

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

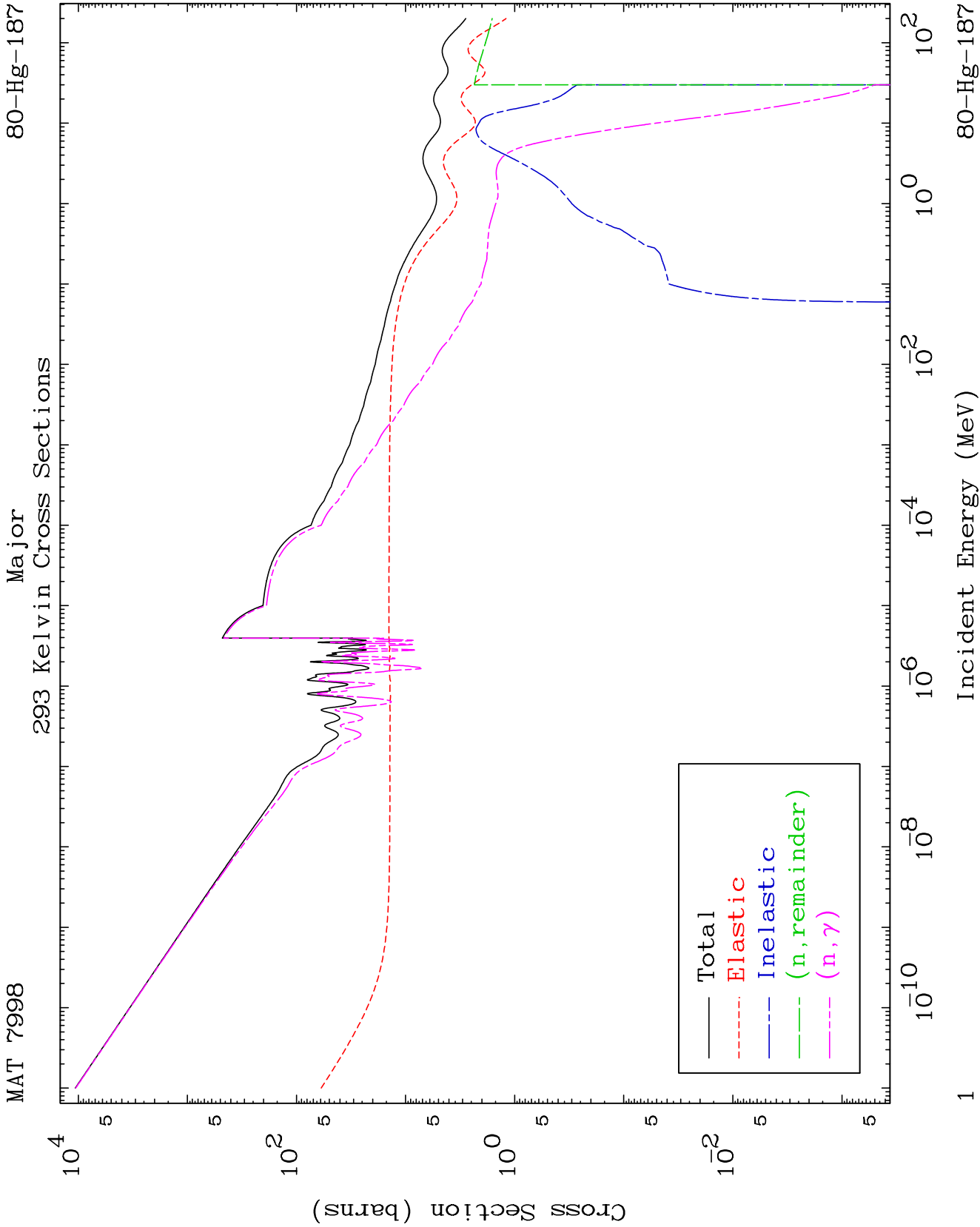
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

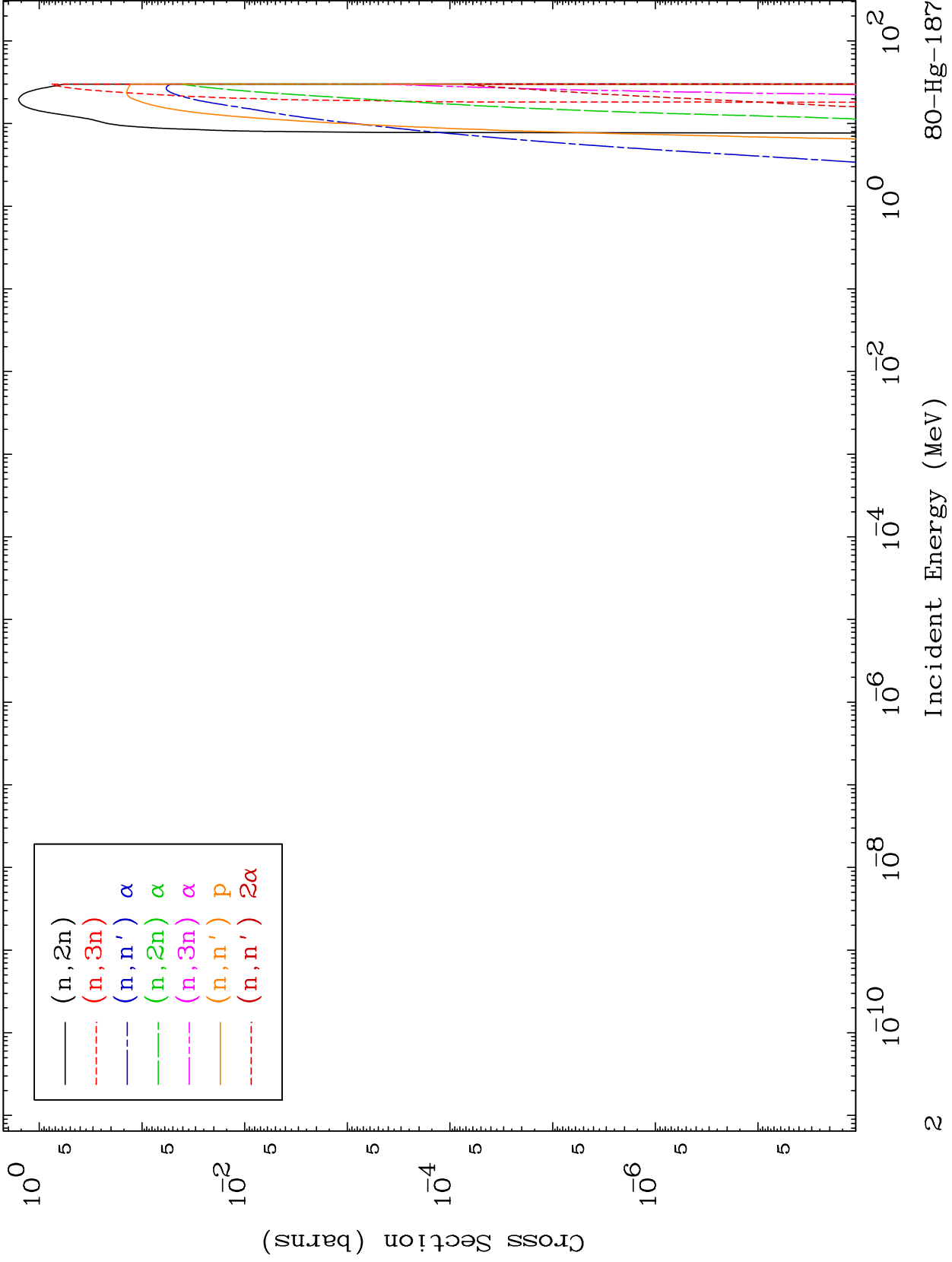
Press Mouse Button to Start



MAT 7998

Neutron Production
293 Kelvin Cross Sections

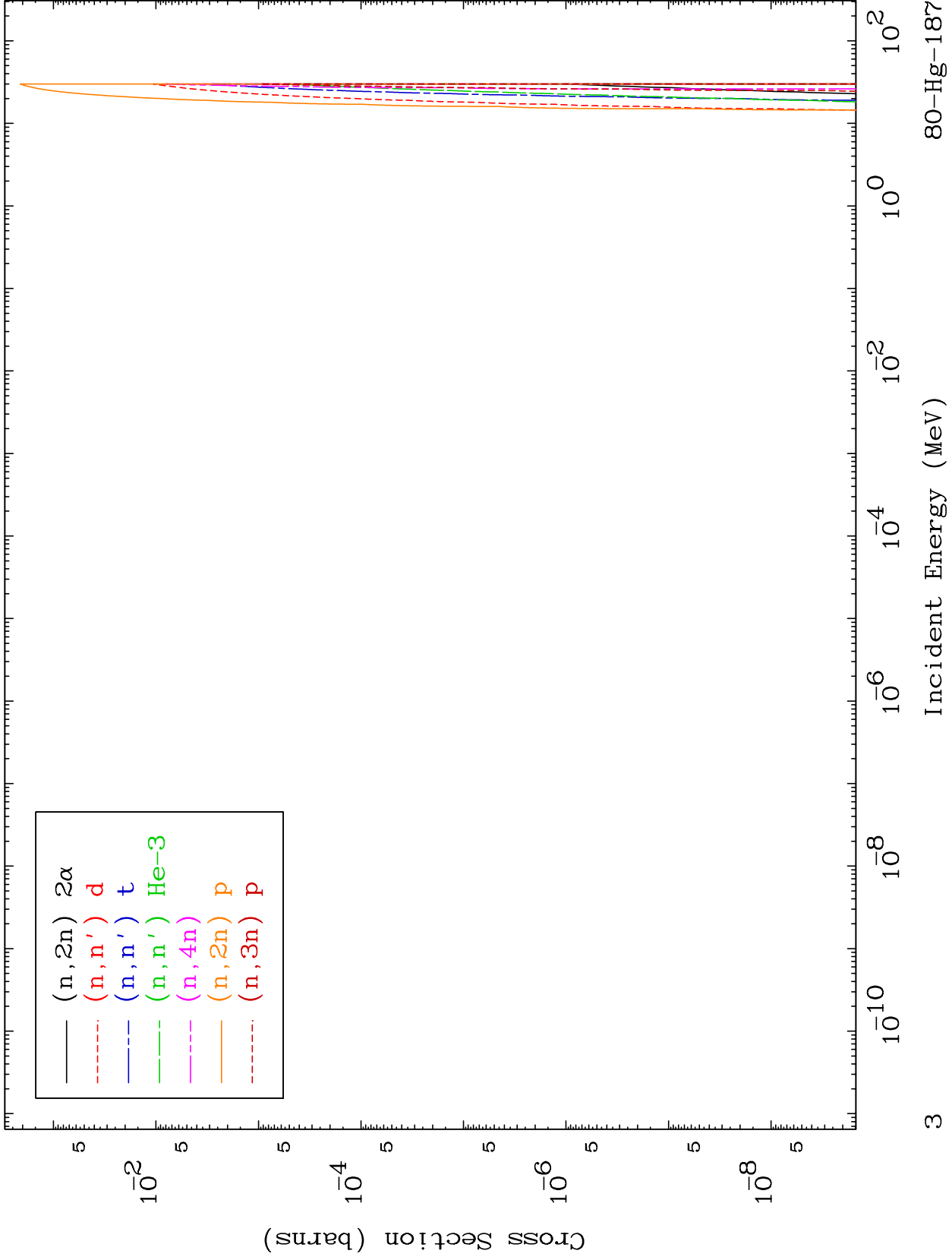
80-Hg-187



MAT 7998

Neutron Production
293 Kelvin Cross Sections

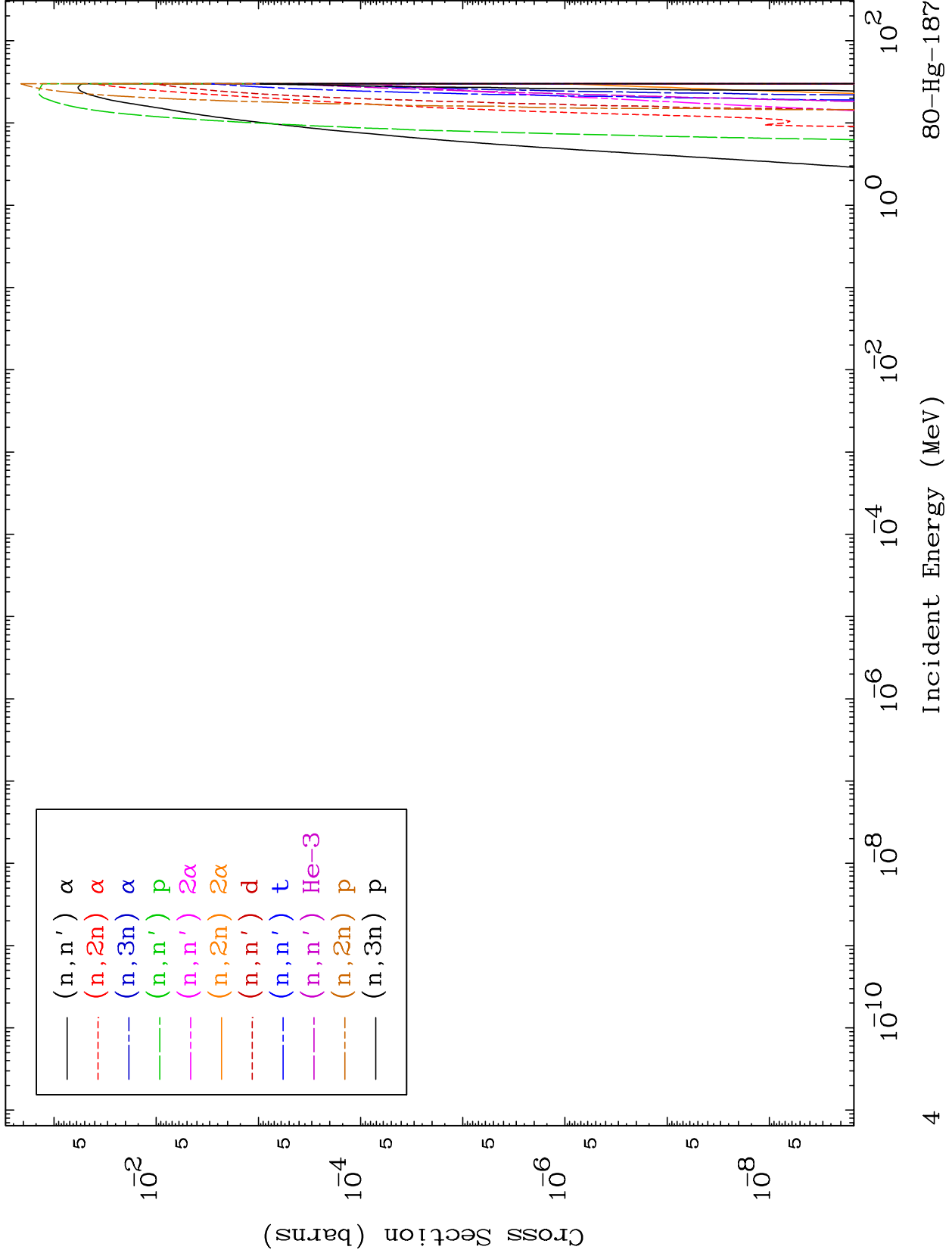
80-Hg-187



MAT 7998

Charged Particle
293 Kelvin Cross Sections

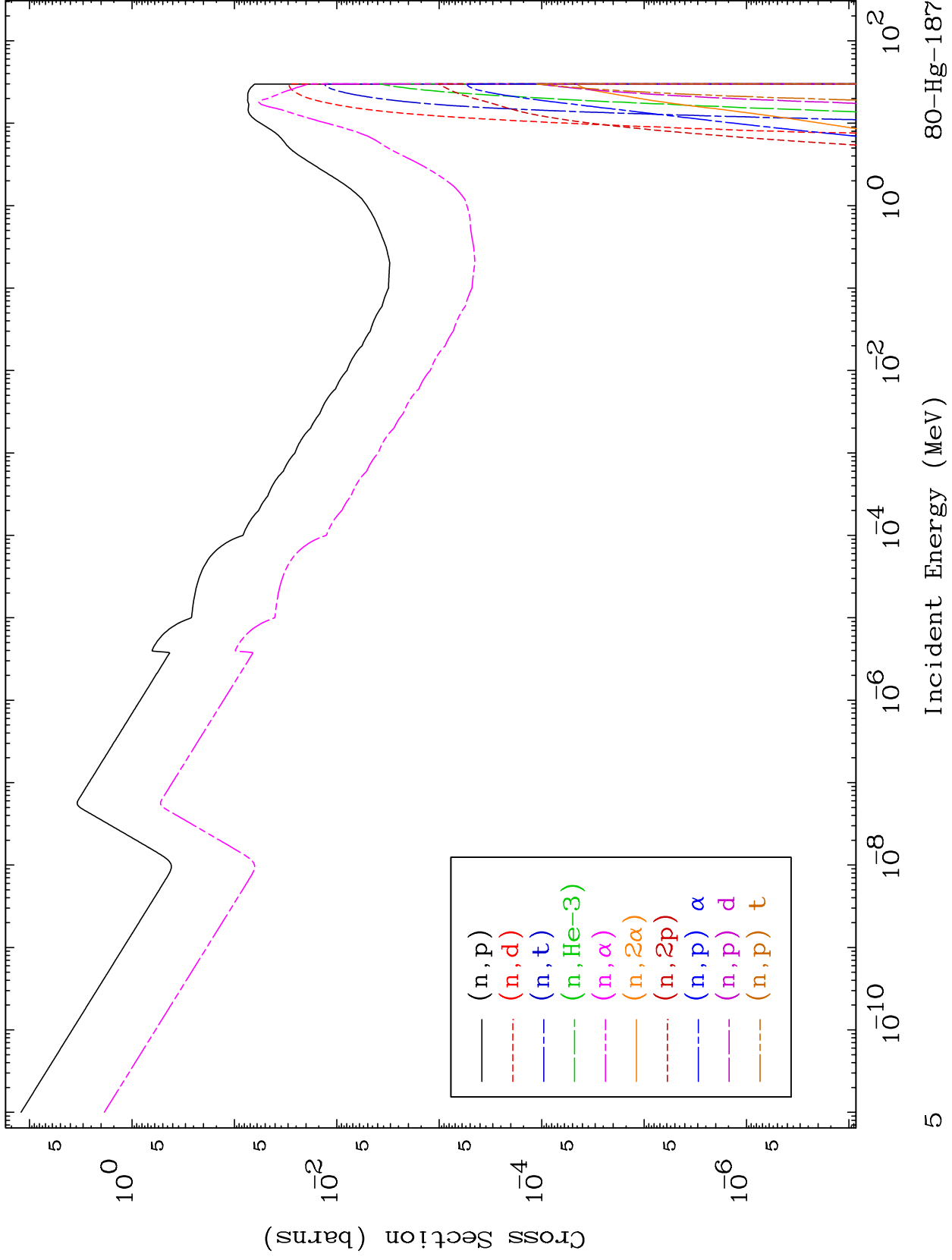
80-Hg-187



MAT 7998

Charged Particle
293 Kelvin Cross Sections

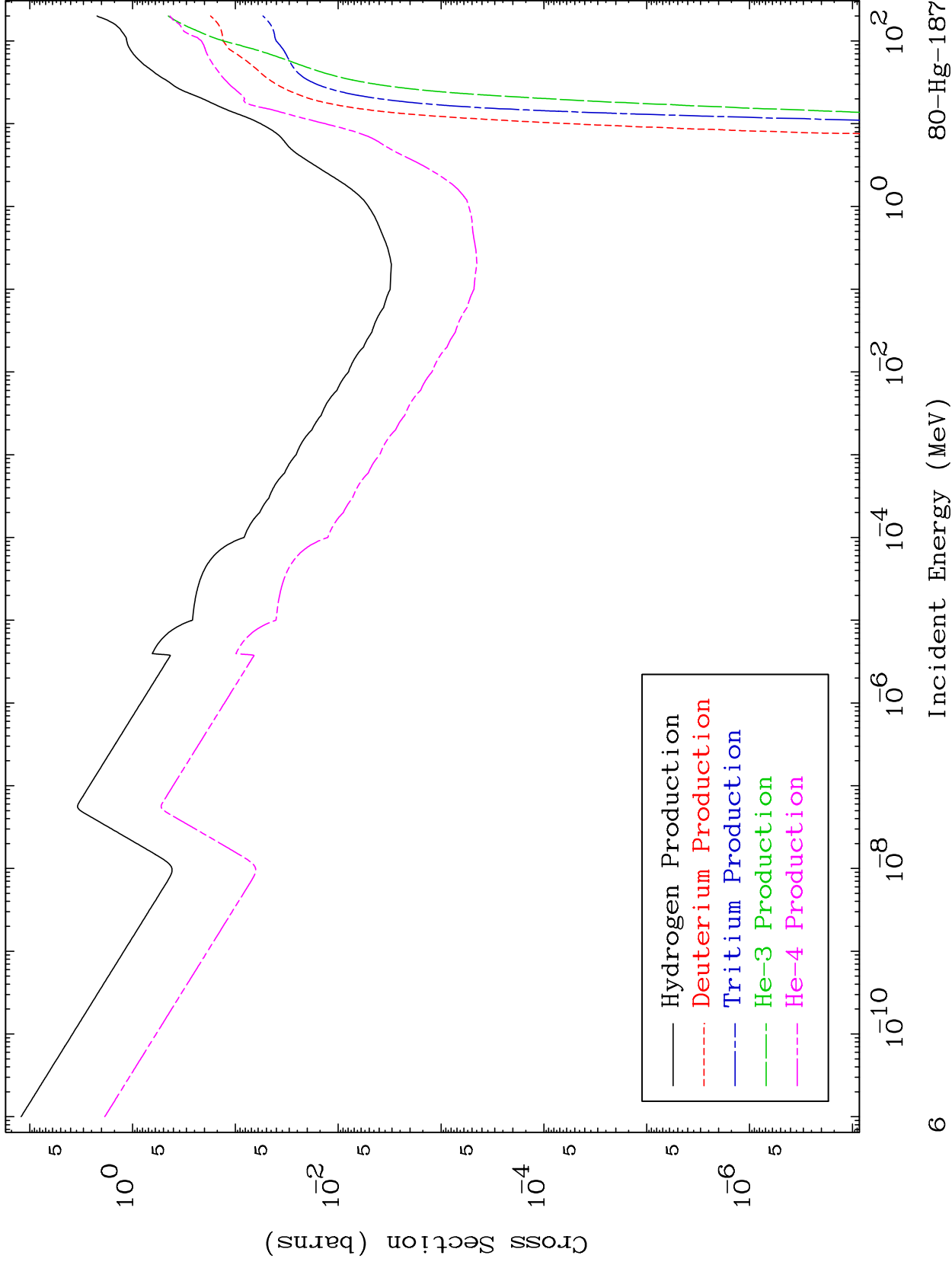
80-Hg-187



MAT 7998

Particle Production
293 Kelvin Cross Sections

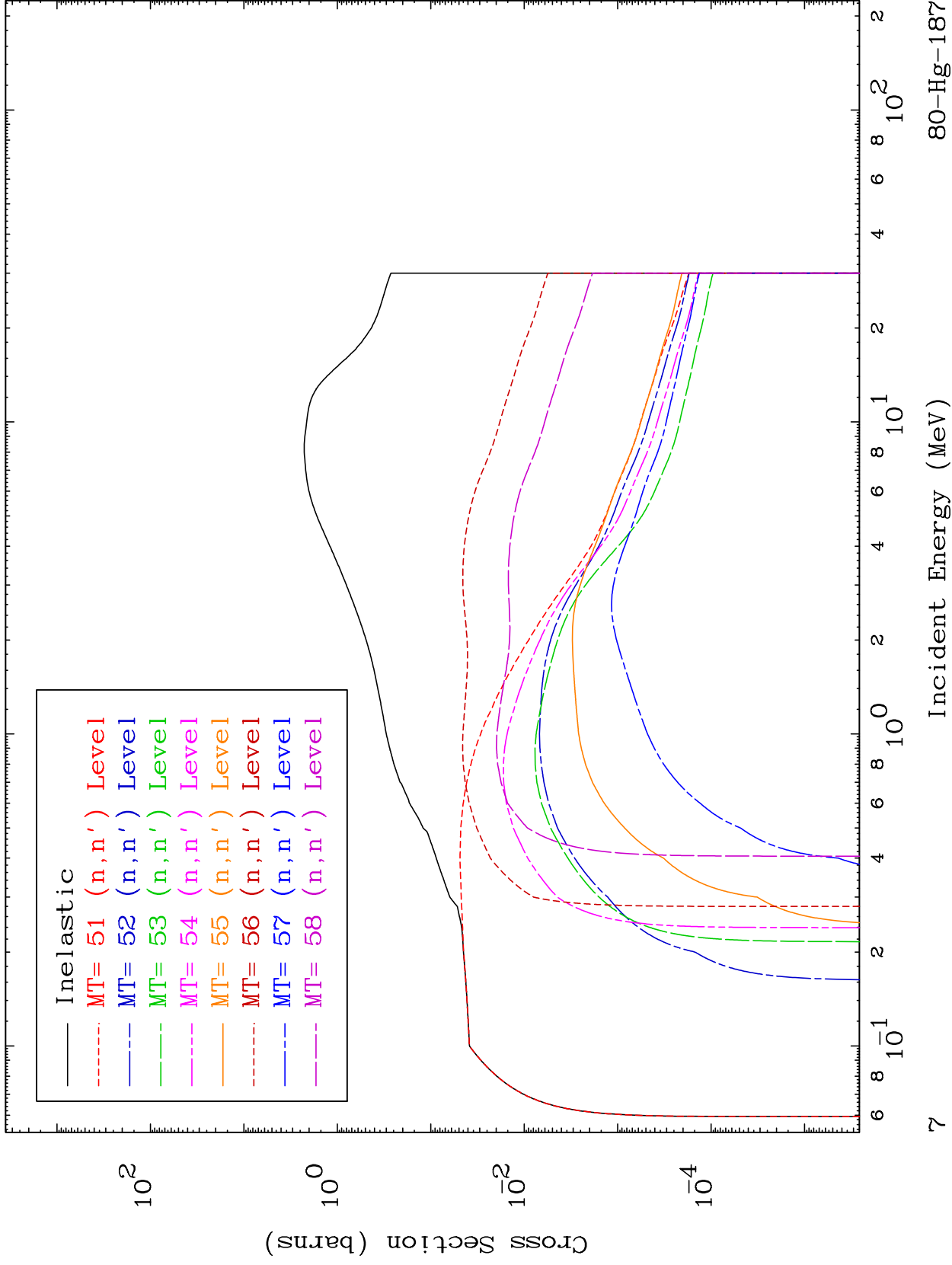
80-Hg-187

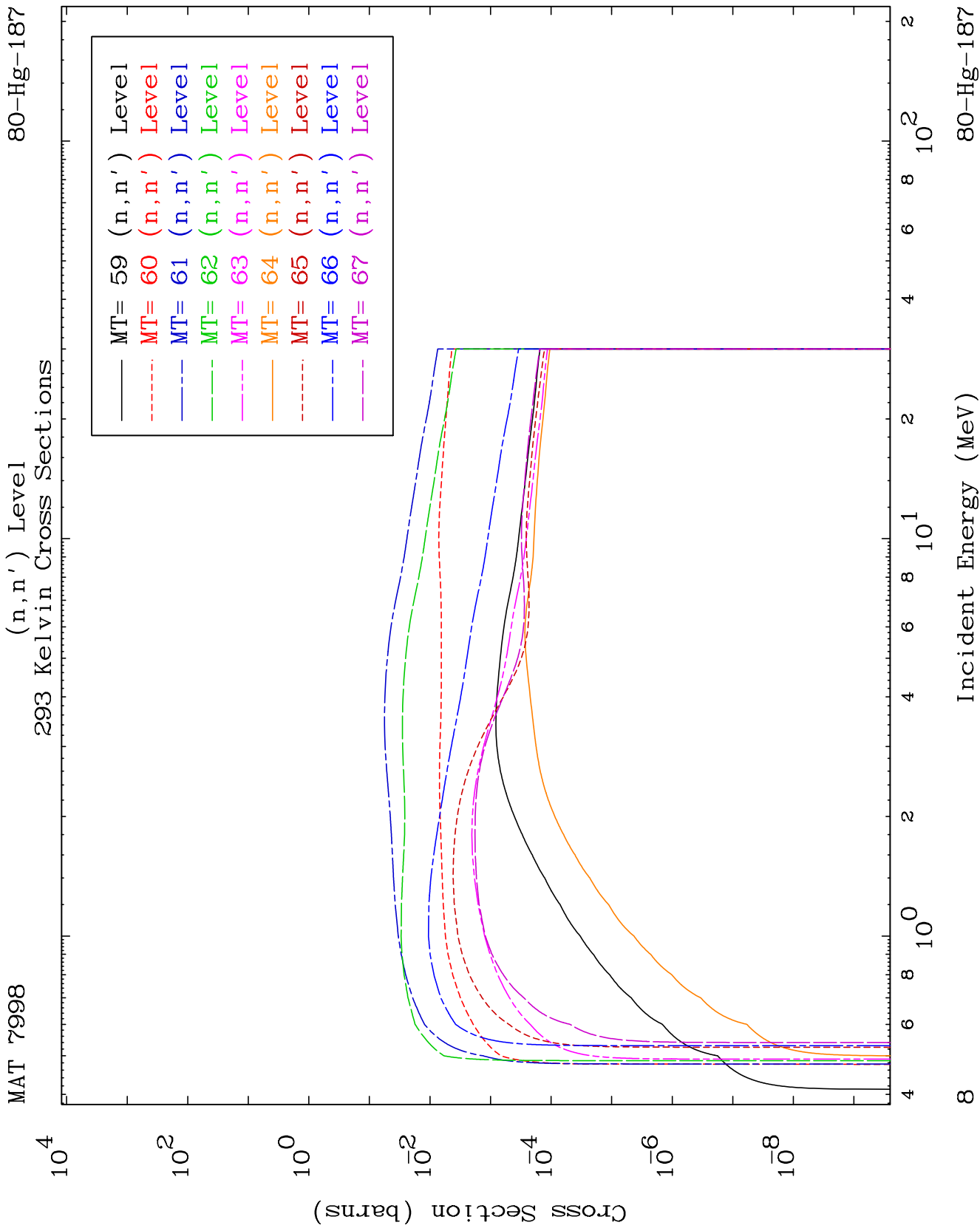


MAT 7998

(n,n') Level
293 Kelvin Cross Sections

80-Hg-187



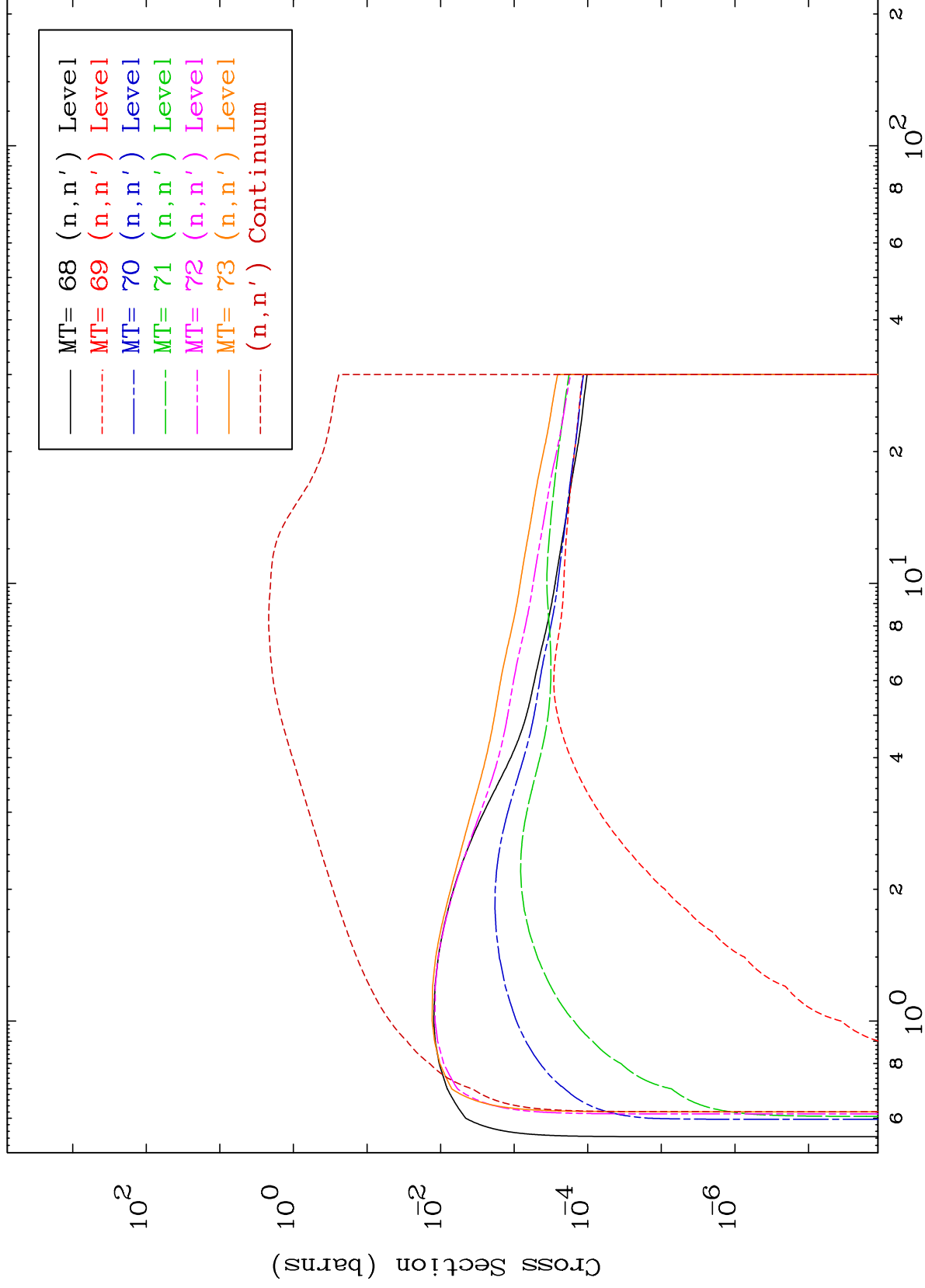


MAT 7998

(n,n') Level

80-Hg-187

293 Kelvin Cross Sections



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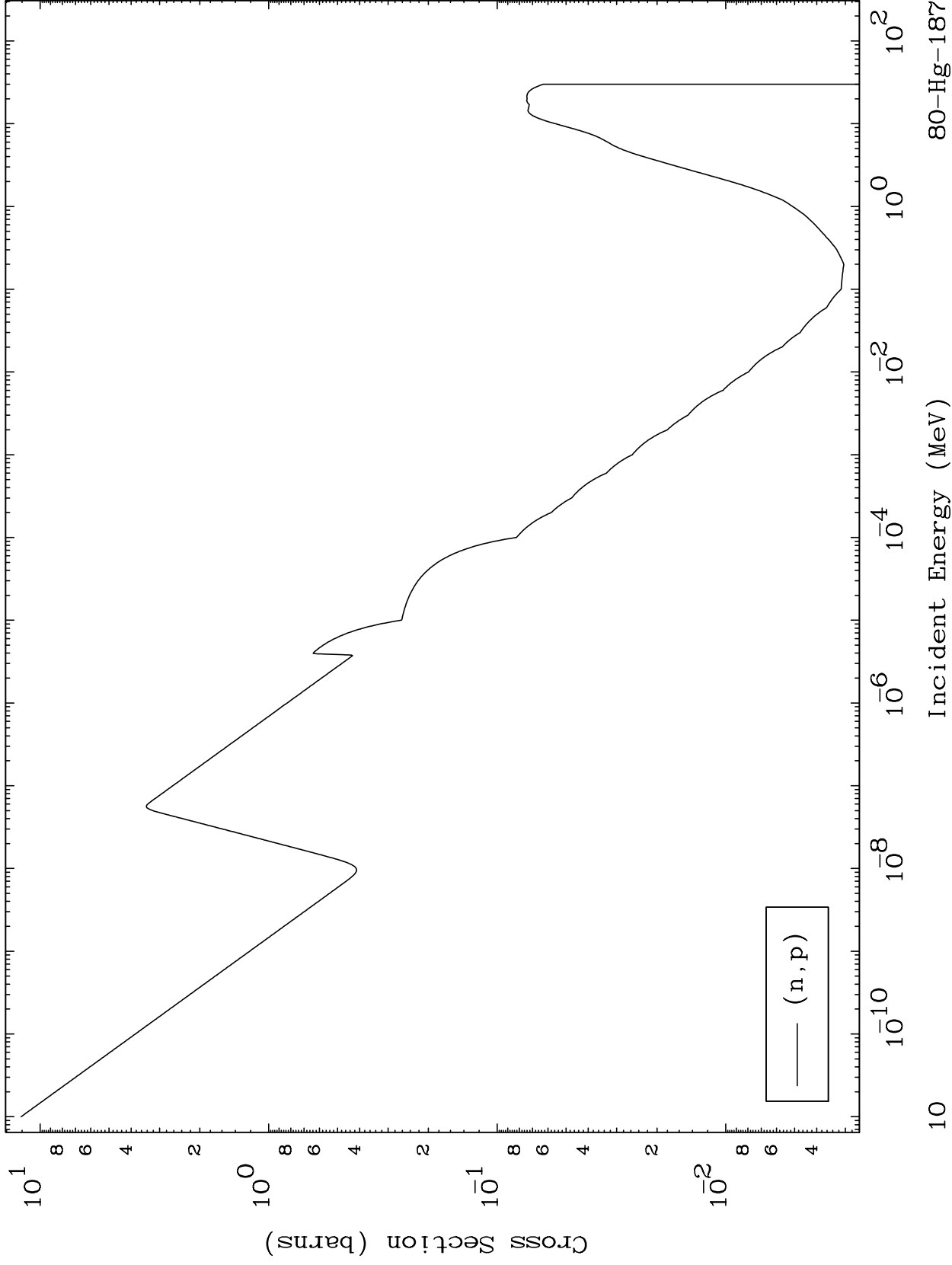
Incident Energy (MeV)

80-Hg-187

MAT 7998

(n,p) Levels
293 Kelvin Cross Sections

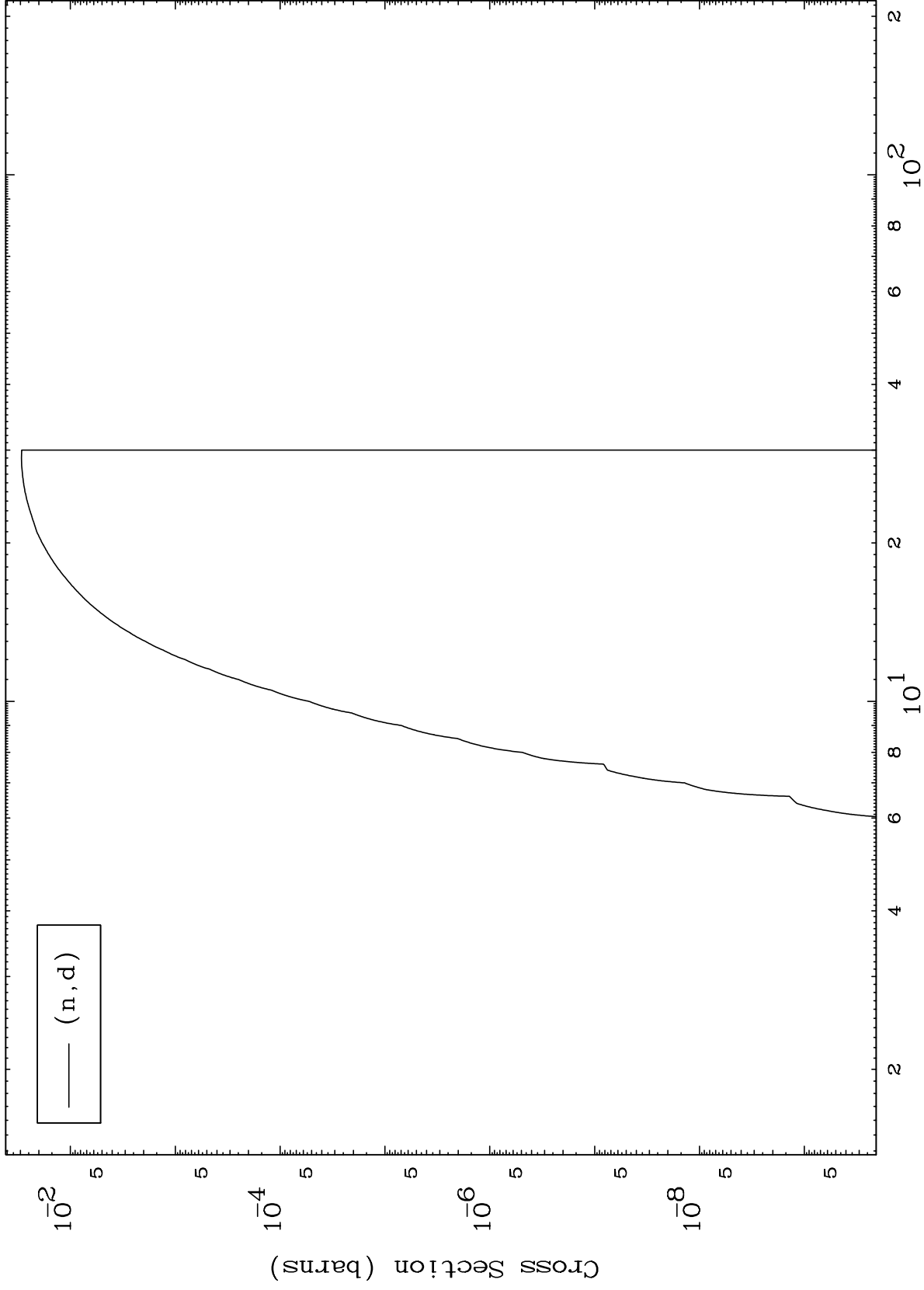
80-Hg-187



MAT 7998

(n,d) Levels
293 Kelvin Cross Sections

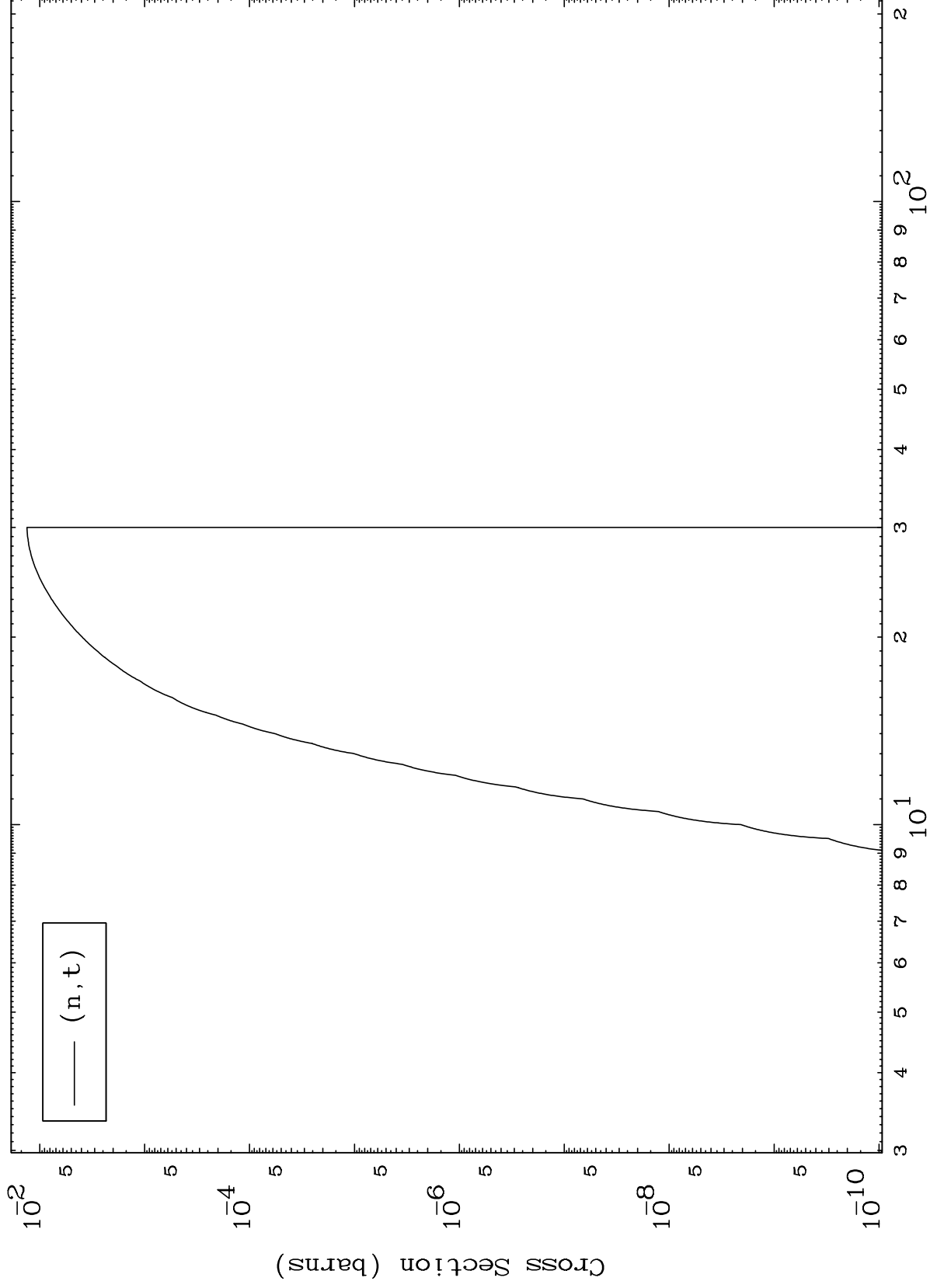
80-Hg-187



MAT 7998

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-187



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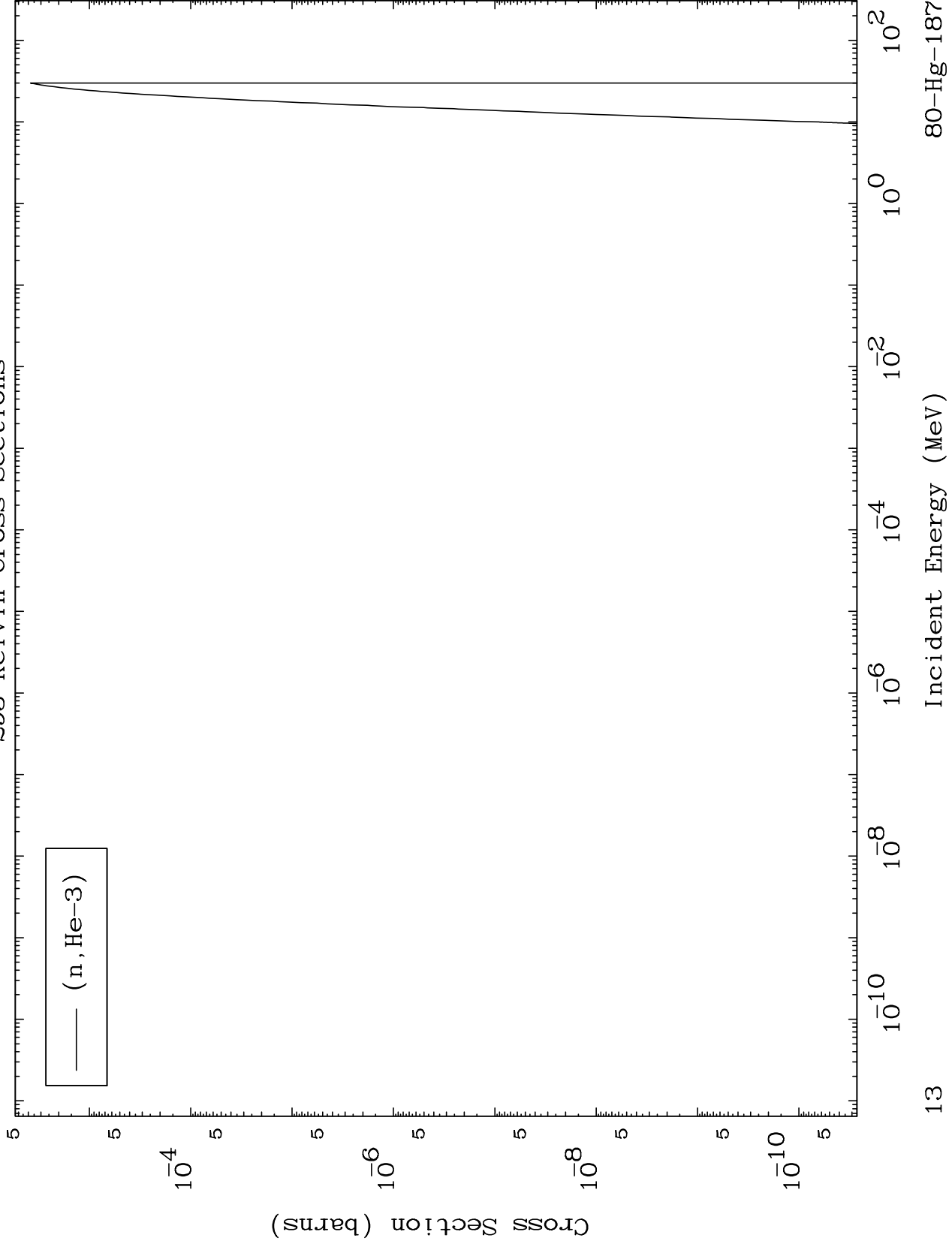
Incident Energy (MeV)

80-Hg-187

MAT 7998

(n,He3) Levels
293 Kelvin Cross Sections

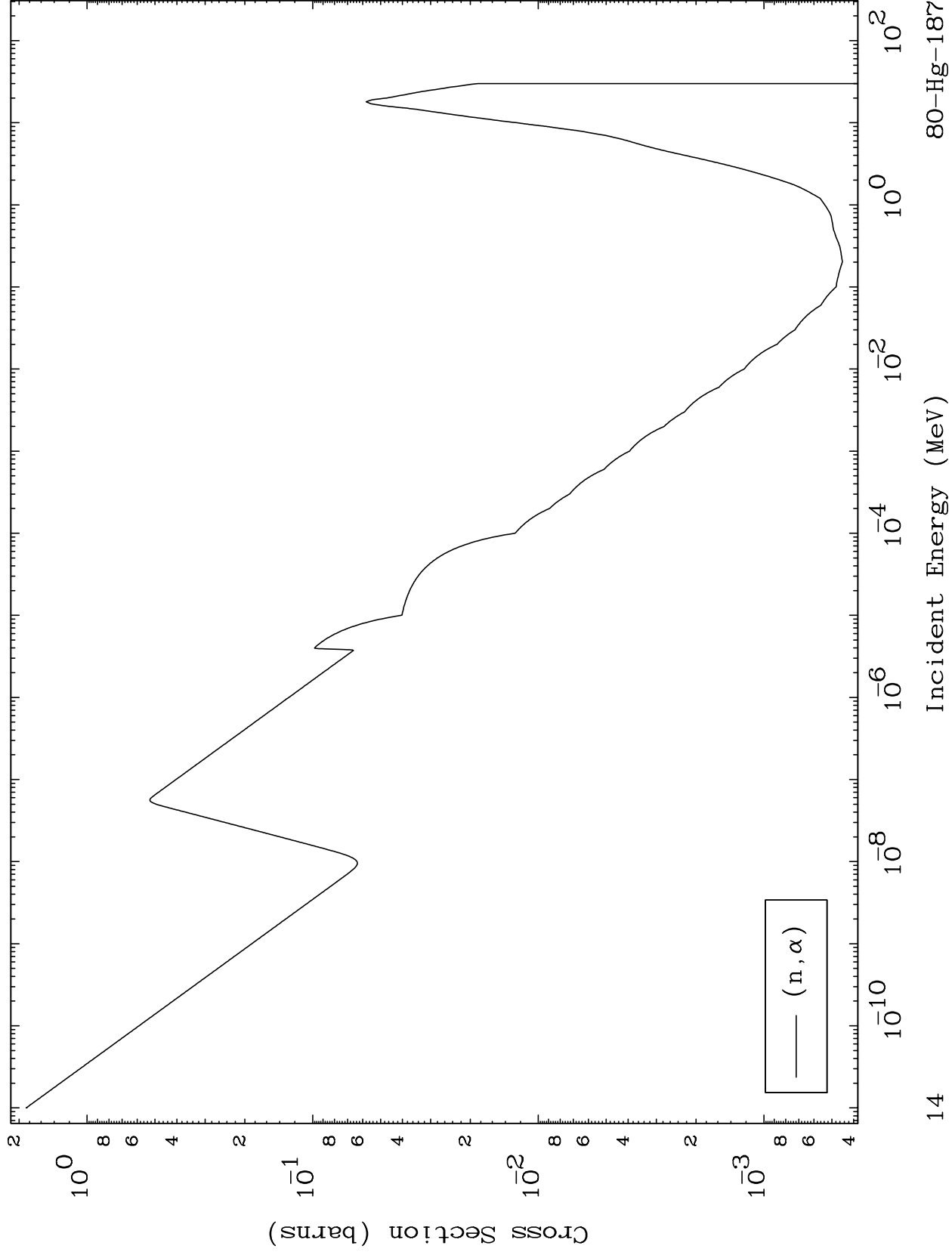
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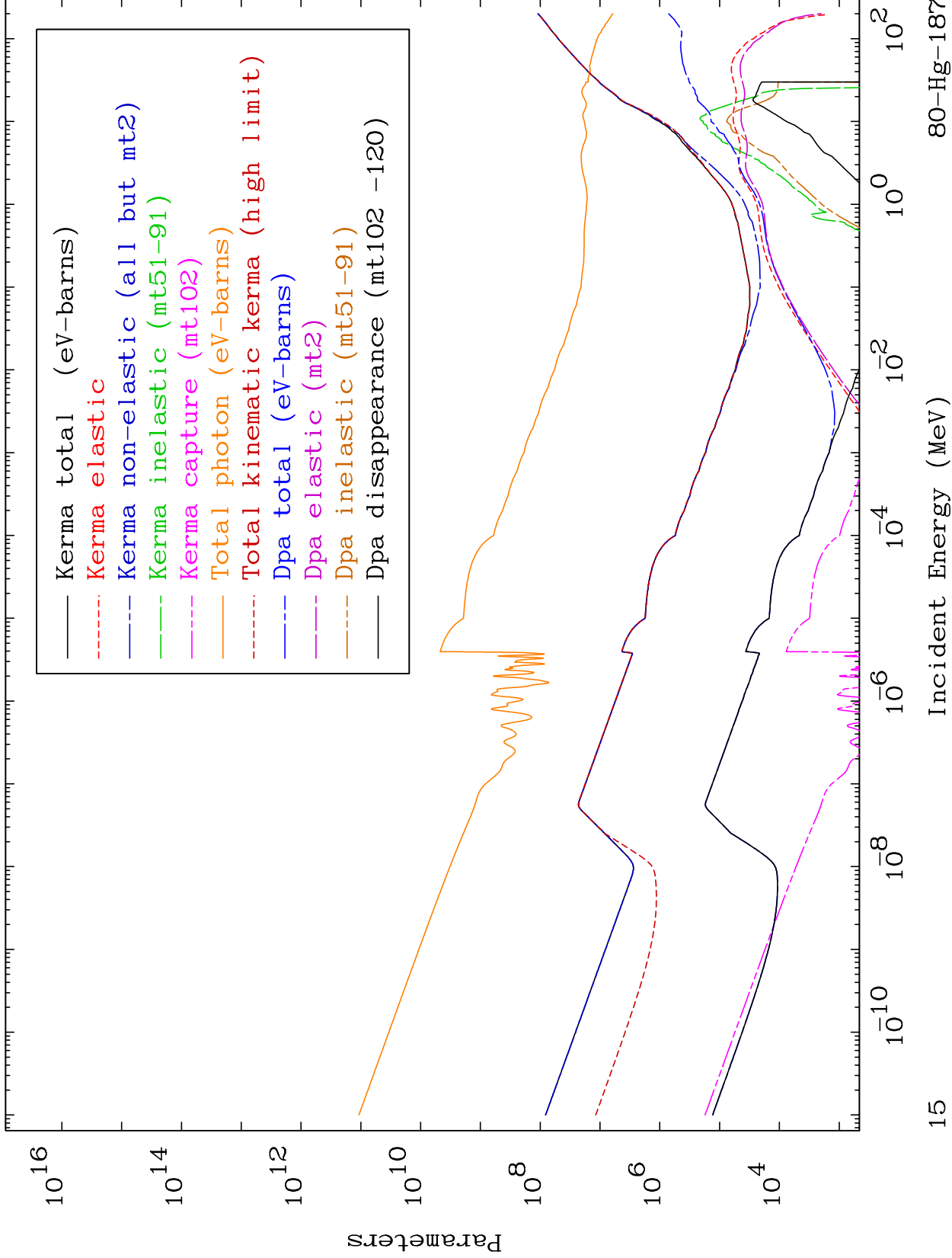


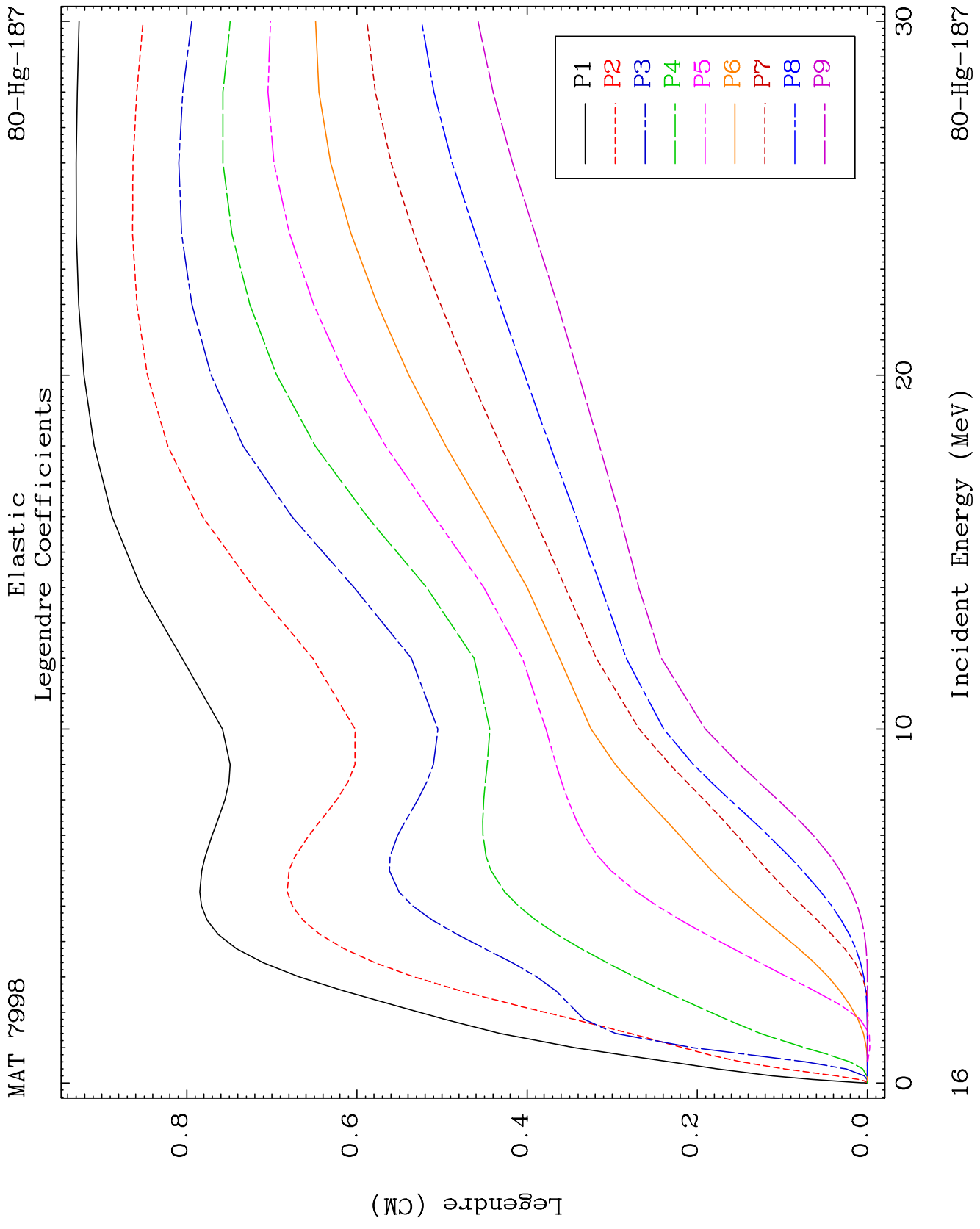
MAT 7998

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-187



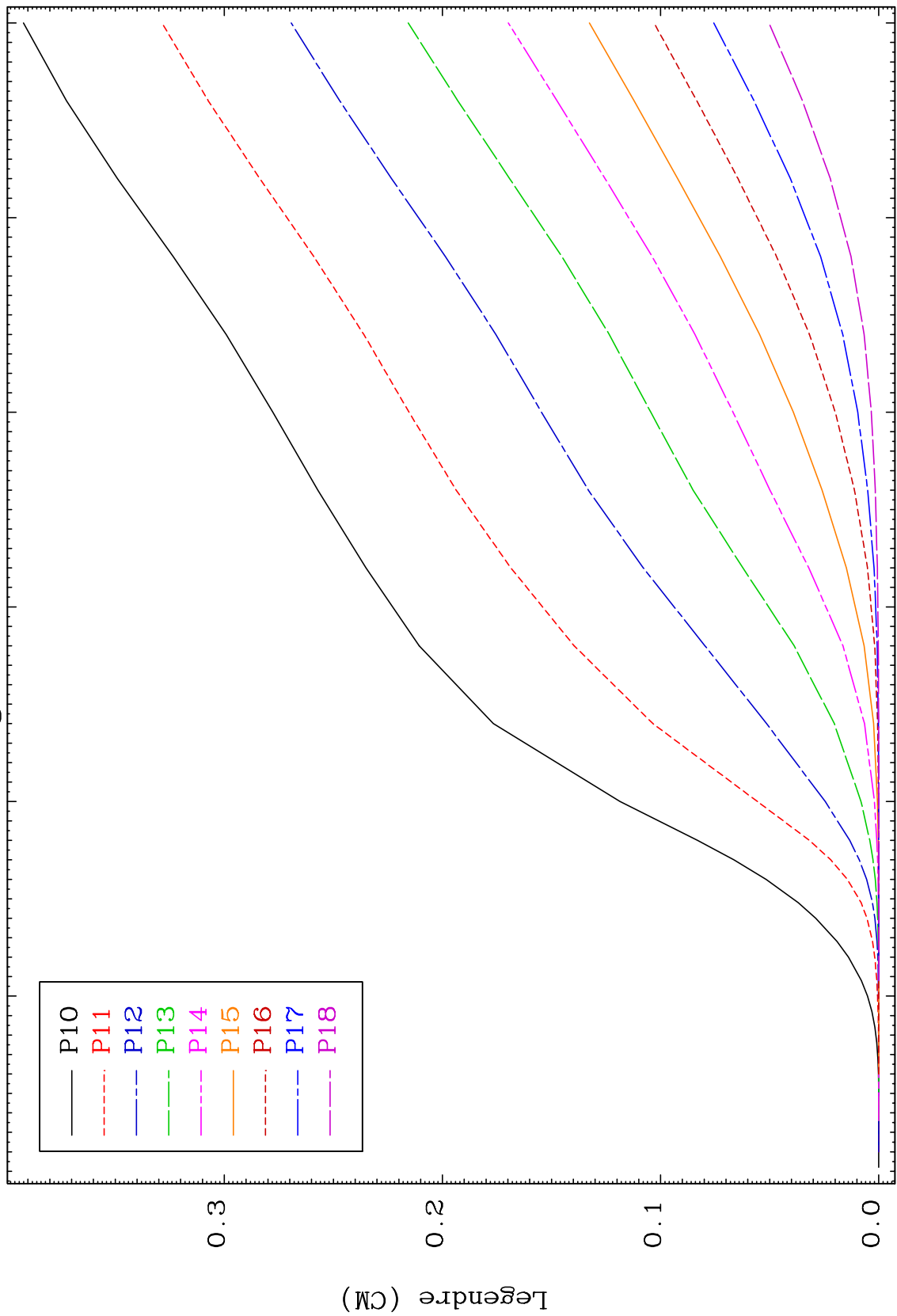




MAT 7998

Elastic Legendre Coefficients

80-Hg-187



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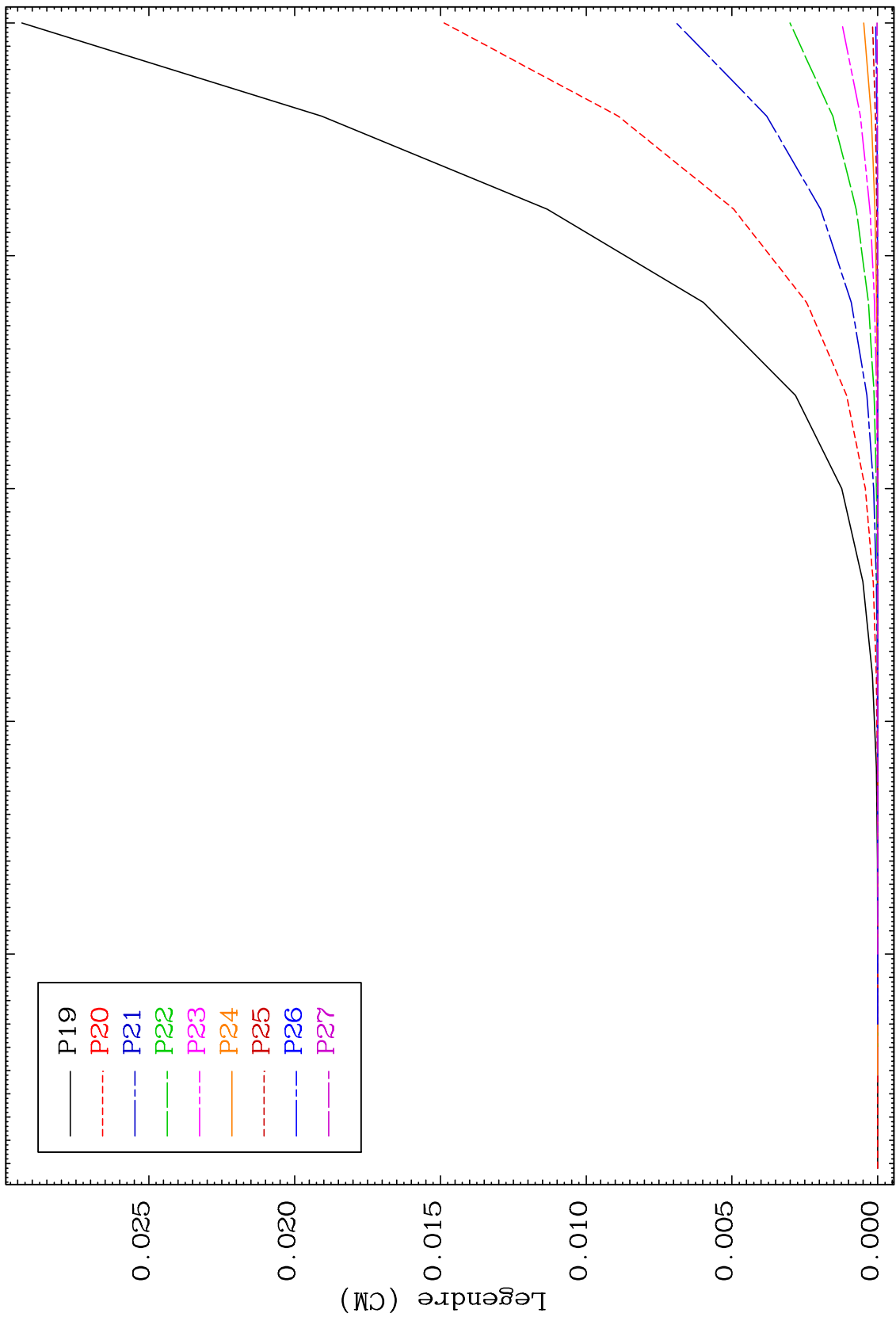
Incident Energy (MeV)

80-Hg-187

MAT 7998

Elastic Legendre Coefficients

80-Hg-187



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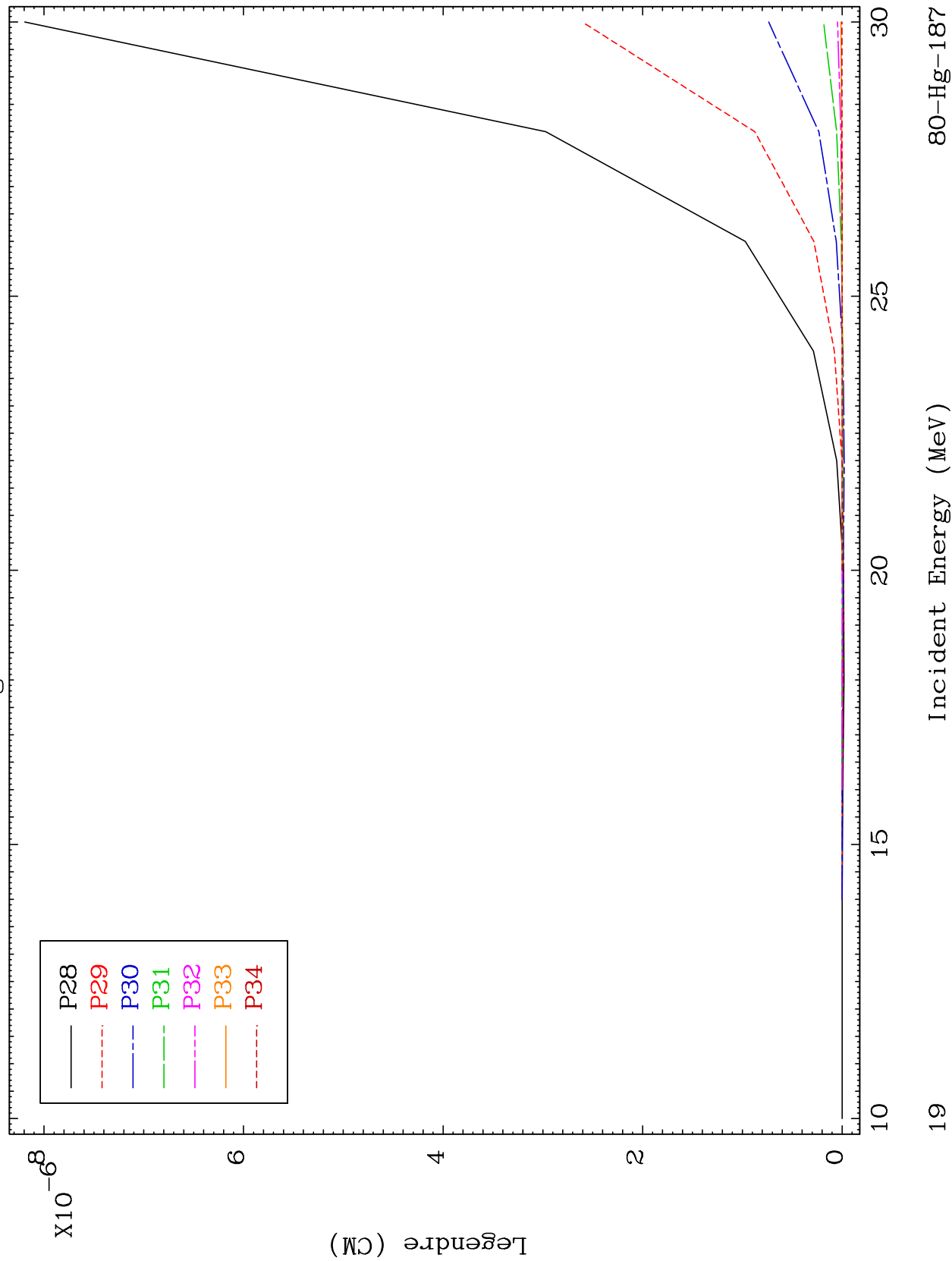
Incident Energy (MeV)

80-Hg-187

MAT 7998

Elastic
Legendre Coefficients

80-Hg-187



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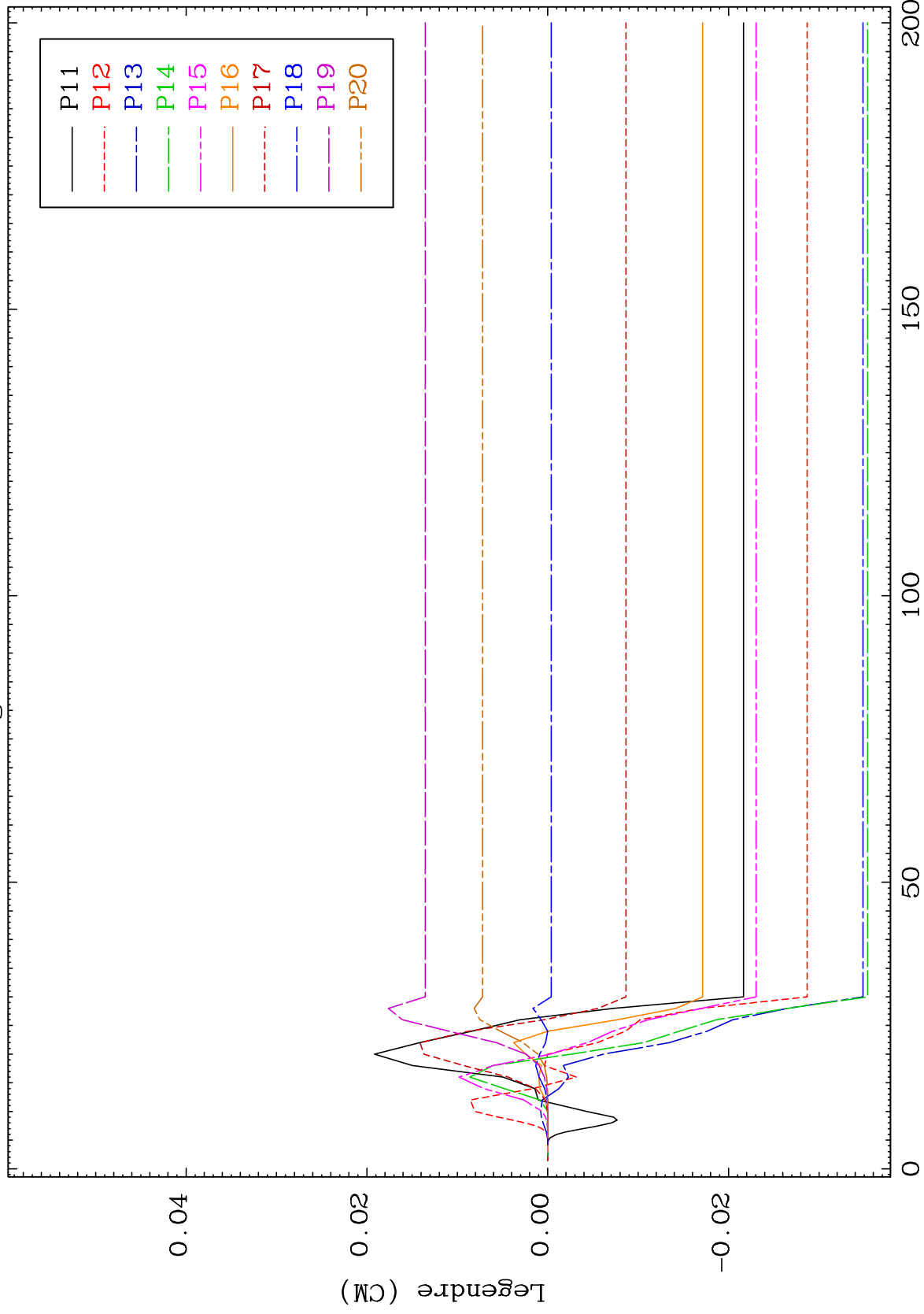
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



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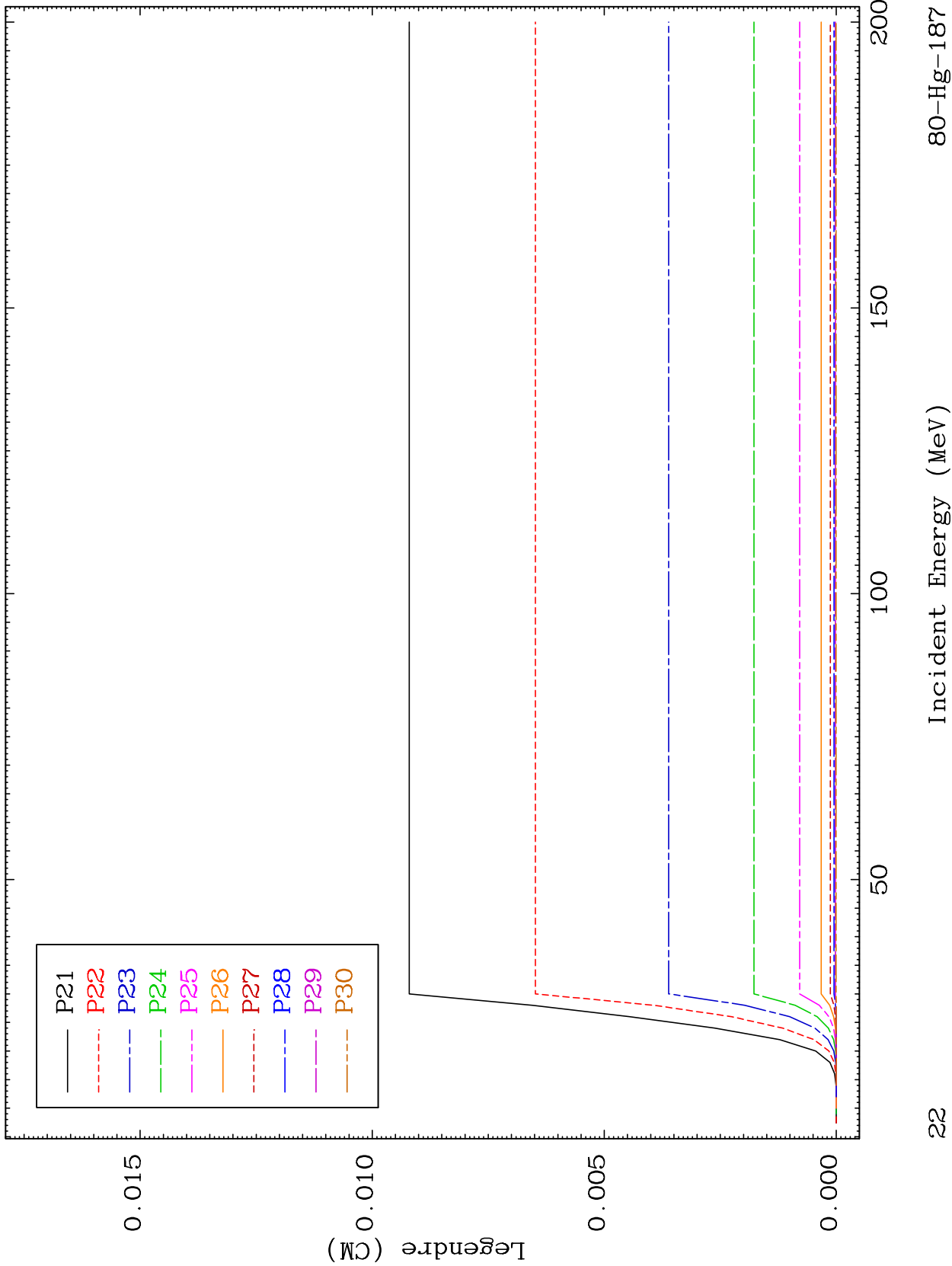
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

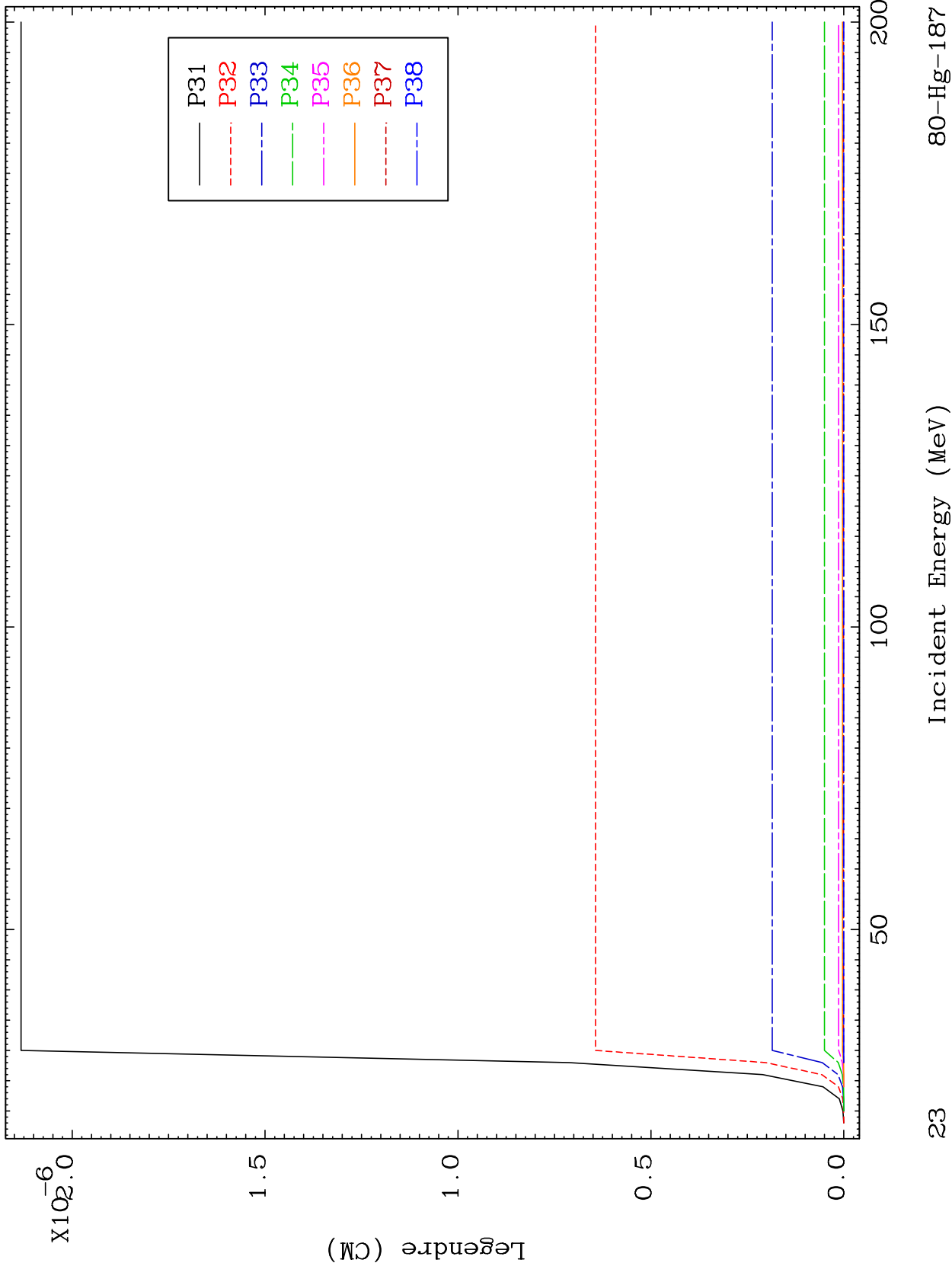
80-Hg-187



MAT 7998

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

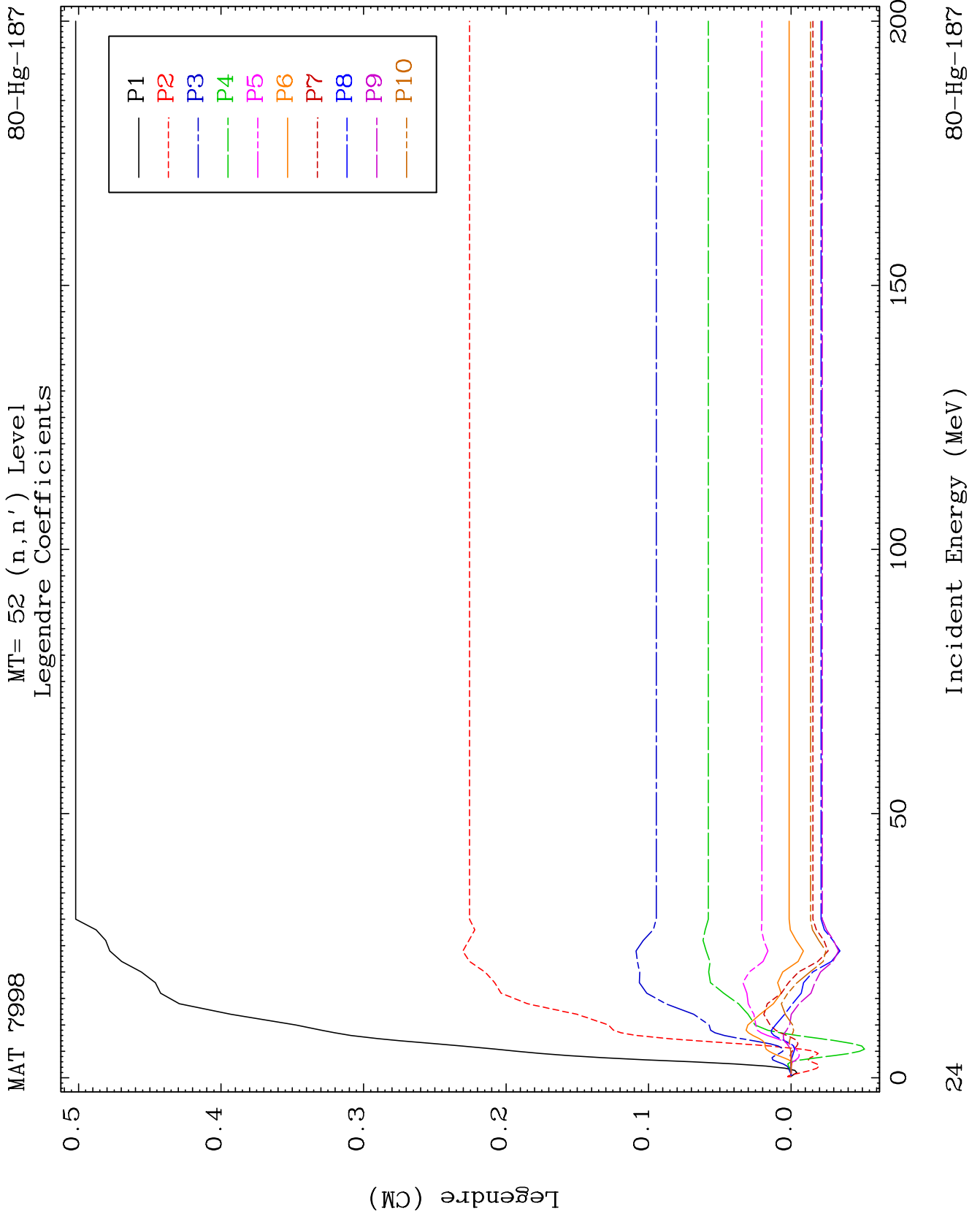
80-Hg-187



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Incident Energy (MeV)

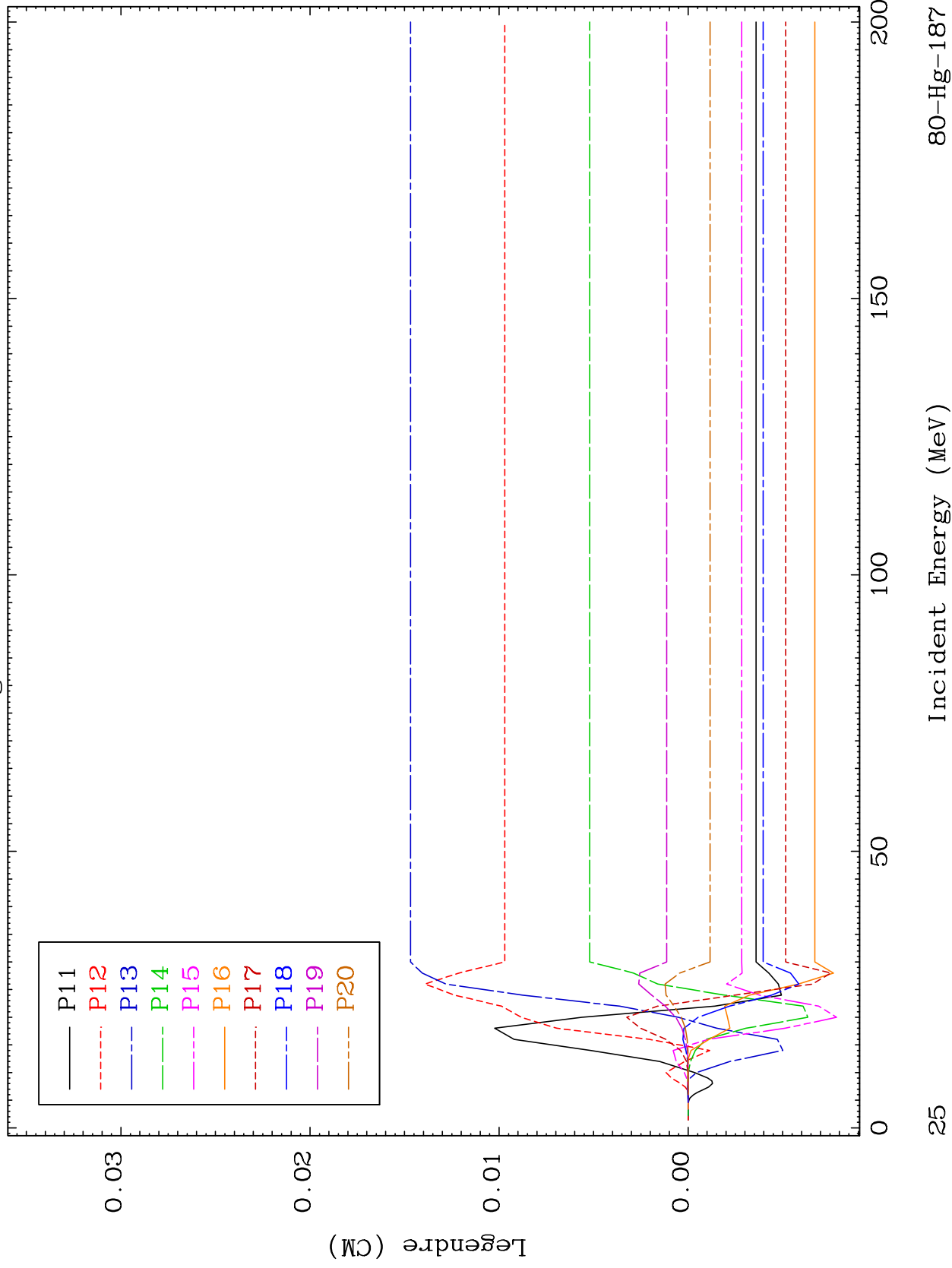
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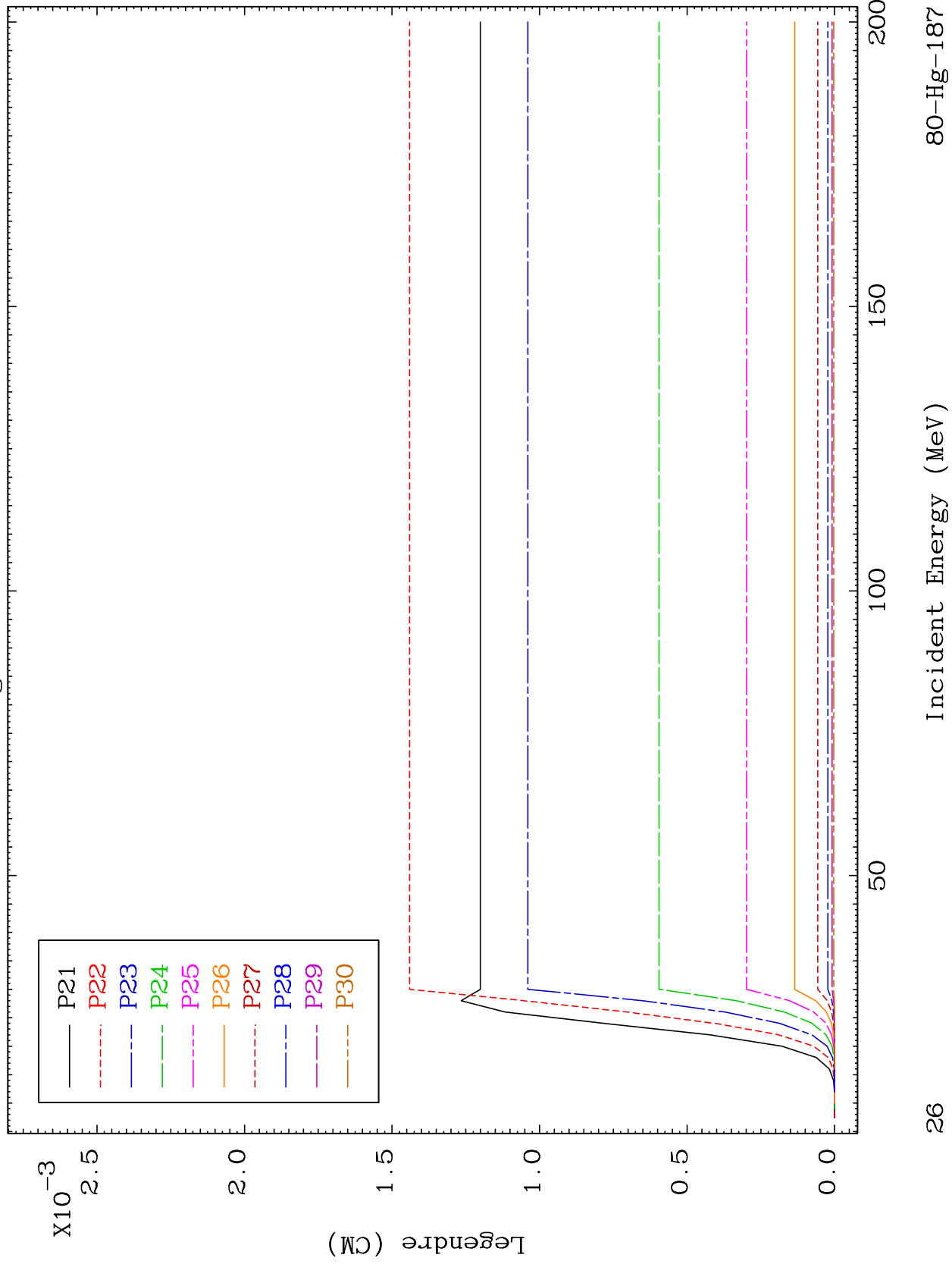


MAT 7998

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

80-Hg-187

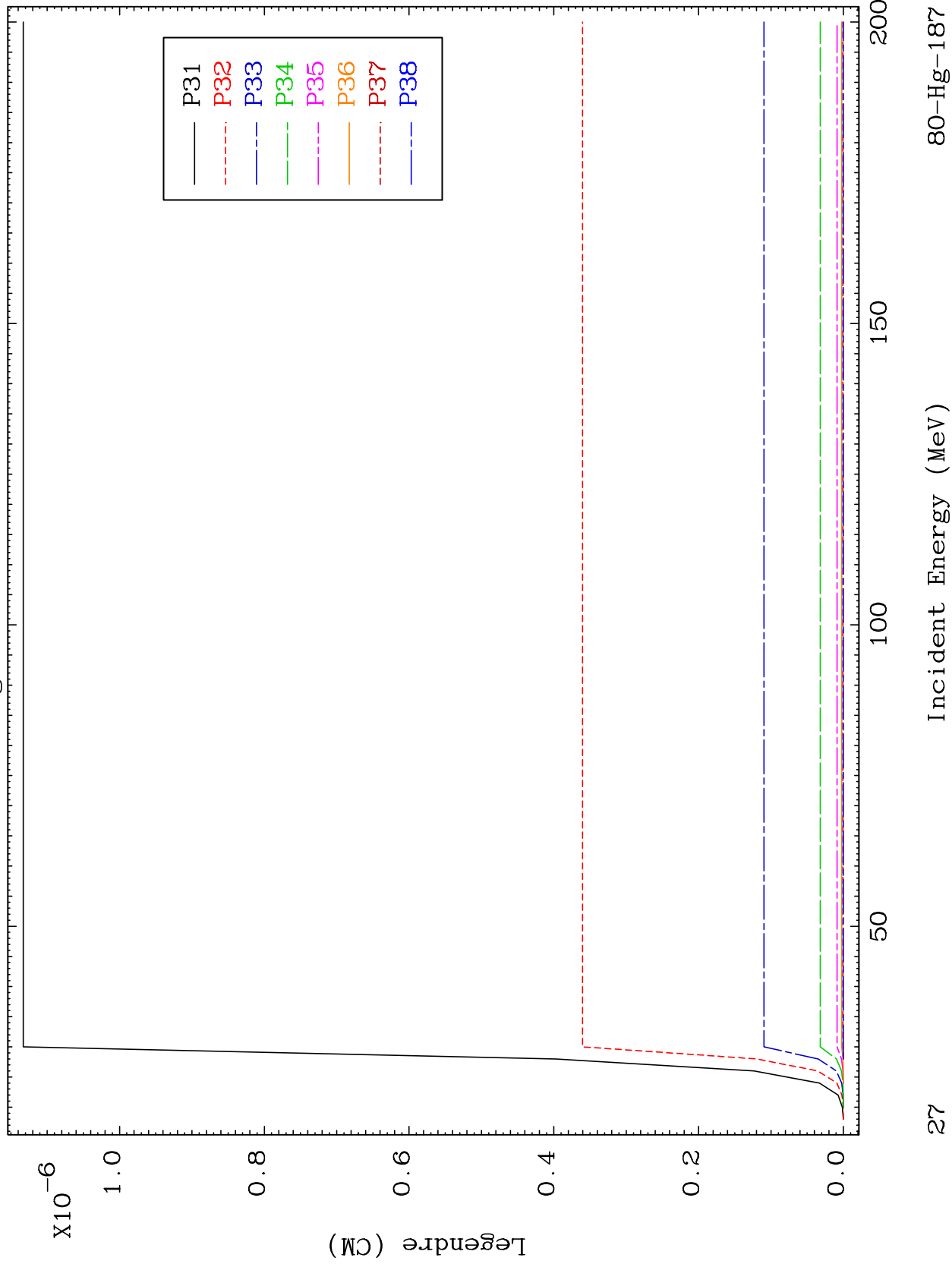




MAT 7998

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

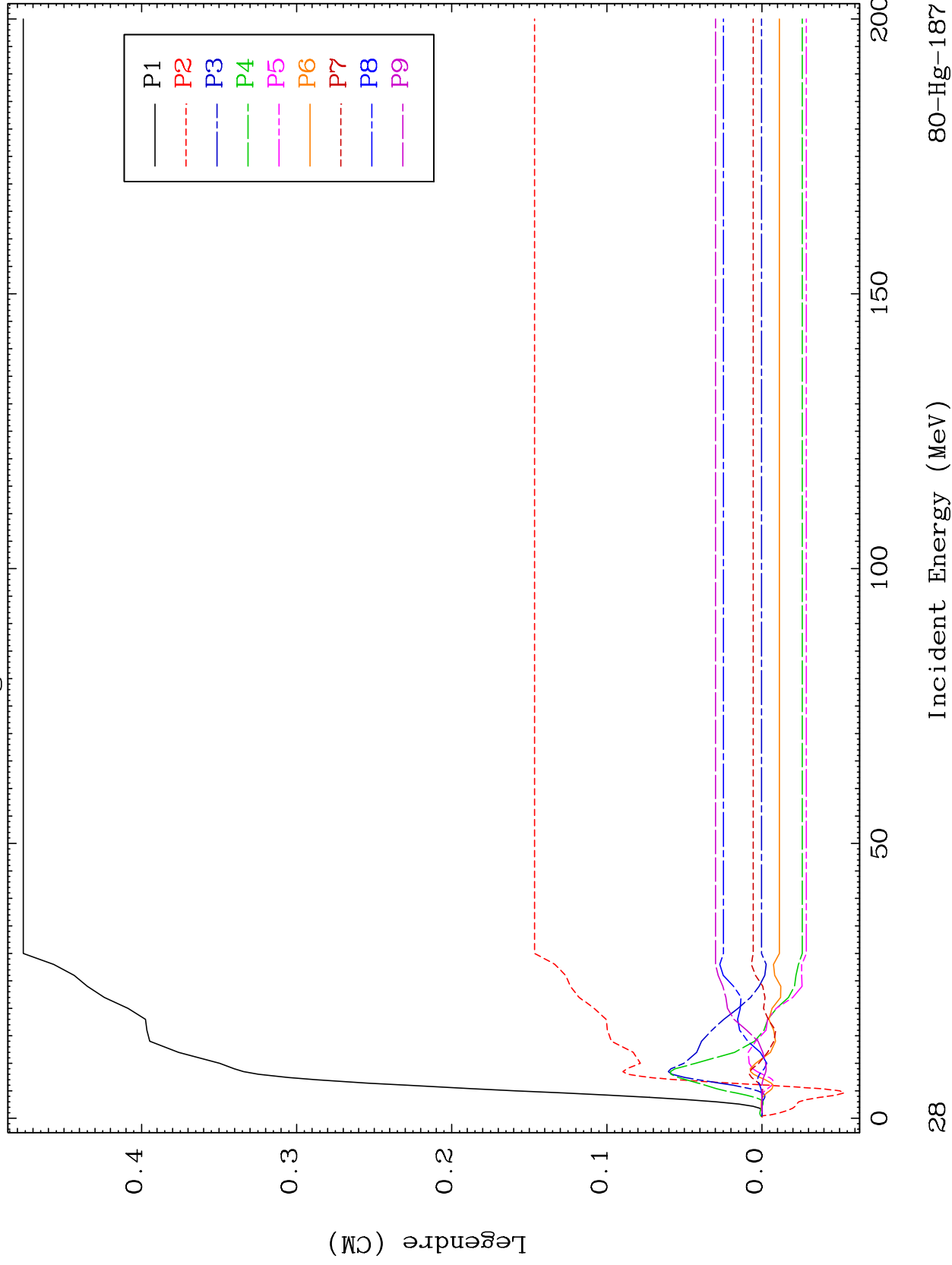
80-Hg-187



MAT 7998

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

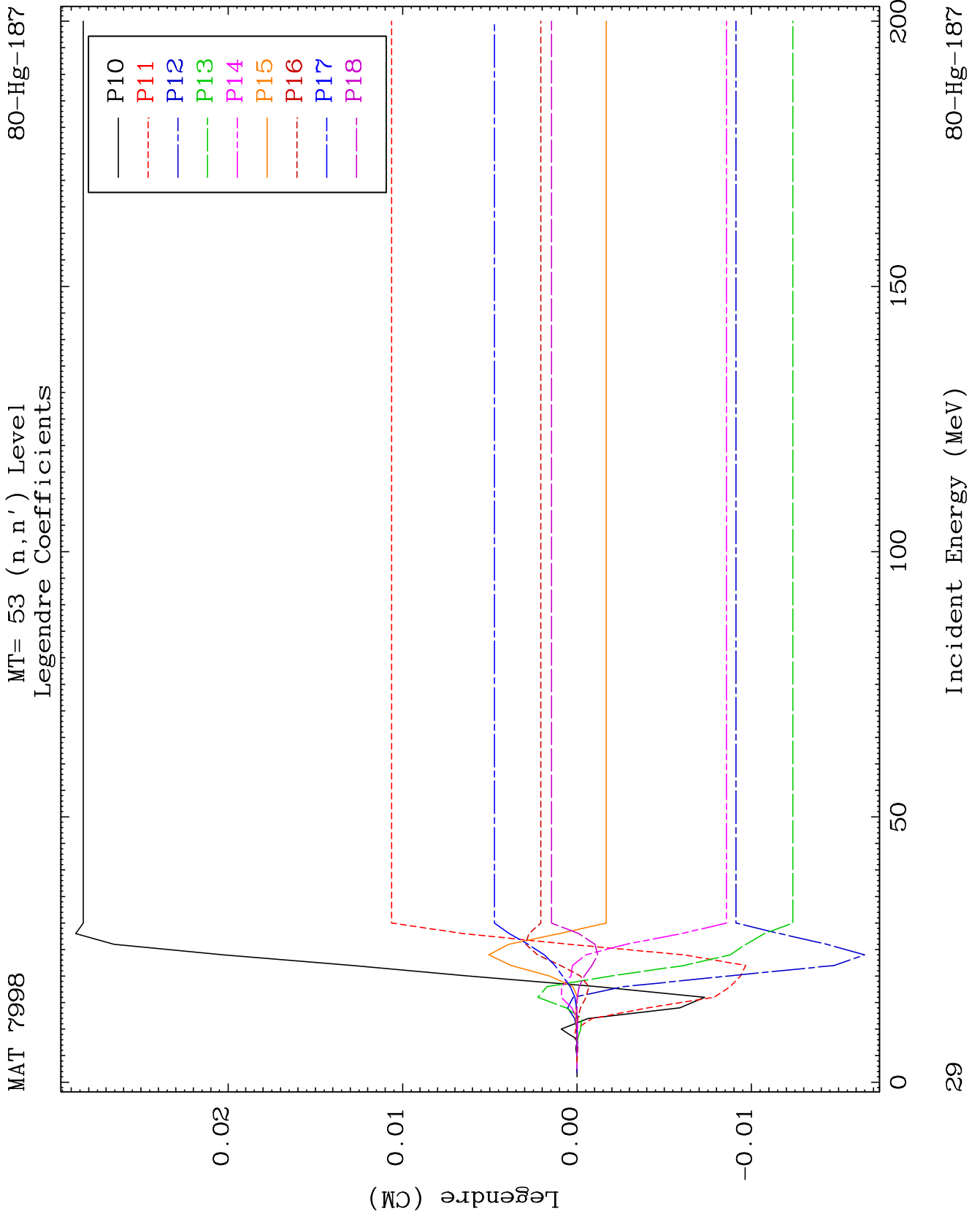
80-Hg-187



80-Hg-187

Incident Energy (MeV)

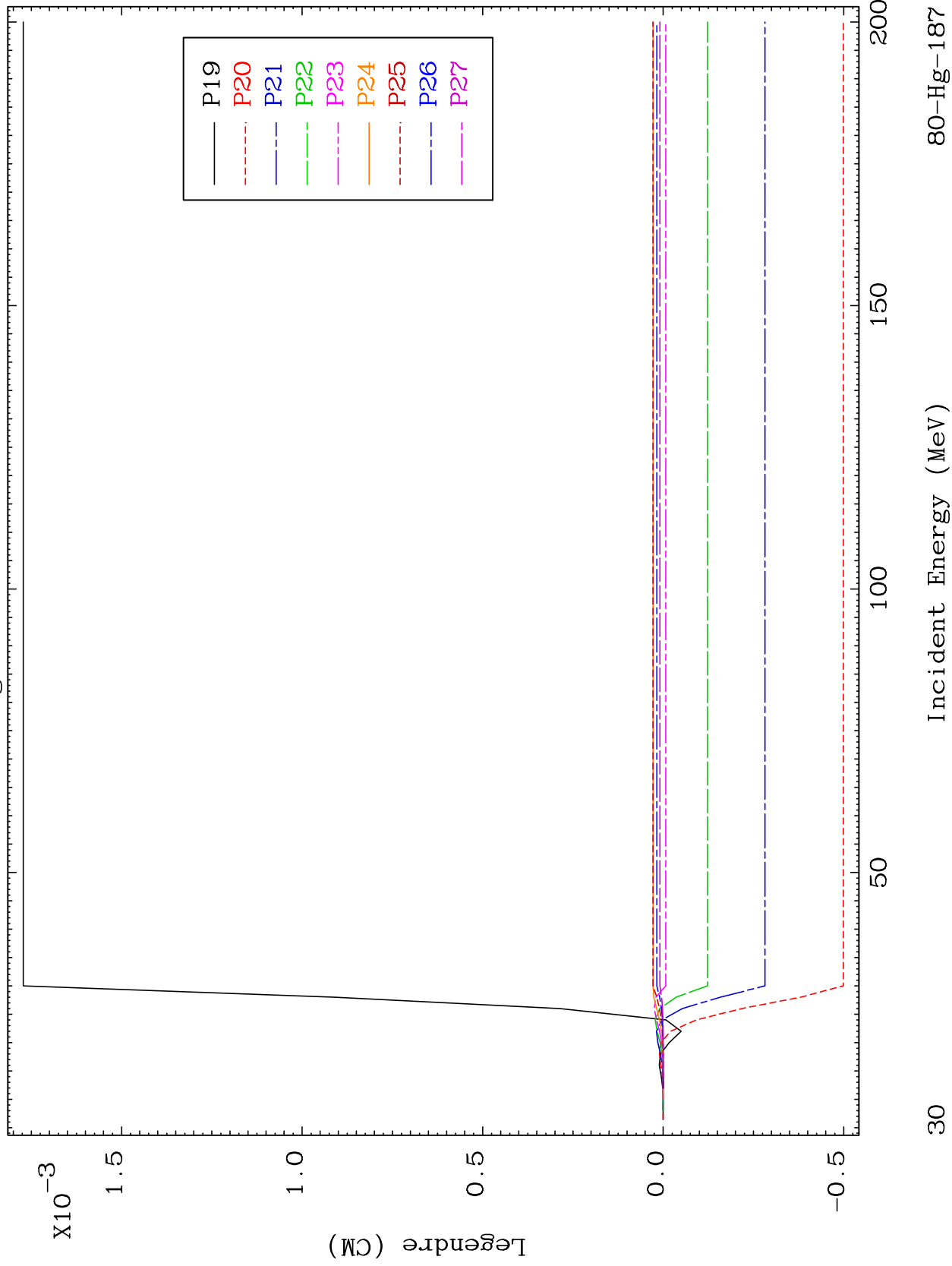
28



MAT 7998

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

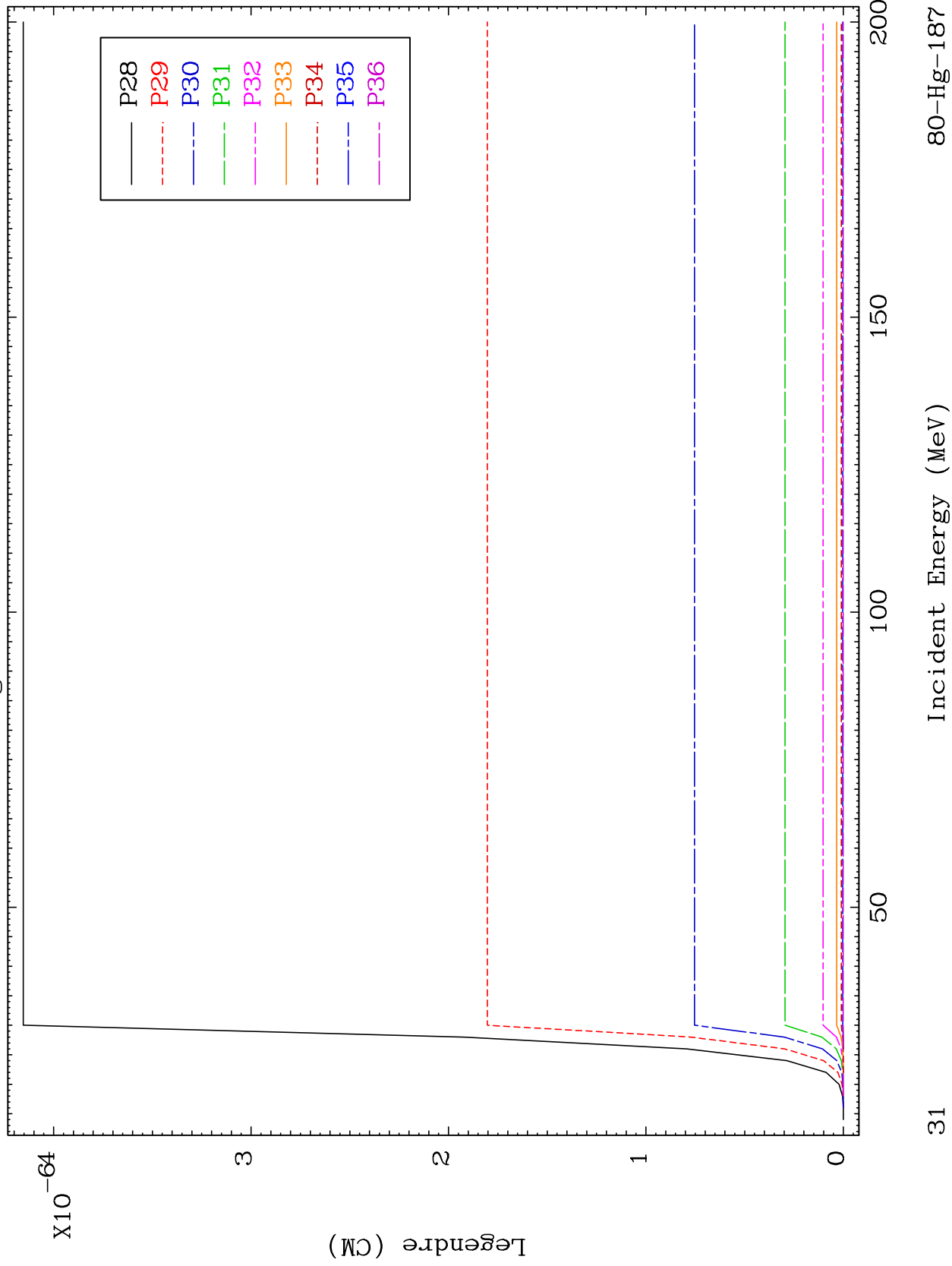
80-Hg-187

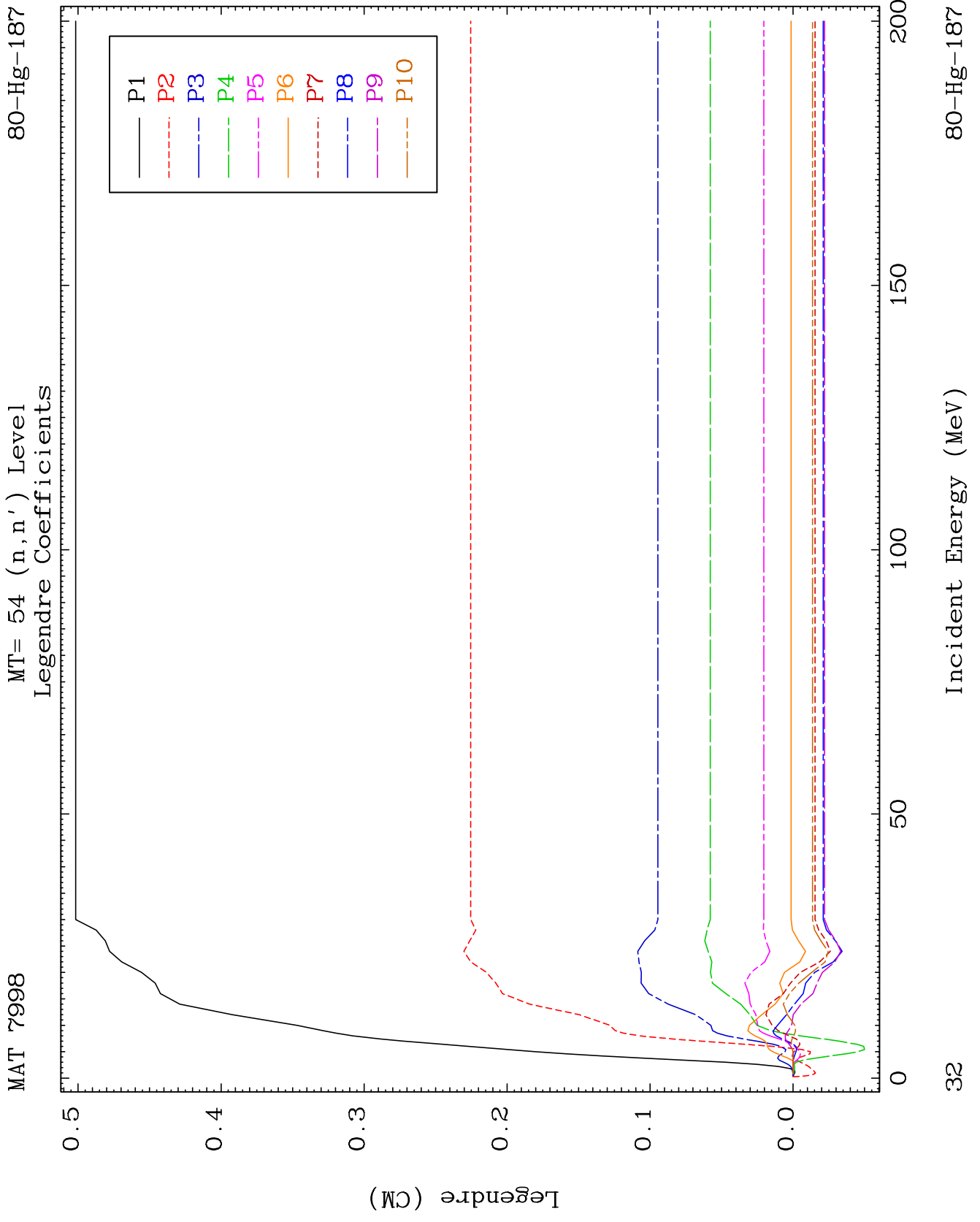


MAT 7998

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

80-Hg-187

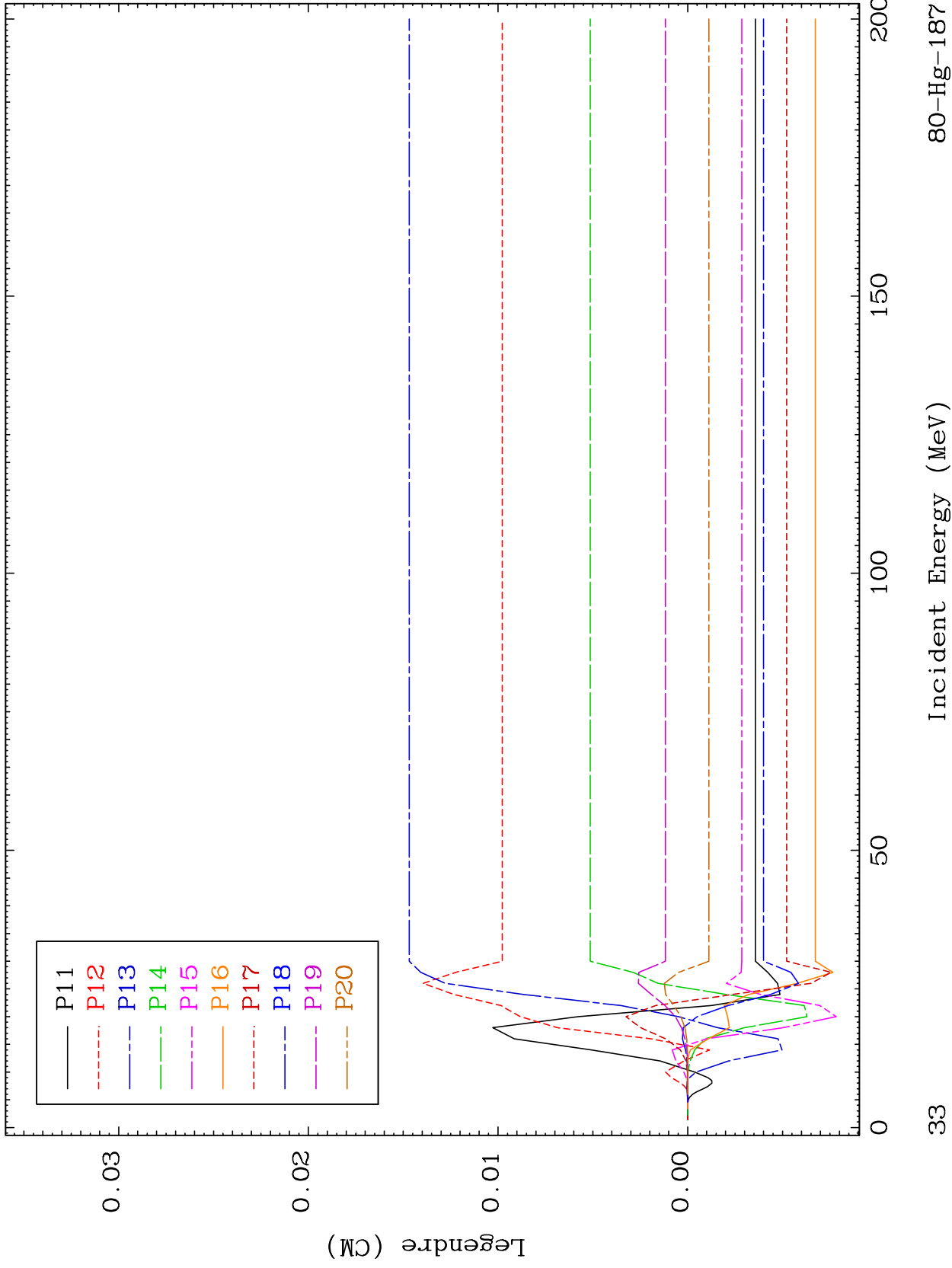




MAT 7998

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

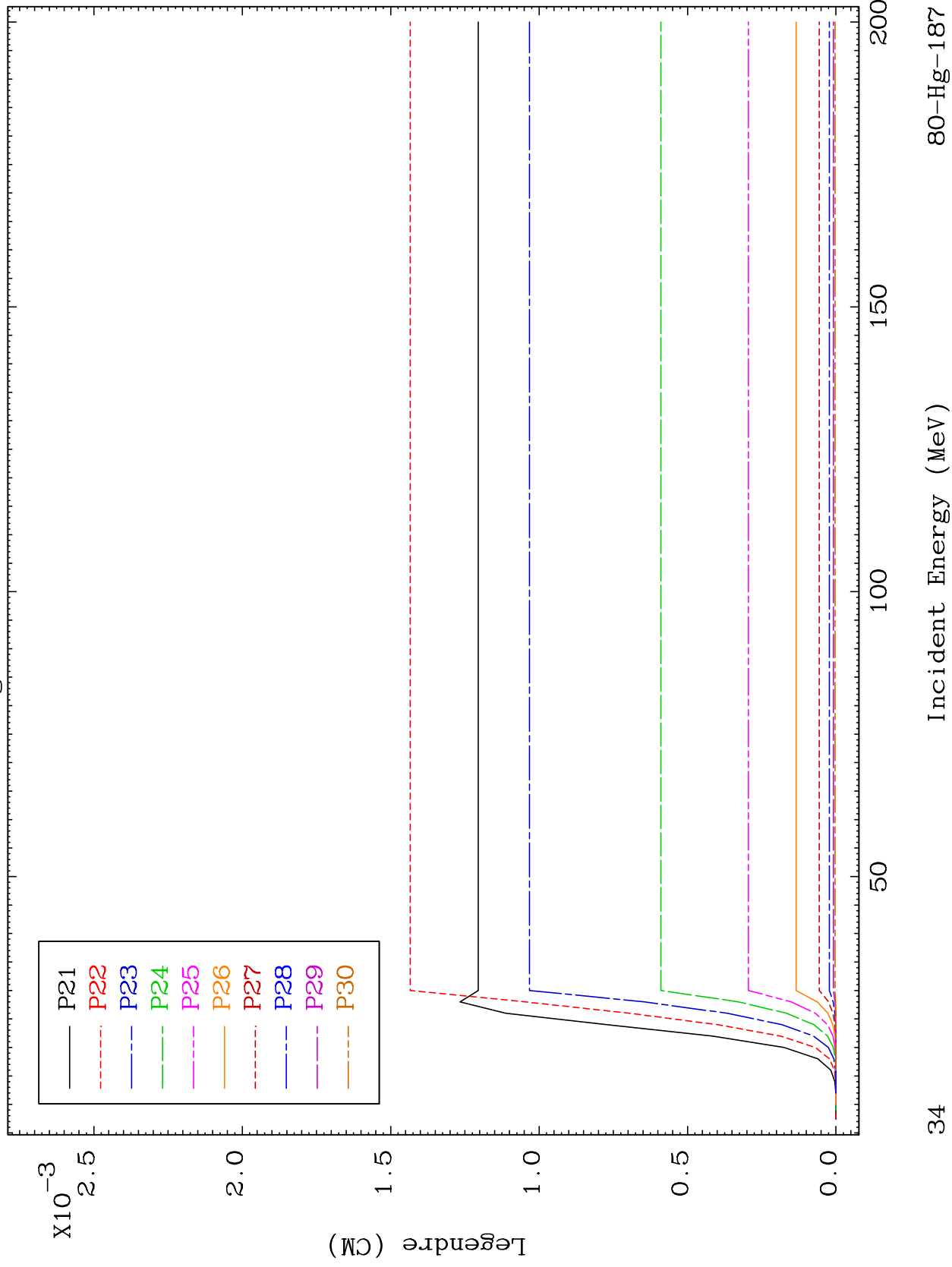
80-Hg-187



MAT 7998

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

80-Hg-187



34

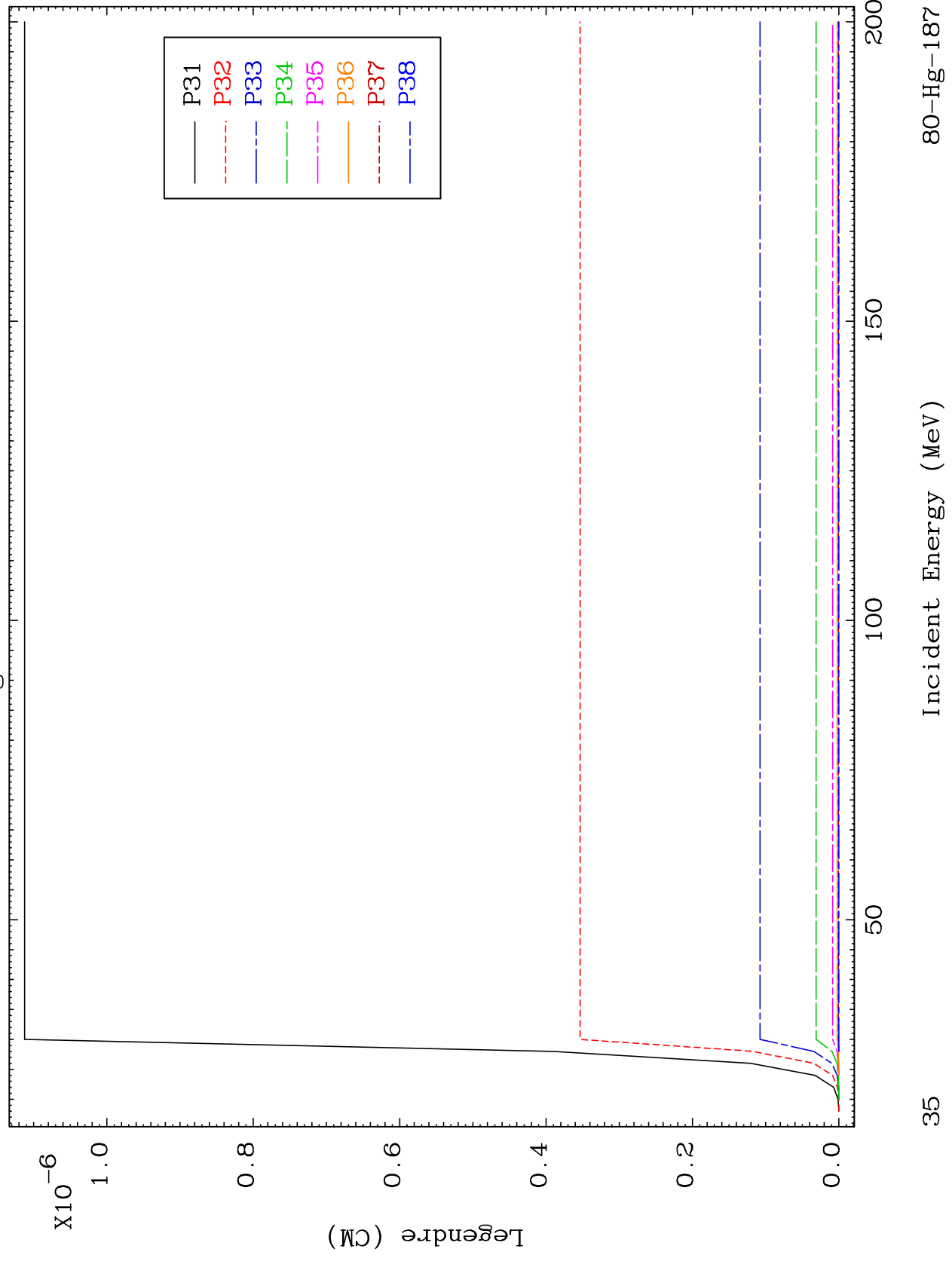
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

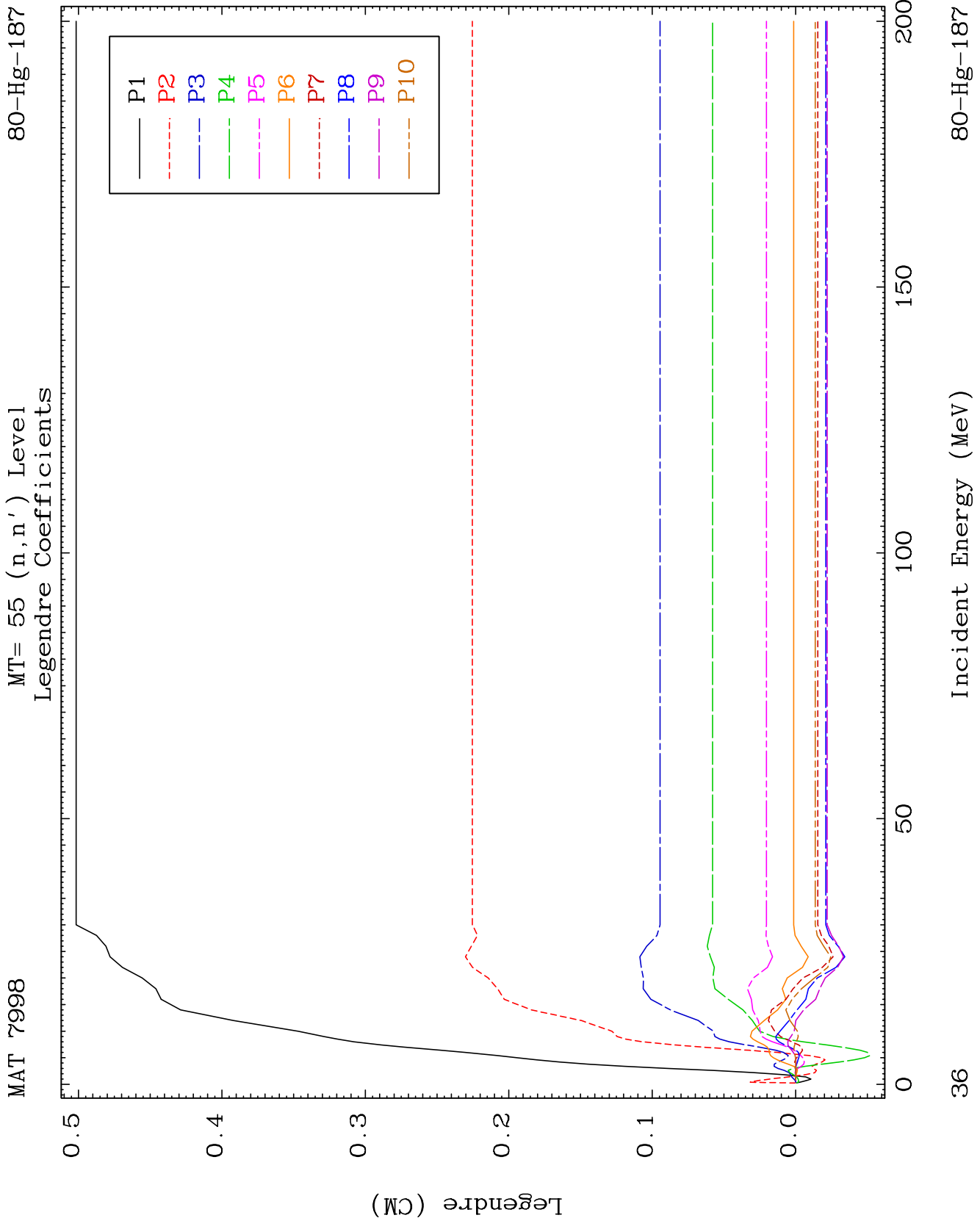
80-Hg-187



80-Hg-187

Incident Energy (MeV)

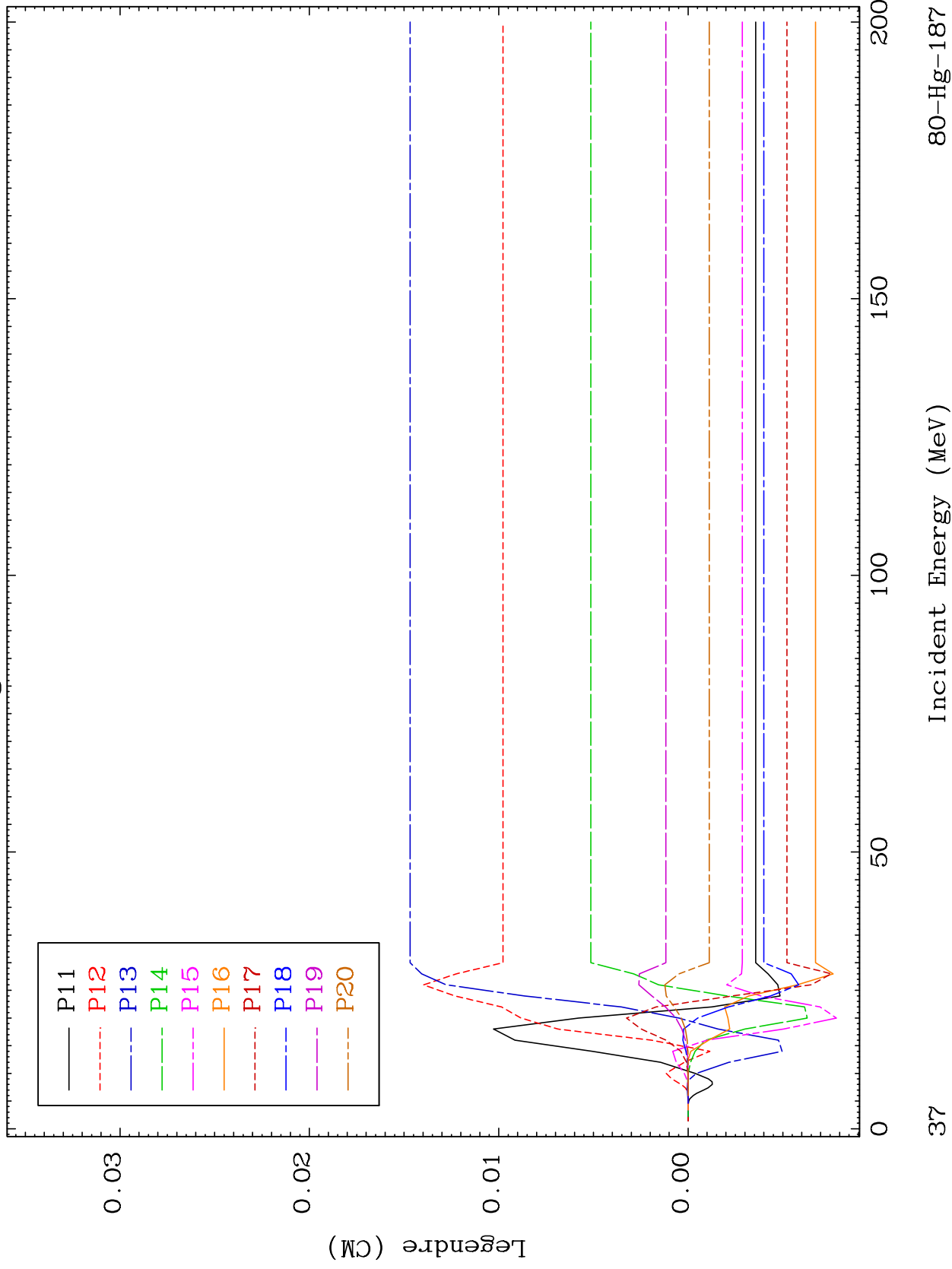
35



MAT 7998

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

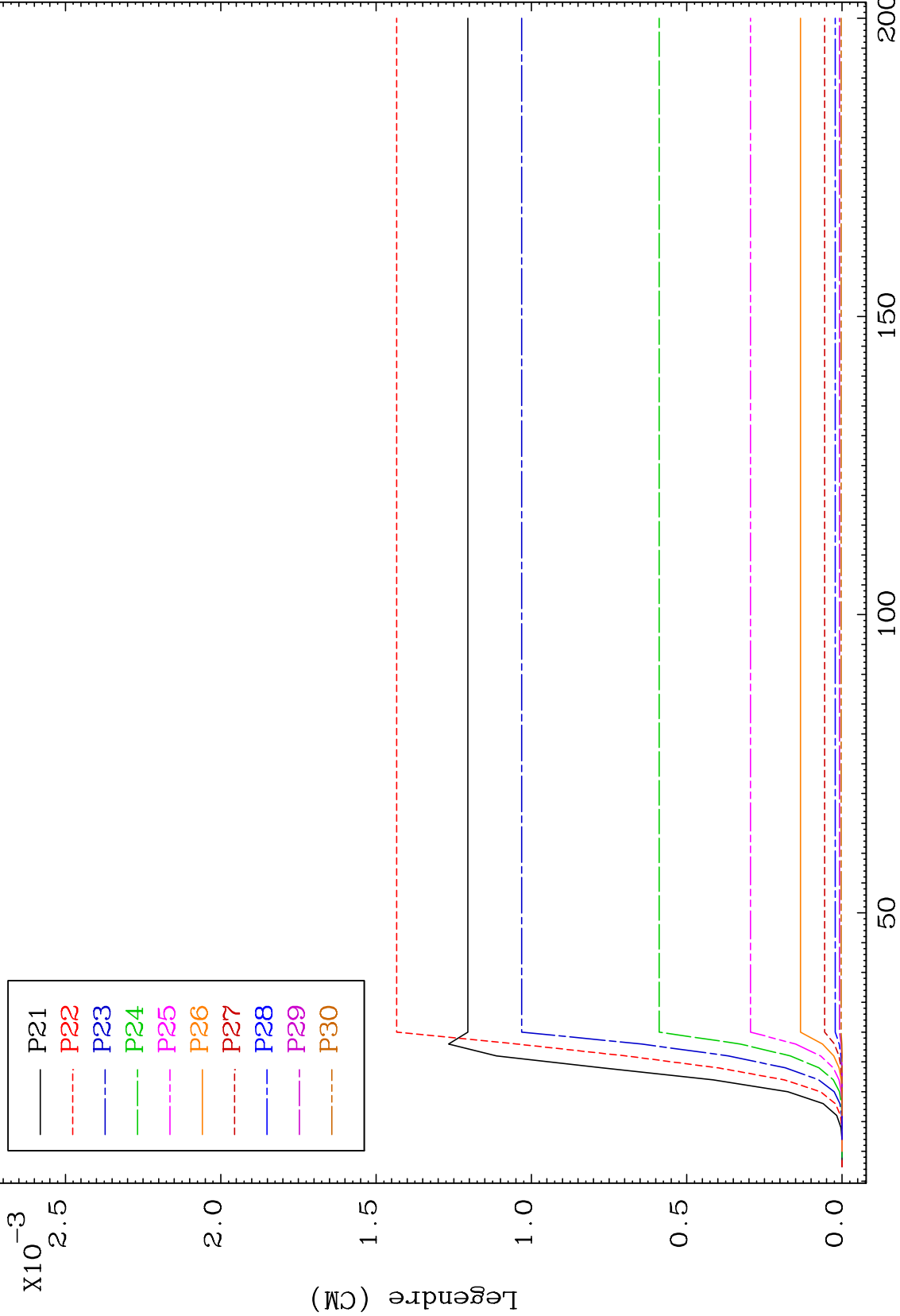
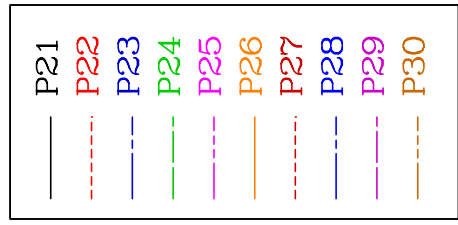
80-Hg-187



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Incident Energy (MeV)

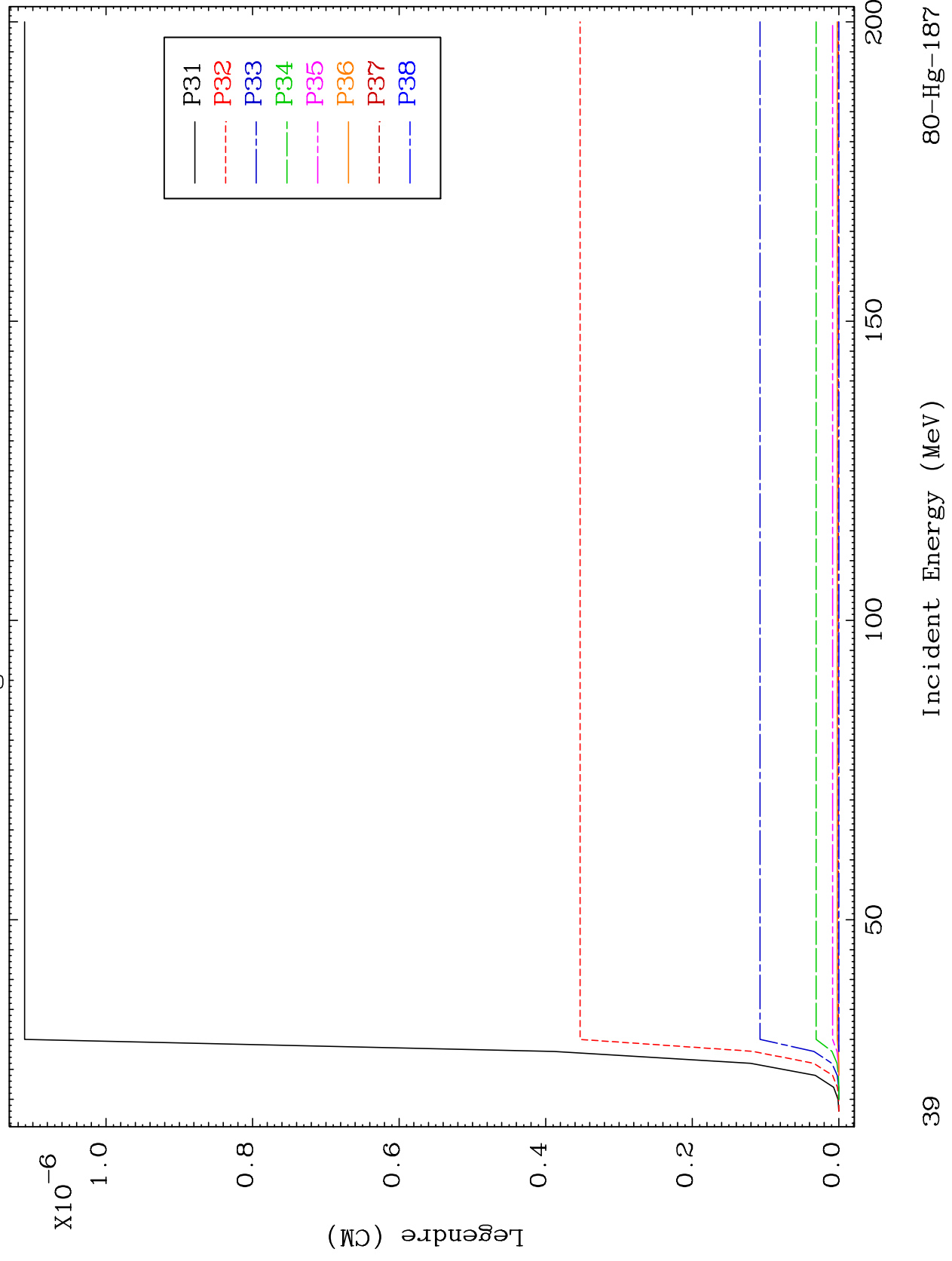
80-Hg-187



MAT 7998

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

80-Hg-187



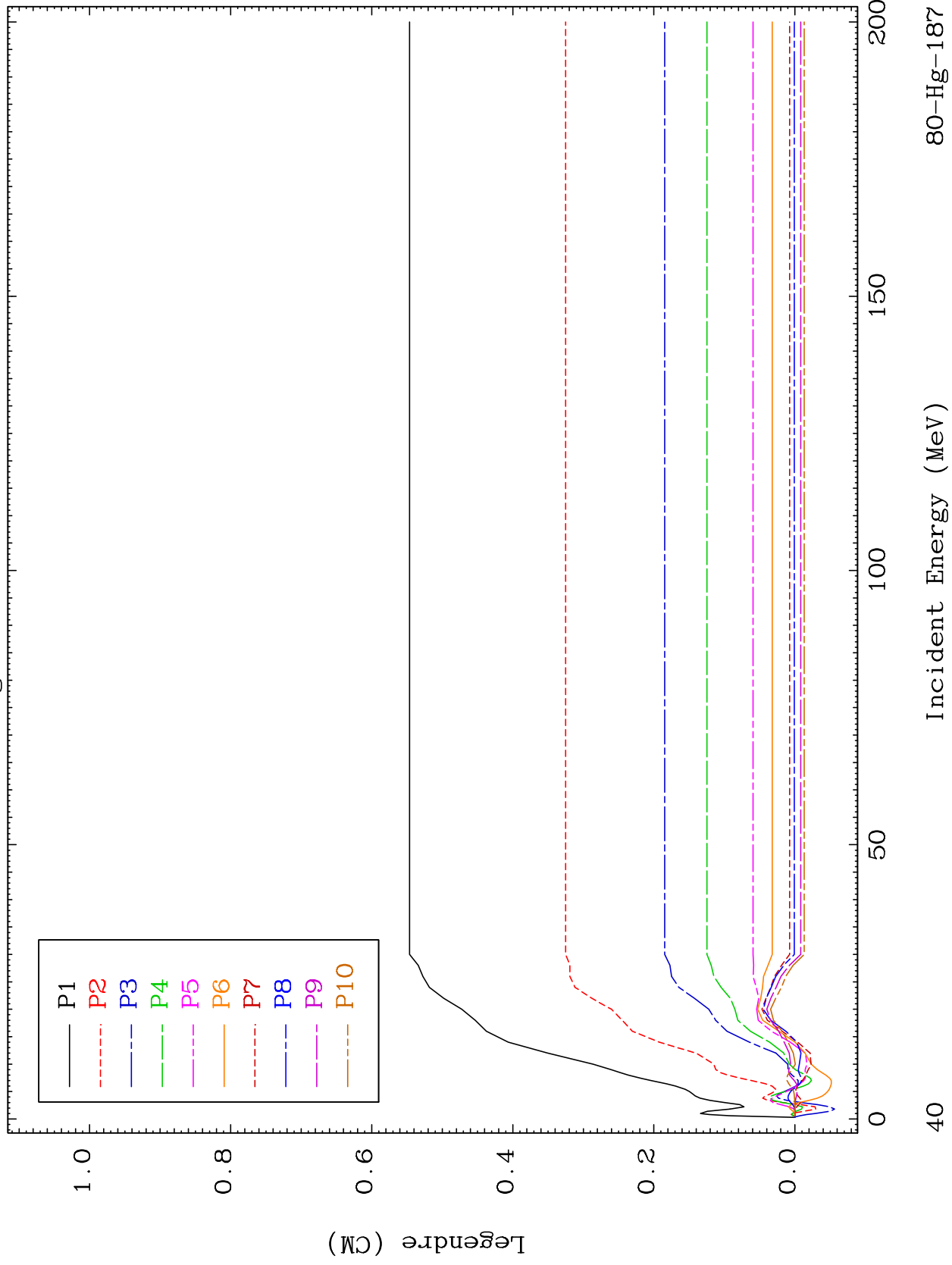
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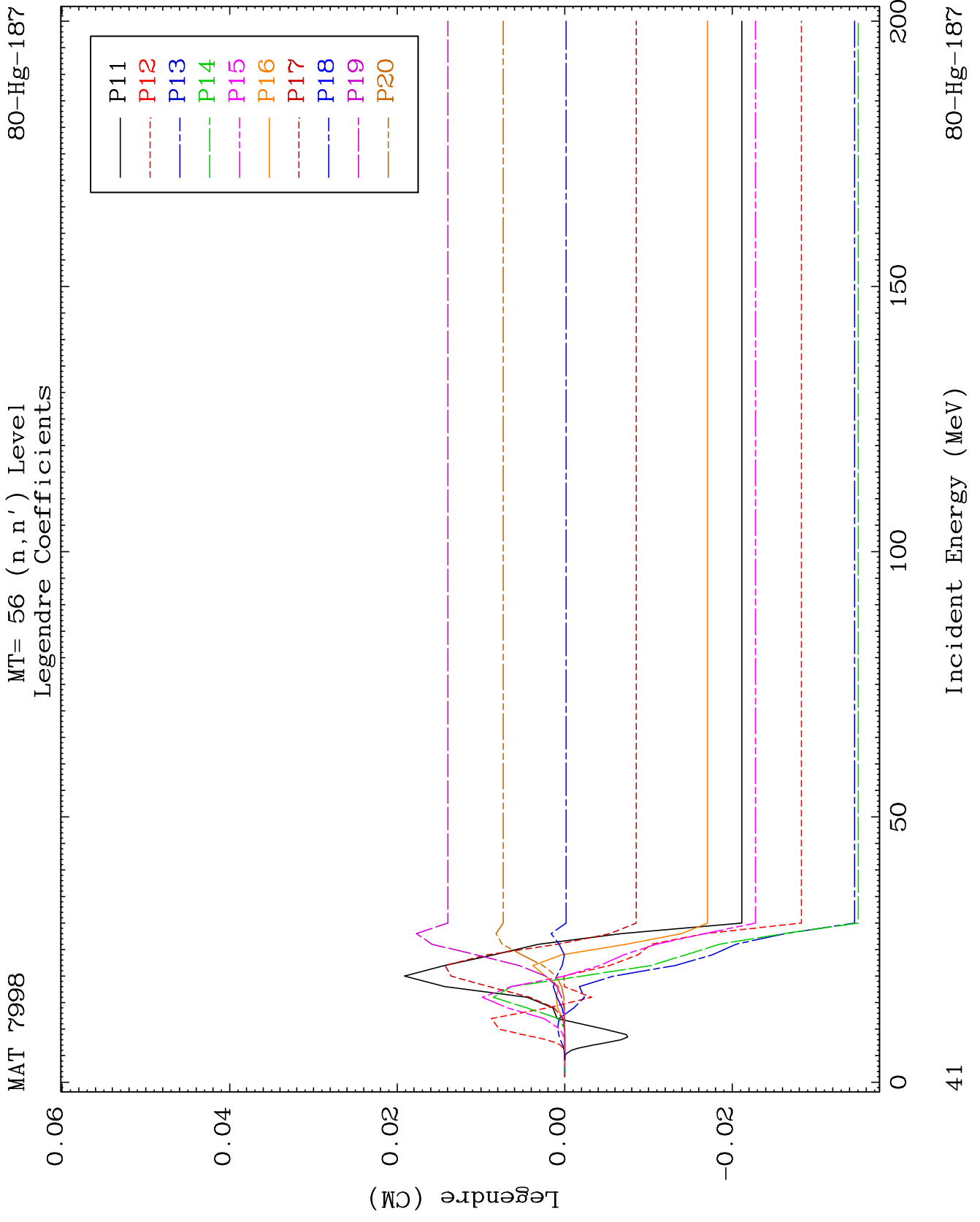
80-Hg-187

MAT 7998

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

80-Hg-187

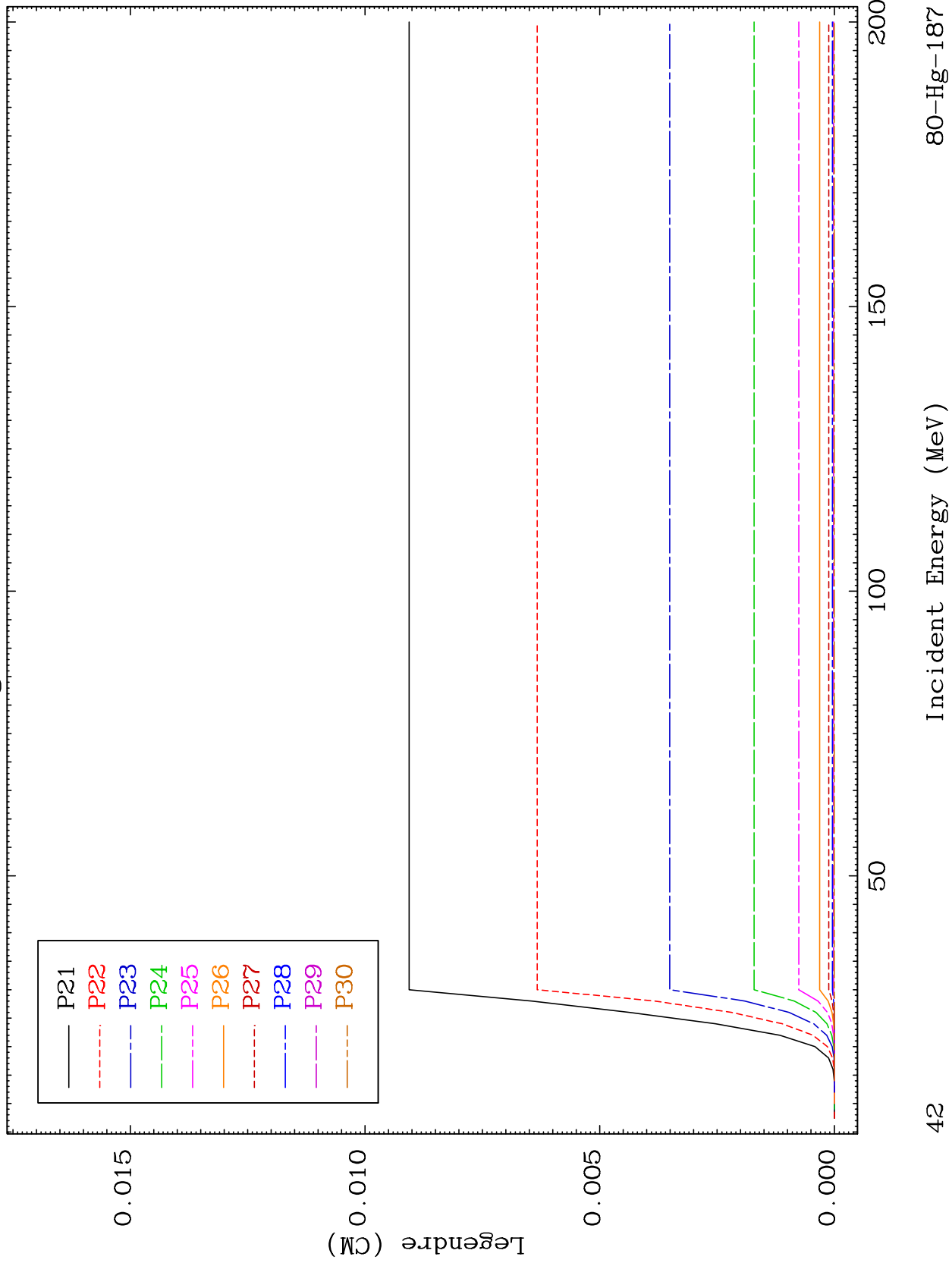




MAT 7998

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

80-Hg-187



42

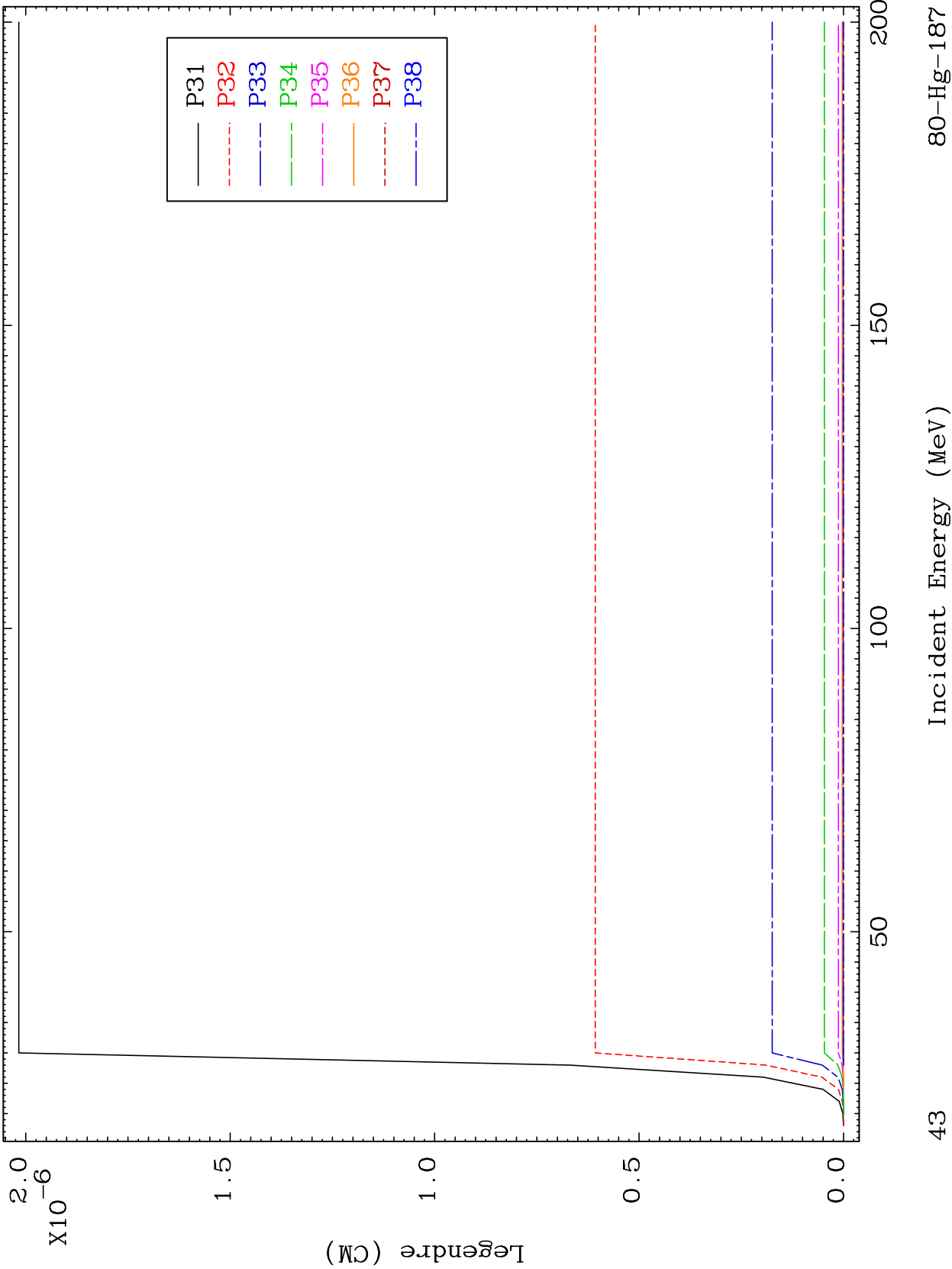
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



43

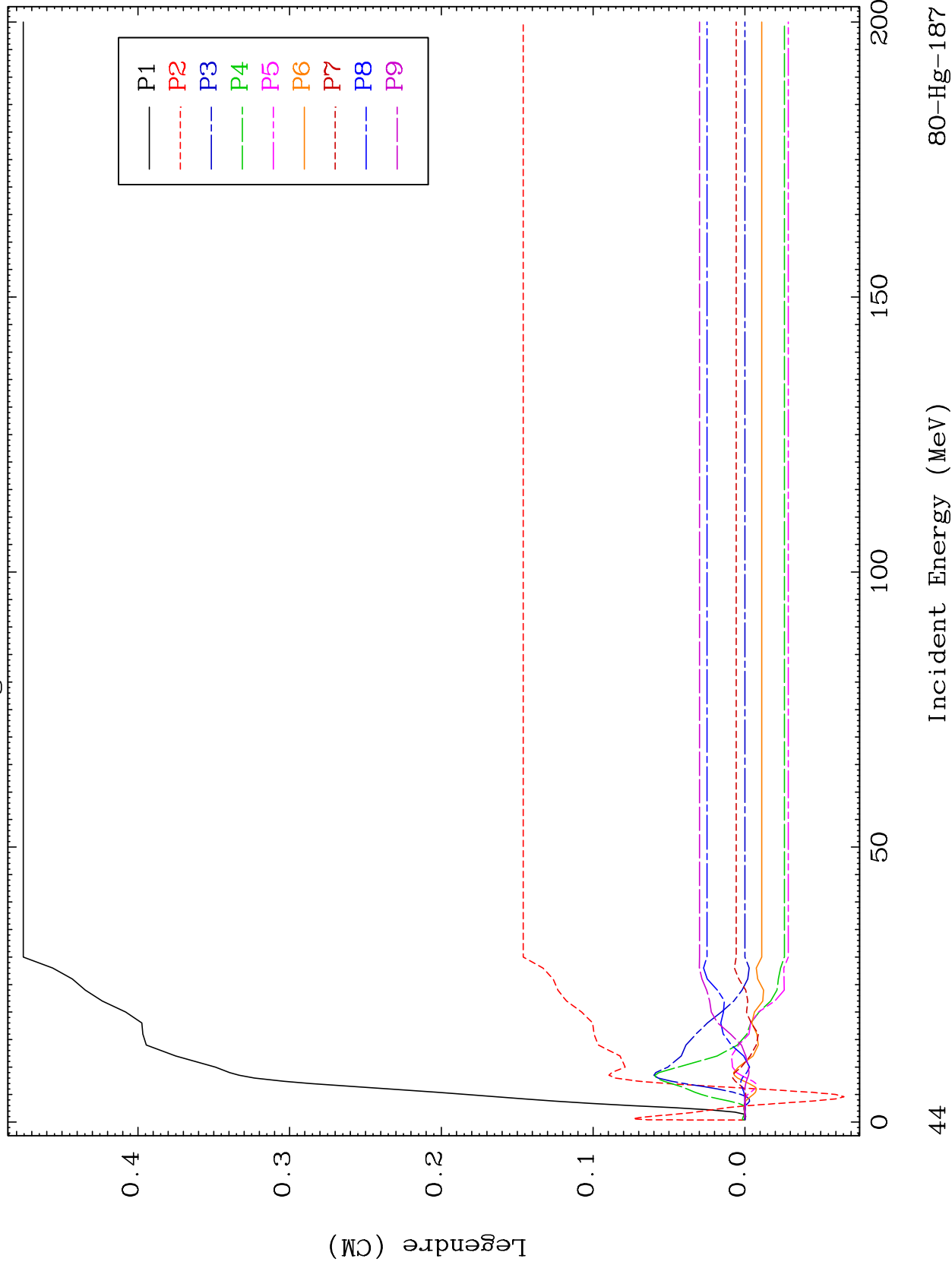
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



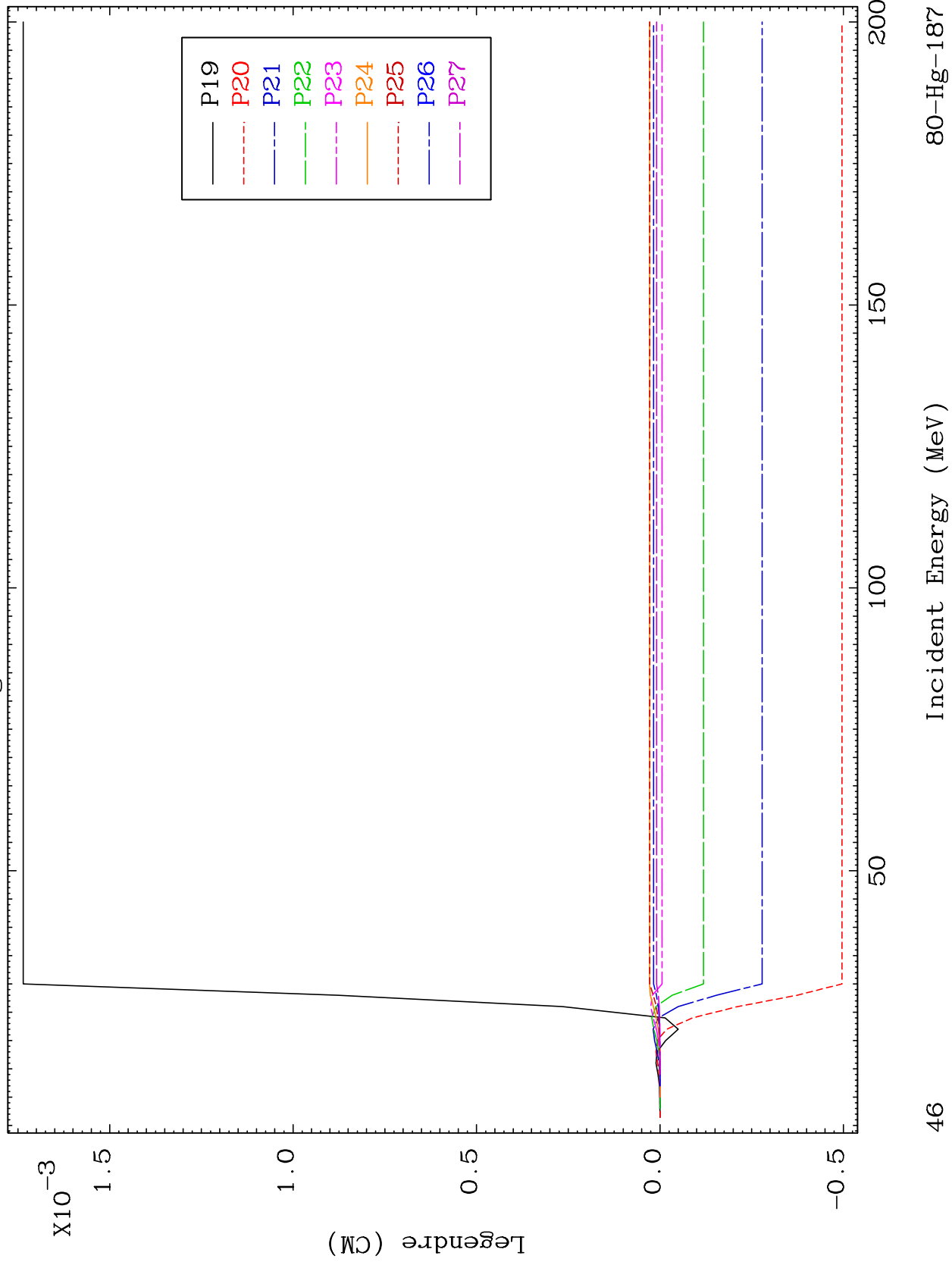
44

80-Hg-187

MAT 7998

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

80-Hg-187



46

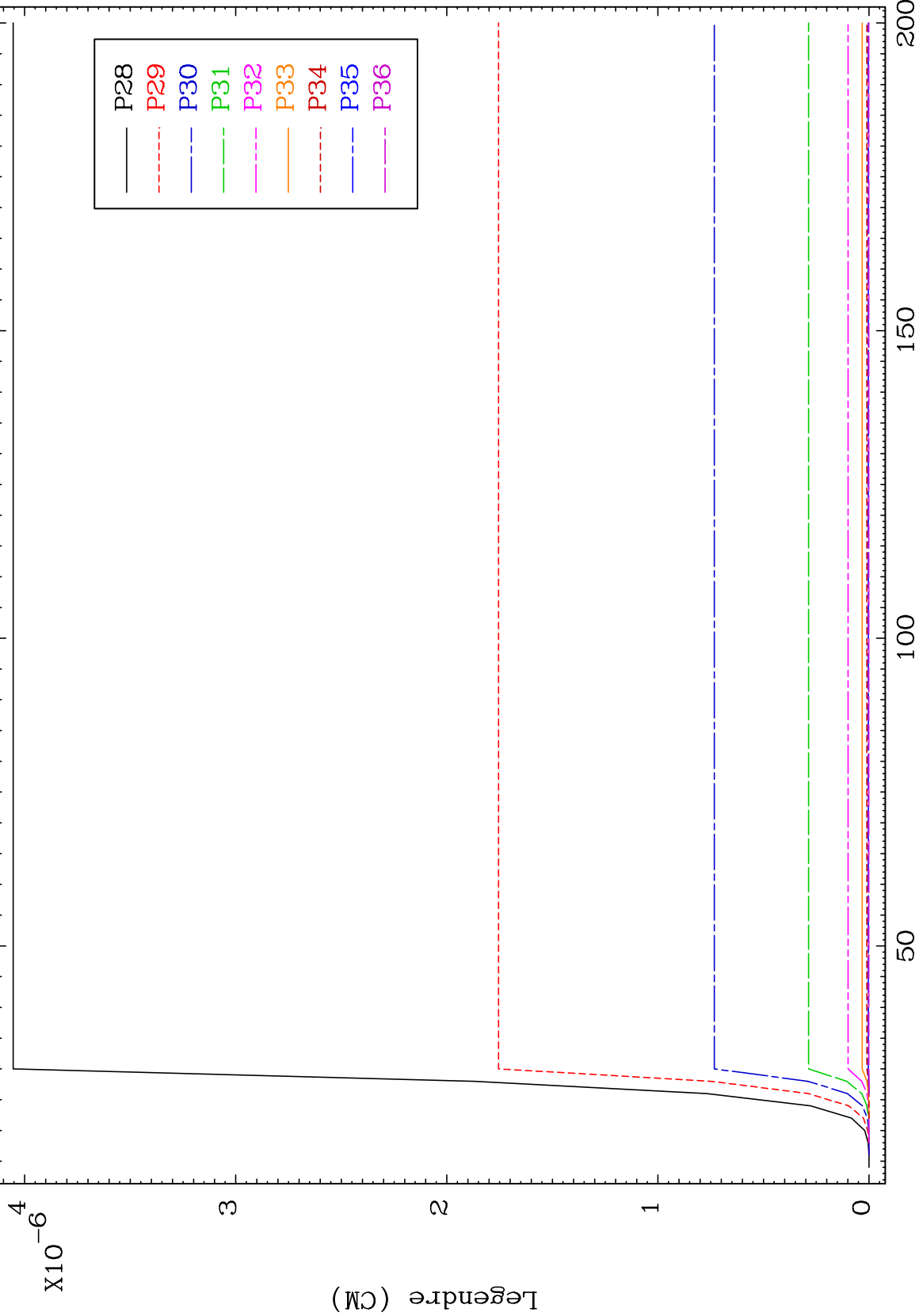
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



47

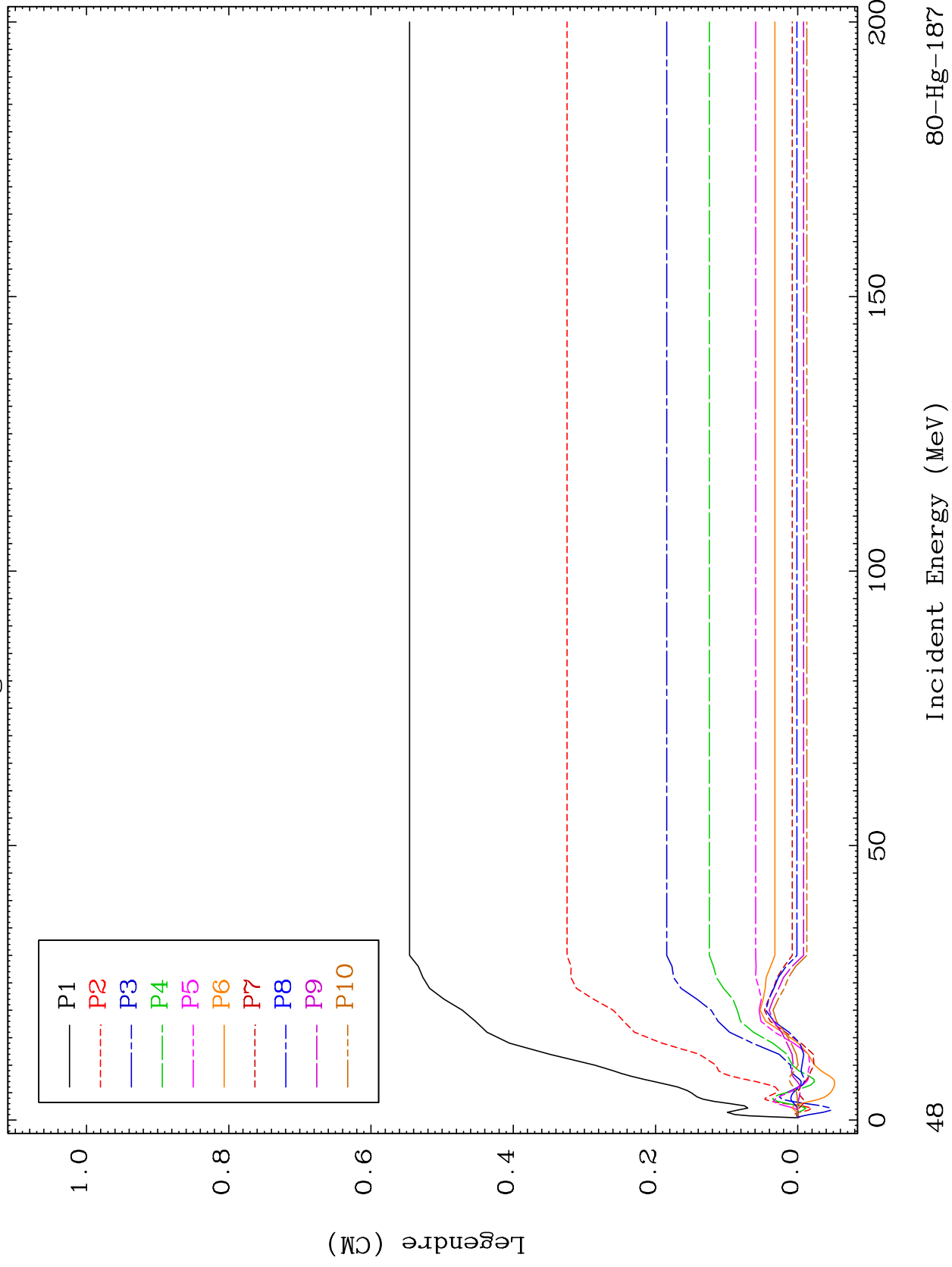
Incident Energy (MeV)

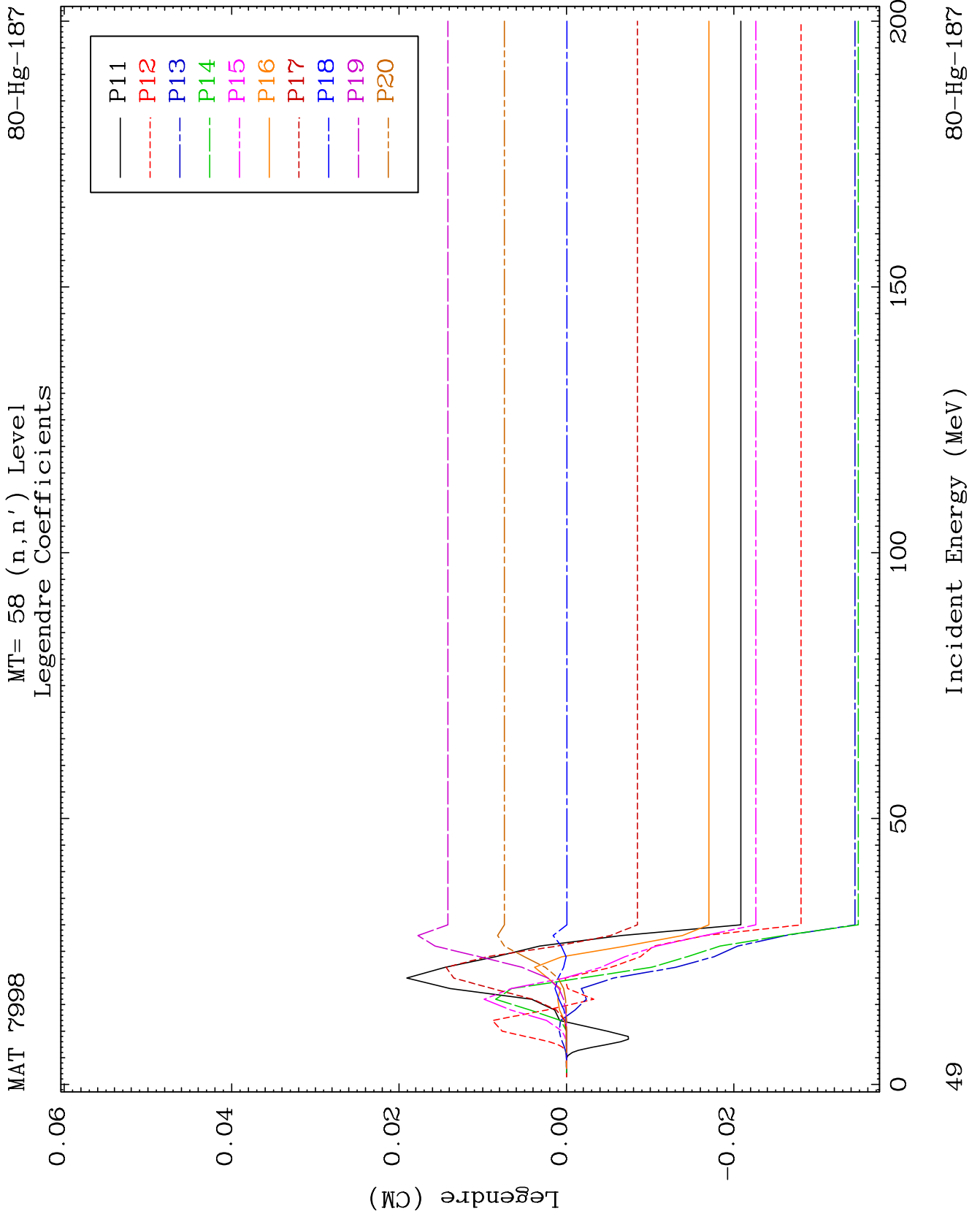
80-Hg-187

MAT 7998

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

80-Hg-187

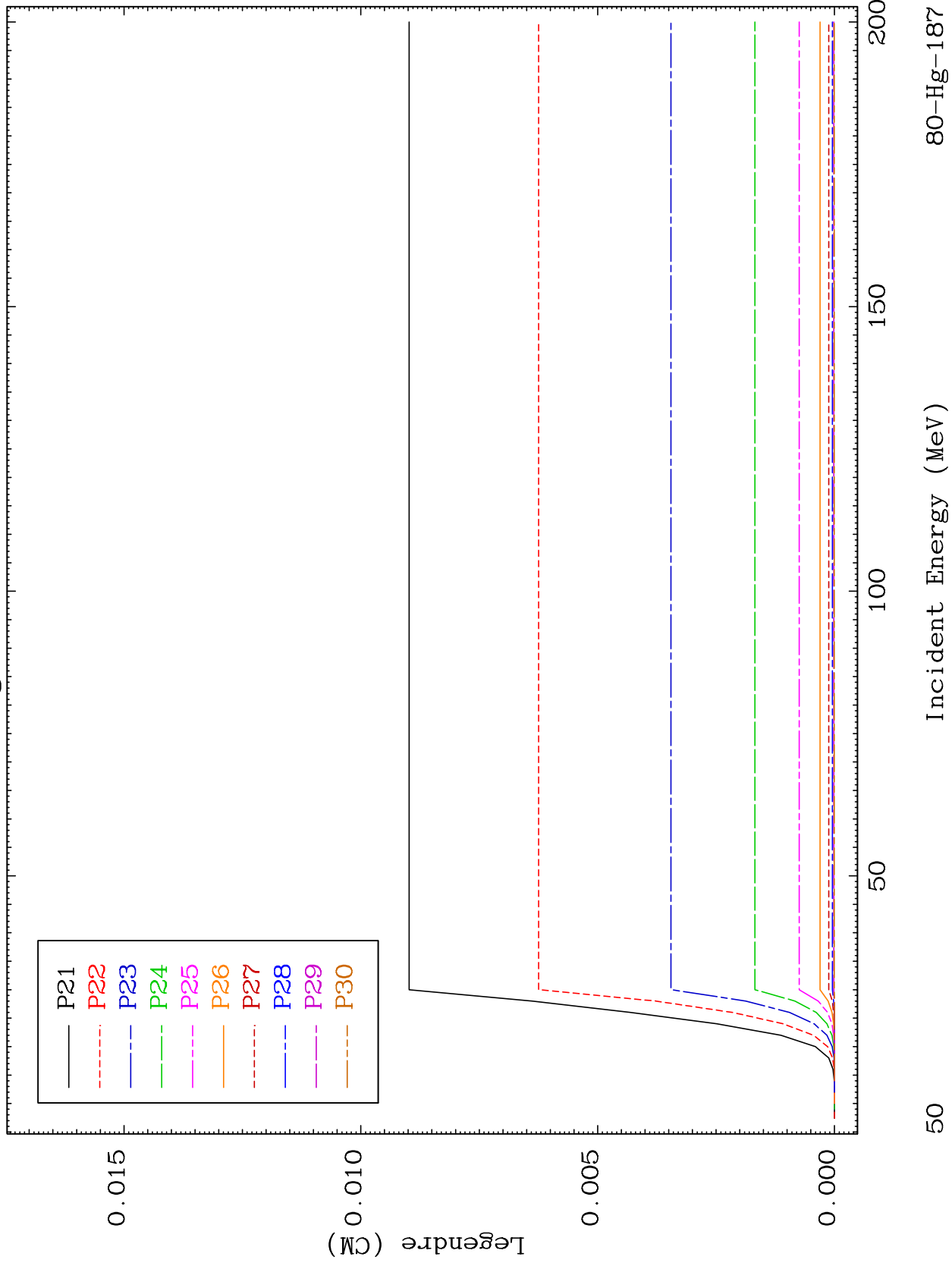




MAT 7998

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

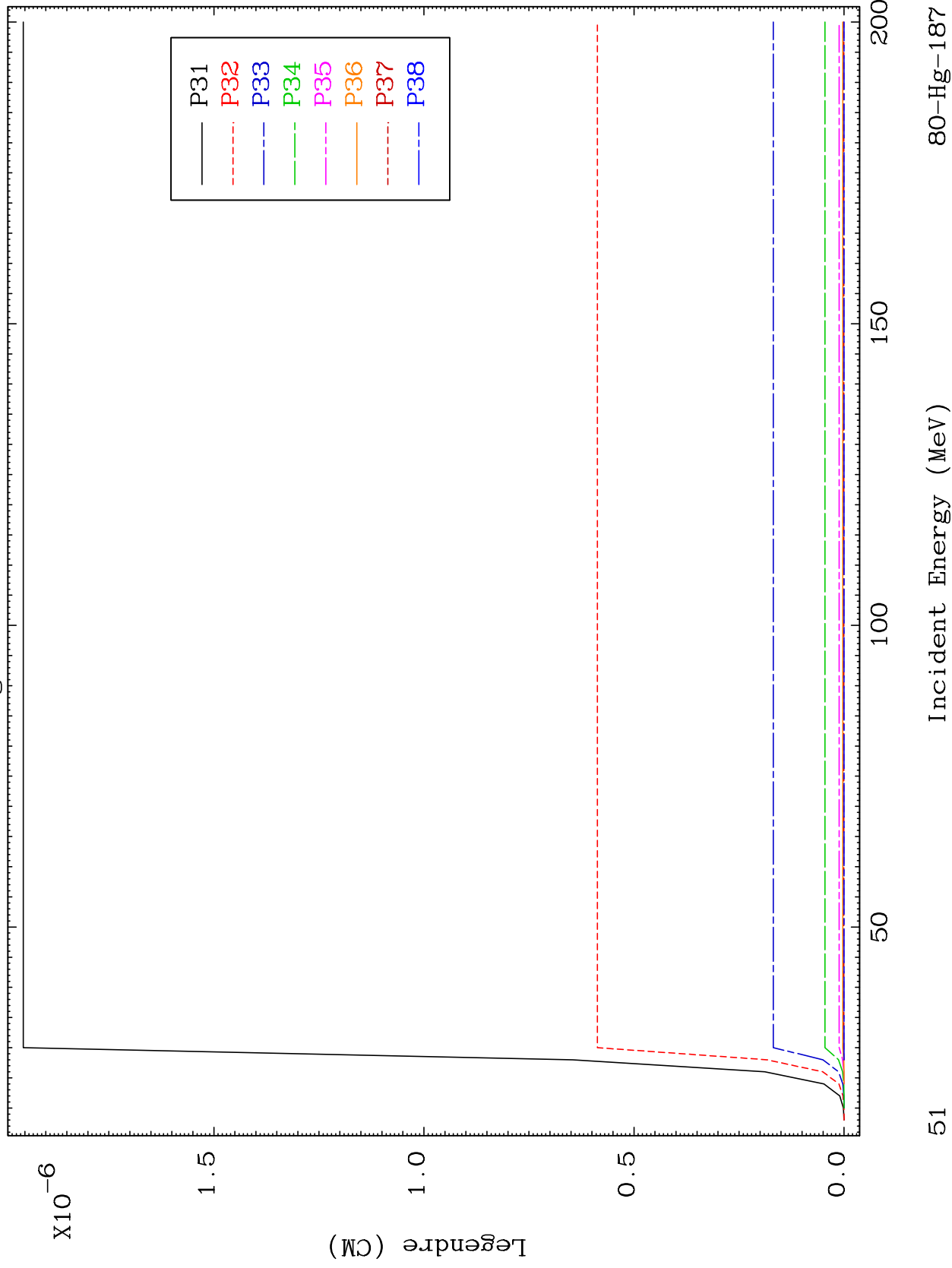
80-Hg-187



MAT 7998

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

80-Hg-187



51

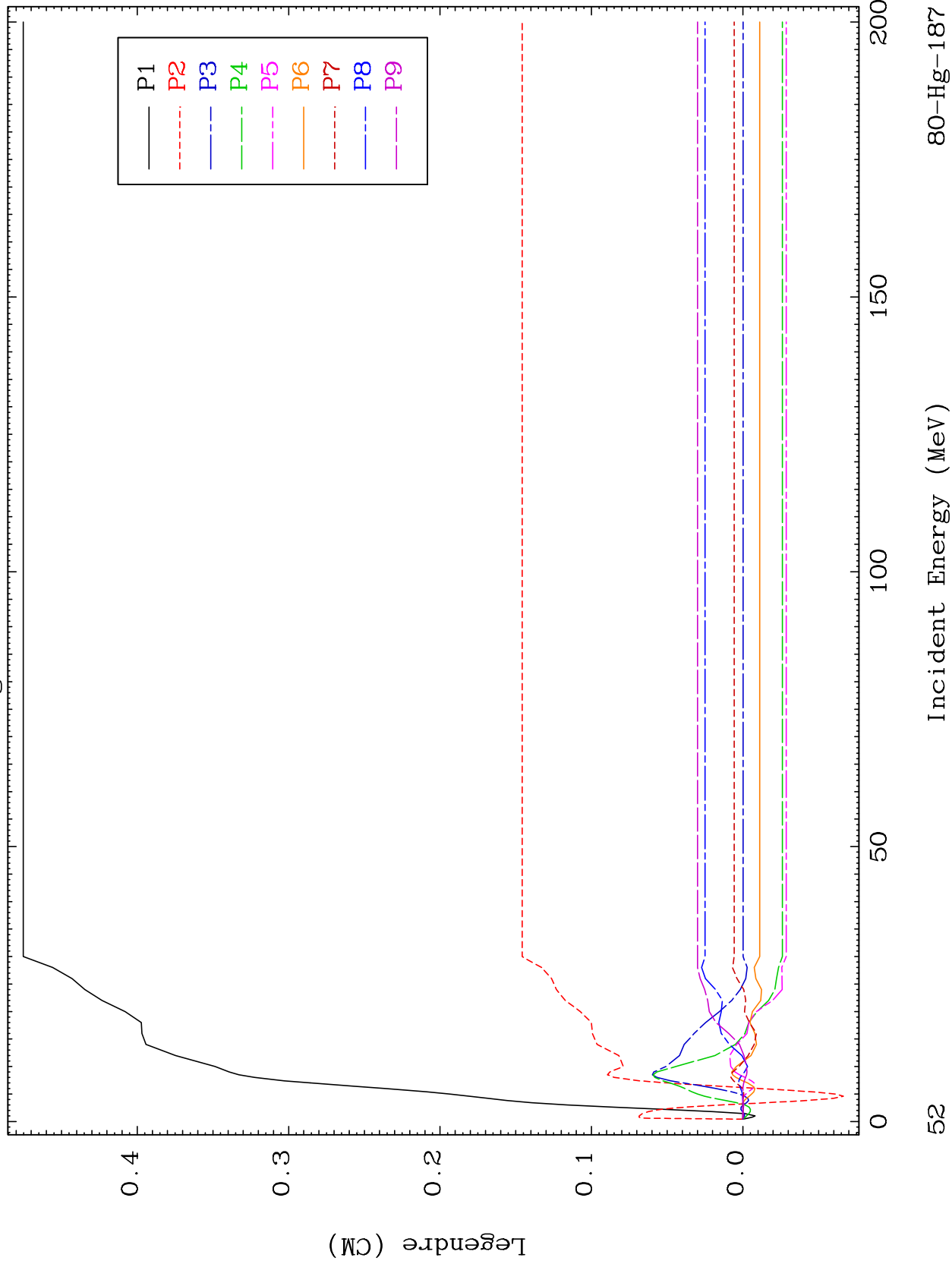
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

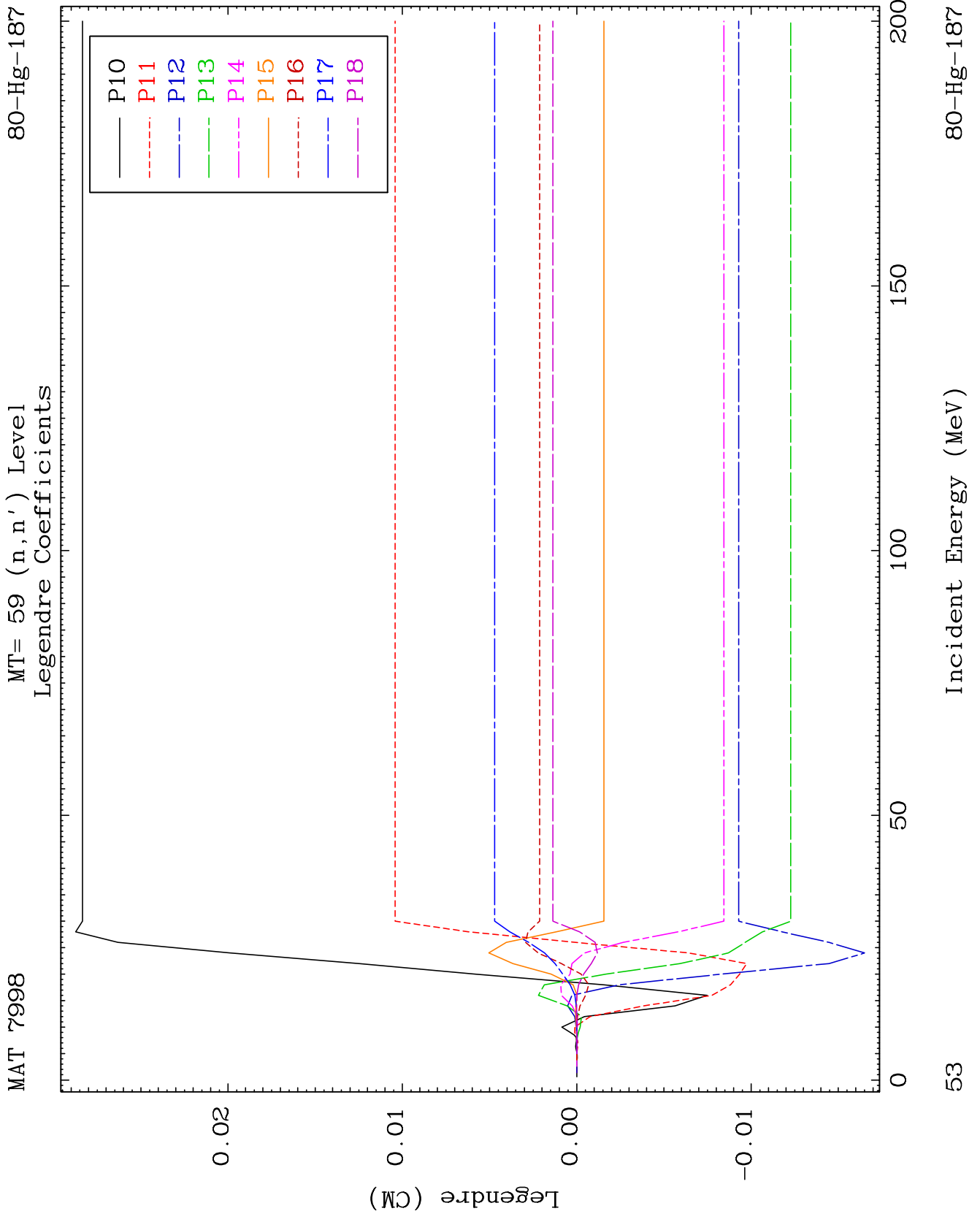
80-Hg-187



80-Hg-187

Incident Energy (MeV)

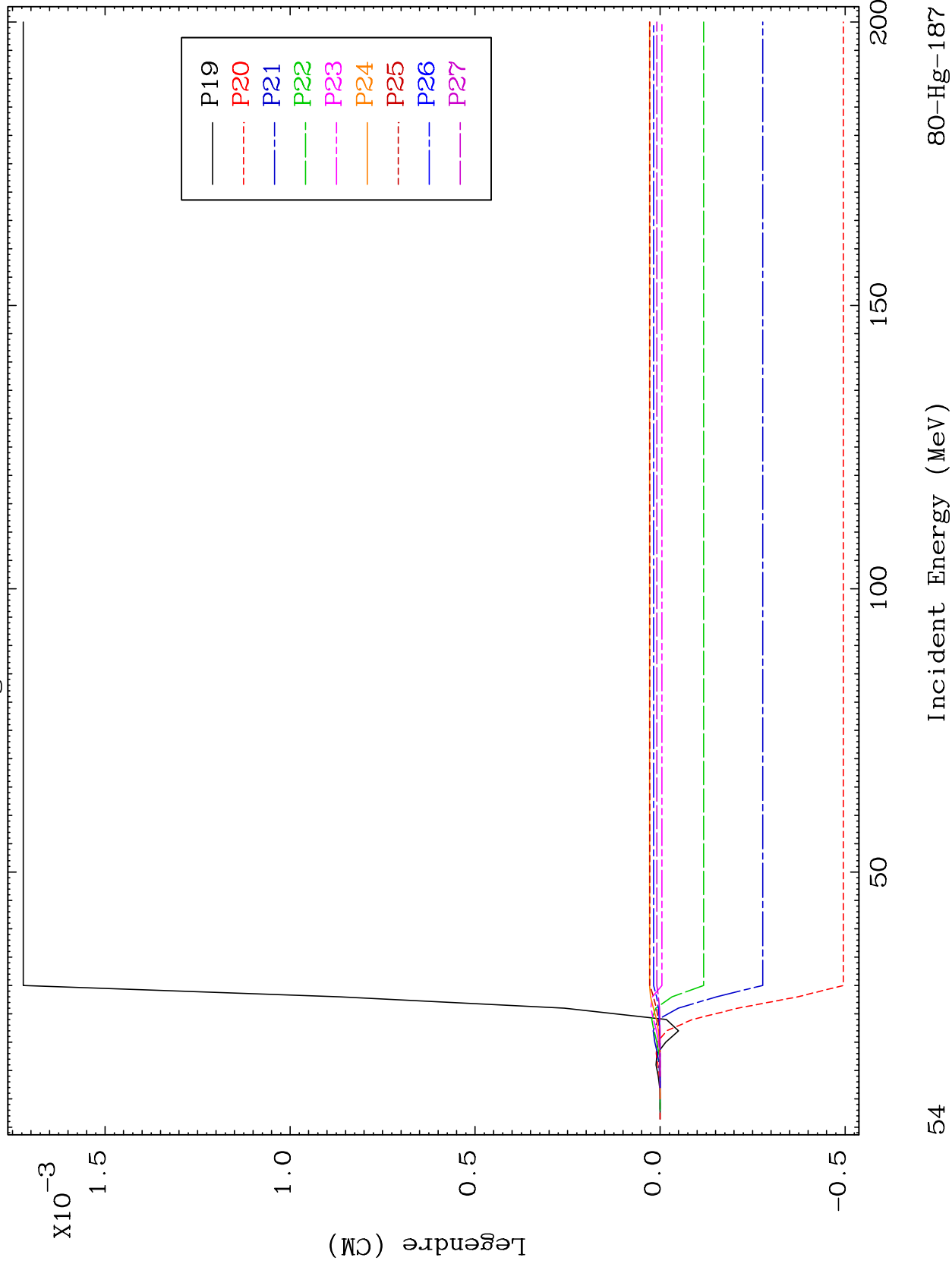
52



MAT 7998

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

80-Hg-187



54

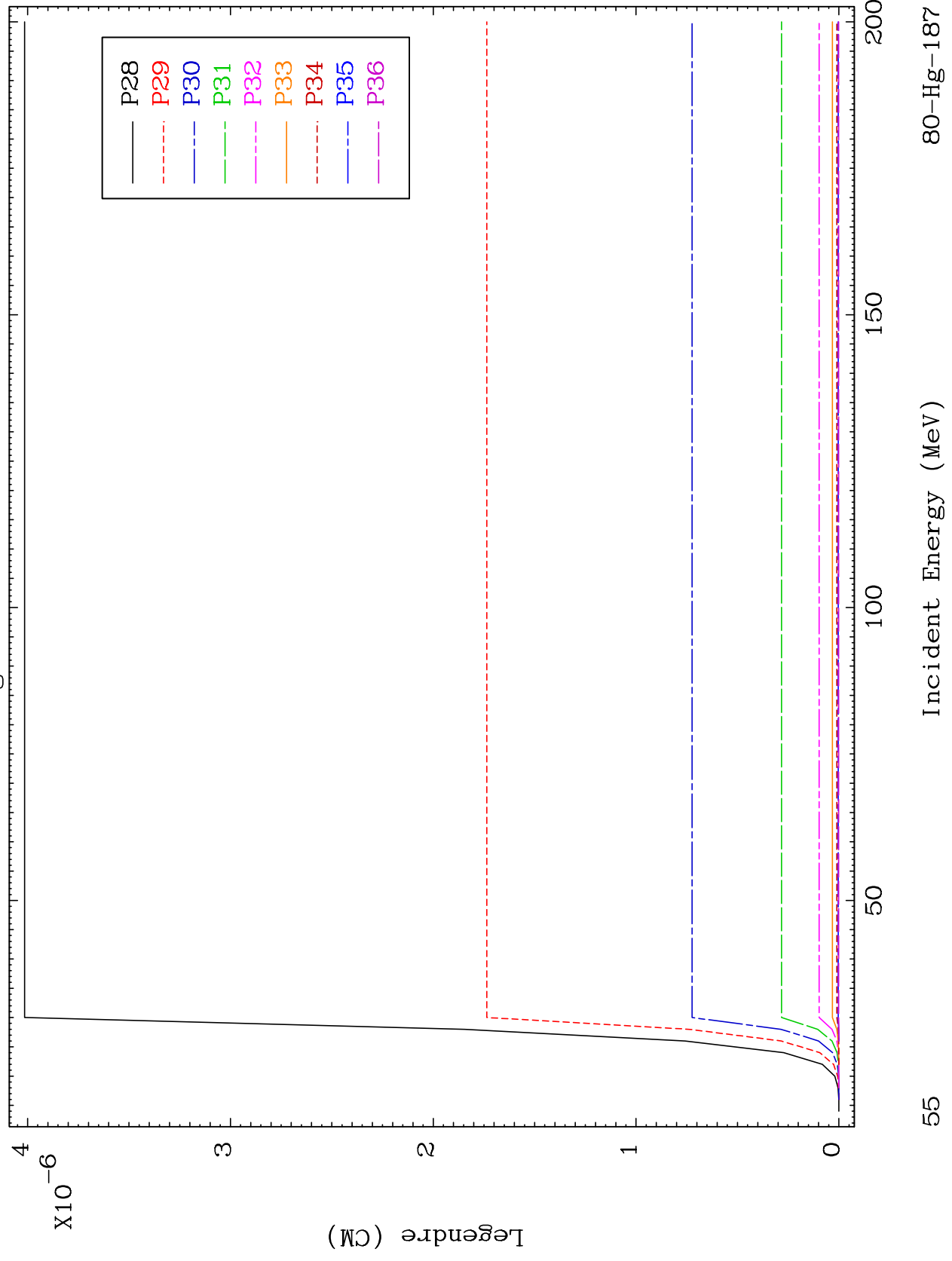
Incident Energy (MeV)

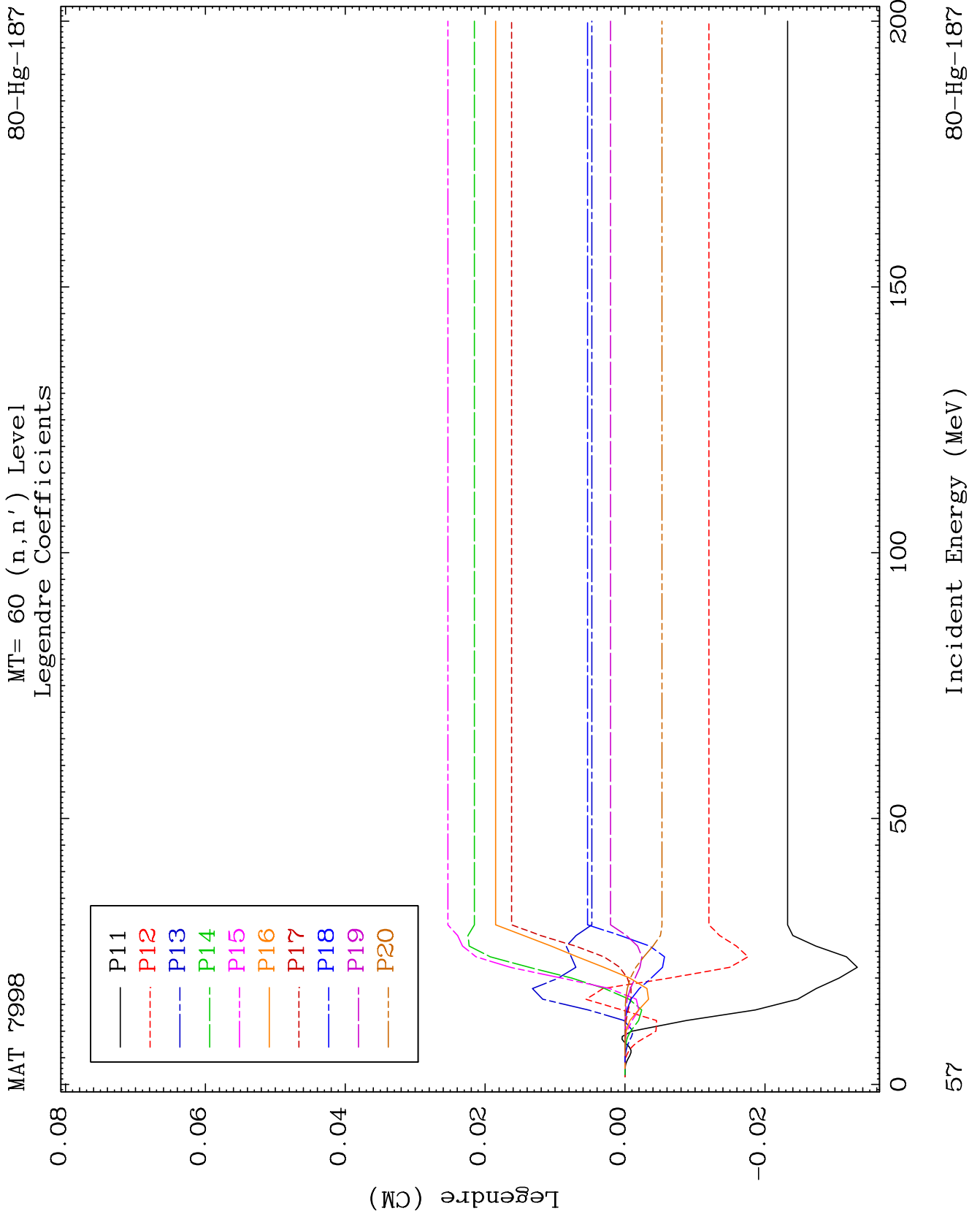
80-Hg-187

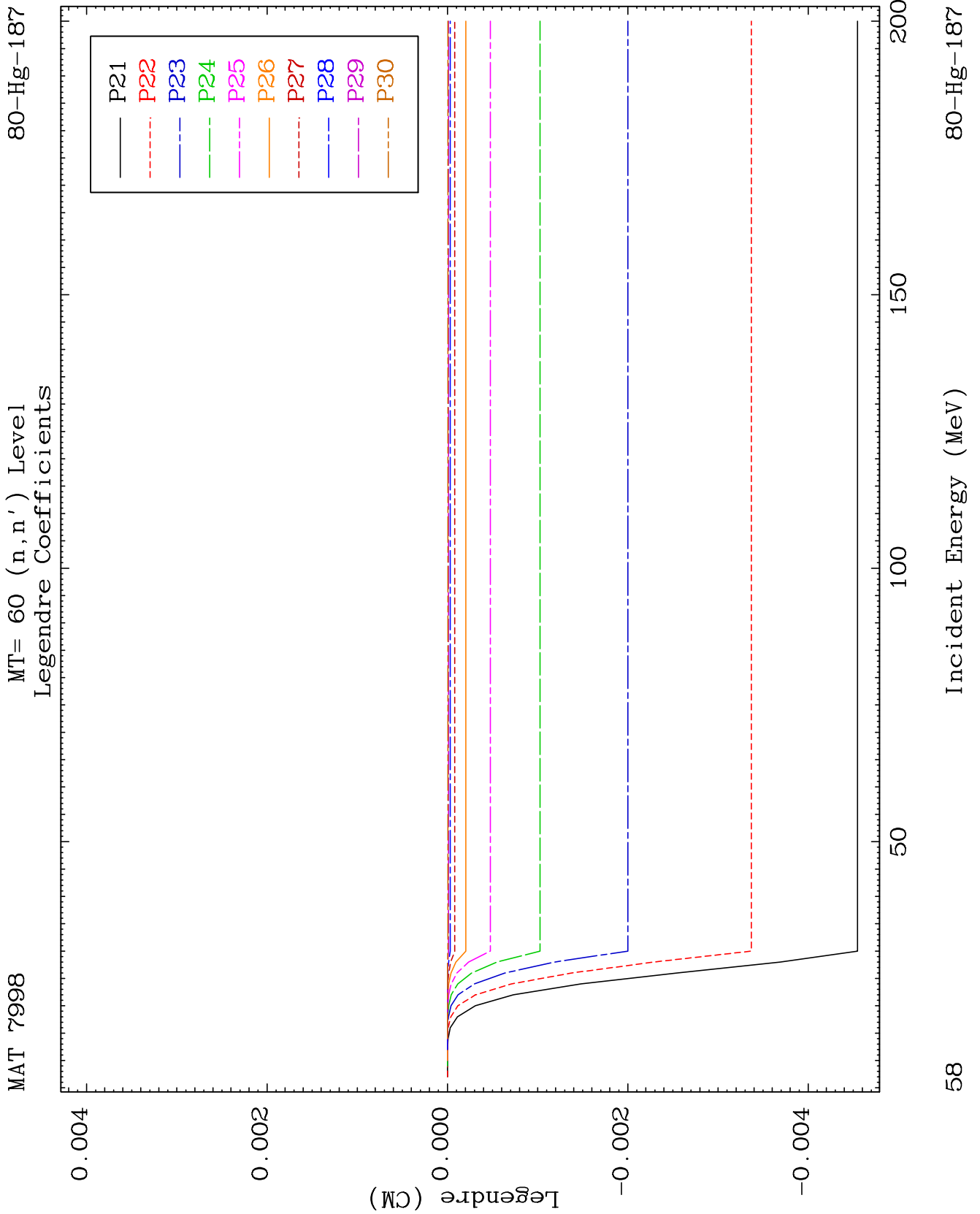
MAT 7998

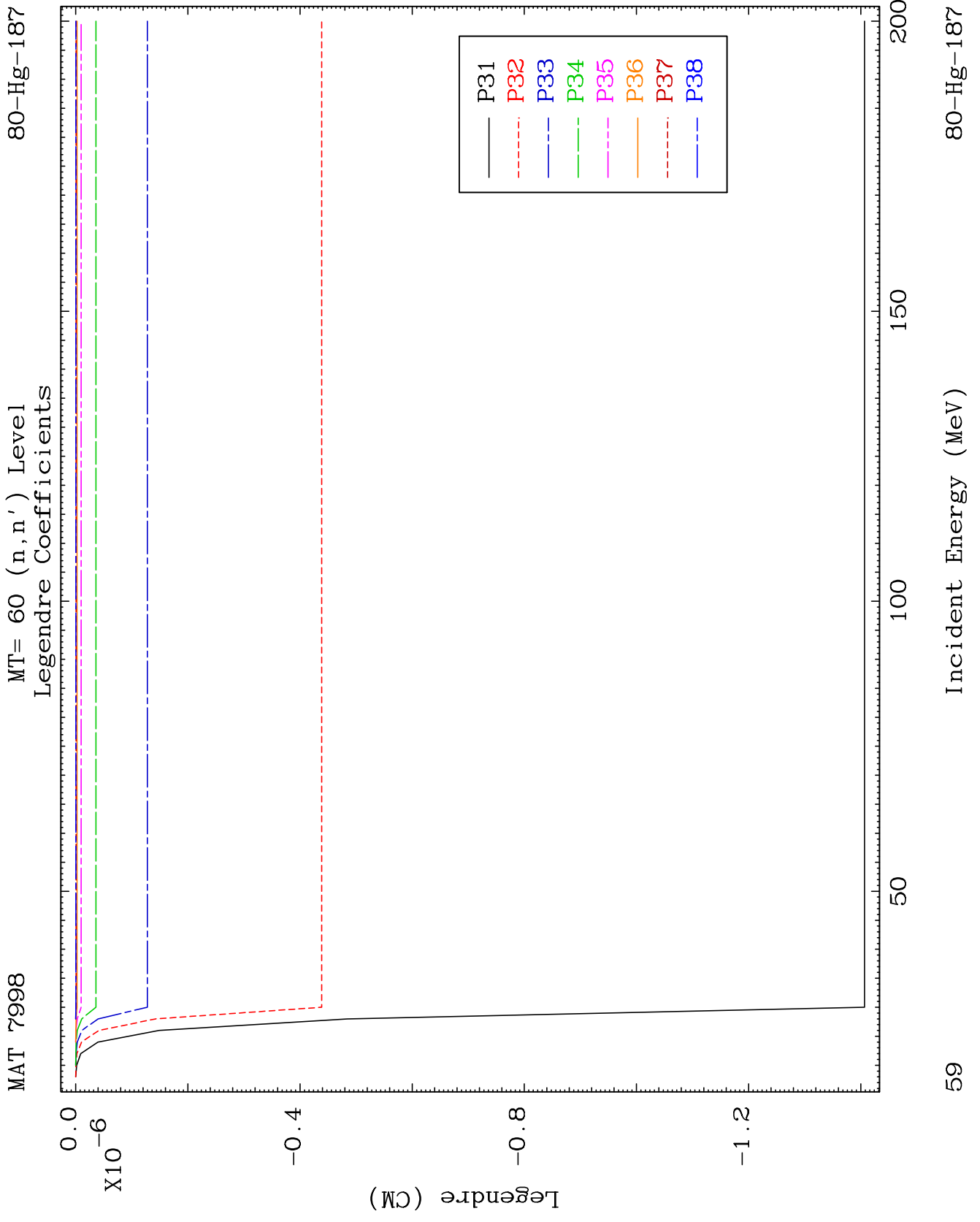
MT= 59 (n,n') Level
Legendre Coefficients

80-Hg-187





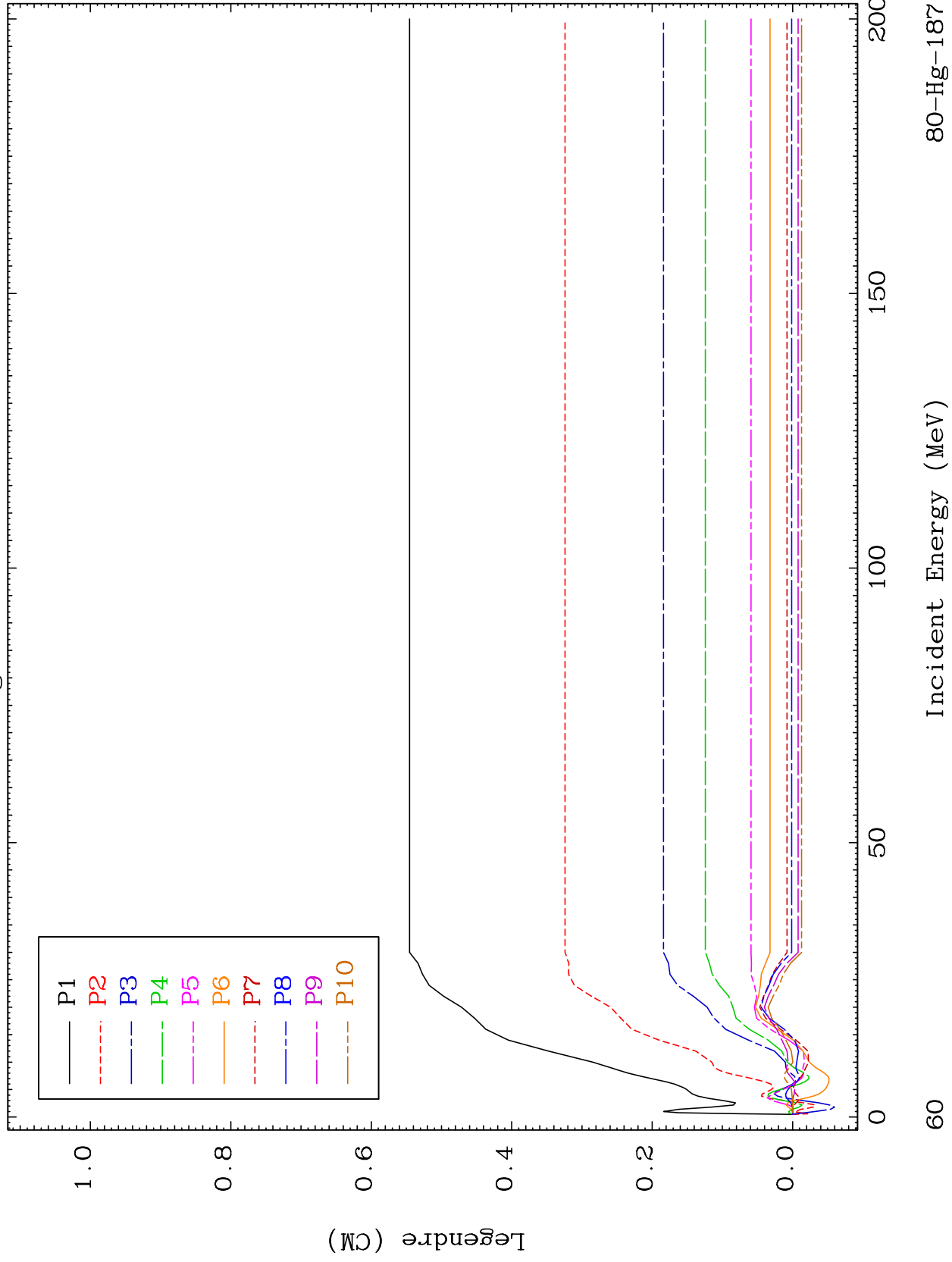


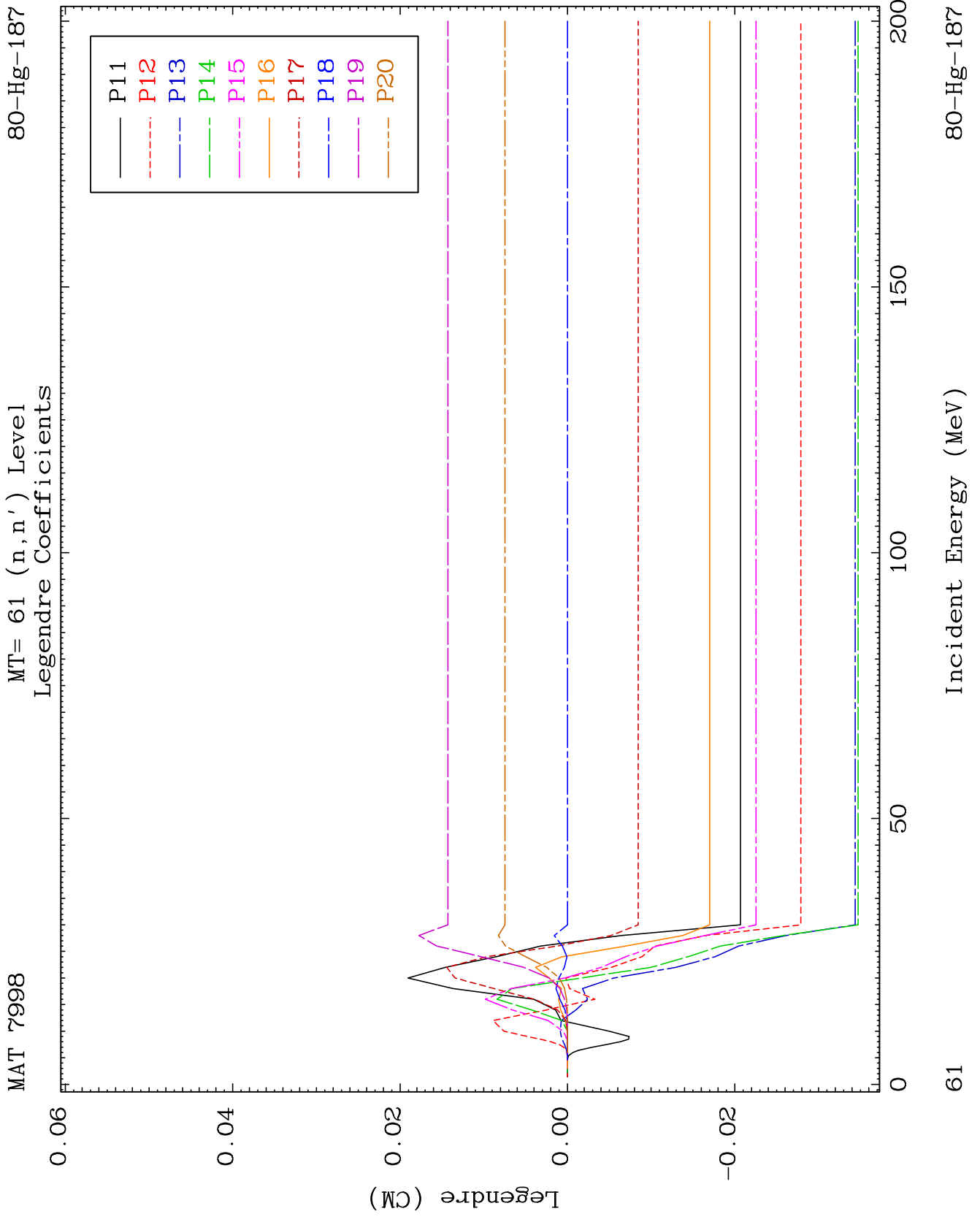


MAT 7998

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

80-Hg-187

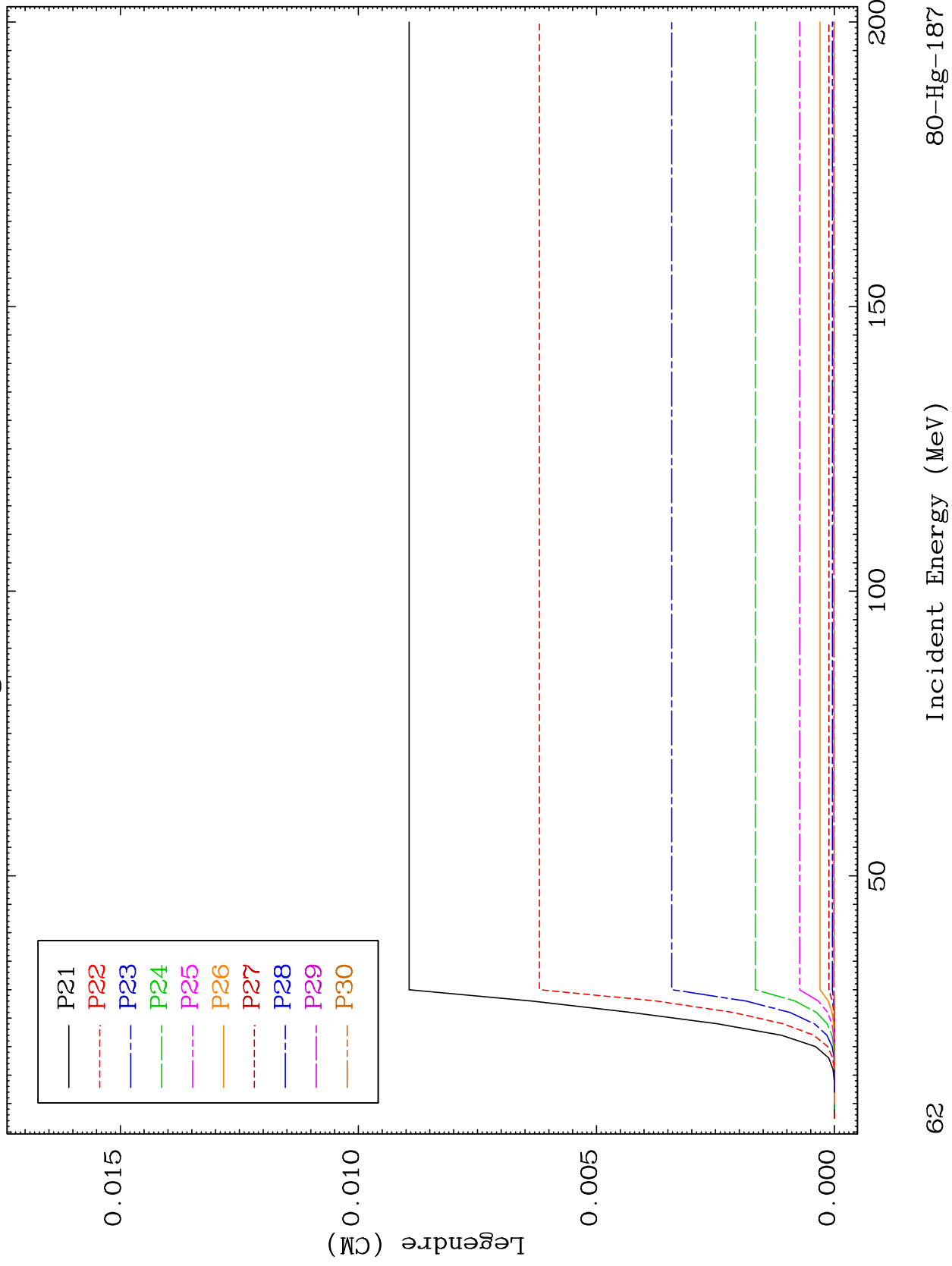




MAT 7998

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

80-Hg-187



62

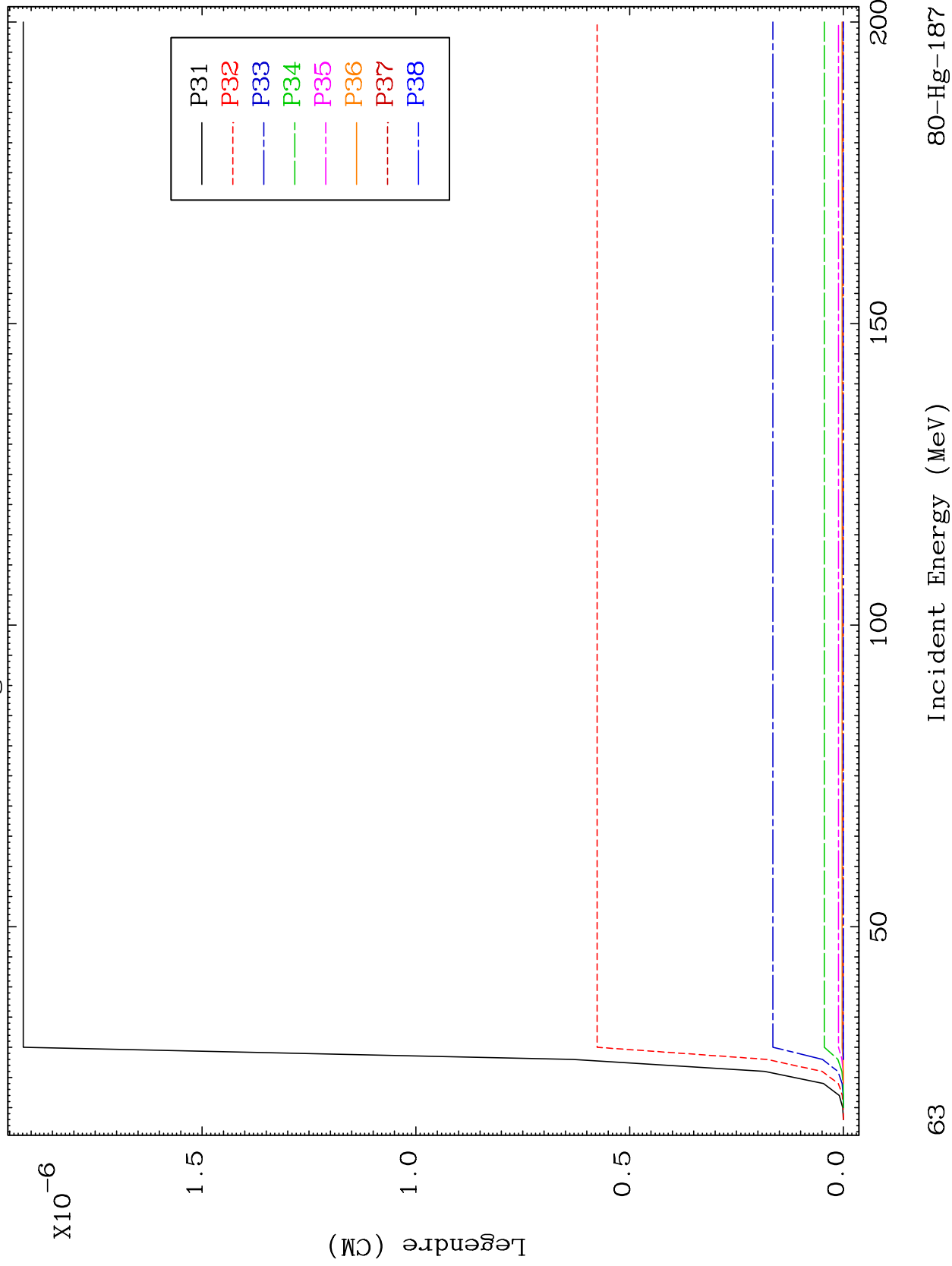
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



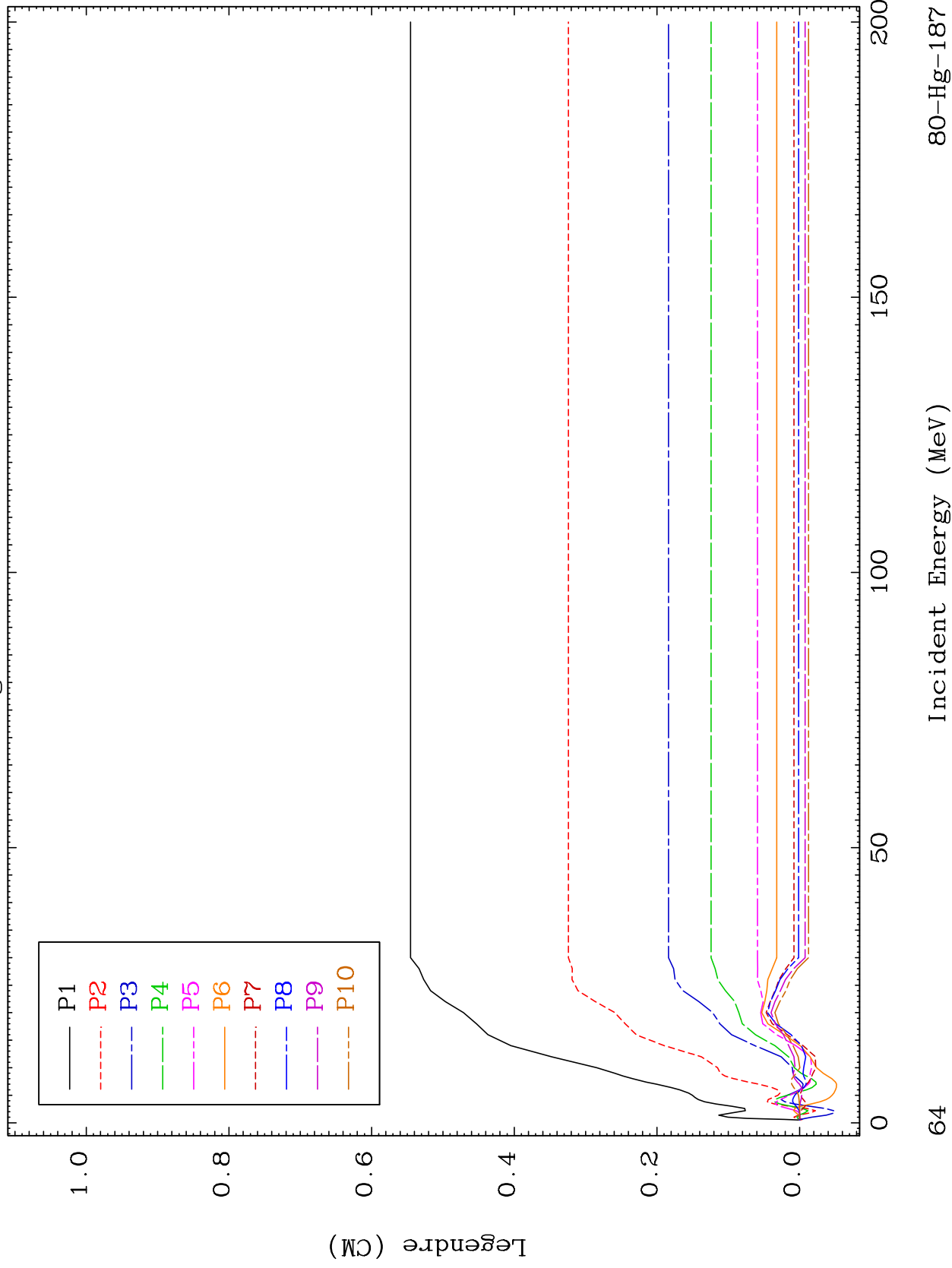
63

80-Hg-187

MAT 7998

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

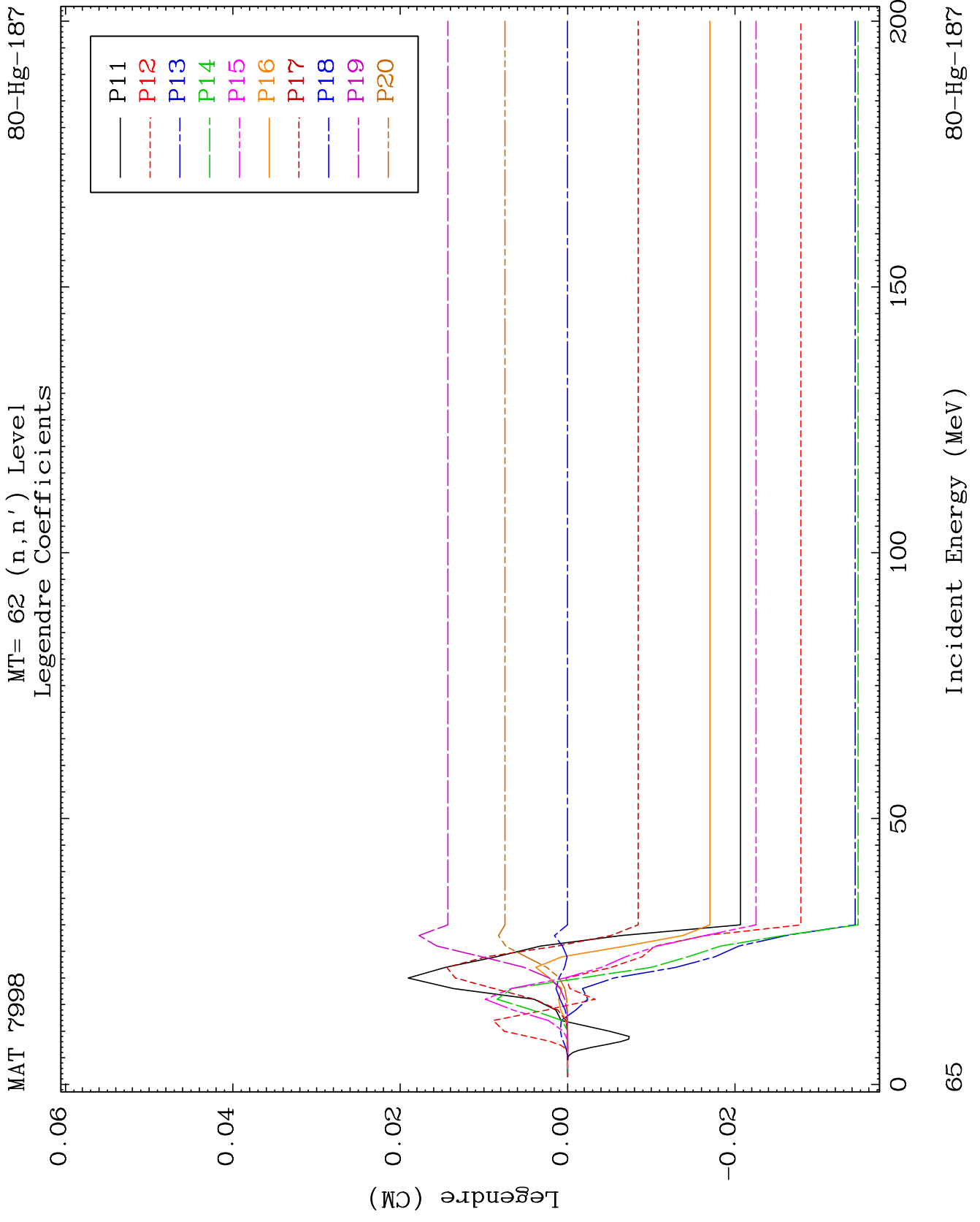
80-Hg-187



64

Incident Energy (MeV)

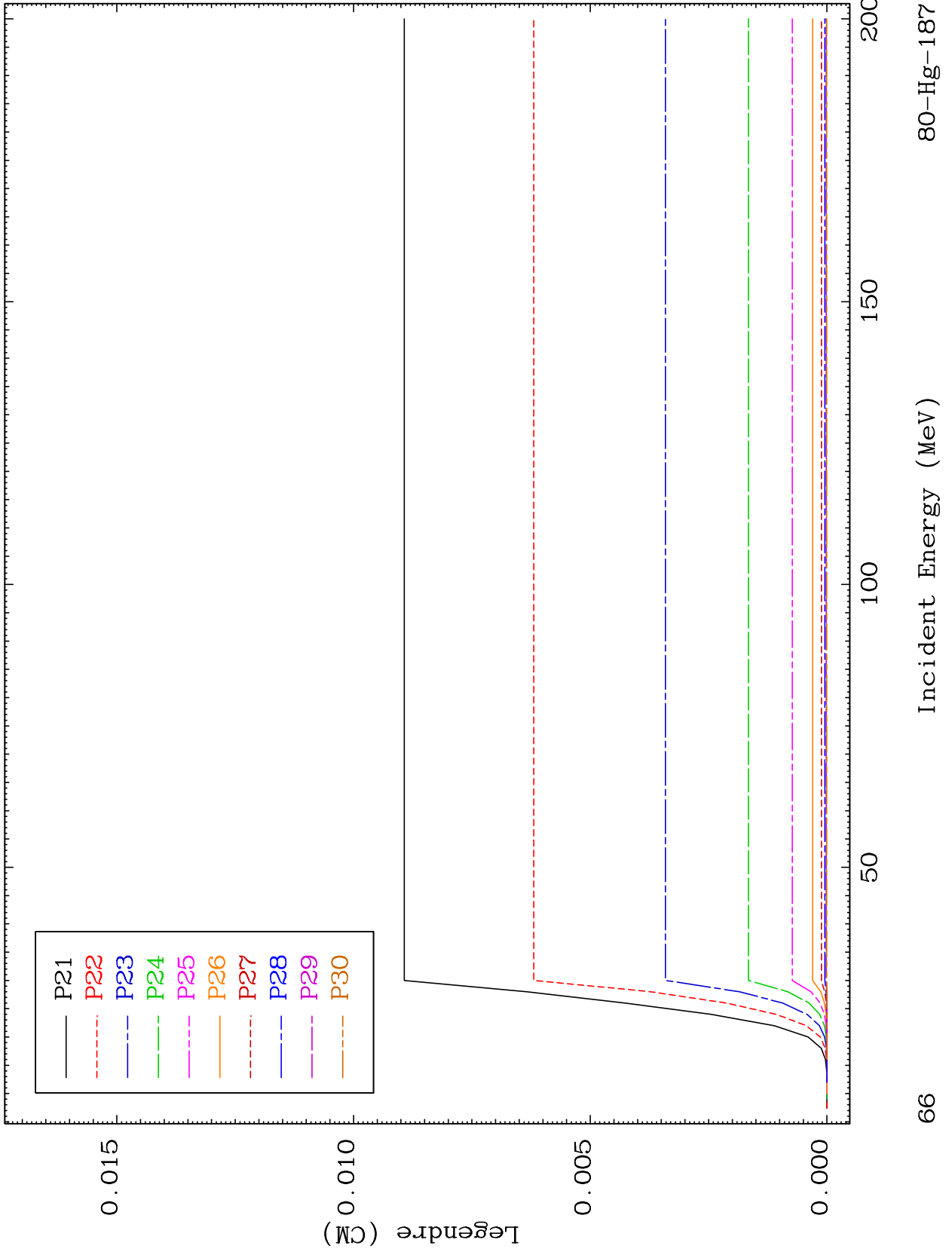
80-Hg-187



MAT 7998

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

80-Hg-187



66

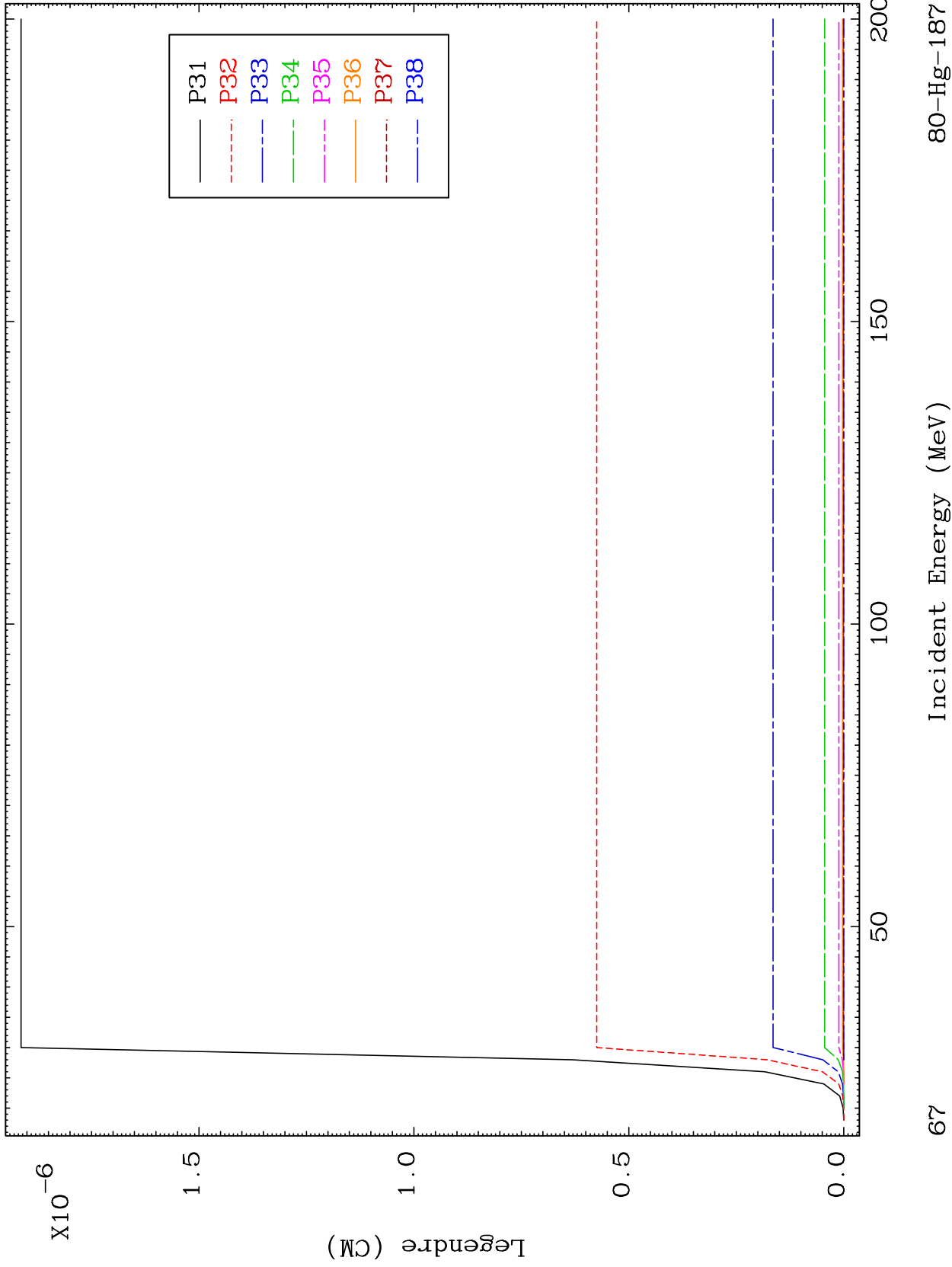
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

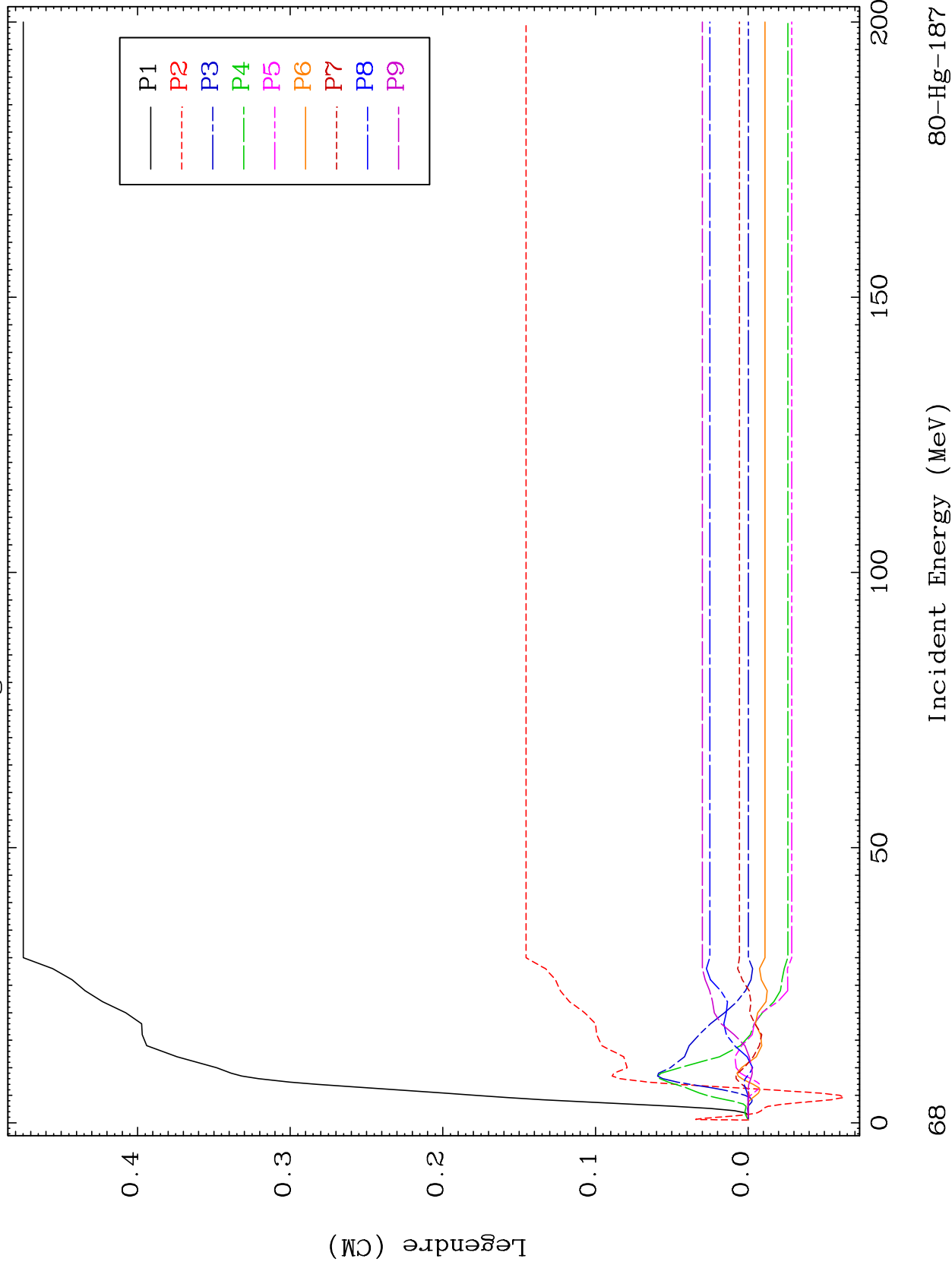
80-Hg-187



MAT 7998

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

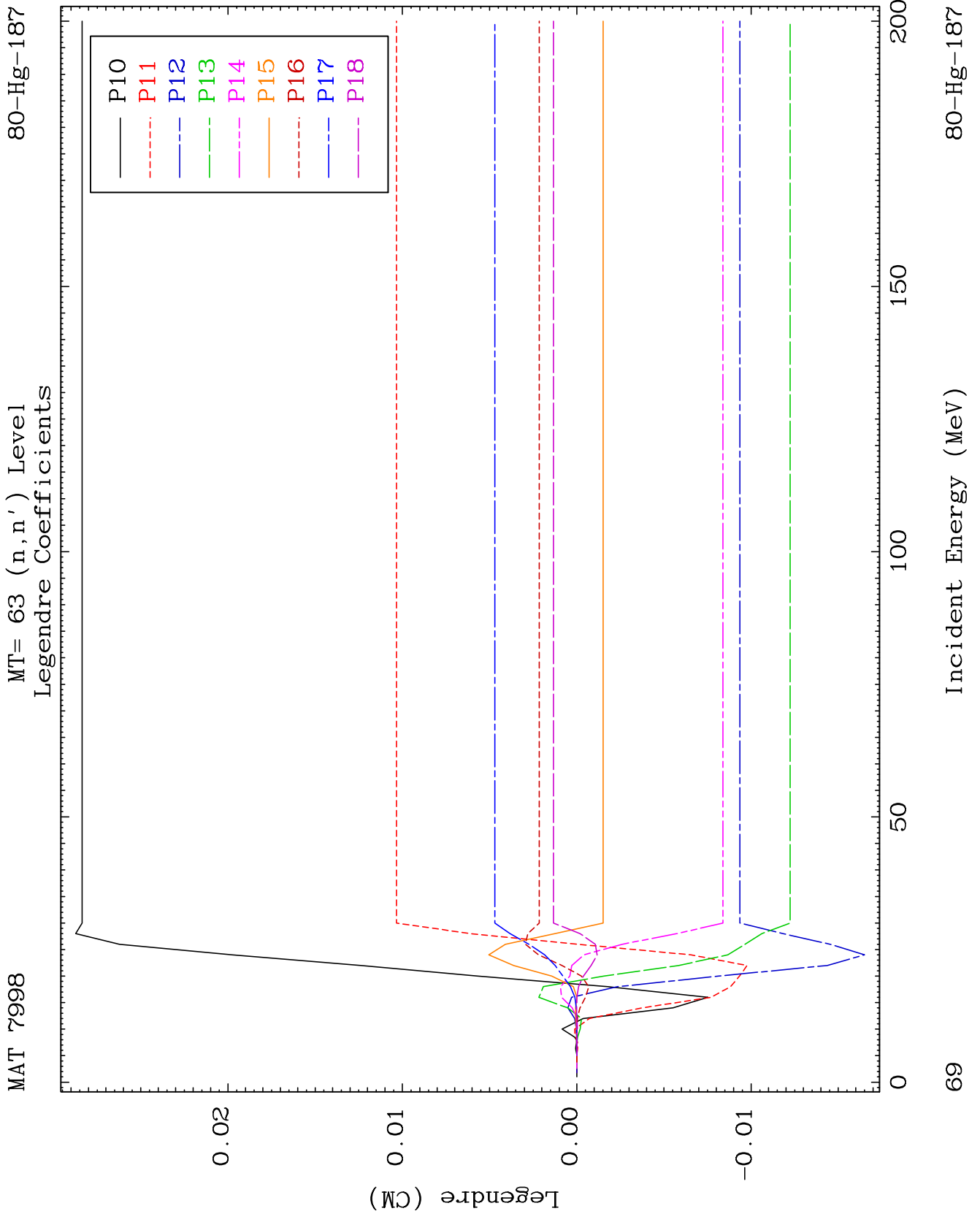
80-Hg-187



80-Hg-187

Incident Energy (MeV)

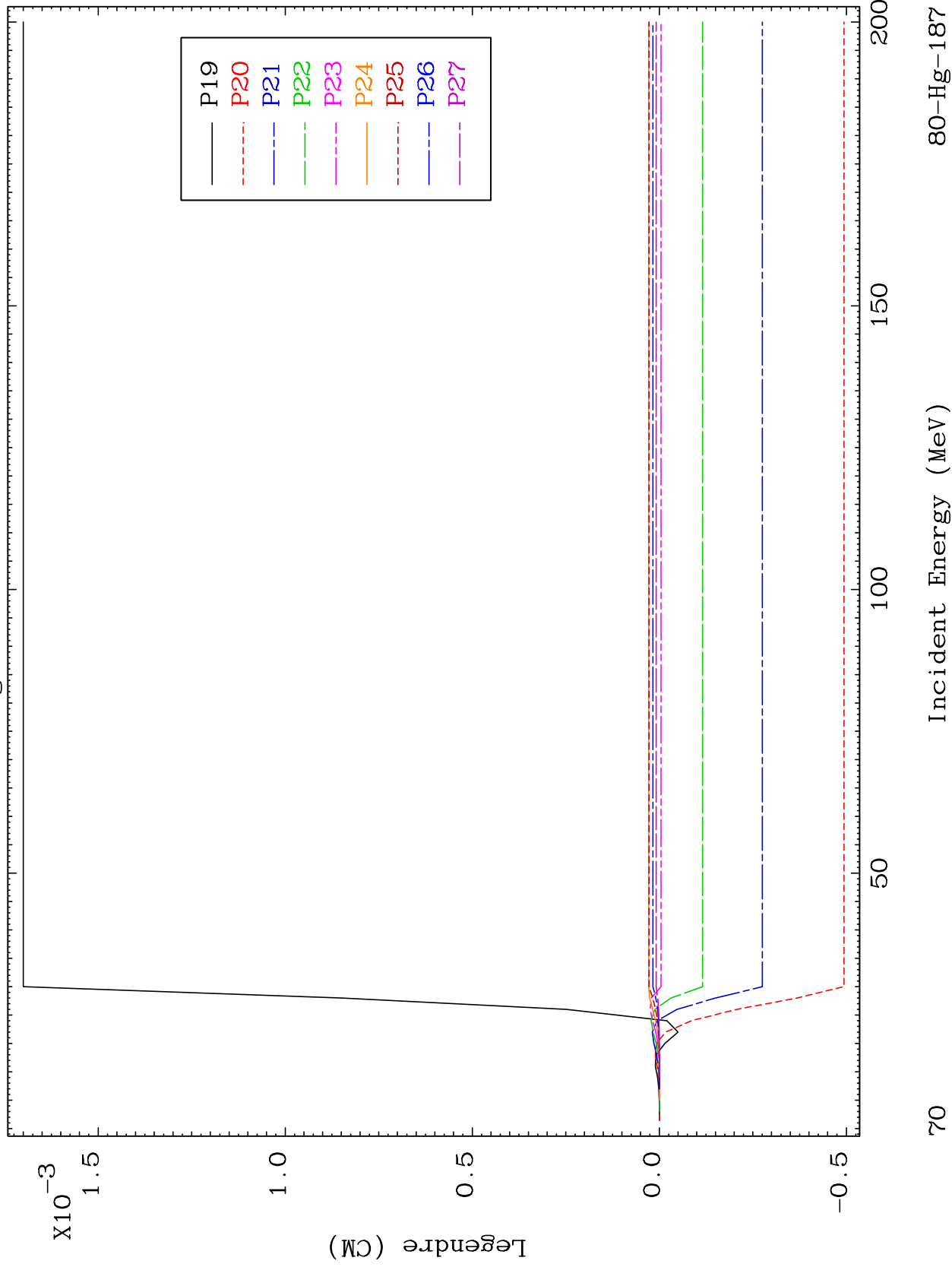
68



MAT 7998

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

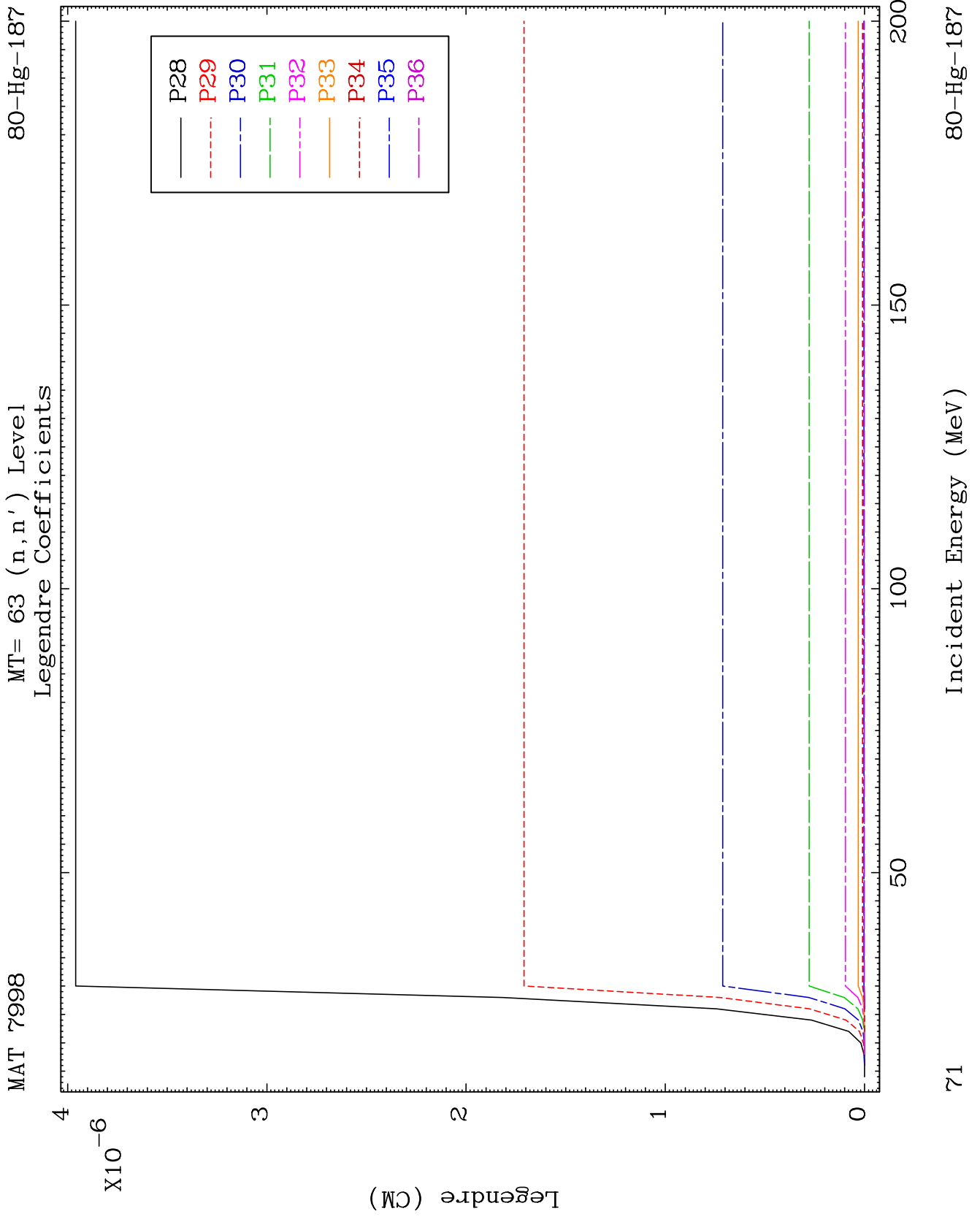
80-Hg-187



70

Incident Energy (MeV)

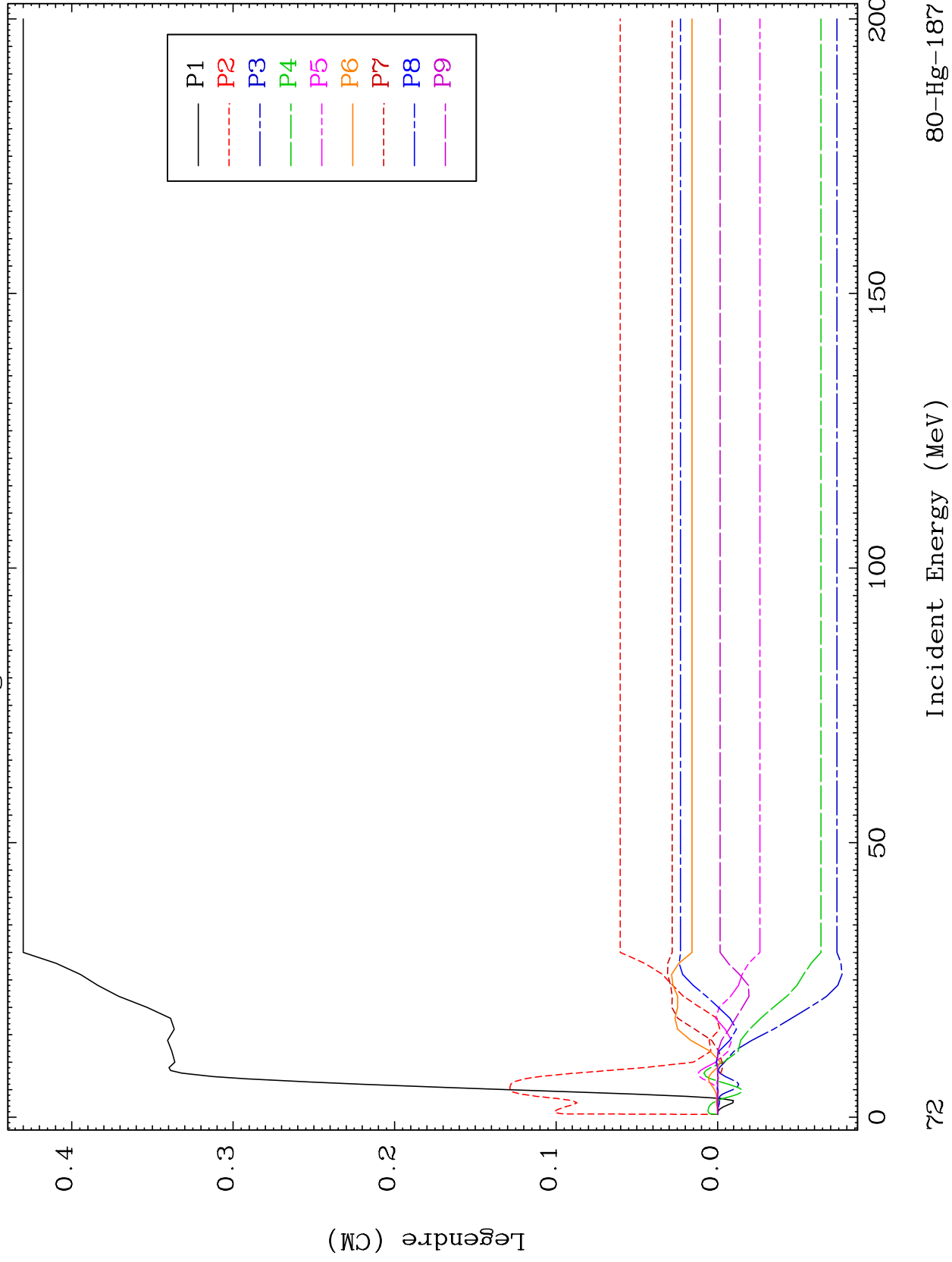
80-Hg-187

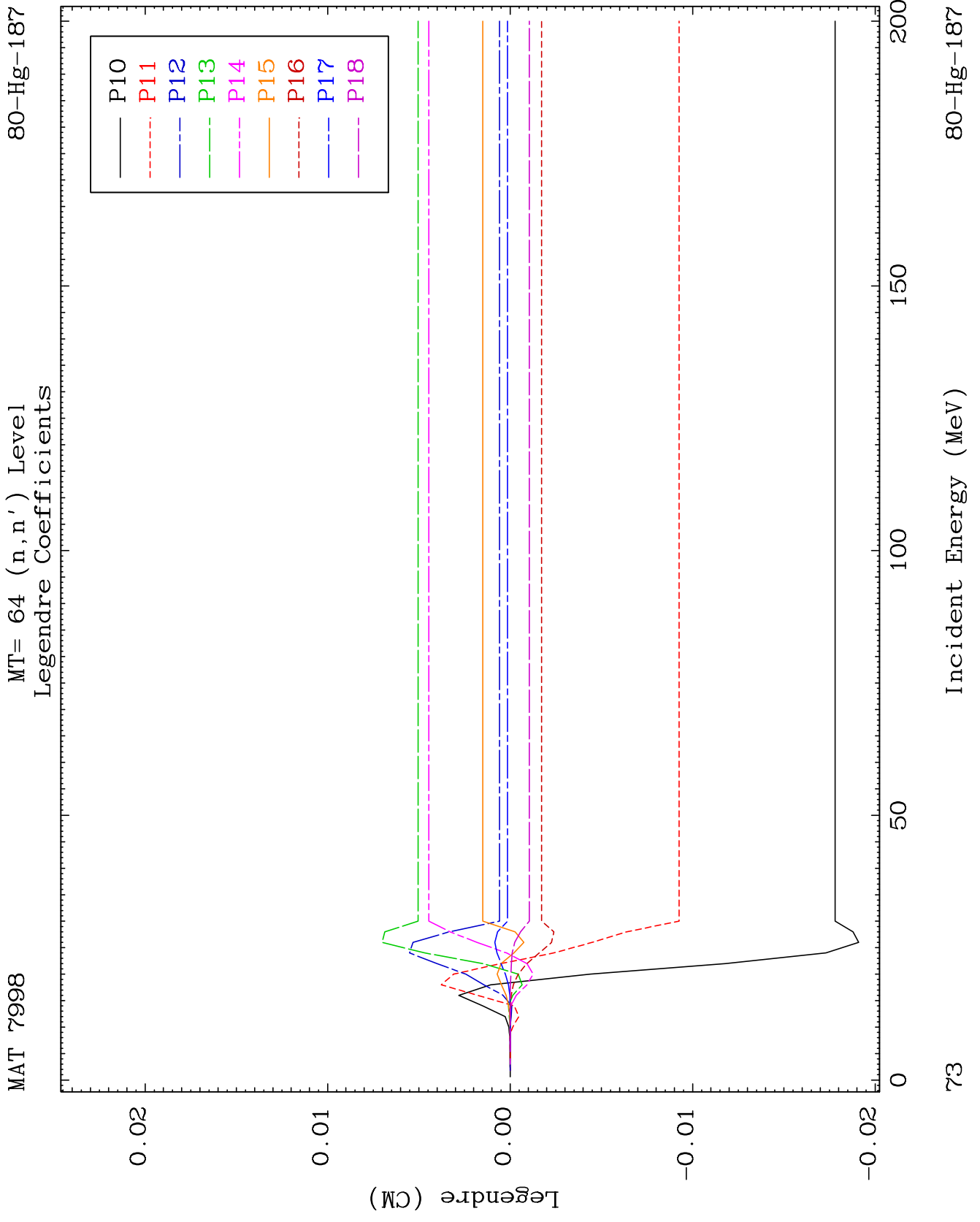


MAT 7998

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

80-Hg-187

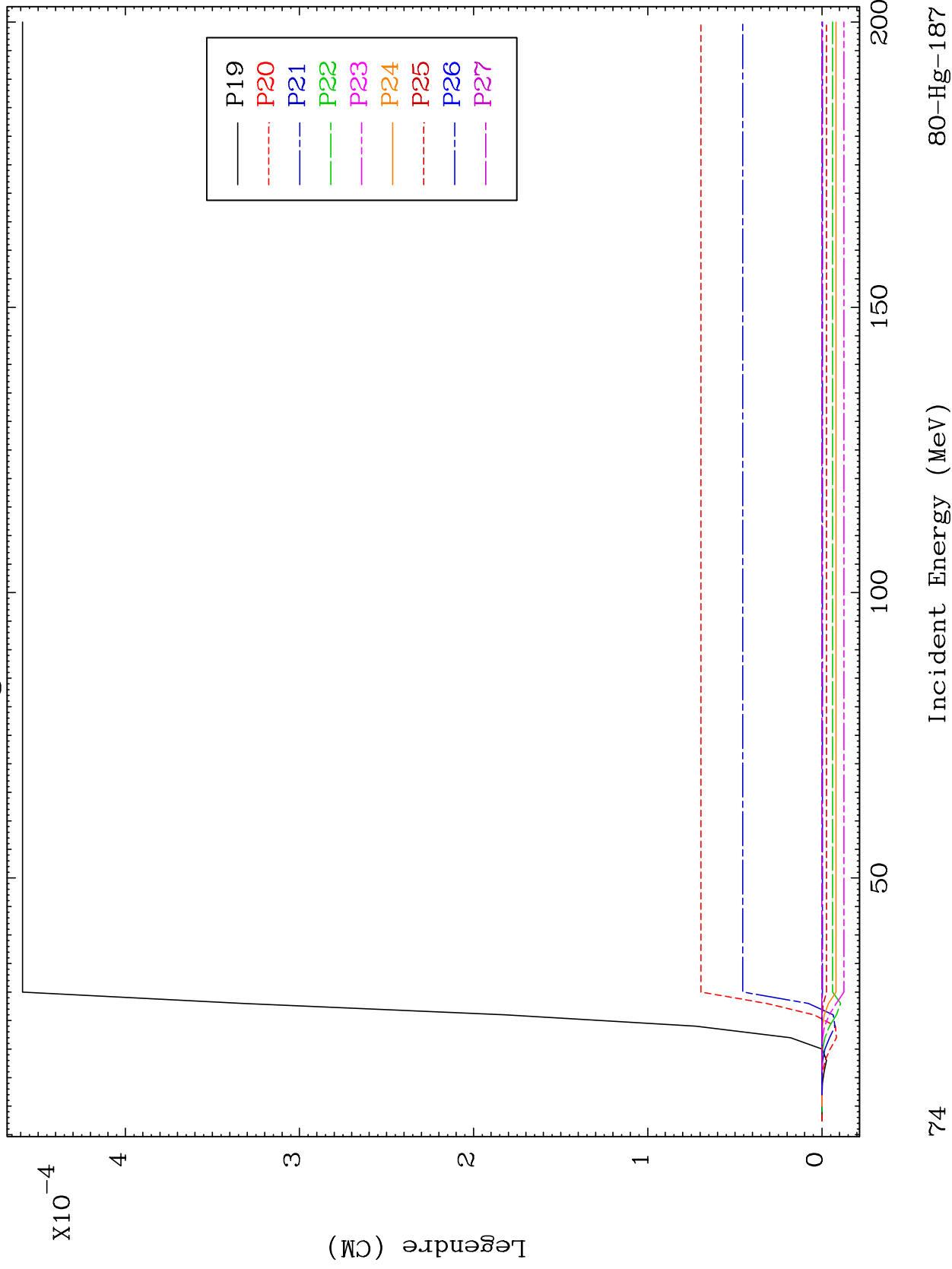




MAT 7998

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

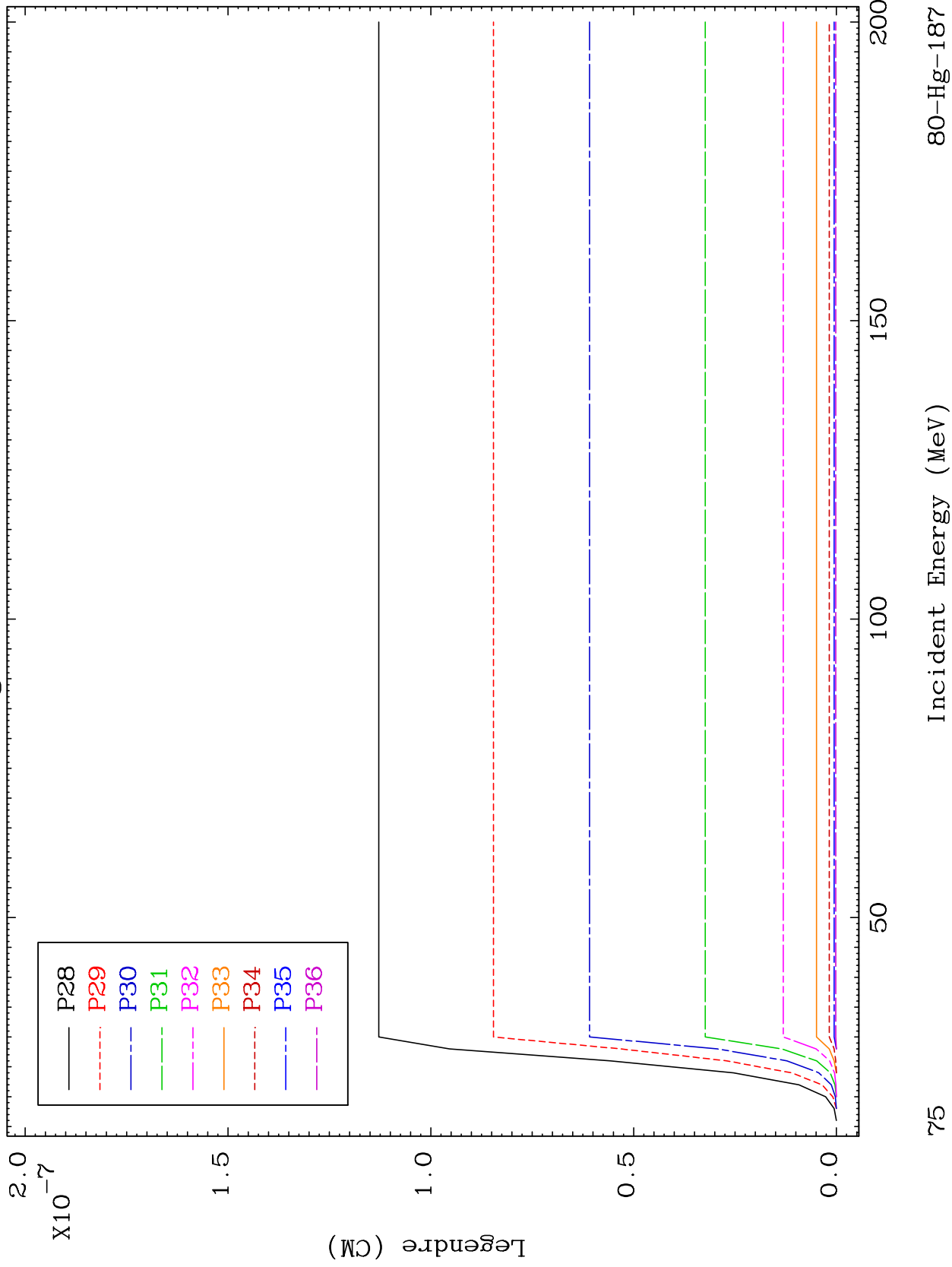
80-Hg-187



MAT 7998

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

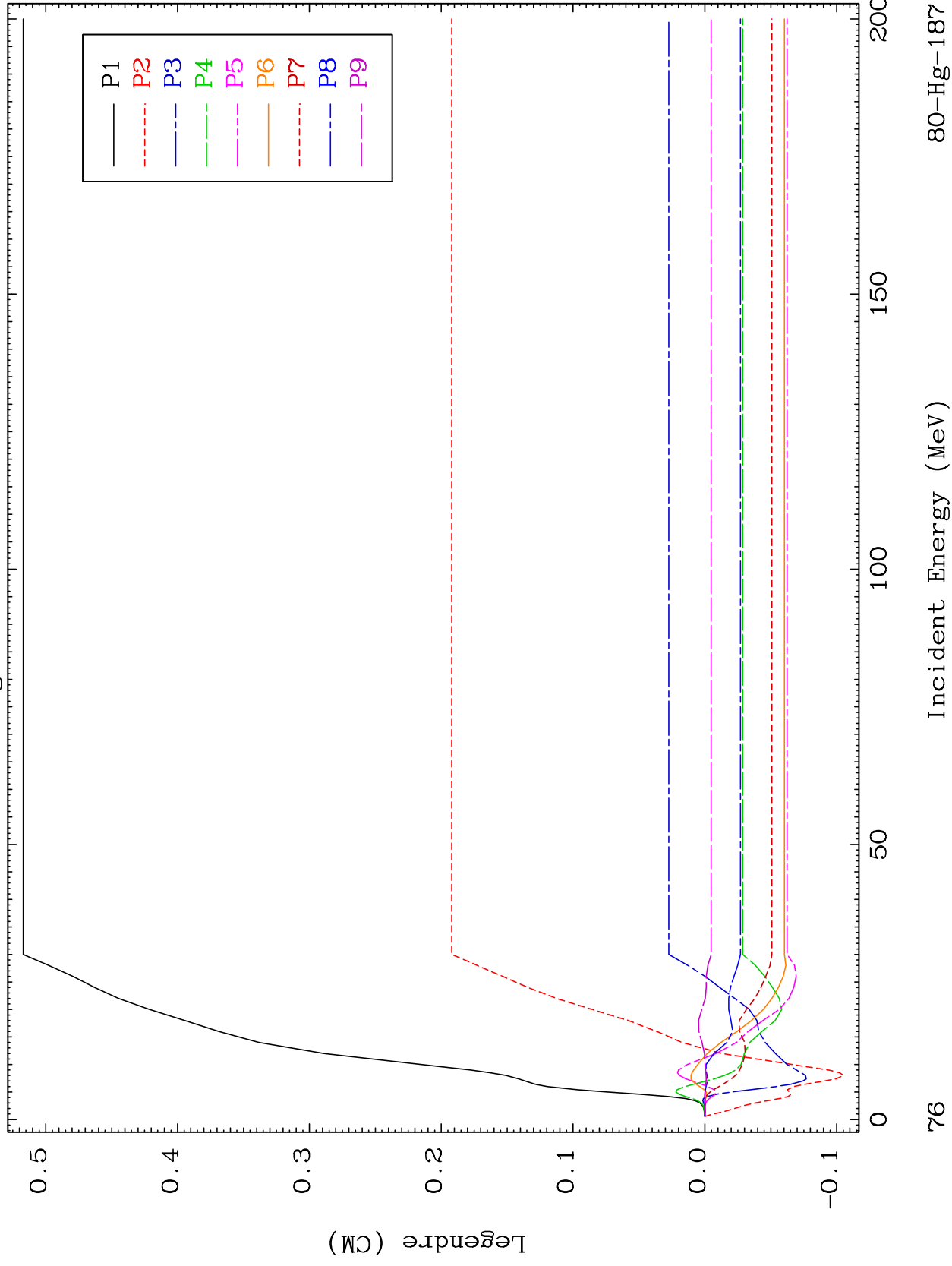
80-Hg-187



MAT 7998

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

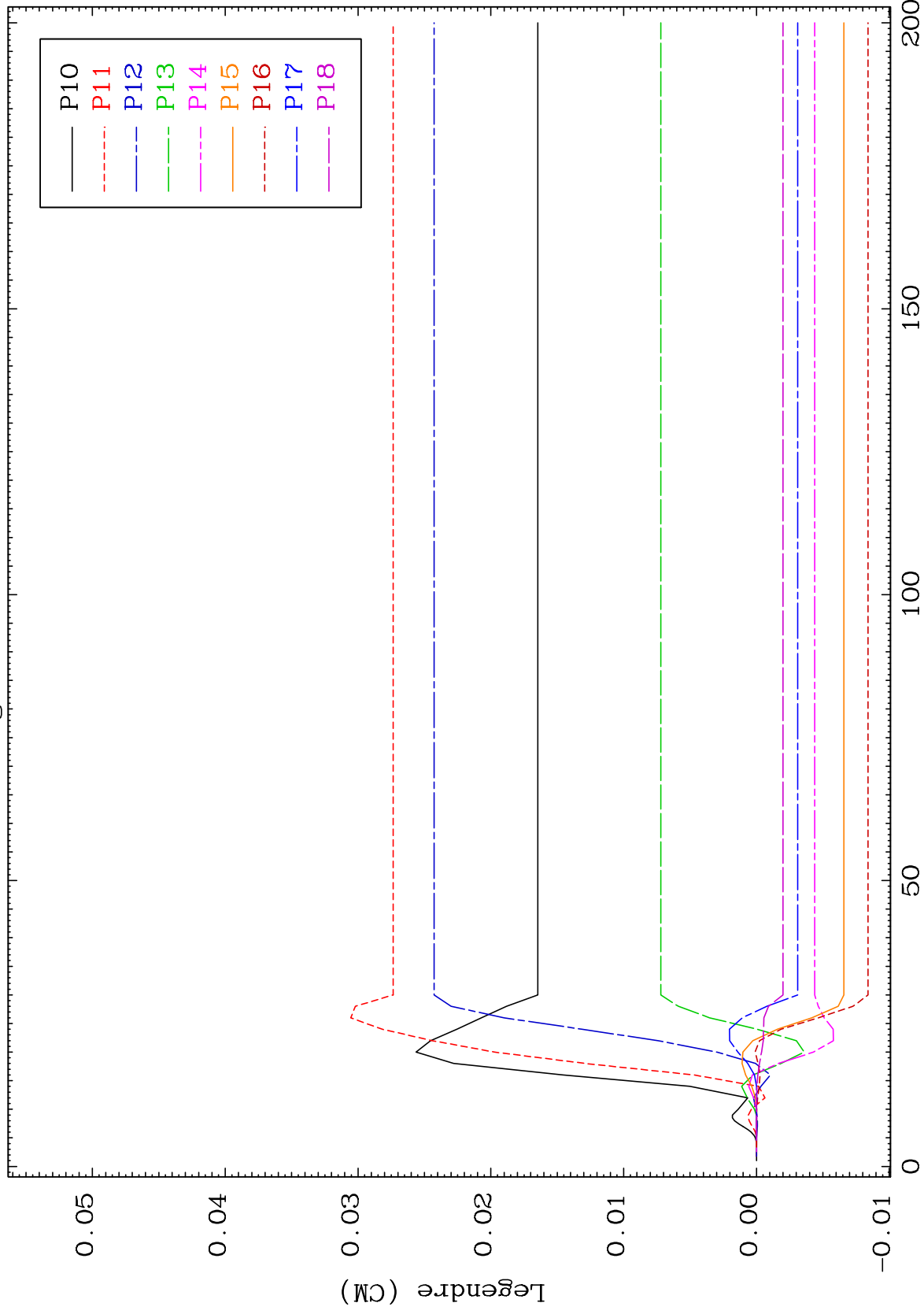
80-Hg-187



MAT 7998

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

80-Hg-187



77

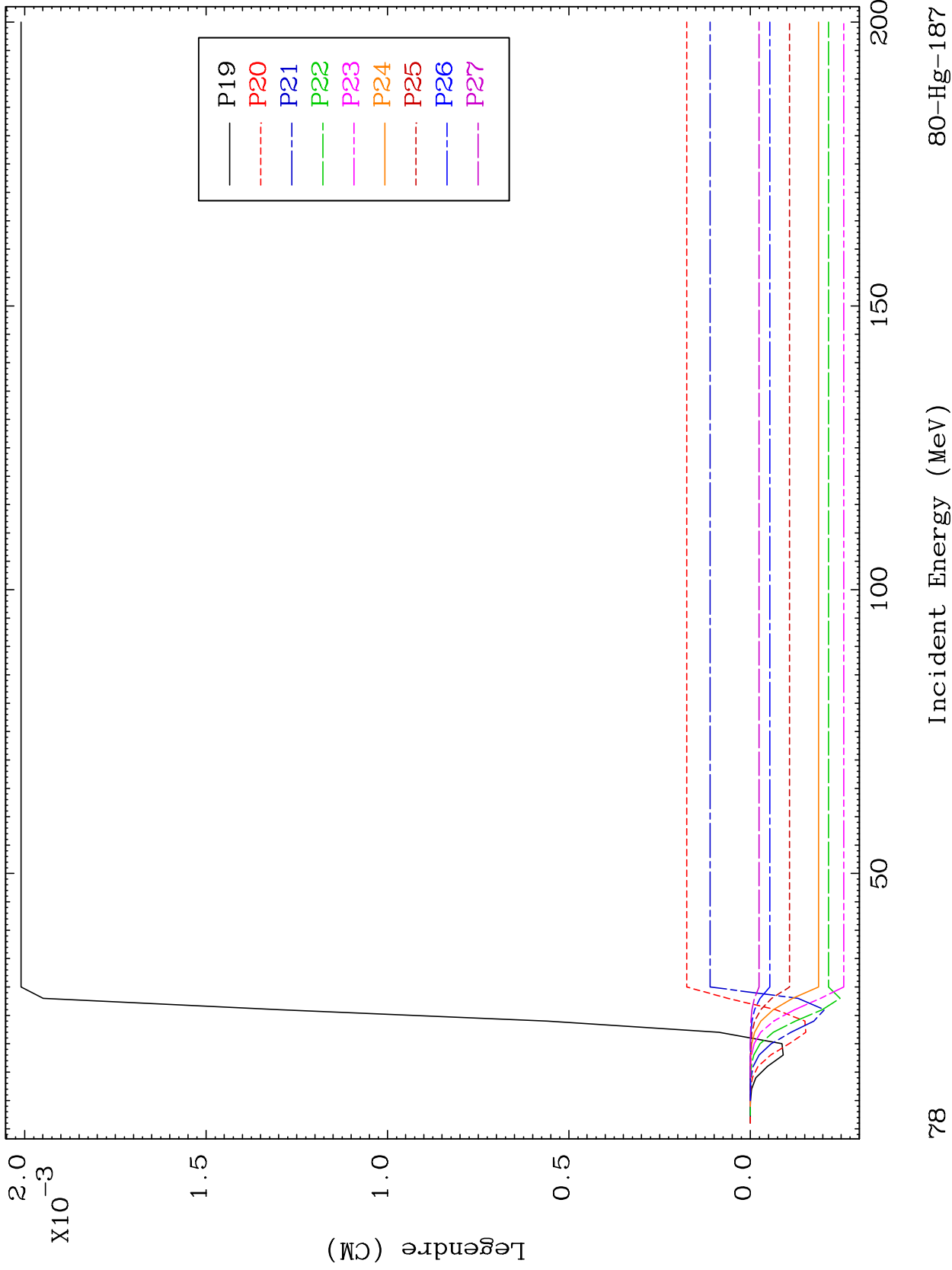
Incident Energy (MeV)

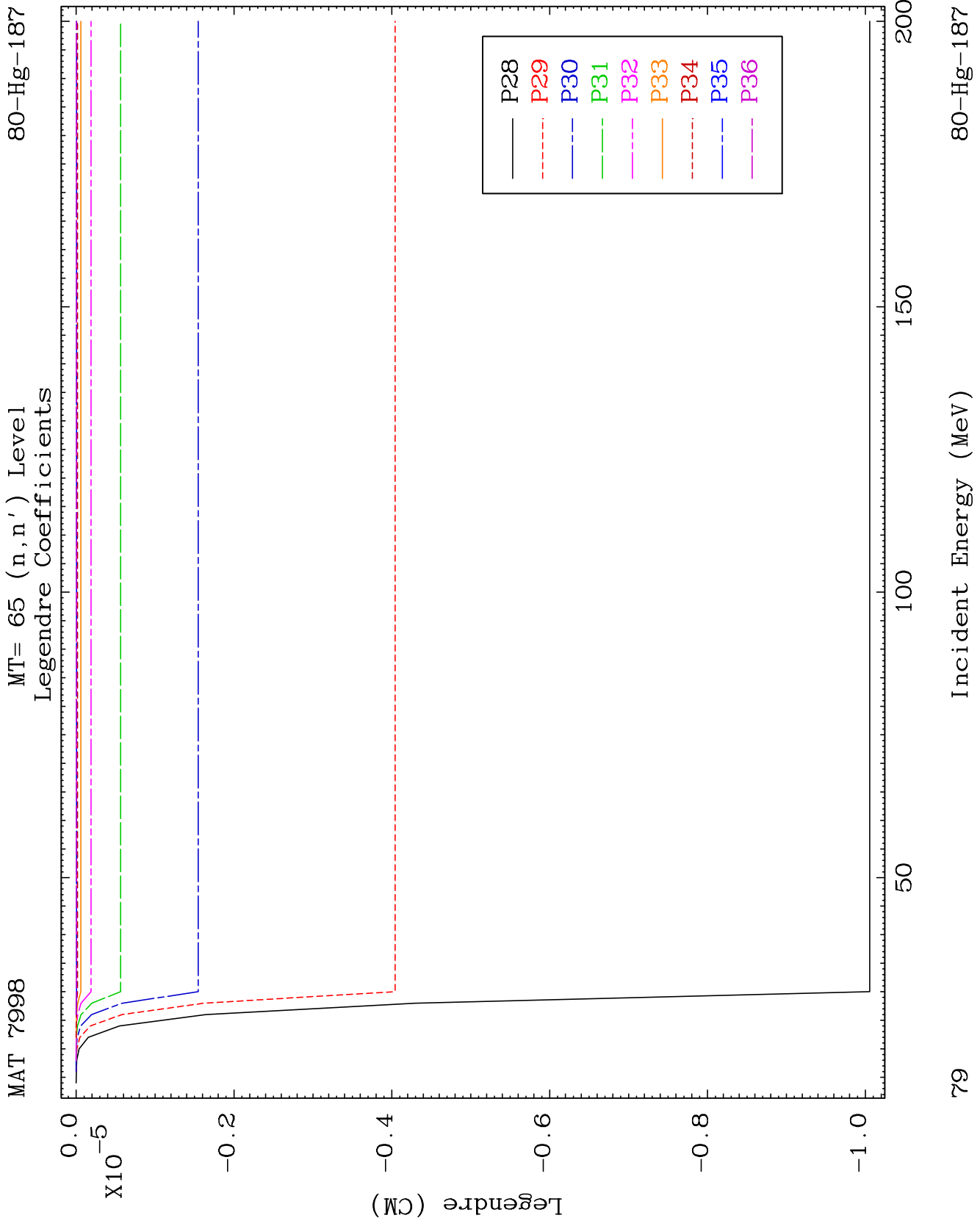
80-Hg-187

MAT 7998

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

80-Hg-187

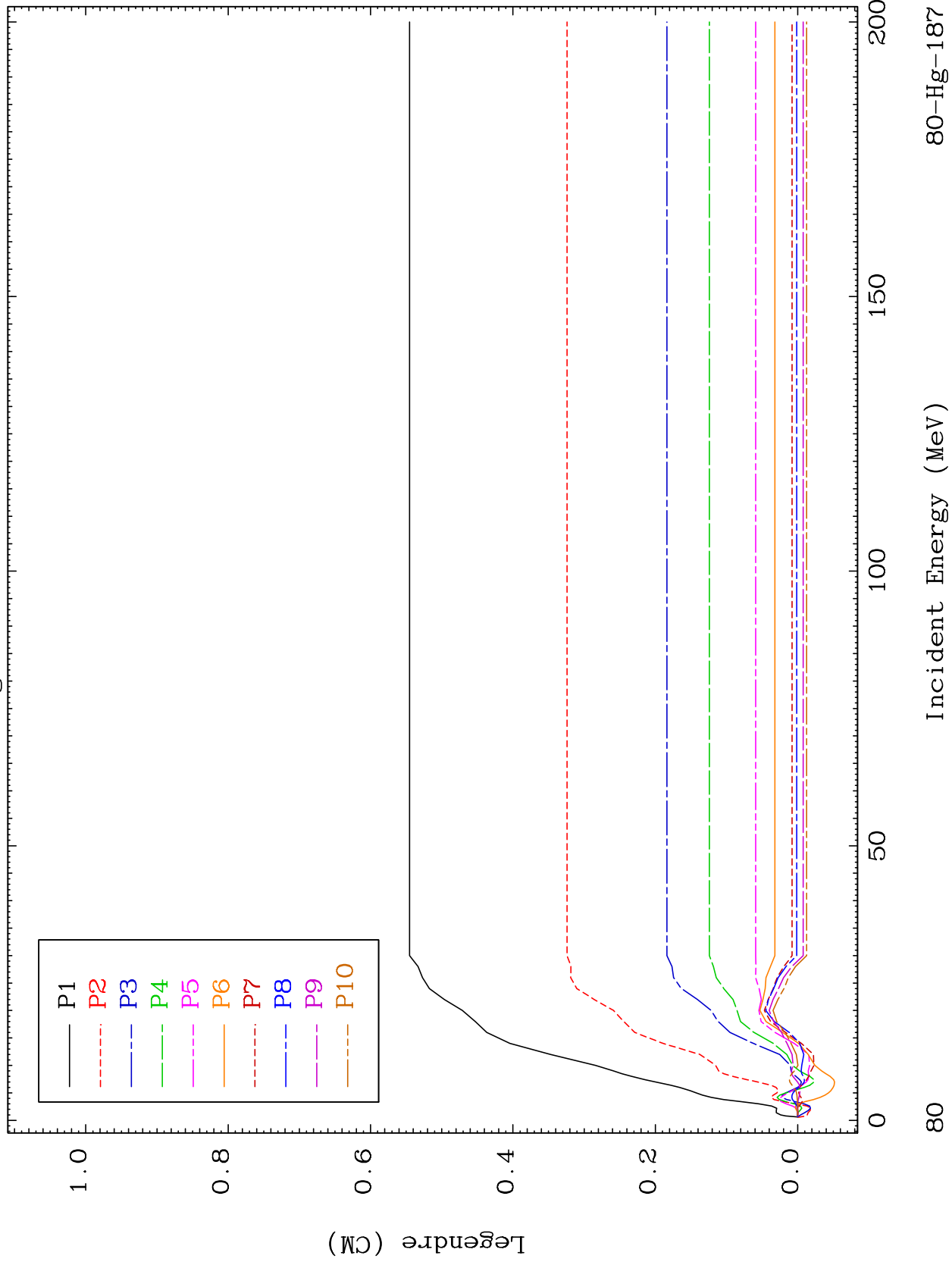


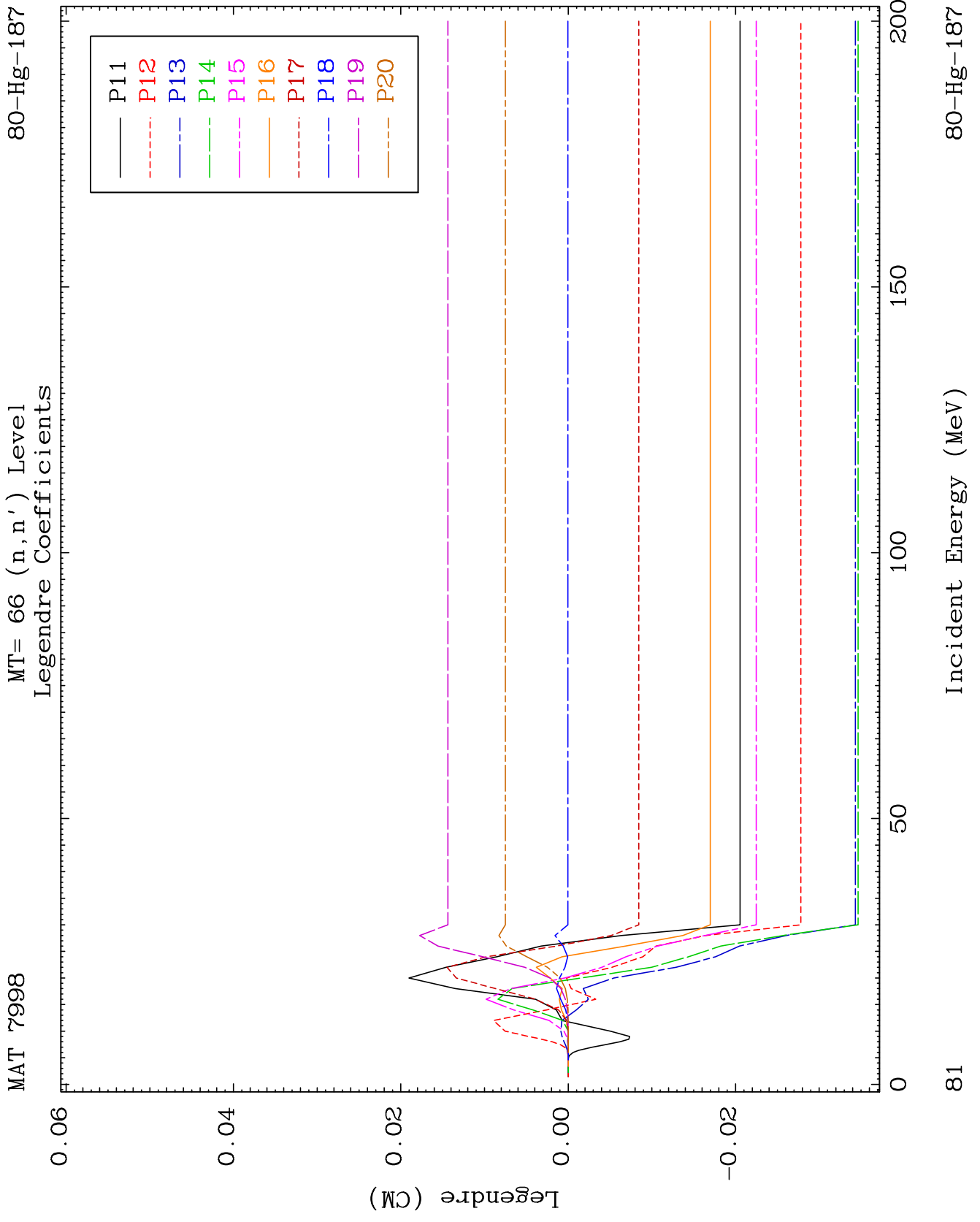


MAT 7998

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

80-Hg-187

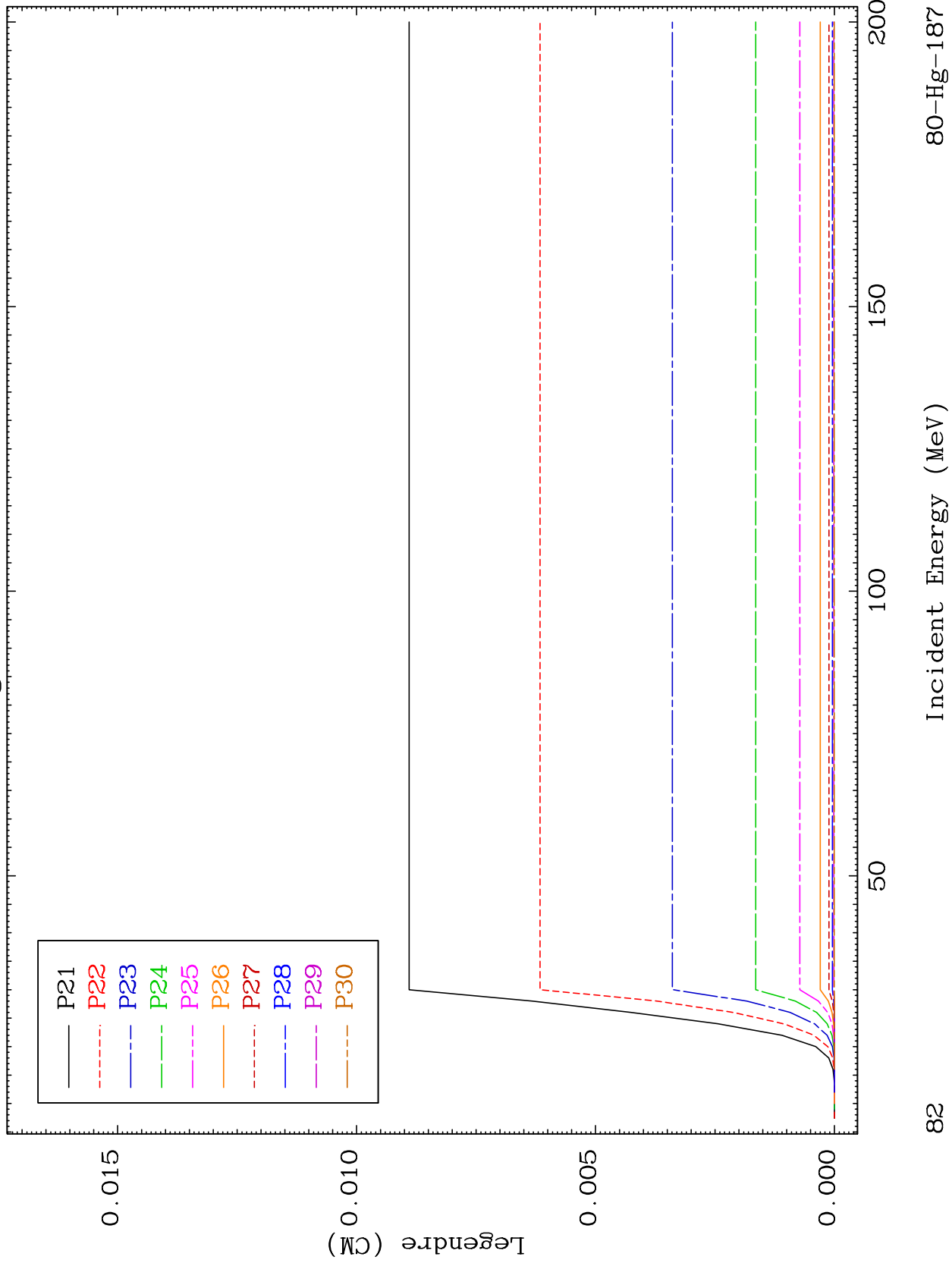




MAT 7998

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

80-Hg-187



82

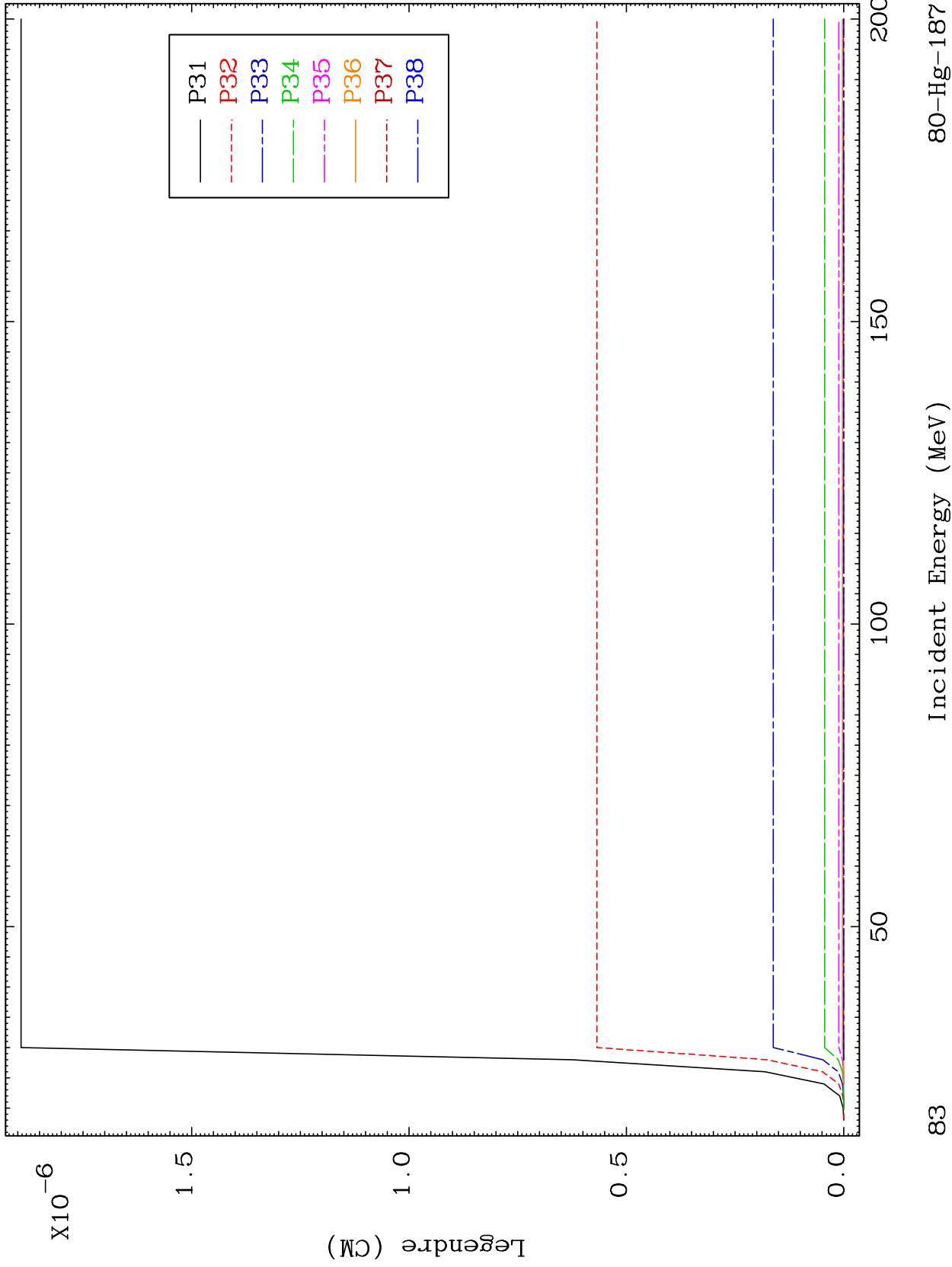
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



83

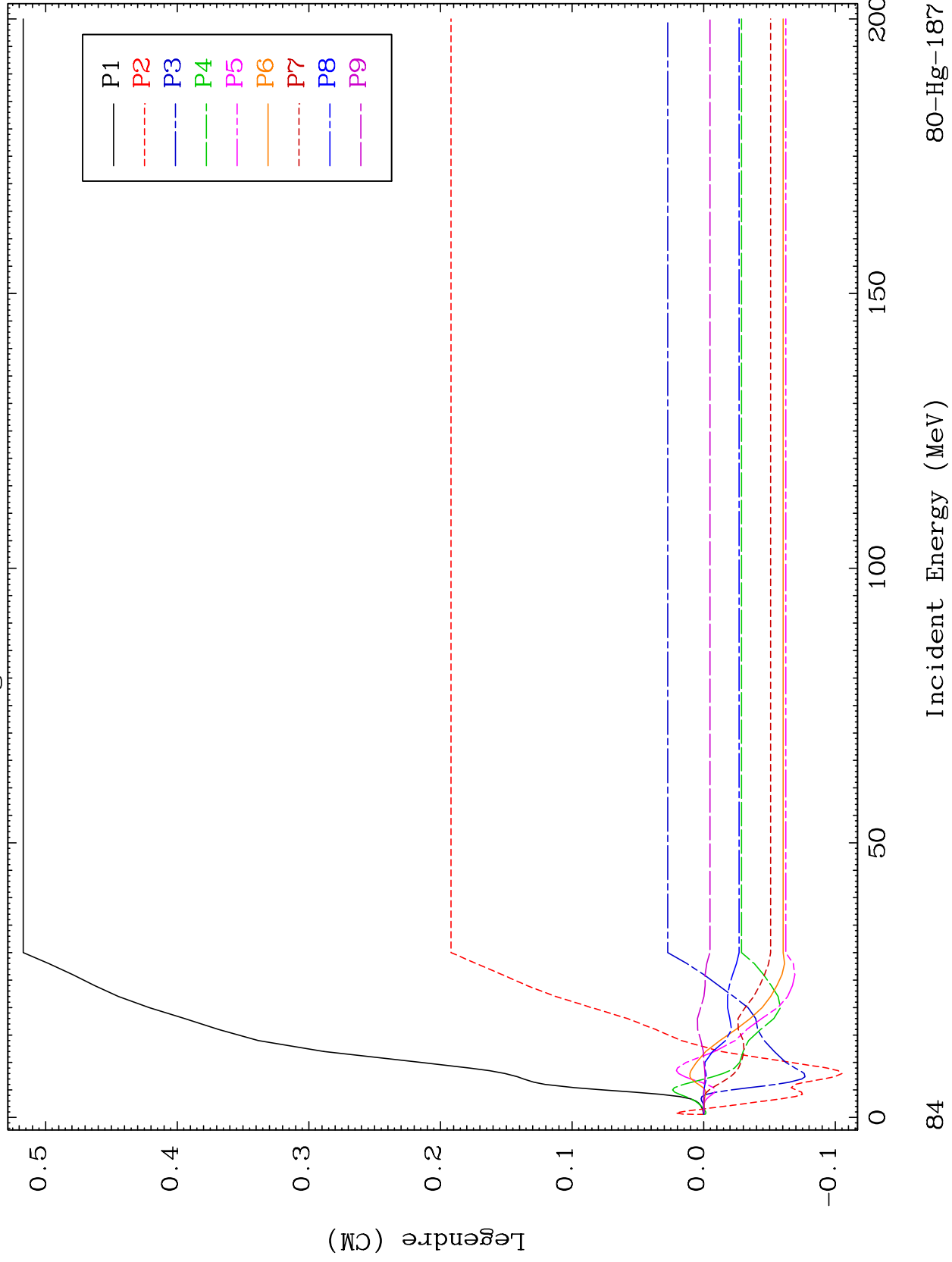
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



84

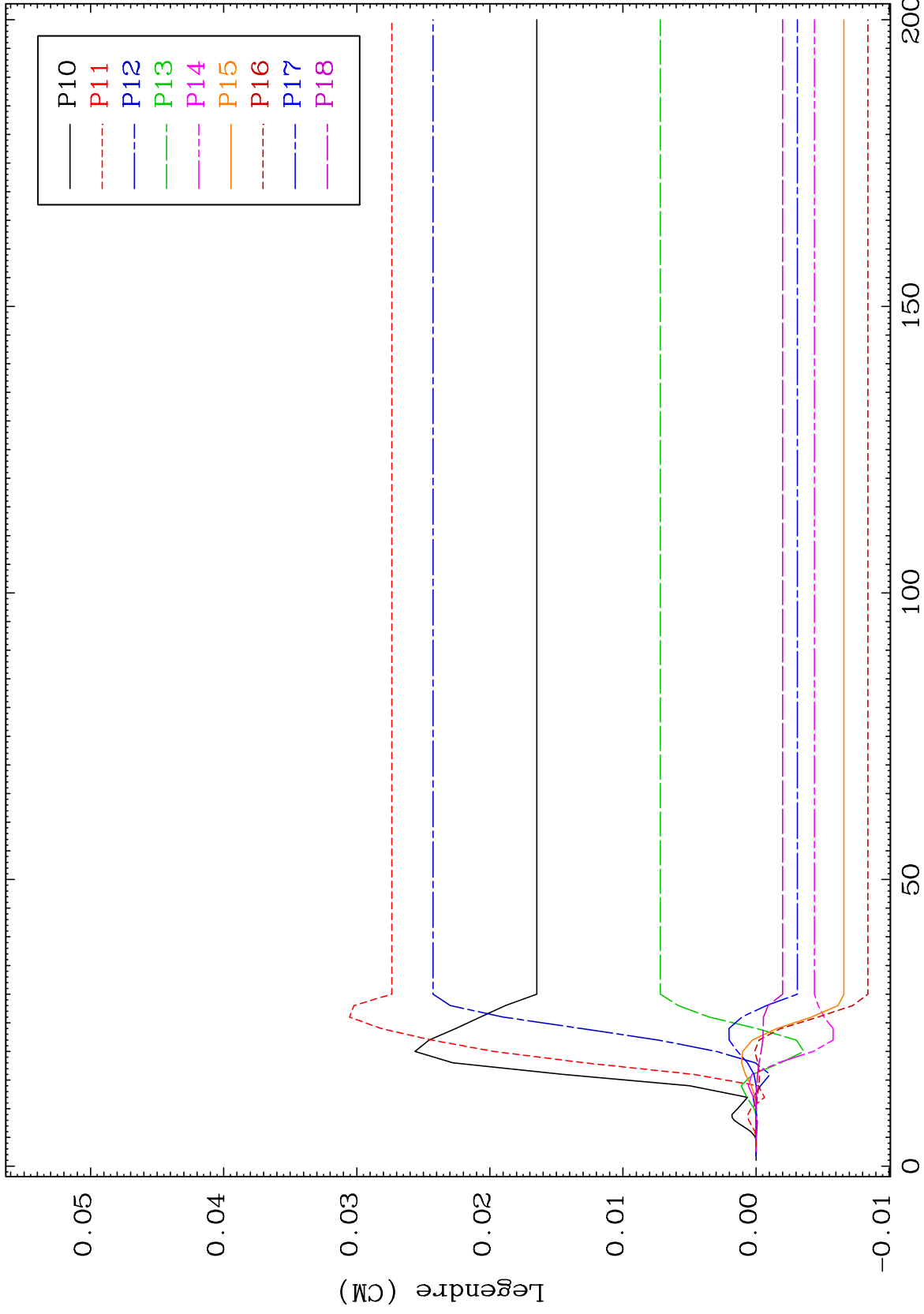
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

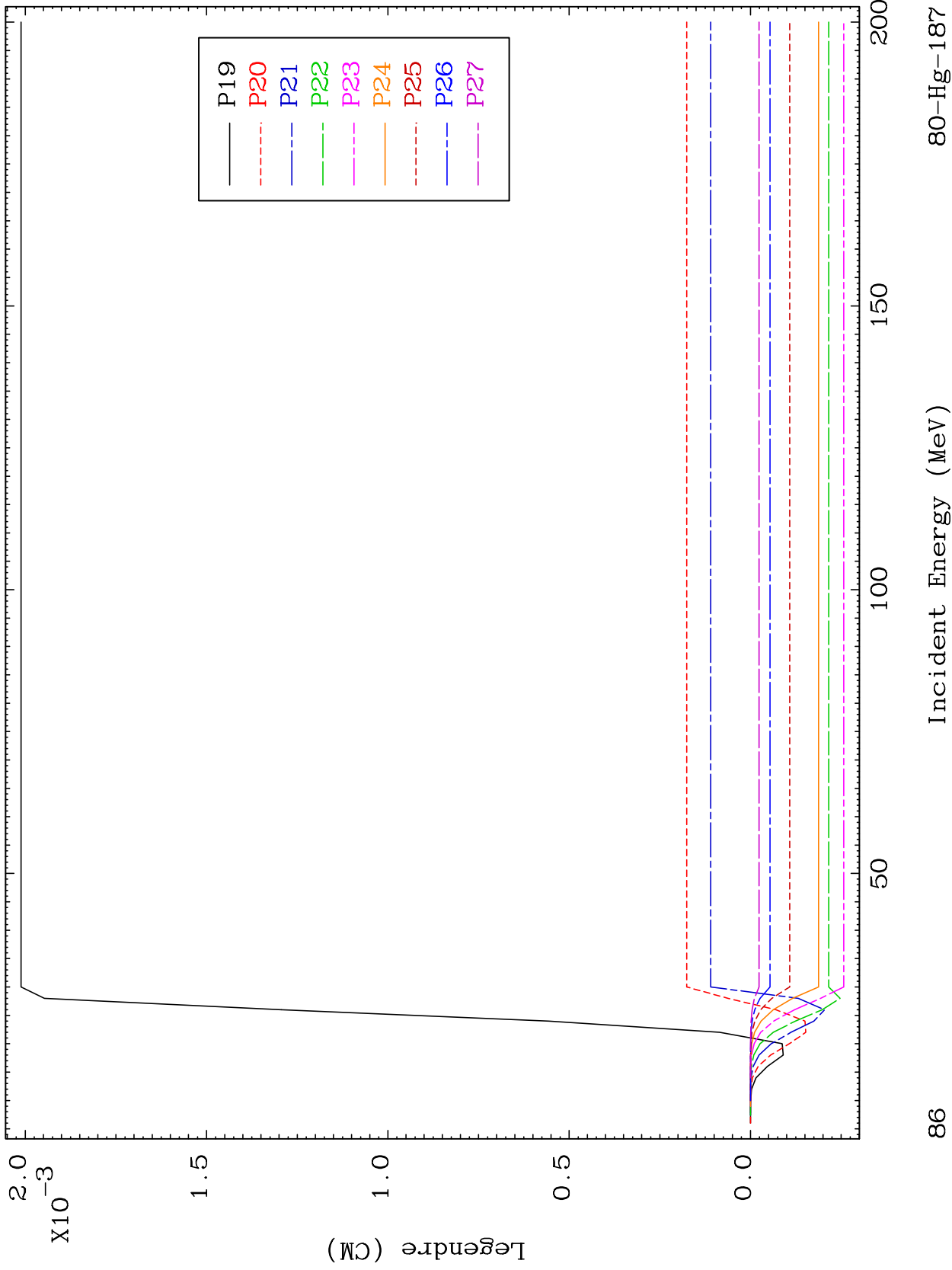
80-Hg-187

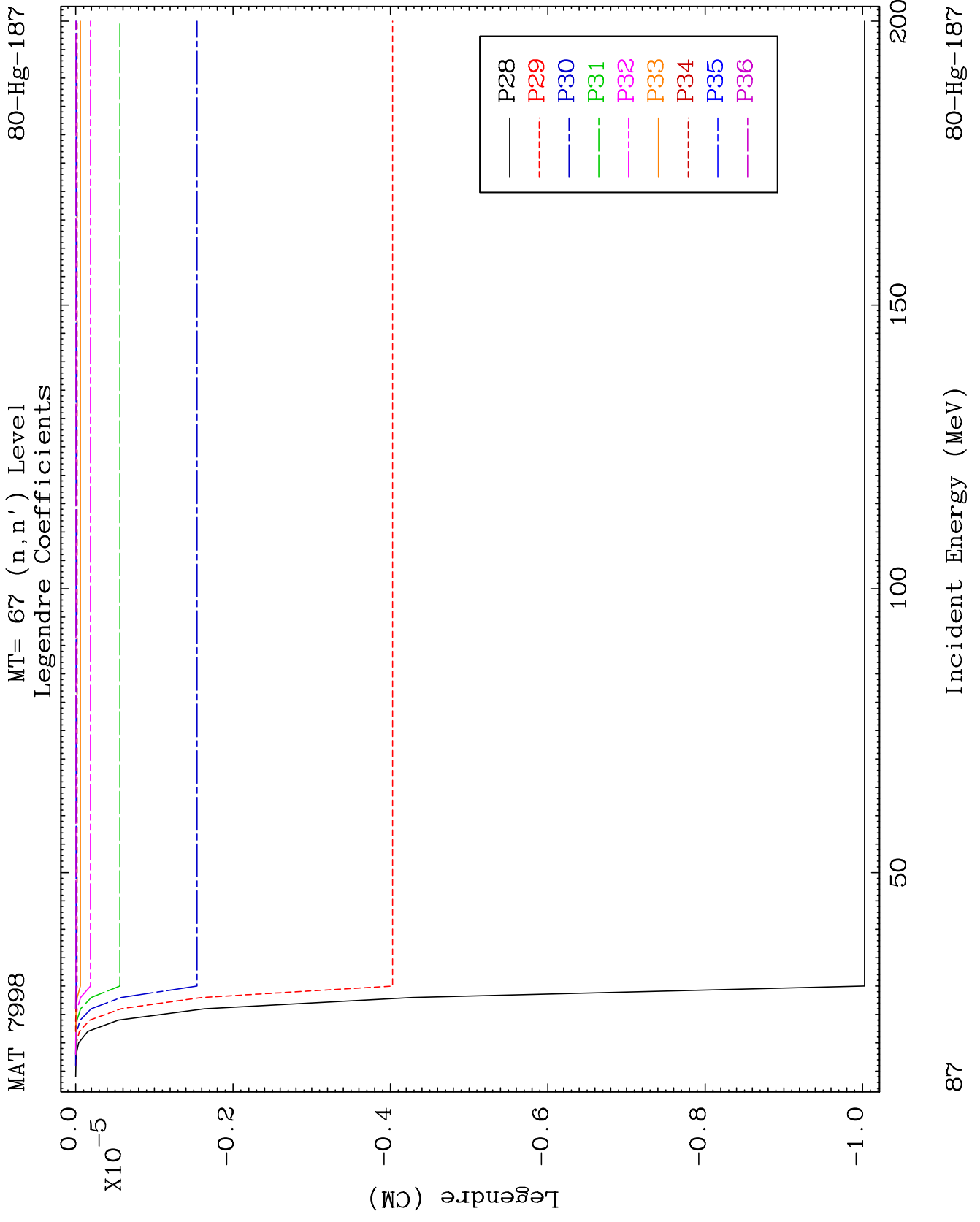


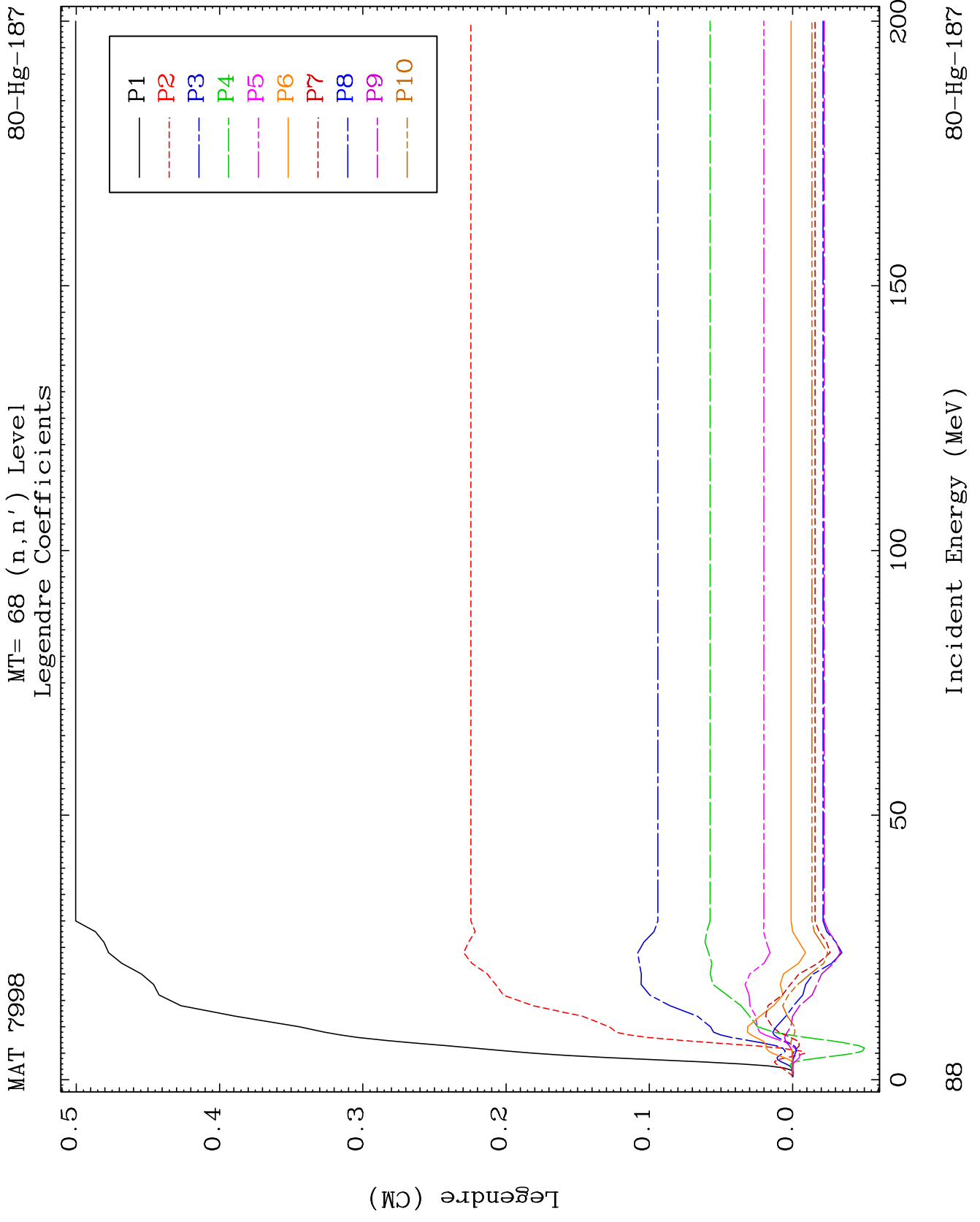
80-Hg-187

Incident Energy (MeV)

85



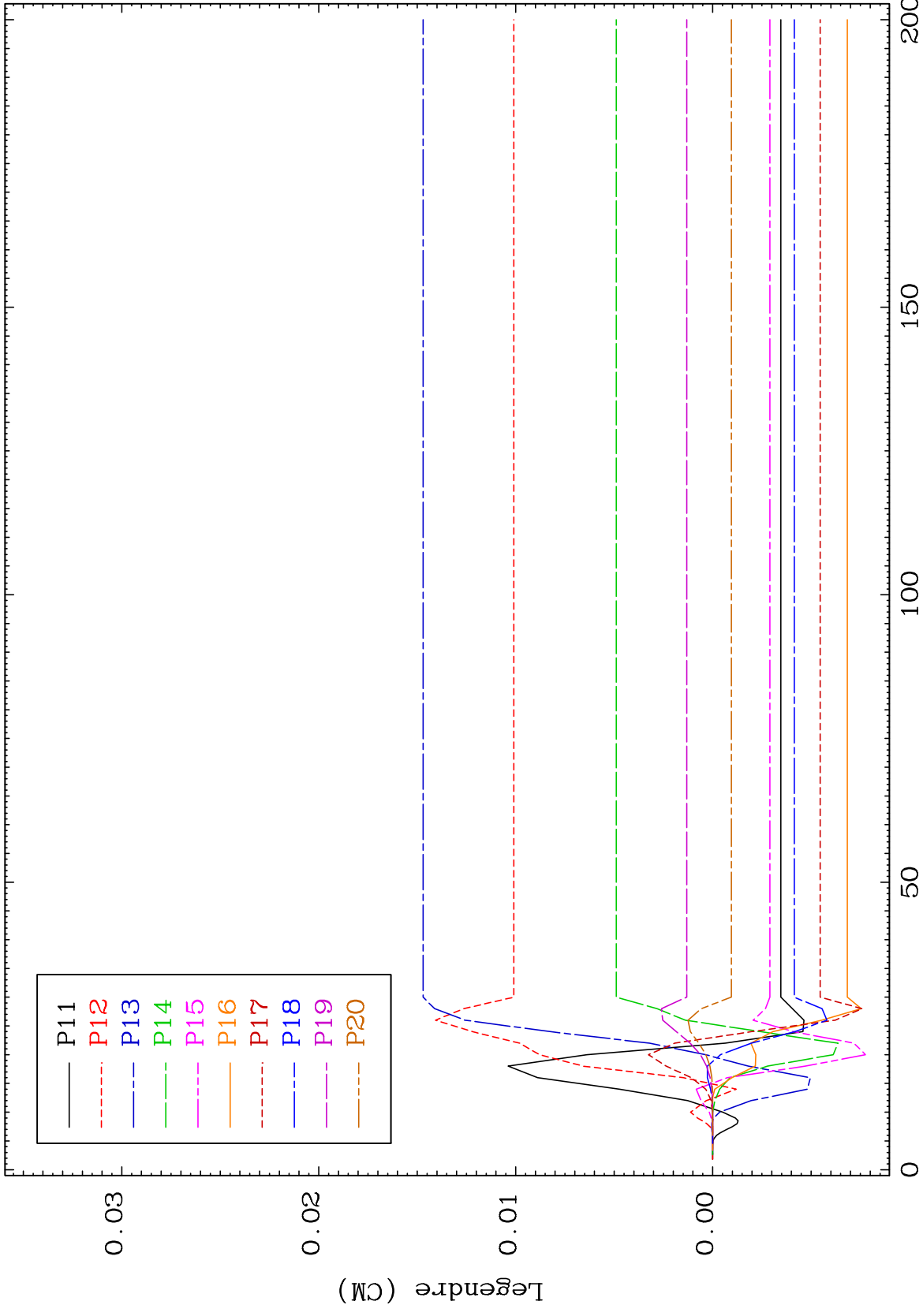




MAT 7998

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

80-Hg-187



89

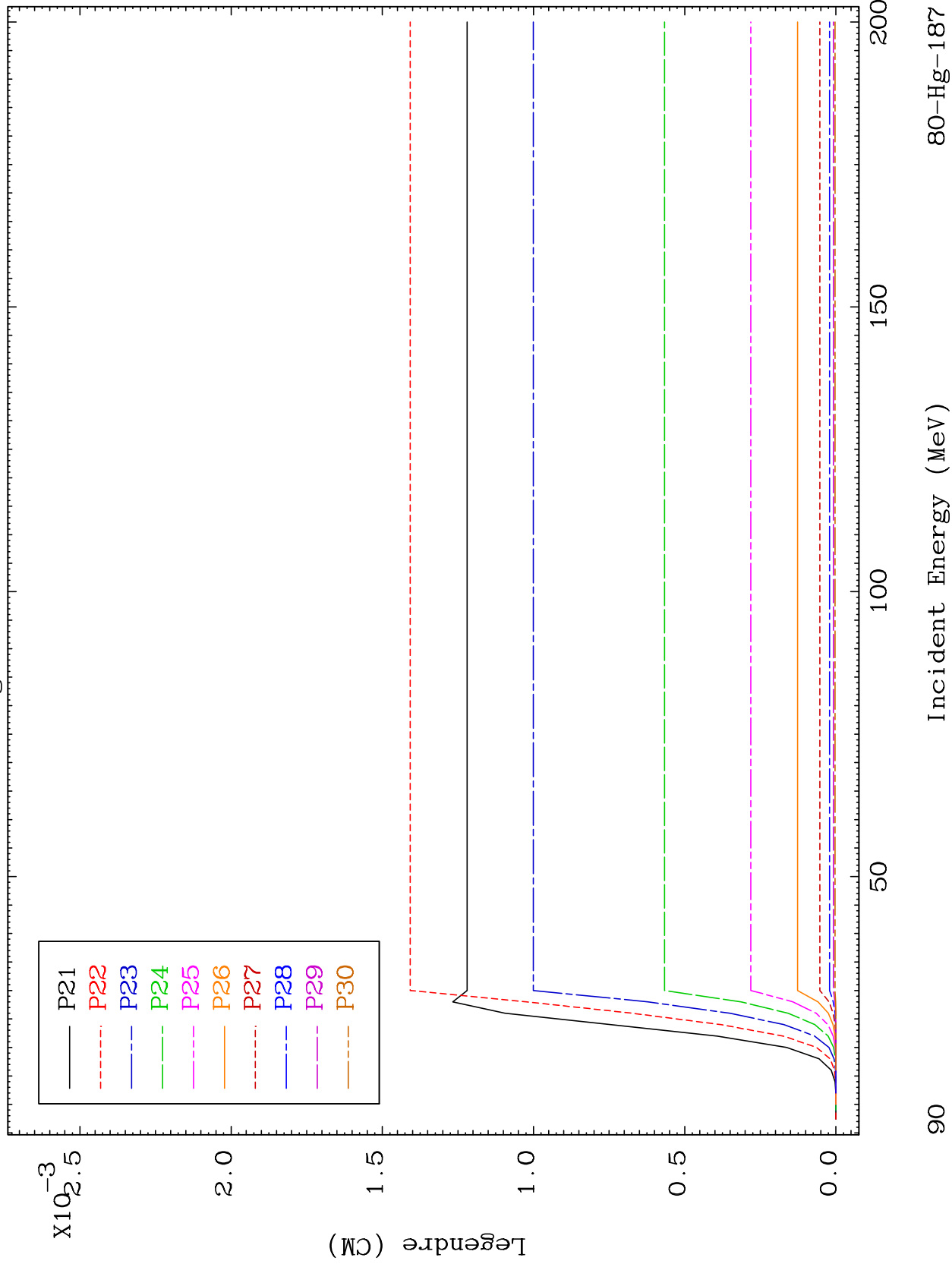
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187

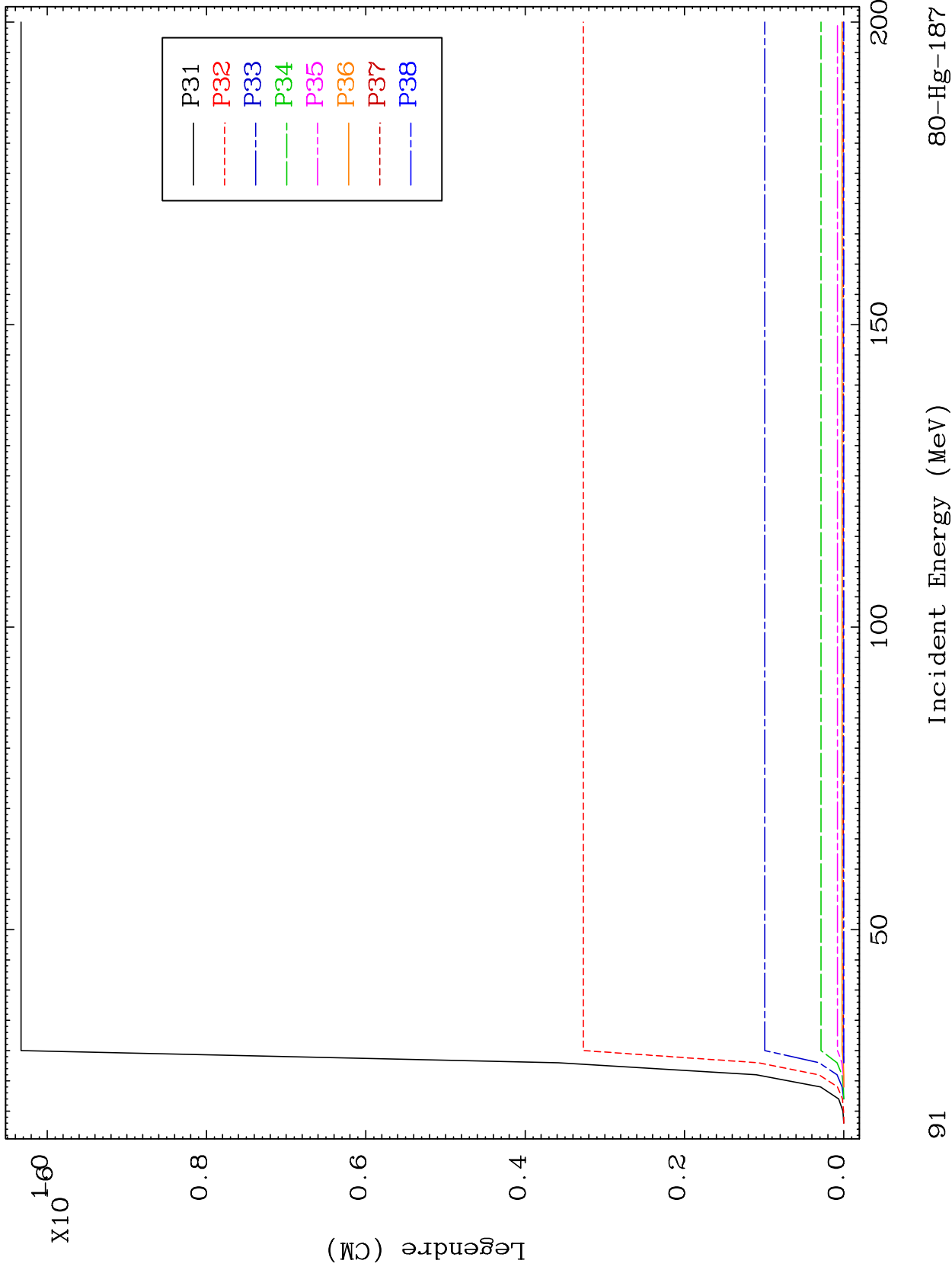


90

MAT 7998

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

80-Hg-187

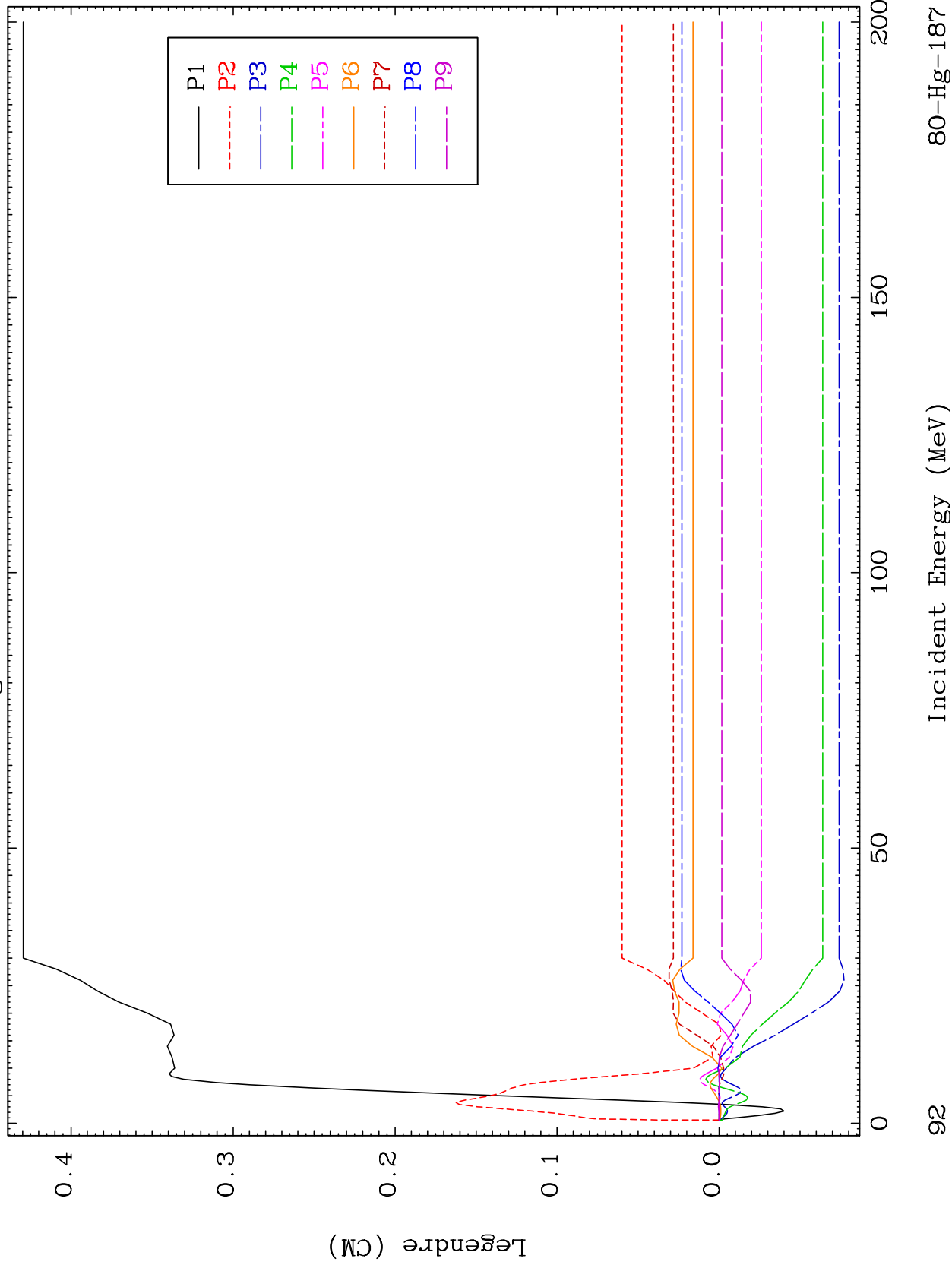


91

MAT 7998

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

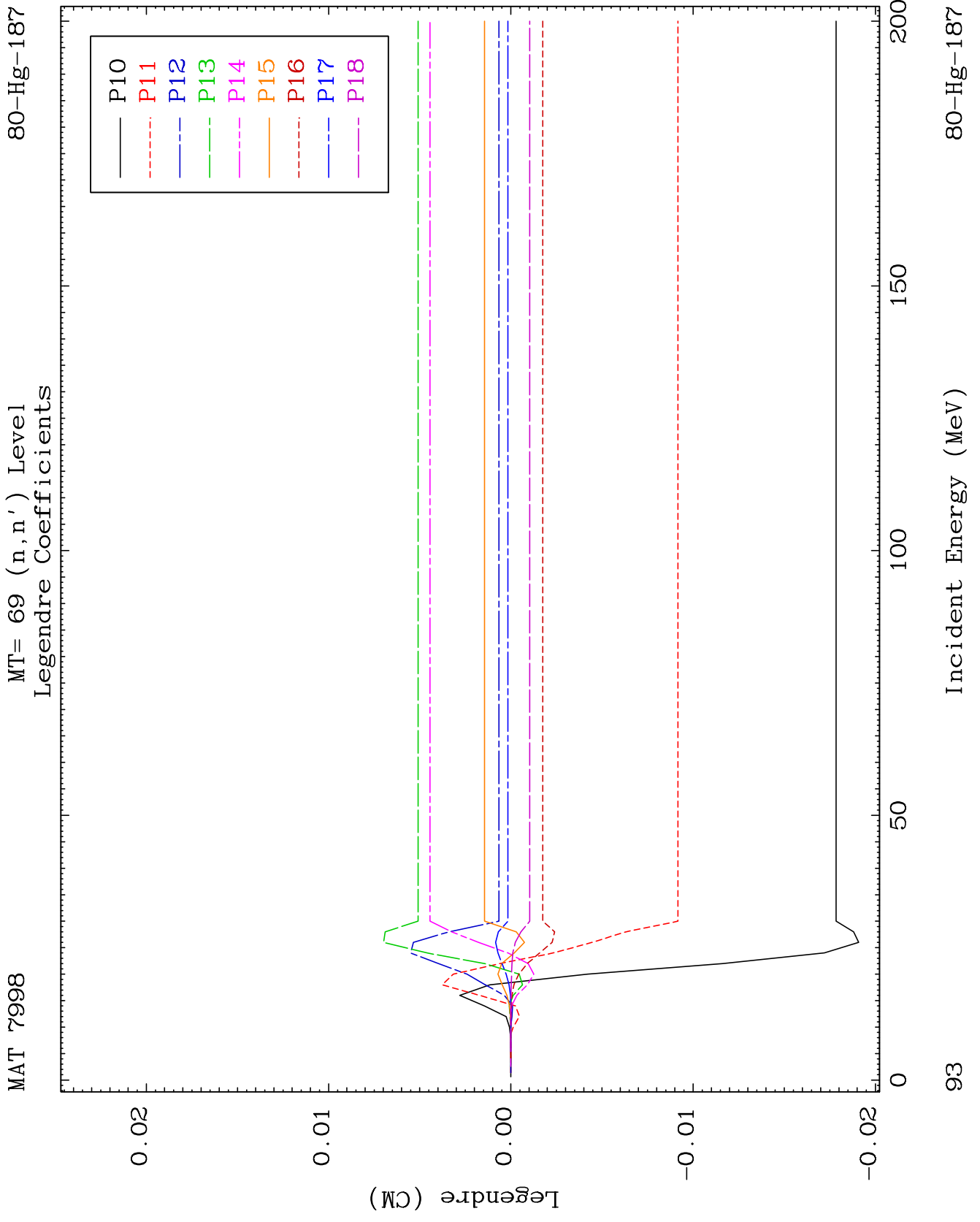
80-Hg-187



80-Hg-187

Incident Energy (MeV)

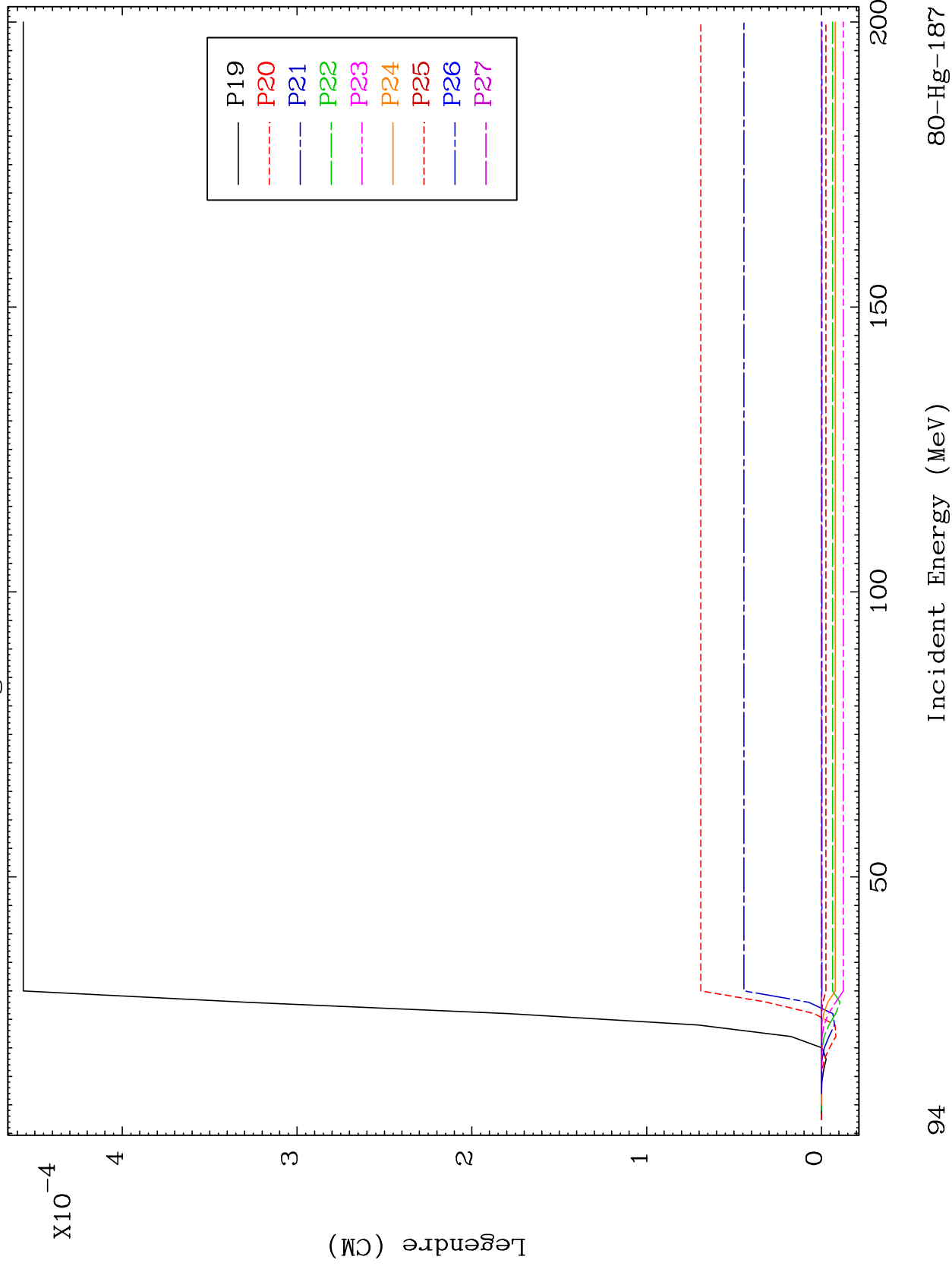
92



MAT 7998

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

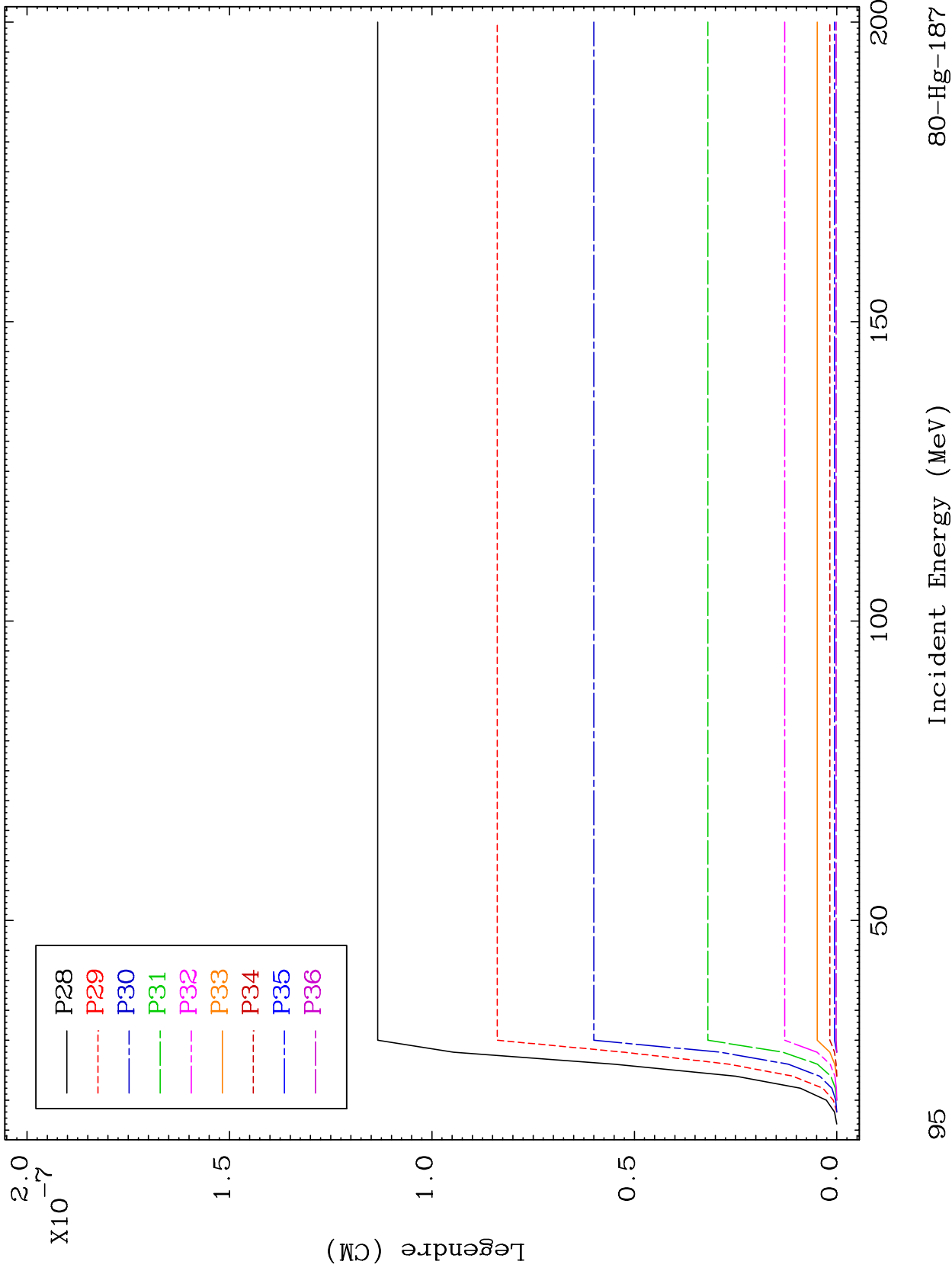
80-Hg-187



MAT 7998

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

80-Hg-187



80-Hg-187

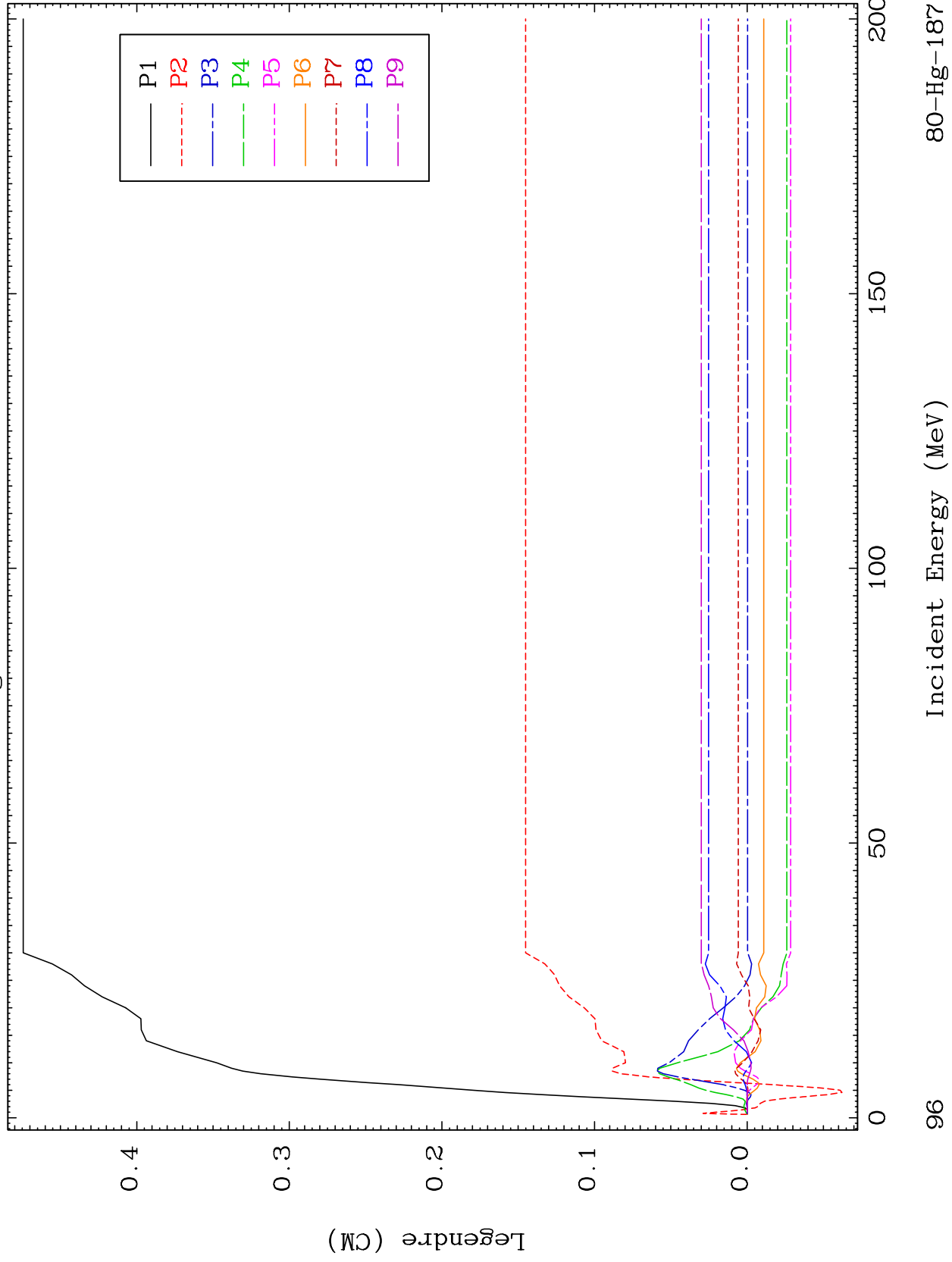
Incident Energy (MeV)

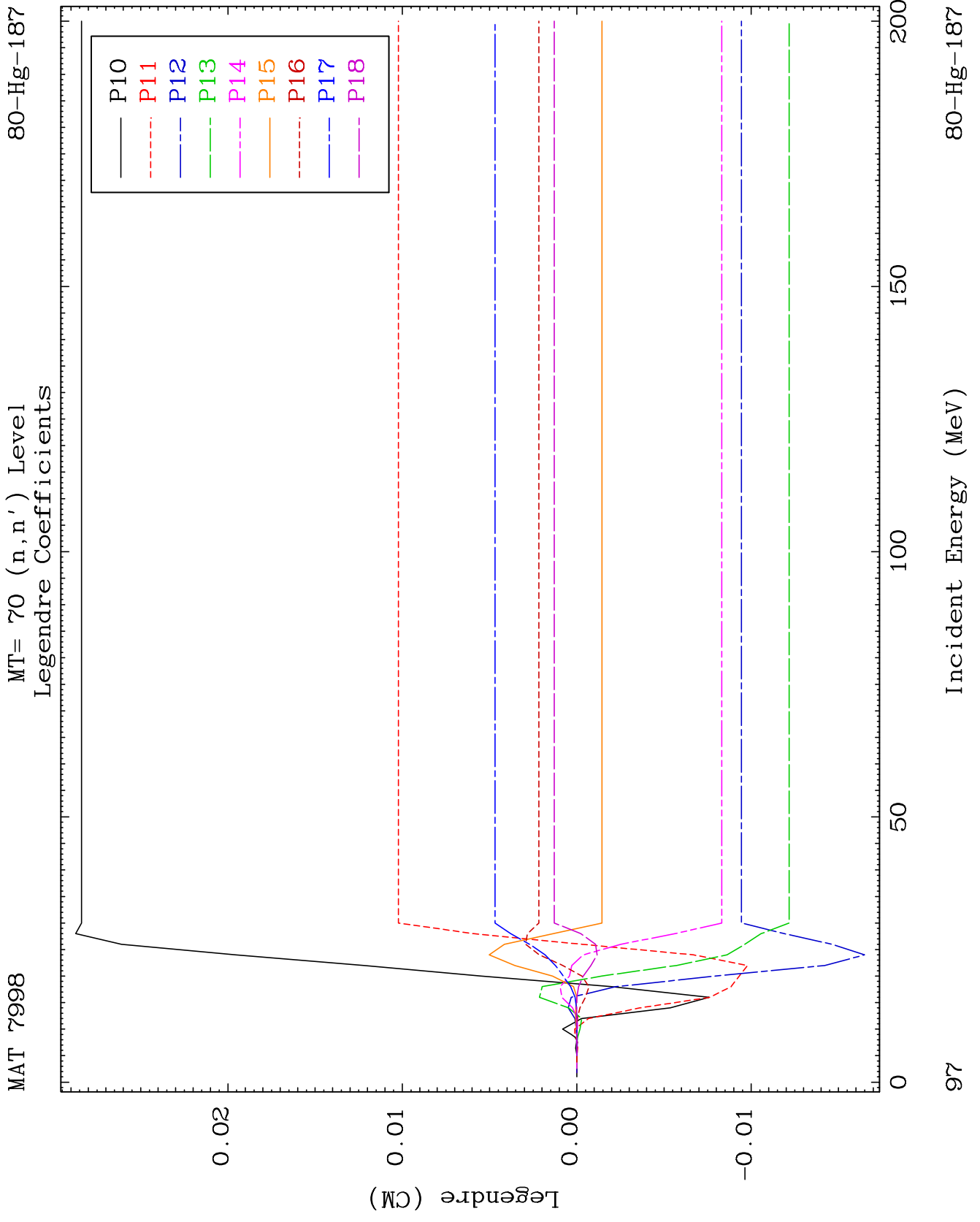
95

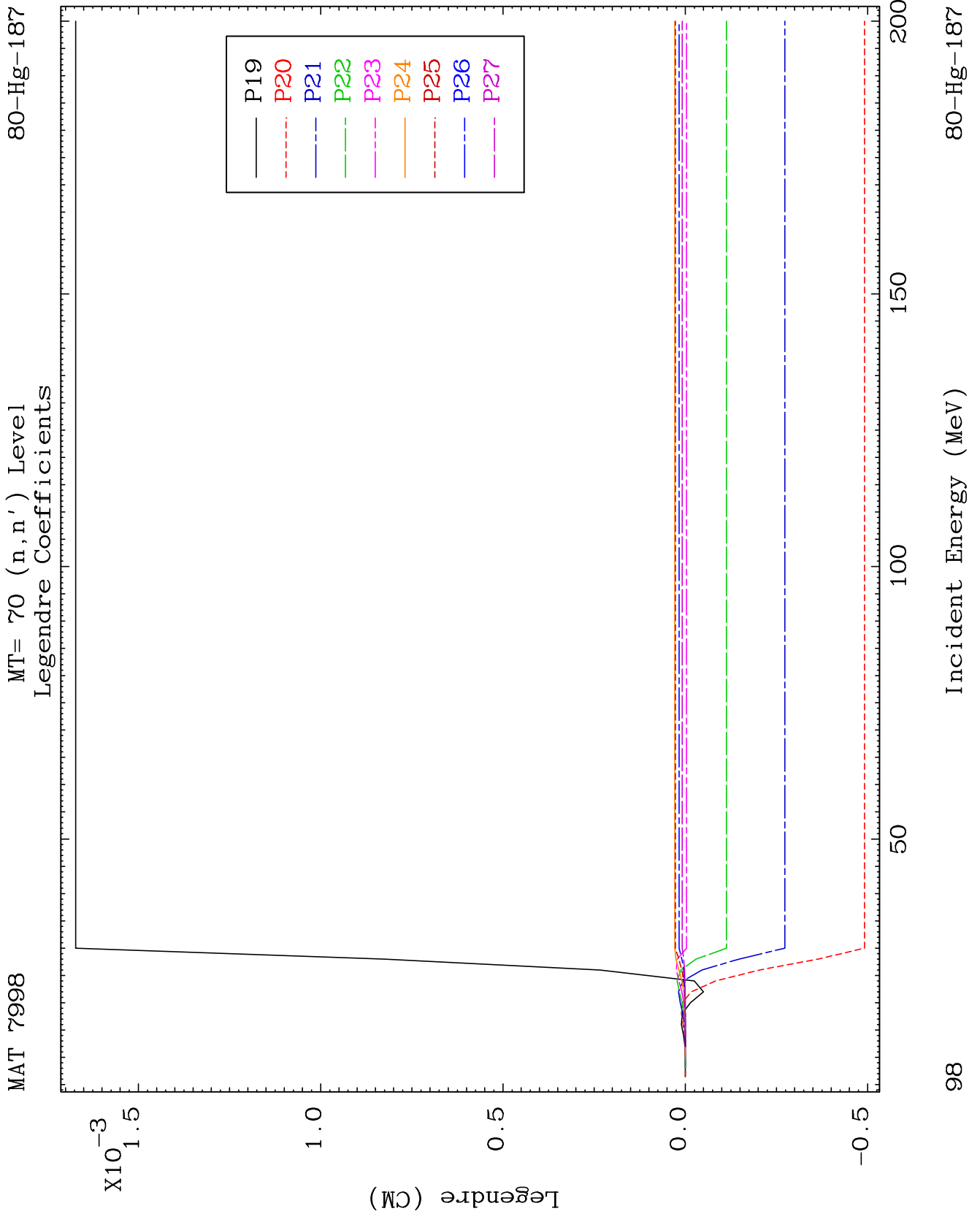
MAT 7998

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

80-Hg-187



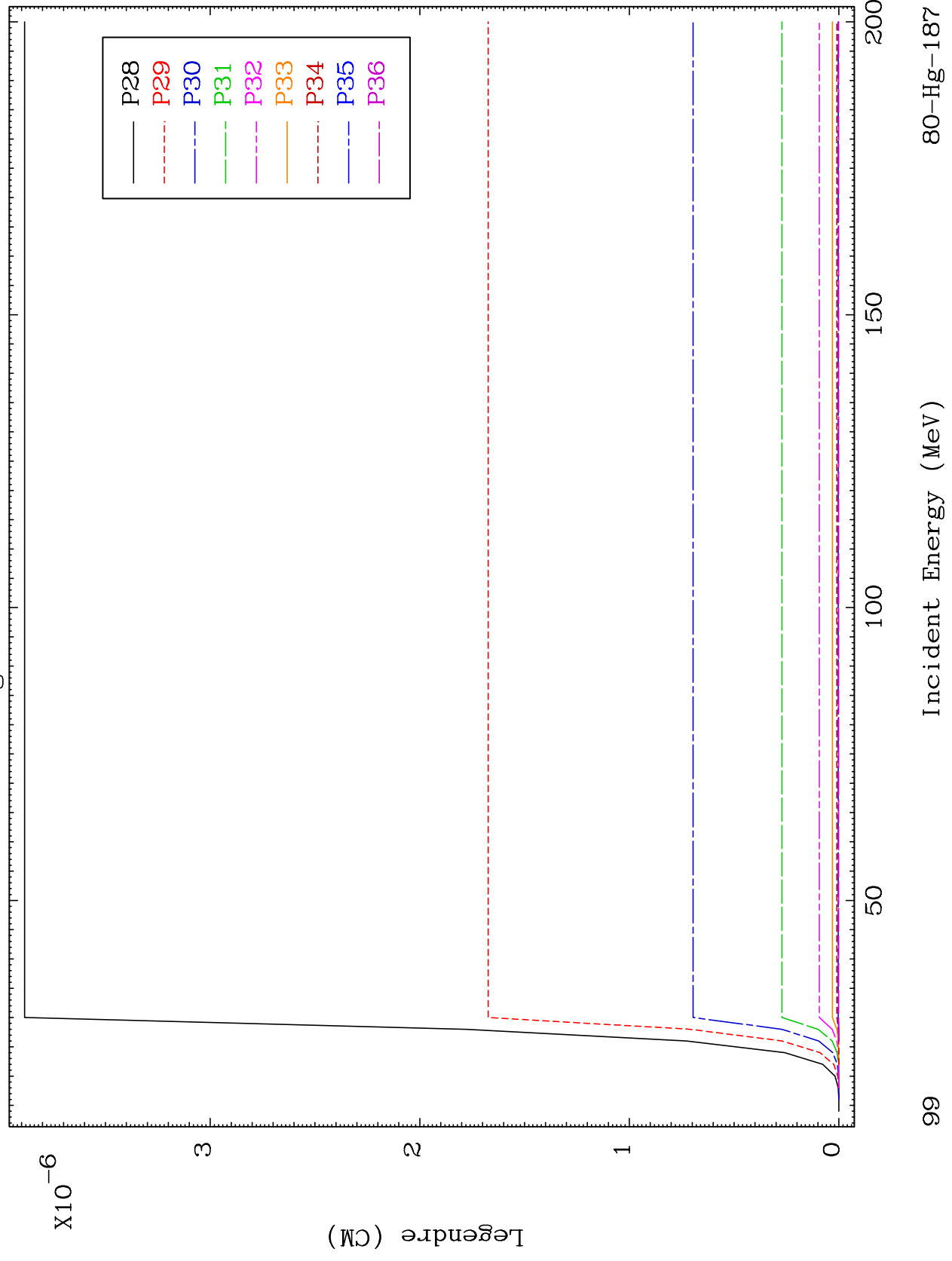




MAT 7998

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

80-Hg-187



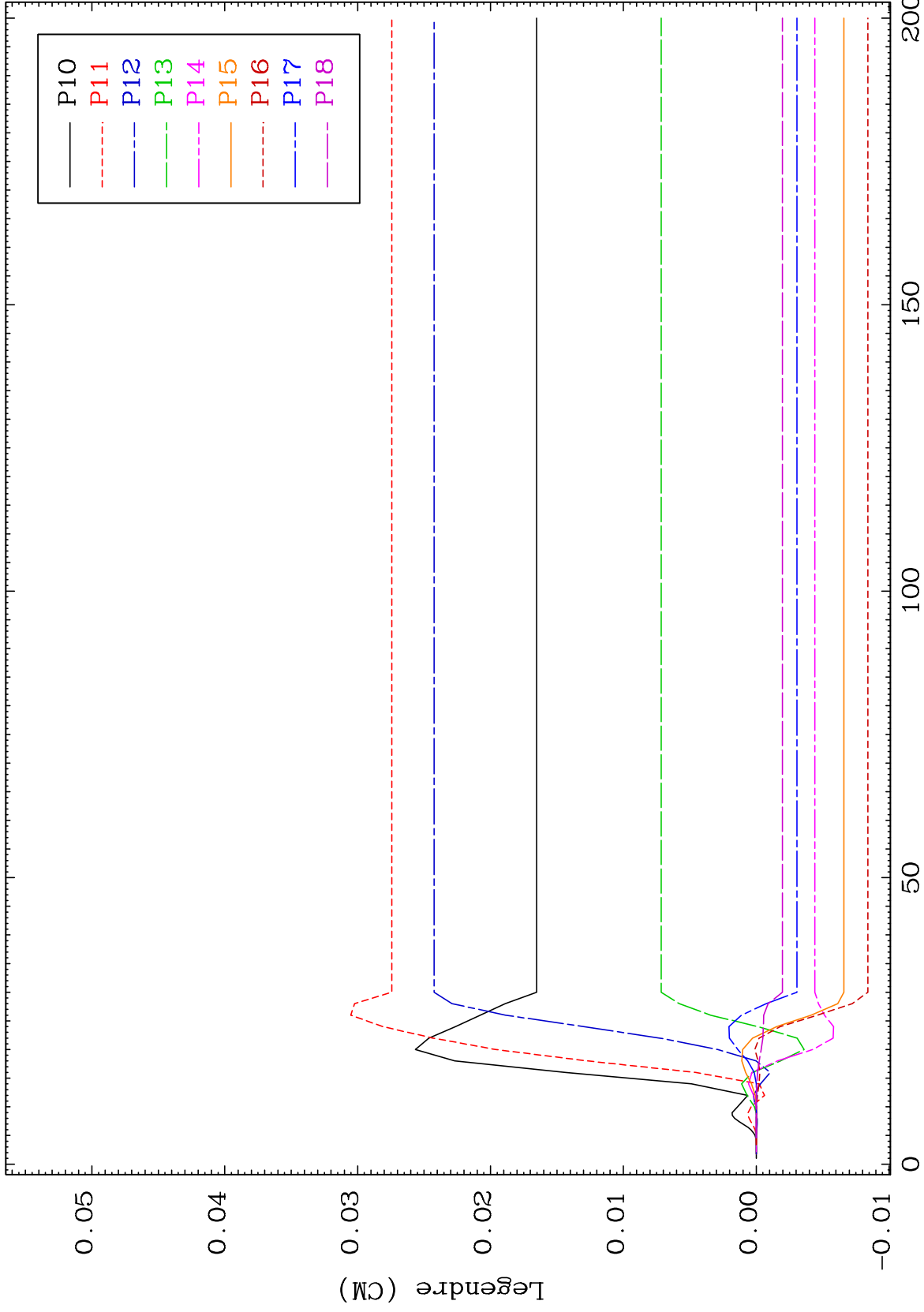
99

80-Hg-187

MAT 7998

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

80-Hg-187



80-Hg-187

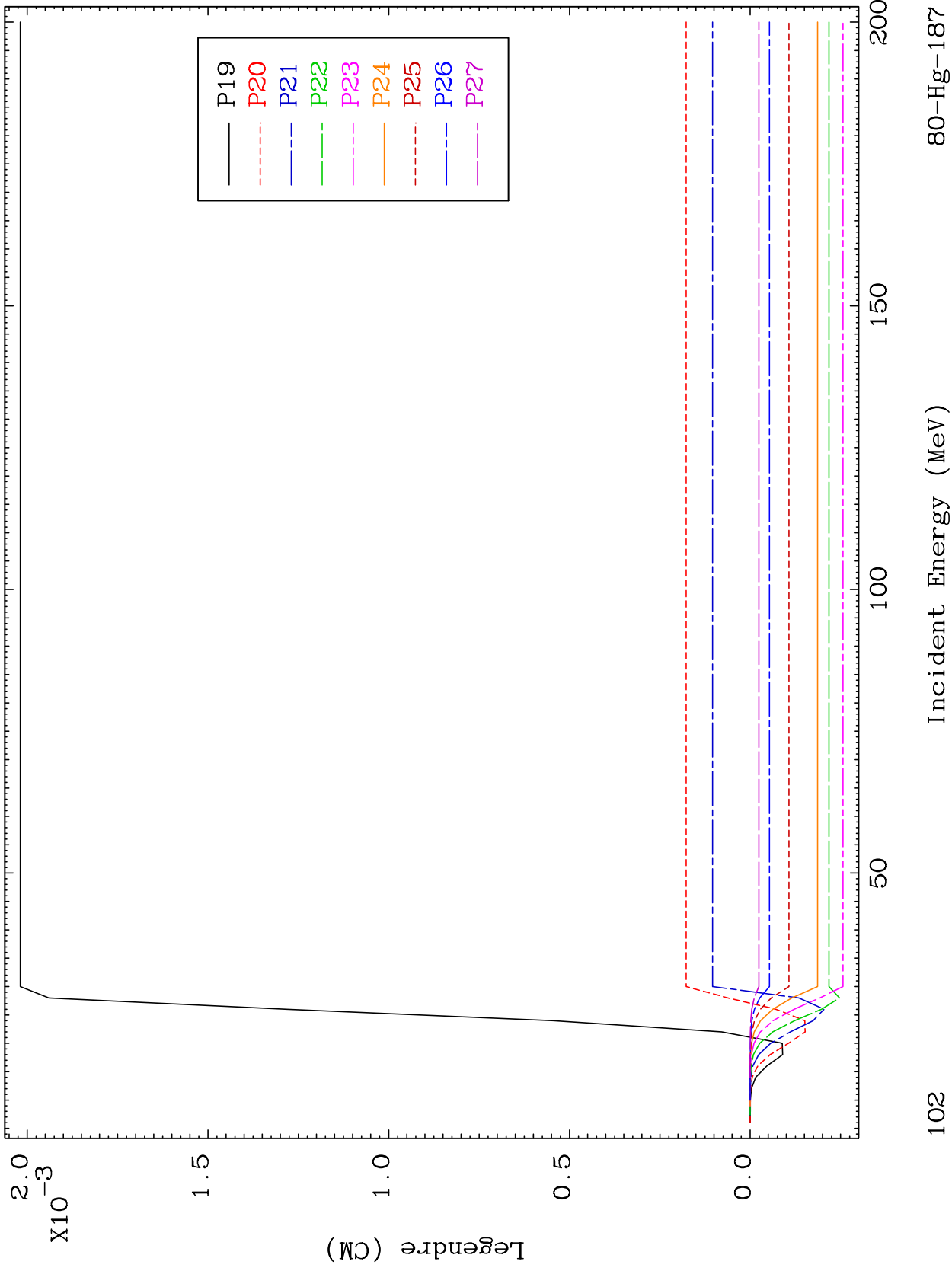
Incident Energy (MeV)

101

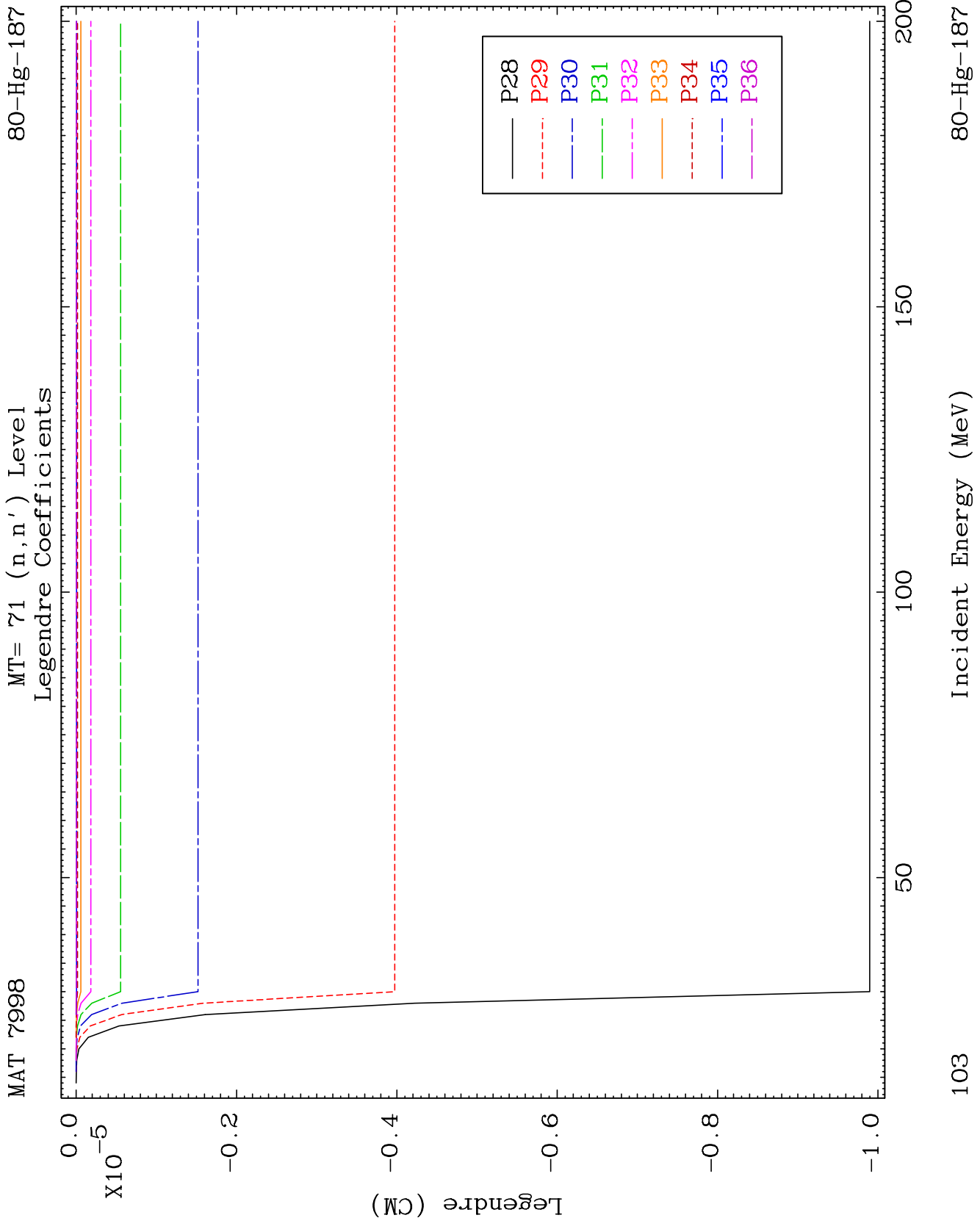
MAT 7998

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

80-Hg-187



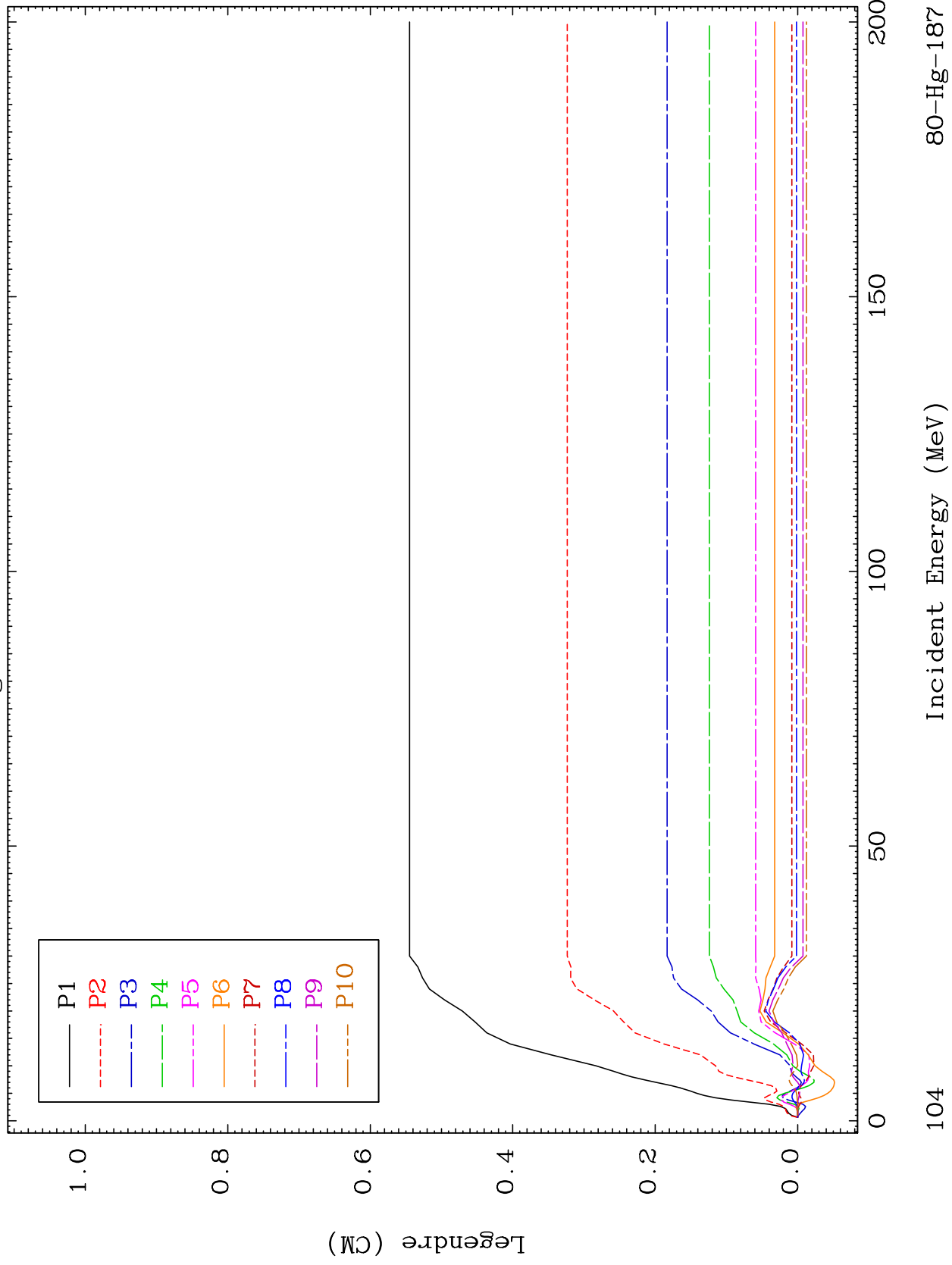
102



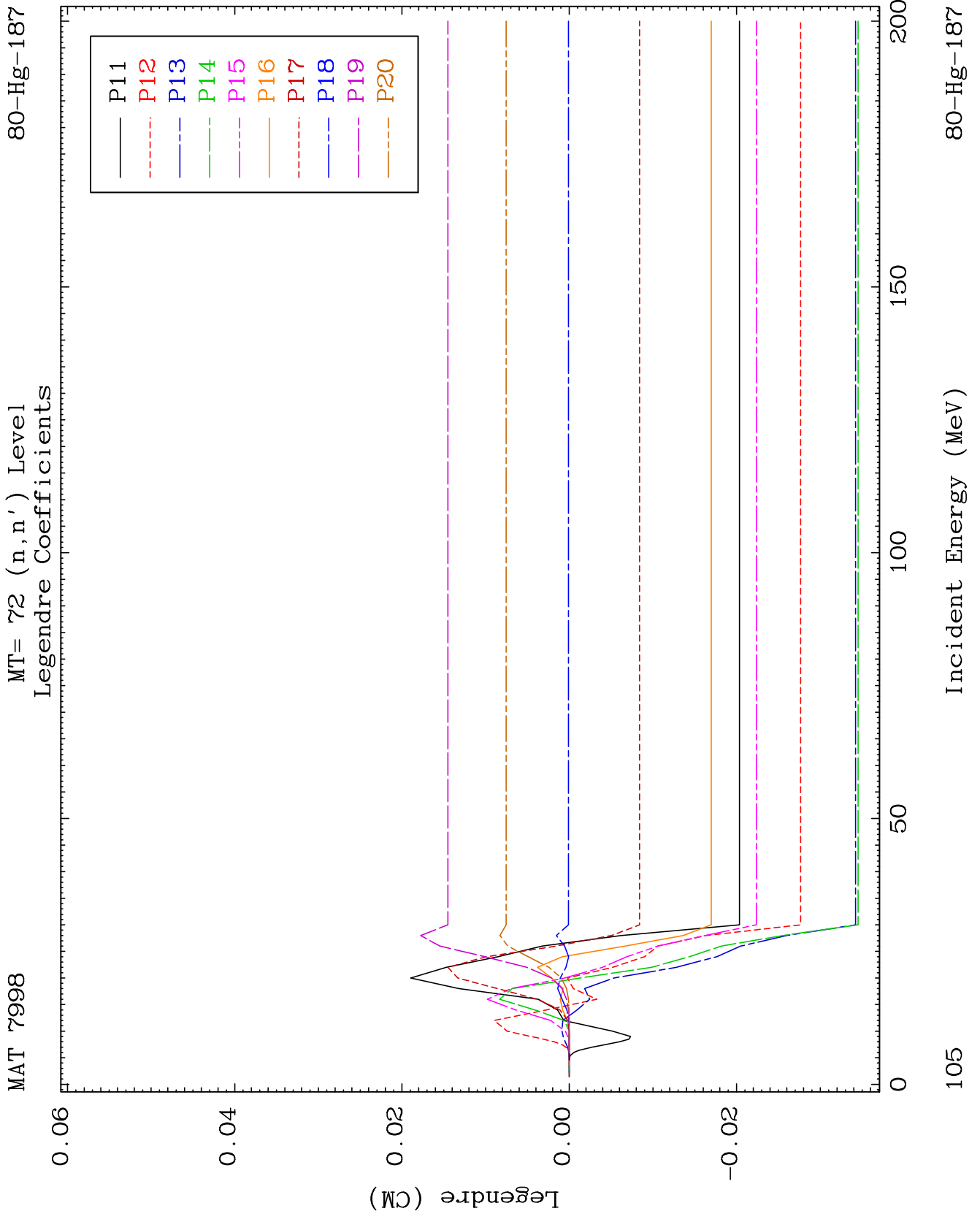
MAT 7998

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

80-Hg-187



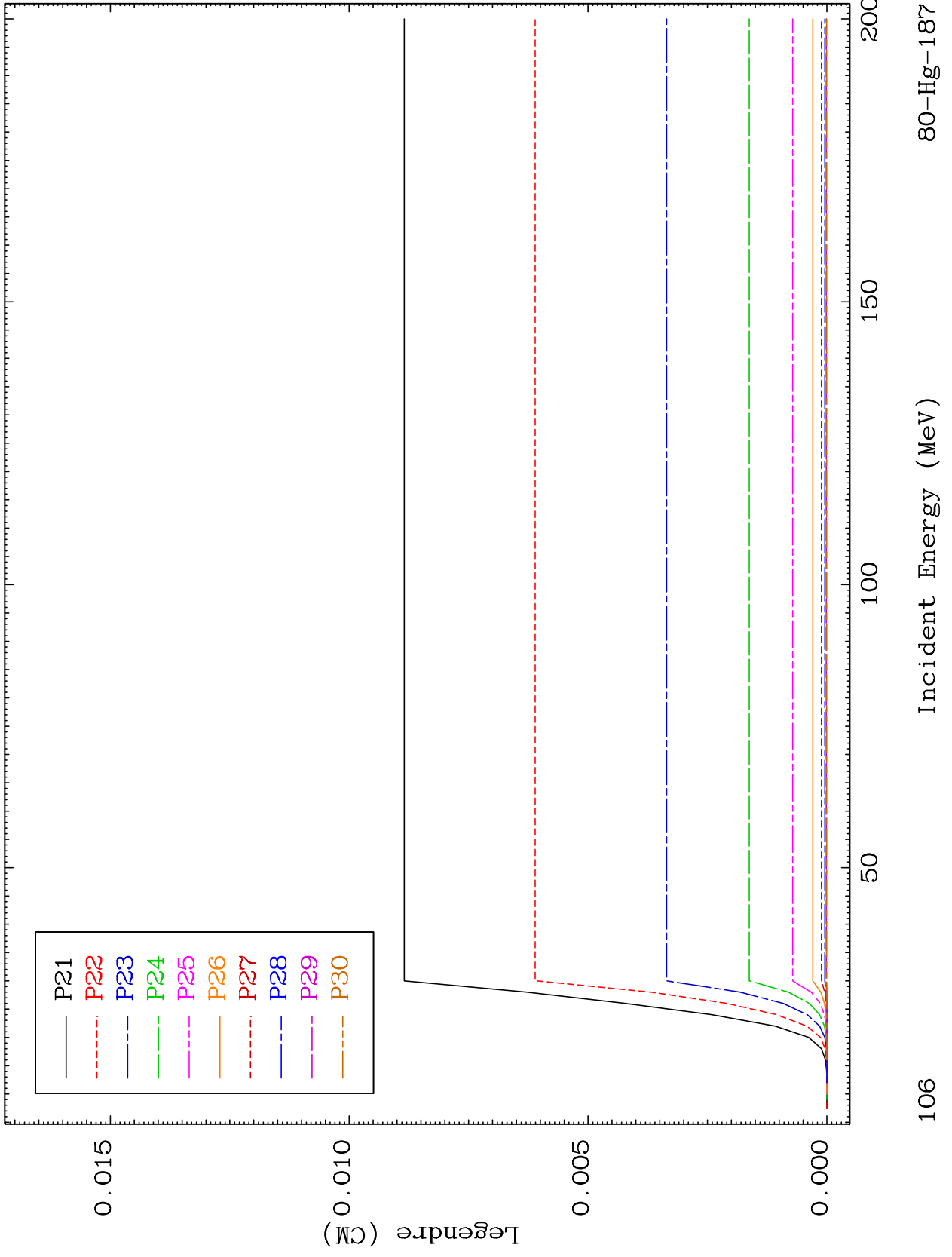
104



MAT 7998

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

80-Hg-187



106

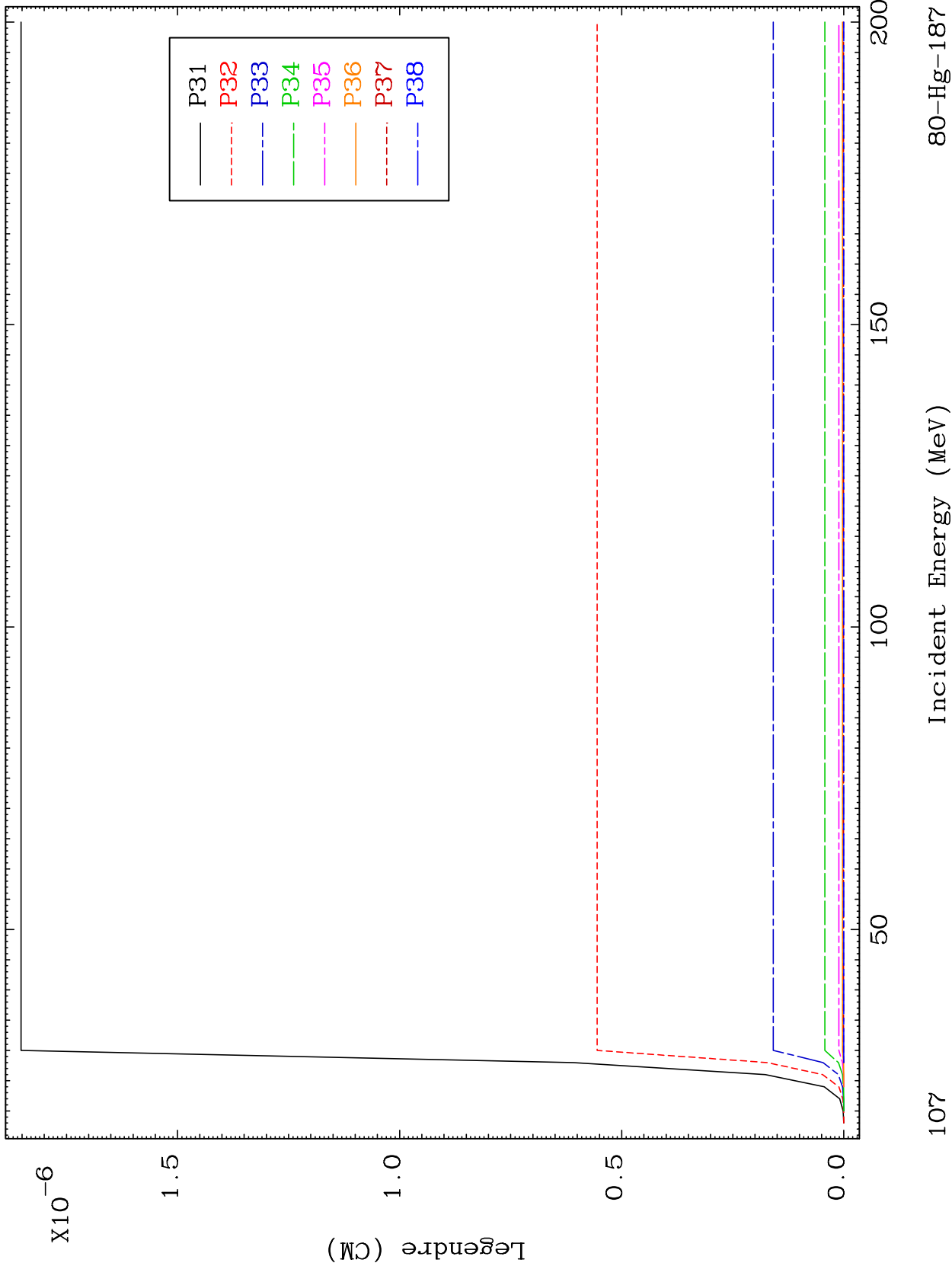
Incident Energy (MeV)

80-Hg-187

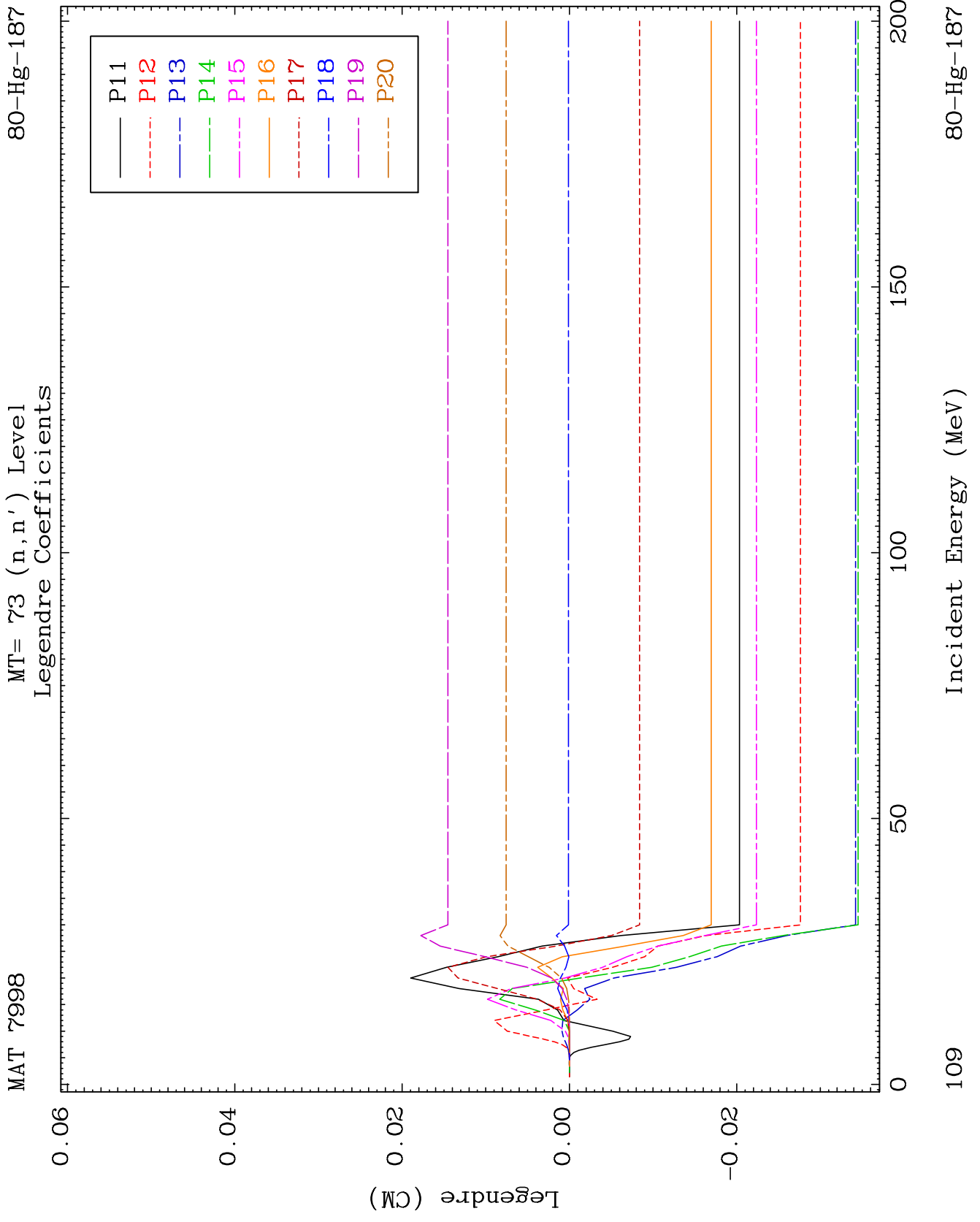
MAT 7998

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

80-Hg-187



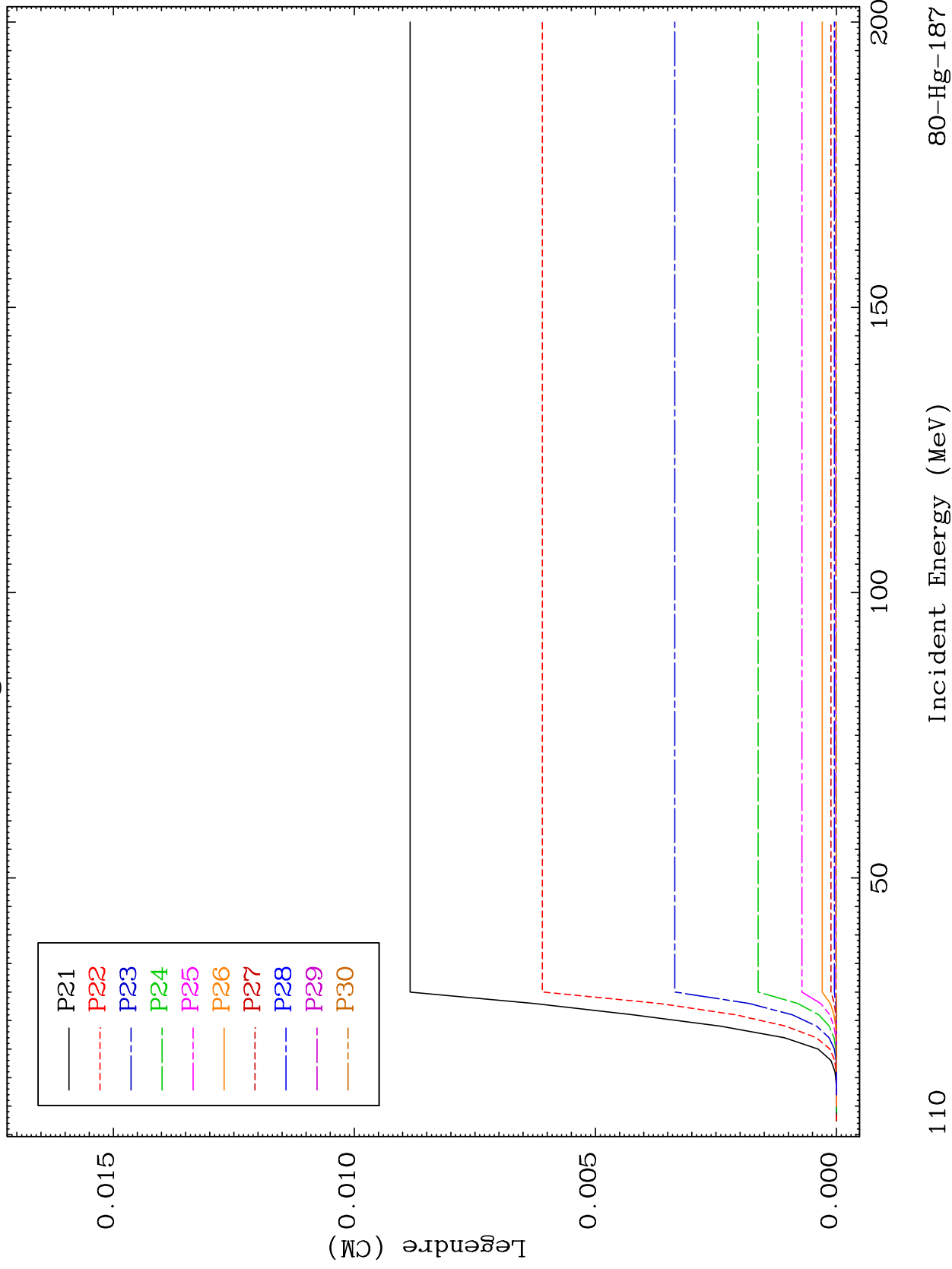
107



MAT 7998

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

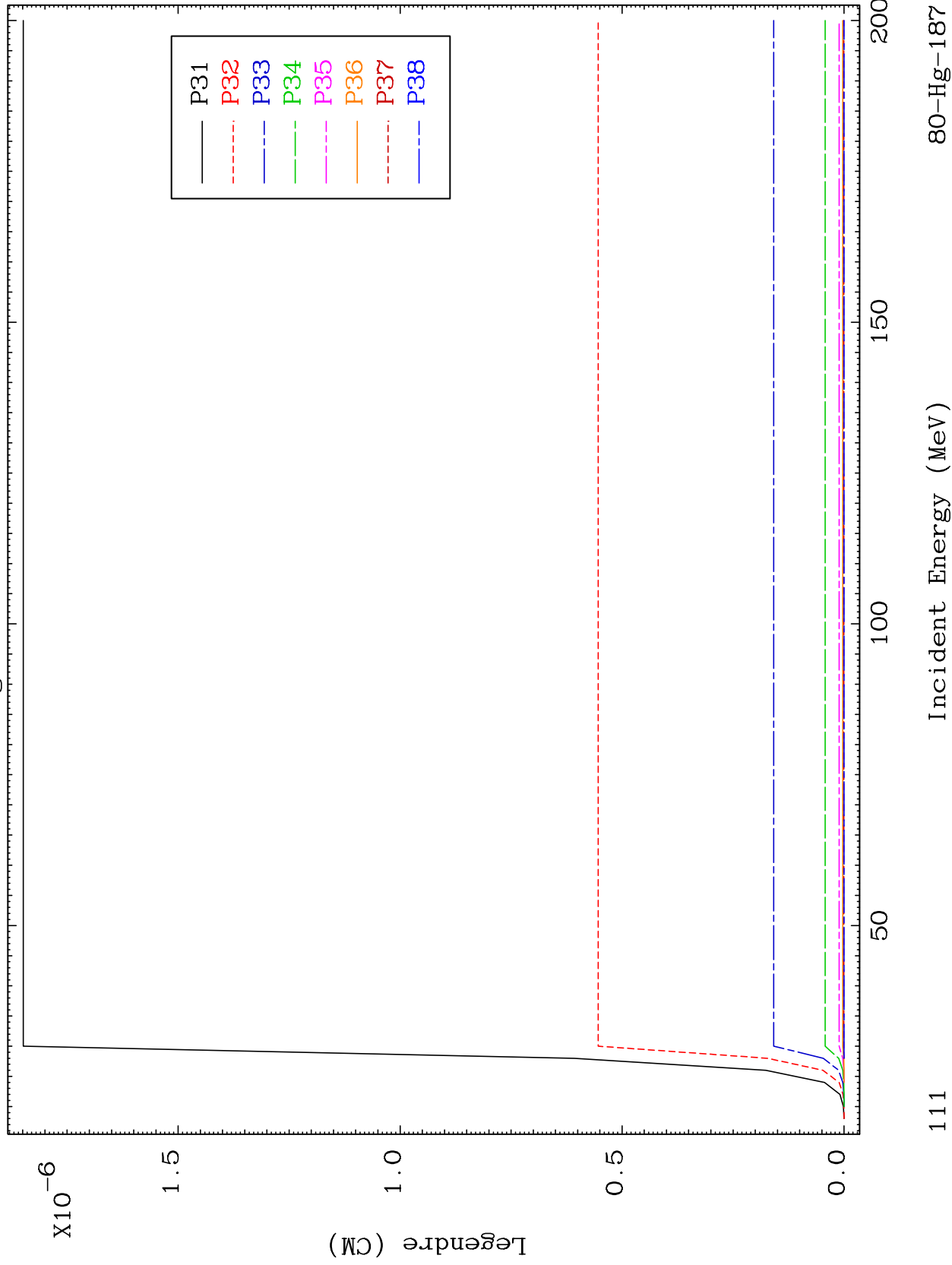
80-Hg-187



MAT 7998

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

80-Hg-187

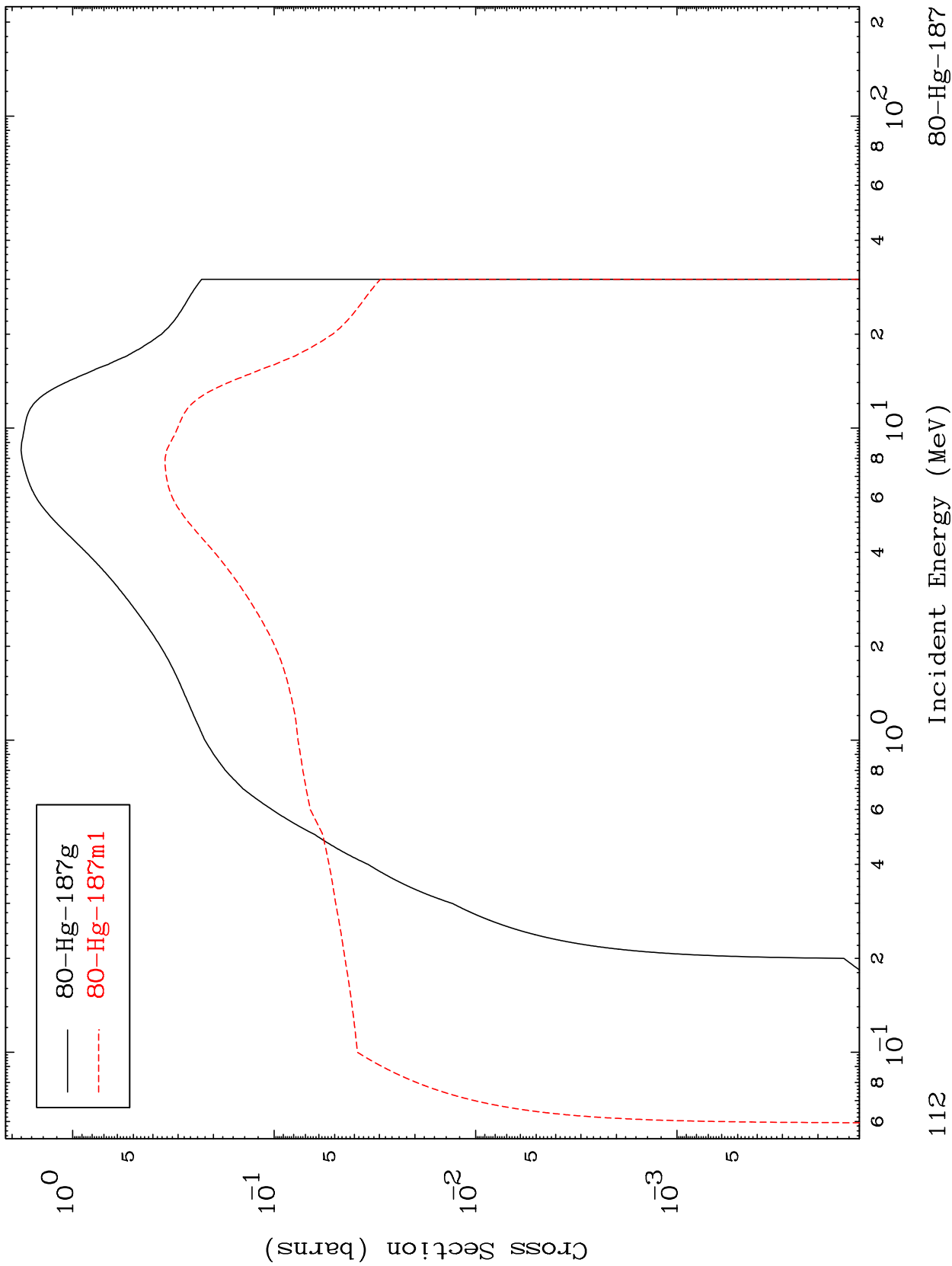


111

MAT 7998

80-Hg-187

Radionuclide Production Cross Section



112

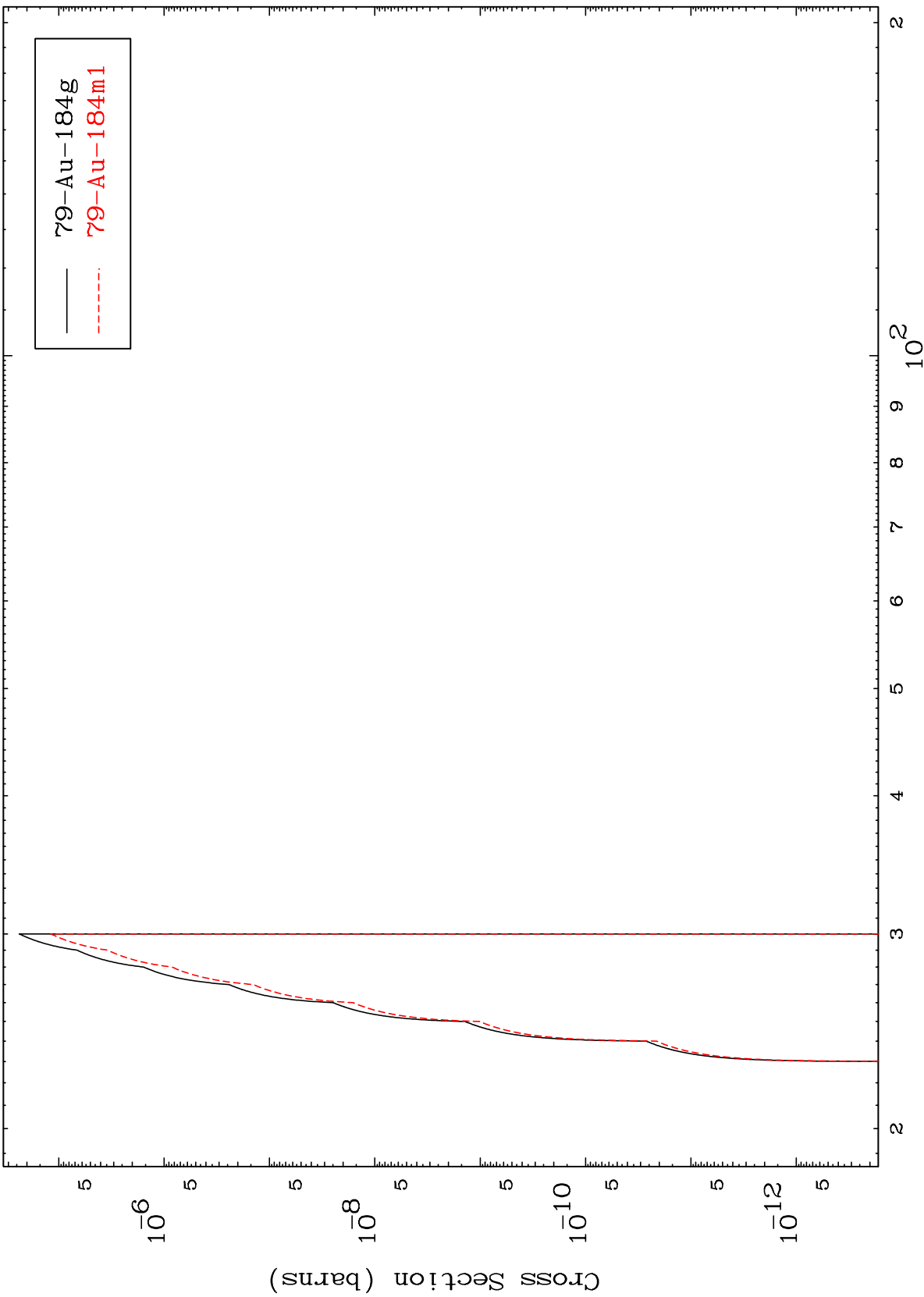
80-Hg-187

MAT 7998

(n,2n) d

80-Hg-187

Radionuclide Production Cross Section



113

Incident Energy (MeV)

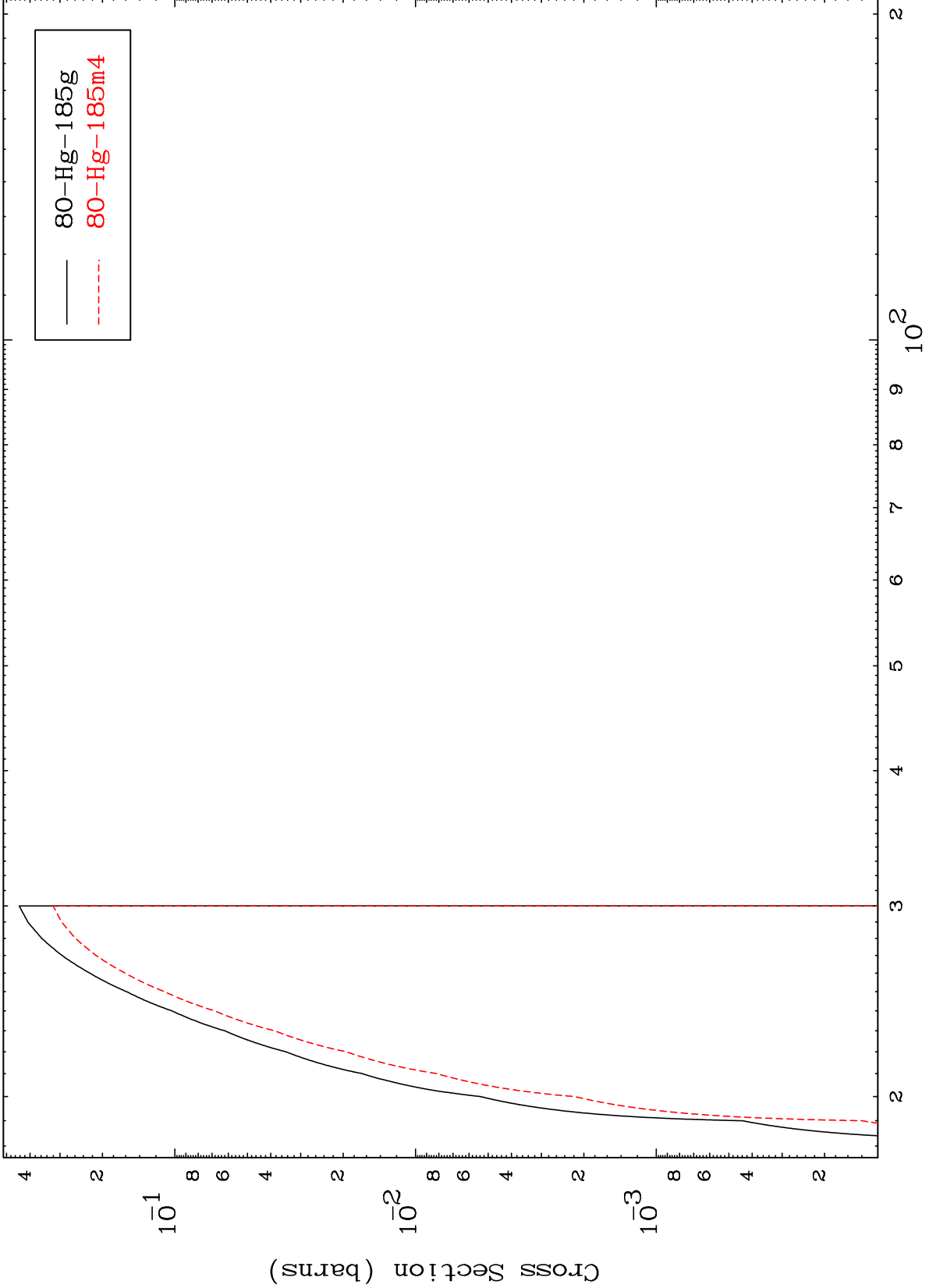
80-Hg-187

MAT 7998

(n,3n)

80-Hg-187

Radionuclide Production Cross Section



80-Hg-185g
80-Hg-185m4

114

Incident Energy (MeV)

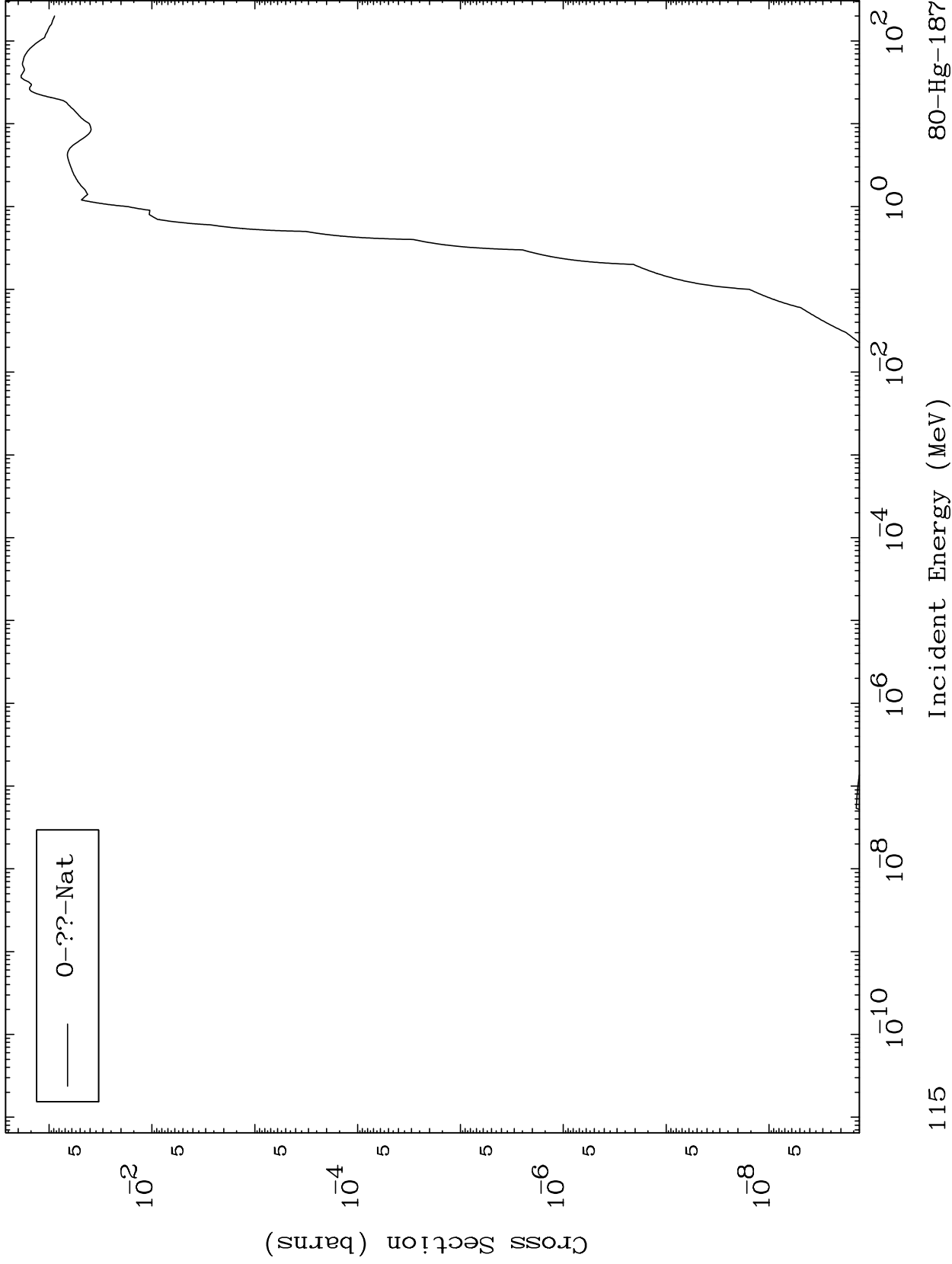
80-Hg-187

MAT 7998

Fission

80-Hg-187

Radionuclide Production Cross Section

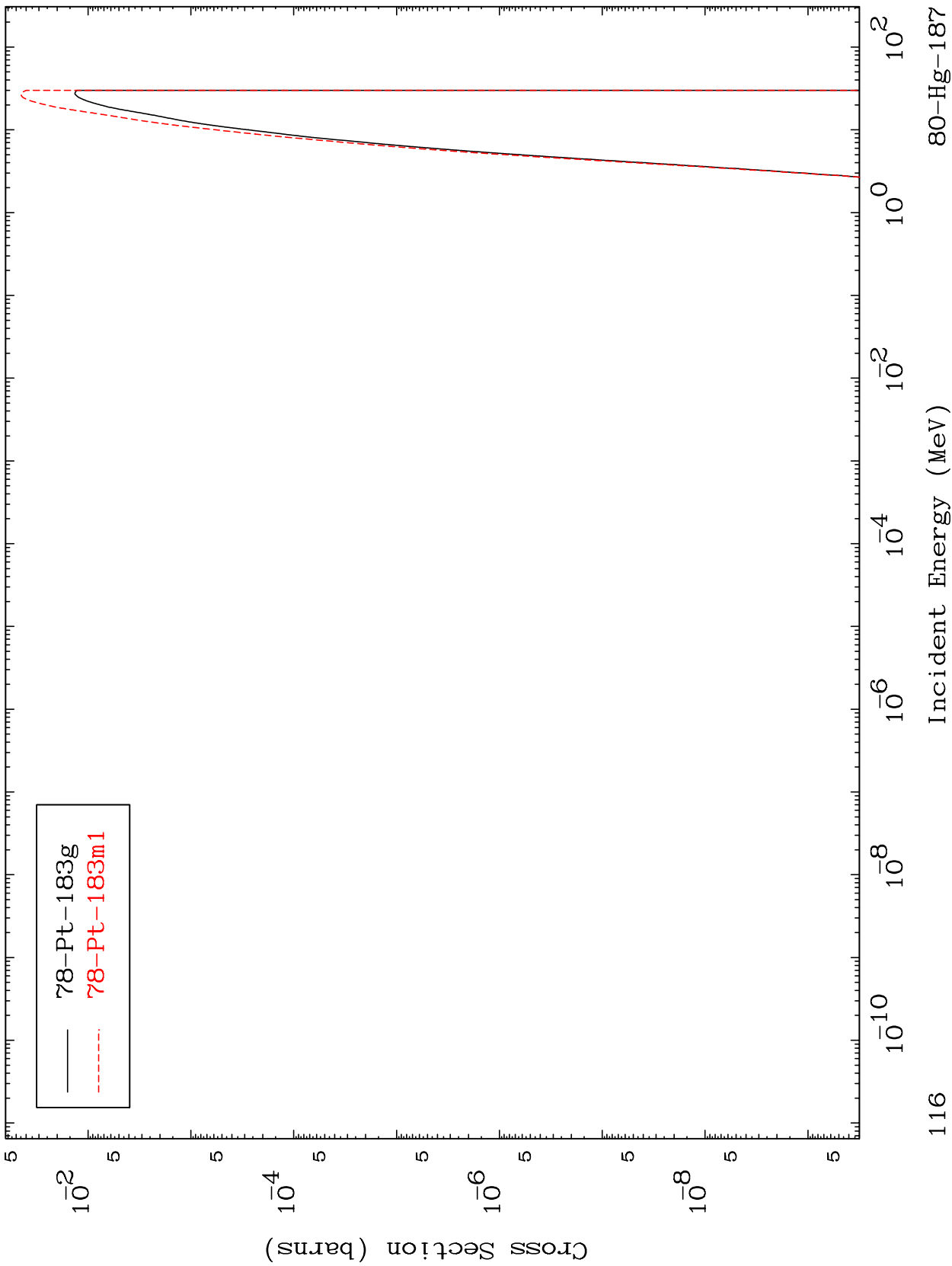


MAT 7998

(n, n') α

80-Hg-187

Radionuclide Production Cross Section



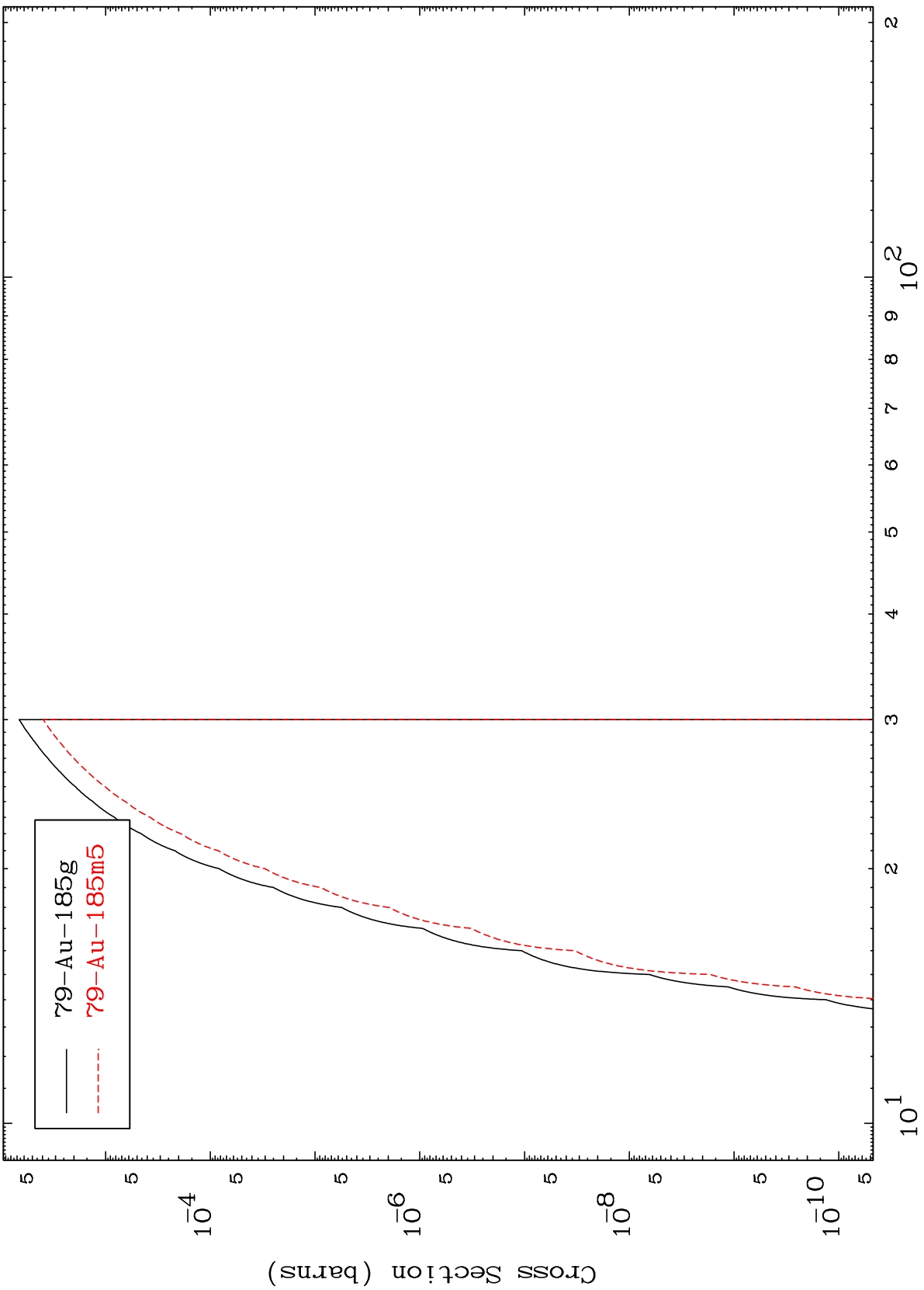
78-Pt-183g
78-Pt-183m1

MAT 7998

(n,n') d

80-Hg-187

Radionuclide Production Cross Section

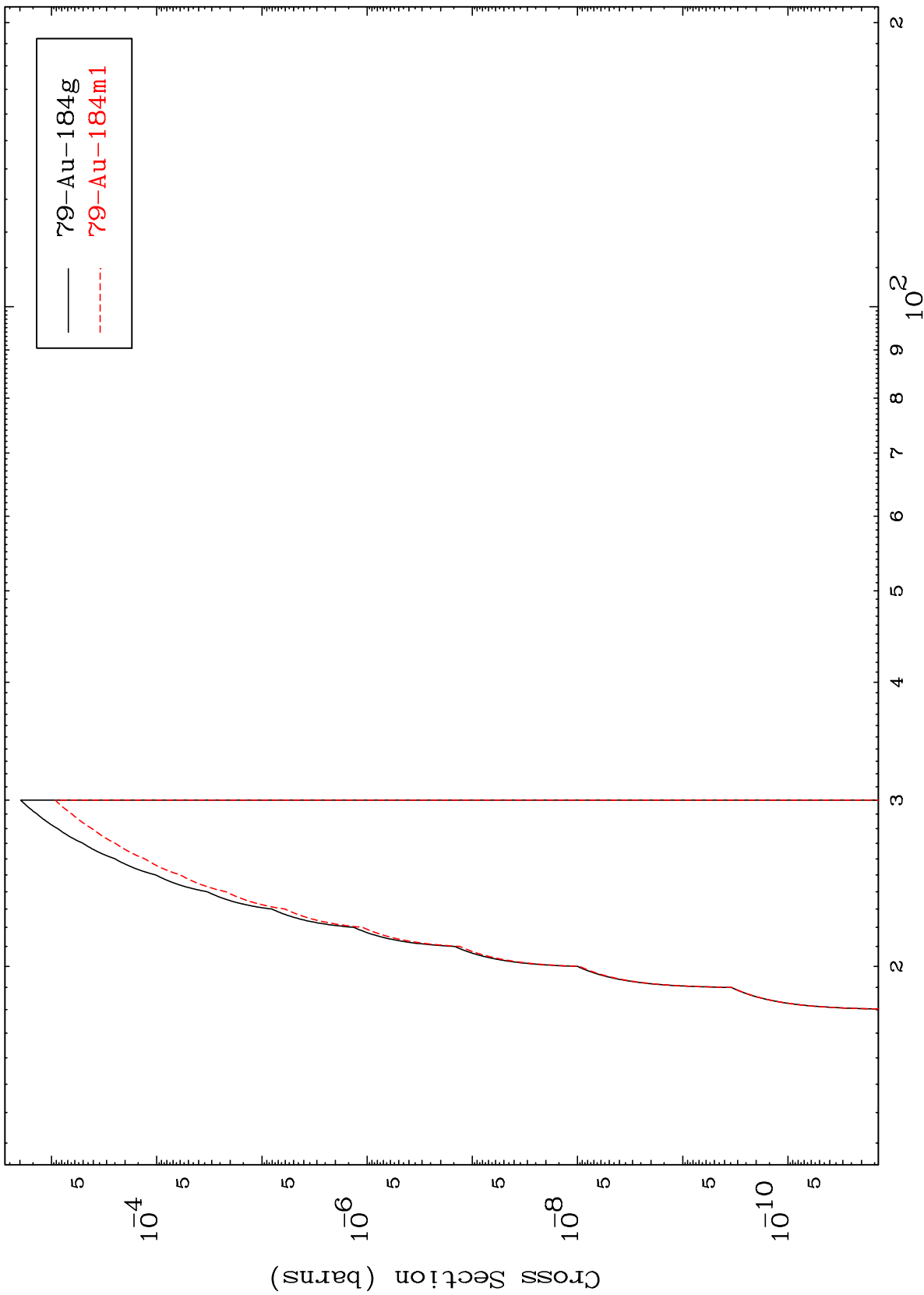


Incident Energy (MeV)

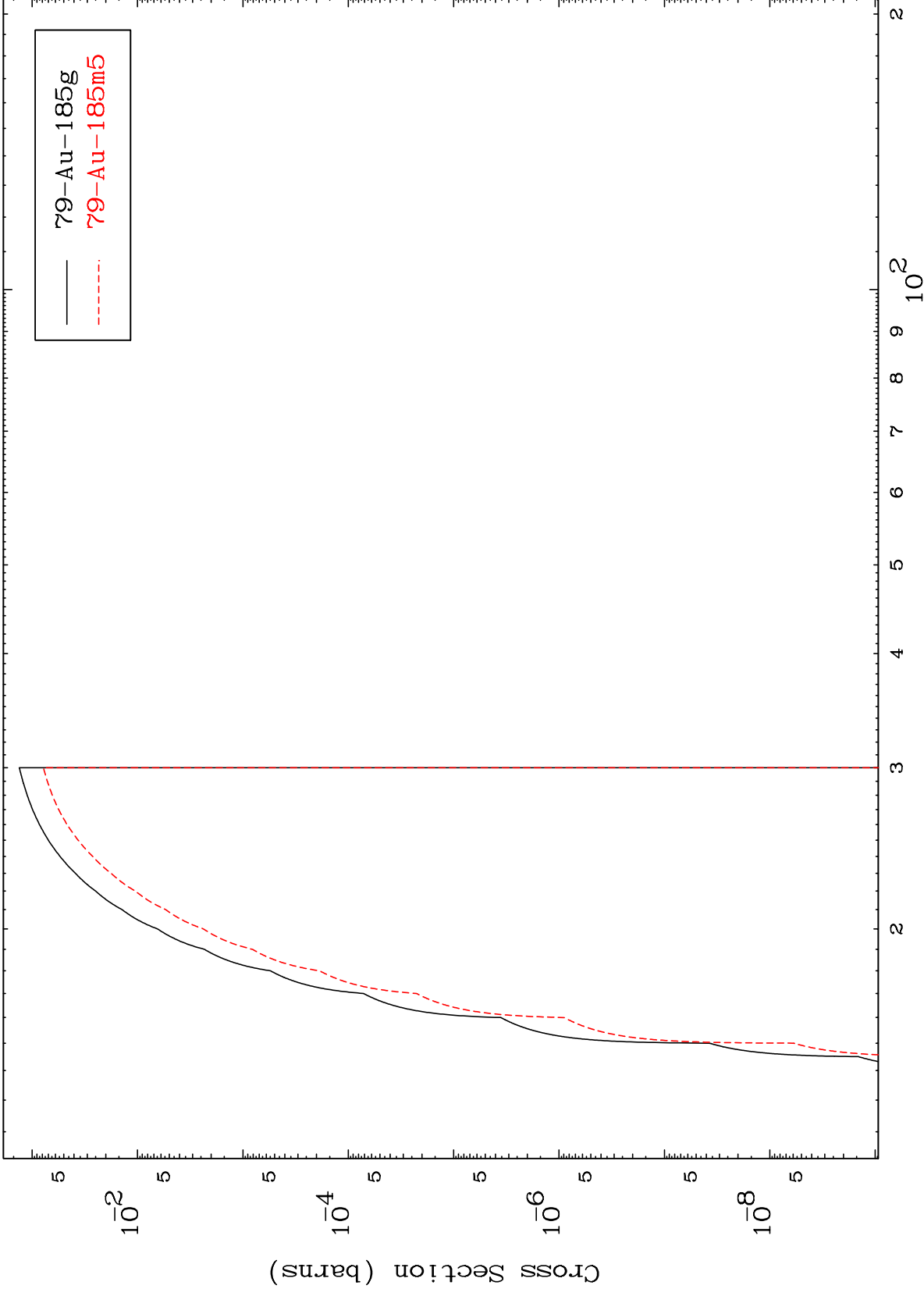
80-Hg-187

117

Radionuclide Production Cross Section



Radionuclide Production Cross Section

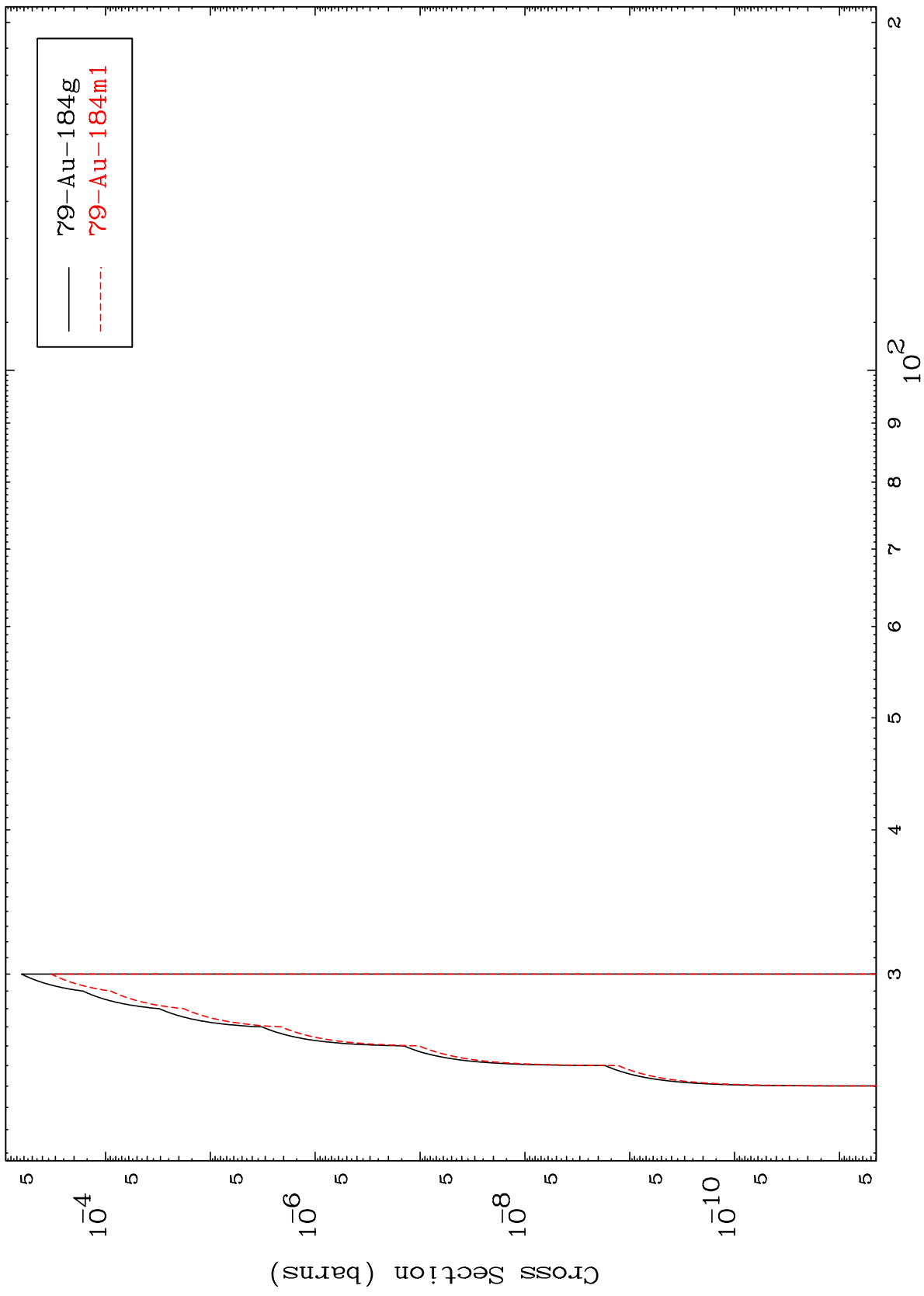


MAT 7998

(n,3n) p

80-Hg-187

Radionuclide Production Cross Section



120

Incident Energy (MeV)

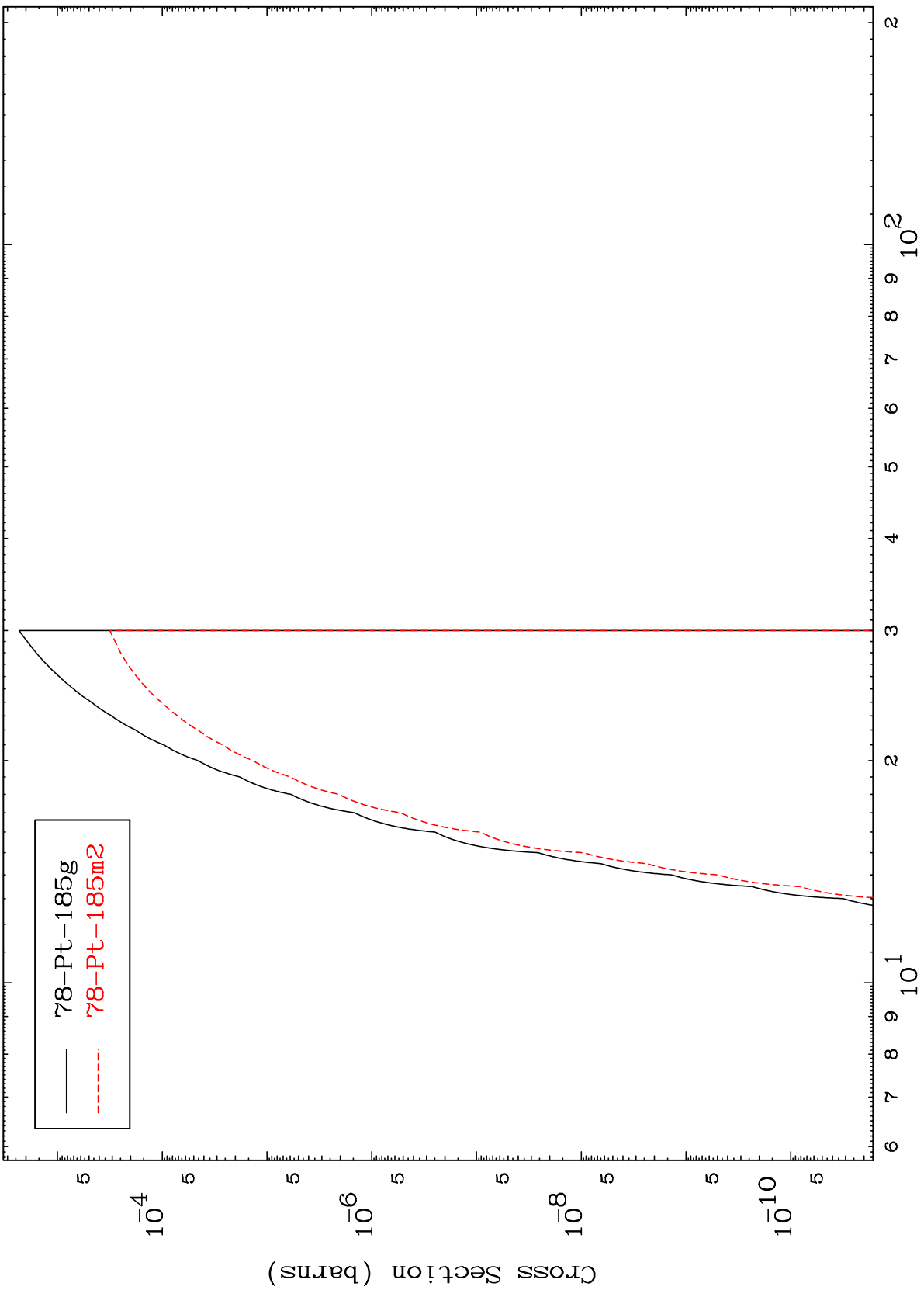
80-Hg-187

MAT 7998

(n,2n) p

80-Hg-187

Radionuclide Production Cross Section



121

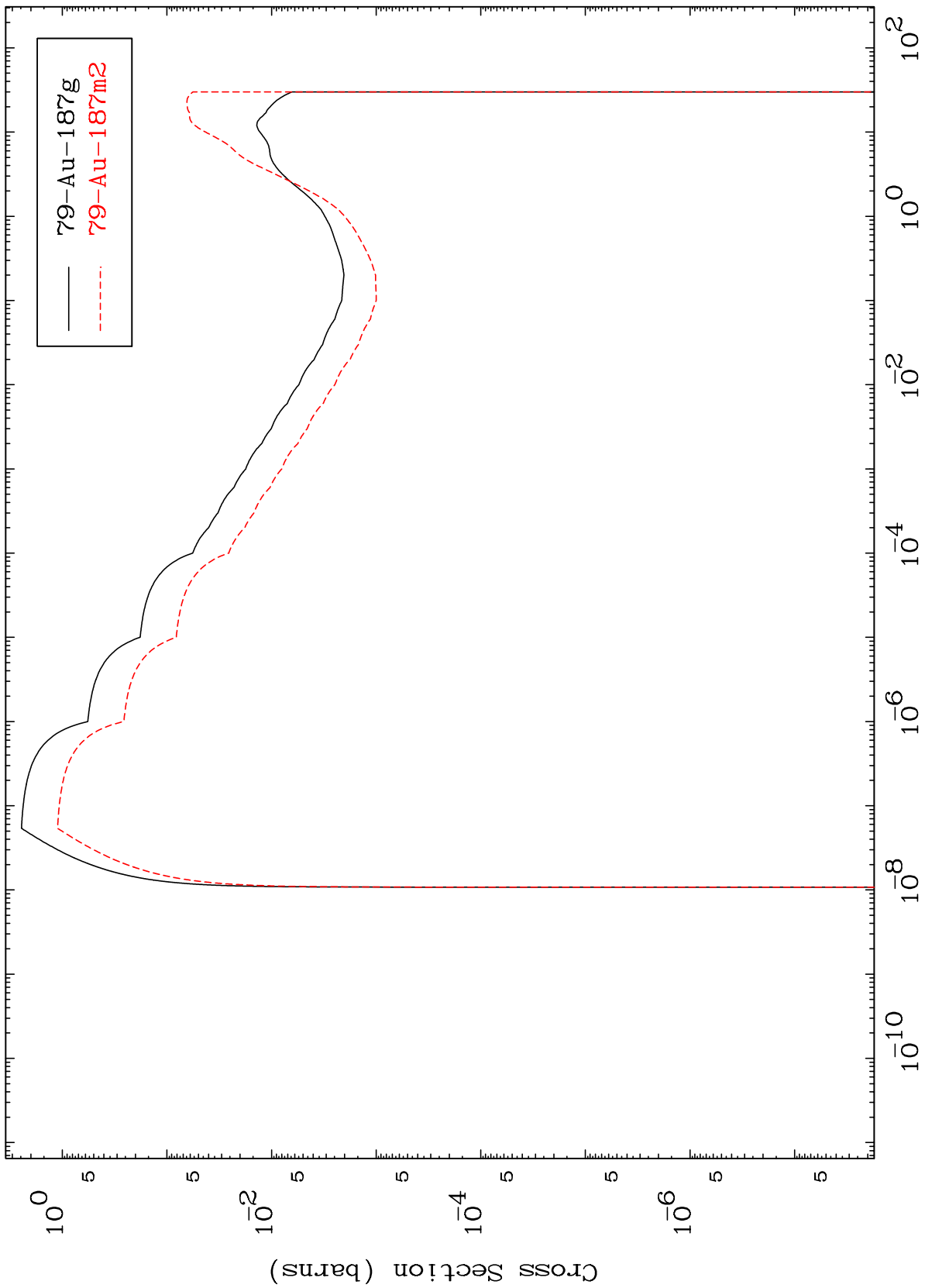
Incident Energy (MeV)

80-Hg-187

MAT 7998

80-Hg-187

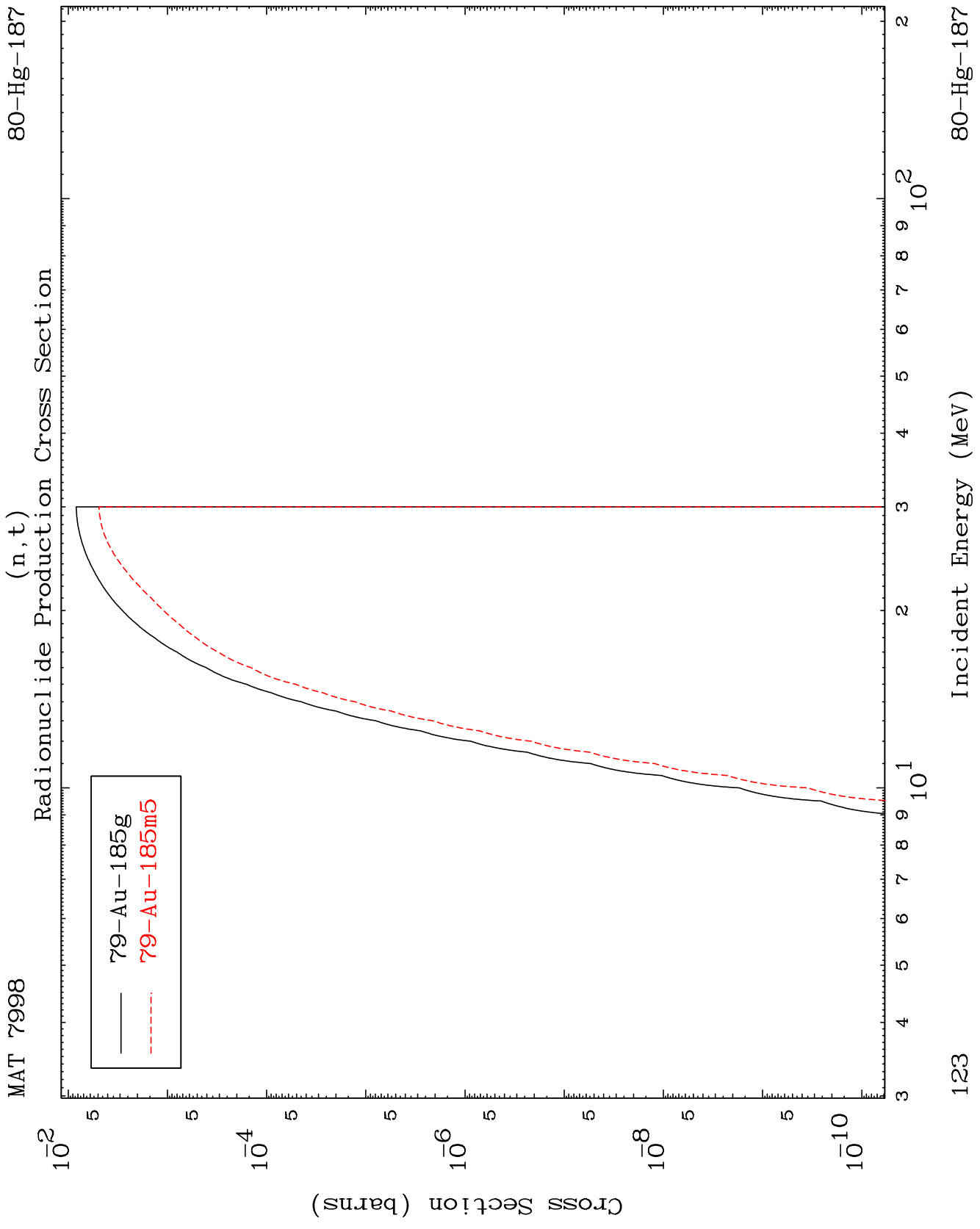
(n,p)
Radionuclide Production Cross Section



122

80-Hg-187

Incident Energy (MeV)

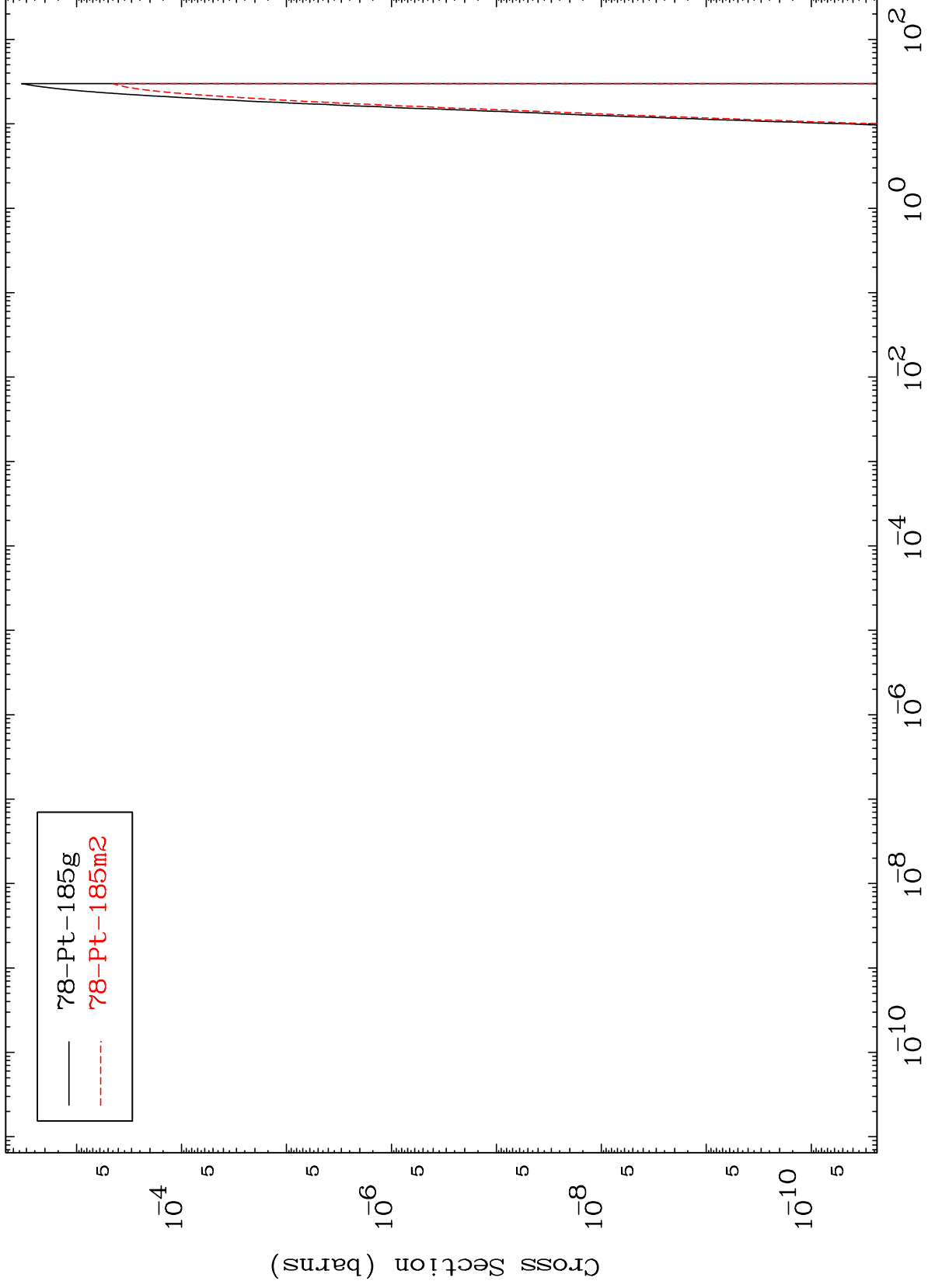


MAT 7998

(n,He-3)

80-Hg-187

Radionuclide Production Cross Section

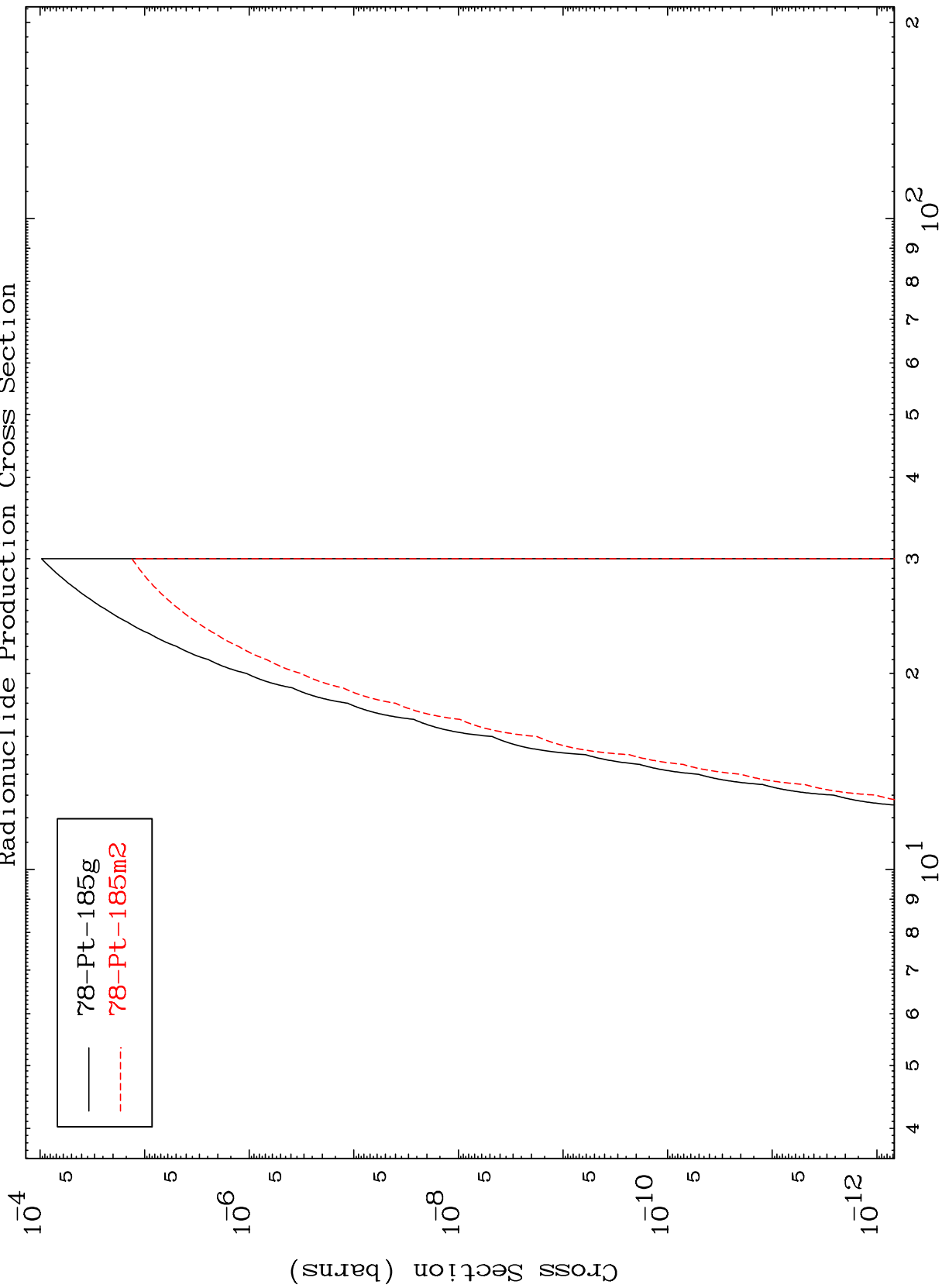


MAT 7998

(n,p) d

80-Hg-187

Radionuclide Production Cross Section



125

Incident Energy (MeV)

80-Hg-187