

Program EVALPLOT
(Version 2017-1)

by

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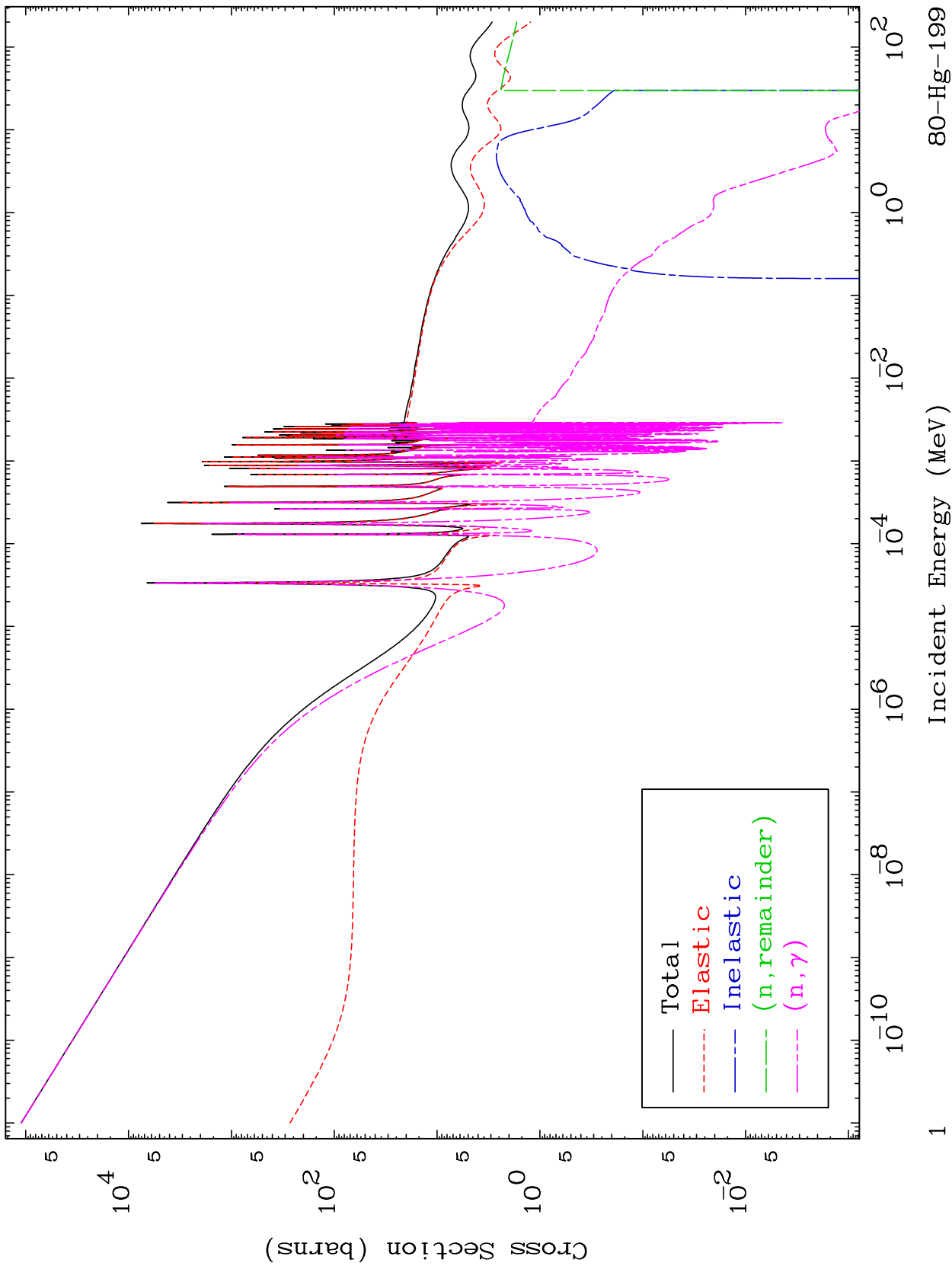
Press Mouse Button to Start

MAT 8034

Major

293 Kelvin Cross Sections

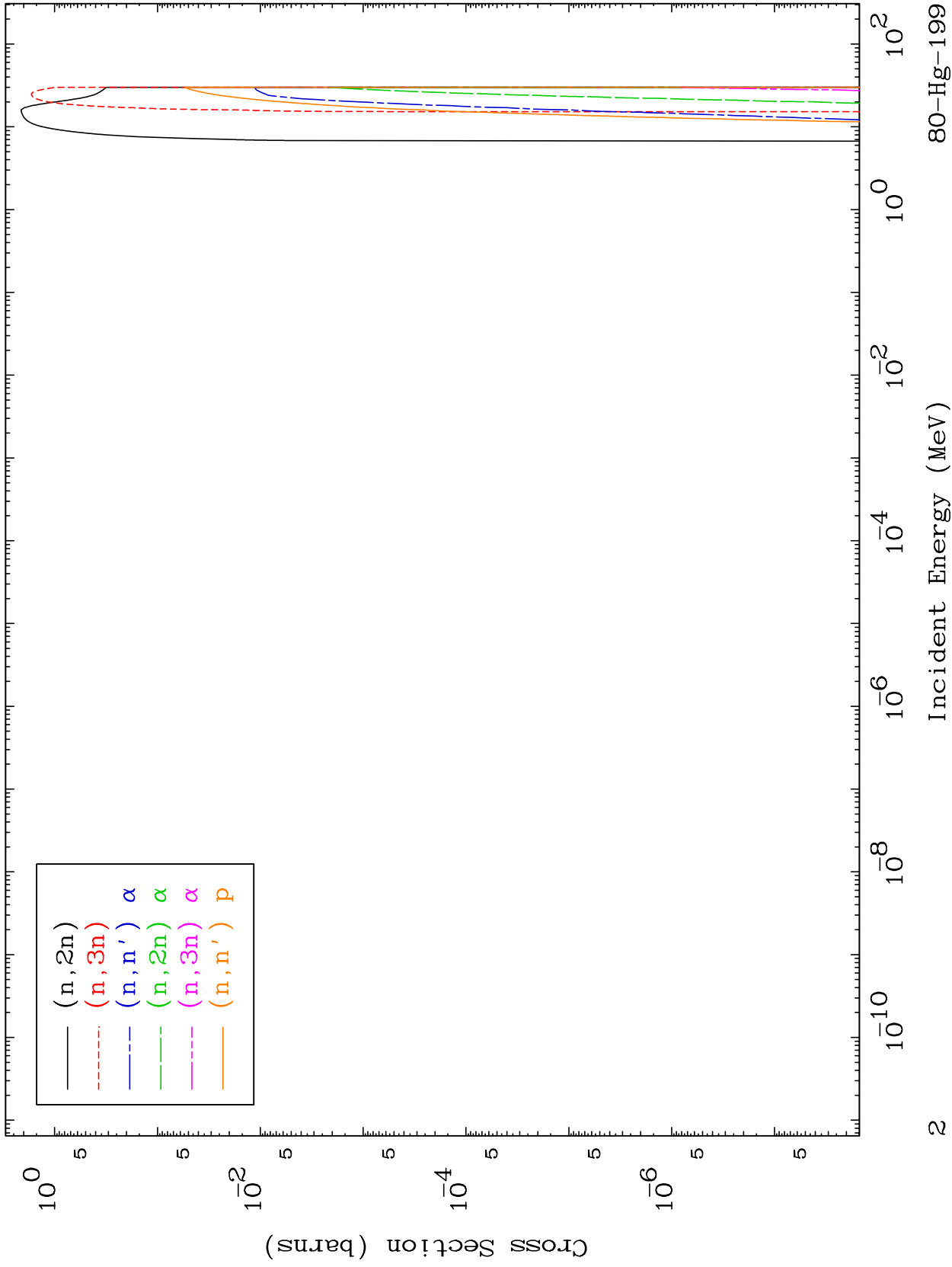
80-Hg-199

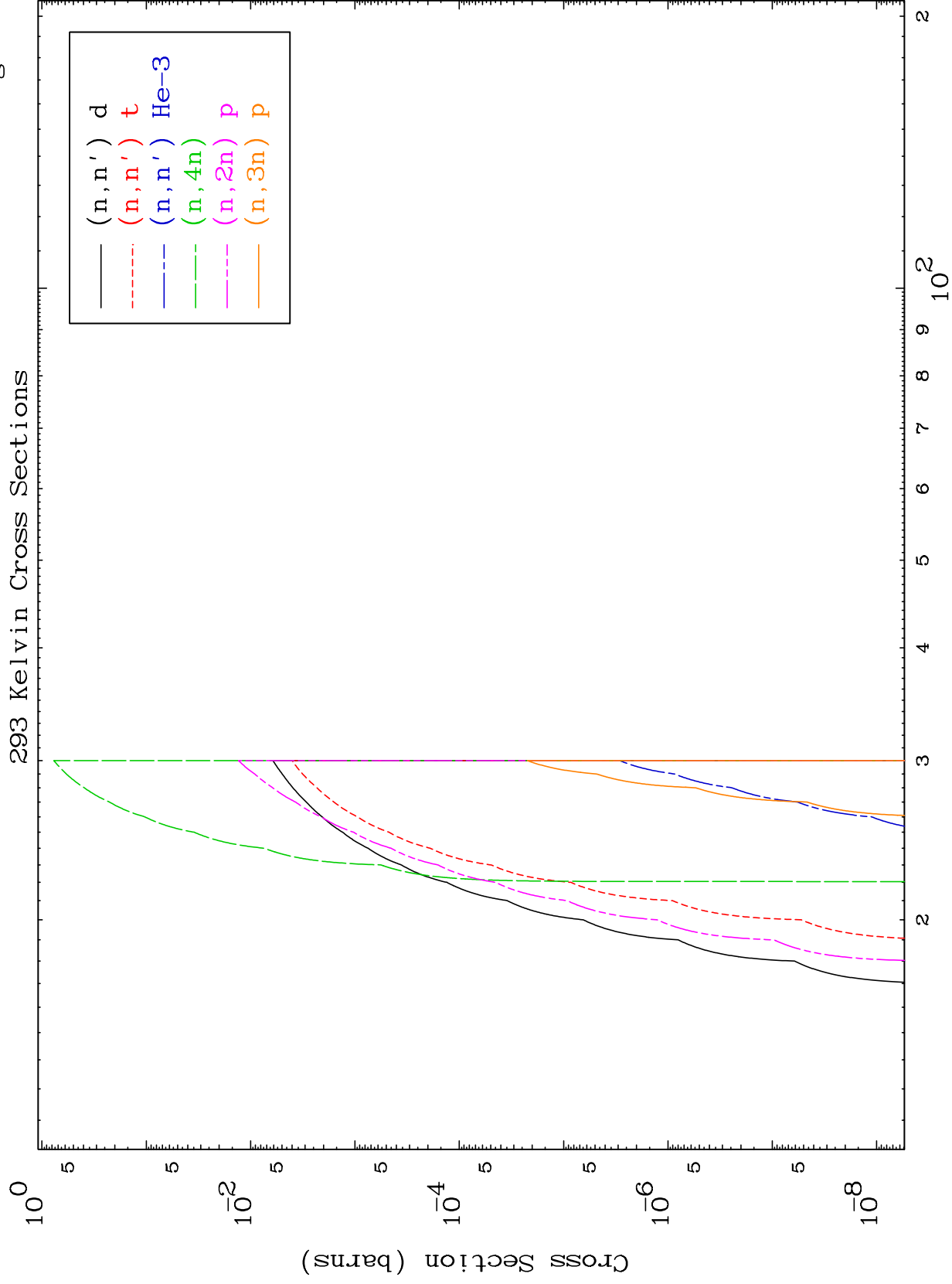


MAT 8034

Neutron Production
293 Kelvin Cross Sections

80-Hg-199

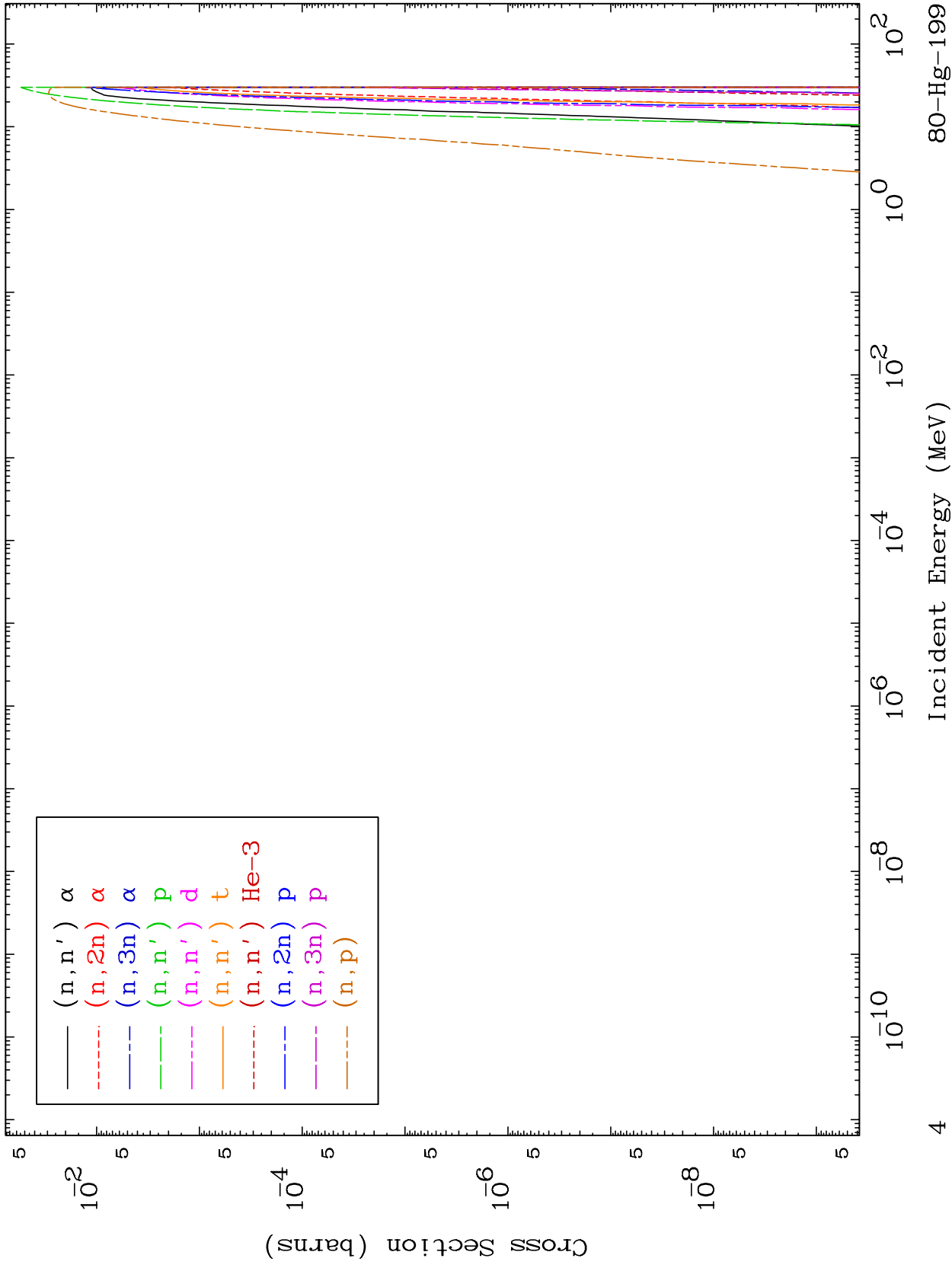




MAT 8034

Charged Particle
293 Kelvin Cross Sections

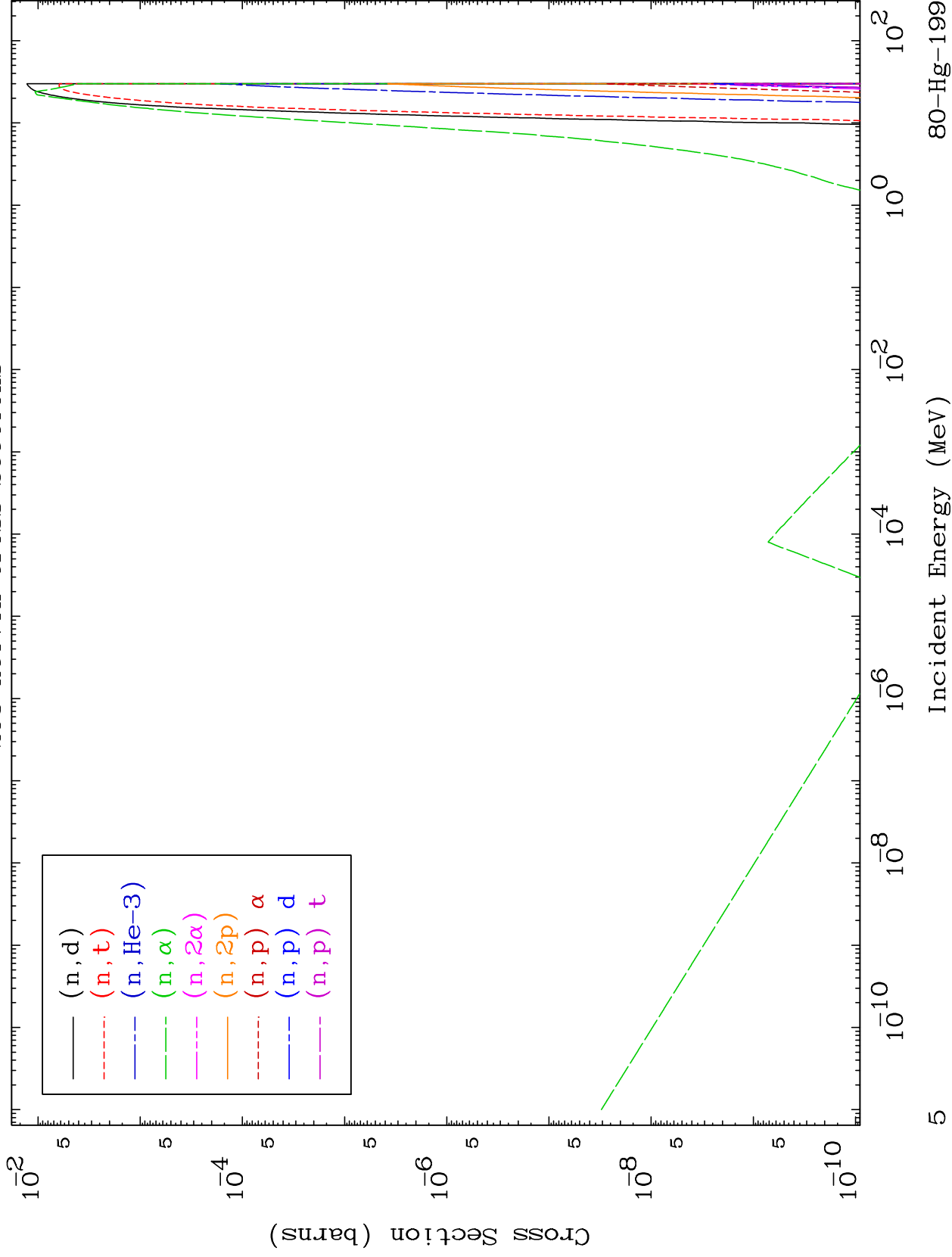
80-Hg-199



MAT 8034

Charged Particle
293 Kelvin Cross Sections

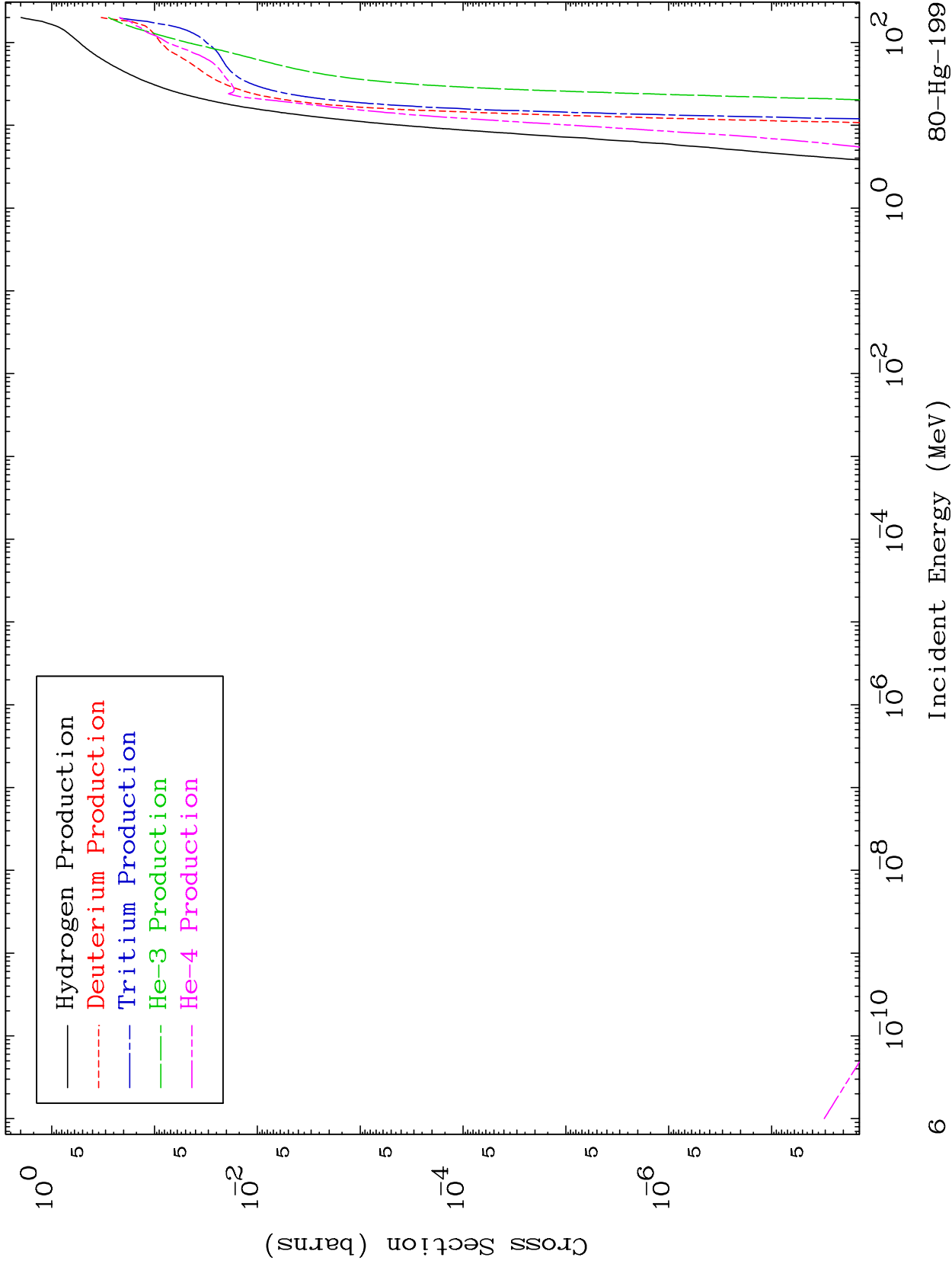
80-Hg-199



MAT 8034

Particle Production
293 Kelvin Cross Sections

80-Hg-199

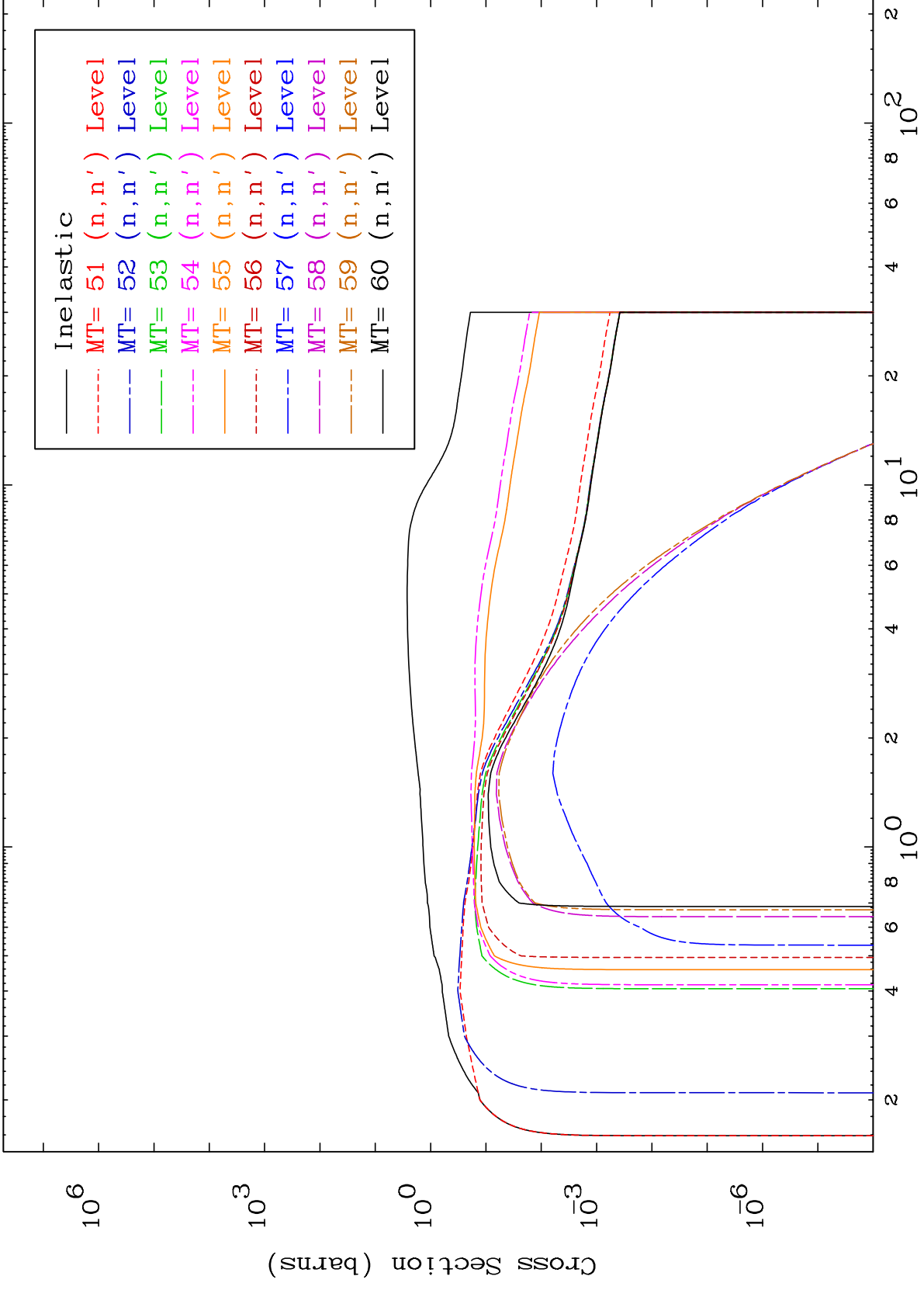


MAT 8034

(n,n') Level

80-Hg-199

293 Kelvin Cross Sections

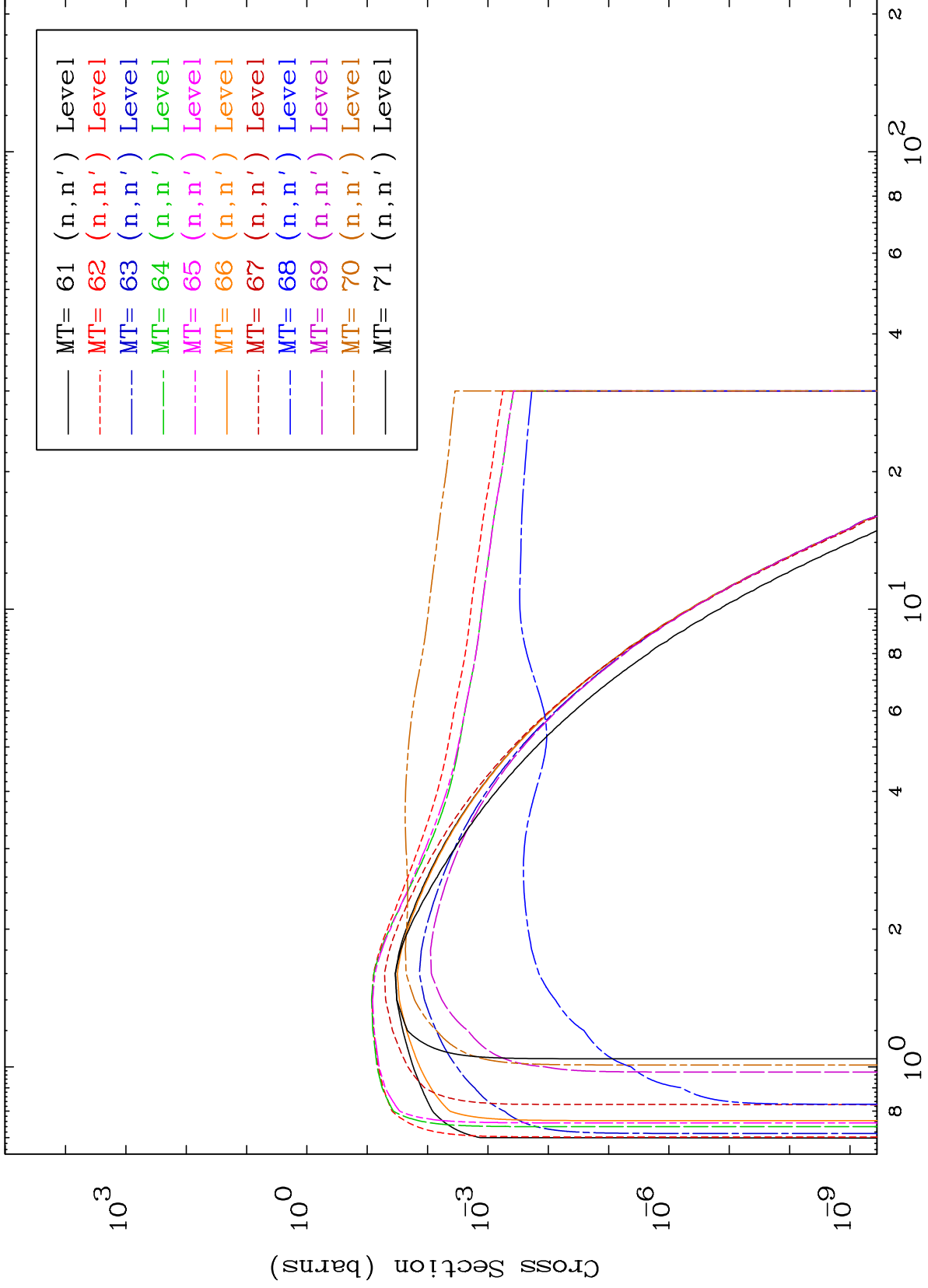


MAT 8034

(n,n') Level

80-Hg-199

293 Kelvin Cross Sections

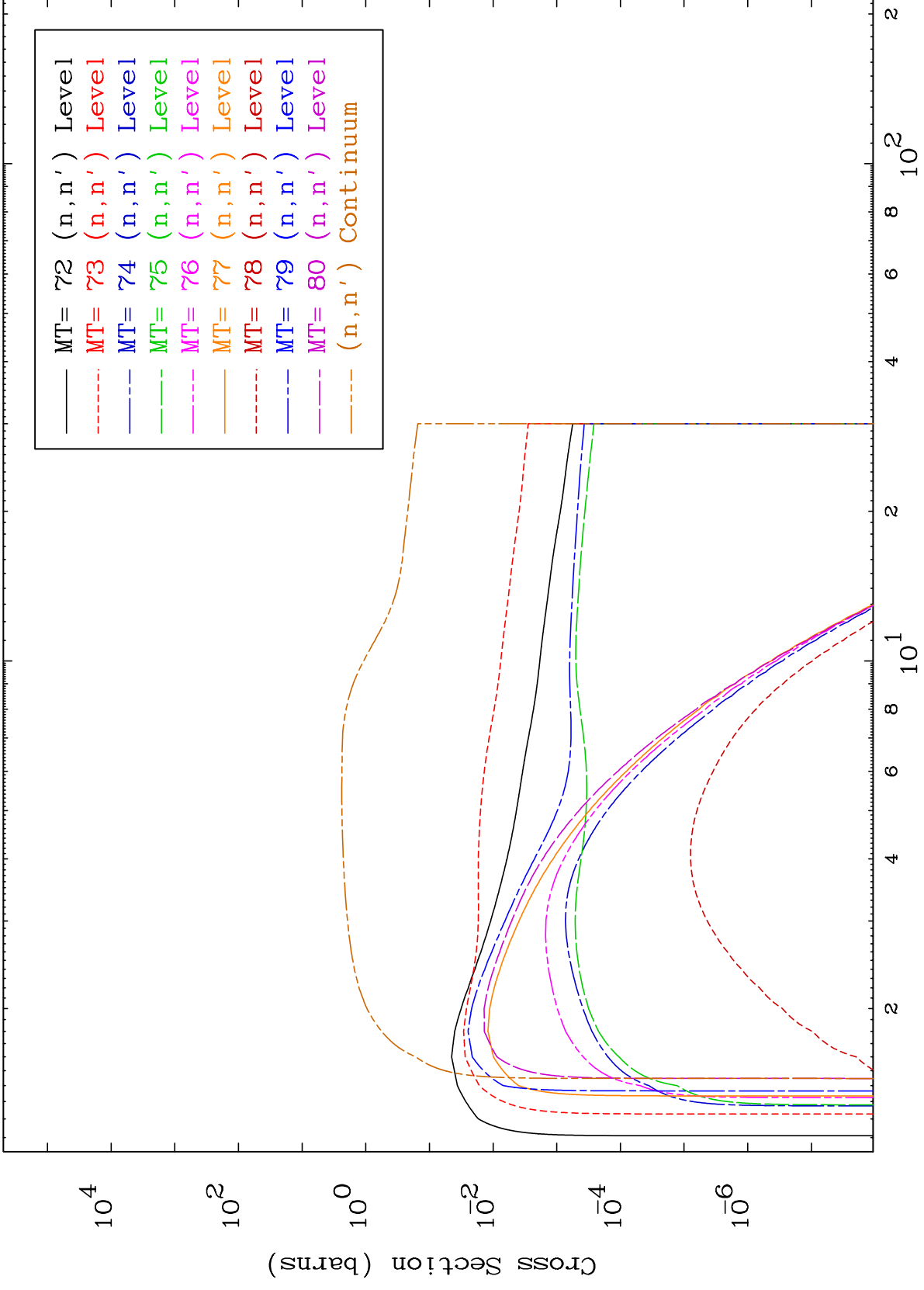


8

Incident Energy (MeV)

80-Hg-199

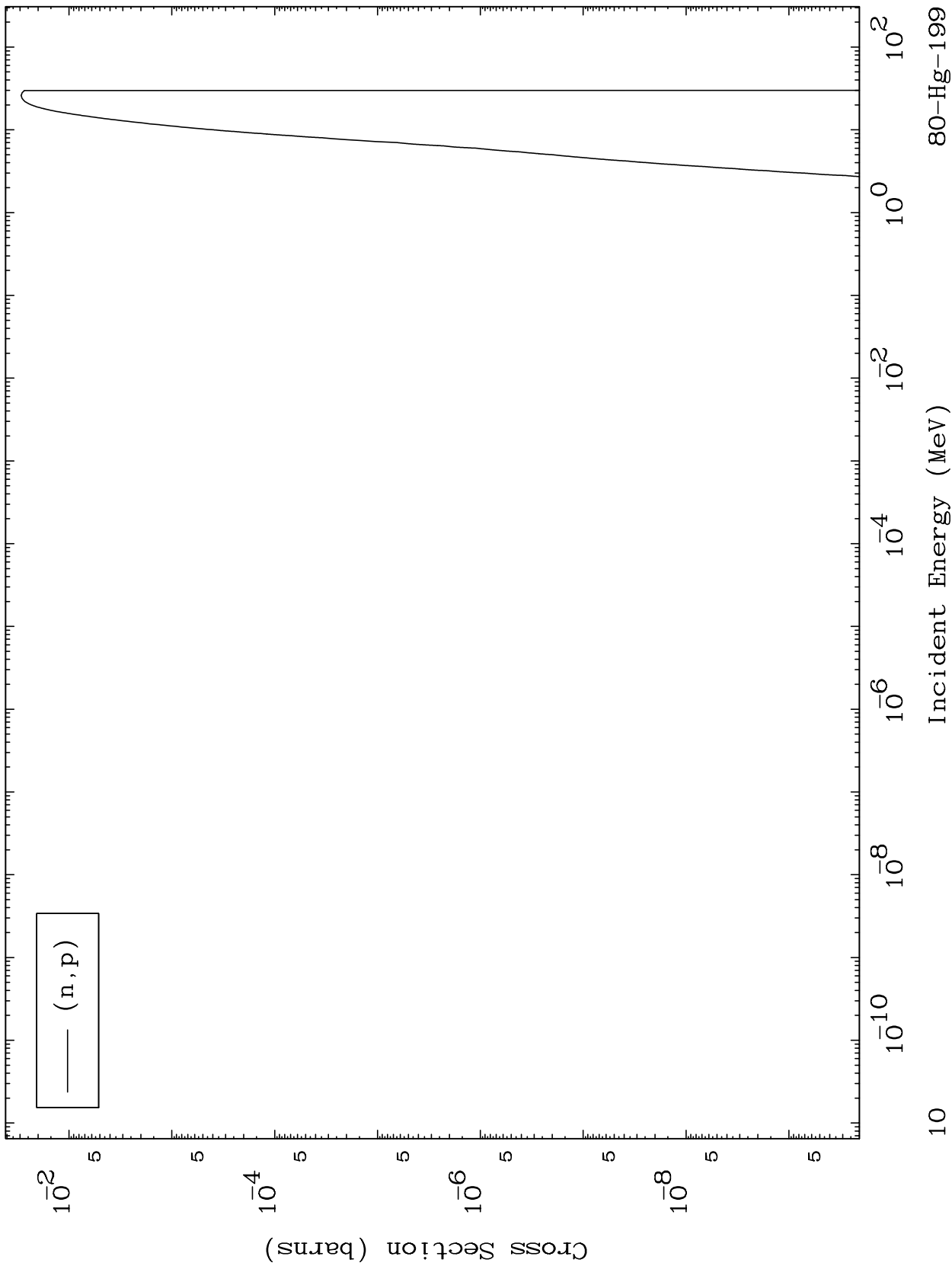
293 Kelvin Cross Sections



MAT 8034

(n,p) Levels
293 Kelvin Cross Sections

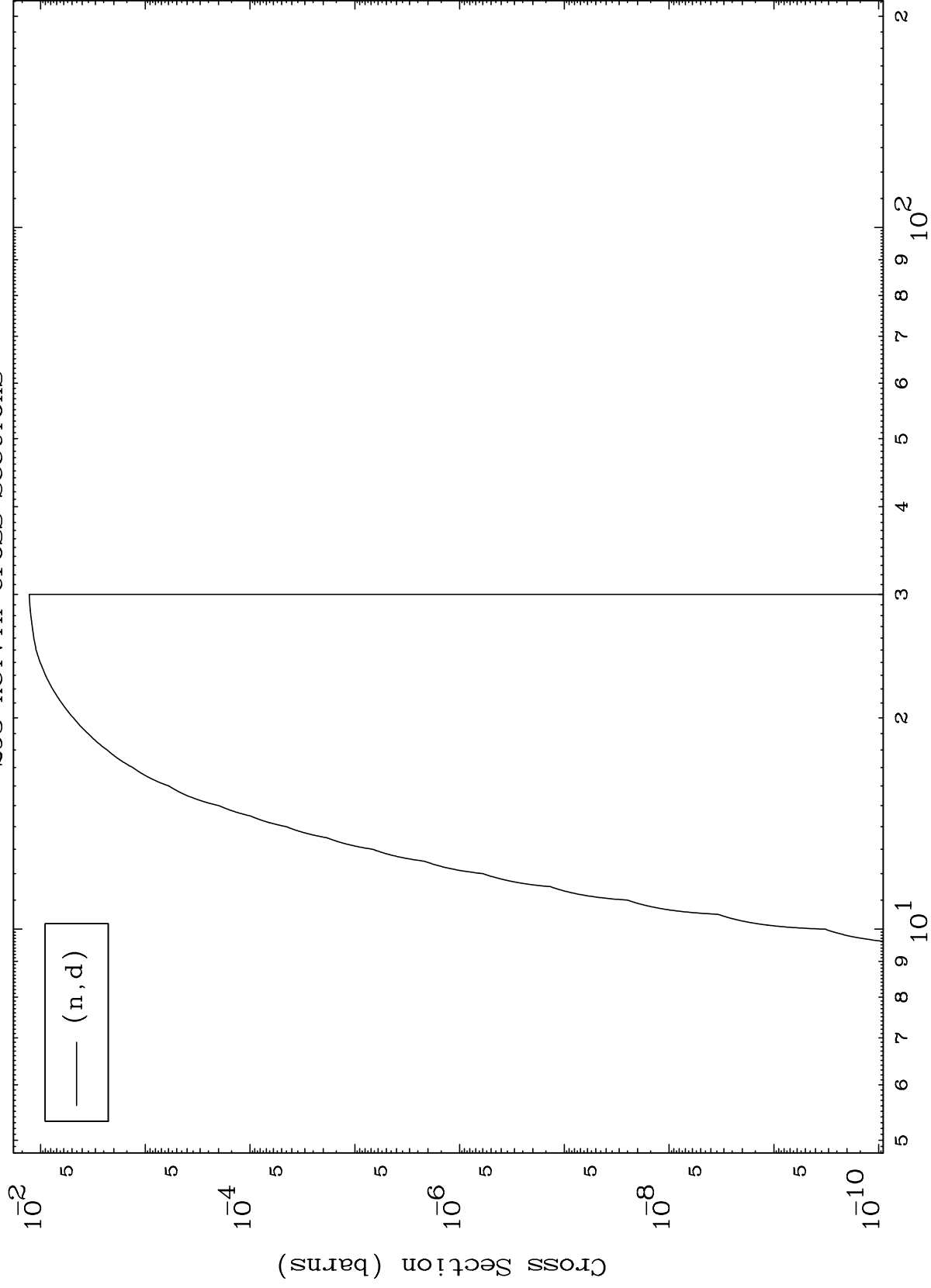
80-Hg-199



MAT 8034

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-199



11

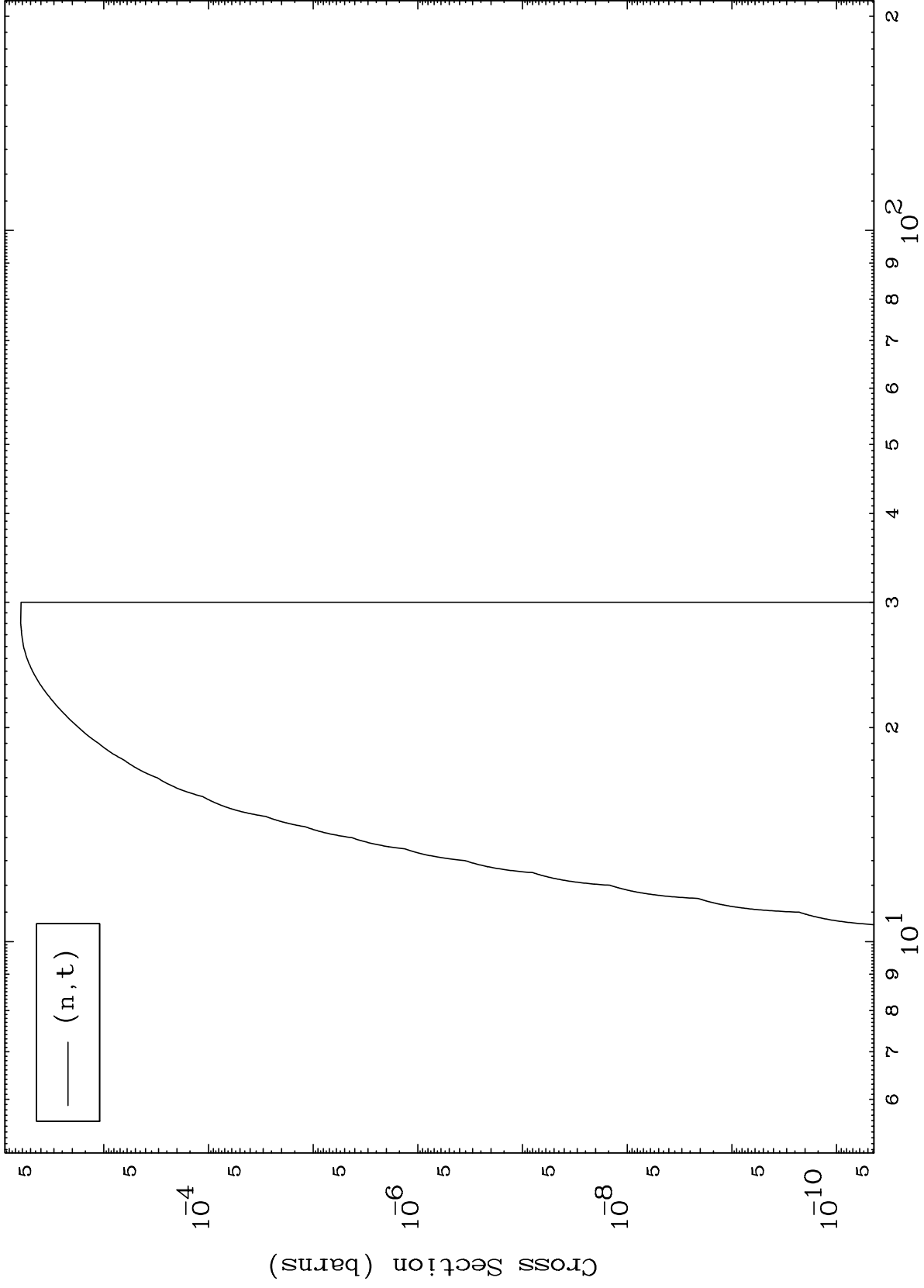
Incident Energy (MeV)

80-Hg-199

MAT 8034

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-199



12

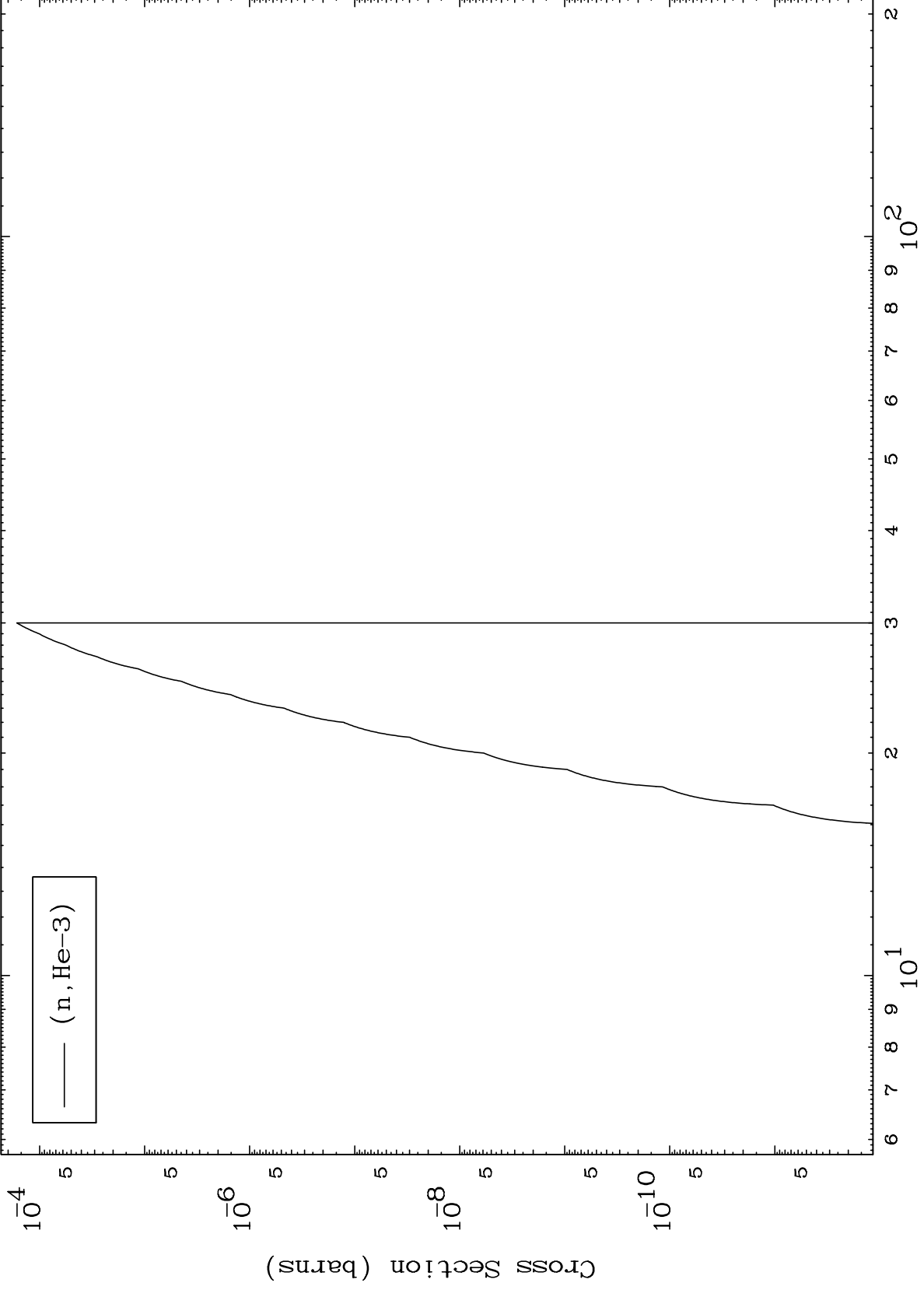
Incident Energy (MeV)

80-Hg-199

MAT 8034

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-199



13

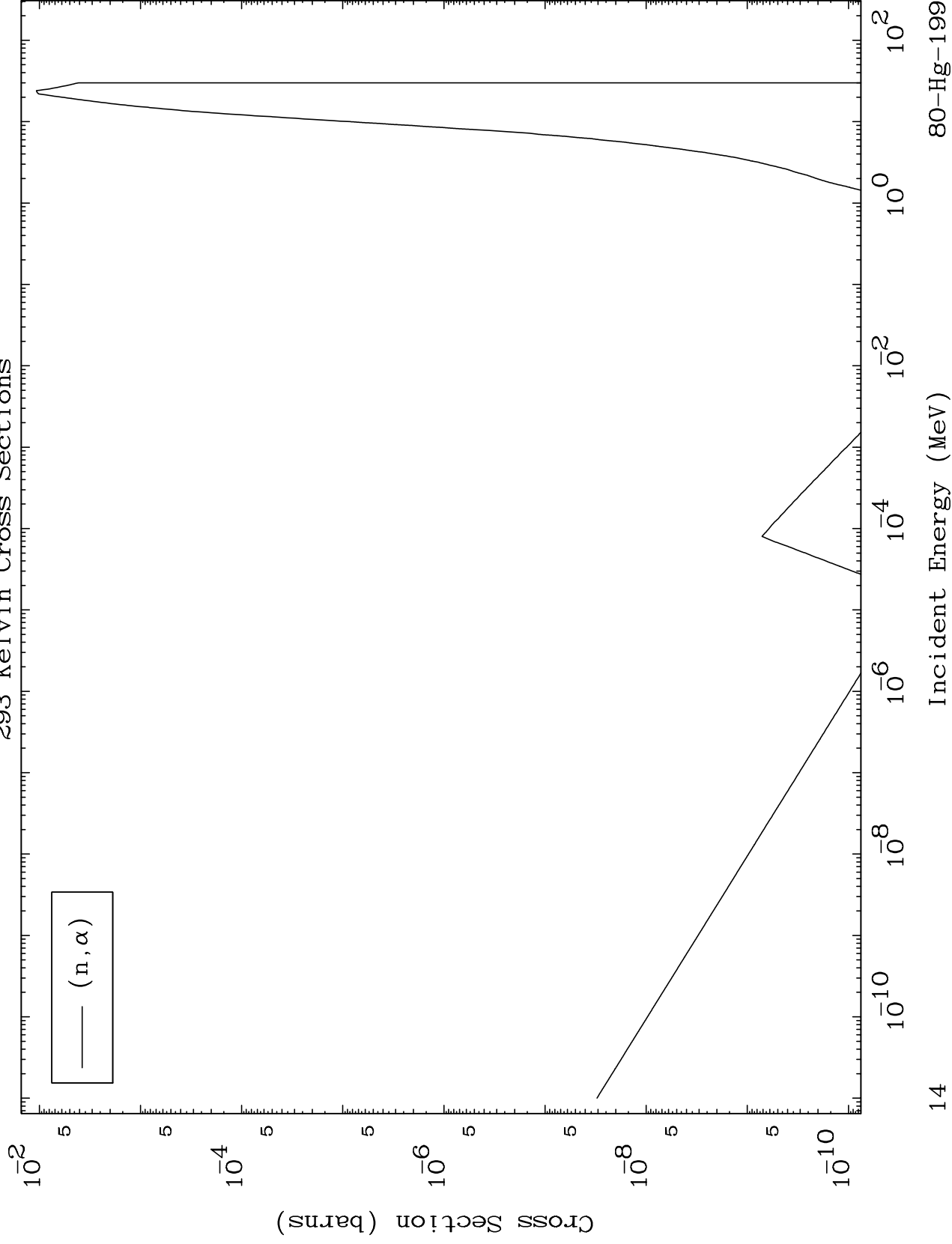
Incident Energy (MeV)

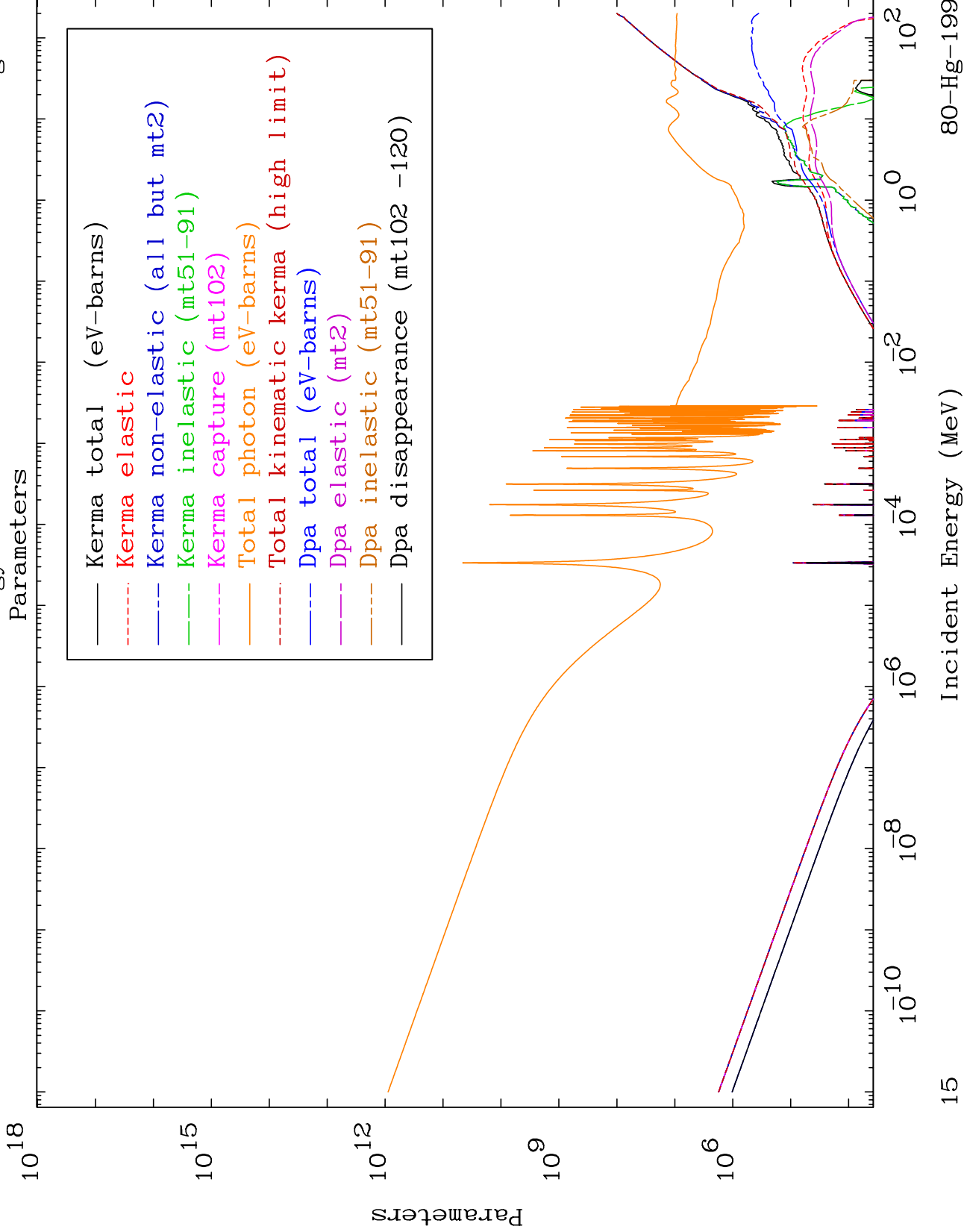
80-Hg-199

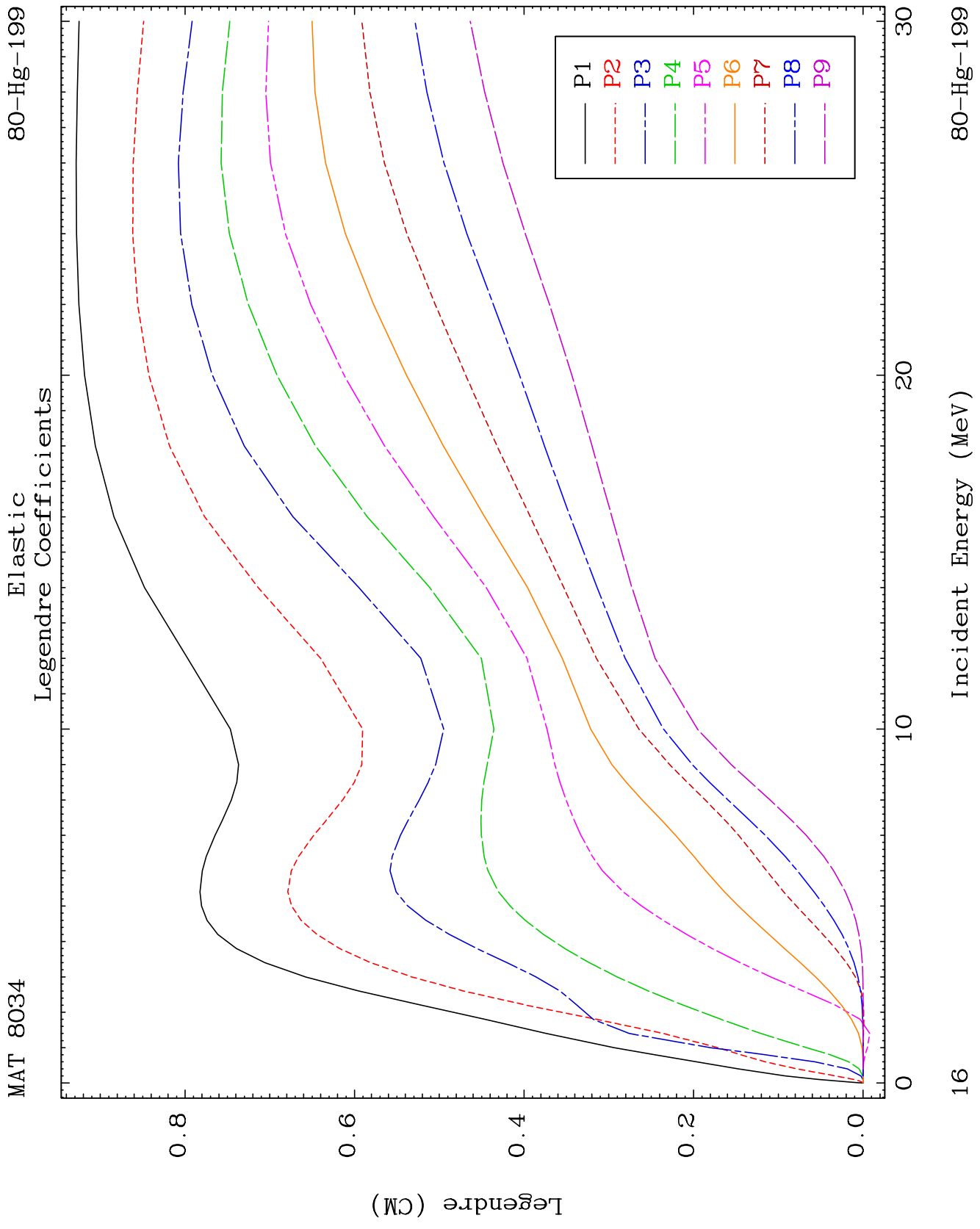
MAT 8034

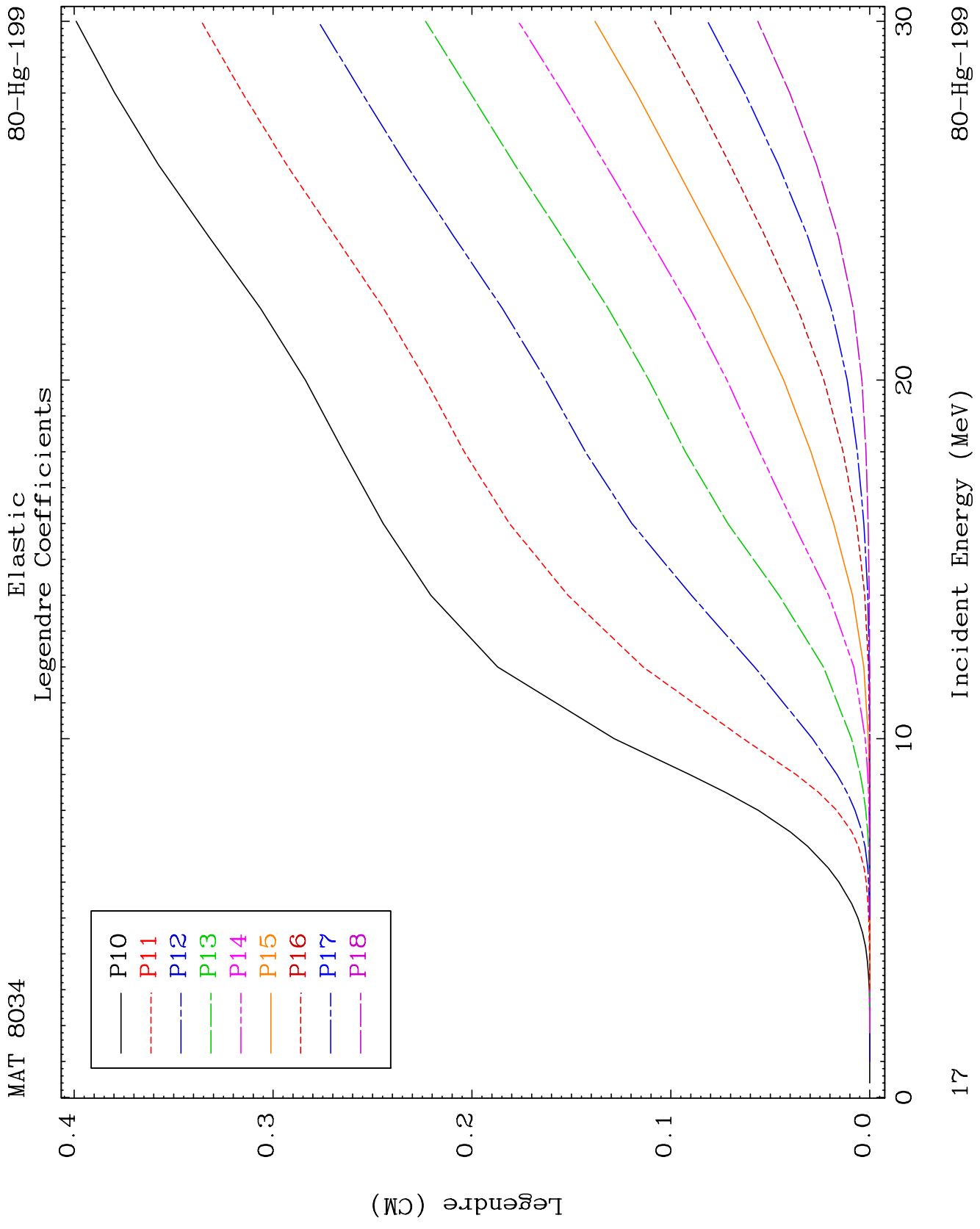
(n, α) Levels
293 Kelvin Cross Sections

80-Hg-199





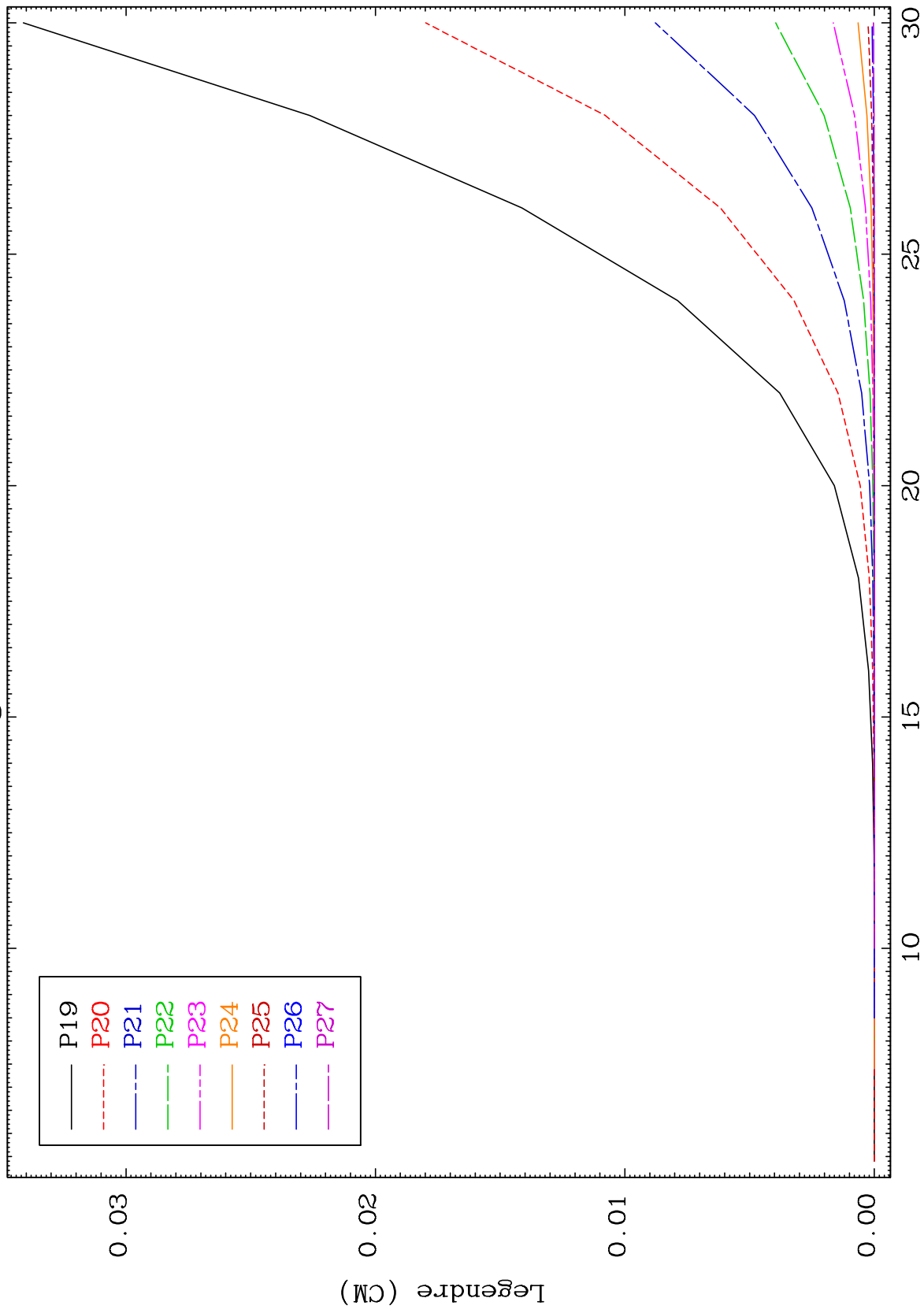




MAT 8034

Elastic
Legendre Coefficients

80-Hg-199



18

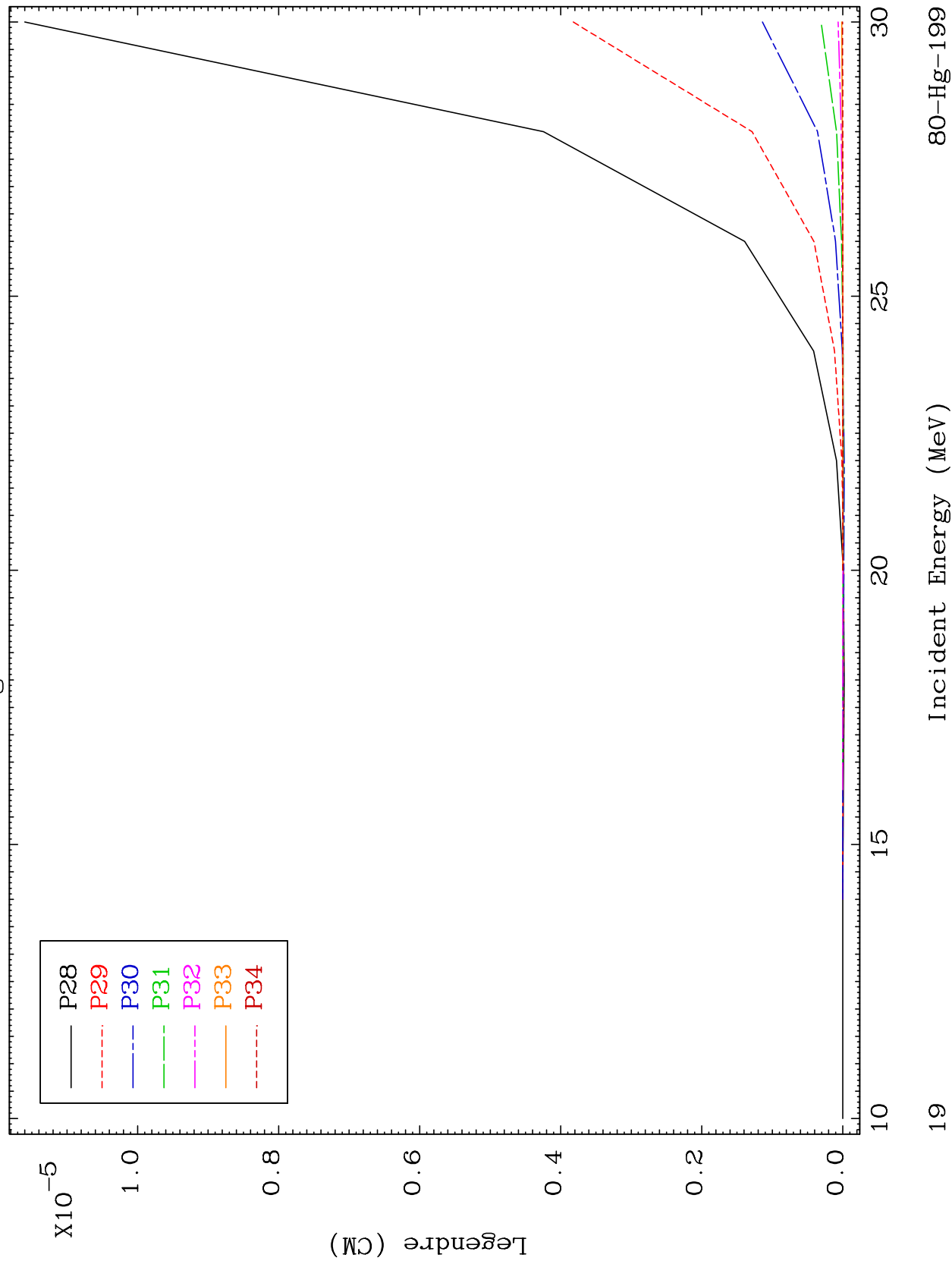
Incident Energy (MeV)

80-Hg-199

MAT 8034

Elastic Legendre Coefficients

80-Hg-199



19

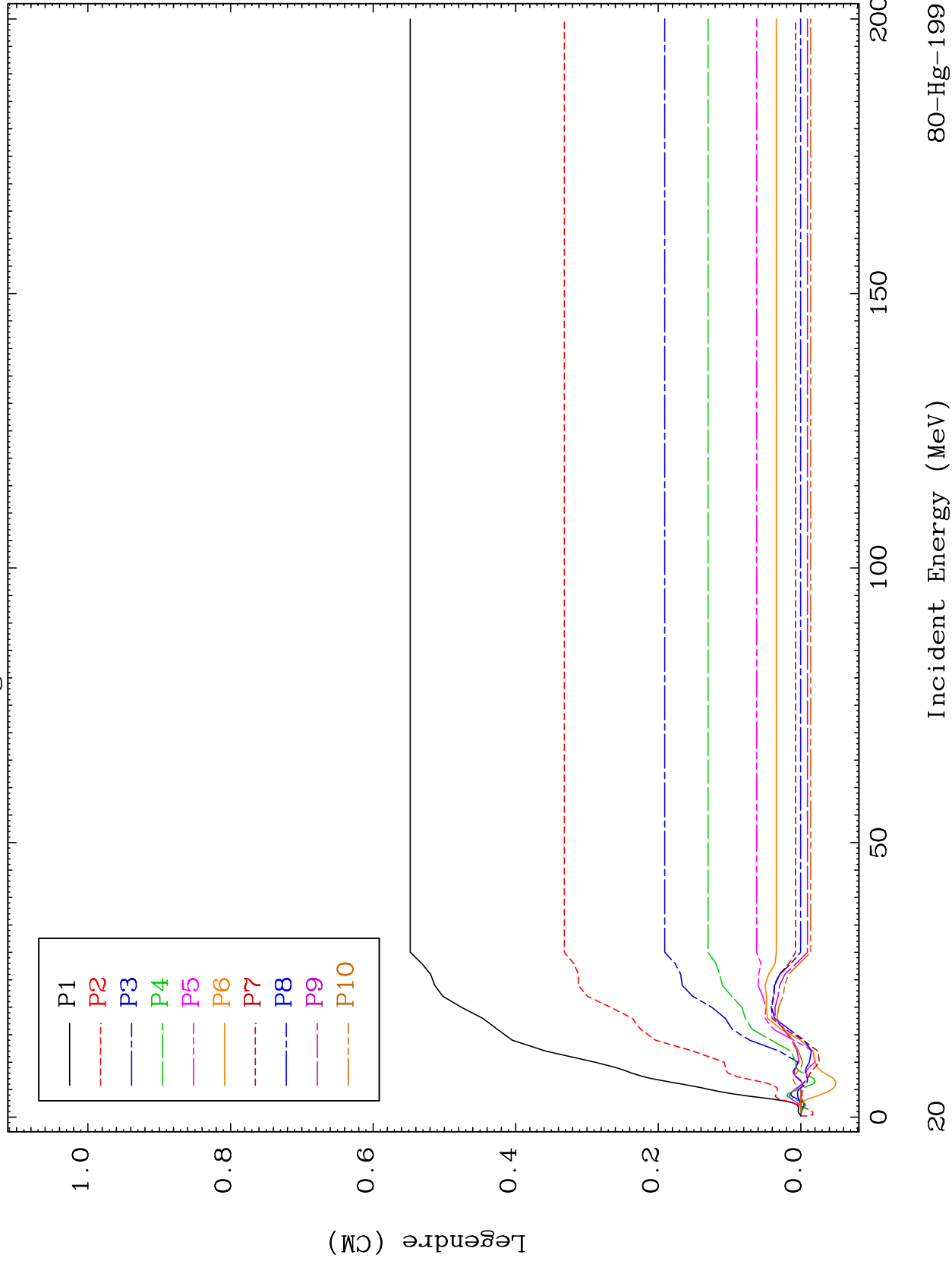
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

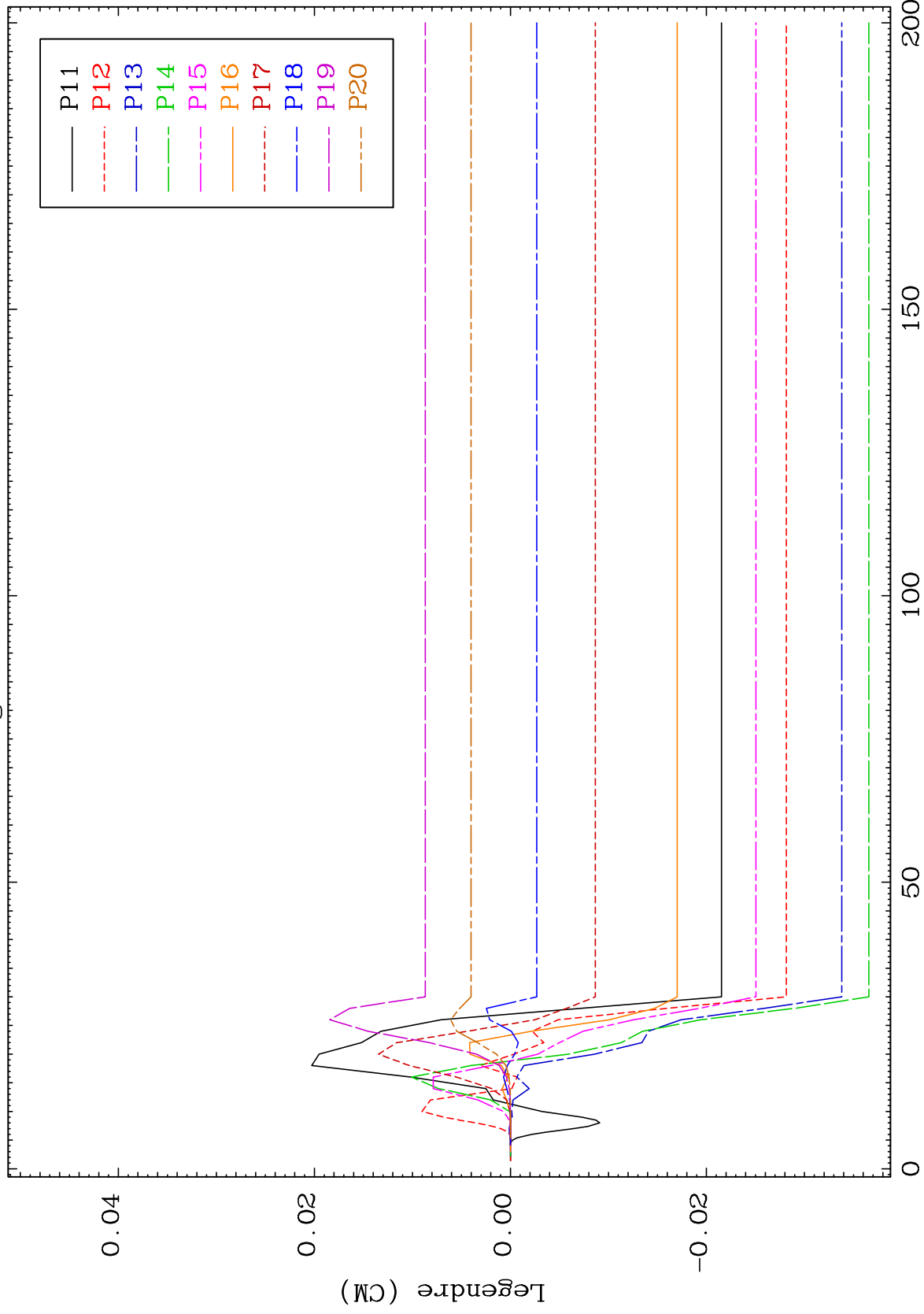
80-Hg-199



MAT 8034

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

80-Hg-199



21

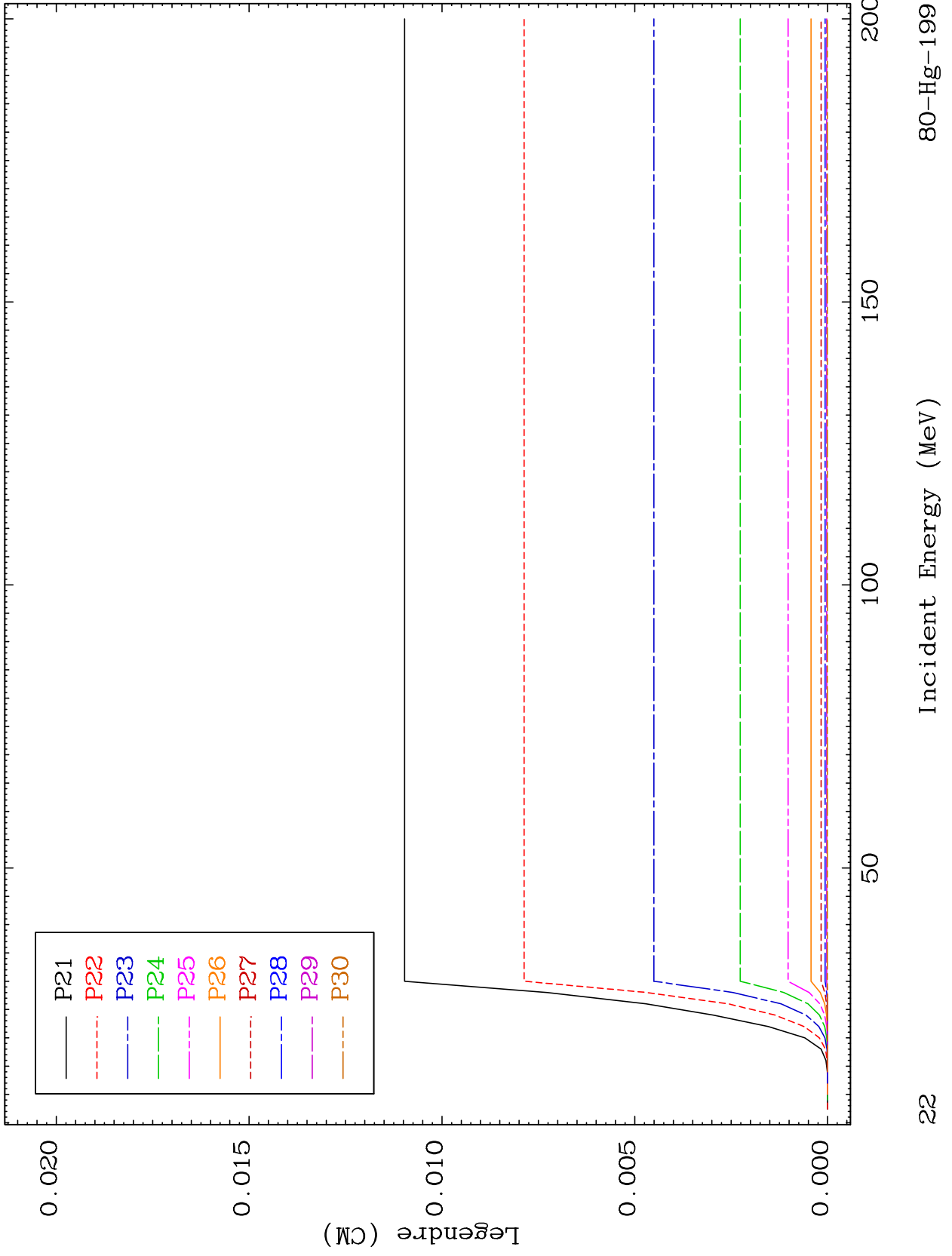
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

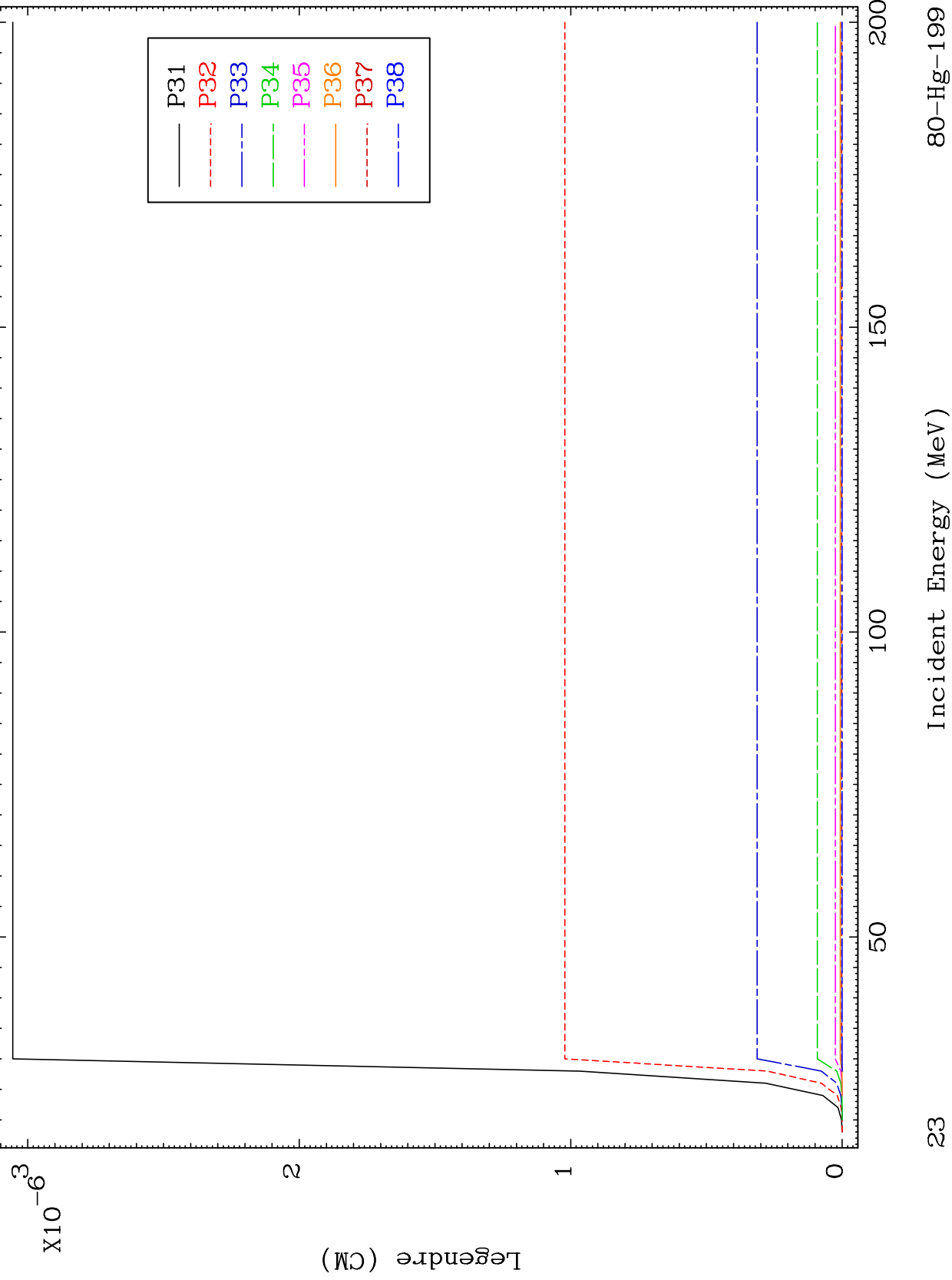
80-Hg-199



MAT 8034

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

80-Hg-199

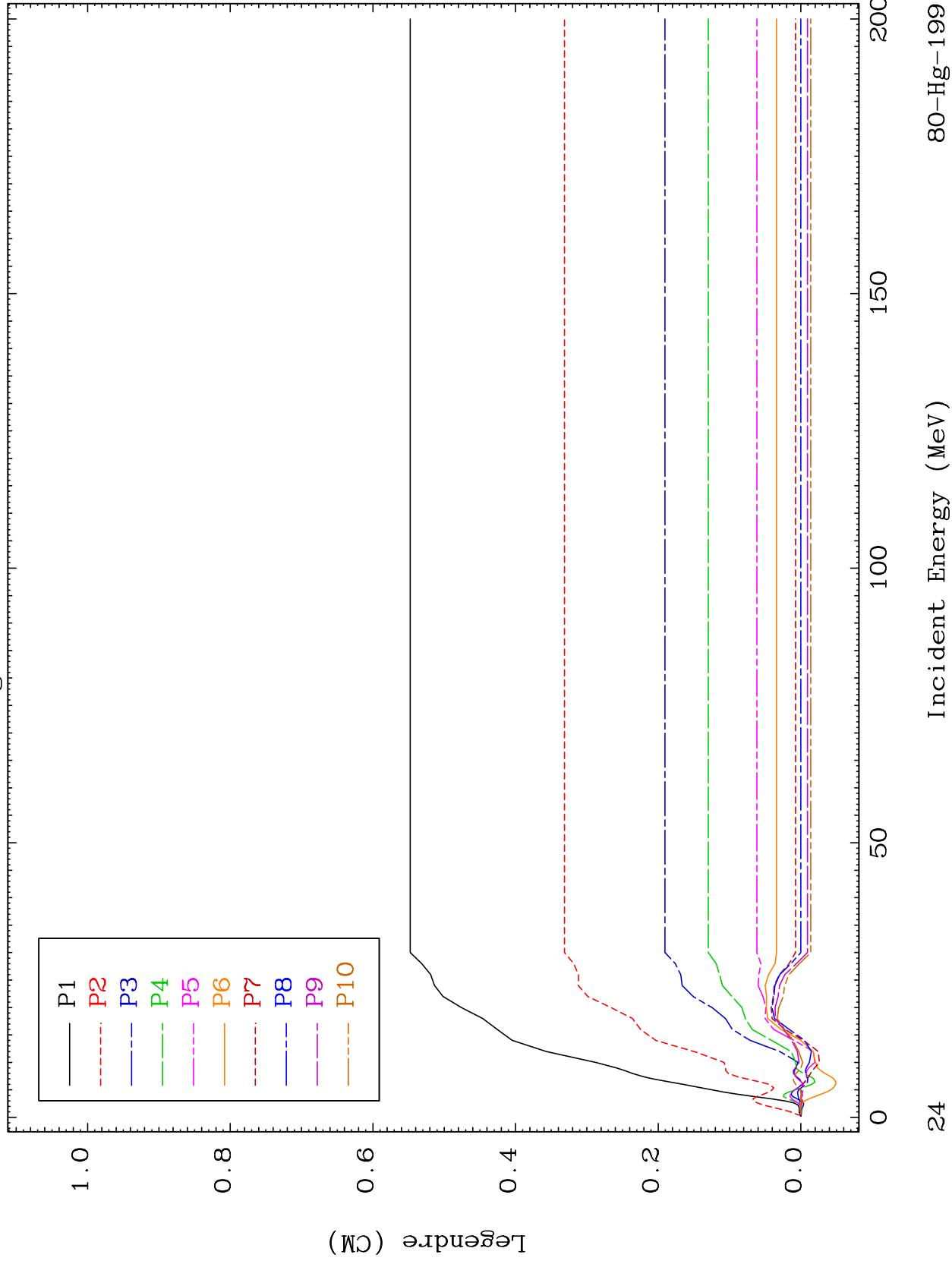


23

MAT 8034

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

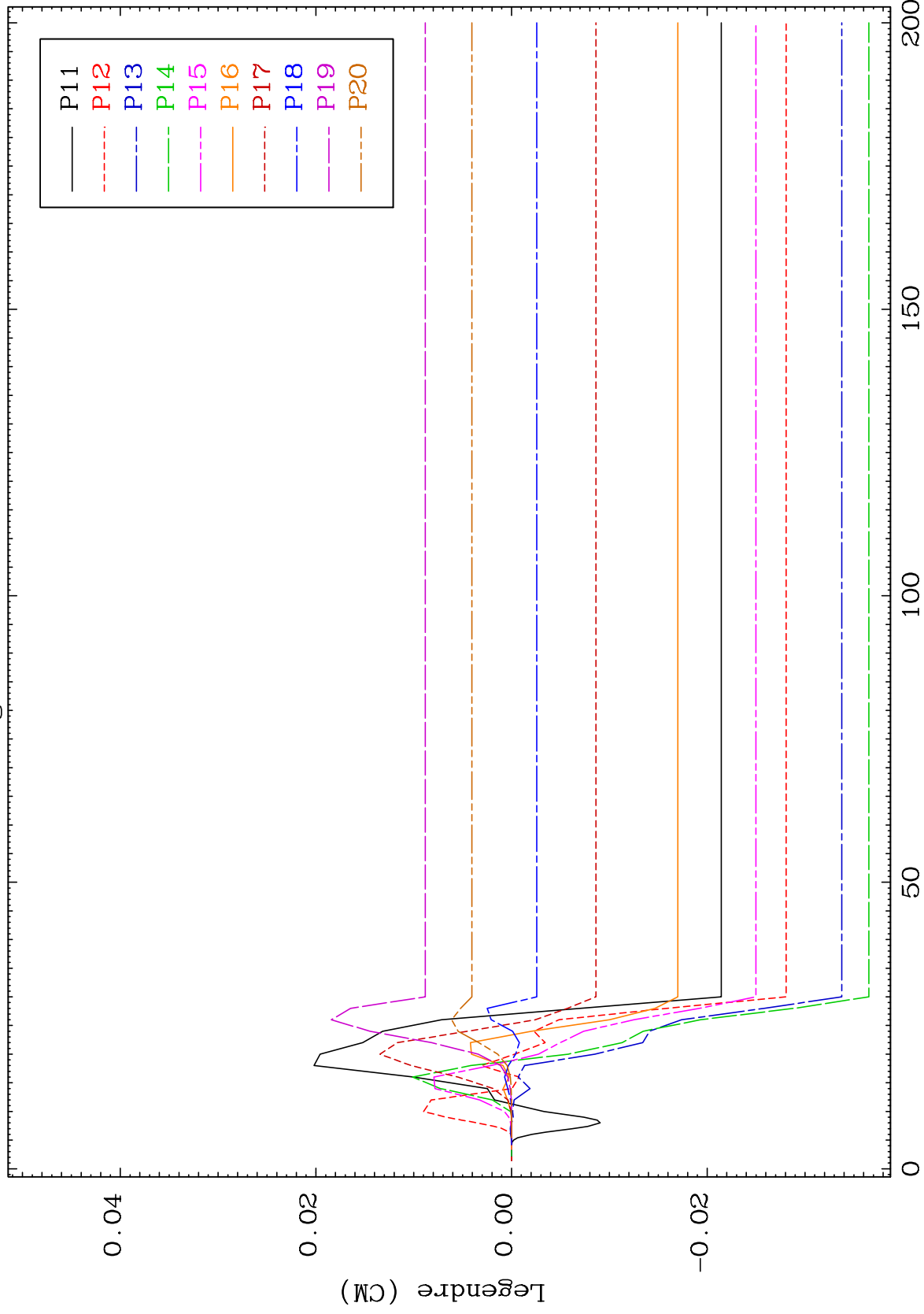
80-Hg-199



MAT 8034

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

80-Hg-199



25

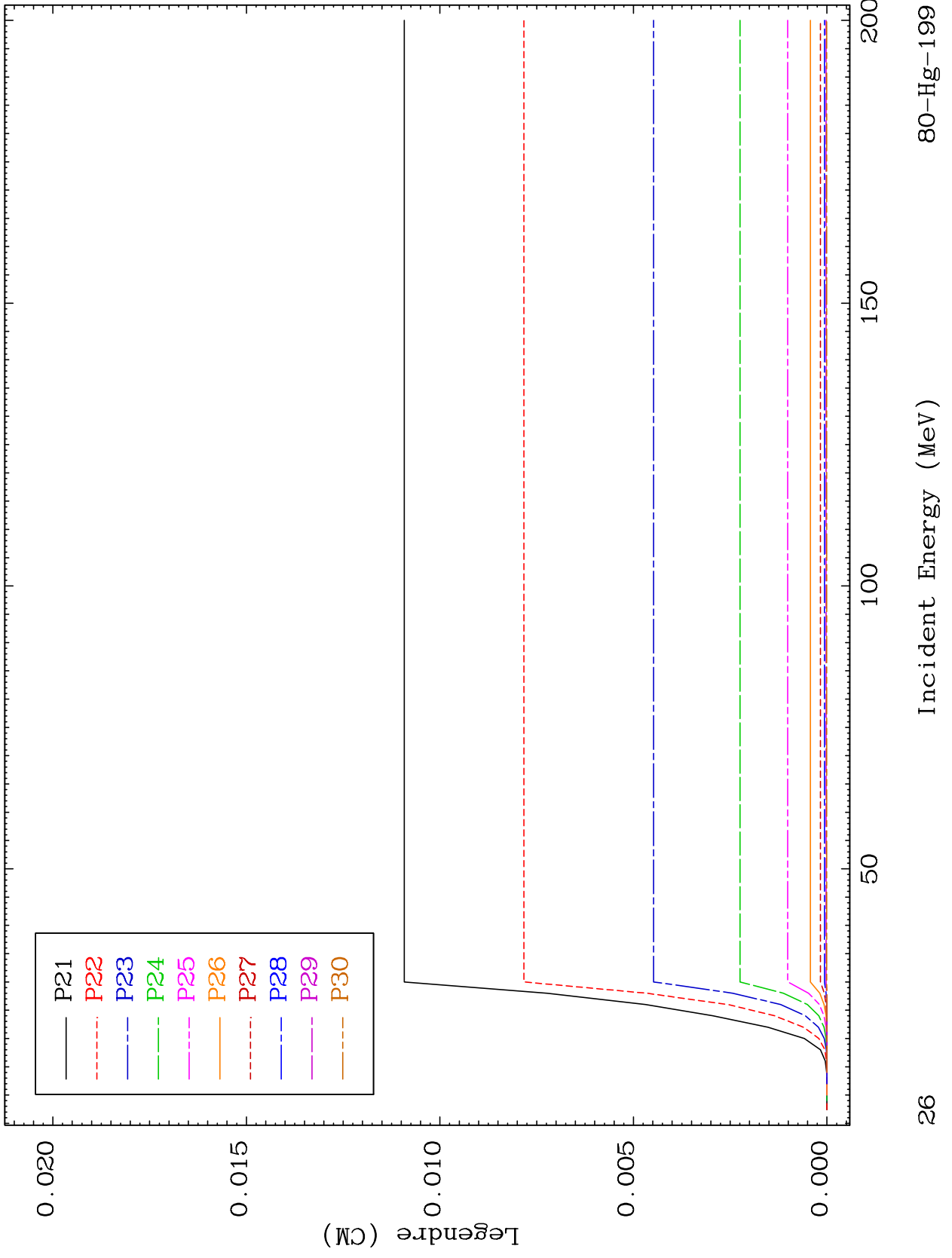
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



26

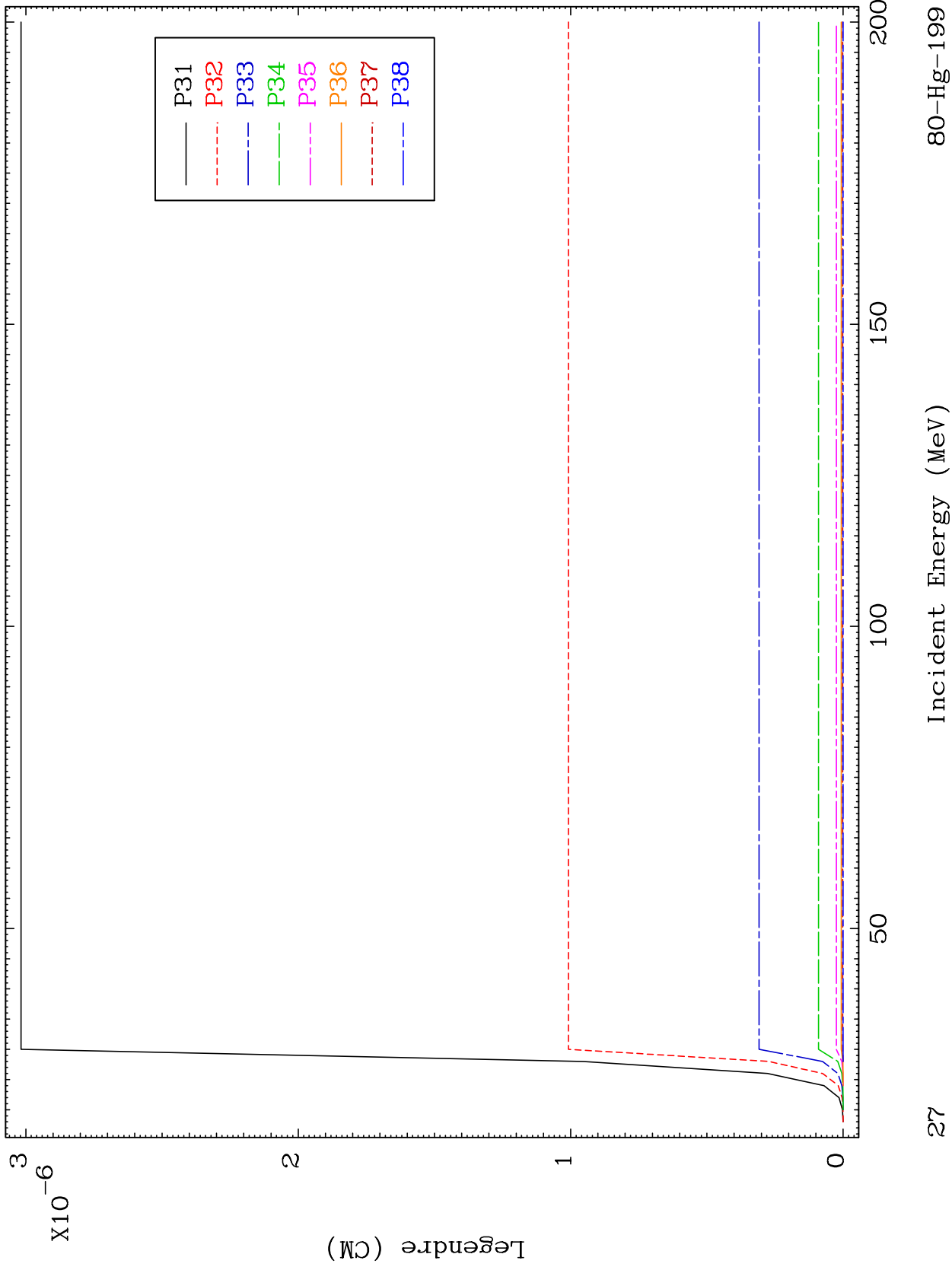
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



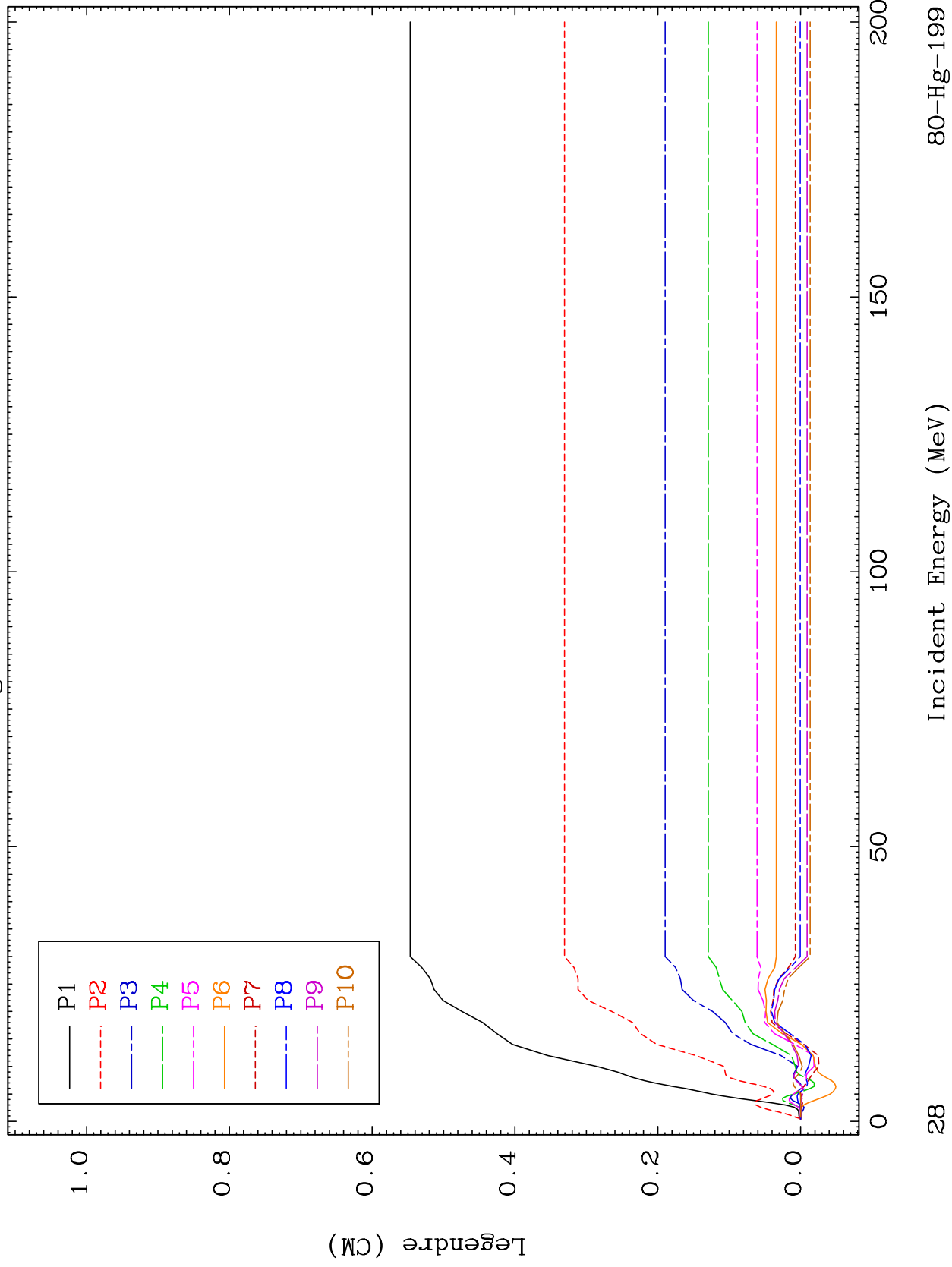
27

80-Hg-199

MAT 8034

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

80-Hg-199



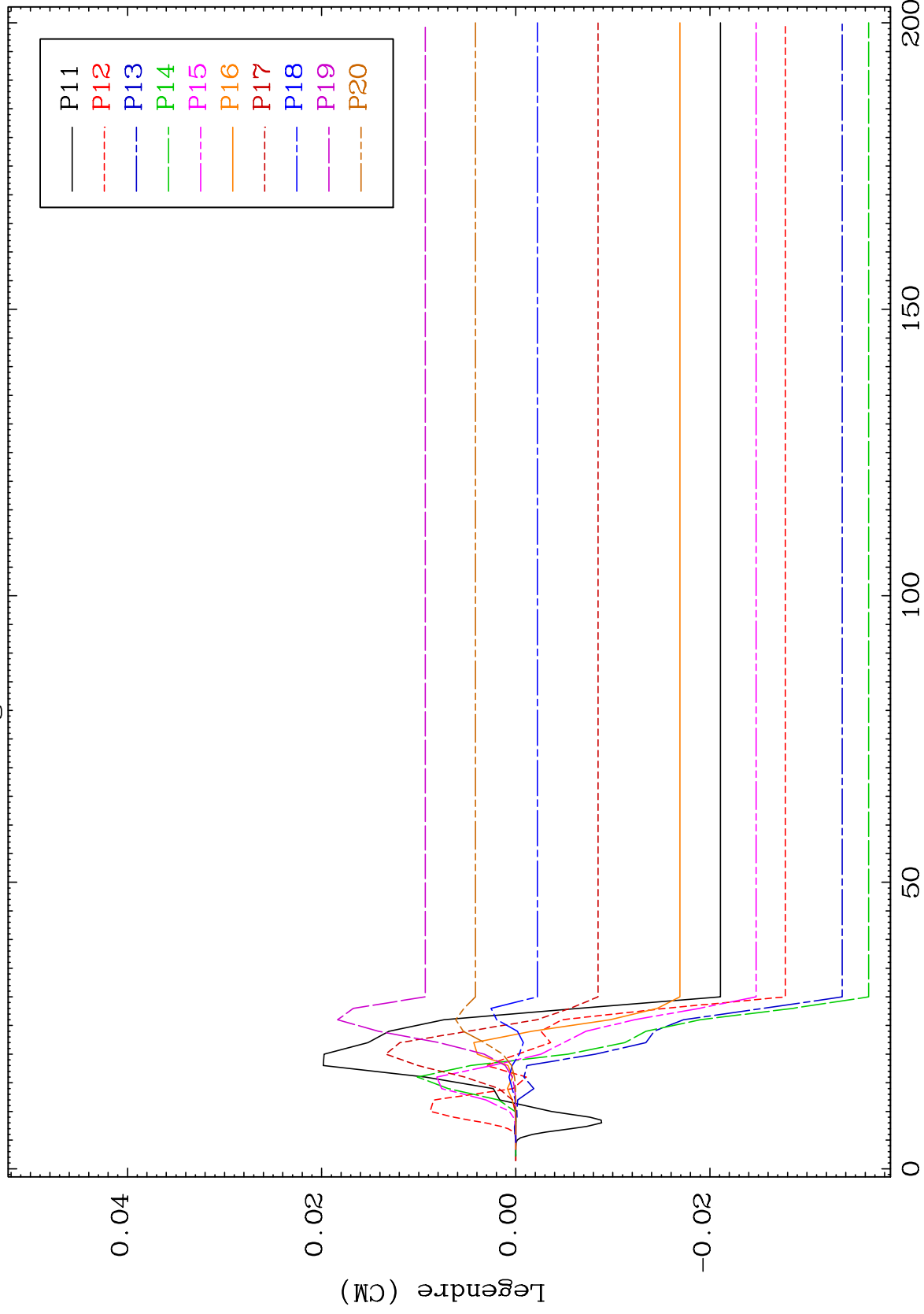
28

80-Hg-199

MAT 8034

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

80-Hg-199



29

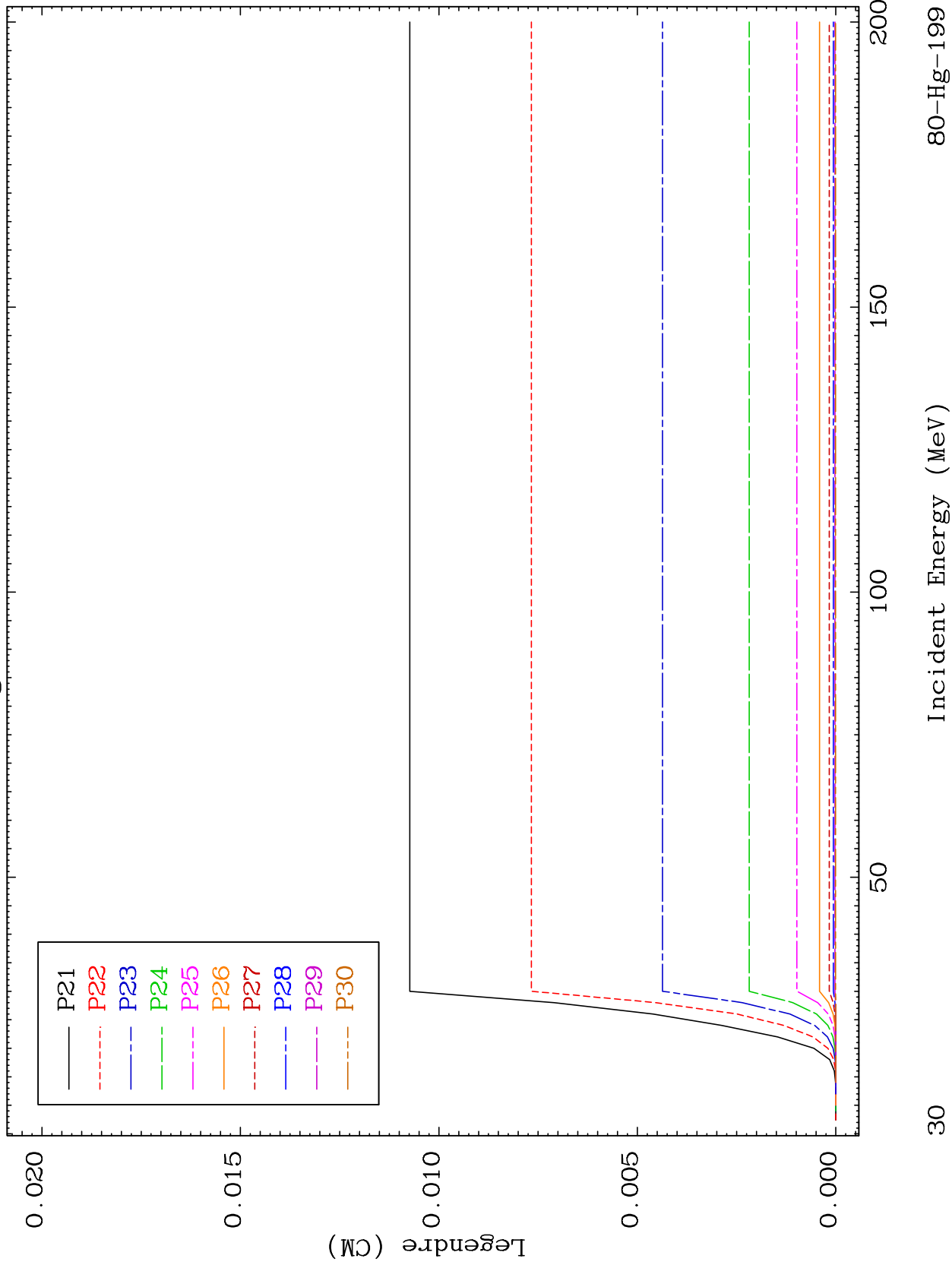
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



30

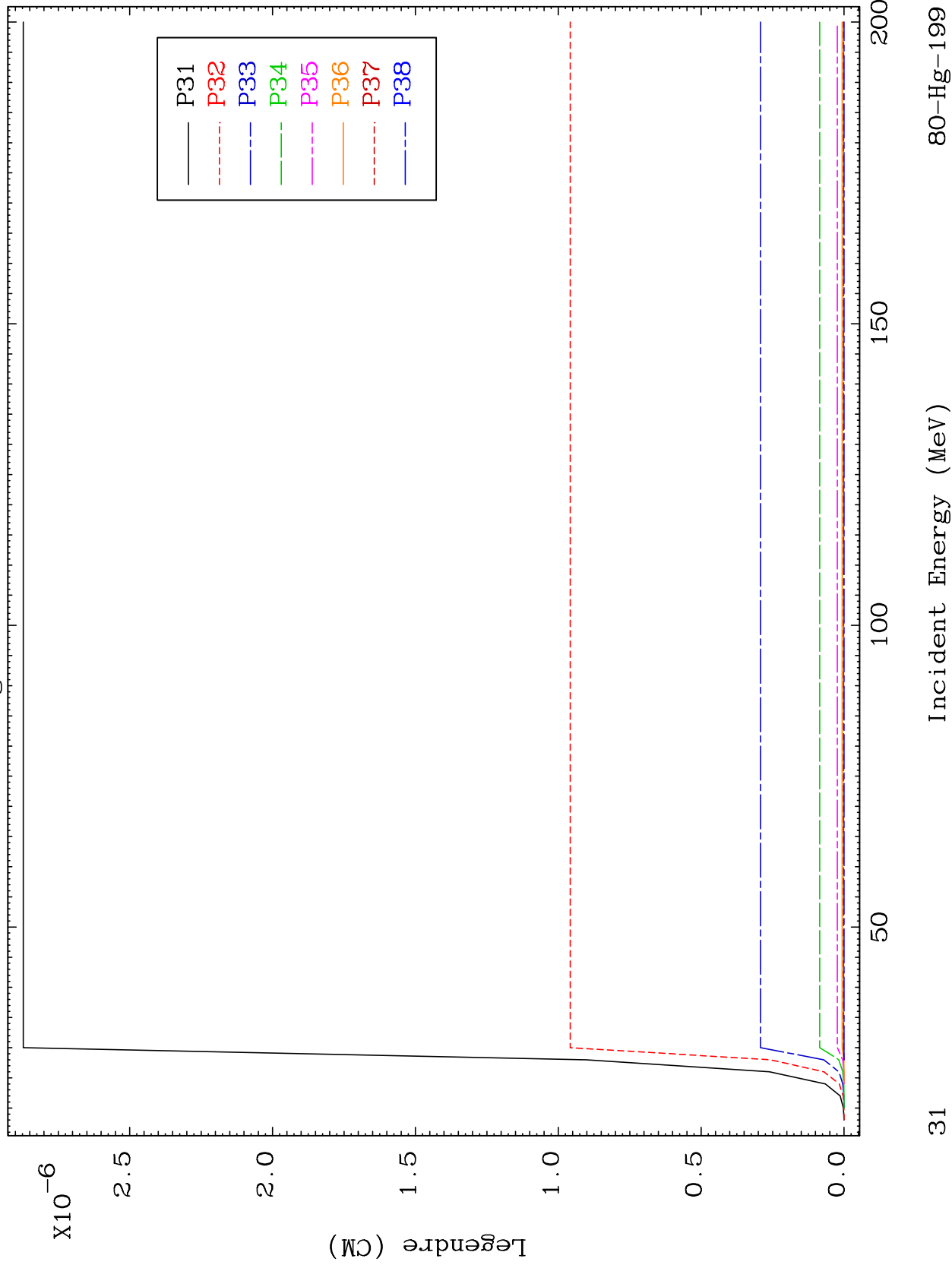
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

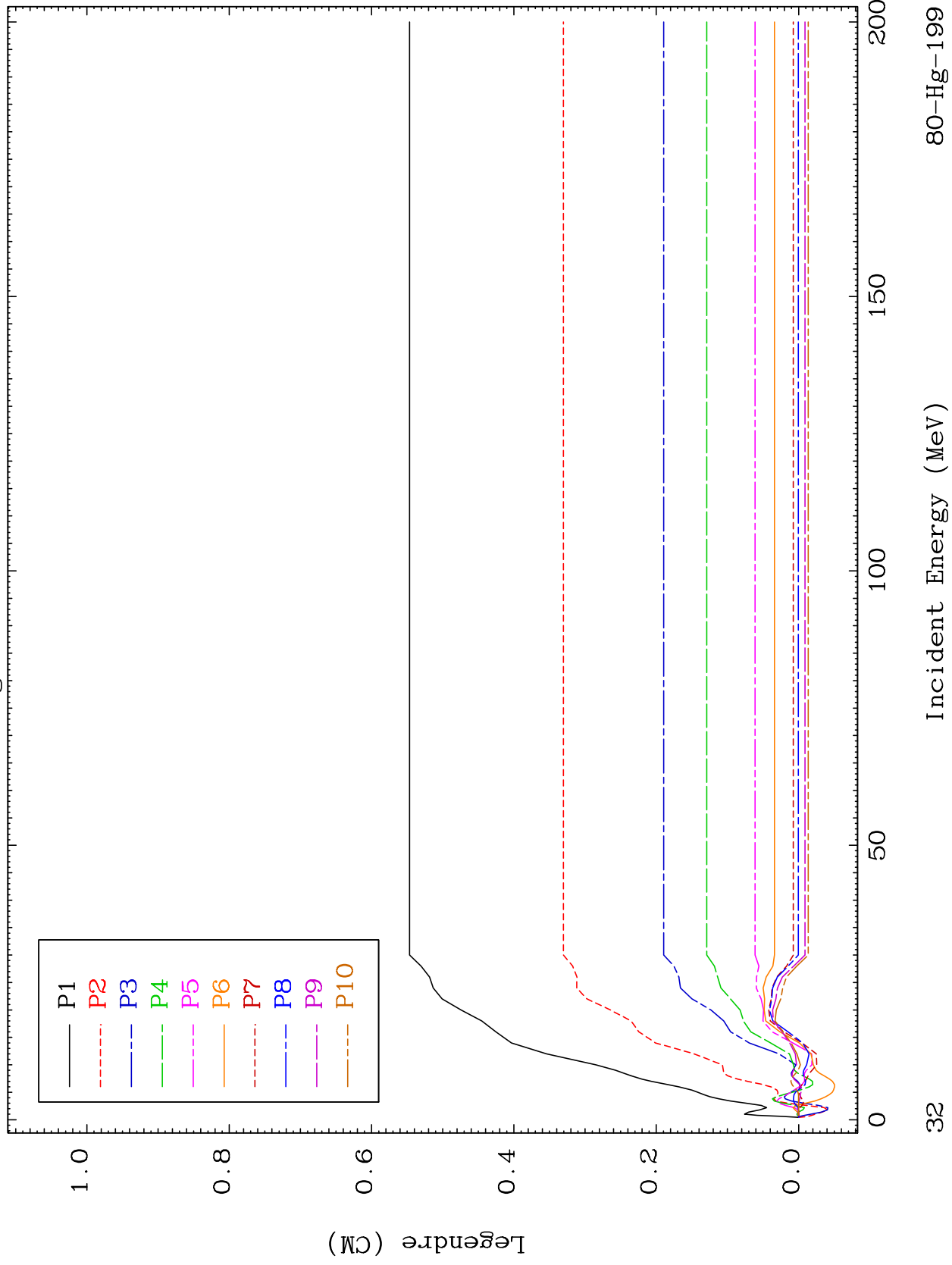
80-Hg-199



MAT 8034

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

80-Hg-199

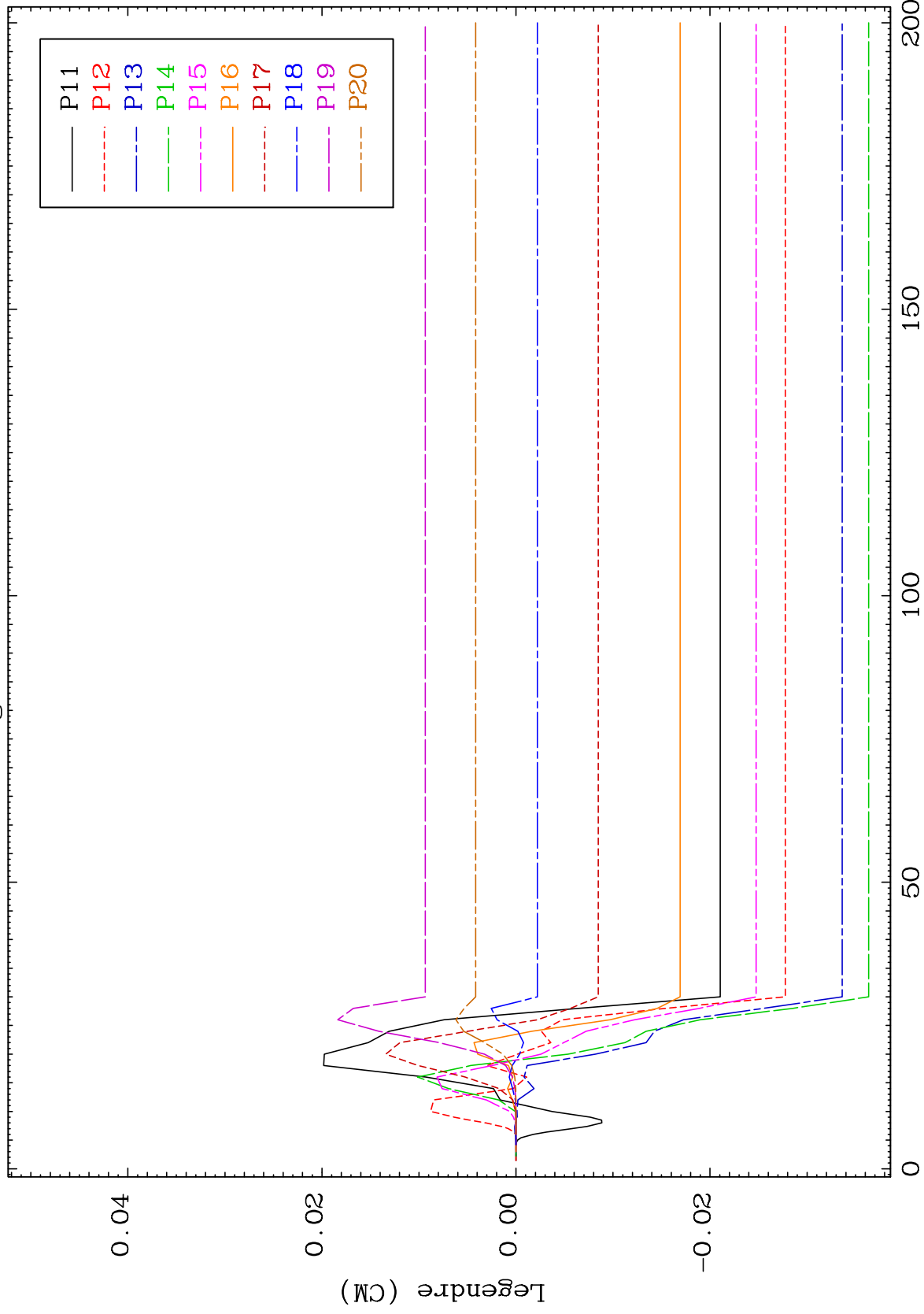


32

MAT 8034

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

80-Hg-199



33

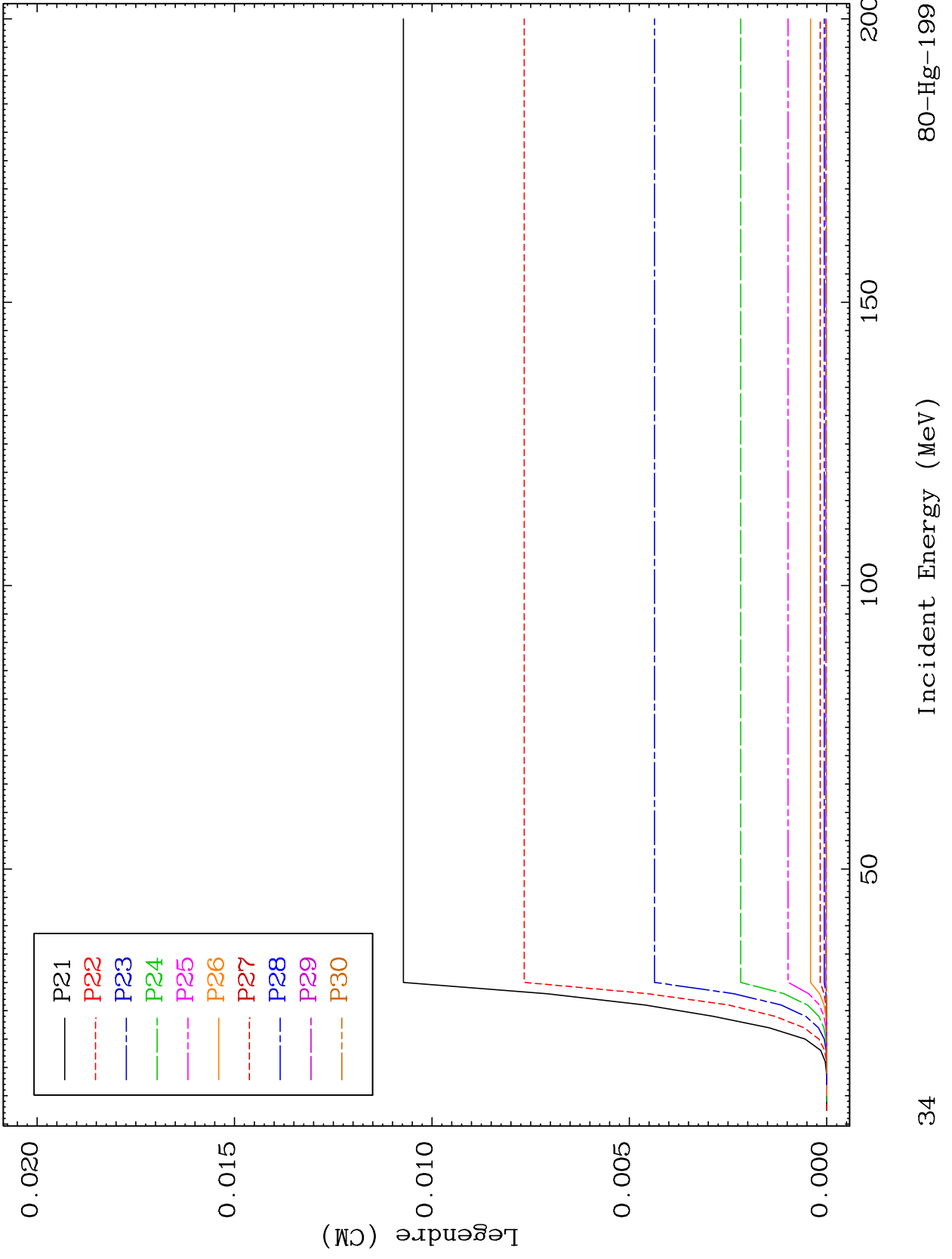
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



34

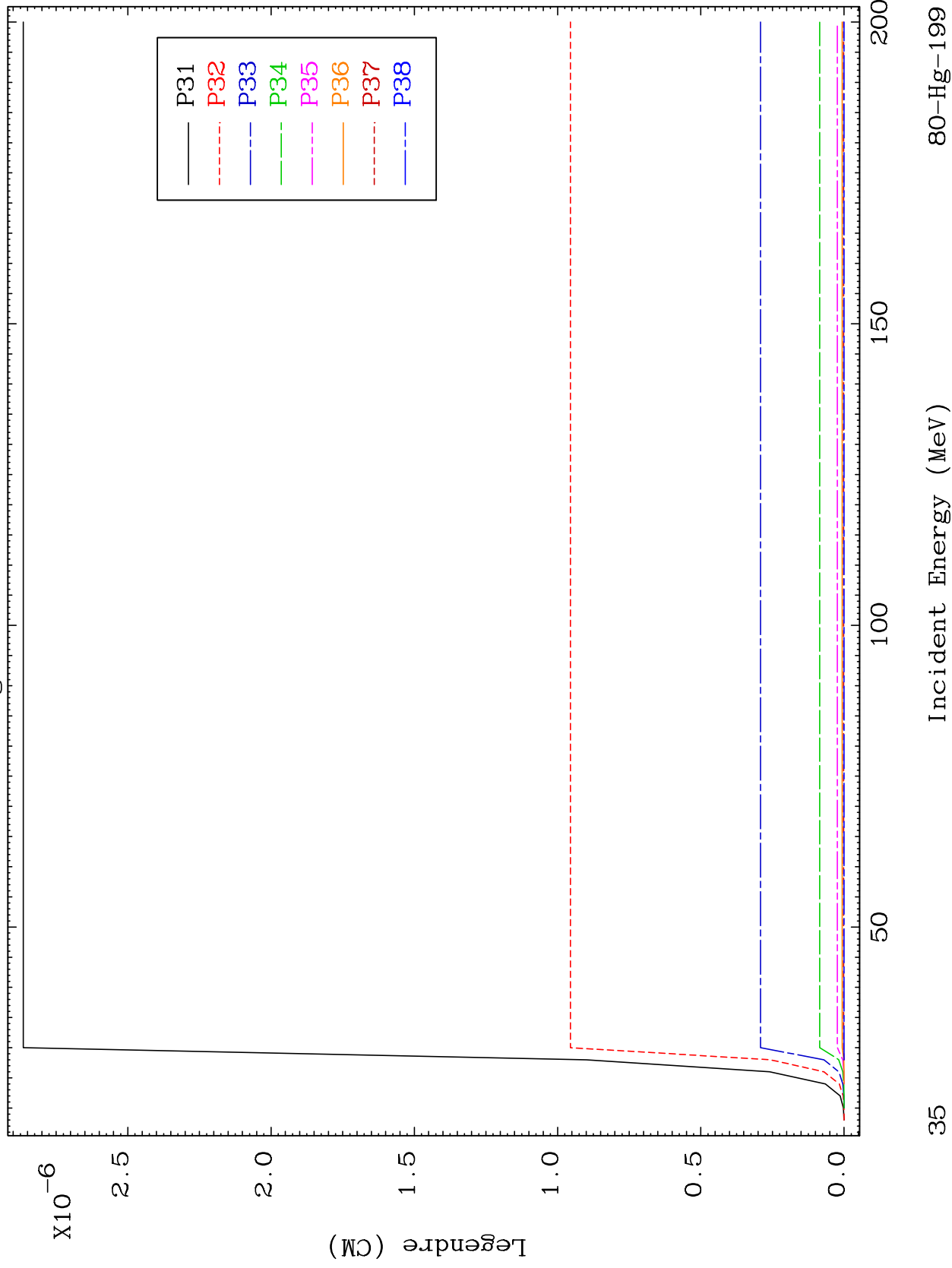
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



35

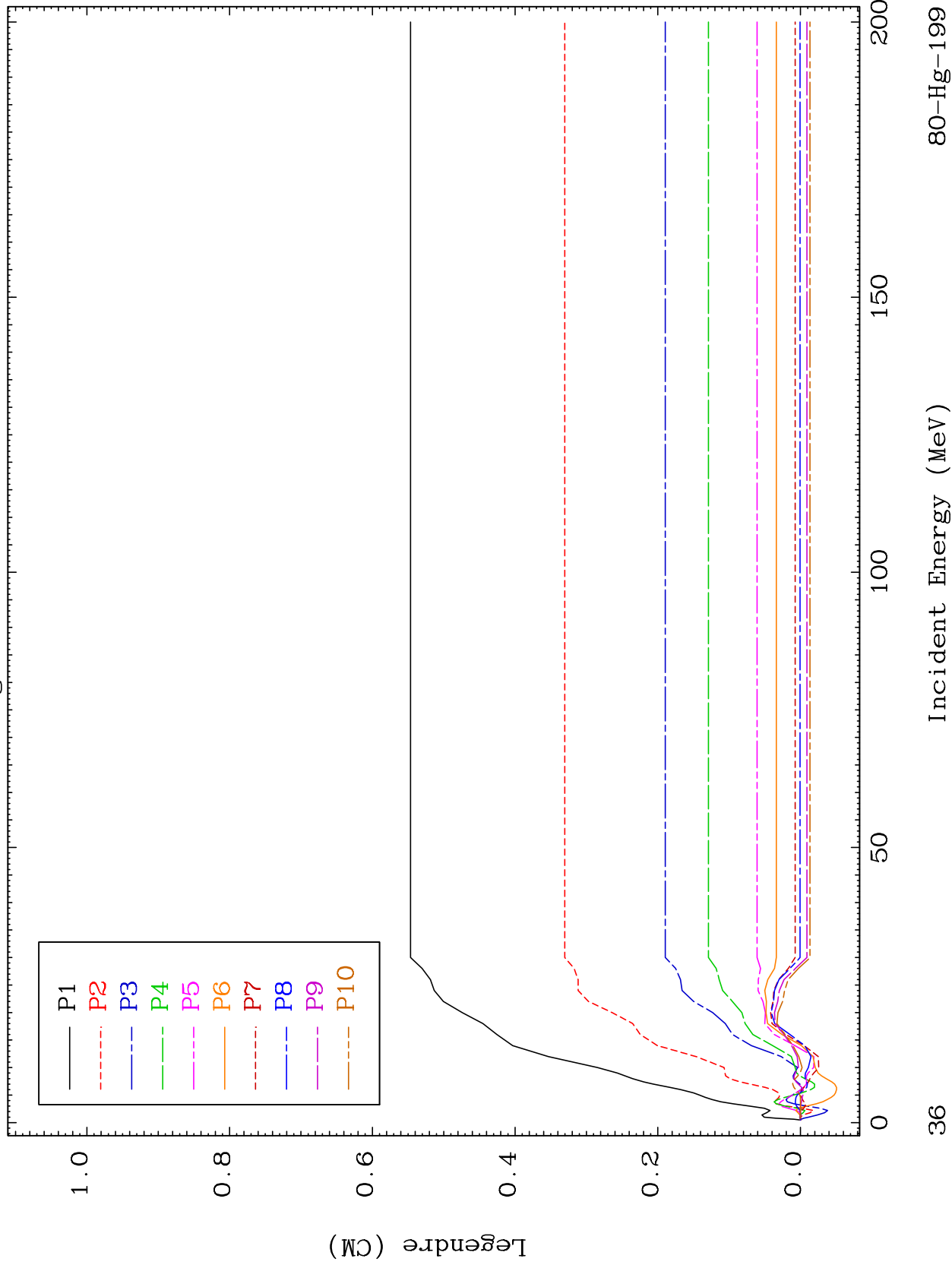
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



36

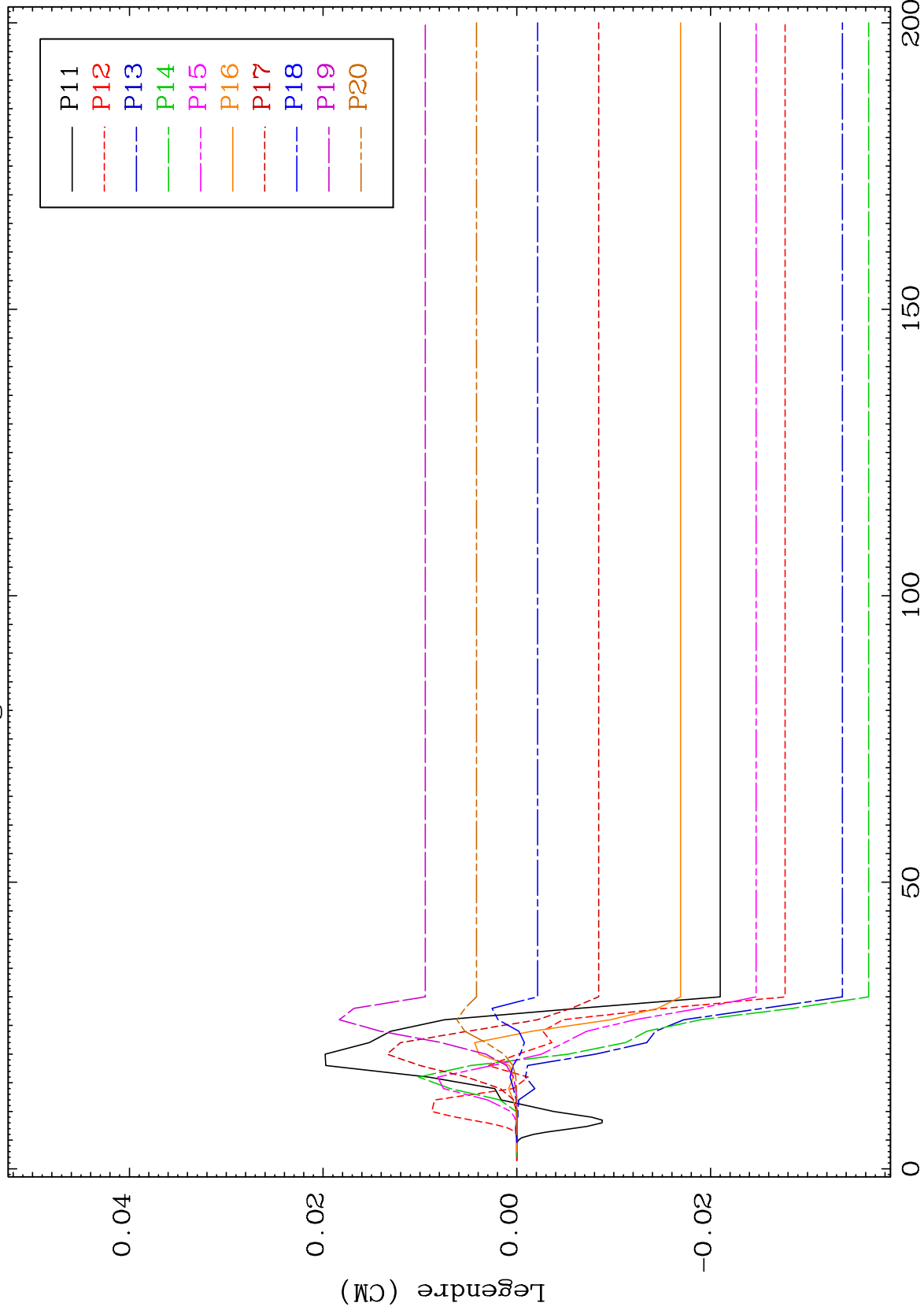
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



37

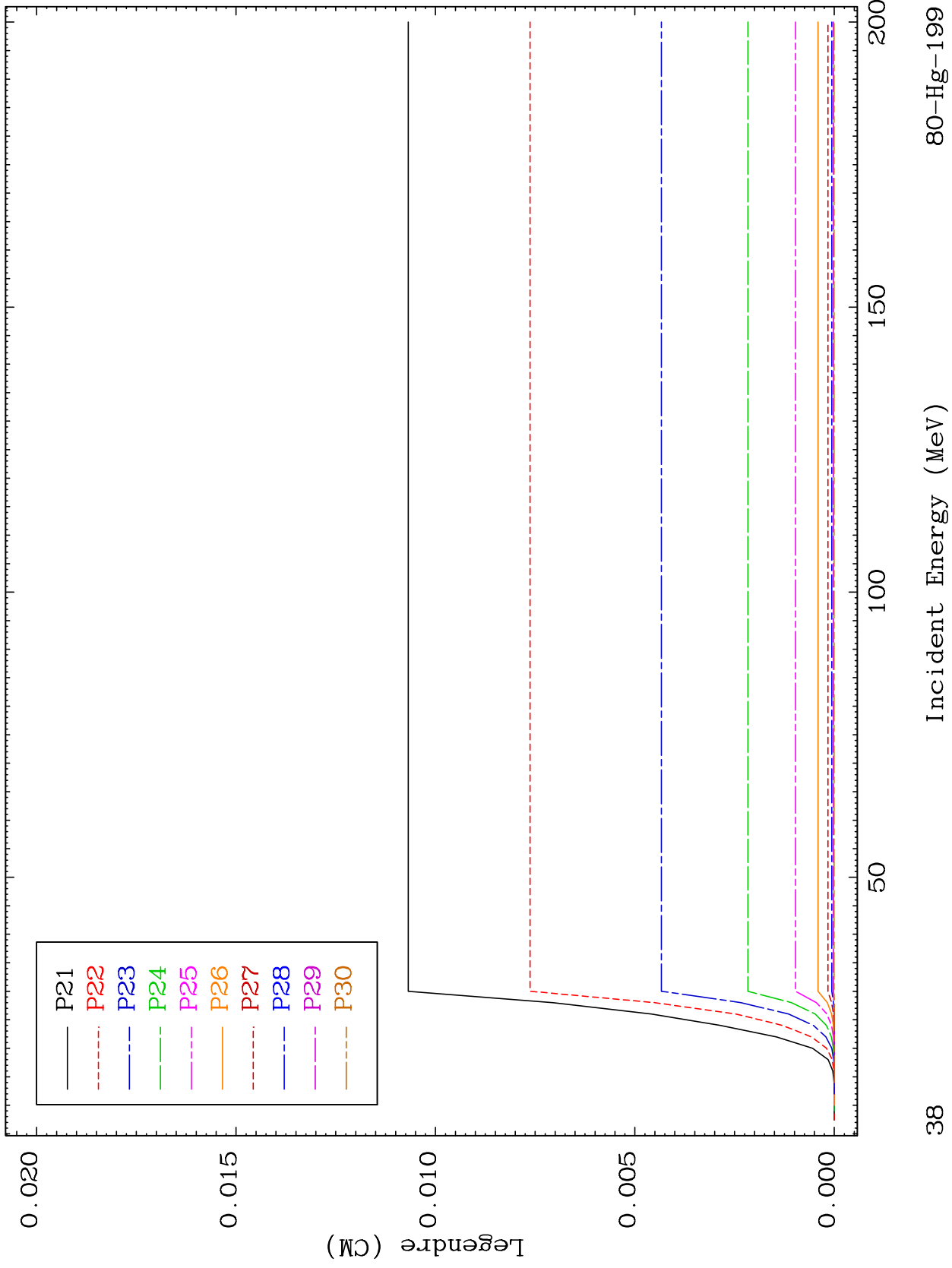
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



38

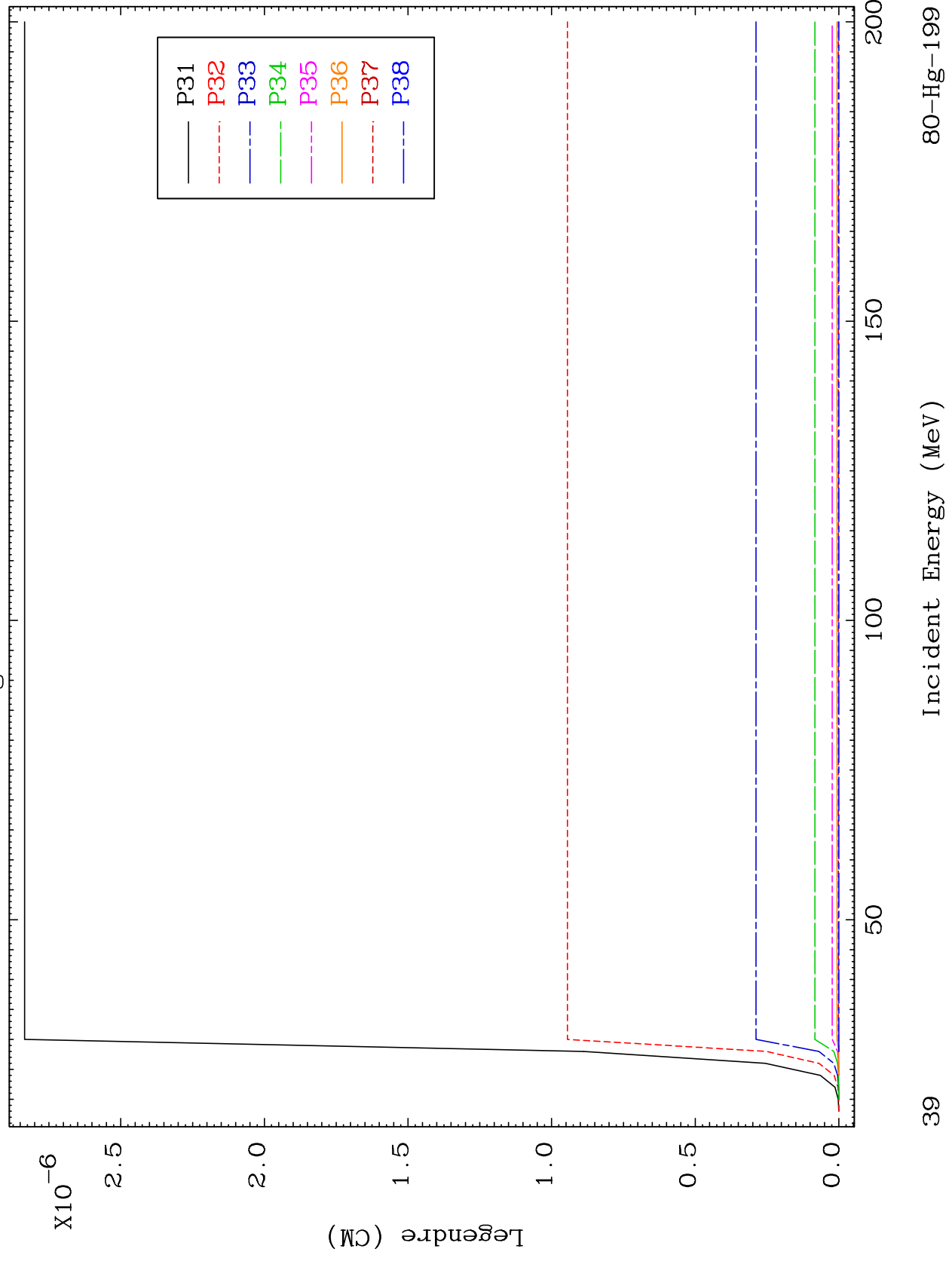
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



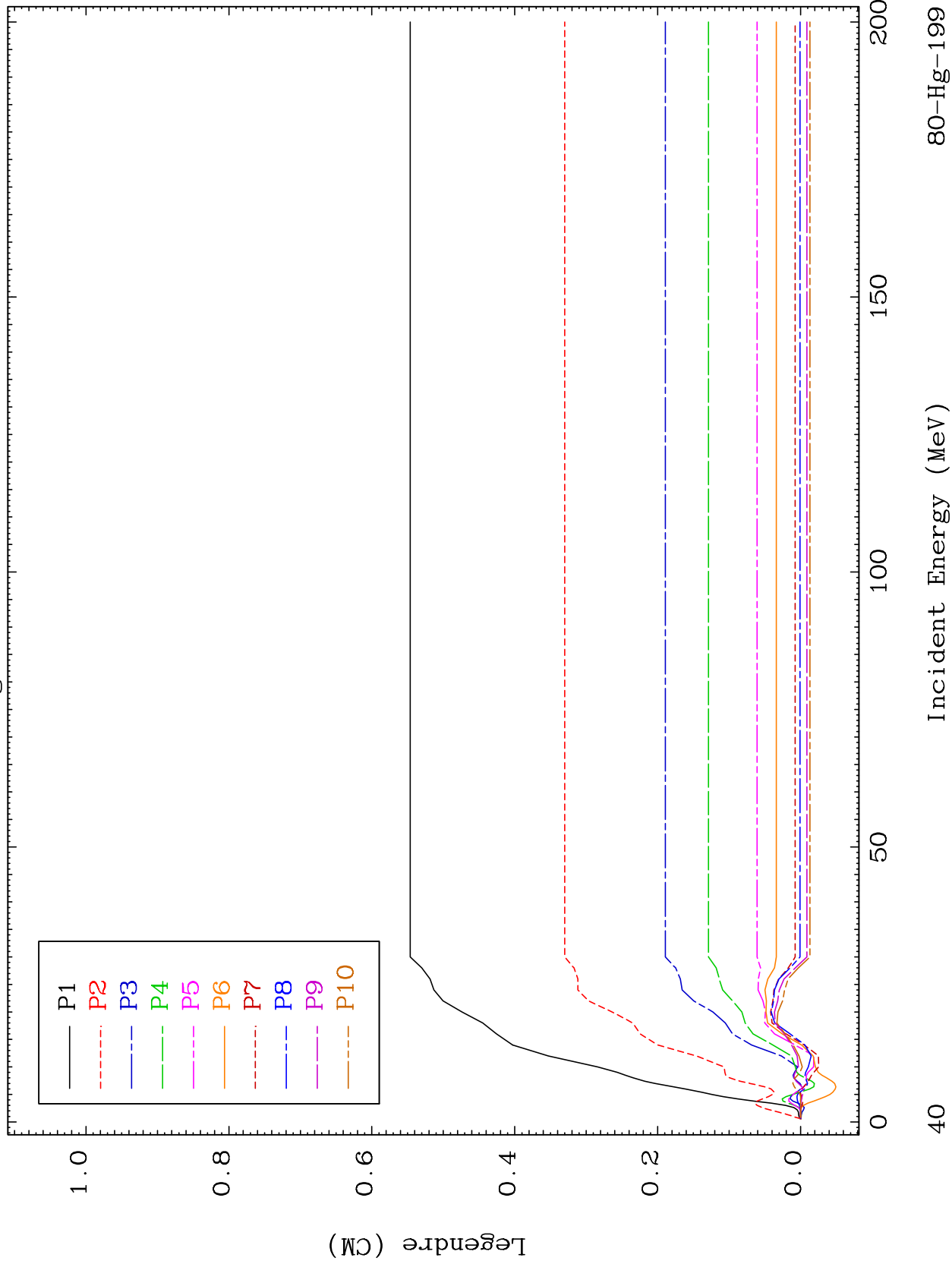
39

80-Hg-199

MAT 8034

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

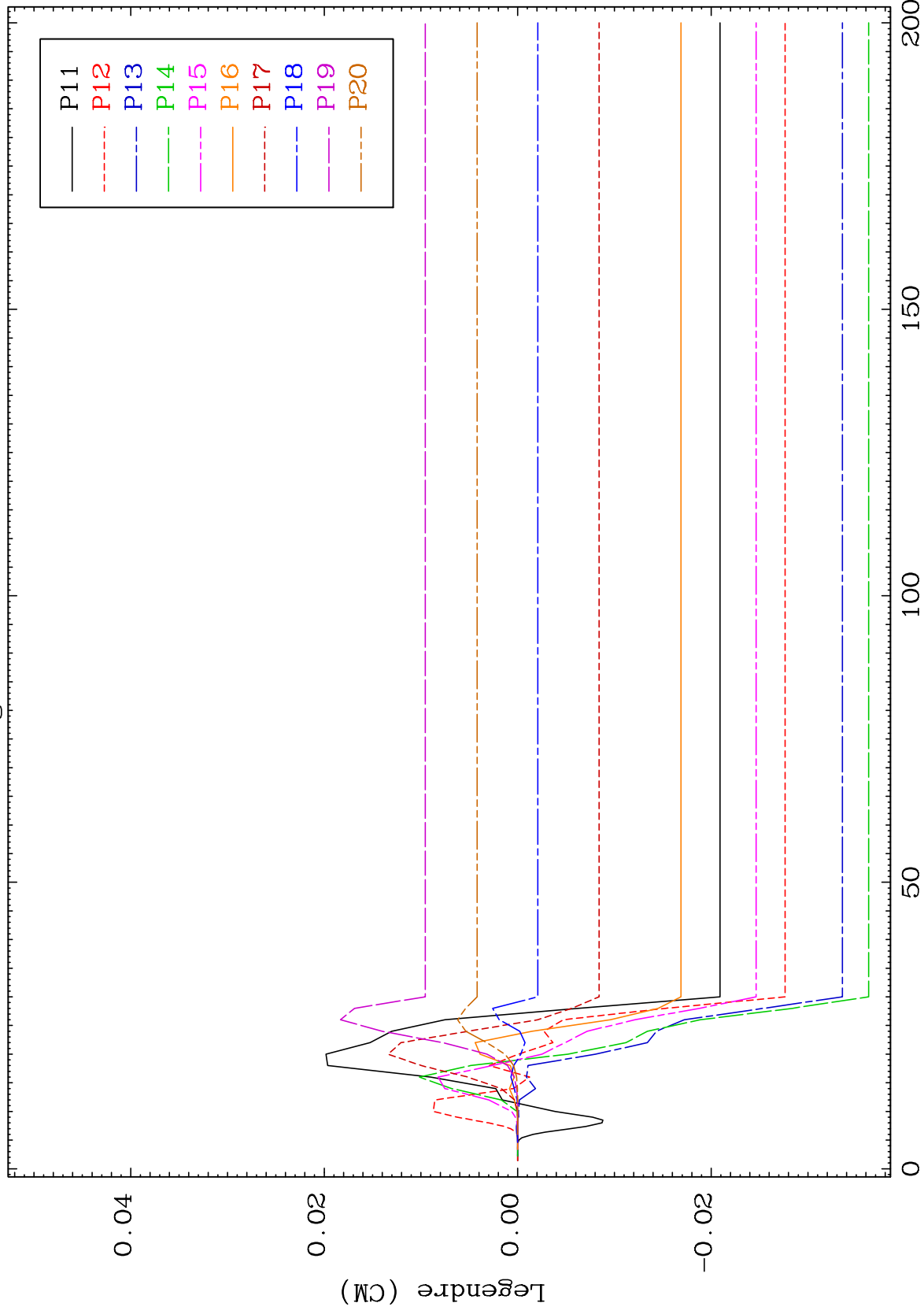
80-Hg-199



MAT 8034

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

80-Hg-199



41

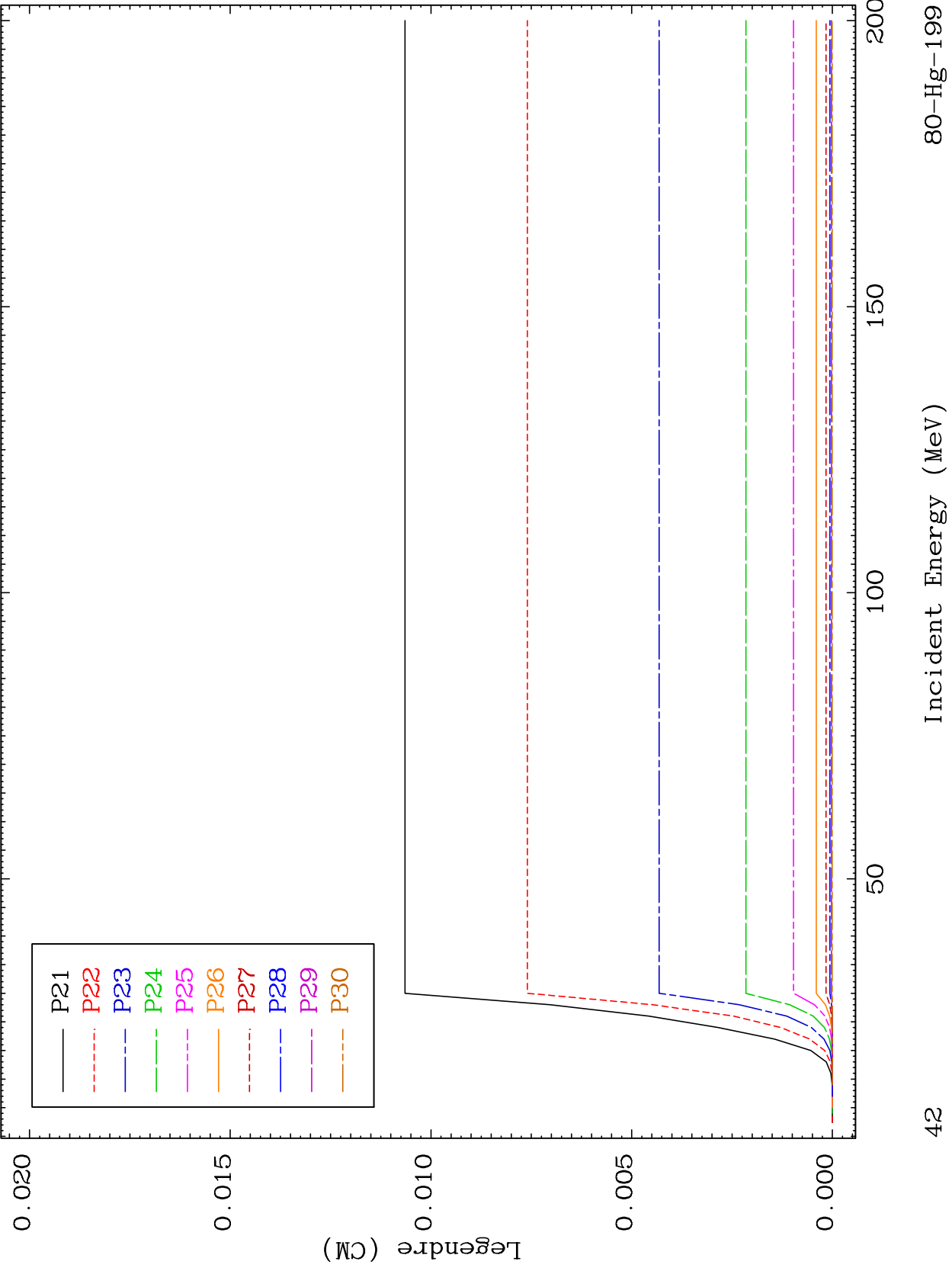
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



42

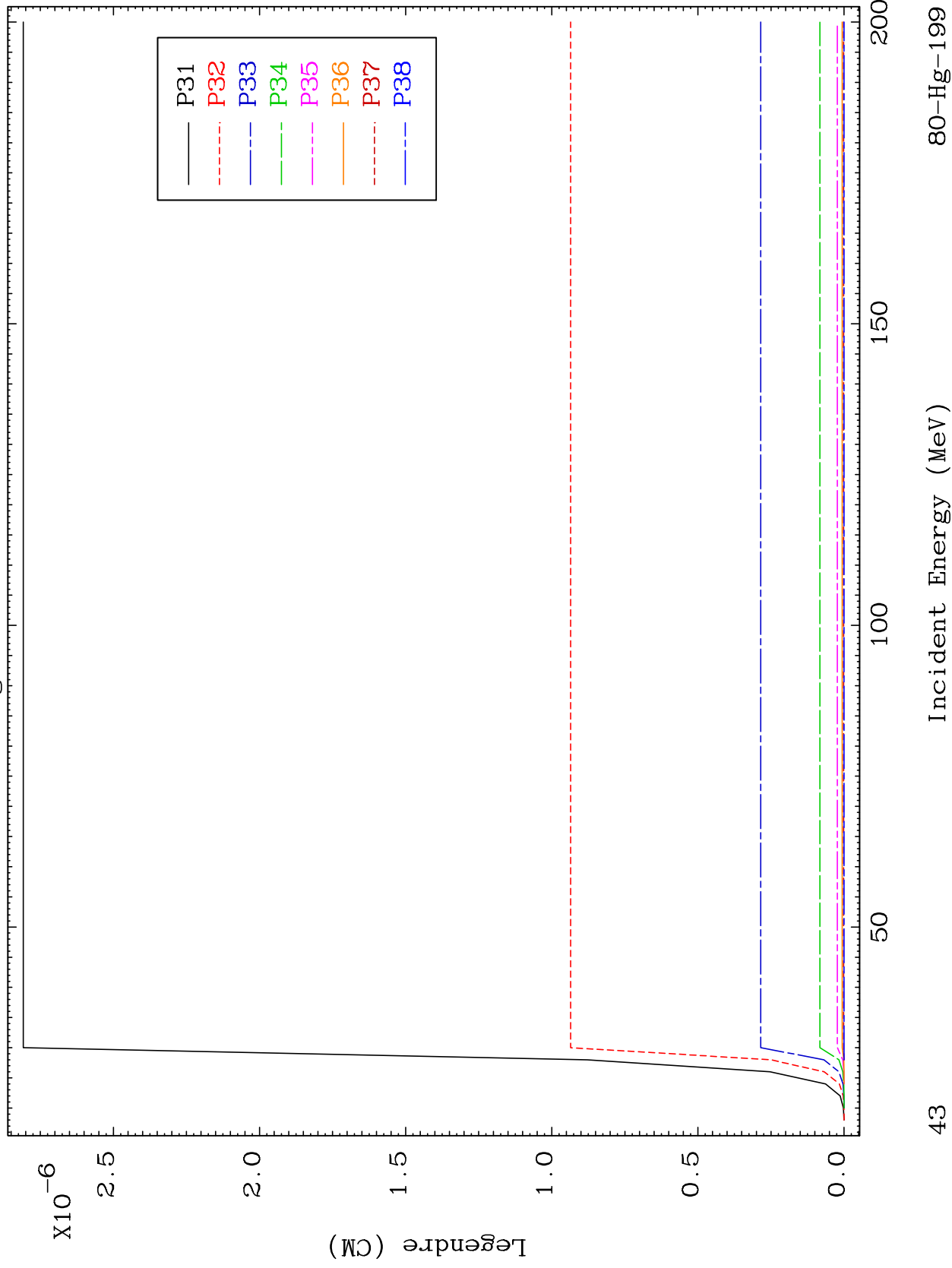
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



43

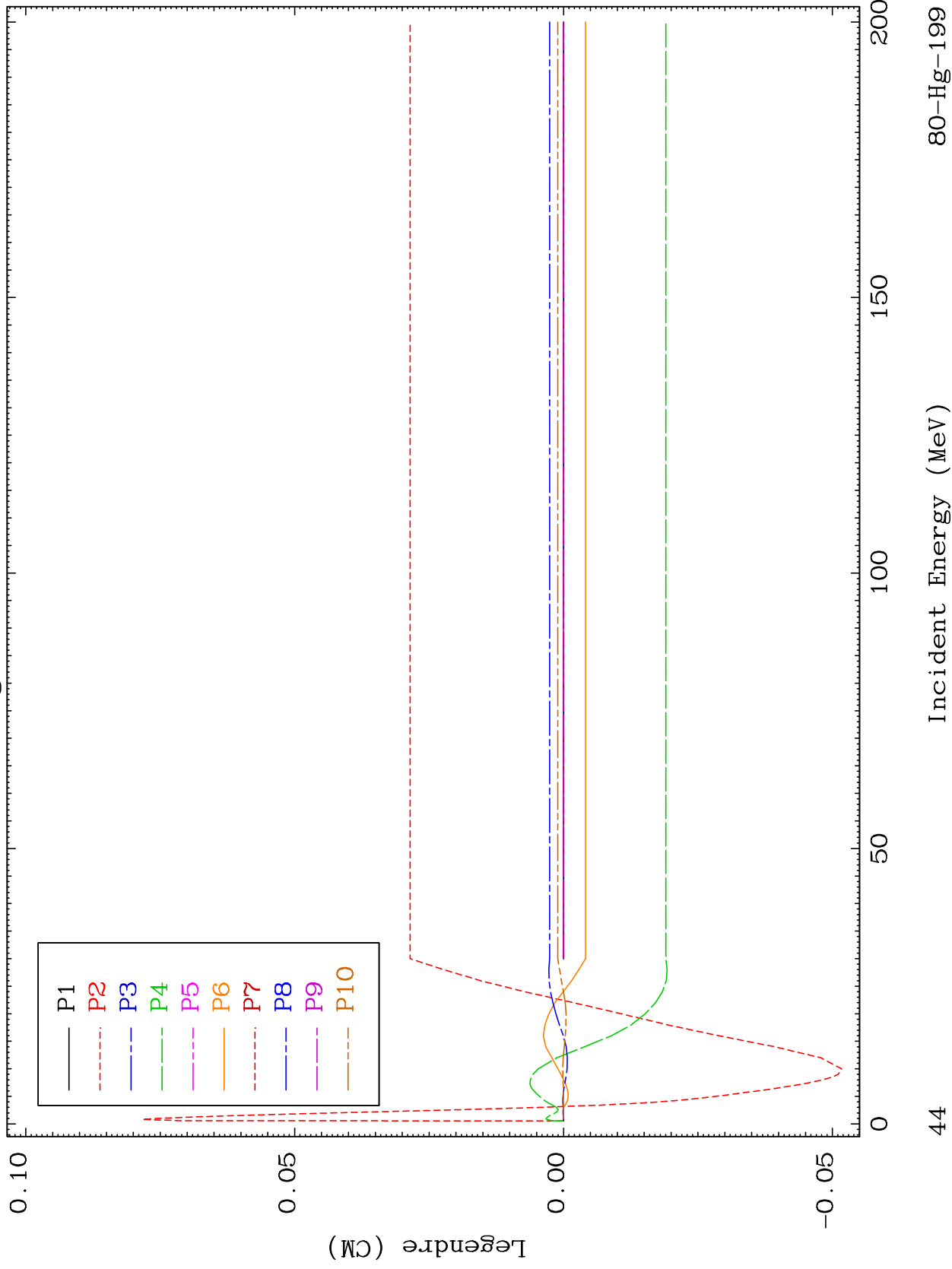
Incident Energy (MeV)

80-Hg-199

MAT 8034

80-Hg-199

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



44

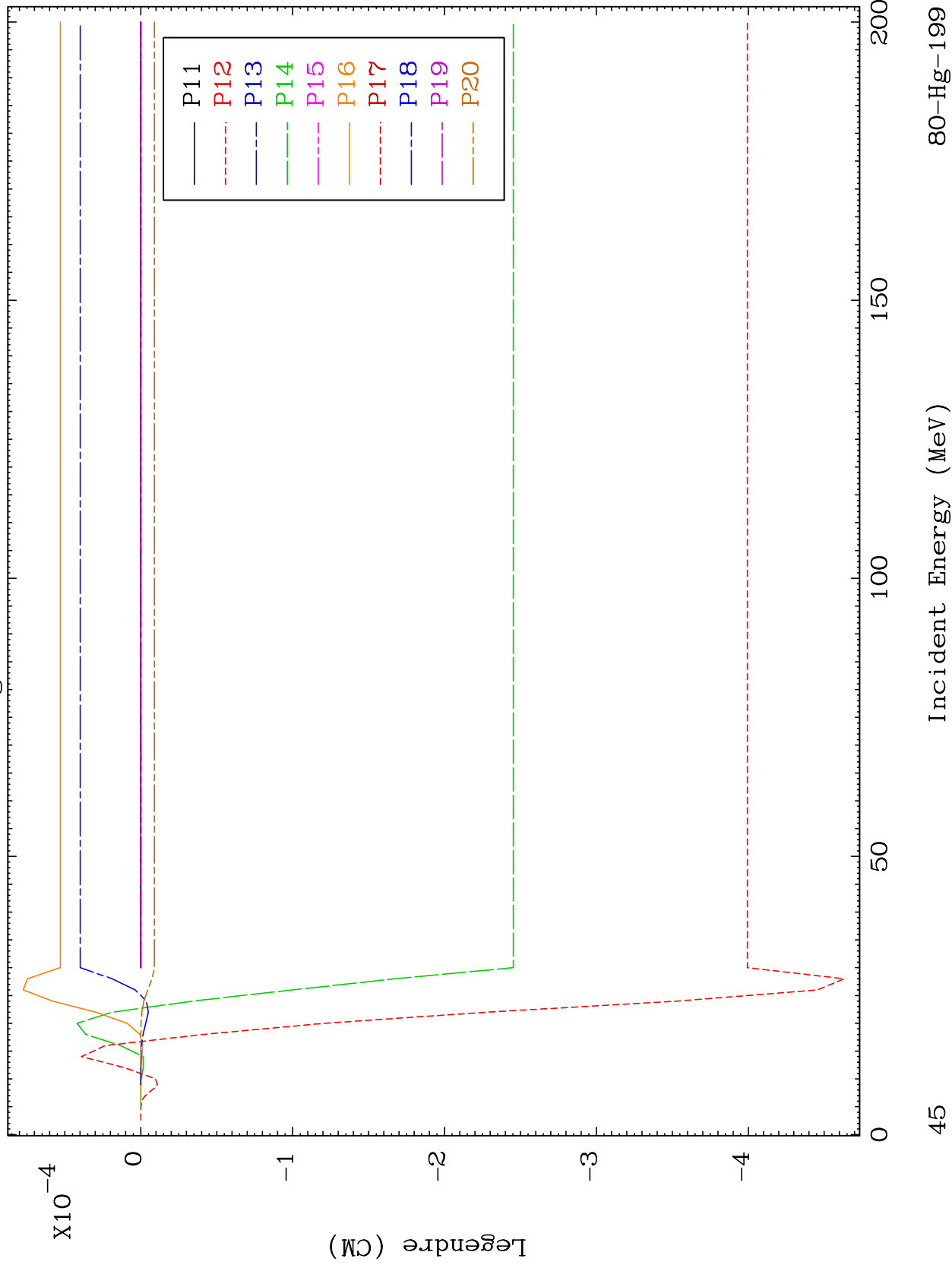
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

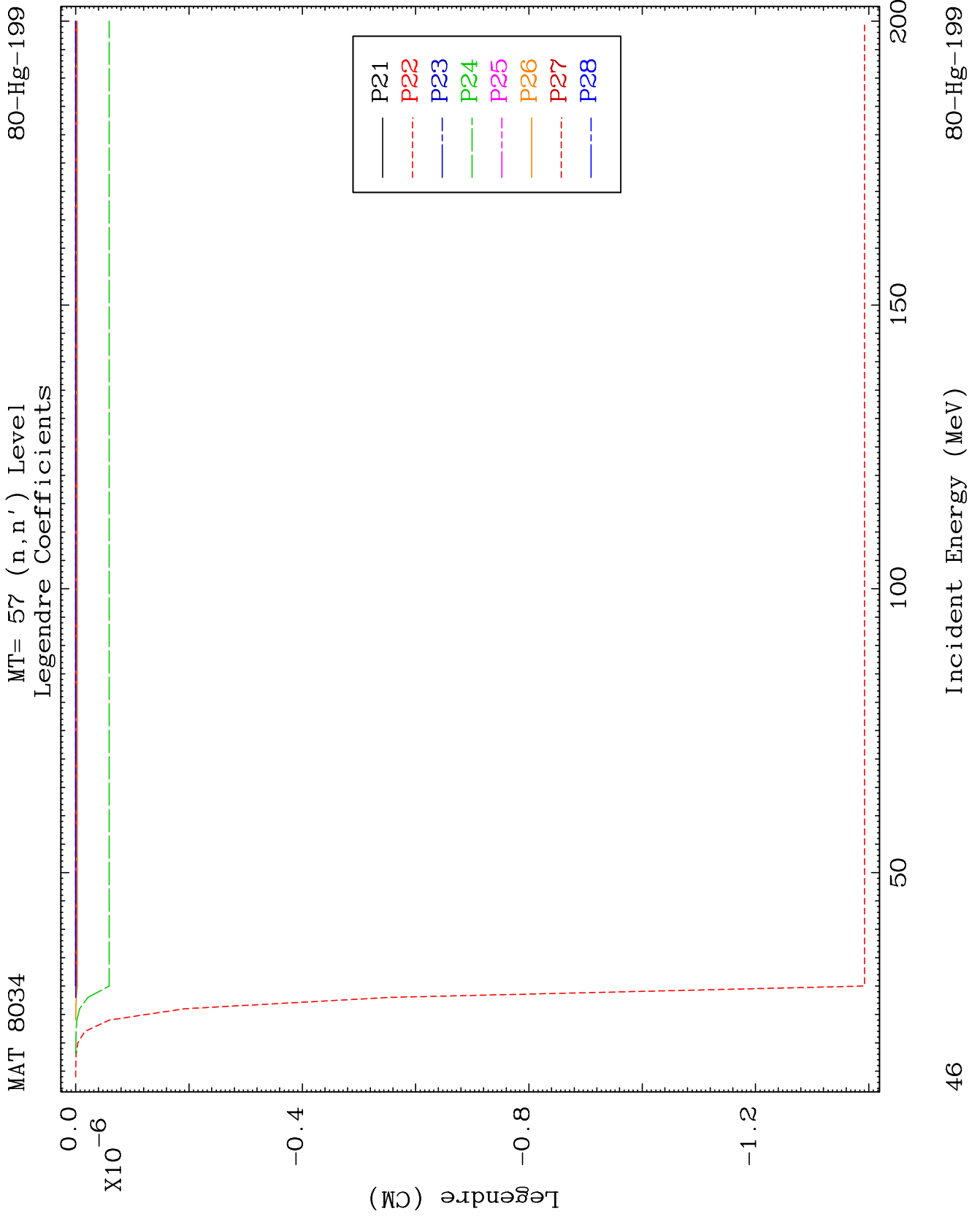
80-Hg-199



80-Hg-199

Incident Energy (MeV)

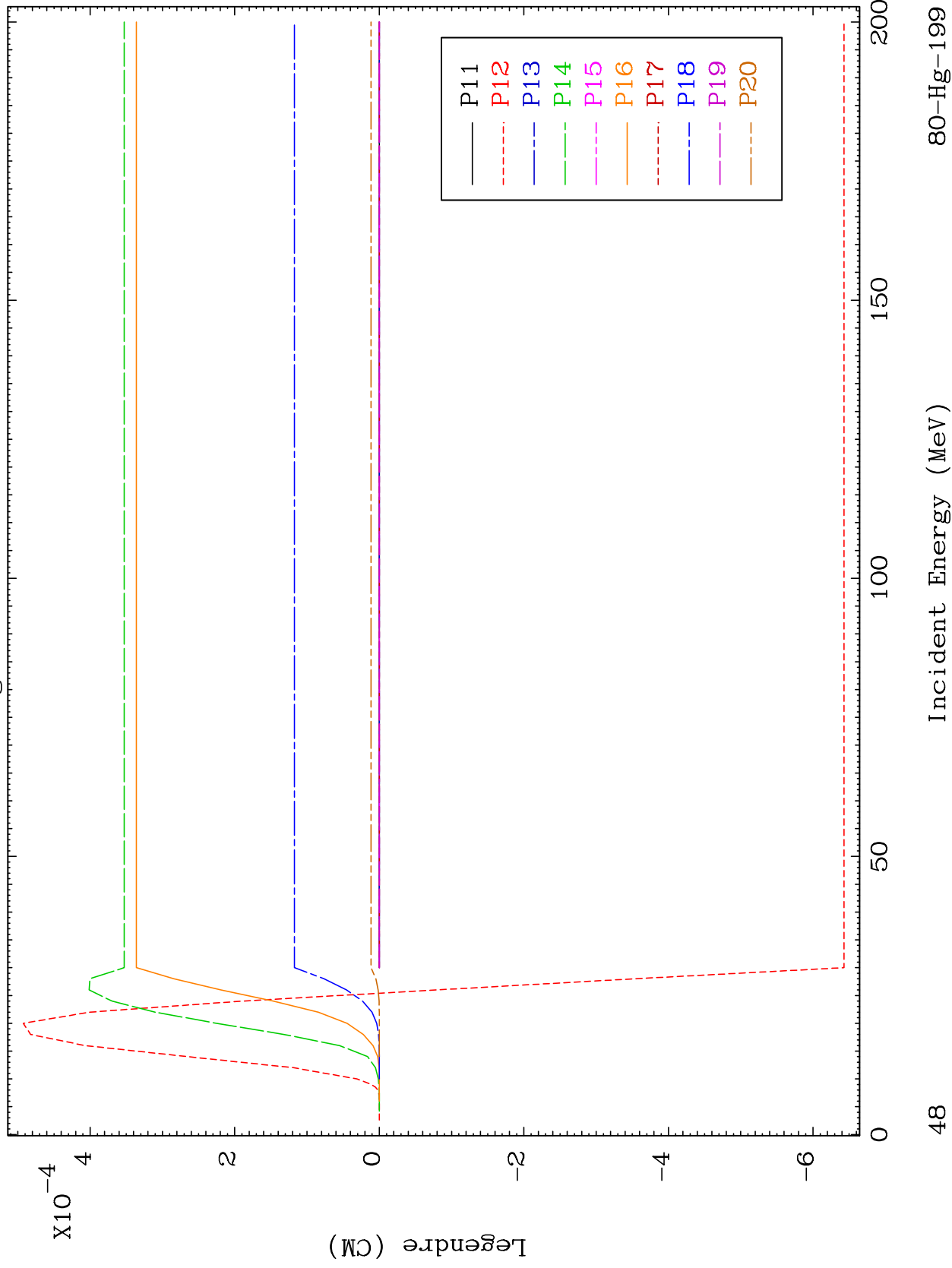
45



MAT 8034

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

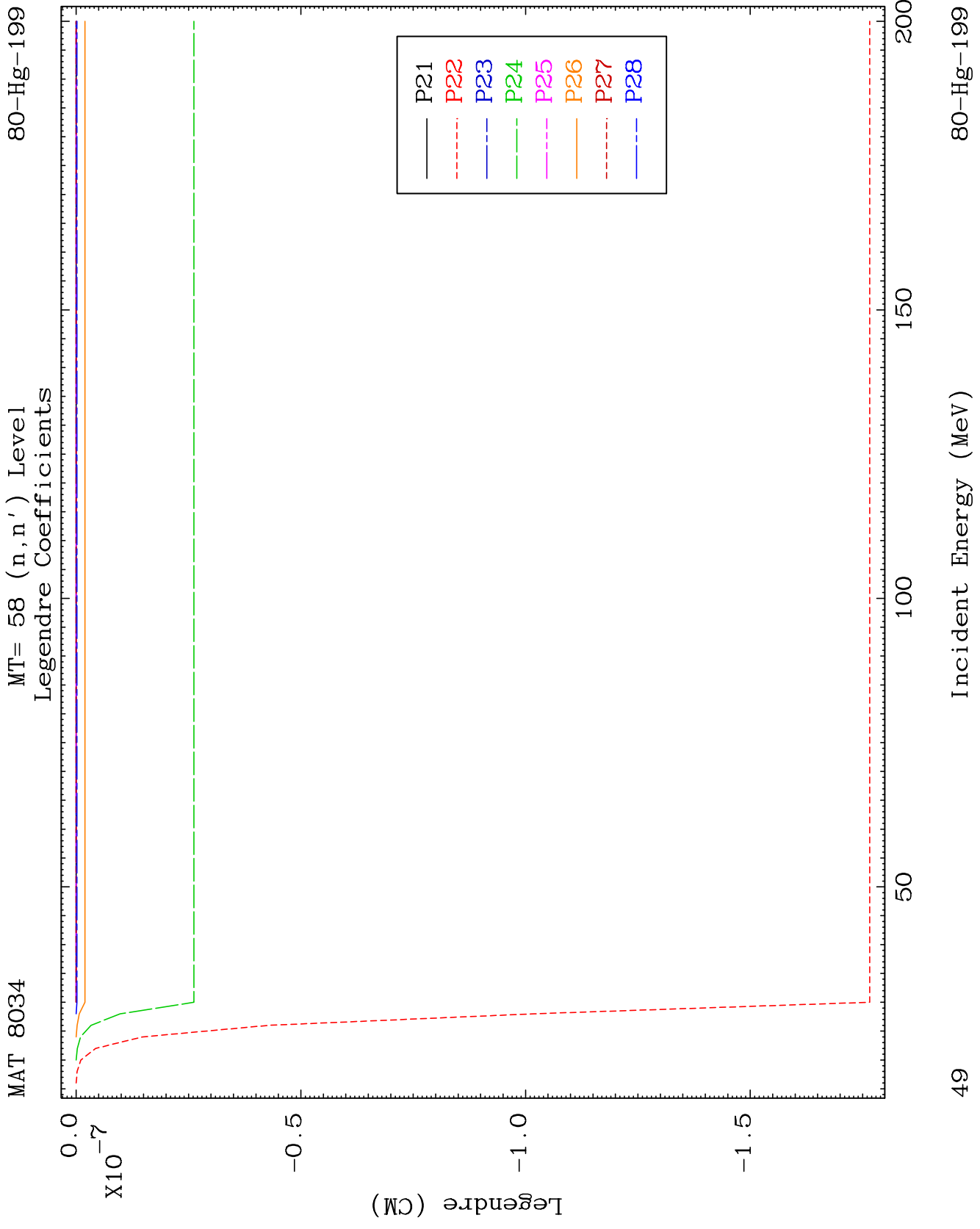
80-Hg-199

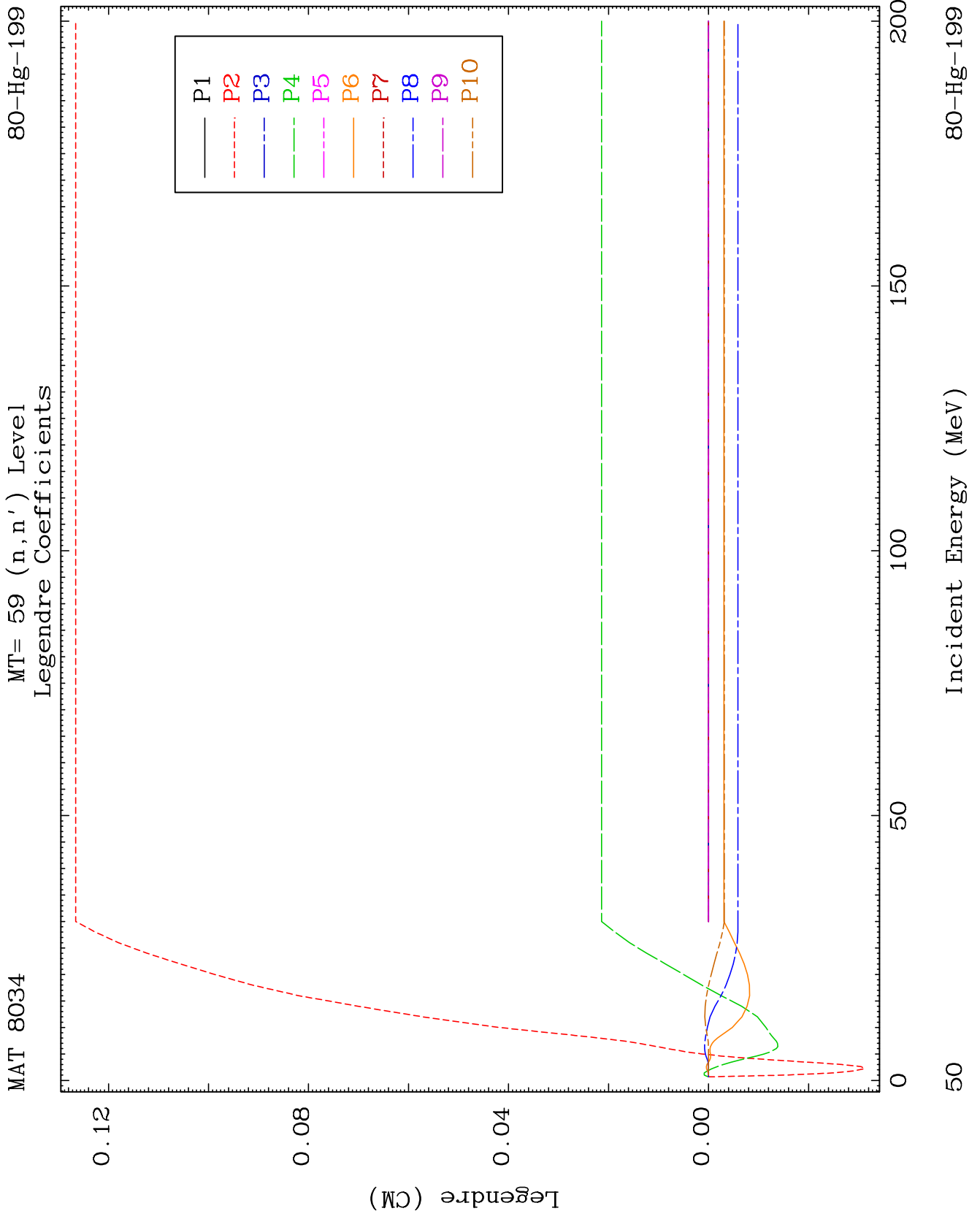


48

Incident Energy (MeV)

80-Hg-199

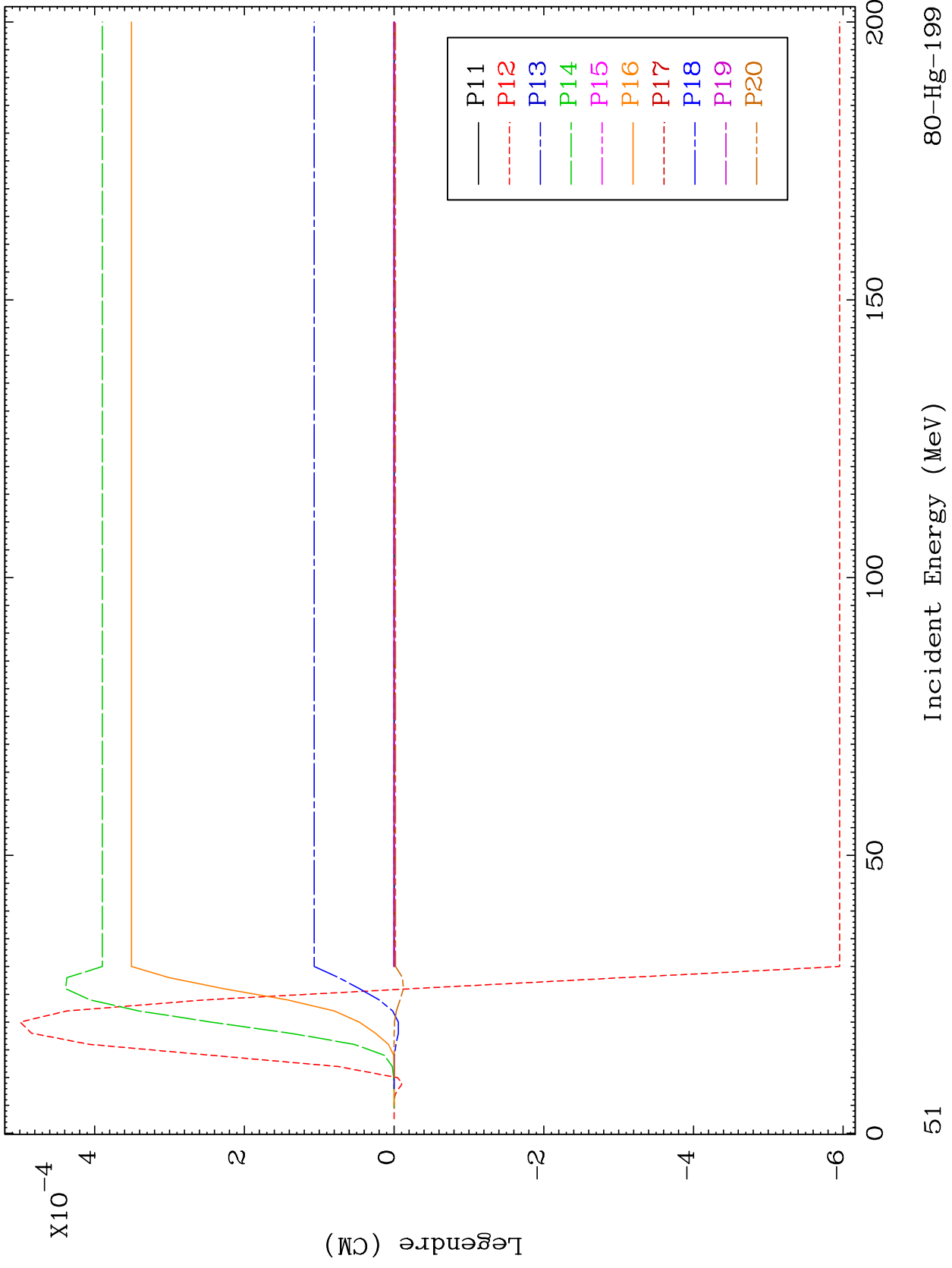




MAT 8034

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

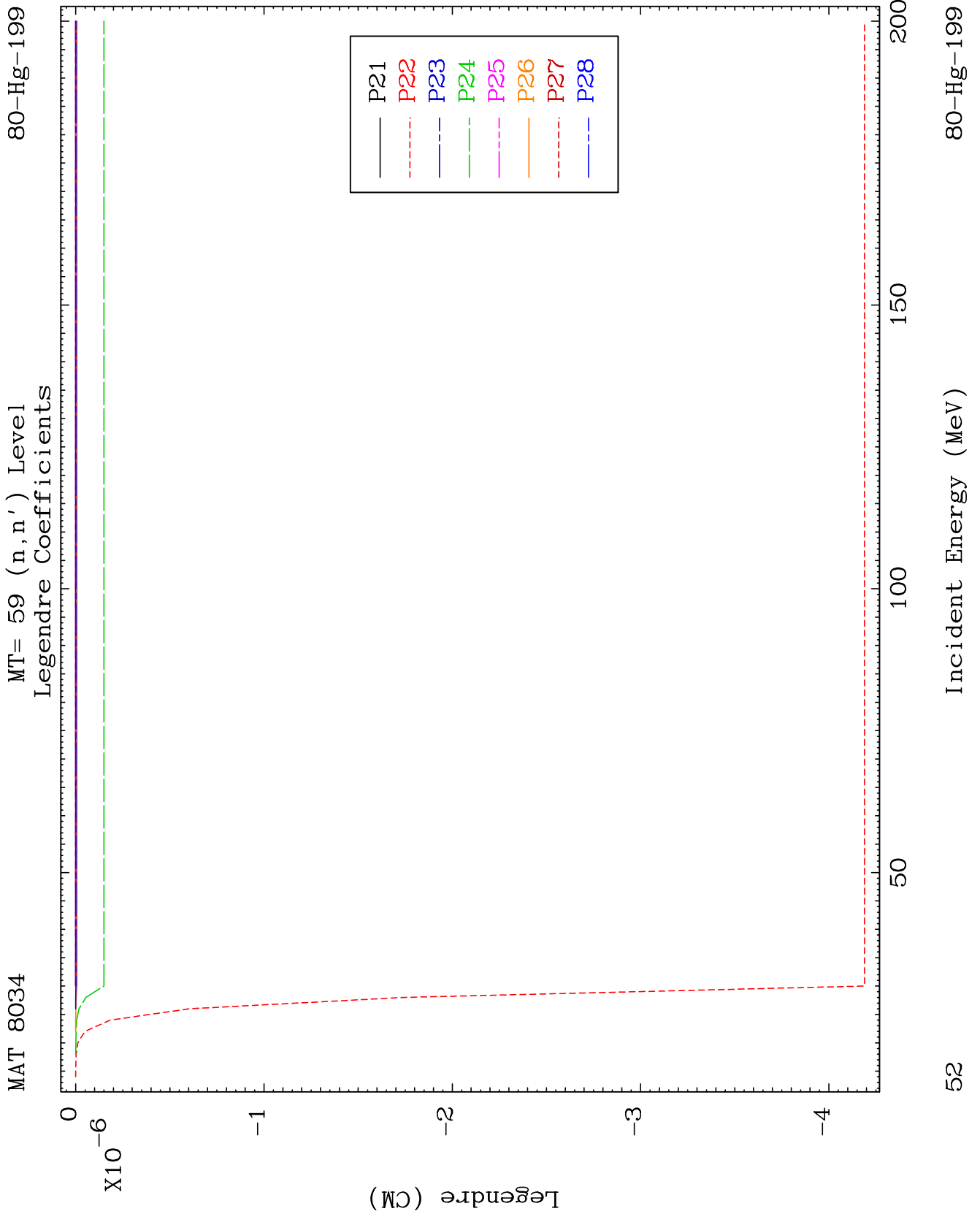
80-Hg-199



51

Incident Energy (MeV)

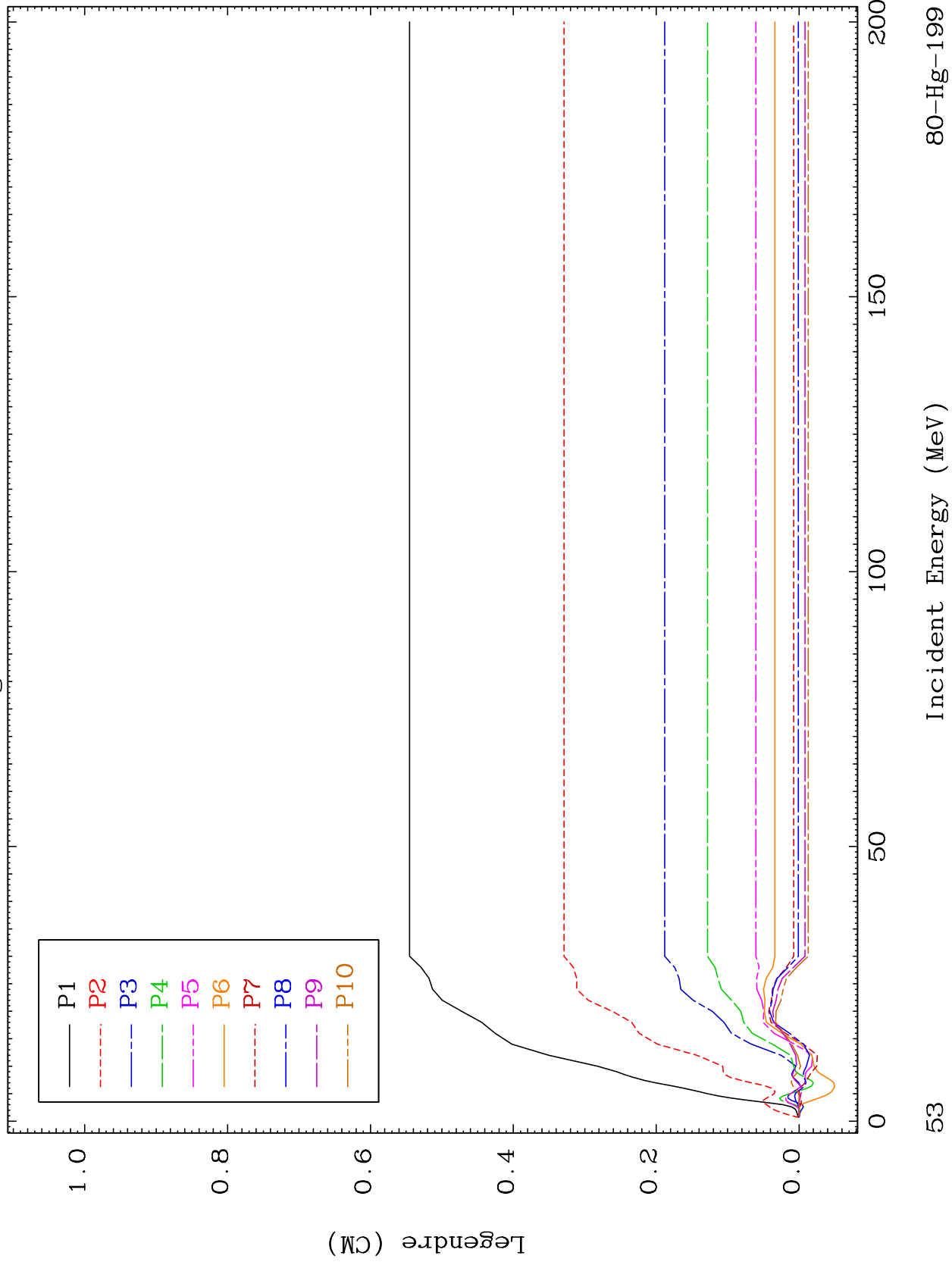
80-Hg-199



MAT 8034

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

80-Hg-199

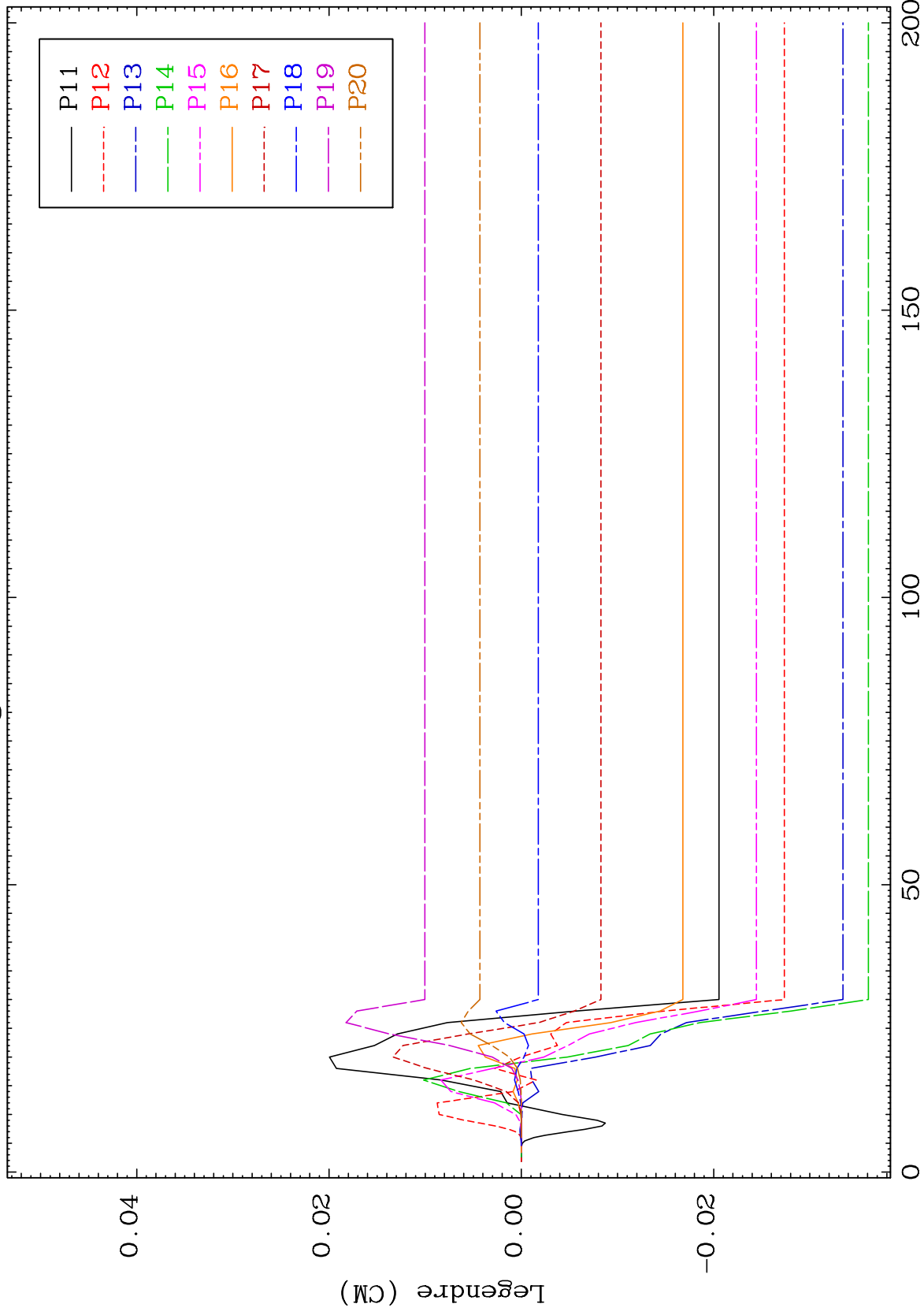


53

MAT 8034

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

80-Hg-199



54

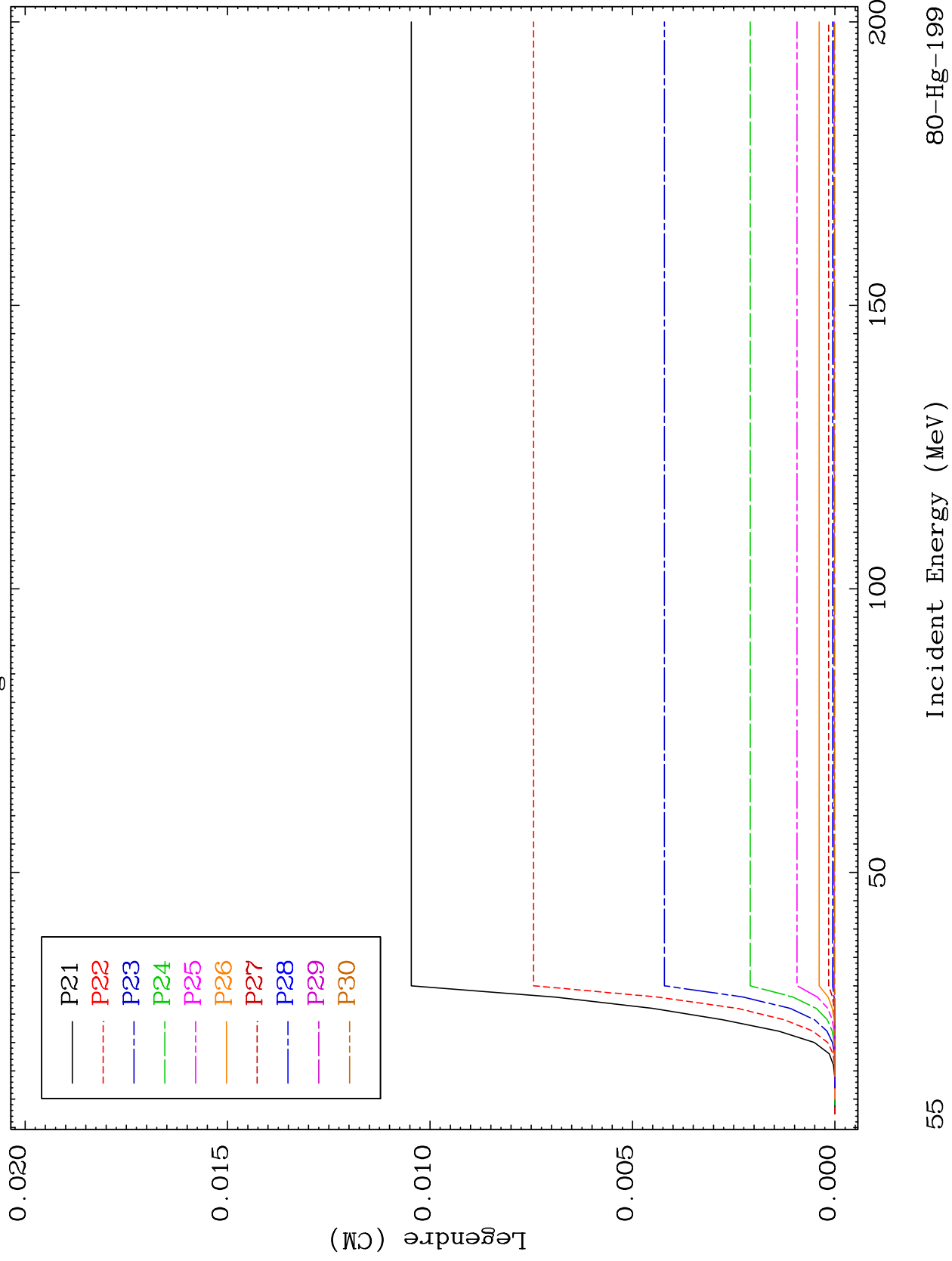
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

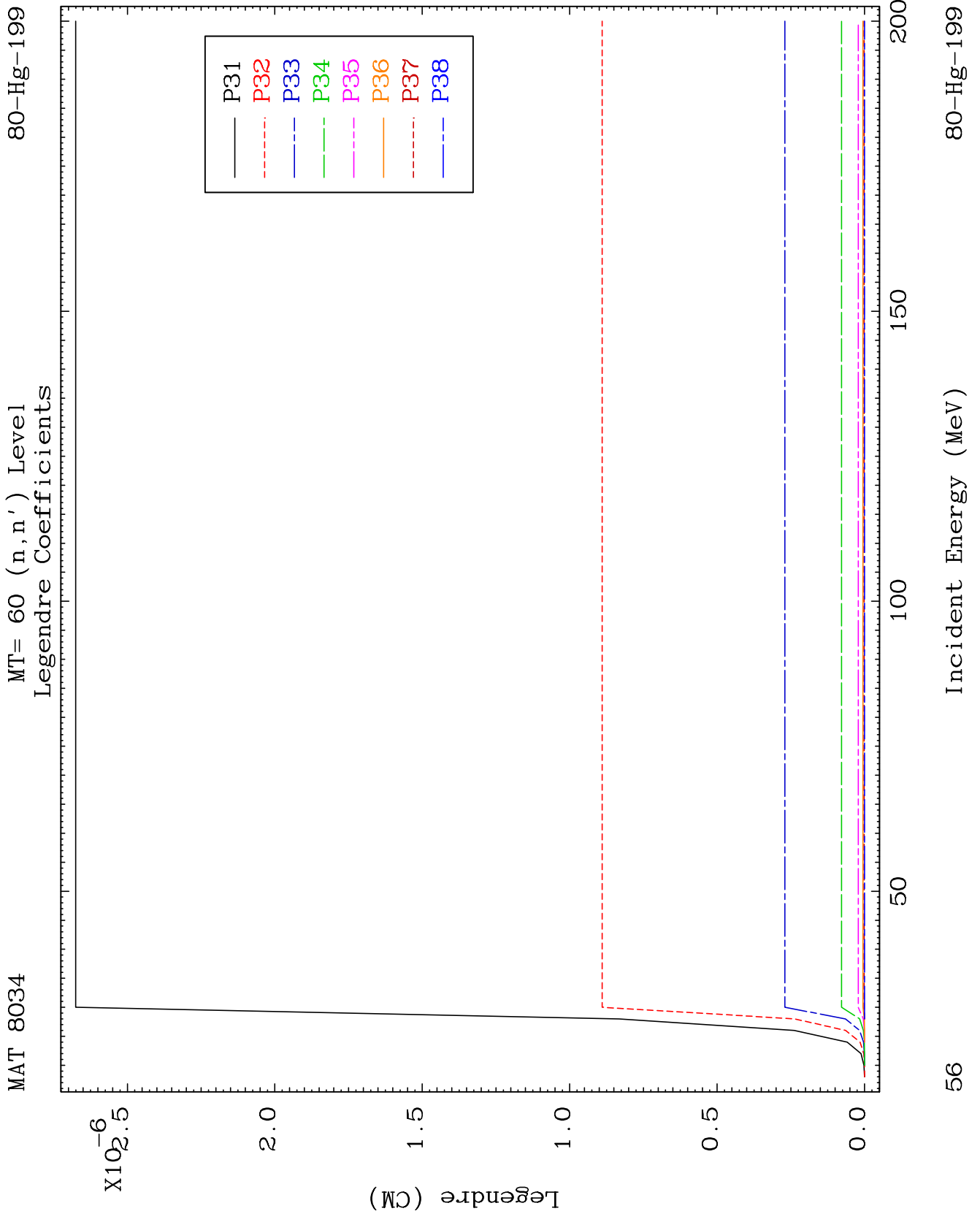
80-Hg-199



55

Incident Energy (MeV)

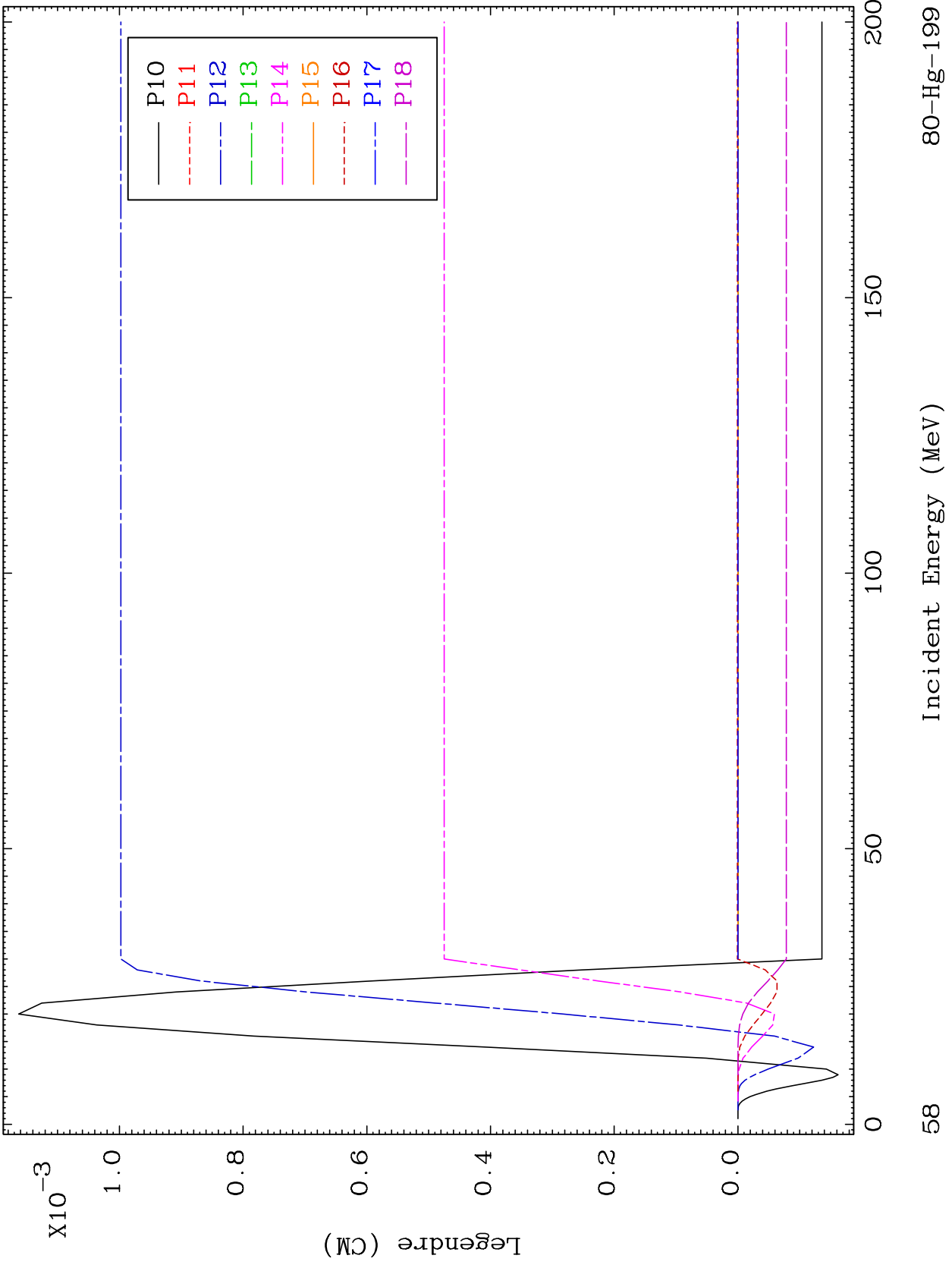
80-Hg-199

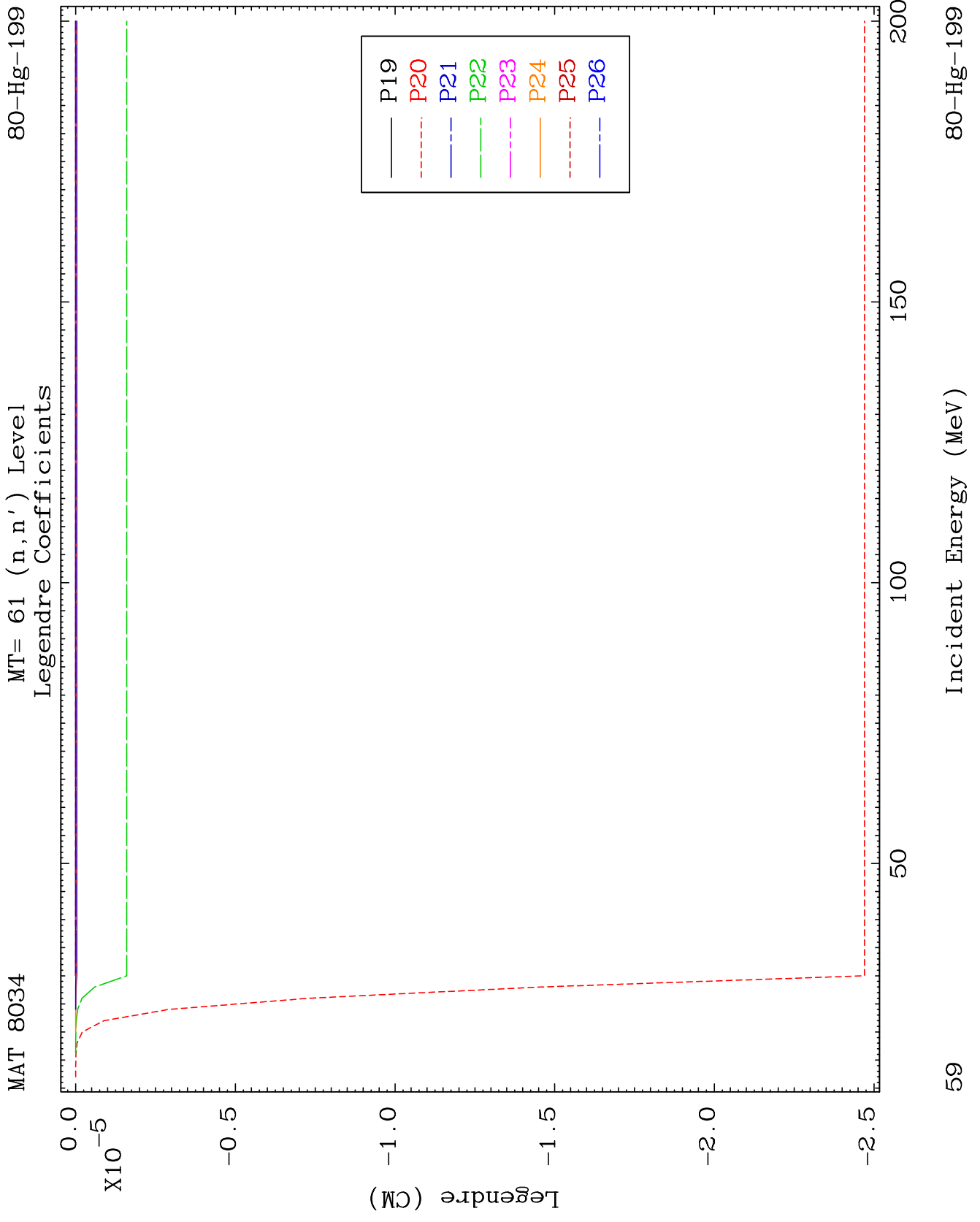


MAT 8034

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

80-Hg-199

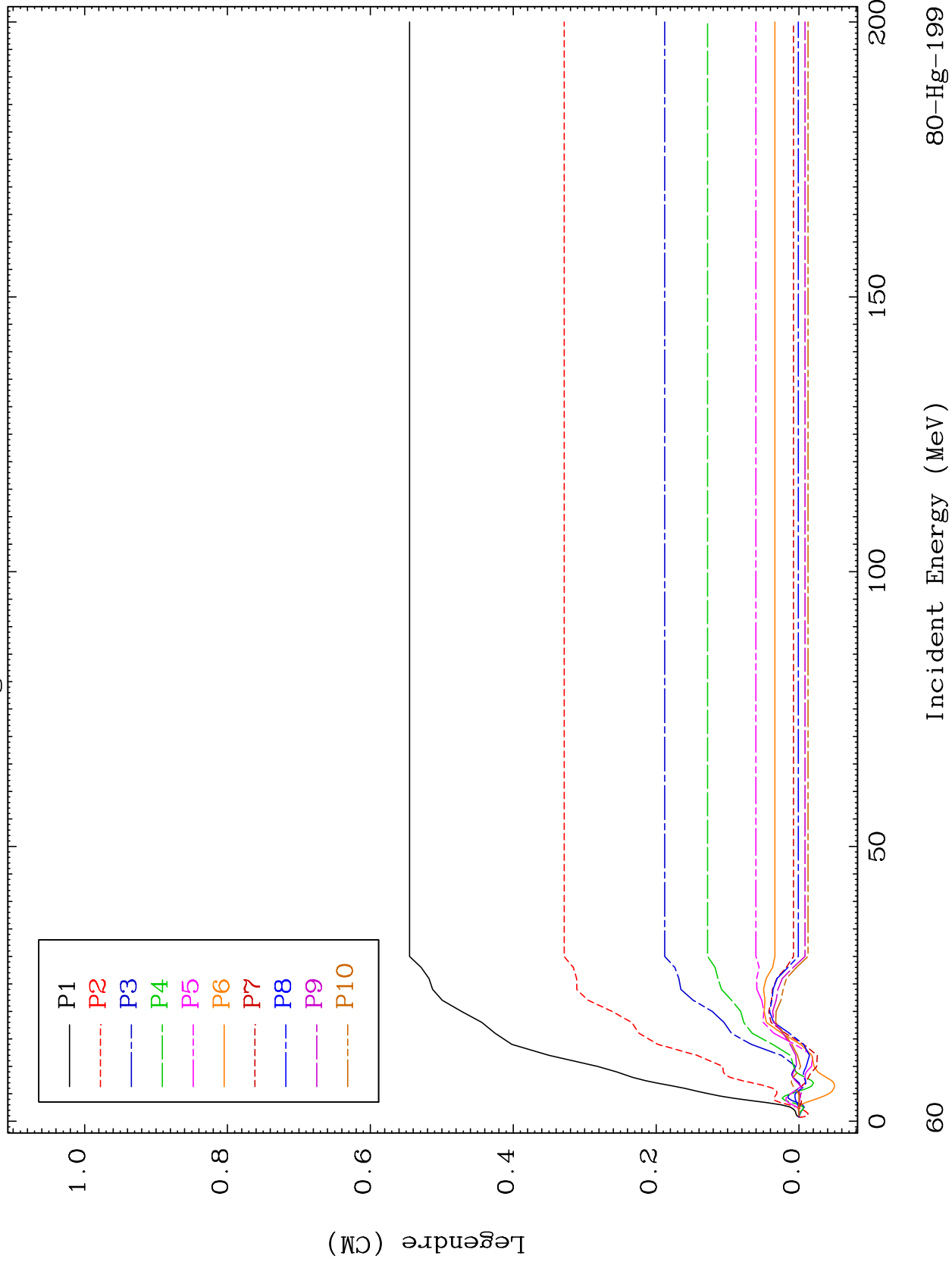




MAT 8034

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

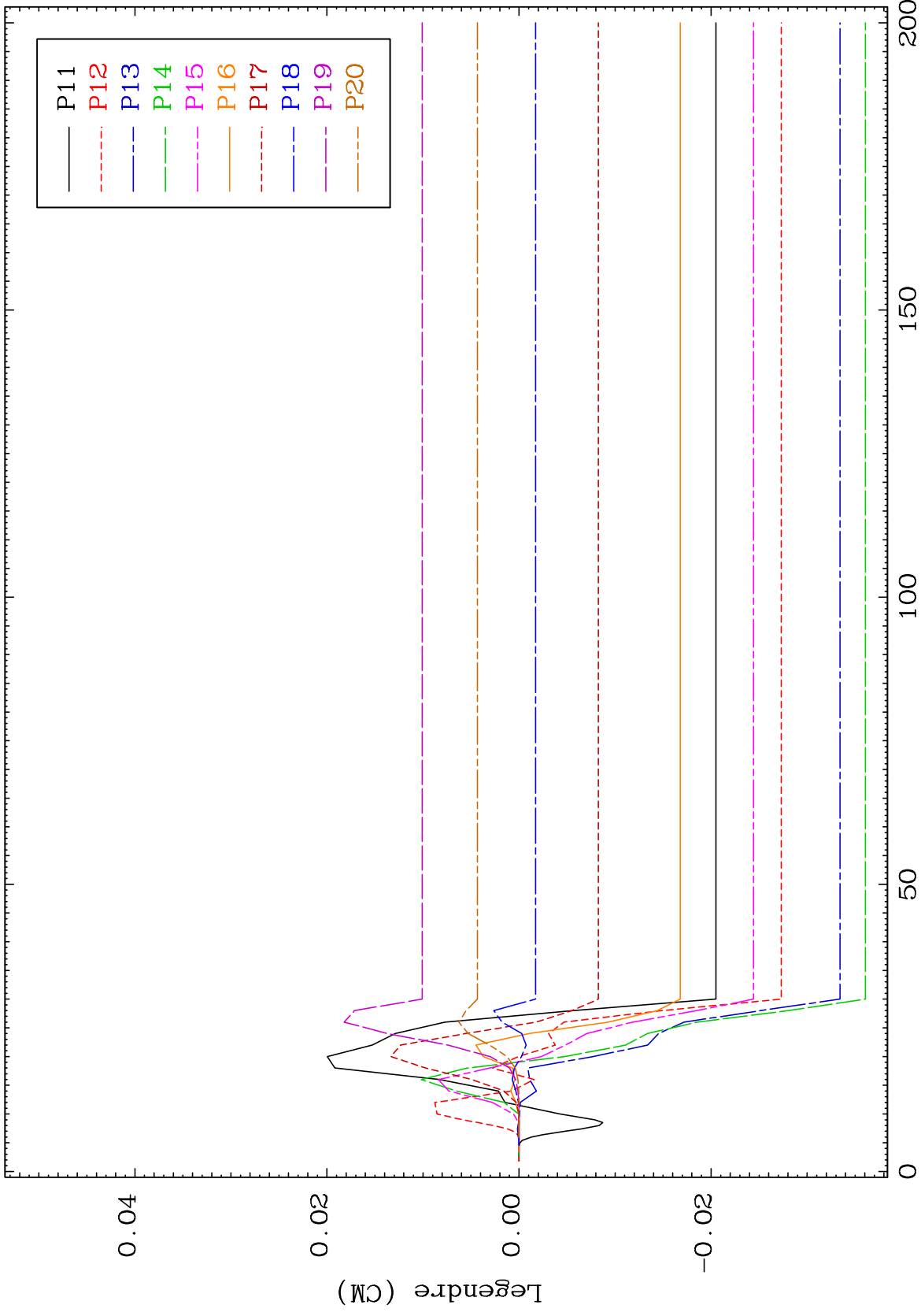
80-Hg-199



MAT 8034

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

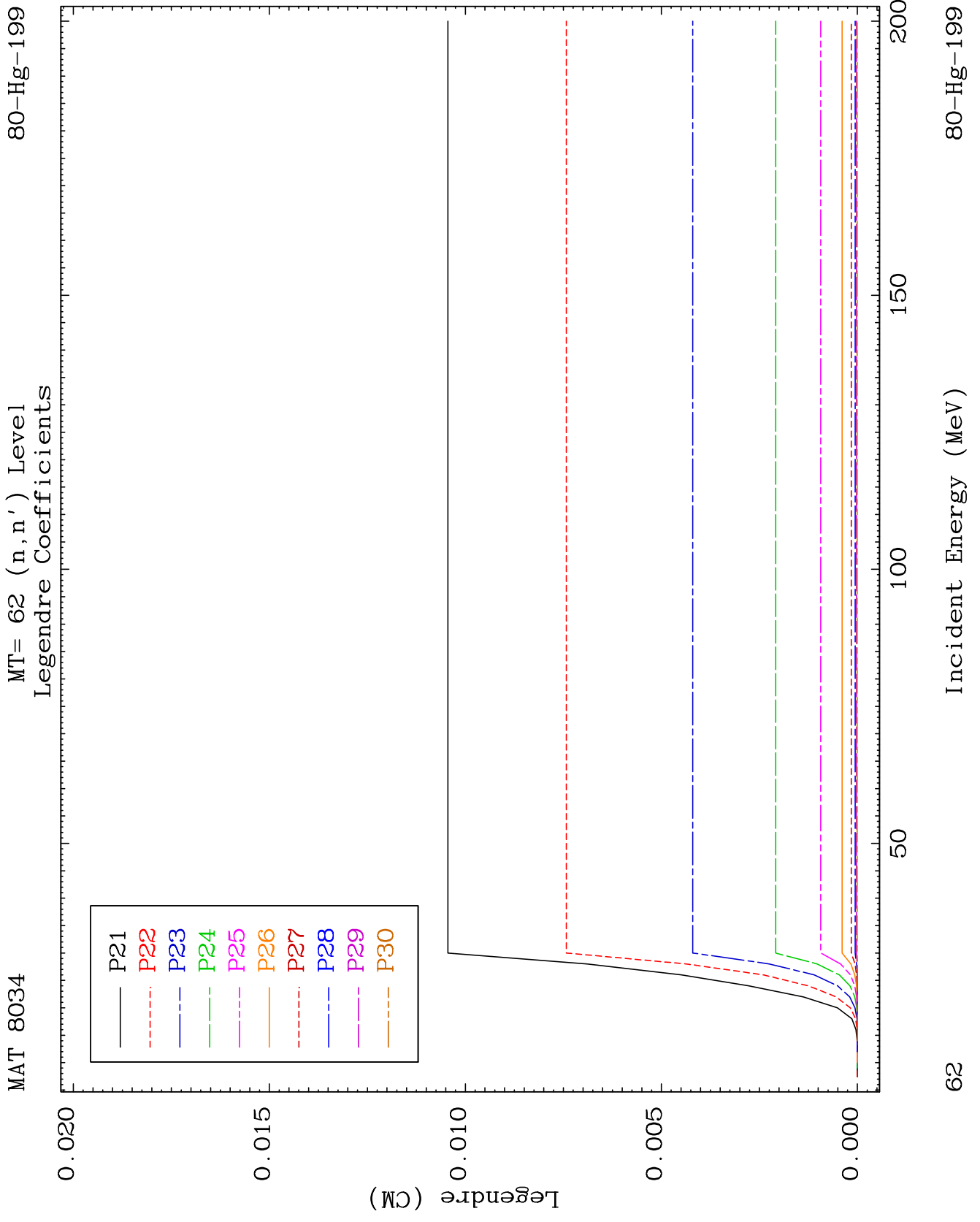
80-Hg-199

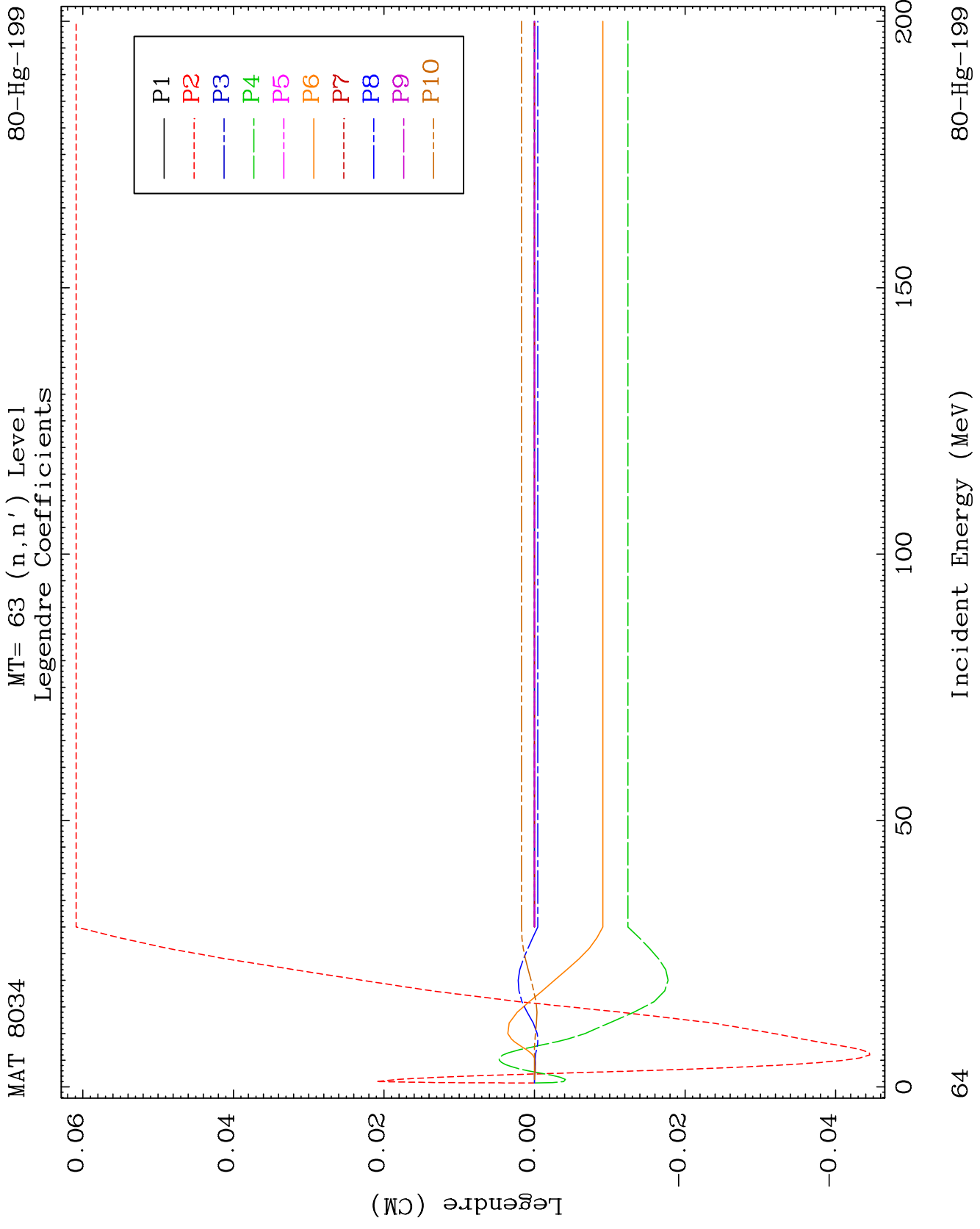


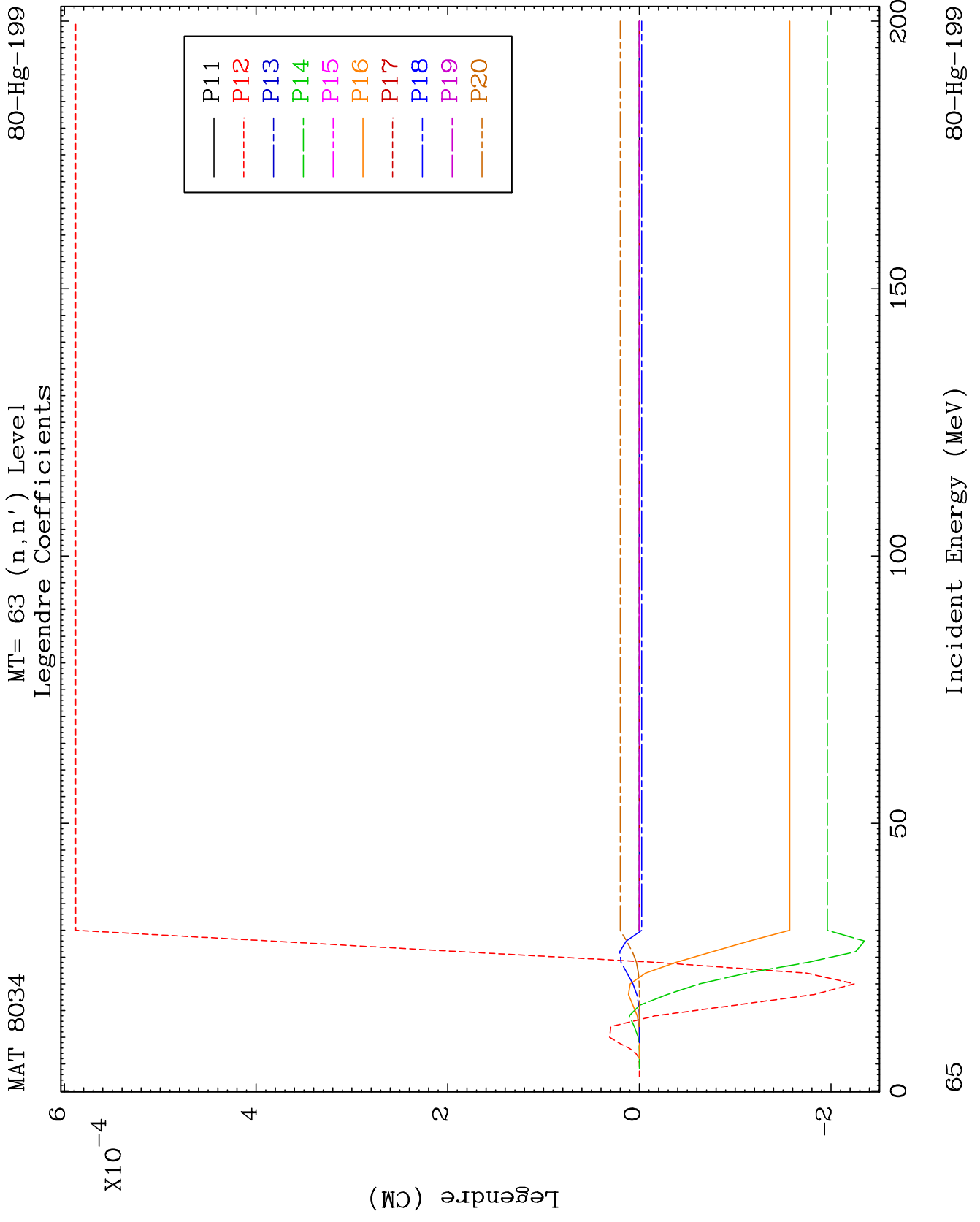
61

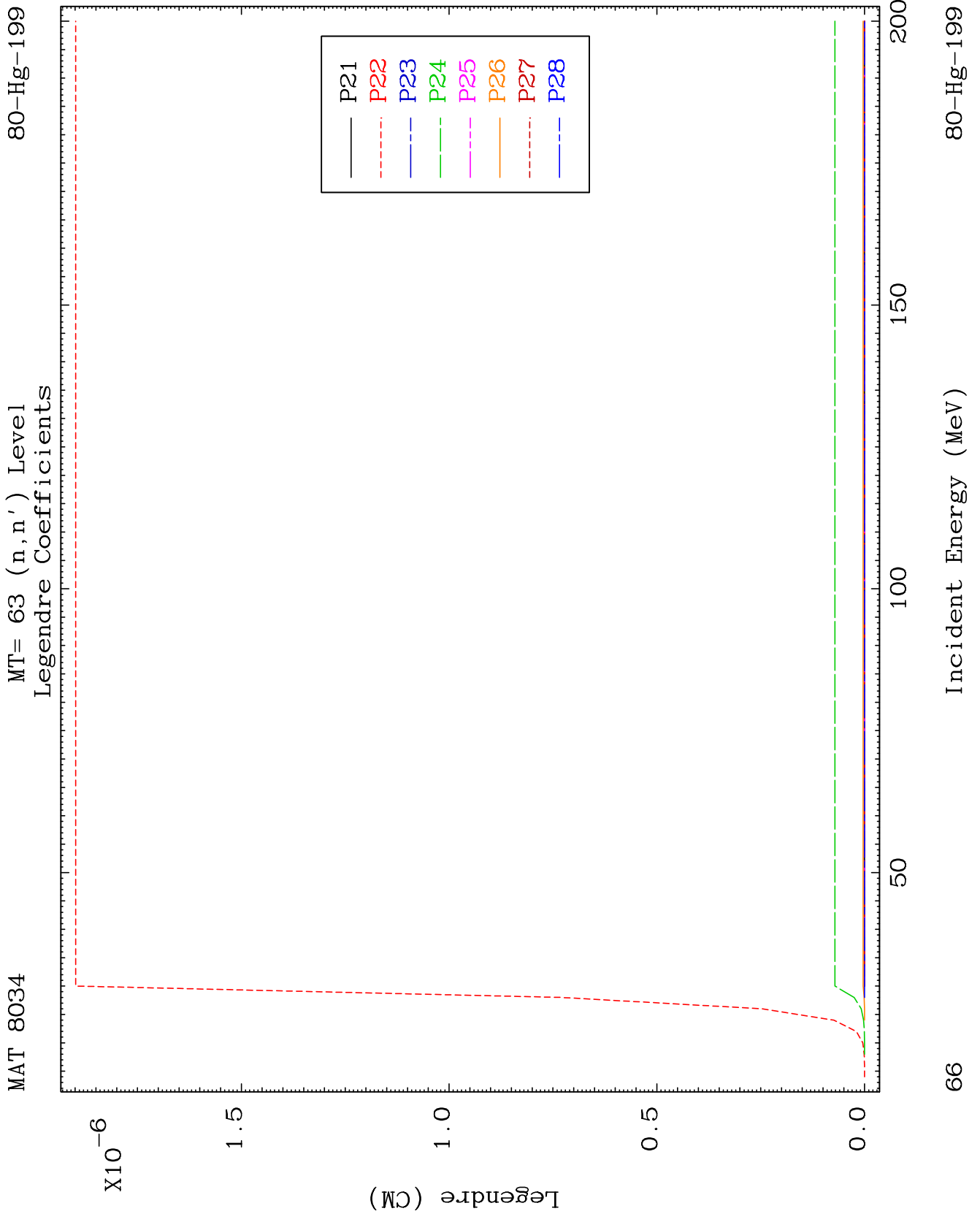
Incident Energy (MeV)

80-Hg-199





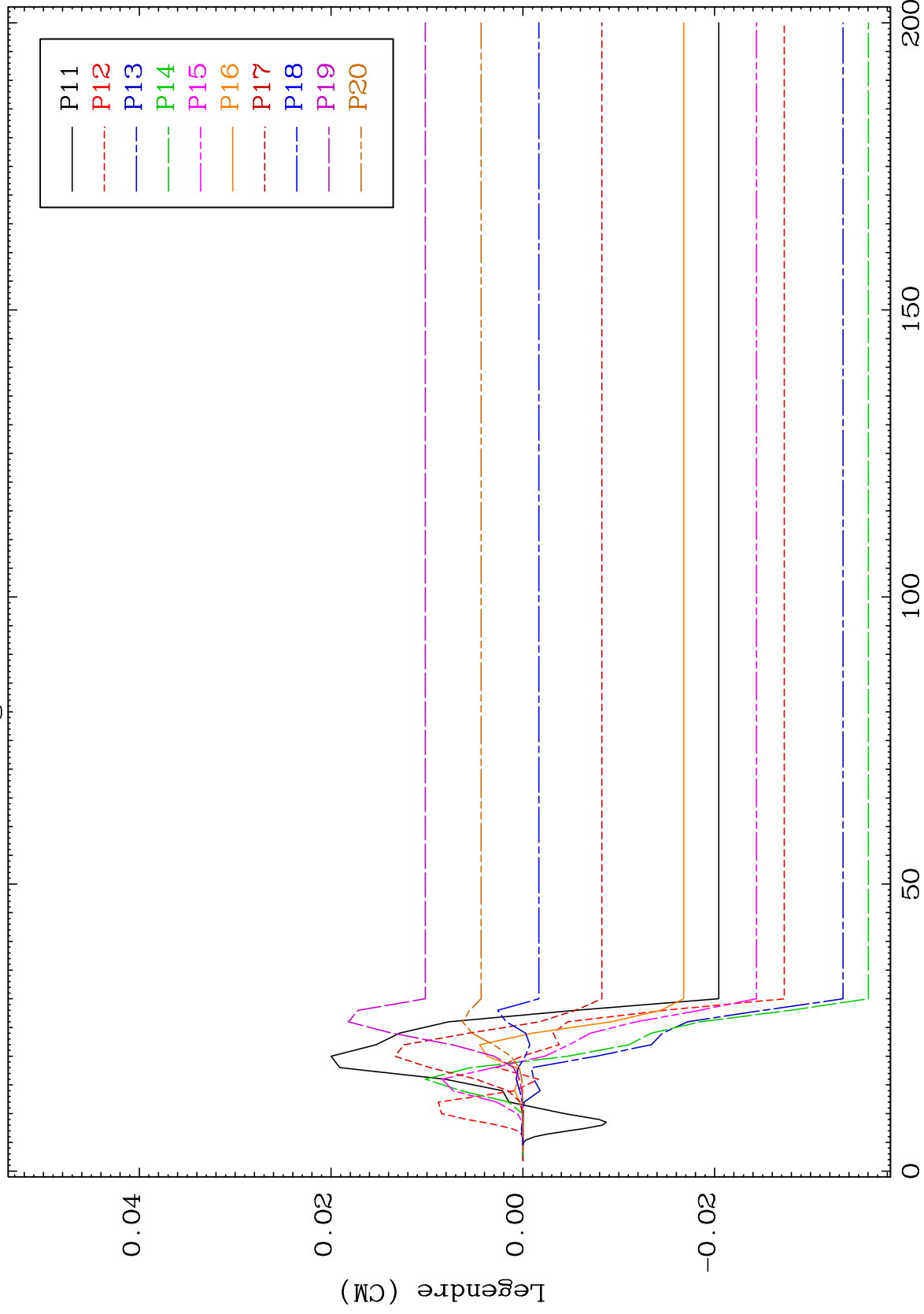




MAT 8034

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

80-Hg-199



68

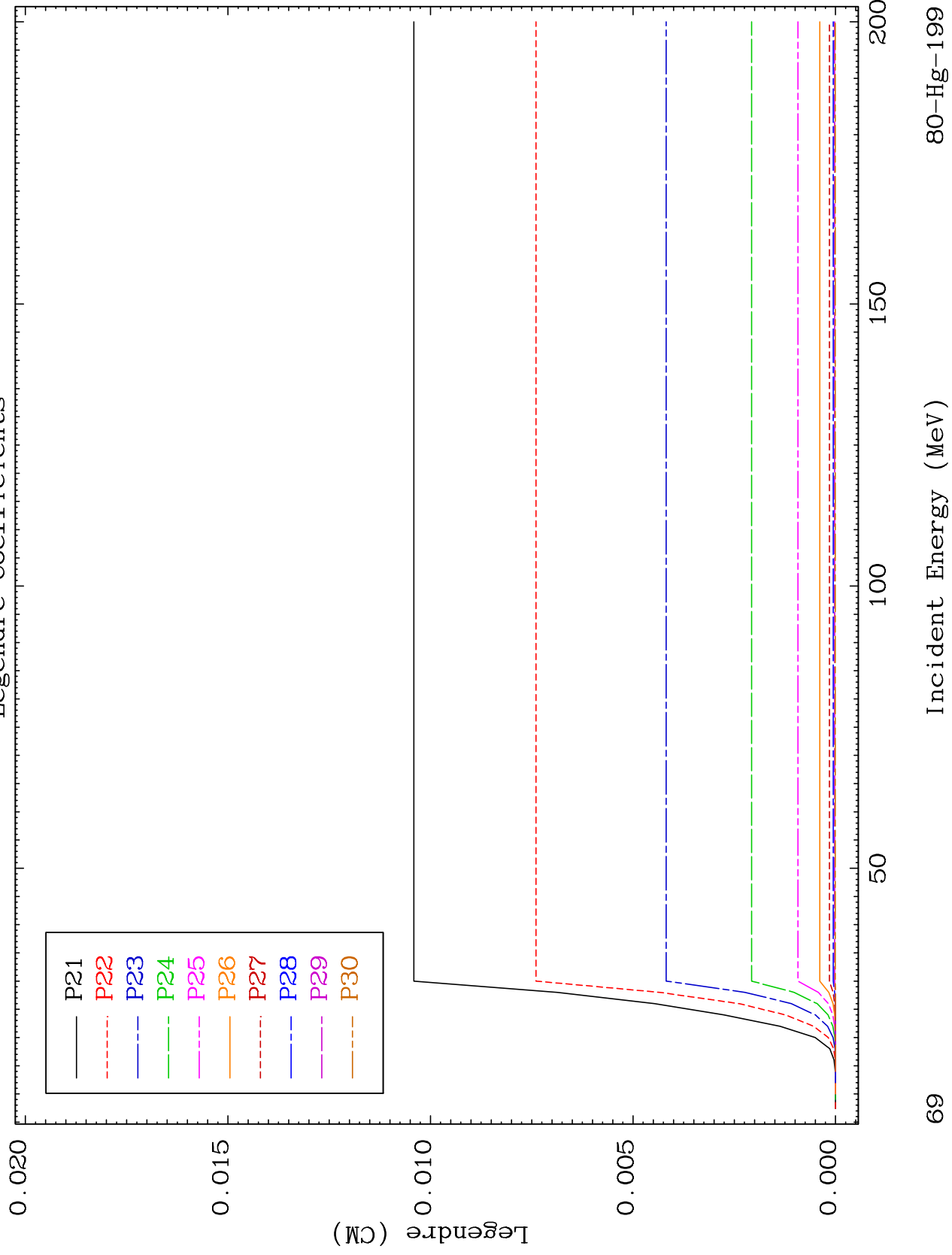
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



69

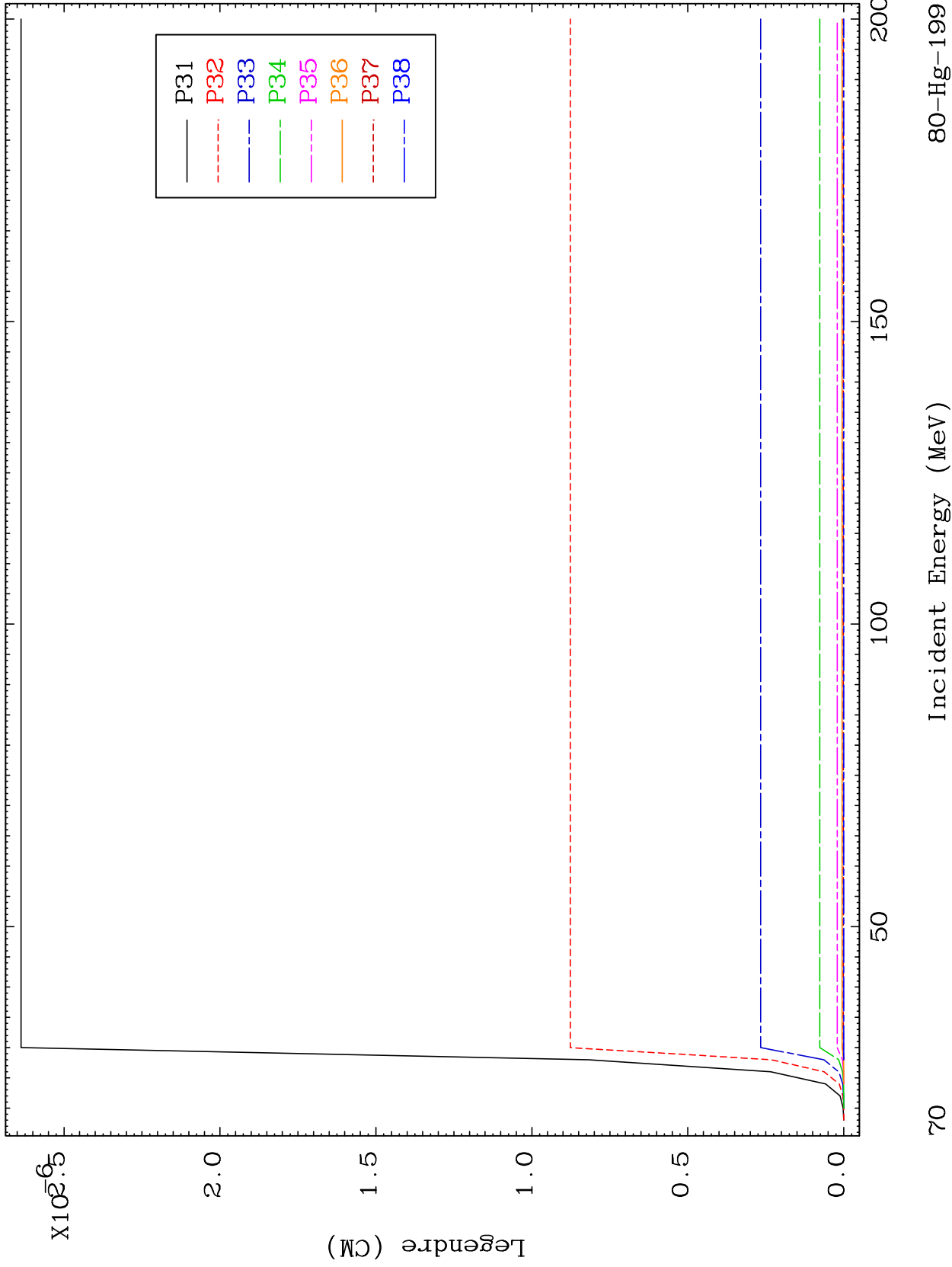
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

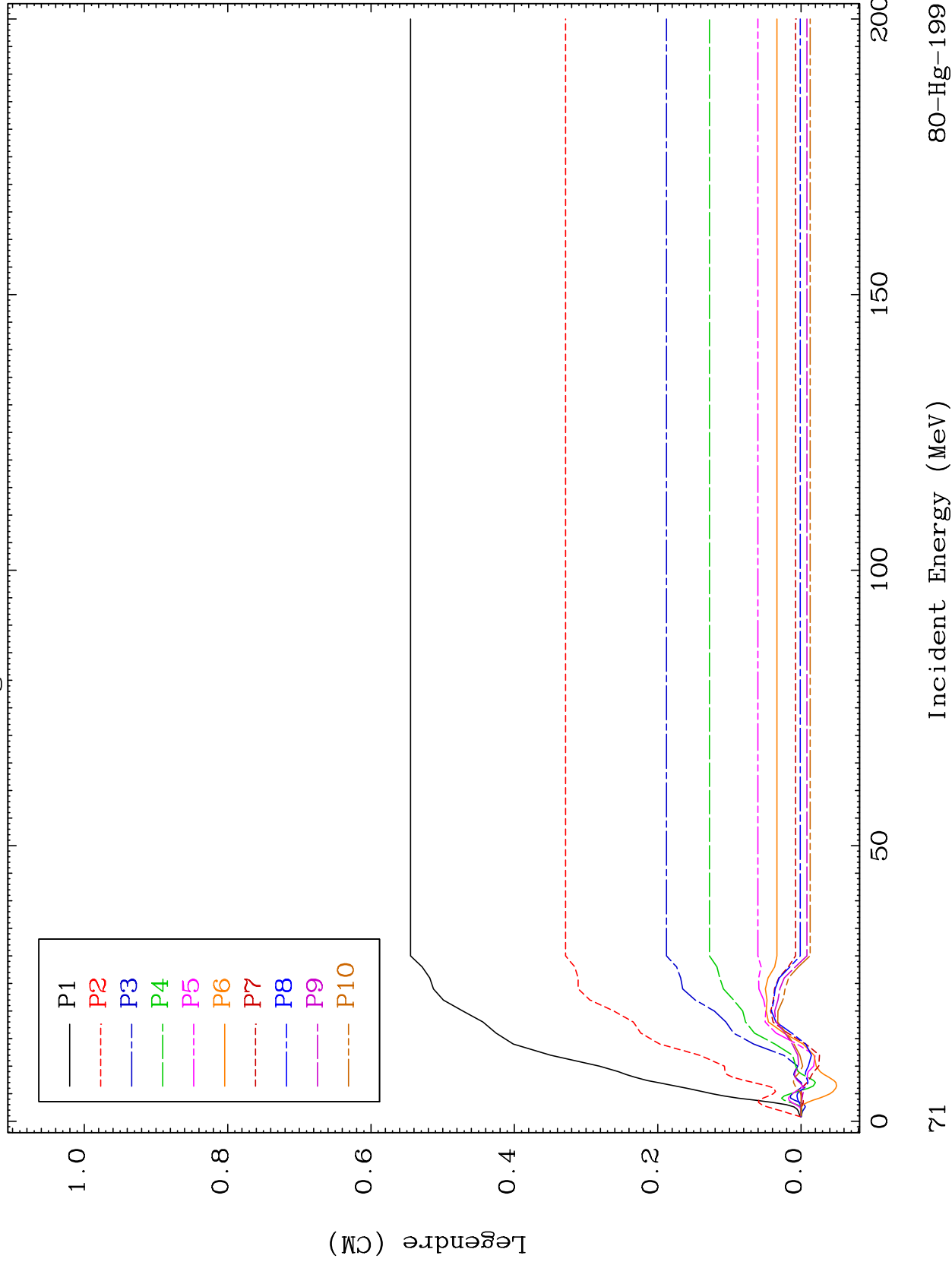
80-Hg-199



MAT 8034

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

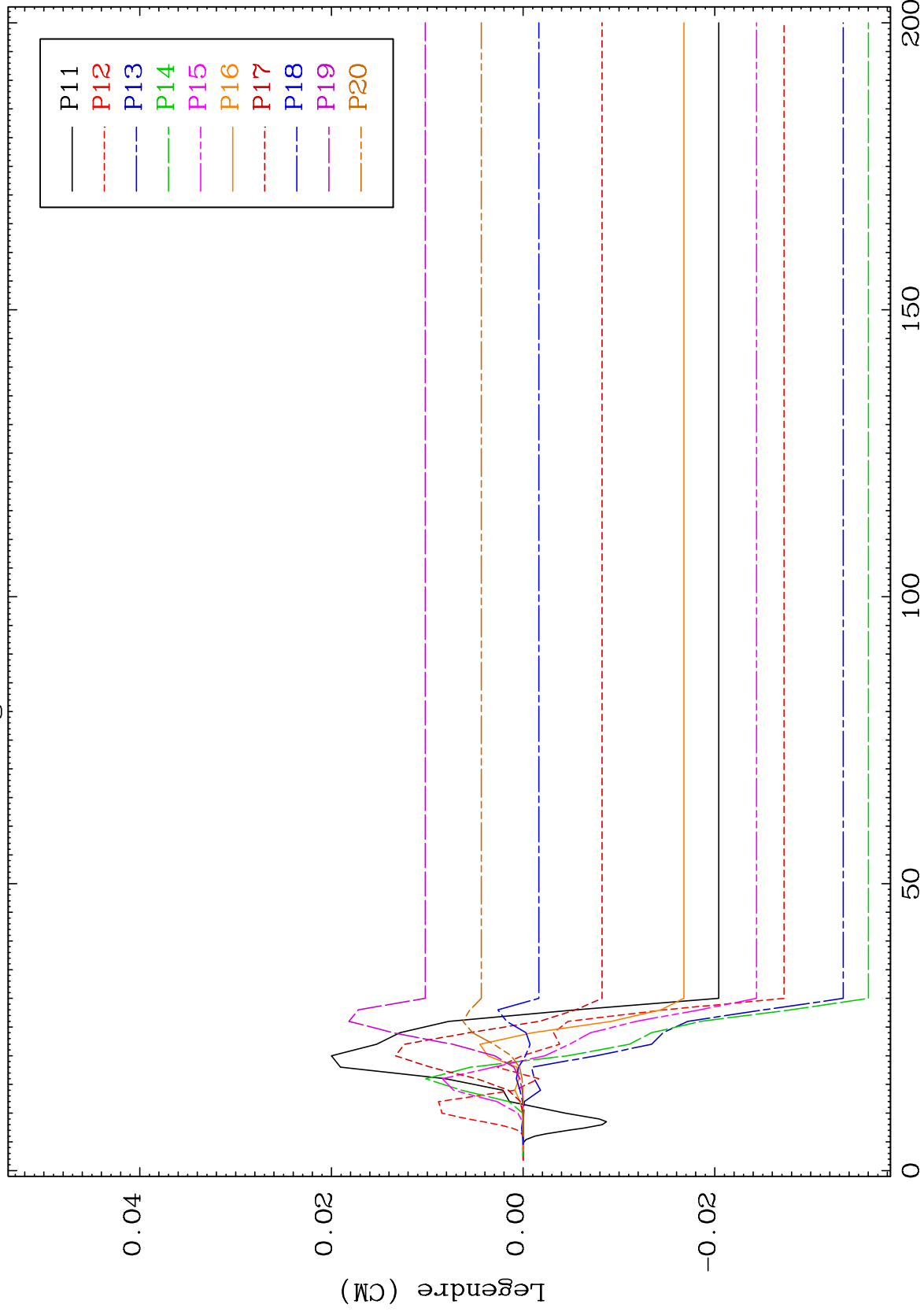
80-Hg-199



MAT 8034

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

80-Hg-199



72

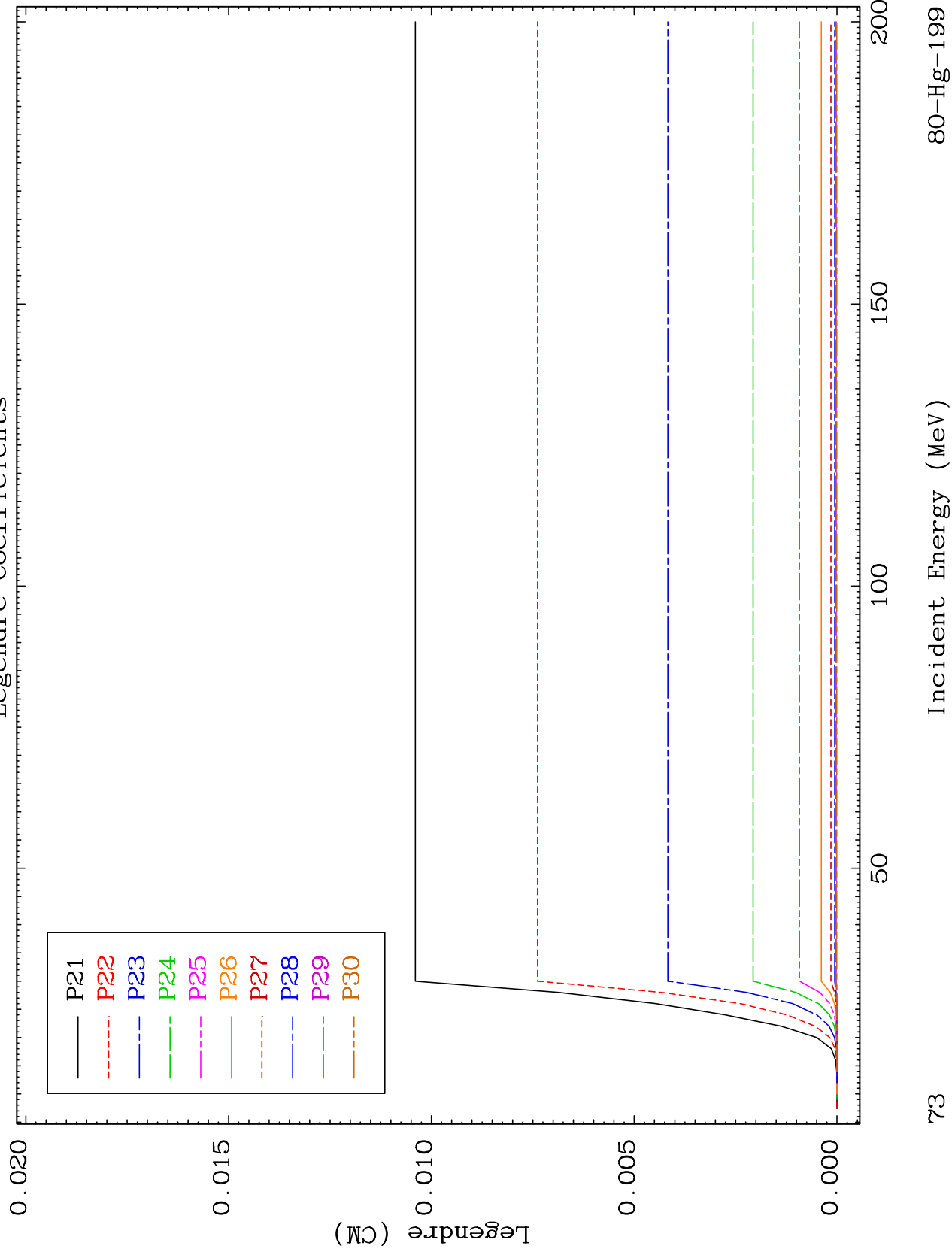
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



73

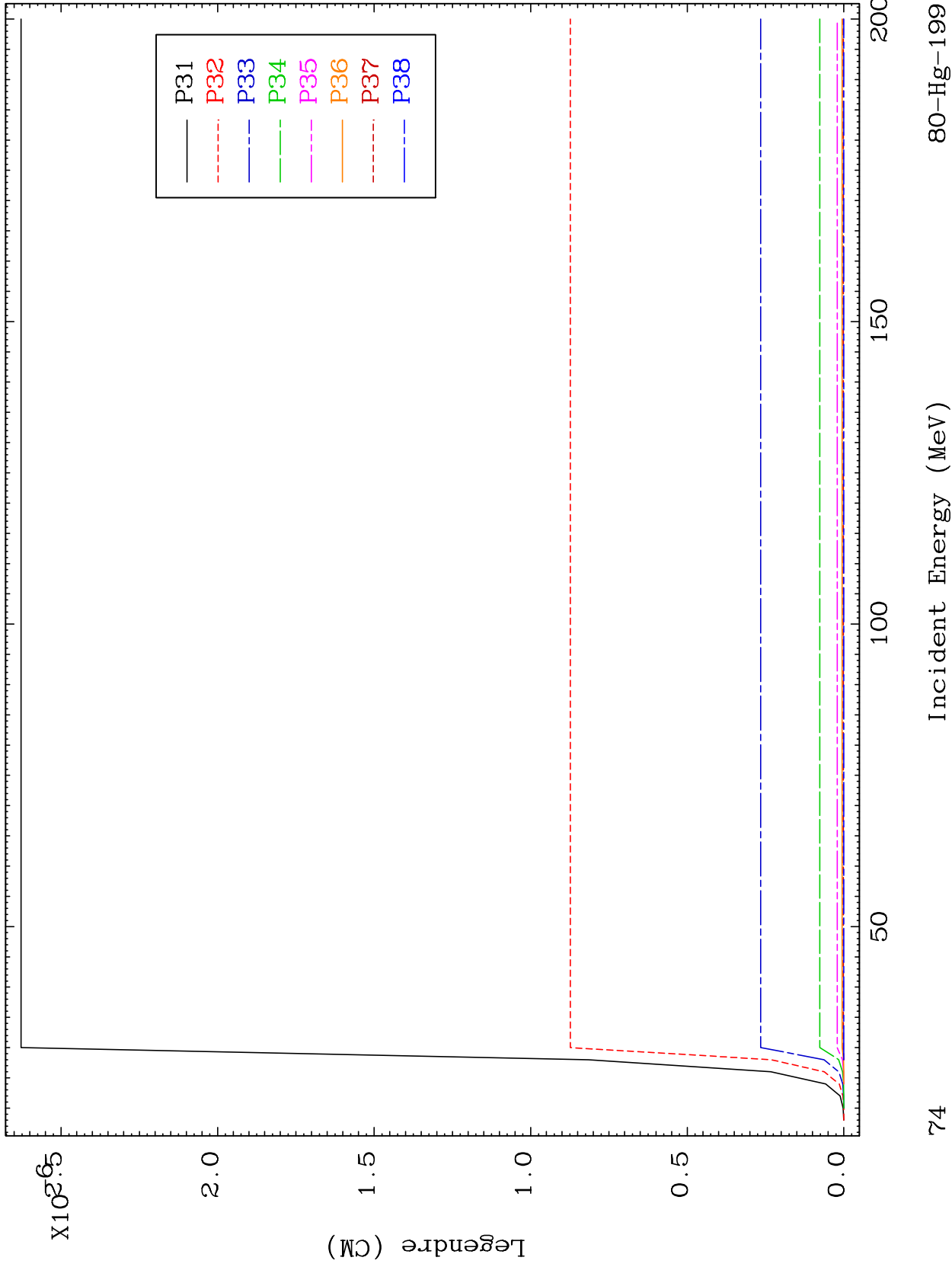
Incident Energy (MeV)

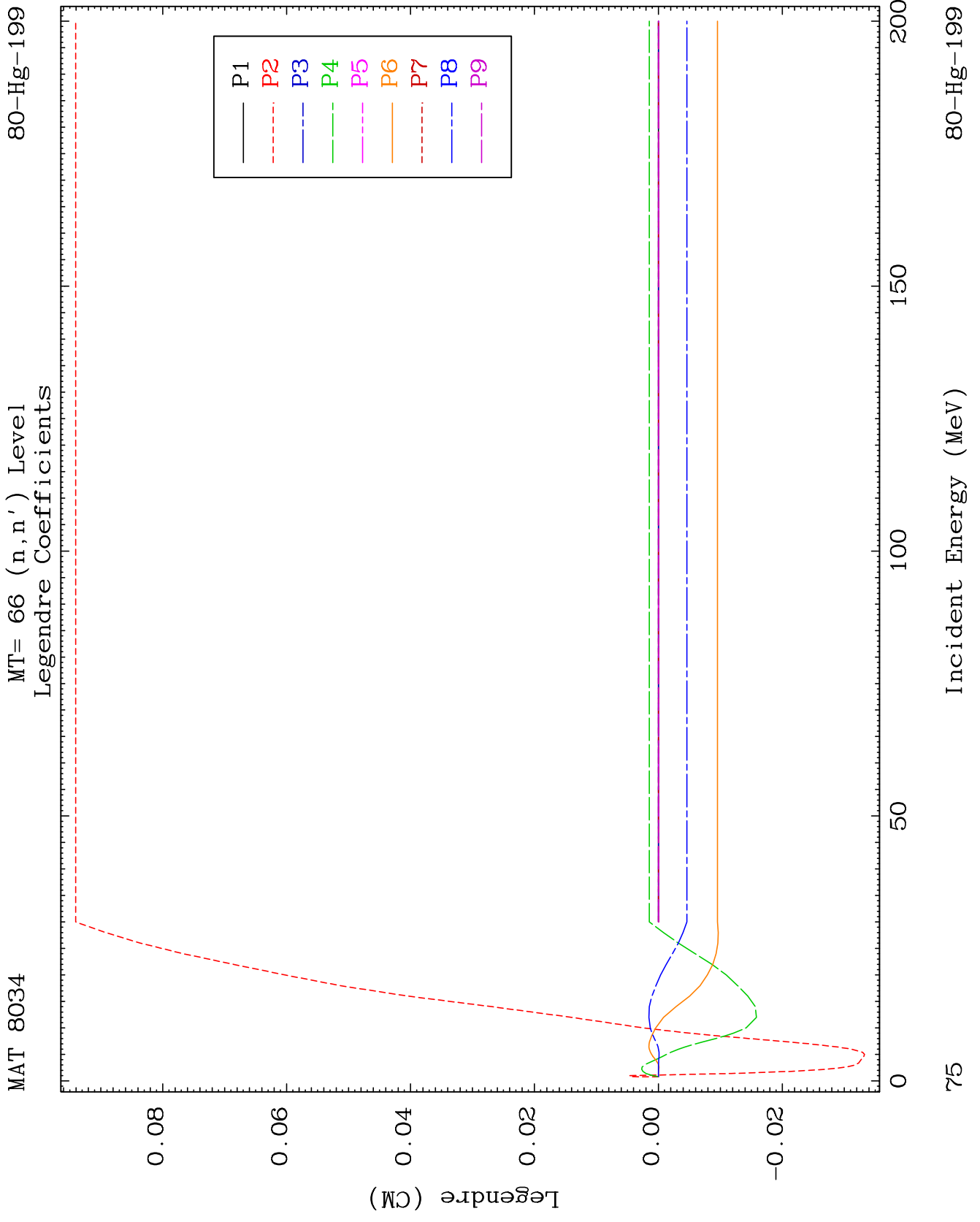
80-Hg-199

MAT 8034

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

80-Hg-199

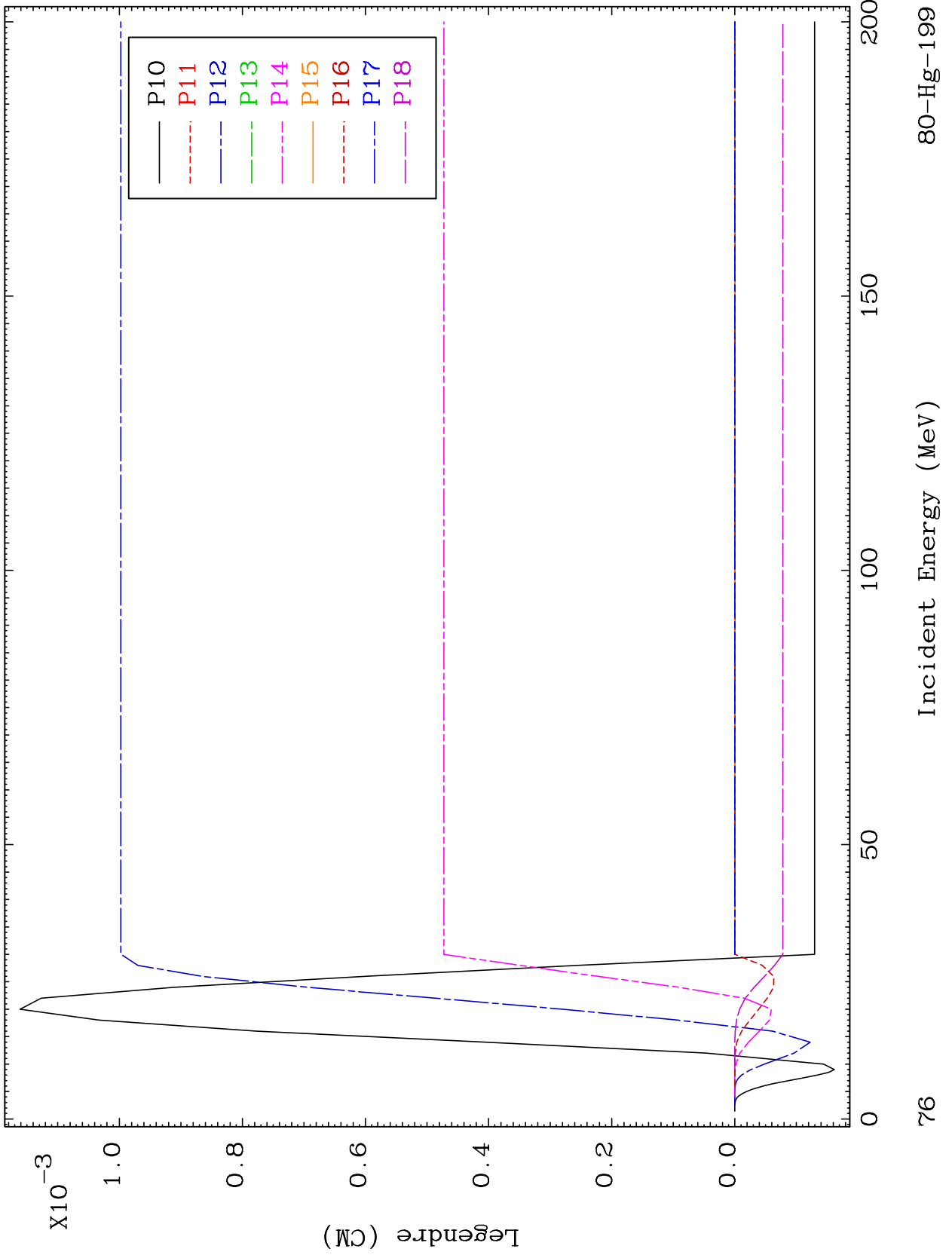


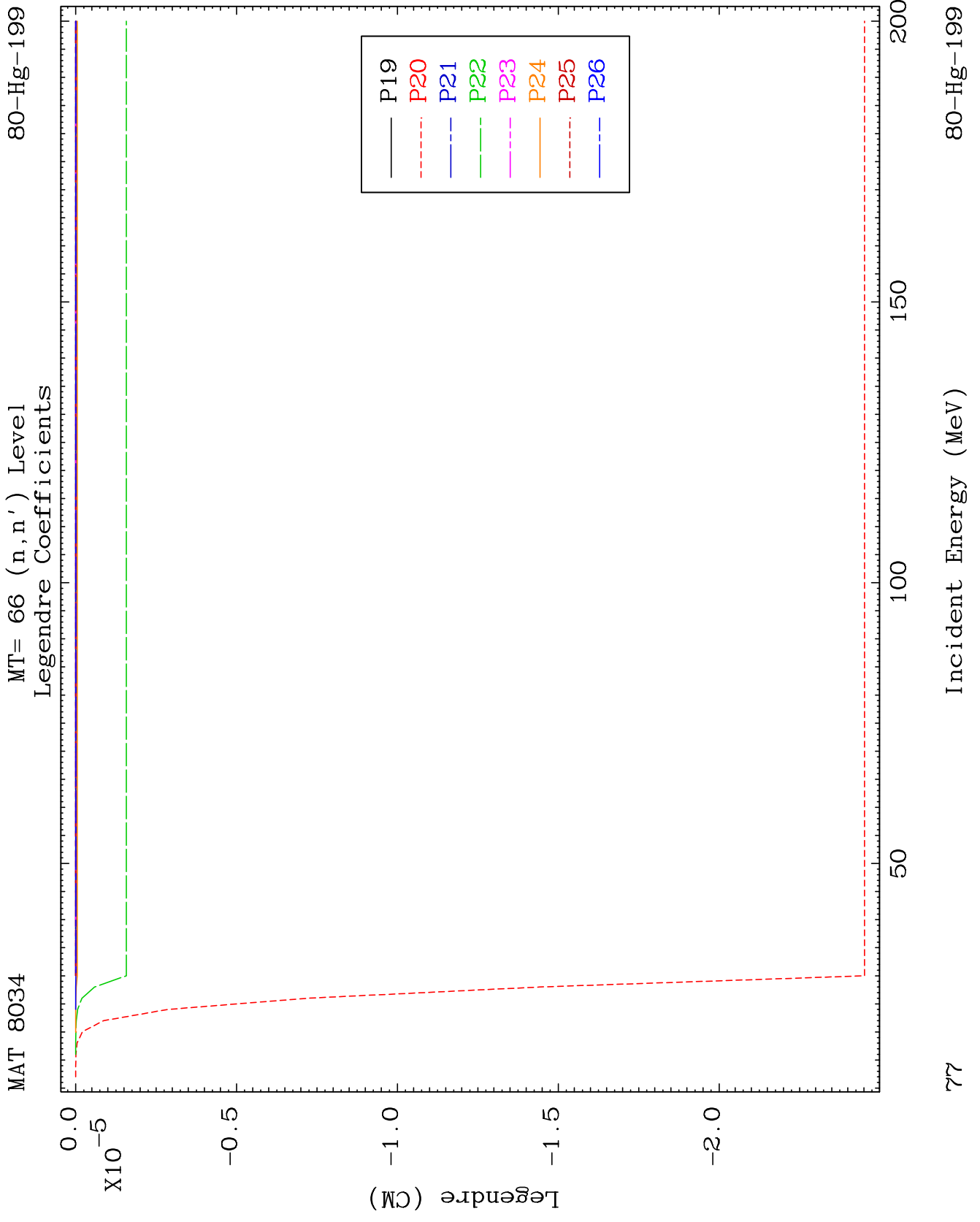


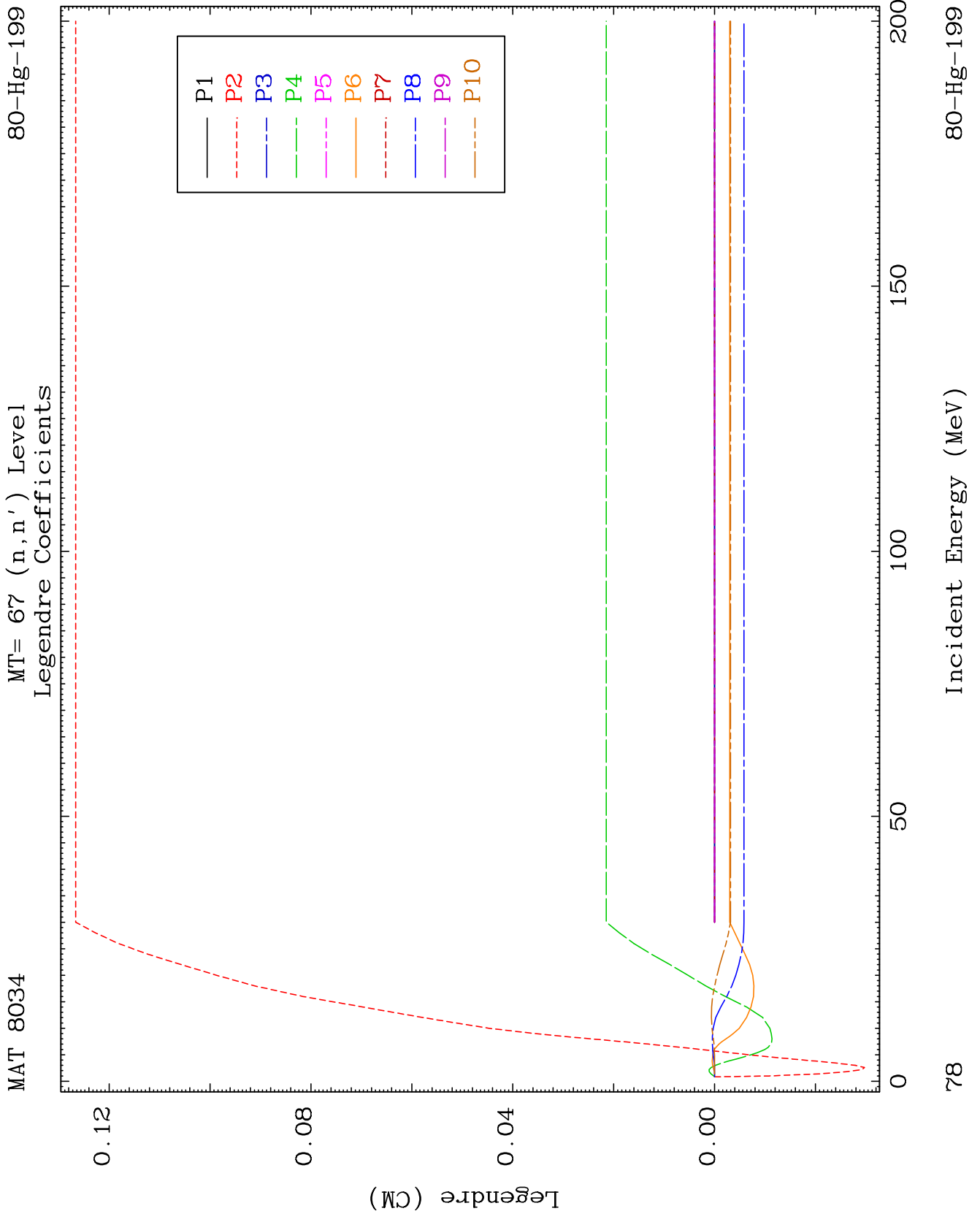
MAT 8034

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

80-Hg-199



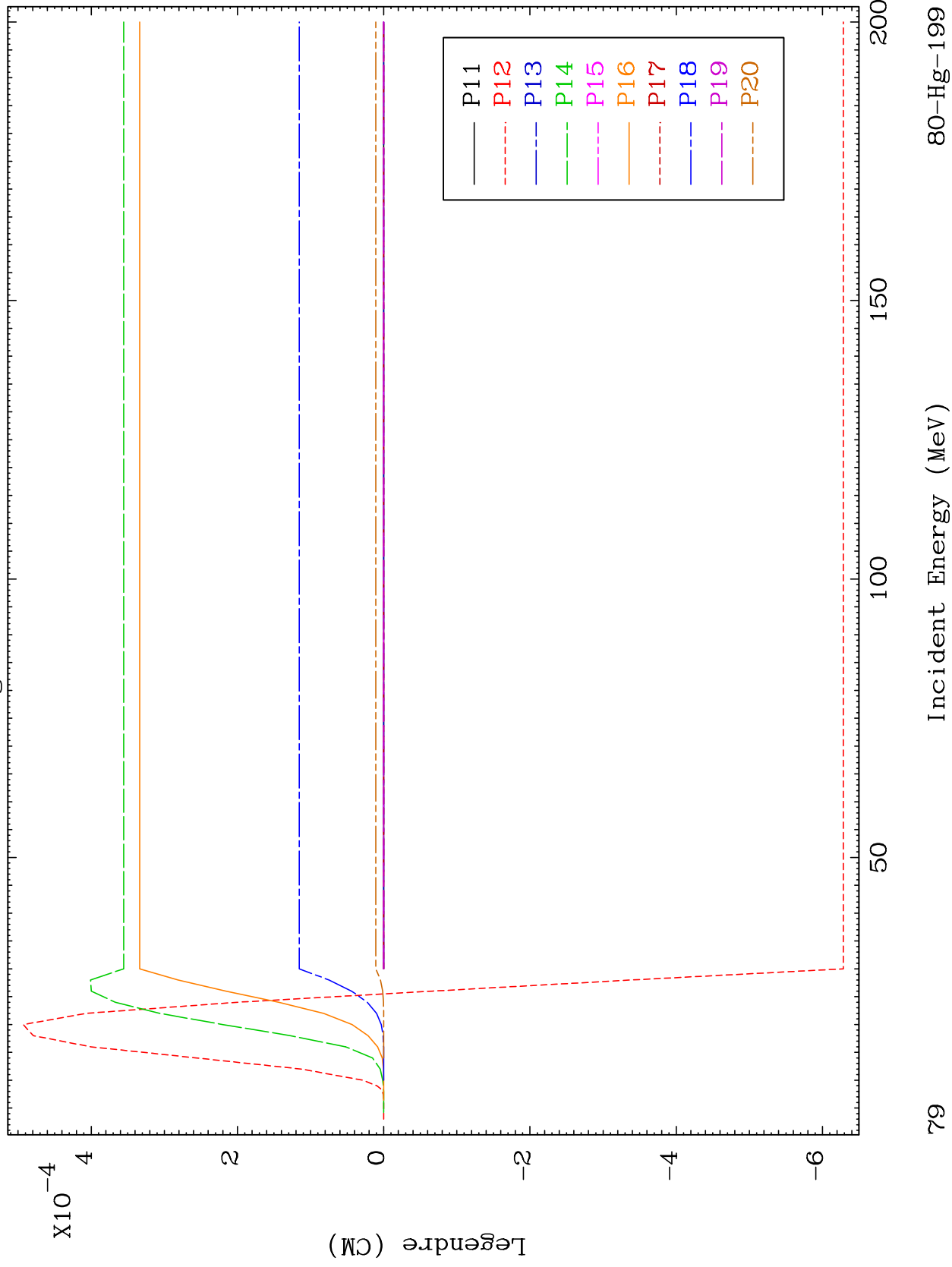




MAT 8034

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

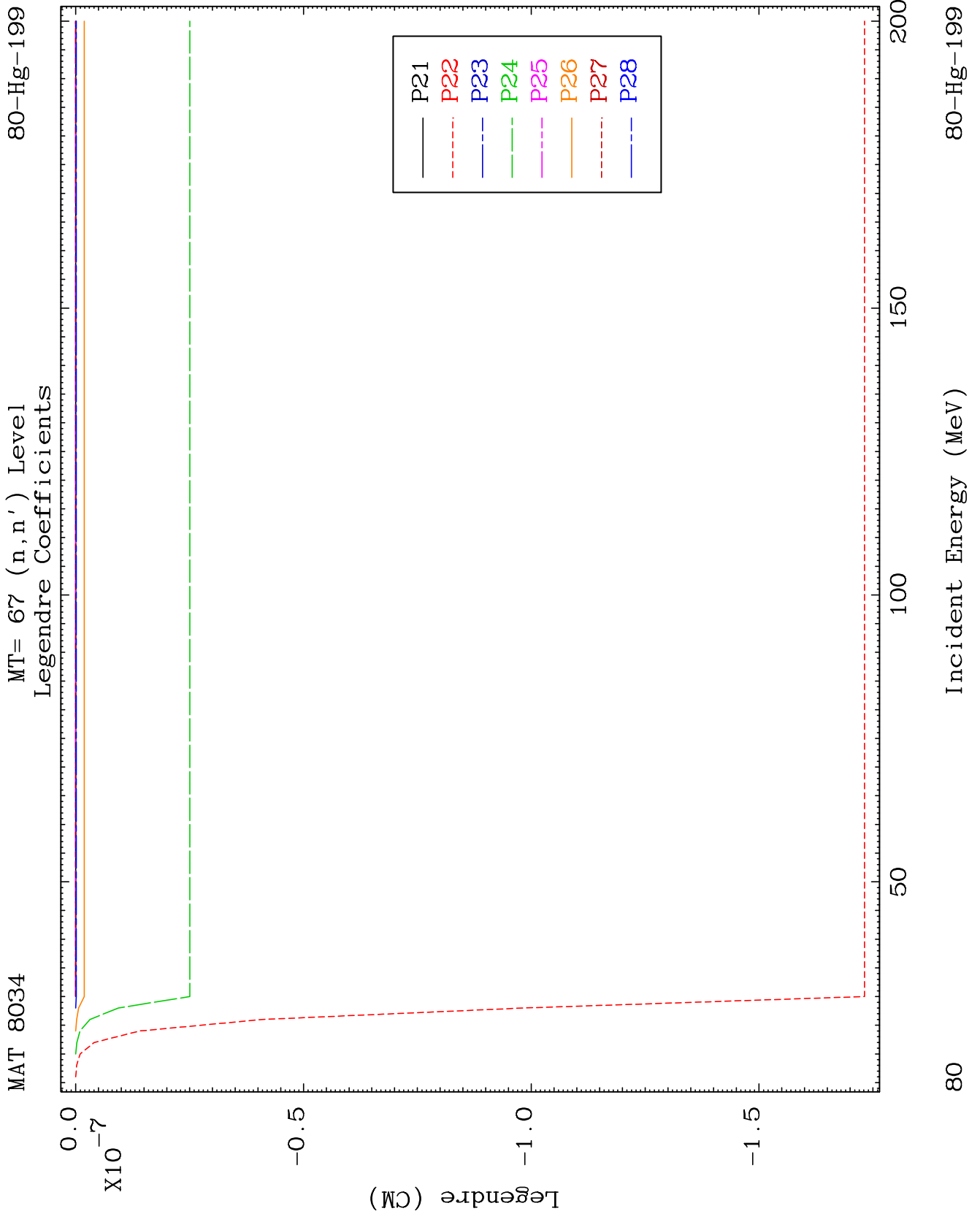
80-Hg-199



79

Incident Energy (MeV)

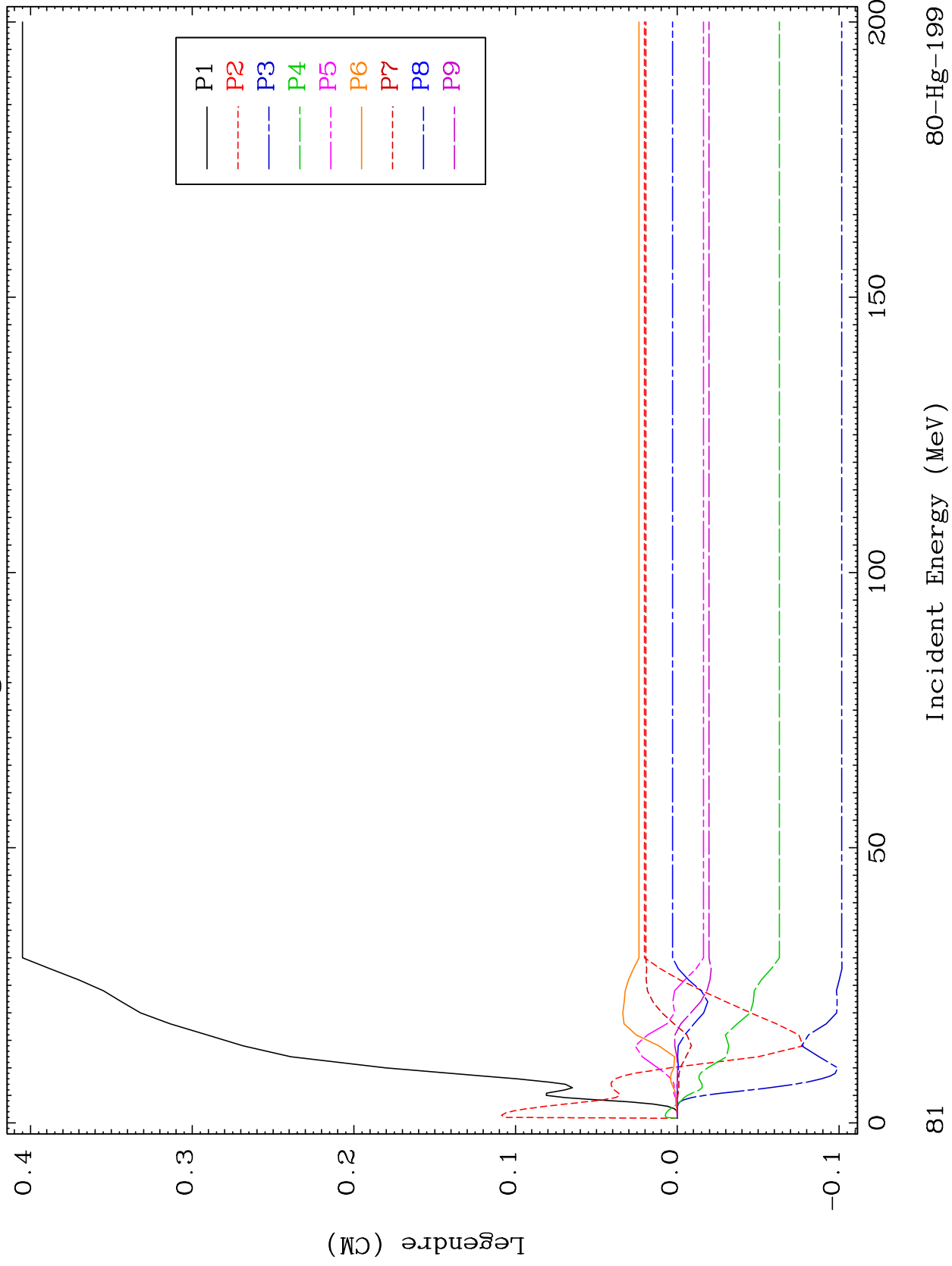
80-Hg-199



MAT 8034

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

80-Hg-199



81

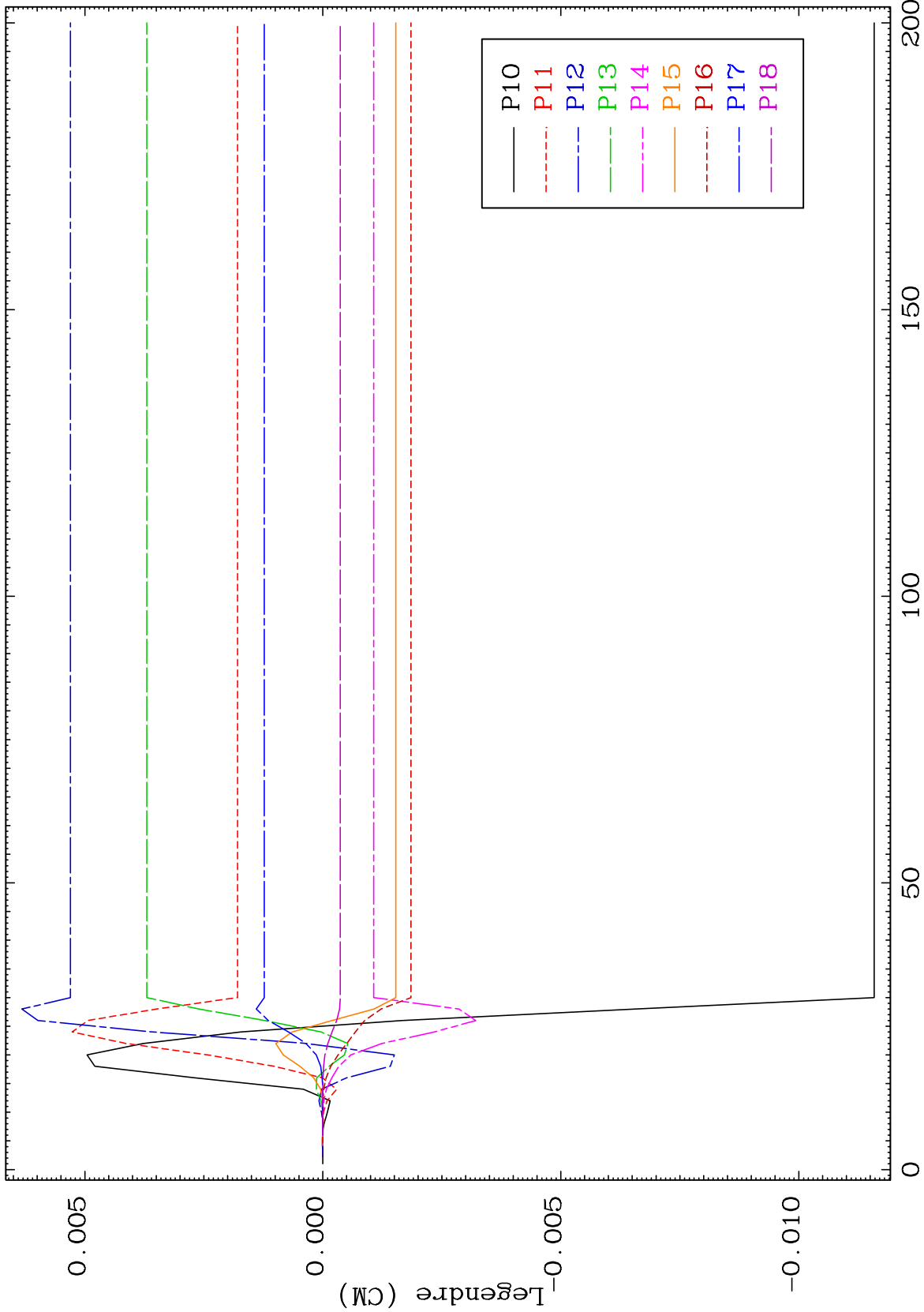
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



82

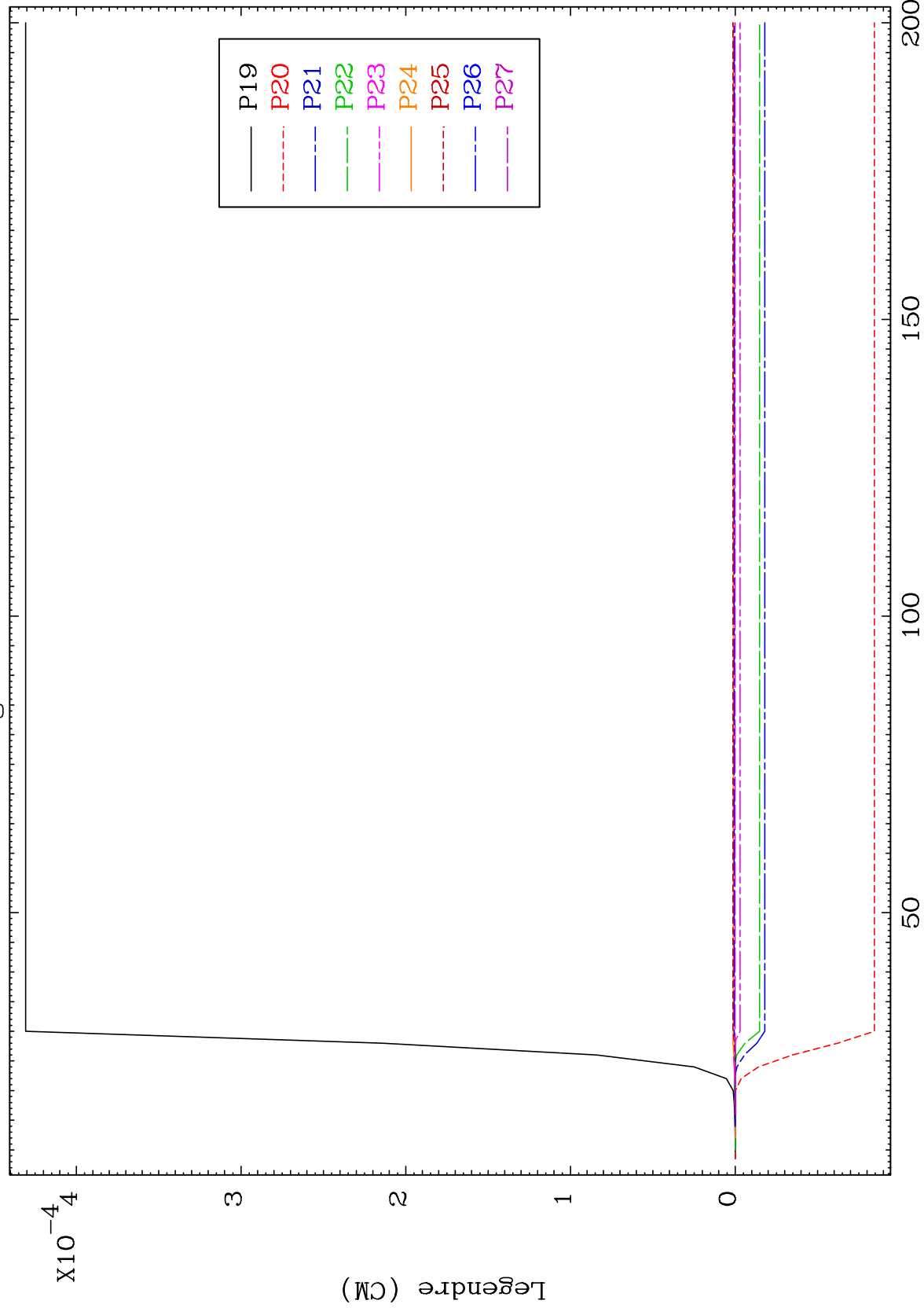
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



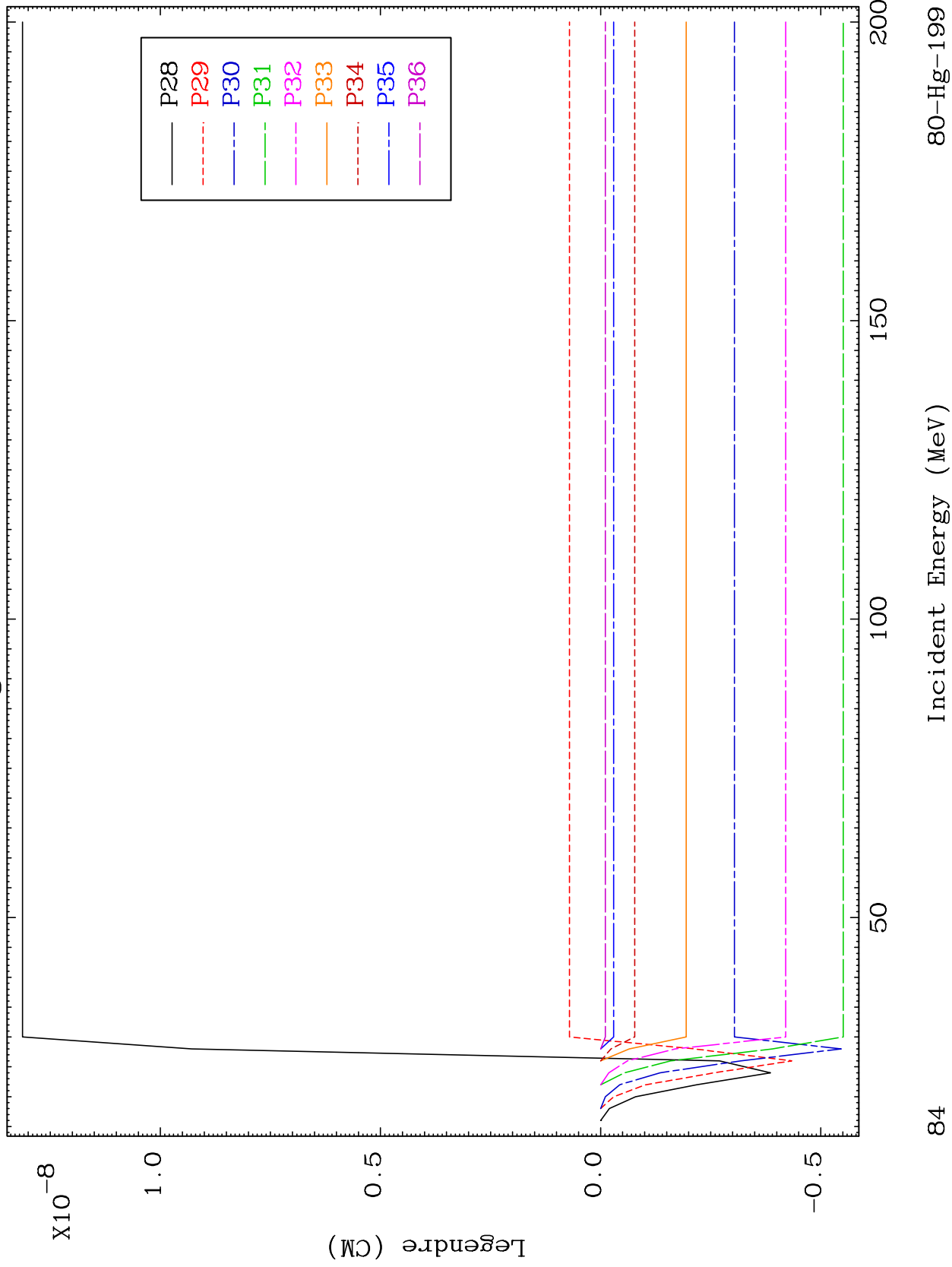
83

80-Hg-199

MAT 8034

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

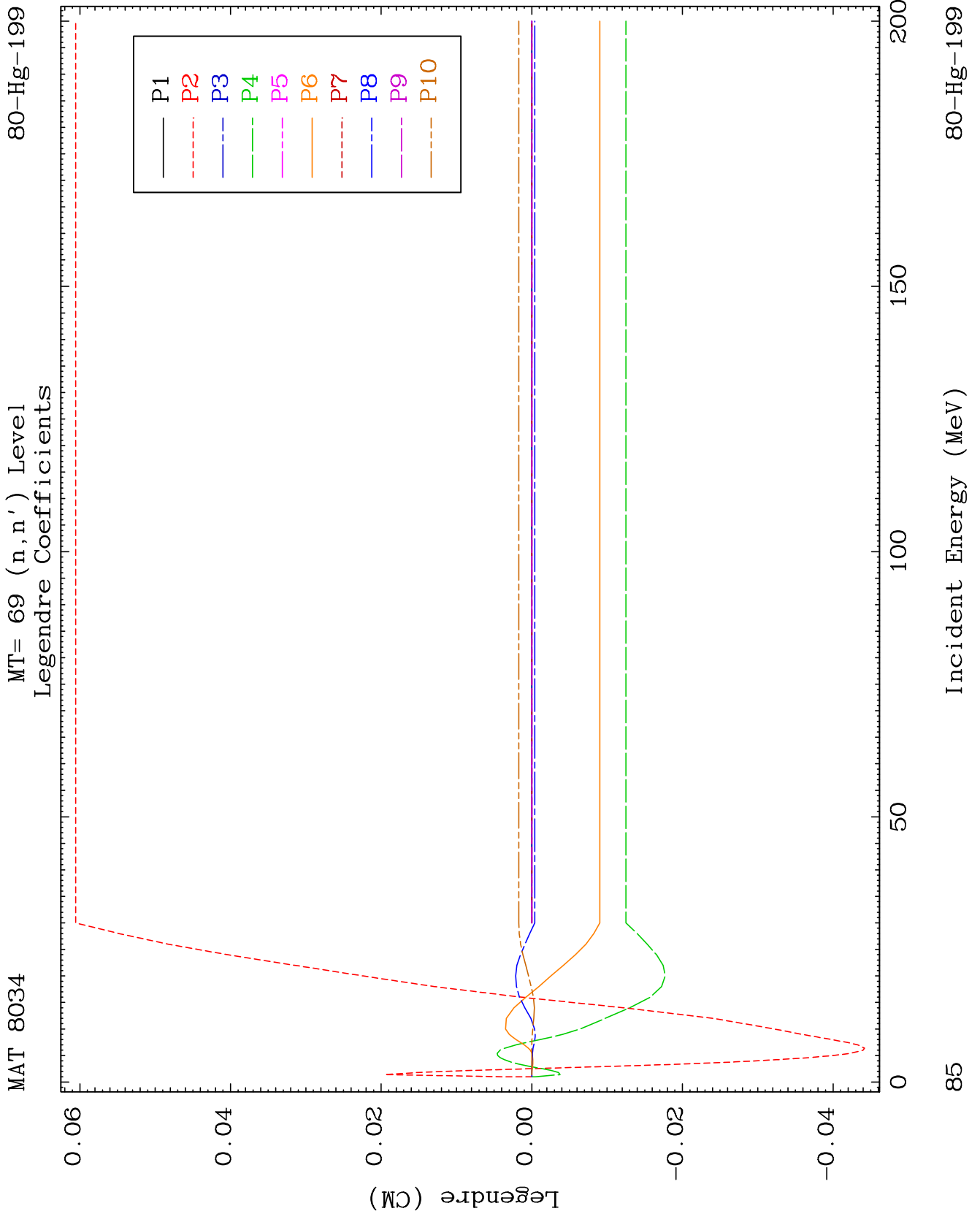
80-Hg-199

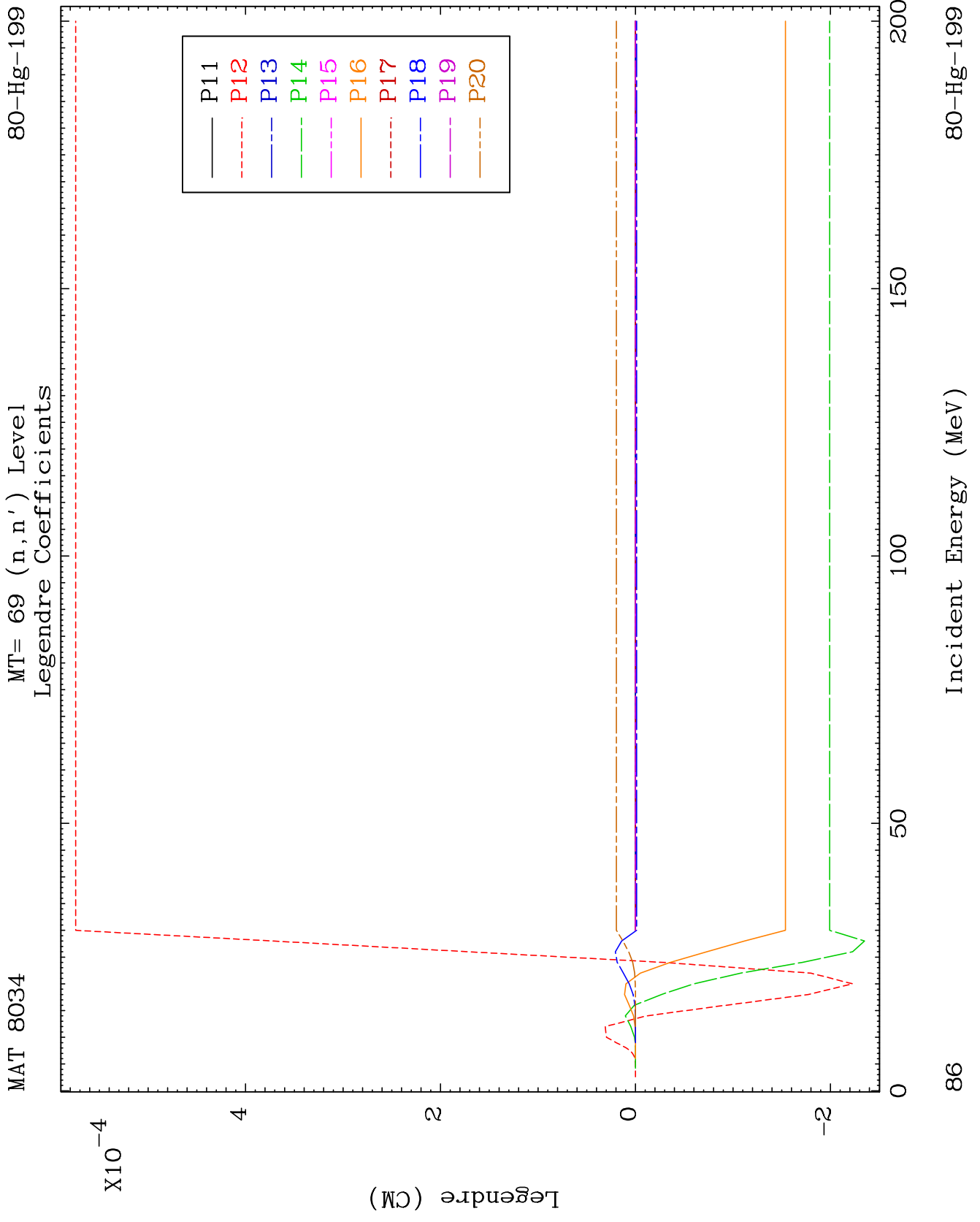


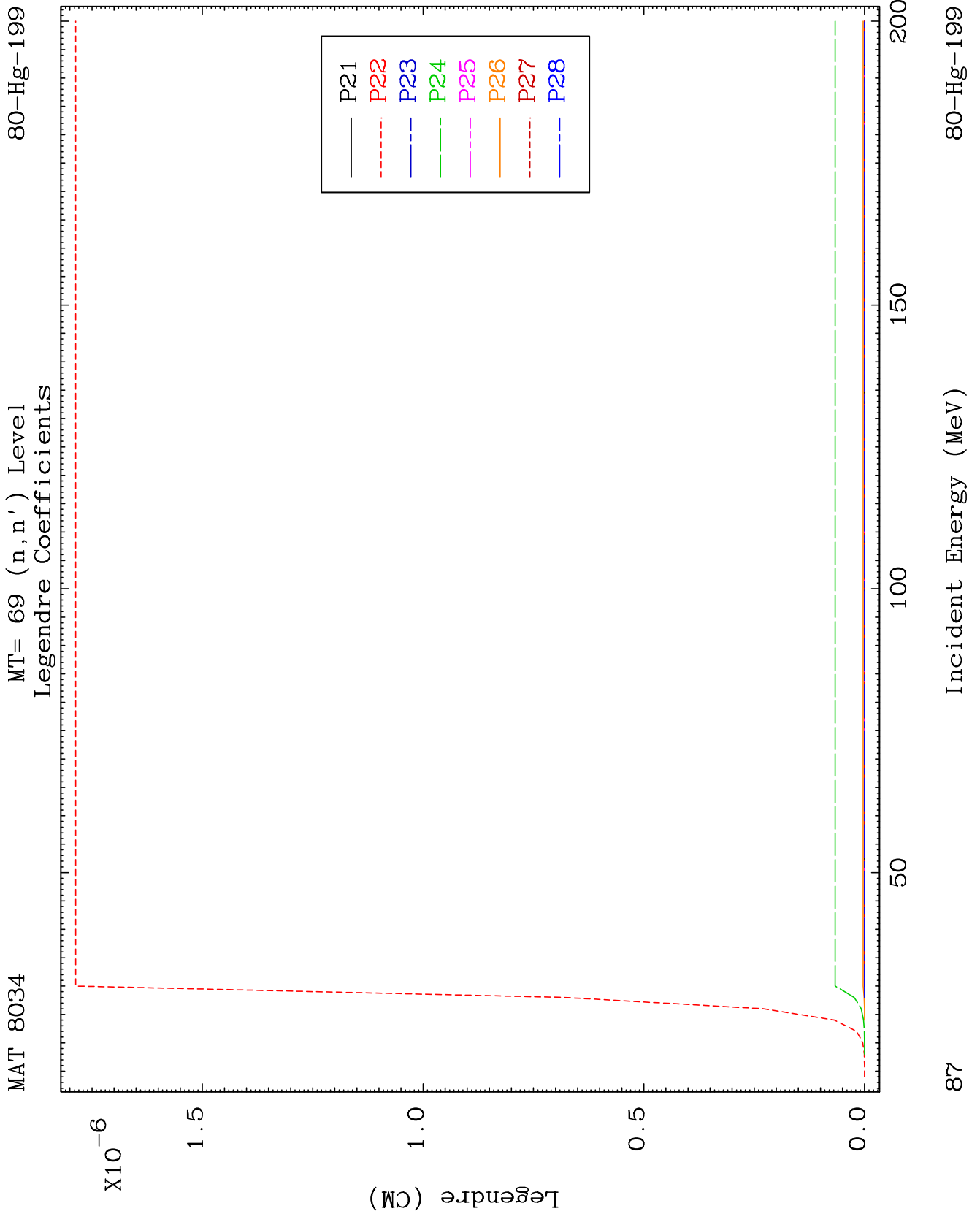
84

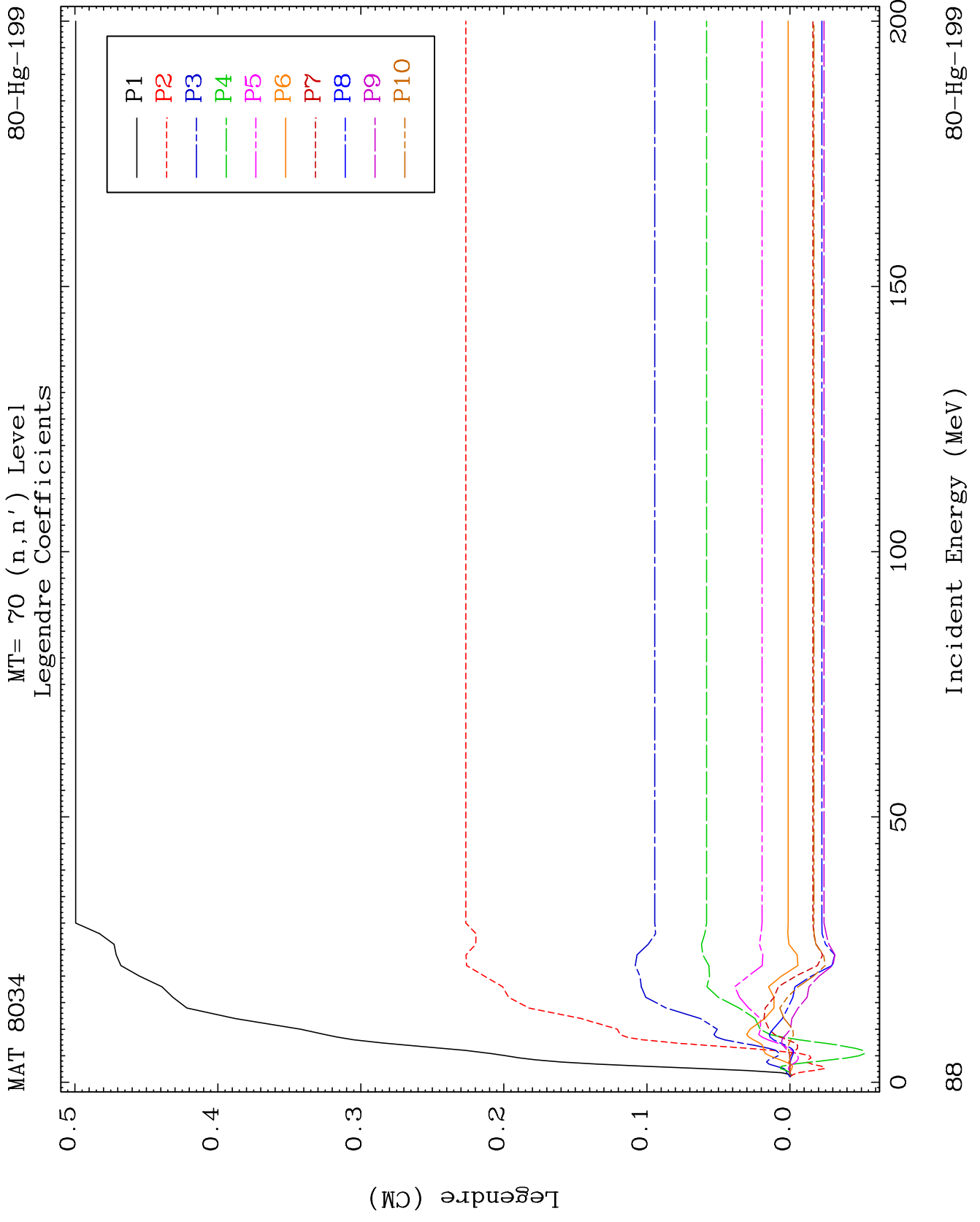
Incident Energy (MeV)

80-Hg-199





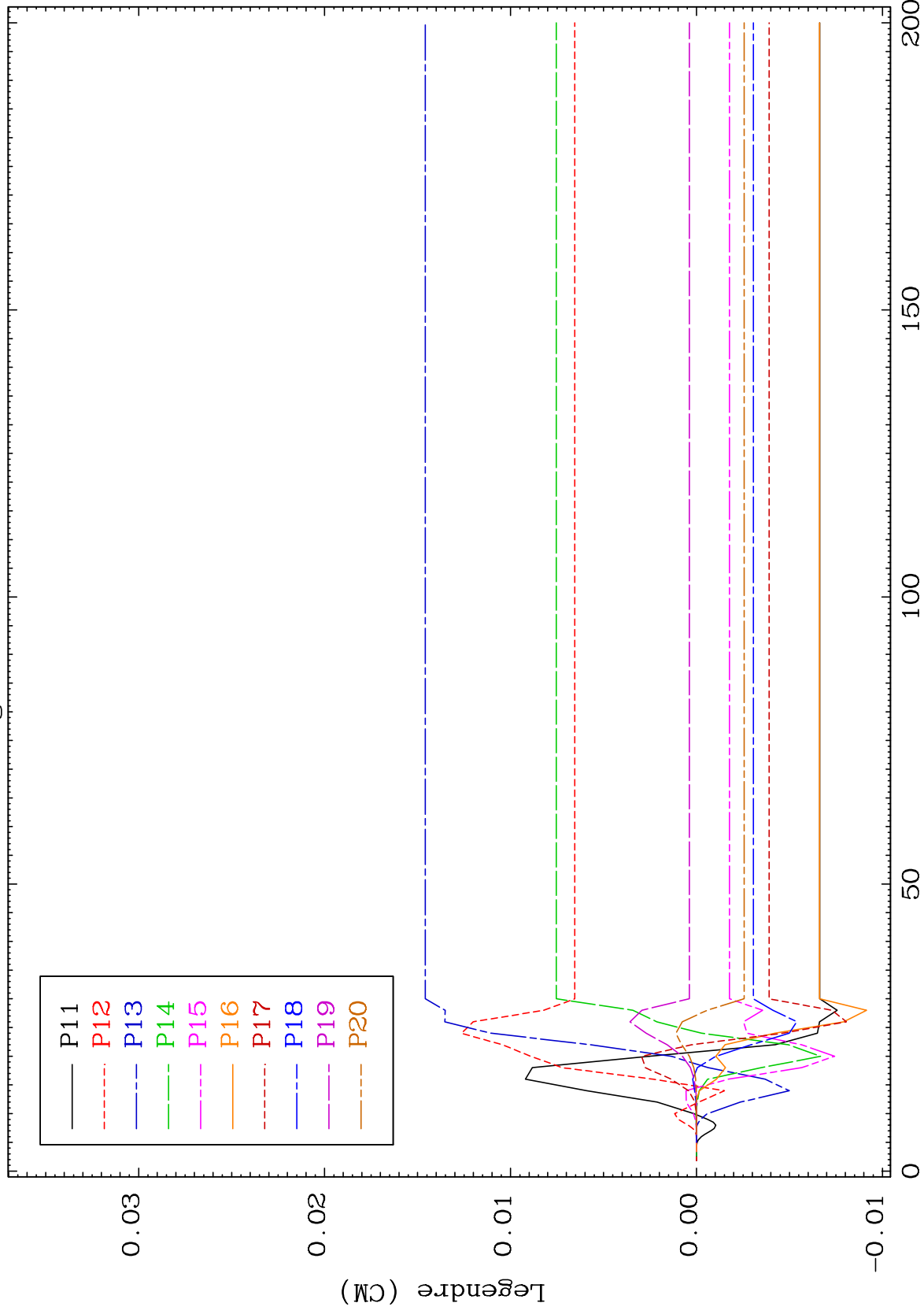




MAT 8034

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

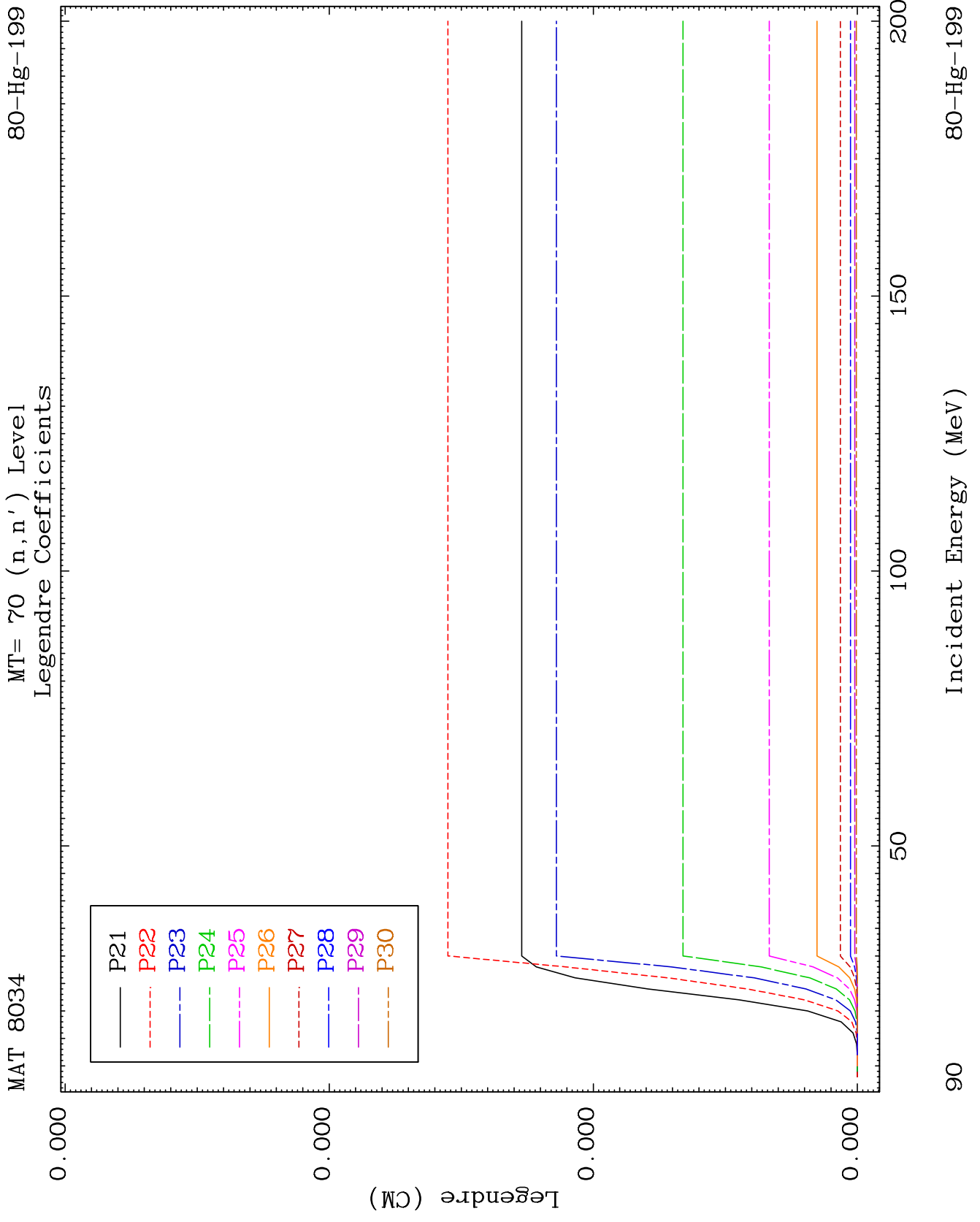
80-Hg-199



89

Incident Energy (MeV)

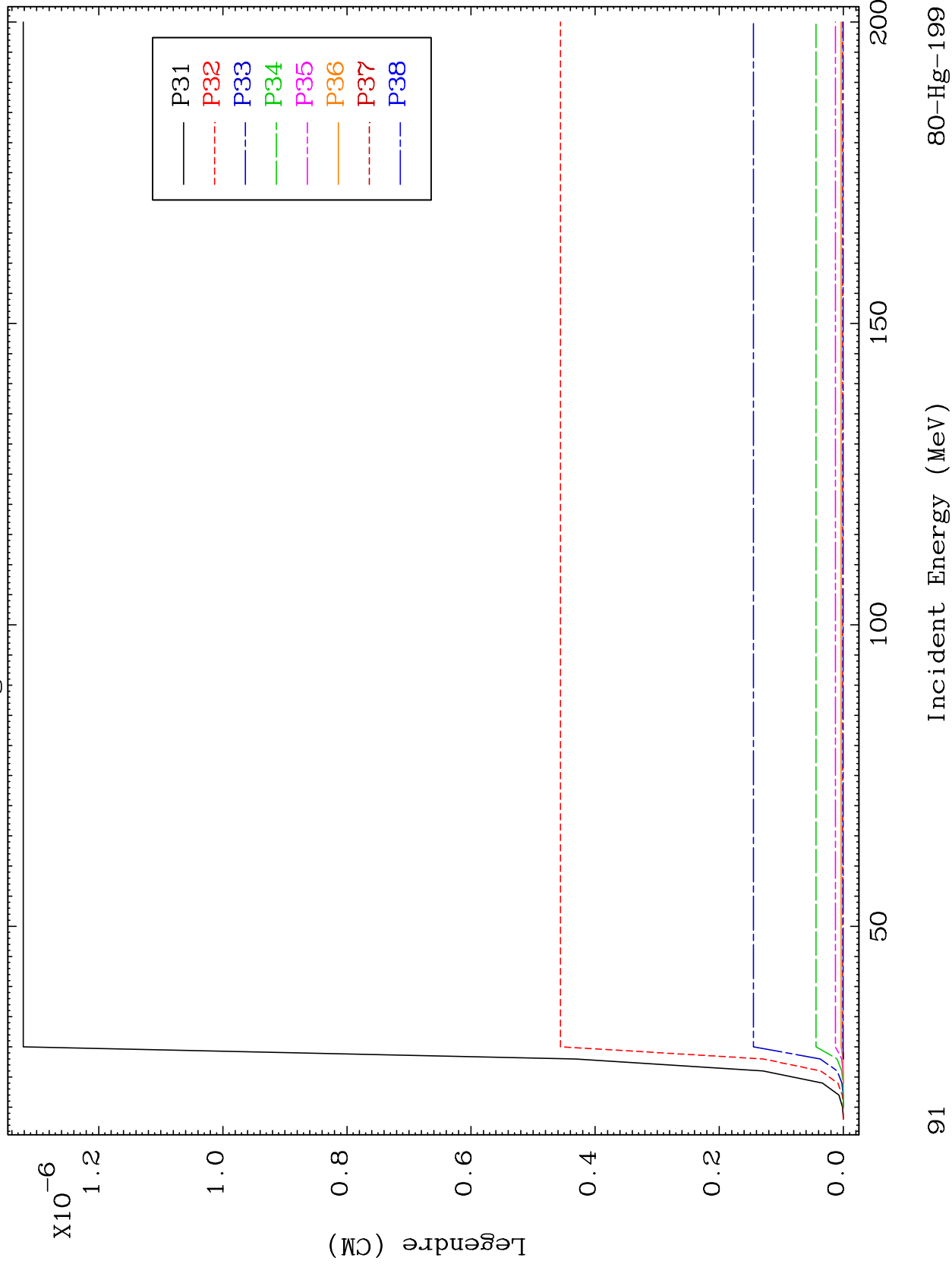
80-Hg-199

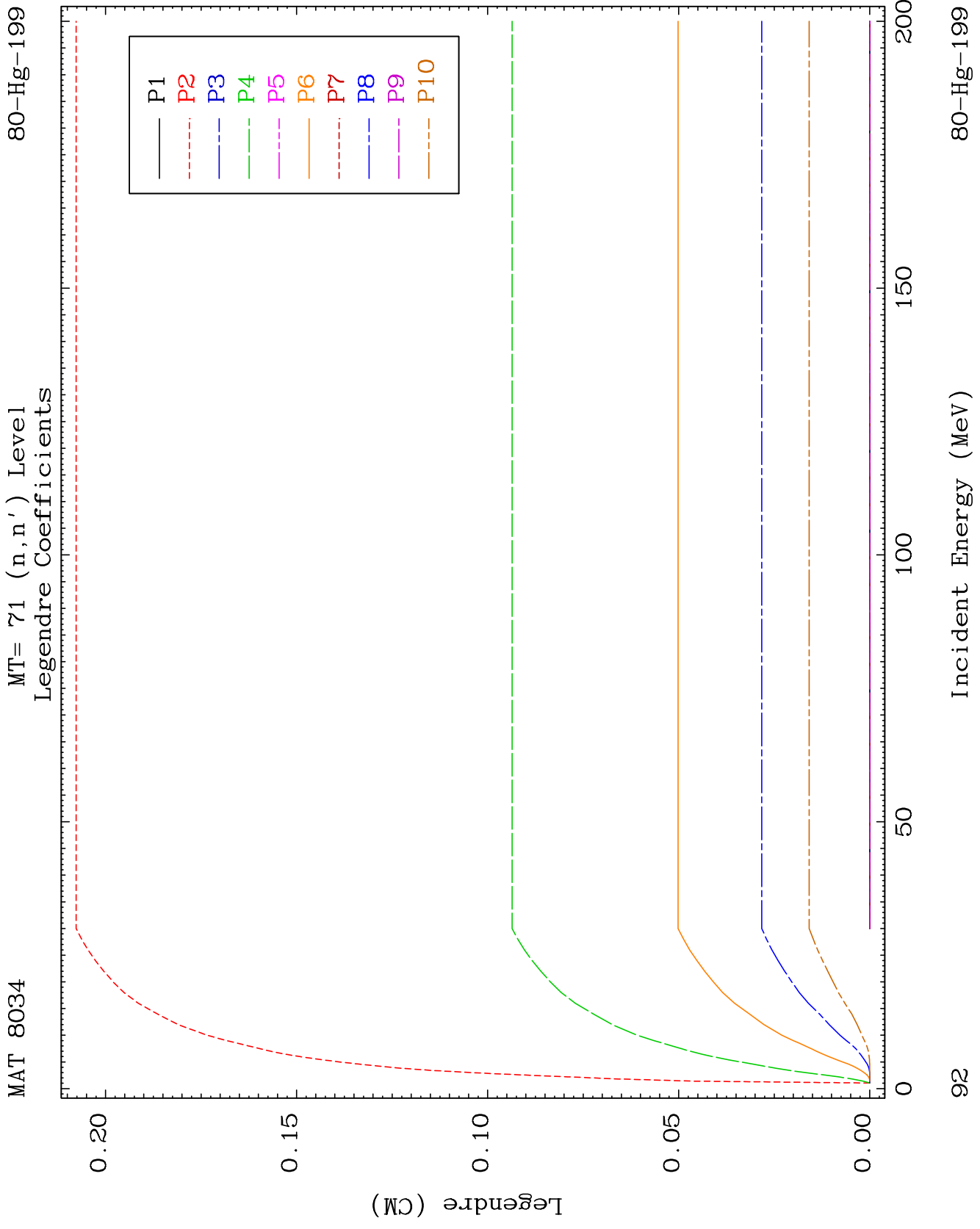


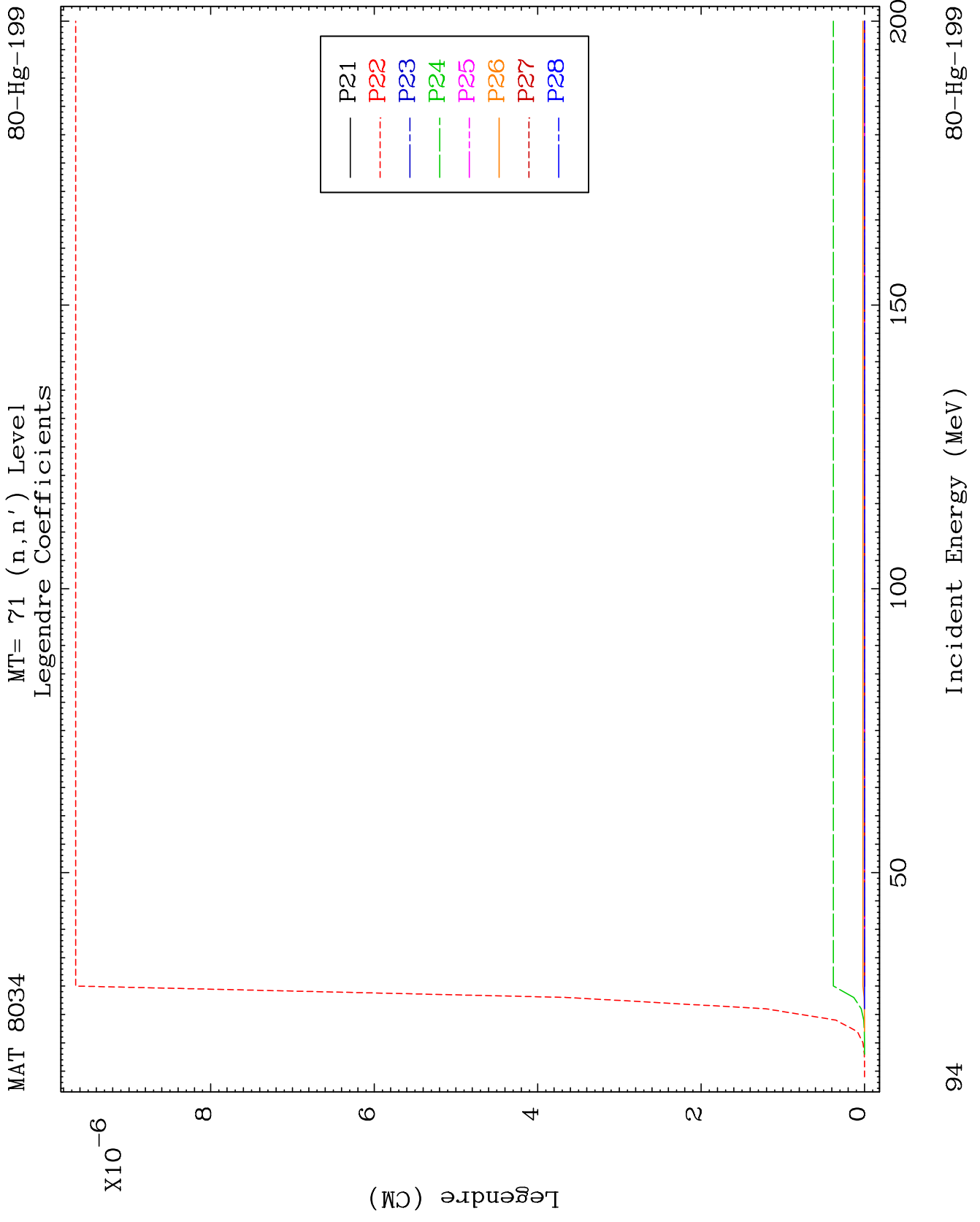
MAT 8034

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

80-Hg-199



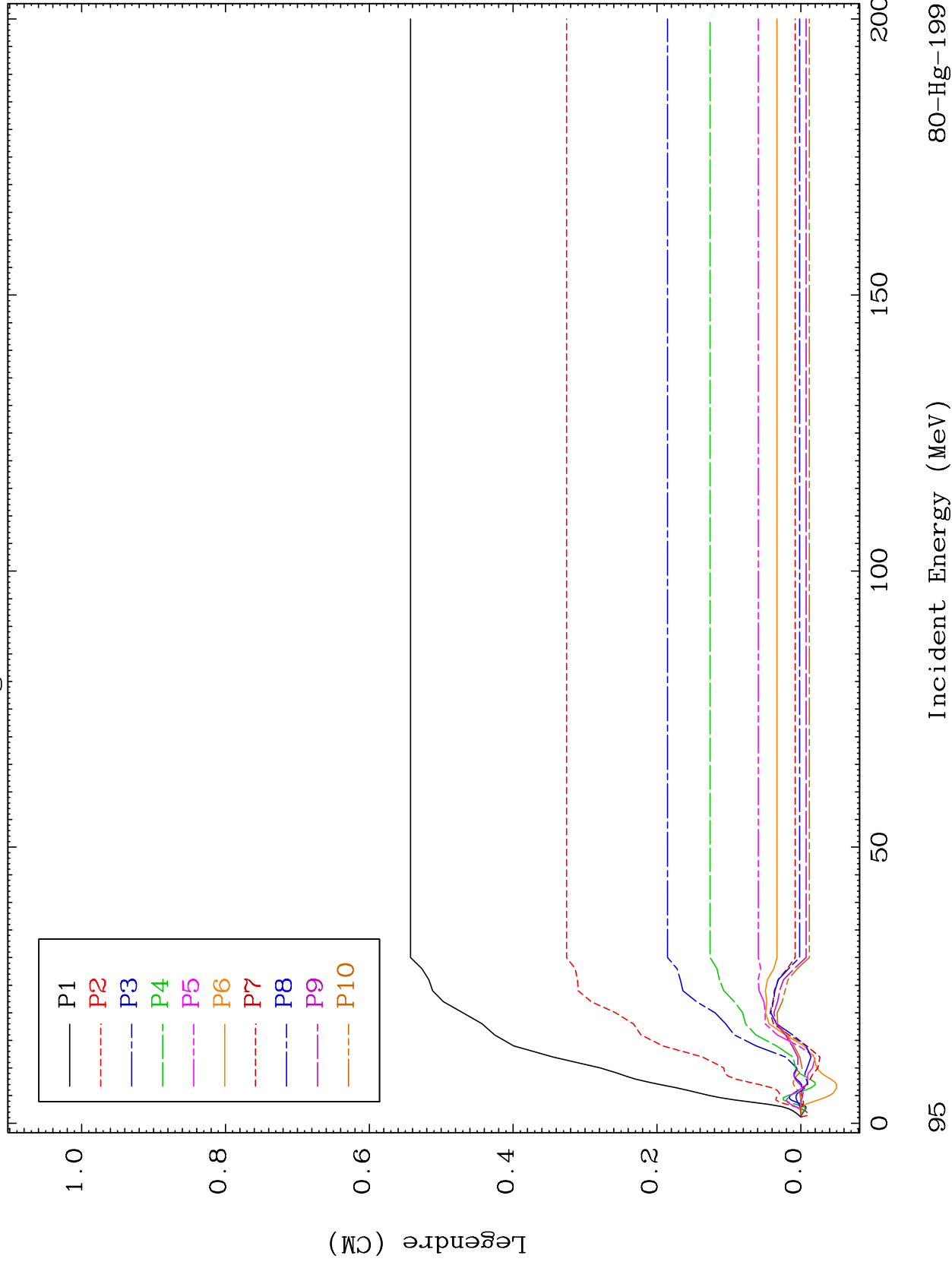




MAT 8034

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

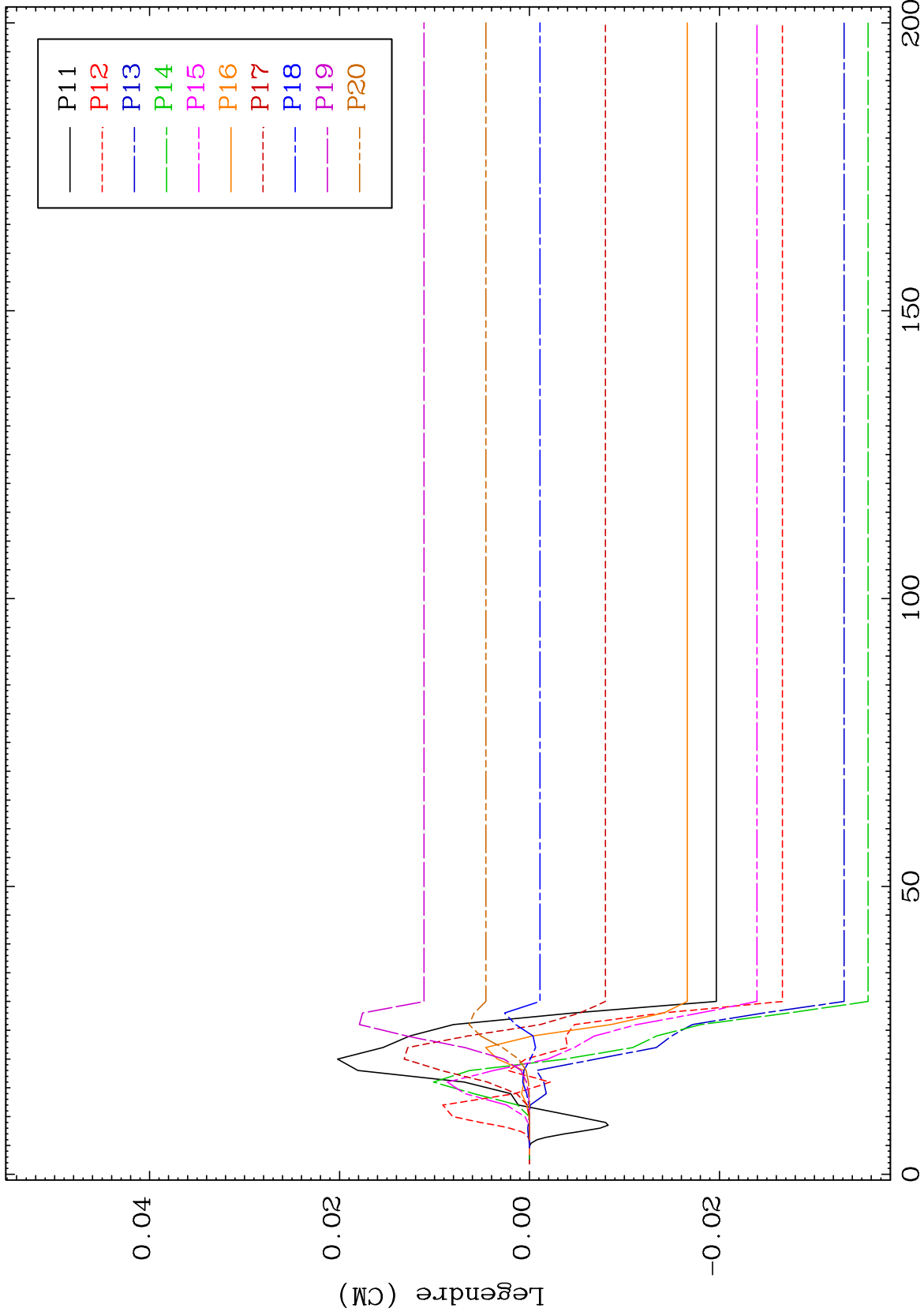
80-Hg-199



MAT 8034

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

80-Hg-199



96

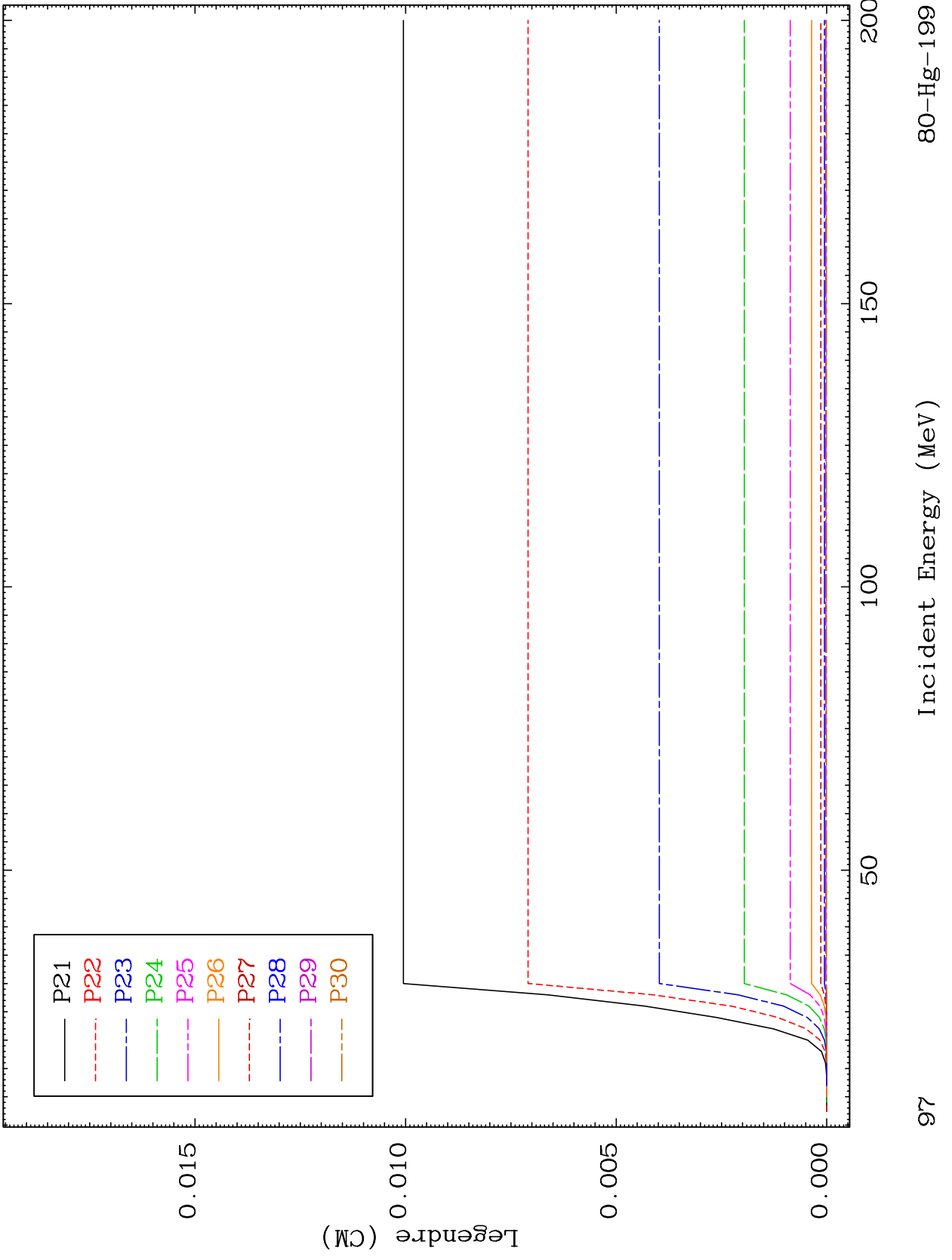
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199



97

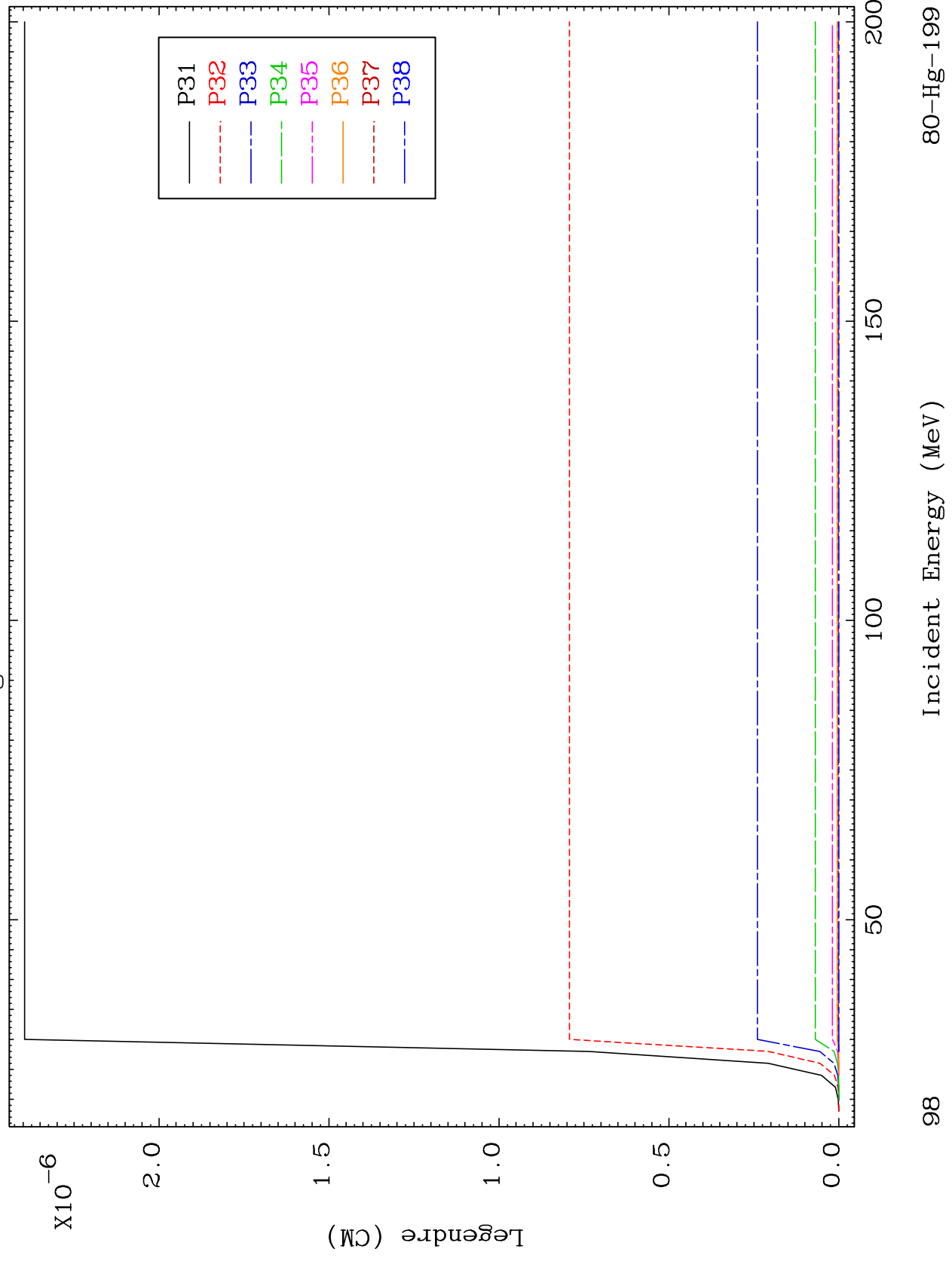
Incident Energy (MeV)

80-Hg-199

MAT 8034

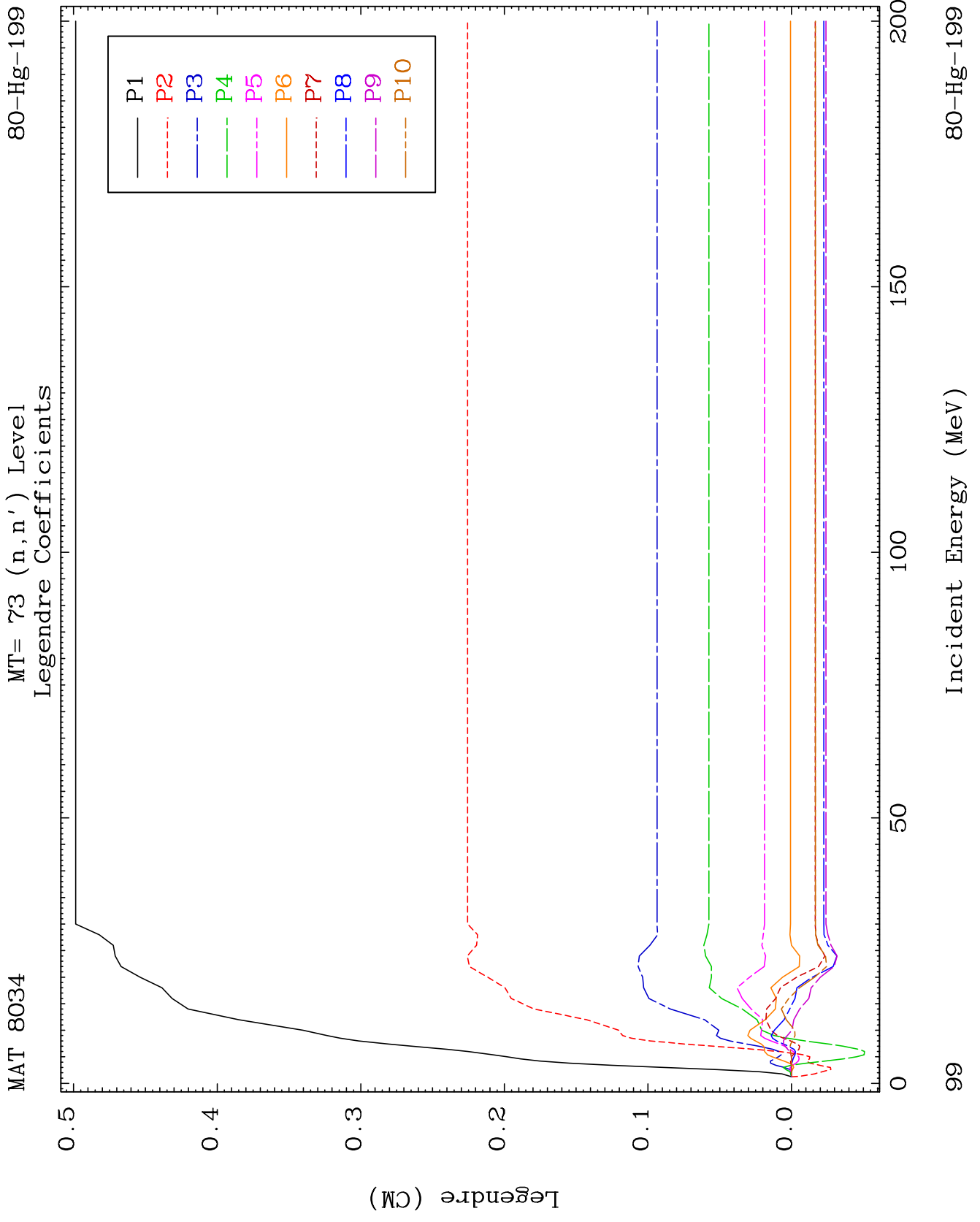
MT= 72 (n,n') Level
Legendre Coefficients

80-Hg-199



98

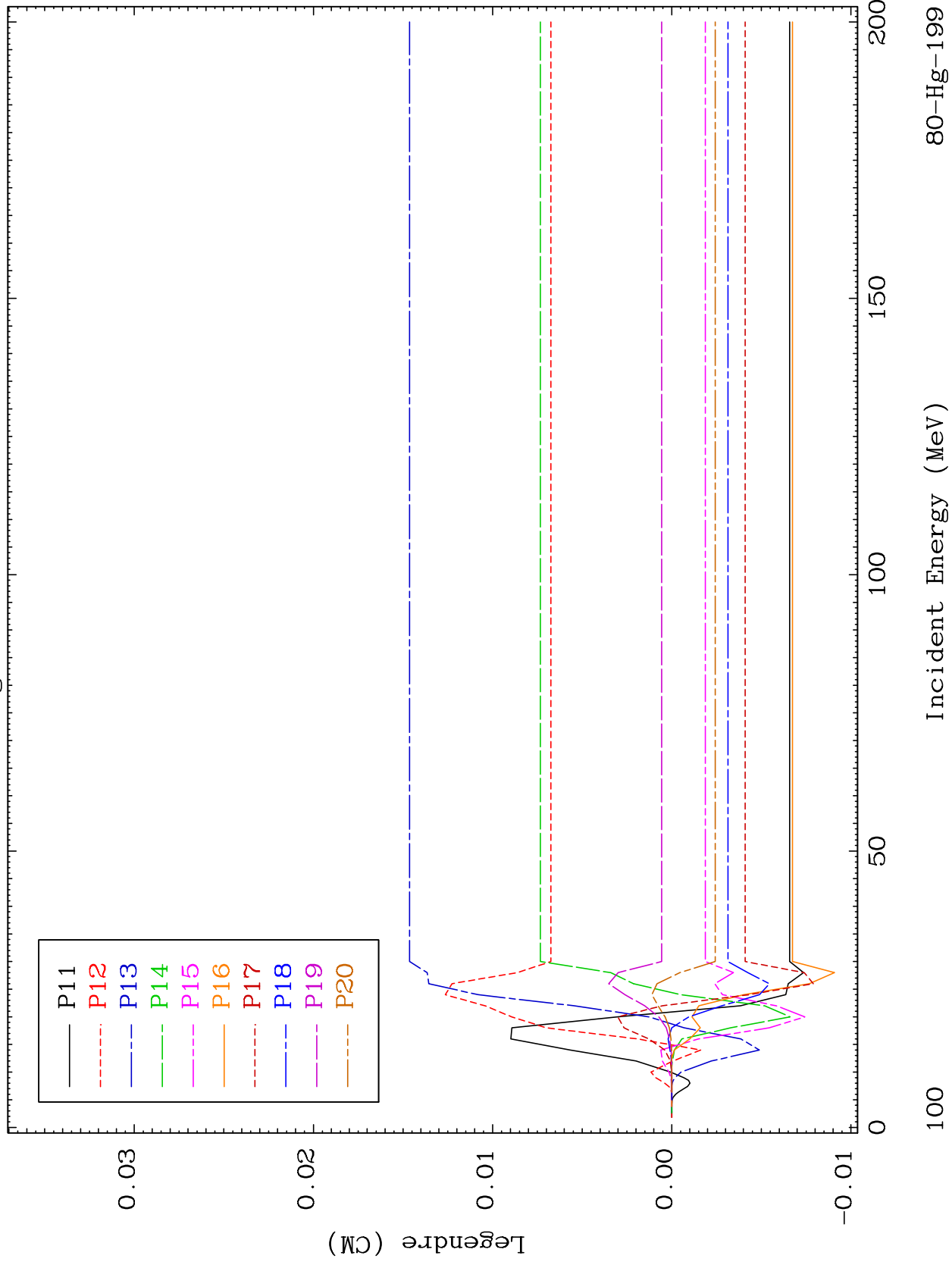
80-Hg-199



MAT 8034

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

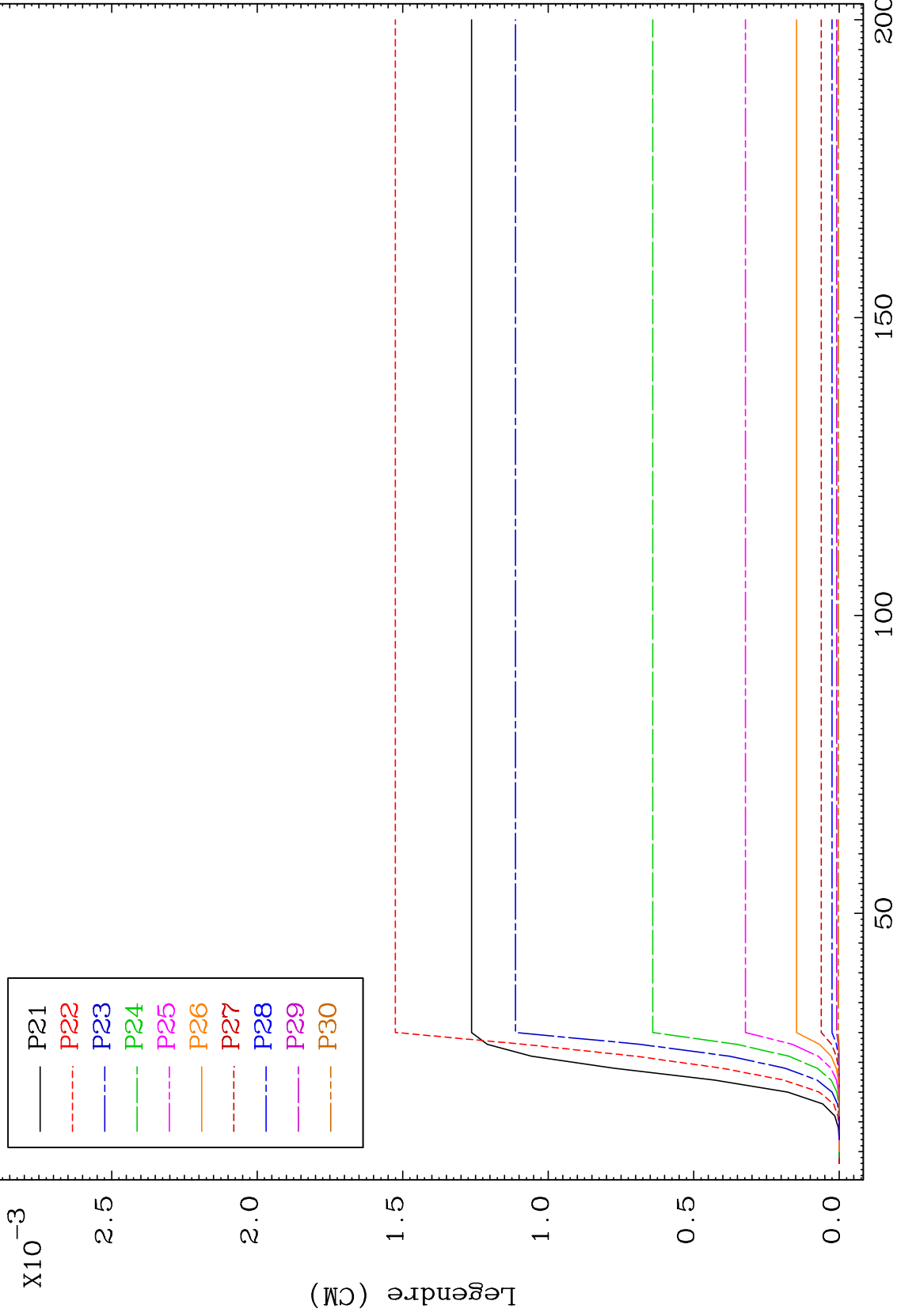
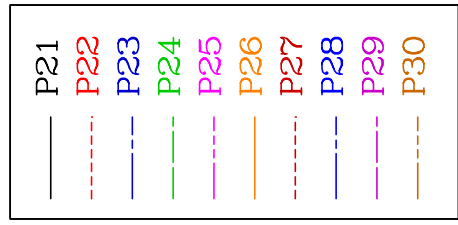
80-Hg-199



MAT 8034

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

80-Hg-199



101

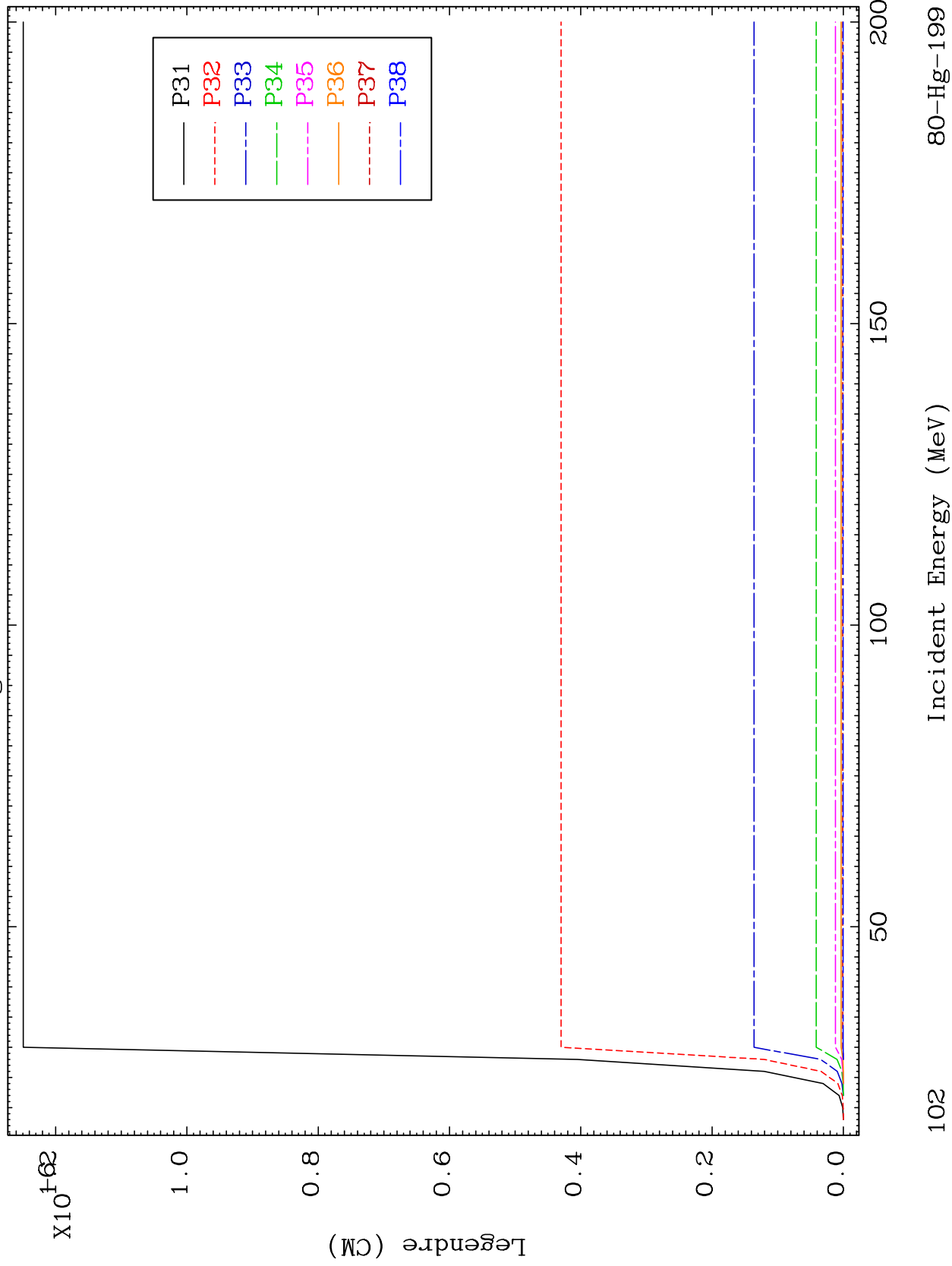
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

80-Hg-199

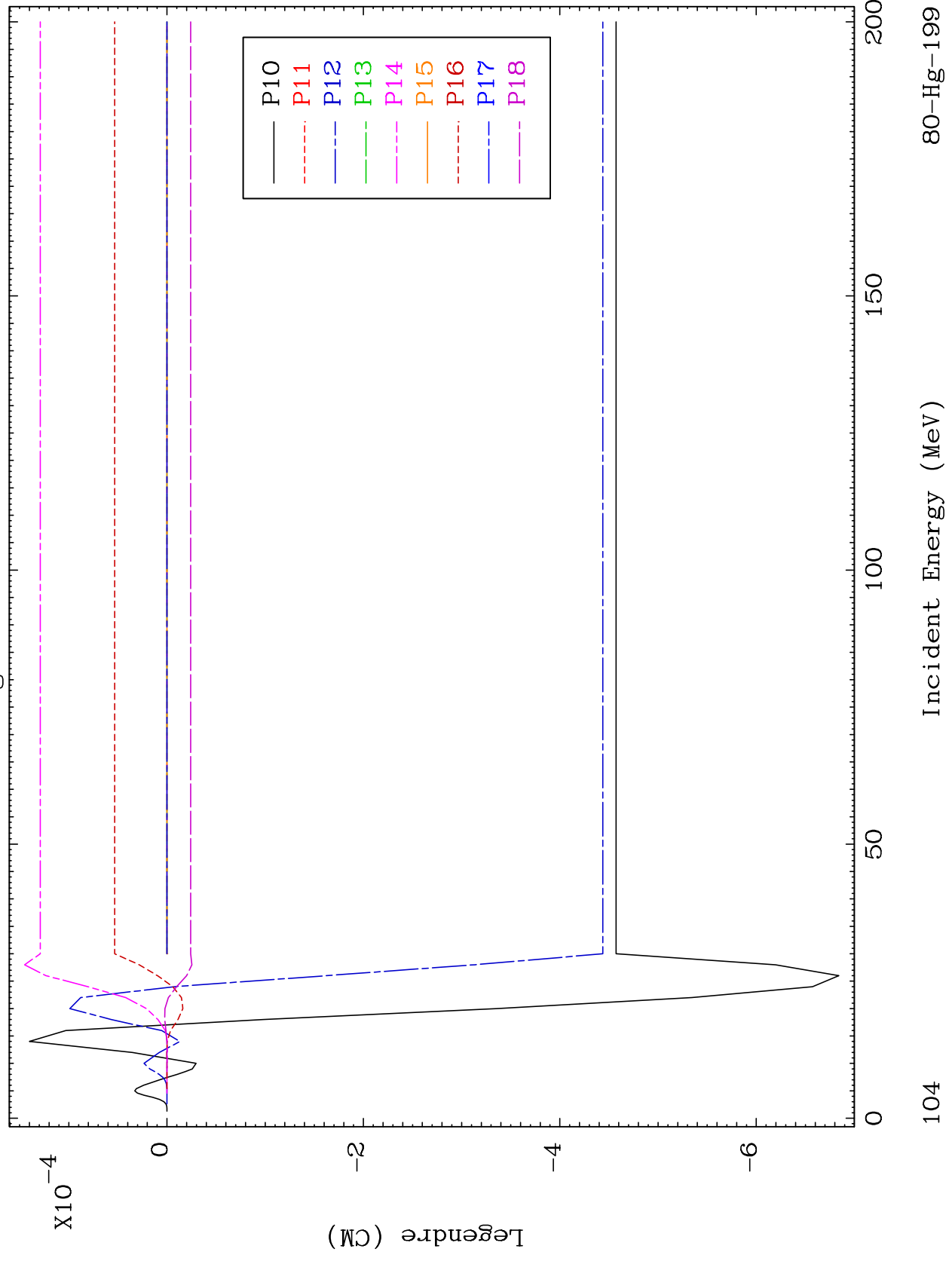


102

MAT 8034

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

80-Hg-199



104

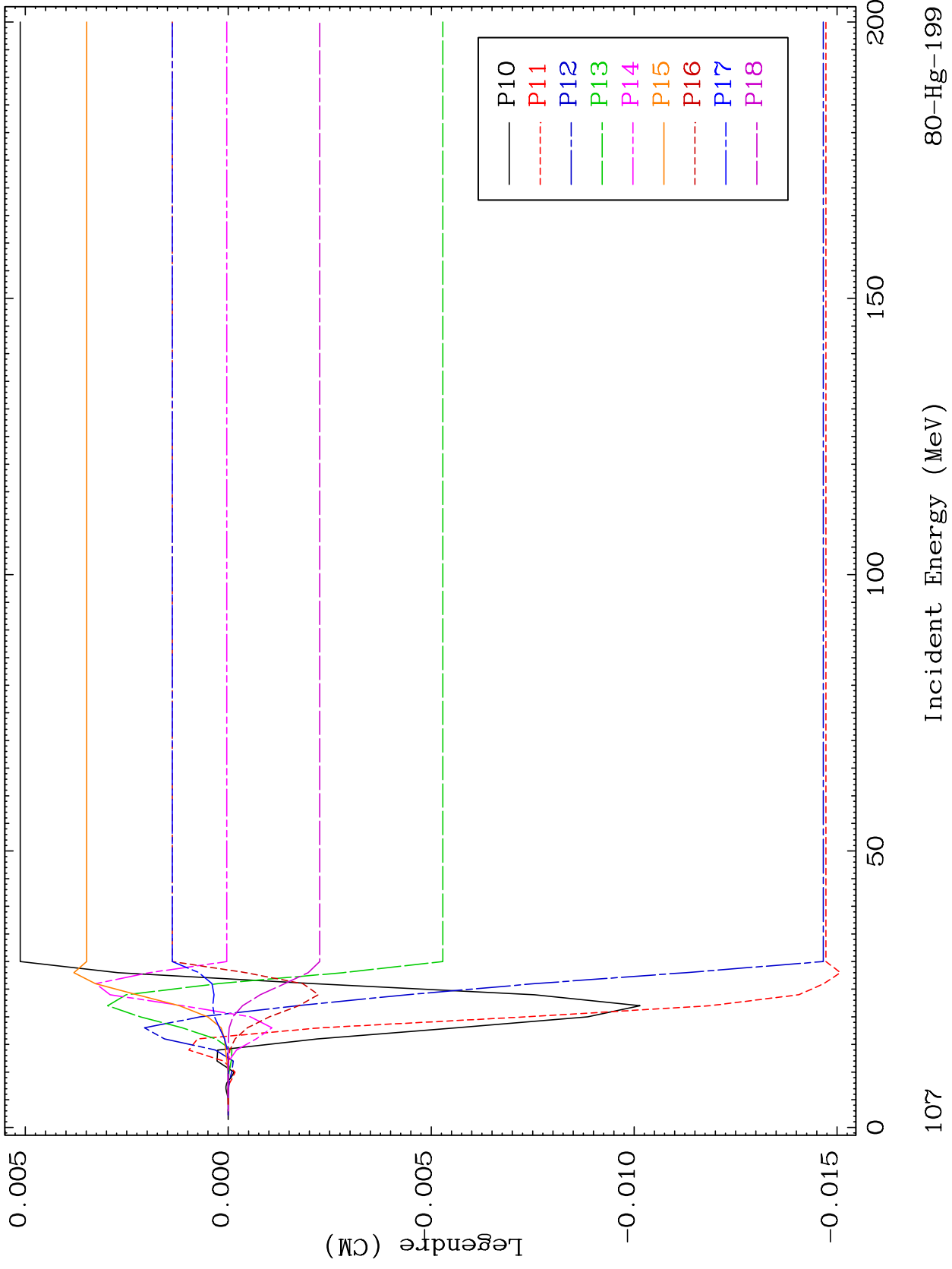
Incident Energy (MeV)

80-Hg-199

MAT 8034

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

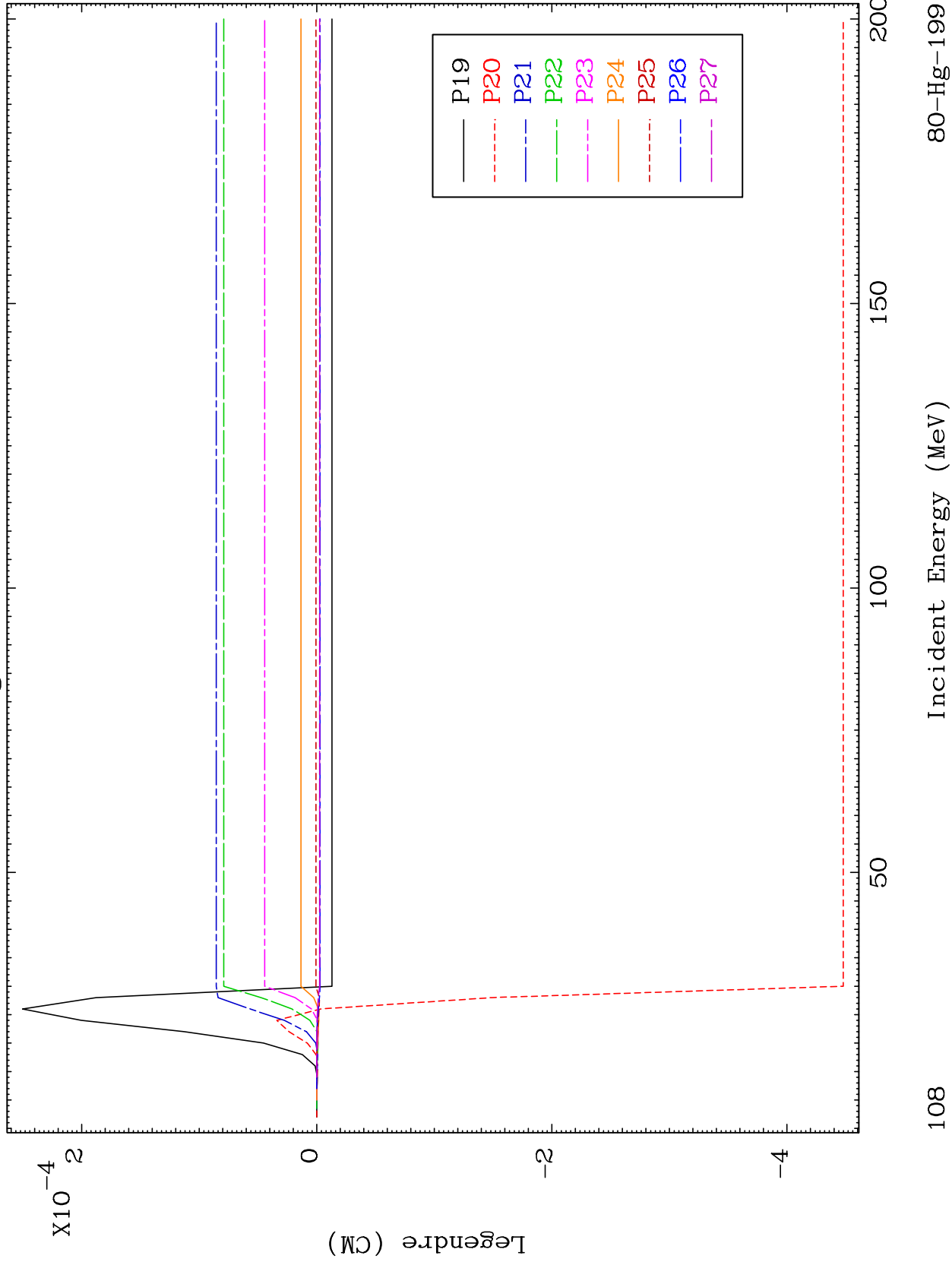
80-Hg-199



MAT 8034

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

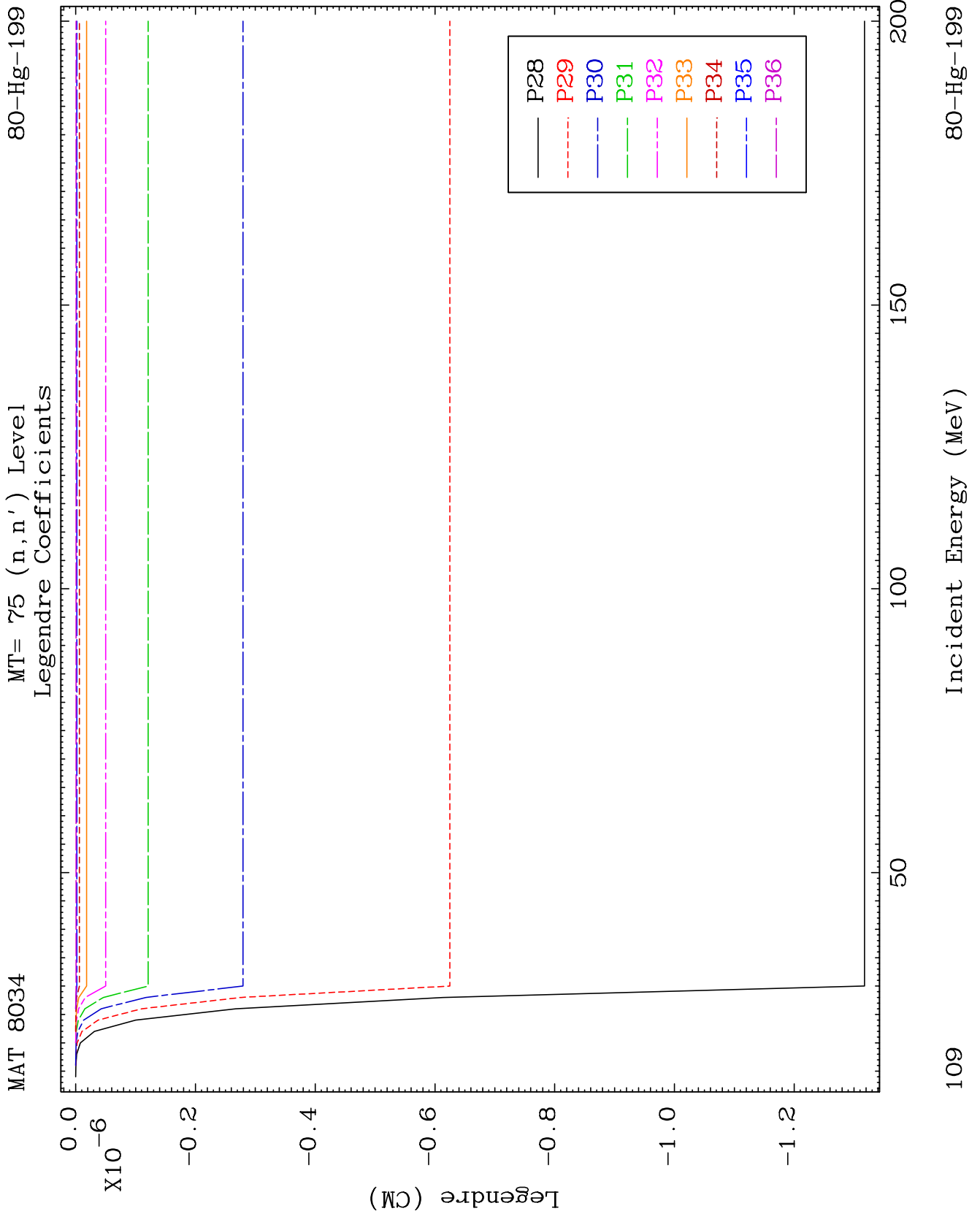
80-Hg-199



108

Incident Energy (MeV)

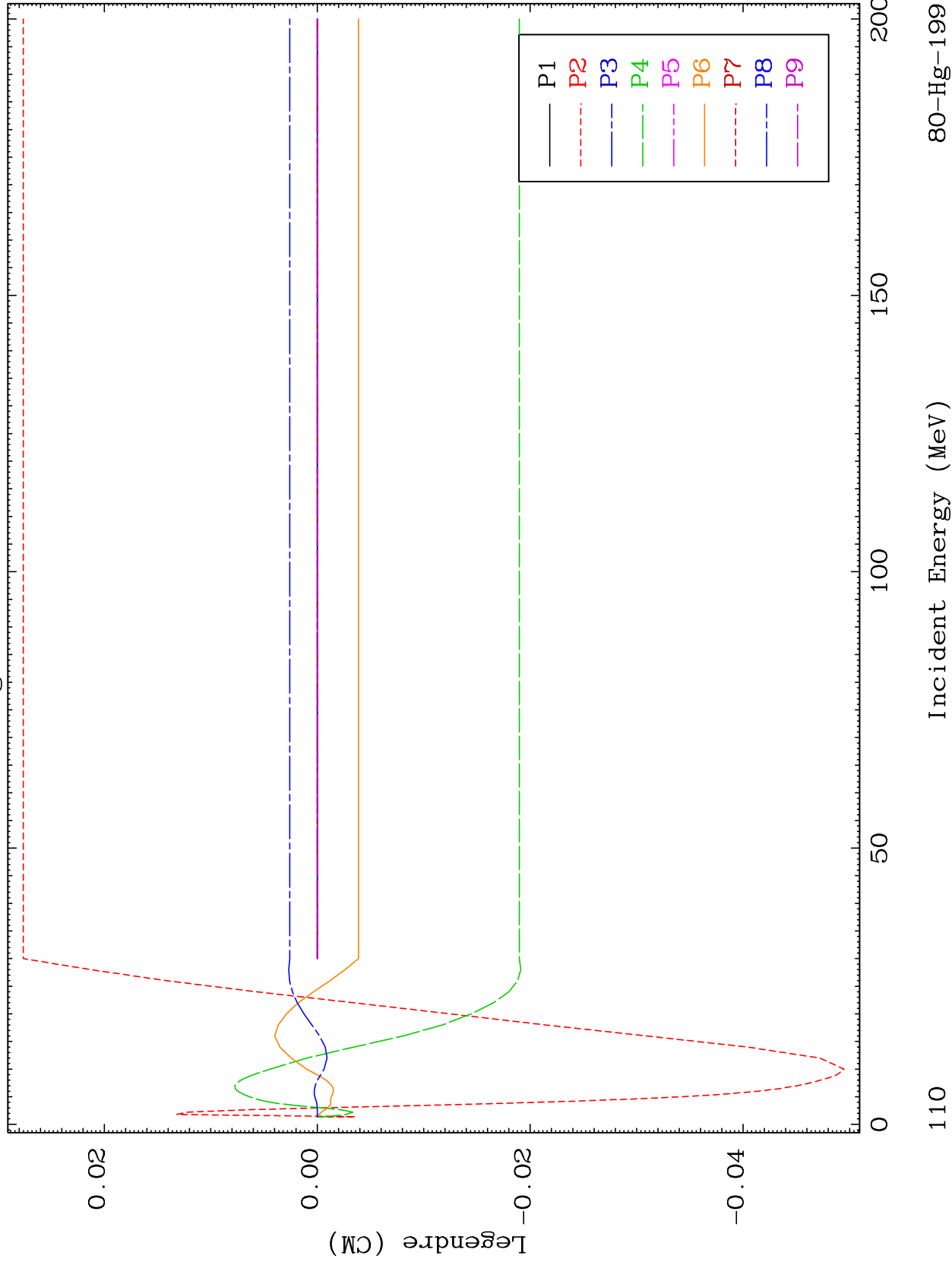
80-Hg-199



MAT 8034

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

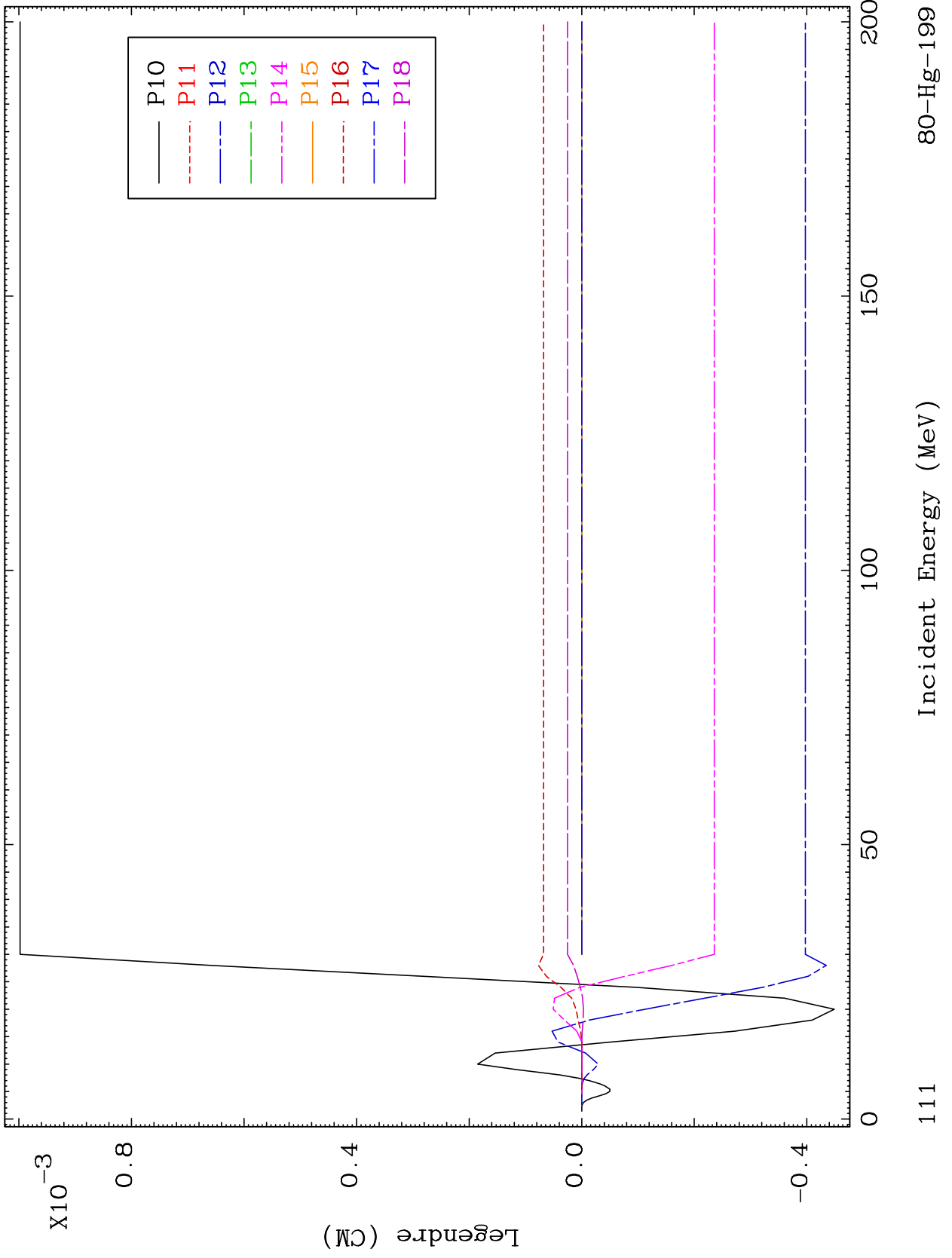
80-Hg-199



MAT 8034

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

80-Hg-199

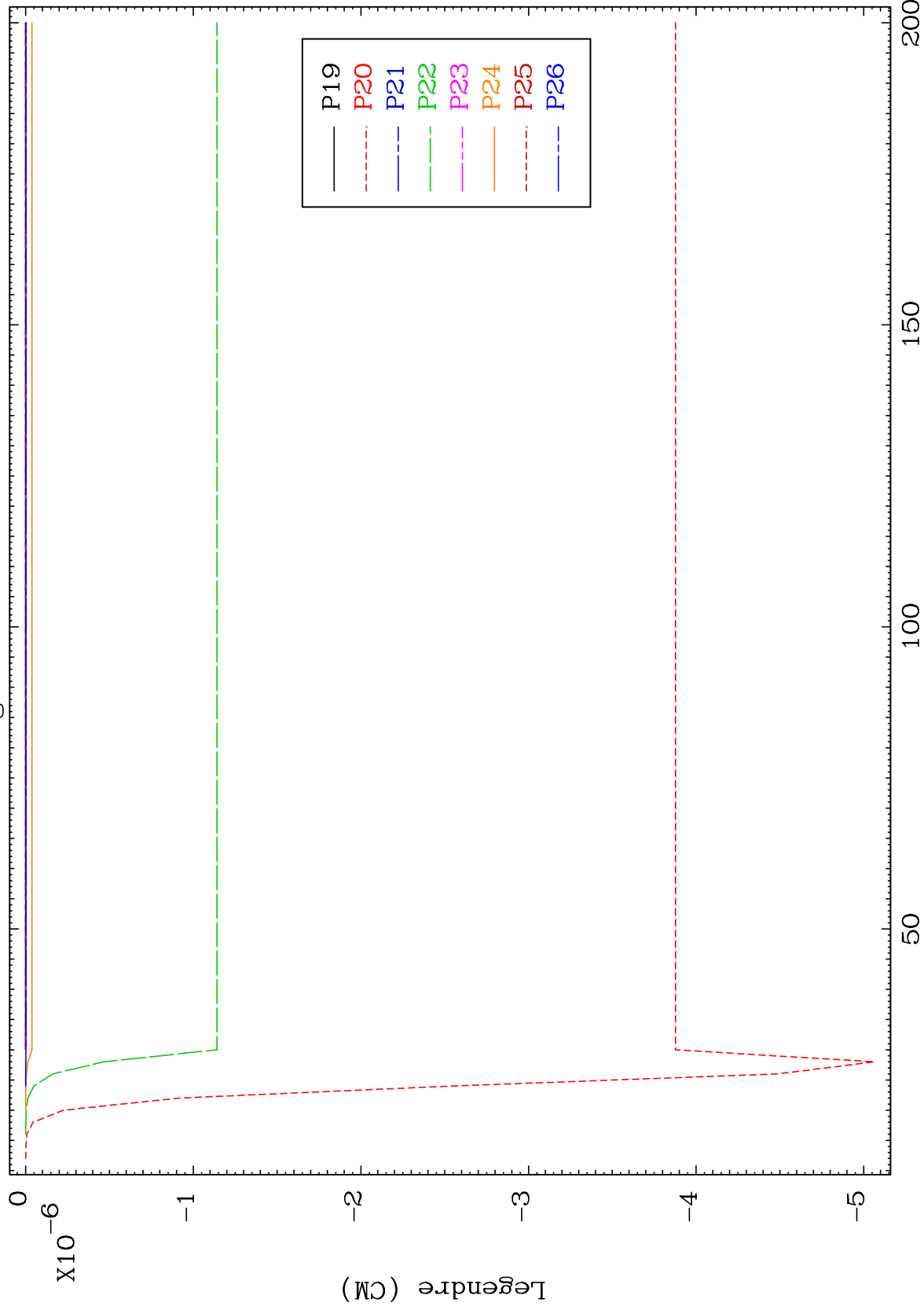


MAT 8034

MT= 76 (n,n') Level

80-Hg-199

Legendre Coefficients



80-Hg-199

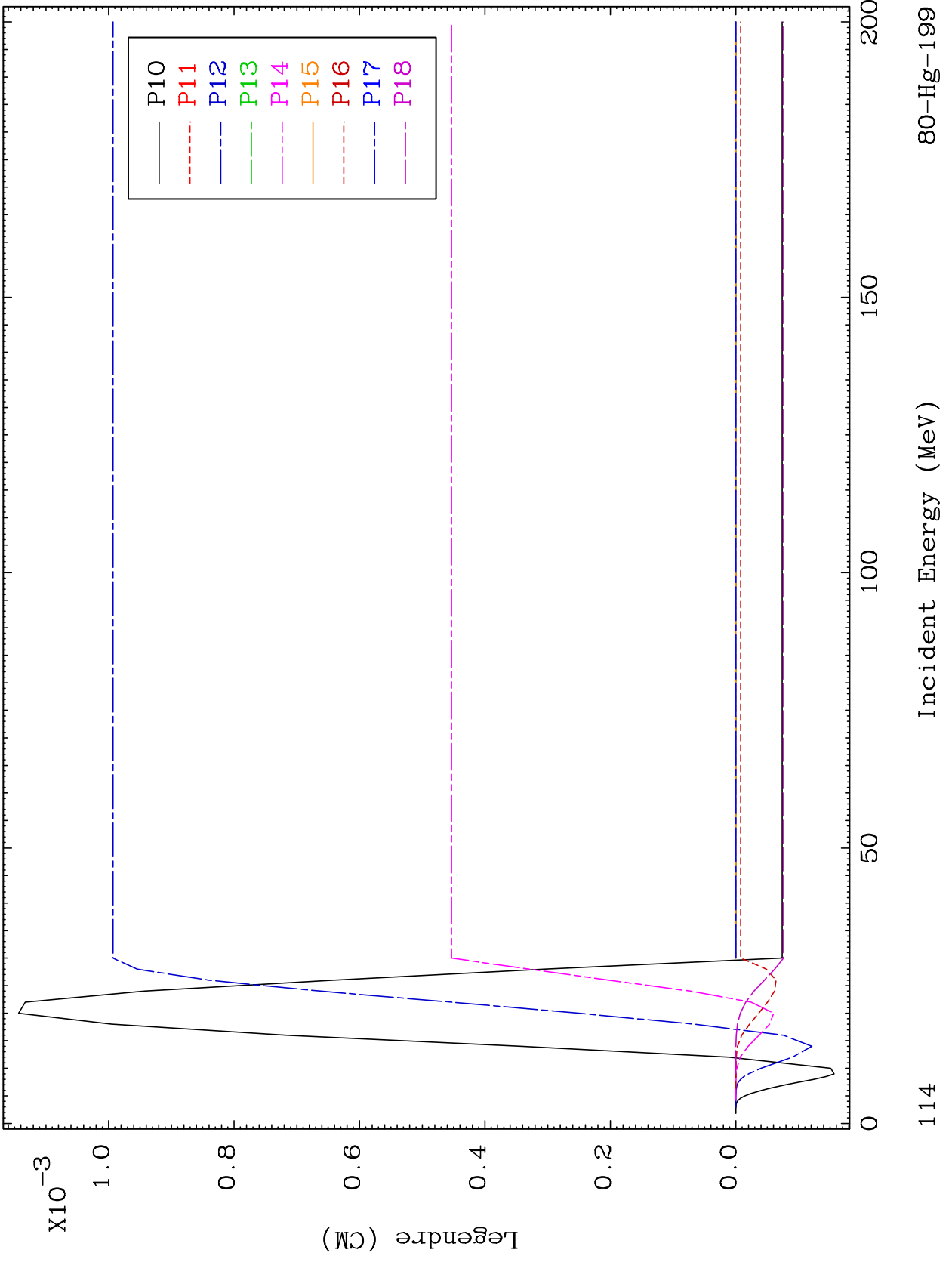
Incident Energy (MeV)

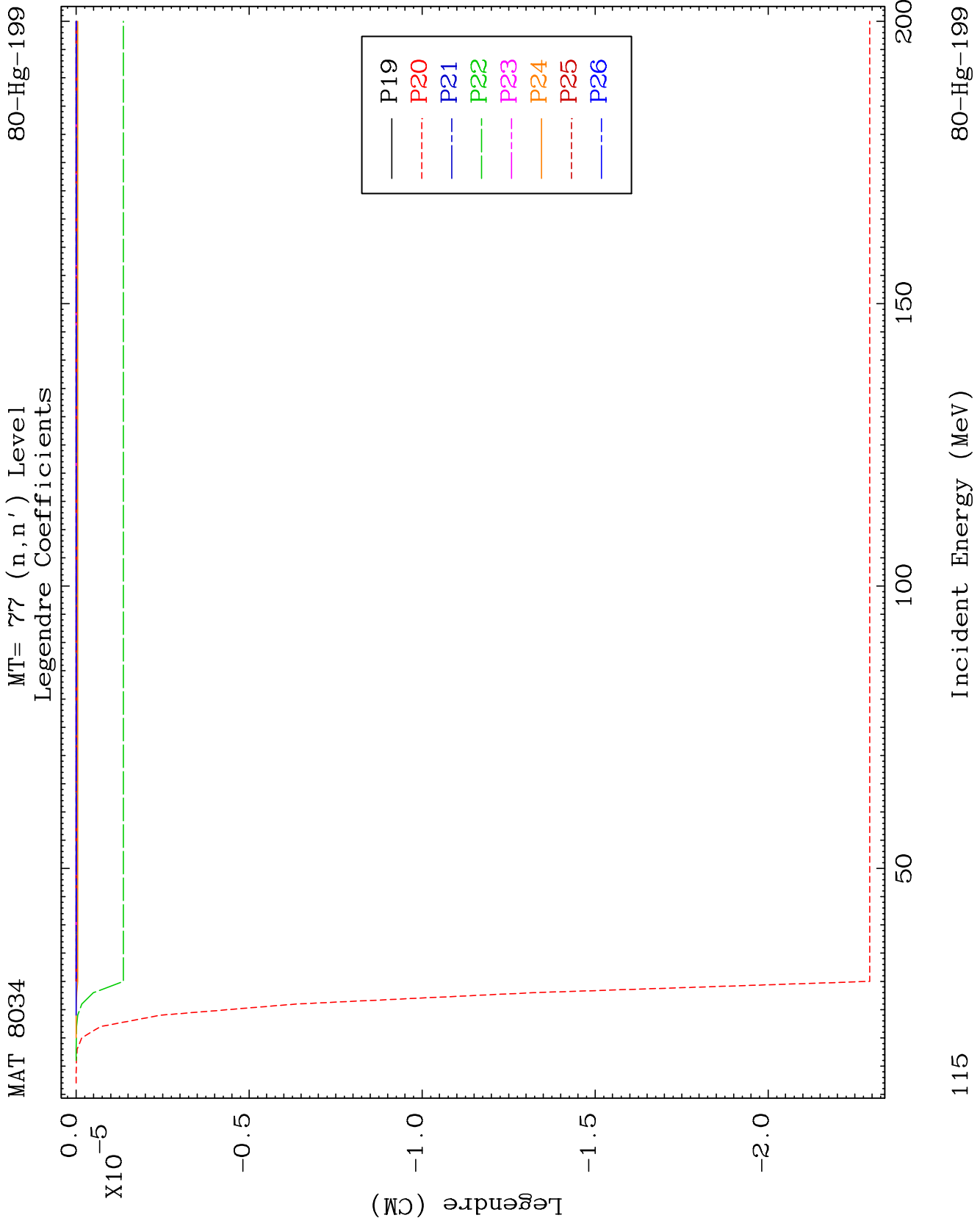
112

MAT 8034

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

80-Hg-199

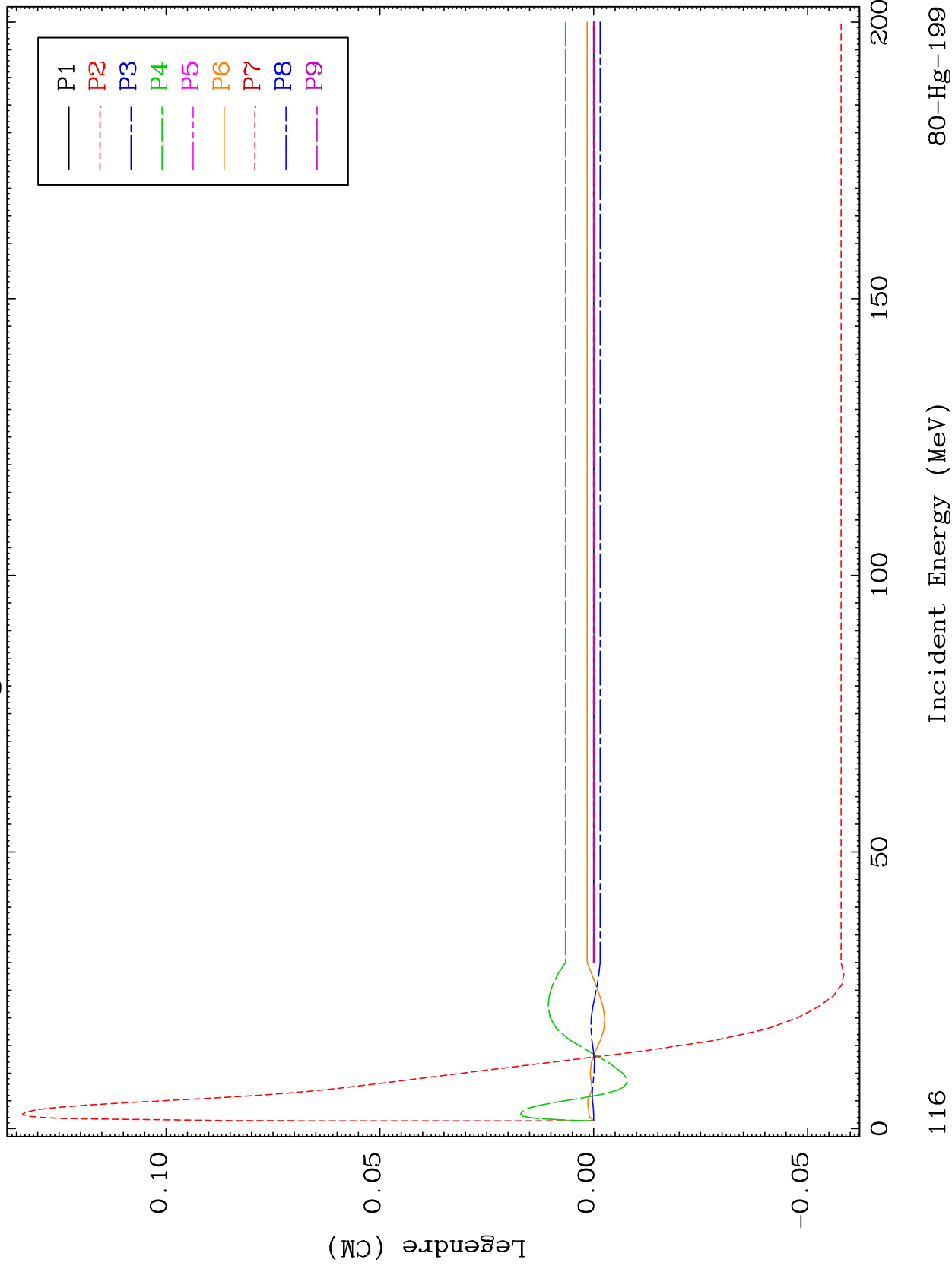




MAT 8034

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

80-Hg-199



80-Hg-199

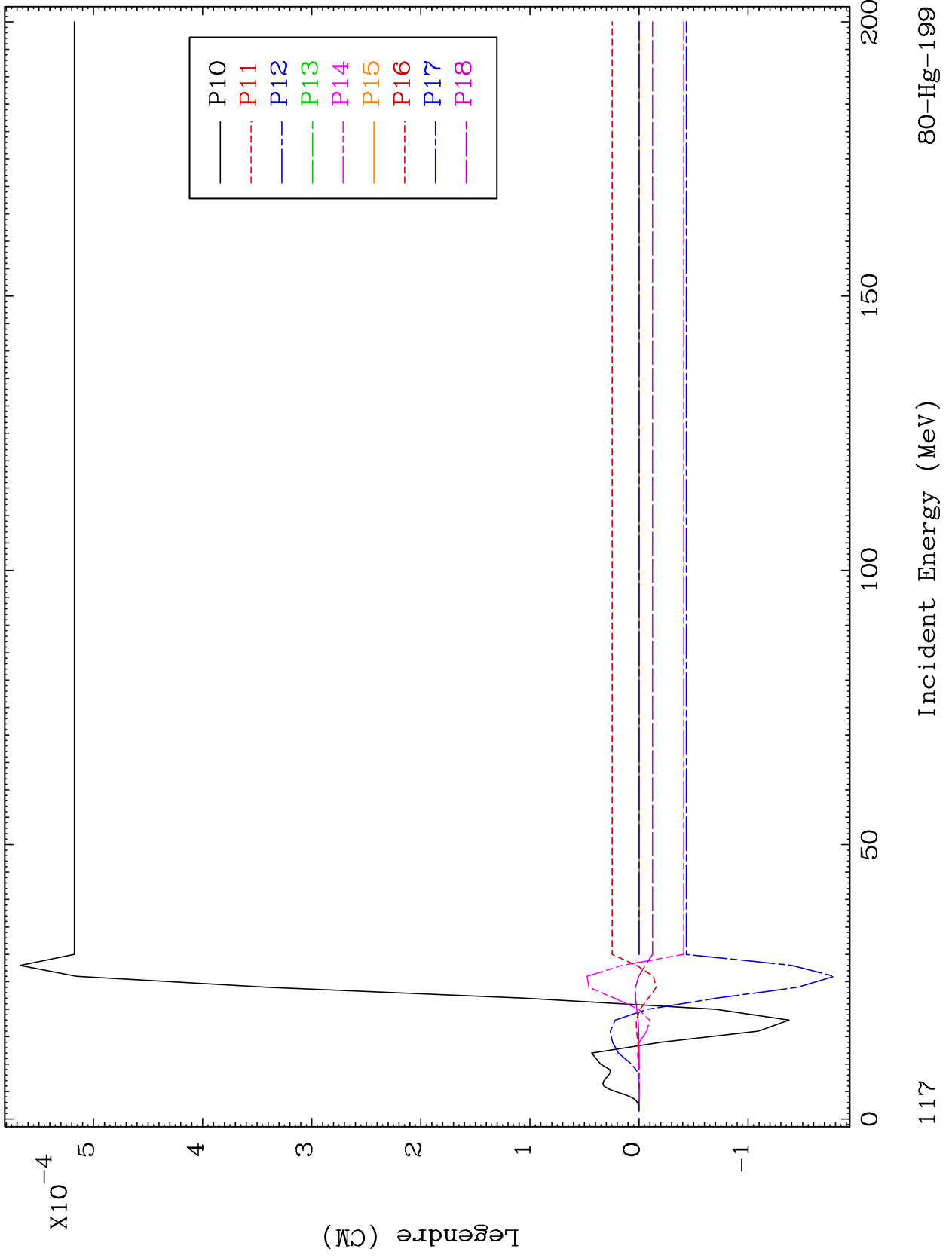
Incident Energy (MeV)

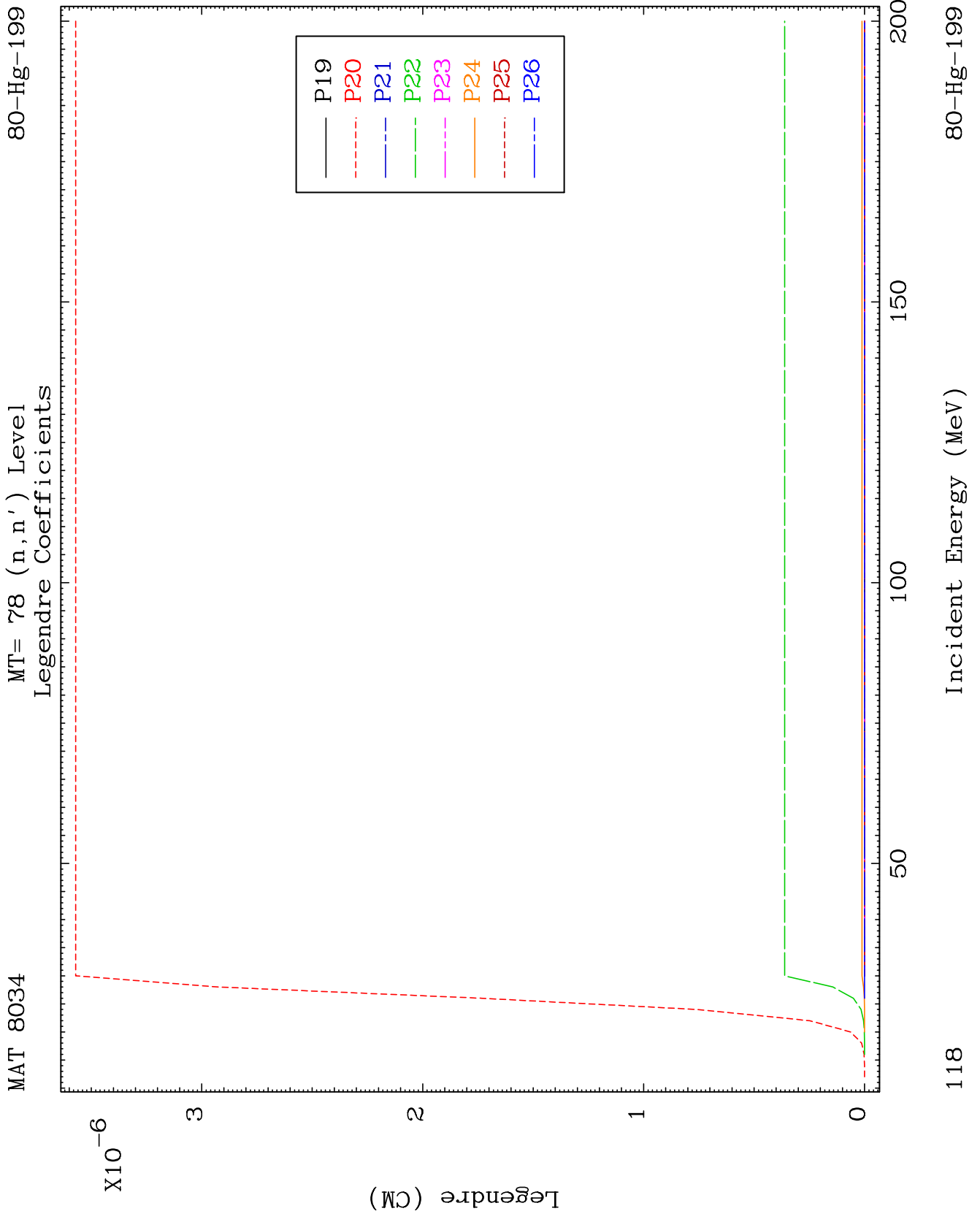
116

MAT 8034

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

80-Hg-199

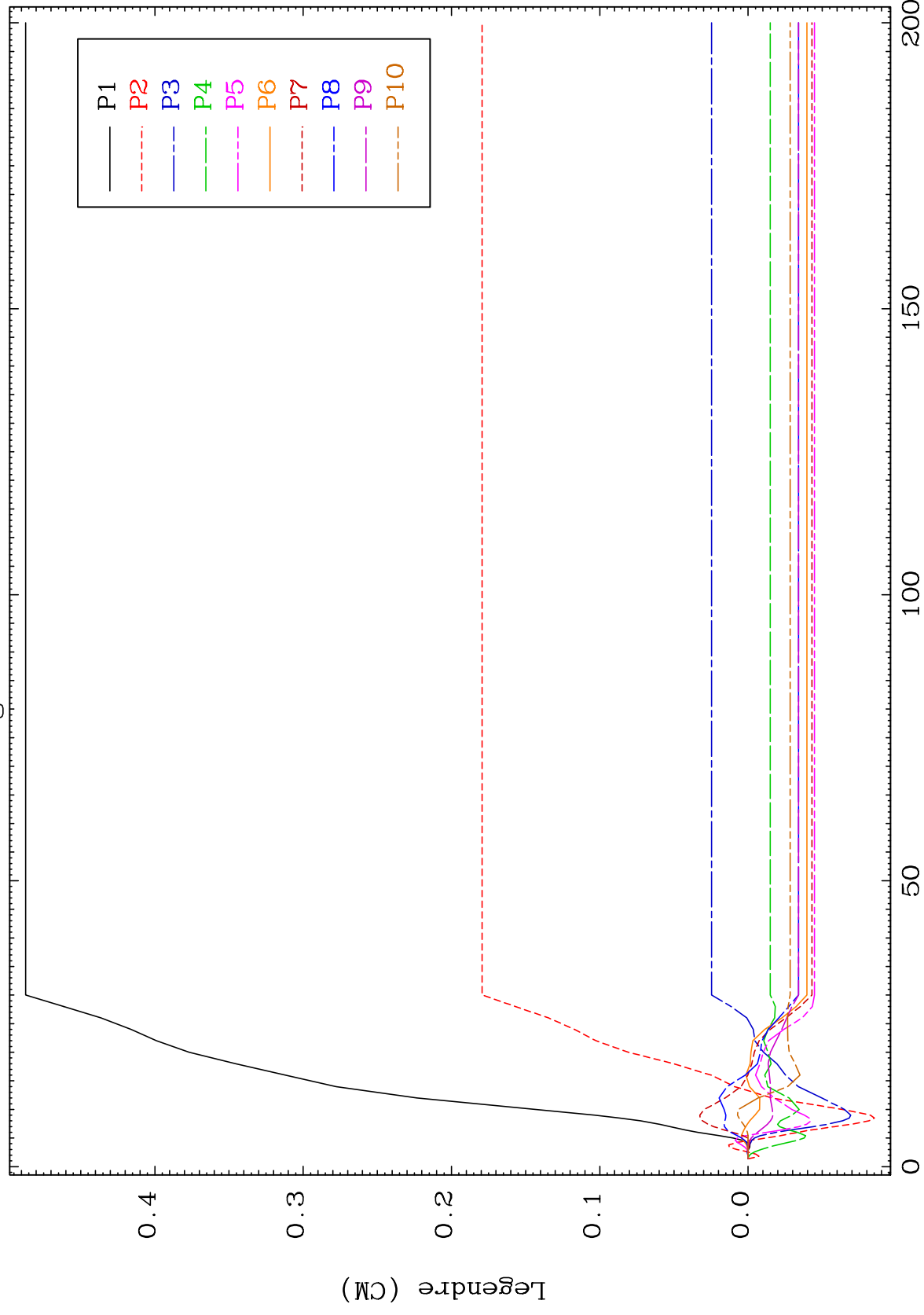




MAT 8034

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

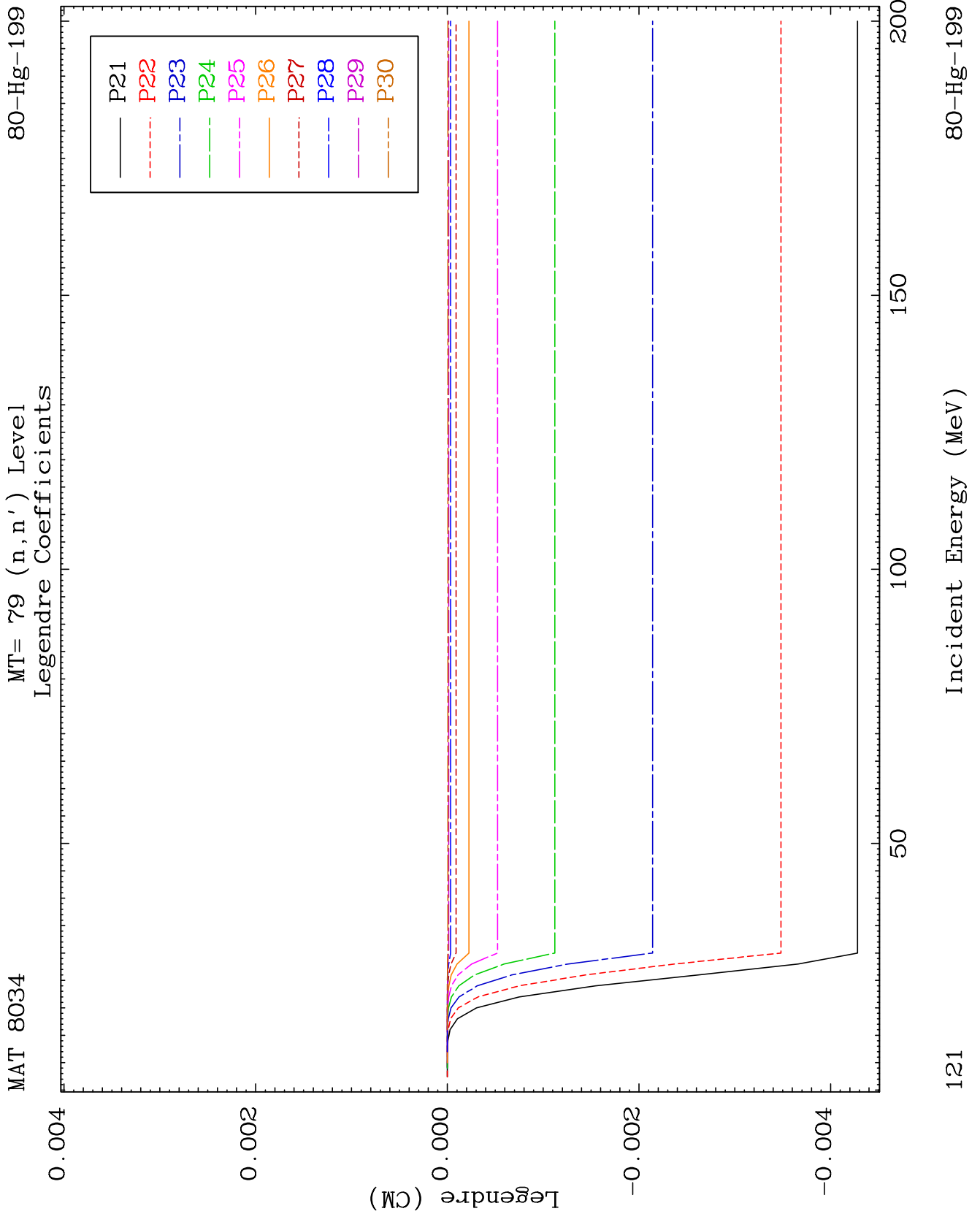
80-Hg-199

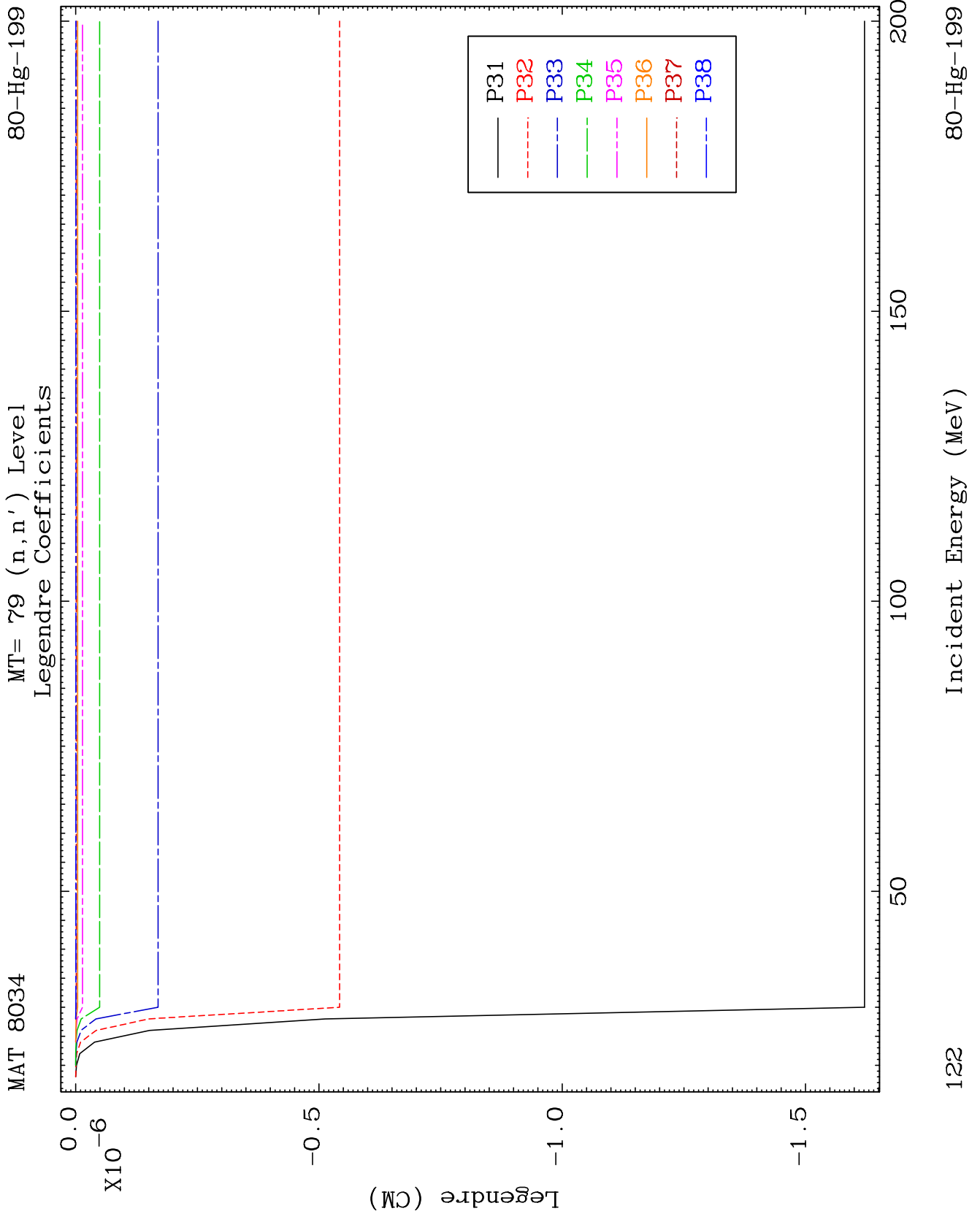


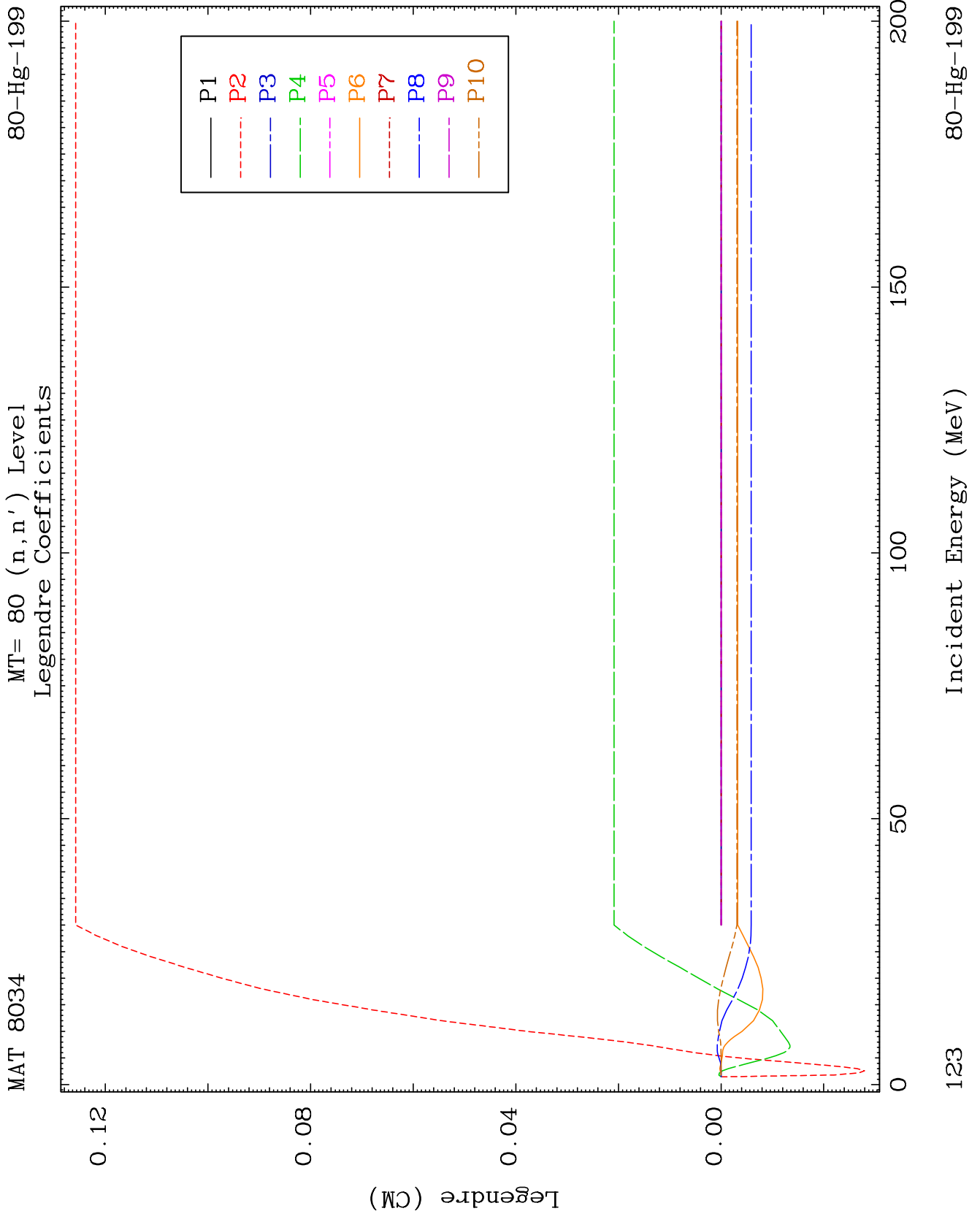
80-Hg-199

Incident Energy (MeV)

119



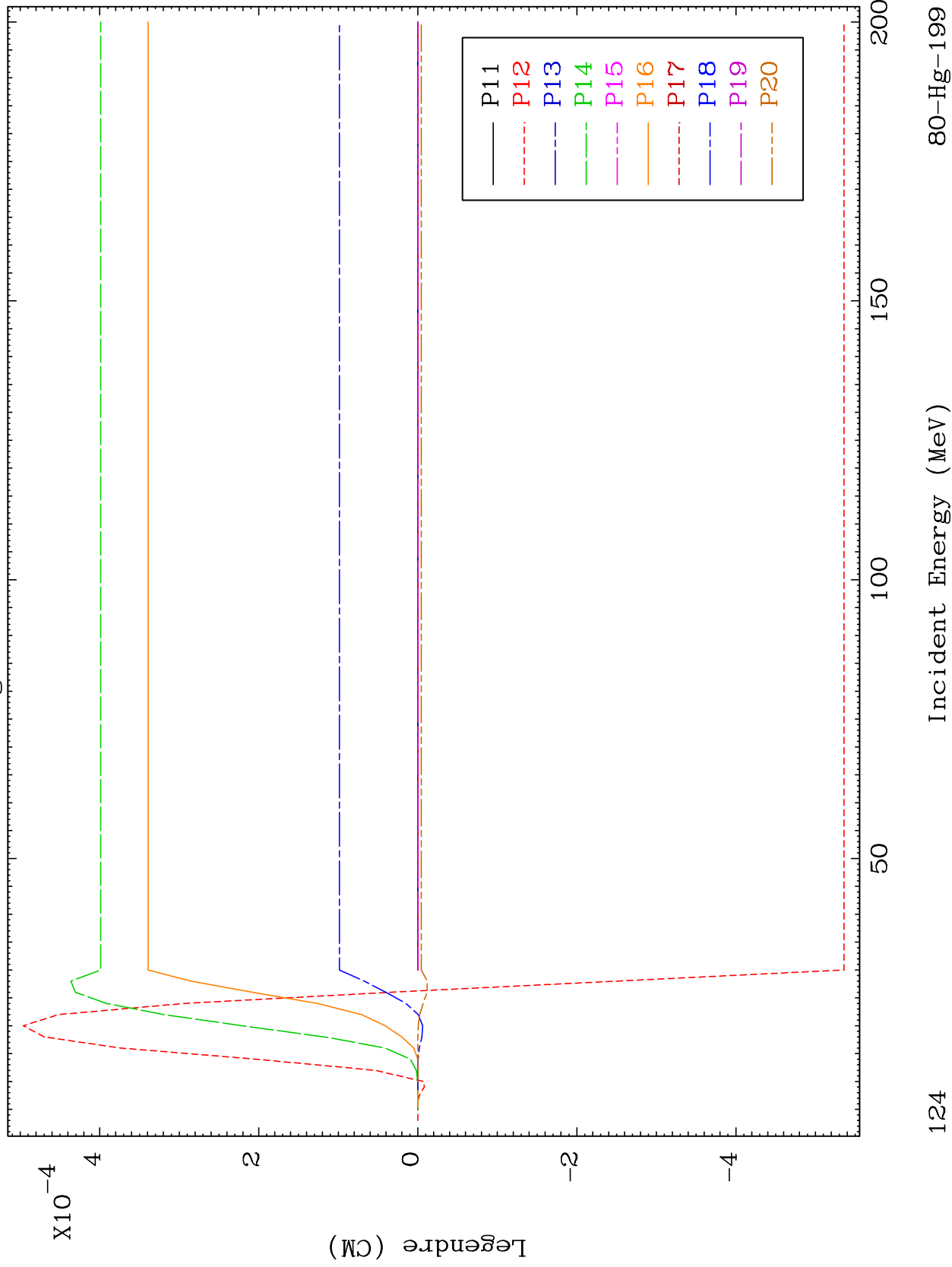




MAT 8034

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

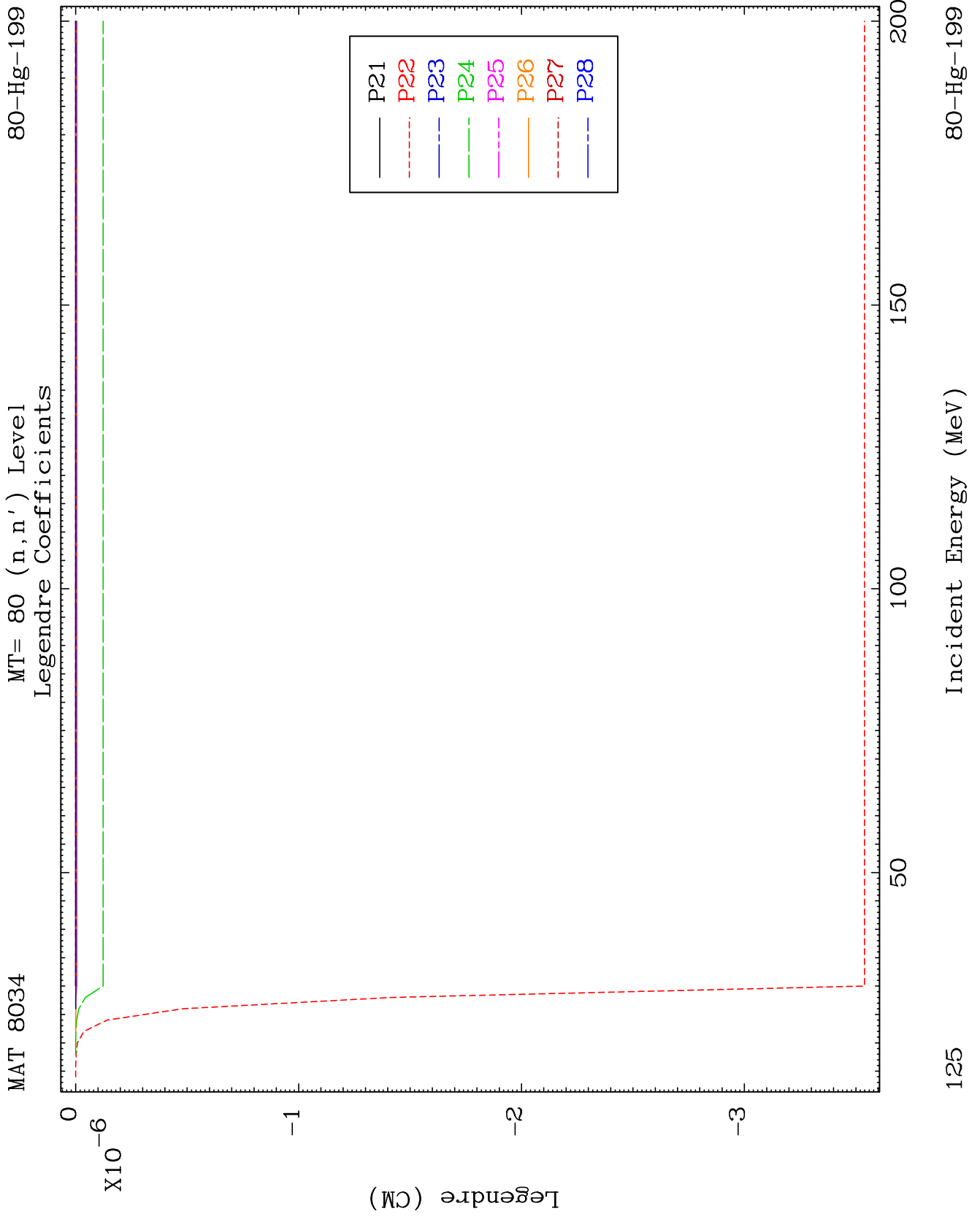
80-Hg-199



124

Incident Energy (MeV)

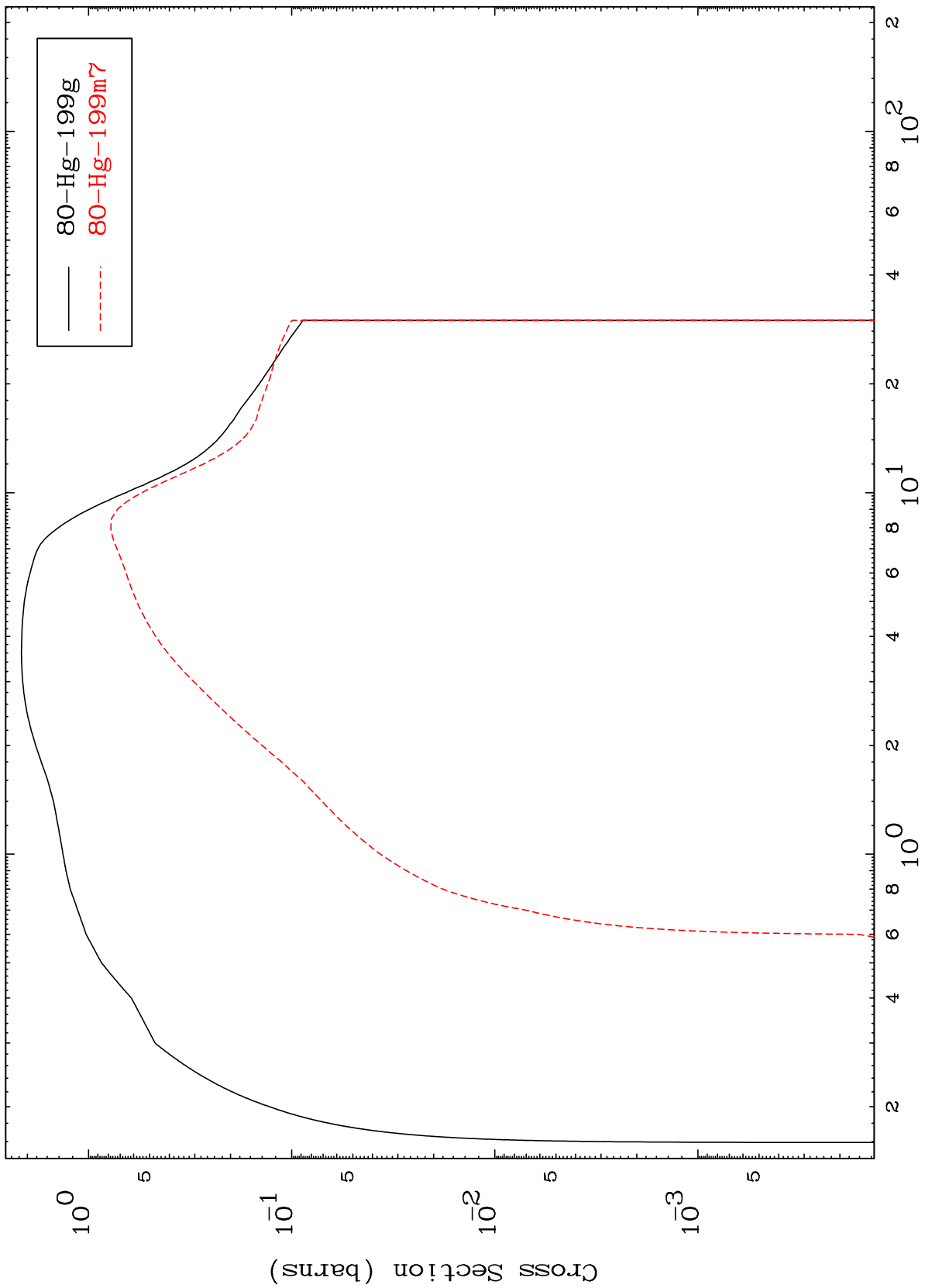
80-Hg-199



MAT 8034

80-Hg-199

Inelastic
Radionuclide Production Cross Section



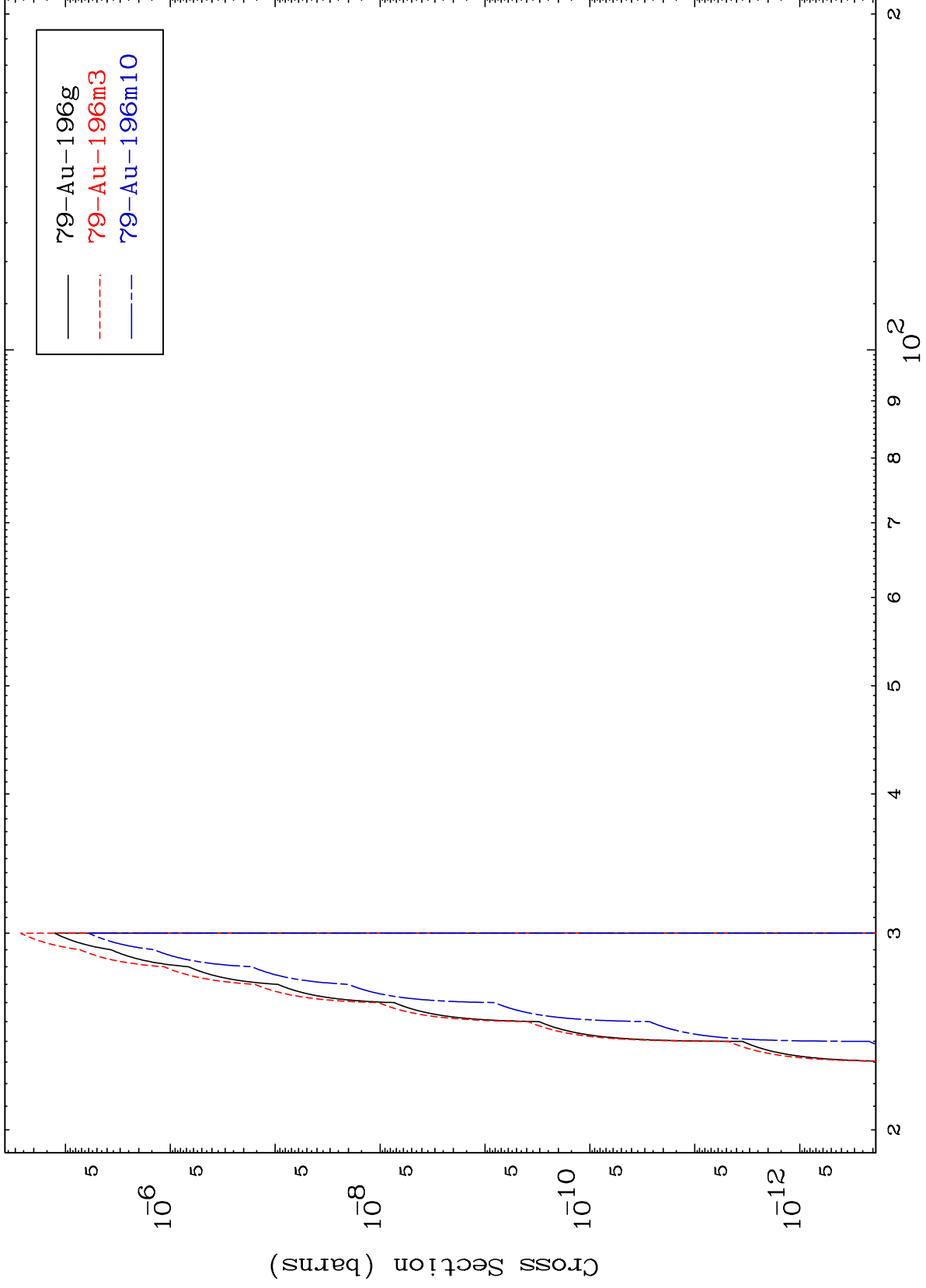
— 80-Hg-199g
- - - 80-Hg-199m7

126

Incident Energy (MeV)

80-Hg-199

Radionuclide Production Cross Section

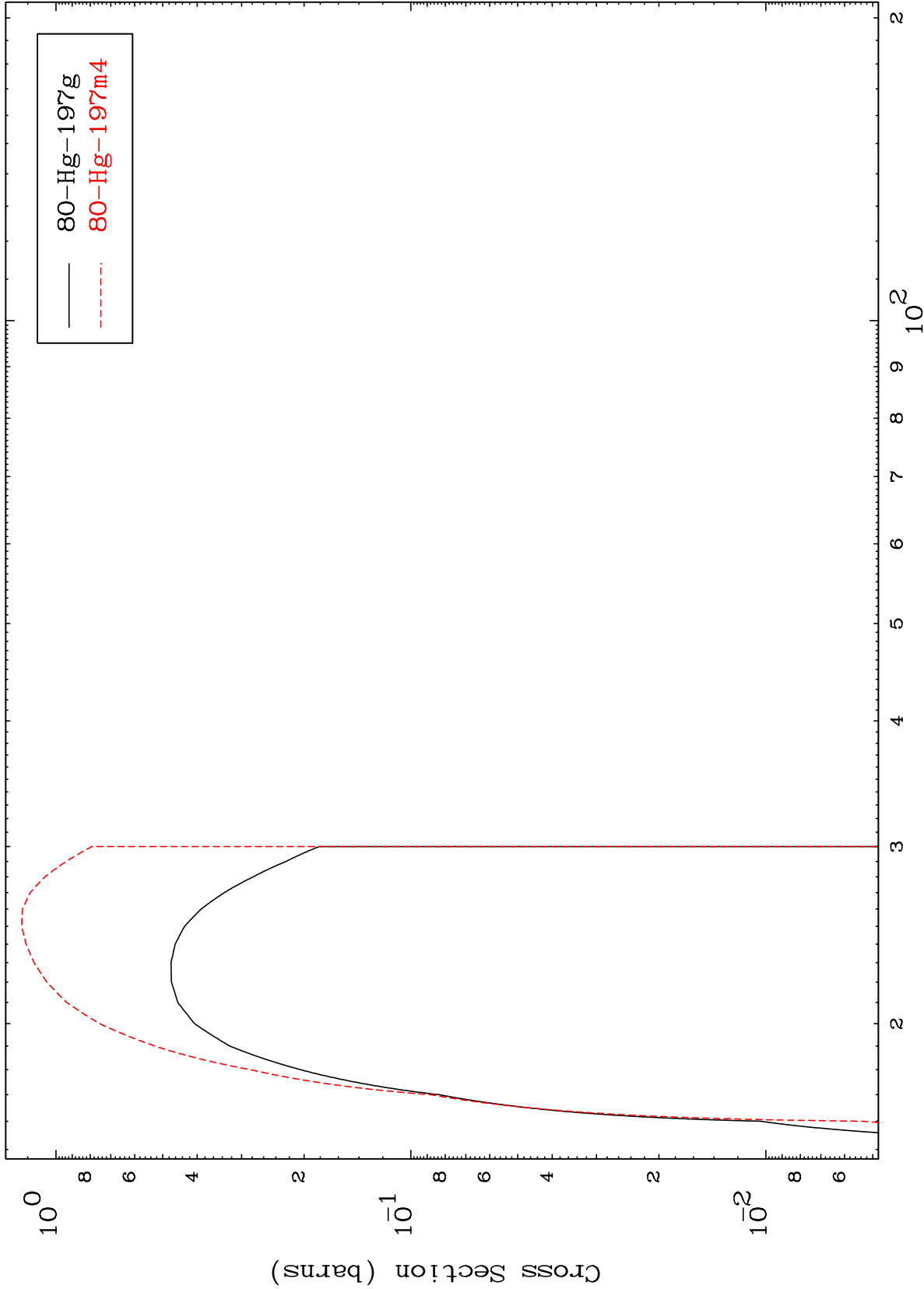


MAT 8034

(n,3n)

80-Hg-199

Radionuclide Production Cross Section



128

Incident Energy (MeV)

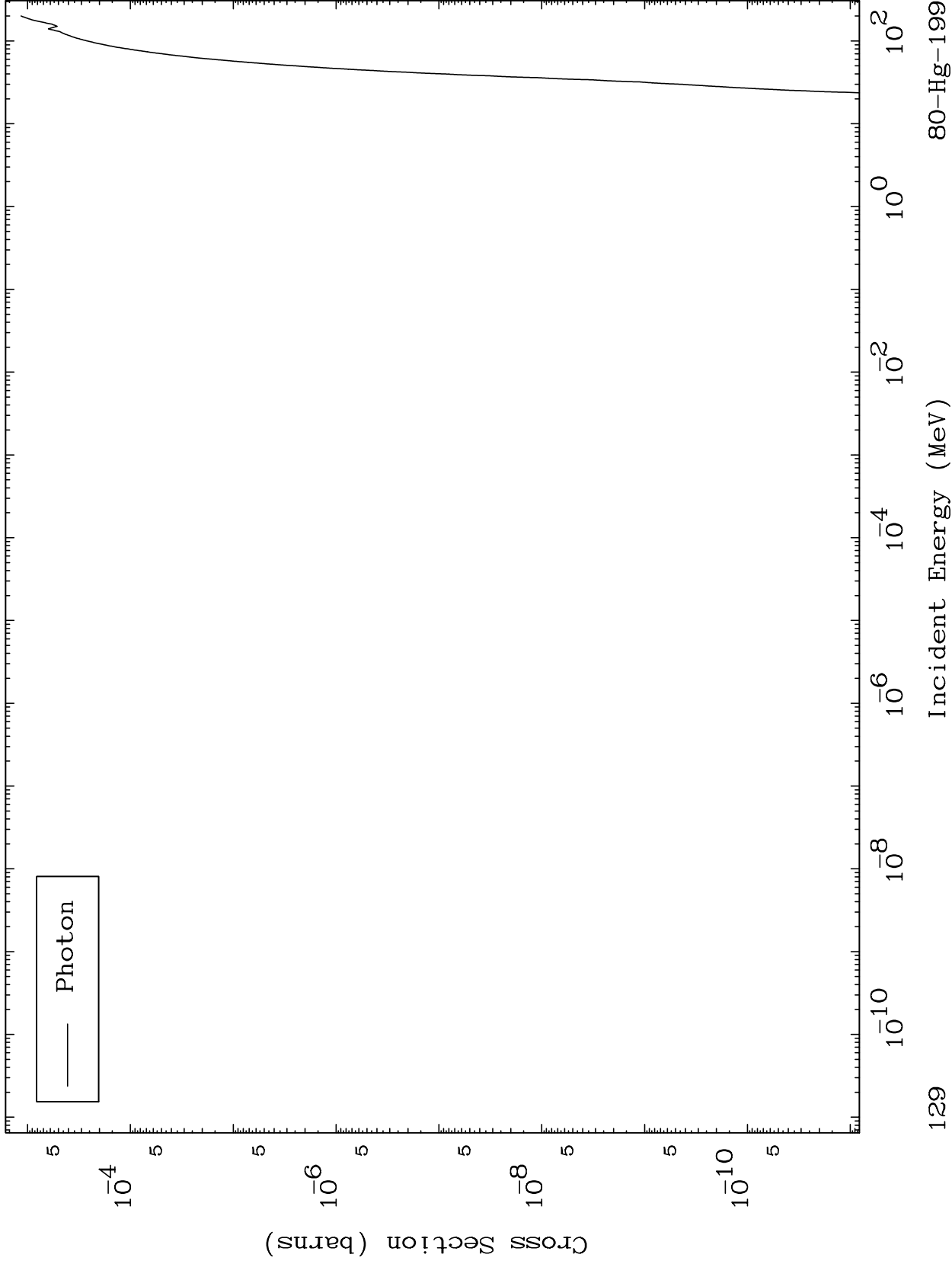
80-Hg-199

MAT 8034

Fission

80-Hg-199

Radionuclide Production Cross Section

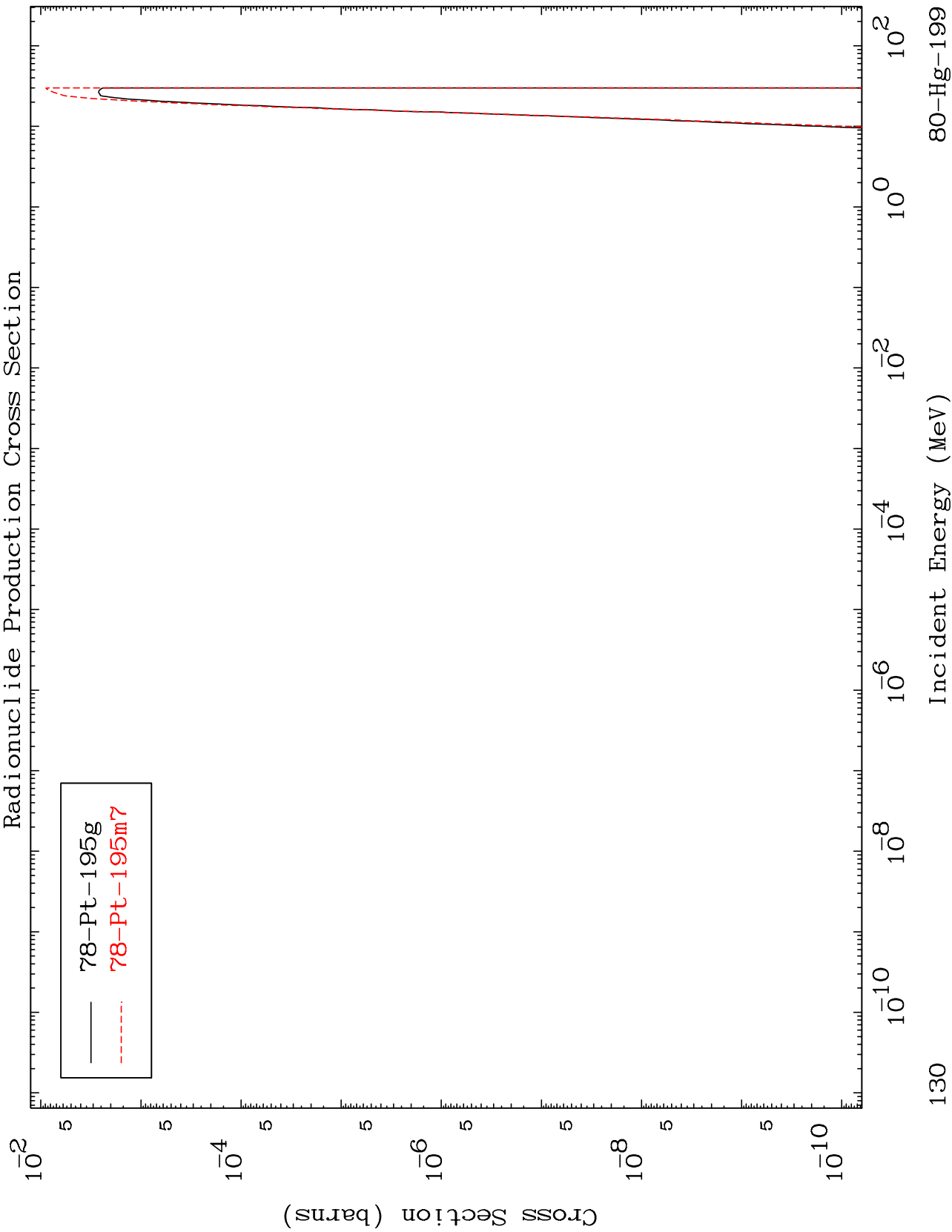


MAT 8034

$(n, n') \alpha$

80-Hg-199

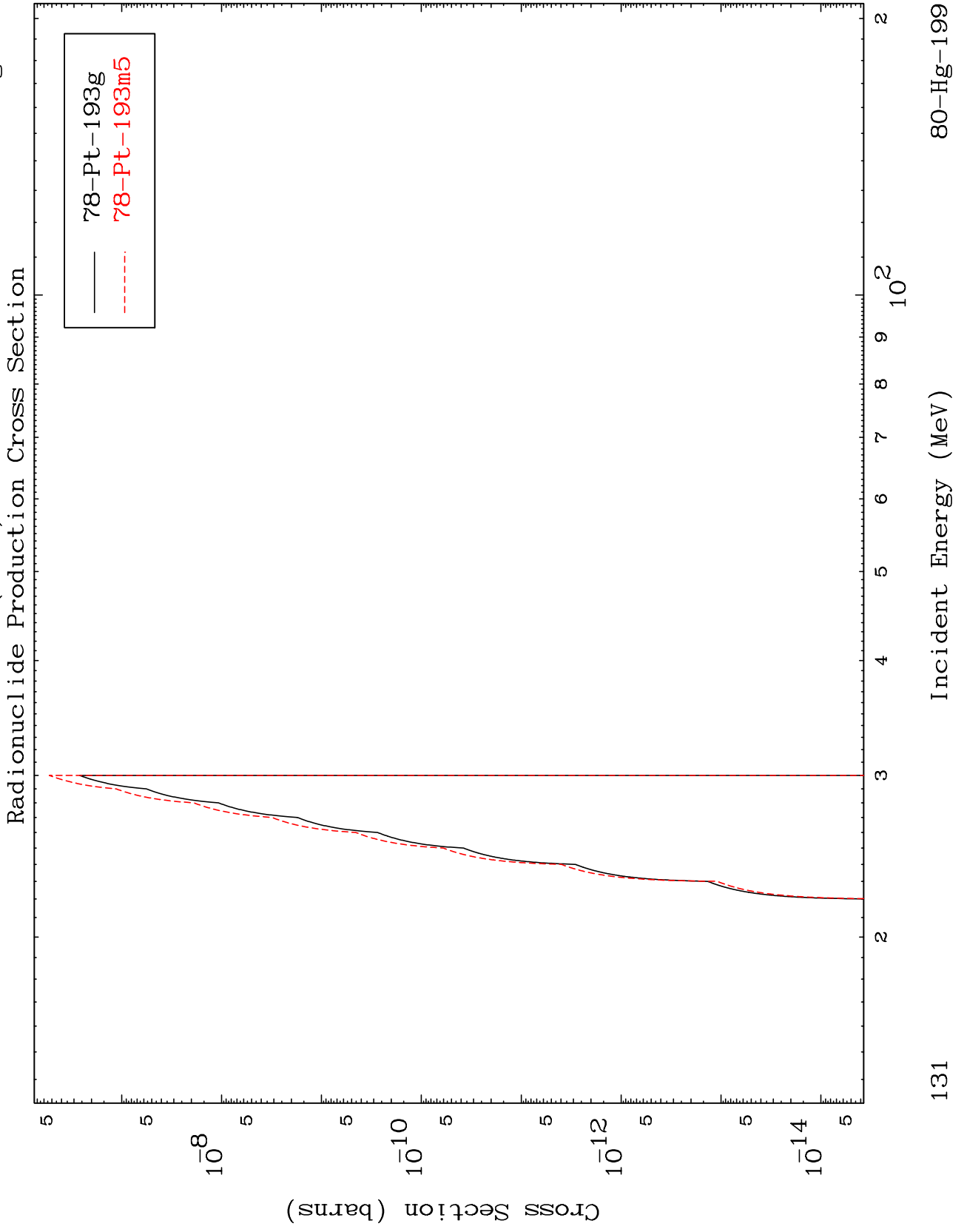
Radionuclide Production Cross Section



MAT 8034

$(n,3n) \alpha$

80-Hg-199



131

Incident Energy (MeV)

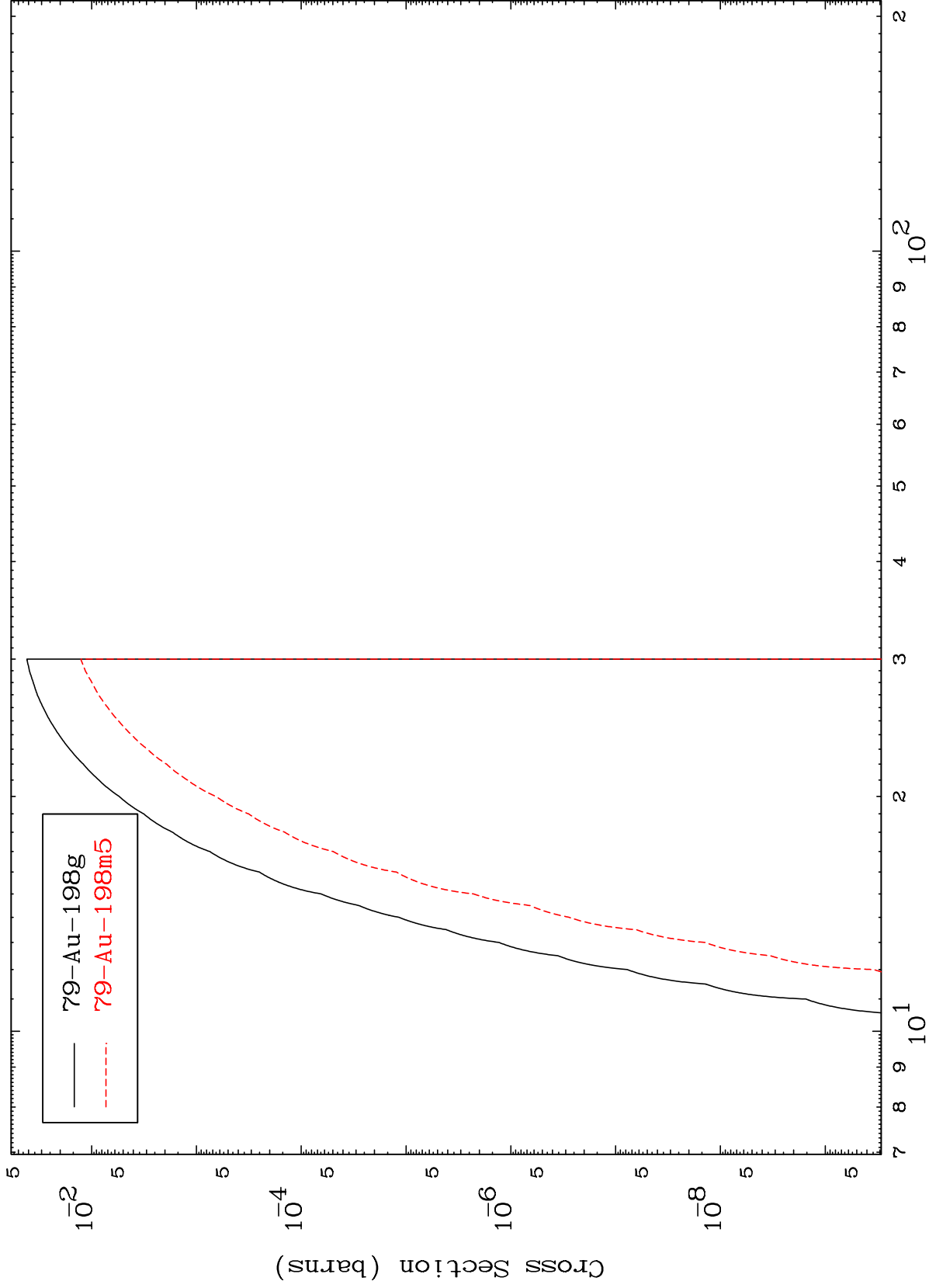
80-Hg-199

MAT 8034

(n,n') p

80-Hg-199

Radionuclide Production Cross Section



132

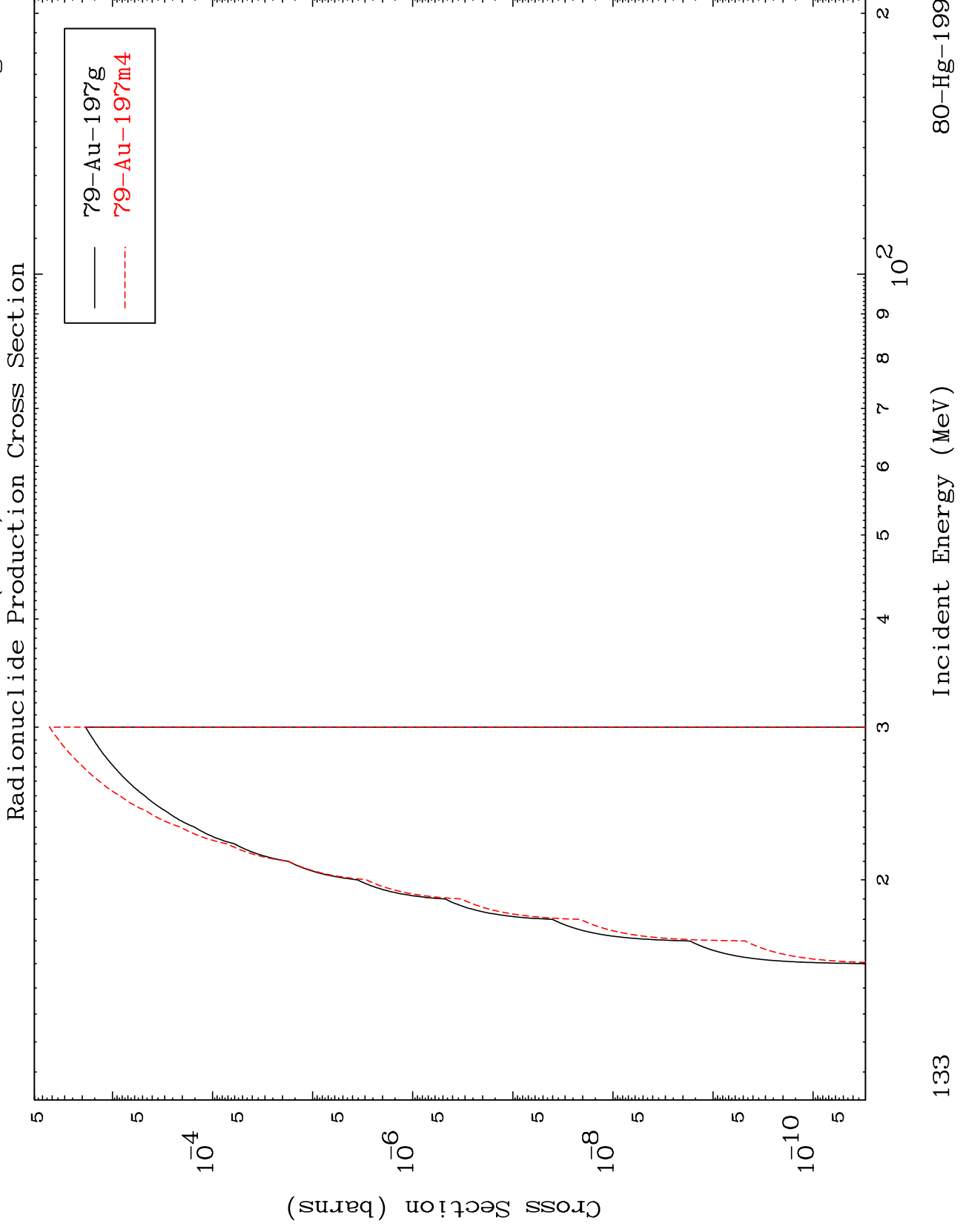
Incident Energy (MeV)

80-Hg-199

MAT 8034

(n,n') d

80-Hg-199

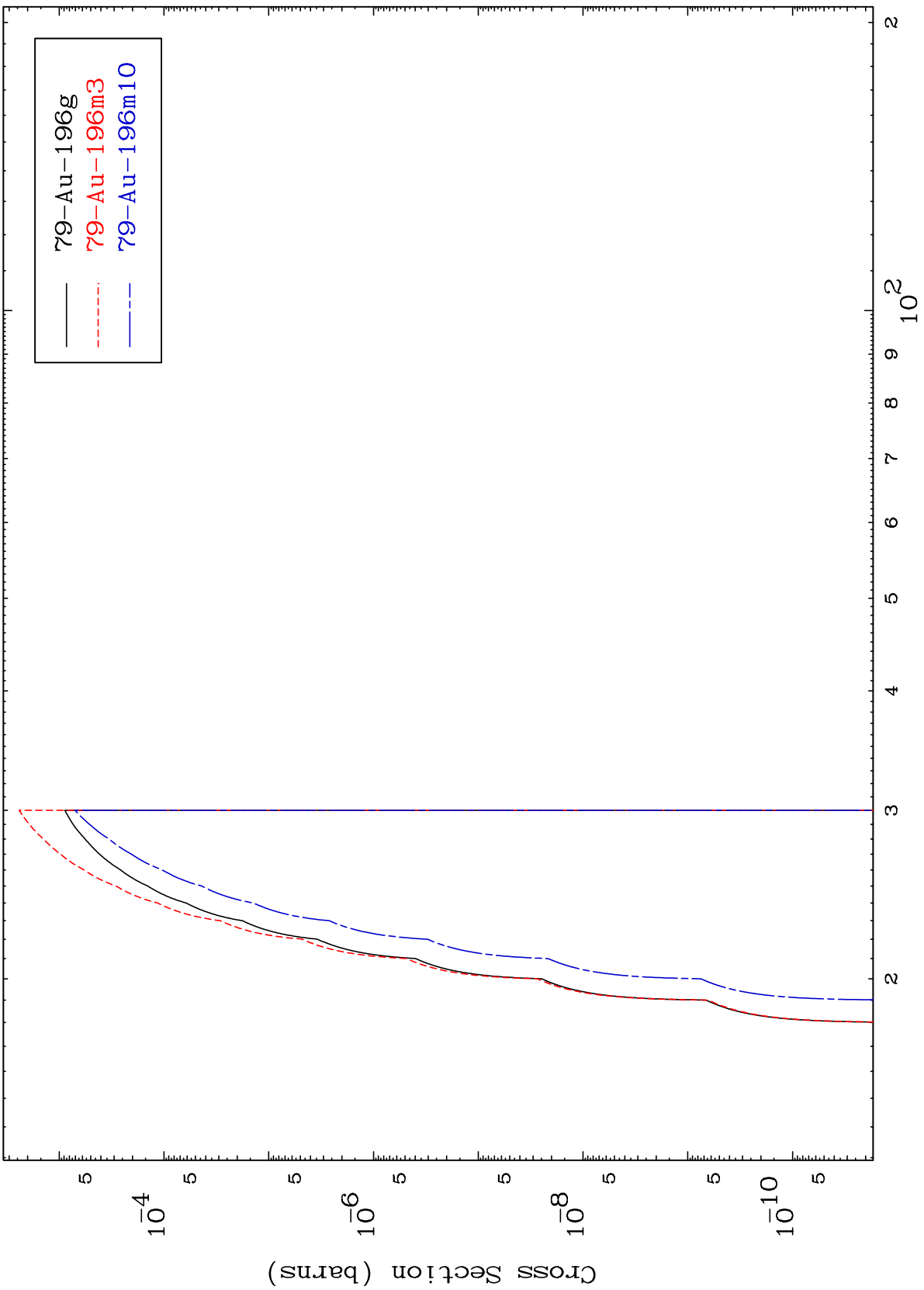


MAT 8034

(n,n') t

80-Hg-199

Radionuclide Production Cross Section



134

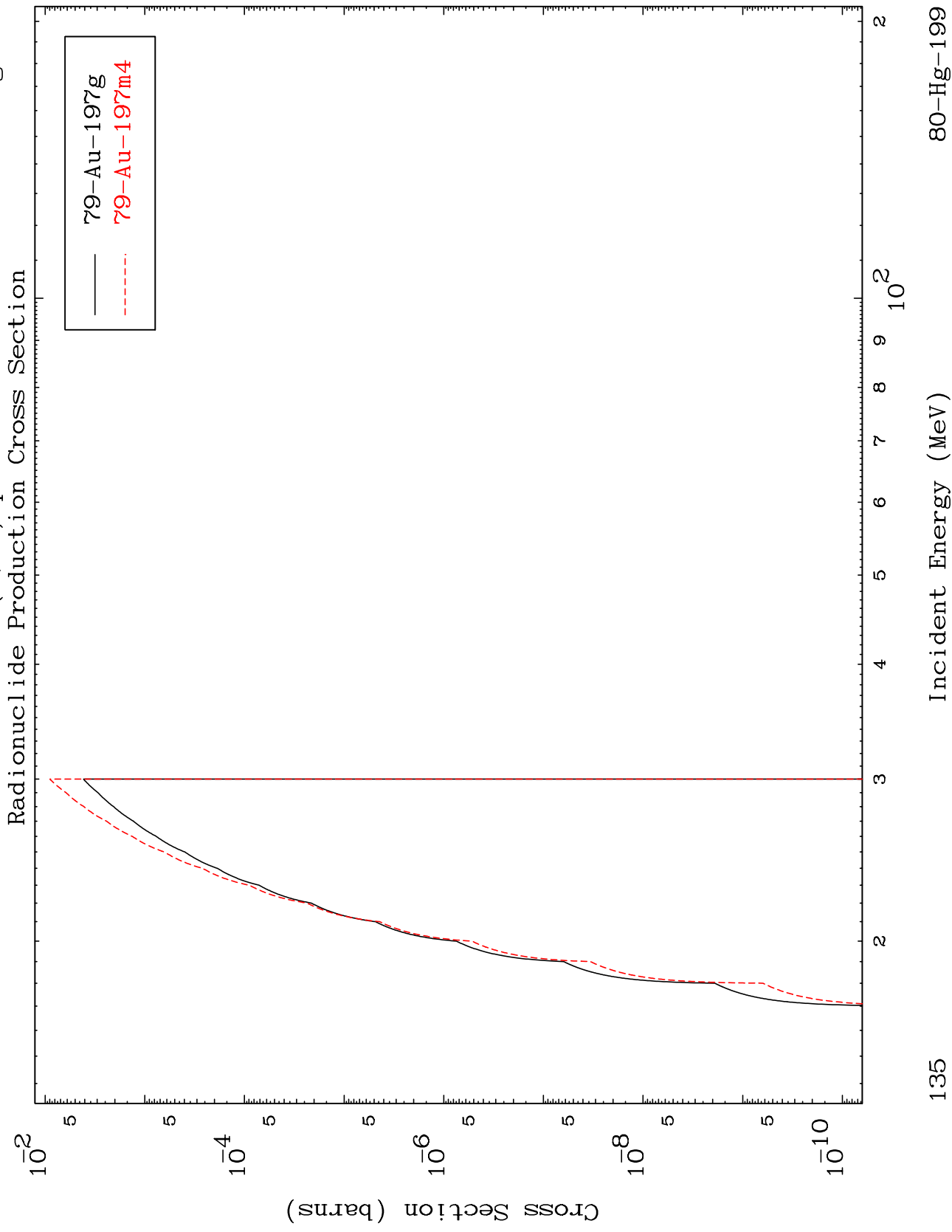
Incident Energy (MeV)

80-Hg-199

MAT 8034

(n,2n) p

80-Hg-199



135

Incident Energy (MeV)

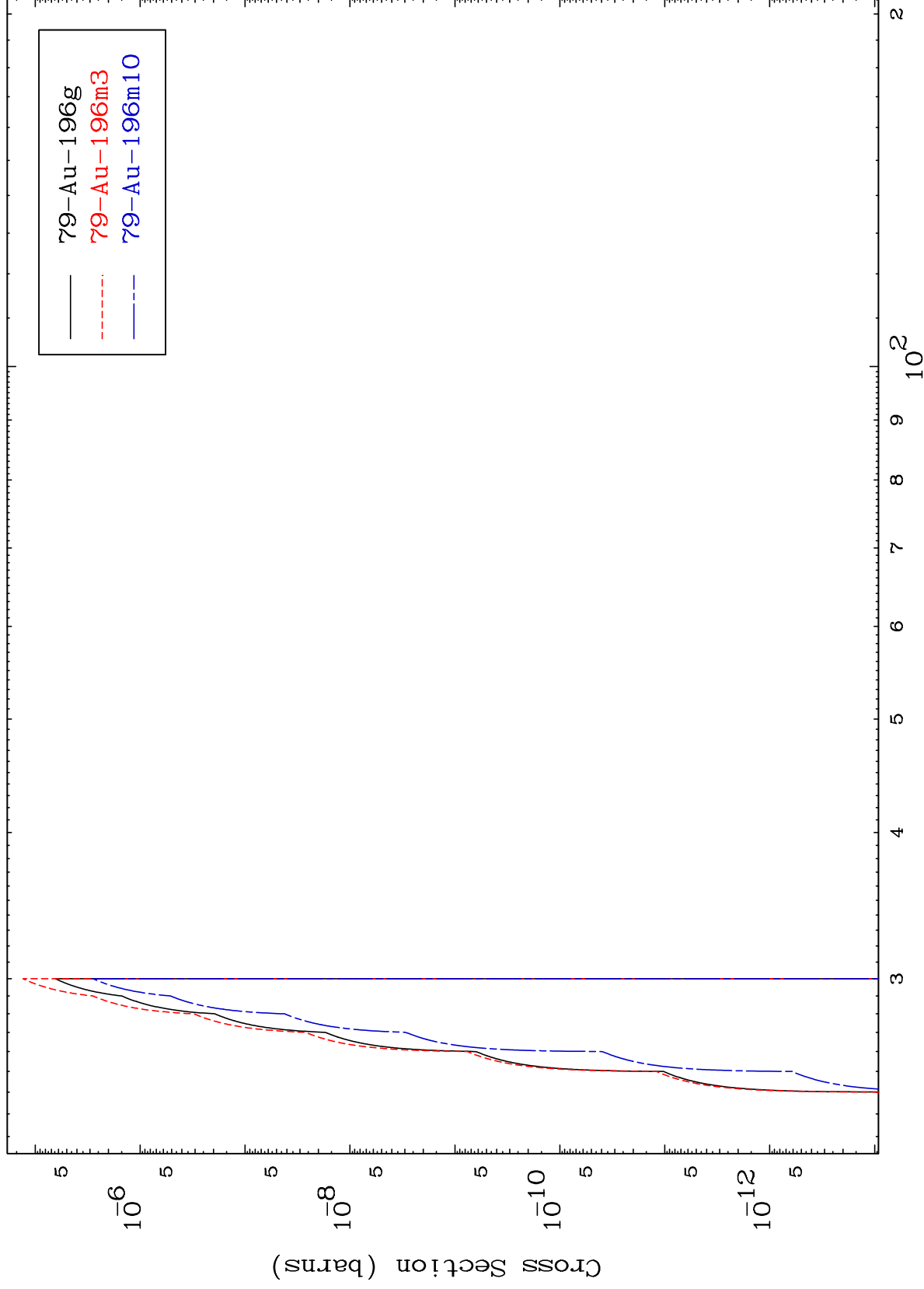
80-Hg-199

MAT 8034

(n,3n) p

80-Hg-199

Radionuclide Production Cross Section

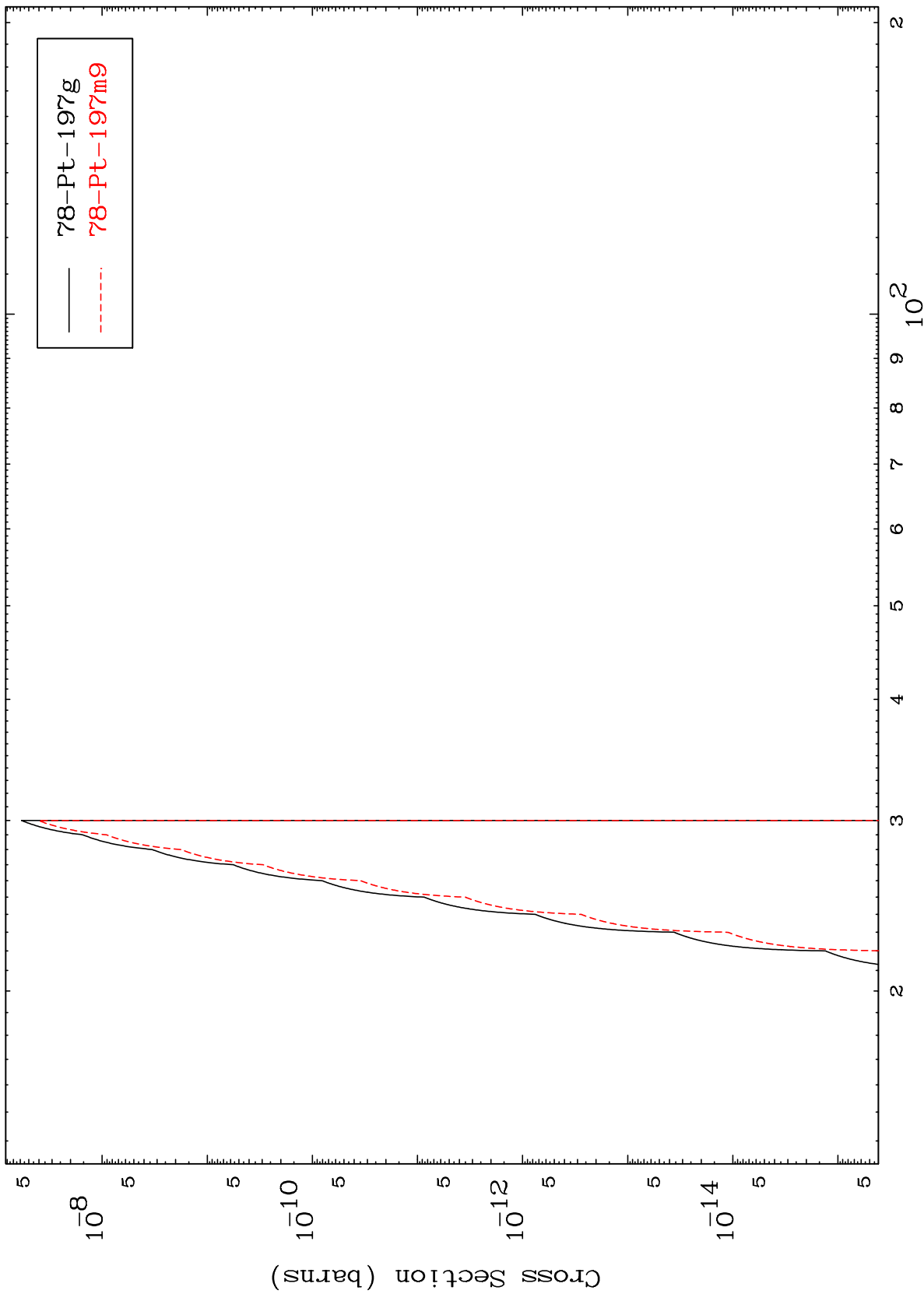


136

Incident Energy (MeV)

80-Hg-199

Radionuclide Production Cross Section

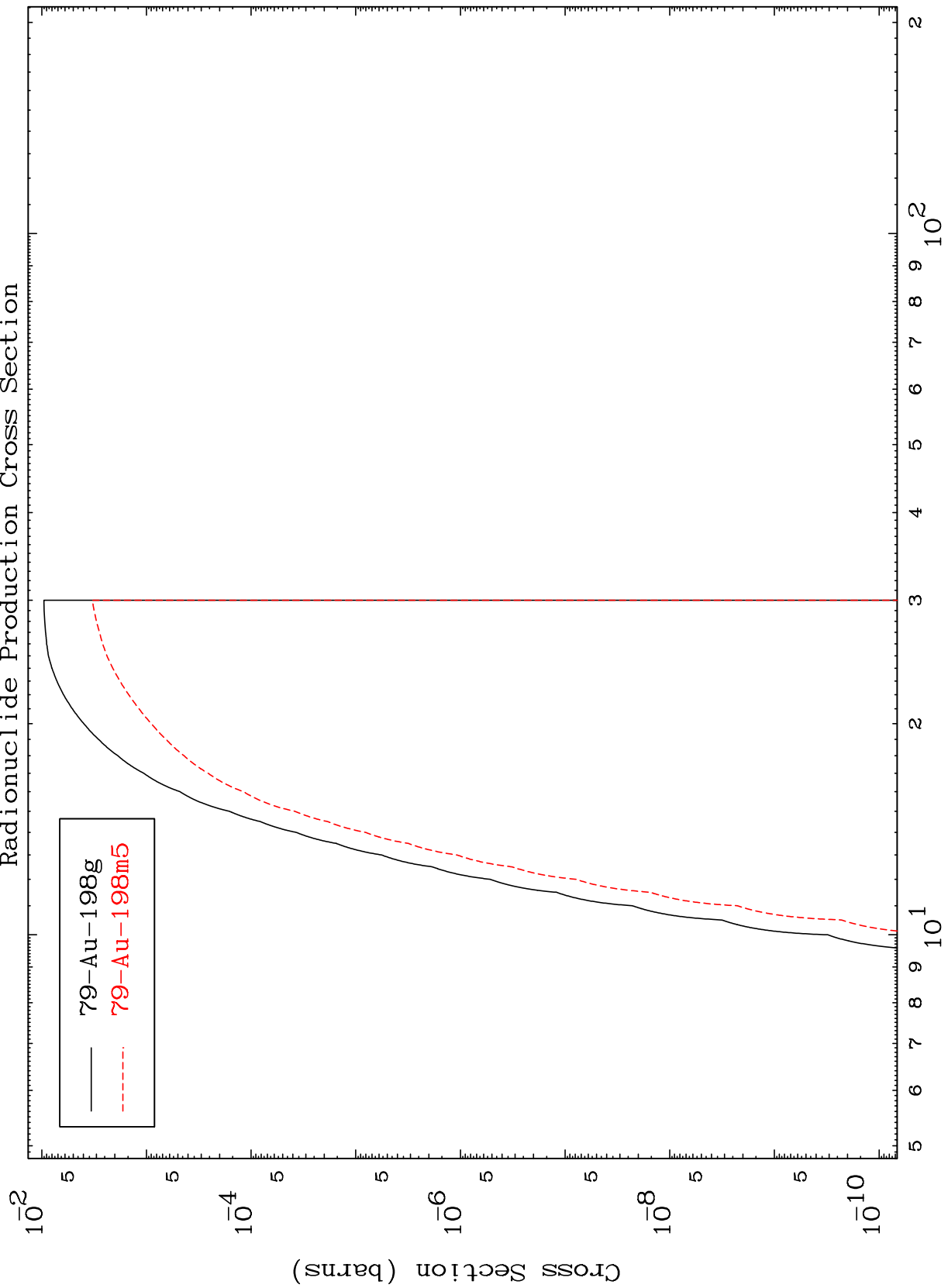


MAT 8034

(n,d)

80-Hg-199

Radionuclide Production Cross Section



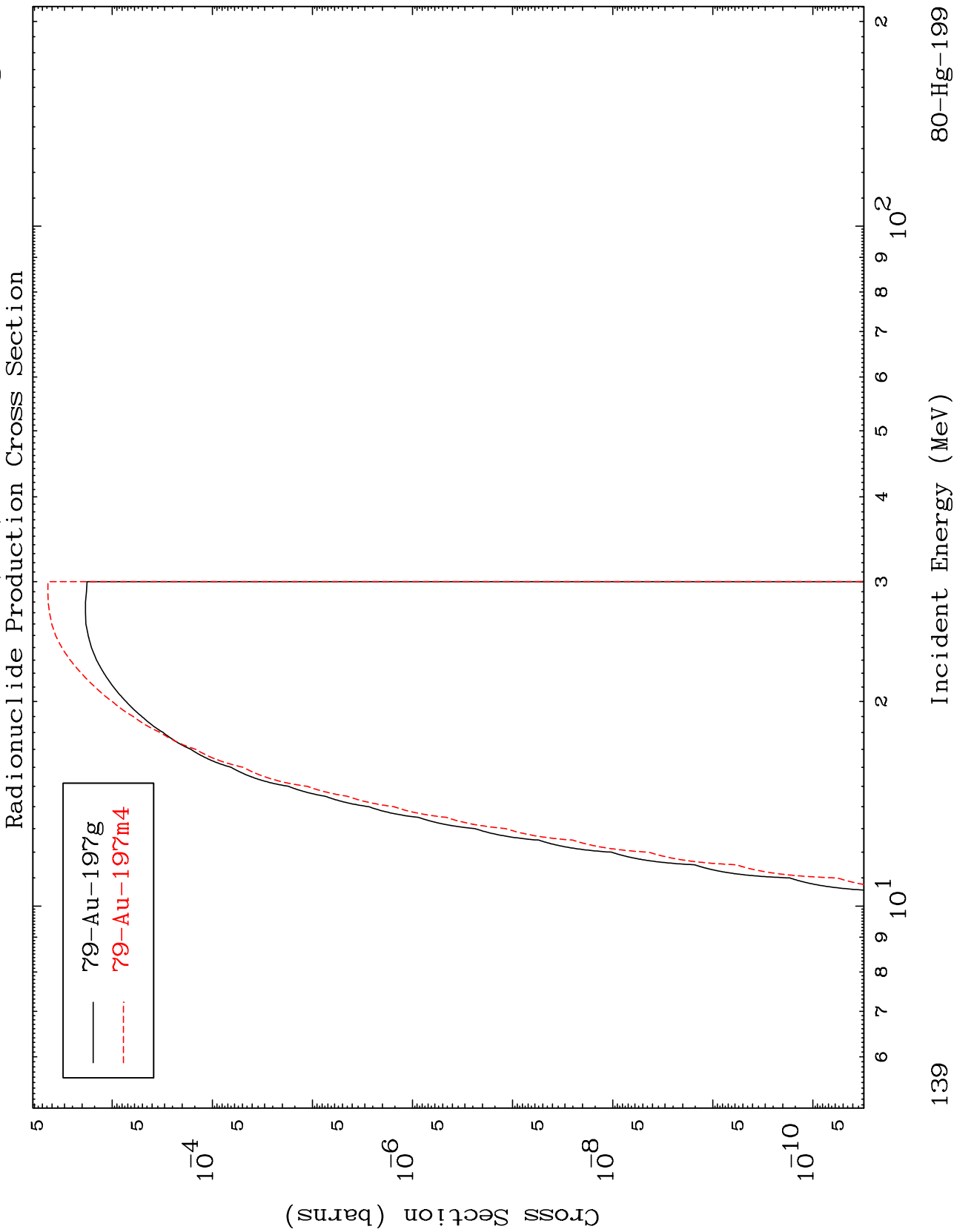
138

Incident Energy (MeV)

80-Hg-199

MAT 8034

80-Hg-199



139

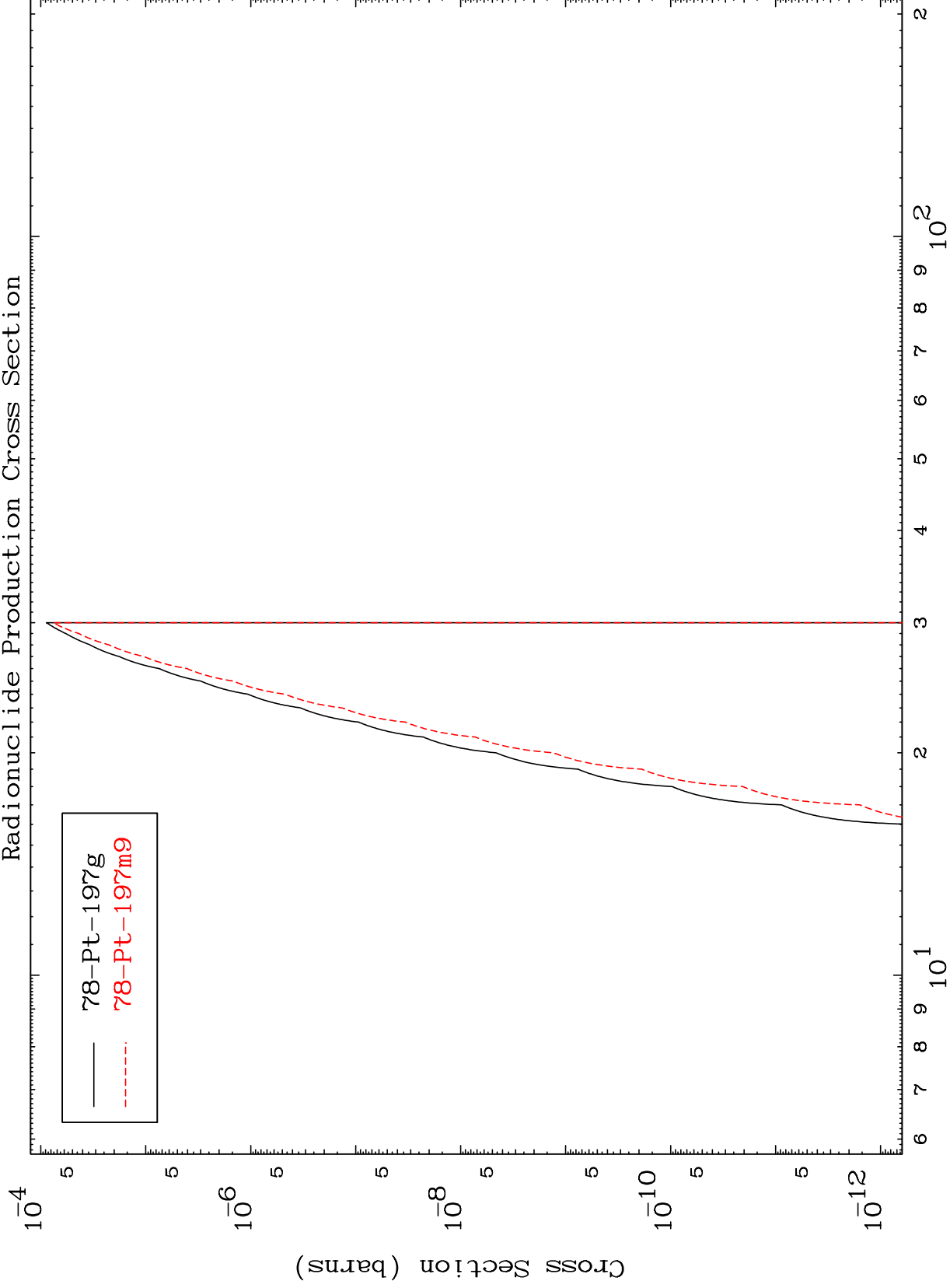
80-Hg-199

MAT 8034

(n,He-3)

80-Hg-199

Radionuclide Production Cross Section

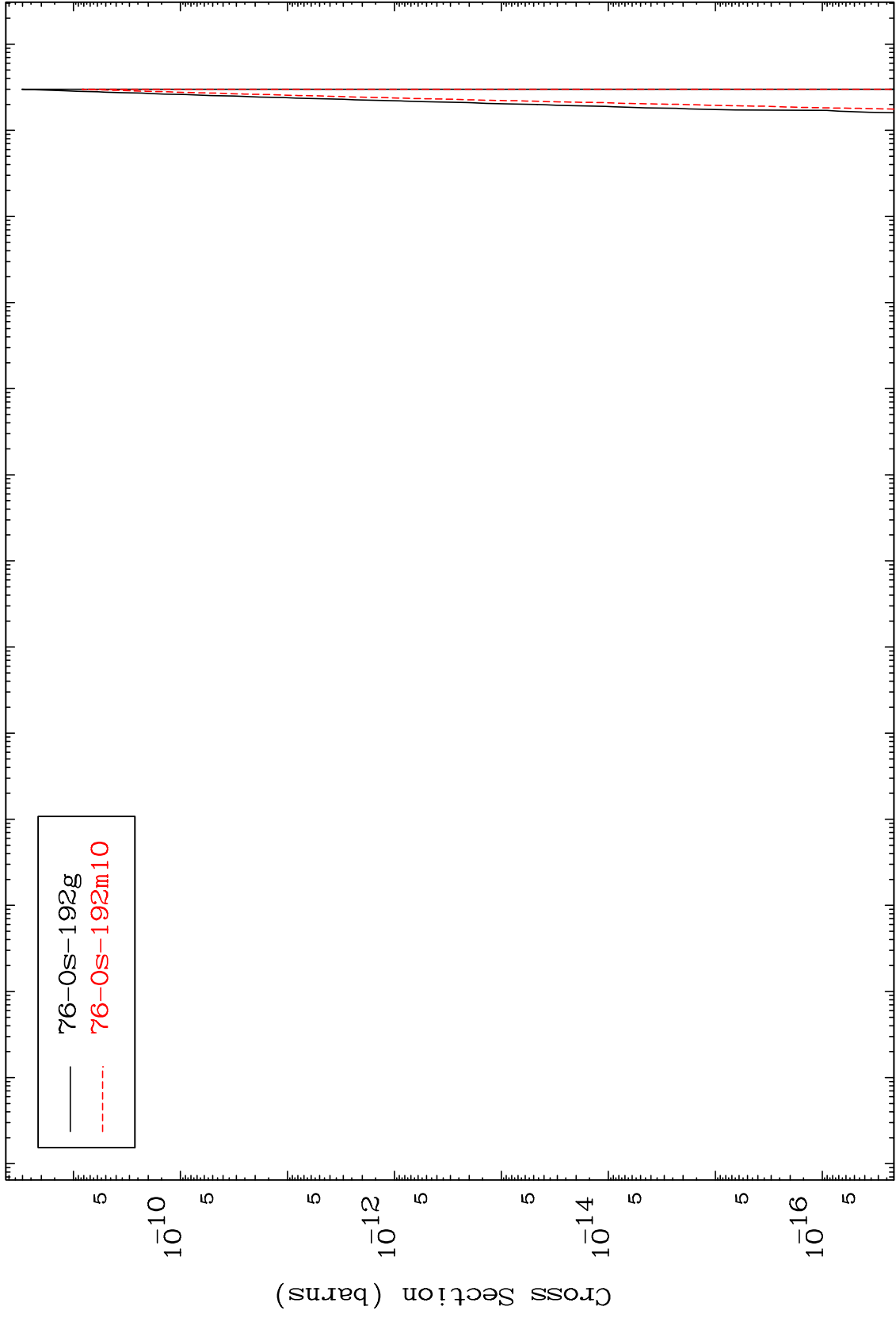
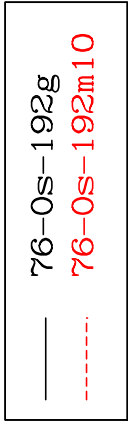


MAT 8034

(n,2α)

80-Hg-199

Radionuclide Production Cross Section



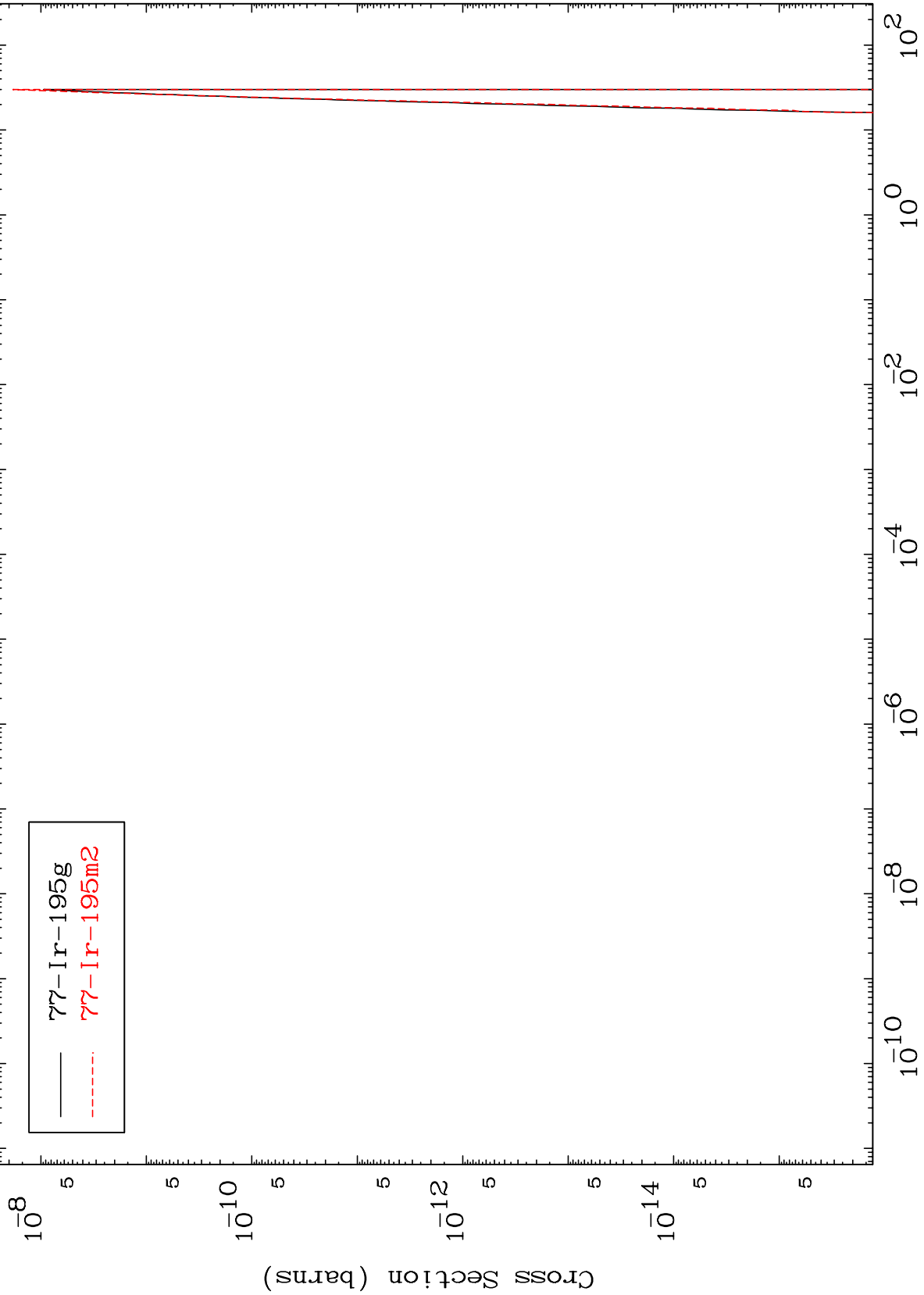
80-Hg-199

MAT 8034

(n,p) α

80-Hg-199

Radionuclide Production Cross Section

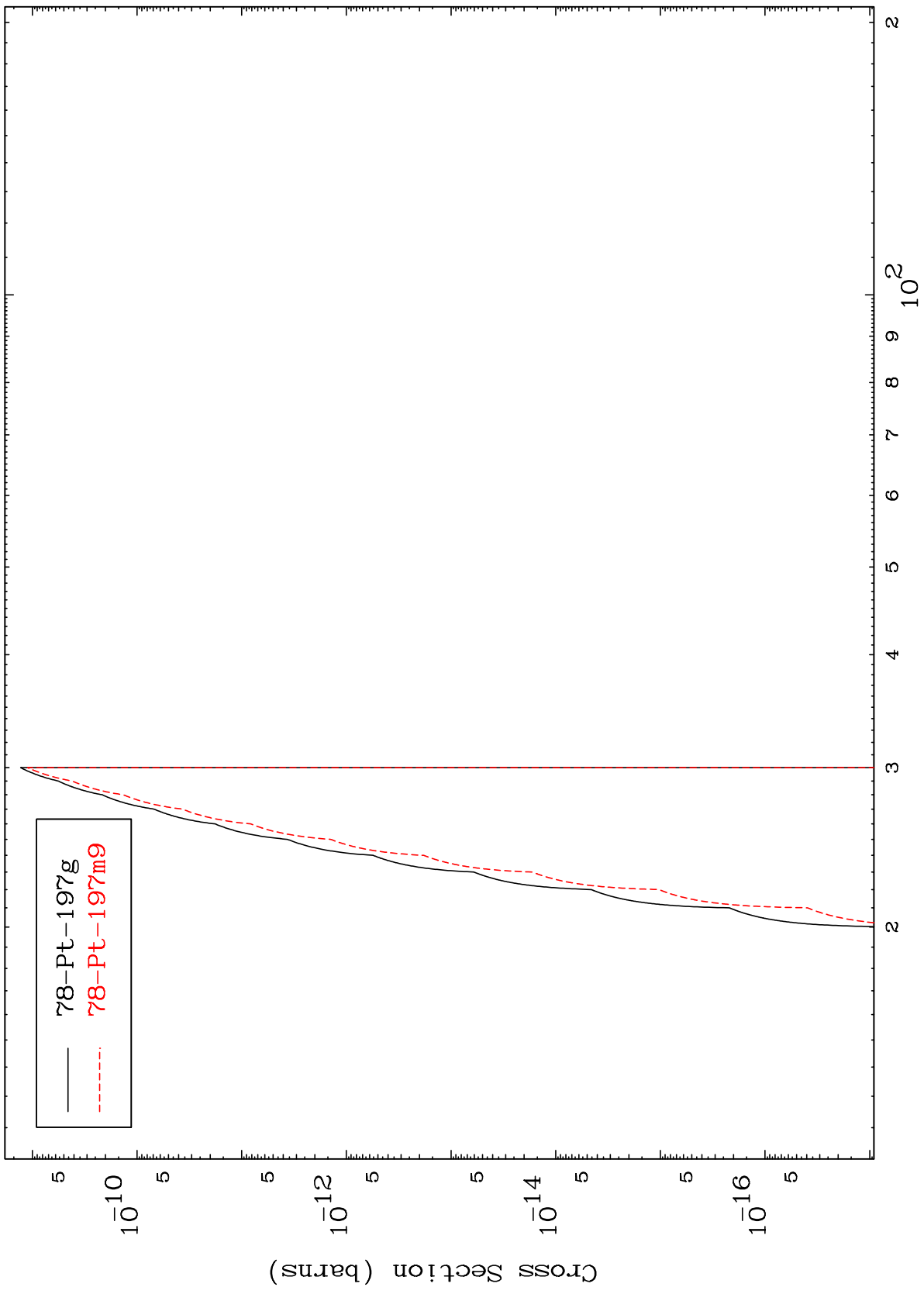


MAT 8034

(n,p) d

80-Hg-199

Radionuclide Production Cross Section



143

Incident Energy (MeV)

80-Hg-199