

Program EVALPLOT
(Version 2017-1)

by

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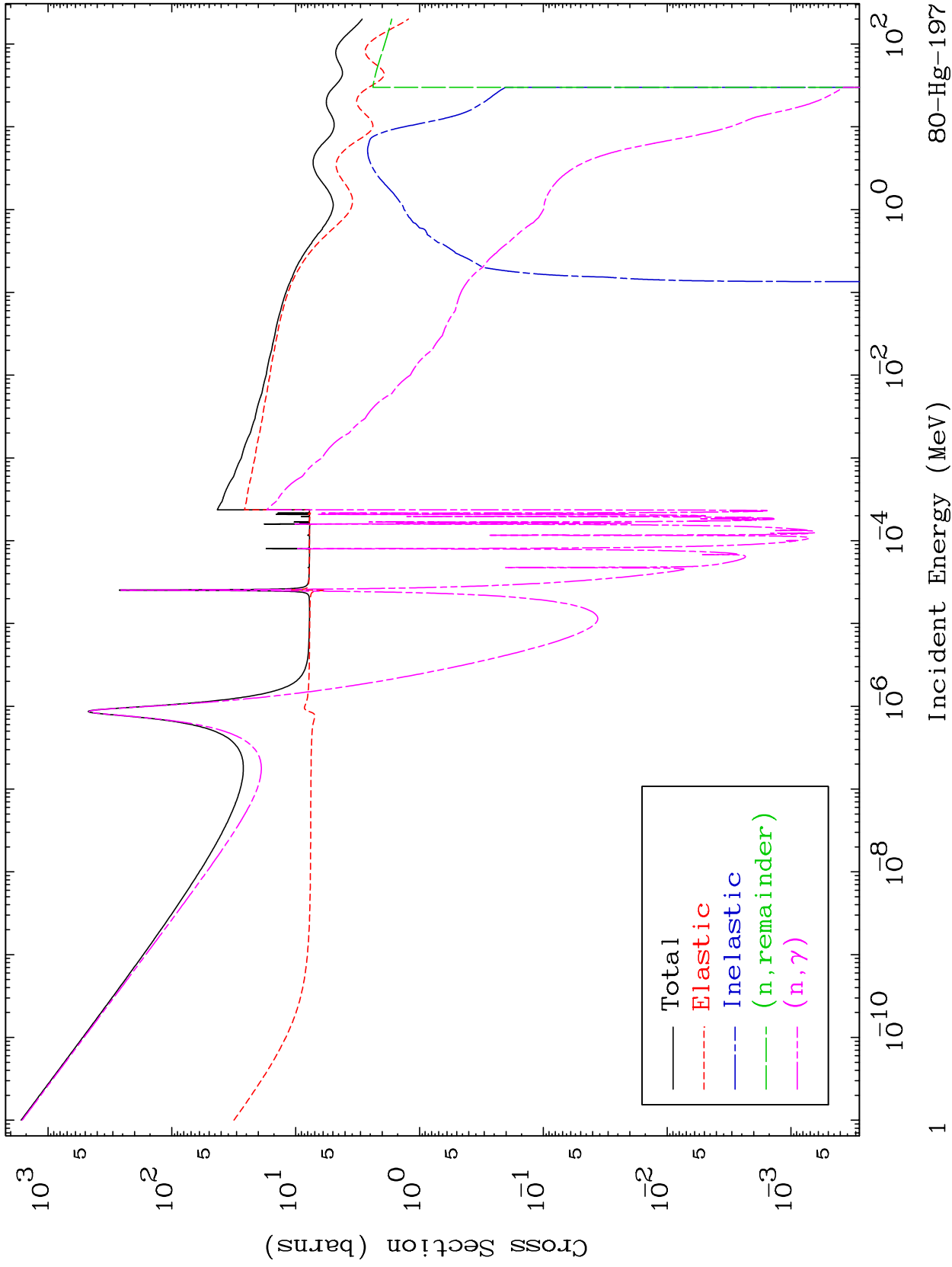
Press Mouse Button to Start

MAT 8028

Major

293 Kelvin Cross Sections

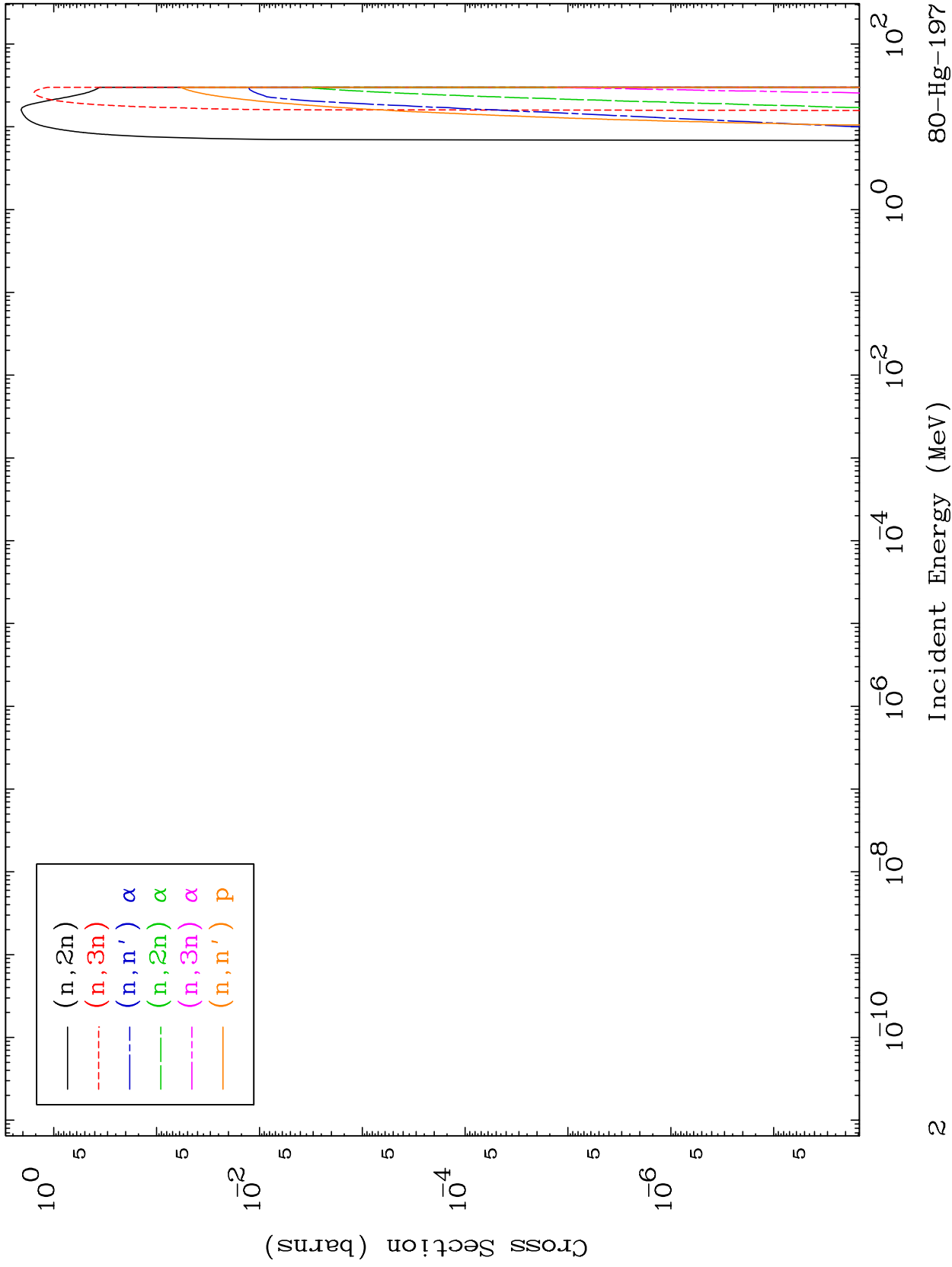
80-Hg-197

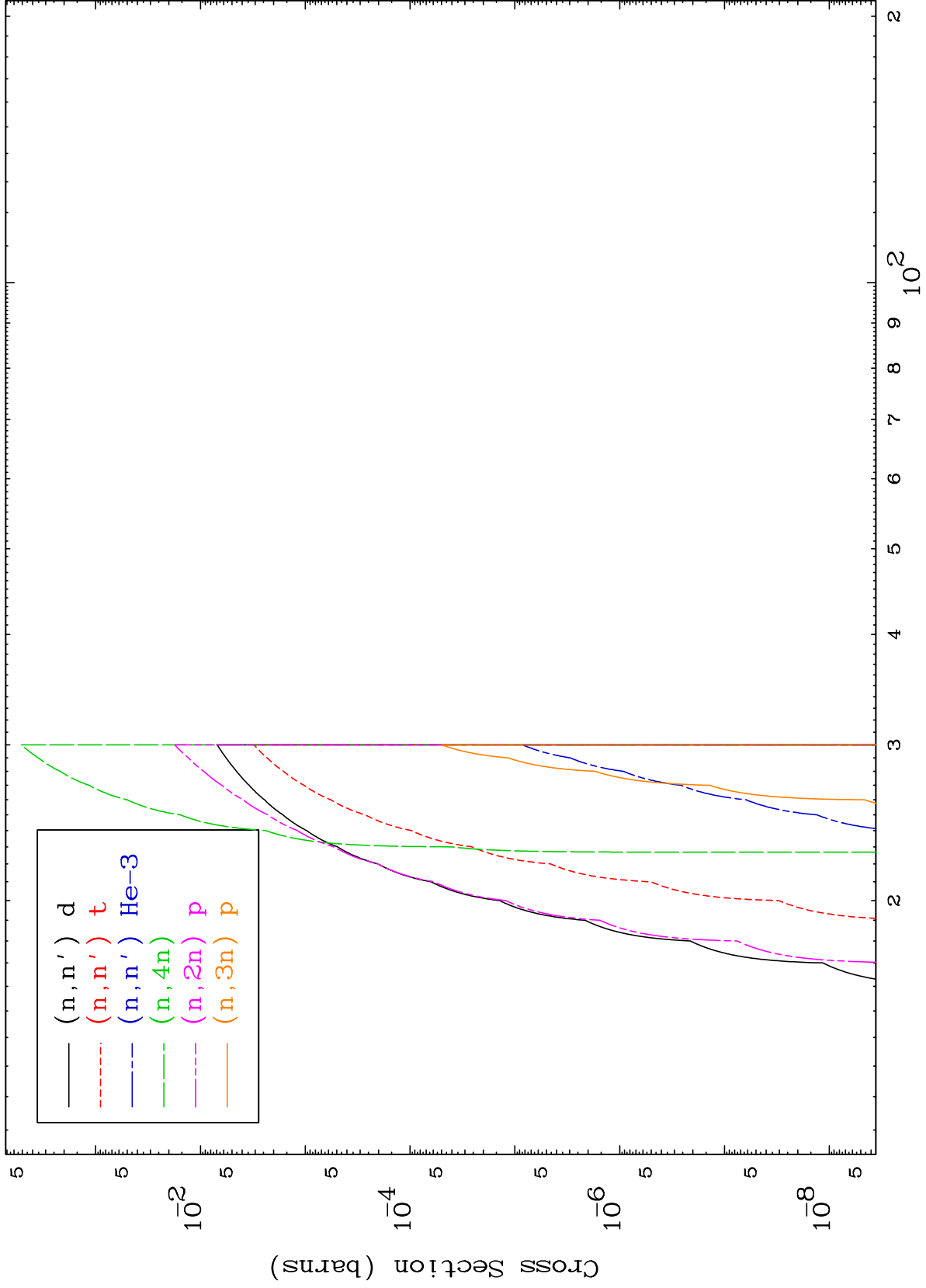


MAT 8028

Neutron Production
293 Kelvin Cross Sections

80-Hg-197

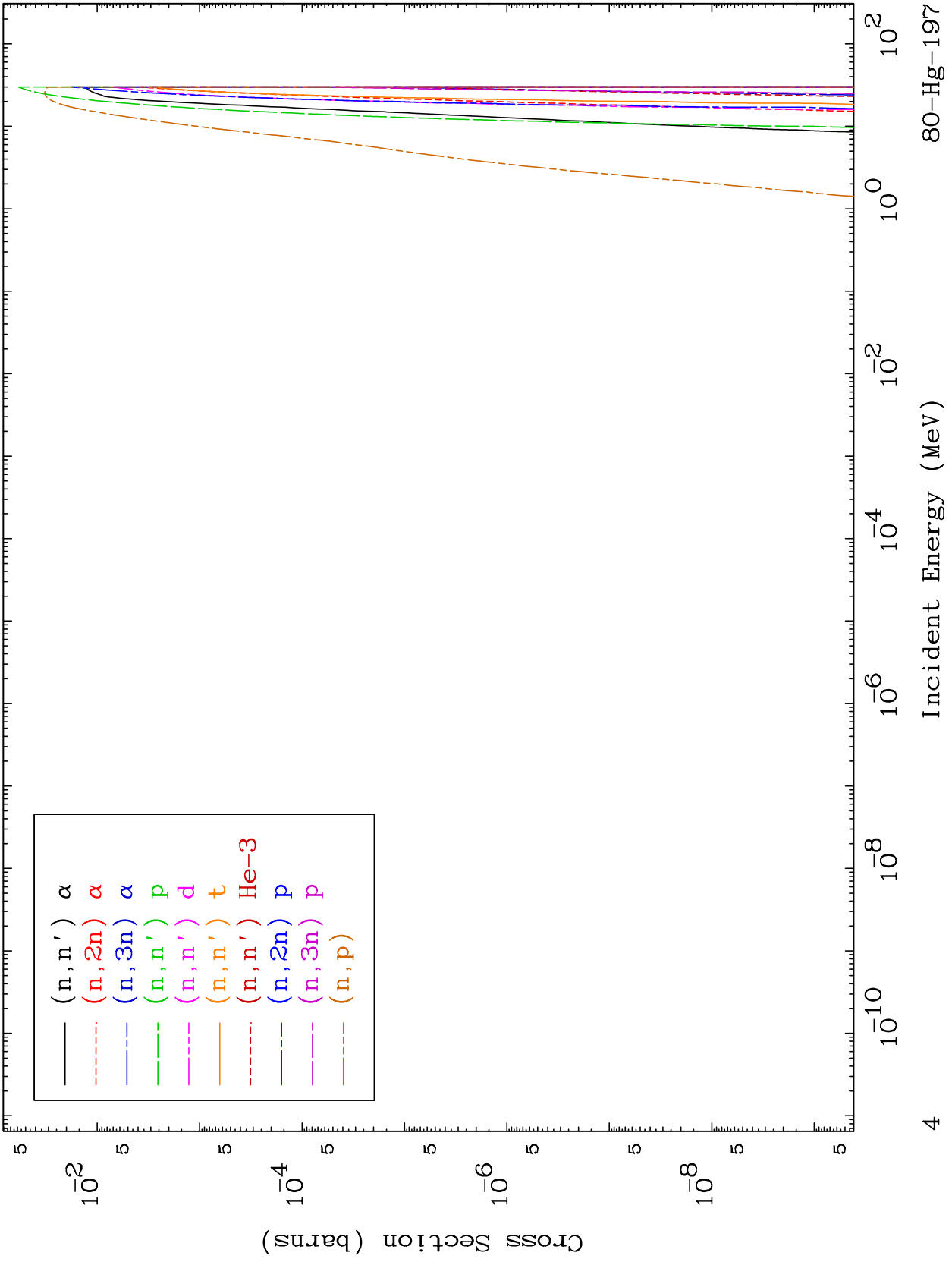




MAT 8028

Charged Particle
293 Kelvin Cross Sections

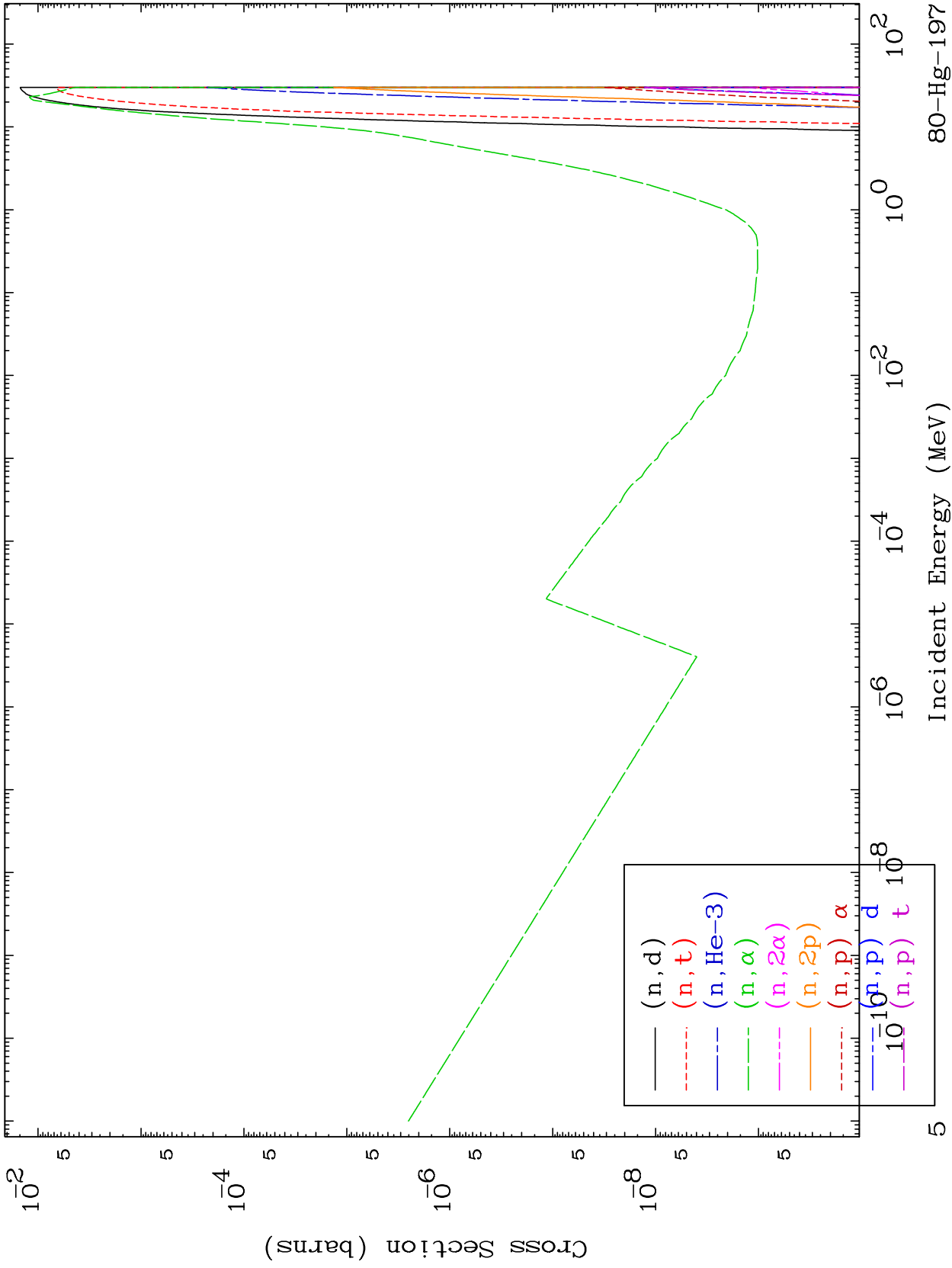
80-Hg-197

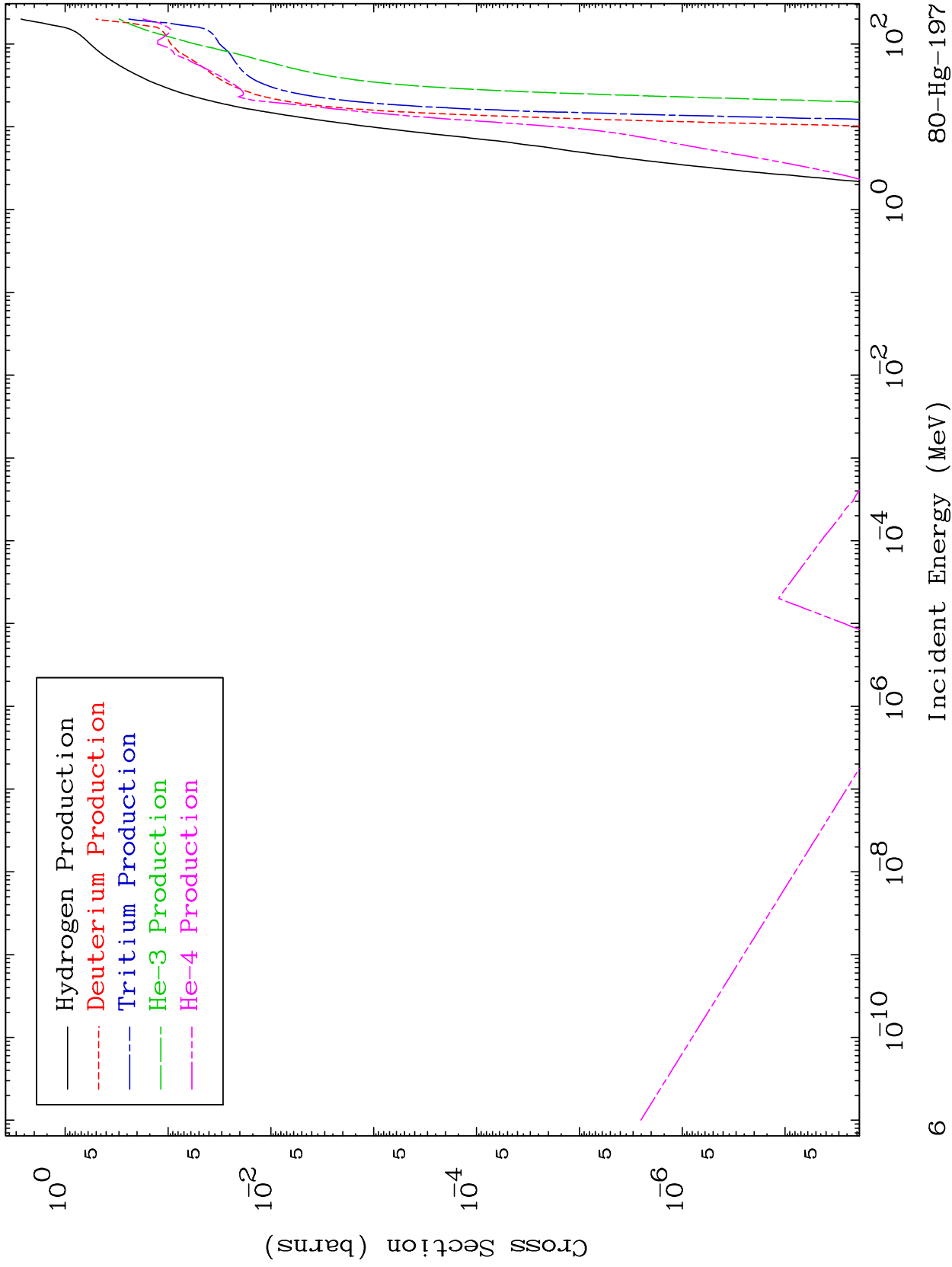


MAT 8028

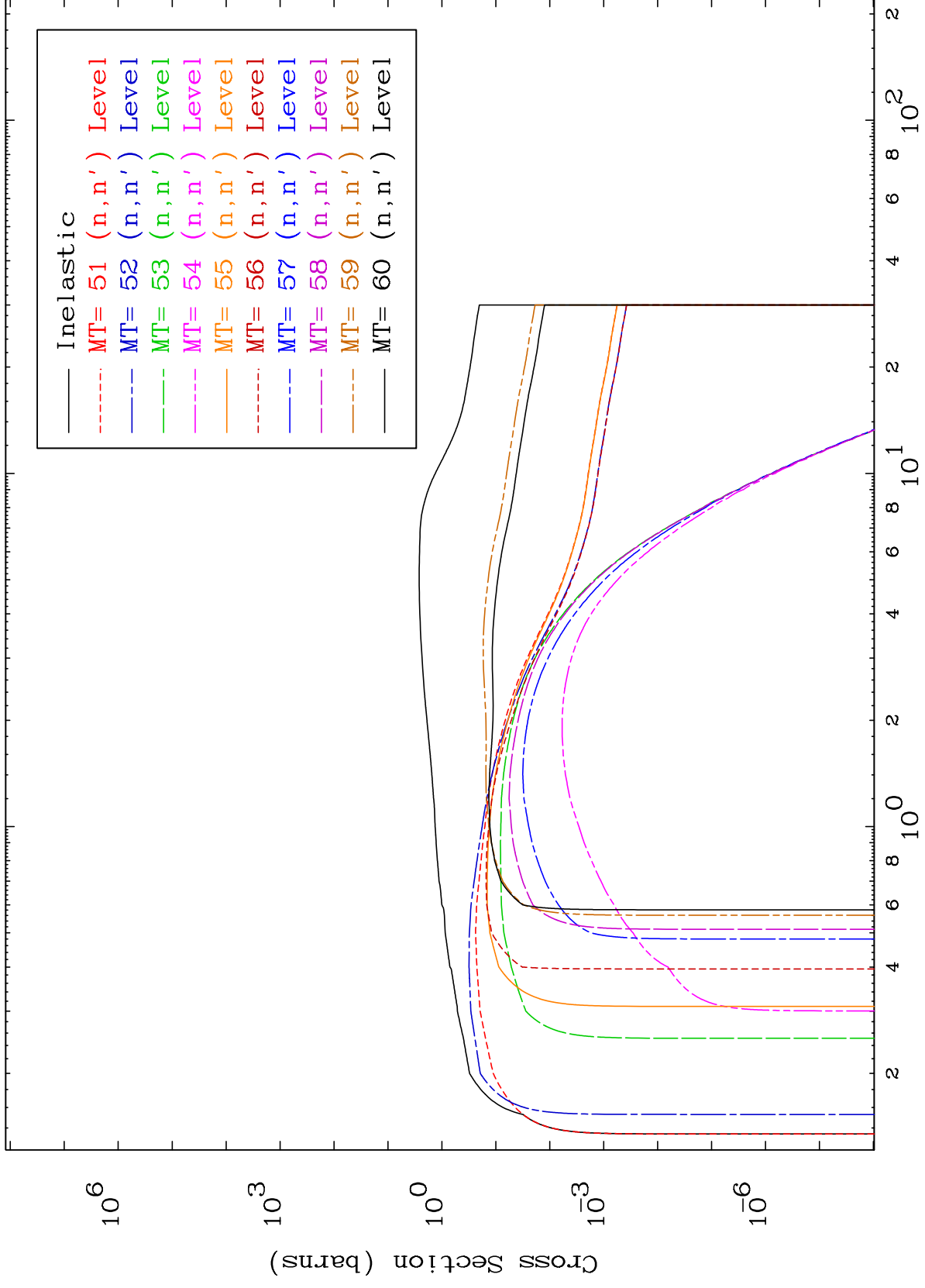
Charged Particle
293 Kelvin Cross Sections

80-Hg-197





293 Kelvin Cross Sections

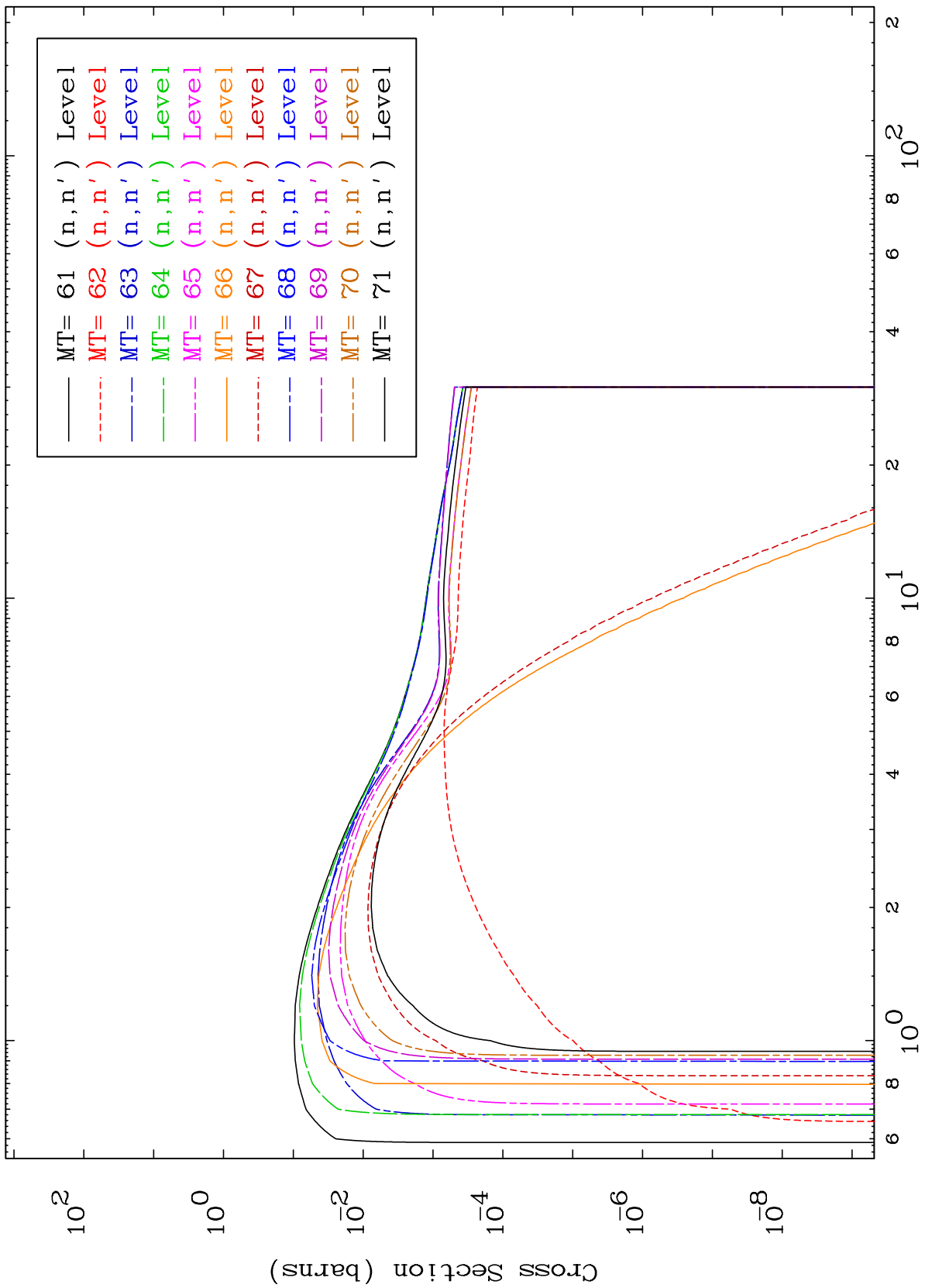


MAT 8028

(n,n') Level

80-Hg-197

293 Kelvin Cross Sections



8

Incident Energy (MeV)

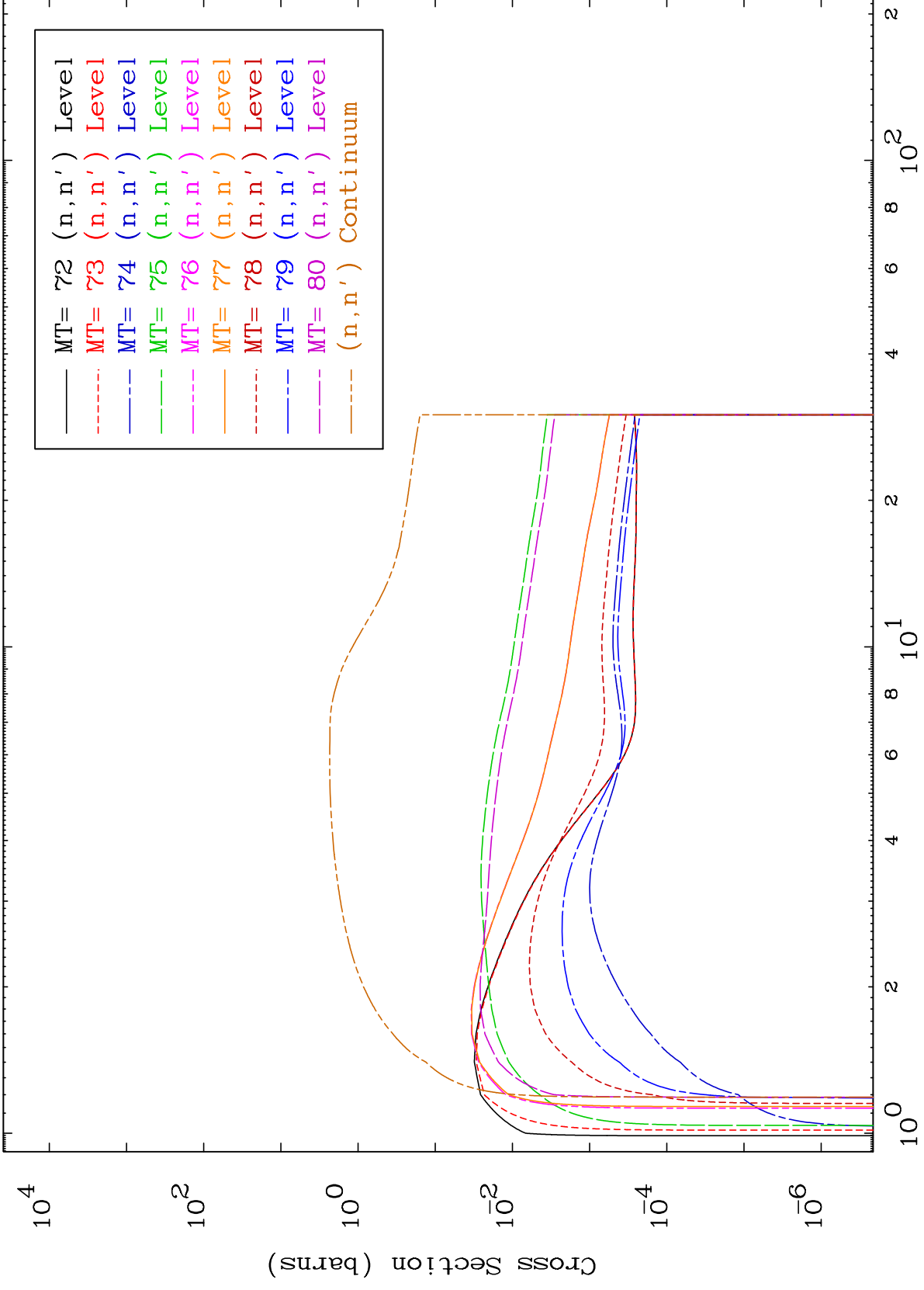
80-Hg-197

MAT 8028

(n,n') Level

80-Hg-197

293 Kelvin Cross Sections



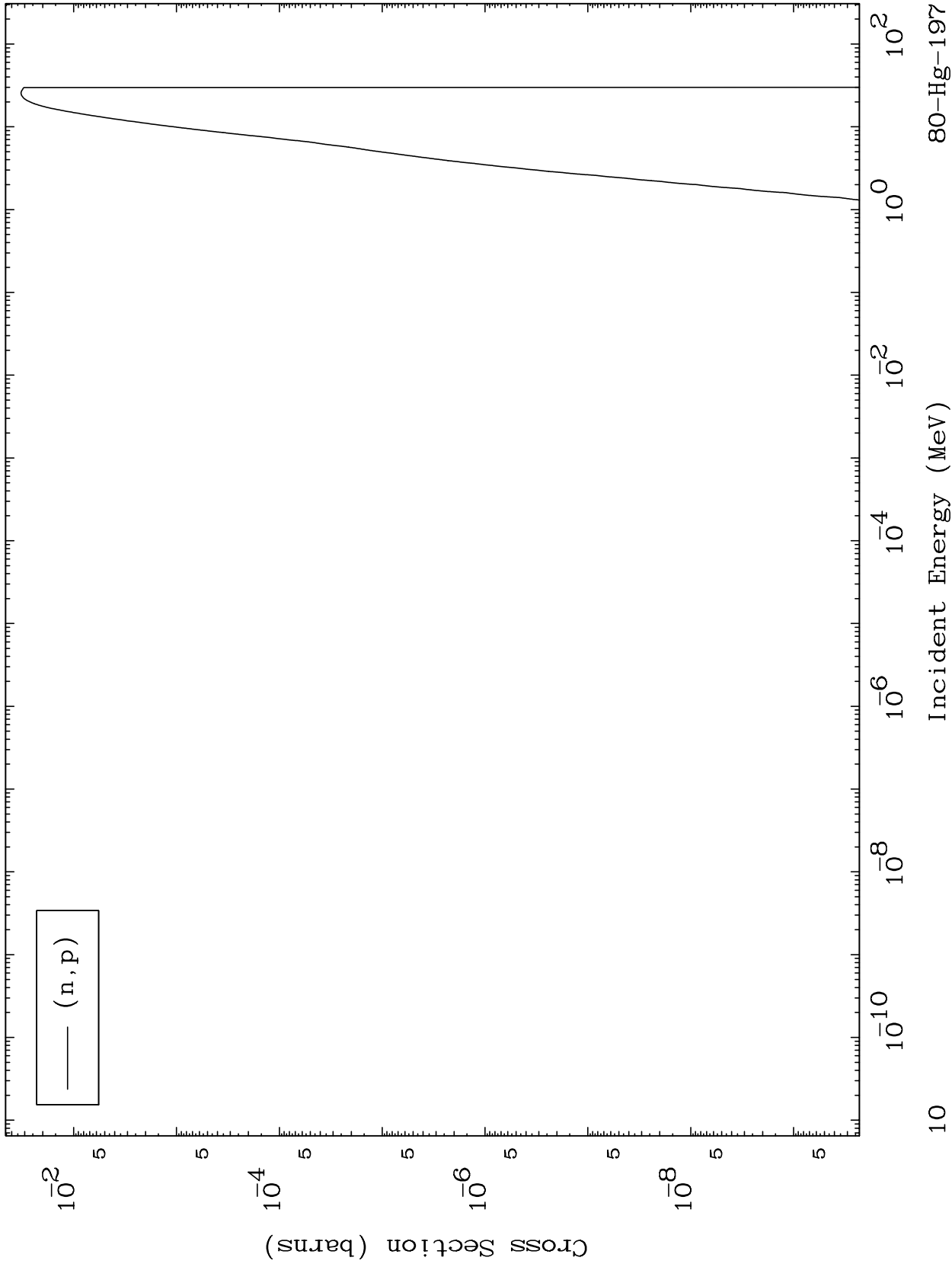
Incident Energy (MeV)

80-Hg-197

MAT 8028

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-197



10

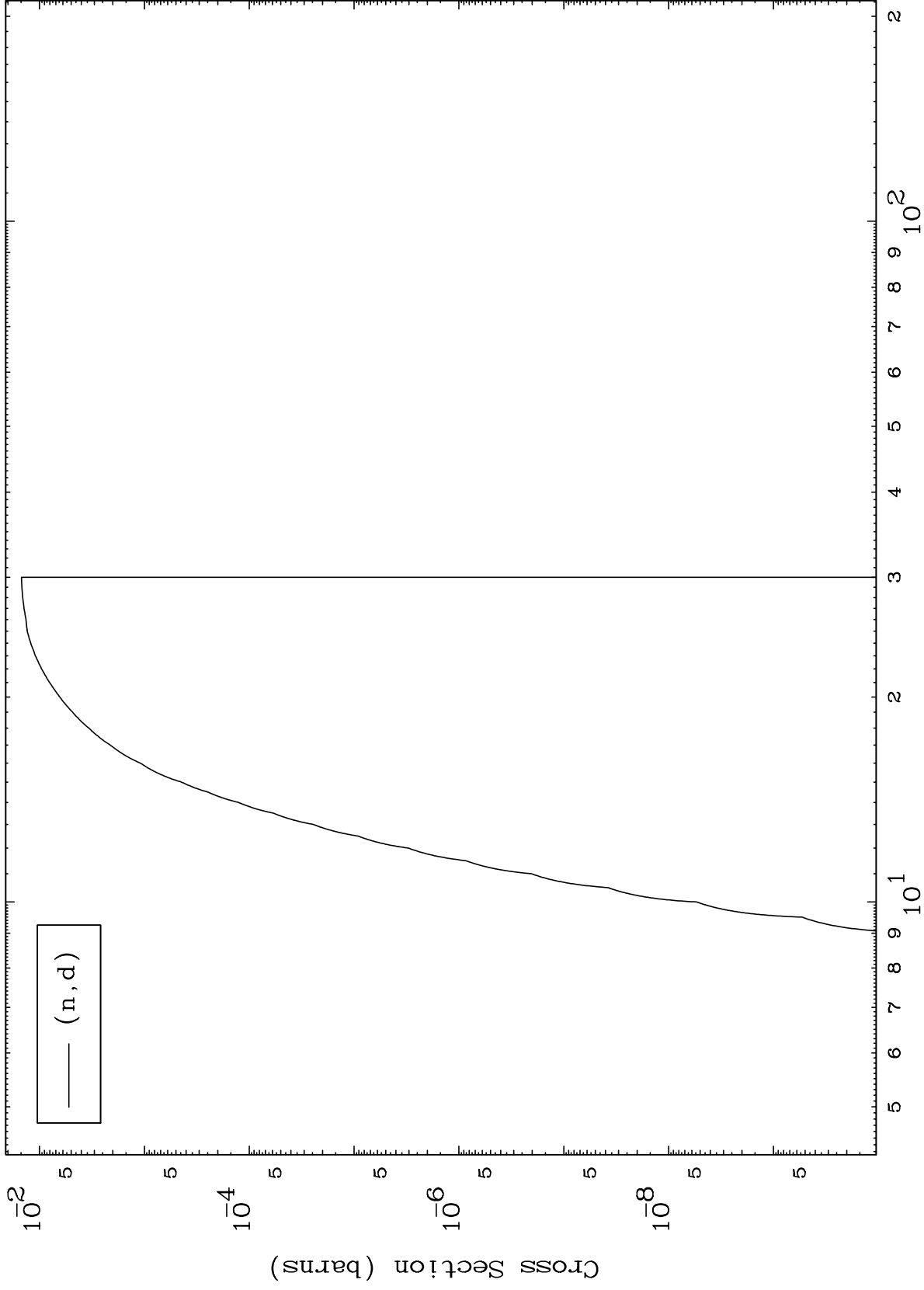
Incident Energy (MeV)

80-Hg-197

MAT 8028

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-197



11

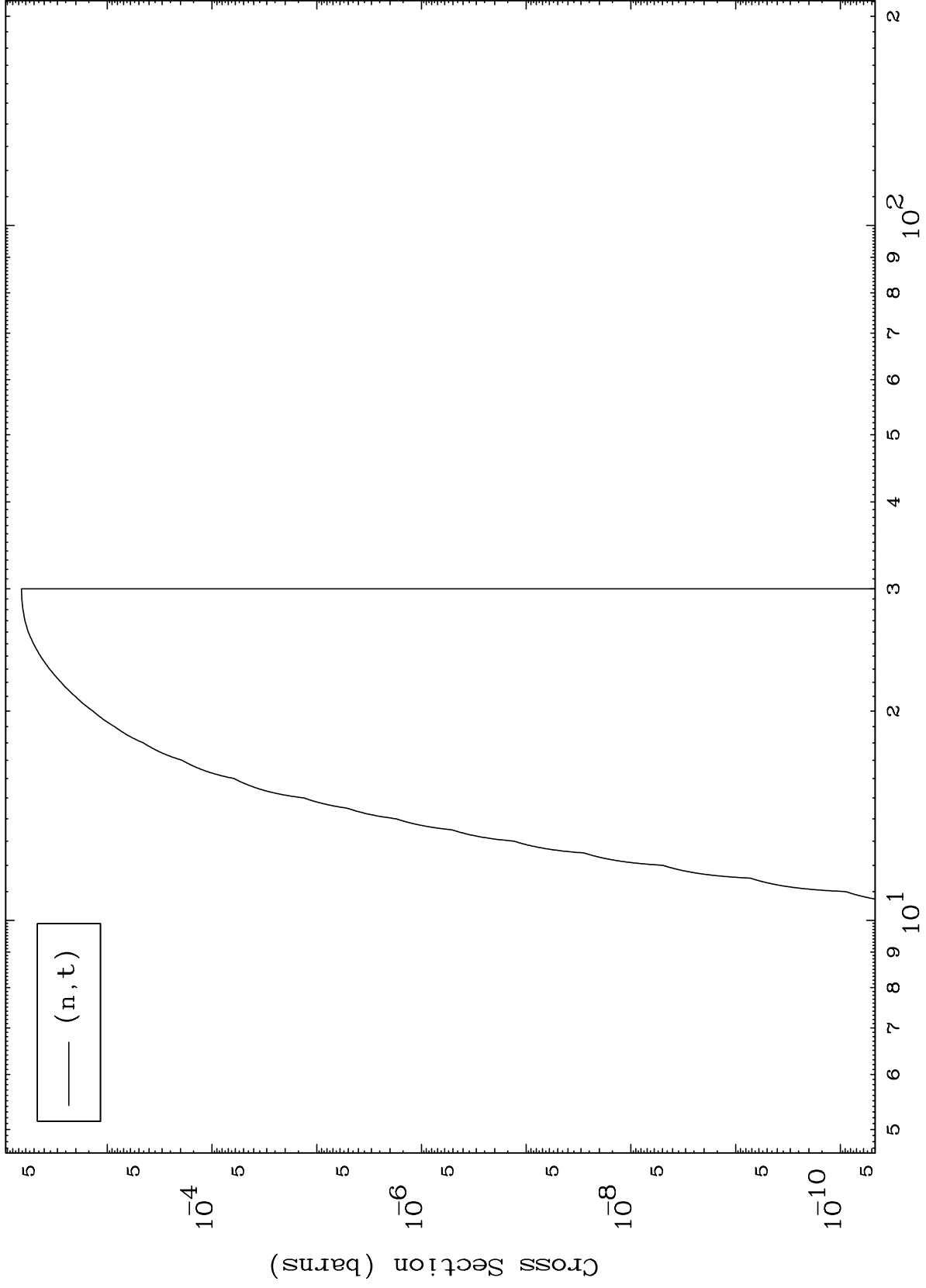
Incident Energy (MeV)

80-Hg-197

MAT 8028

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-197



12

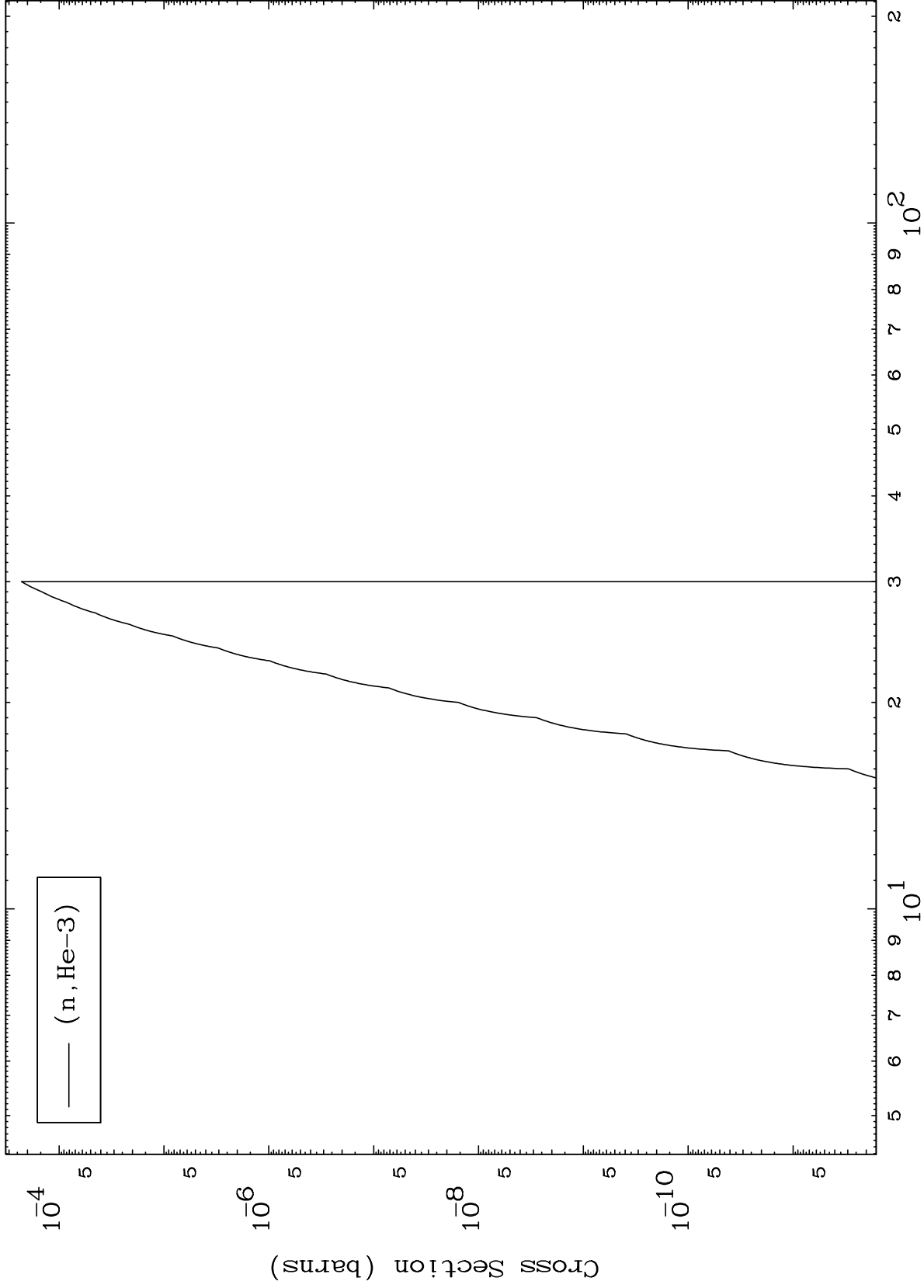
Incident Energy (MeV)

80-Hg-197

MAT 8028

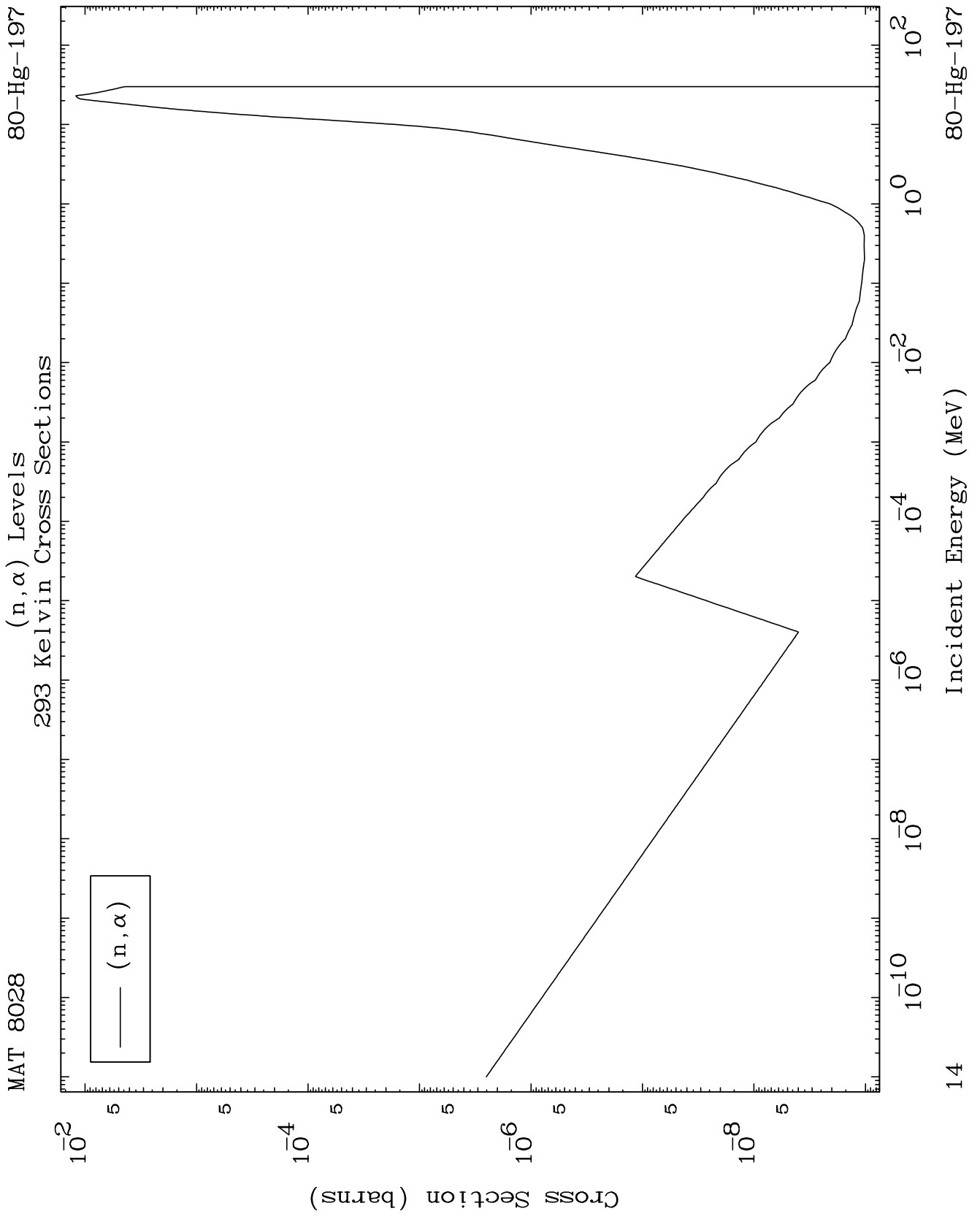
(n,He3) Levels
293 Kelvin Cross Sections

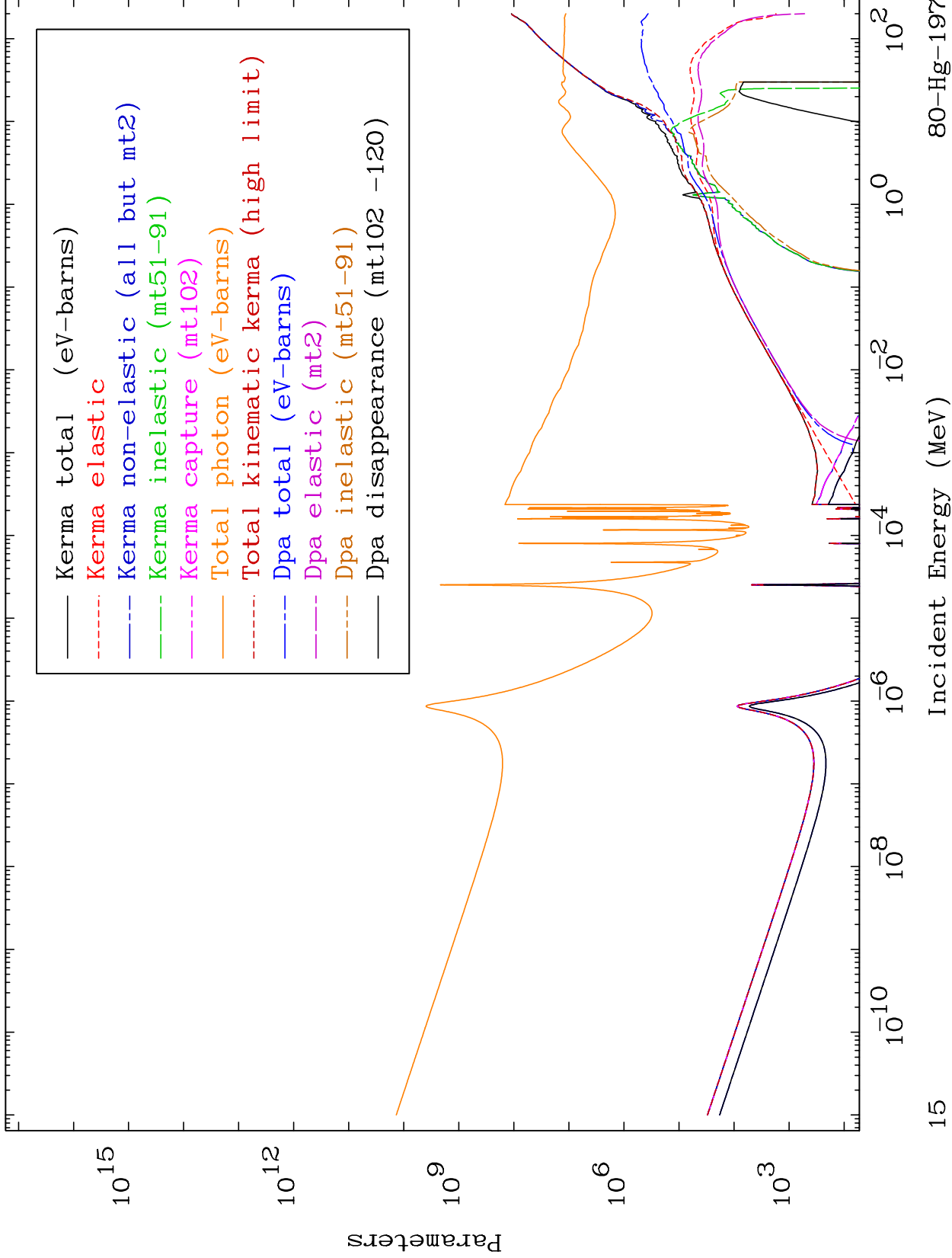
80-Hg-197



80-Hg-197

13

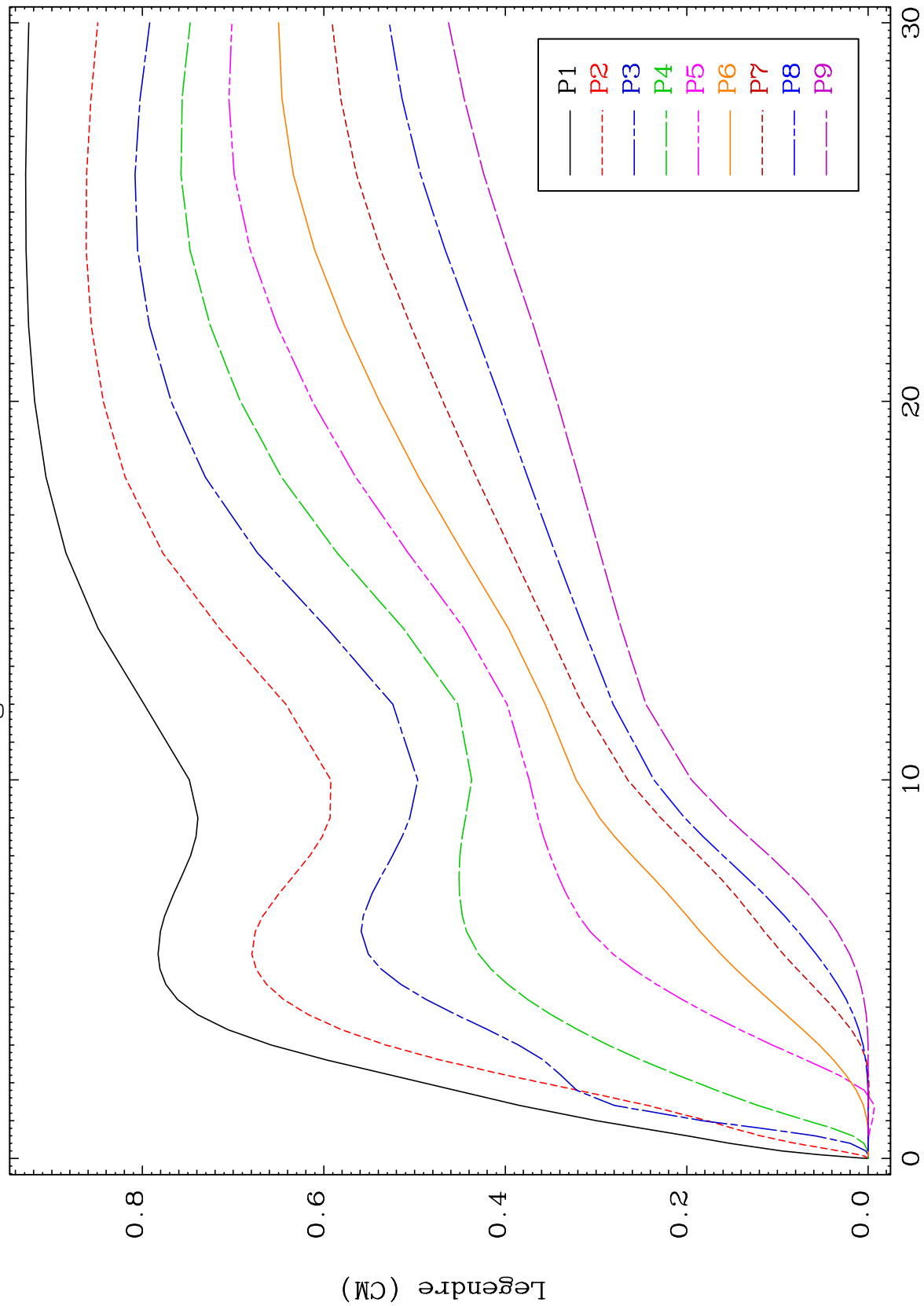




MAT 8028

Elastic Legendre Coefficients

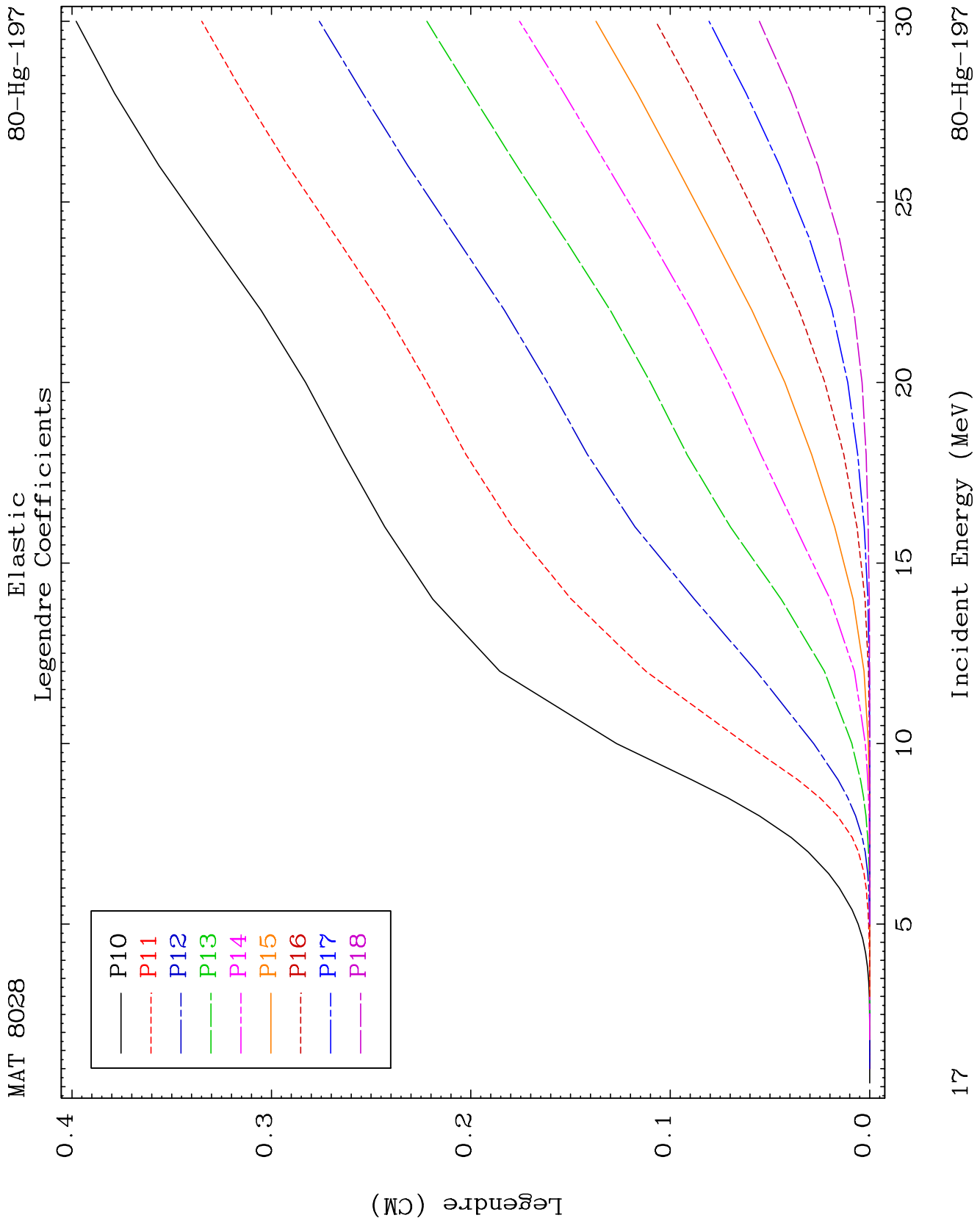
80-Hg-197



16

Incident Energy (MeV)

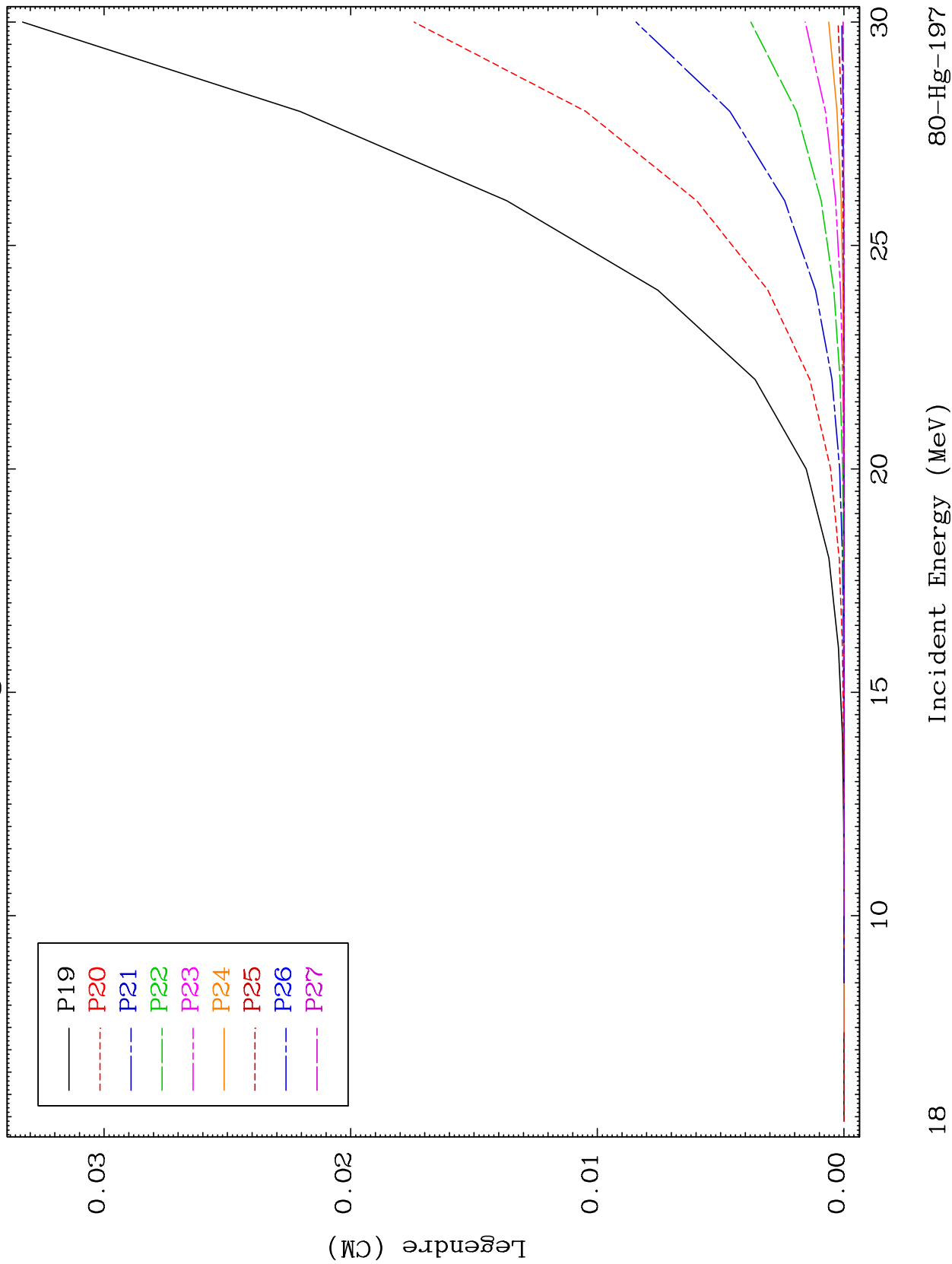
80-Hg-197



MAT 8028

Elastic Legendre Coefficients

80-Hg-197



18

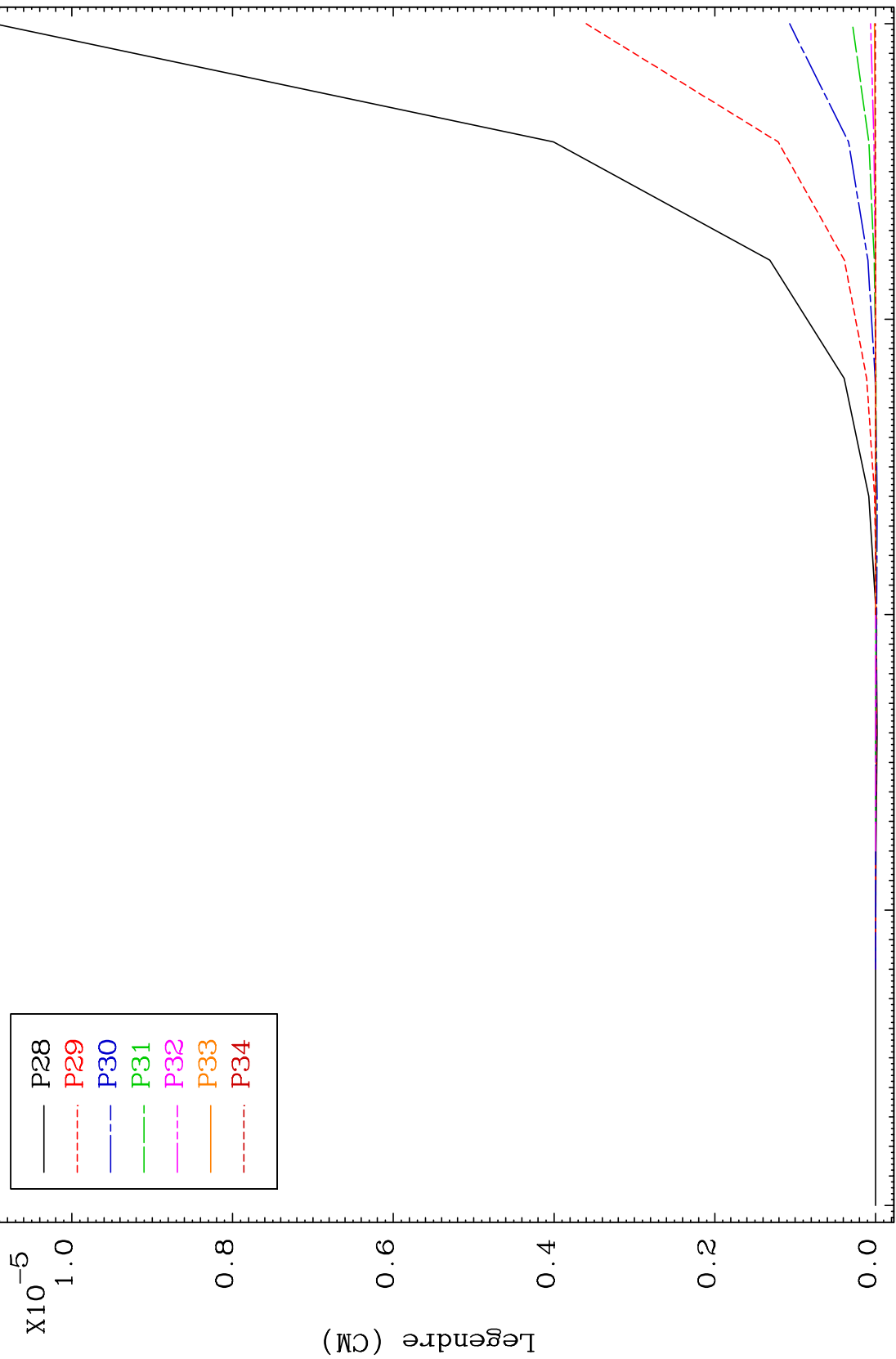
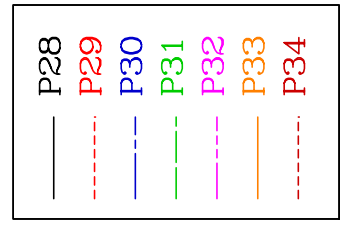
Incident Energy (MeV)

80-Hg-197

MAT 8028

Elastic Legendre Coefficients

80-Hg-197



80-Hg-197

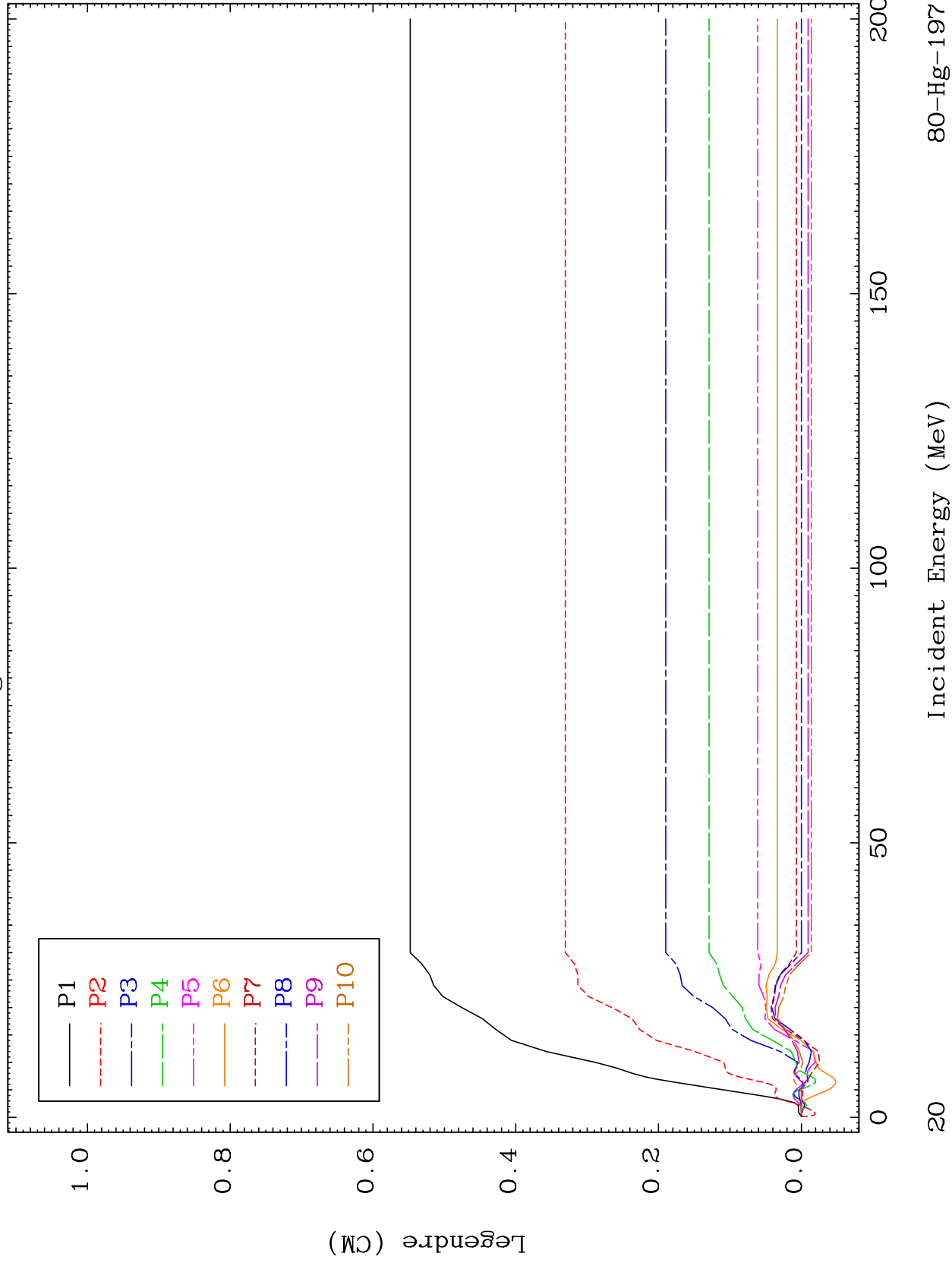
Incident Energy (MeV)

19

MAT 8028

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

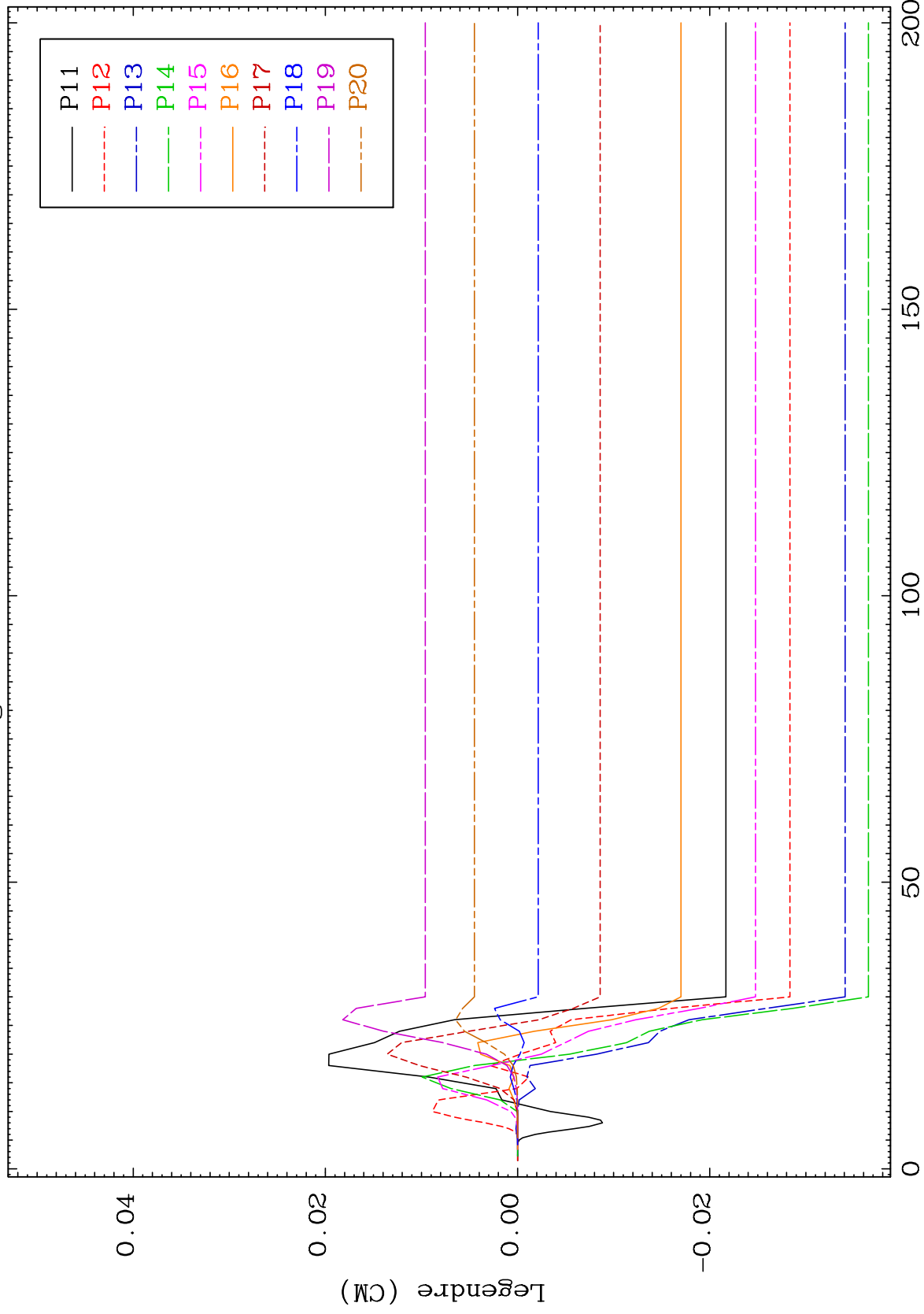
80-Hg-197



MAT 8028

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

80-Hg-197



21

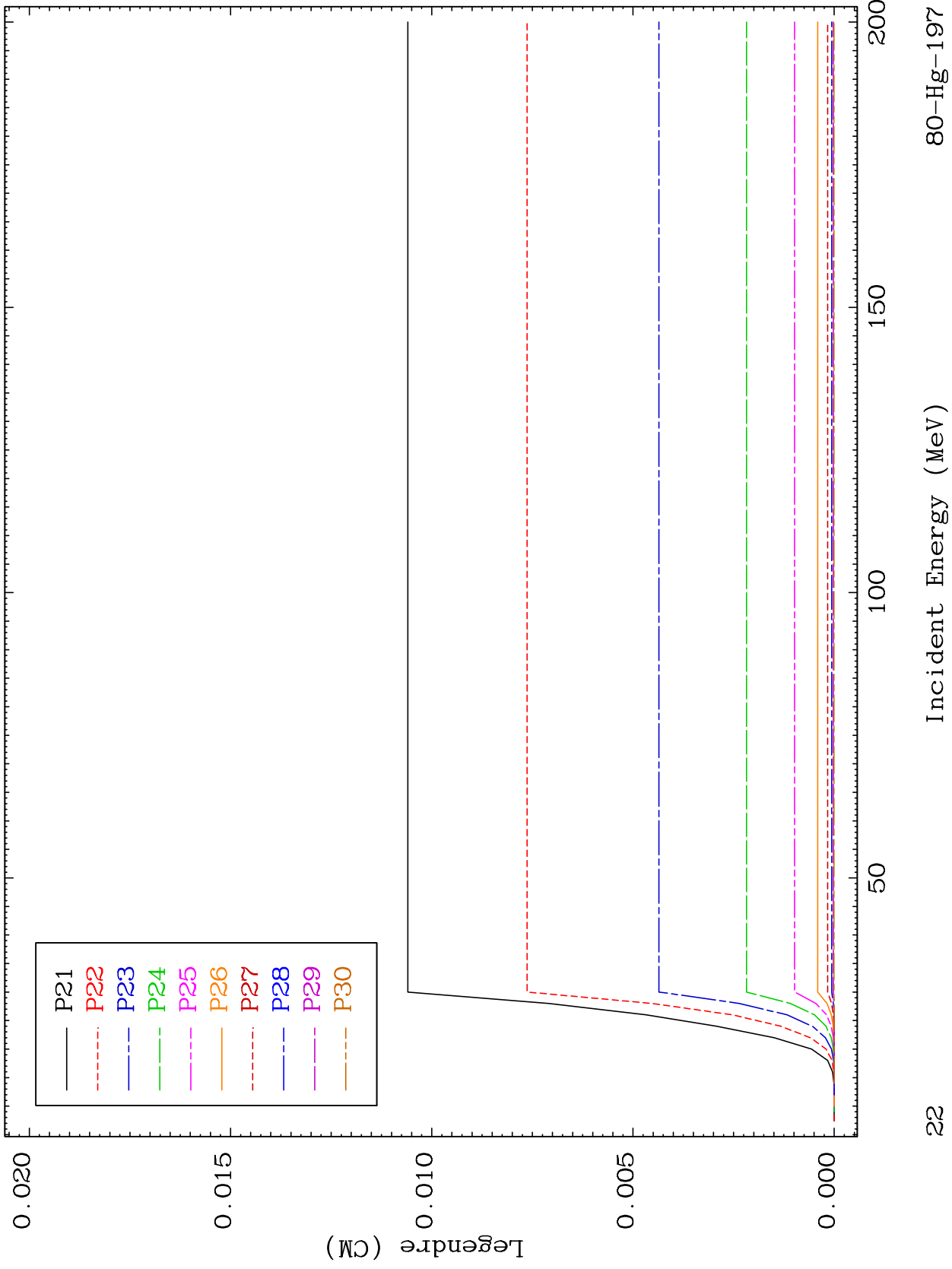
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

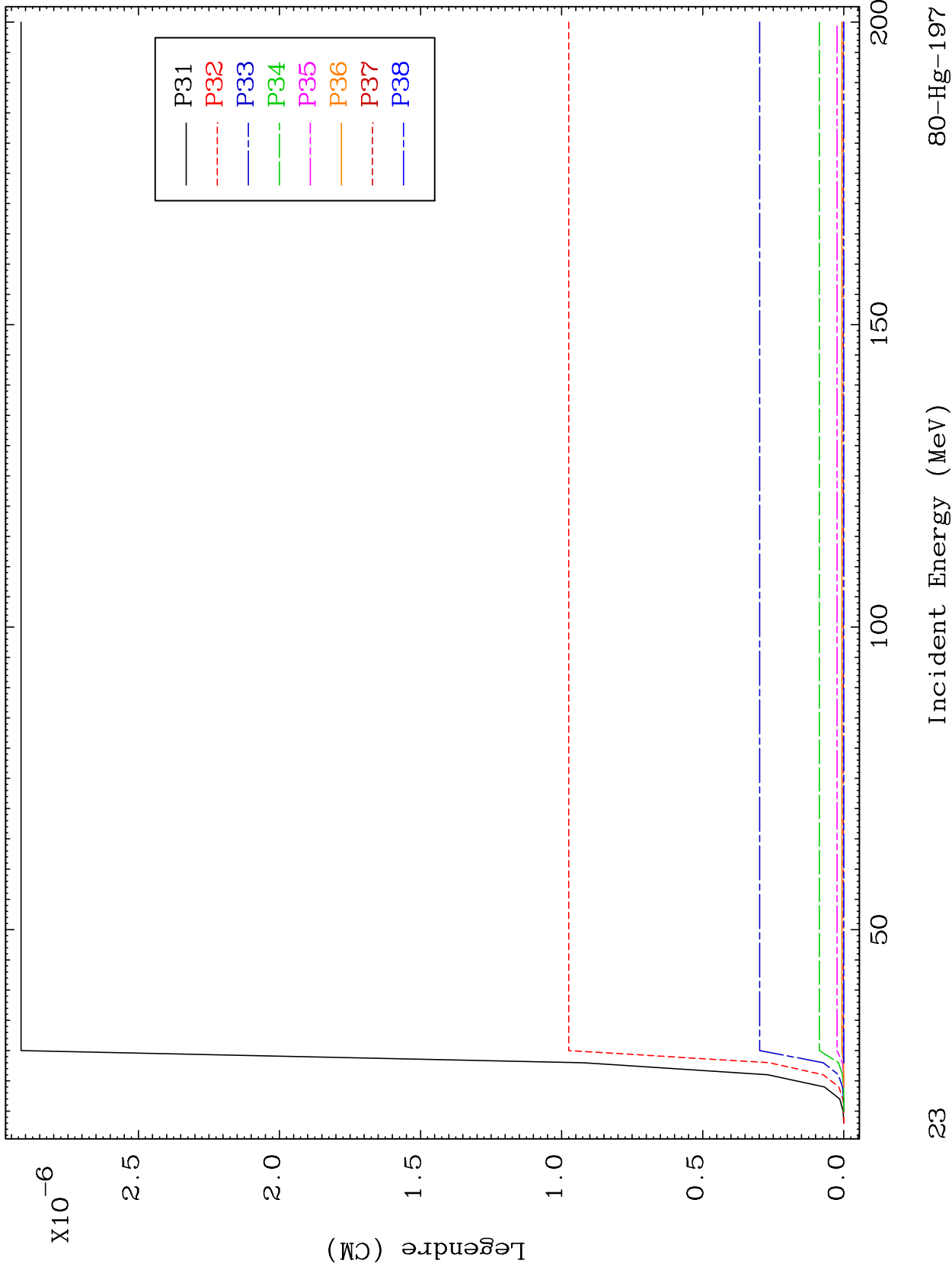
80-Hg-197



22

Incident Energy (MeV)

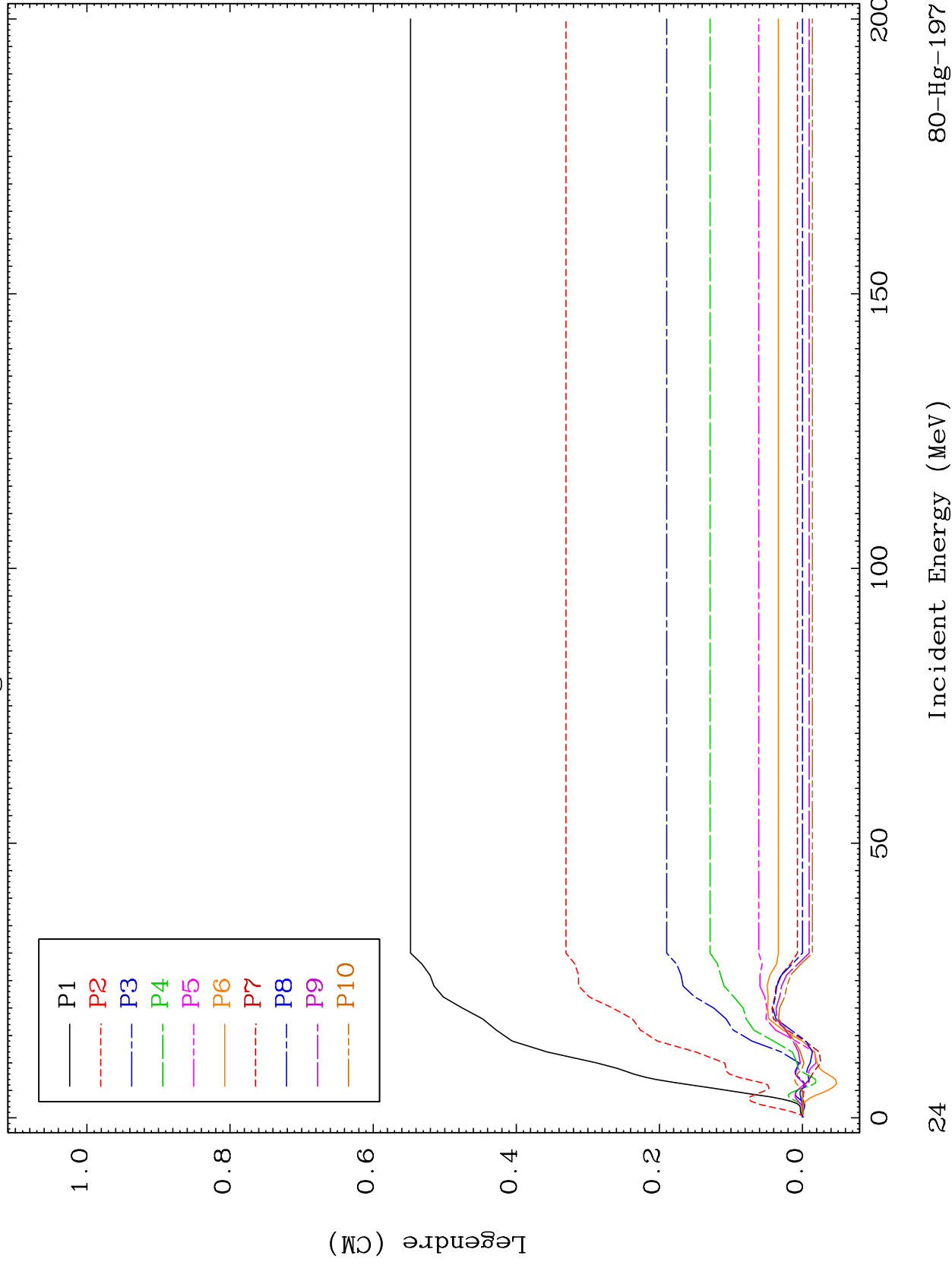
80-Hg-197



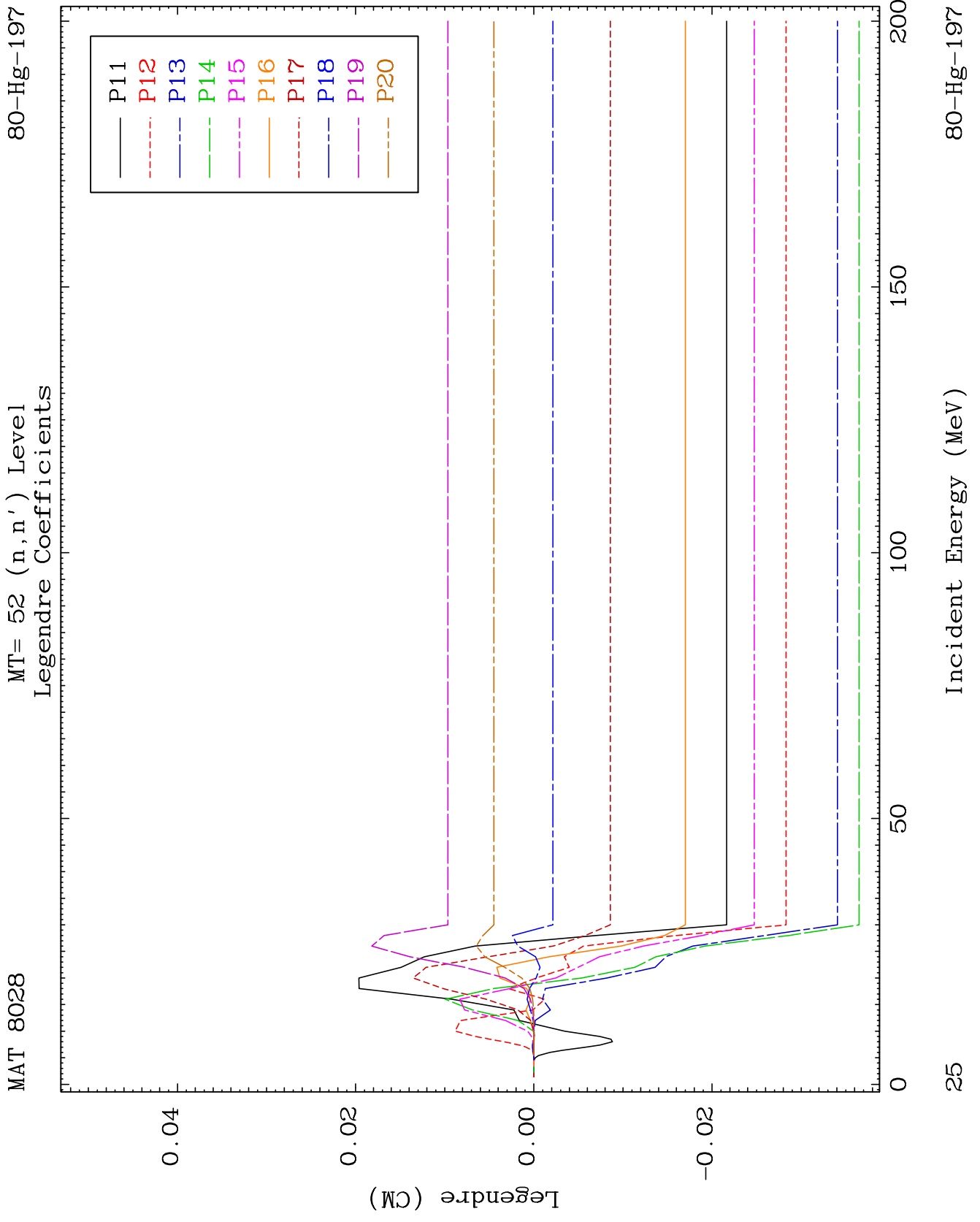
MAT 8028

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

80-Hg-197



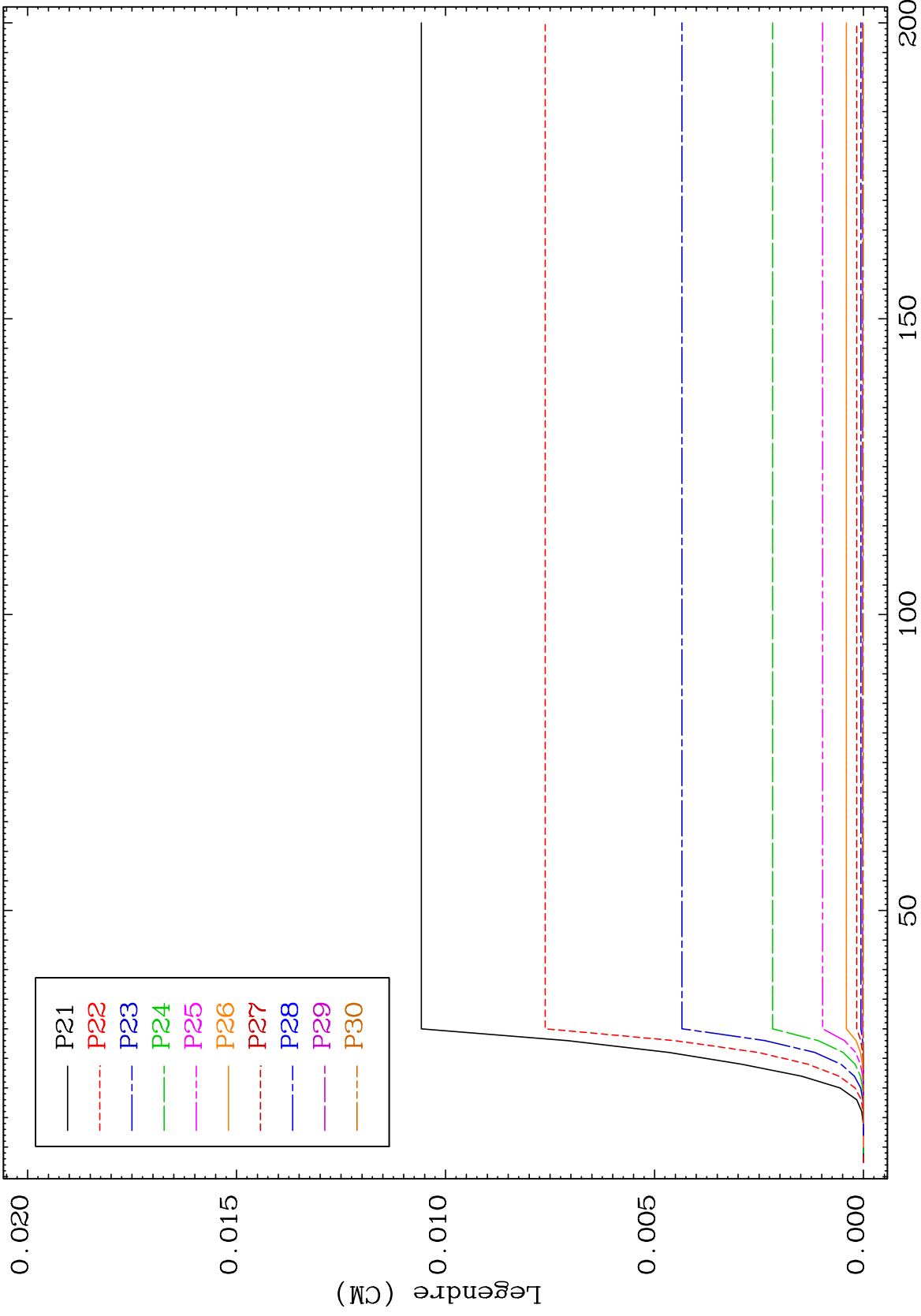
24



MAT 8028

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

80-Hg-197



26

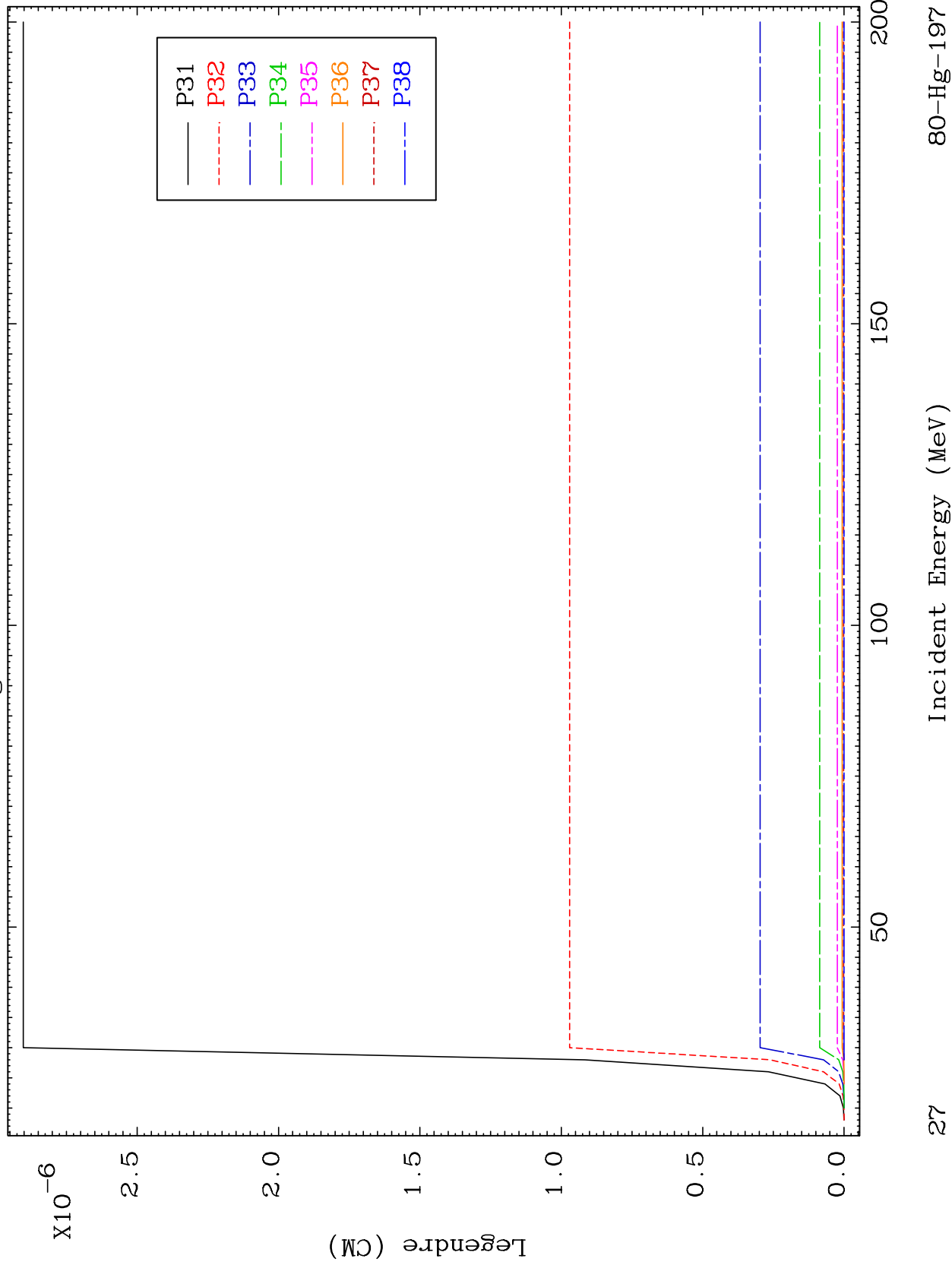
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

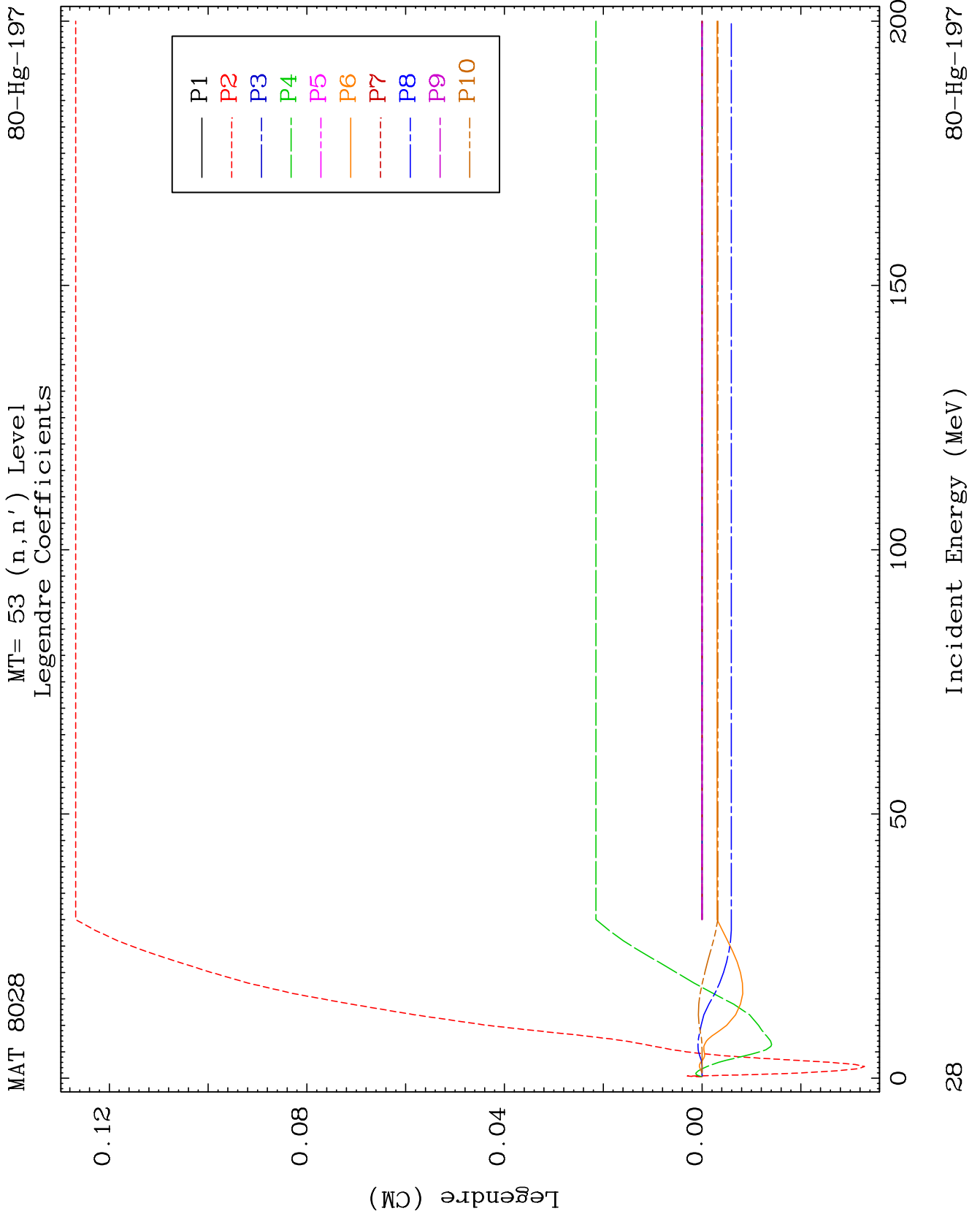
80-Hg-197



27

Incident Energy (MeV)

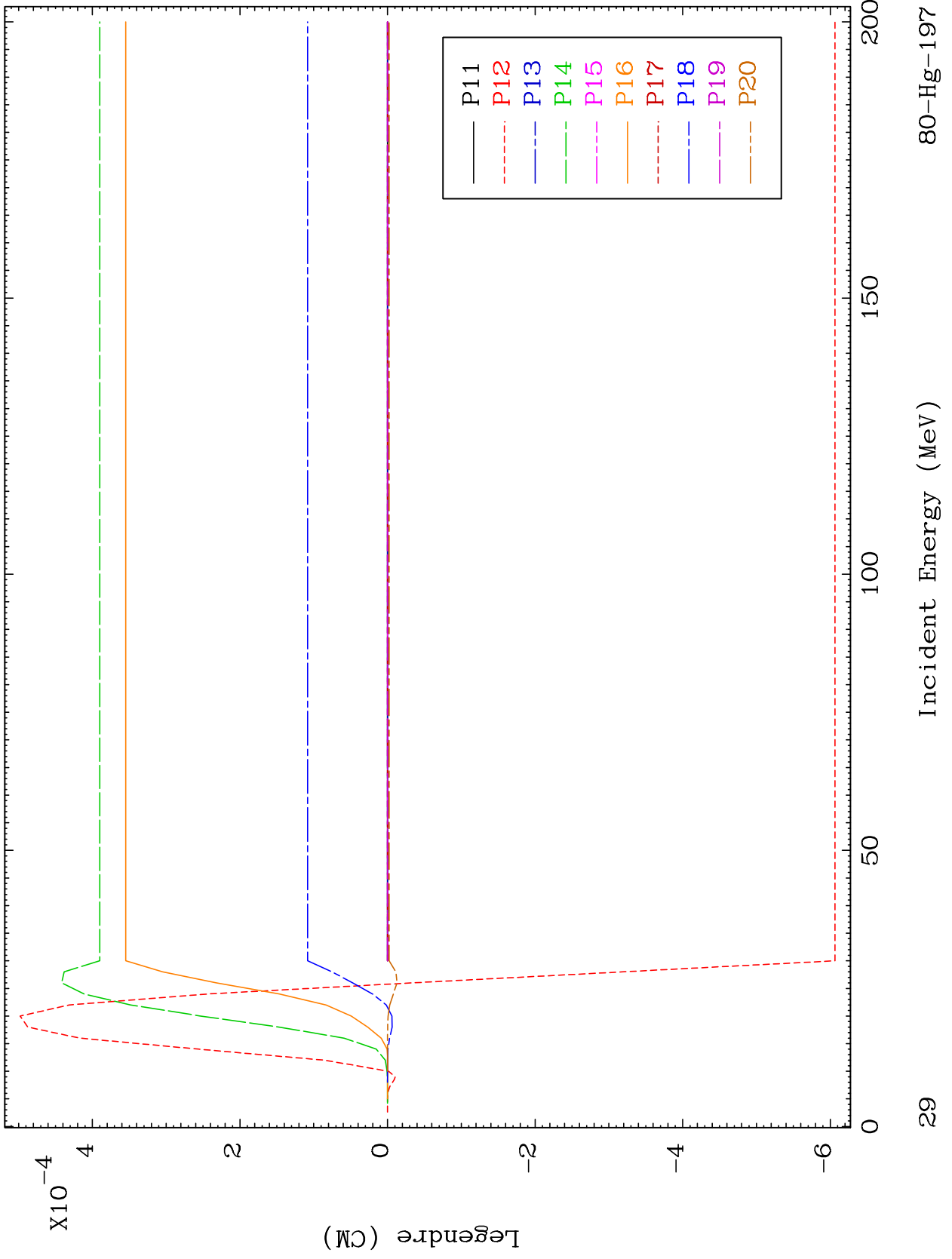
80-Hg-197



MAT 8028

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

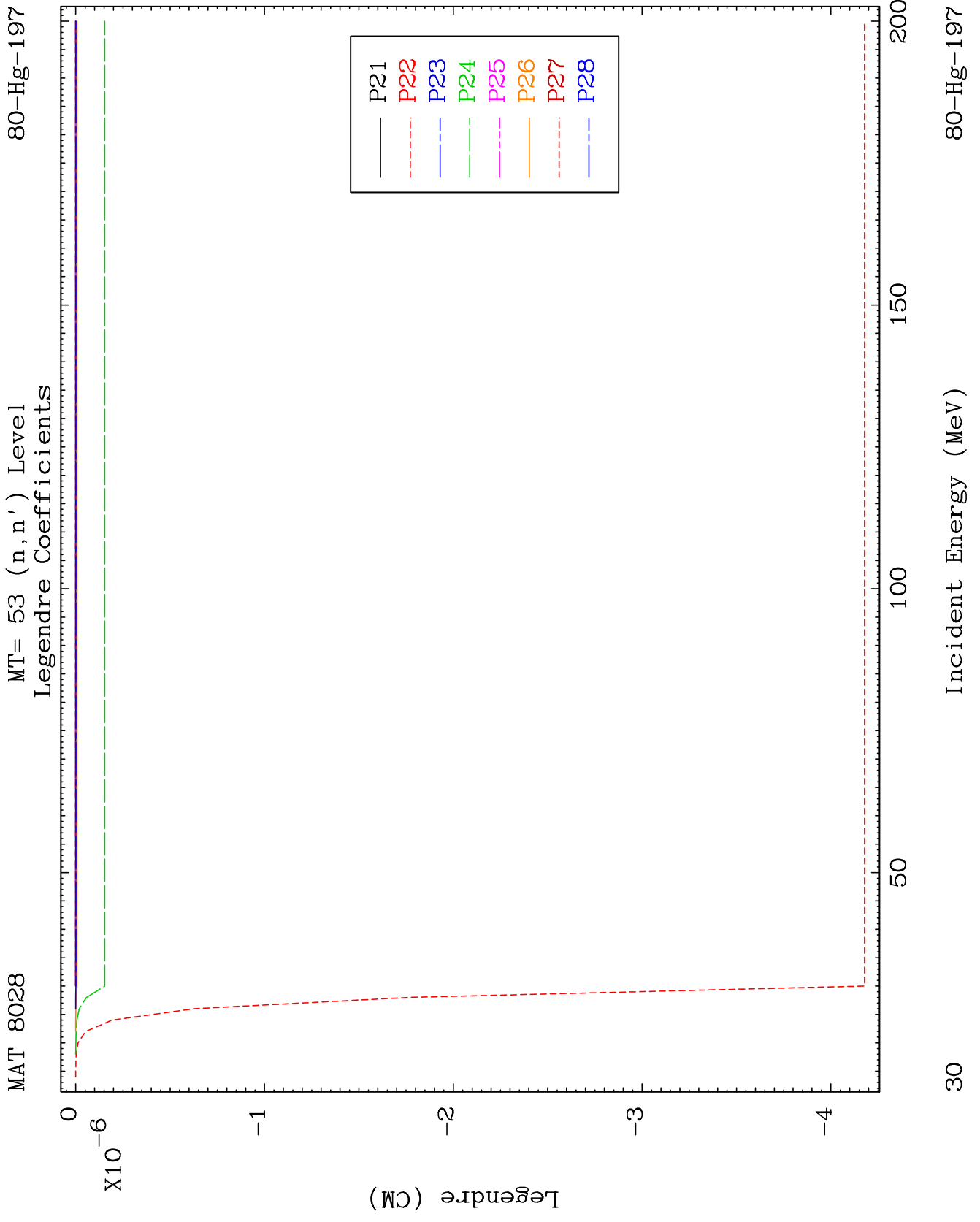
80-Hg-197



29

Incident Energy (MeV)

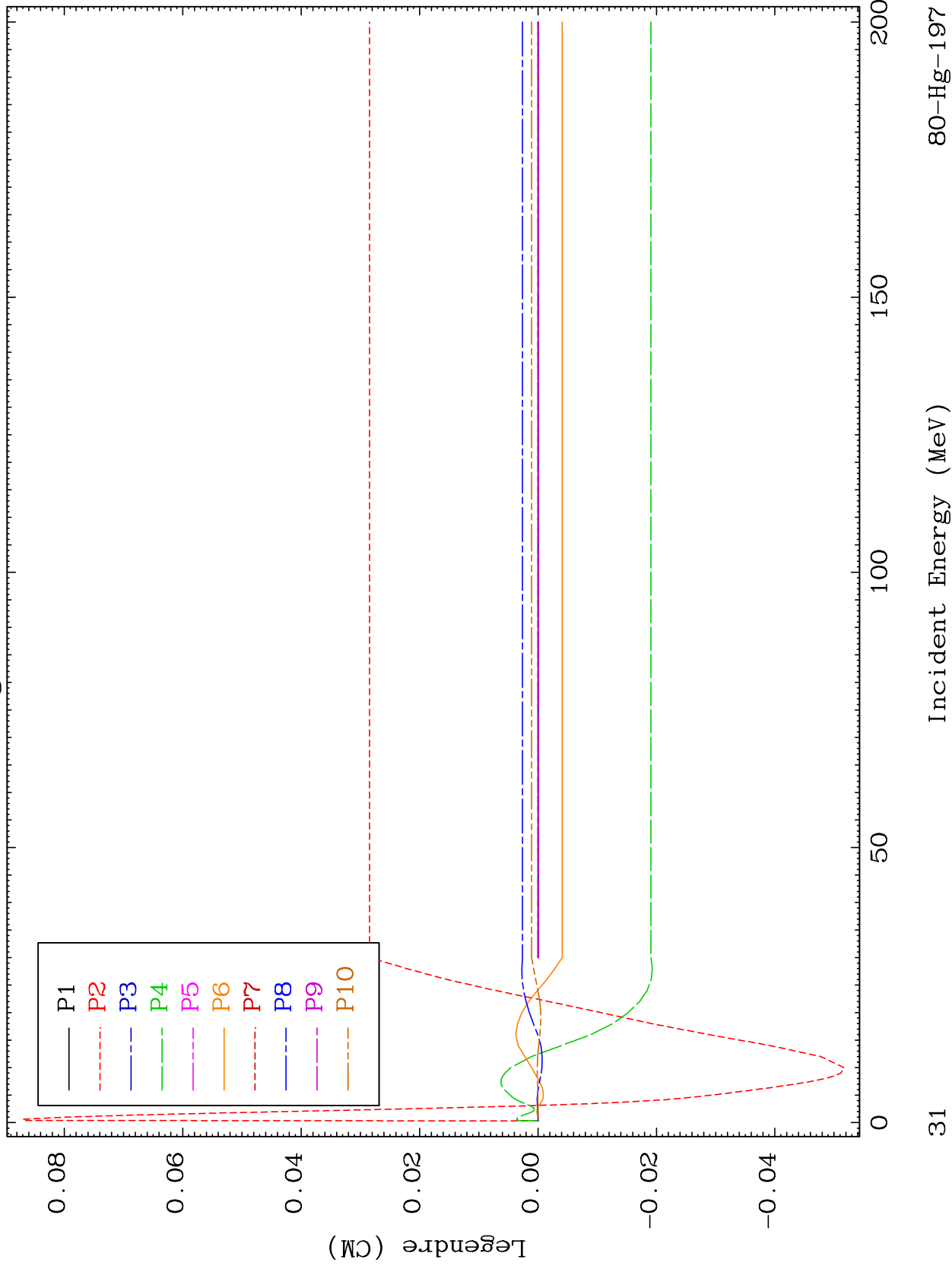
80-Hg-197



MAT 8028

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

80-Hg-197



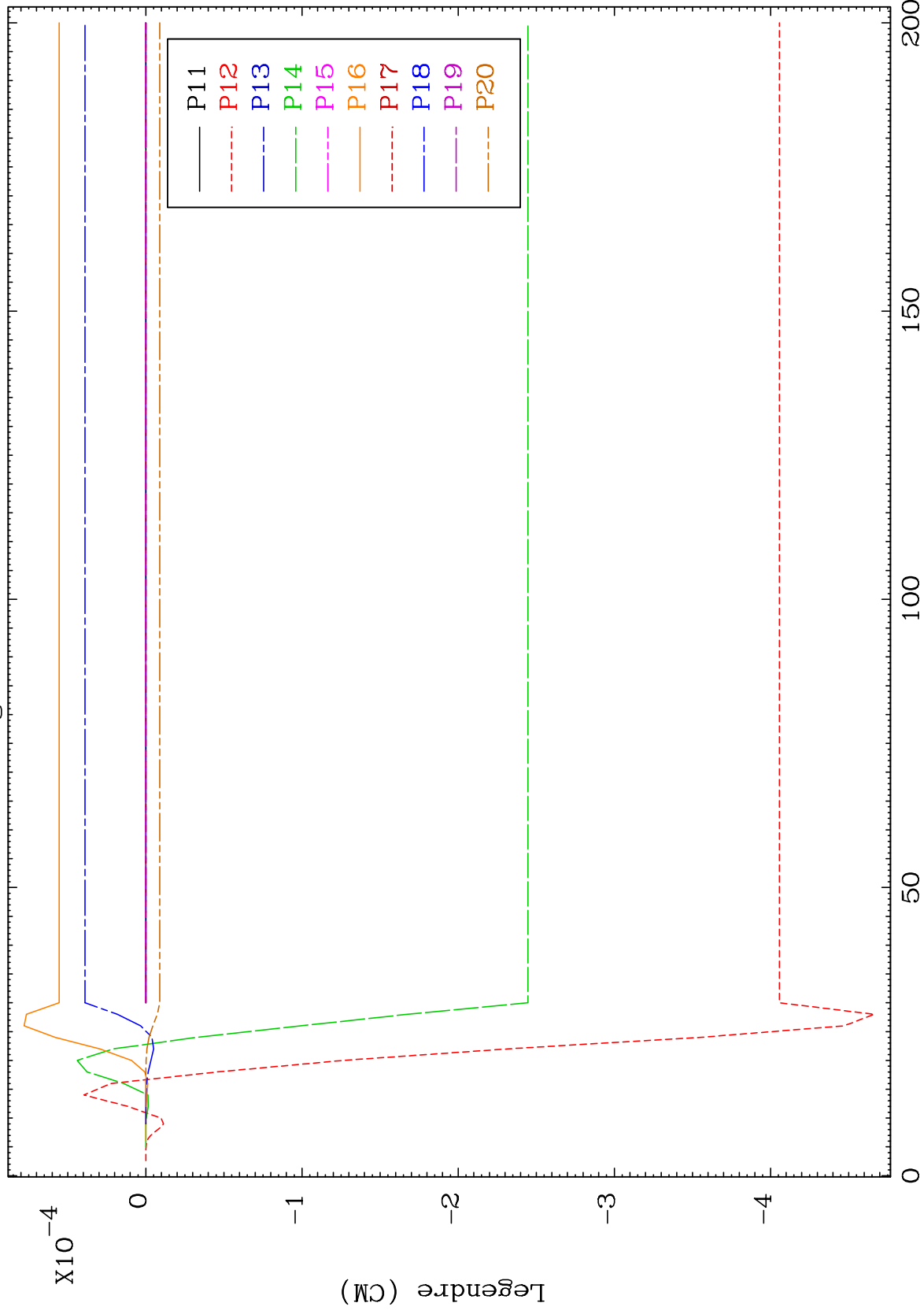
31

80-Hg-197

MAT 8028

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

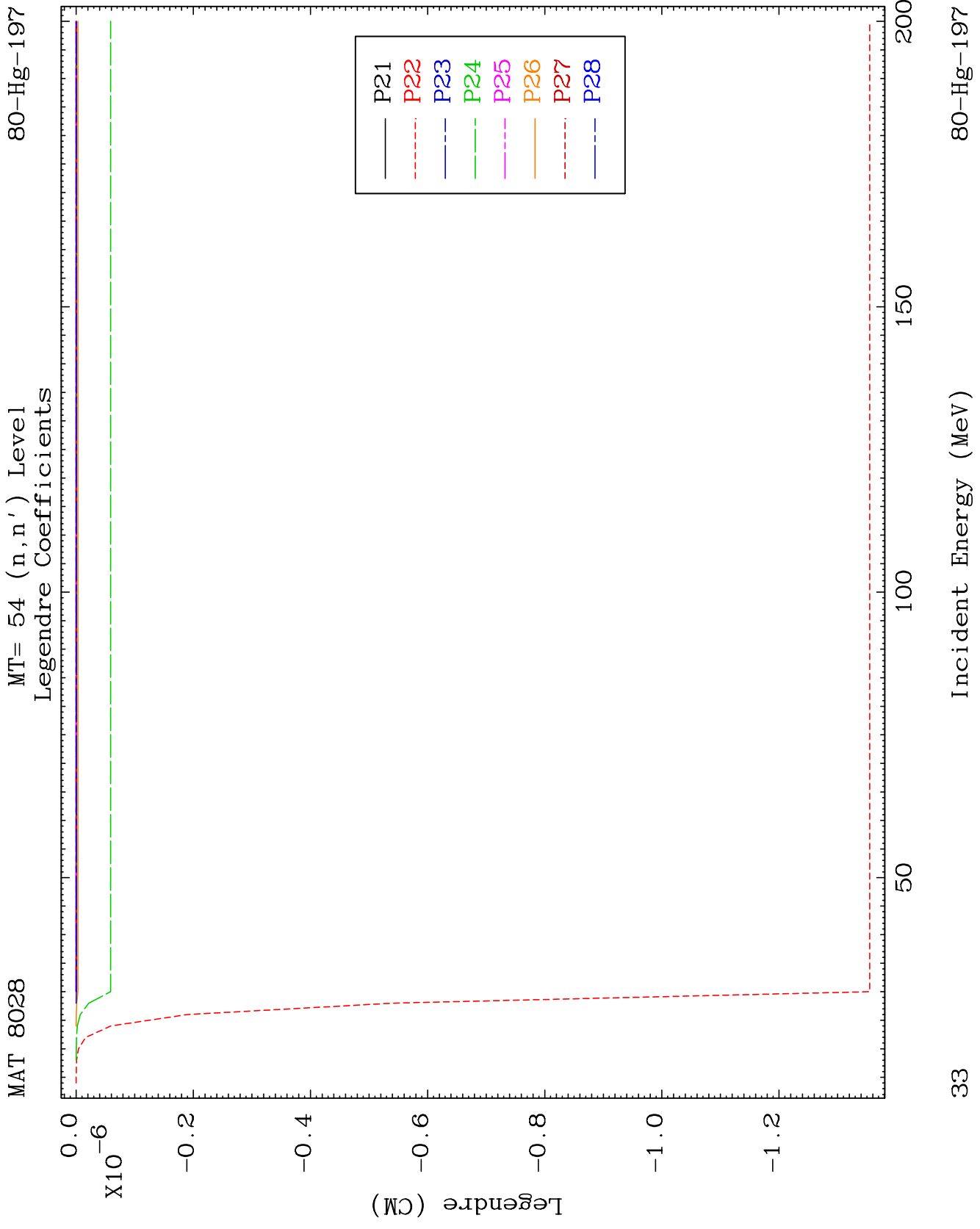
80-Hg-197



32

Incident Energy (MeV)

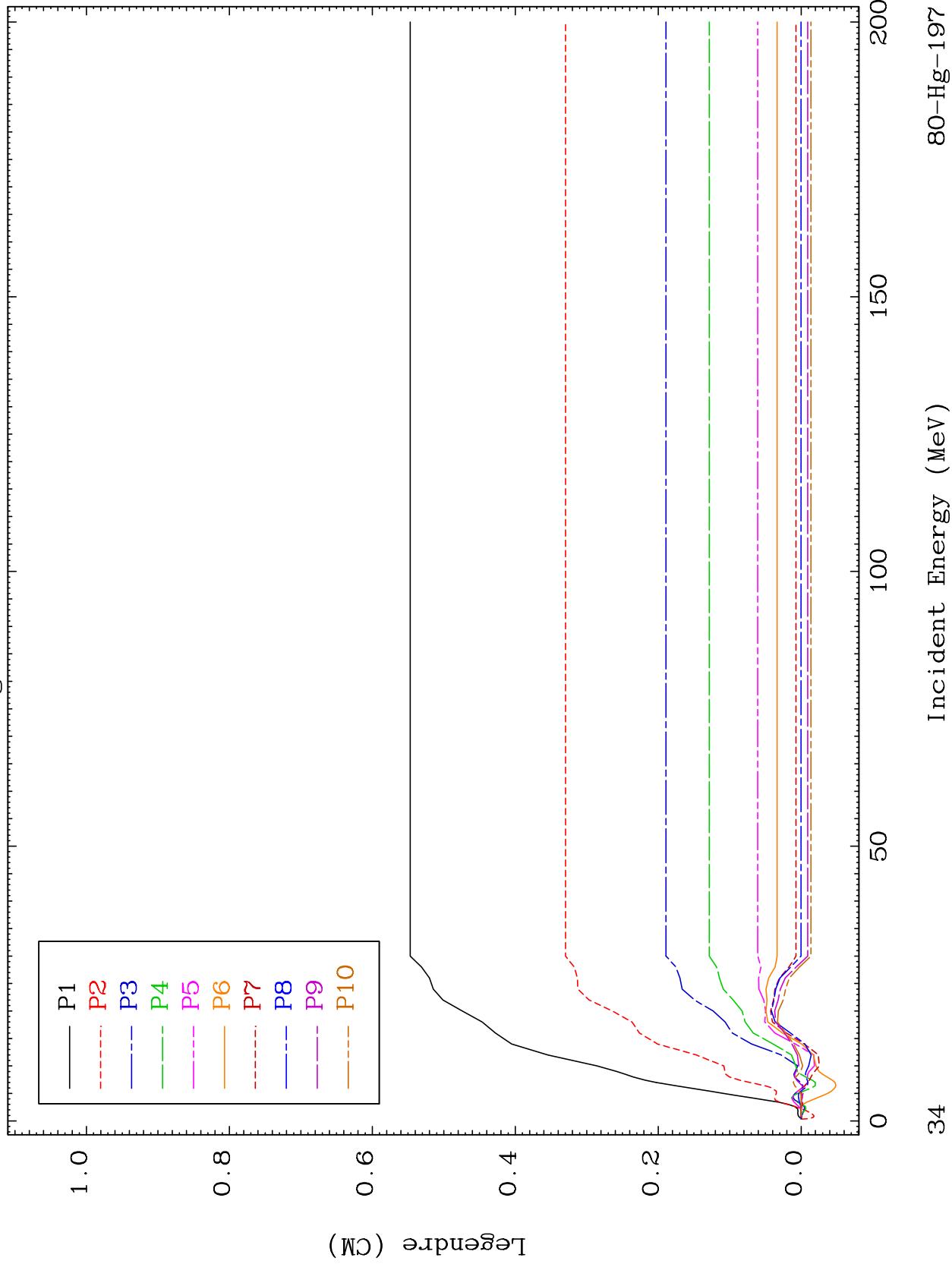
80-Hg-197



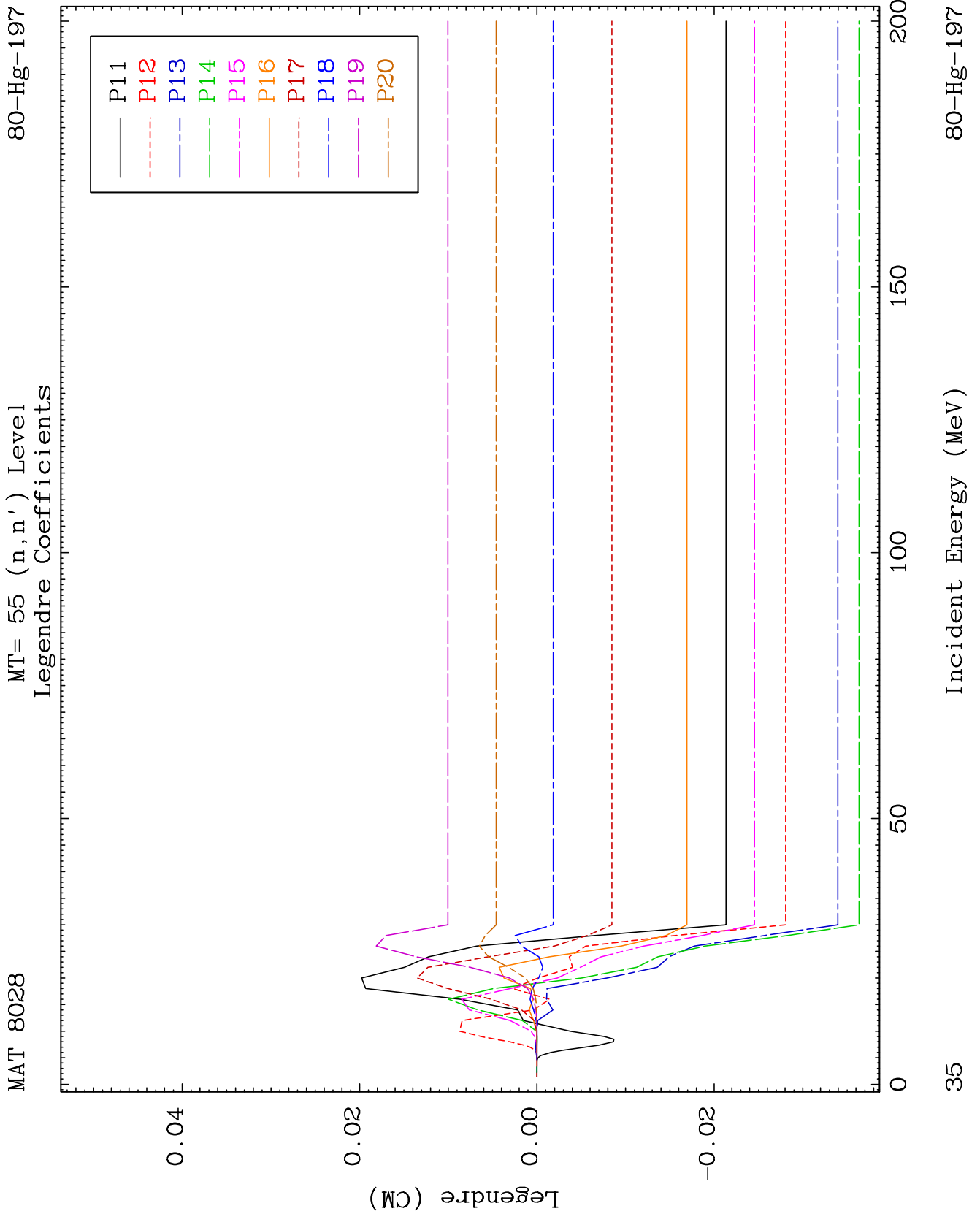
MAT 8028

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

80-Hg-197



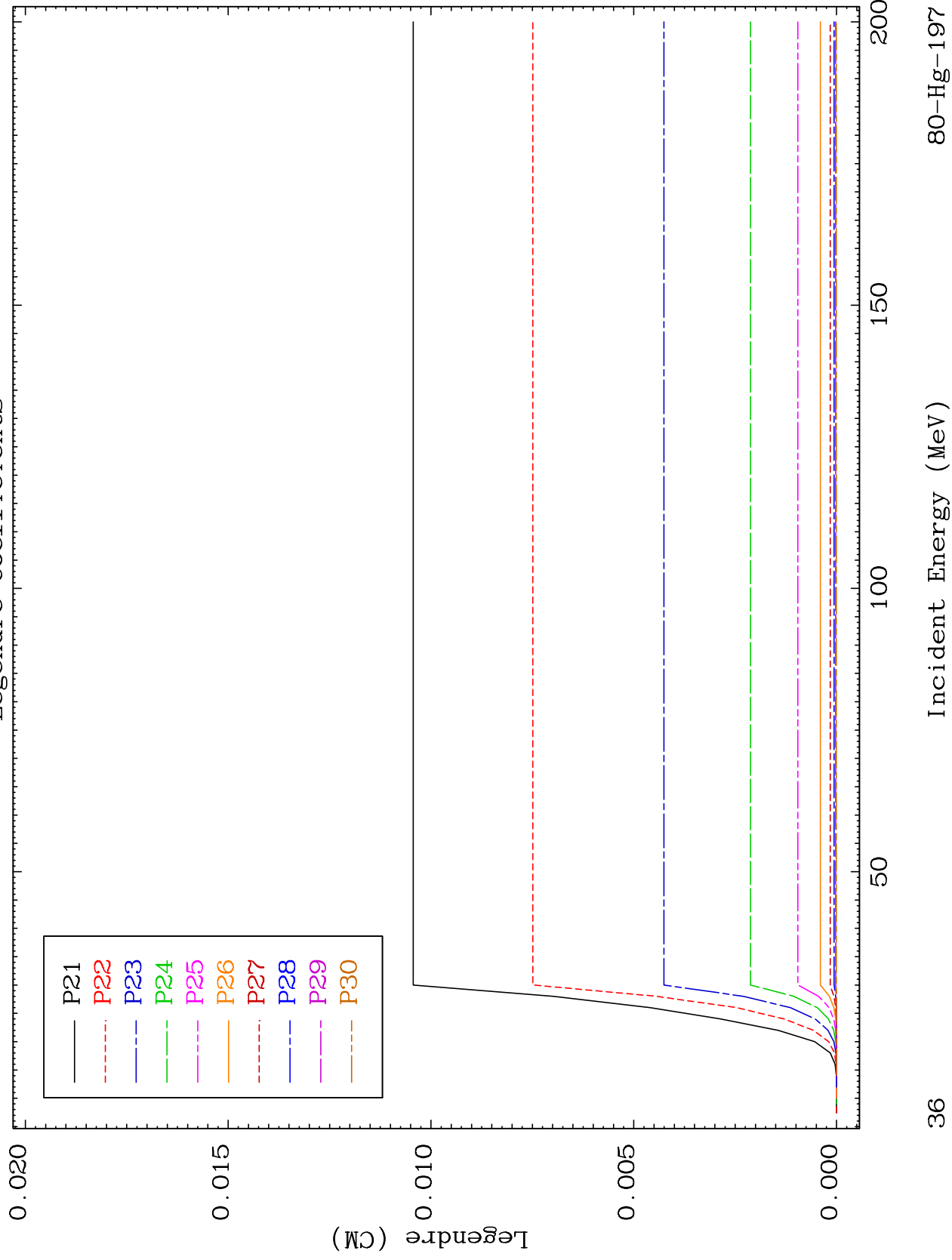
34



MAT 8028

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

80-Hg-197



36

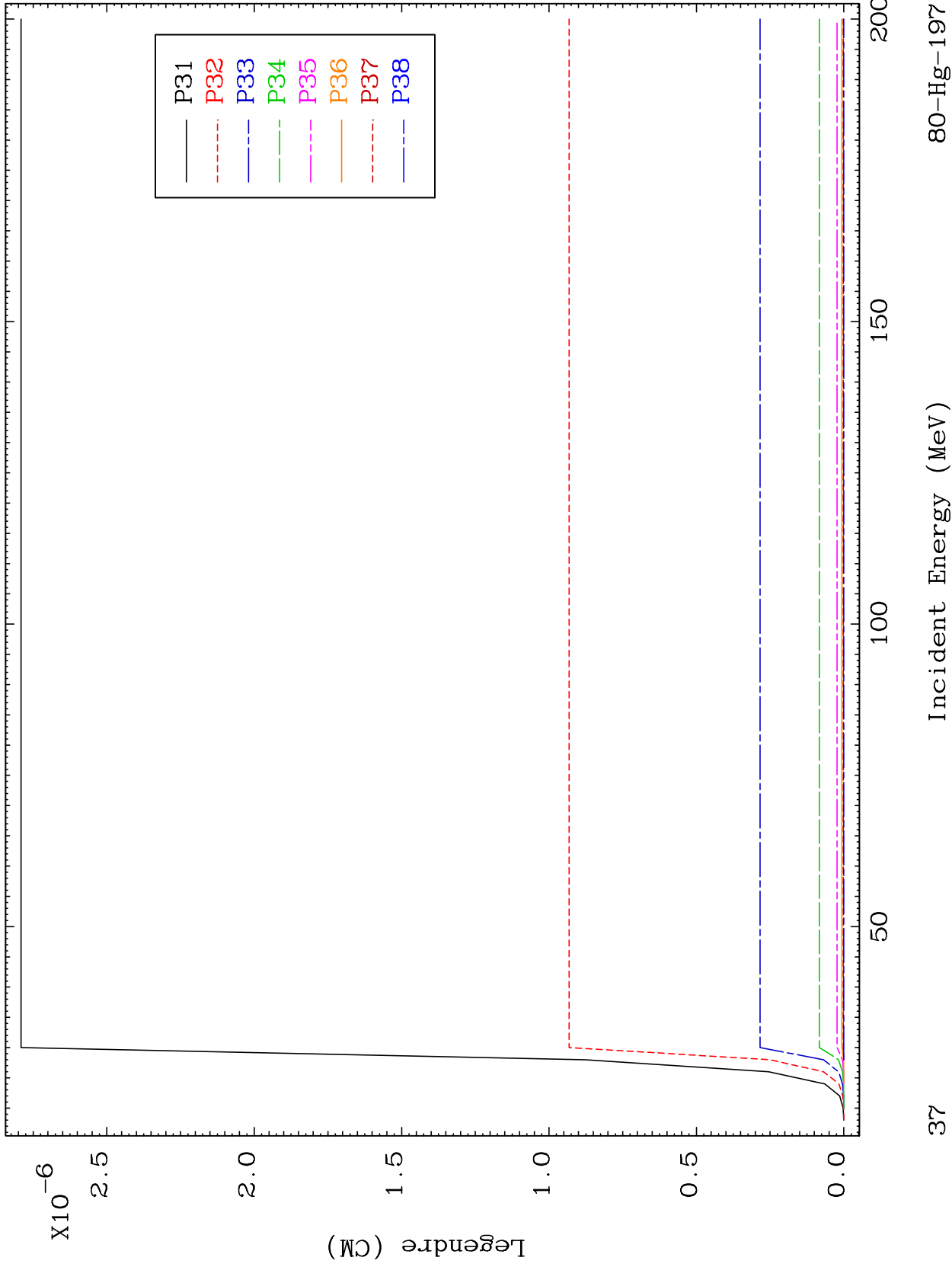
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



37

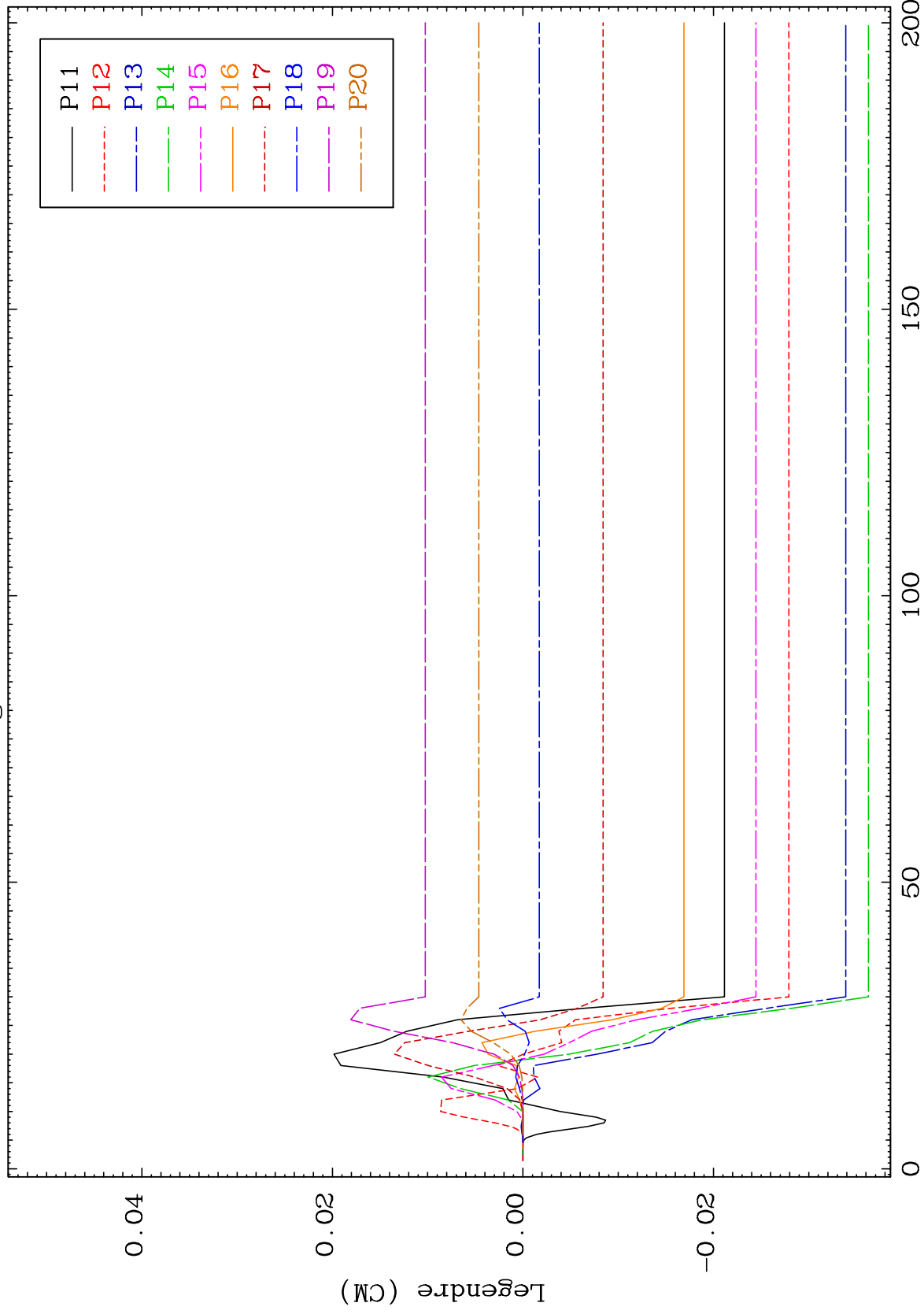
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

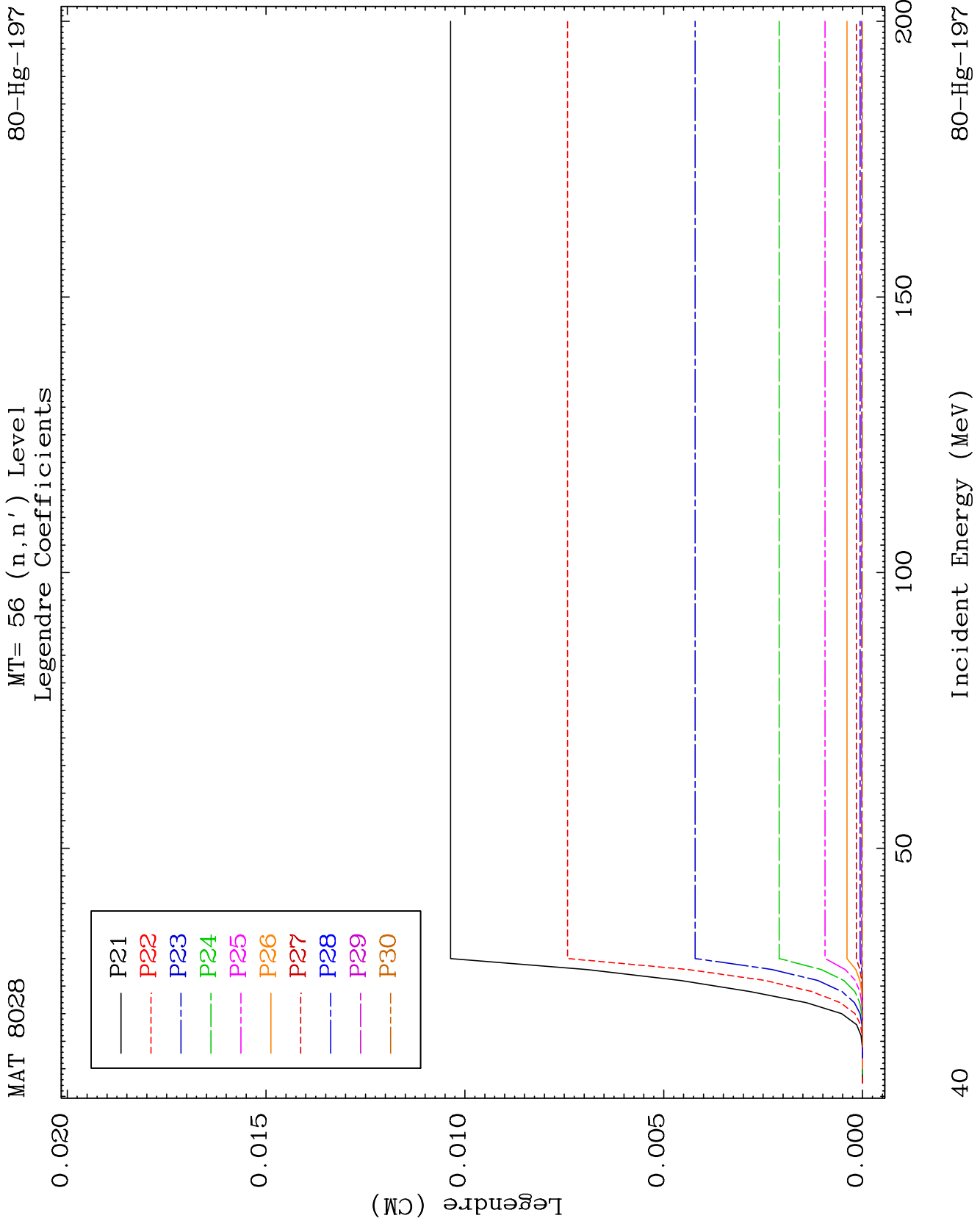
80-Hg-197



39

Incident Energy (MeV)

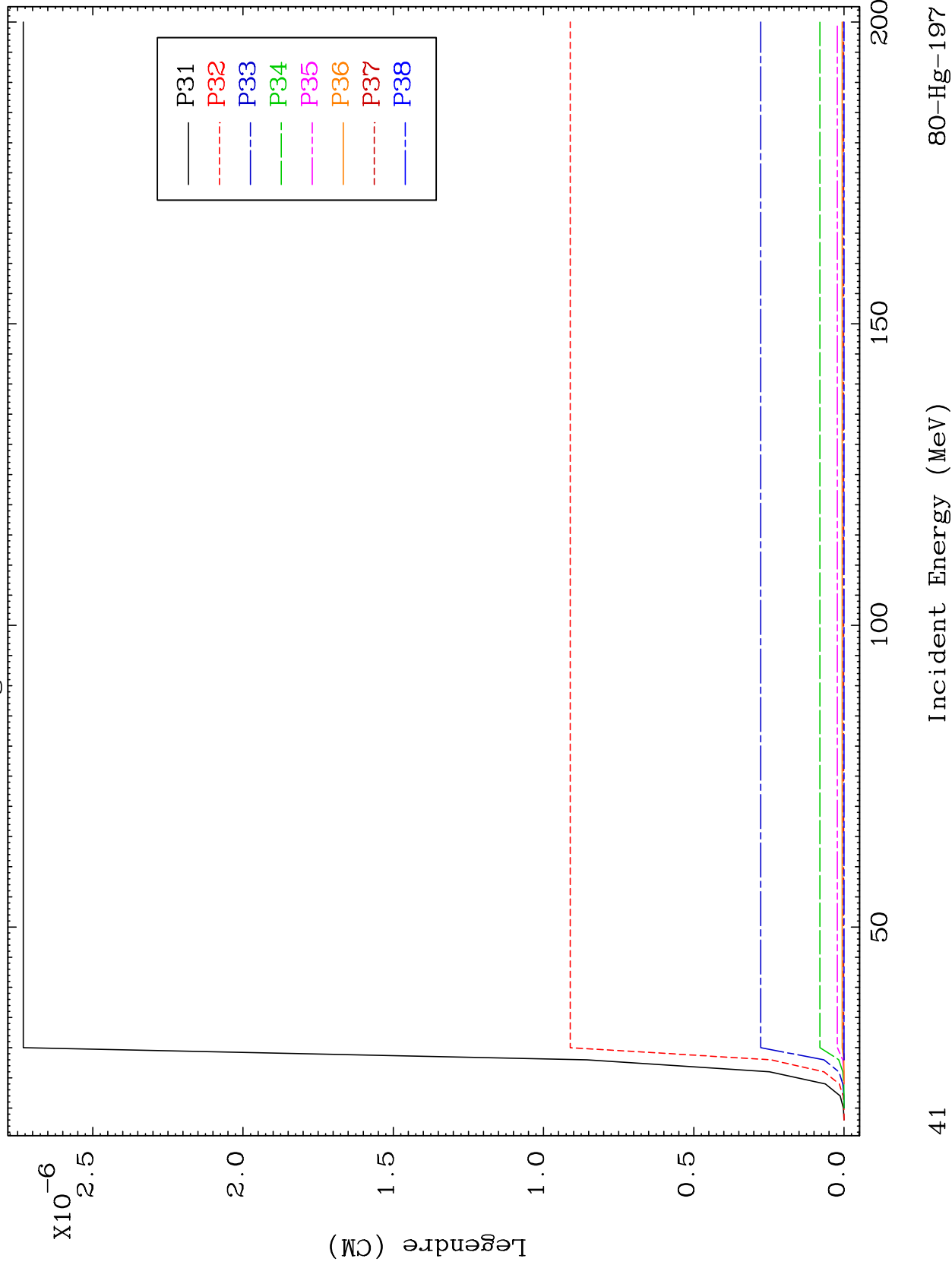
80-Hg-197



MAT 8028

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

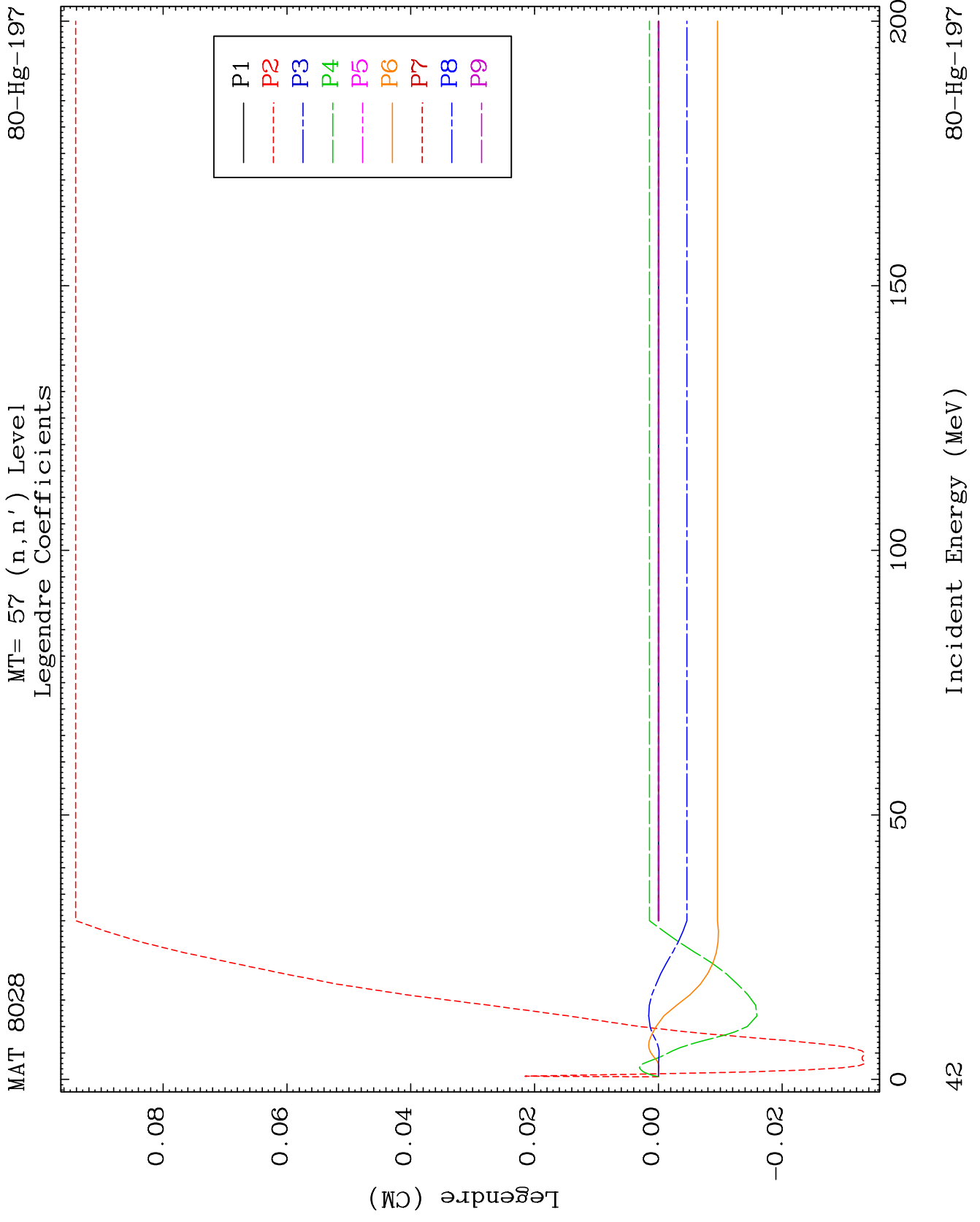
80-Hg-197



41

Incident Energy (MeV)

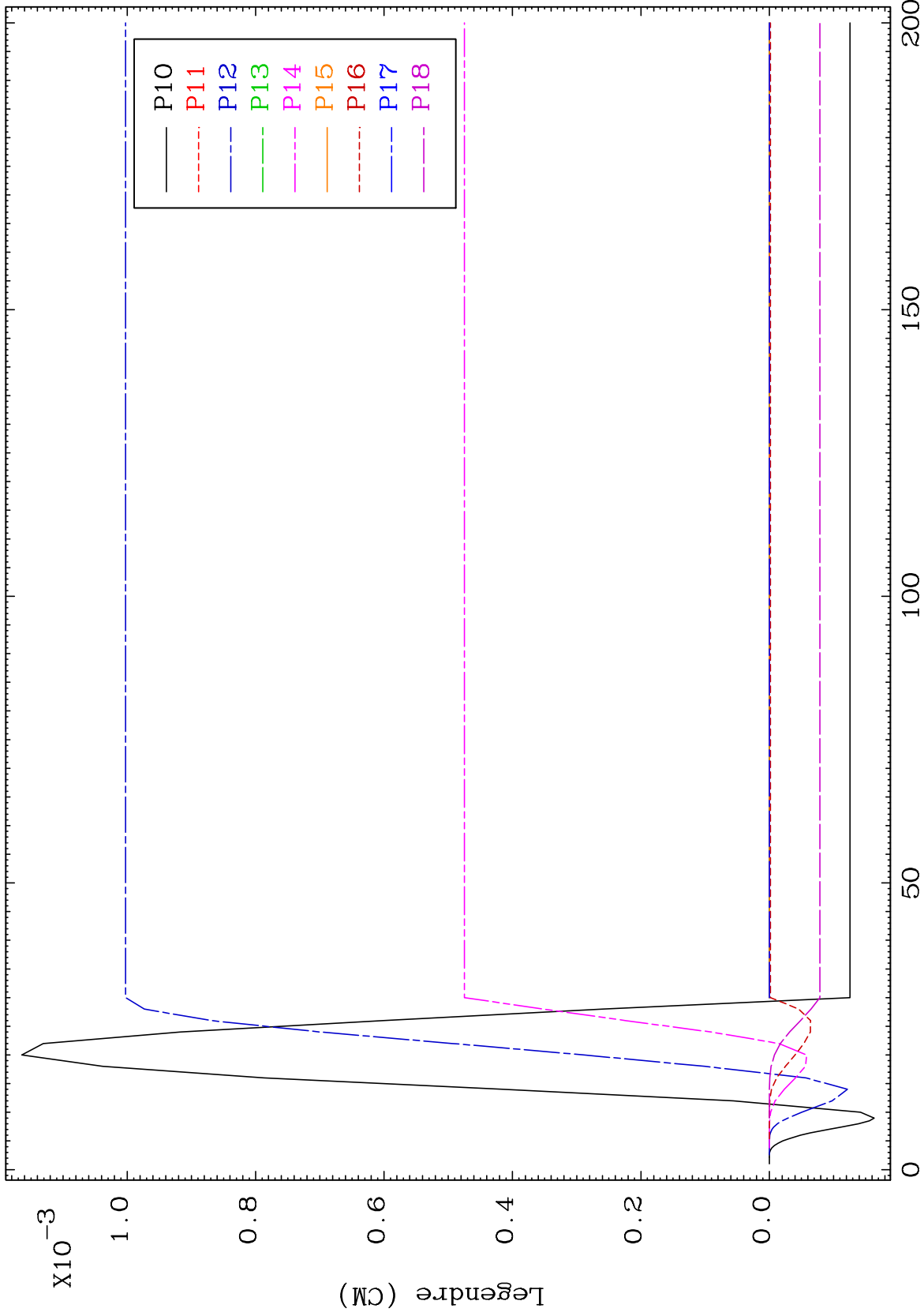
80-Hg-197



MAT 8028

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

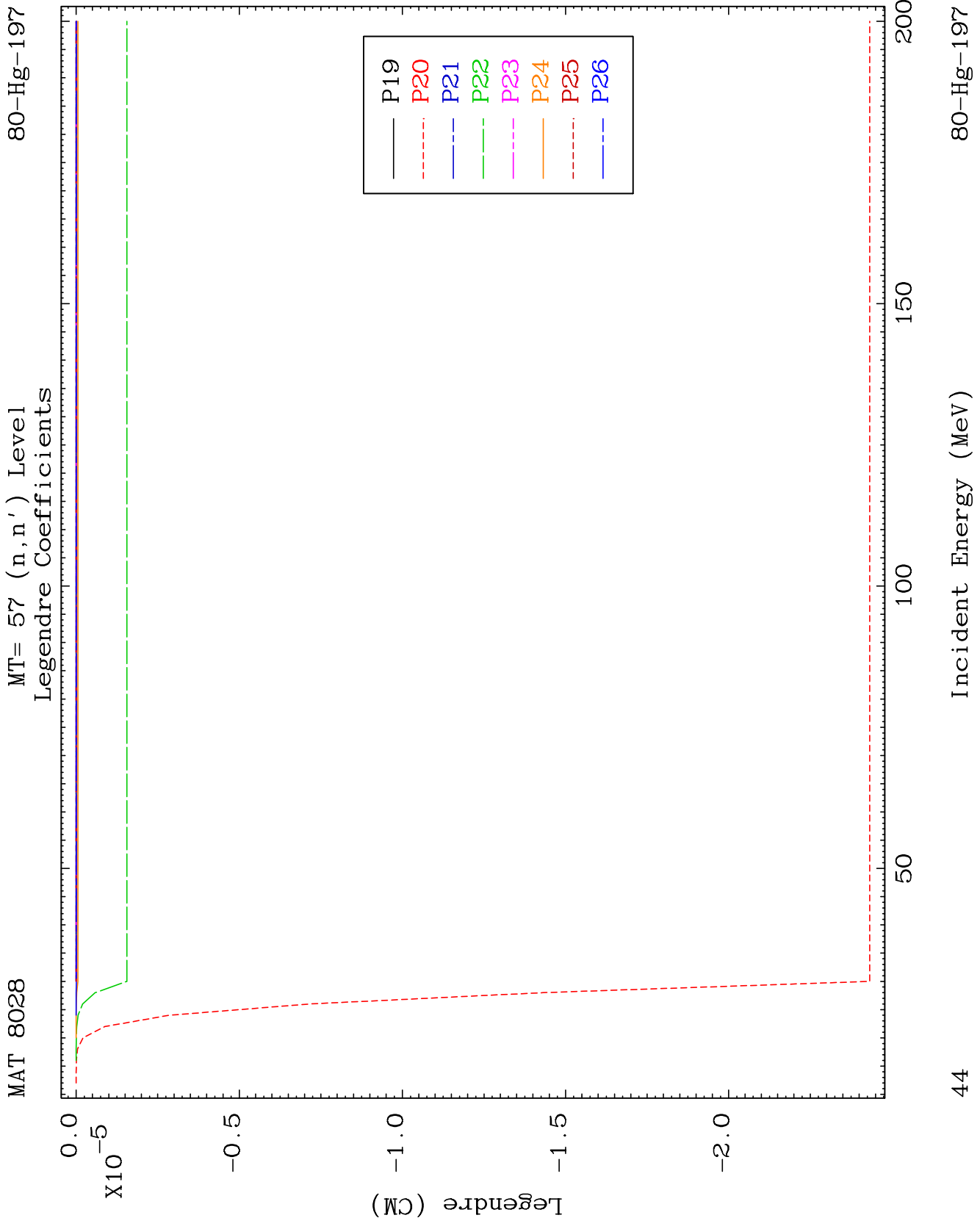
80-Hg-197

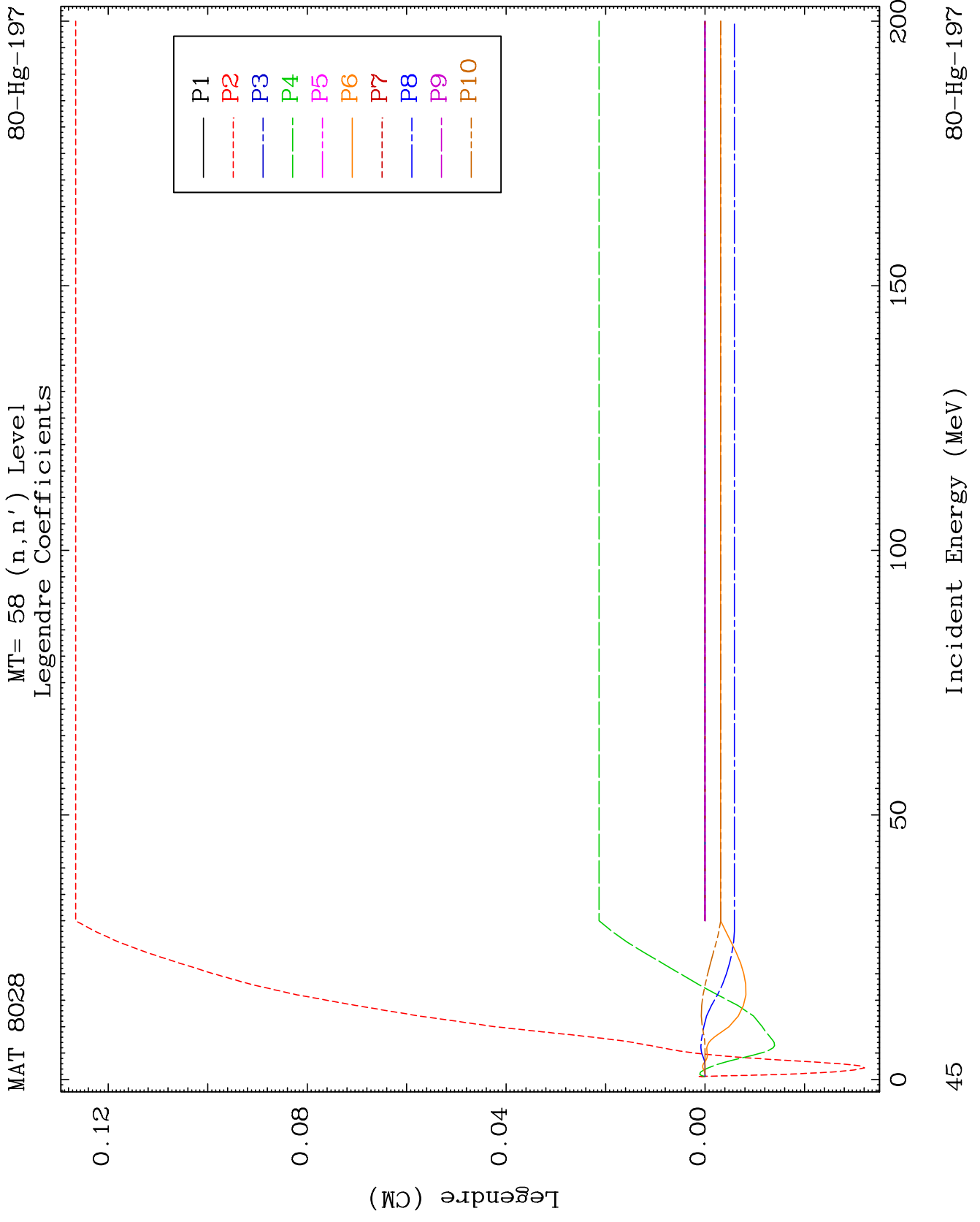


43

Incident Energy (MeV)

80-Hg-197

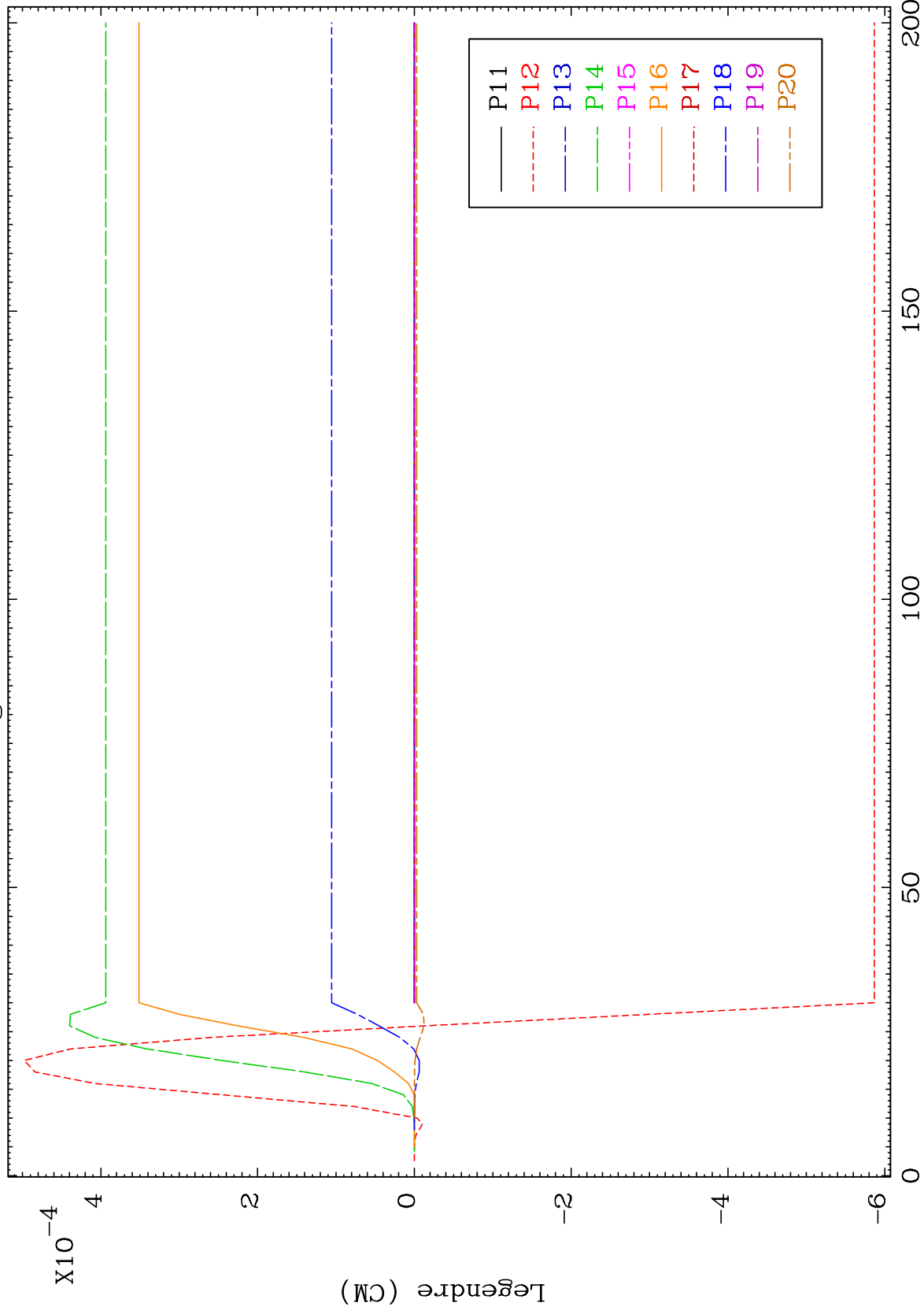




MAT 8028

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

80-Hg-197



46

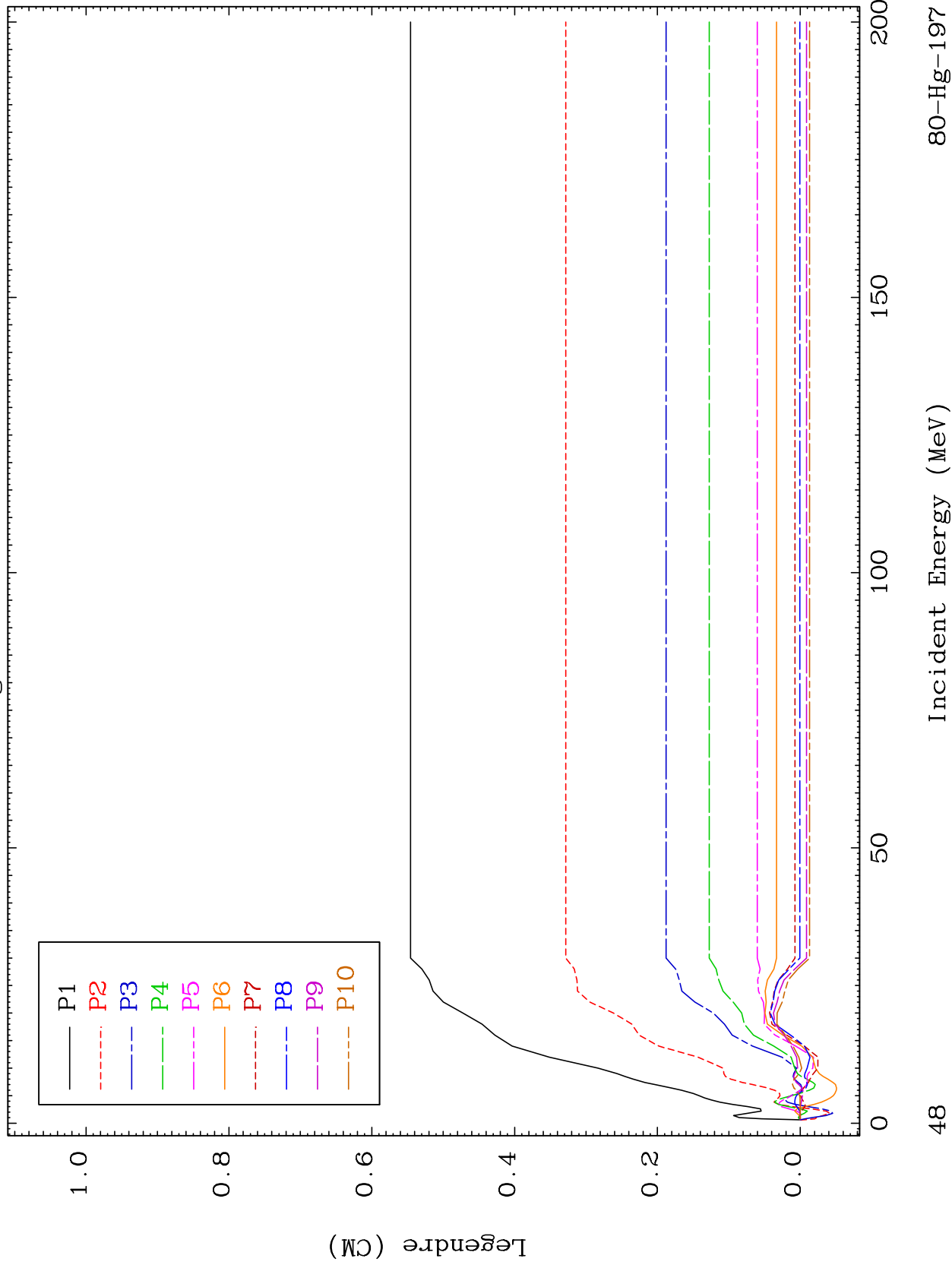
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



80-Hg-197

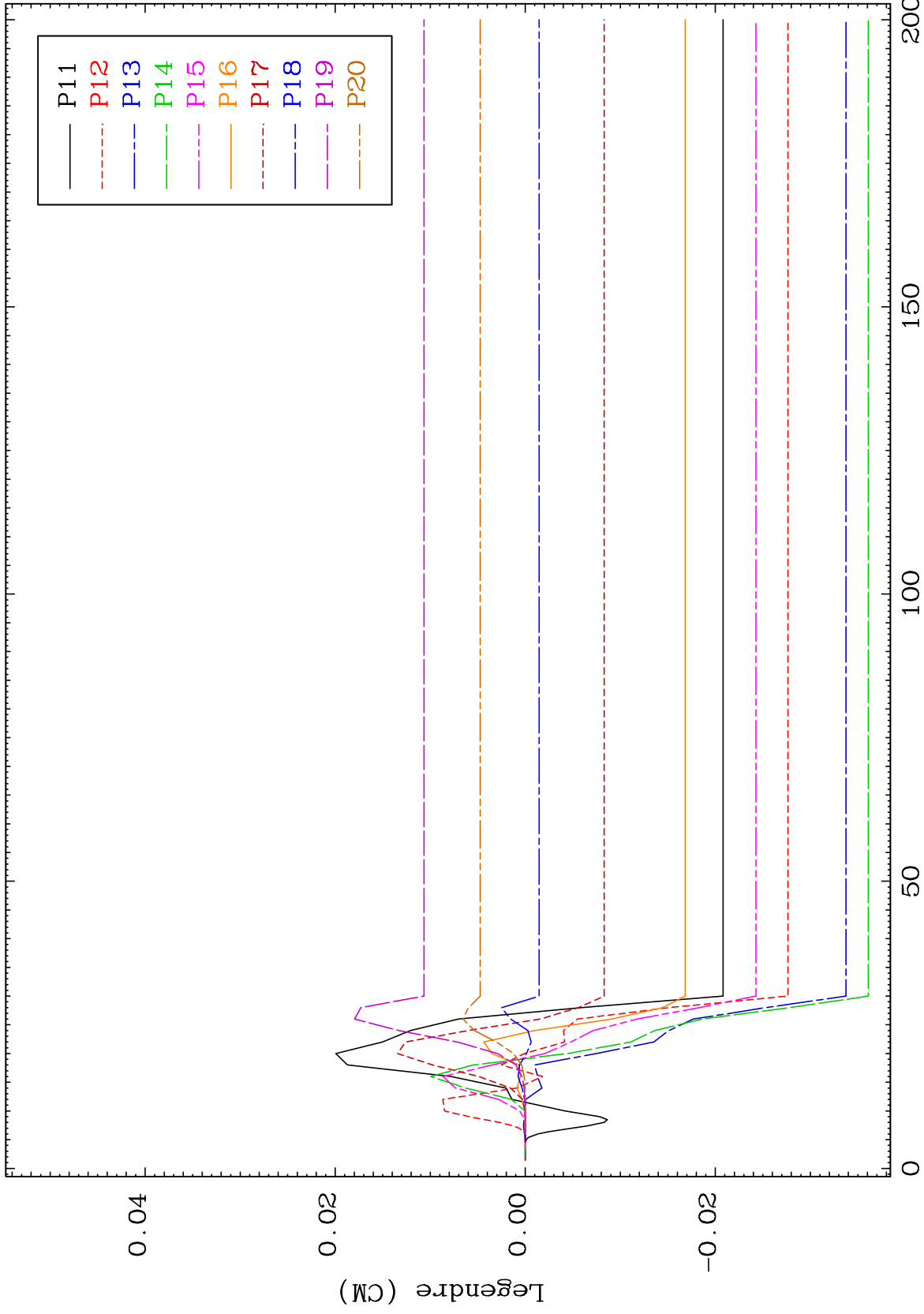
Incident Energy (MeV)

48

MAT 8028

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

80-Hg-197



49

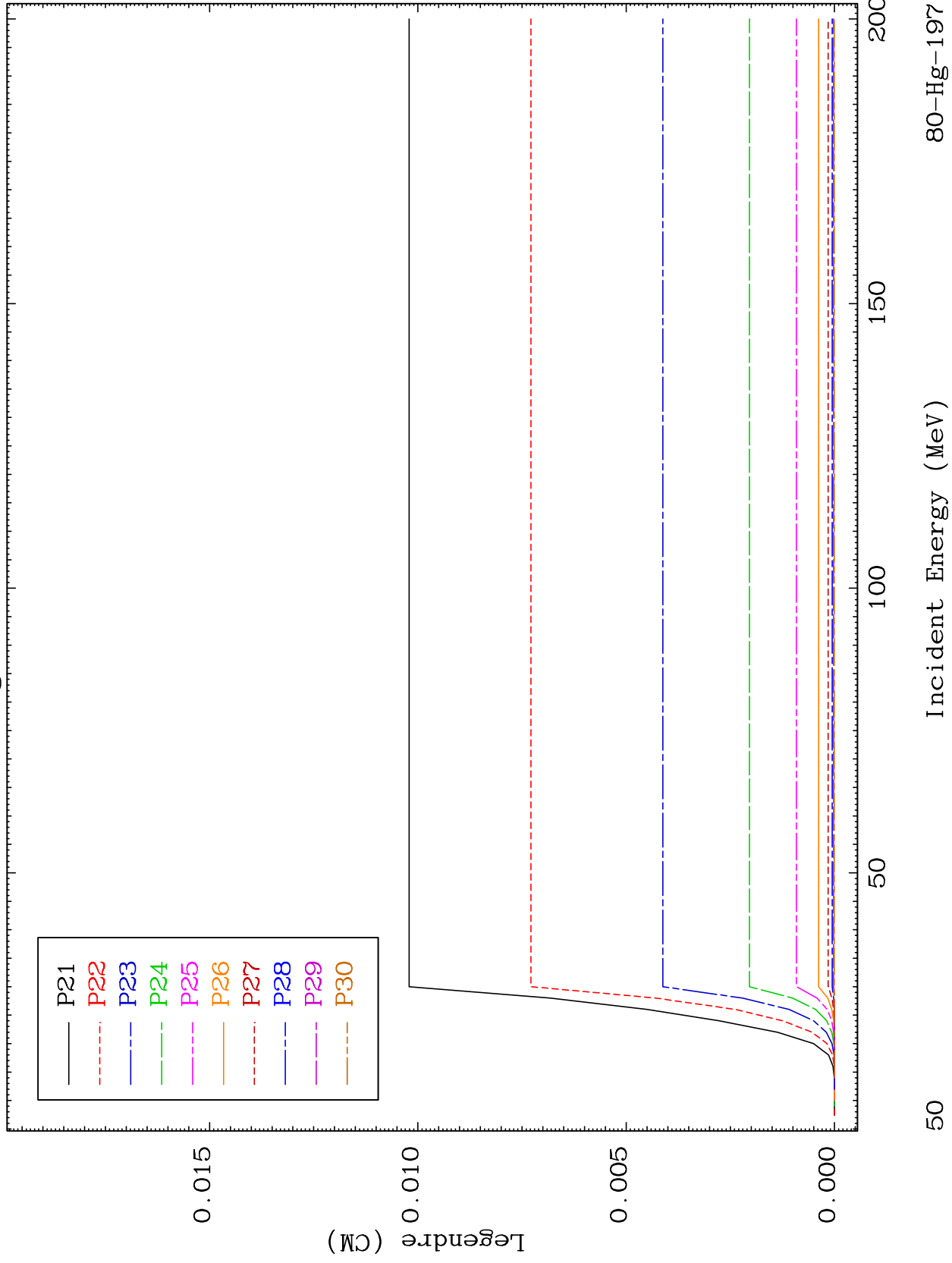
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

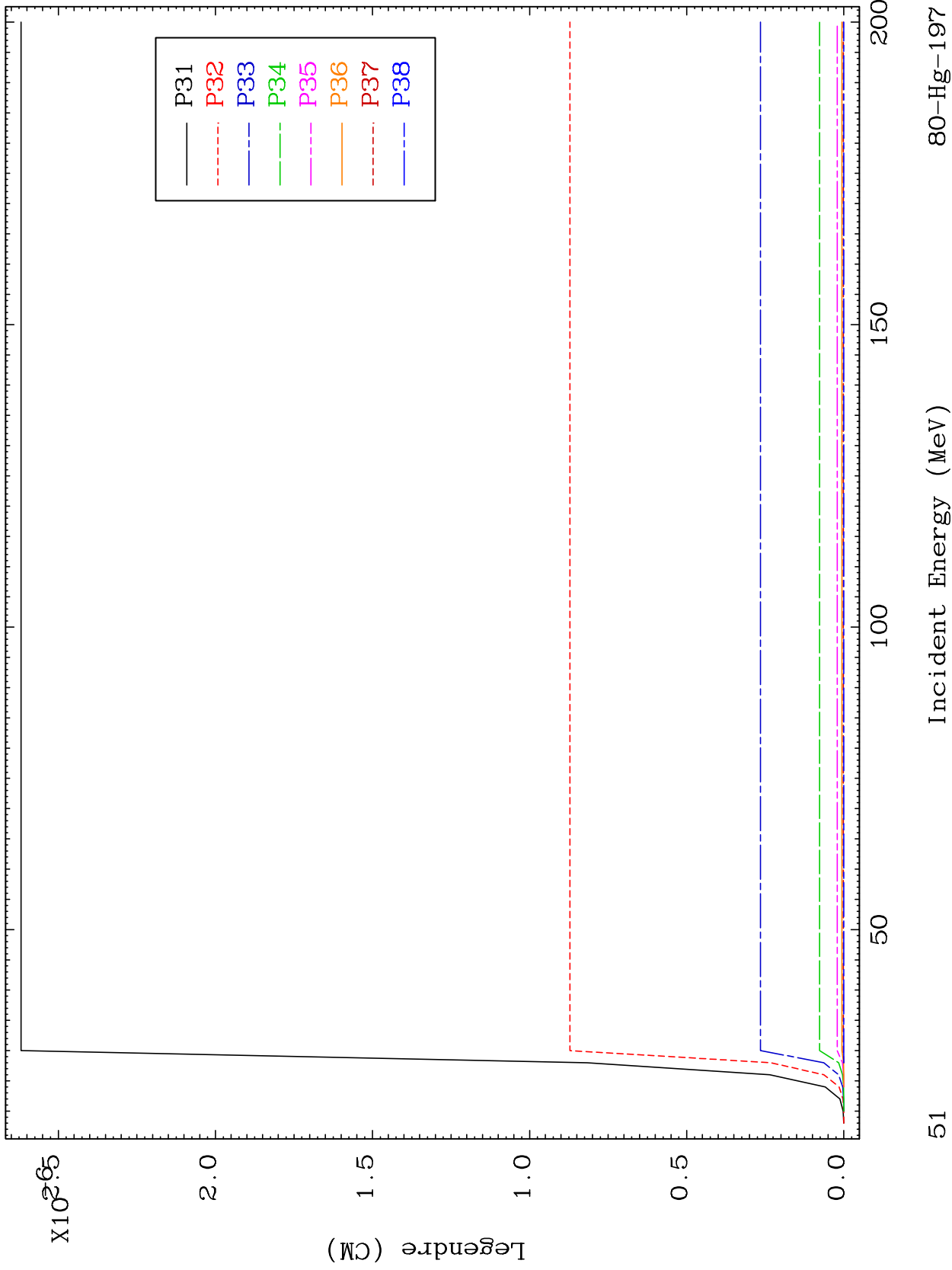
80-Hg-197



MAT 8028

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

80-Hg-197



51

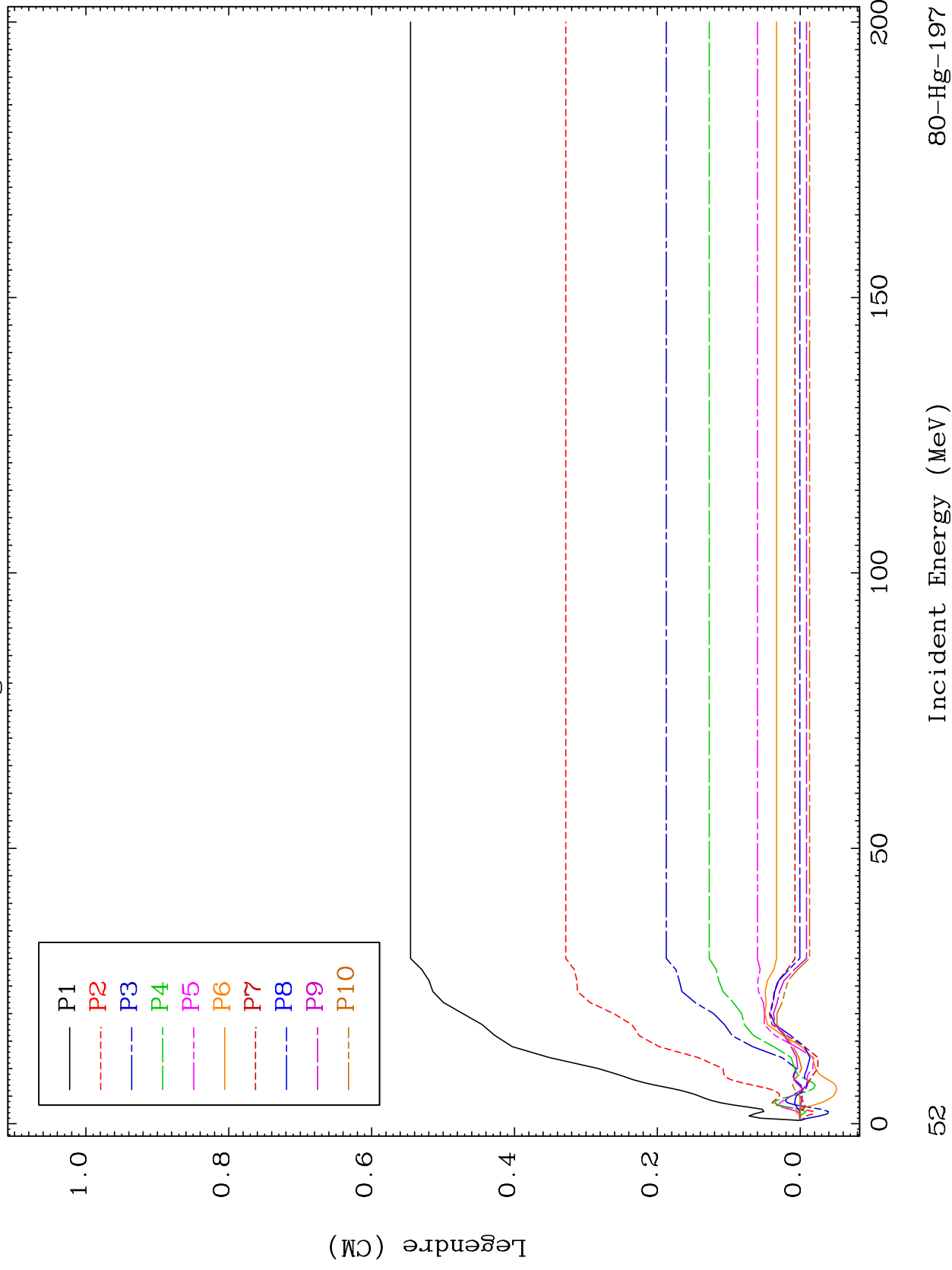
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



52

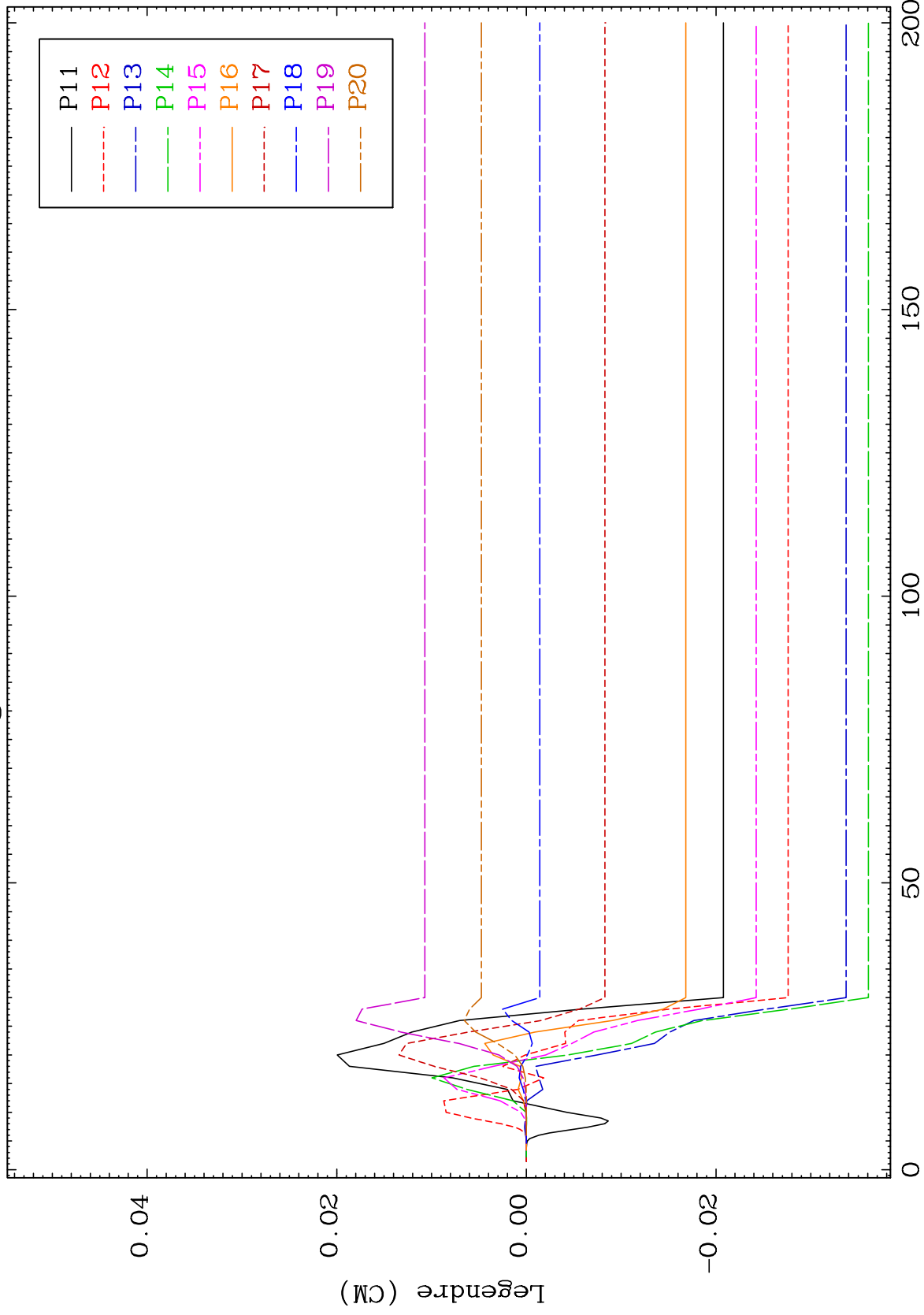
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



53

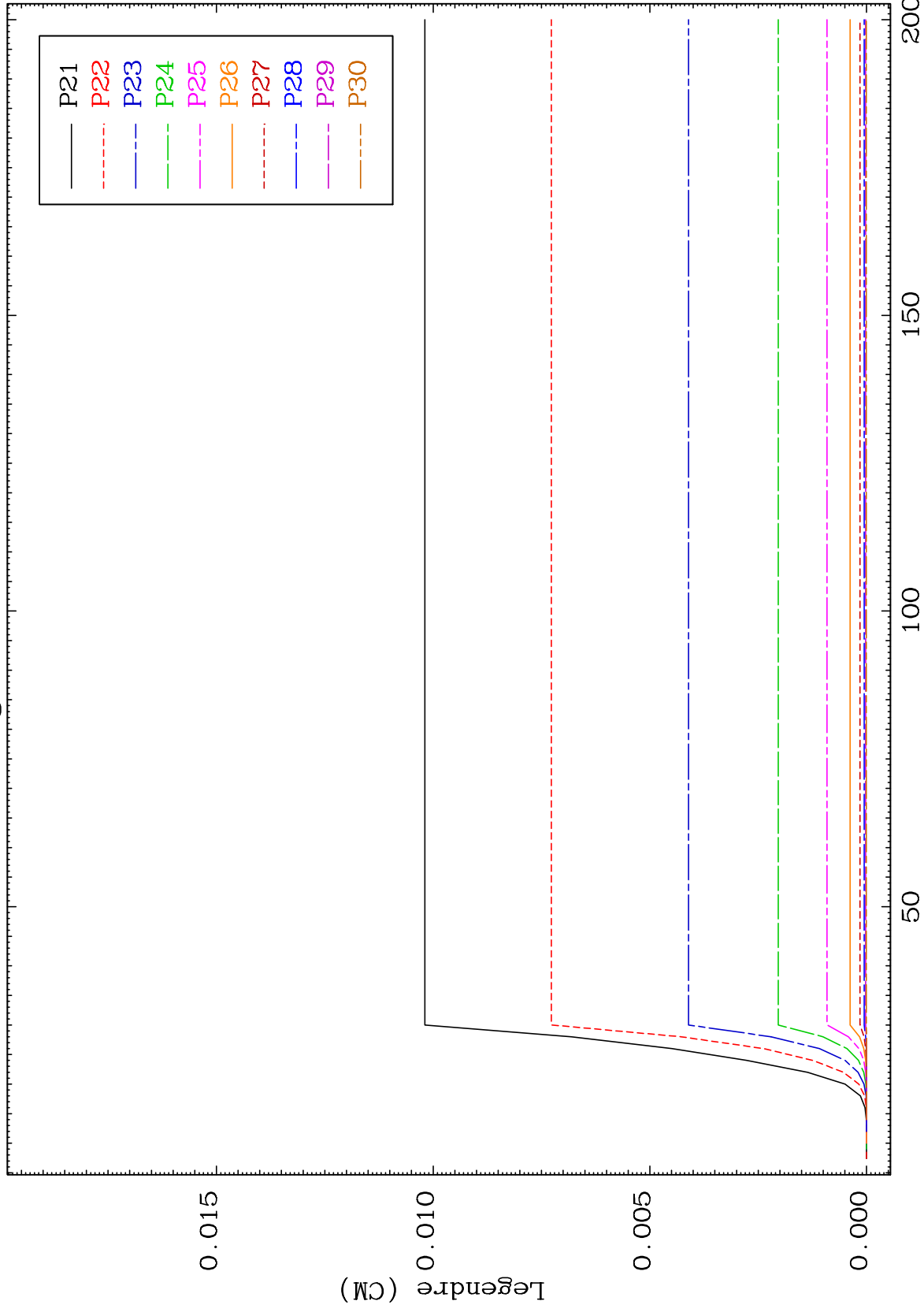
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



54

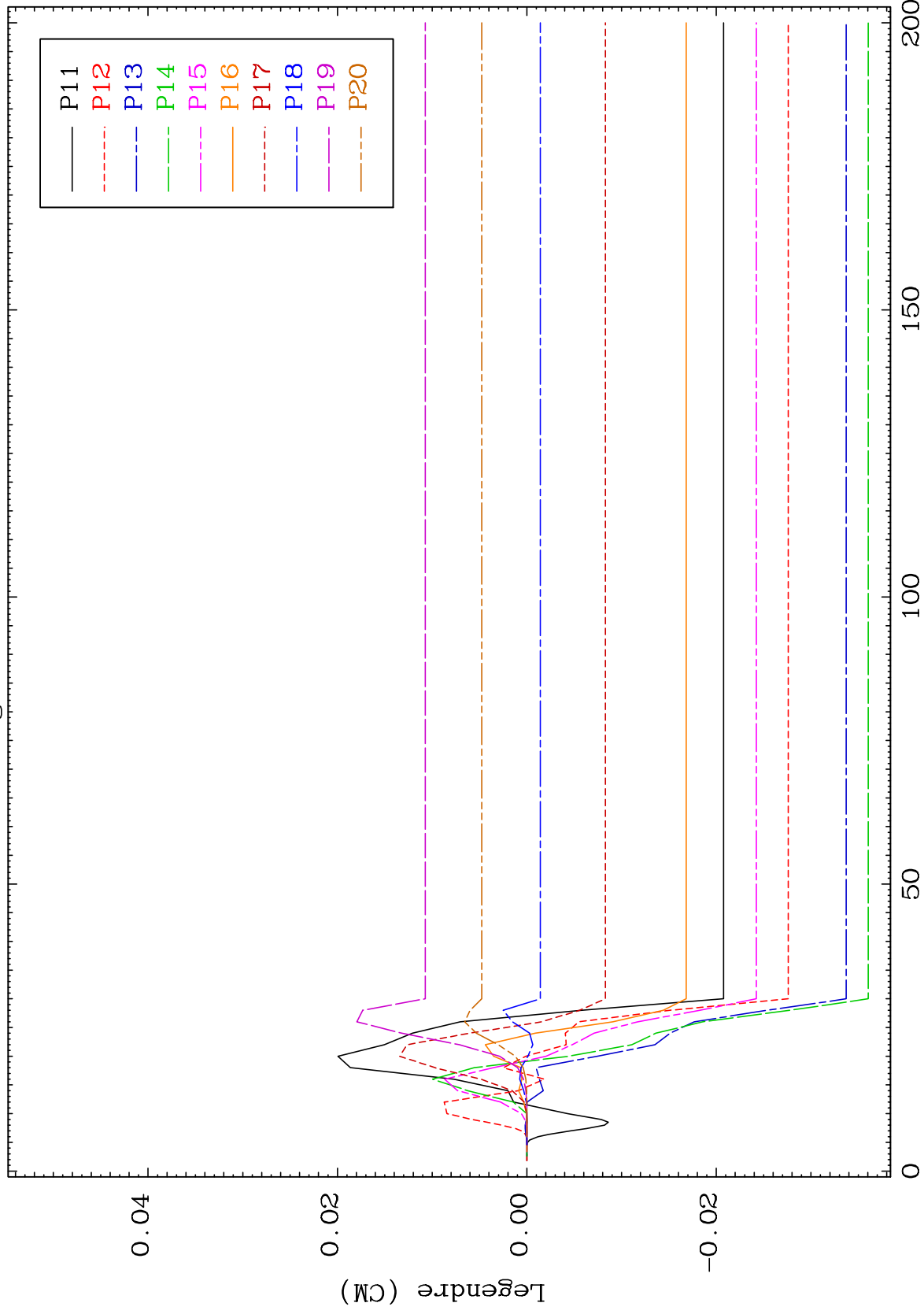
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



57

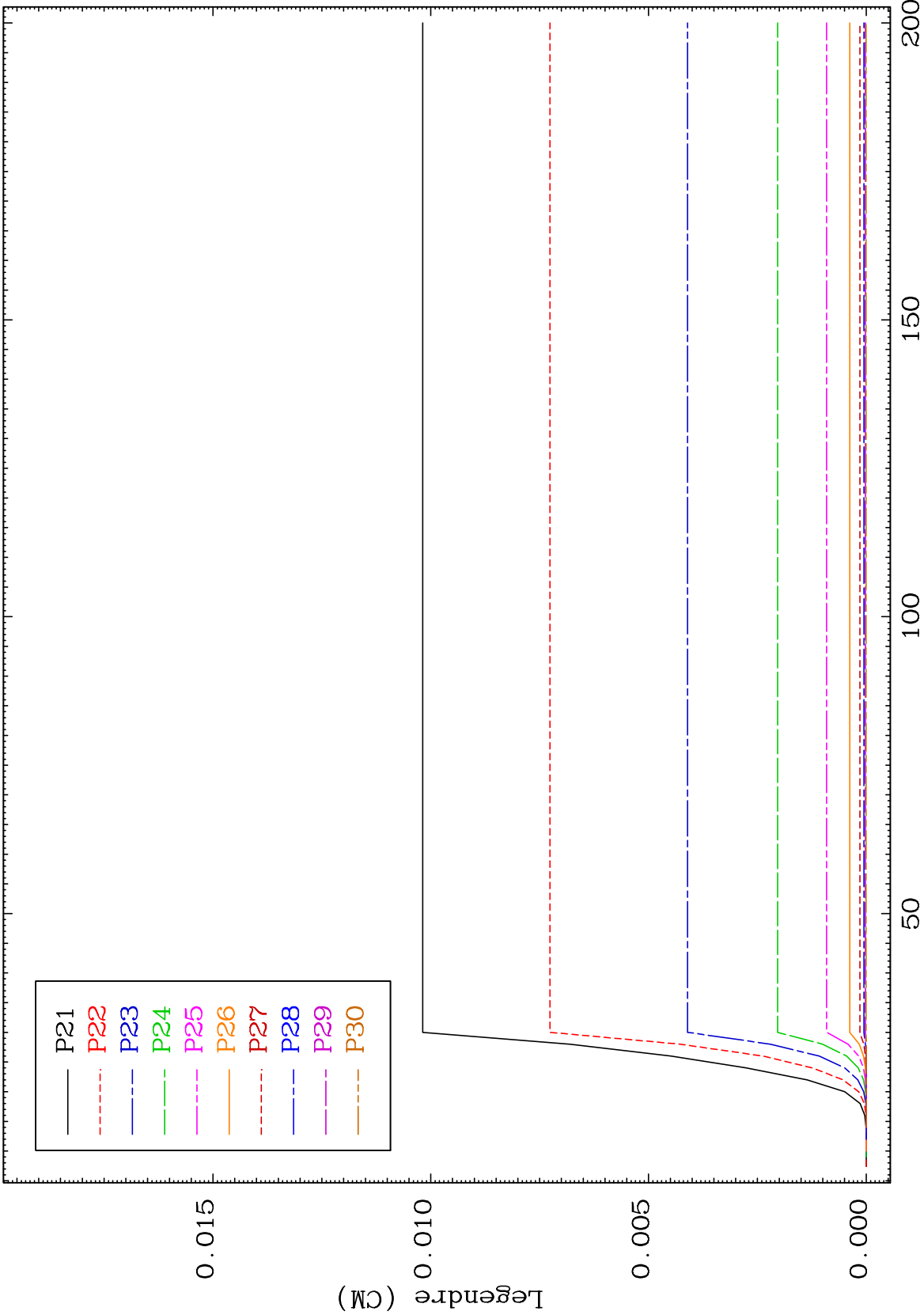
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



58

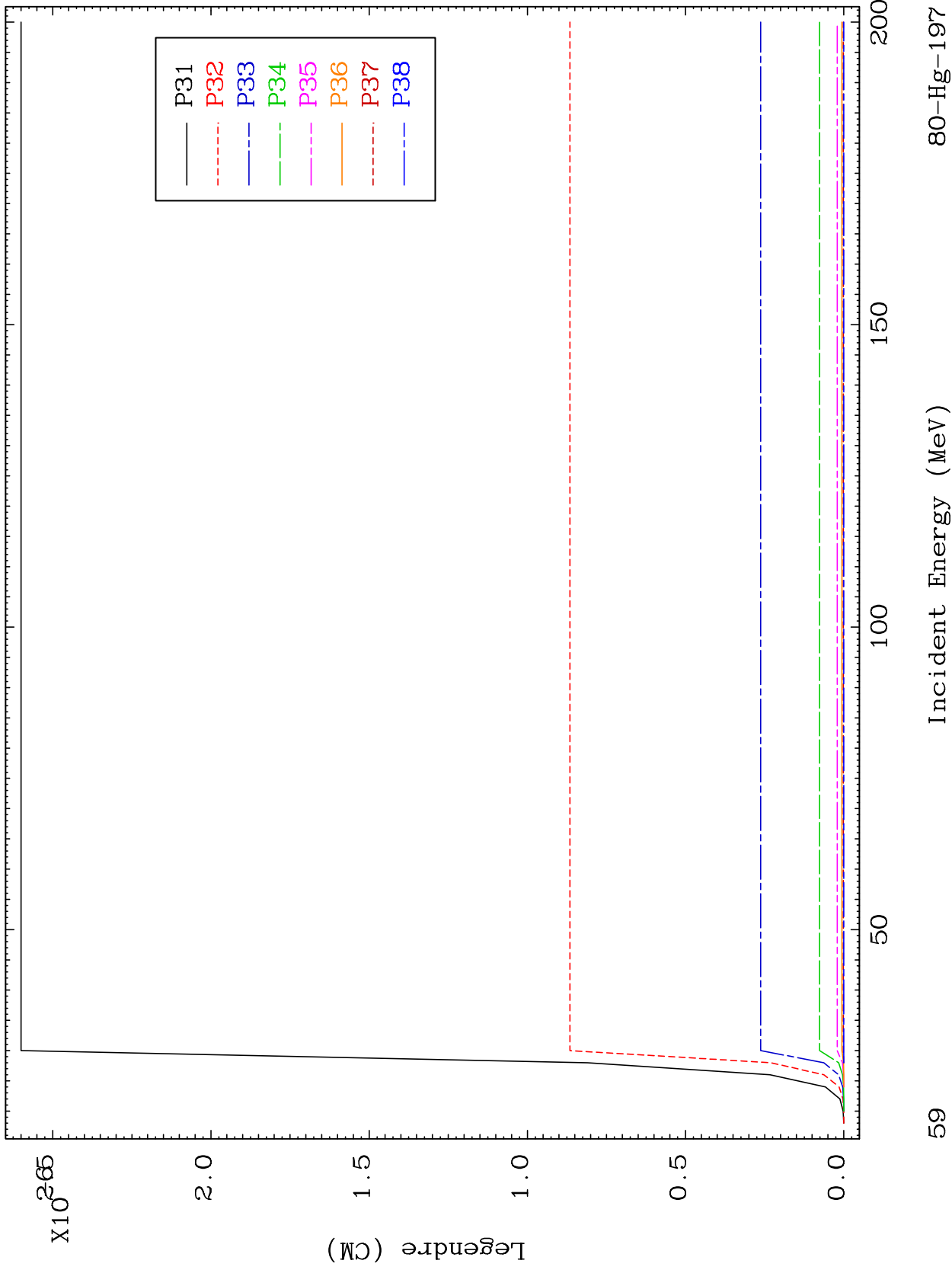
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



59

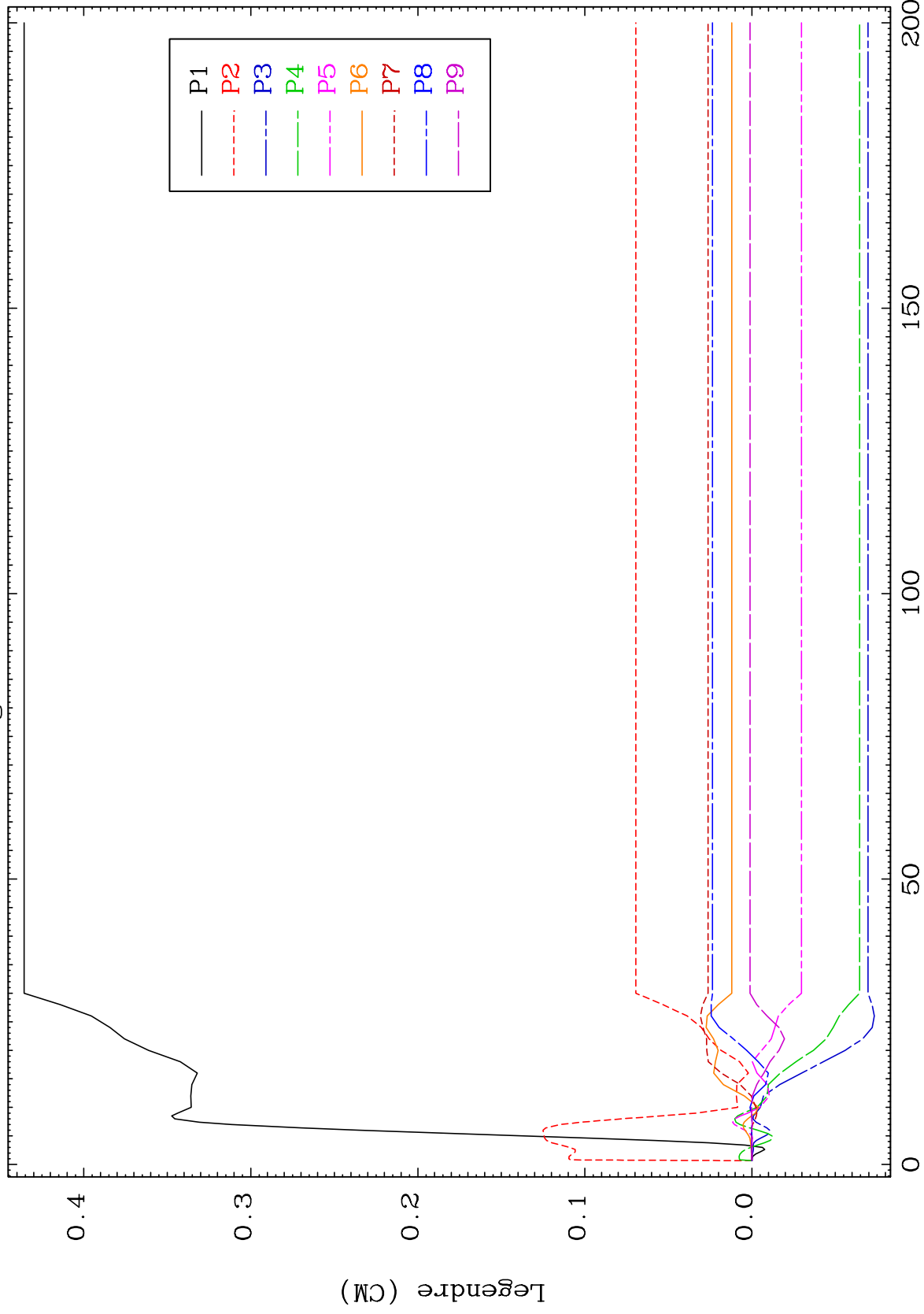
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



80-Hg-197

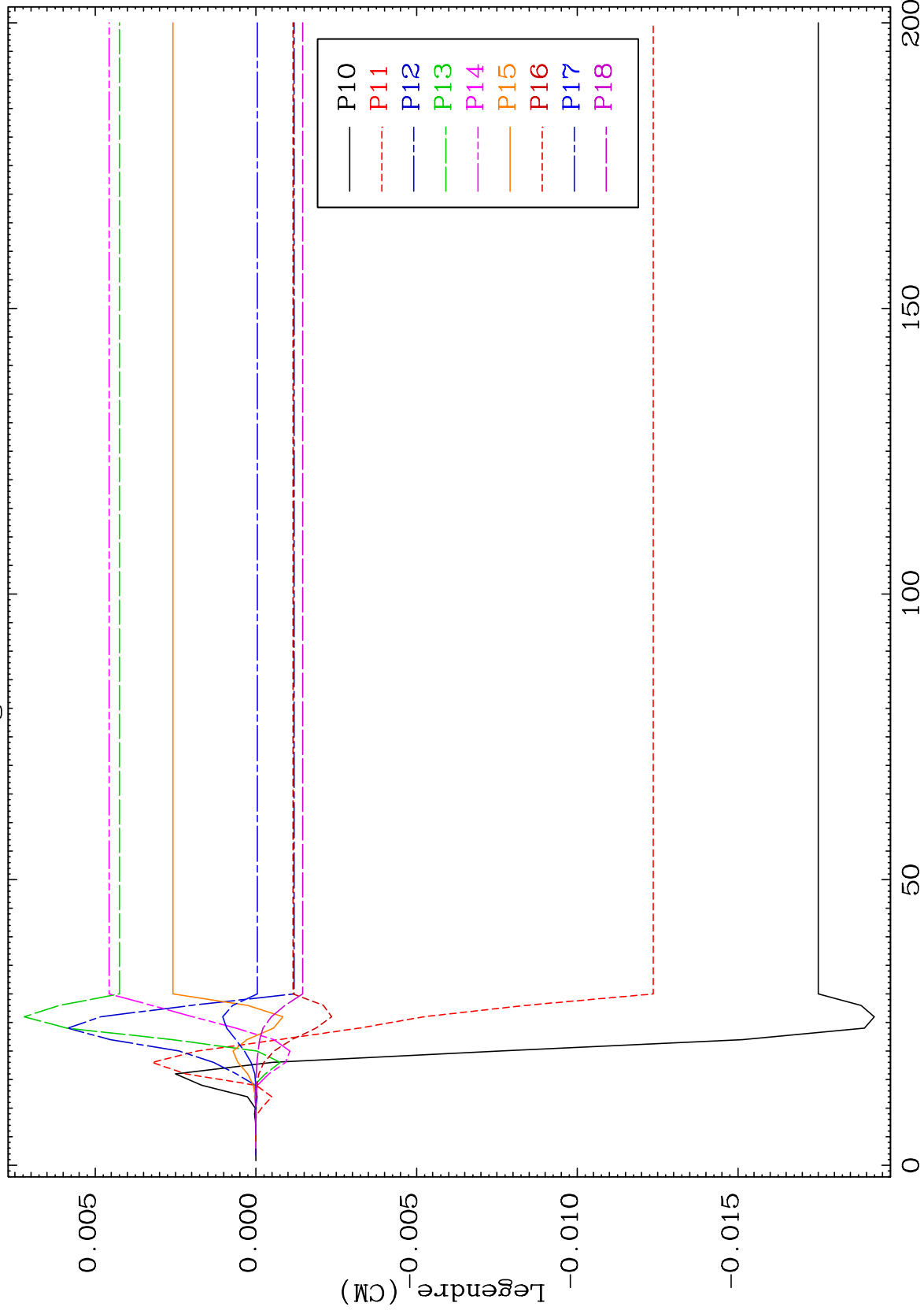
Incident Energy (MeV)

60

MAT 8028

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

80-Hg-197



61

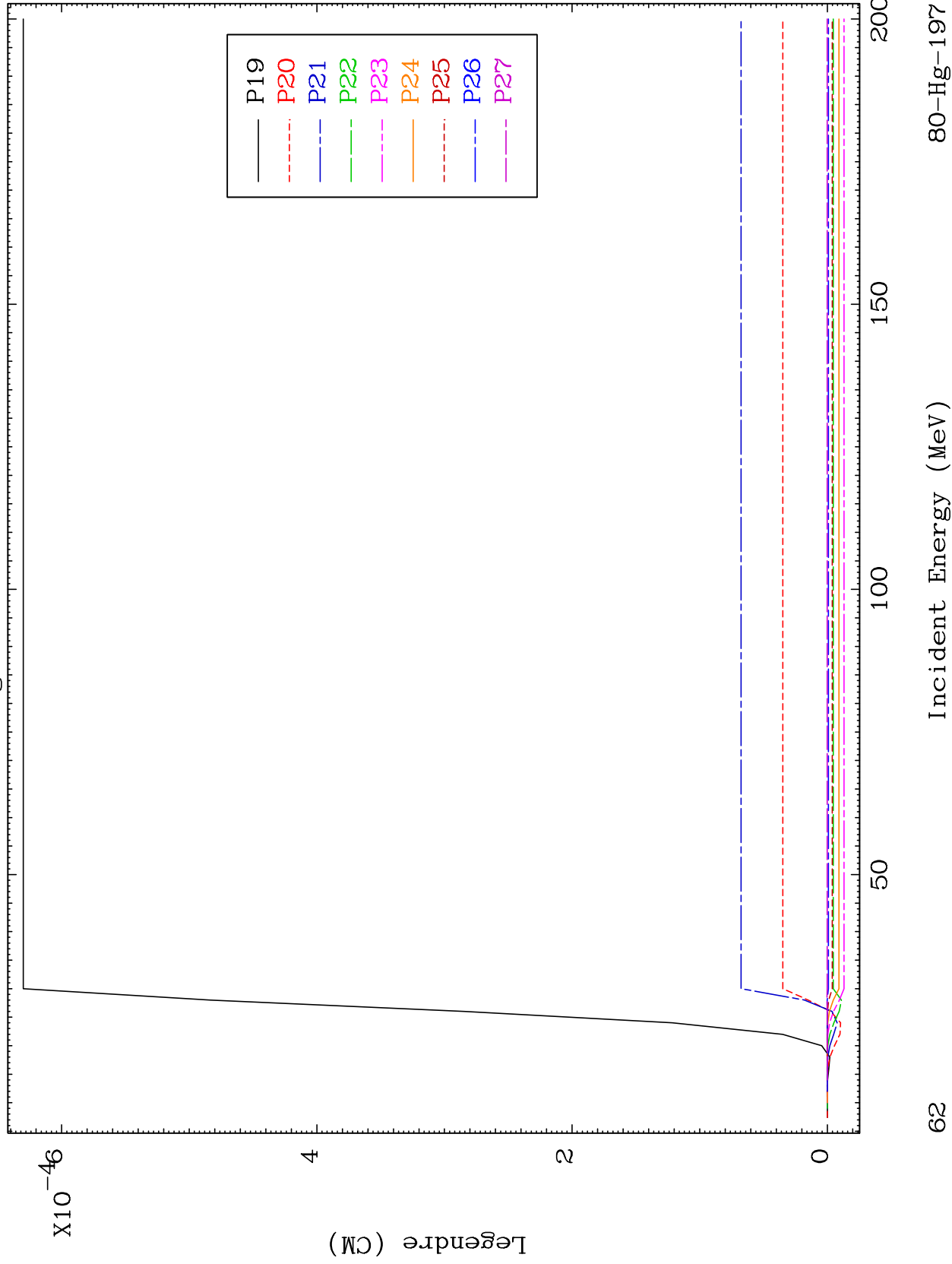
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

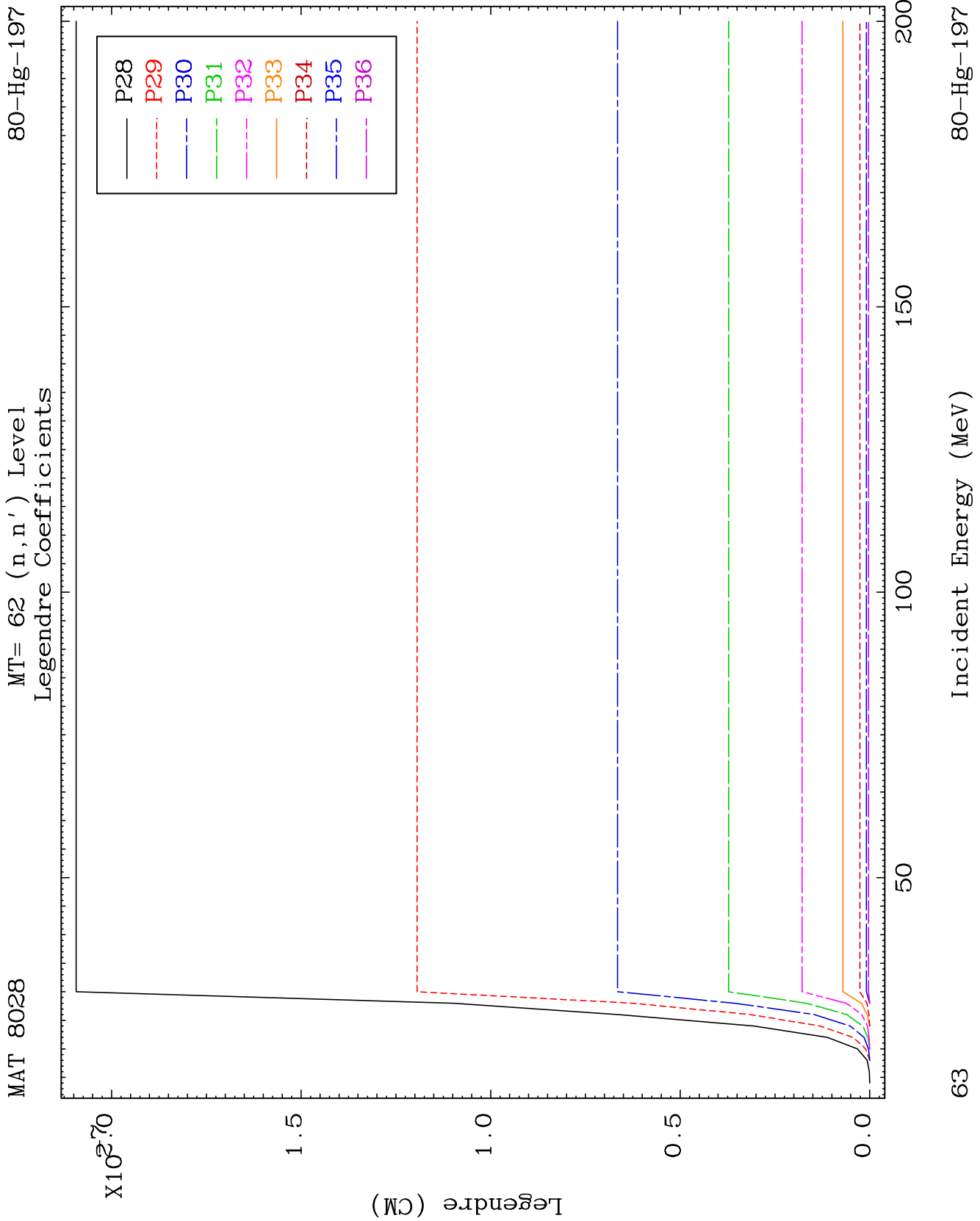
80-Hg-197

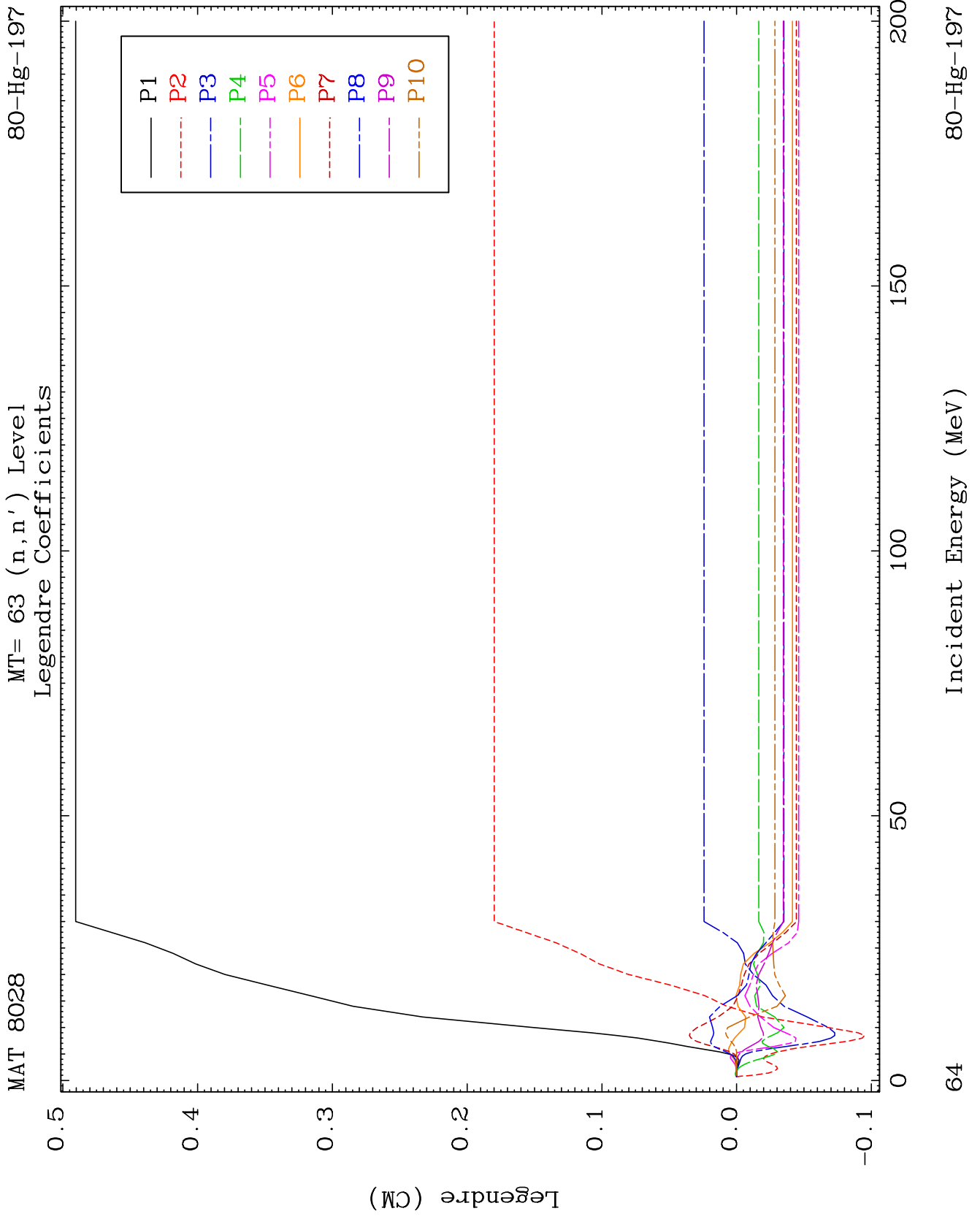


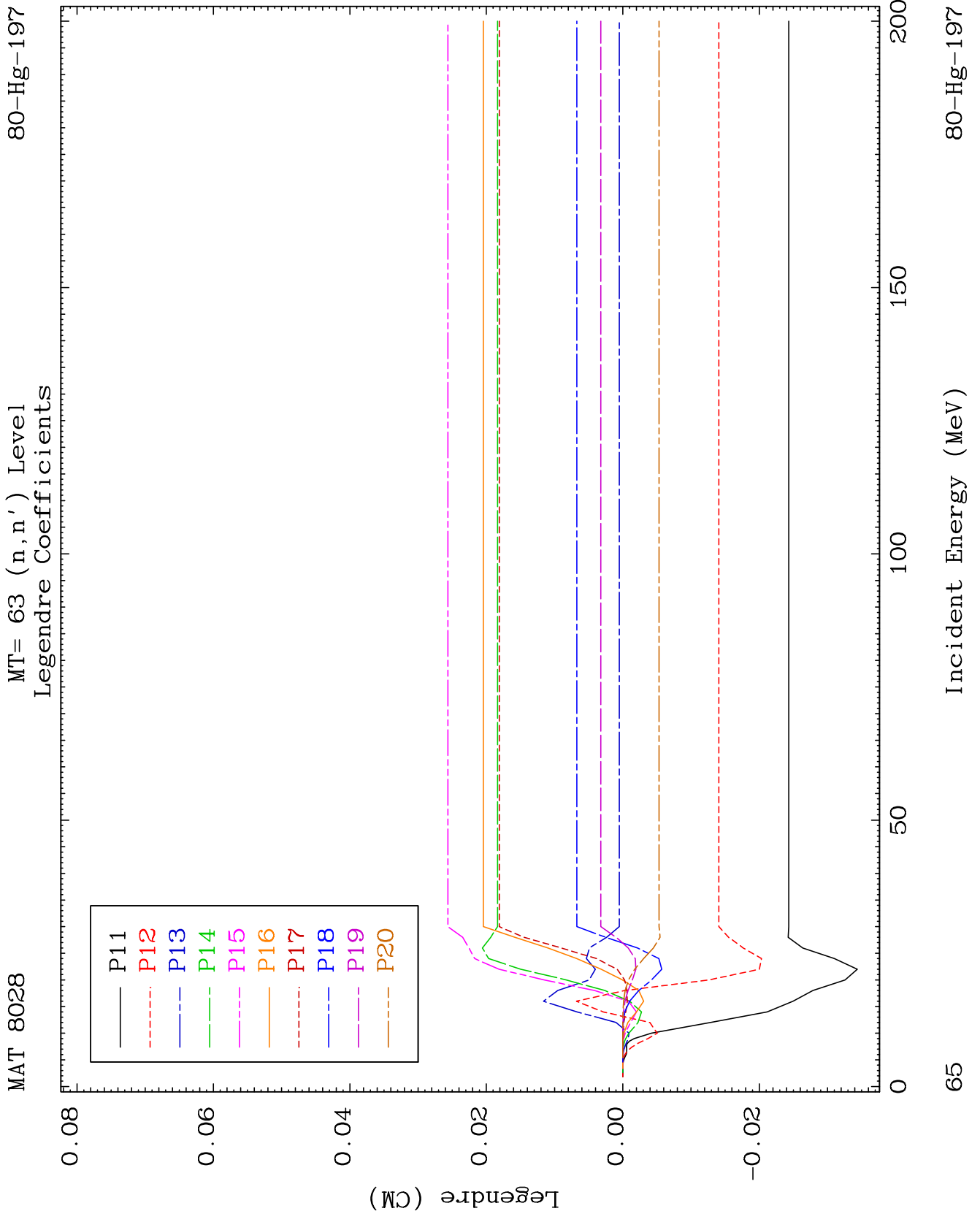
62

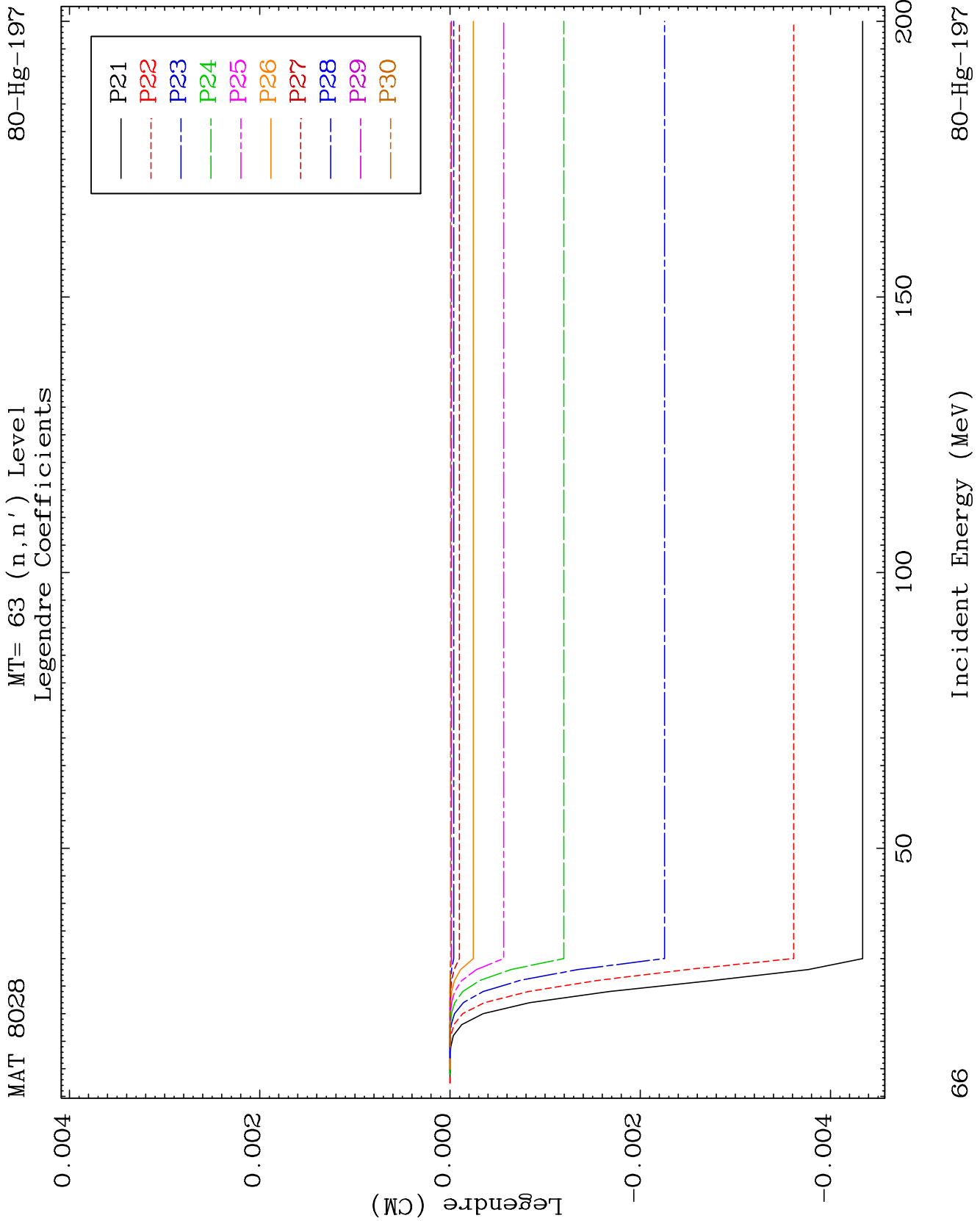
Incident Energy (MeV)

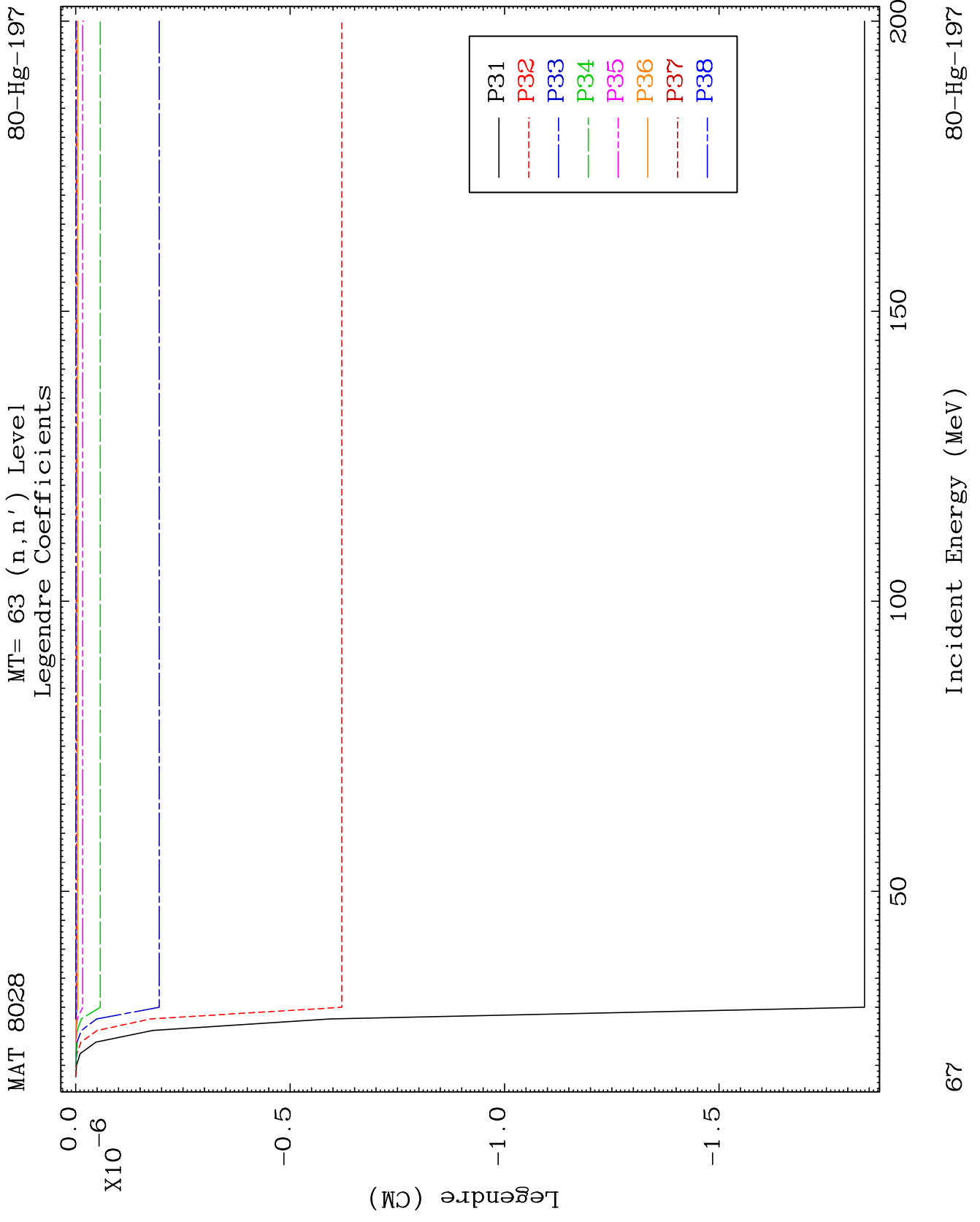
80-Hg-197







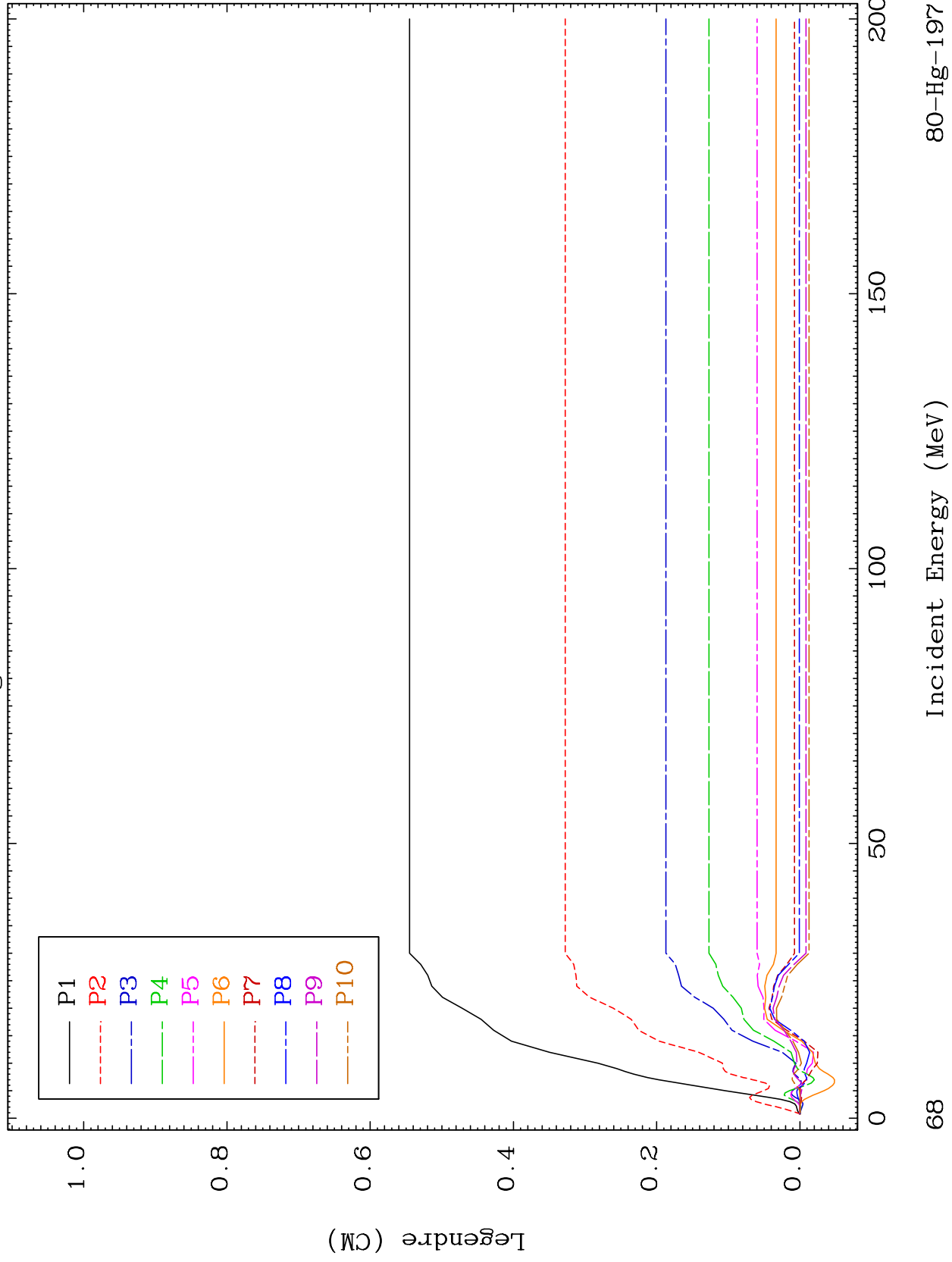




MAT 8028

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

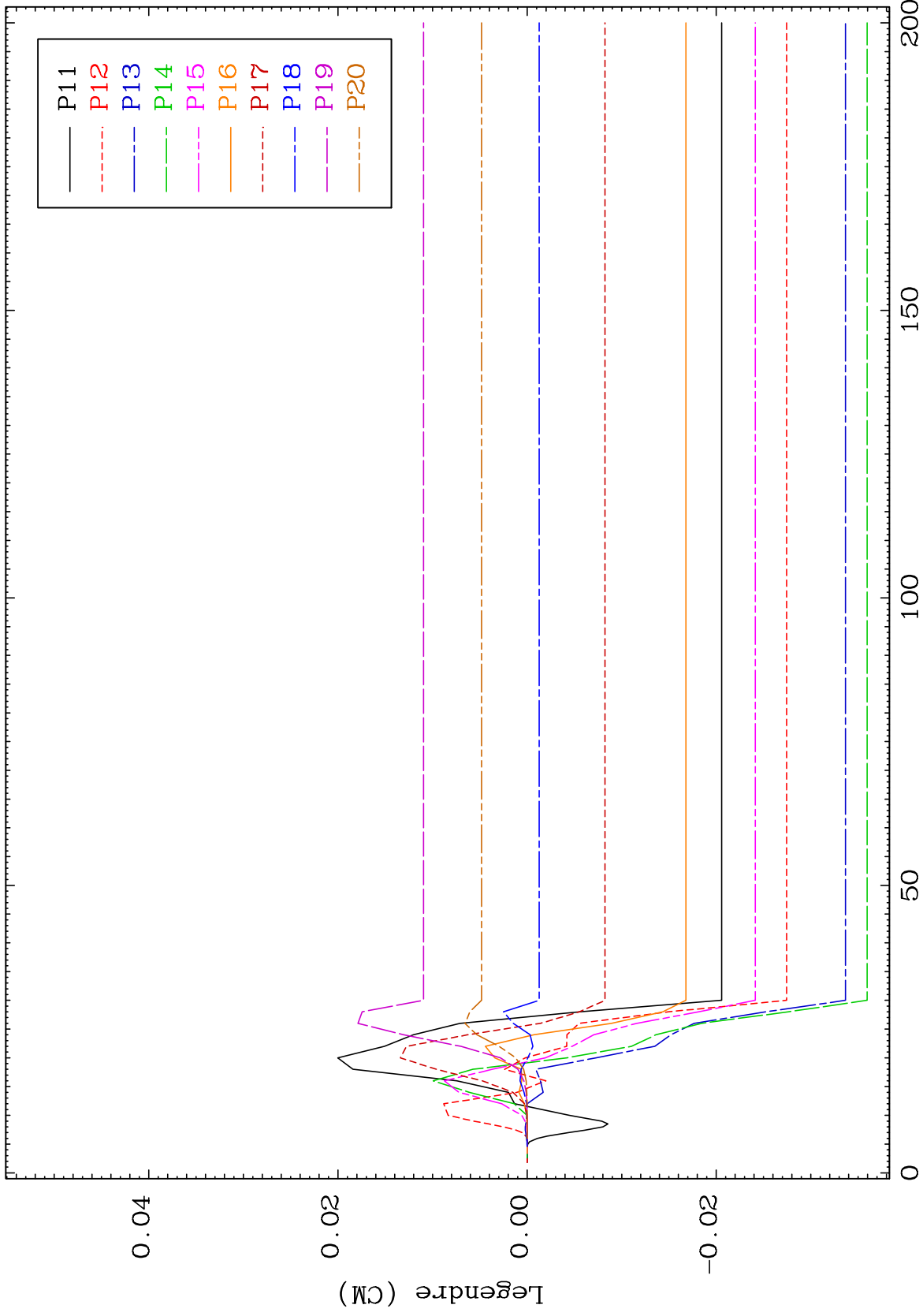
80-Hg-197



MAT 8028

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

80-Hg-197



69

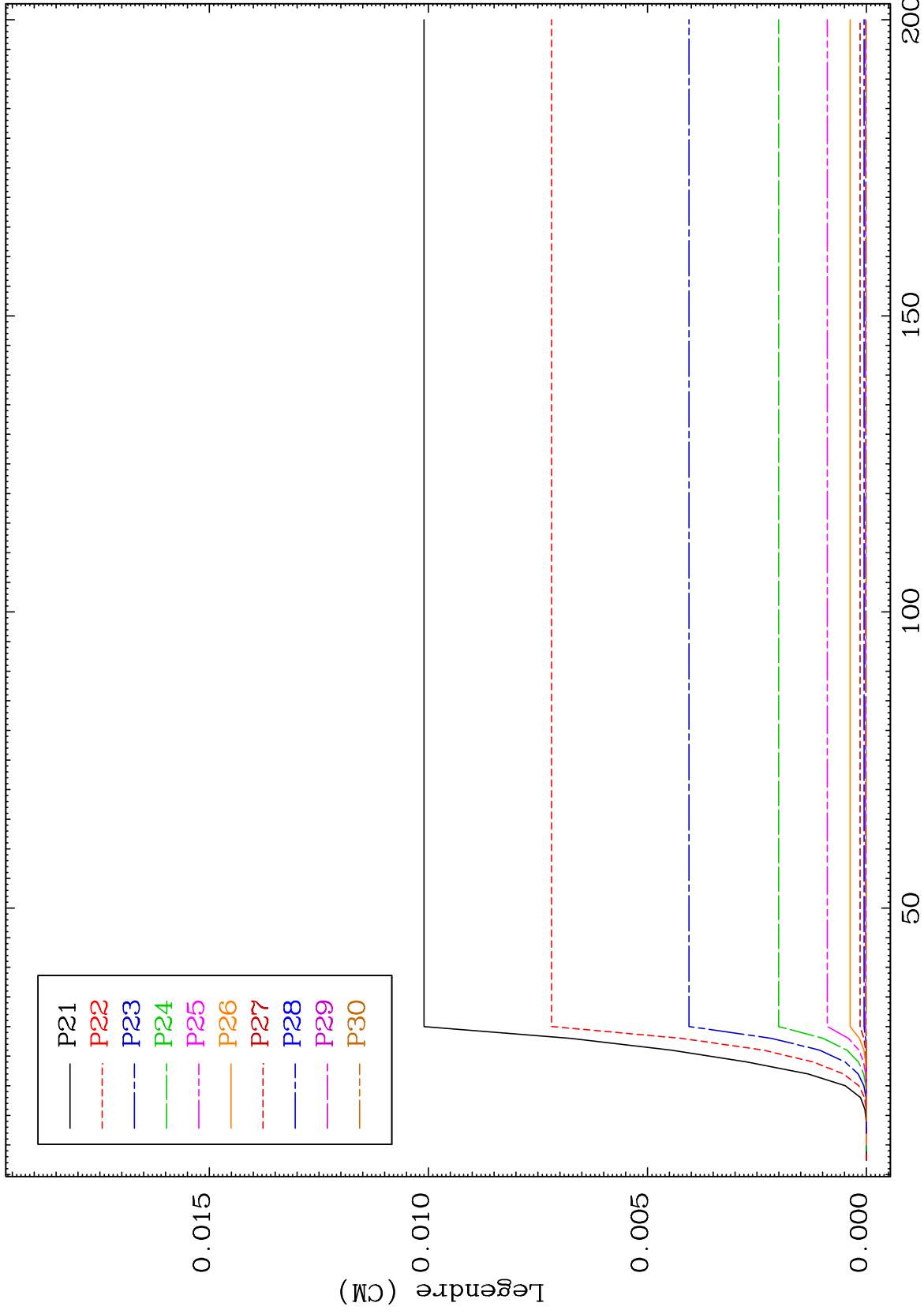
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



70

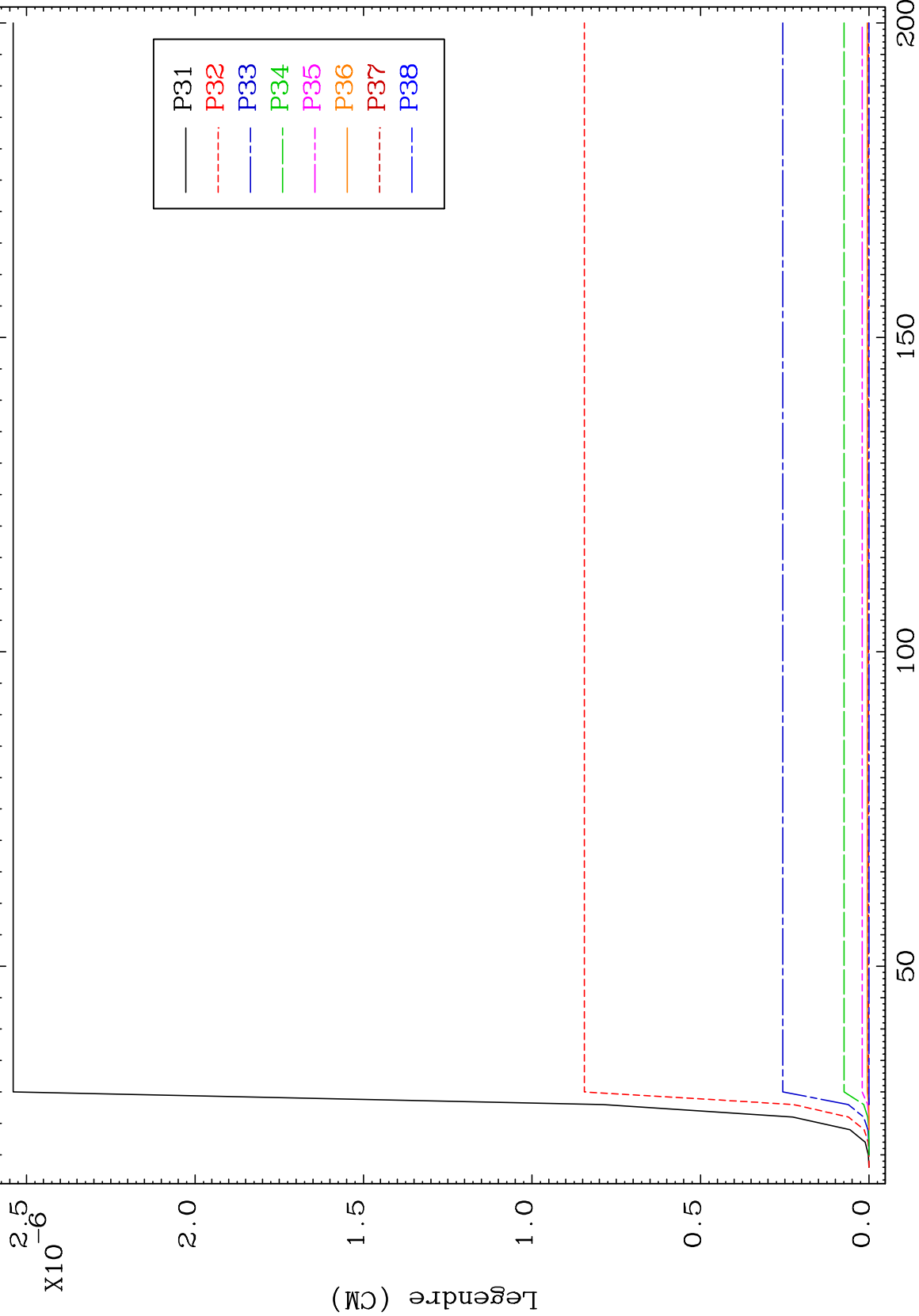
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



71

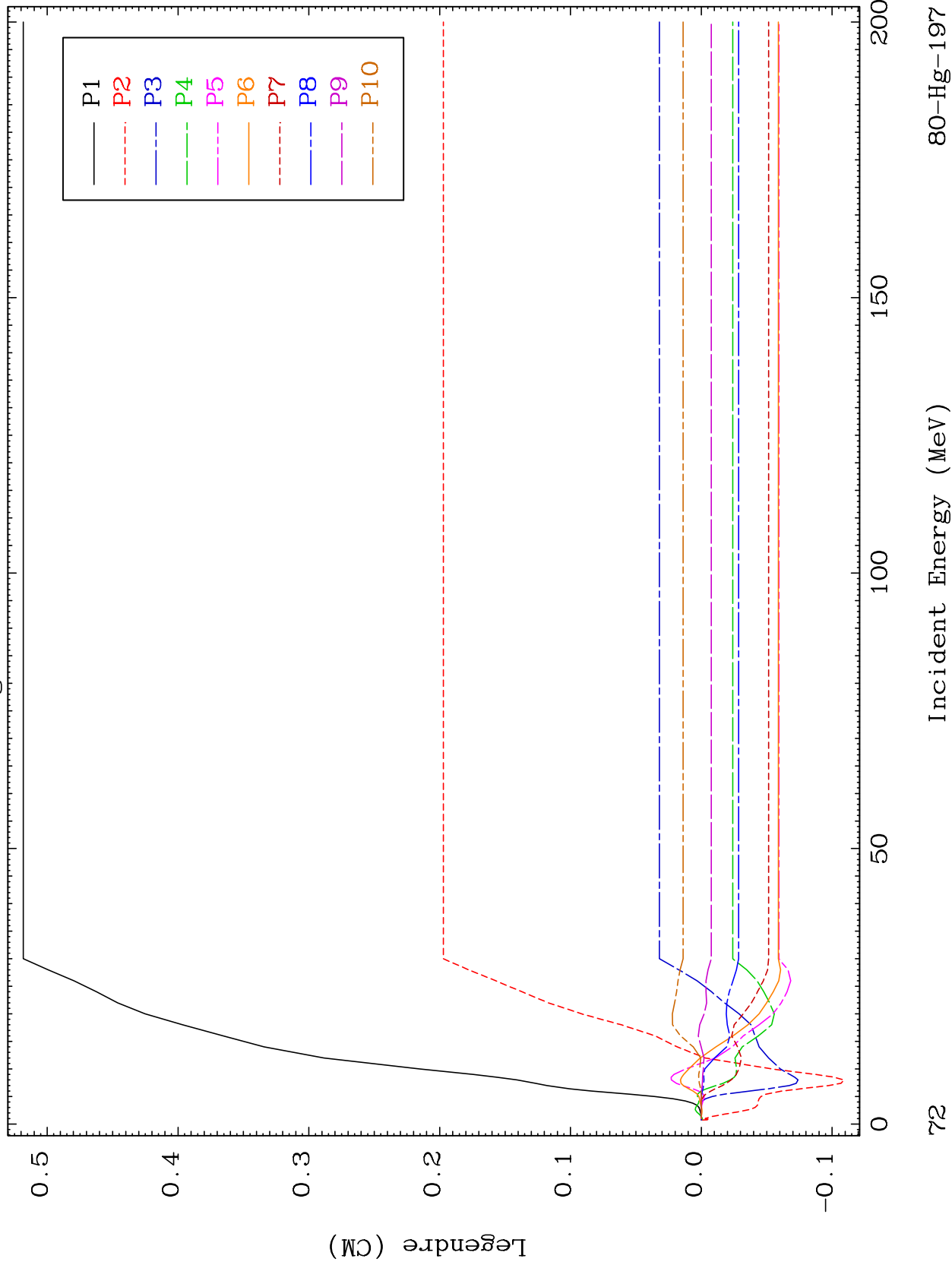
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



80-Hg-197

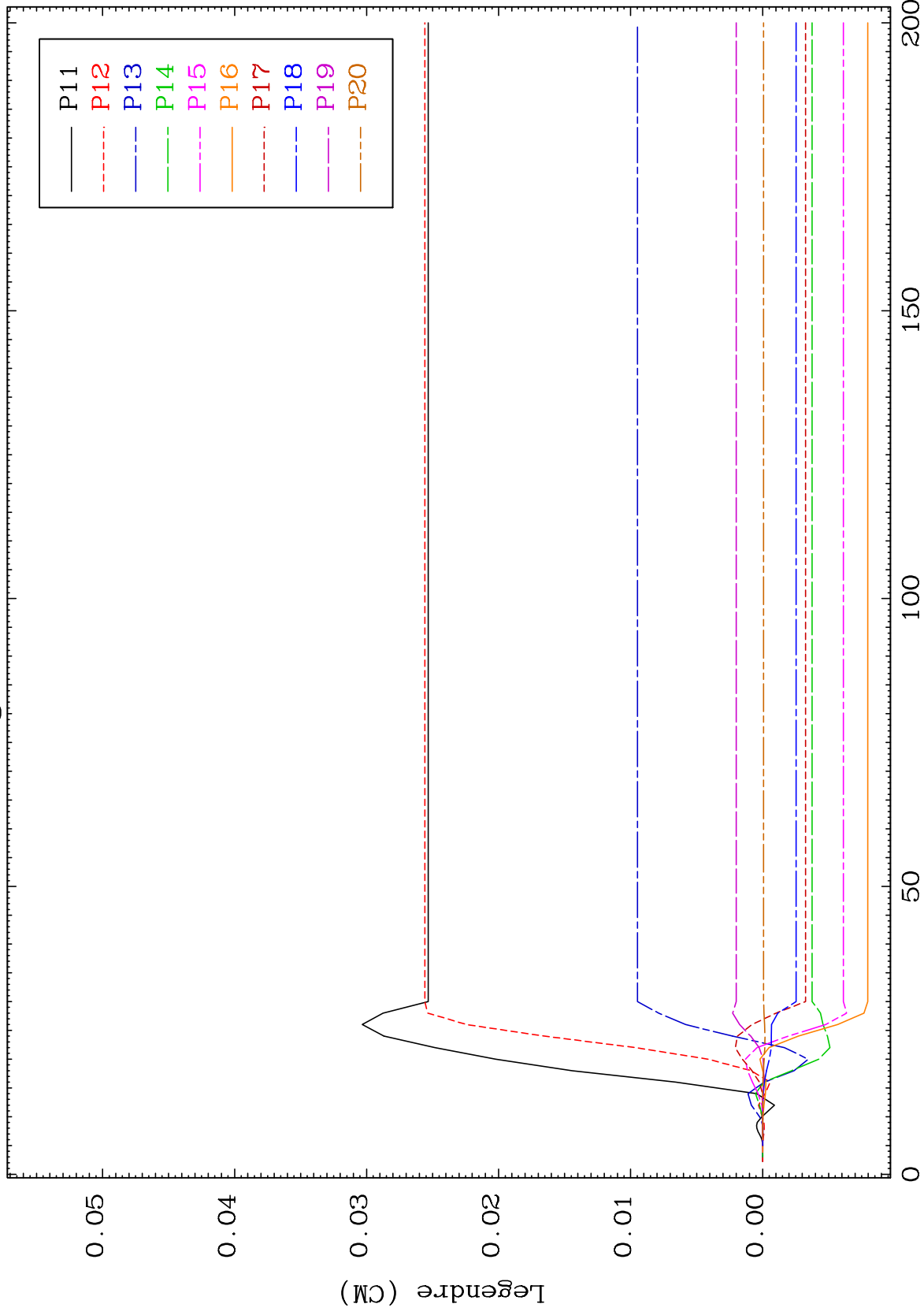
Incident Energy (MeV)

72

MAT 8028

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

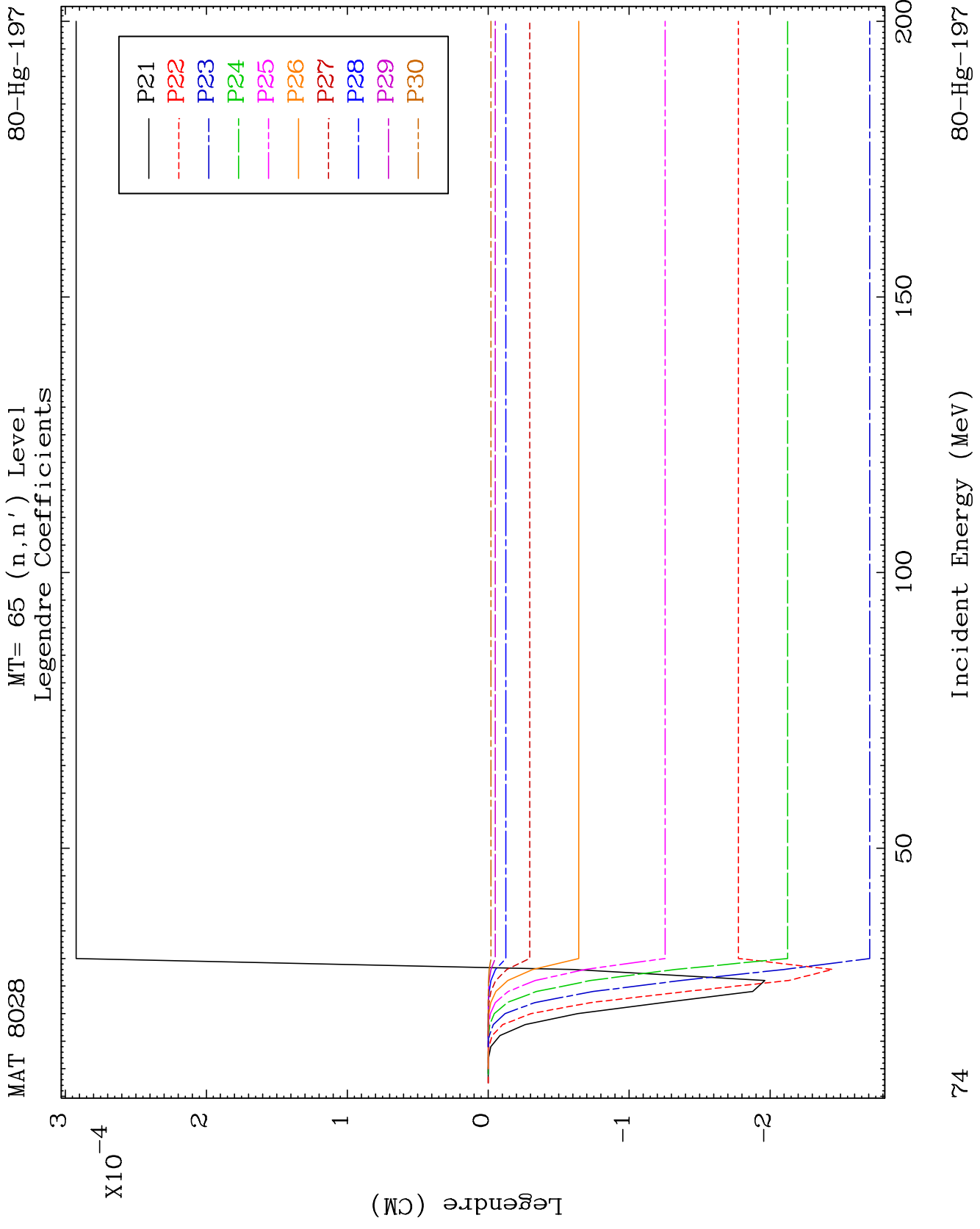
80-Hg-197

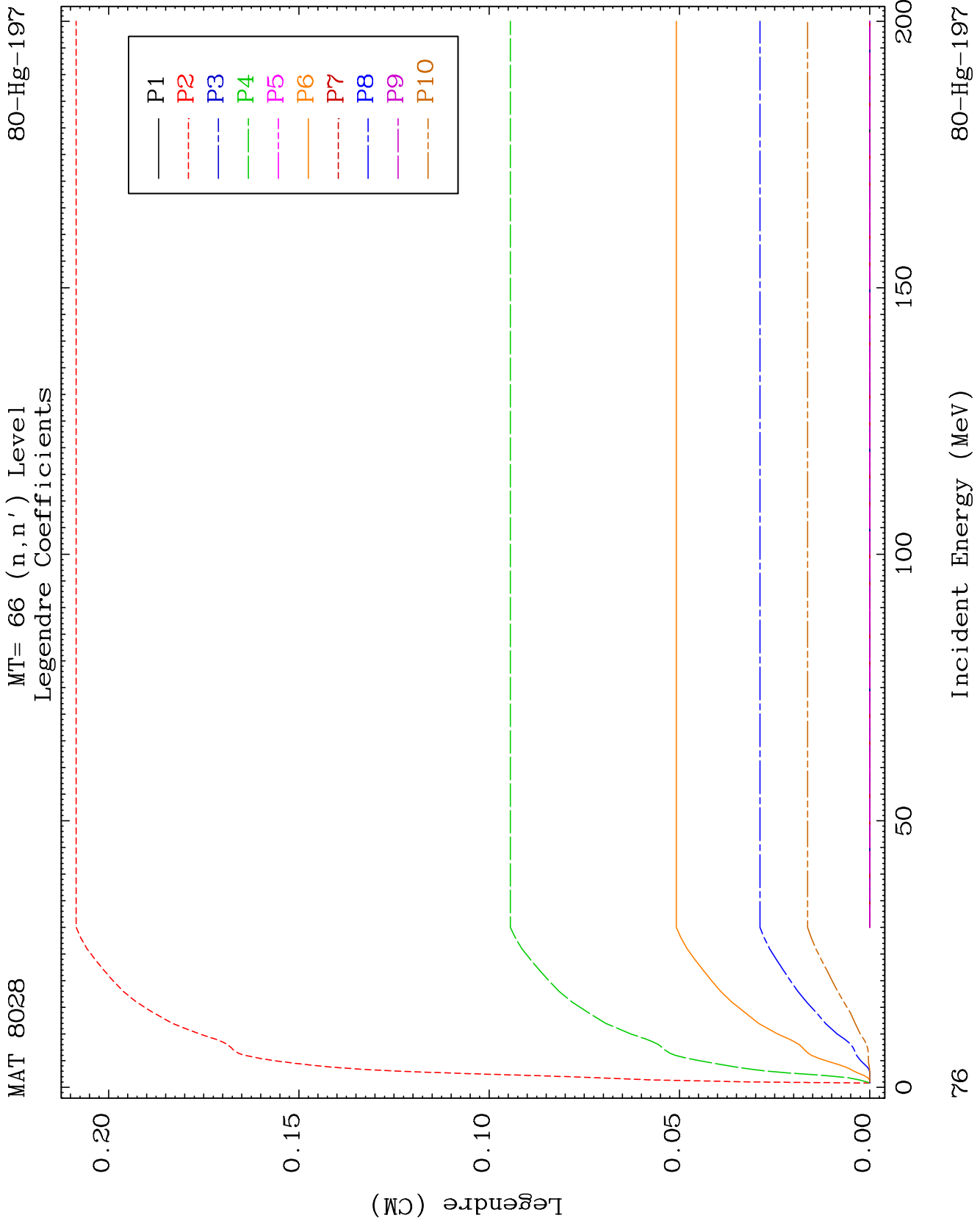


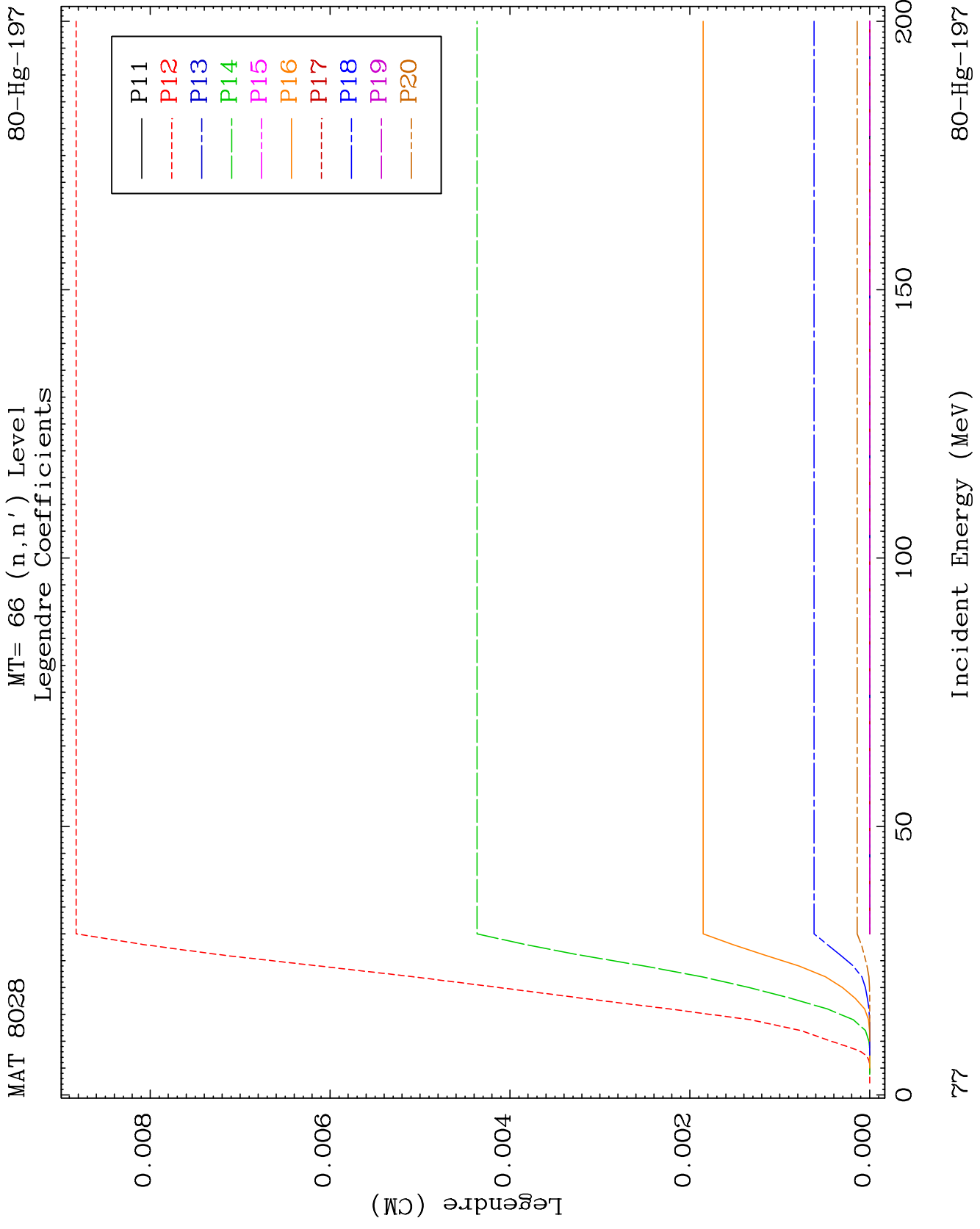
73

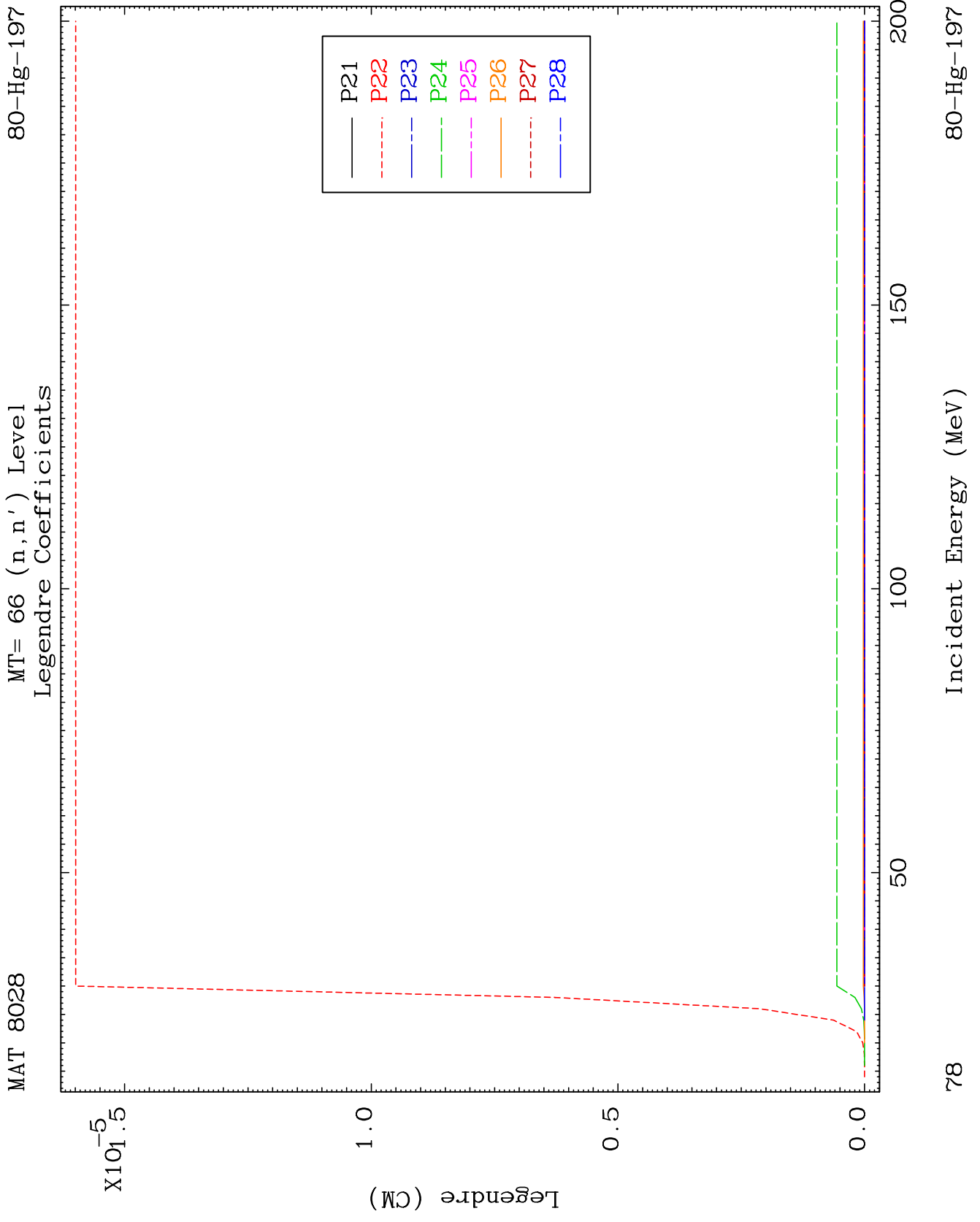
Incident Energy (MeV)

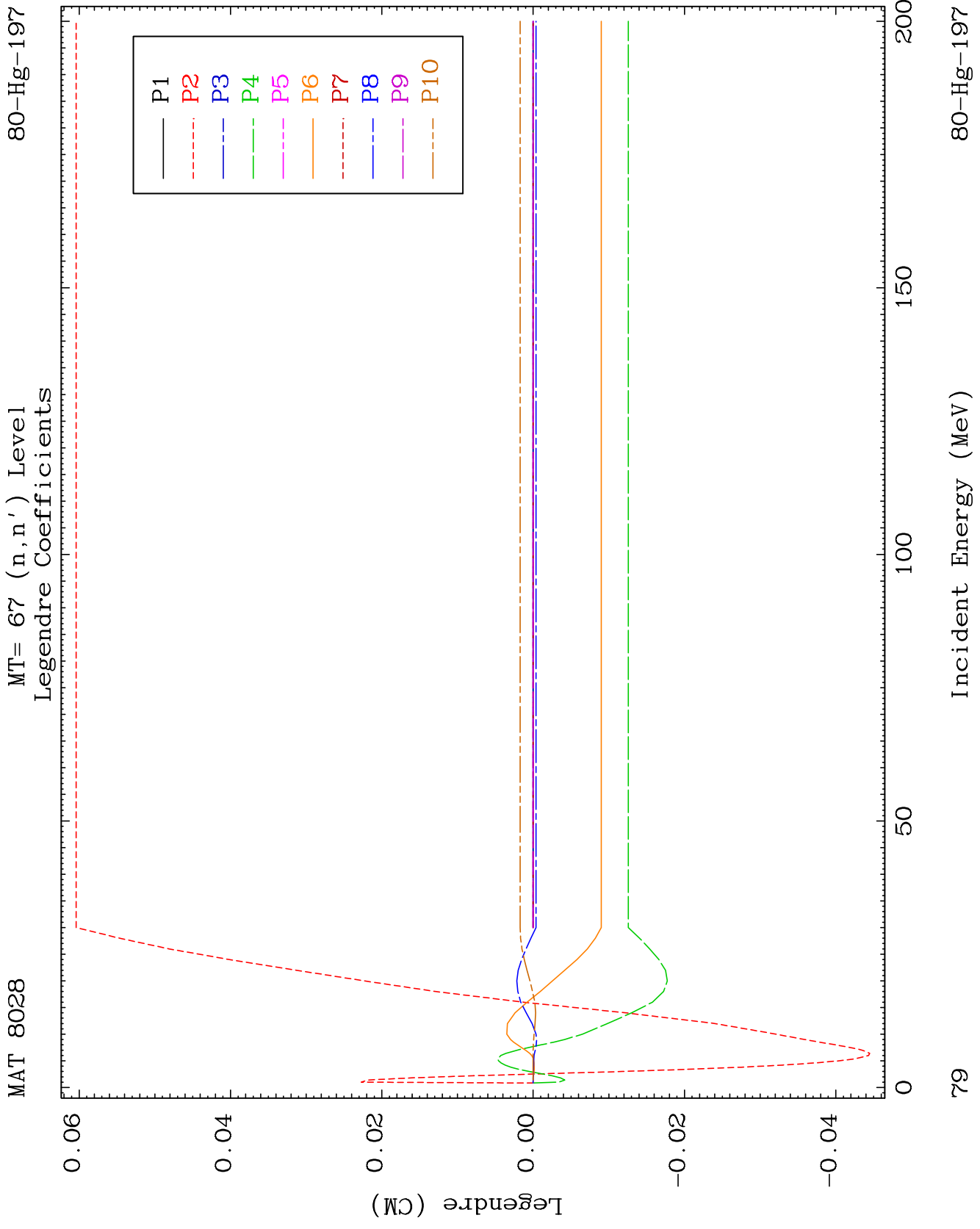
80-Hg-197







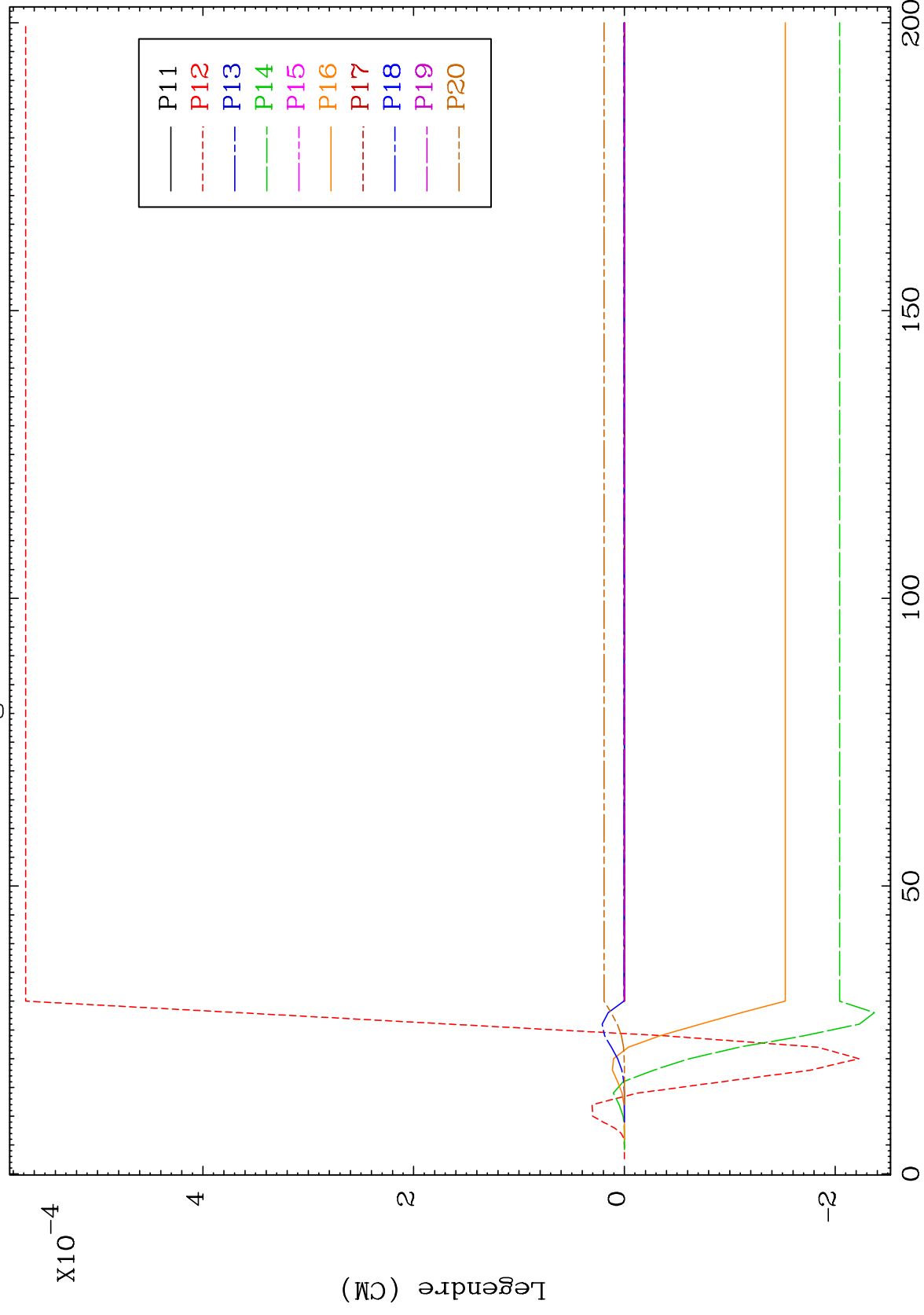




MAT 8028

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

80-Hg-197



80

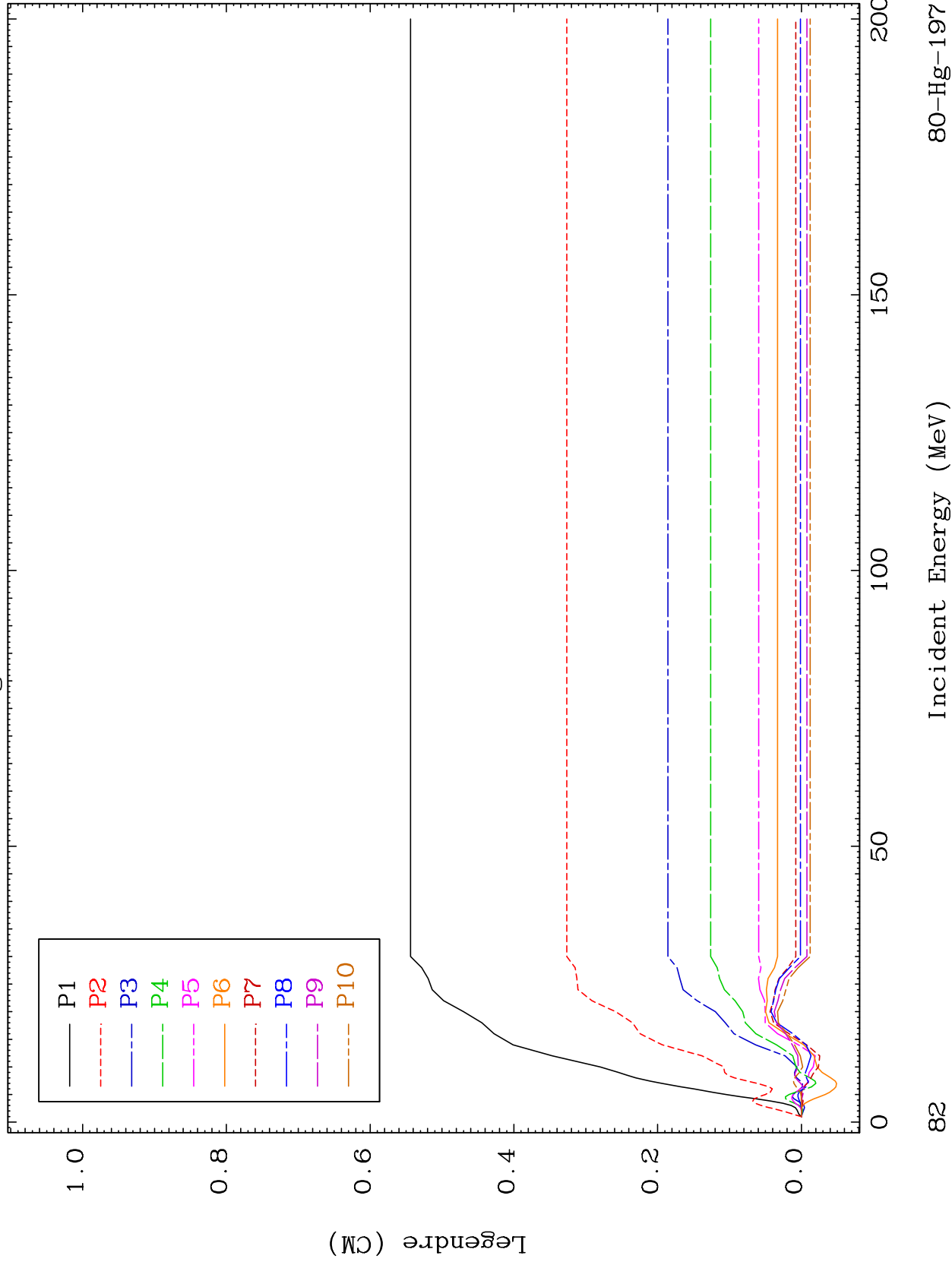
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197

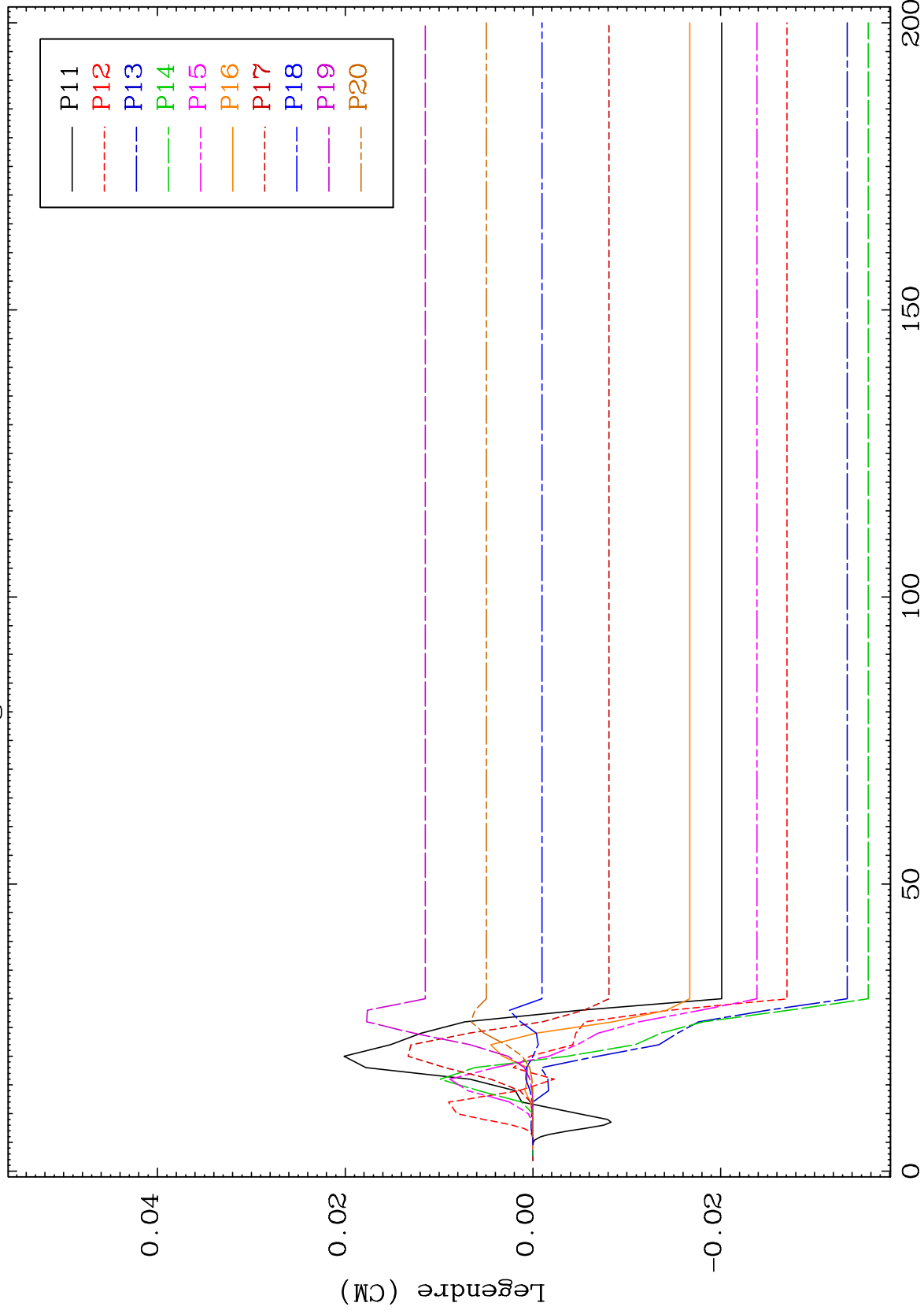


82

MAT 8028

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

80-Hg-197



83

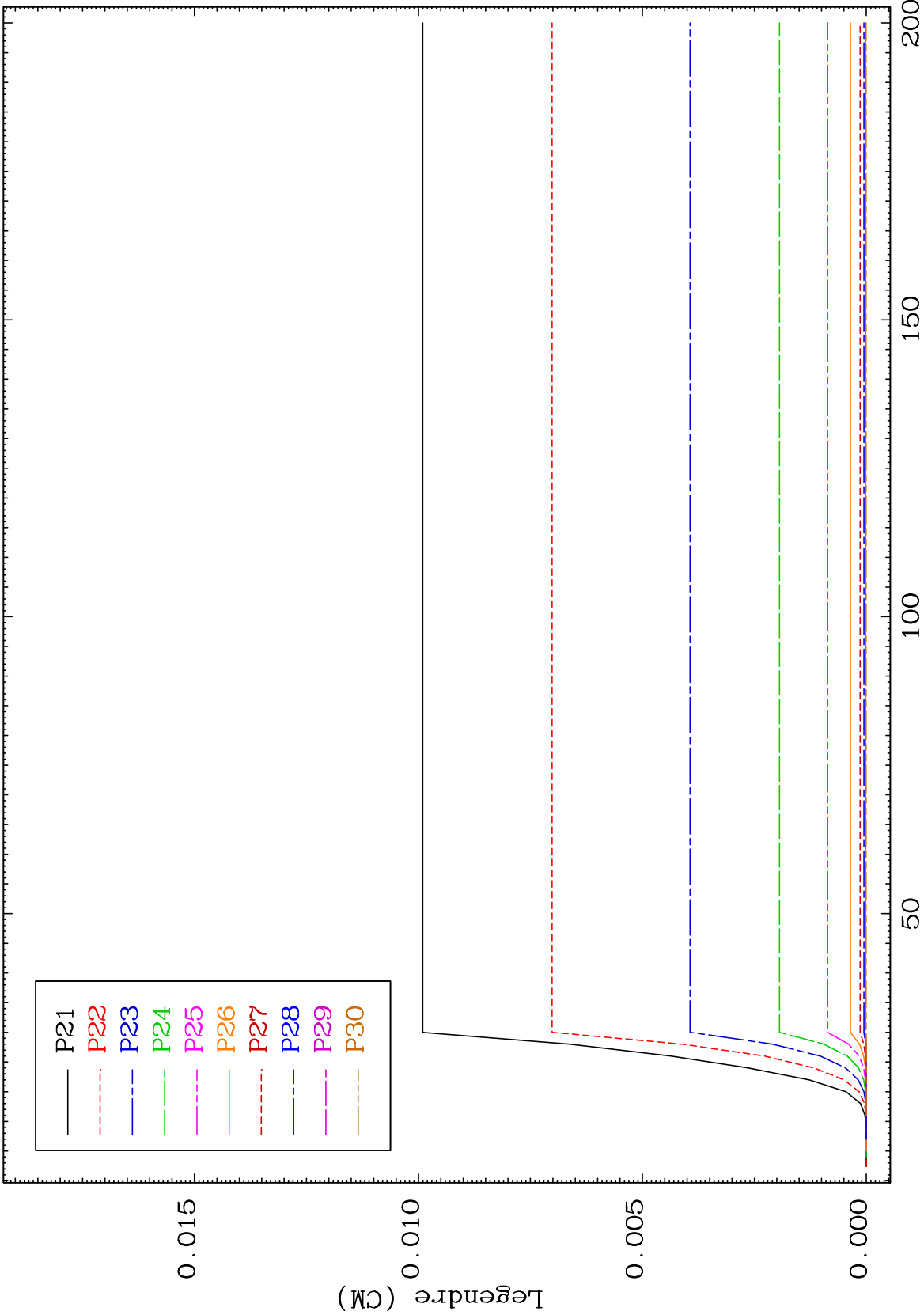
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



84

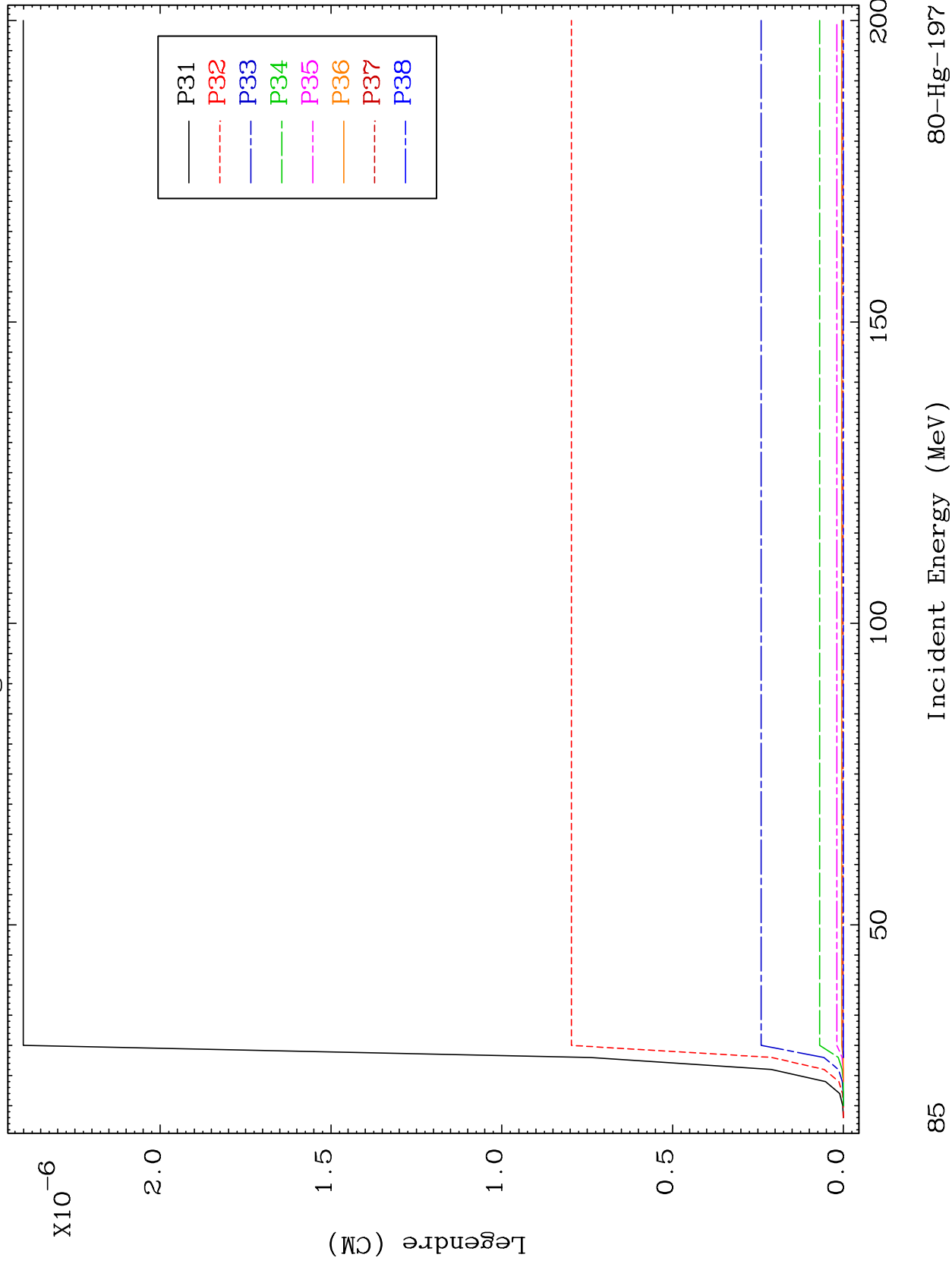
Incident Energy (MeV)

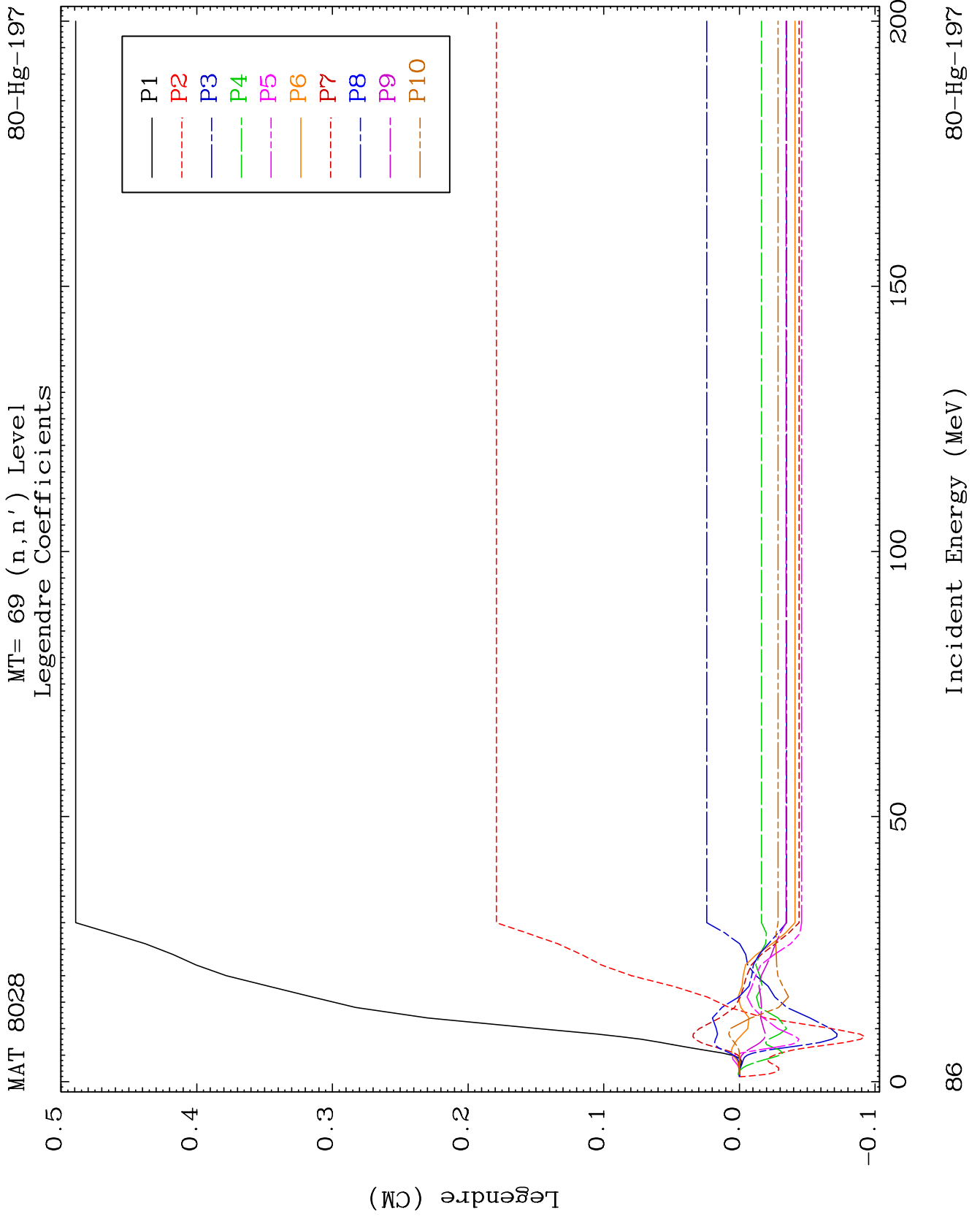
80-Hg-197

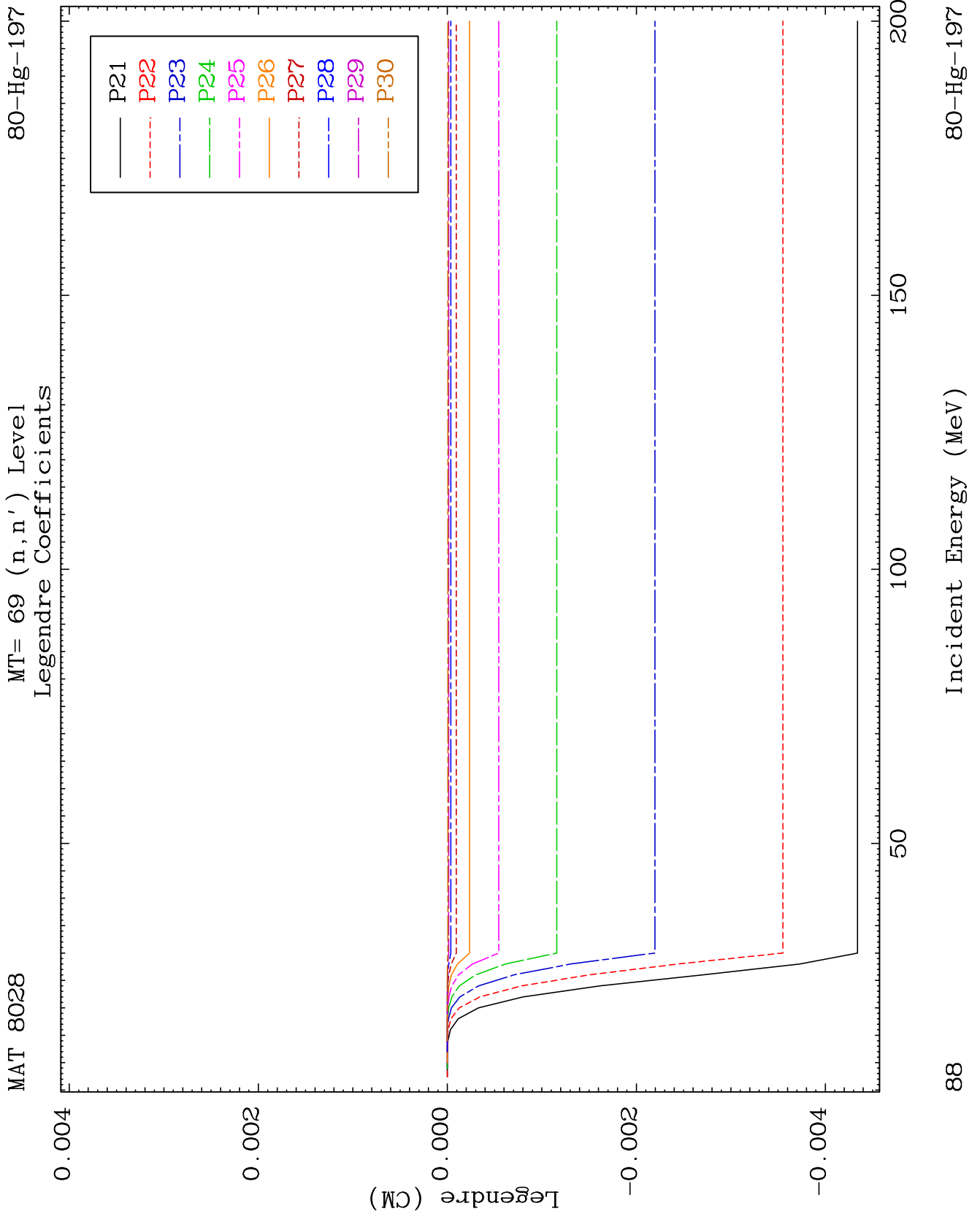
MAT 8028

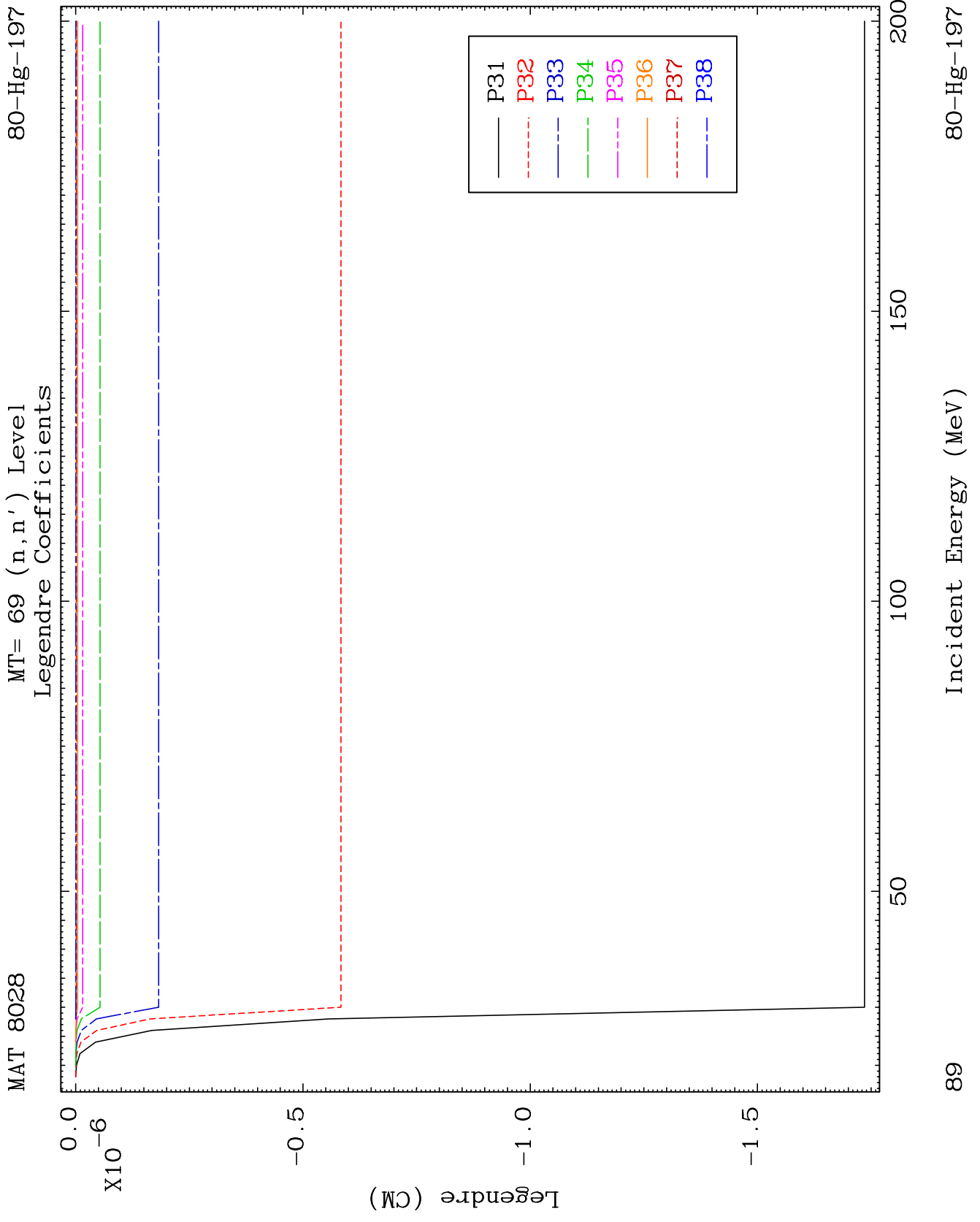
MT= 68 (n,n') Level
Legendre Coefficients

80-Hg-197





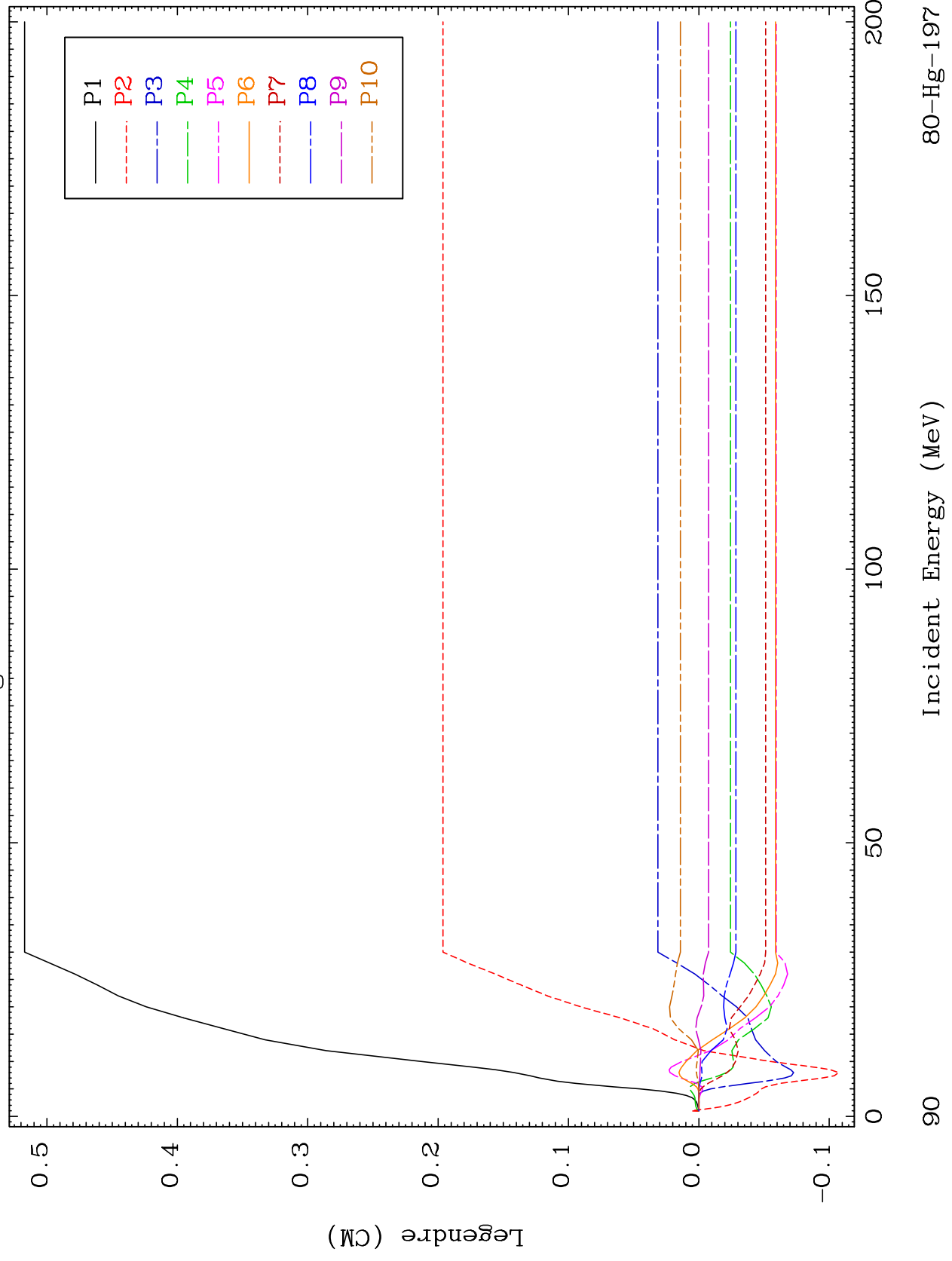




MAT 8028

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

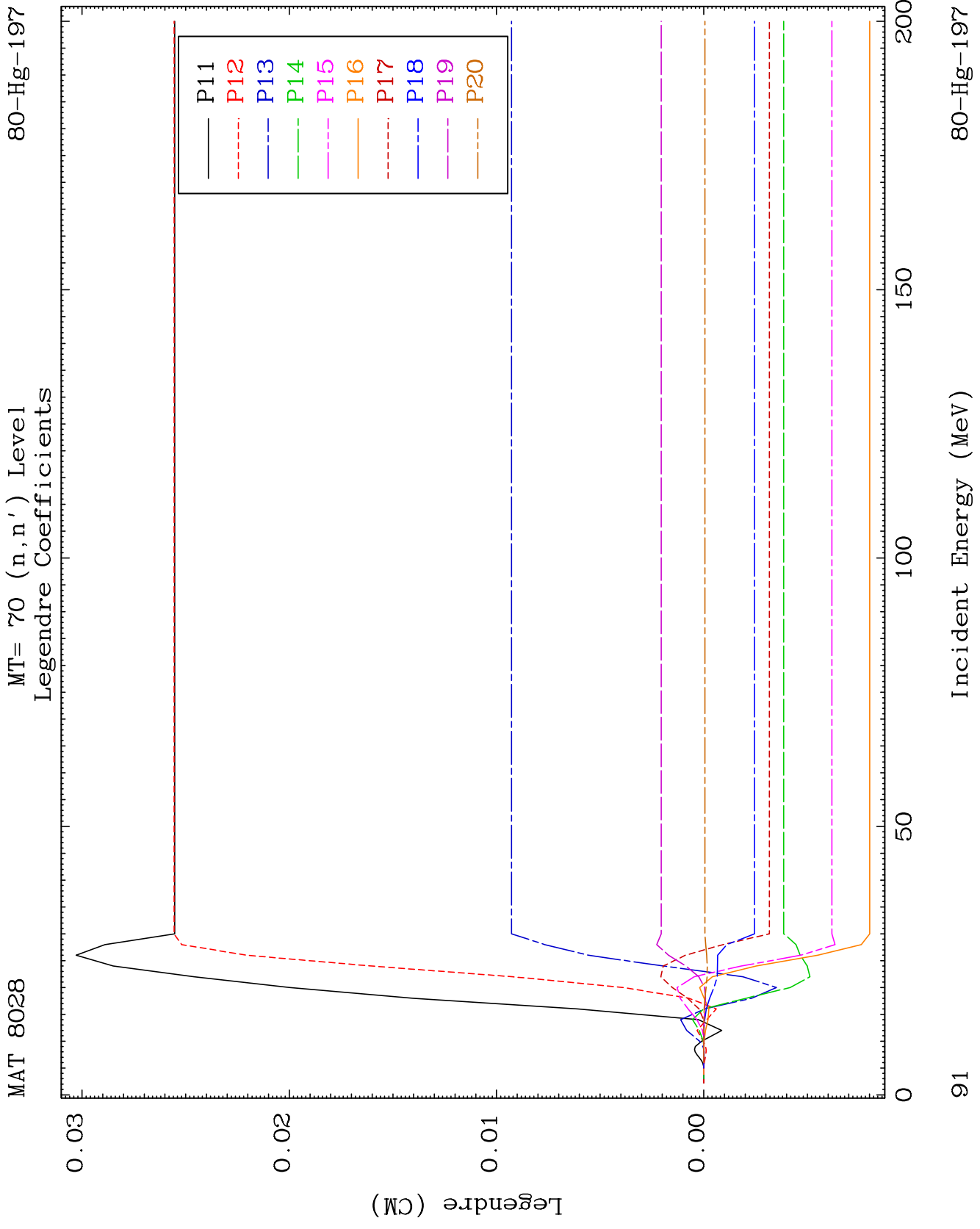
80-Hg-197



80-Hg-197

Incident Energy (MeV)

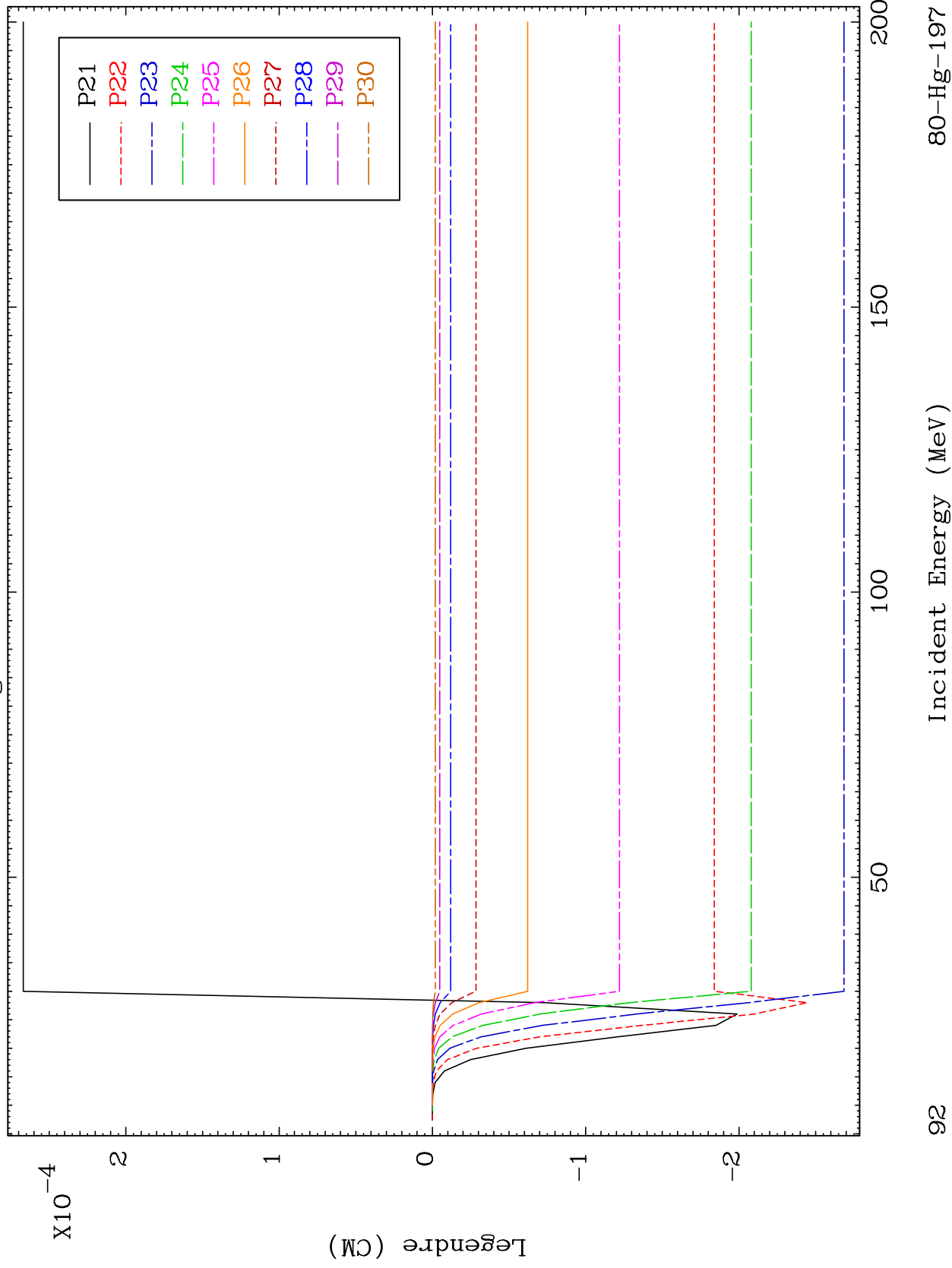
90



MAT 8028

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

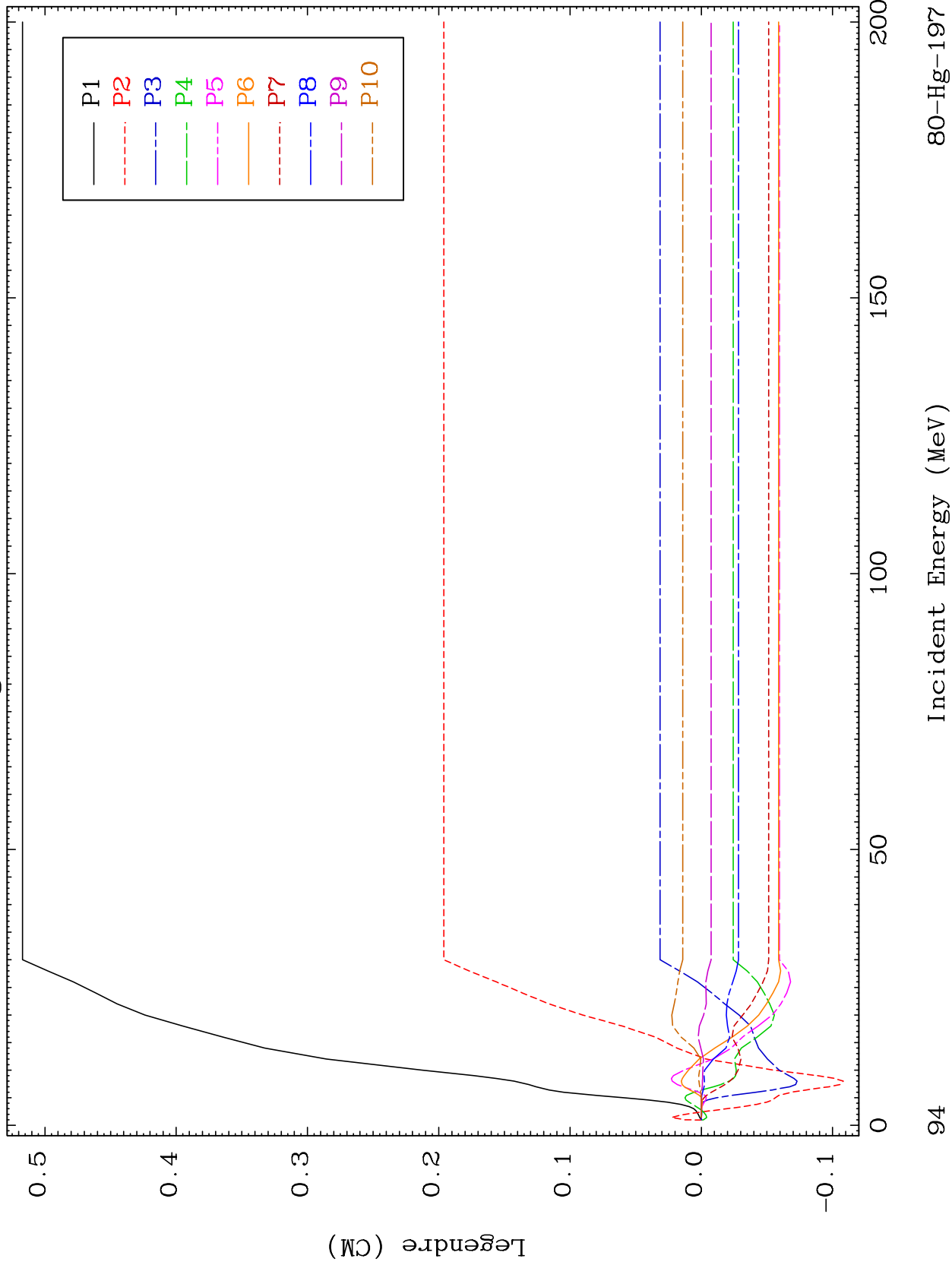
80-Hg-197



MAT 8028

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

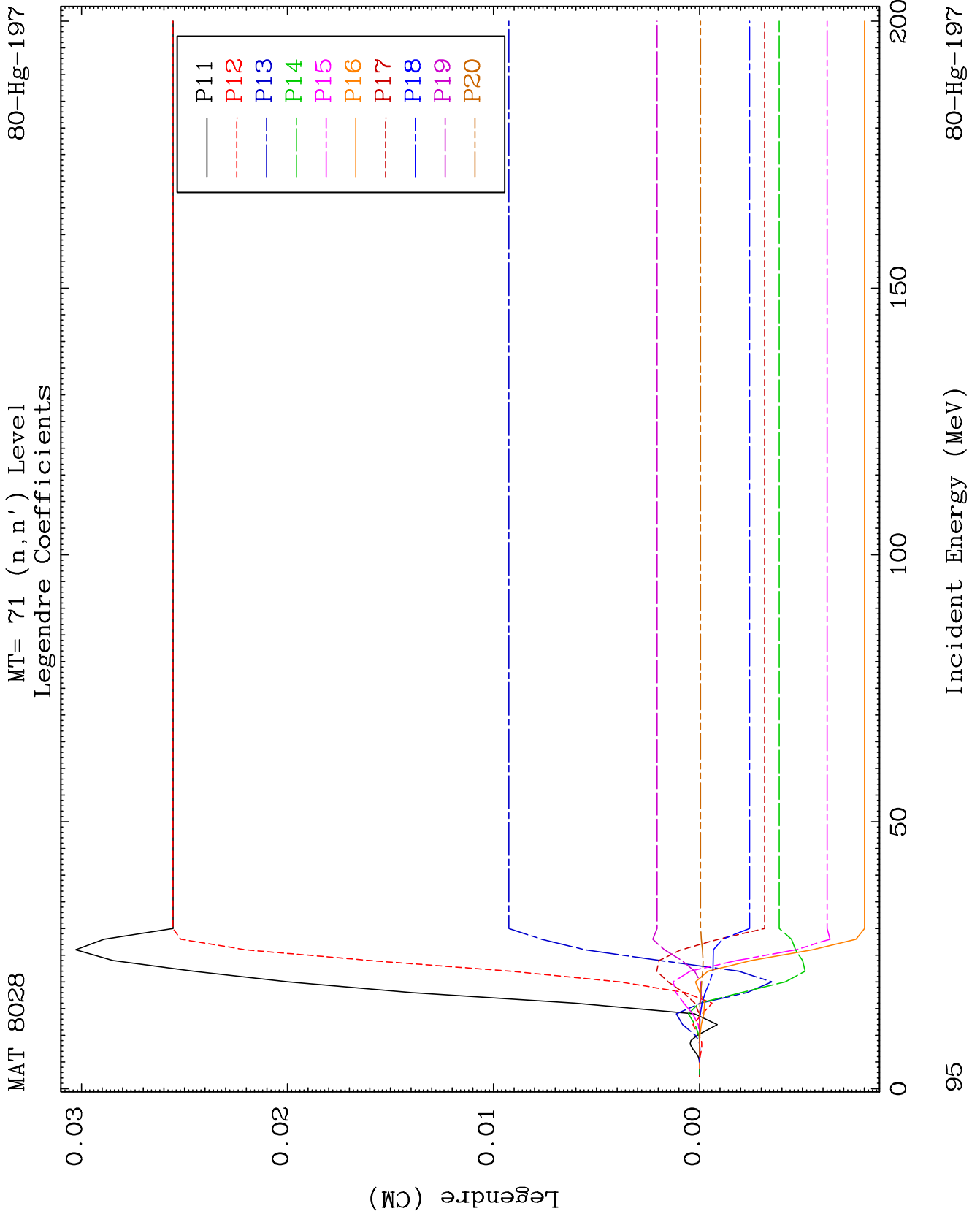
80-Hg-197

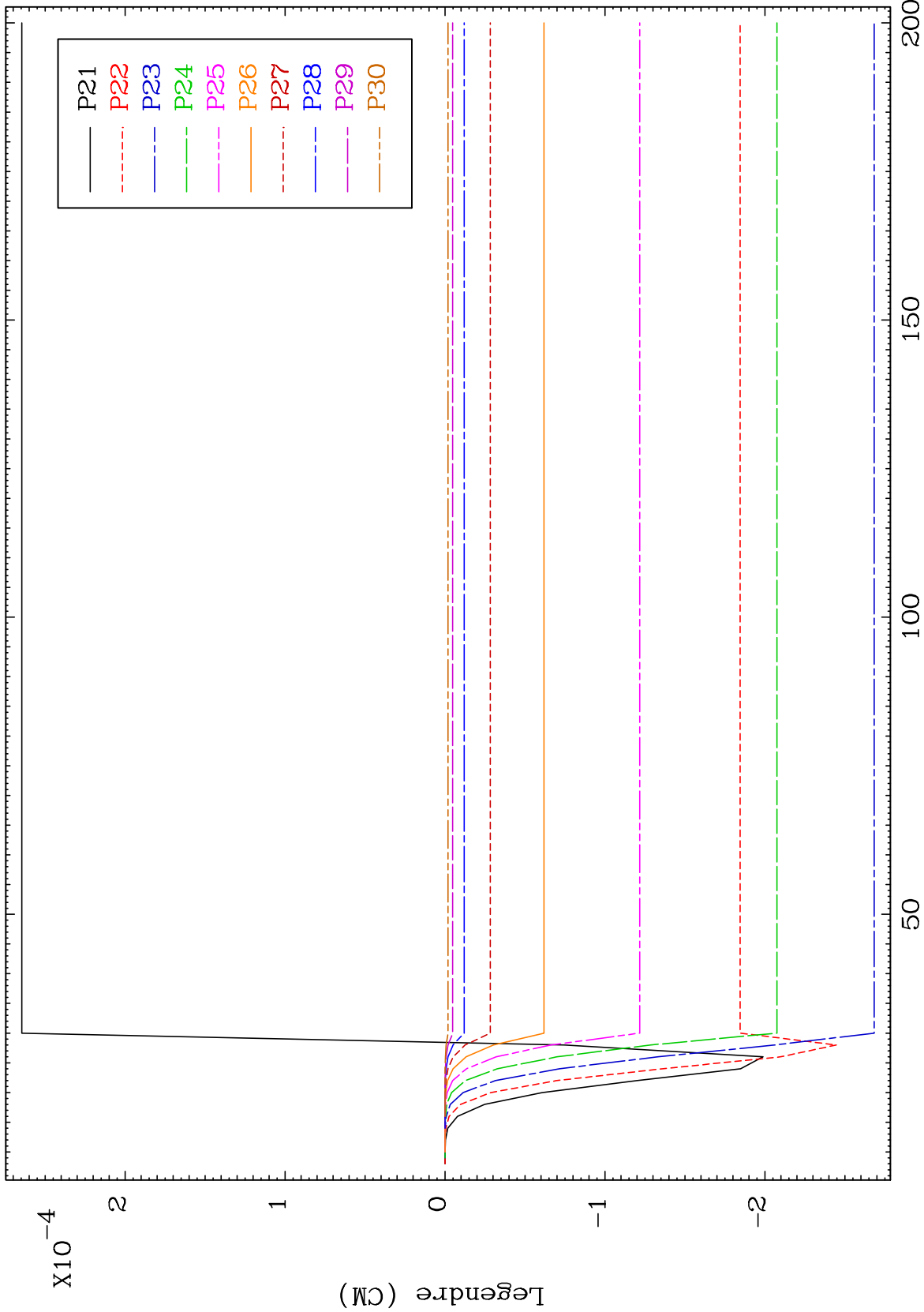


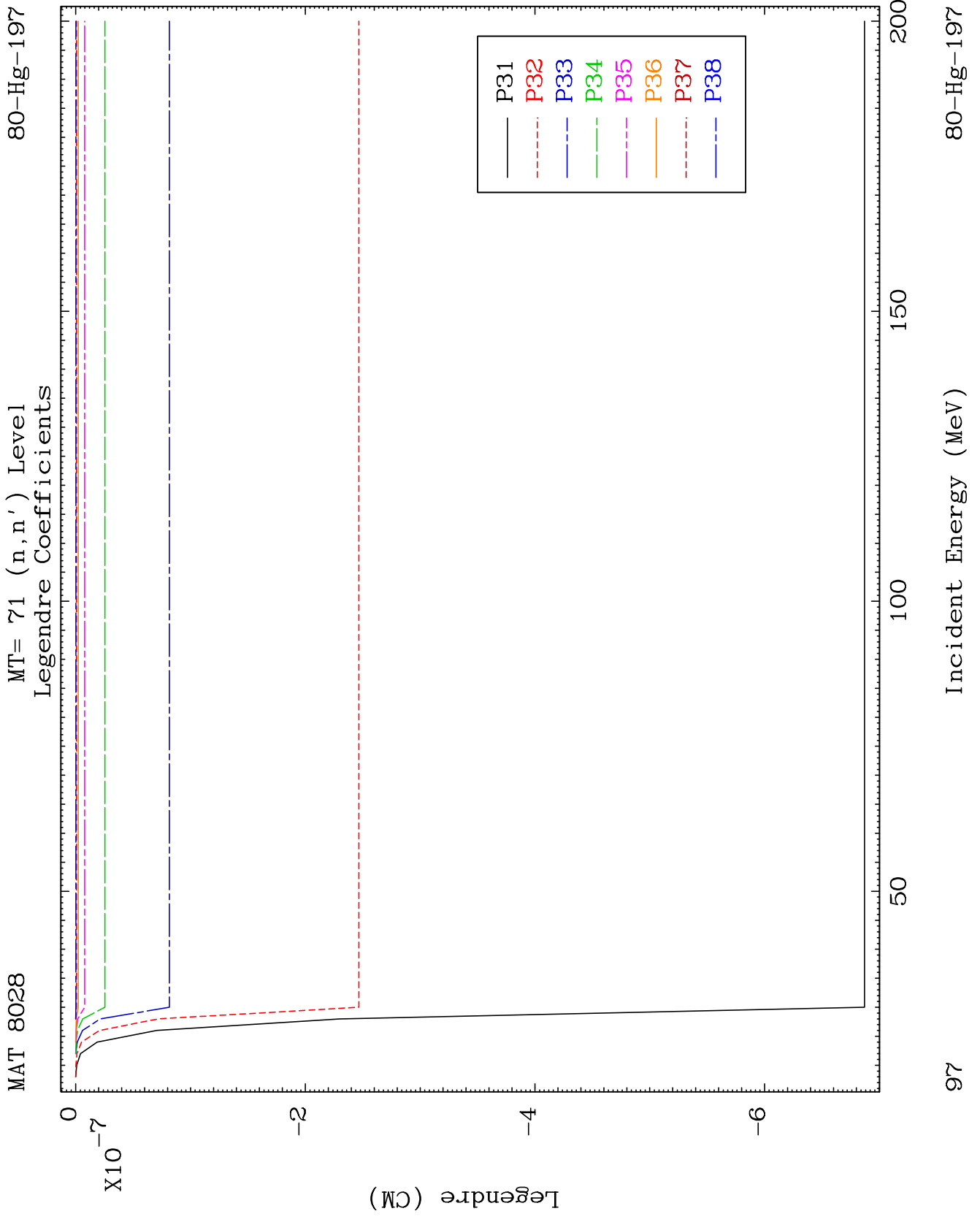
80-Hg-197

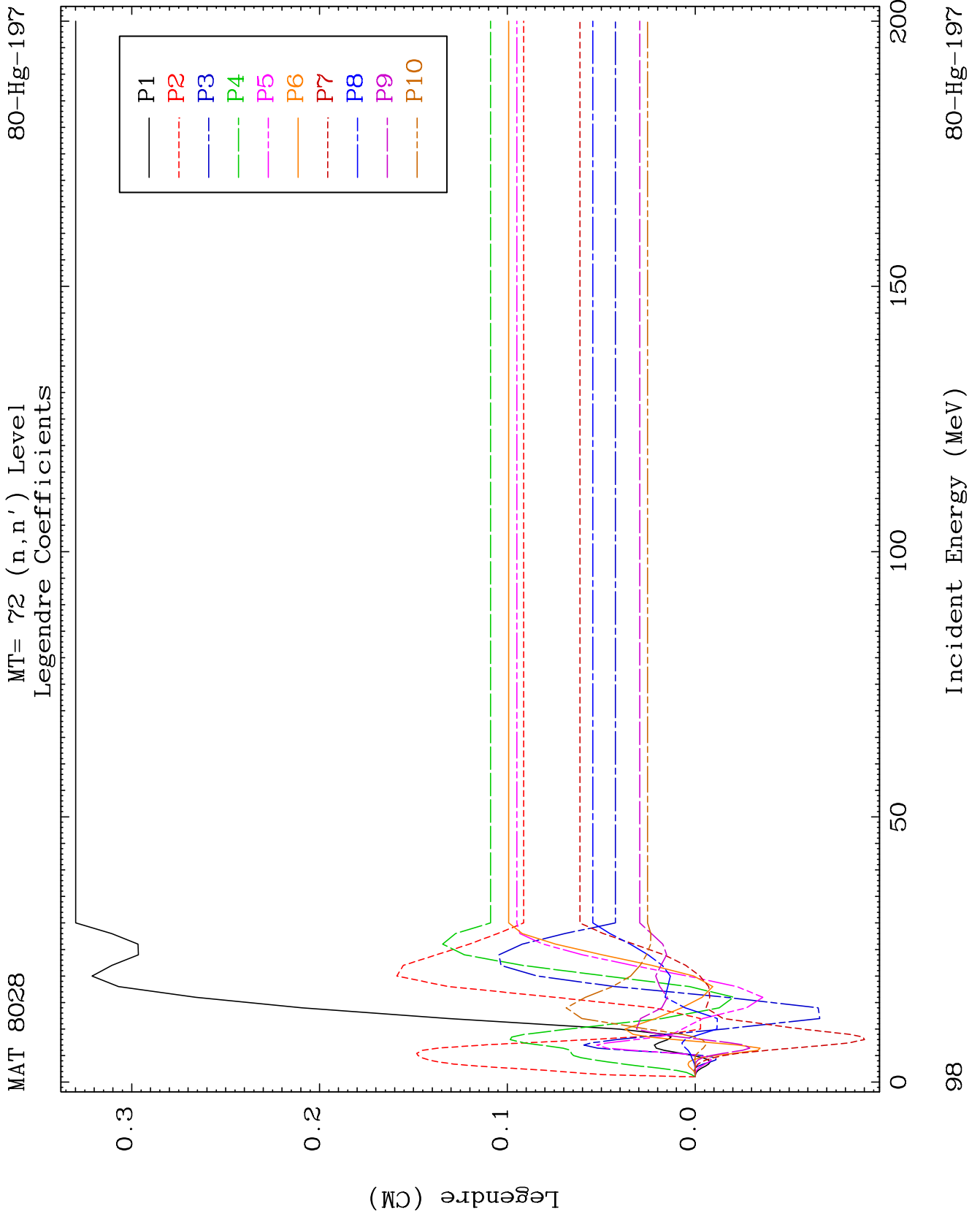
Incident Energy (MeV)

94





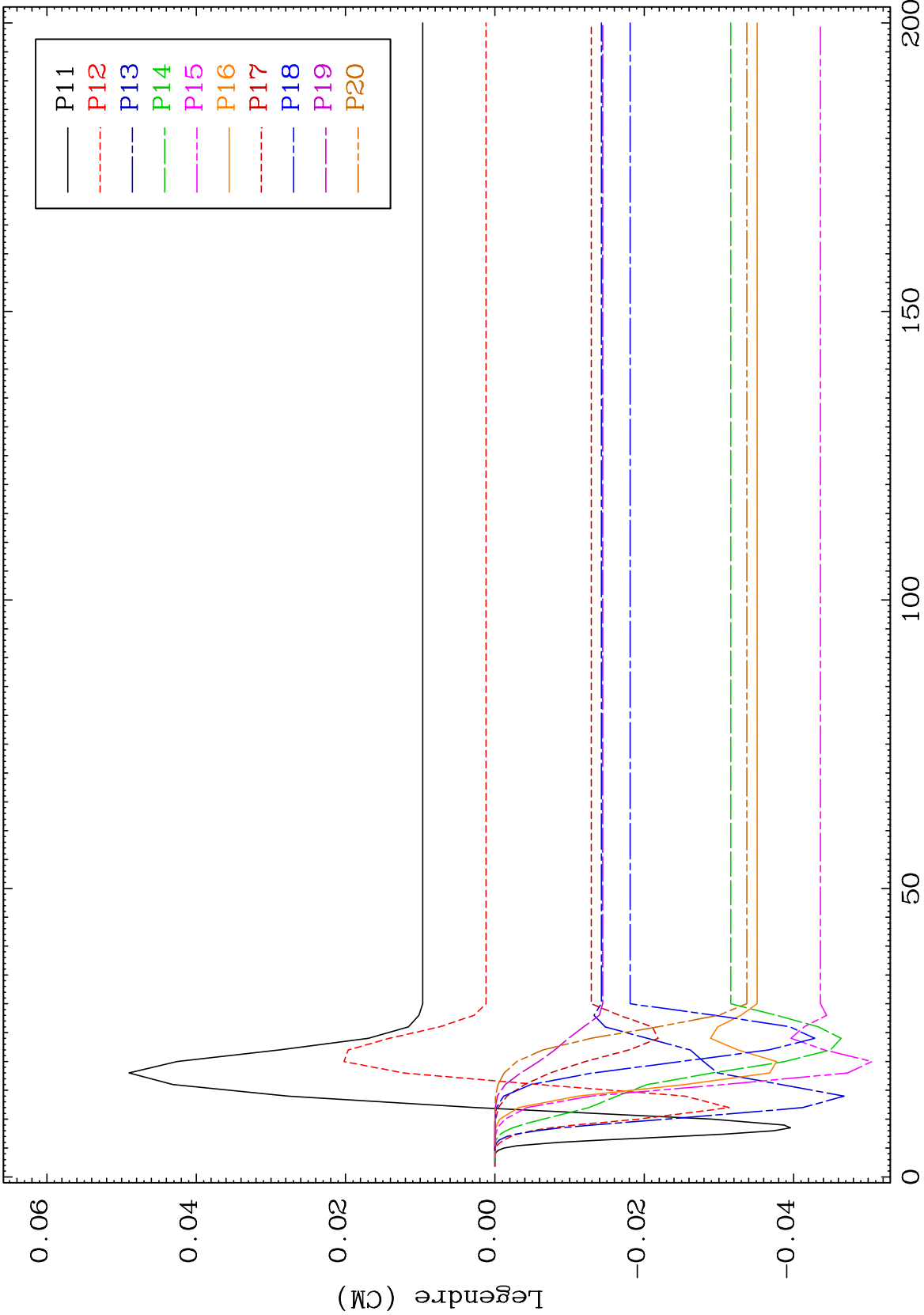




MAT 8028

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

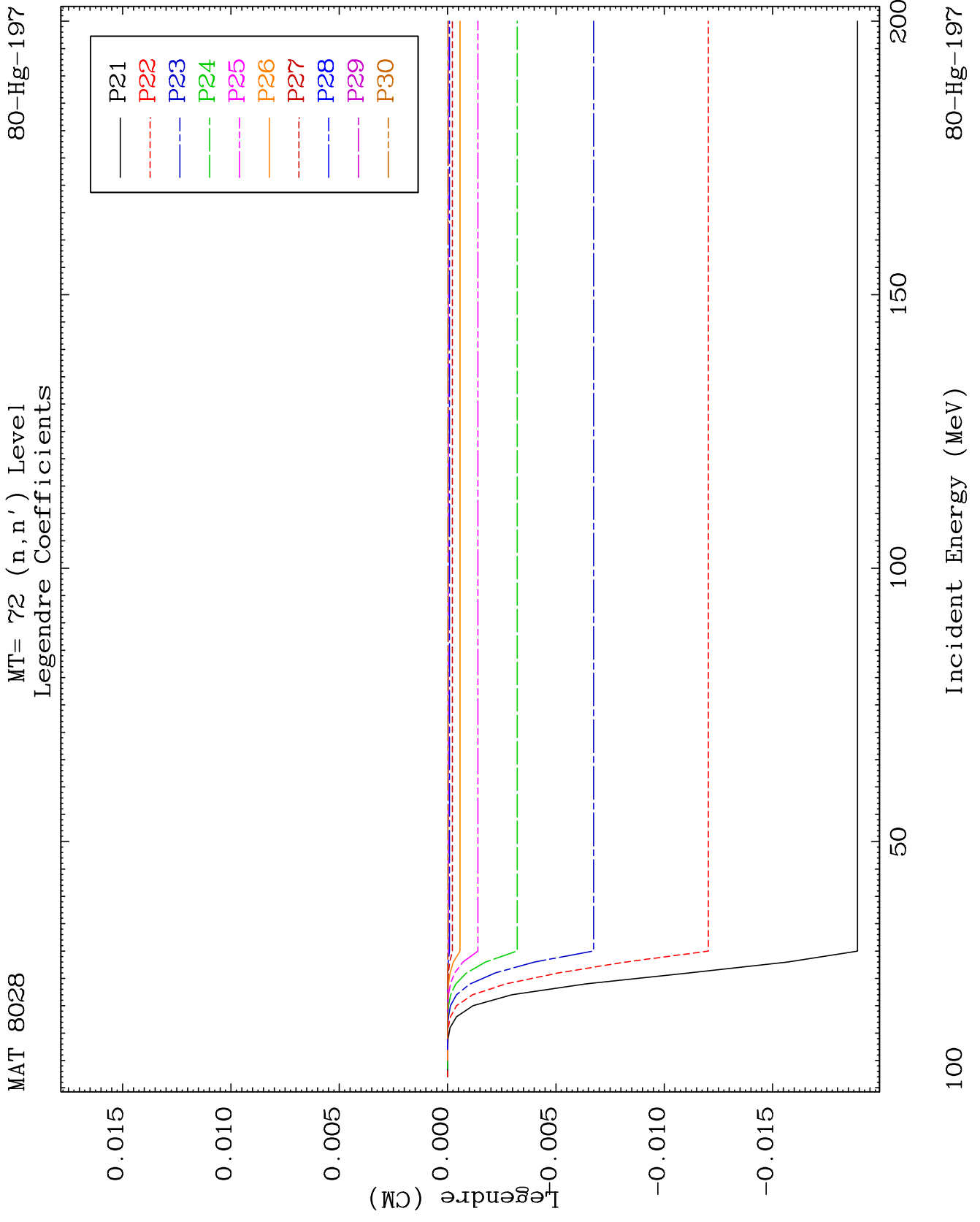
80-Hg-197

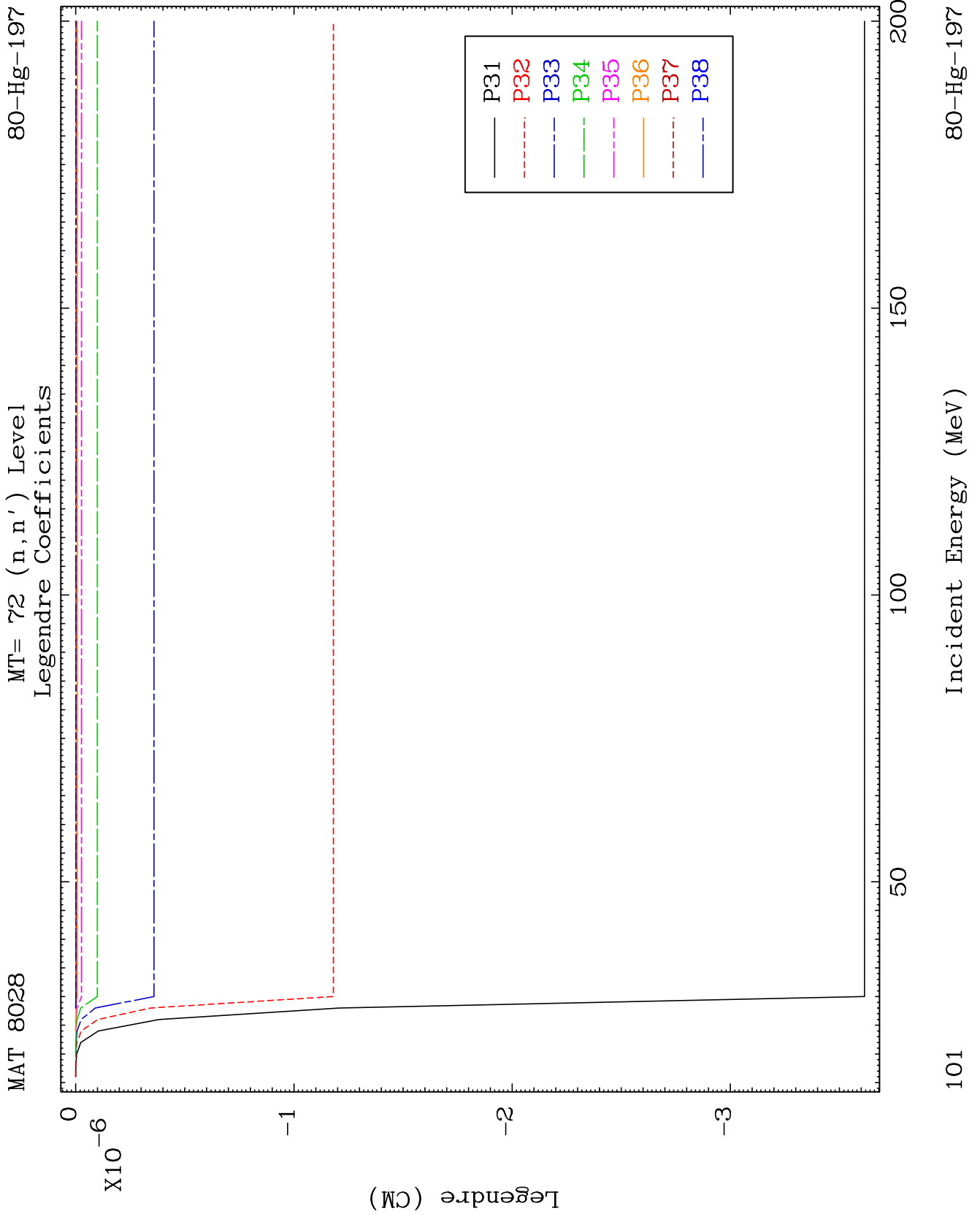


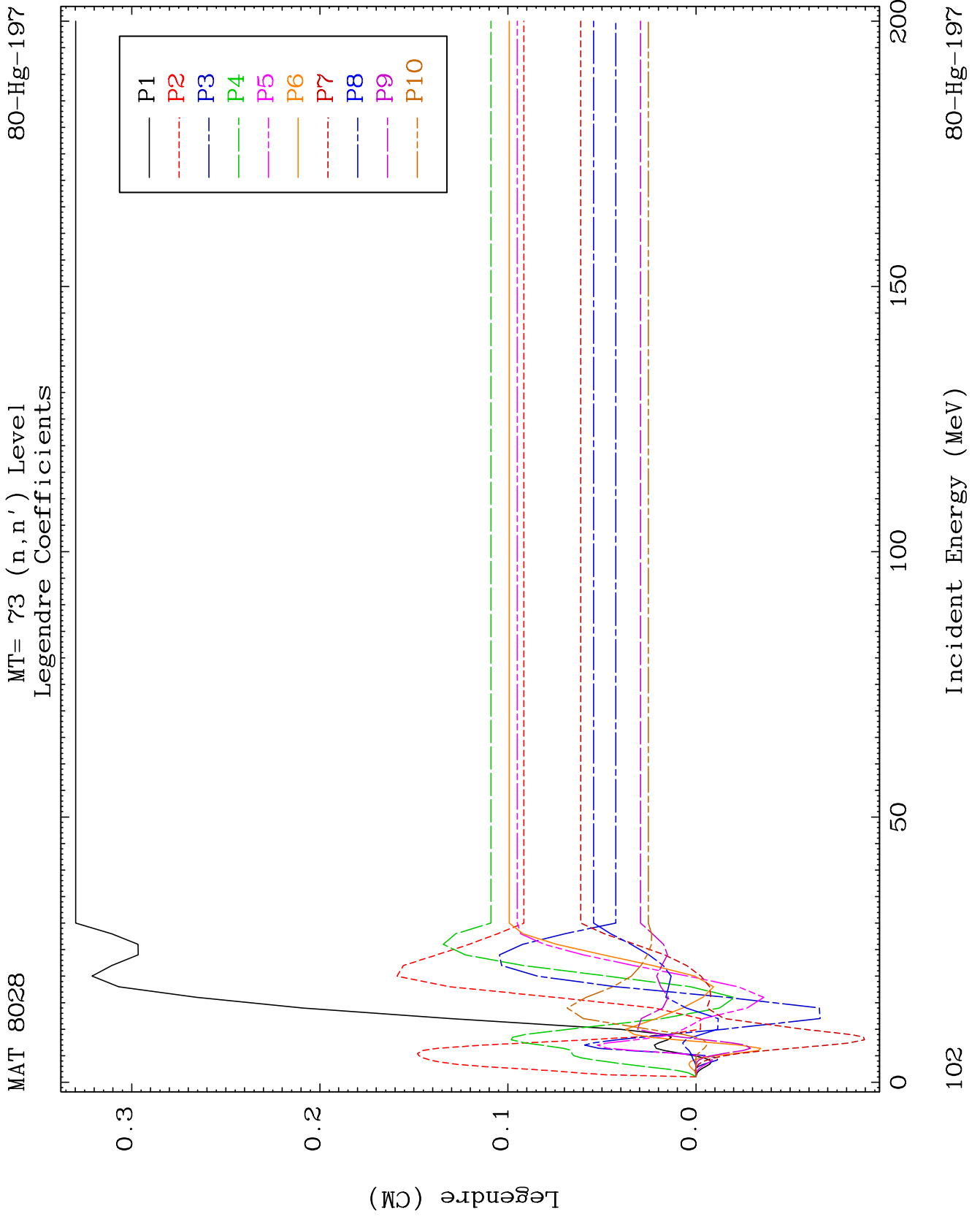
99

Incident Energy (MeV)

80-Hg-197



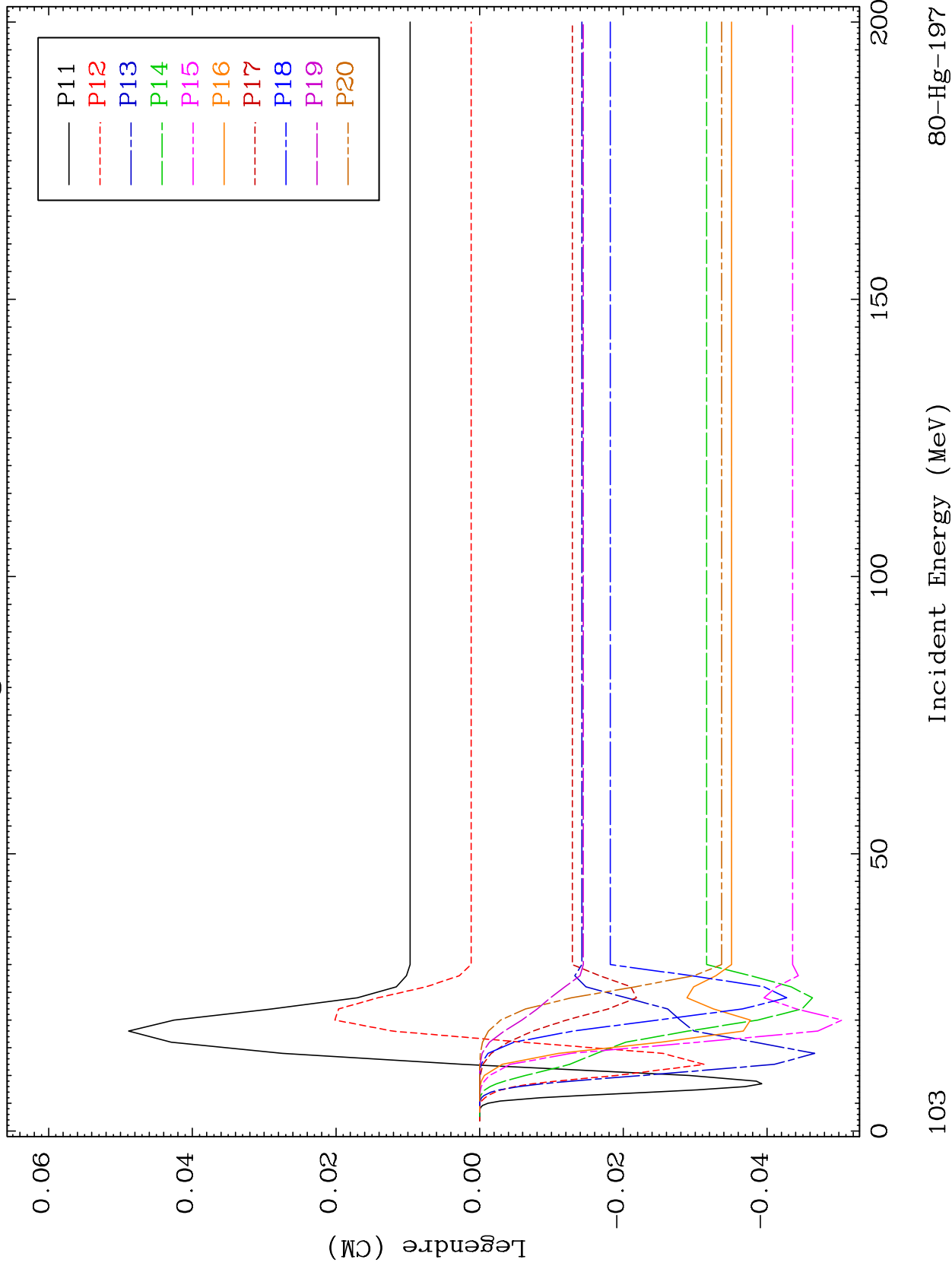




MAT 8028

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

80-Hg-197



80-Hg-197

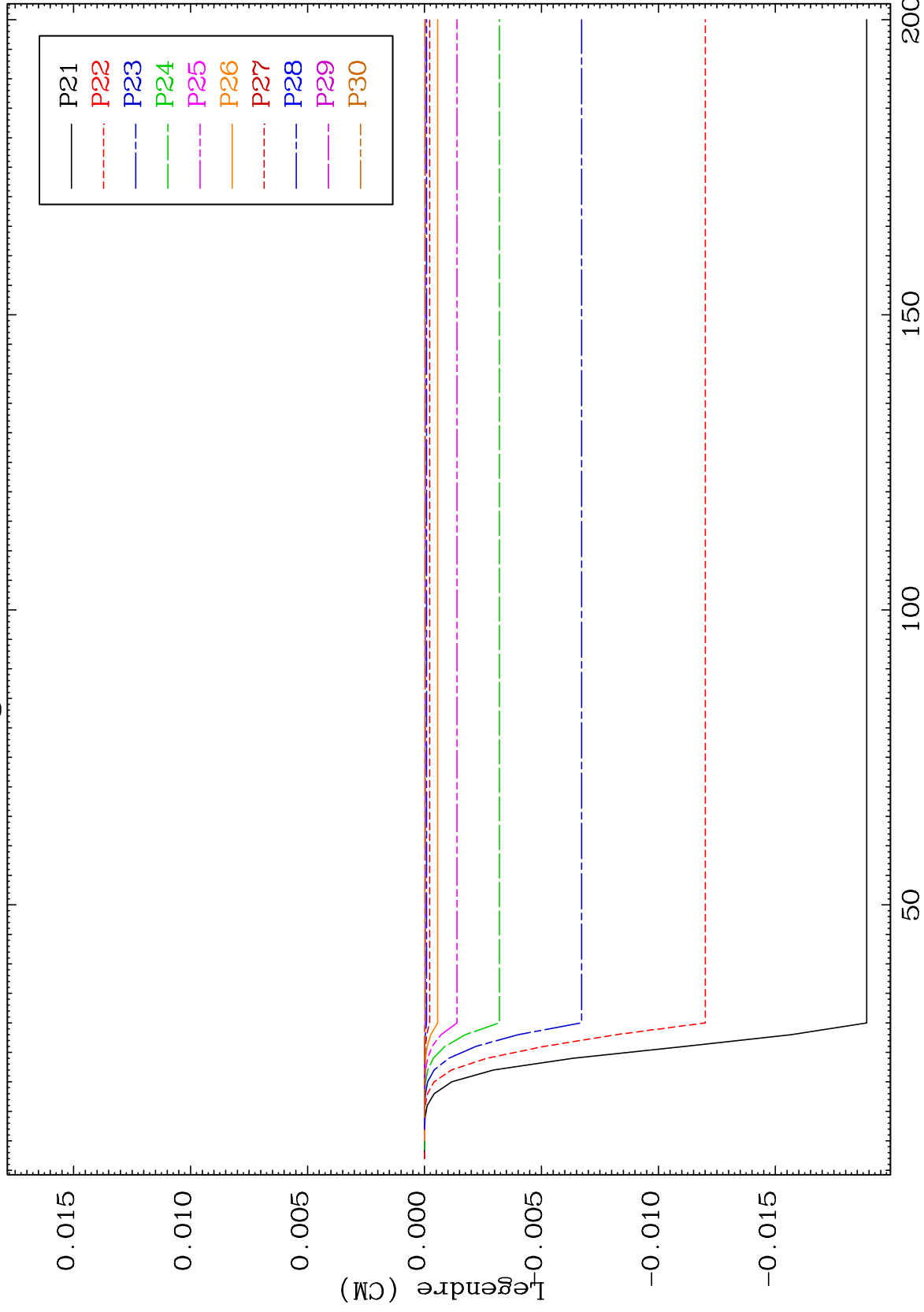
Incident Energy (MeV)

103

MAT 8028

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

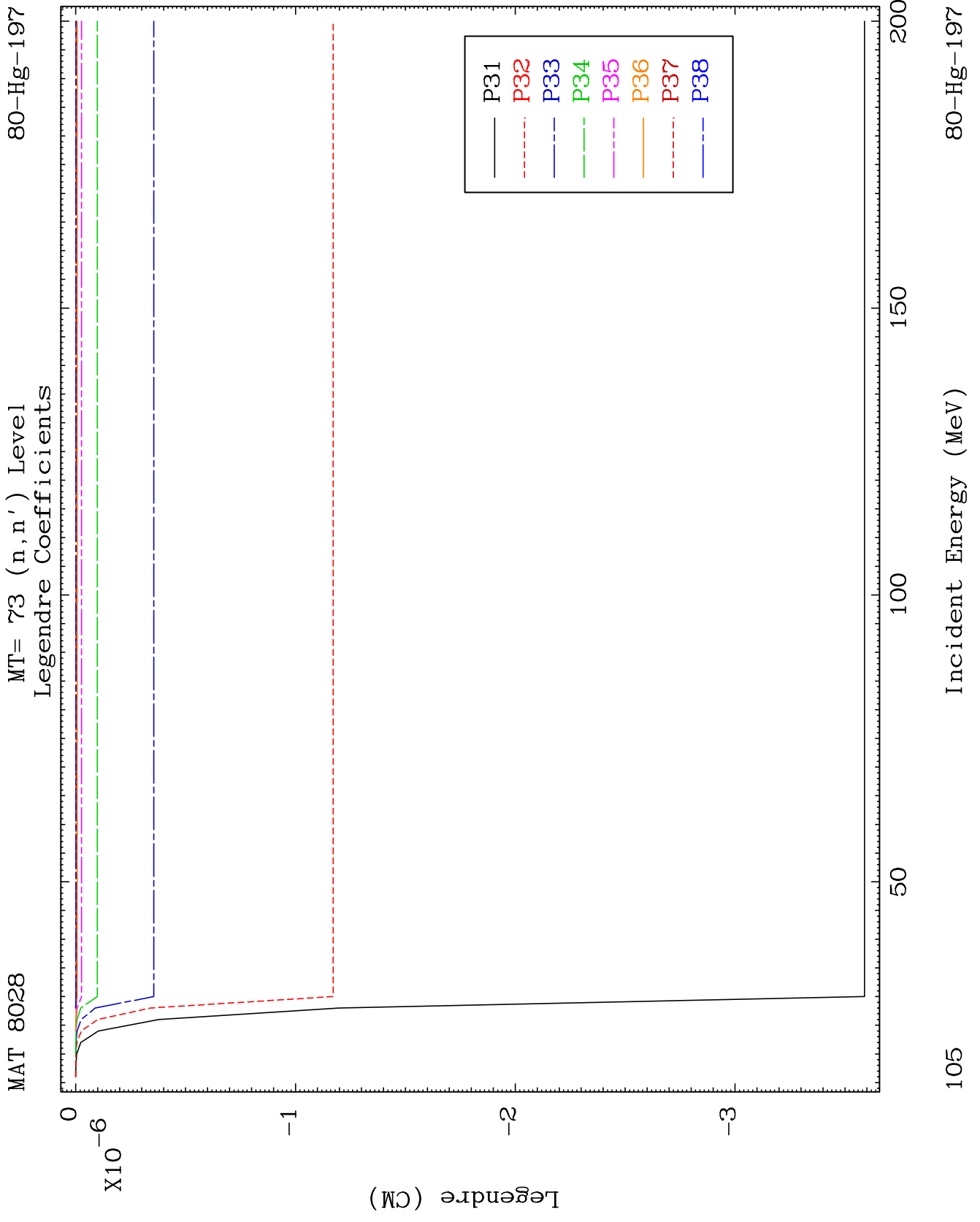
80-Hg-197



104

Incident Energy (MeV)

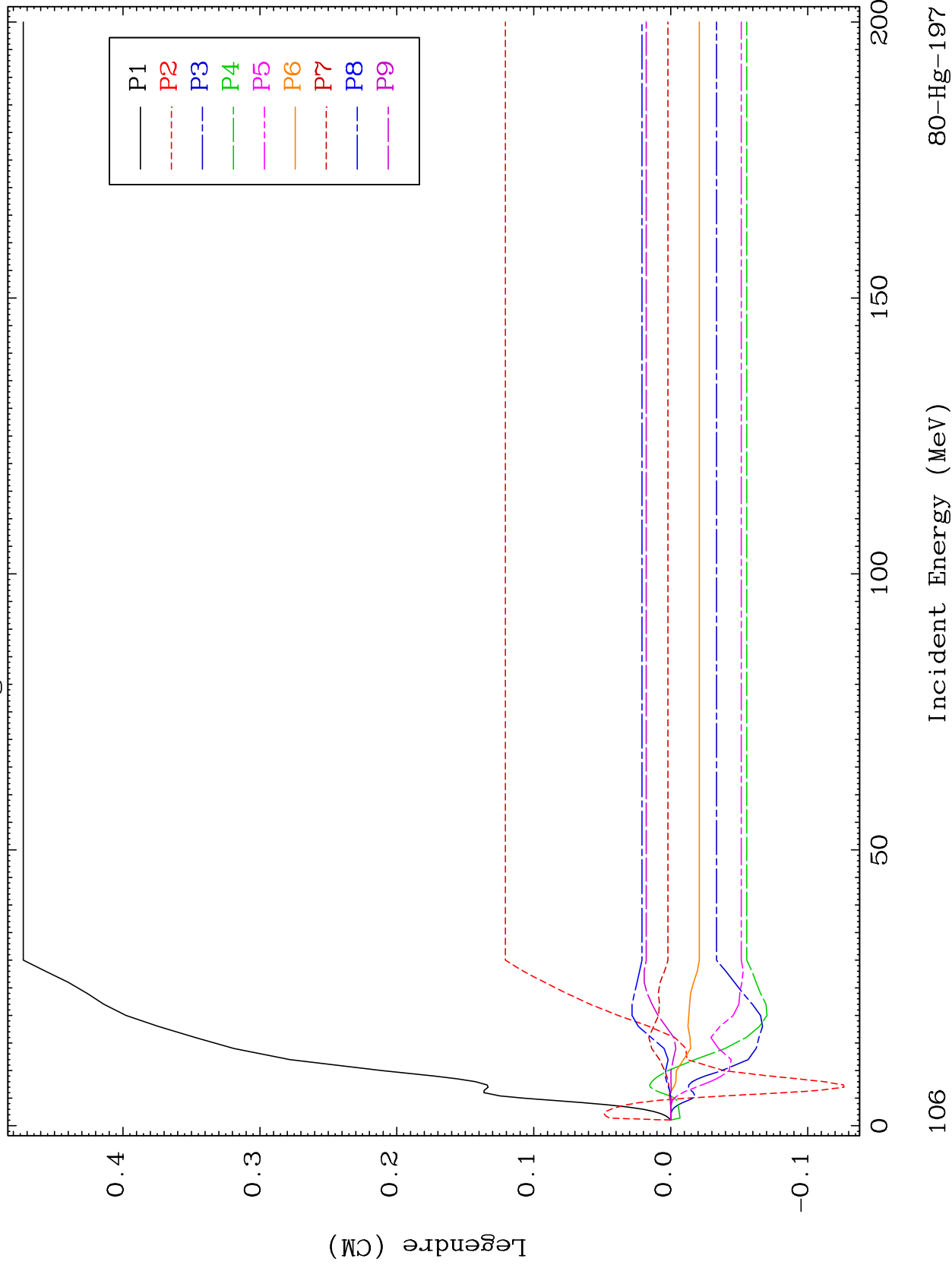
80-Hg-197



MAT 8028

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

80-Hg-197



80-Hg-197

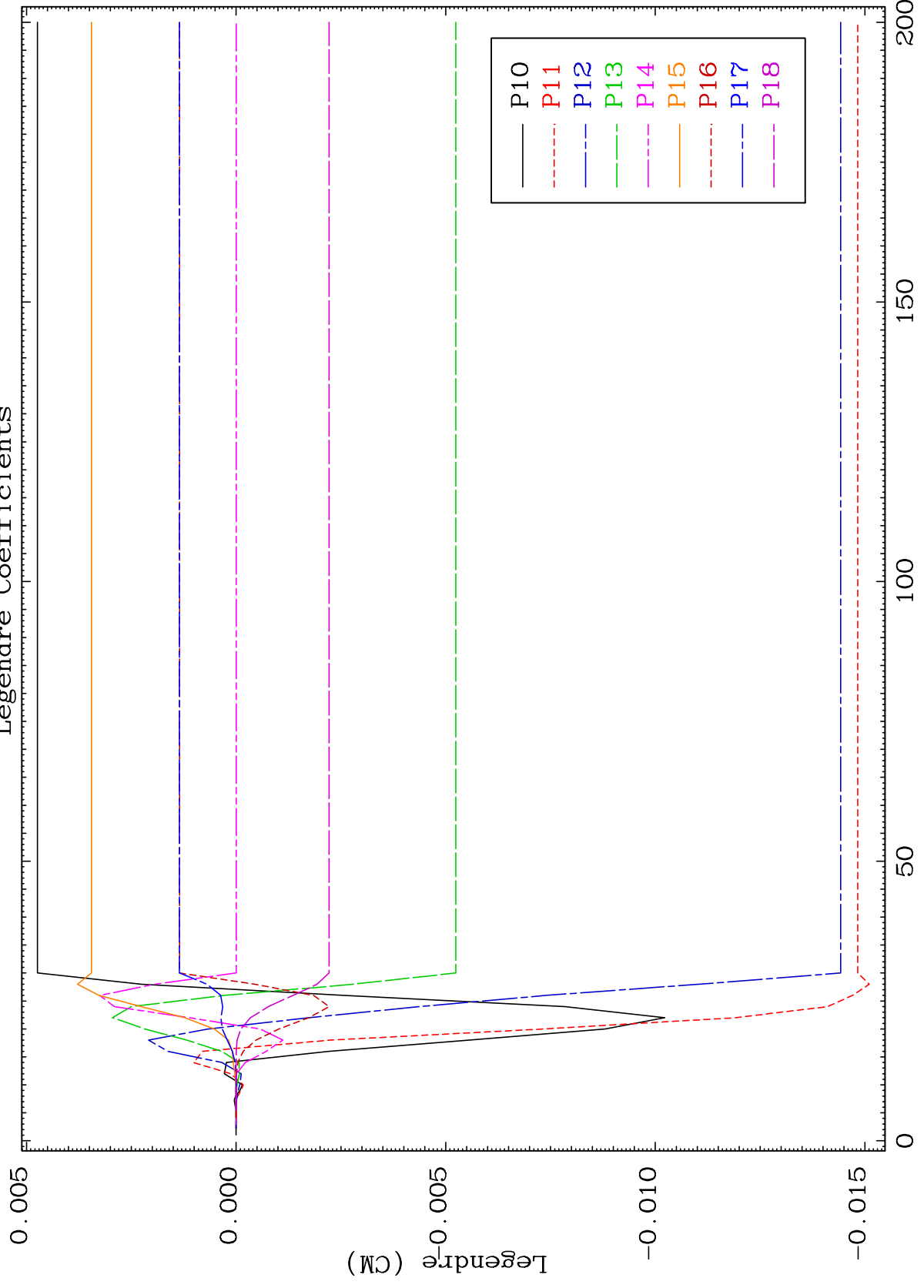
Incident Energy (MeV)

106

MAT 8028

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

80-Hg-197



107

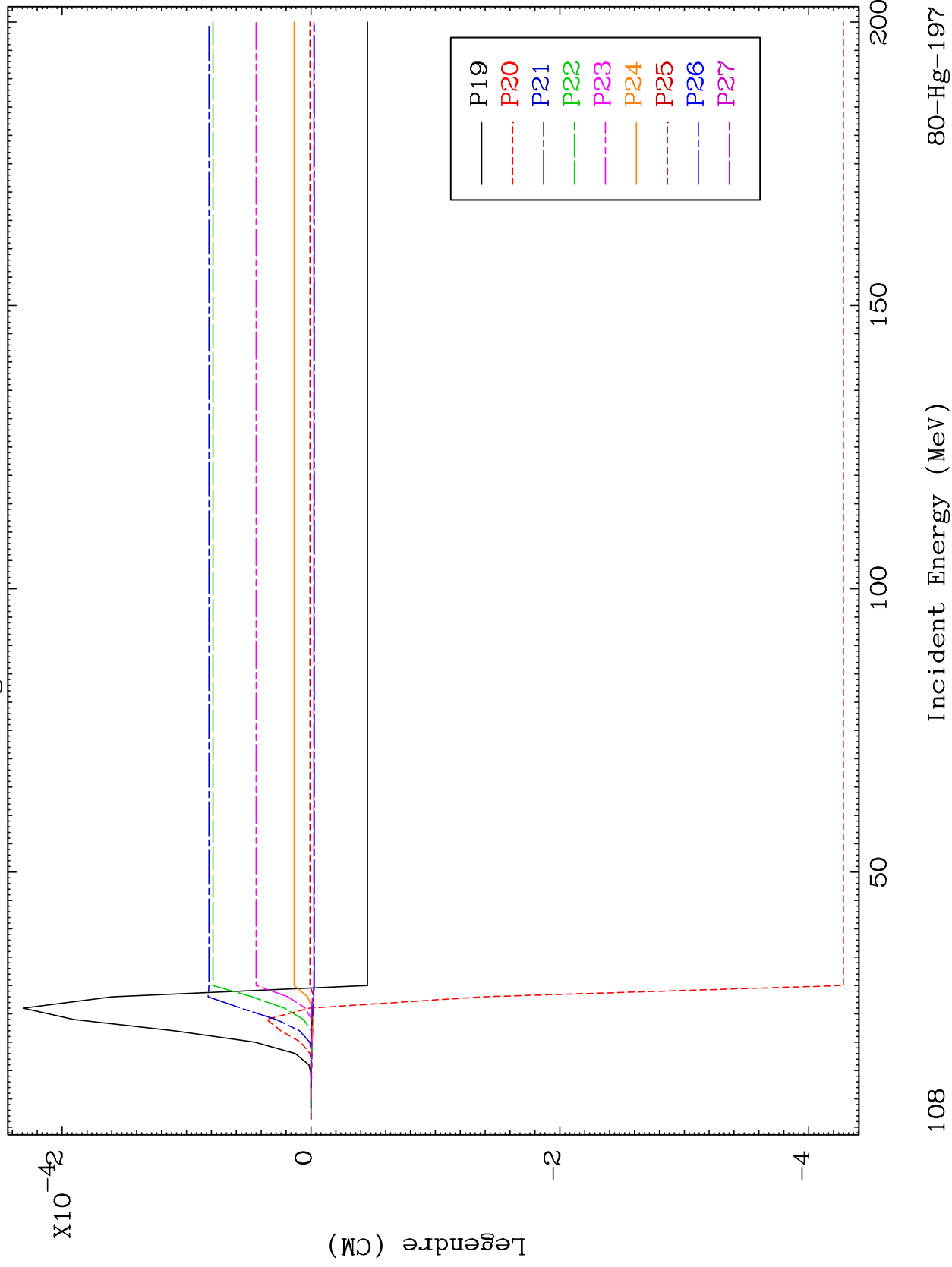
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

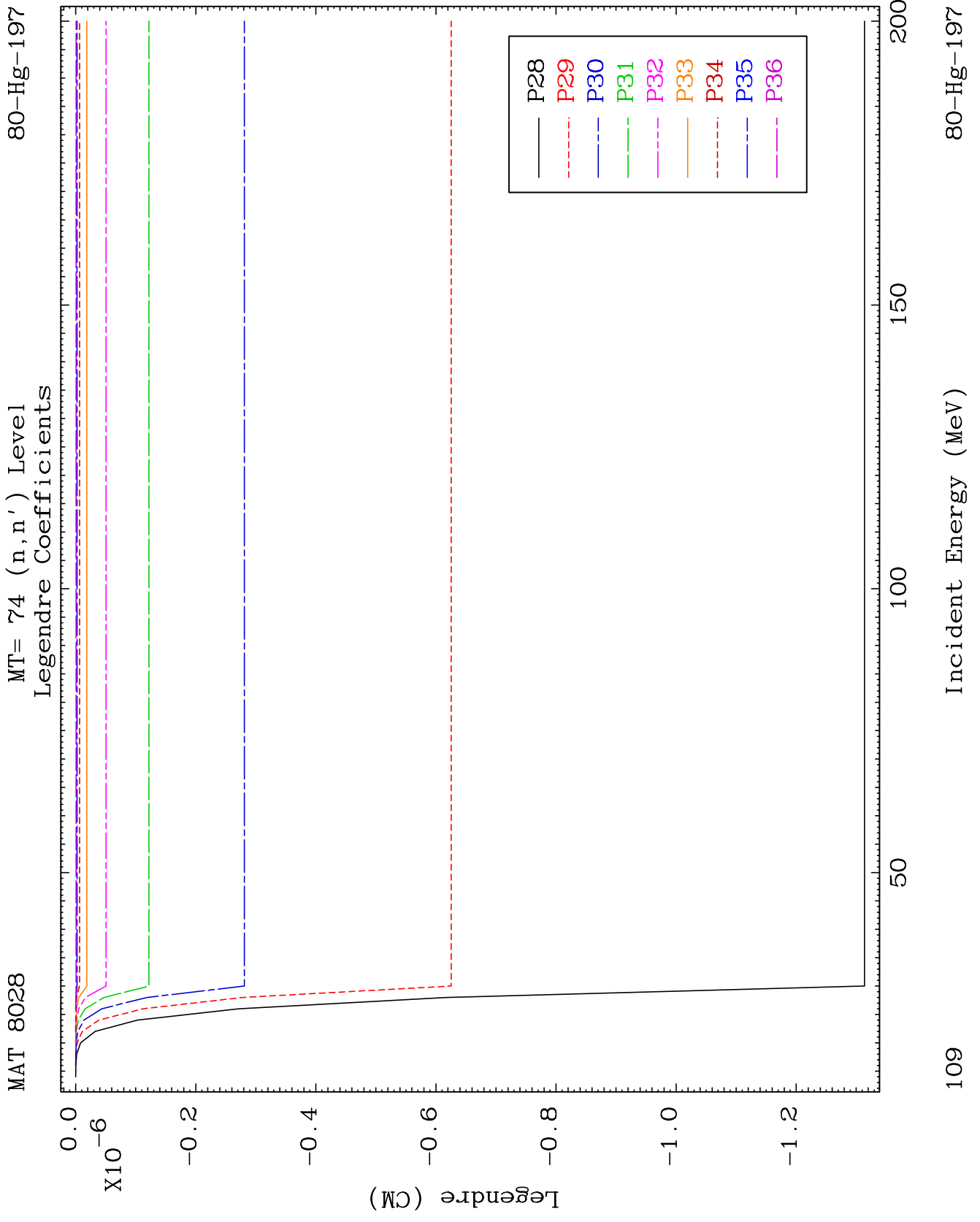
80-Hg-197

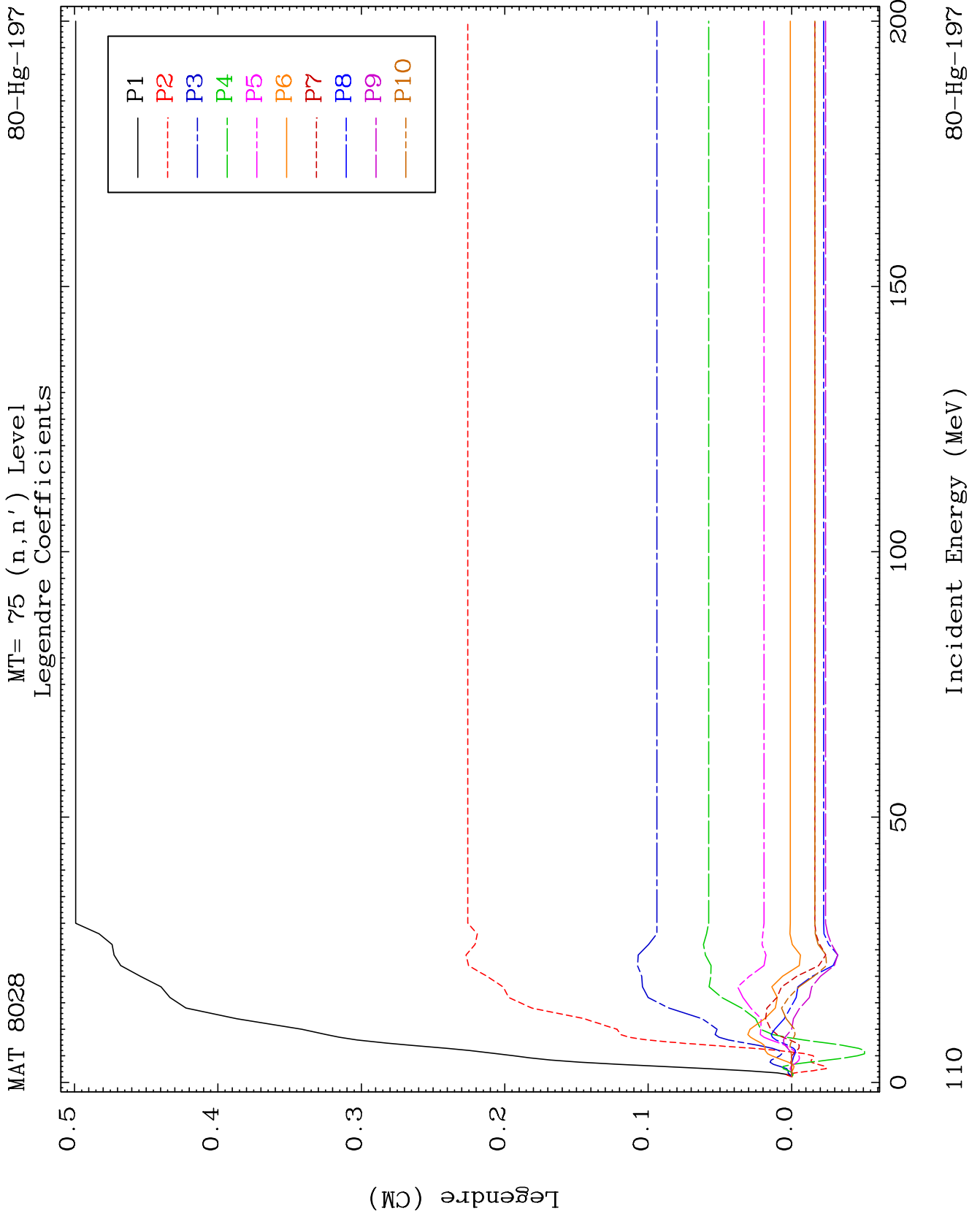


108

Incident Energy (MeV)

80-Hg-197

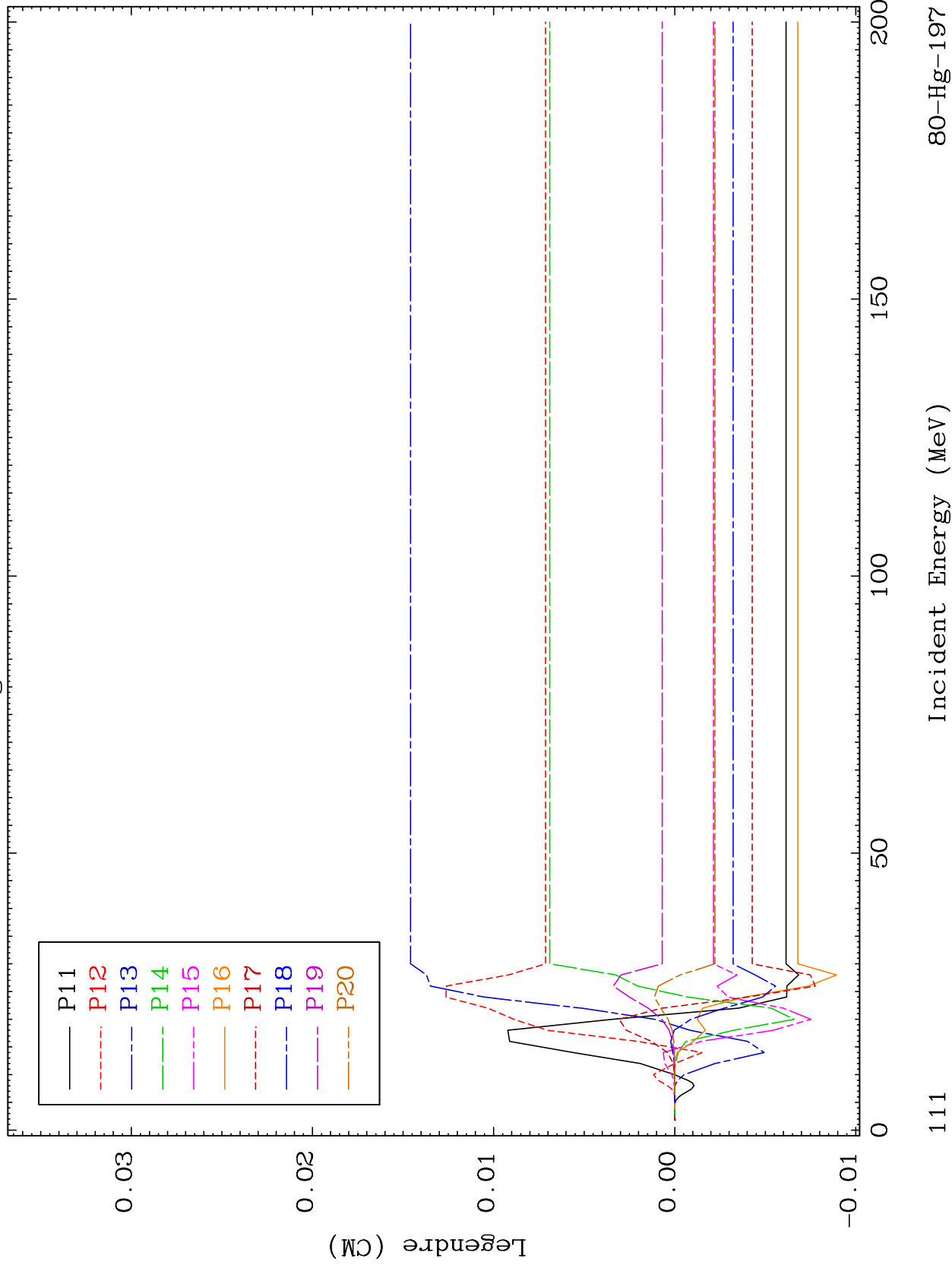




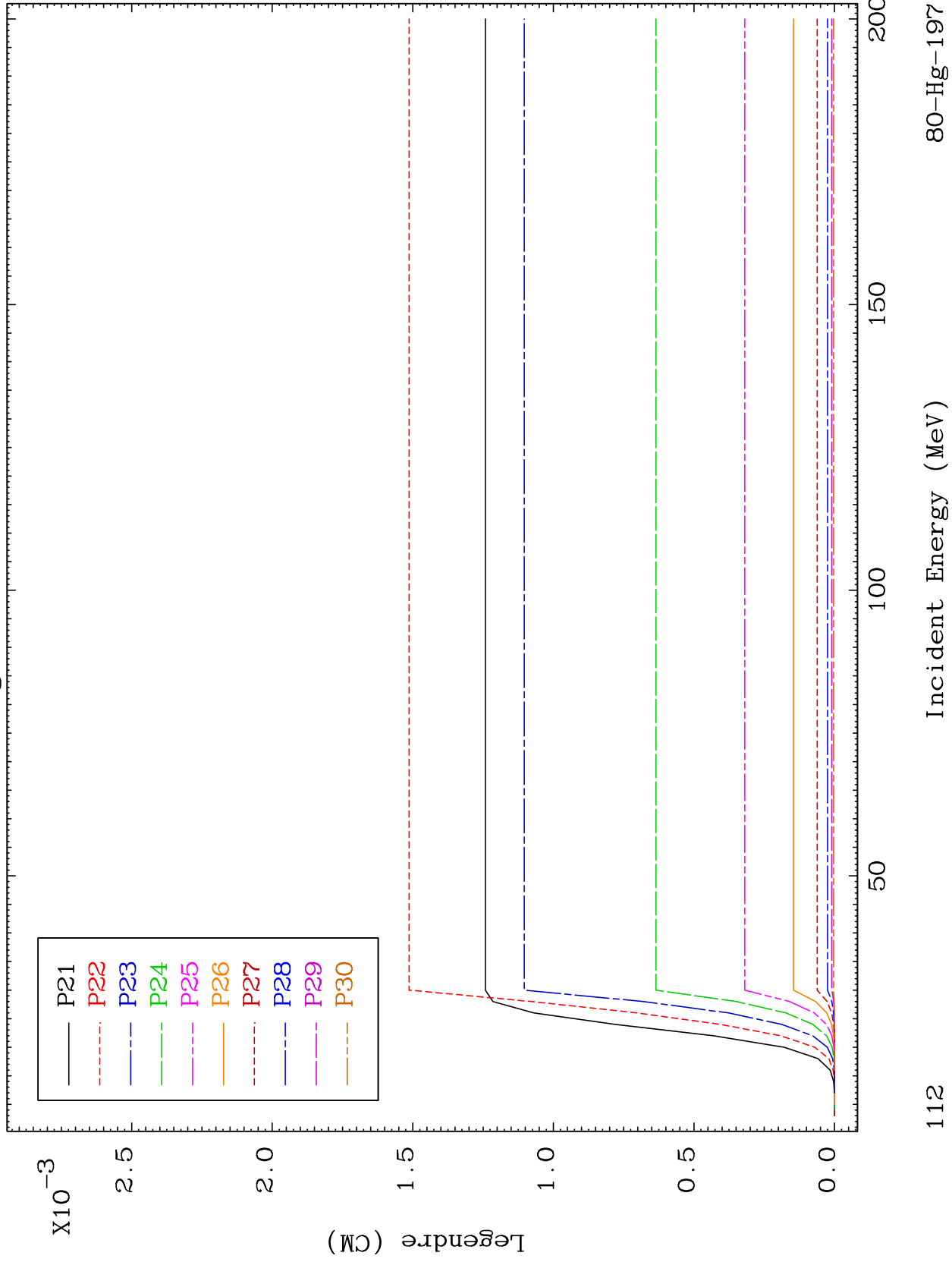
MAT 8028

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

80-Hg-197



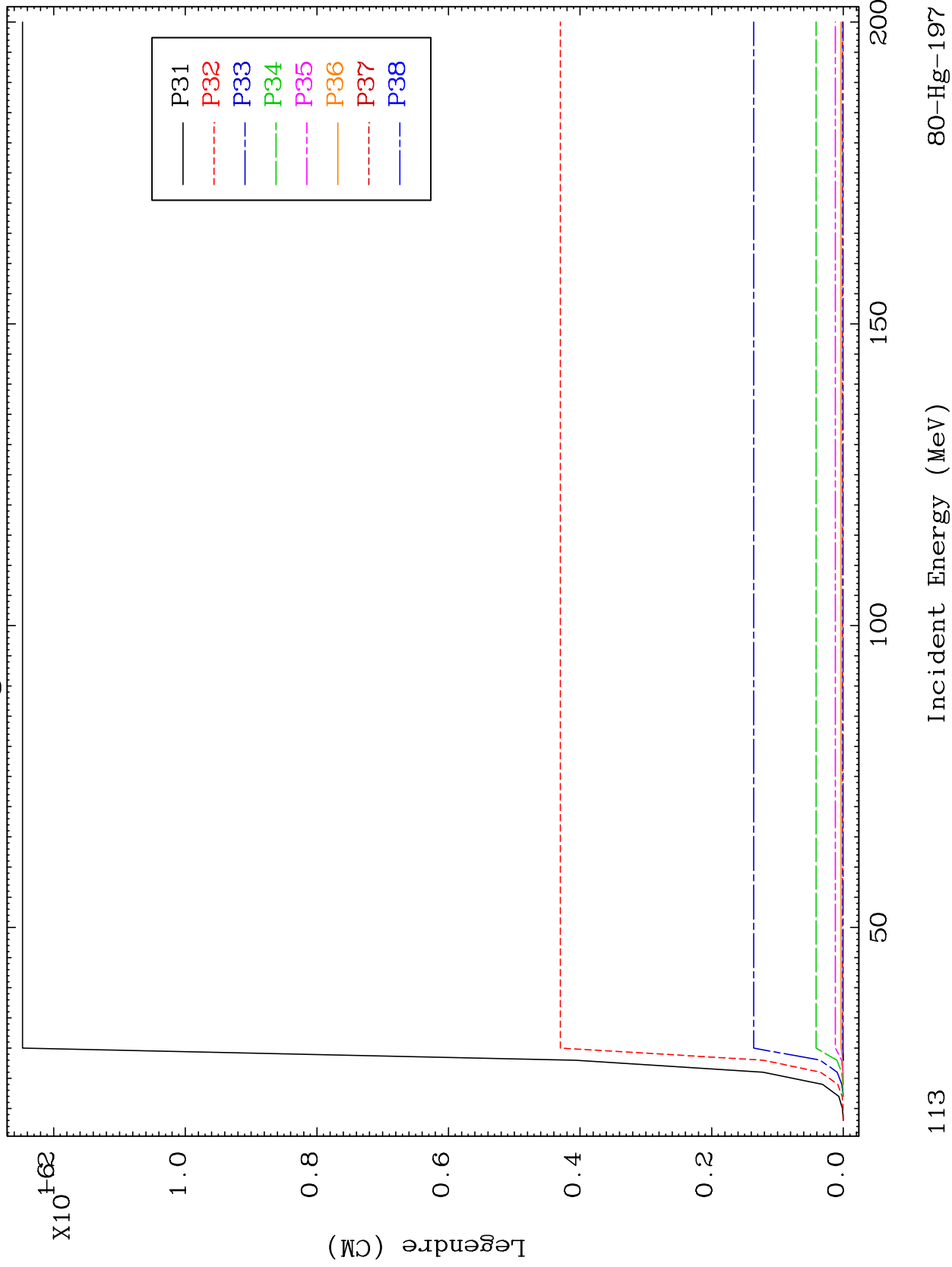
111



MAT 8028

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

80-Hg-197

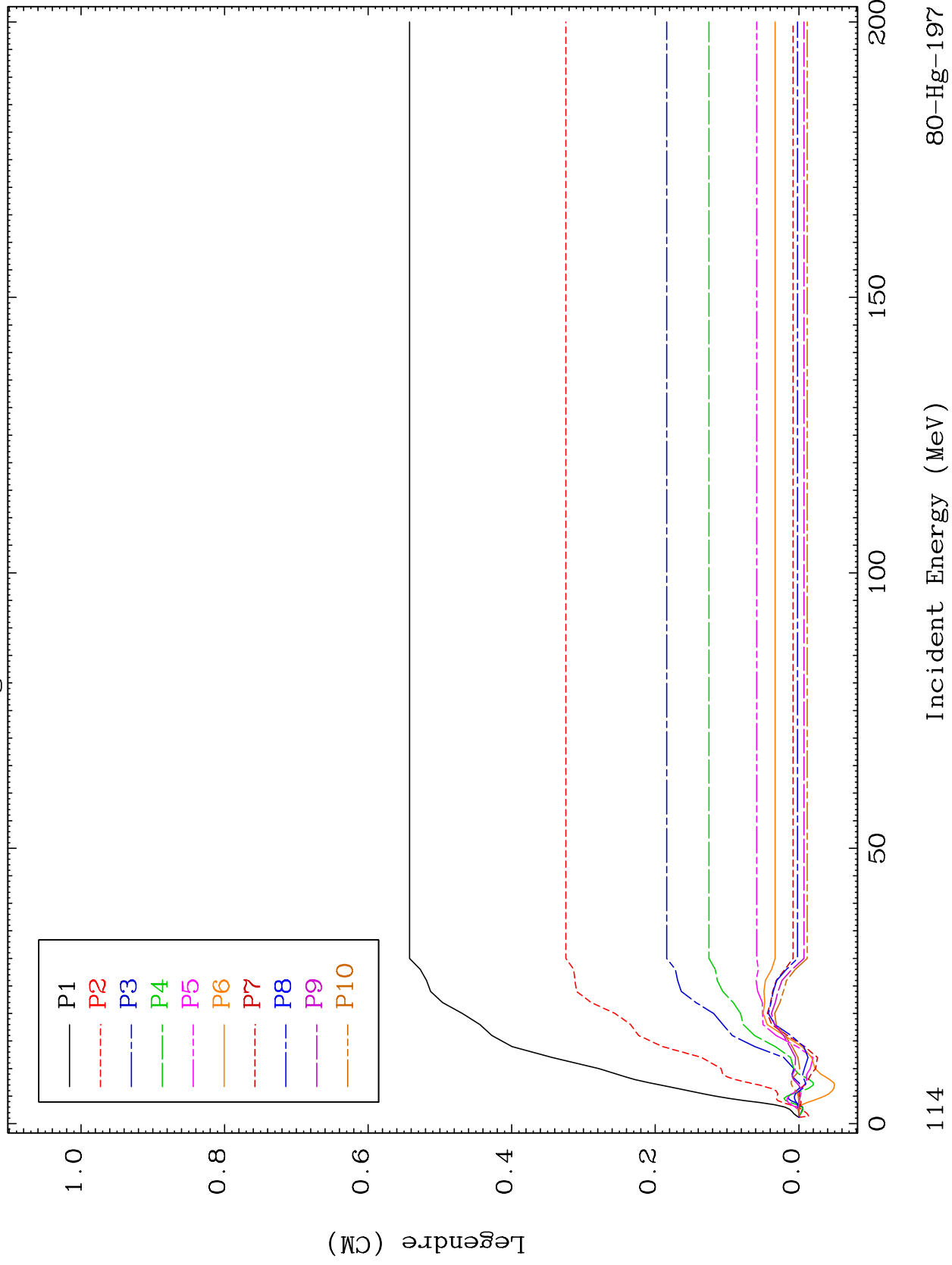


113

MAT 8028

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

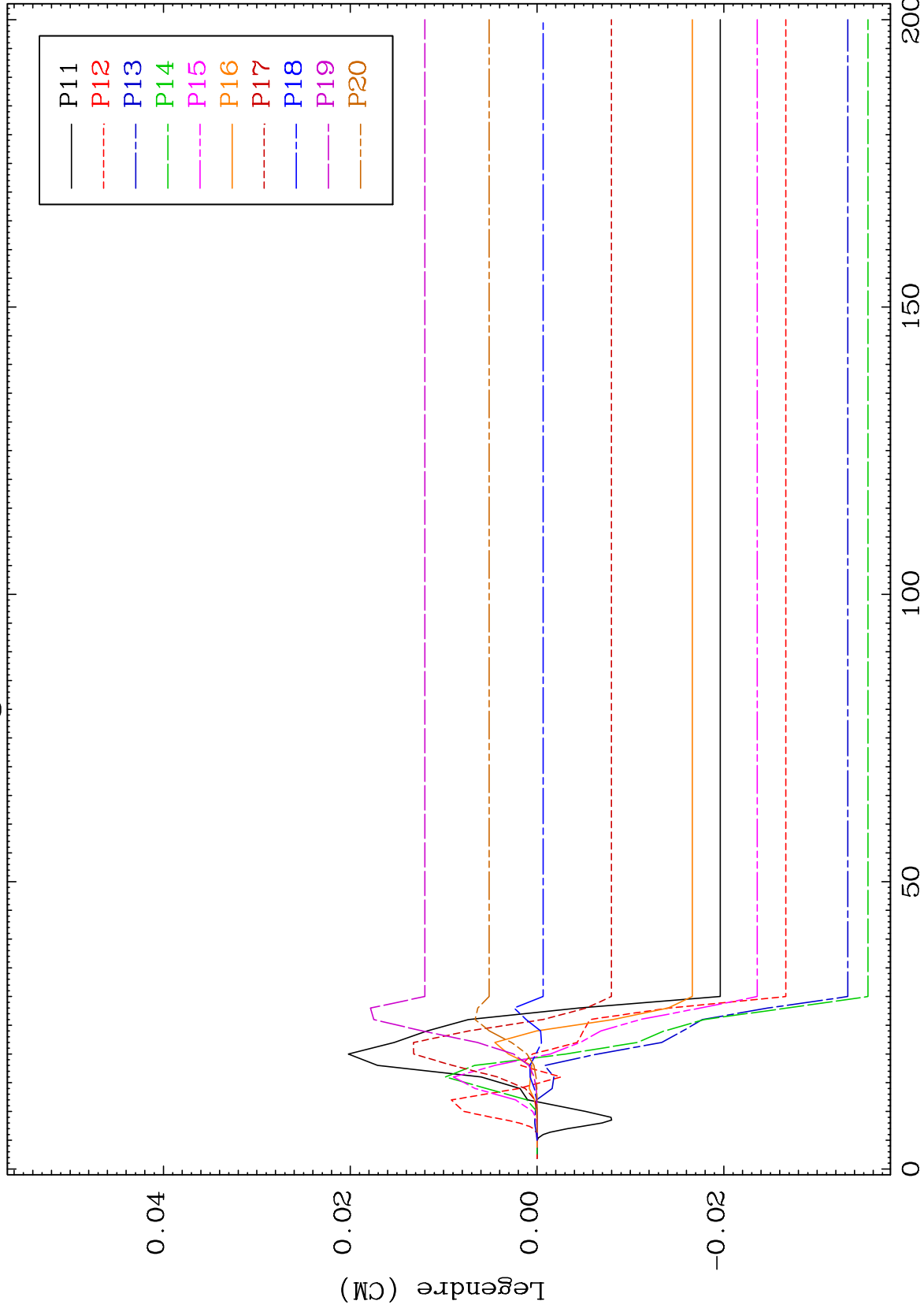
80-Hg-197



MAT 8028

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

80-Hg-197



115

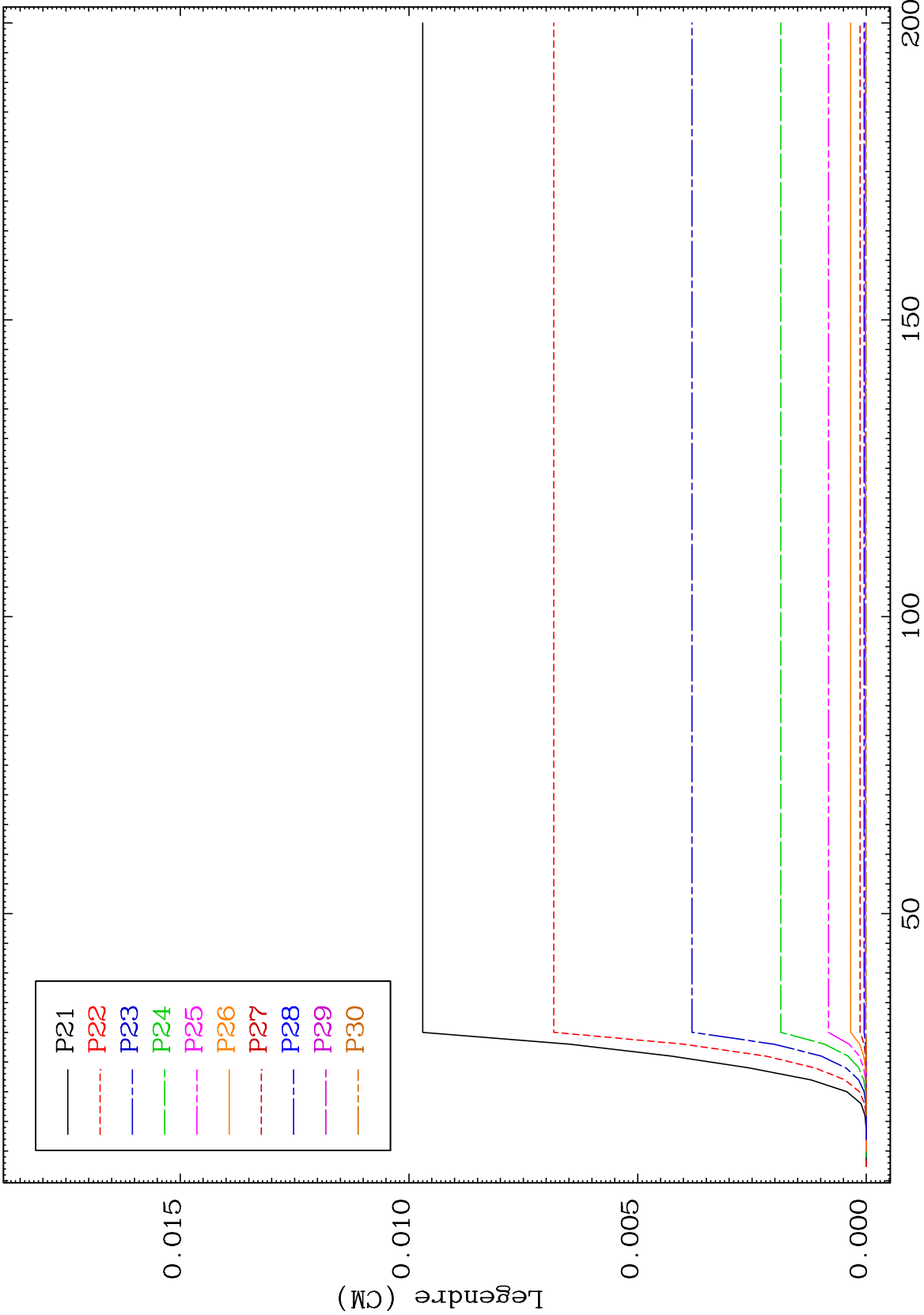
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



116

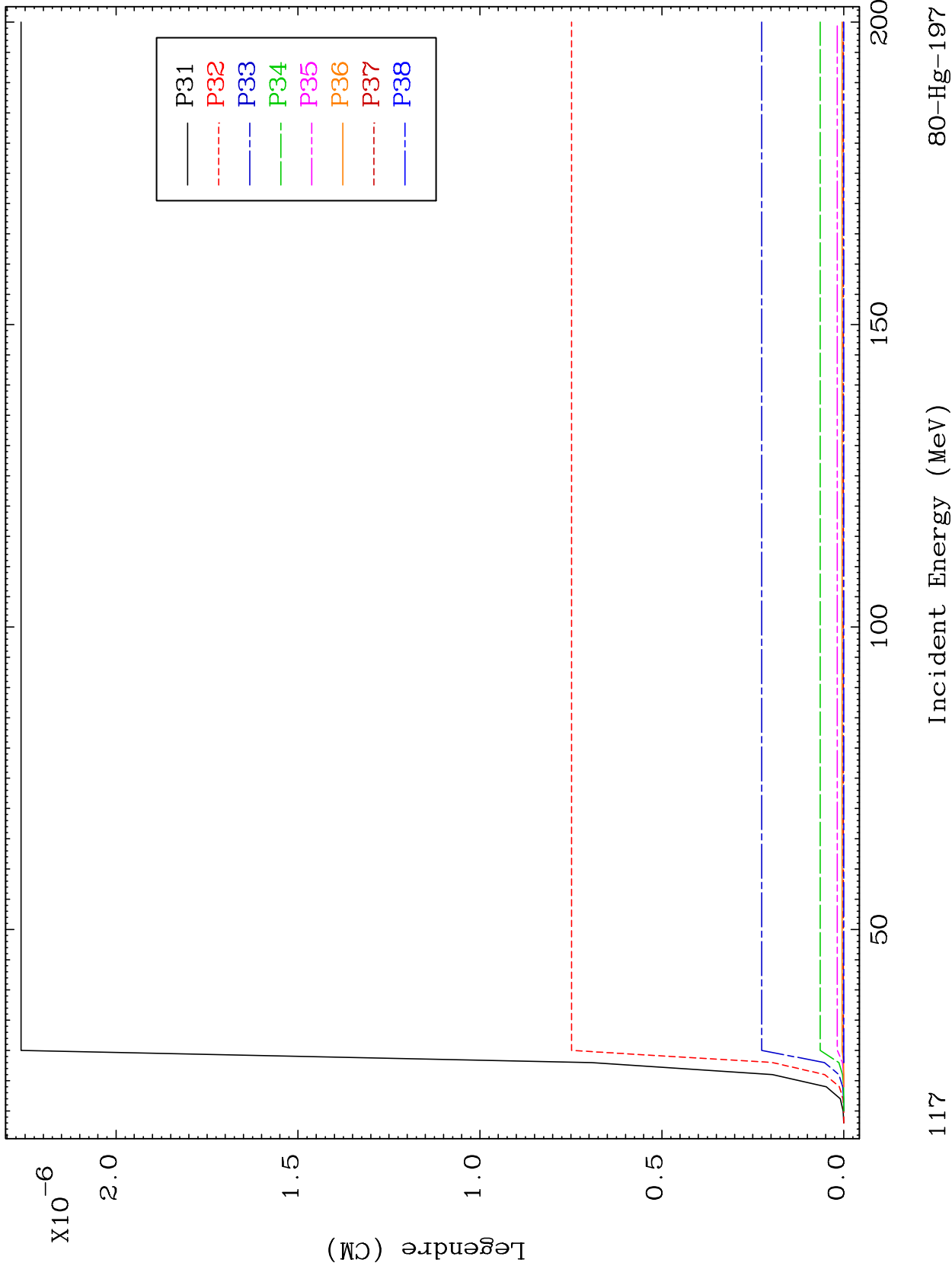
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



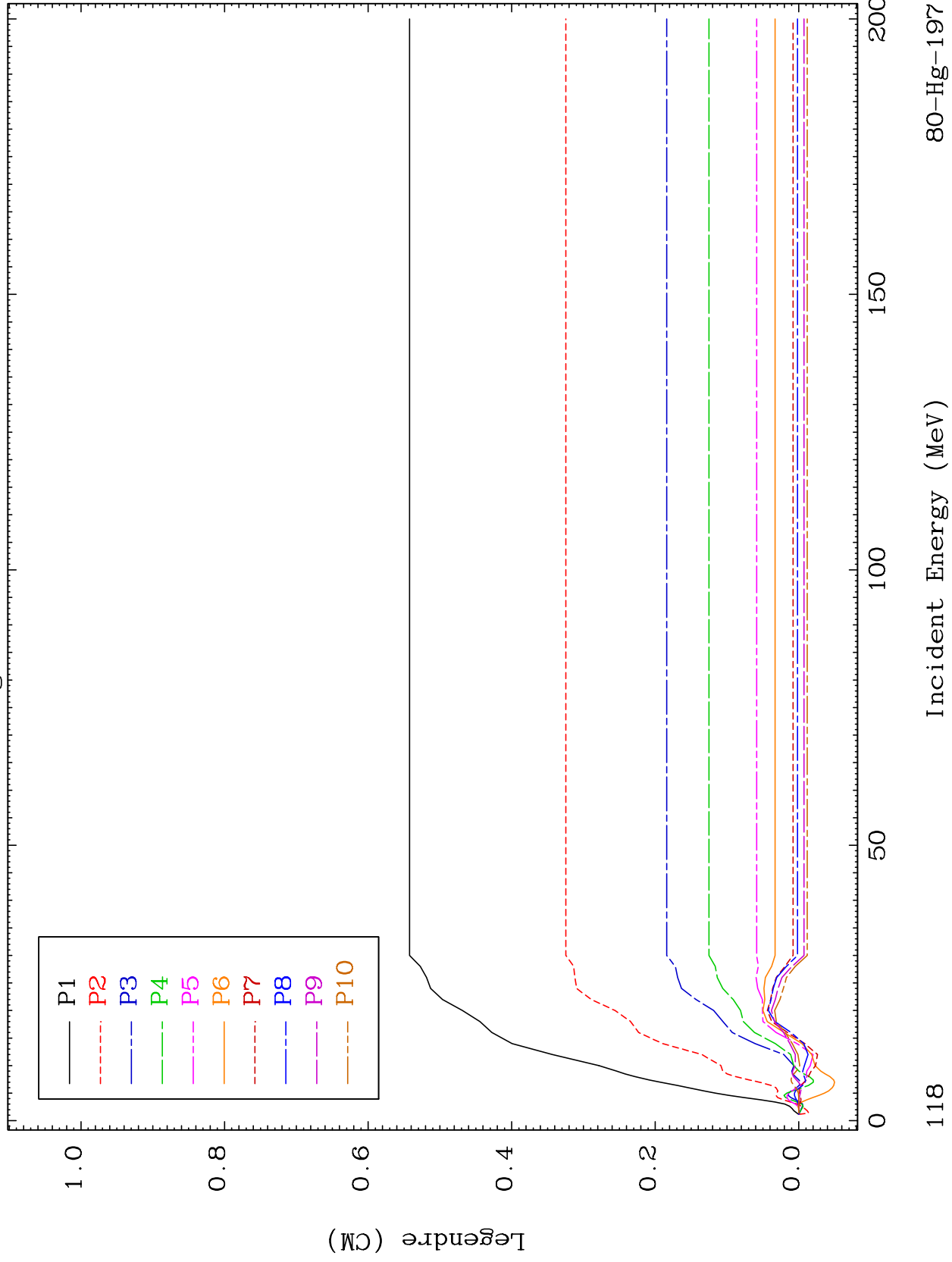
117

80-Hg-197

MAT 8028

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

80-Hg-197

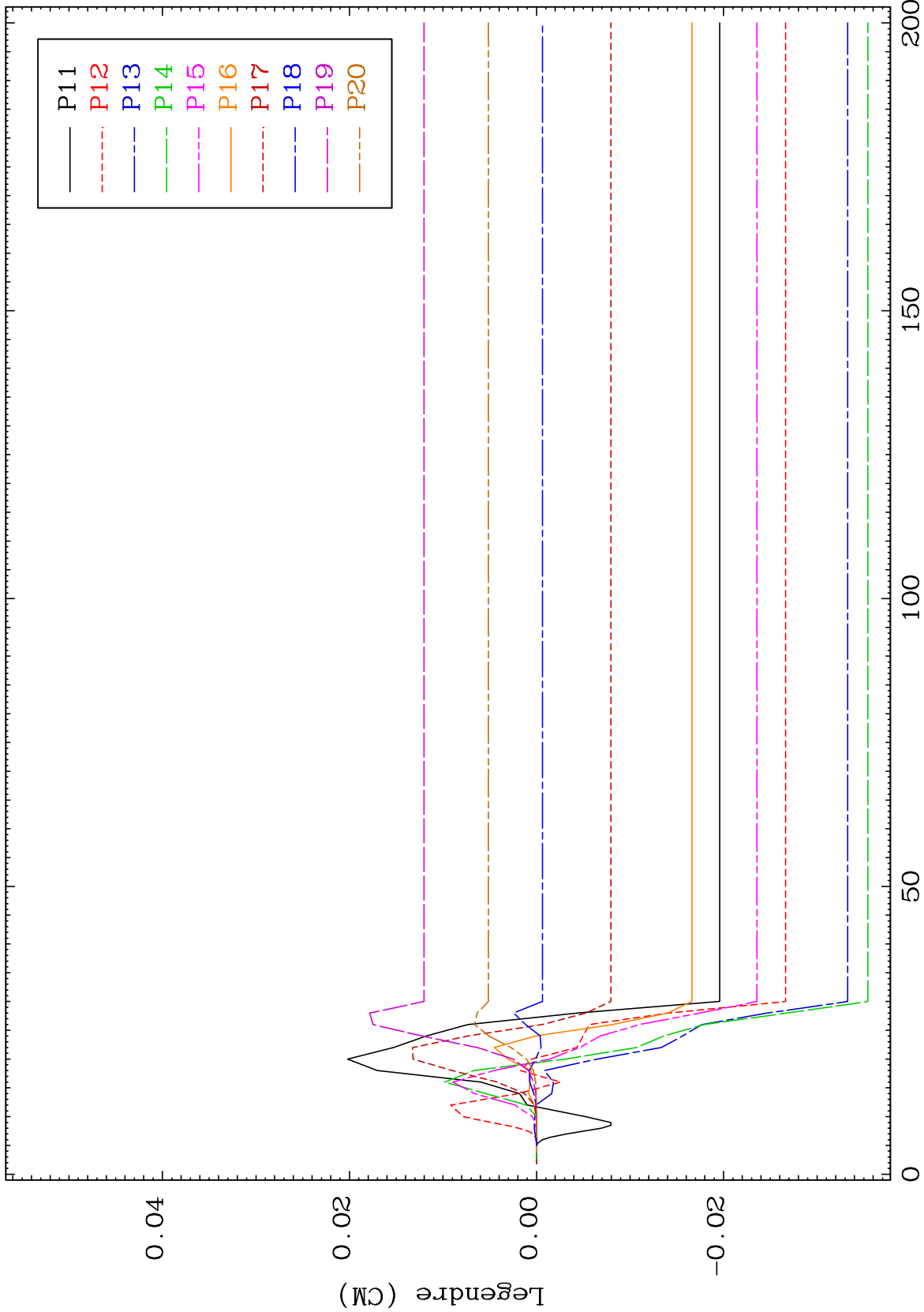


118

MAT 8028

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

80-Hg-197



80-Hg-197

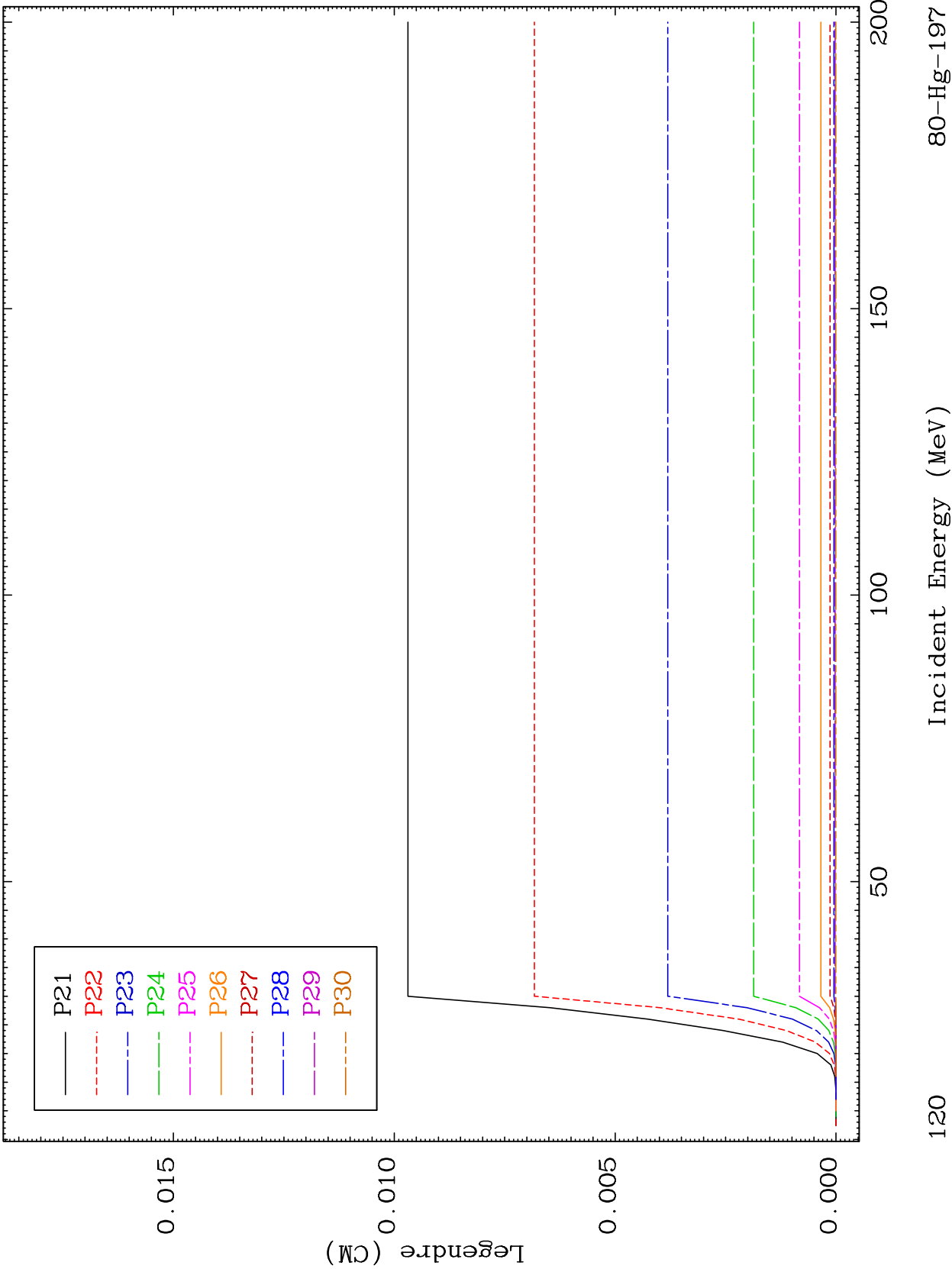
Incident Energy (MeV)

119

MAT 8028

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

80-Hg-197



120

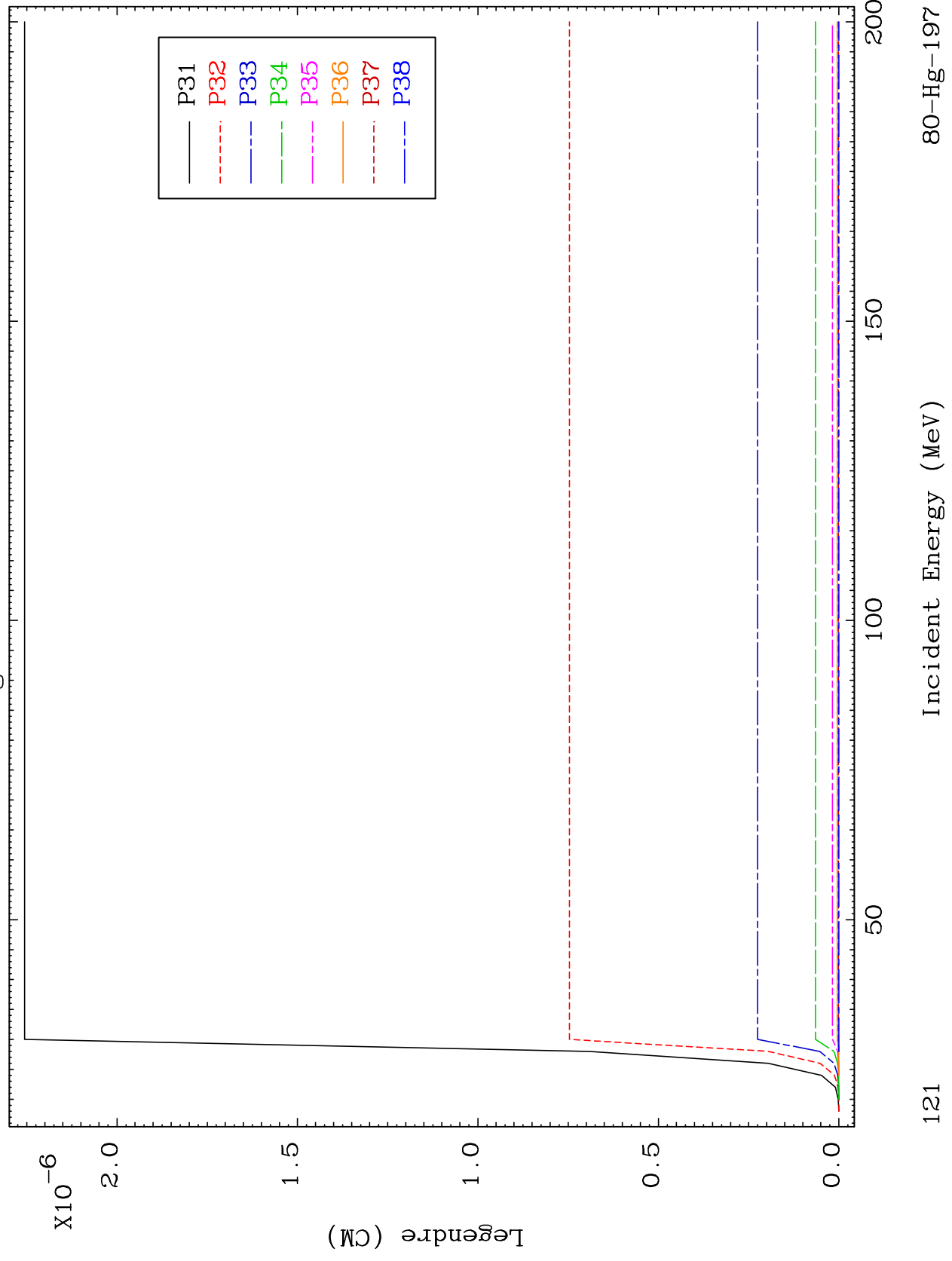
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

80-Hg-197



121

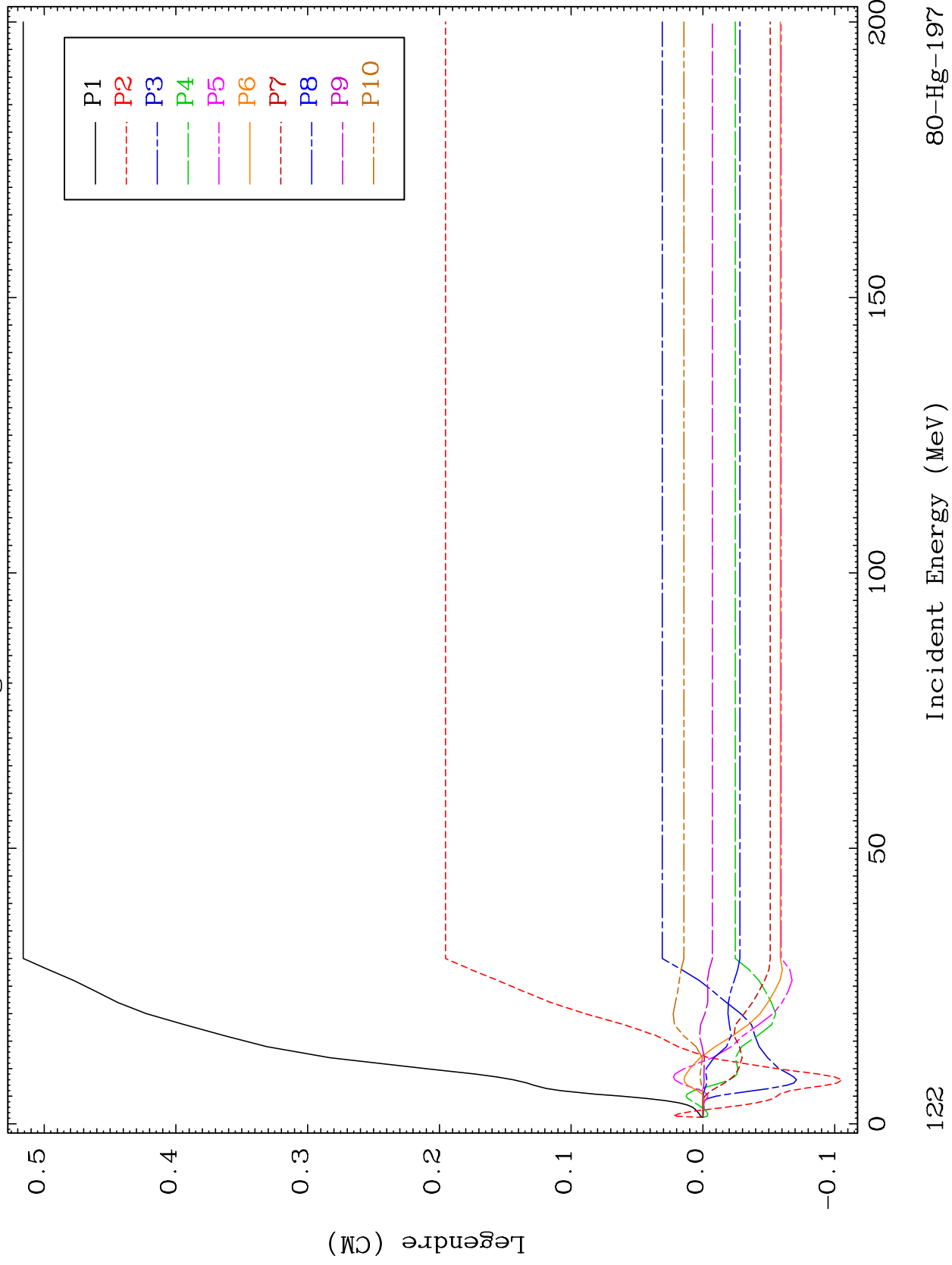
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

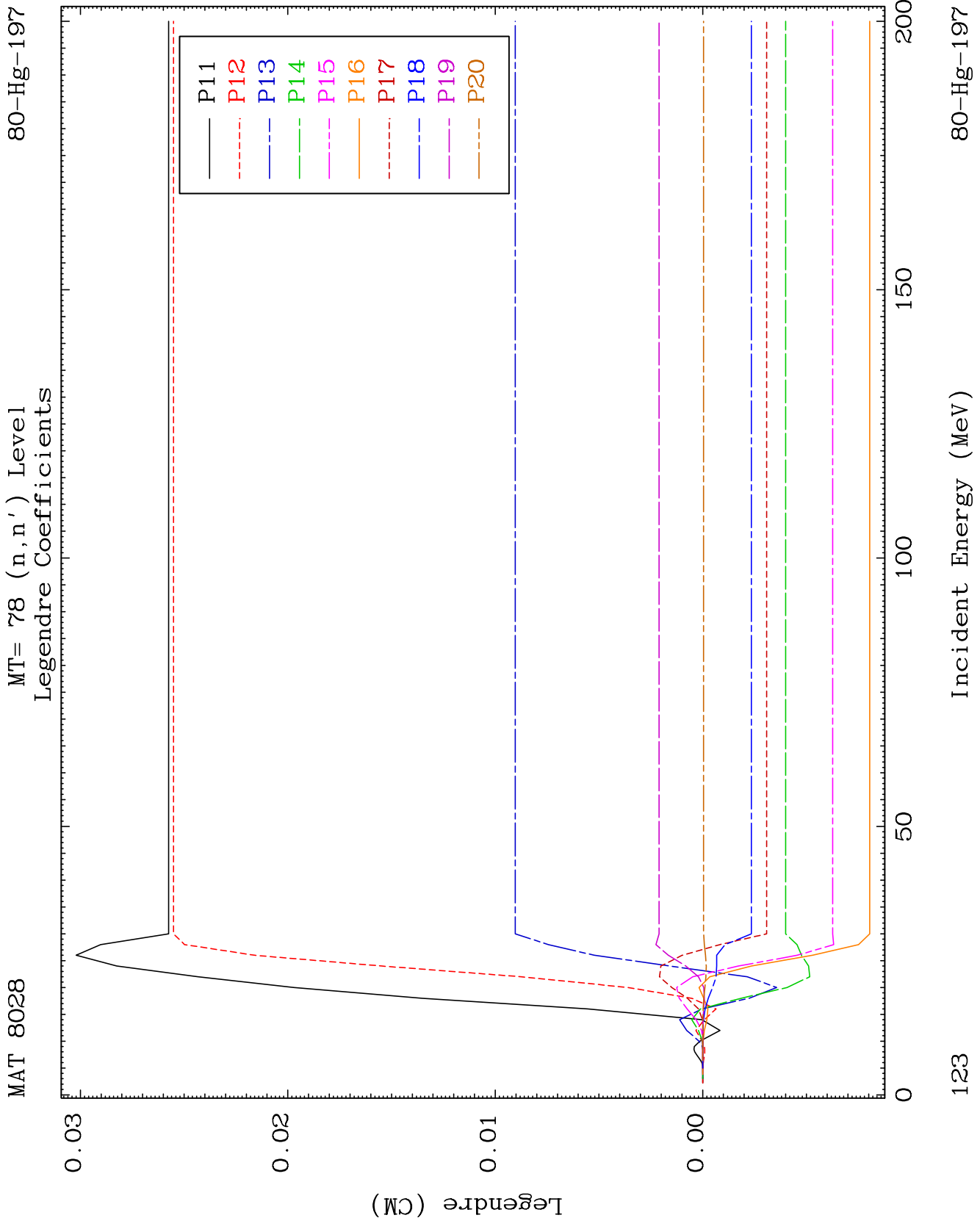
80-Hg-197



80-Hg-197

Incident Energy (MeV)

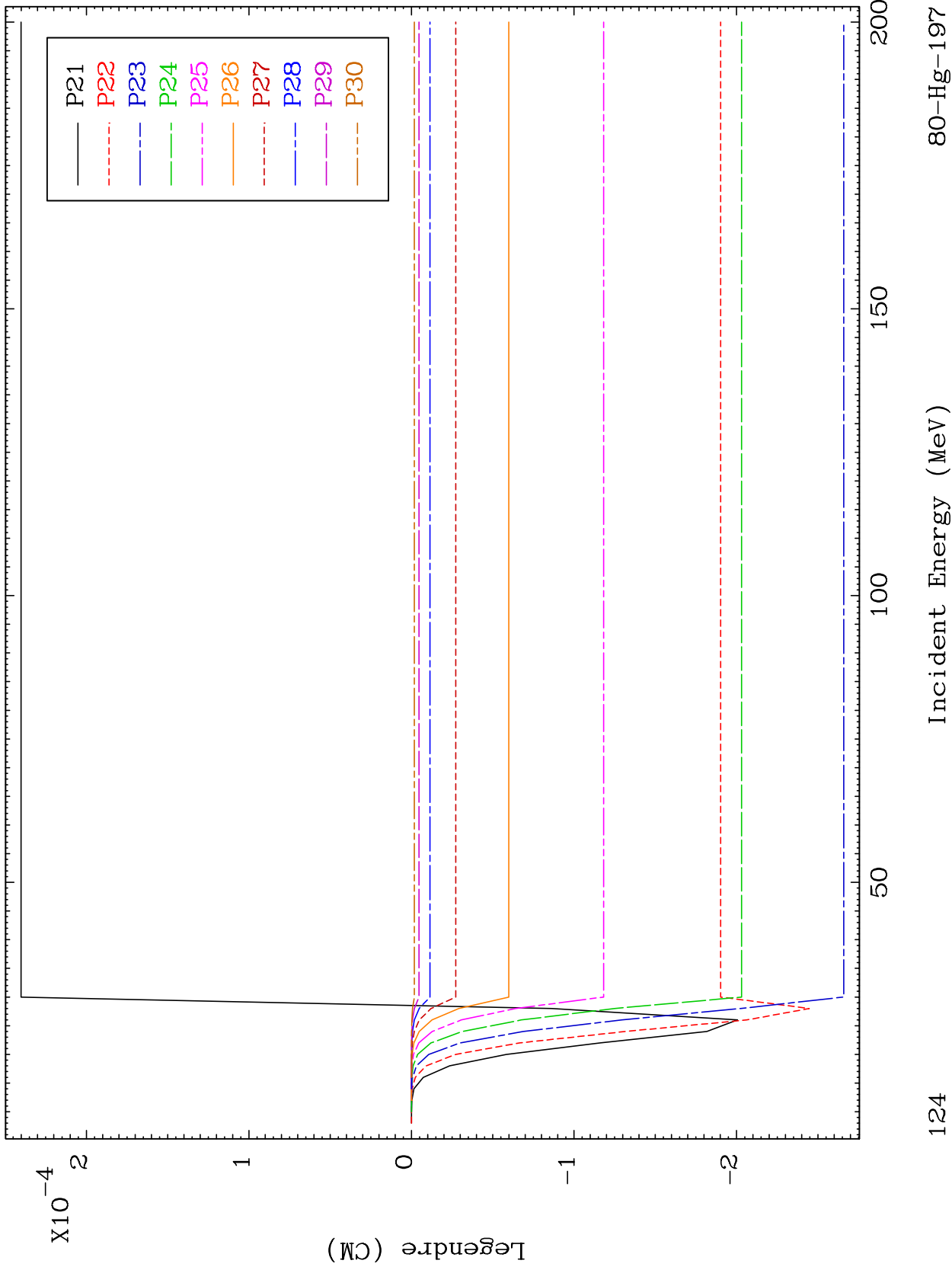
122

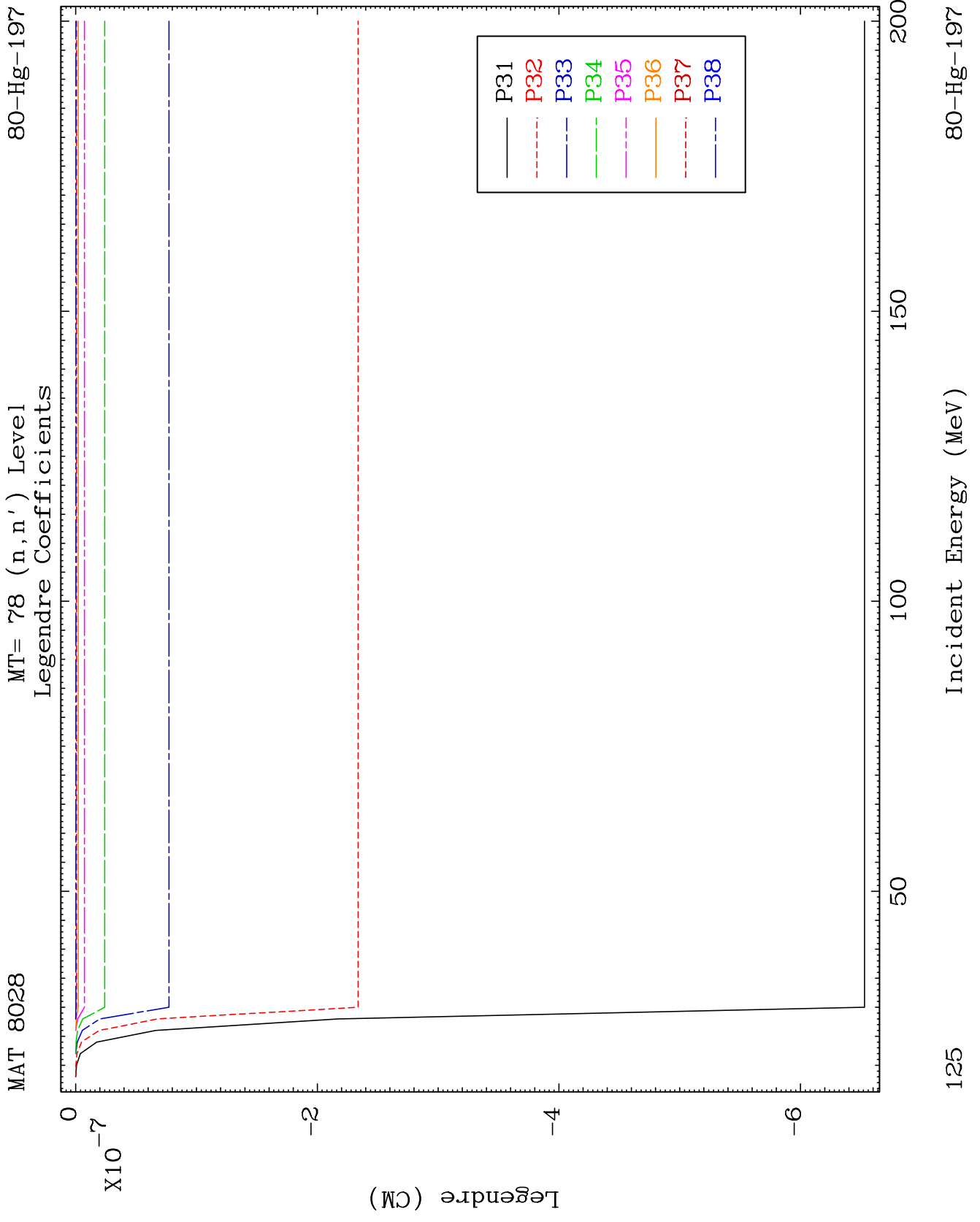


MAT 8028

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

80-Hg-197

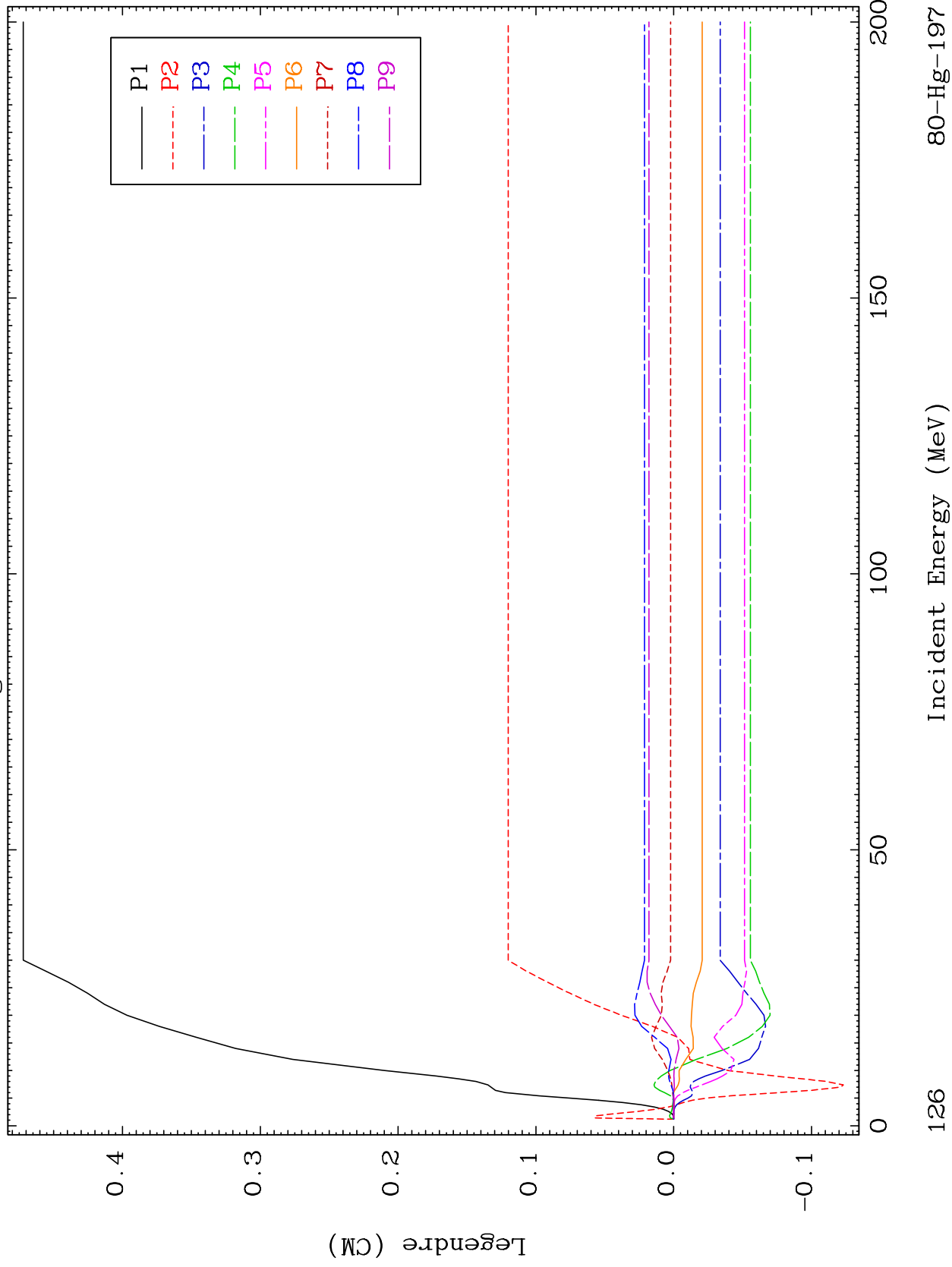




MAT 8028

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

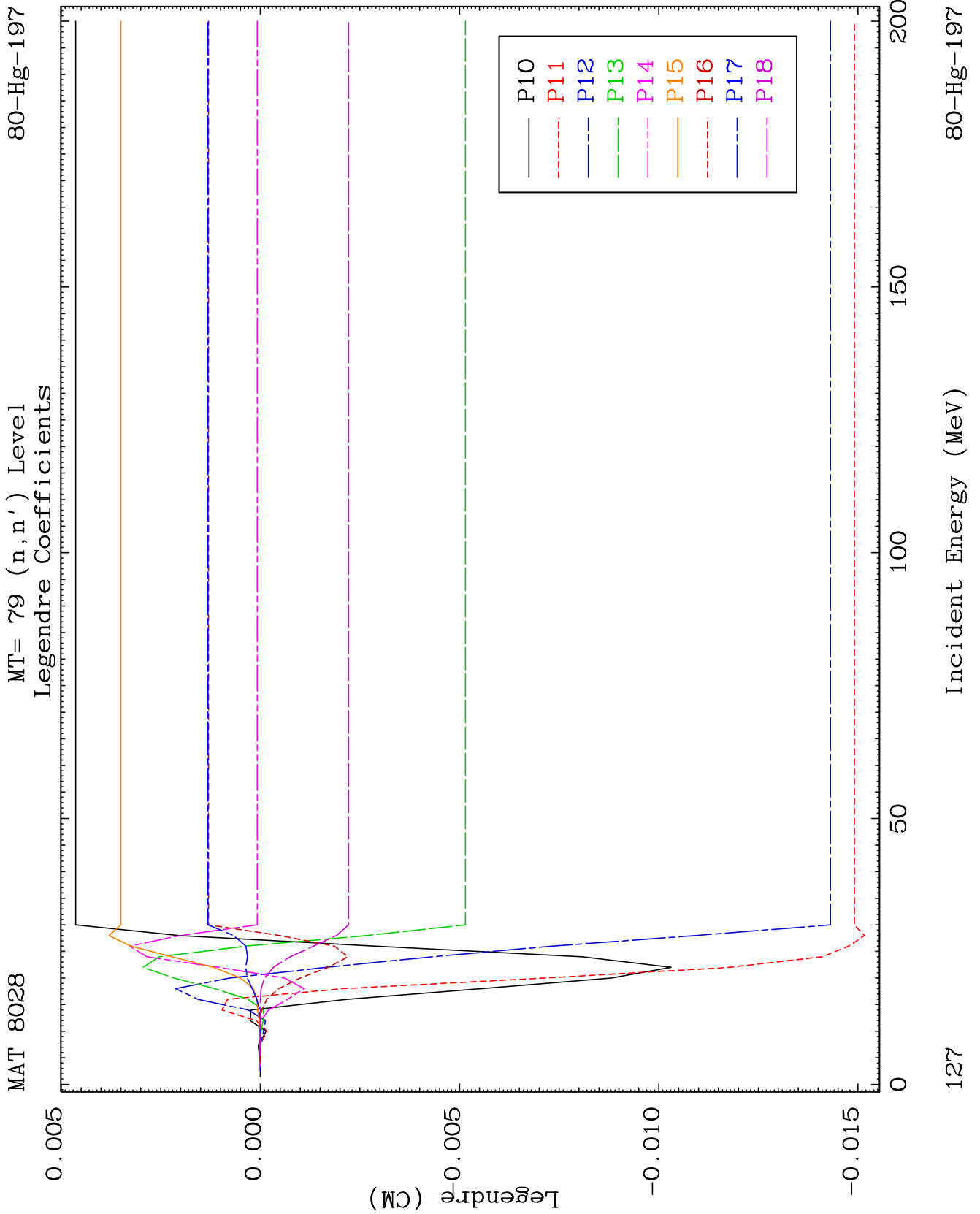
80-Hg-197



80-Hg-197

Incident Energy (MeV)

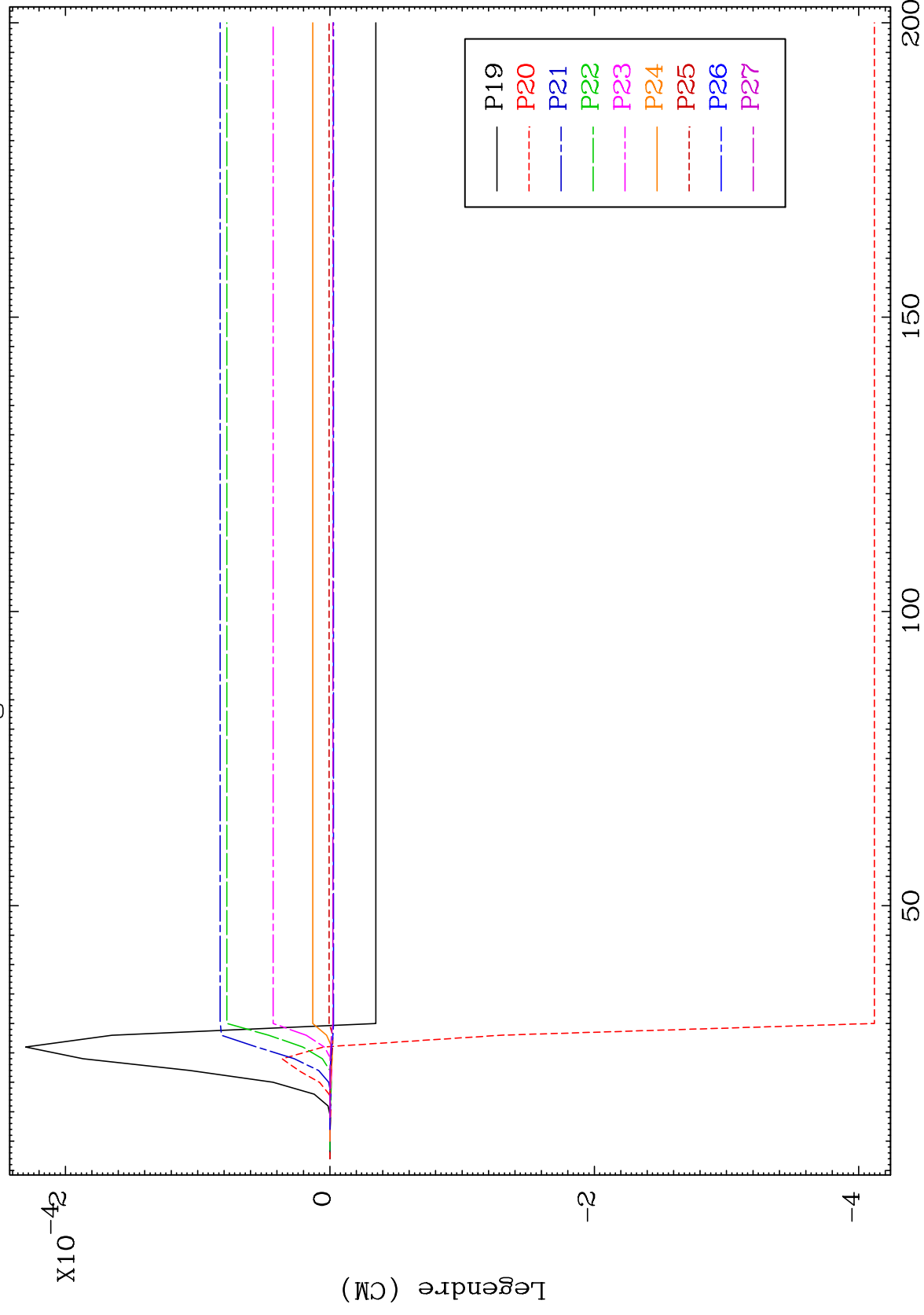
126



MAT 8028

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

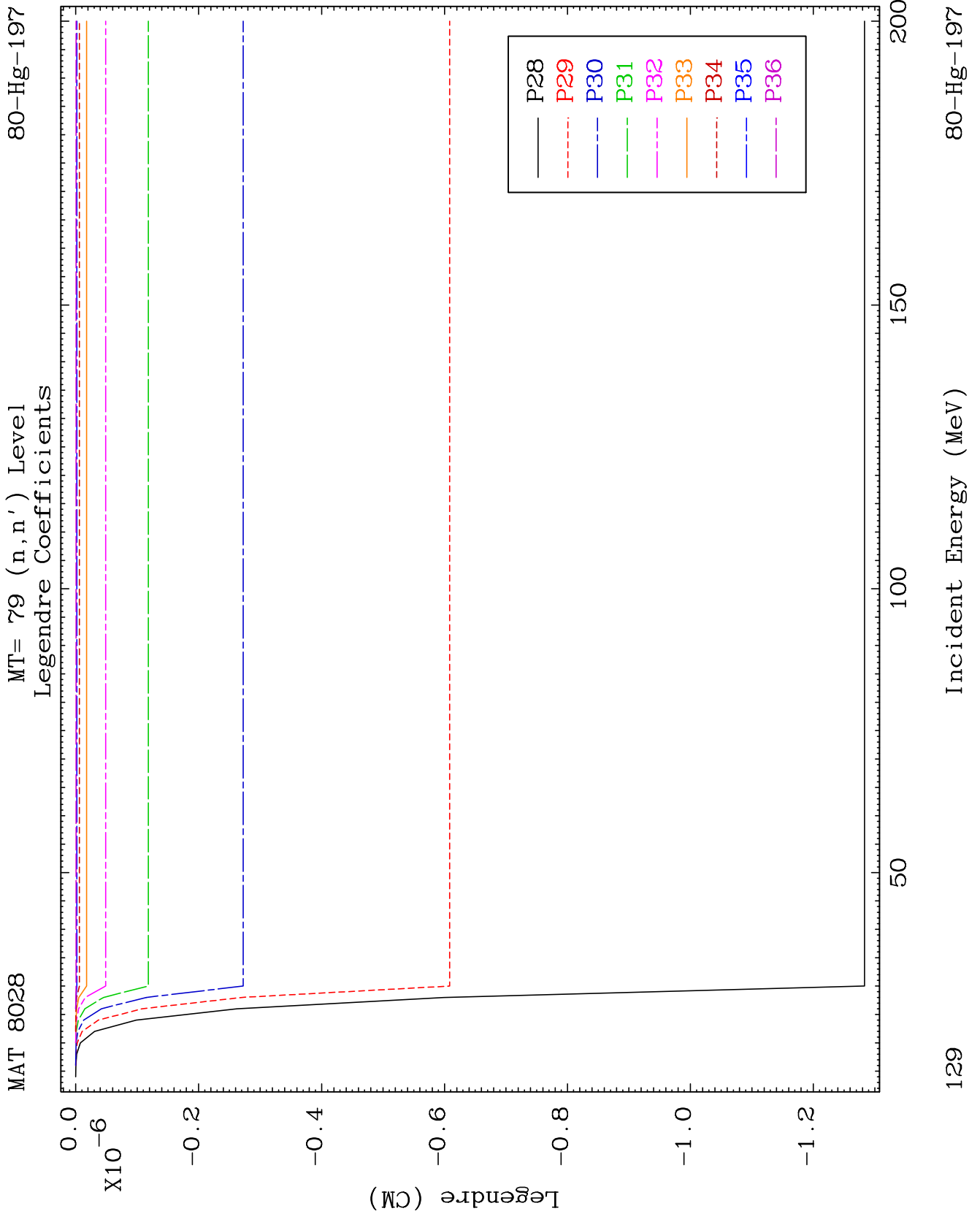
80-Hg-197



128

Incident Energy (MeV)

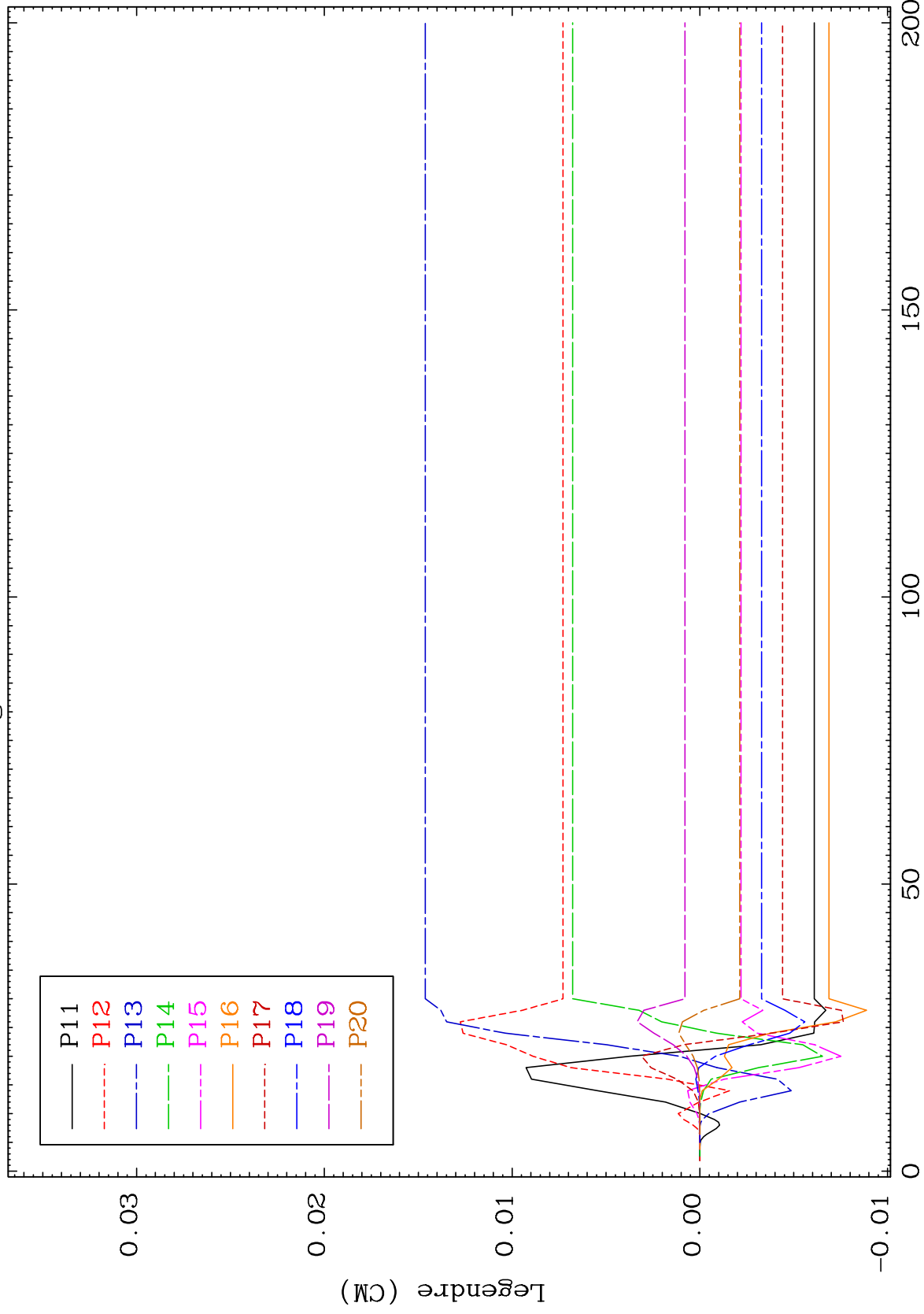
80-Hg-197



MAT 8028

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

80-Hg-197



131

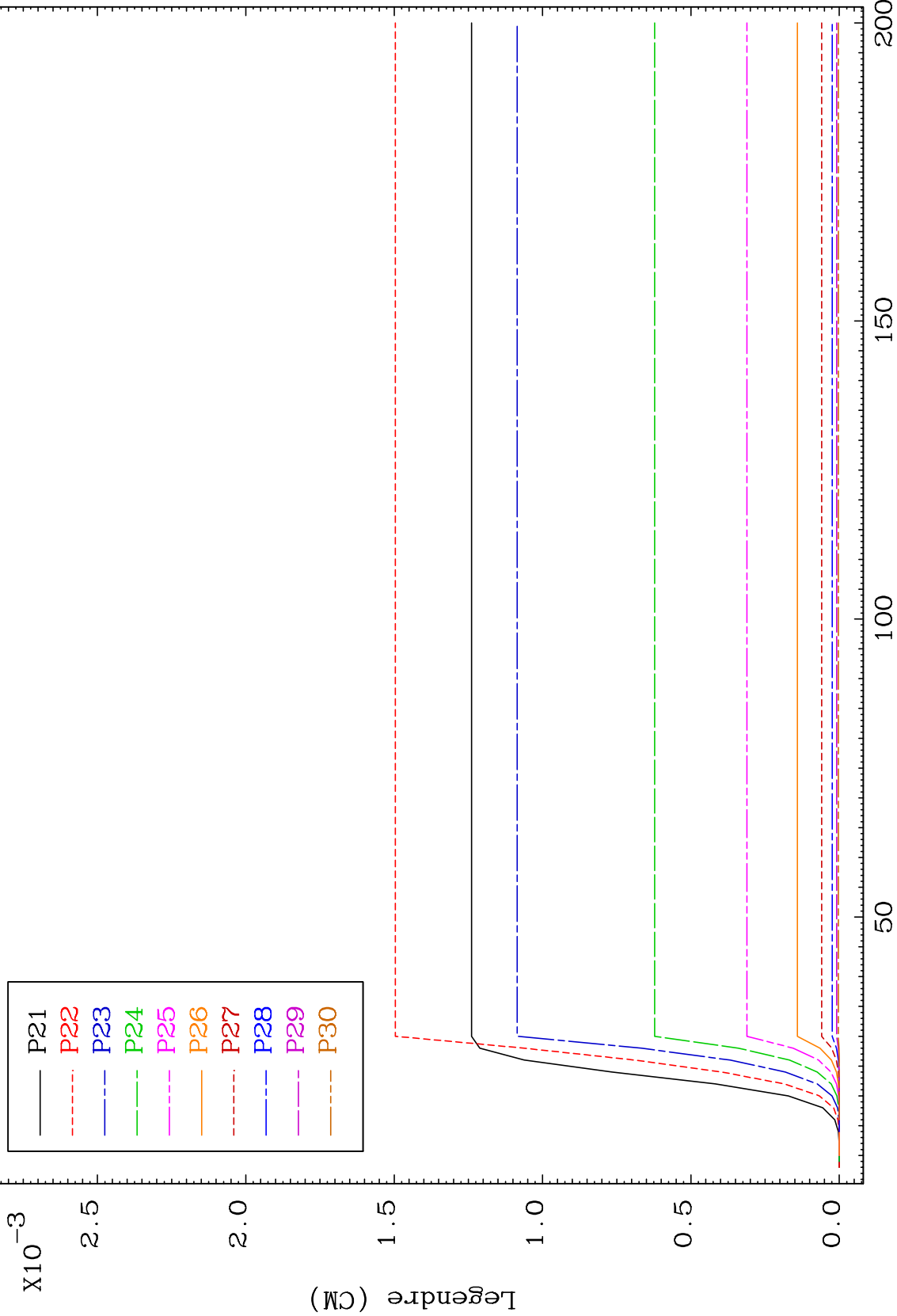
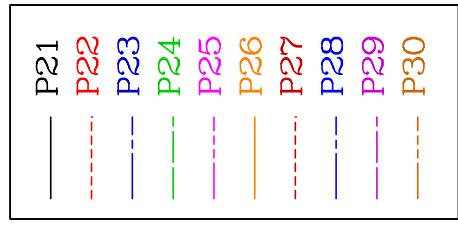
Incident Energy (MeV)

80-Hg-197

MAT 8028

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

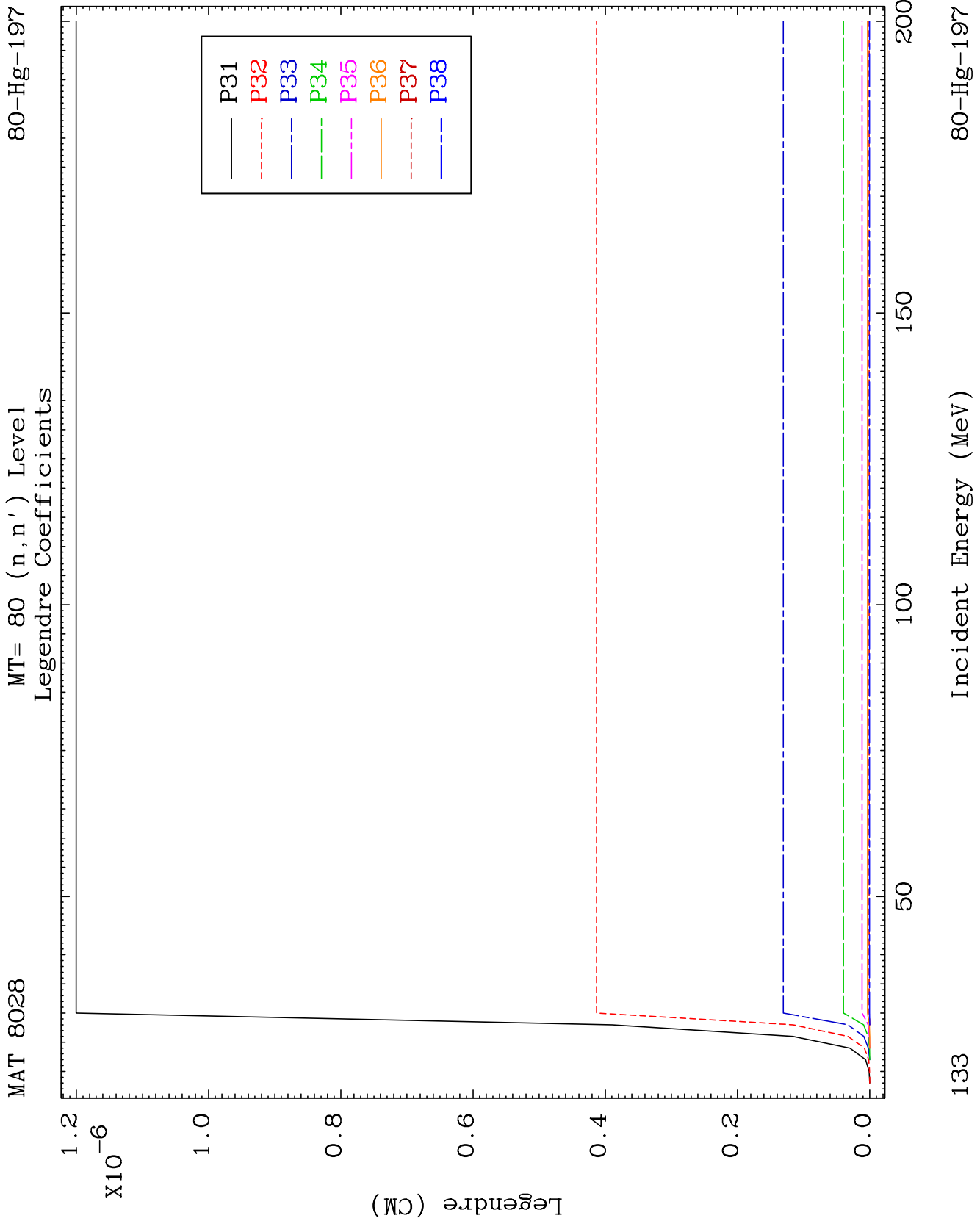
80-Hg-197



132

Incident Energy (MeV)

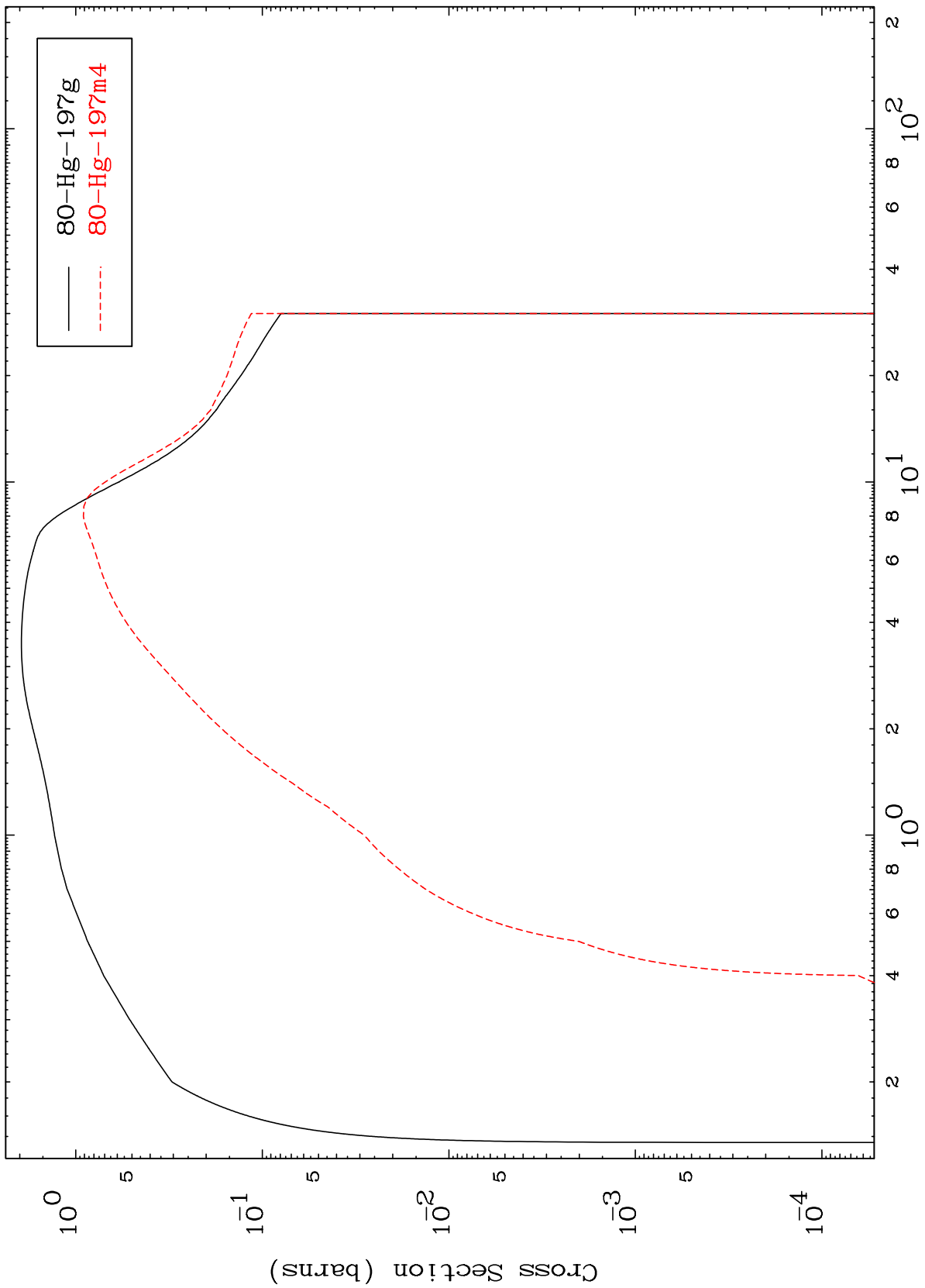
80-Hg-197



MAT 8028

80-Hg-197

Inelastic
Radionuclide Production Cross Section



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

134

80-Hg-197

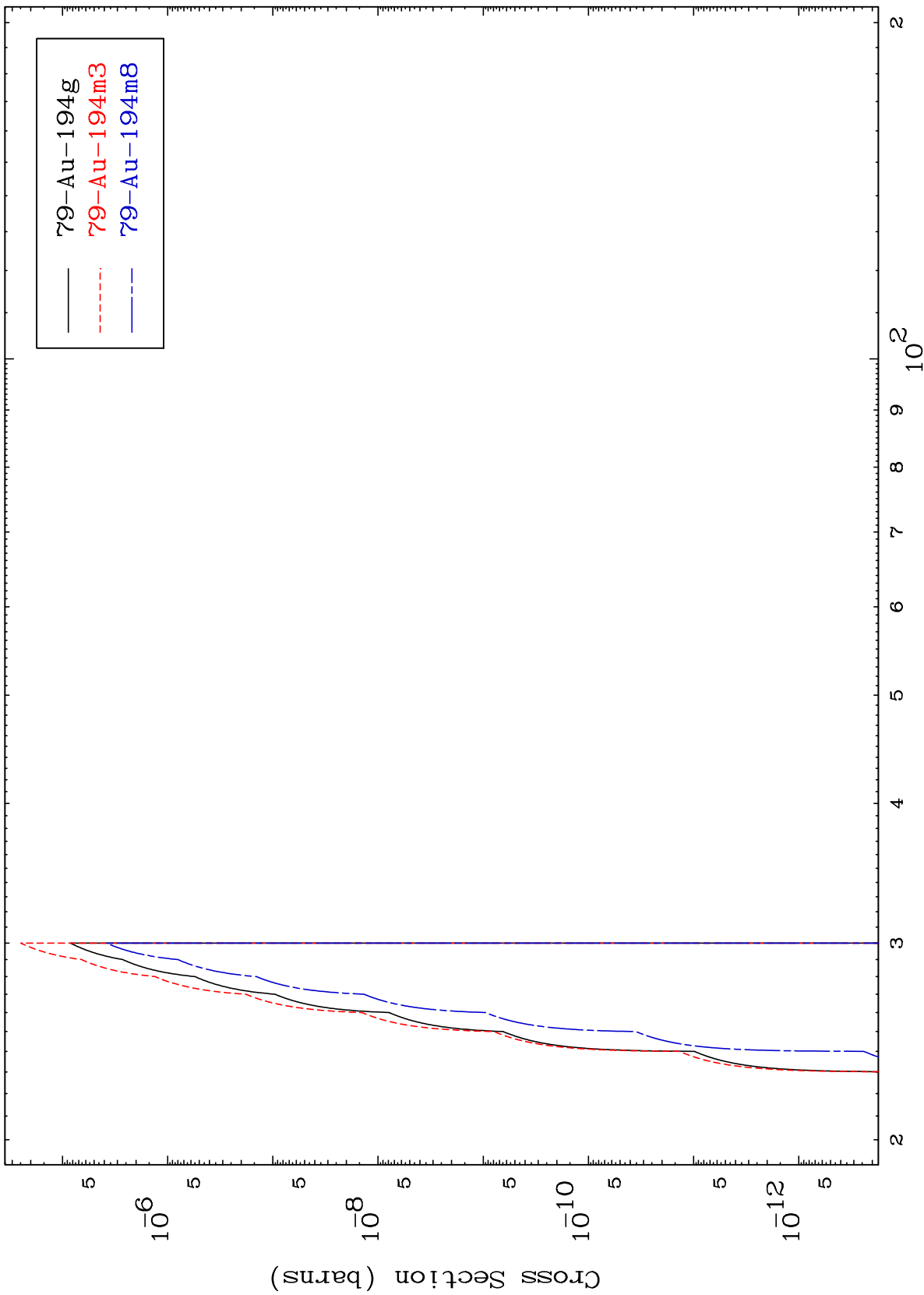
Incident Energy (MeV)

MAT 8028

(n,2n) d

80-Hg-197

Radionuclide Production Cross Section



135

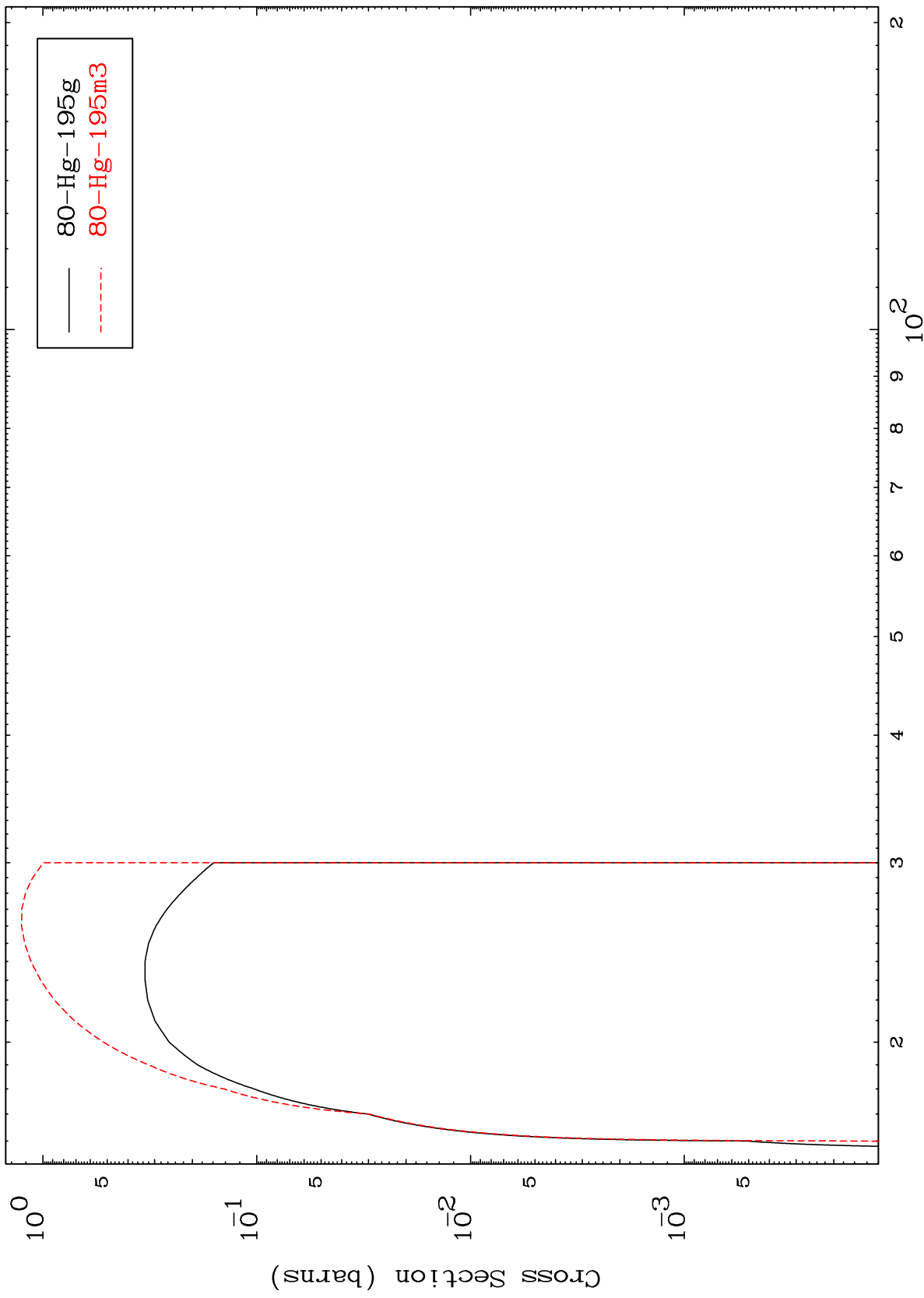
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

(n,3n)
Radionuclide Production Cross Section



136

Incident Energy (MeV)

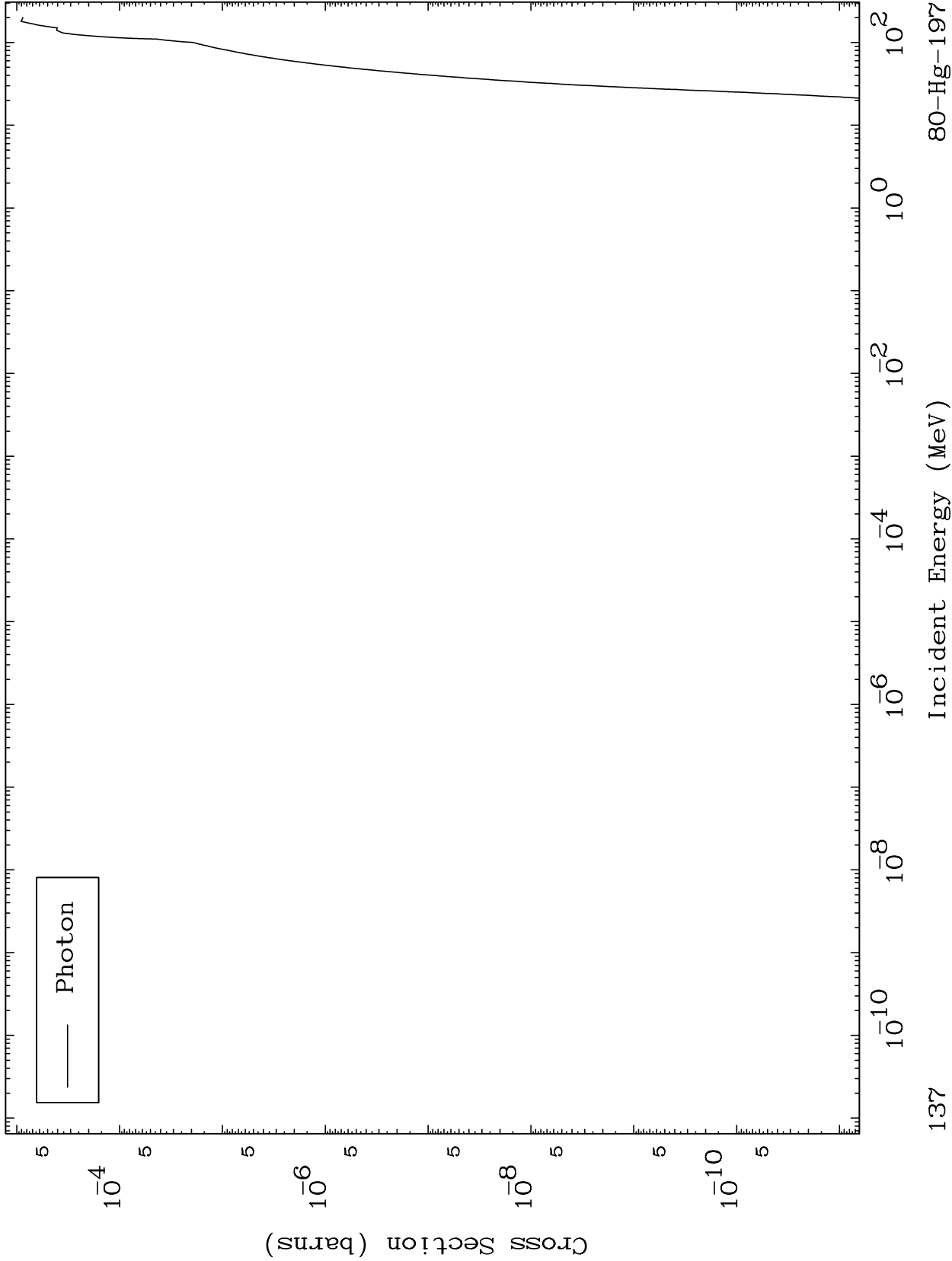
80-Hg-197

MAT 8028

Fission

80-Hg-197

Radionuclide Production Cross Section



137

Incident Energy (MeV)

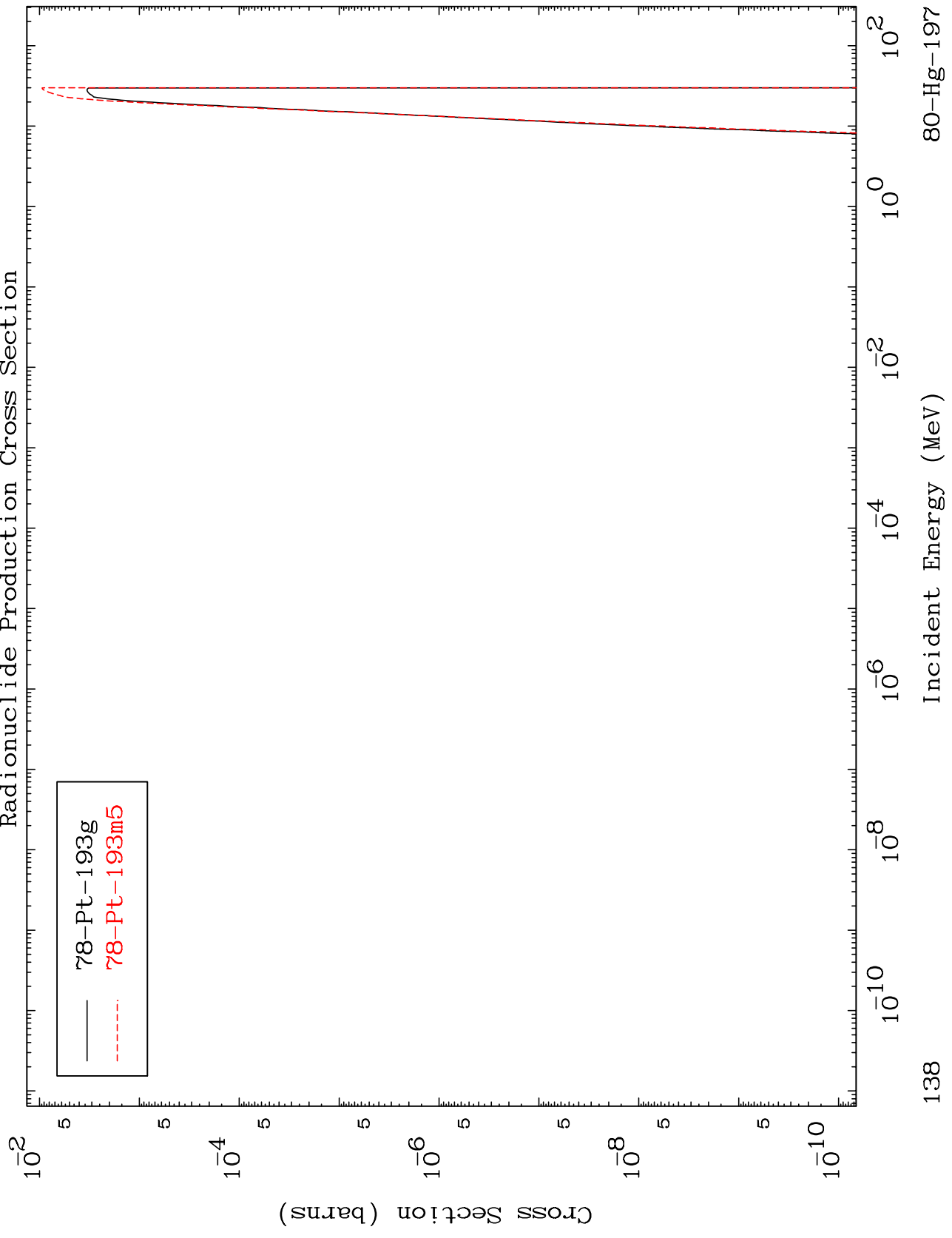
80-Hg-197

MAT 8028

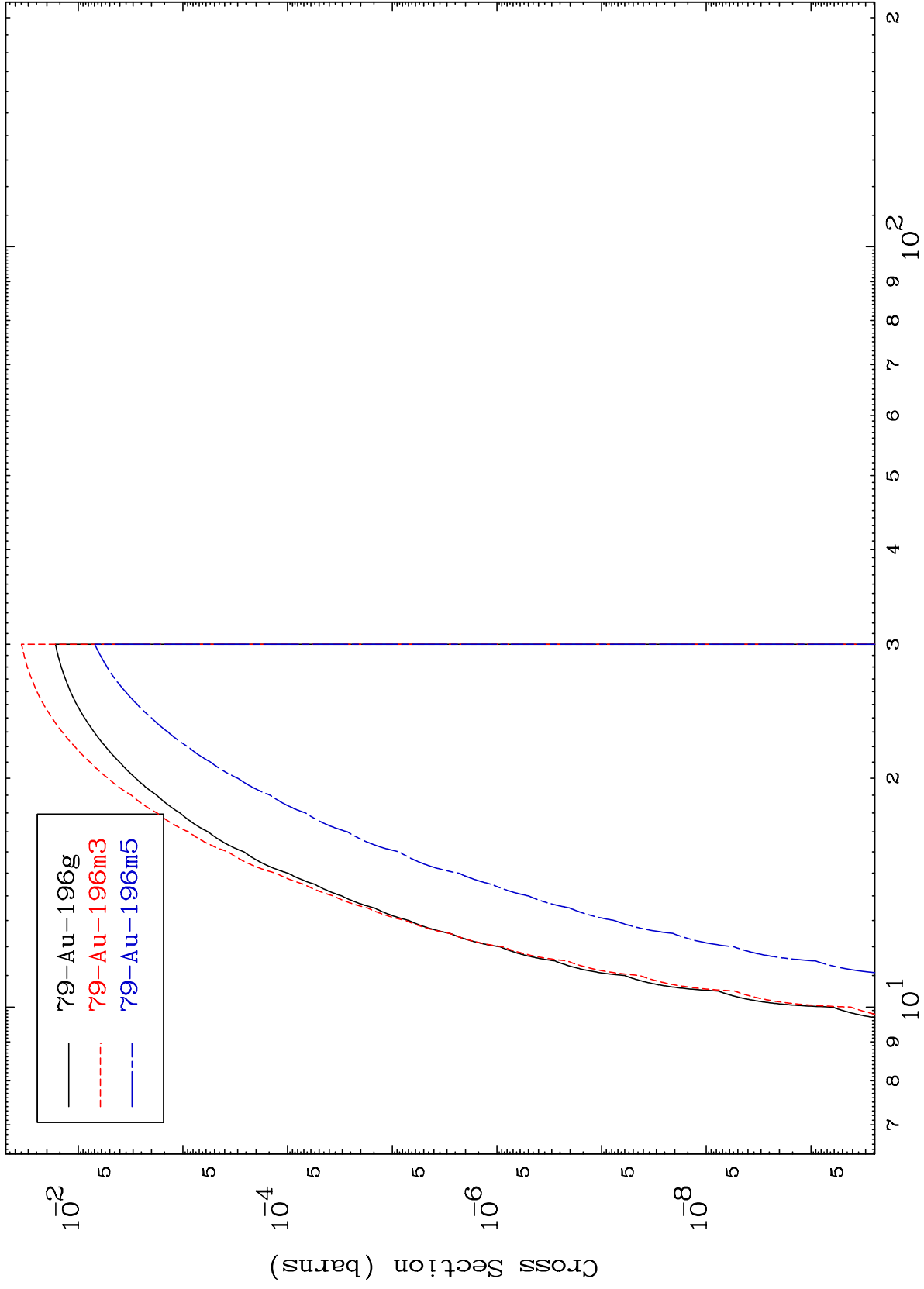
$(n, n') \alpha$

80-Hg-197

Radionuclide Production Cross Section



(n,n') p
Radionuclide Production Cross Section

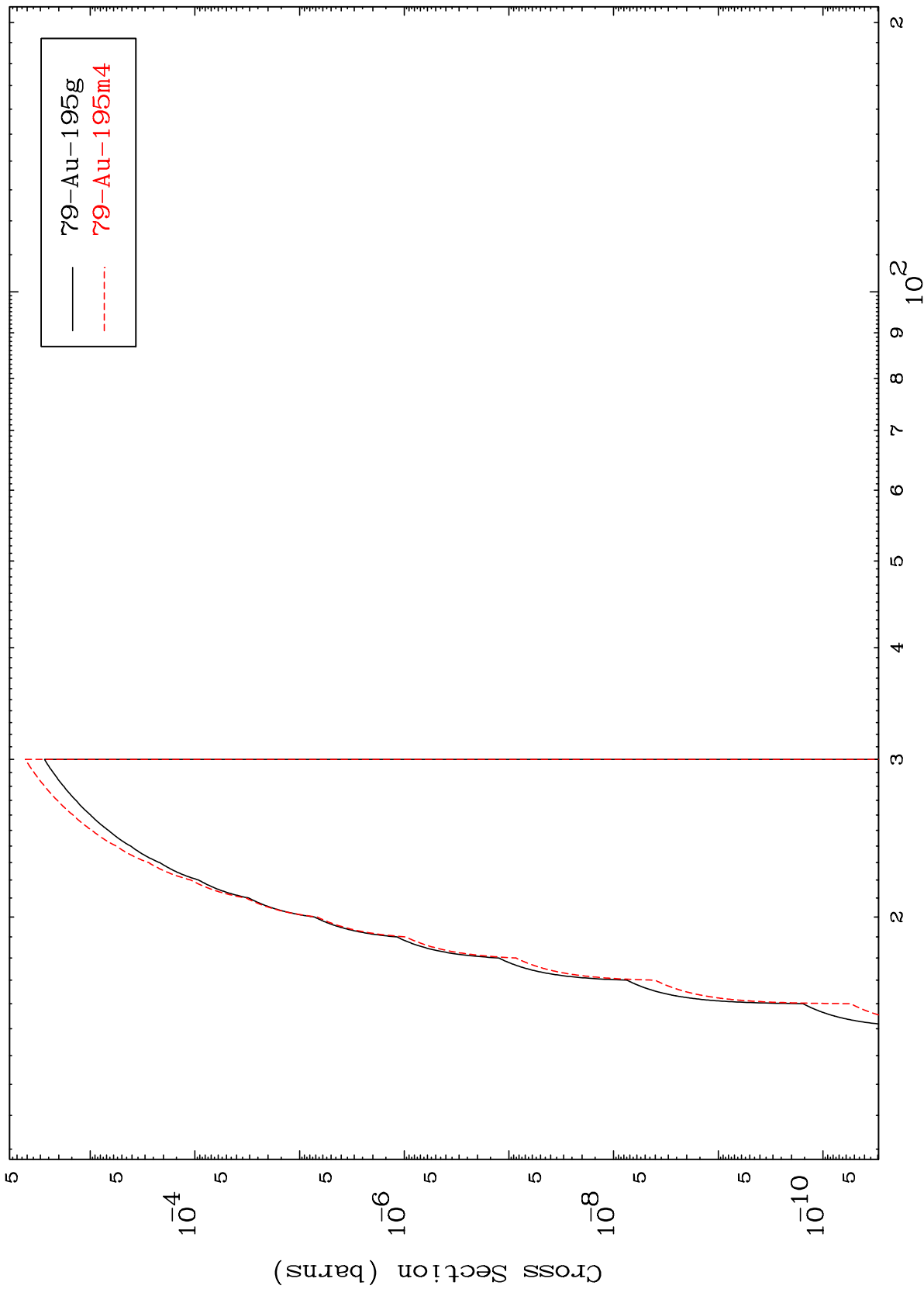


MAT 8028

(n,n') d

80-Hg-197

Radionuclide Production Cross Section



140

Incident Energy (MeV)

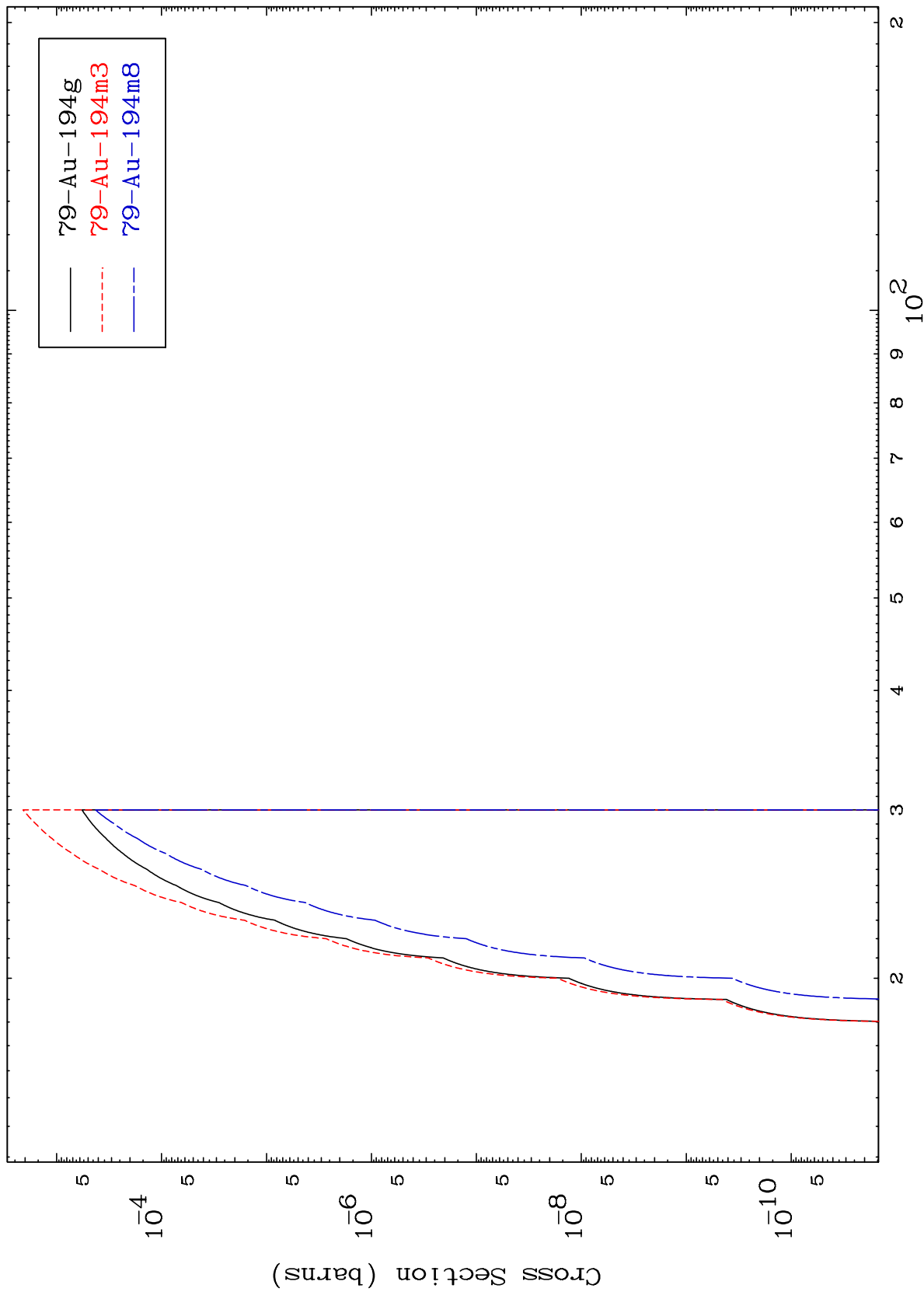
80-Hg-197

MAT 8028

(n,n') t

80-Hg-197

Radionuclide Production Cross Section



141

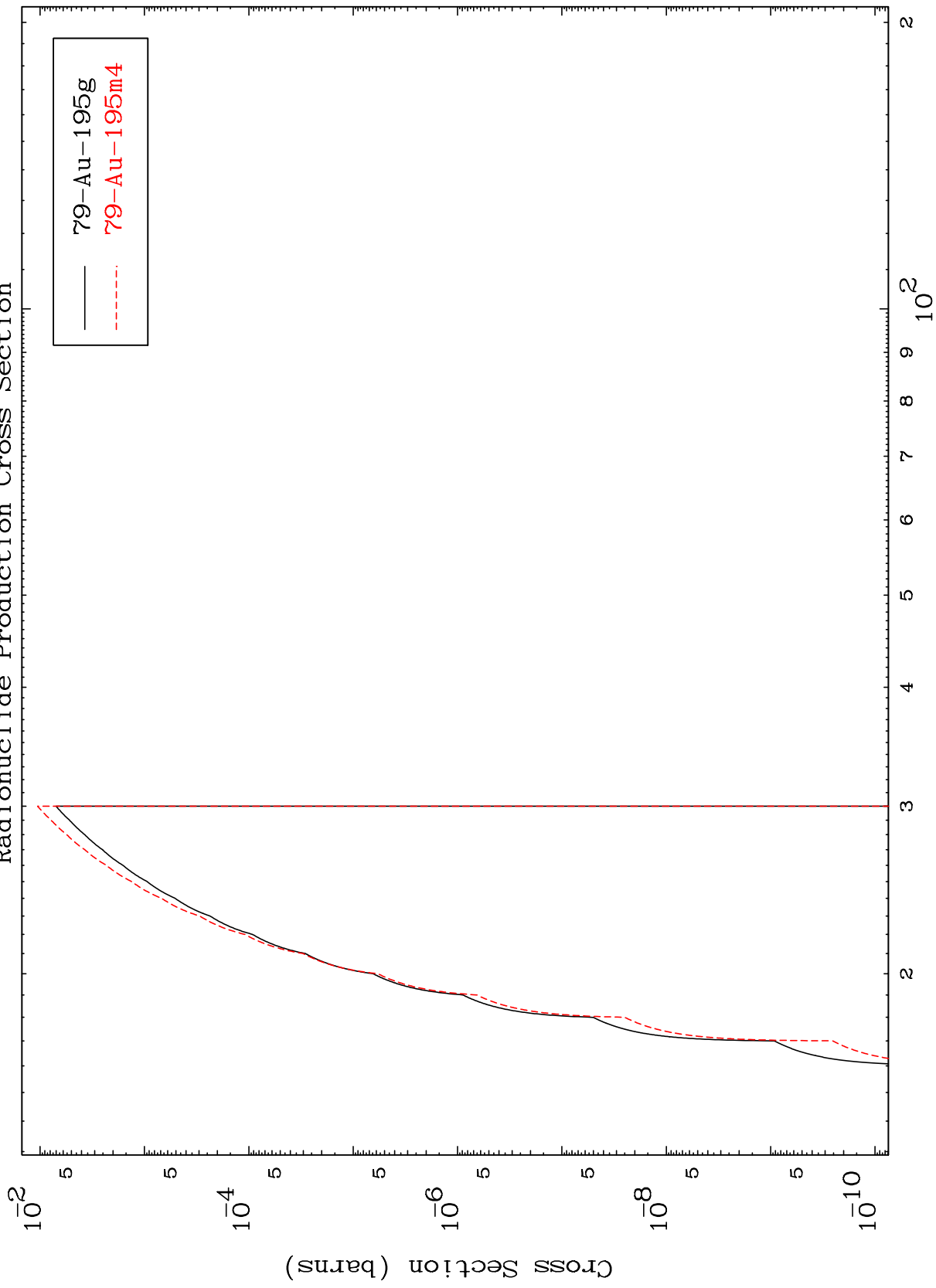
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

(n,2n) p
Radionuclide Production Cross Section

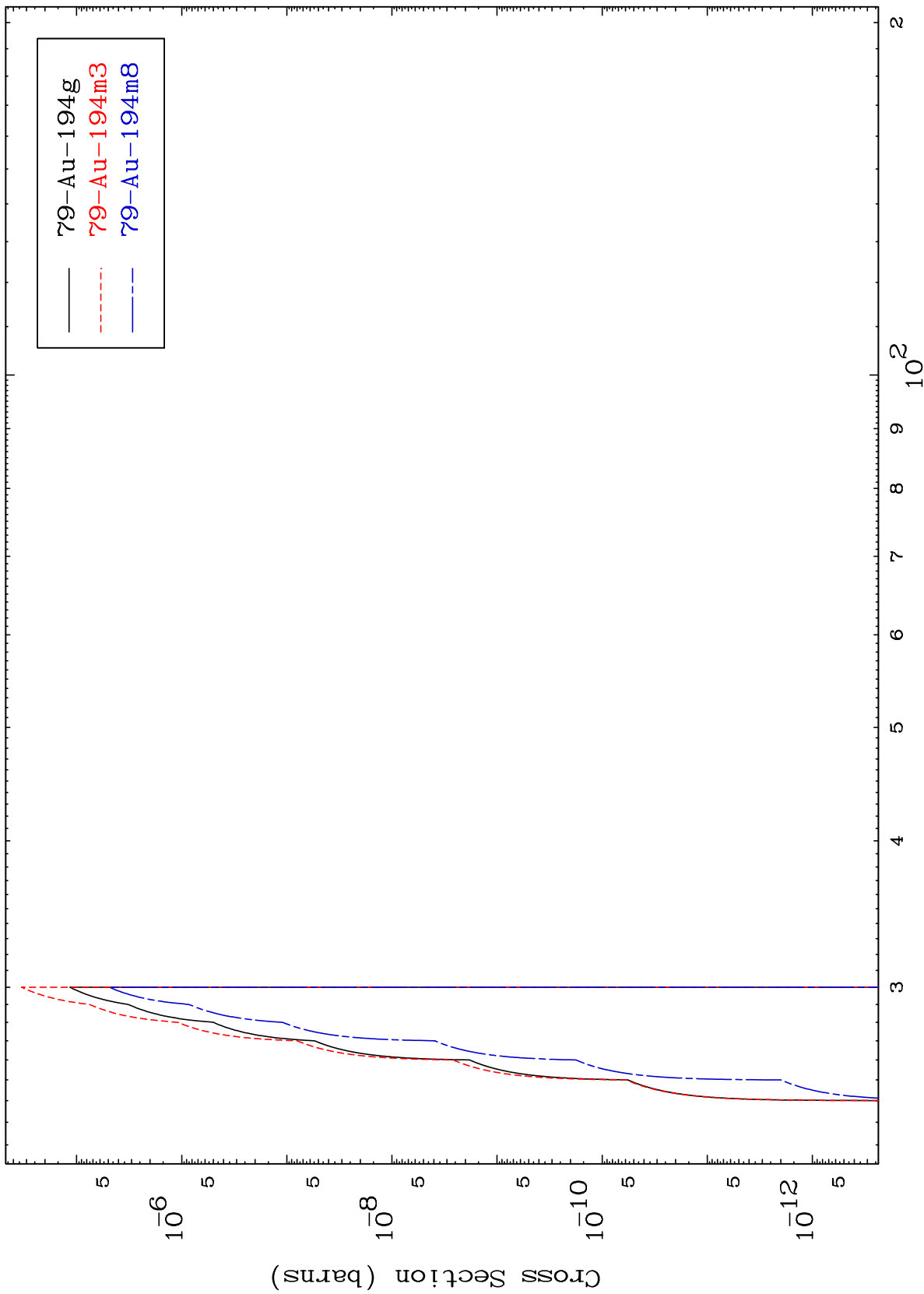


142

Incident Energy (MeV)

80-Hg-197

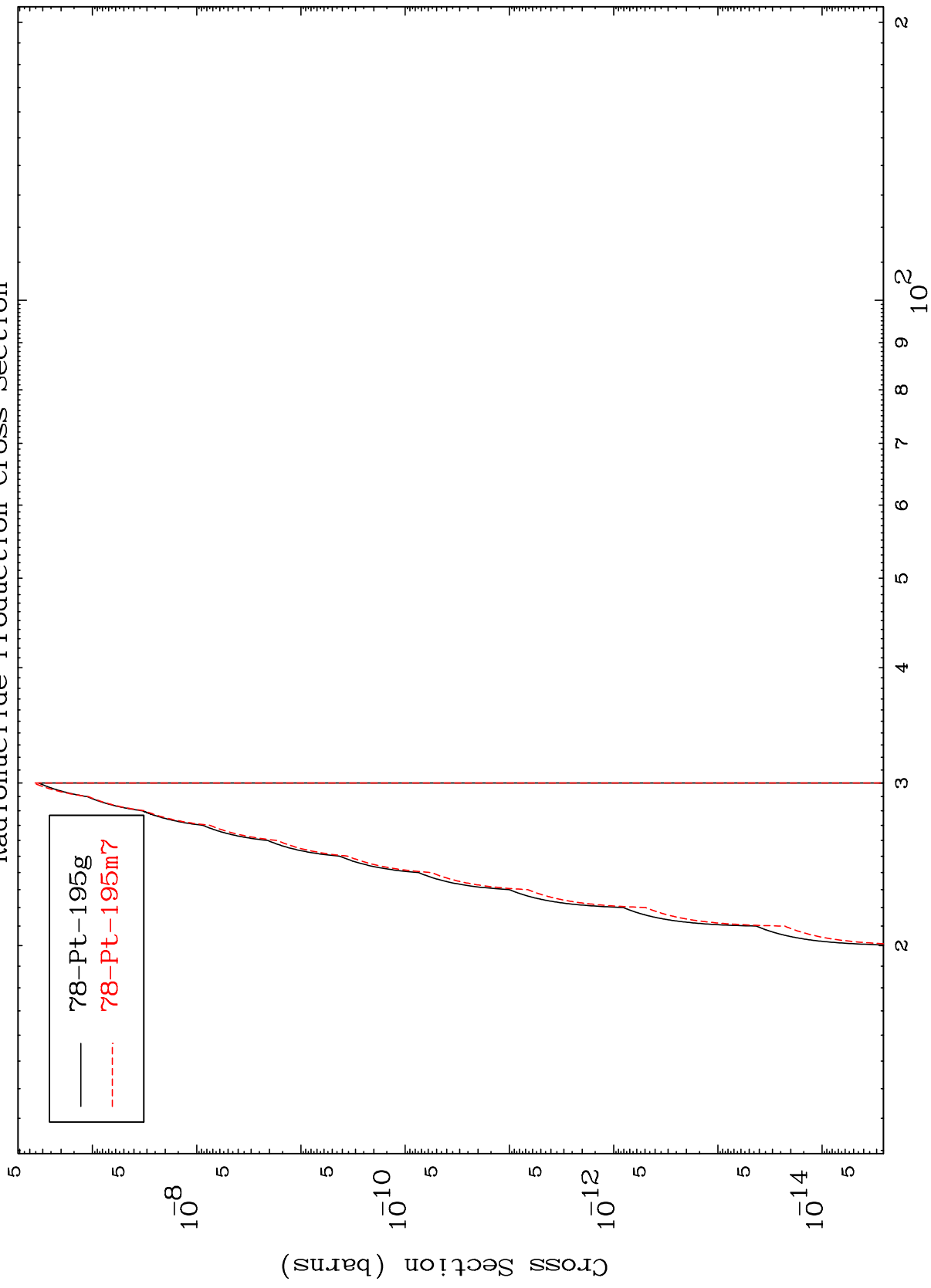
Radionuclide Production Cross Section



MAT 8028

80-Hg-197

(n,2n) p
Radionuclide Production Cross Section



144

Incident Energy (MeV)

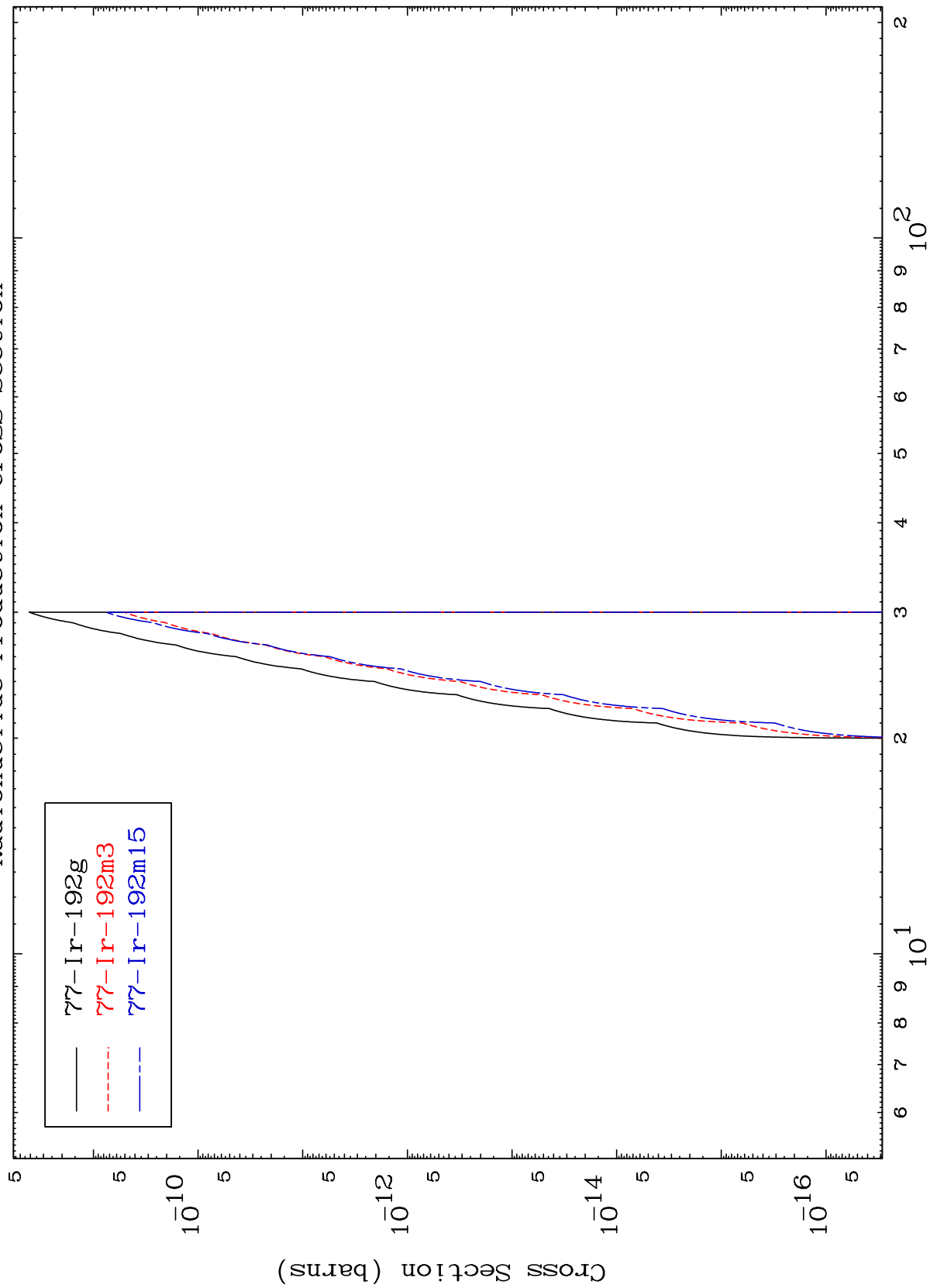
80-Hg-197

MAT 8028

(n,n') p α

80-Hg-197

Radionuclide Production Cross Section



145

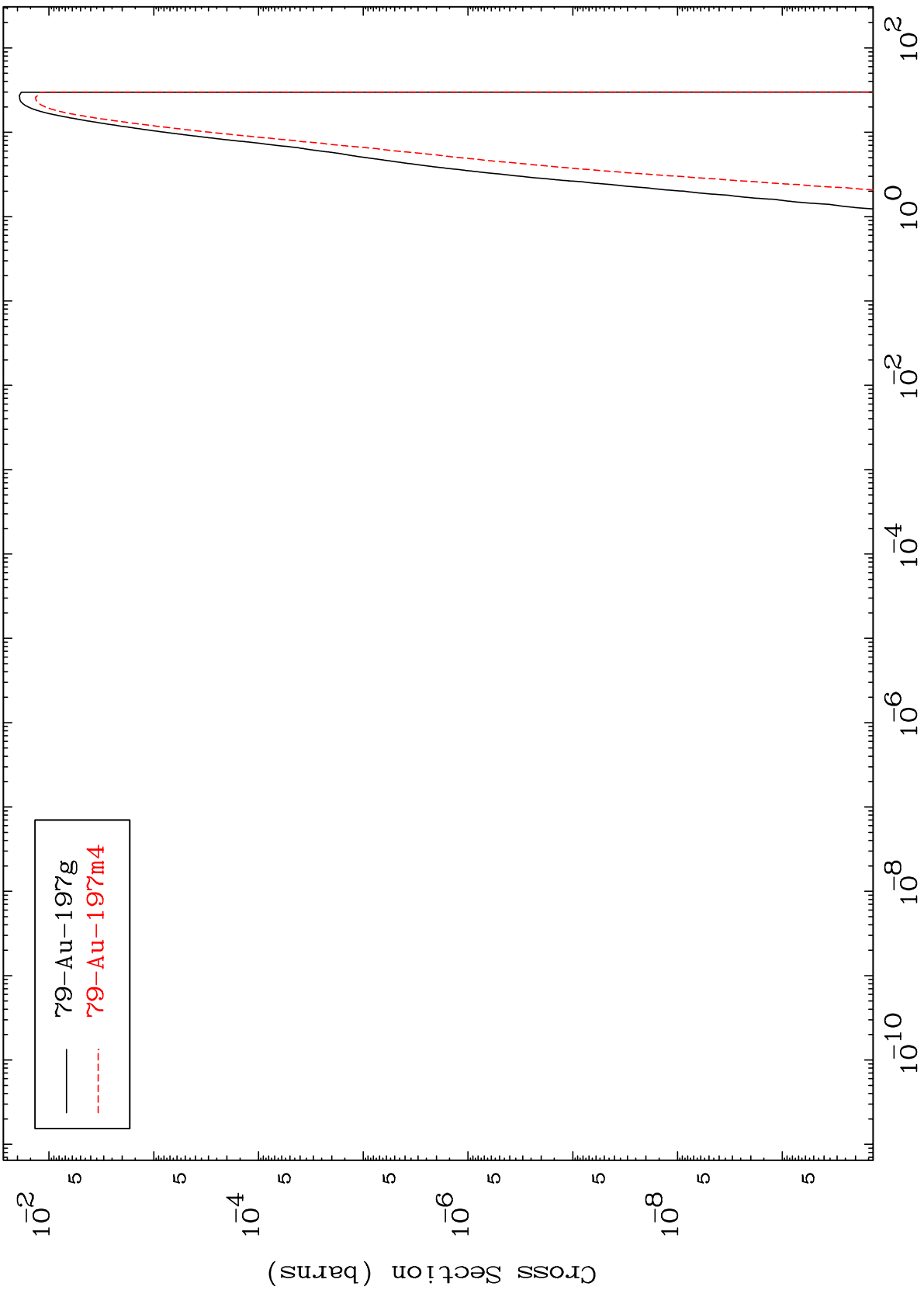
Incident Energy (MeV)

80-Hg-197

MAT 8028

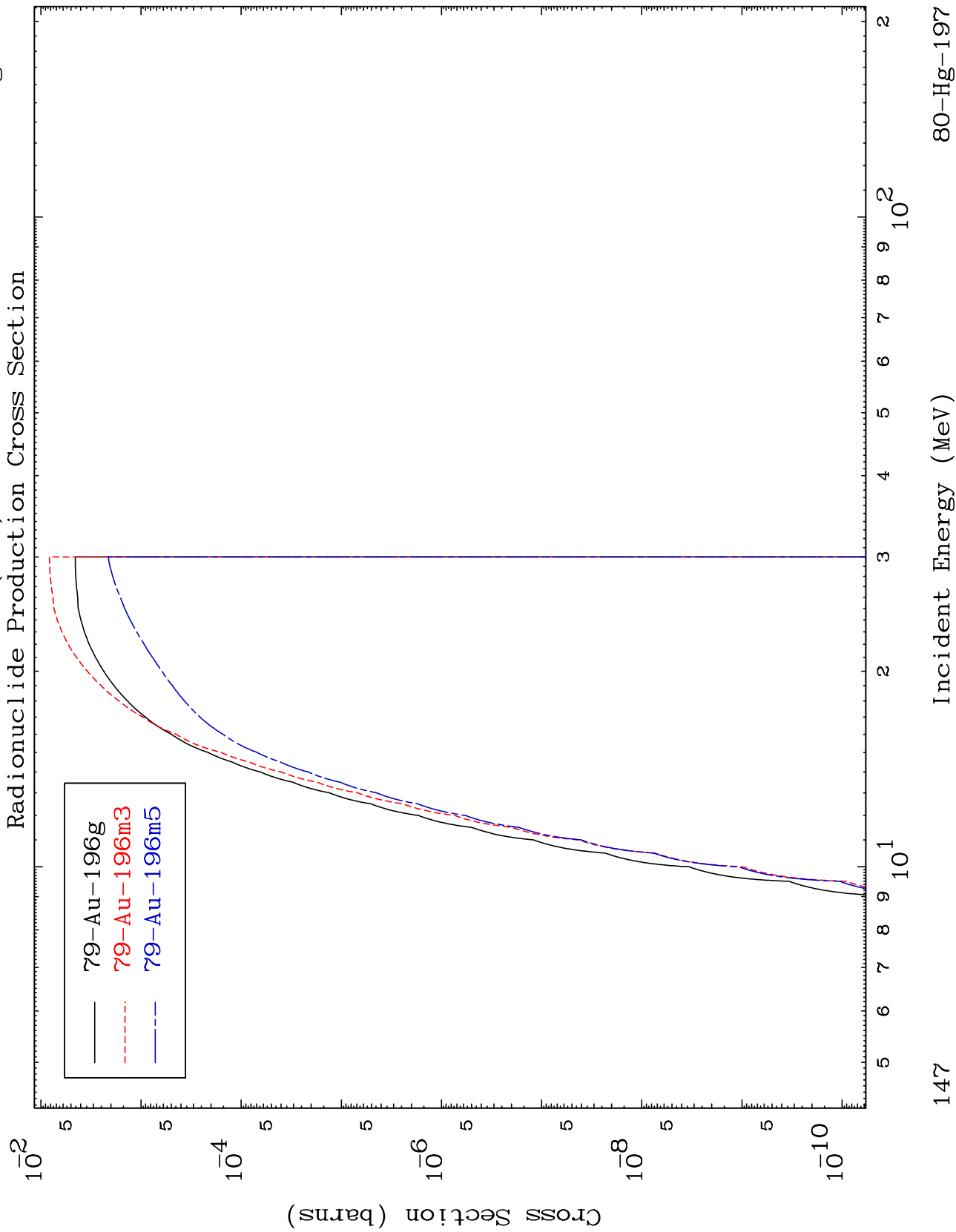
80-Hg-197

(n,p)
Radionuclide Production Cross Section



MAT 8028

80-Hg-197



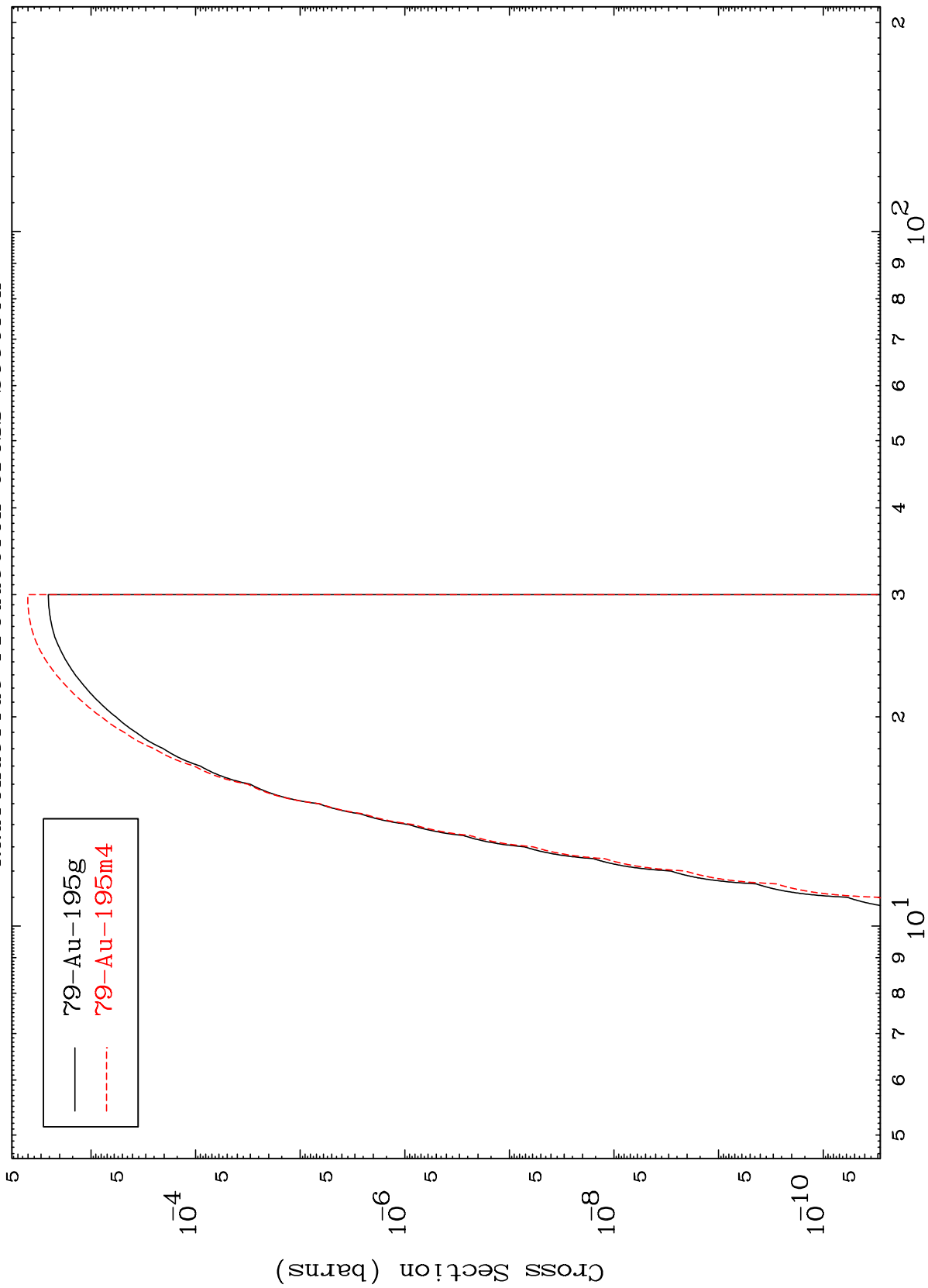
147

80-Hg-197

MAT 8028

80-Hg-197

(n, t)
Radionuclide Production Cross Section



80-Hg-197

Incident Energy (MeV)

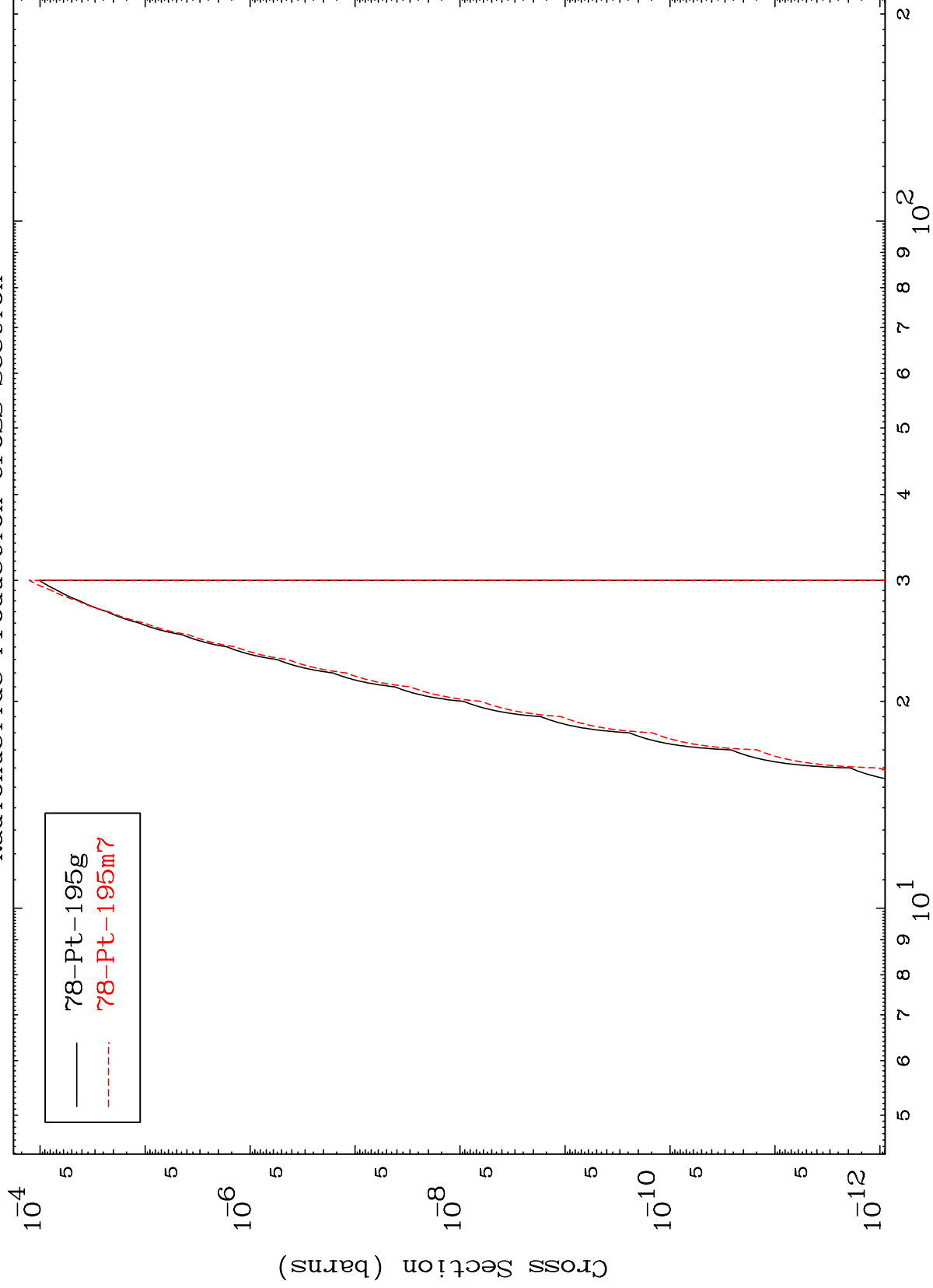
148

MAT 8028

(n,He-3)

80-Hg-197

Radionuclide Production Cross Section



78-Pt-195g
78-Pt-195m7

149

Incident Energy (MeV)

80-Hg-197

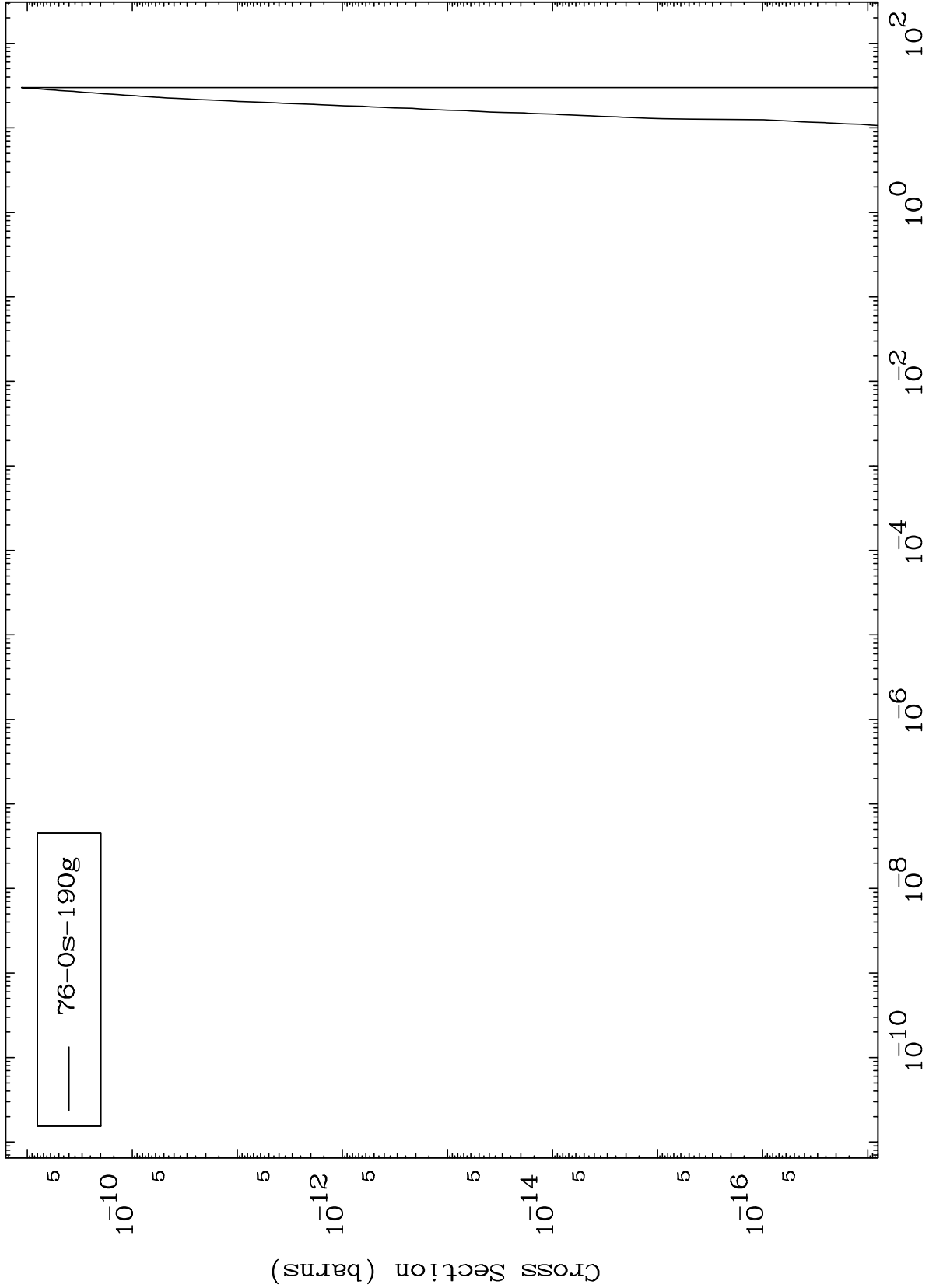
MAT 8028

(n,2α)

80-Hg-197

Radionuclide Production Cross Section

76-Os-190g



150

Incident Energy (MeV)

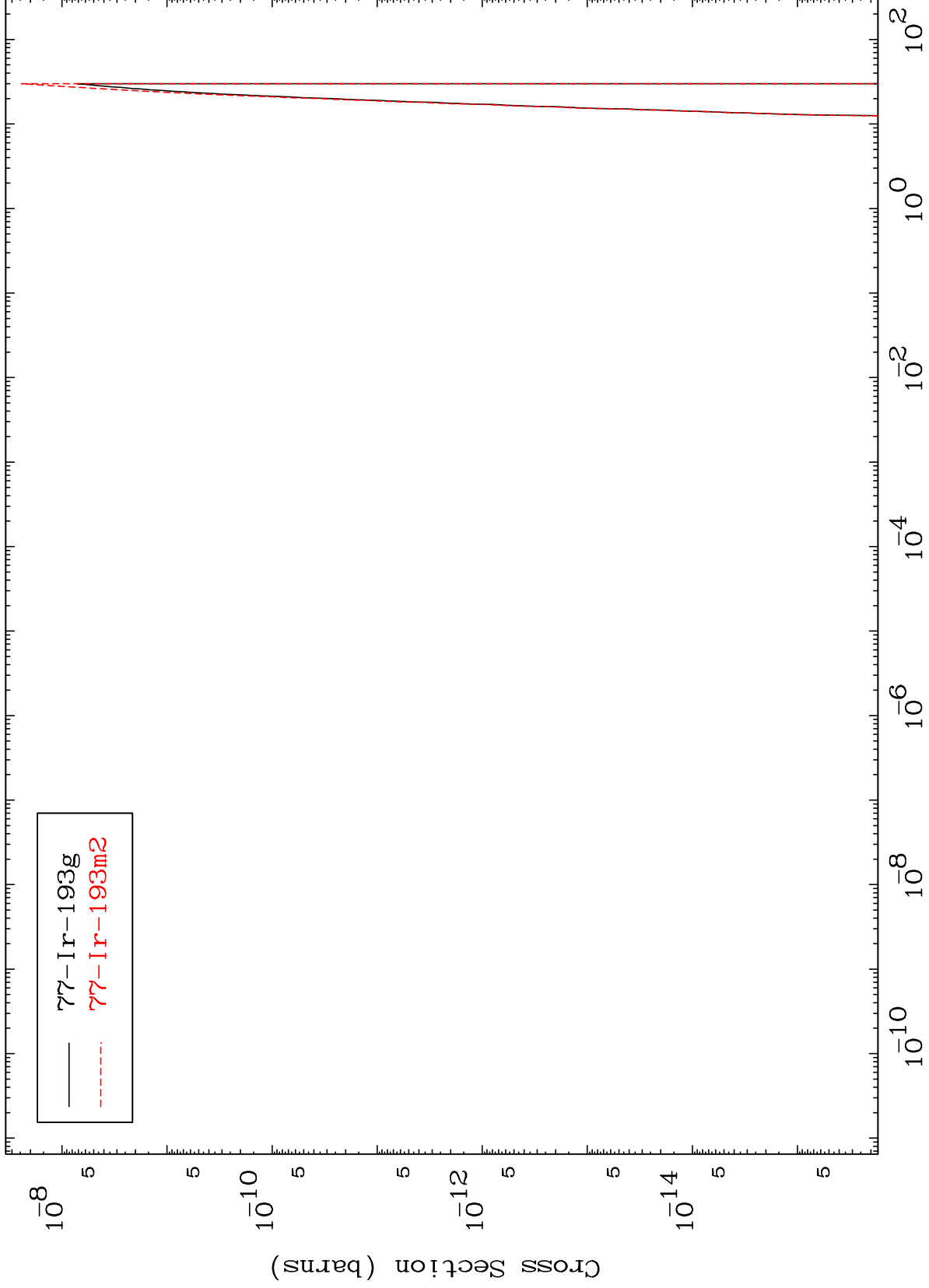
80-Hg-197

MAT 8028

(n,p) α

80-Hg-197

Radionuclide Production Cross Section

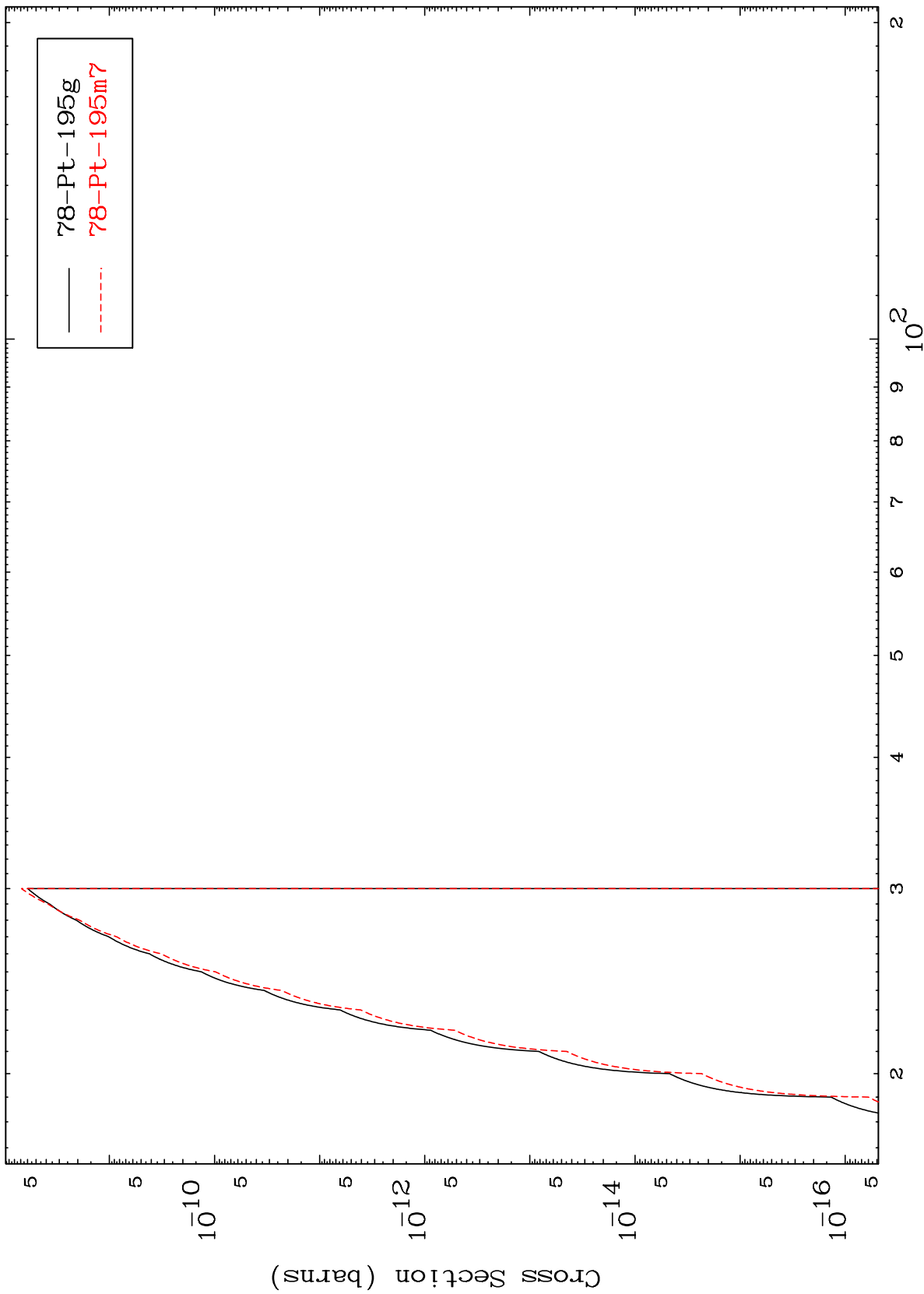


MAT 8028

(n,p) d

80-Hg-197

Radionuclide Production Cross Section



152

Incident Energy (MeV)

80-Hg-197