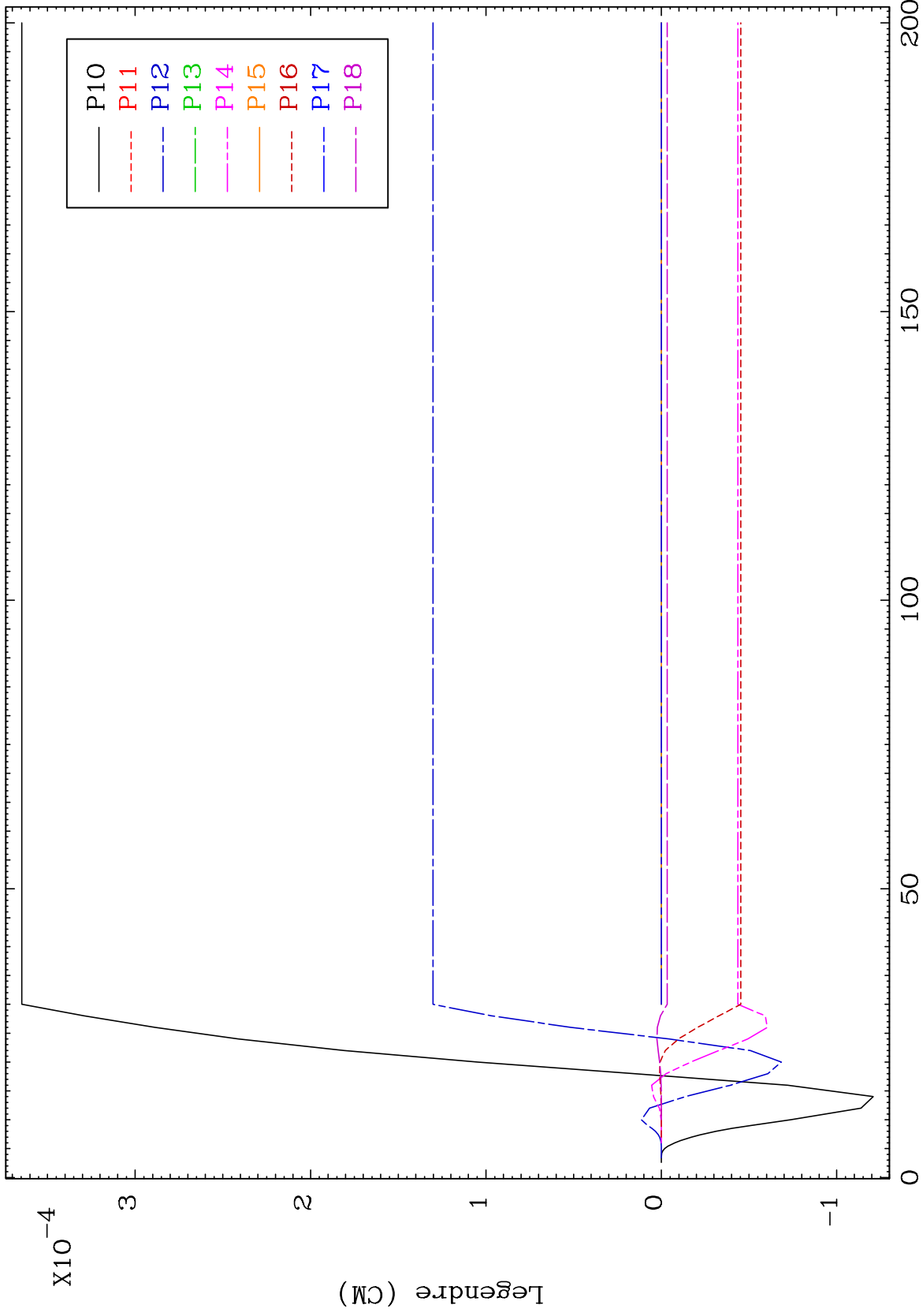
Incident Energy (MeV)

81-Tl-198

MAT 8110

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

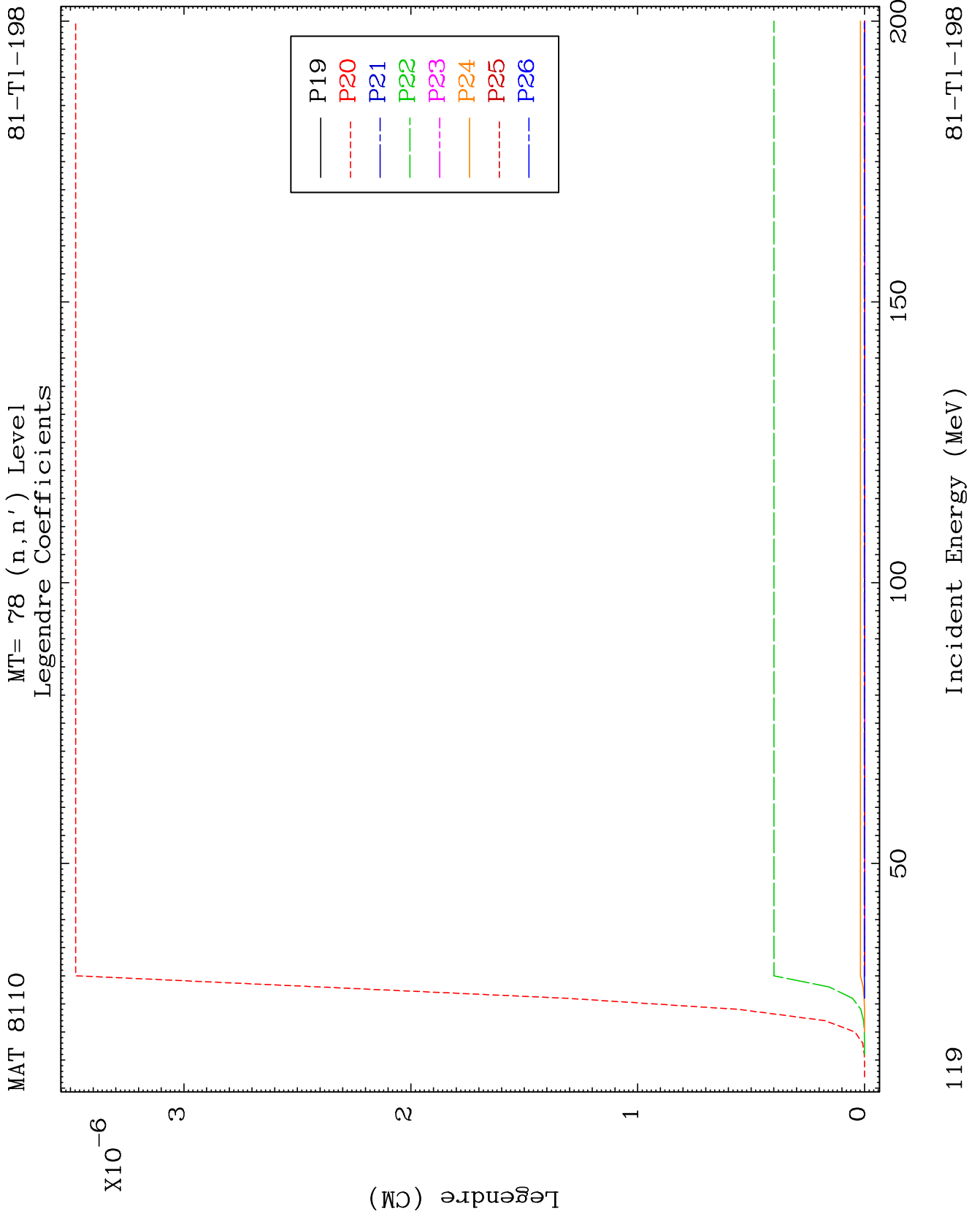
81-T1-198



118

Incident Energy (MeV)

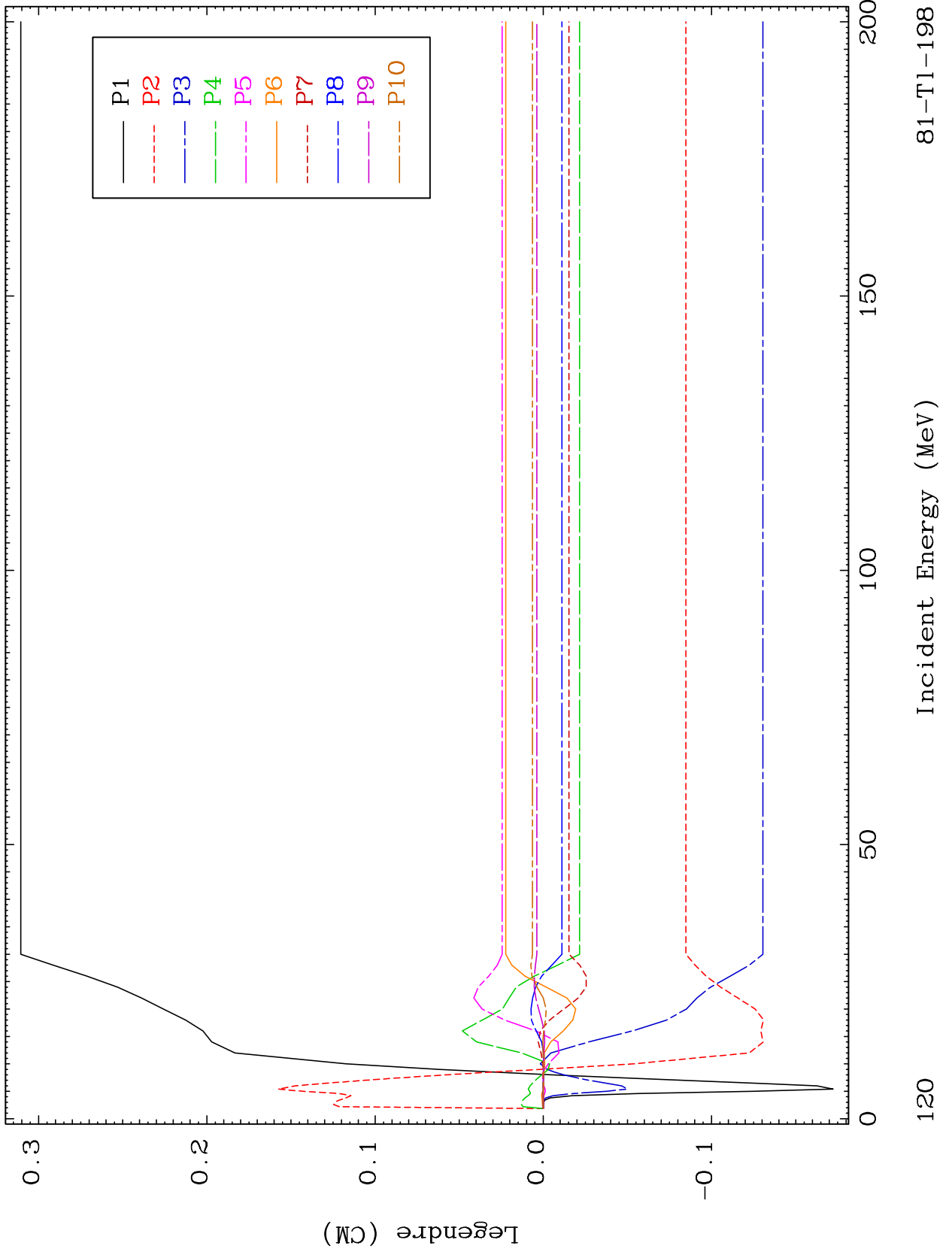
81-T1-198



MAT 8110

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

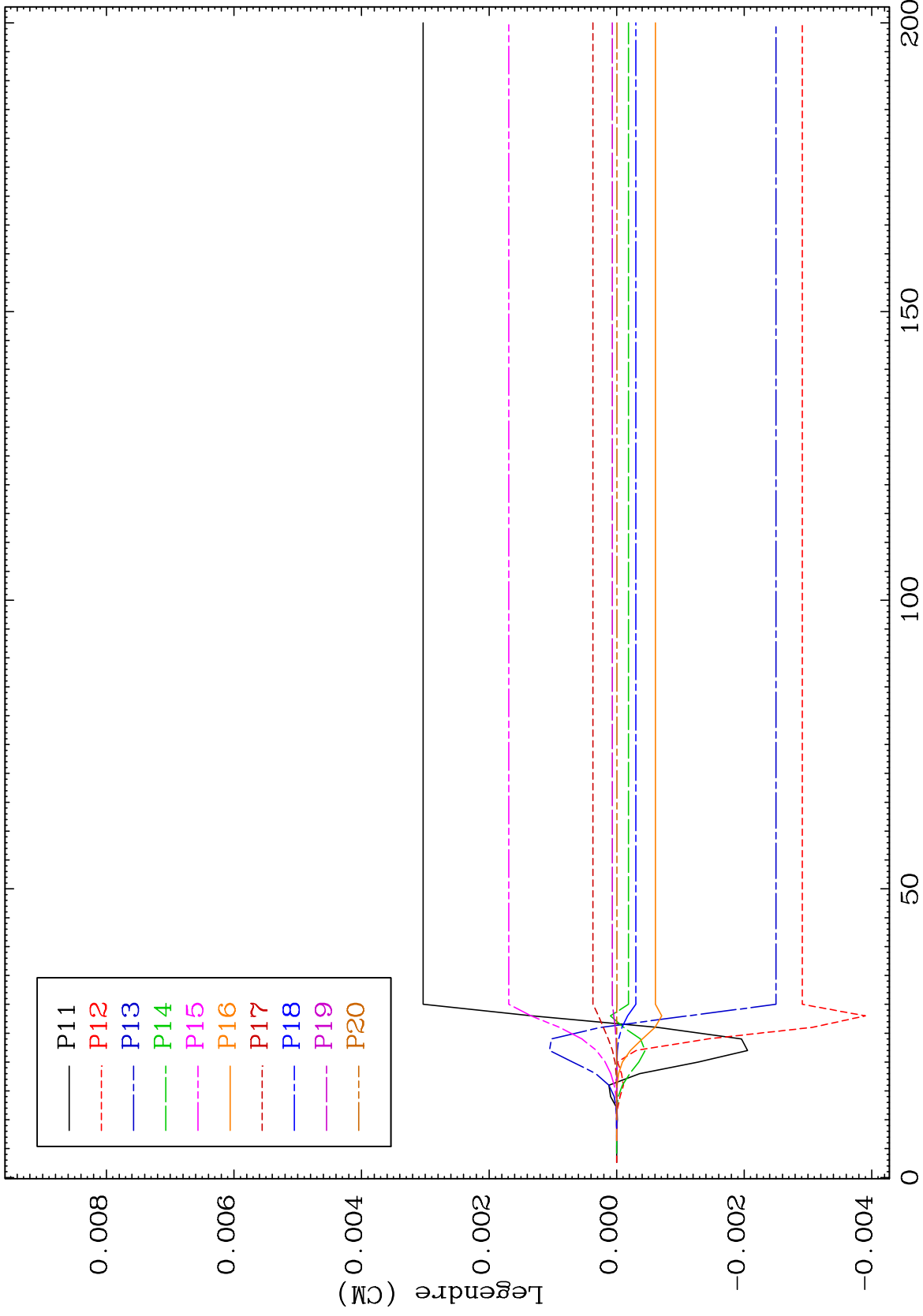
81-Tl-198



MAT 8110

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

81-T1-198



121

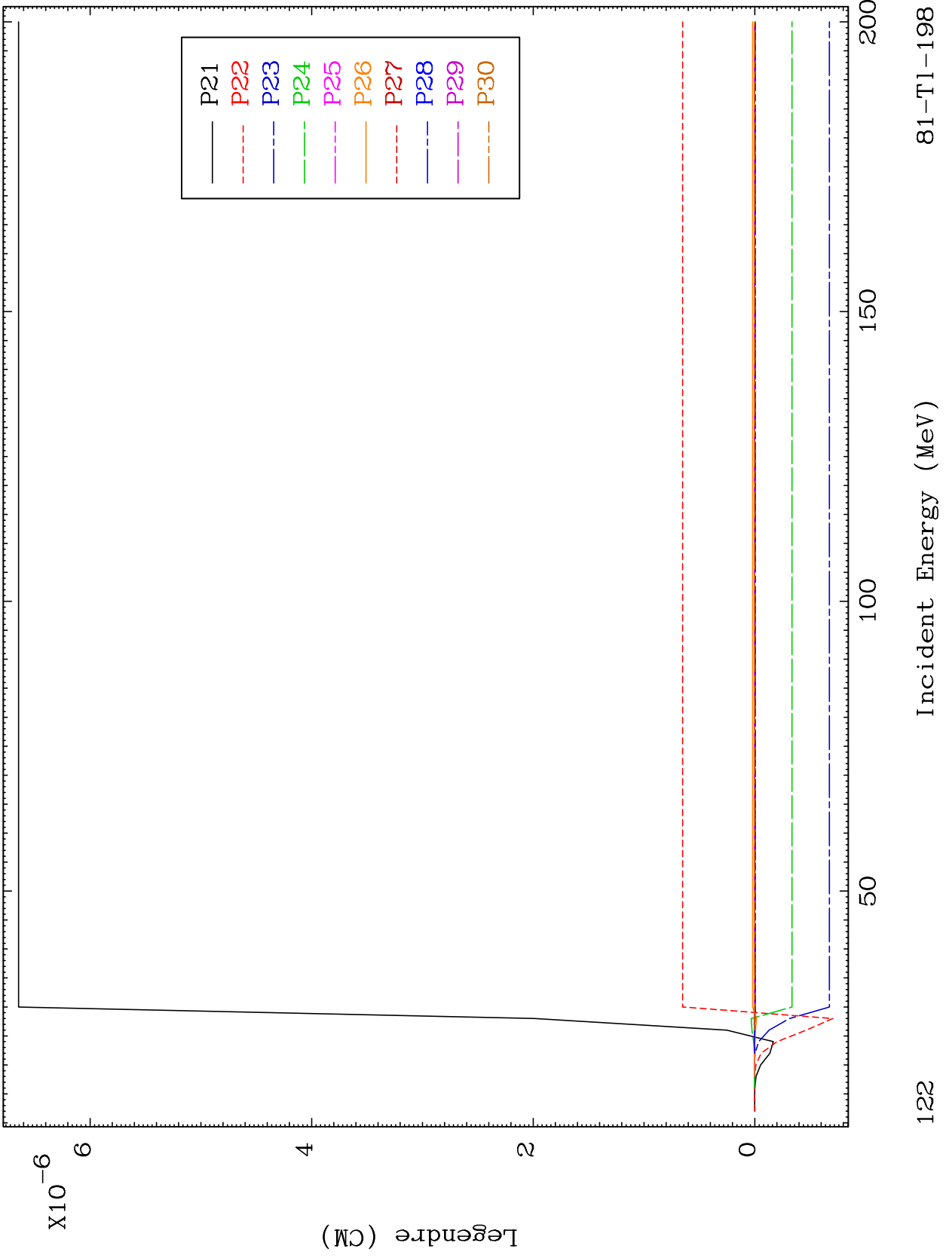
Incident Energy (MeV)

81-T1-198

MAT 8110

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

81-Tl-198



122

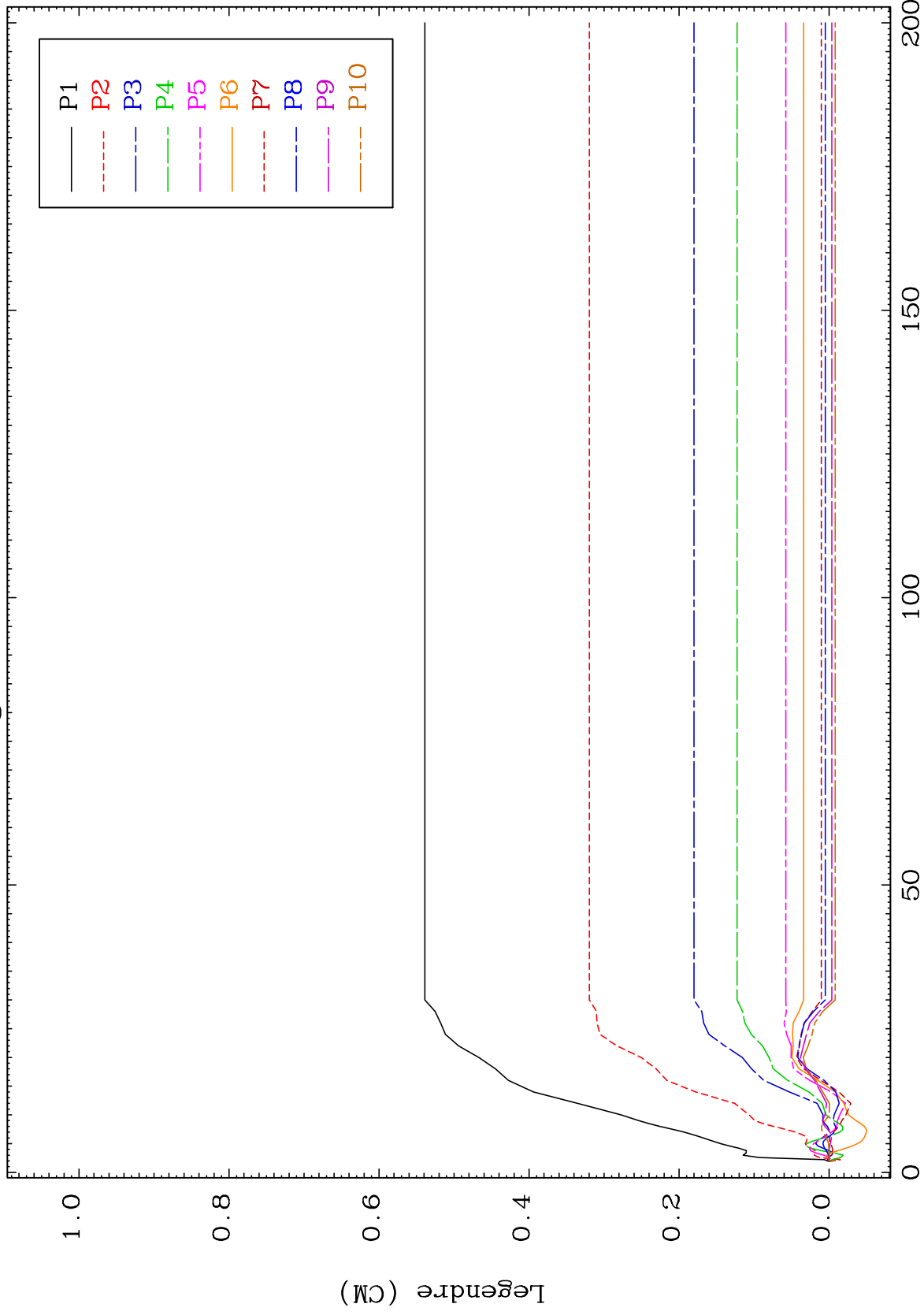
Incident Energy (MeV)

81-Tl-198

MAT 8110

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

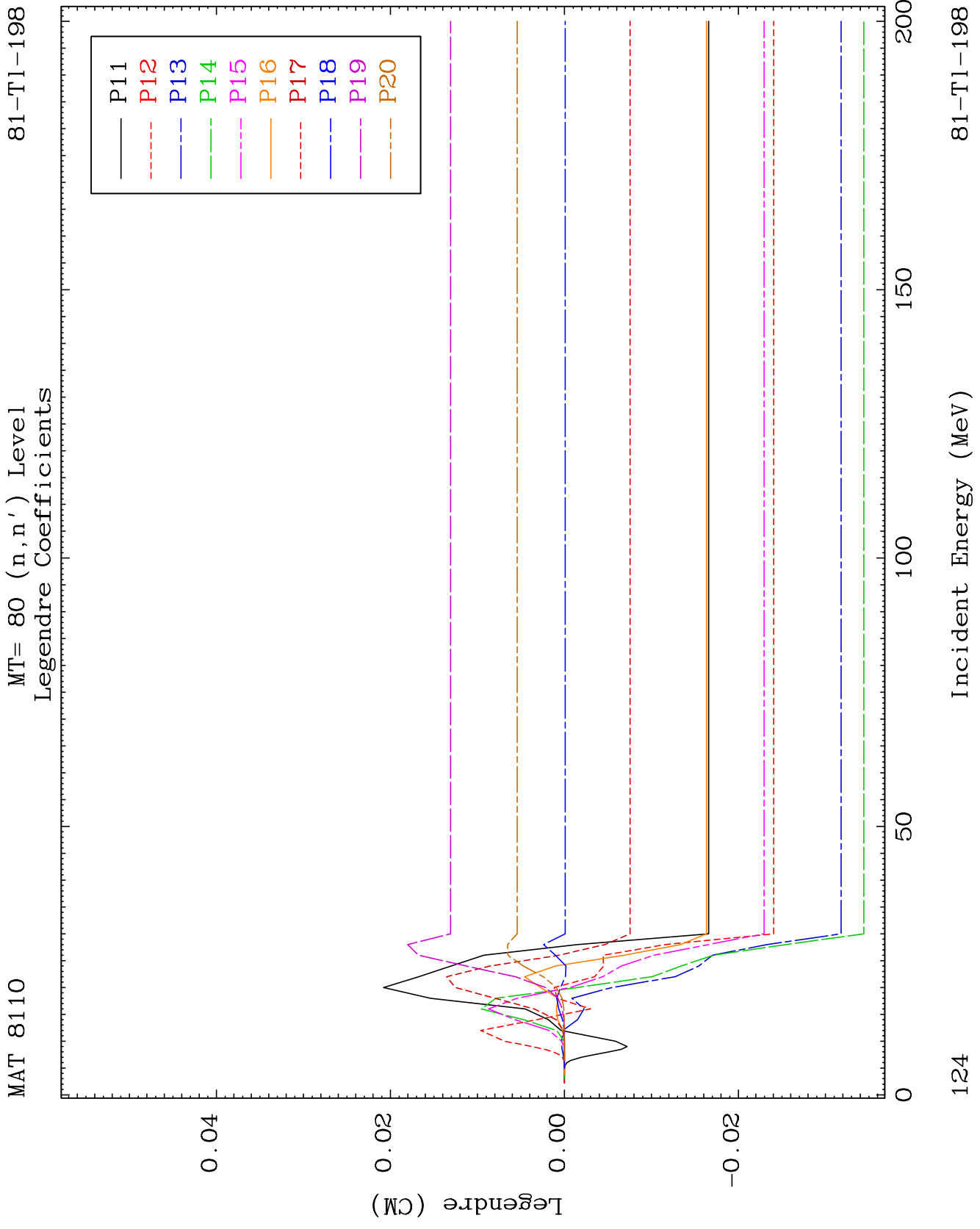
81-T1-198



123

Incident Energy (MeV)

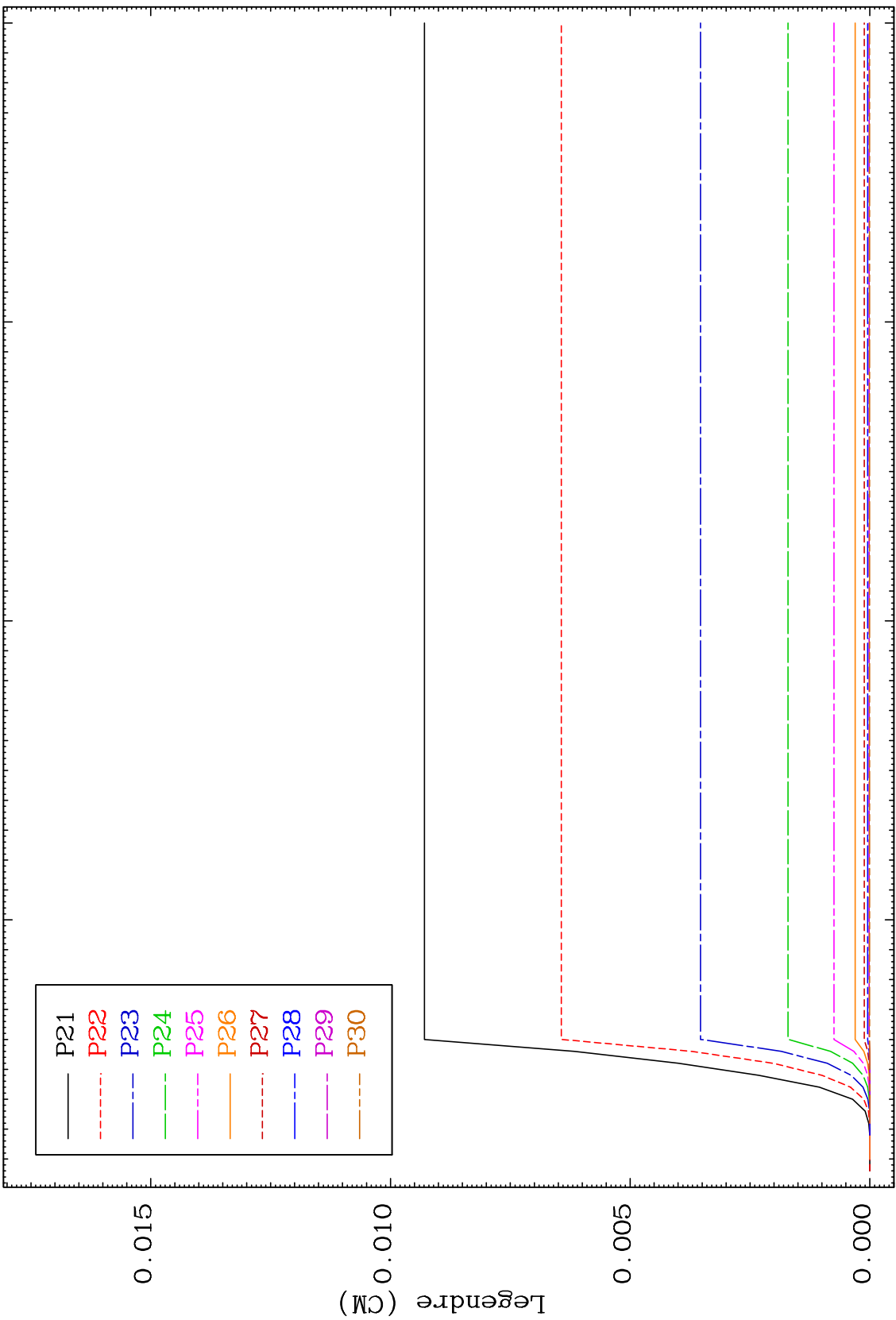
81-T1-198



MAT 8110

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

81-Tl-198



125

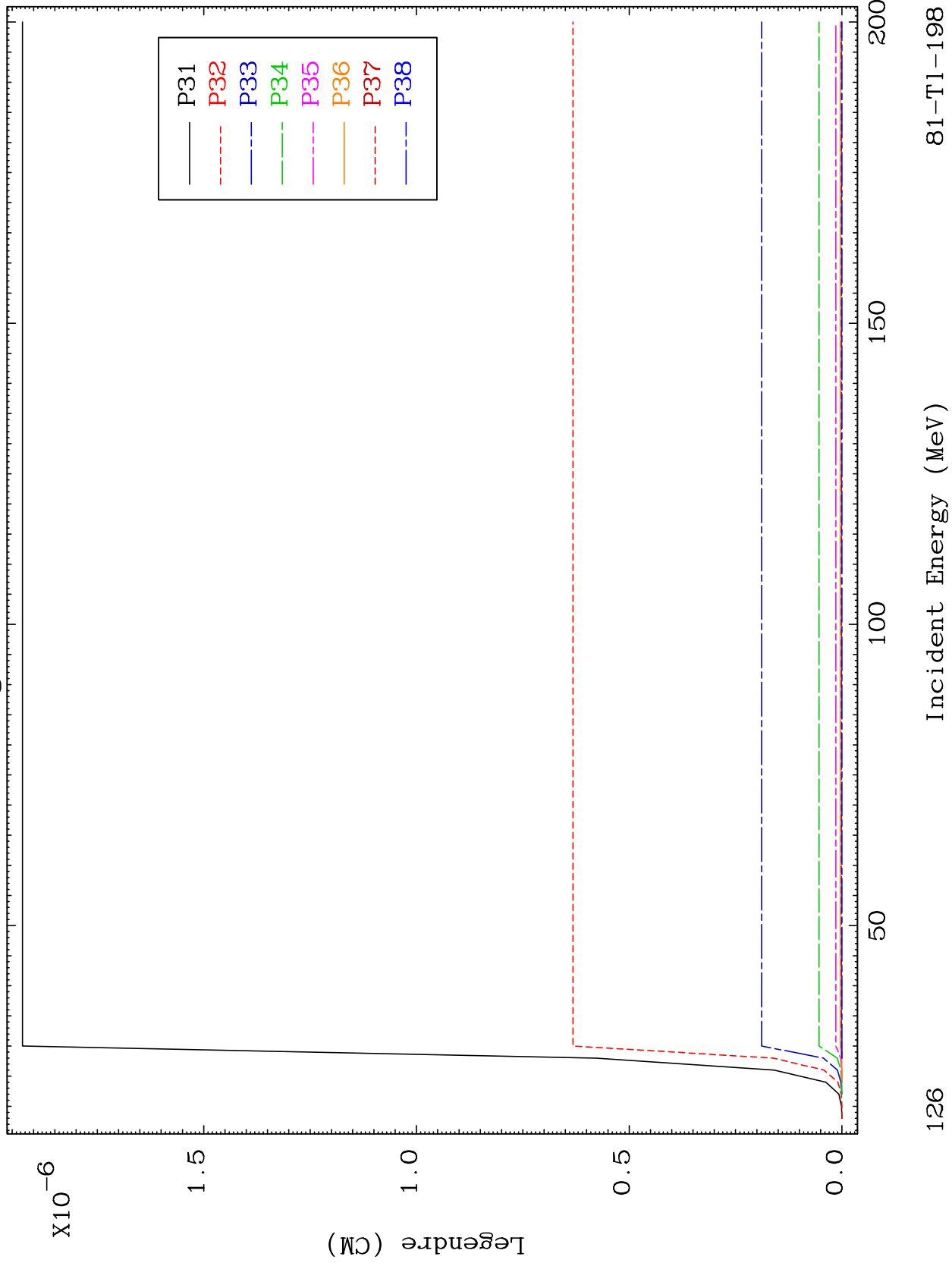
Incident Energy (MeV)

81-Tl-198

MAT 8110

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

81-Tl-198

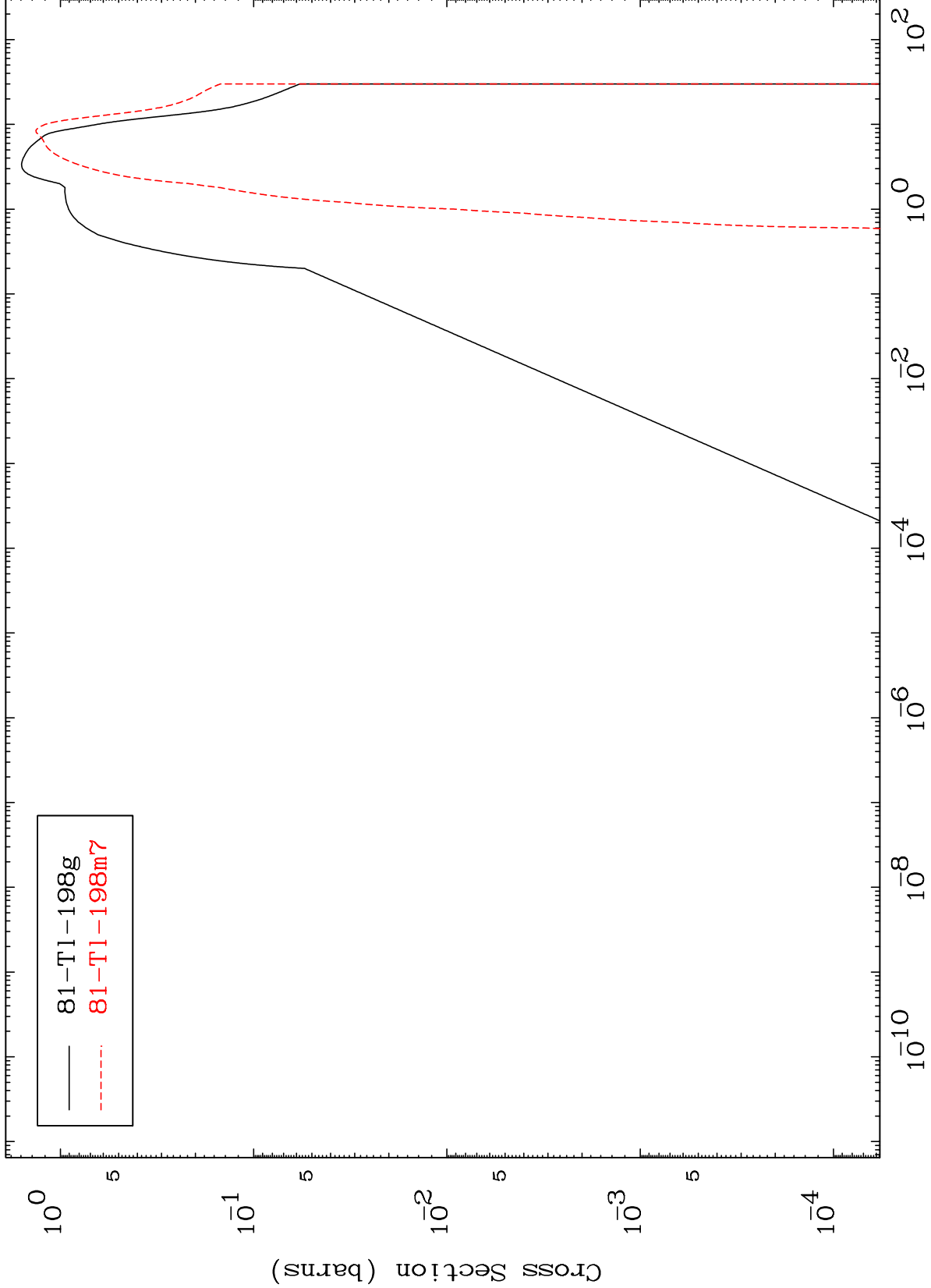


126

MAT 8110

Inelastic
Radionuclide Production Cross Section

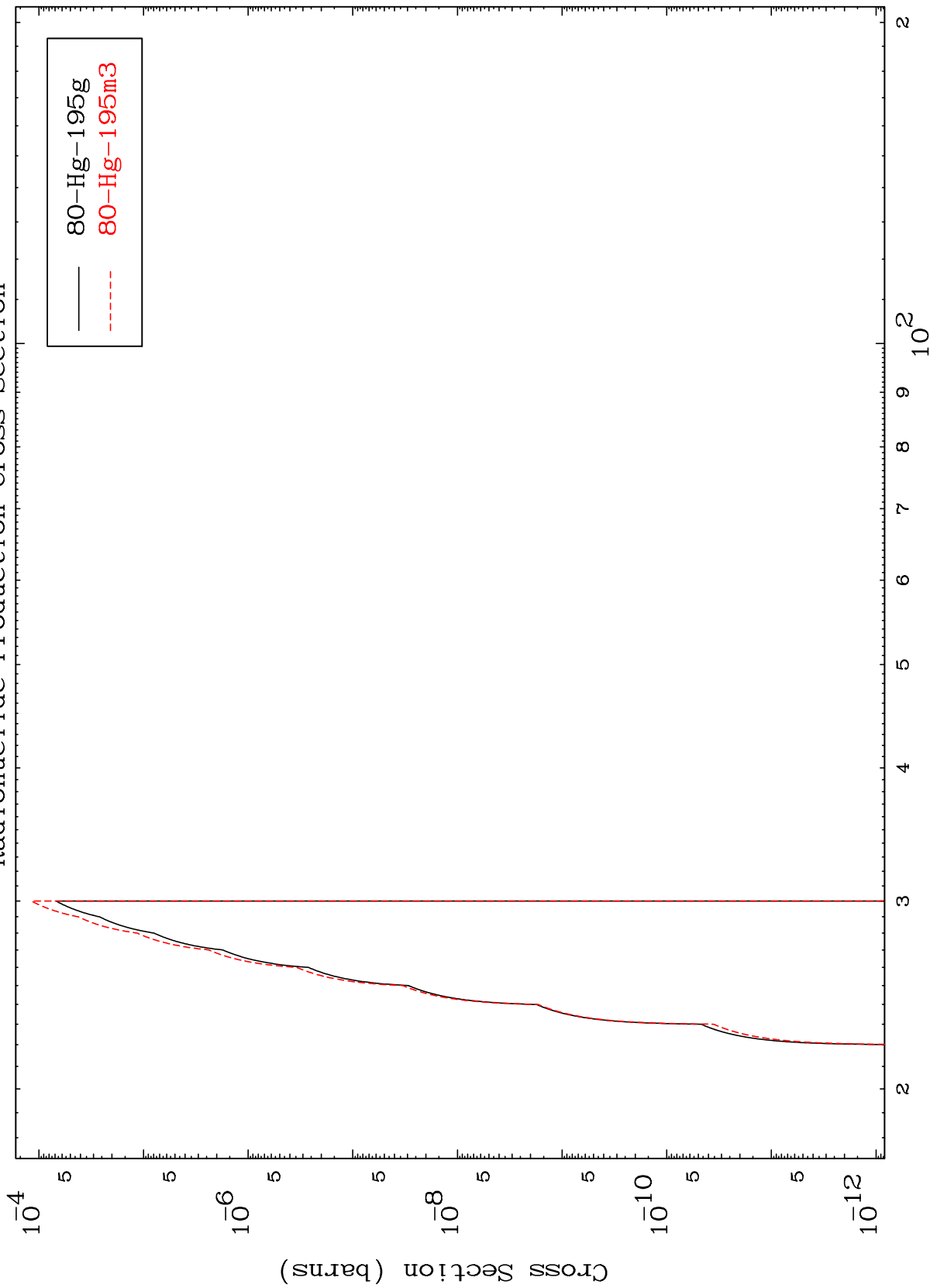
81-Tl-198



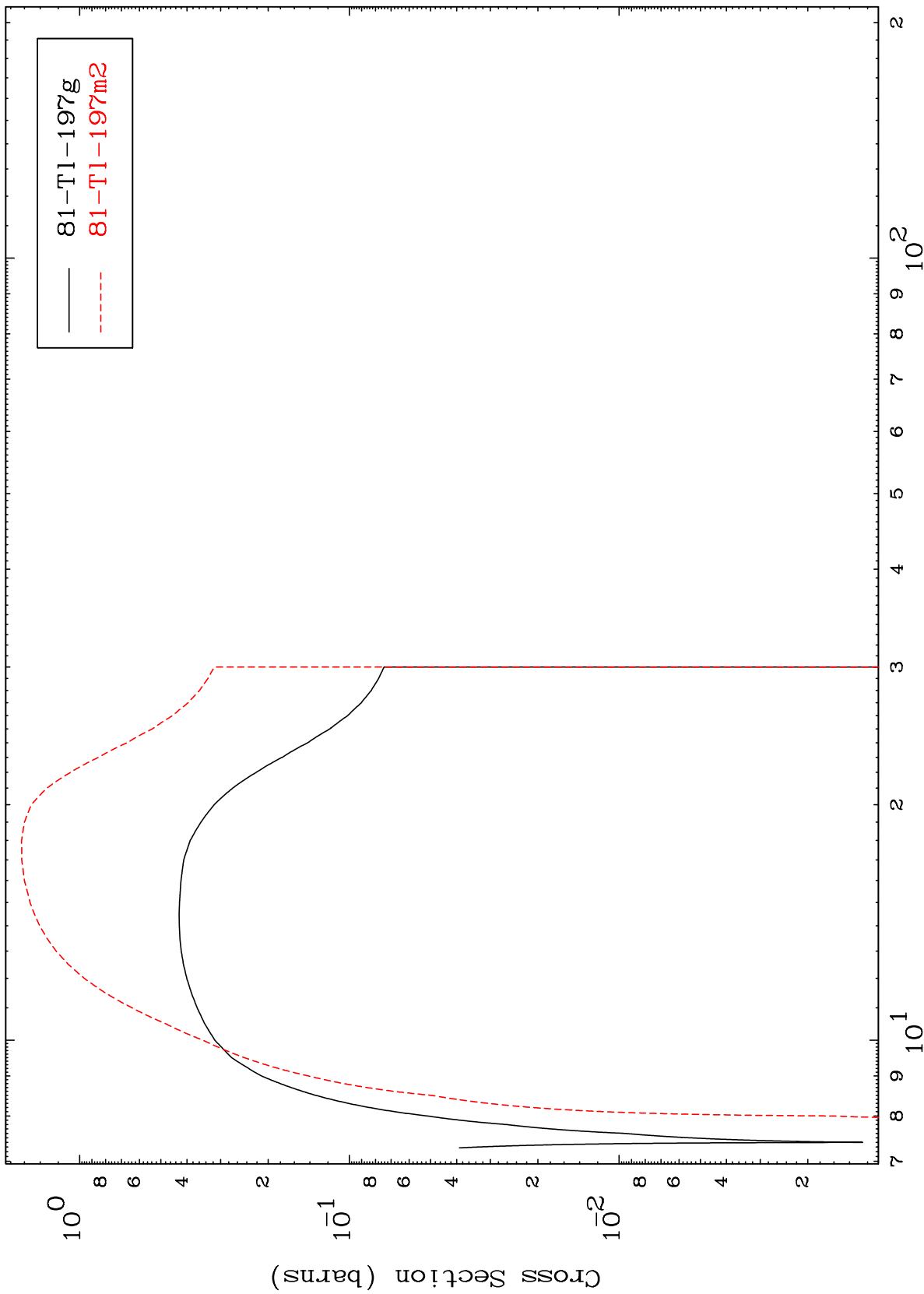
81-Tl-198g
81-Tl-198m7

81-Tl-198

Radionuclide Production Cross Section



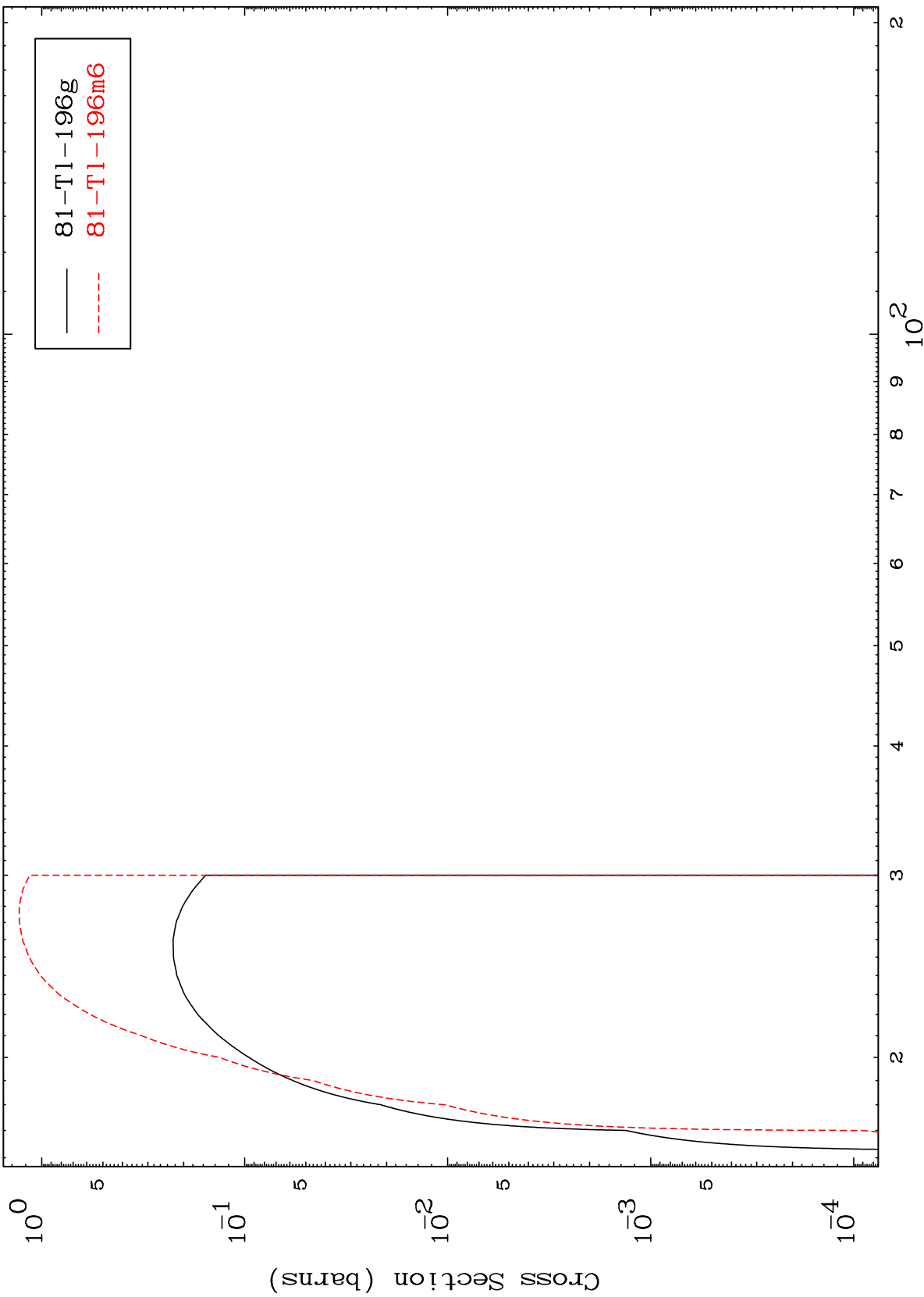
(n,2n)
Radionuclide Production Cross Section



MAT 8110

81-Tl-198

(n,3n)
Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

130

Incident Energy (MeV)

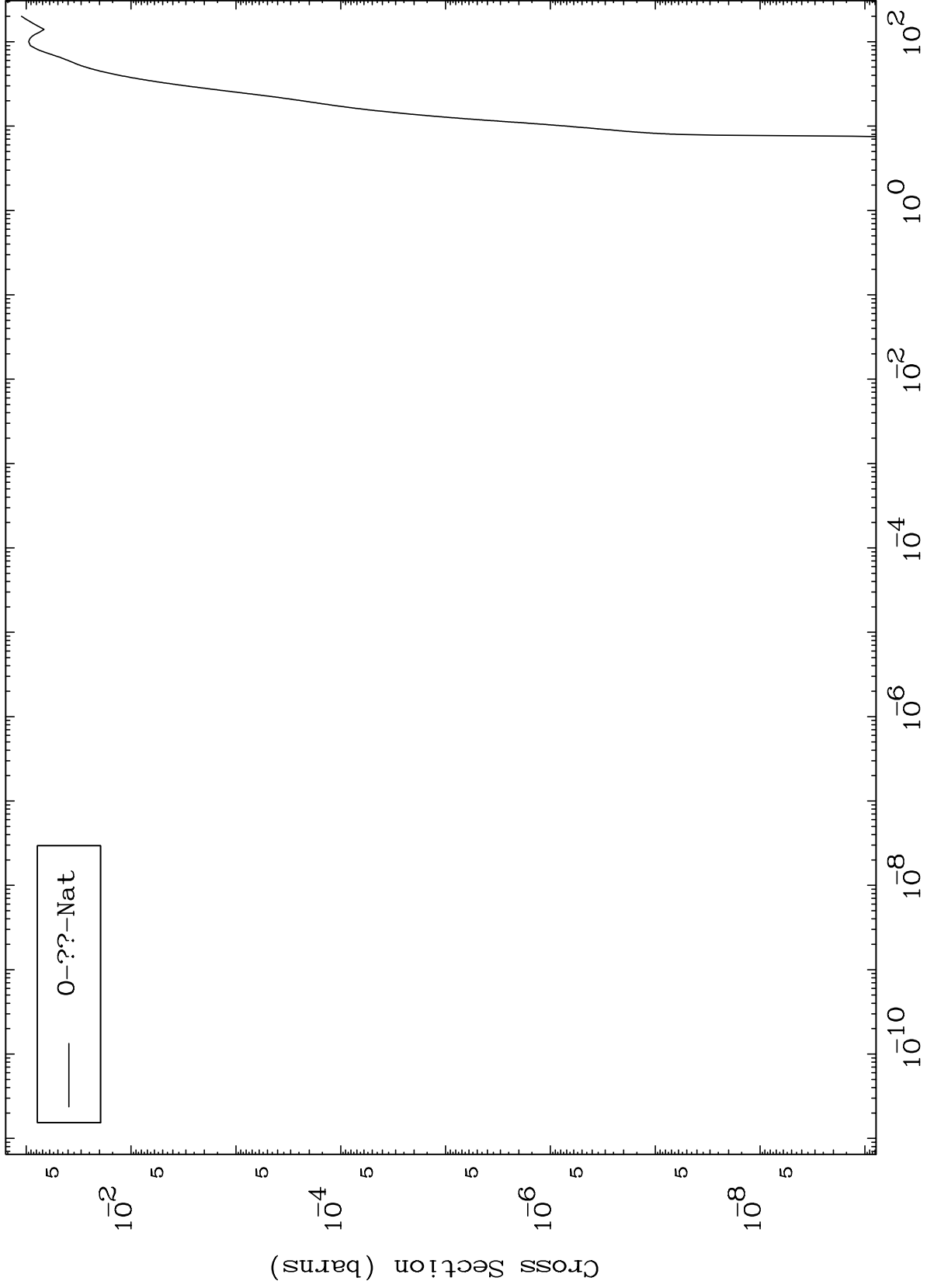
81-Tl-198

MAT 8110

Fission

81-Tl-198

Radionuclide Production Cross Section



131

Incident Energy (MeV)

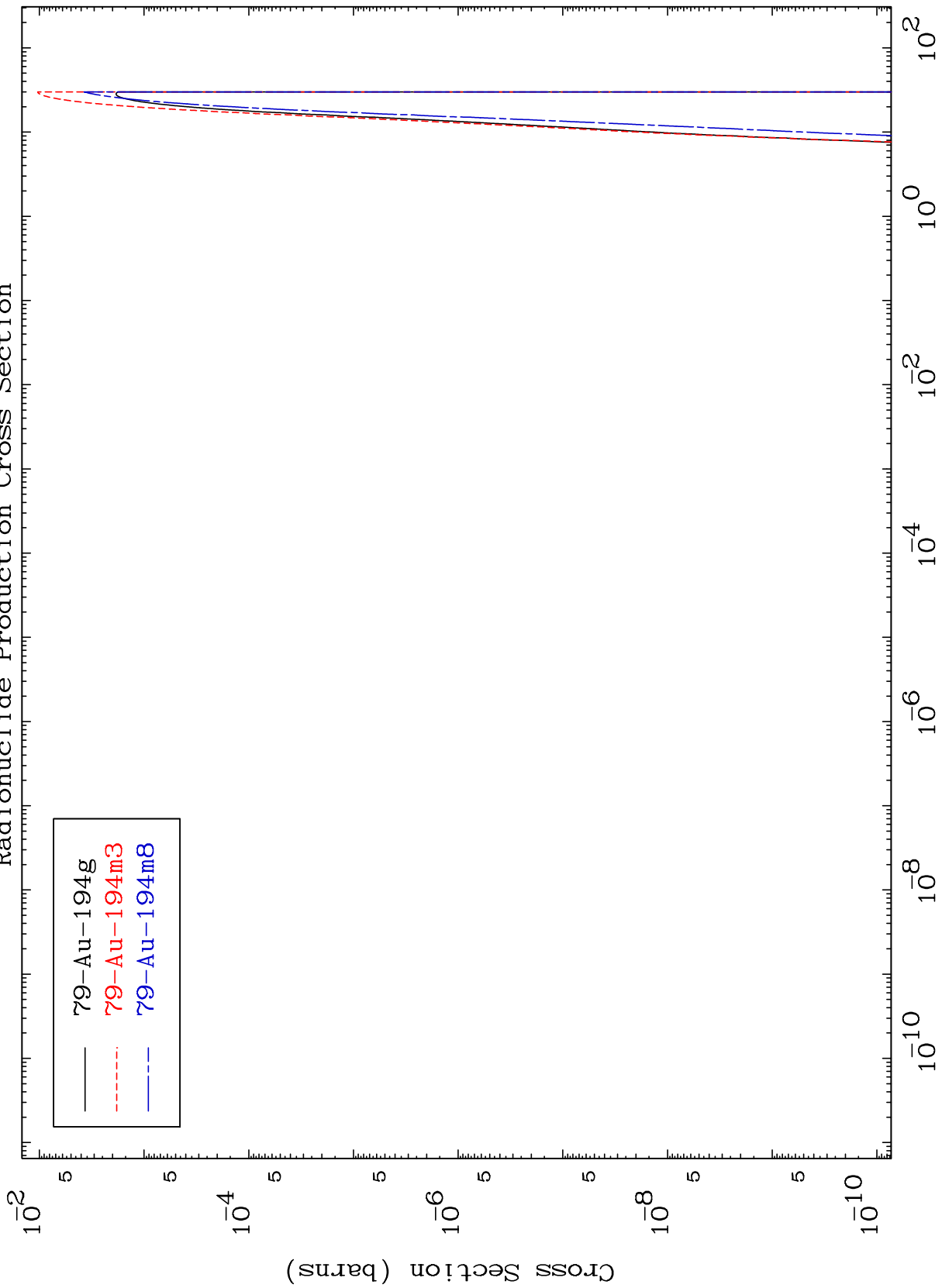
81-Tl-198

MAT 8110

$(n, n') \alpha$

81-Tl-198

Radionuclide Production Cross Section



132

Incident Energy (MeV)

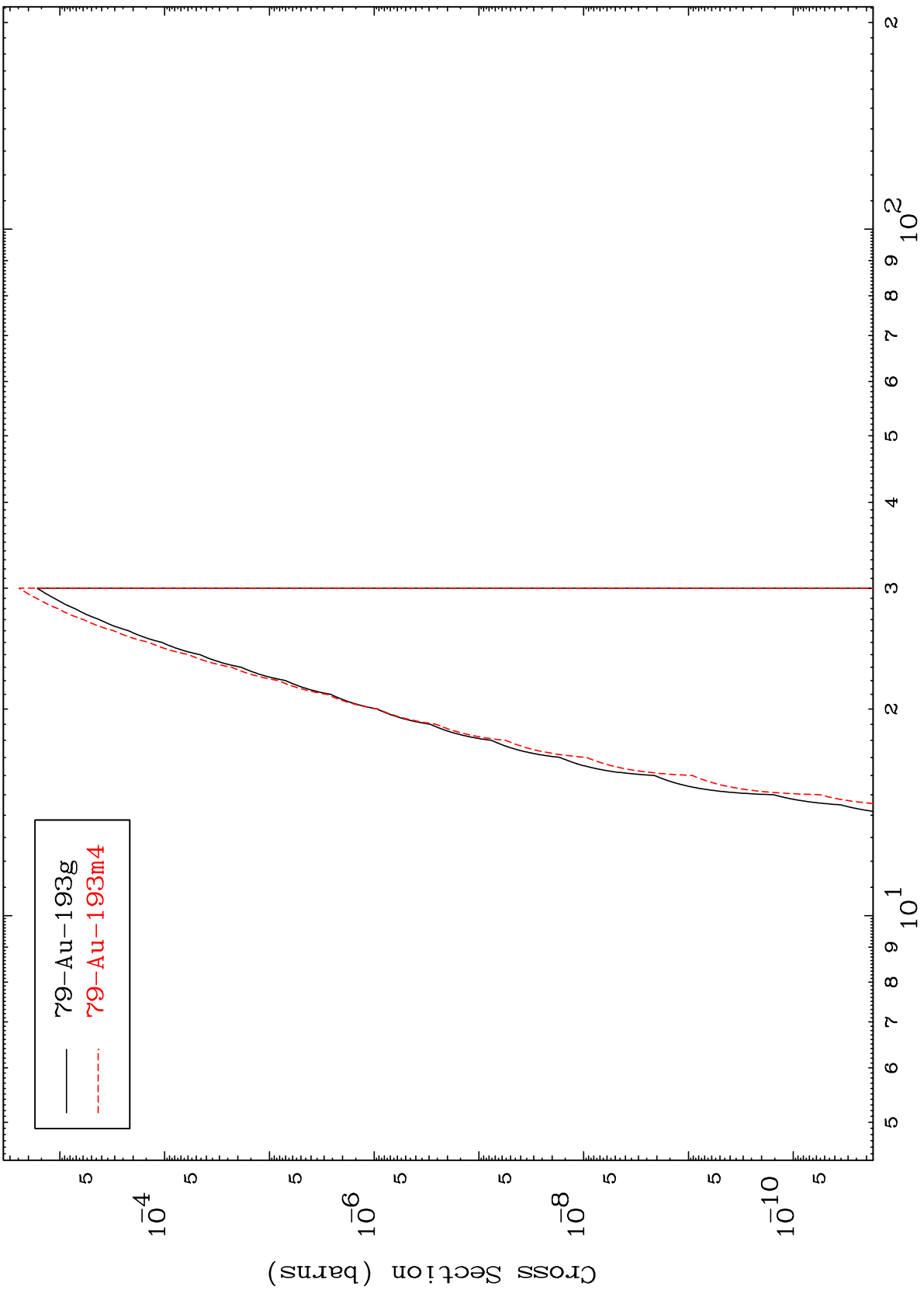
81-Tl-198

MAT 8110

(n,2n) α

81-Tl-198

Radionuclide Production Cross Section



79-Au-193g
79-Au-193m4

133

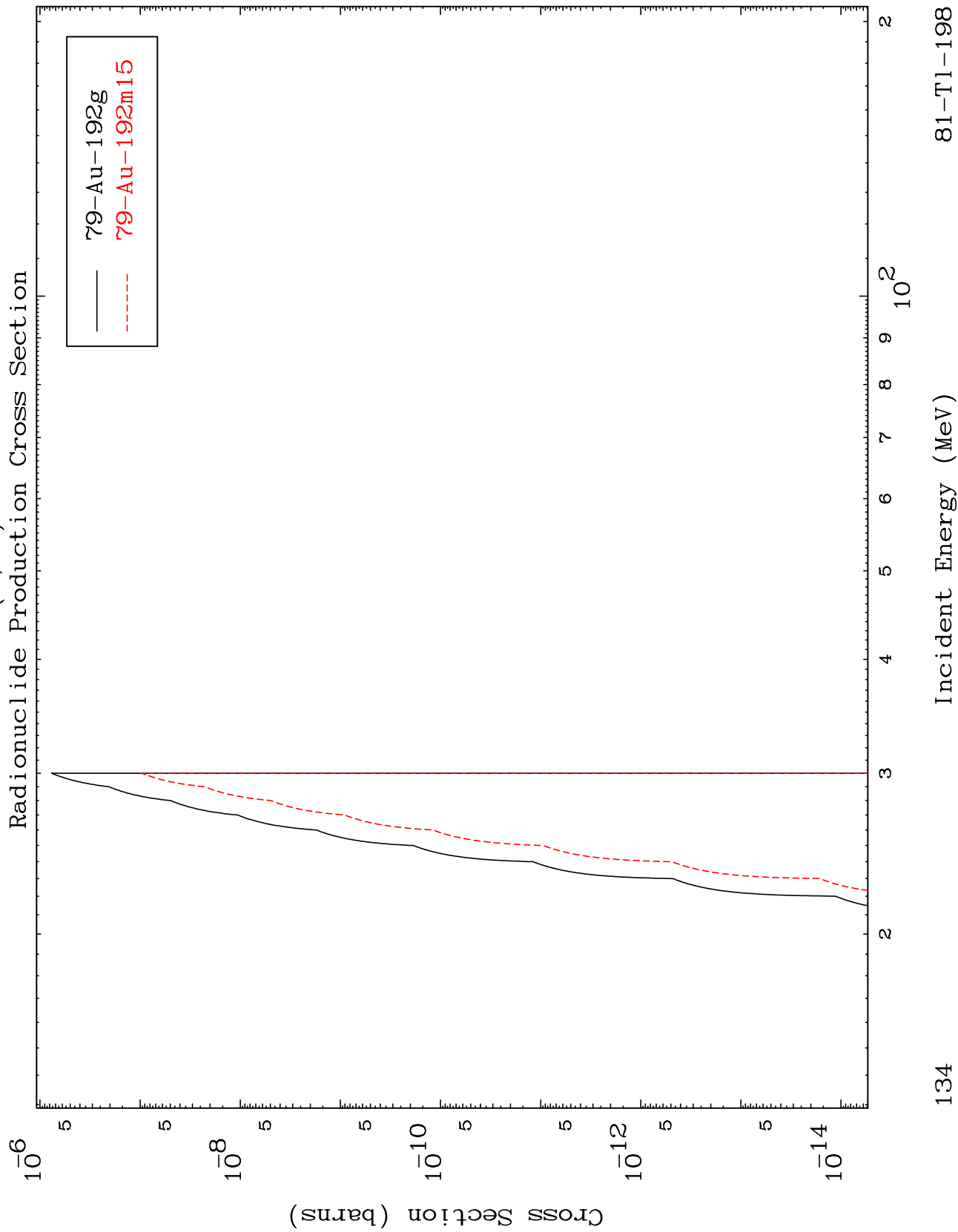
Incident Energy (MeV)

81-Tl-198

MAT 81110

(n,3n) α

81-Tl-198



134

Incident Energy (MeV)

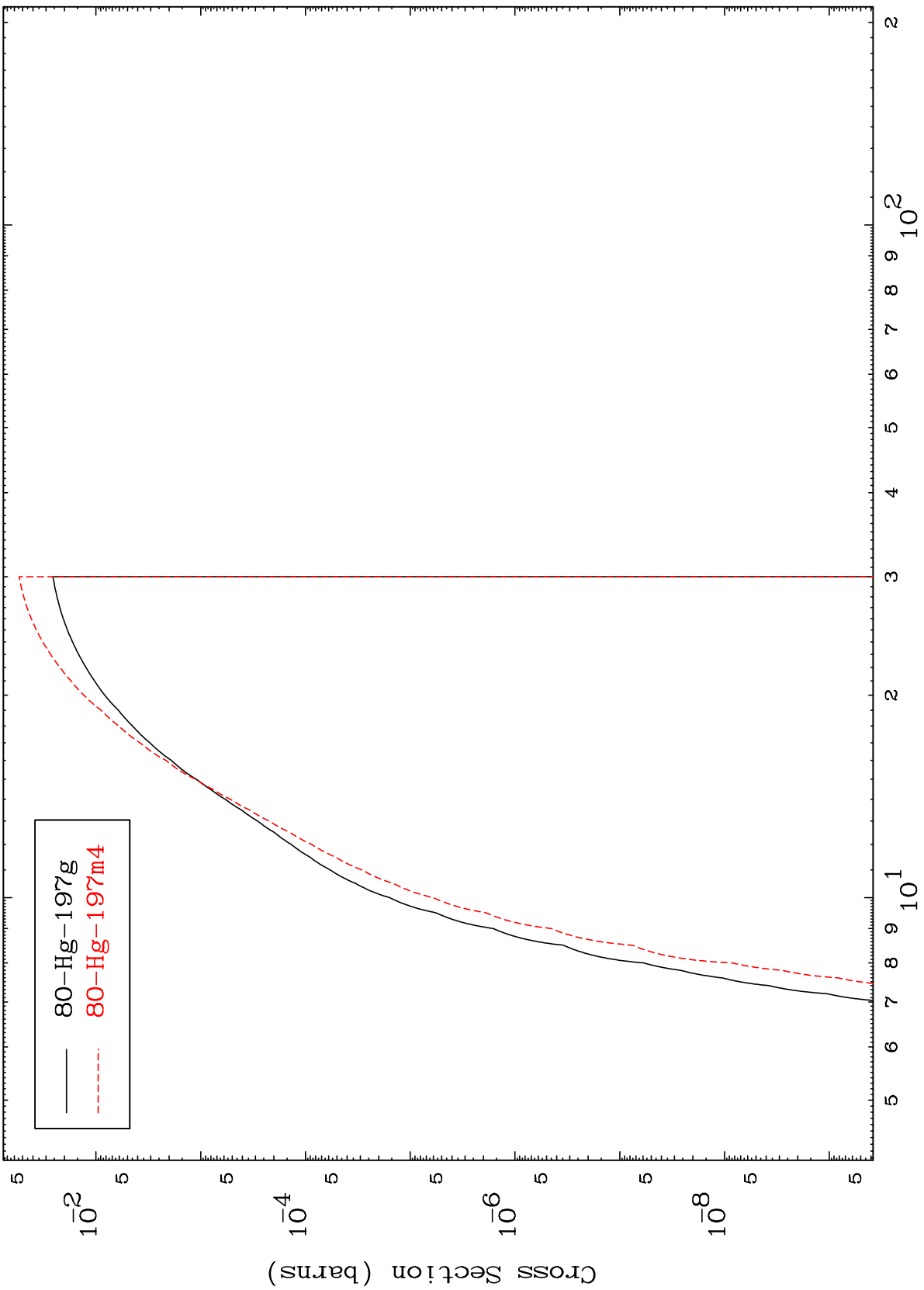
81-Tl-198

MAT 8110

(n,n') p

81-Tl-198

Radionuclide Production Cross Section



80-Hg-197g
80-Hg-197m4

135

Incident Energy (MeV)

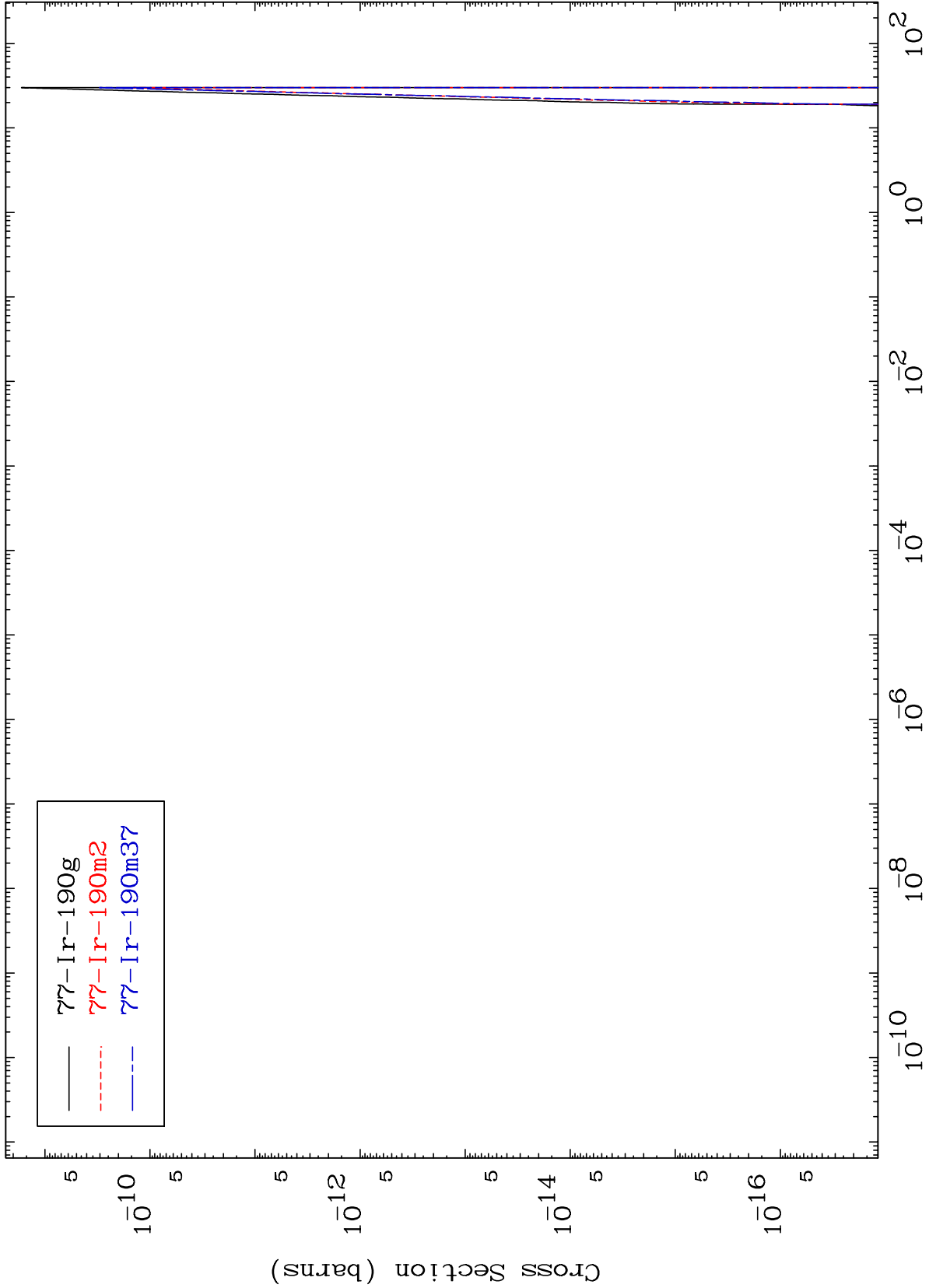
81-Tl-198

MAT 8110

(n,n') 2α

81-Tl-198

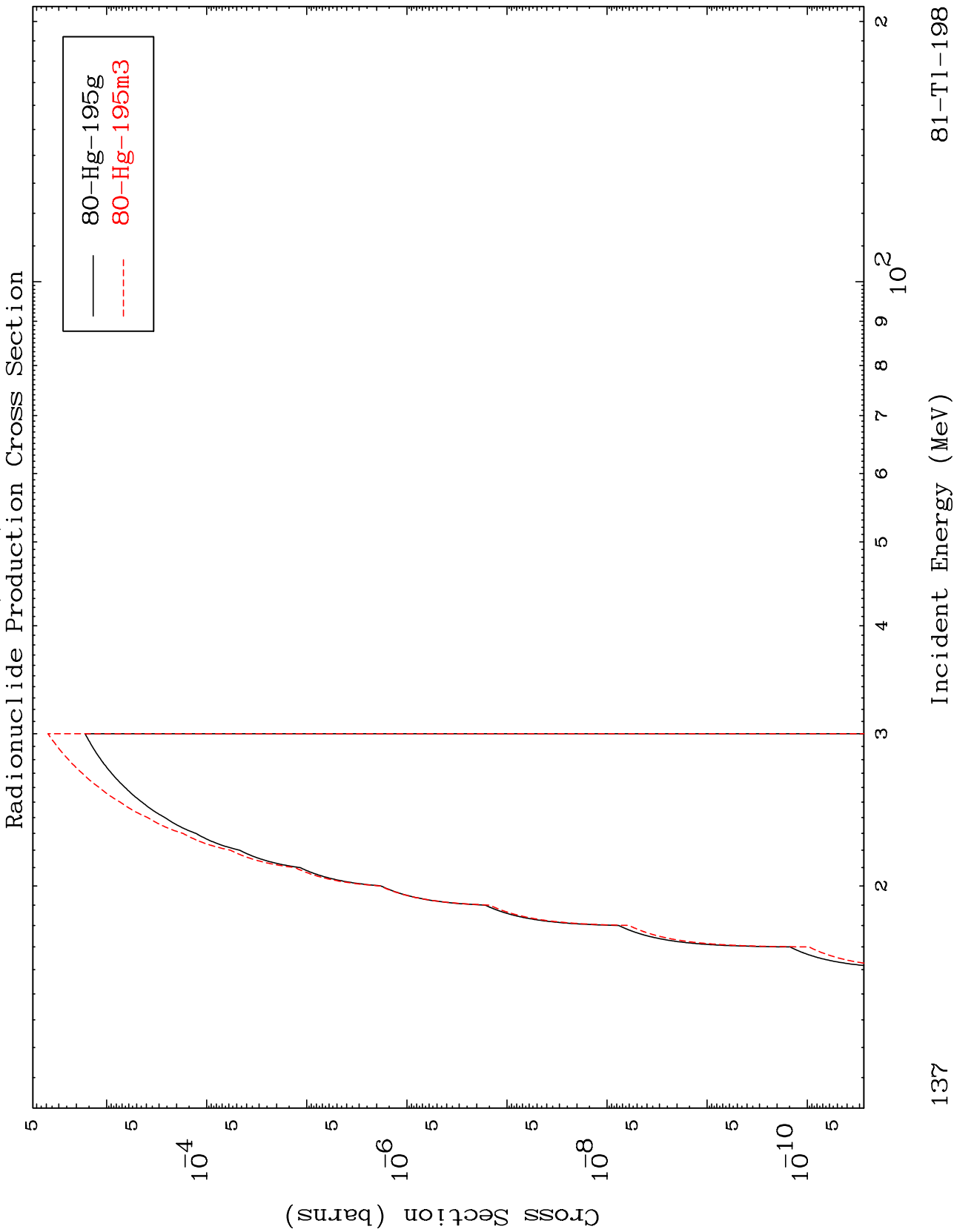
Radionuclide Production Cross Section



136

Incident Energy (MeV)

81-Tl-198

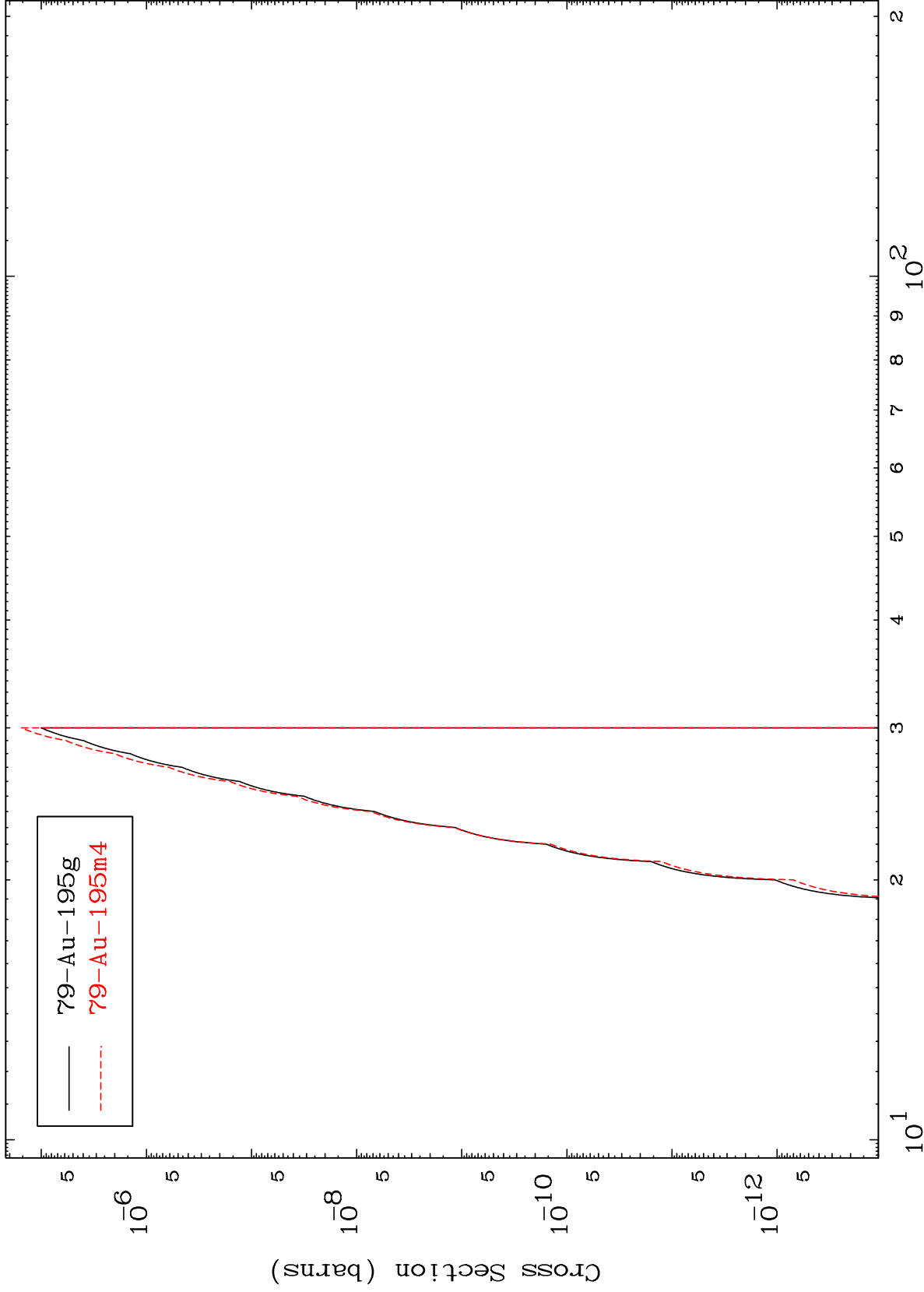


MAT 8110

(n,n') He-3

81-Tl-198

Radionuclide Production Cross Section

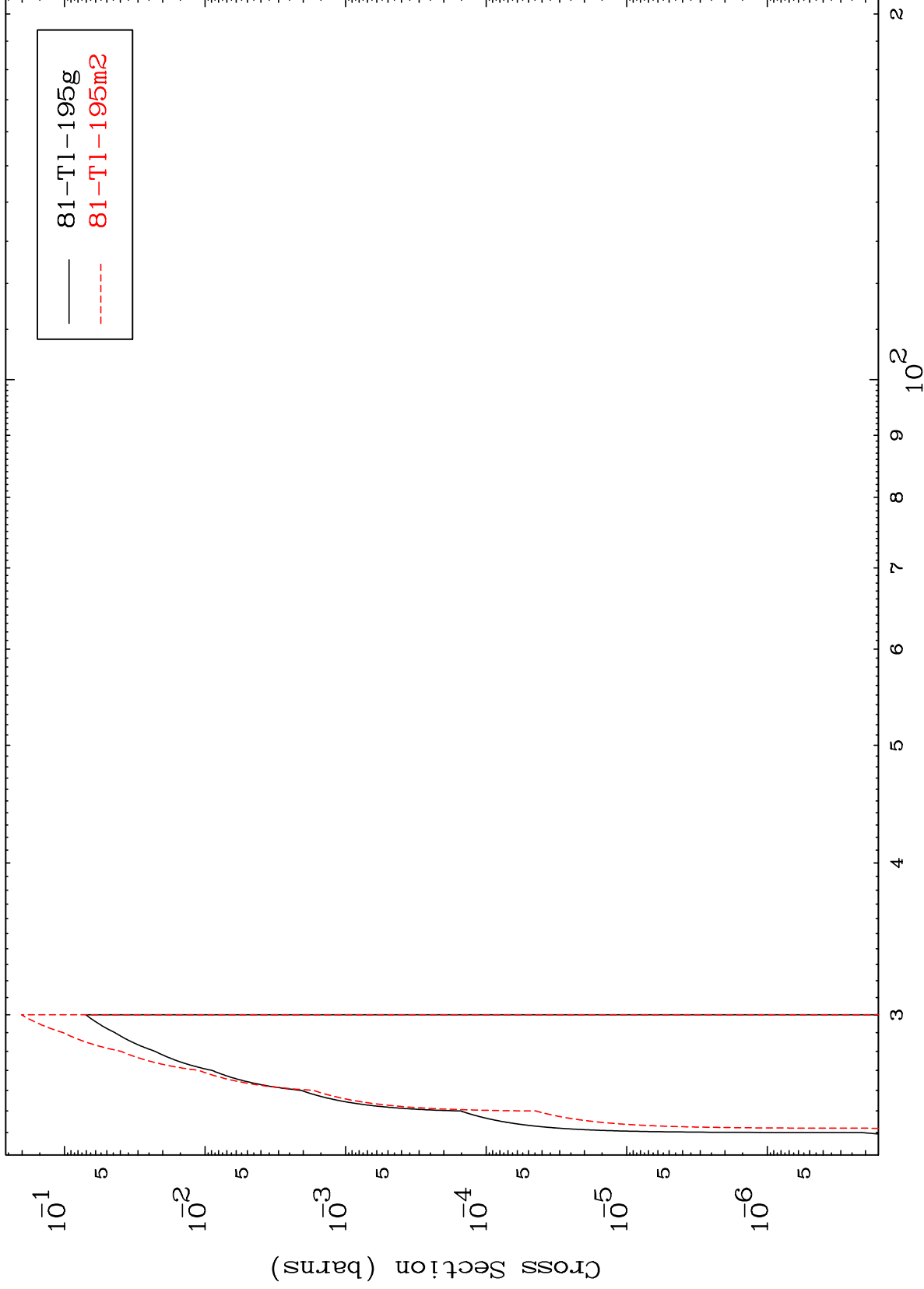


Incident Energy (MeV)

81-Tl-198

138

Radionuclide Production Cross Section

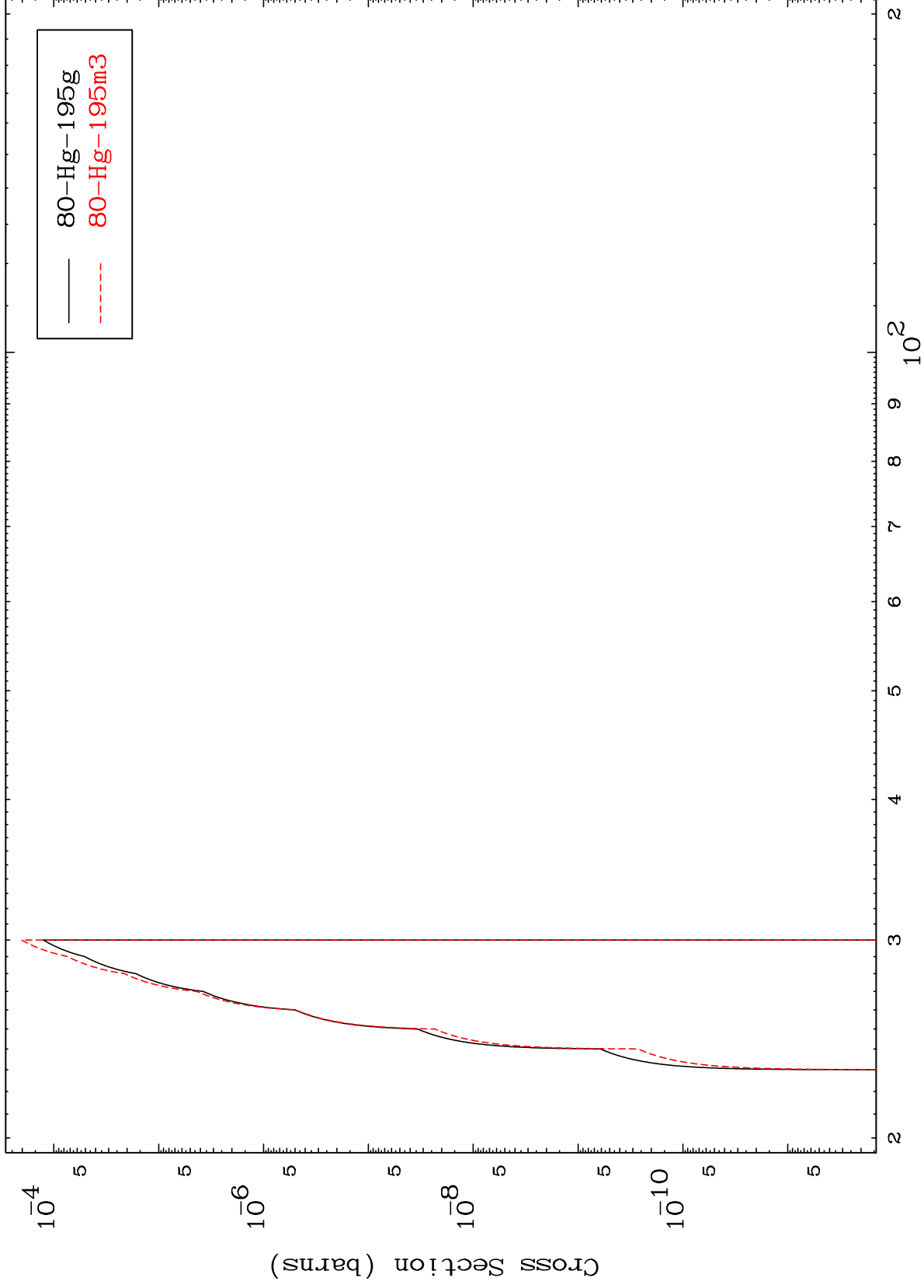


MAT 81110

(n,3n) p

81-T1-198

Radionuclide Production Cross Section



140

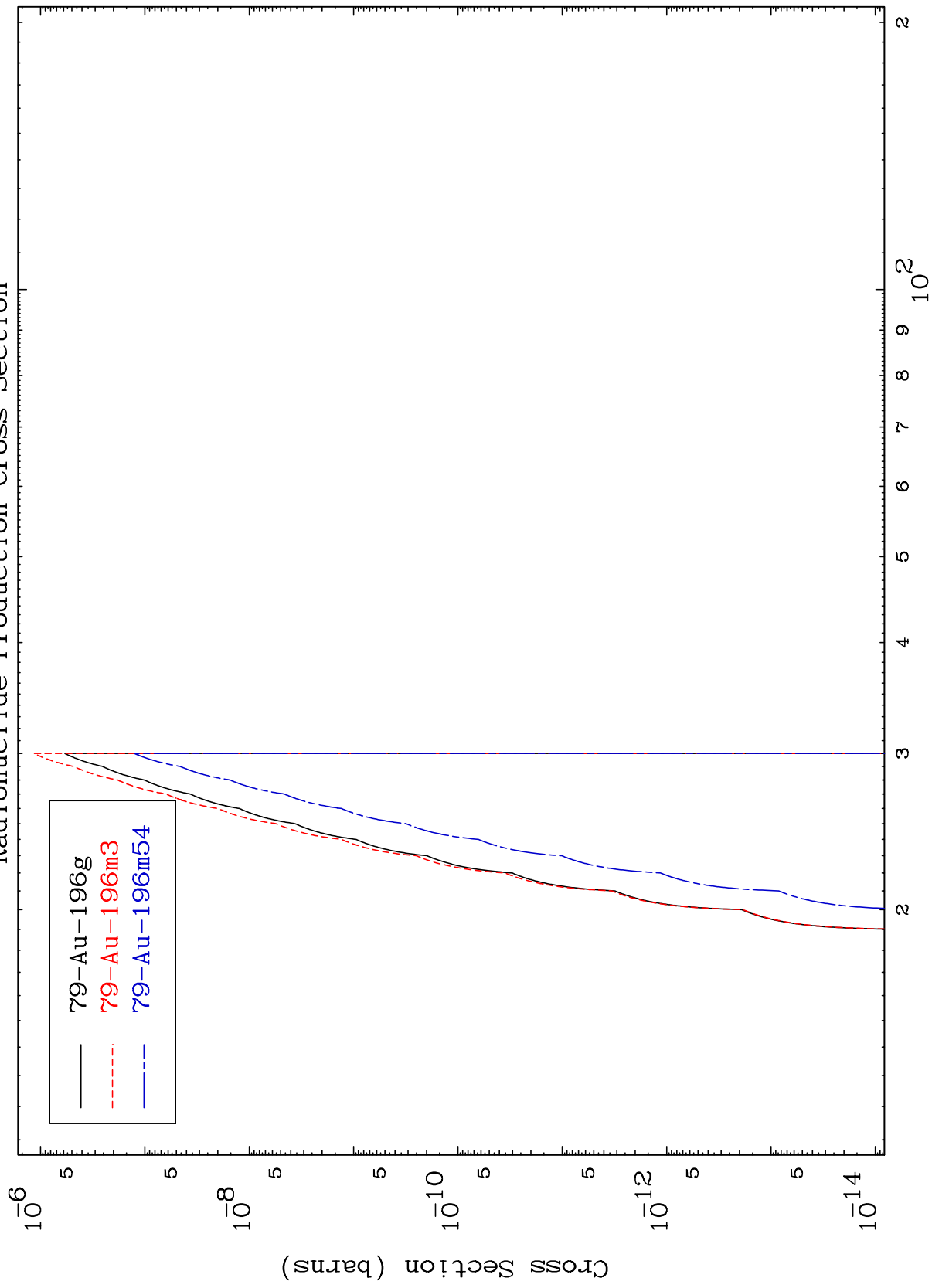
Incident Energy (MeV)

81-T1-198

MAT 8110

81-T1-198

(n,2n) p
Radionuclide Production Cross Section

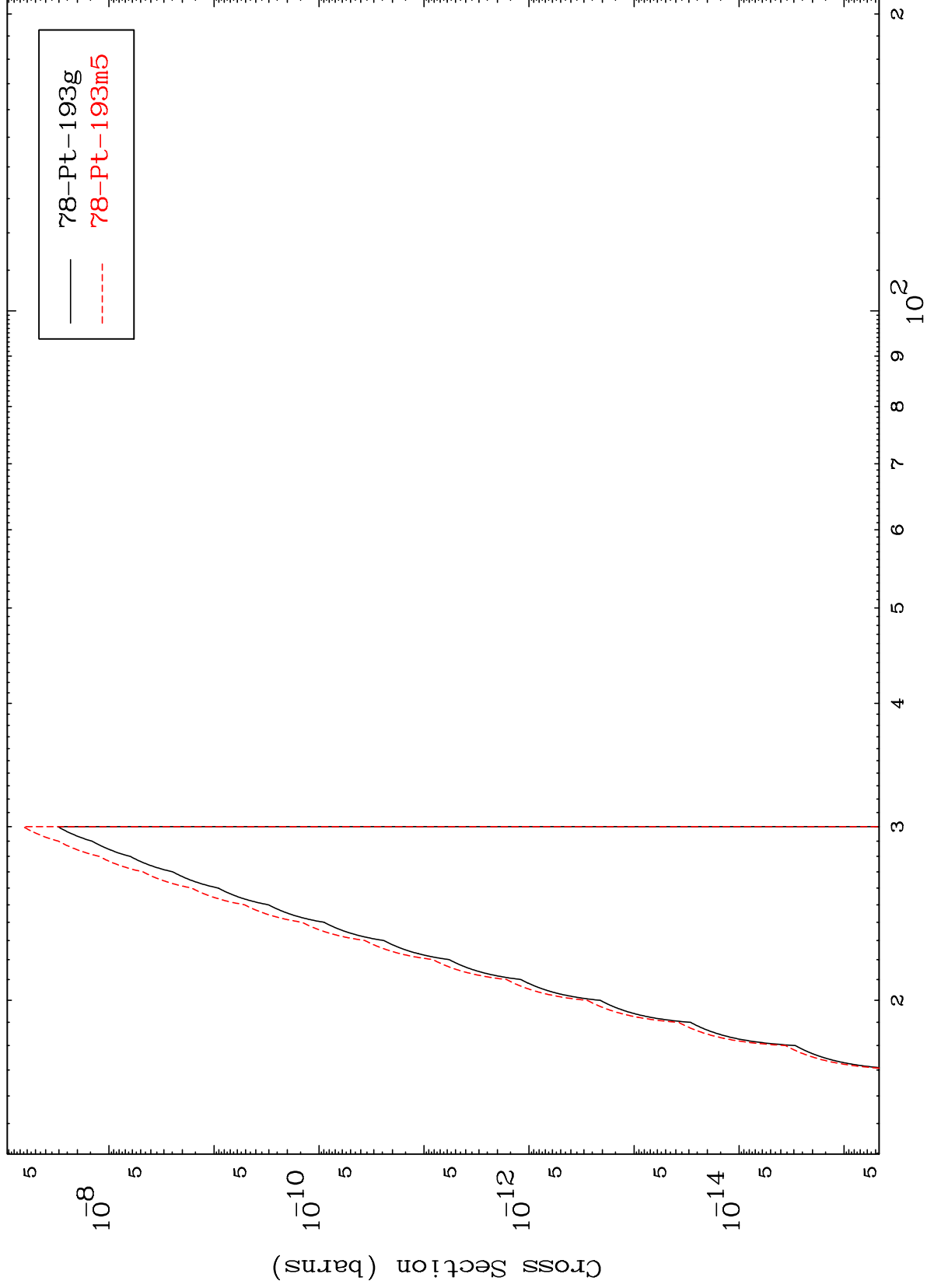


81-T1-198

Incident Energy (MeV)

141

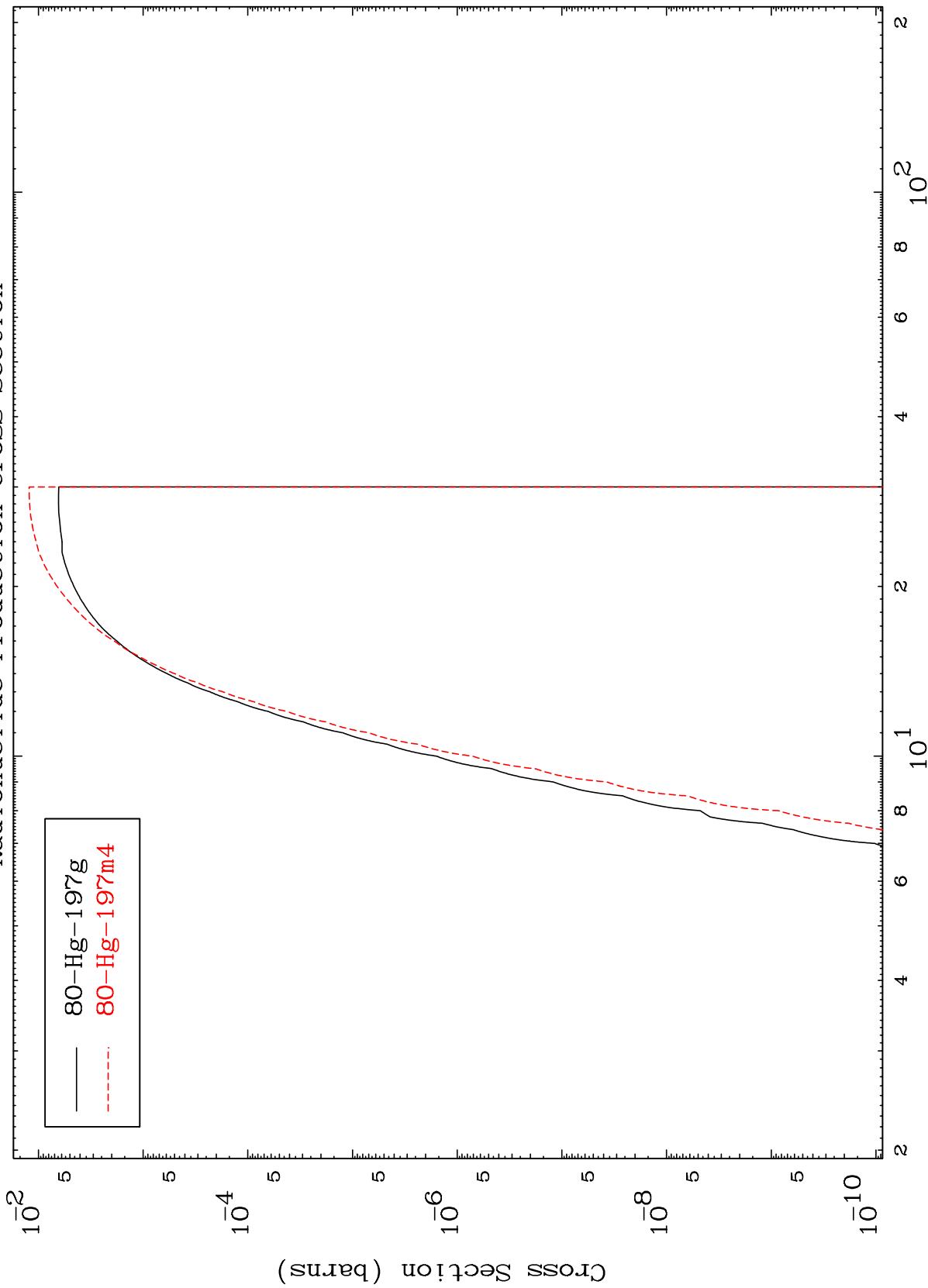
Radionuclide Production Cross Section



MAT 8110

81-Tl-198

(n,d)
Radionuclide Production Cross Section

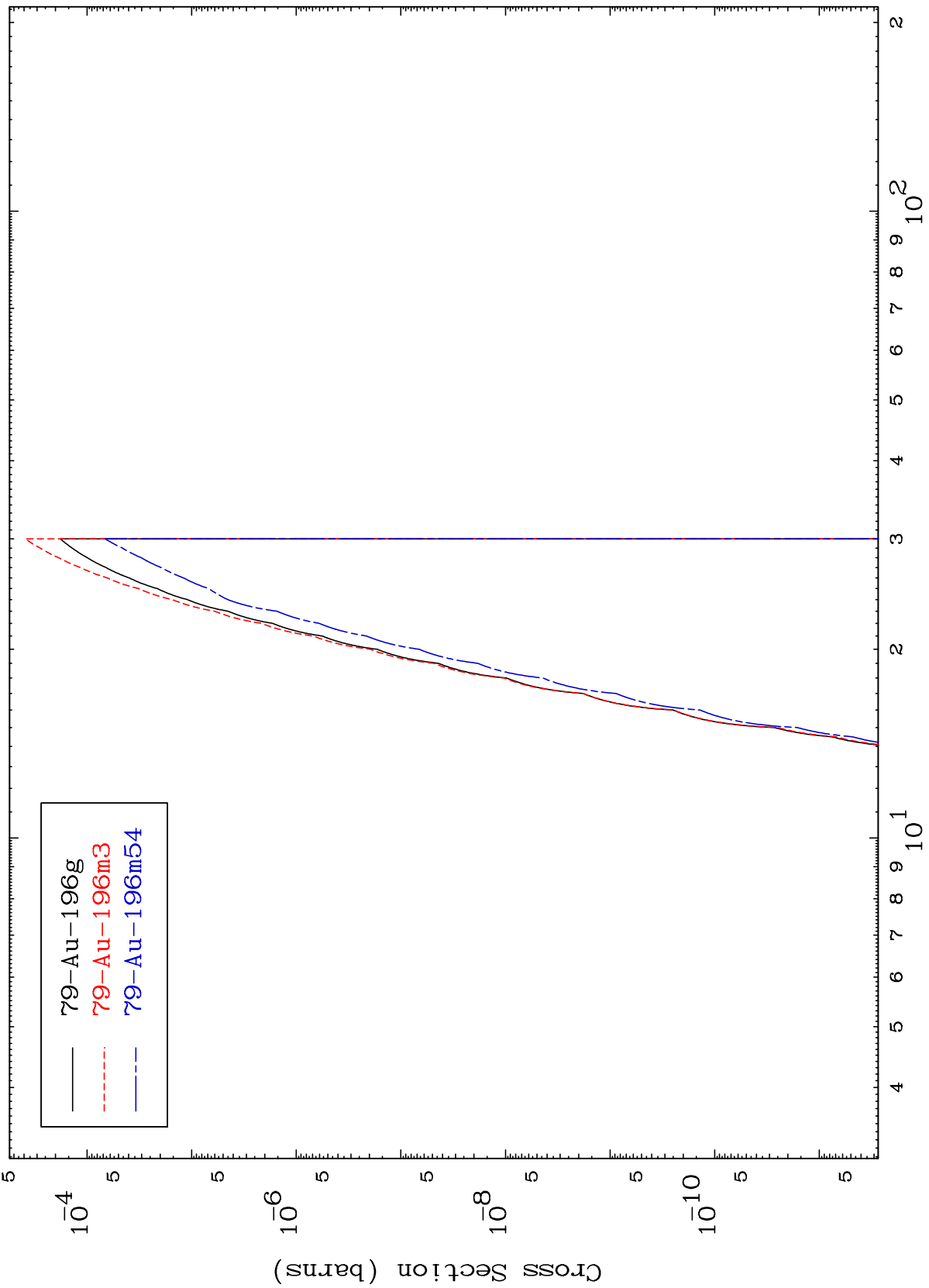


143

81-Tl-198

Incident Energy (MeV)

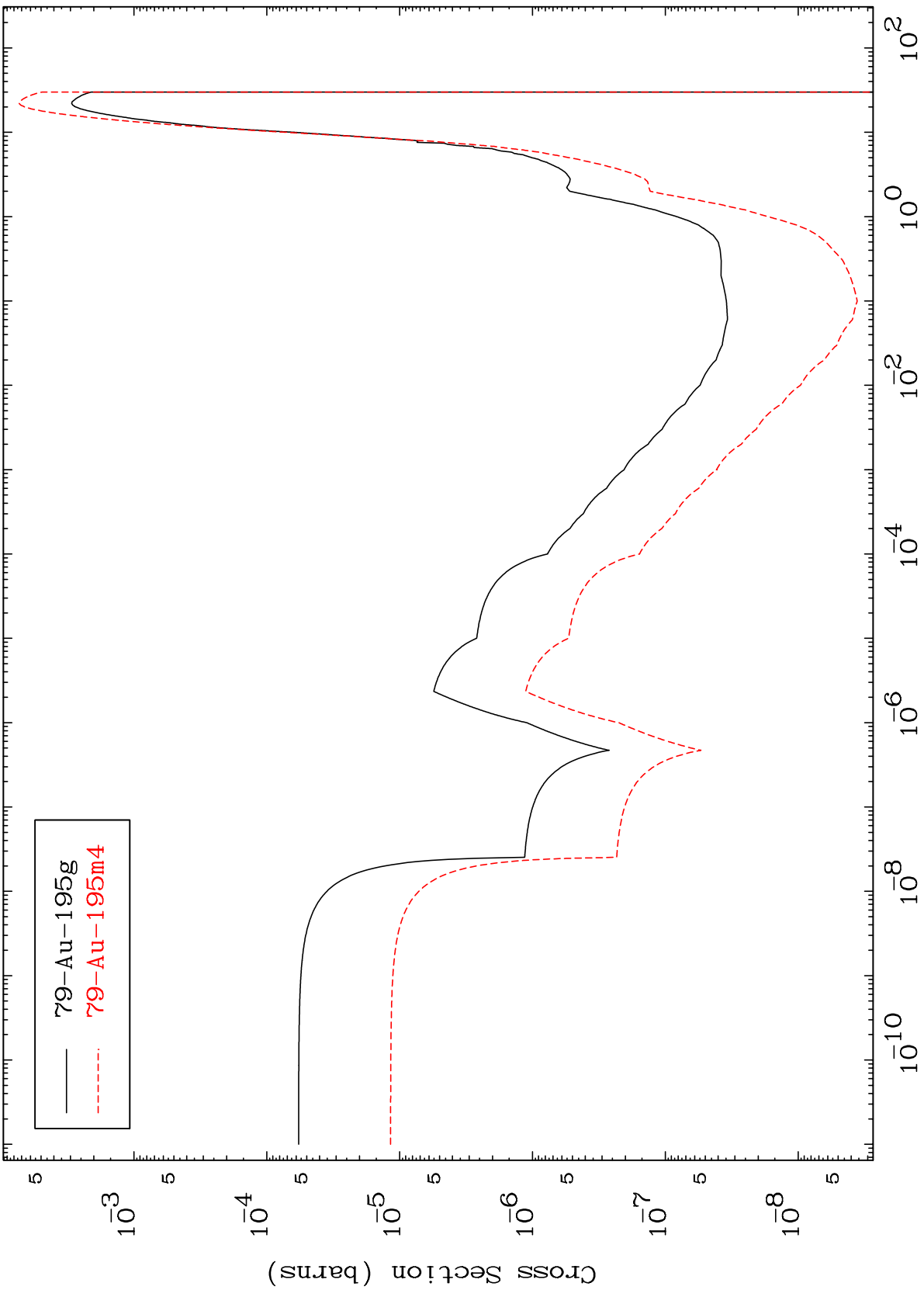
Radionuclide Production Cross Section
(n,He-3)



MAT 8110

81-Tl-198

Radionuclide Production Cross Section (n,α)



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

81-Tl-198

Incident Energy (MeV)

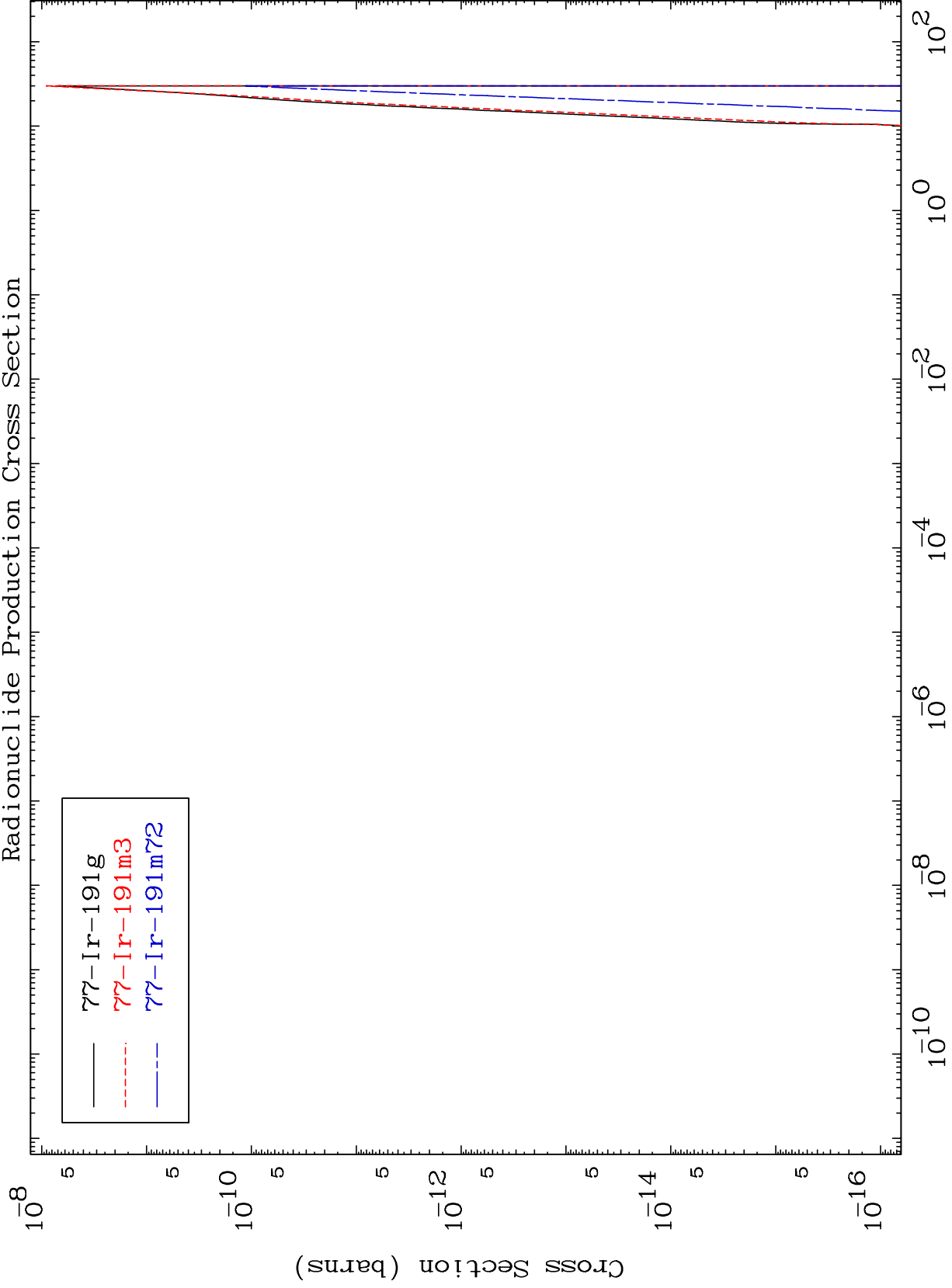
145

MAT 8110

(n,2α)

81-Tl-198

Radionuclide Production Cross Section



146

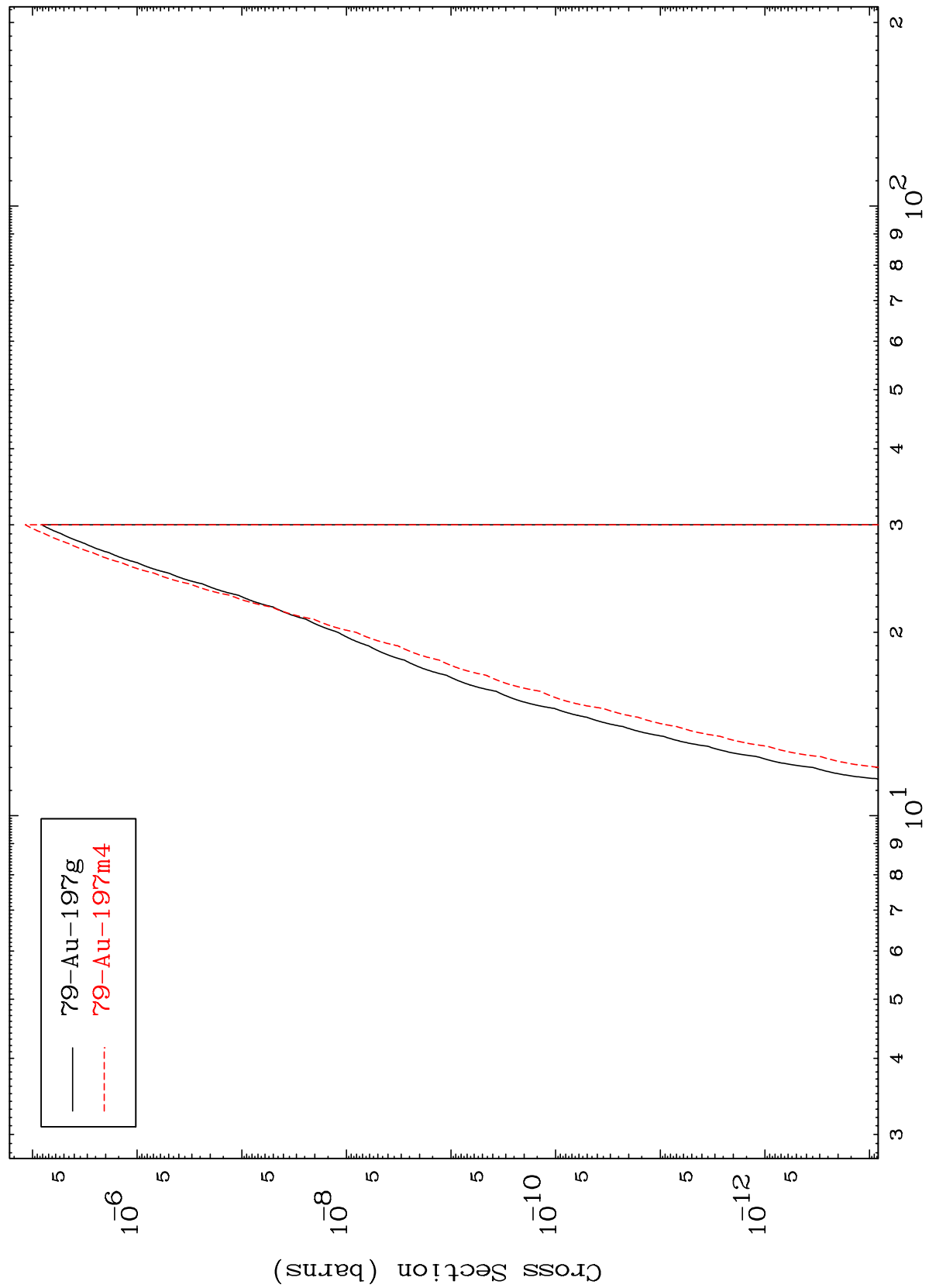
Incident Energy (MeV)

81-Tl-198

MAT 8110

81-Tl-198

Radionuclide Production Cross Section (n,2p)

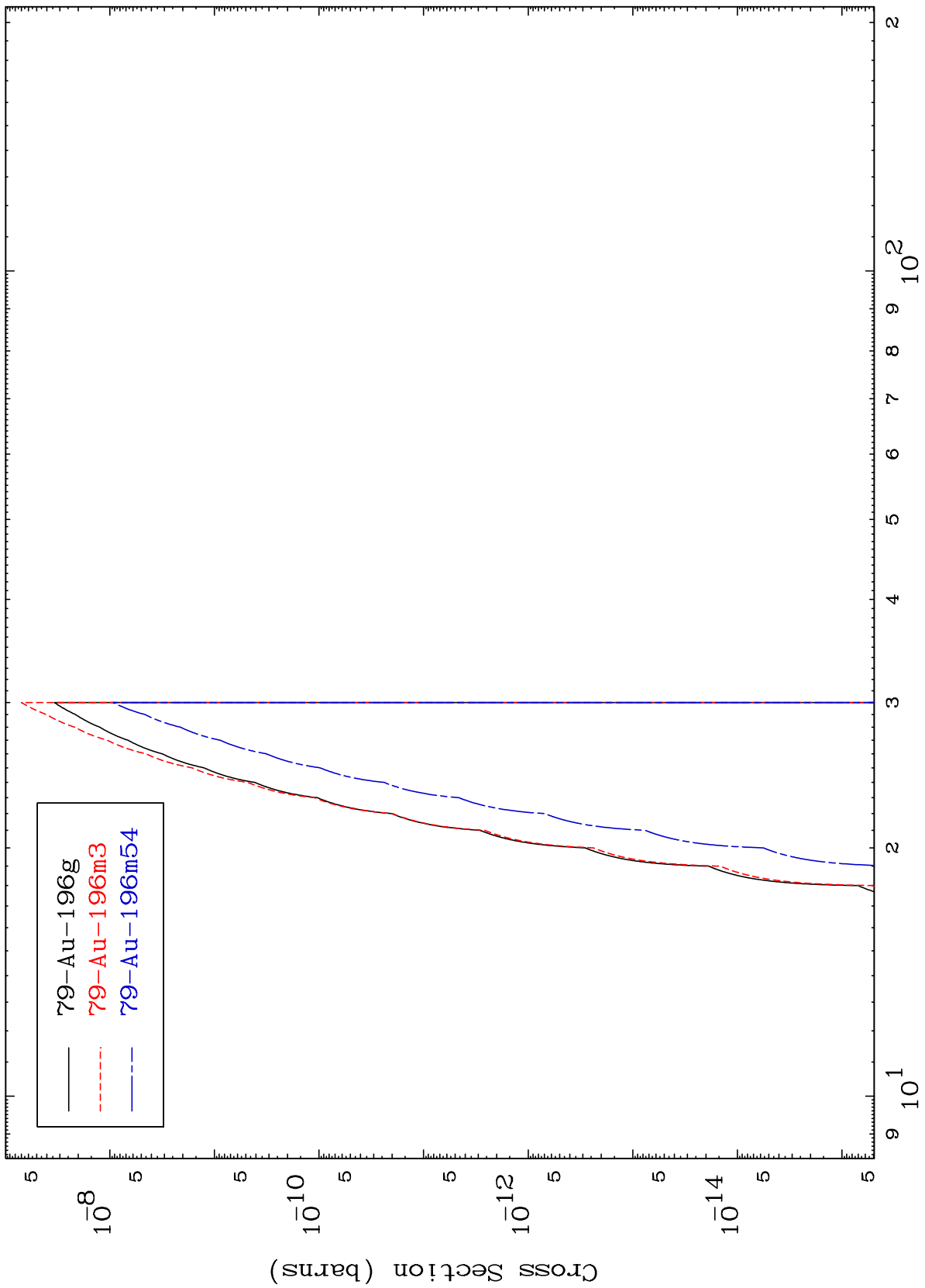


147

81-Tl-198

Incident Energy (MeV)

Radionuclide Production Cross Section



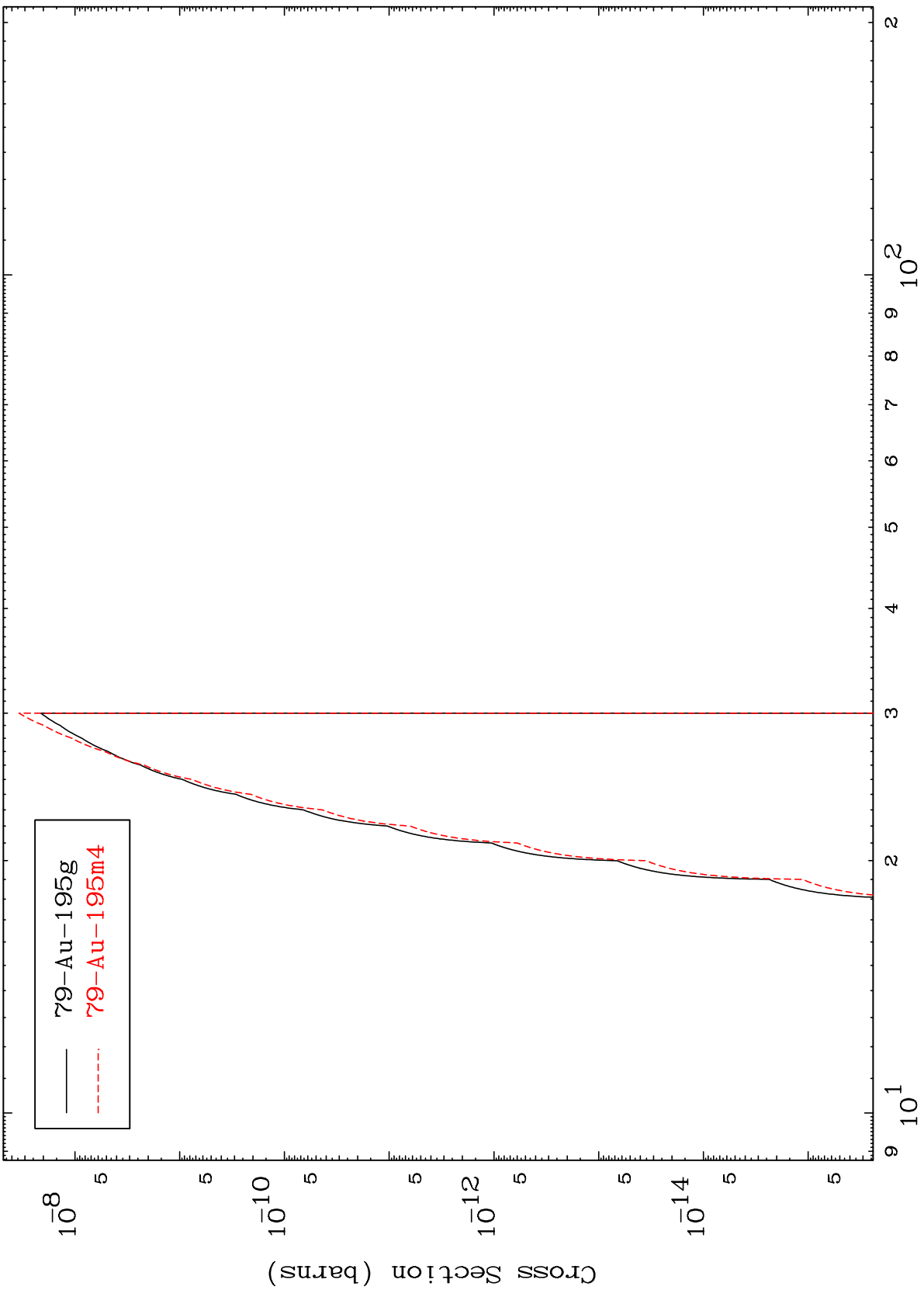
79-Au-196g
79-Au-196m3
79-Au-196m54

MAT 8110

(n,p) t

81-Tl-198

Radionuclide Production Cross Section



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

149

Incident Energy (MeV)

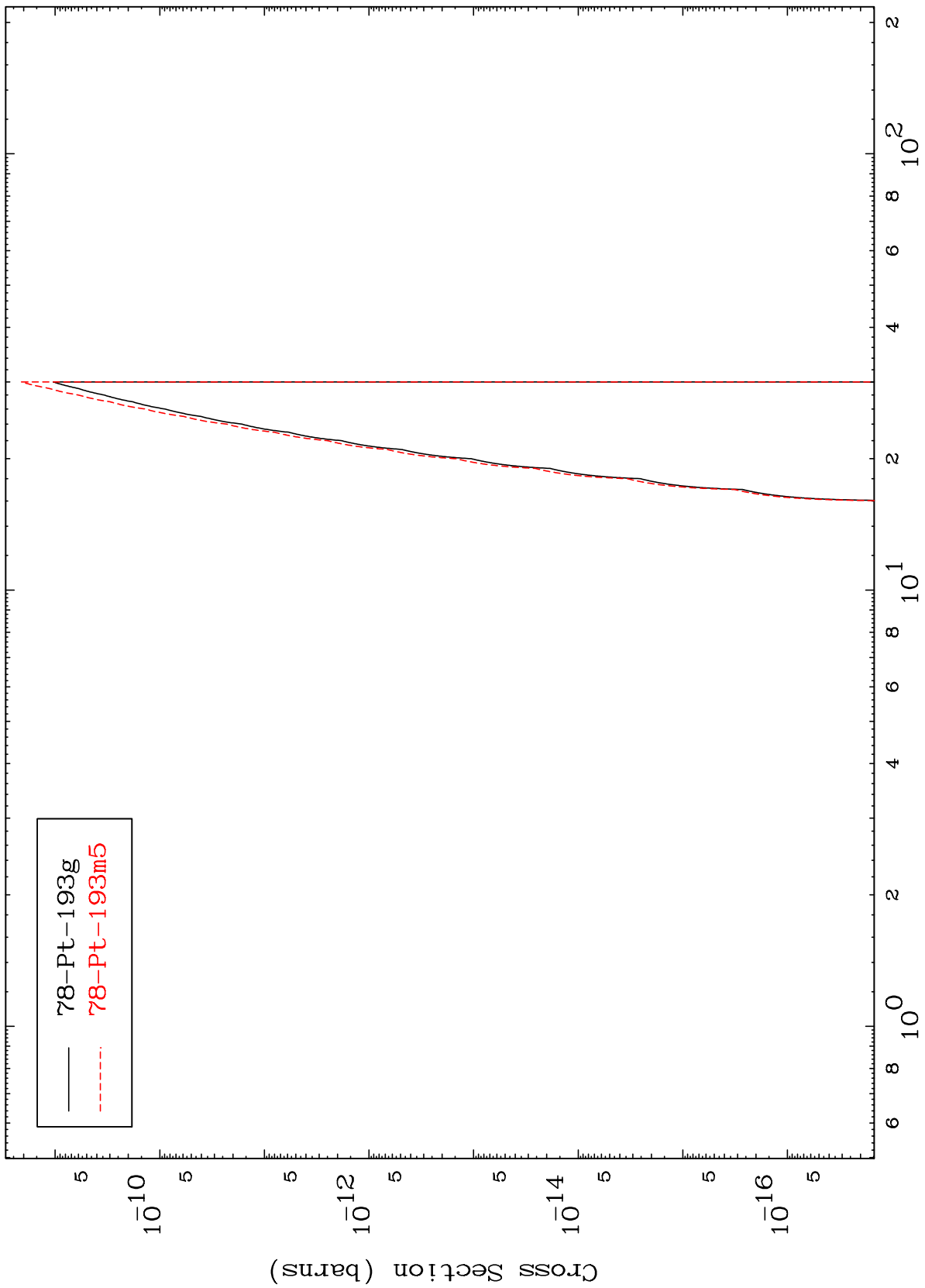
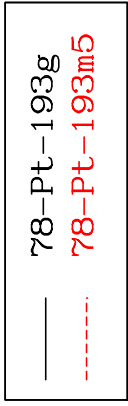
81-Tl-198

MAT 8110

(n,d) α

81-T1-198

Radionuclide Production Cross Section



150

Incident Energy (MeV)

81-T1-198