

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

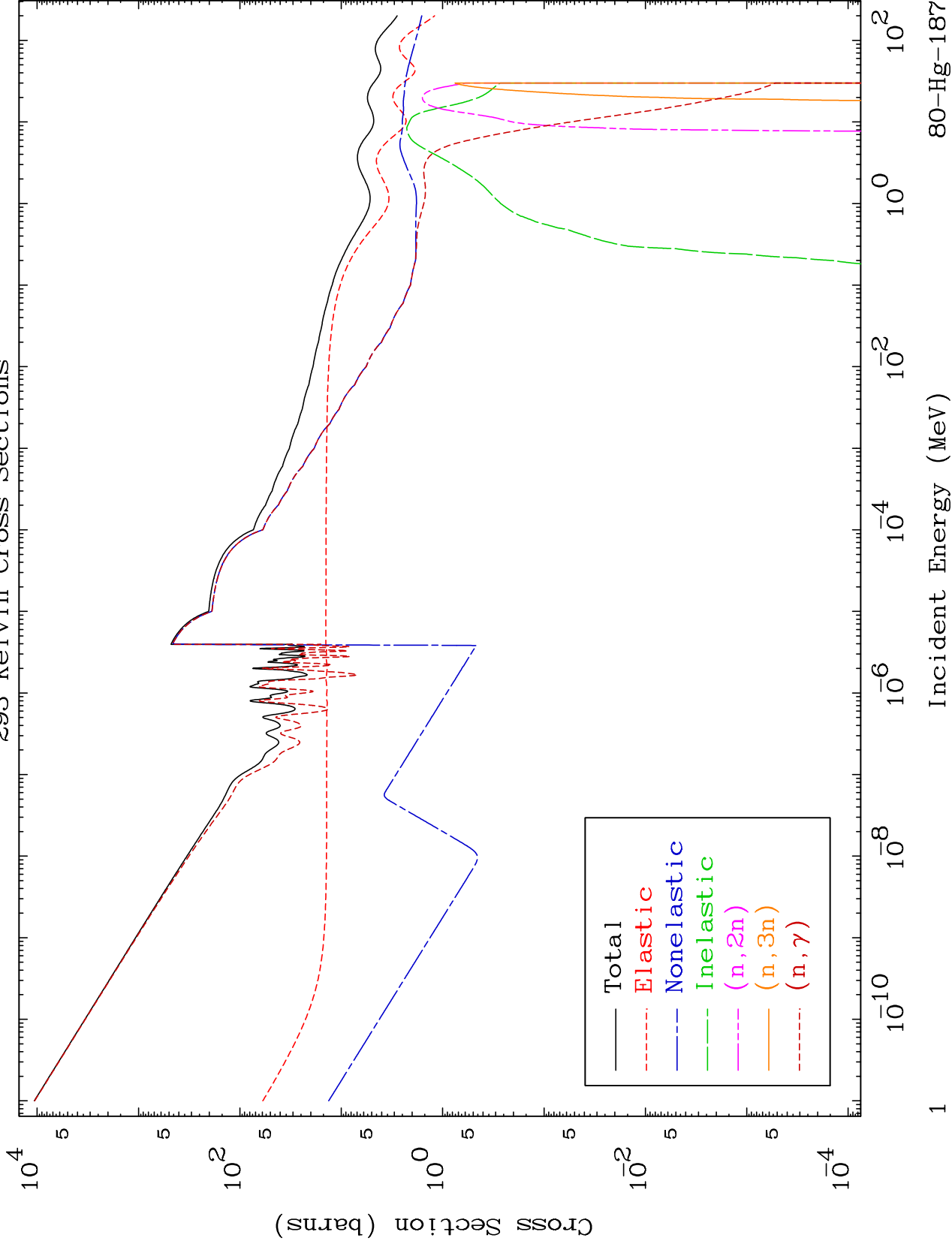
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7998

Neutron Major
293 Kelvin Cross Sections

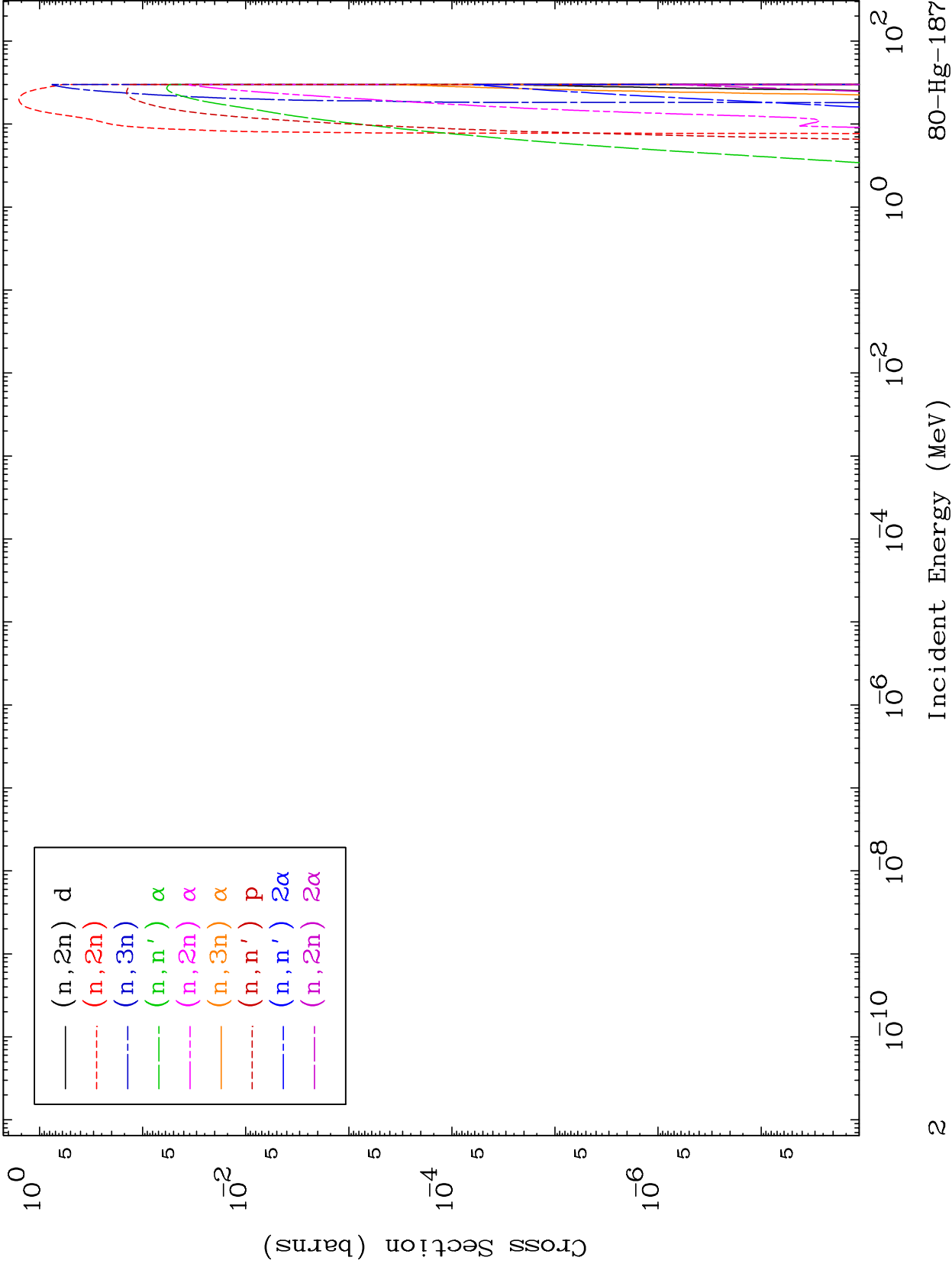
80-Hg-187



MAT 7998

Neutron Absorption
293 Kelvin Cross Sections

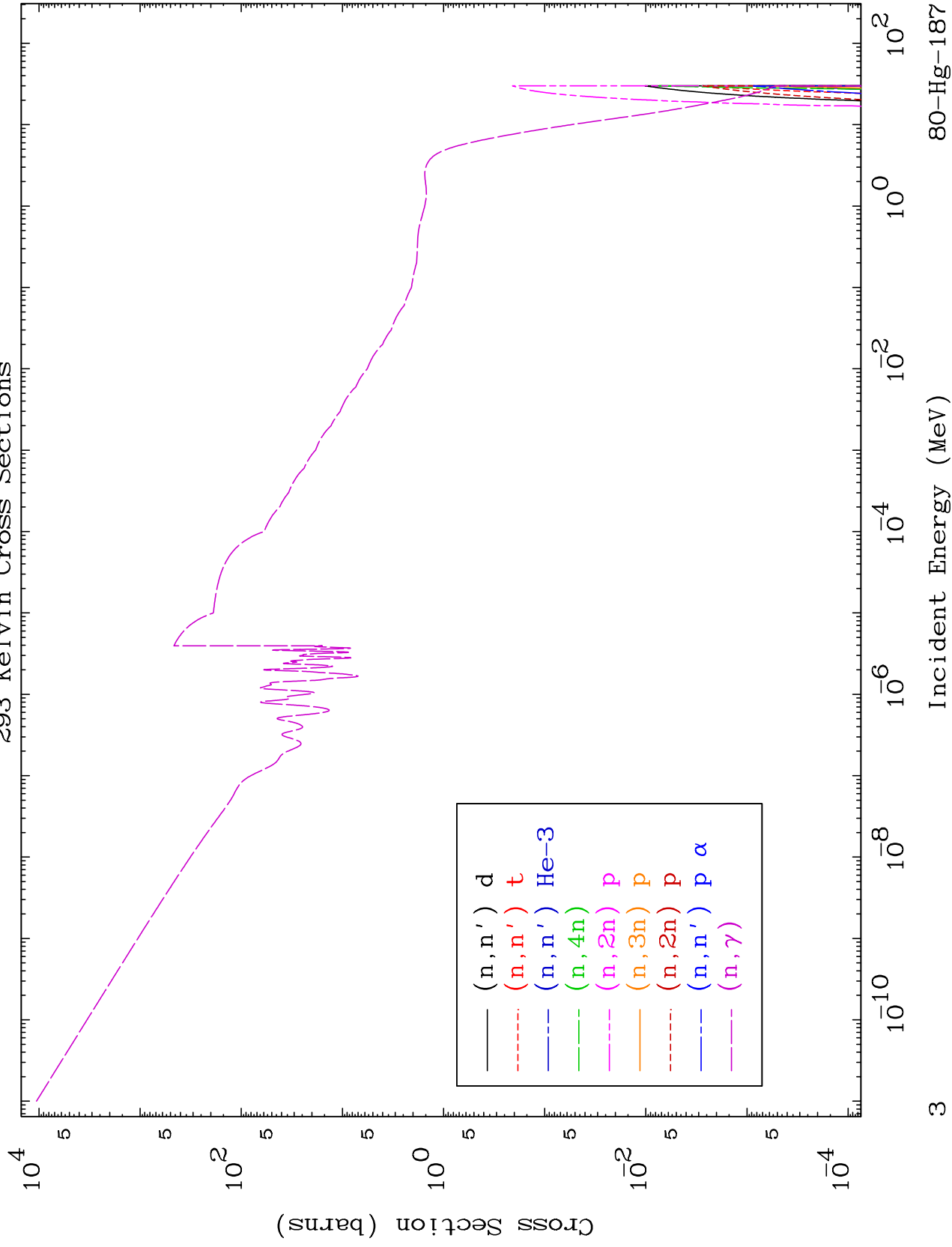
80-Hg-187



MAT 7998

Neutron Absorption
293 Kelvin Cross Sections

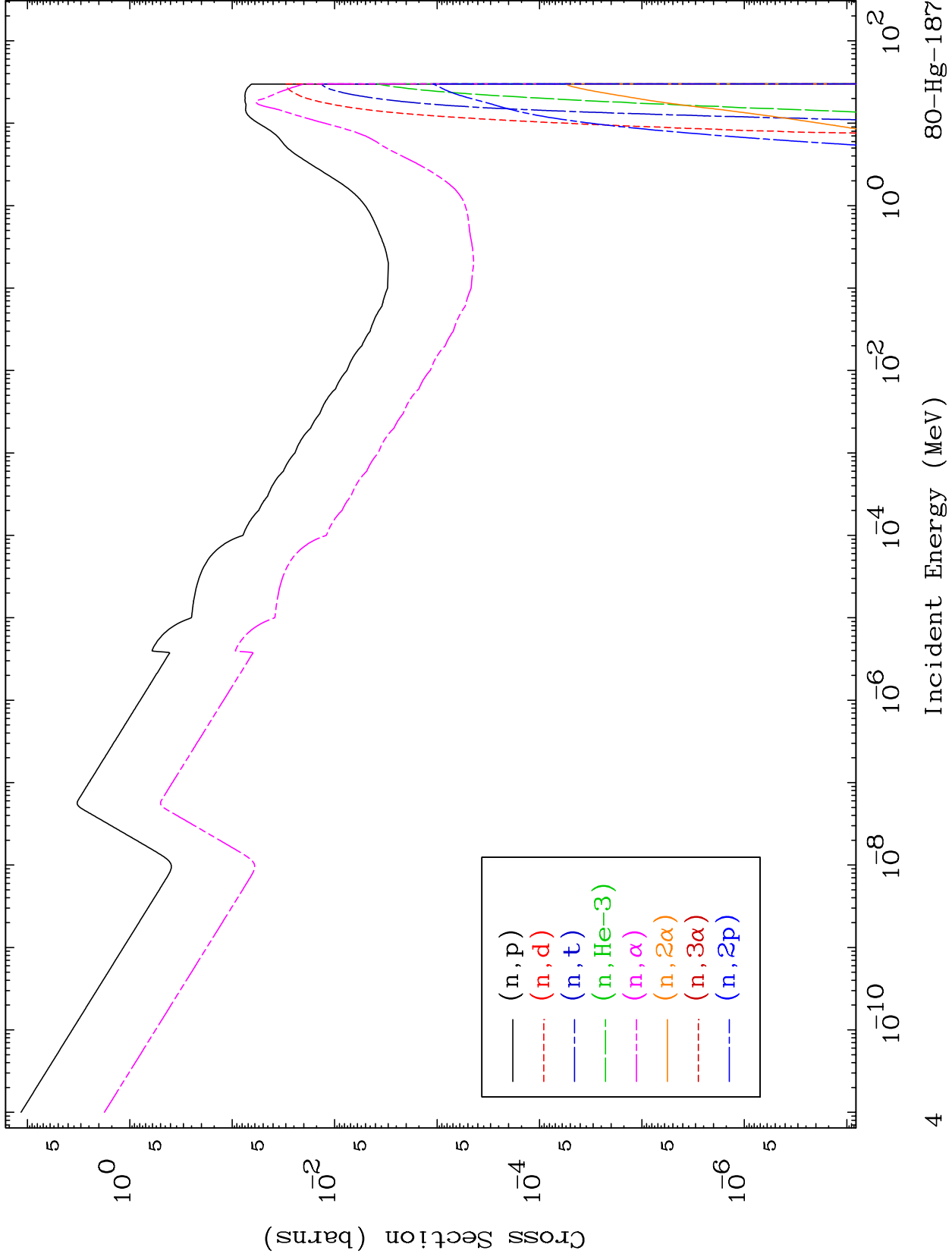
80-Hg-187



MAT 7998

Neutron Absorption
293 Kelvin Cross Sections

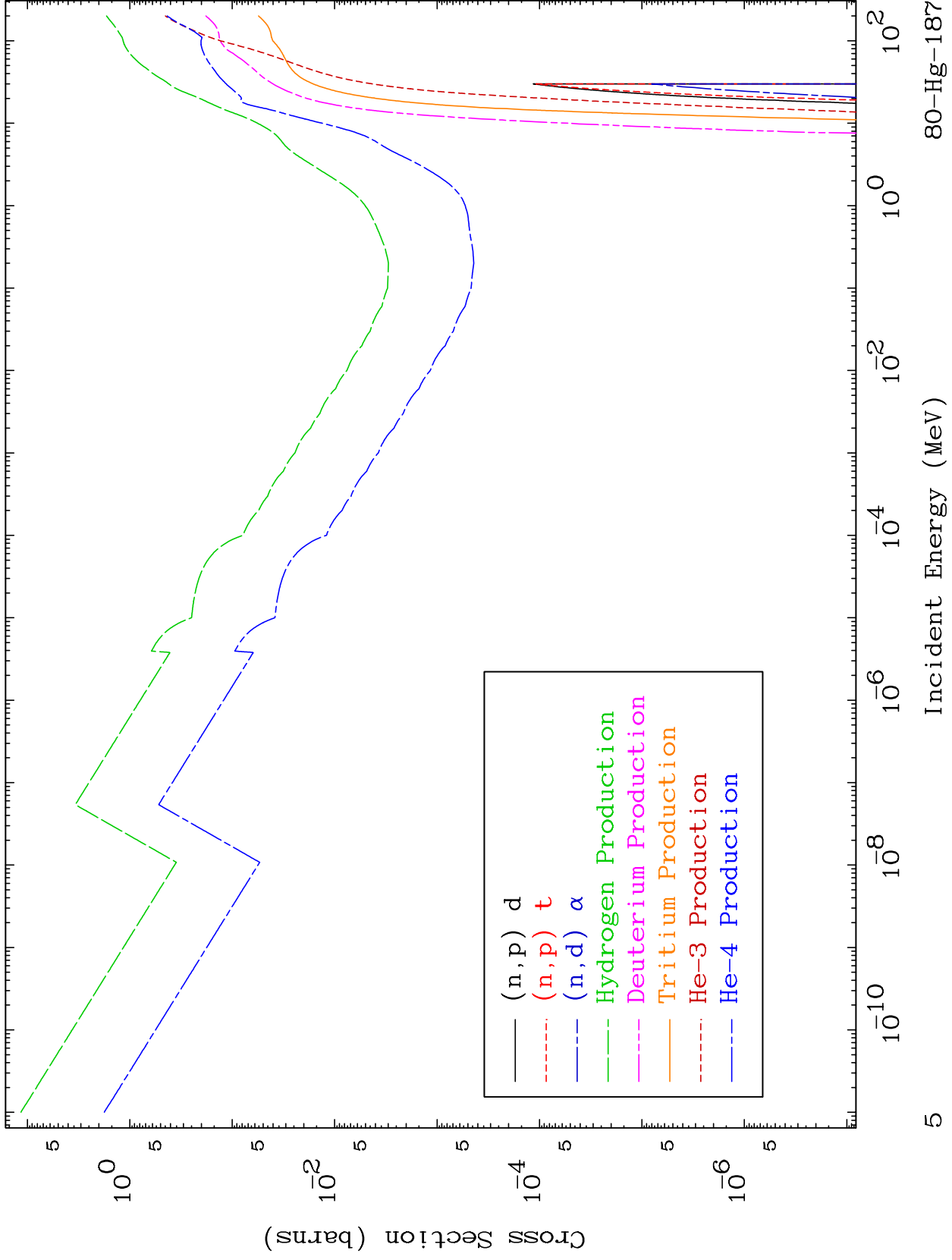
80-Hg-187



MAT 7998

Neutron Absorption
293 Kelvin Cross Sections

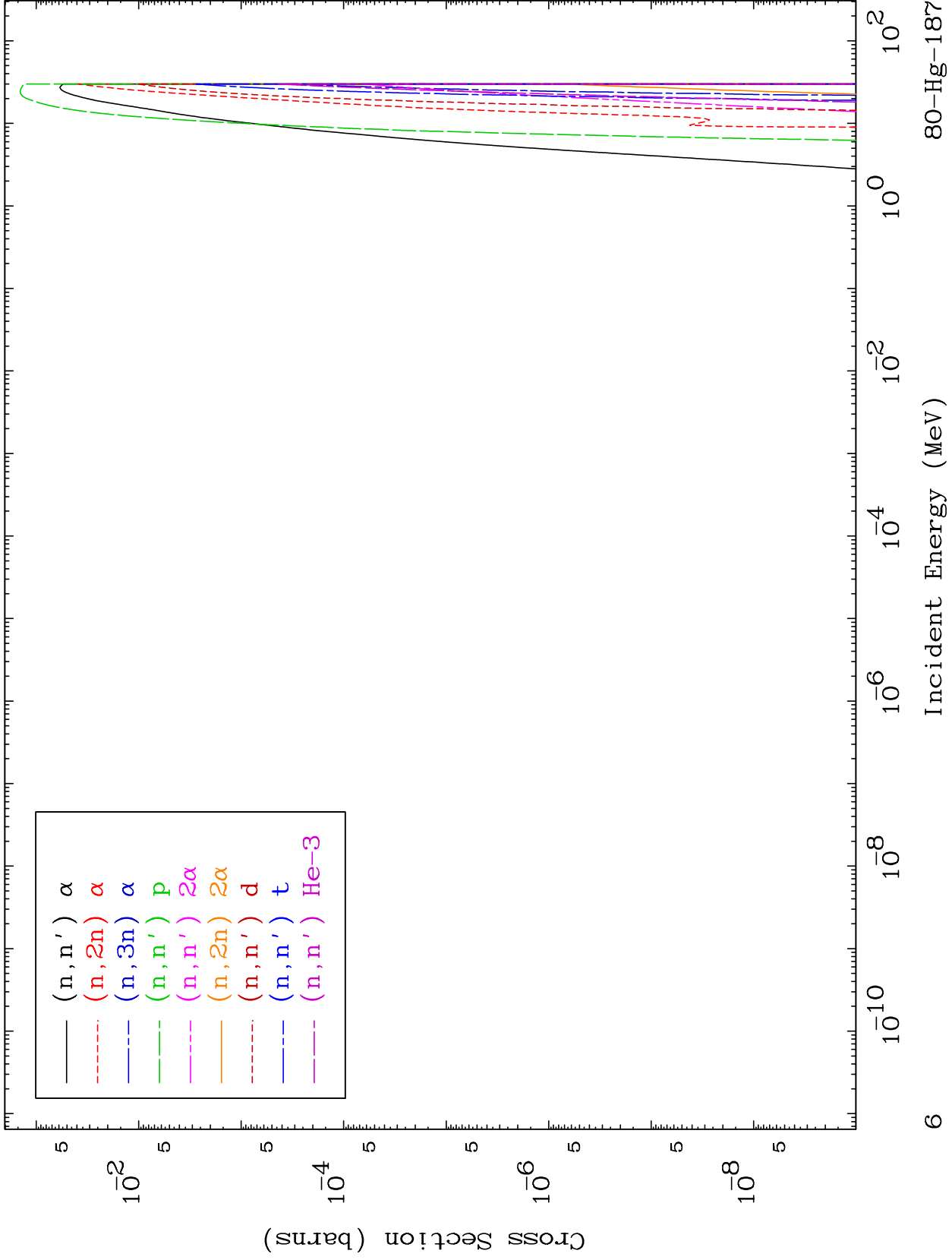
80-Hg-187



MAT 7998

Charged Particle
293 Kelvin Cross Sections

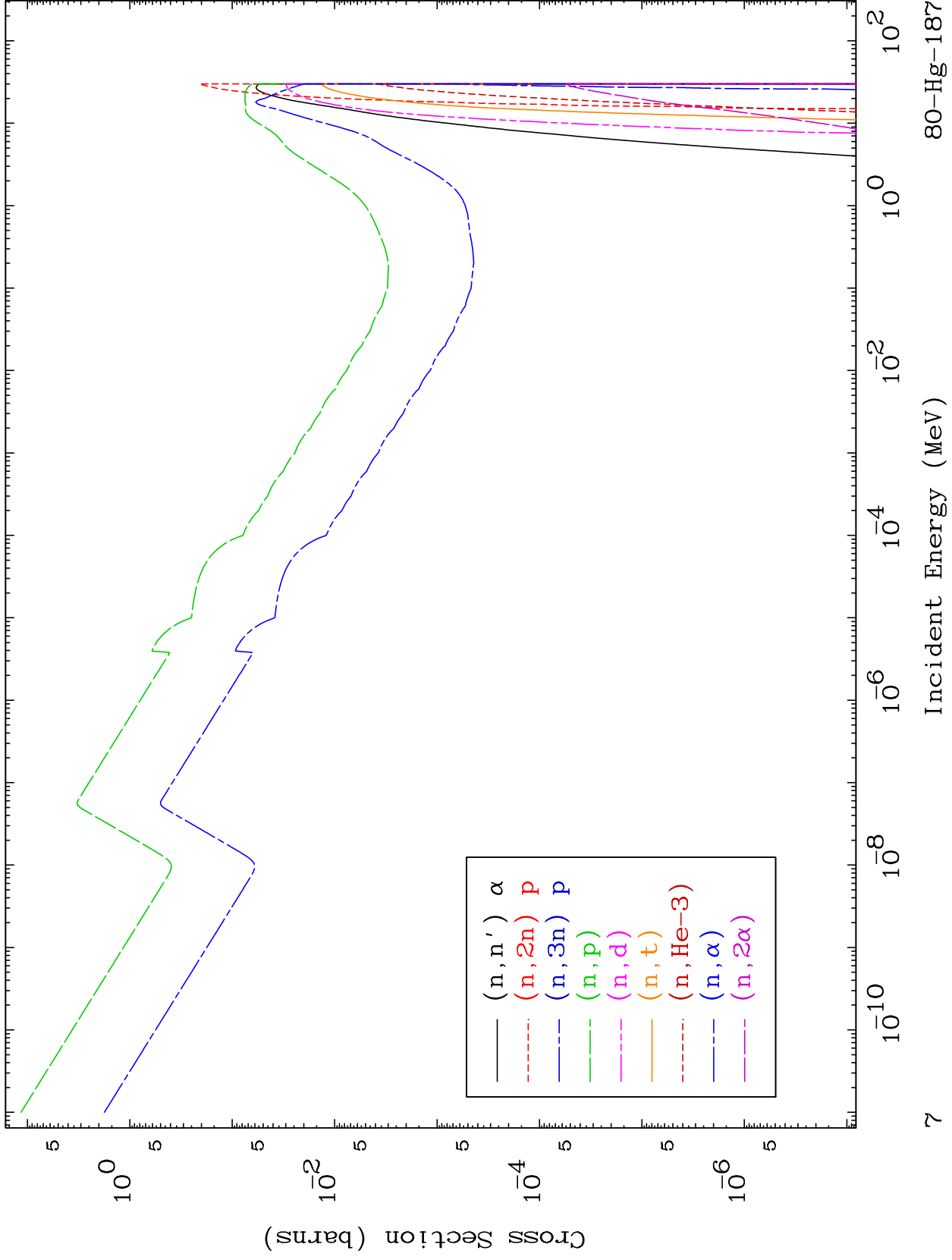
80-Hg-187



MAT 7998

Charged Particle
293 Kelvin Cross Sections

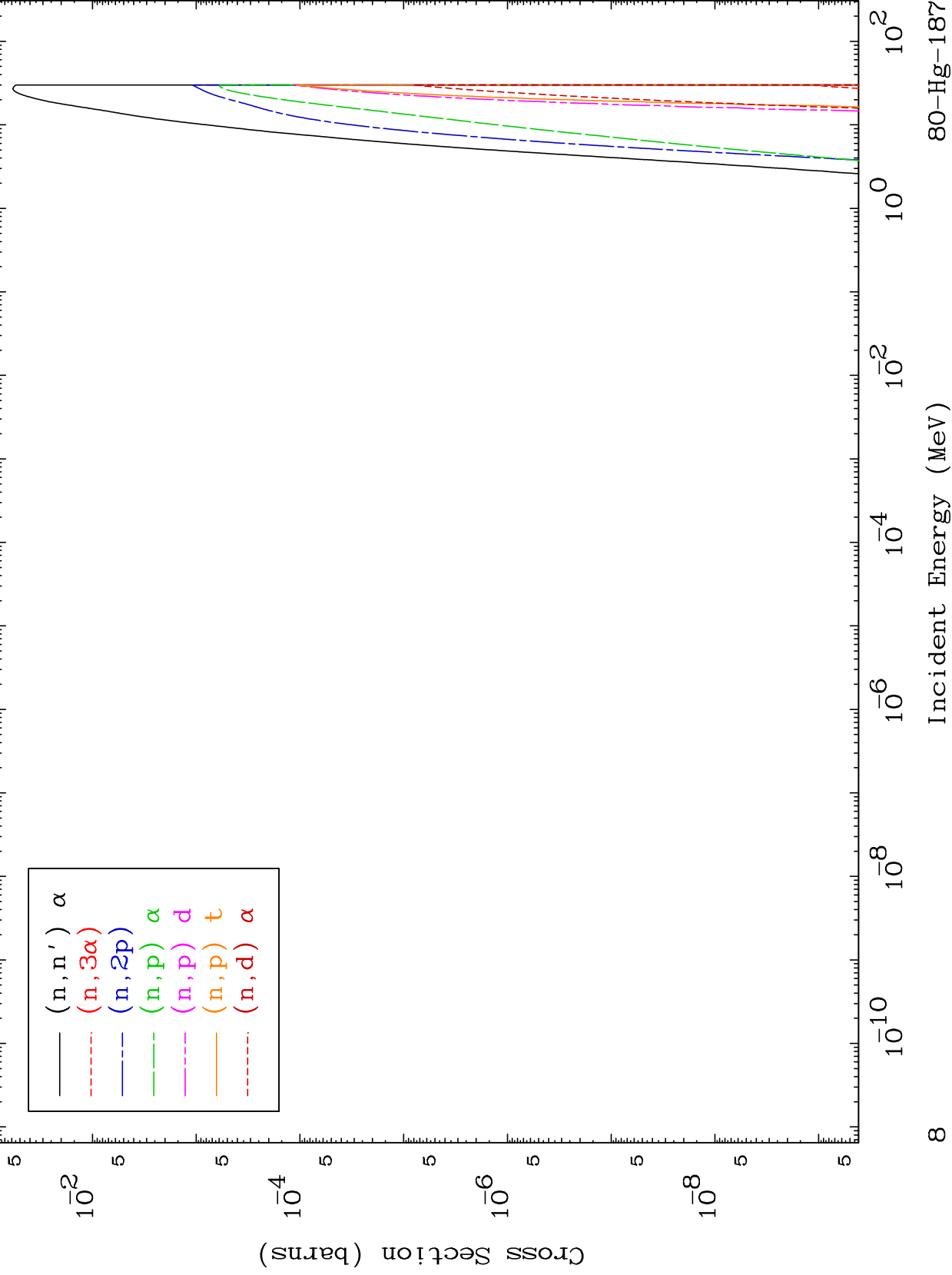
80-Hg-187



MAT 7998

Charged Particle
293 Kelvin Cross Sections

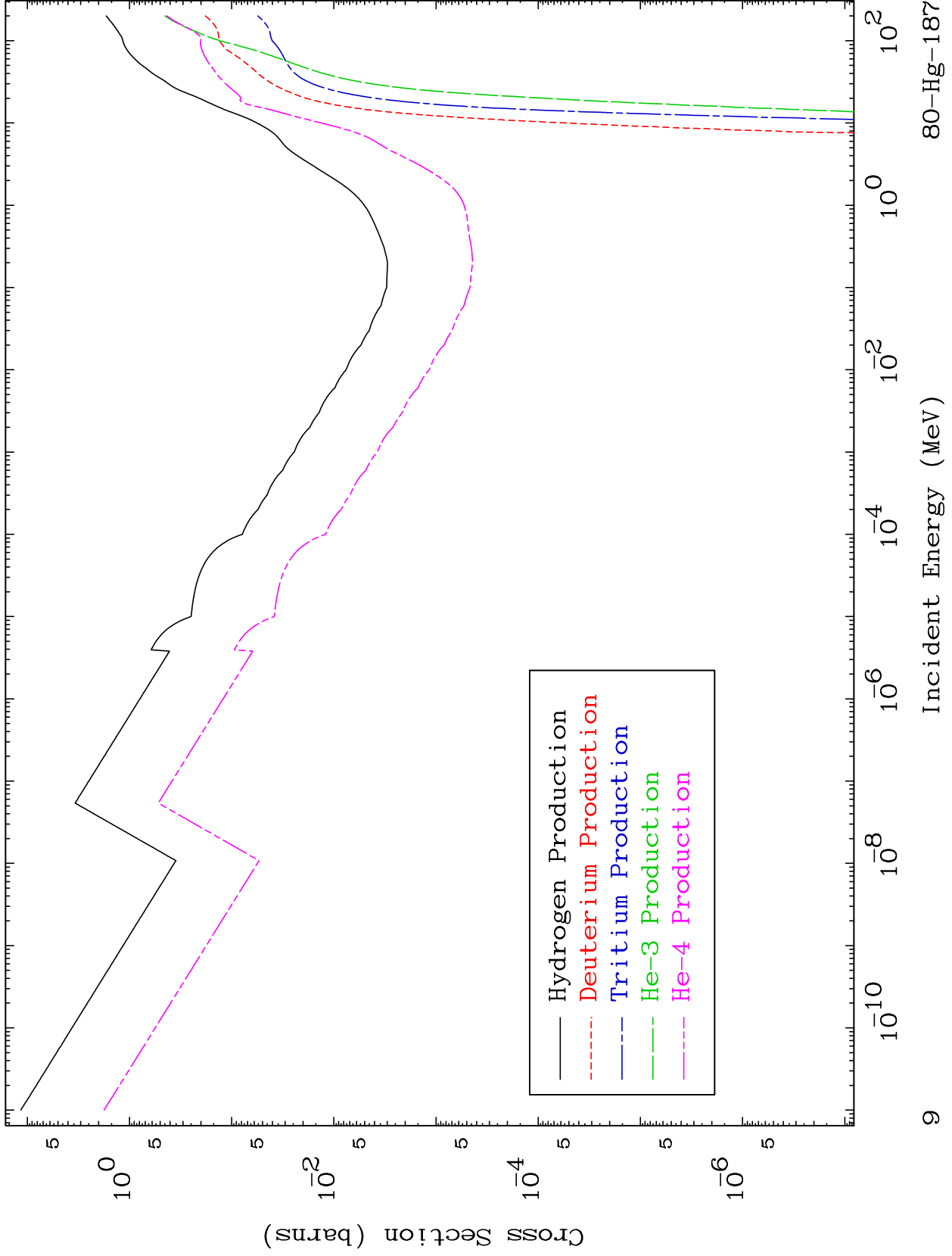
80-Hg-187



MAT 7998

Particle Production
293 Kelvin Cross Sections

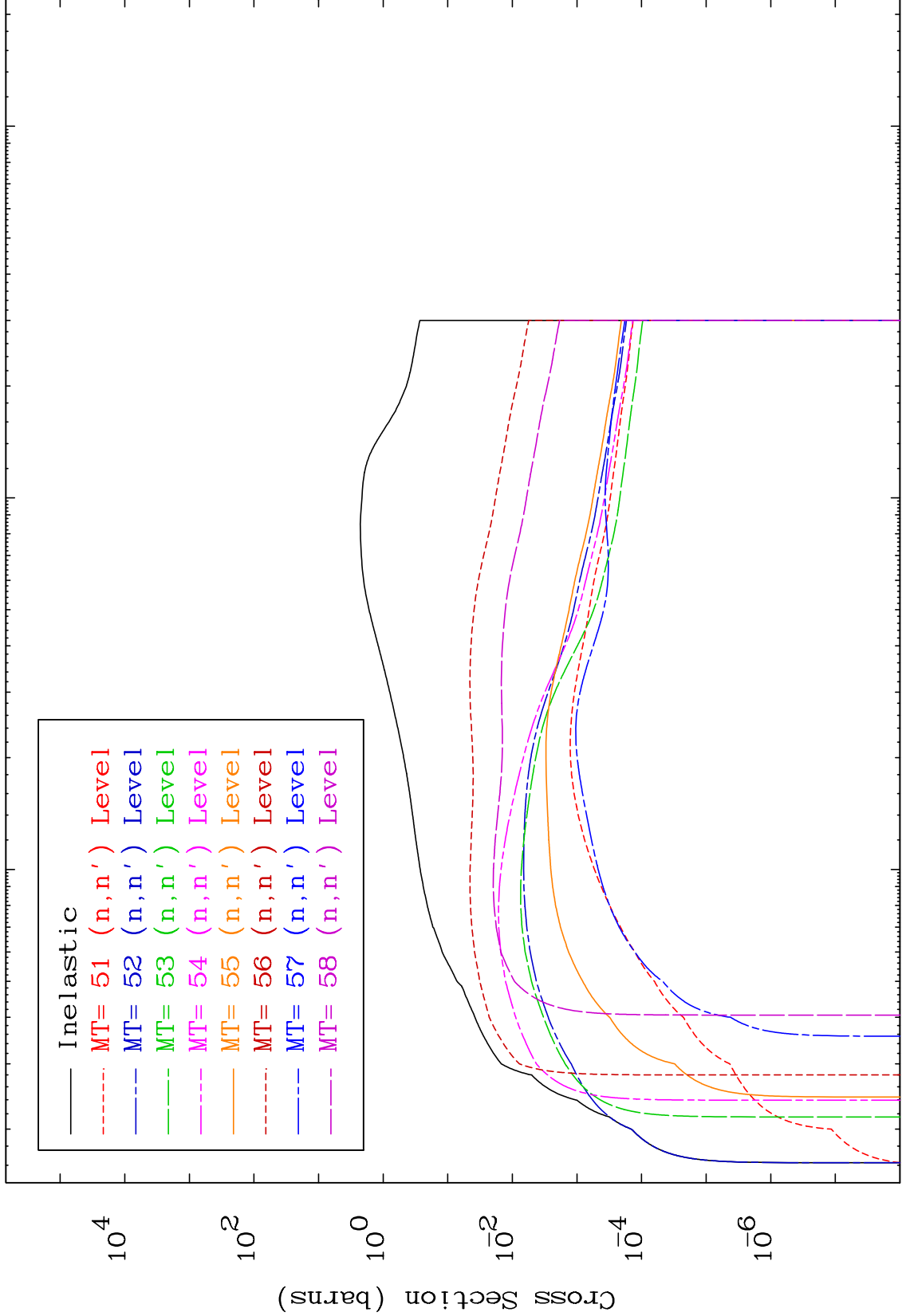
80-Hg-187



MAT 7998

(n,n') Levels
293 Kelvin Cross Sections

80-Hg-187



10

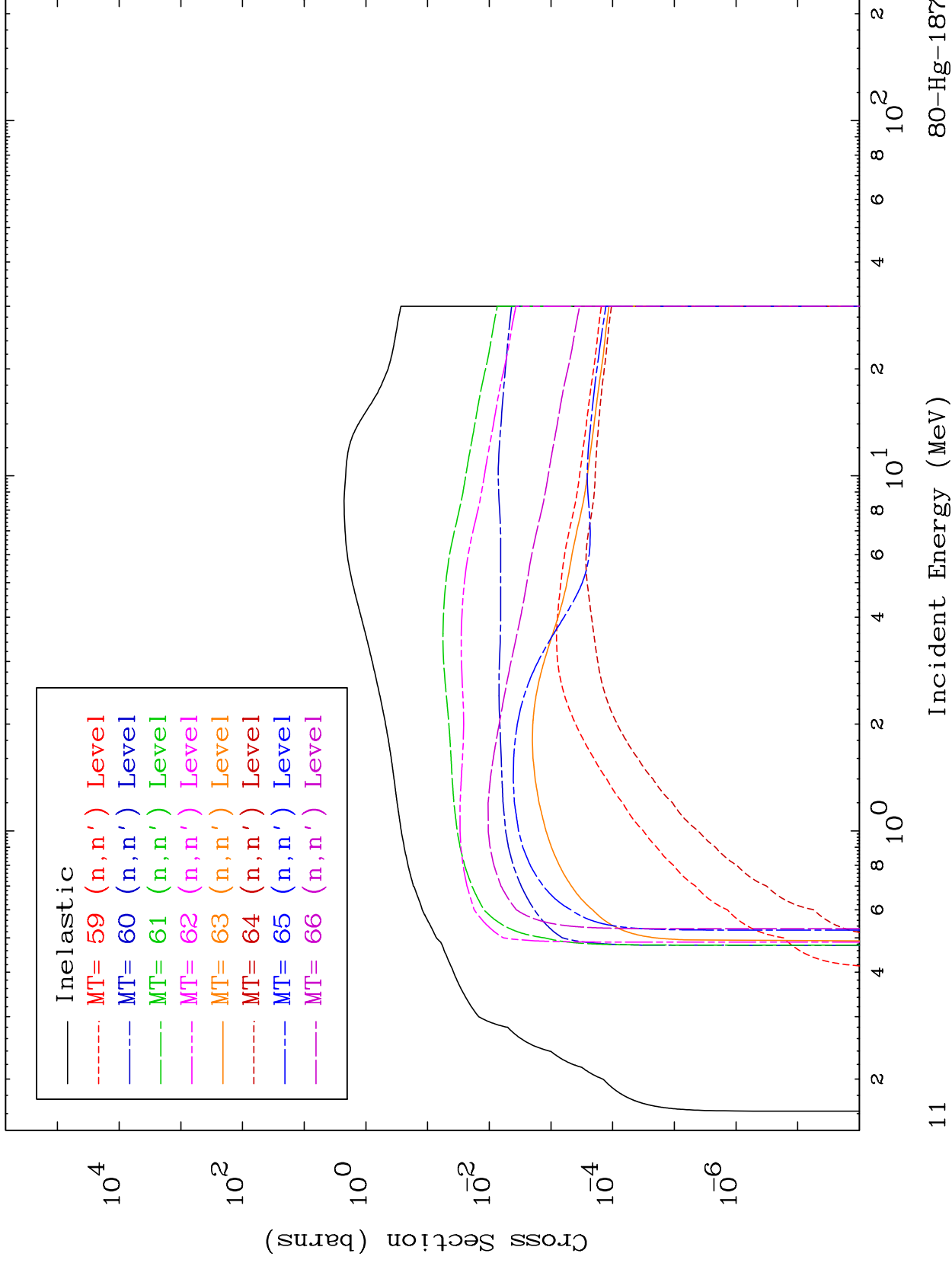
Incident Energy (MeV)

80-Hg-187

MAT 7998

(n,n') Levels
293 Kelvin Cross Sections

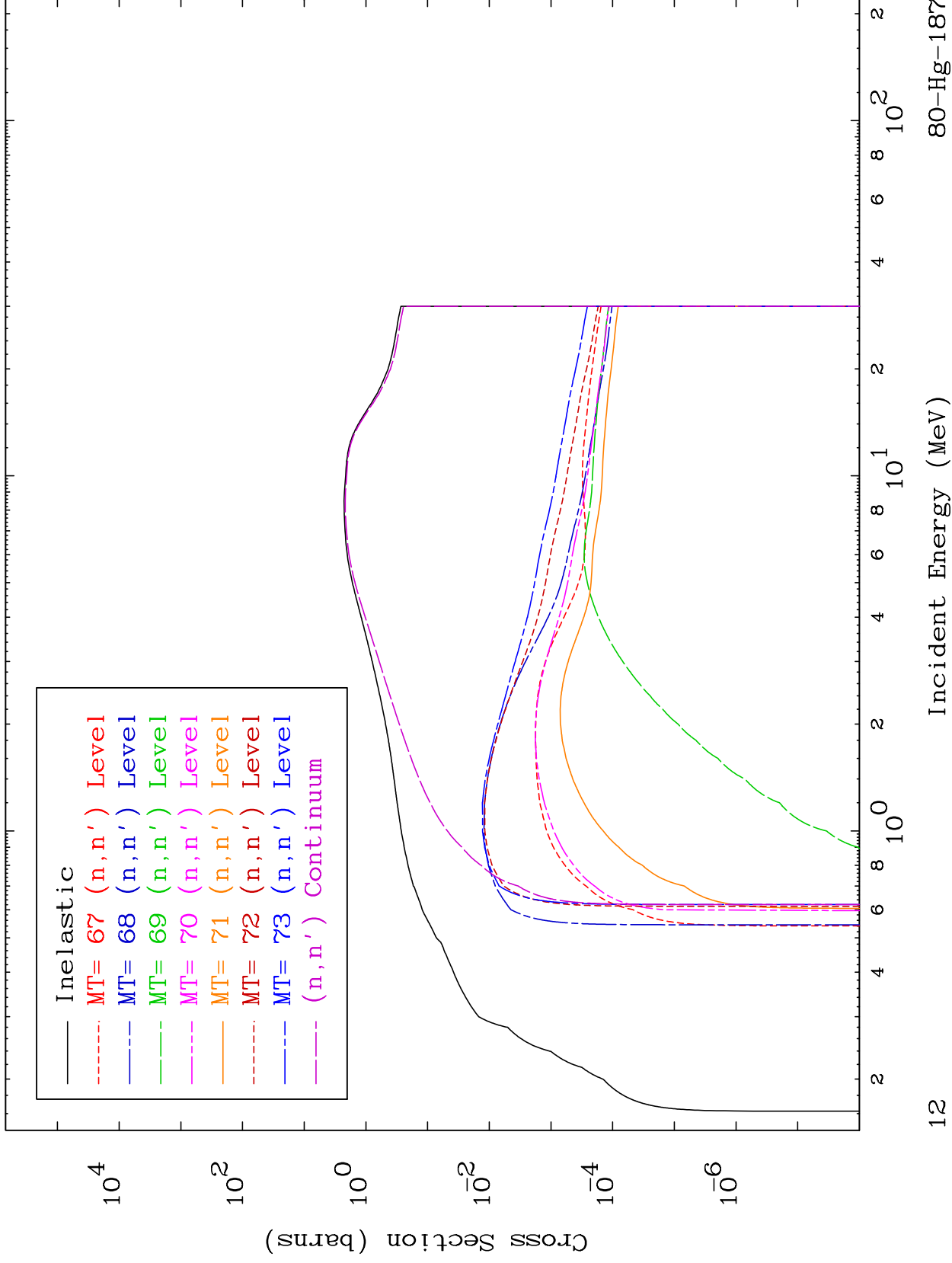
80-Hg-187



MAT 7998

(n,n') Levels
293 Kelvin Cross Sections

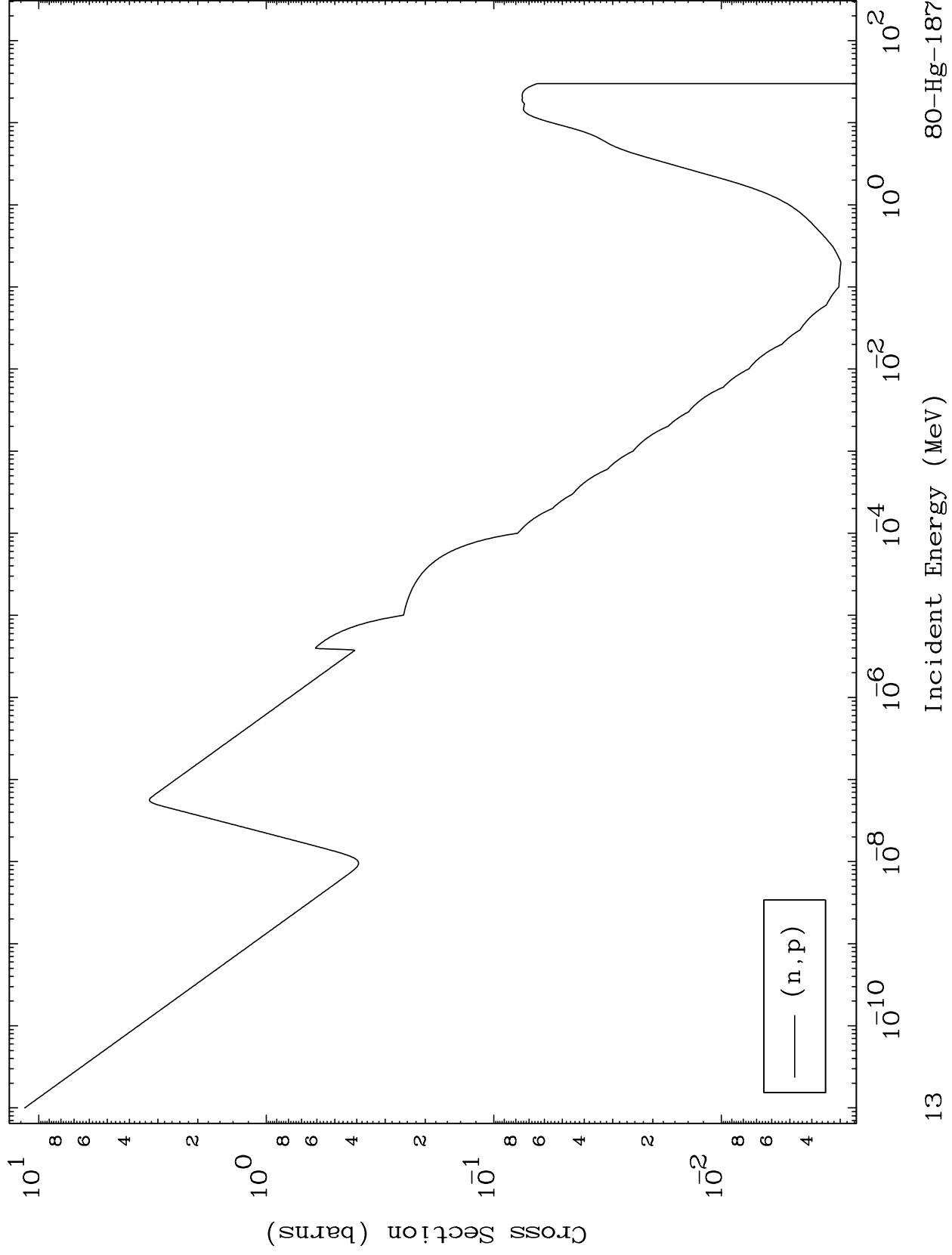
80-Hg-187



MAT 7998

(n,p) Levels
293 Kelvin Cross Sections

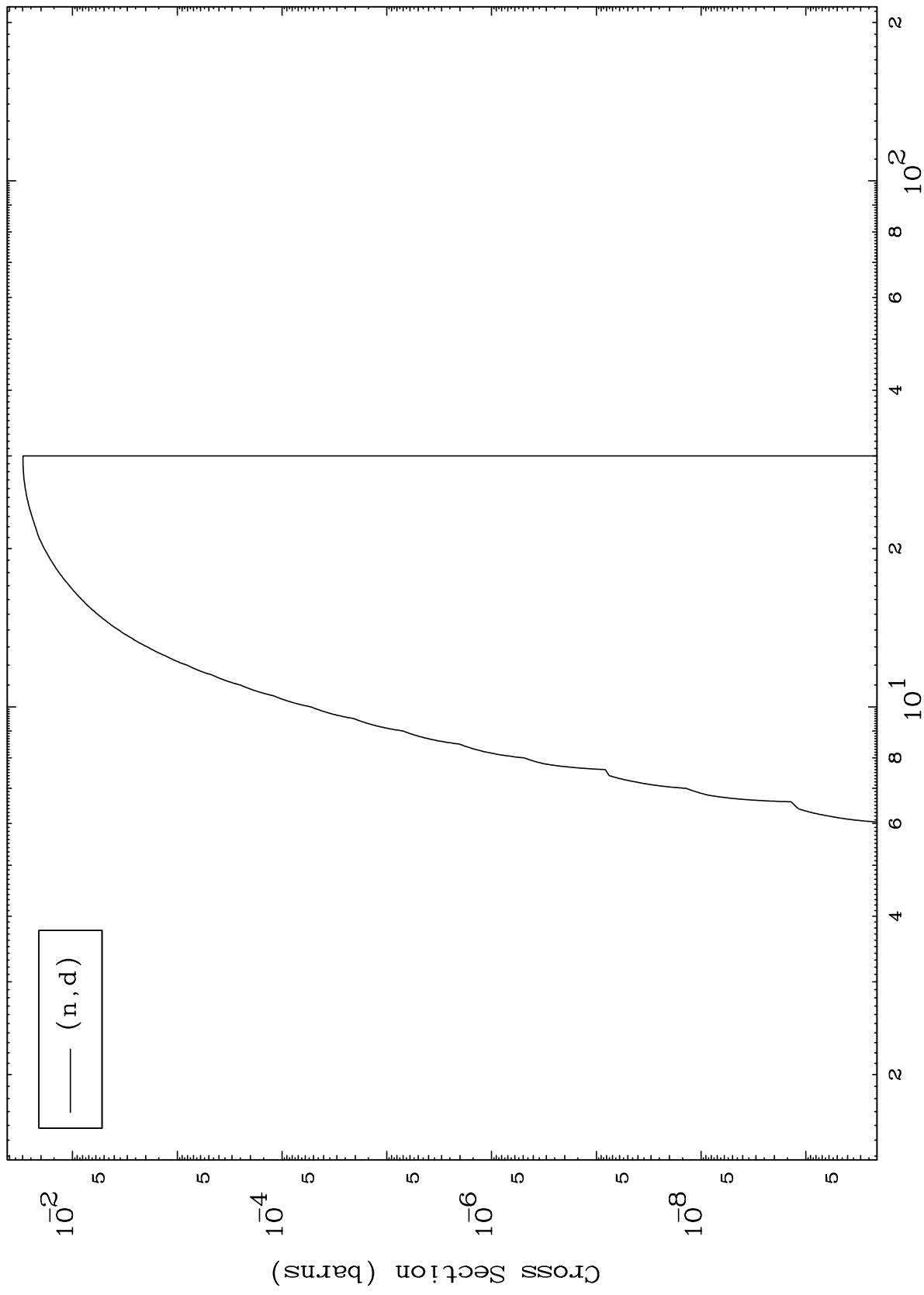
80-Hg-187



MAT 7998

80-Hg-187

(n,d) Levels
293 Kelvin Cross Sections



80-Hg-187

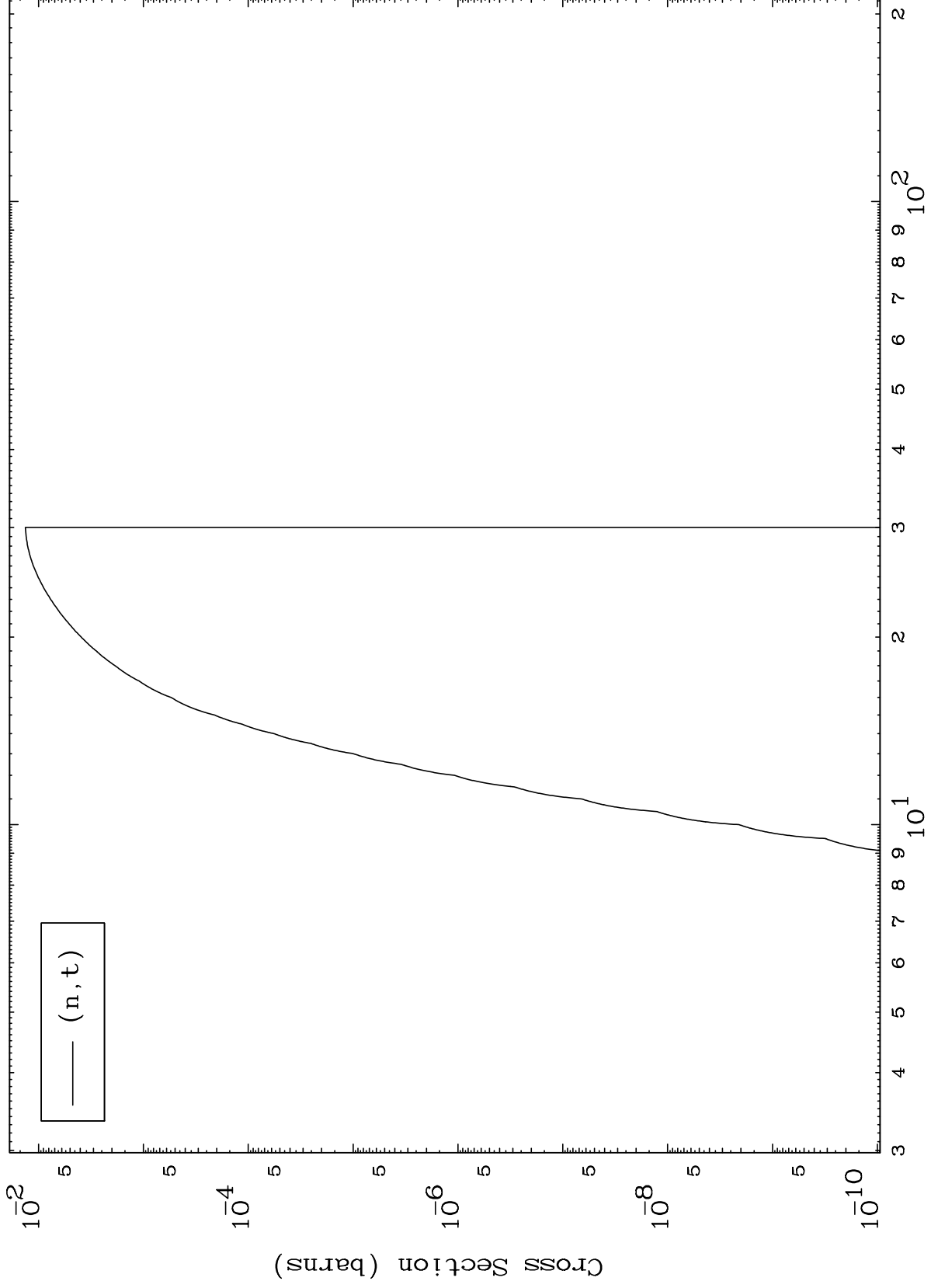
Incident Energy (MeV)

14

MAT 7998

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-187



15

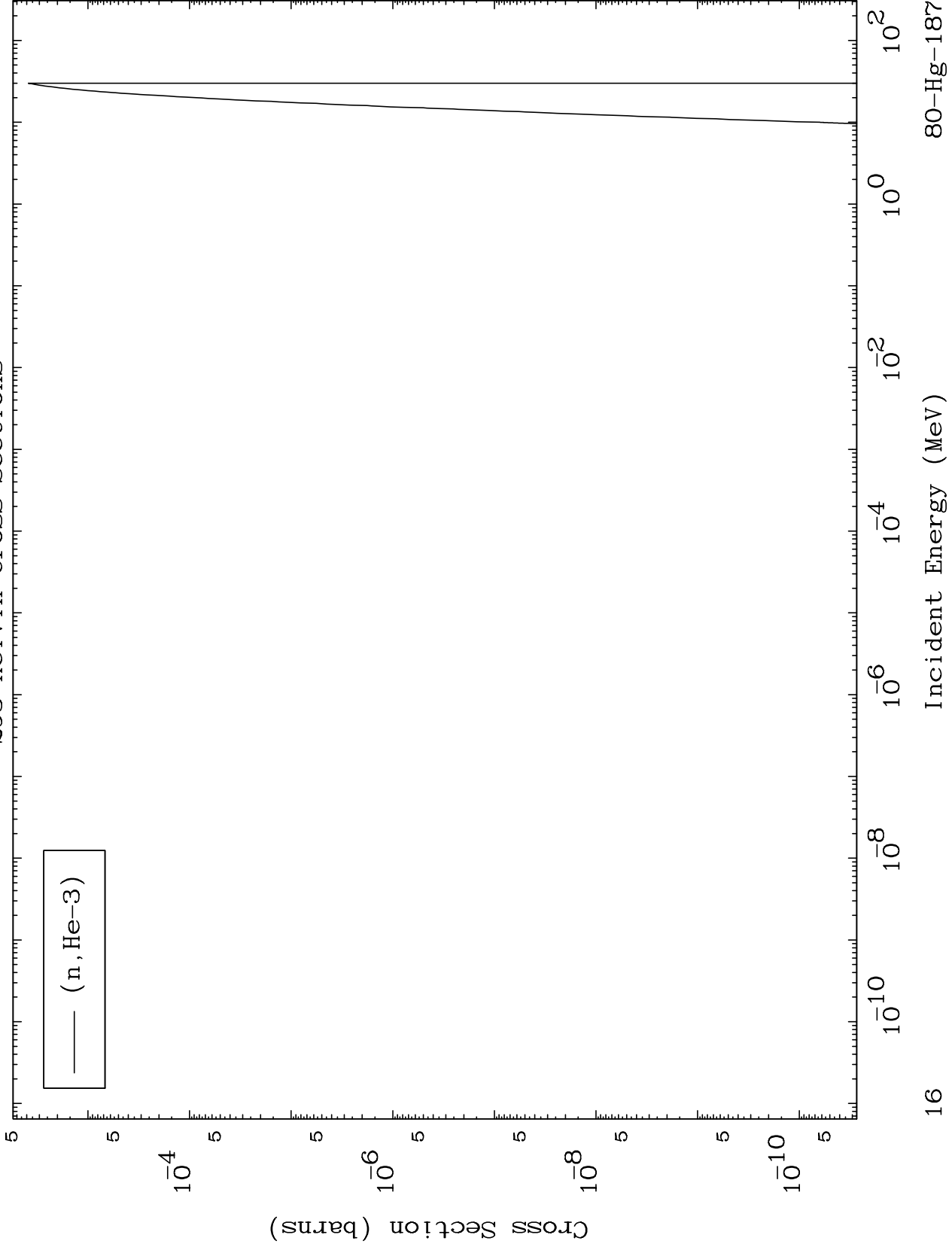
Incident Energy (MeV)

80-Hg-187

MAT 7998

(n,He3) Levels
293 Kelvin Cross Sections

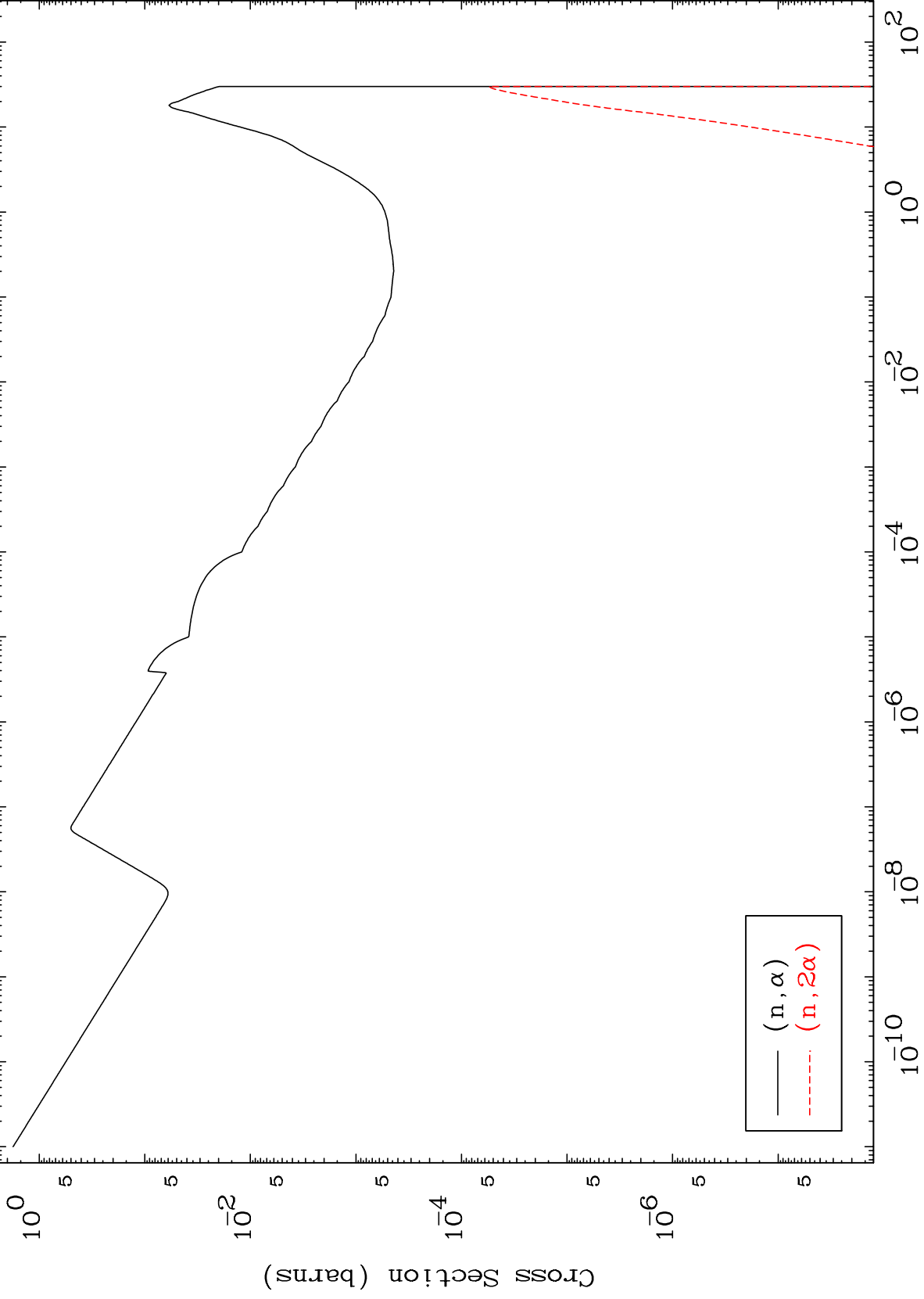
80-Hg-187

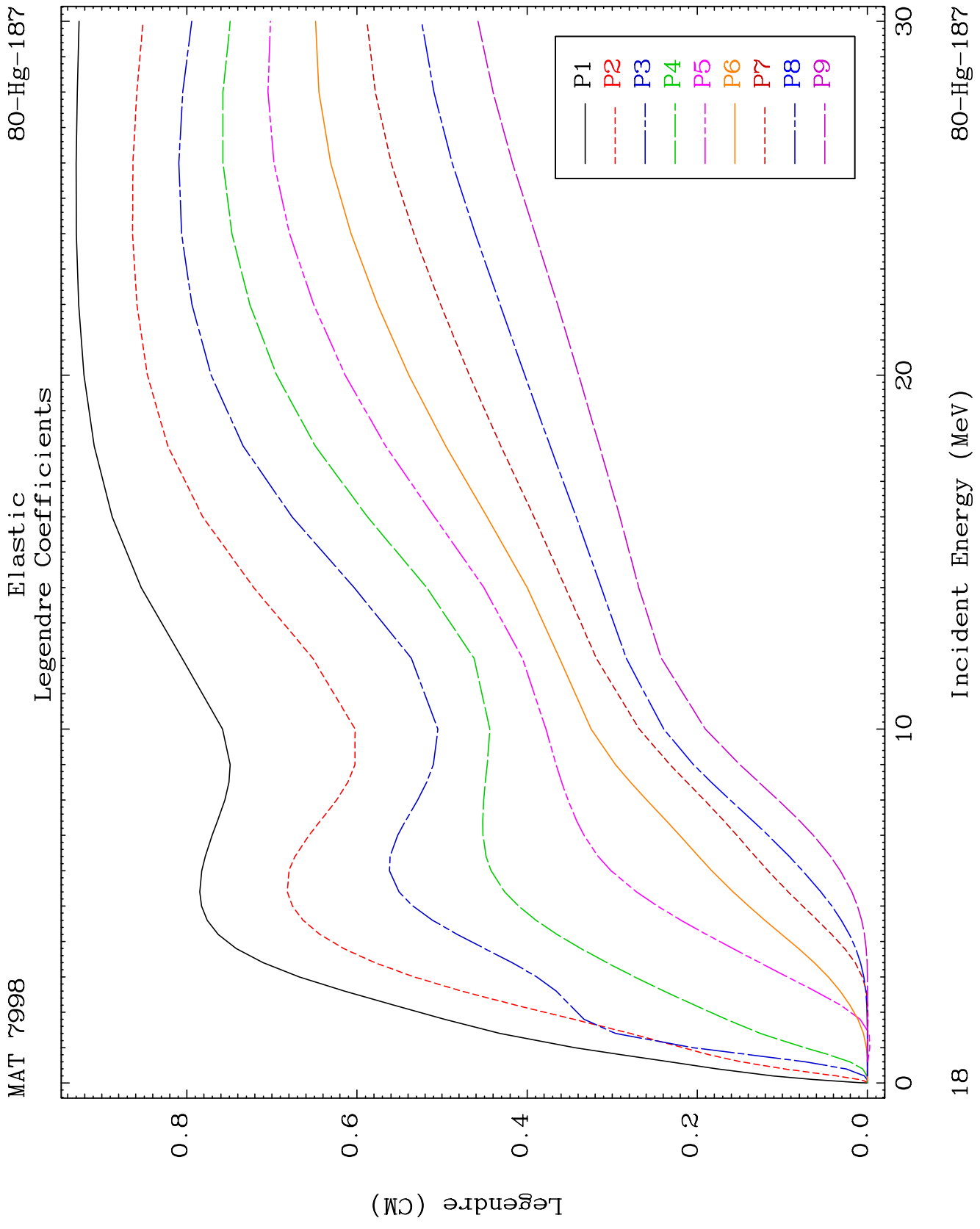


MAT 7998

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-187

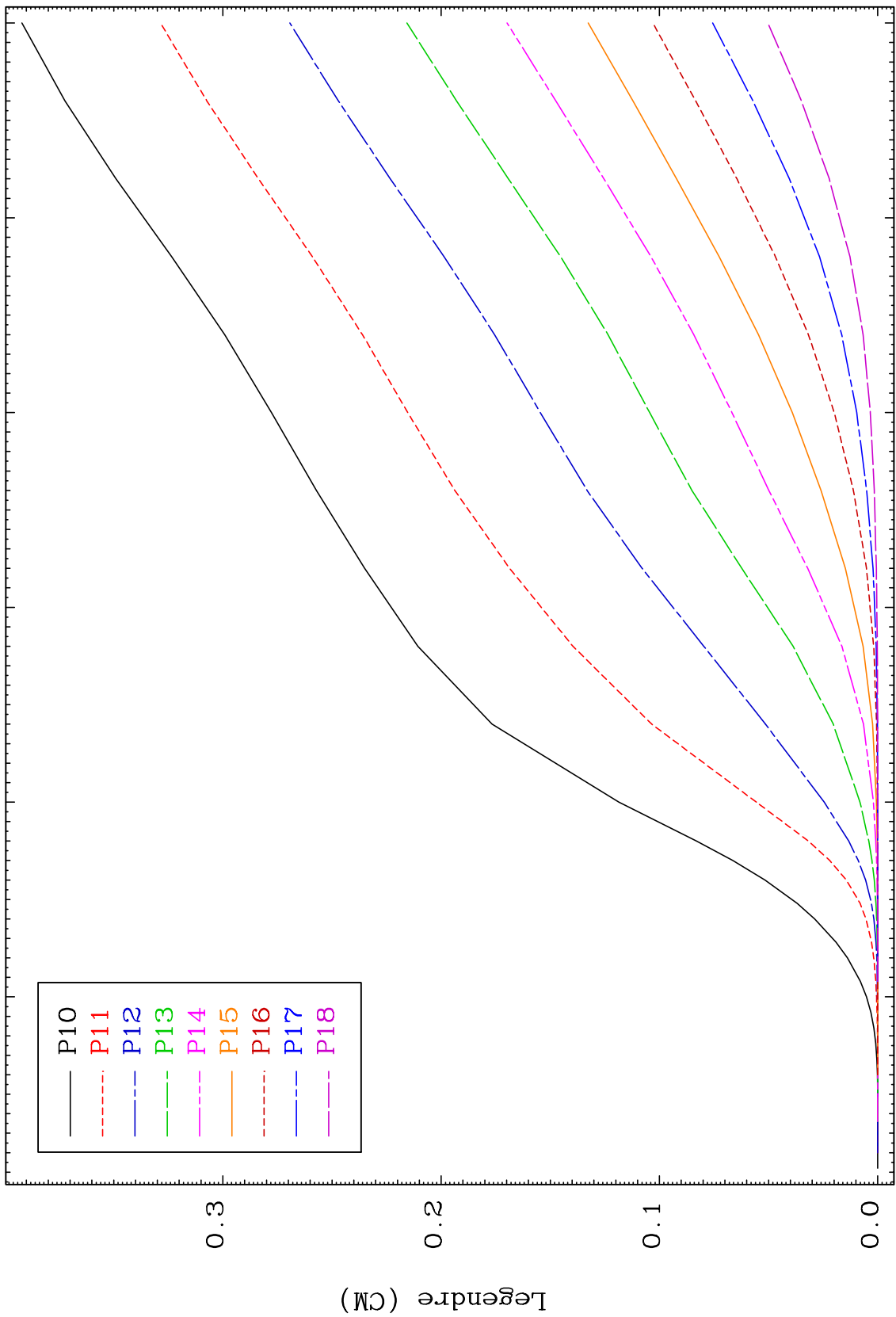




MAT 7998

Elastic Legendre Coefficients

80-Hg-187



19

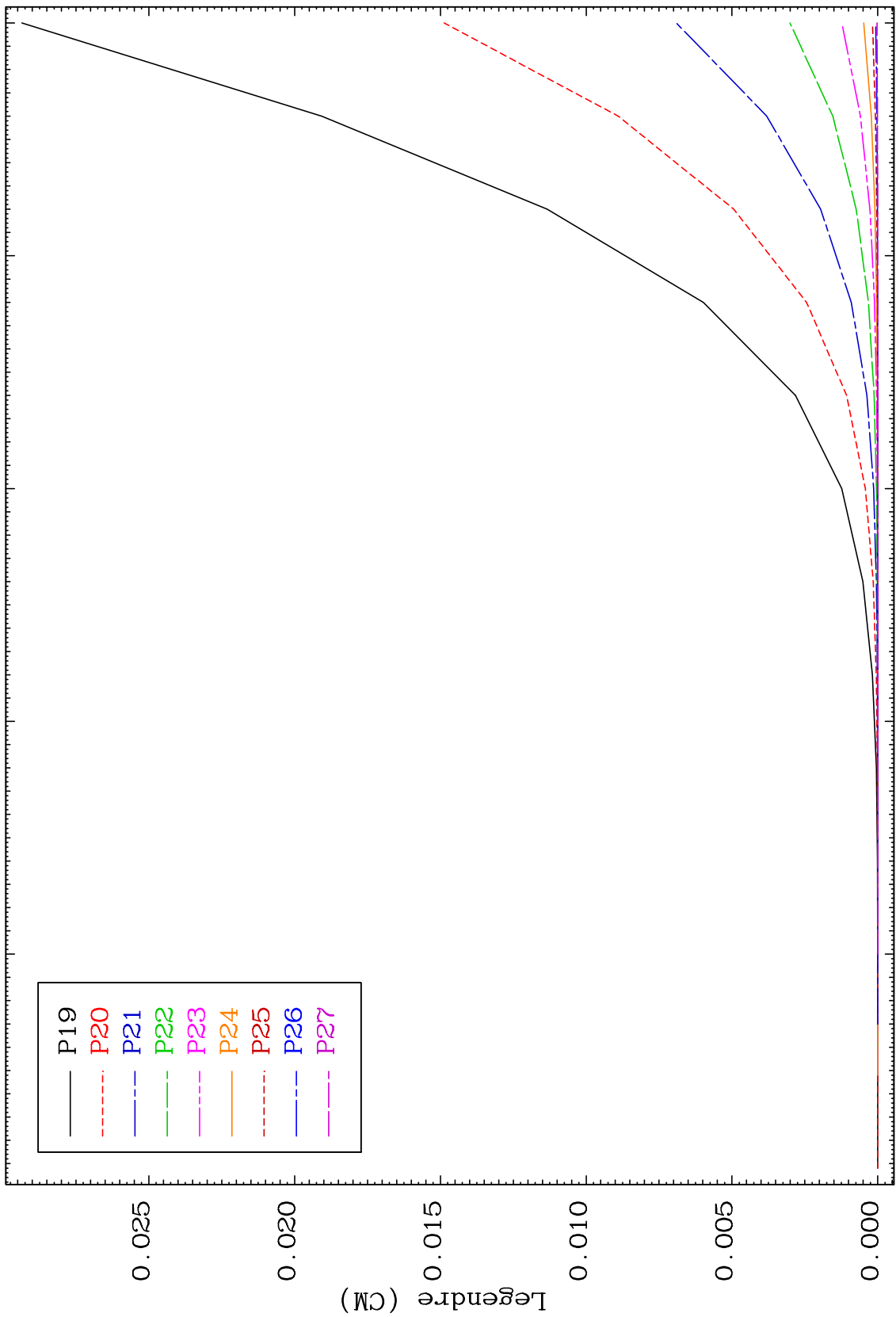
Incident Energy (MeV)

80-Hg-187

MAT 7998

Elastic Legendre Coefficients

80-Hg-187



20

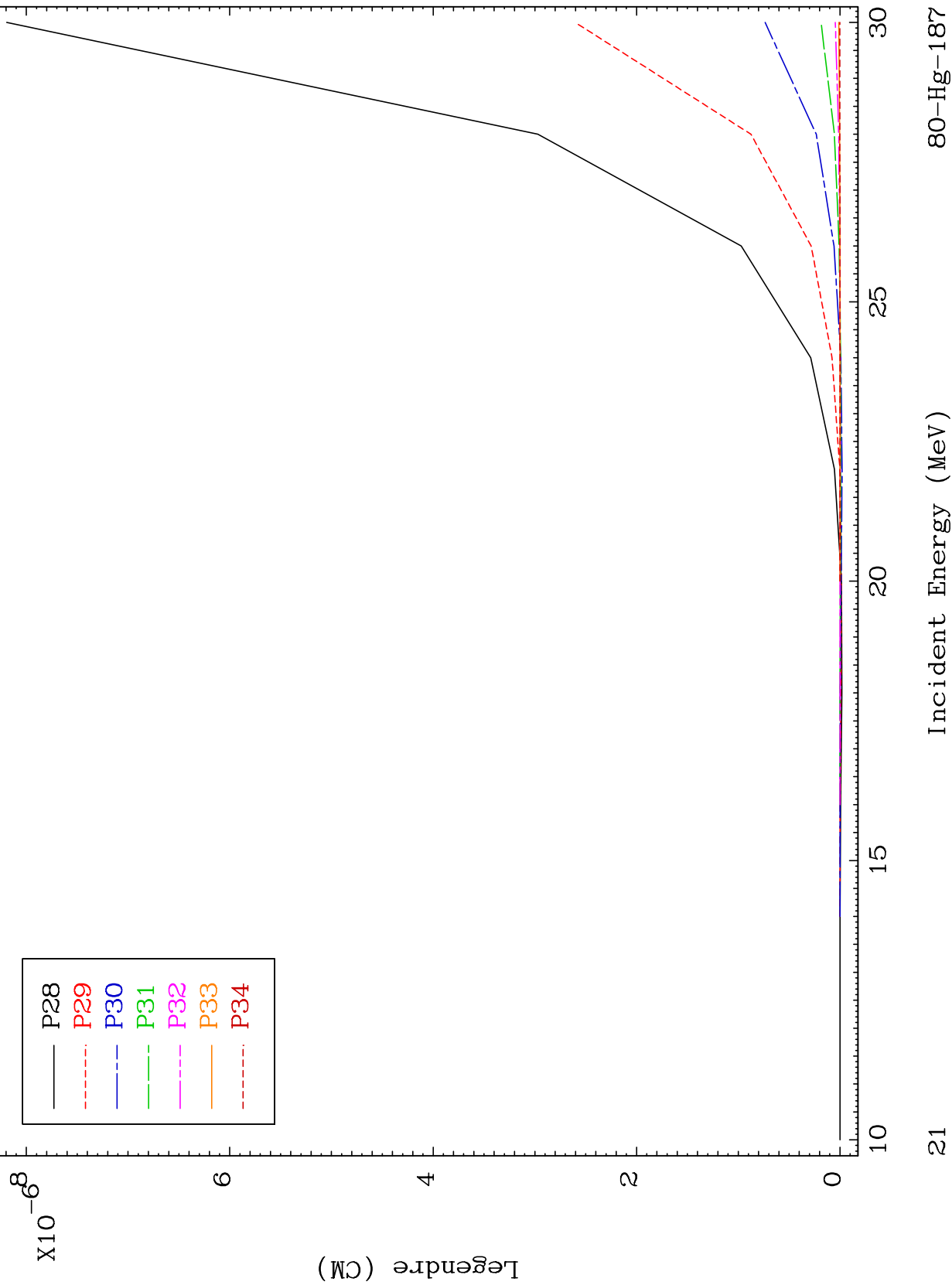
Incident Energy (MeV)

80-Hg-187

MAT 7998

Elastic Legendre Coefficients

80-Hg-187



21

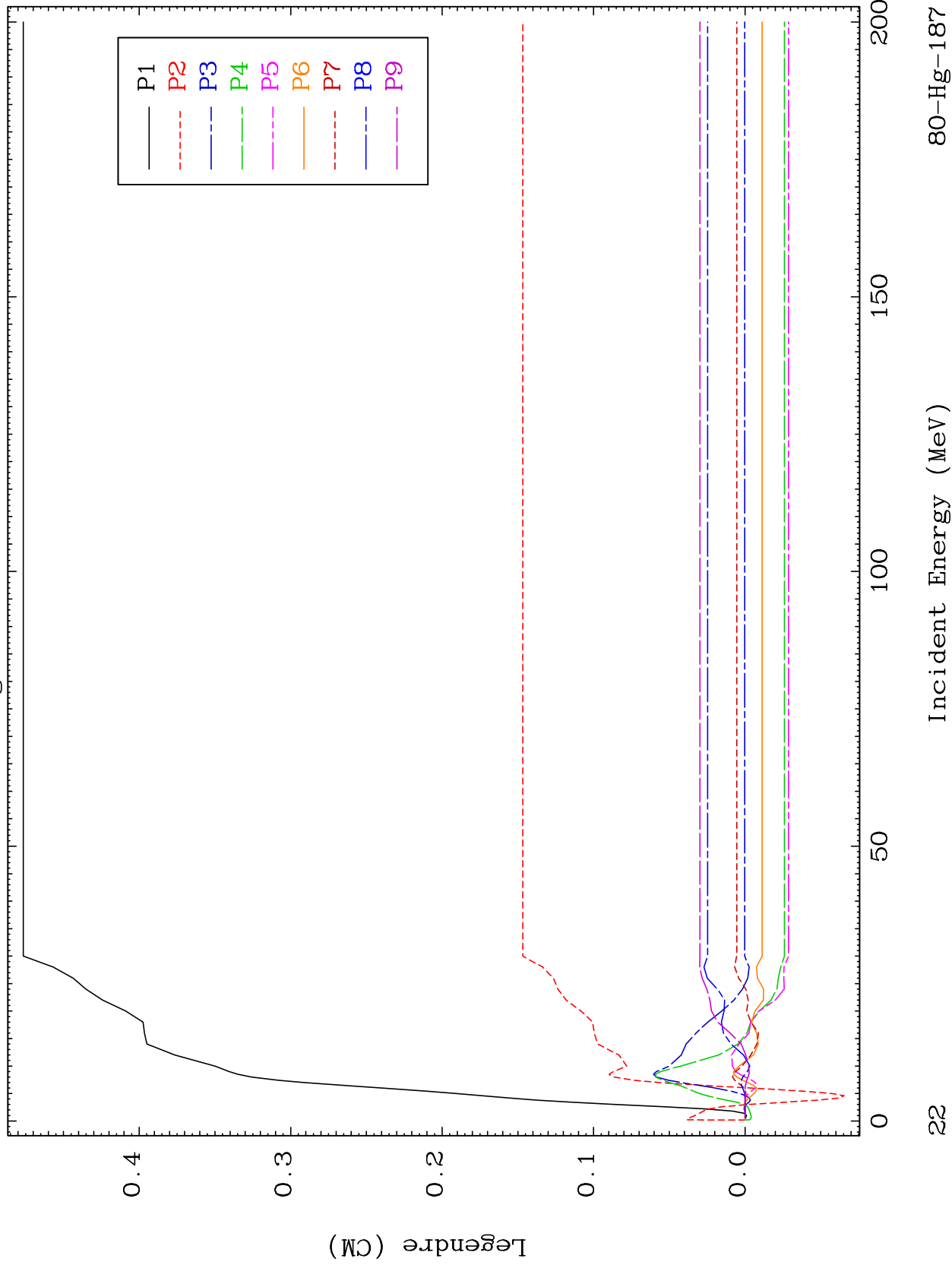
Incident Energy (MeV)

80-Hg-187

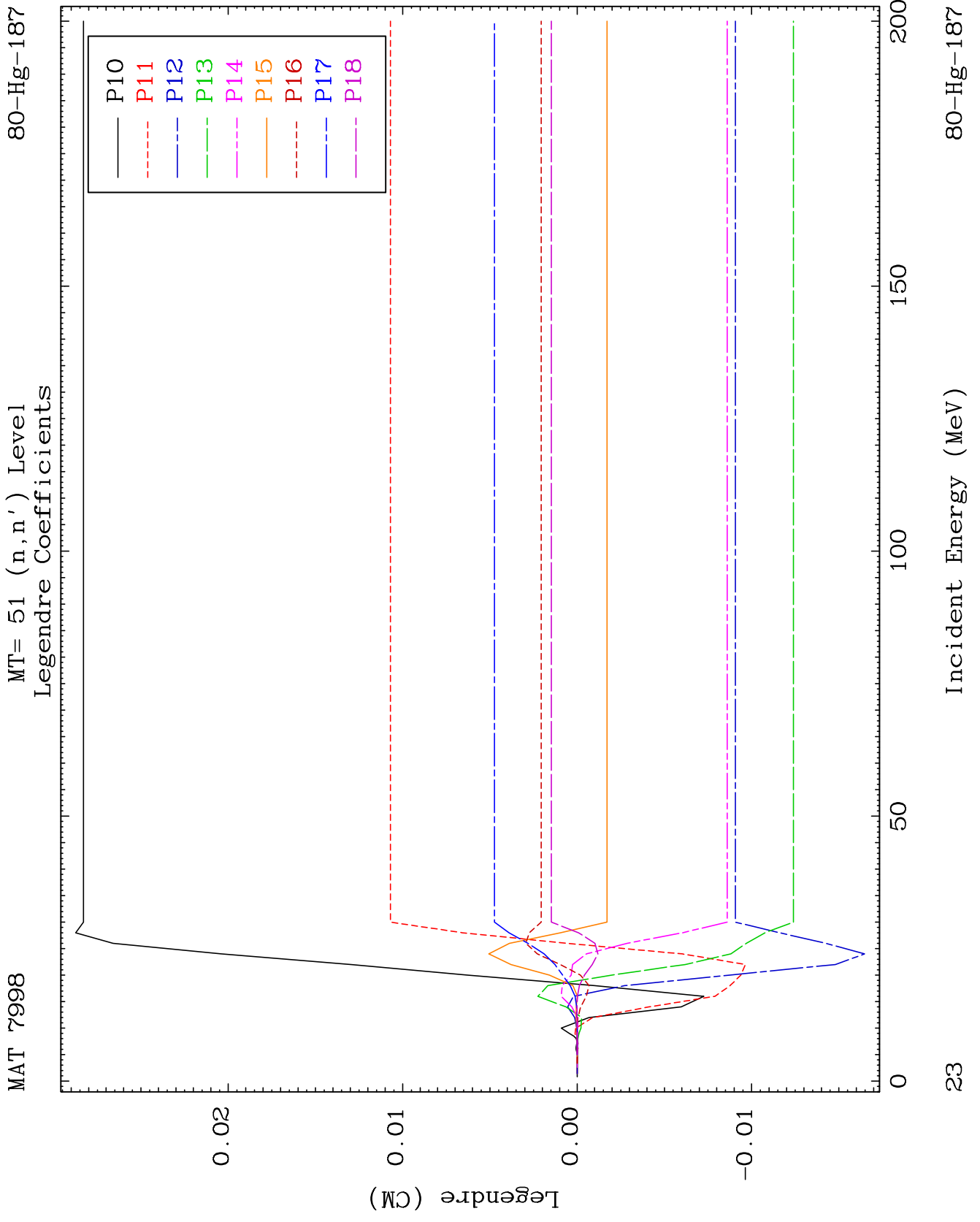
MAT 7998

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

80-Hg-187



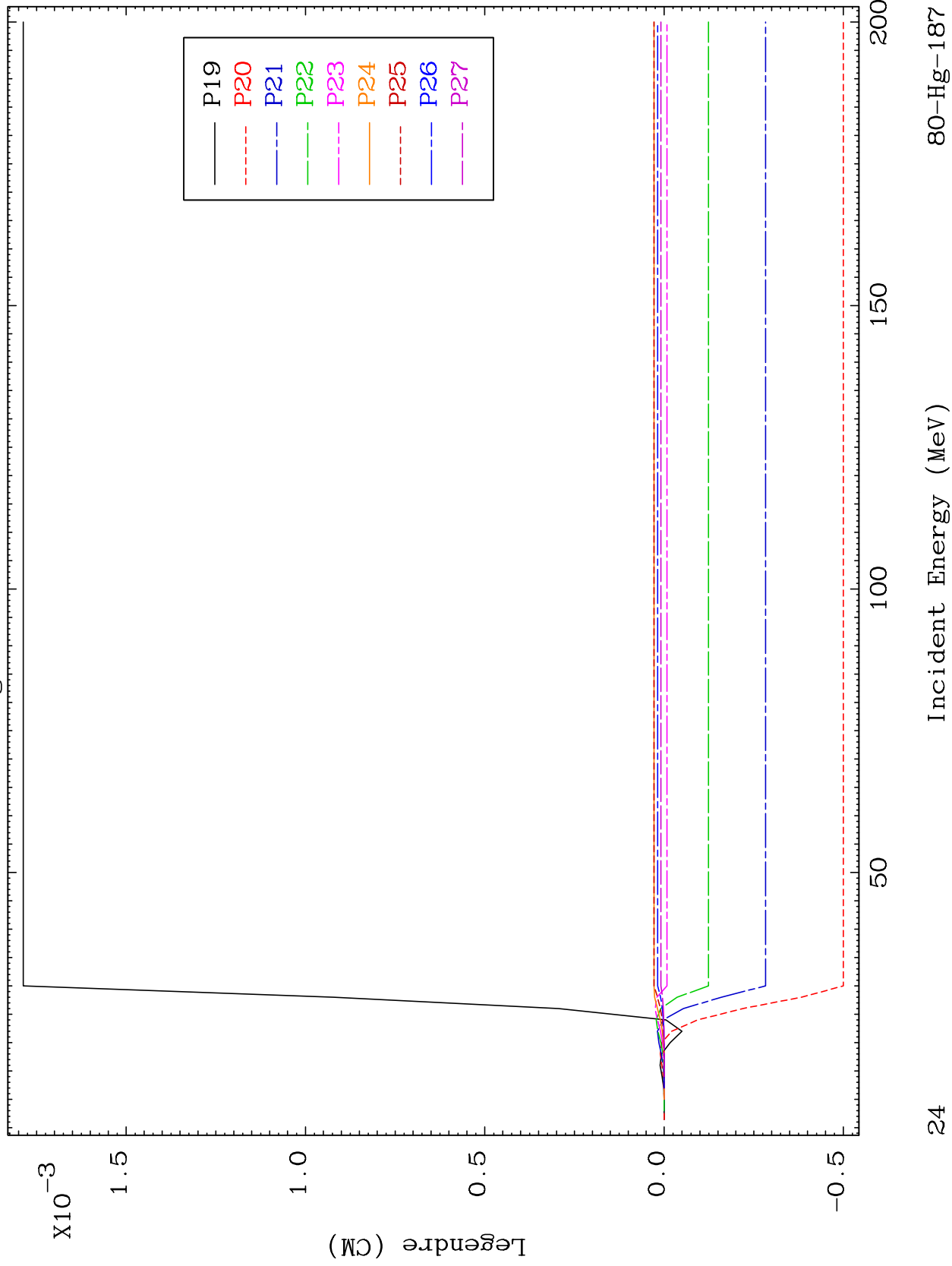
22



MAT 7998

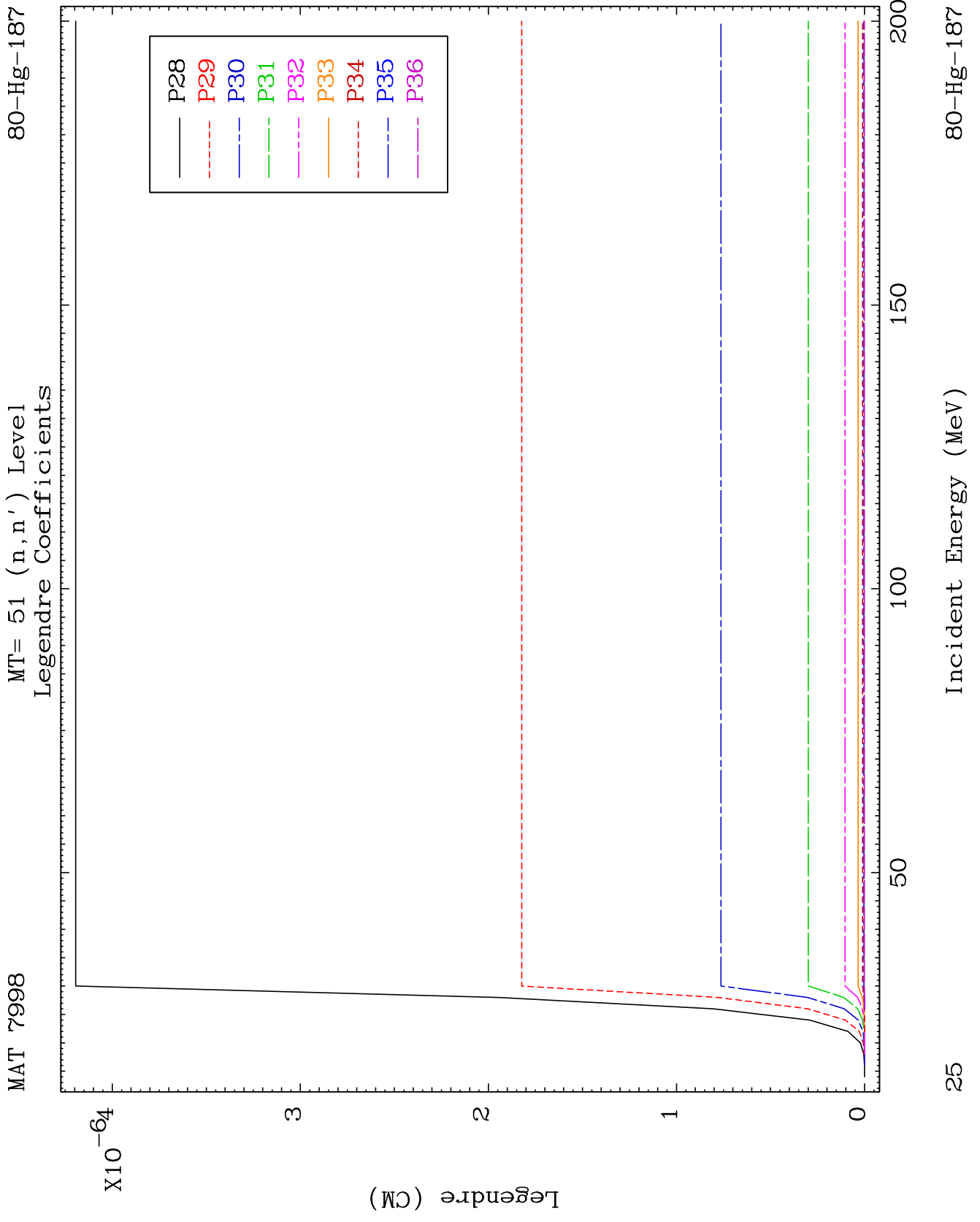
MT= 51 (n,n') Level
Legendre Coefficients

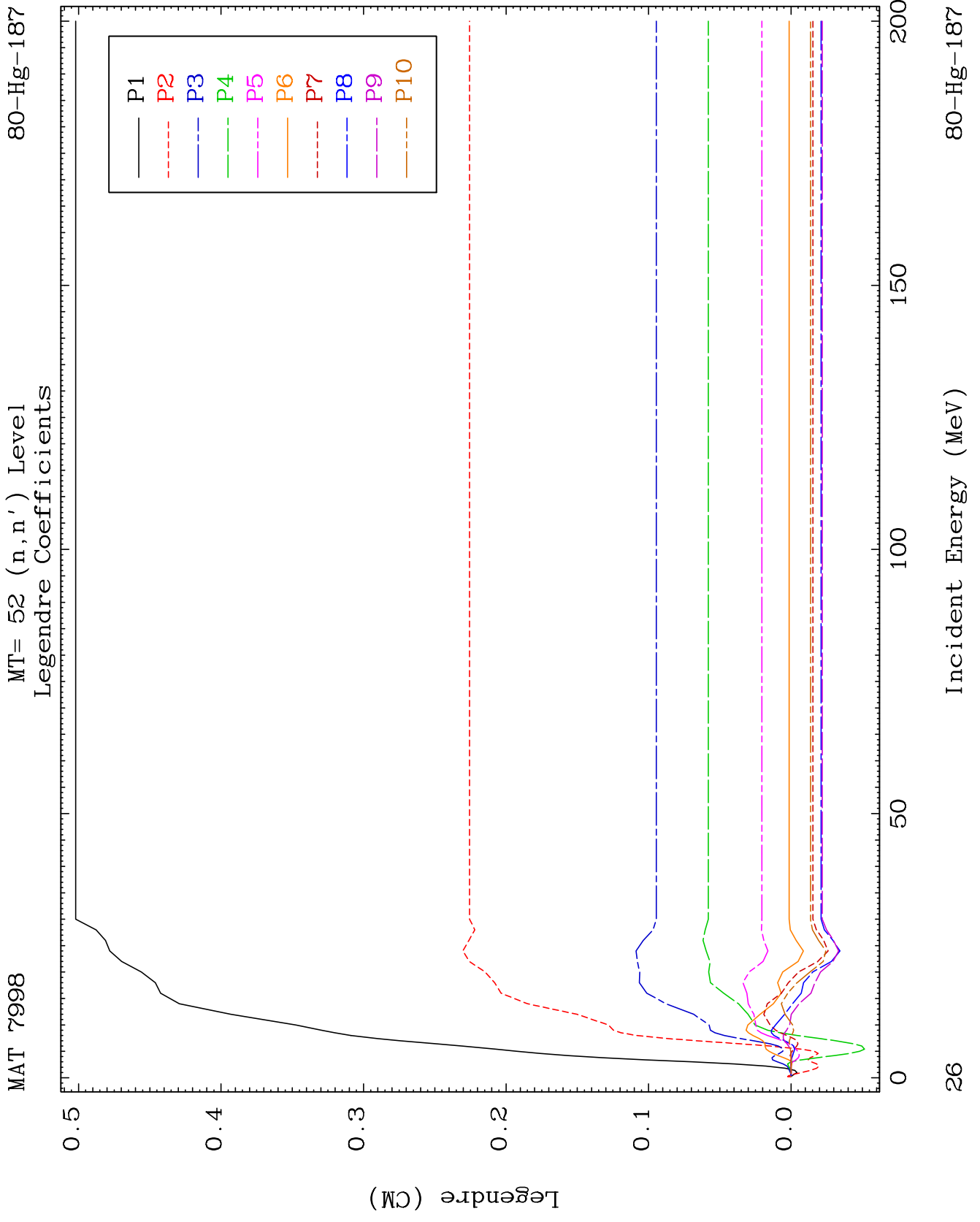
80-Hg-187



24

80-Hg-187

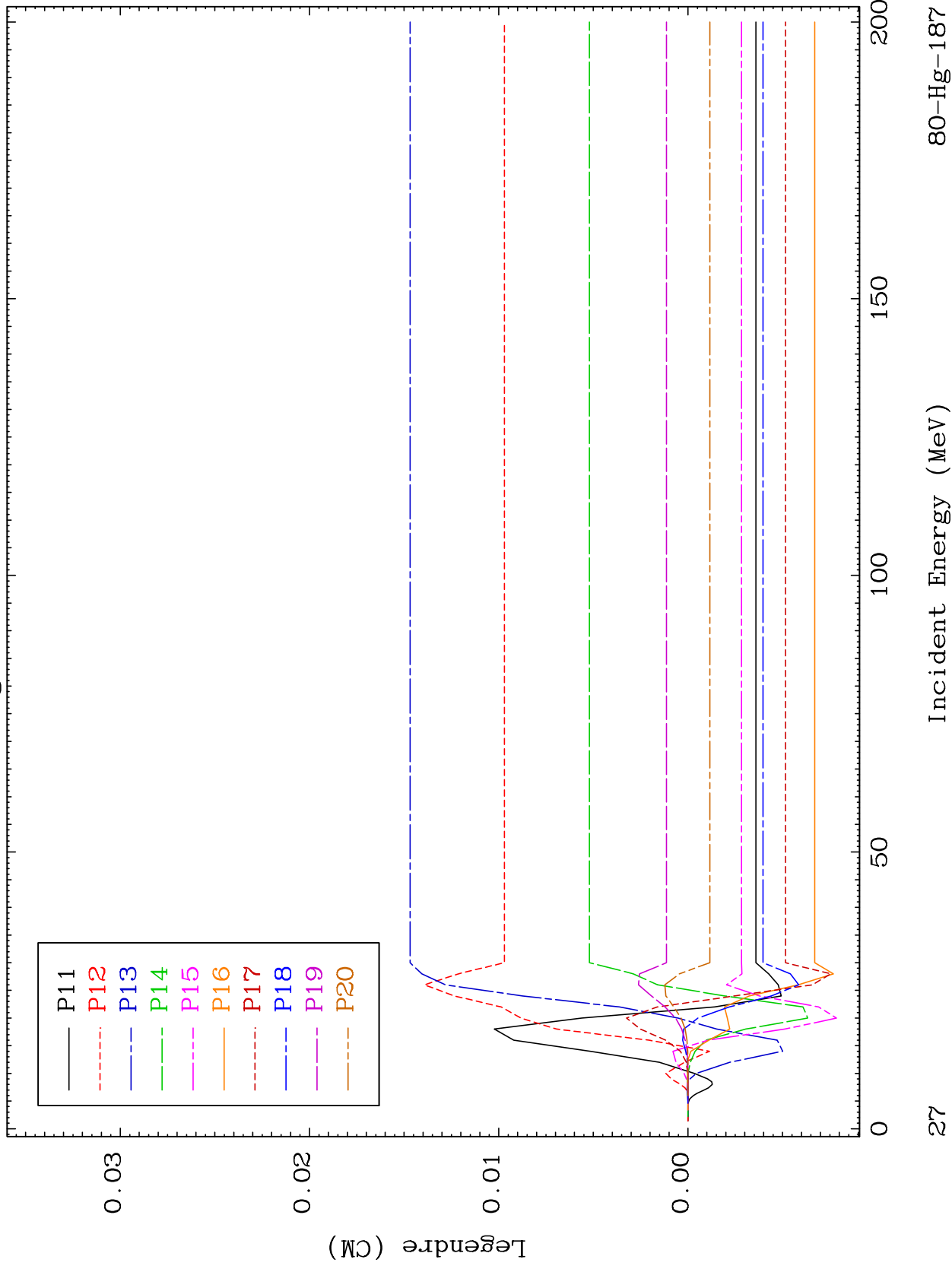




MAT 7998

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

80-Hg-187



27

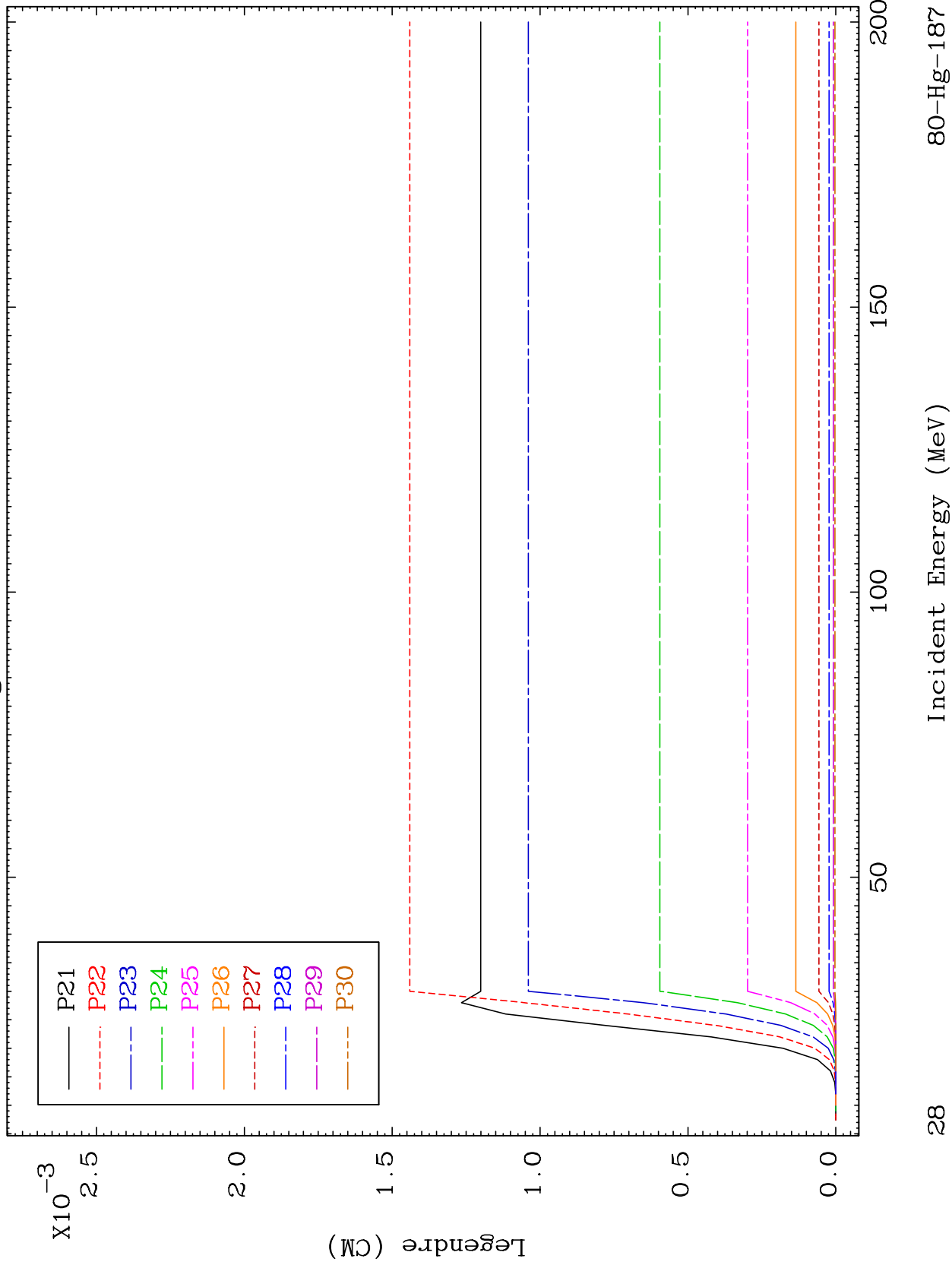
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187

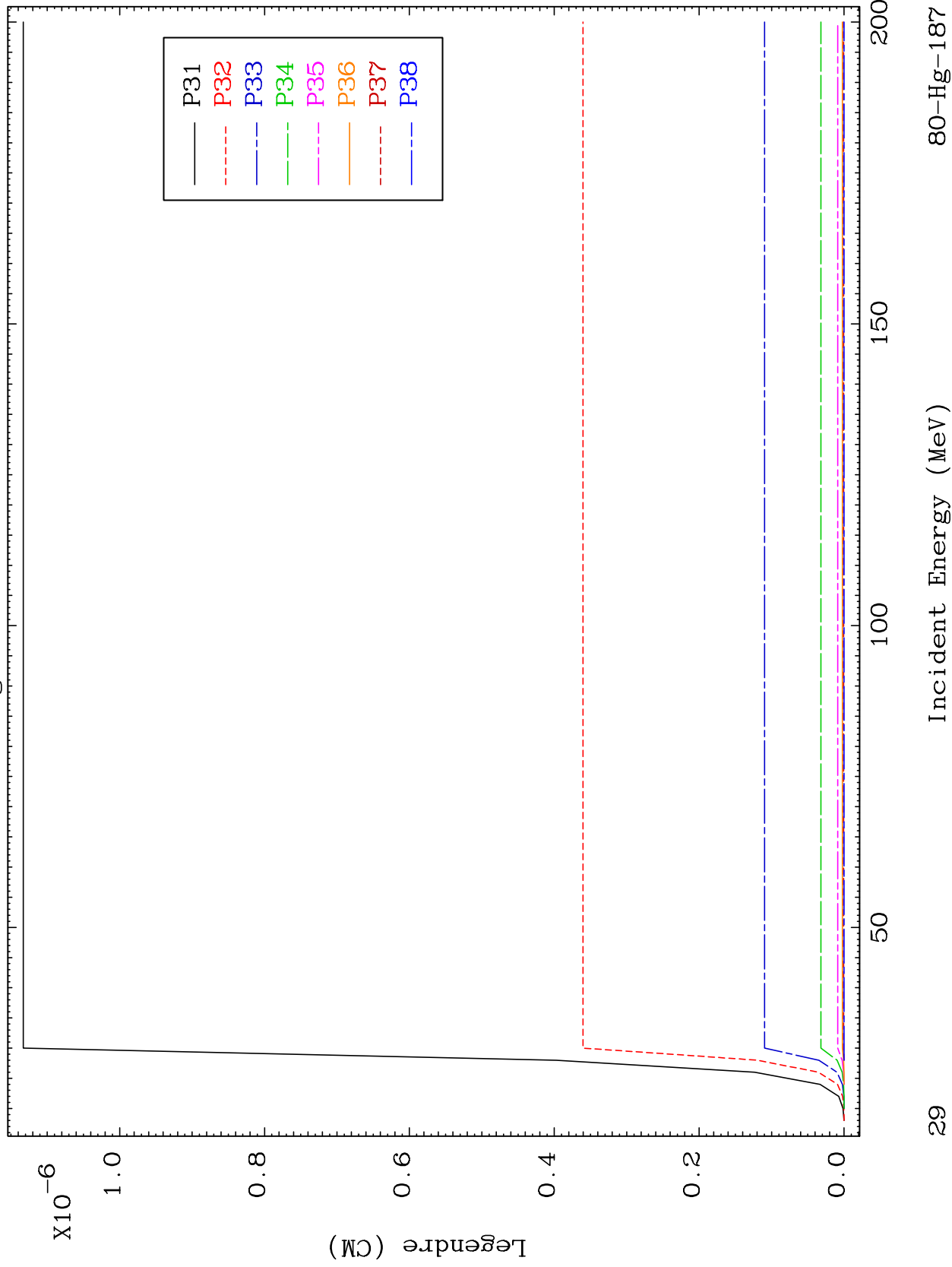


28

MAT 7998

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

80-Hg-187

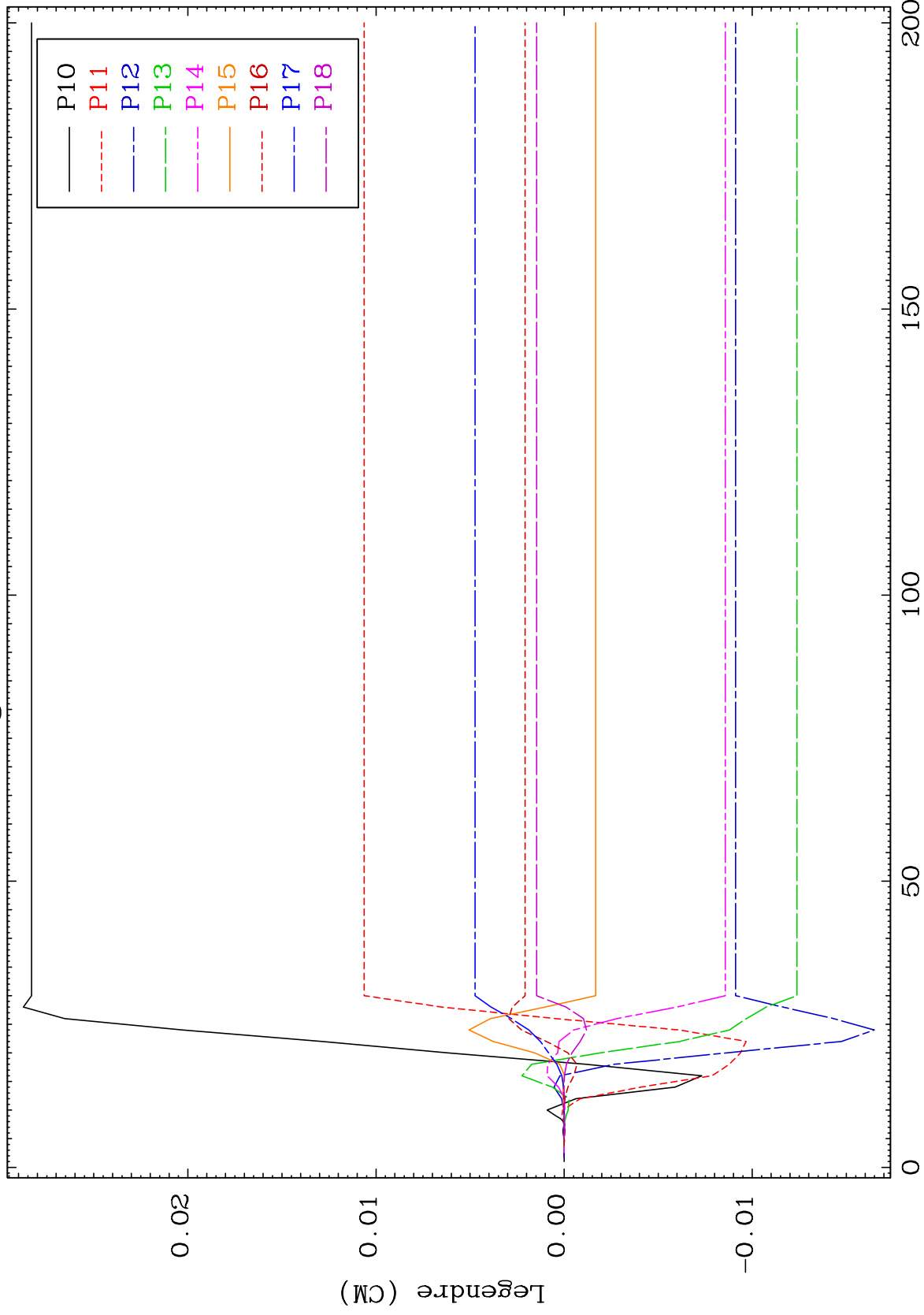


29

MAT 7998

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

80-Hg-187



31

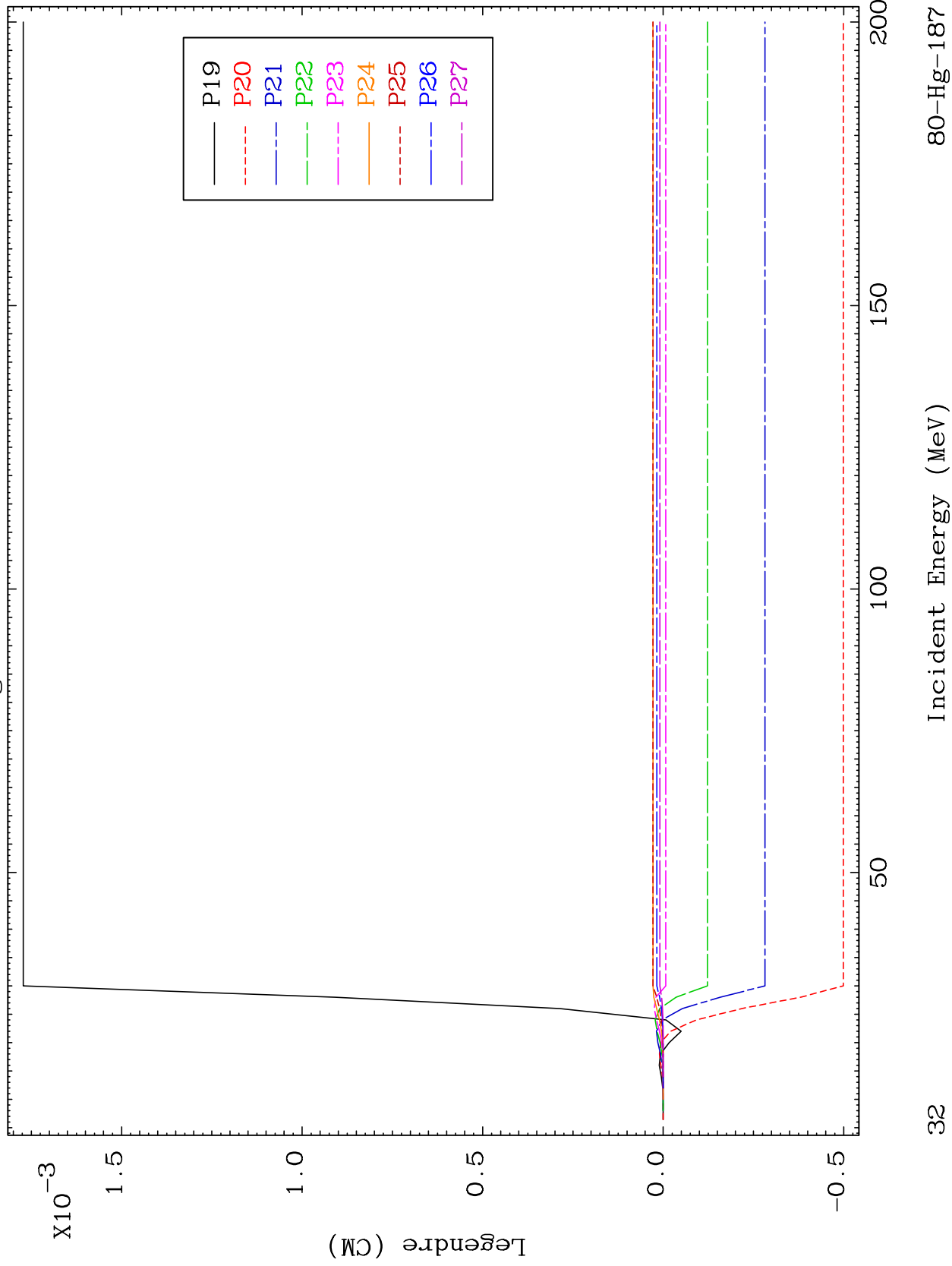
Incident Energy (MeV)

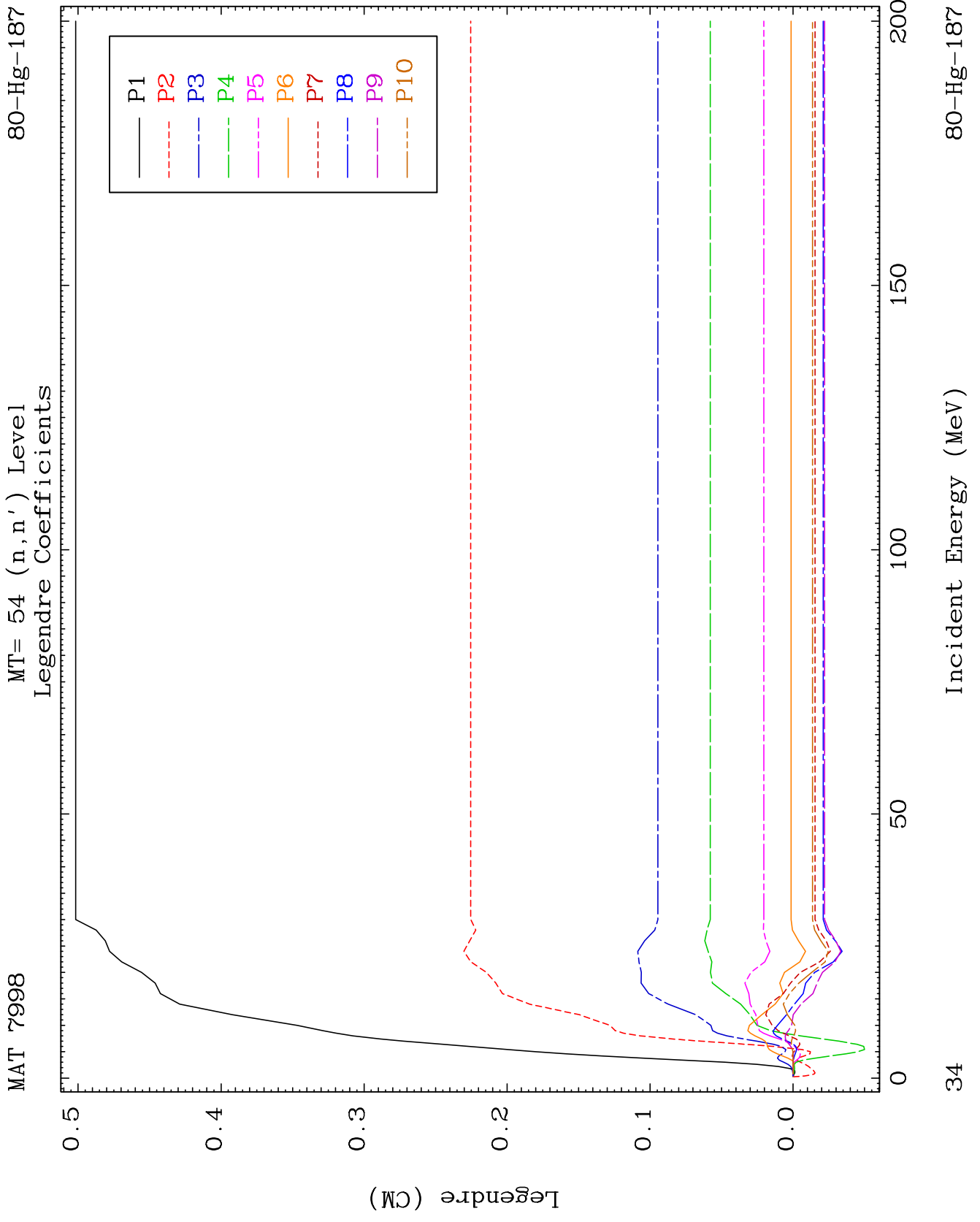
80-Hg-187

MAT 7998

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

80-Hg-187

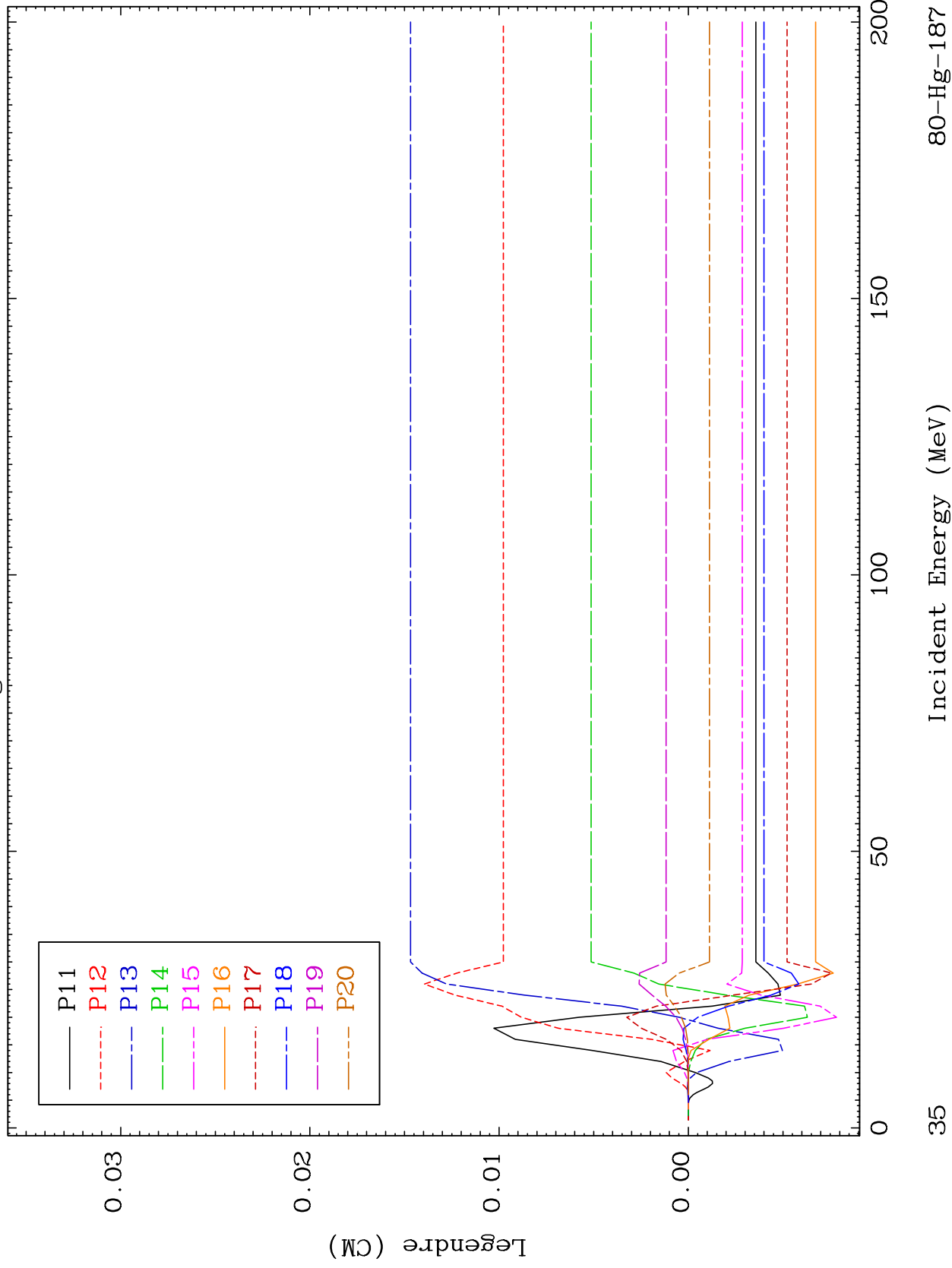




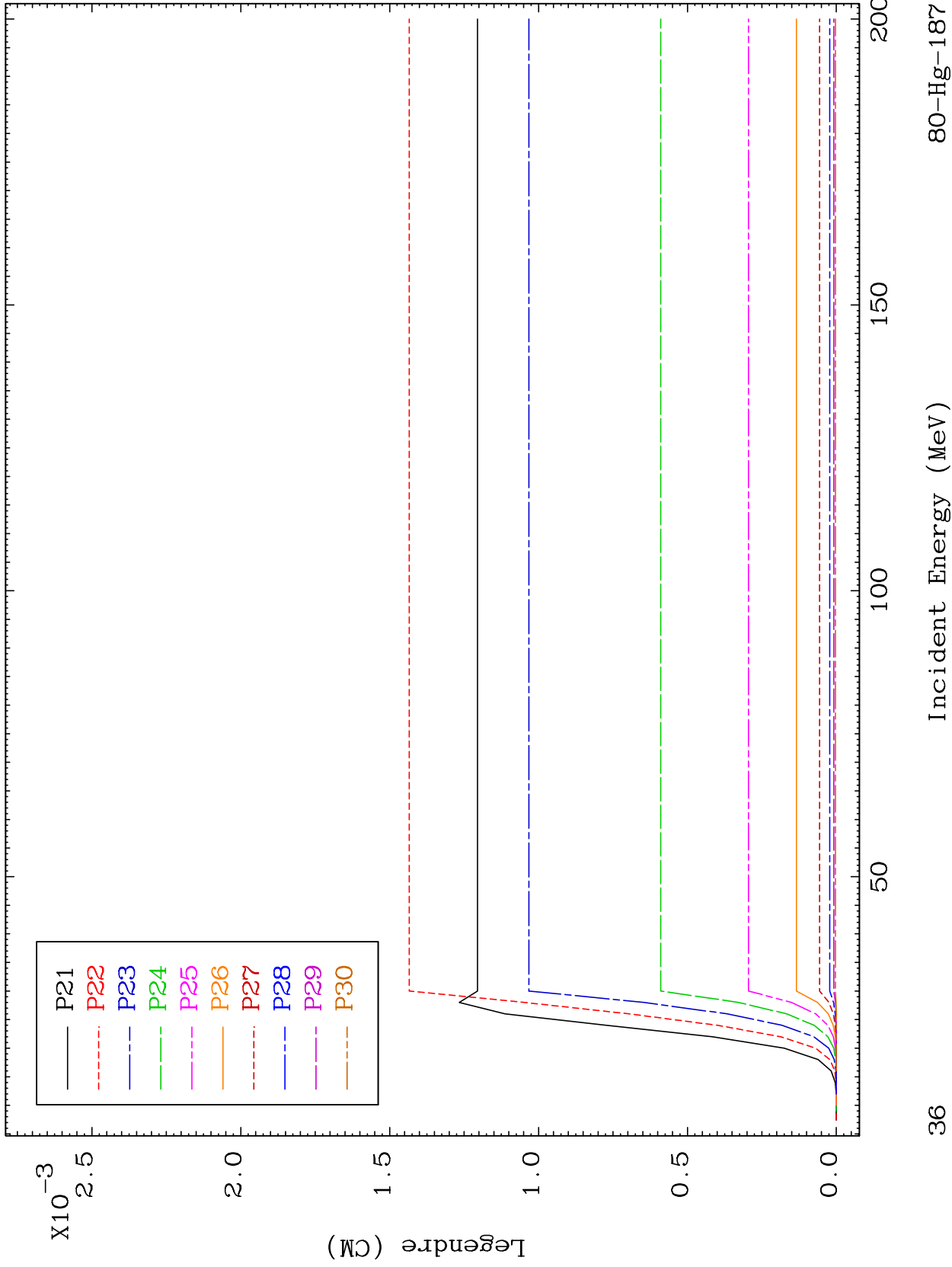
MAT 7998

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

80-Hg-187



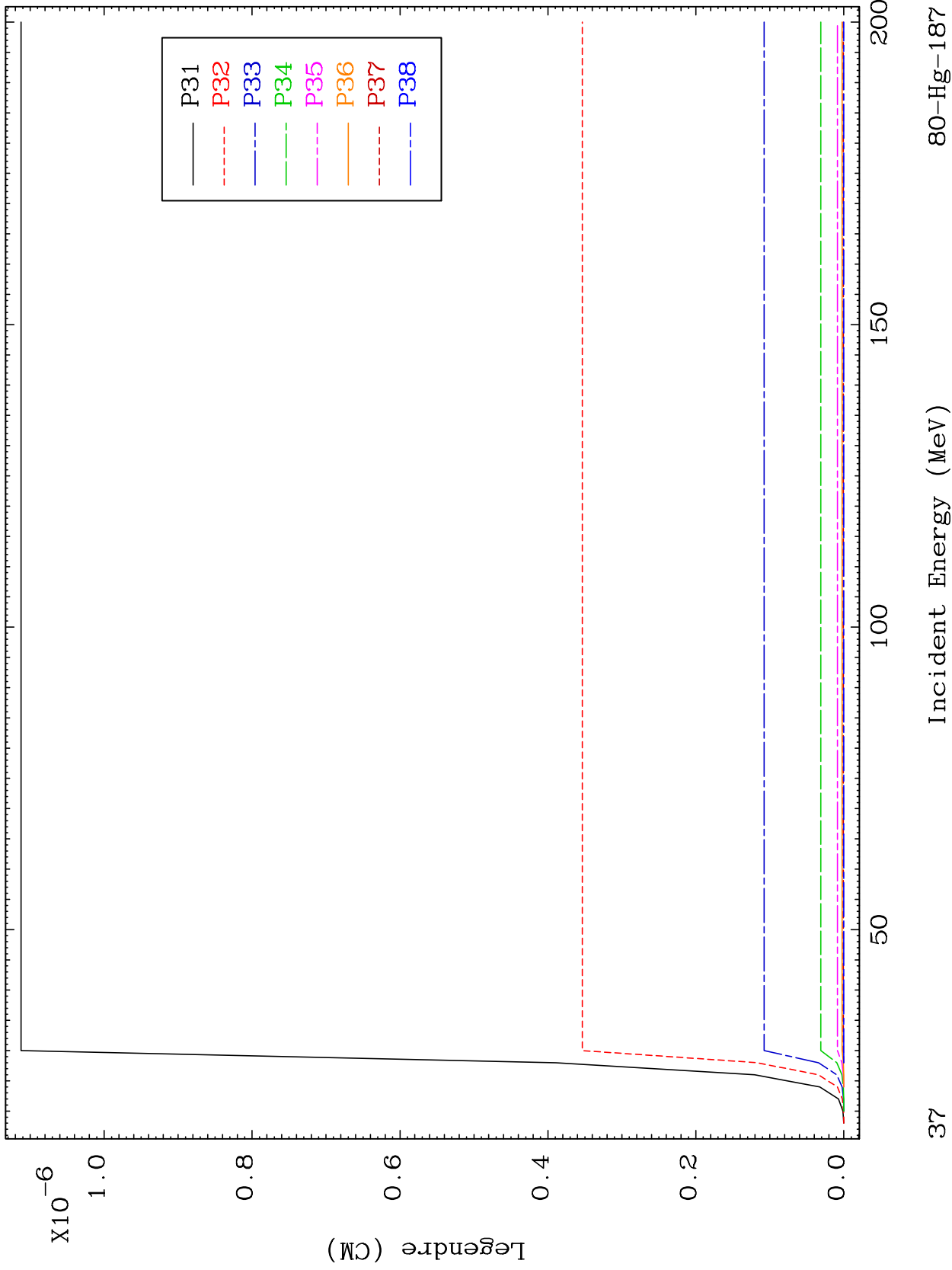
35

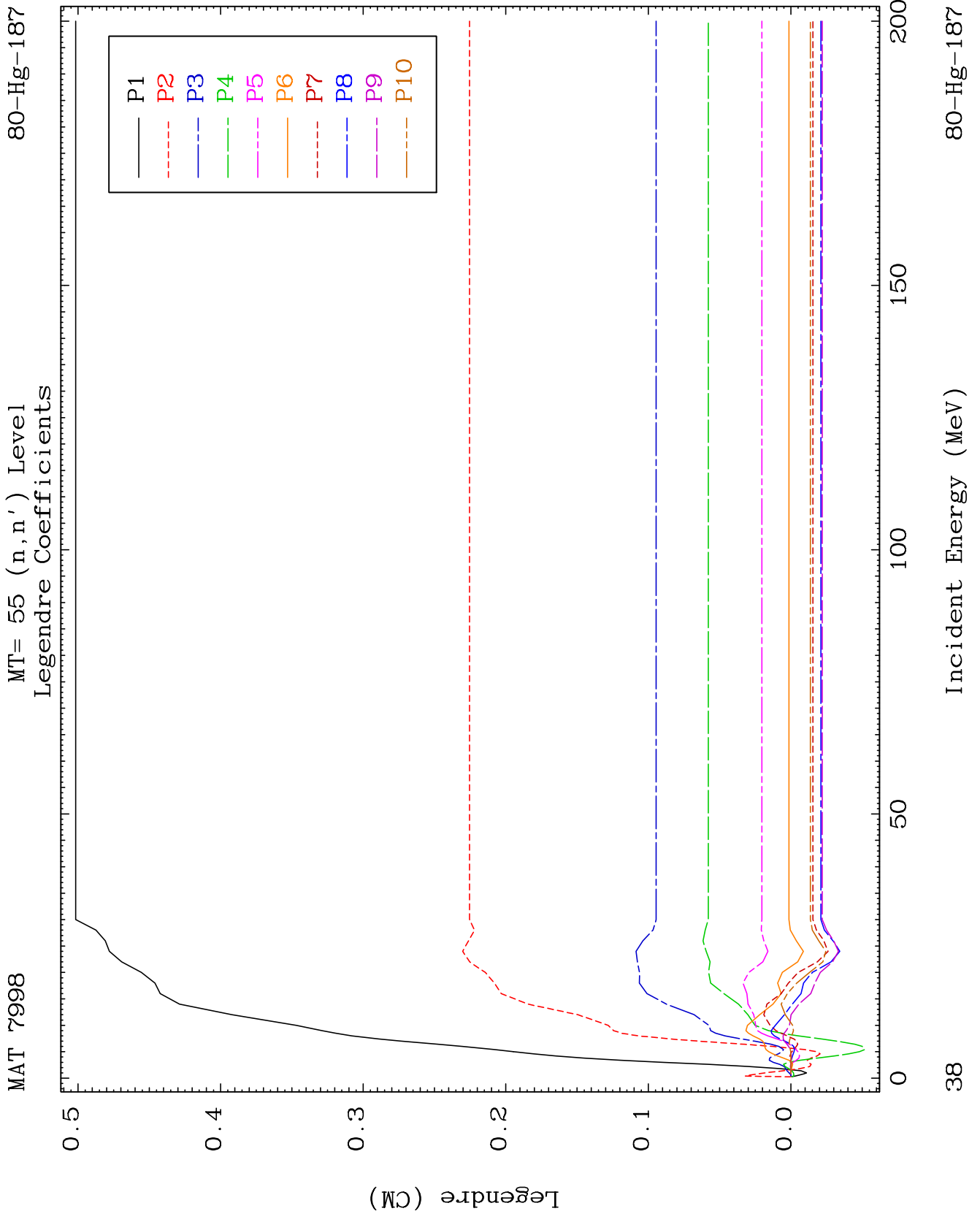


MAT 7998

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

80-Hg-187

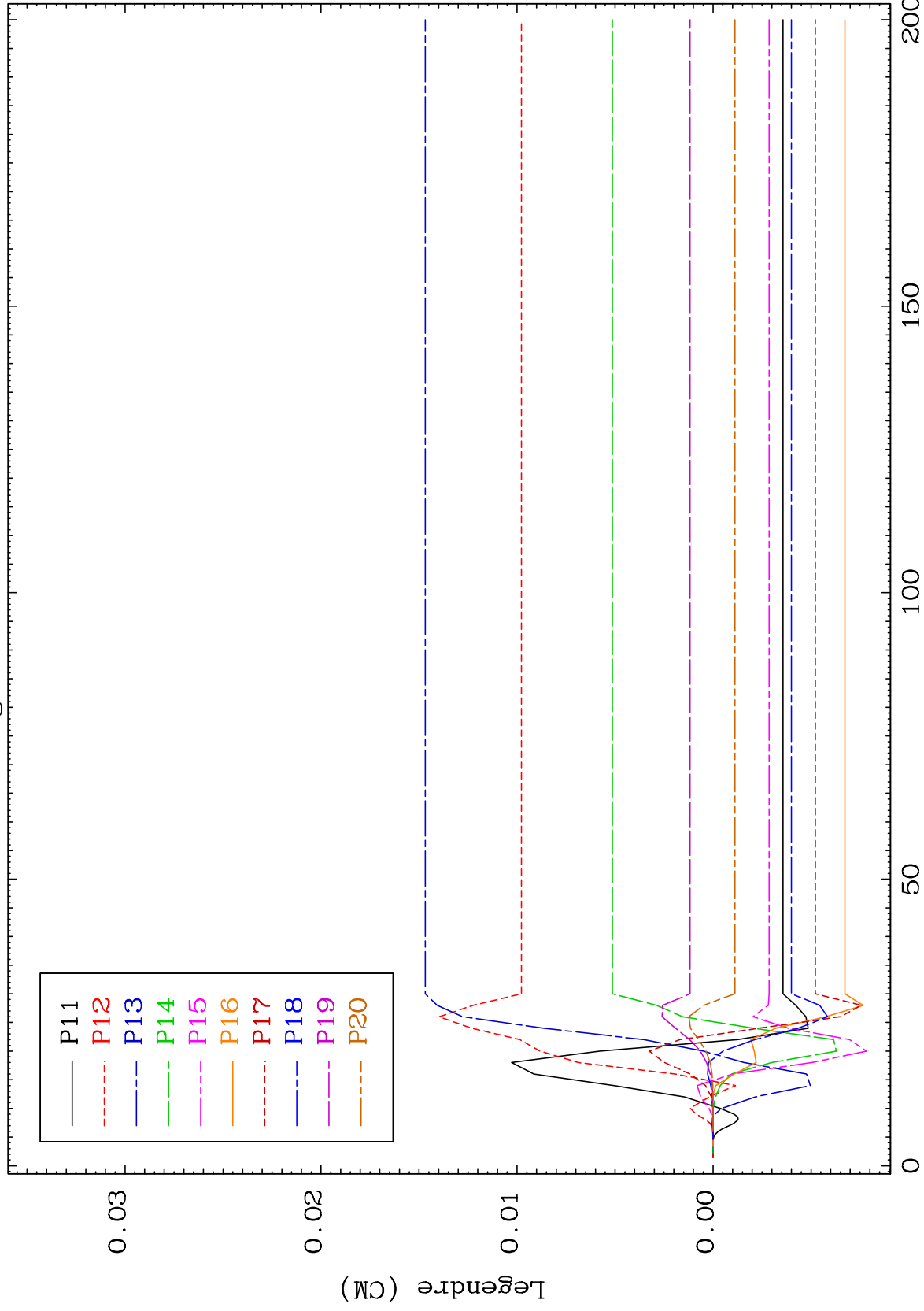




MAT 7998

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

80-Hg-187



39

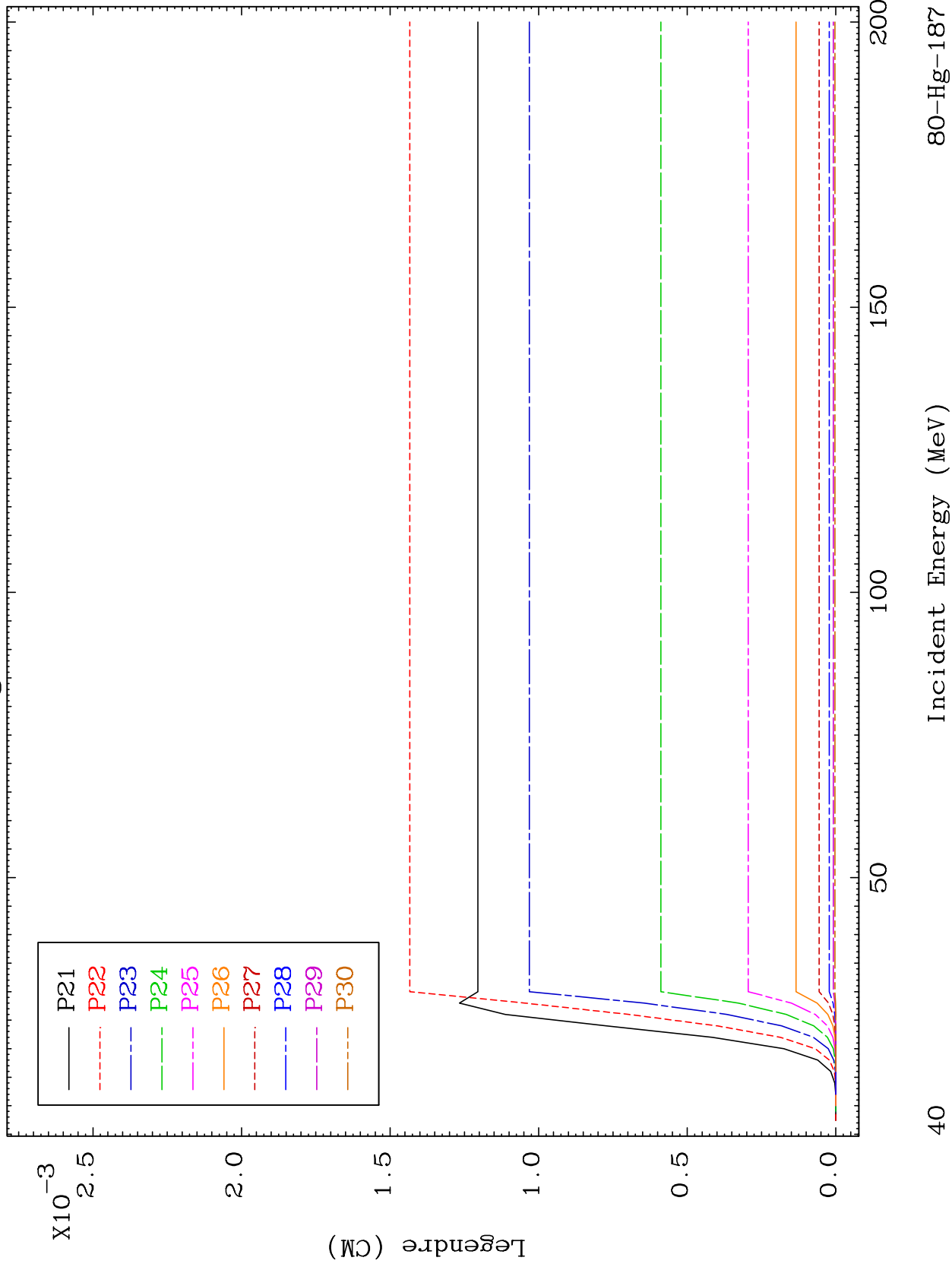
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



80-Hg-187

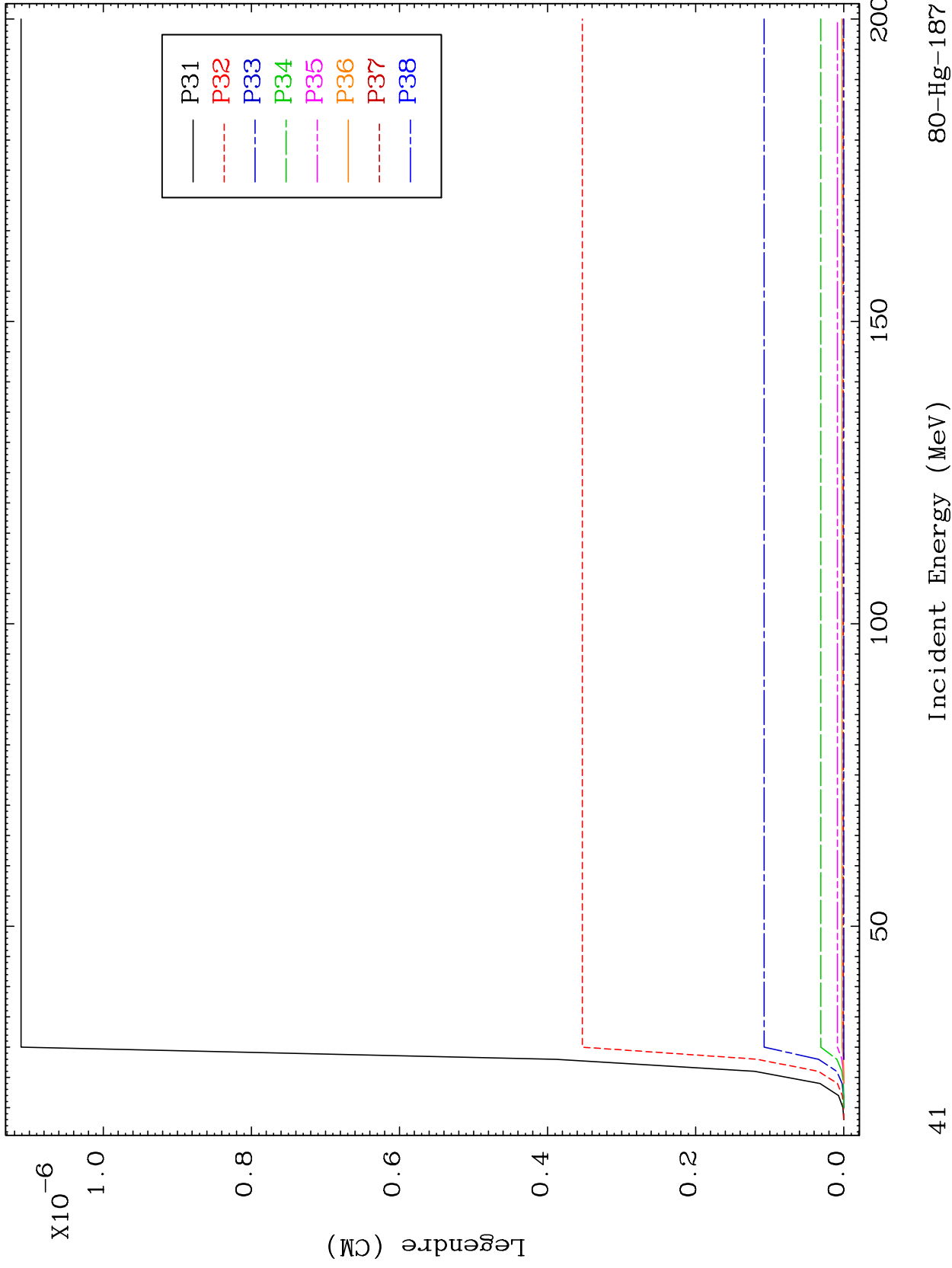
Incident Energy (MeV)

40

MAT 7998

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

80-Hg-187



41

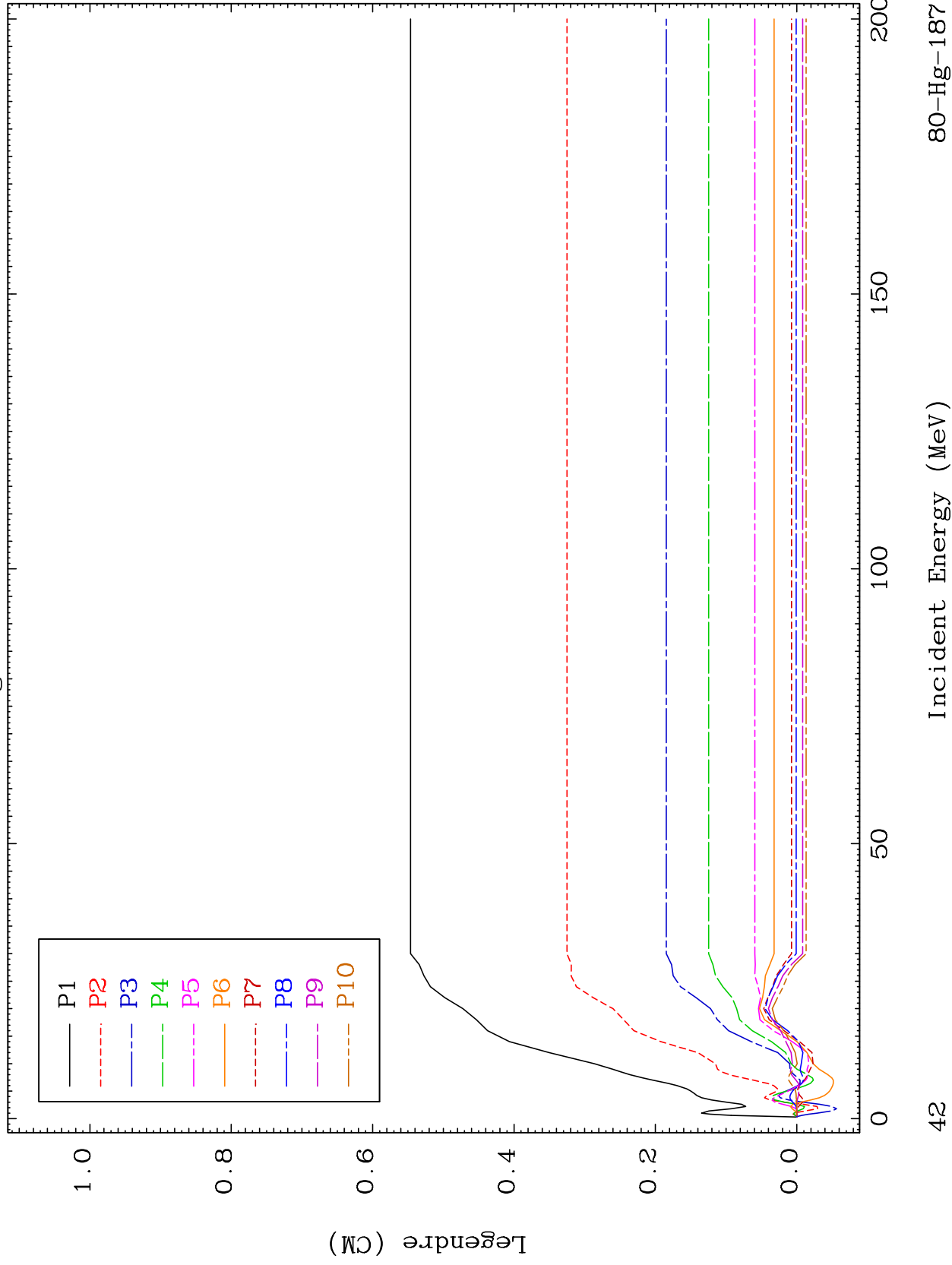
Incident Energy (MeV)

80-Hg-187

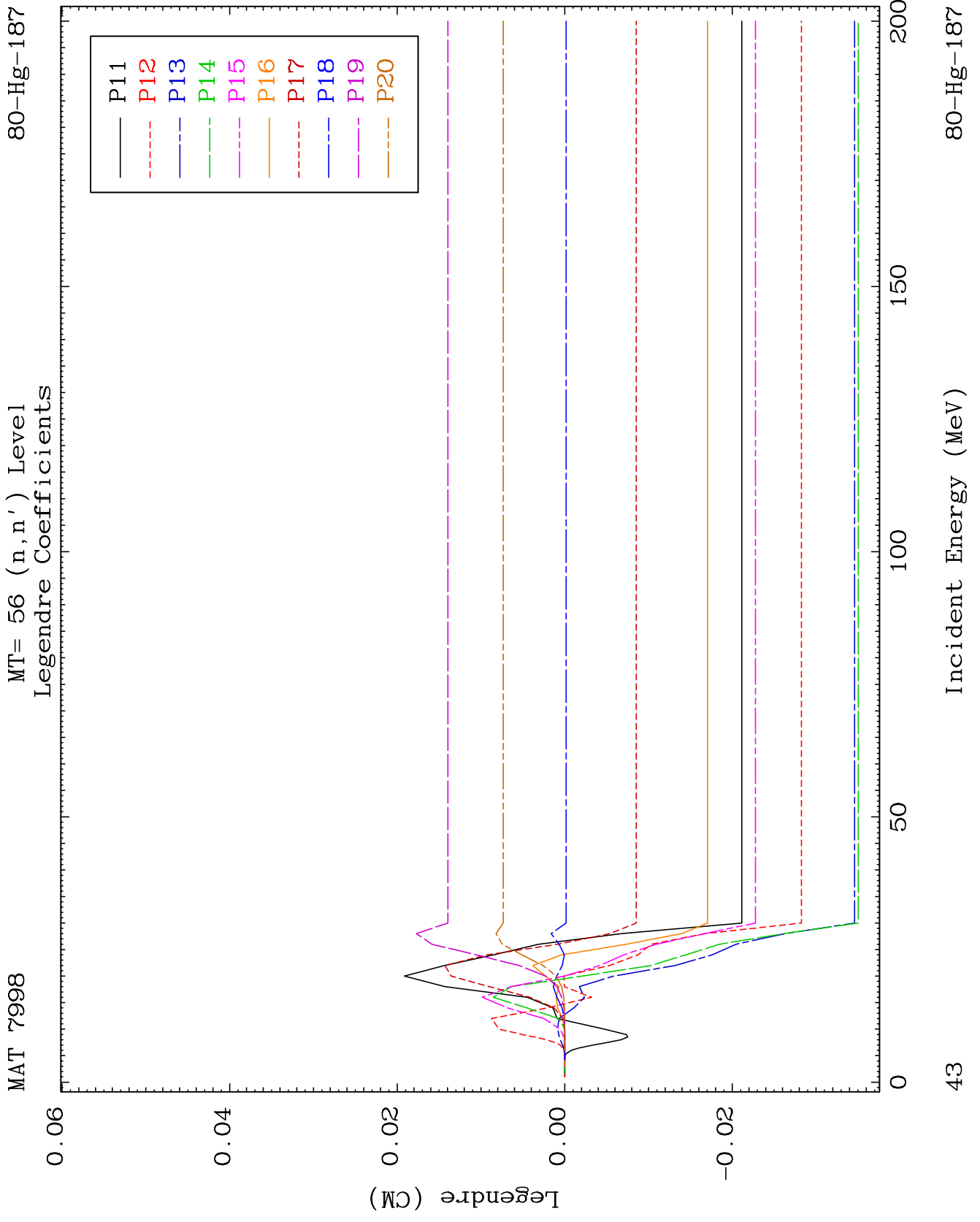
MAT 7998

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

80-Hg-187



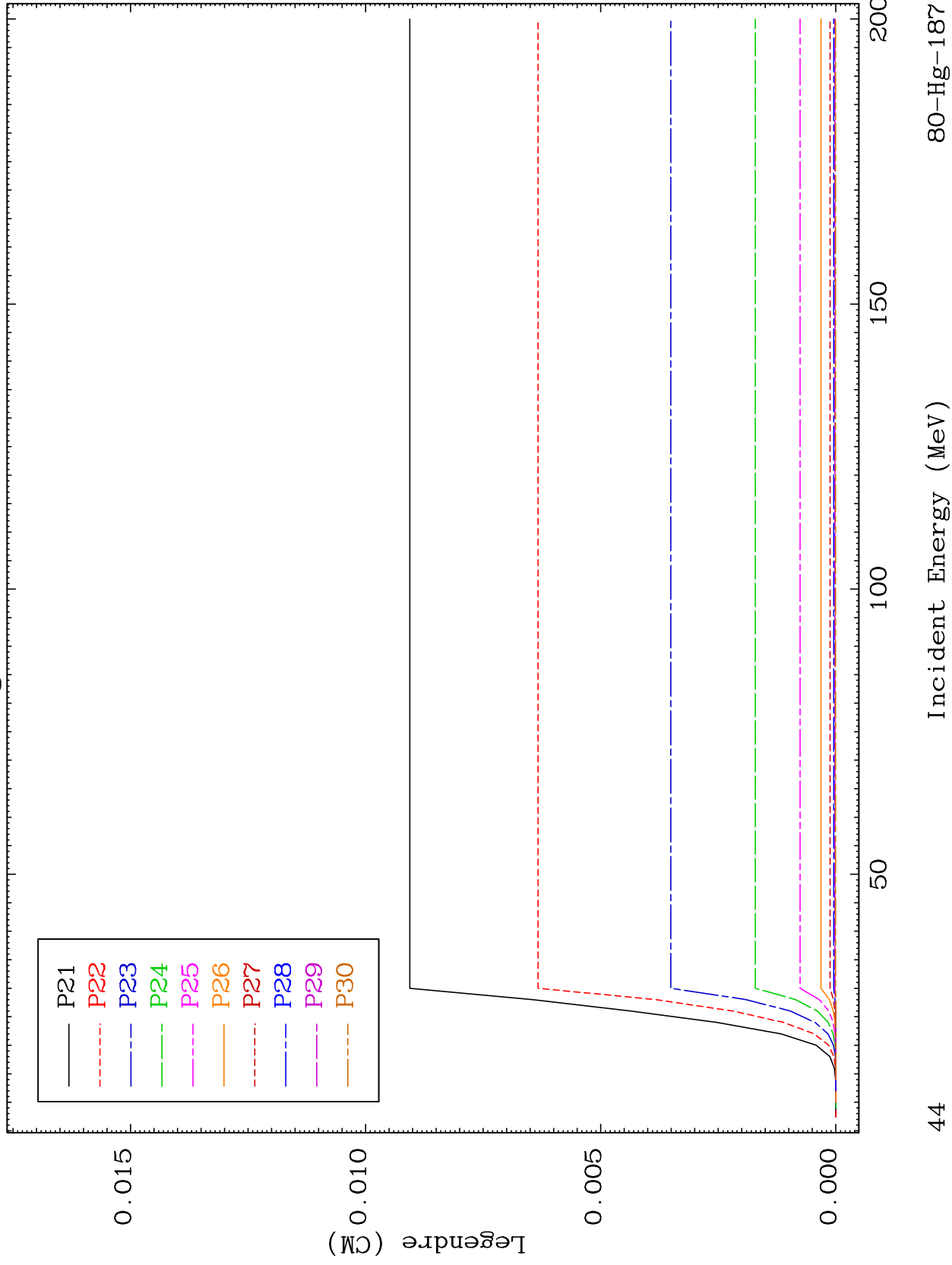
42



MAT 7998

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

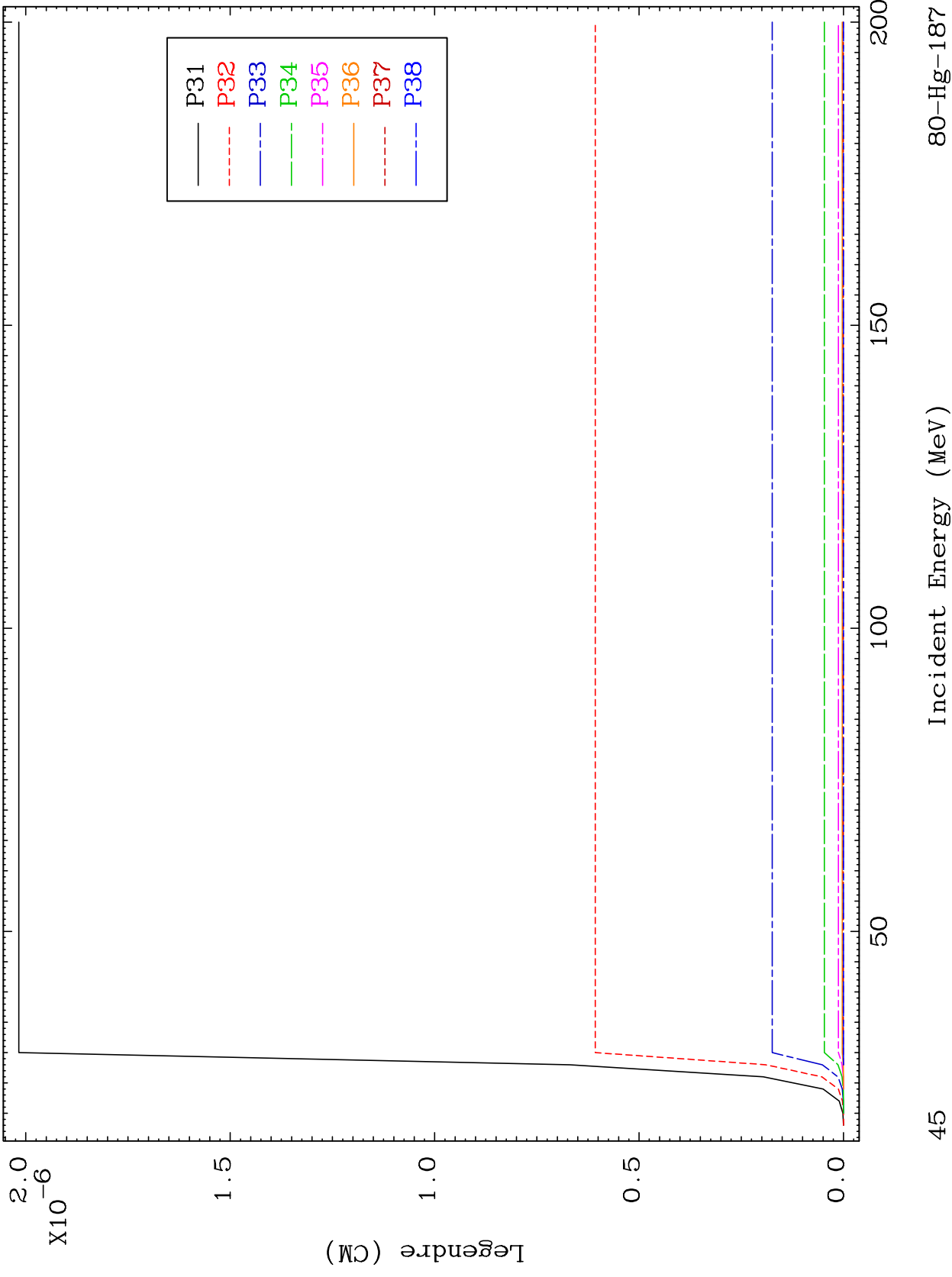
80-Hg-187



MAT 7998

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

80-Hg-187



45

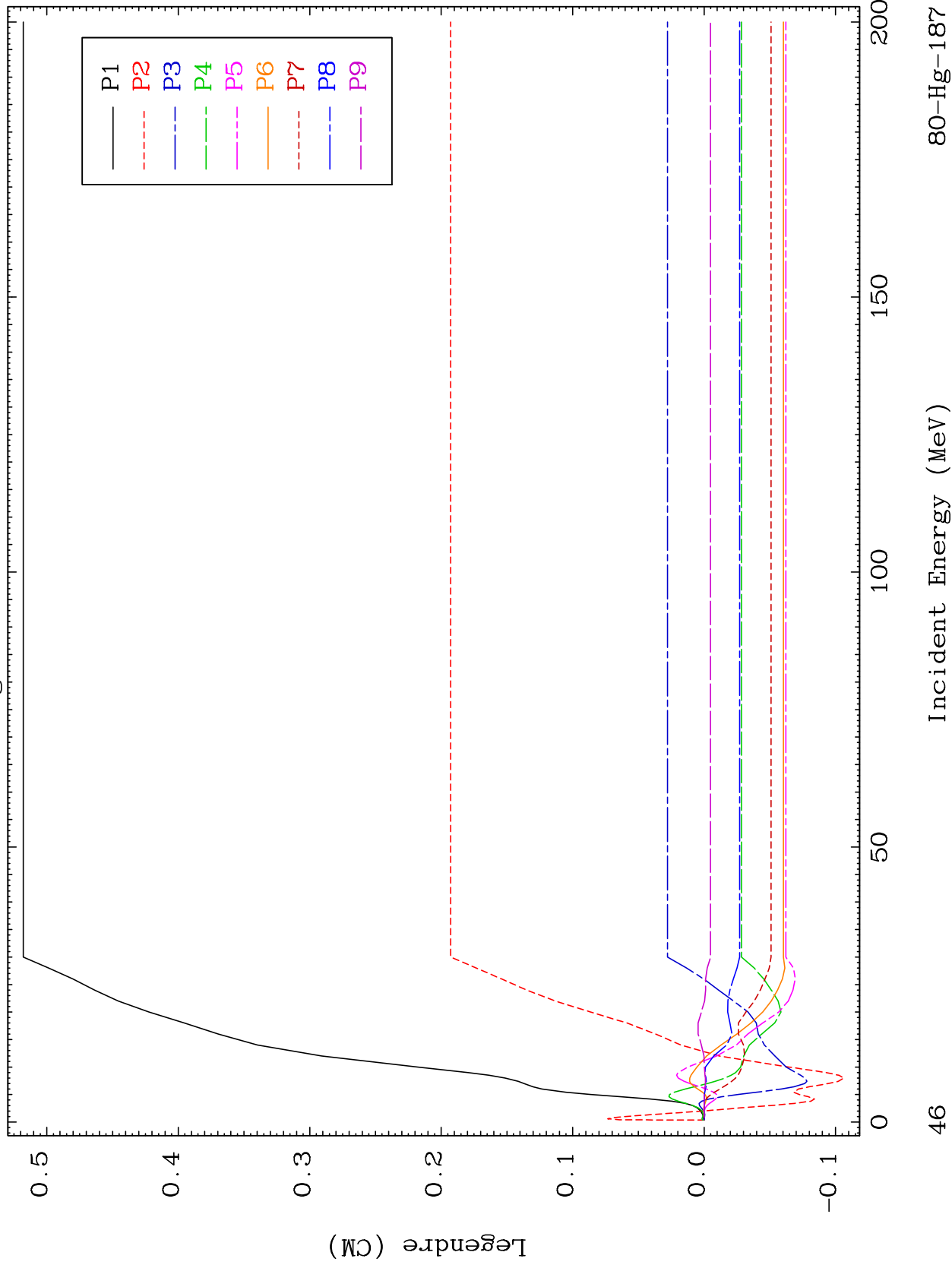
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



80-Hg-187

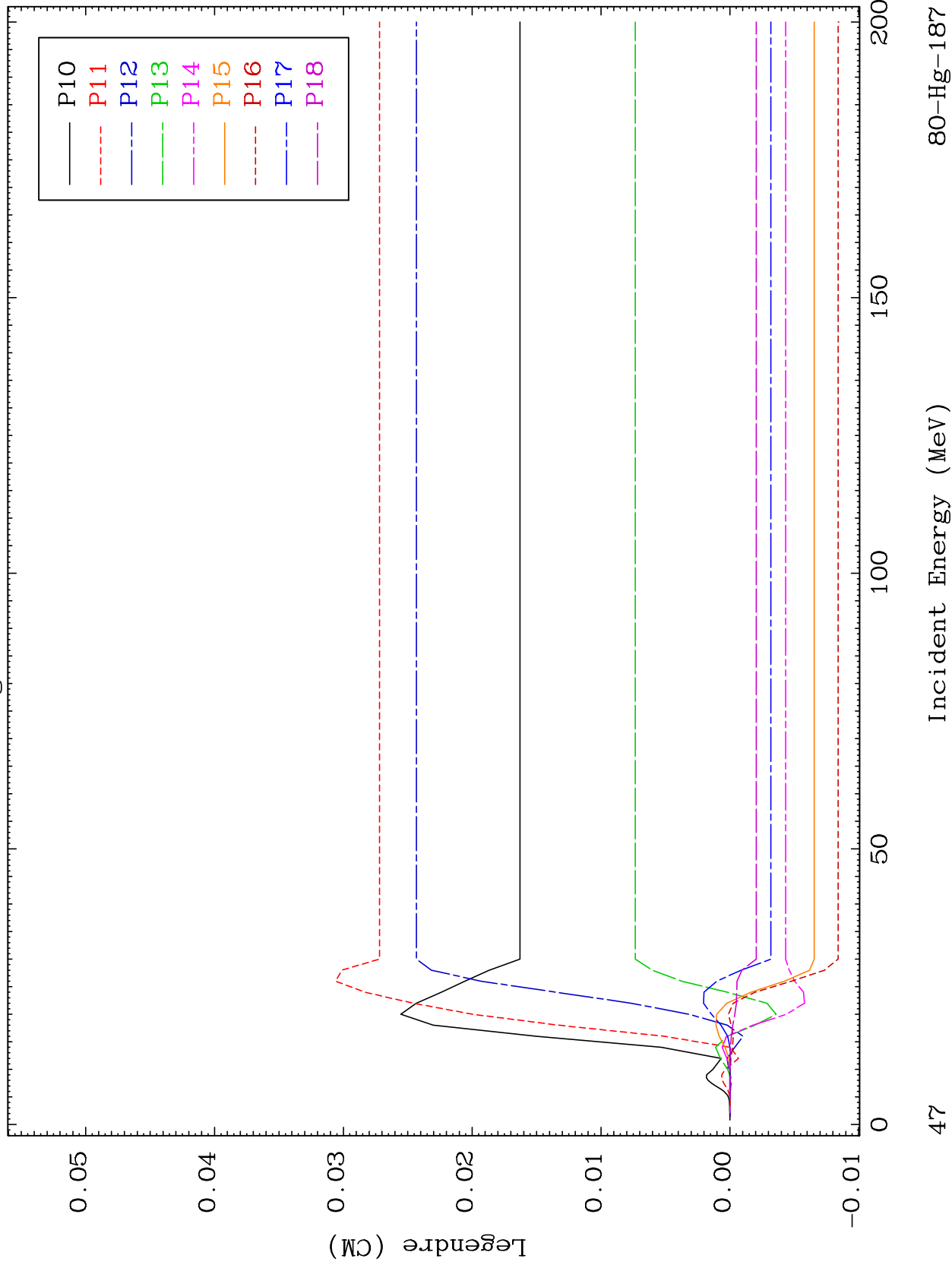
Incident Energy (MeV)

46

MAT 7998

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

80-Hg-187



47

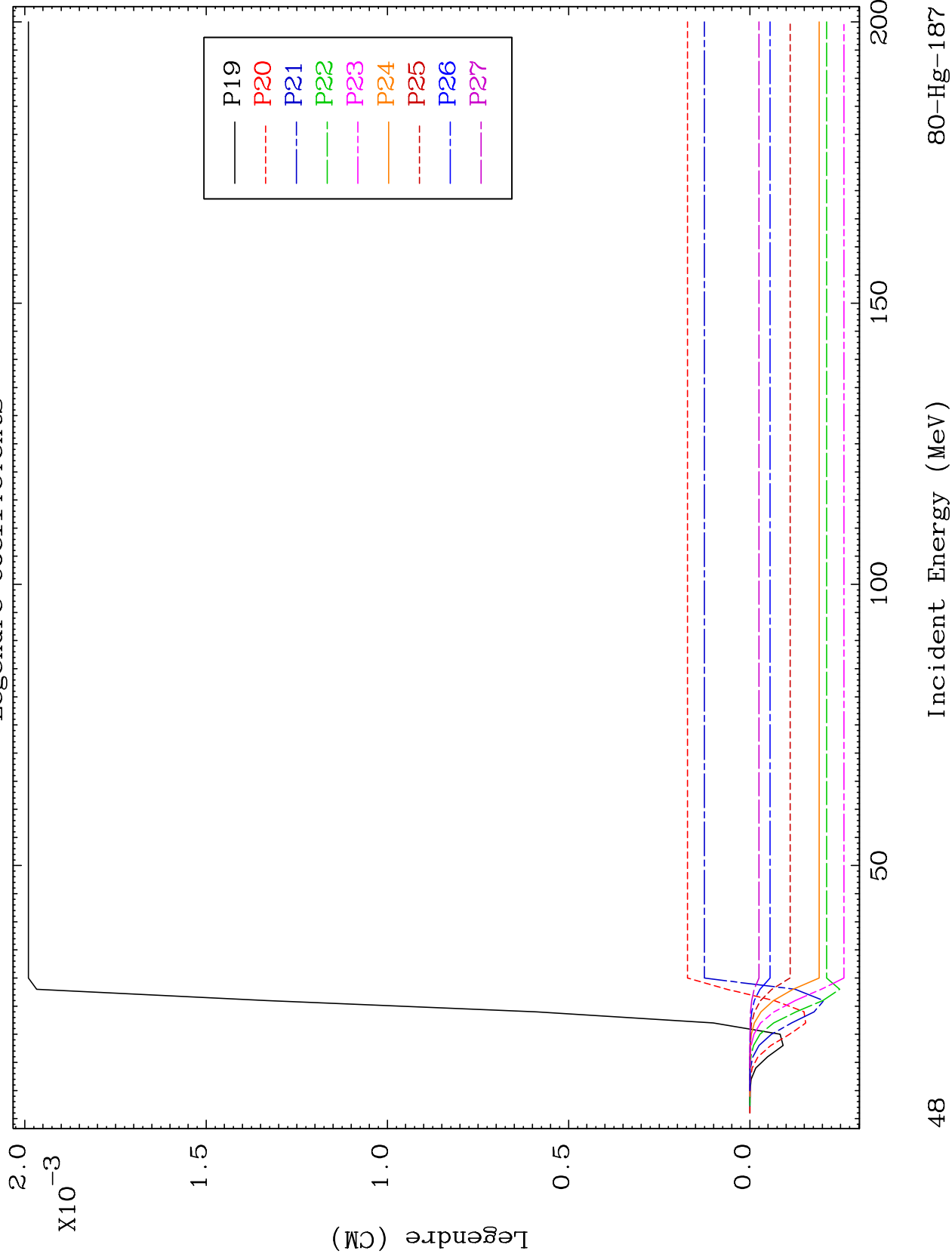
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

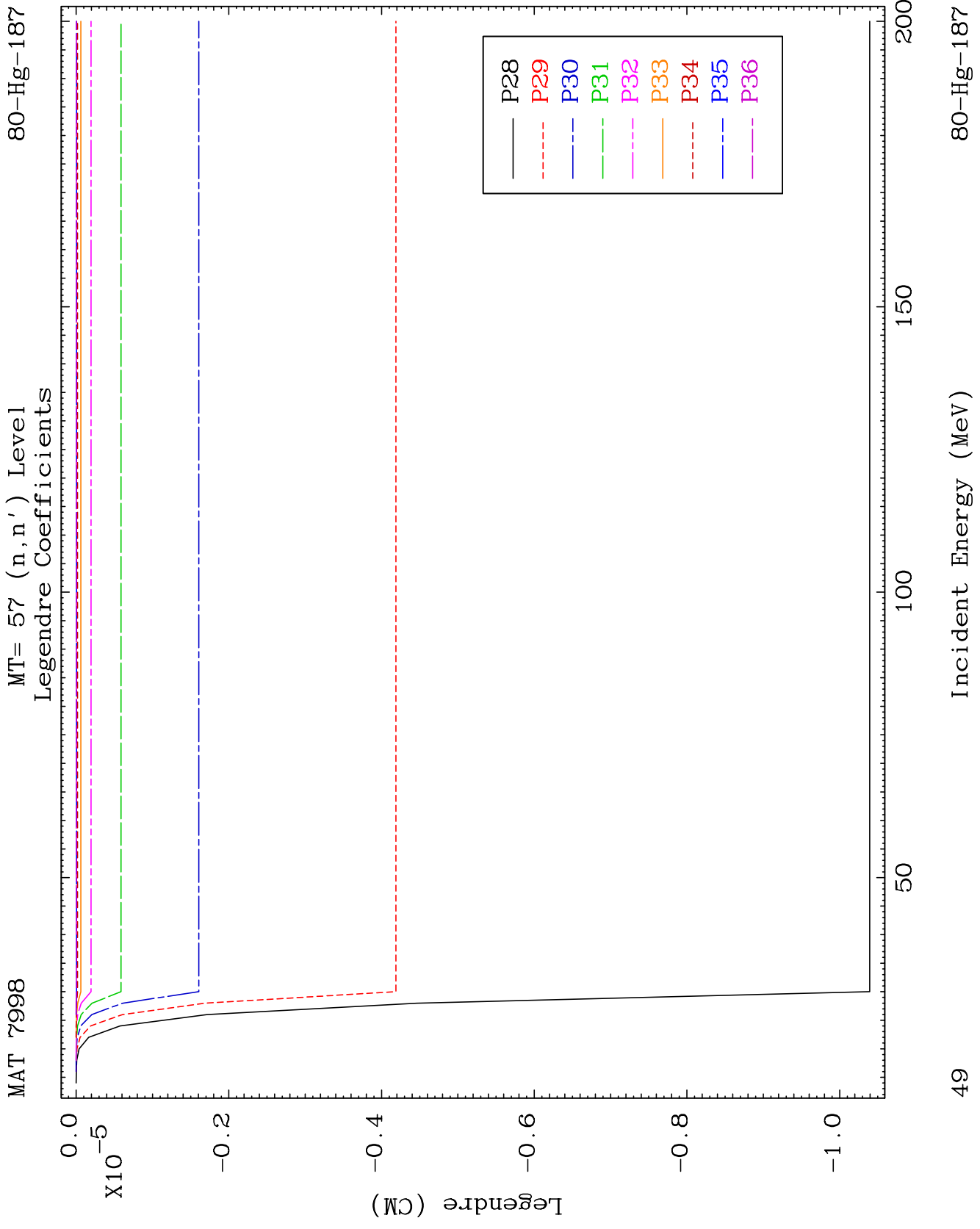
80-Hg-187



48

Incident Energy (MeV)

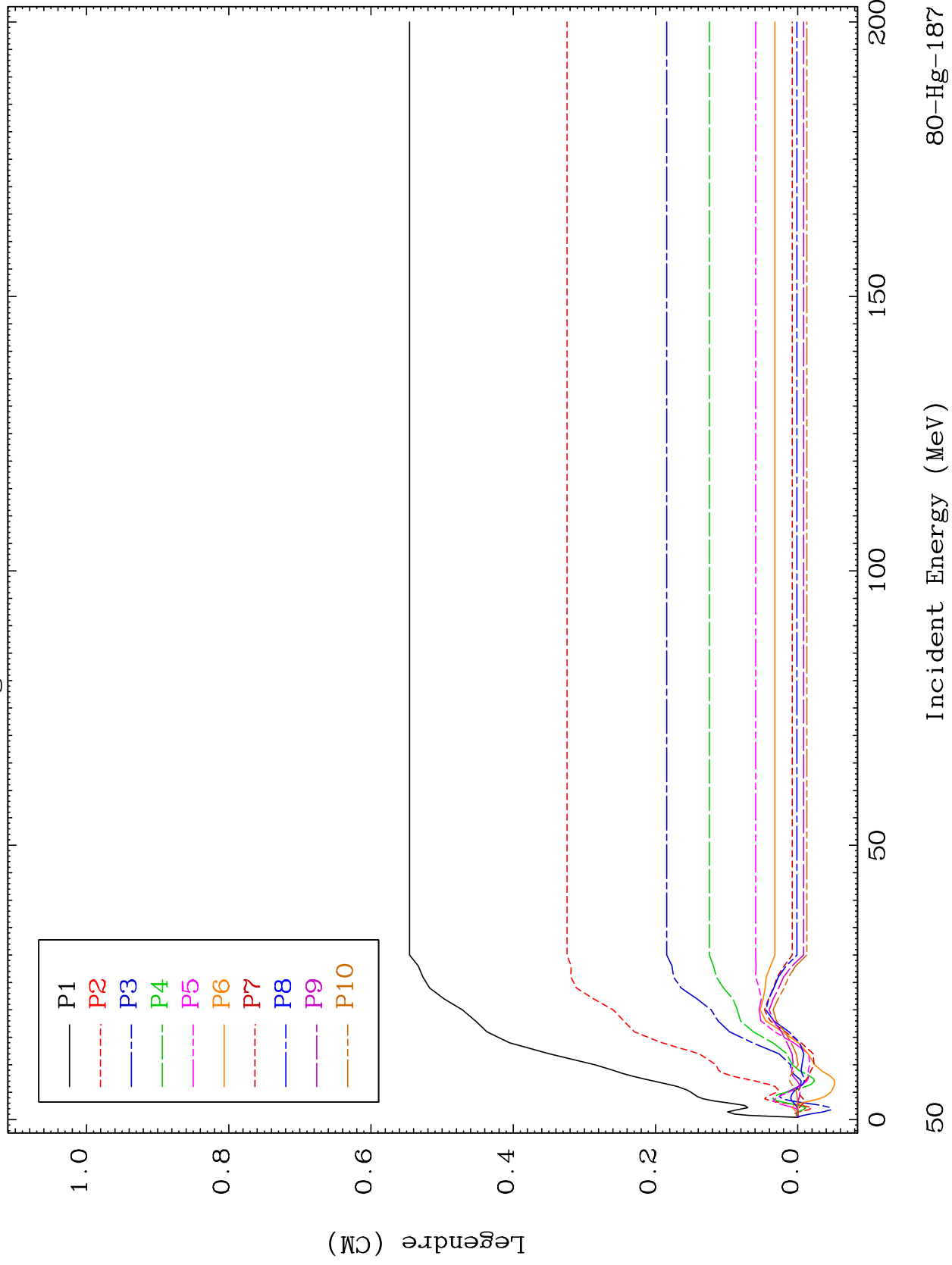
80-Hg-187



MAT 7998

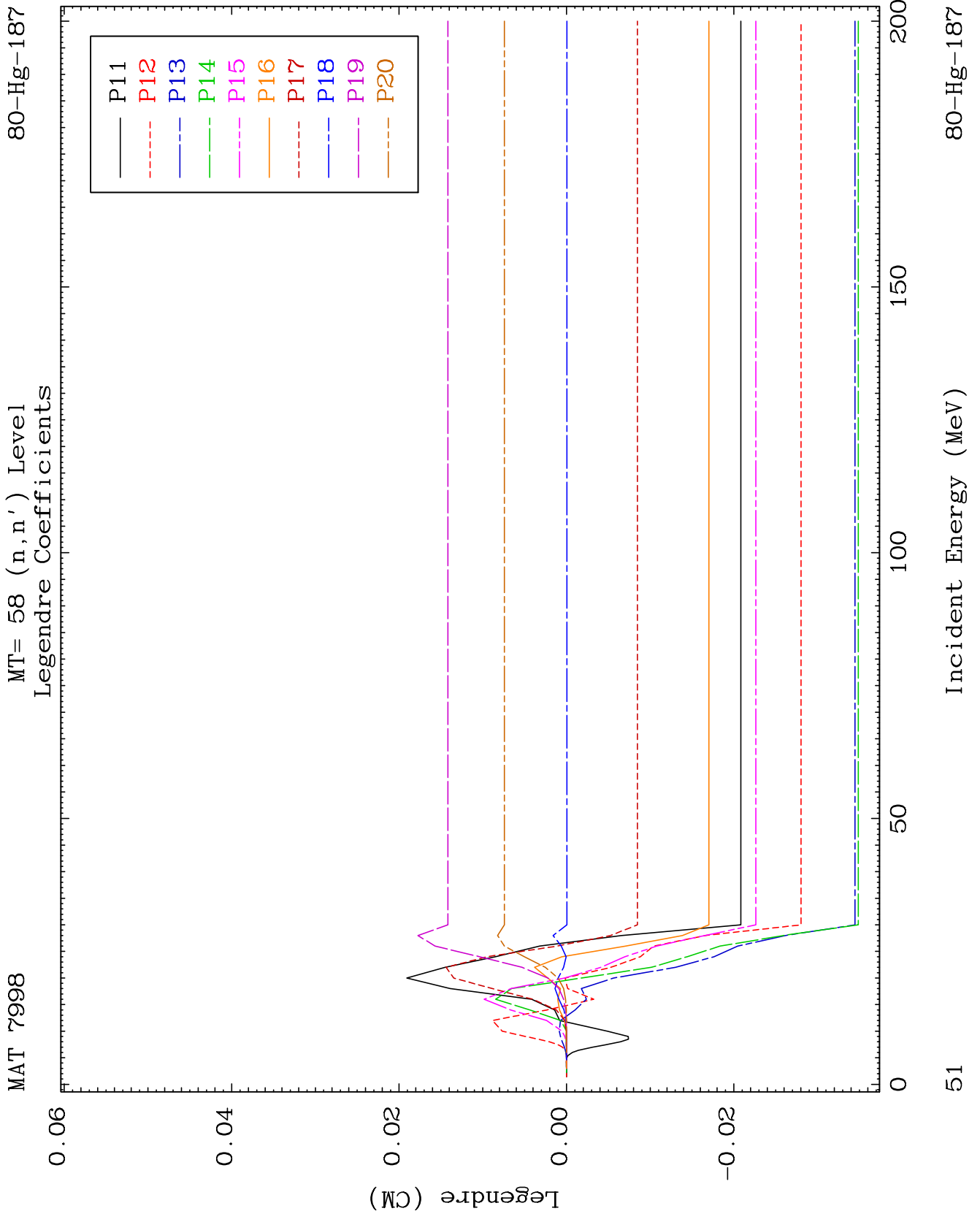
MT= 58 (n,n') Level
Legendre Coefficients

80-Hg-187



80-Hg-187

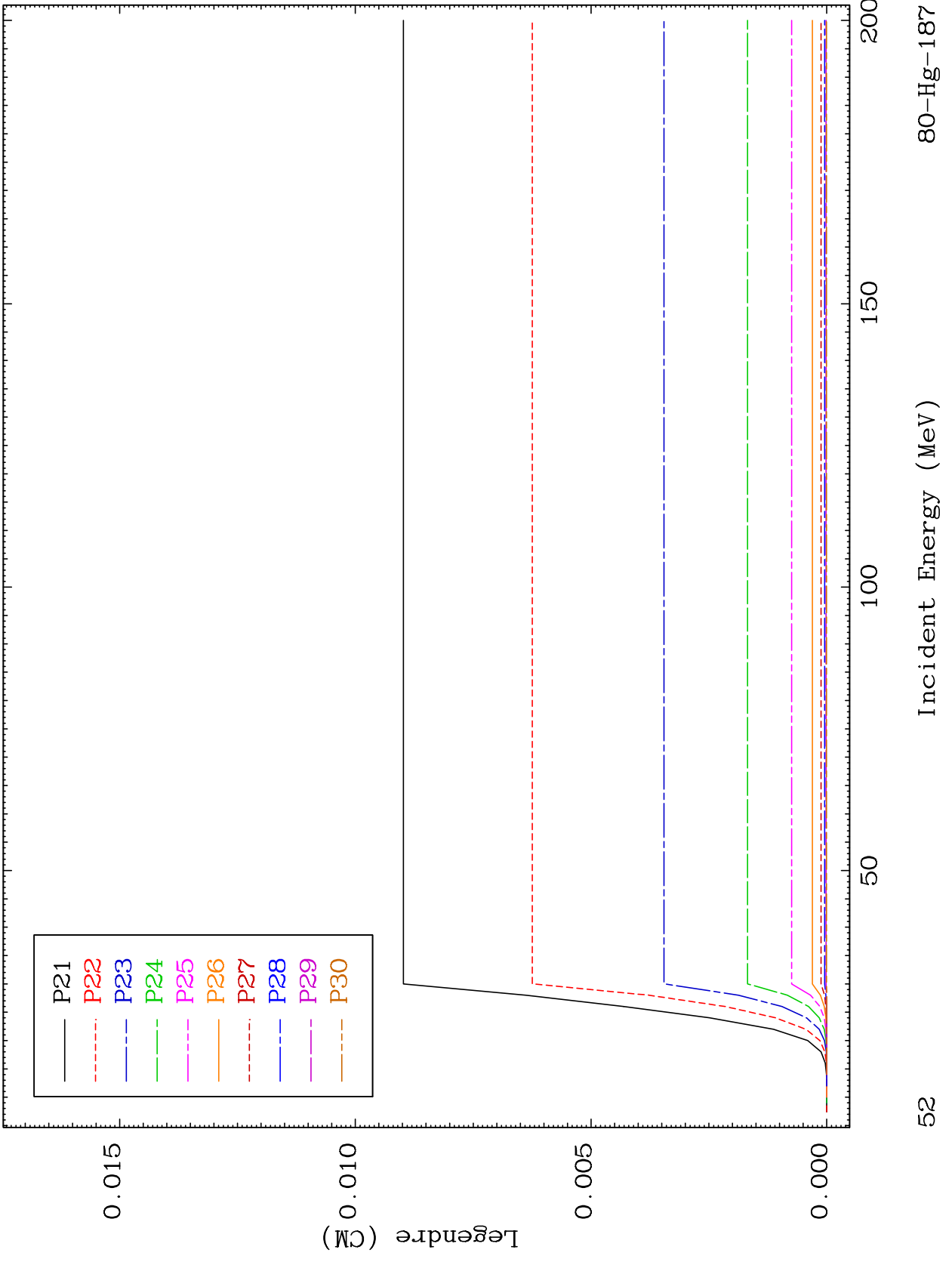
Incident Energy (MeV)



MAT 7998

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

80-Hg-187



52

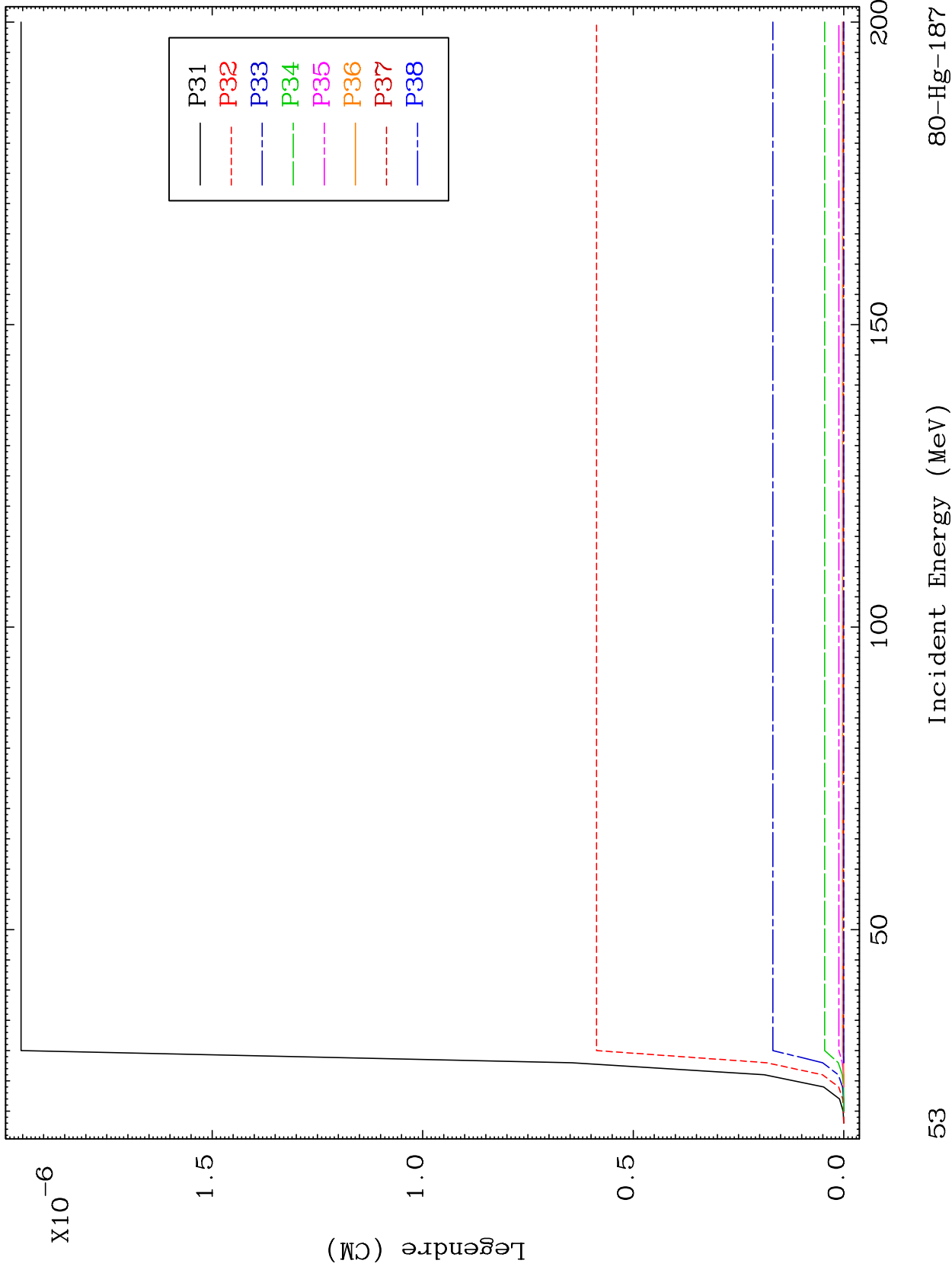
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



53

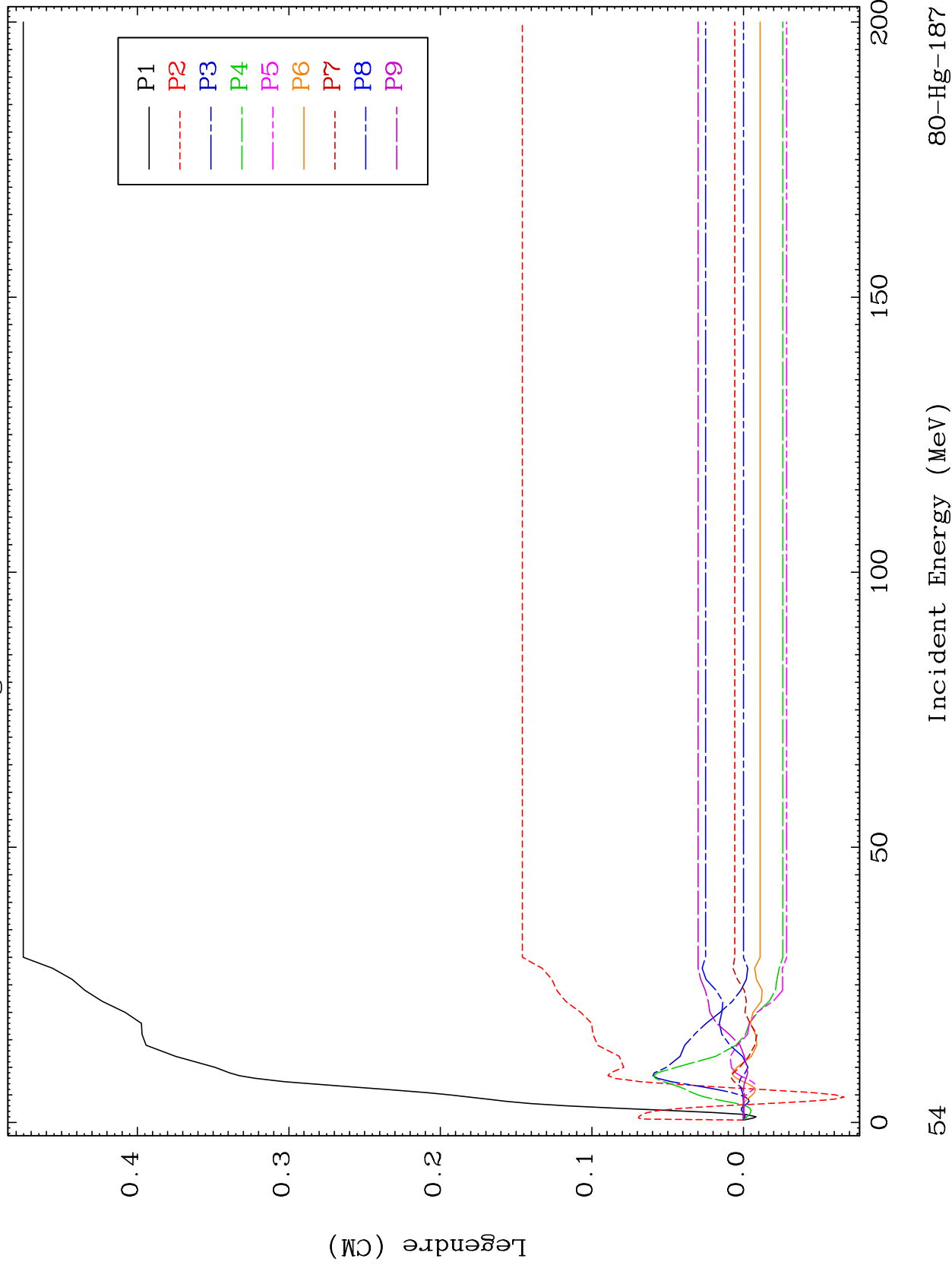
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



54

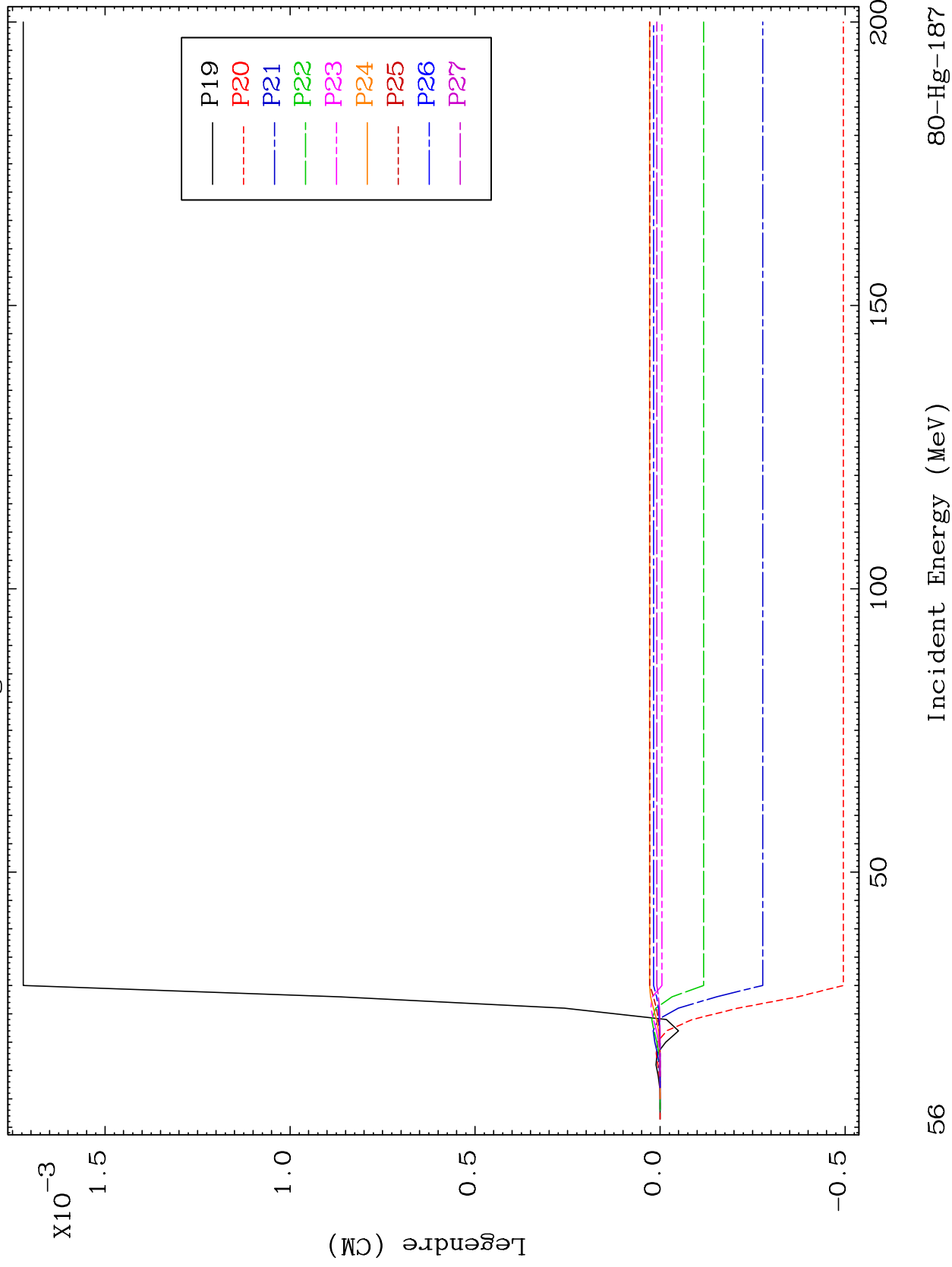
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



56

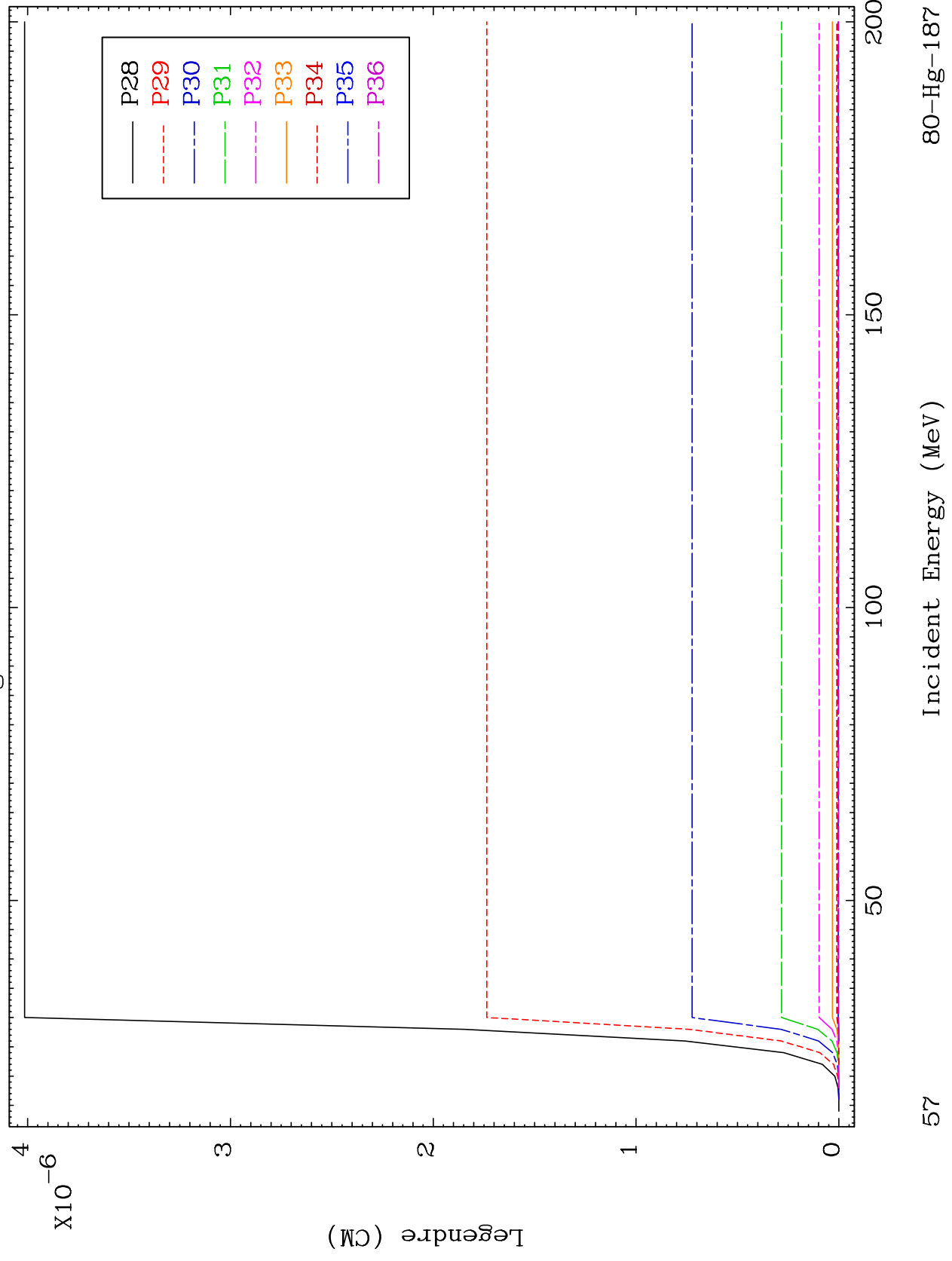
Incident Energy (MeV)

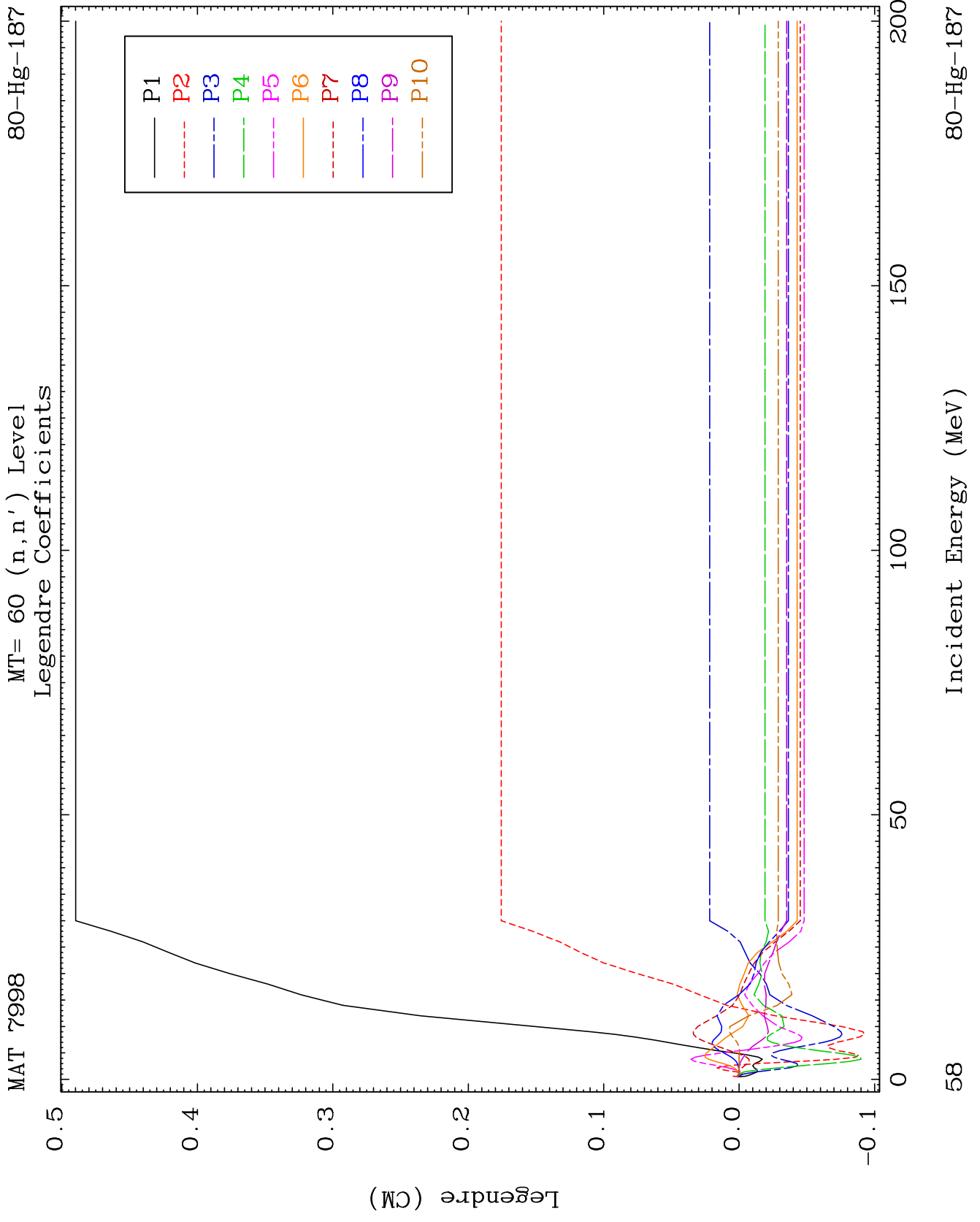
80-Hg-187

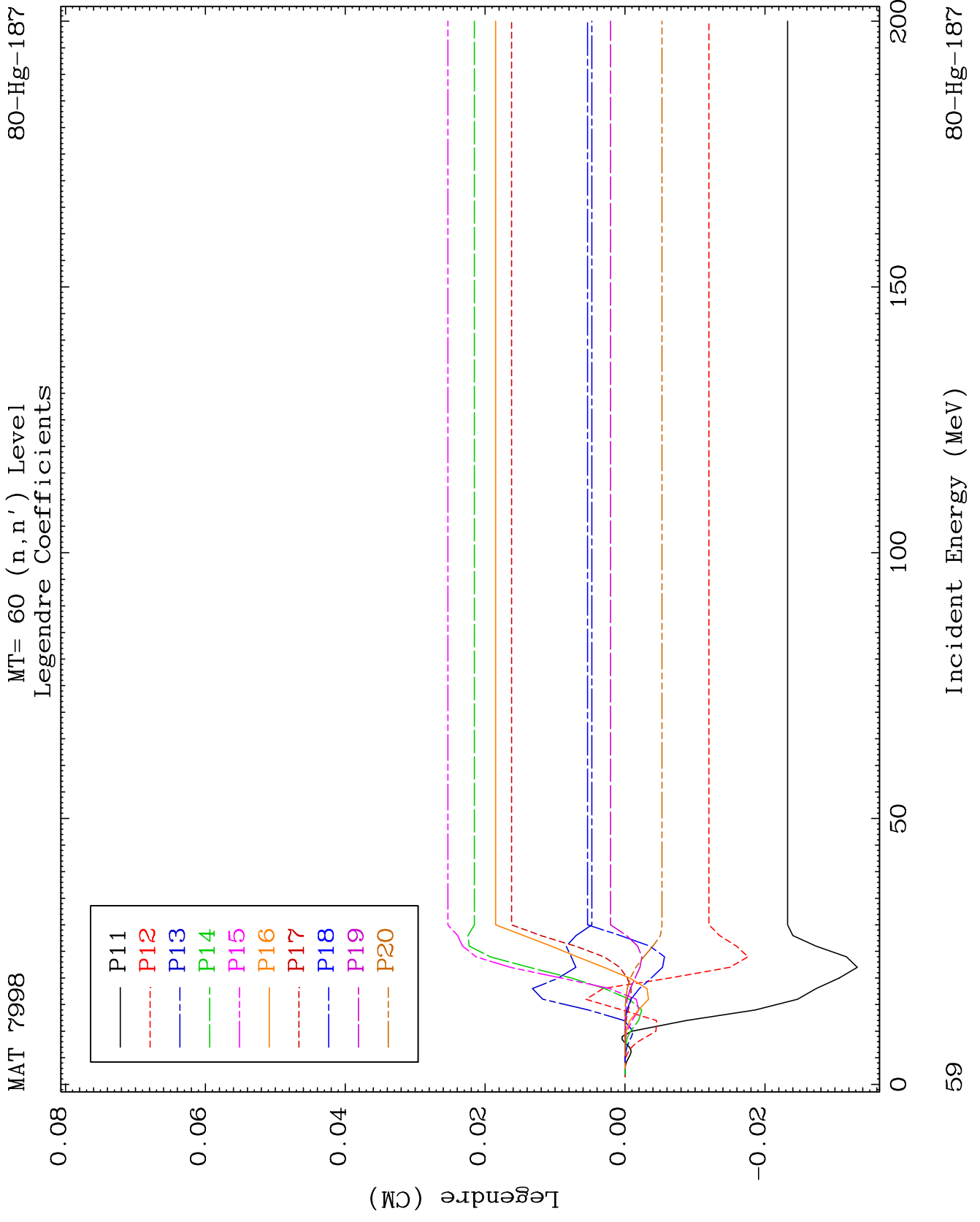
MAT 7998

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

80-Hg-187



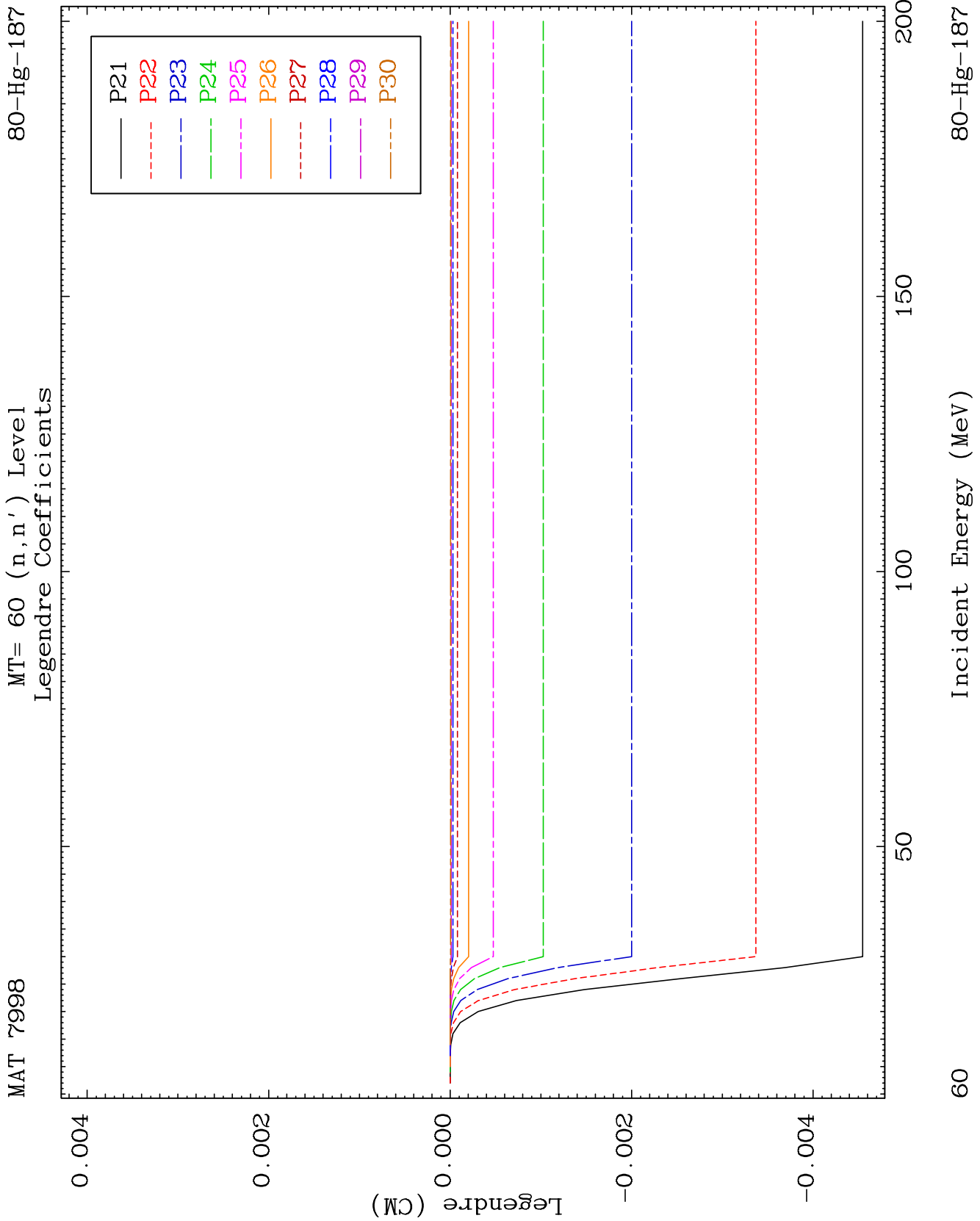


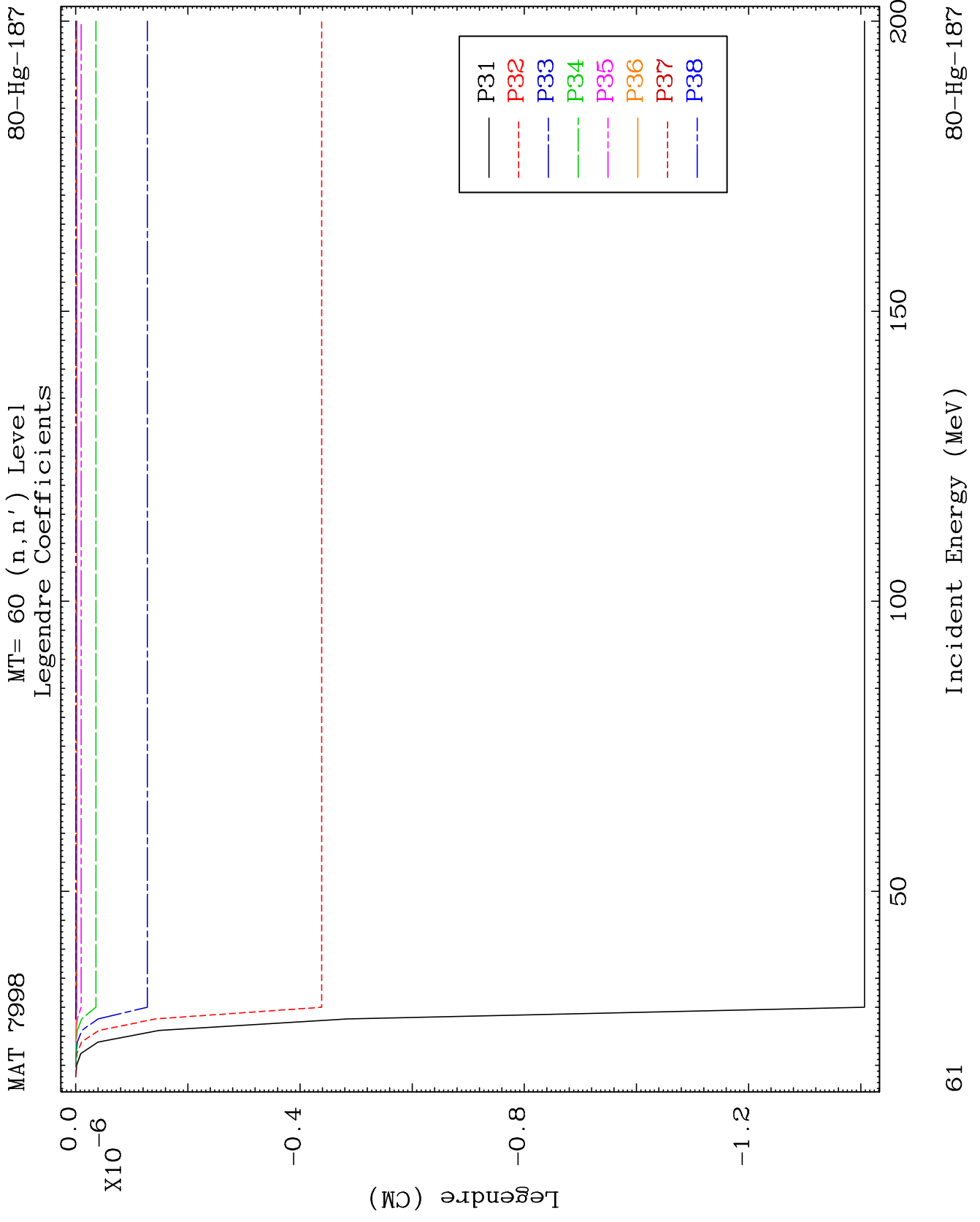


80-Hg-187

Incident Energy (MeV)

59

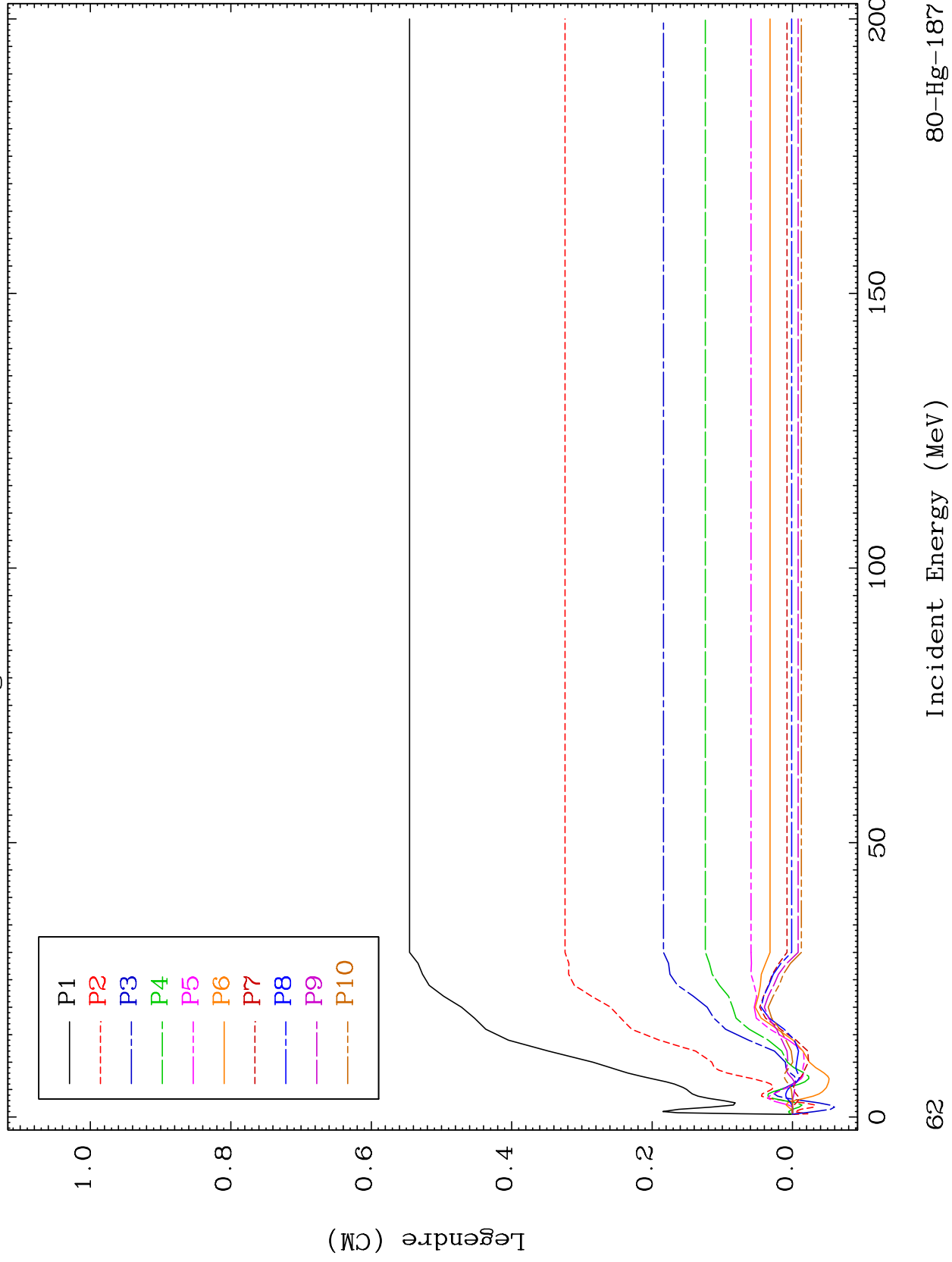




MAT 7998

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

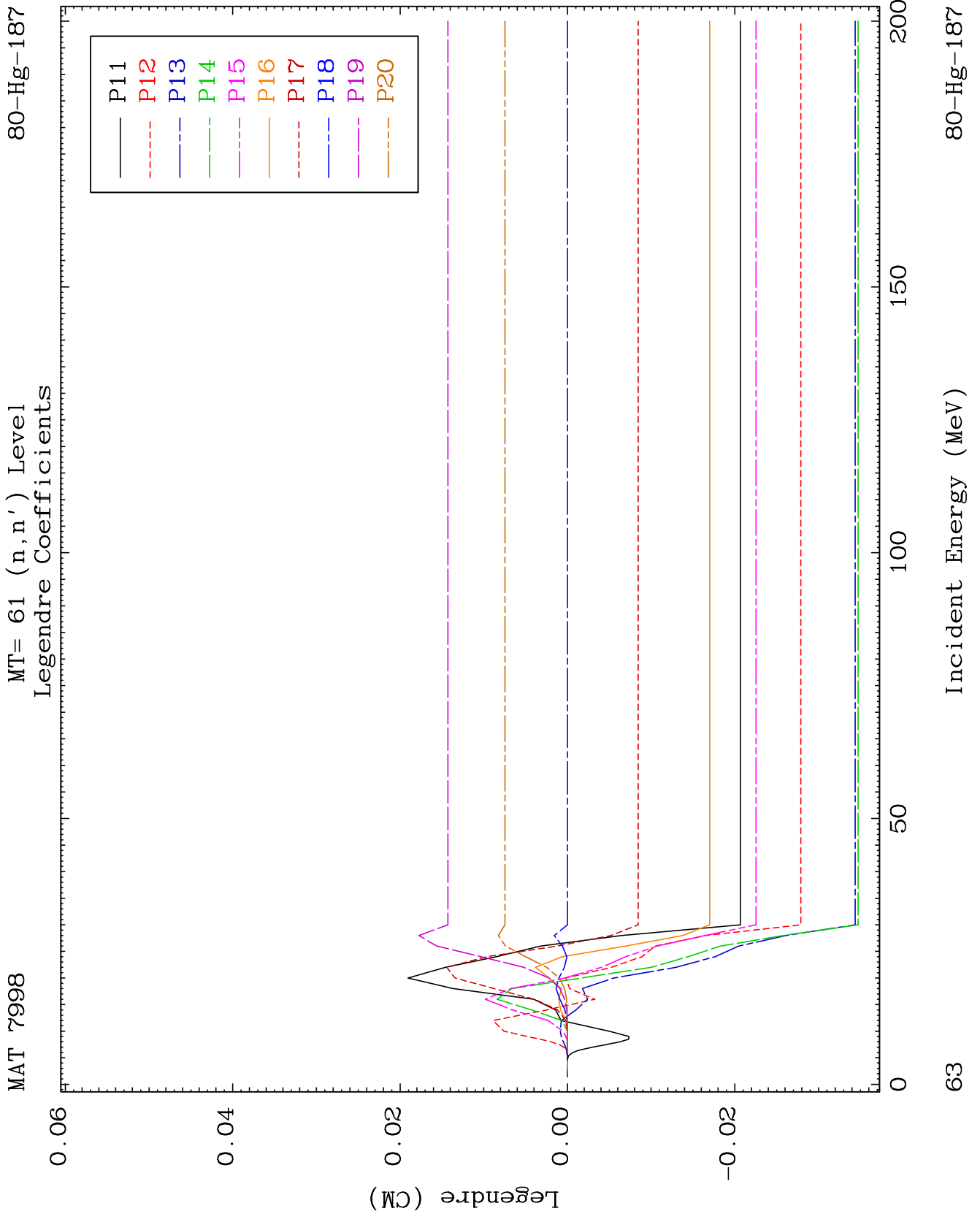
80-Hg-187



80-Hg-187

Incident Energy (MeV)

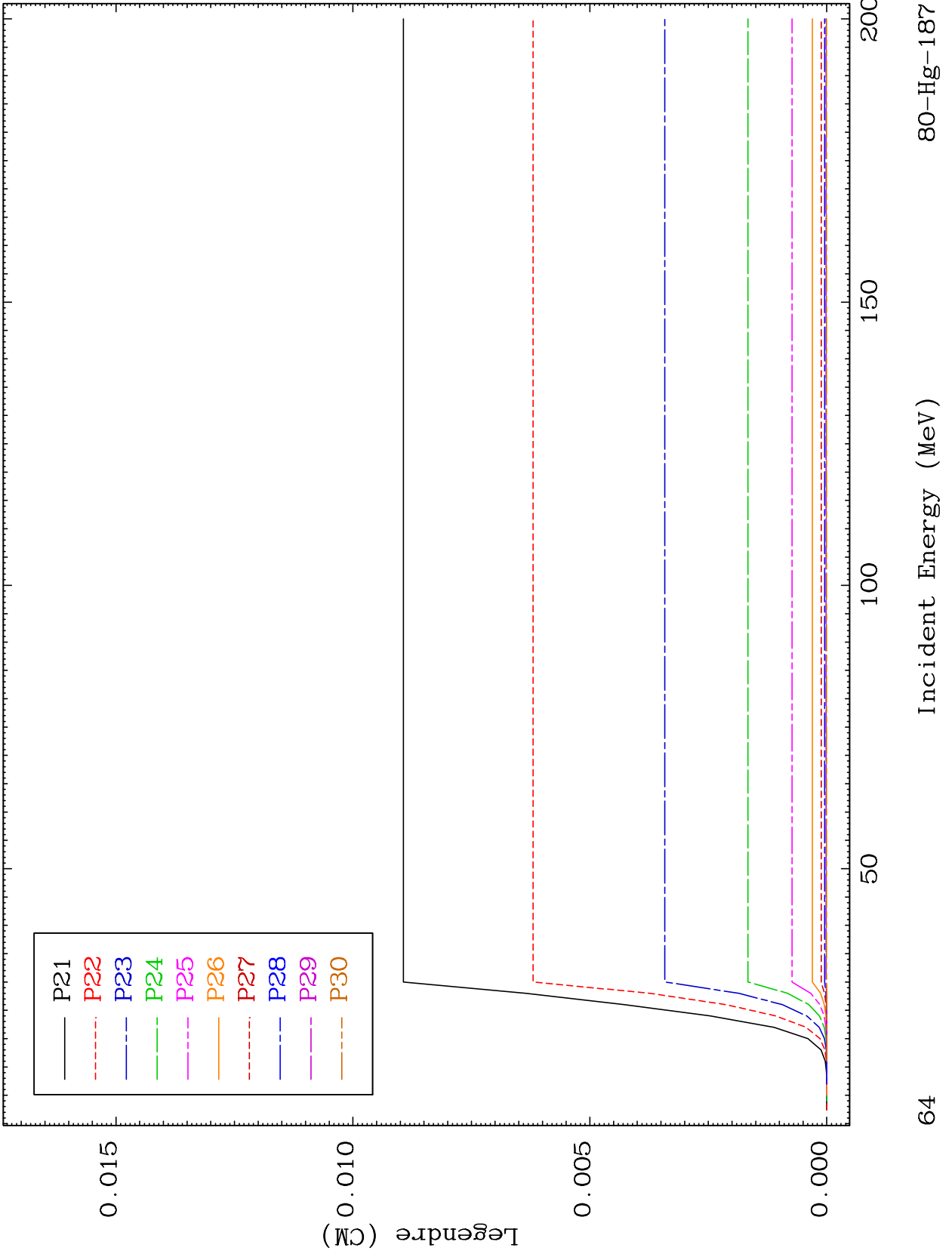
62



MAT 7998

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

80-Hg-187



64

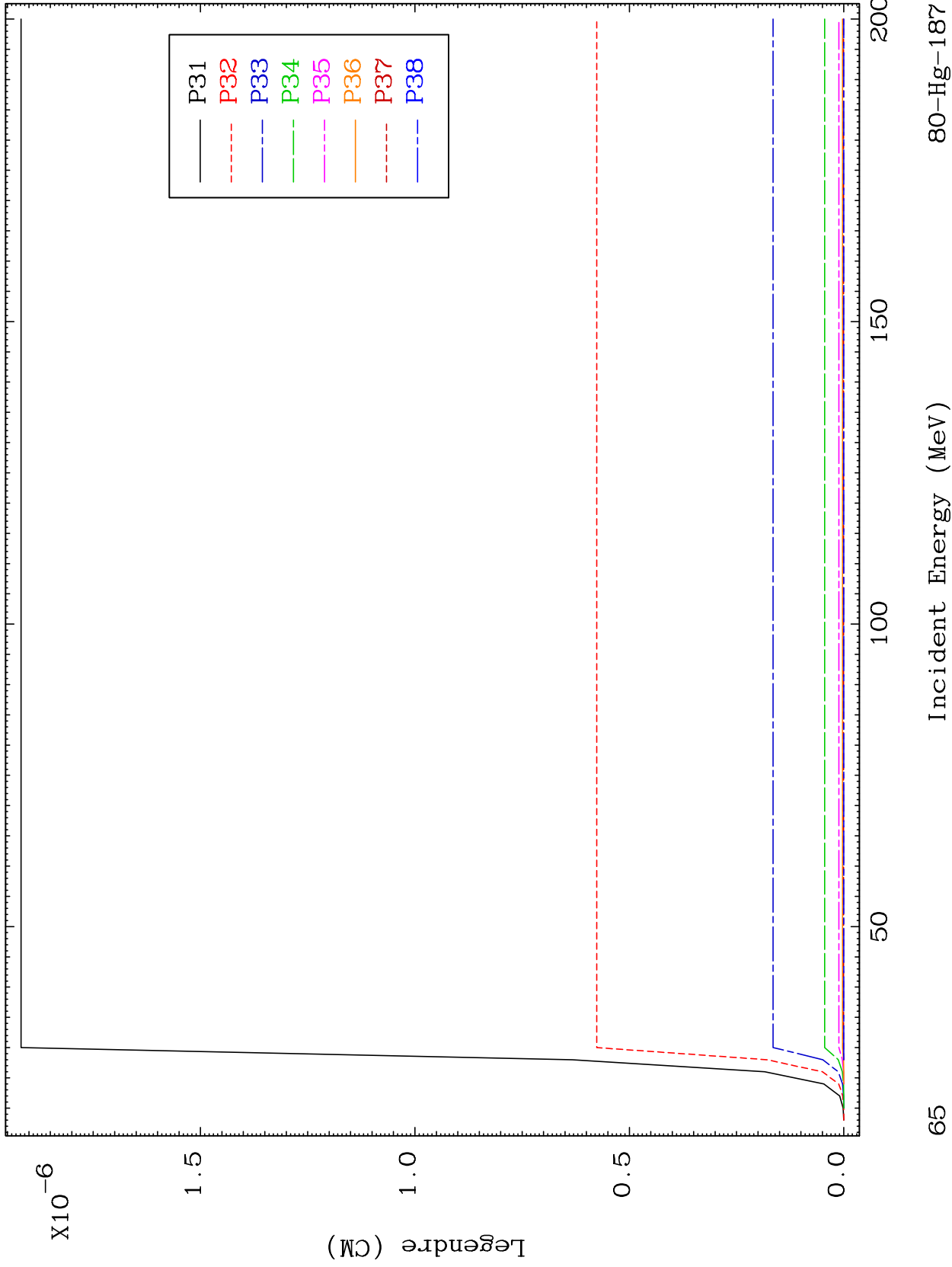
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

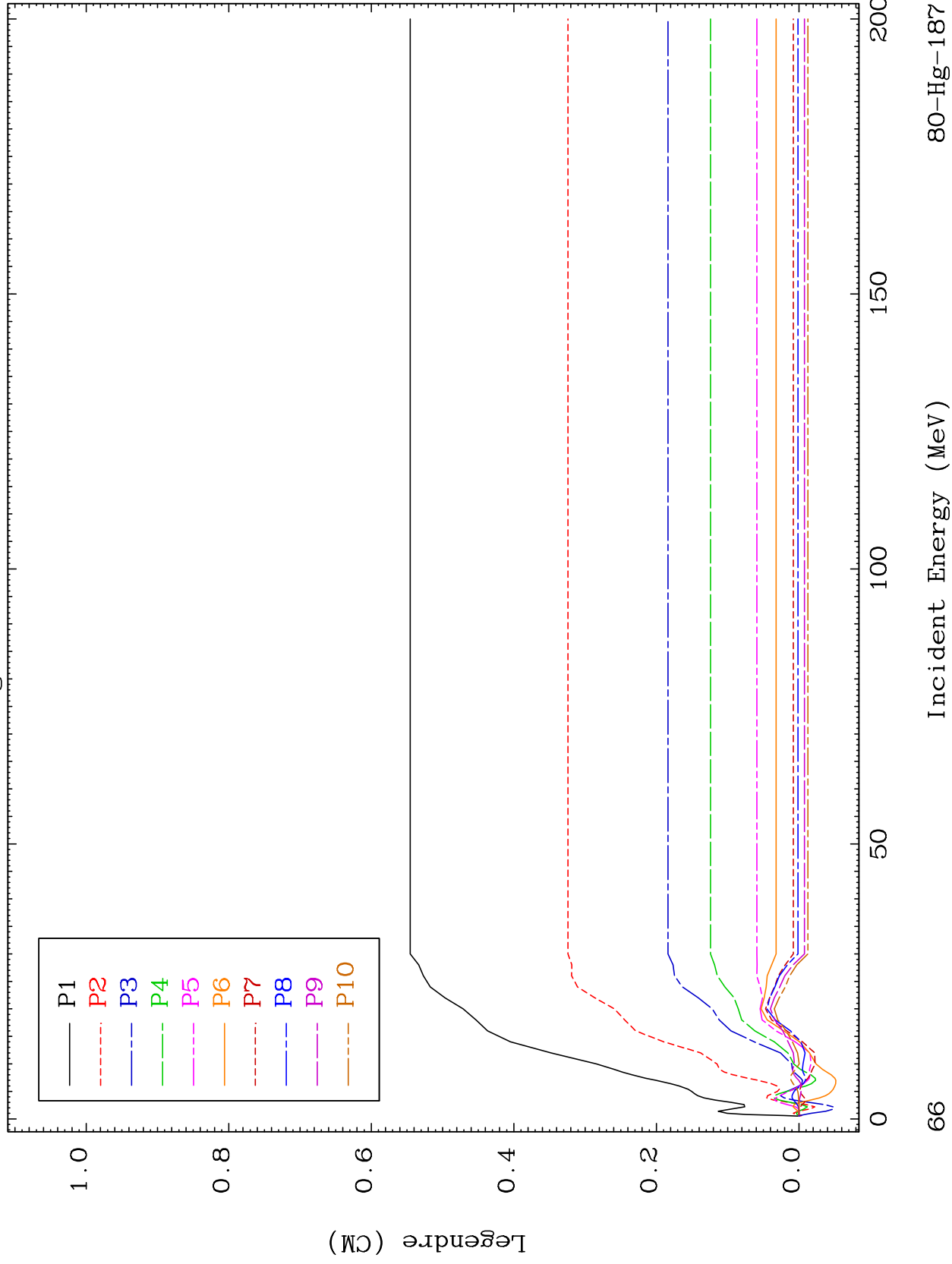
80-Hg-187

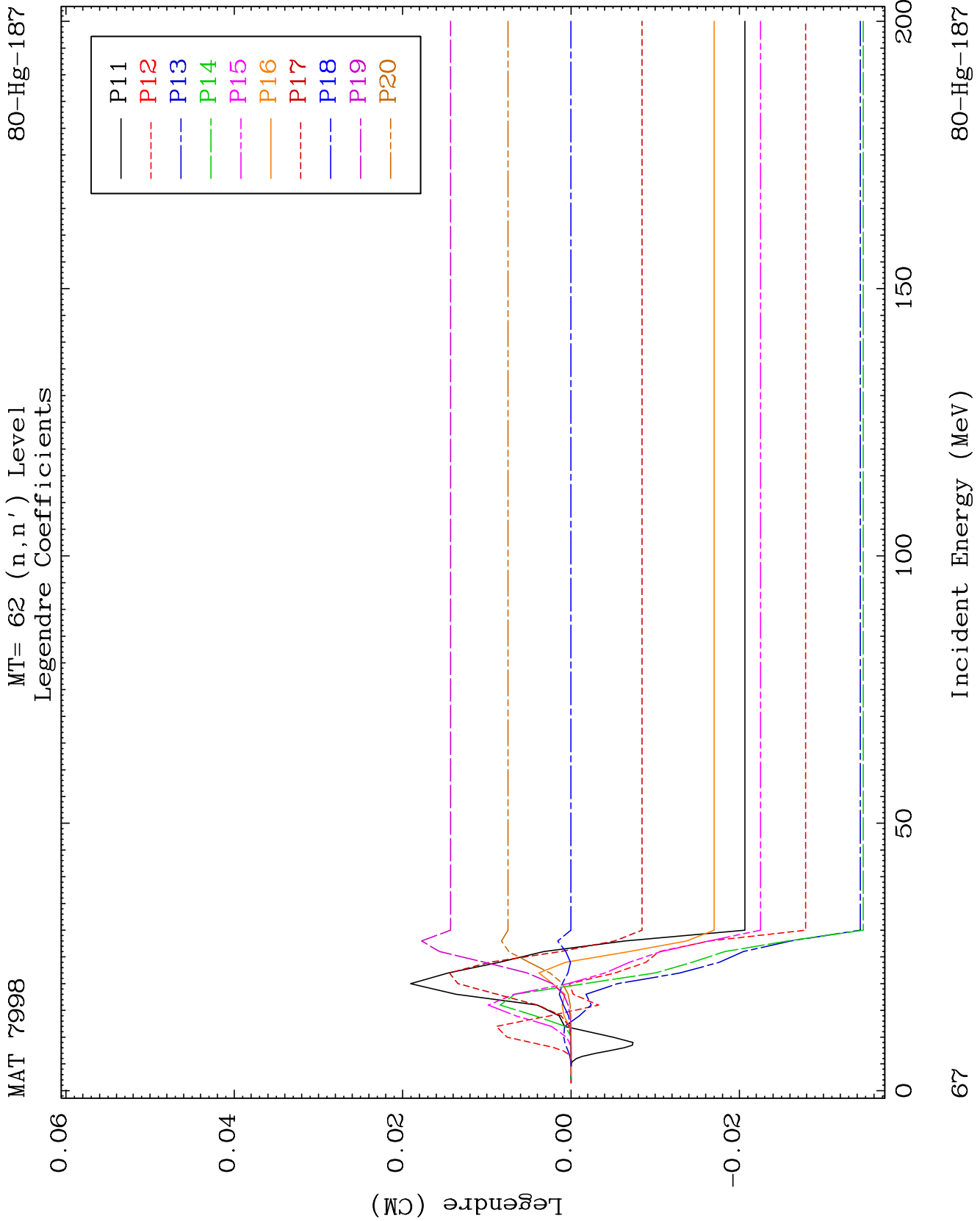


MAT 7998

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

80-Hg-187

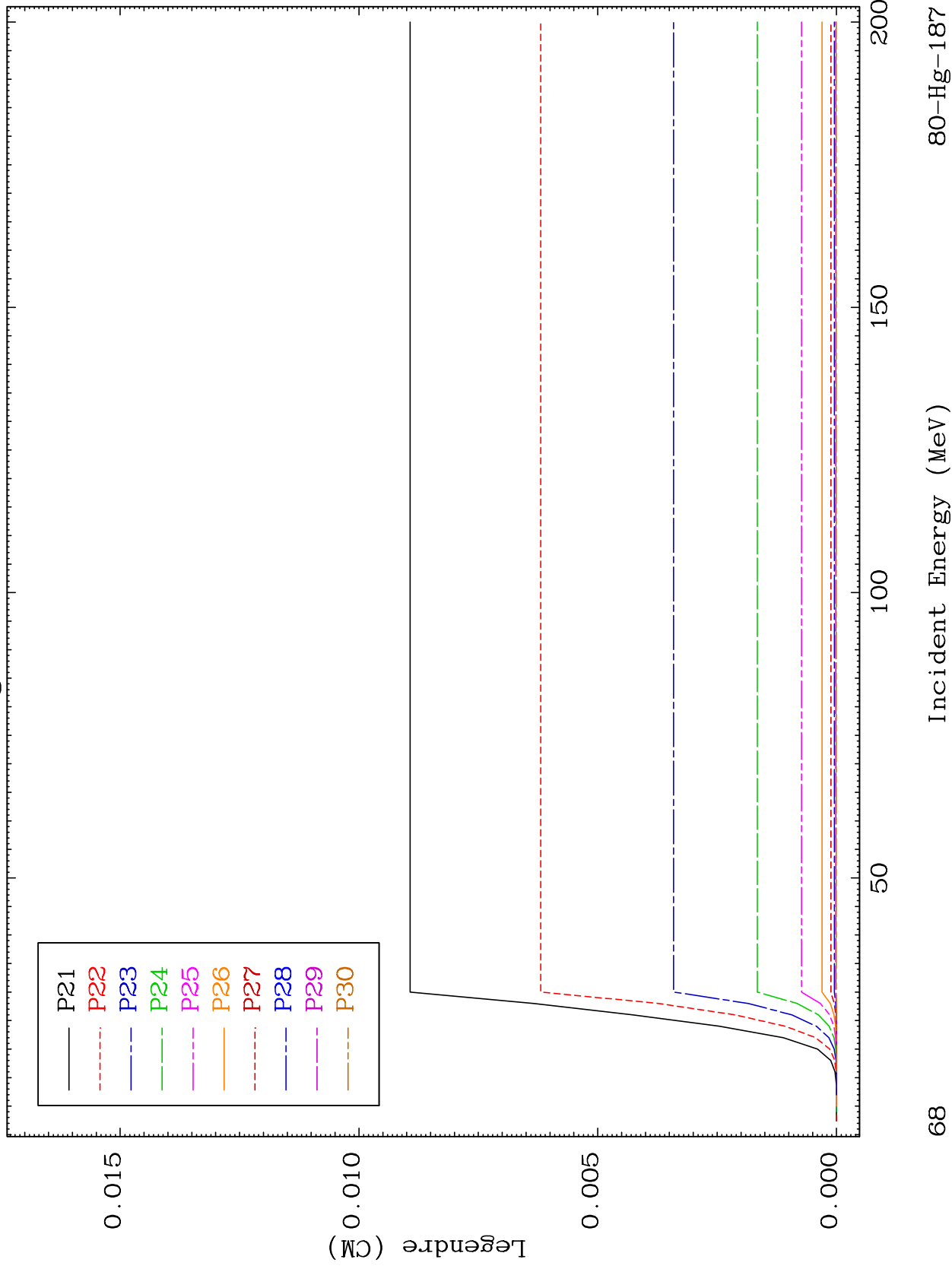




MAT 7998

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

80-Hg-187

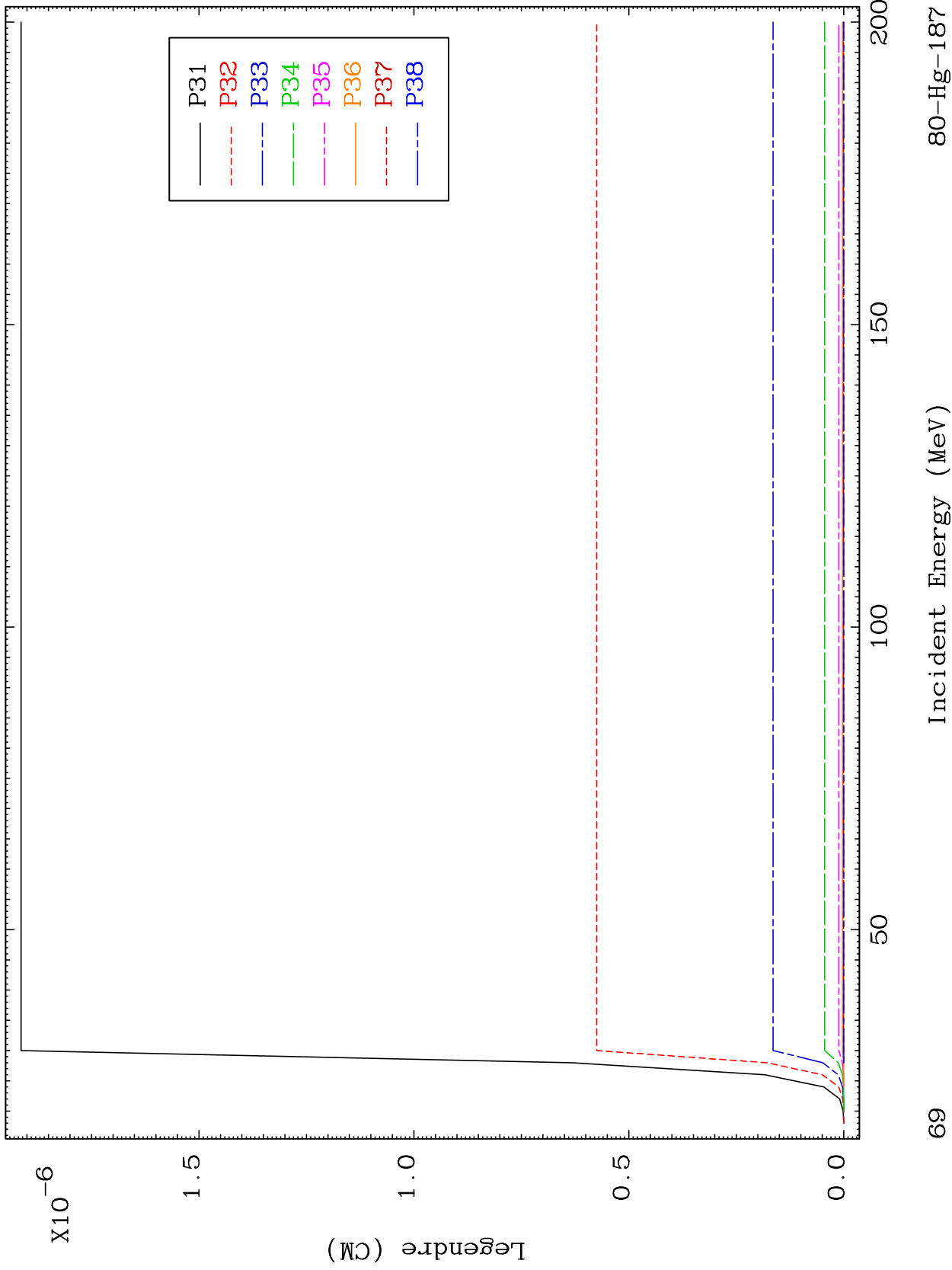


68

MAT 7998

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

80-Hg-187



69

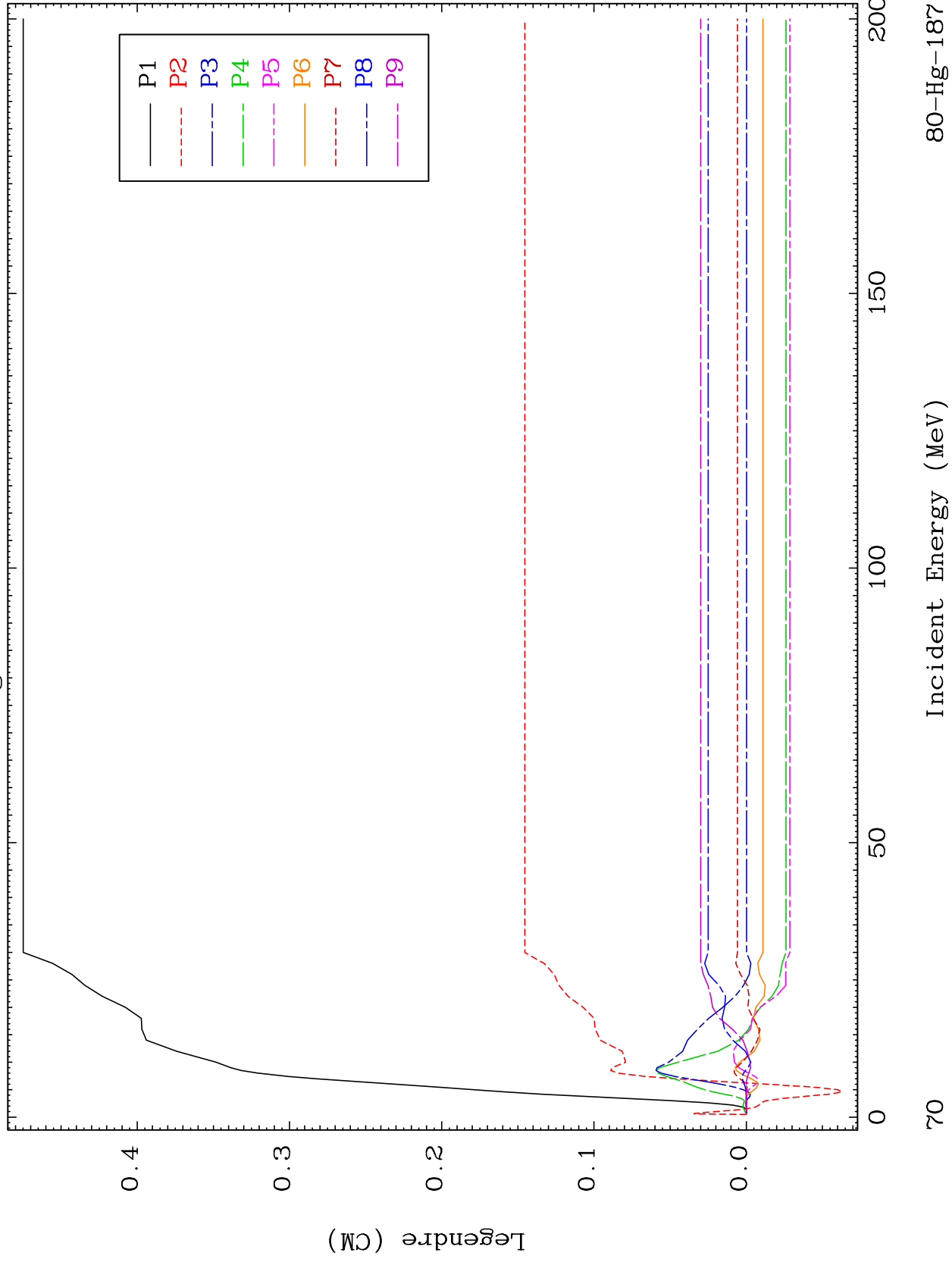
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

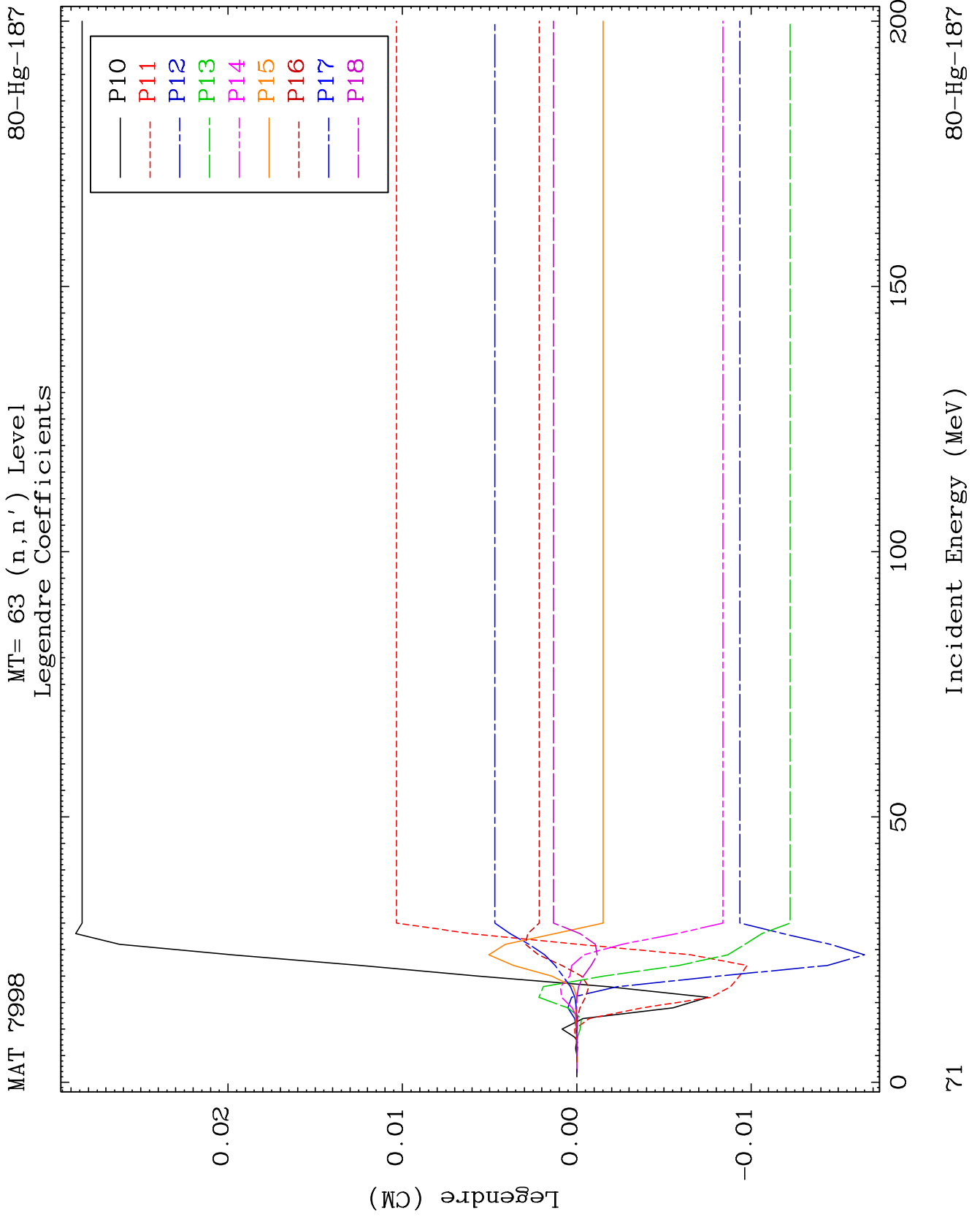
80-Hg-187



80-Hg-187

Incident Energy (MeV)

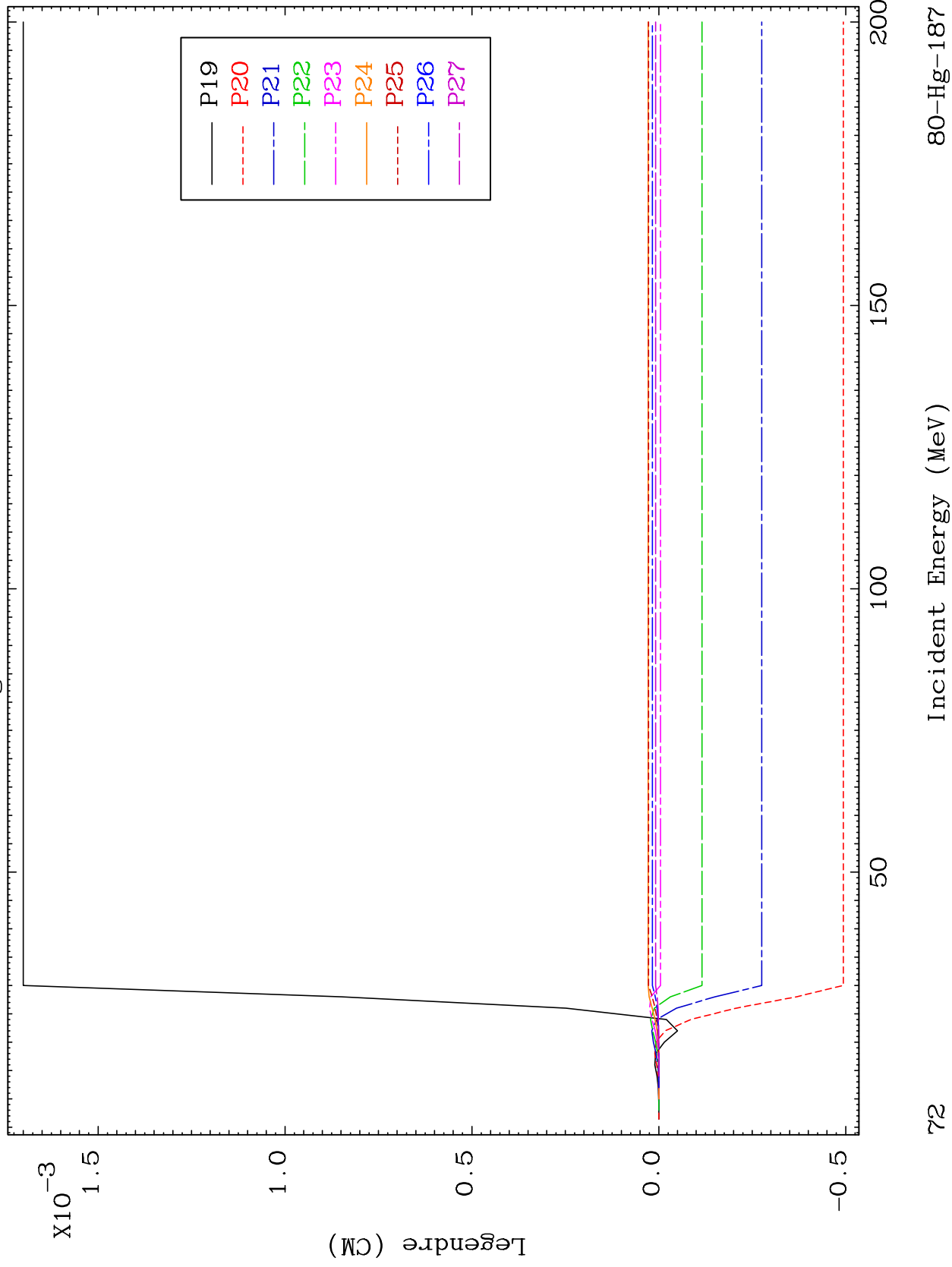
70

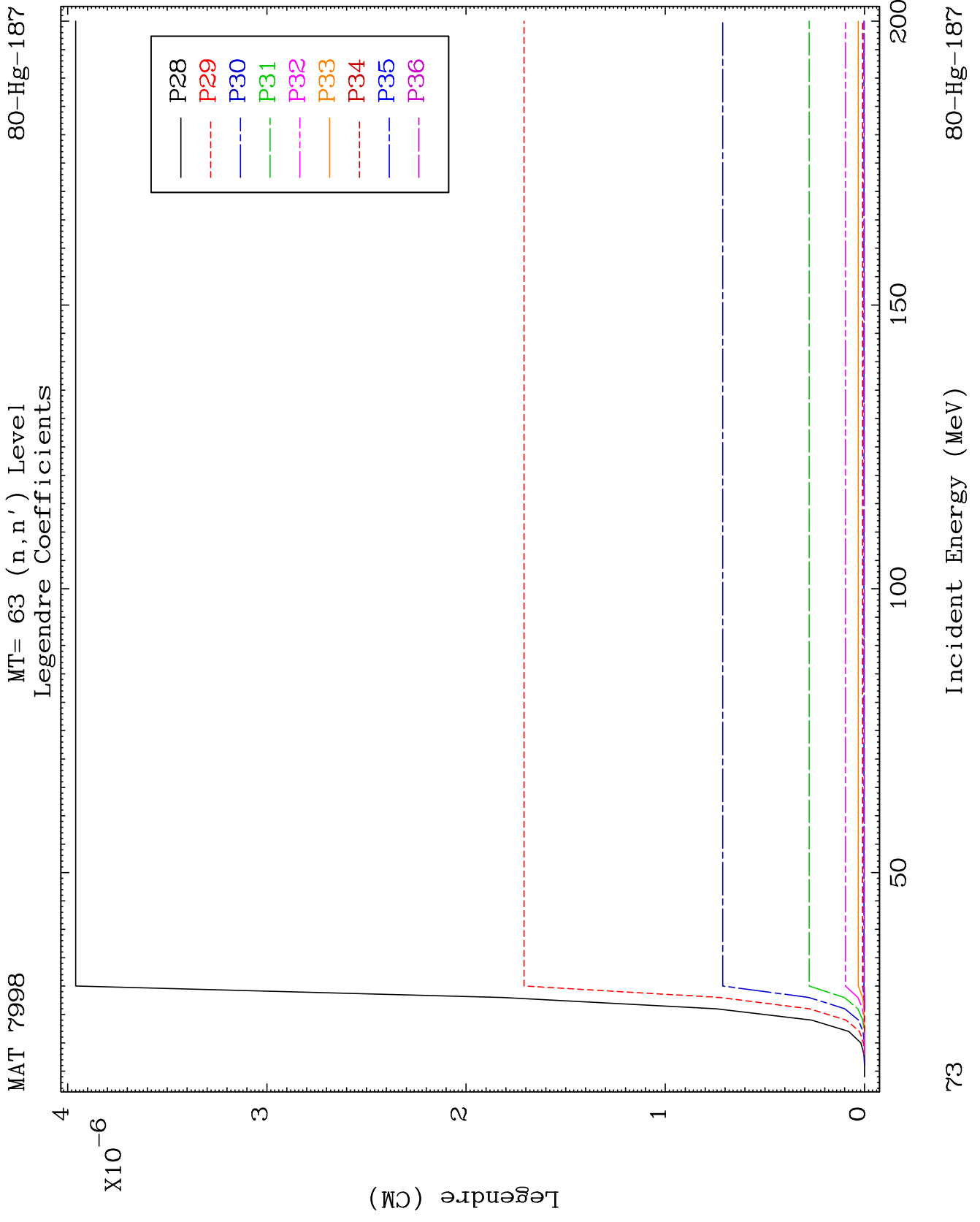


MAT 7998

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

80-Hg-187

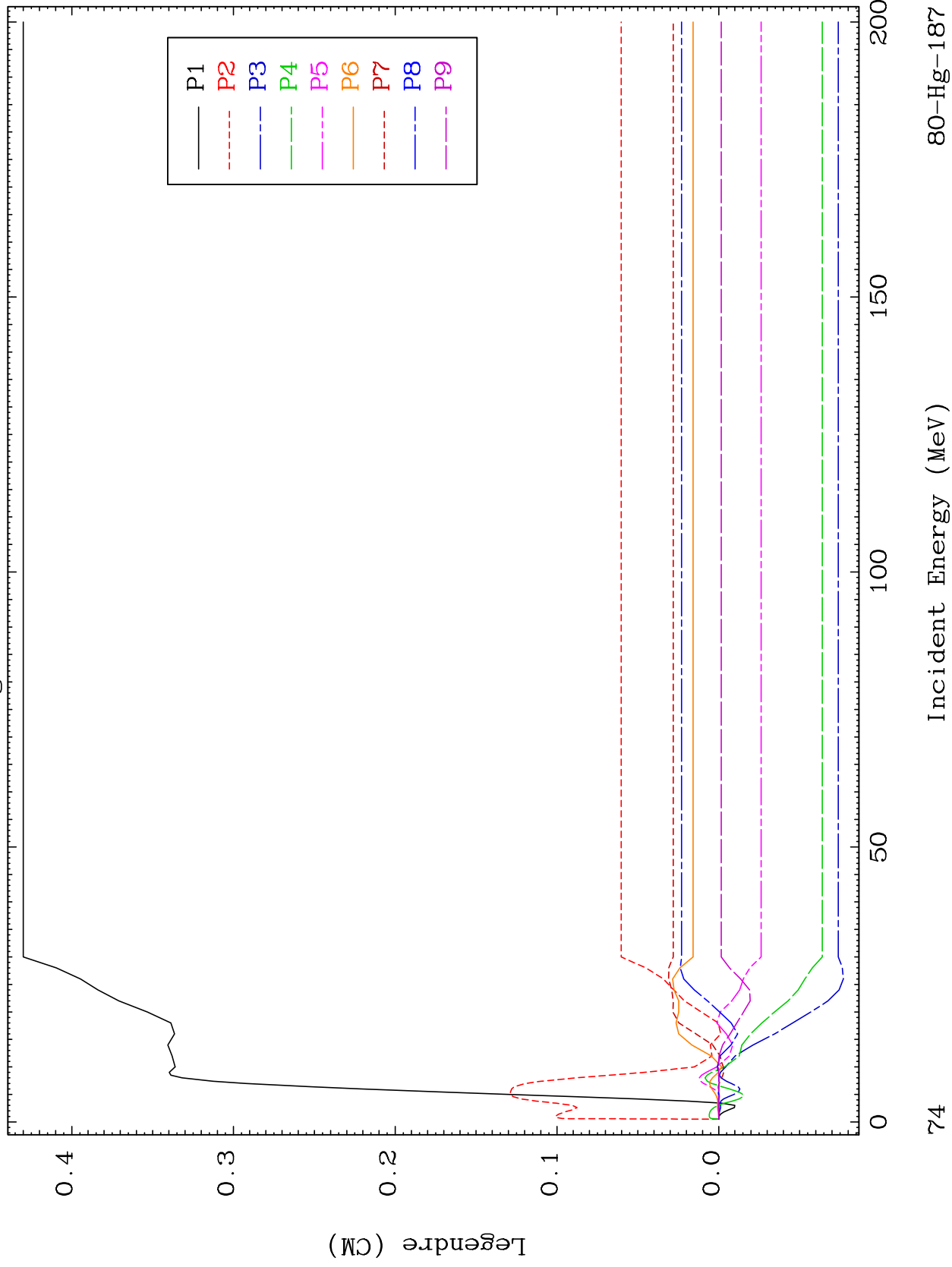




MAT 7998

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

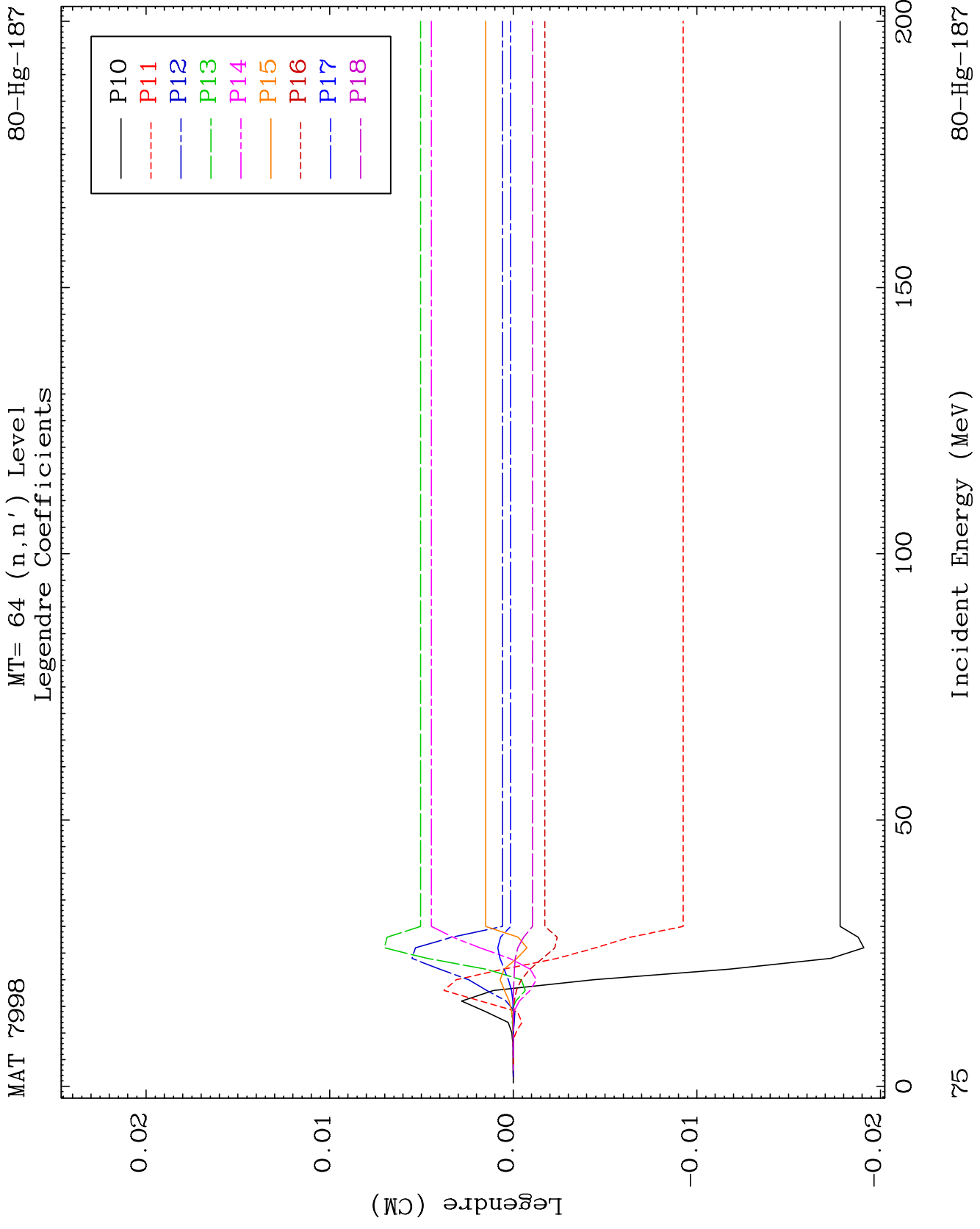
80-Hg-187



80-Hg-187

Incident Energy (MeV)

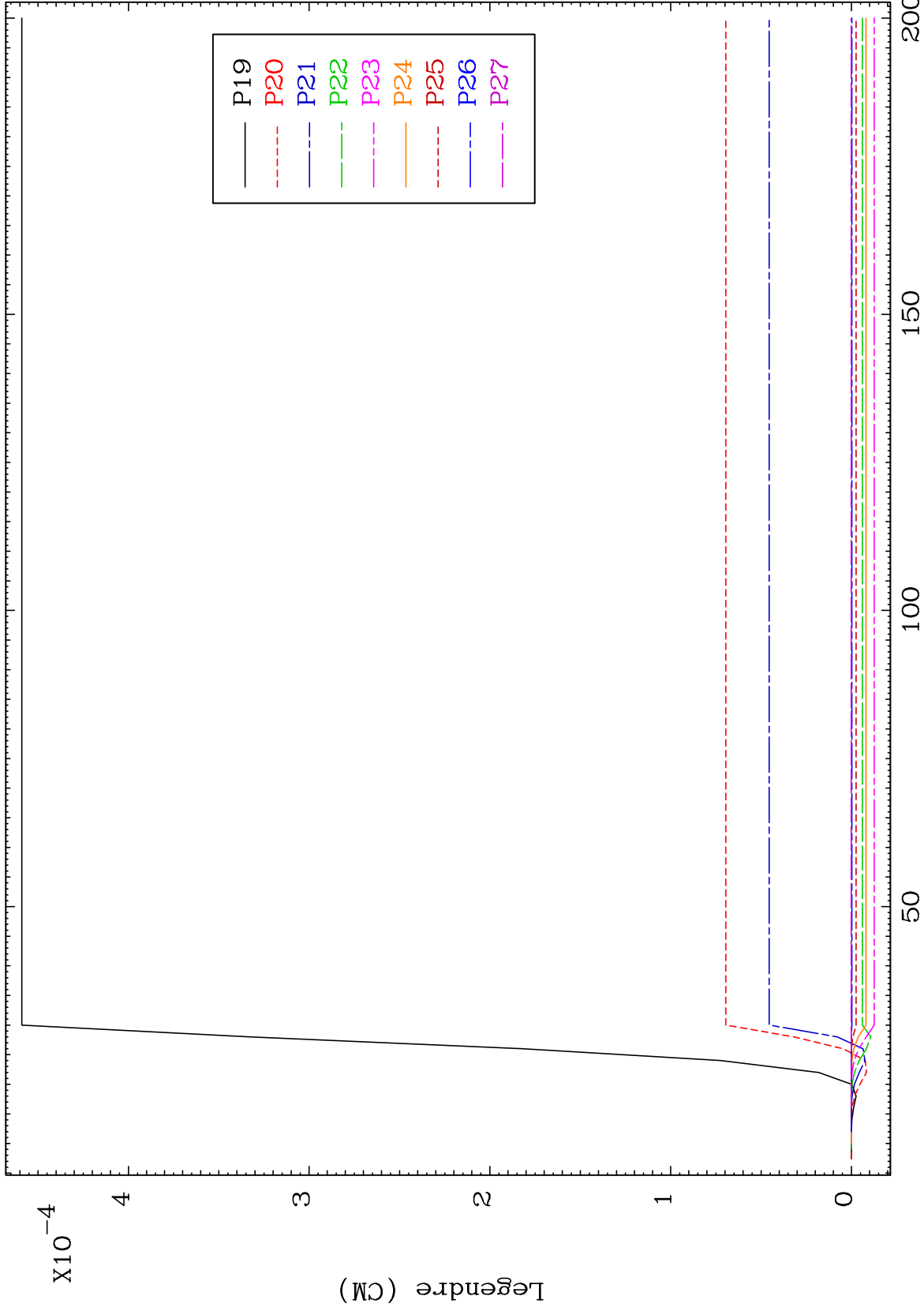
74



MAT 7998

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

80-Hg-187



76

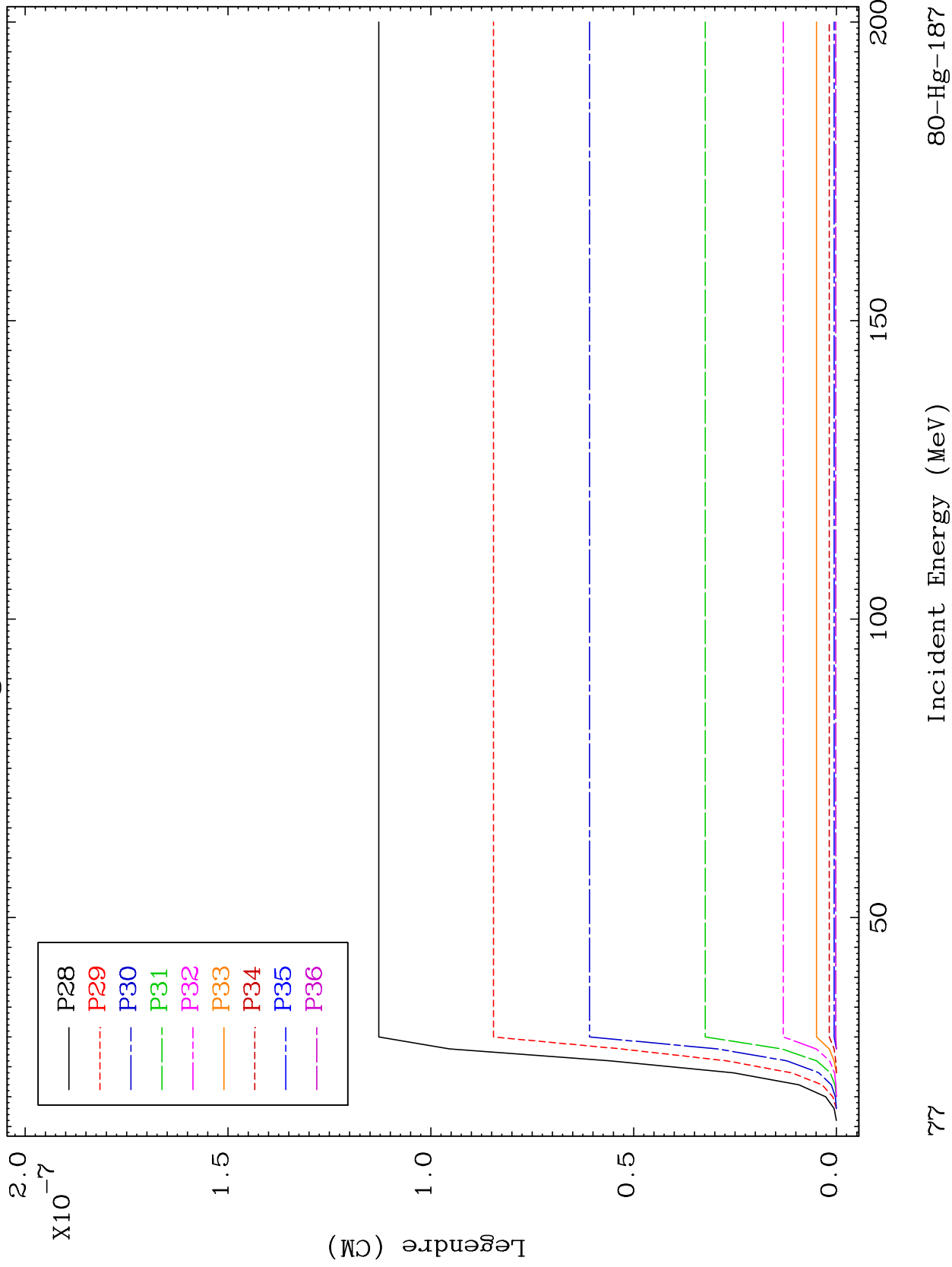
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

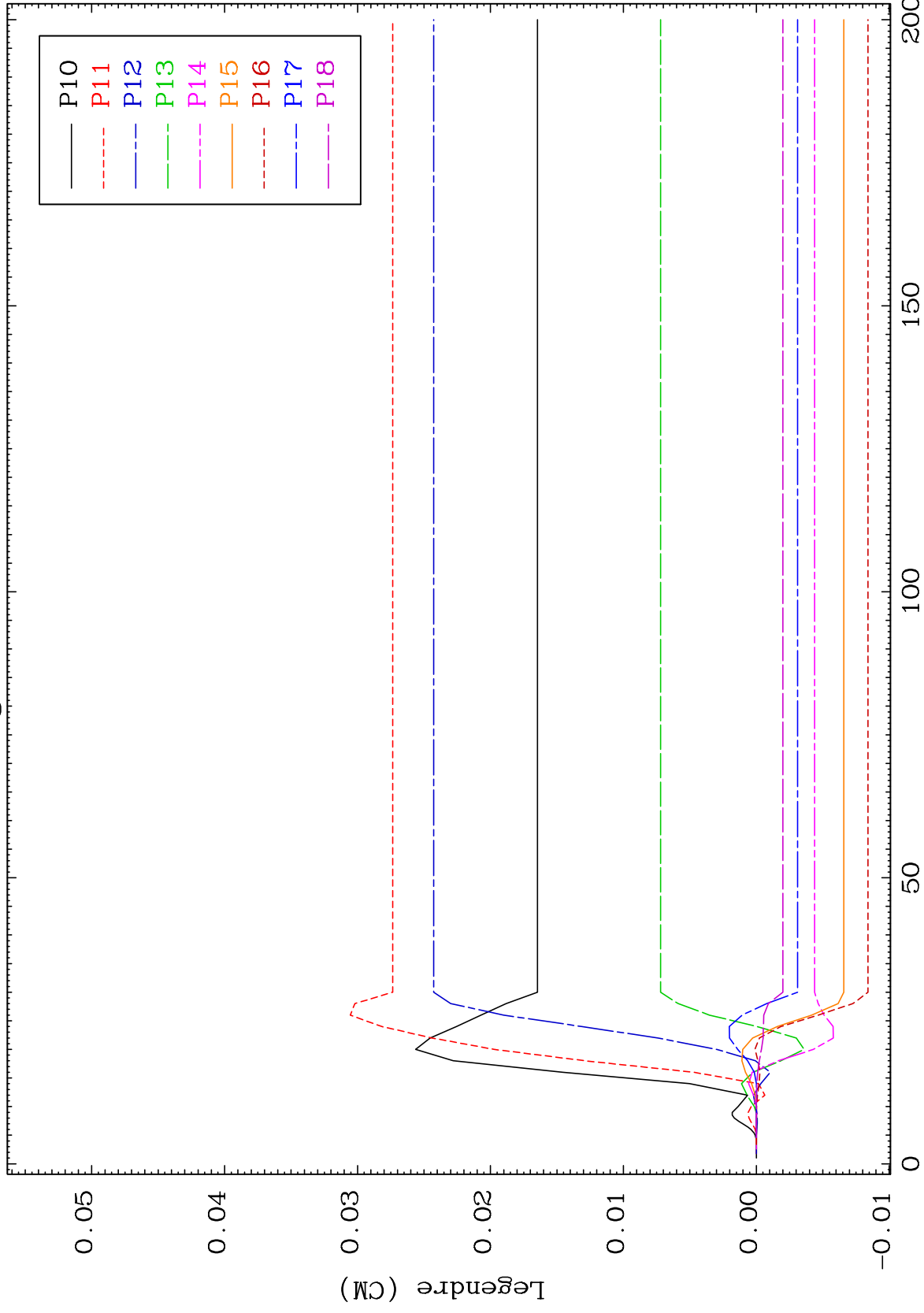
80-Hg-187



MAT 7998

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

80-Hg-187



79

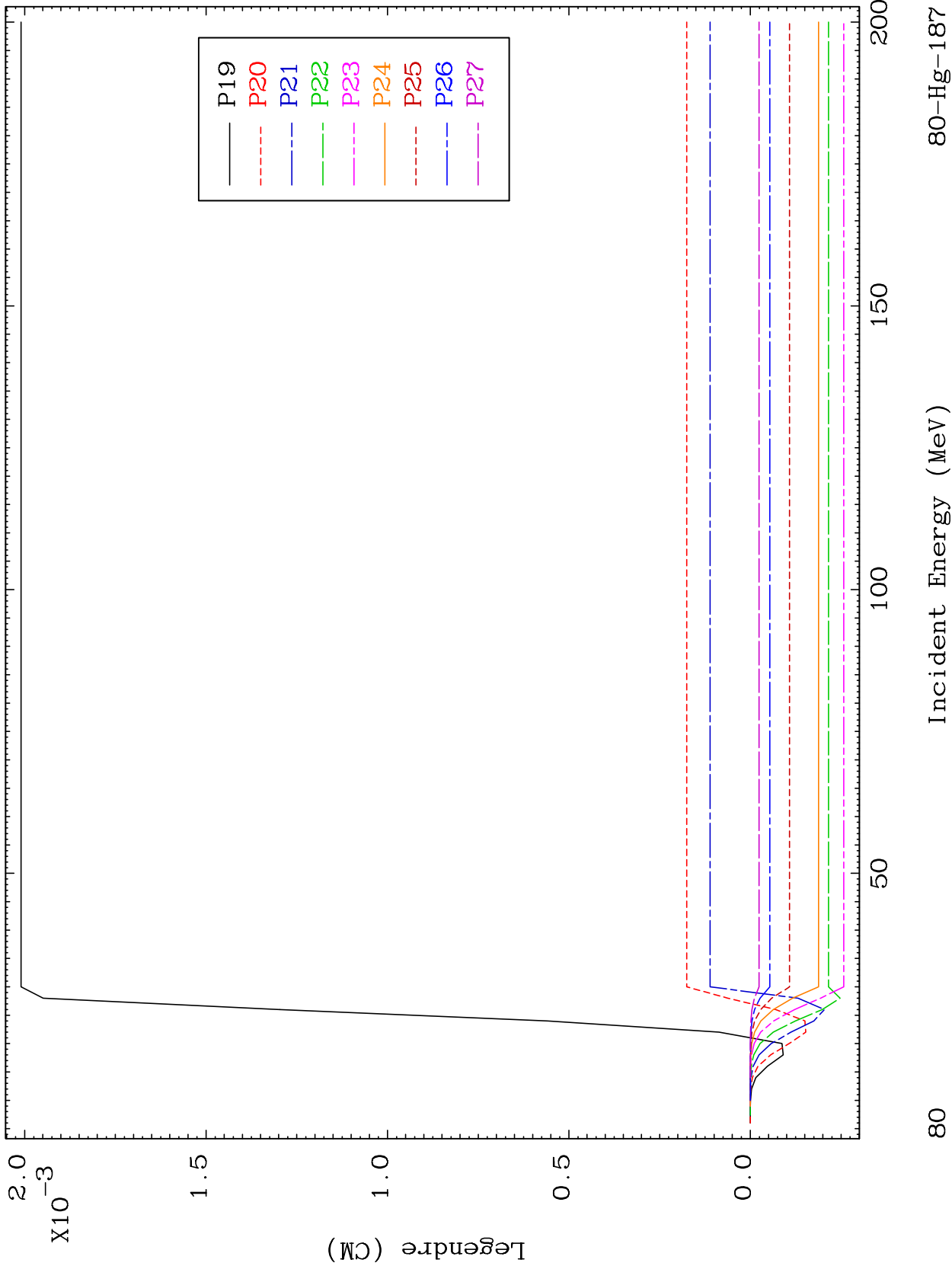
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

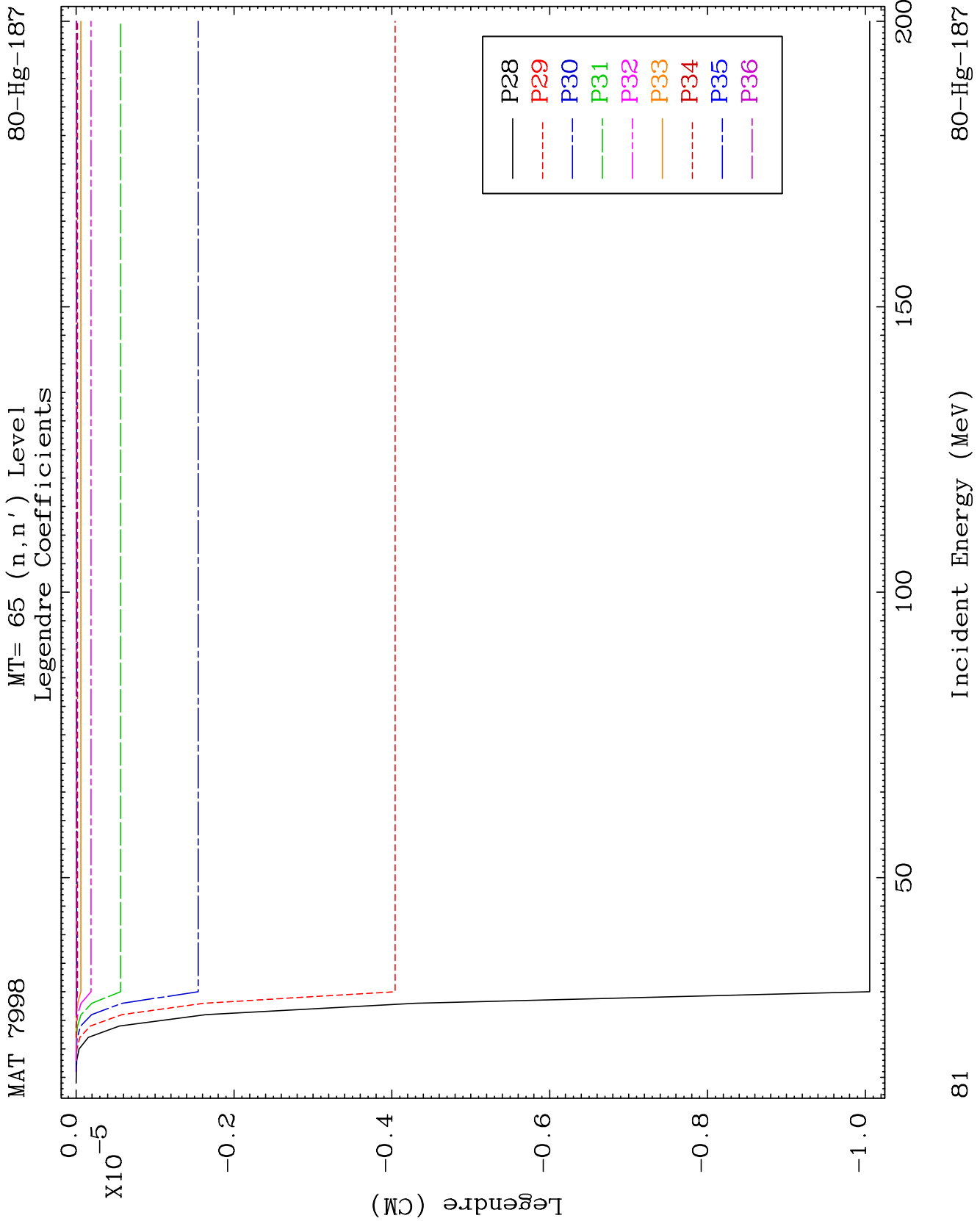
80-Hg-187



80

Incident Energy (MeV)

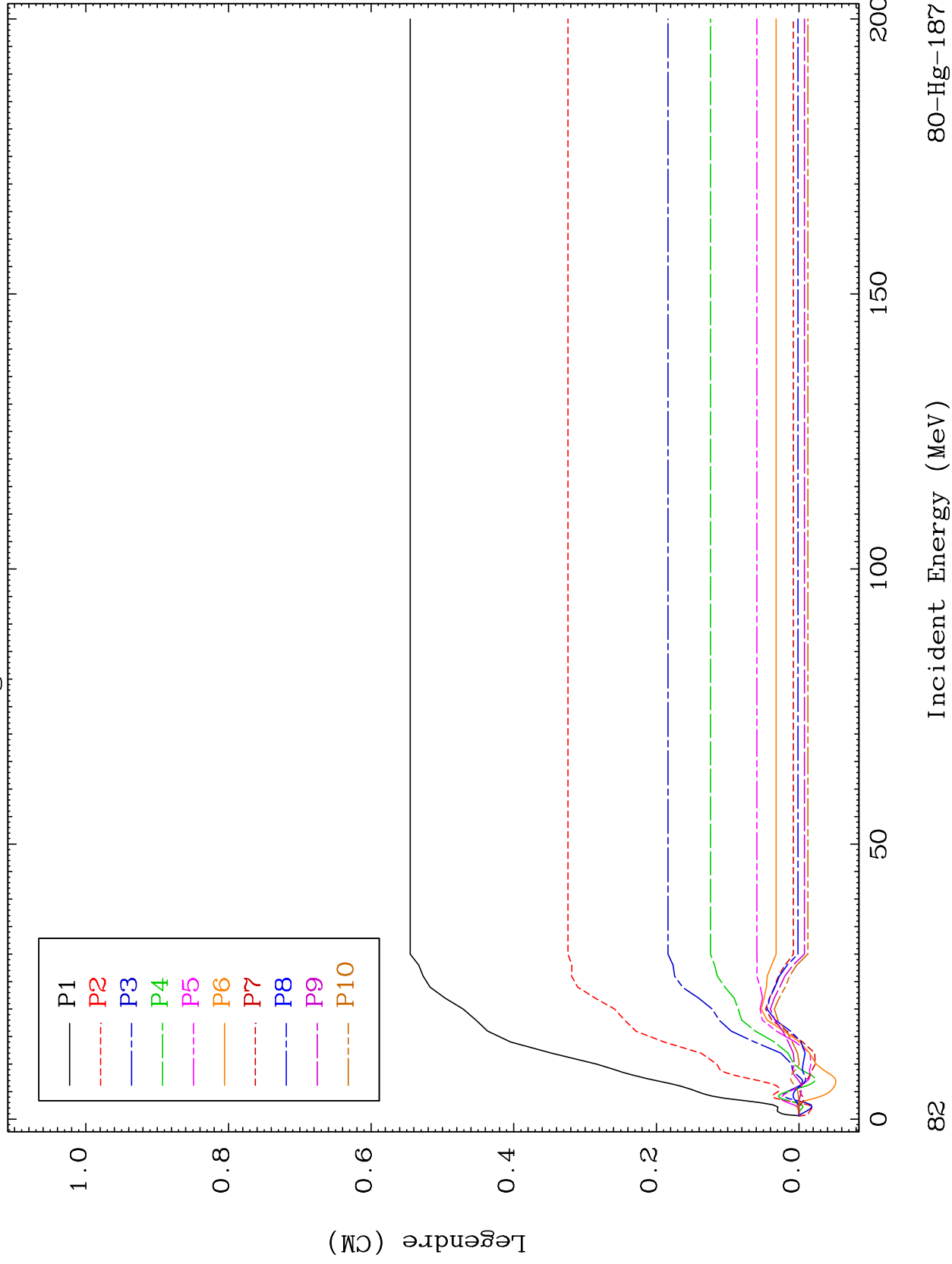
80-Hg-187



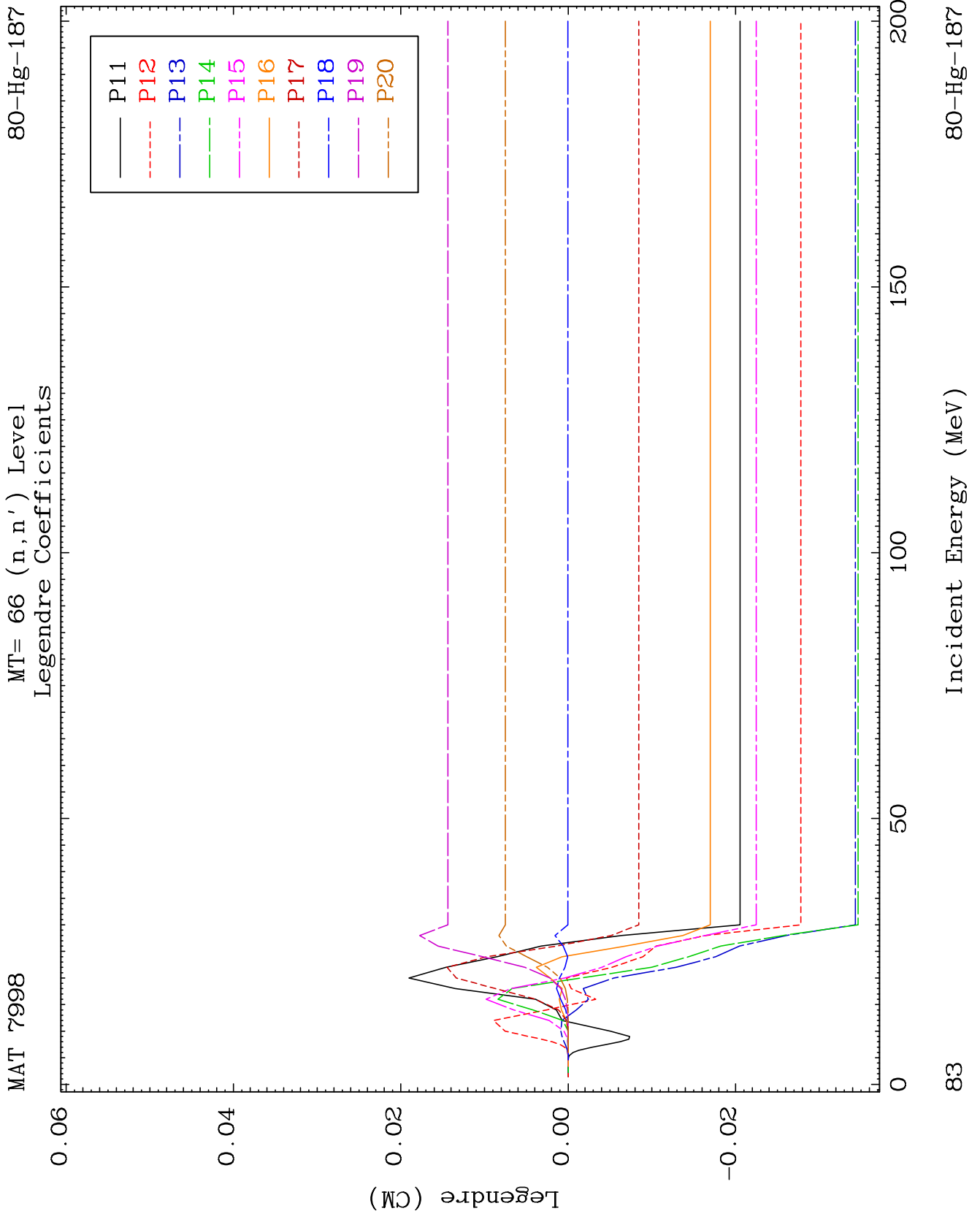
MAT 7998

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

80-Hg-187



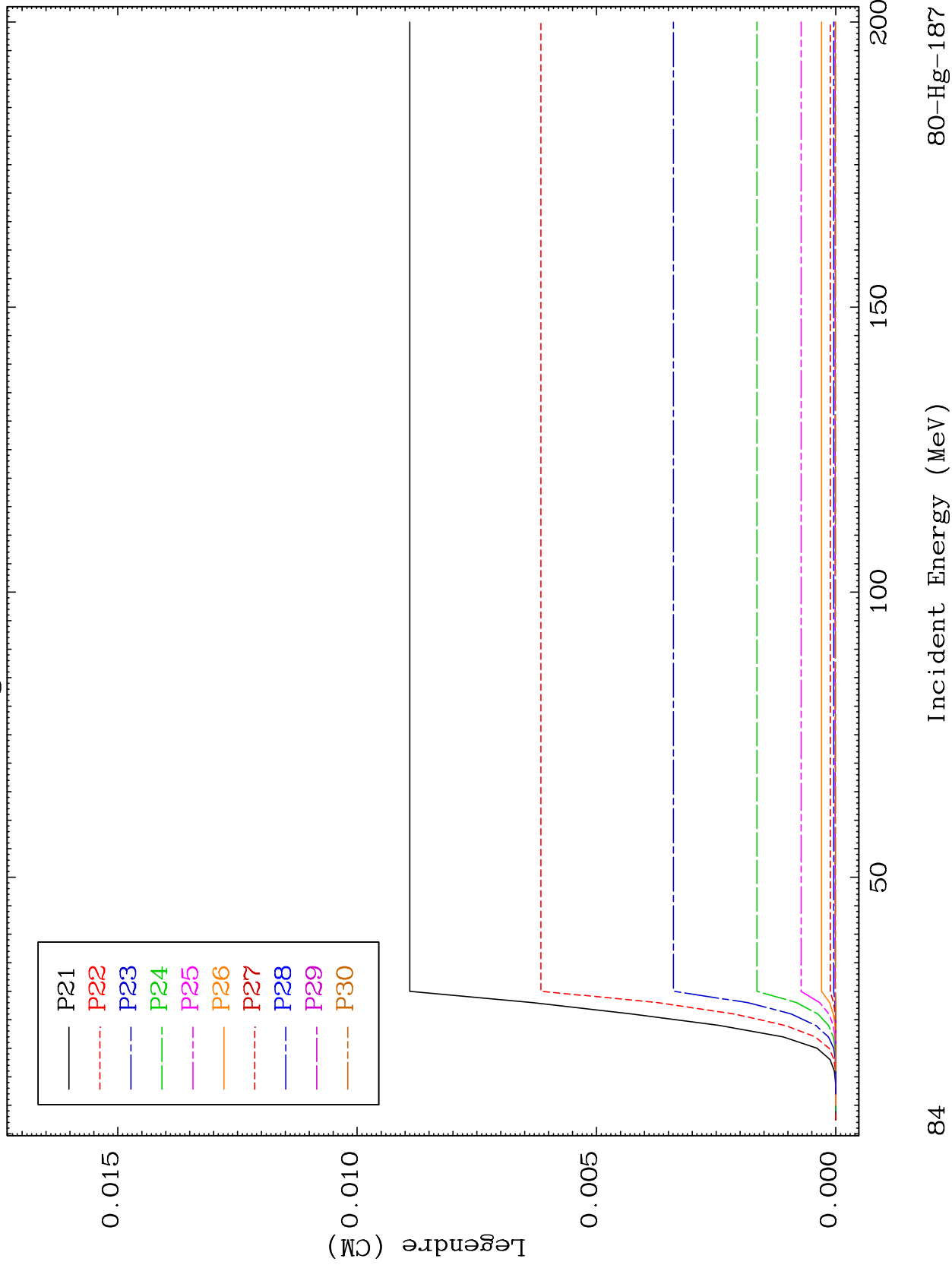
82



MAT 7998

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

80-Hg-187



84

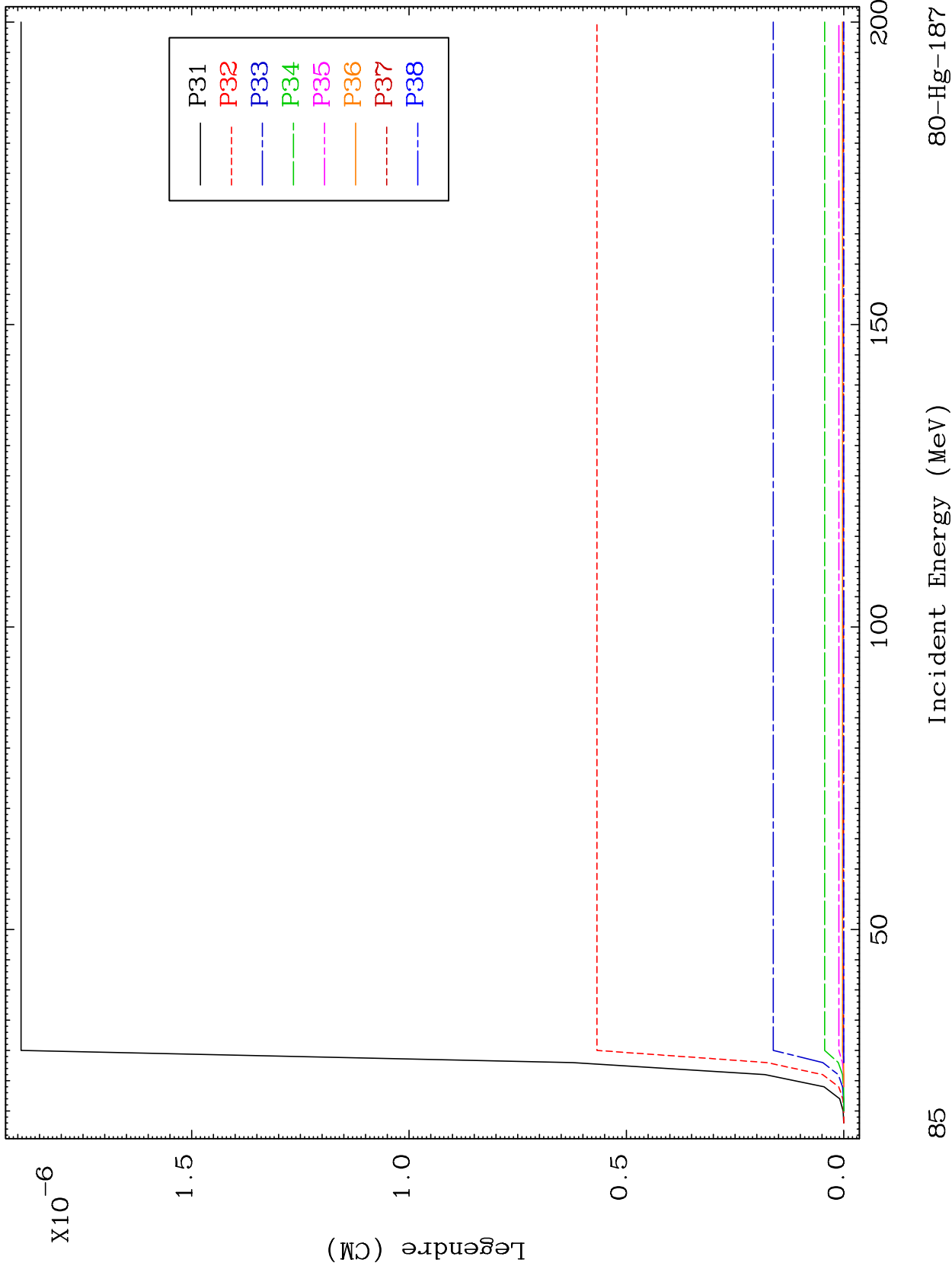
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



85

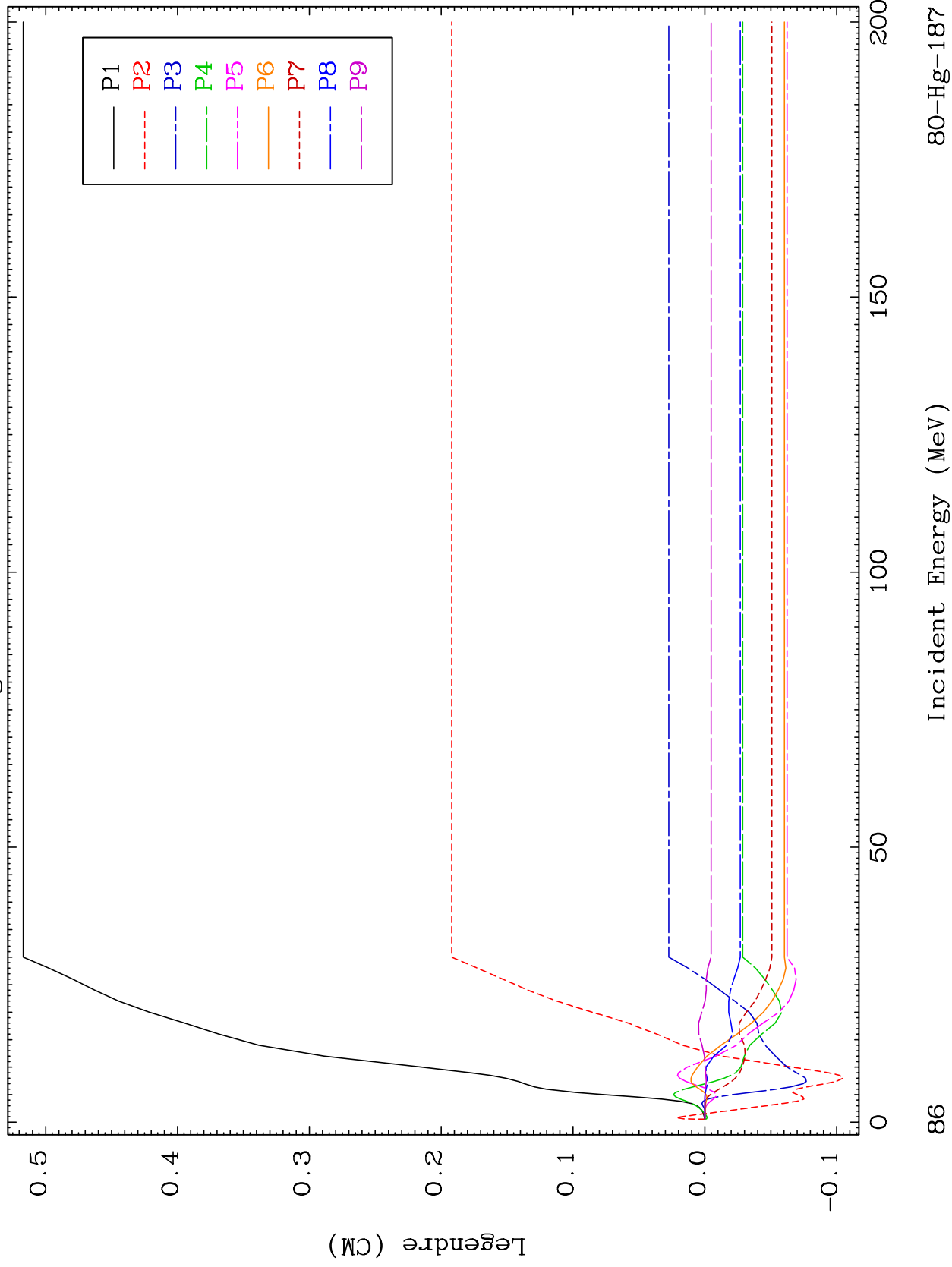
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



80-Hg-187

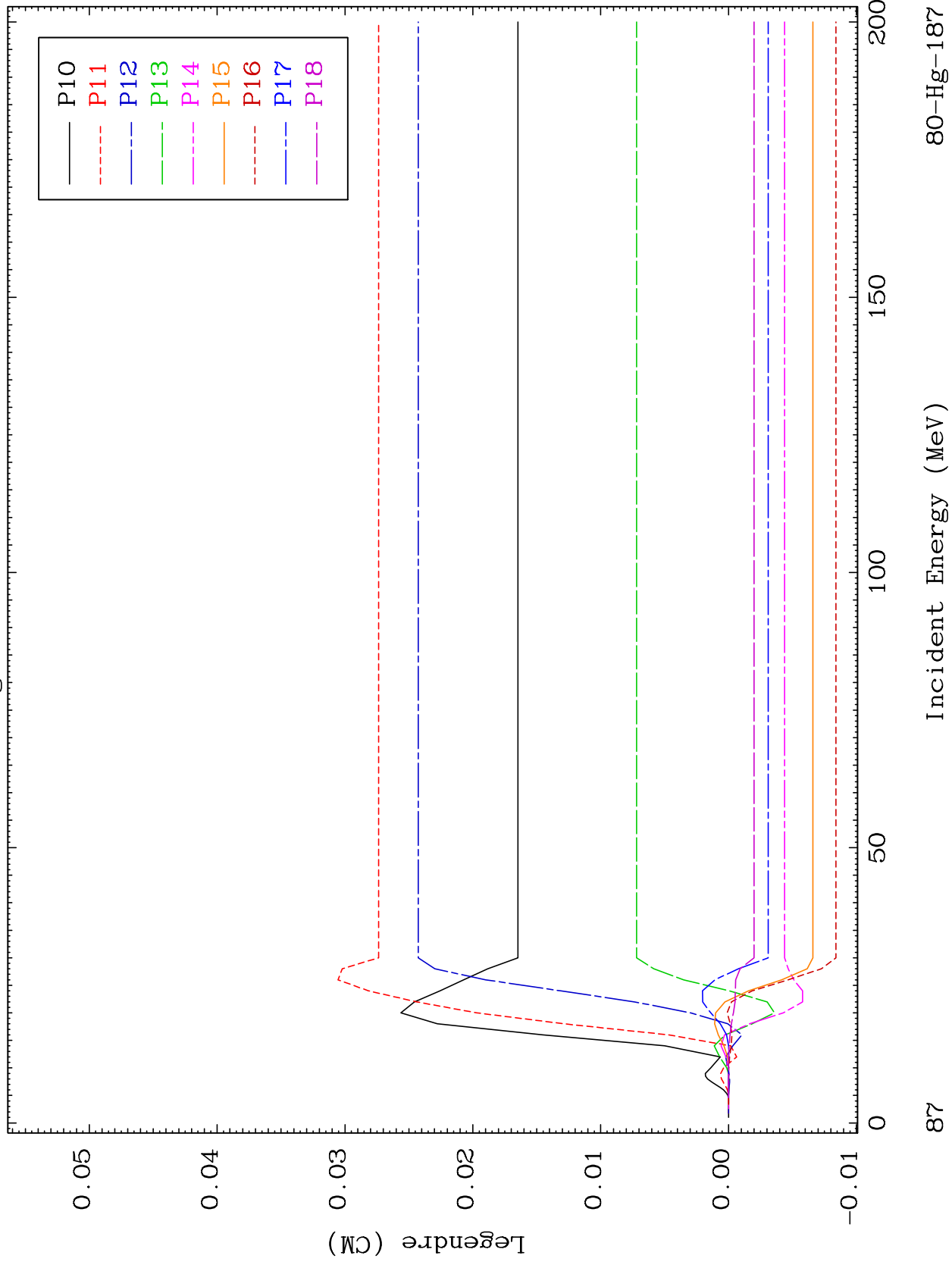
Incident Energy (MeV)

86

MAT 7998

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

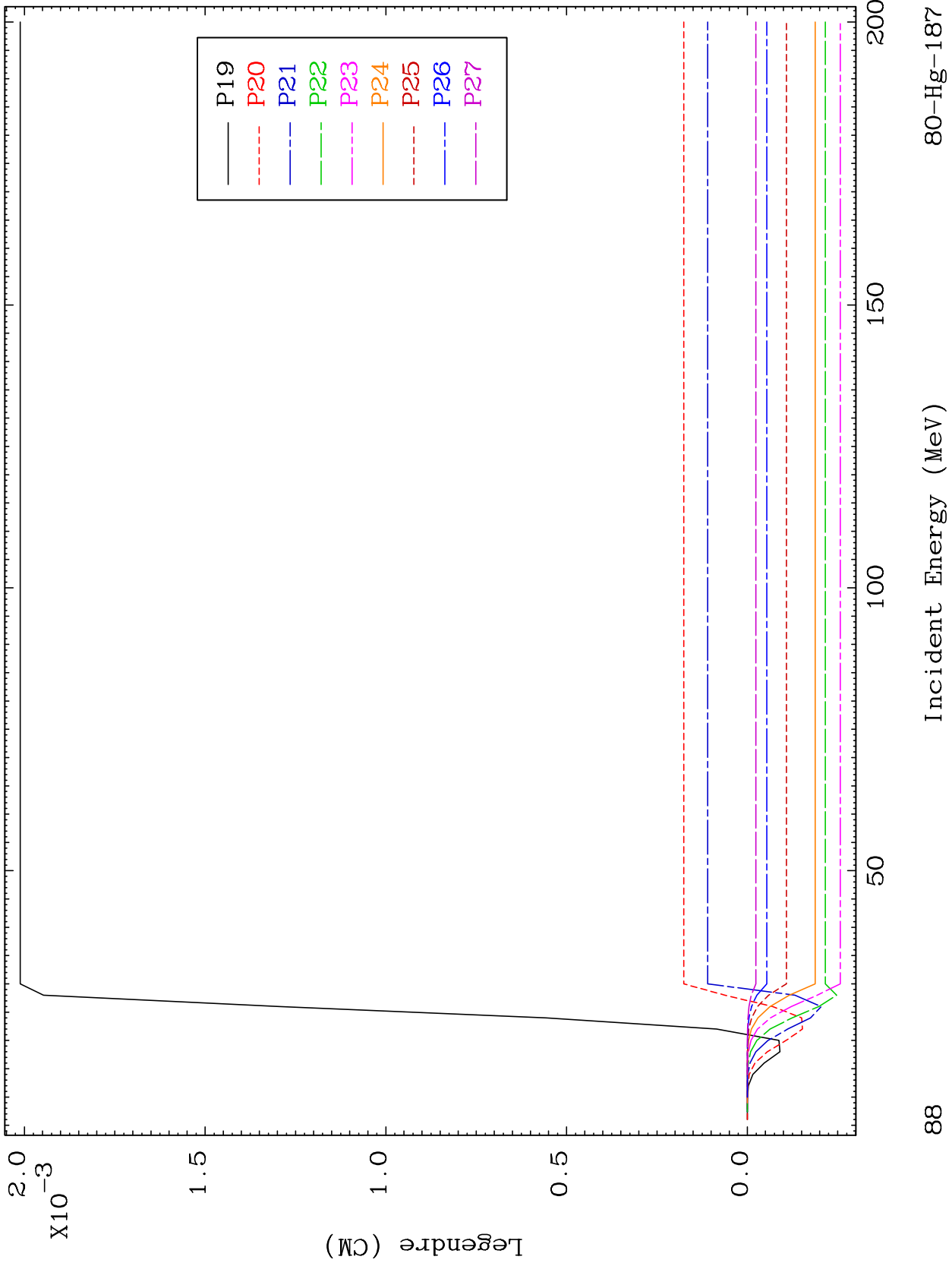
80-Hg-187

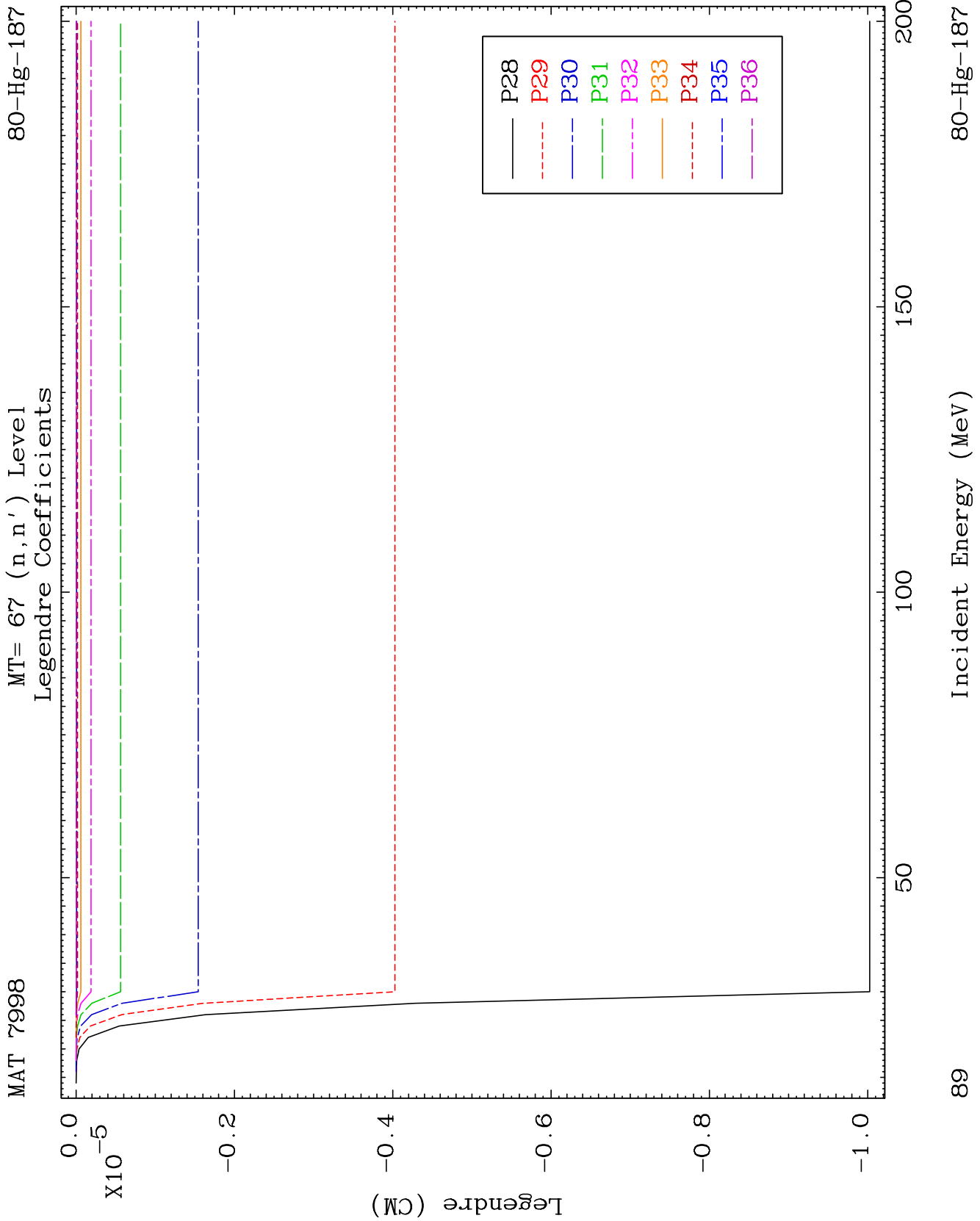


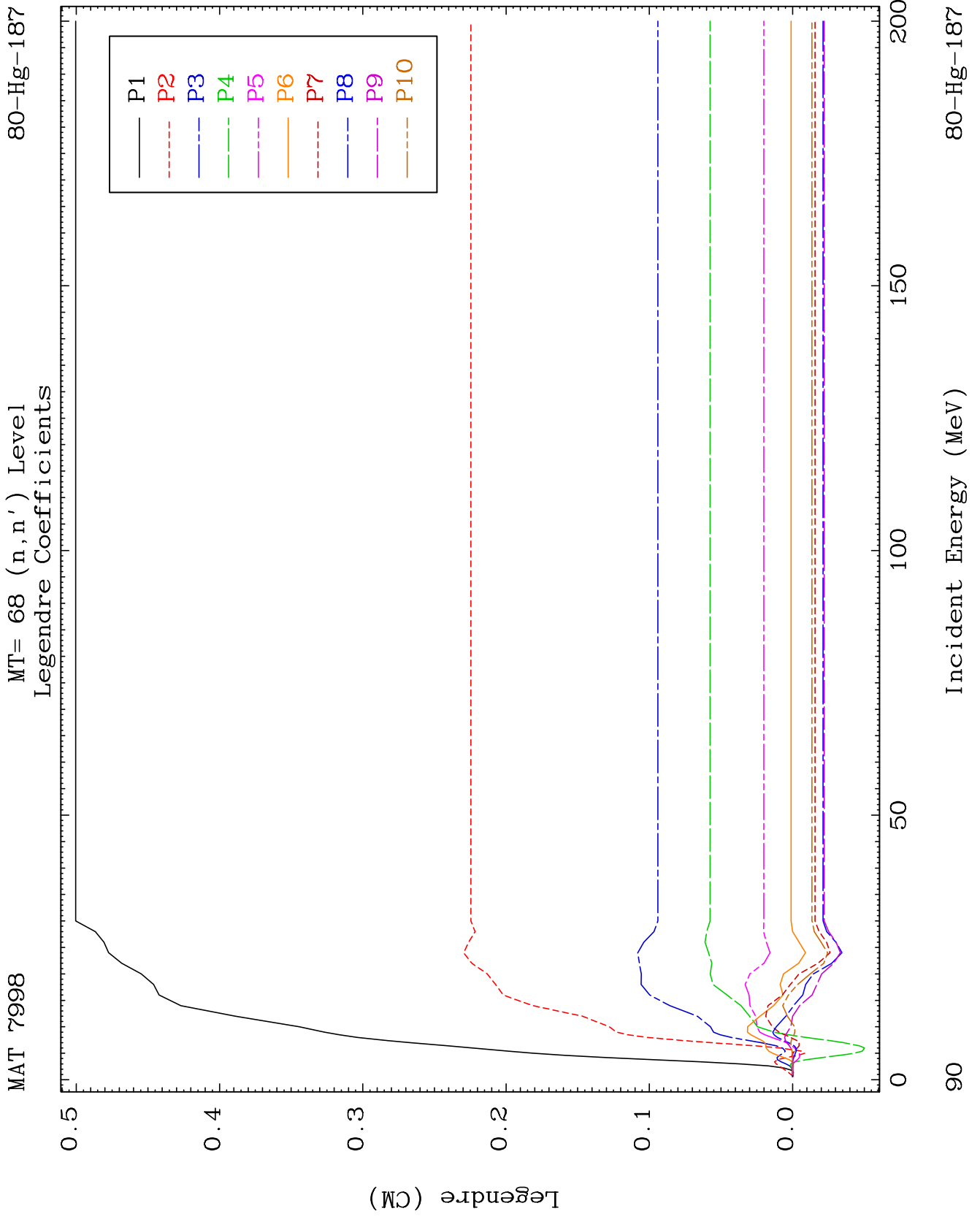
87

Incident Energy (MeV)

80-Hg-187



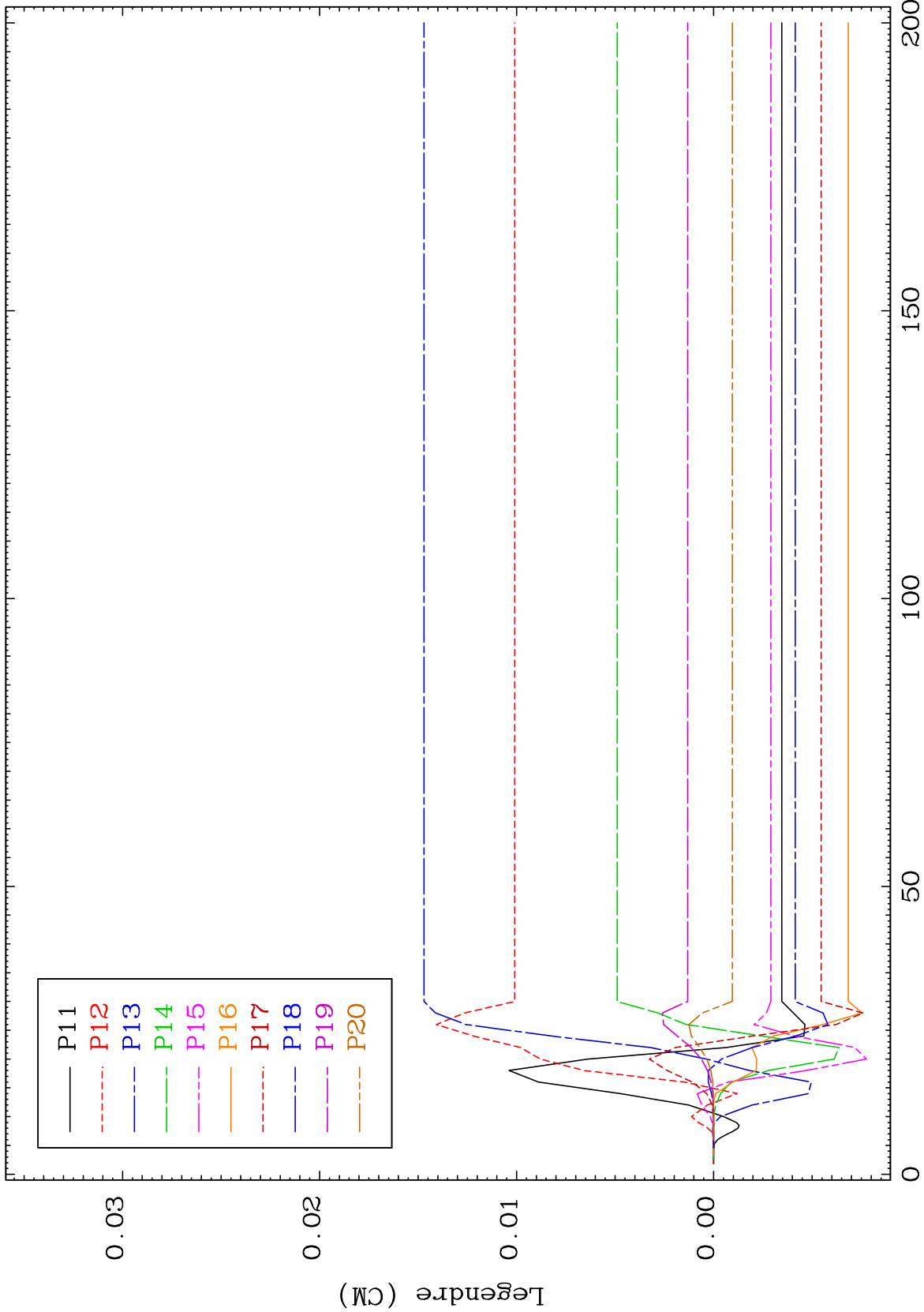




MAT 7998

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

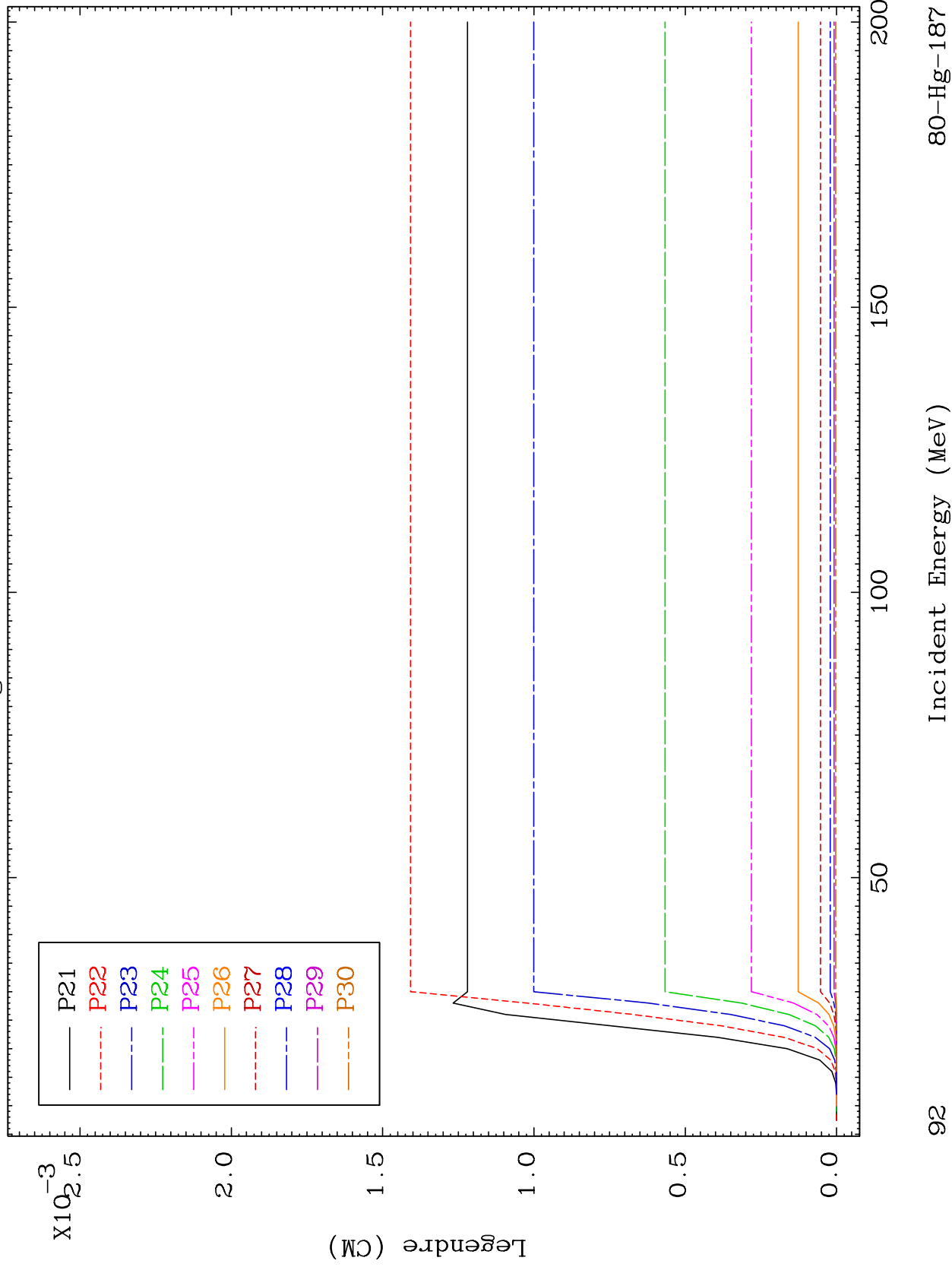
80-Hg-187



MAT 7998

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

80-Hg-187

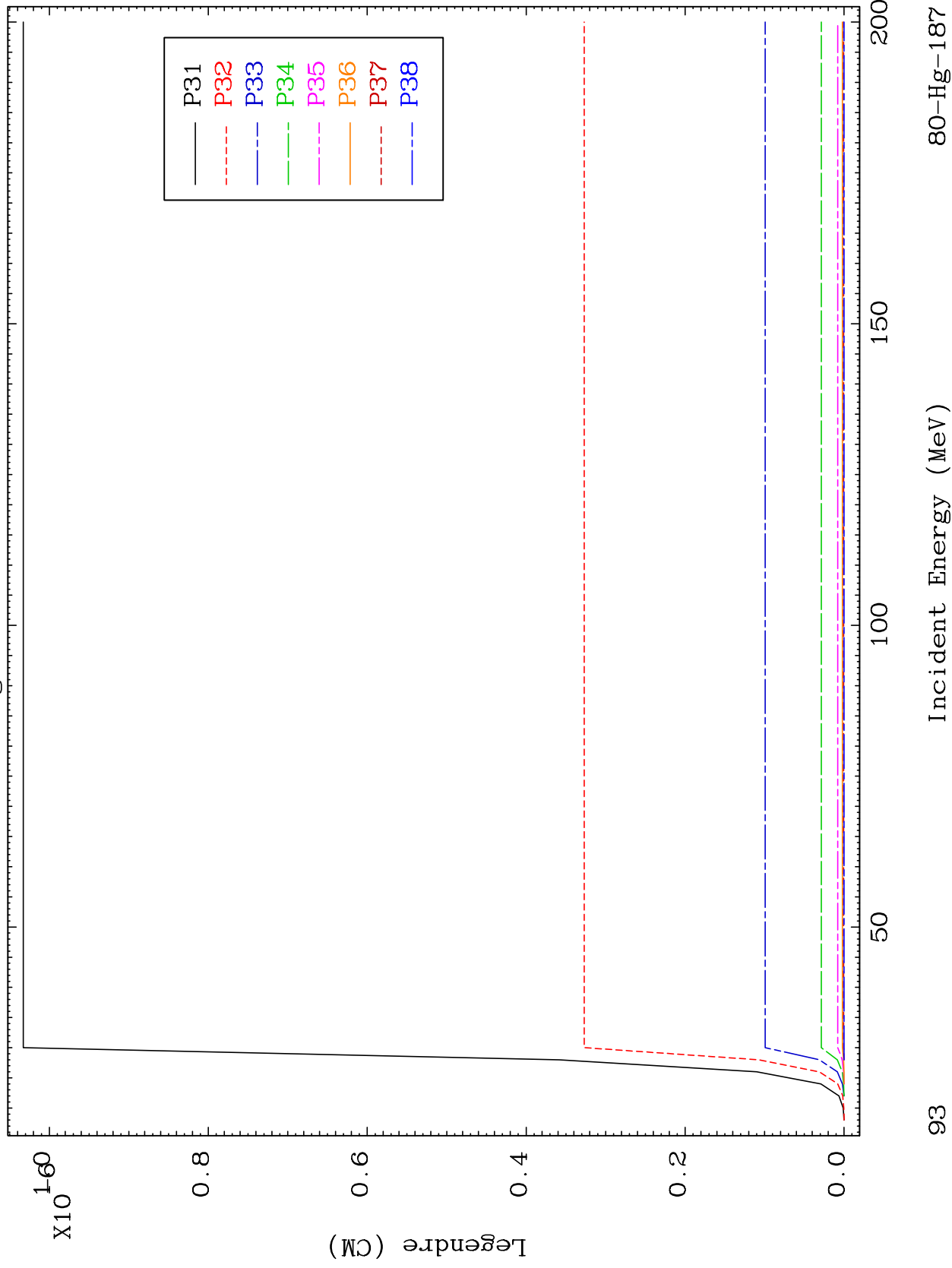


92

MAT 7998

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

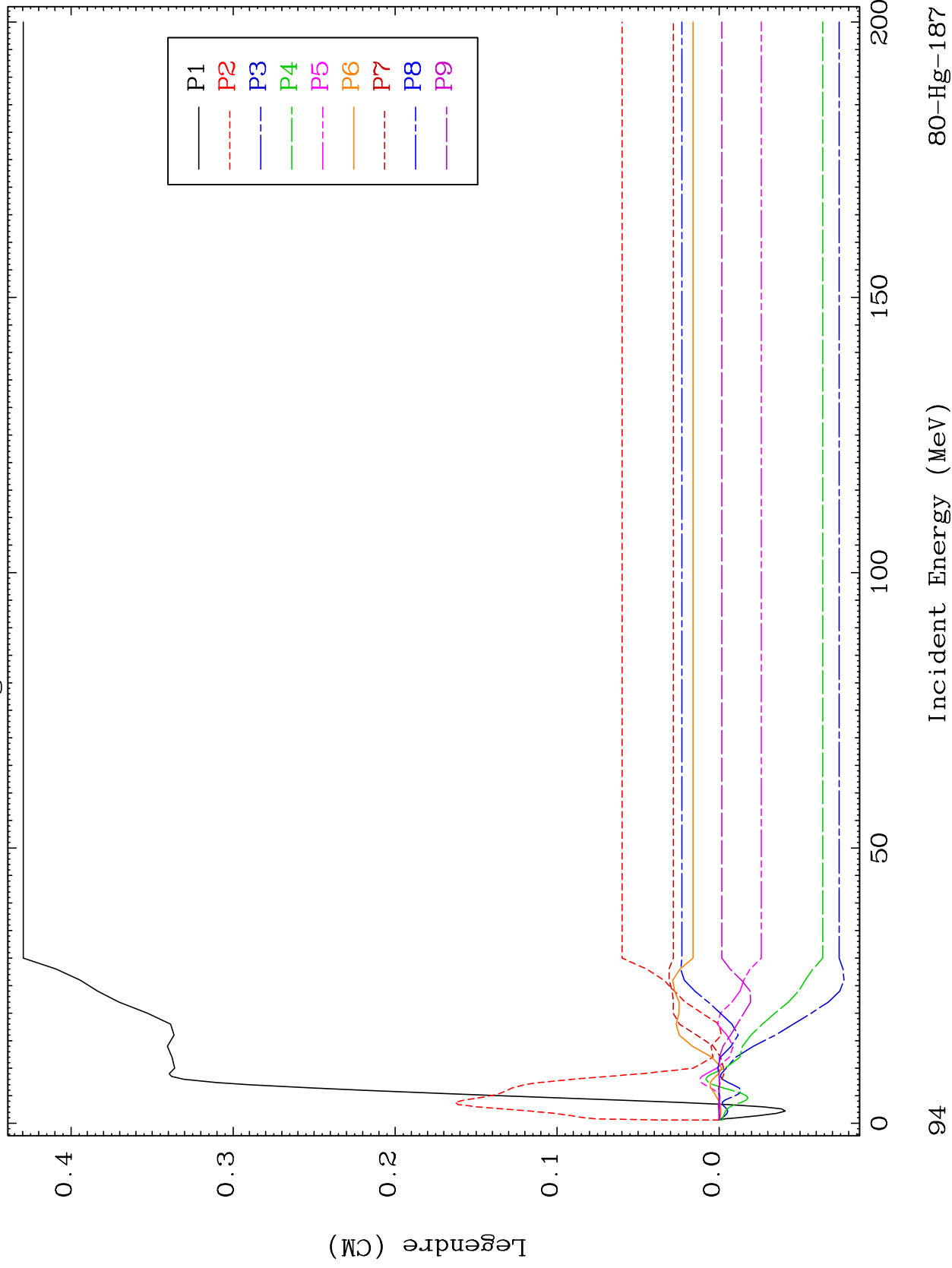
80-Hg-187



MAT 7998

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

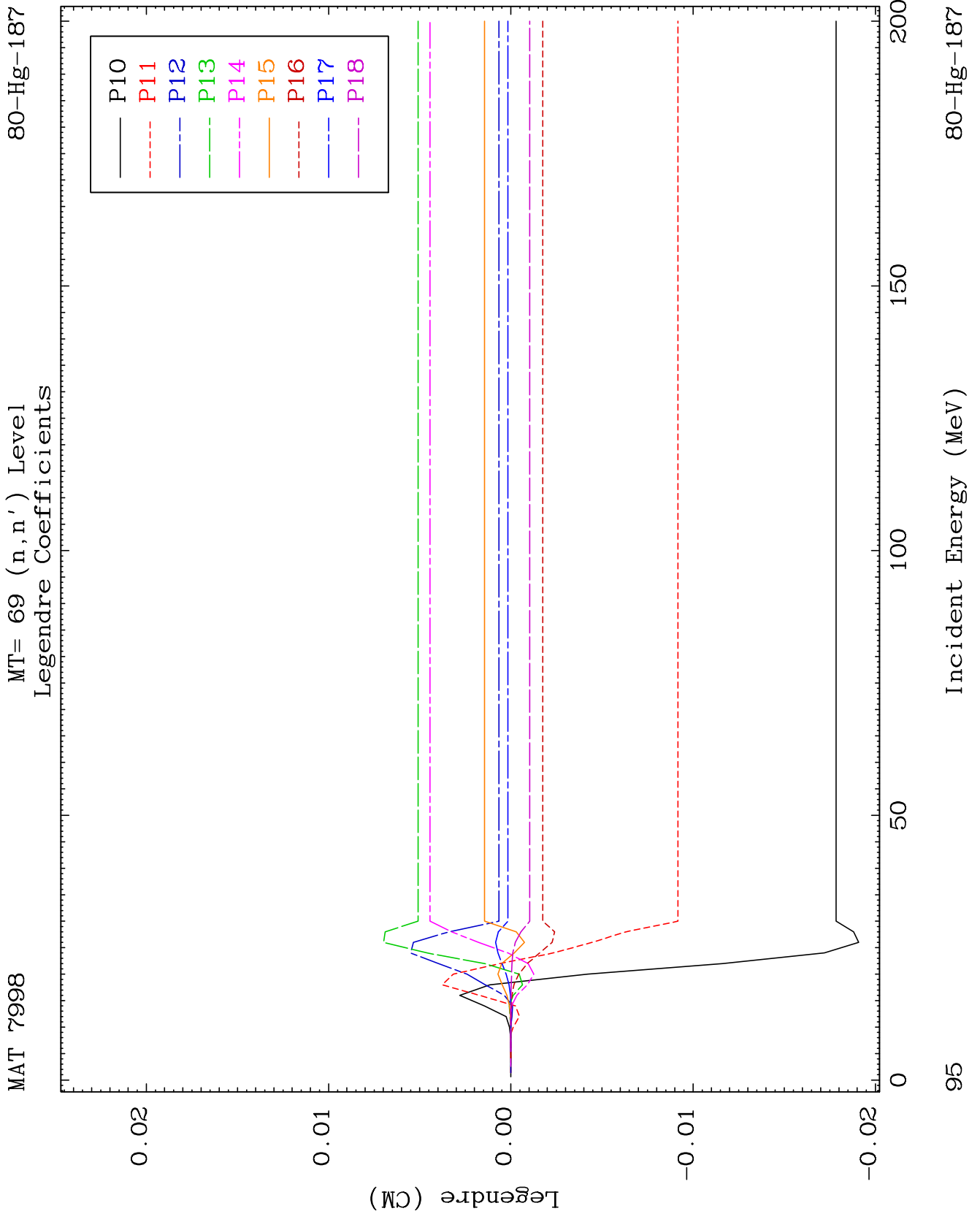
80-Hg-187



94

Incident Energy (MeV)

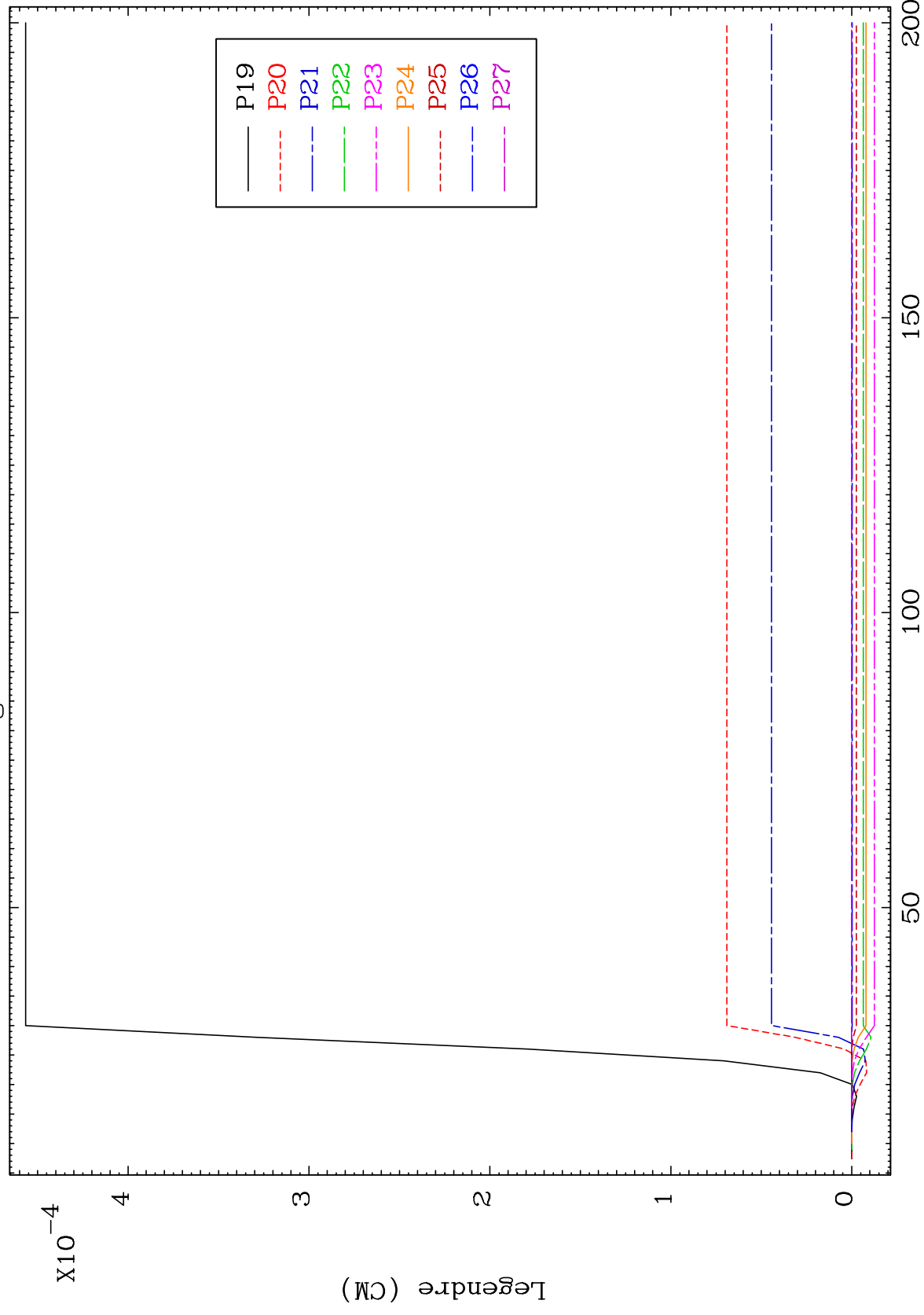
80-Hg-187



MAT 7998

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

80-Hg-187



96

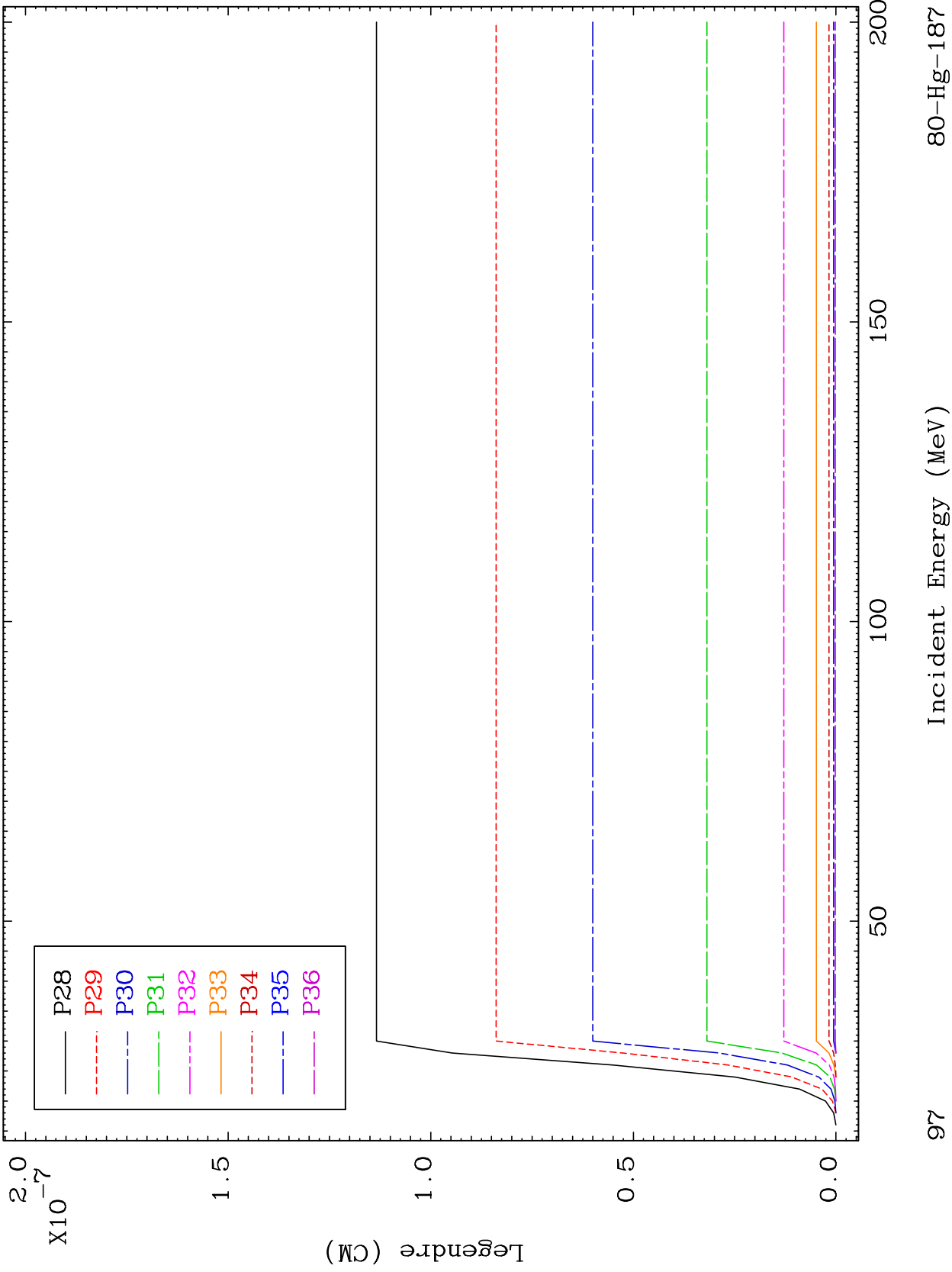
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



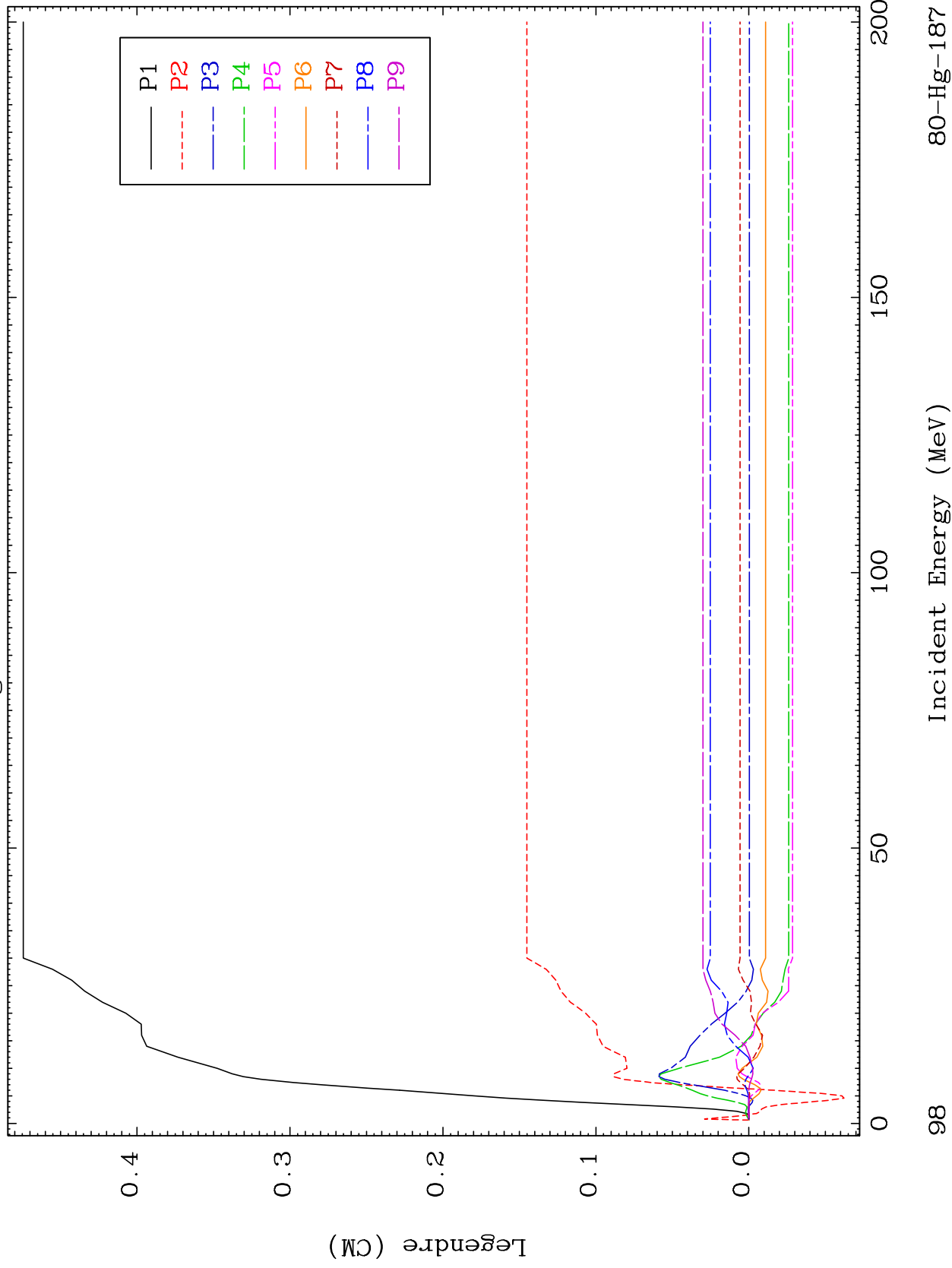
97

80-Hg-187

MAT 7998

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

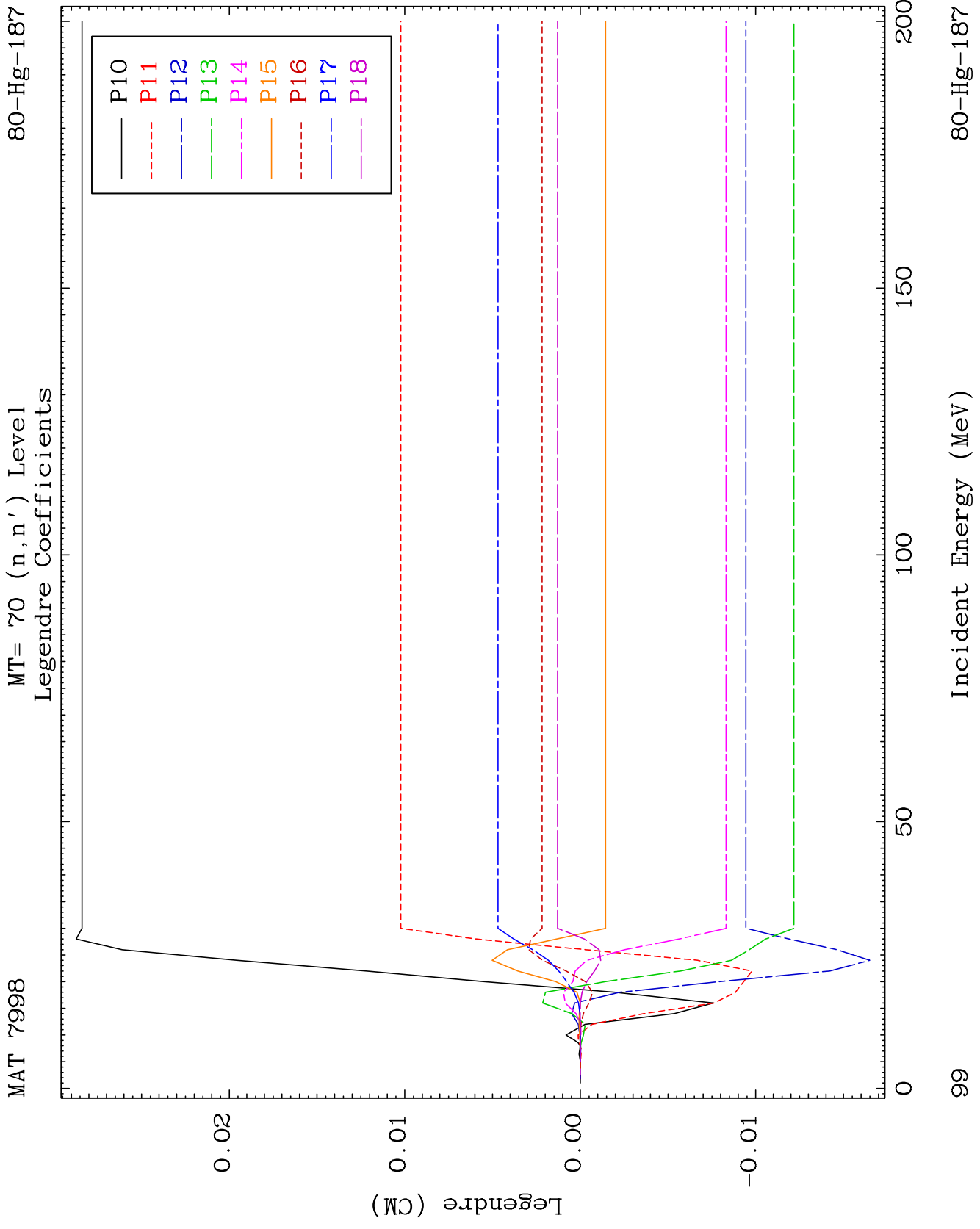
80-Hg-187



80-Hg-187

Incident Energy (MeV)

98



80-Hg-187

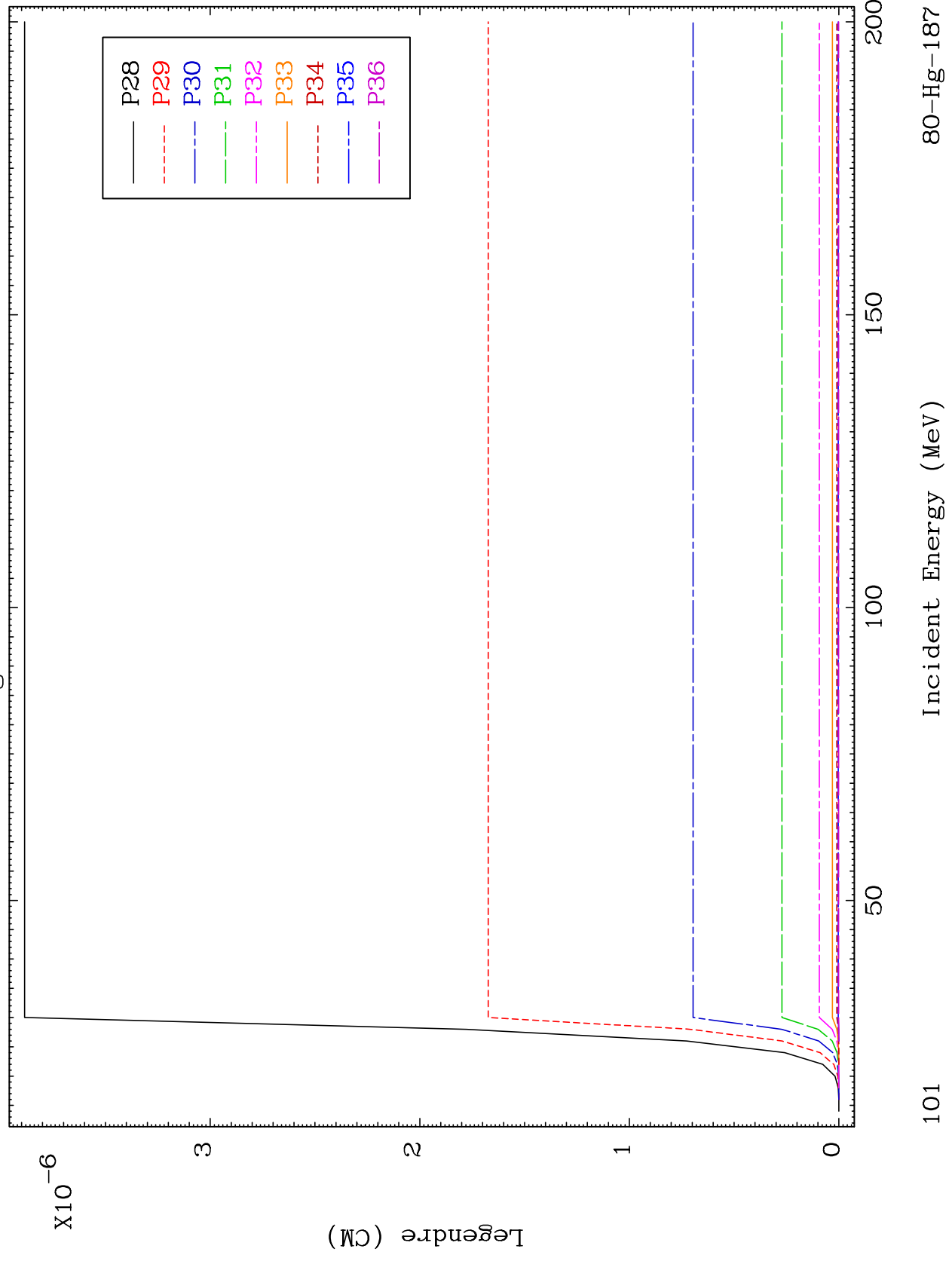
Incident Energy (MeV)

99

MAT 7998

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

80-Hg-187



101

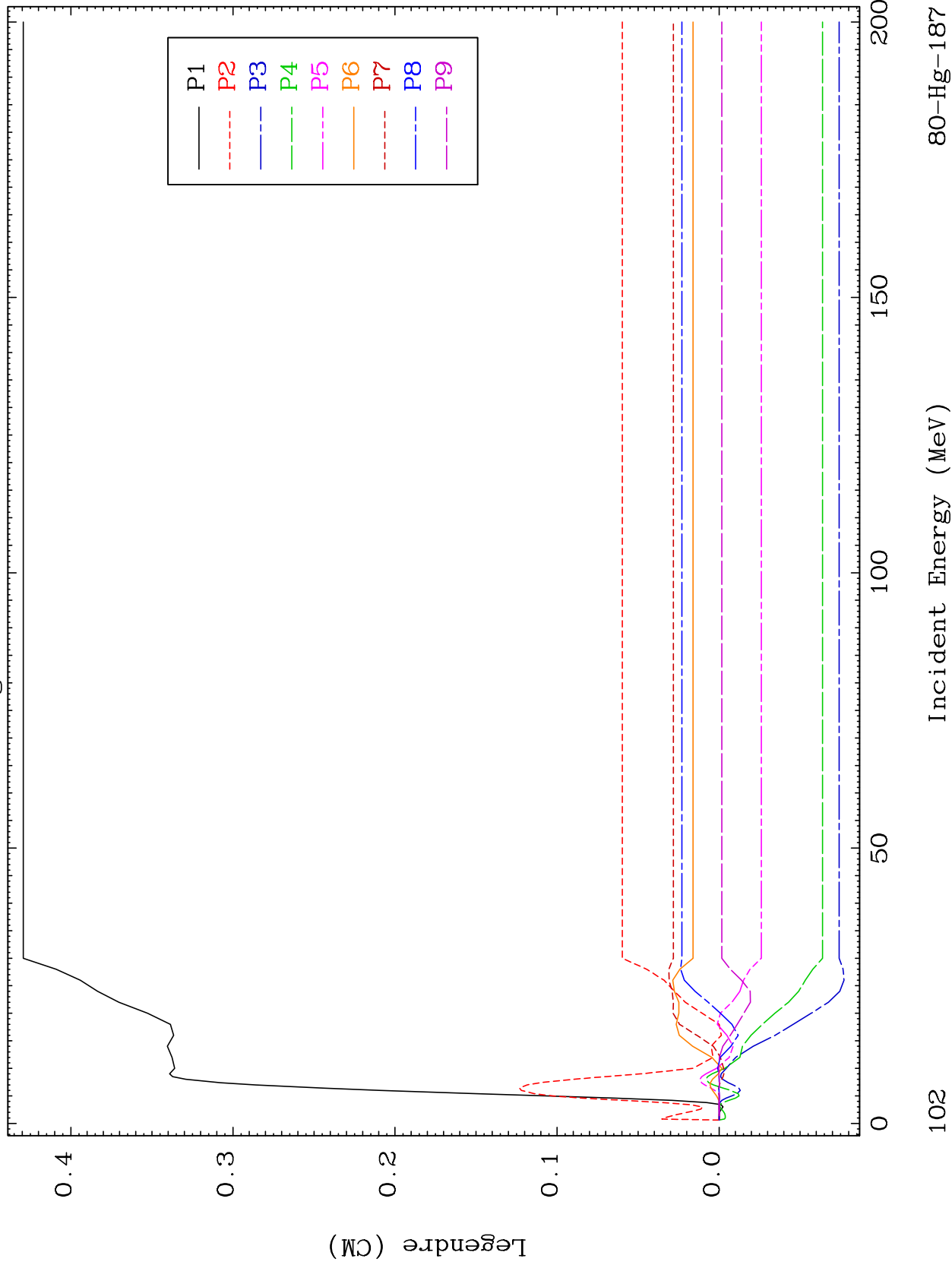
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

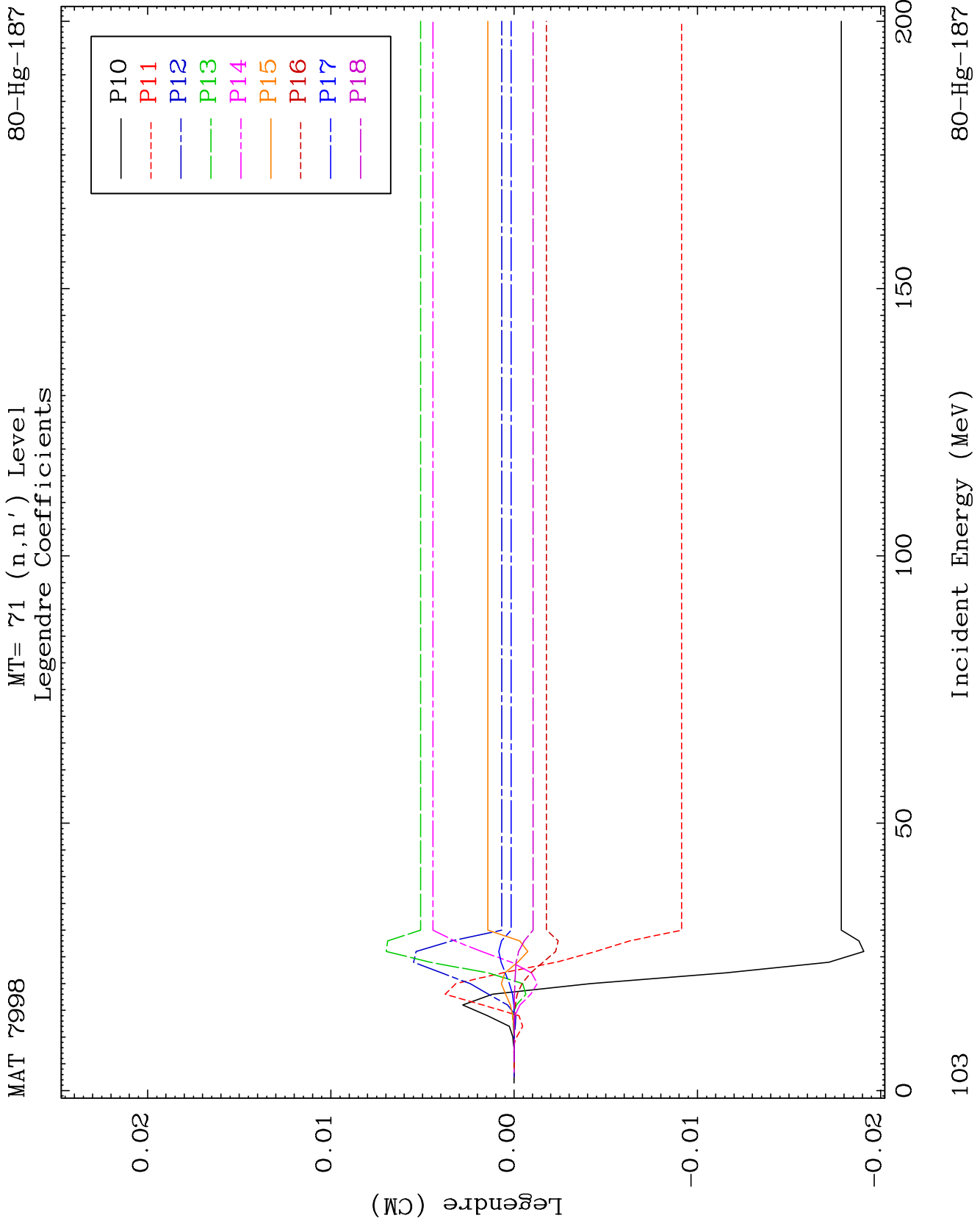
80-Hg-187



80-Hg-187

Incident Energy (MeV)

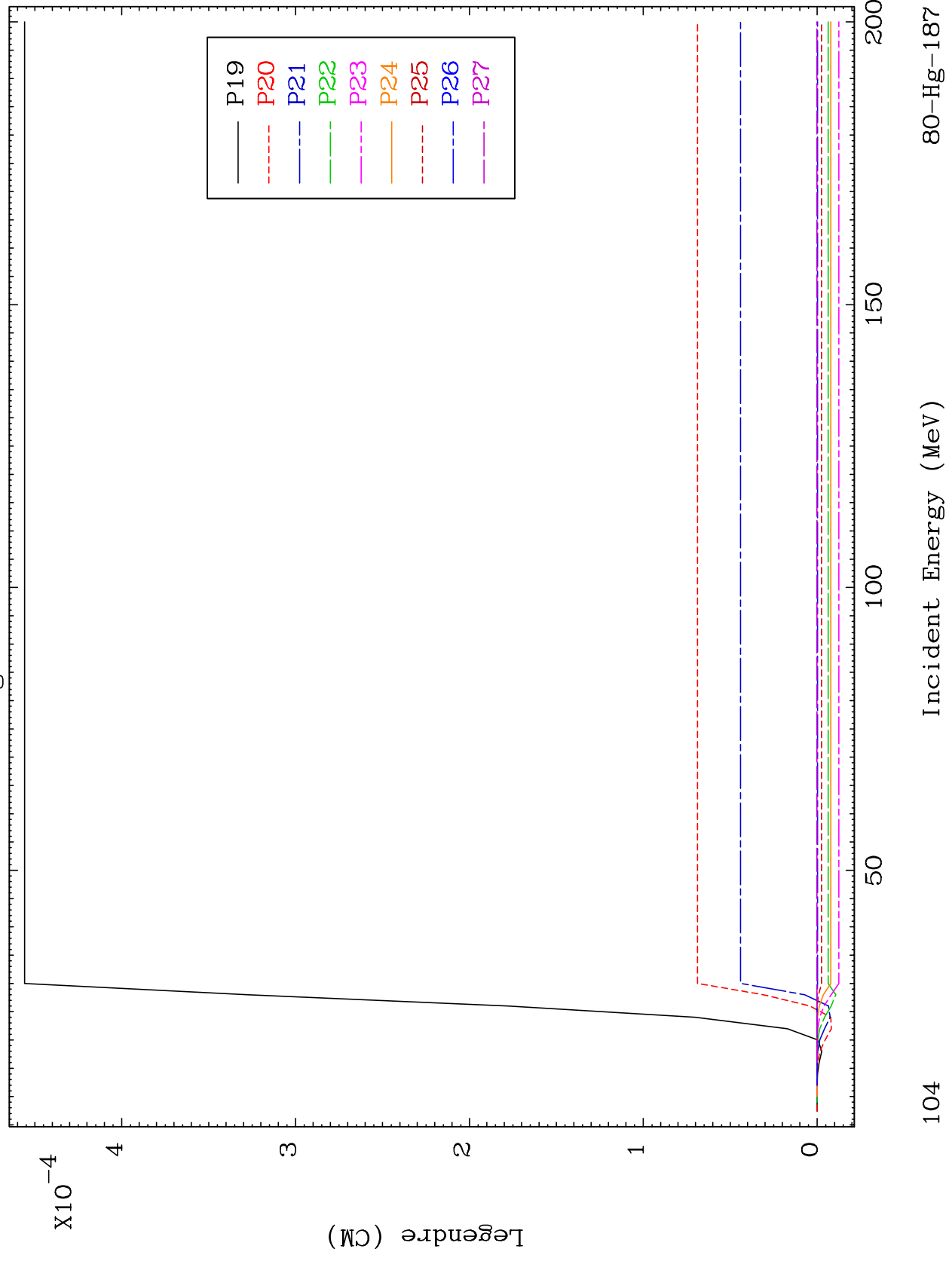
102



MAT 7998

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

80-Hg-187



104

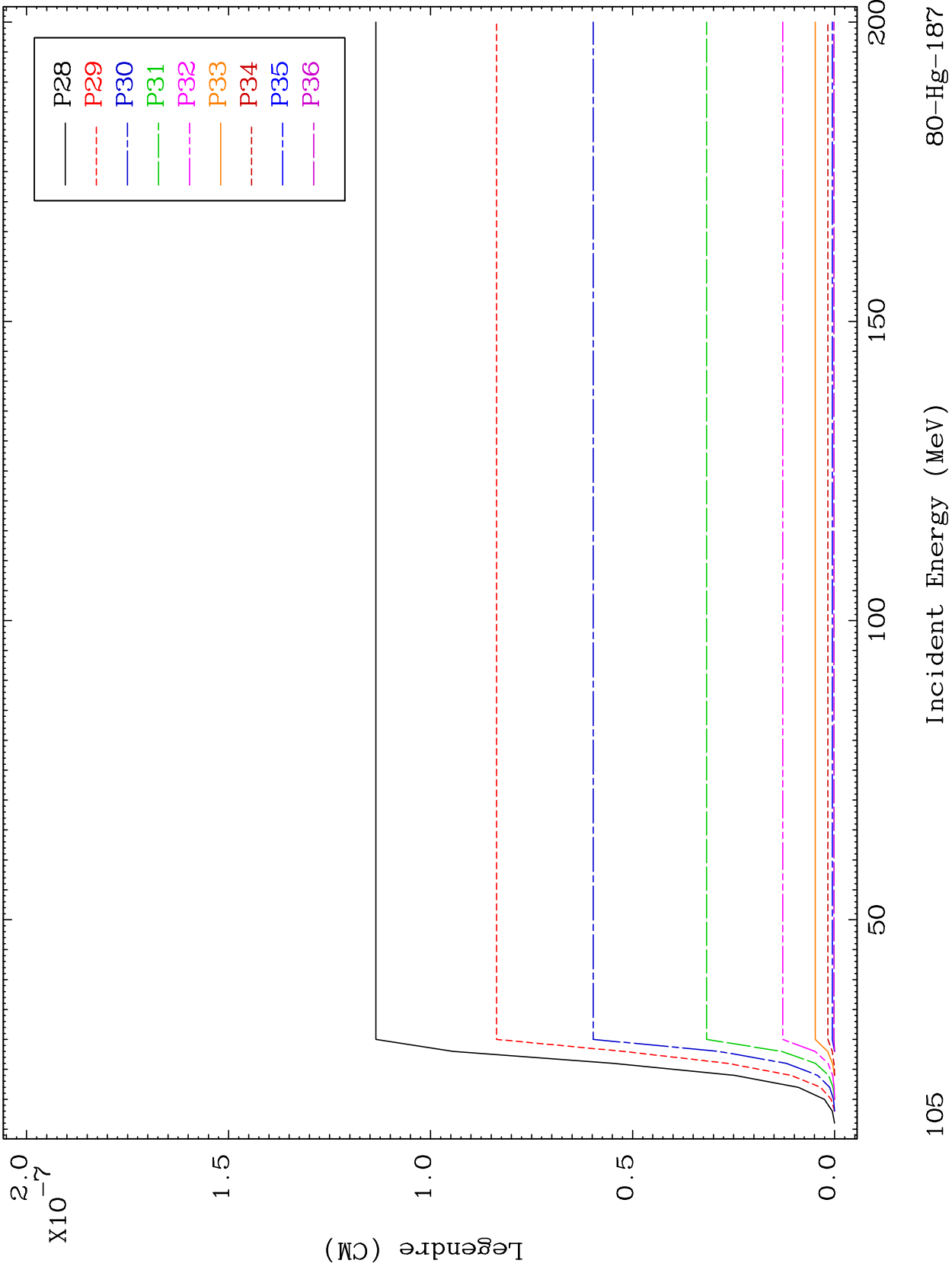
Incident Energy (MeV)

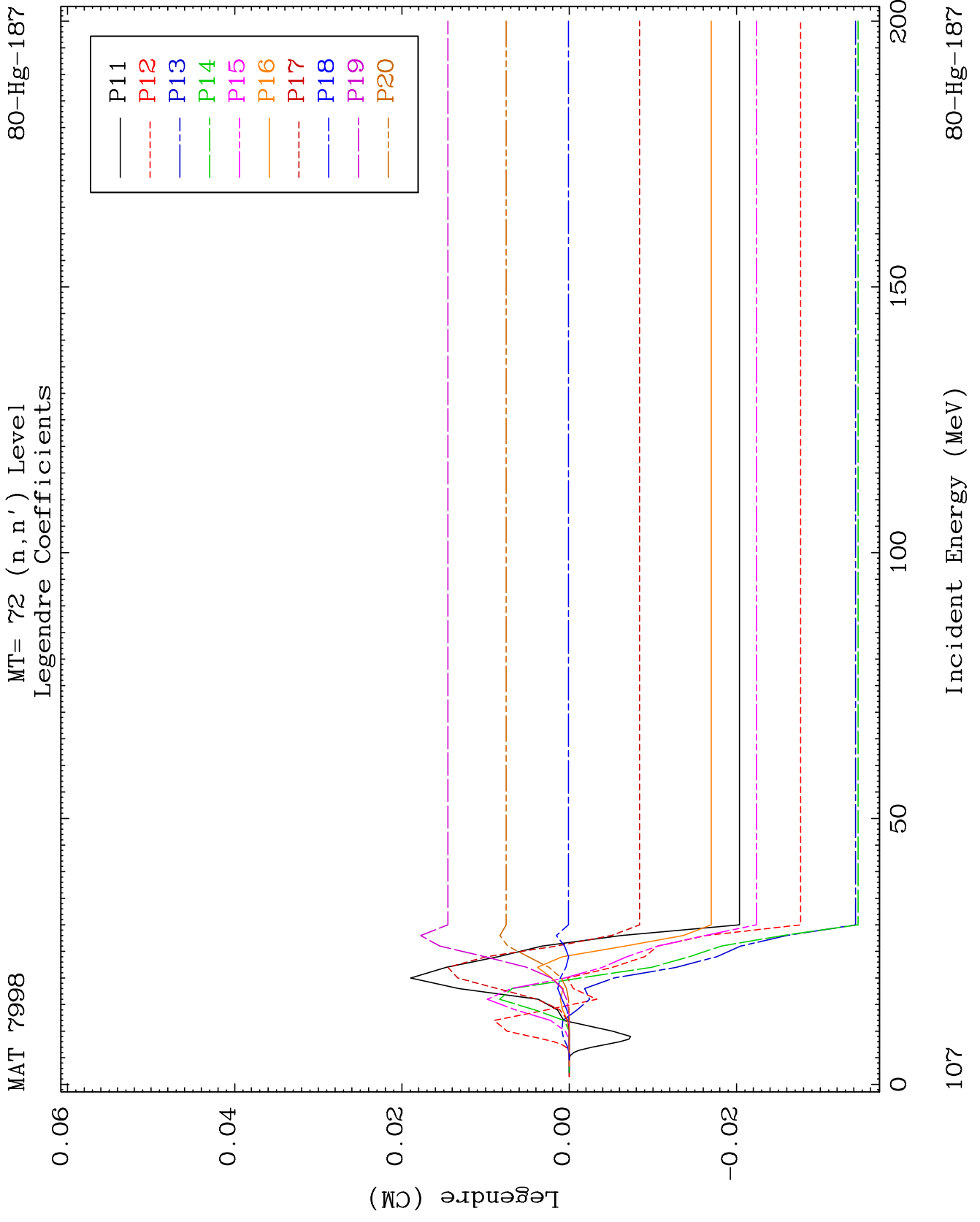
80-Hg-187

MAT 7998

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

80-Hg-187

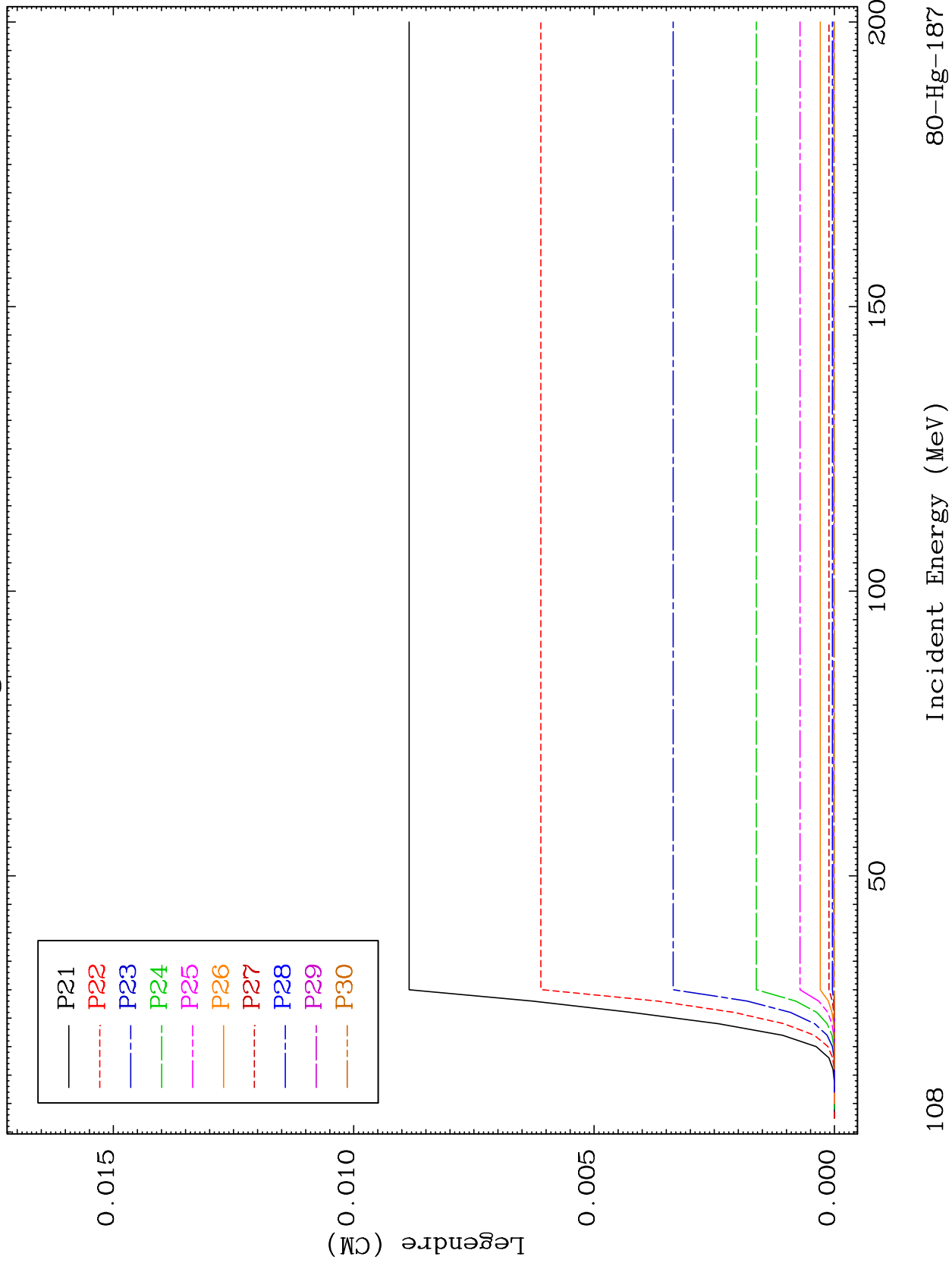




MAT 7998

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

80-Hg-187



108

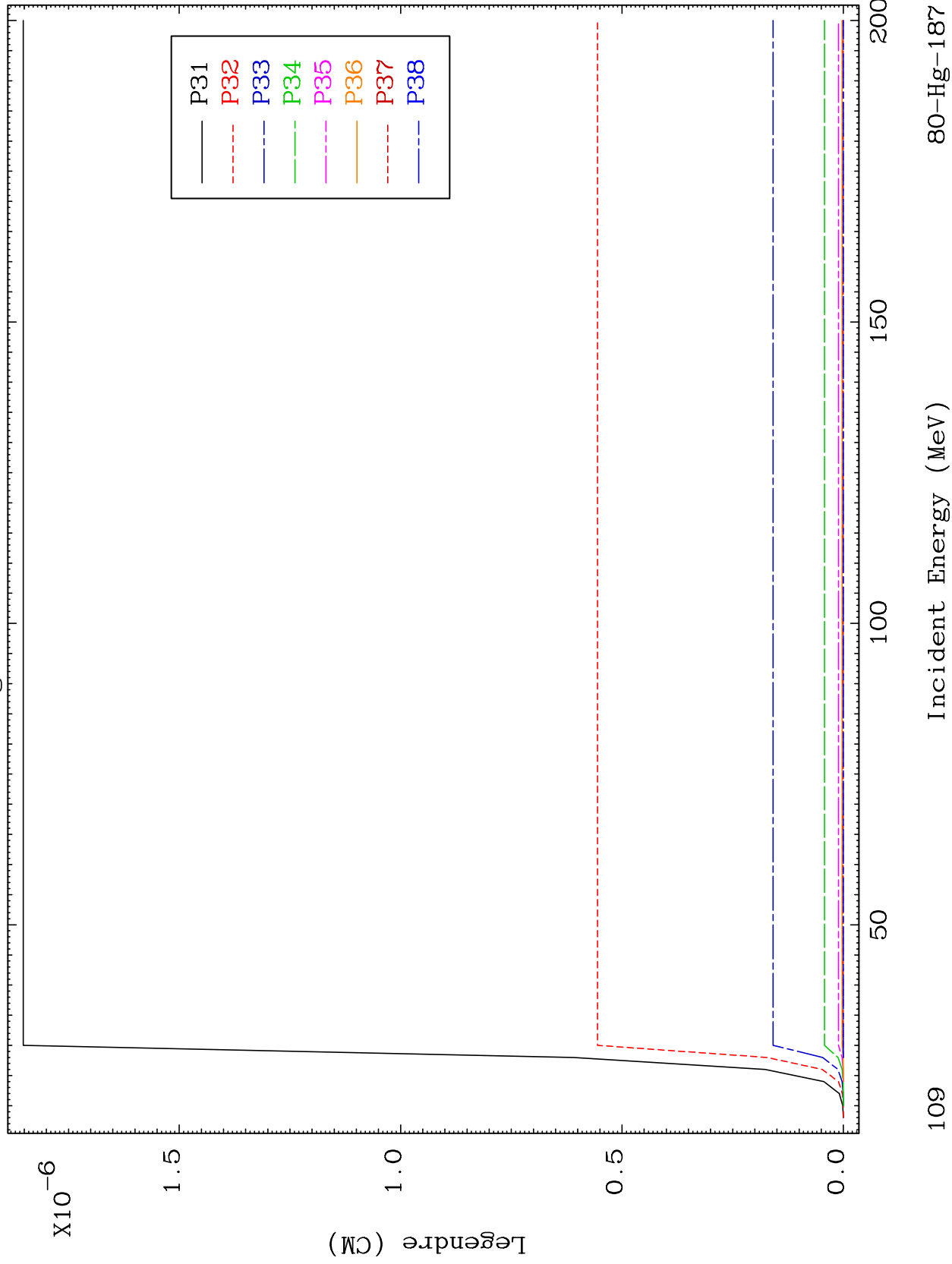
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

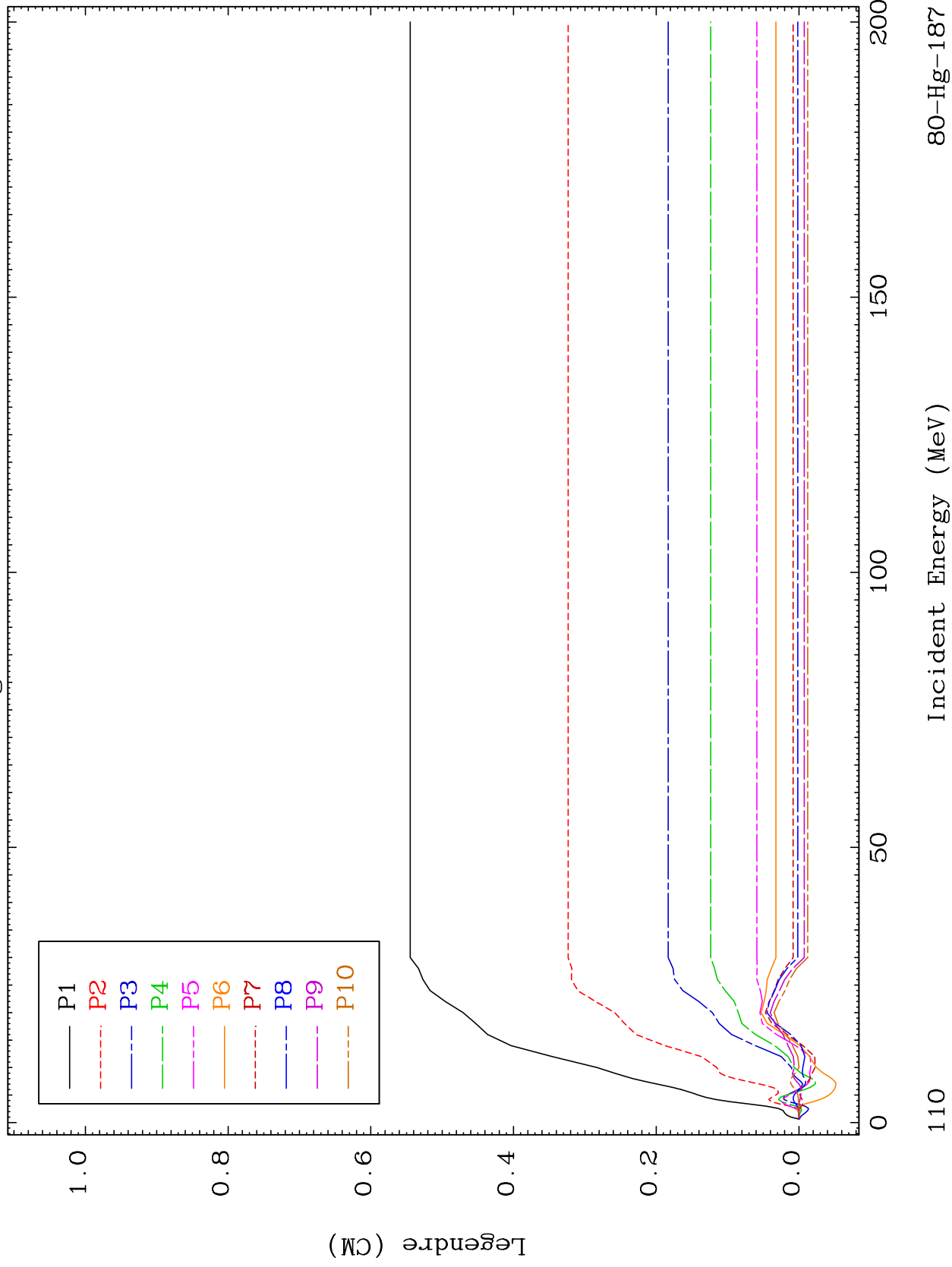
80-Hg-187



MAT 7998

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

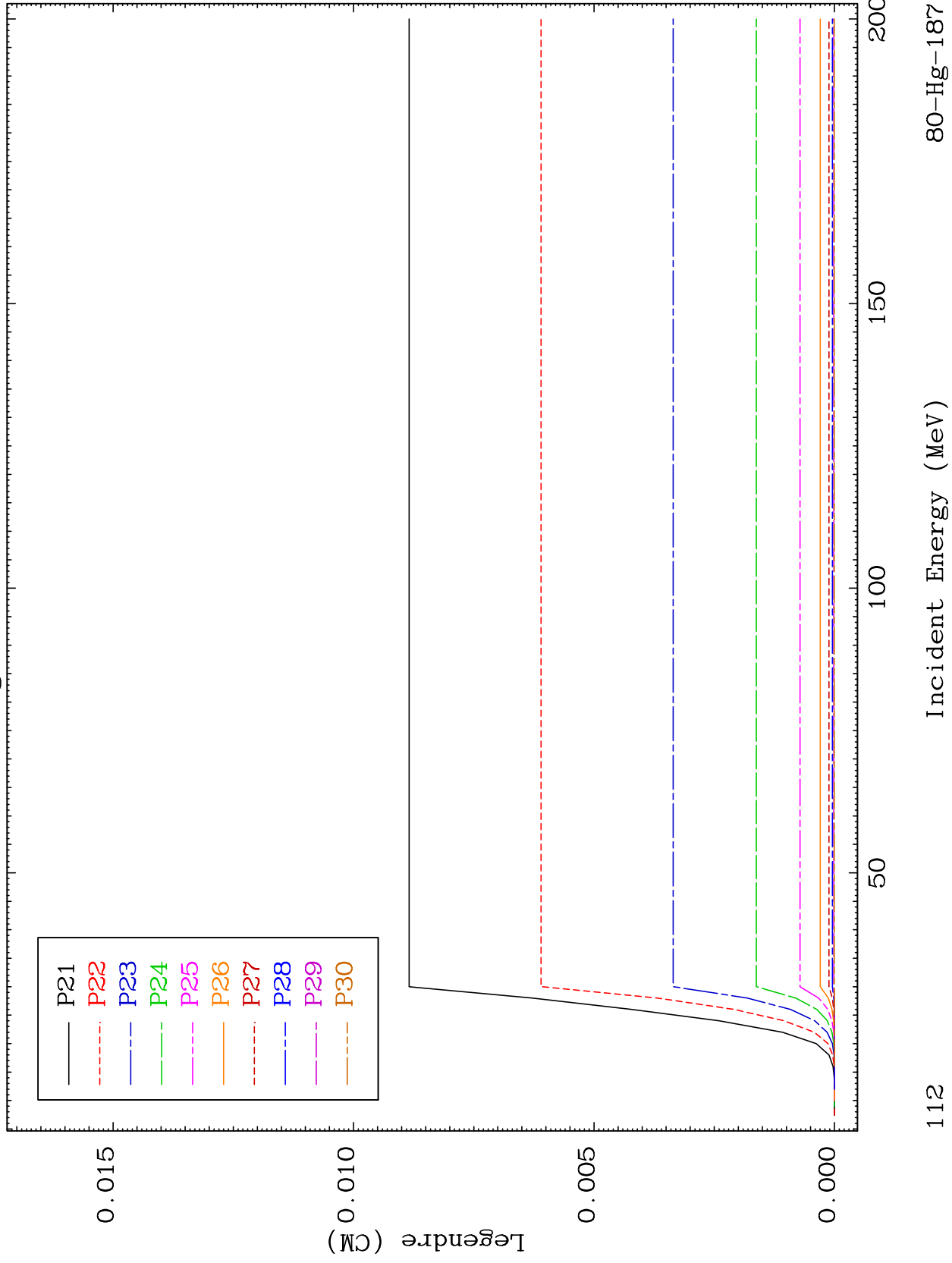
80-Hg-187



MAT 7998

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

80-Hg-187



112

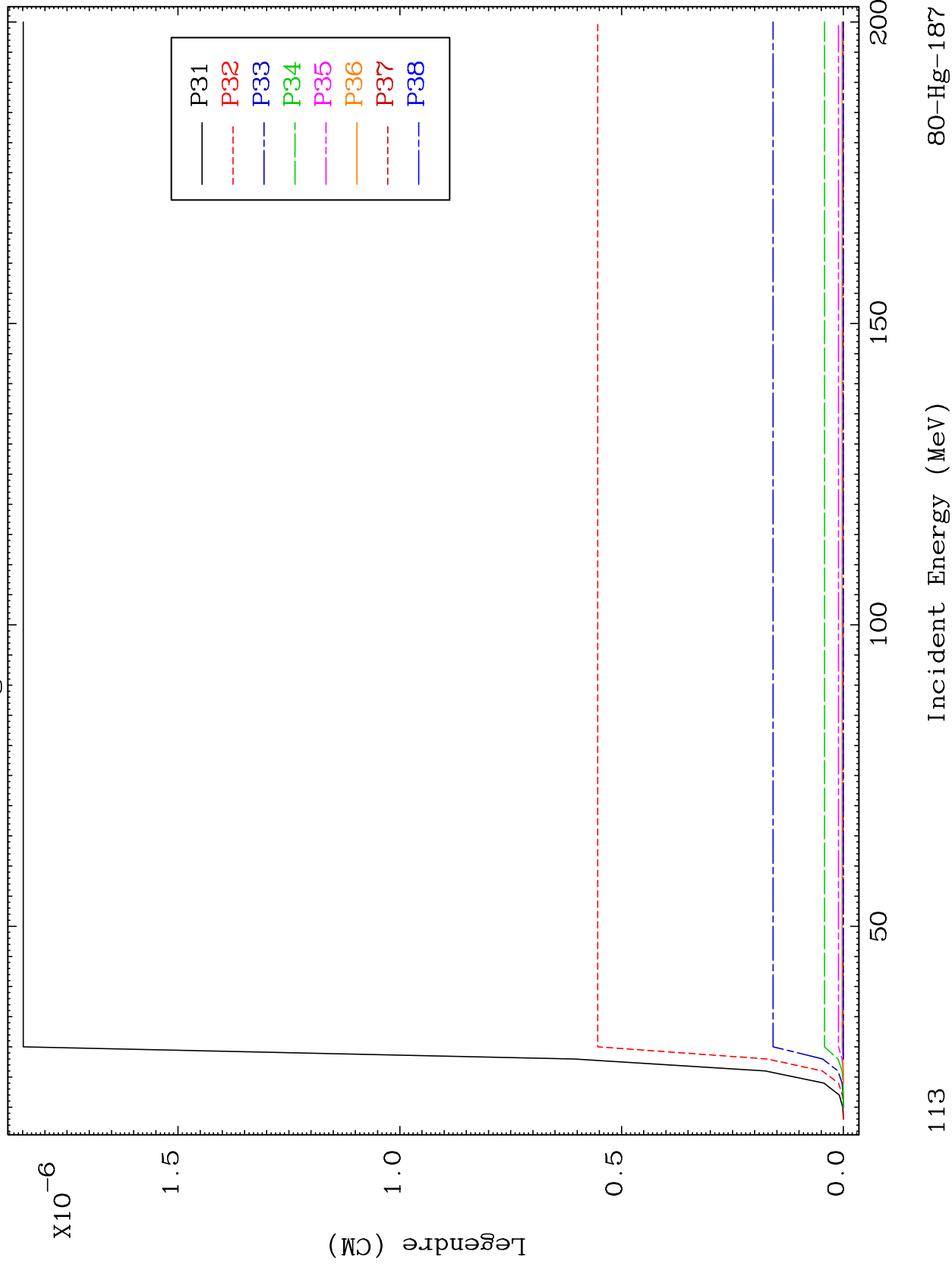
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



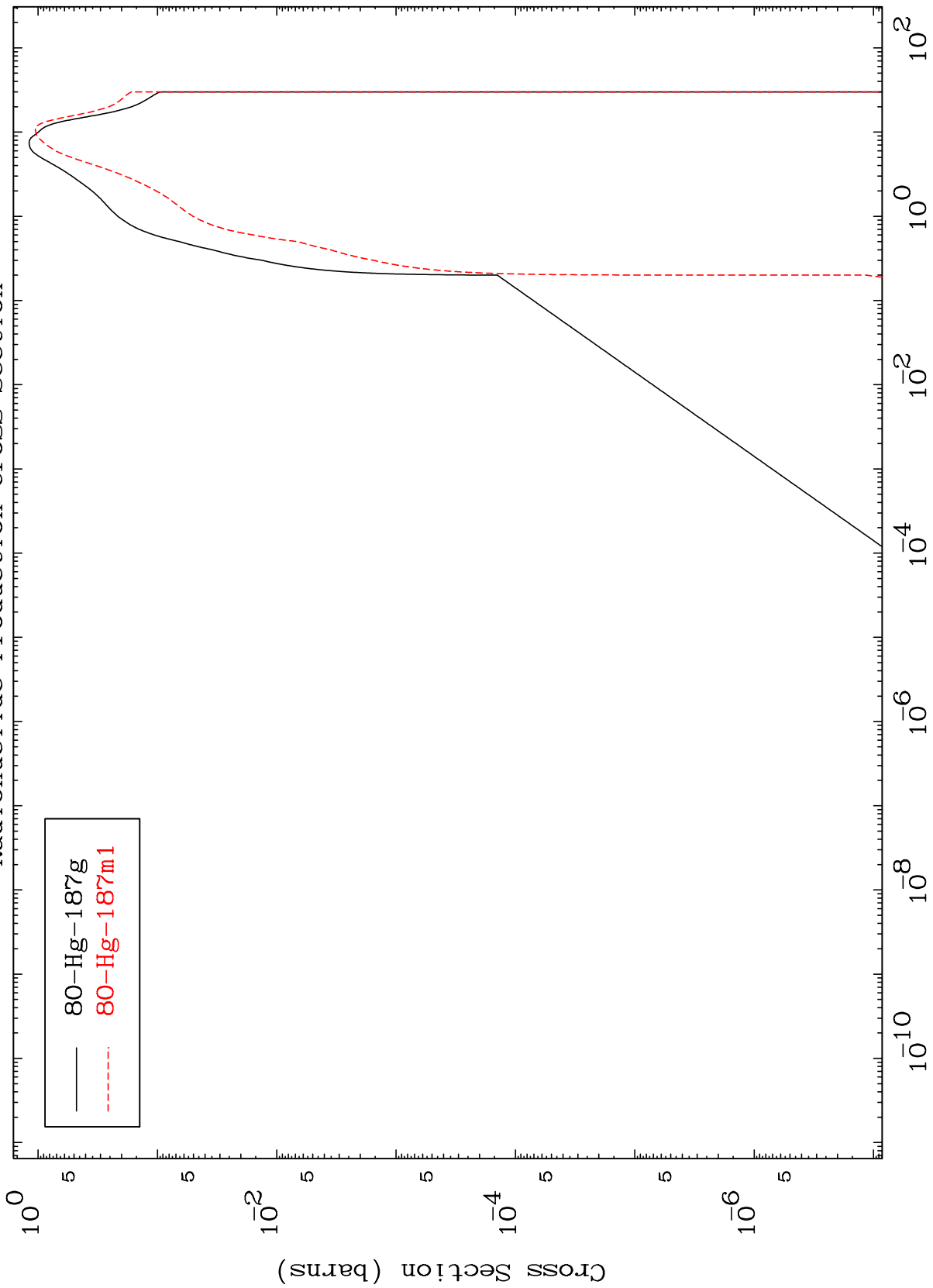
113

MAT 7998

Inelastic

80-Hg-187

Radionuclide Production Cross Section



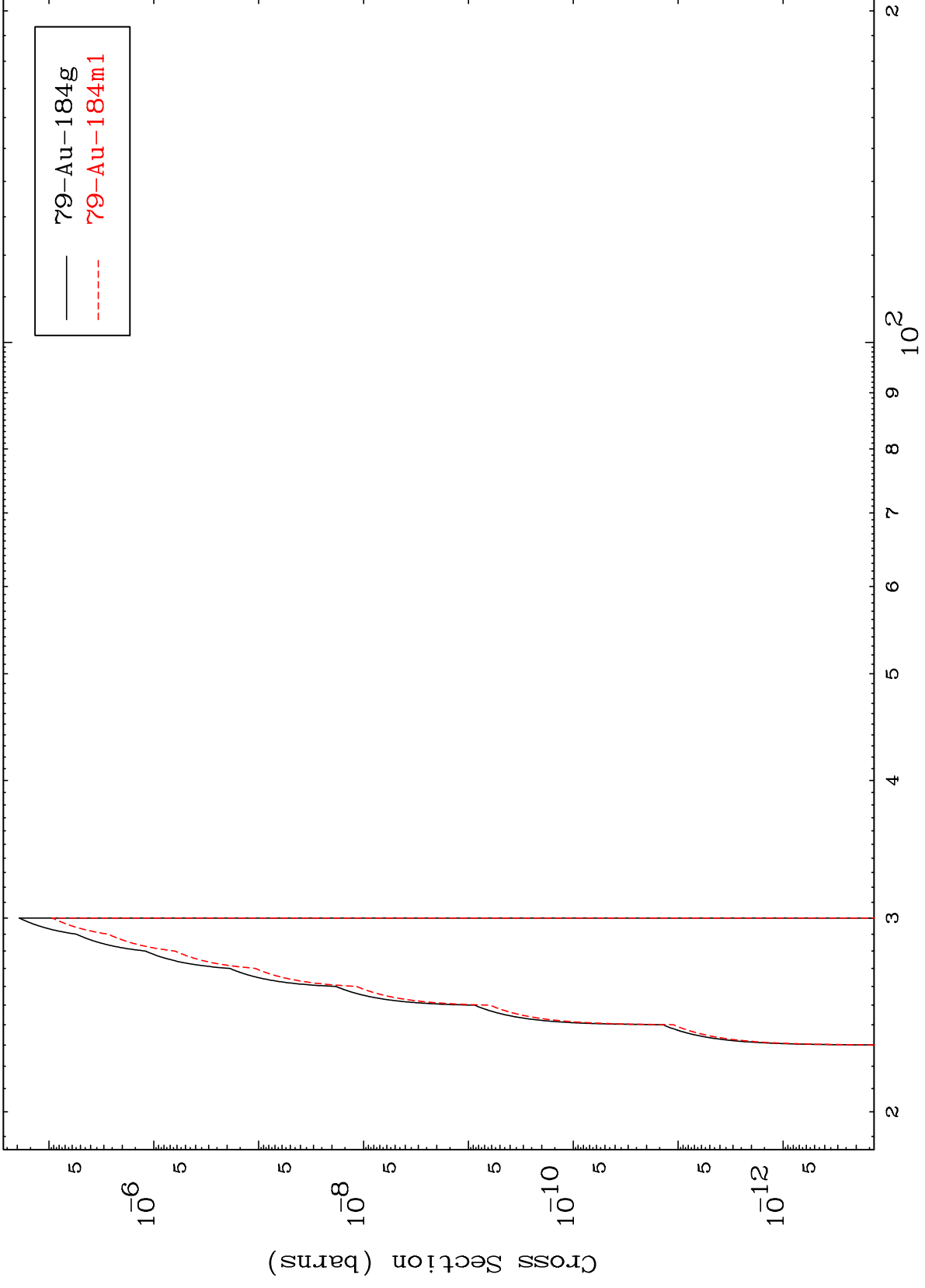
80-Hg-187g
80-Hg-187m1

MAT 7998

(n,2n) d

80-Hg-187

Radionuclide Production Cross Section

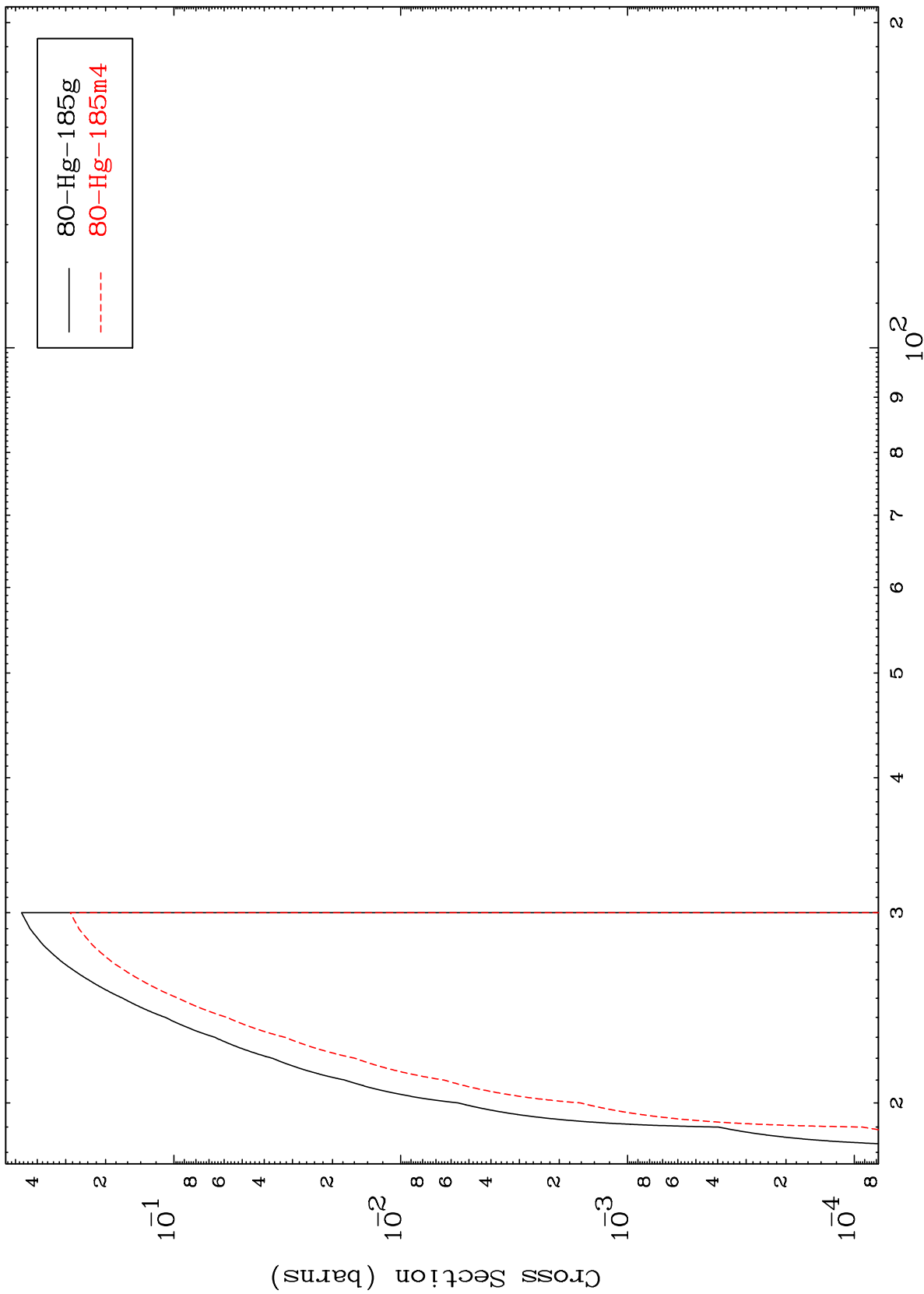


115

Incident Energy (MeV)

80-Hg-187

(n,3n)
Radionuclide Production Cross Section

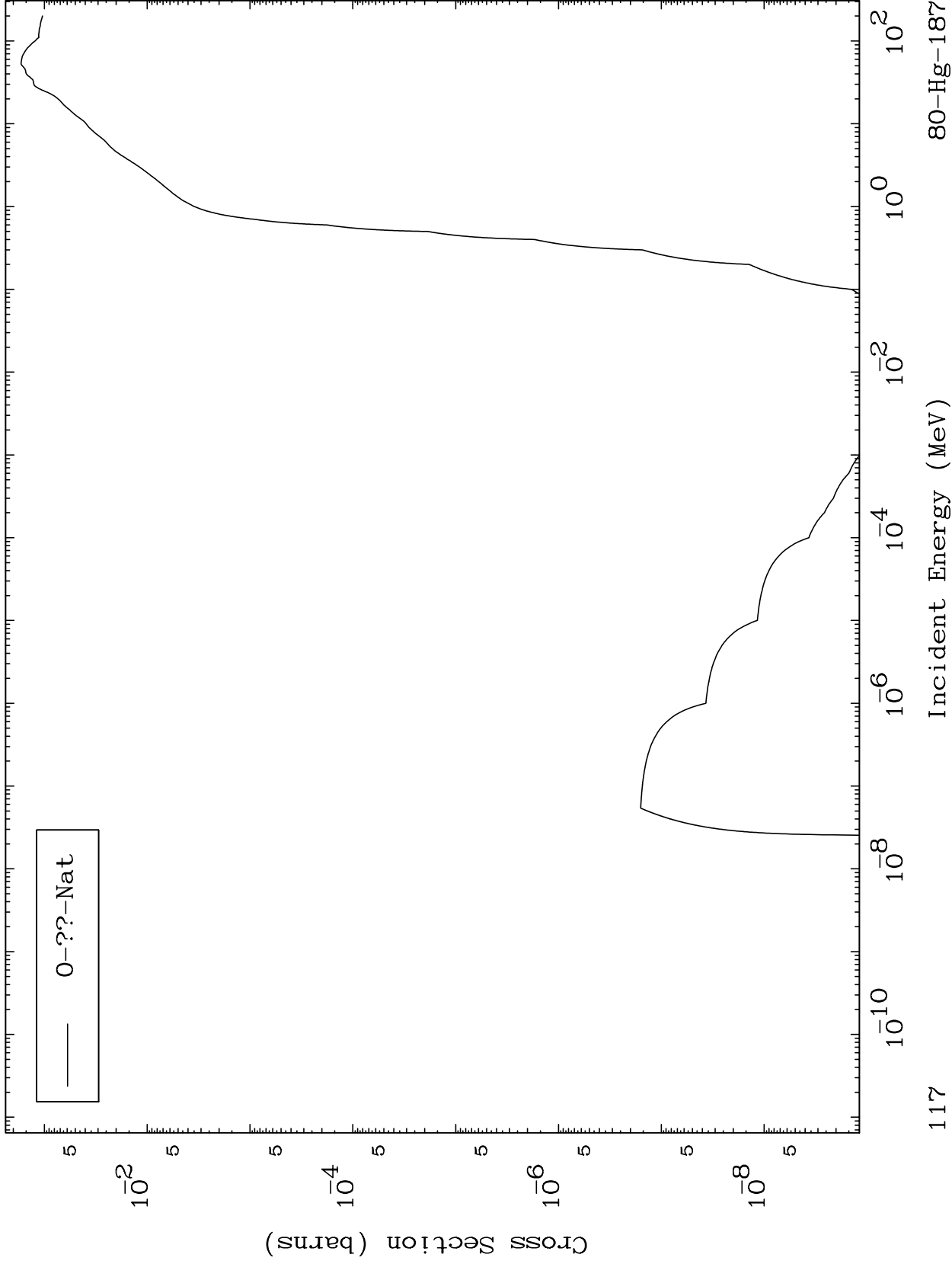


MAT 7998

Fission

80-Hg-187

Radionuclide Production Cross Section

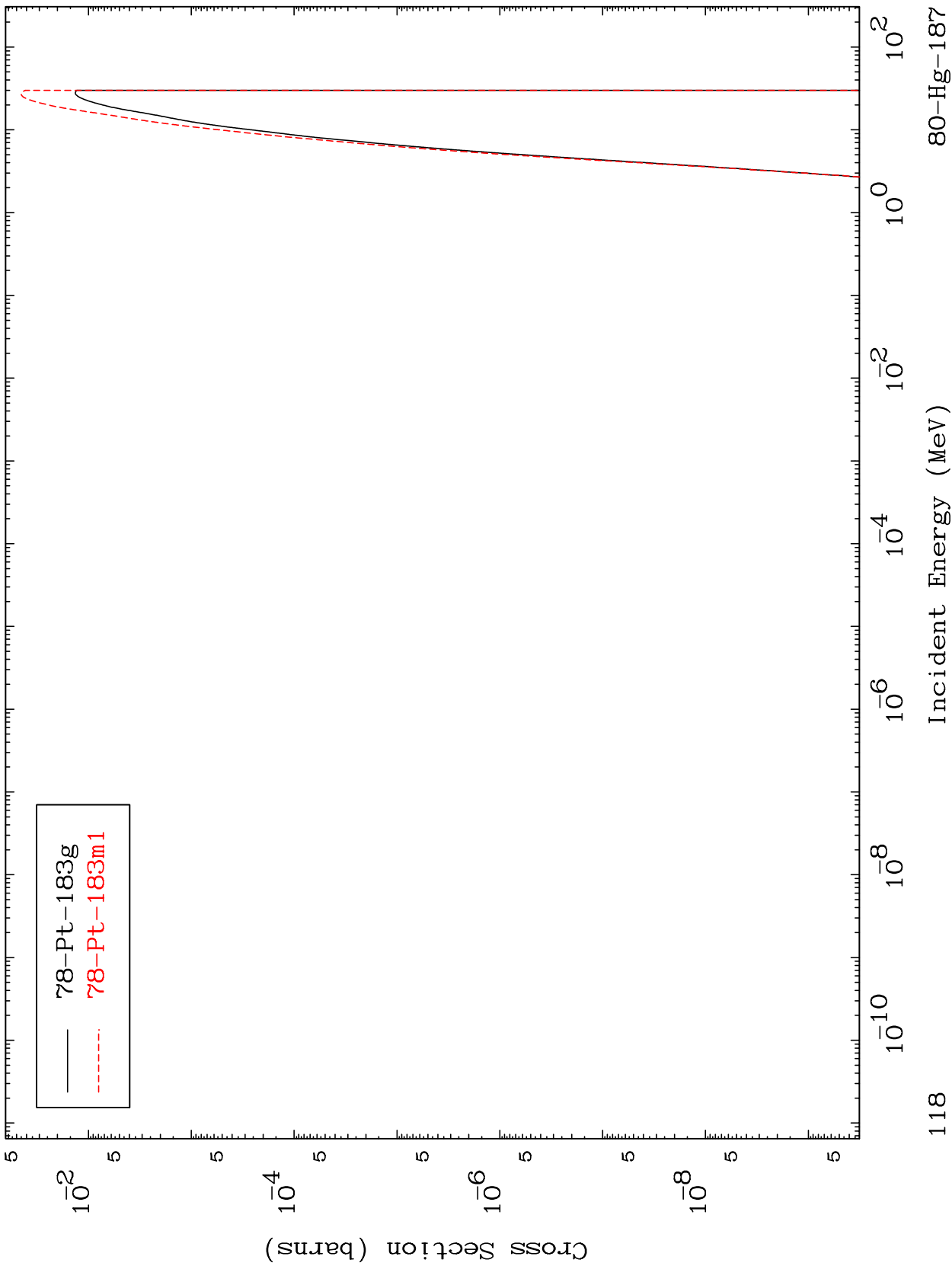


MAT 7998

$(n, n') \alpha$

80-Hg-187

Radionuclide Production Cross Section



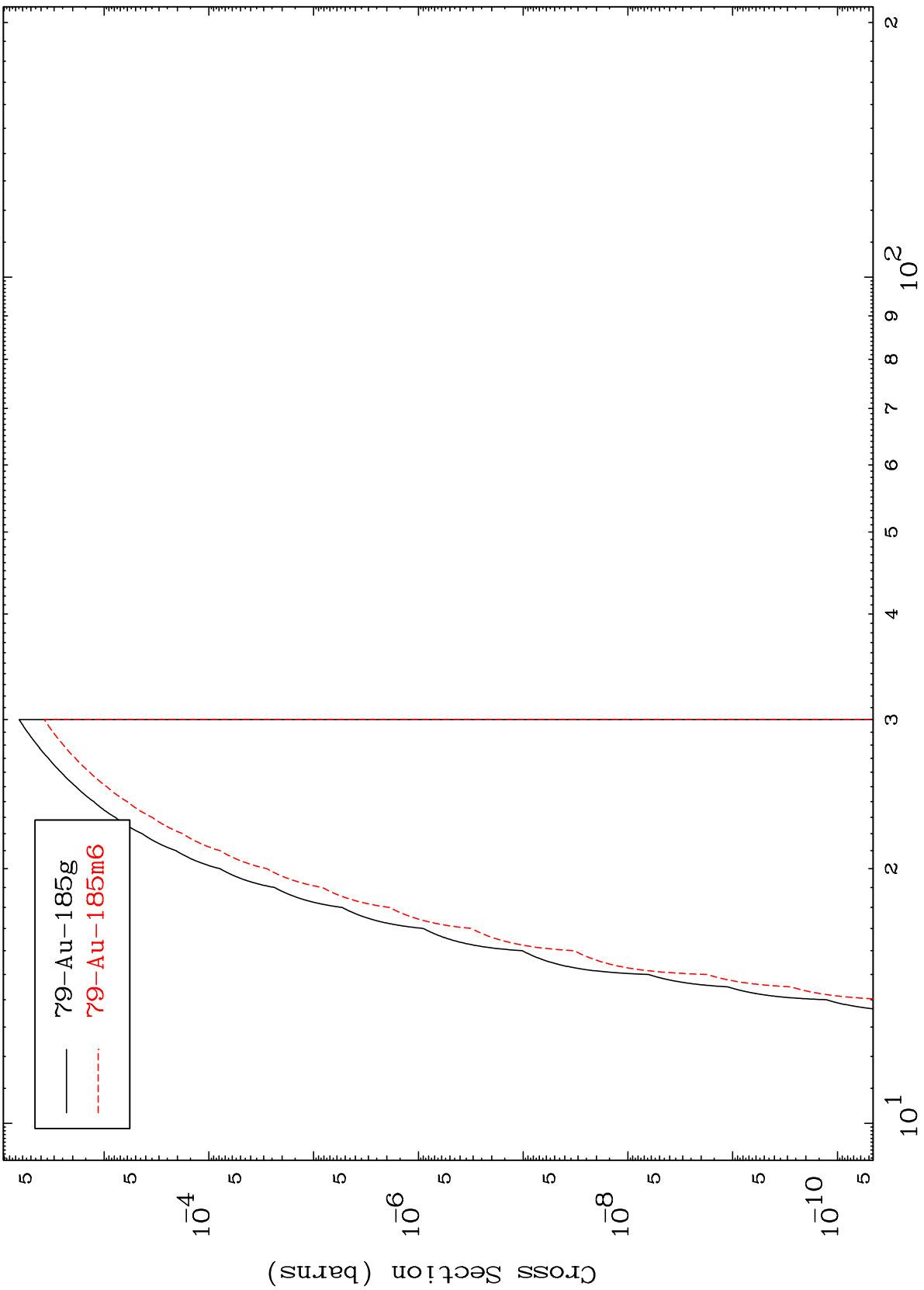
78-Pt-183g
78-Pt-183m1

MAT 7998

(n,n') d

80-Hg-187

Radionuclide Production Cross Section



119

Incident Energy (MeV)

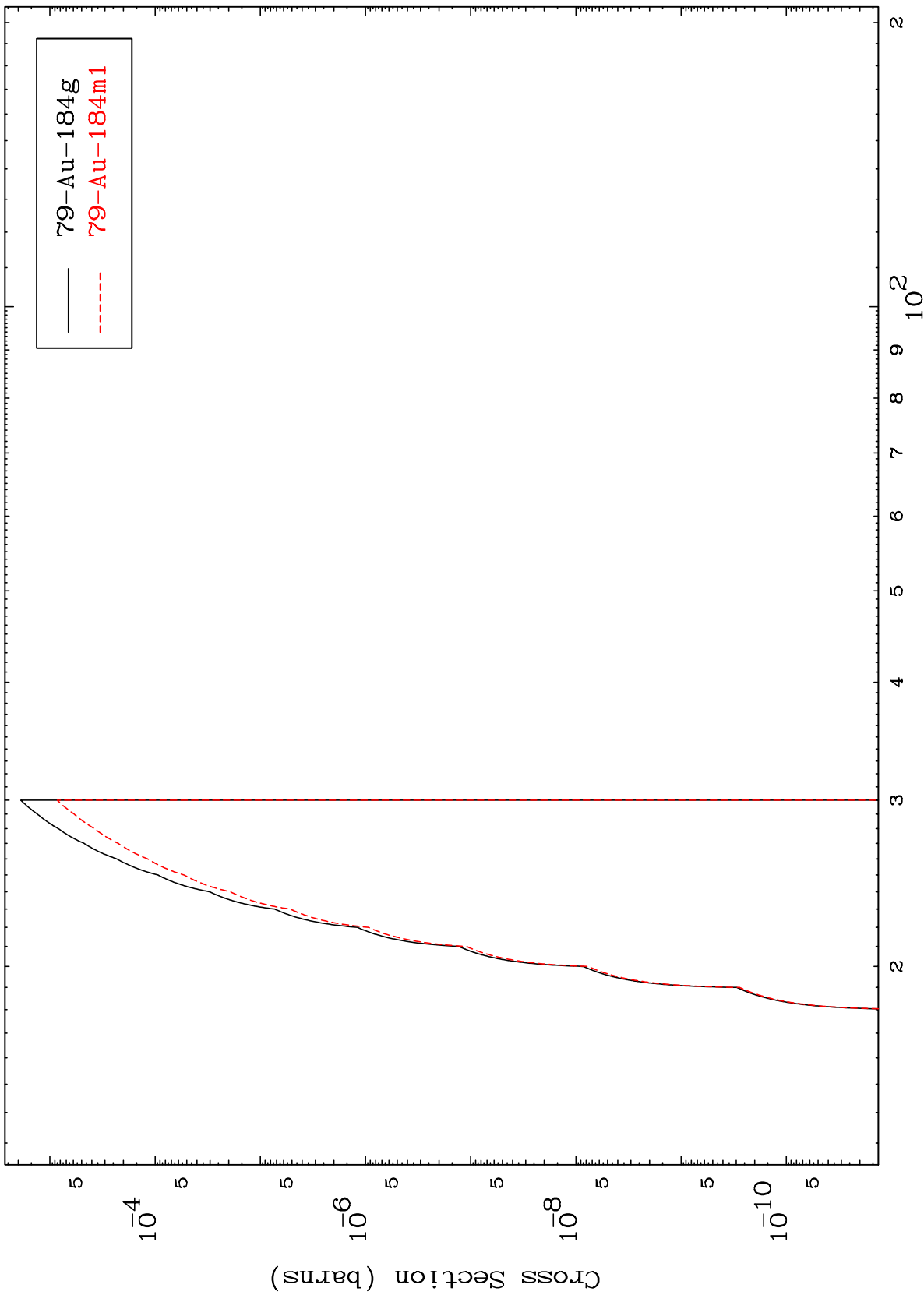
80-Hg-187

MAT 7998

(n,n') t

80-Hg-187

Radionuclide Production Cross Section



120

Incident Energy (MeV)

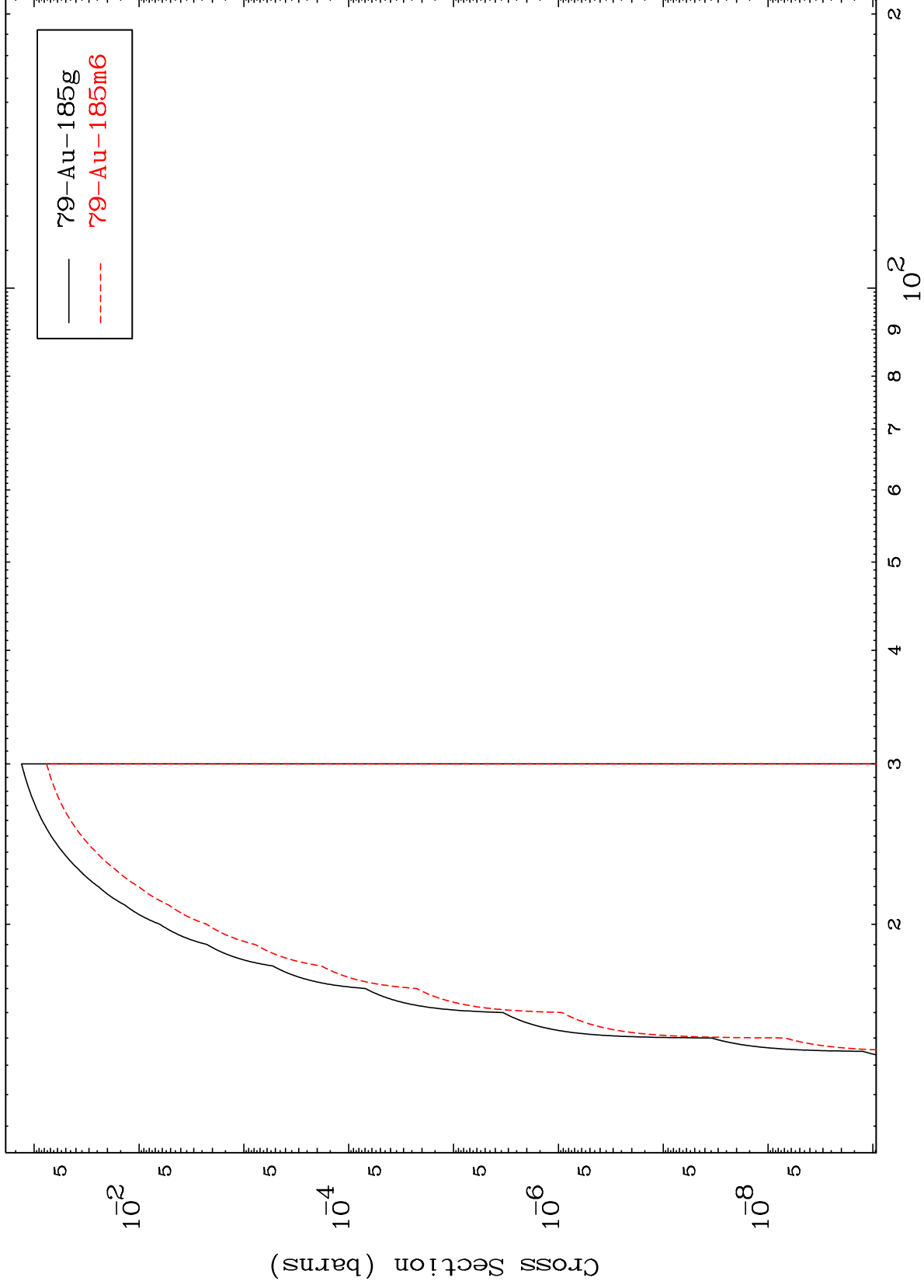
80-Hg-187

MAT 7998

(n,2n) p

80-Hg-187

Radionuclide Production Cross Section

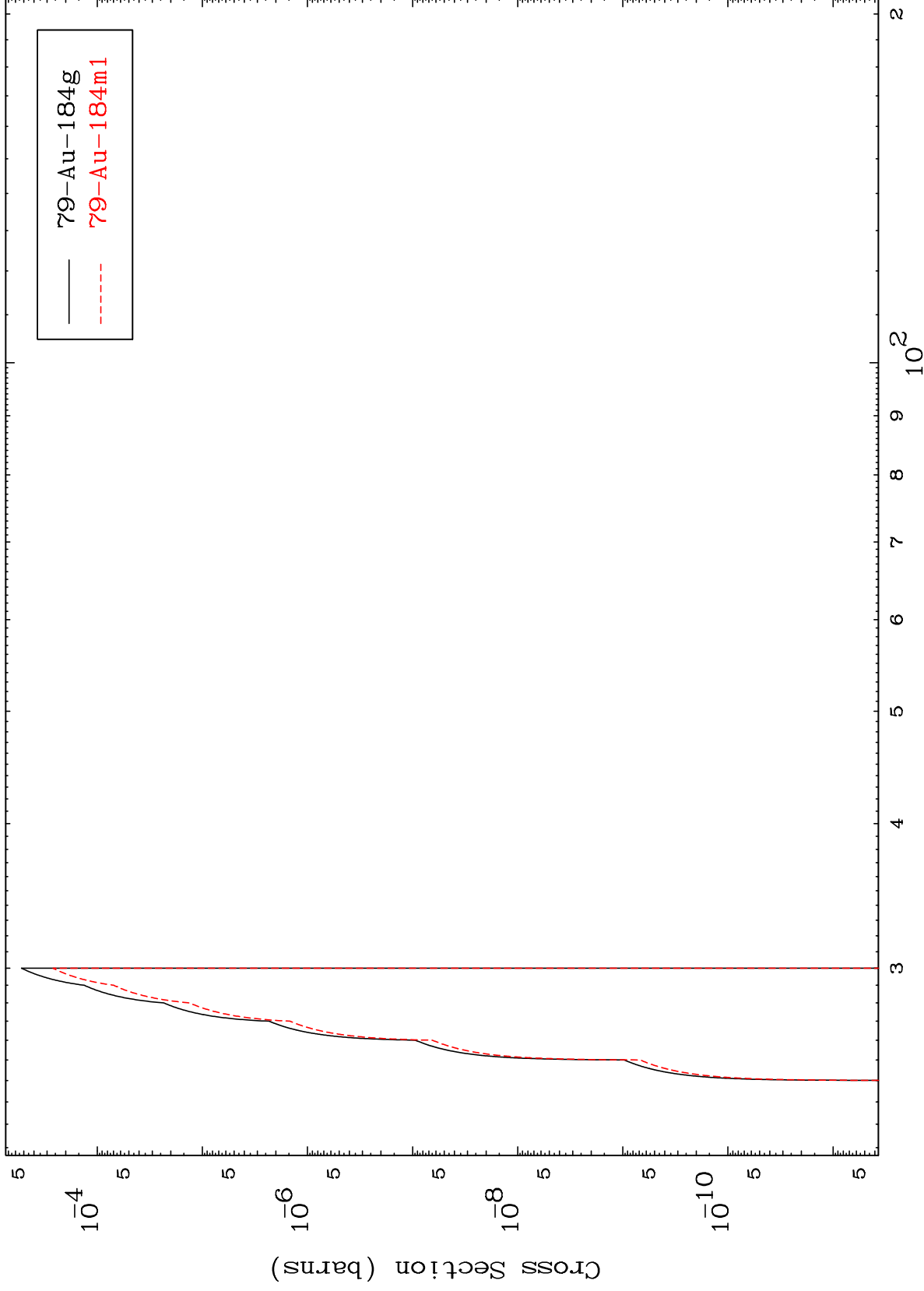


121

Incident Energy (MeV)

80-Hg-187

Radionuclide Production Cross Section

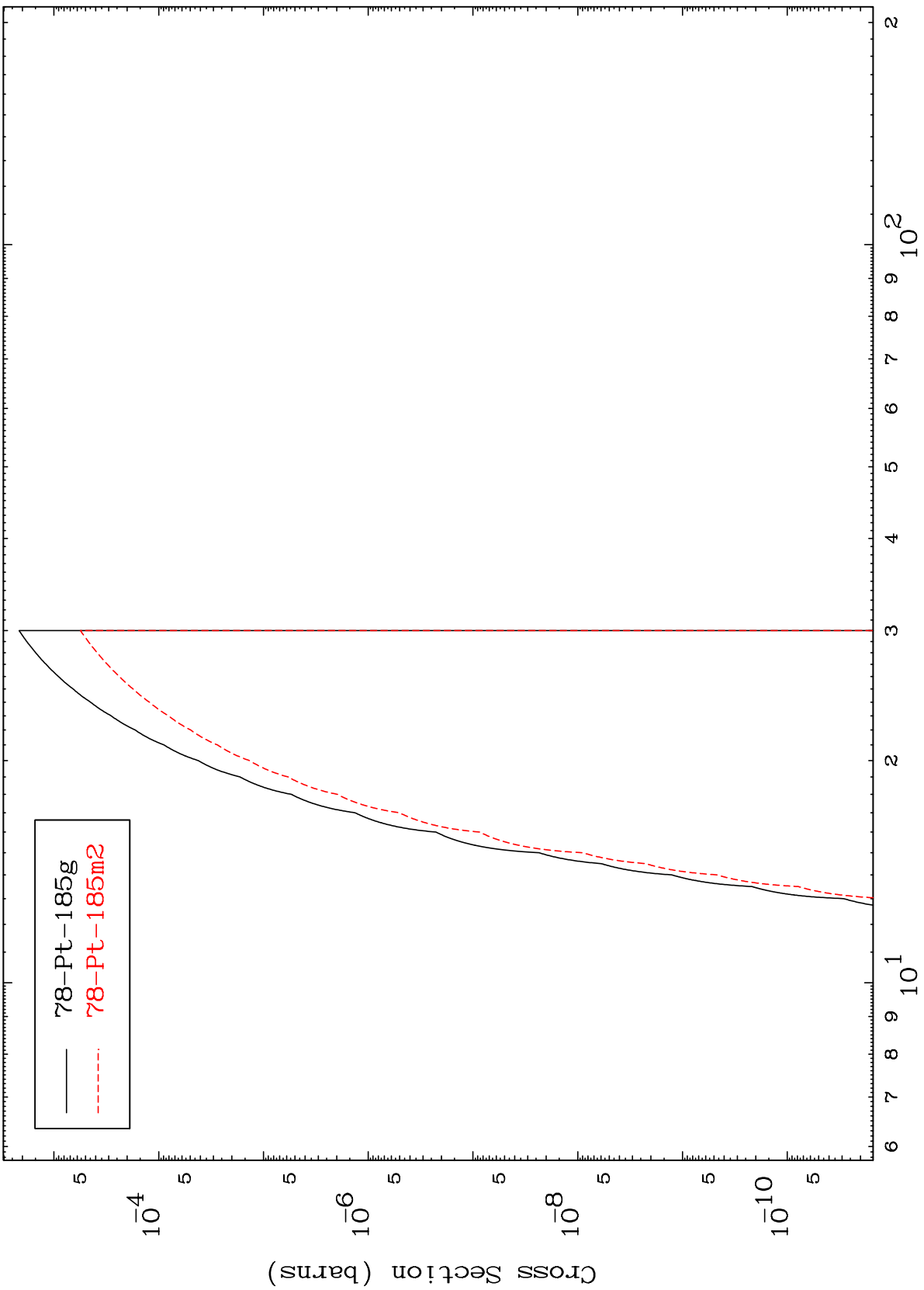


MAT 7998

(n,2n) p

80-Hg-187

Radionuclide Production Cross Section



123

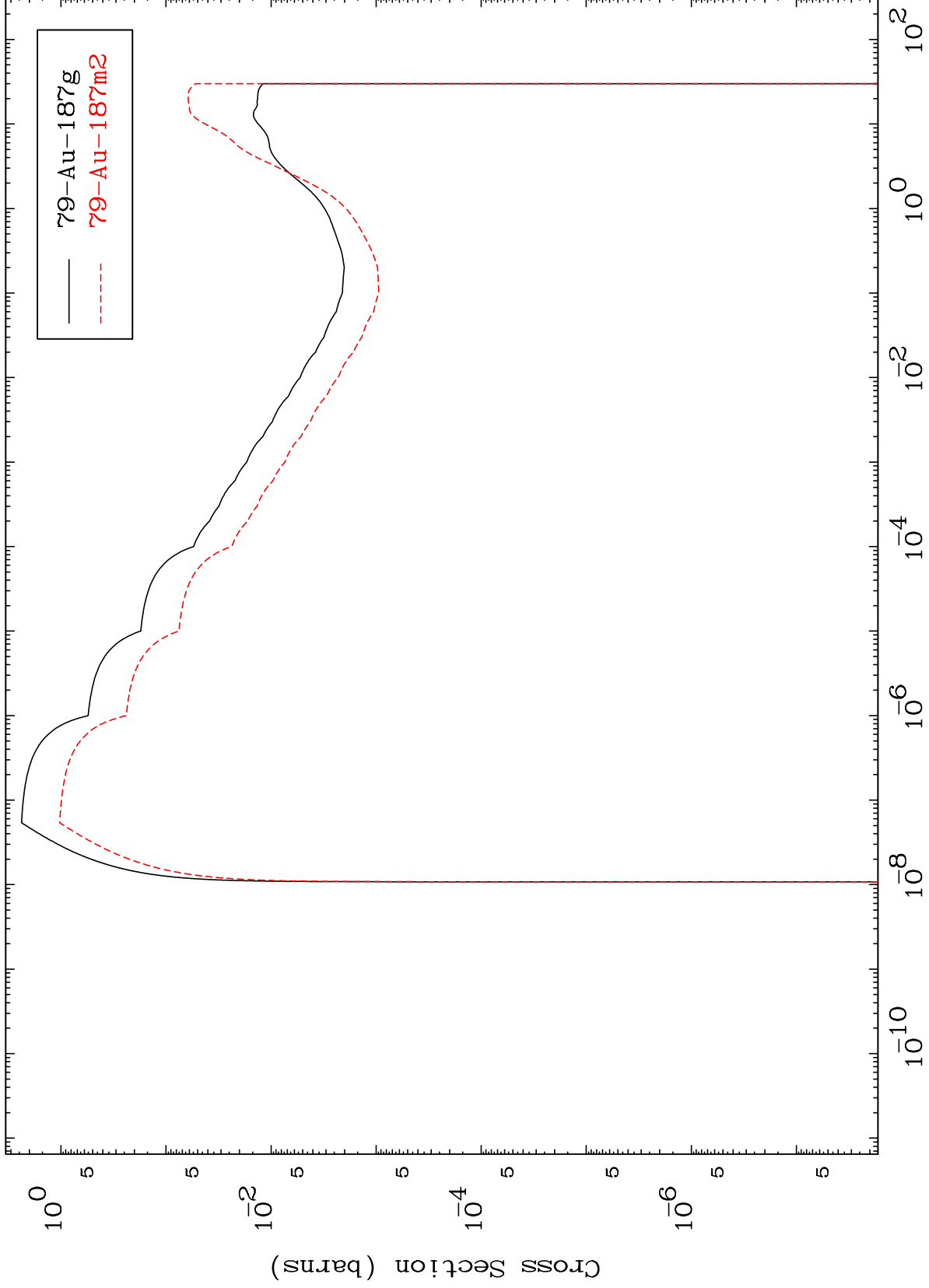
Incident Energy (MeV)

80-Hg-187

MAT 7998

80-Hg-187

(n,p)
Radionuclide Production Cross Section



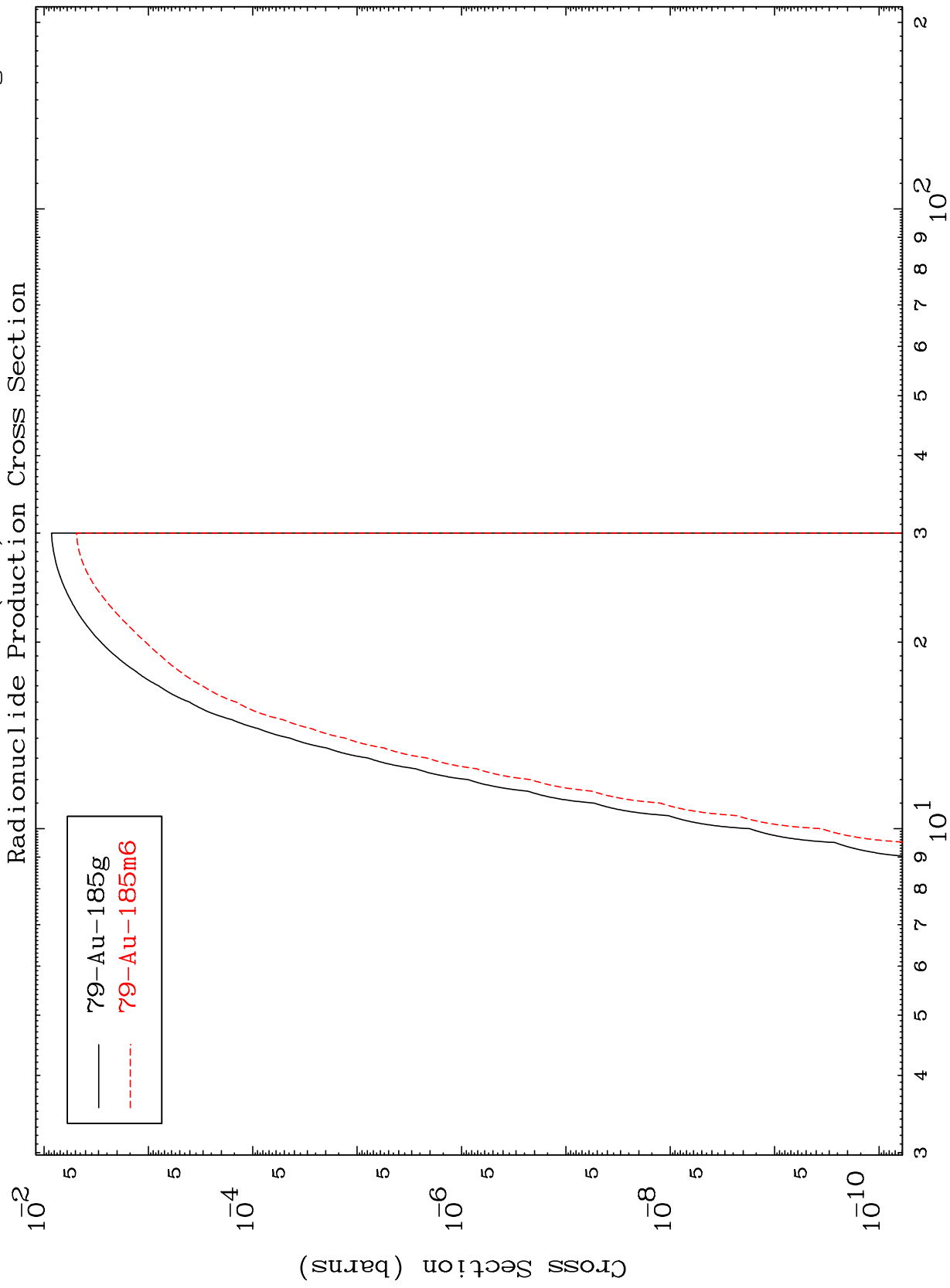
124

80-Hg-187

Incident Energy (MeV)

MAT 7998

80-Hg-187



125

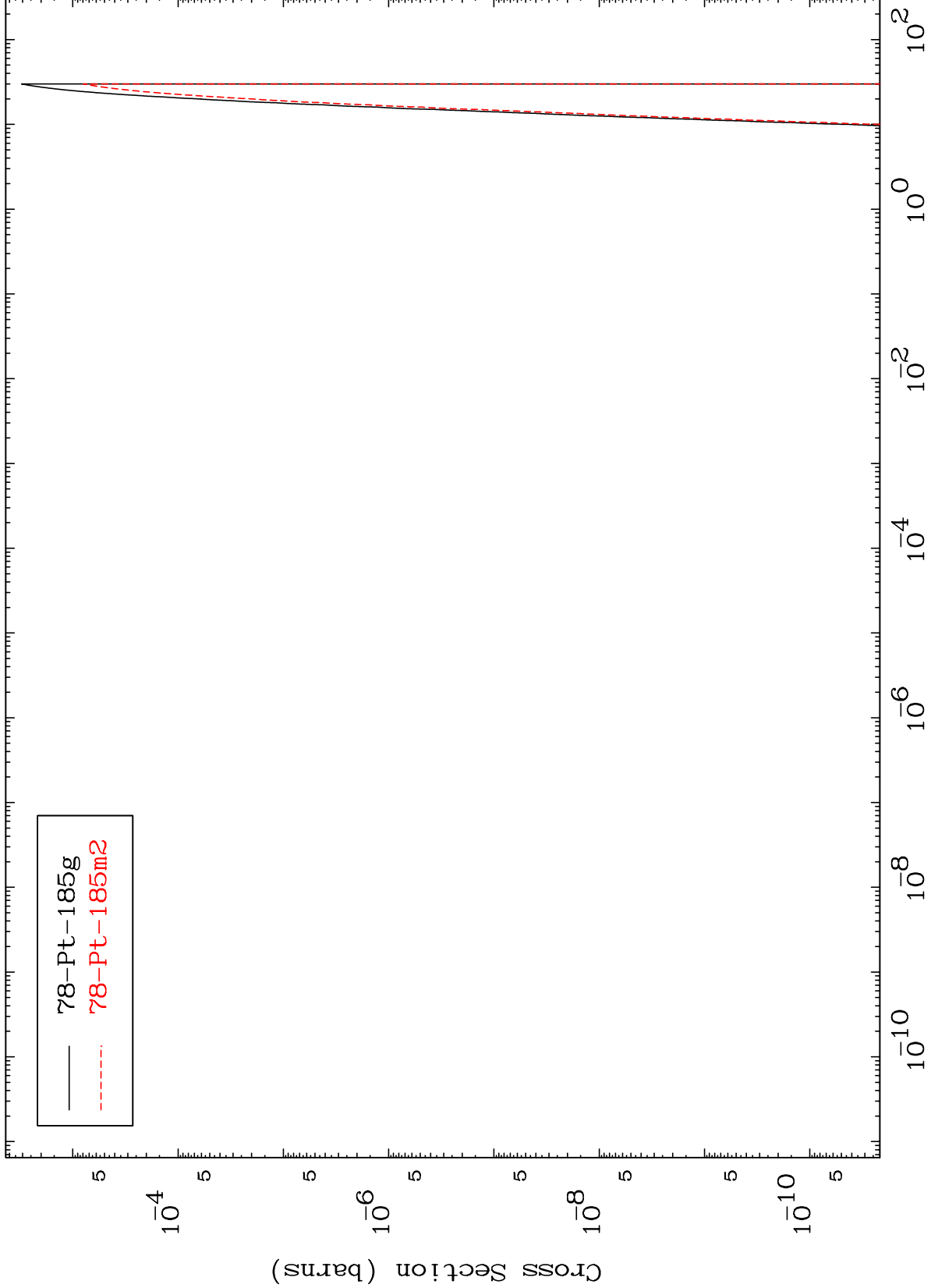
80-Hg-187

MAT 7998

(n,He-3)

80-Hg-187

Radionuclide Production Cross Section

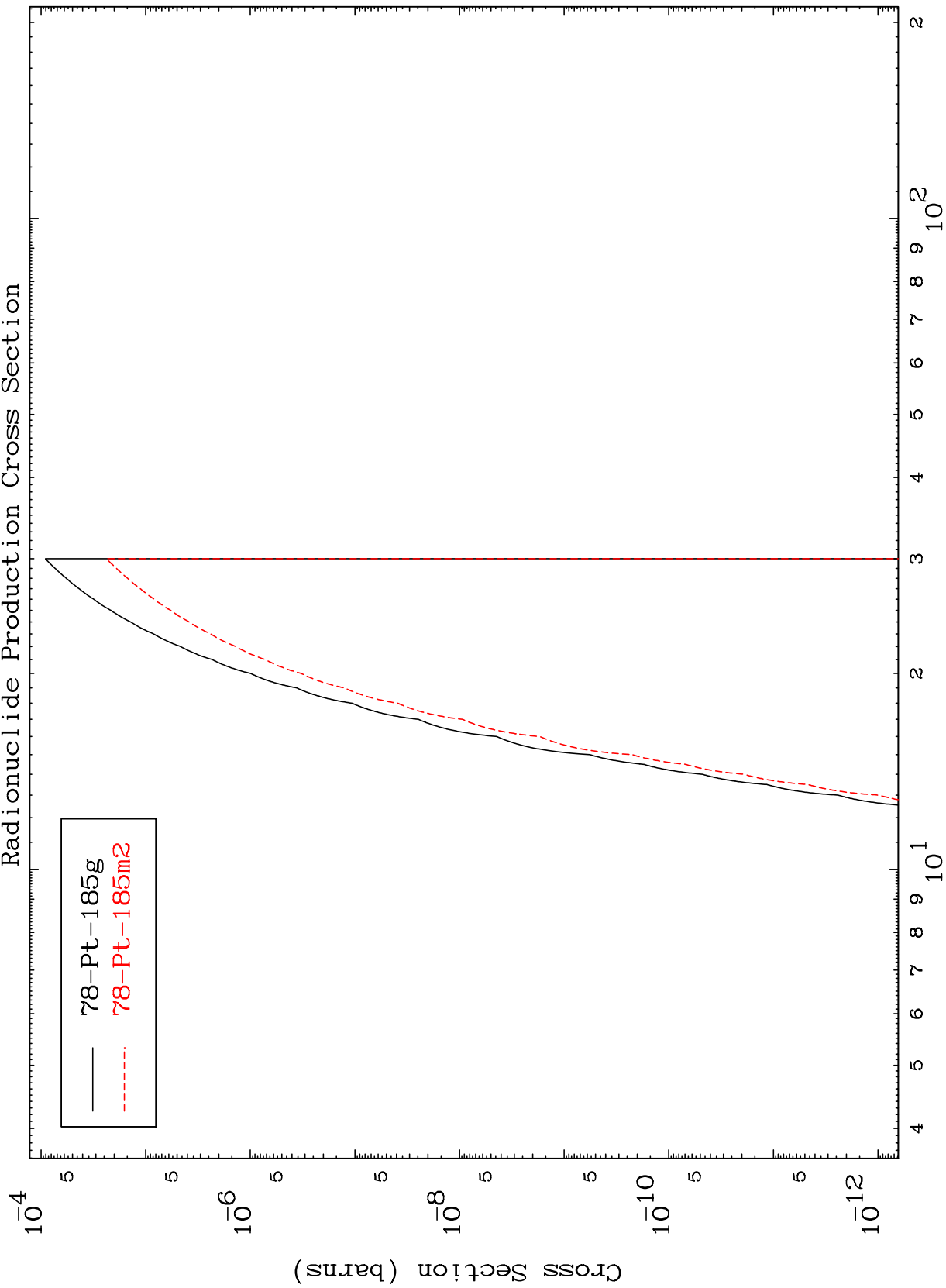


MAT 7998

(n,p) d

80-Hg-187

Radionuclide Production Cross Section



127

Incident Energy (MeV)

80-Hg-187