

Program EVALPLOT
(Version 2018-1)

by

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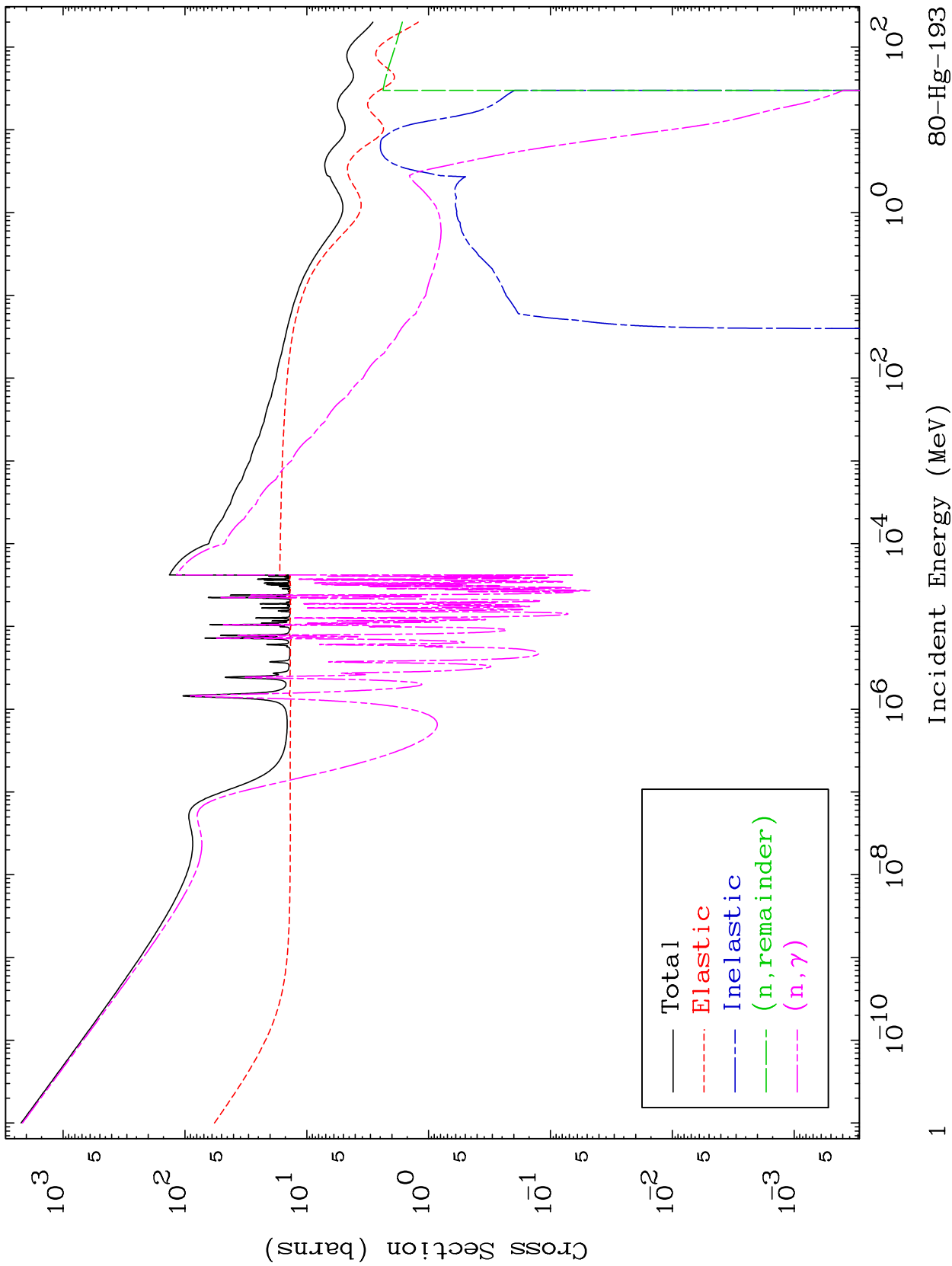
Press Mouse Button to Start

MAT 8016

Major

293 Kelvin Cross Sections

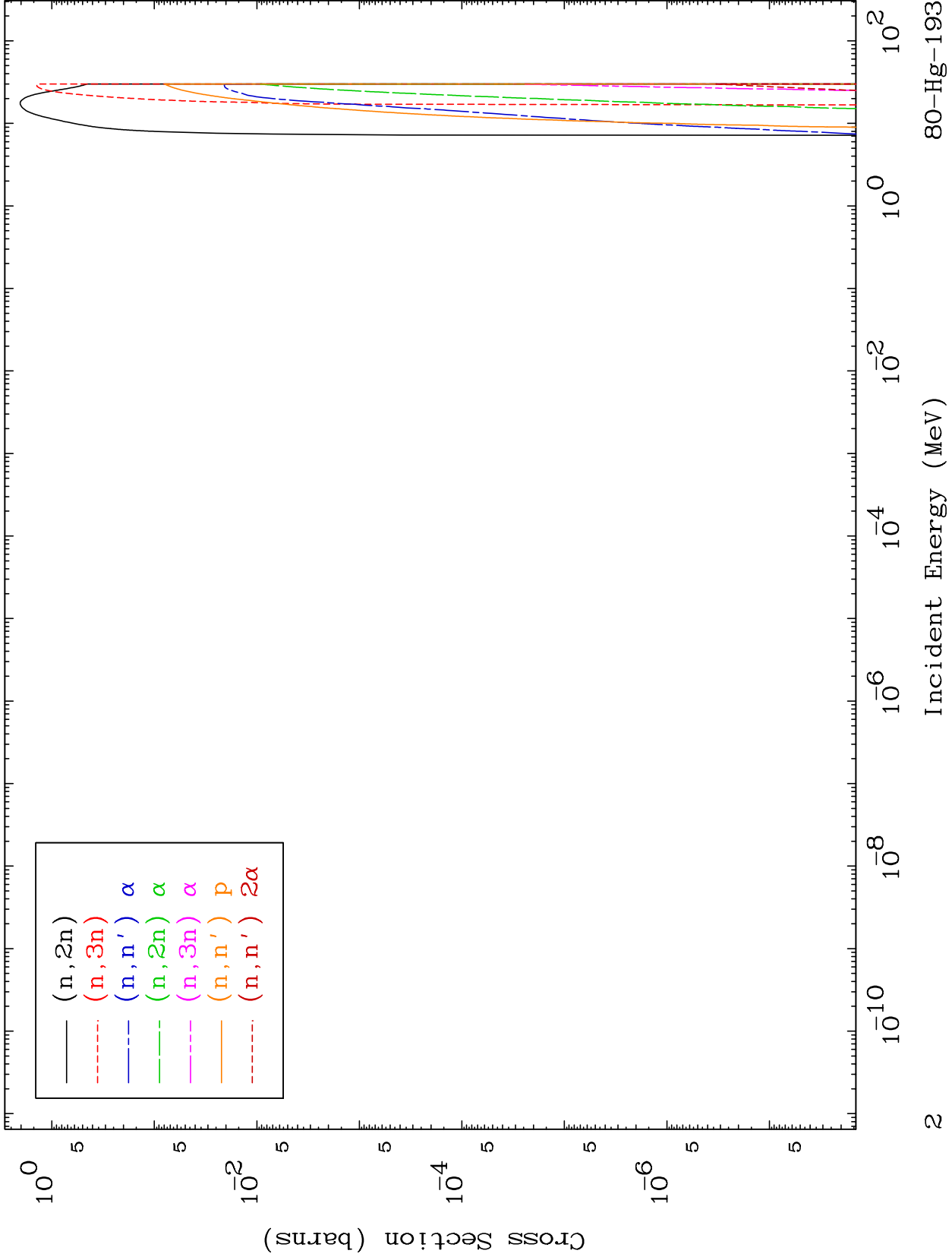
80-Hg-193



MAT 8016

Neutron Production
293 Kelvin Cross Sections

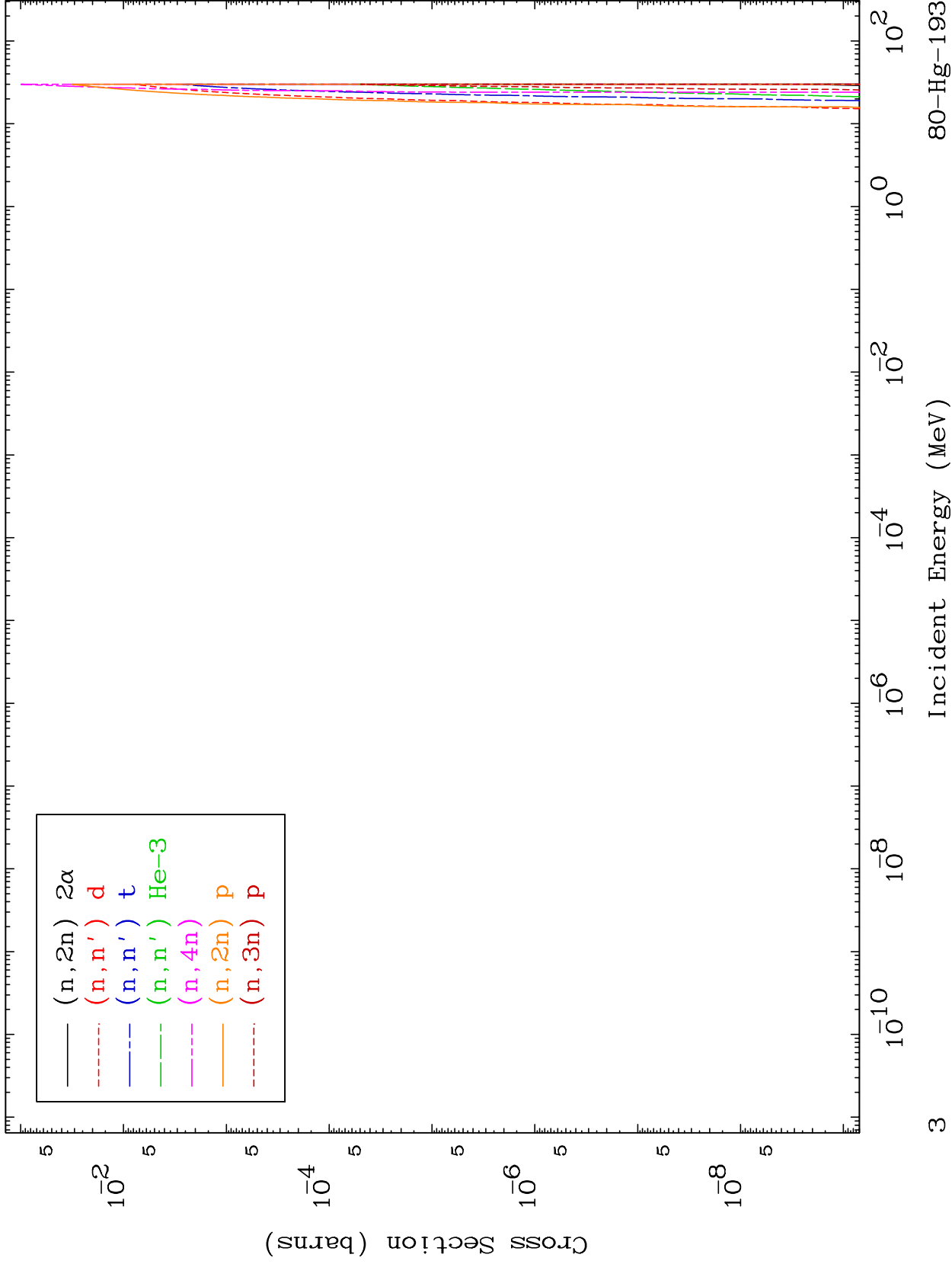
80-Hg-193



MAT 8016

Neutron Production
293 Kelvin Cross Sections

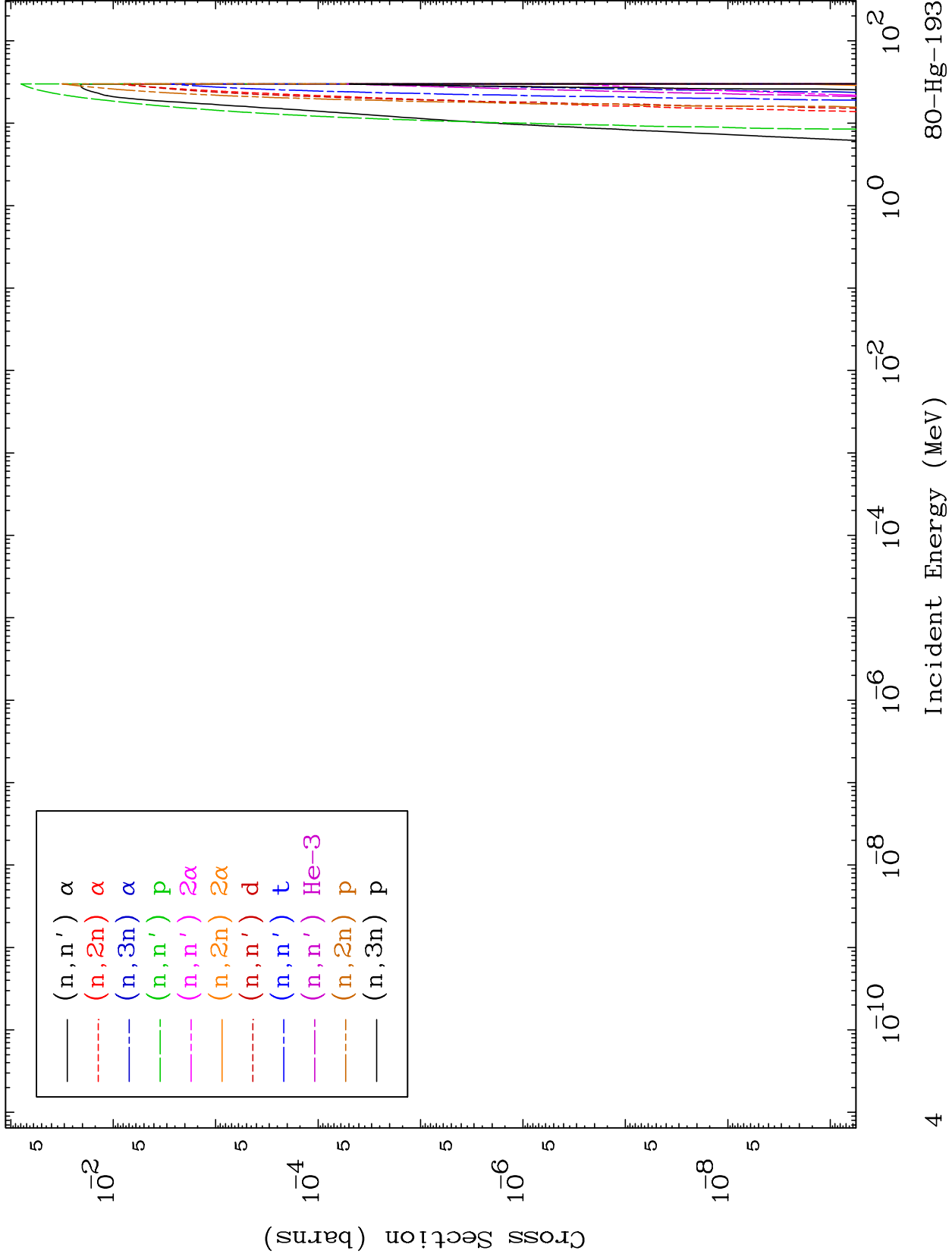
80-Hg-193



MAT 8016

Charged Particle
293 Kelvin Cross Sections

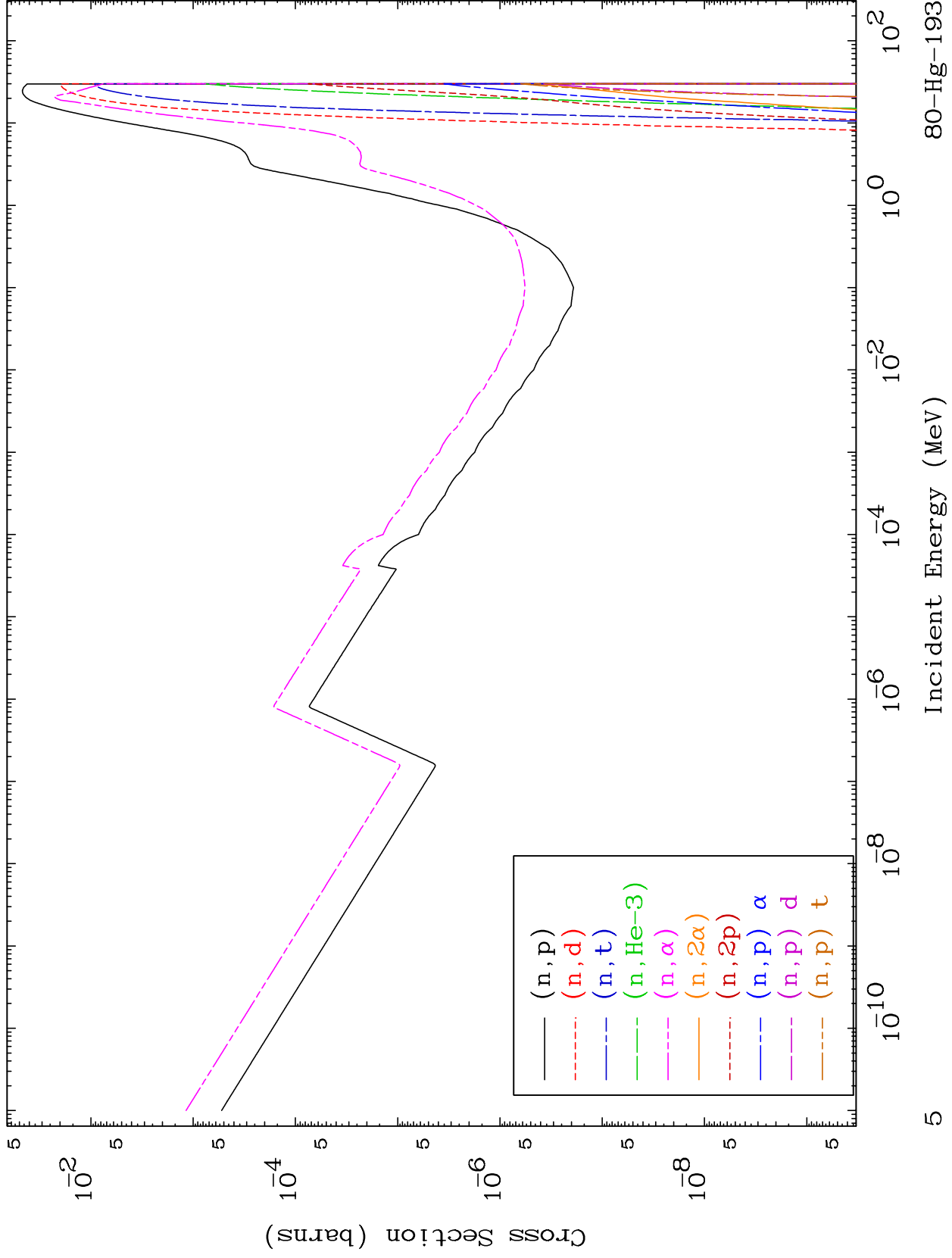
80-Hg-193



MAT 8016

Charged Particle
293 Kelvin Cross Sections

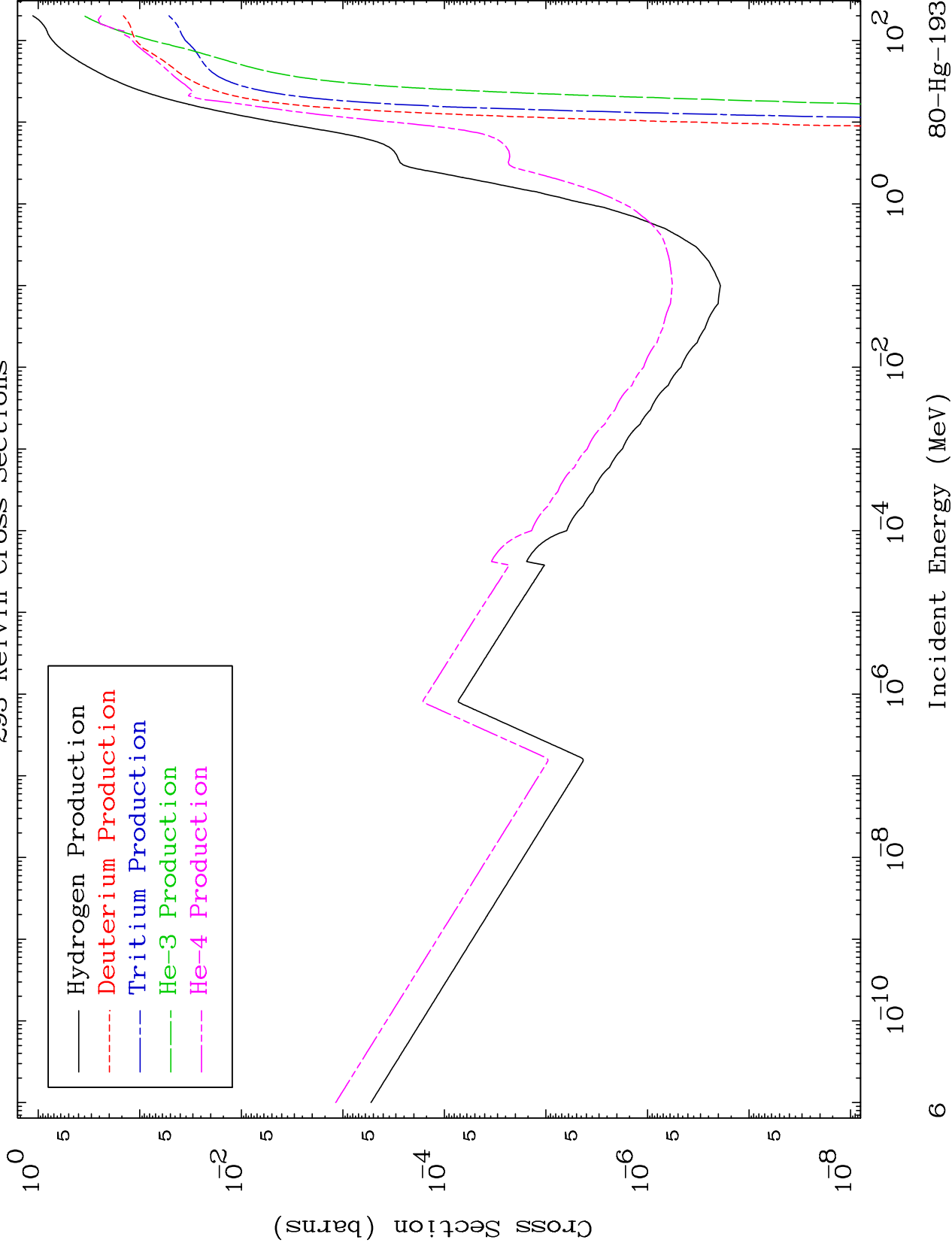
80-Hg-193



MAT 8016

Particle Production
293 Kelvin Cross Sections

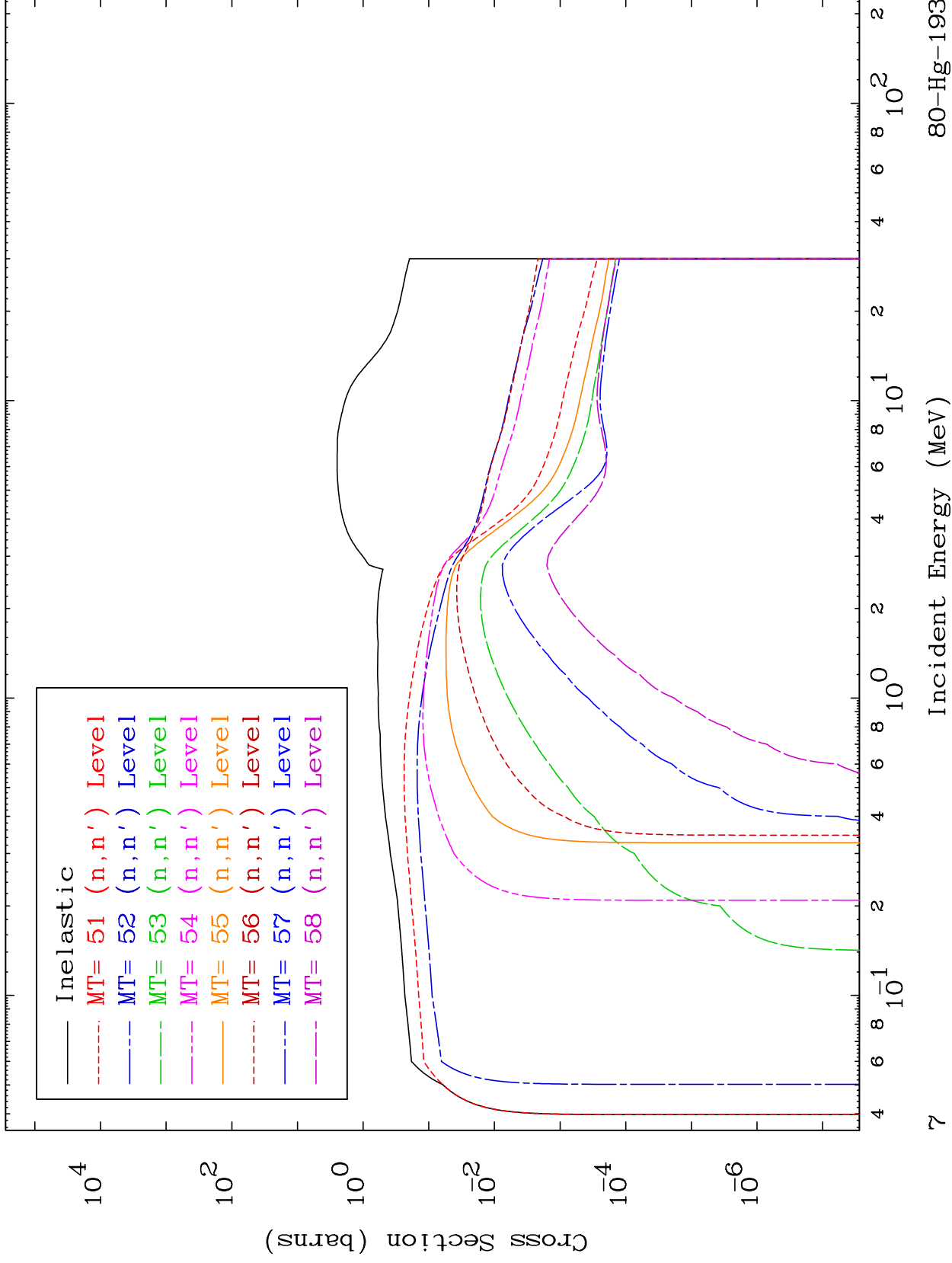
80-Hg-193



MAT 8016

(n,n') Level
293 Kelvin Cross Sections

80-Hg-193

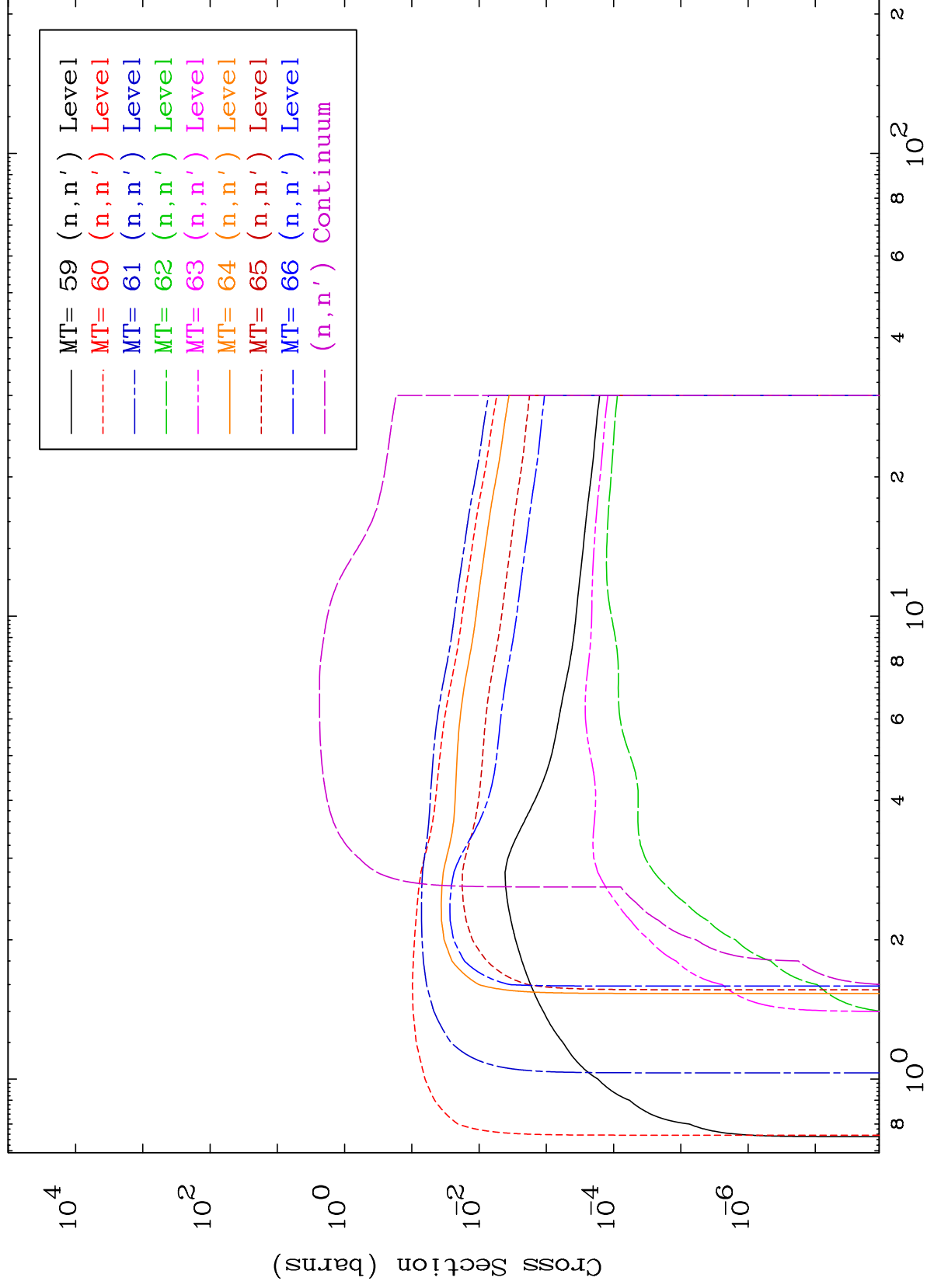


MAT 8016

(n,n') Level

80-Hg-193

293 Kelvin Cross Sections



8

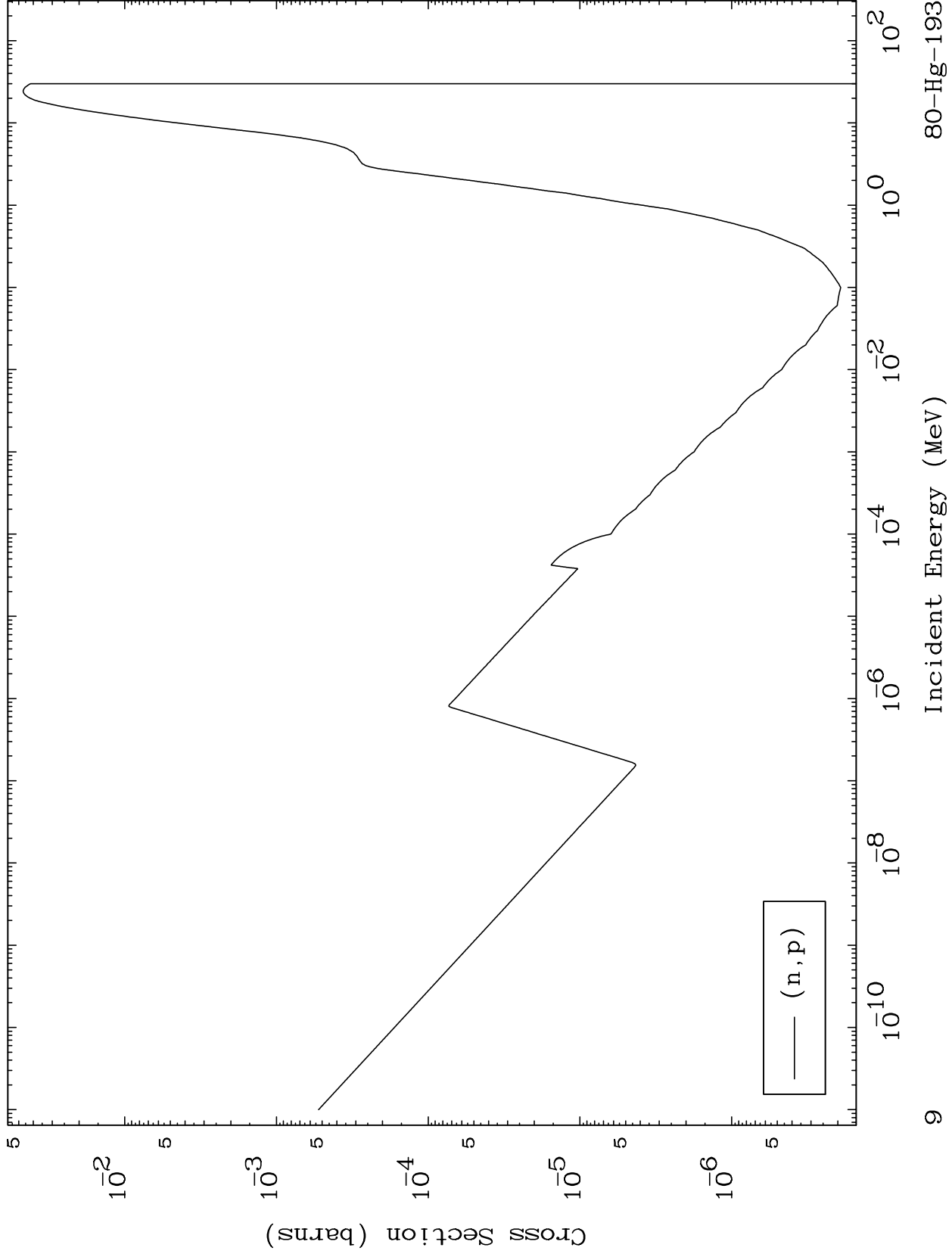
Incident Energy (MeV)

80-Hg-193

MAT 8016

(n,p) Levels
293 Kelvin Cross Sections

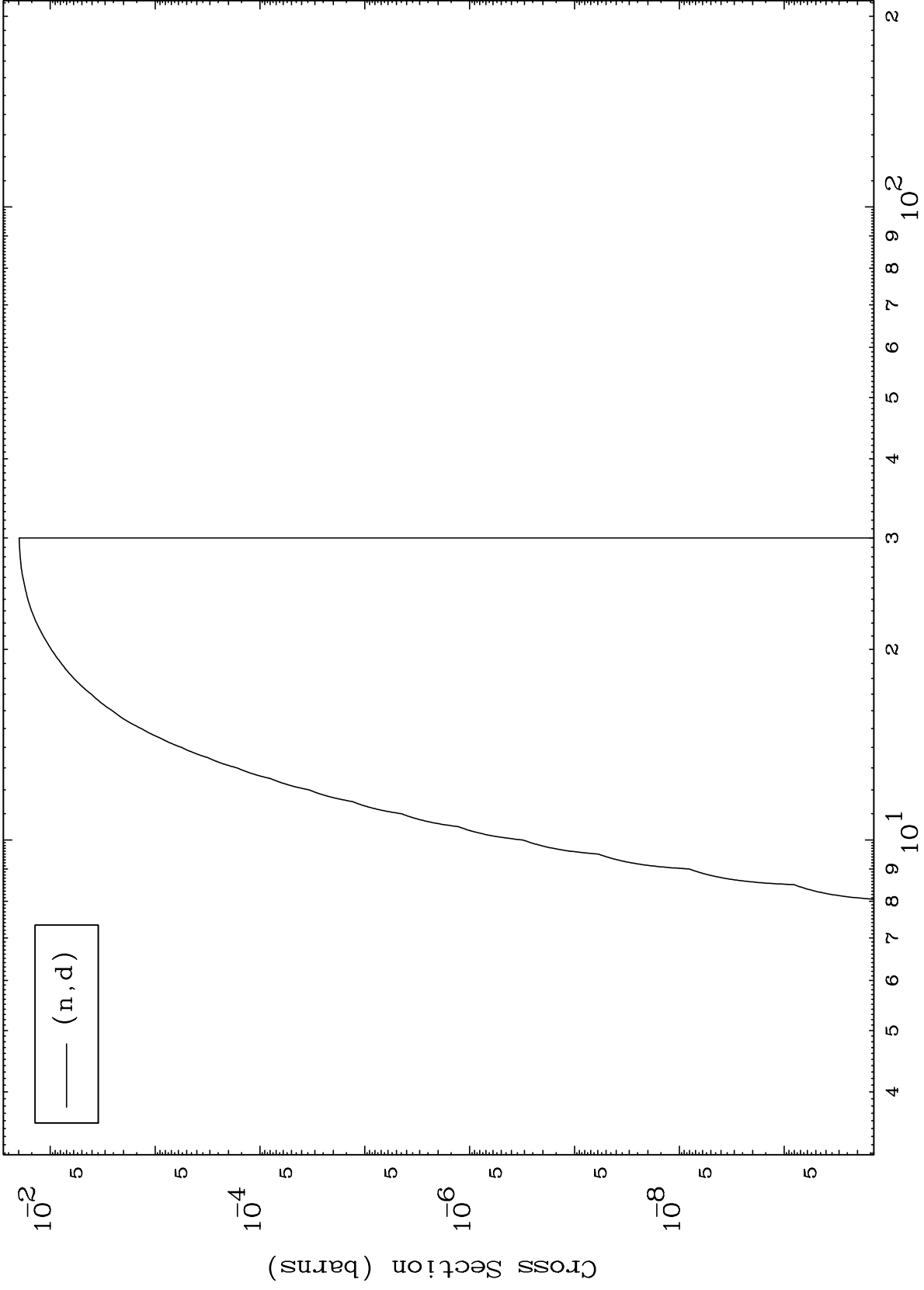
80-Hg-193



MAT 8016

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-193



10

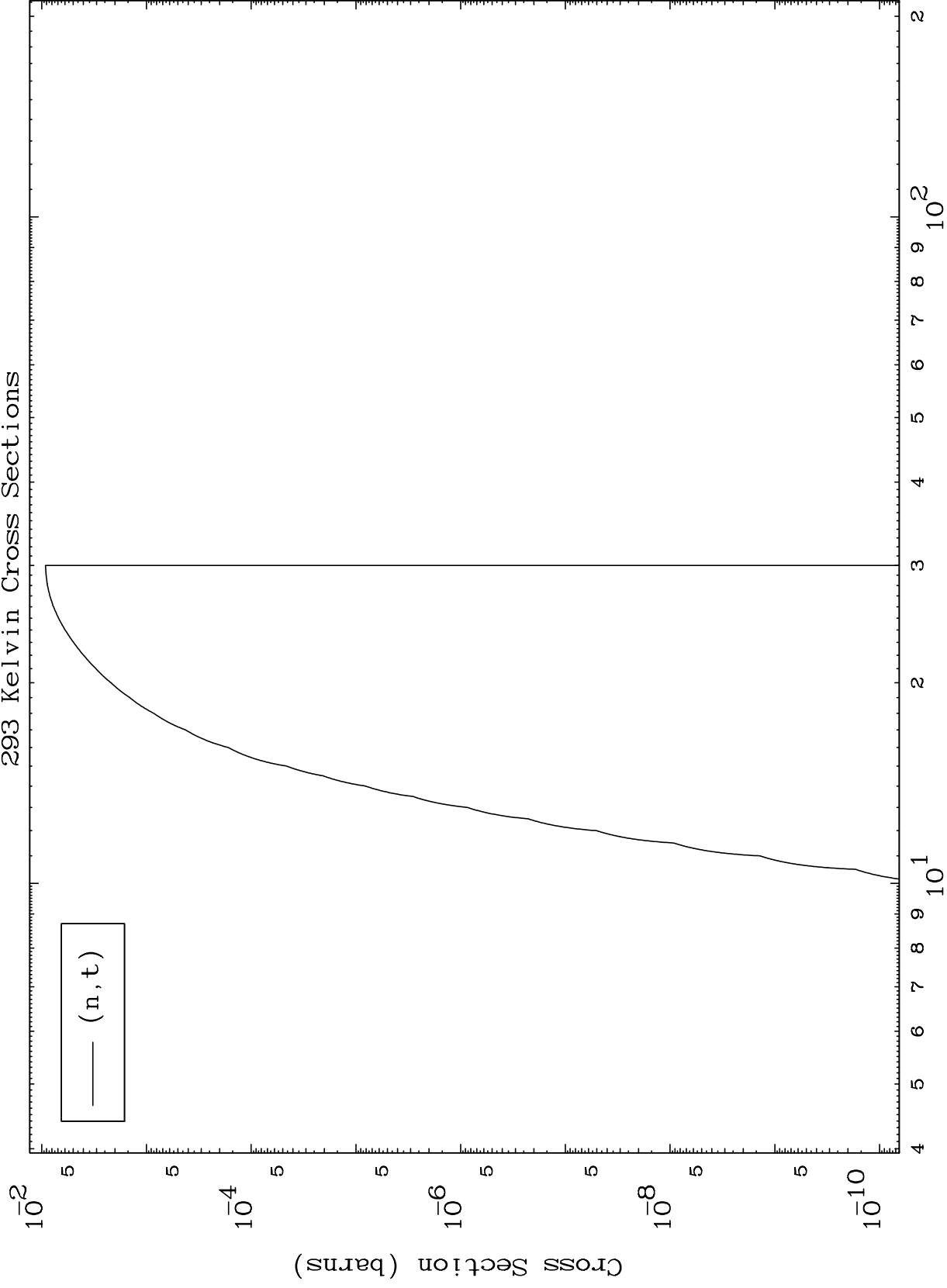
Incident Energy (MeV)

80-Hg-193

MAT 8016

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-193



11

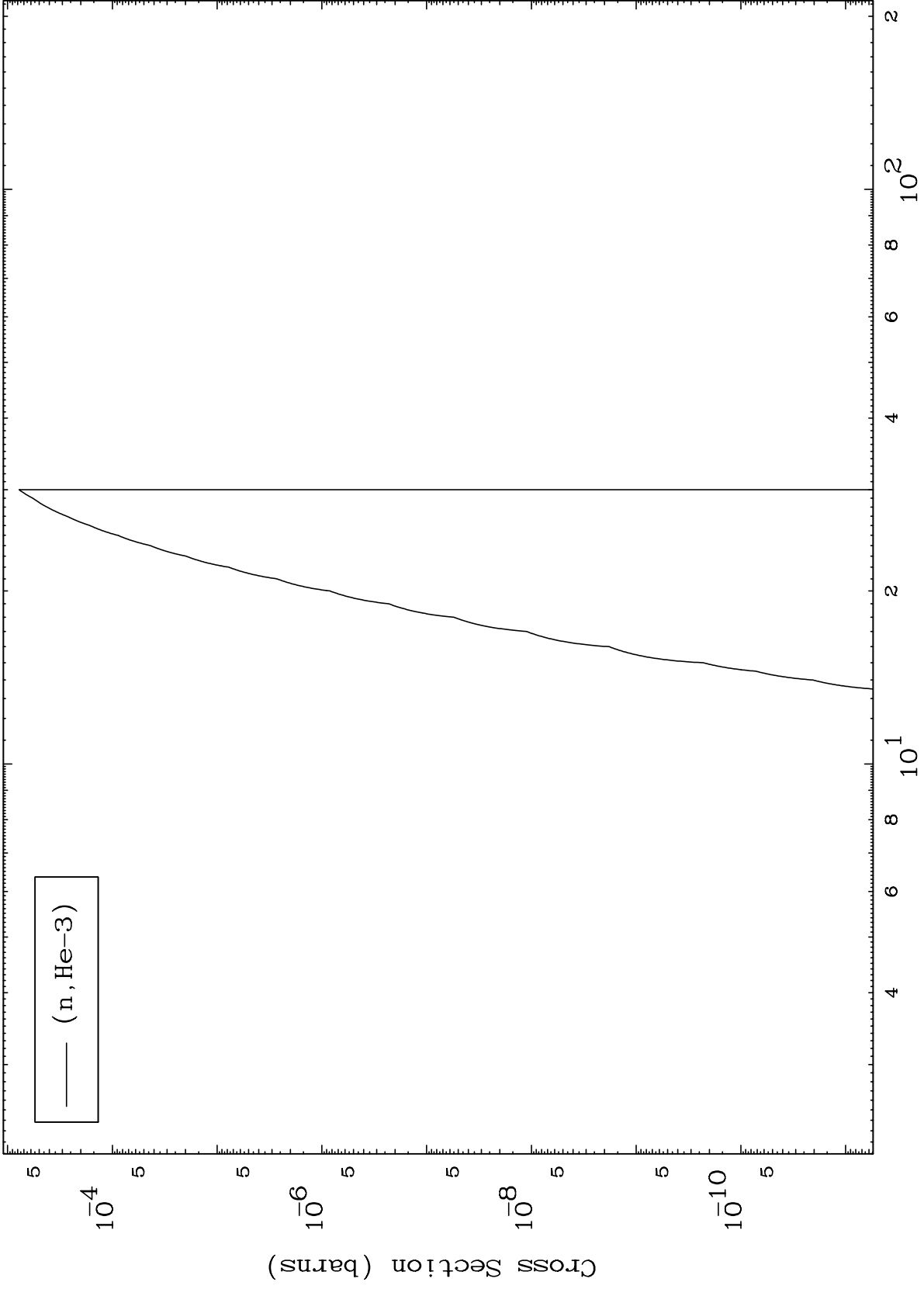
Incident Energy (MeV)

80-Hg-193

MAT 8016

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-193



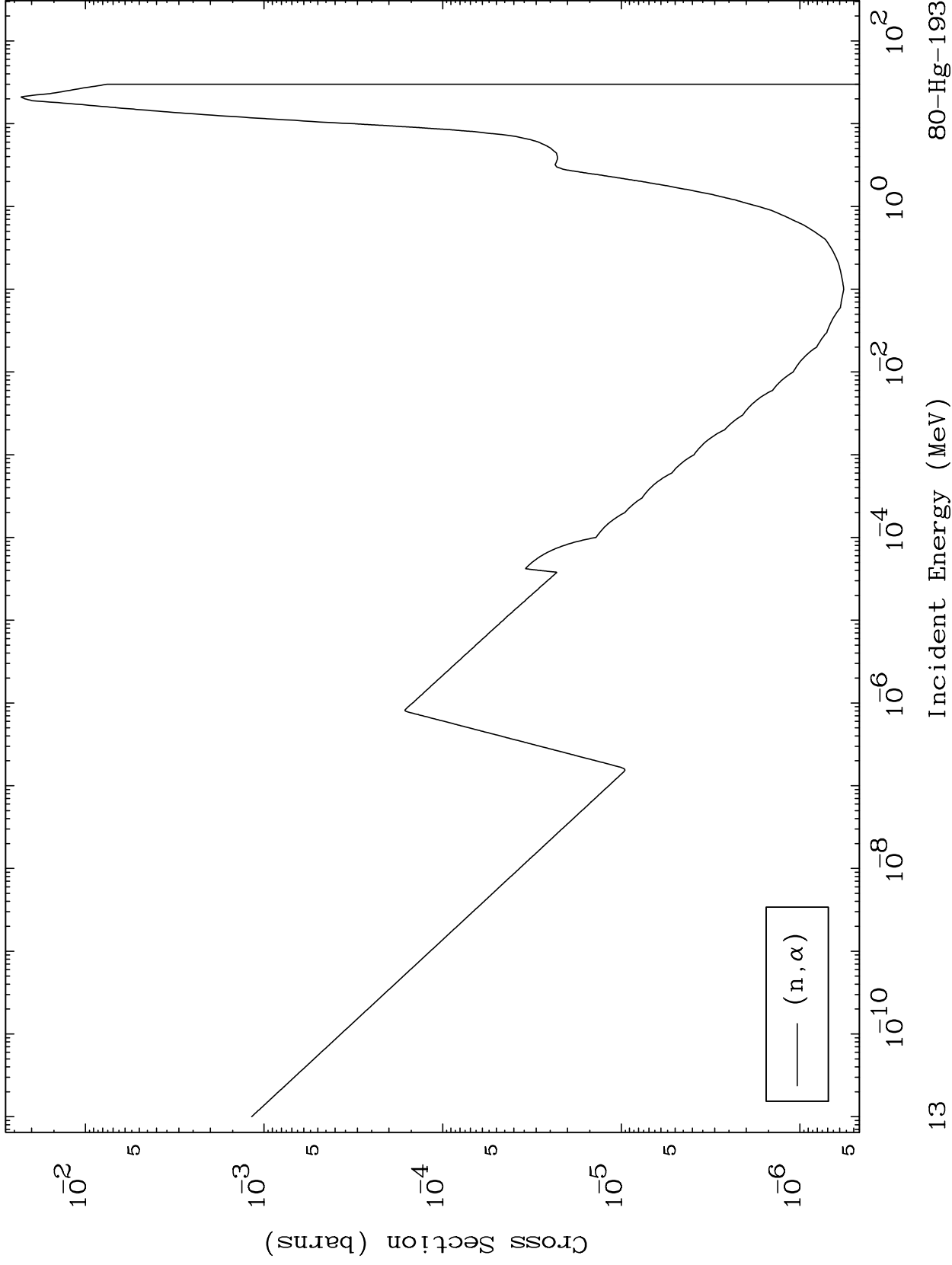
12

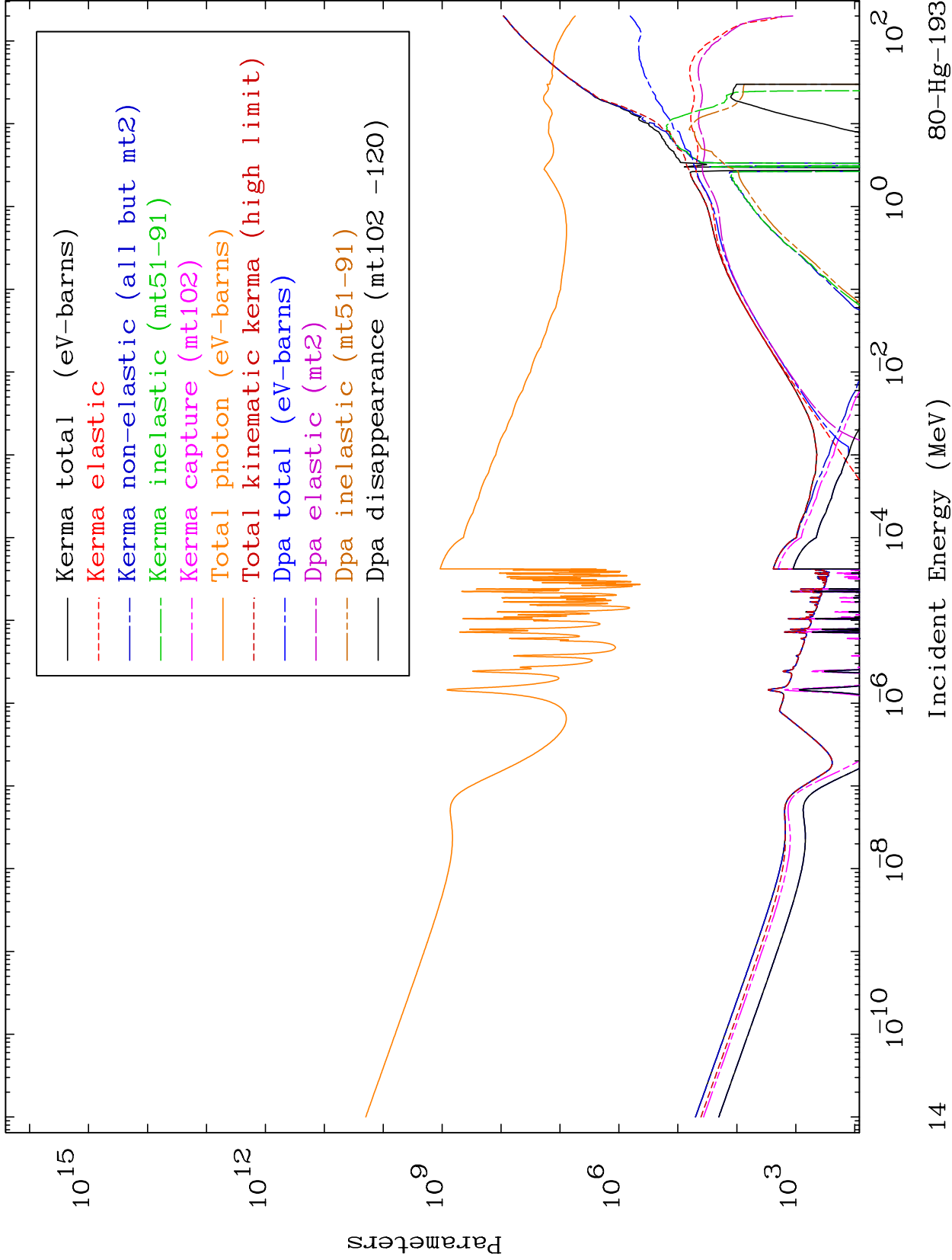
80-Hg-193

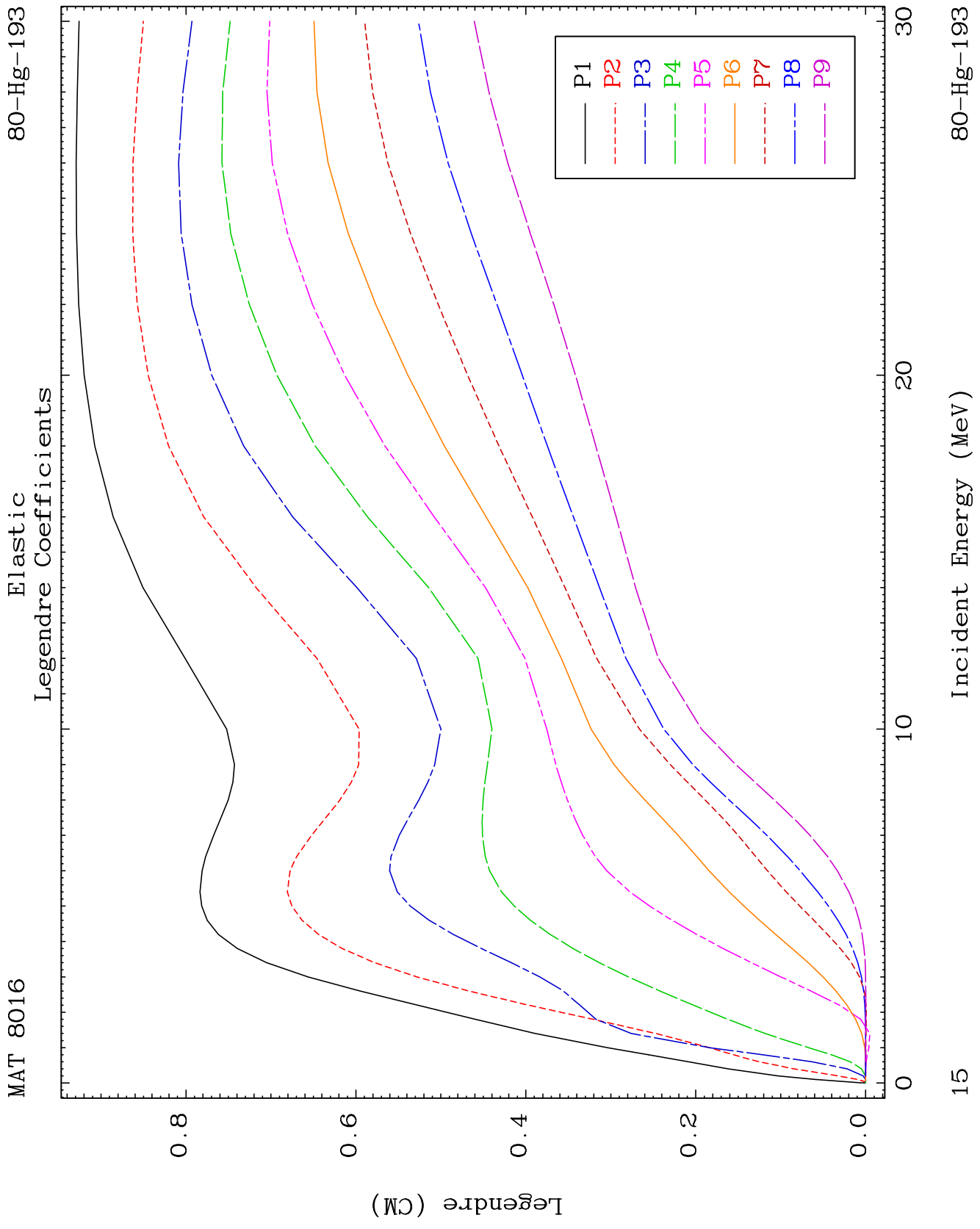
MAT 8016

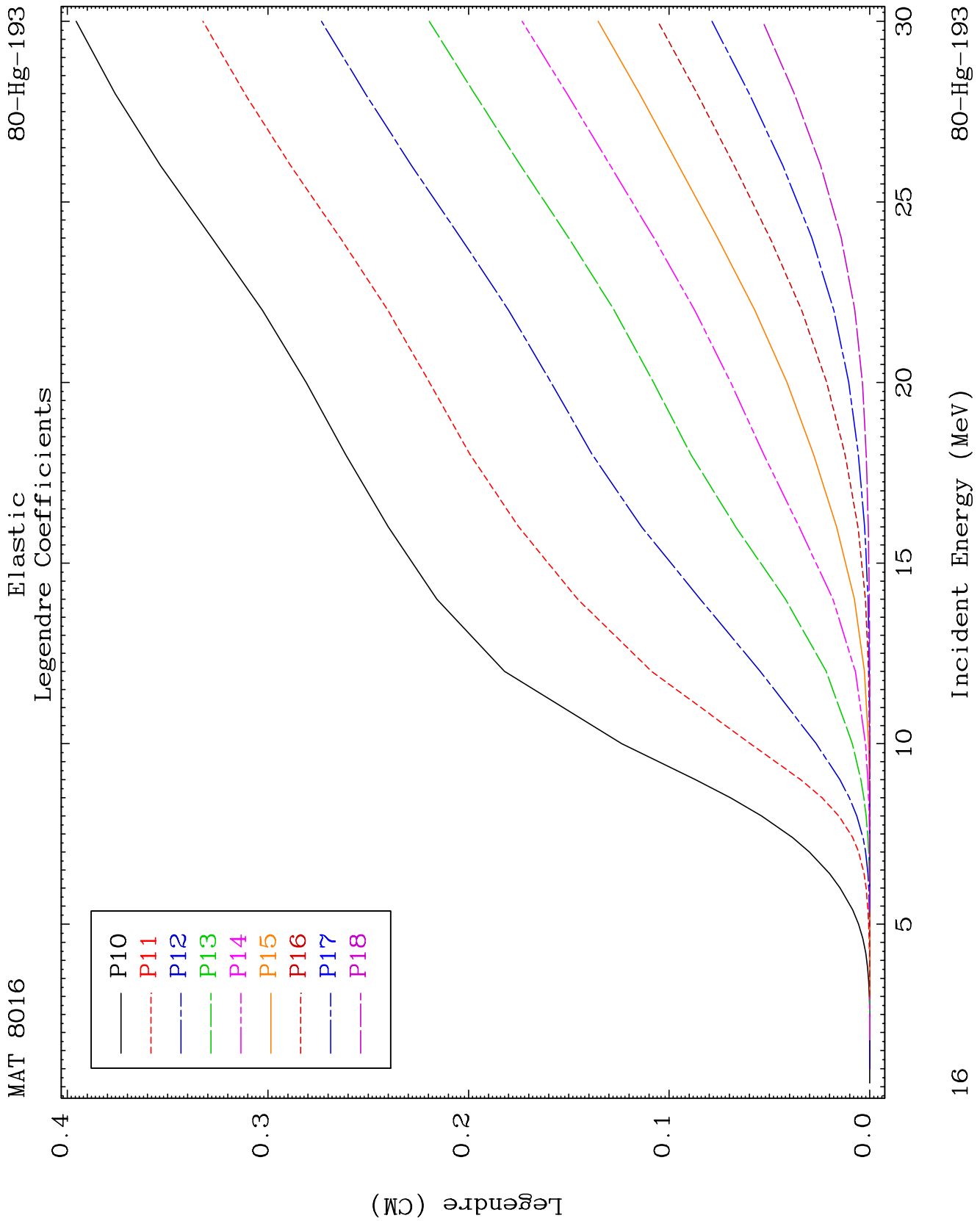
(n, α) Levels
293 Kelvin Cross Sections

80-Hg-193





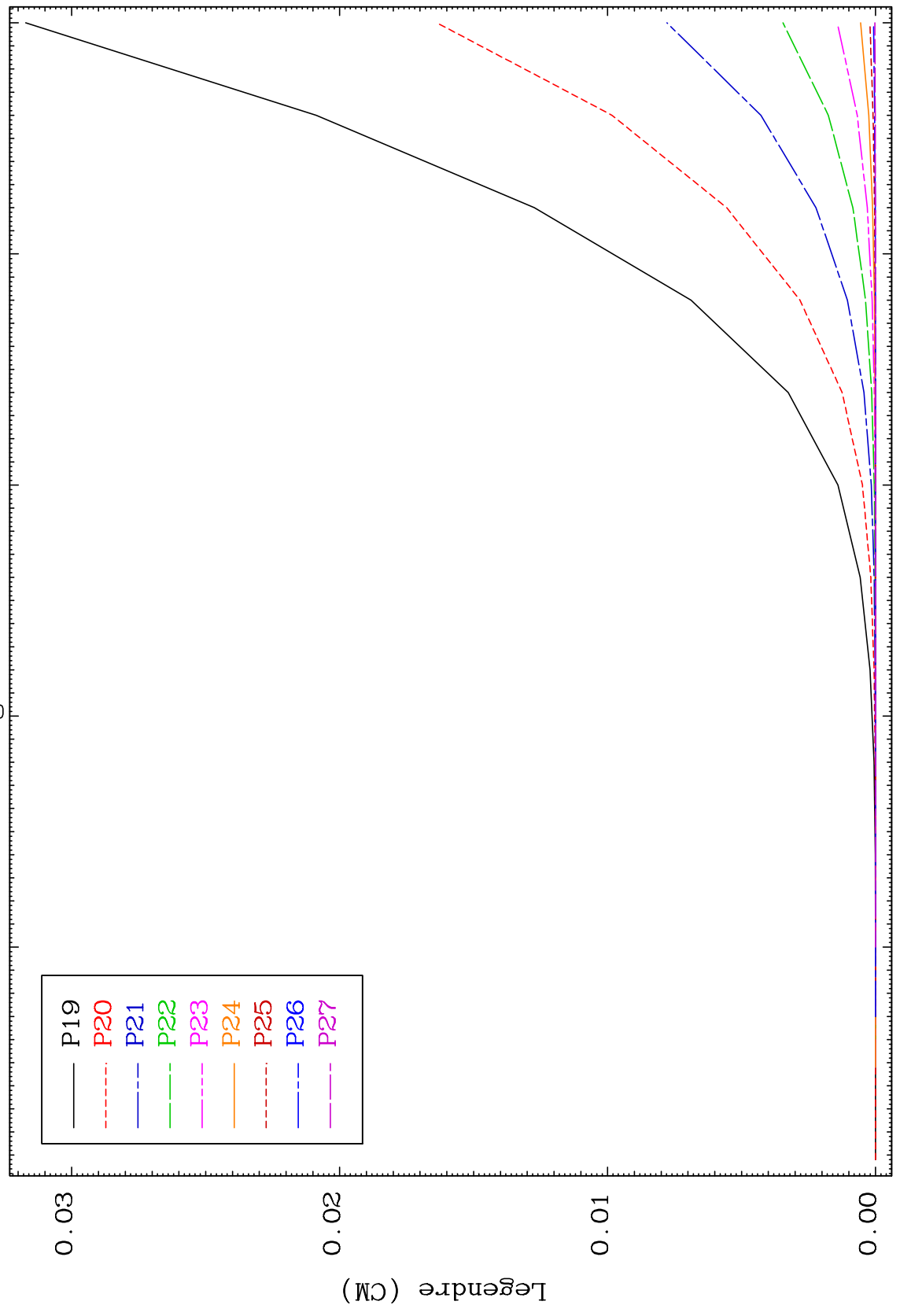




MAT 8016

Elastic Legendre Coefficients

80-Hg-193



17

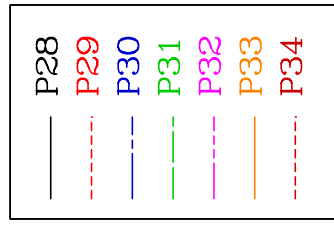
Incident Energy (MeV)

80-Hg-193

MAT 8016

Elastic
Legendre Coefficients

80-Hg-193



$\times 10^{-6}$

Legendre (CM)

10

15

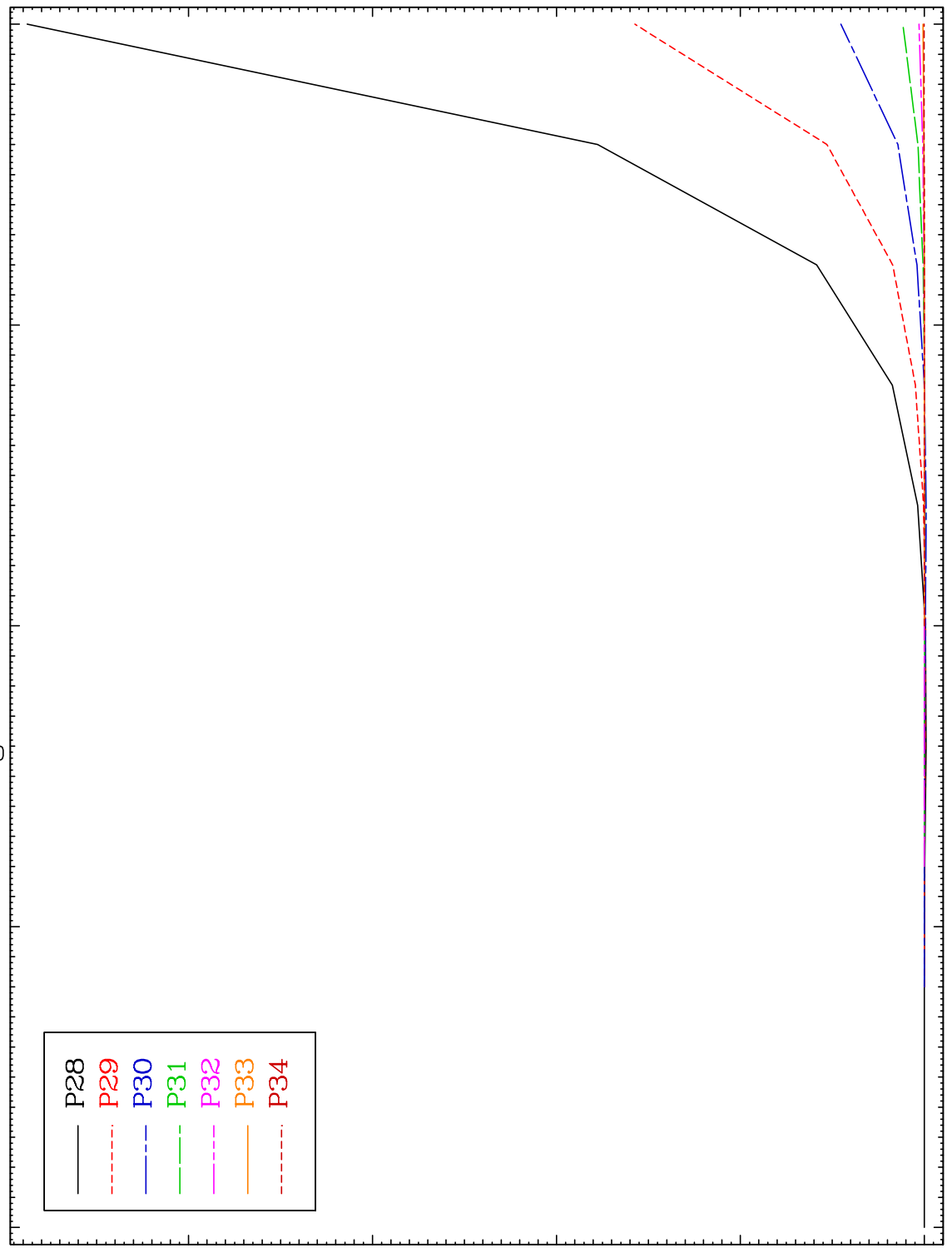
20

25

30

Incident Energy (MeV)

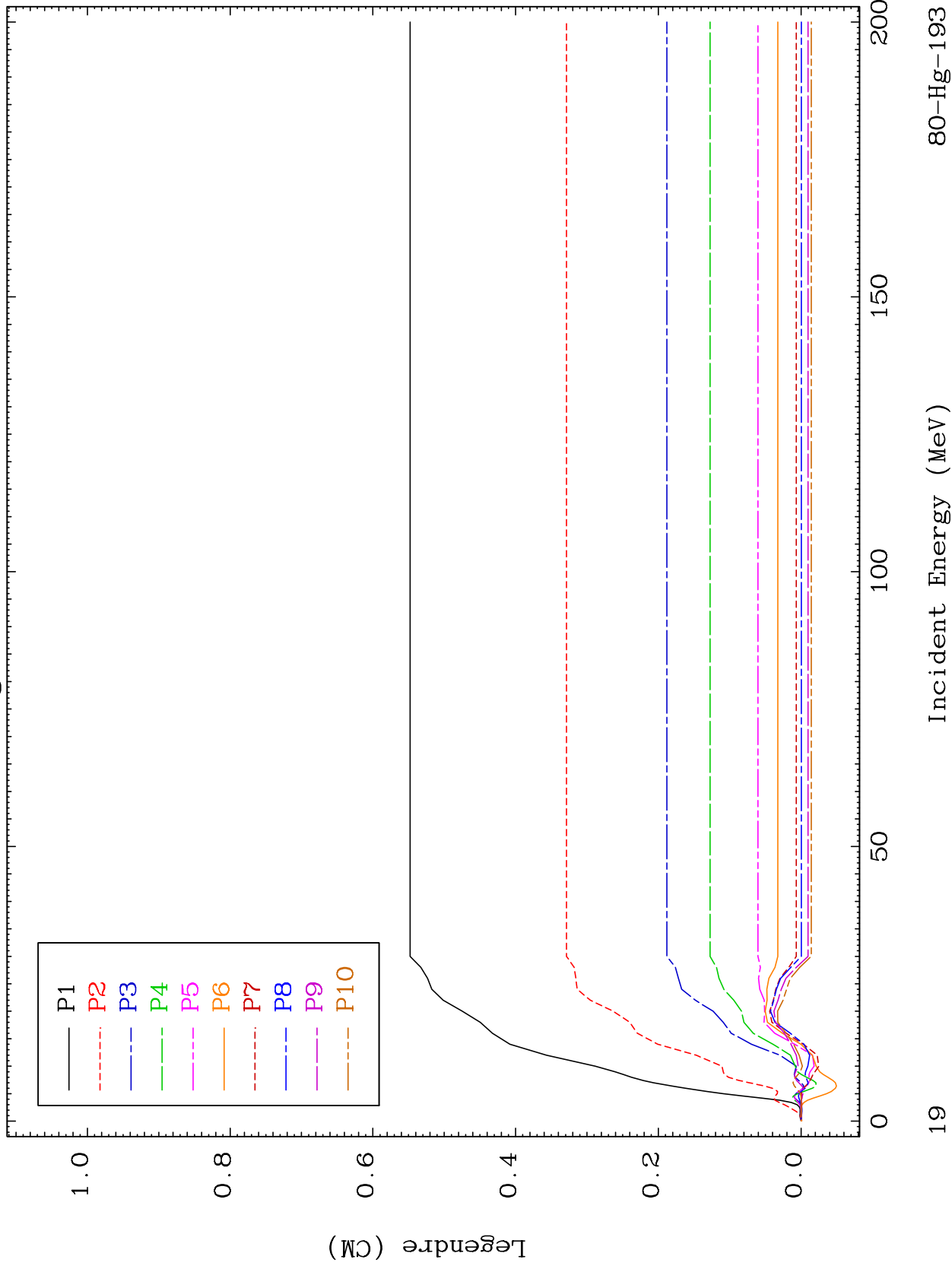
80-Hg-193



MAT 8016

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

80-Hg-193

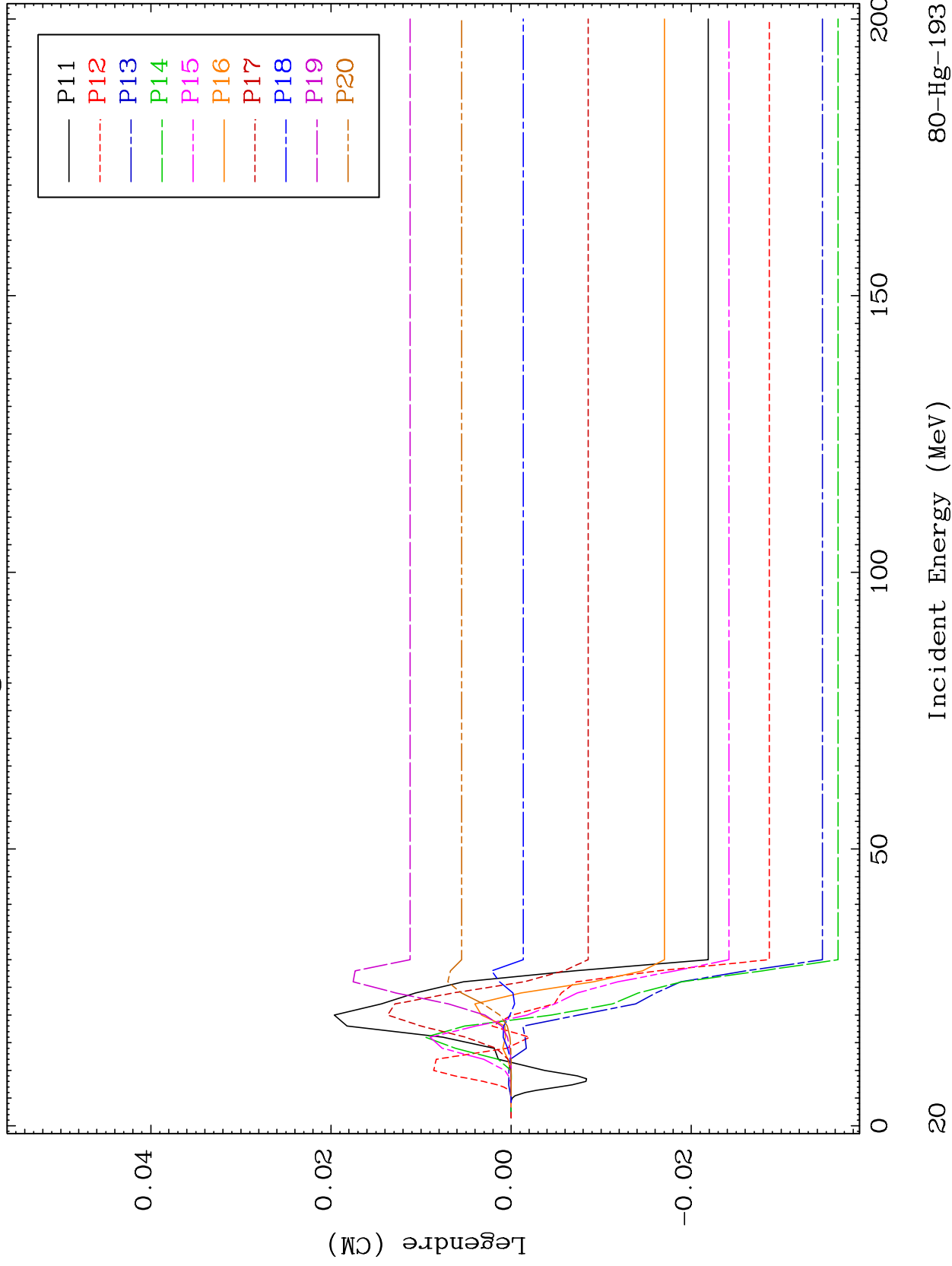


19

MAT 8016

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

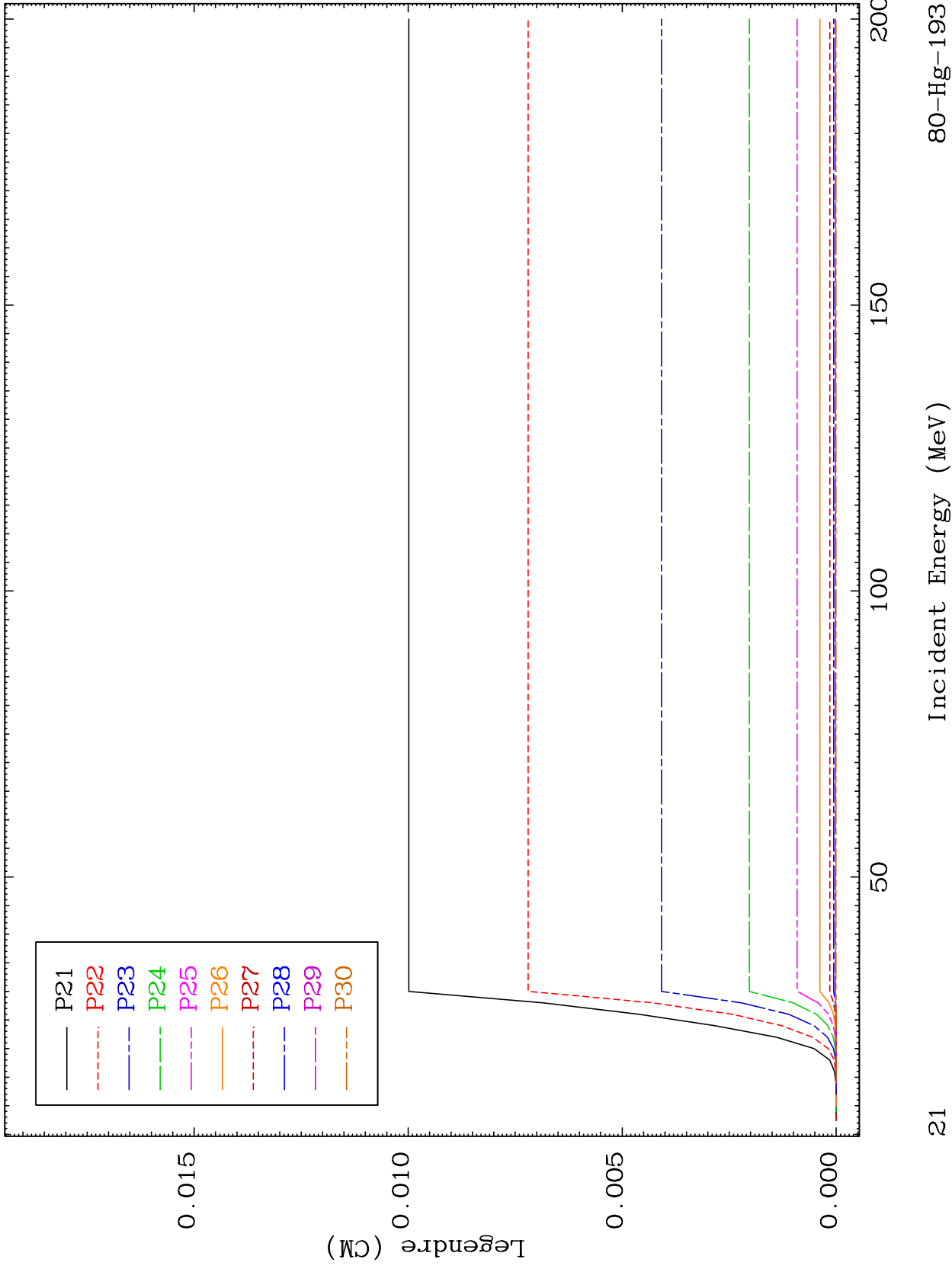
80-Hg-193



MAT 8016

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

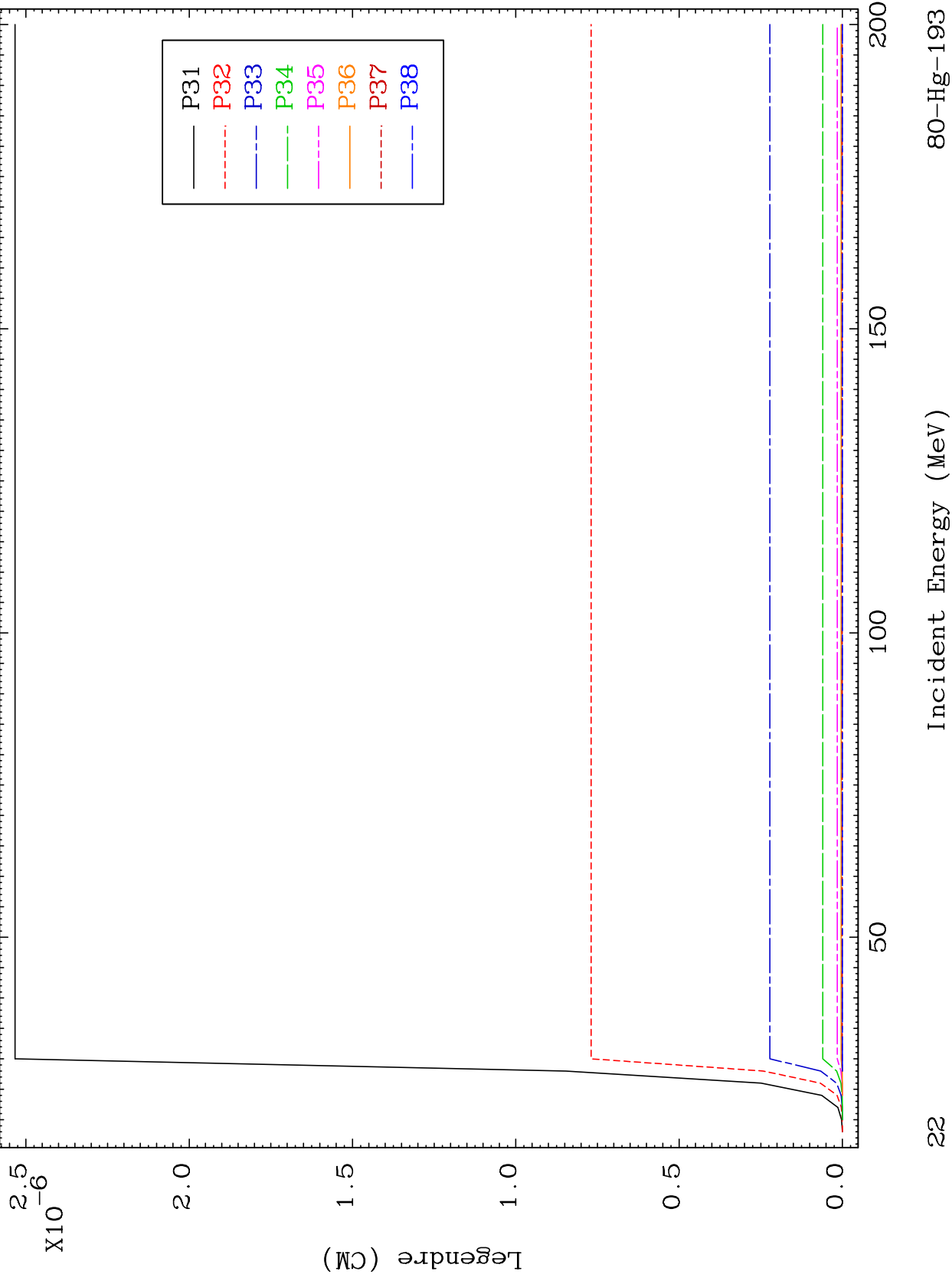
80-Hg-193



MAT 8016

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

80-Hg-193



22

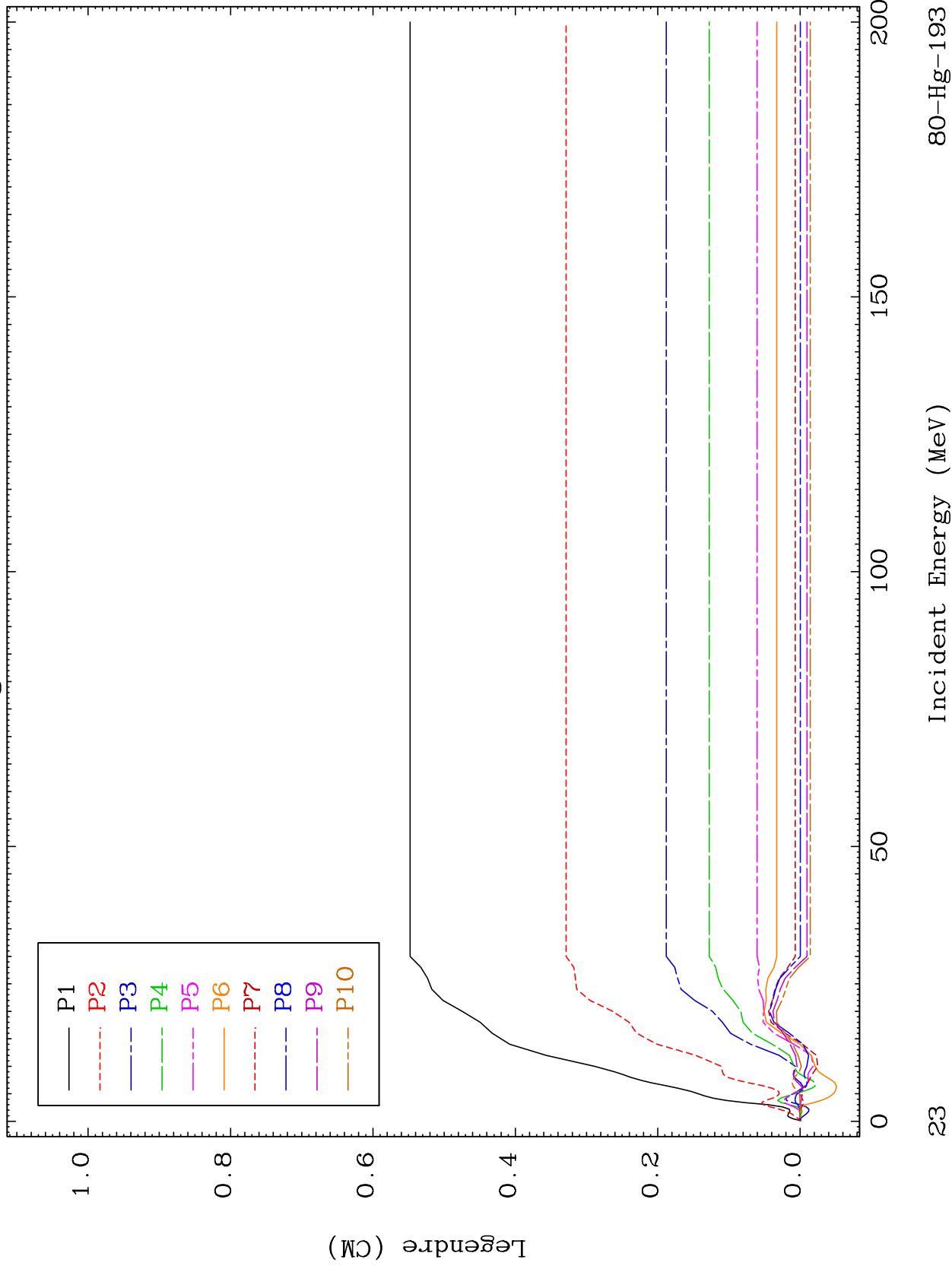
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

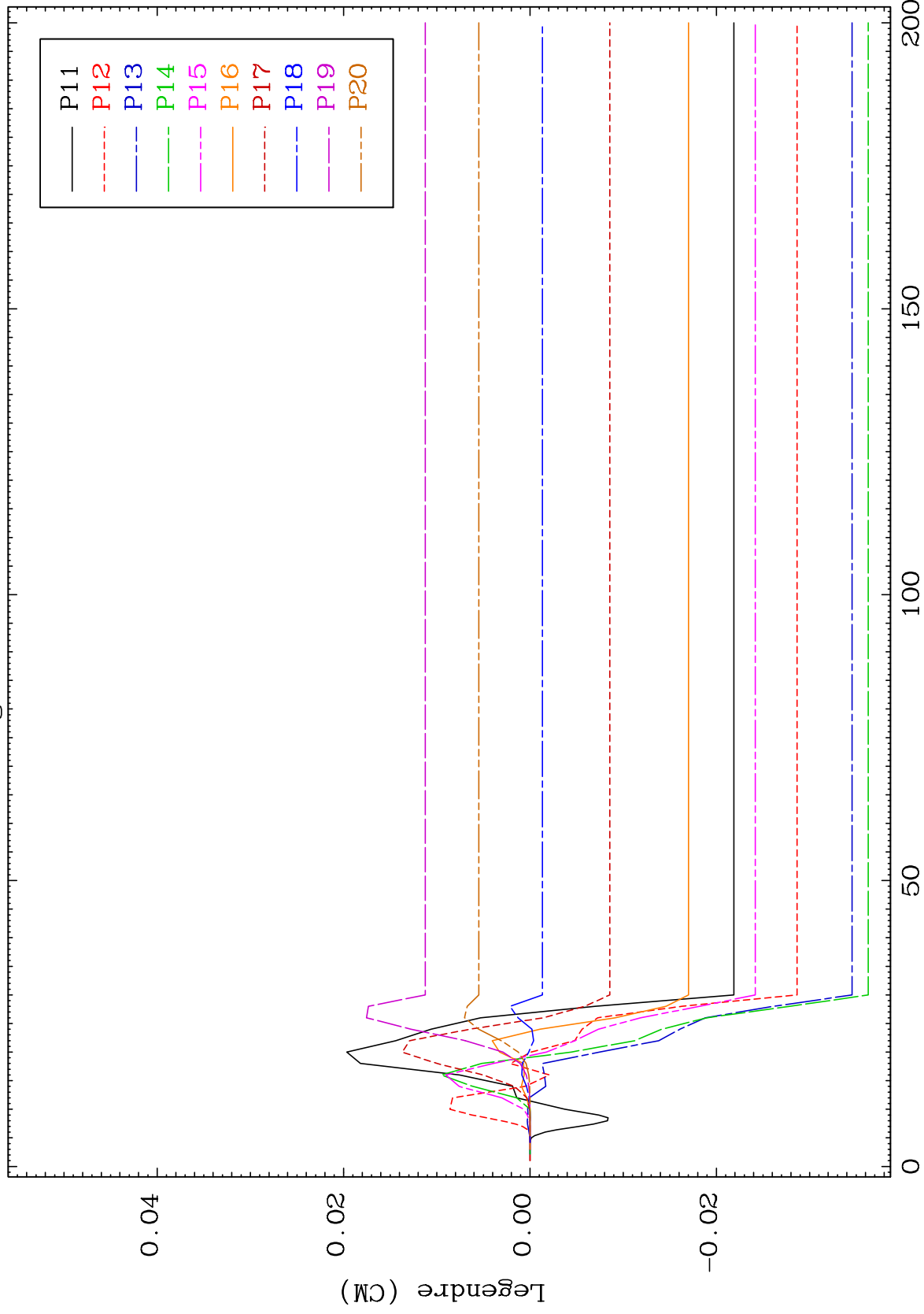
80-Hg-193



MAT 8016

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

80-Hg-193



24

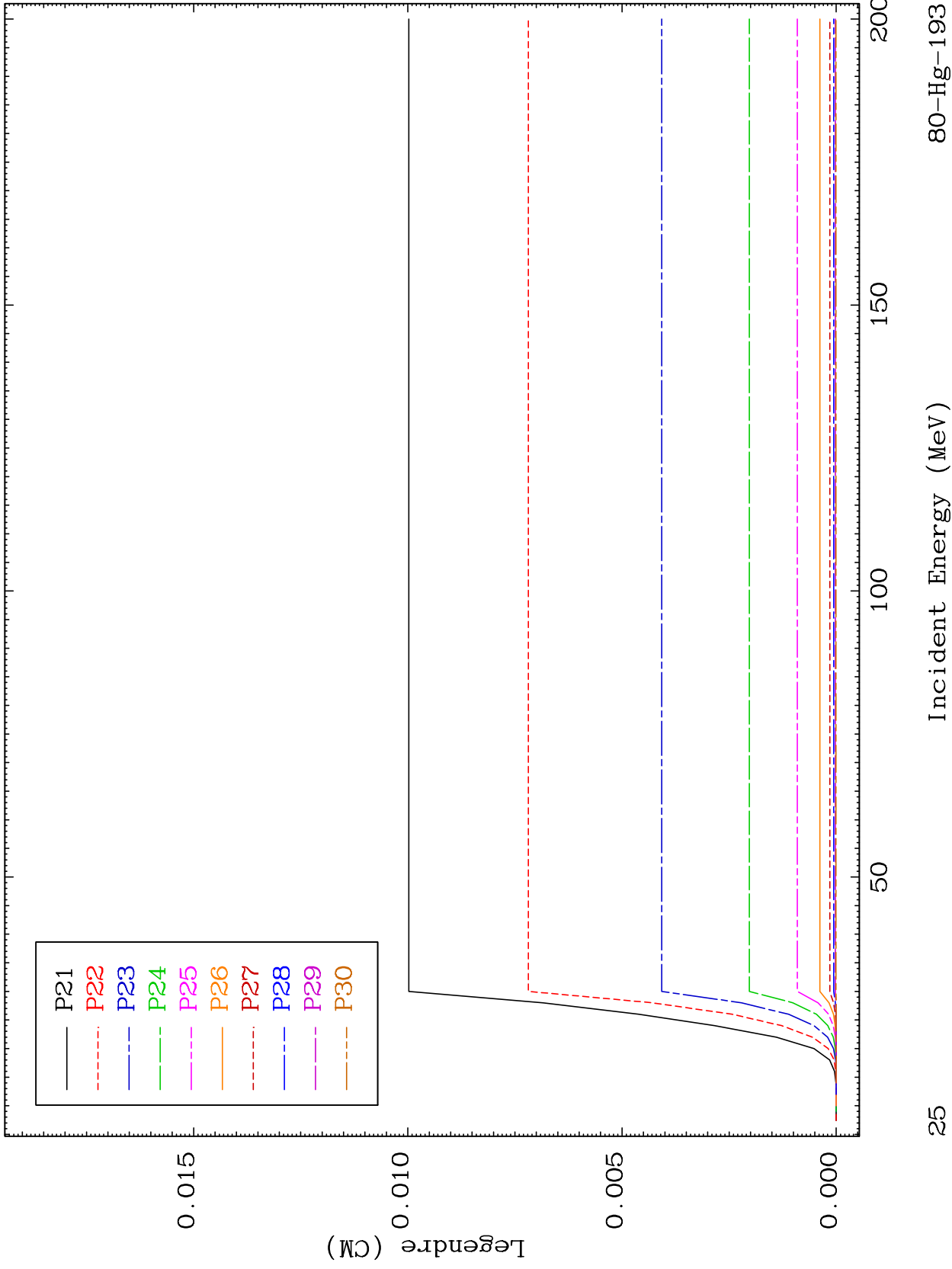
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



25

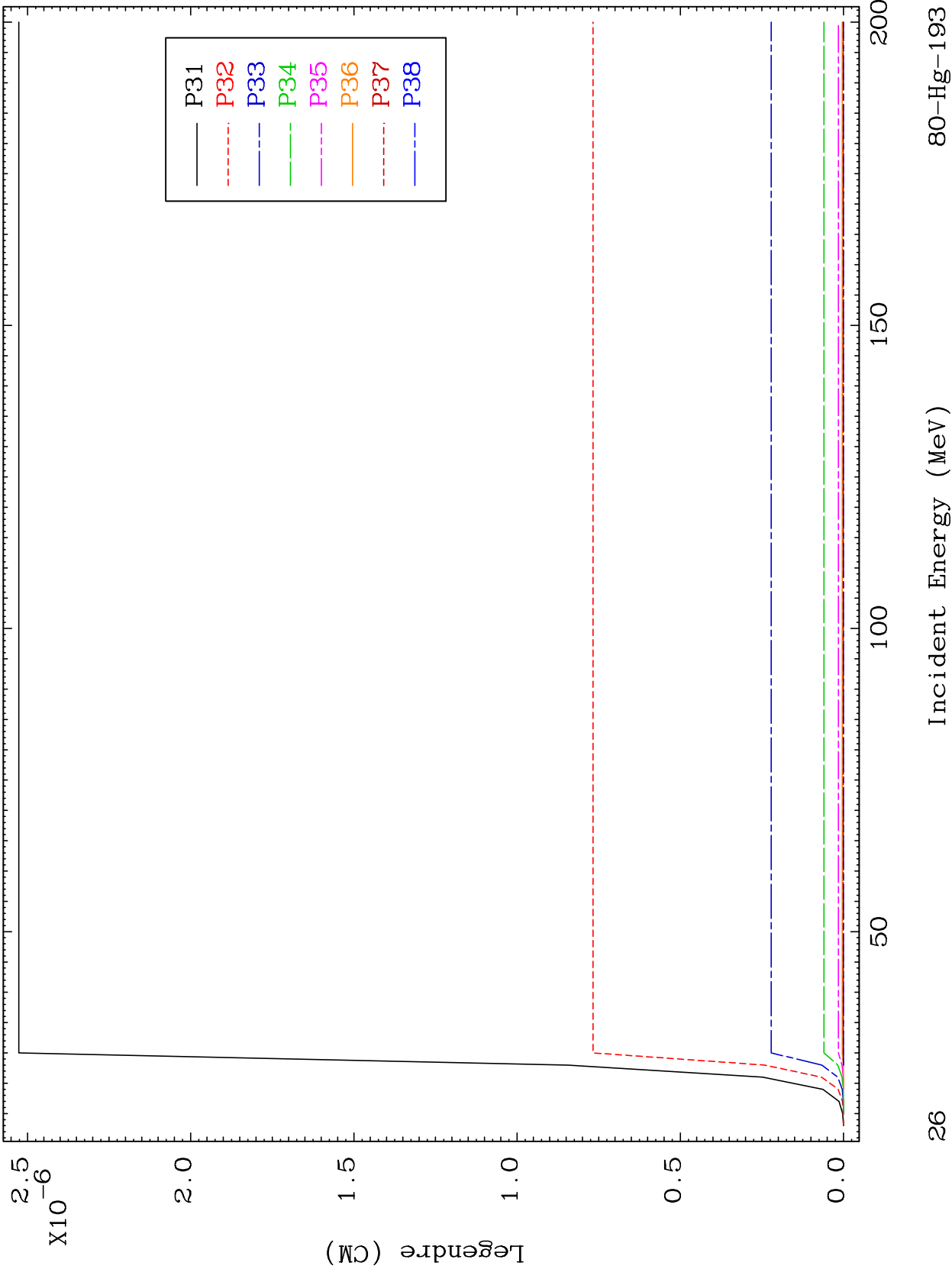
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193

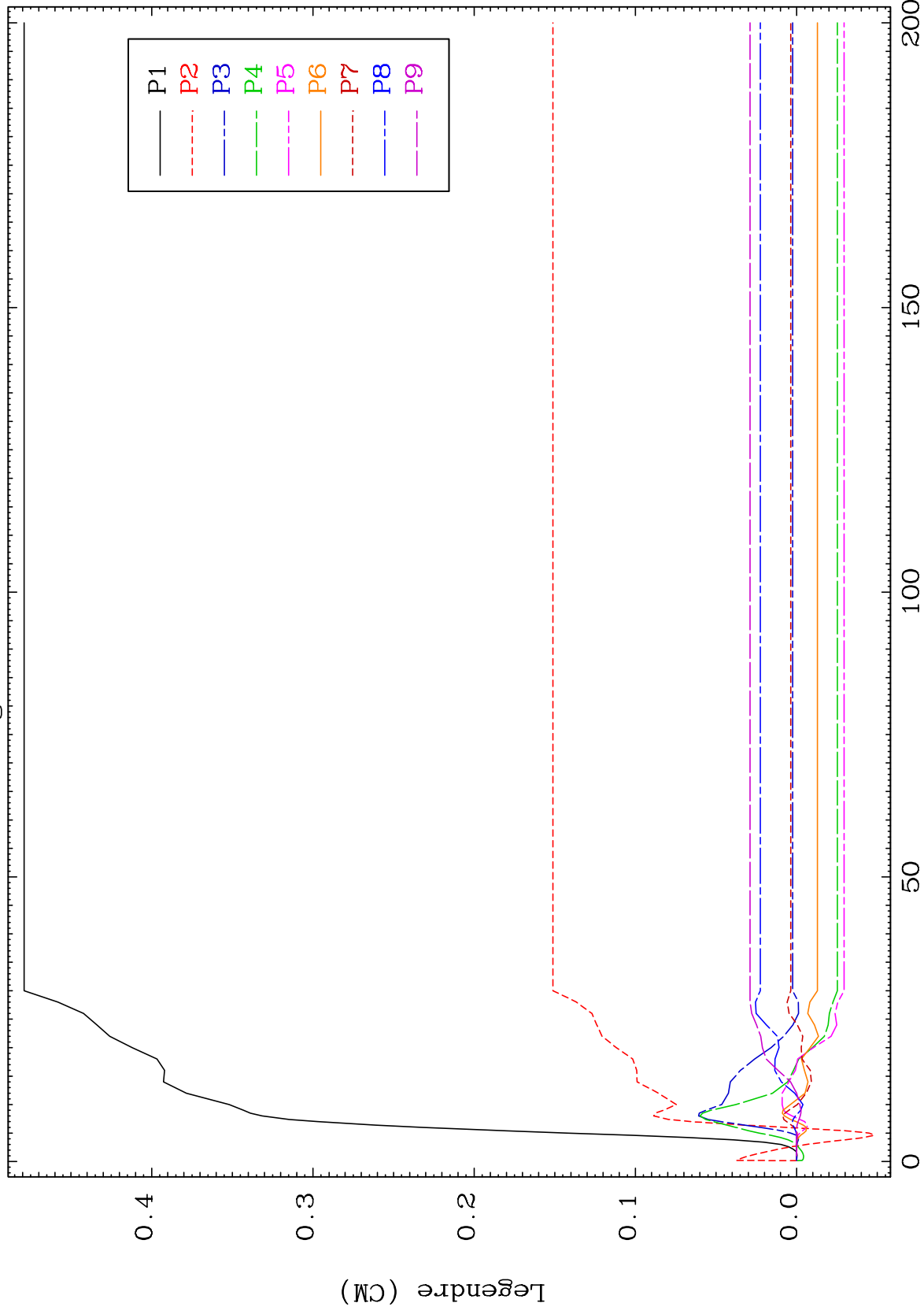


26

MAT 8016

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

80-Hg-193



27

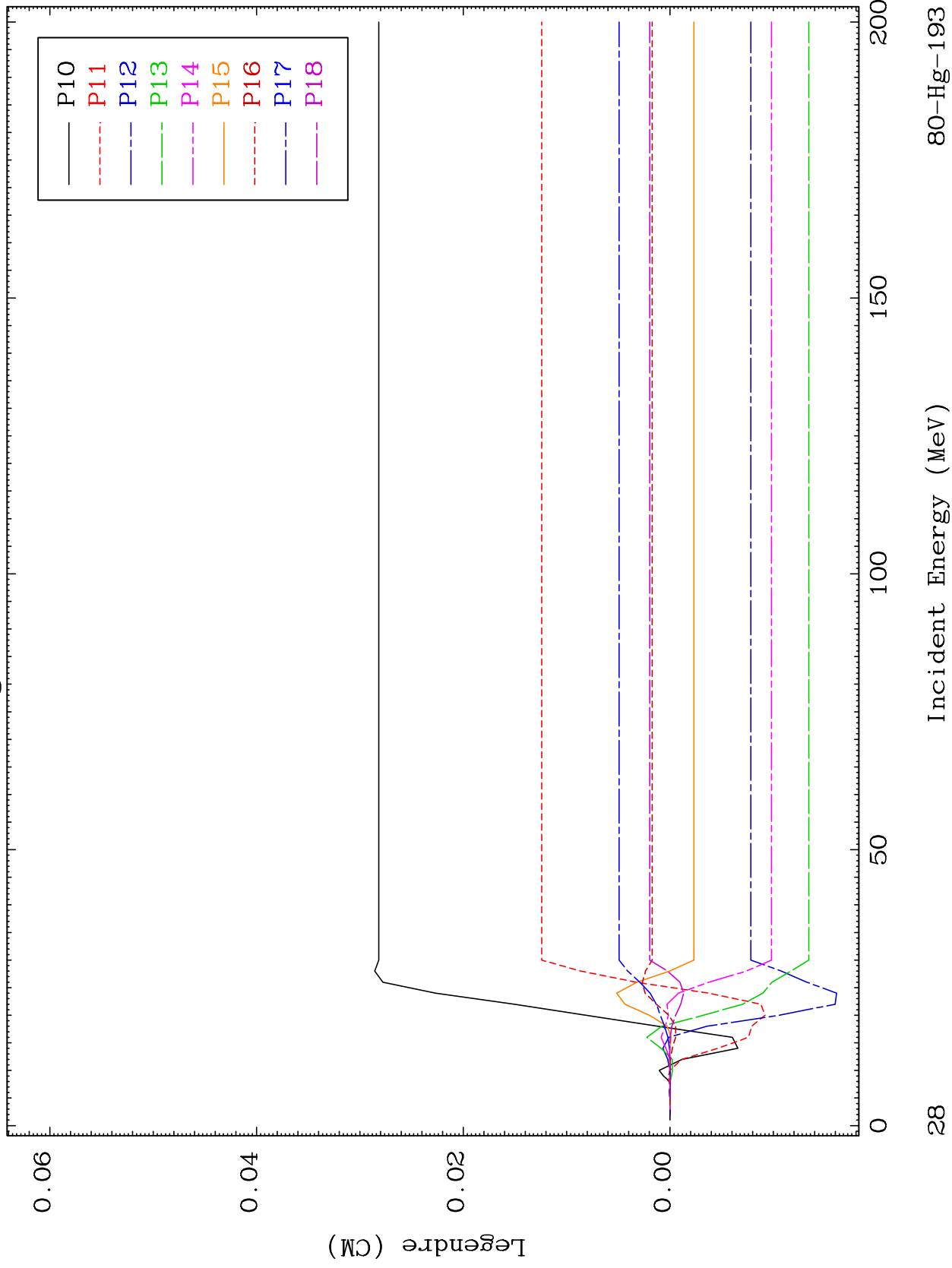
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



80-Hg-193

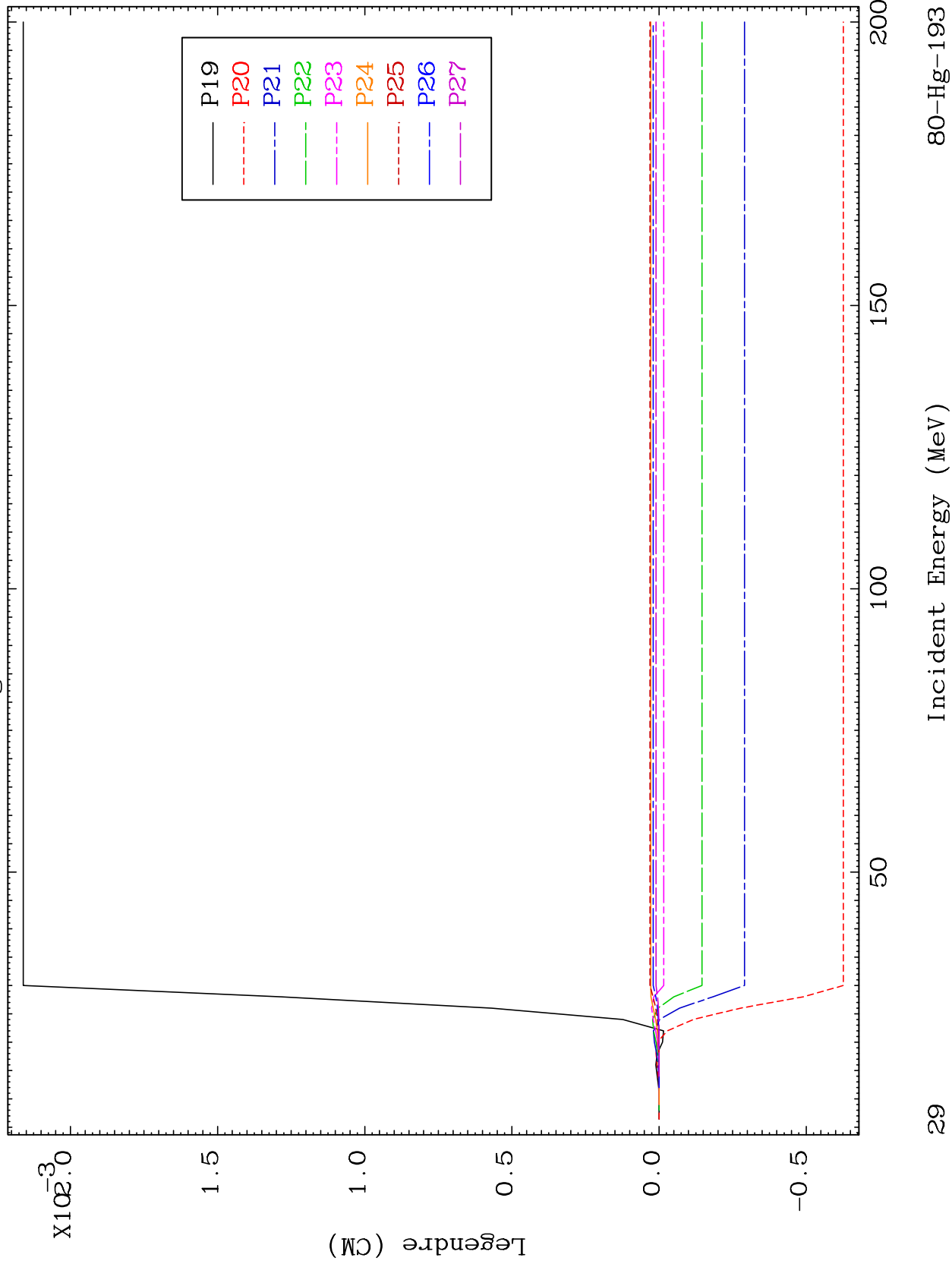
Incident Energy (MeV)

28

MAT 8016

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

80-Hg-193



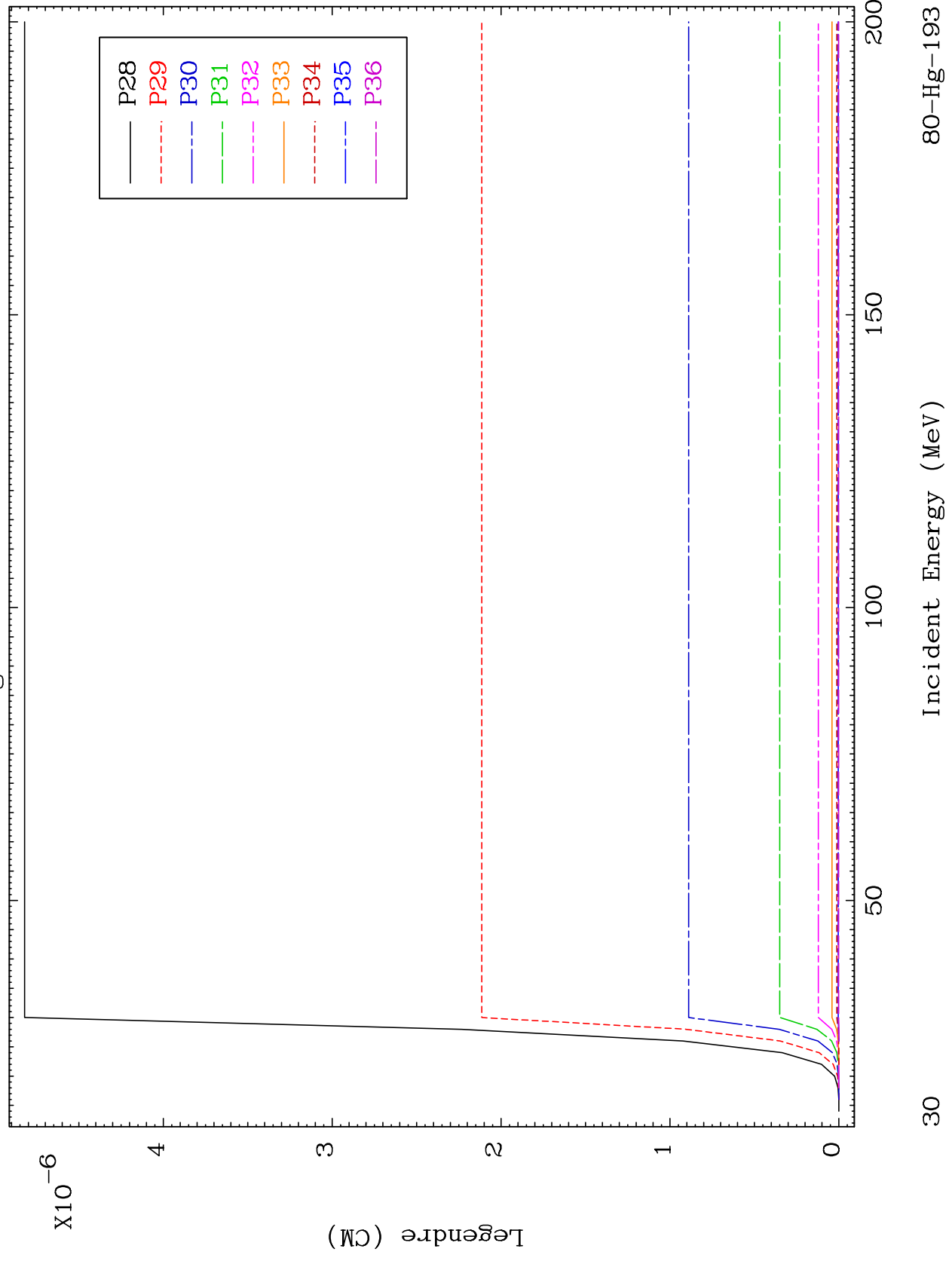
29

80-Hg-193

MAT 8016

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

80-Hg-193



30

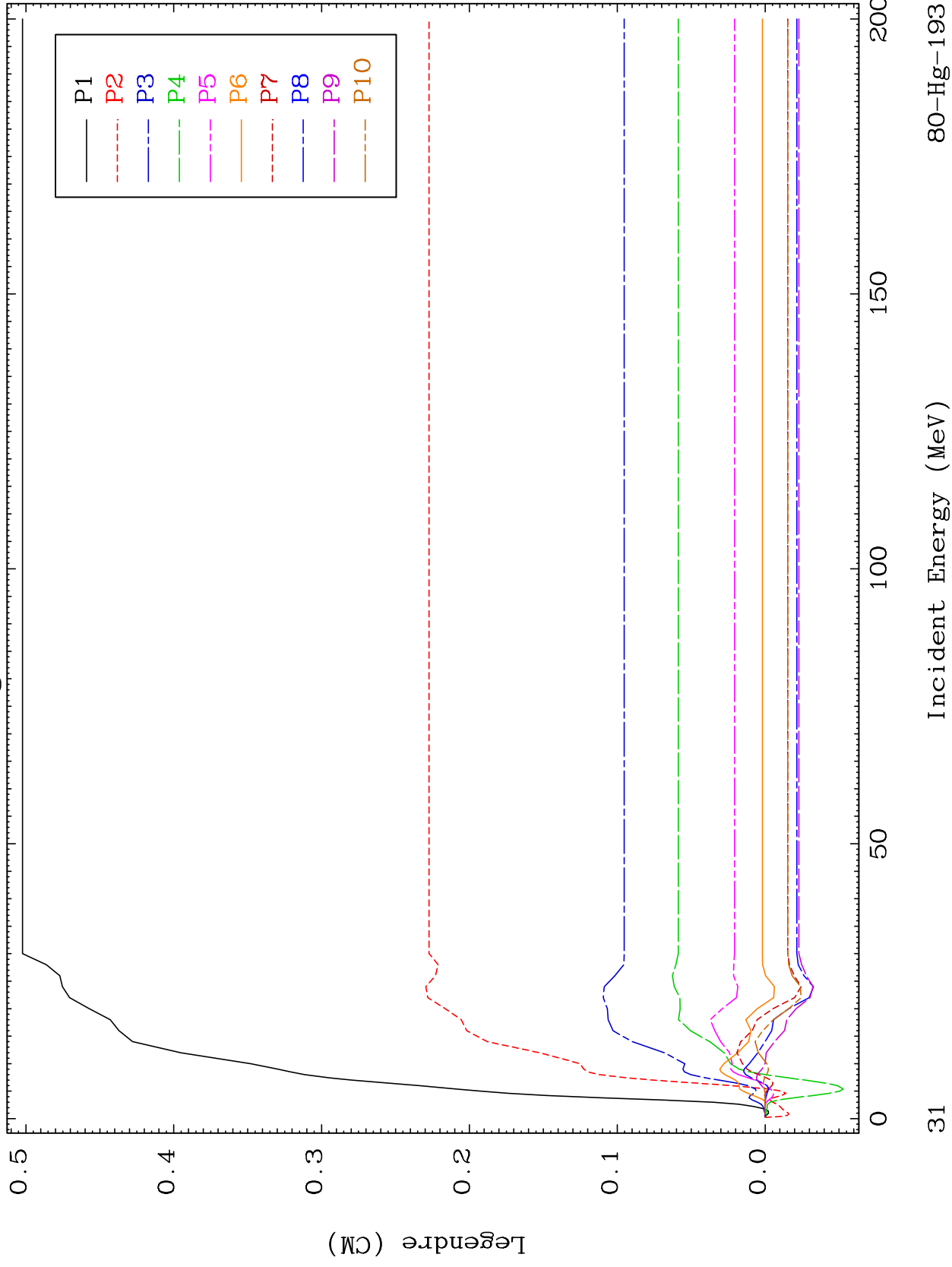
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



31

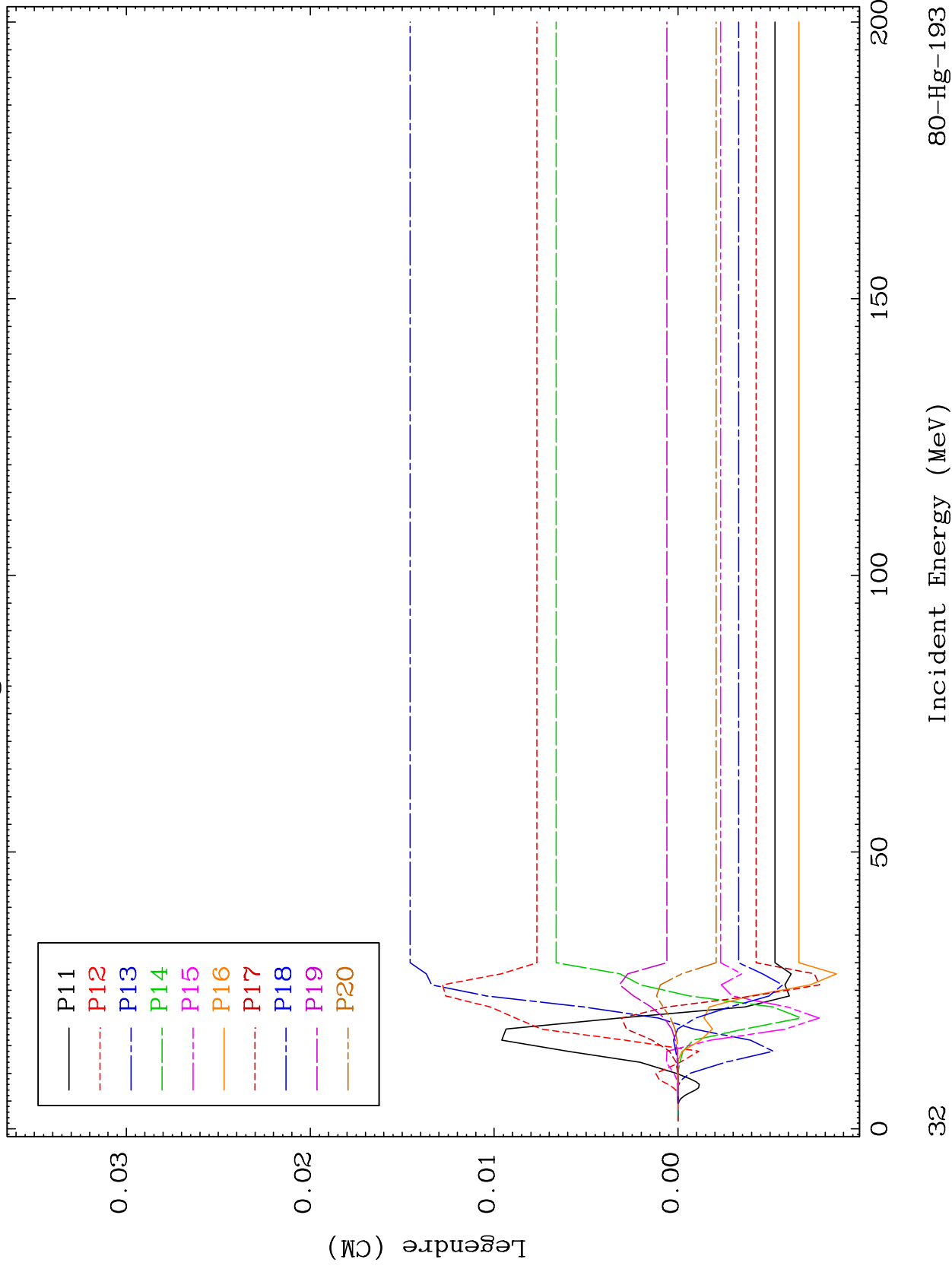
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

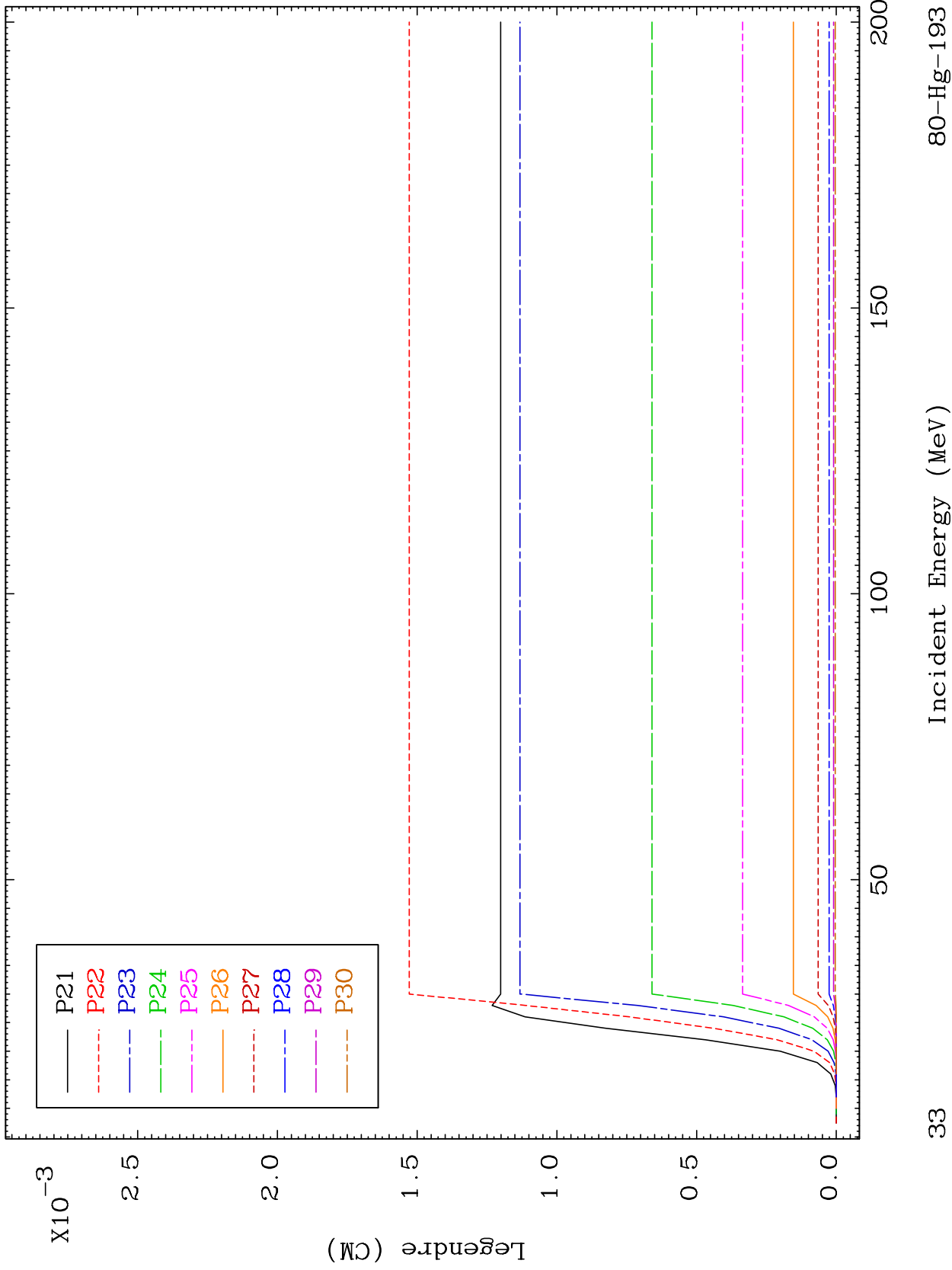
MT= 54 (n,n') Level
Legendre Coefficients



32

Incident Energy (MeV)

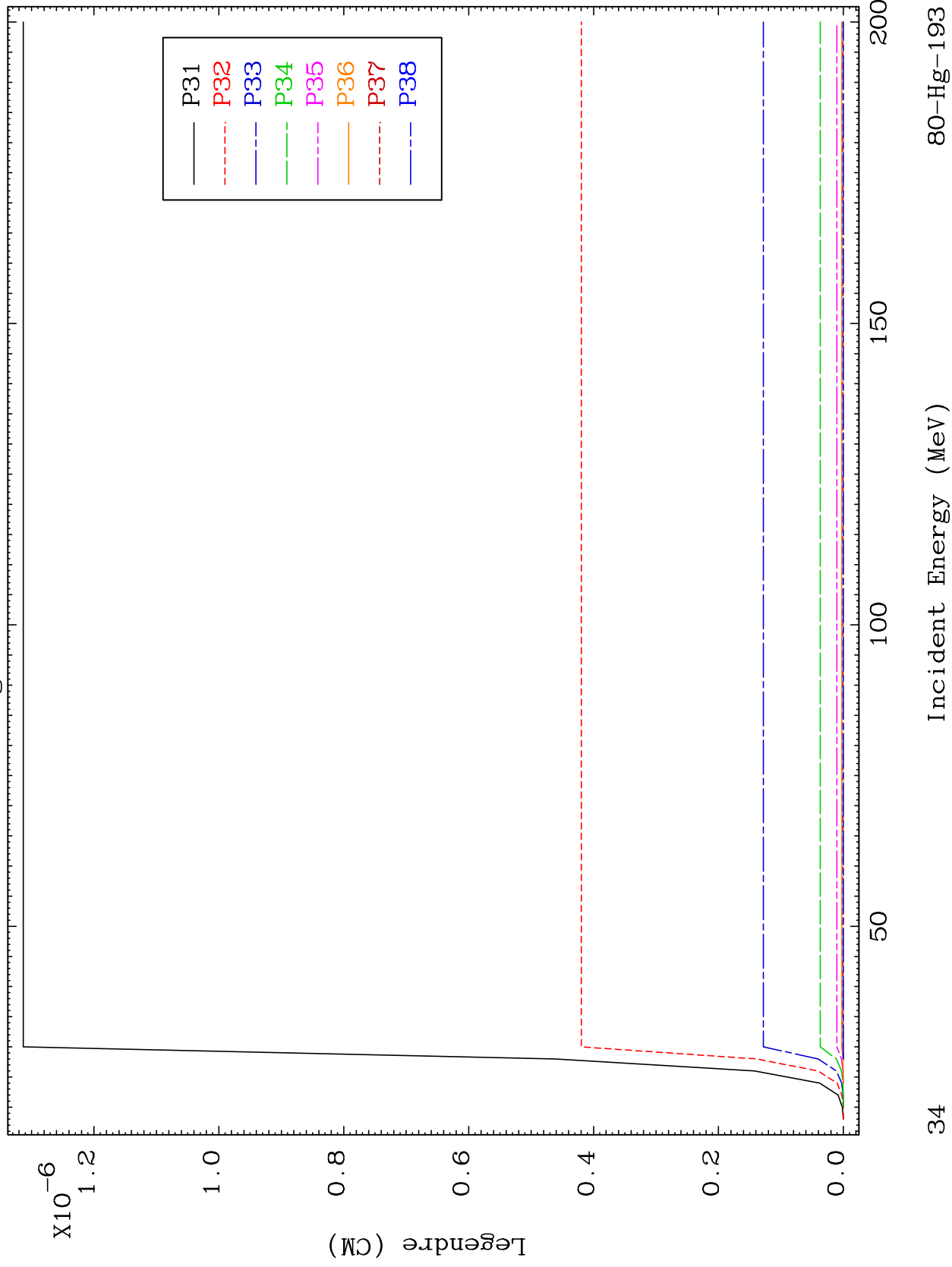
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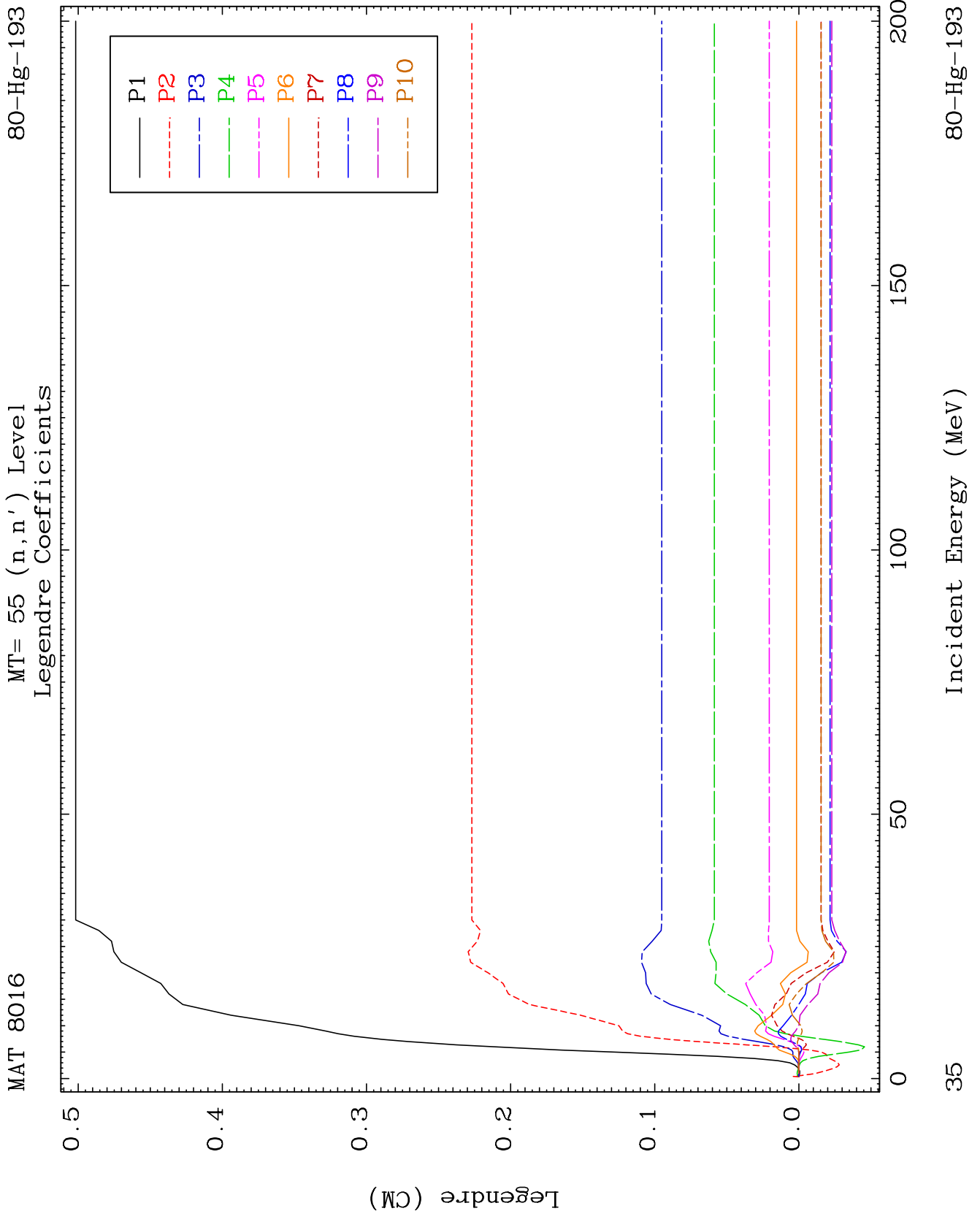


MAT 8016

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

80-Hg-193

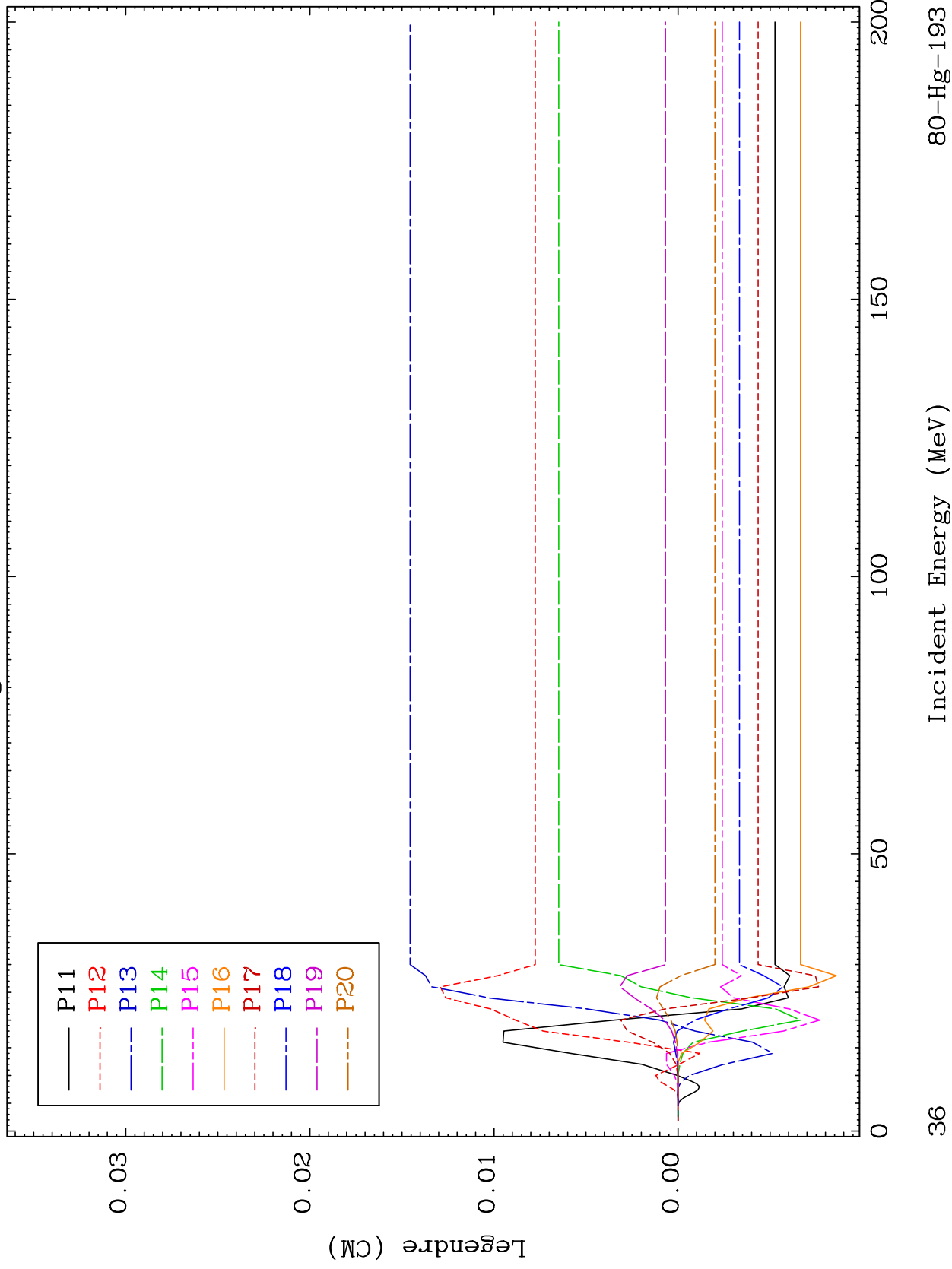




MAT 8016

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

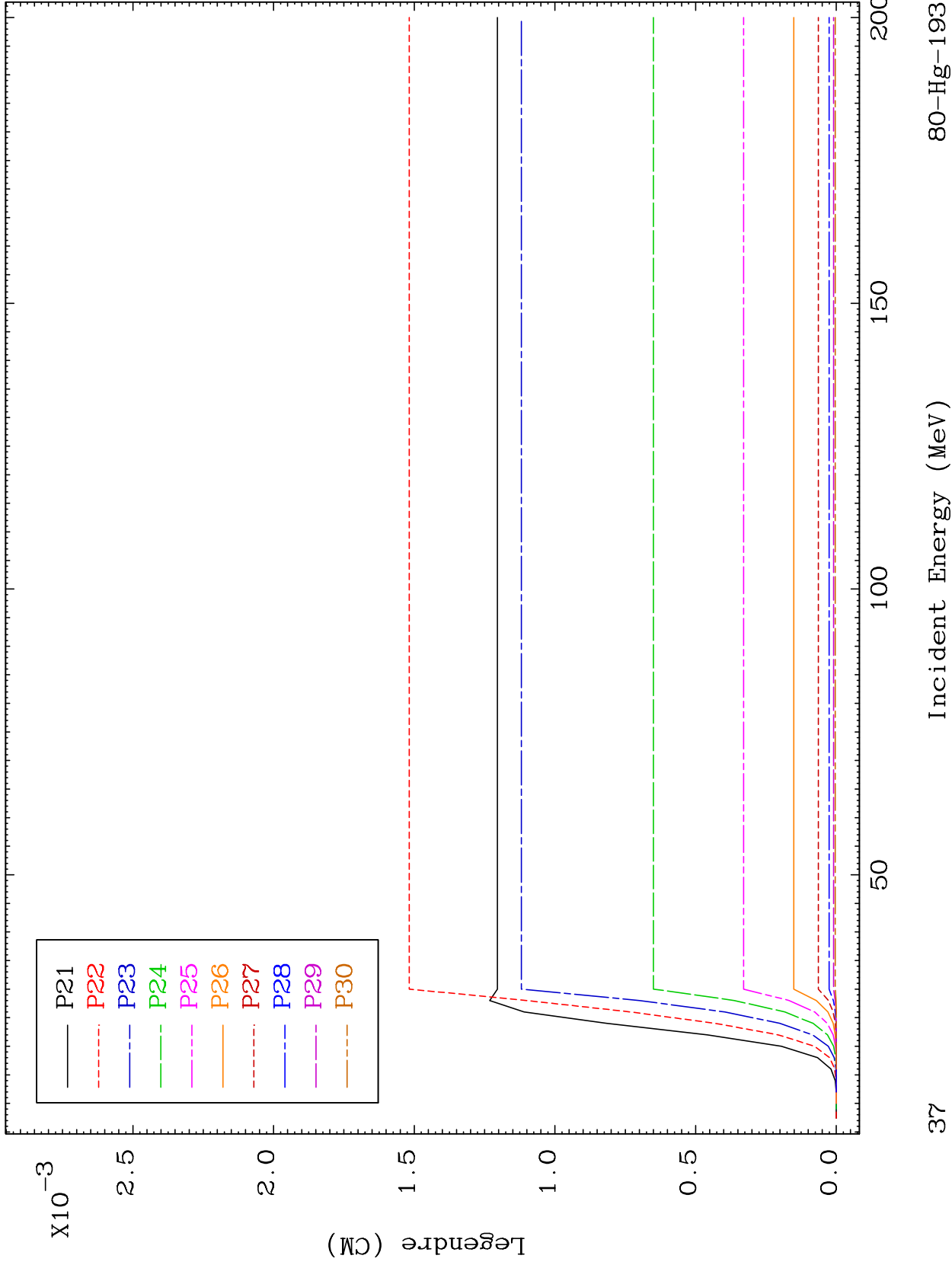
80-Hg-193



36

Incident Energy (MeV)

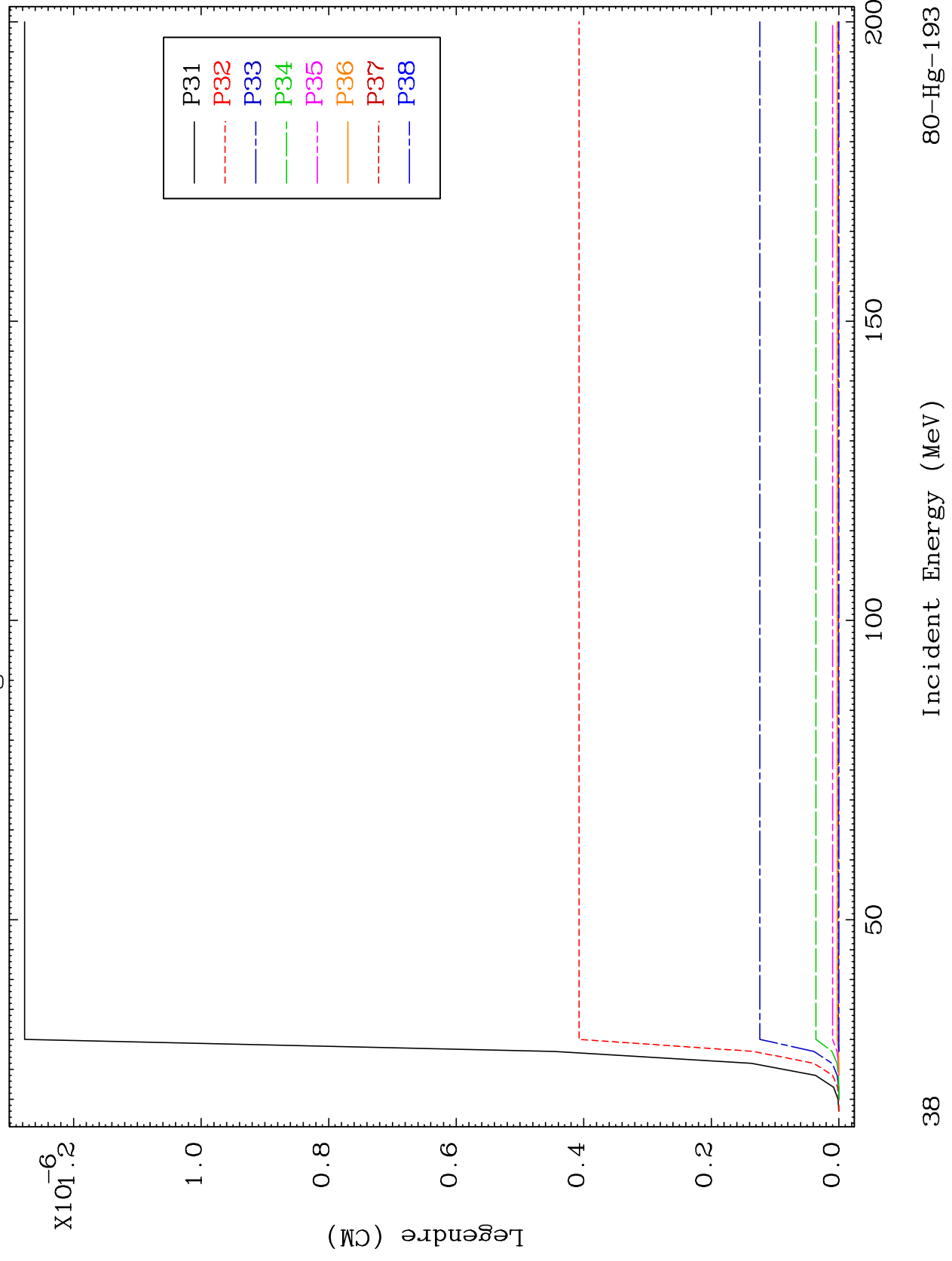
80-Hg-193



MAT 8016

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

80-Hg-193



38

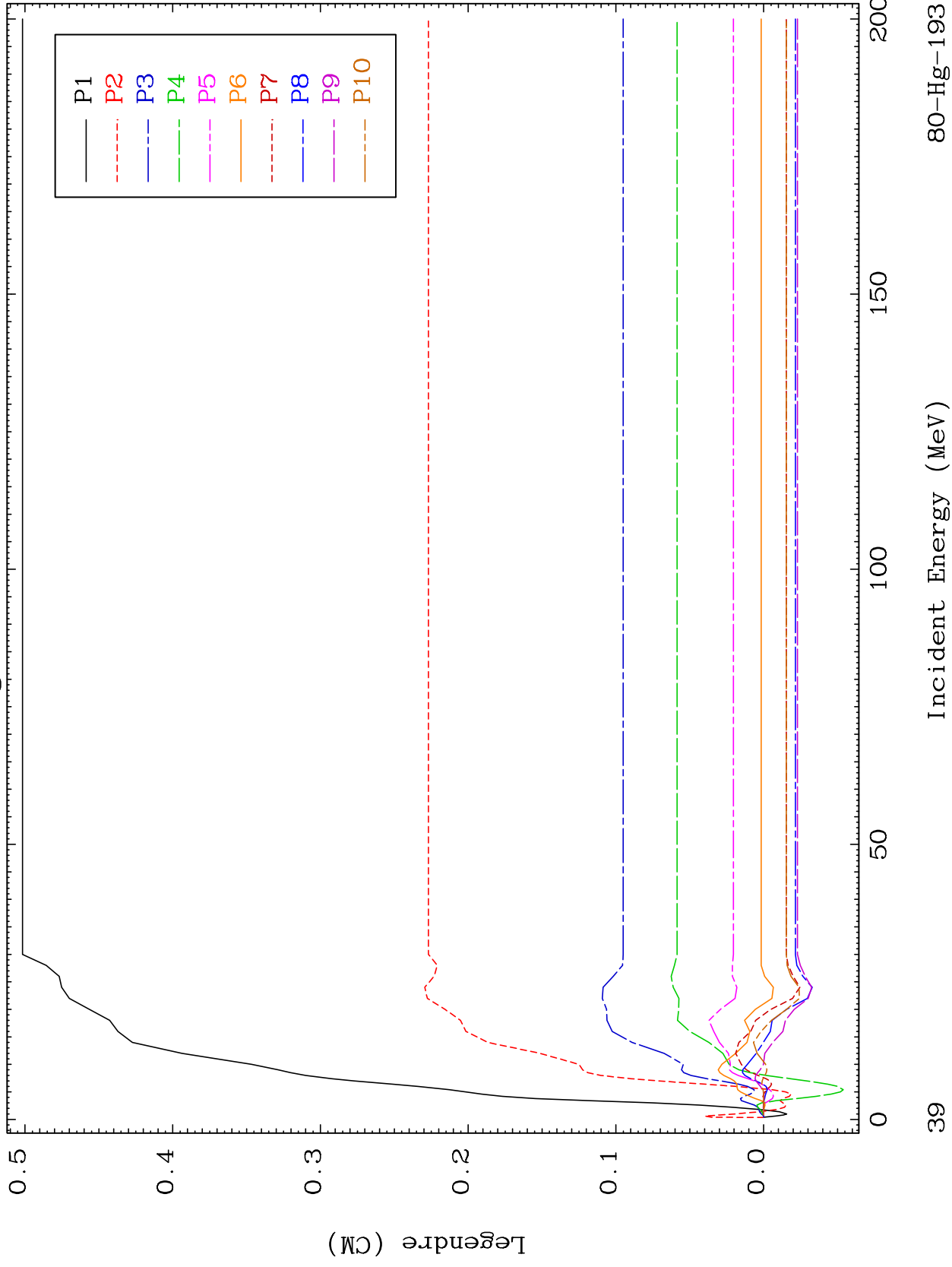
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

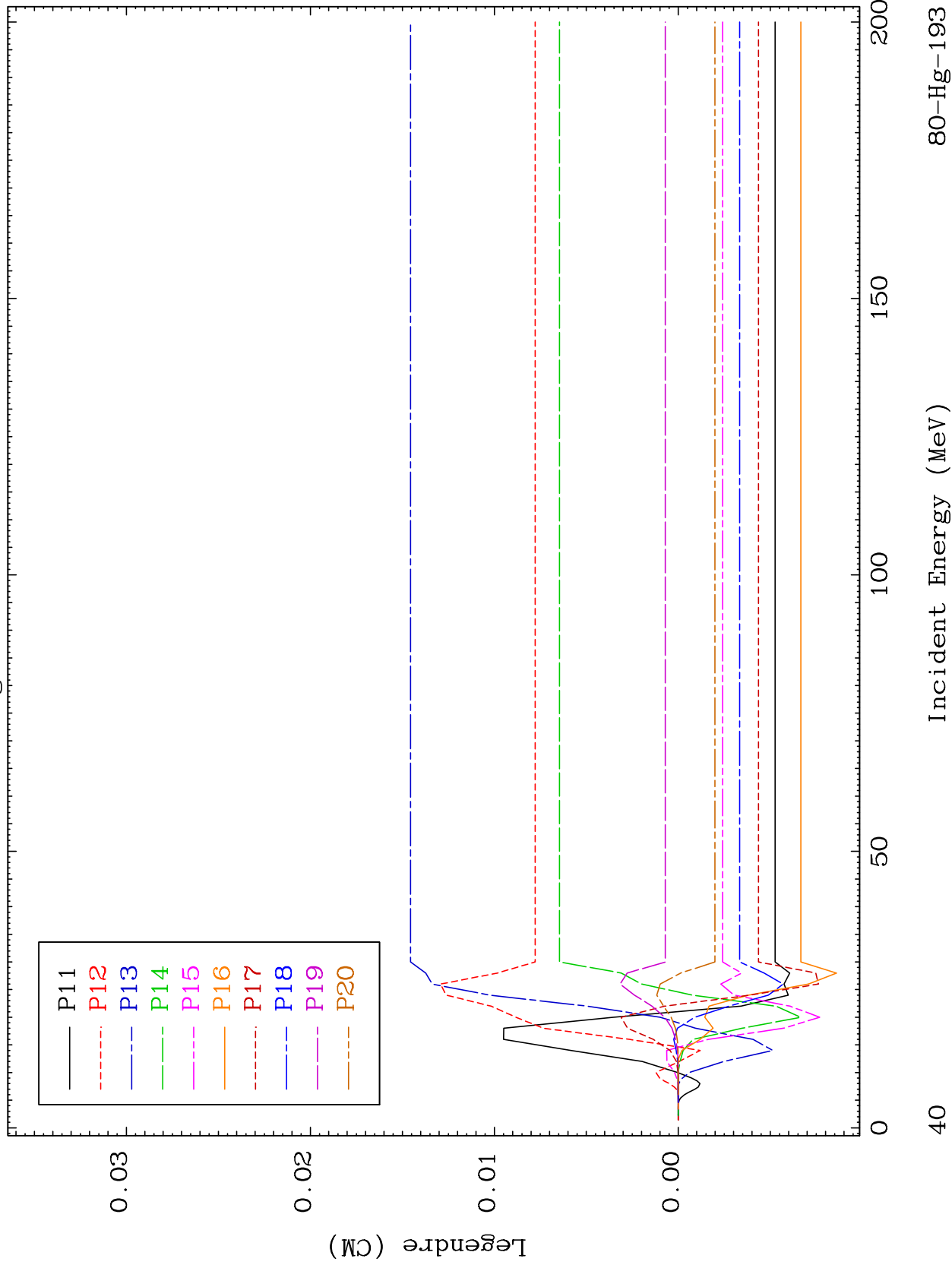
80-Hg-193



MAT 8016

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

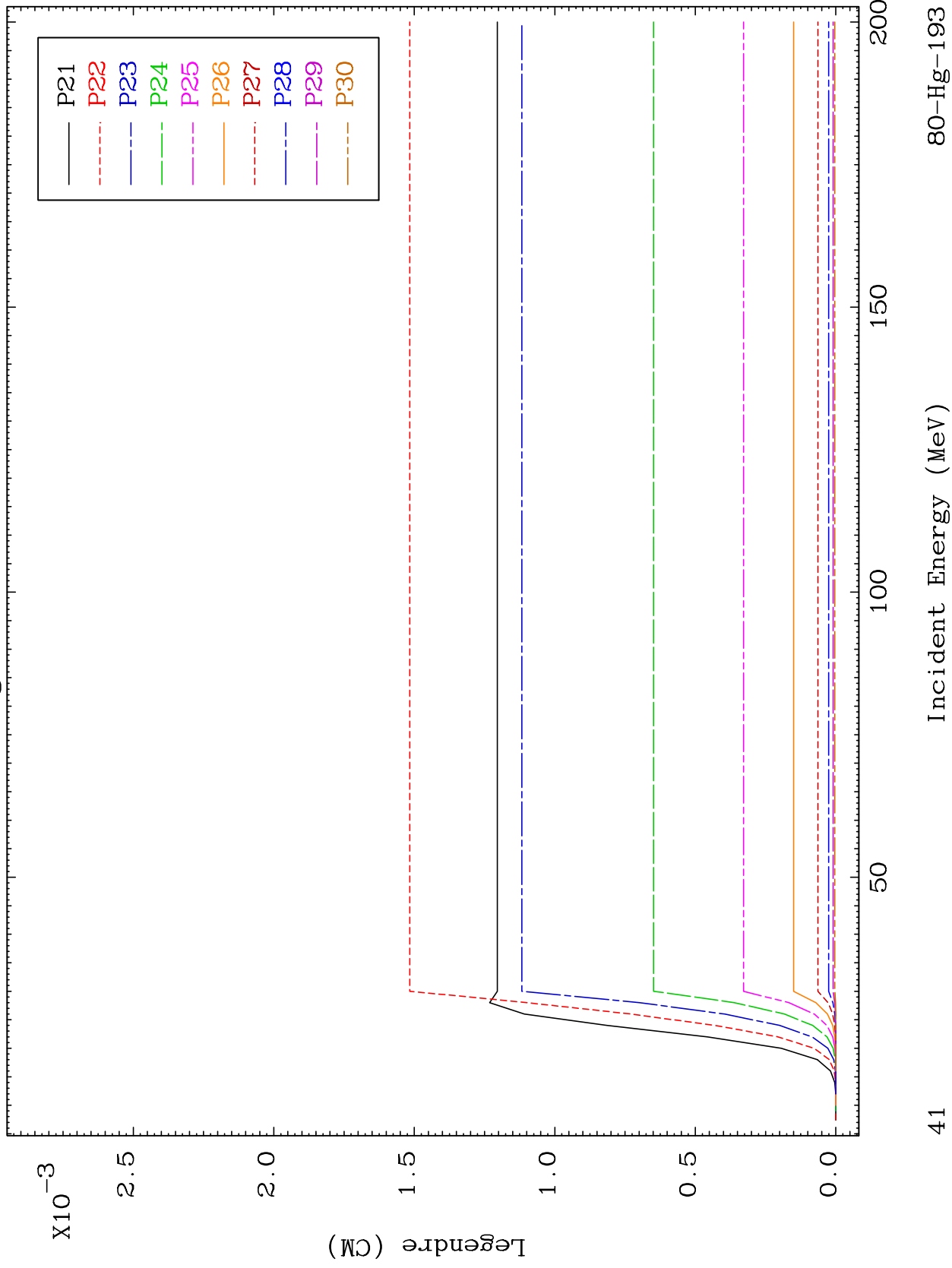
80-Hg-193



MAT 8016

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

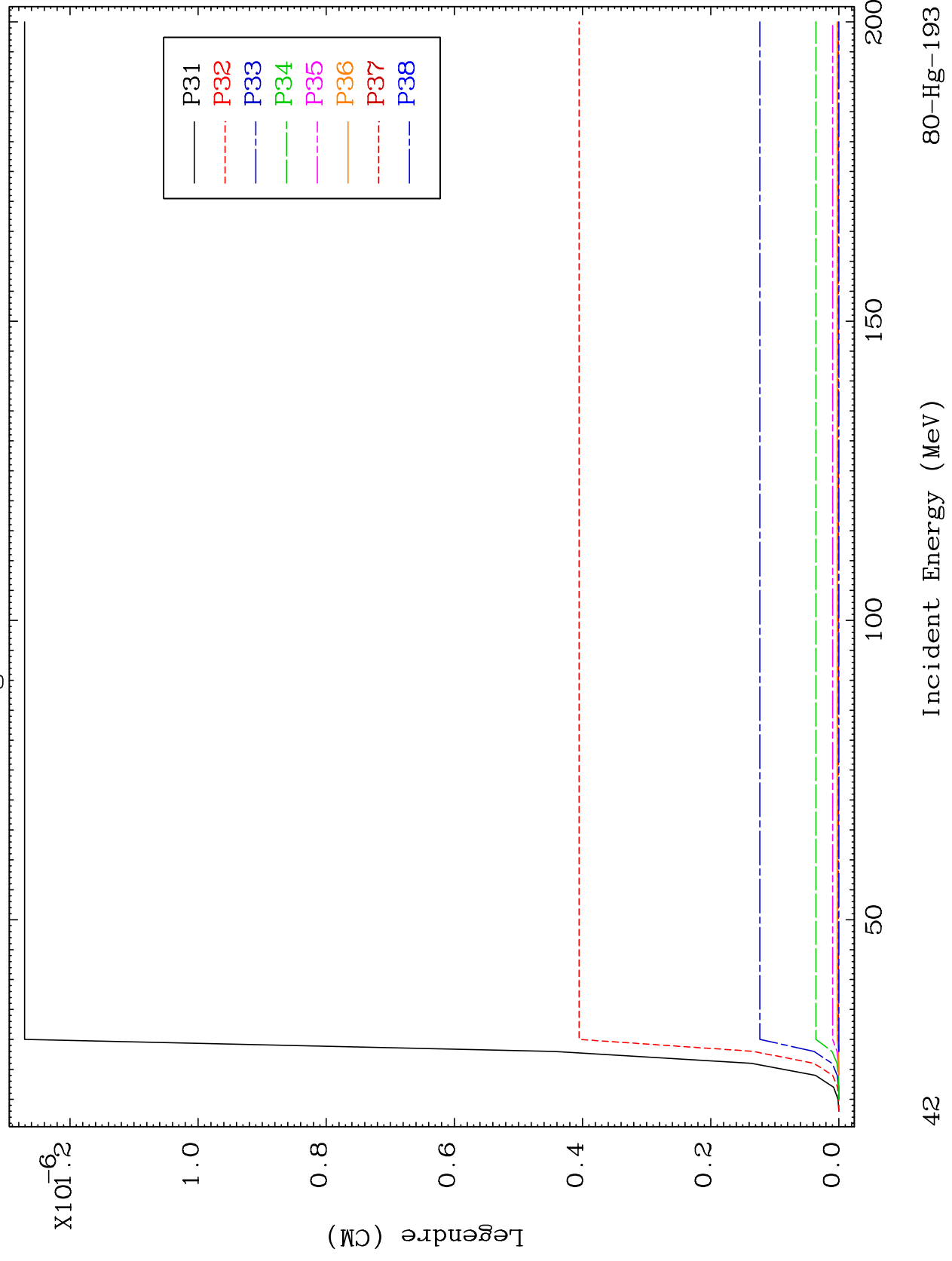
80-Hg-193



MAT 8016

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

80-Hg-193



42

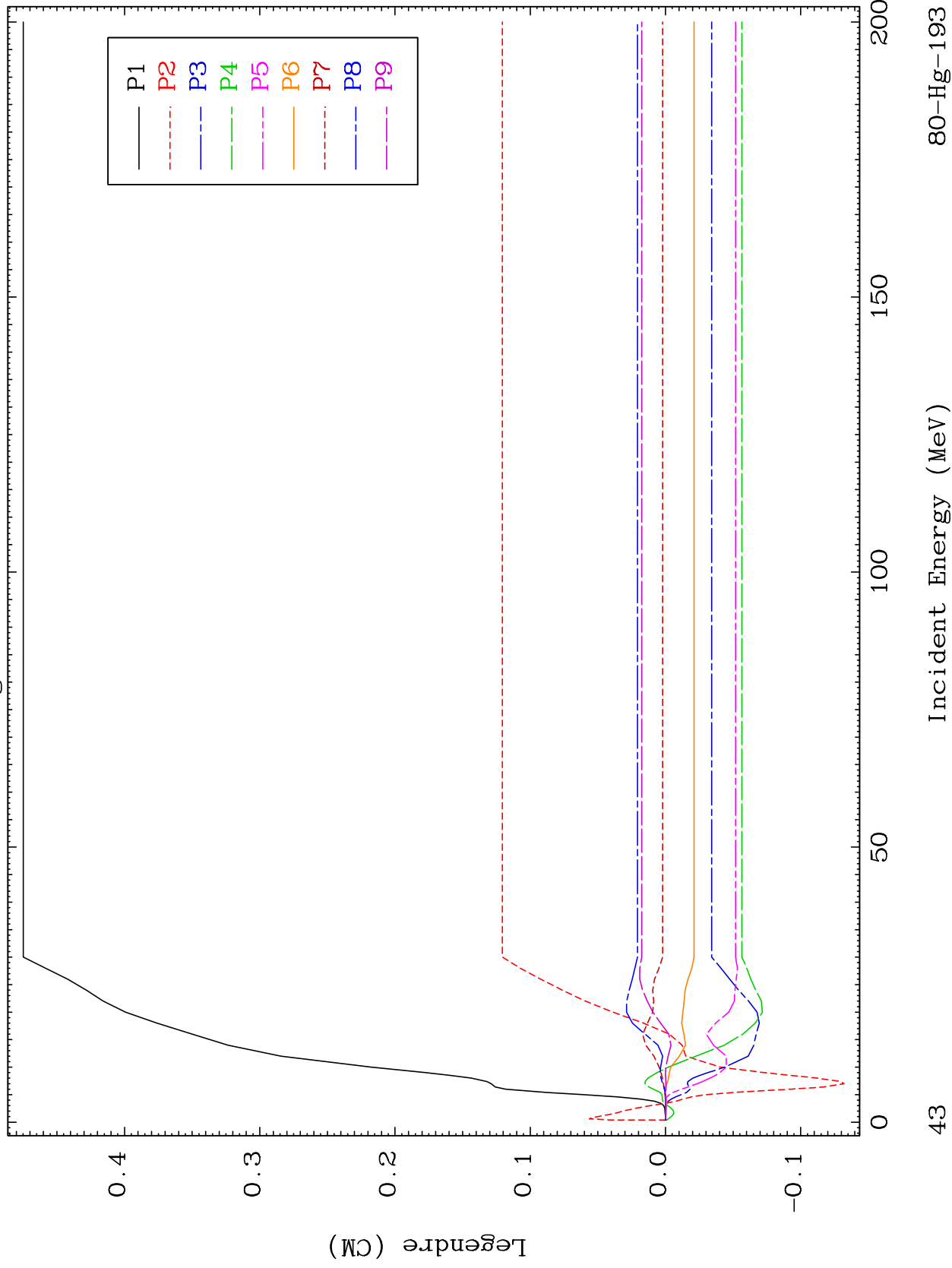
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



80-Hg-193

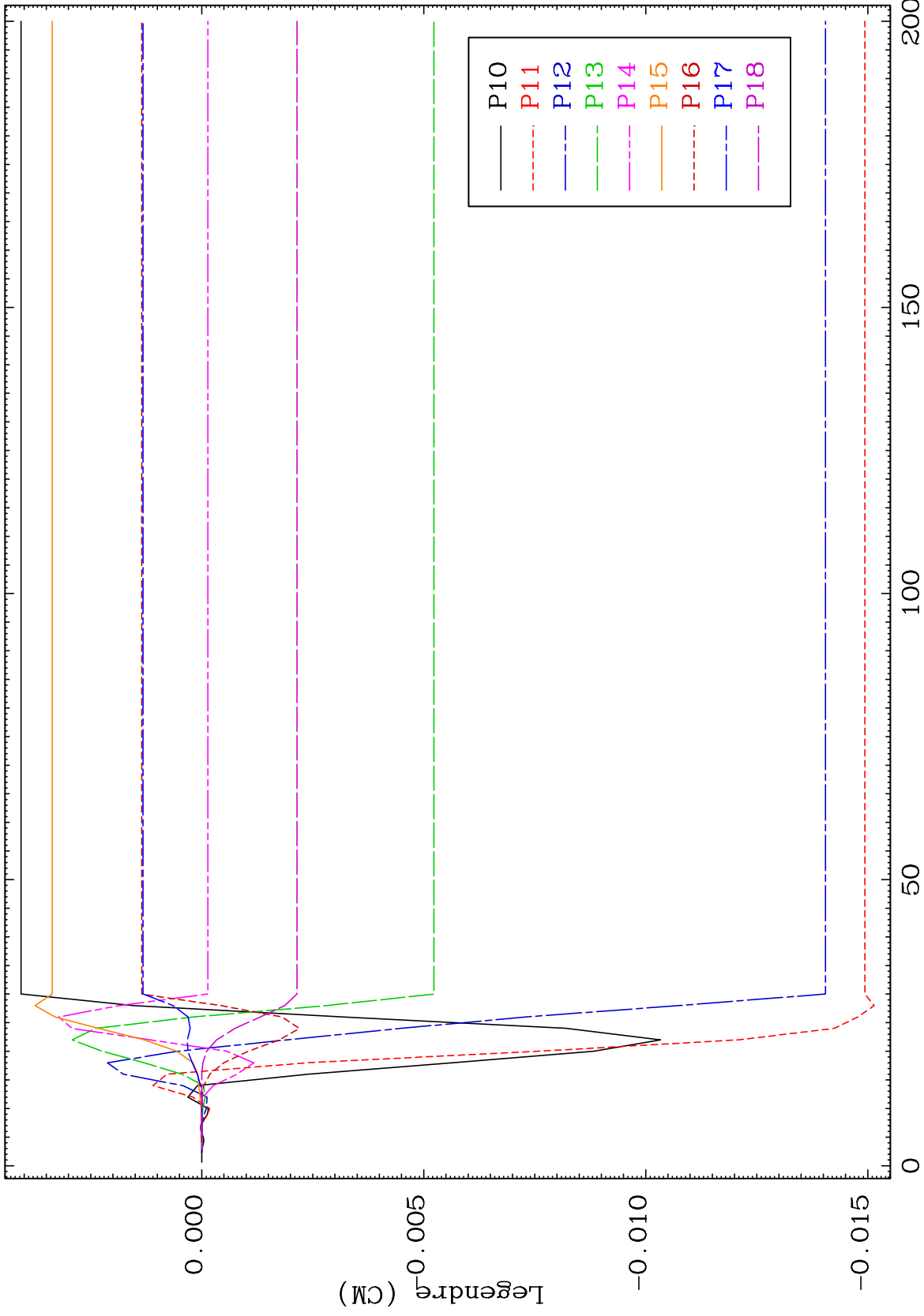
Incident Energy (MeV)

43

MAT 8016

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

80-Hg-193



44

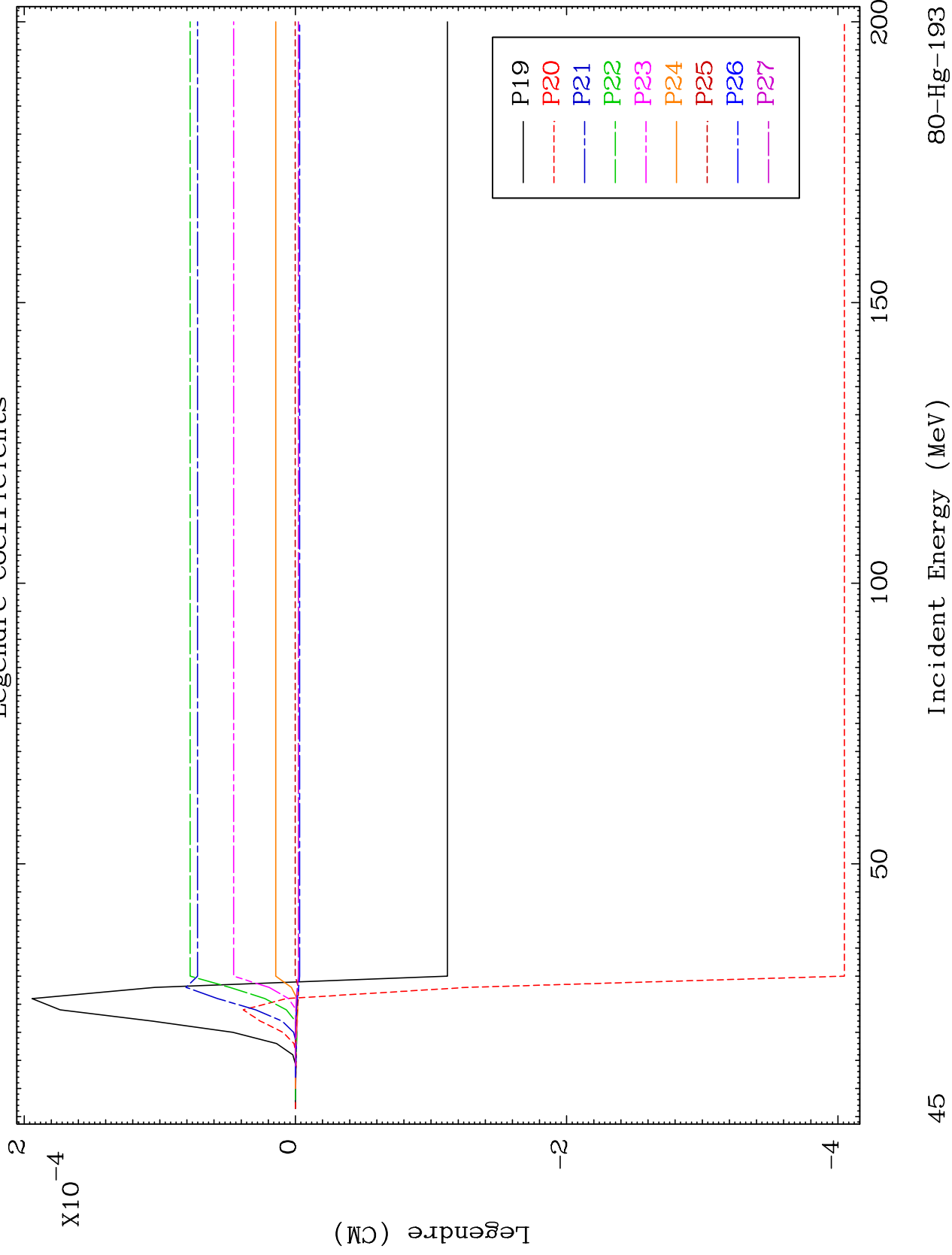
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

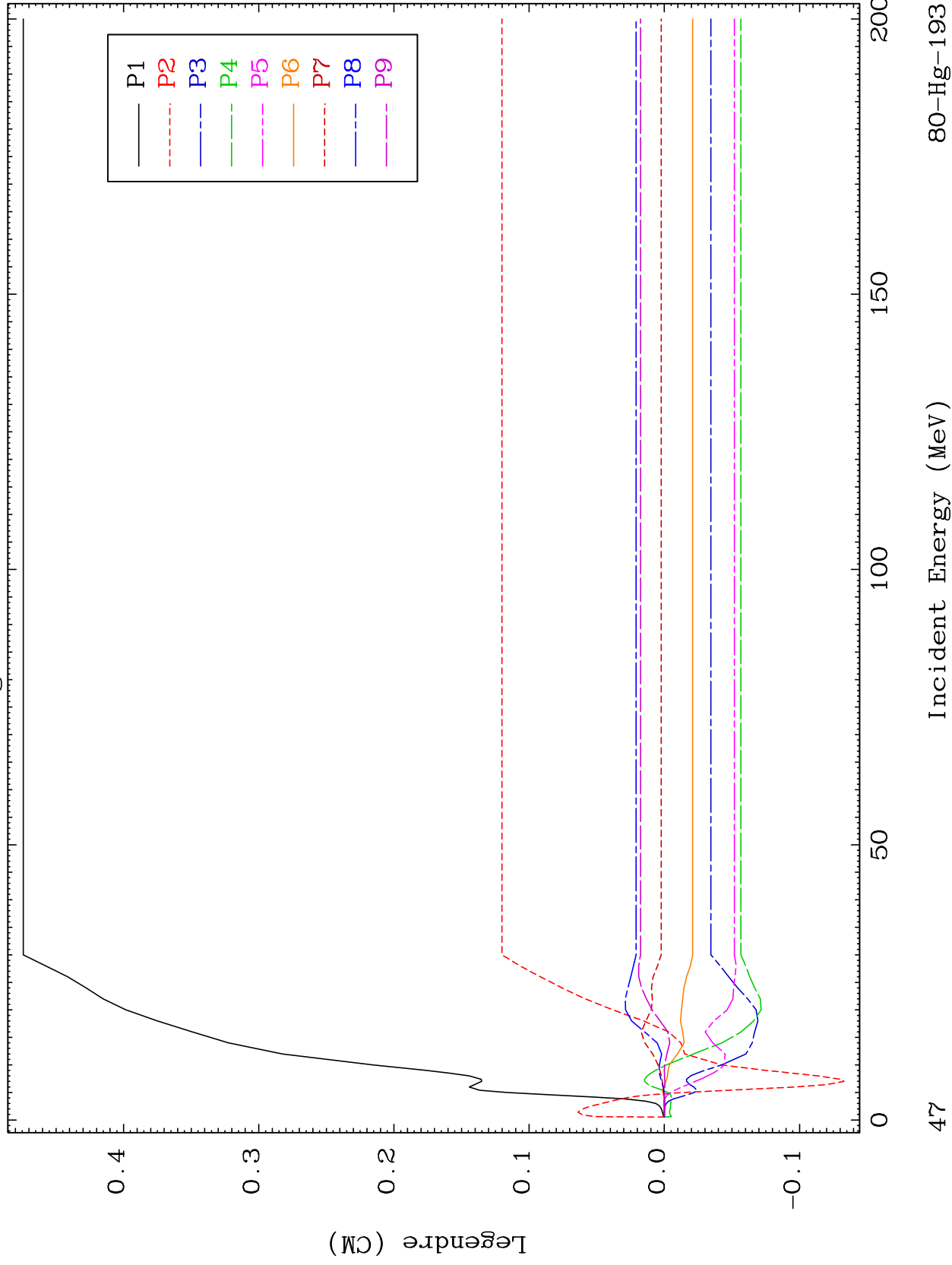
80-Hg-193



MAT 8016

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

80-Hg-193



80-Hg-193

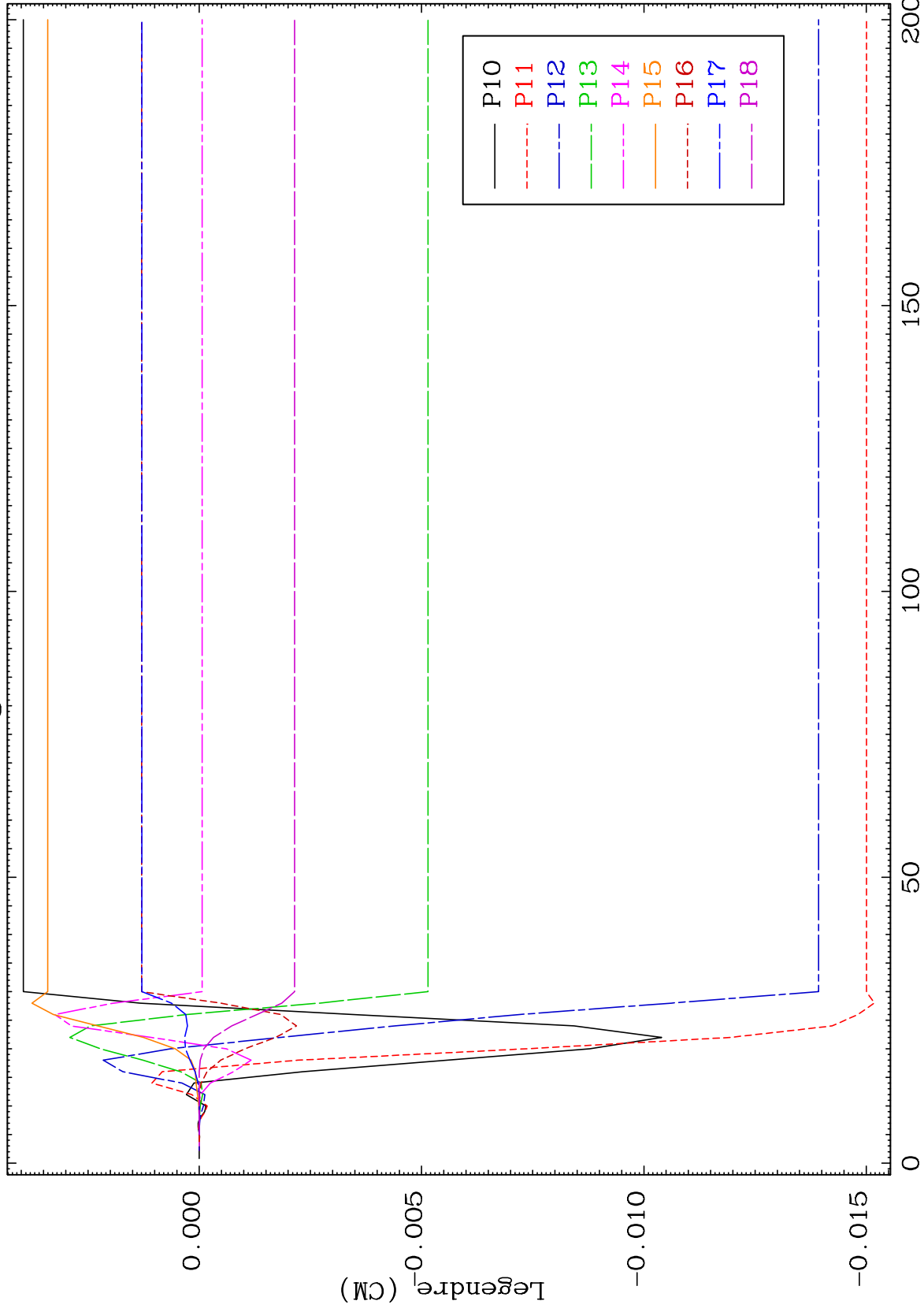
Incident Energy (MeV)

47

MAT 8016

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

80-Hg-193



48

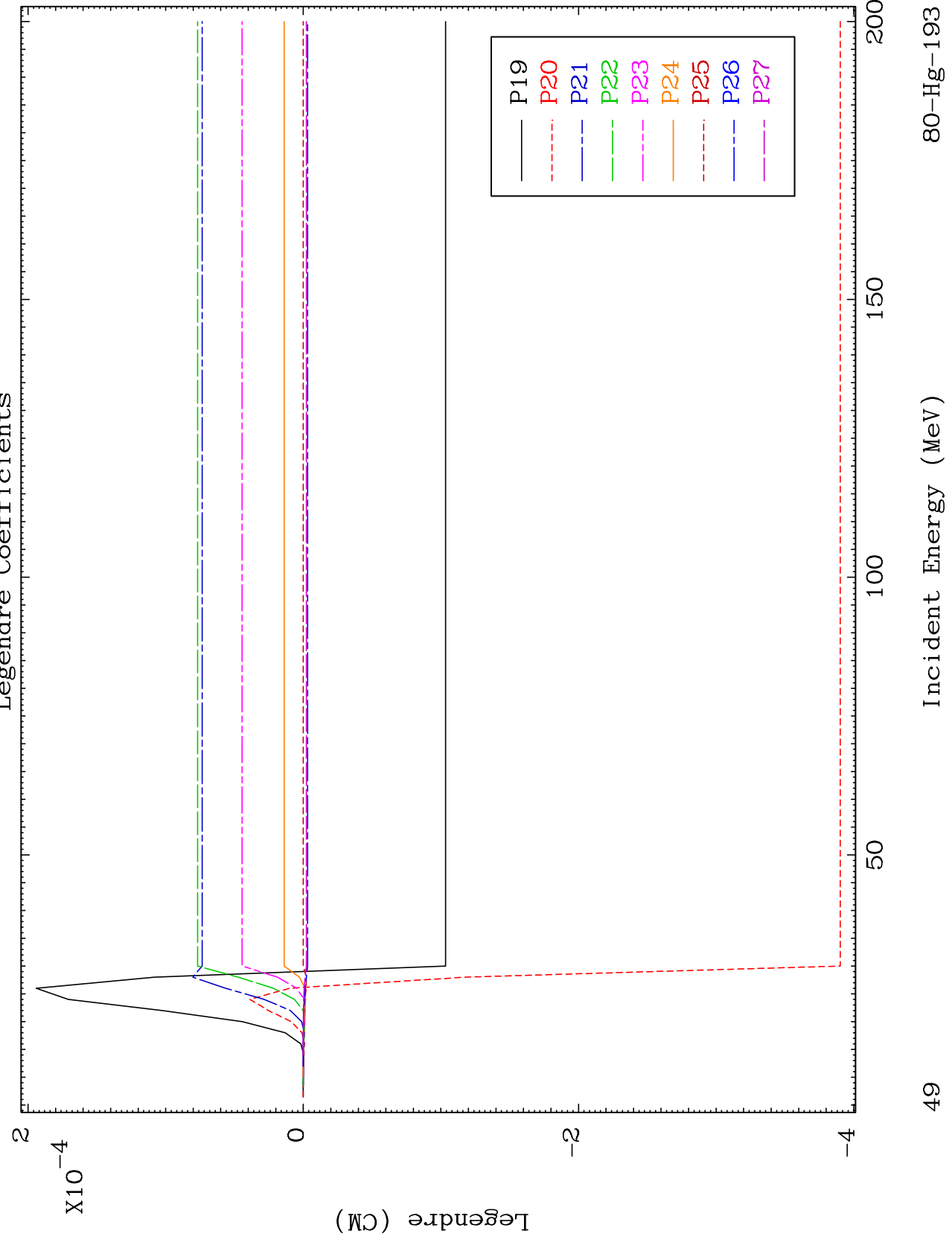
Incident Energy (MeV)

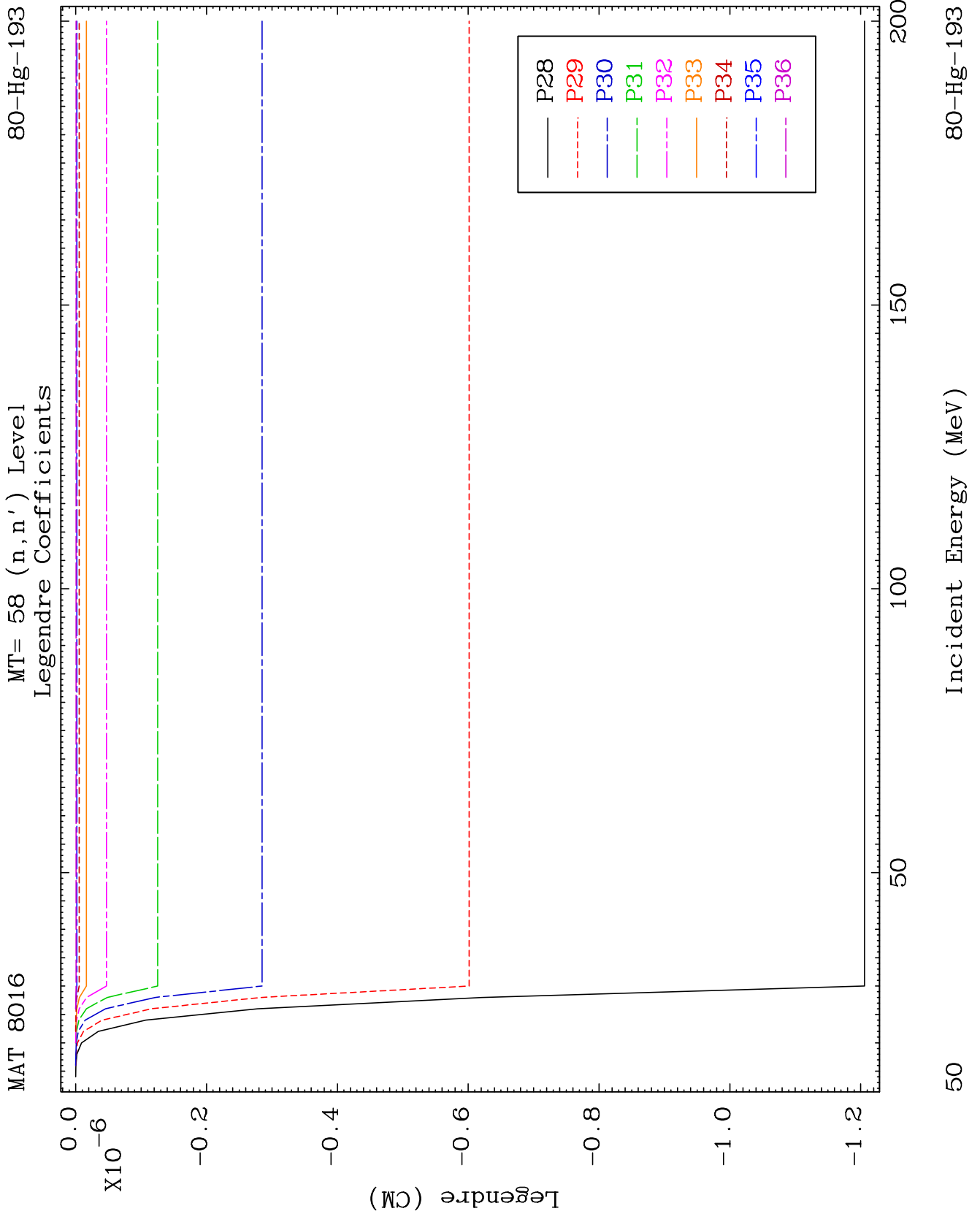
80-Hg-193

MAT 8016

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

80-Hg-193



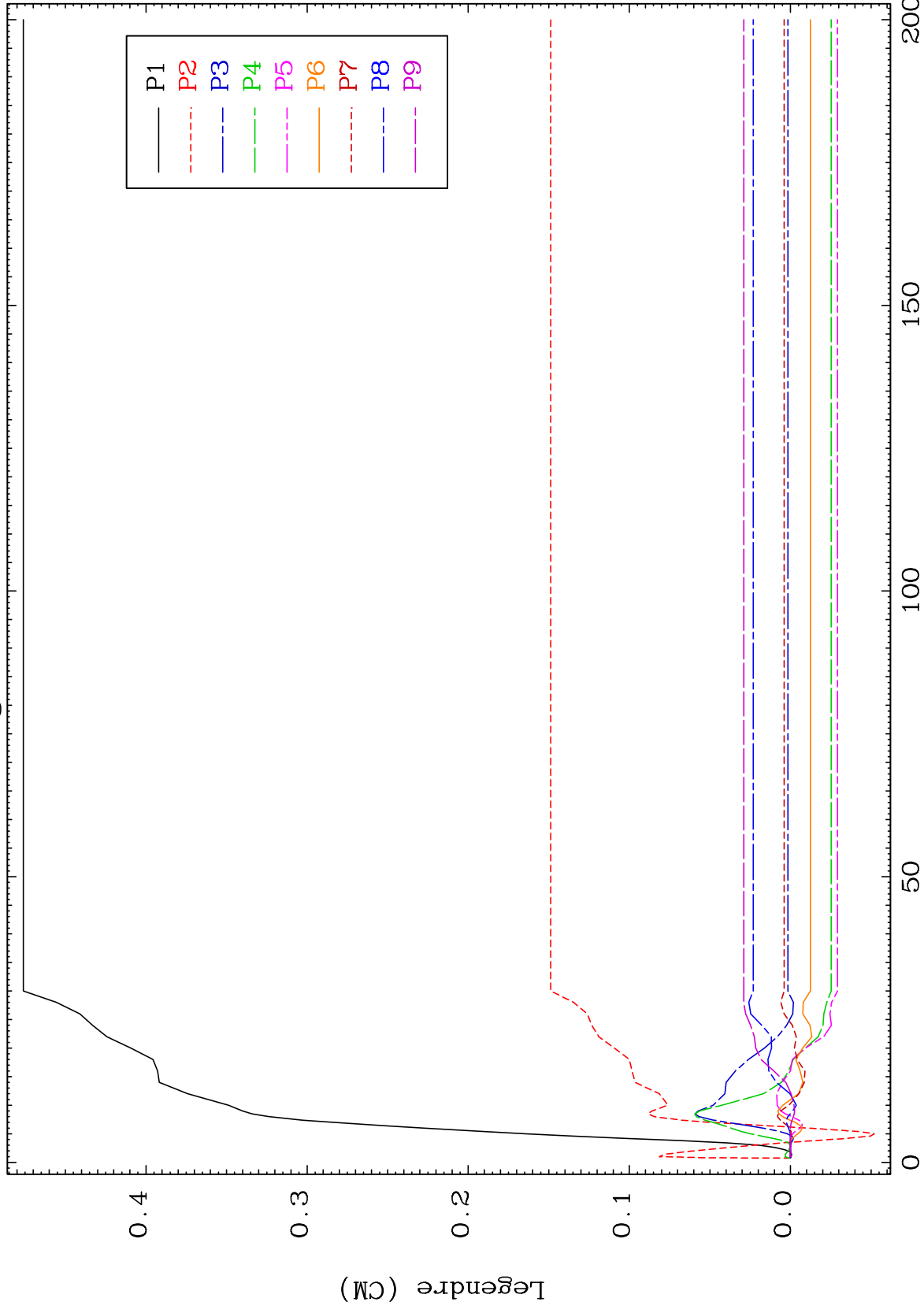


MAT 8016

MT= 59 (n,n') Level

80-Hg-193

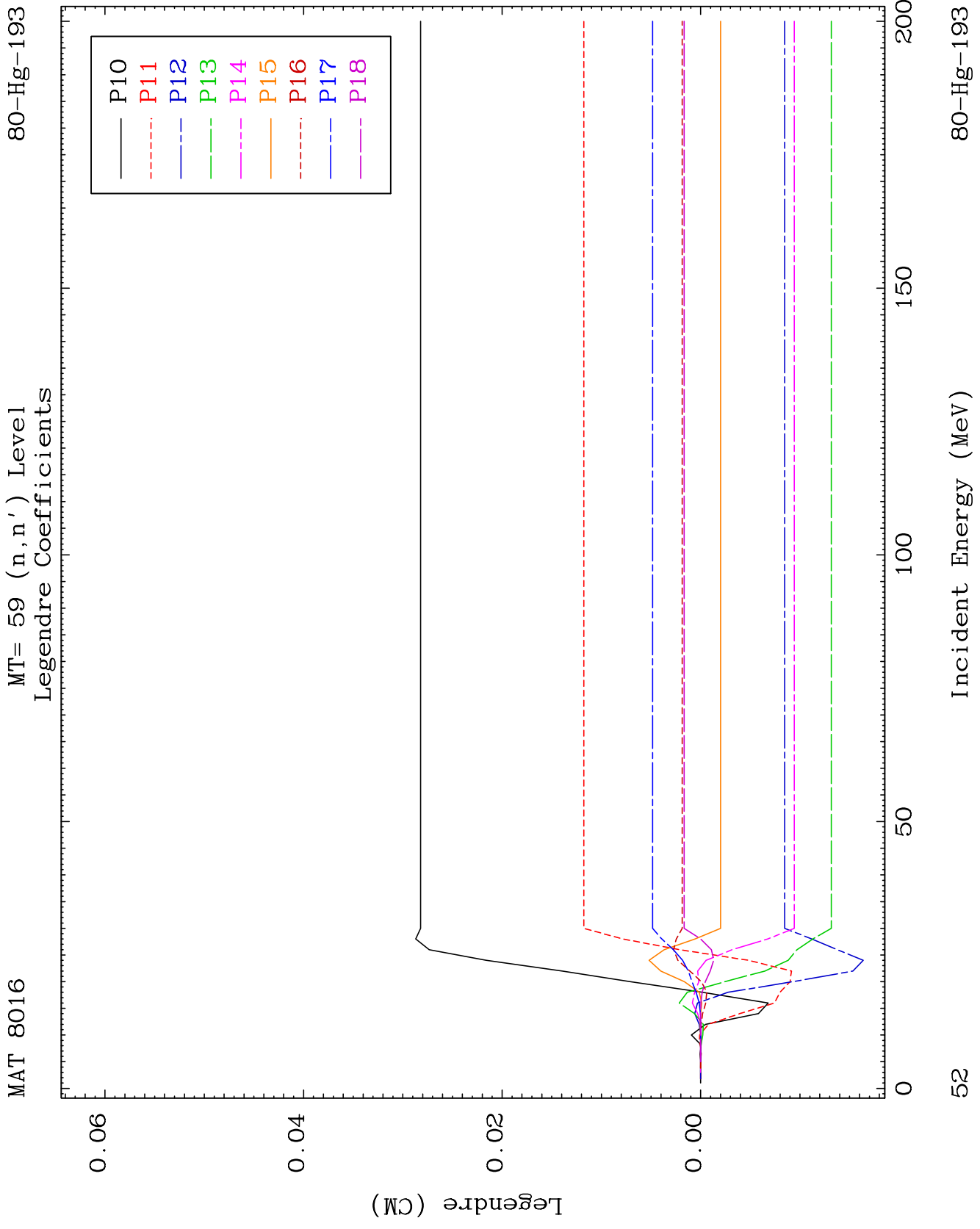
Legendre Coefficients



51

Incident Energy (MeV)

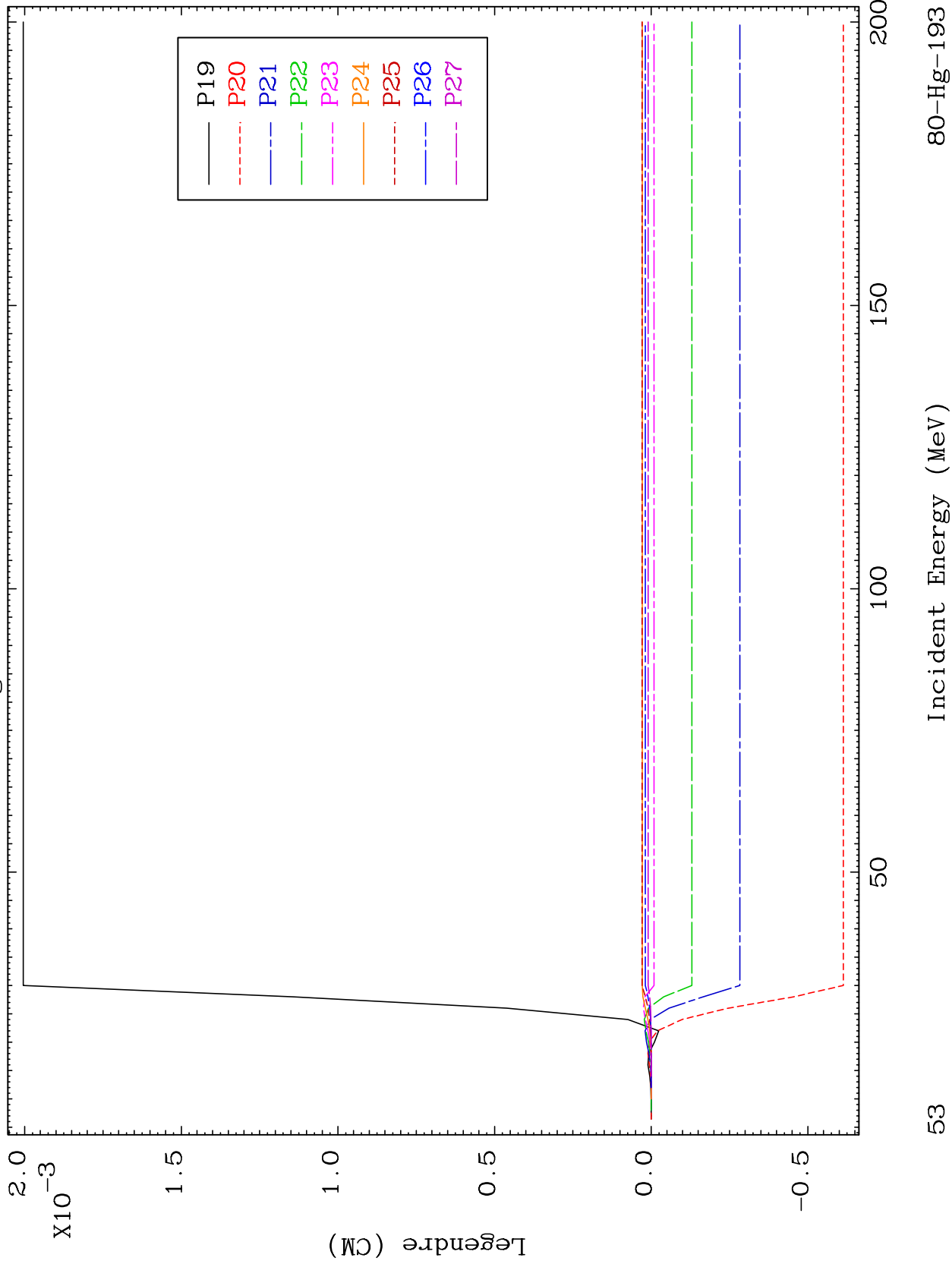
80-Hg-193



MAT 8016

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

80-Hg-193



53

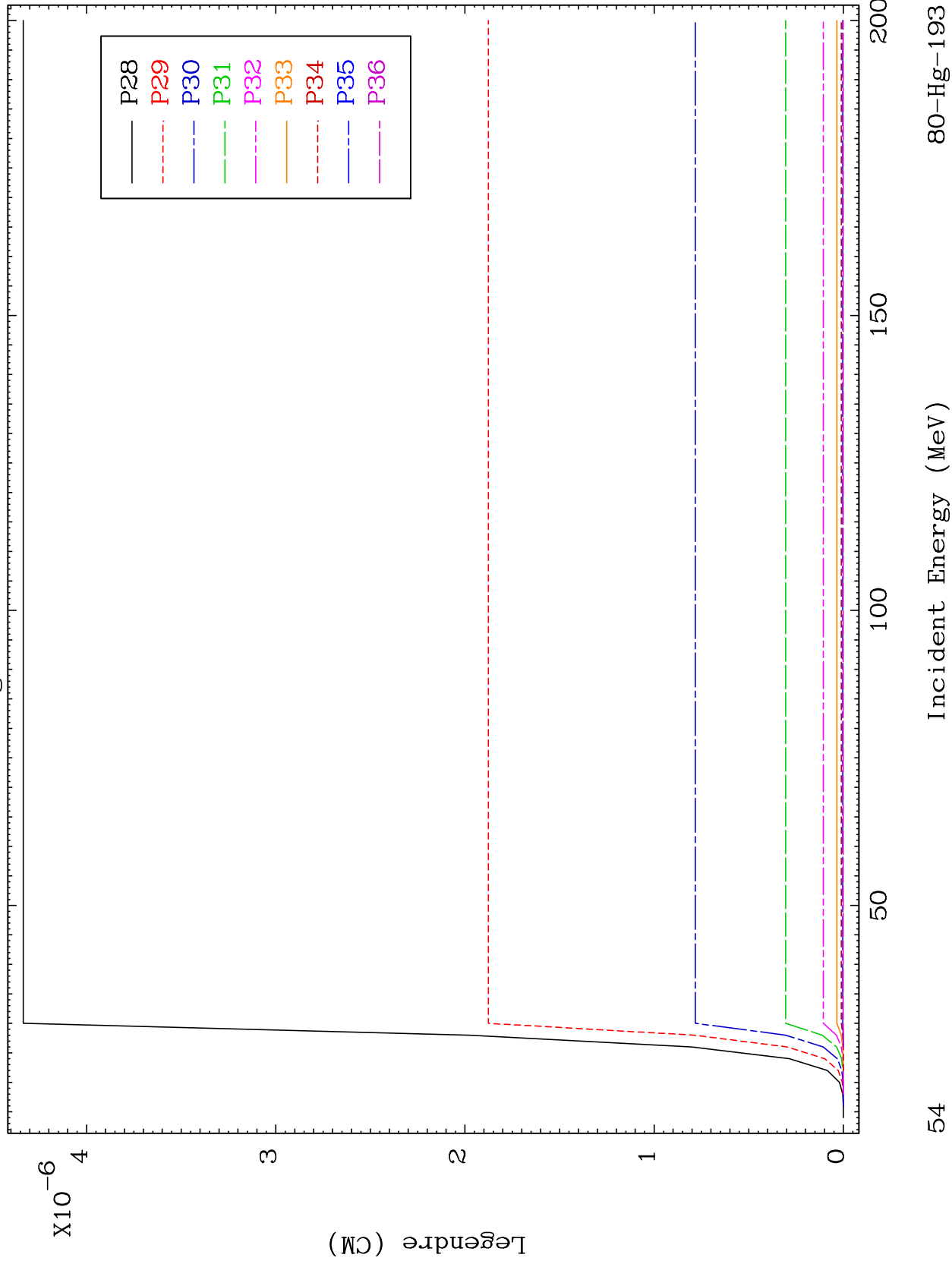
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



54

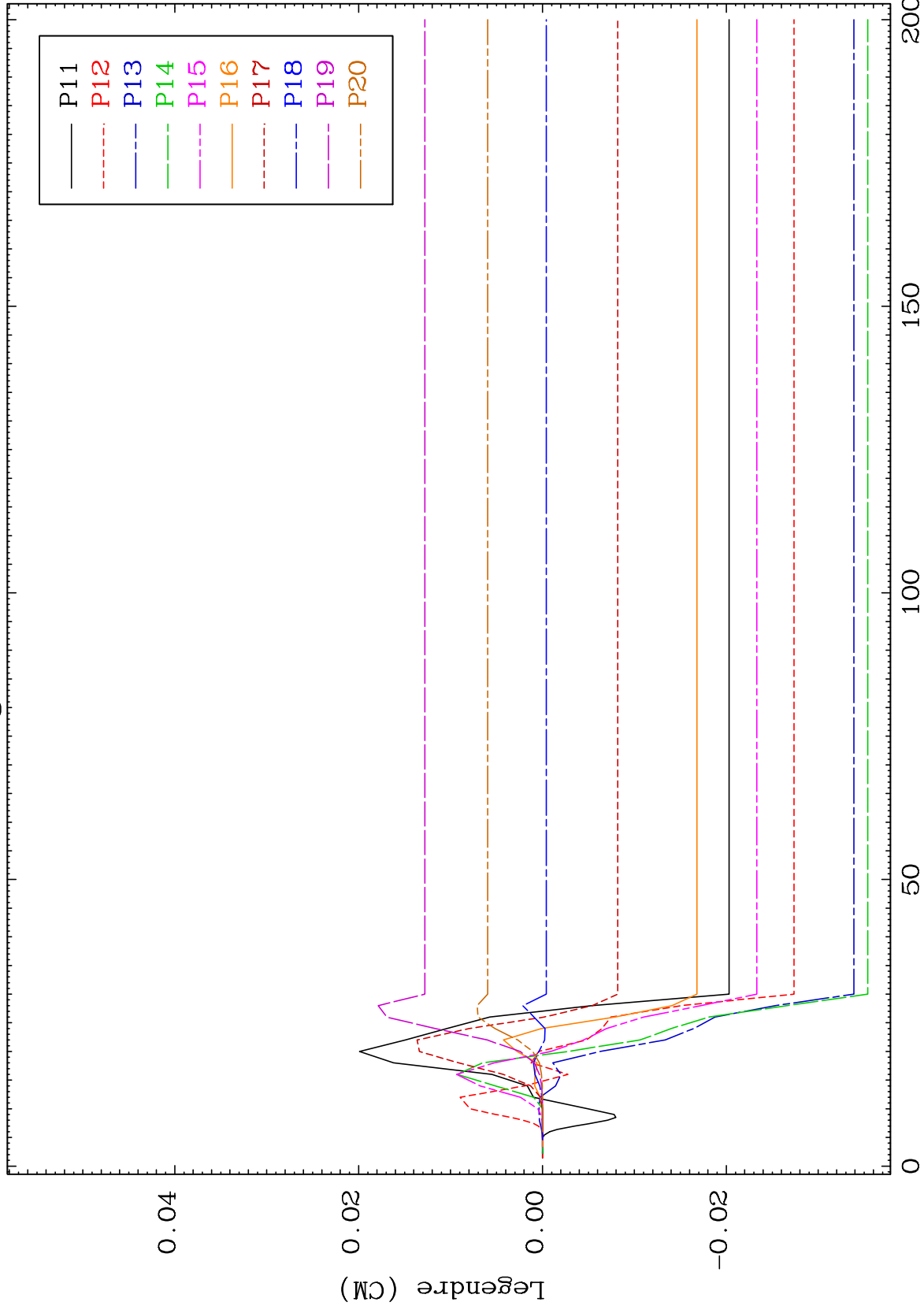
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



56

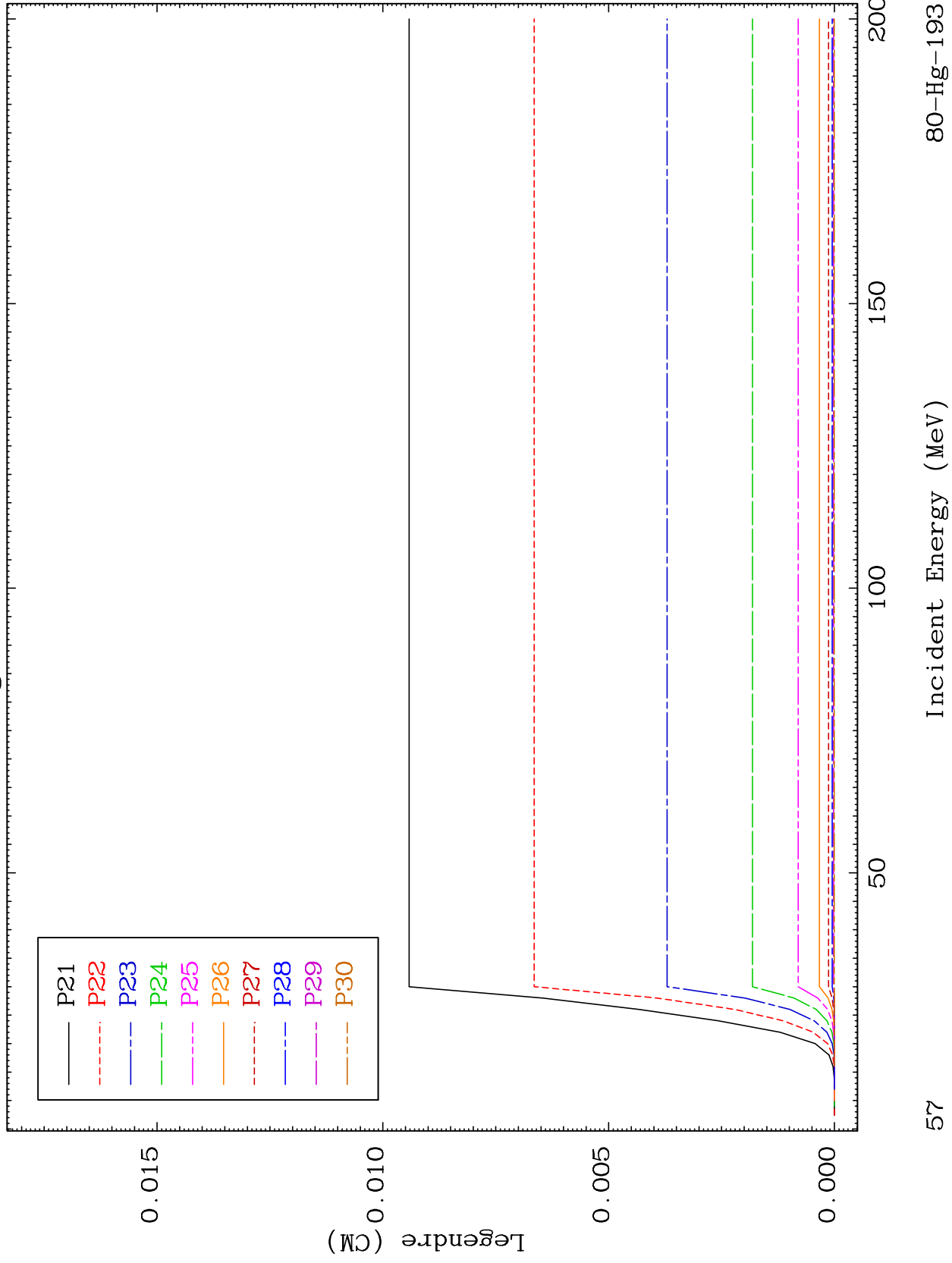
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



57

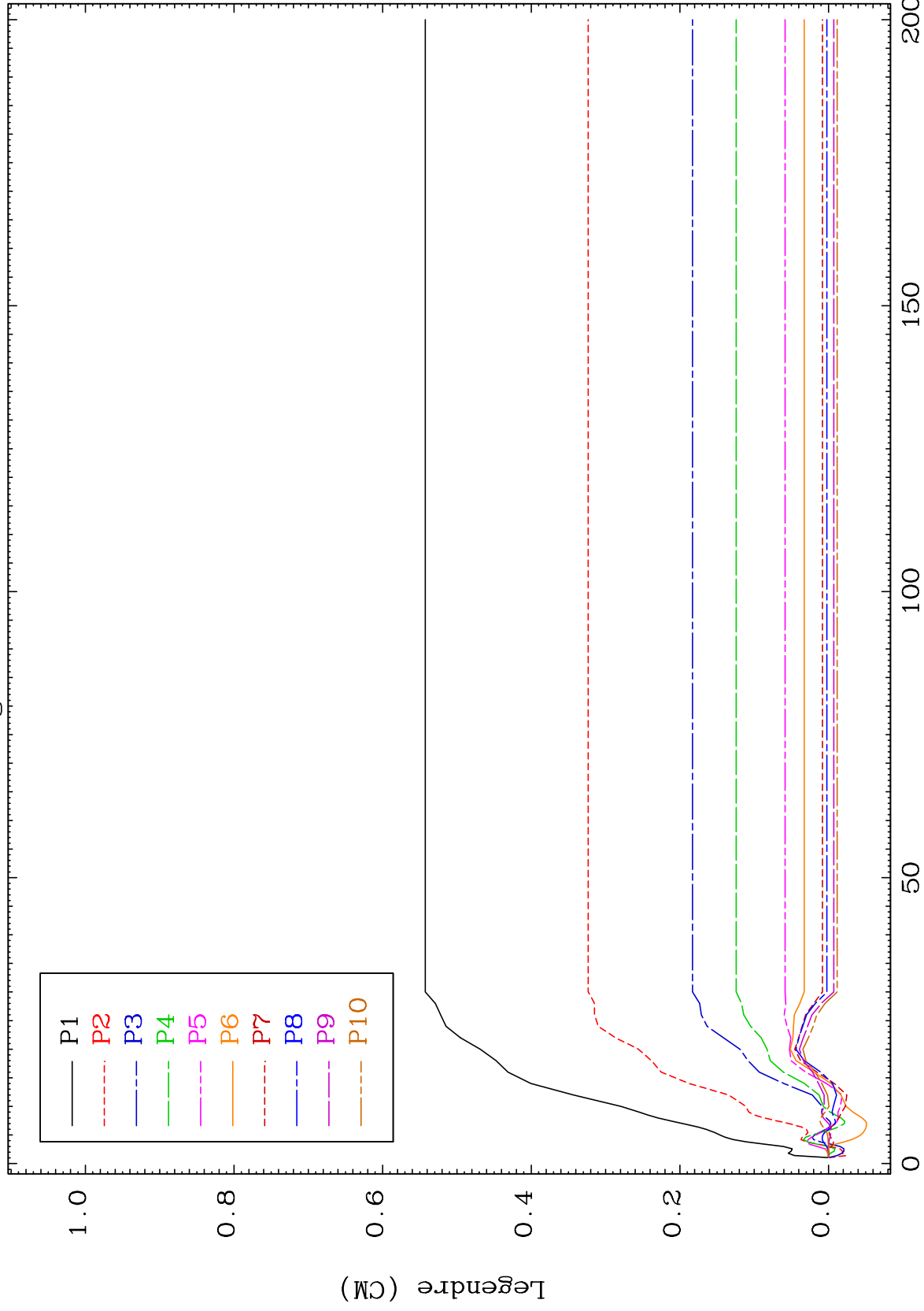
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

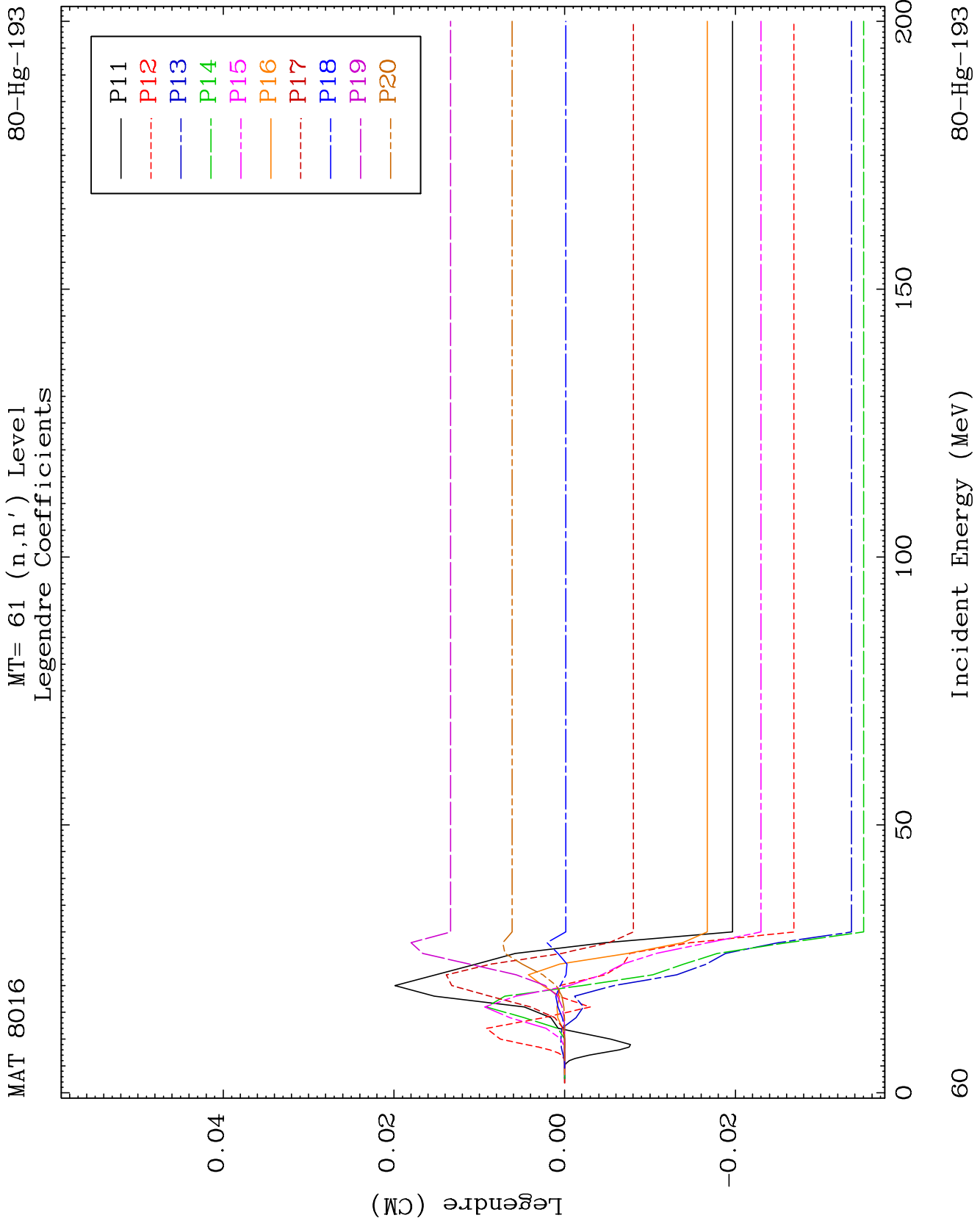
80-Hg-193



59

Incident Energy (MeV)

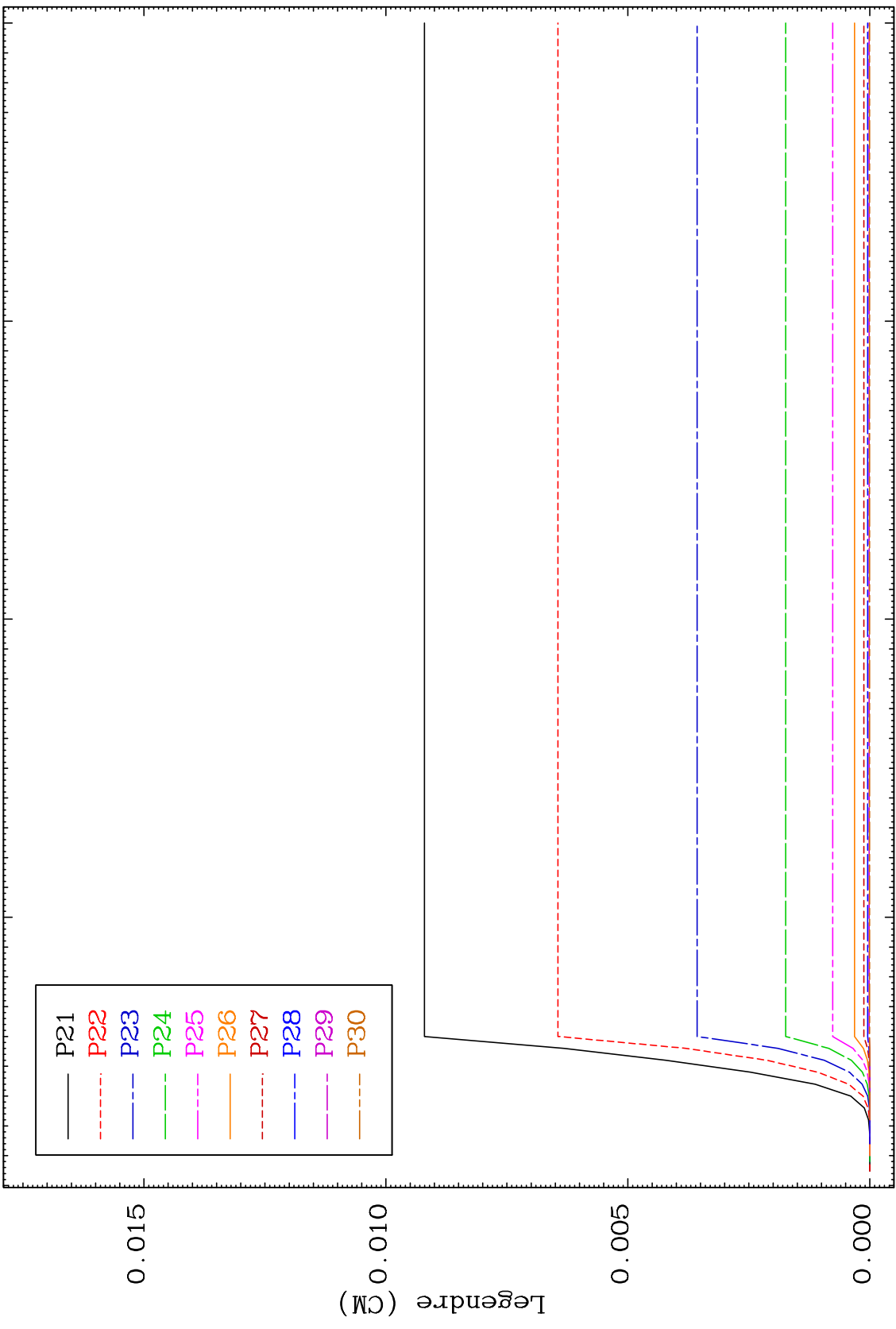
80-Hg-193



MAT 8016

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

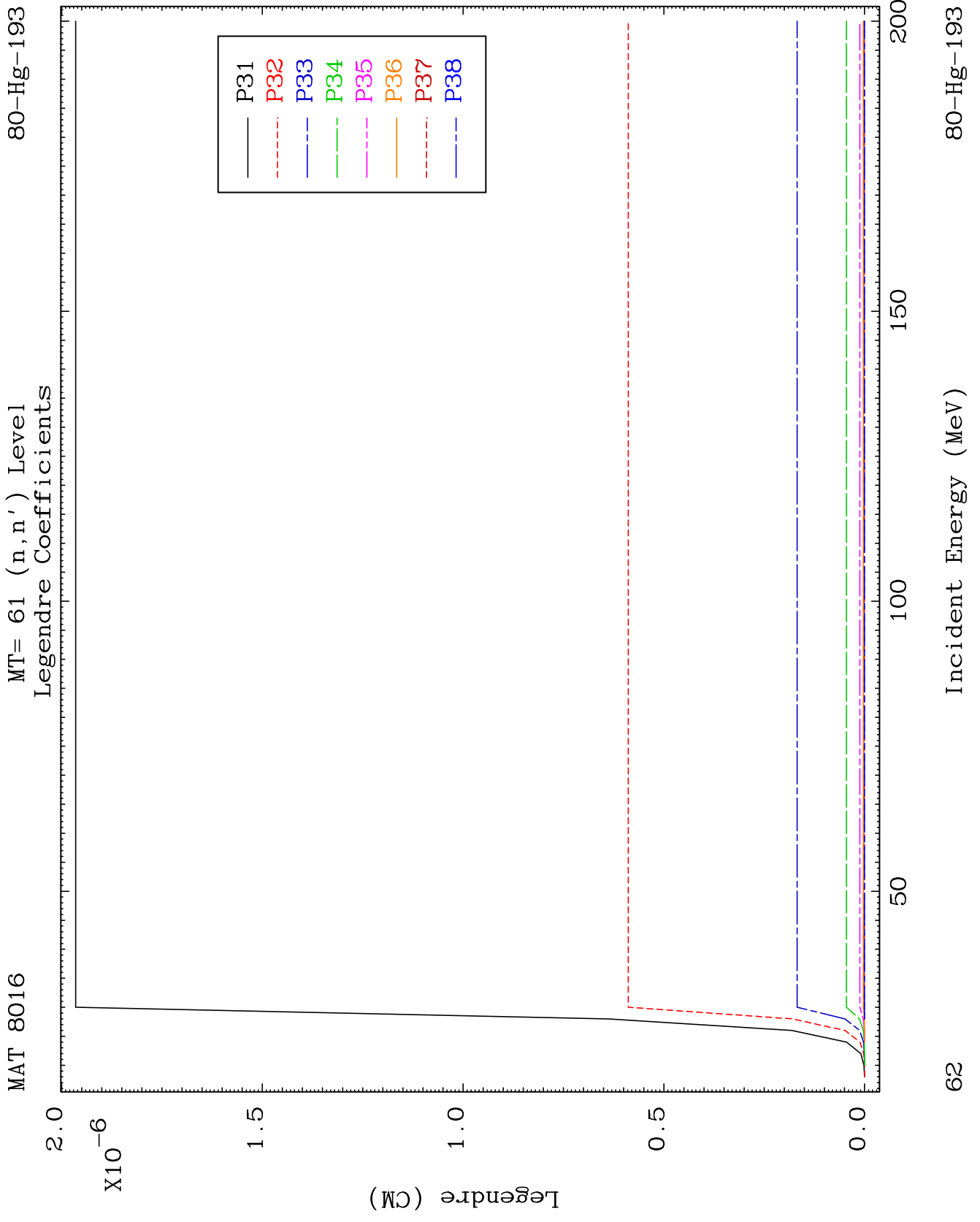
80-Hg-193



61

Incident Energy (MeV)

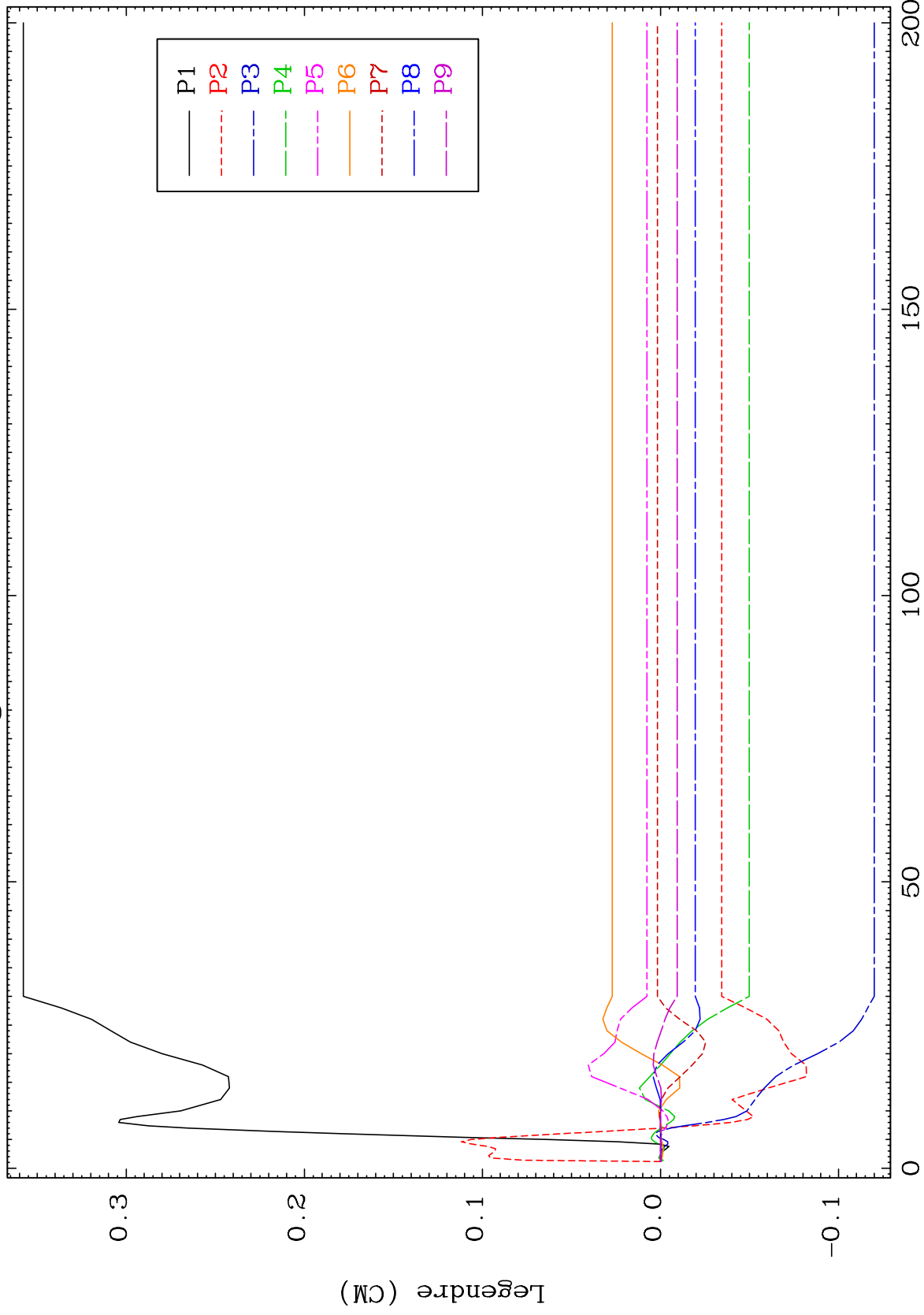
80-Hg-193



MAT 8016

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

80-Hg-193



63

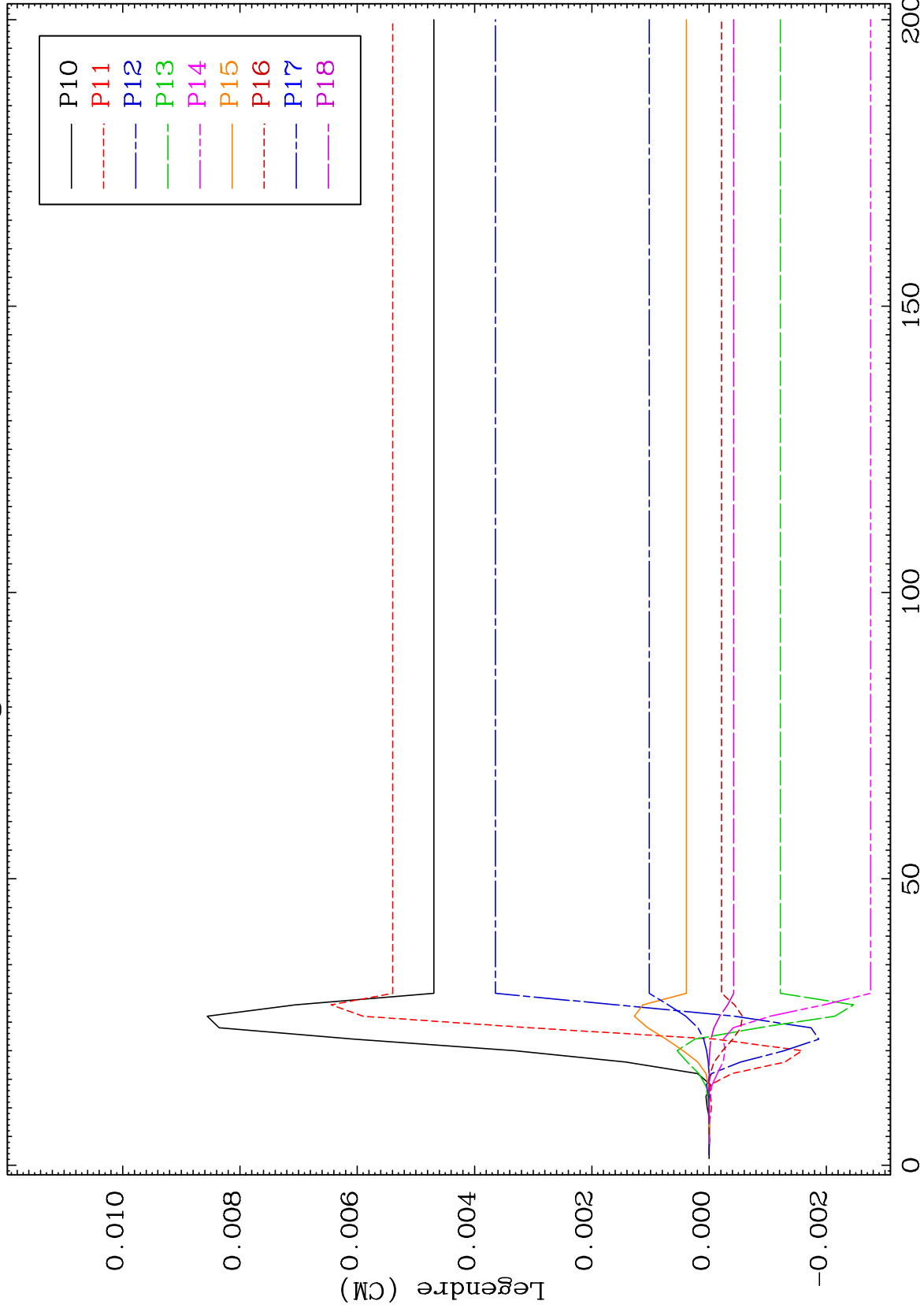
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



64

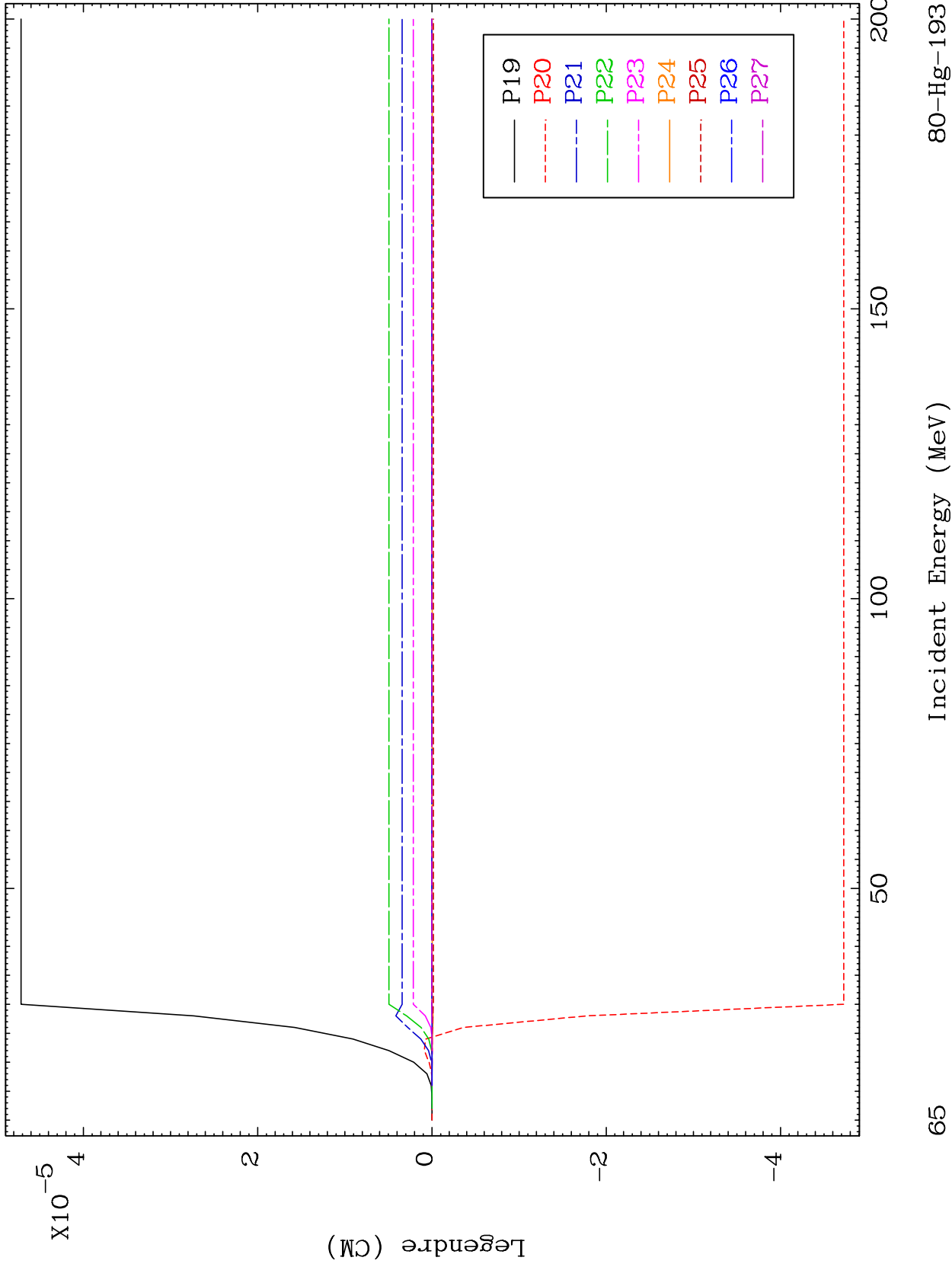
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

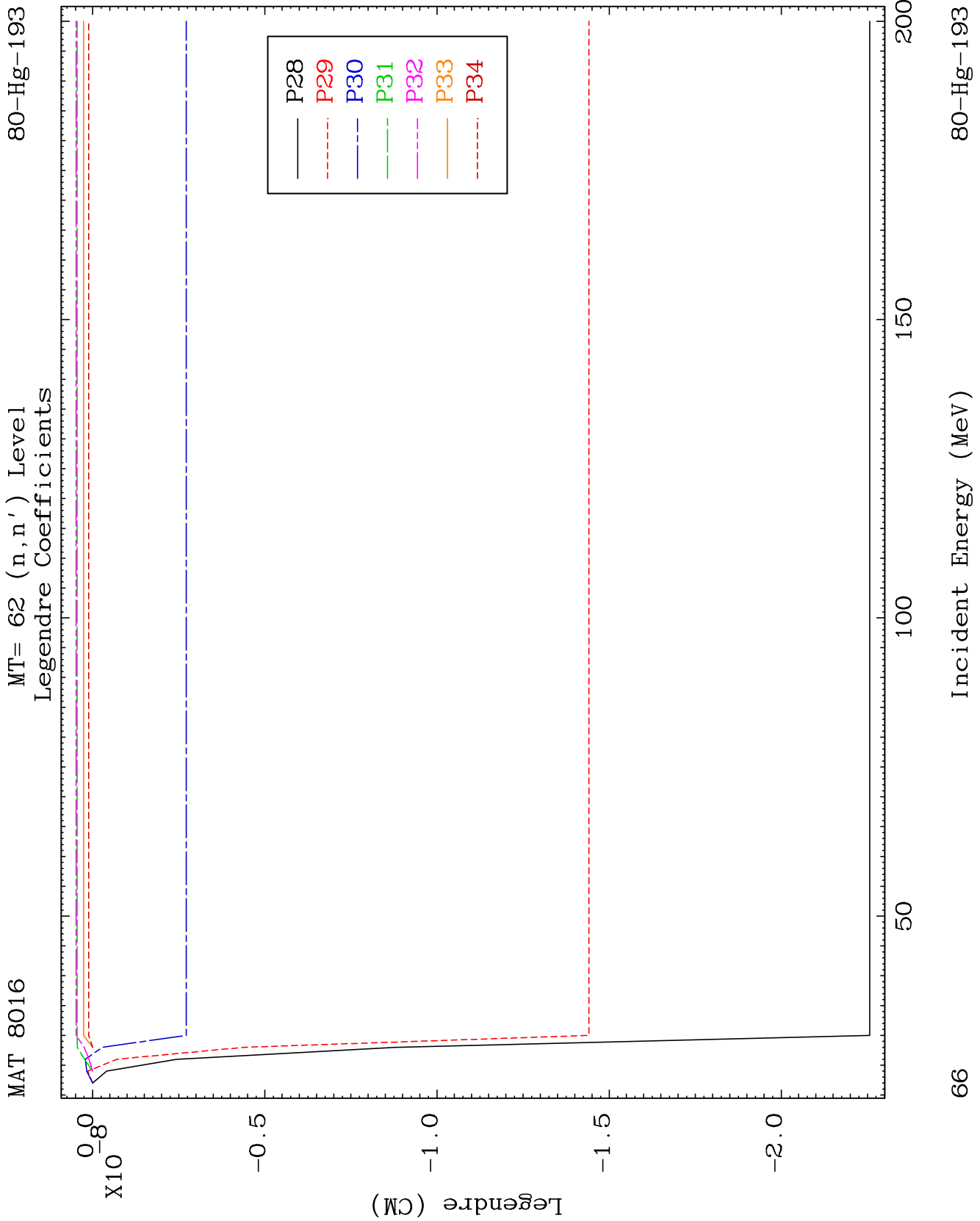
80-Hg-193



65

Incident Energy (MeV)

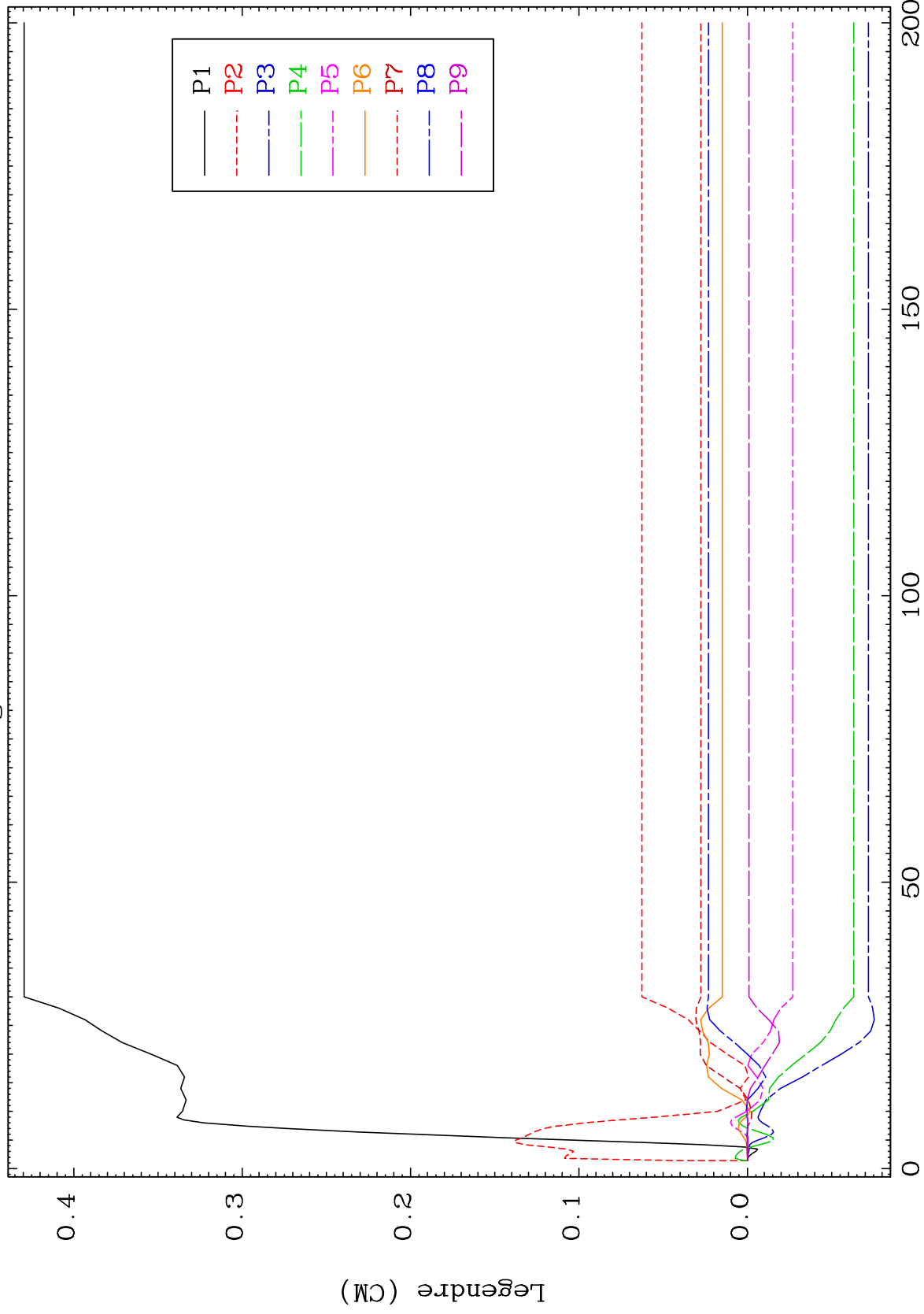
80-Hg-193



MAT 8016

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

80-Hg-193



67

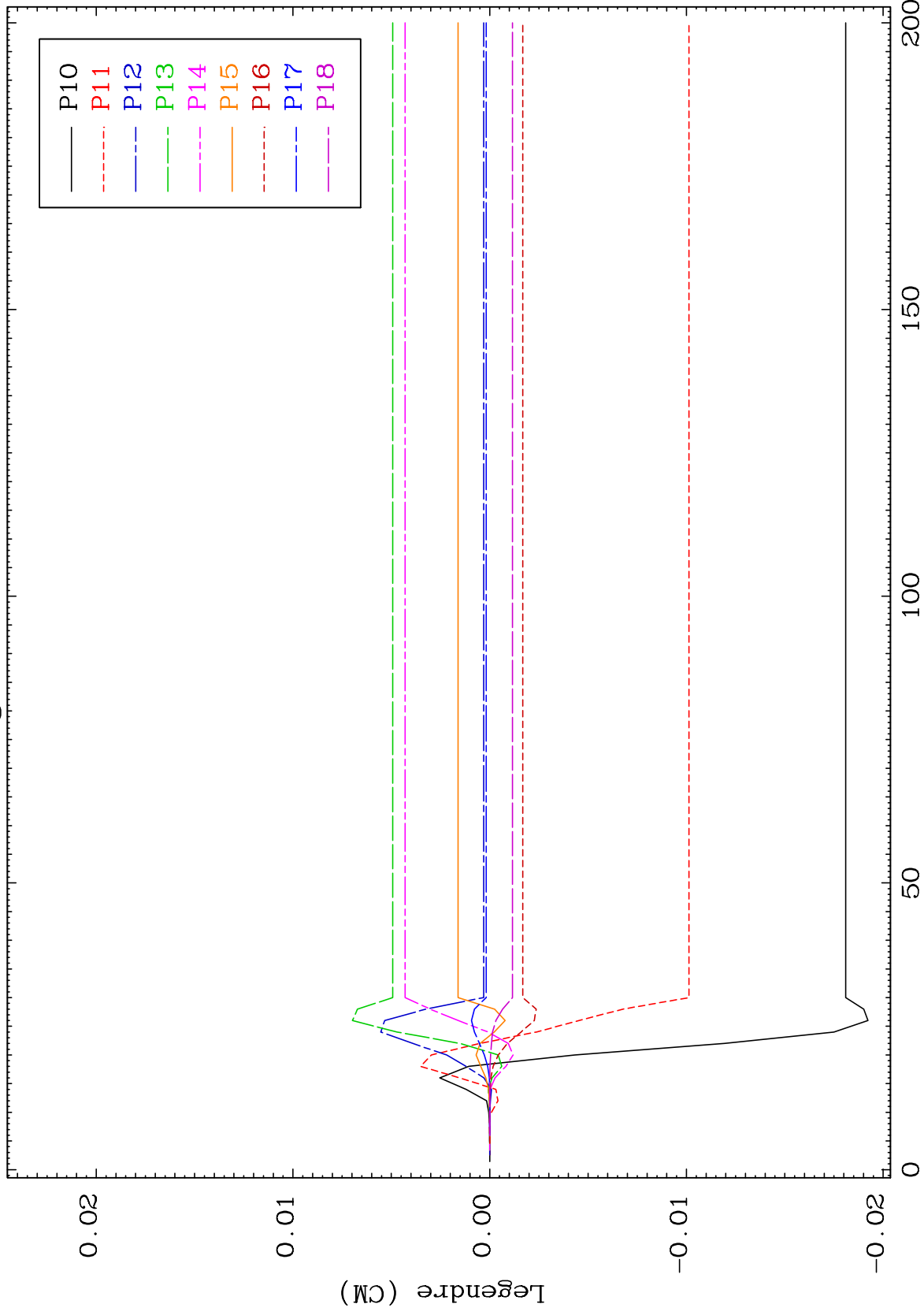
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



68

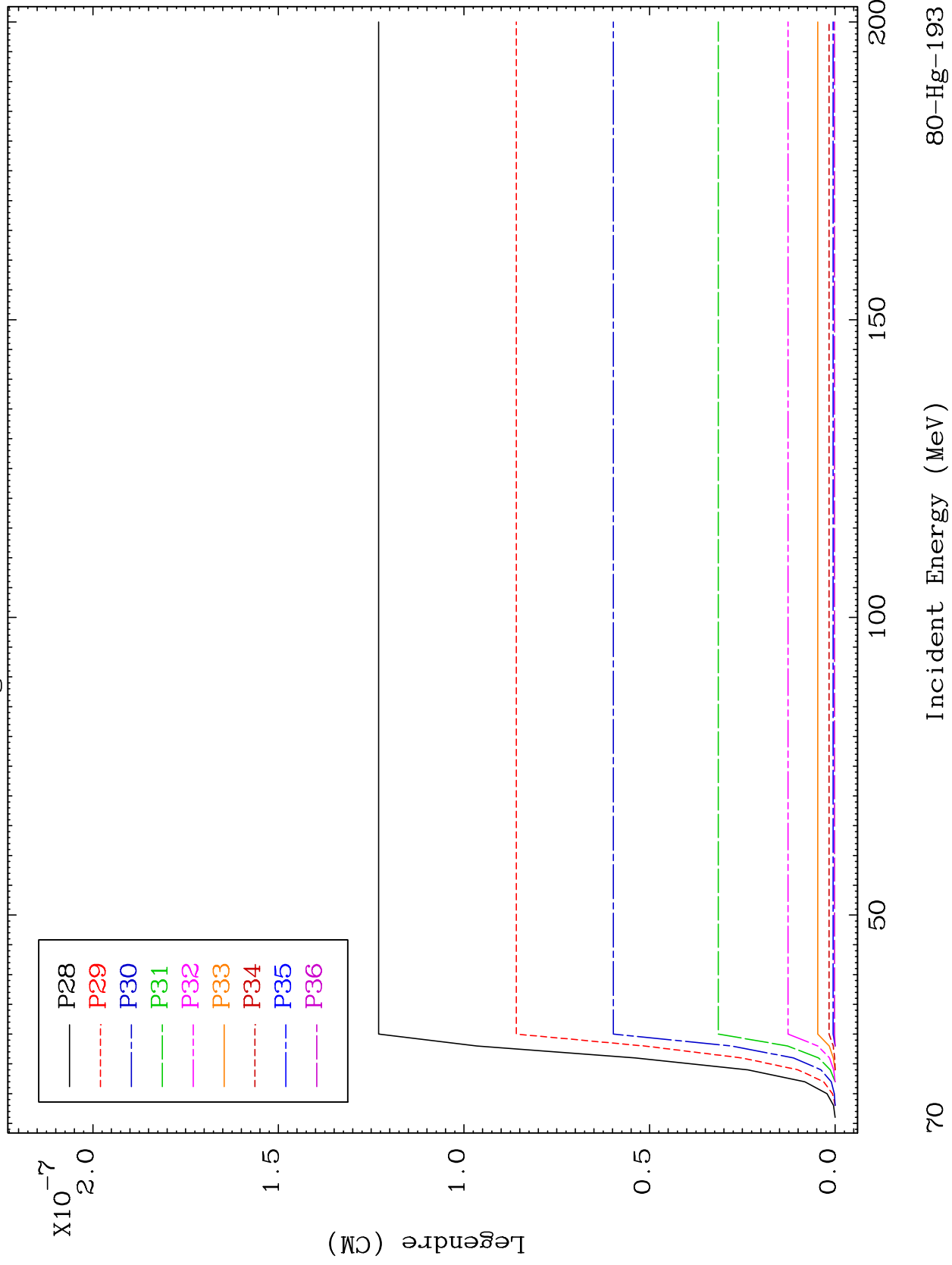
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

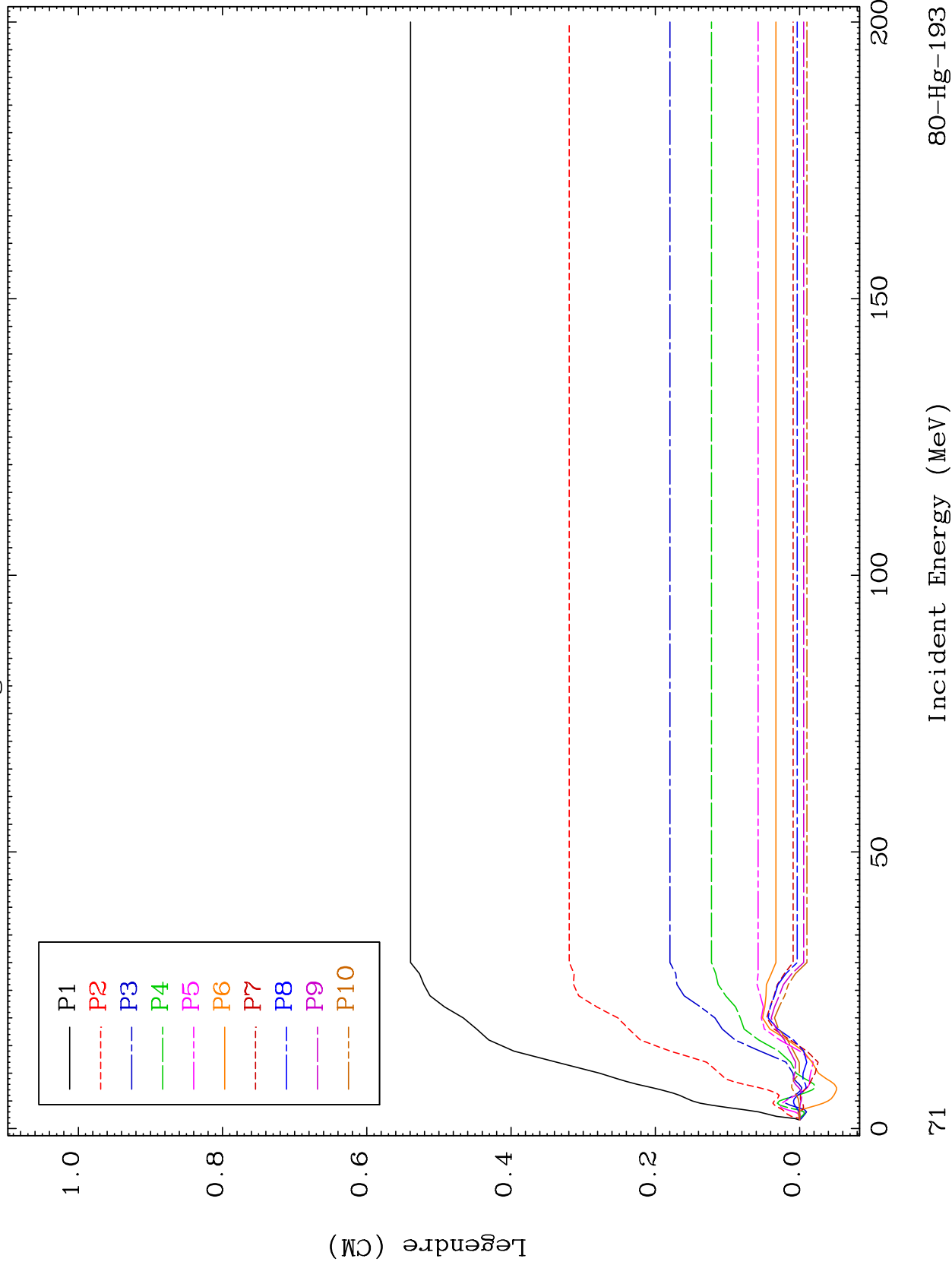
80-Hg-193



MAT 8016

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

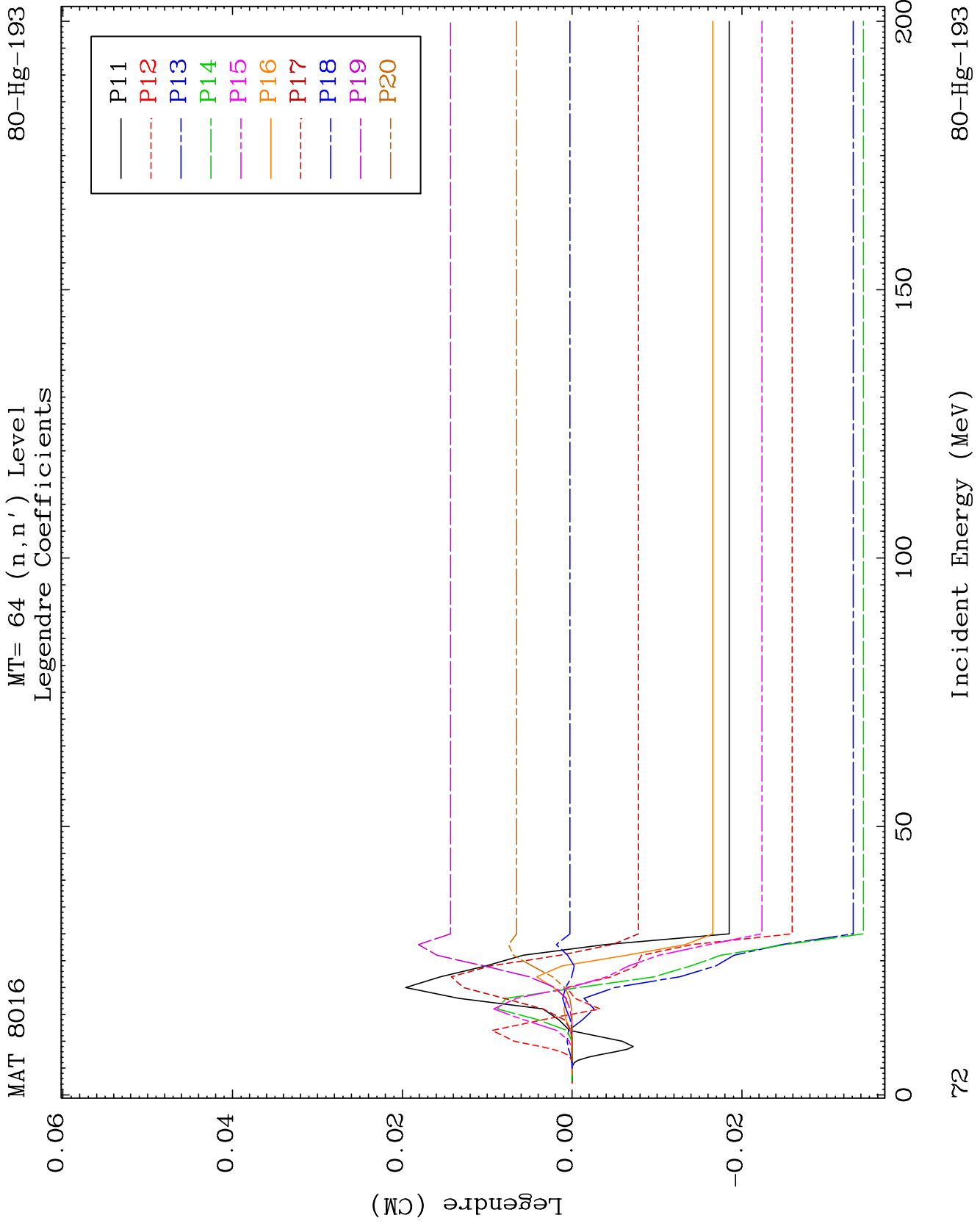
80-Hg-193



71

Incident Energy (MeV)

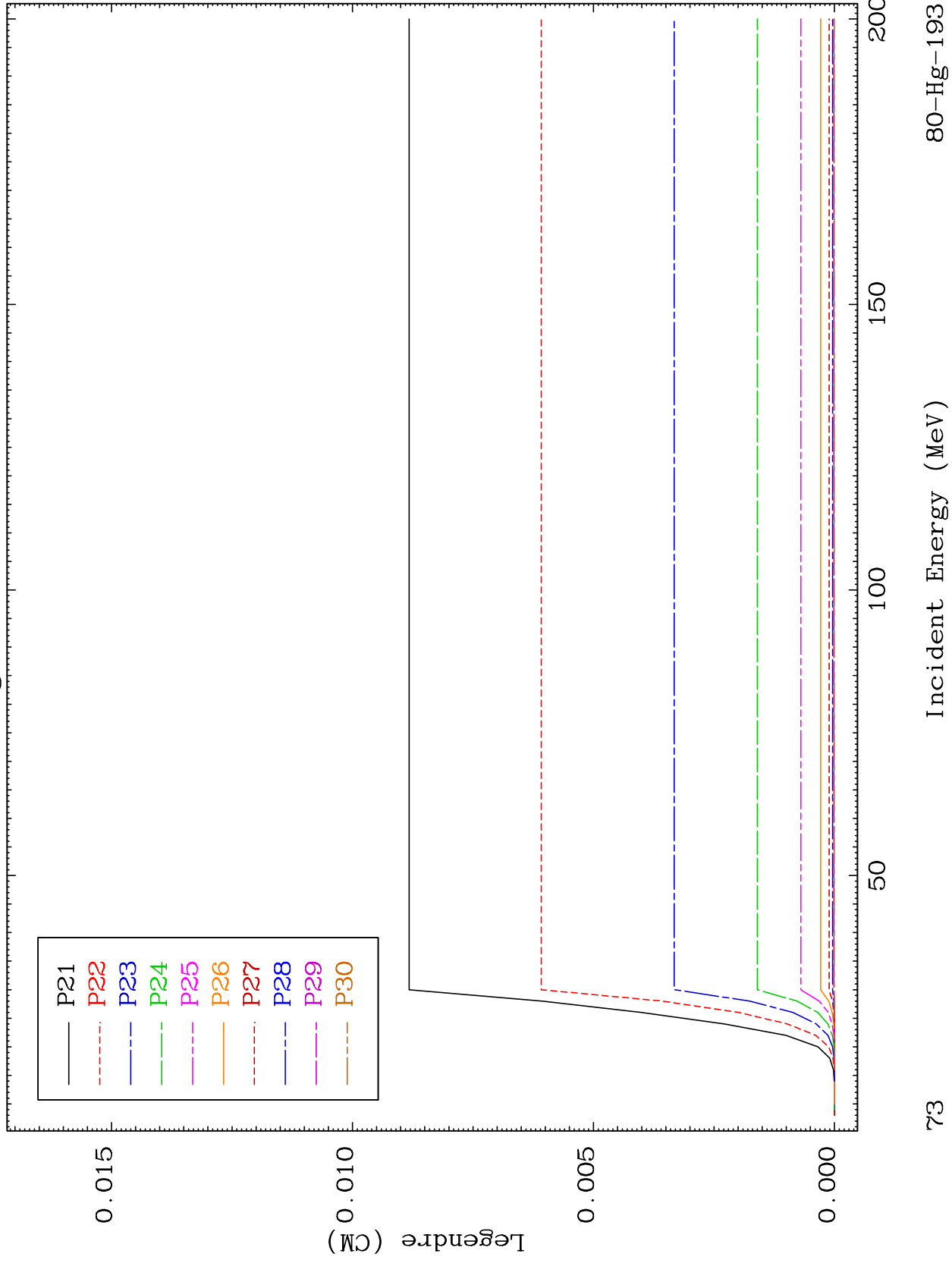
80-Hg-193



MAT 8016

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

80-Hg-193



73

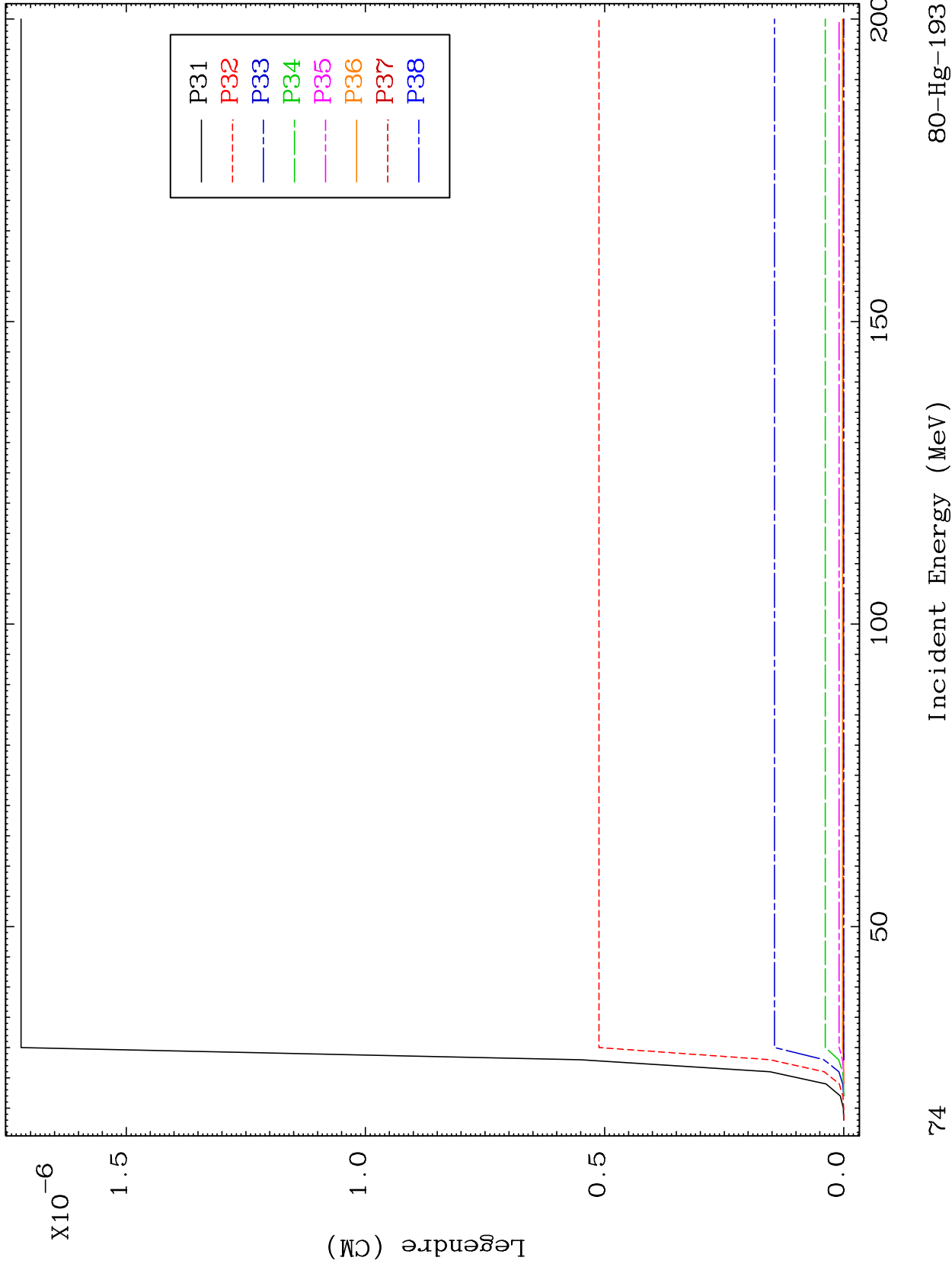
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

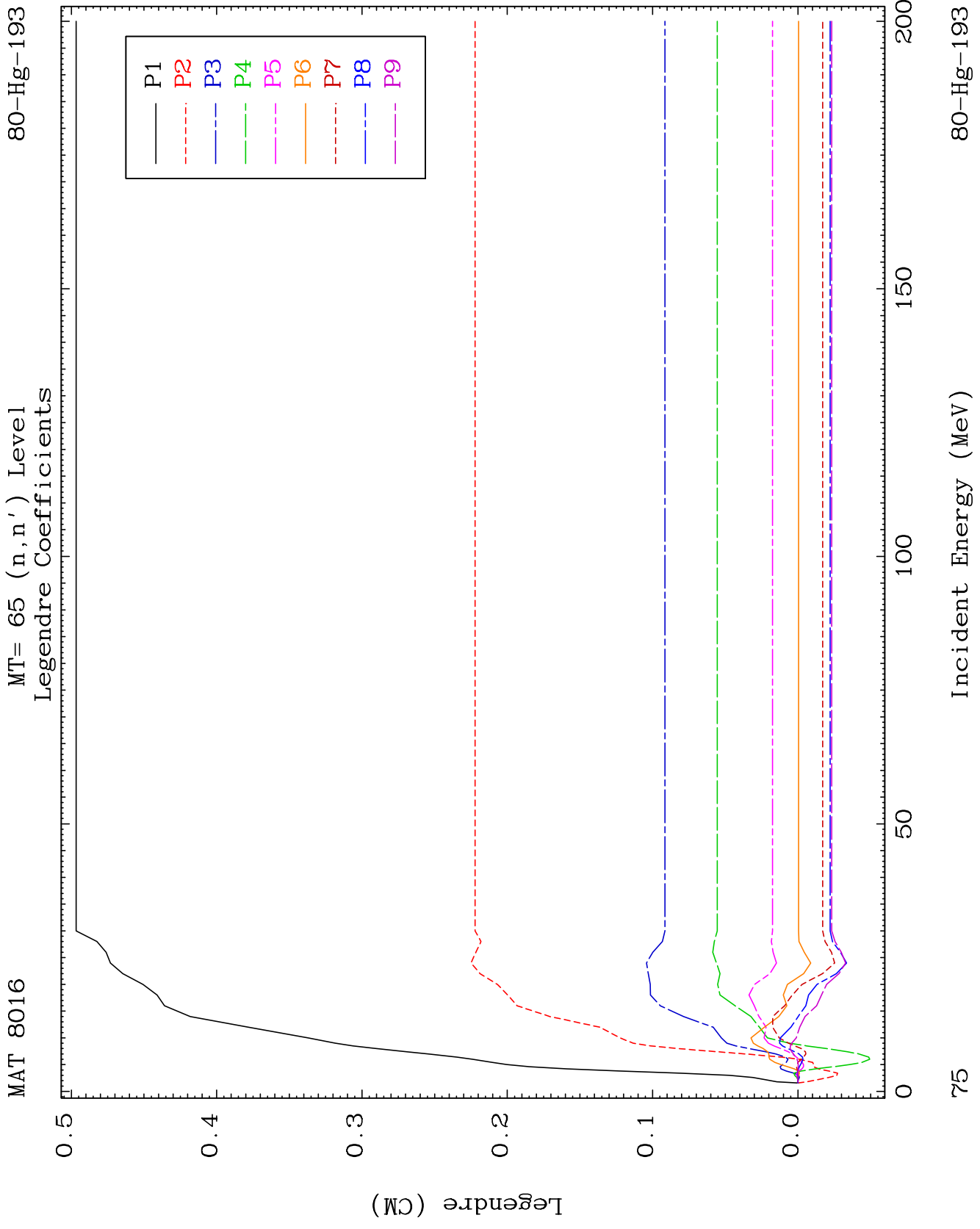
80-Hg-193



74

Incident Energy (MeV)

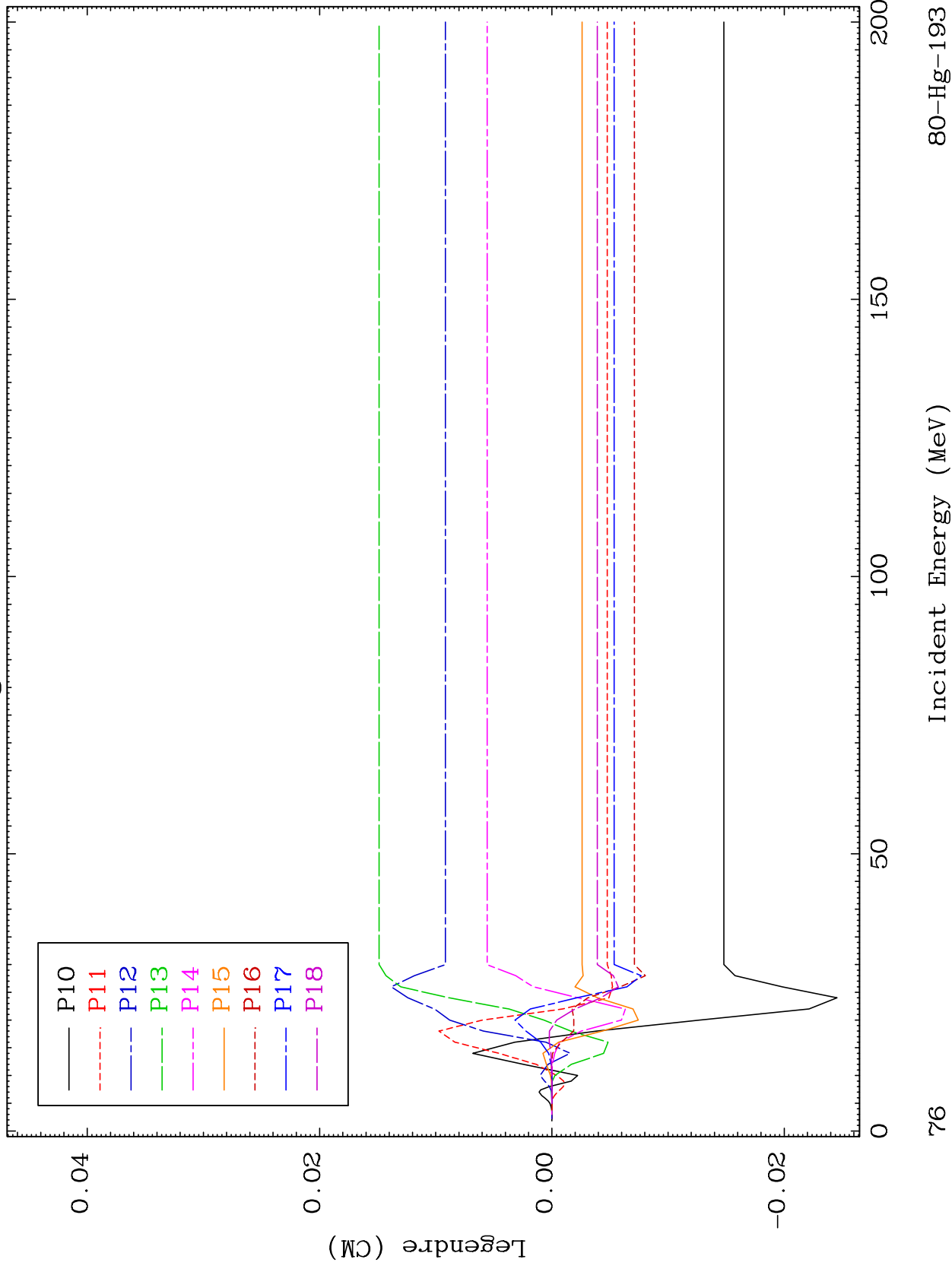
80-Hg-193



MAT 8016

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

80-Hg-193



76

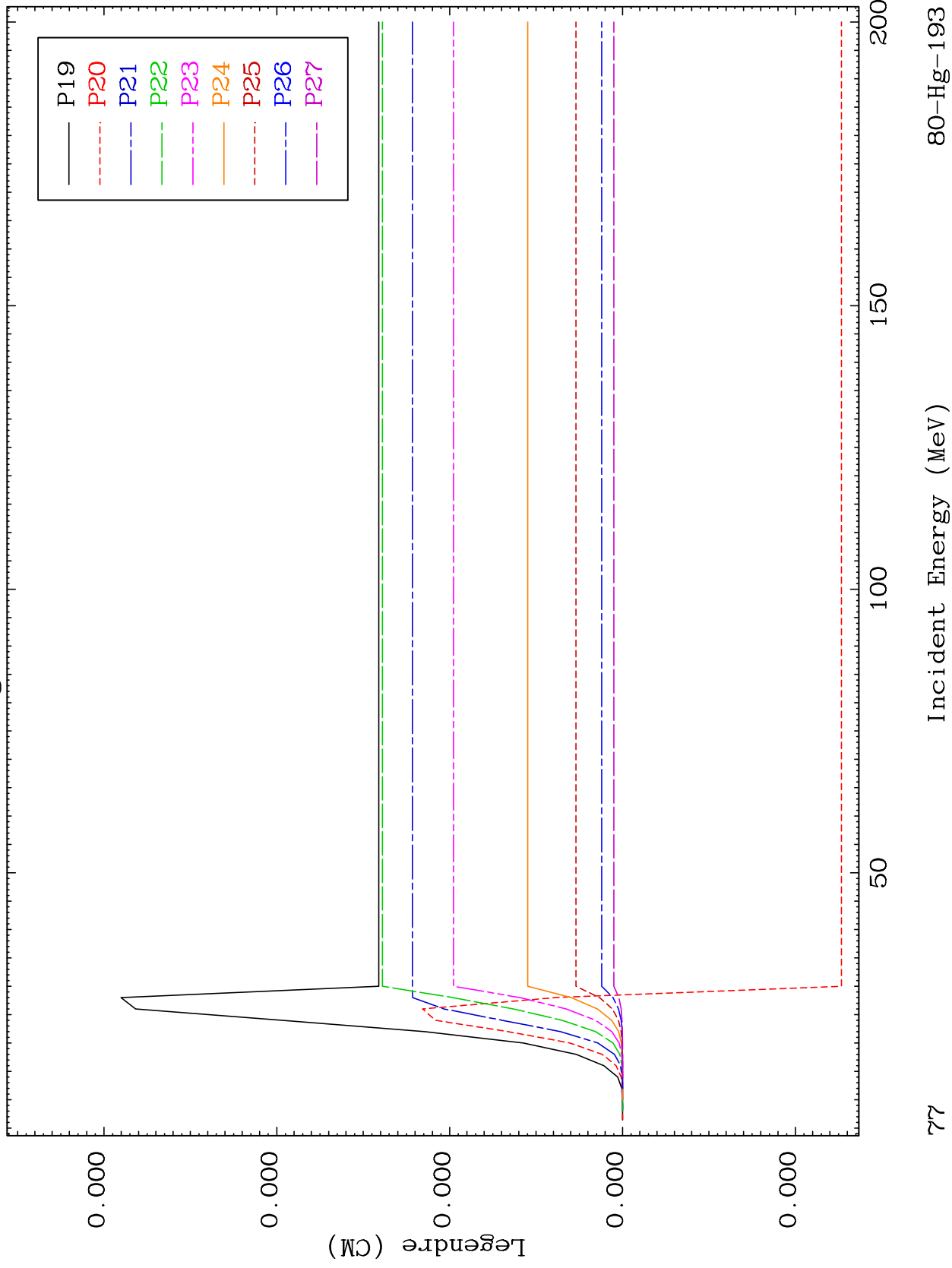
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

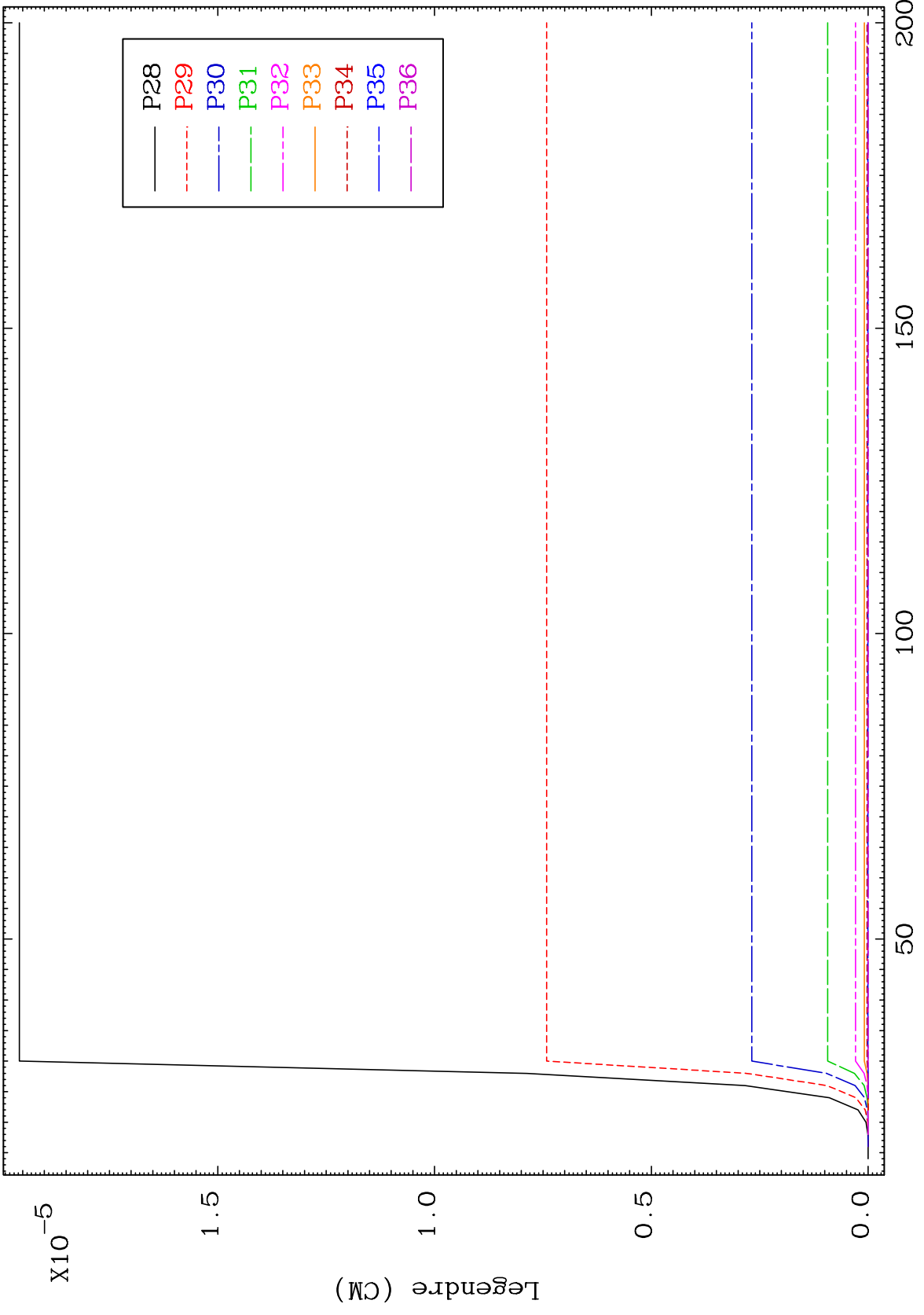
80-Hg-193



MAT 8016

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

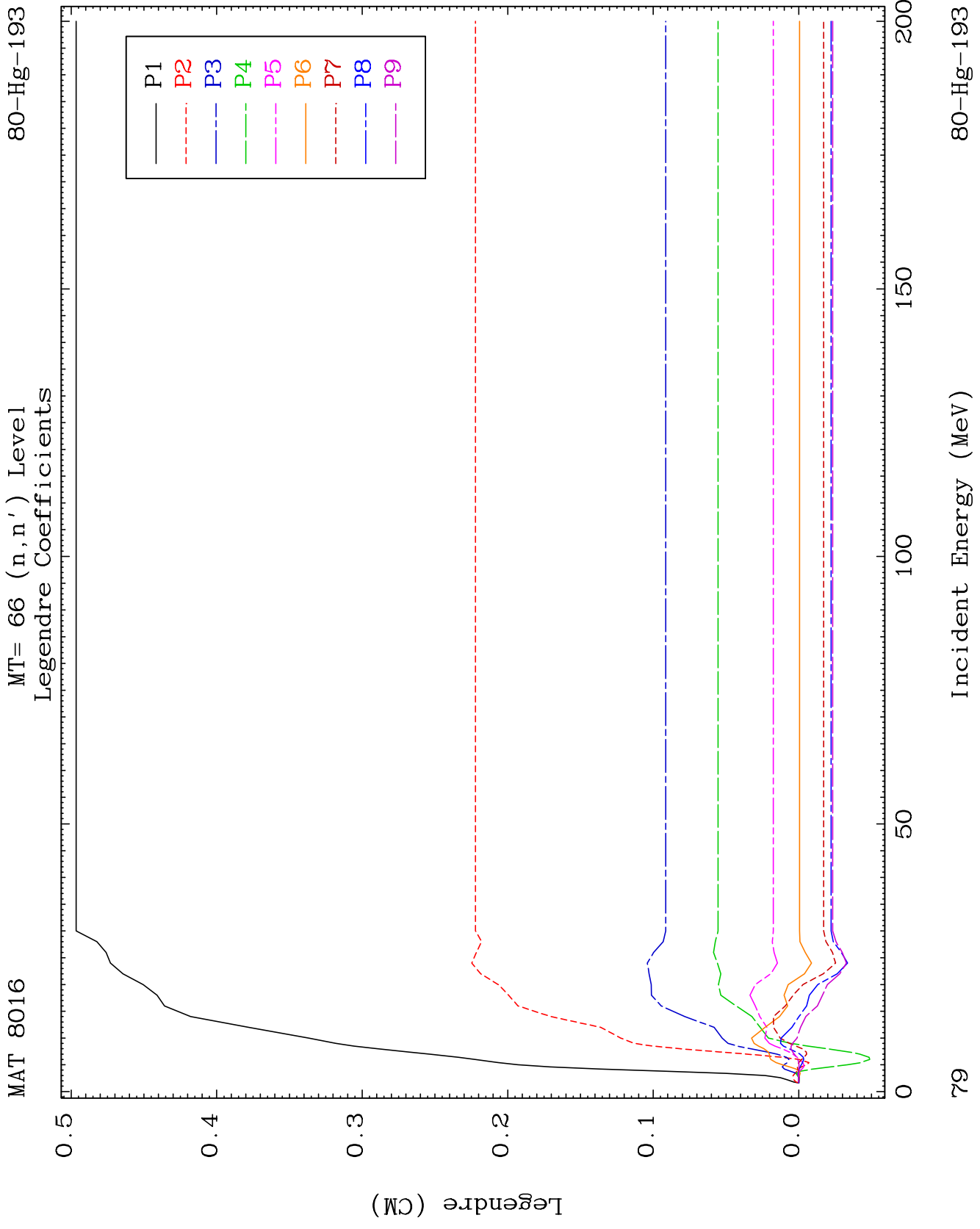
80-Hg-193



78

Incident Energy (MeV)

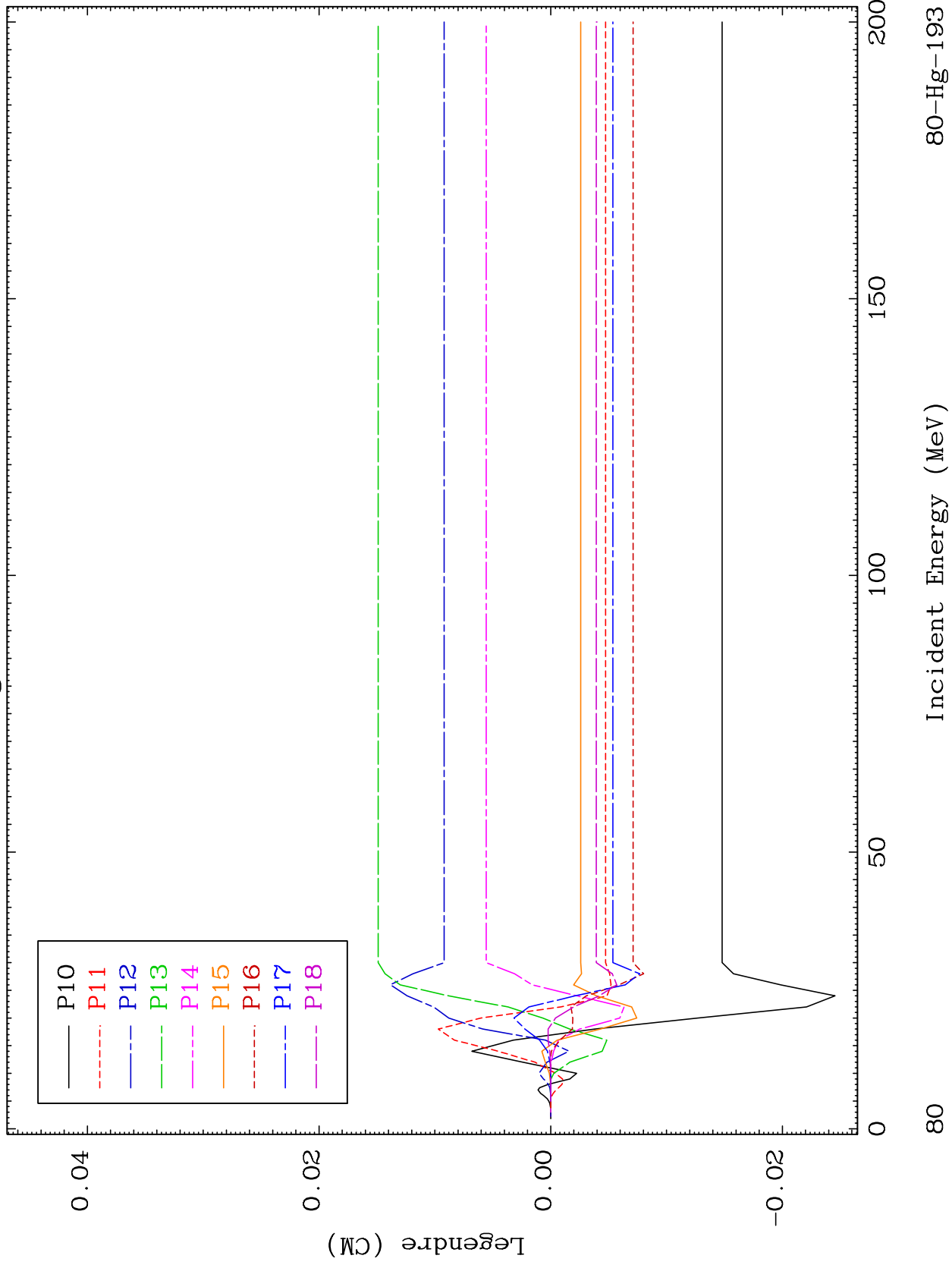
80-Hg-193



MAT 8016

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

80-Hg-193

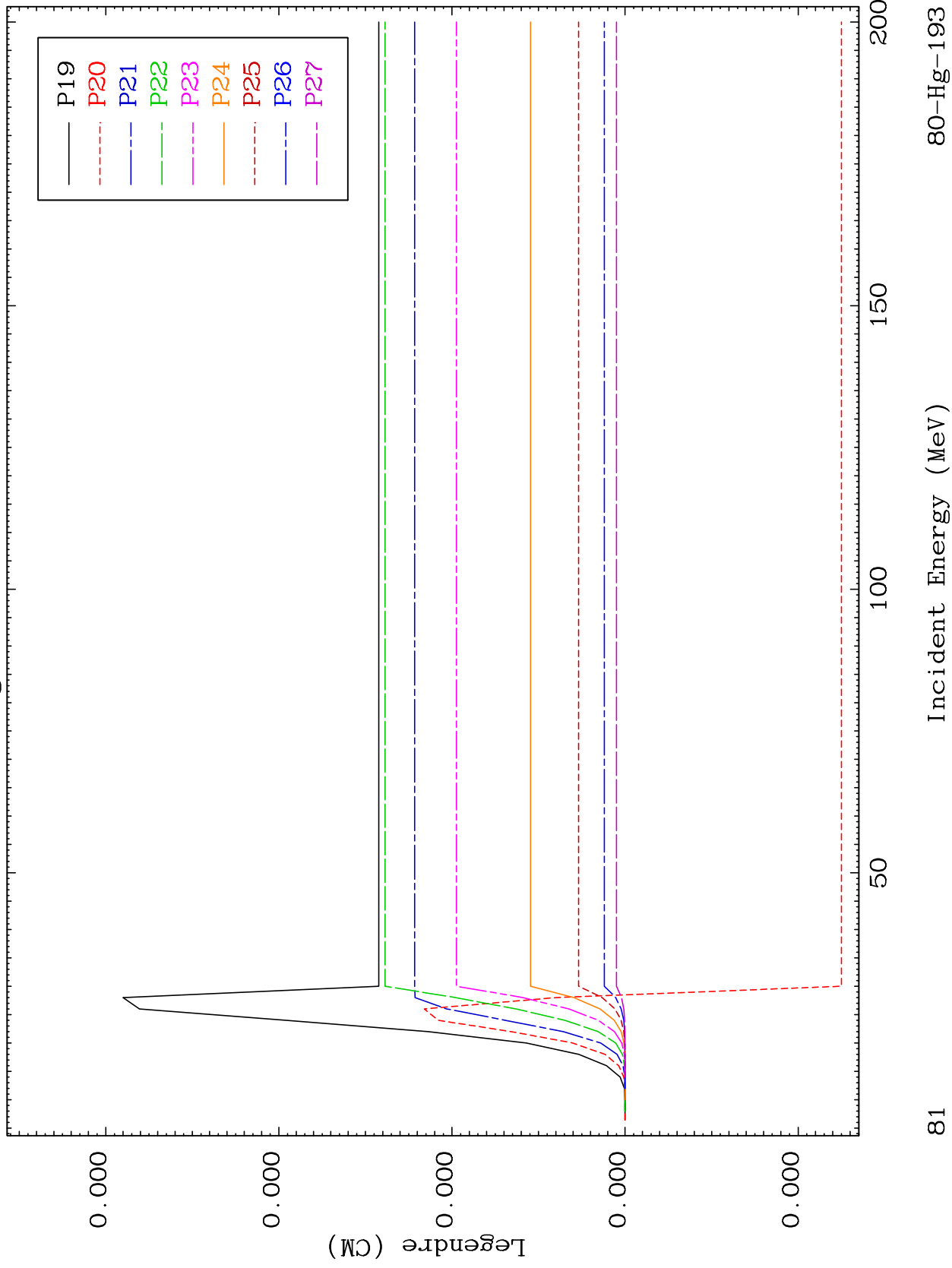


80-Hg-193

MAT 8016

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

80-Hg-193



81

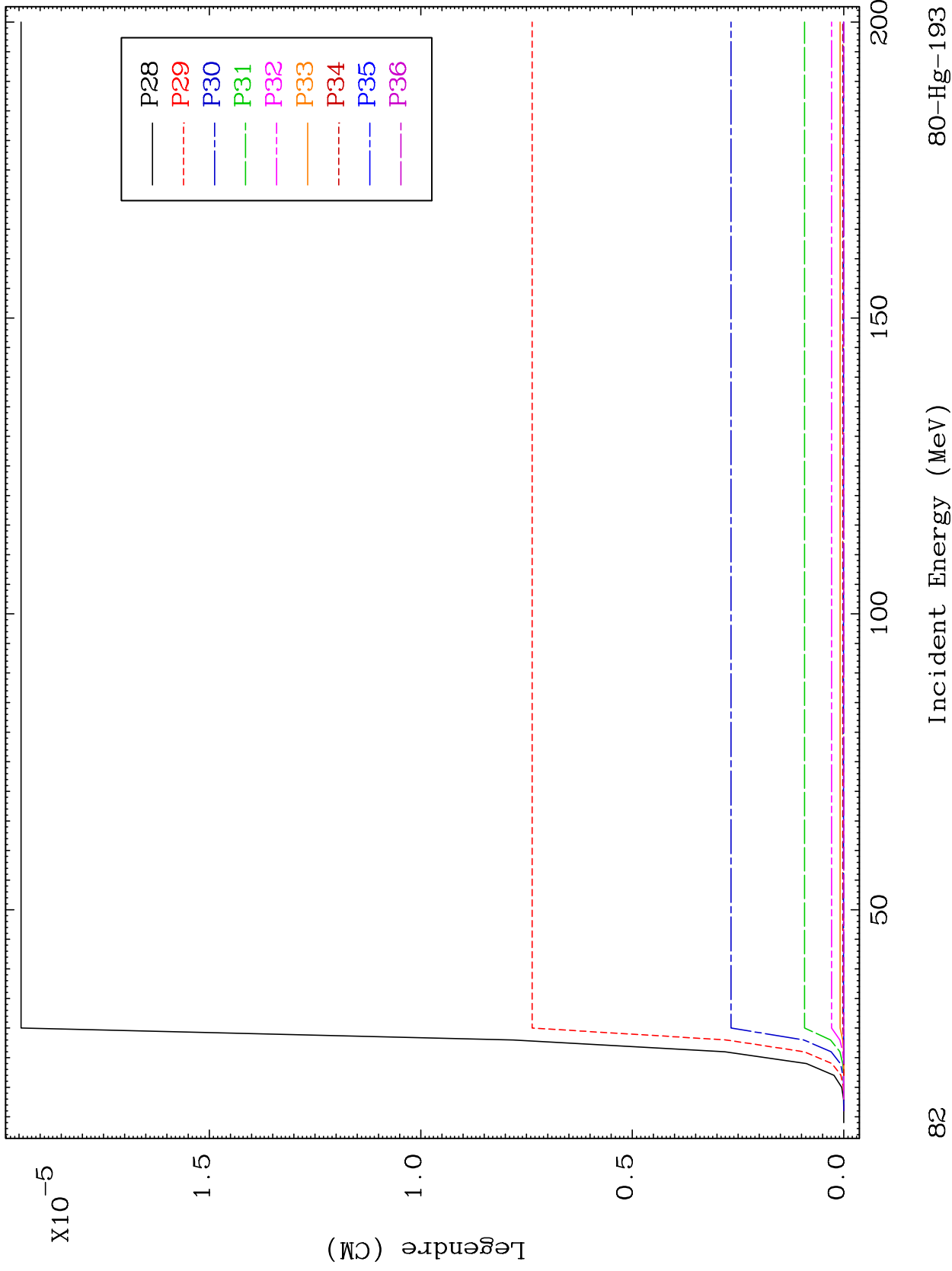
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



82

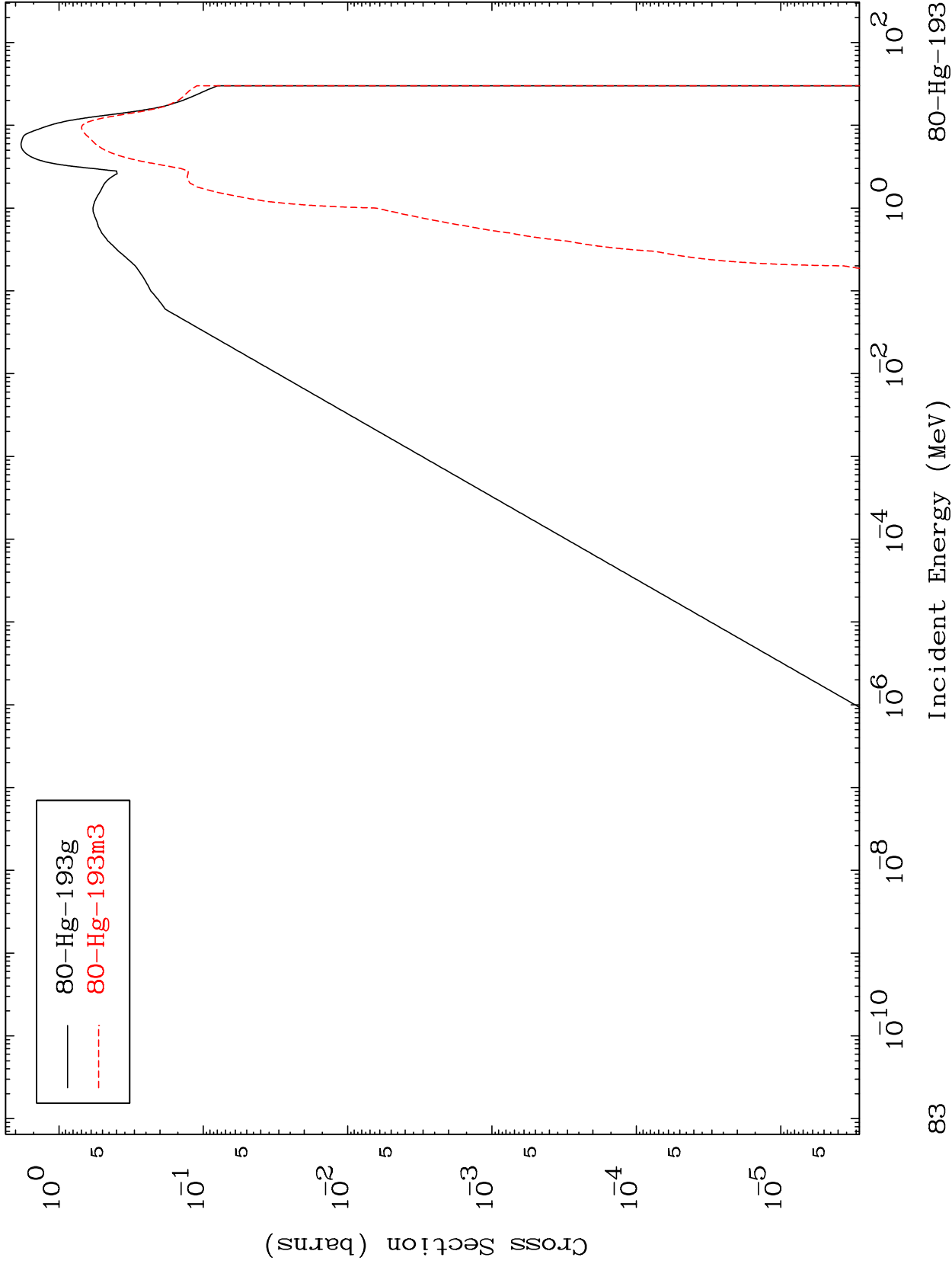
Incident Energy (MeV)

80-Hg-193

MAT 8016

Inelastic
Radionuclide Production Cross Section

80-Hg-193

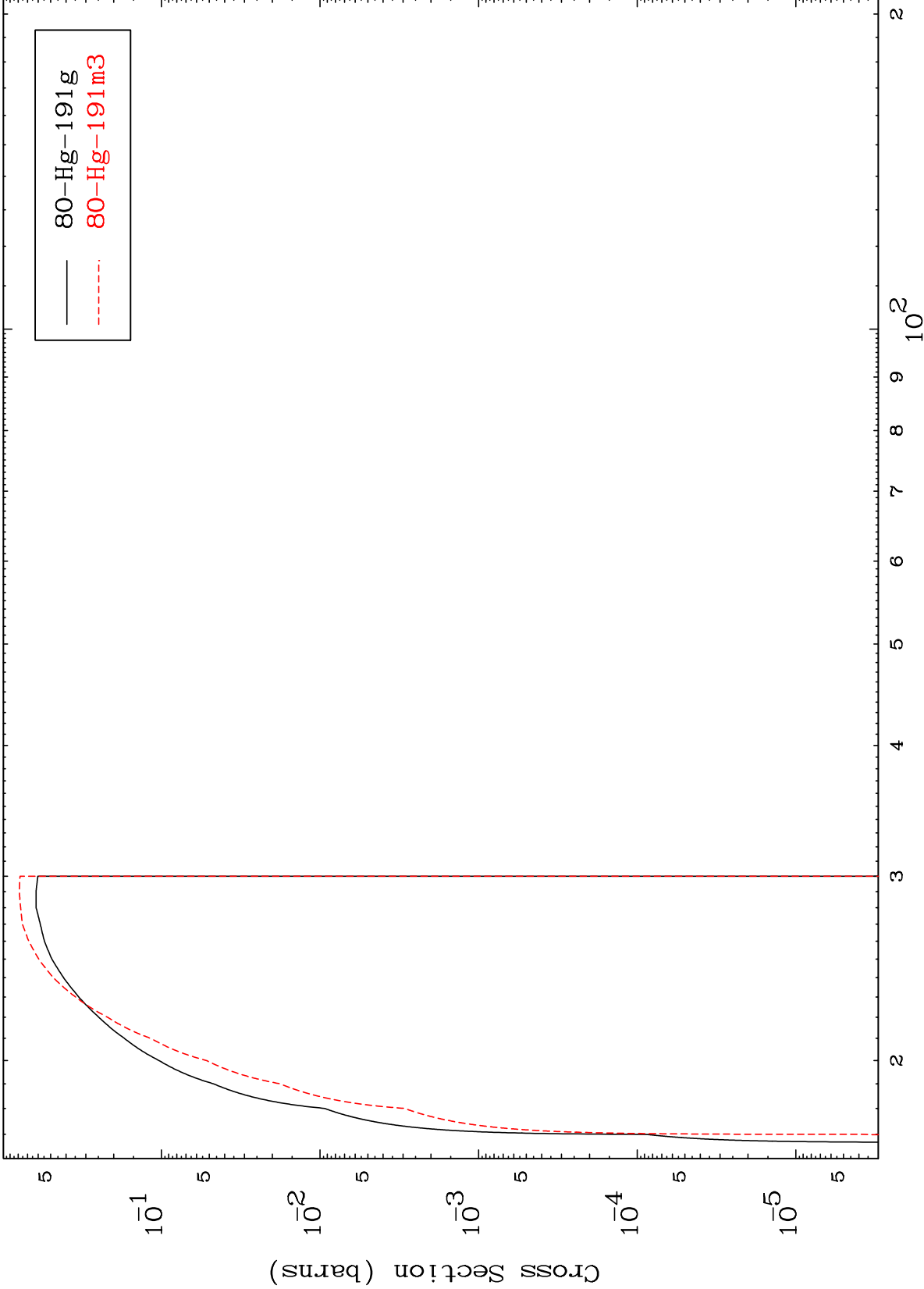


MAT 8016

(n,3n)

80-Hg-193

Radionuclide Production Cross Section



84

Incident Energy (MeV)

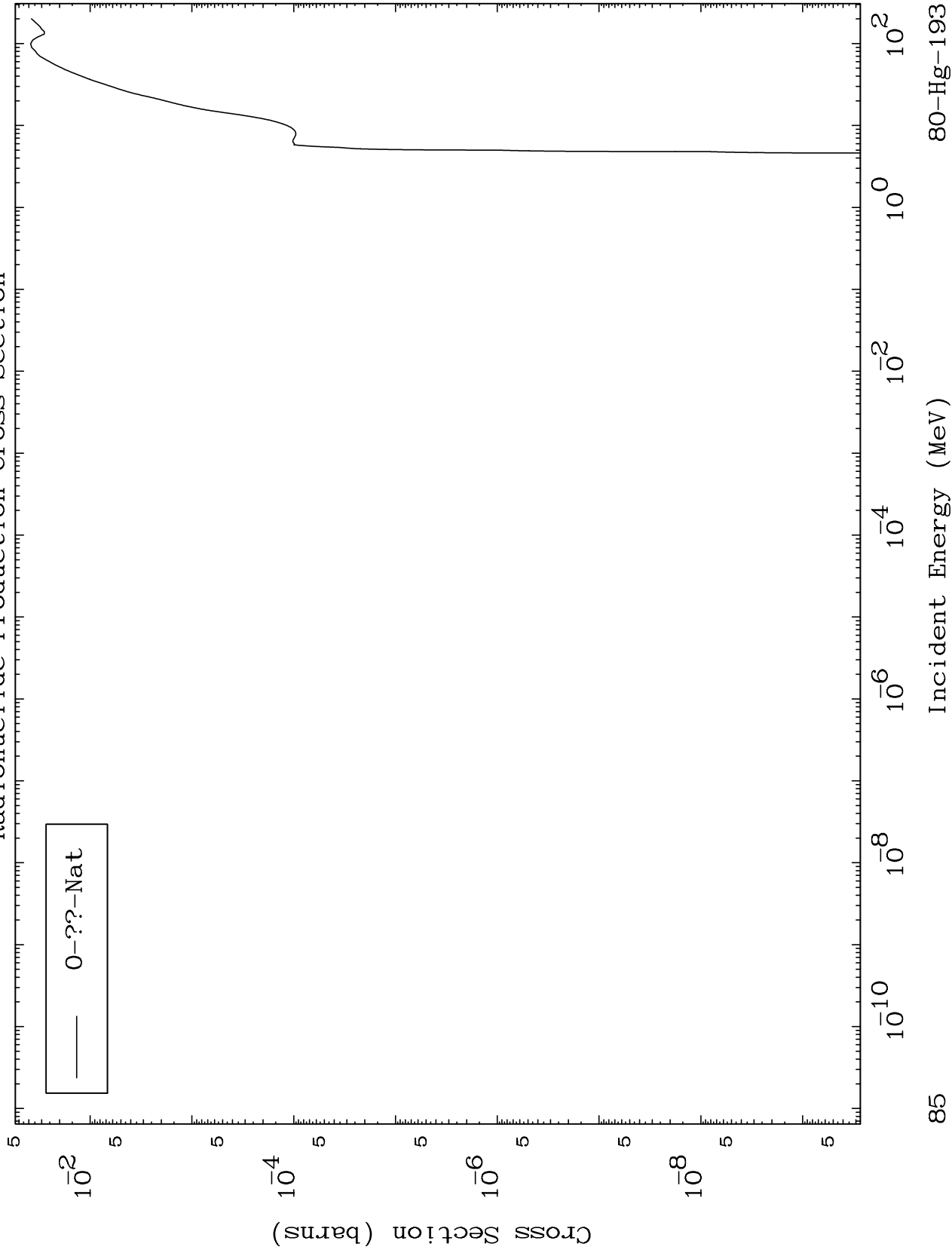
80-Hg-193

MAT 8016

Fission

80-Hg-193

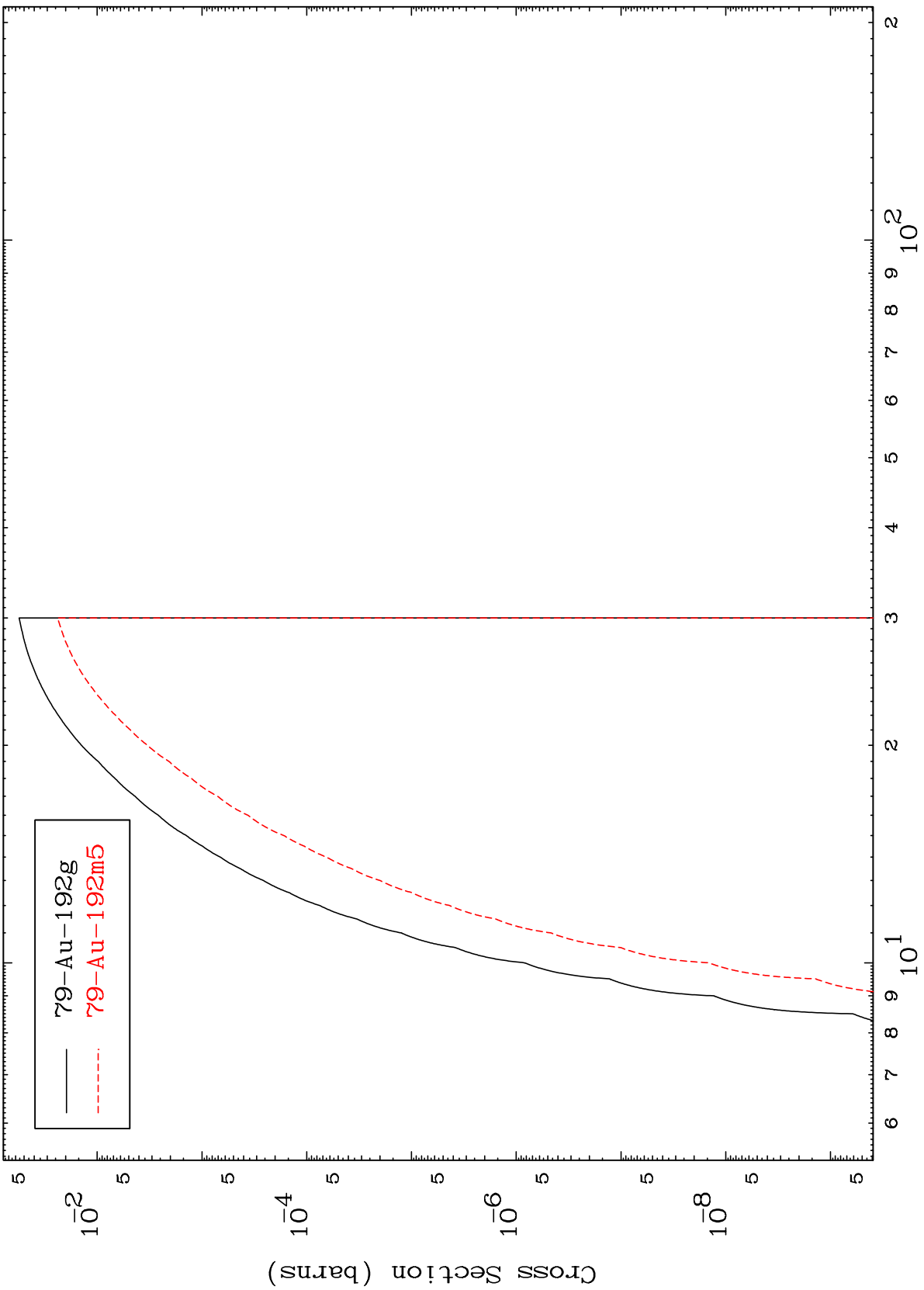
Radionuclide Production Cross Section



85

80-Hg-193

(n,n') p
Radionuclide Production Cross Section

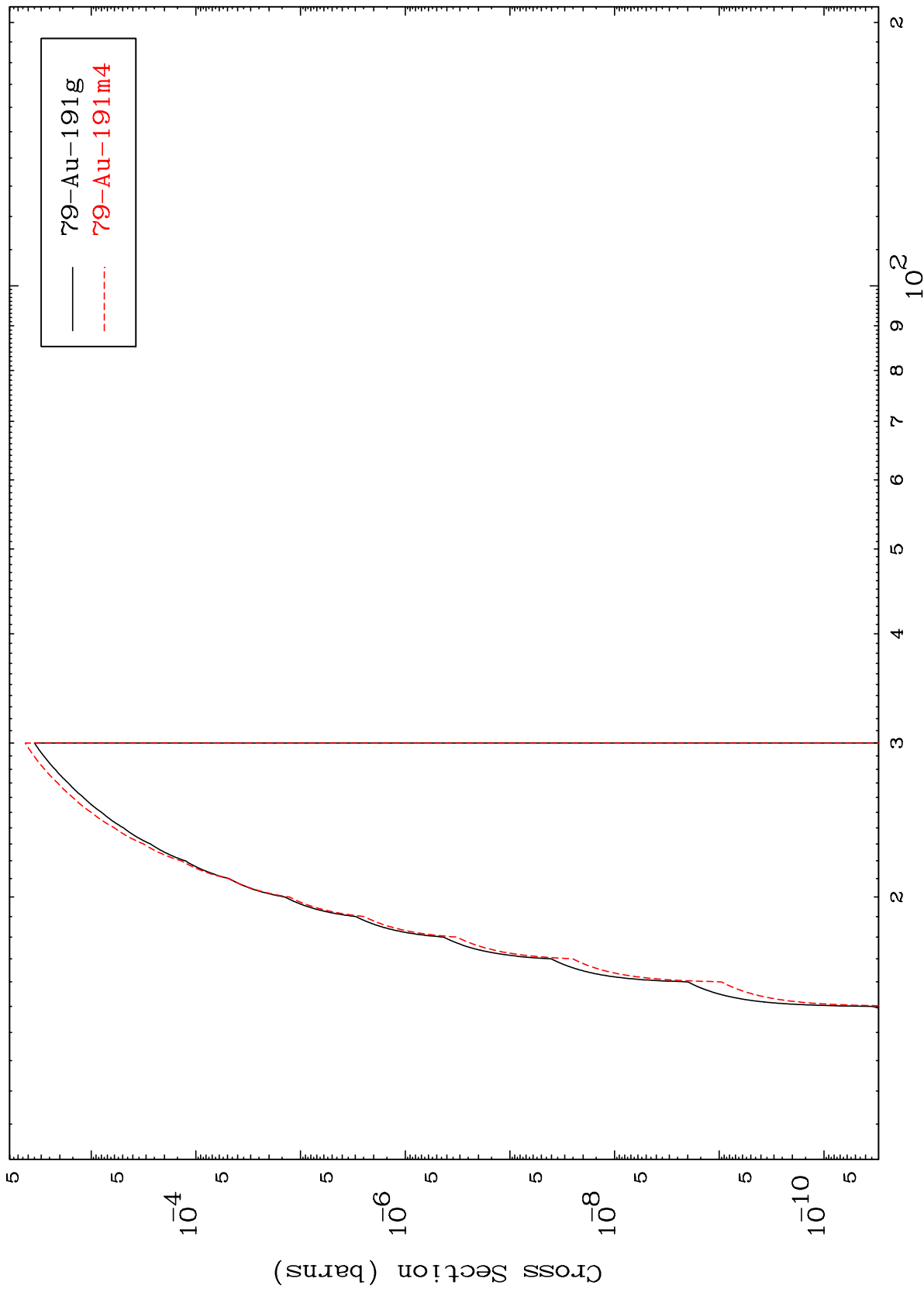


MAT 8016

(n,n') d

80-Hg-193

Radionuclide Production Cross Section



87

Incident Energy (MeV)

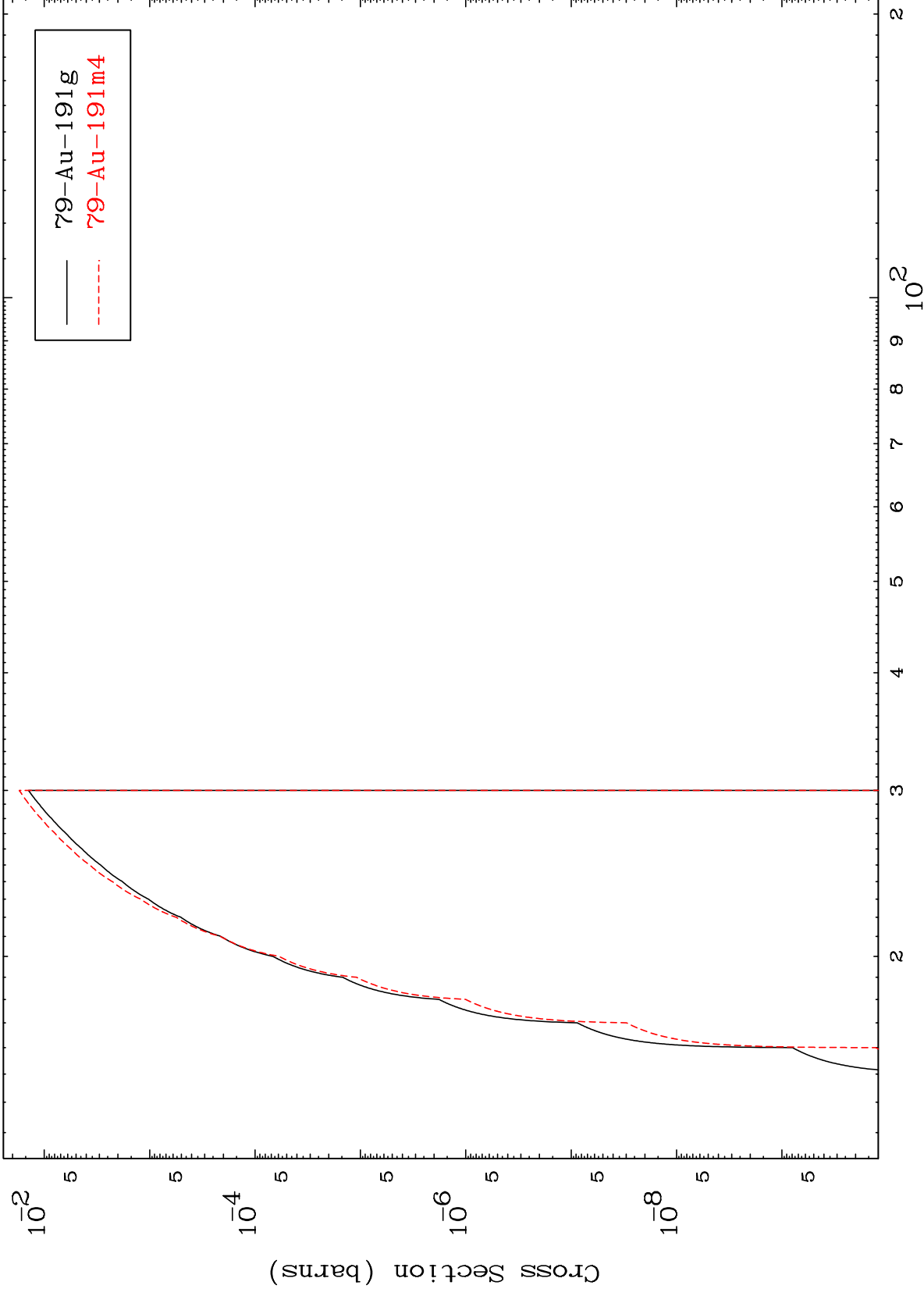
80-Hg-193

MAT 8016

(n,2n) p

80-Hg-193

Radionuclide Production Cross Section



79-Au-191g
79-Au-191m4

88

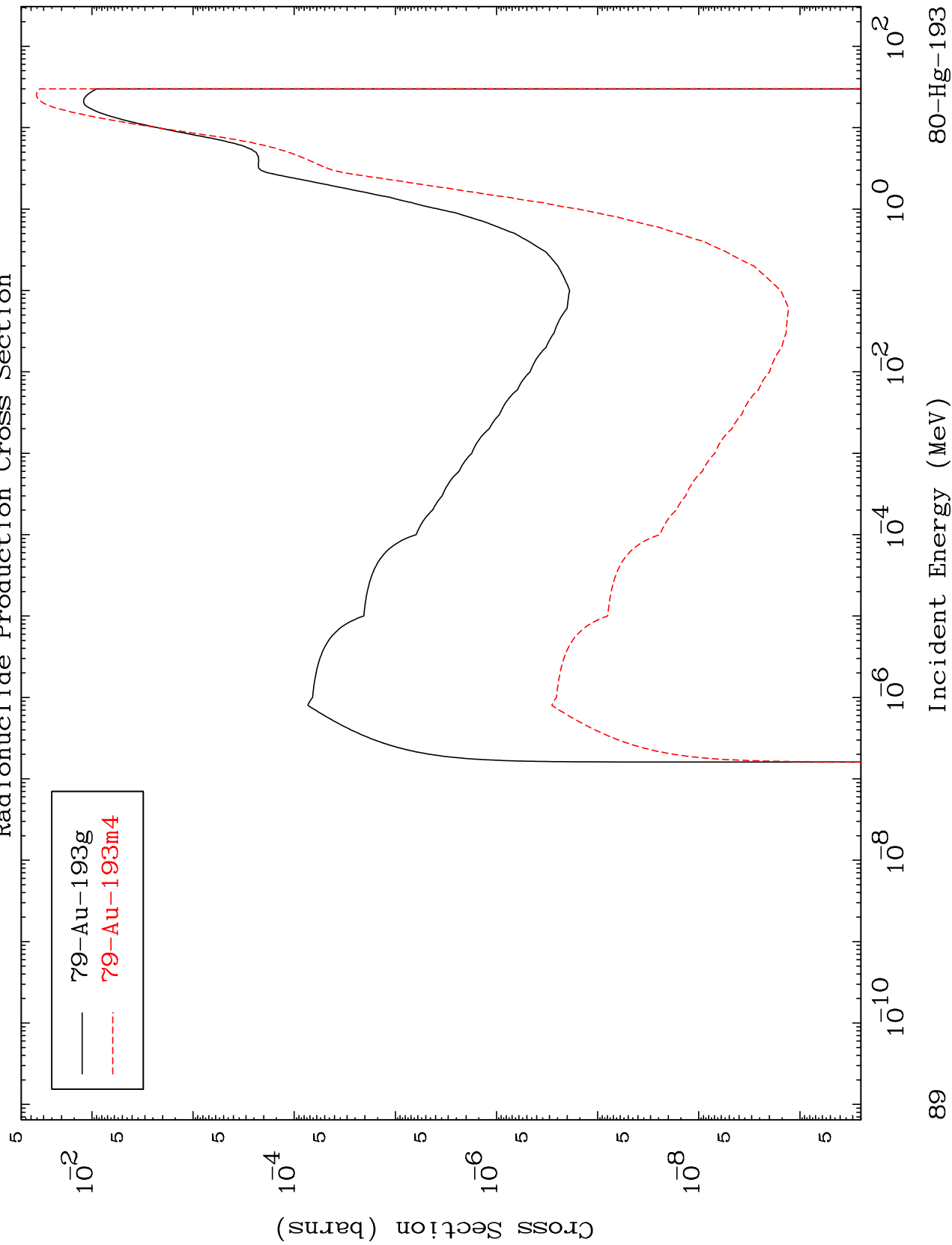
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

(n,p)
Radionuclide Production Cross Section

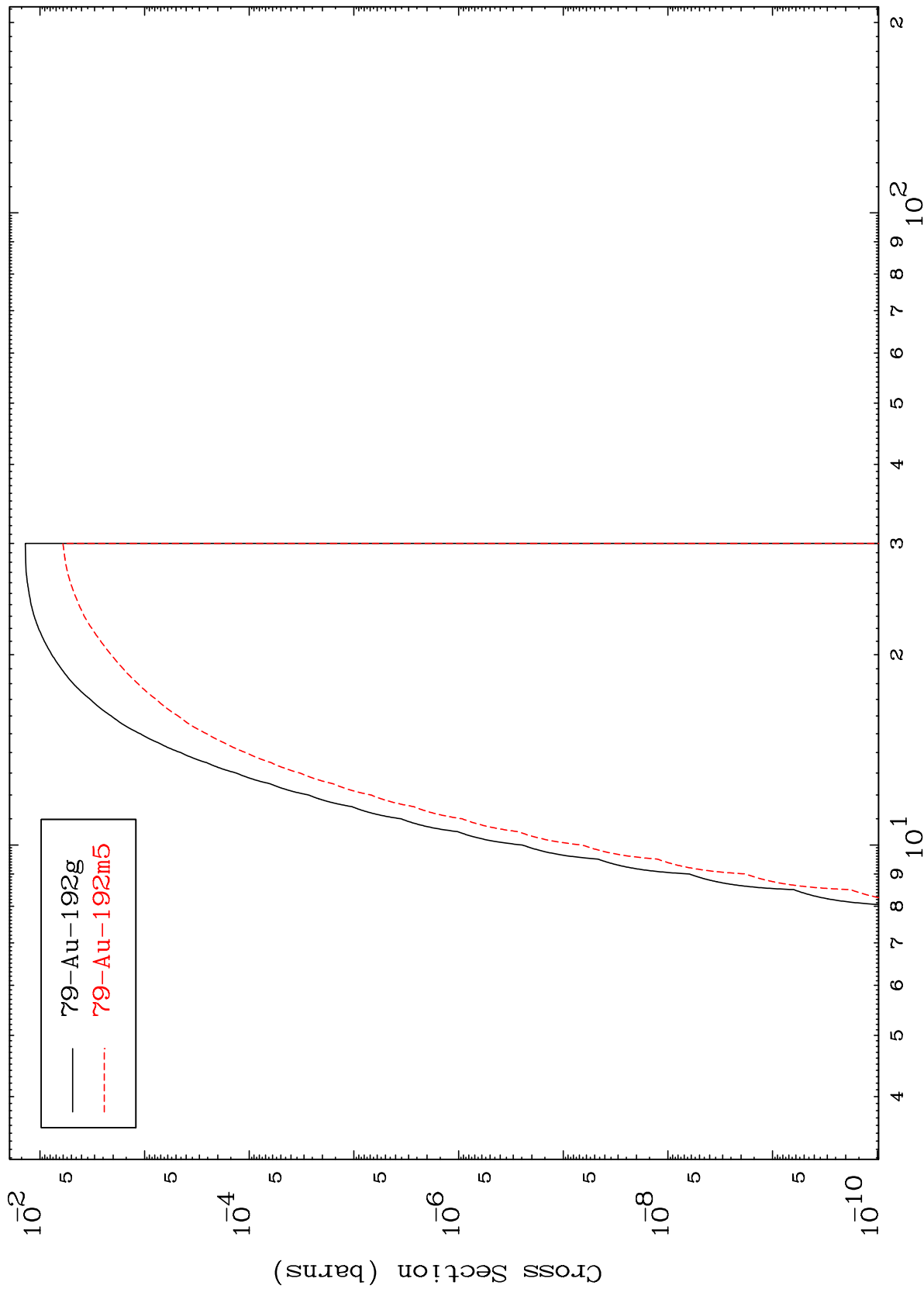


MAT 8016

(n, d)

80-Hg-193

Radionuclide Production Cross Section



79-Au-192g
79-Au-192m5

90

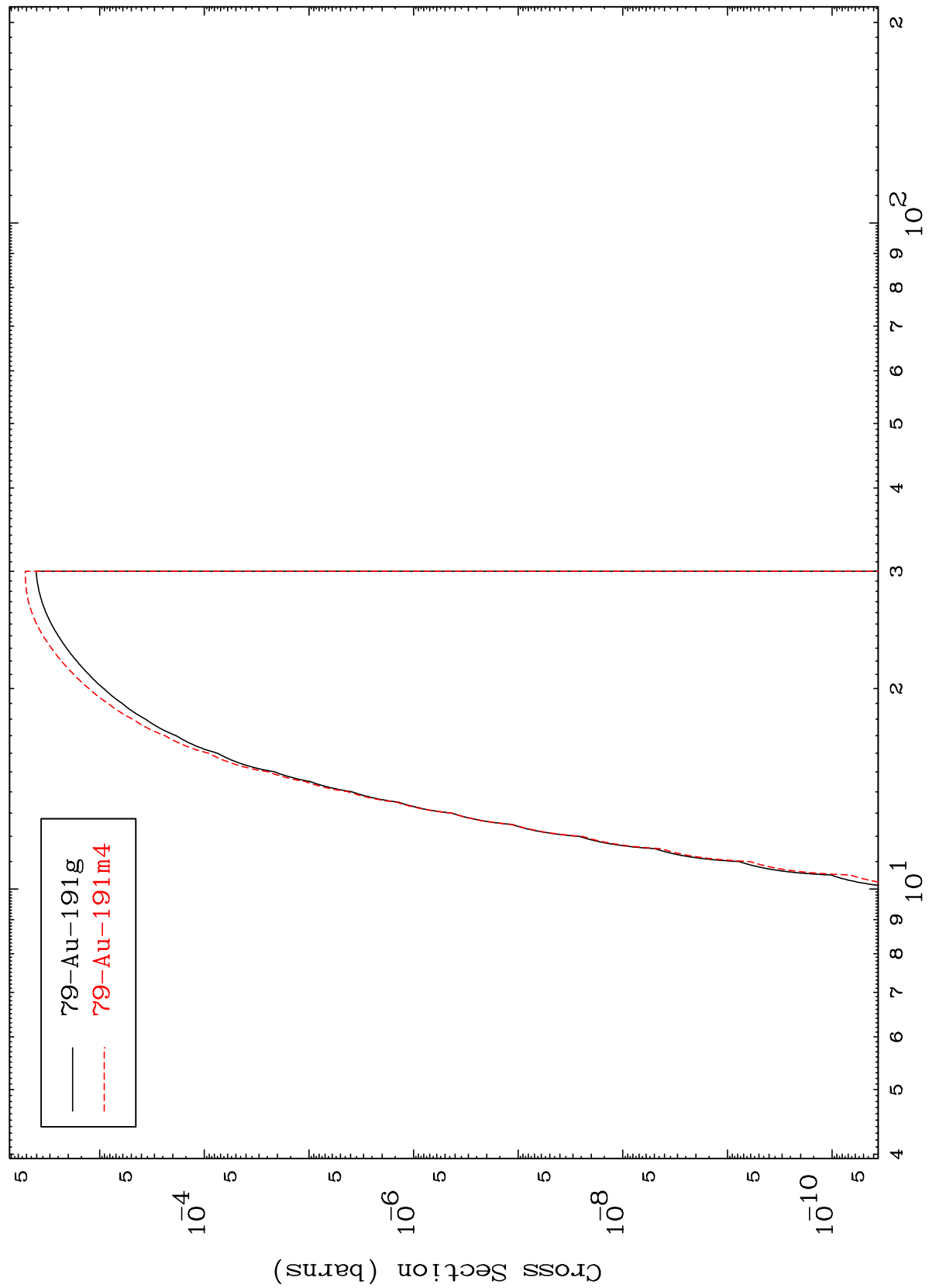
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

(n, t)
Radionuclide Production Cross Section



91

Incident Energy (MeV)

80-Hg-193