

Program EVALPLOT
(Version 2018-1)

by

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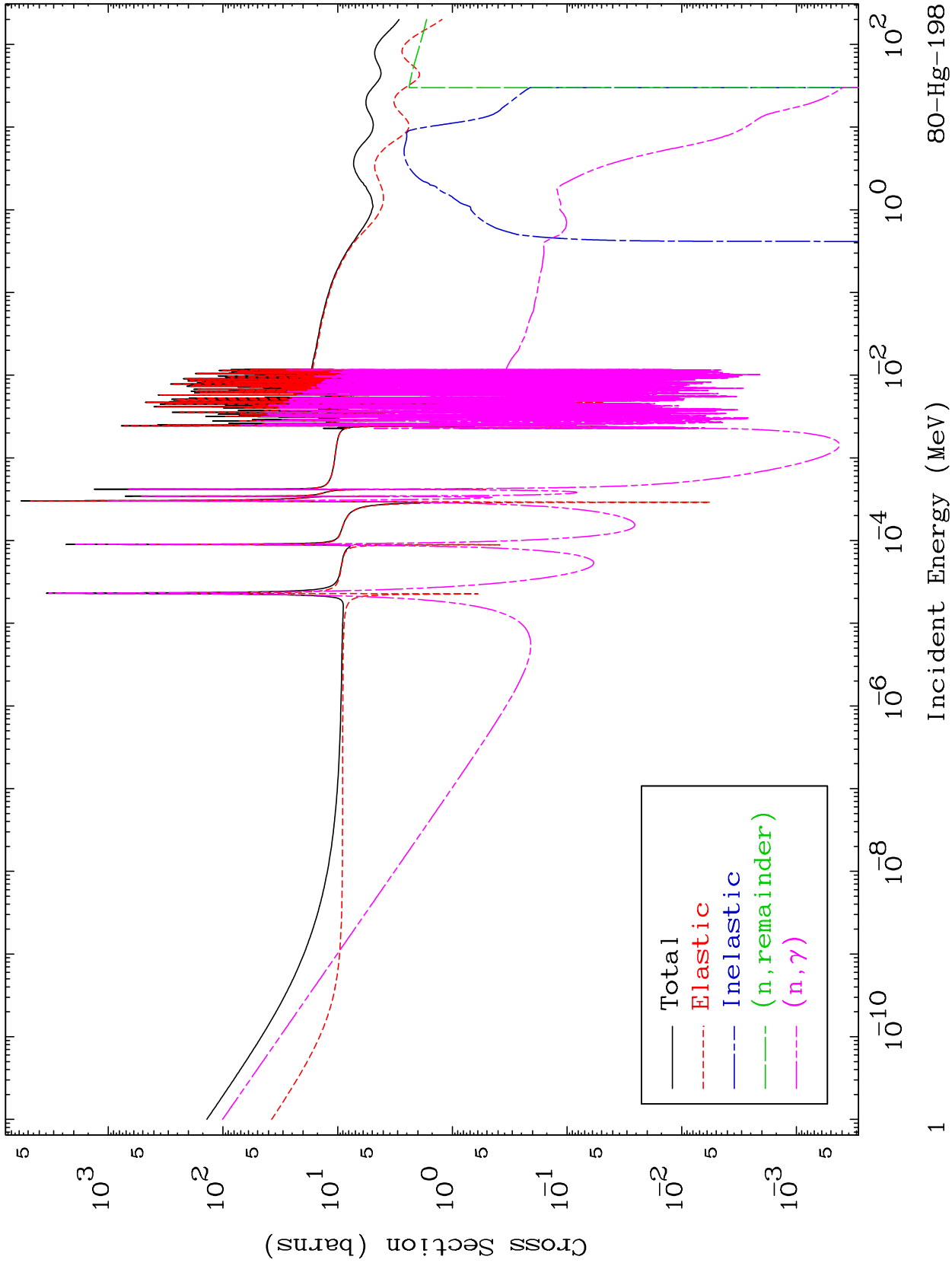
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8031

Major
293 Kelvin Cross Sections

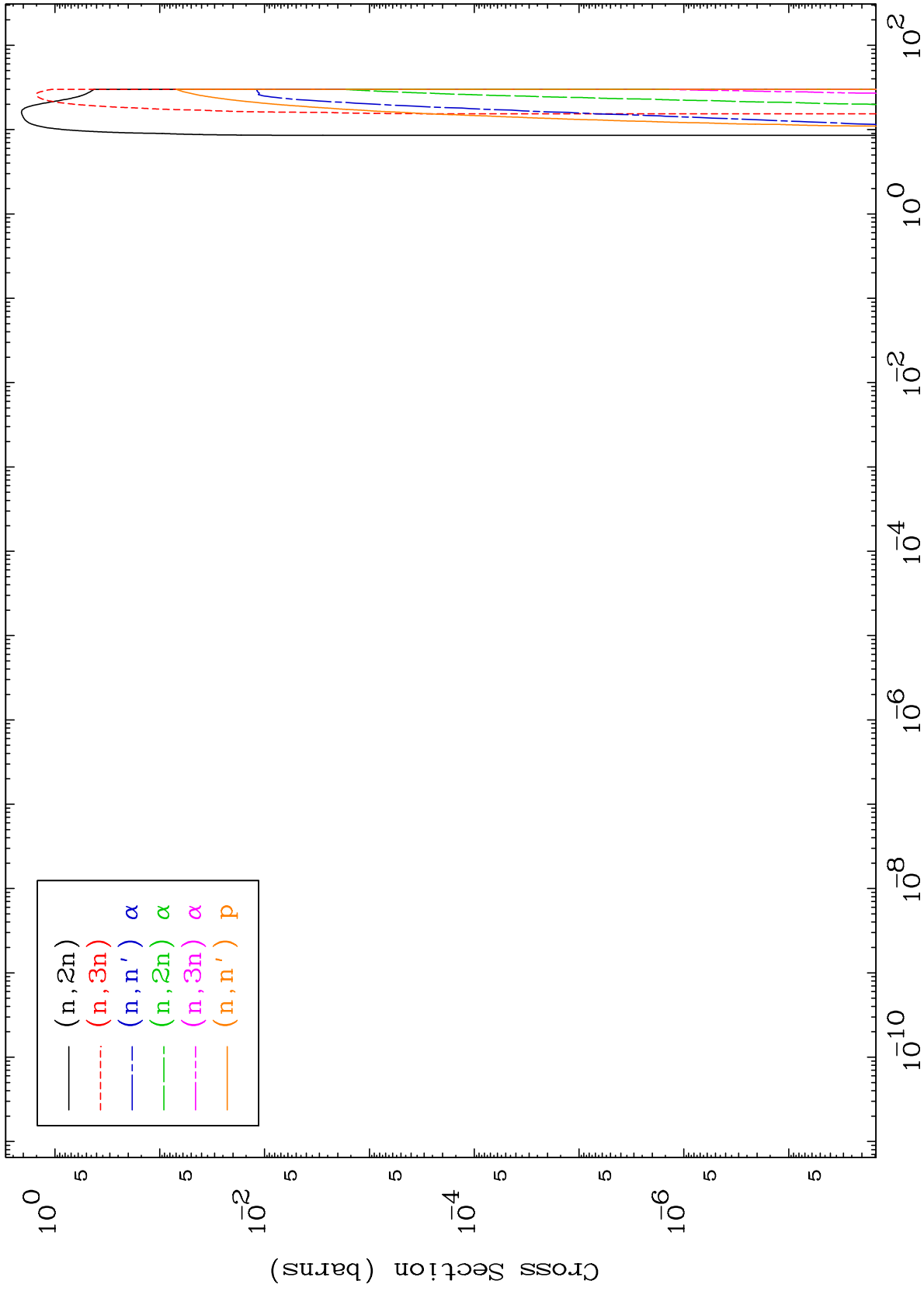
80-Hg-198



MAT 8031

Neutron Production
293 Kelvin Cross Sections

80-Hg-198



2

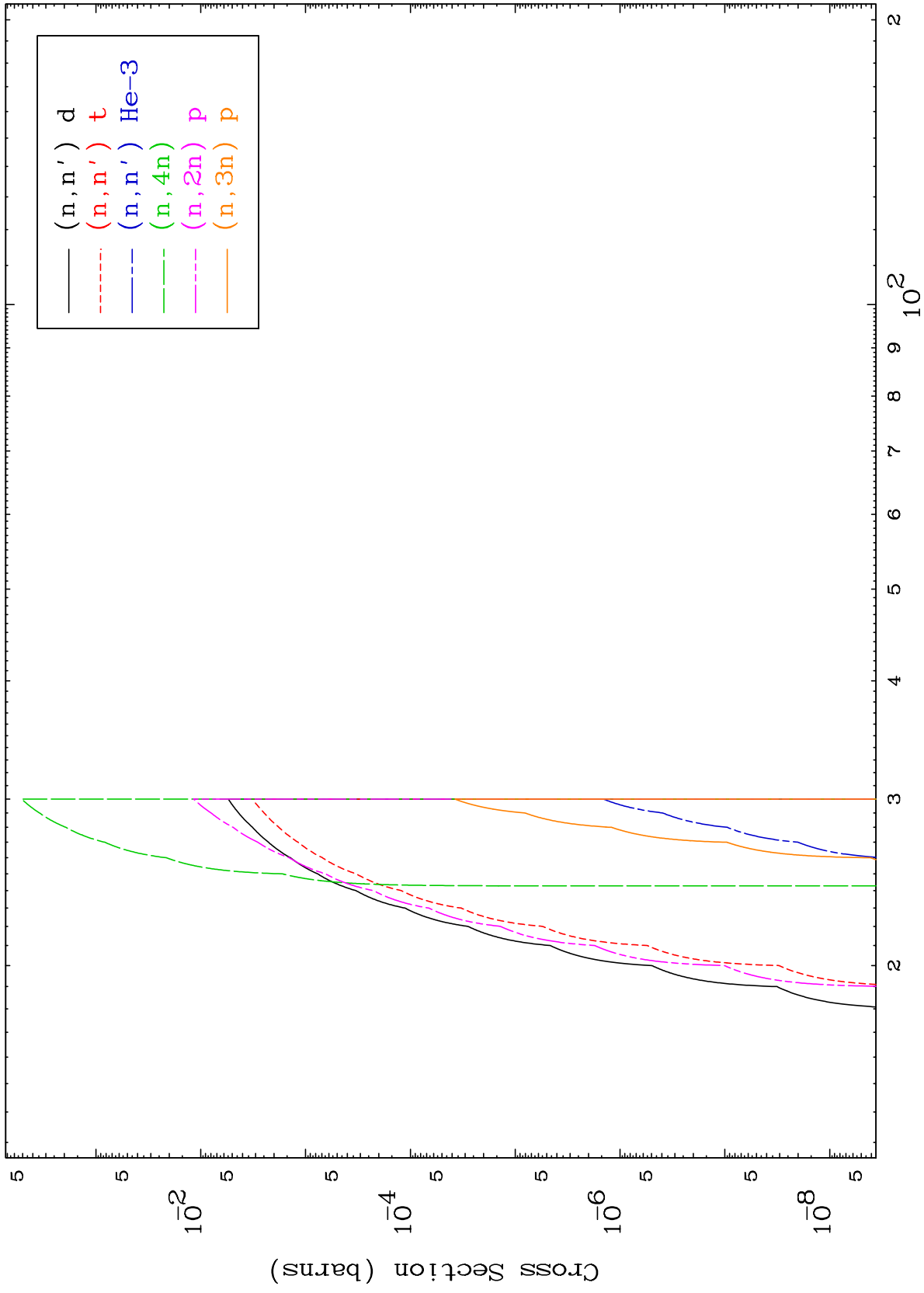
Incident Energy (MeV)

80-Hg-198

MAT 8031

Neutron Production
293 Kelvin Cross Sections

80-Hg-198



3

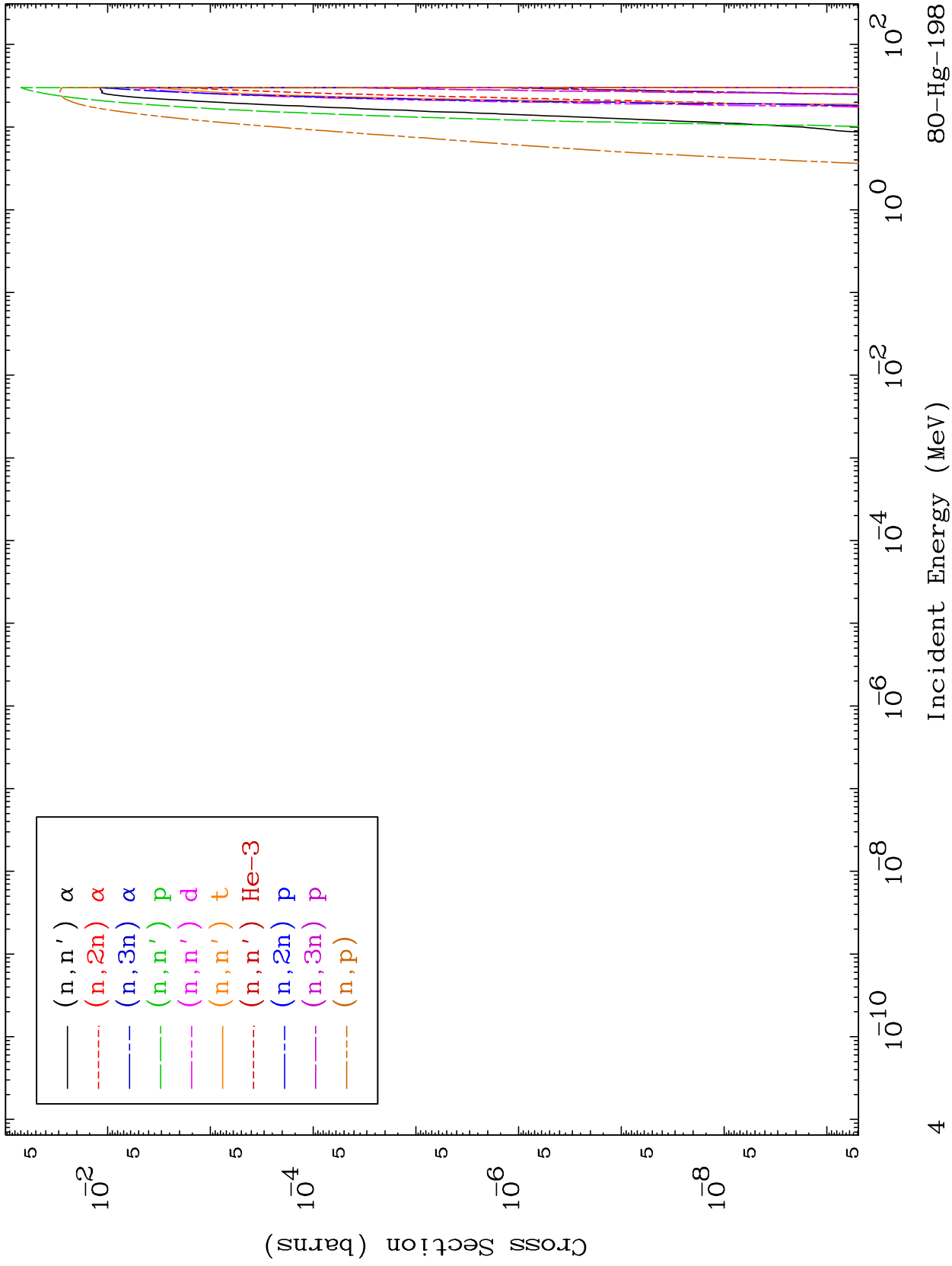
Incident Energy (MeV)

80-Hg-198

MAT 8031

293 Kelvin Cross Sections

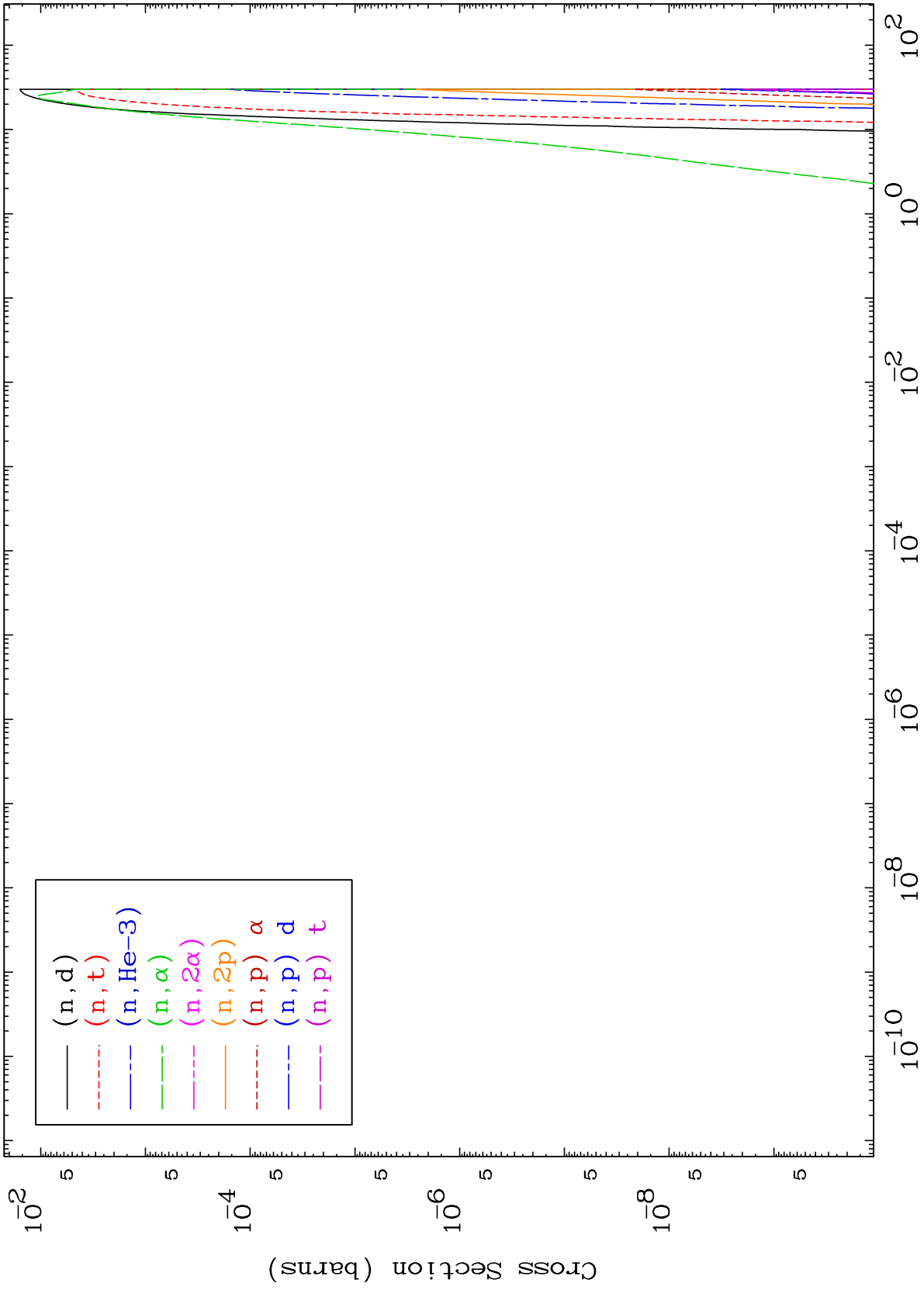
80-Hg-198



MAT 8031

293 Kelvin Cross Sections

80-Hg-198



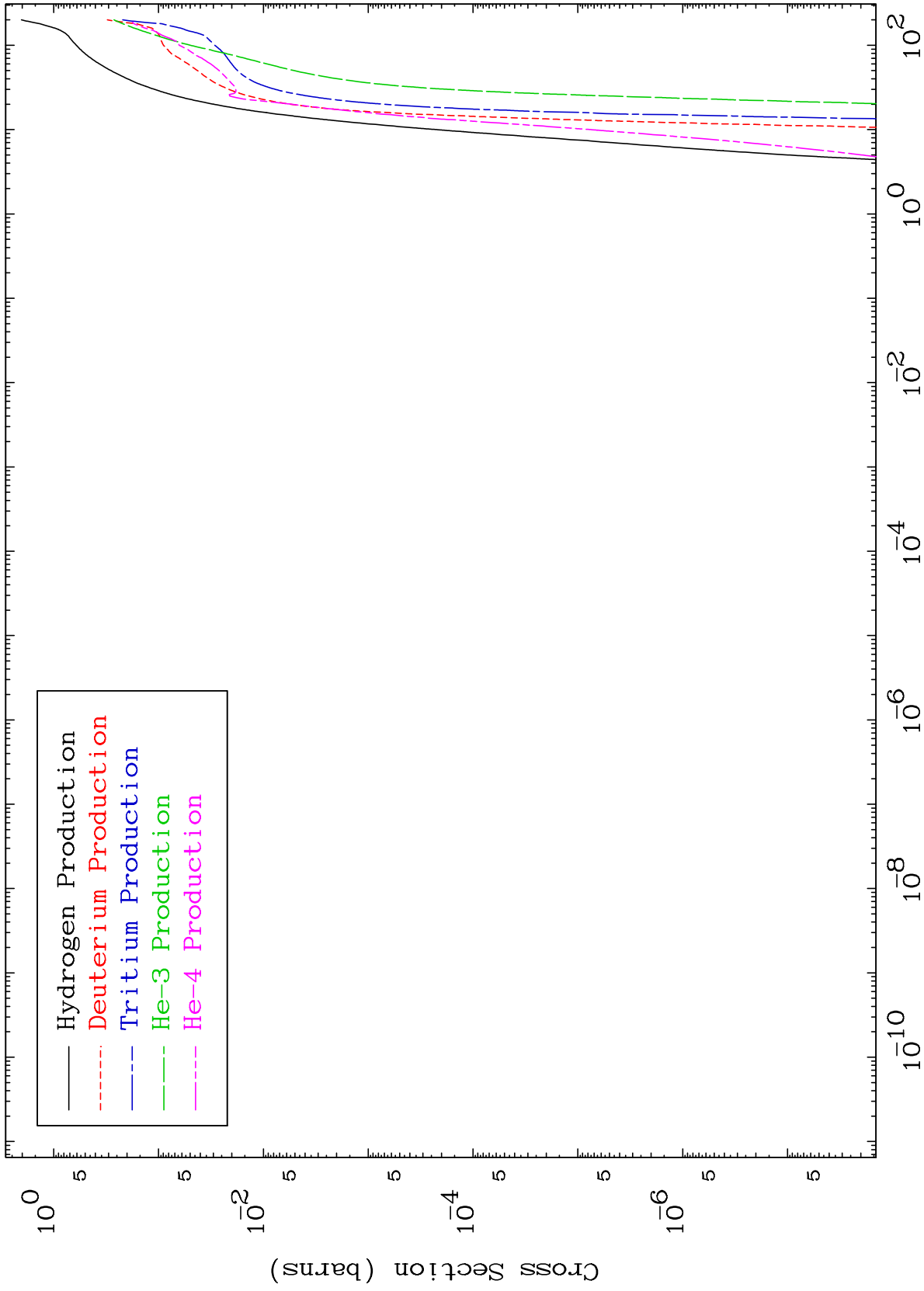
5

80-Hg-198

MAT 8031

Particle Production
293 Kelvin Cross Sections

80-Hg-198

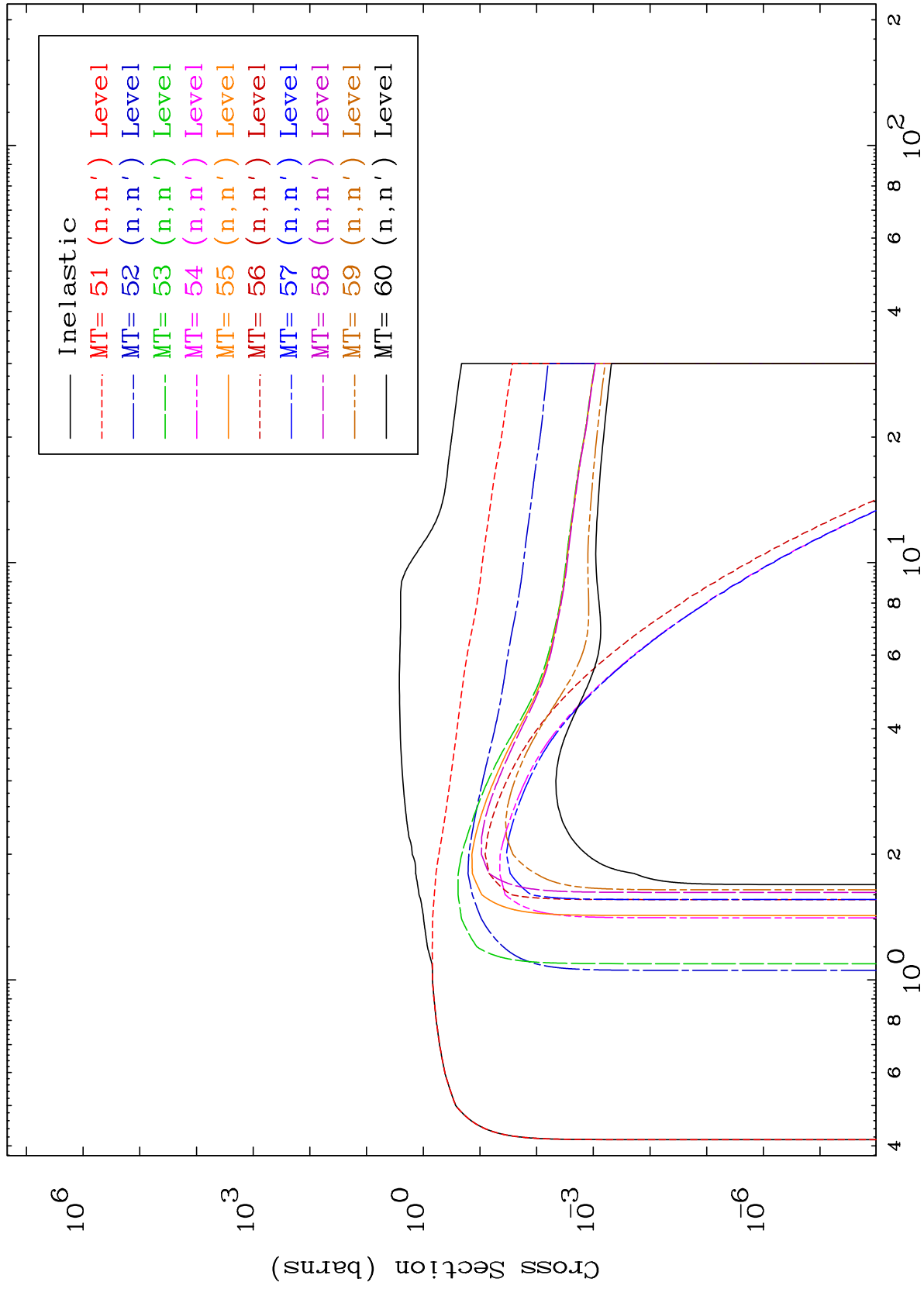


MAT 8031

(n,n') Level

80-Hg-198

293 Kelvin Cross Sections



7

Incident Energy (MeV)

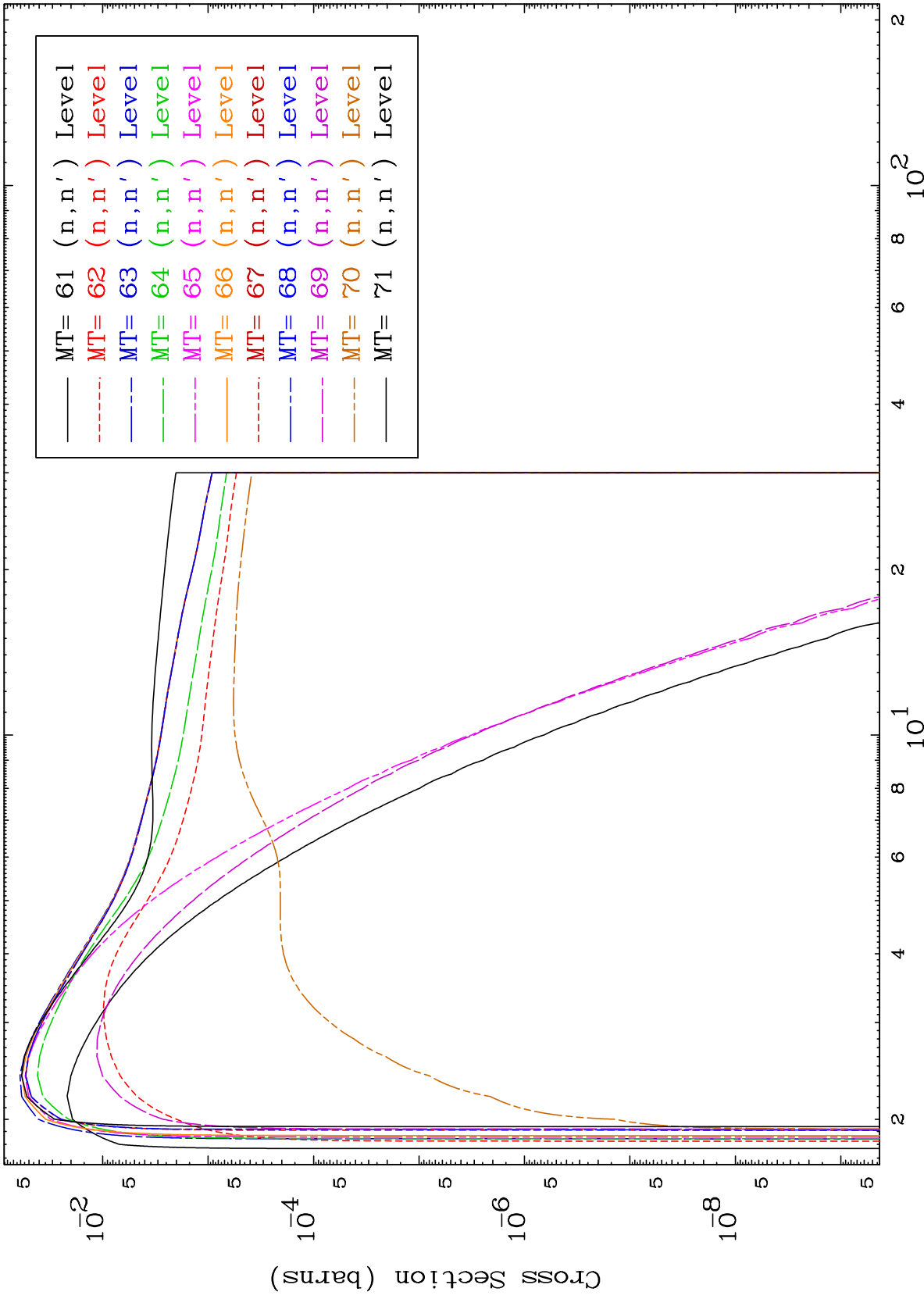
80-Hg-198

MAT 8031

(n,n') Level

293 Kelvin Cross Sections

80-Hg-198



8

Incident Energy (MeV)

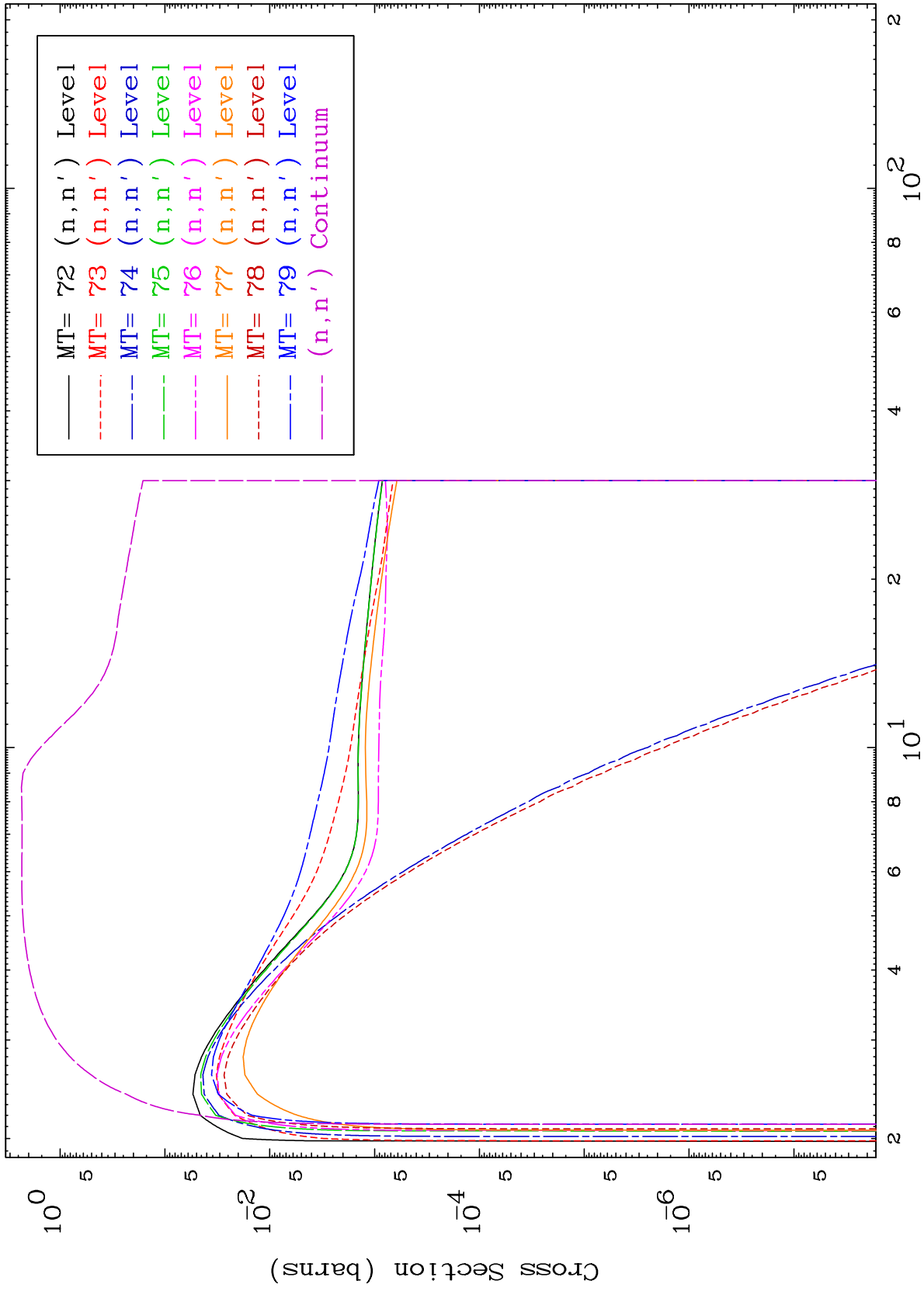
80-Hg-198

MAT 8031

(n,n') Level

80-Hg-198

293 Kelvin Cross Sections



9

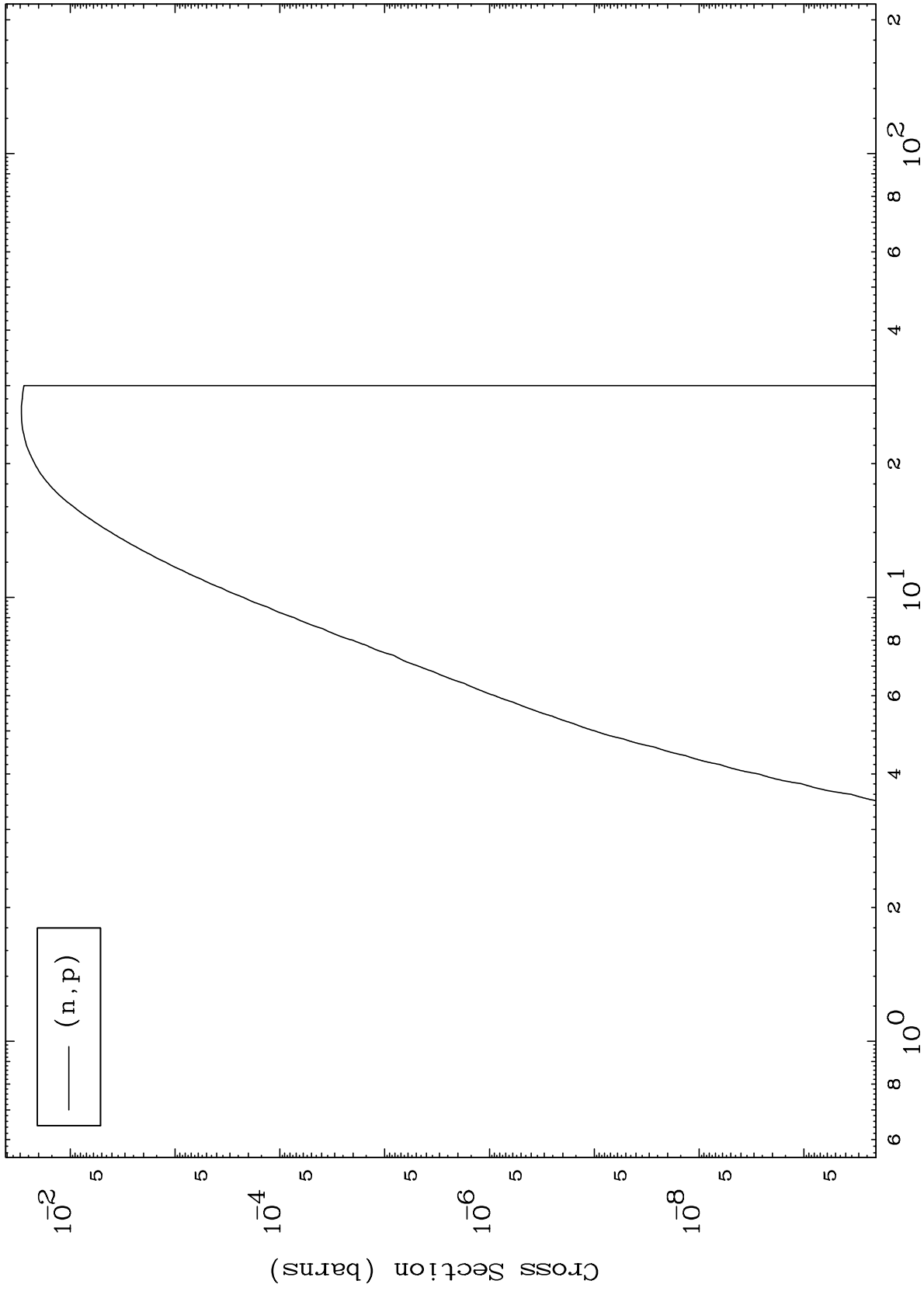
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-198



10

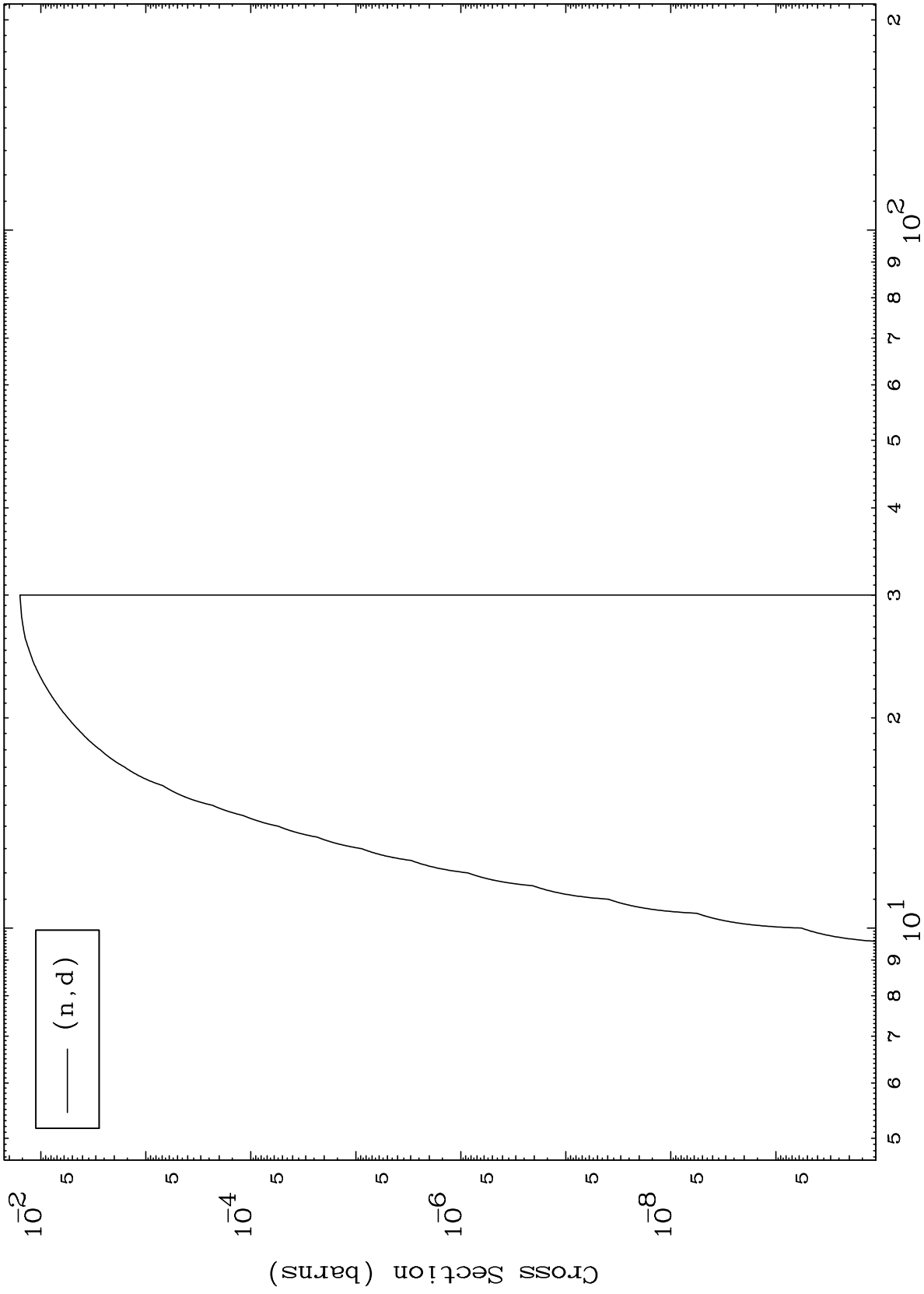
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-198



11

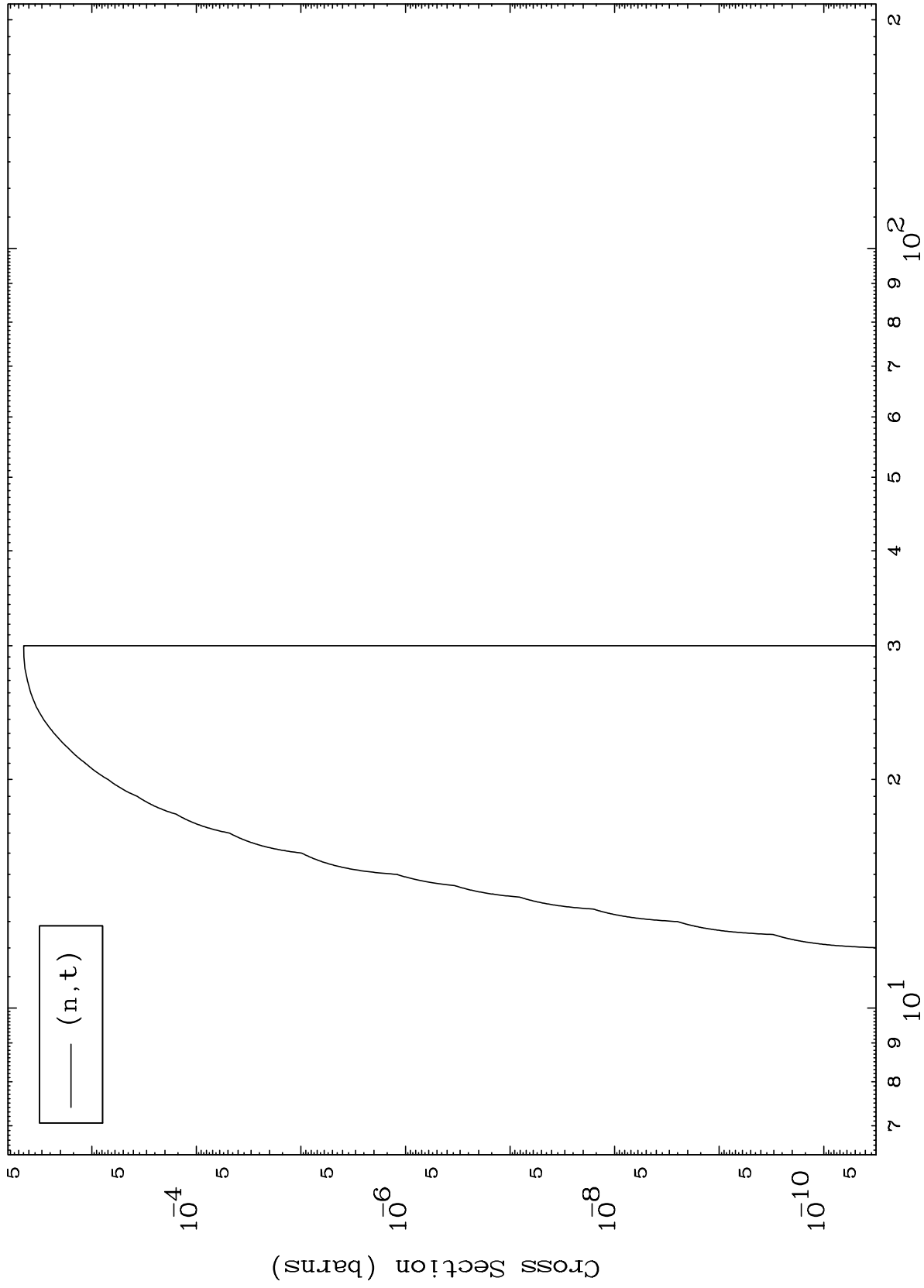
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-198



12

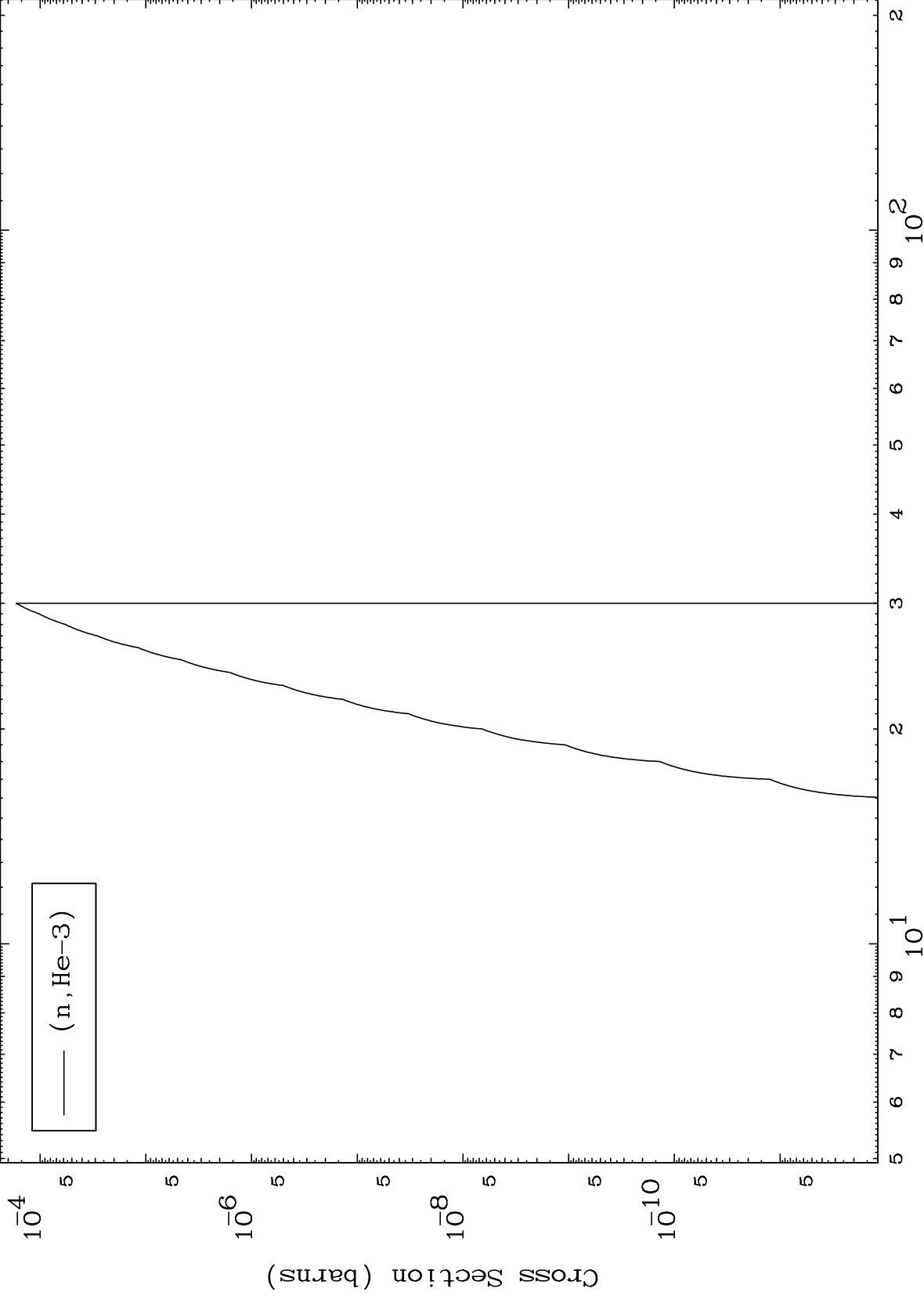
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-198



13

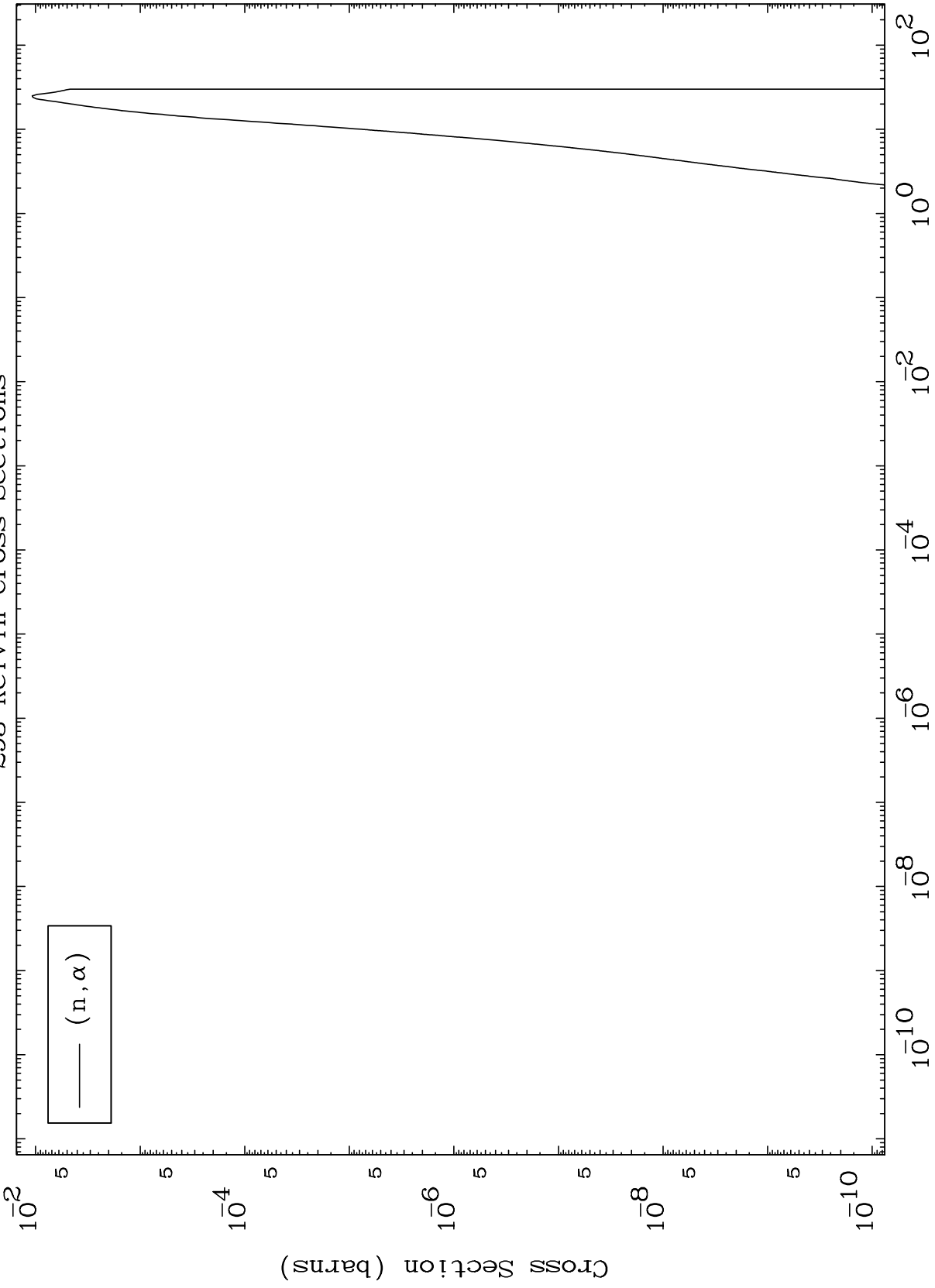
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n, α) Levels
293 Kelvin Cross Sections

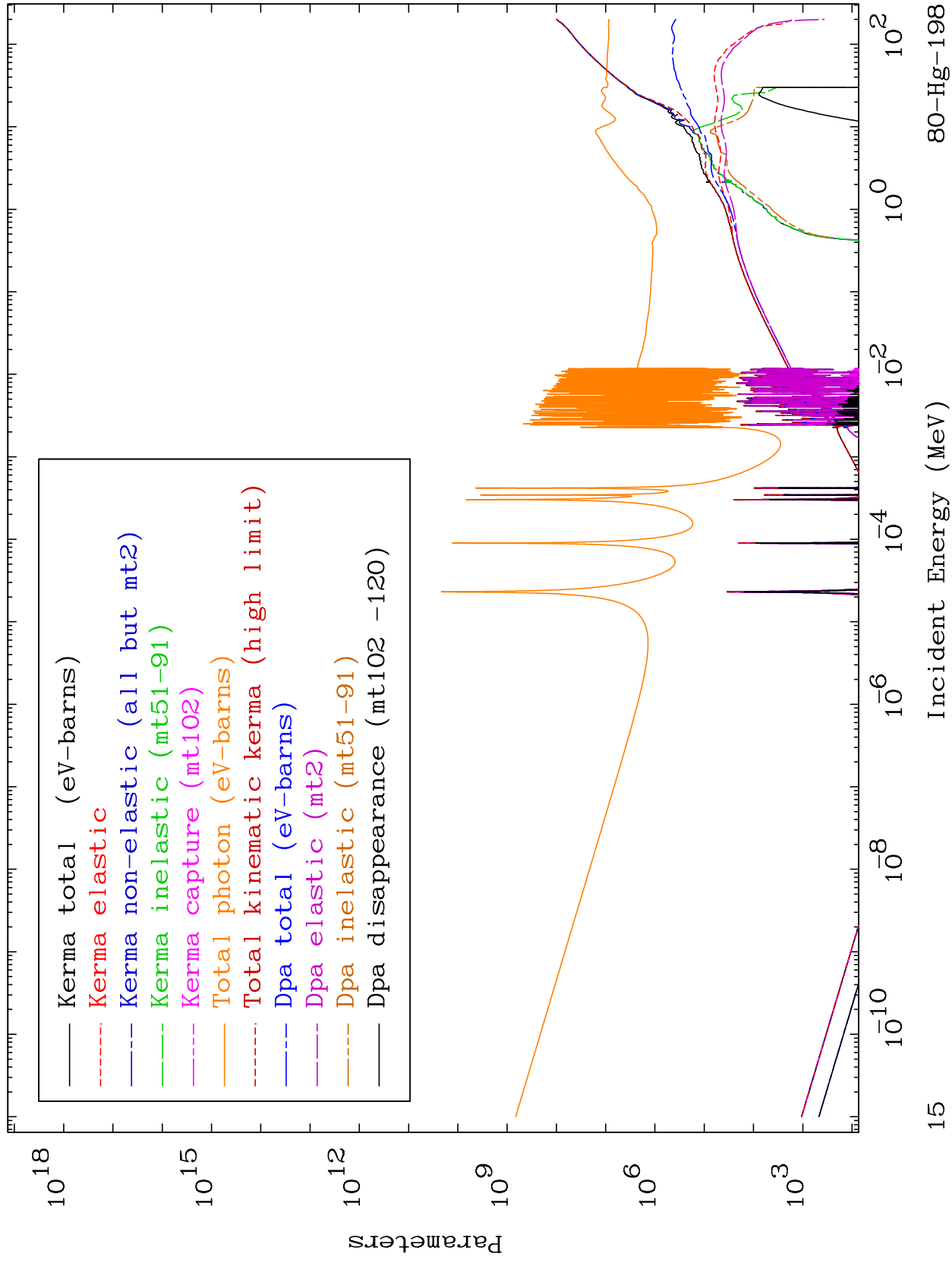
80-Hg-198



14

Incident Energy (MeV)

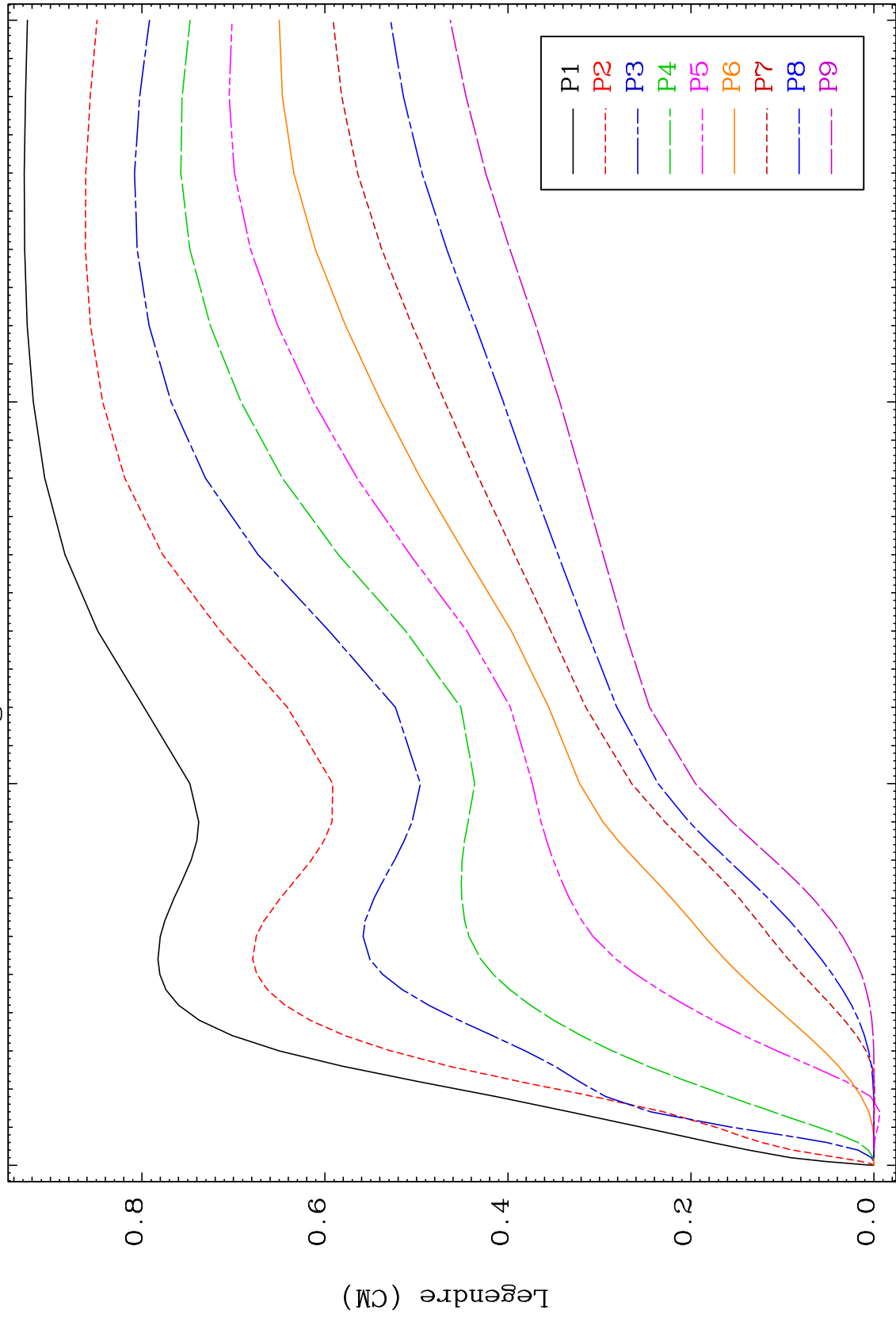
80-Hg-198



MAT 8031

Elastic Legendre Coefficients

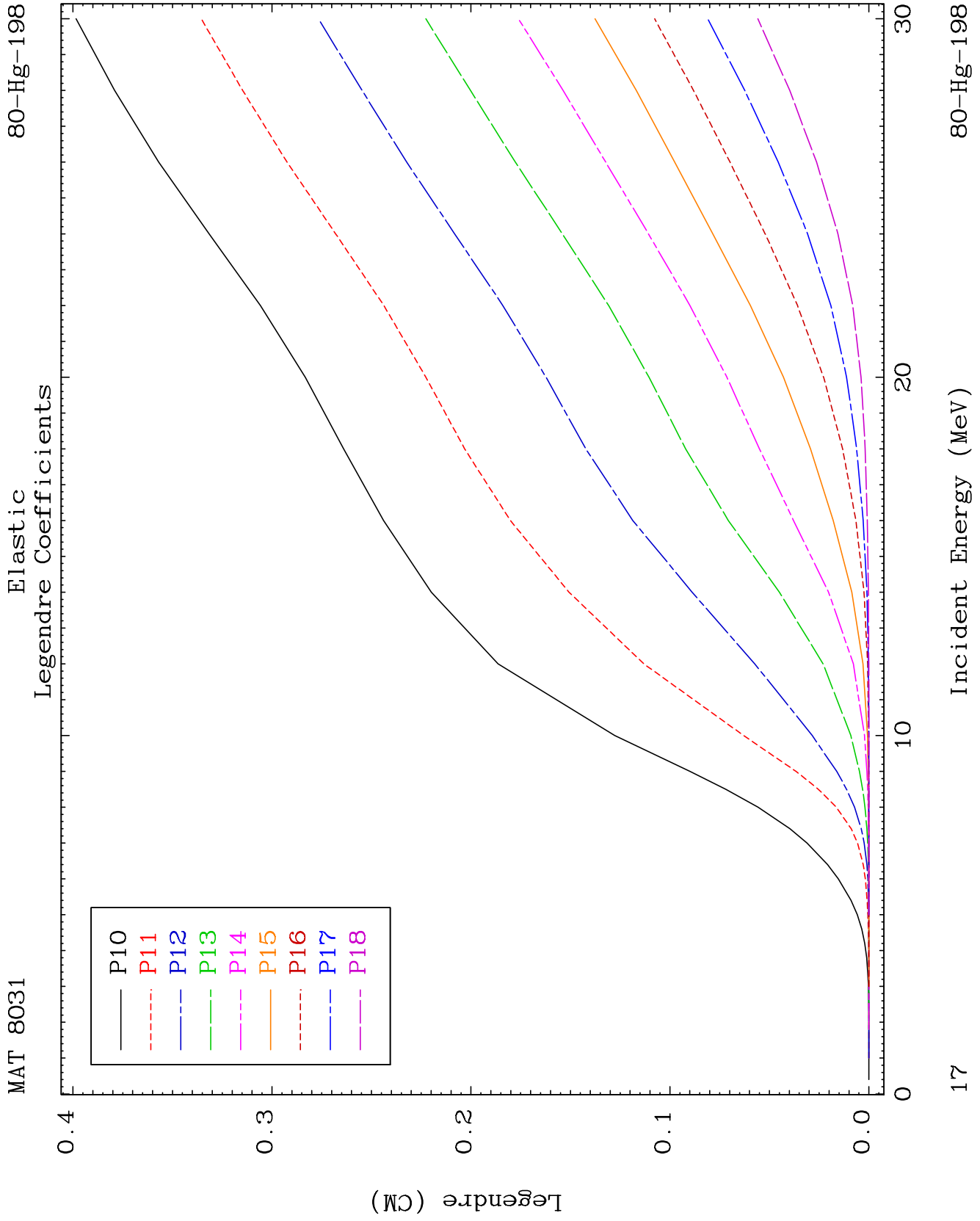
80-Hg-198



16

Incident Energy (MeV)

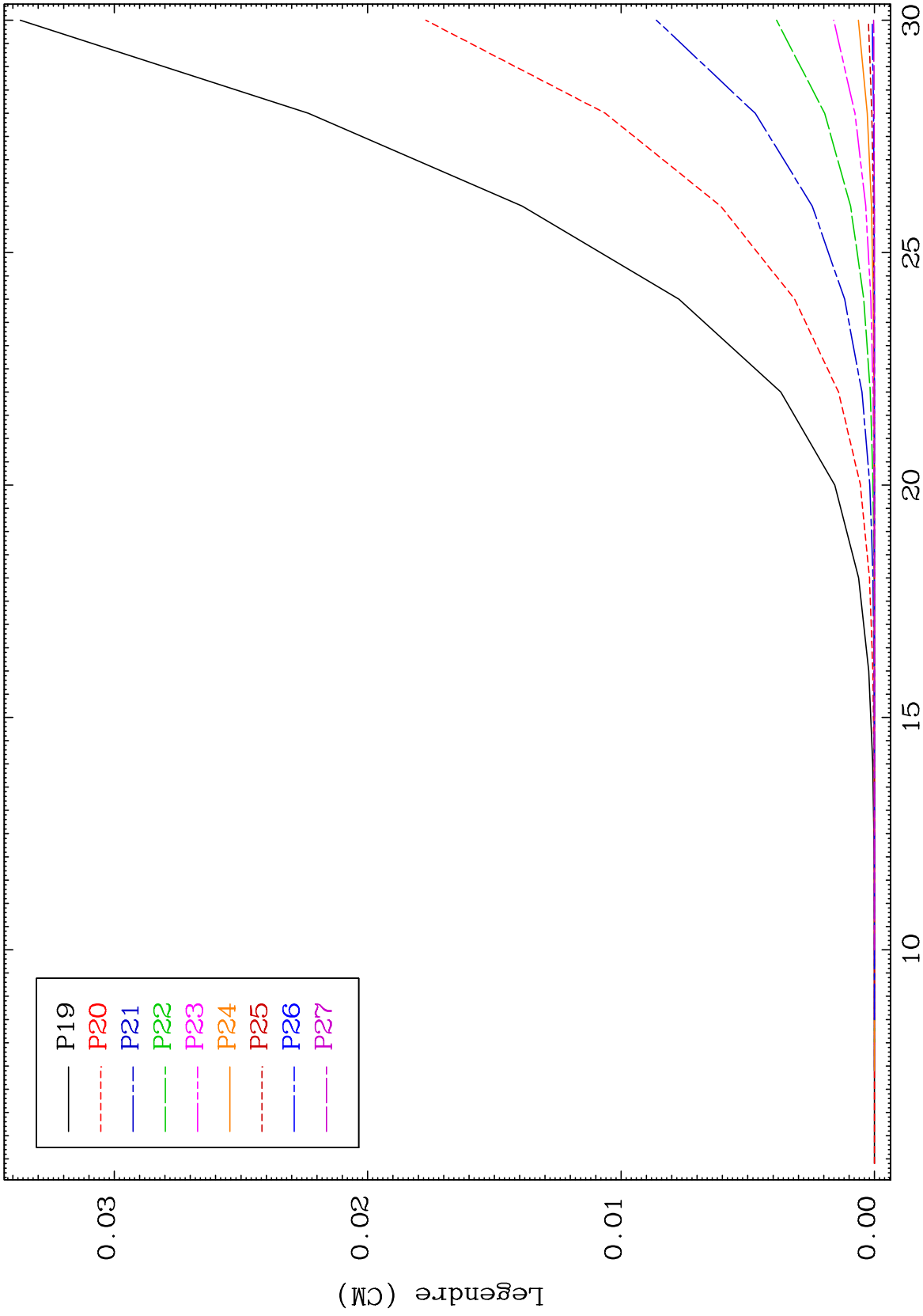
80-Hg-198



MAT 8031

Elastic Legendre Coefficients

80-Hg-198



18

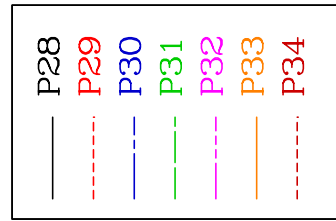
Incident Energy (MeV)

80-Hg-198

MAT 8031

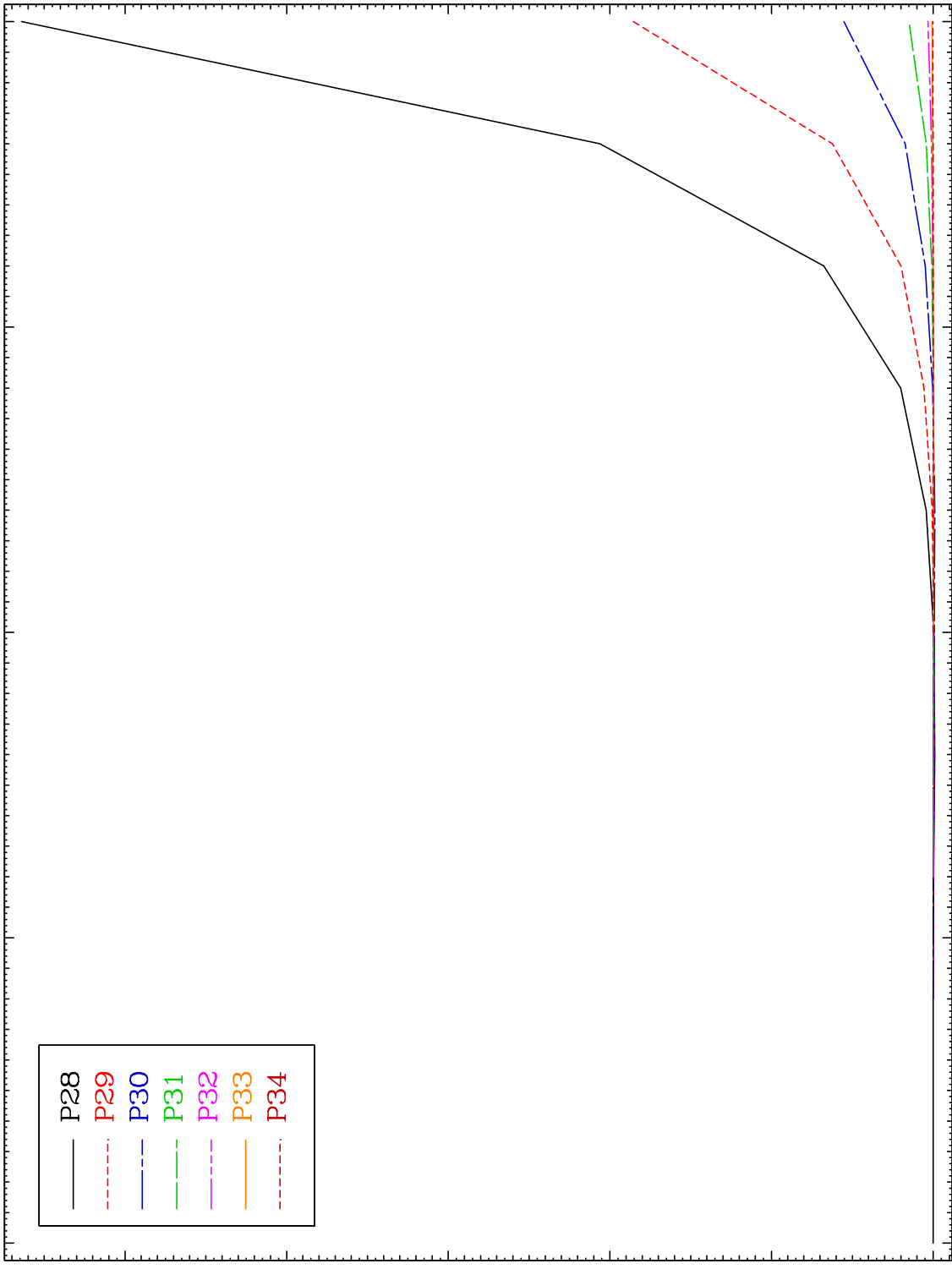
Elastic Legendre Coefficients

80-Hg-198



$\times 10^{-5}$
1.0
0.8
0.6
0.4
0.2
0.0

Legendre (CM)



10

15

20

25

30

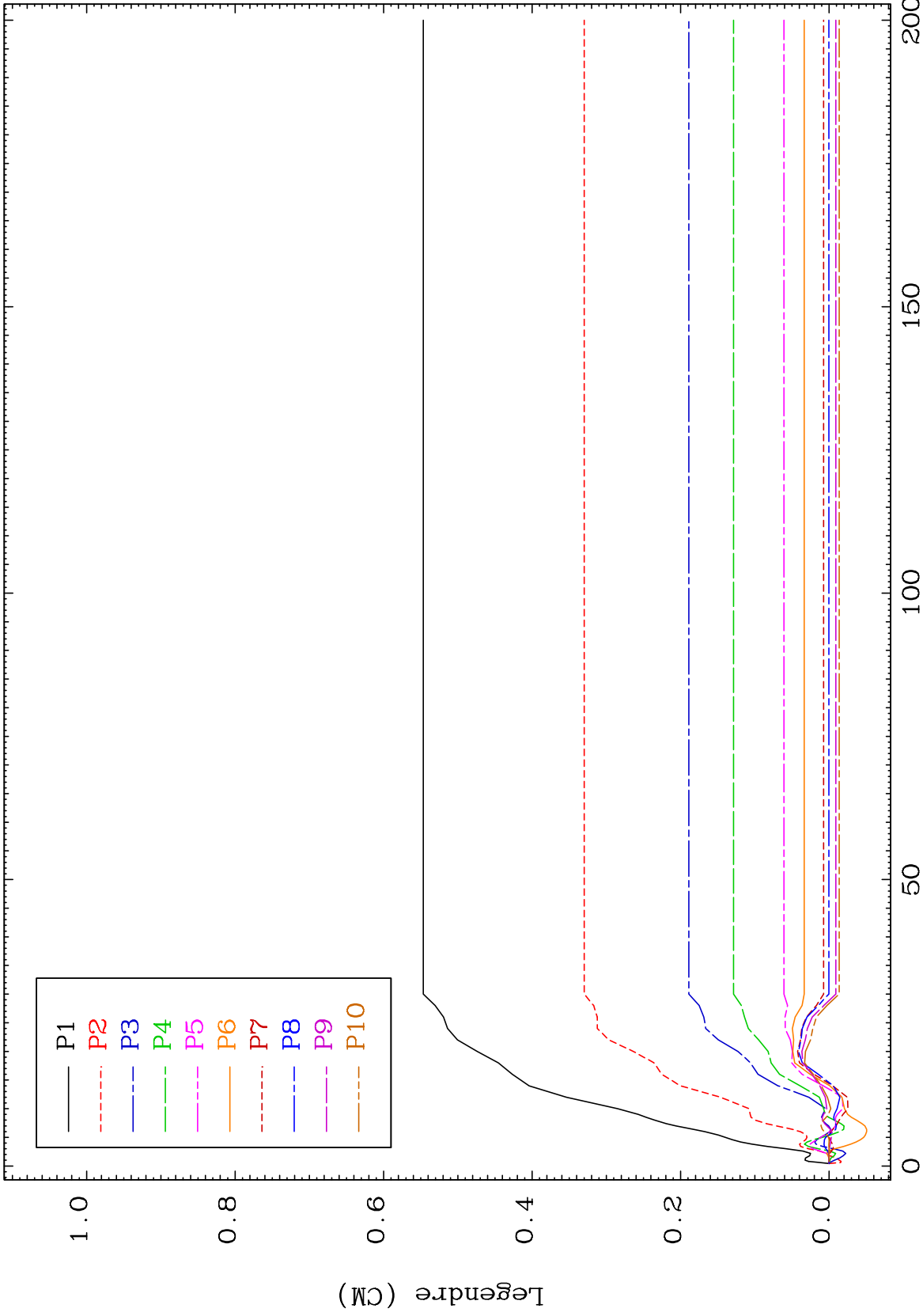
80-Hg-198

Incident Energy (MeV)

MAT 8031

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

80-Hg-198



80-Hg-198

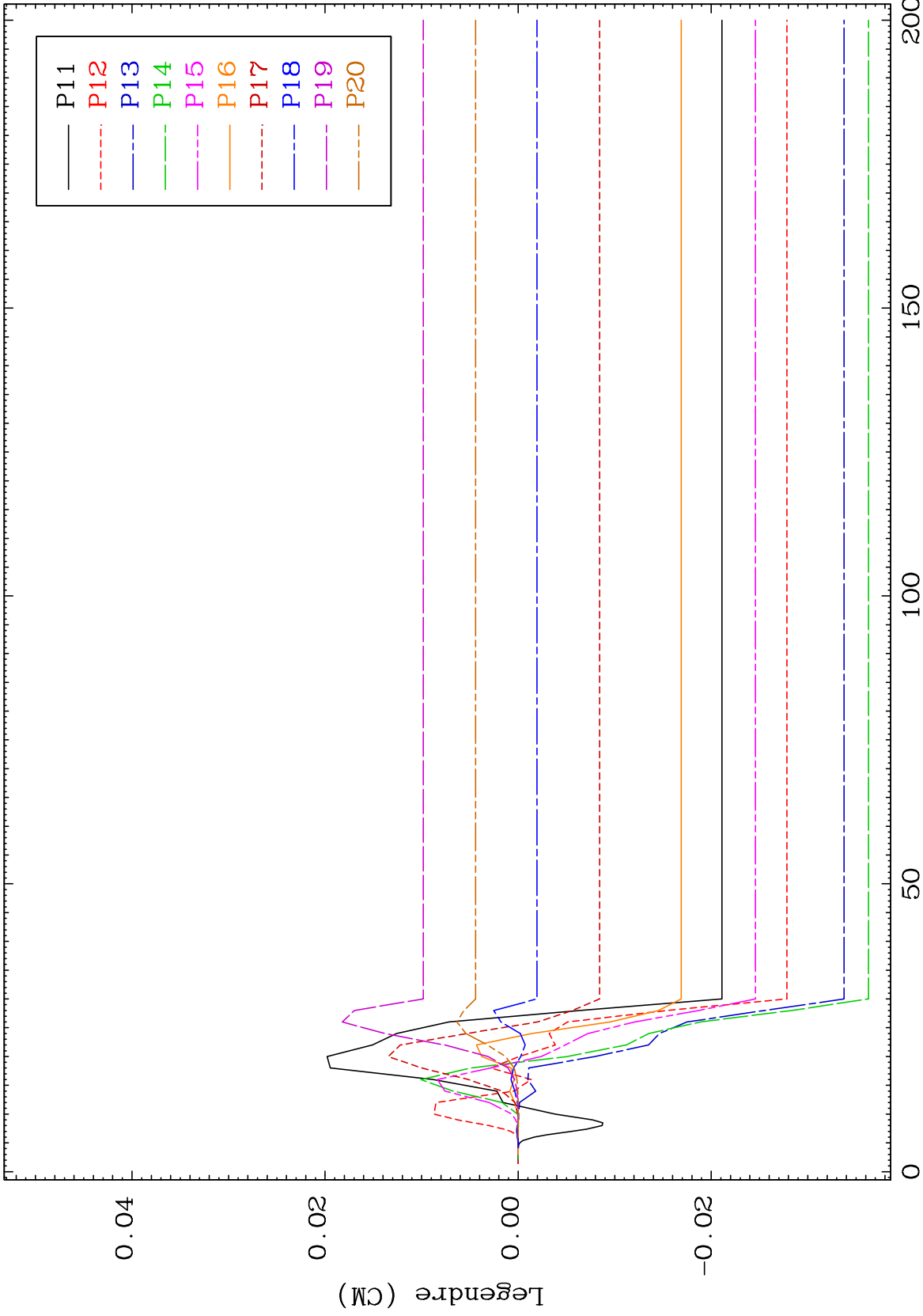
Incident Energy (MeV)

20

MAT 8031

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

80-Hg-198



21

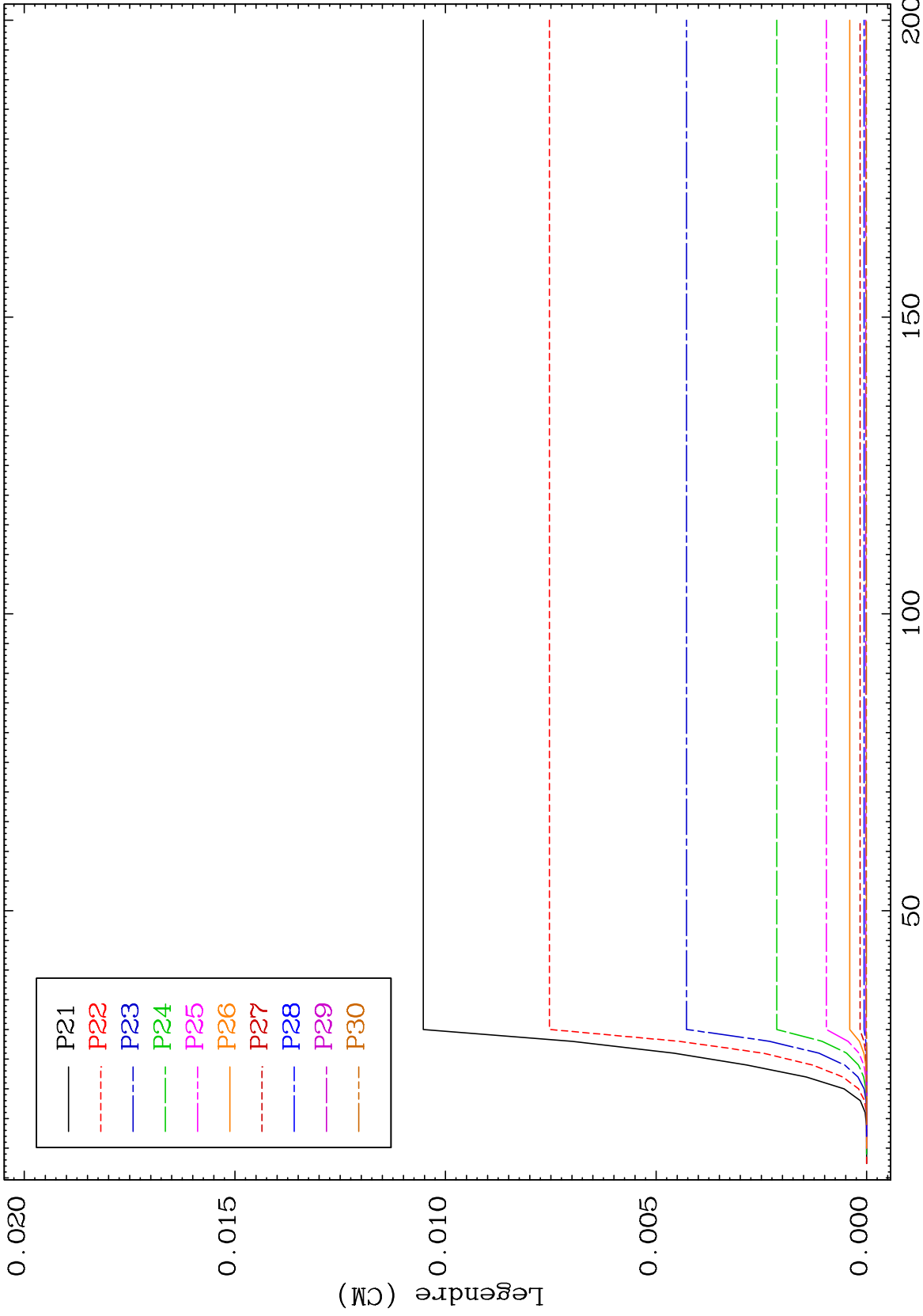
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



22

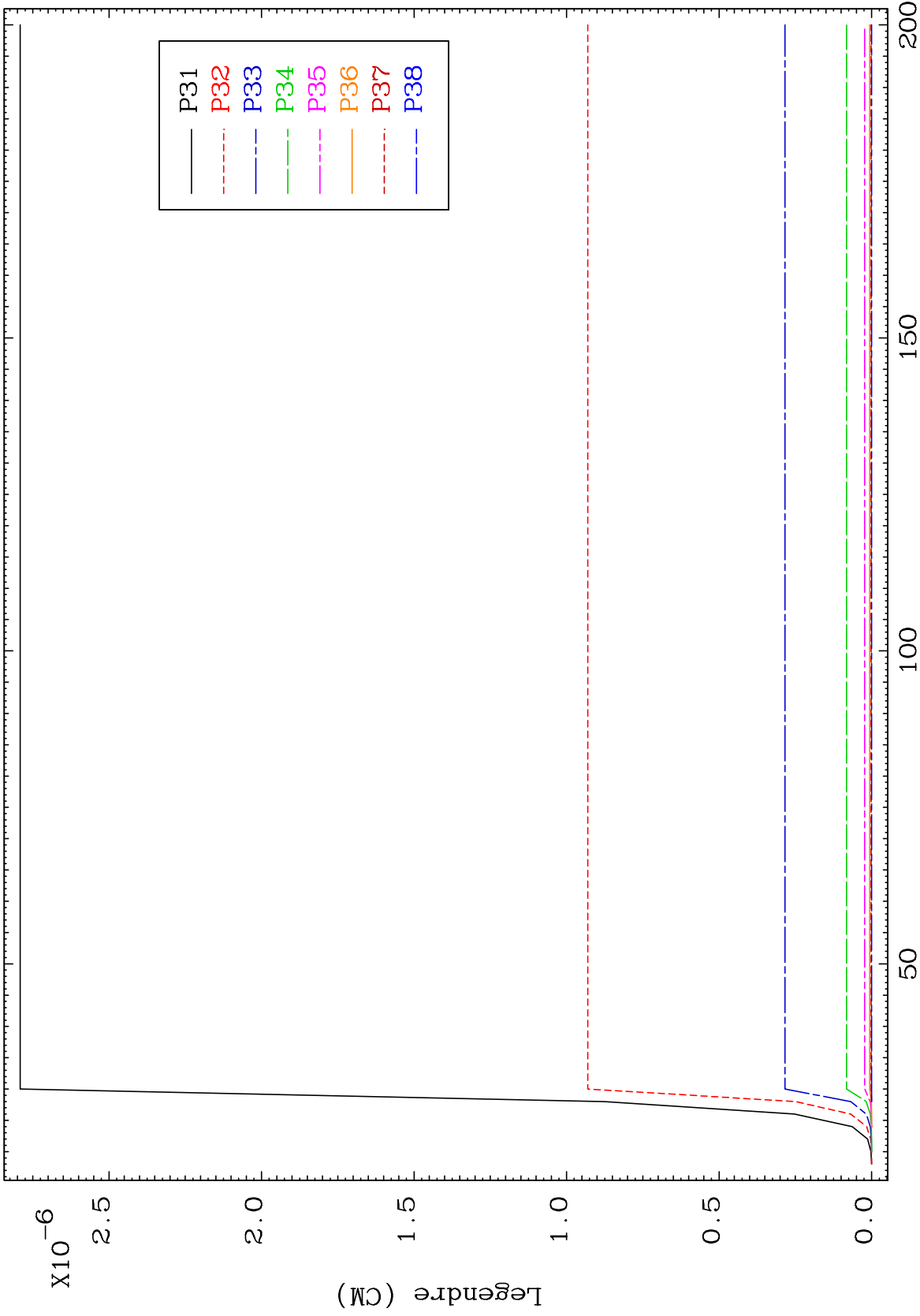
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

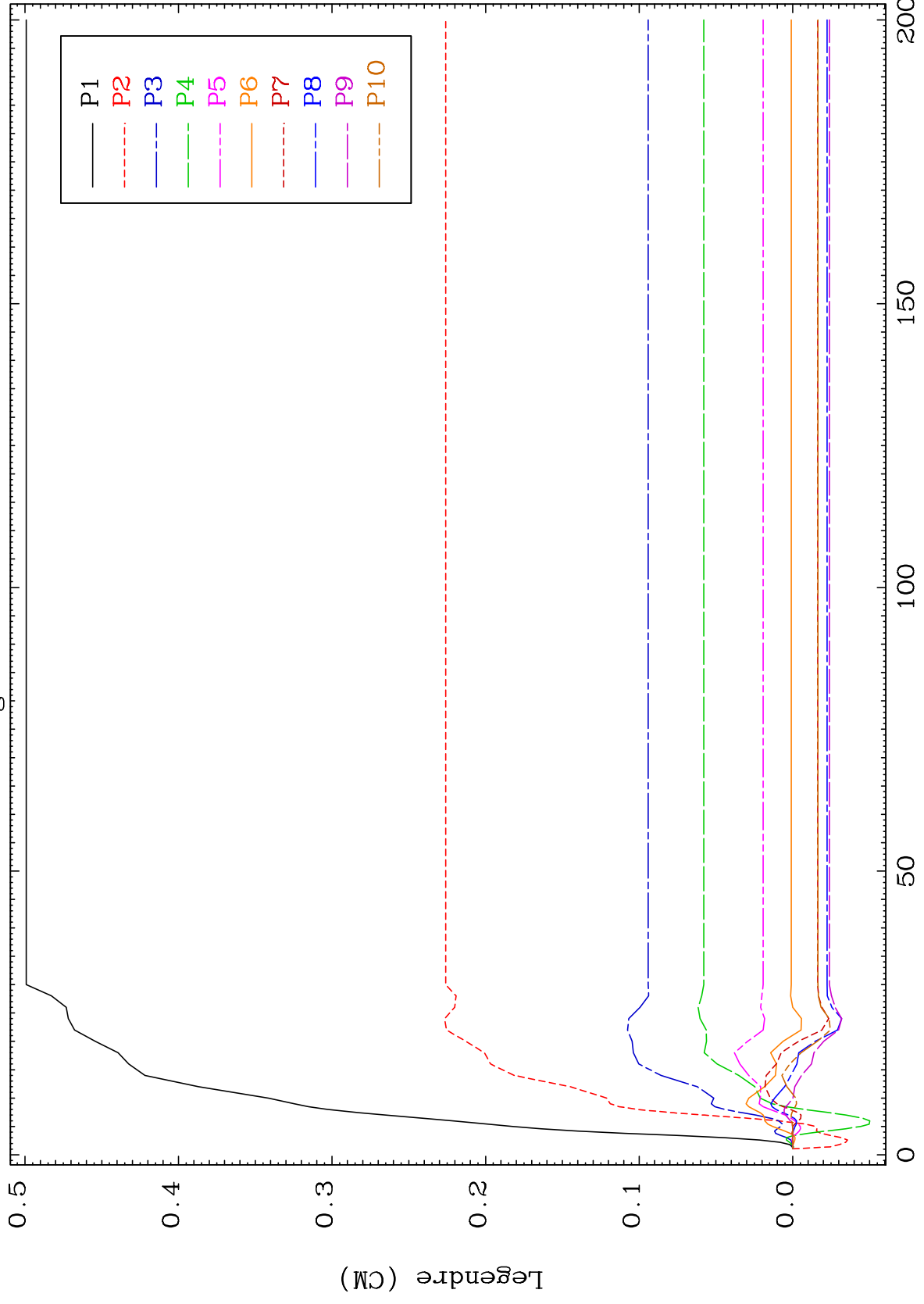
80-Hg-198



23

80-Hg-198

MAT 8031 MT= 52 (n,n') Level Legendre Coefficients 80-Hg-198

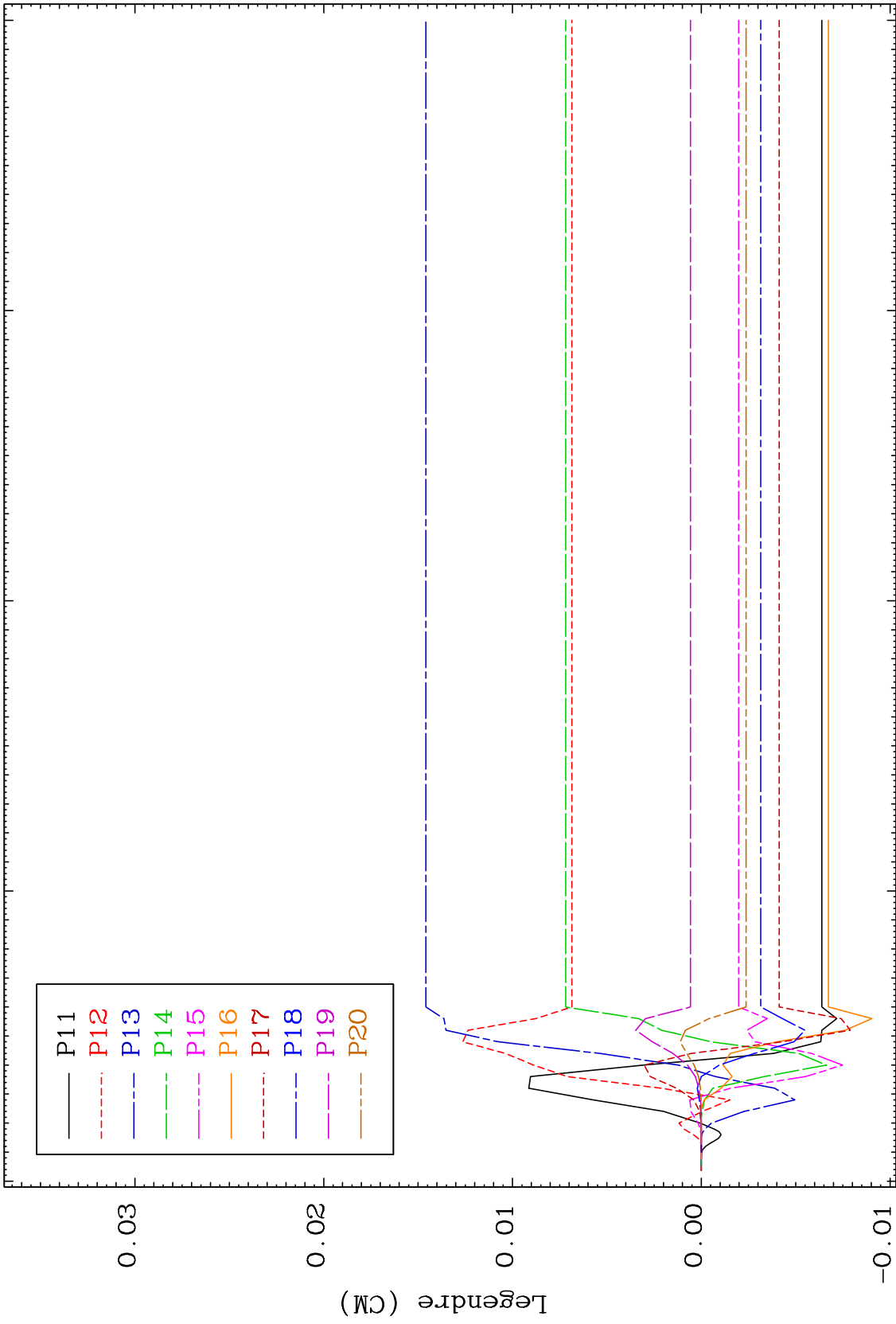


24 80-Hg-198

MAT 8031

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

80-Hg-198



25

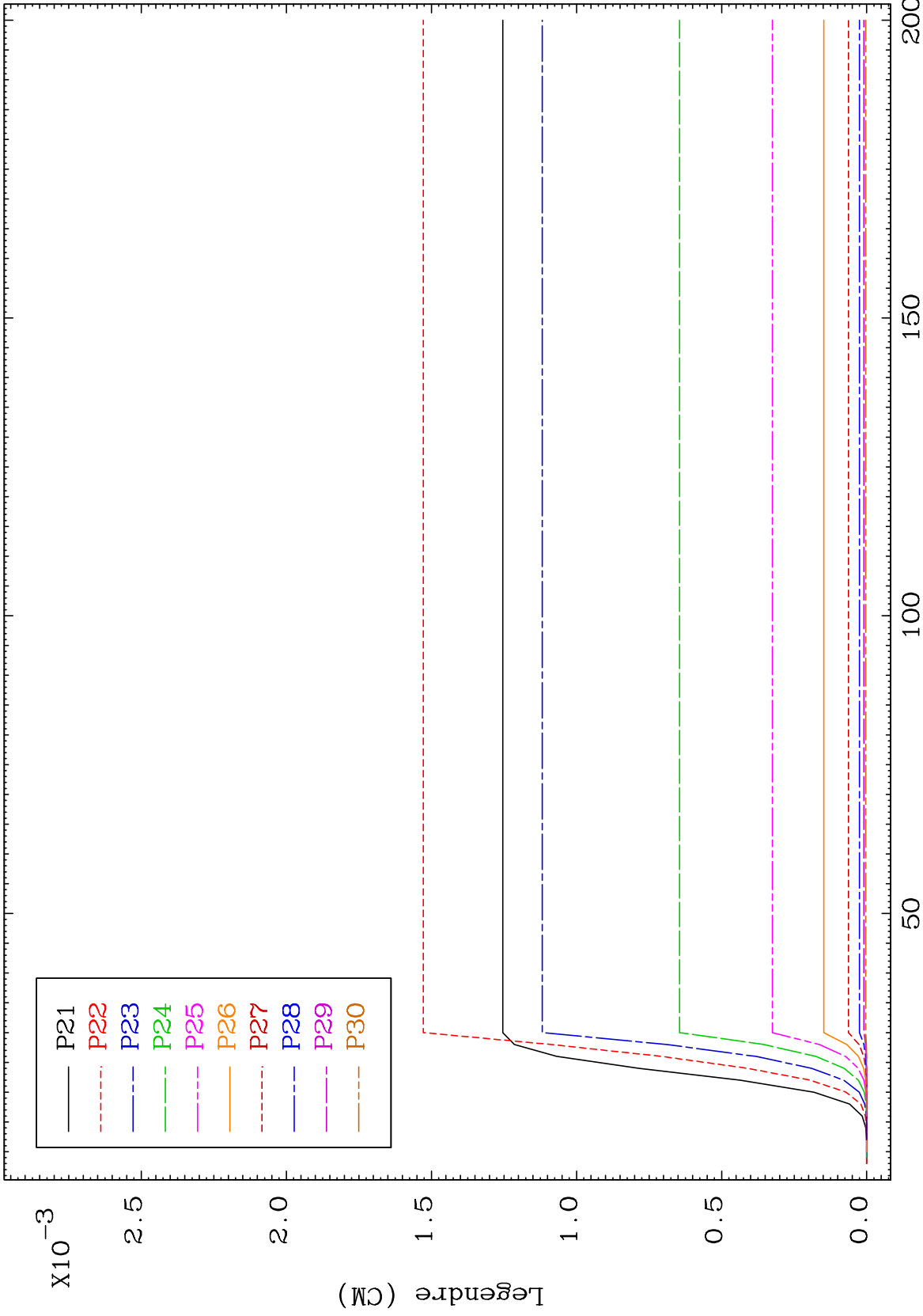
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



26

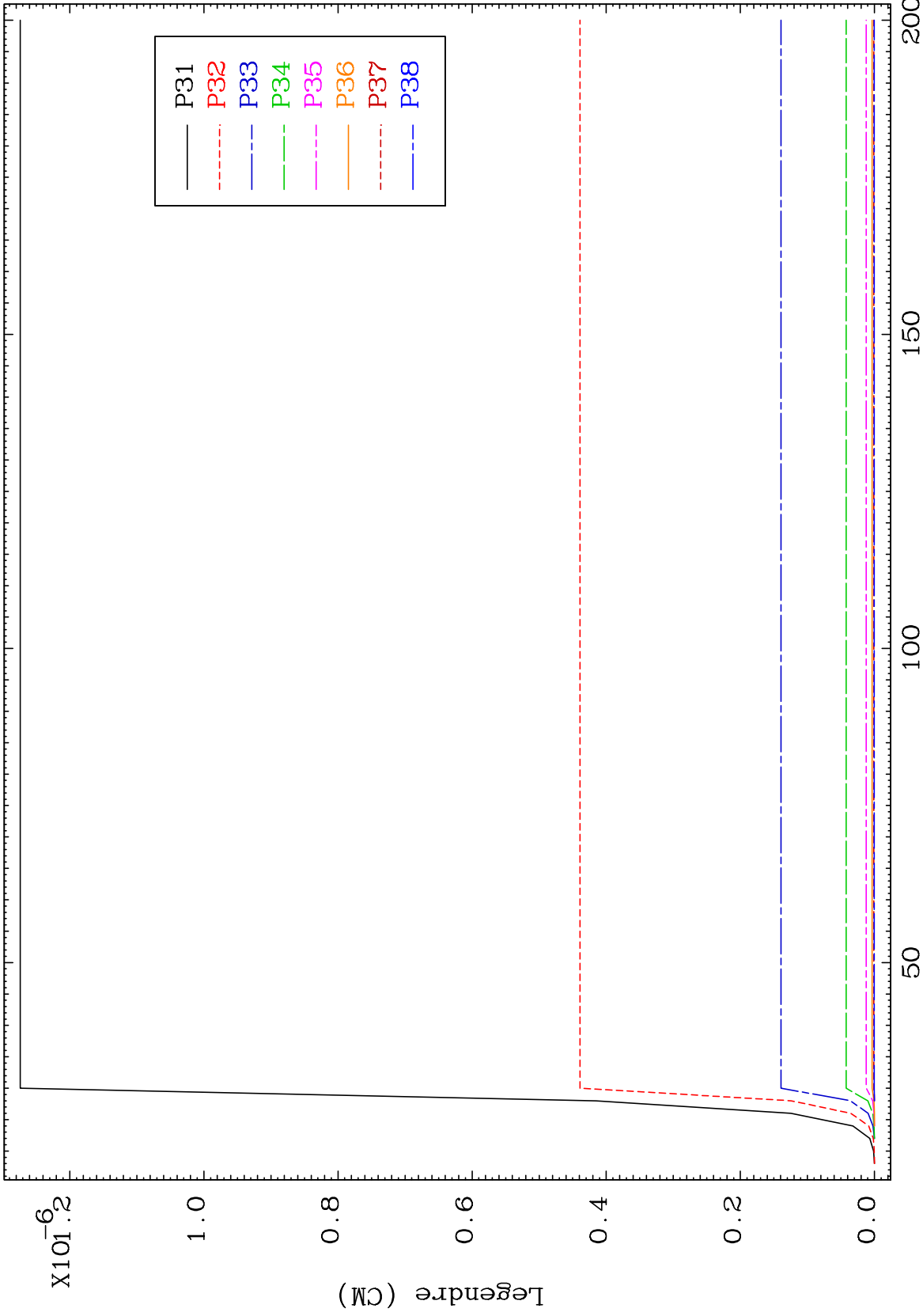
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



27

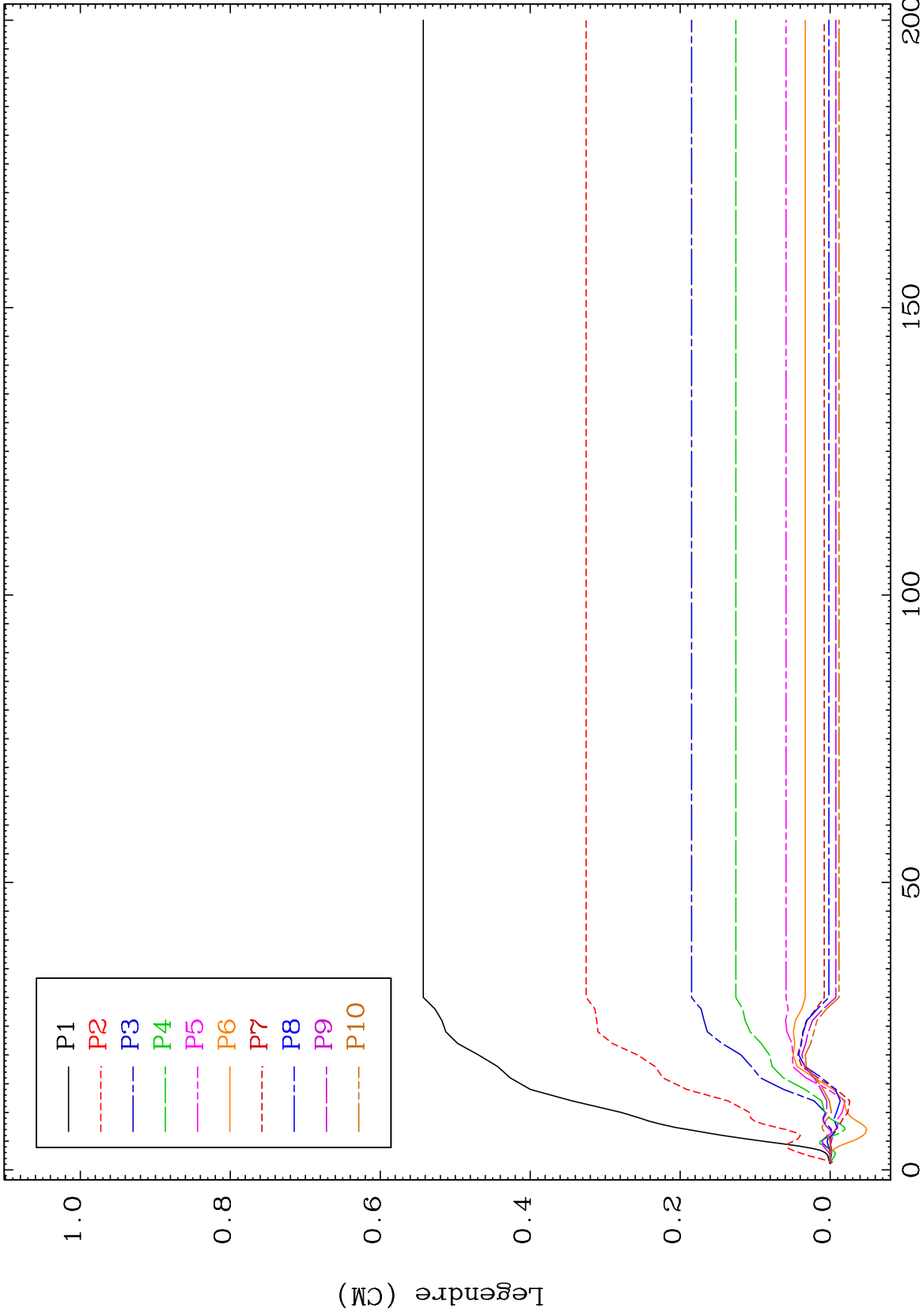
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



28

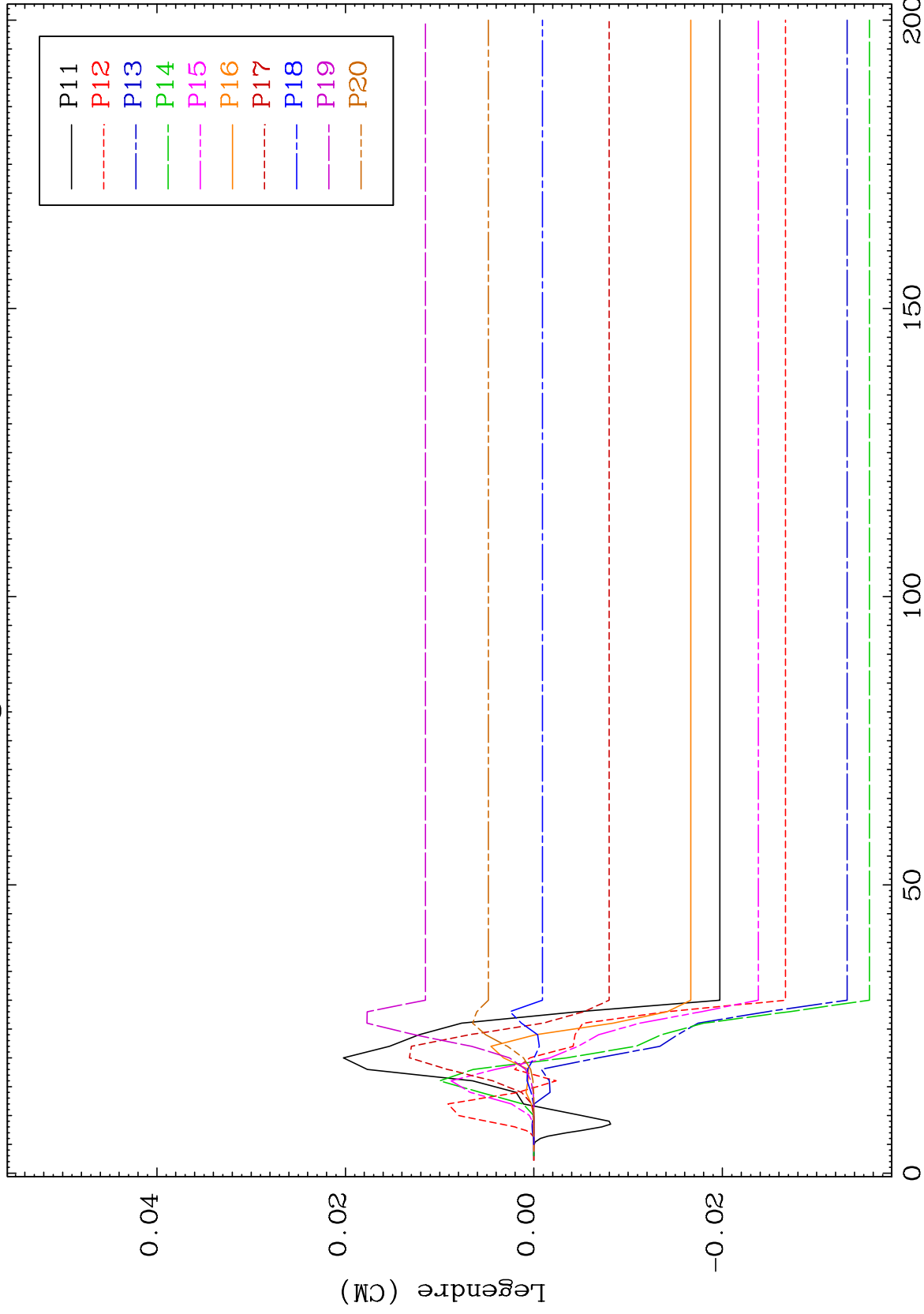
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



29

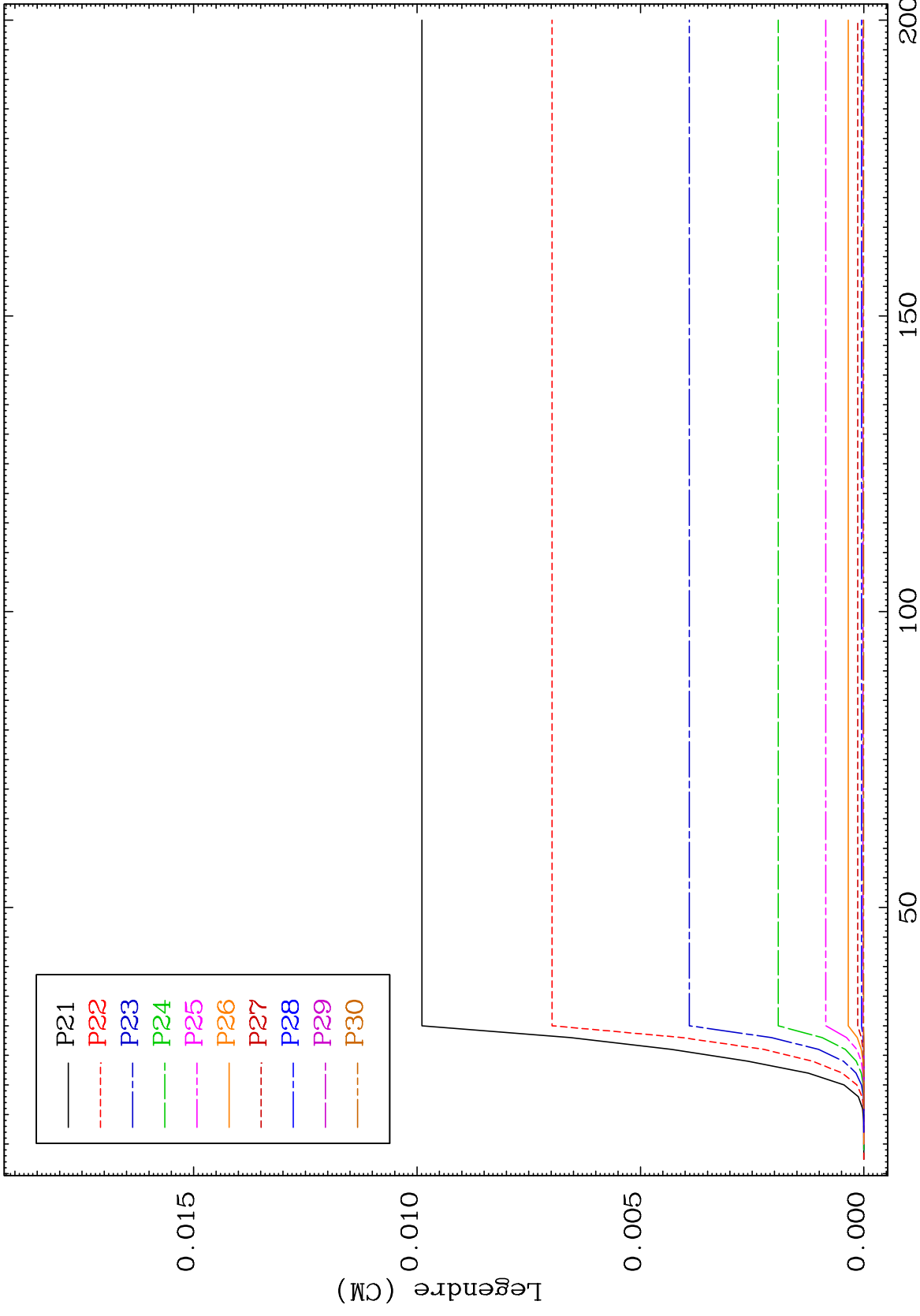
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



30

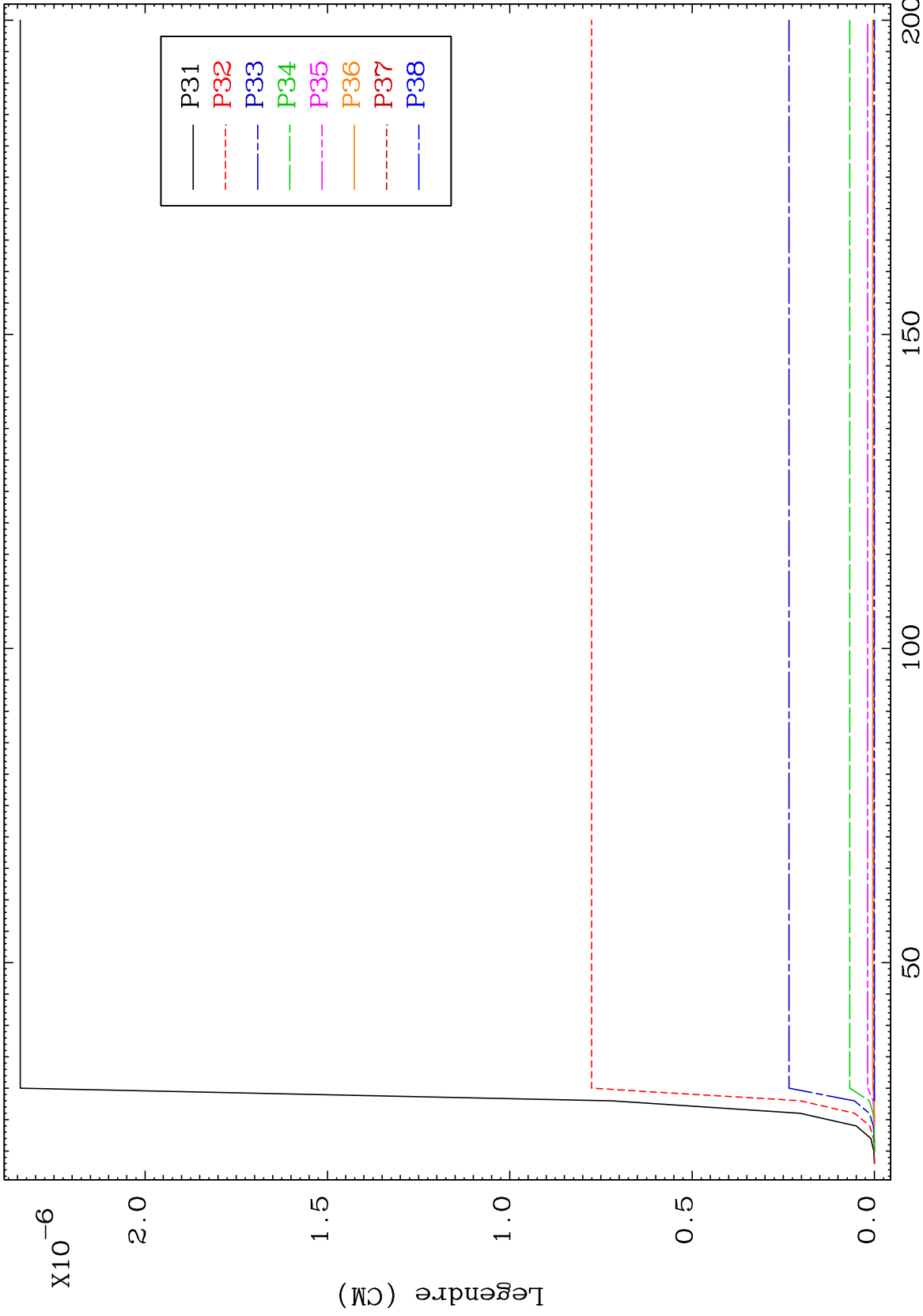
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

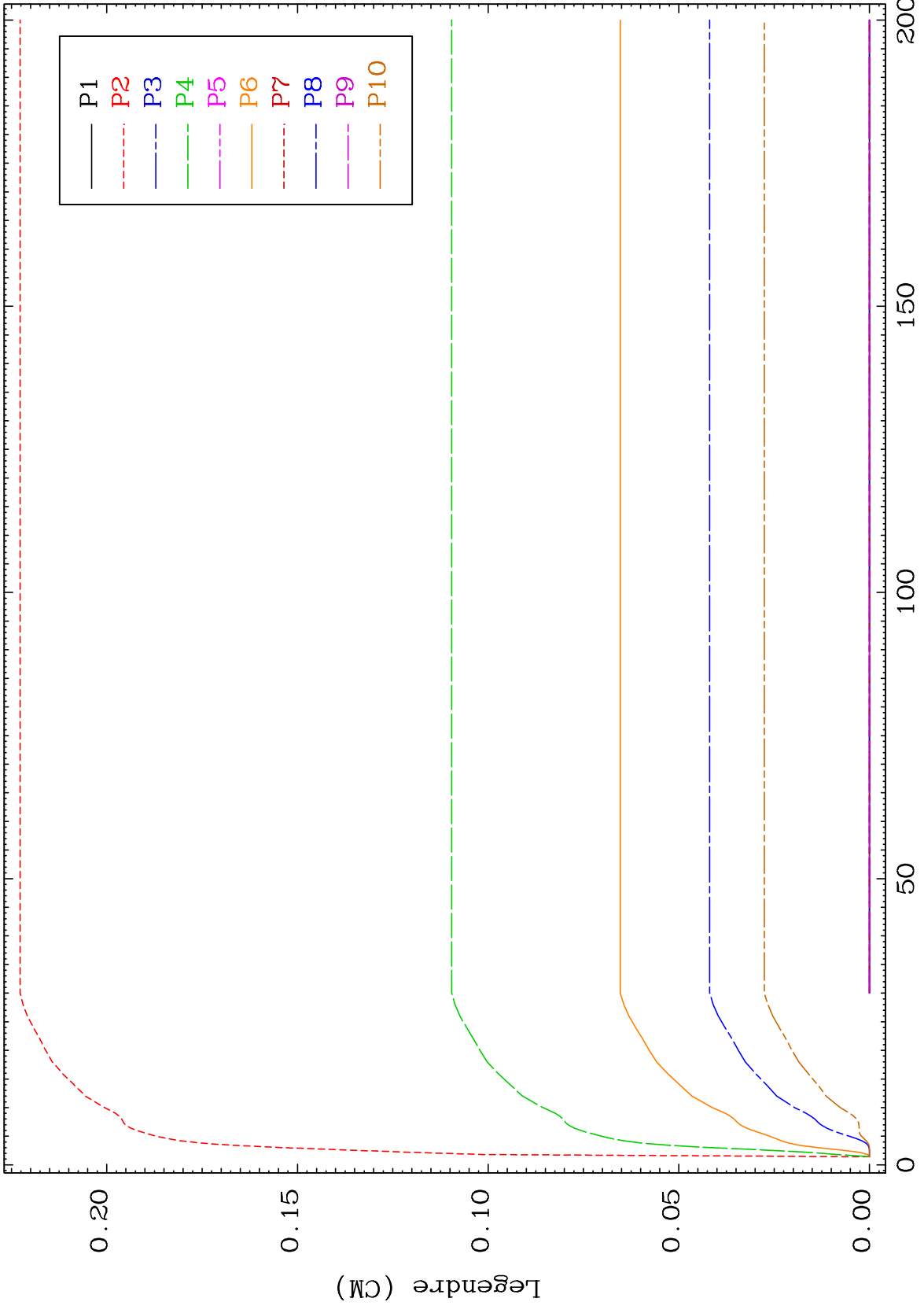
80-Hg-198



31

80-Hg-198

MAT 8031 MT= 54 (n,n') Level Legendre Coefficients 80-Hg-198

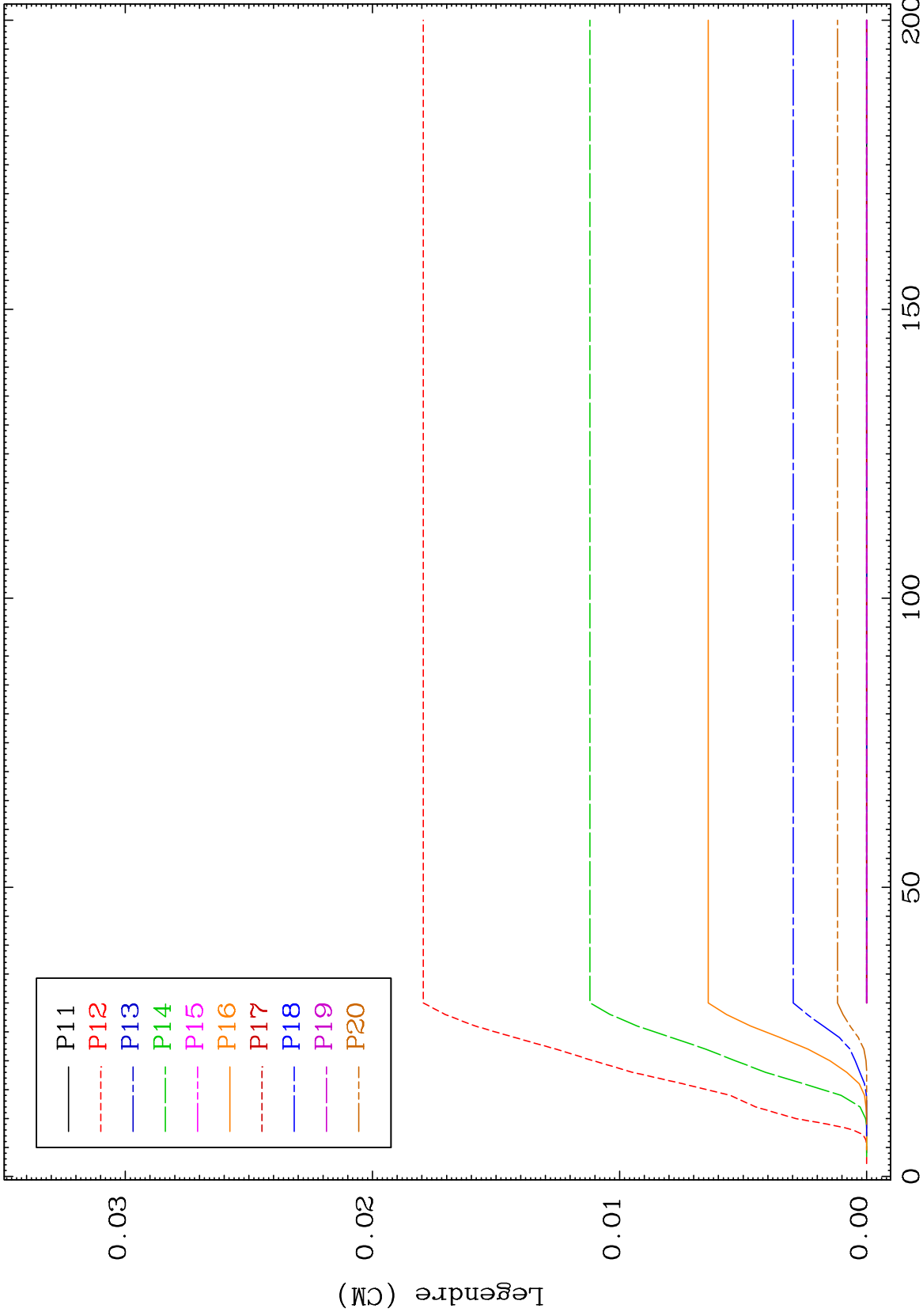


32 80-Hg-198

MAT 8031

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

80-Hg-198



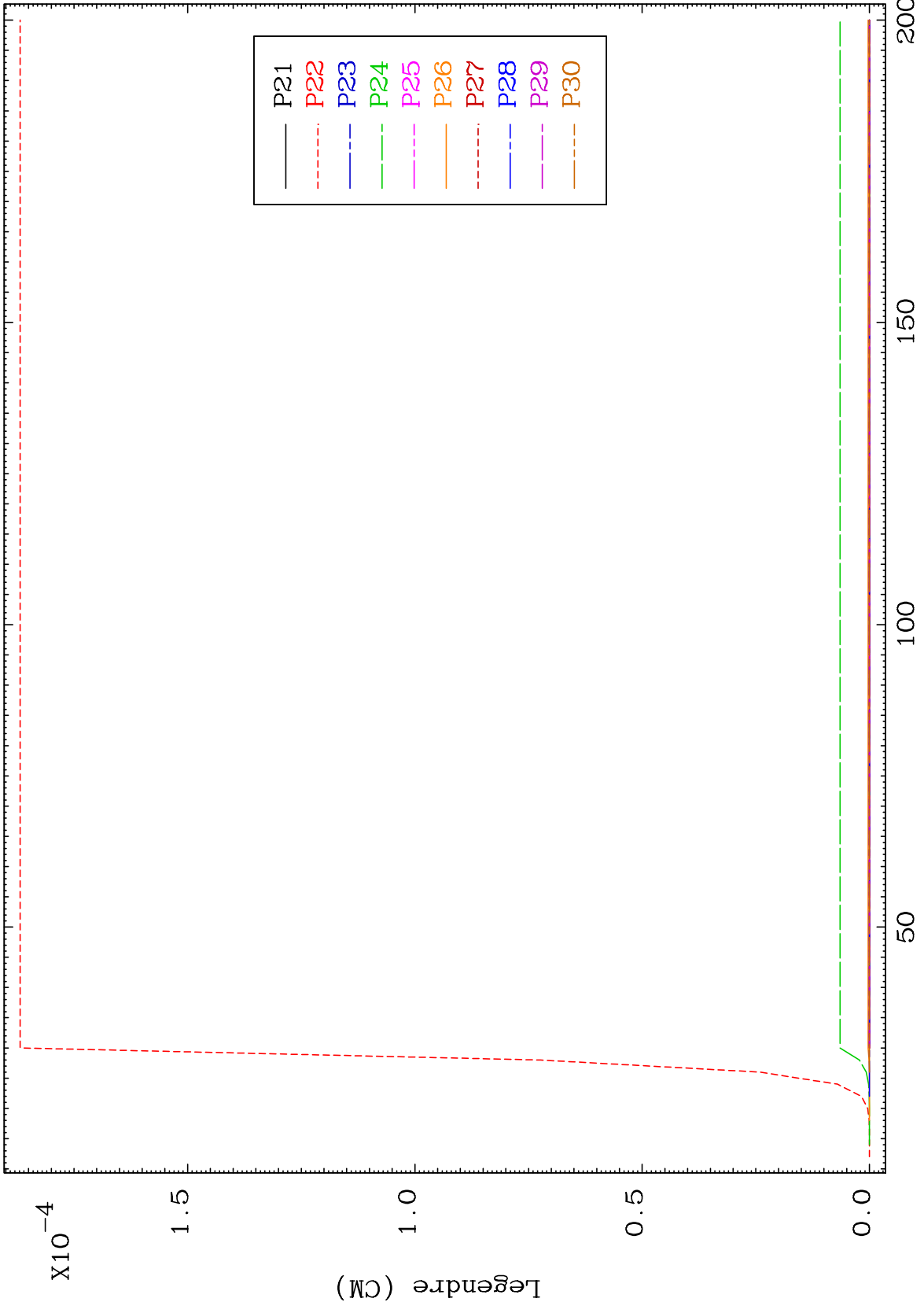
33

80-Hg-198

MAT 8031

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

80-Hg-198



80-Hg-198

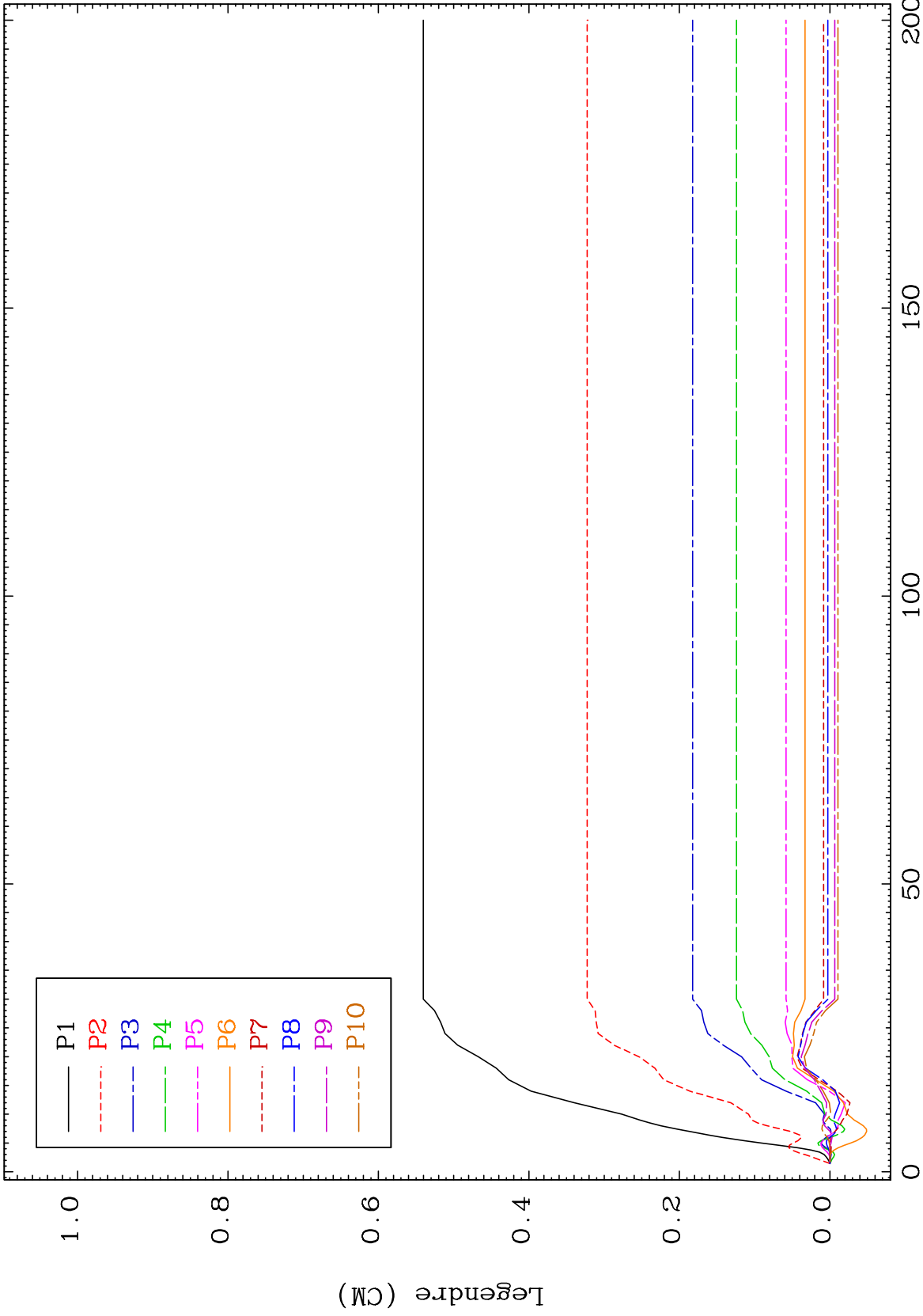
Incident Energy (MeV)

34

MAT 8031

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

80-Hg-198



80-Hg-198

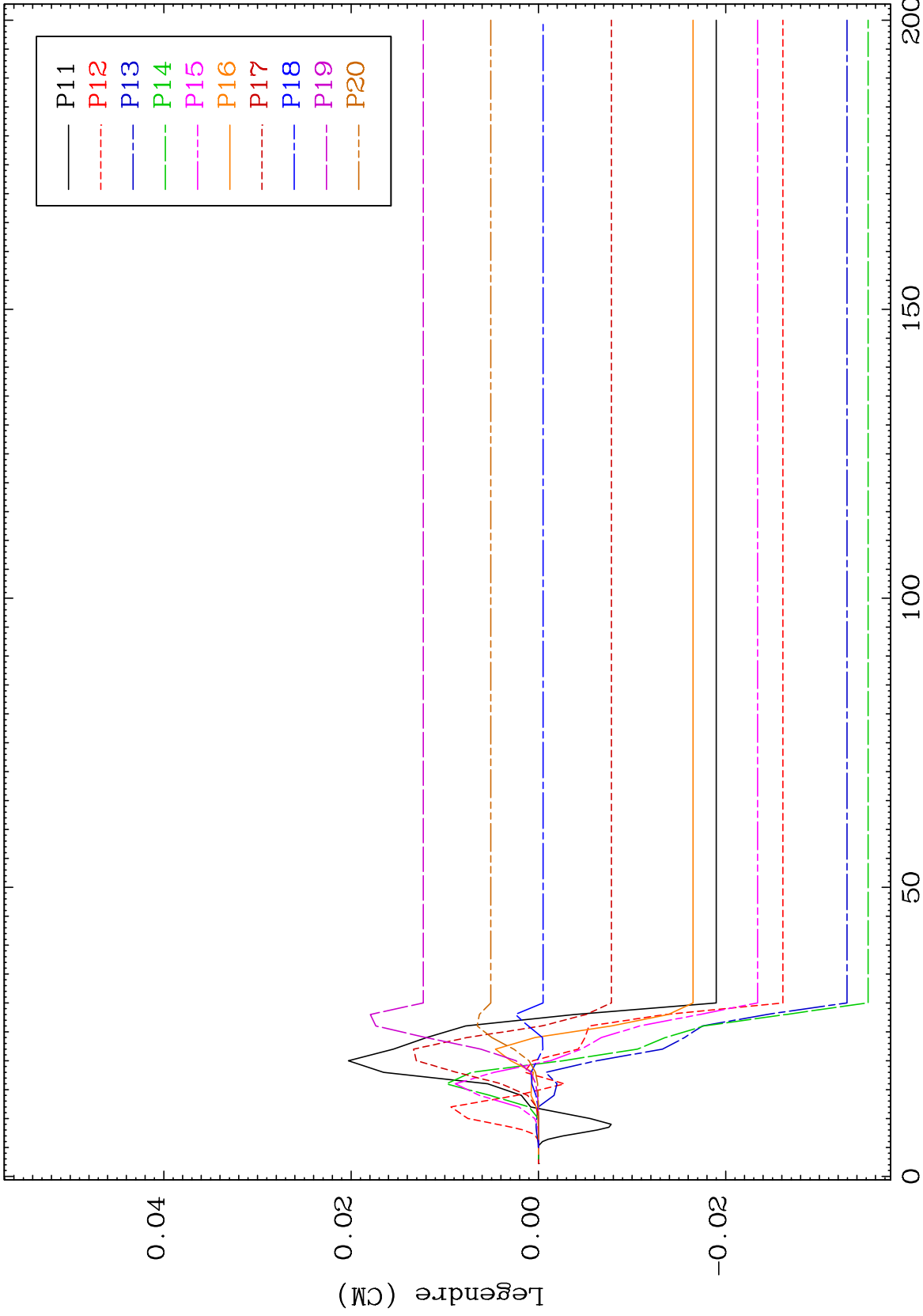
Incident Energy (MeV)

35

MAT 8031

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

80-Hg-198



36

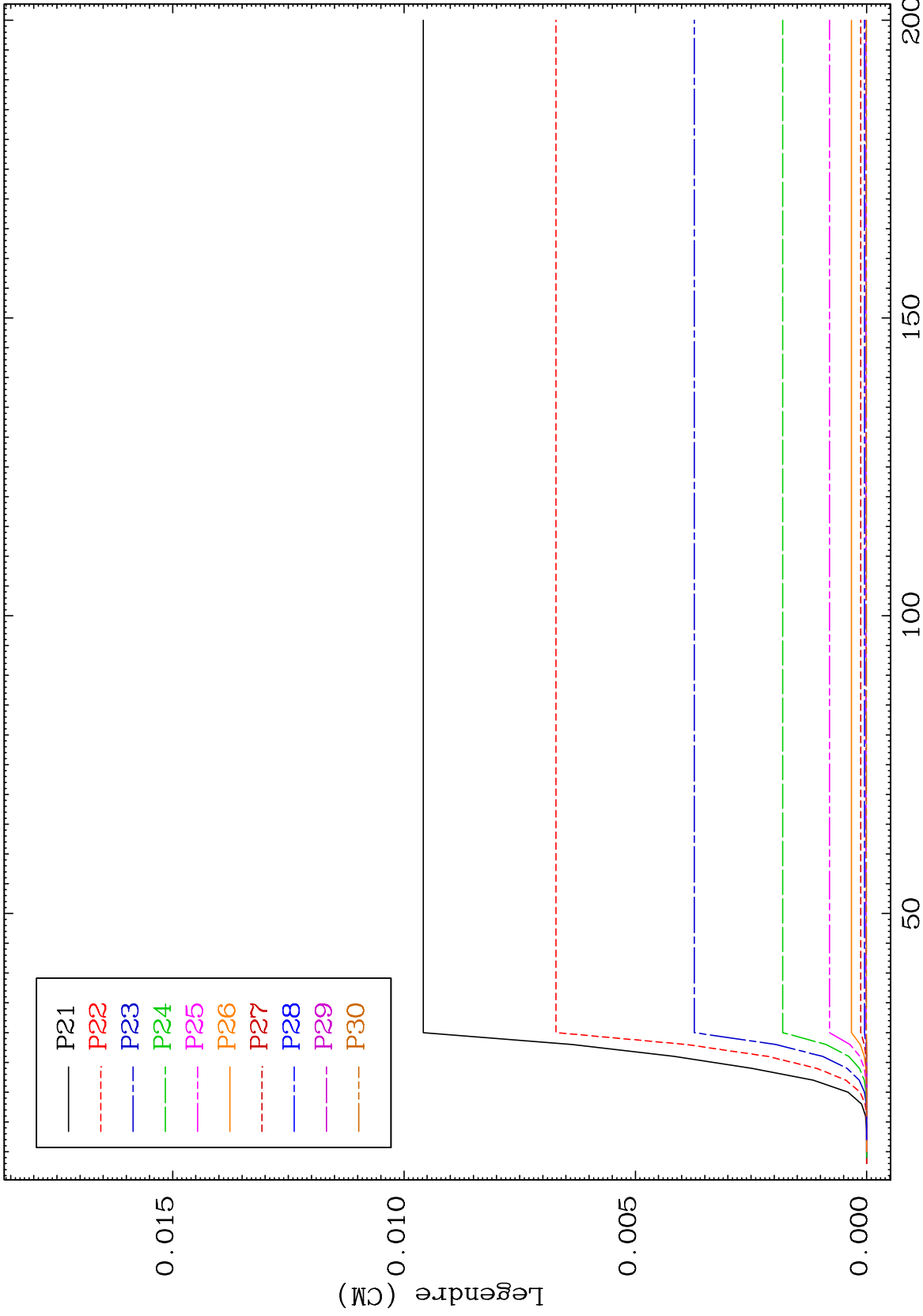
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



37

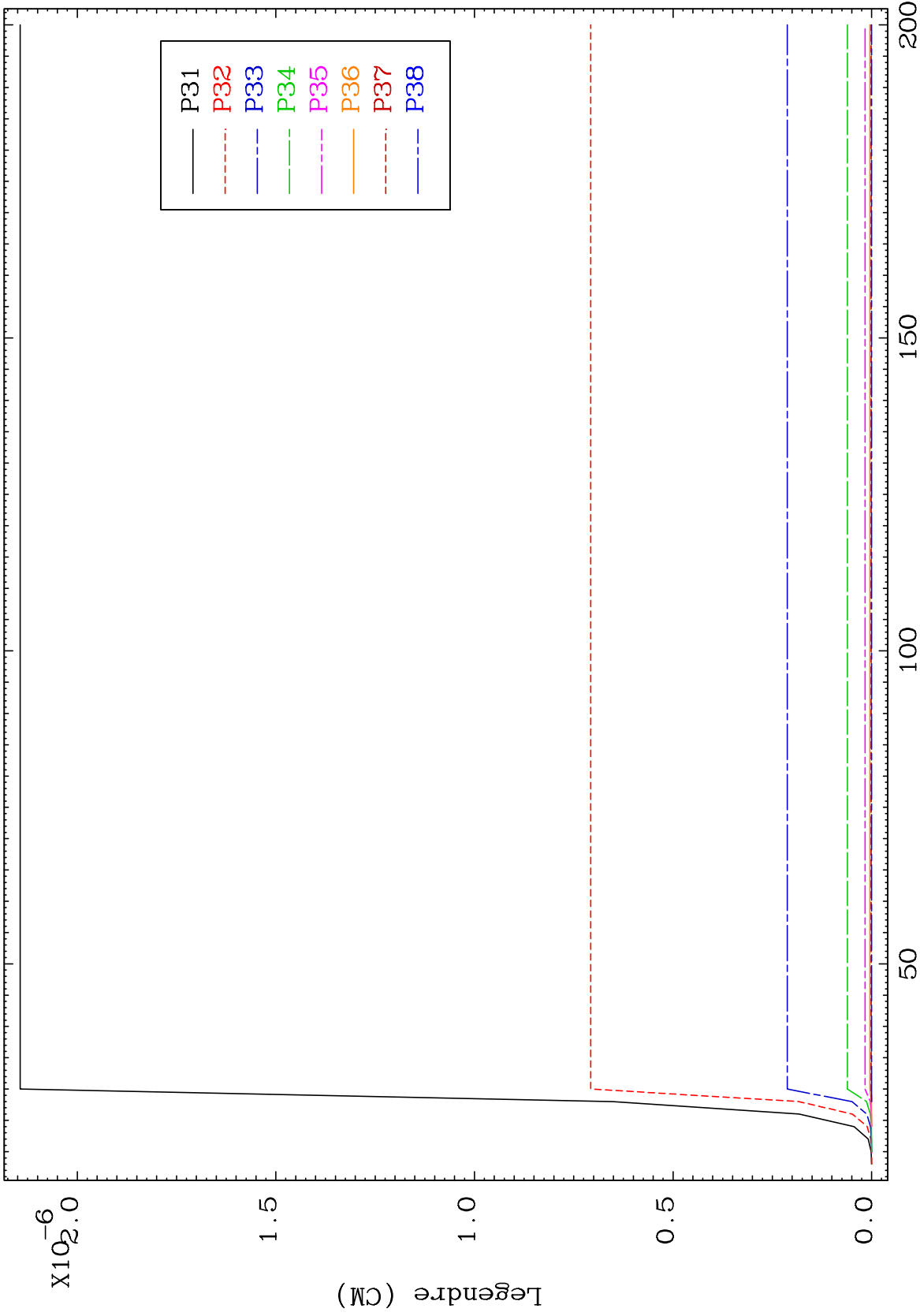
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

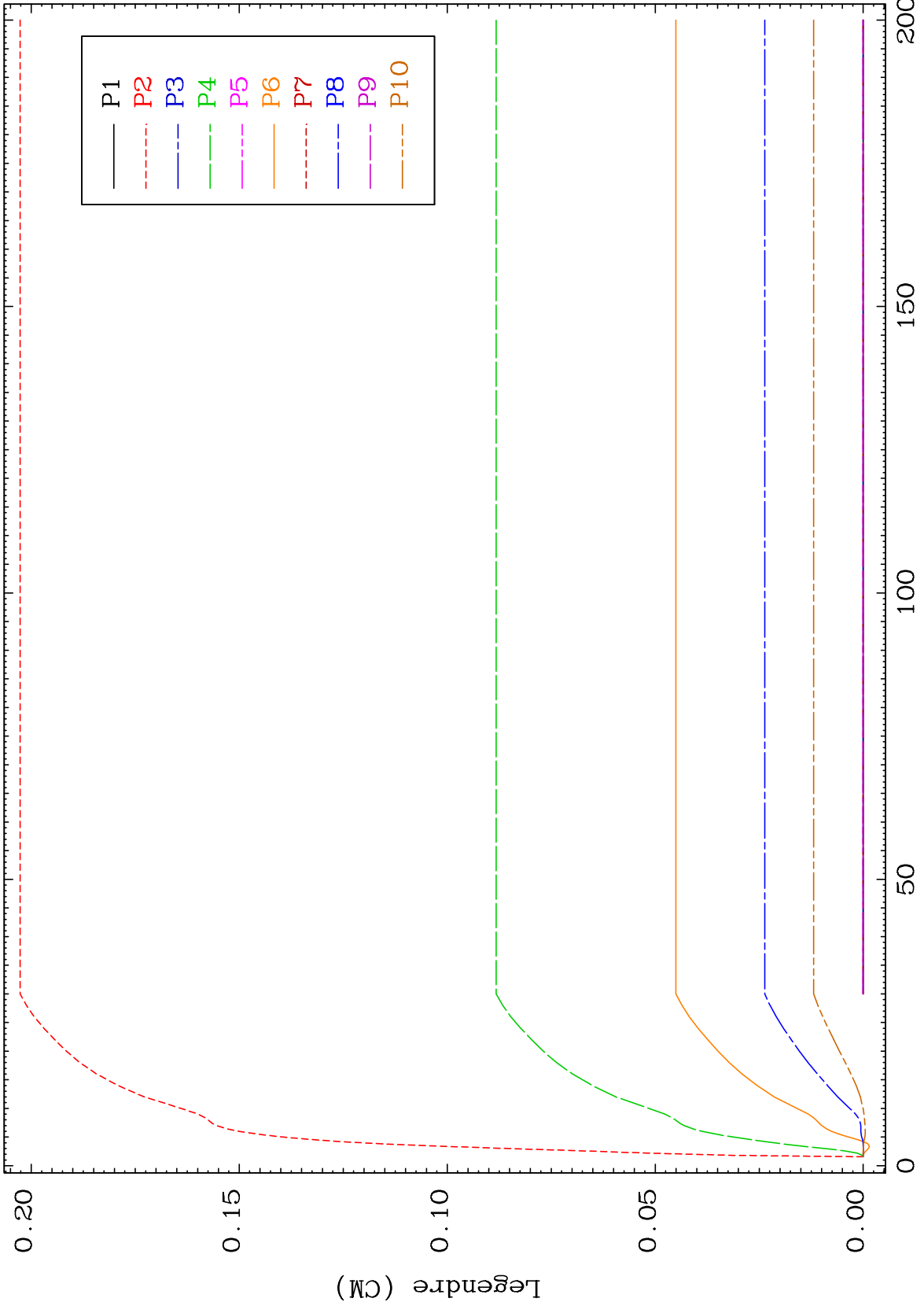


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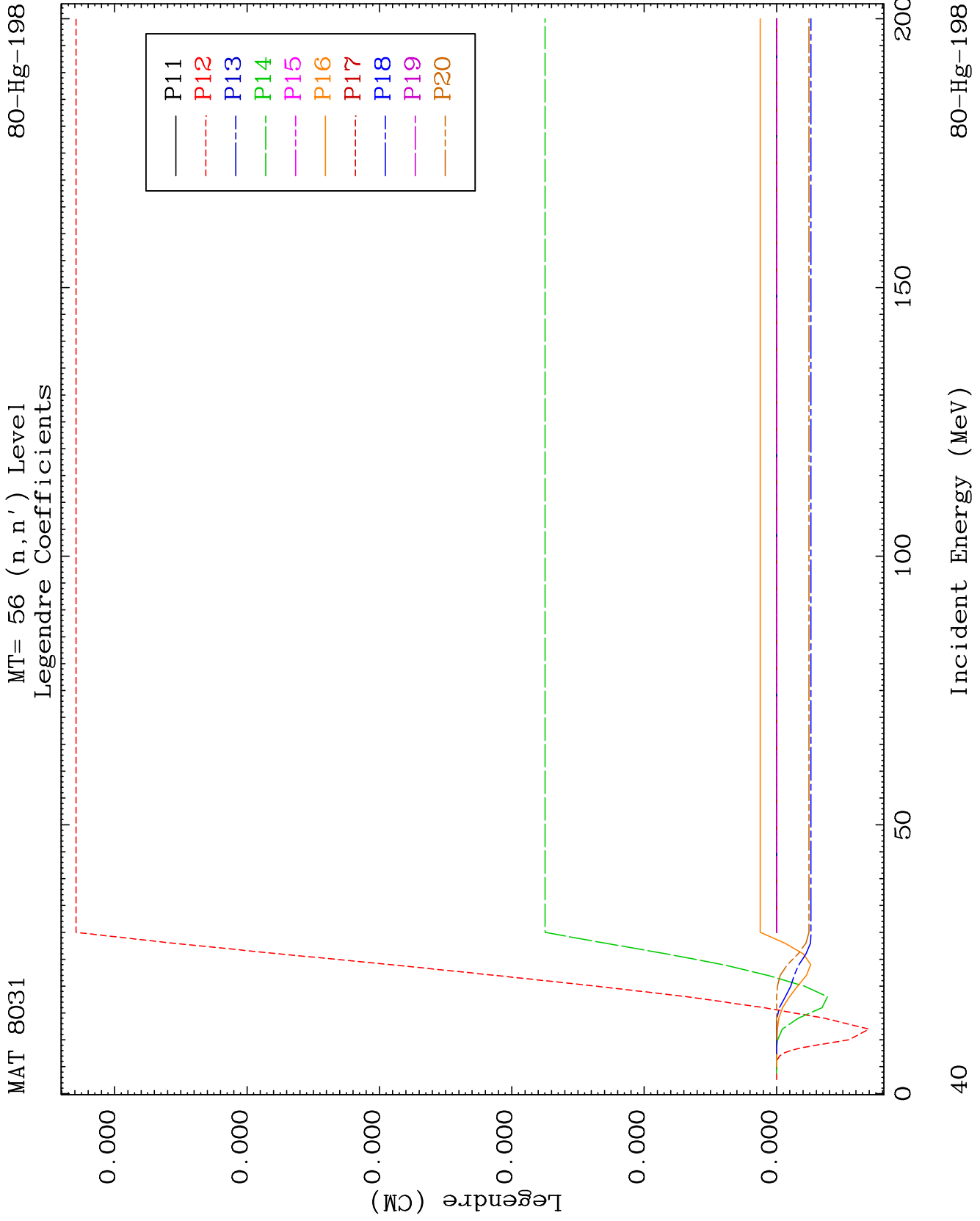
Incident Energy (MeV)

80-Hg-198

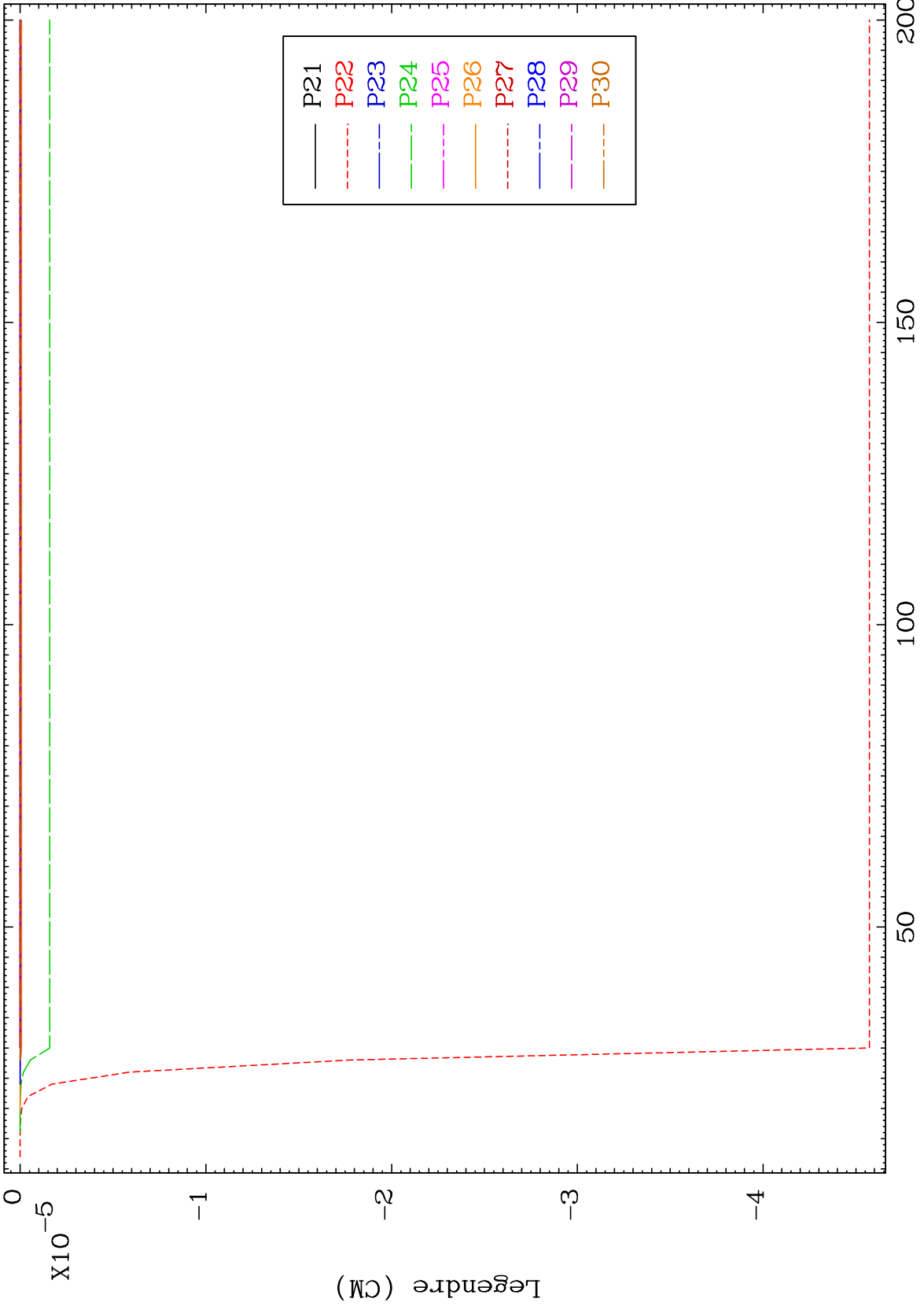
MAT 8031 MT= 56 (n,n') Level Legendre Coefficients 80-Hg-198



39 80-Hg-198

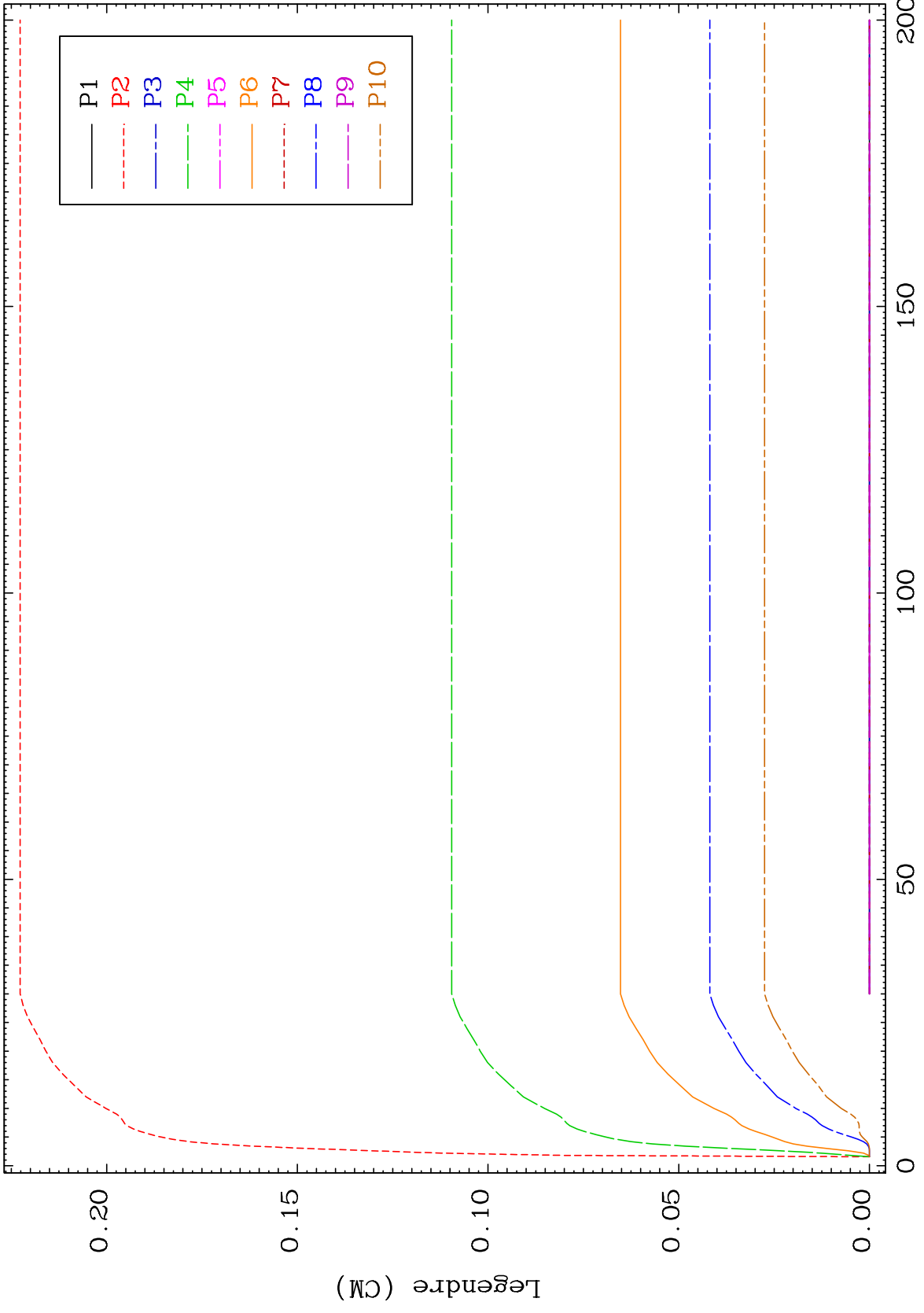


MAT 8031 MT= 56 (n,n') Level Legendre Coefficients 80-Hg-198



41 80-Hg-198

MAT 8031 MT= 57 (n,n') Level Legendre Coefficients 80-Hg-198

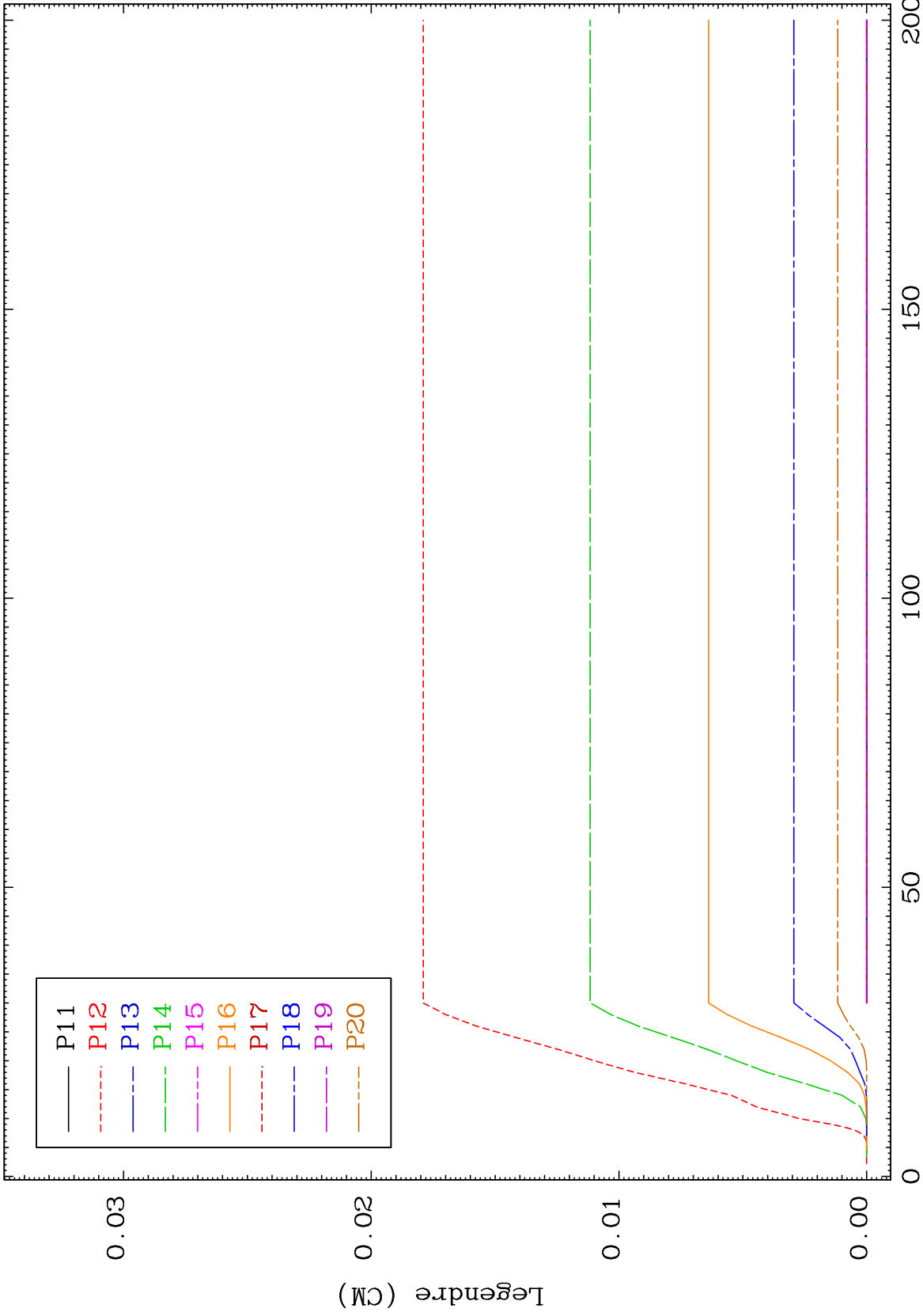


42 80-Hg-198

MAT 8031

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

80-Hg-198

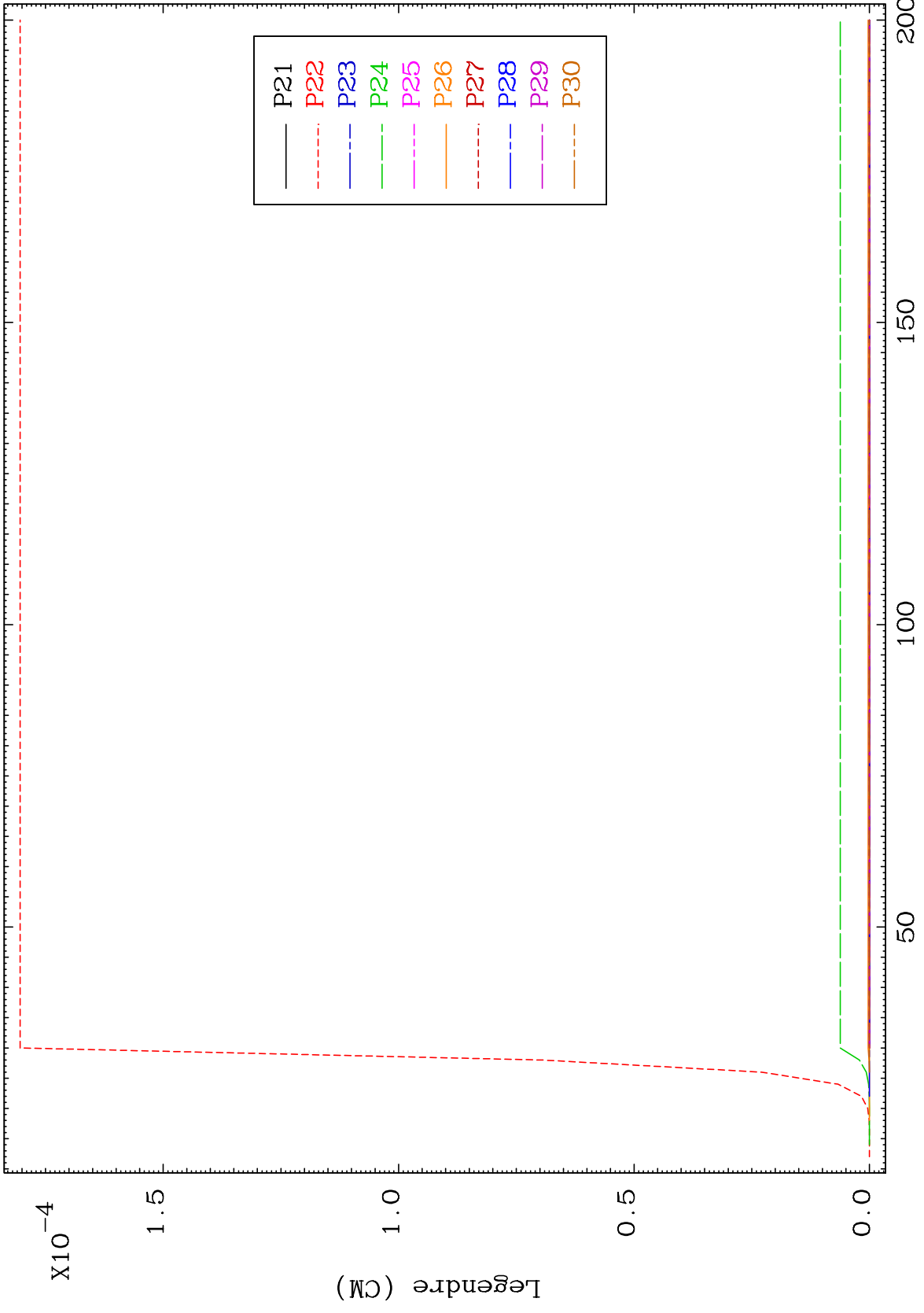


43

Incident Energy (MeV)

80-Hg-198

MAT 8031 MT= 57 (n,n') Level Legendre Coefficients 80-Hg-198

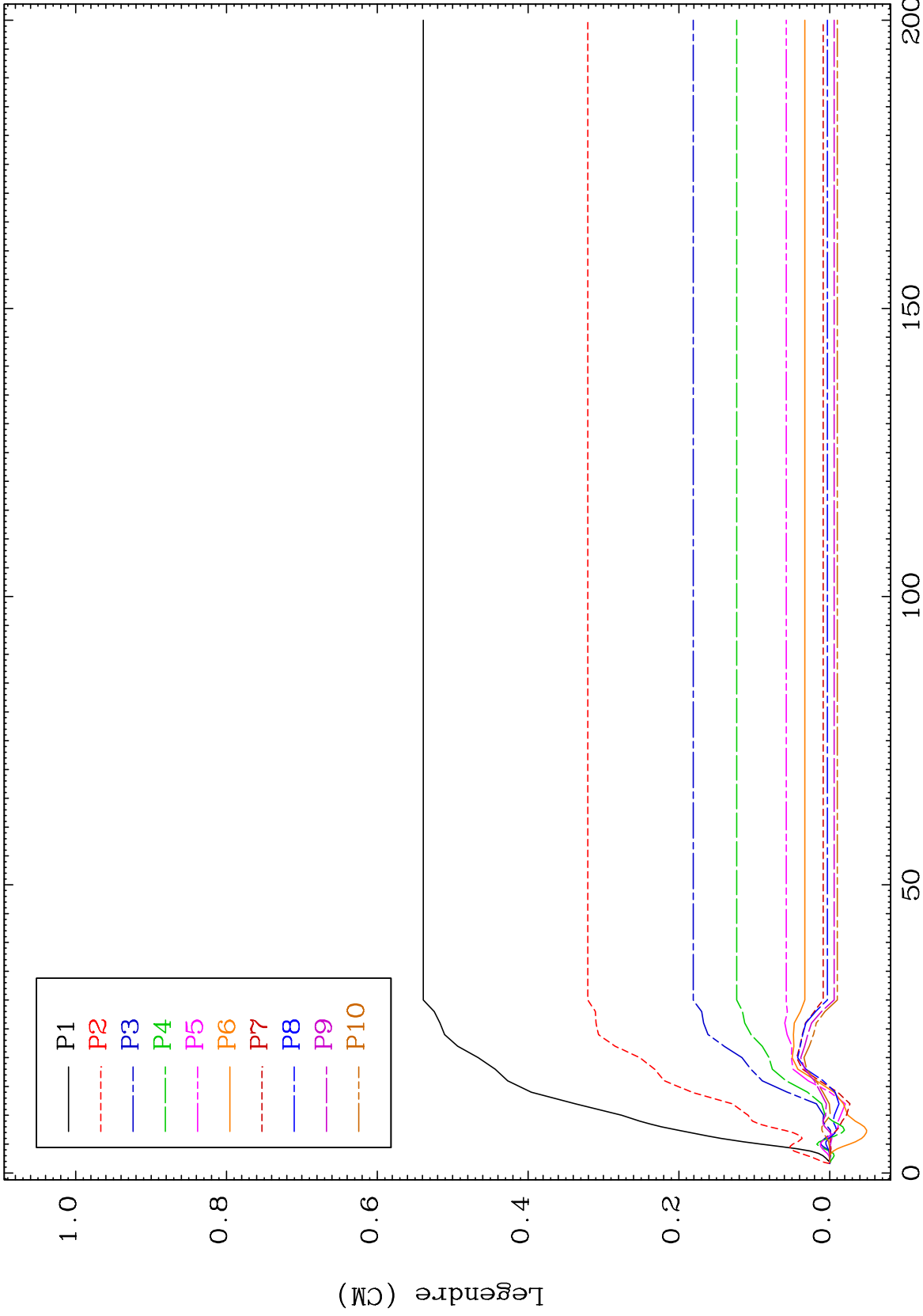


44 Incident Energy (MeV) 80-Hg-198

MAT 8031

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

80-Hg-198



45

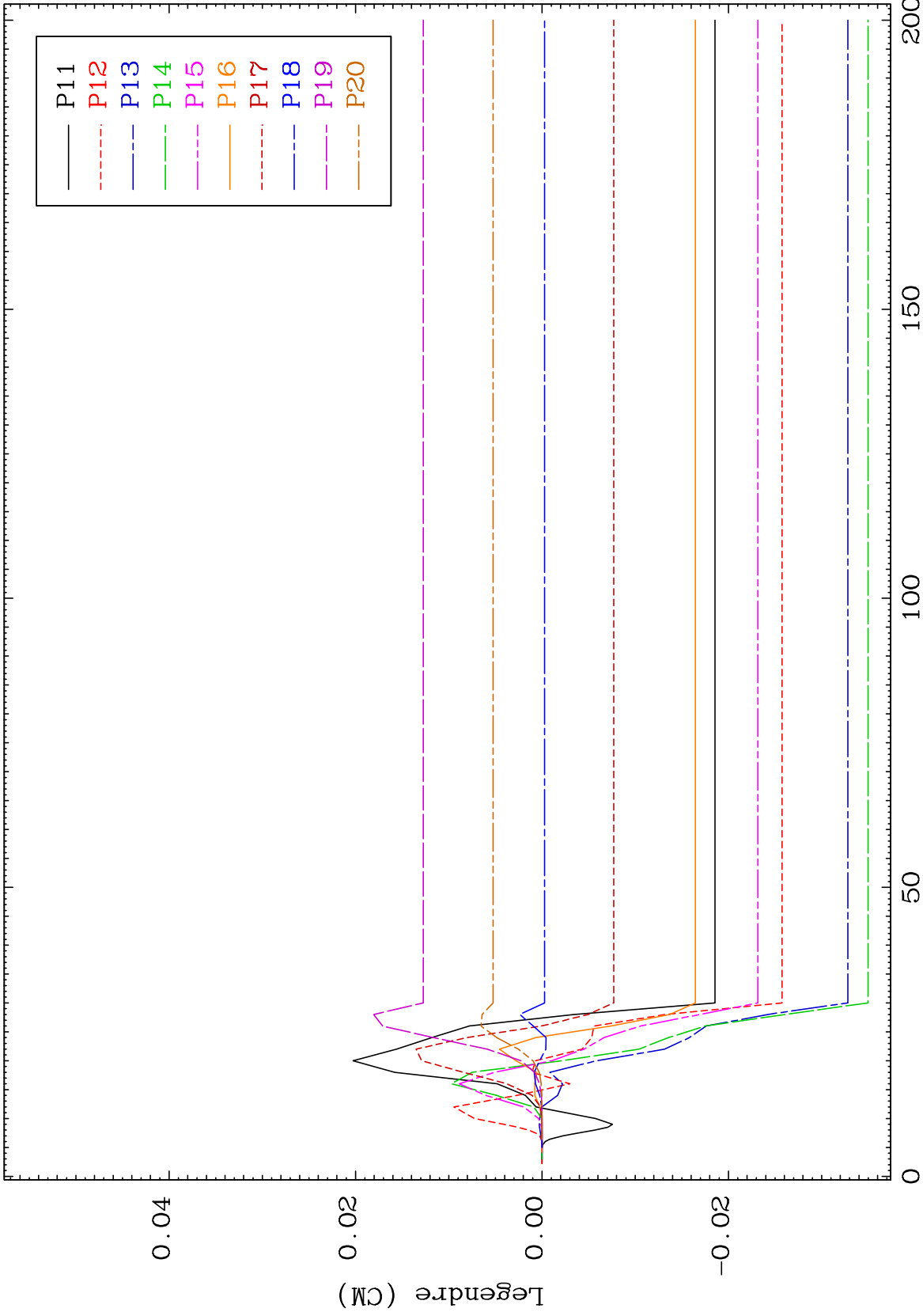
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



46

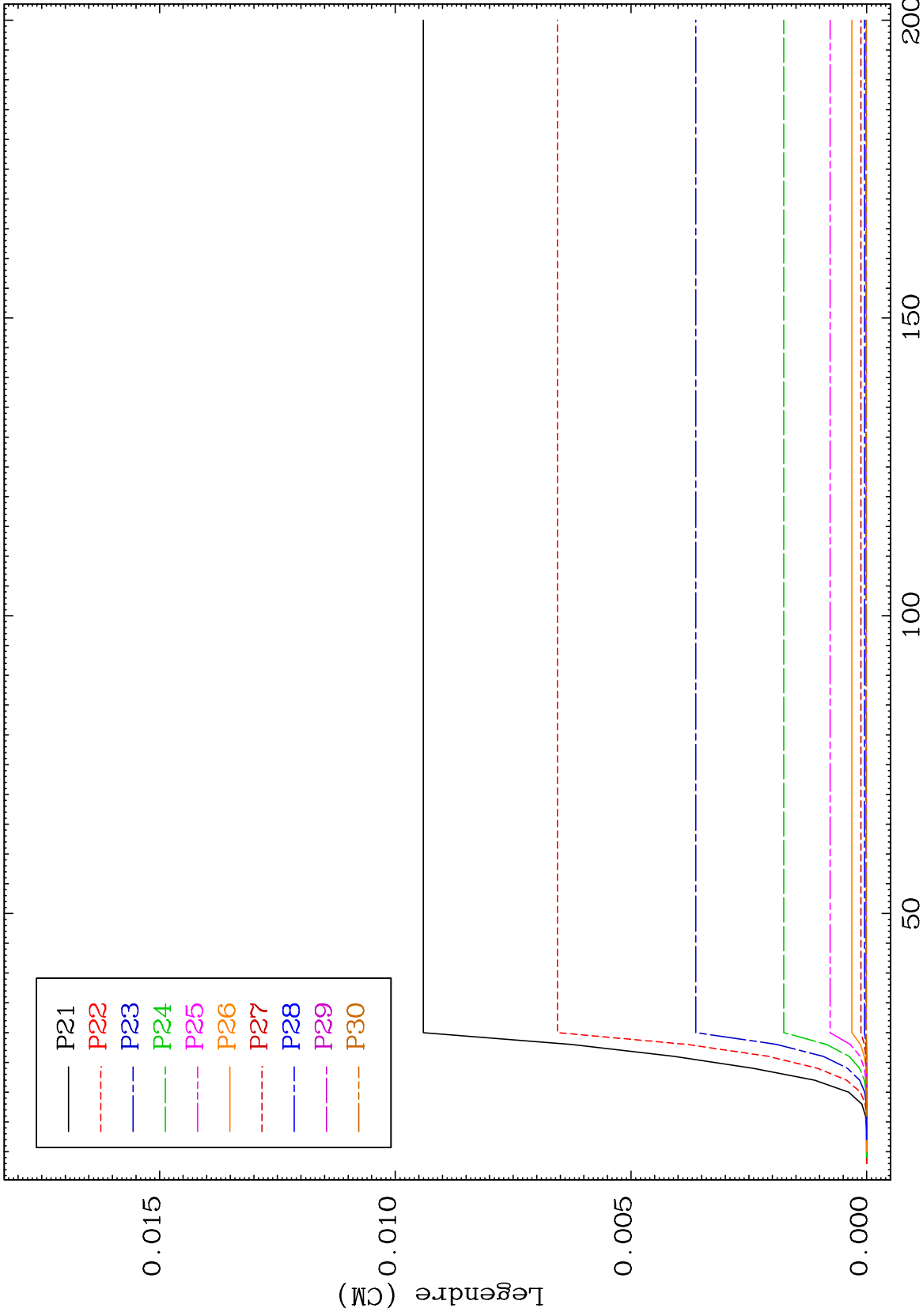
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



47

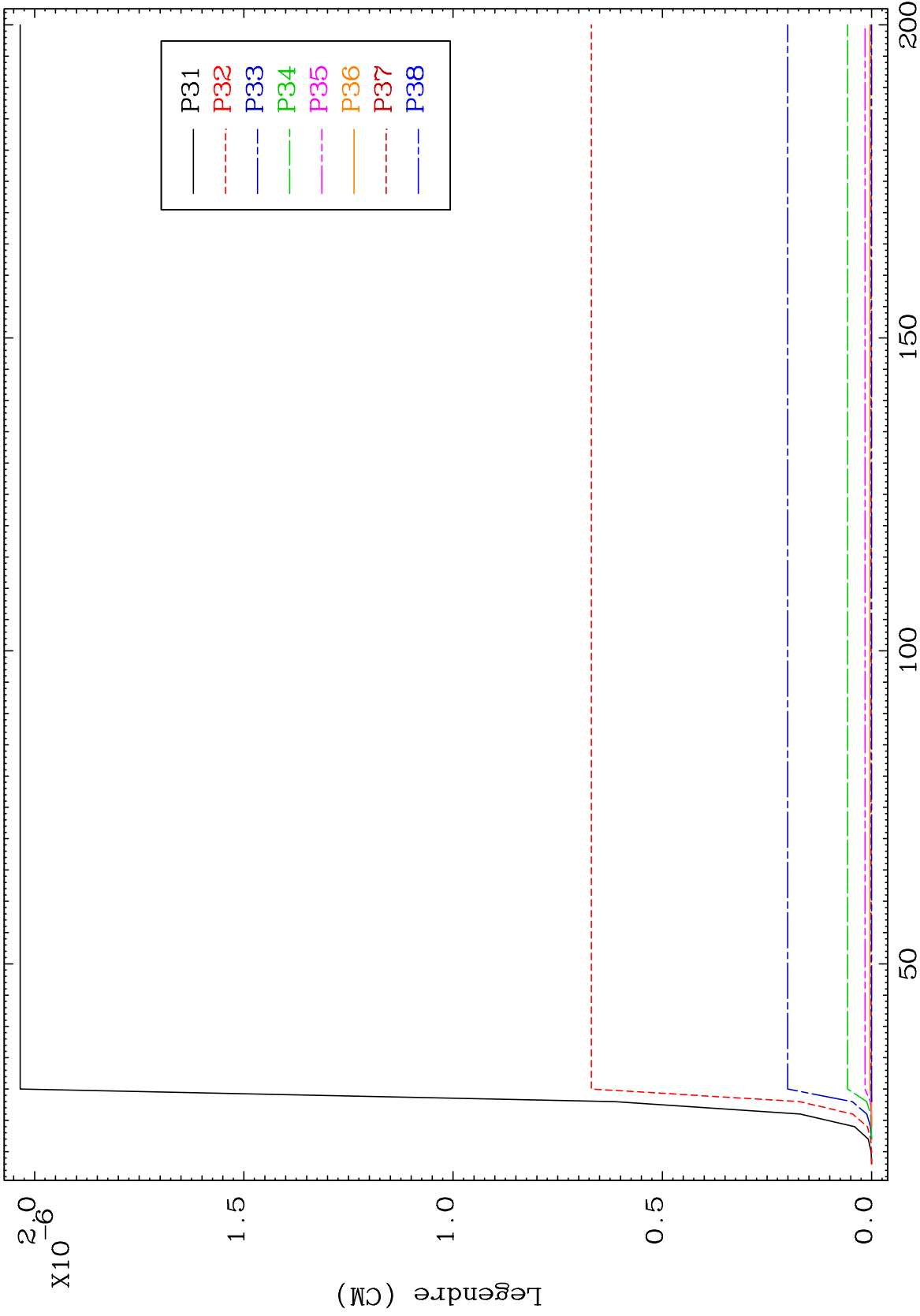
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

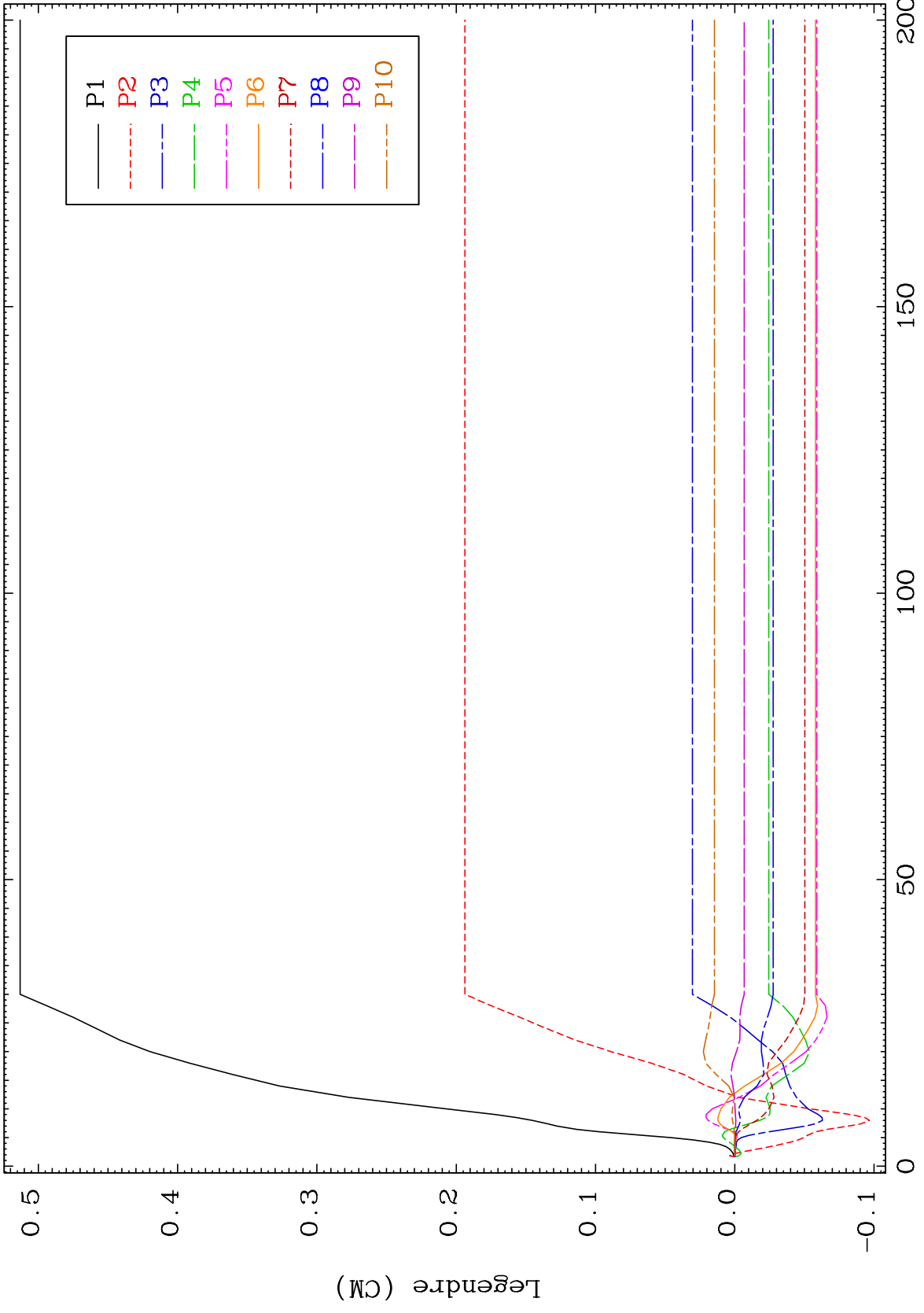


48

Incident Energy (MeV)

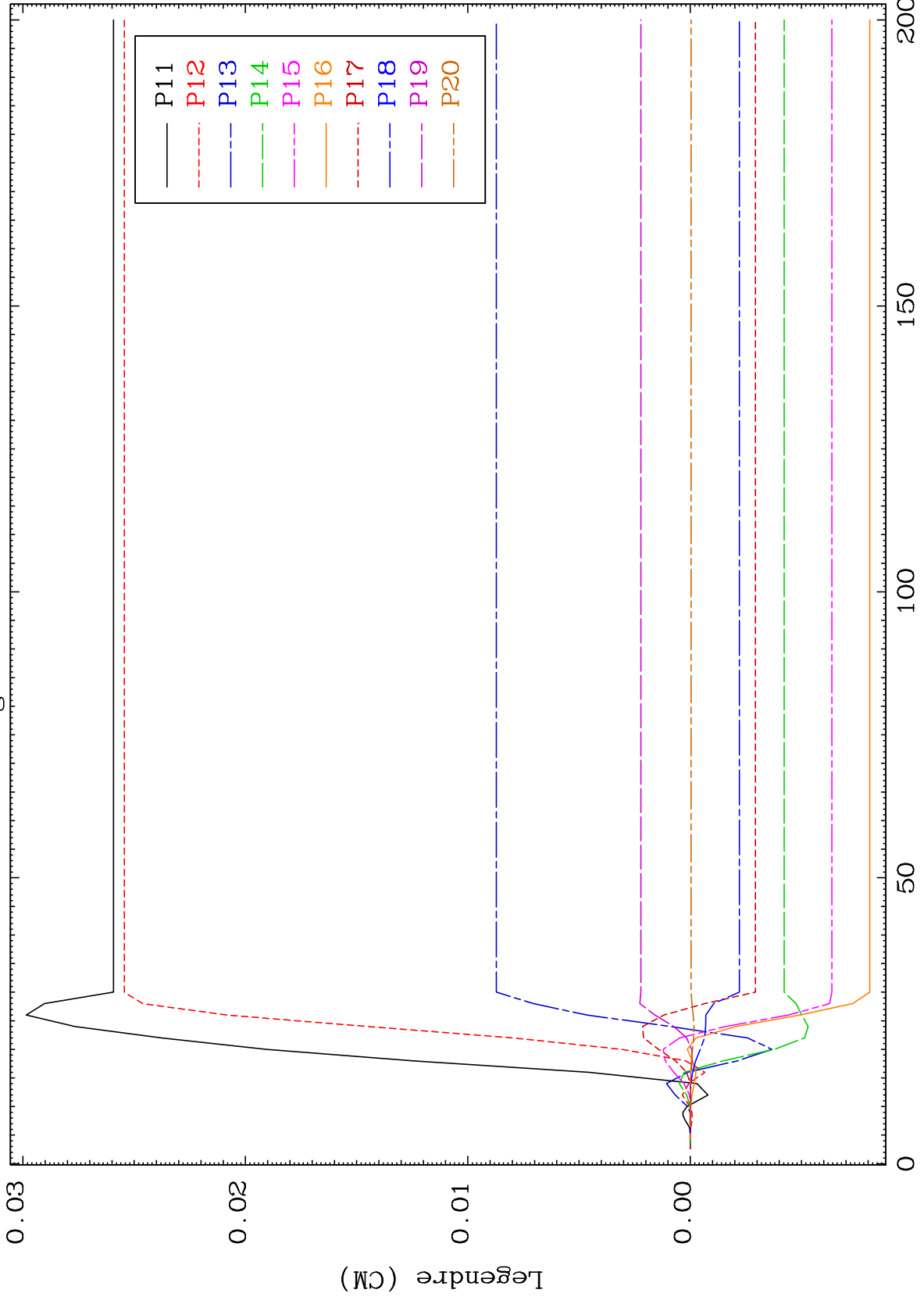
80-Hg-198

MAT 8031 MT= 59 (n,n') Level Legendre Coefficients 80-Hg-198



49 80-Hg-198

MAT 8031 MT= 59 (n,n') Level Legendre Coefficients 80-Hg-198

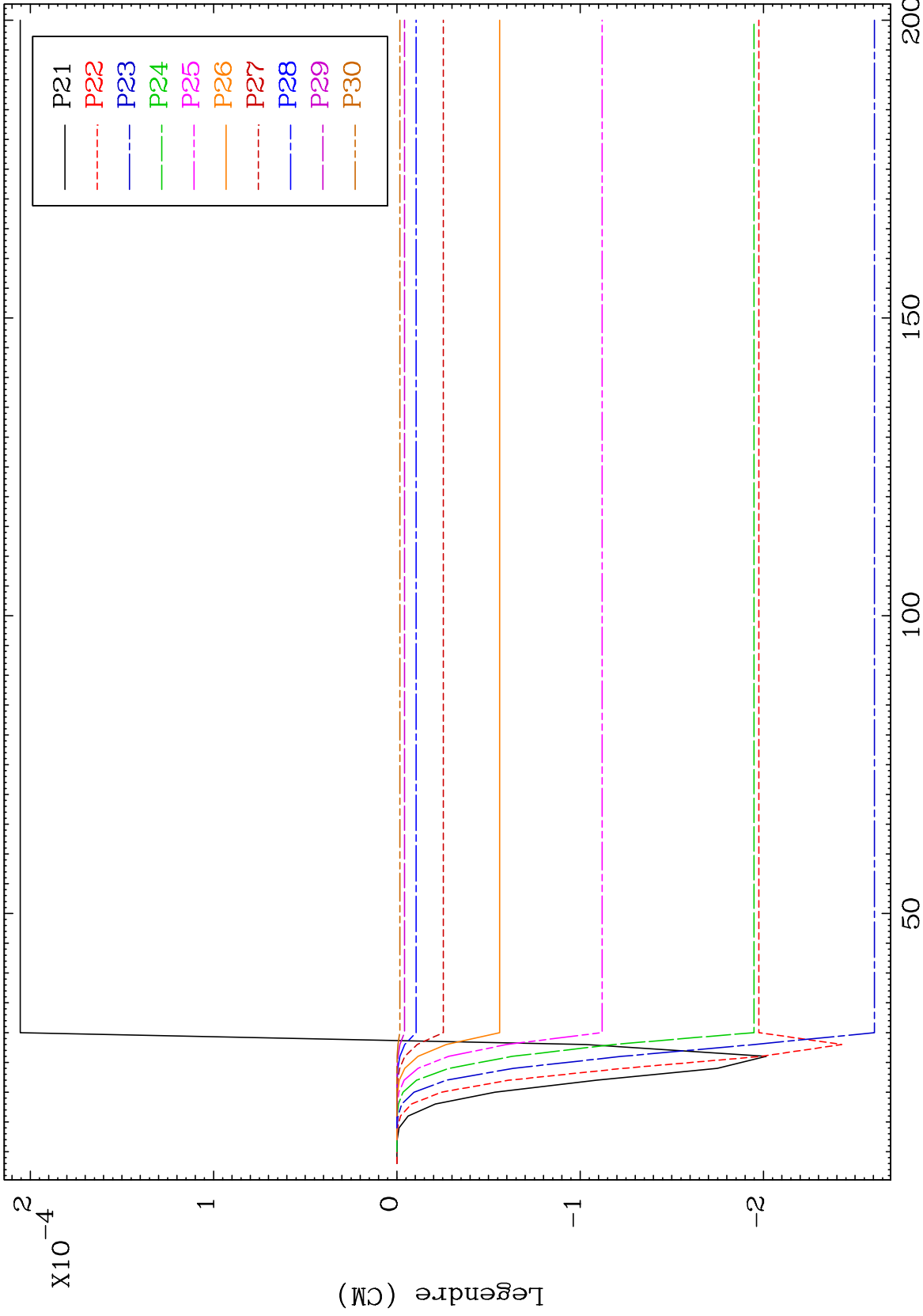


80-Hg-198

MAT 8031

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

80-Hg-198



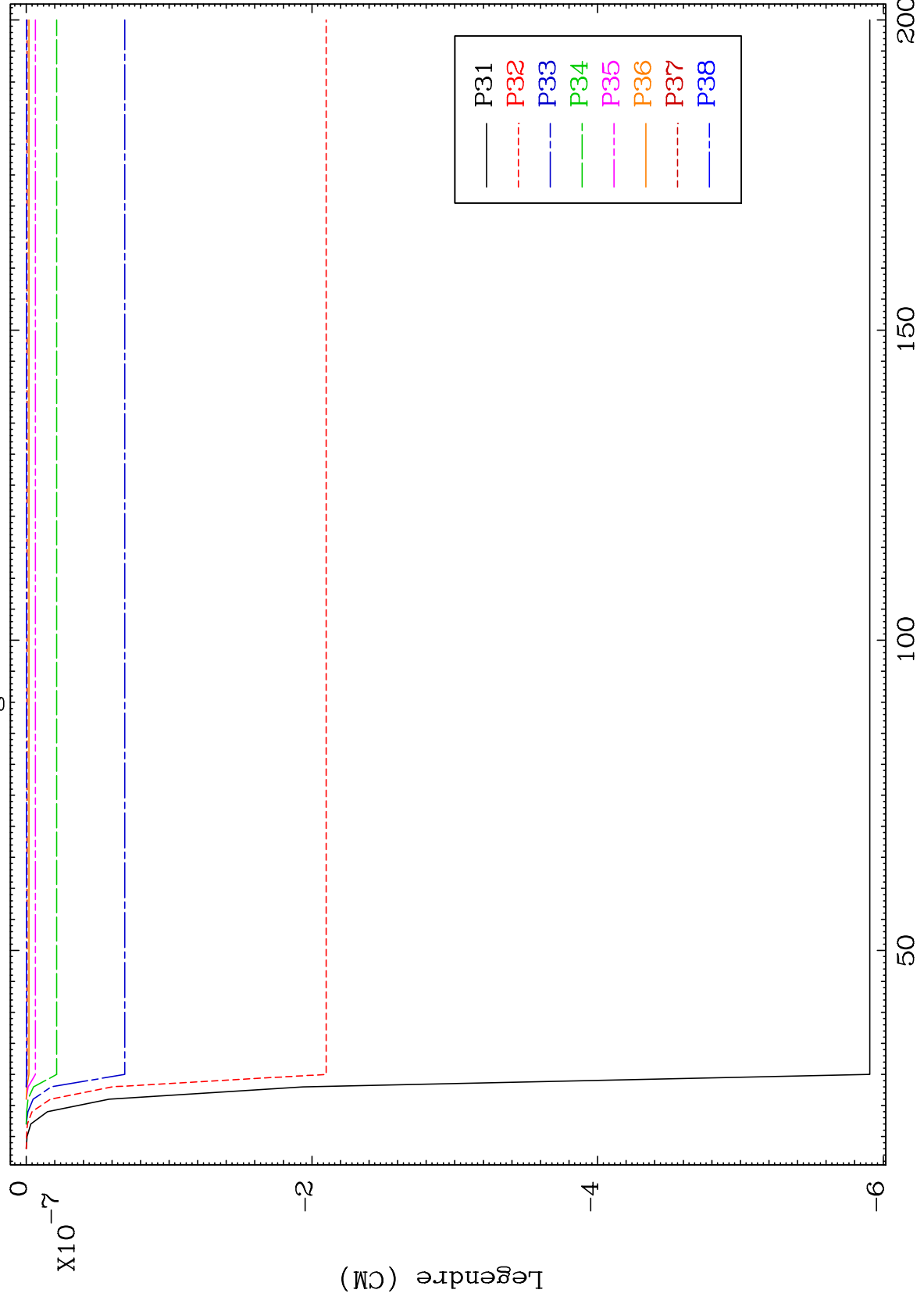
51

80-Hg-198

MAT 8031

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

80-Hg-198

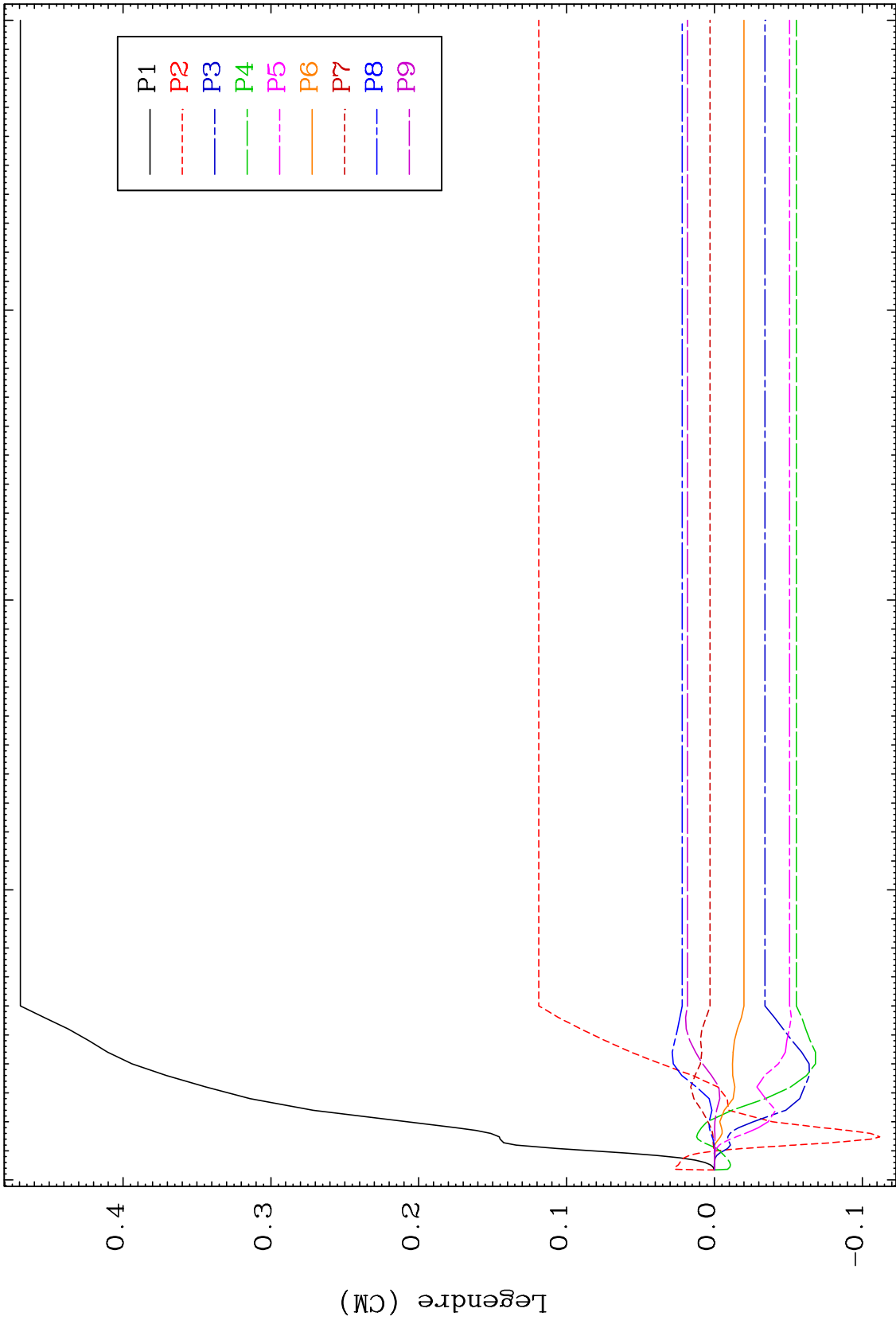


80-Hg-198

Incident Energy (MeV)

52

MAT 8031 MT= 60 (n,n') Level Legendre Coefficients 80-Hg-198

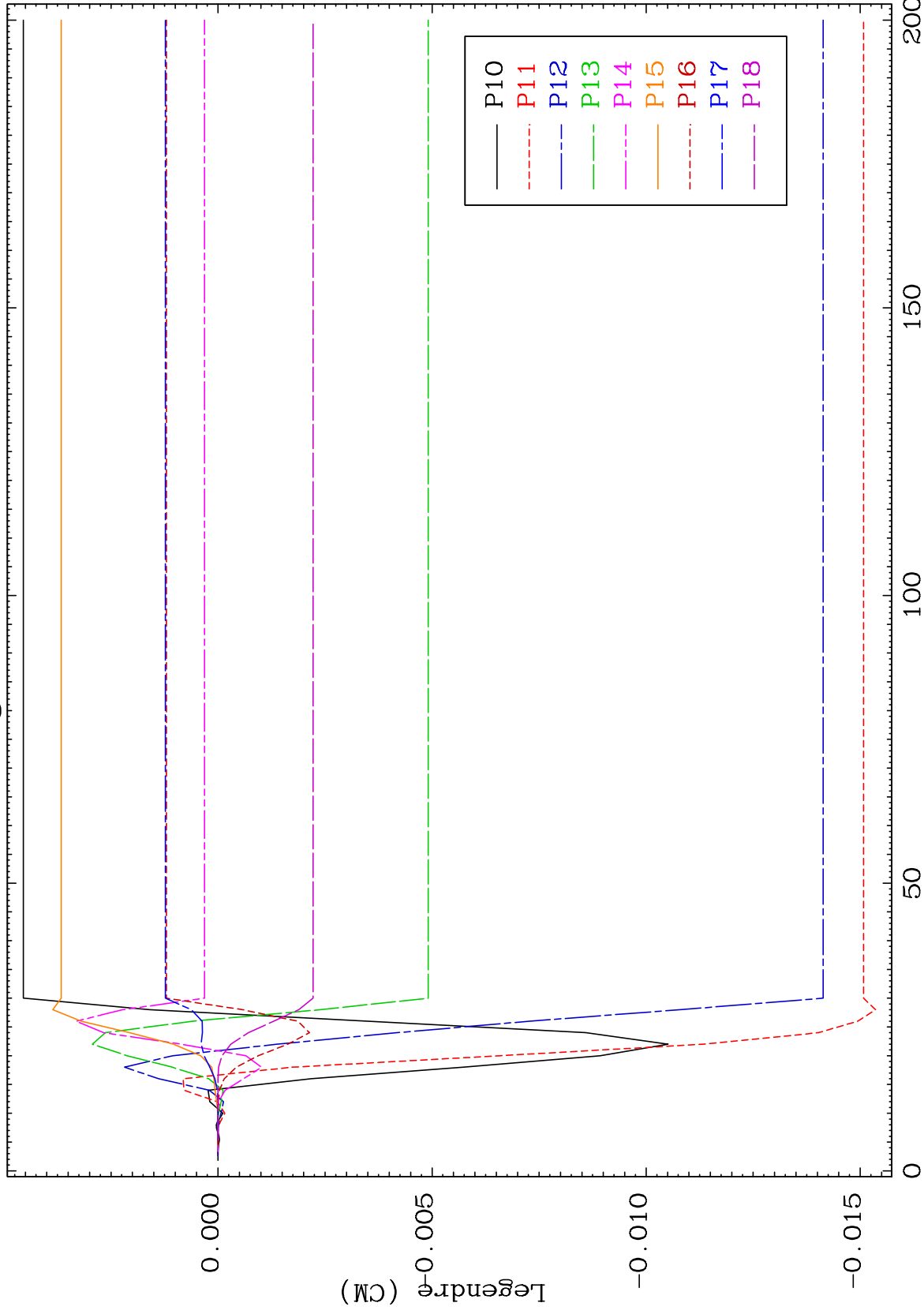


53 Incident Energy (MeV) 80-Hg-198

MAT 8031

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

80-Hg-198



54

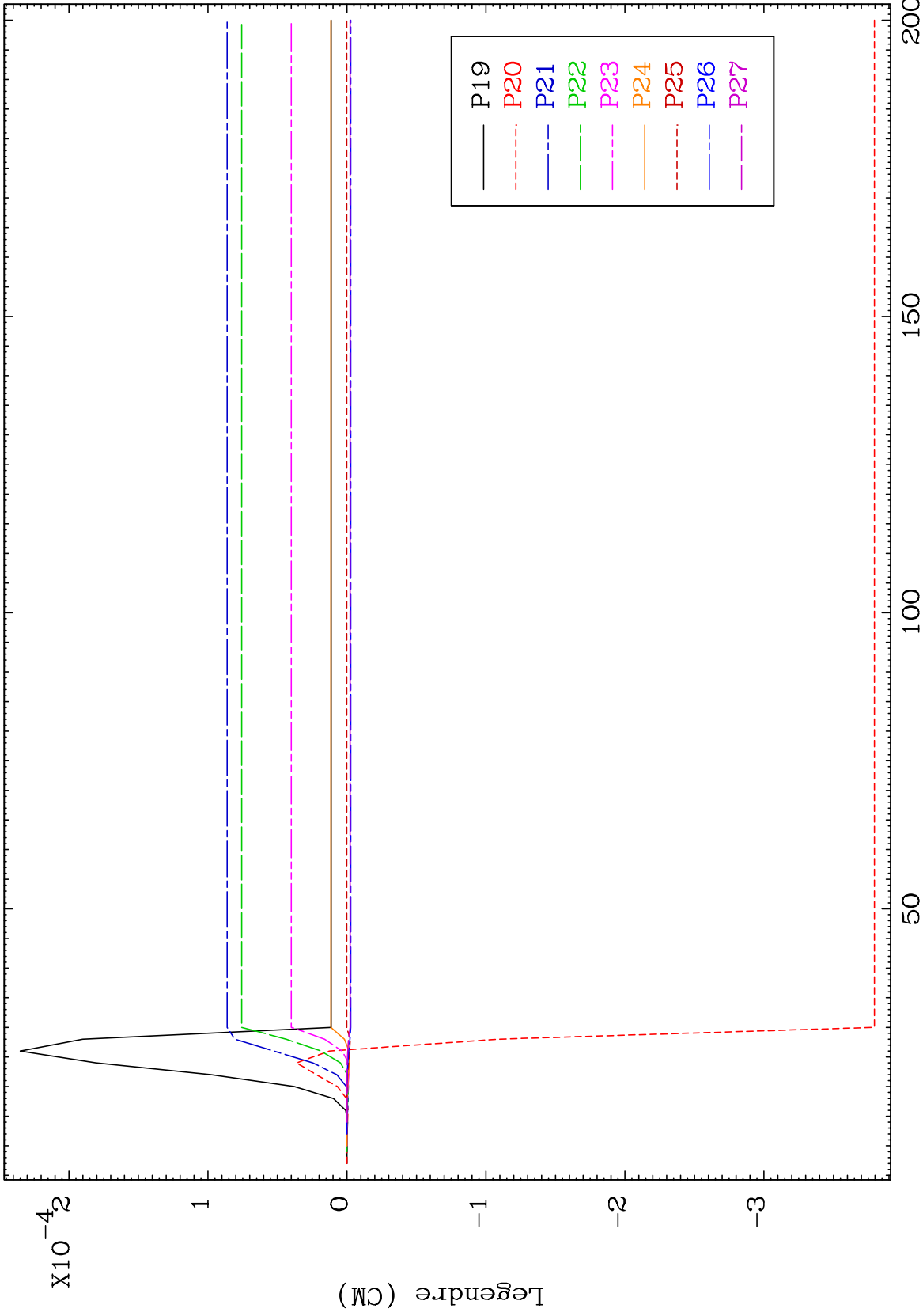
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



55

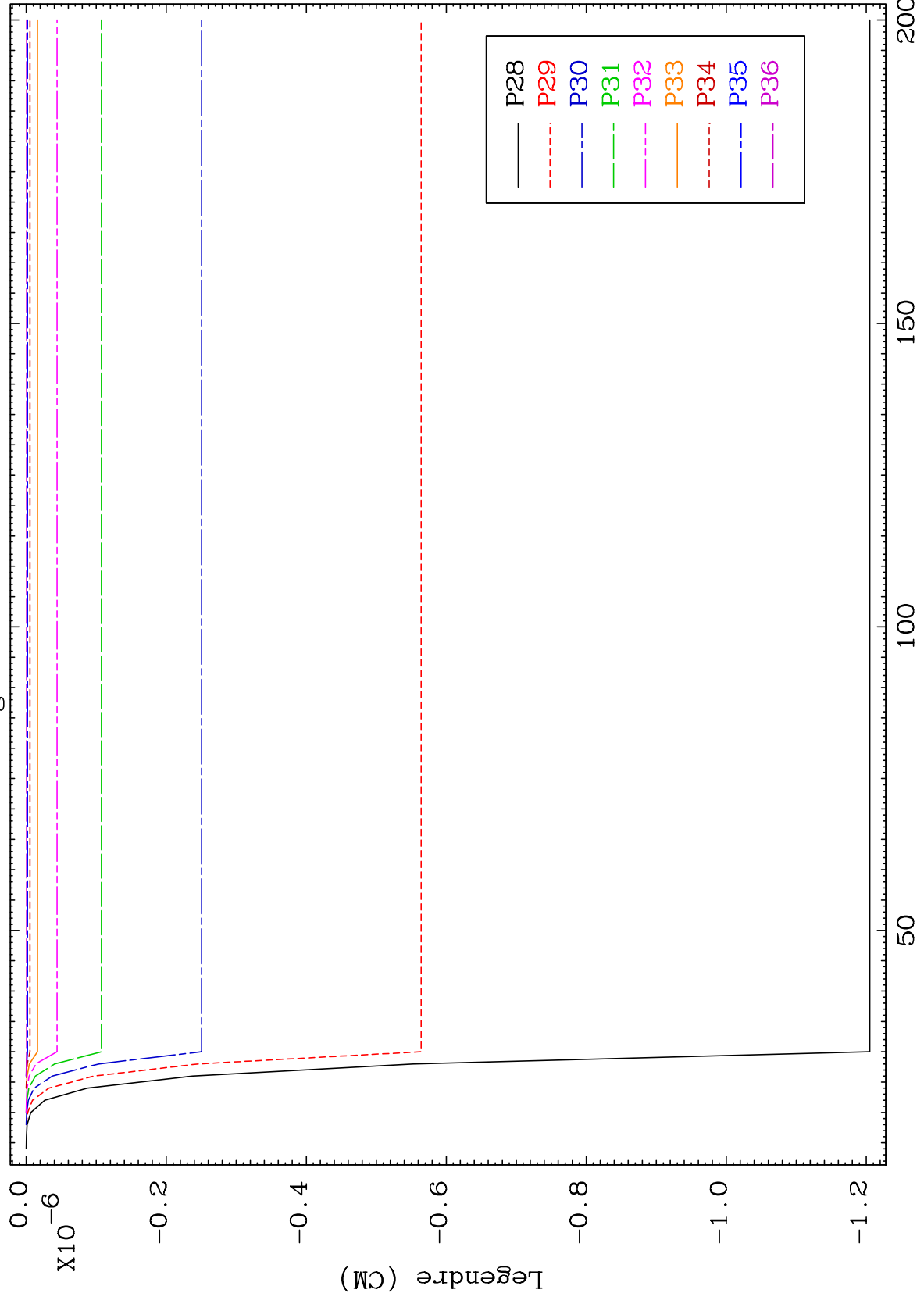
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

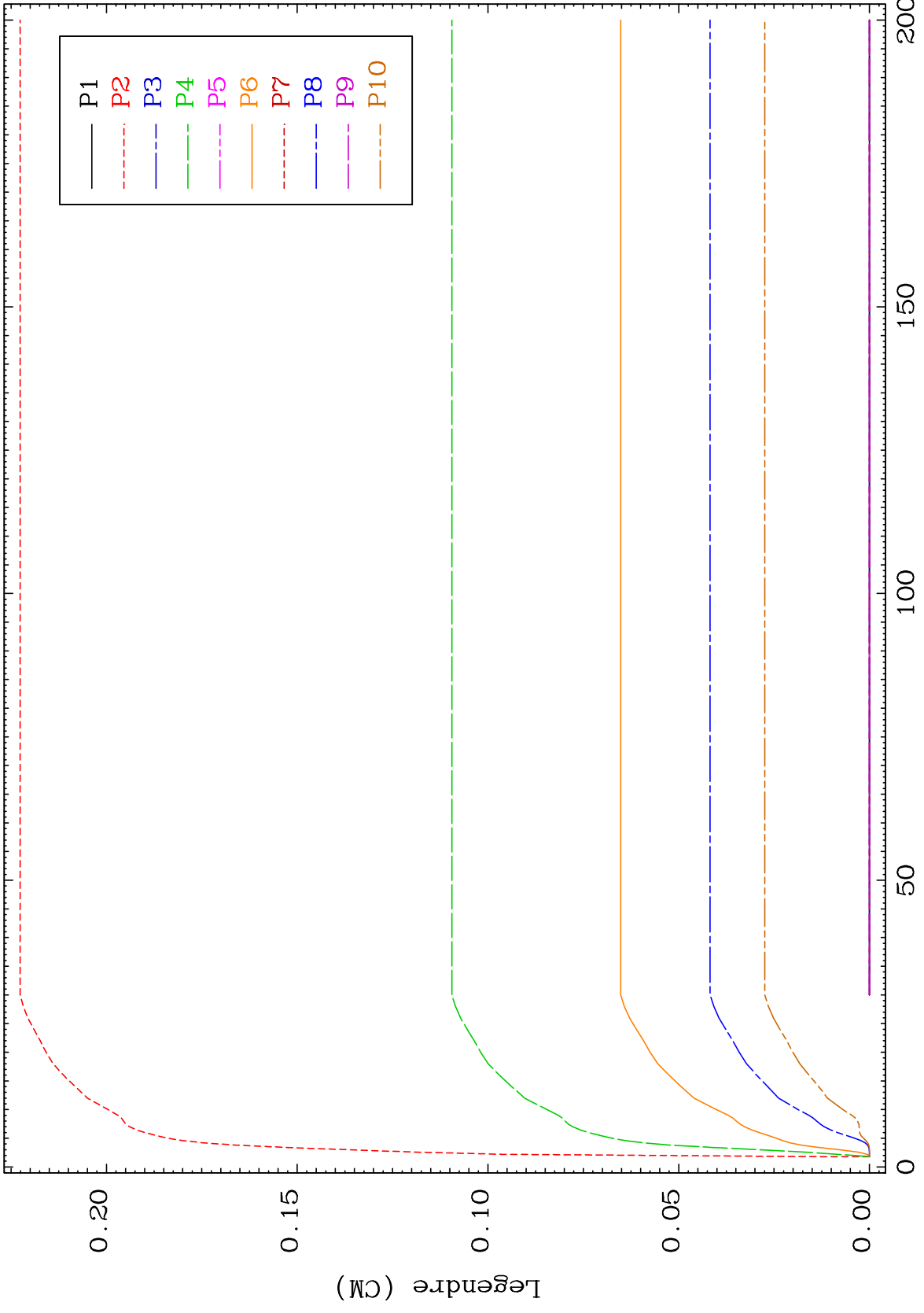


80-Hg-198

Incident Energy (MeV)

56

MAT 8031 MT= 61 (n,n') Level Legendre Coefficients 80-Hg-198

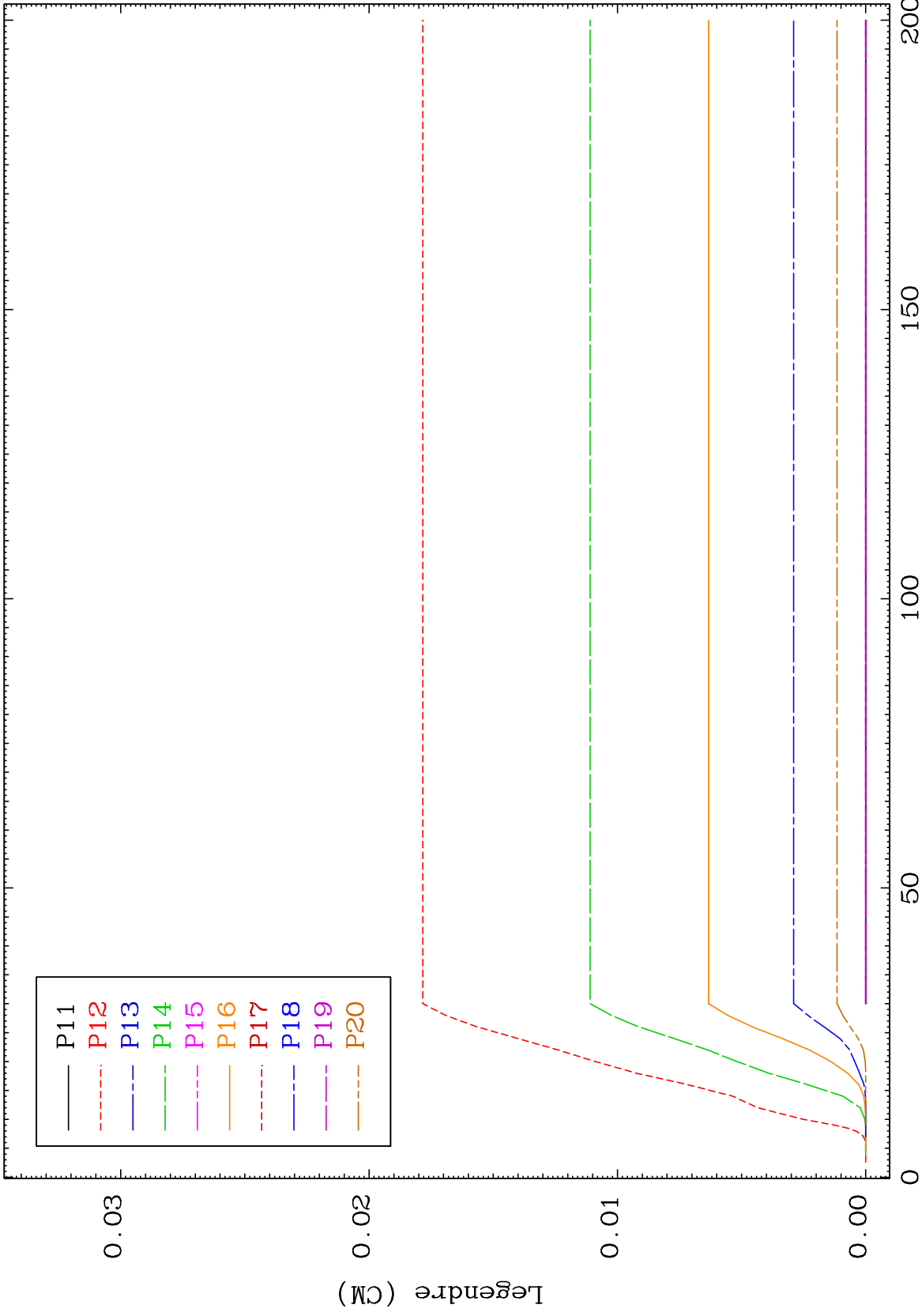


57 Incident Energy (MeV) 80-Hg-198

MAT 8031

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

80-Hg-198

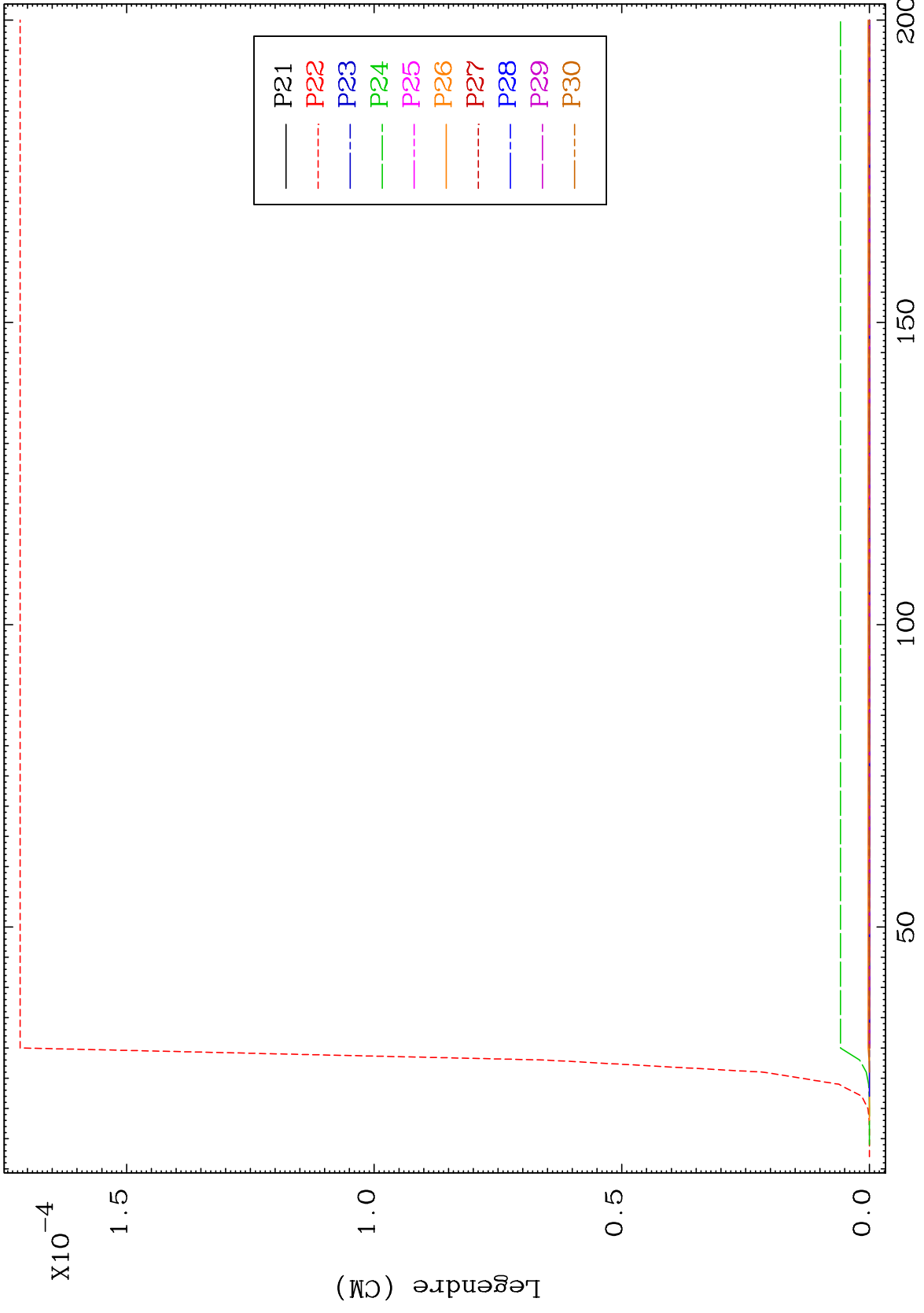


58

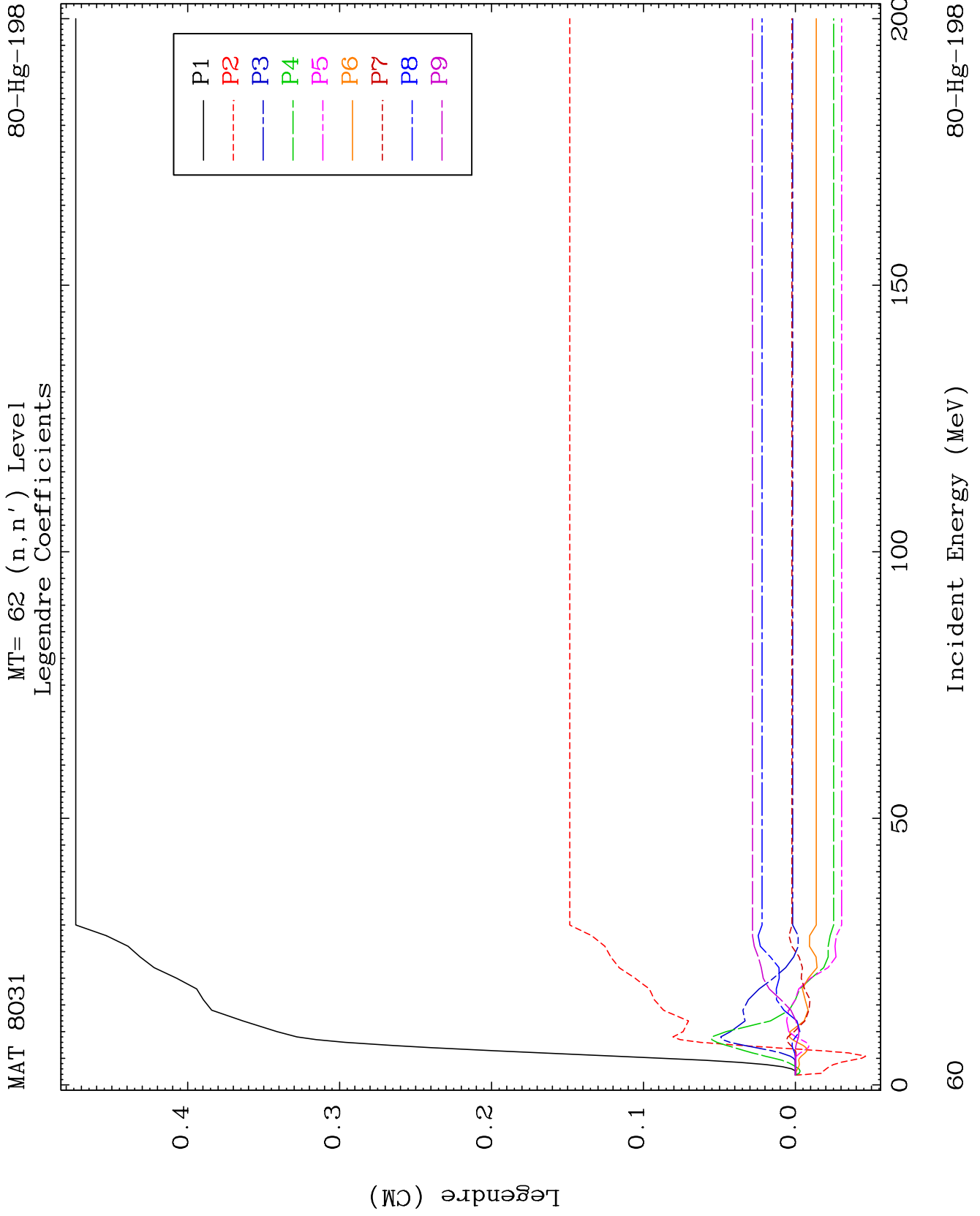
Incident Energy (MeV)

80-Hg-198

MAT 8031 MT= 61 (n,n') Level Legendre Coefficients 80-Hg-198



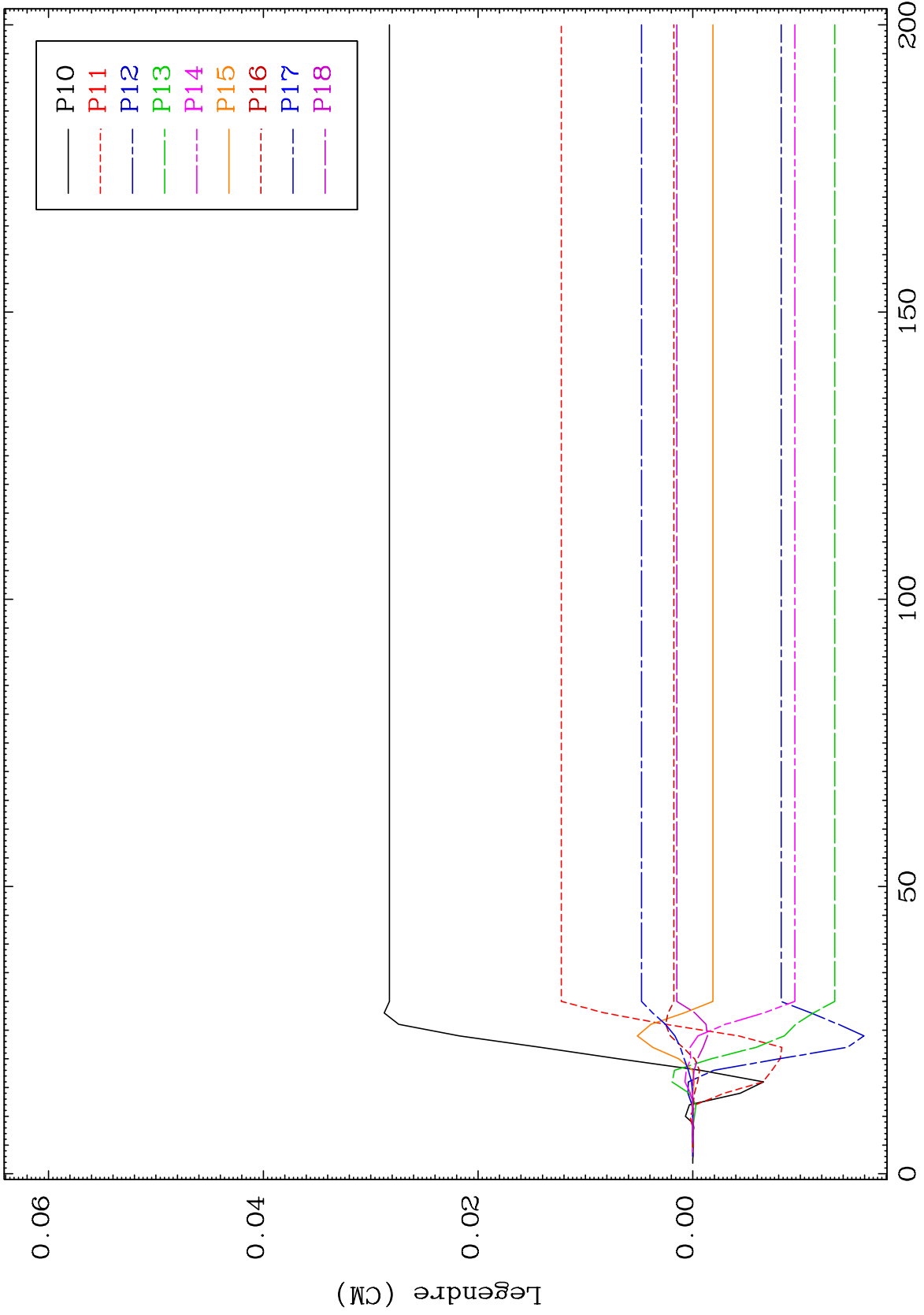
59 80-Hg-198



MAT 8031

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

80-Hg-198



61

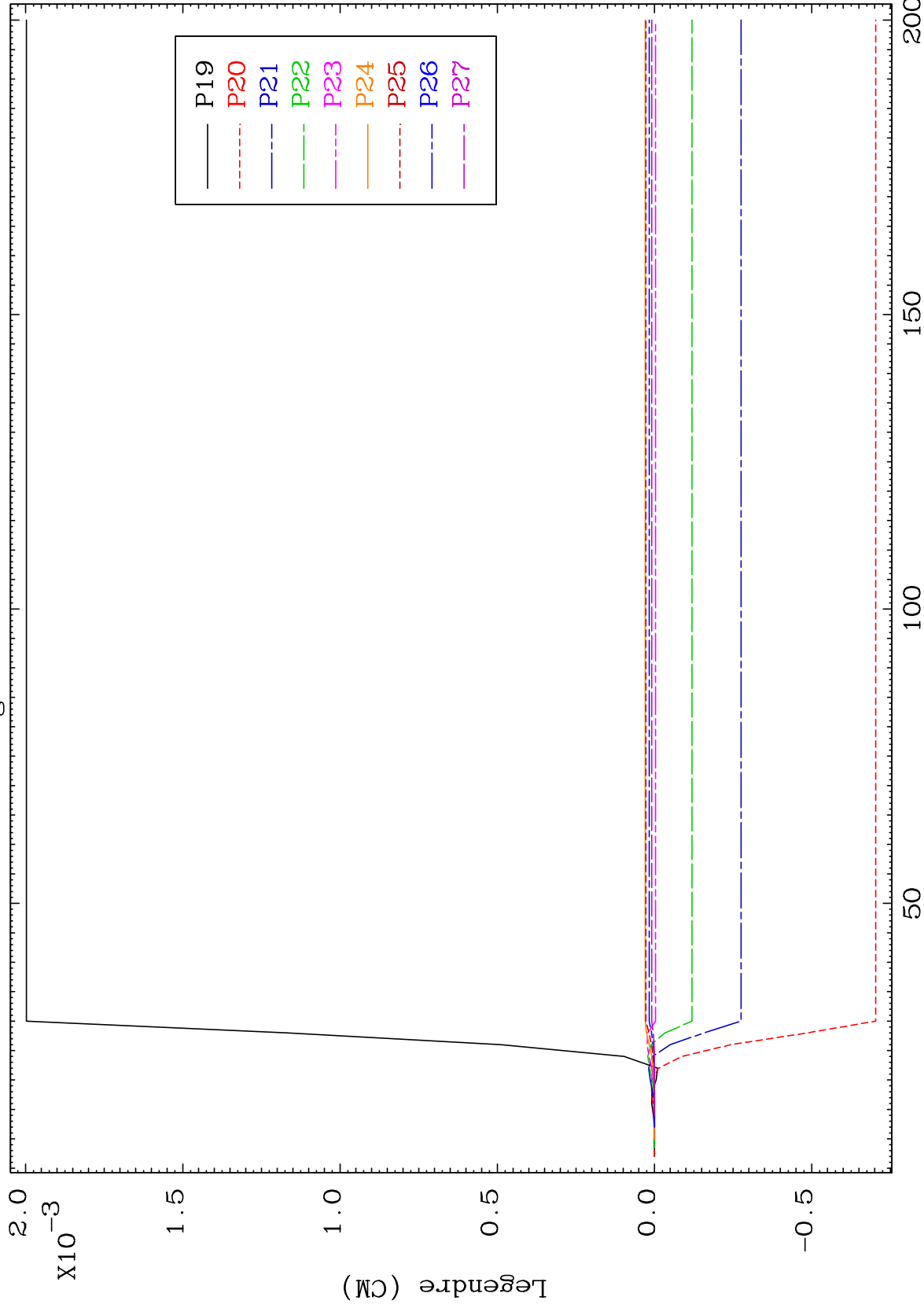
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



62

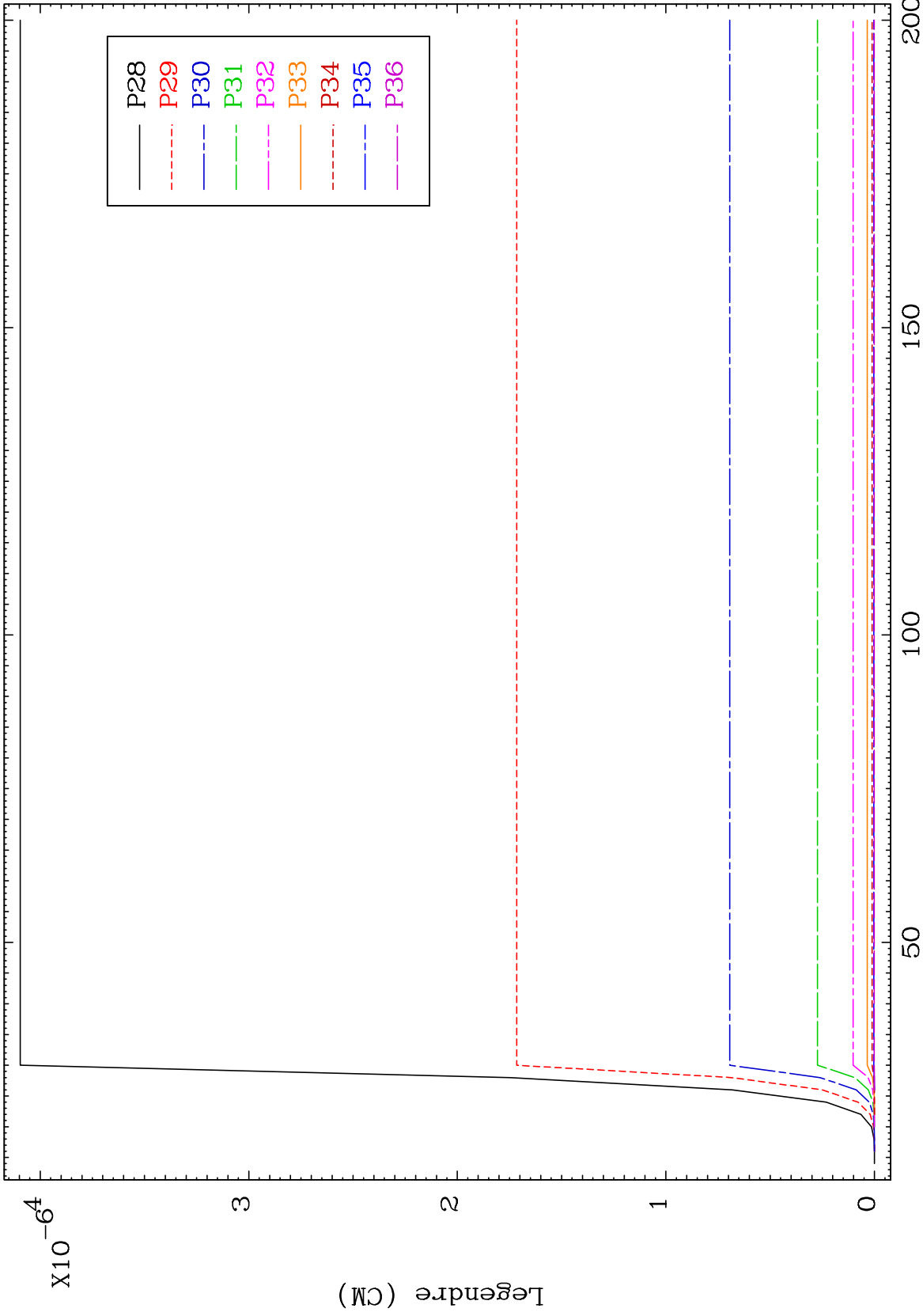
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



63

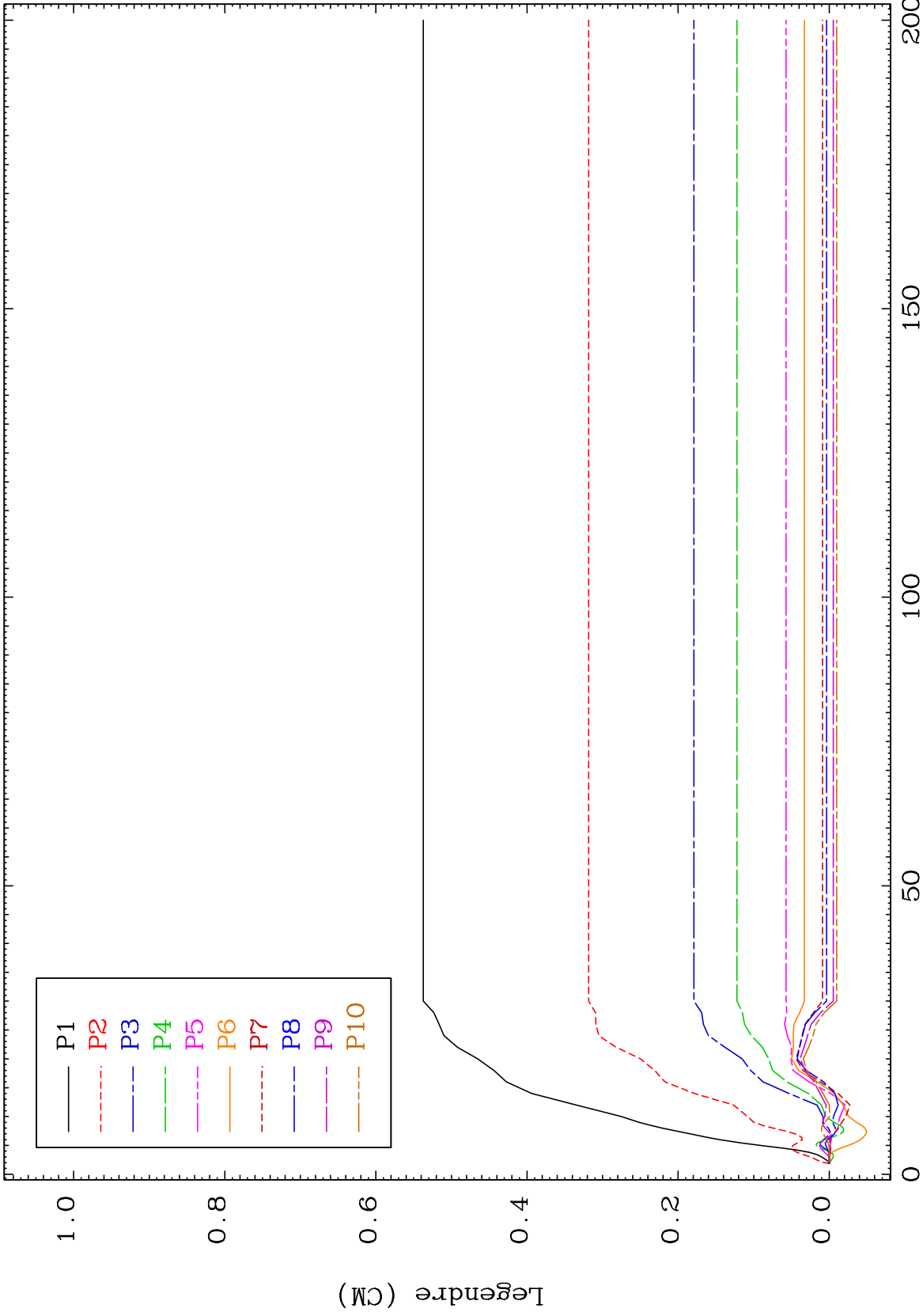
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



64

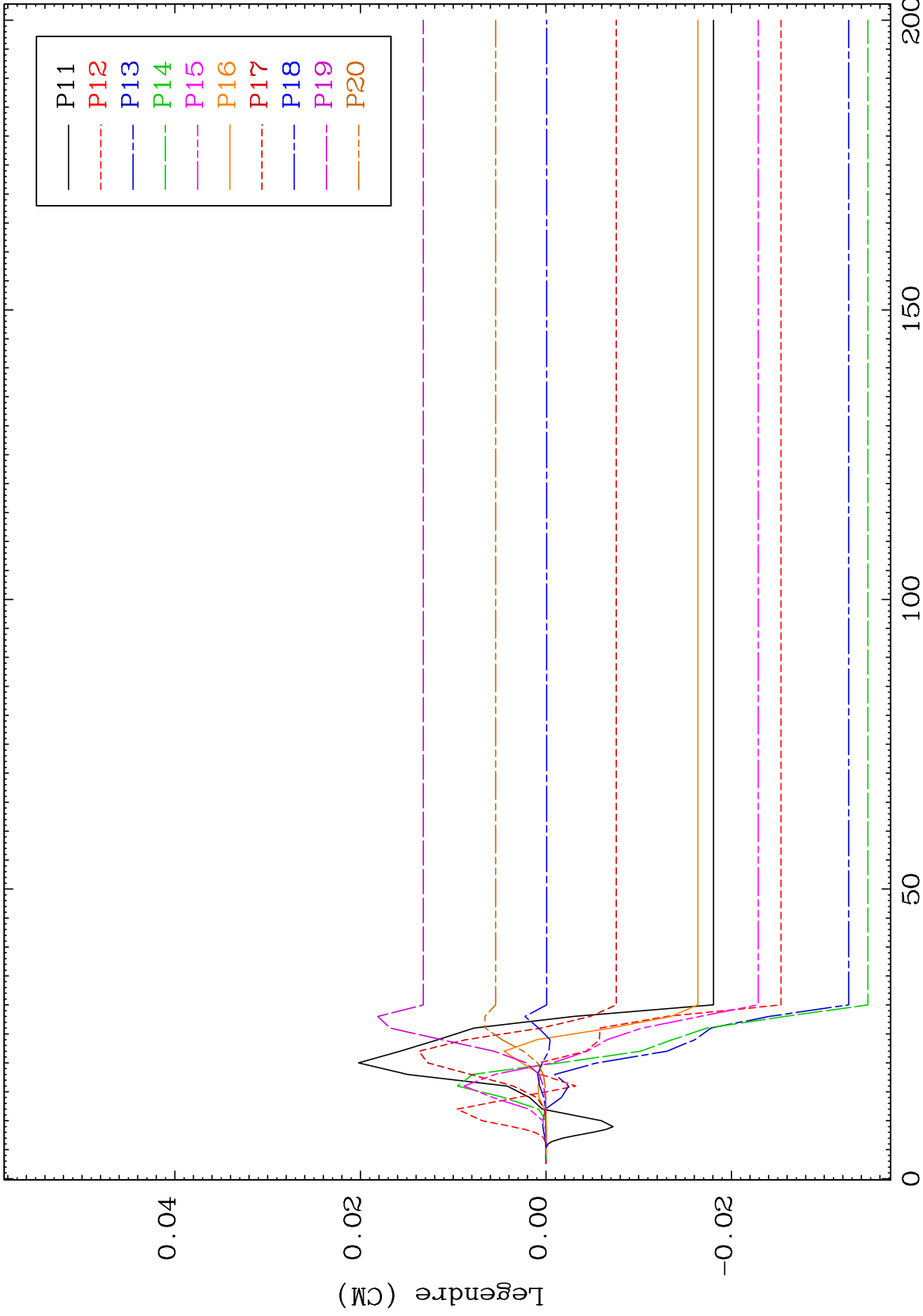
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



65

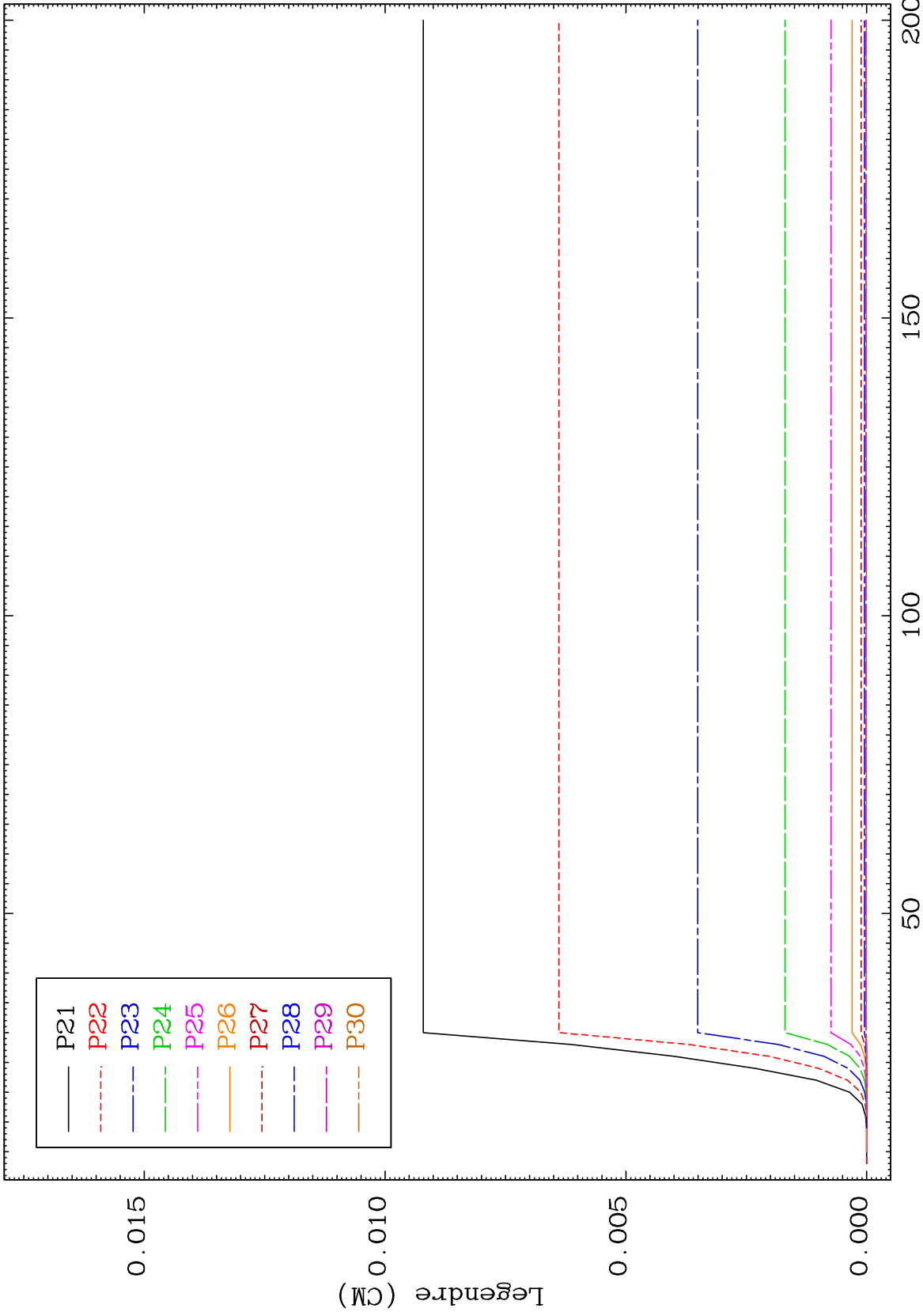
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

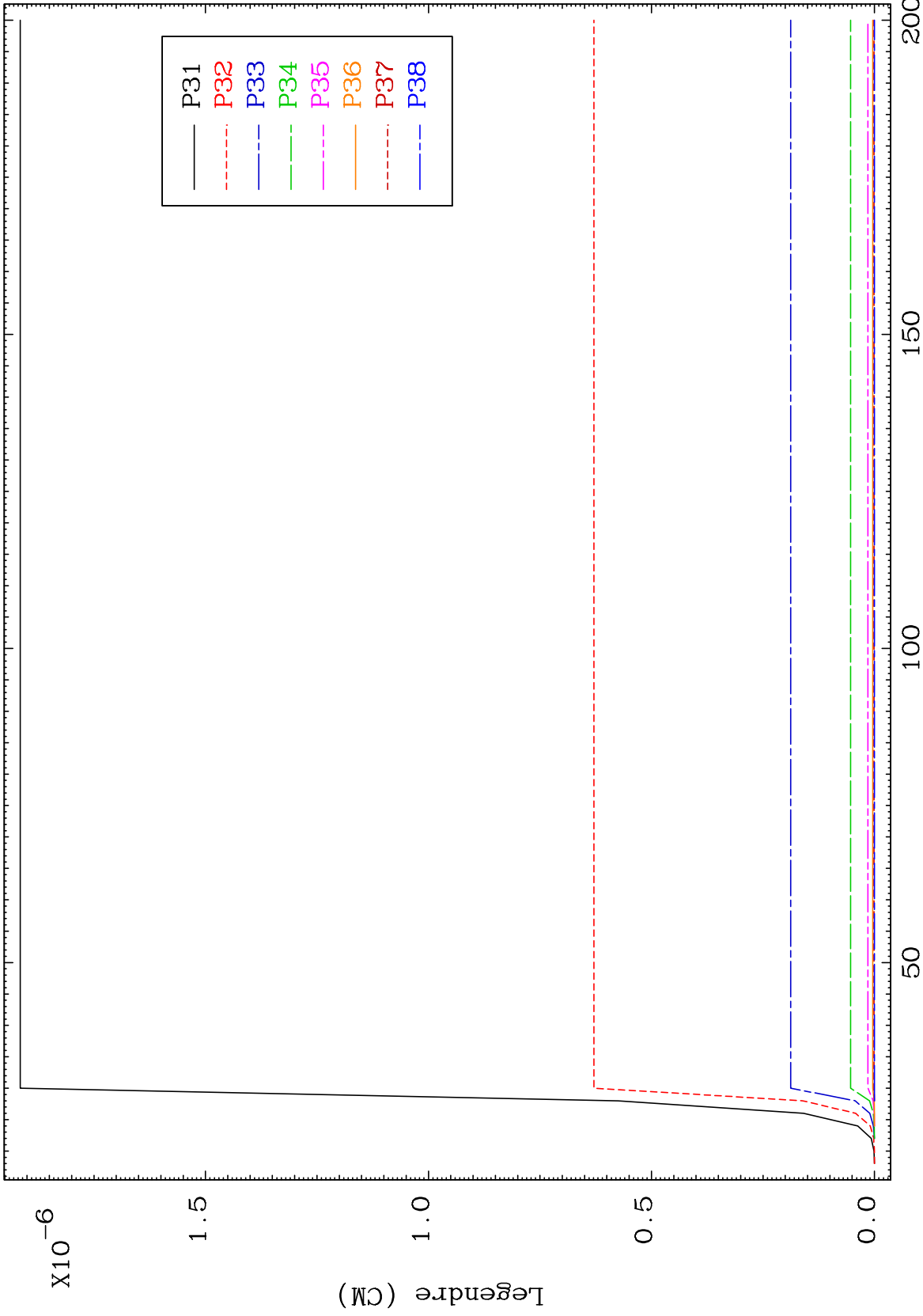
80-Hg-198



MAT 8031

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

80-Hg-198

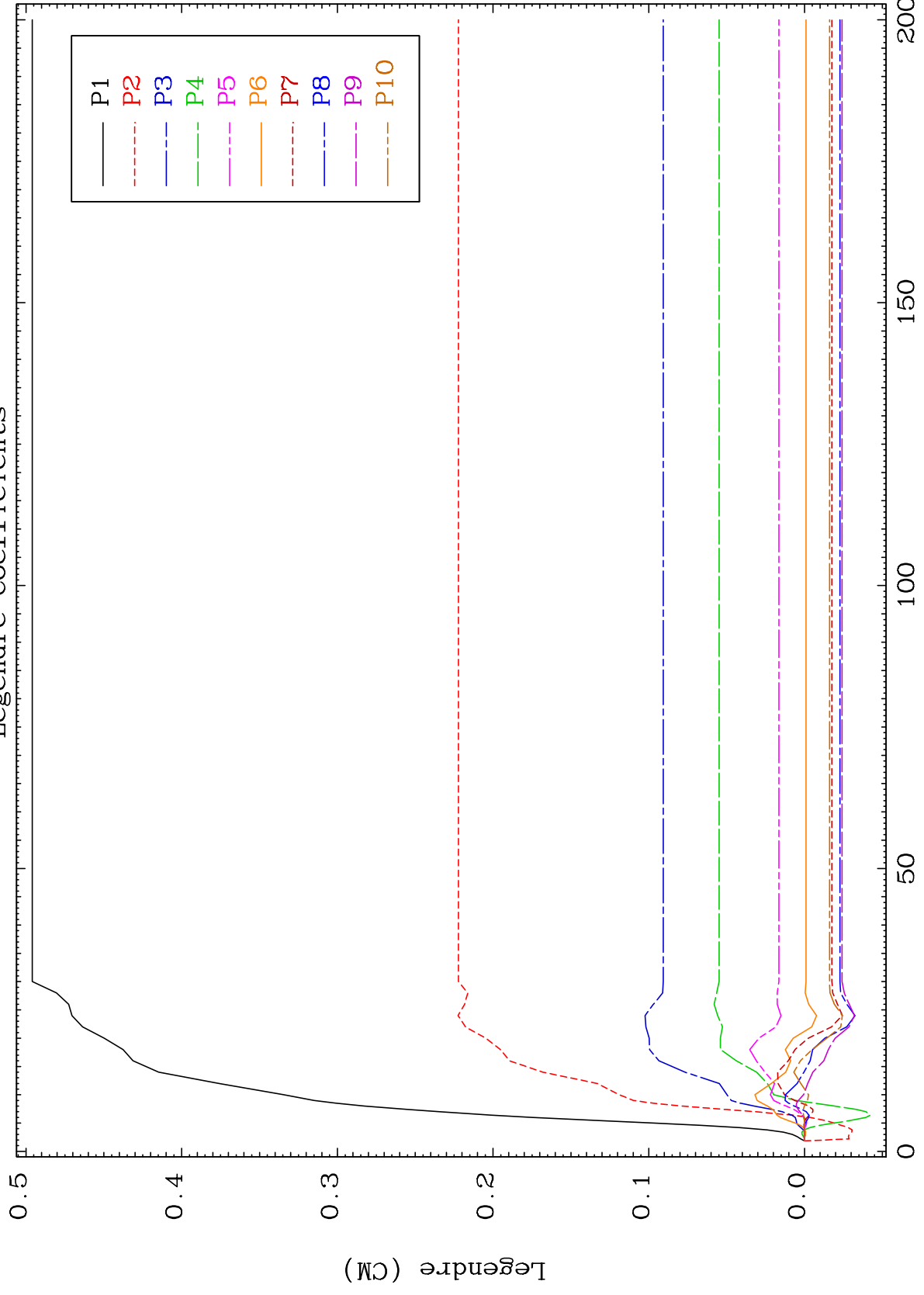


67

Incident Energy (MeV)

80-Hg-198

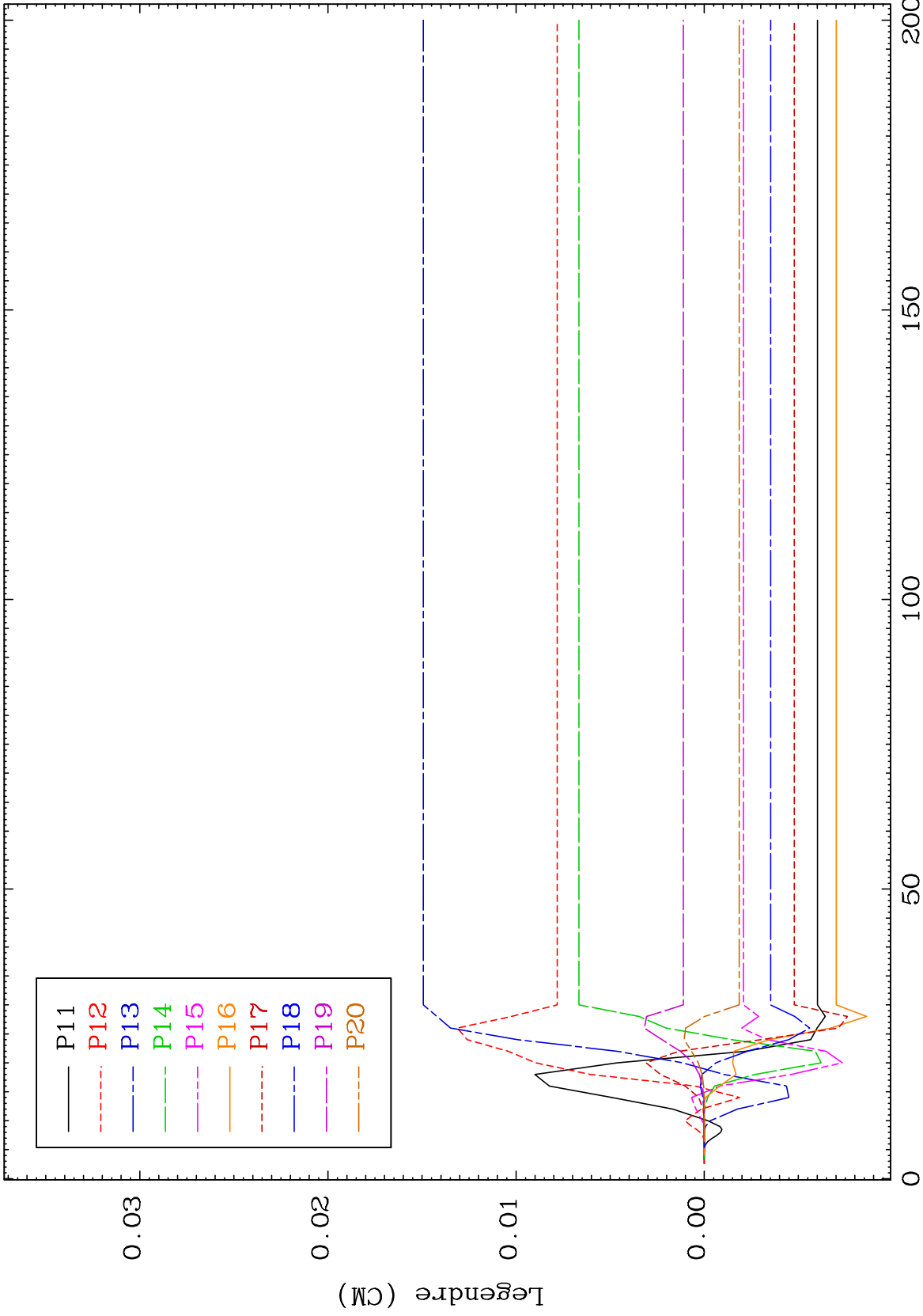
MAT 8031 MT= 64 (n,n') Level Legendre Coefficients 80-Hg-198



MAT 8031

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

80-Hg-198



69

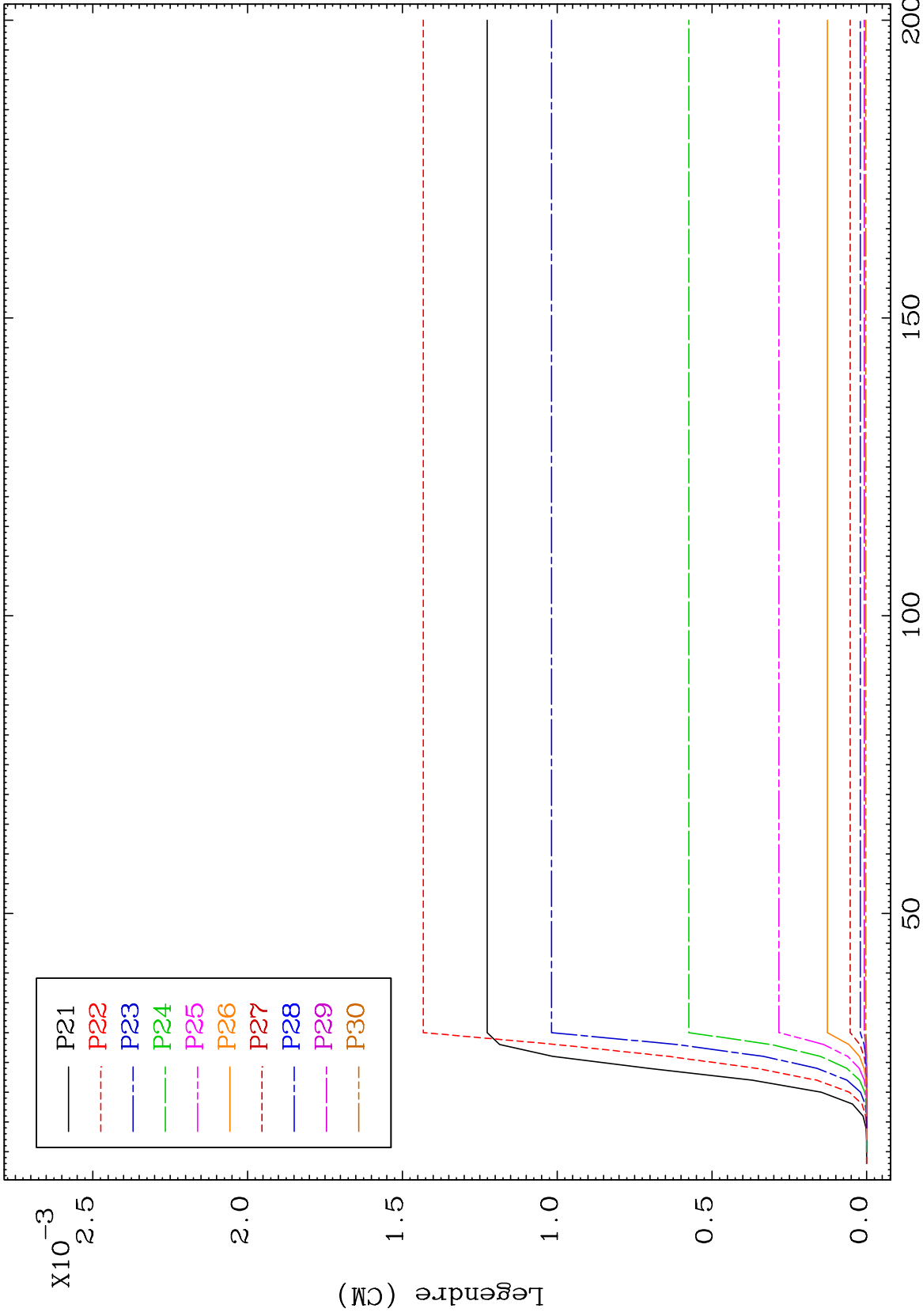
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



70

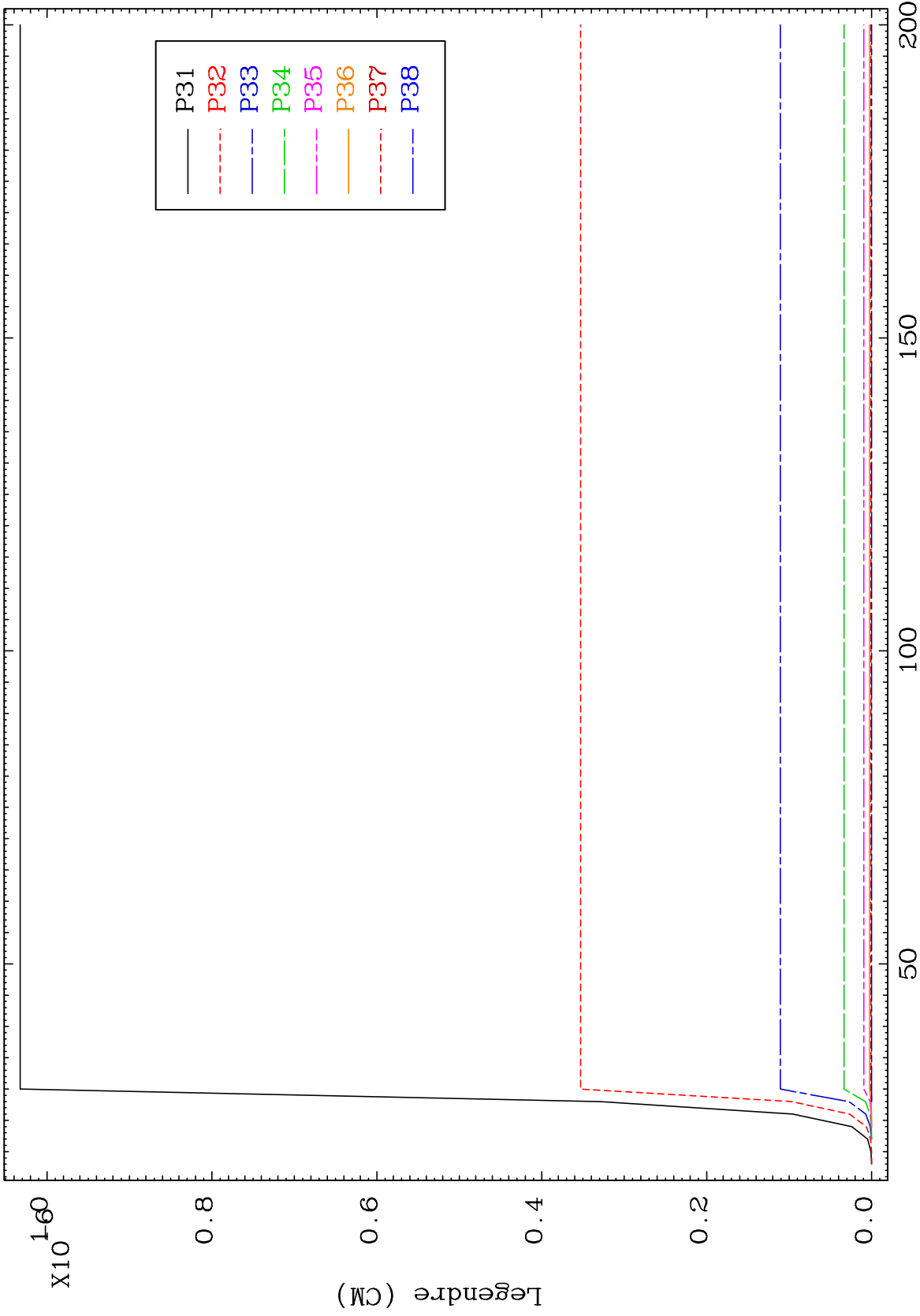
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

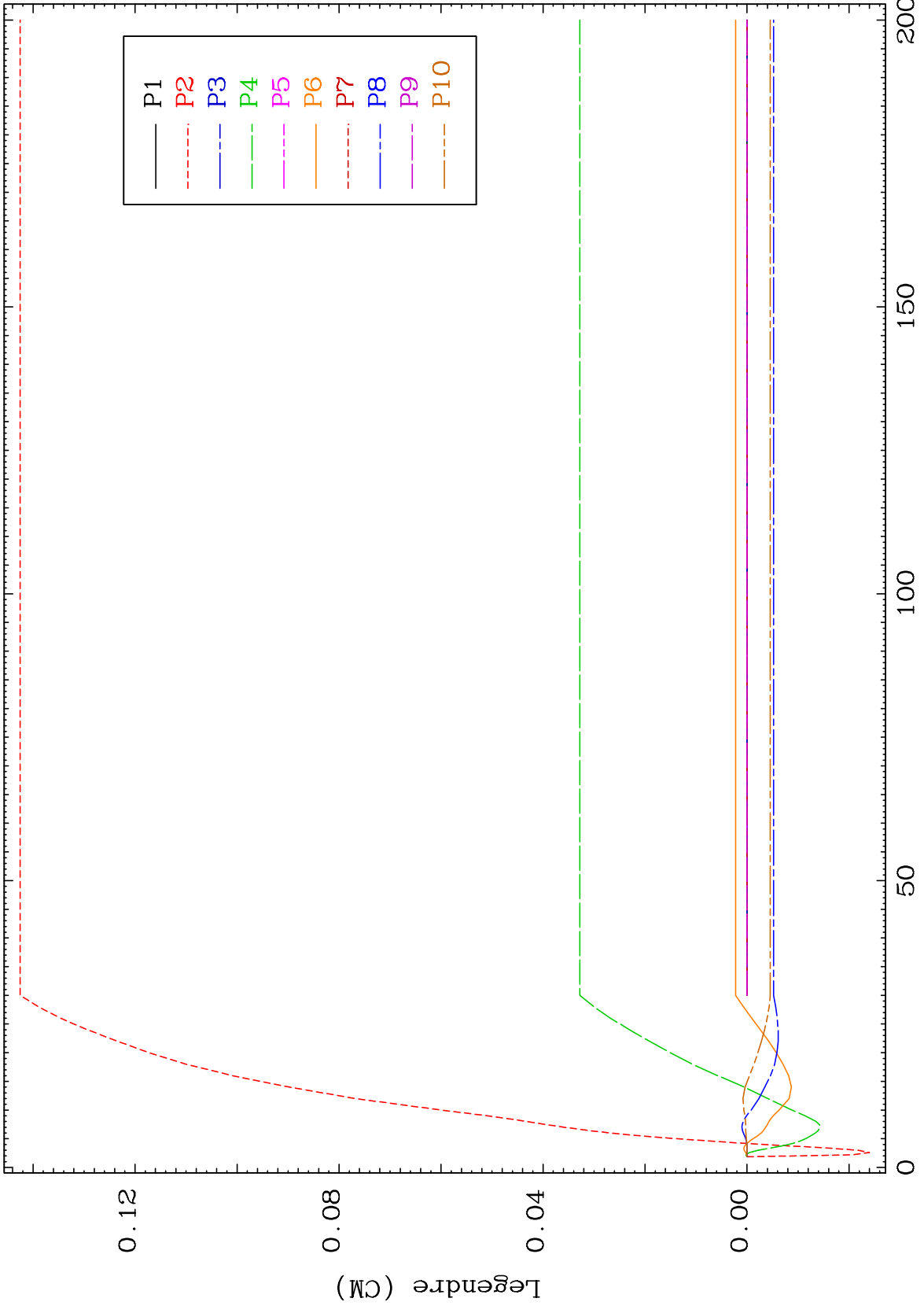
80-Hg-198



71

80-Hg-198

MAT 8031 MT= 65 (n,n') Level Legendre Coefficients 80-Hg-198

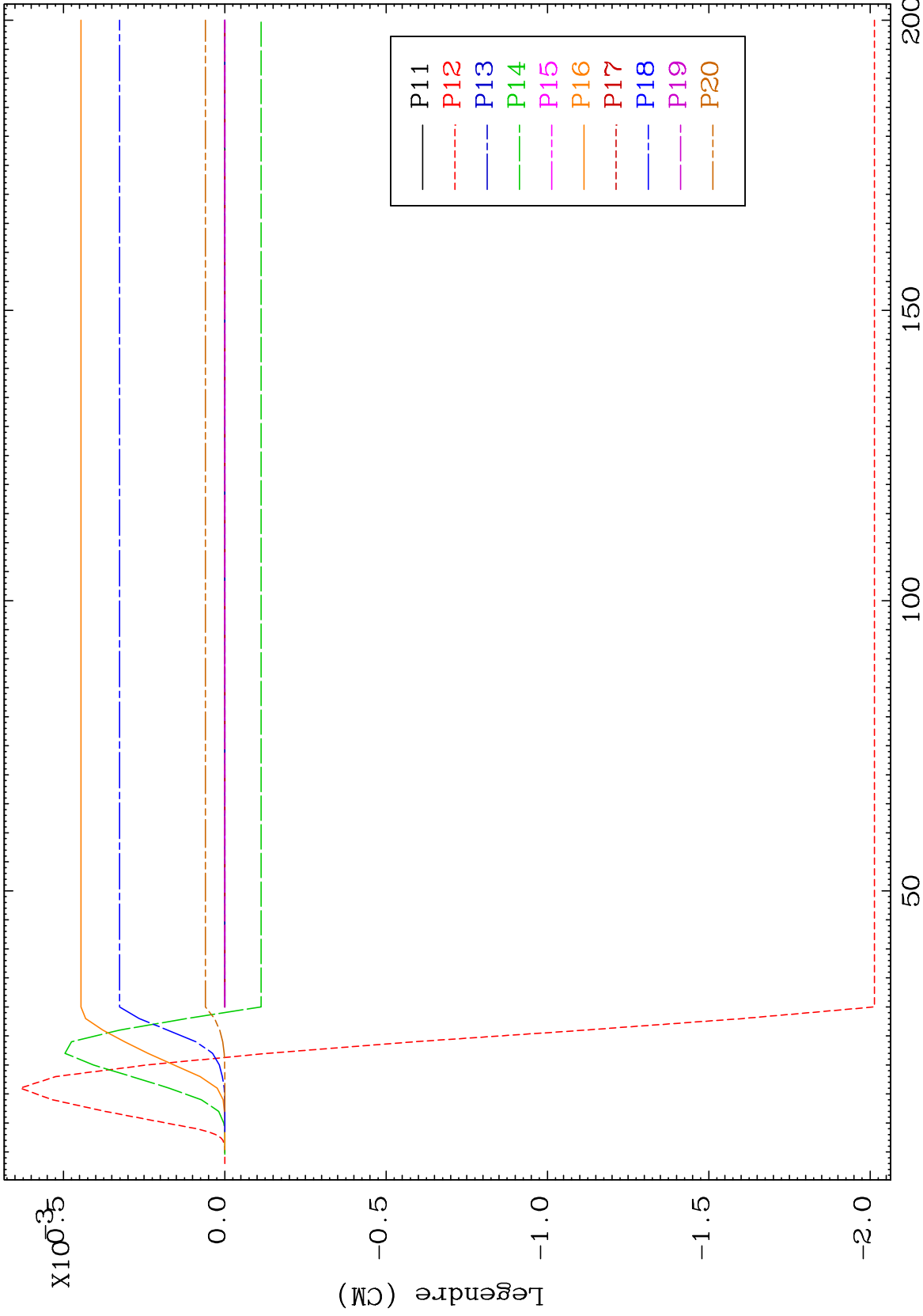


72 80-Hg-198

MAT 8031

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

80-Hg-198

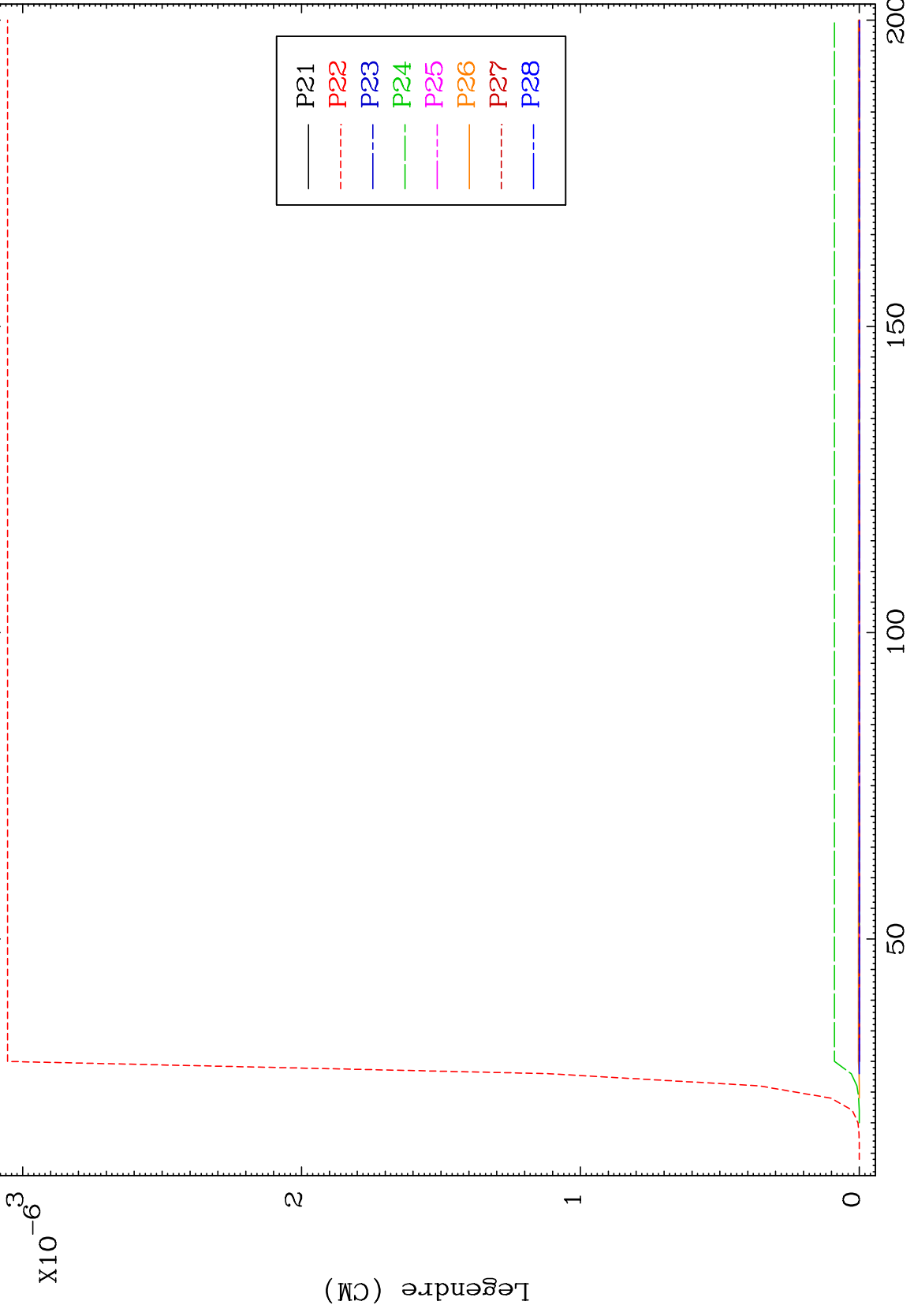


73

Incident Energy (MeV)

80-Hg-198

MAT 8031 MT= 65 (n,n') Level Legendre Coefficients 80-Hg-198

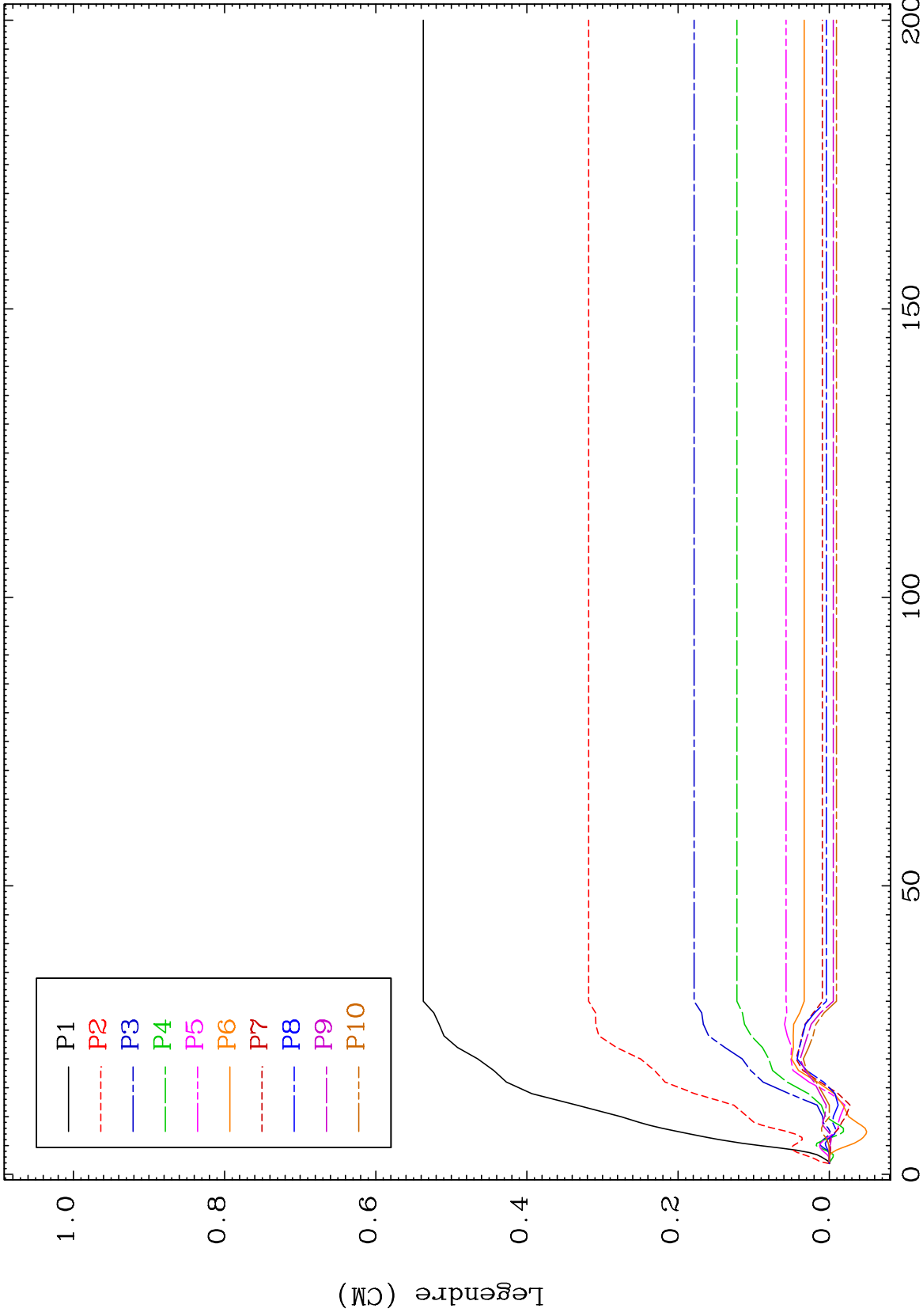


74 80-Hg-198

MAT 8031

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

80-Hg-198



75

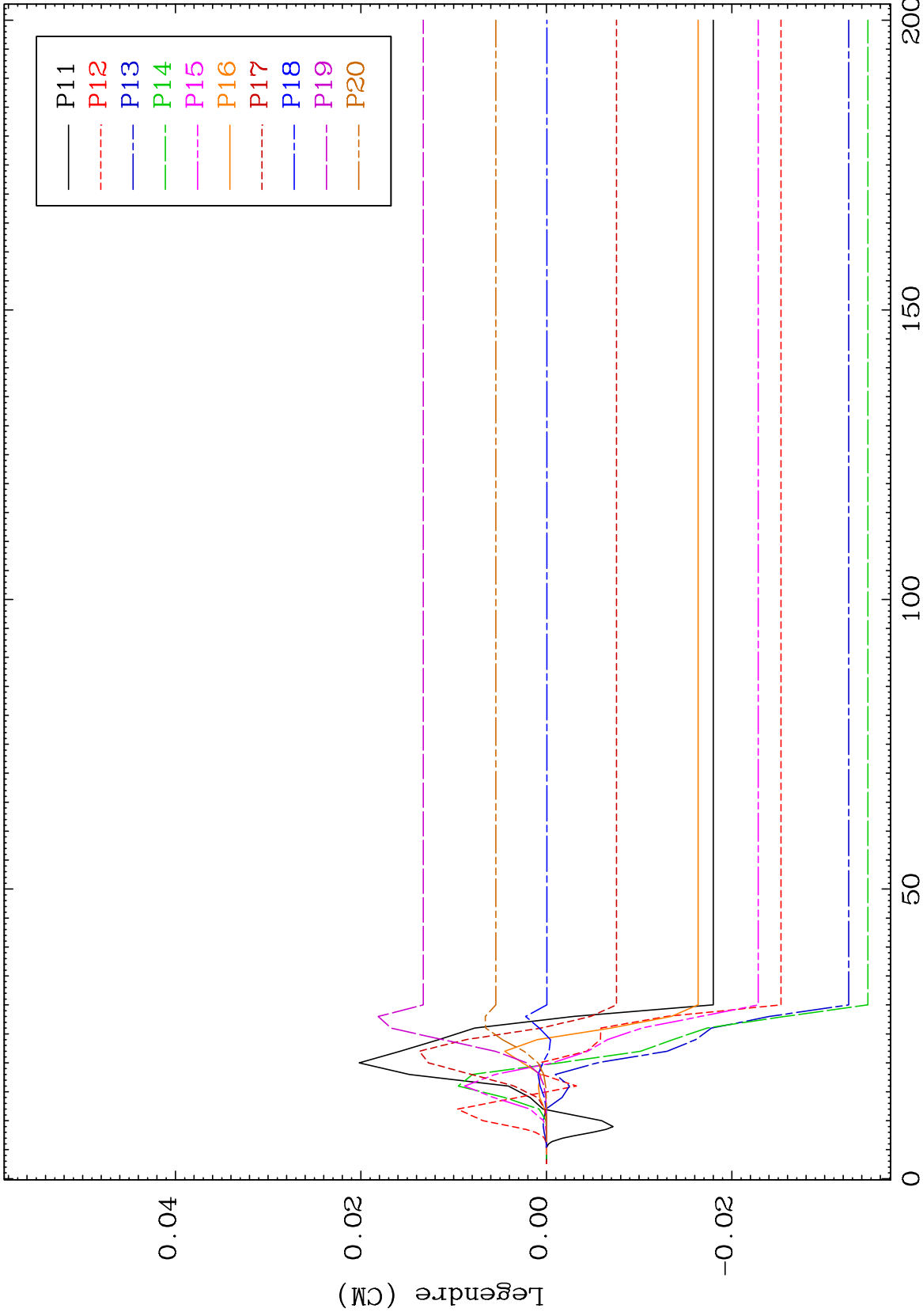
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



76

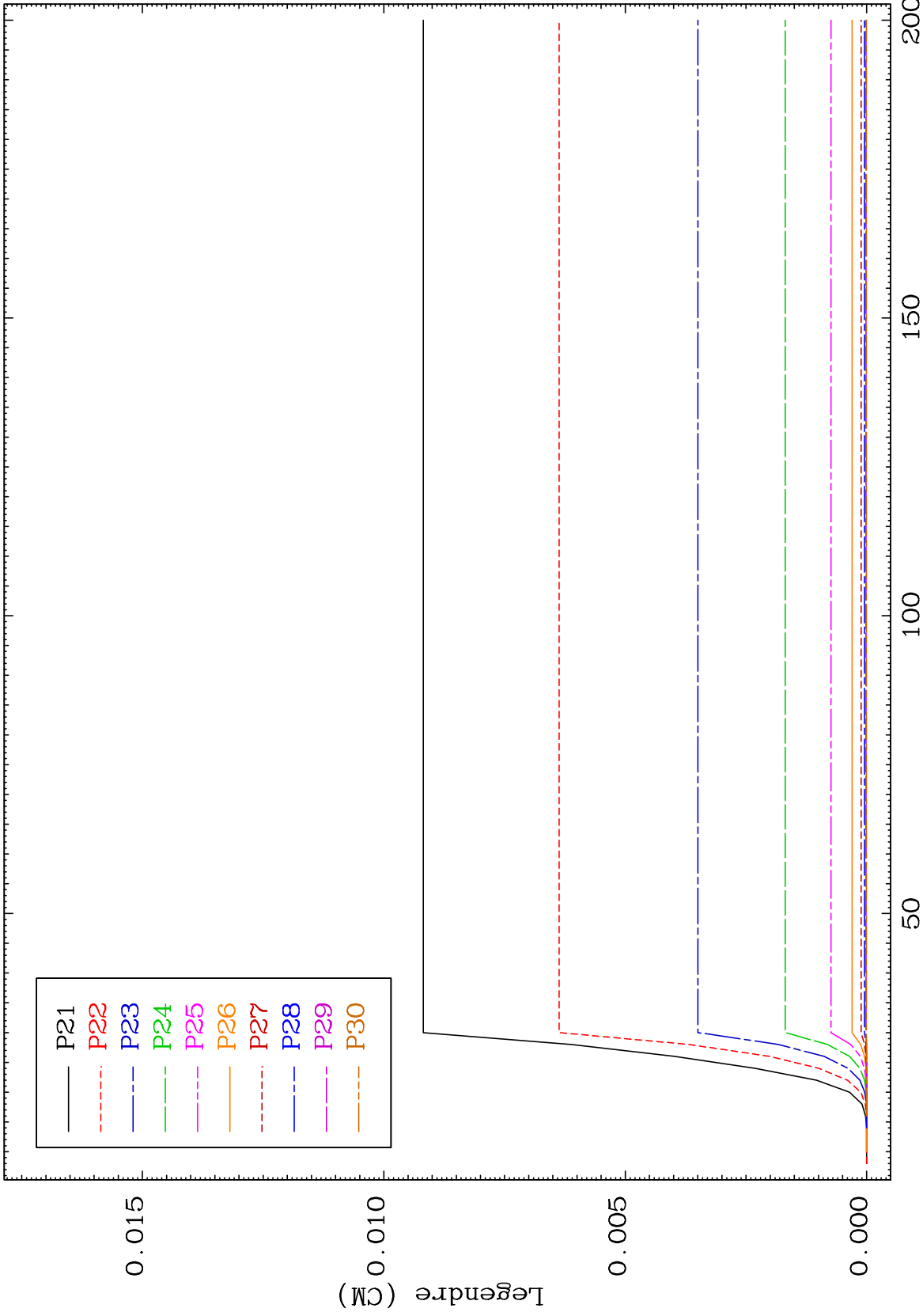
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



77

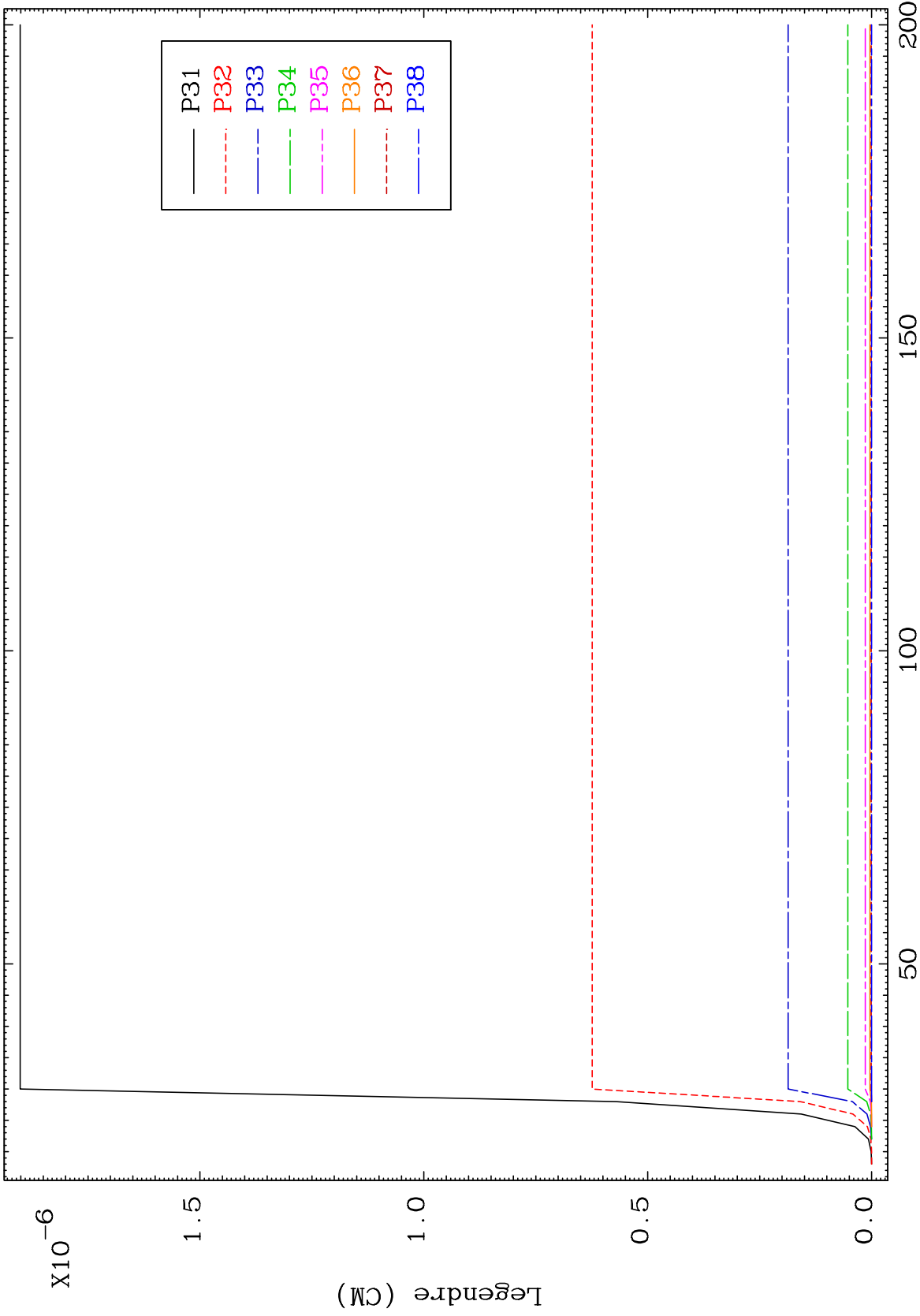
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



78

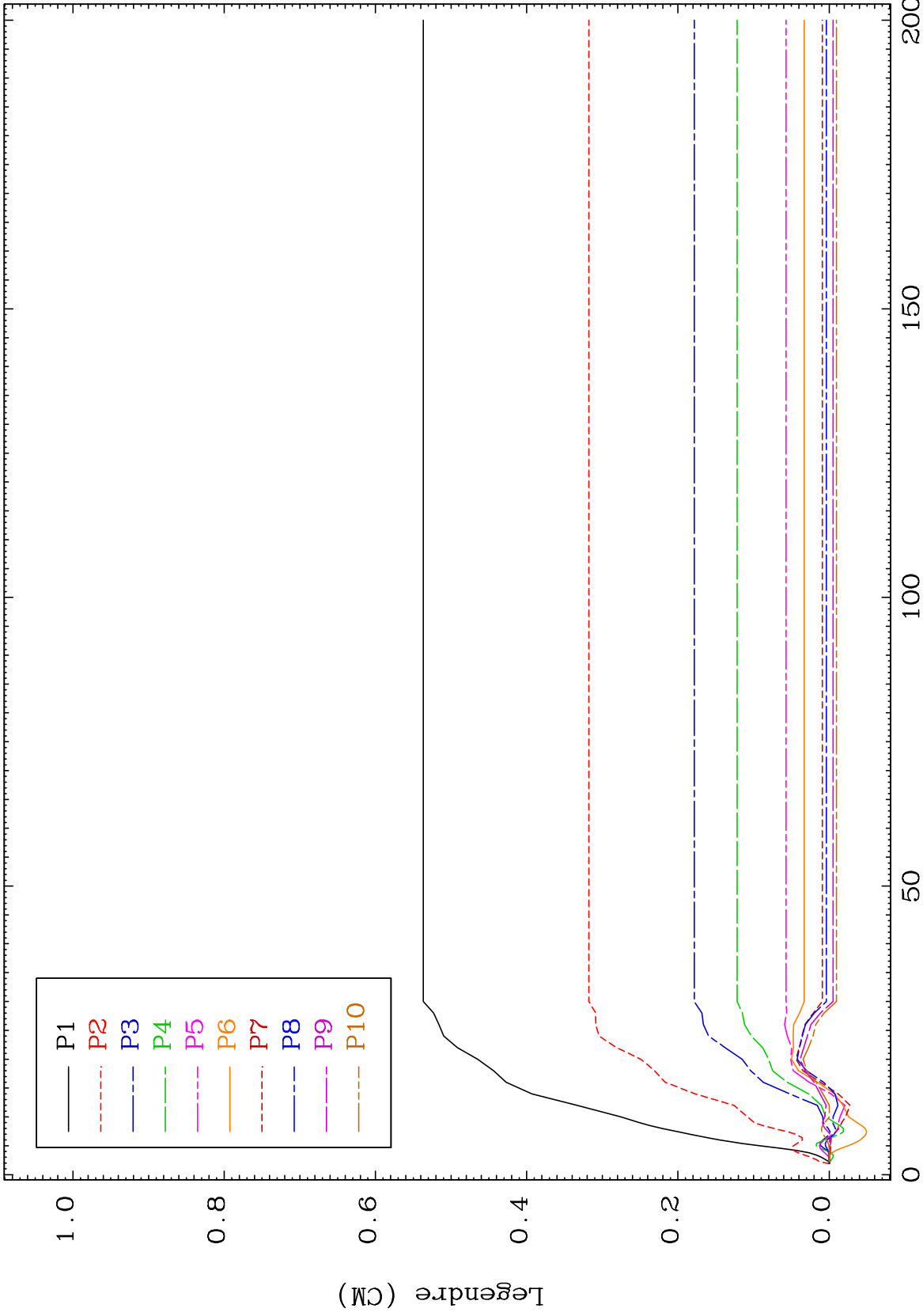
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



79

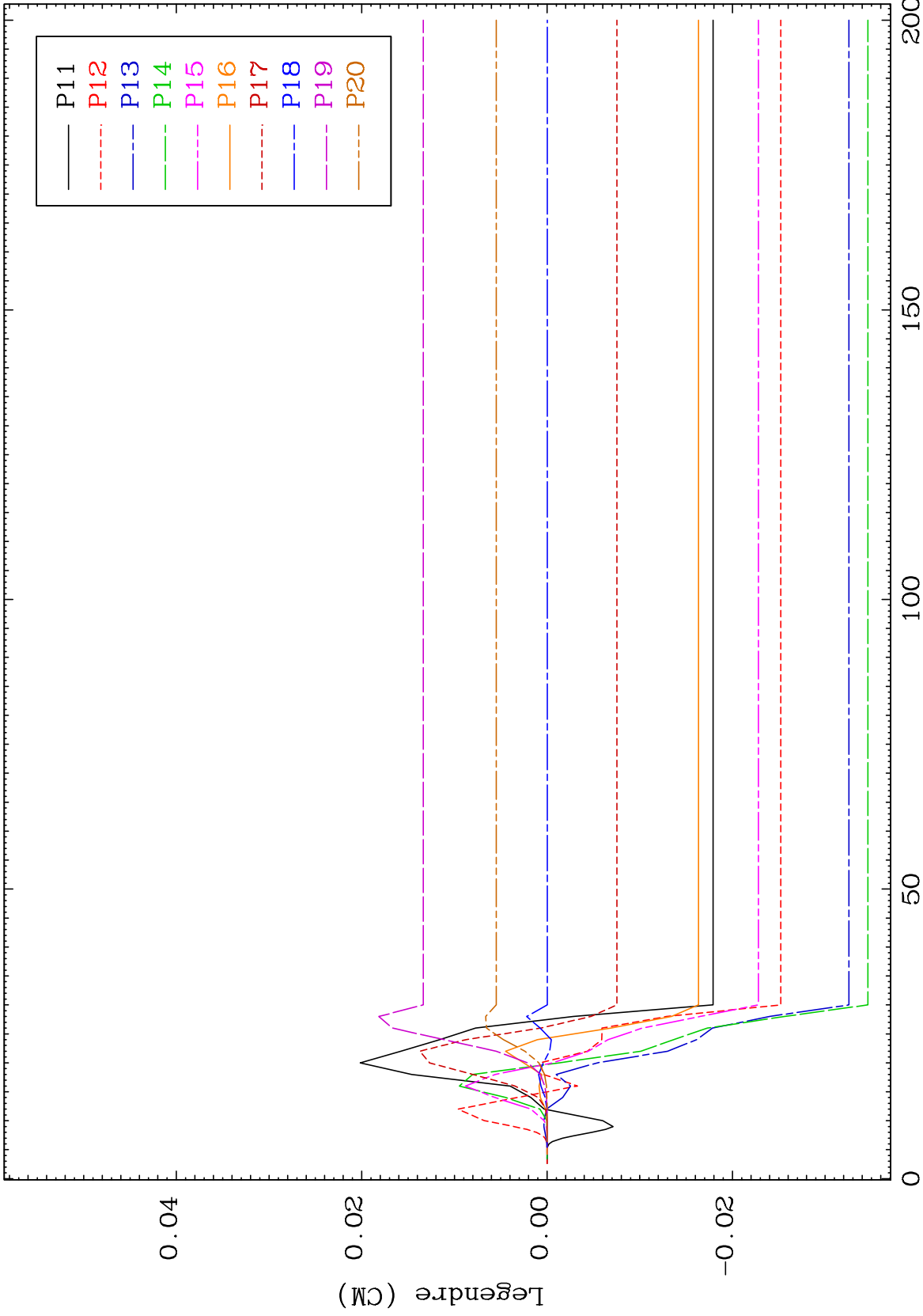
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



80

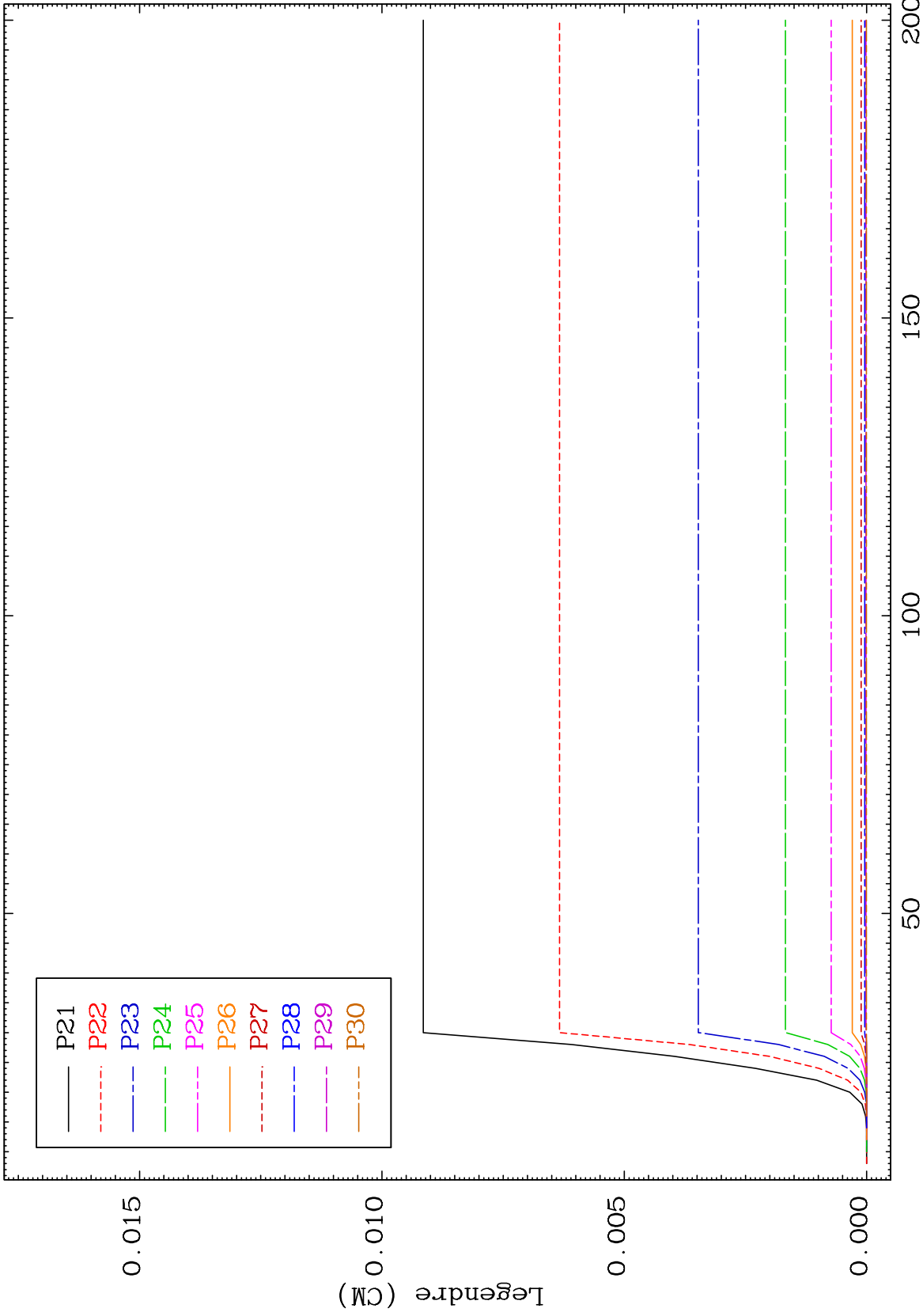
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



81

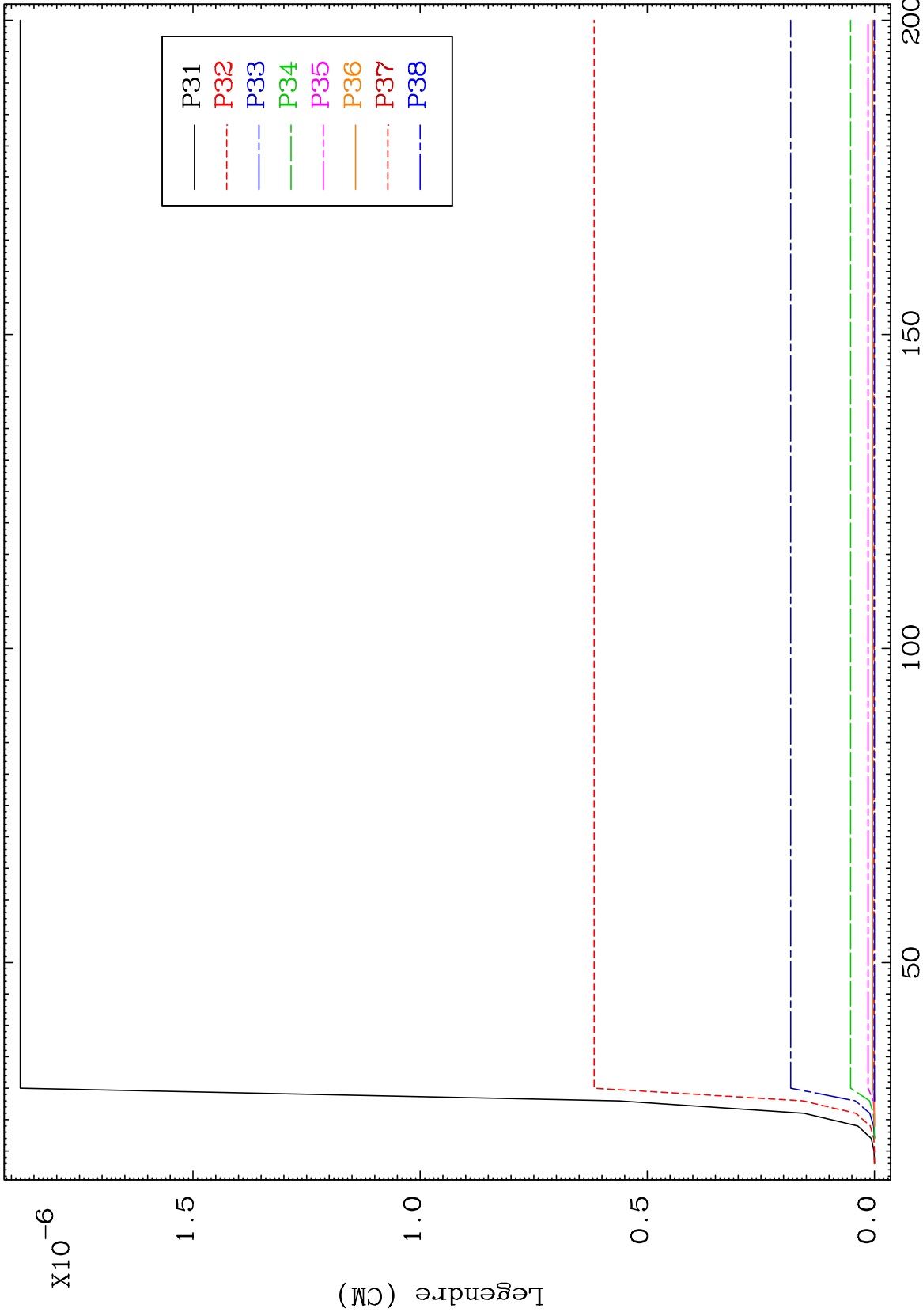
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



82

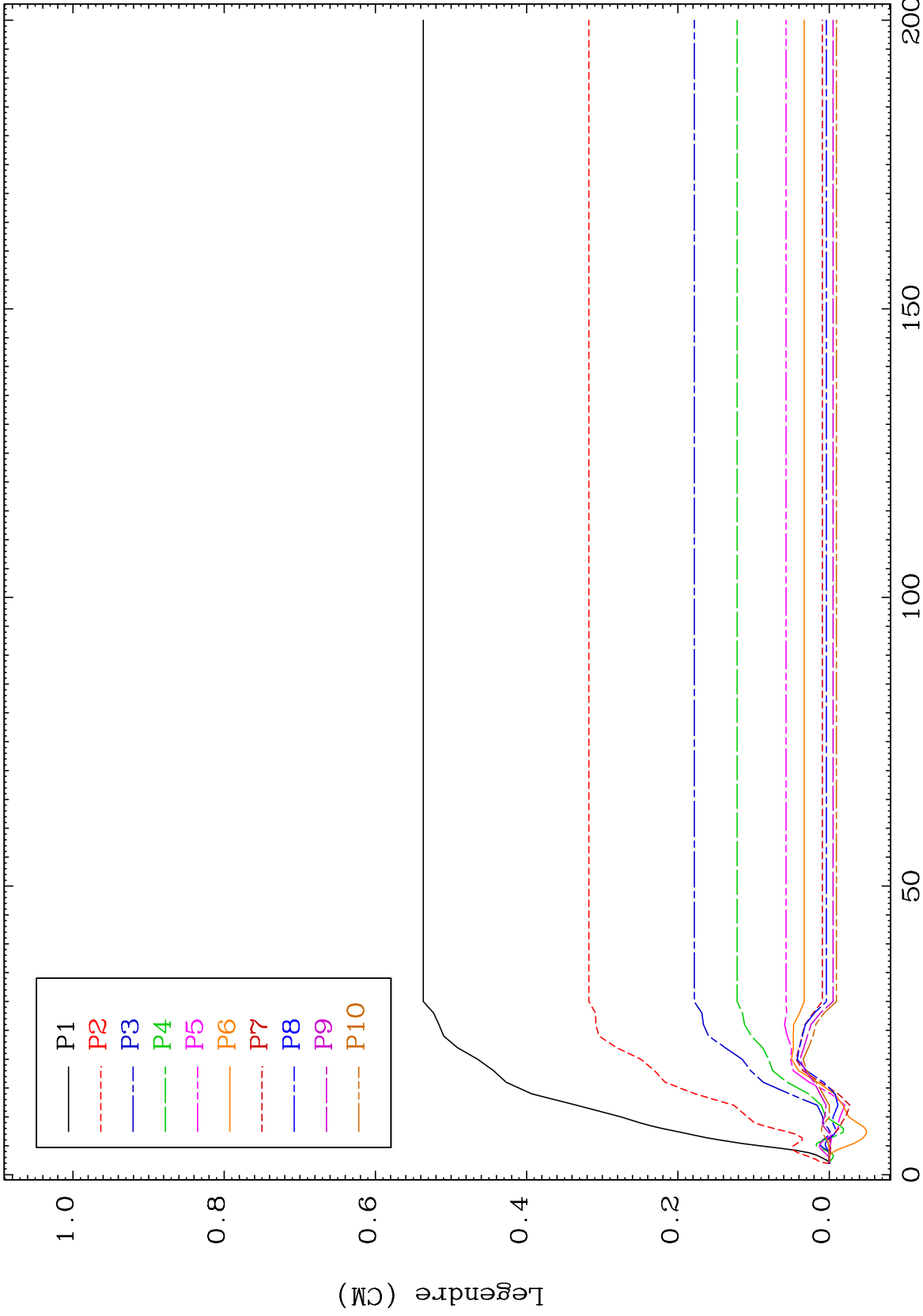
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



83

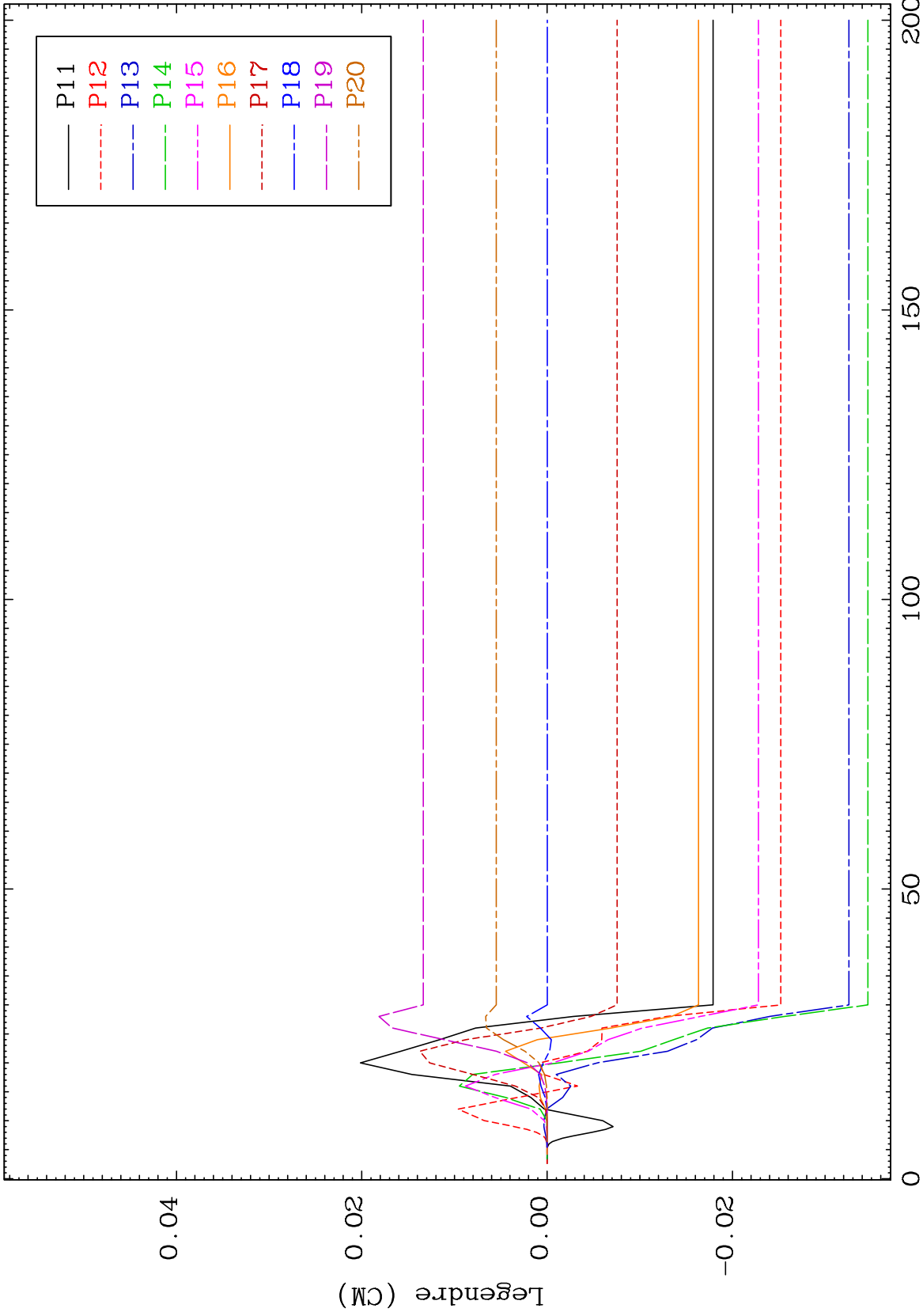
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



84

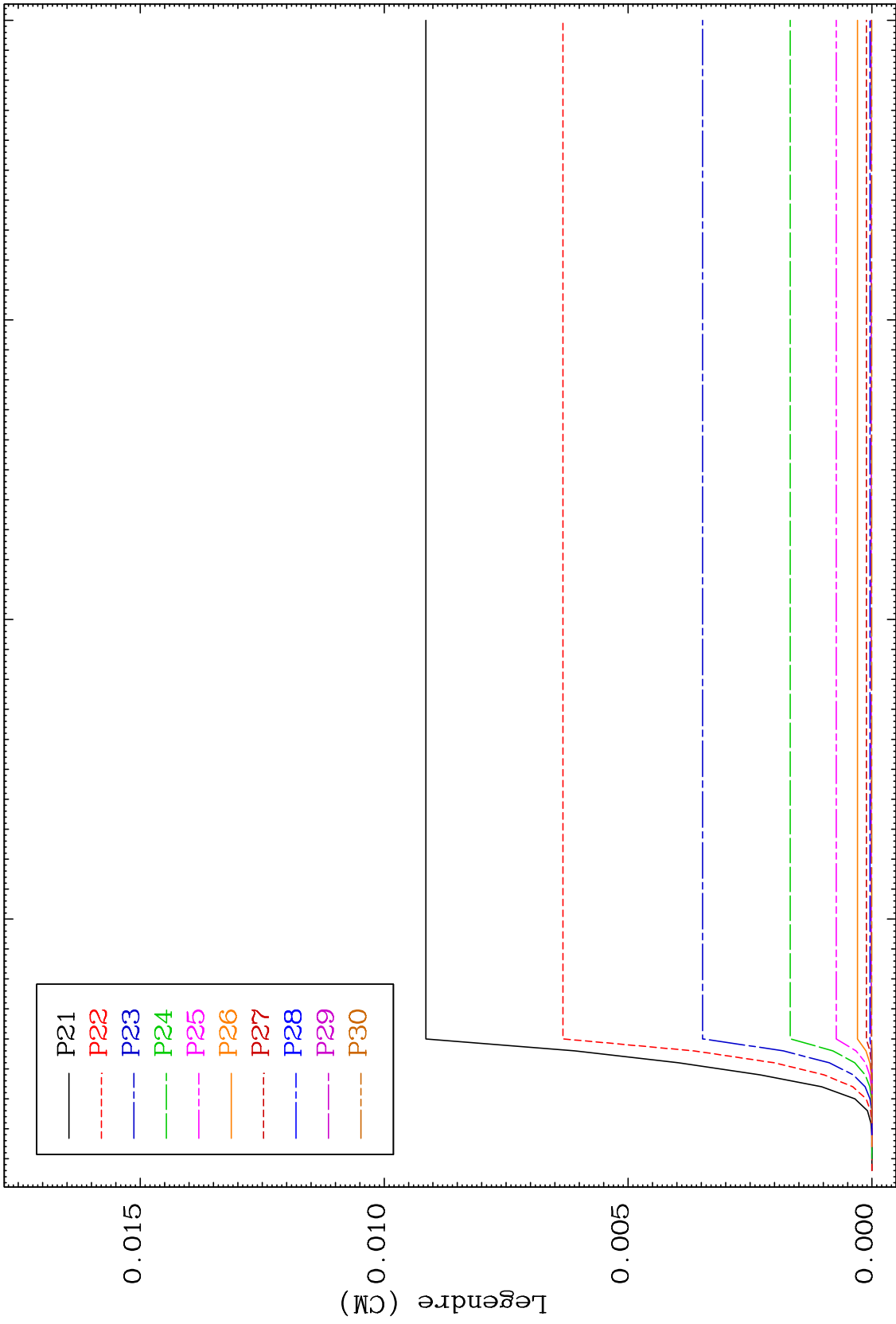
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



85

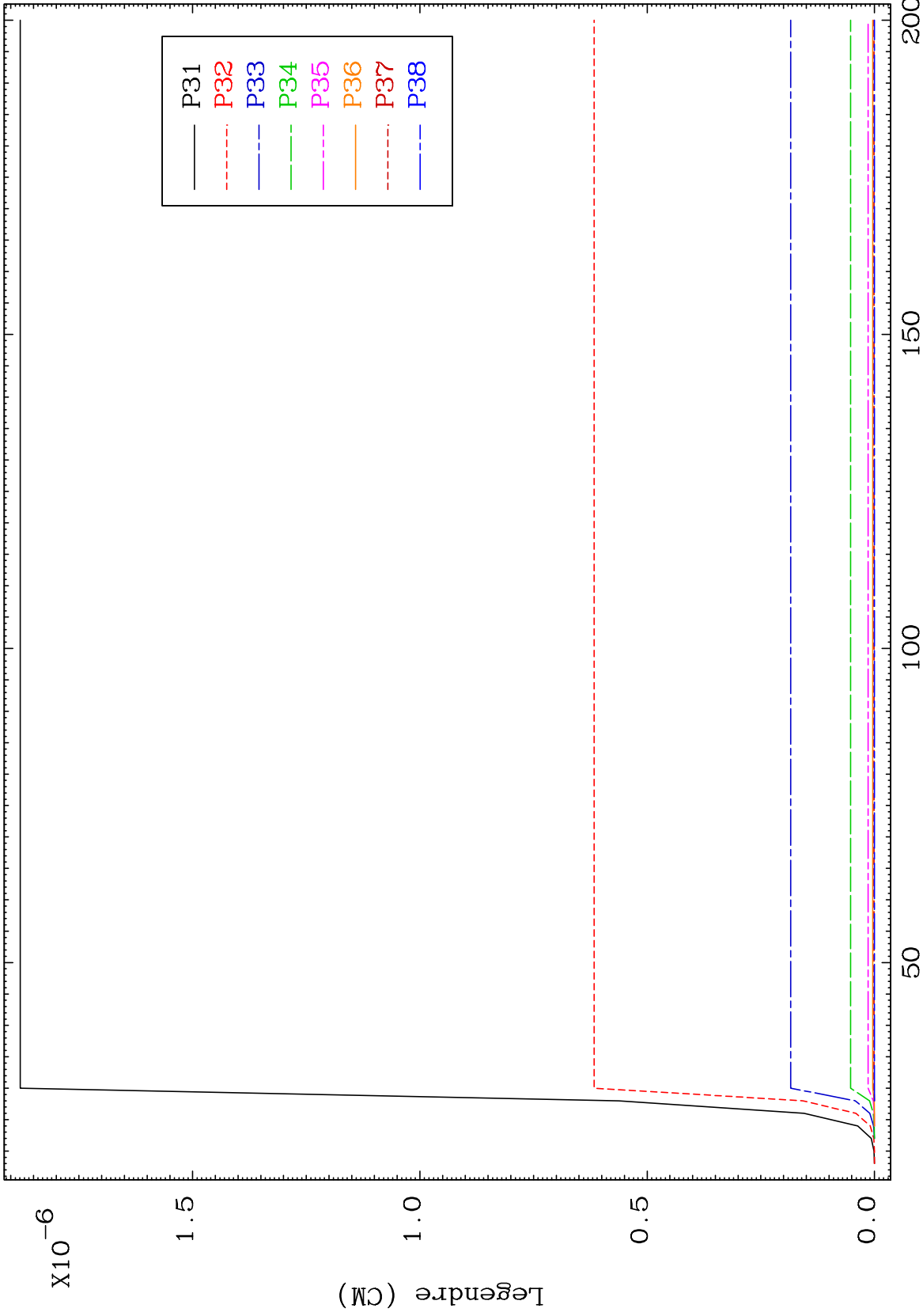
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

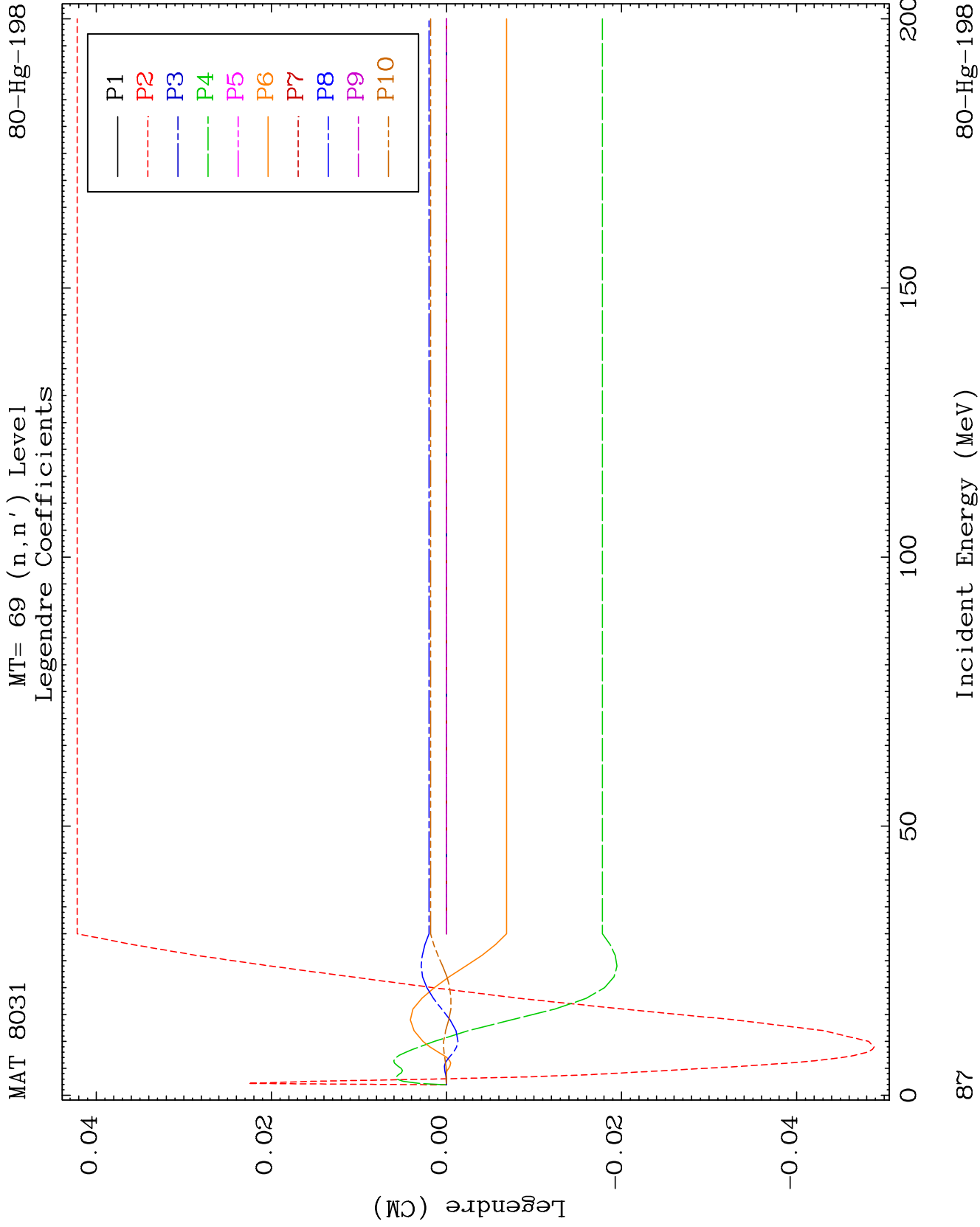
80-Hg-198



86

Incident Energy (MeV)

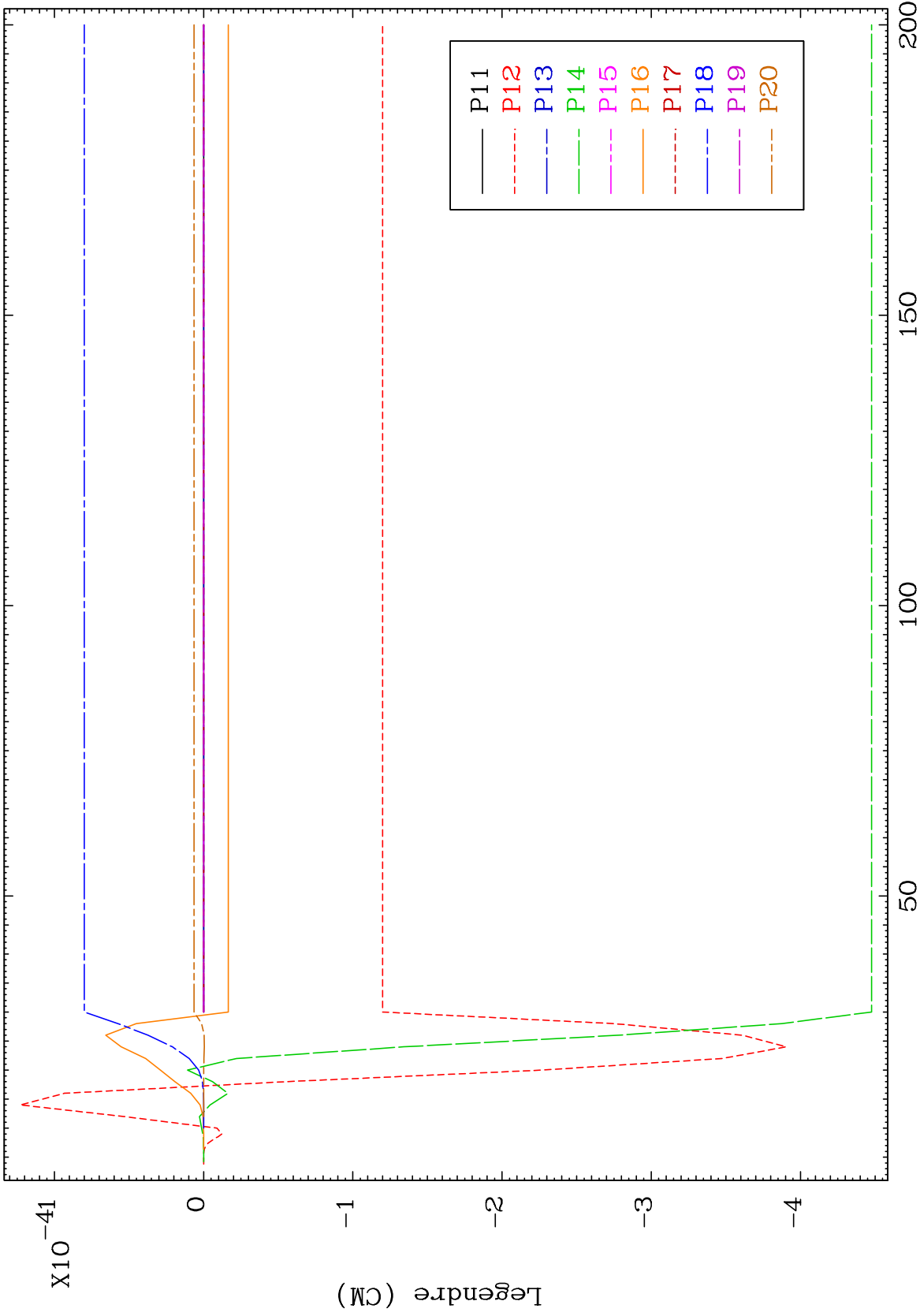
80-Hg-198



MAT 8031

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

80-Hg-198



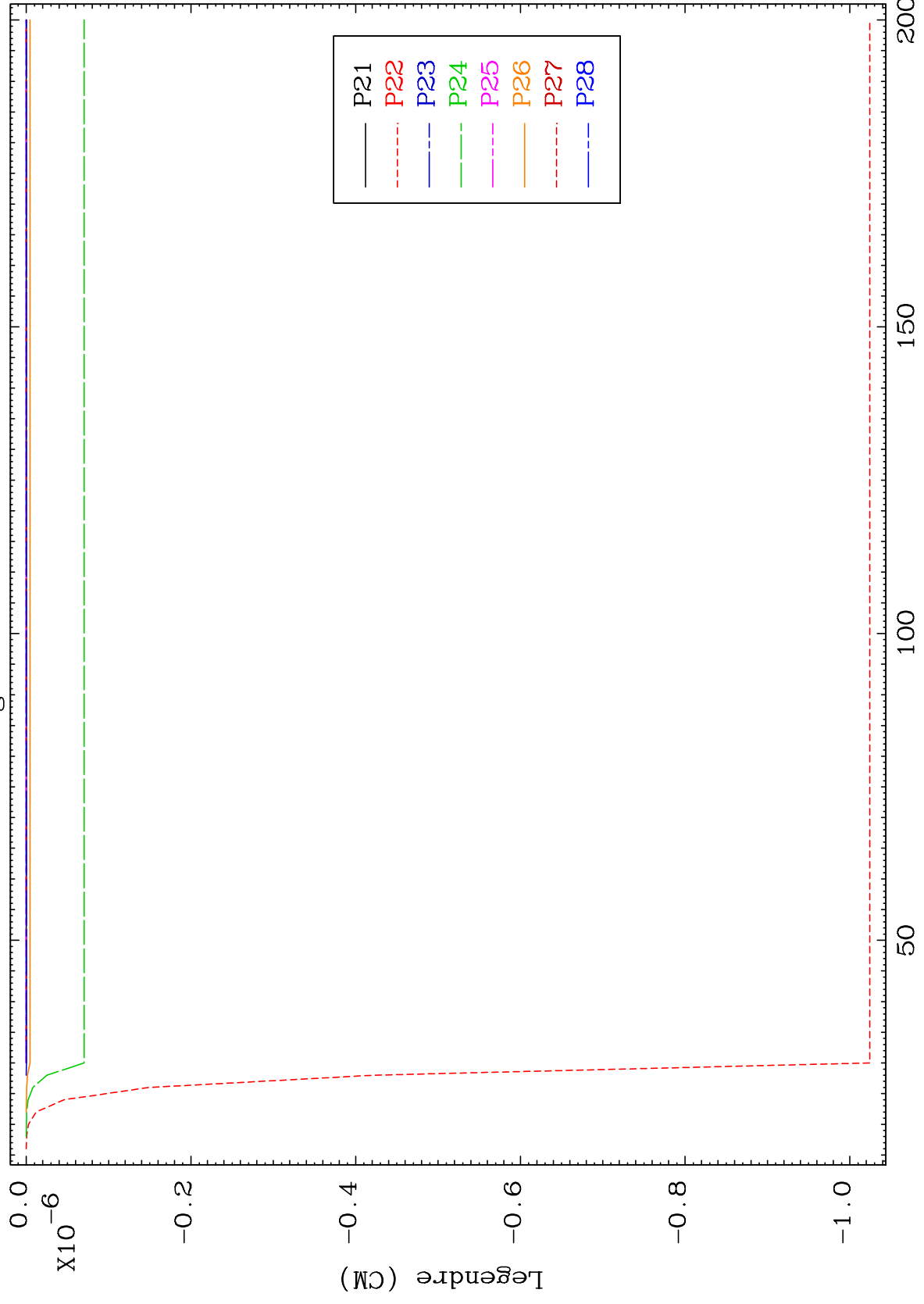
88

80-Hg-198

MAT 8031

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

80-Hg-198



80-Hg-198

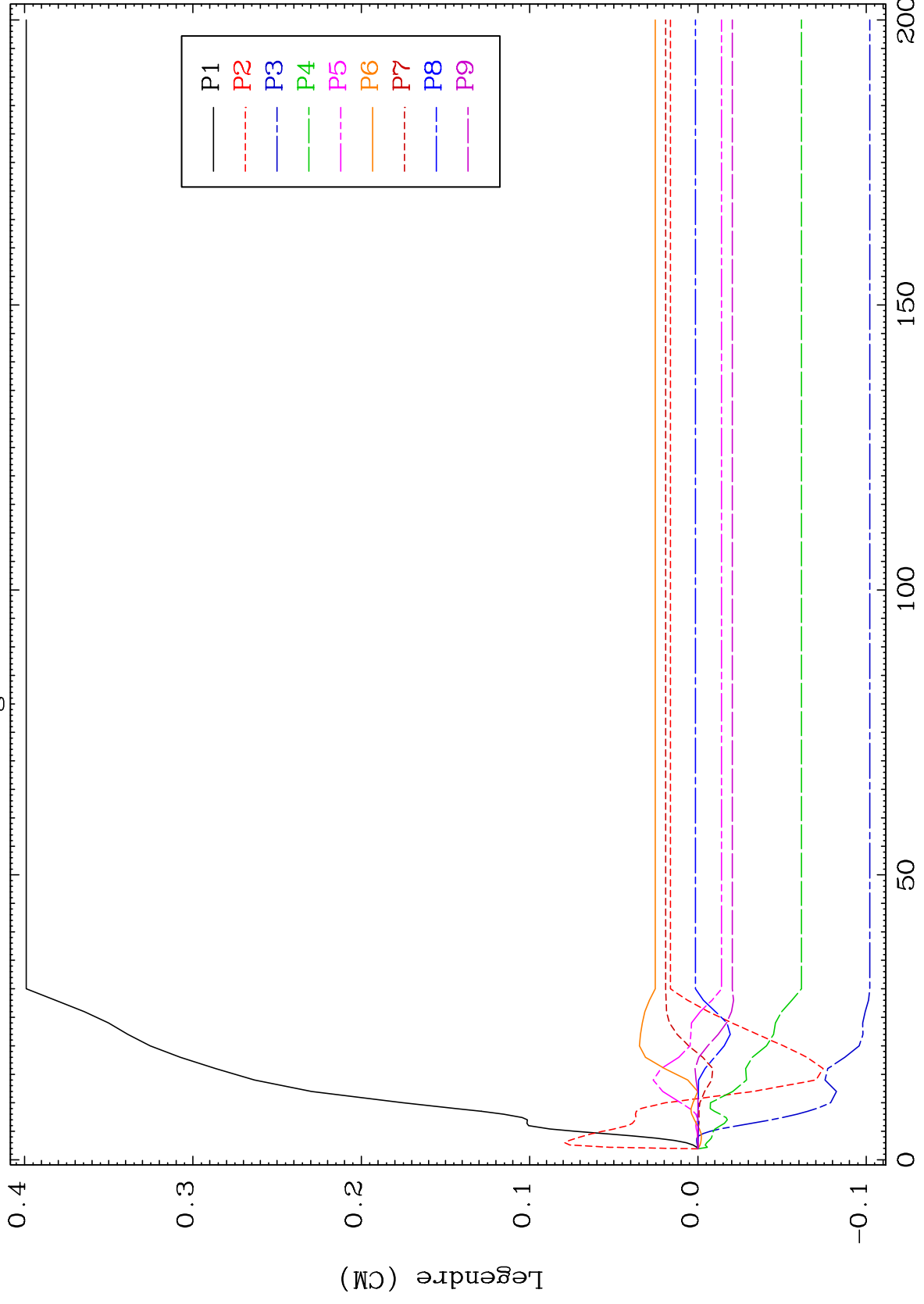
Incident Energy (MeV)

89

MAT 8031 MT= 70 (n,n') Level Legendre Coefficients

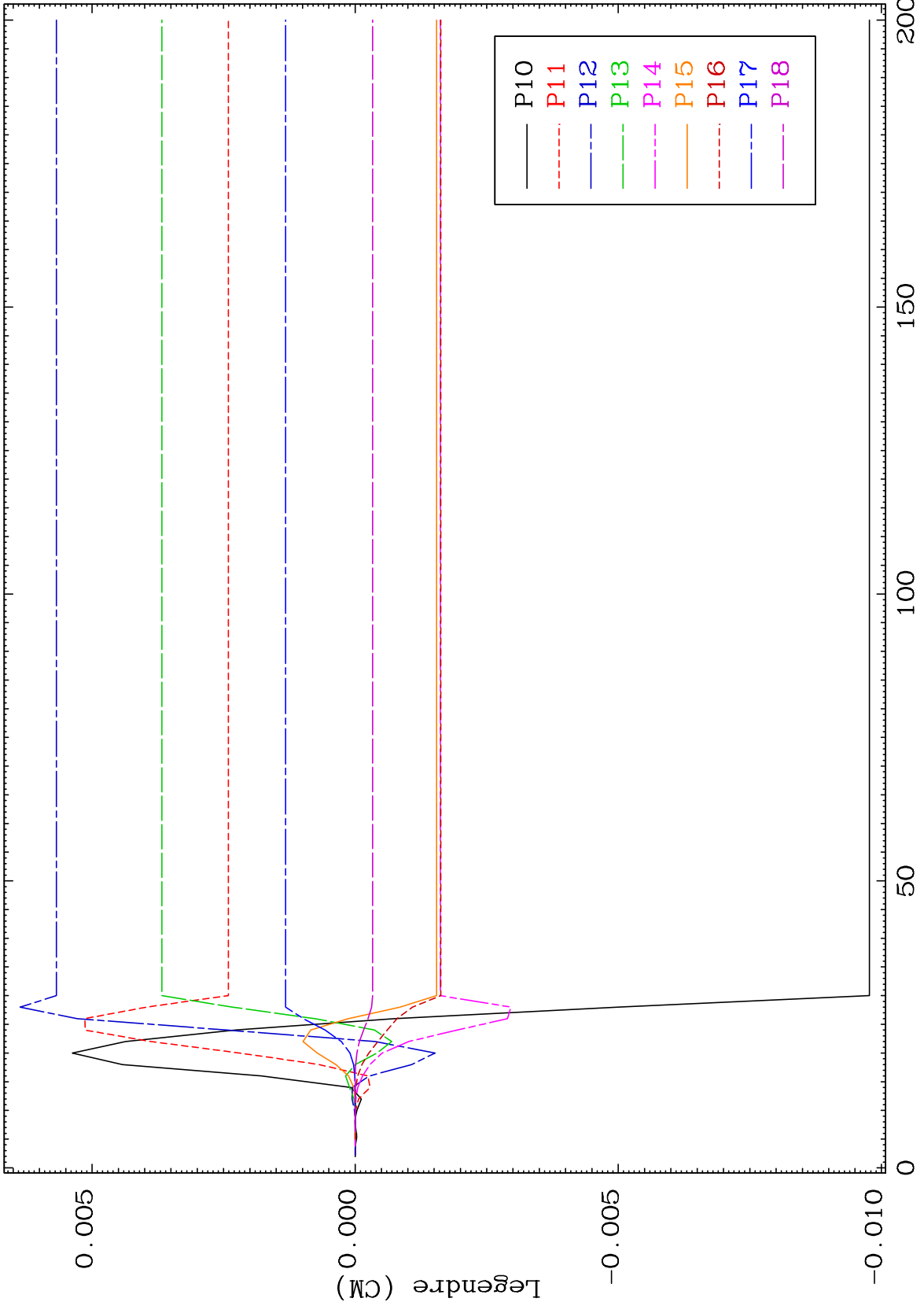
80-Hg-198

80-Hg-198



90

MAT 8031 MT= 70 (n,n') Level Legendre Coefficients 80-Hg-198

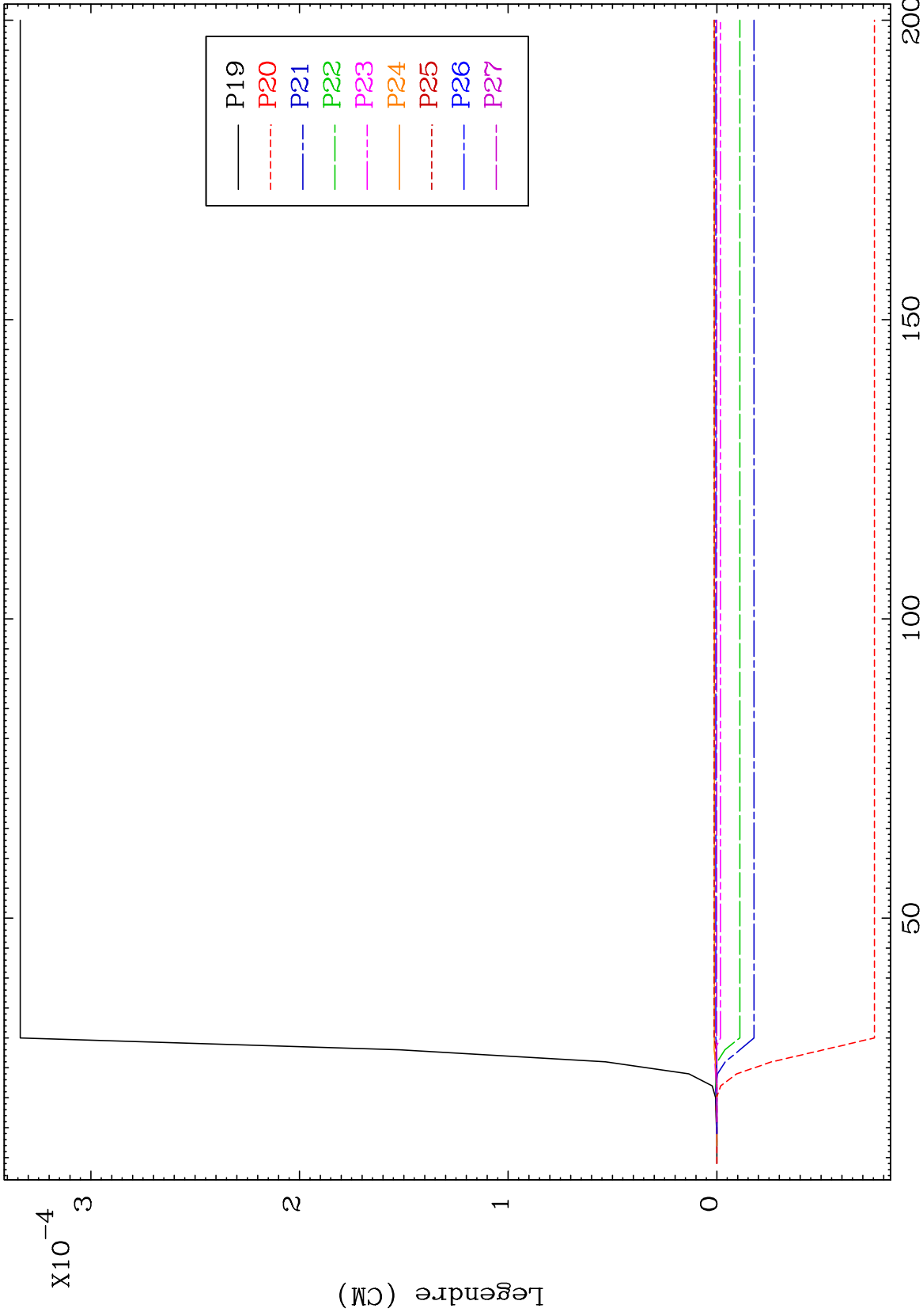


91 80-Hg-198

MAT 8031

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

80-Hg-198

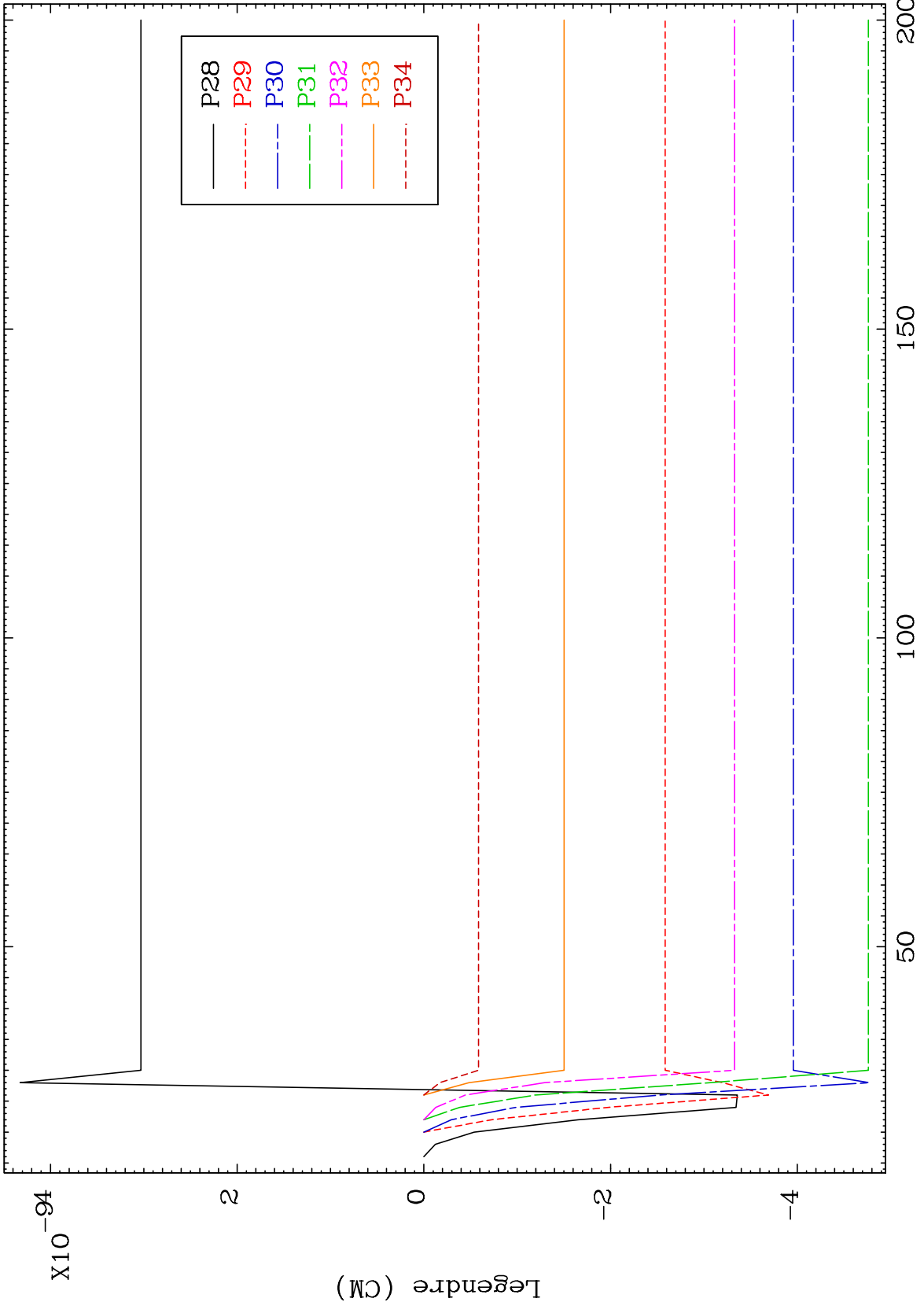


92

Incident Energy (MeV)

80-Hg-198

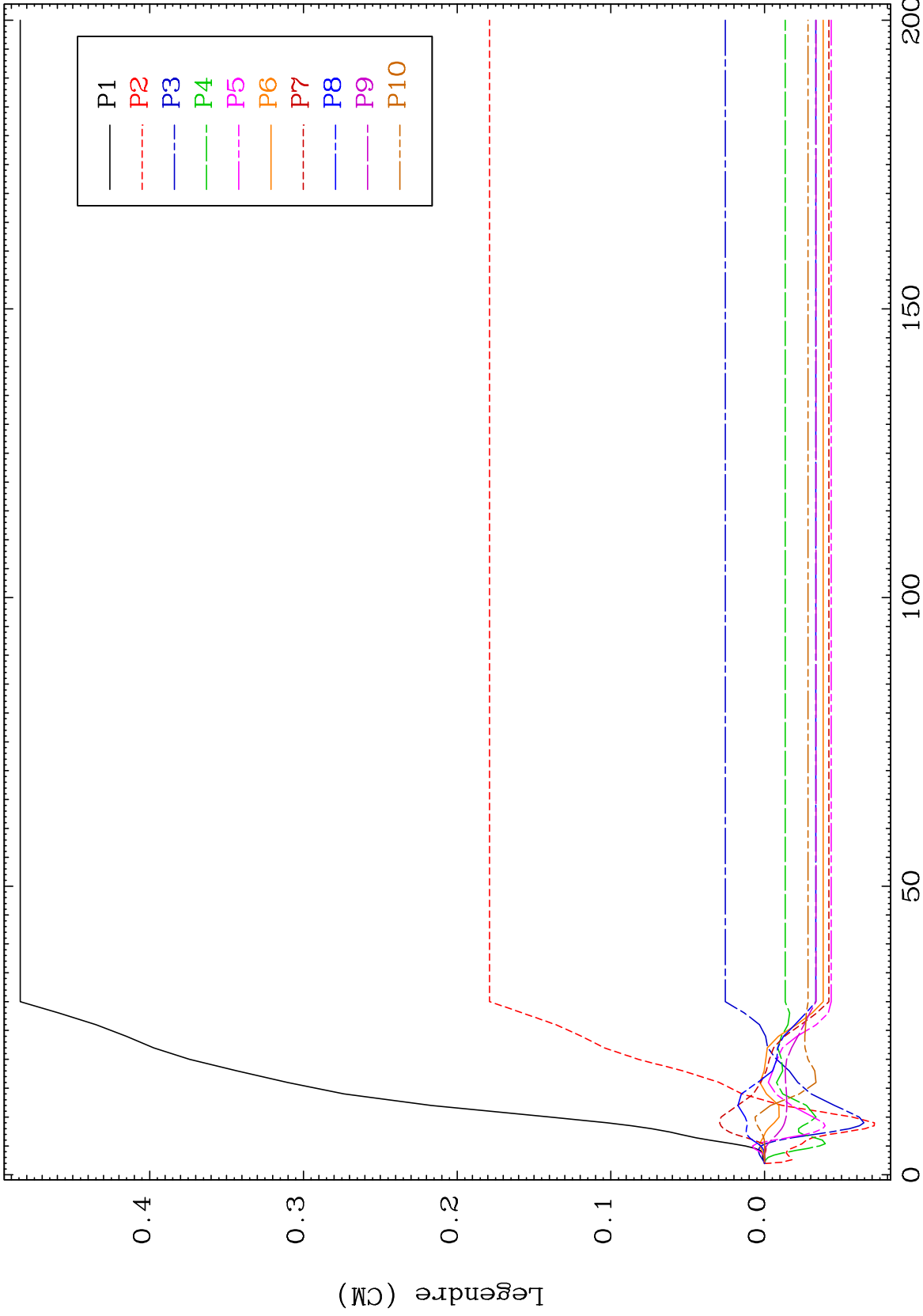
MAT 8031 MT= 70 (n,n') Level Legendre Coefficients 80-Hg-198



MAT 8031

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

80-Hg-198



94

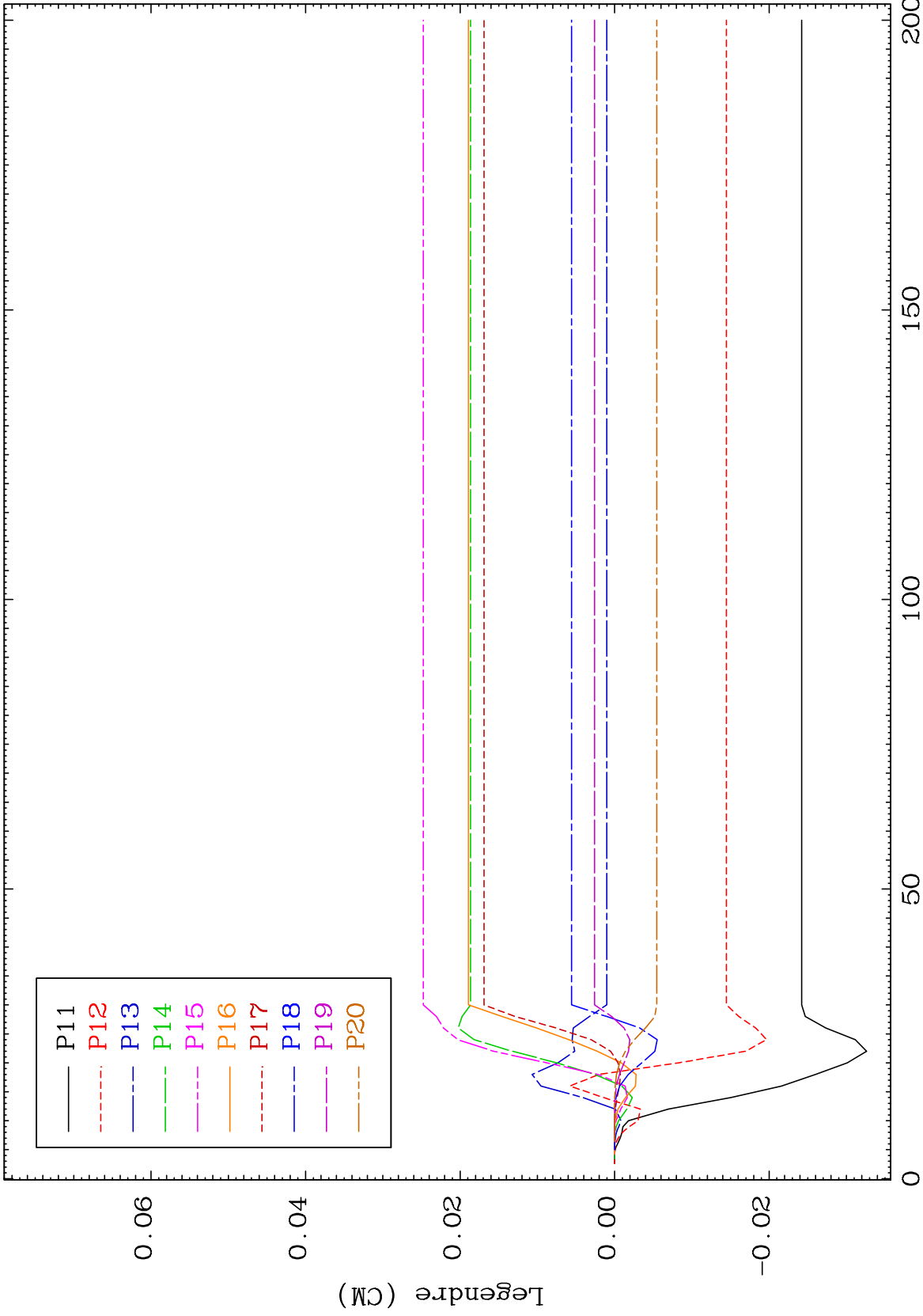
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

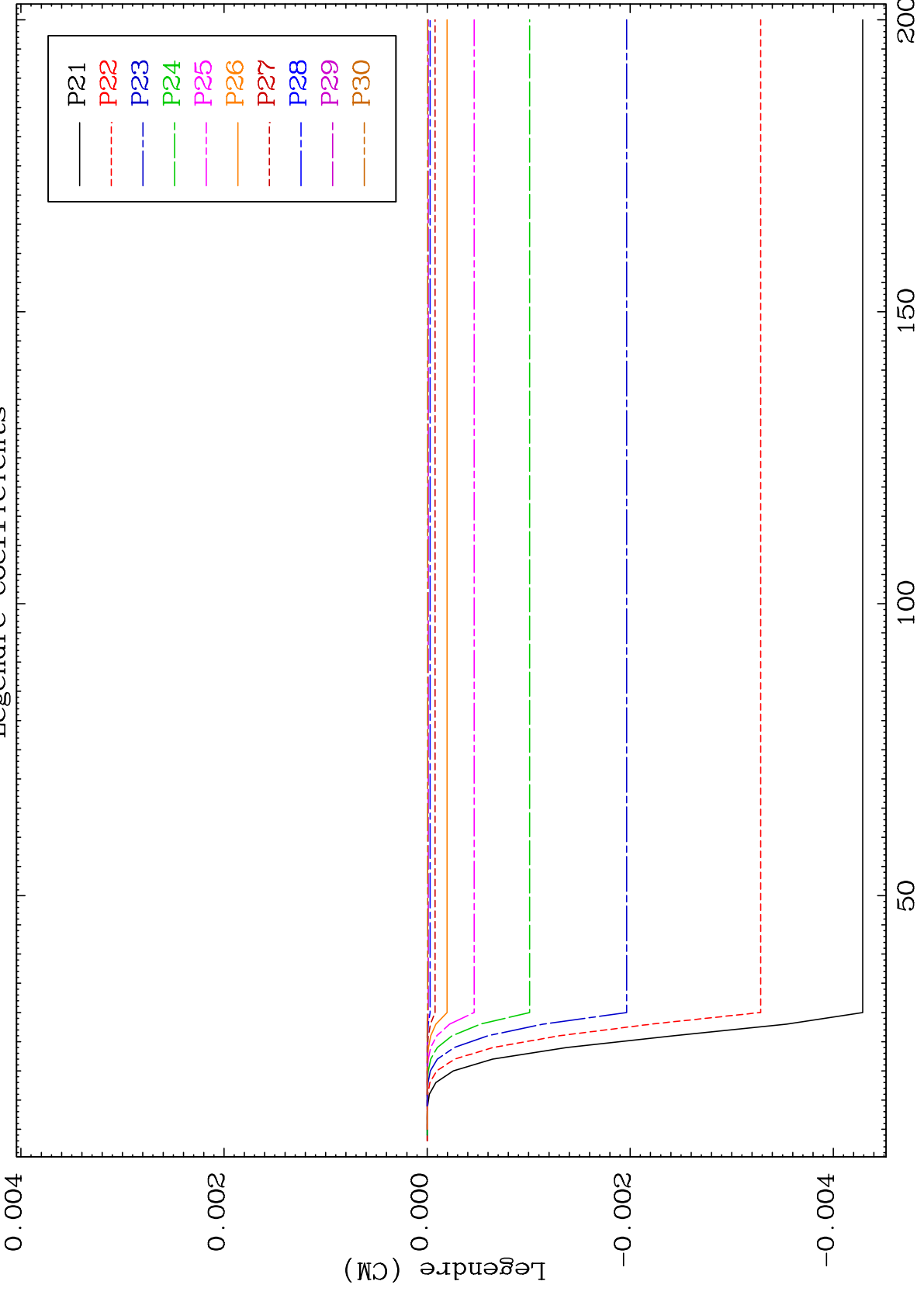


95

Incident Energy (MeV)

80-Hg-198

MAT 8031 MT= 71 (n,n') Level Legendre Coefficients 80-Hg-198

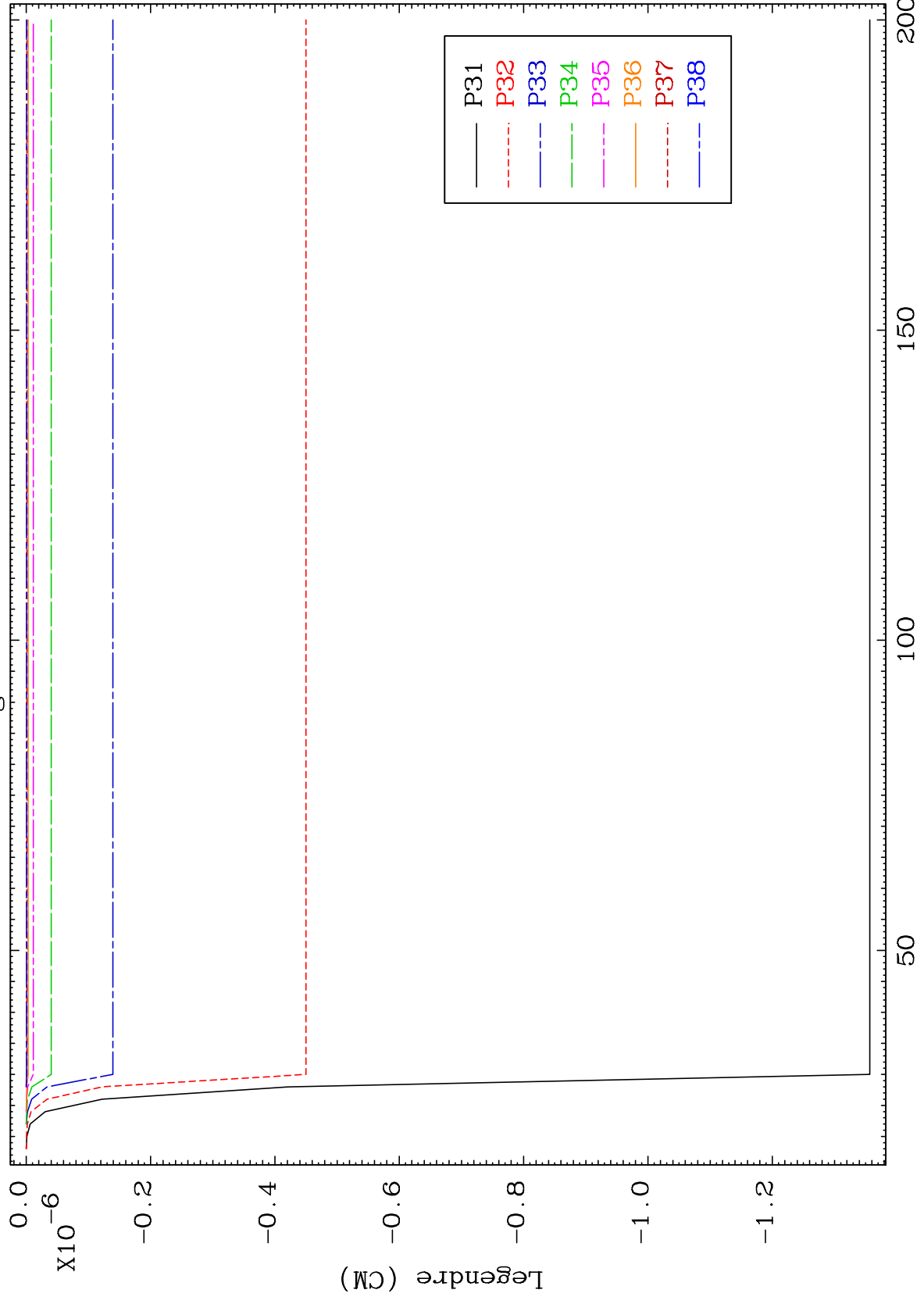


96 80-Hg-198

MAT 8031

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

80-Hg-198



80-Hg-198

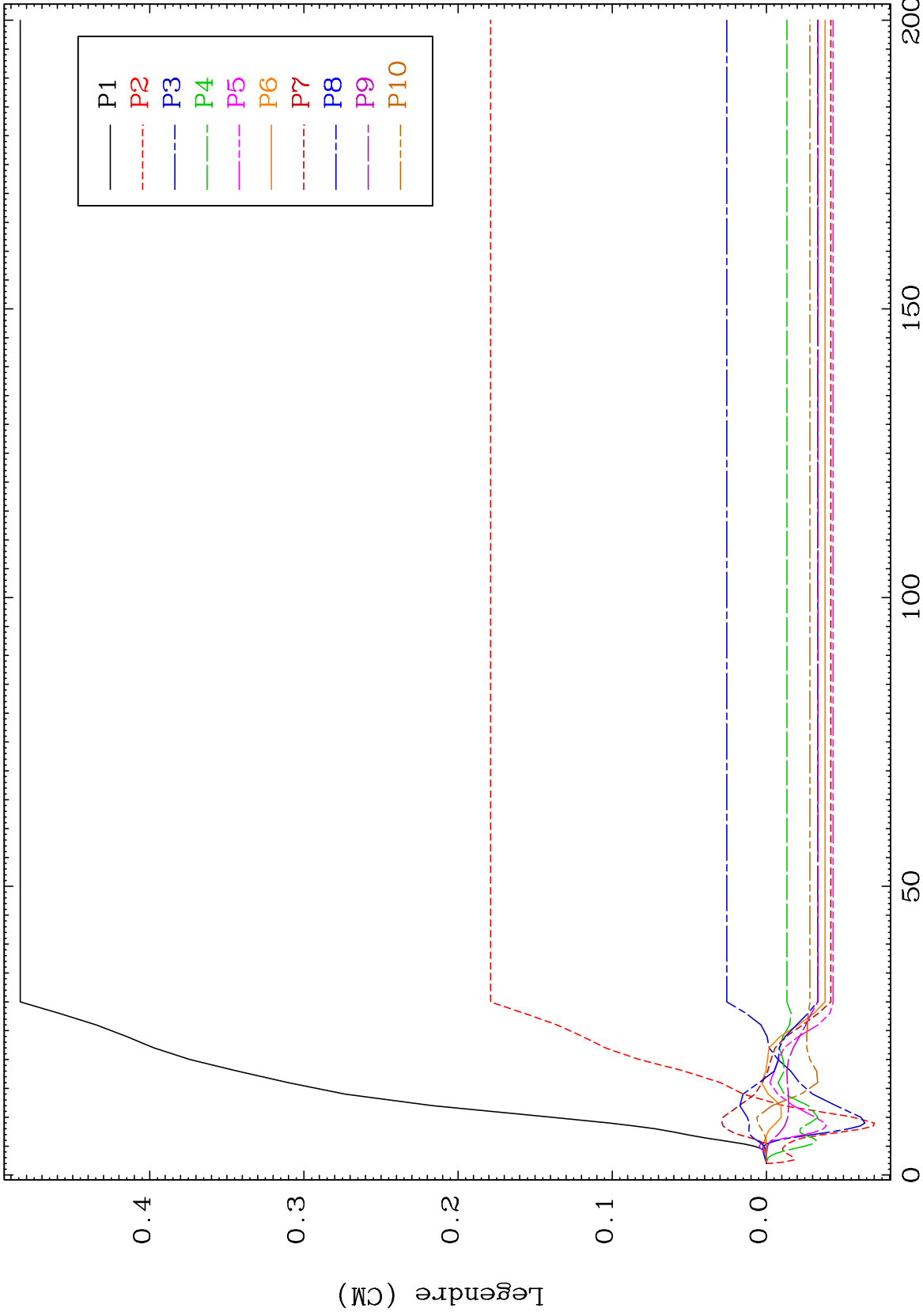
Incident Energy (MeV)

97

MAT 8031

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

80-Hg-198



98

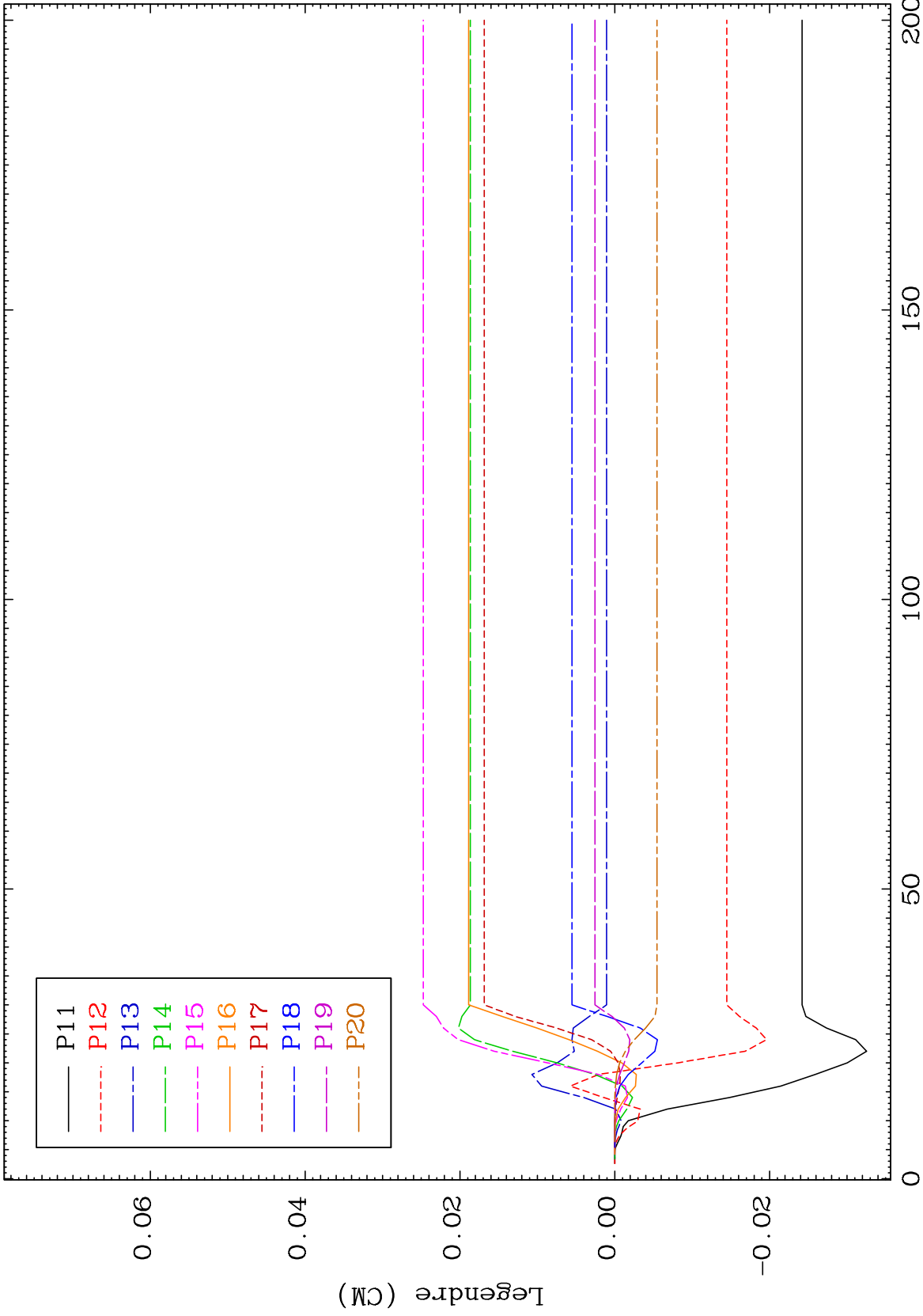
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

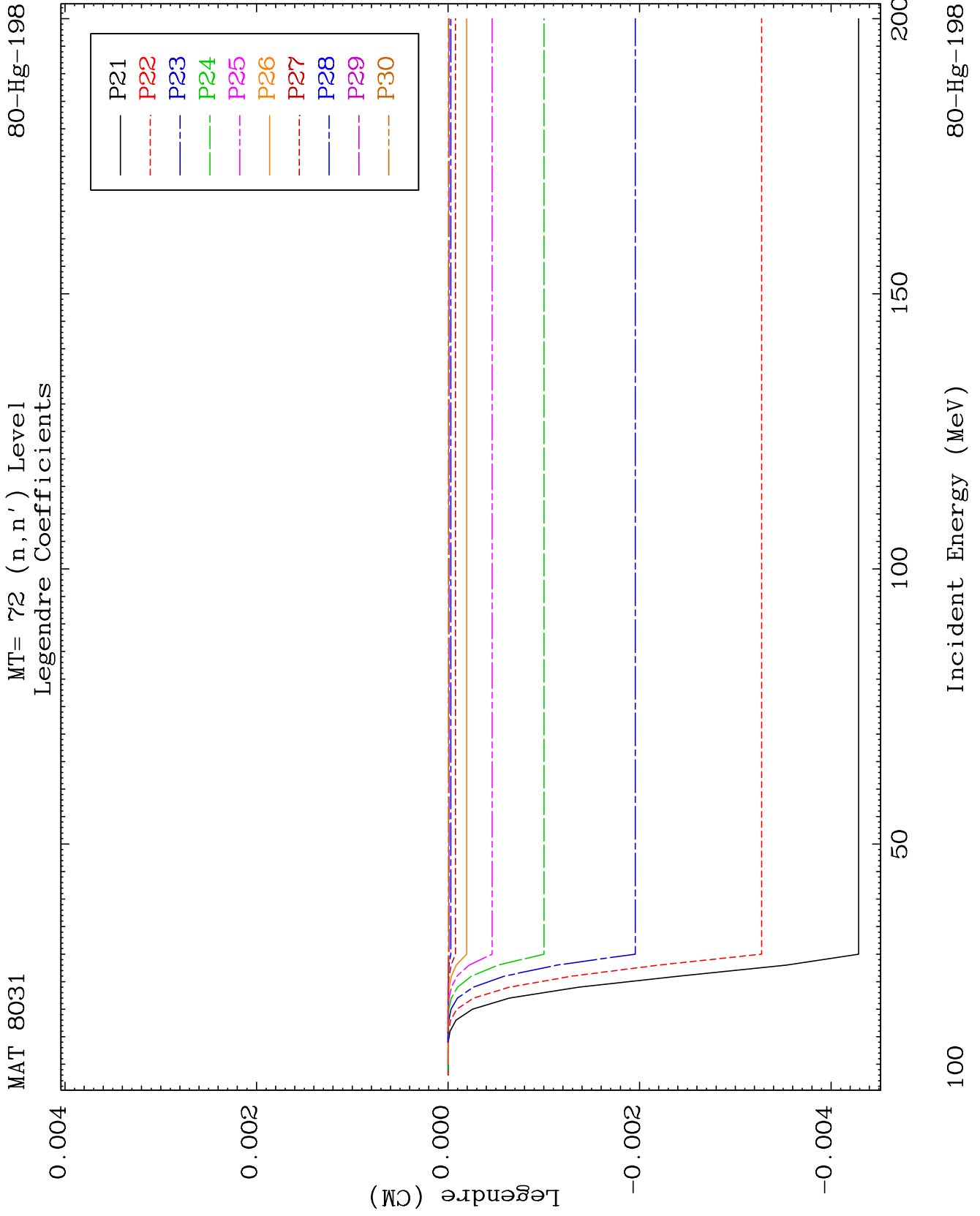
80-Hg-198



99

Incident Energy (MeV)

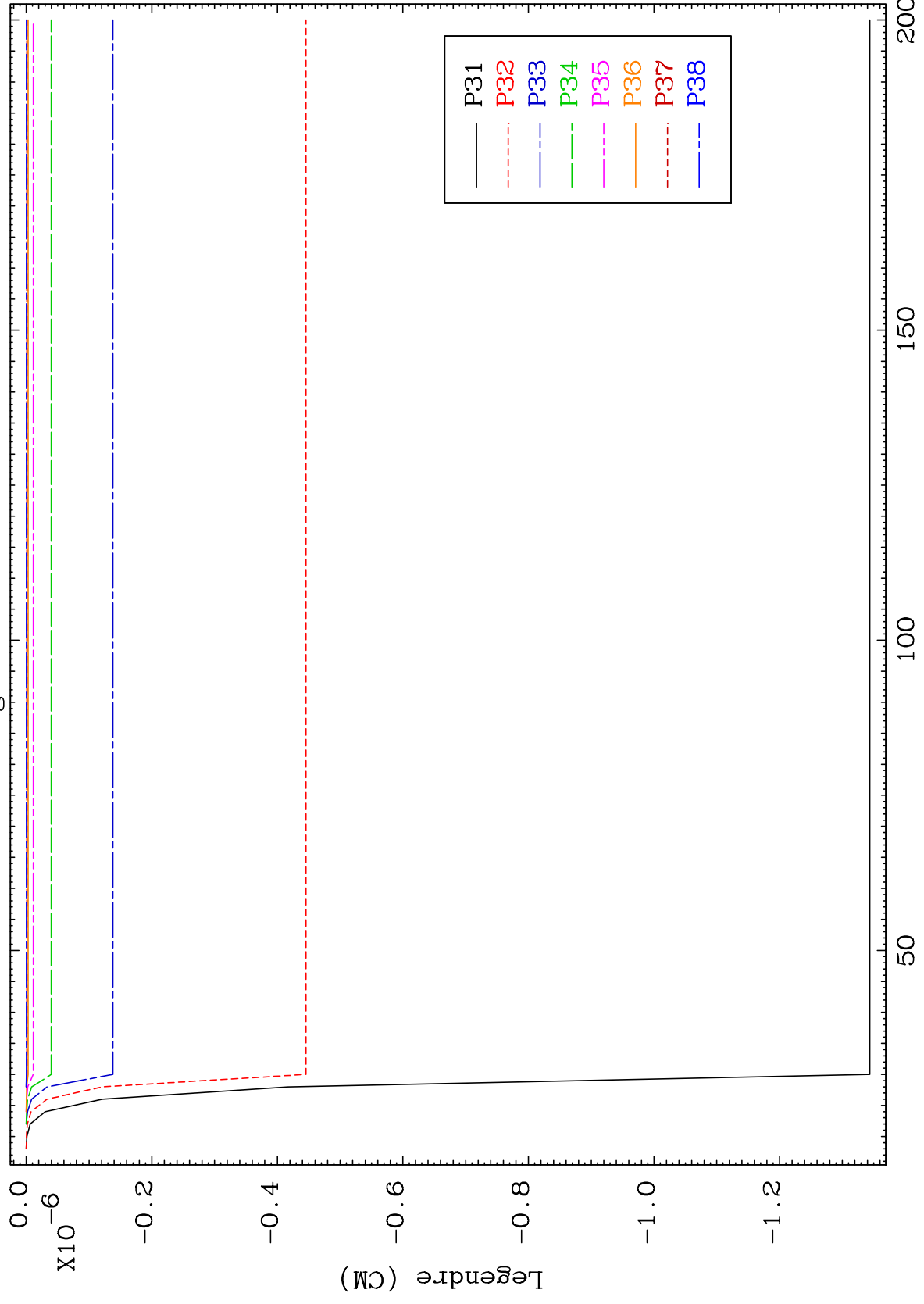
80-Hg-198



MAT 8031

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

80-Hg-198

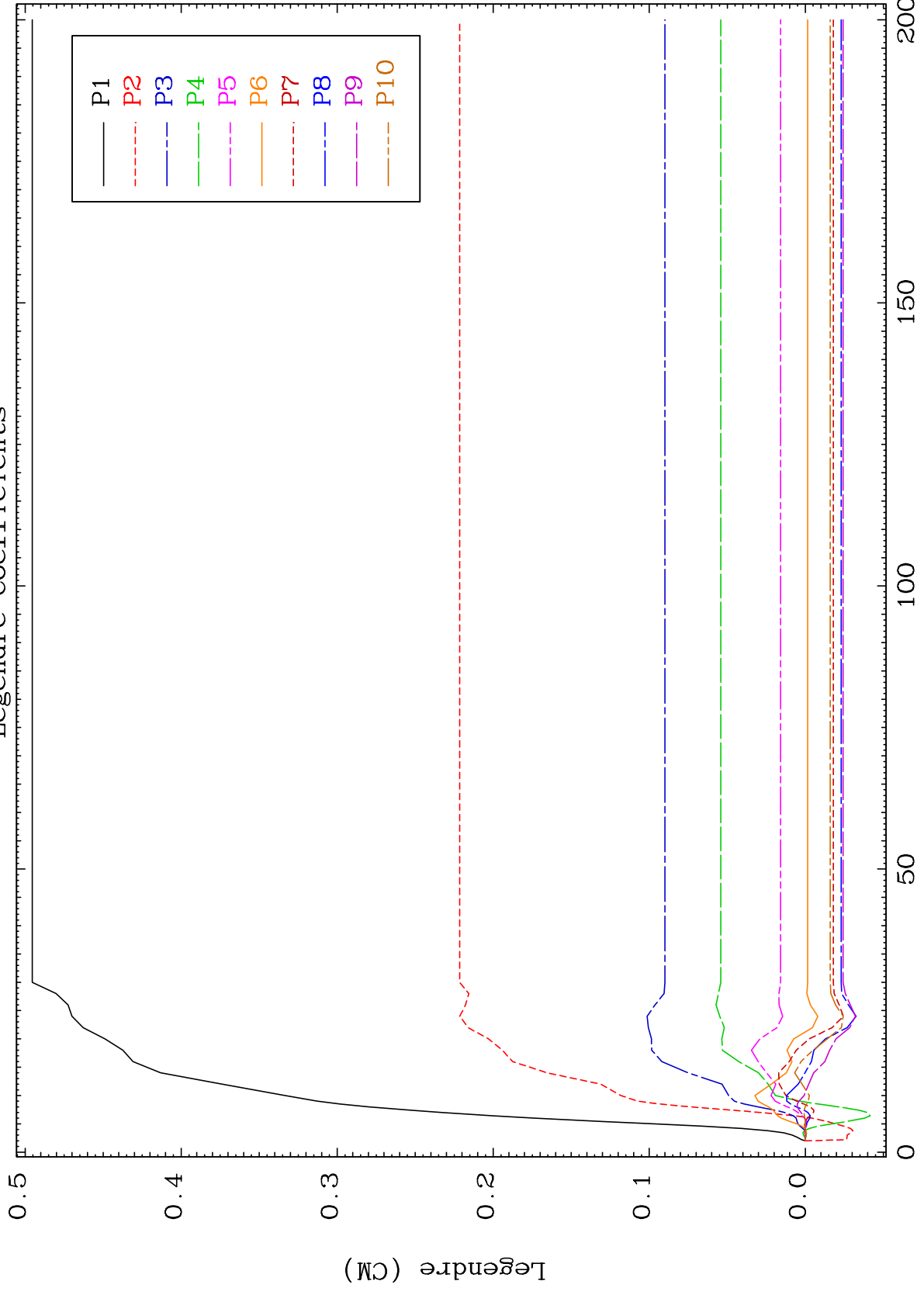


80-Hg-198

Incident Energy (MeV)

101

MAT 8031 MT= 73 (n,n') Level Legendre Coefficients 80-Hg-198

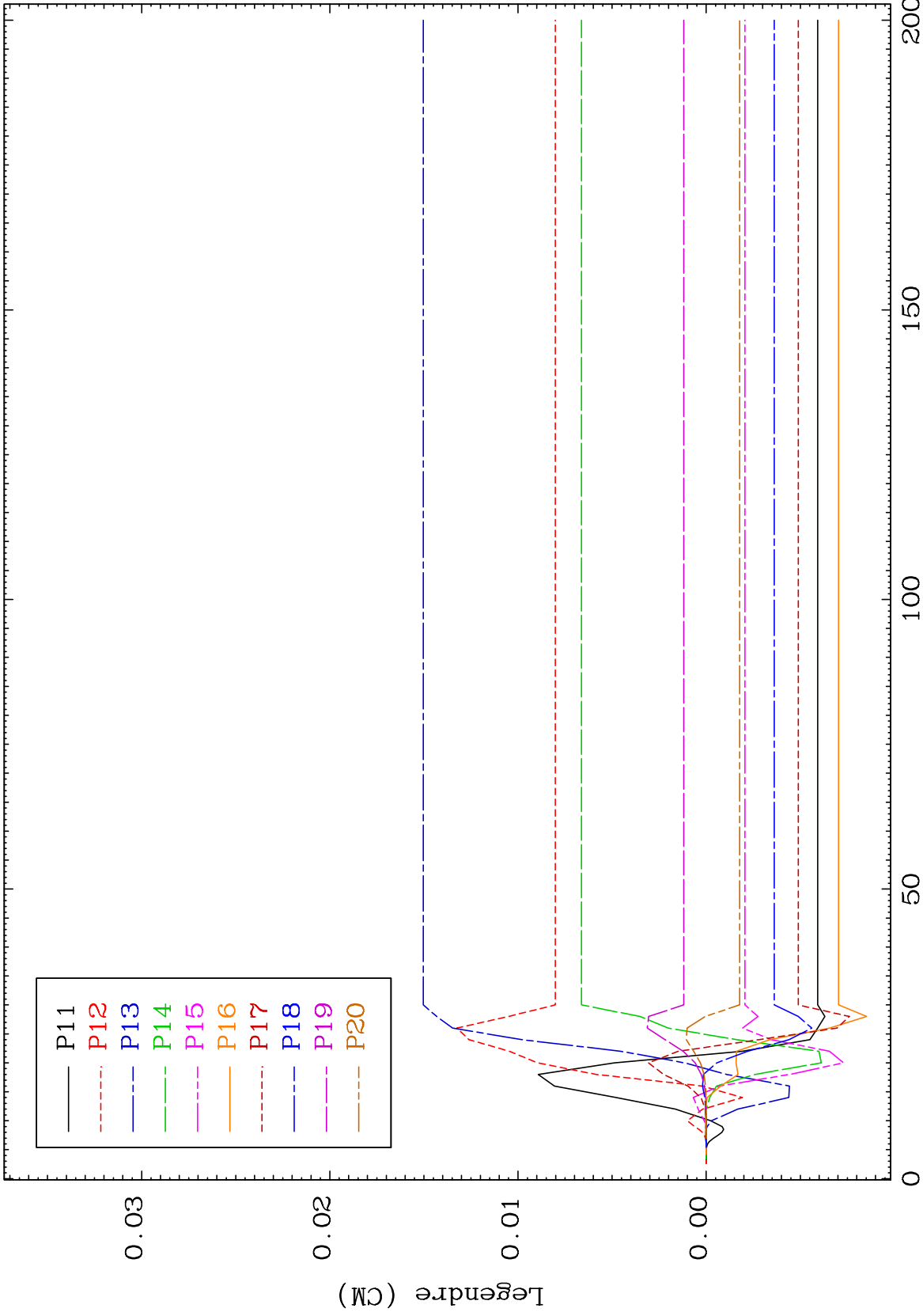


102 Incident Energy (MeV) 80-Hg-198

MAT 8031

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

80-Hg-198



103

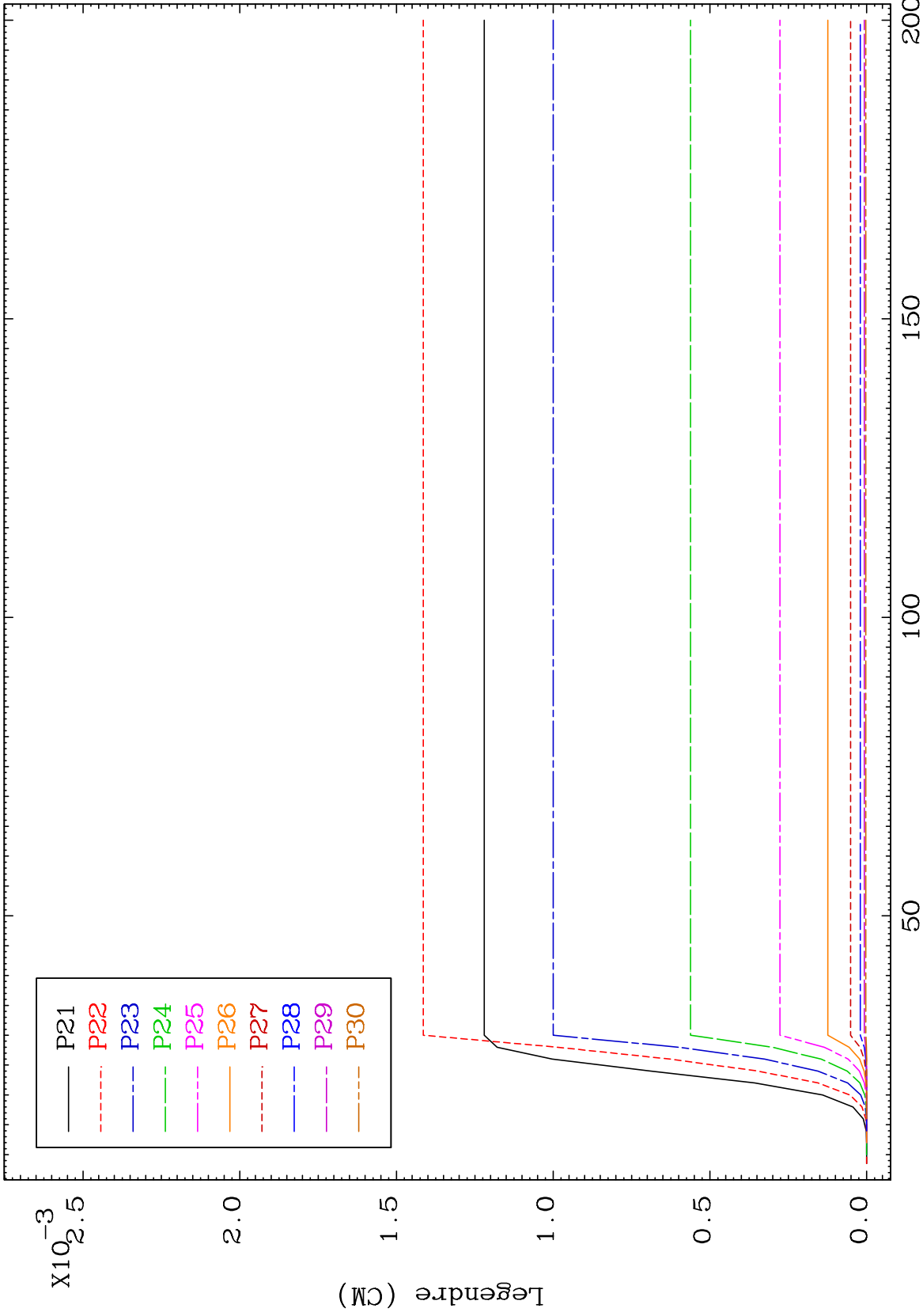
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



104

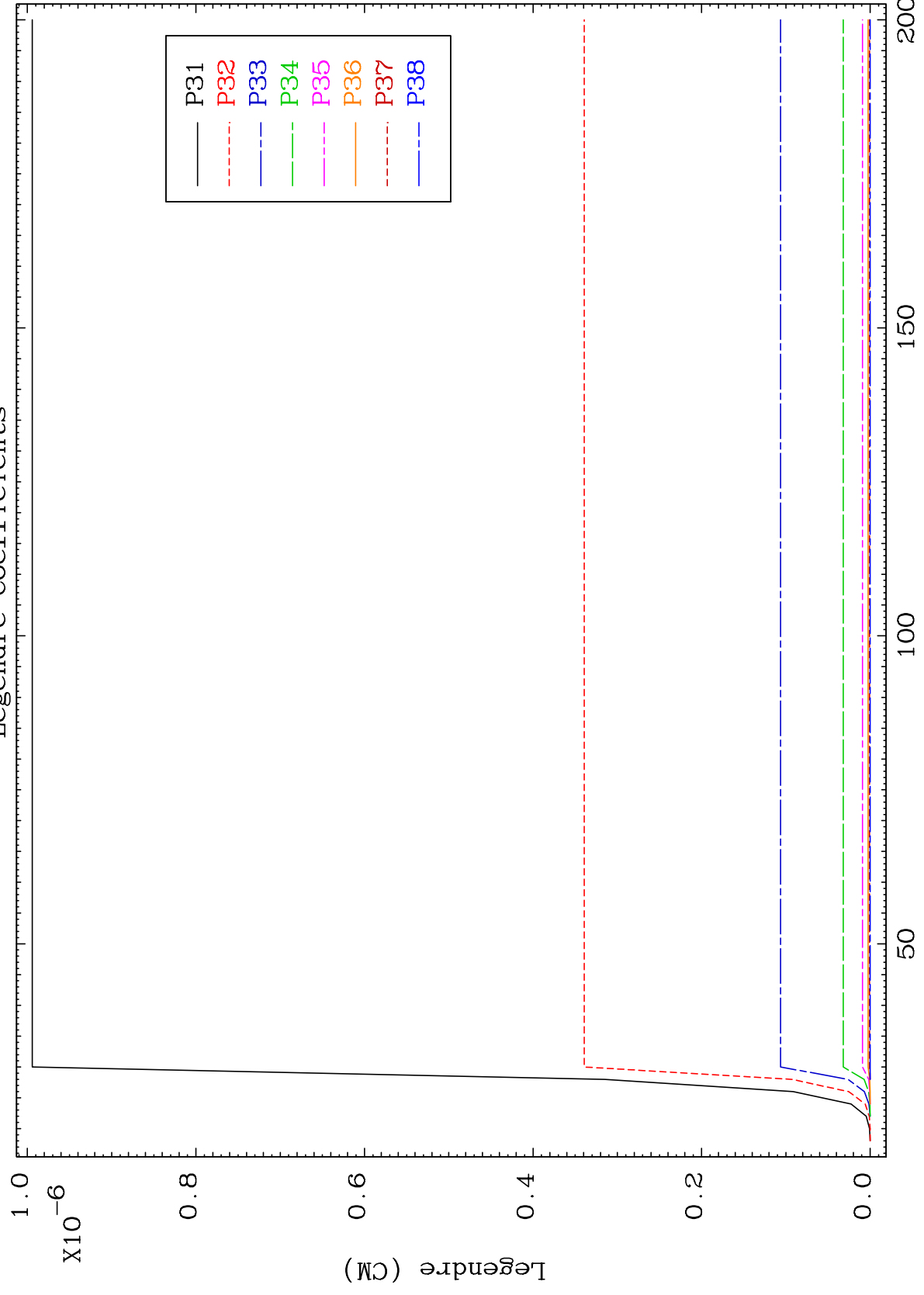
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

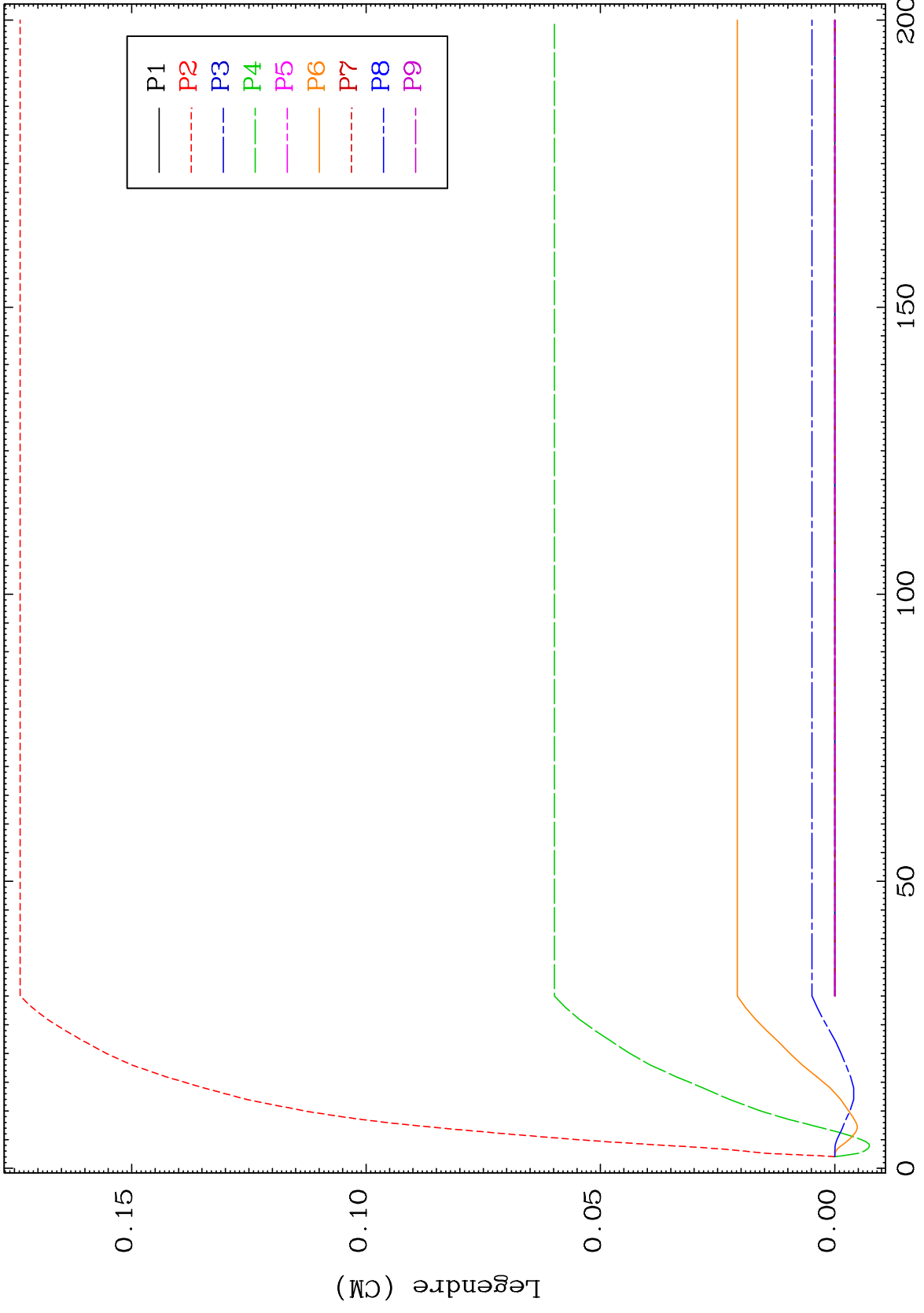


80-Hg-198

Incident Energy (MeV)

105

MAT 8031 MT= 74 (n,n') Level Legendre Coefficients 80-Hg-198

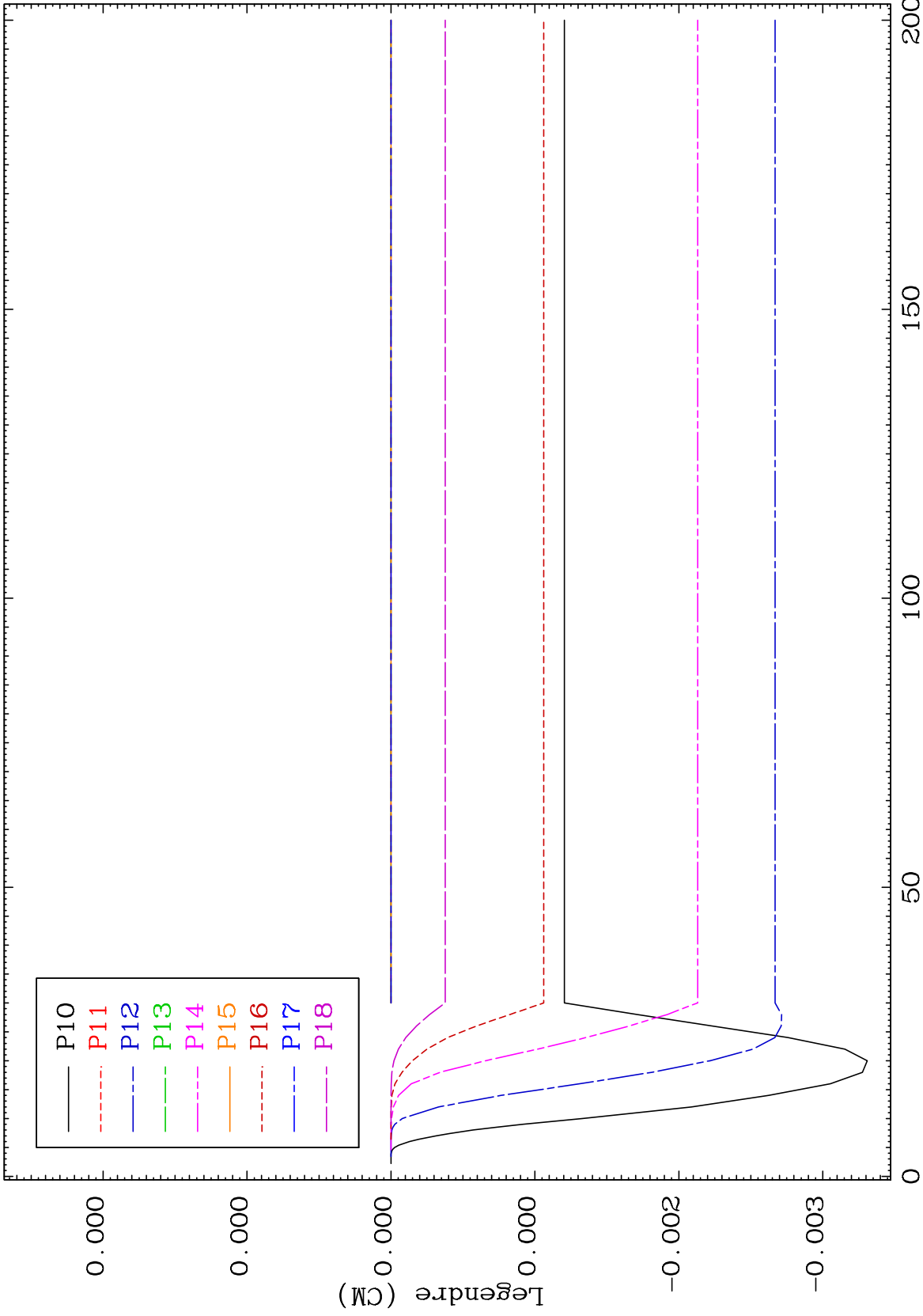


106 Incident Energy (MeV) 80-Hg-198

MAT 8031

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

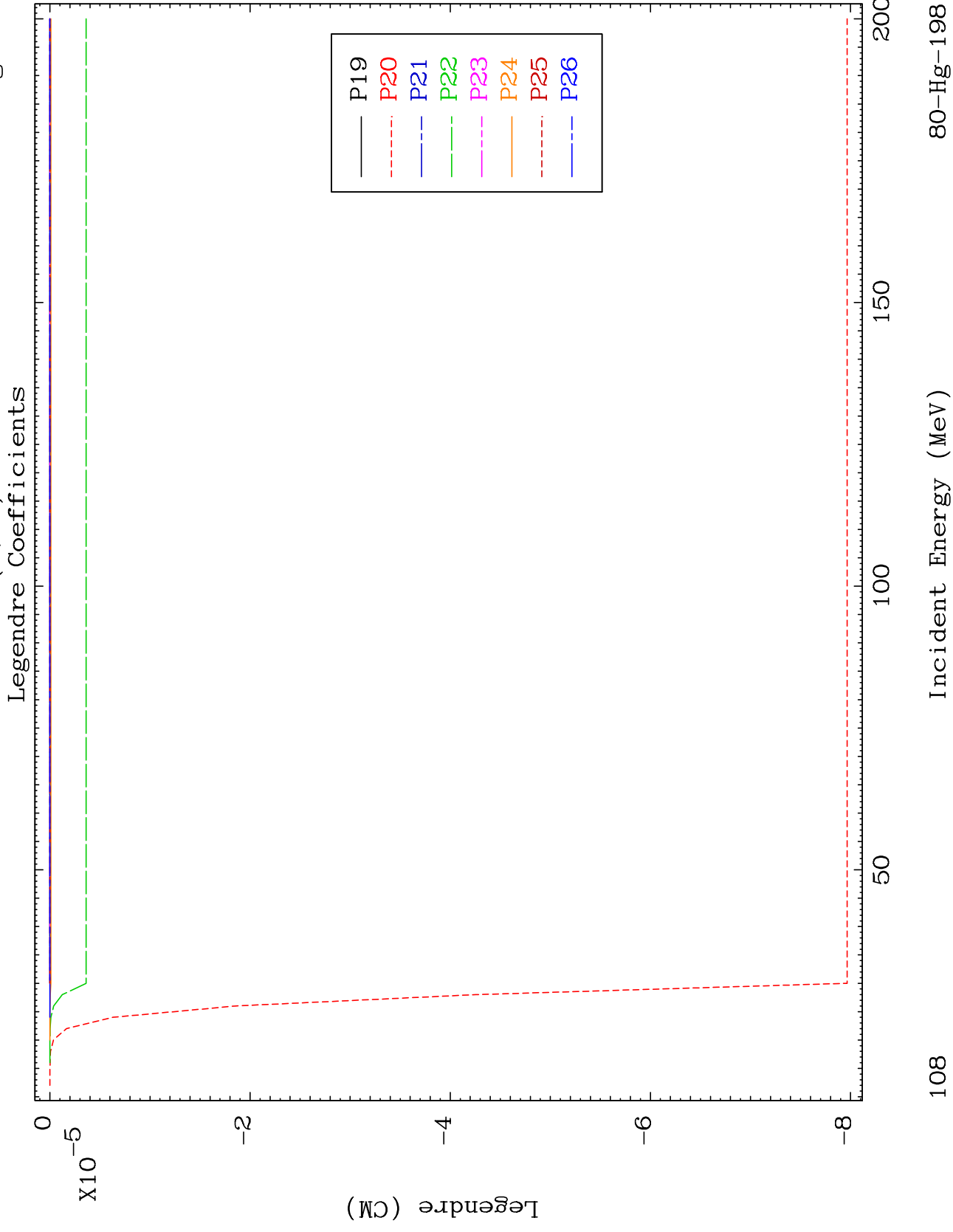
80-Hg-198



107

80-Hg-198

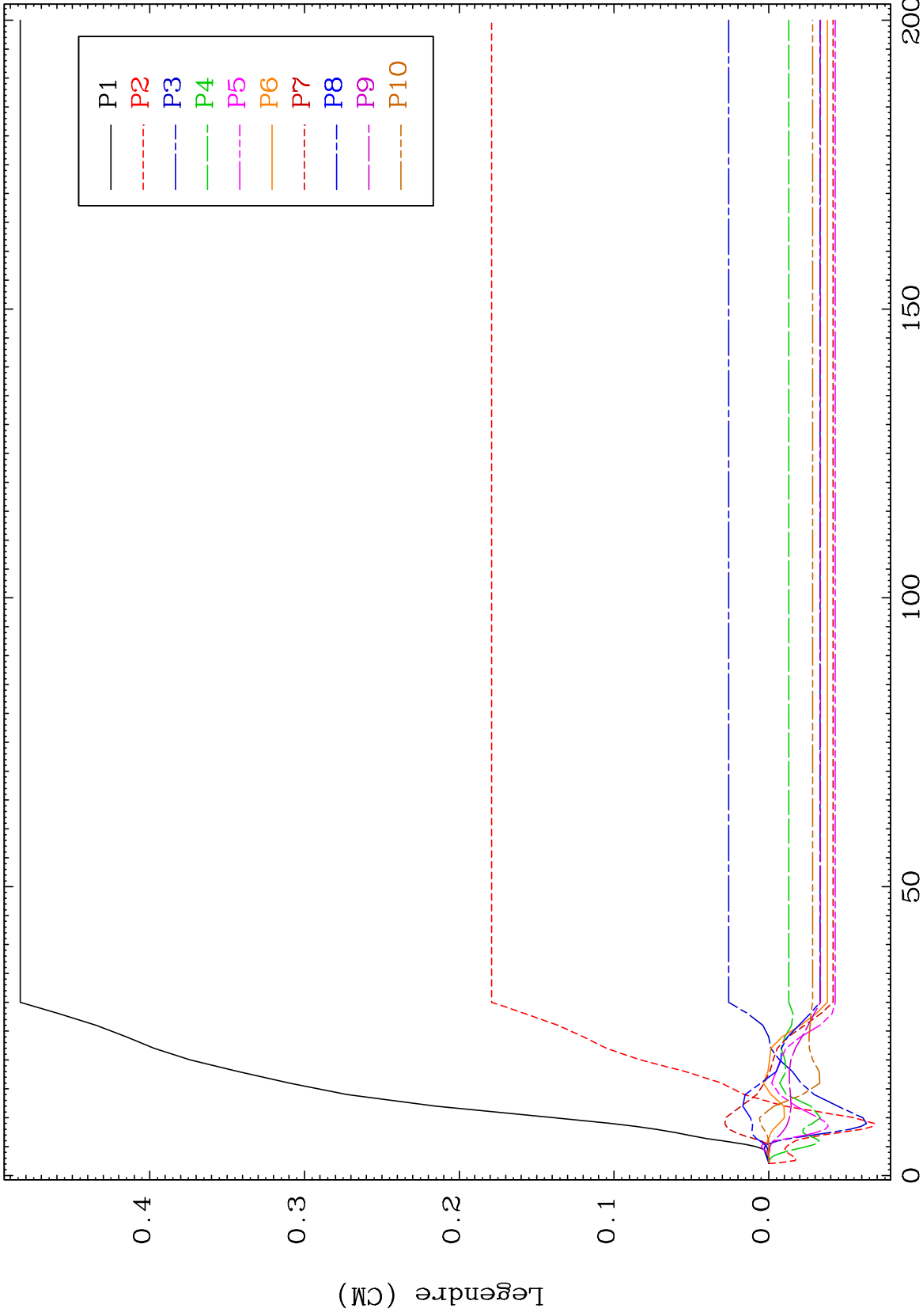
MAT 8031 MT= 74 (n,n') Level Legendre Coefficients 80-Hg-198



MAT 8031

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

80-Hg-198



109

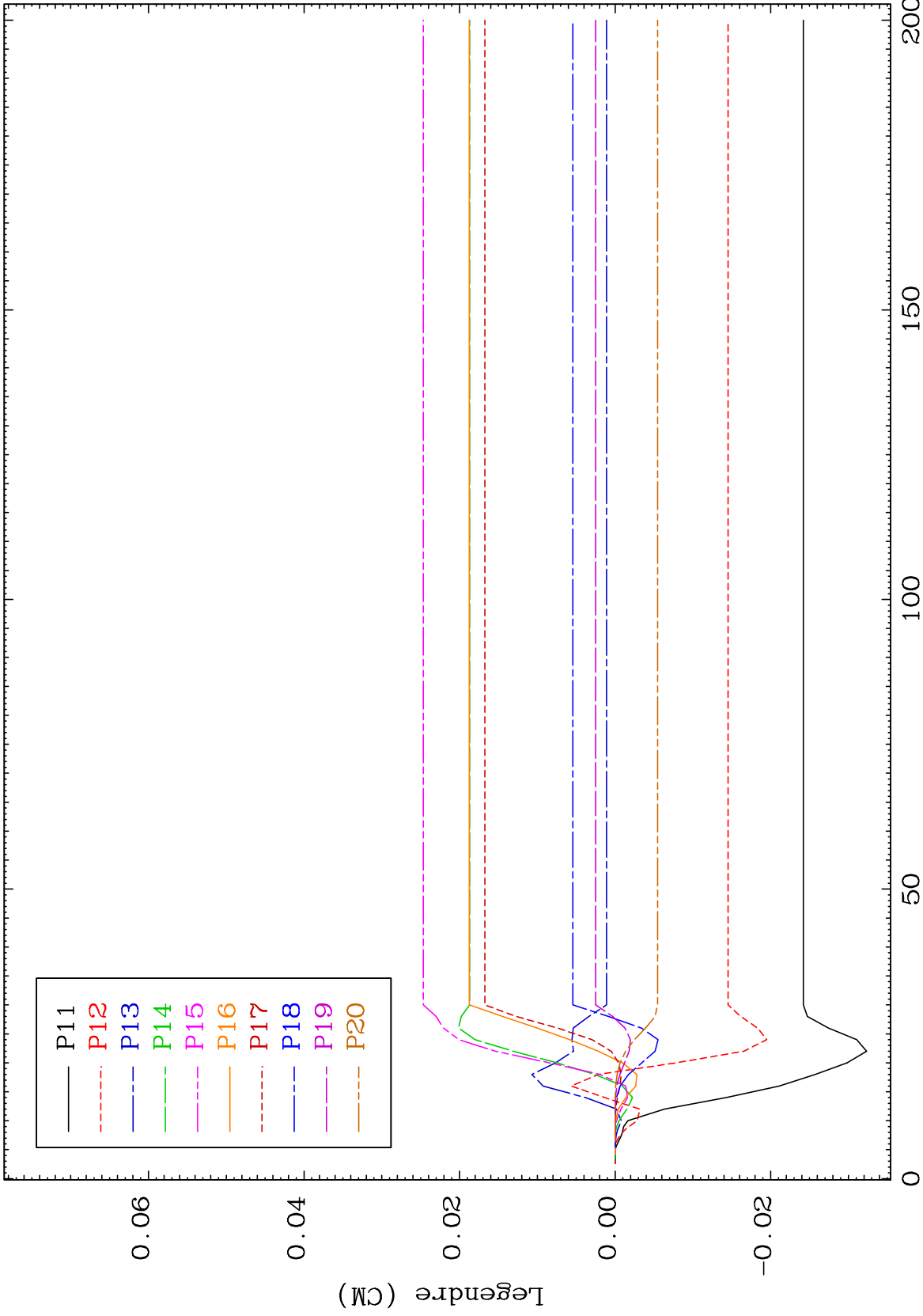
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

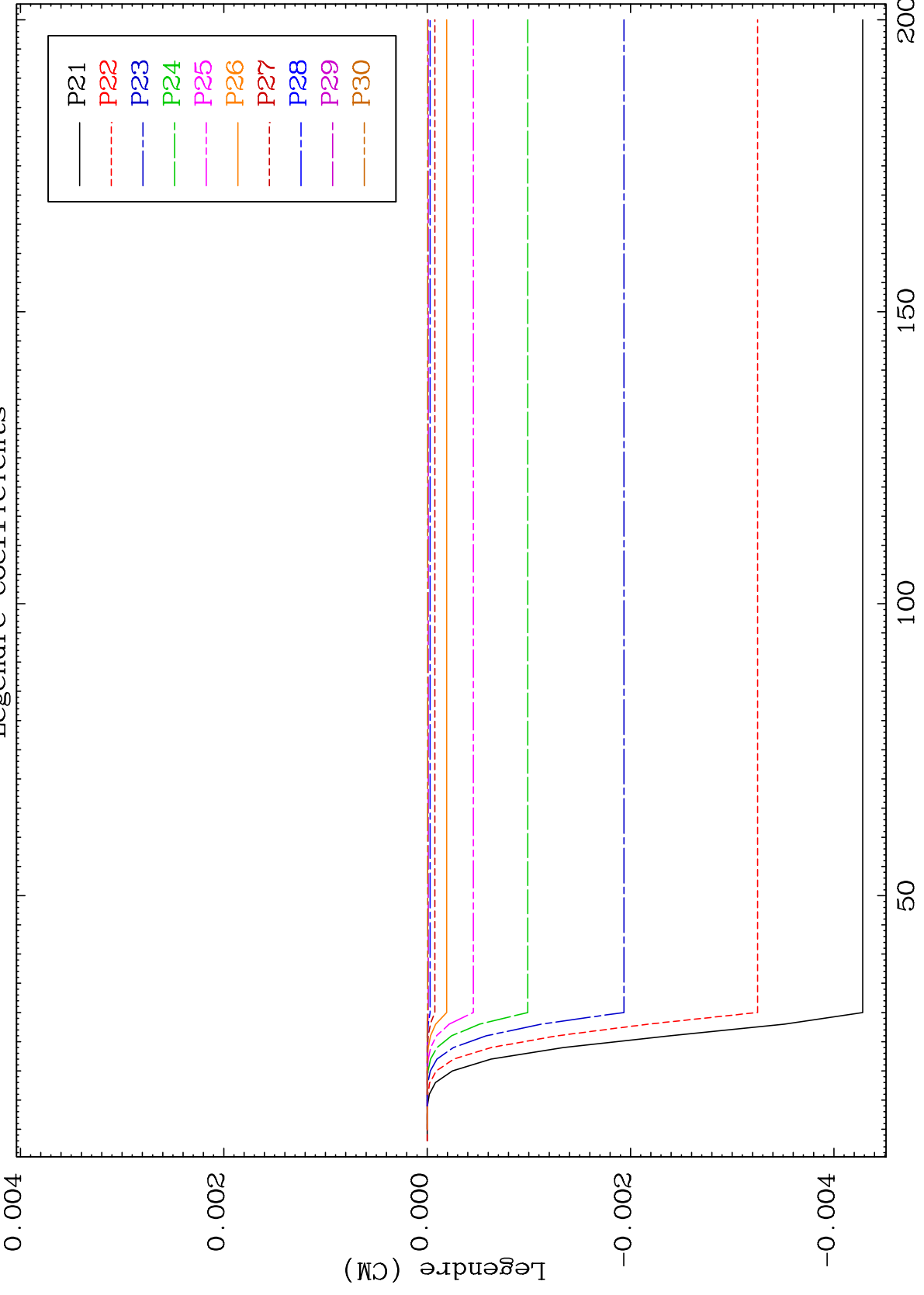


110

Incident Energy (MeV)

80-Hg-198

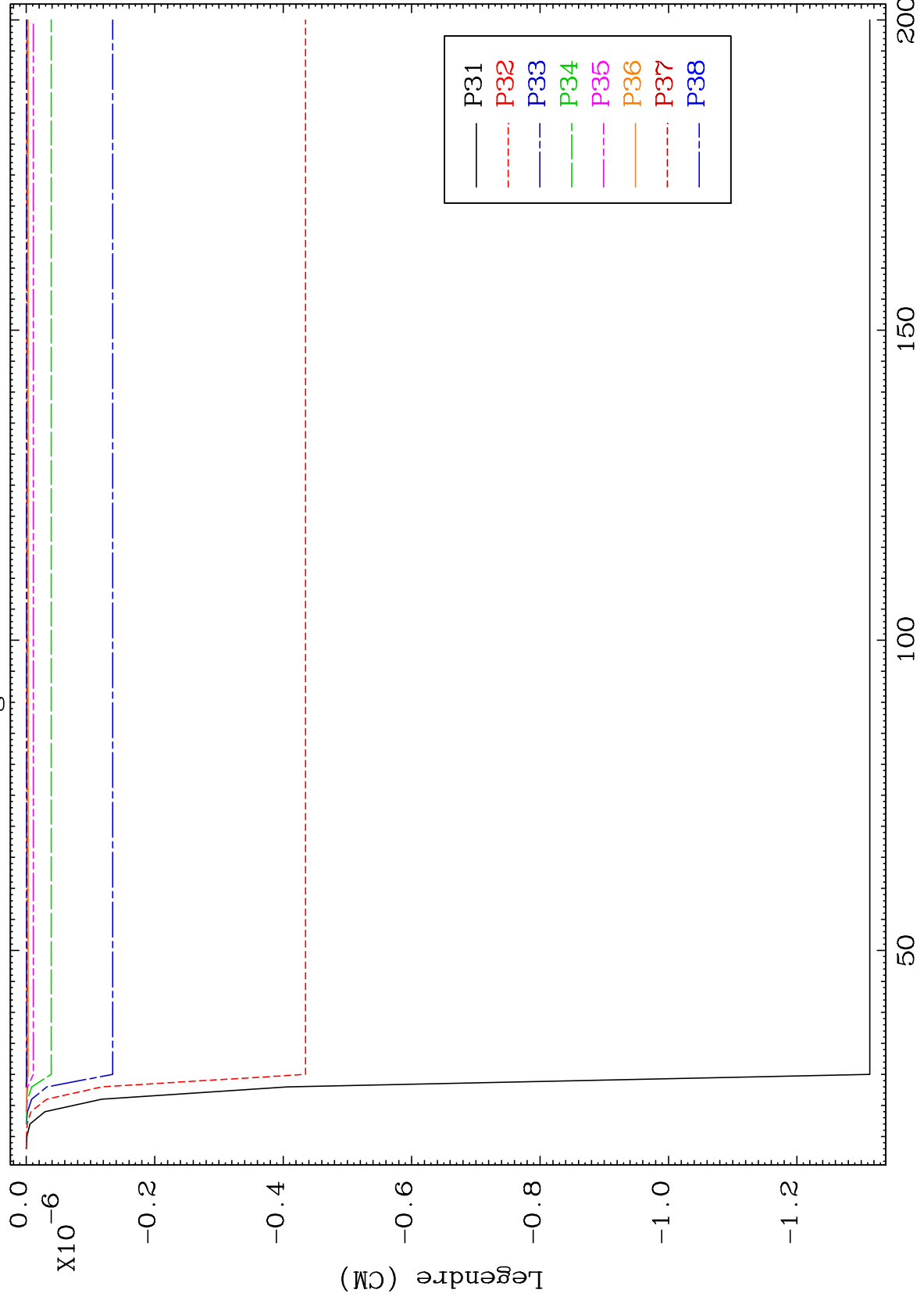
MAT 8031 MT= 75 (n,n') Level Legendre Coefficients 80-Hg-198



MAT 8031

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

80-Hg-198

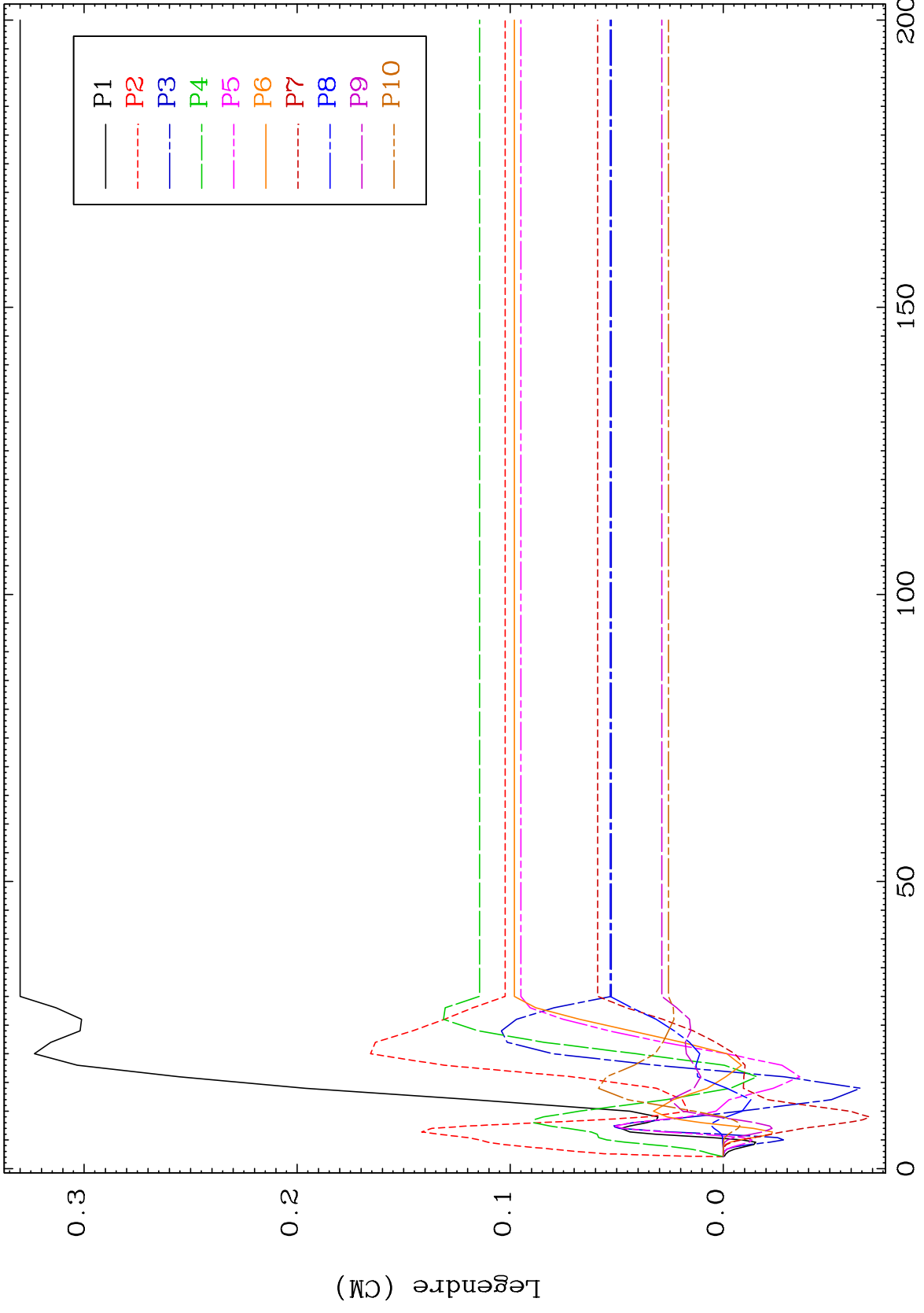


80-Hg-198

Incident Energy (MeV)

112

MAT 8031 MT= 76 (n,n') Level Legendre Coefficients 80-Hg-198

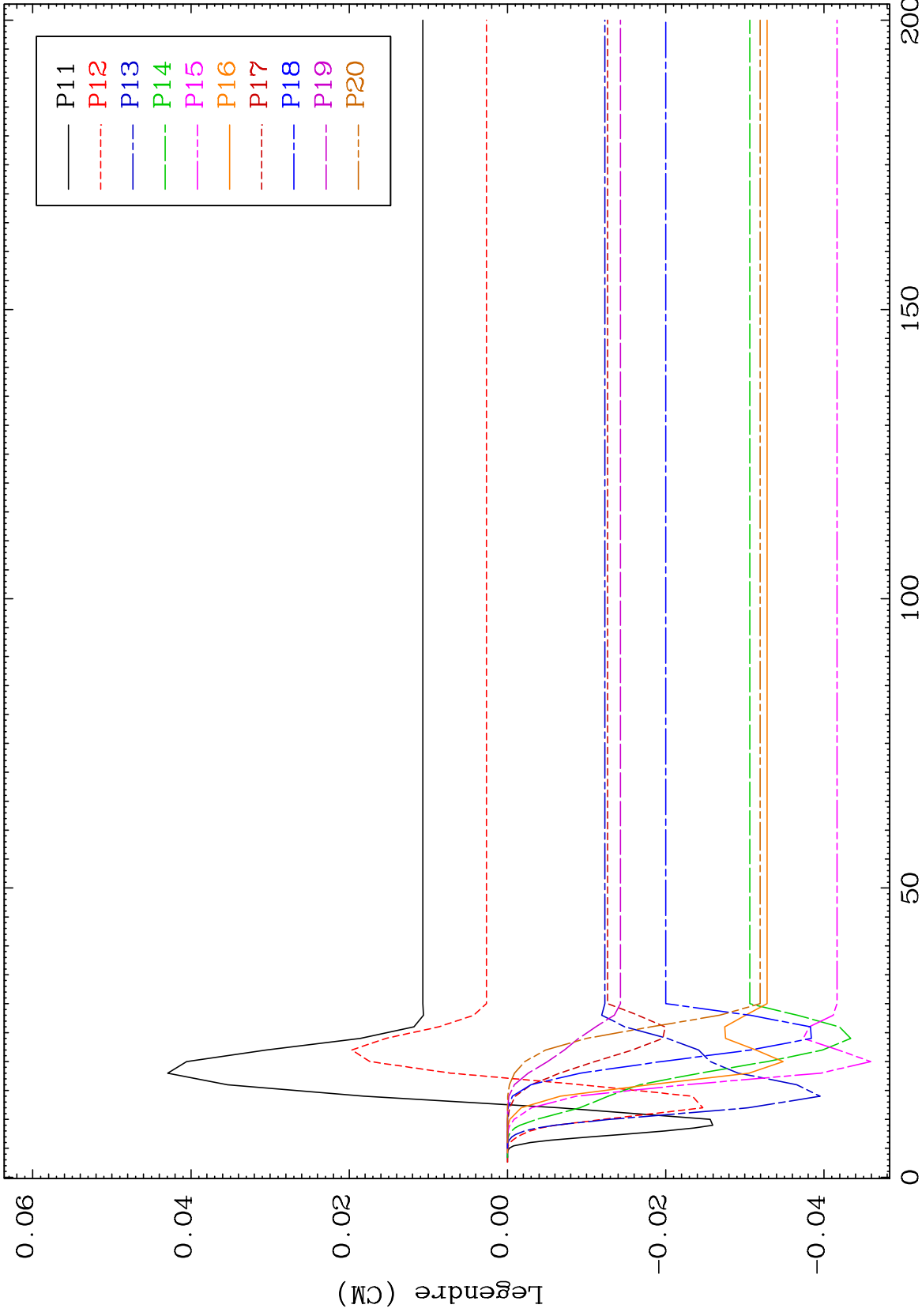


113 80-Hg-198

MAT 8031

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

80-Hg-198



114

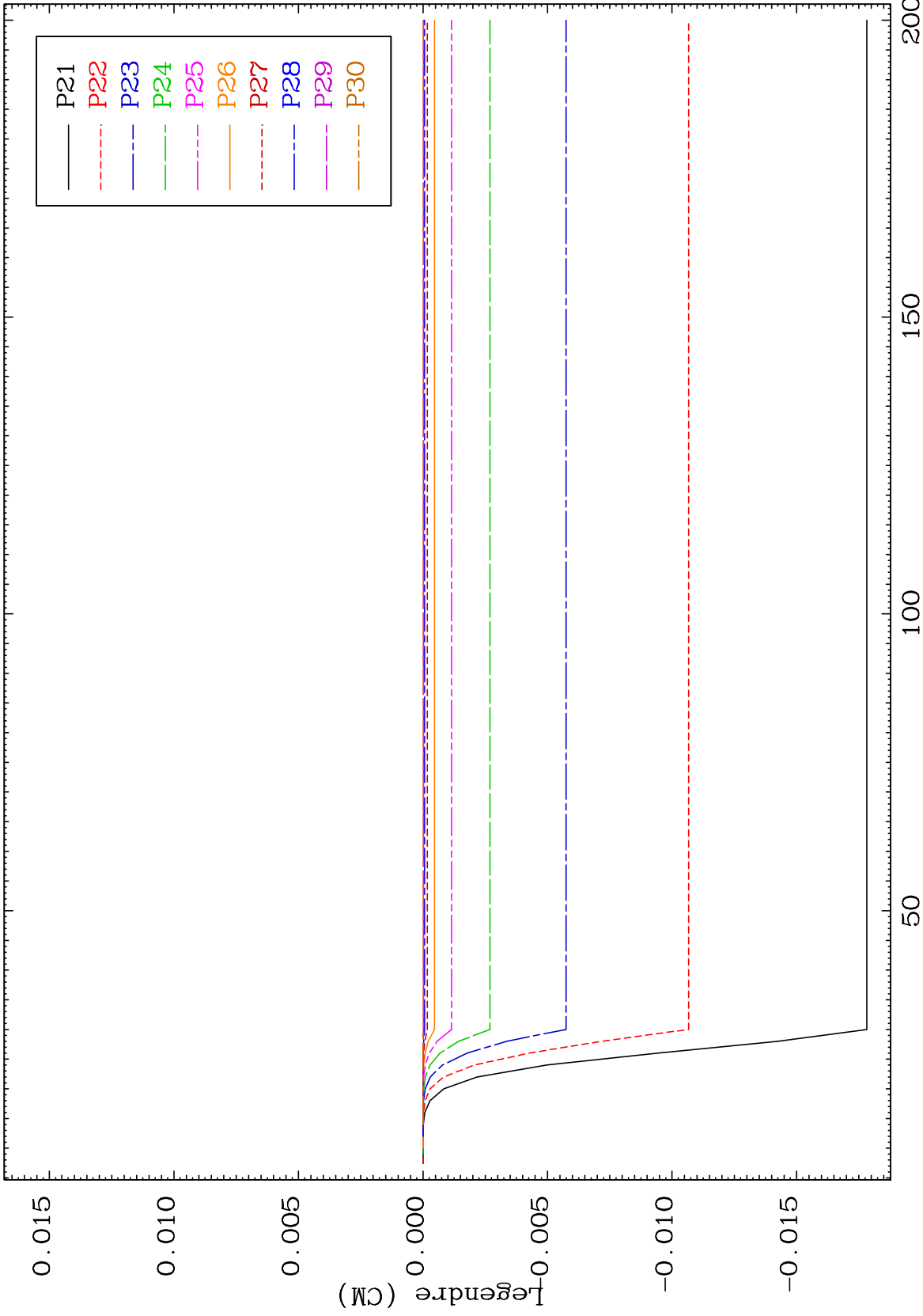
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



115

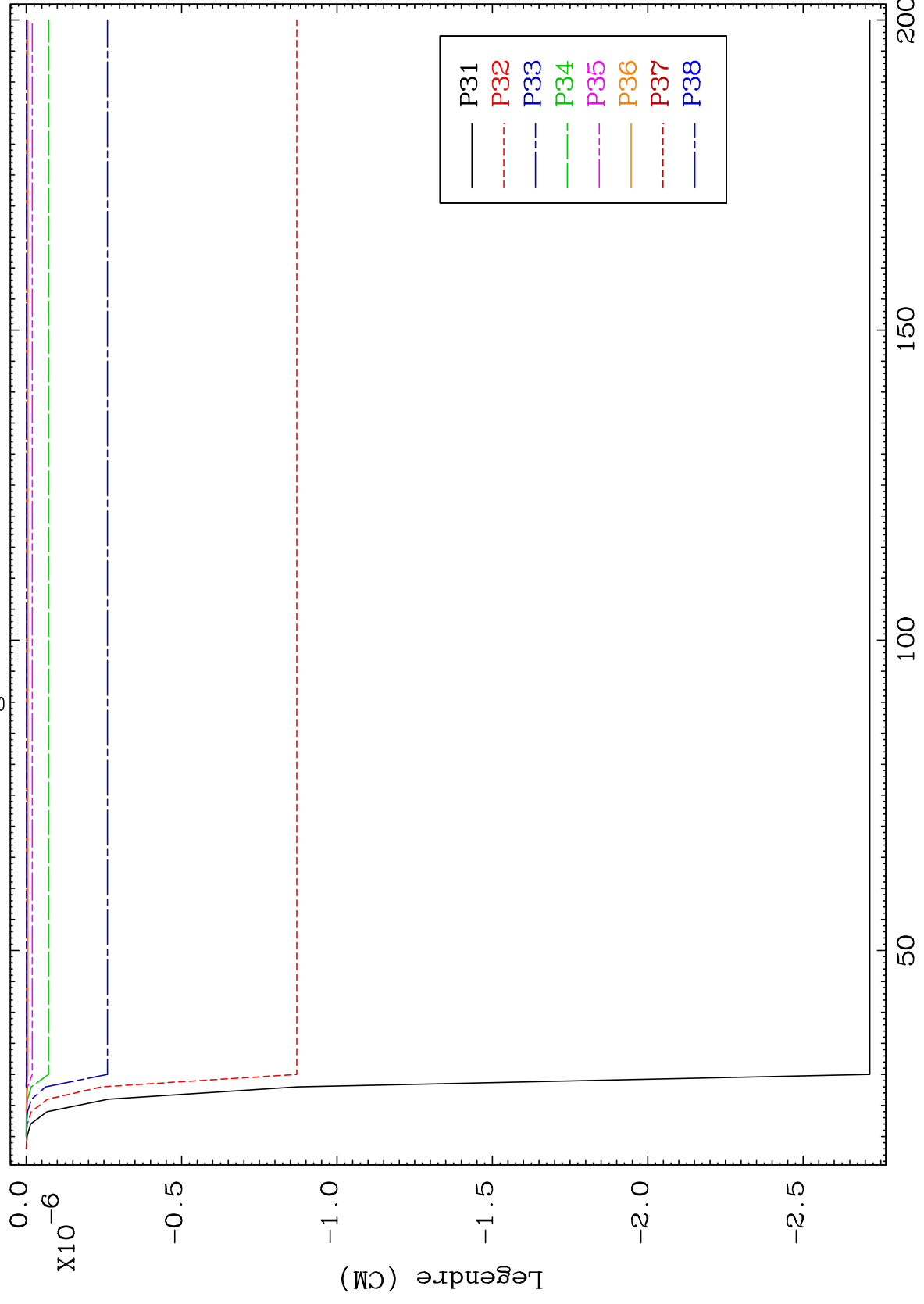
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

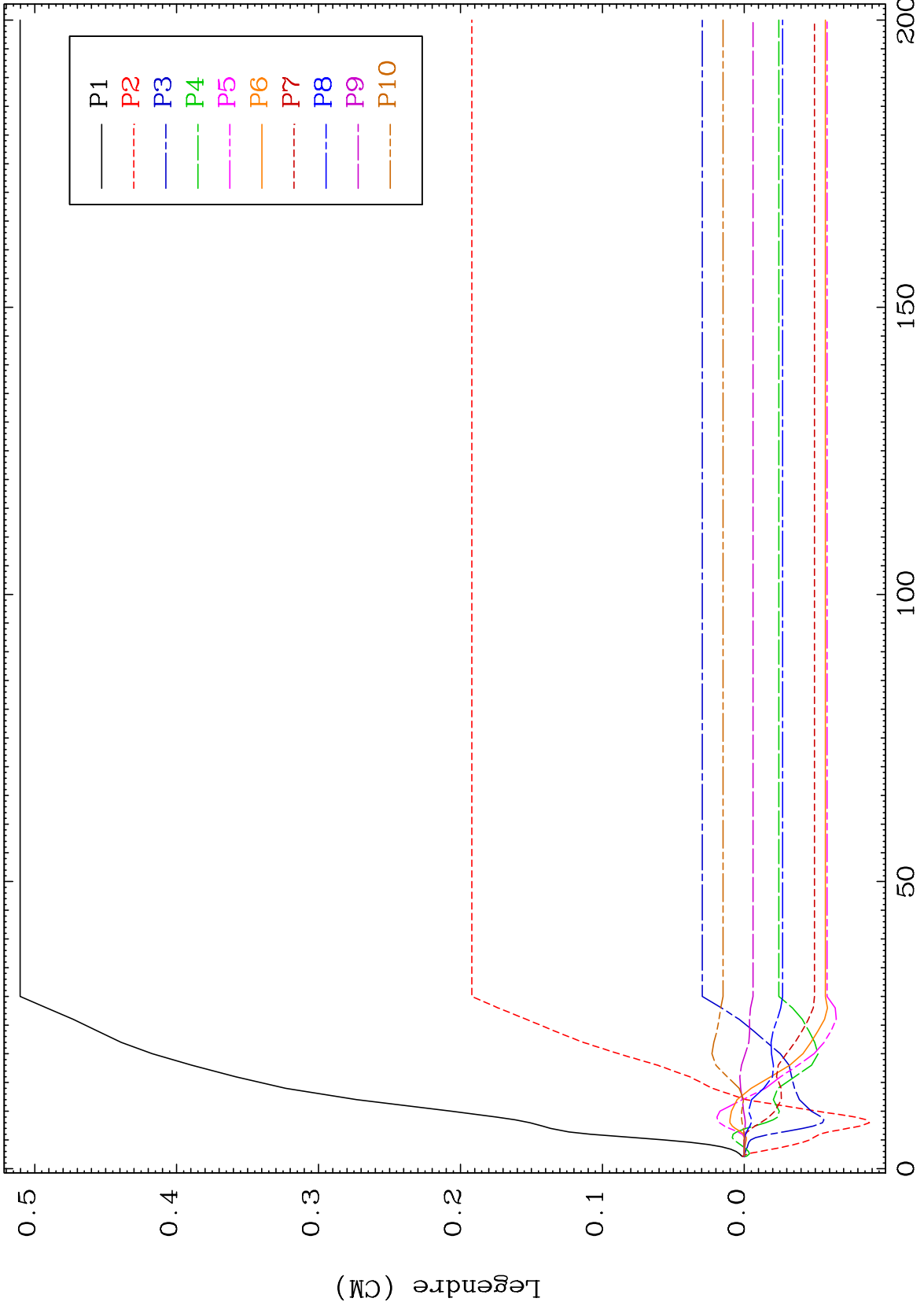


80-Hg-198

Incident Energy (MeV)

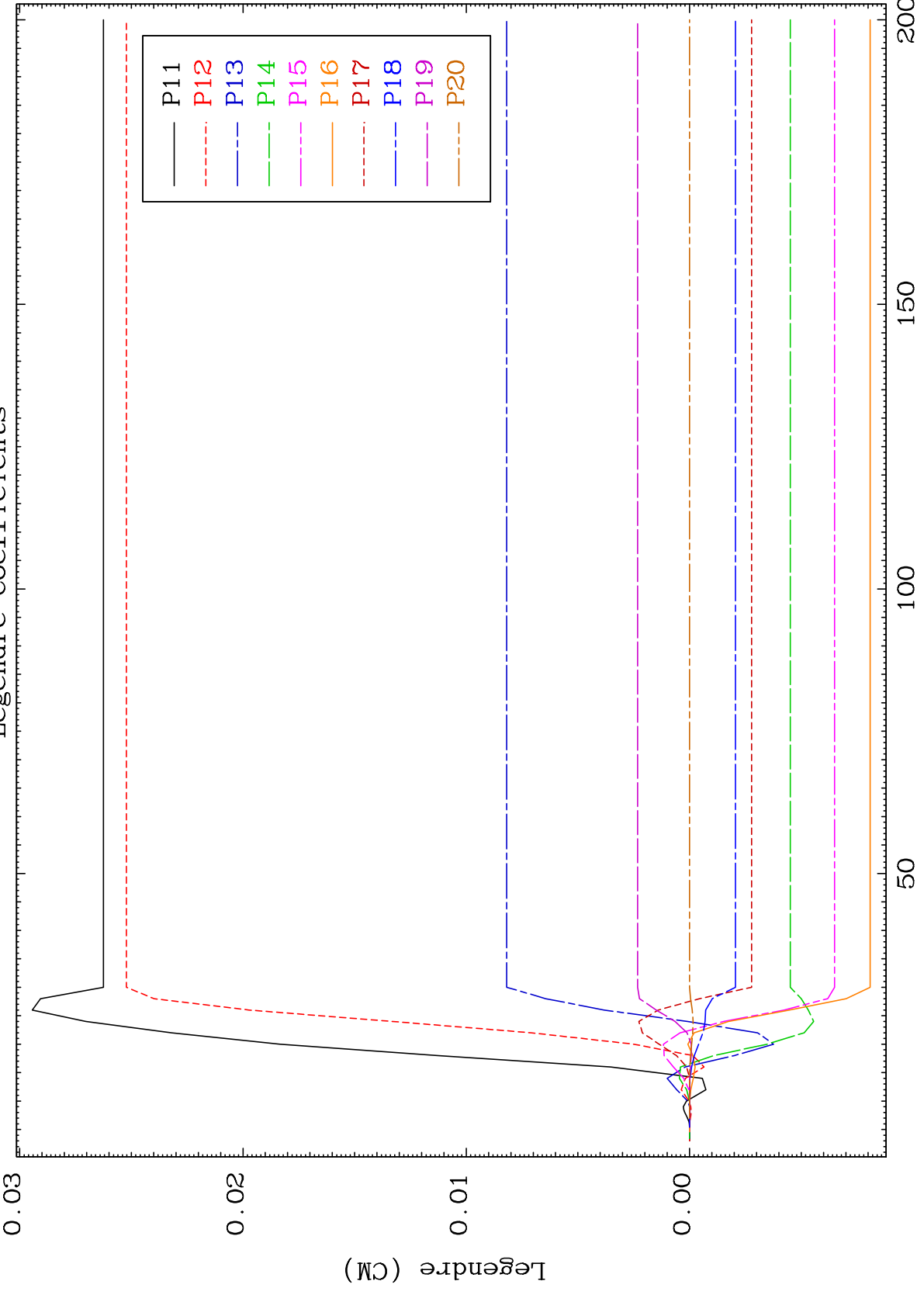
116

MAT 8031 MT= 77 (n,n') Level Legendre Coefficients 80-Hg-198



117 80-Hg-198

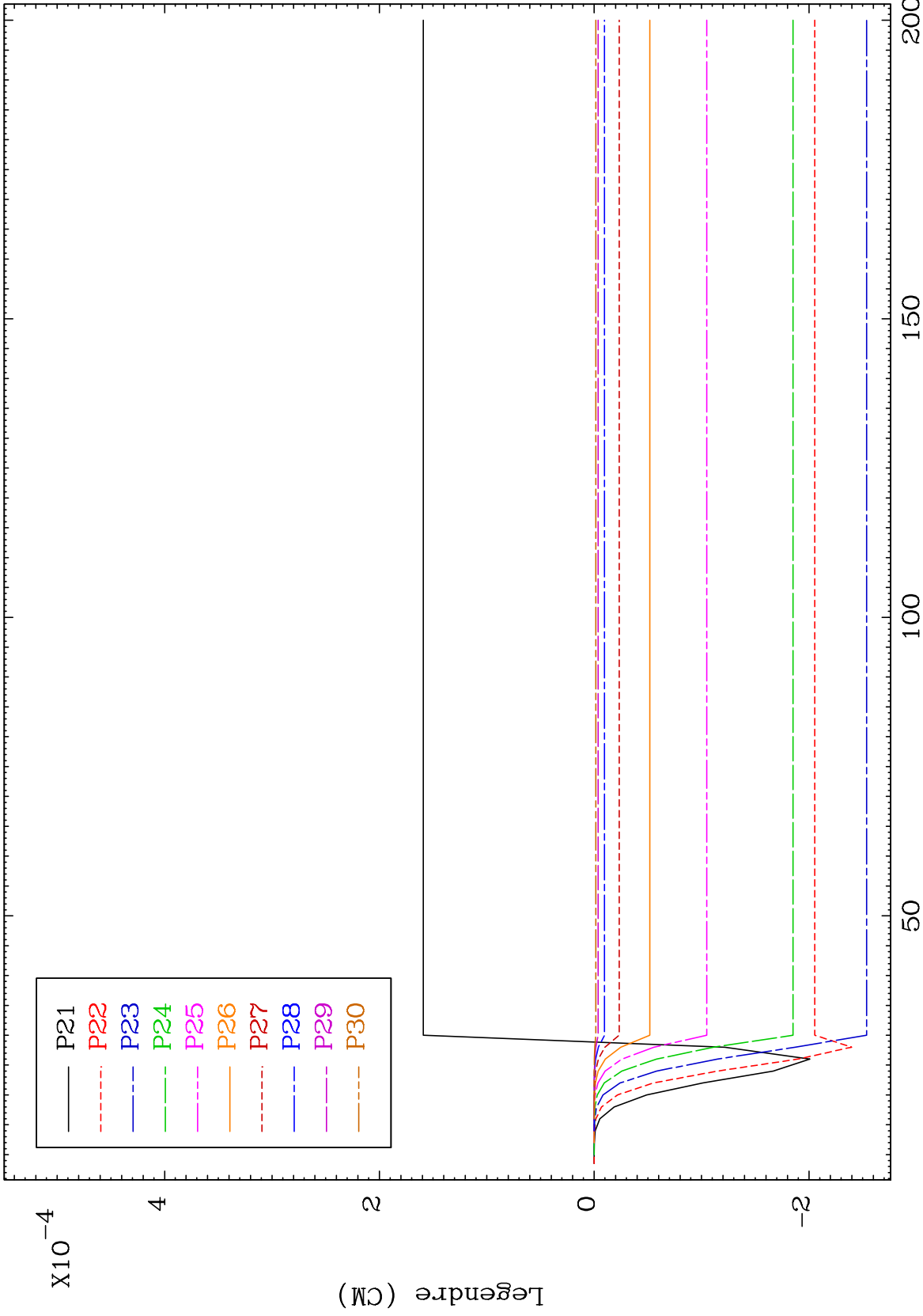
MAT 8031 MT= 77 (n,n') Level Legendre Coefficients 80-Hg-198



MAT 8031

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

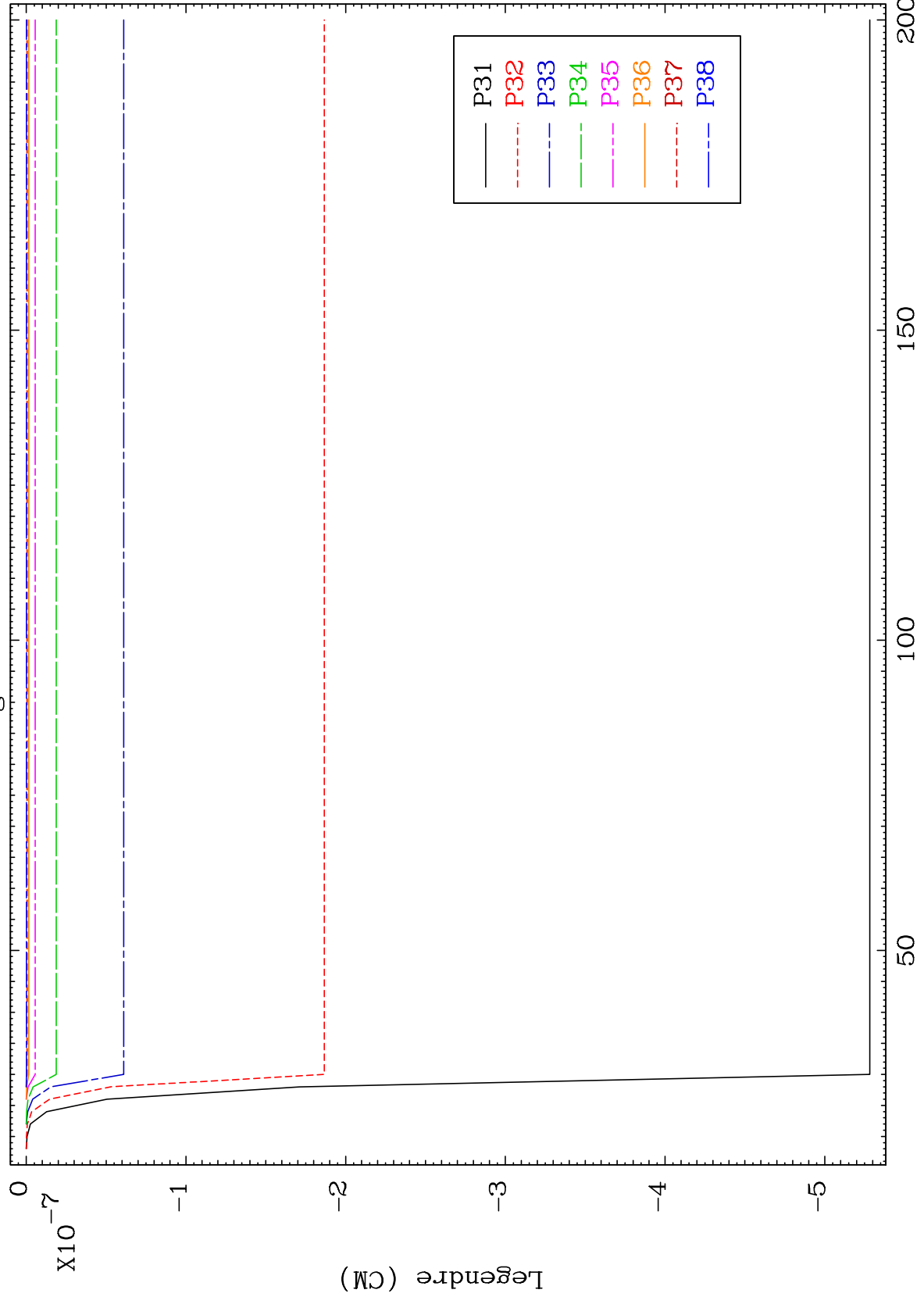
80-Hg-198



MAT 8031

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

80-Hg-198

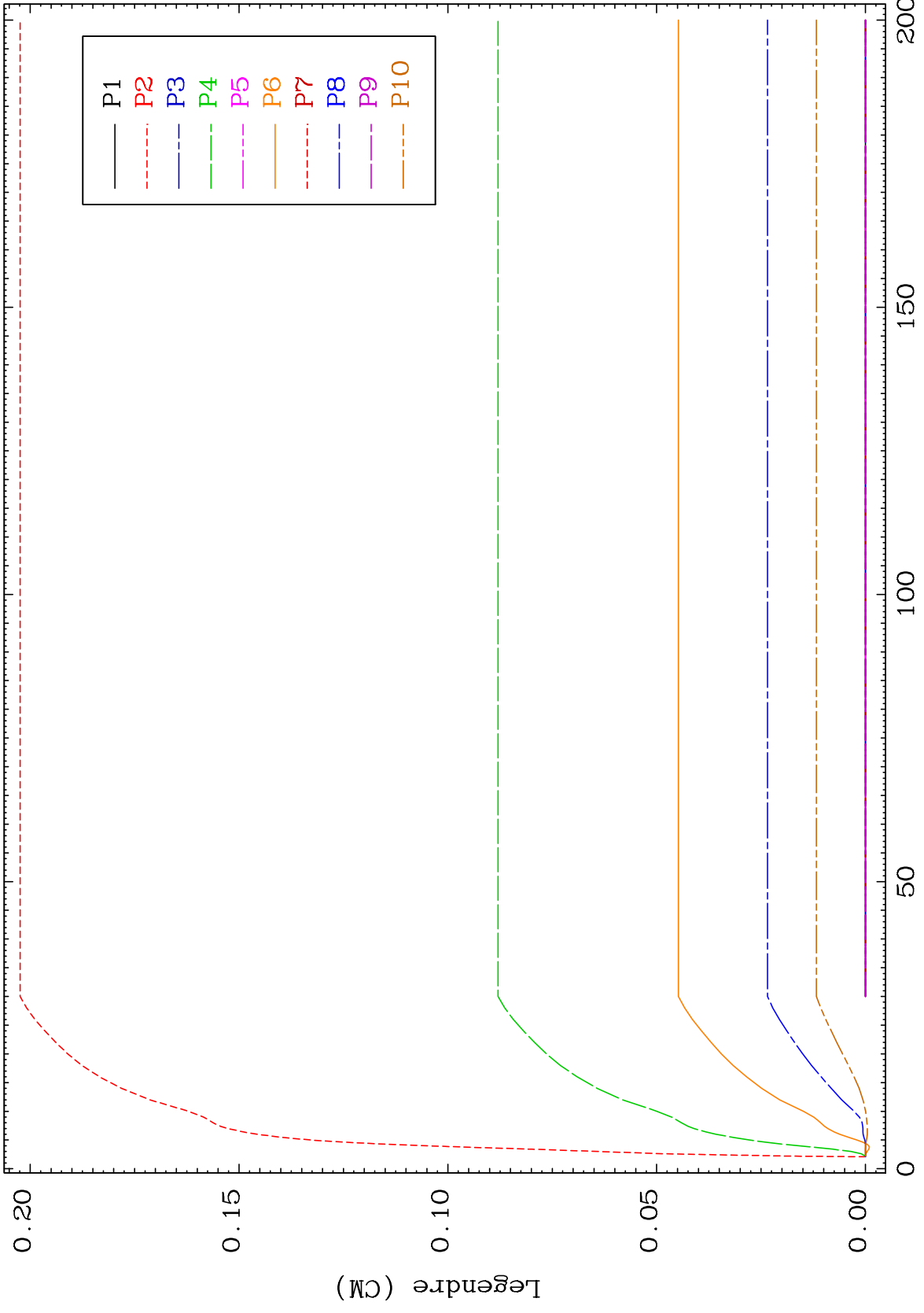


80-Hg-198

Incident Energy (MeV)

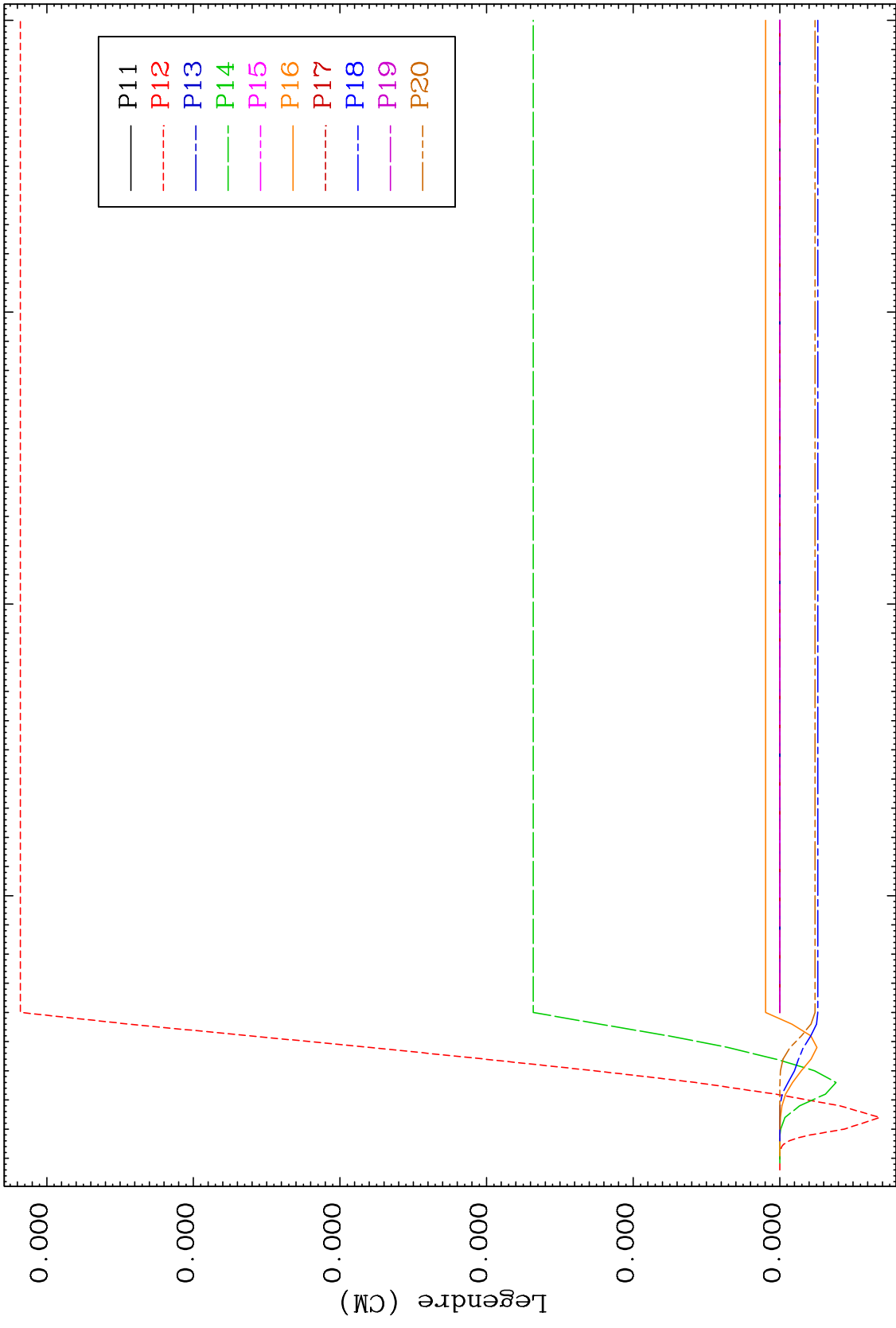
120

MAT 8031 MT= 78 (n,n') Level Legendre Coefficients 80-Hg-198



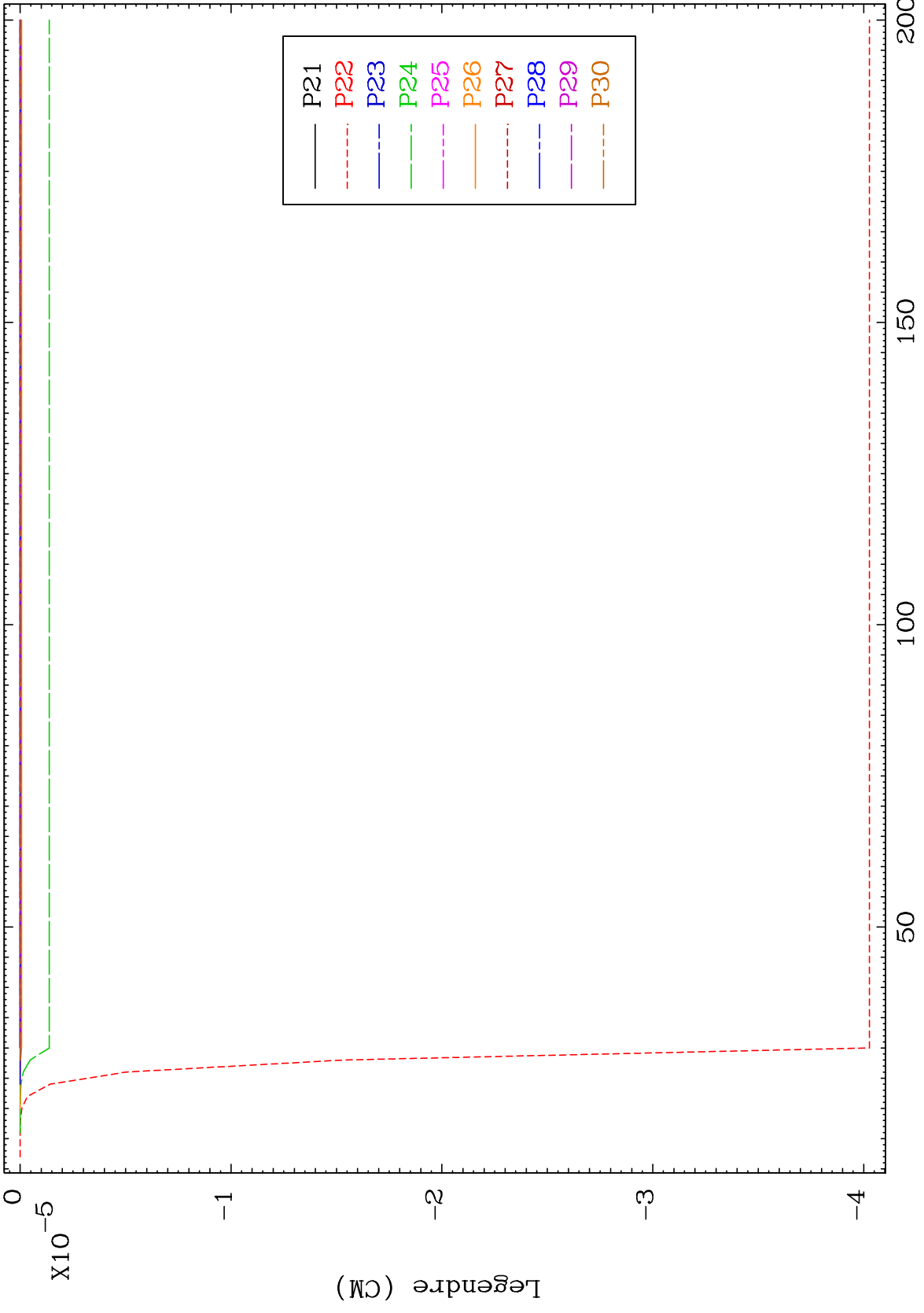
121 80-Hg-198

MAT 8031 MT= 78 (n,n') Level Legendre Coefficients 80-Hg-198



122 80-Hg-198

MAT 8031 MT= 78 (n,n') Level Legendre Coefficients 80-Hg-198

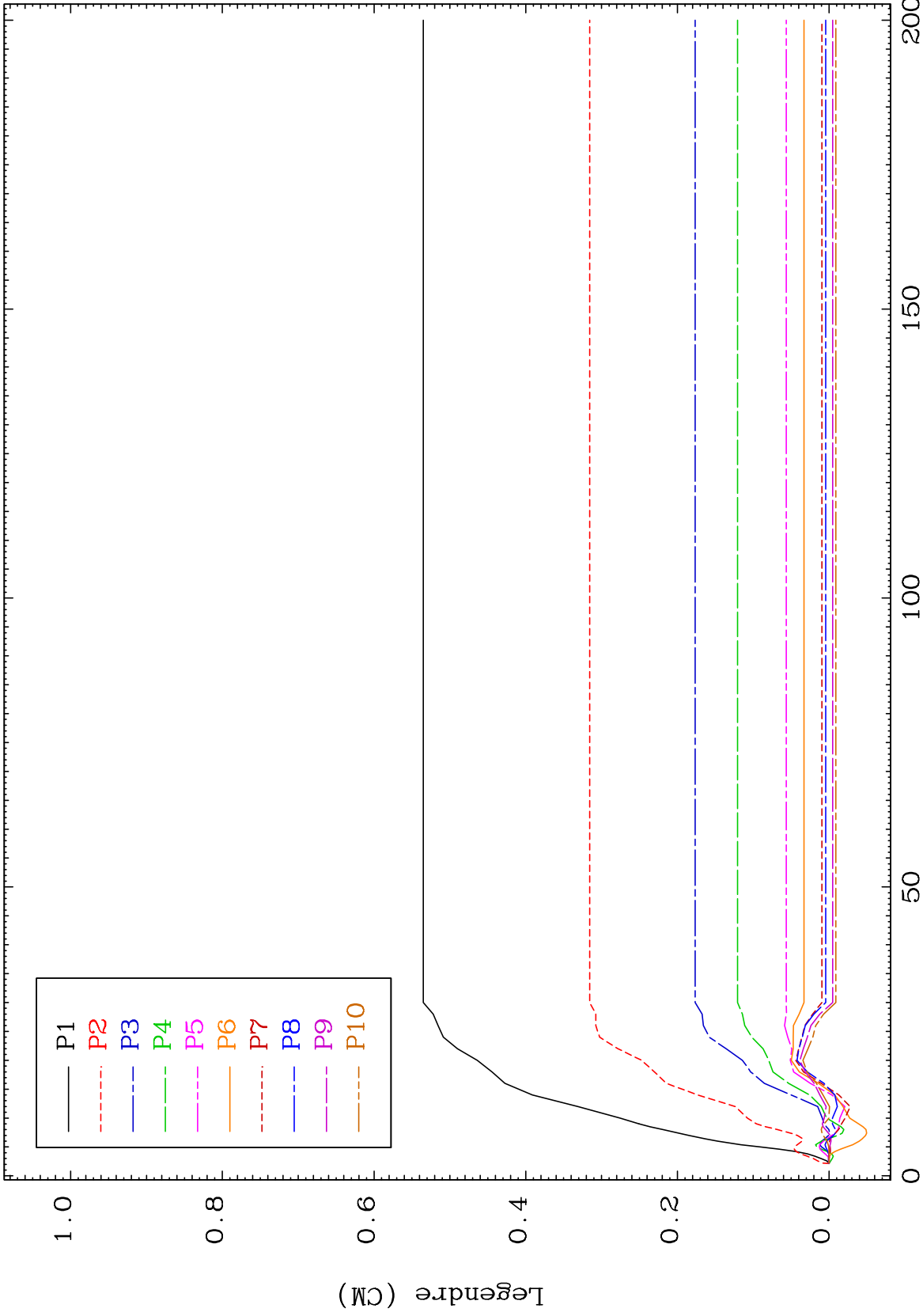


123 80-Hg-198

MAT 8031

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

80-Hg-198



124

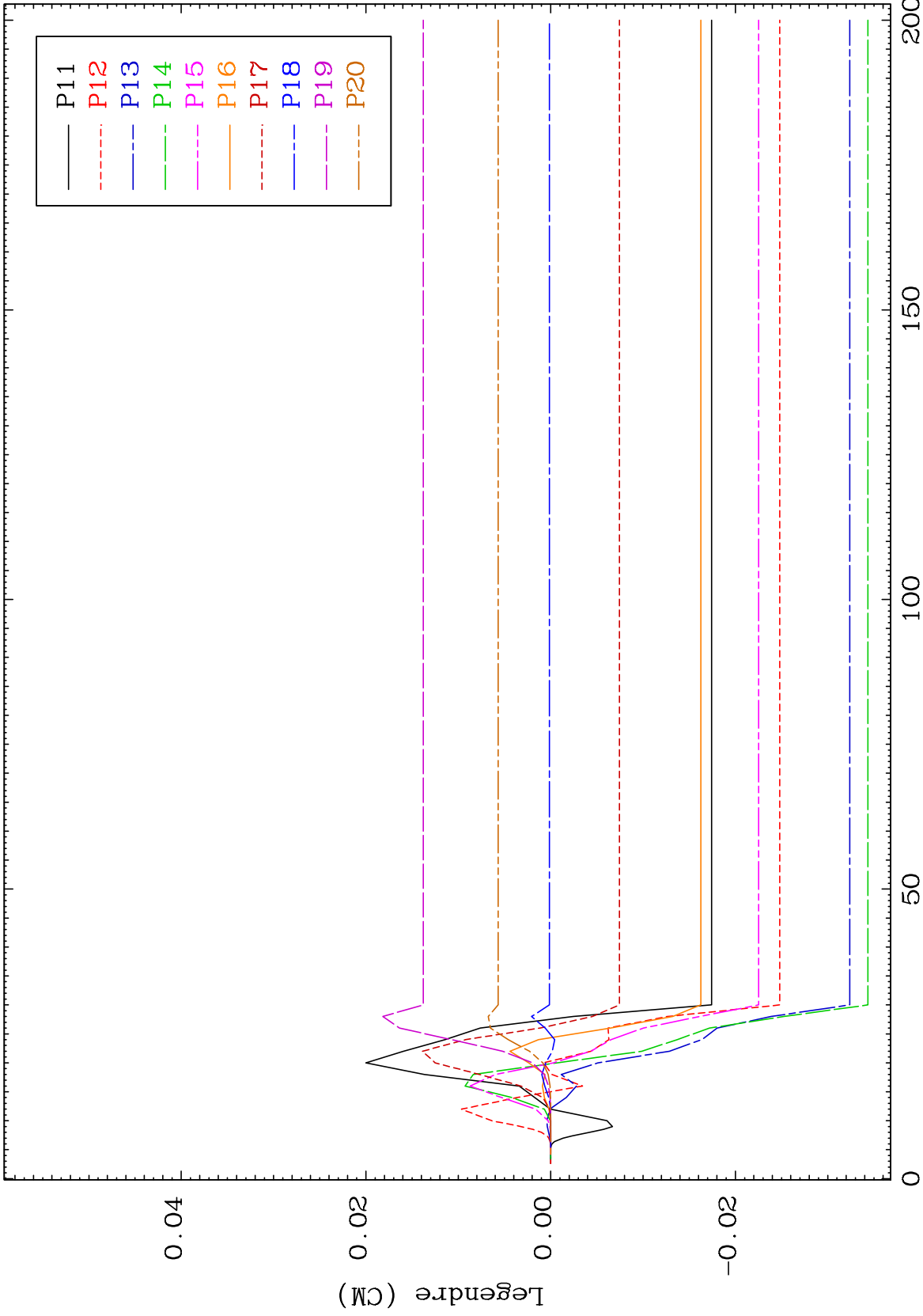
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



125

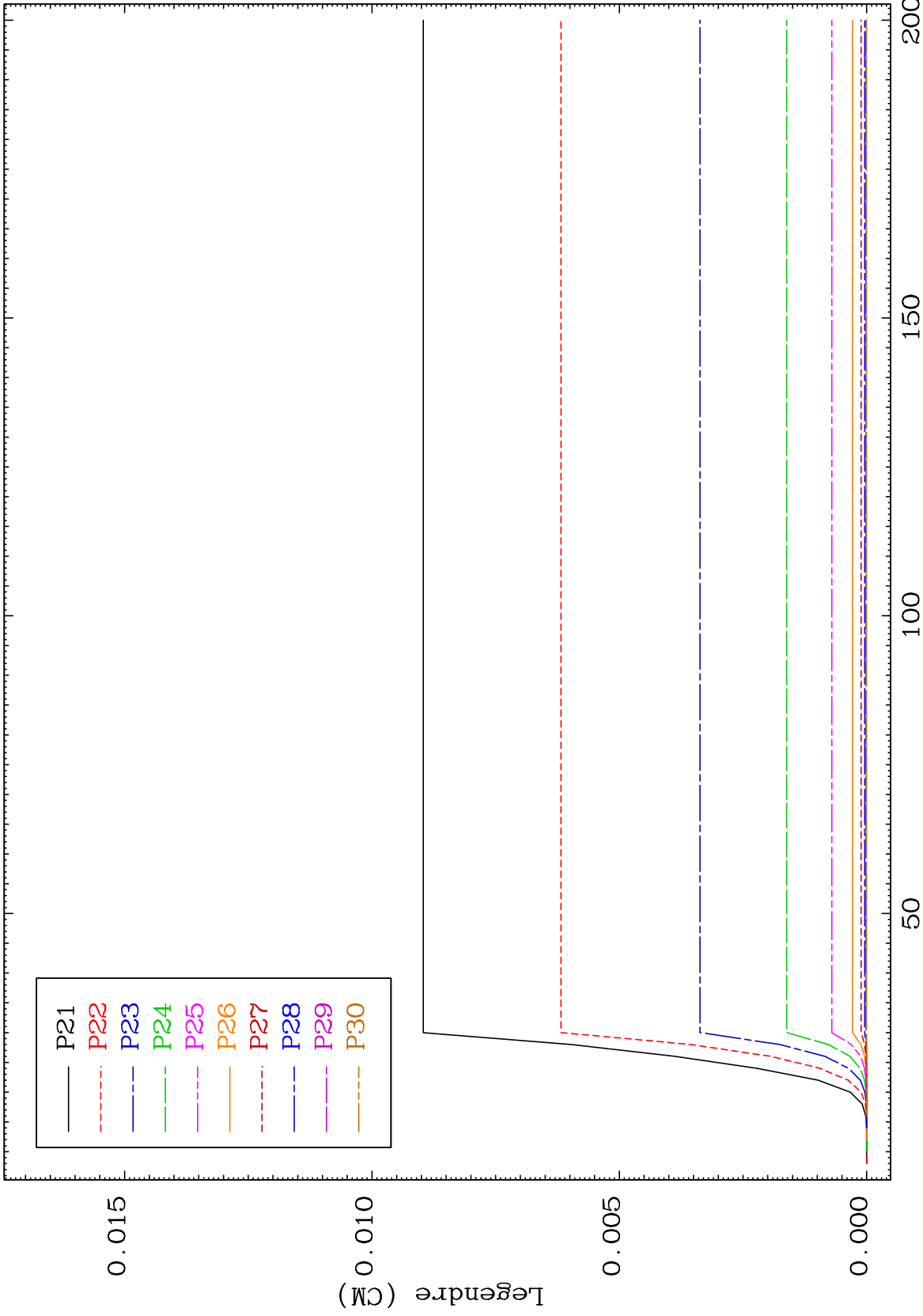
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



126

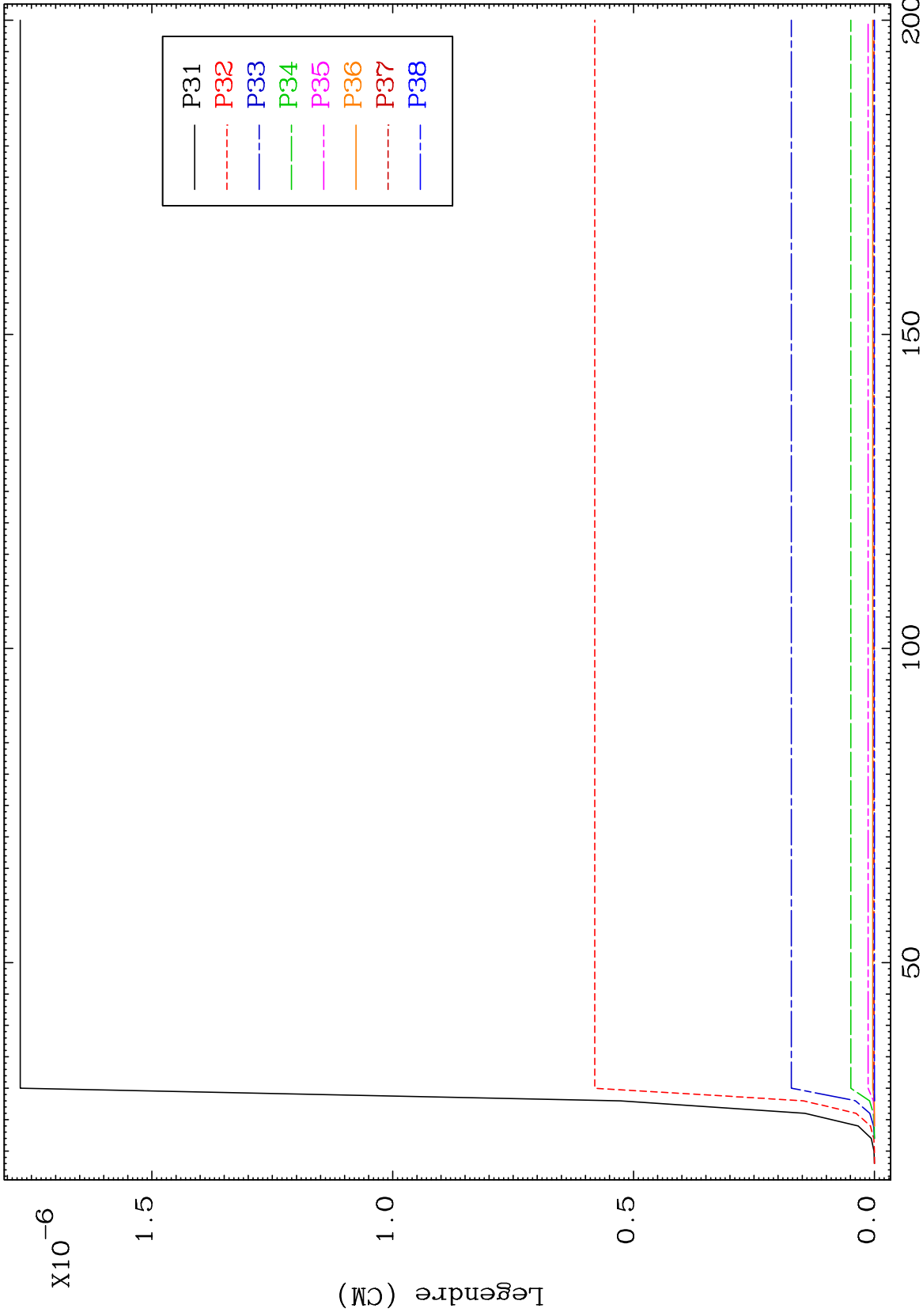
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



127

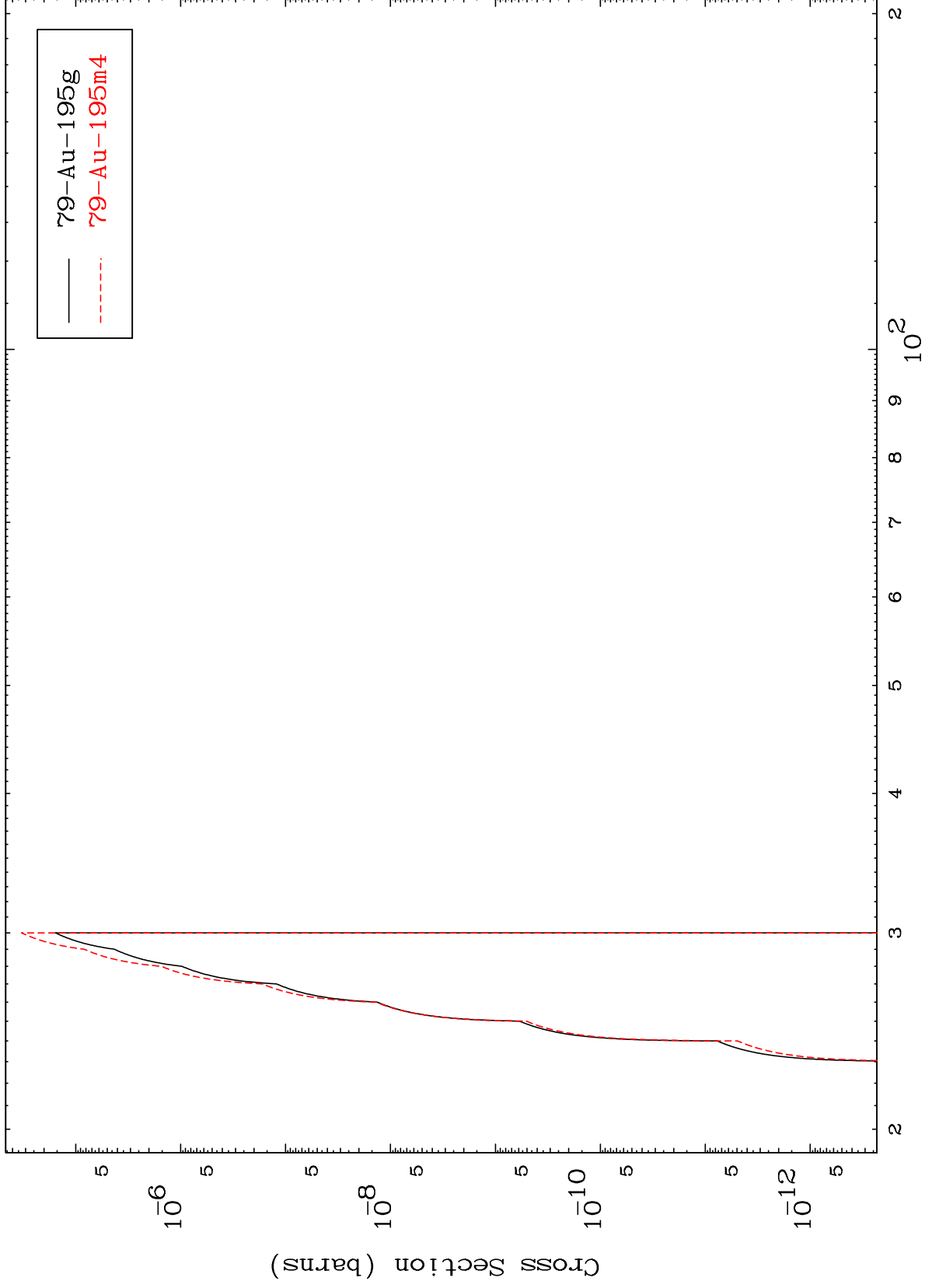
80-Hg-198

MAT 8031

(n,2n) d

80-Hg-198

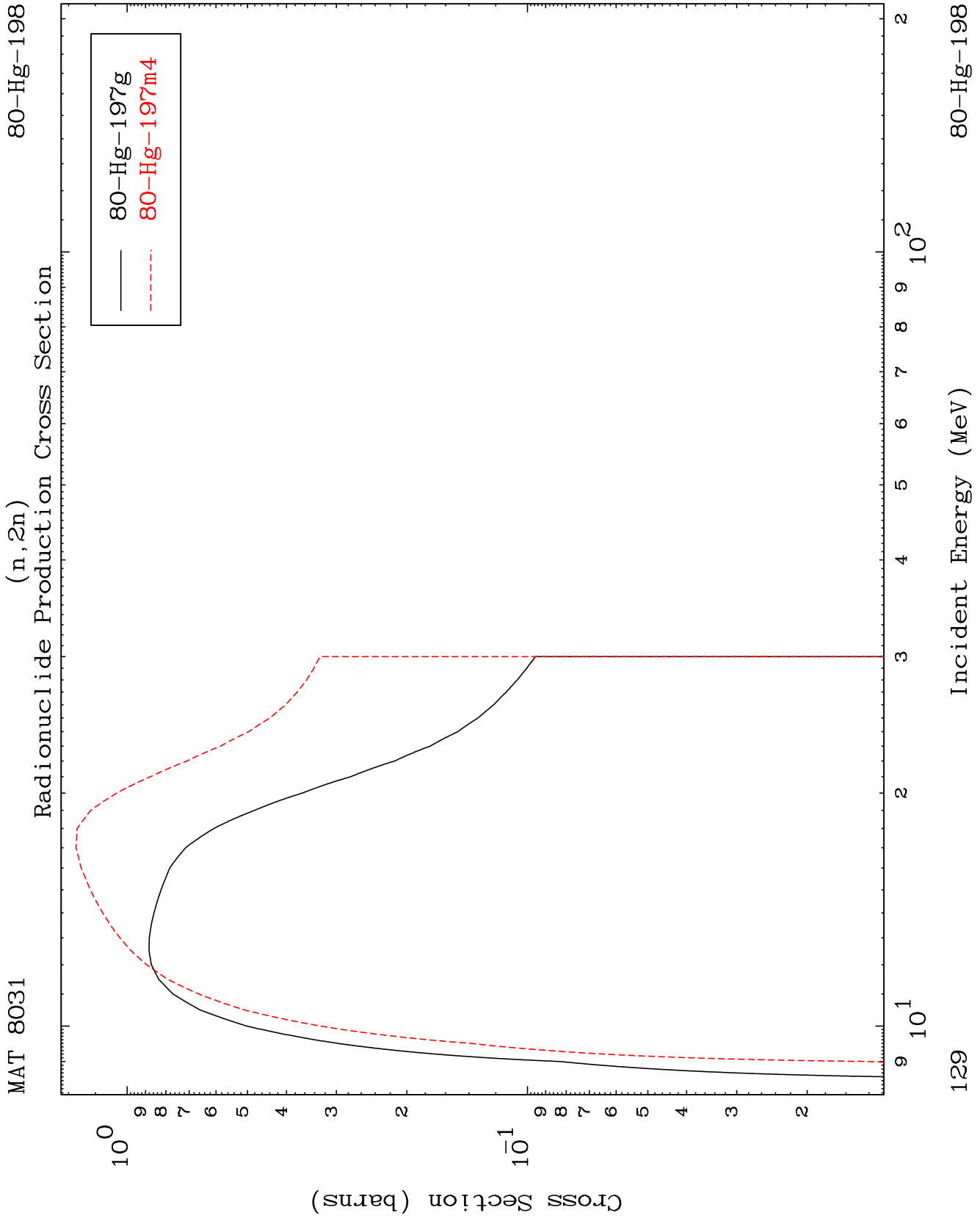
Radionuclide Production Cross Section



128

Incident Energy (MeV)

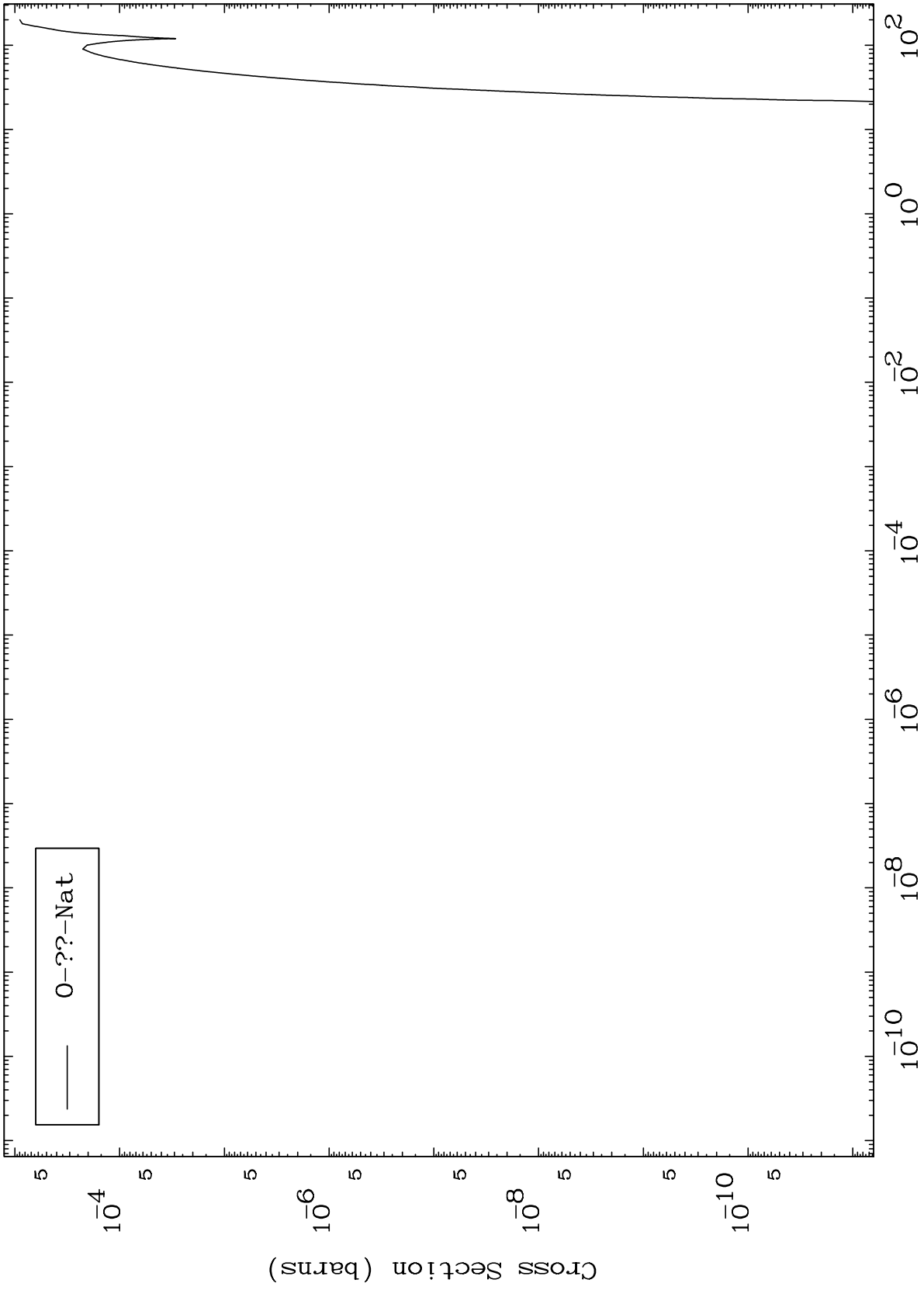
80-Hg-198



MAT 8031

Fission
Radionuclide Production Cross Section

80-Hg-198



130

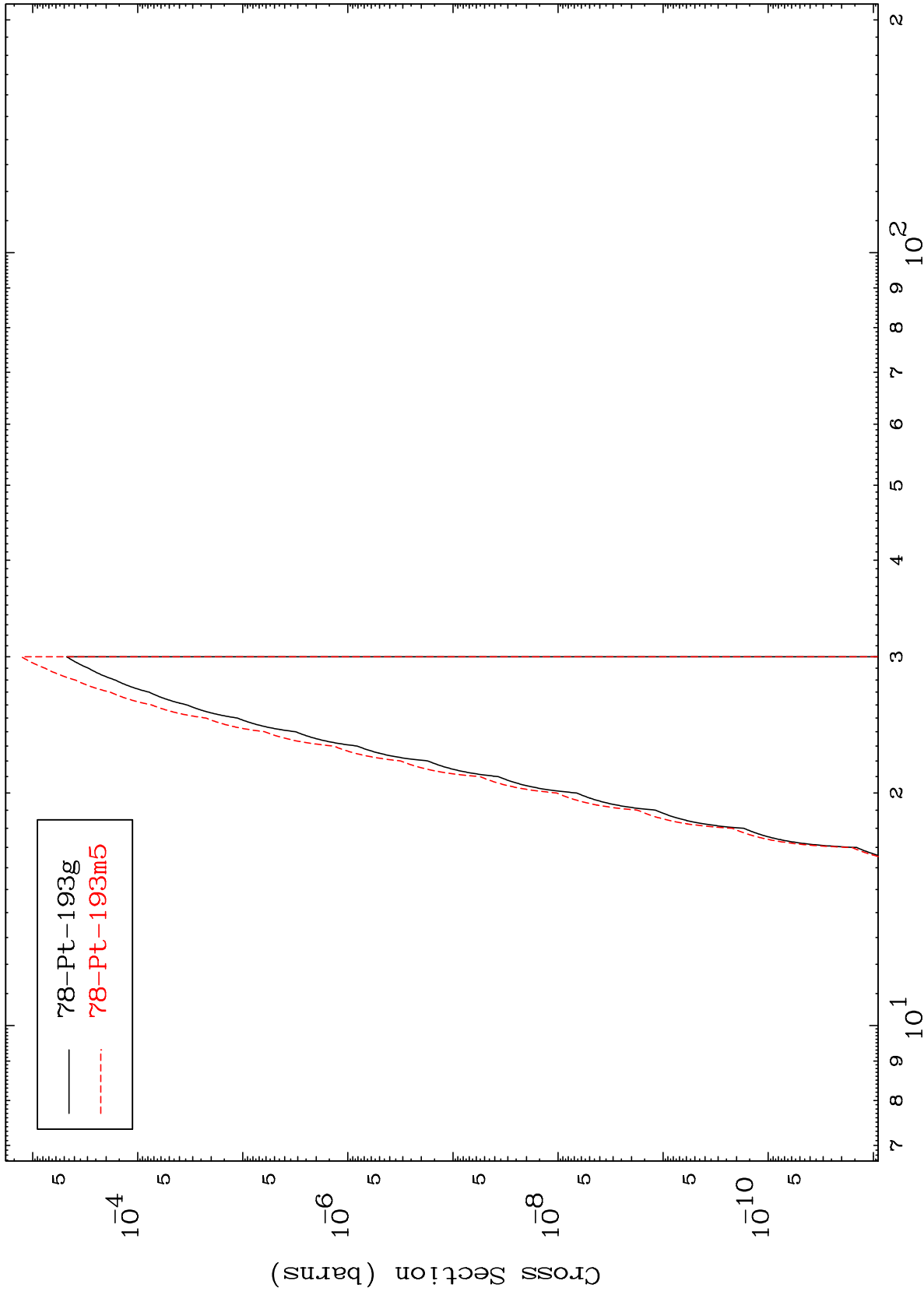
80-Hg-198

MAT 8031

$(n, 2n) \alpha$

80-Hg-198

Radionuclide Production Cross Section



131

Incident Energy (MeV)

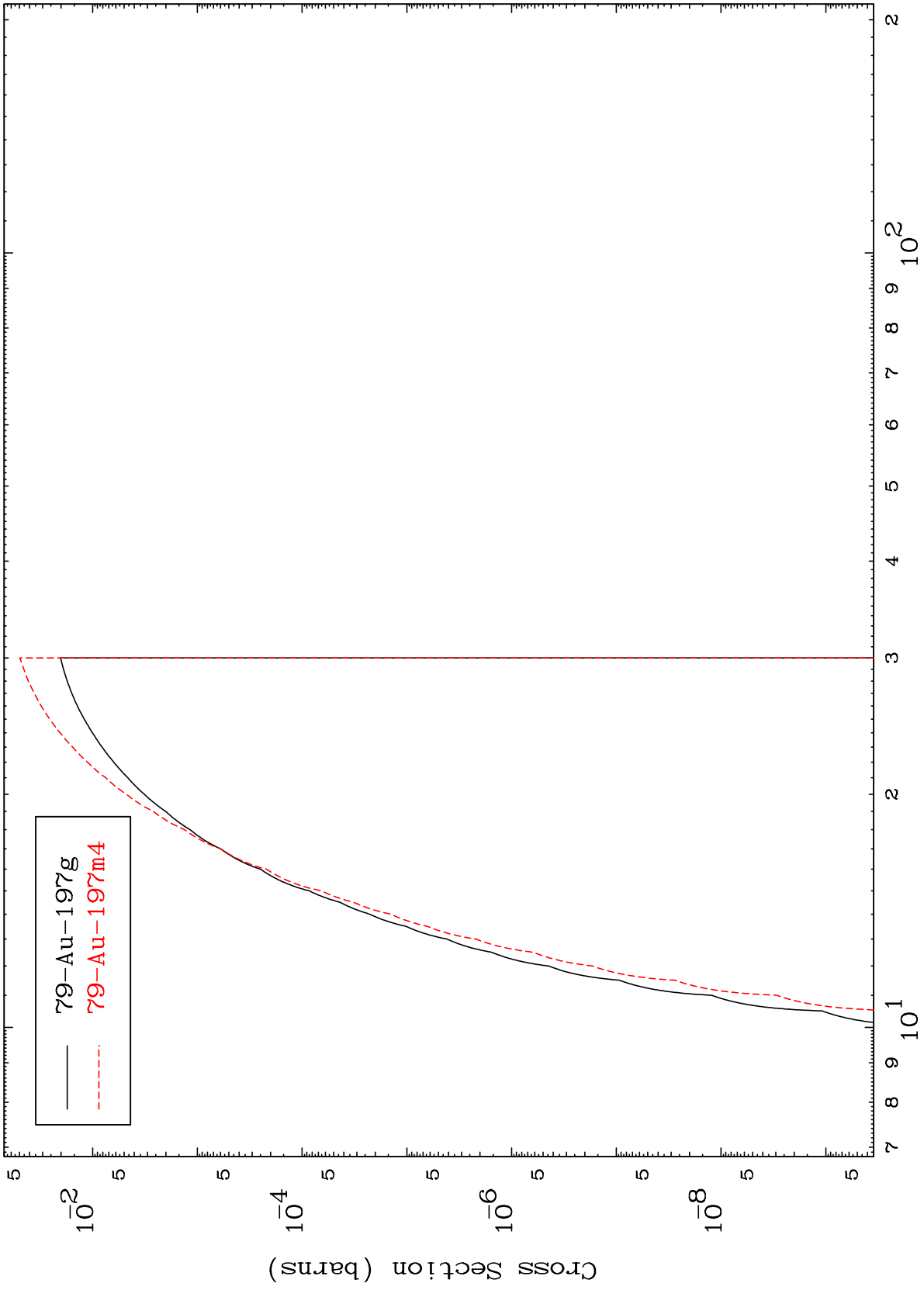
80-Hg-198

MAT 8031

(n,n') p

80-Hg-198

Radionuclide Production Cross Section



132

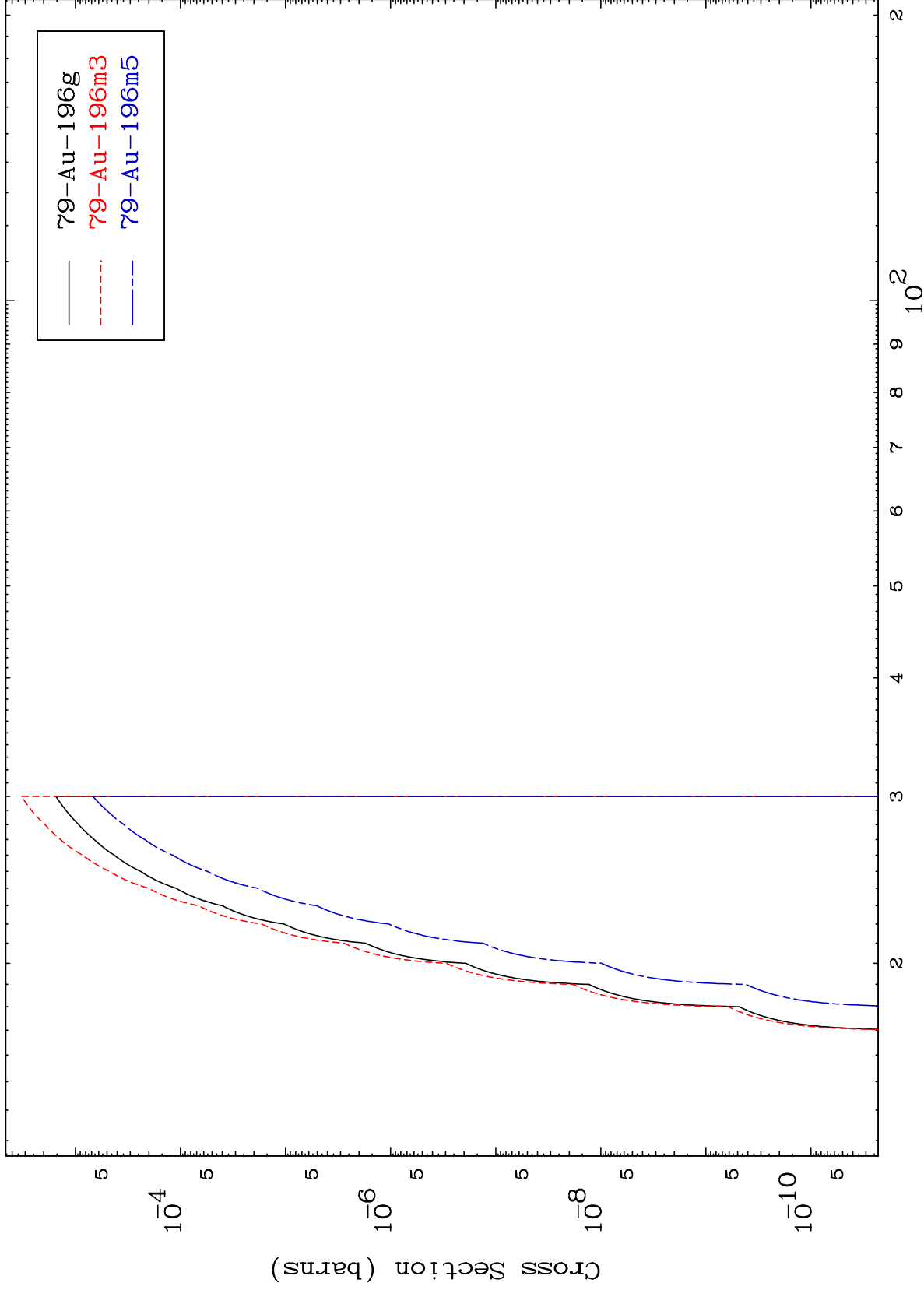
80-Hg-198

MAT 8031

(n,n') d

80-Hg-198

Radionuclide Production Cross Section



133

Incident Energy (MeV)

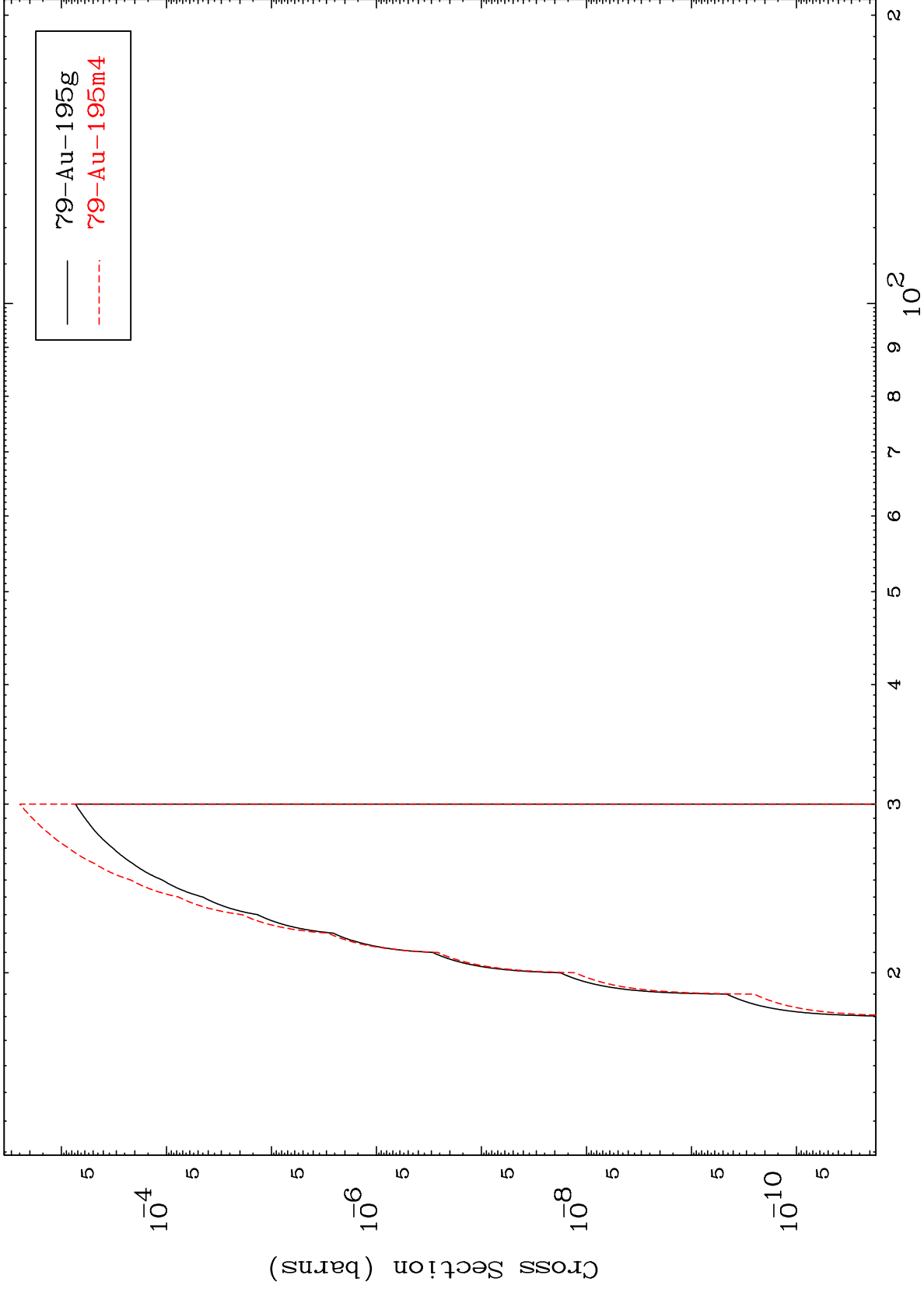
80-Hg-198

MAT 8031

(n,n') t

80-Hg-198

Radionuclide Production Cross Section



134

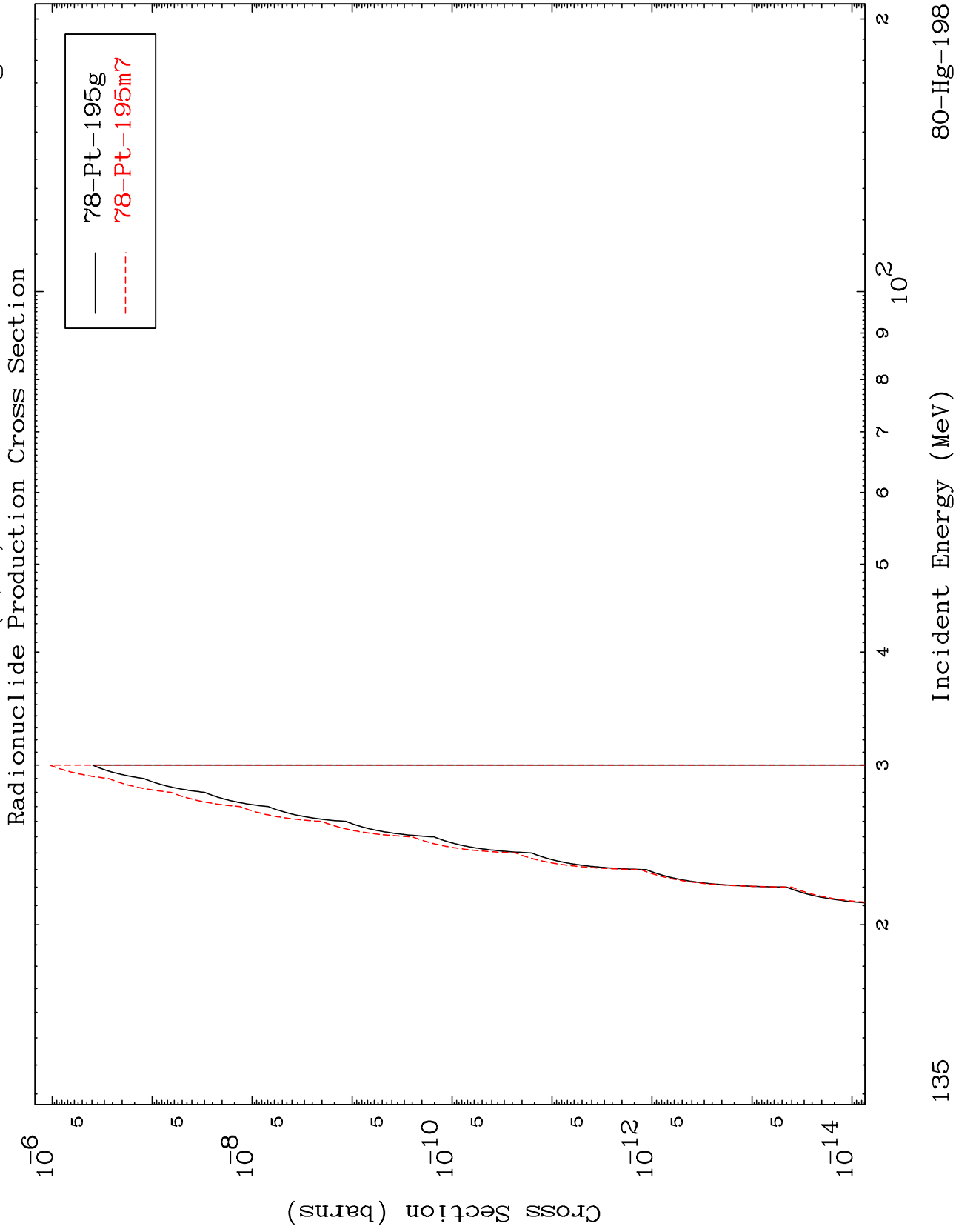
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n, n') He-3

80-Hg-198

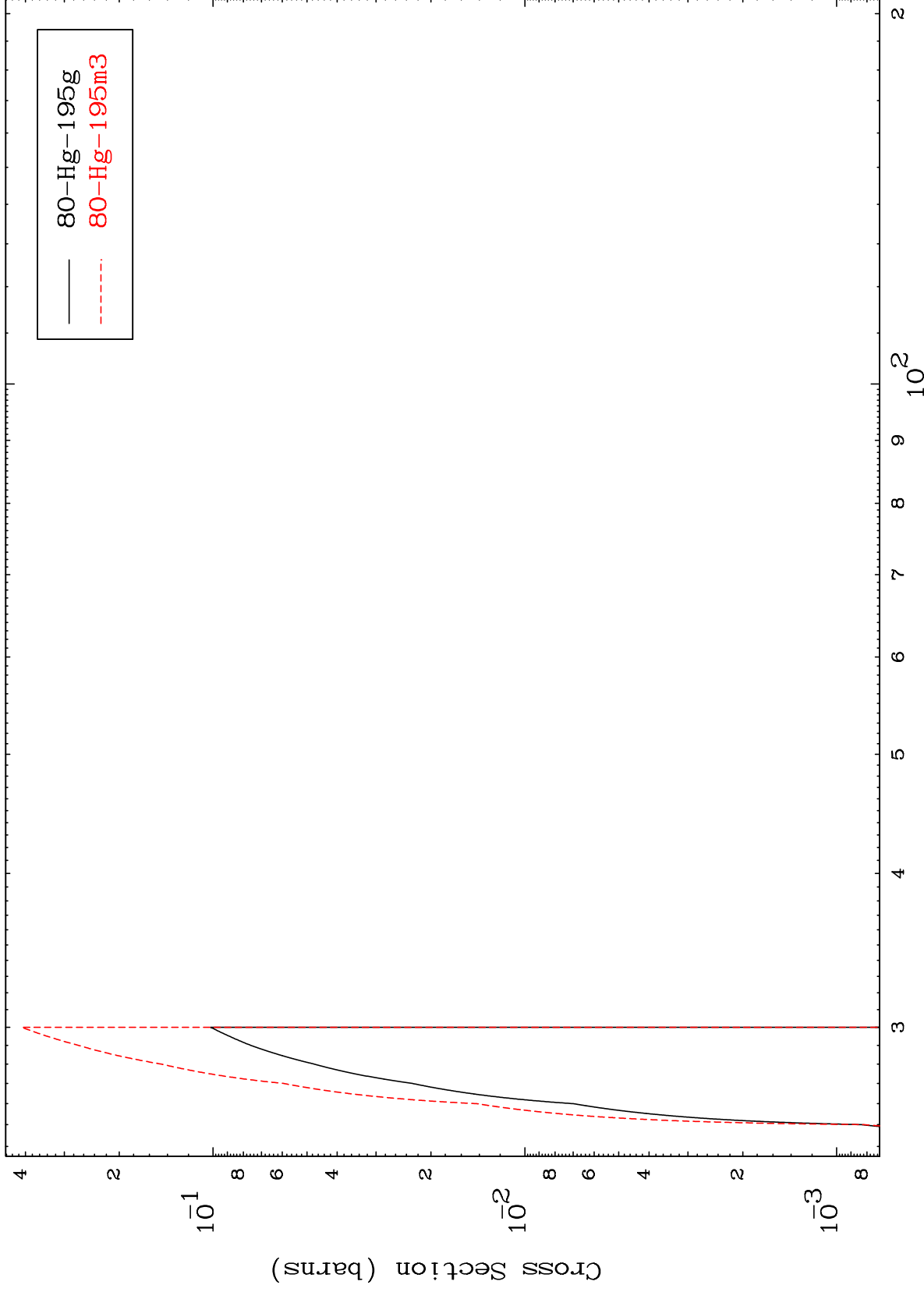


MAT 8031

(n,4n)

80-Hg-198

Radionuclide Production Cross Section



136

Incident Energy (MeV)

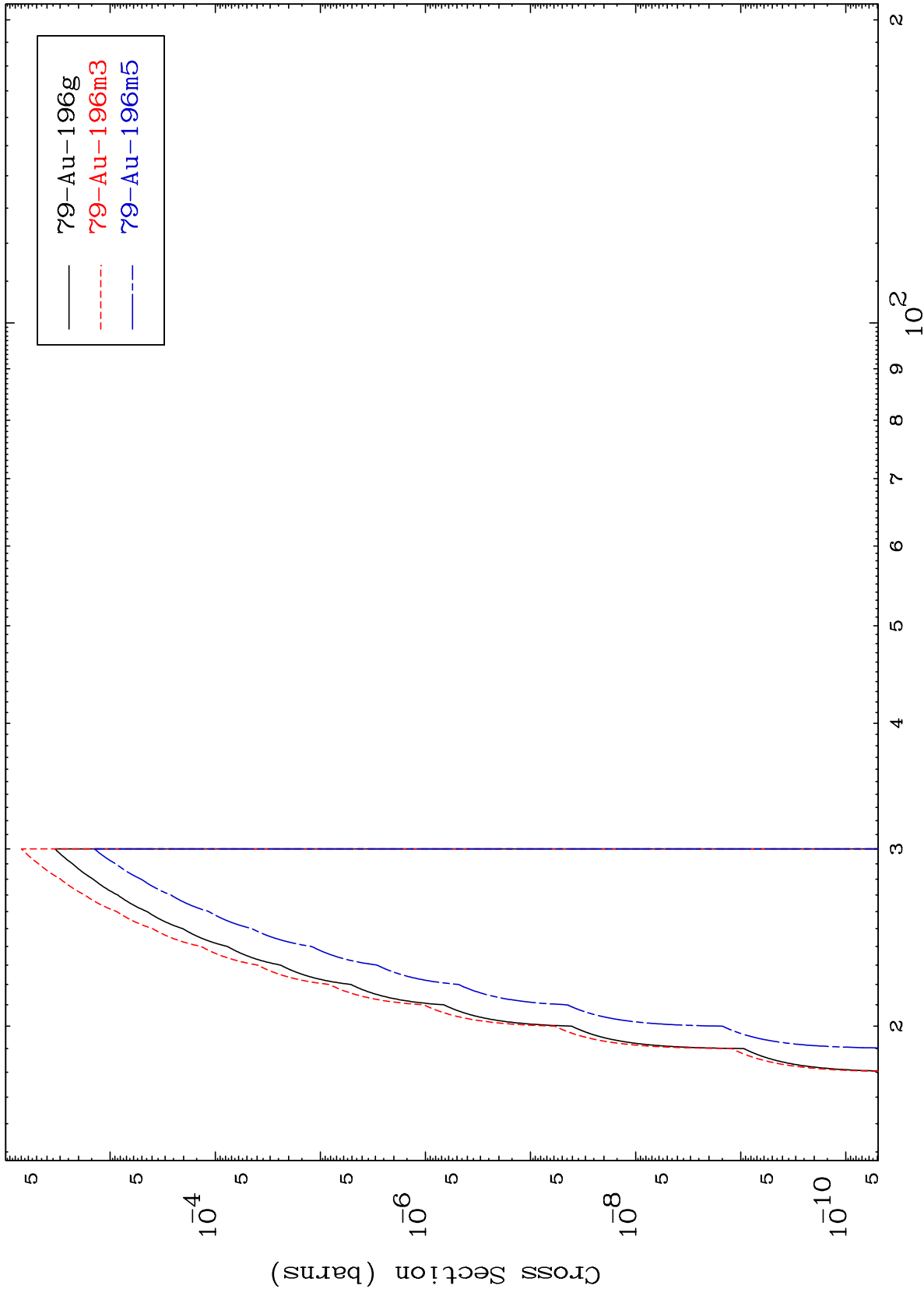
80-Hg-198

MAT 8031

(n,2n) p

80-Hg-198

Radionuclide Production Cross Section



137

Incident Energy (MeV)

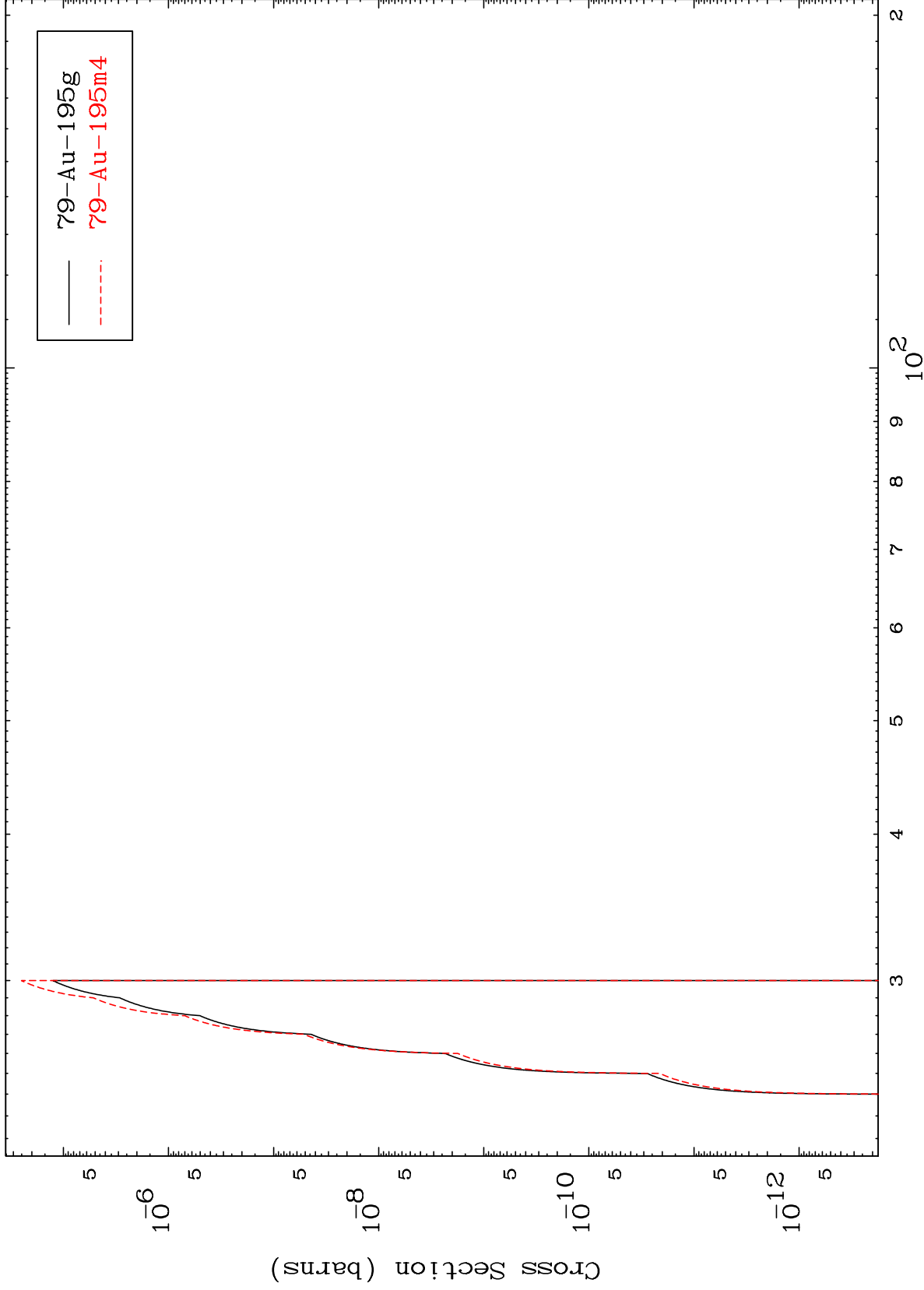
80-Hg-198

MAT 8031

(n,3n) p

80-Hg-198

Radionuclide Production Cross Section



138

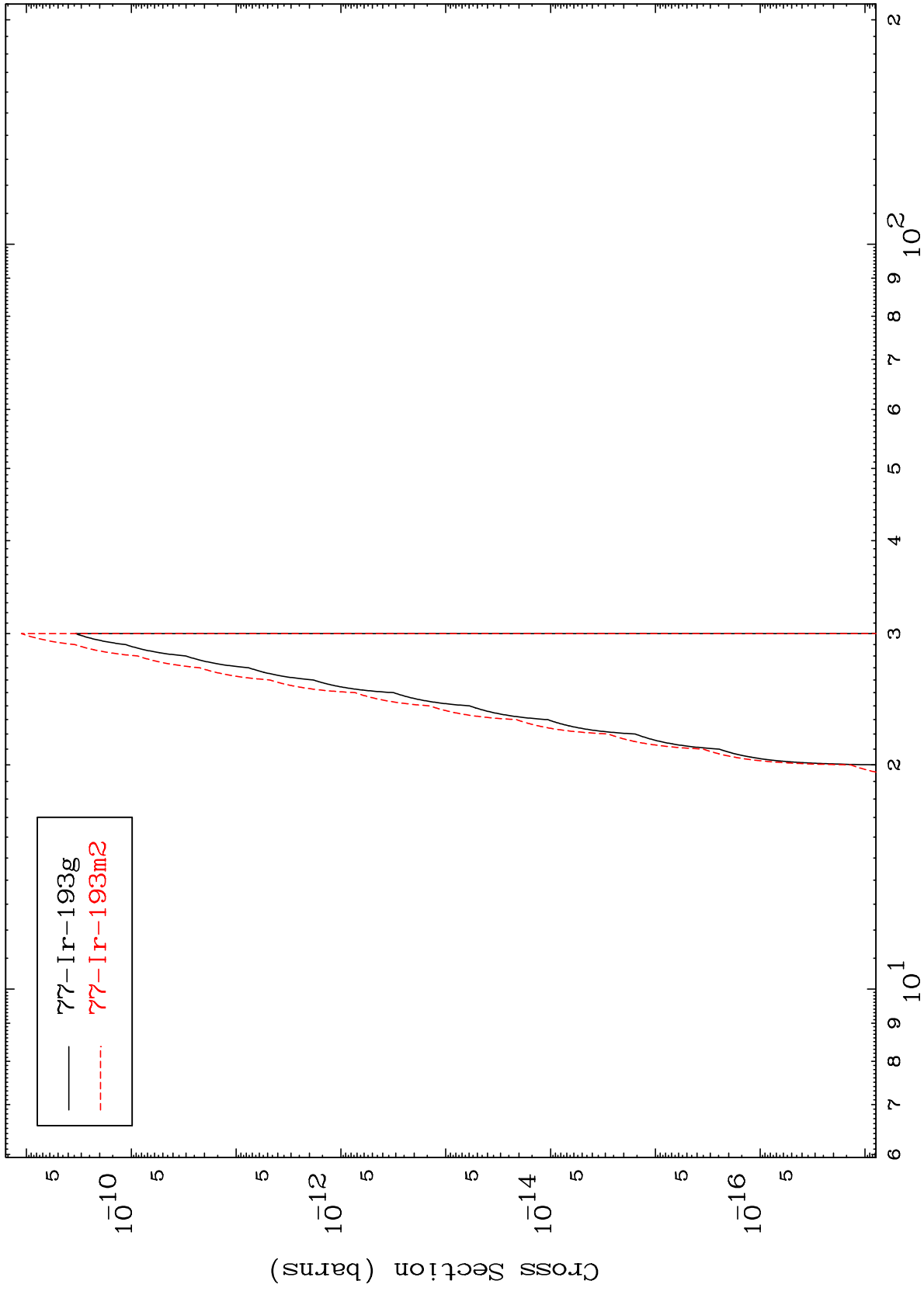
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

(n,n') p α
Radionuclide Production Cross Section



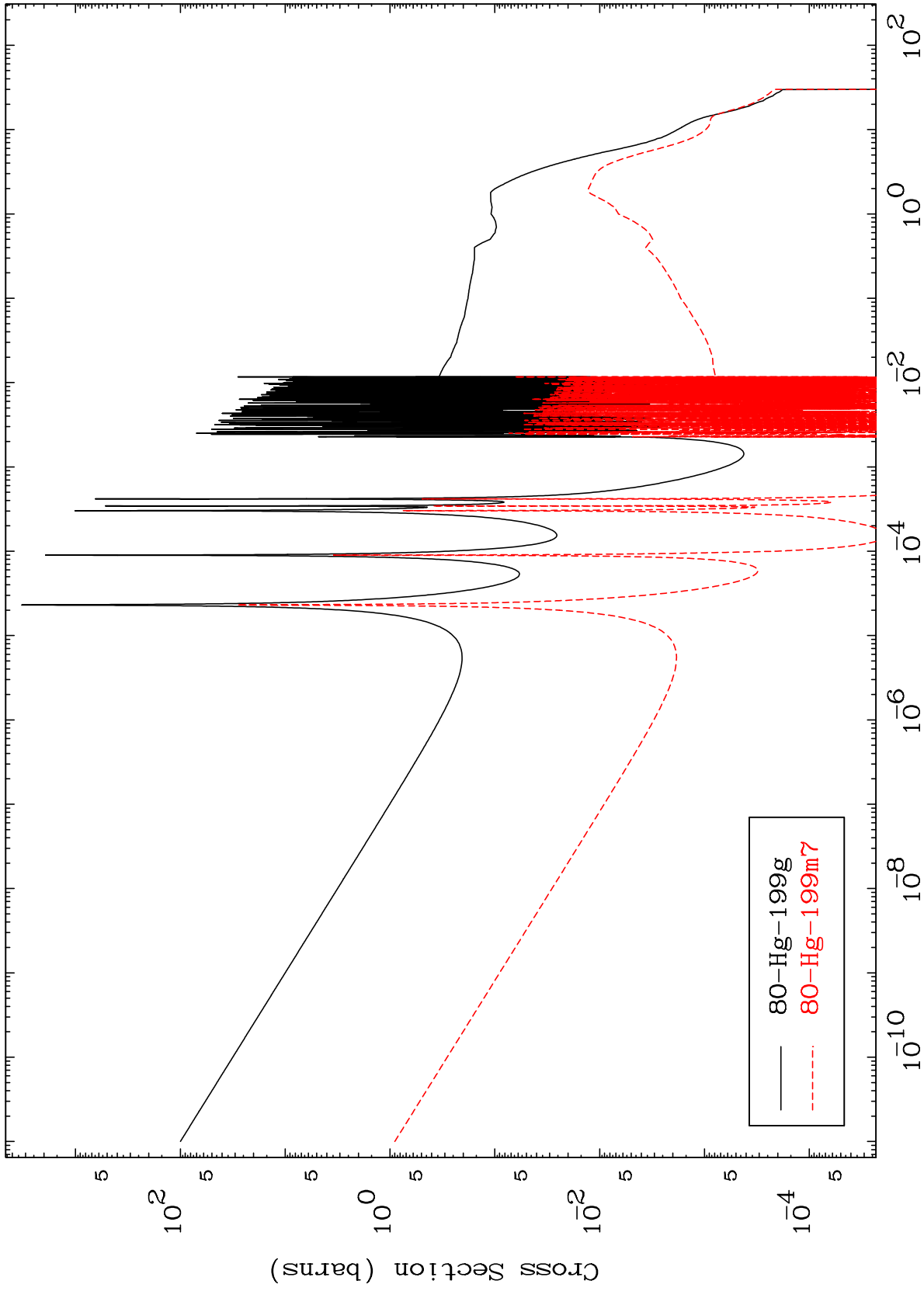
139

80-Hg-198

MAT 8031

80-Hg-198

Radionuclide Production Cross Section
(n,γ)



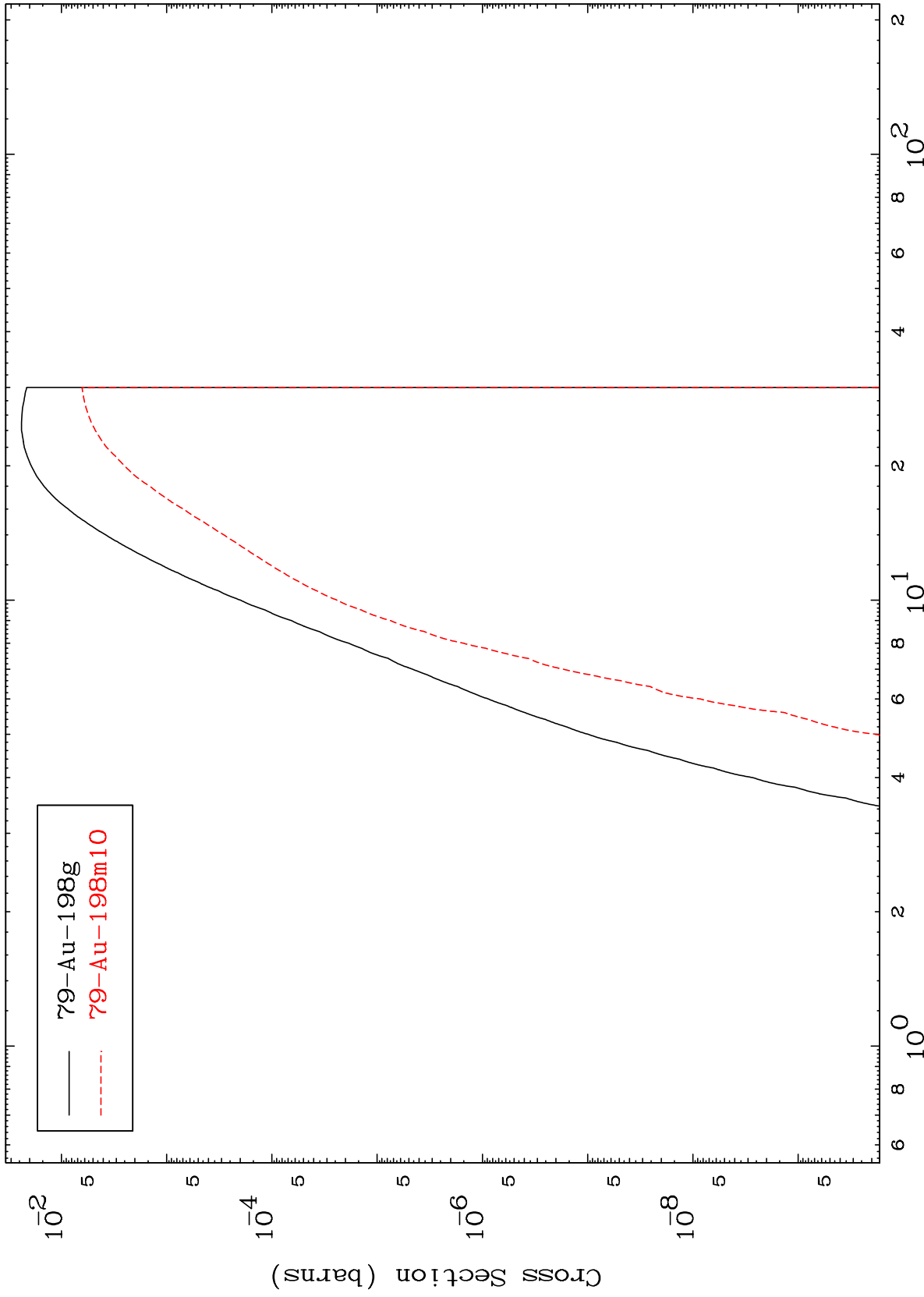
140

MAT 8031

(n,p)

80-Hg-198

Radionuclide Production Cross Section



141

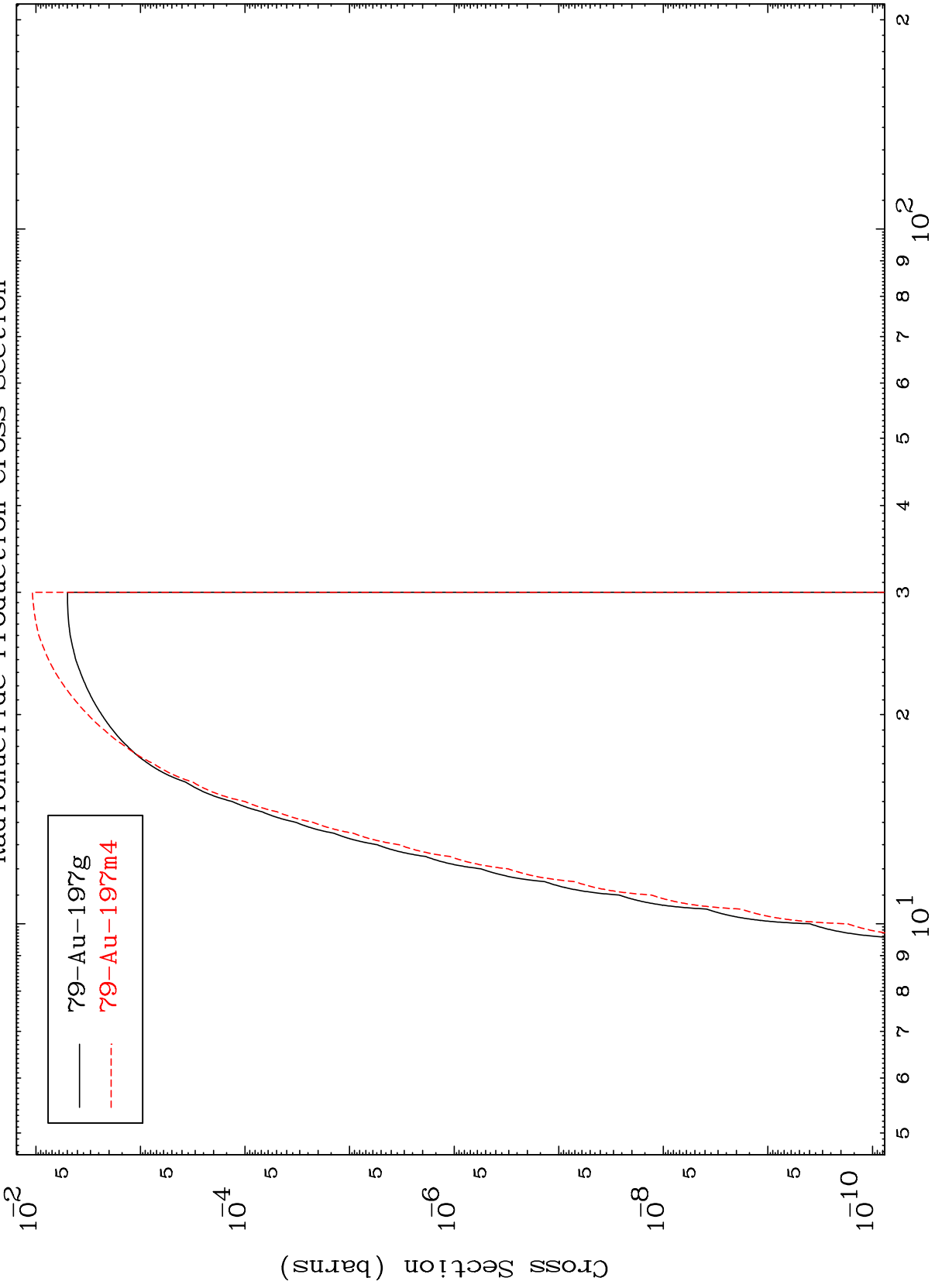
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

(n,d)
Radionuclide Production Cross Section



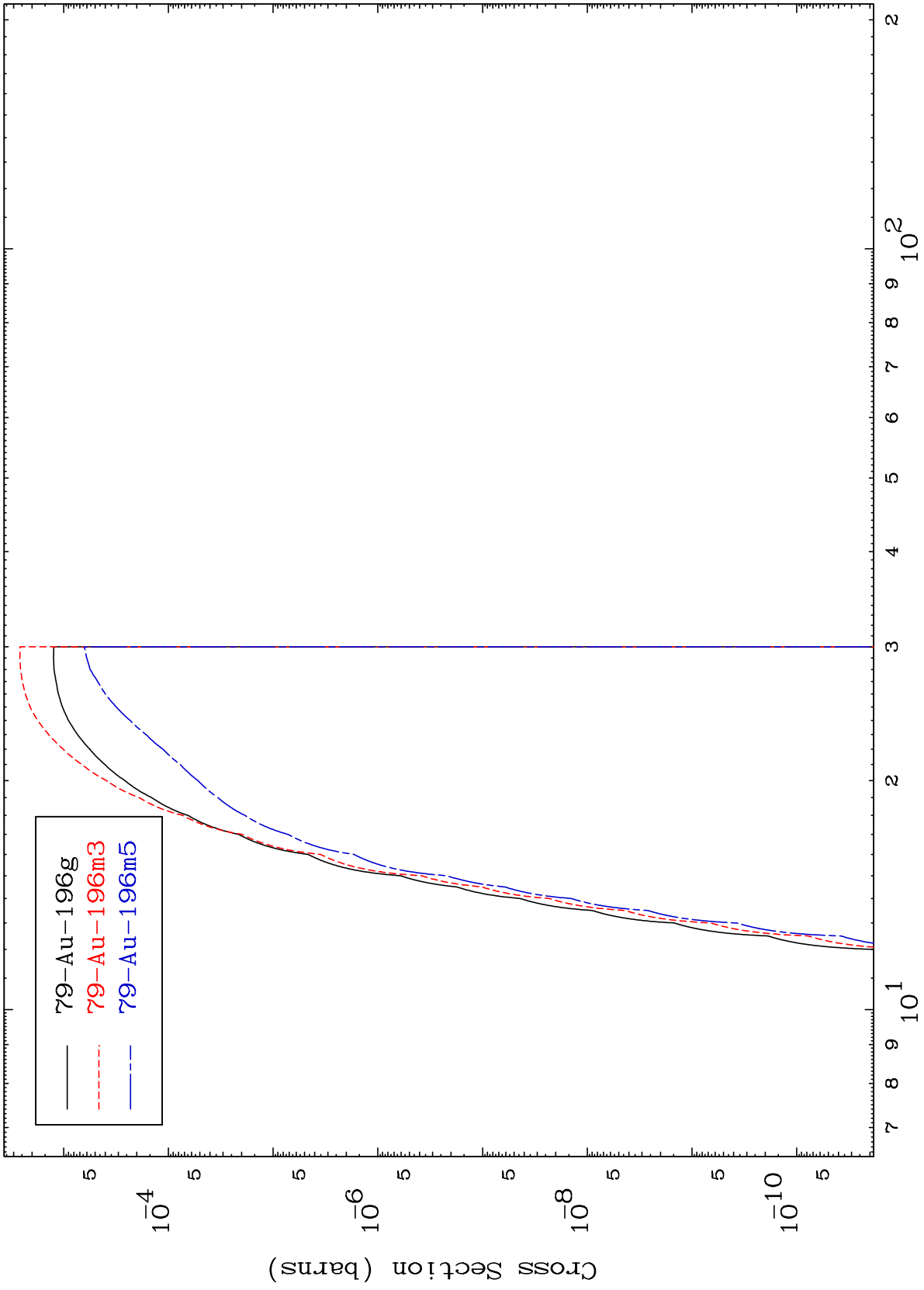
142

80-Hg-198

MAT 8031

80-Hg-198

(n, t)
Radionuclide Production Cross Section



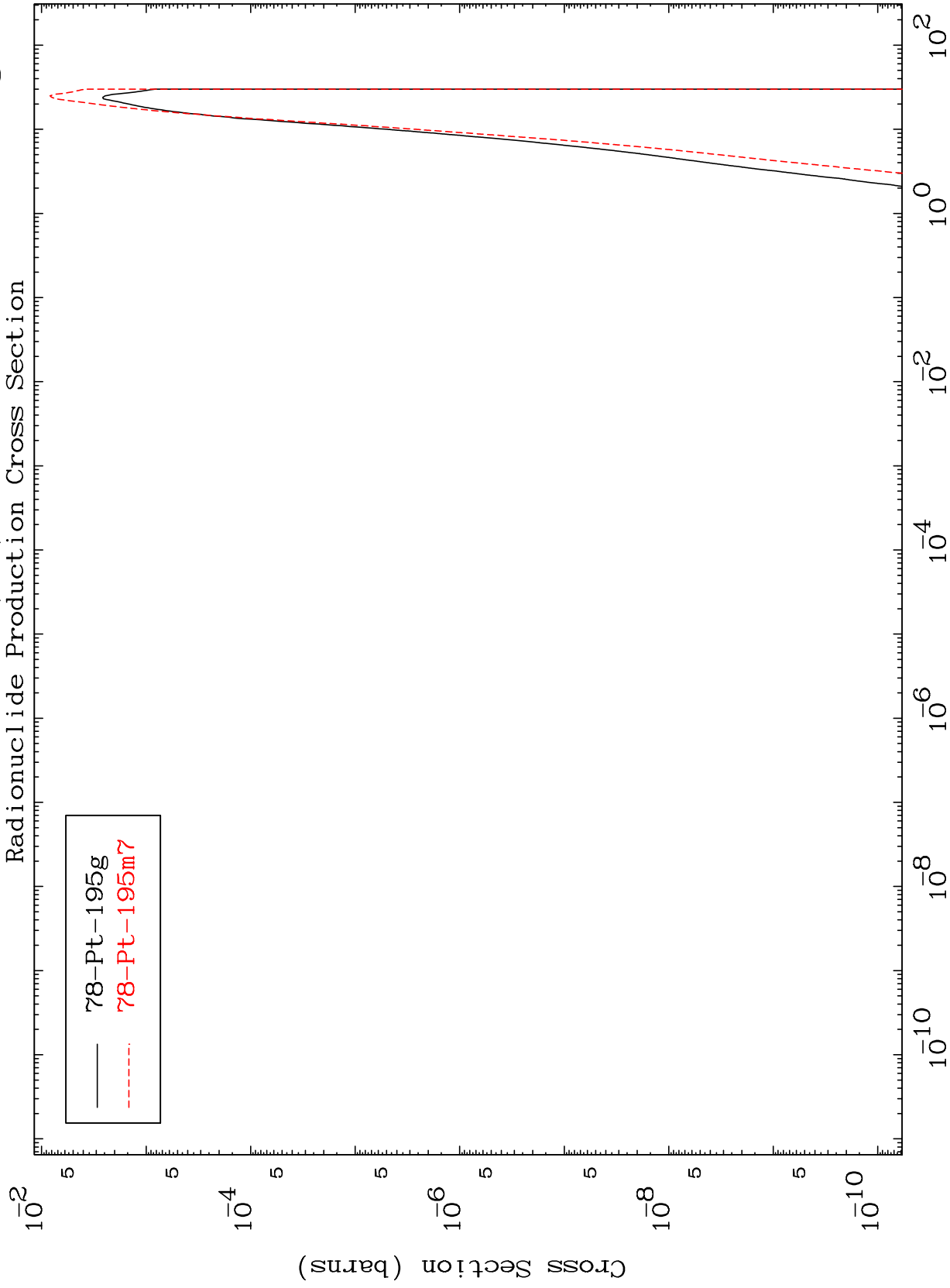
143

80-Hg-198

MAT 8031

(n, α)
Radionuclide Production Cross Section

80-Hg-198



144

Incident Energy (MeV)

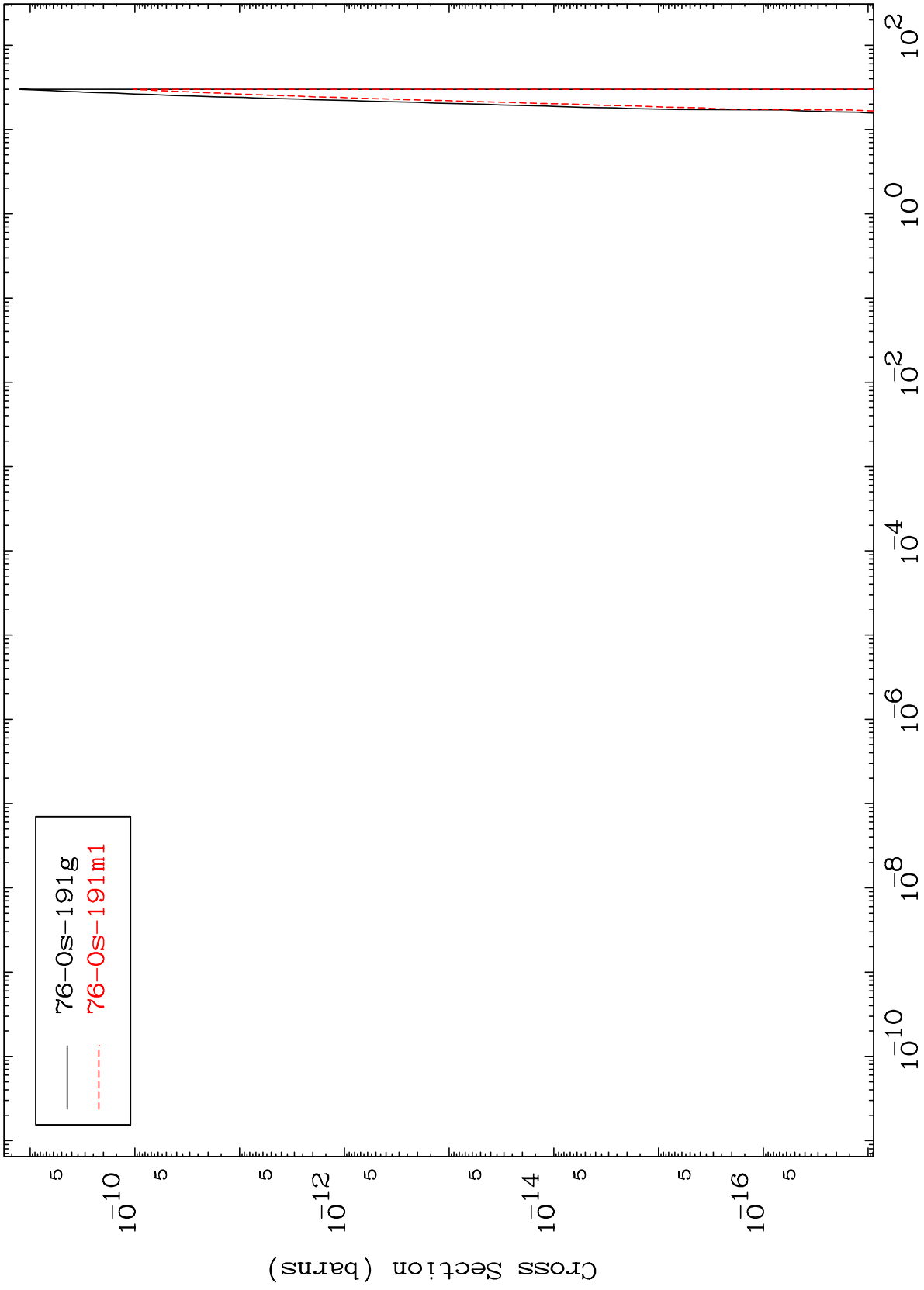
80-Hg-198

MAT 8031

(n,2α)

80-Hg-198

Radionuclide Production Cross Section



145

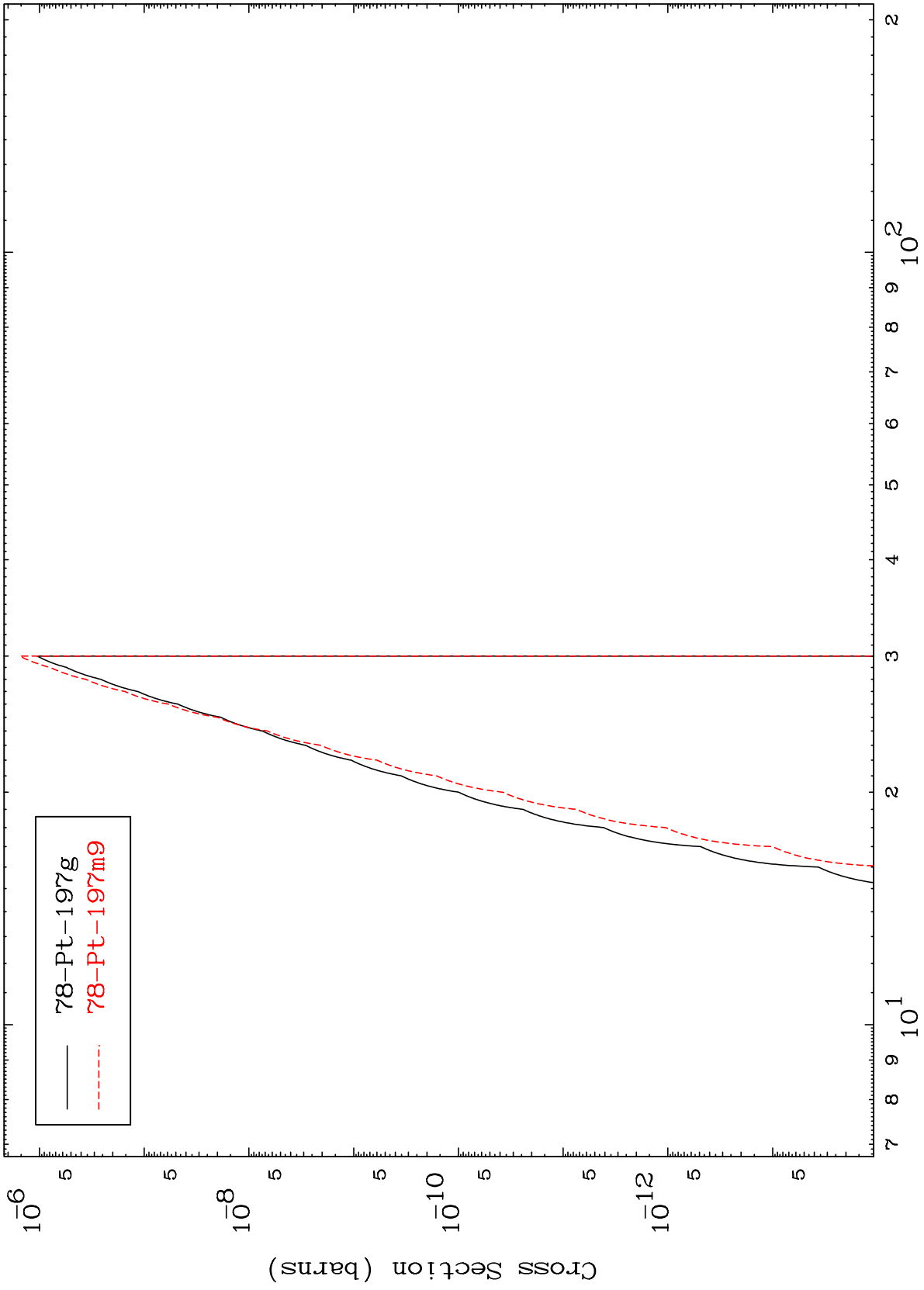
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

Radionuclide Production Cross Section
(n,2p)



146

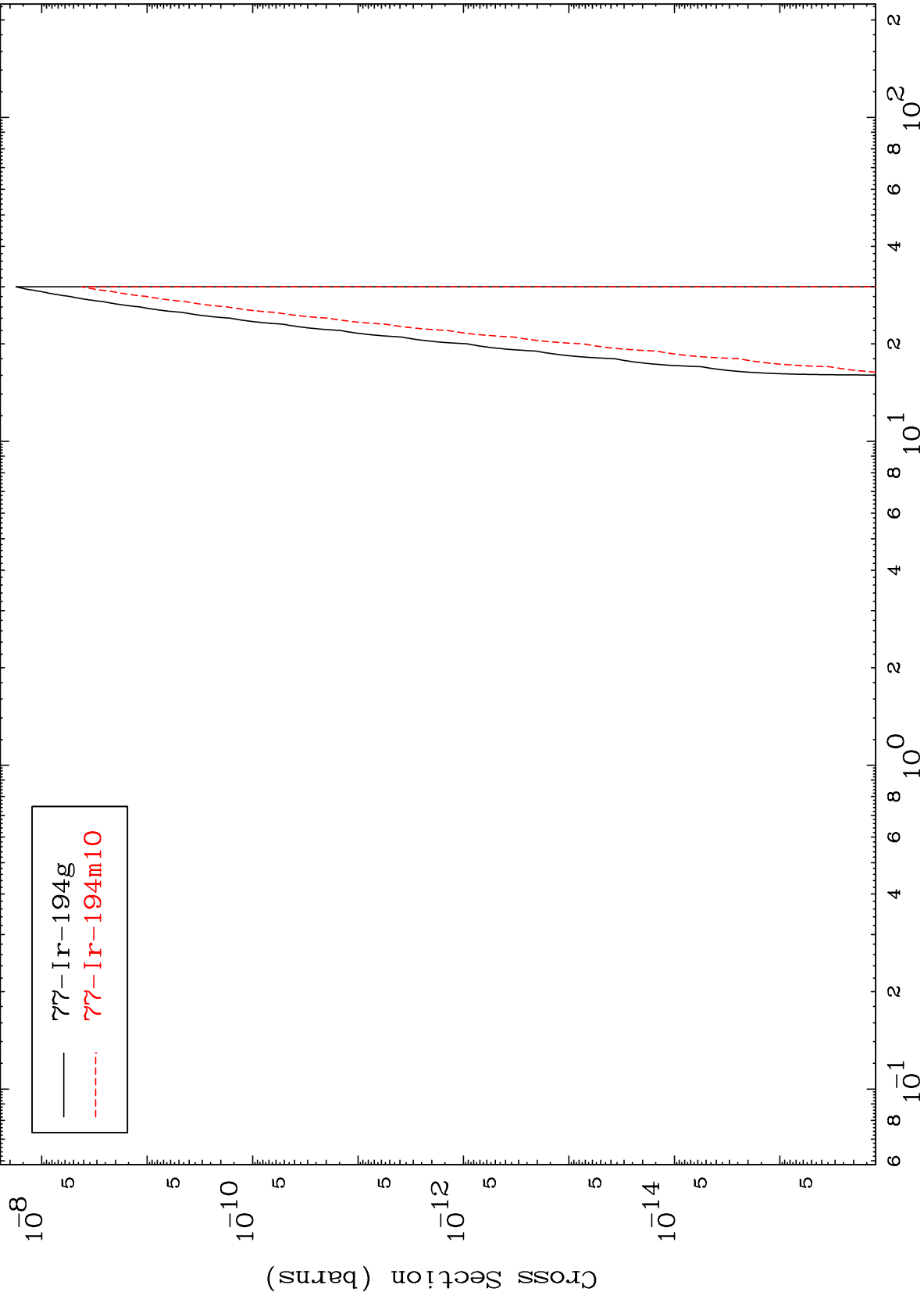
80-Hg-198

MAT 8031

(n,p) α

80-Hg-198

Radionuclide Production Cross Section

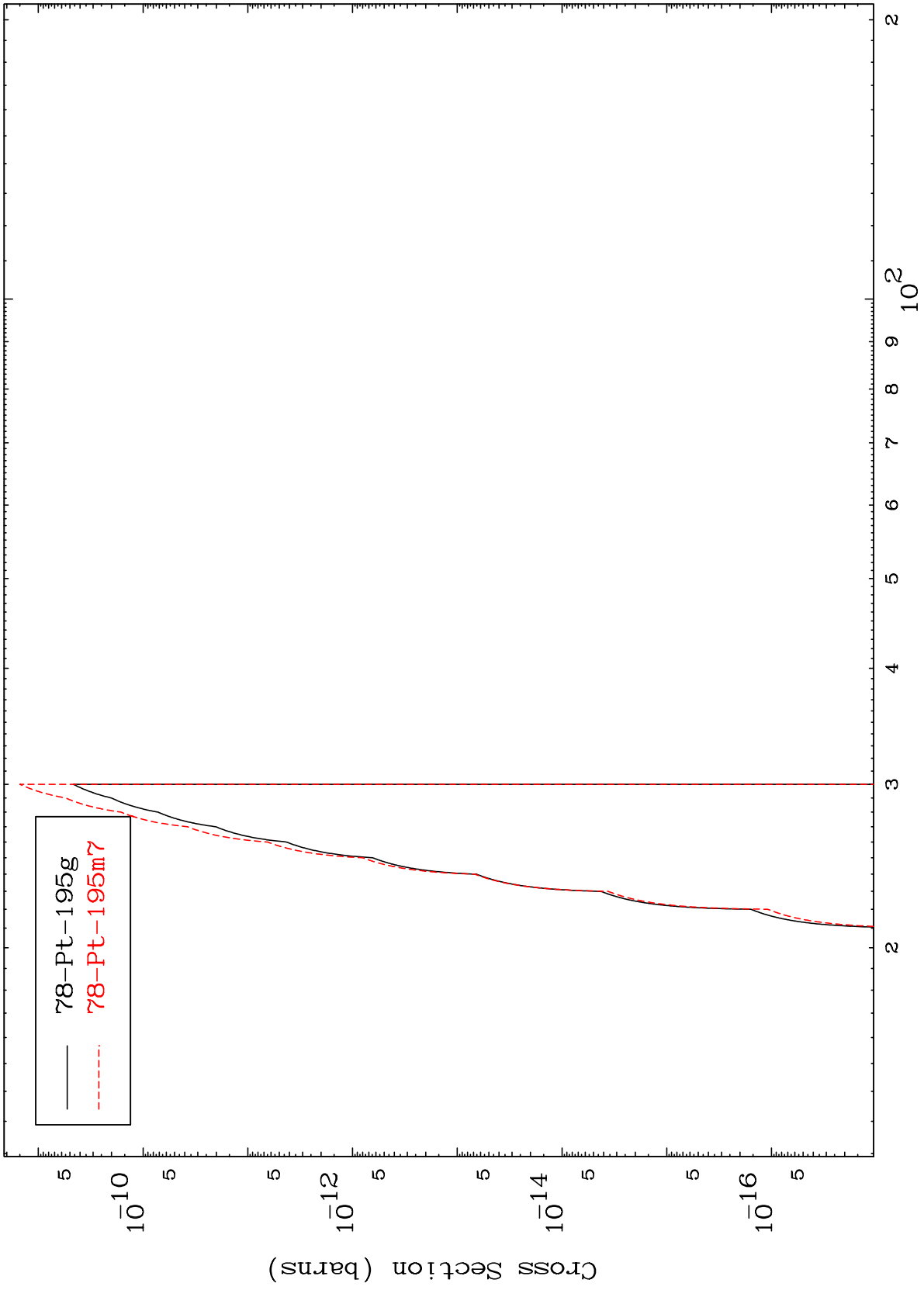


MAT 8031

(n,p) t

80-Hg-198

Radionuclide Production Cross Section



148

Incident Energy (MeV)

80-Hg-198