

Program EVALPLOT
(Version 2018-1)

by

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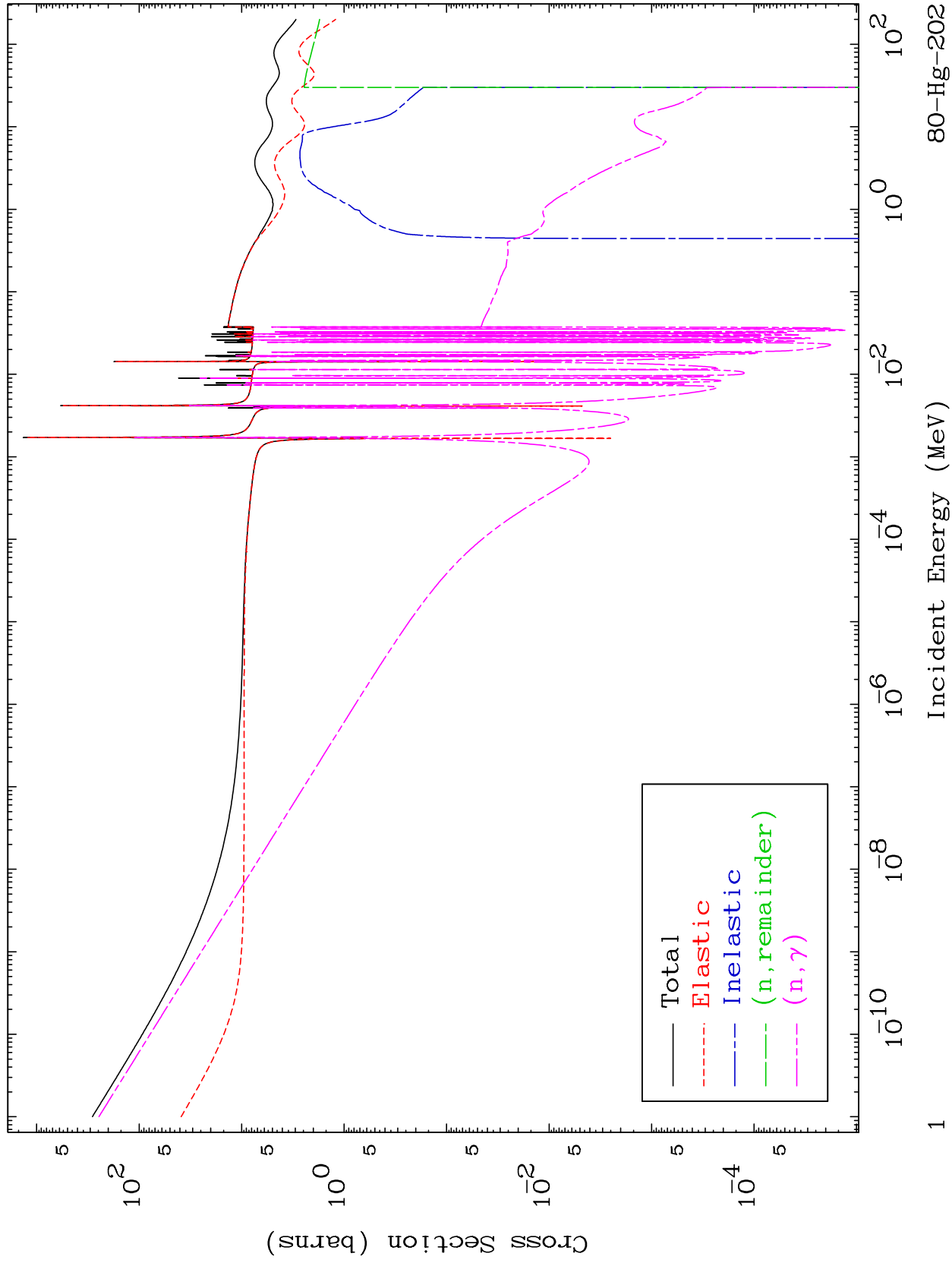
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8043

Major
293 Kelvin Cross Sections

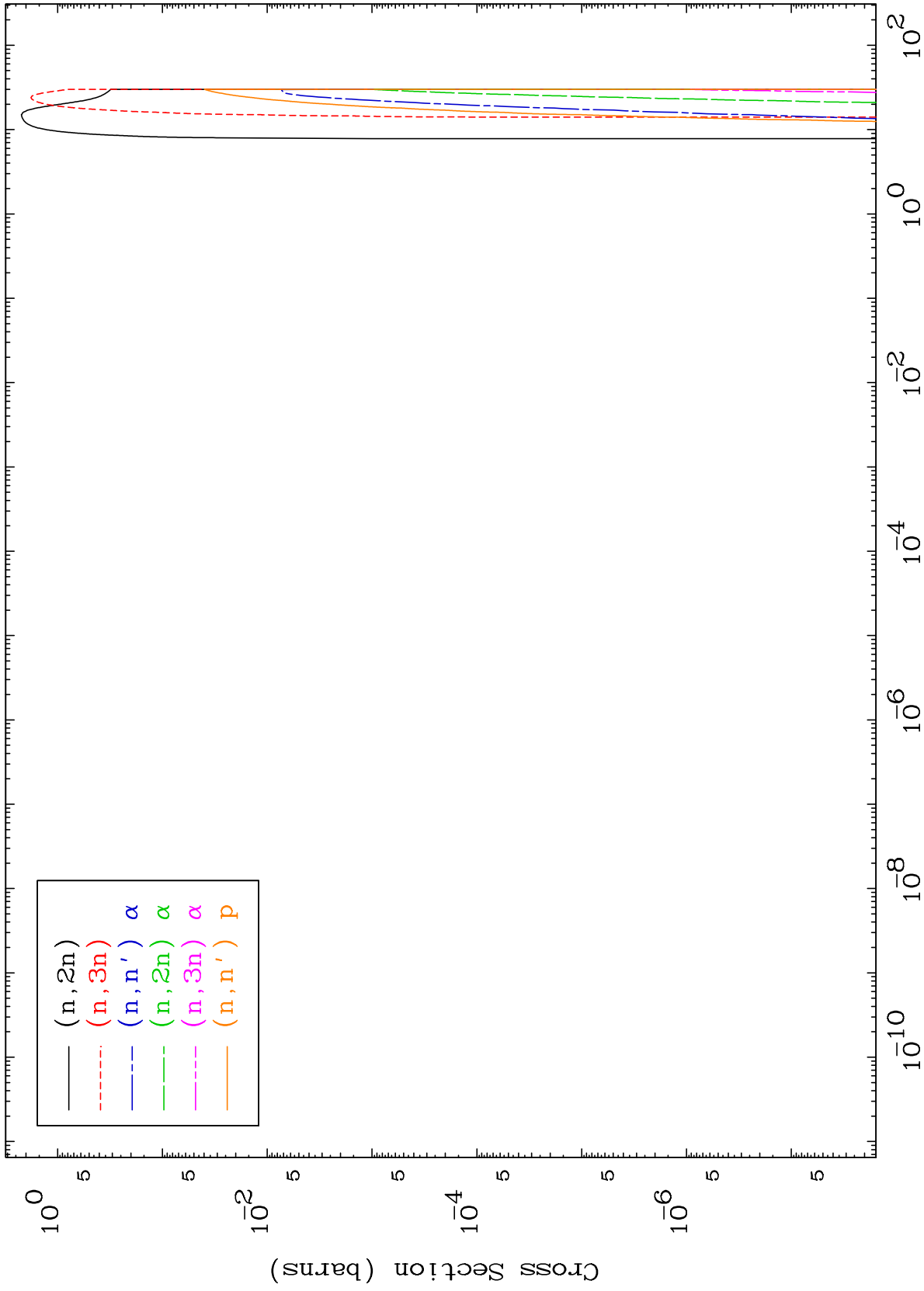
80-Hg-202



MAT 8043

Neutron Production
293 Kelvin Cross Sections

80-Hg-202



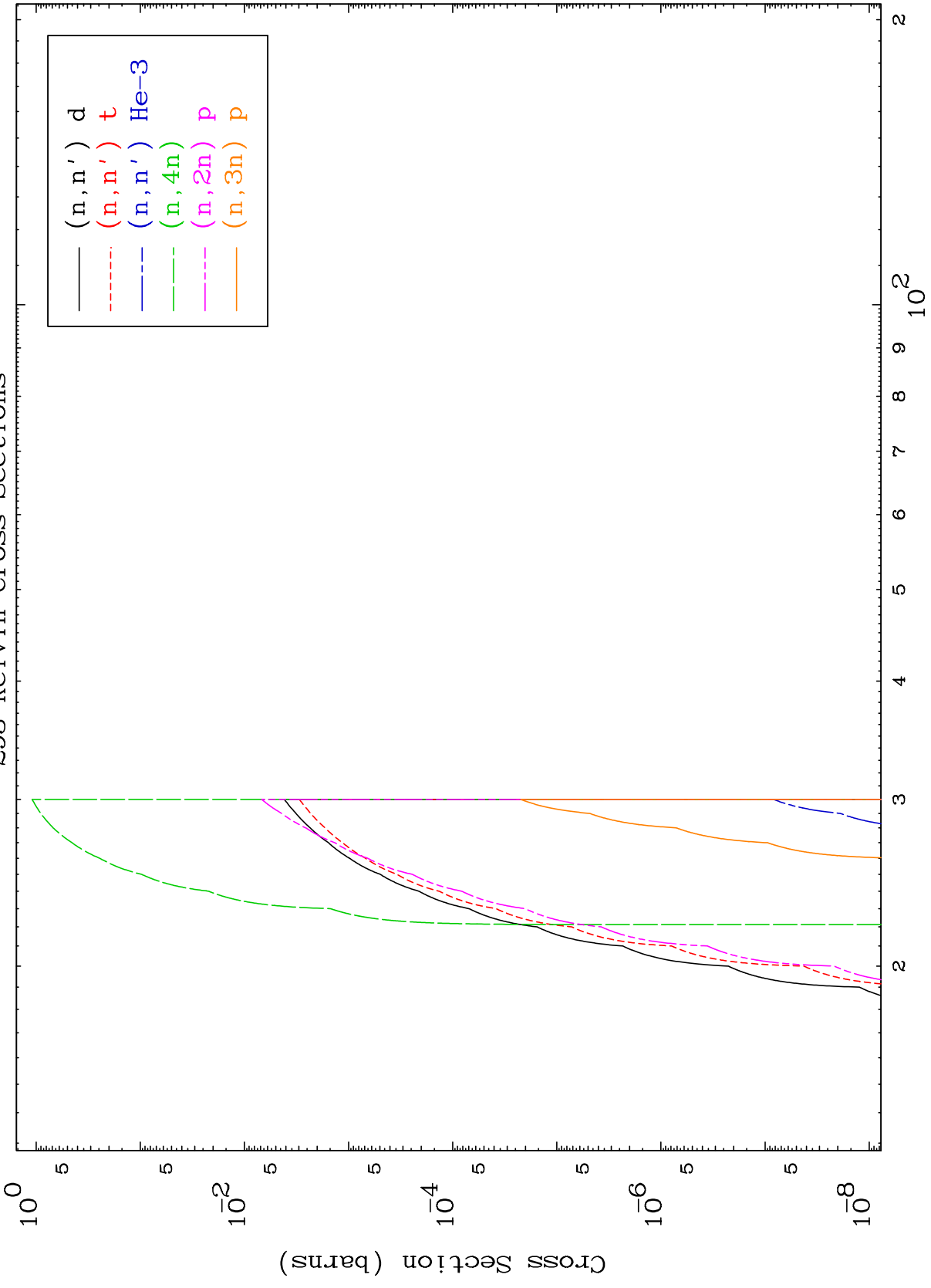
2

80-Hg-202

MAT 8043

Neutron Production
293 Kelvin Cross Sections

80-Hg-202



3

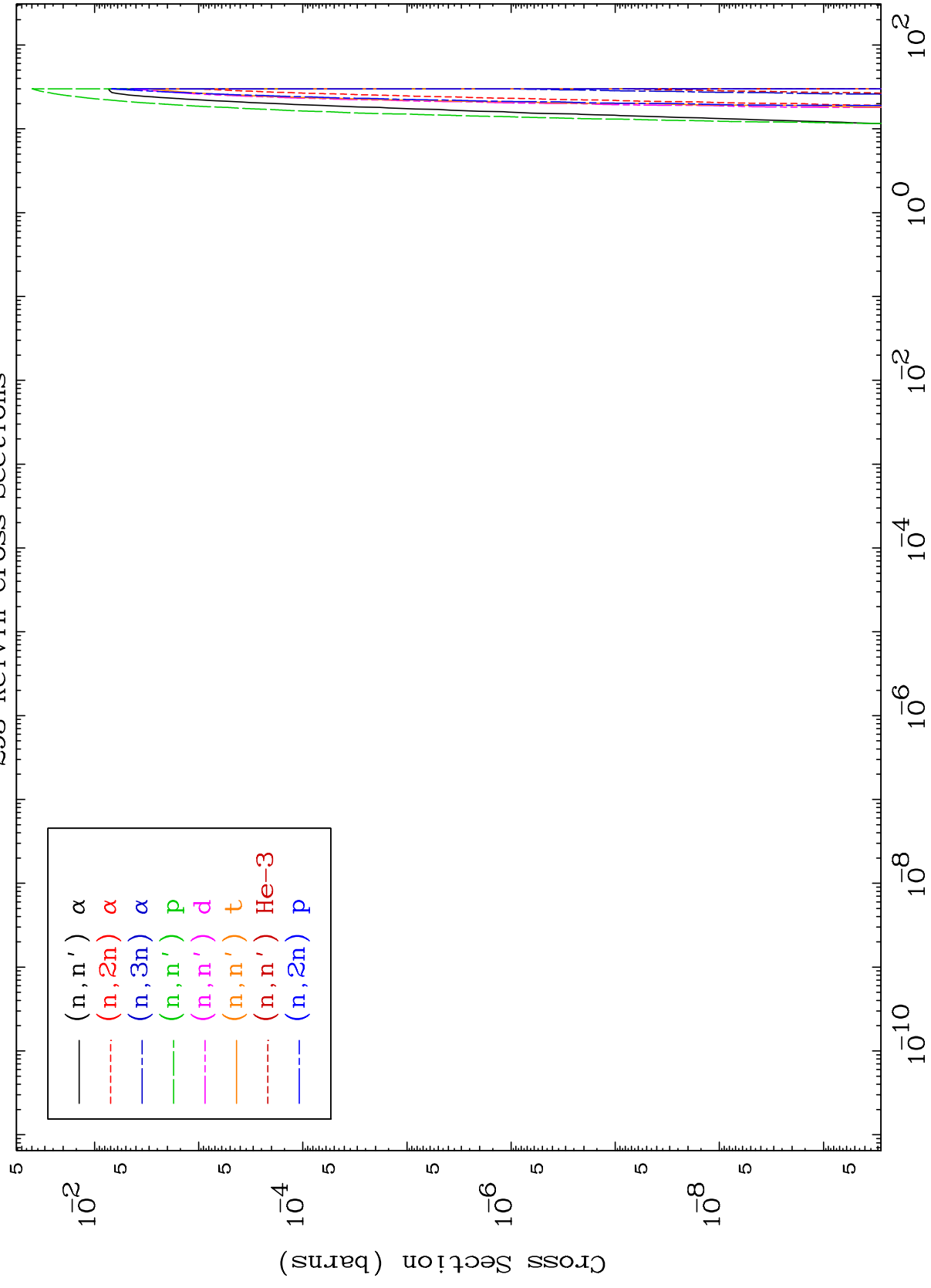
Incident Energy (MeV)

80-Hg-202

MAT 8043

293 Kelvin Cross Sections

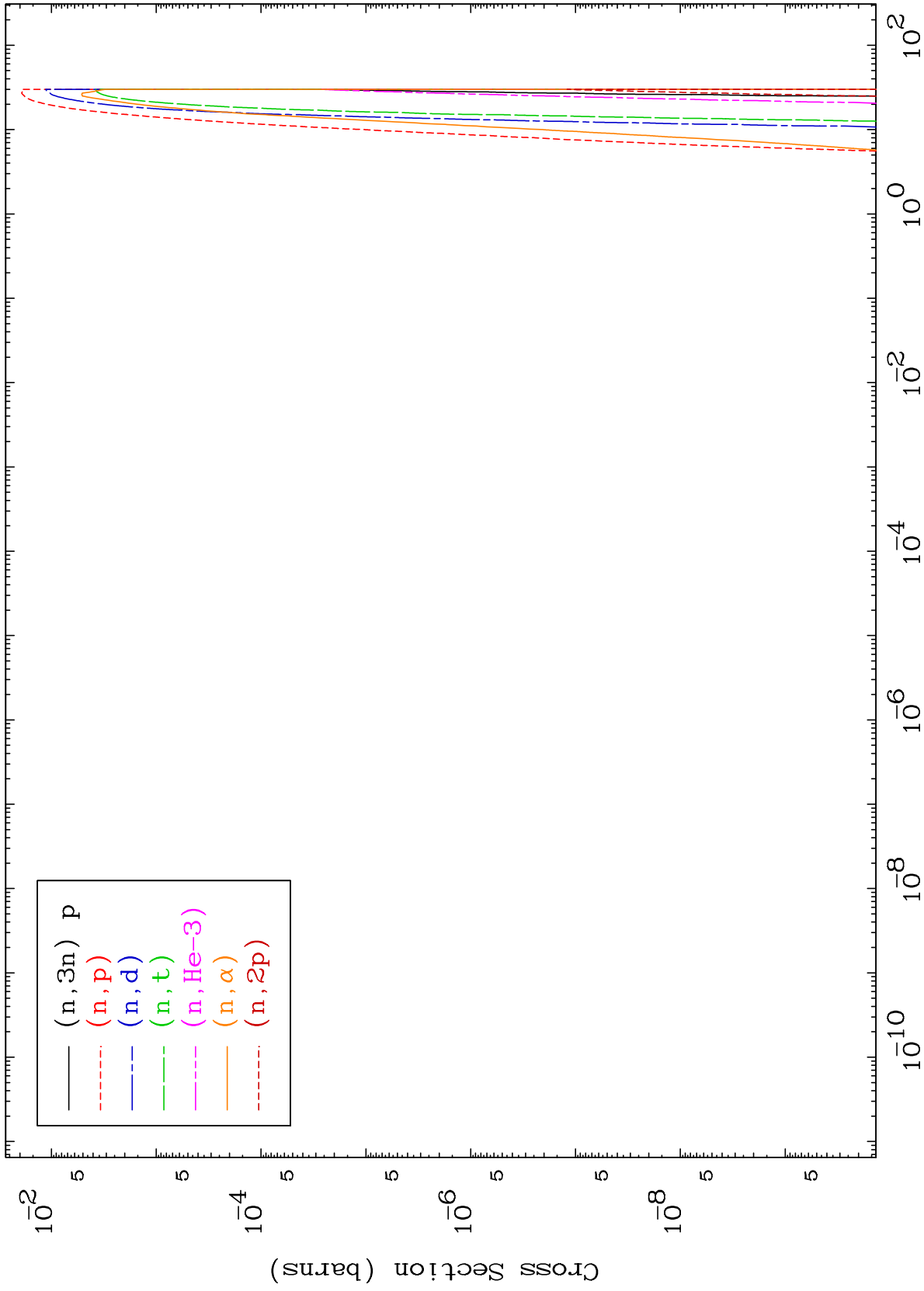
80-Hg-202



MAT 8043

293 Kelvin Cross Sections
Charged Particle

80-Hg-202



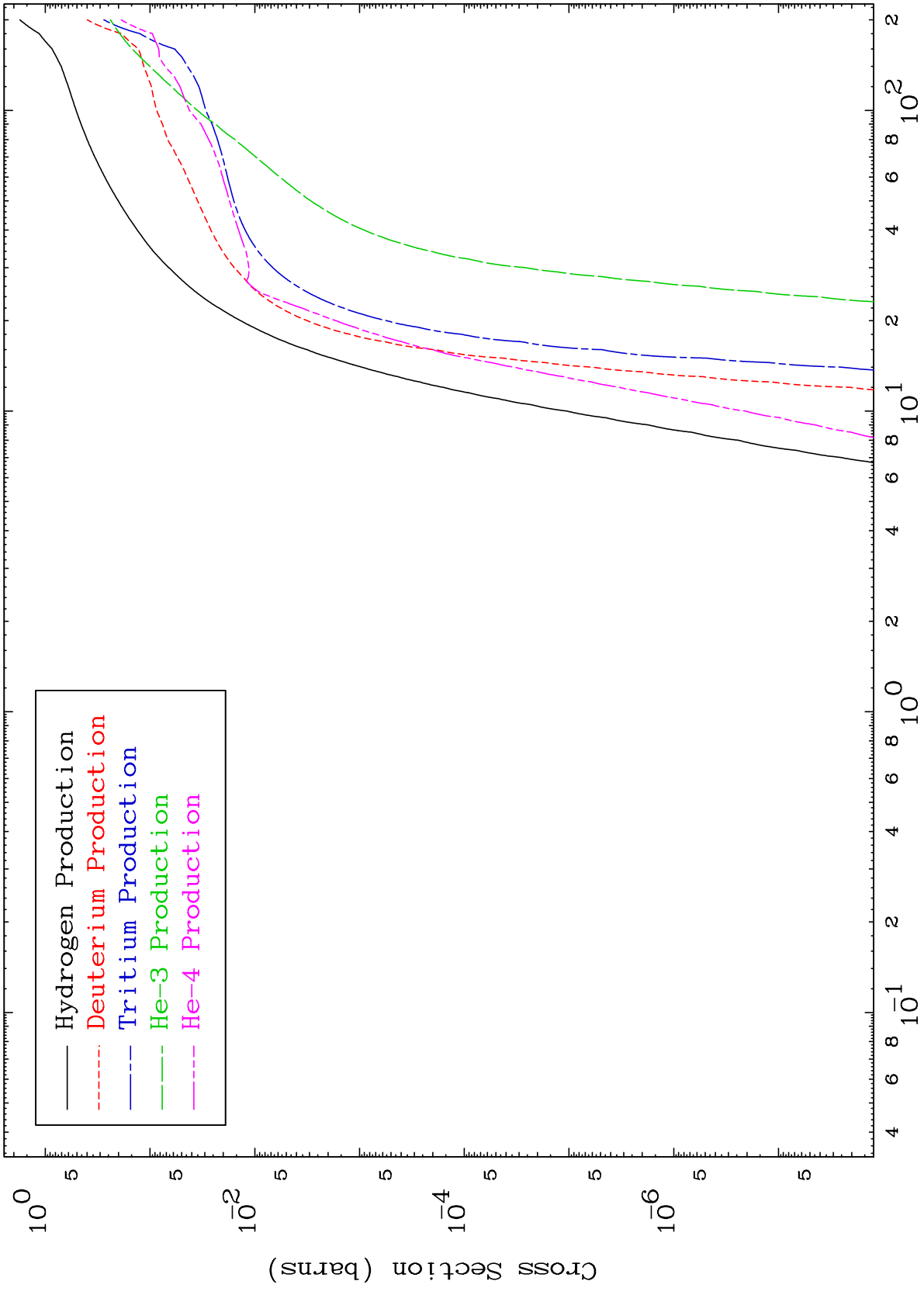
5

80-Hg-202

MAT 8043

Particle Production
293 Kelvin Cross Sections

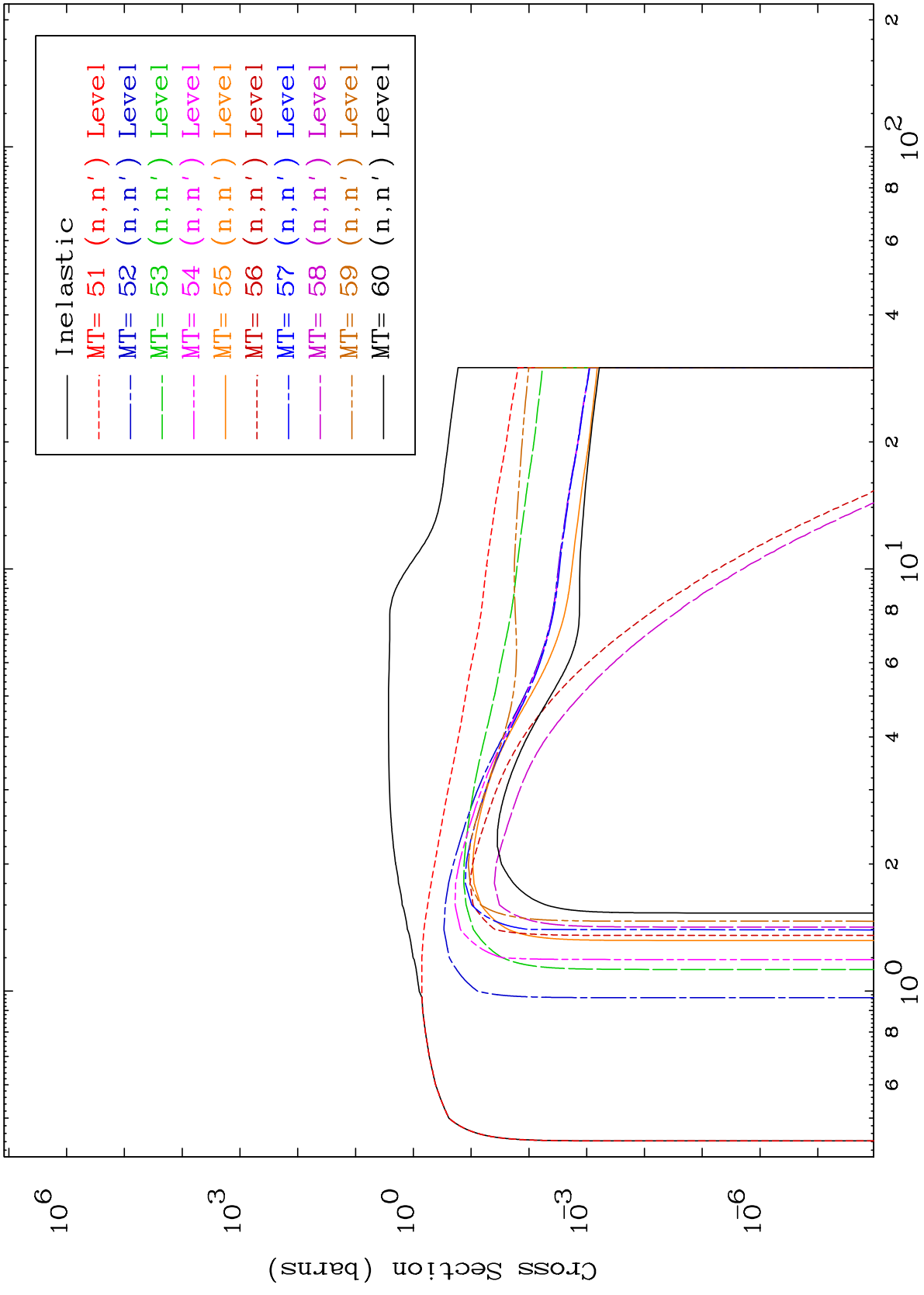
80-Hg-202



MAT 8043

(n,n') Level
293 Kelvin Cross Sections

80-Hg-202

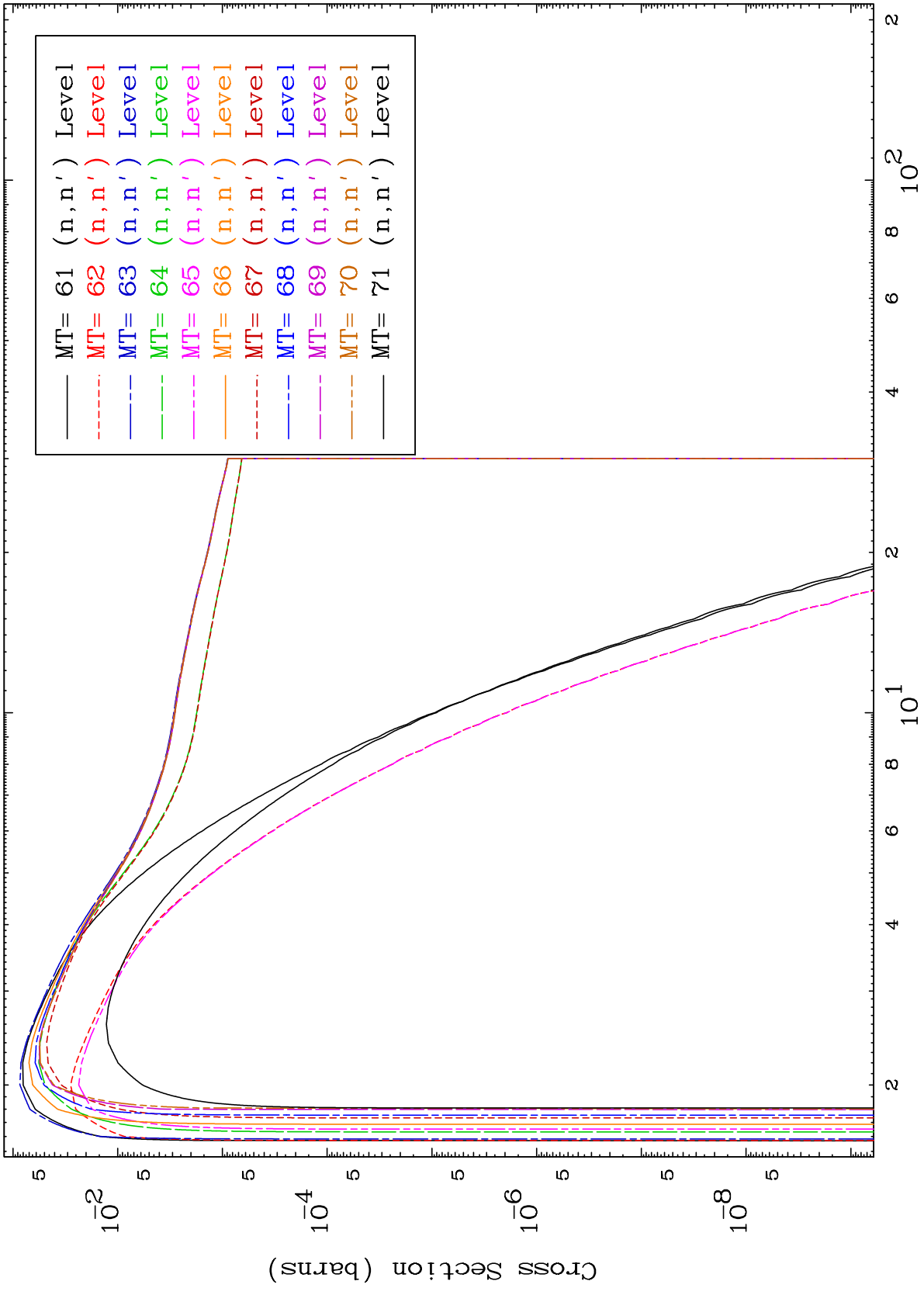


MAT 8043

(n,n') Level

80-Hg-202

293 Kelvin Cross Sections



8

Incident Energy (MeV)

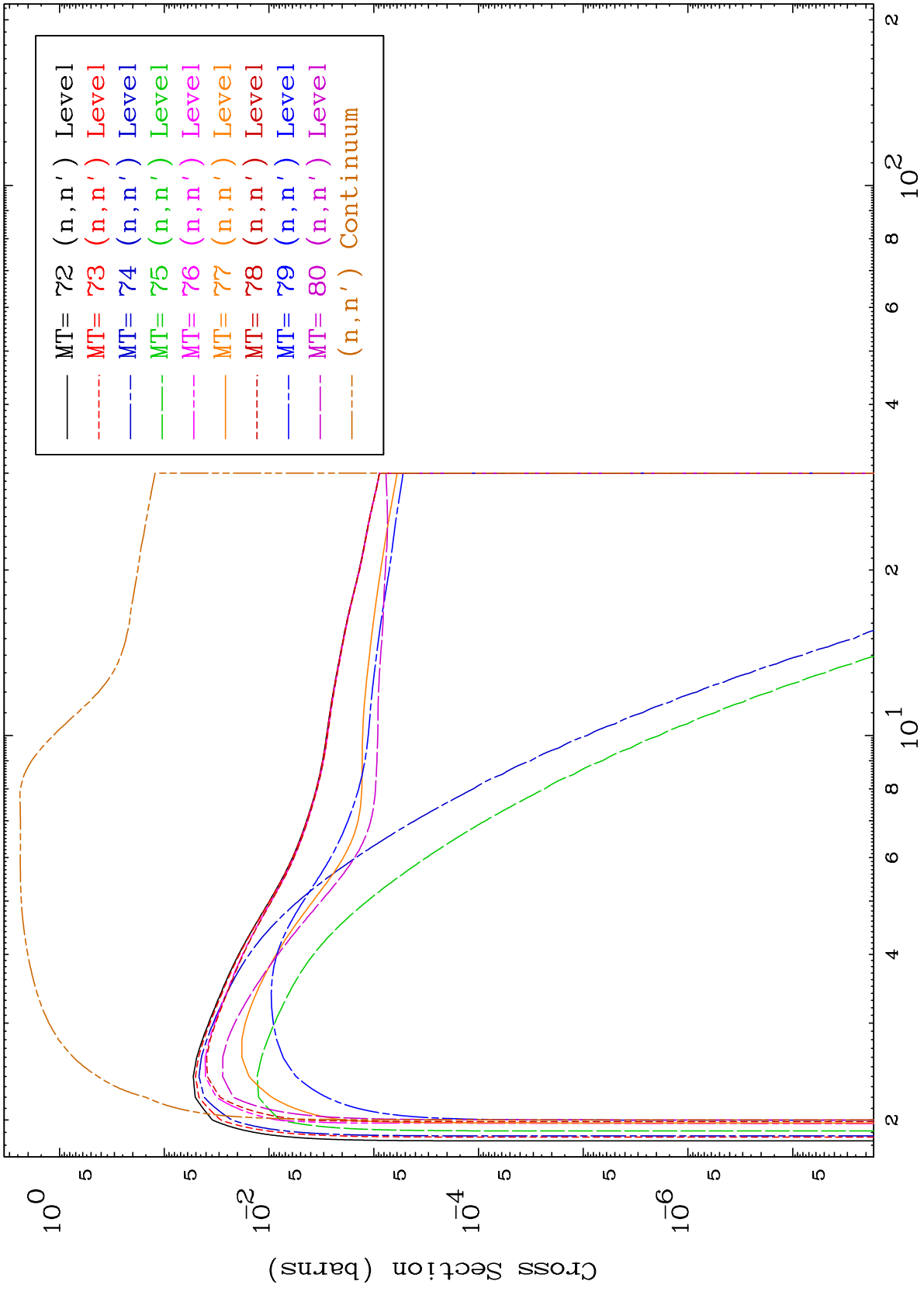
80-Hg-202

MAT 8043

(n,n') Level

80-Hg-202

293 Kelvin Cross Sections



9

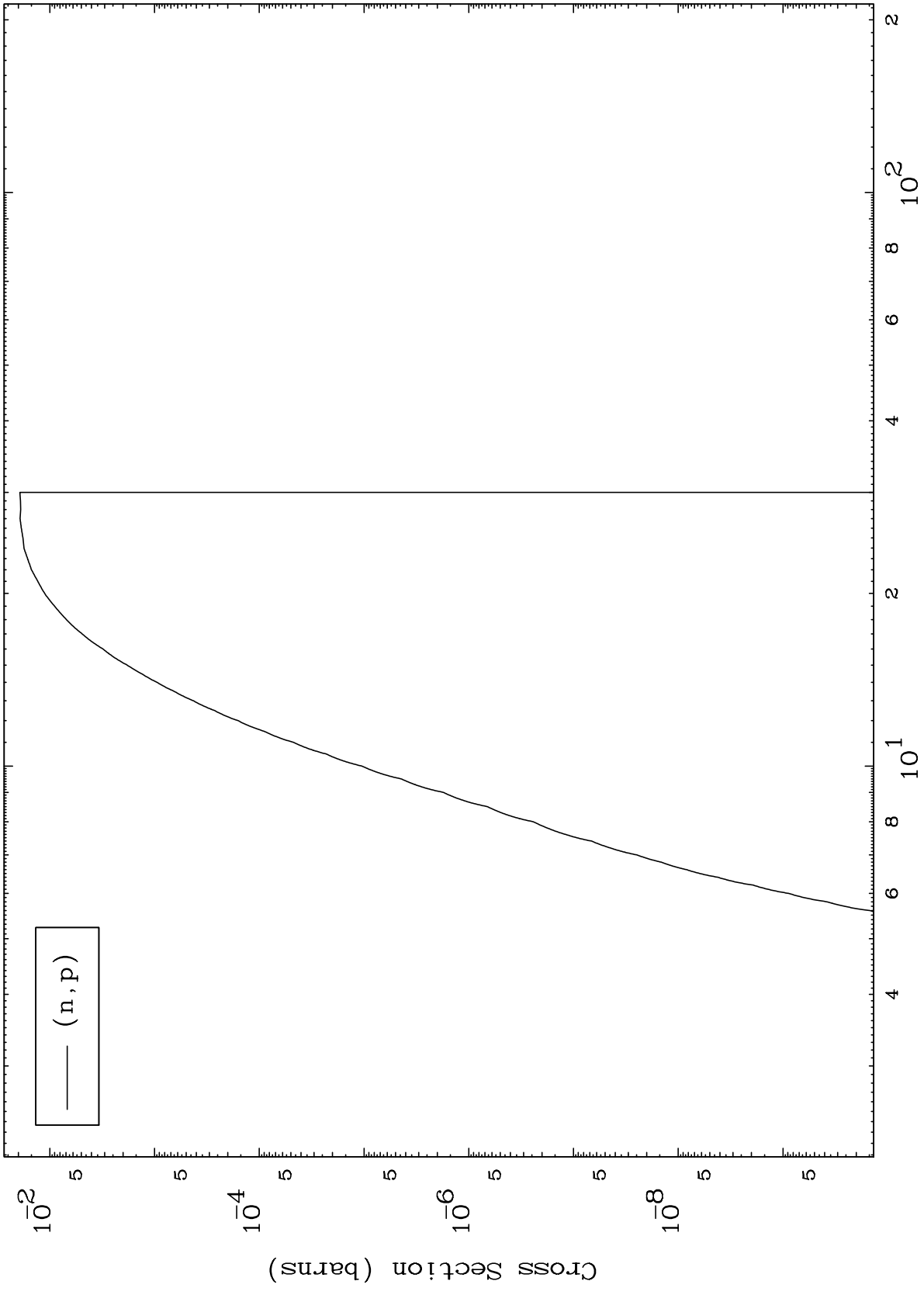
Incident Energy (MeV)

80-Hg-202

MAT 8043

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-202



10

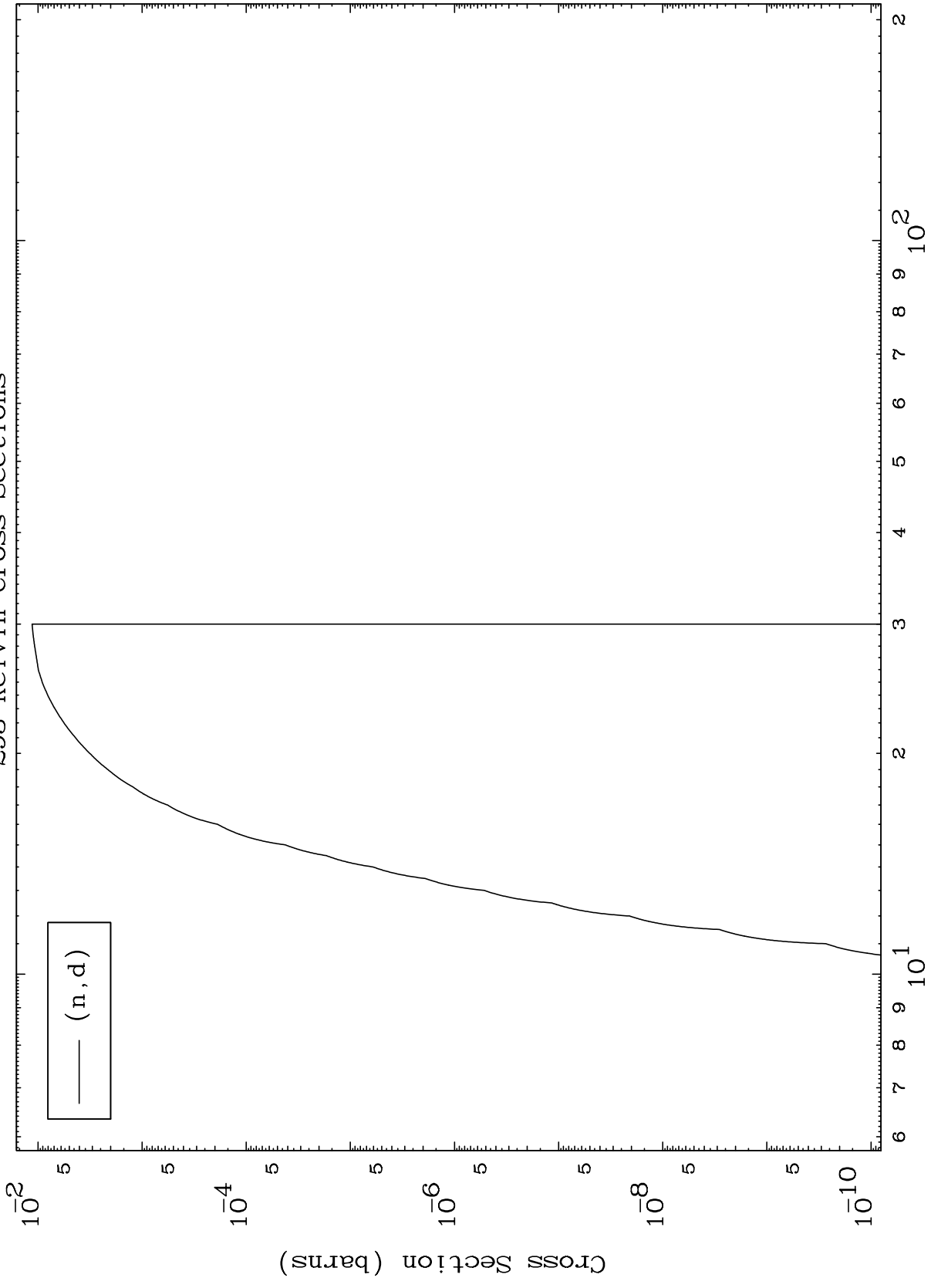
Incident Energy (MeV)

80-Hg-202

MAT 8043

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-202



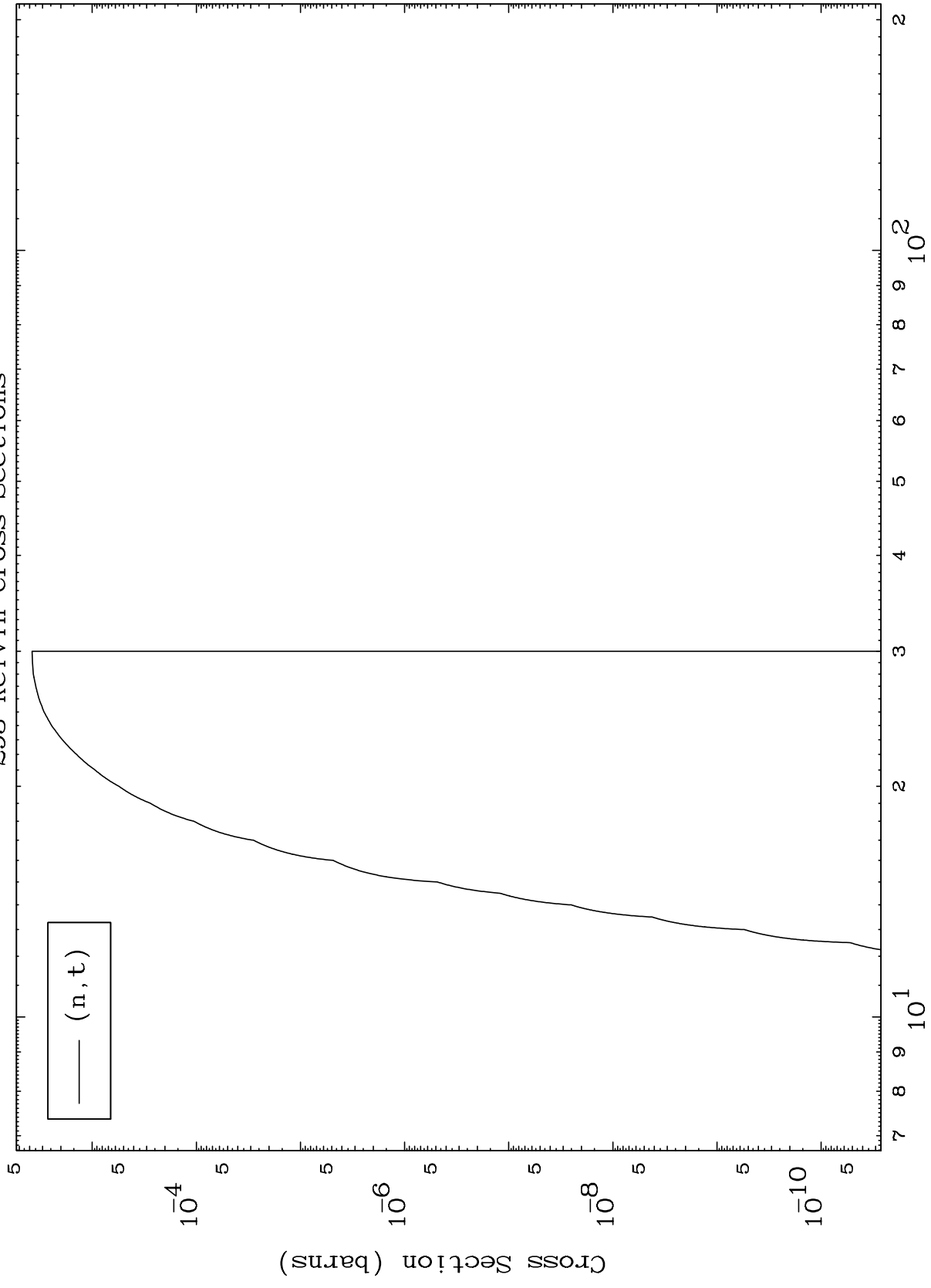
80-Hg-202

Incident Energy (MeV)

MAT 8043

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-202



12

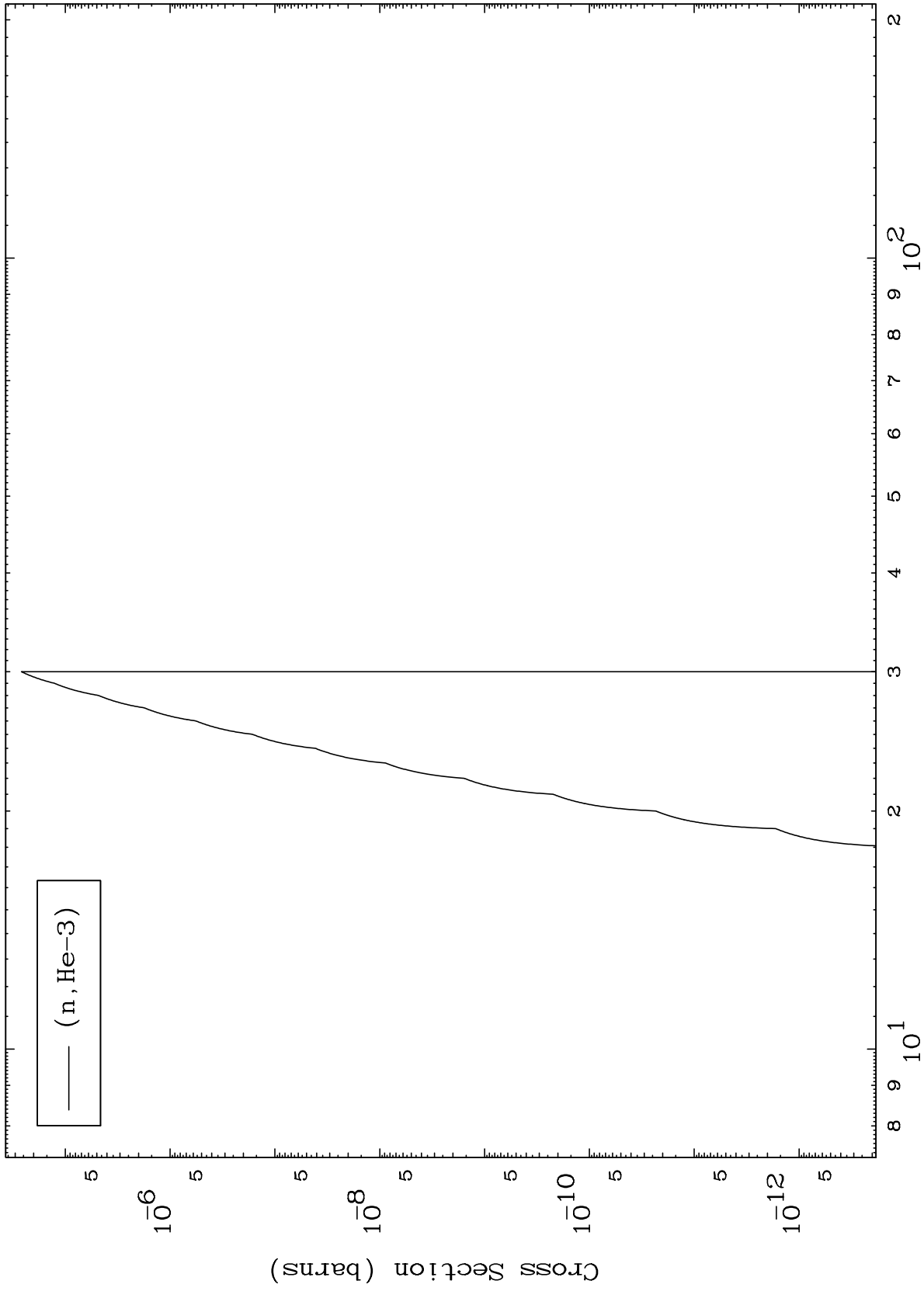
Incident Energy (MeV)

80-Hg-202

MAT 8043

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-202



13

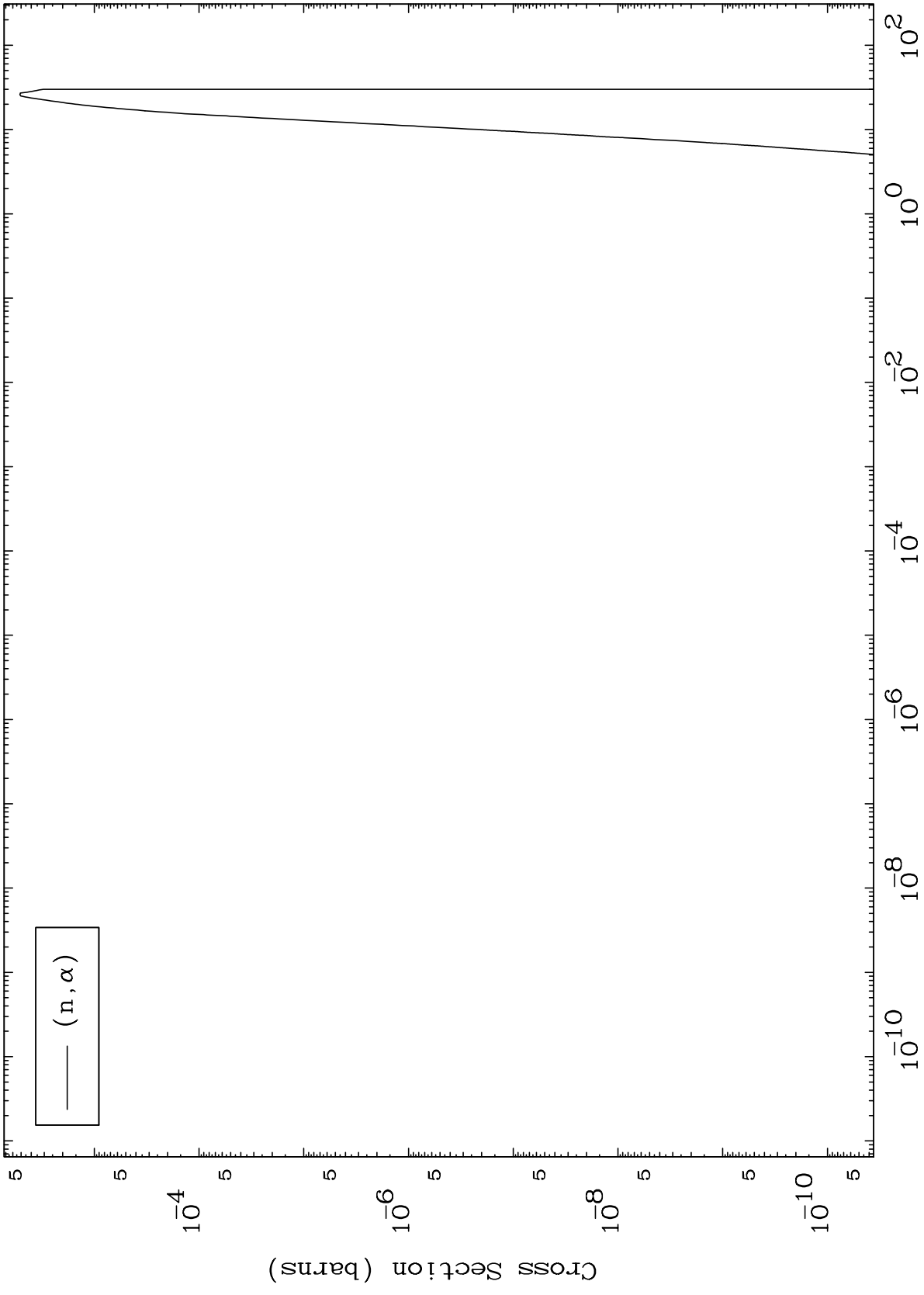
Incident Energy (MeV)

80-Hg-202

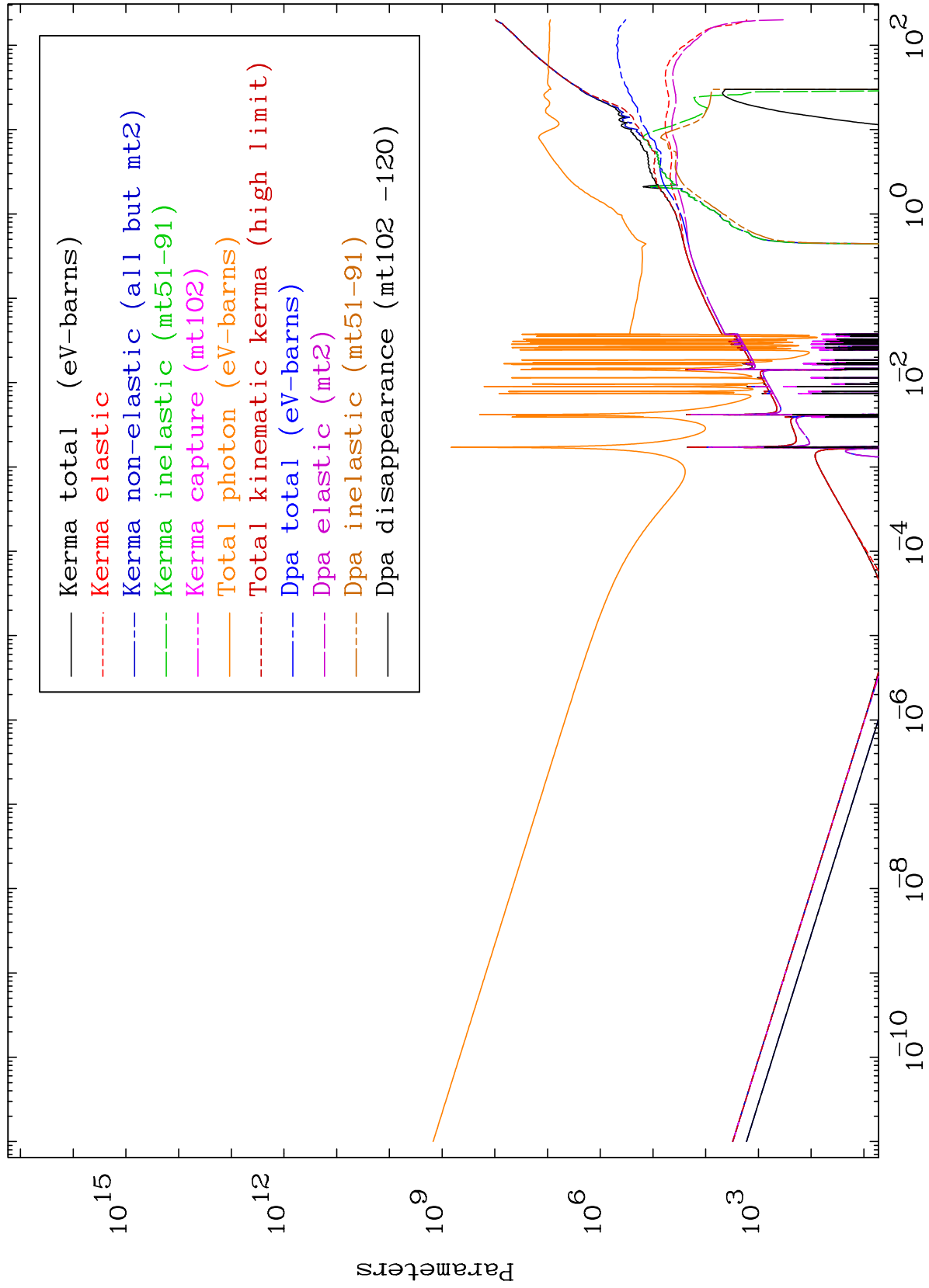
MAT 8043

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-202



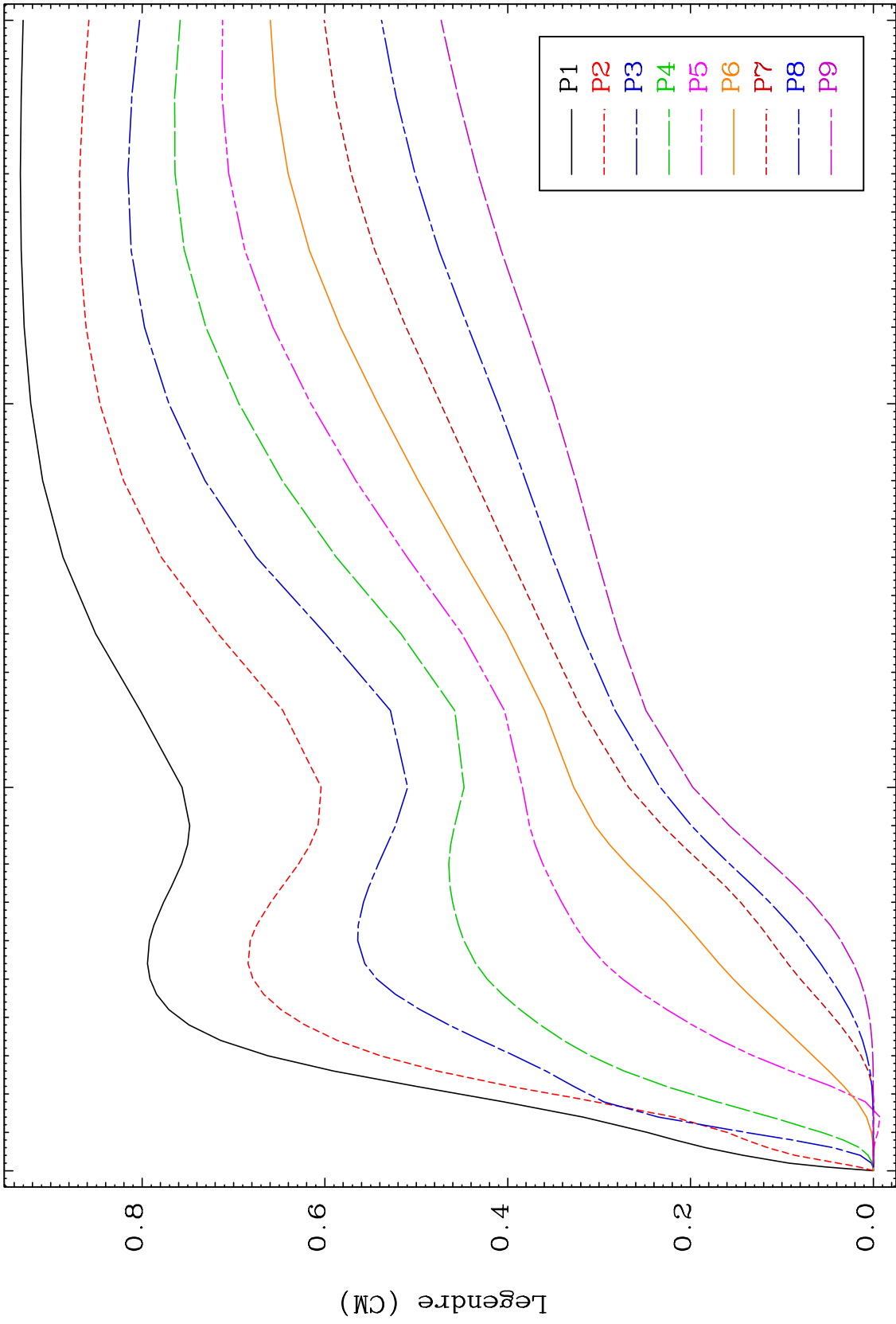
80-Hg-202



MAT 8043

Elastic Legendre Coefficients

80-Hg-202



16

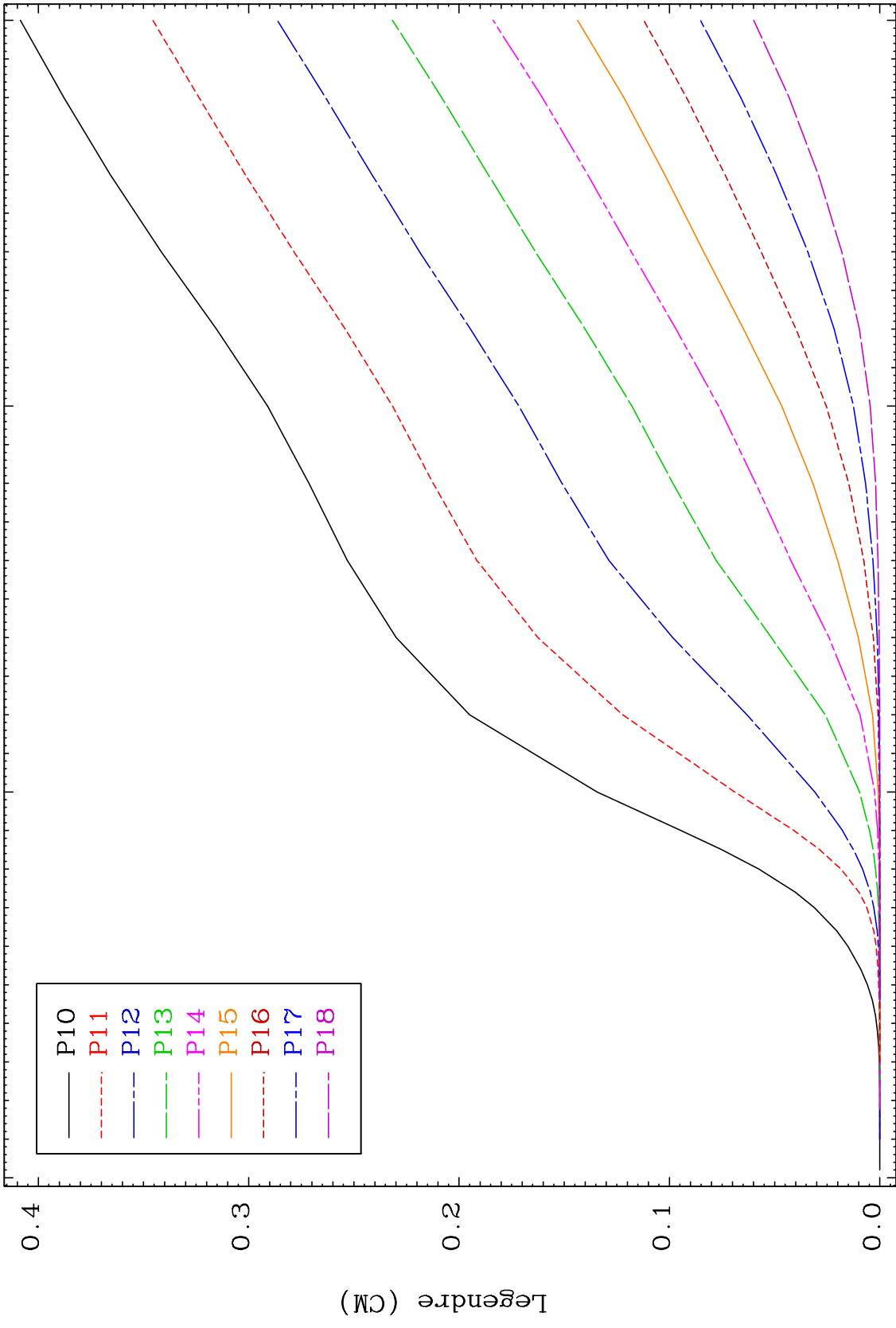
Incident Energy (MeV)

80-Hg-202

MAT 8043

Elastic Legendre Coefficients

80-Hg-202



17

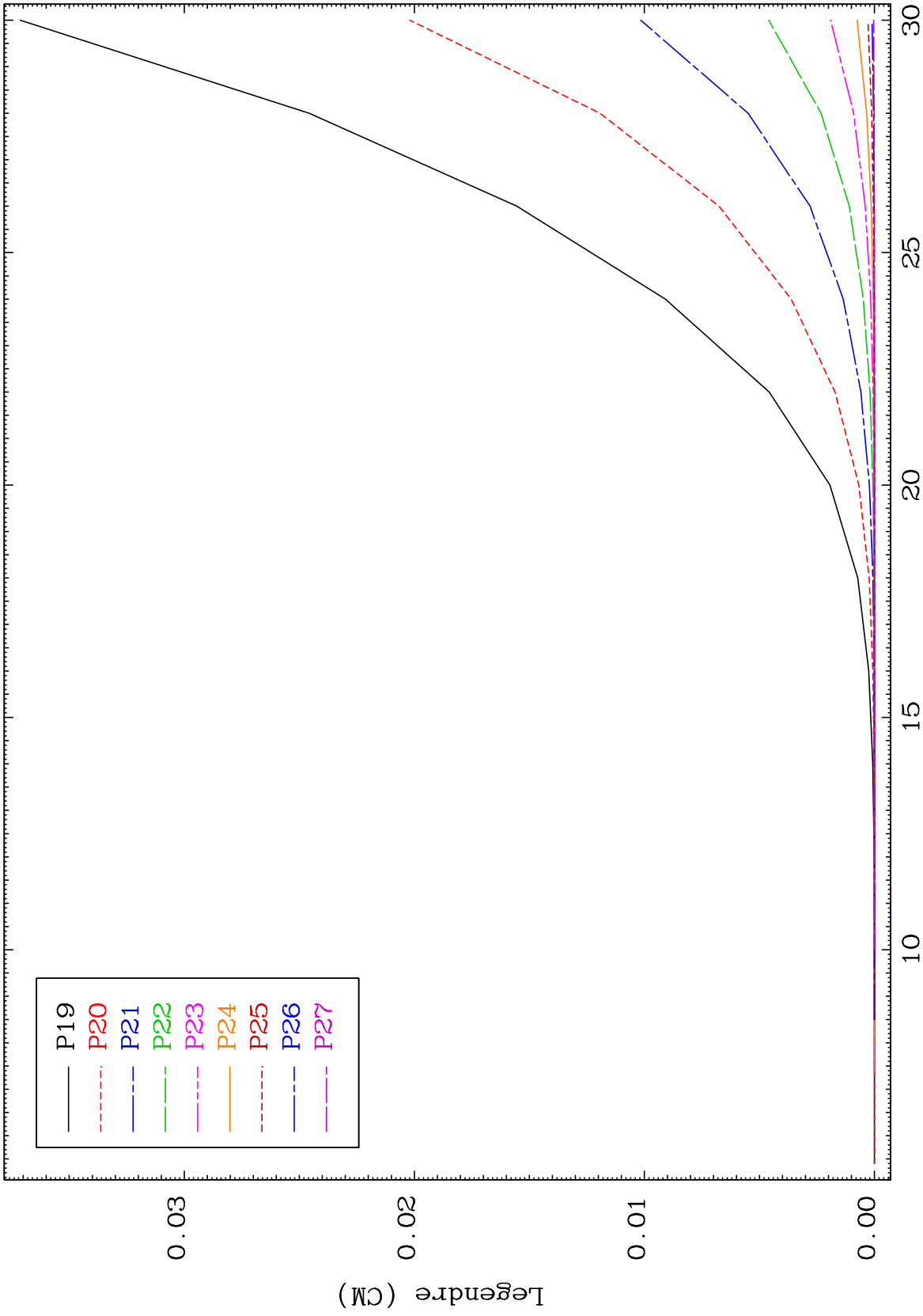
Incident Energy (MeV)

80-Hg-202

MAT 8043

Elastic Legendre Coefficients

80-Hg-202



18

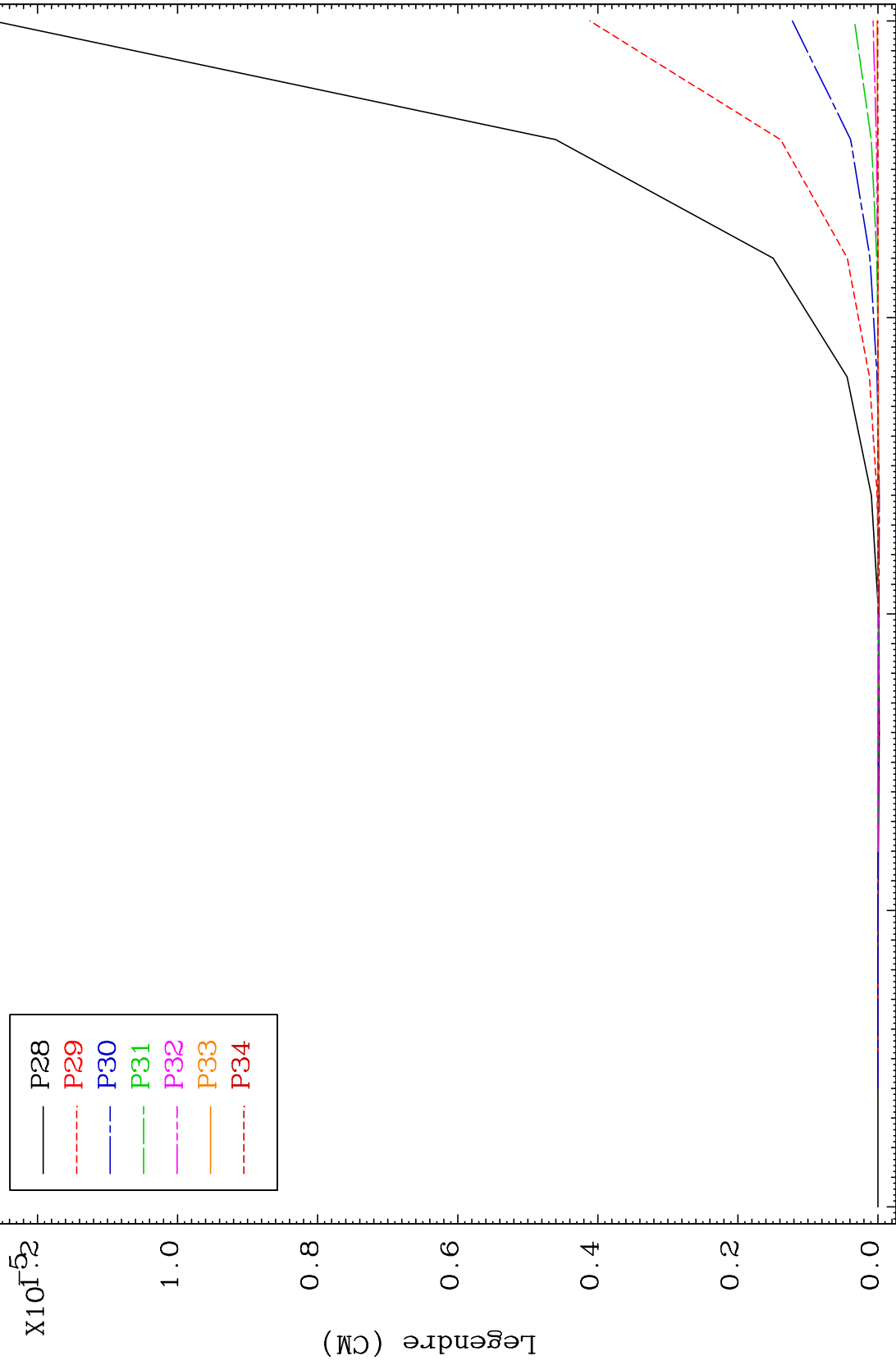
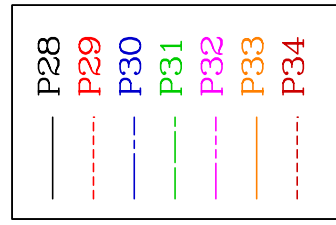
Incident Energy (MeV)

80-Hg-202

MAT 8043

Elastic Legendre Coefficients

80-Hg-202



19

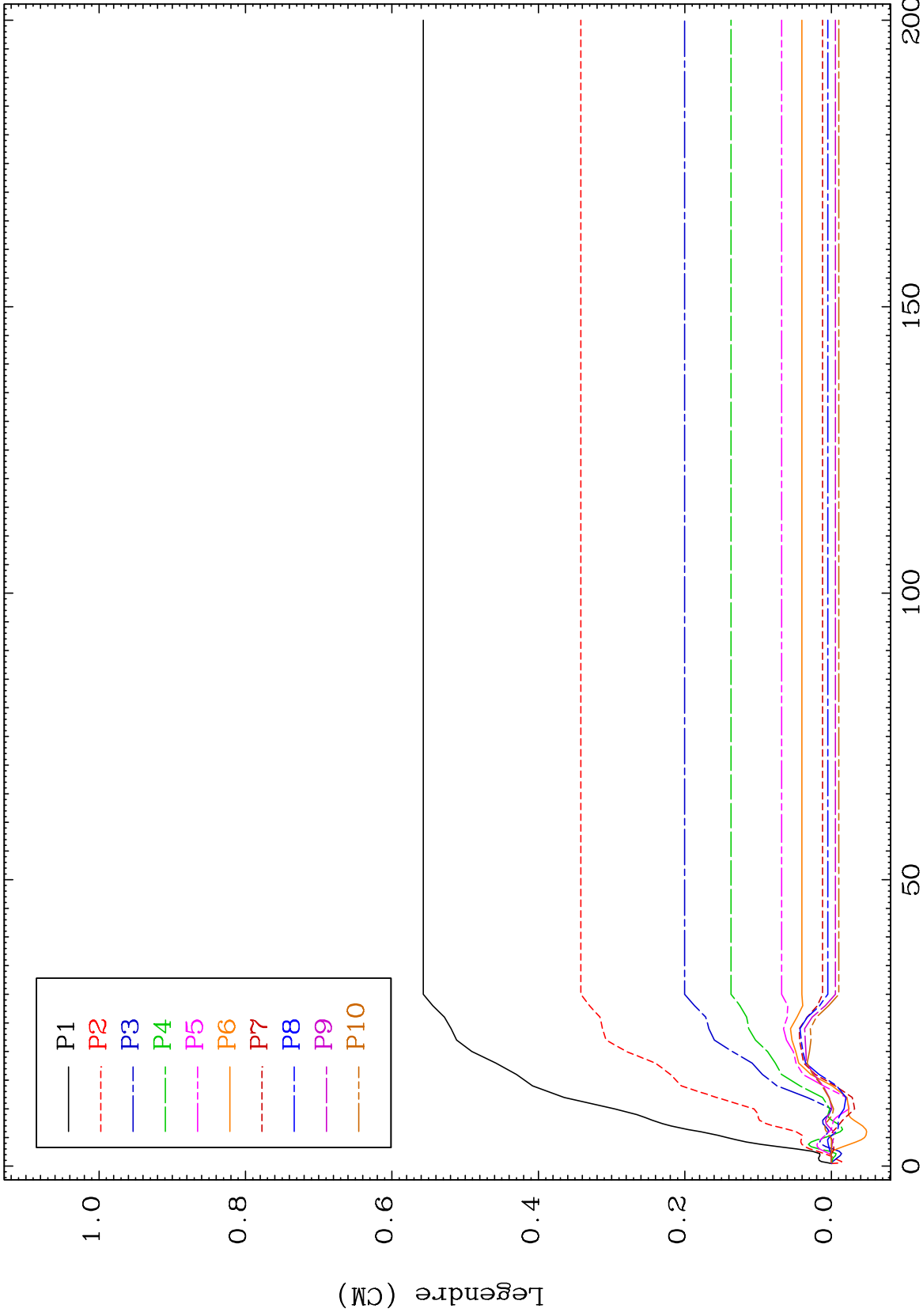
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



80-Hg-202

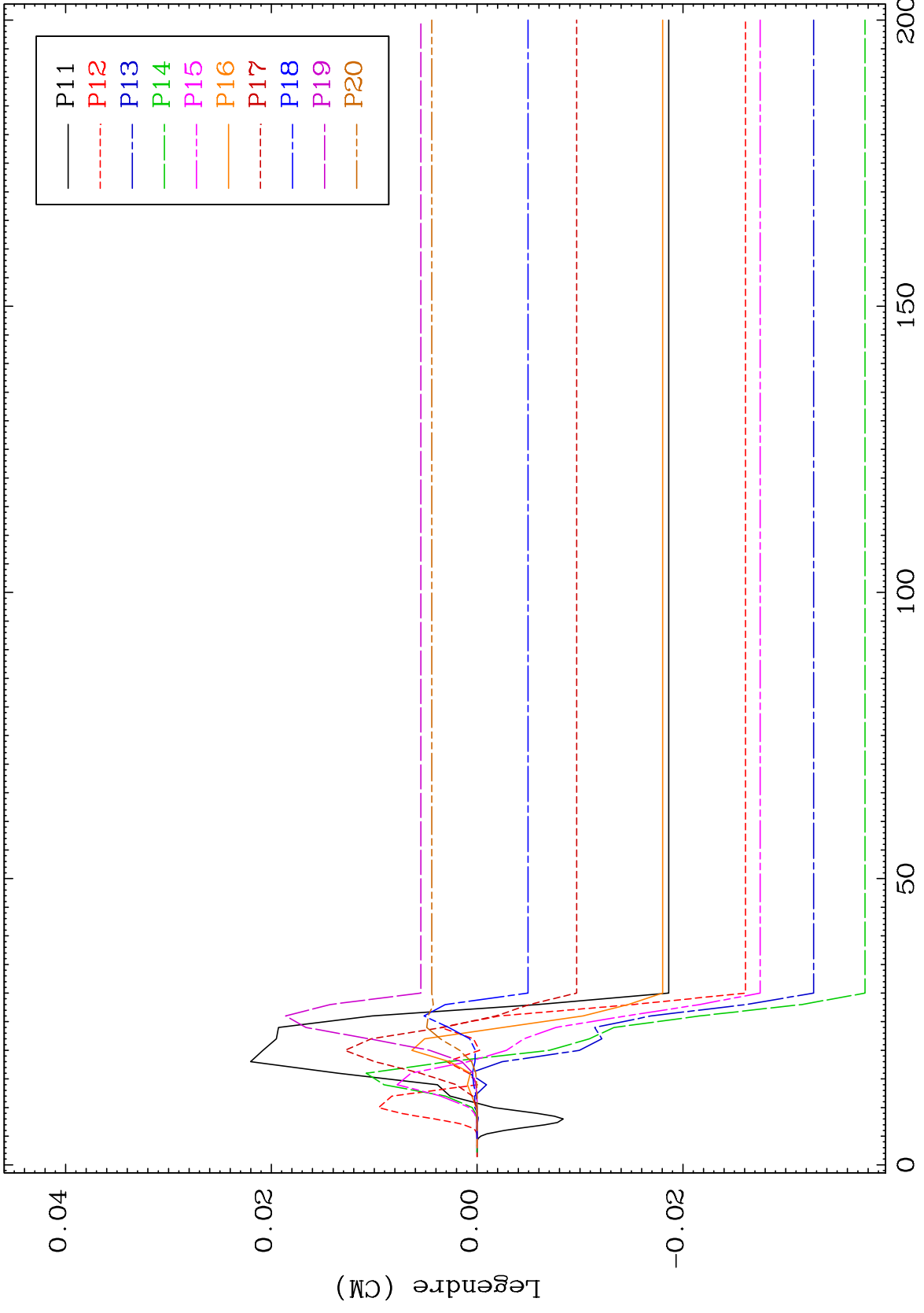
Incident Energy (MeV)

20

MAT 8043

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

80-Hg-202



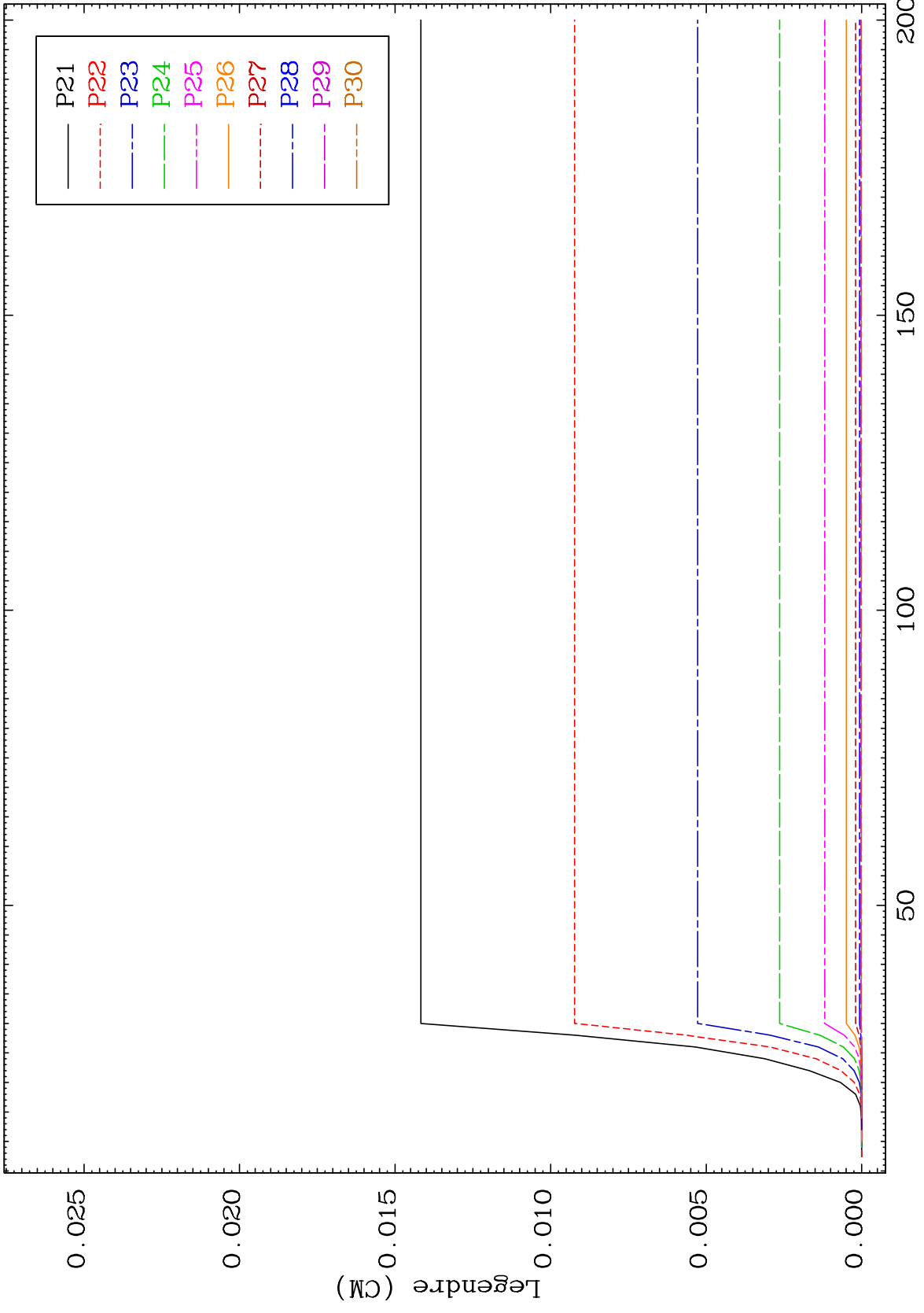
21

80-Hg-202

MAT 8043

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

80-Hg-202



22

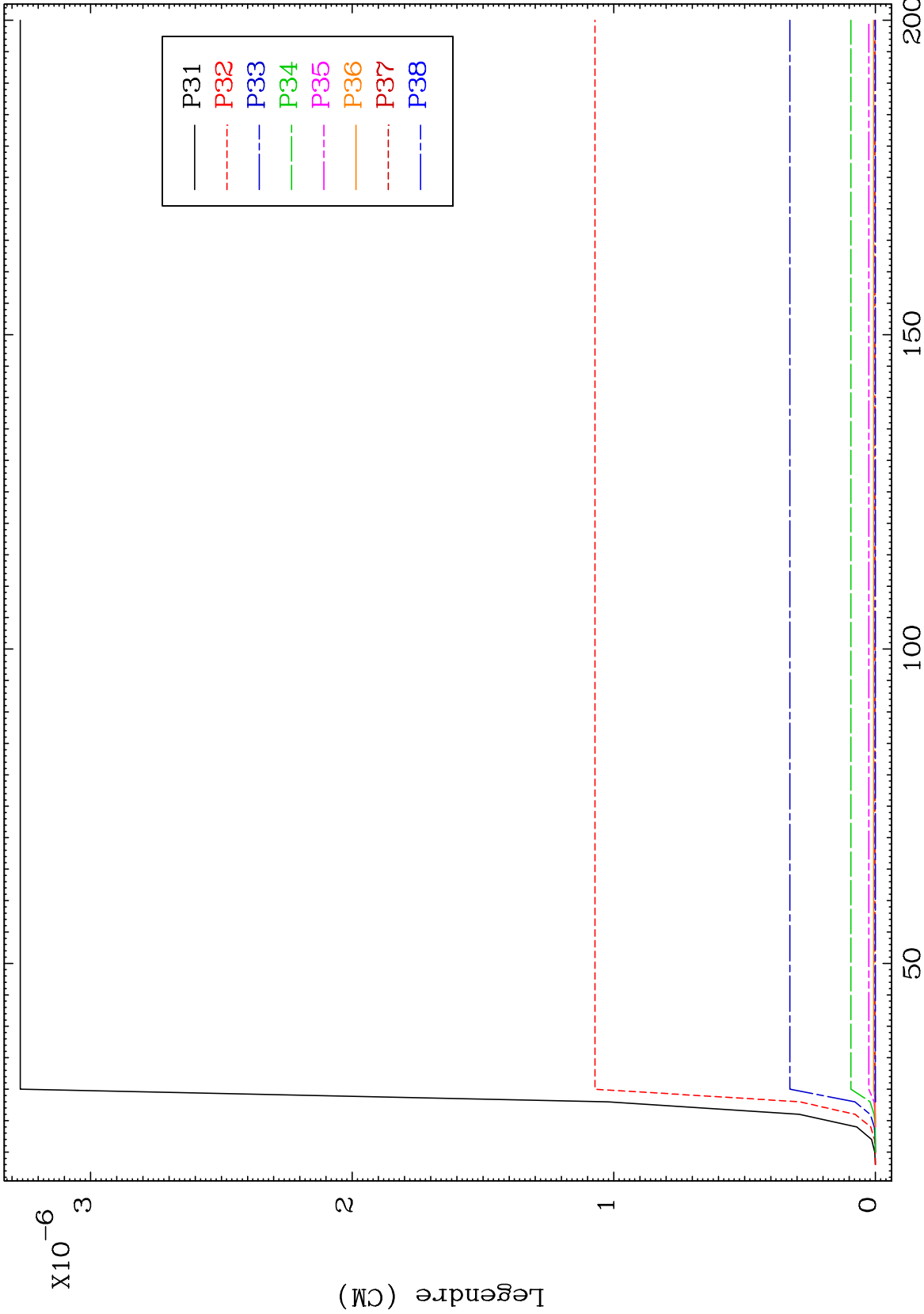
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



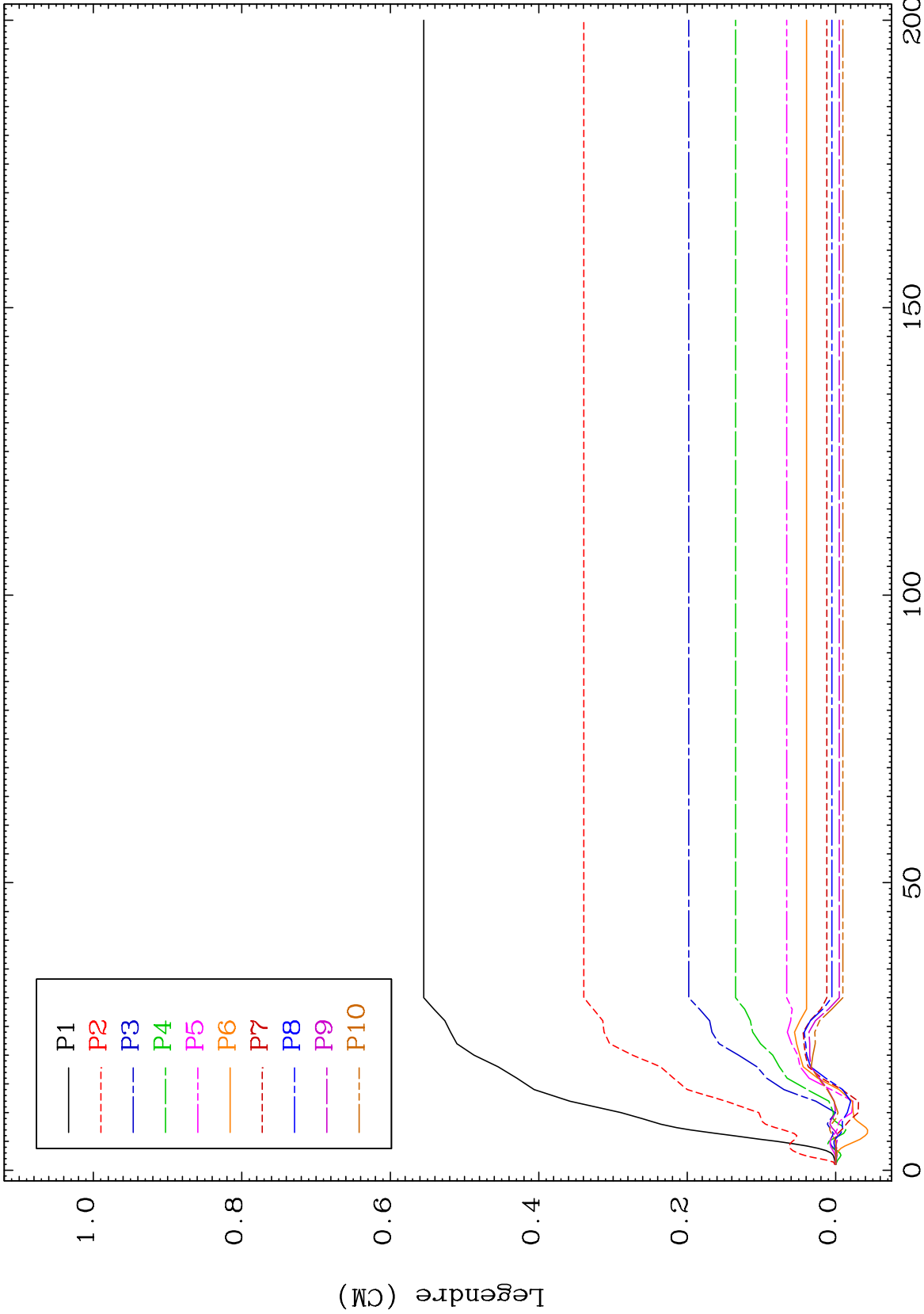
23

80-Hg-202

MAT 8043

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

80-Hg-202



24

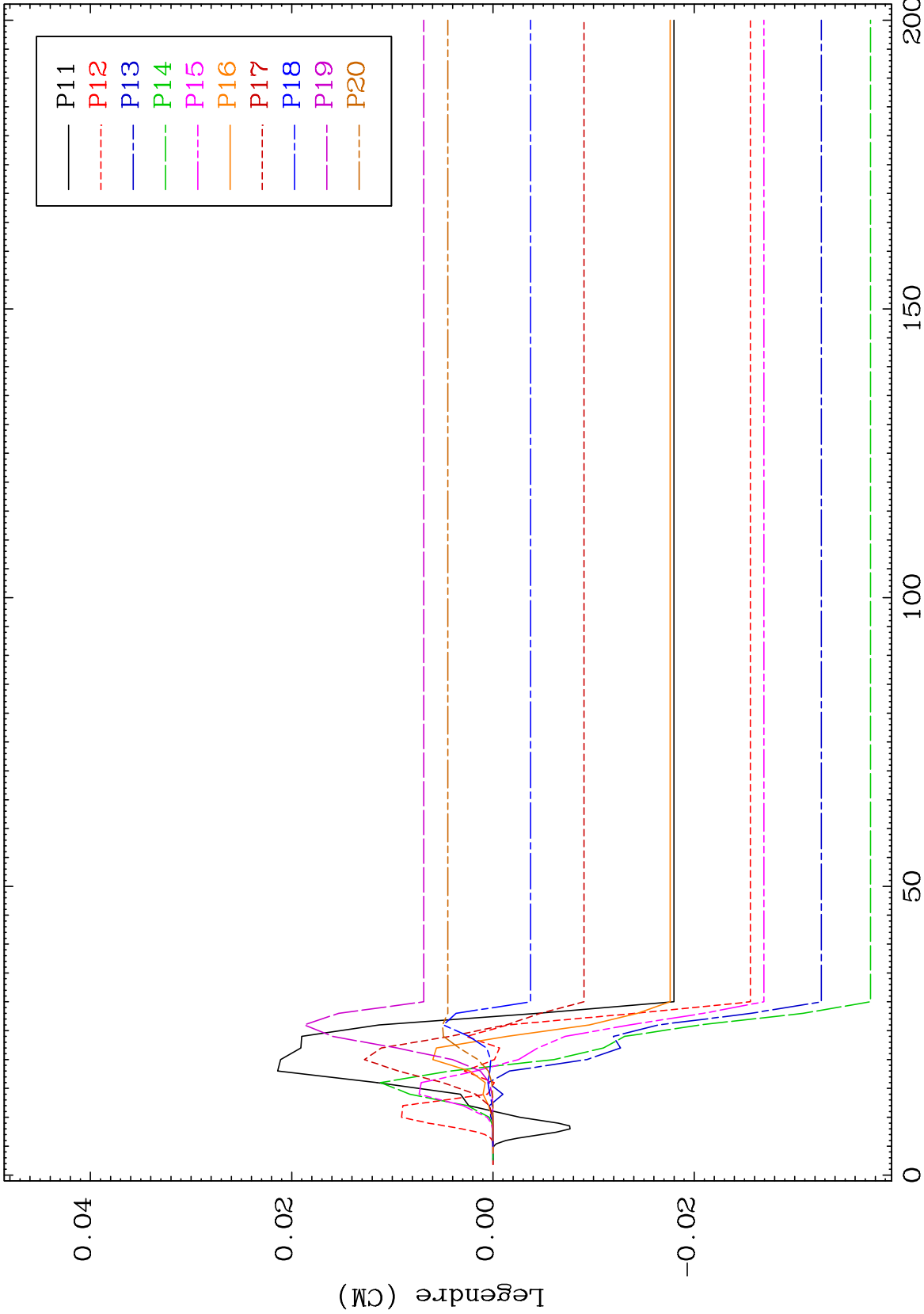
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



25

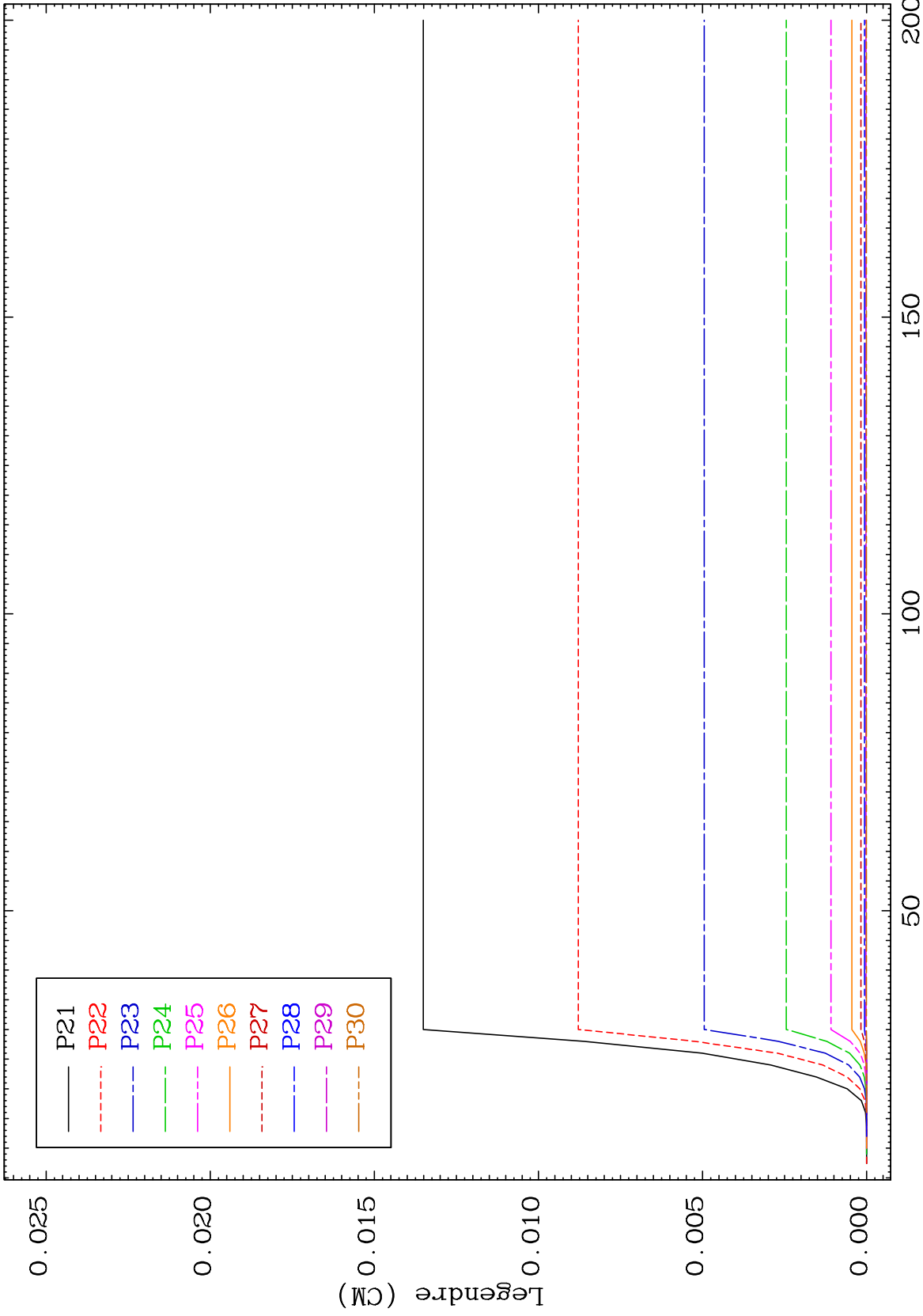
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



26

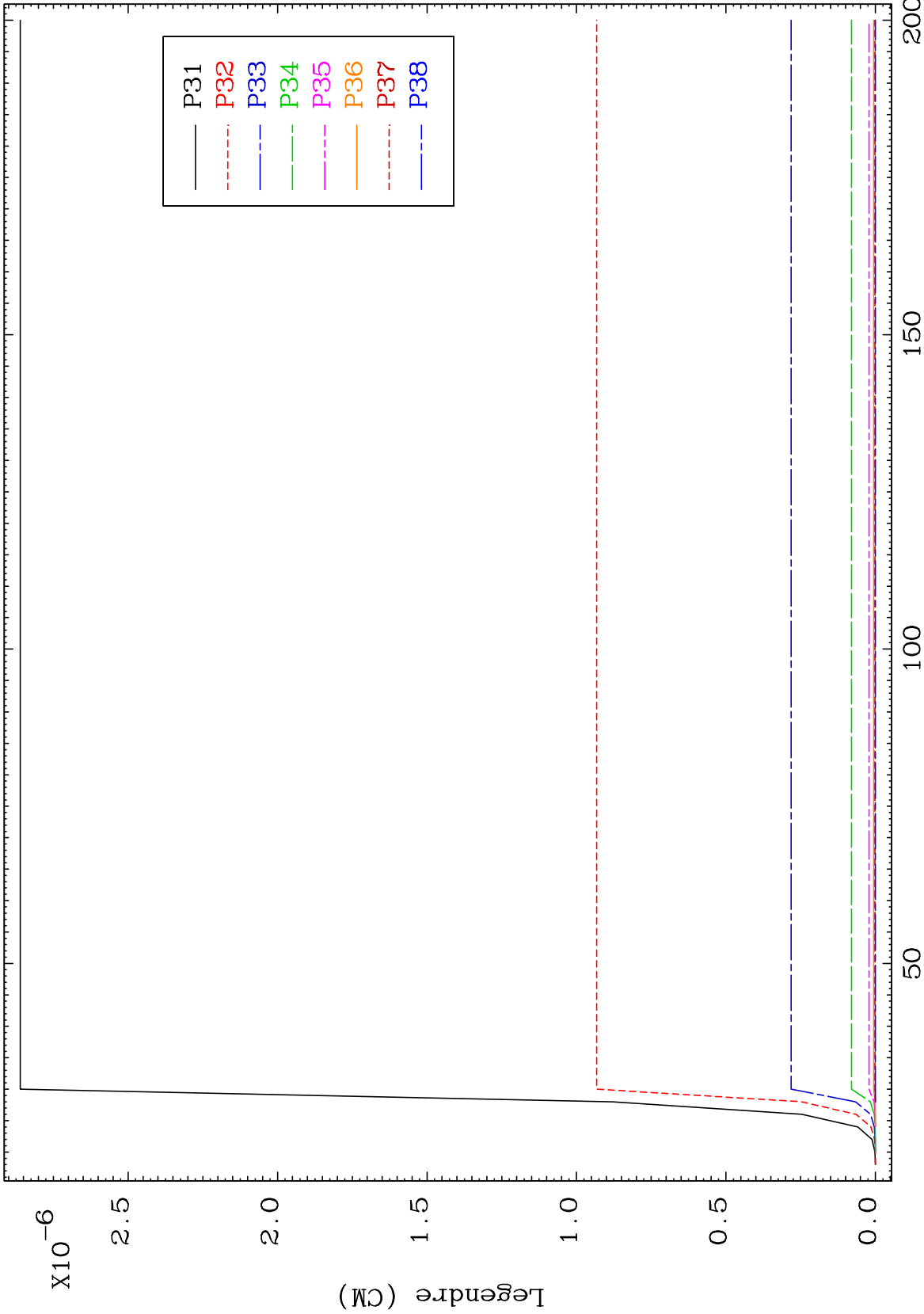
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202

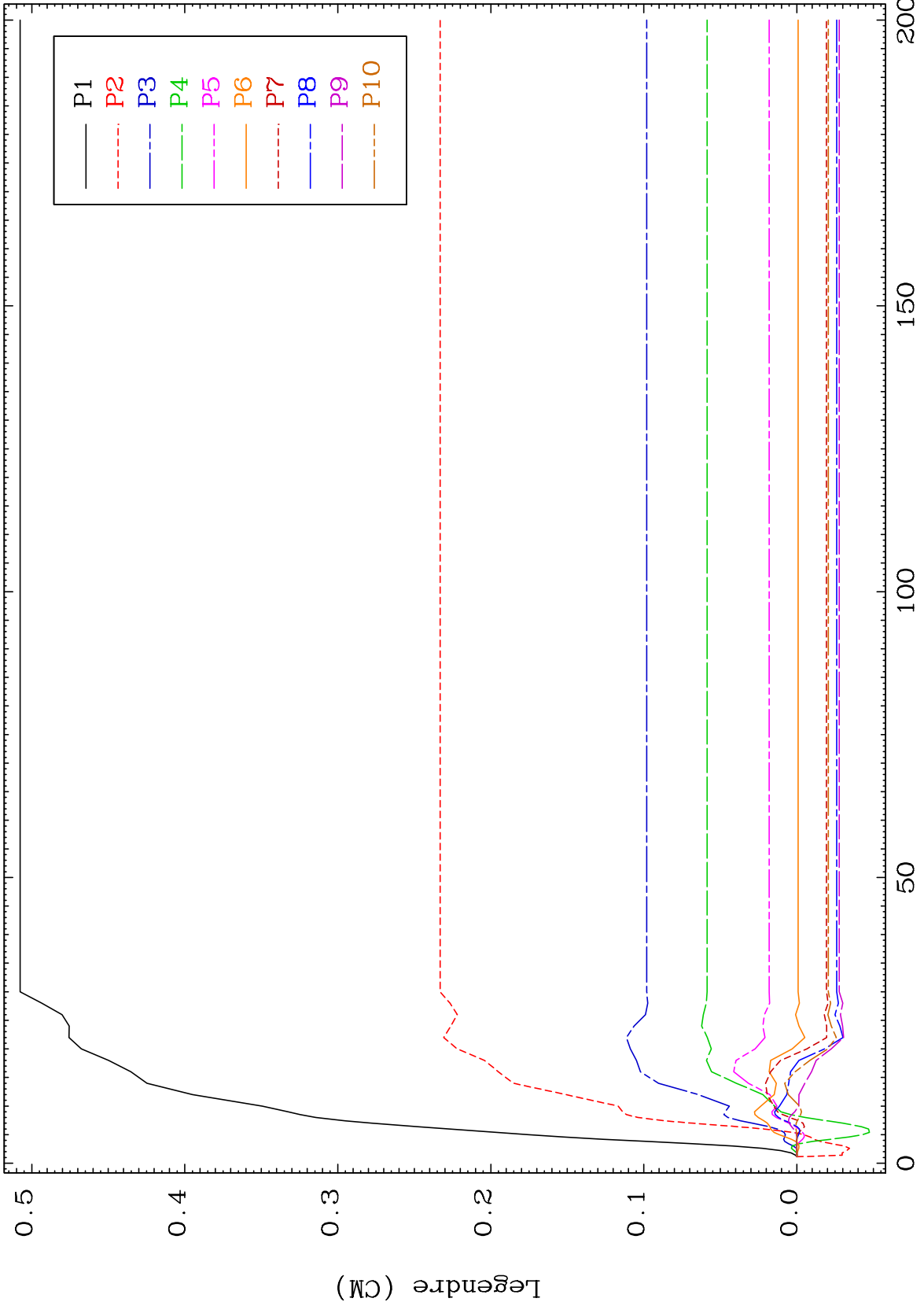


27

Incident Energy (MeV)

80-Hg-202

MAT 8043 MT= 53 (n,n') Level Legendre Coefficients 80-Hg-202

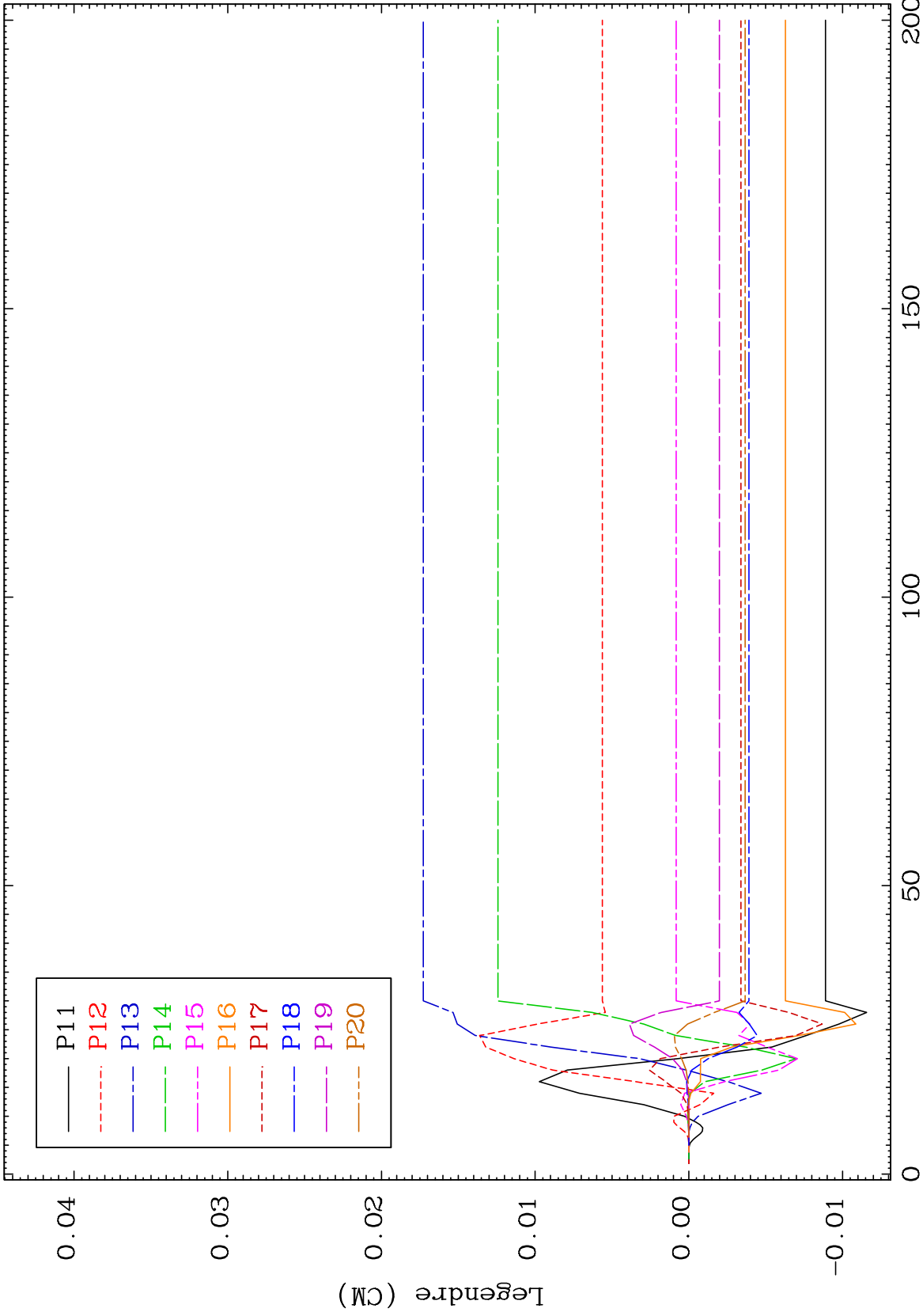


28 80-Hg-202

MAT 8043

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

80-Hg-202



29

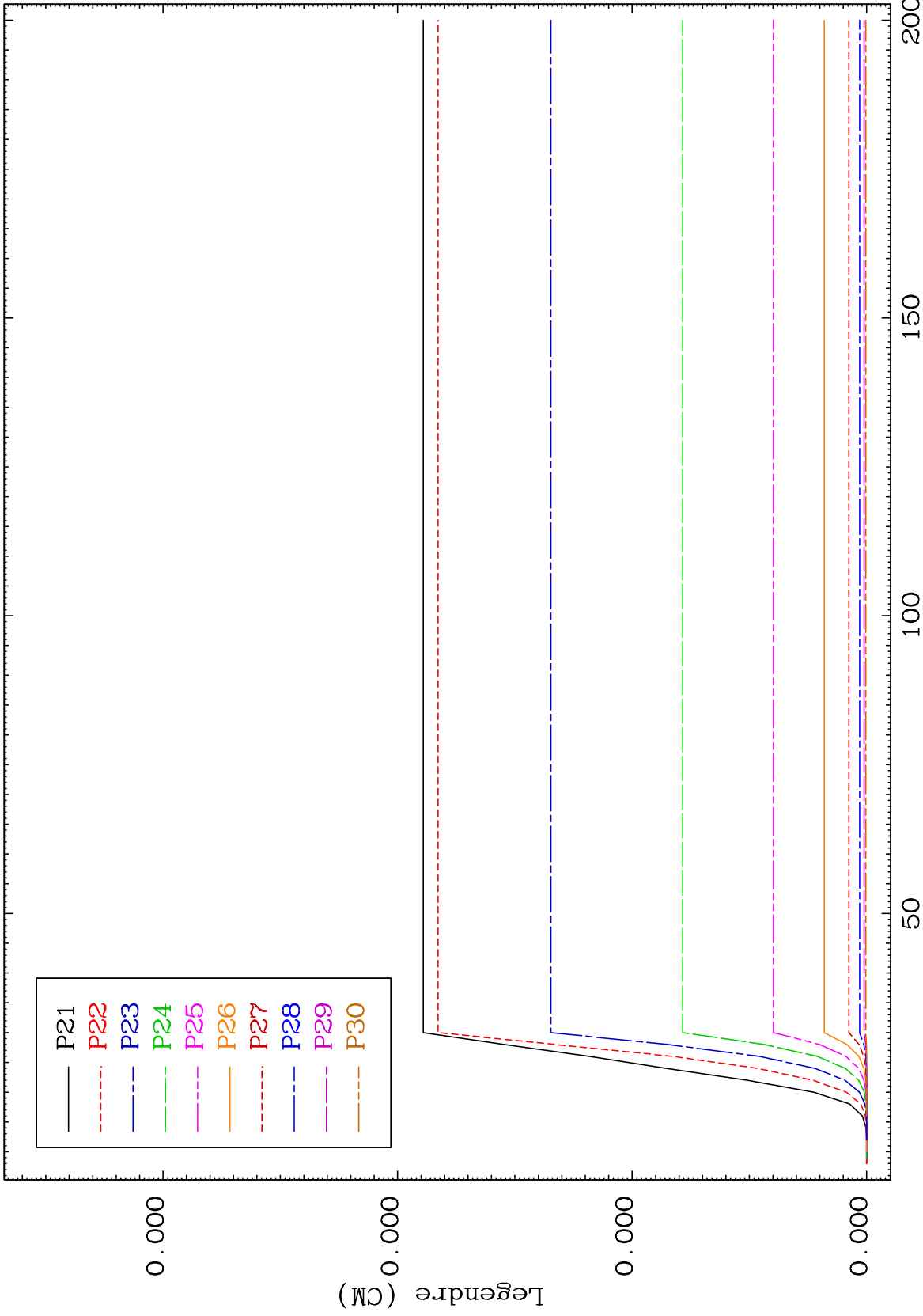
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



30

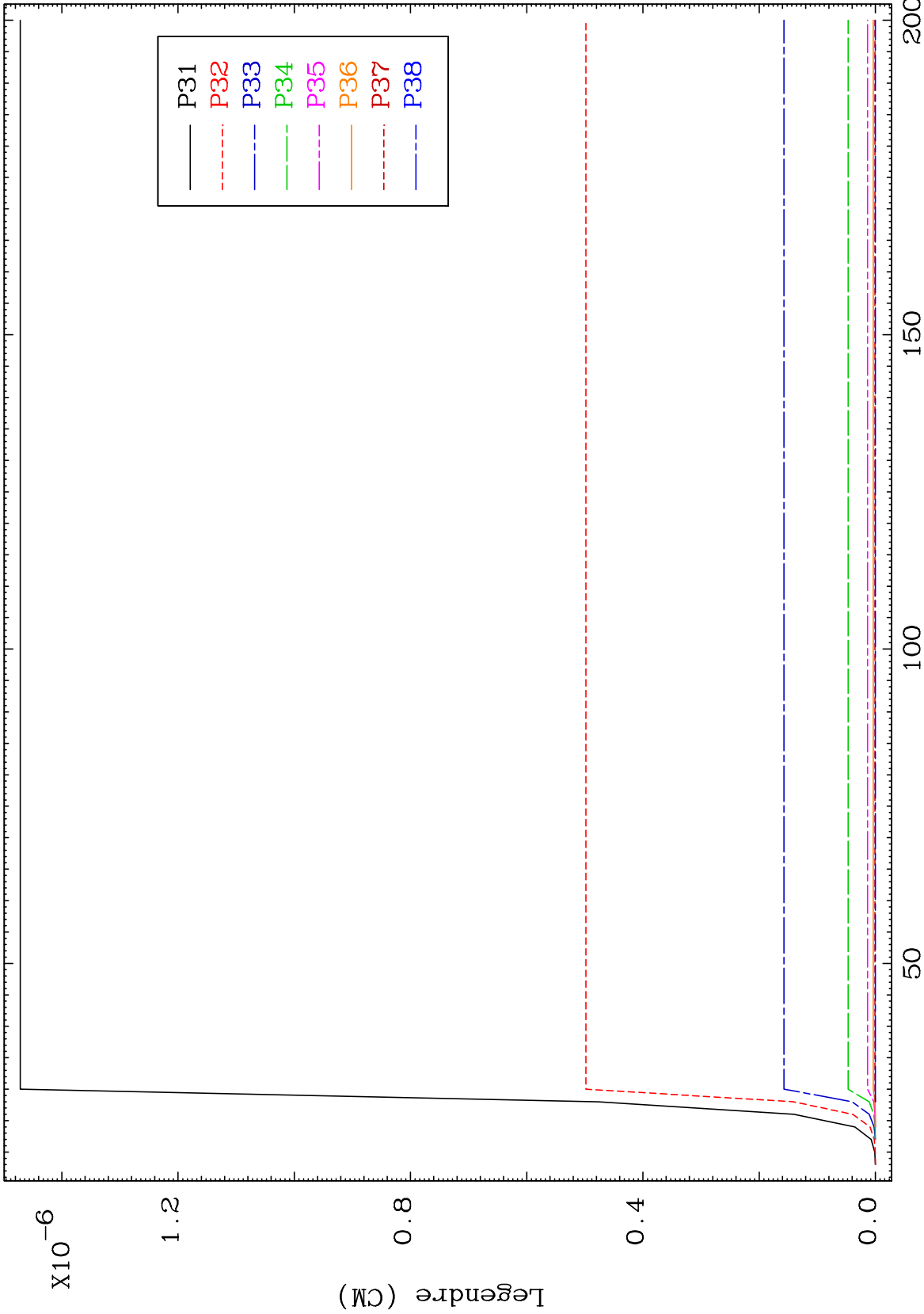
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



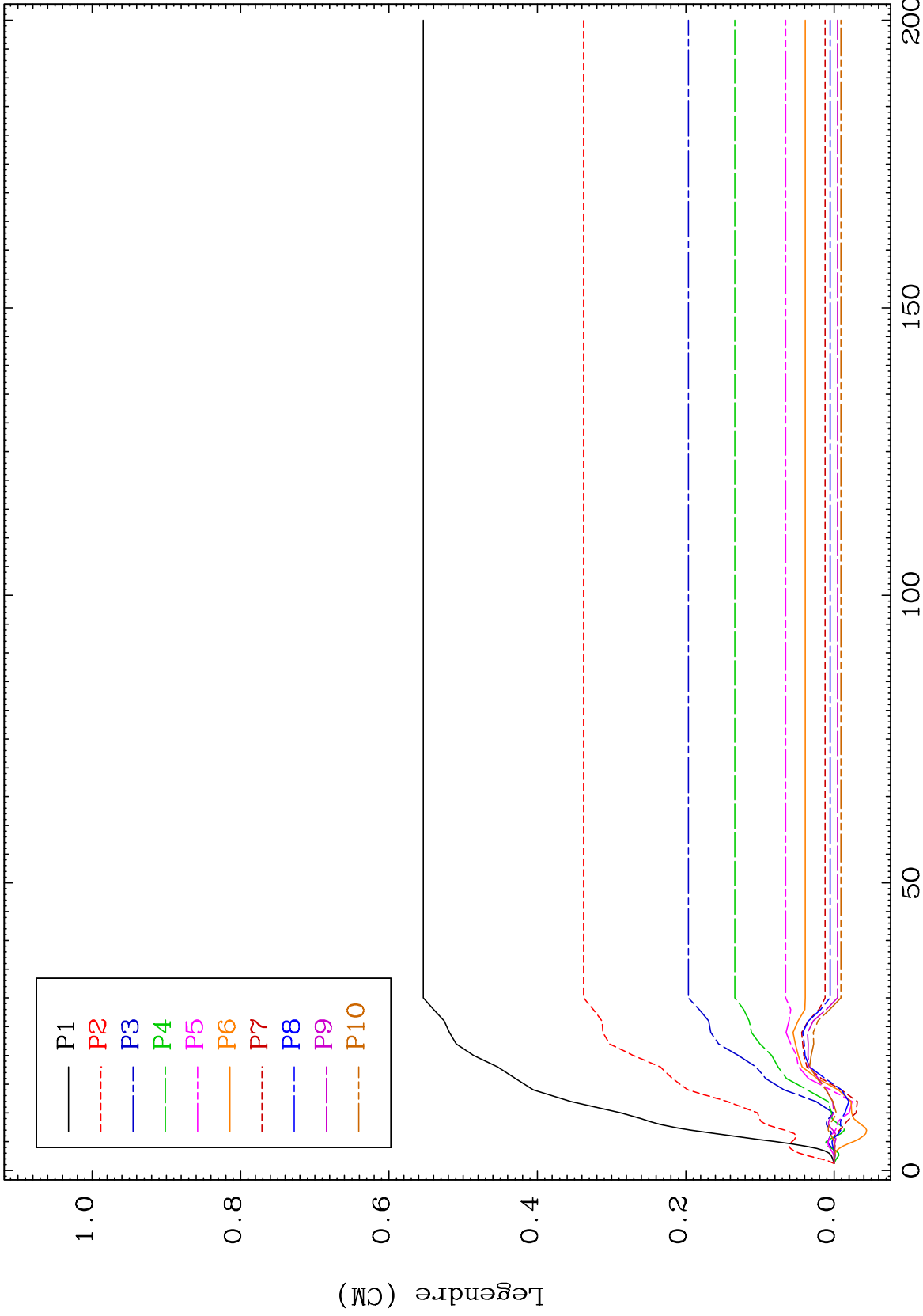
31

80-Hg-202

MAT 8043

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

80-Hg-202



32

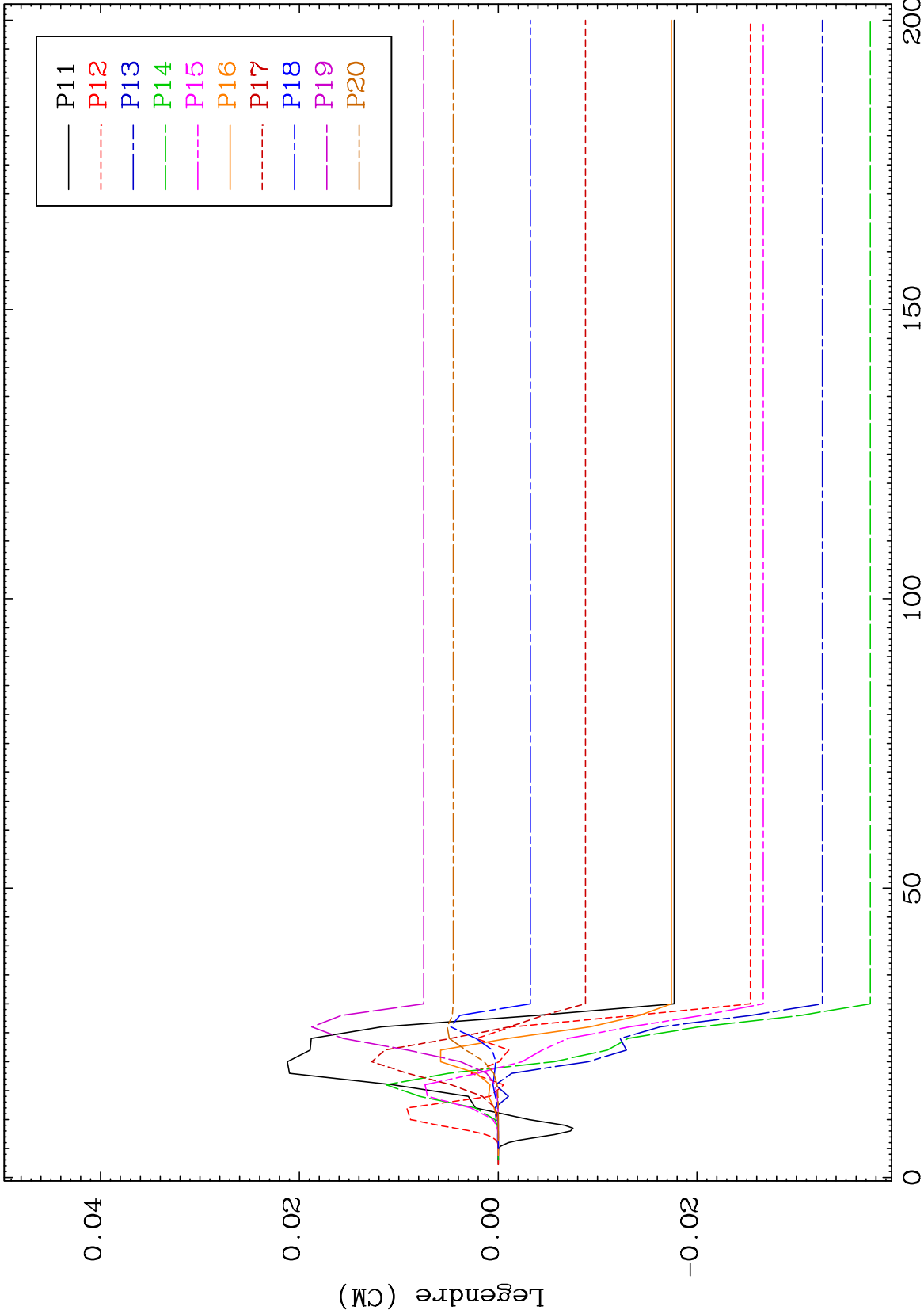
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



33

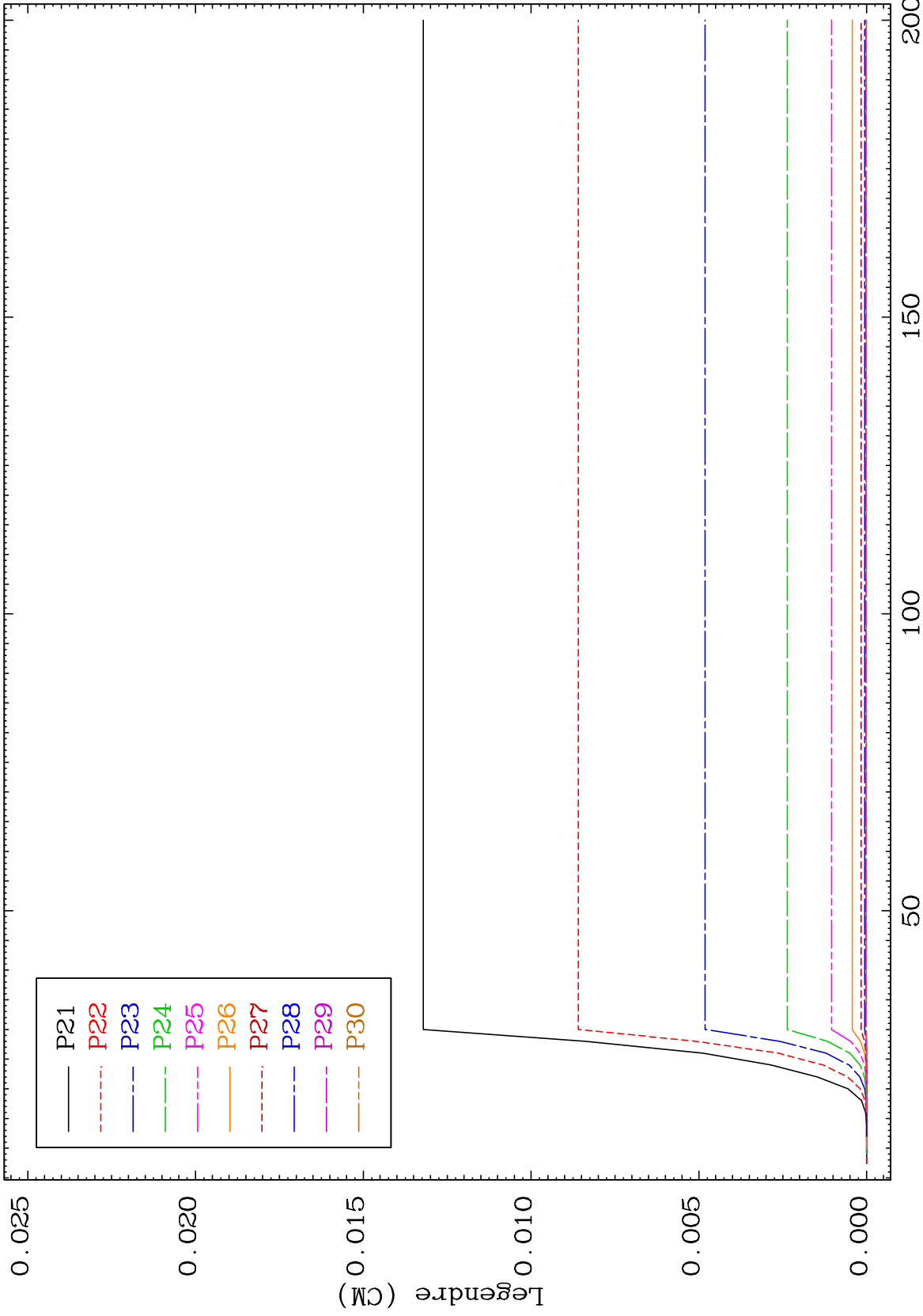
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



34

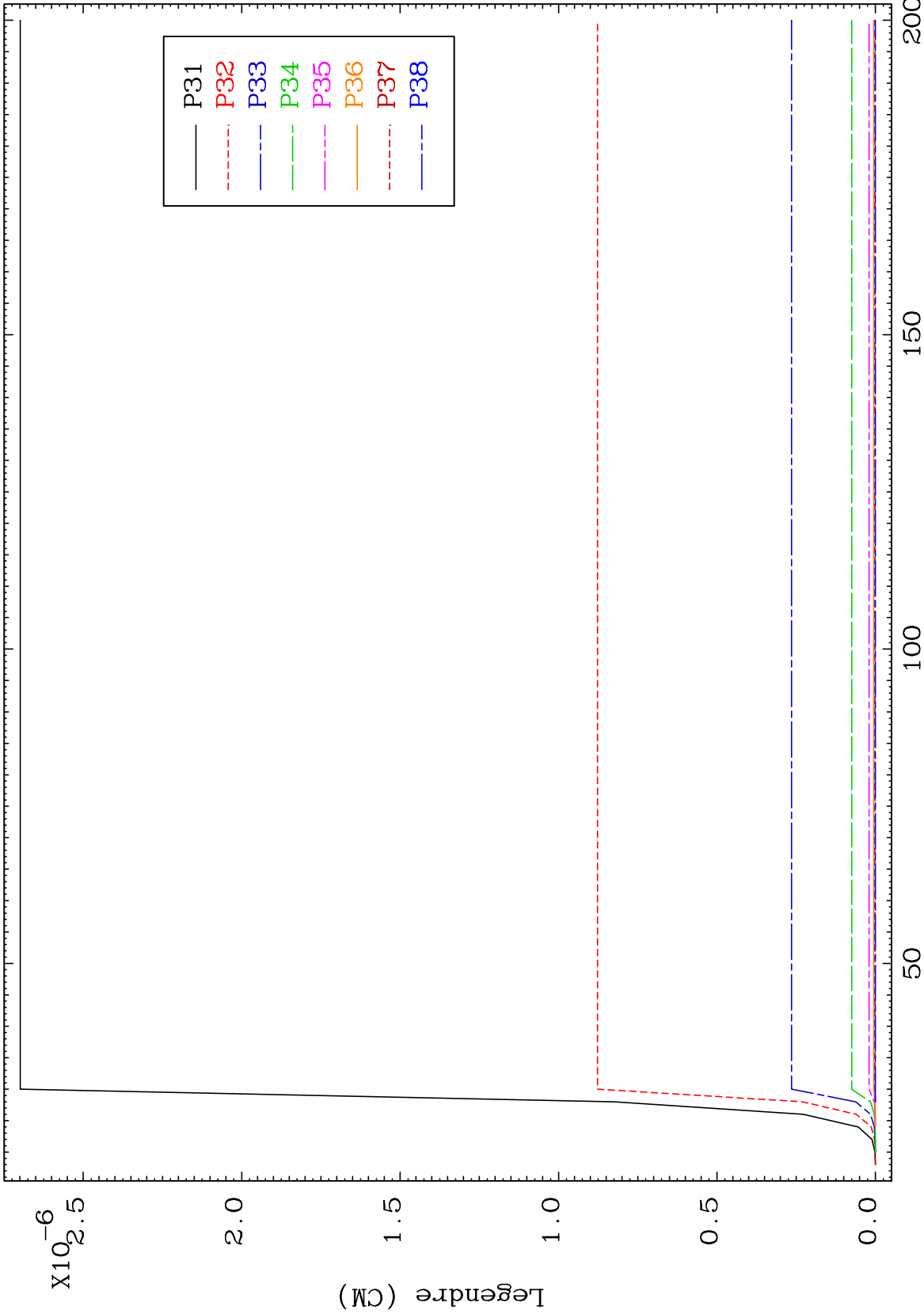
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202

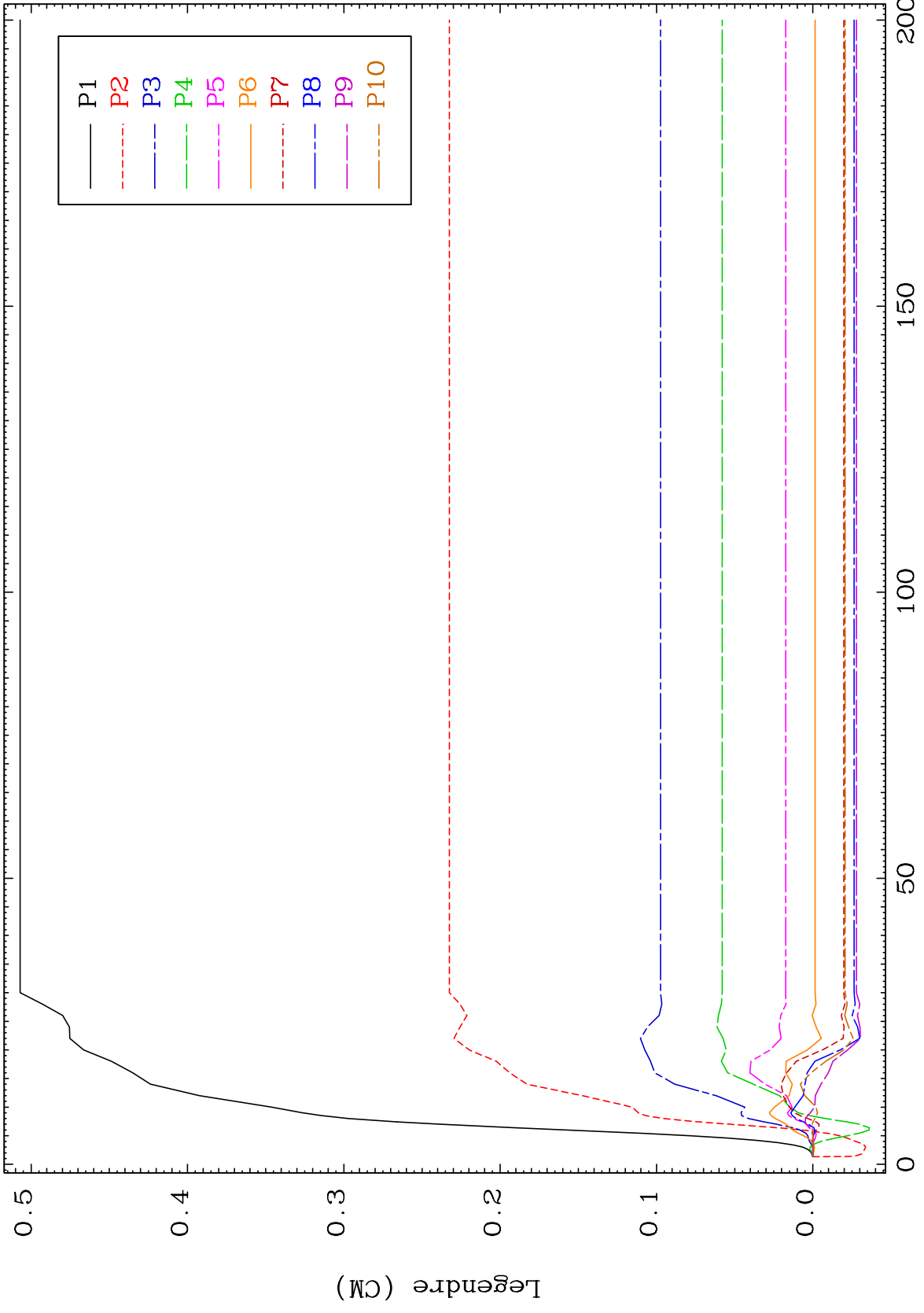


35

Incident Energy (MeV)

80-Hg-202

MAT 8043 MT= 55 (n,n') Level Legendre Coefficients 80-Hg-202

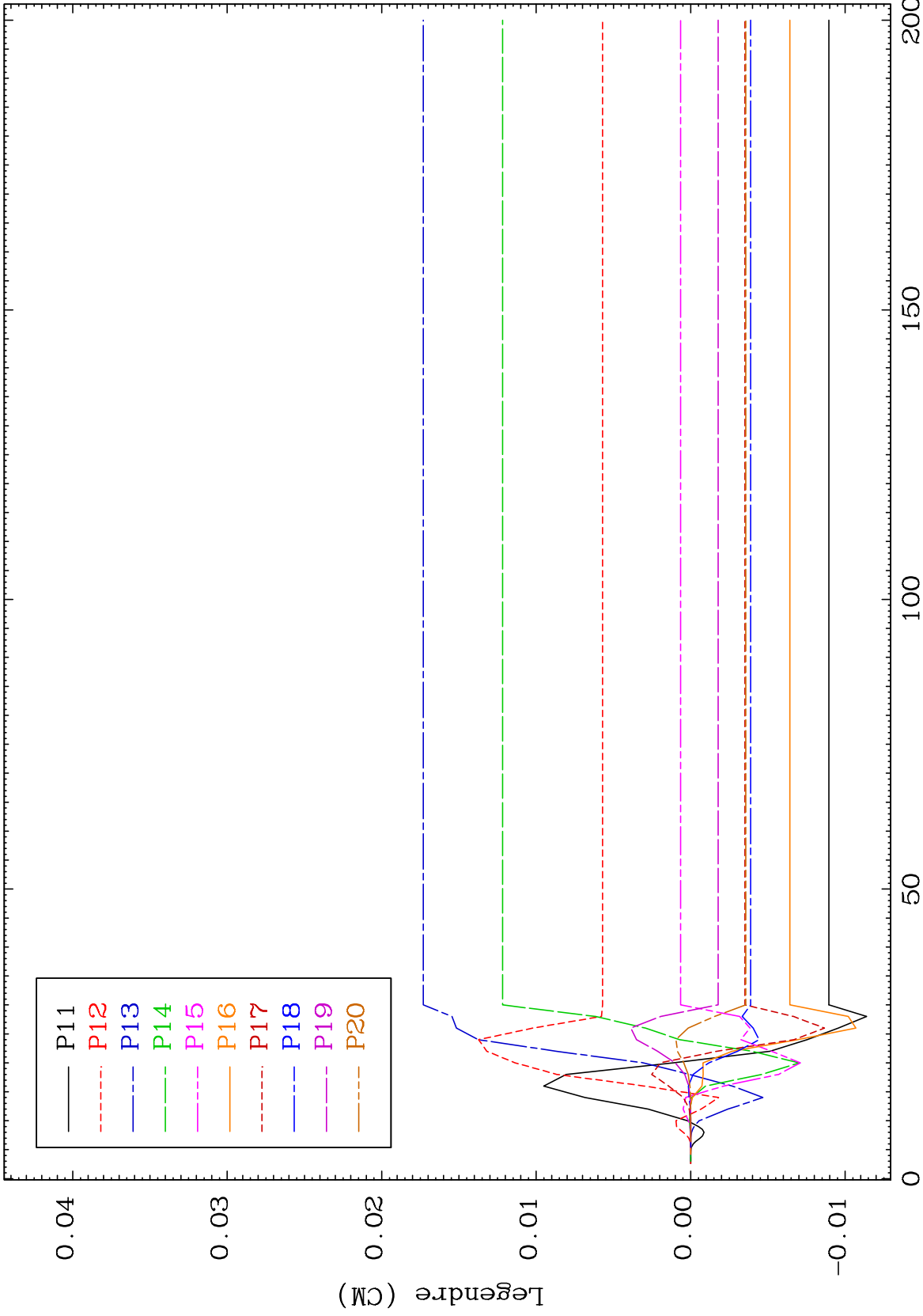


36 80-Hg-202

MAT 8043

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

80-Hg-202



37

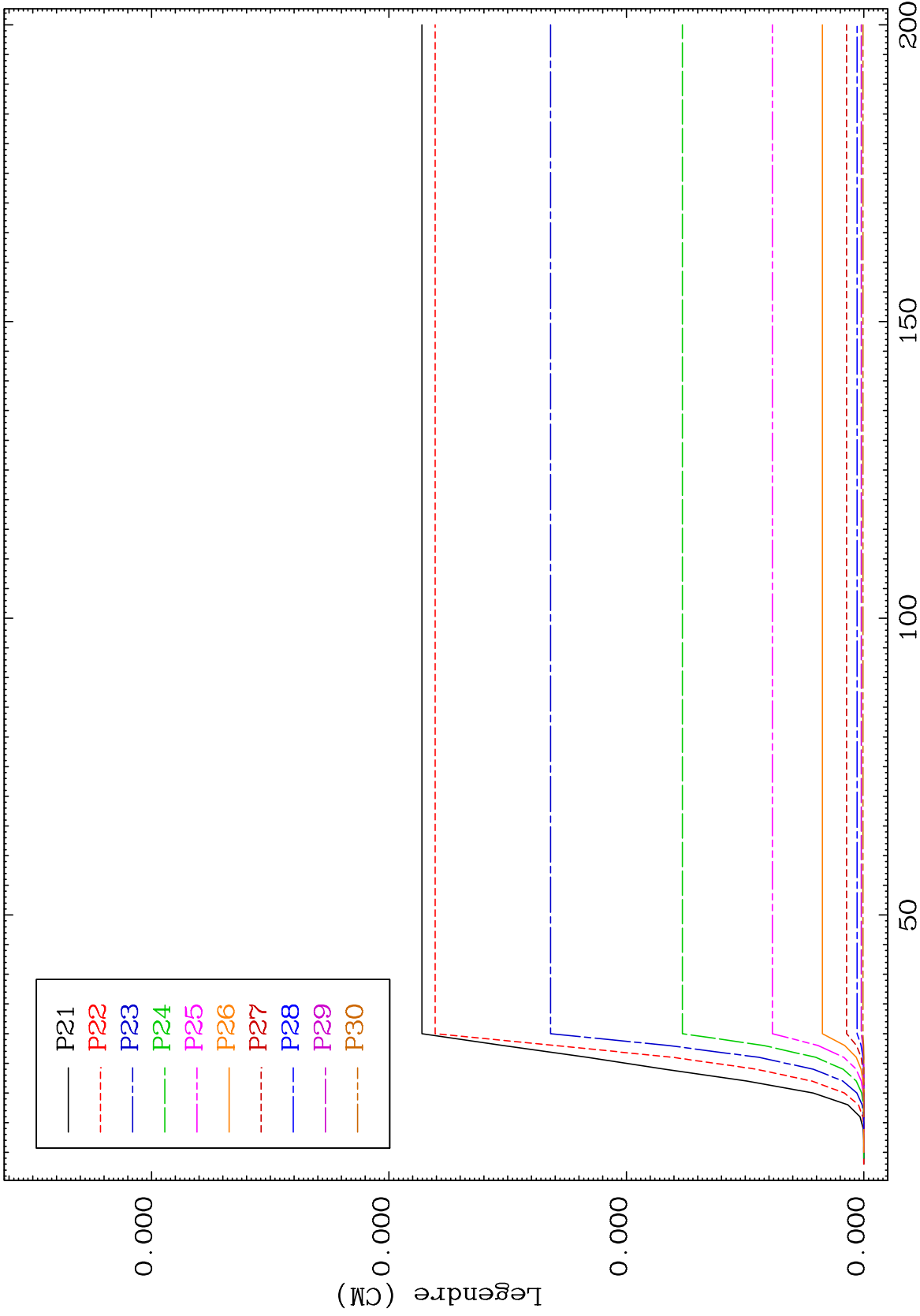
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



38

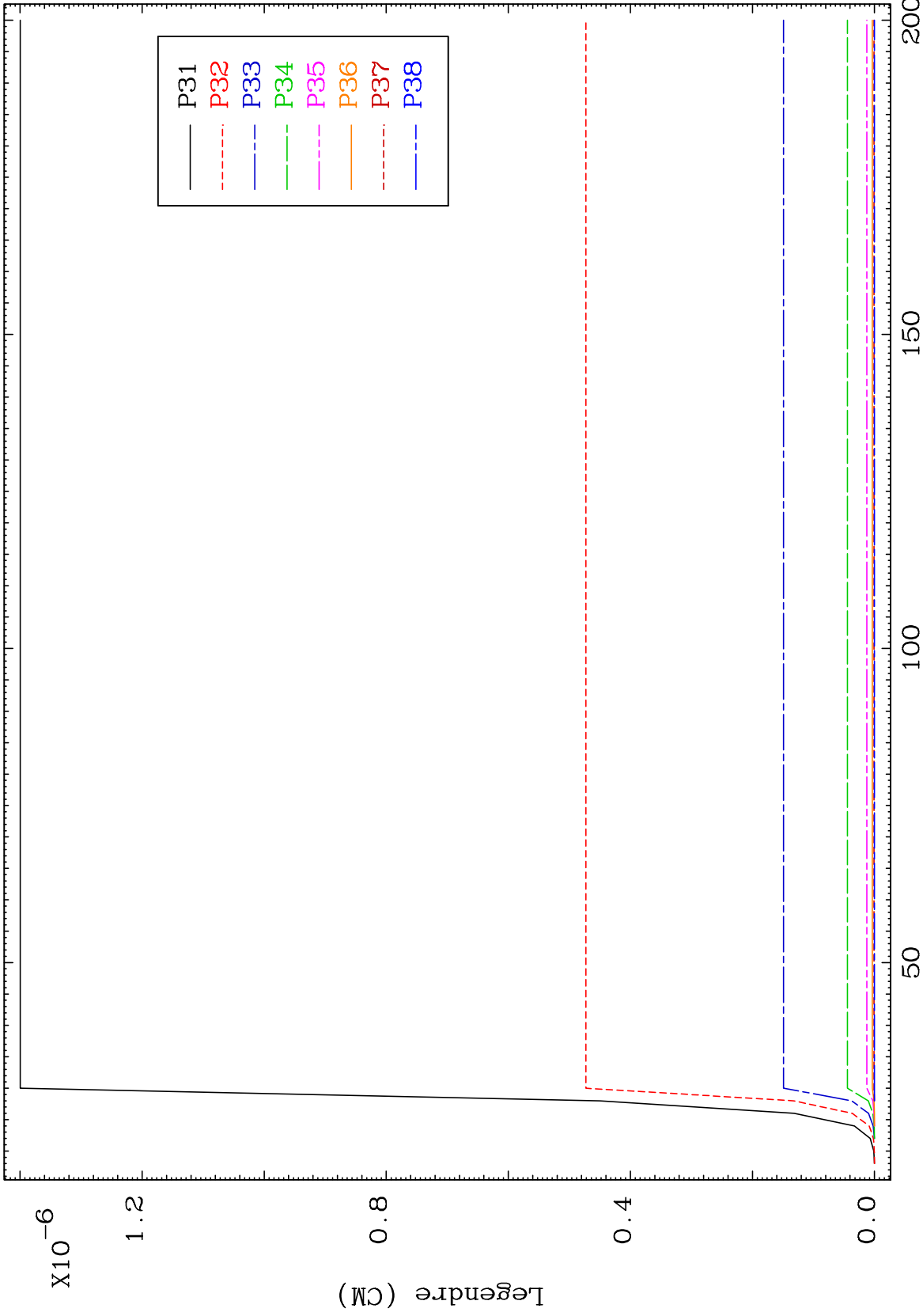
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202

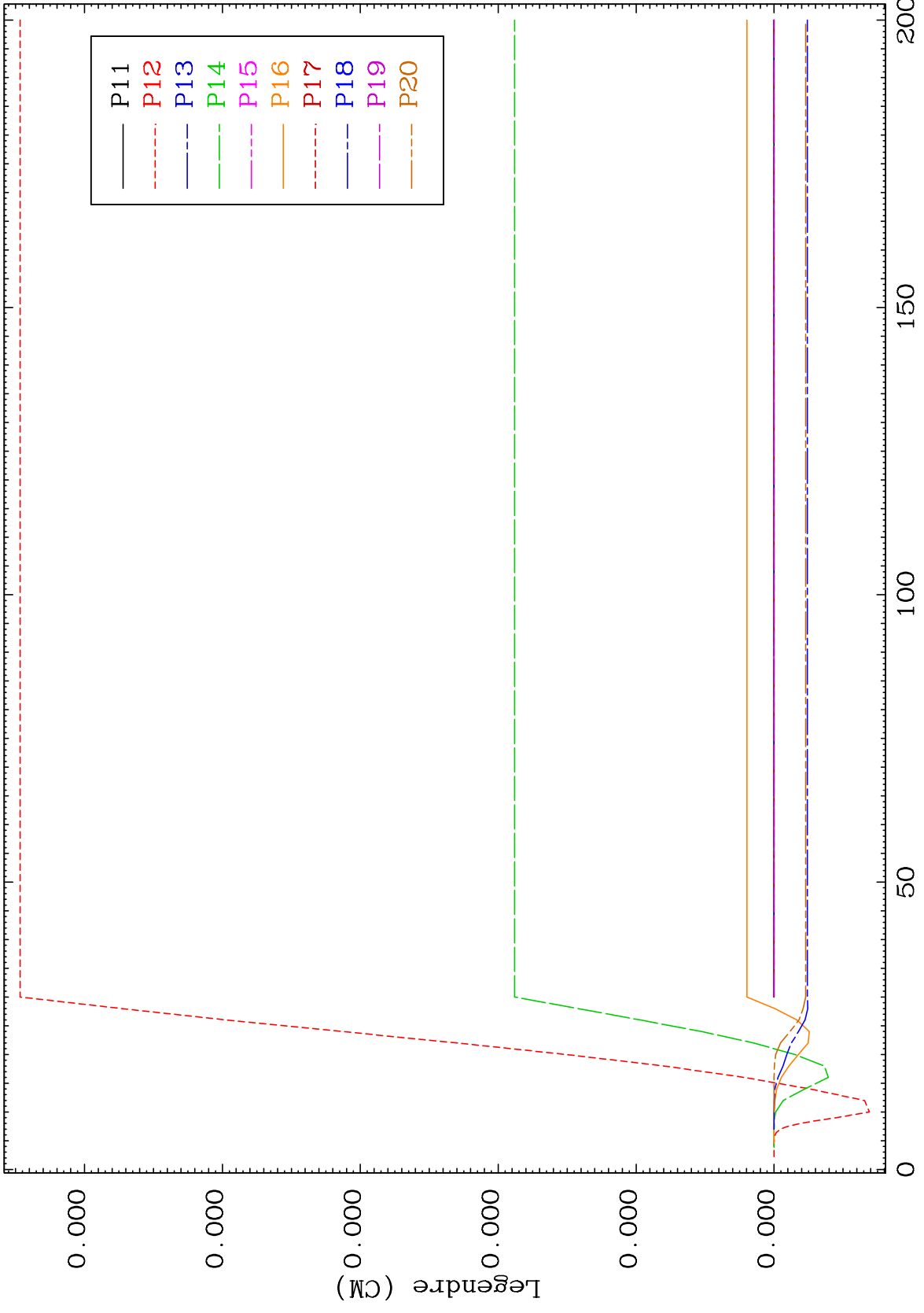


39

Incident Energy (MeV)

80-Hg-202

MAT 8043 MT= 56 (n,n') Level Legendre Coefficients 80-Hg-202

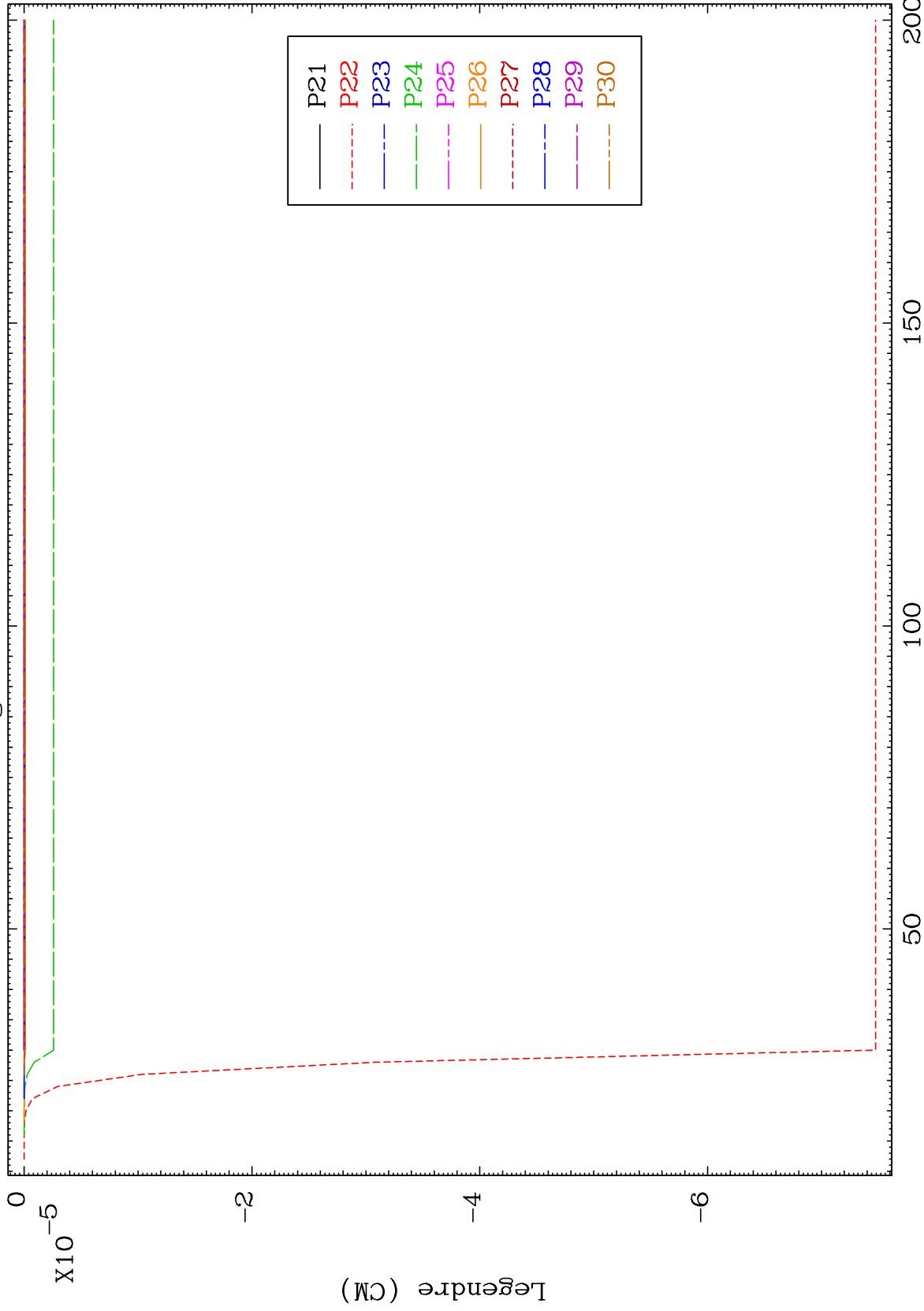


41 80-Hg-202

MAT 8043

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

80-Hg-202



42

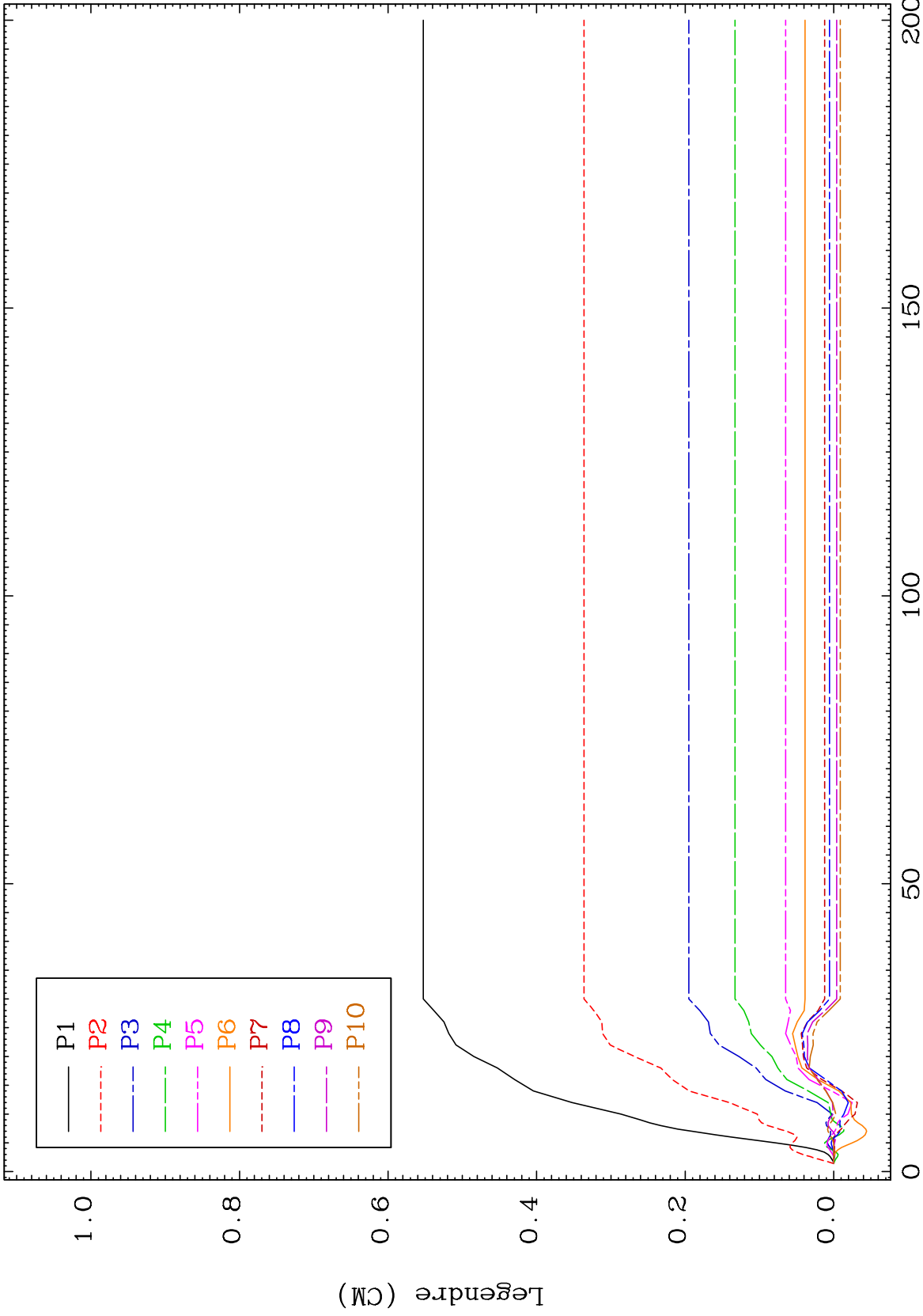
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



43

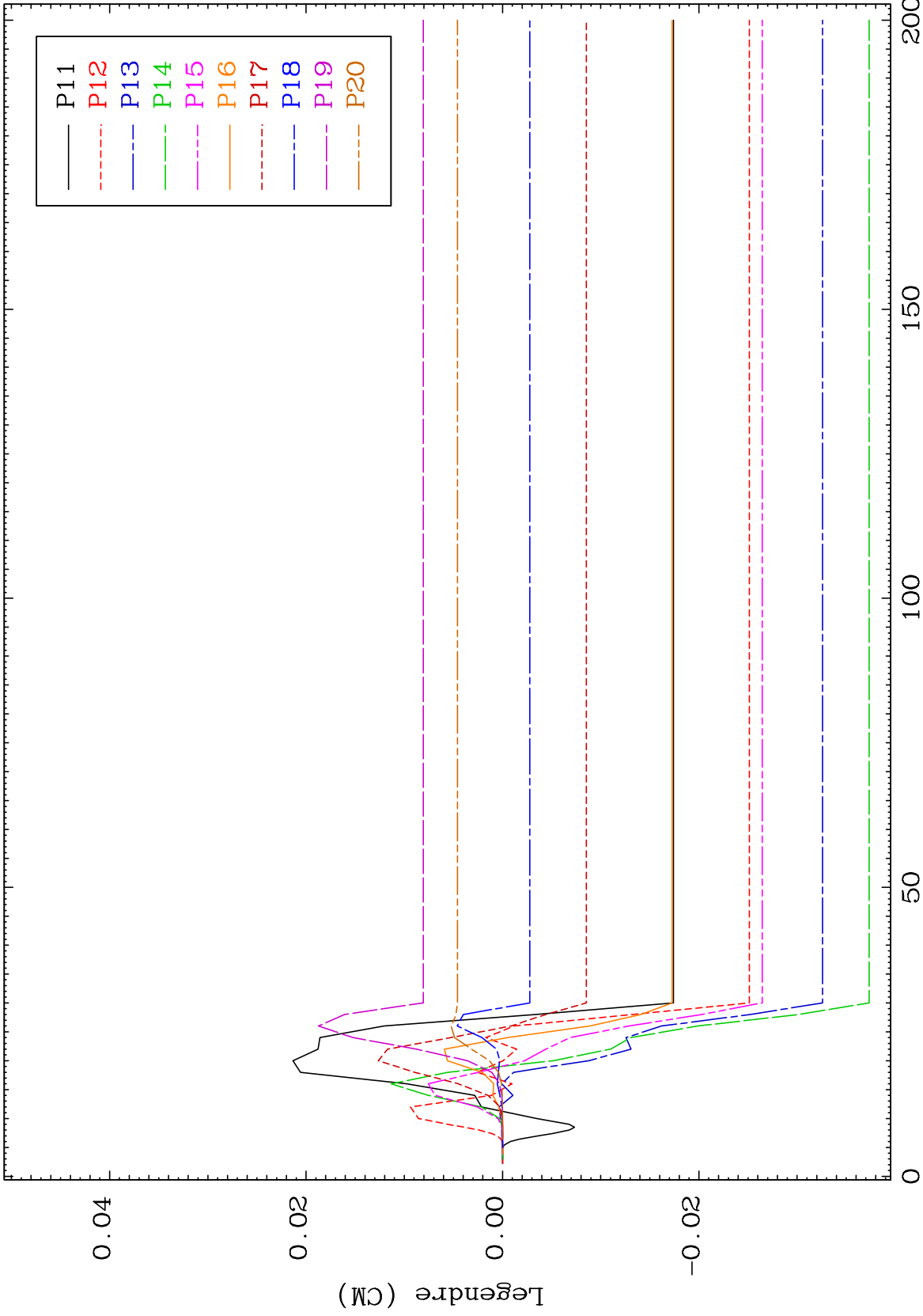
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



44

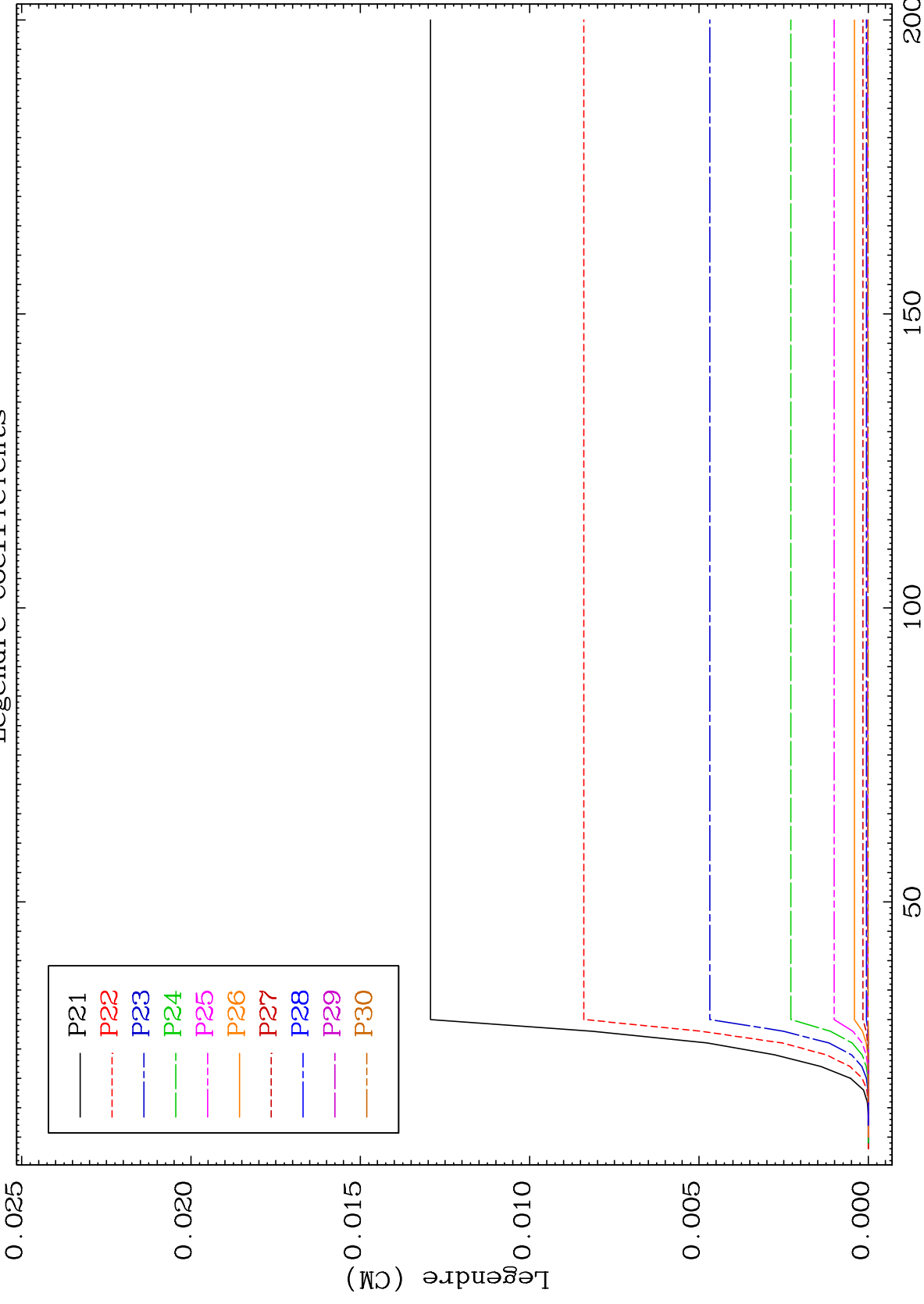
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



45

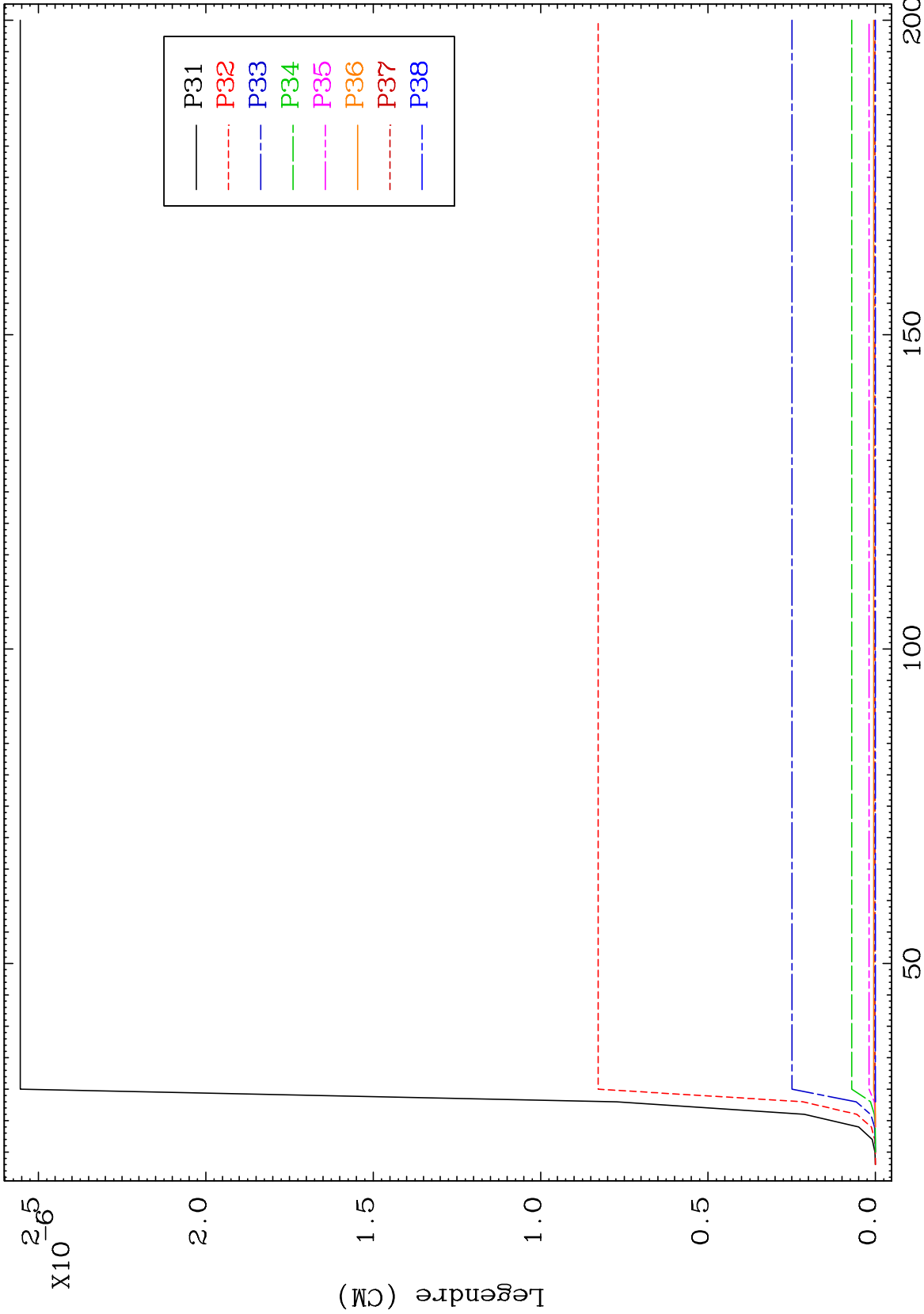
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202

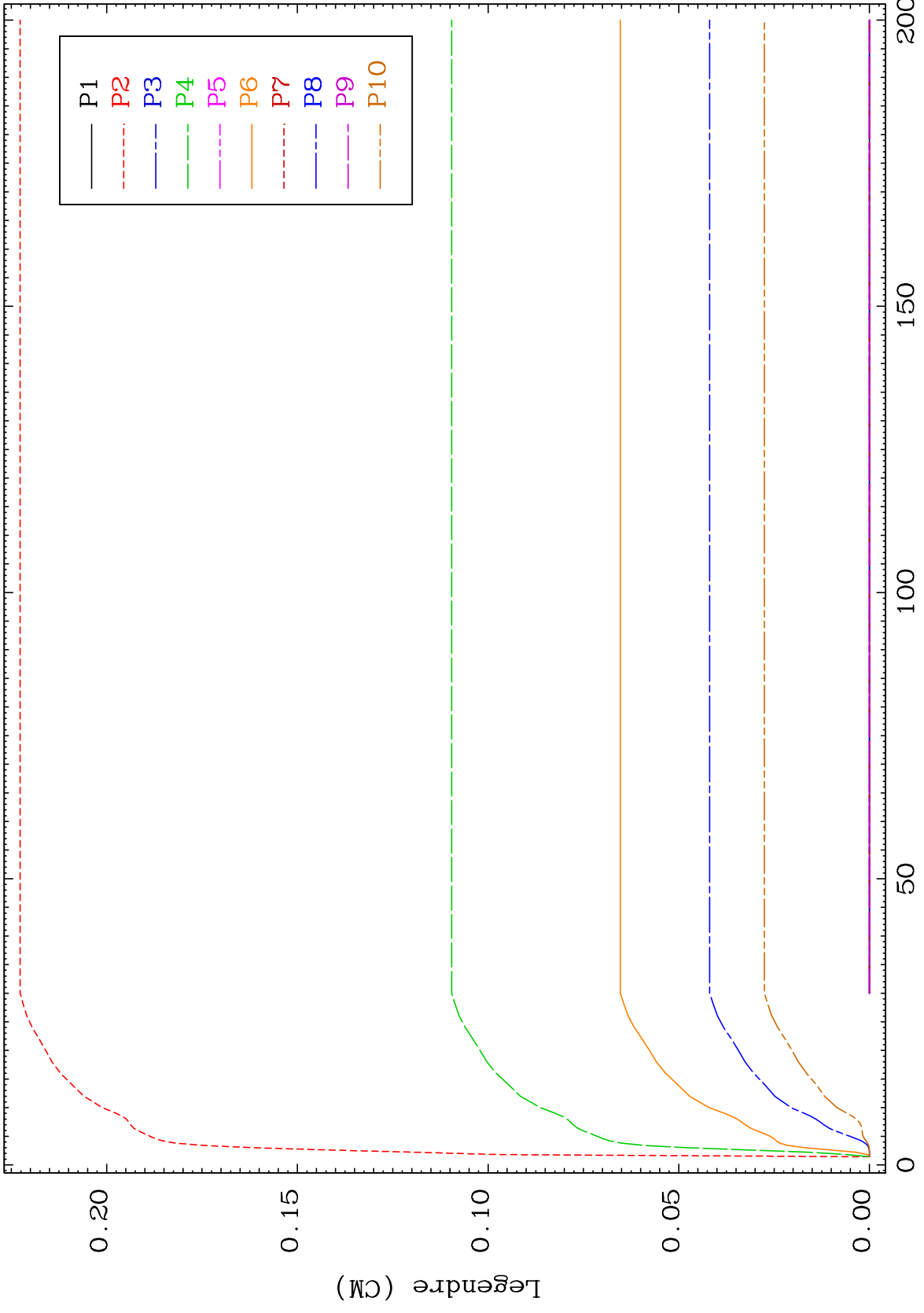


46

Incident Energy (MeV)

80-Hg-202

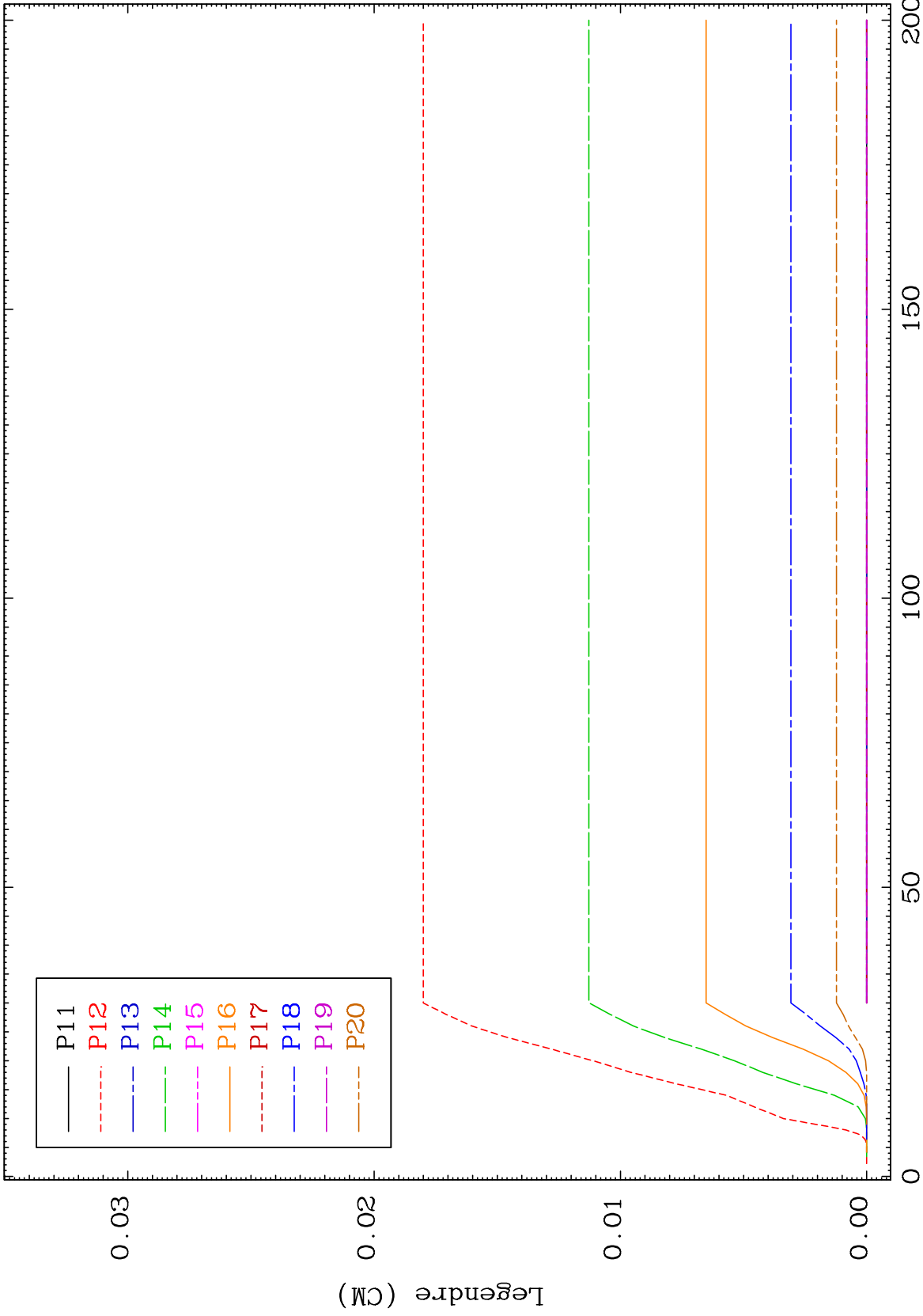
MAT 8043 MT= 58 (n,n') Level Legendre Coefficients 80-Hg-202



MAT 8043

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

80-Hg-202

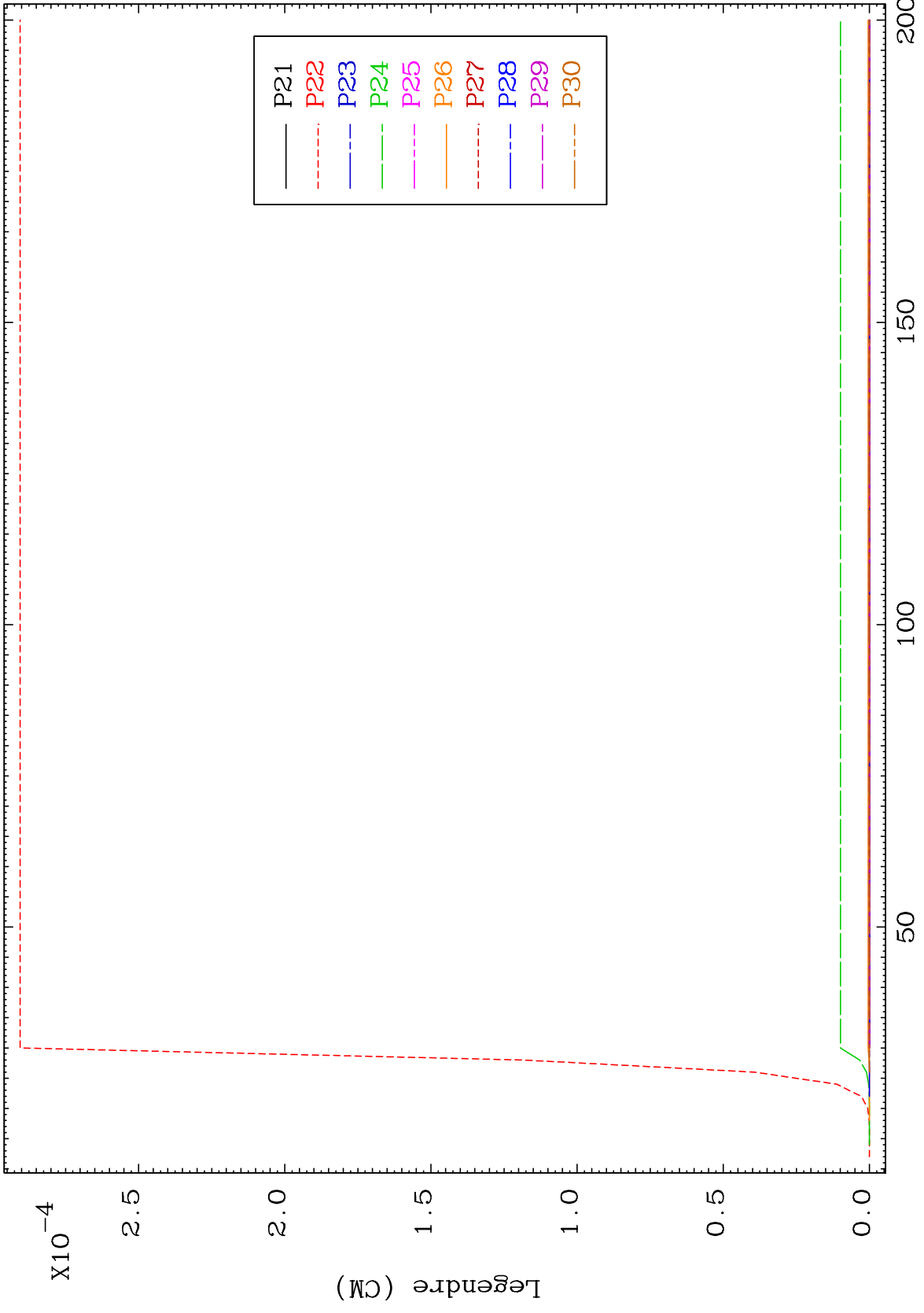


48

Incident Energy (MeV)

80-Hg-202

MAT 8043 MT= 58 (n,n') Level Legendre Coefficients 80-Hg-202

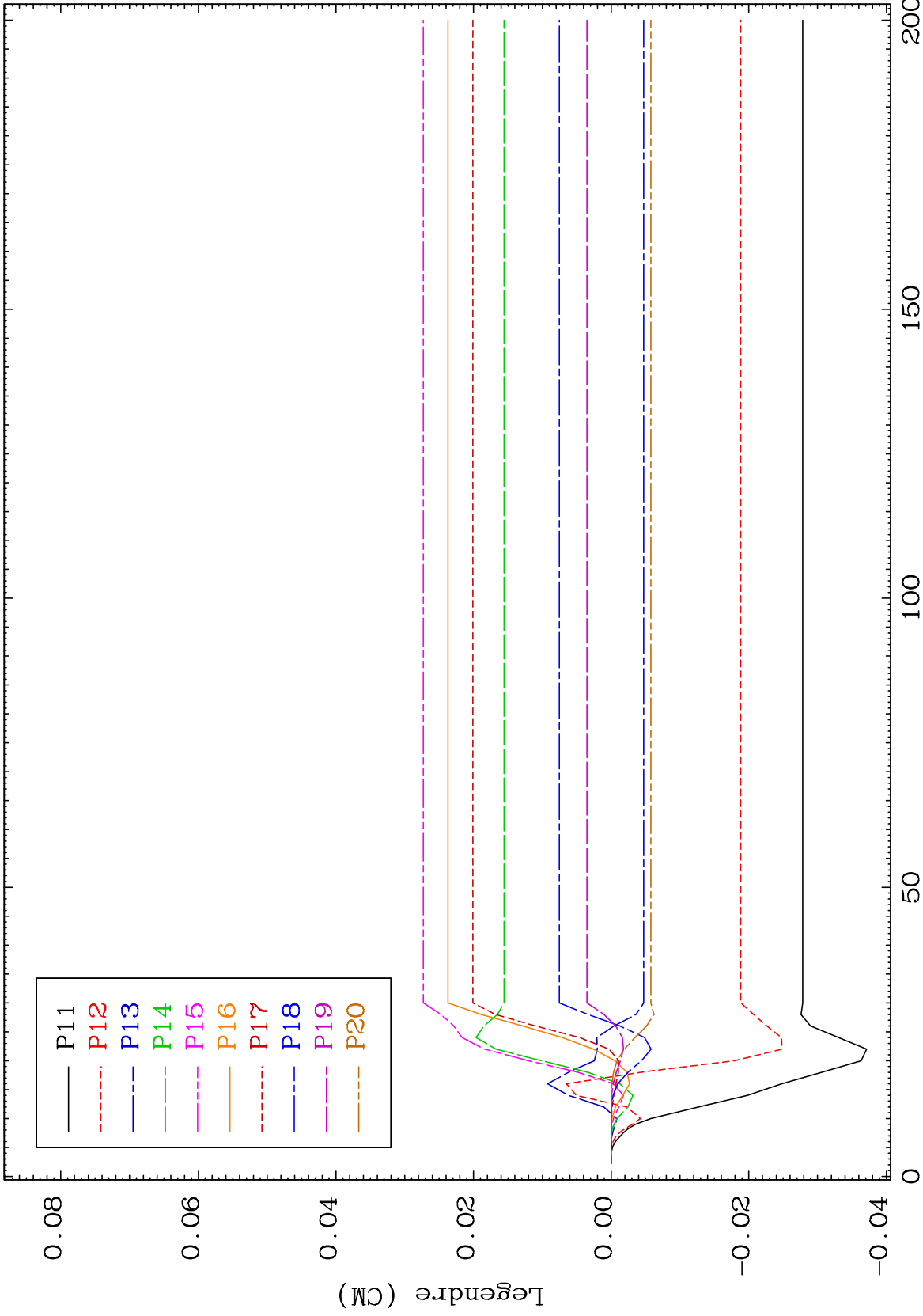


49 80-Hg-202

MAT 8043

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

80-Hg-202



51

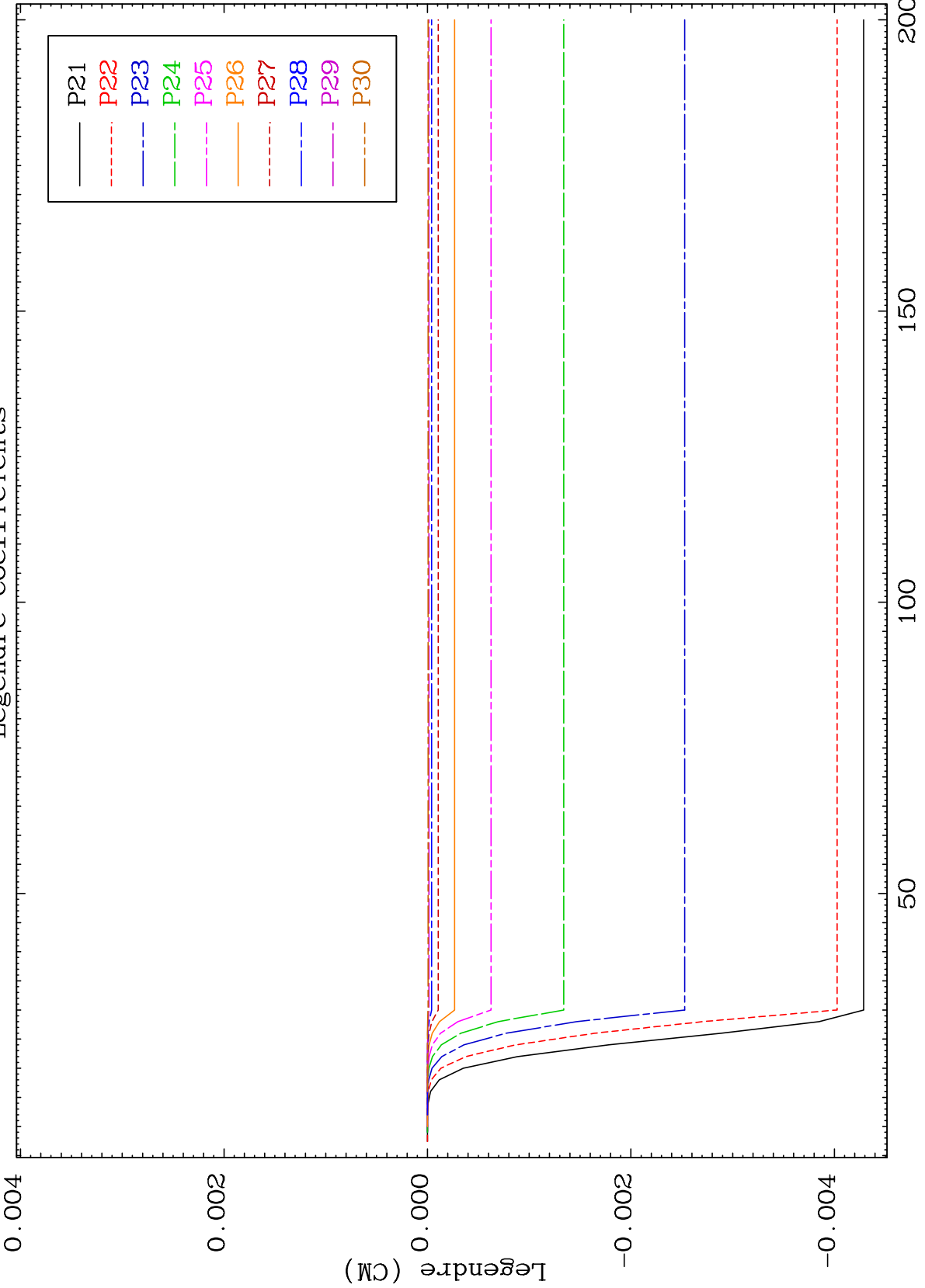
Incident Energy (MeV)

80-Hg-202

MAT 8043 MT= 59 (n,n') Level Legendre Coefficients

80-Hg-202

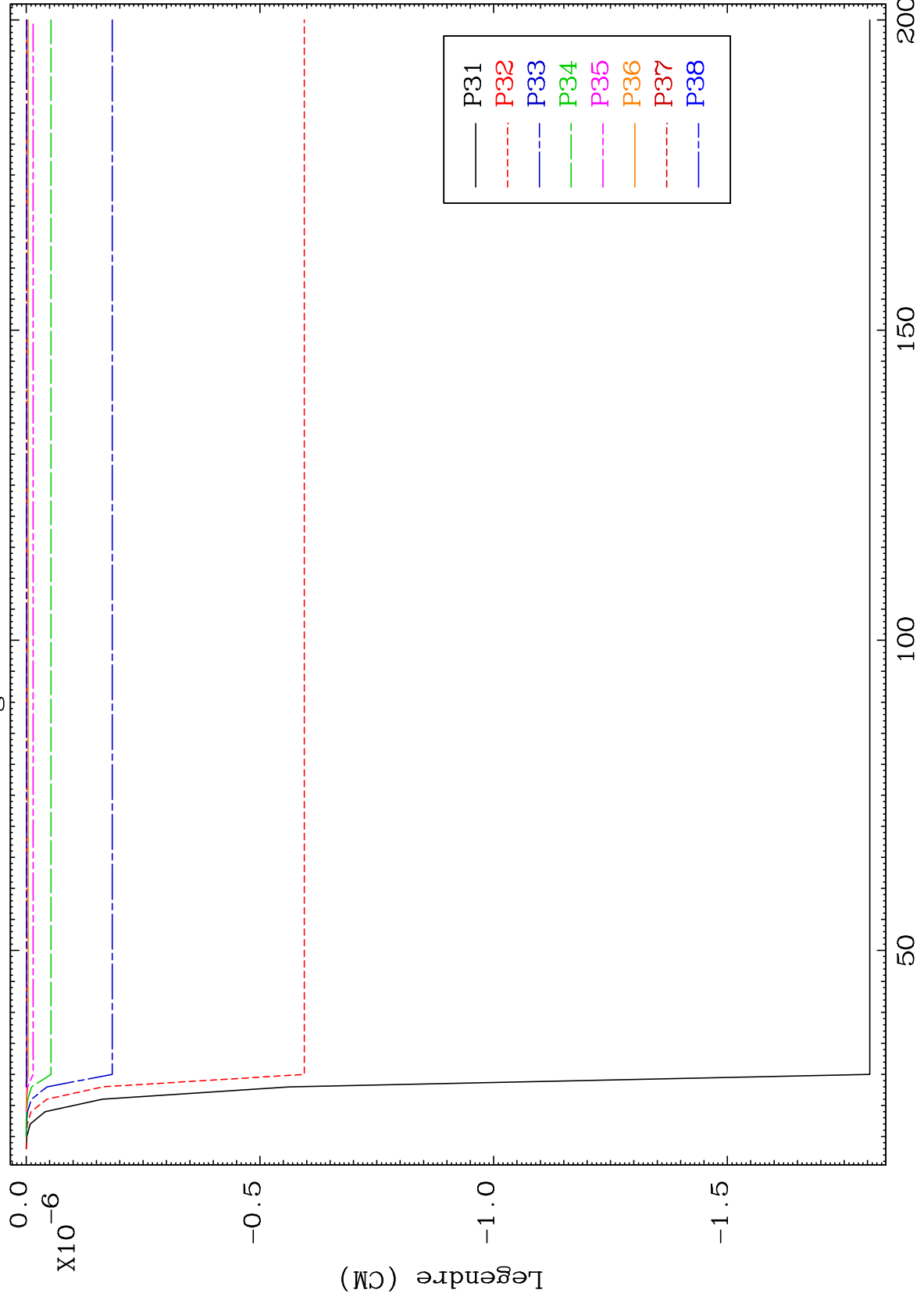
80-Hg-202



MAT 8043

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

80-Hg-202



80-Hg-202

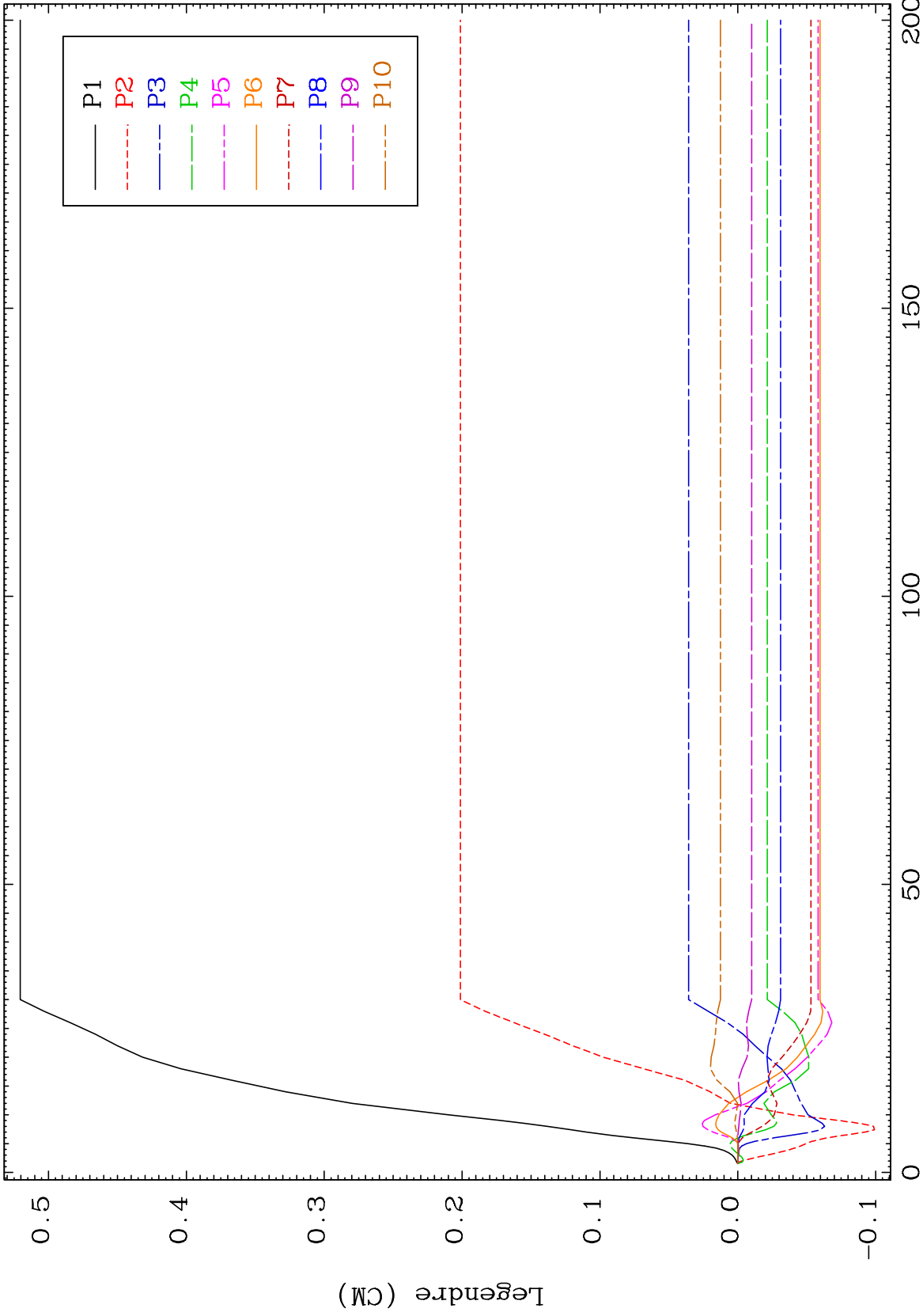
Incident Energy (MeV)

53

MAT 8043

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

80-Hg-202



54

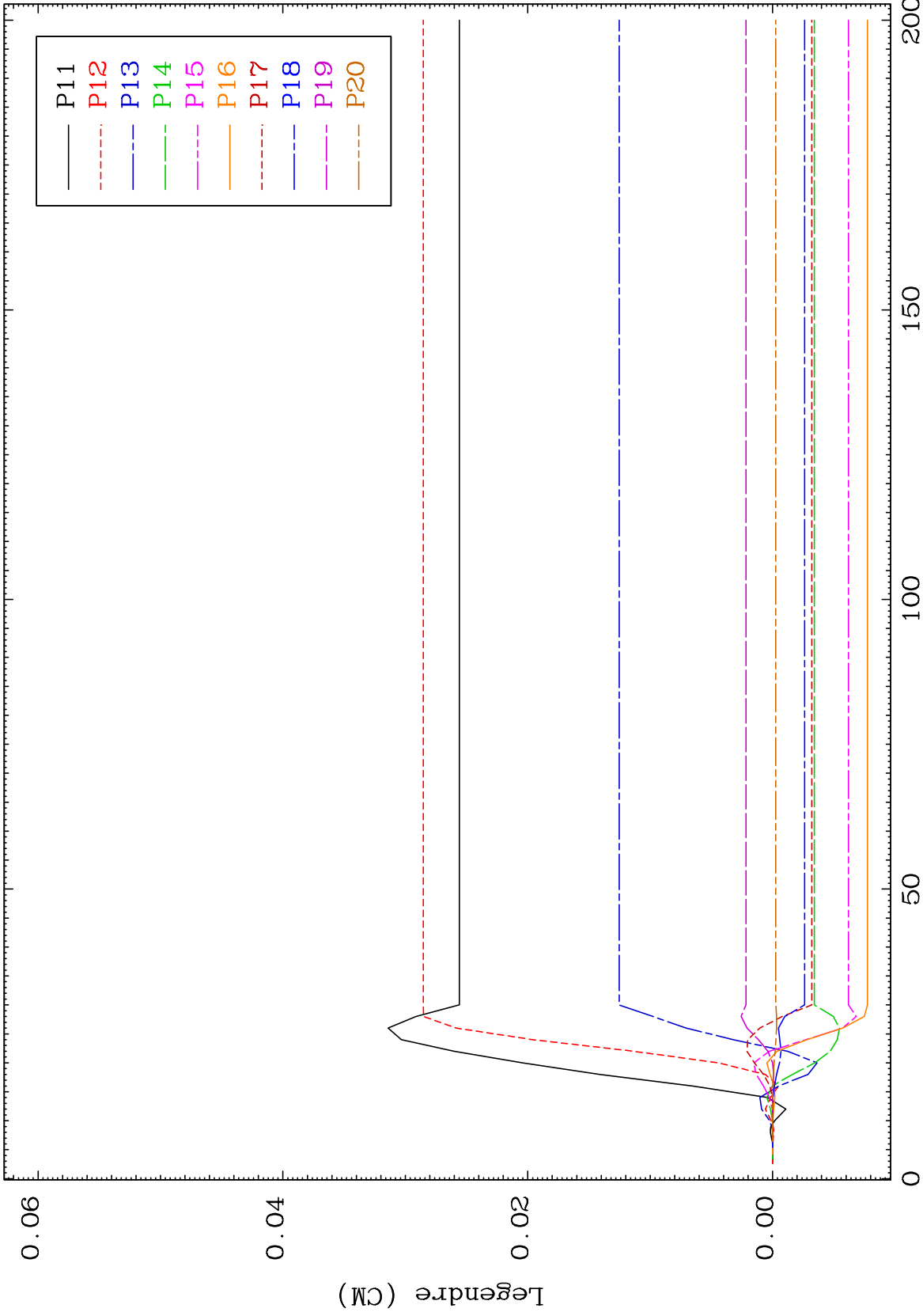
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



55

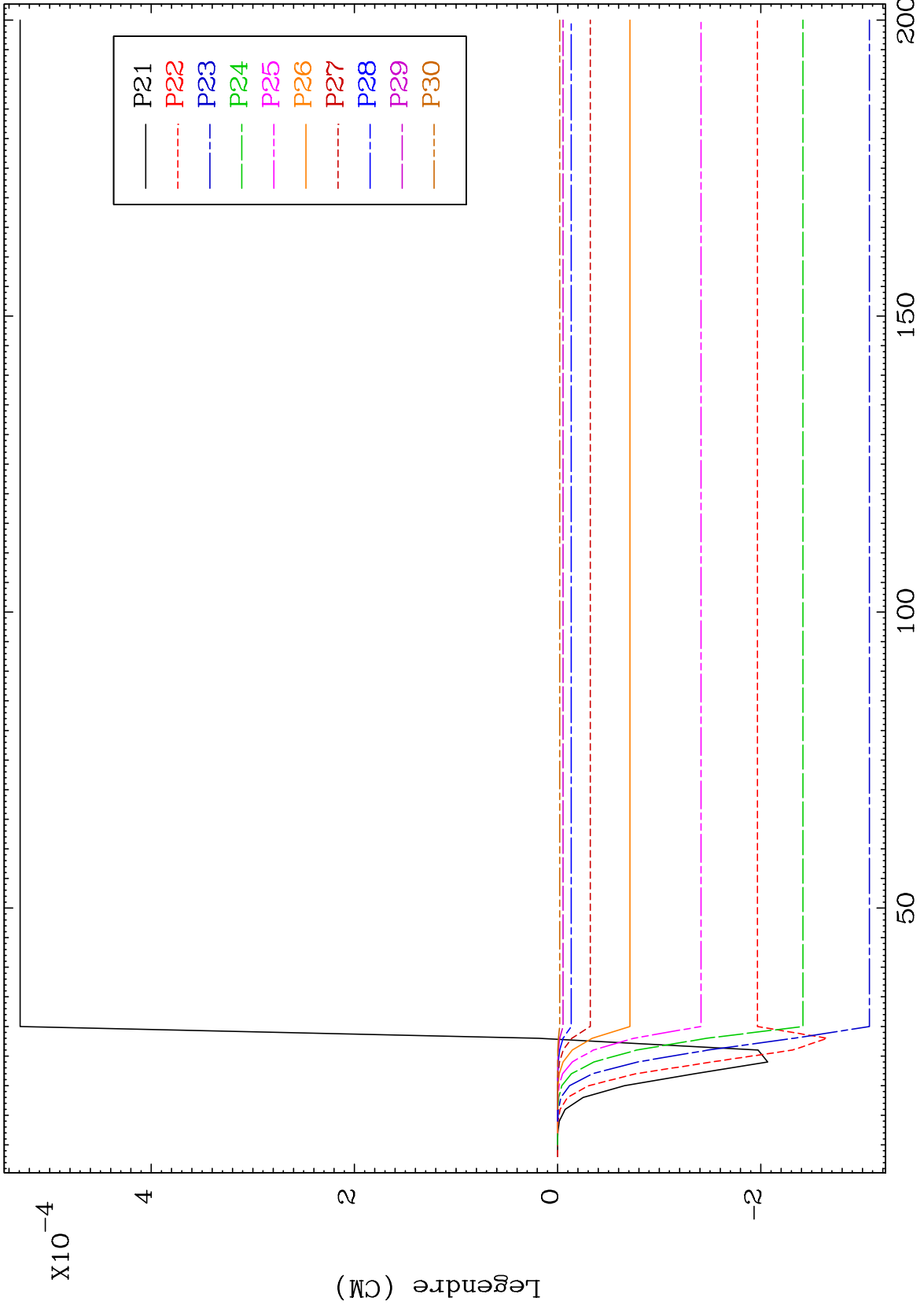
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202

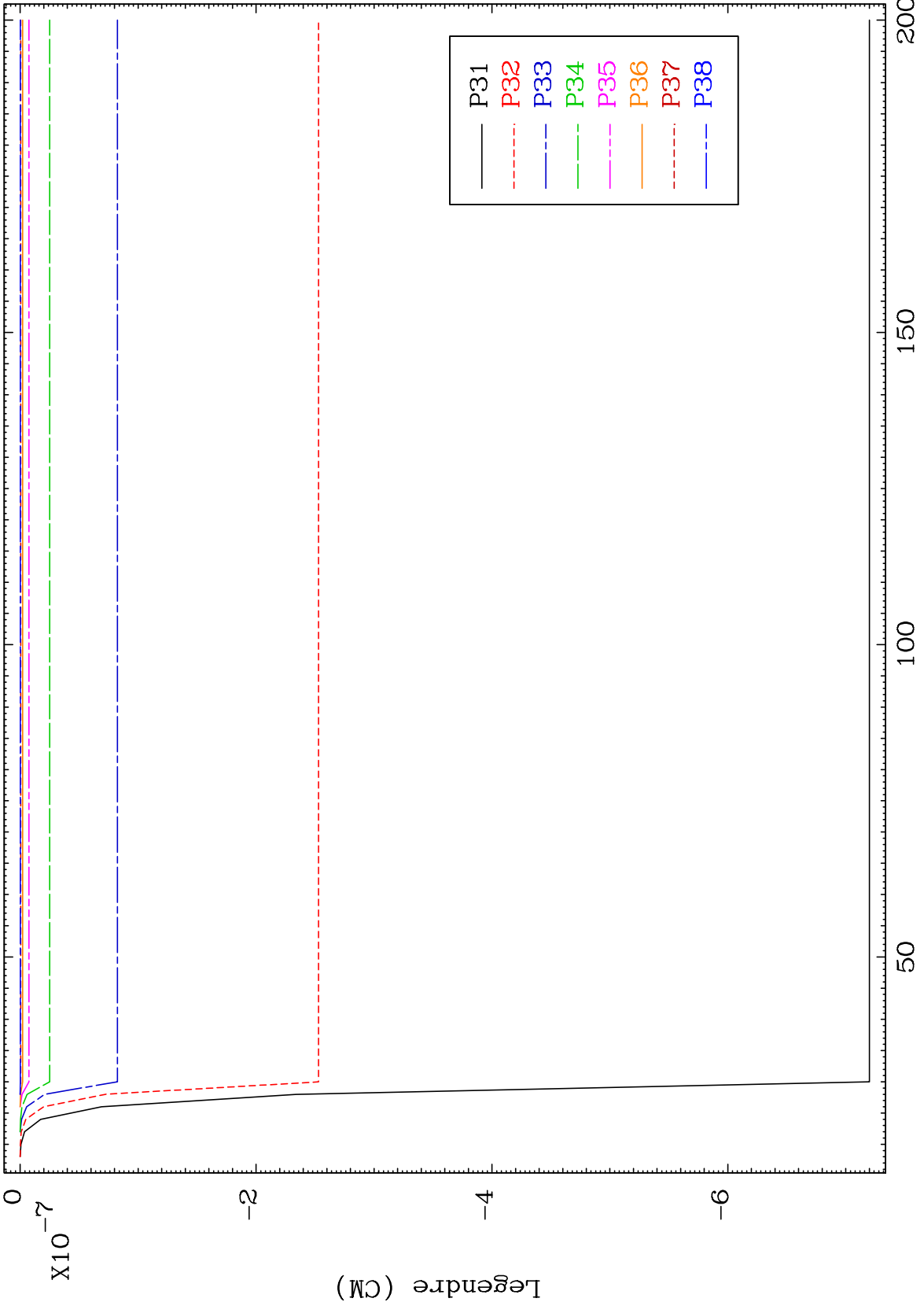


56

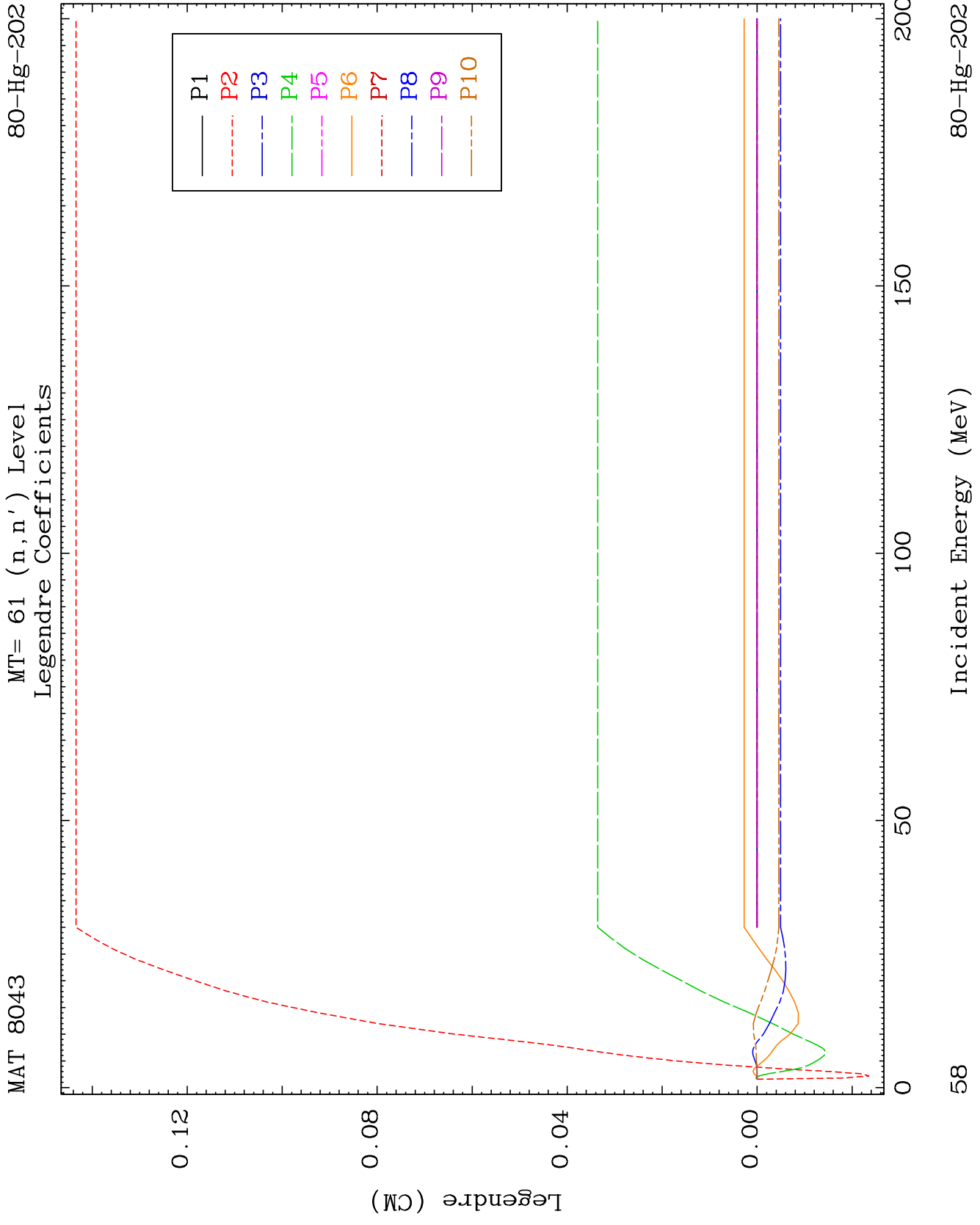
80-Hg-202

MAT 8043 MT= 60 (n, n') Level 80-Hg-202

Legendre Coefficients



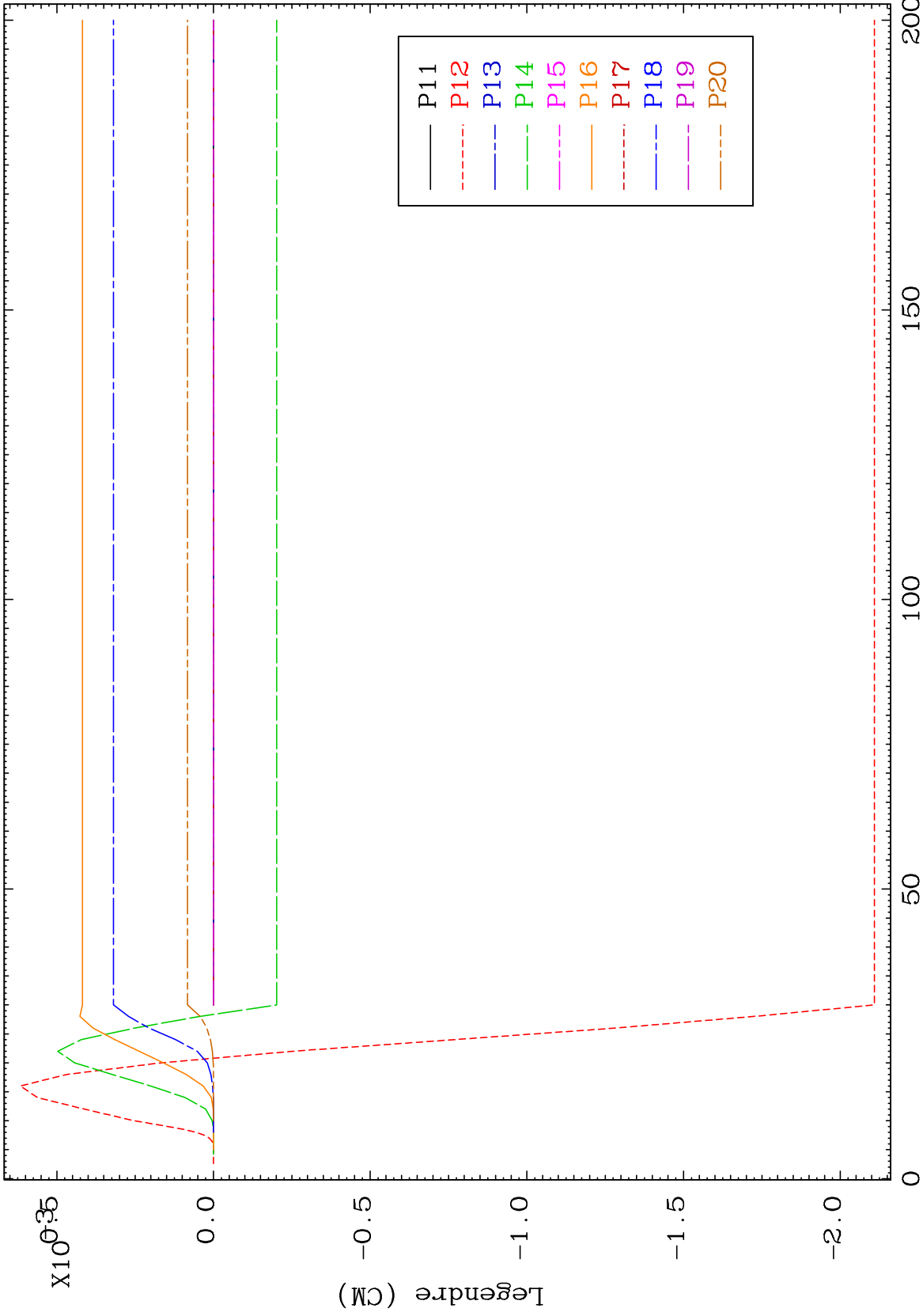
57 80-Hg-202



MAT 8043

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

80-Hg-202



59

Incident Energy (MeV)

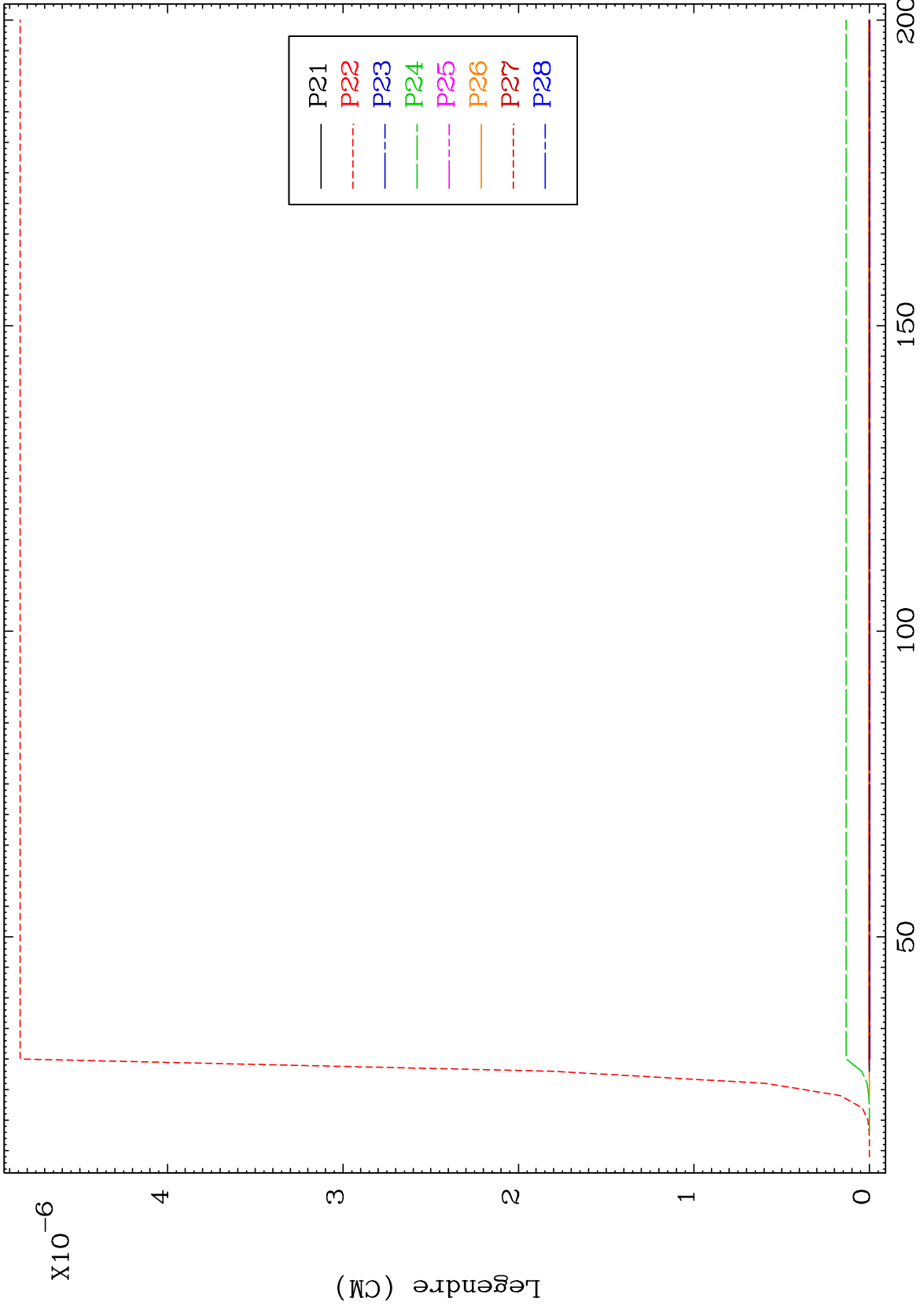
80-Hg-202

MAT 8043

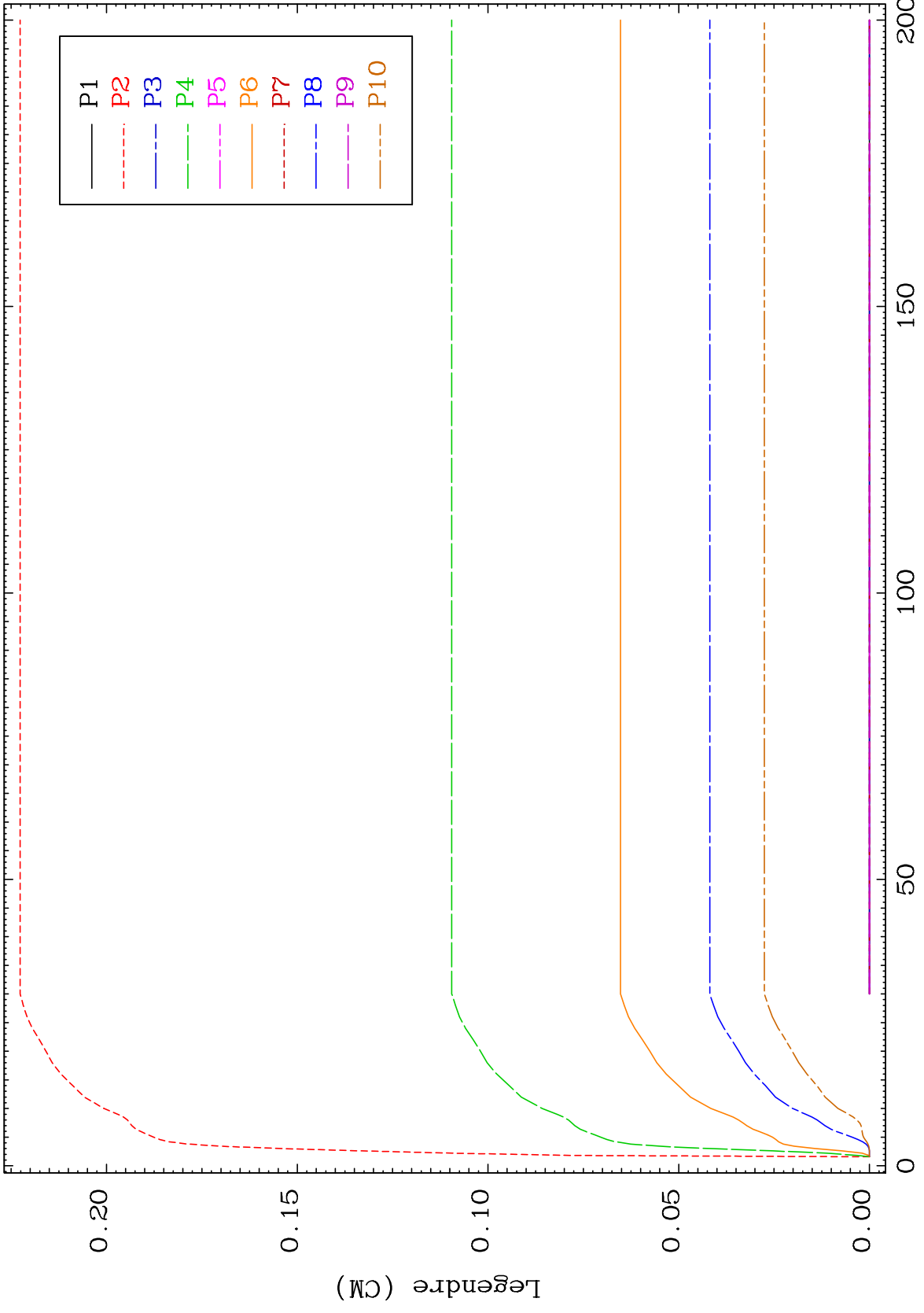
MT= 61 (n,n') Level
Legendre Coefficients

80-Hg-202

Incident Energy (MeV)



MAT 8043 MT= 62 (n,n') Level Legendre Coefficients 80-Hg-202

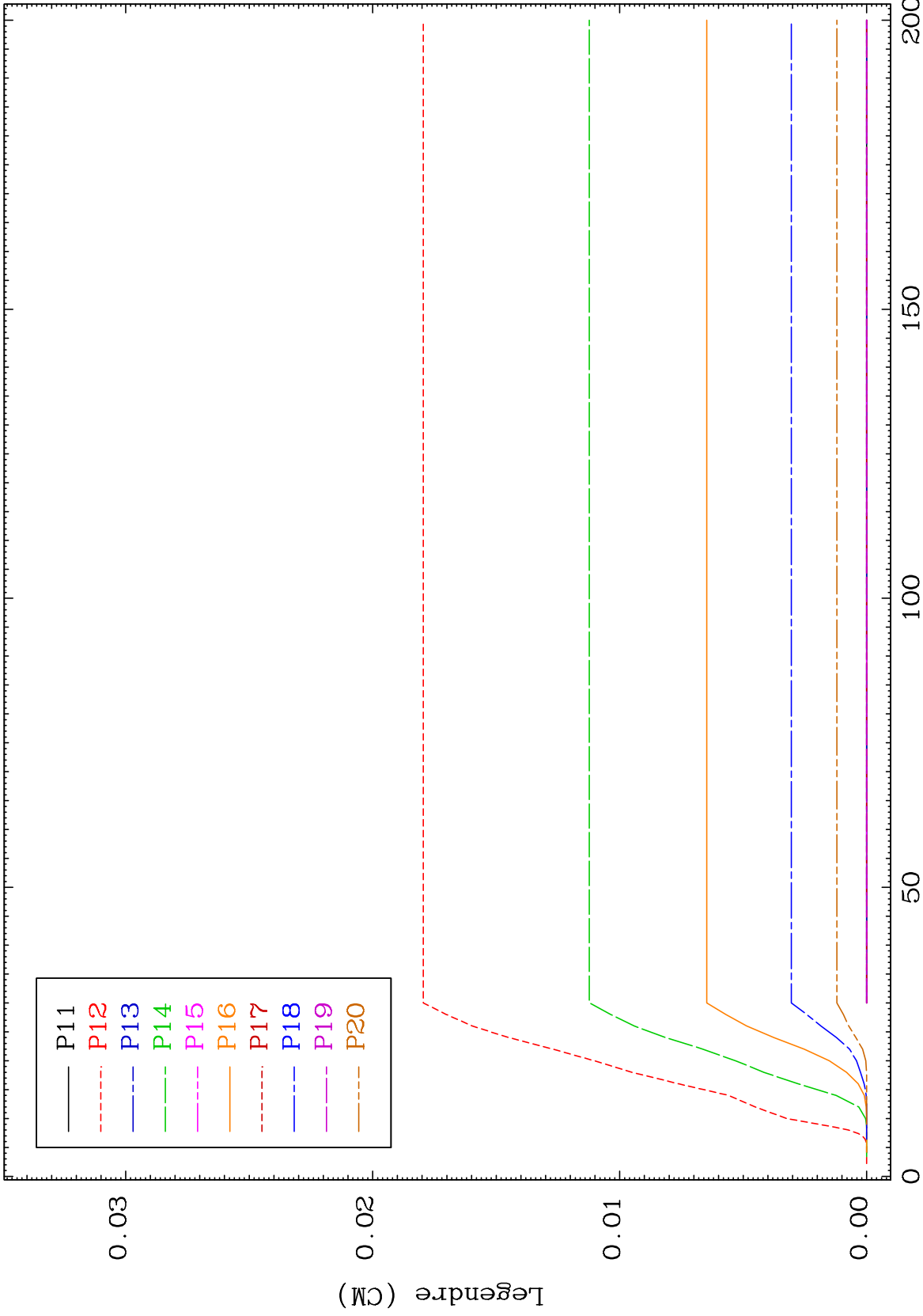


61 80-Hg-202

MAT 8043

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

80-Hg-202

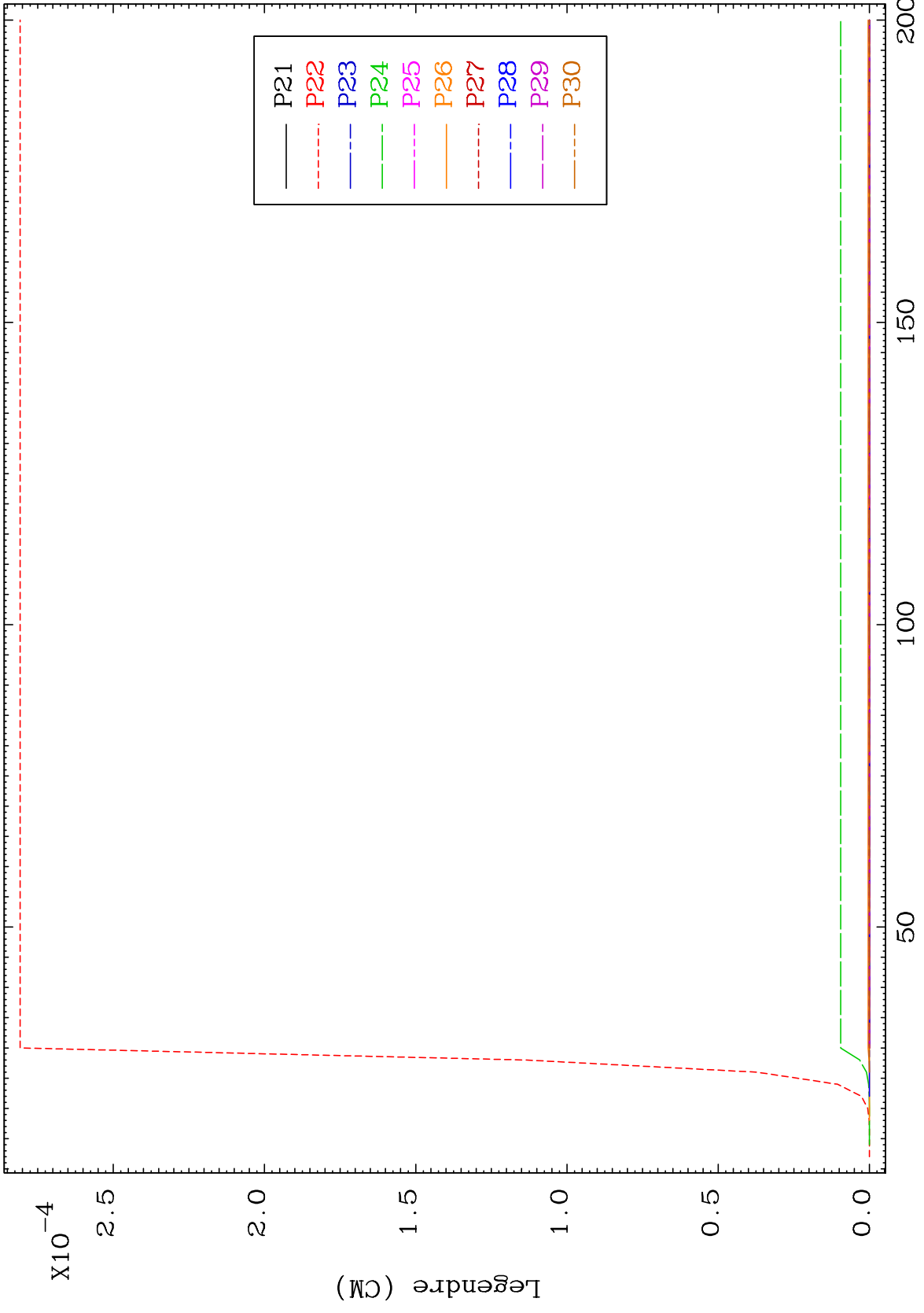


62

Incident Energy (MeV)

80-Hg-202

MAT 8043 MT= 62 (n,n') Level Legendre Coefficients 80-Hg-202

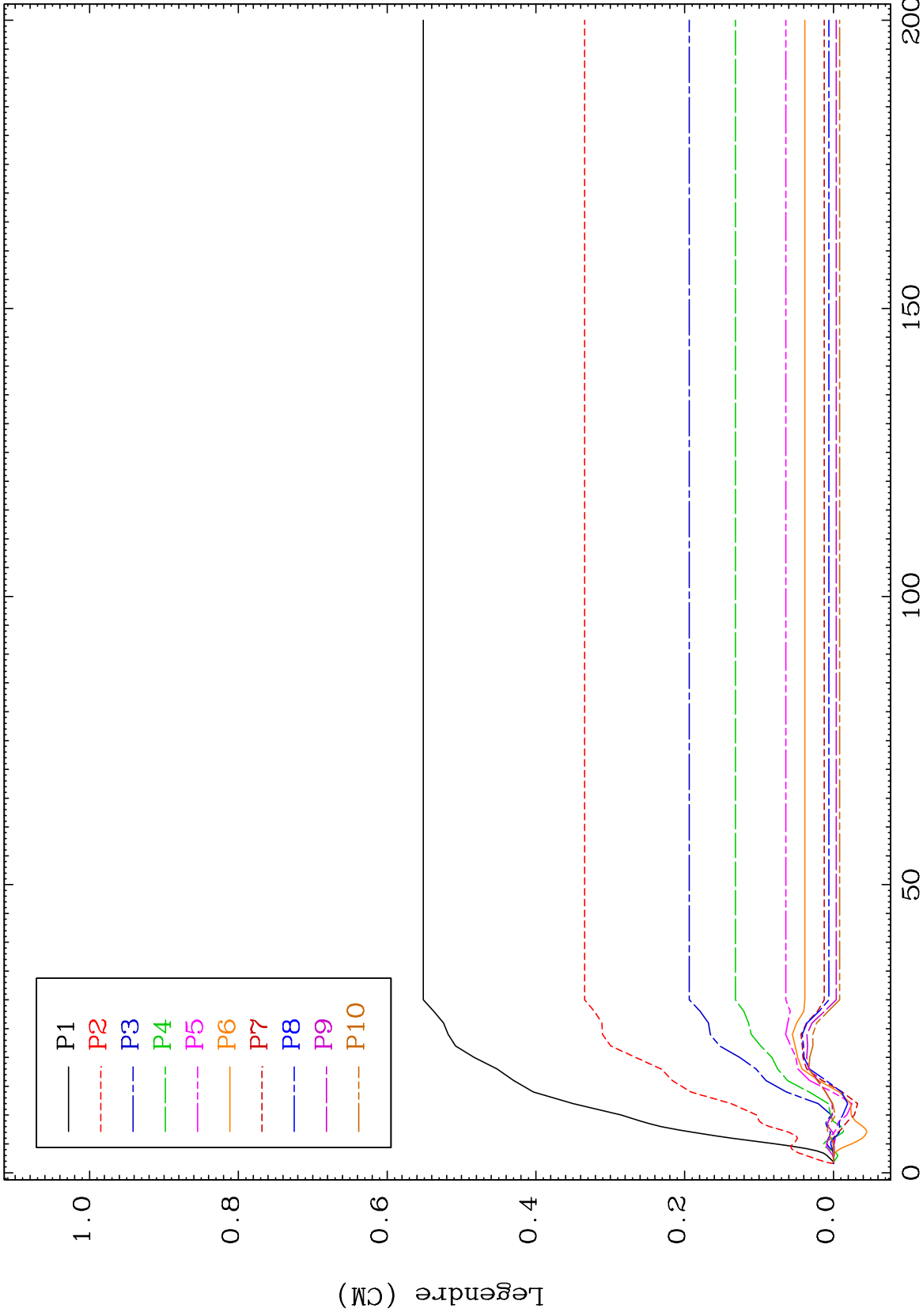


63 80-Hg-202

MAT 8043

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

80-Hg-202



64

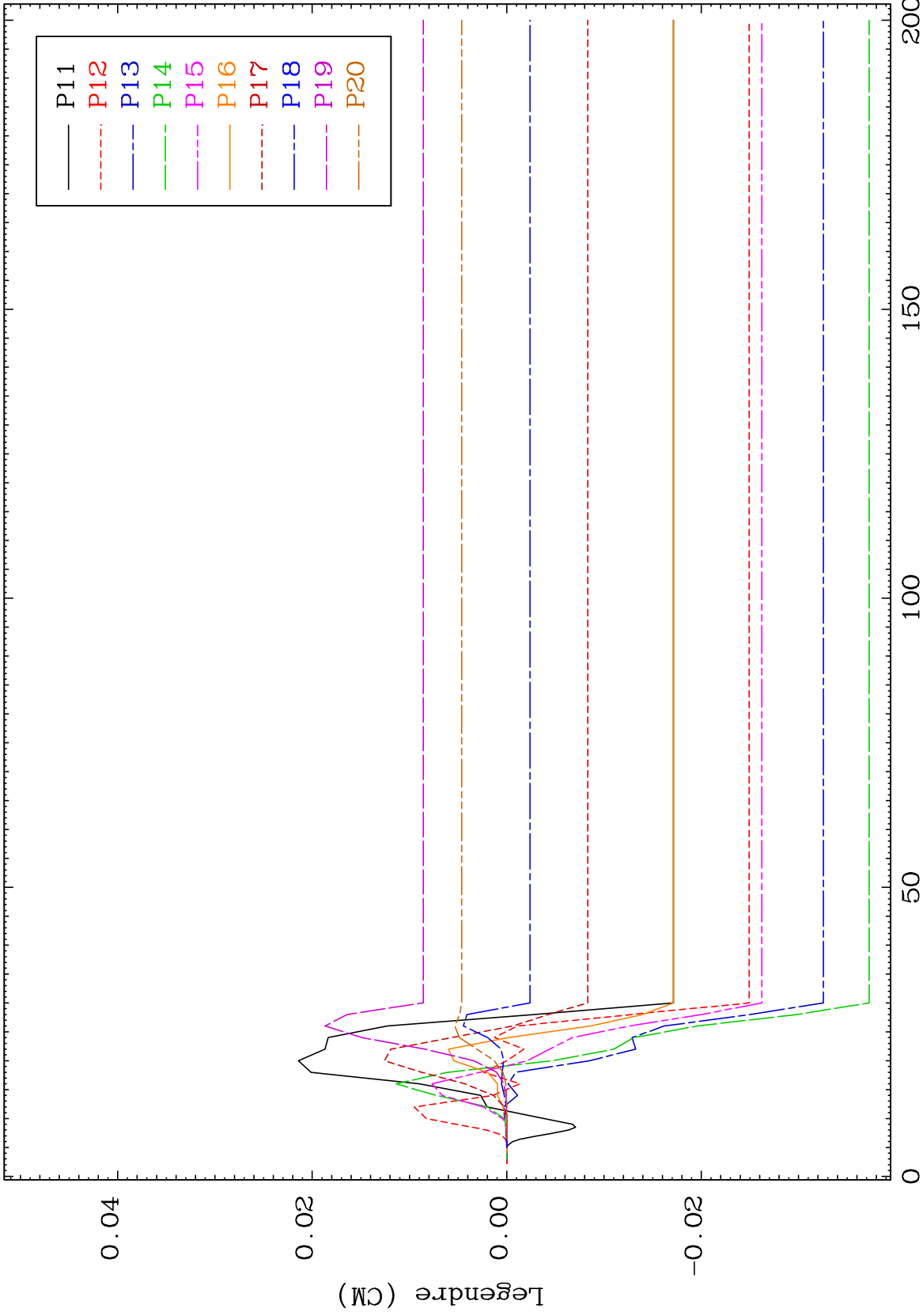
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



65

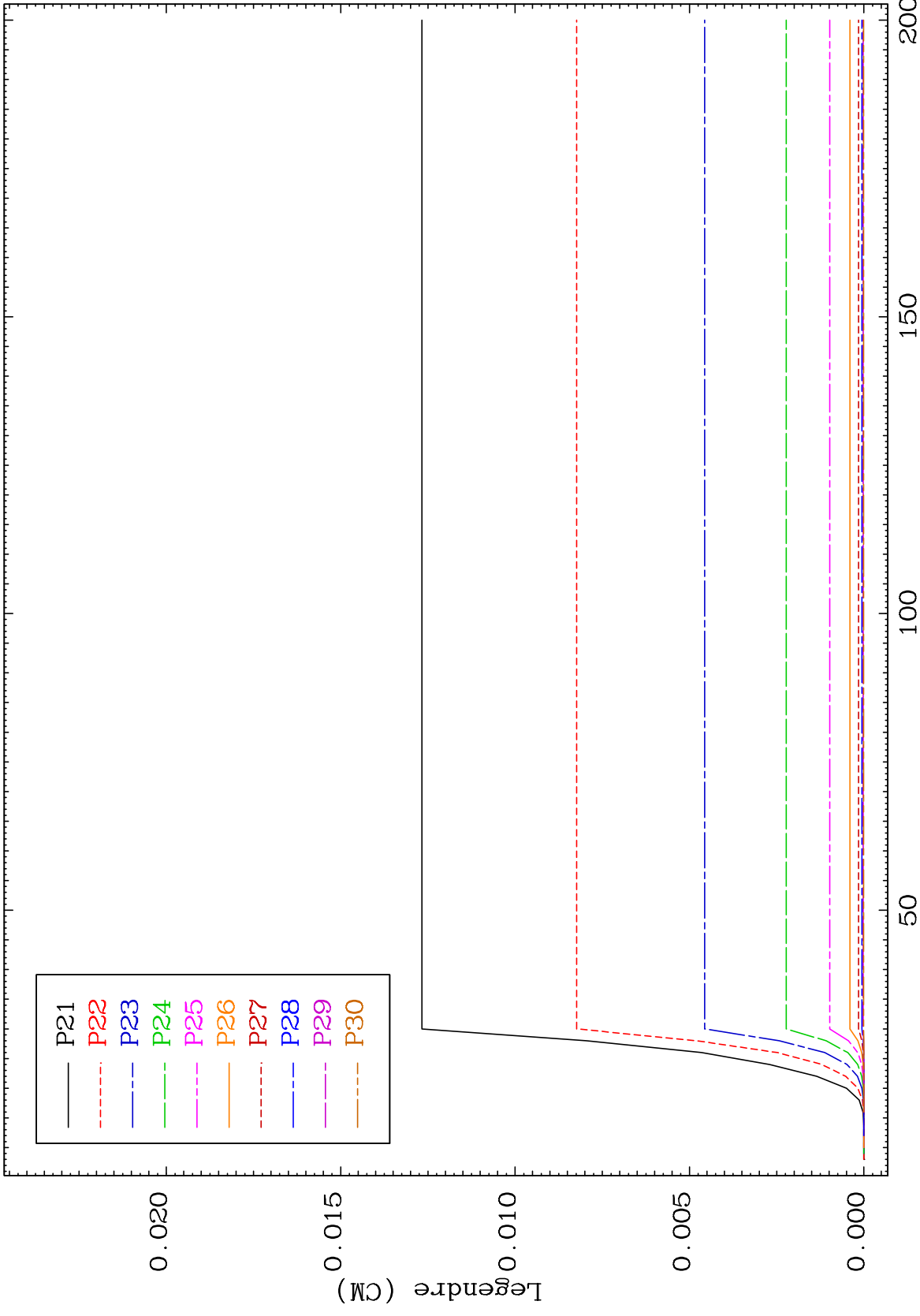
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

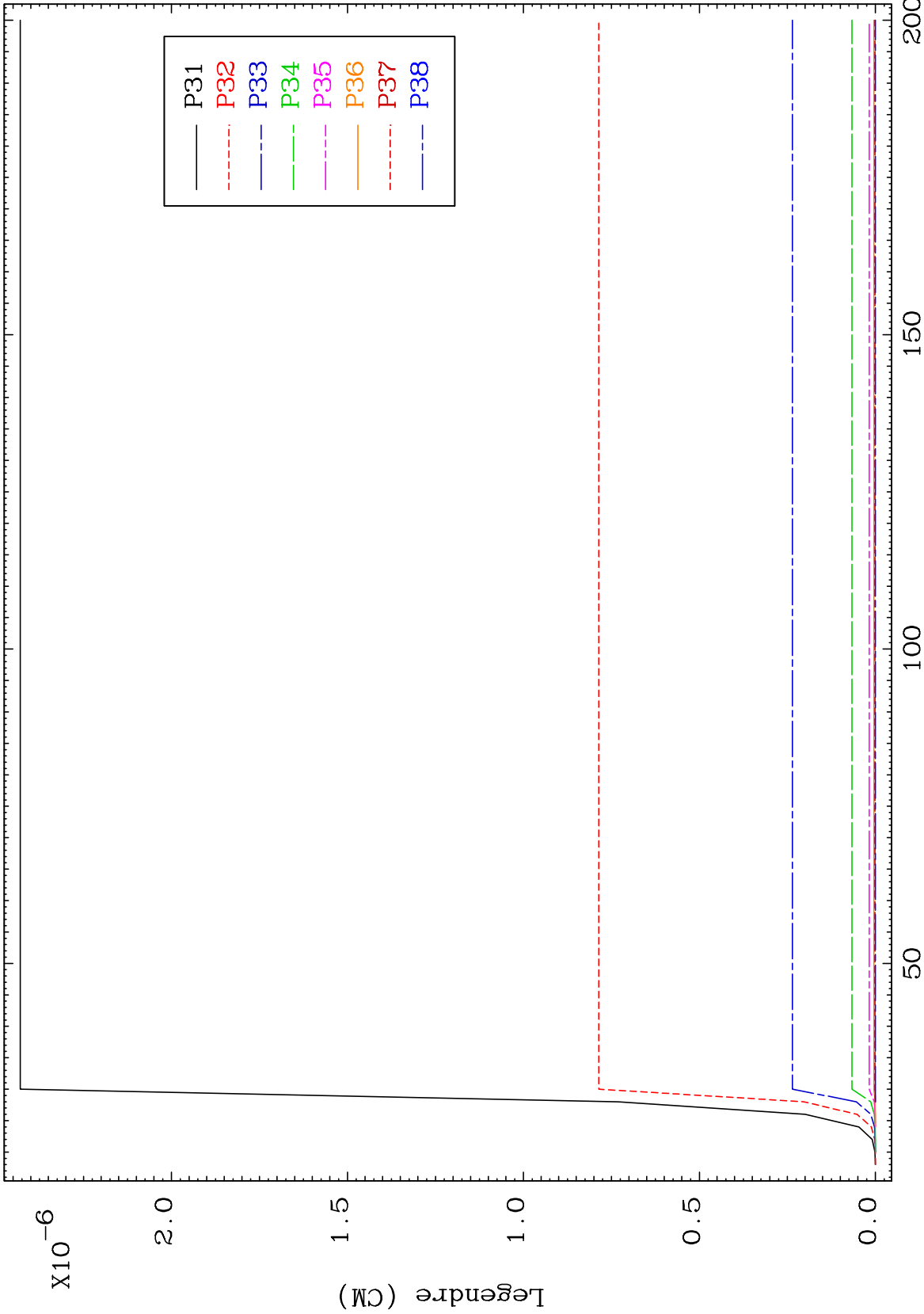
80-Hg-202



MAT 8043

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

80-Hg-202



67

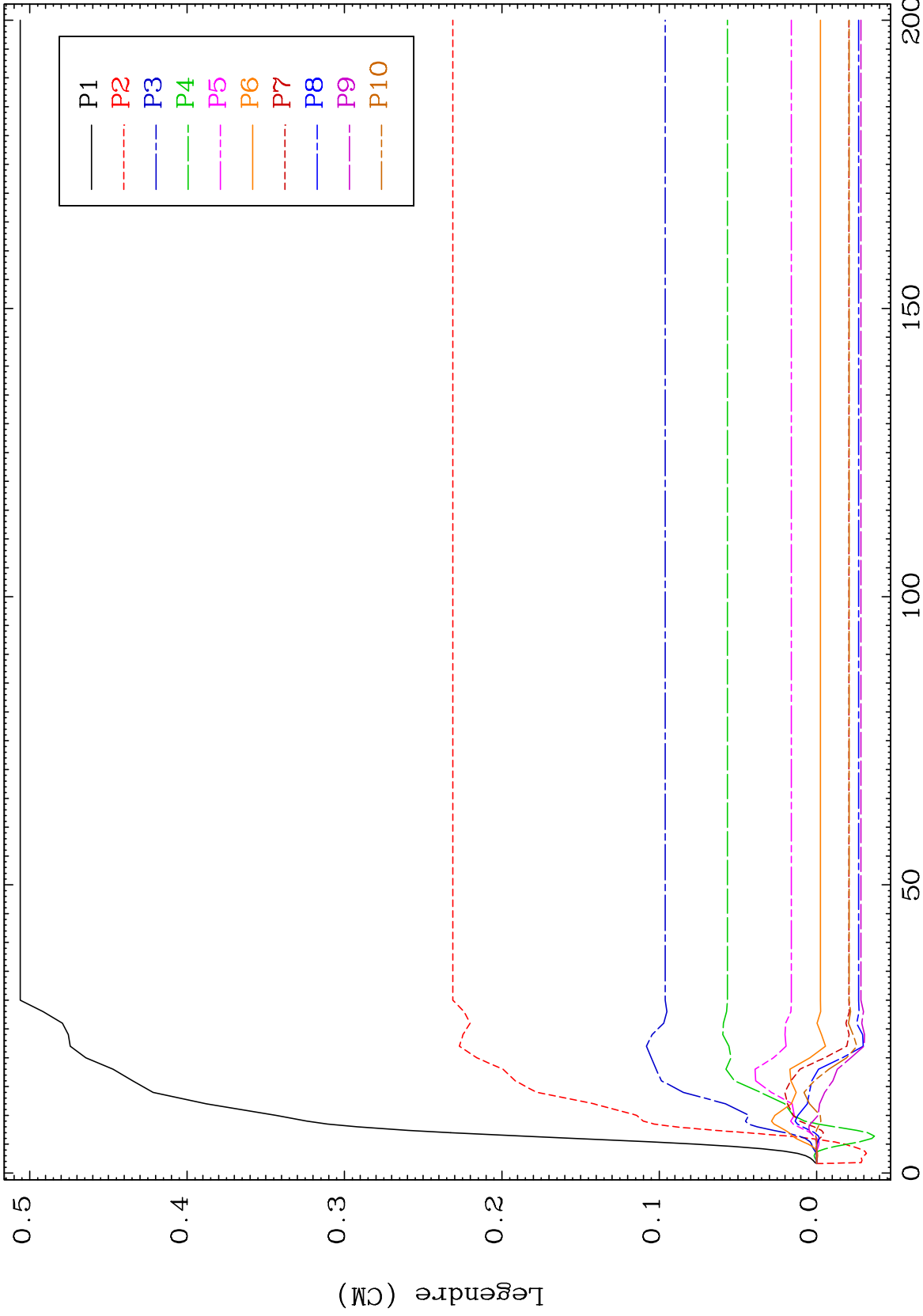
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



68

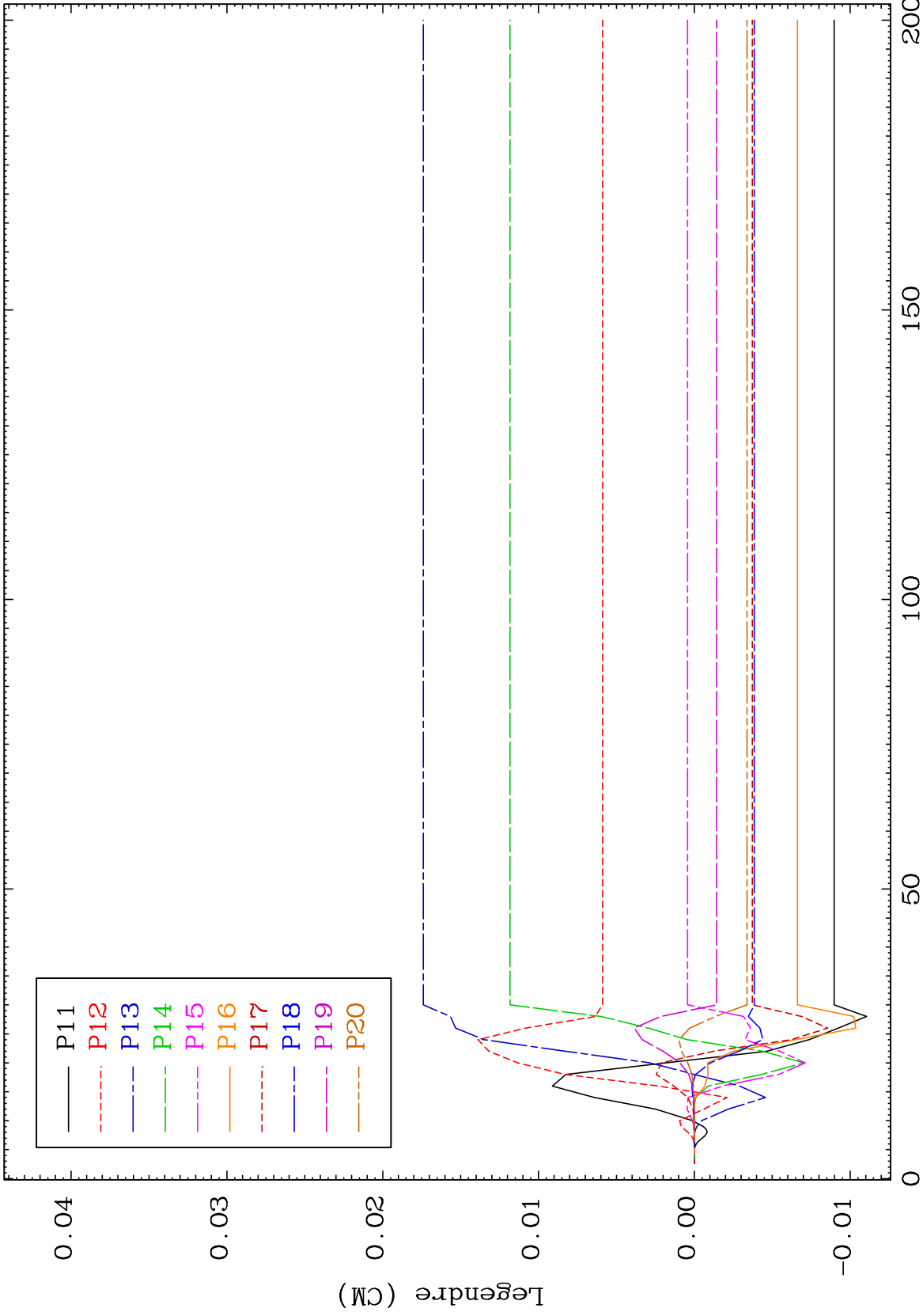
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



69

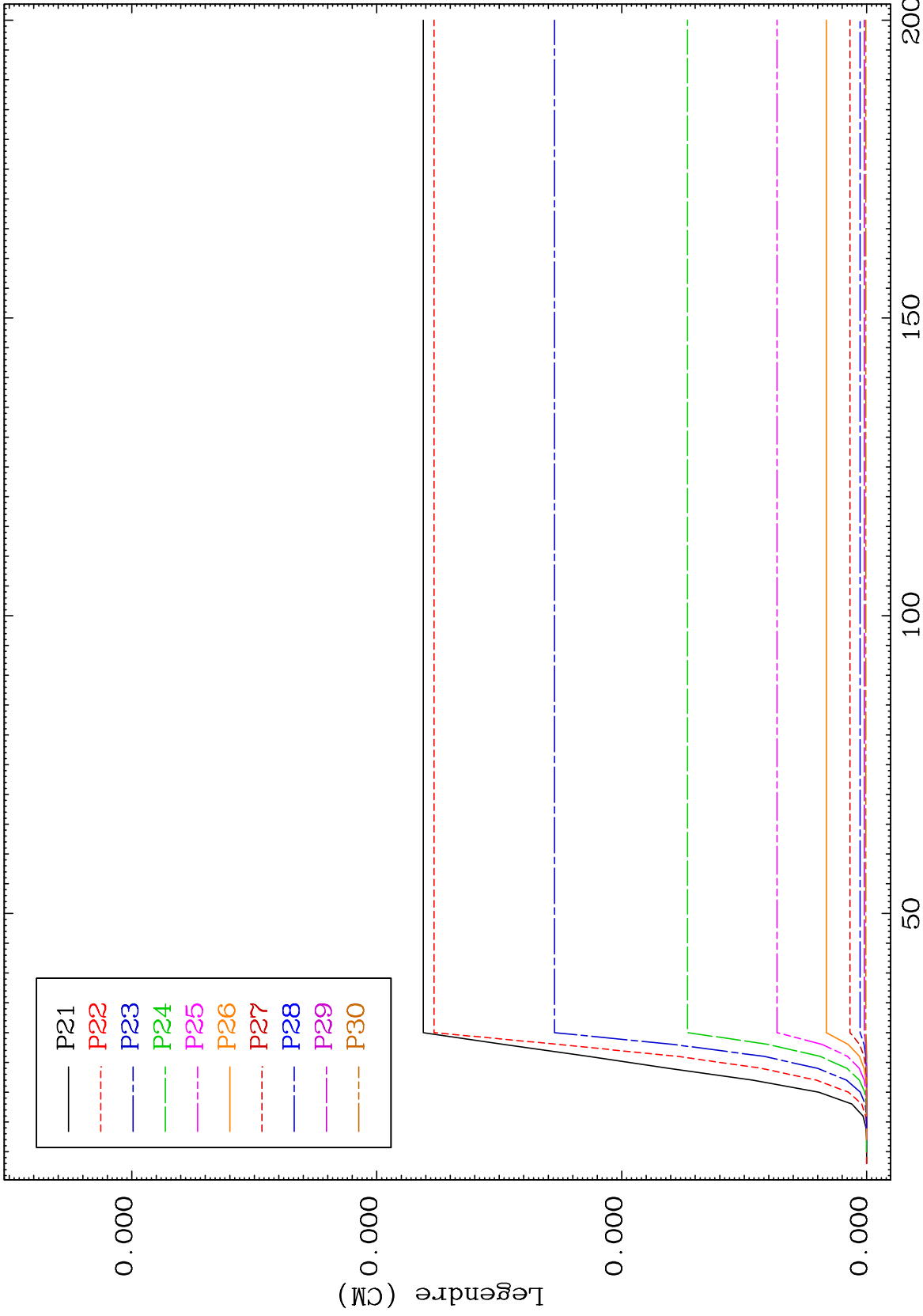
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



70

Incident Energy (MeV)

50

100

150

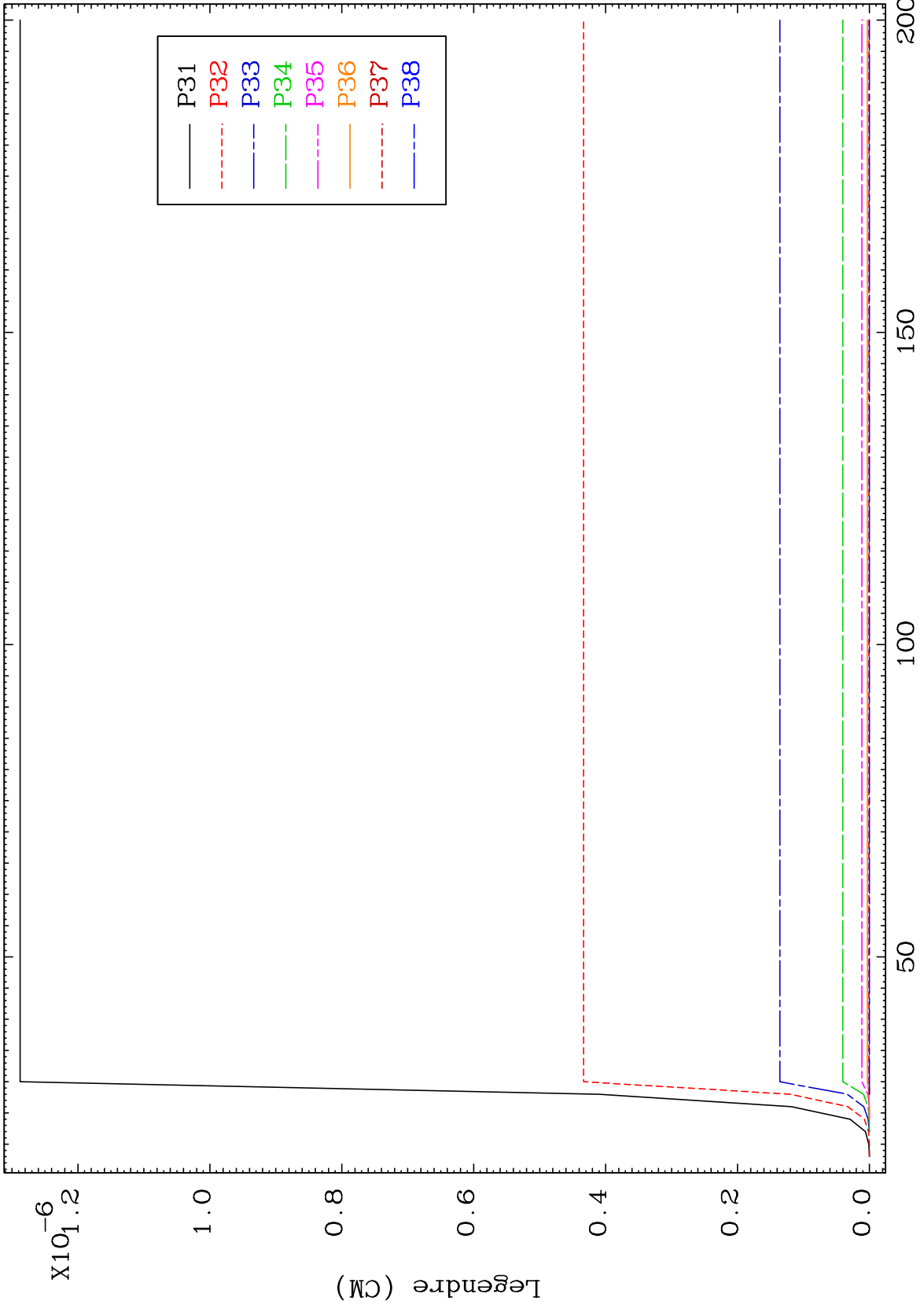
200

80-Hg-202

MAT 8043

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

80-Hg-202

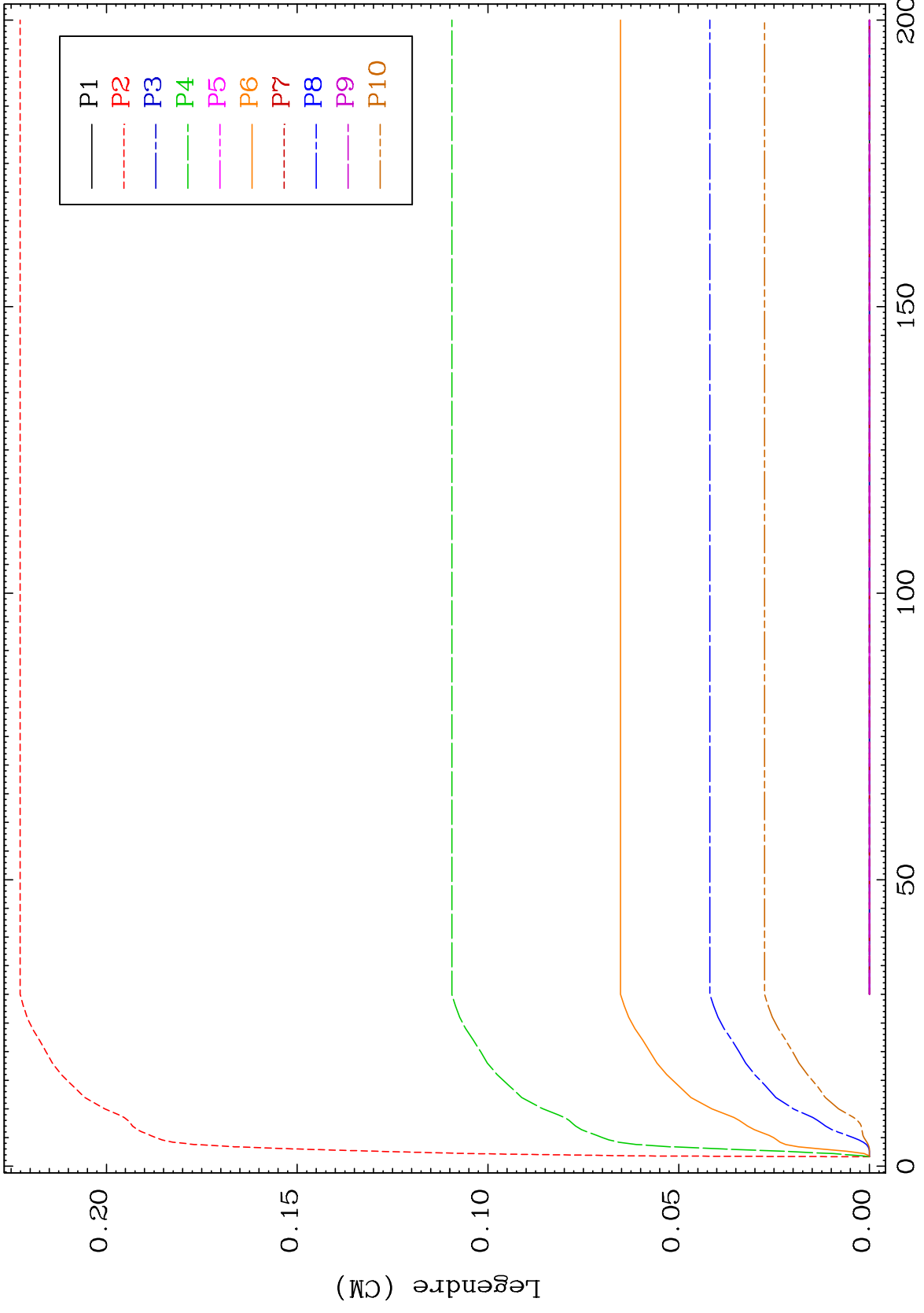


71

Incident Energy (MeV)

80-Hg-202

MAT 8043 MT= 65 (n,n') Level Legendre Coefficients 80-Hg-202

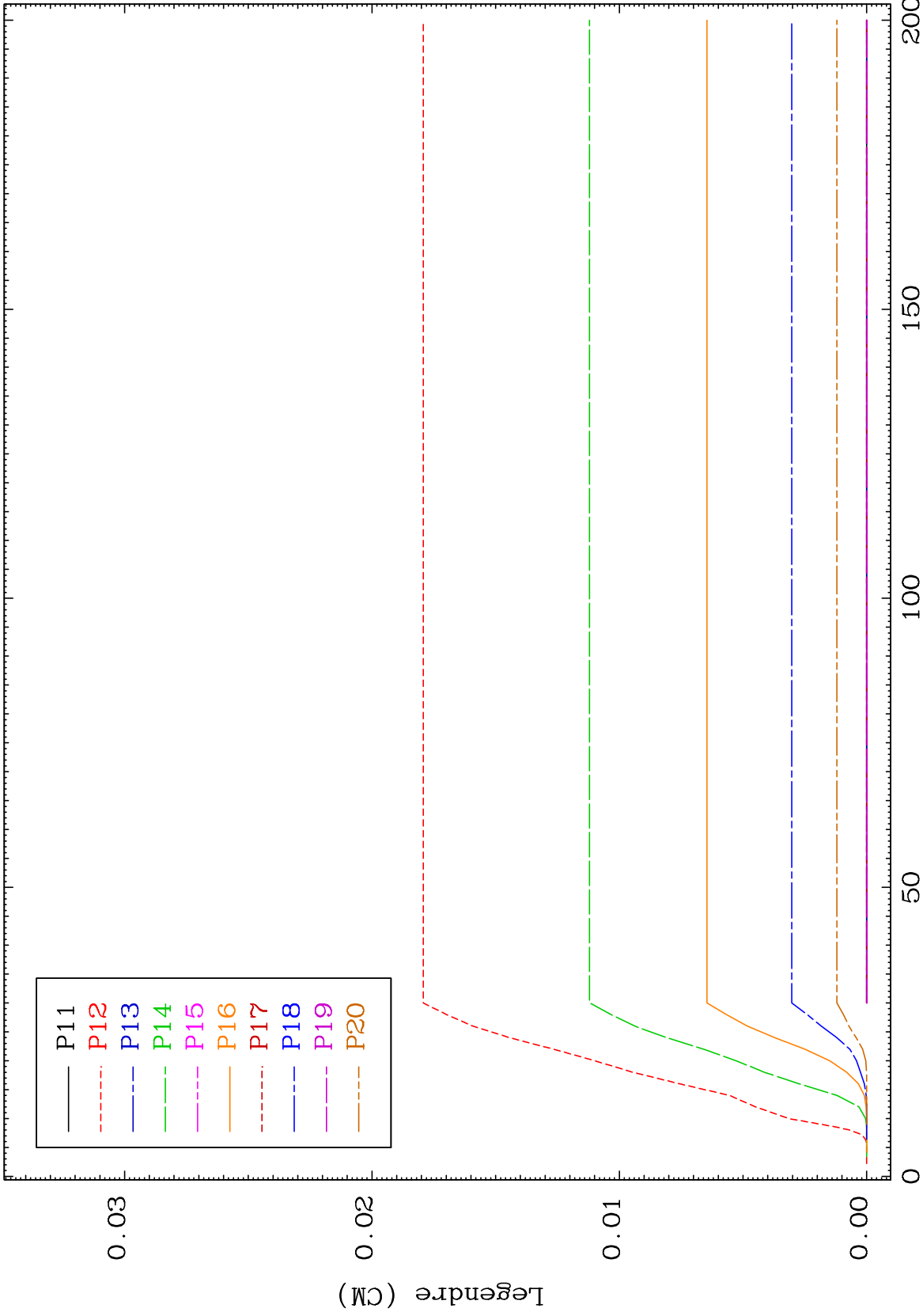


72 Incident Energy (MeV) 80-Hg-202

MAT 8043

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

80-Hg-202

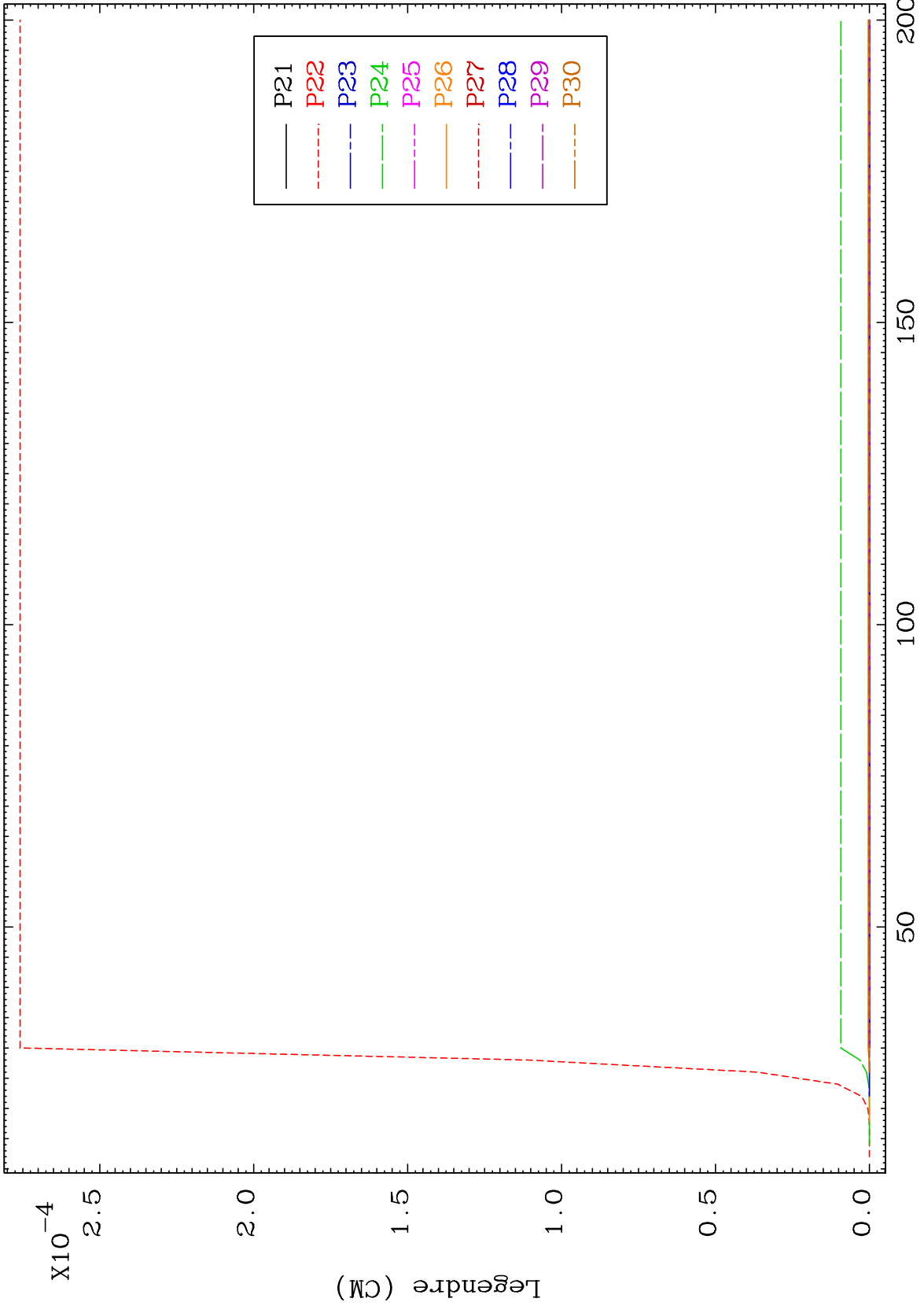


73

Incident Energy (MeV)

80-Hg-202

MAT 8043 MT= 65 (n,n') Level Legendre Coefficients 80-Hg-202

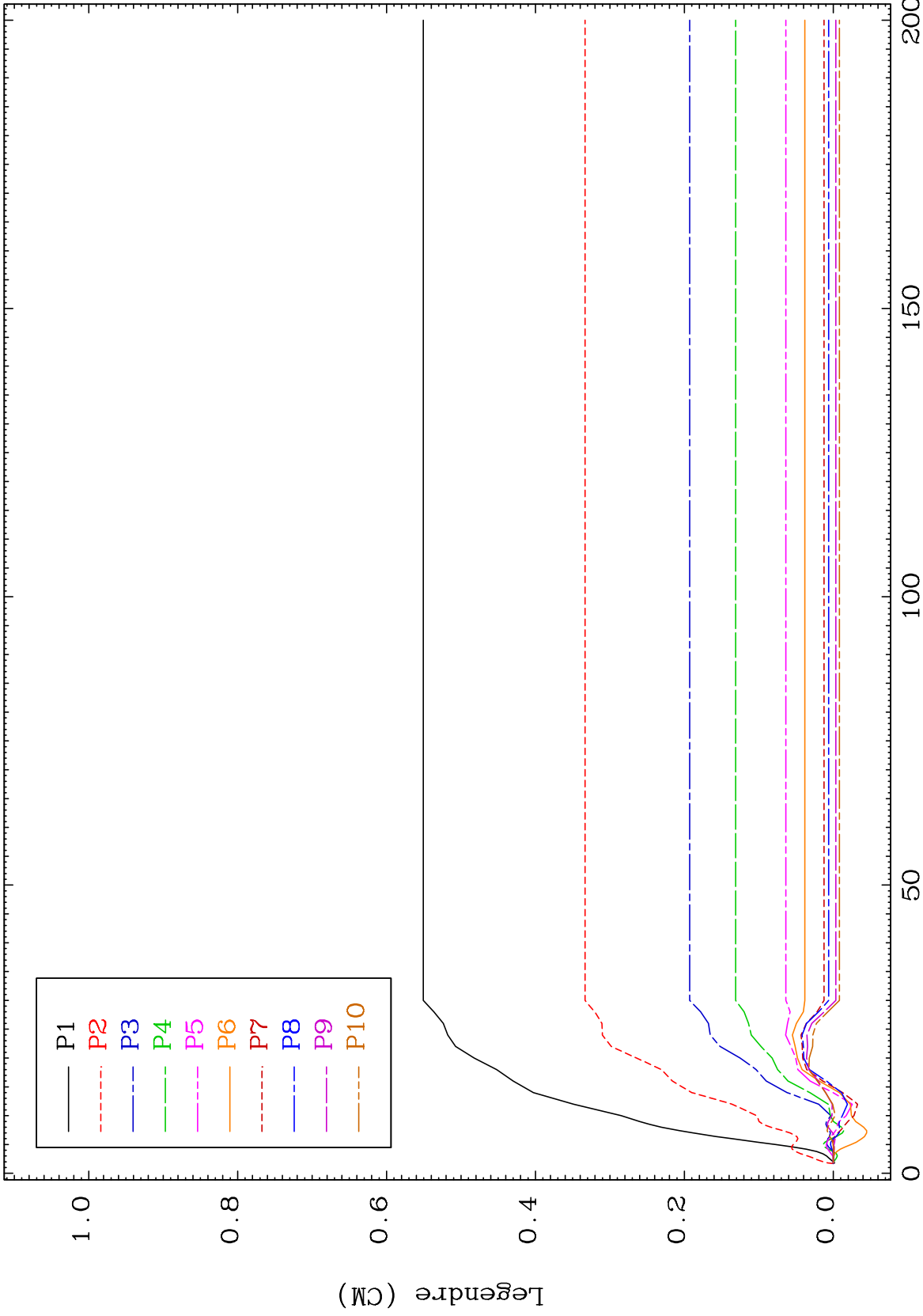


74 80-Hg-202

MAT 8043

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

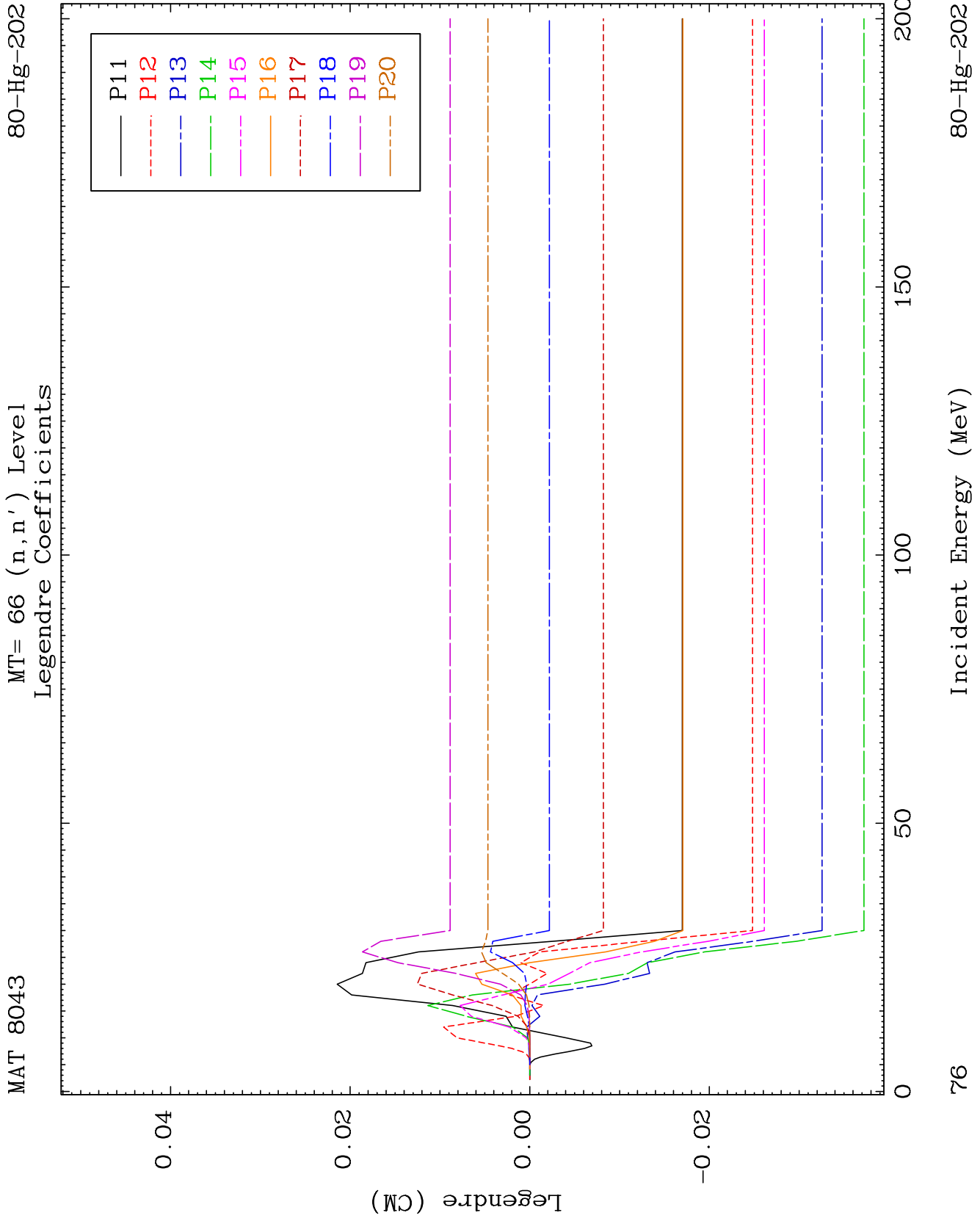
80-Hg-202



75

Incident Energy (MeV)

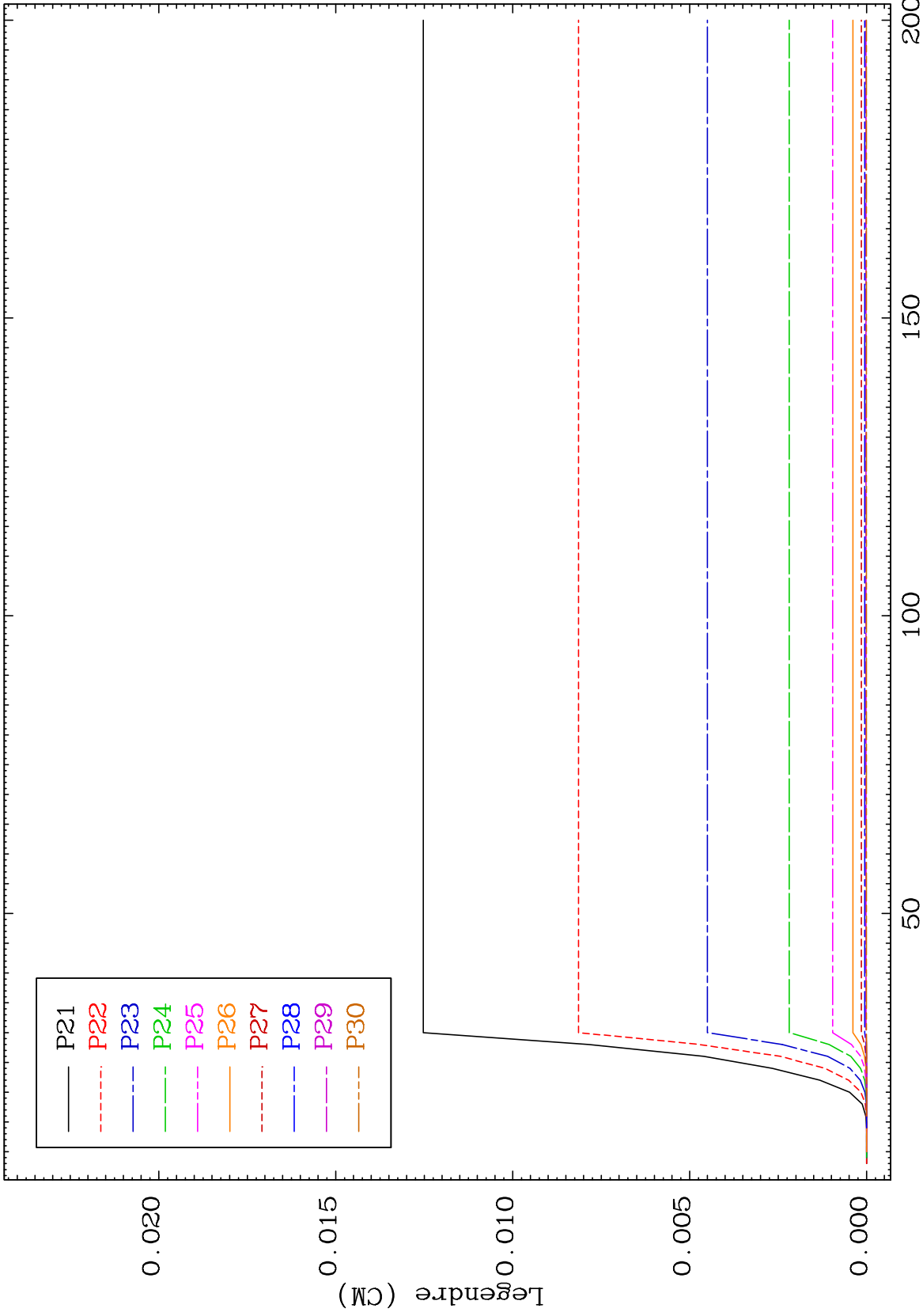
80-Hg-202



MAT 8043

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

80-Hg-202



77

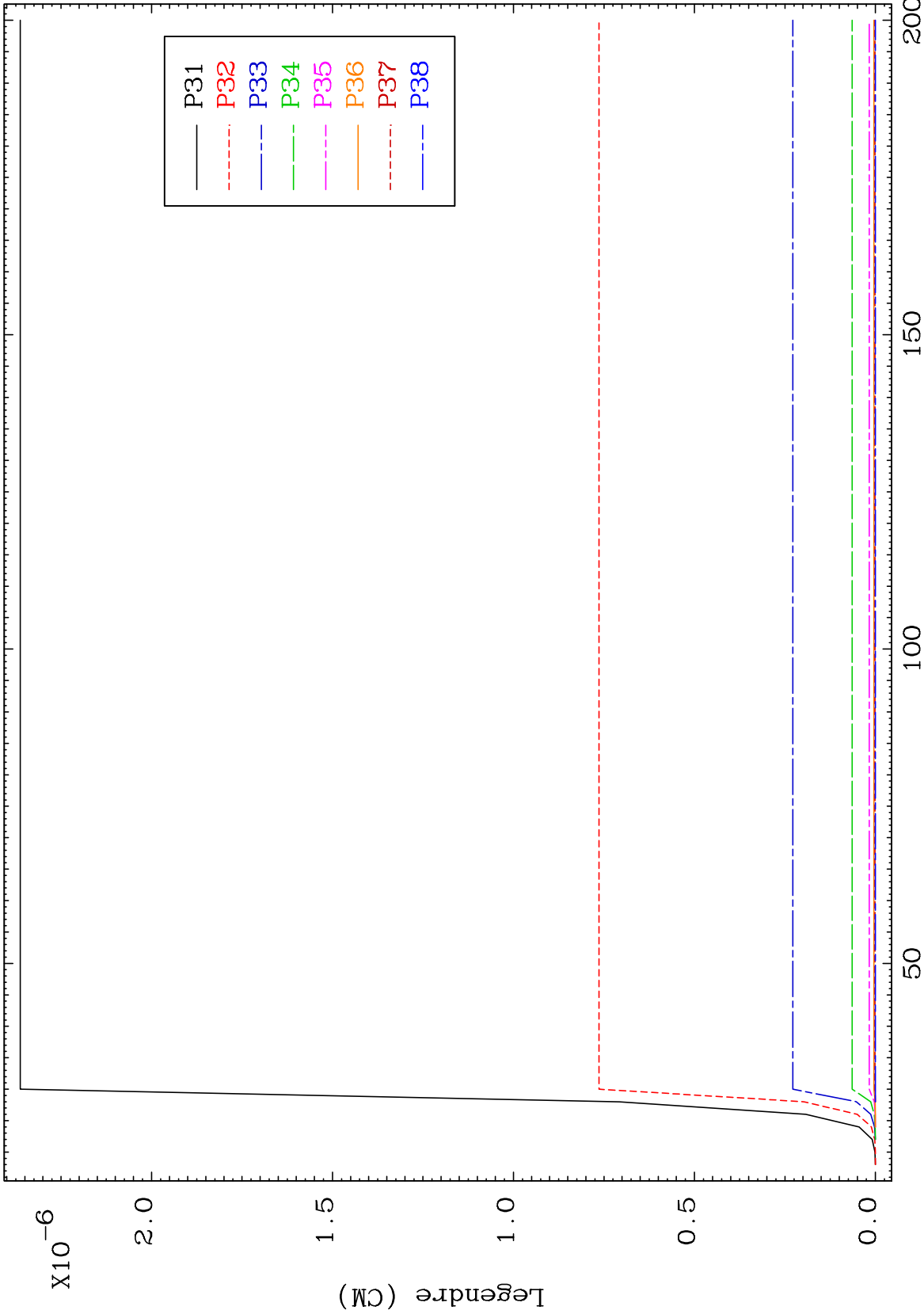
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



78

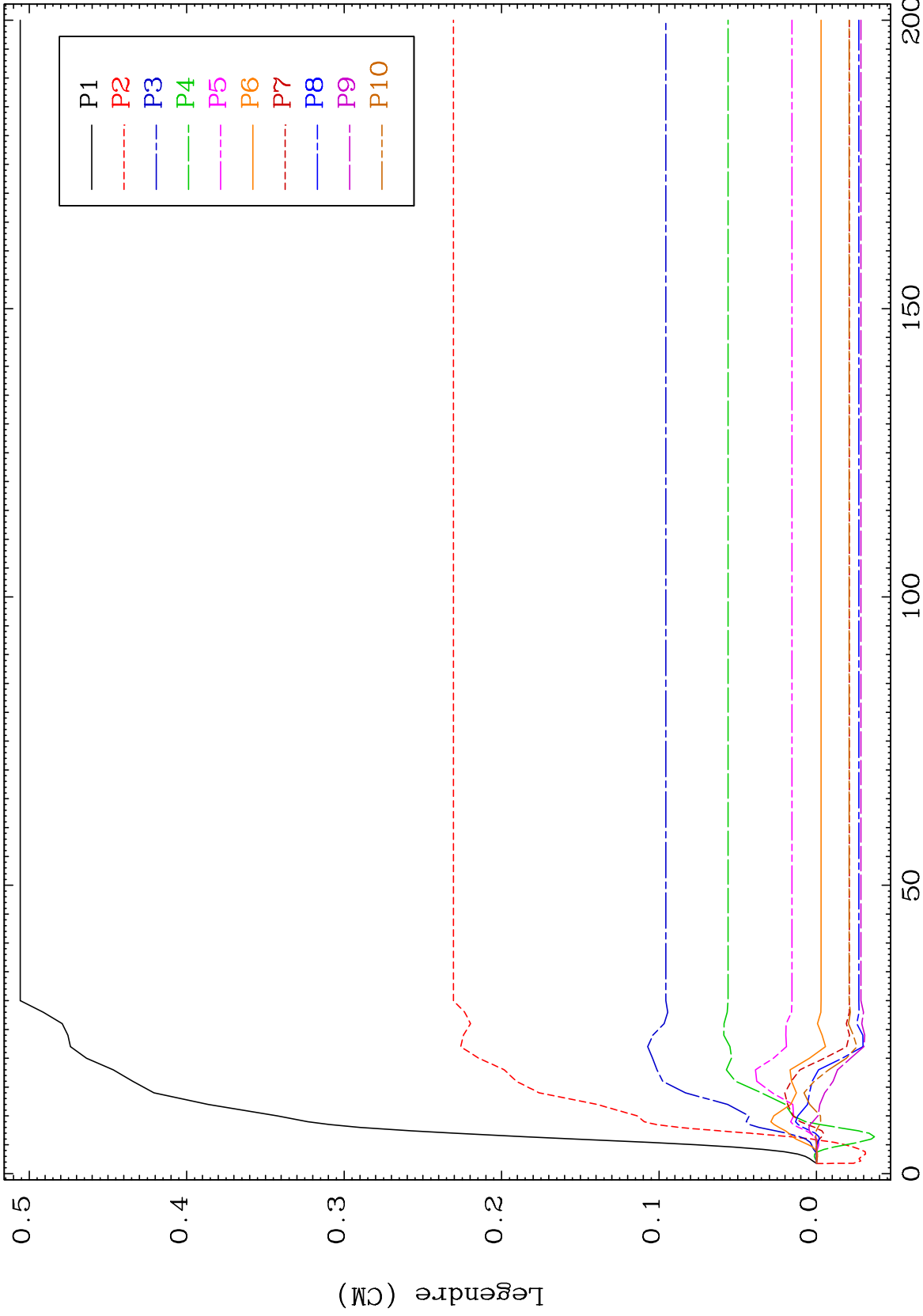
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



79

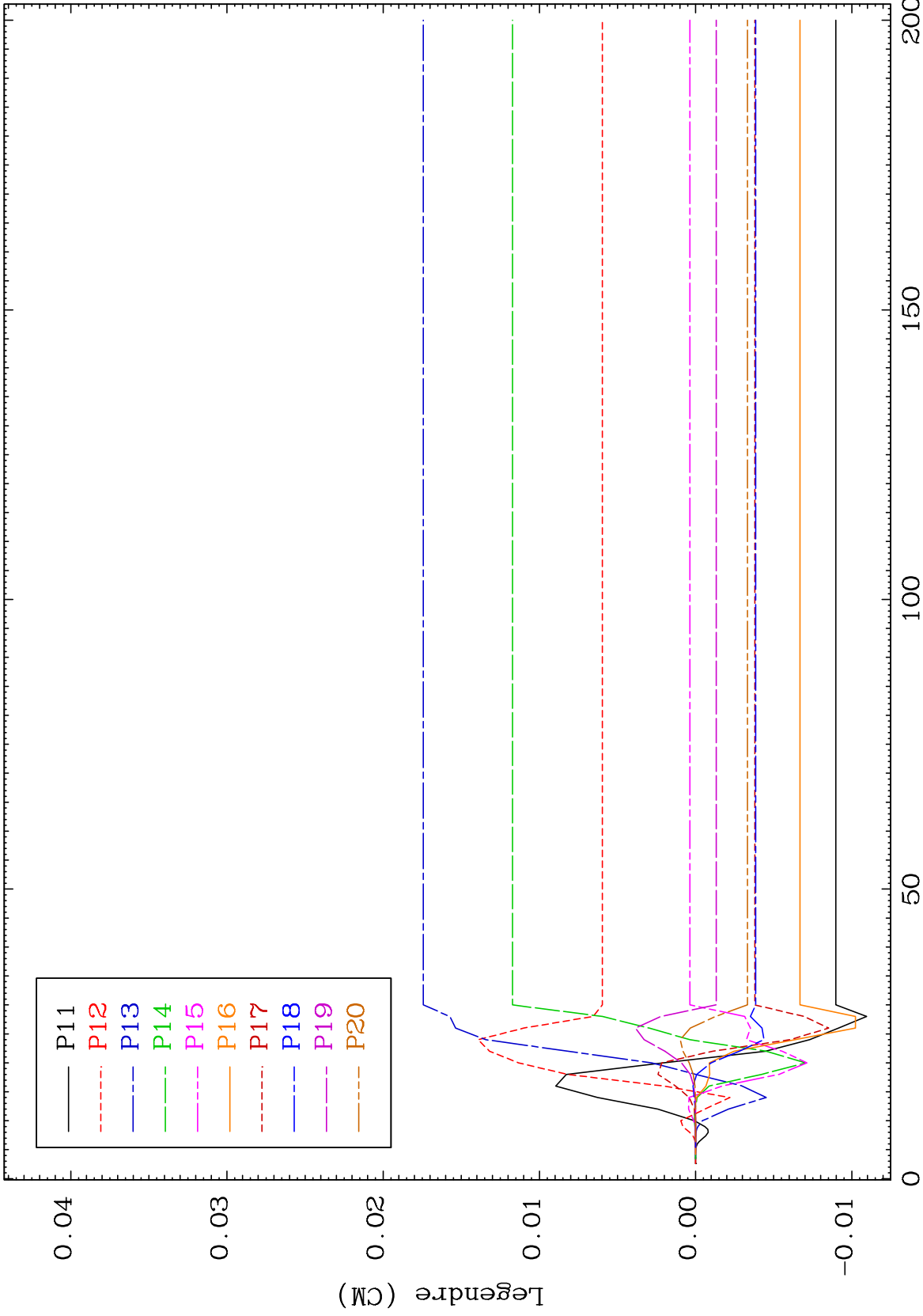
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



80

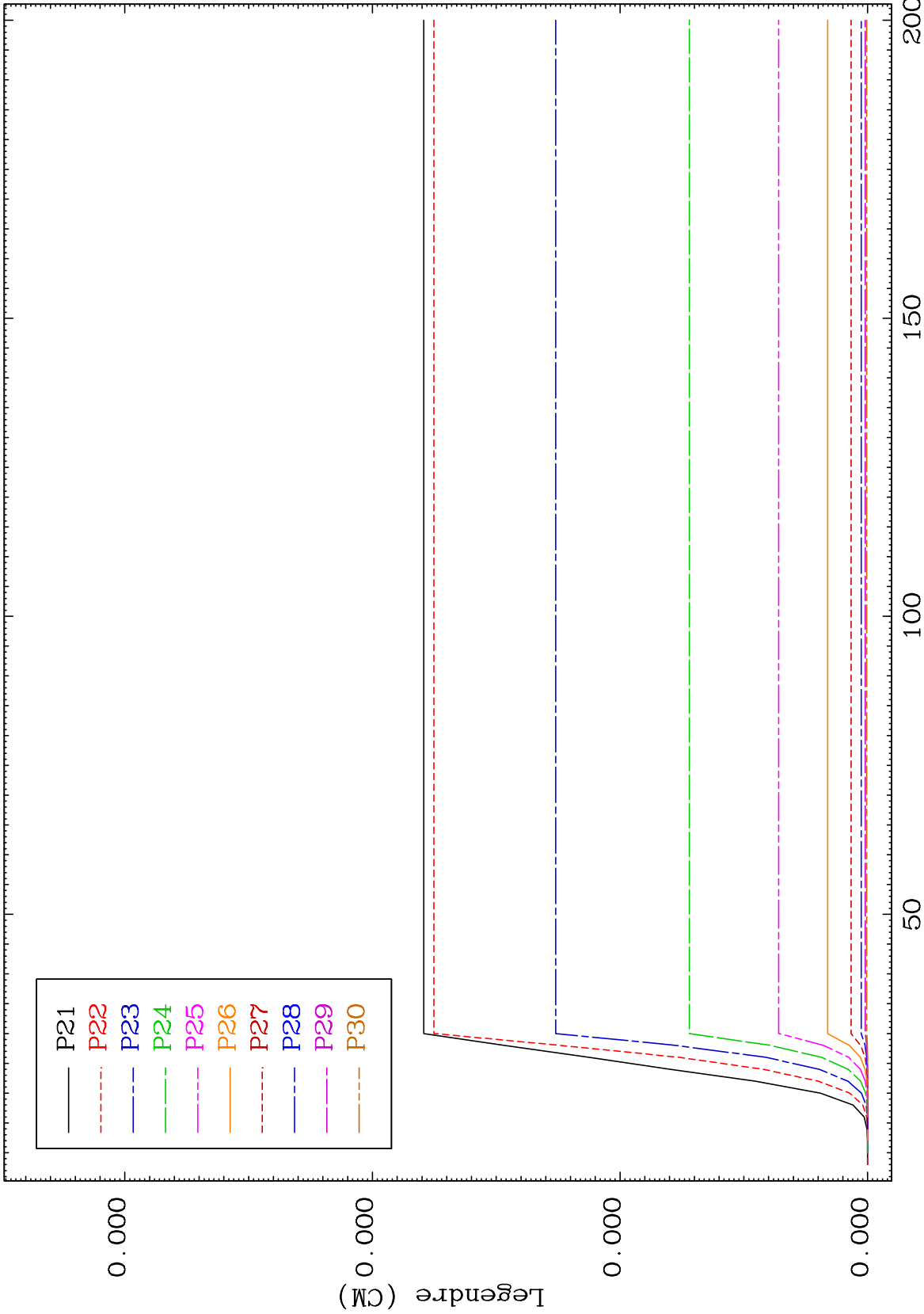
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



81

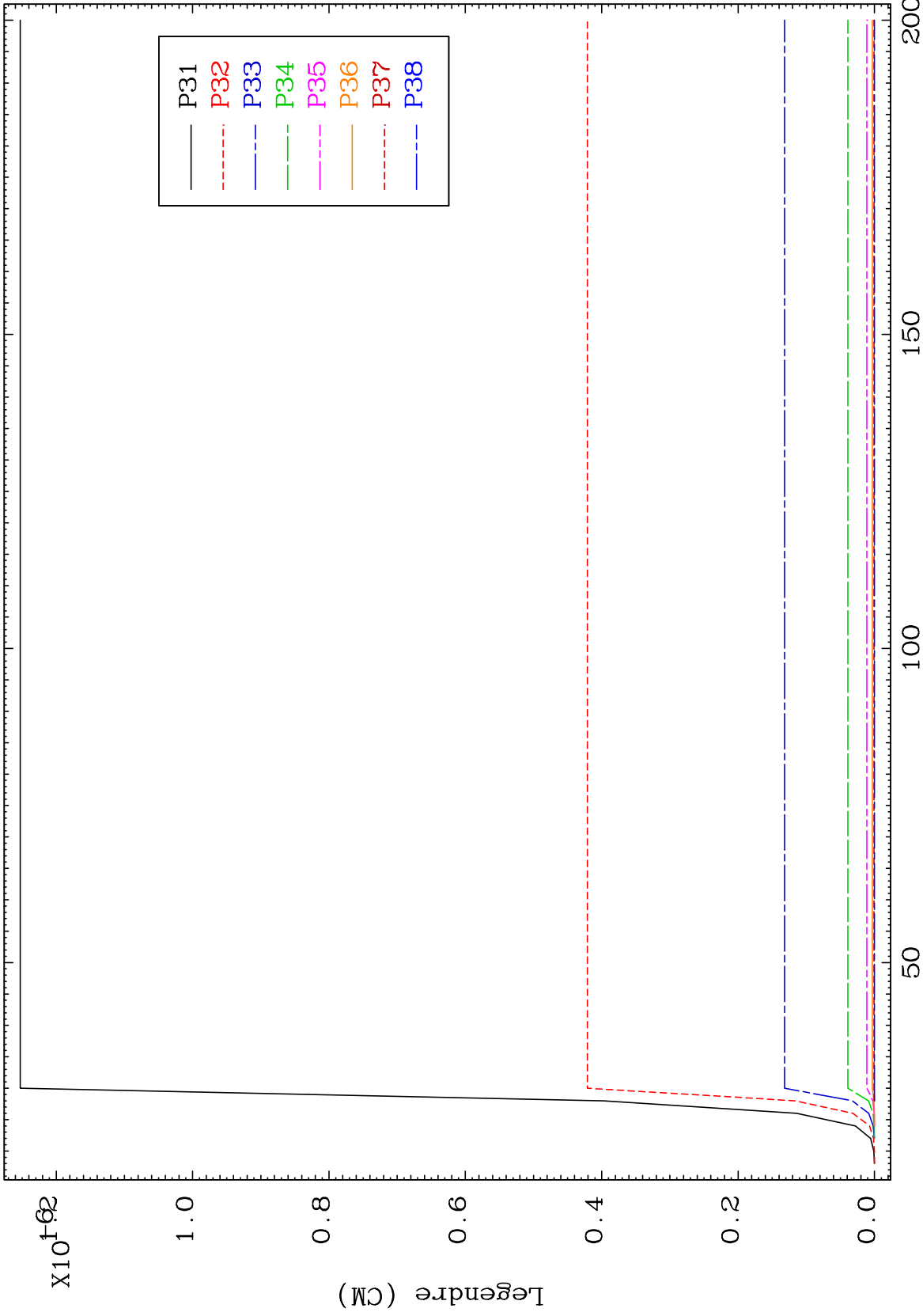
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



82

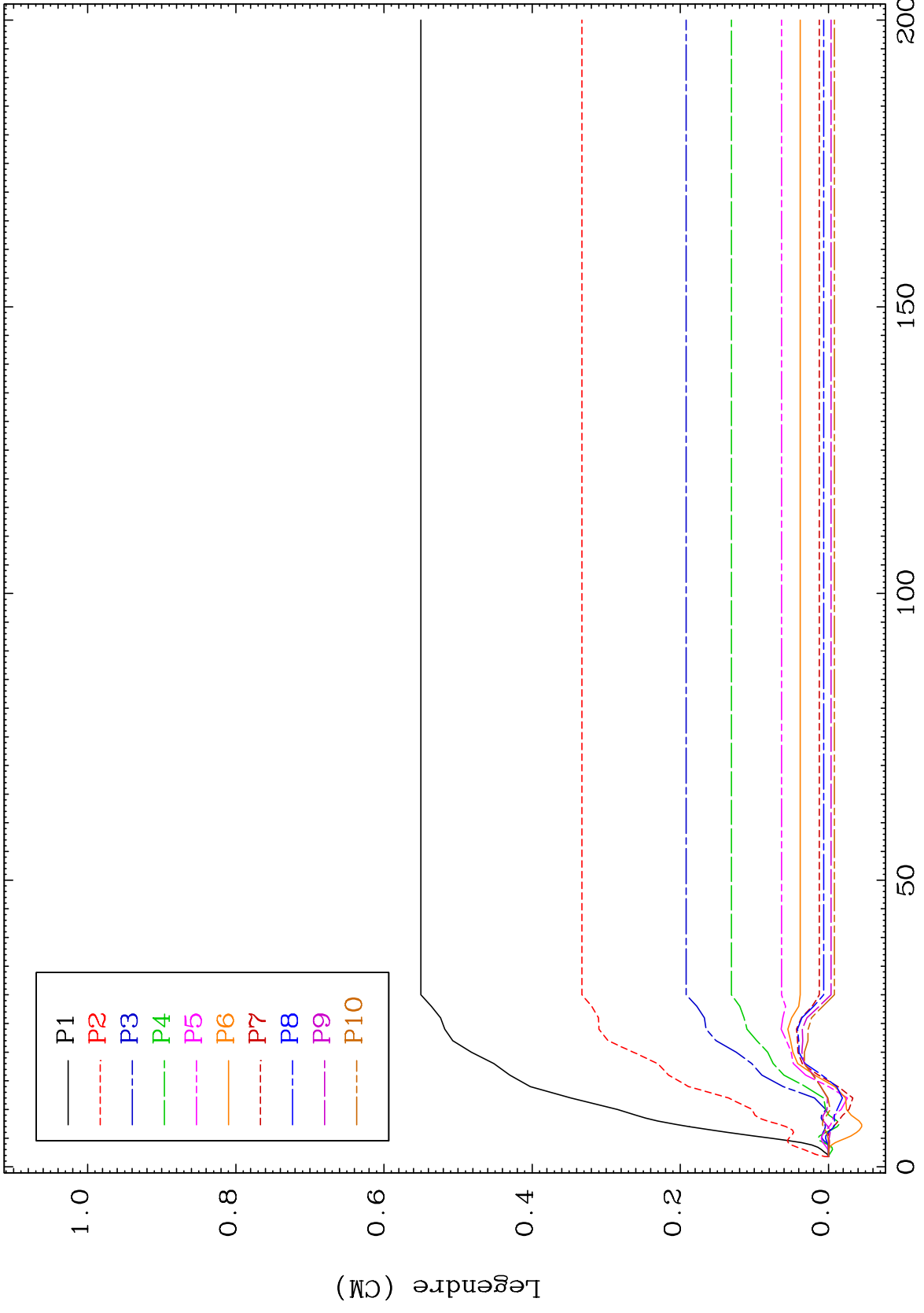
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



83

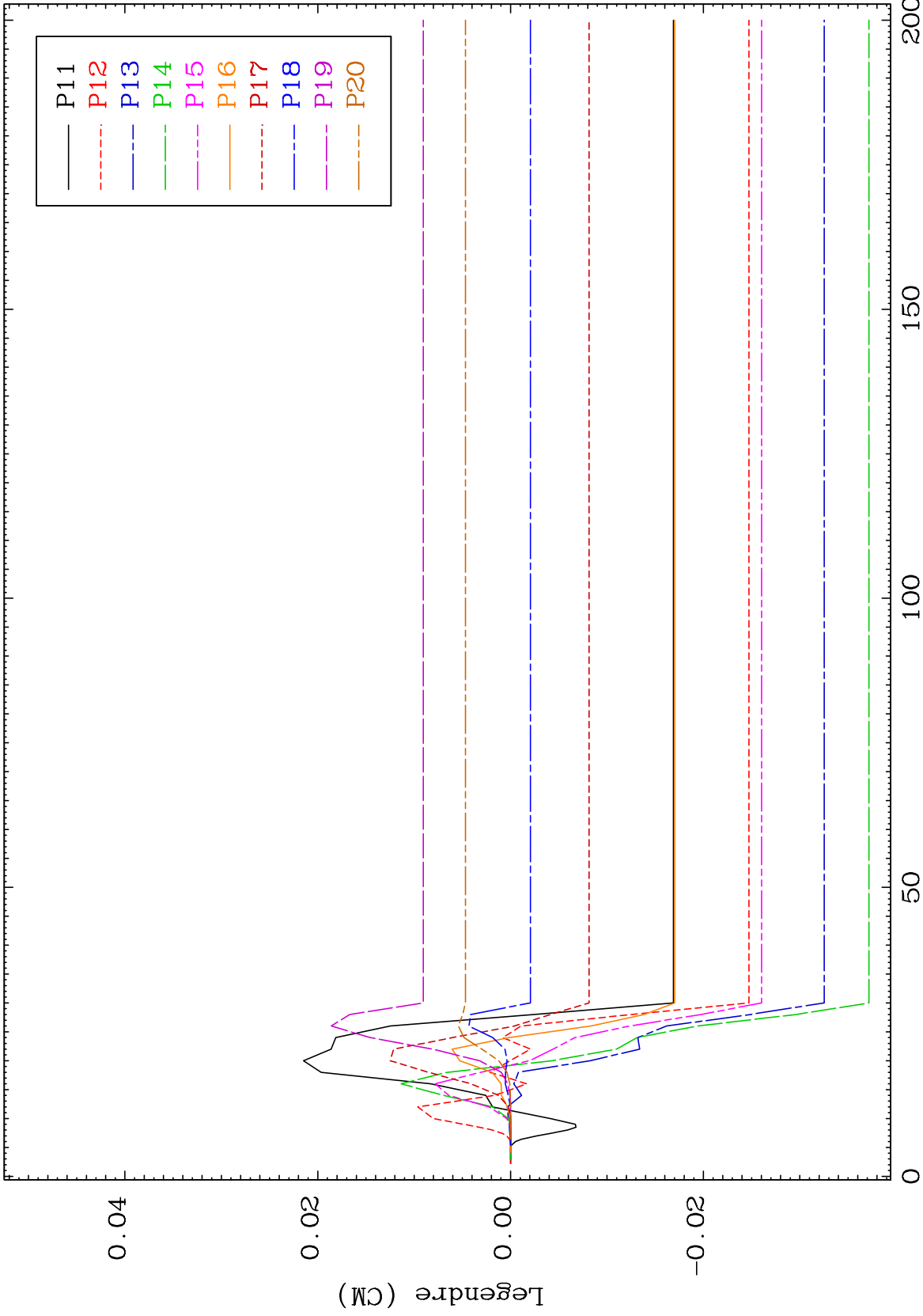
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



84

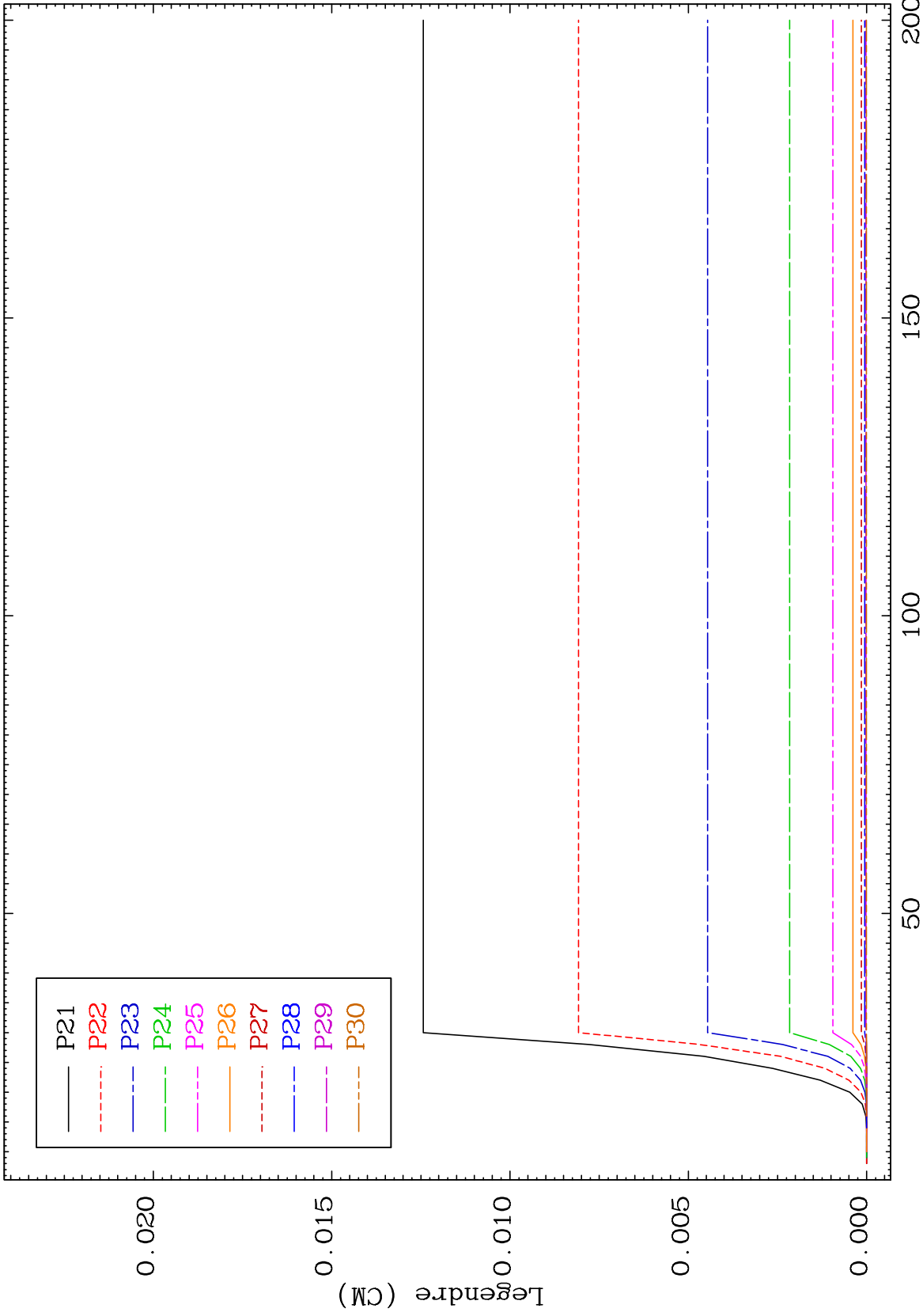
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



85

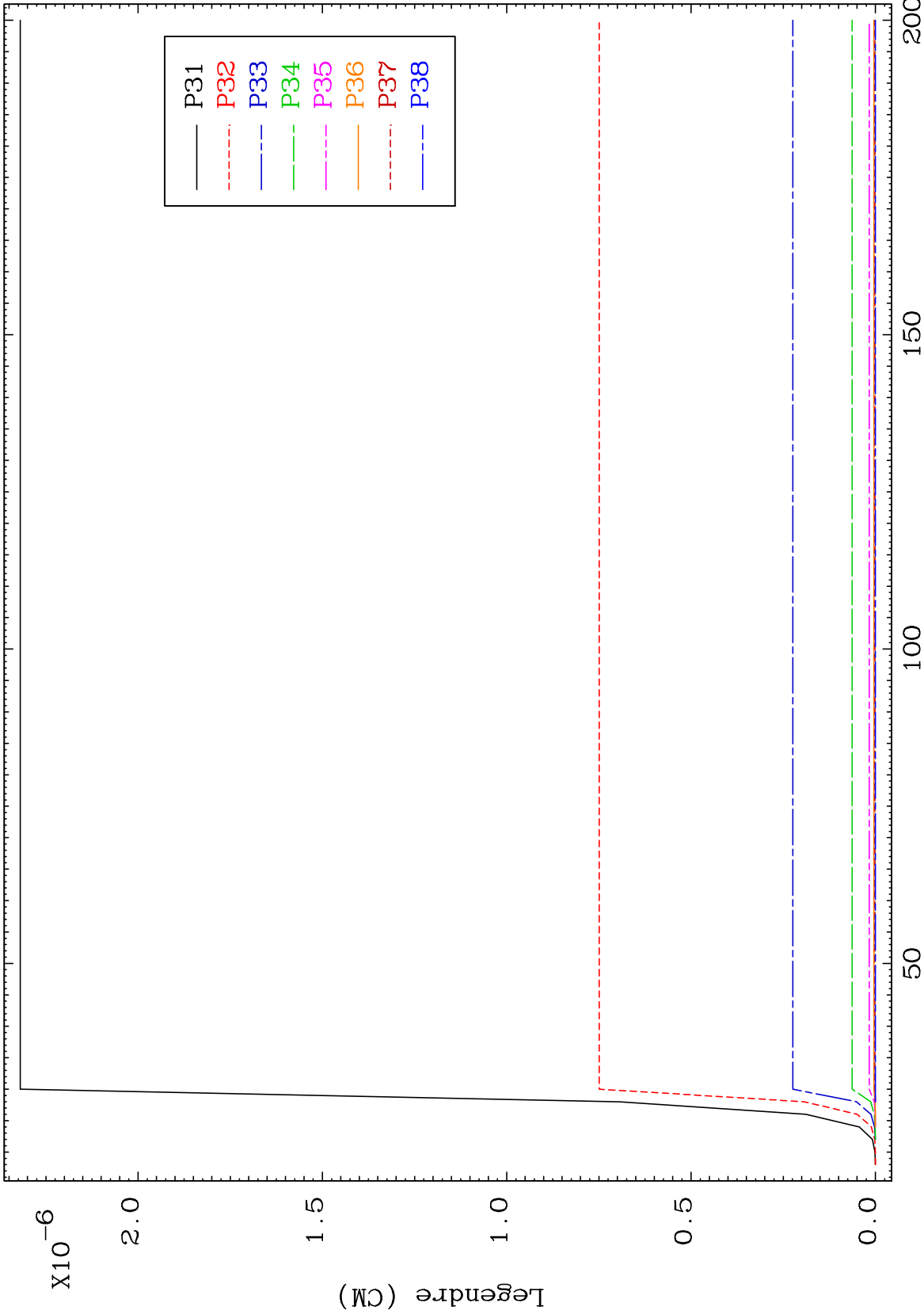
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



86

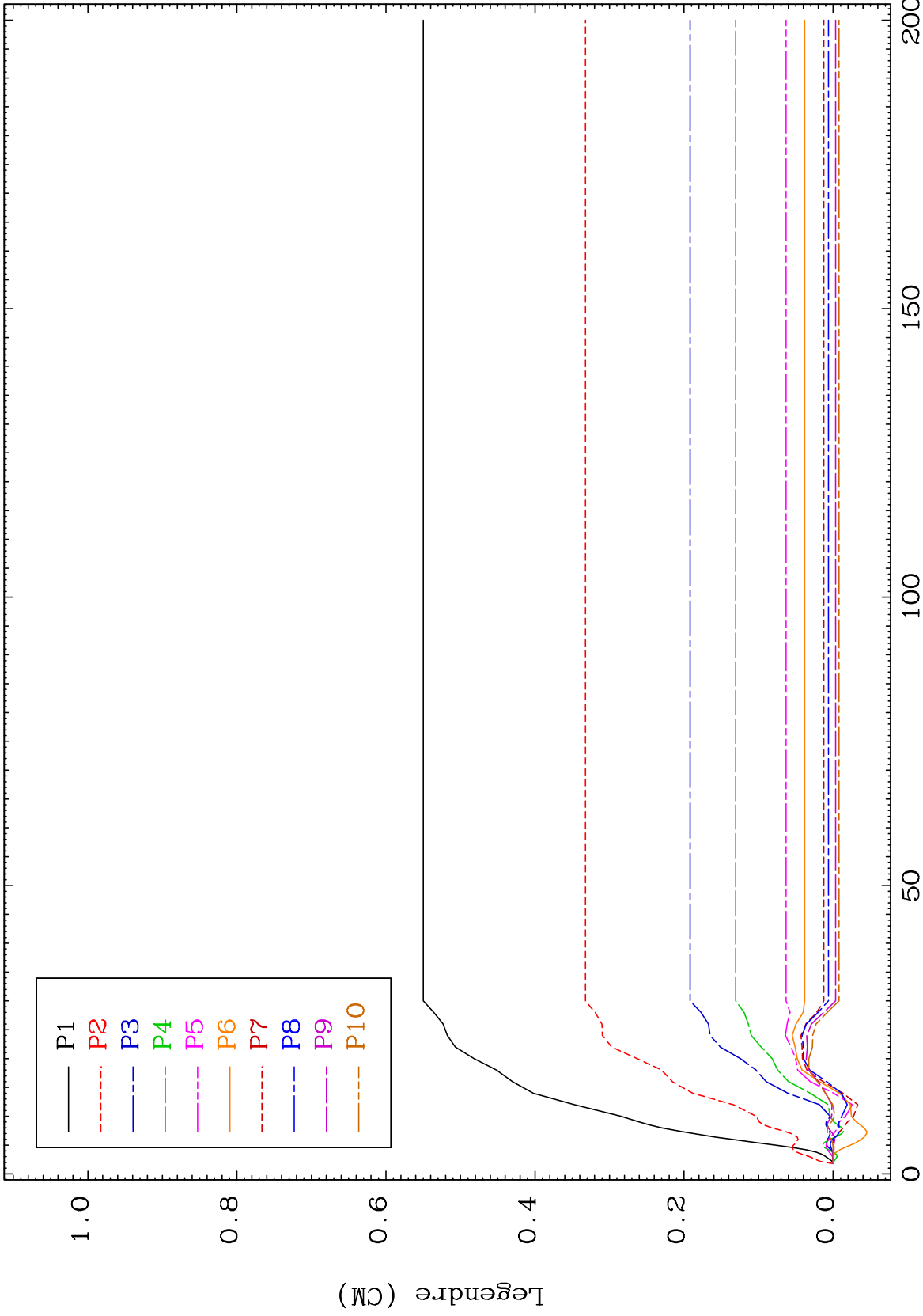
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



87

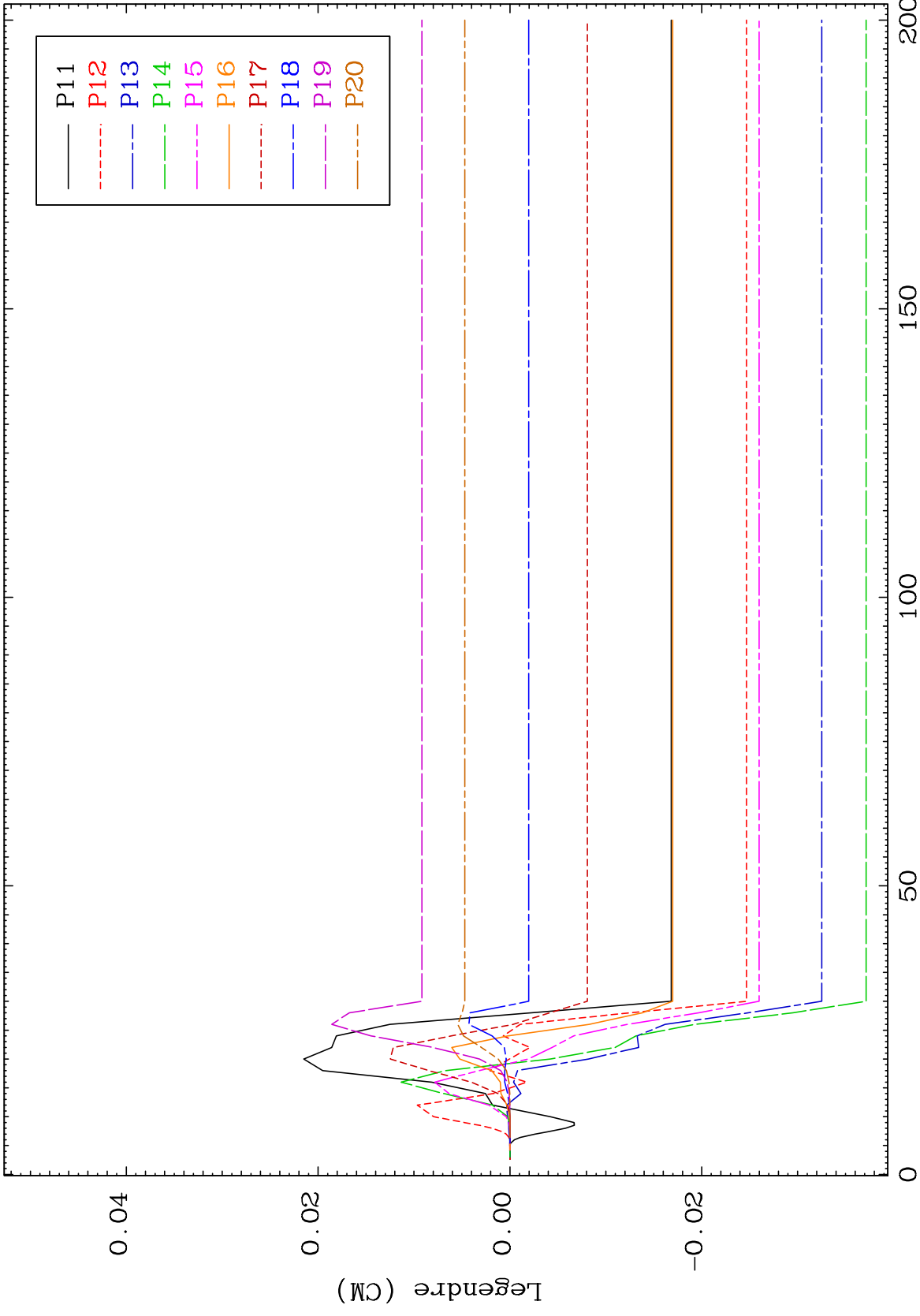
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



88

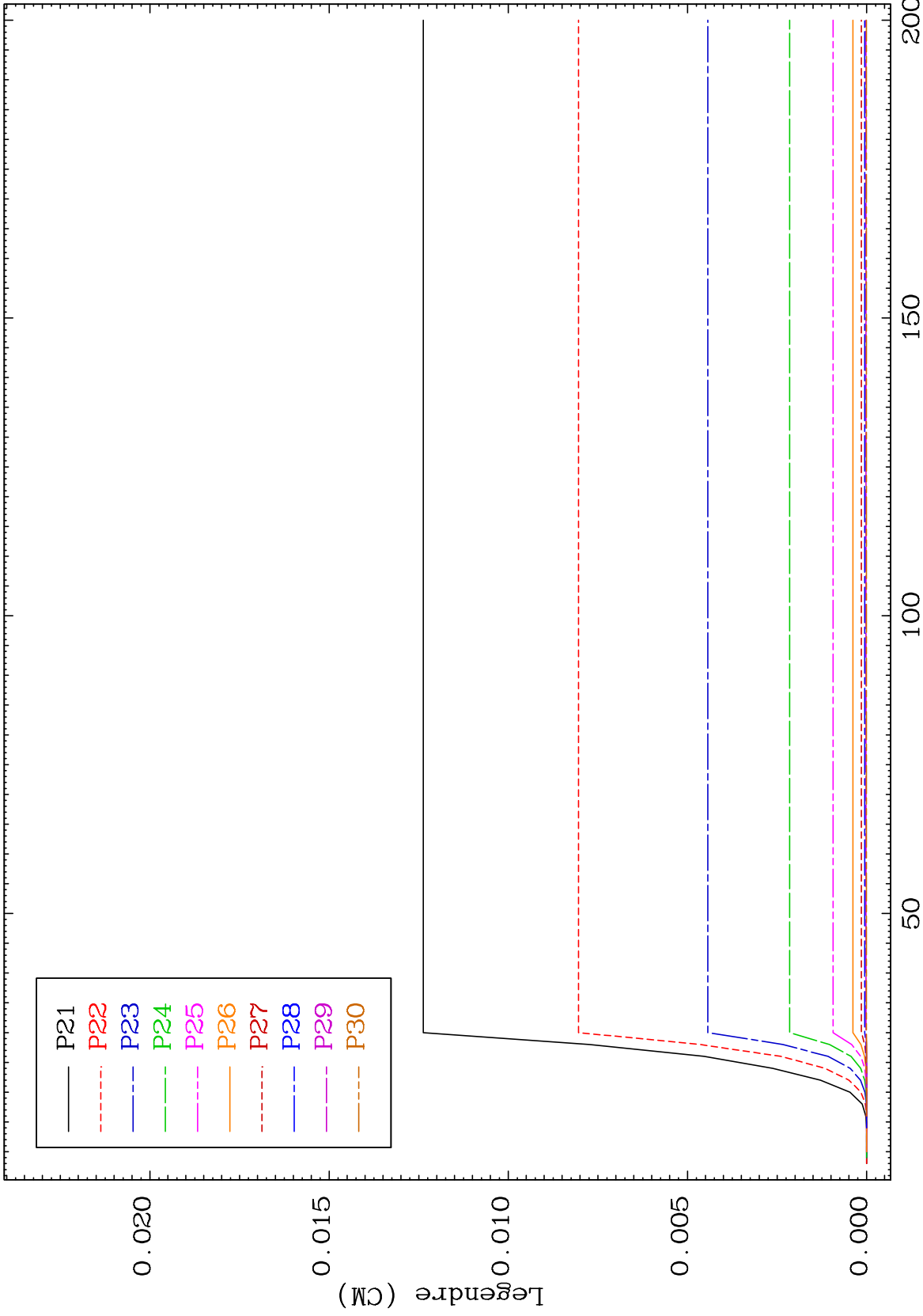
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



89

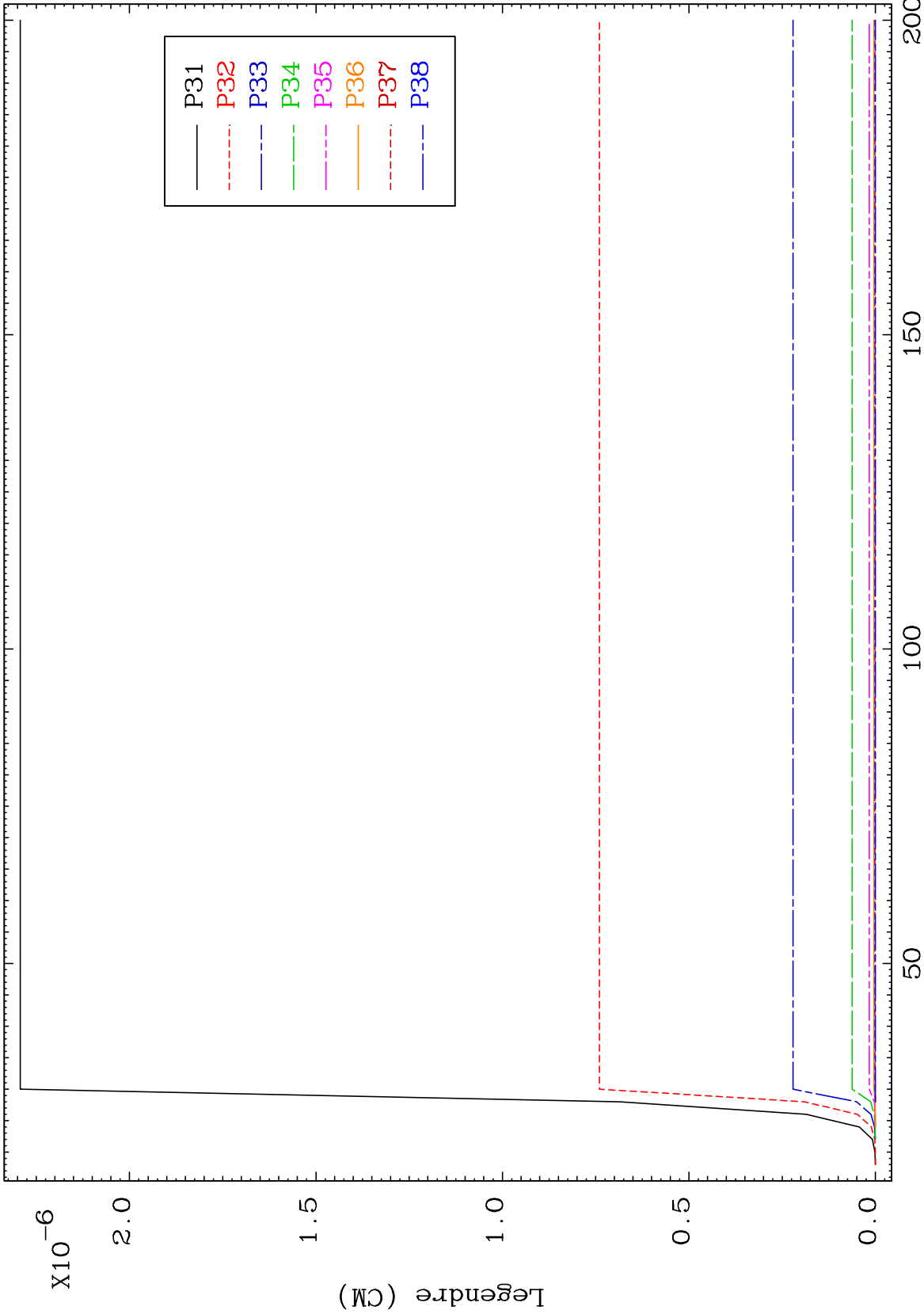
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



90

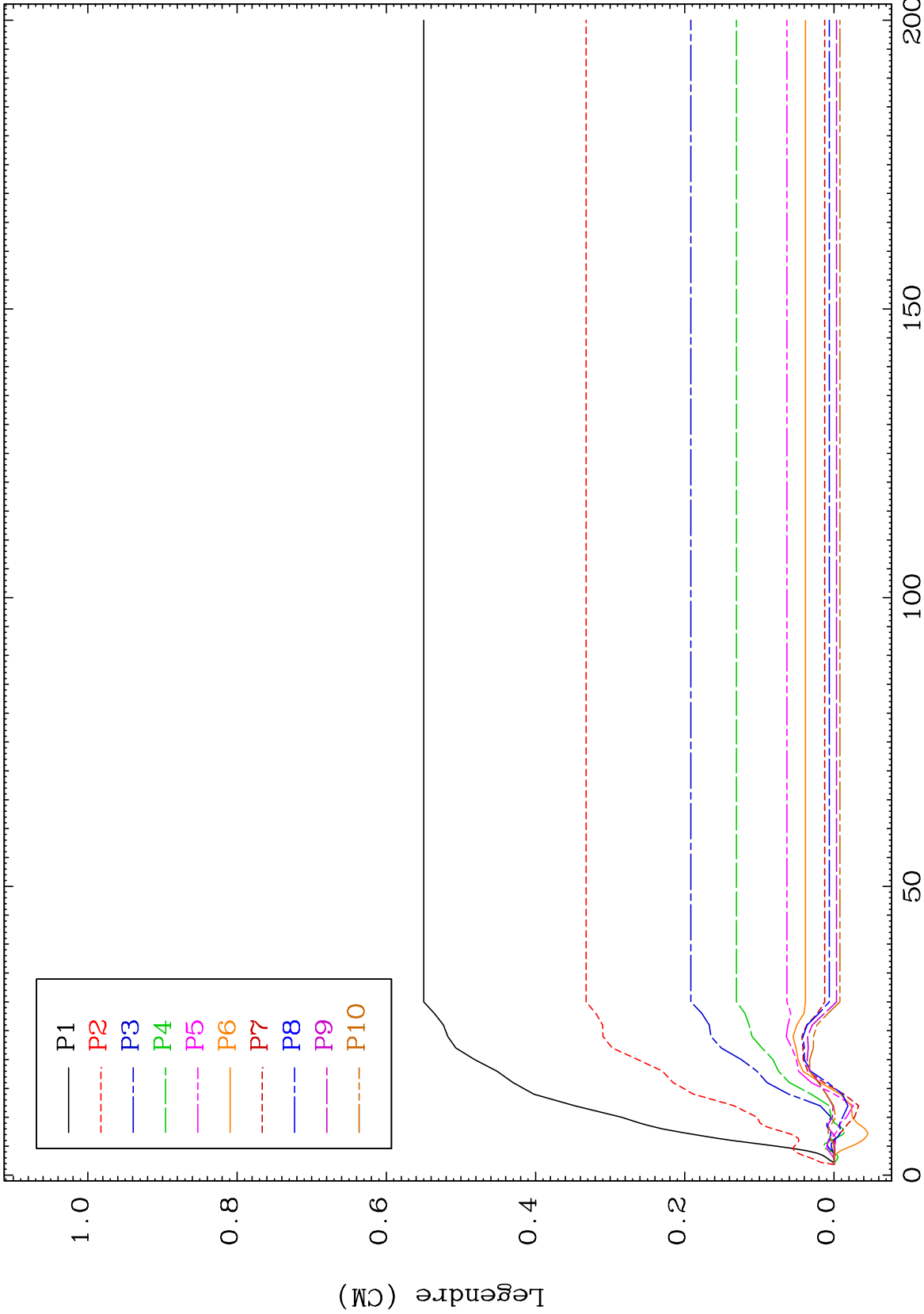
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



91

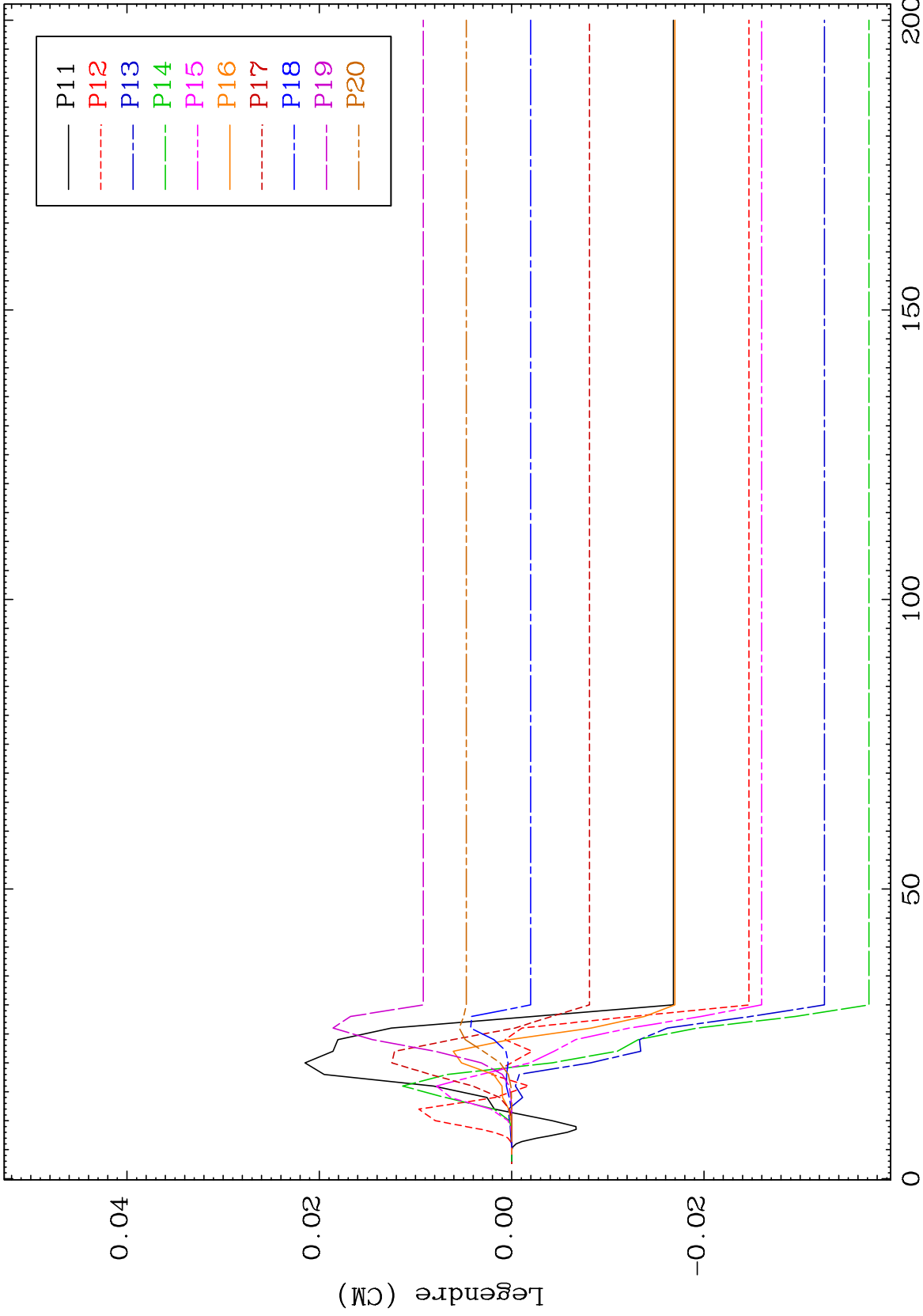
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



92

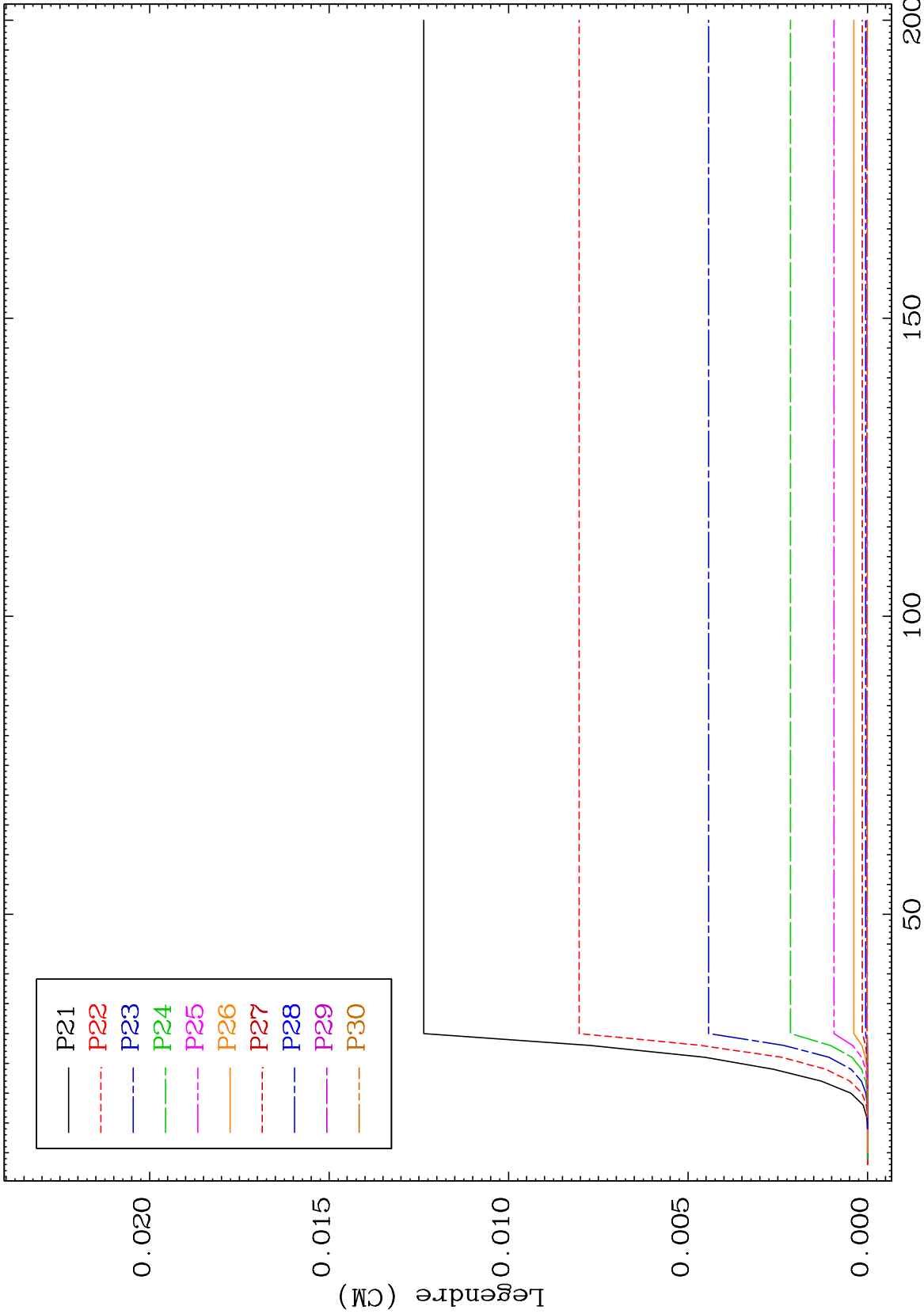
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



93

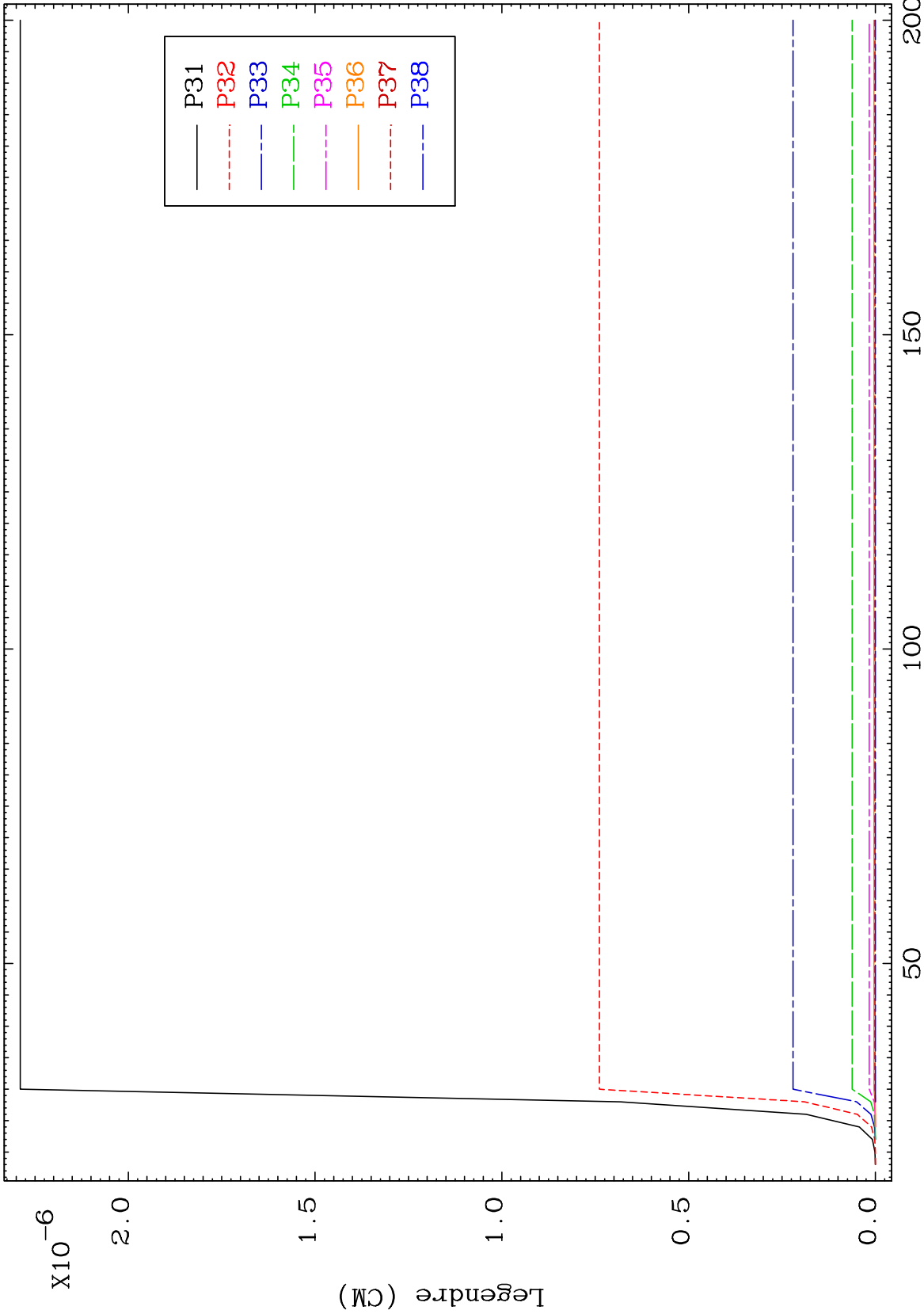
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



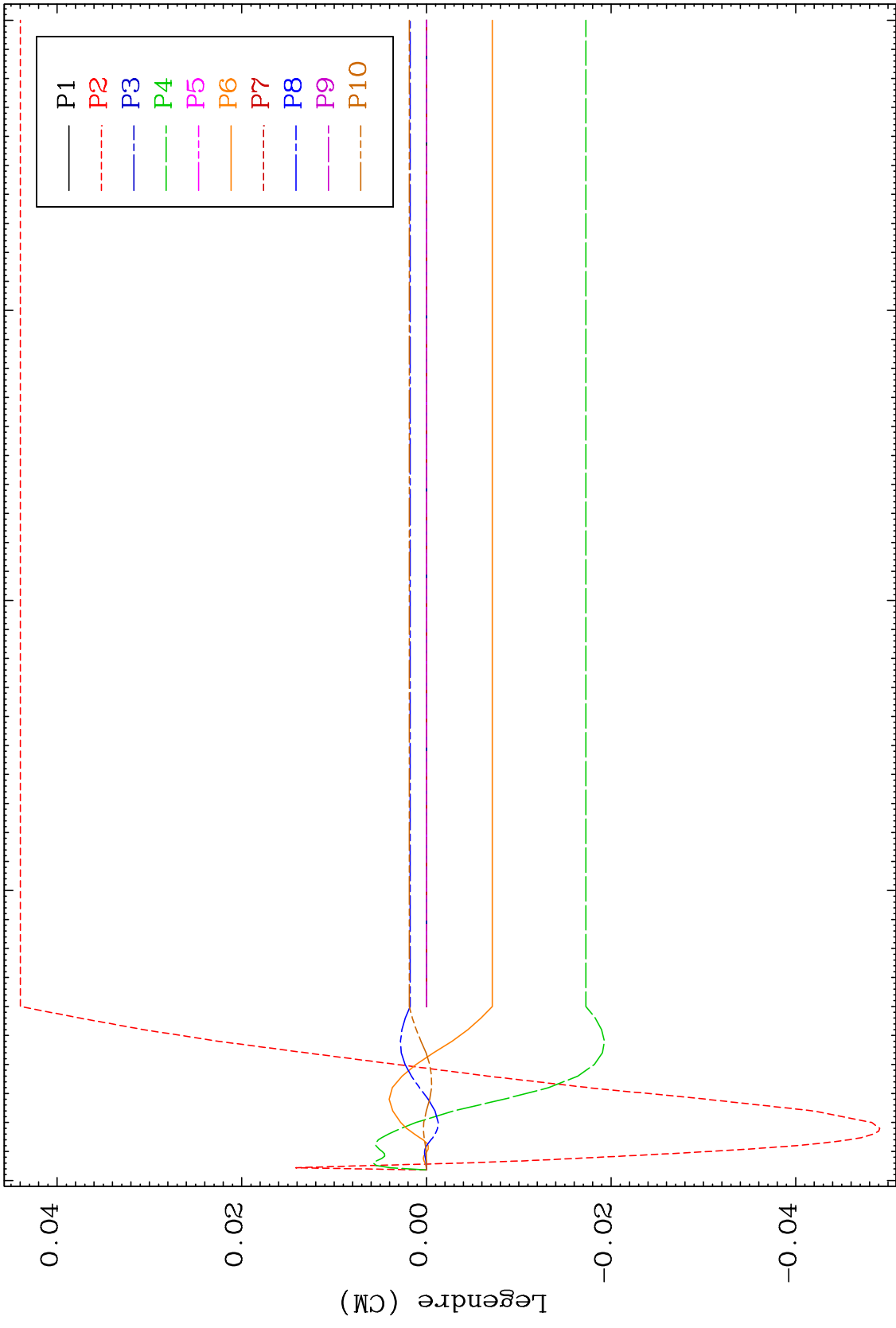
94

80-Hg-202

MAT 8043

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

80-Hg-202



95

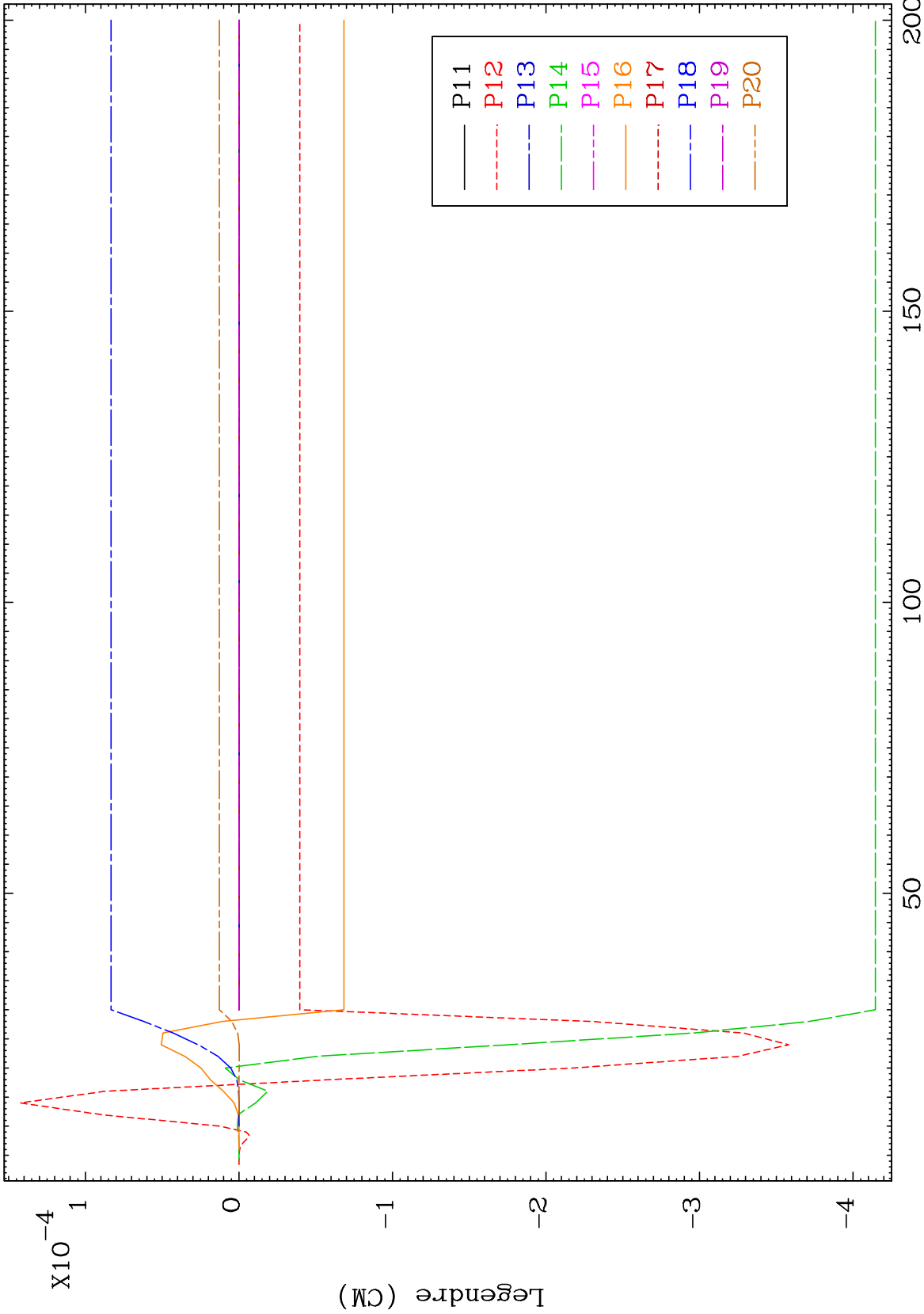
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



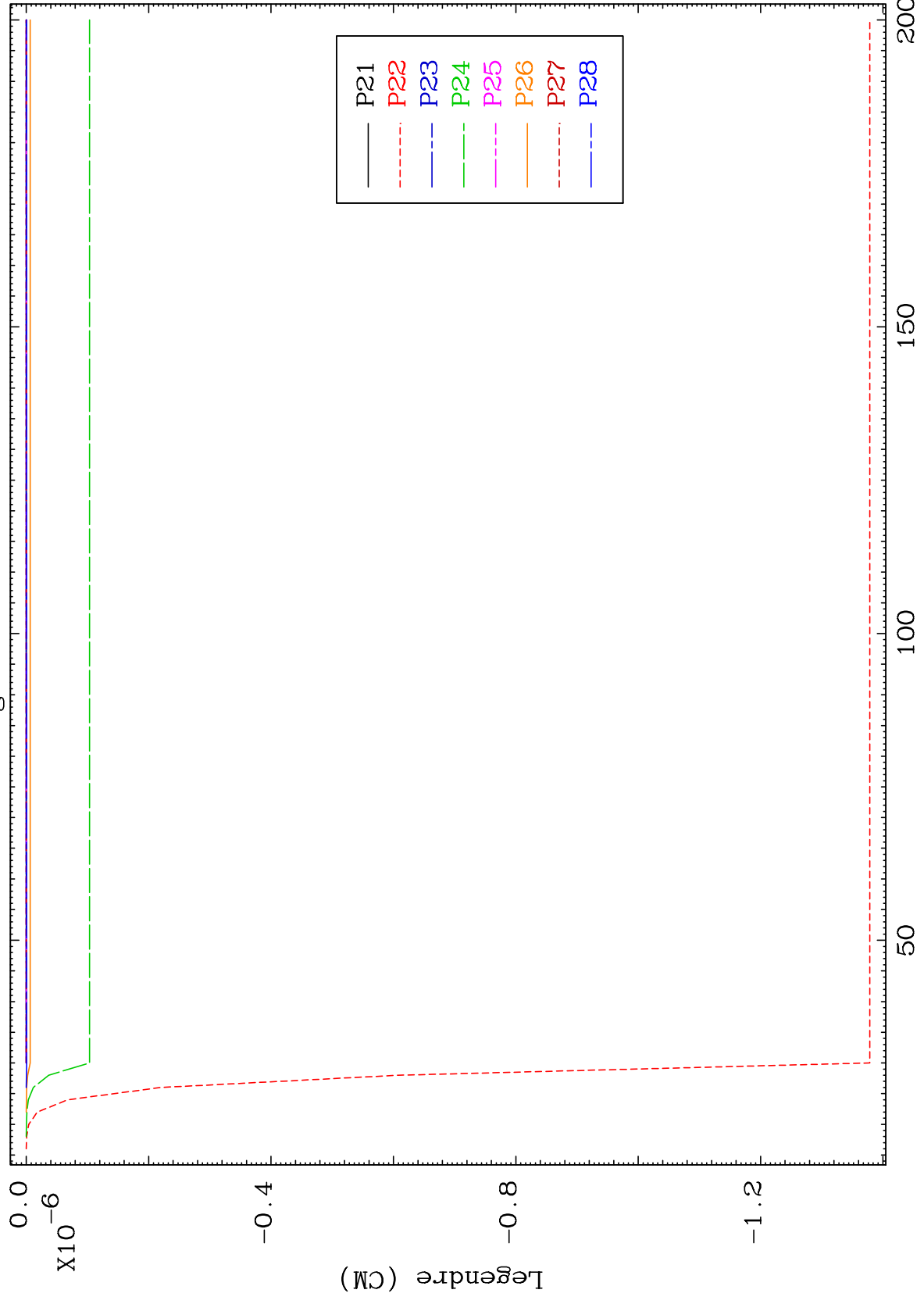
96

80-Hg-202

MAT 8043

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

80-Hg-202



80-Hg-202

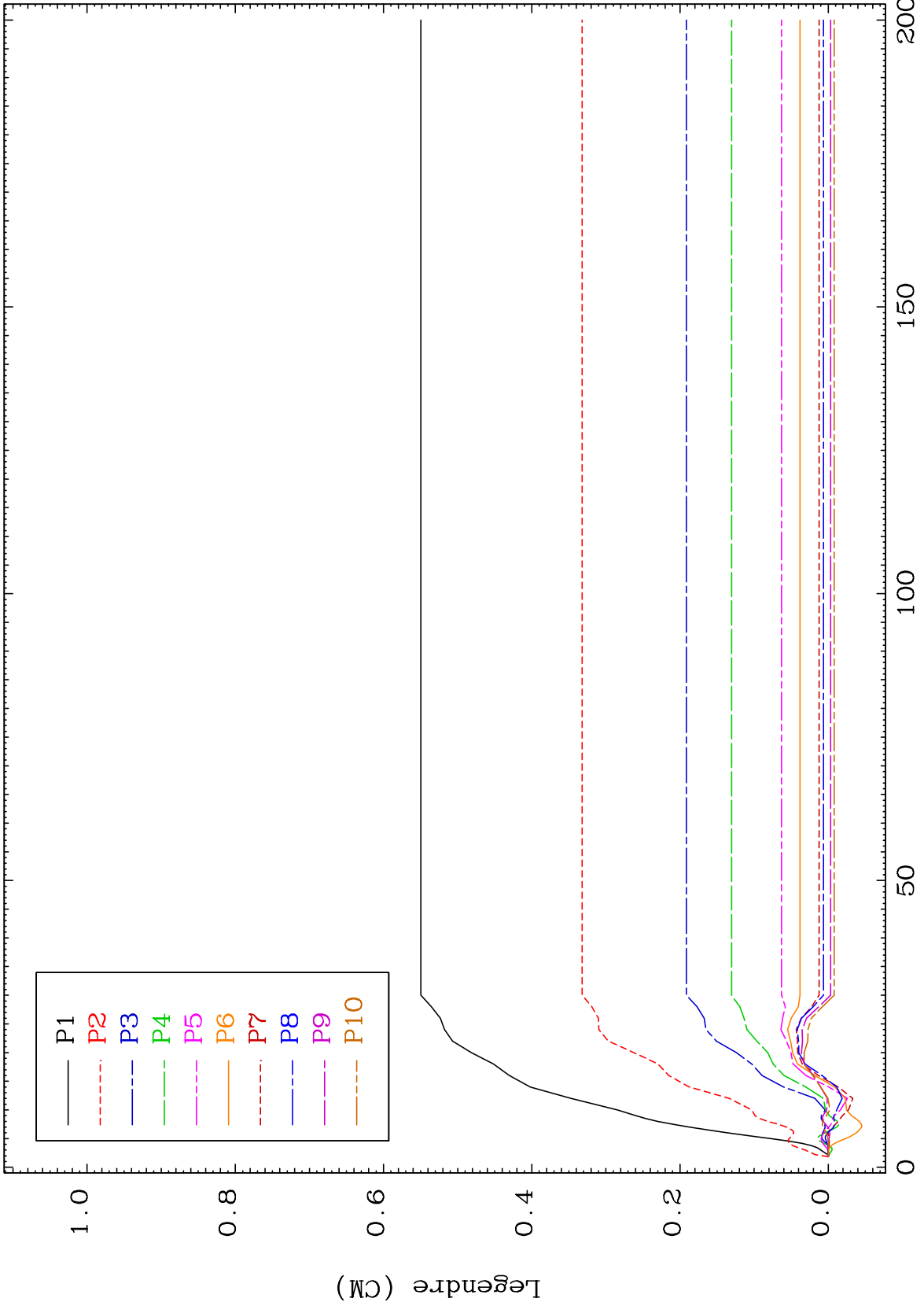
Incident Energy (MeV)

97

MAT 8043

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

80-Hg-202



98

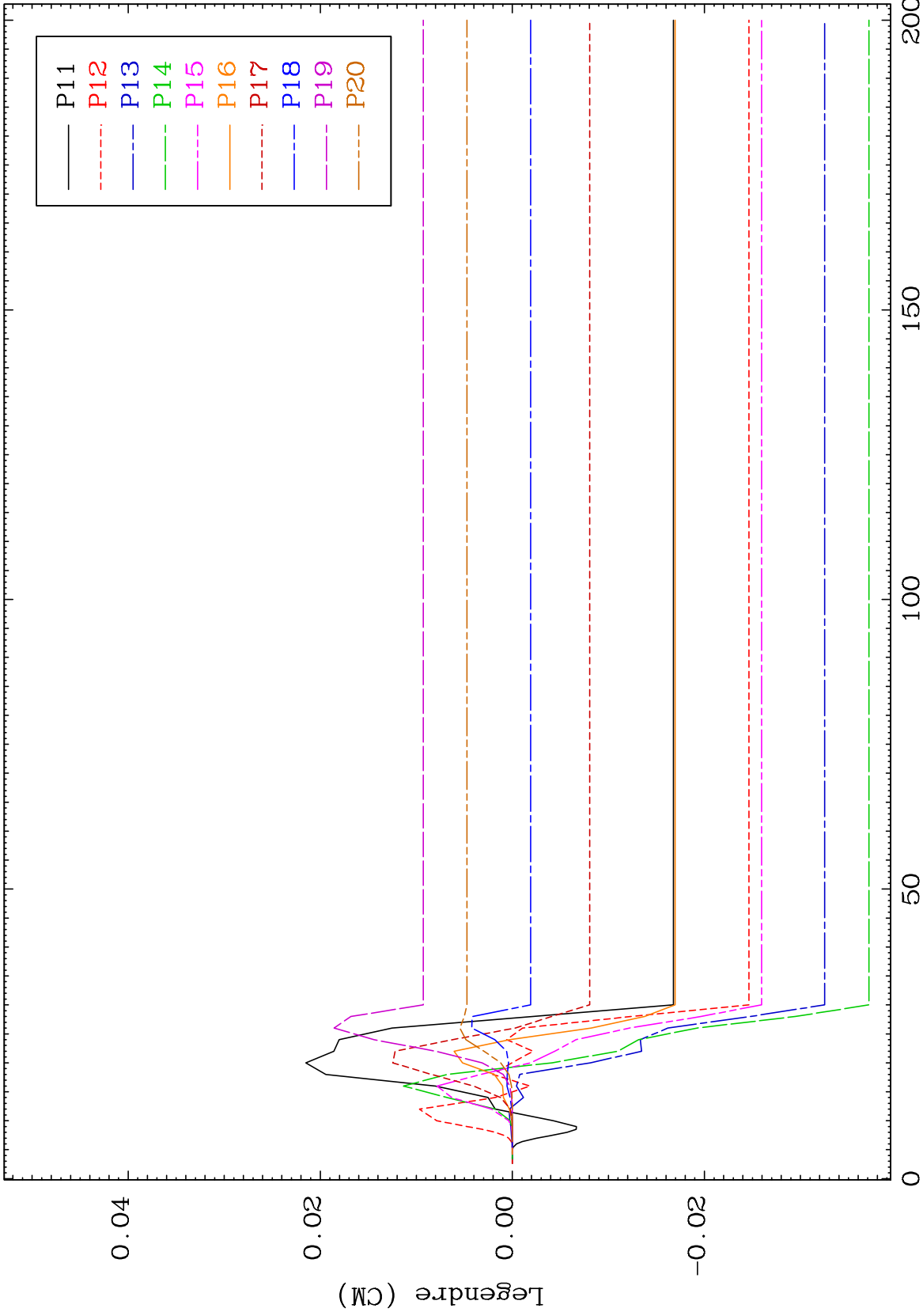
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



99

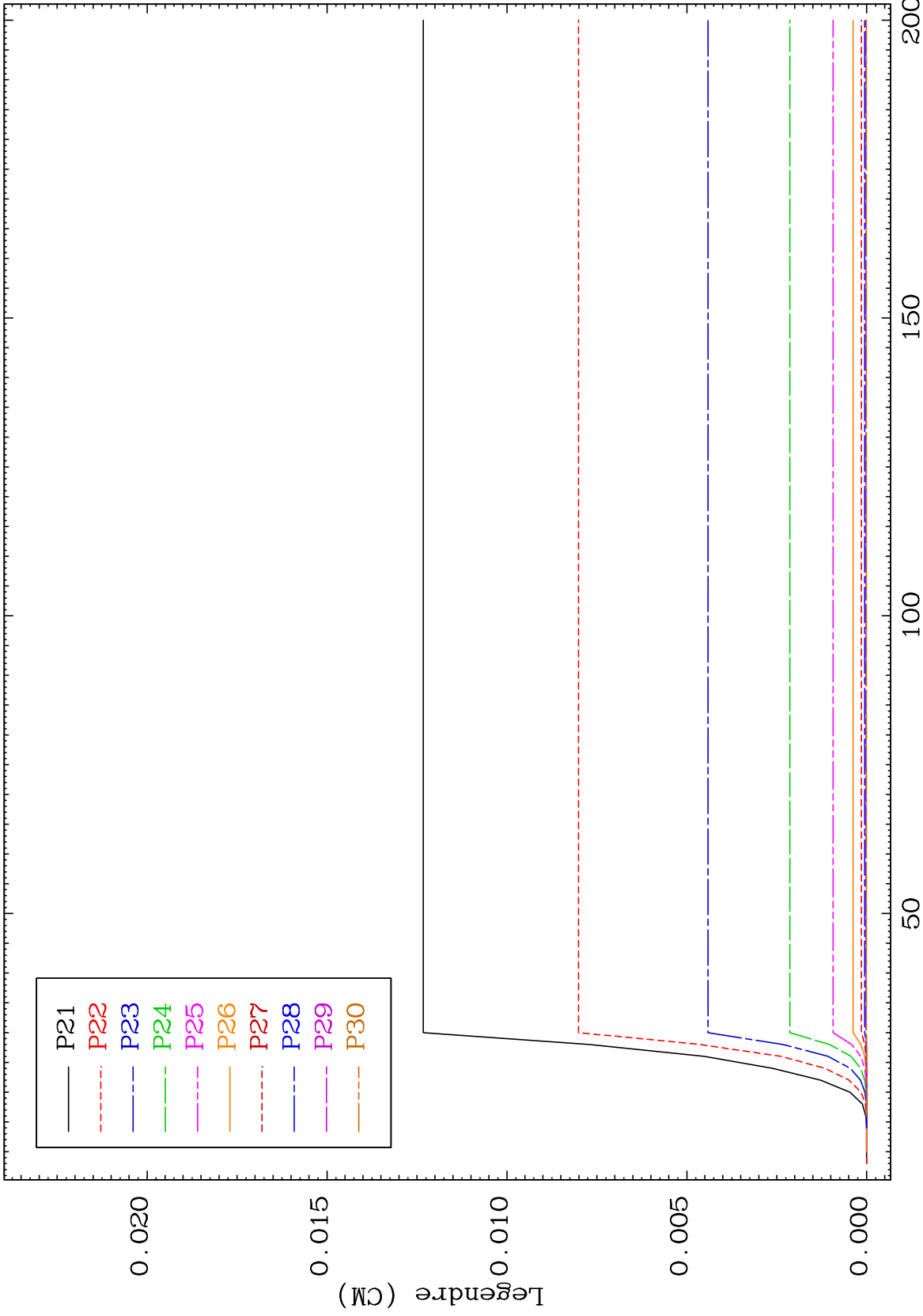
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



100

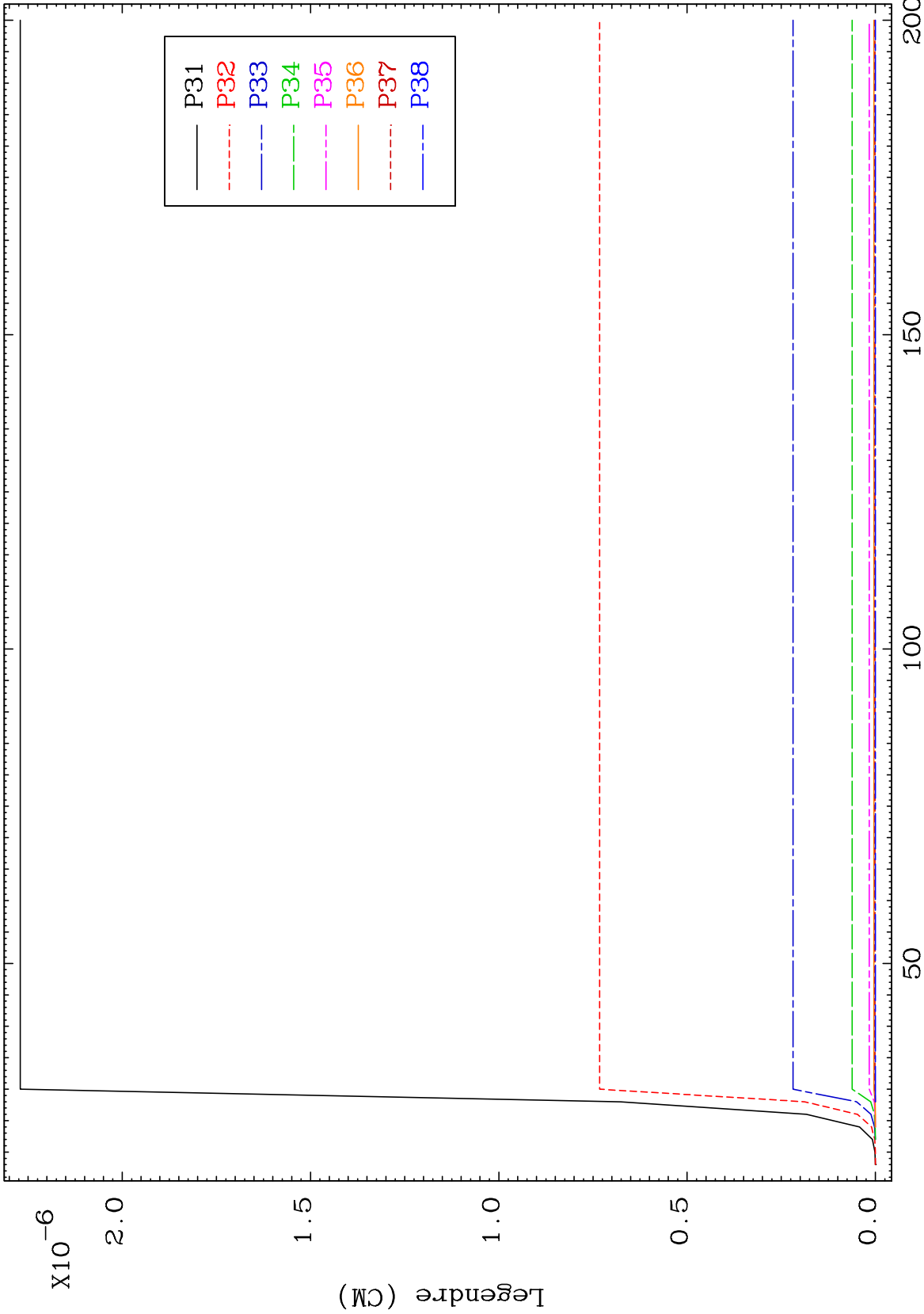
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



101

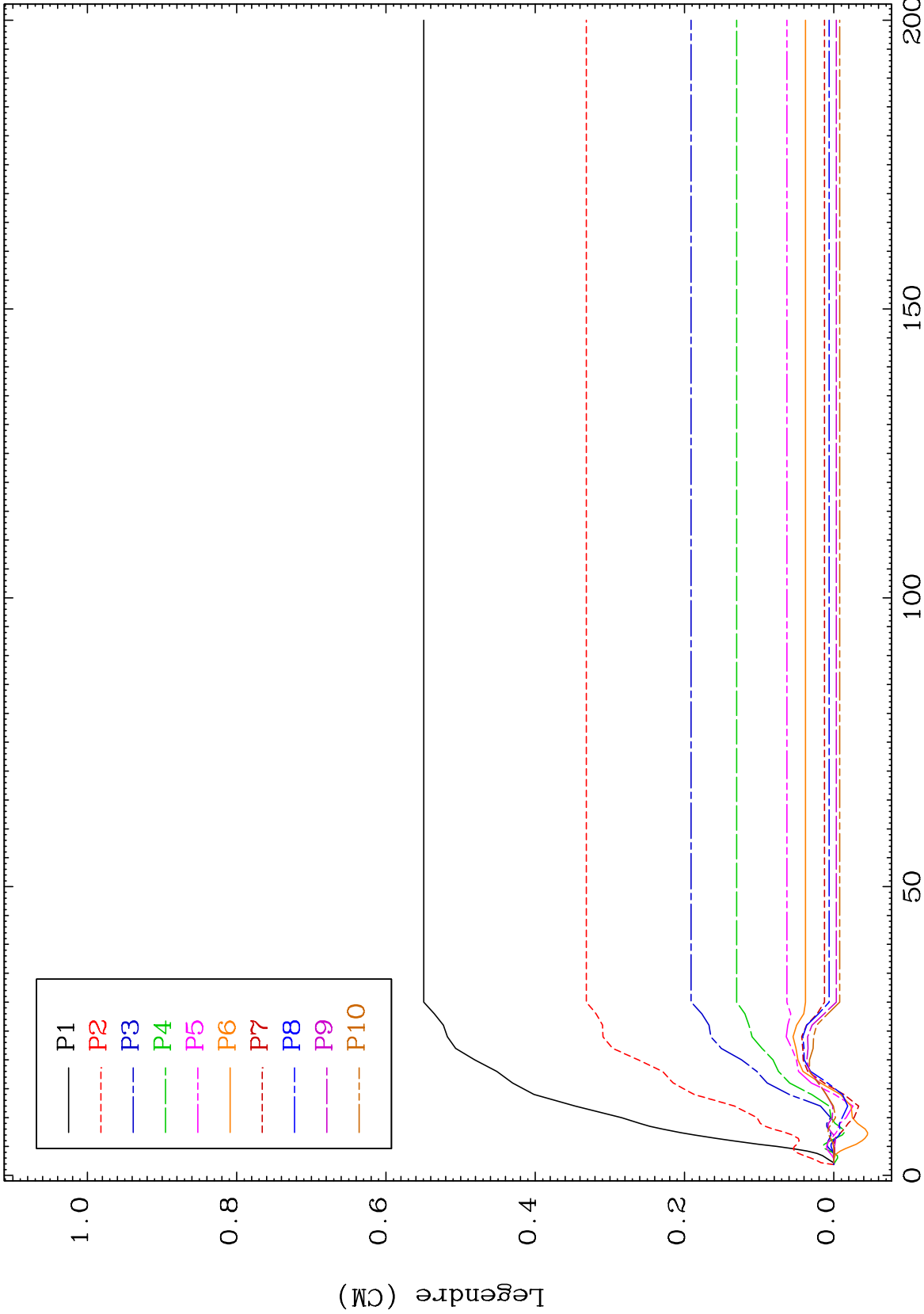
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



80-Hg-202

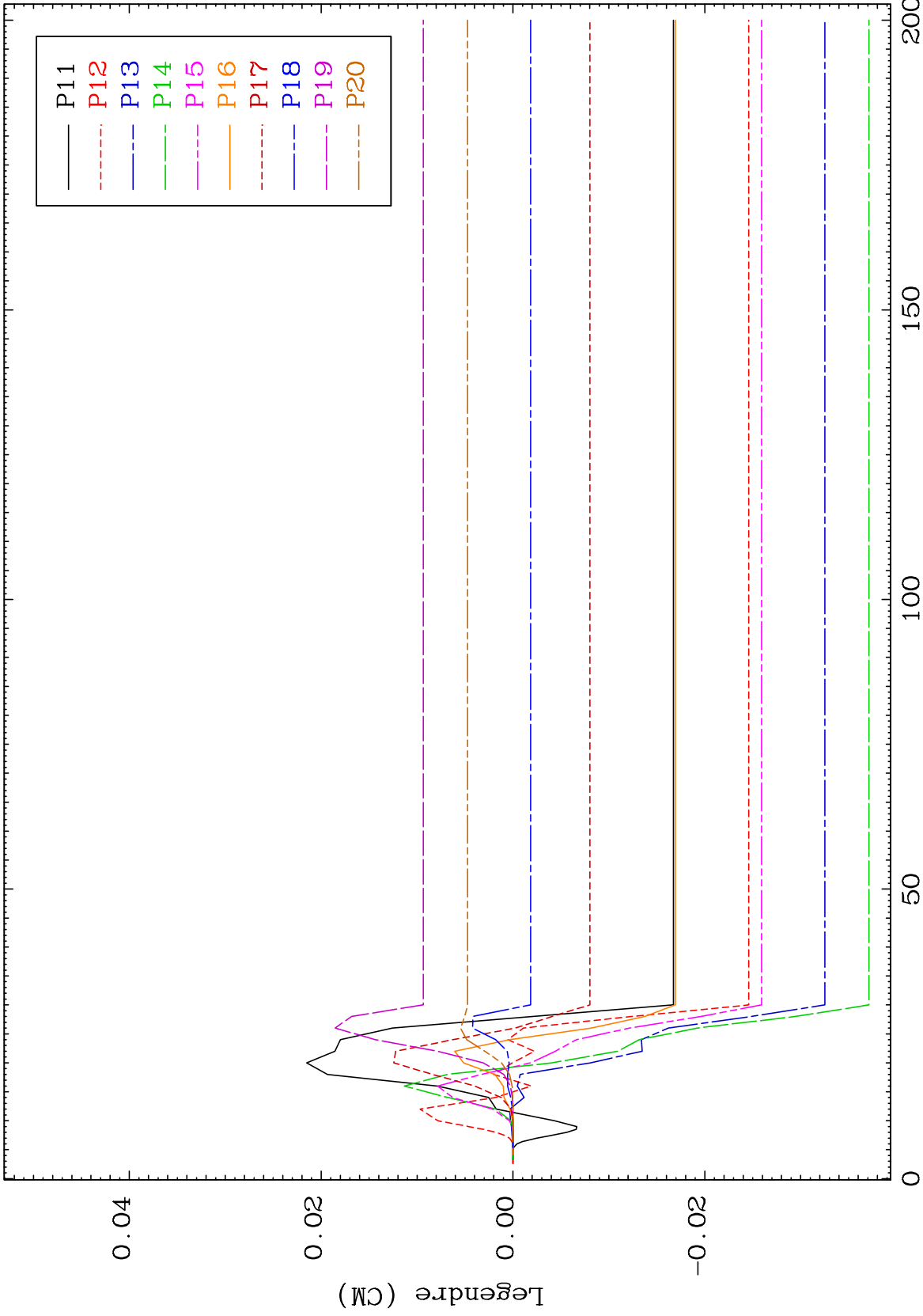
Incident Energy (MeV)

102

MAT 8043

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

80-Hg-202



103

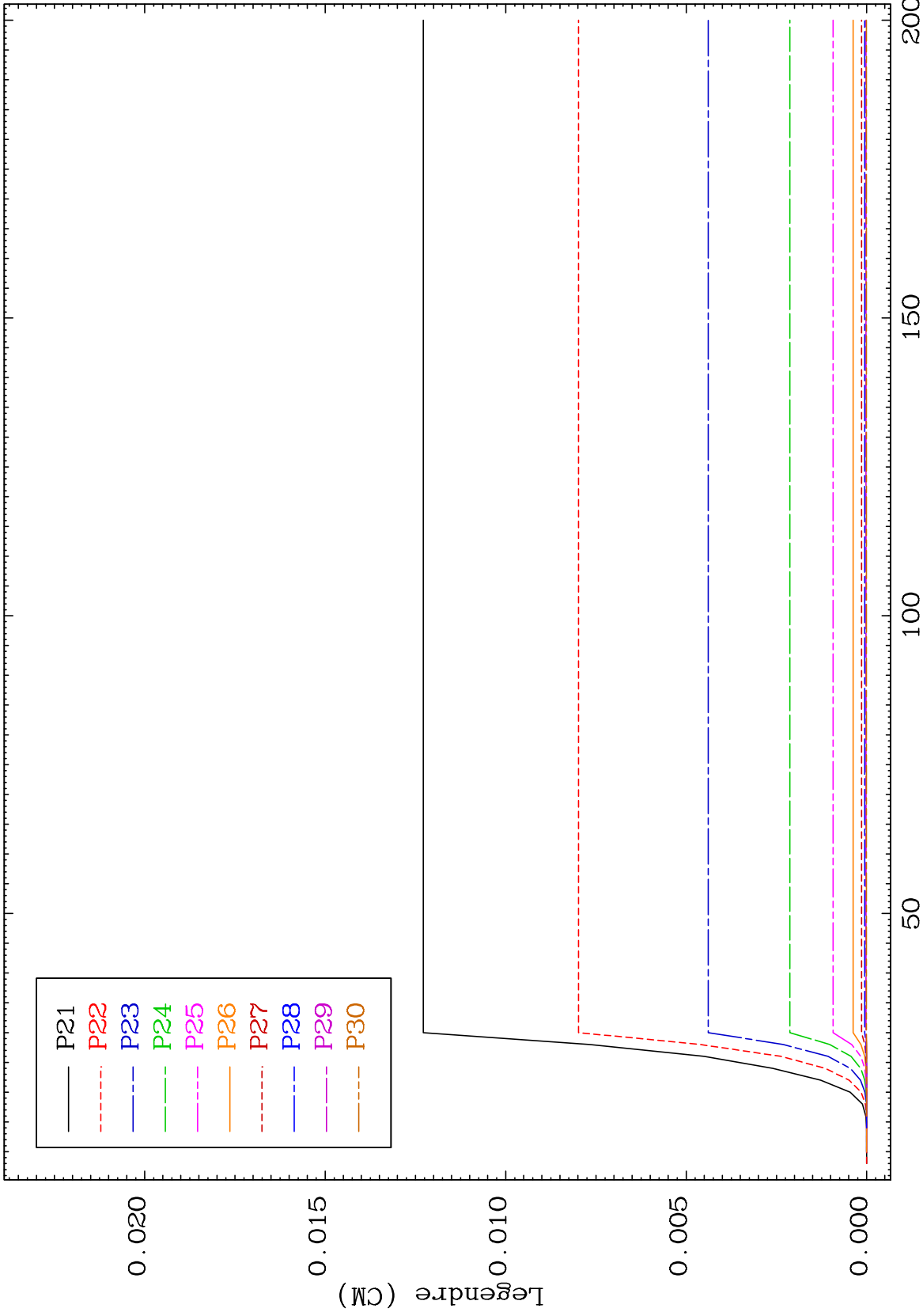
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



104

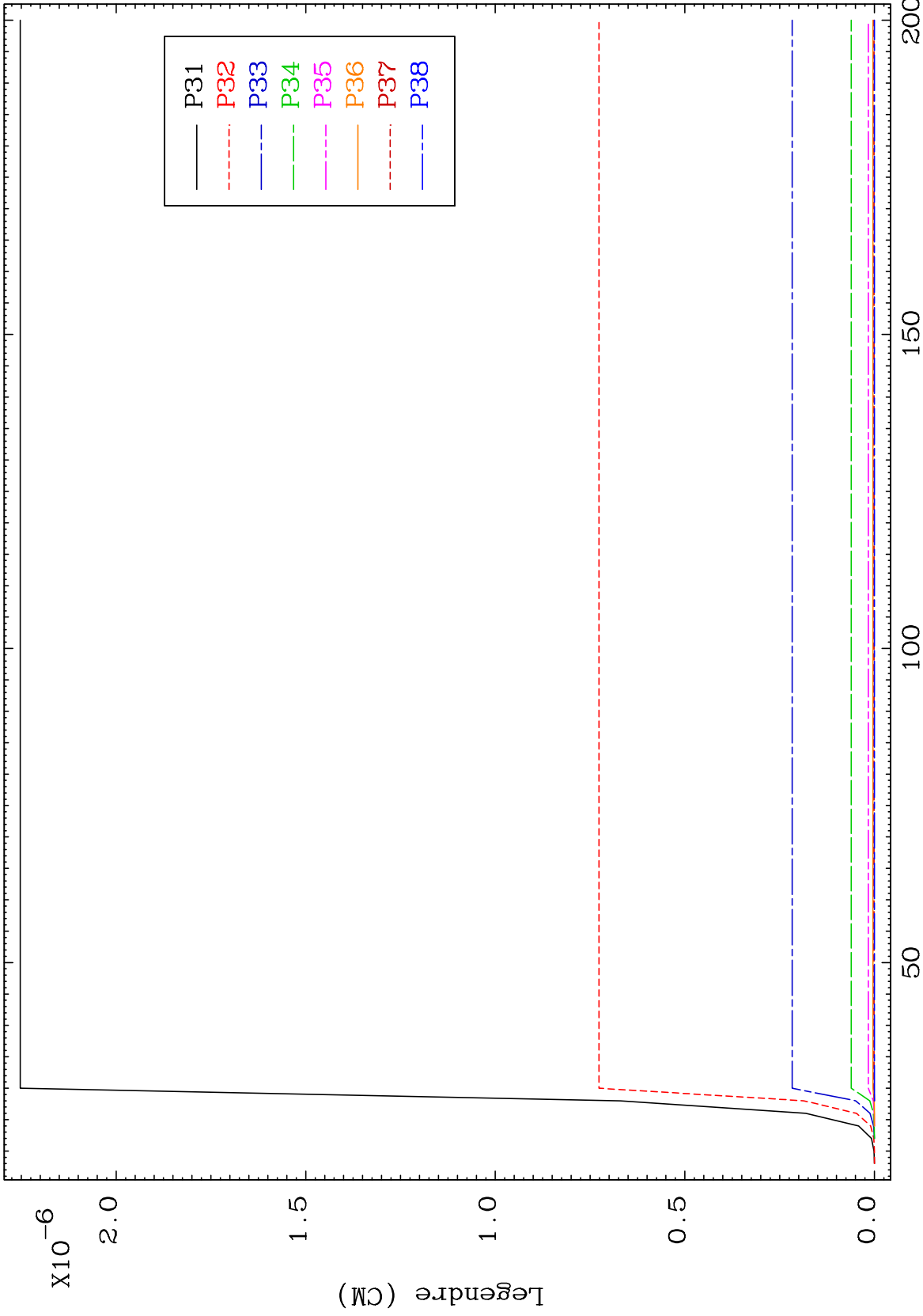
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



105

Incident Energy (MeV)

50

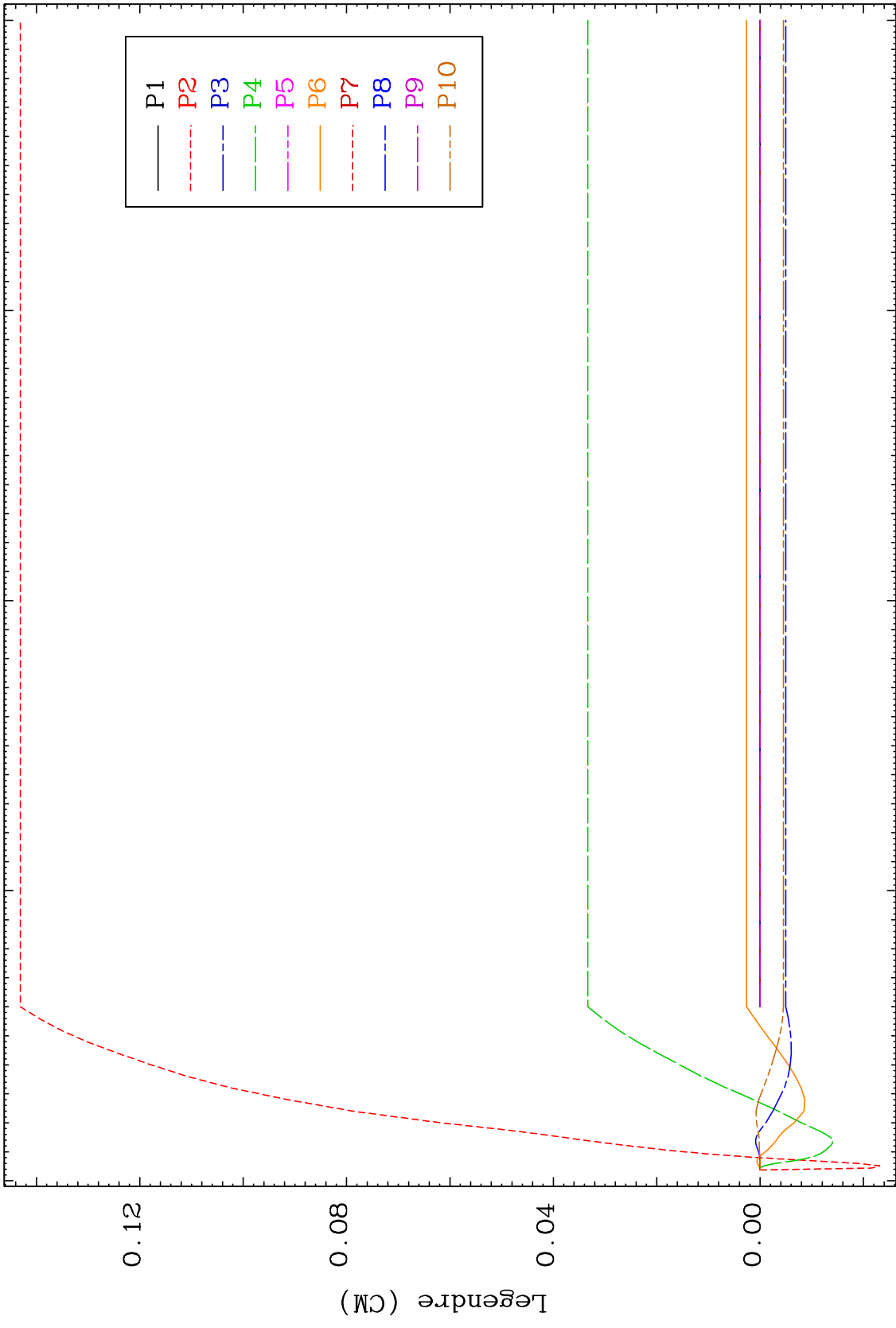
100

150

200

80-Hg-202

MAT 8043 MT= 74 (n,n') Level Legendre Coefficients 80-Hg-202

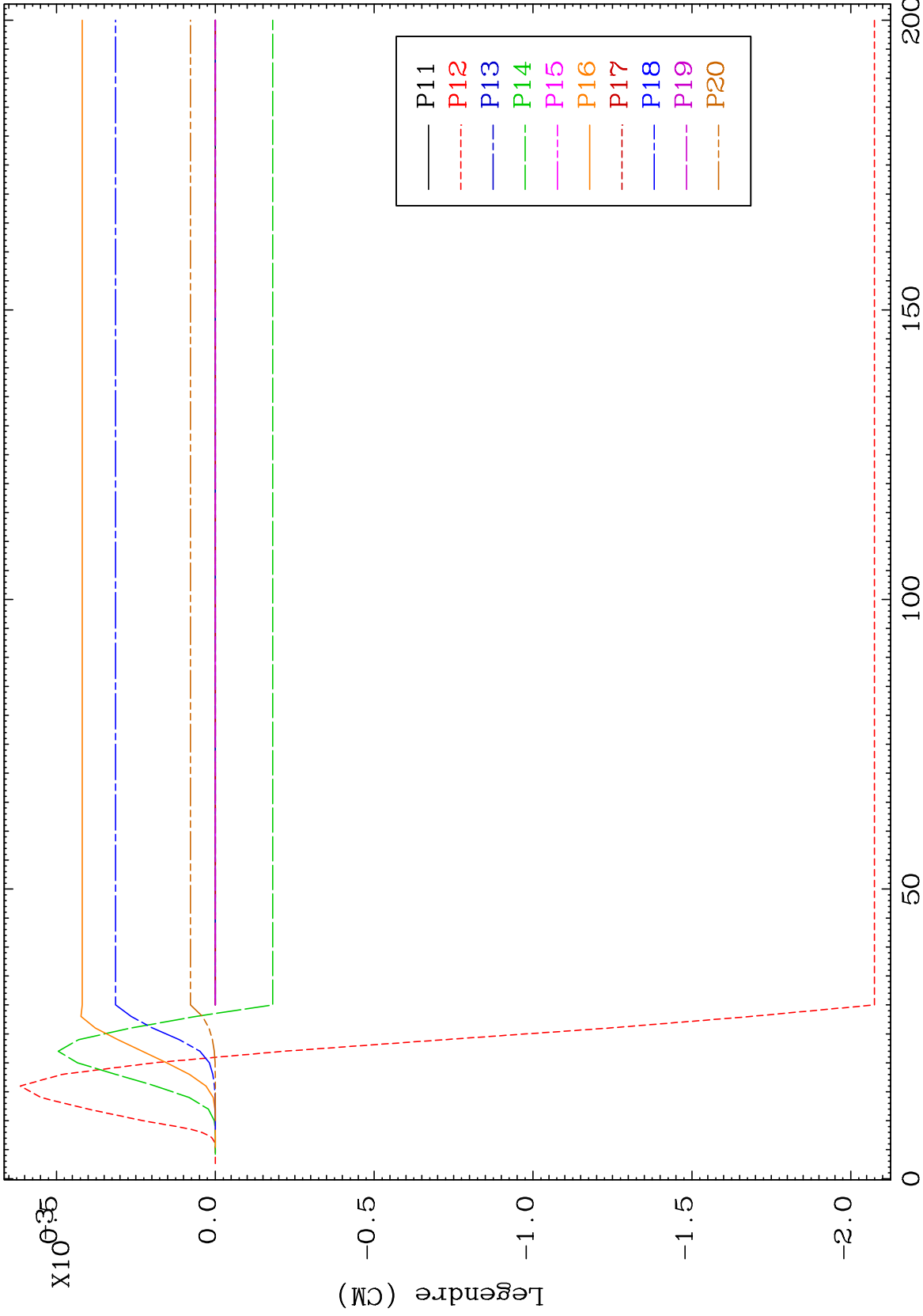


106 80-Hg-202

MAT 8043

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

80-Hg-202

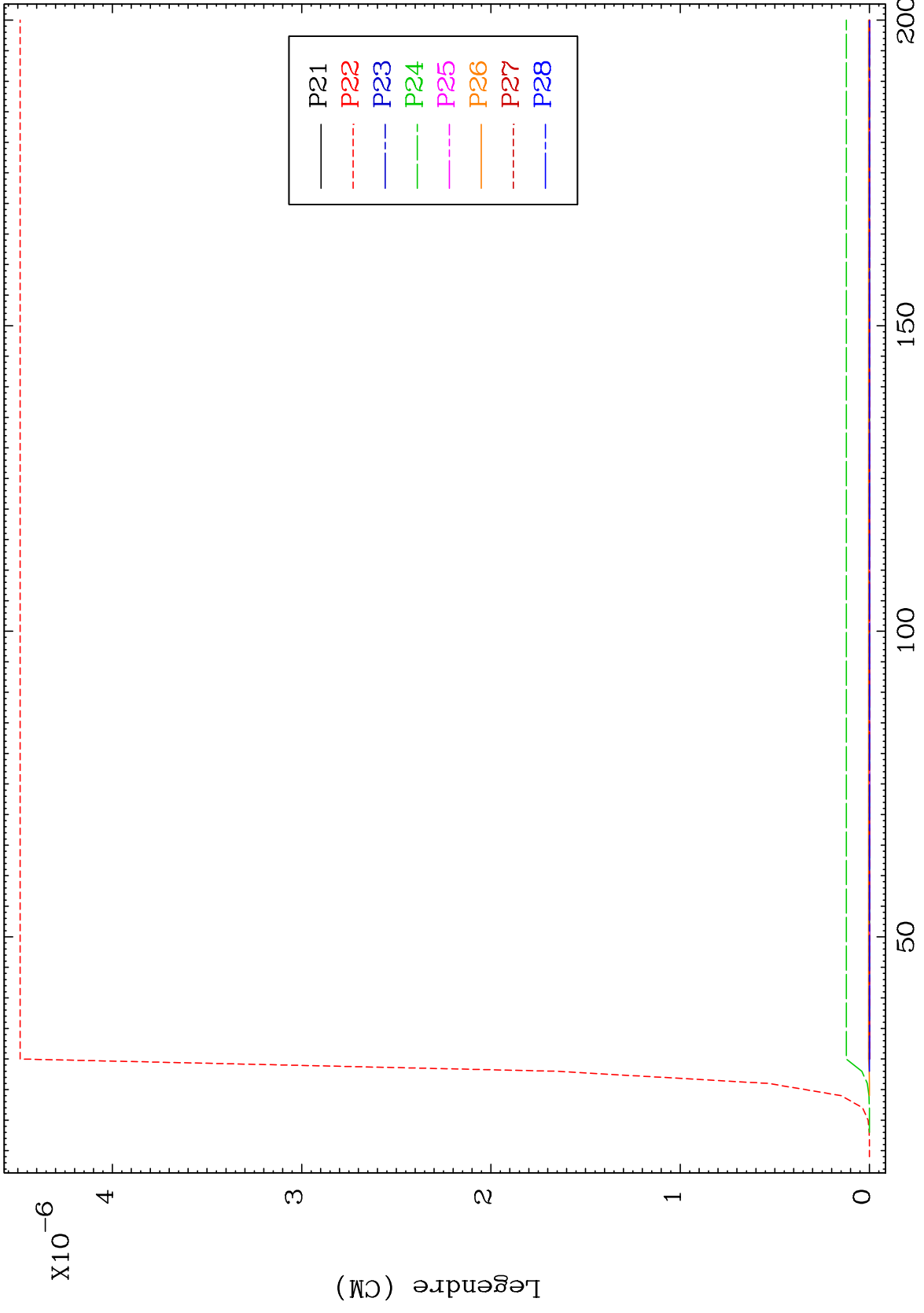


107

Incident Energy (MeV)

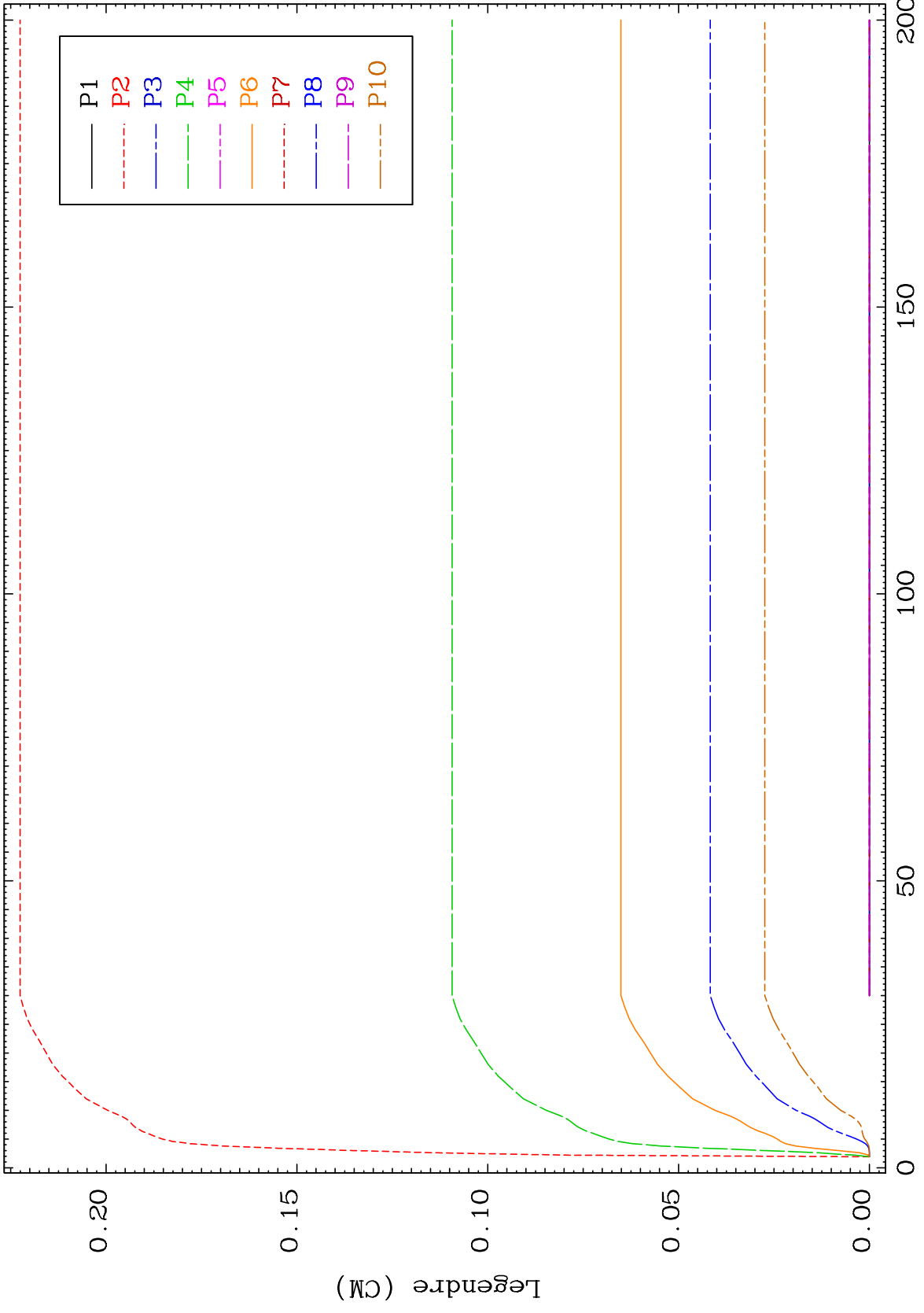
80-Hg-202

MAT 8043 MT= 74 (n,n') Level Legendre Coefficients 80-Hg-202



108 Incident Energy (MeV) 80-Hg-202

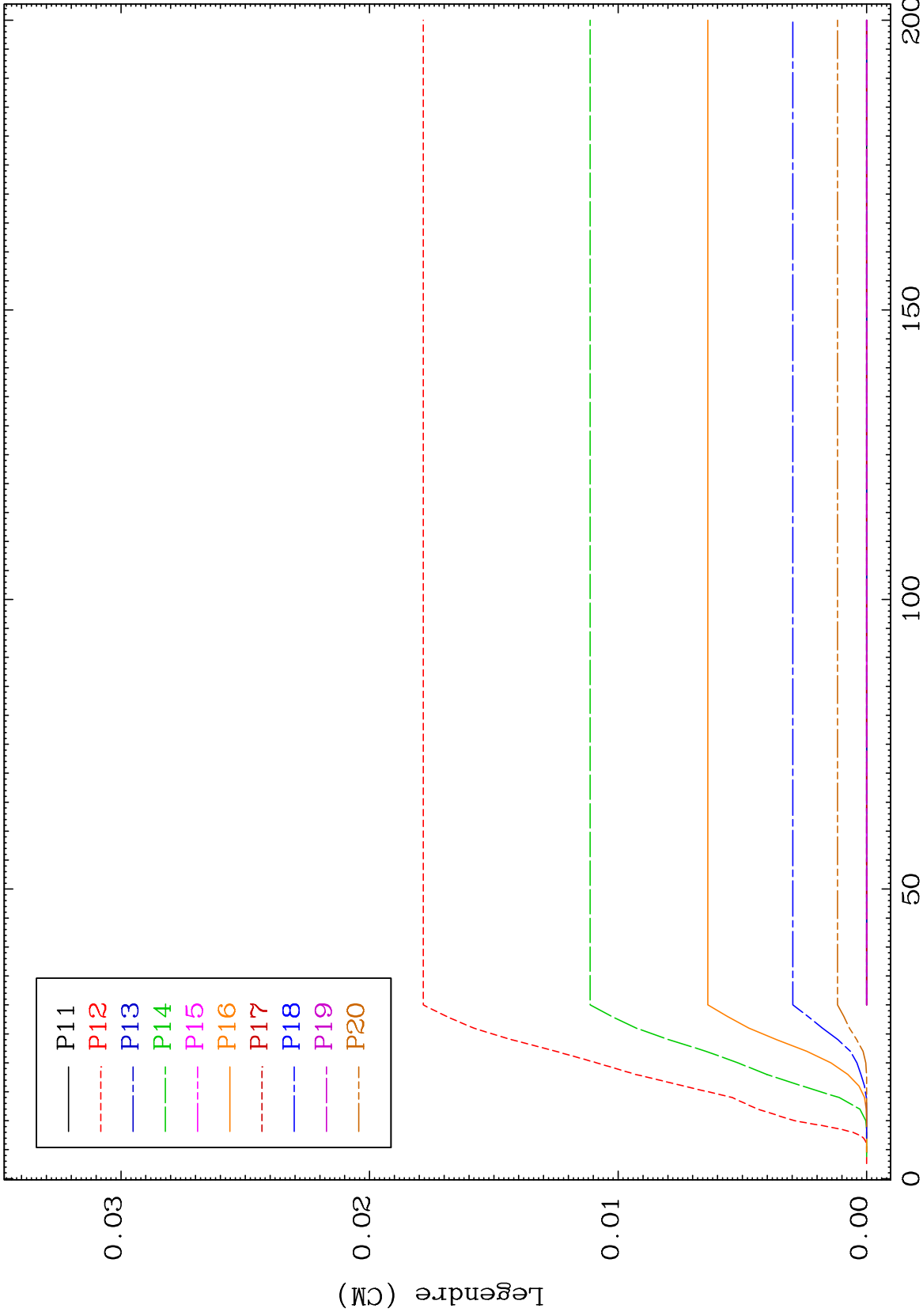
MAT 8043 MT= 75 (n,n') Level Legendre Coefficients 80-Hg-202



MAT 8043

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

80-Hg-202

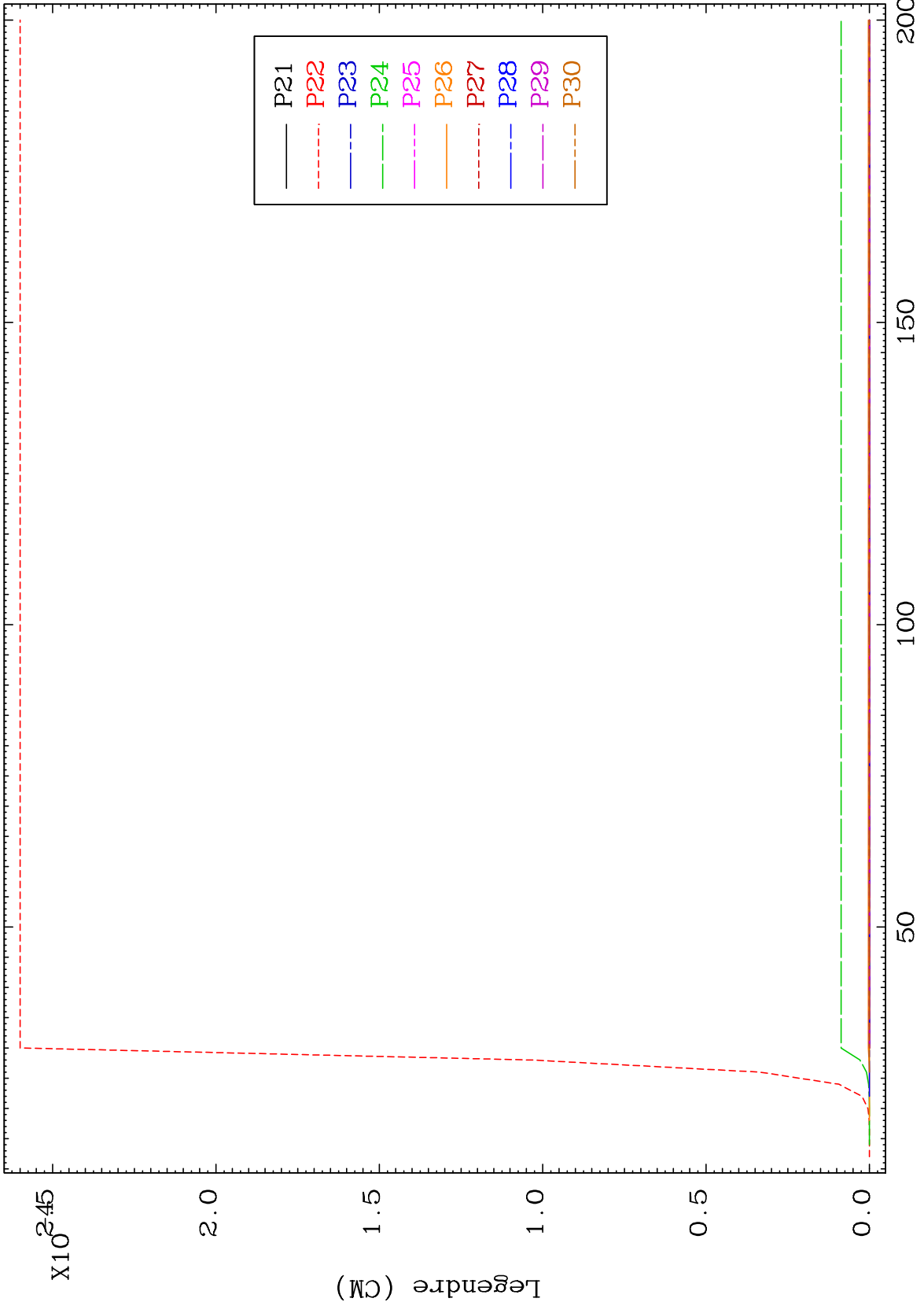


110

Incident Energy (MeV)

80-Hg-202

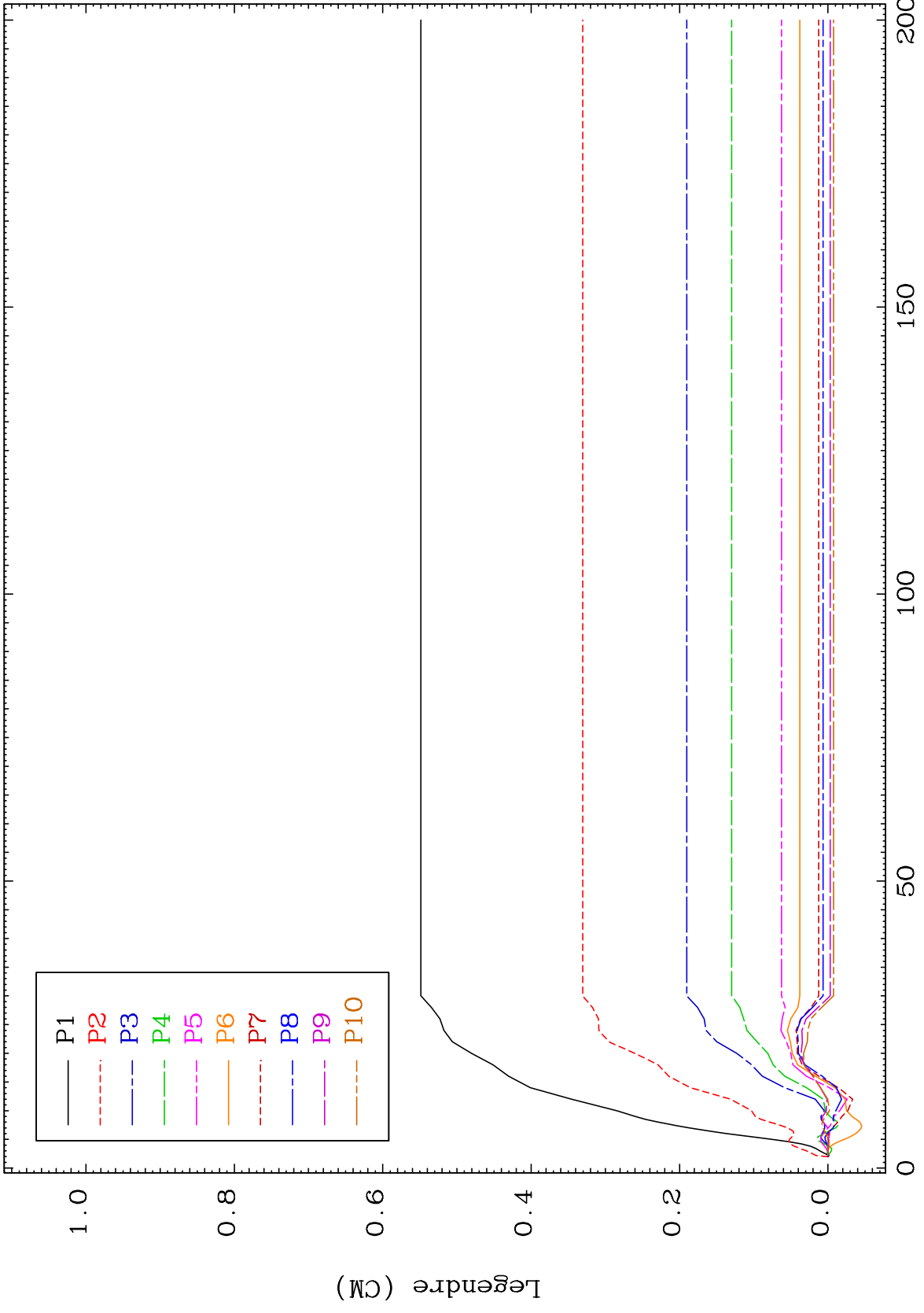
MAT 8043 MT= 75 (n,n') Level Legendre Coefficients 80-Hg-202



MAT 8043

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

80-Hg-202



112

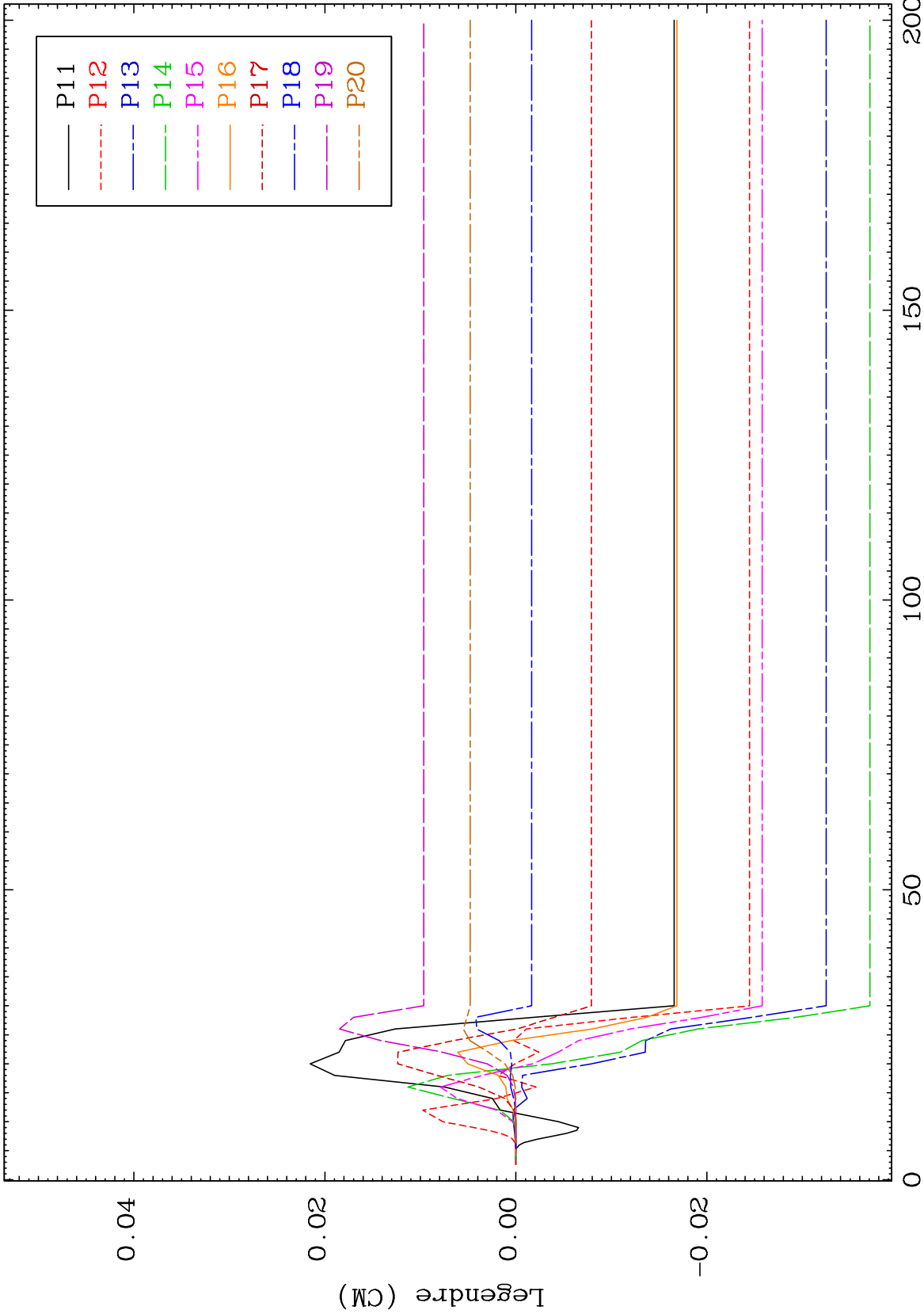
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



80-Hg-202

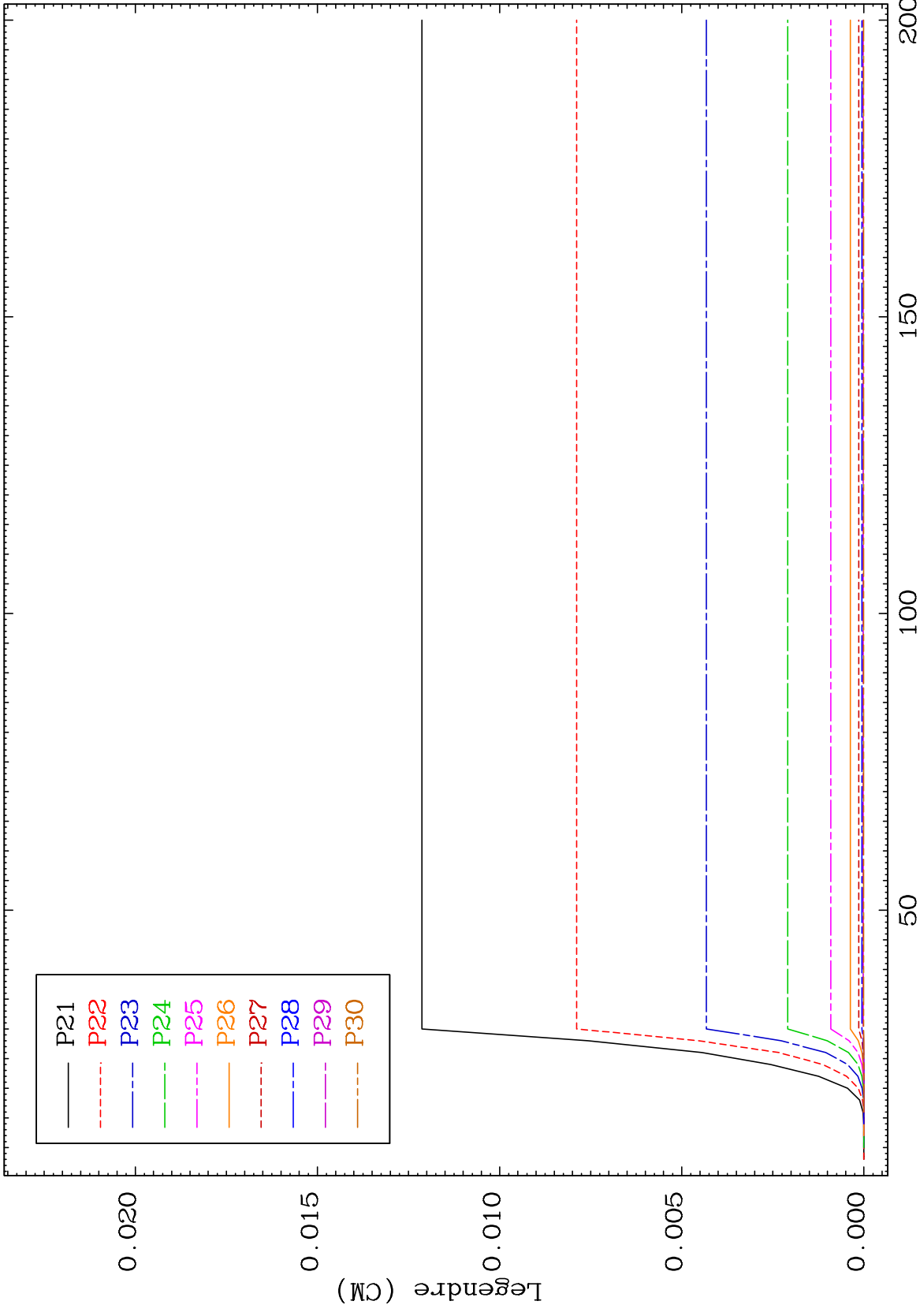
Incident Energy (MeV)

113

MAT 8043

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

80-Hg-202



114

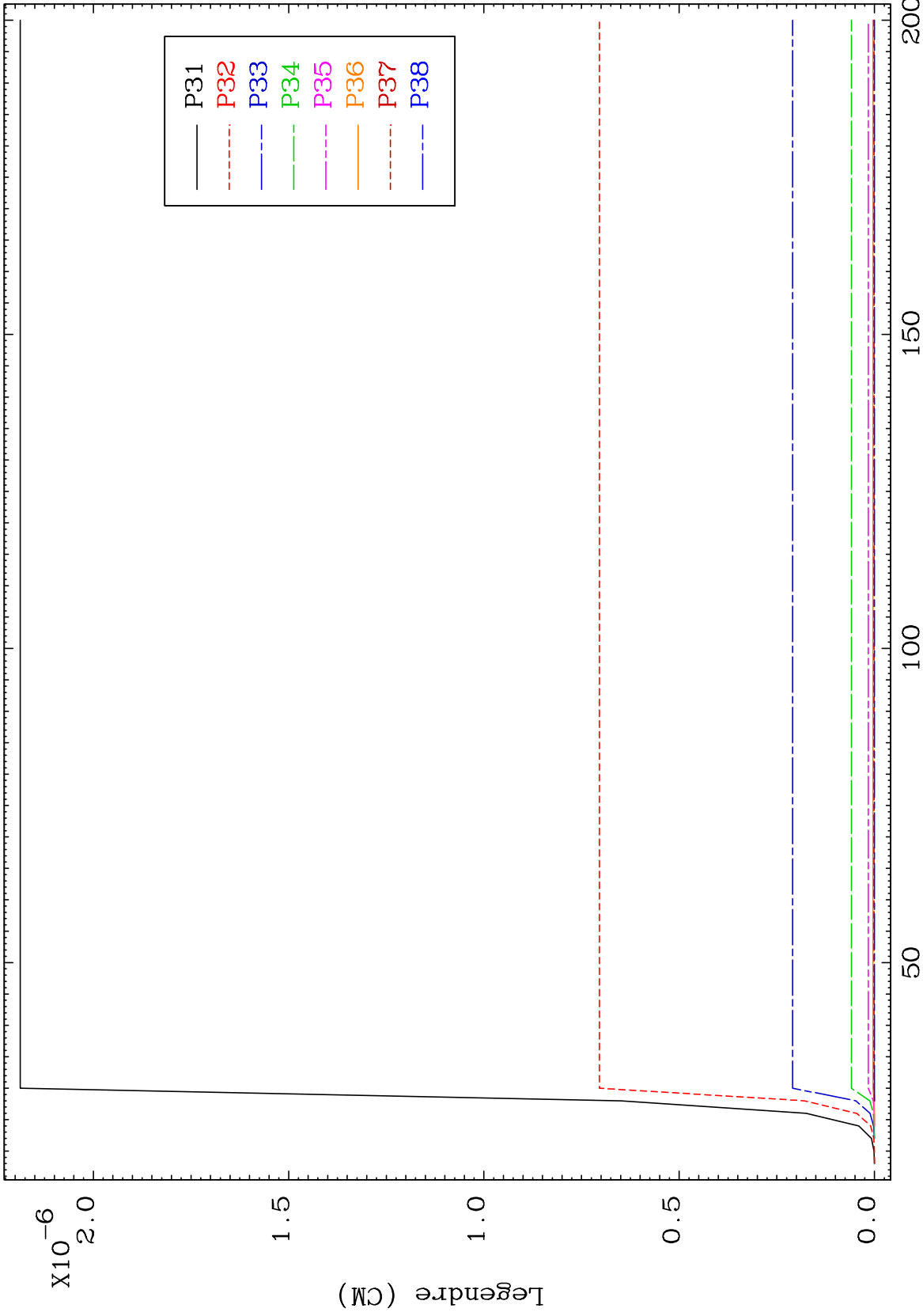
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



115

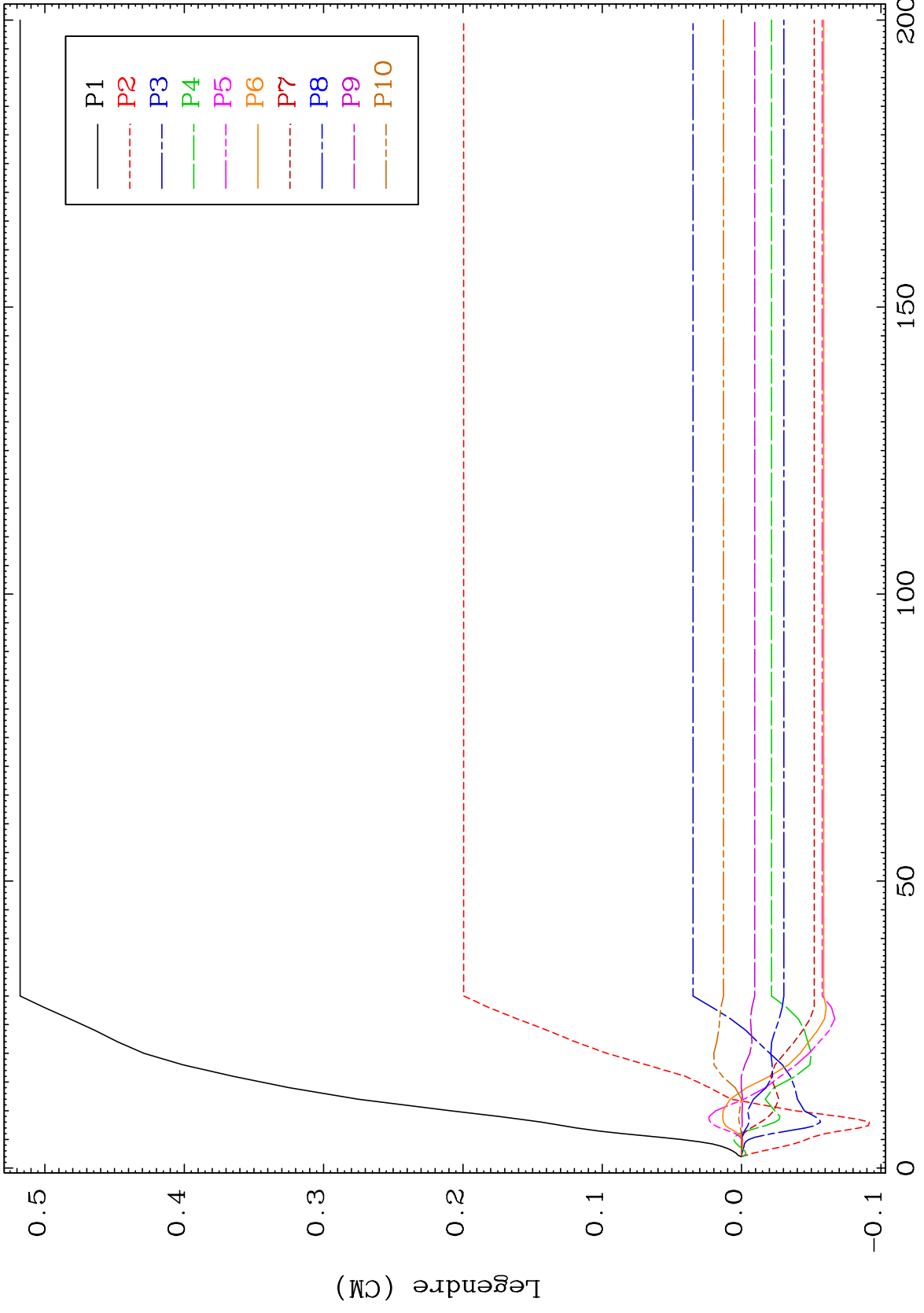
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



116

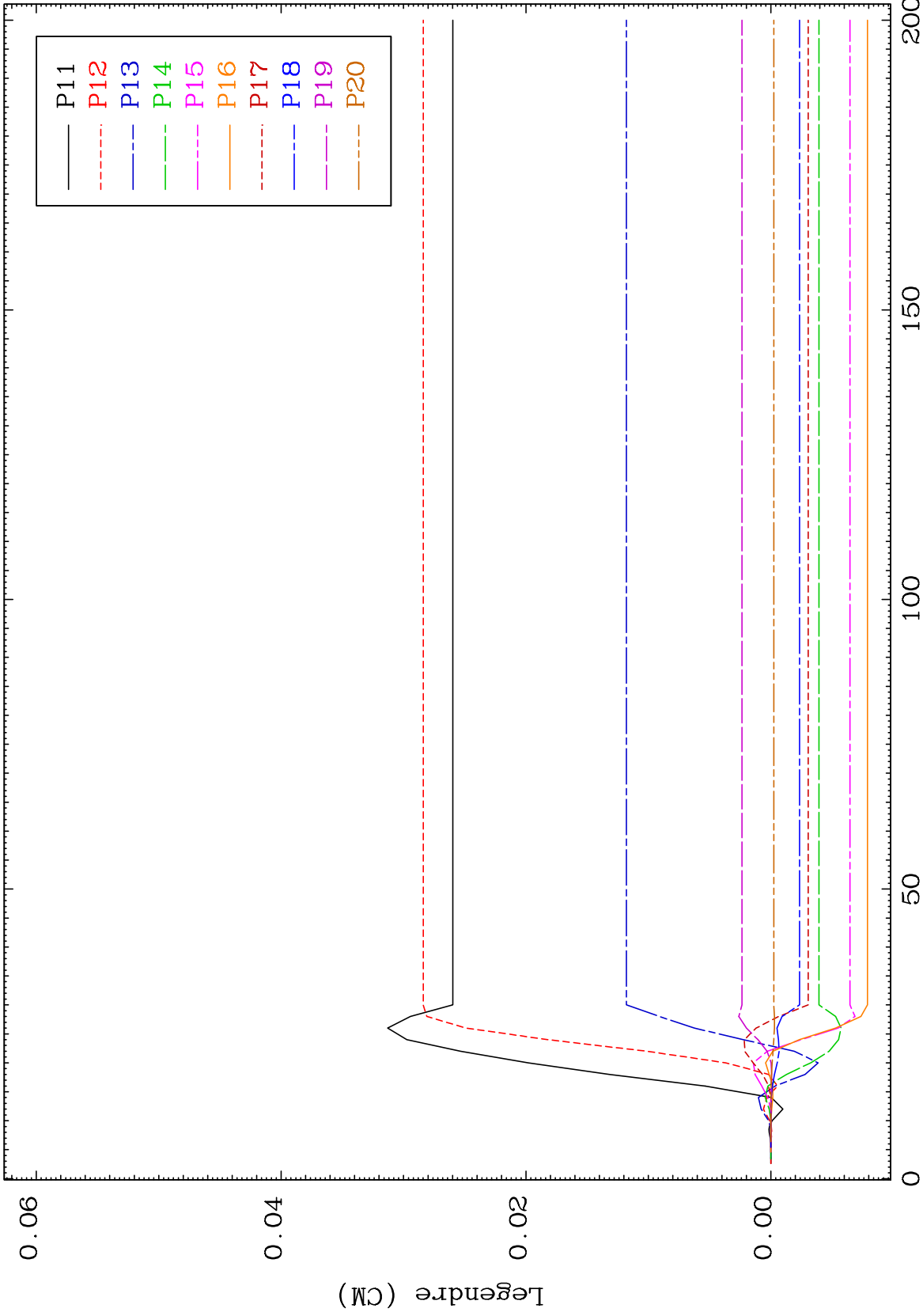
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



117

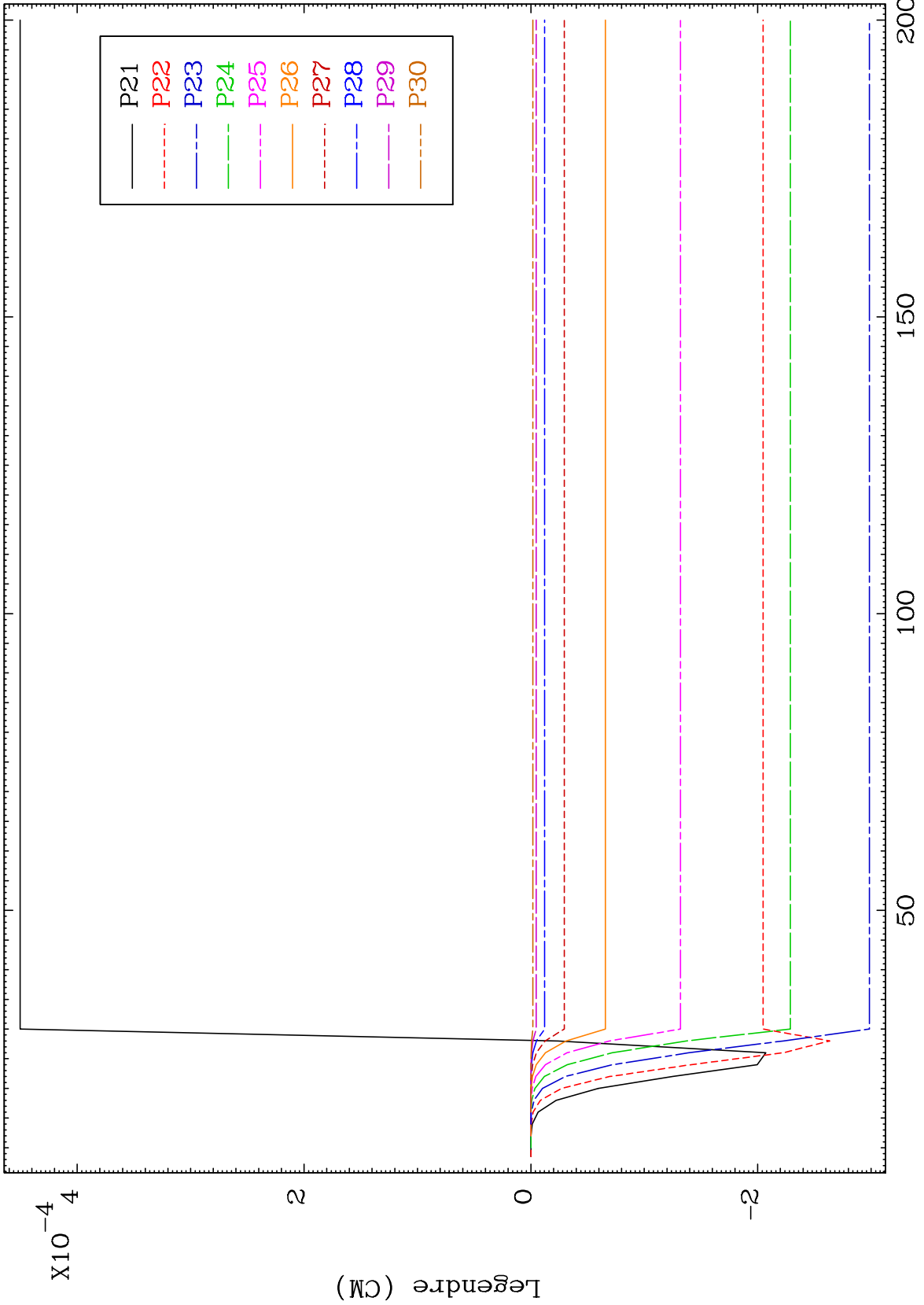
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202

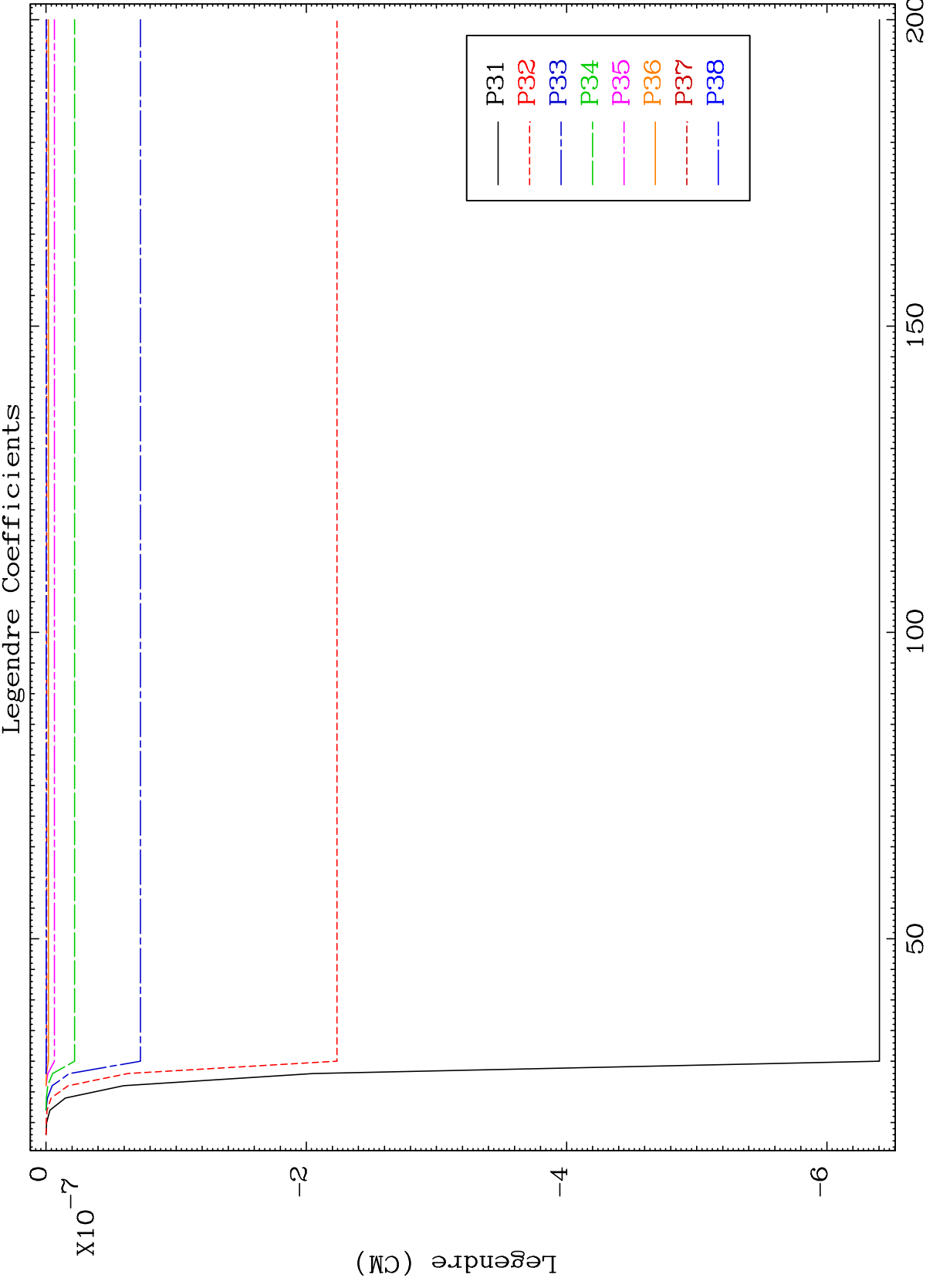


118

Incident Energy (MeV)

80-Hg-202

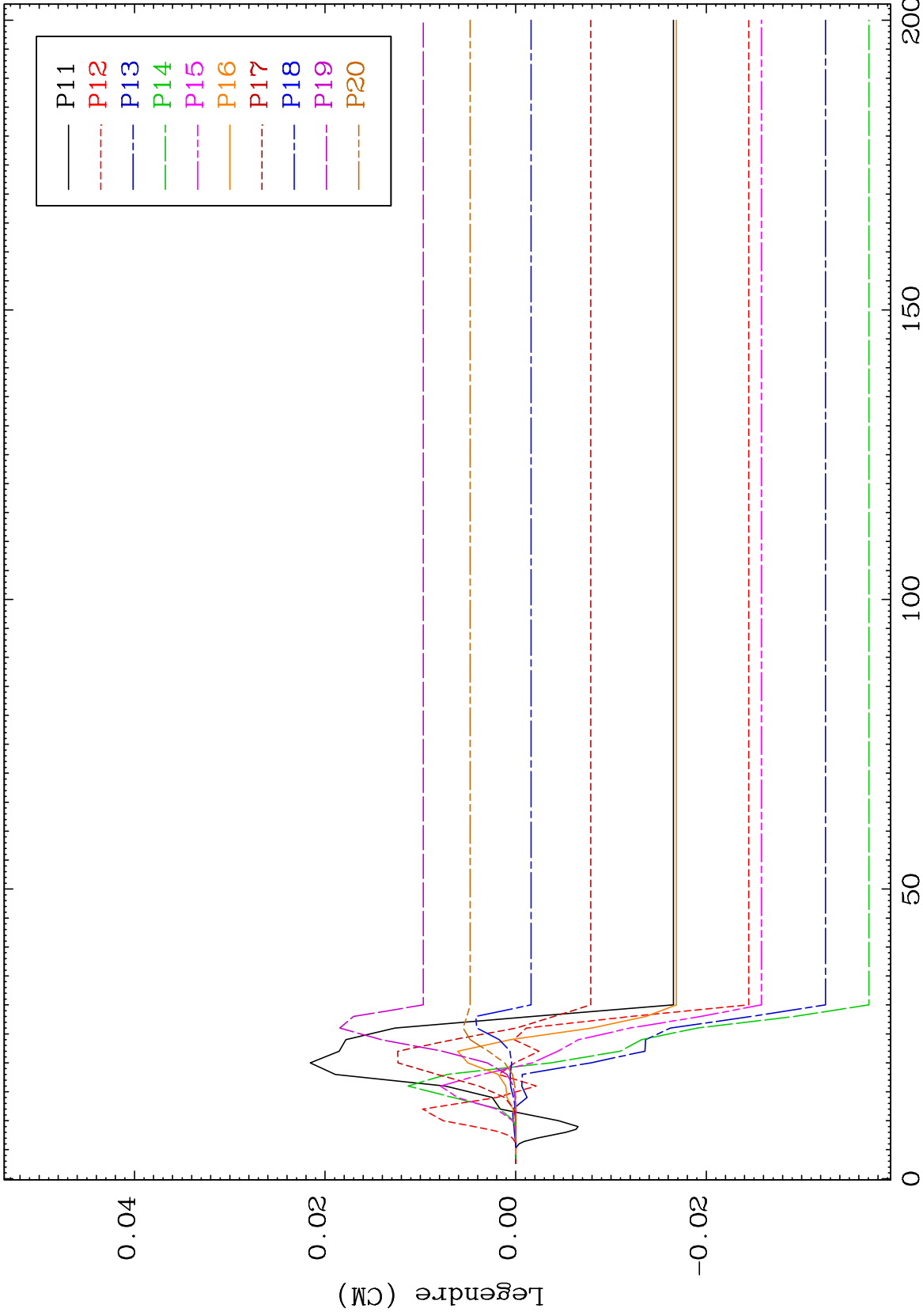
MAT 8043 MT= 77 (n,n') Level Legendre Coefficients 80-Hg-202



MAT 8043

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

80-Hg-202



121

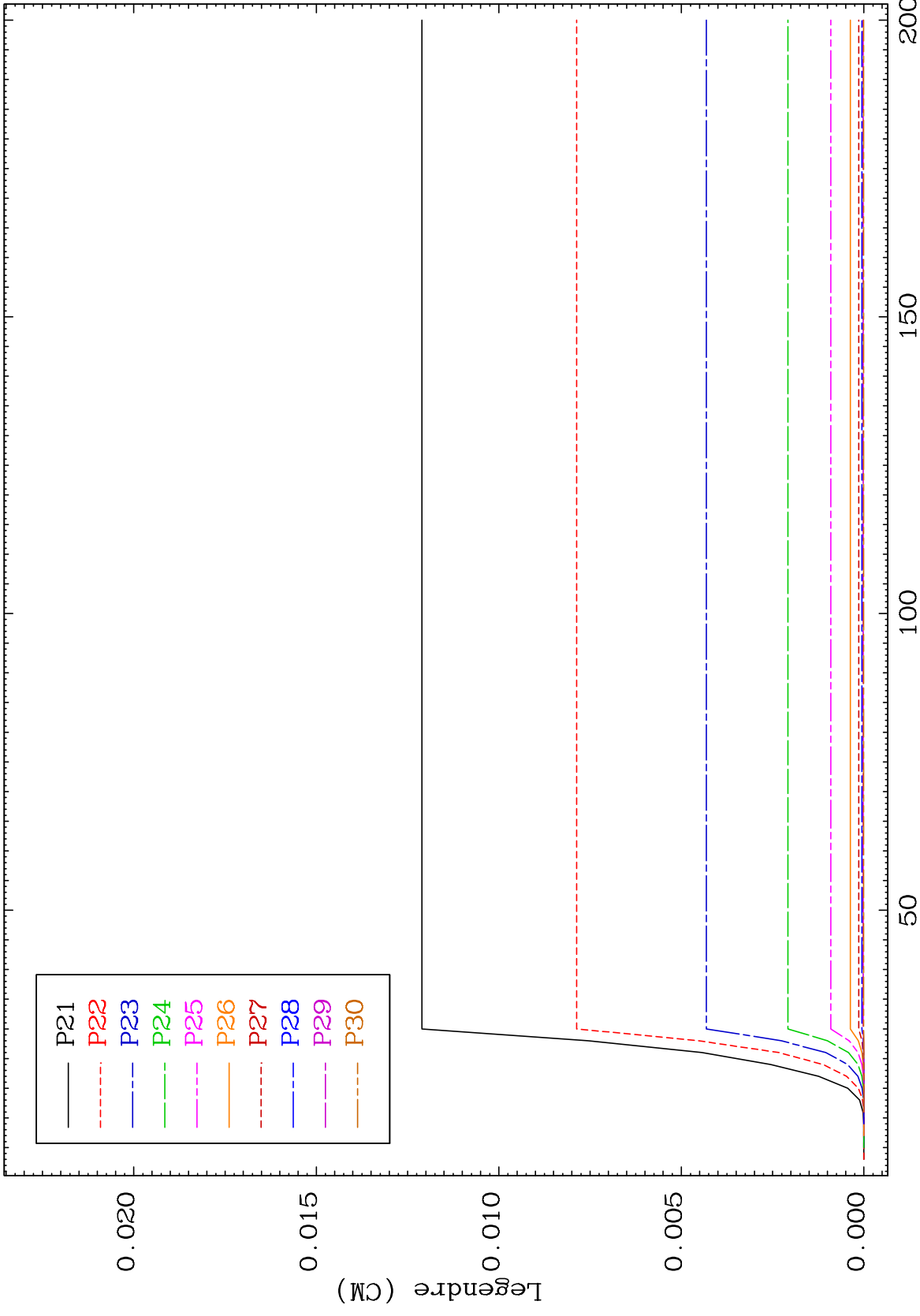
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



122

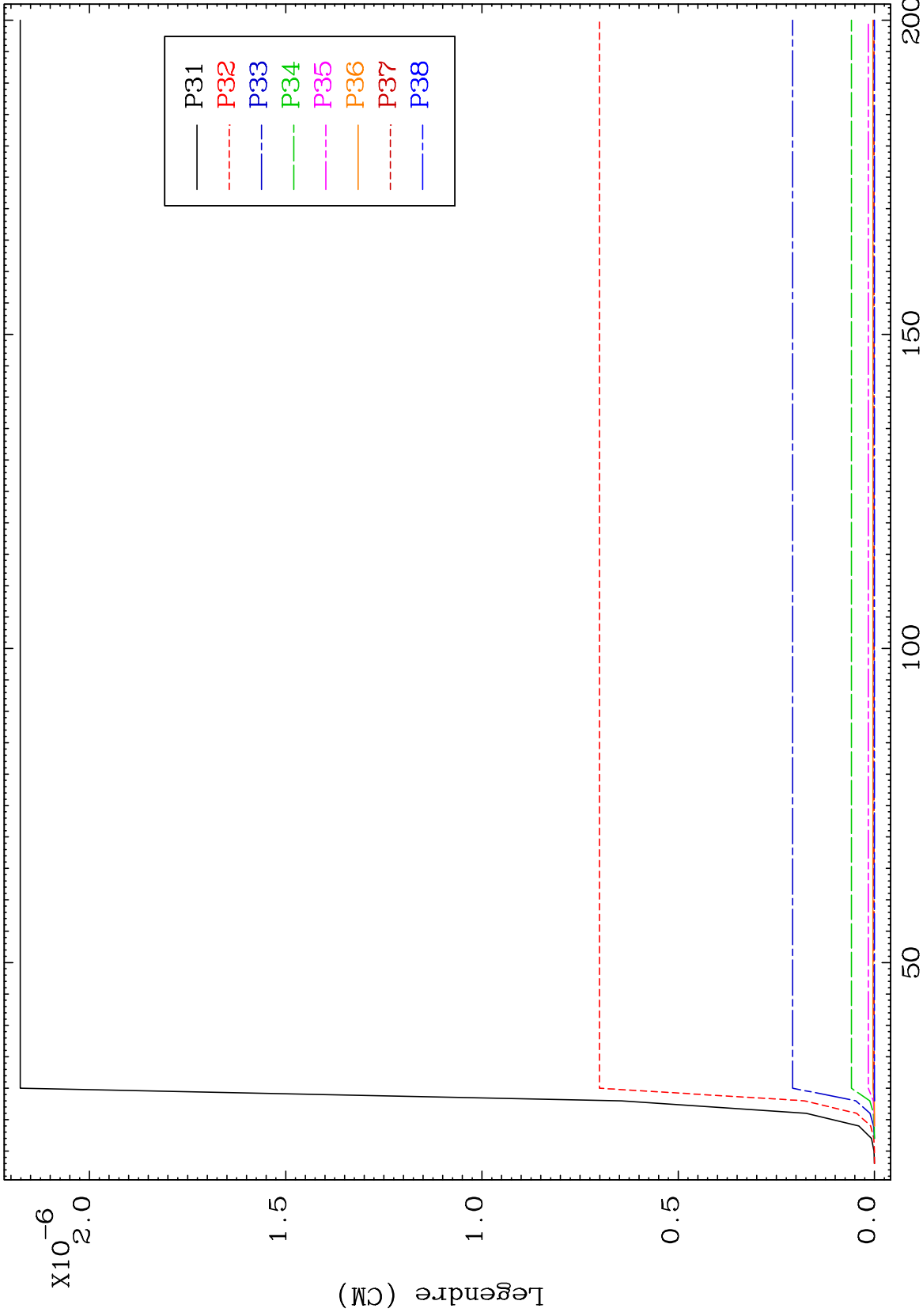
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



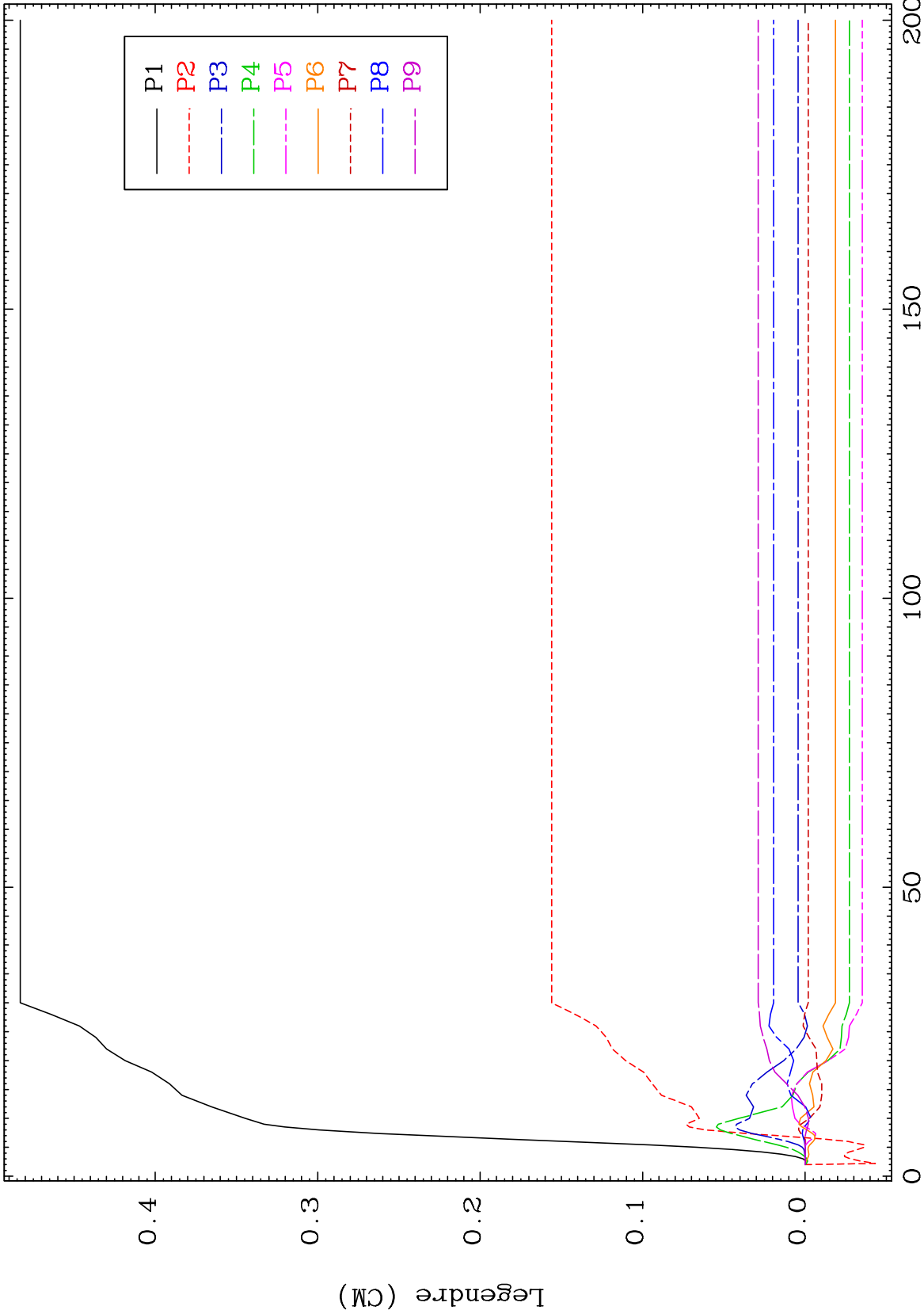
123

80-Hg-202

MAT 8043

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

80-Hg-202



80-Hg-202

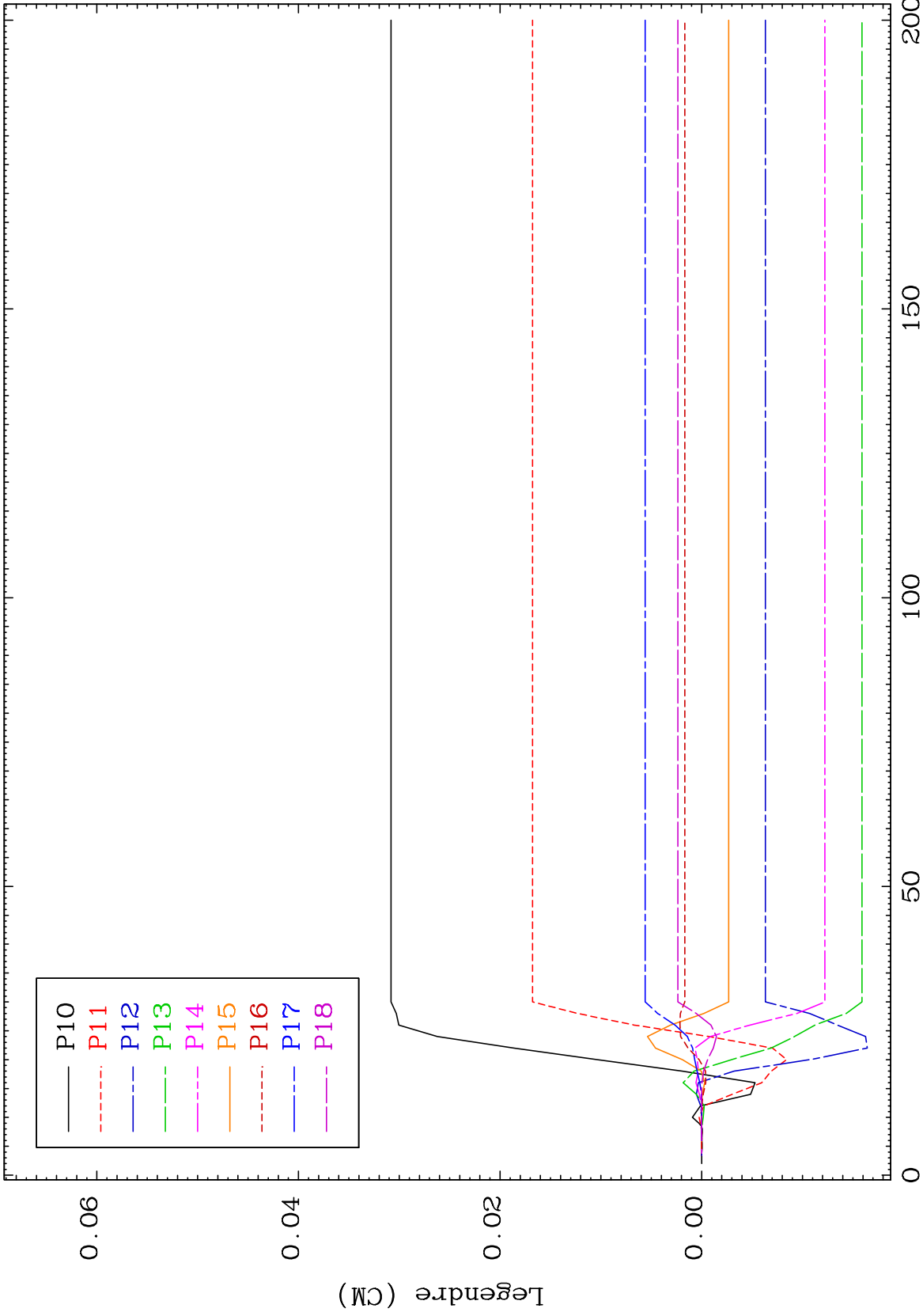
Incident Energy (MeV)

124

MAT 8043

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

80-Hg-202



125

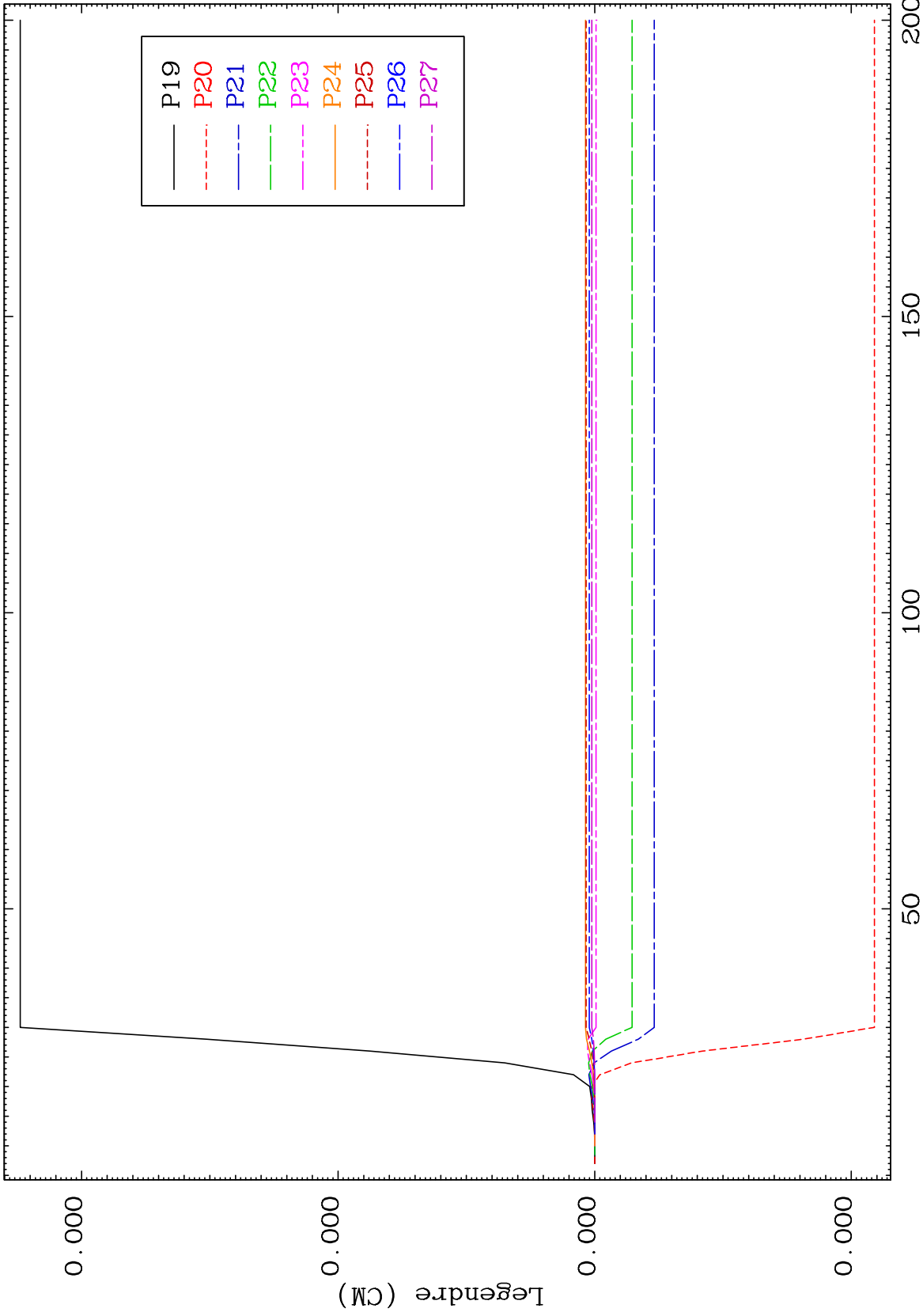
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202

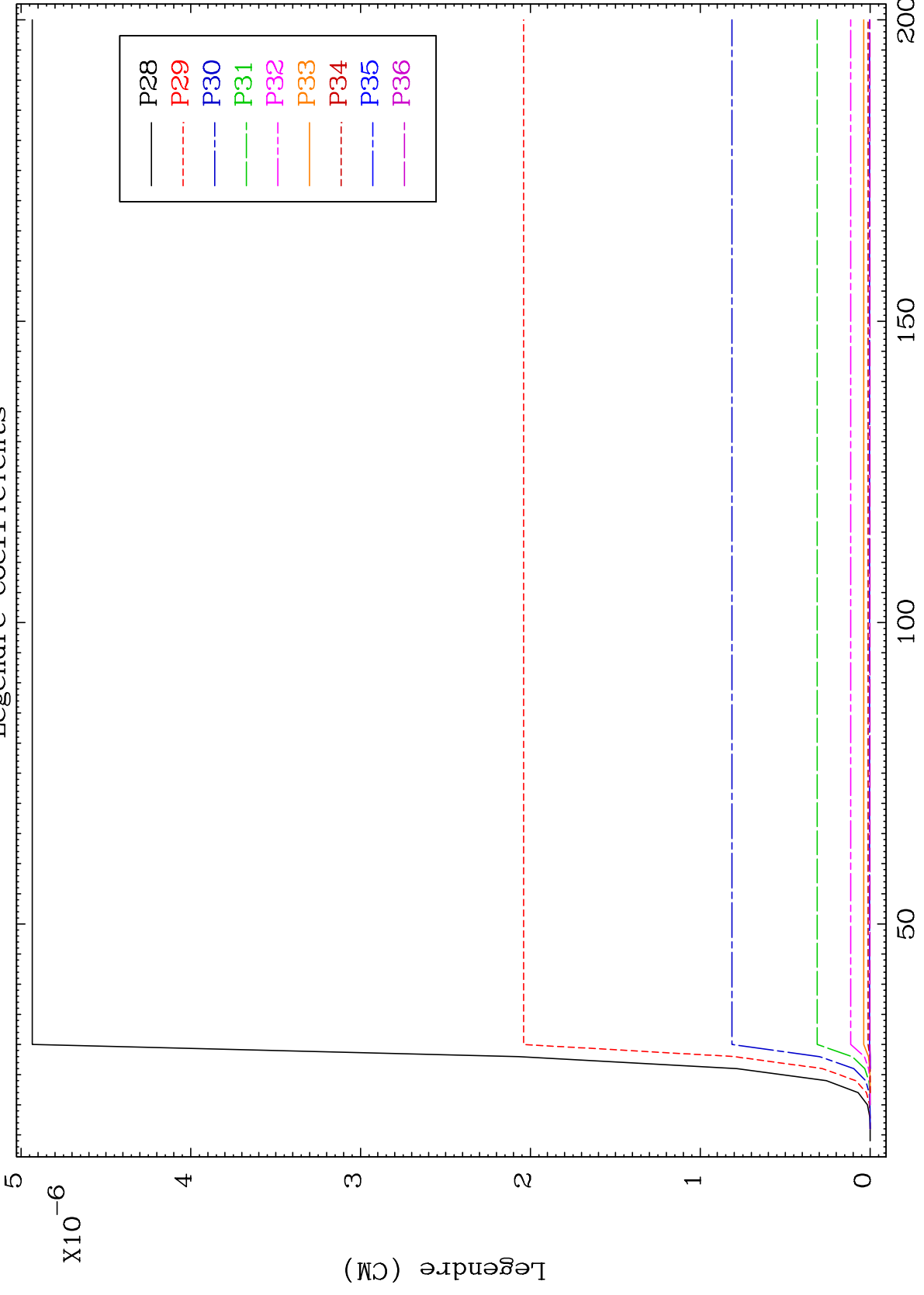


126

Incident Energy (MeV)

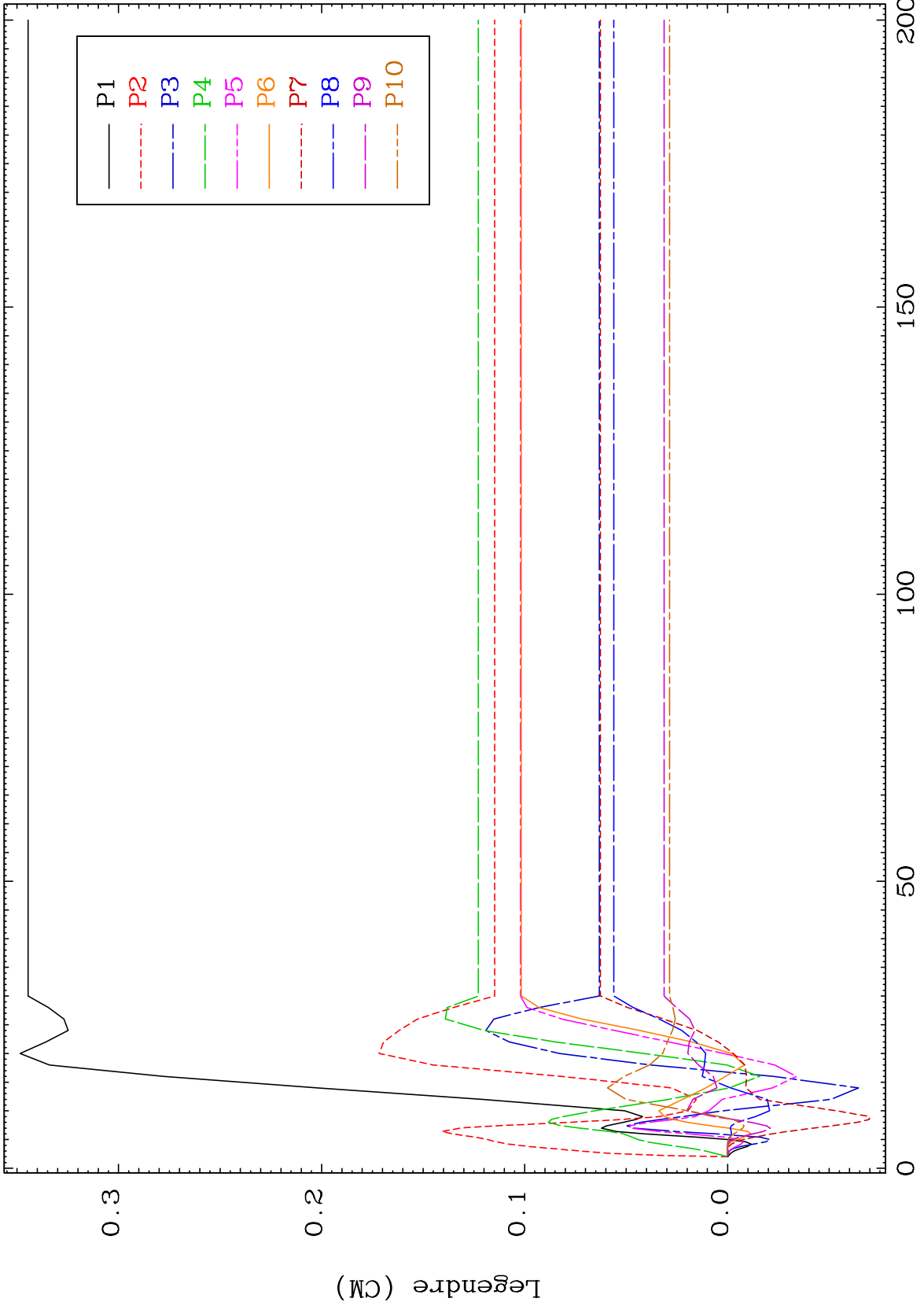
80-Hg-202

MAT 8043 MT= 79 (n,n') Level Legendre Coefficients 80-Hg-202



127 80-Hg-202

MAT 8043 MT= 80 (n,n') Level Legendre Coefficients 80-Hg-202

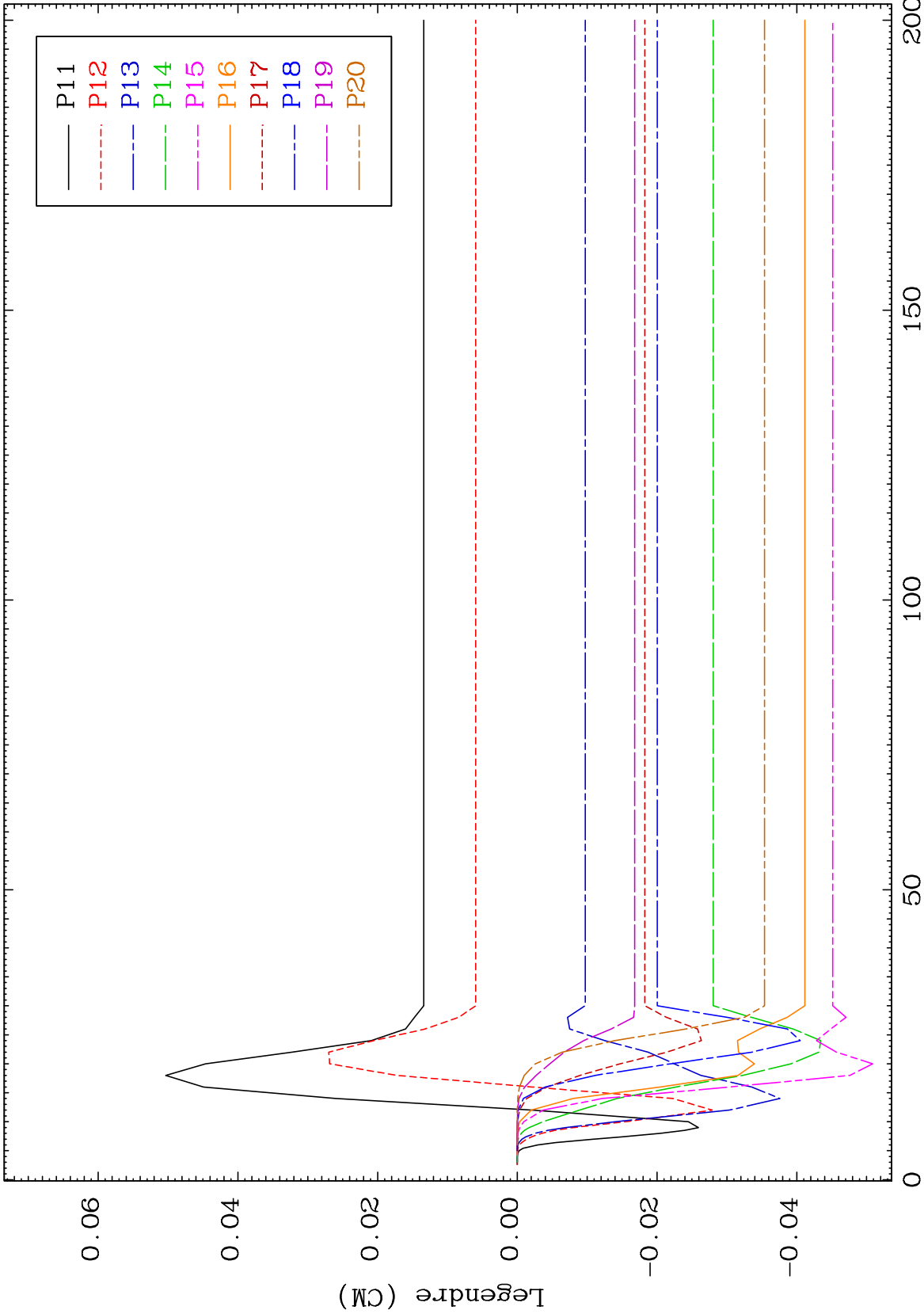


128 80-Hg-202

MAT 8043

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

80-Hg-202



129

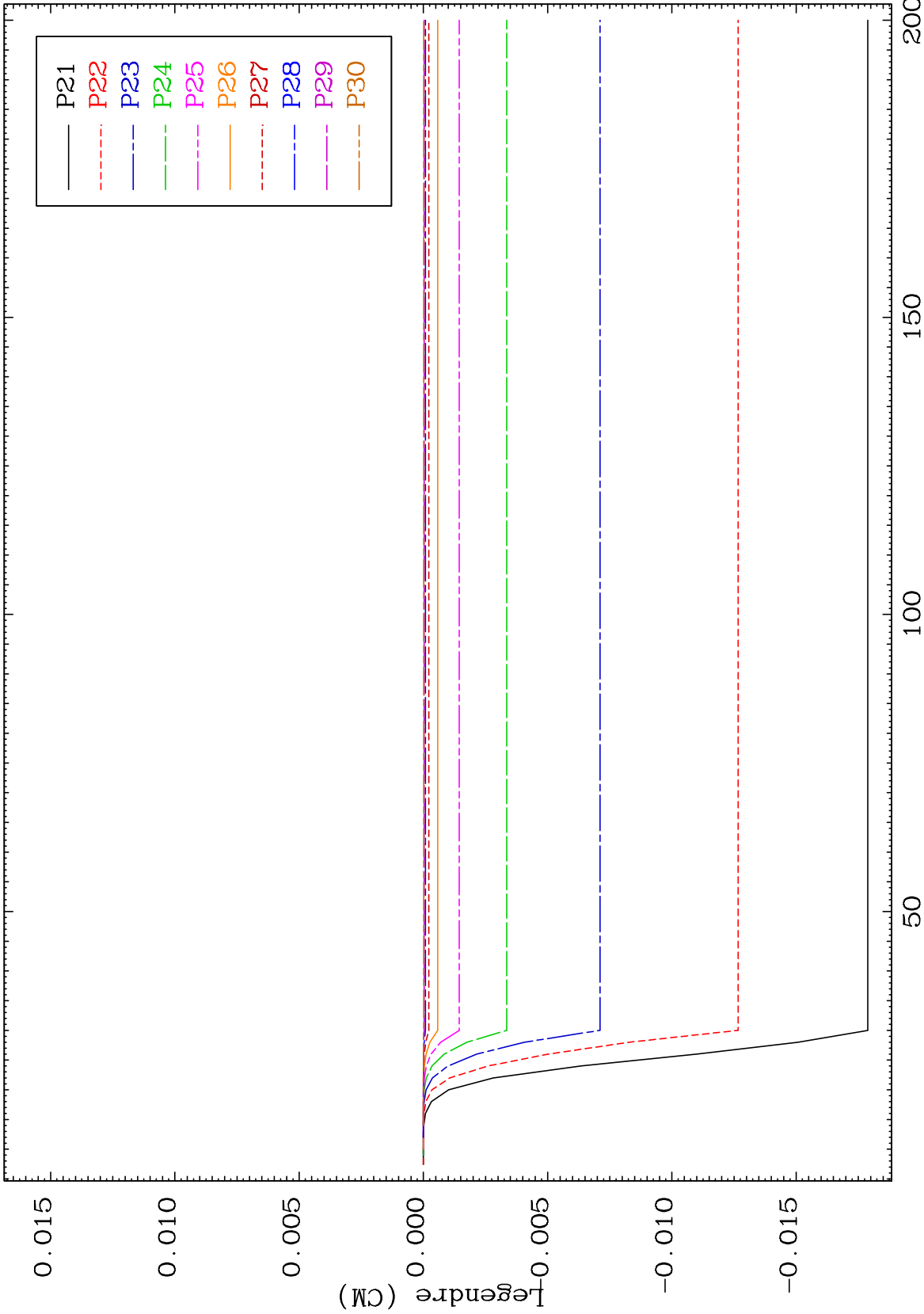
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



130

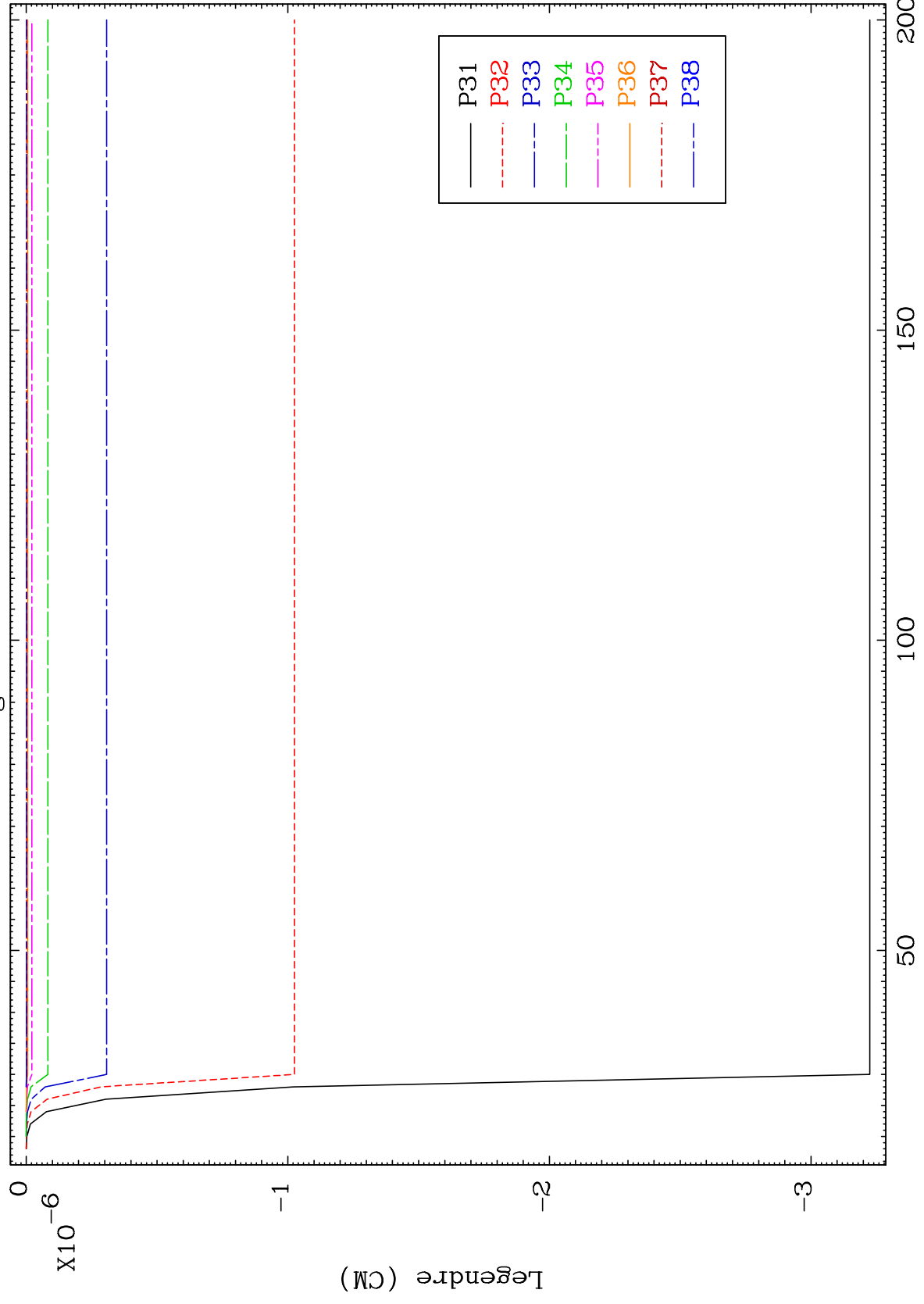
Incident Energy (MeV)

80-Hg-202

MAT 8043

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

80-Hg-202



80-Hg-202

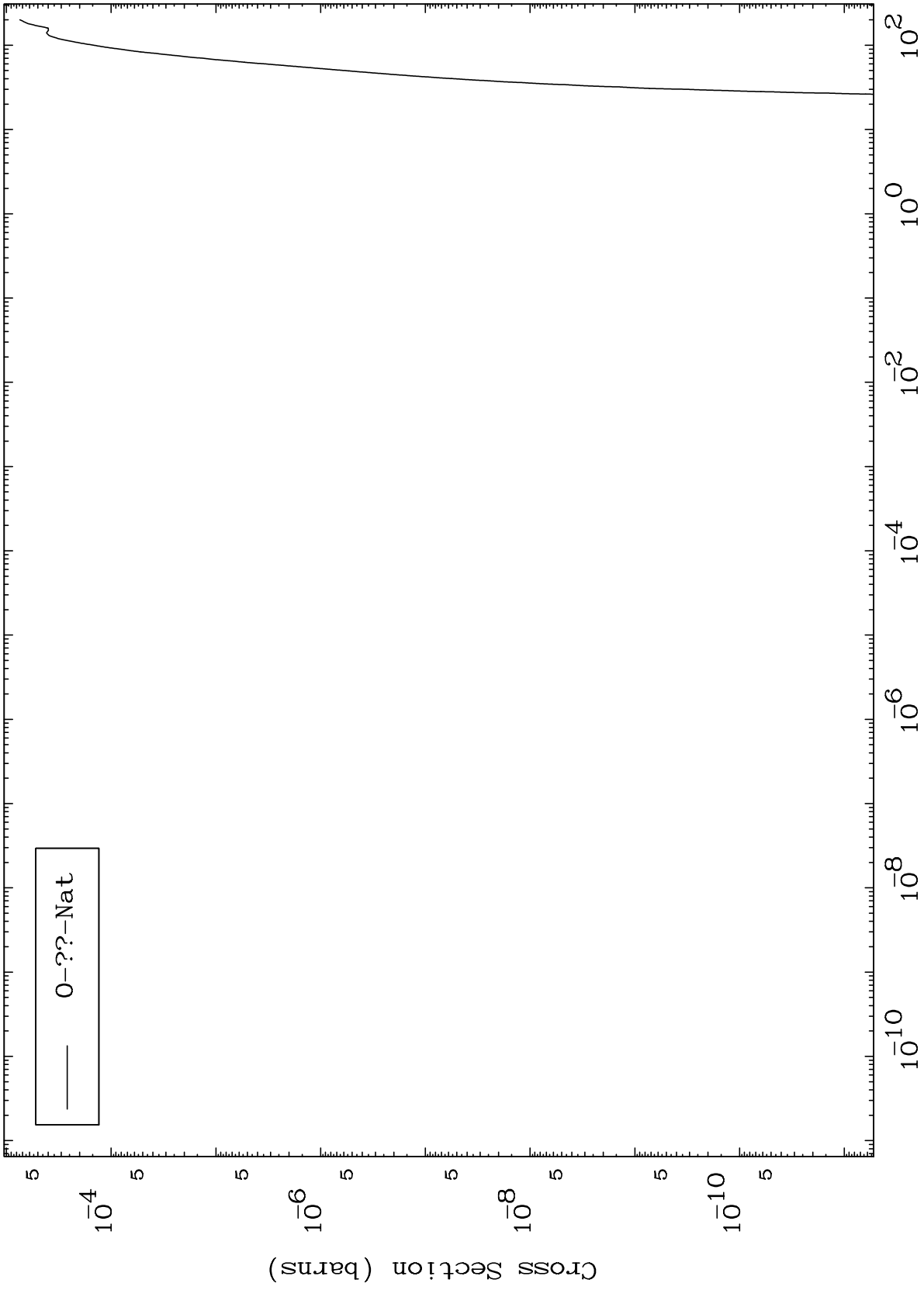
Incident Energy (MeV)

131

MAT 8043

Fission
Radionuclide Production Cross Section

80-Hg-202



132

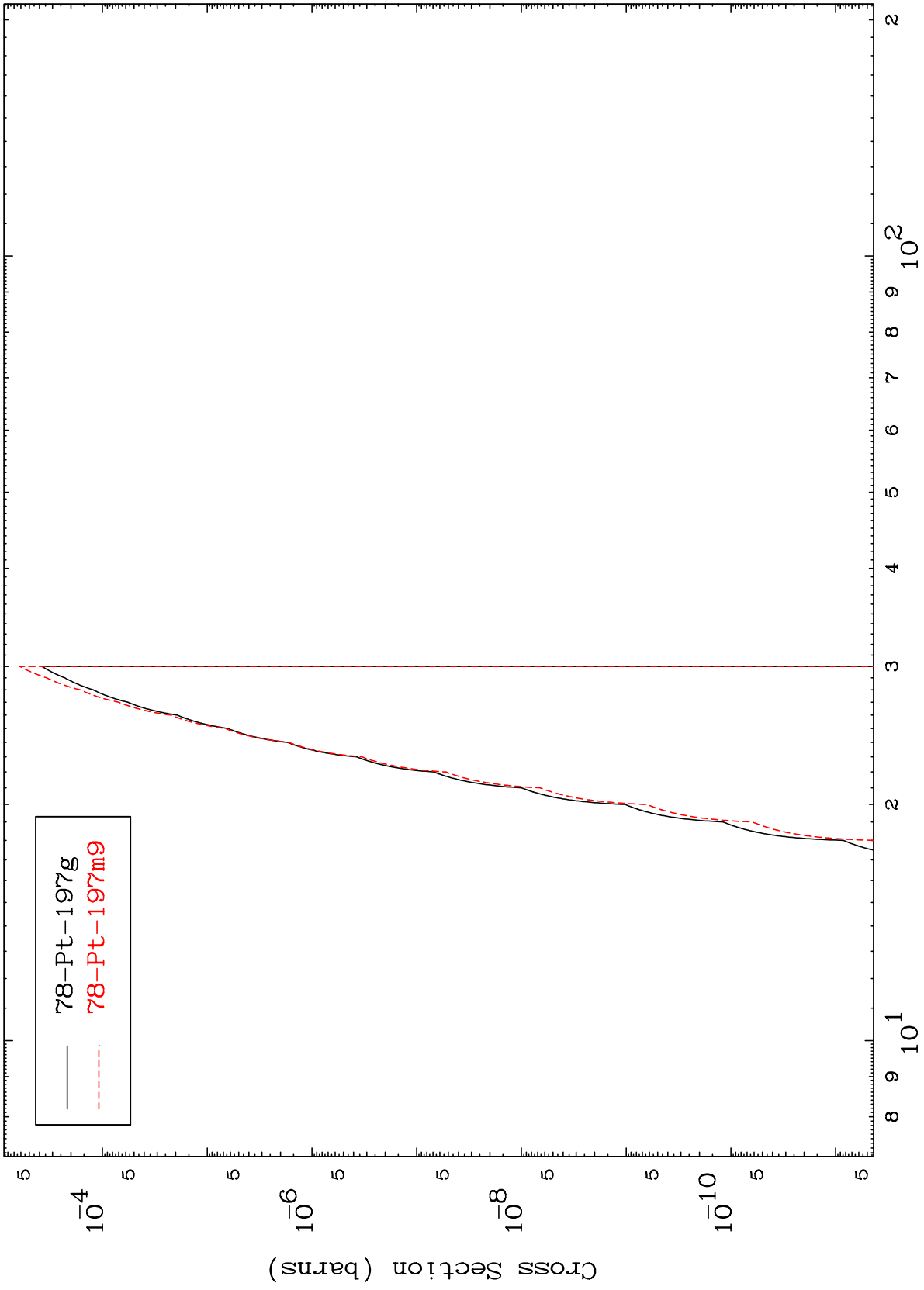
80-Hg-202

MAT 8043

(n,2n) α

80-Hg-202

Radionuclide Production Cross Section



133

Incident Energy (MeV)

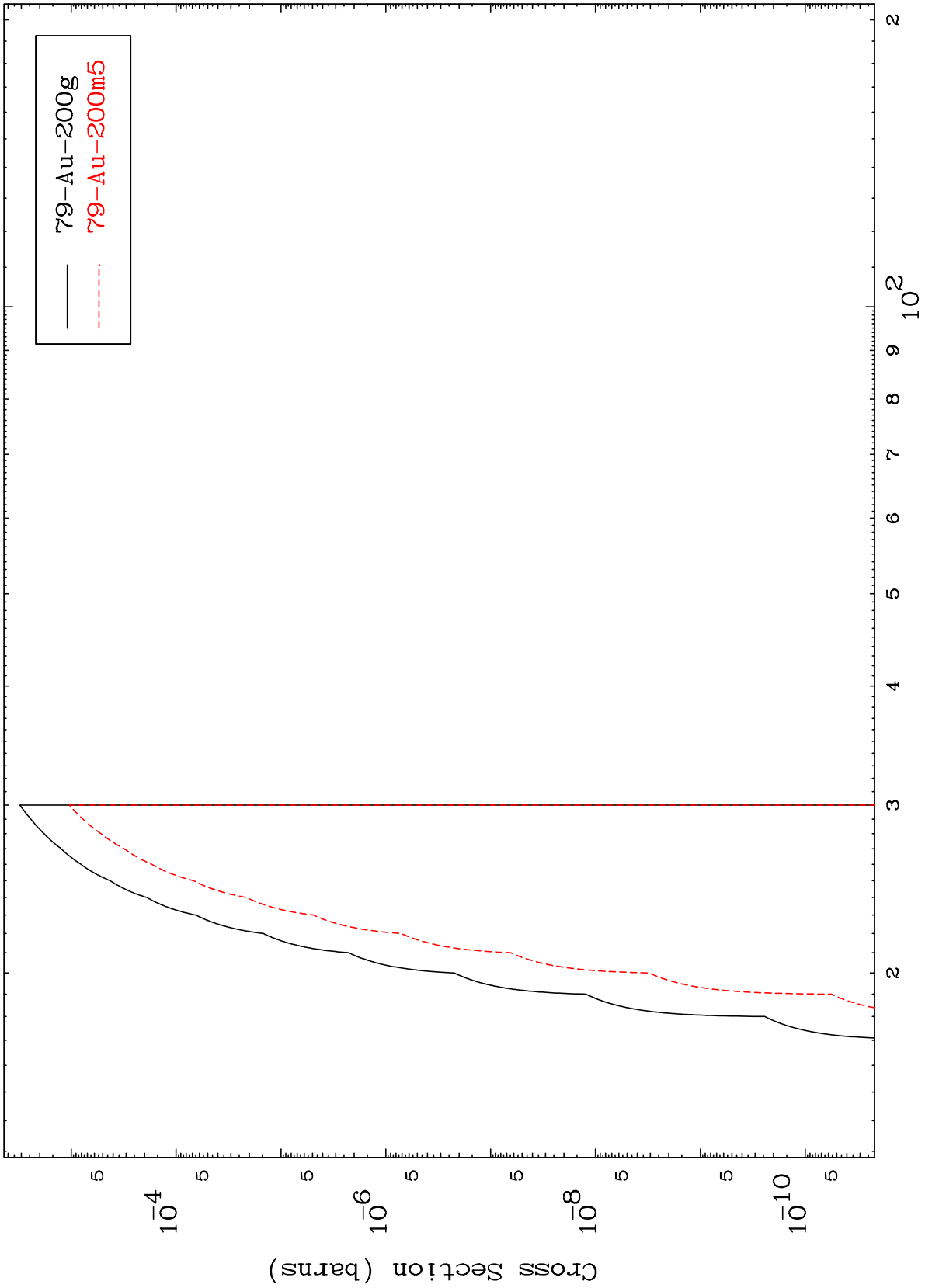
80-Hg-202

MAT 8043

(n,n') d

80-Hg-202

Radionuclide Production Cross Section



134

Incident Energy (MeV)

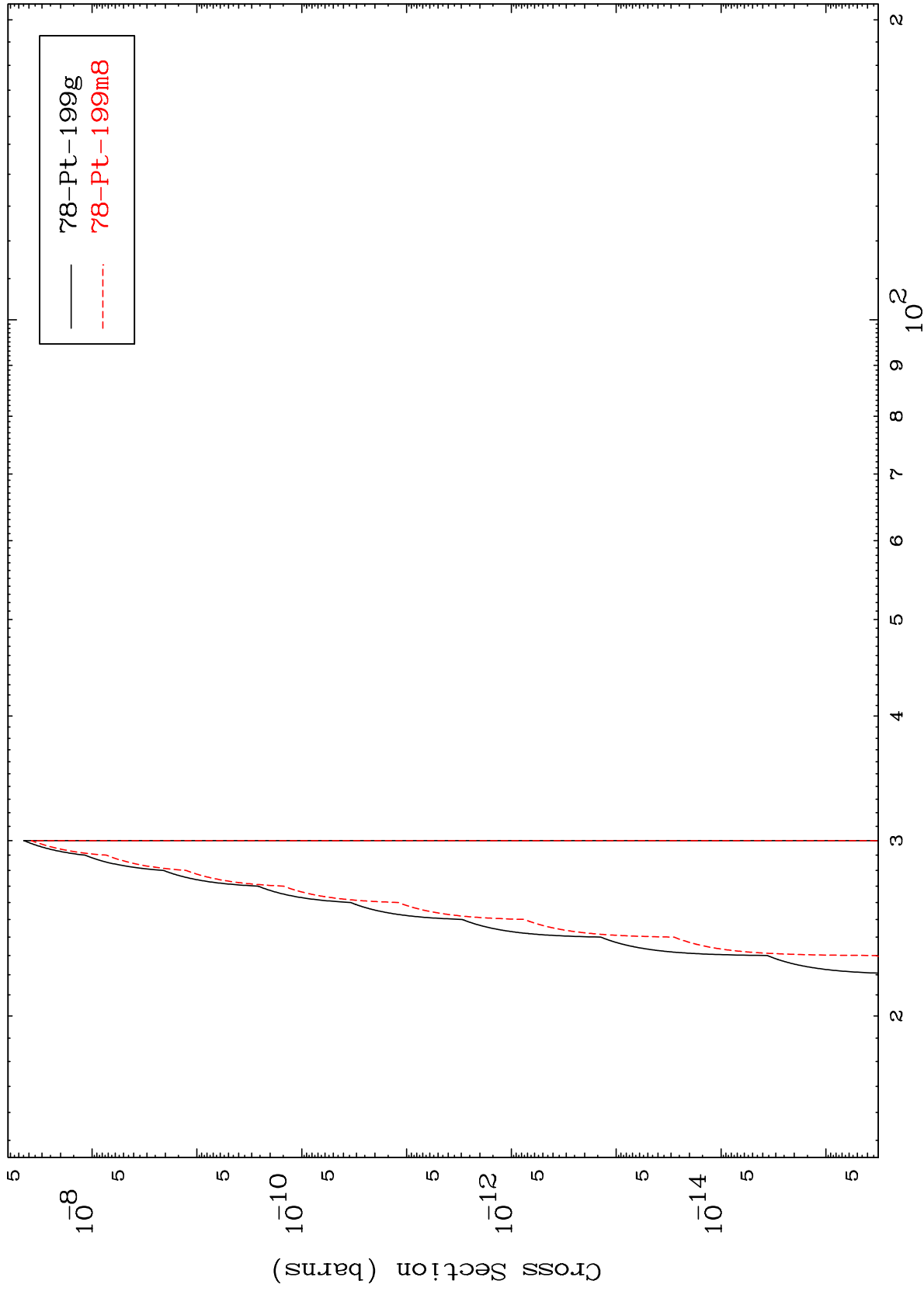
80-Hg-202

MAT 8043

(n, n') He-3

80-Hg-202

Radionuclide Production Cross Section



135

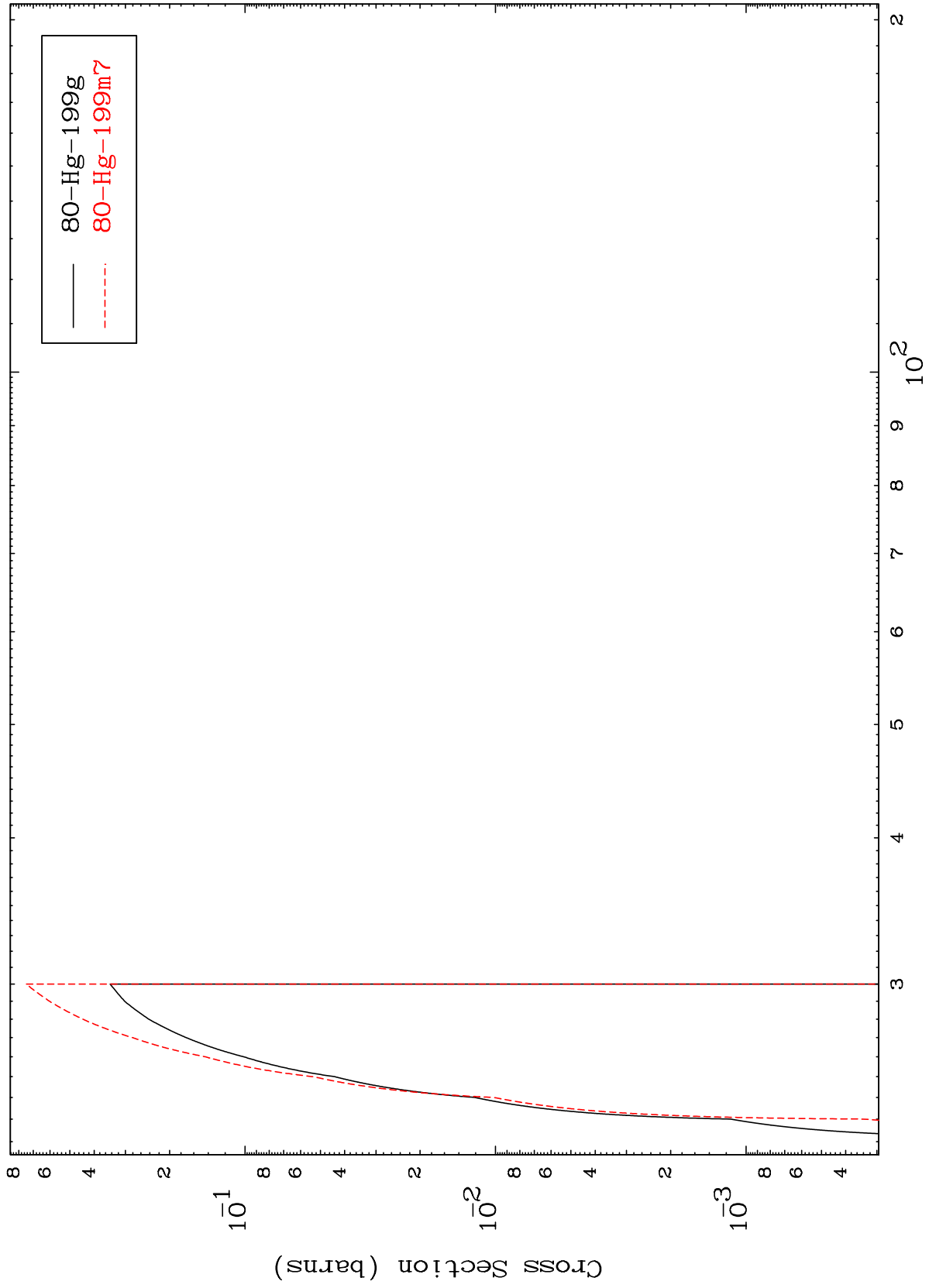
Incident Energy (MeV)

80-Hg-202

MAT 8043

80-Hg-202

(n,4n)
Radionuclide Production Cross Section



136

80-Hg-202

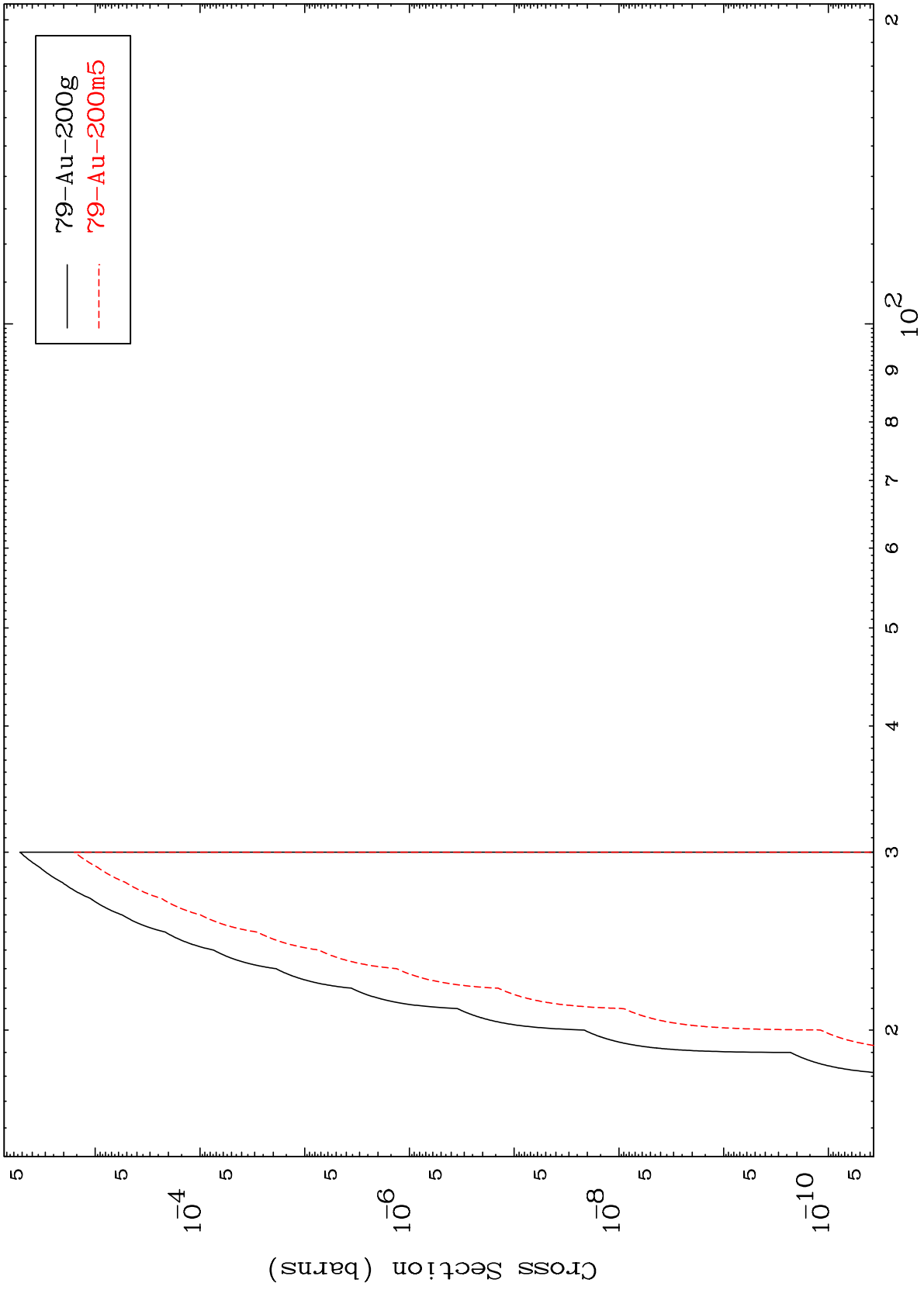
Incident Energy (MeV)

MAT 8043

(n,2n) p

80-Hg-202

Radionuclide Production Cross Section



137

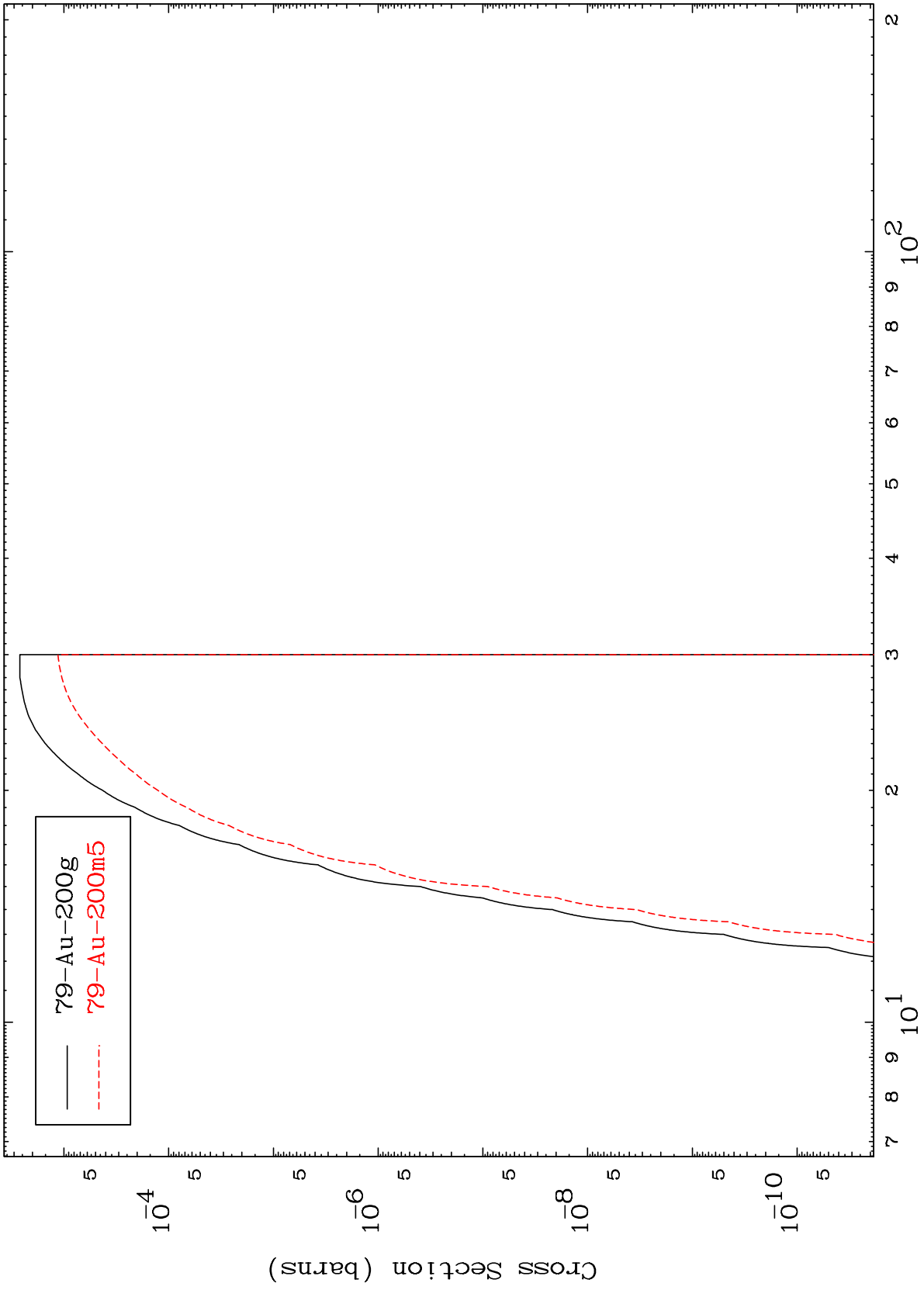
Incident Energy (MeV)

80-Hg-202

MAT 8043

80-Hg-202

(n, t)
Radionuclide Production Cross Section



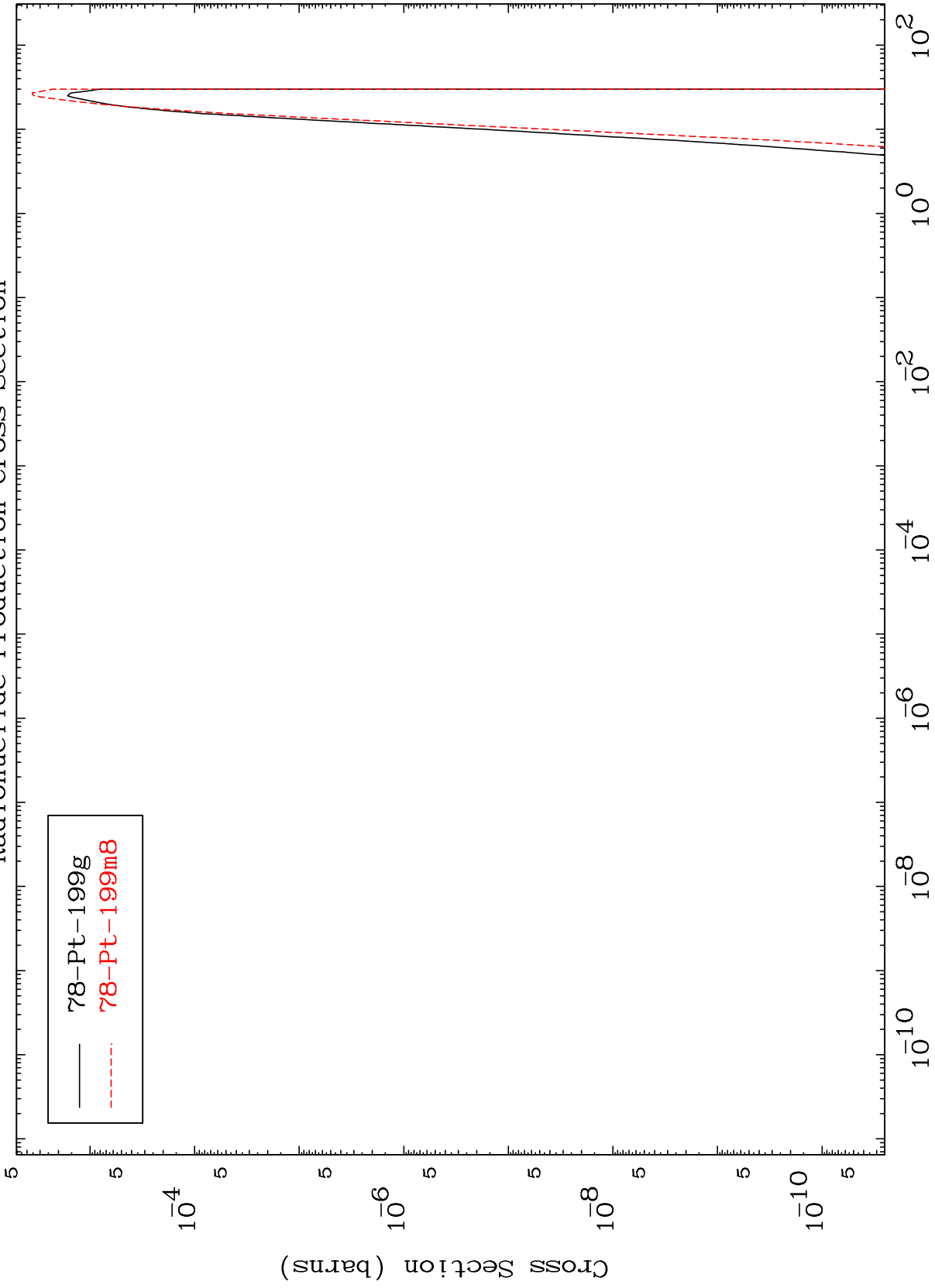
138

80-Hg-202

MAT 8043

(n, α)
Radionuclide Production Cross Section

80-Hg-202



139

Incident Energy (MeV)

80-Hg-202