

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

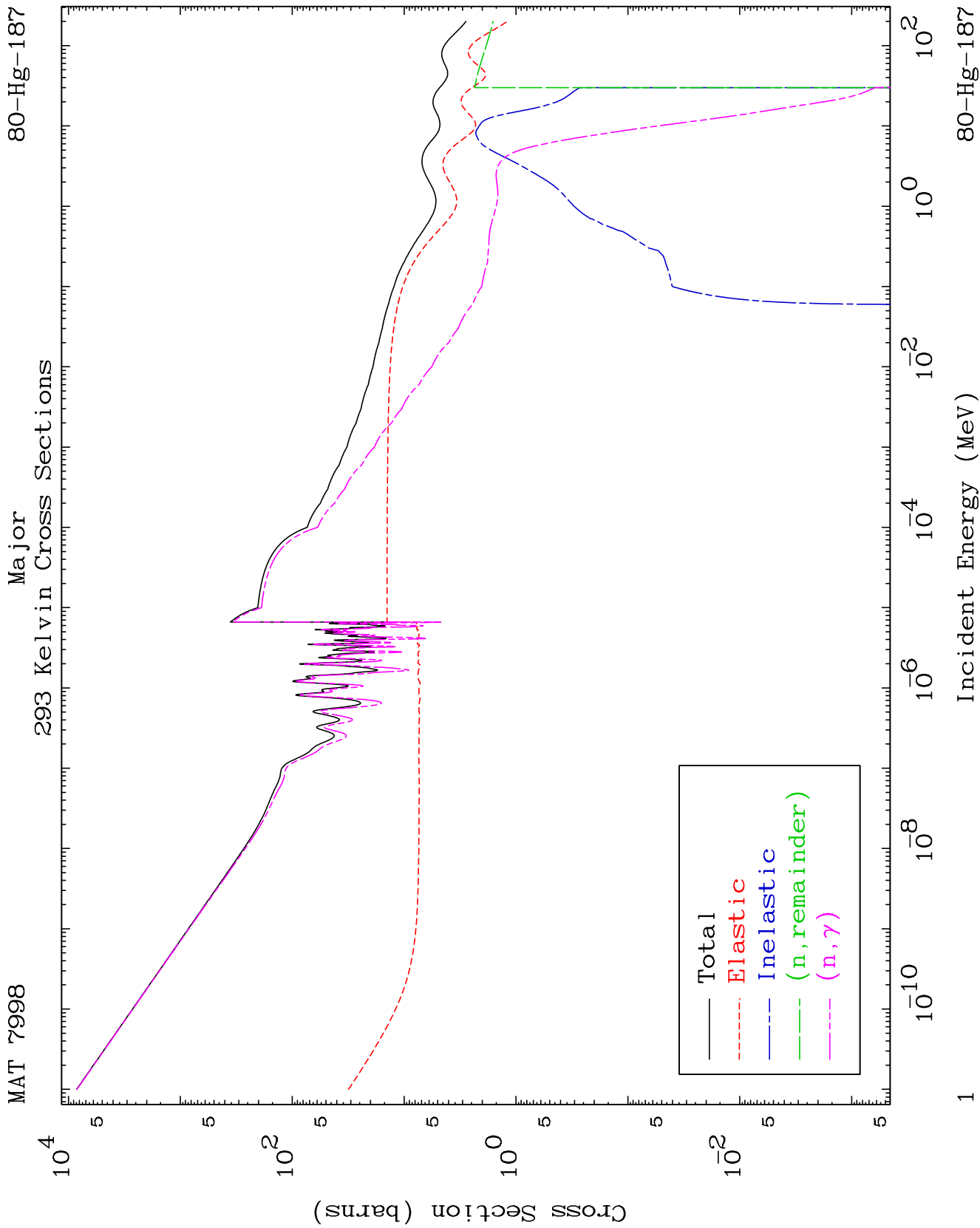
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

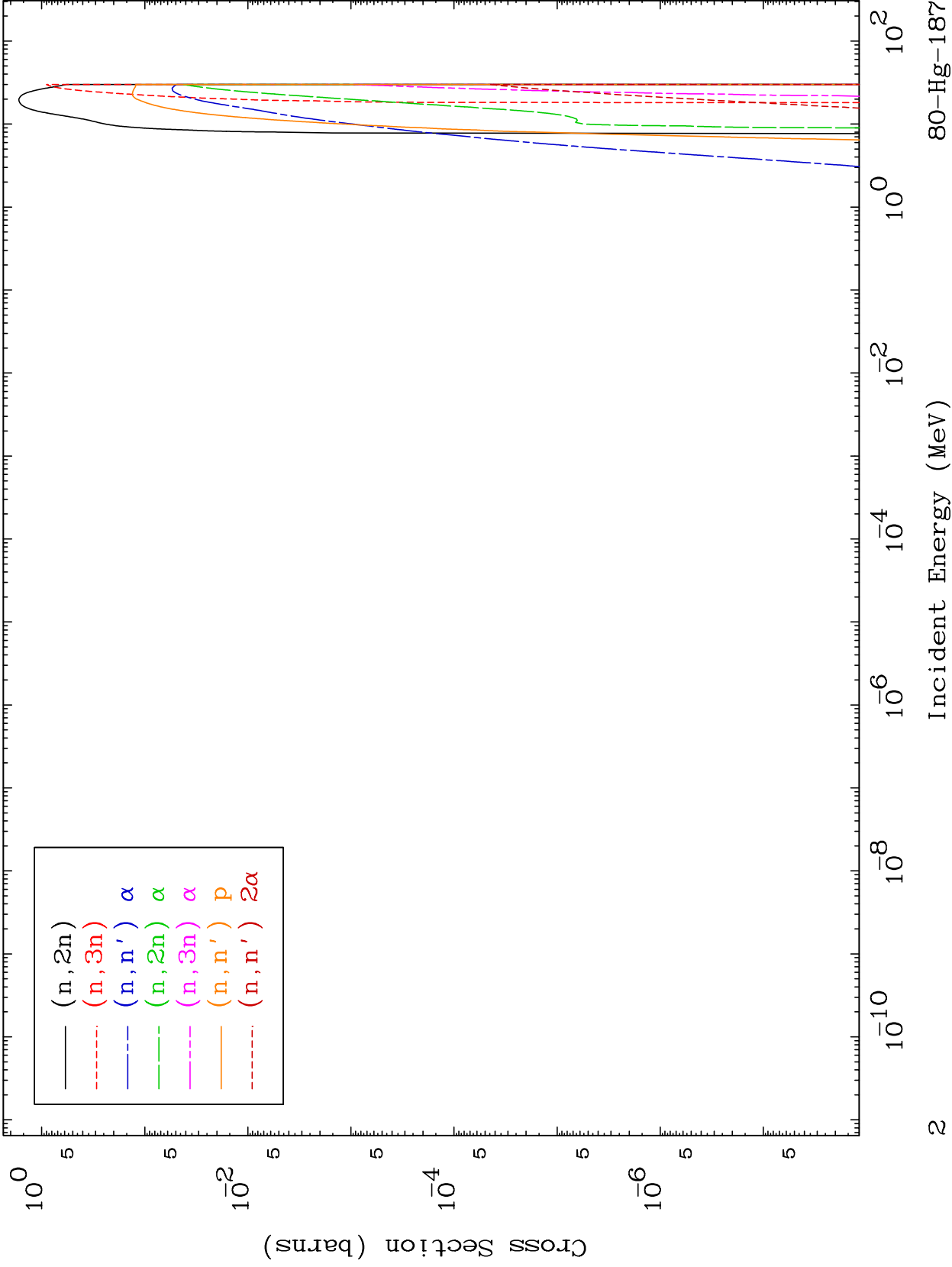
Press Mouse Button to Start



MAT 7998

Neutron Production
293 Kelvin Cross Sections

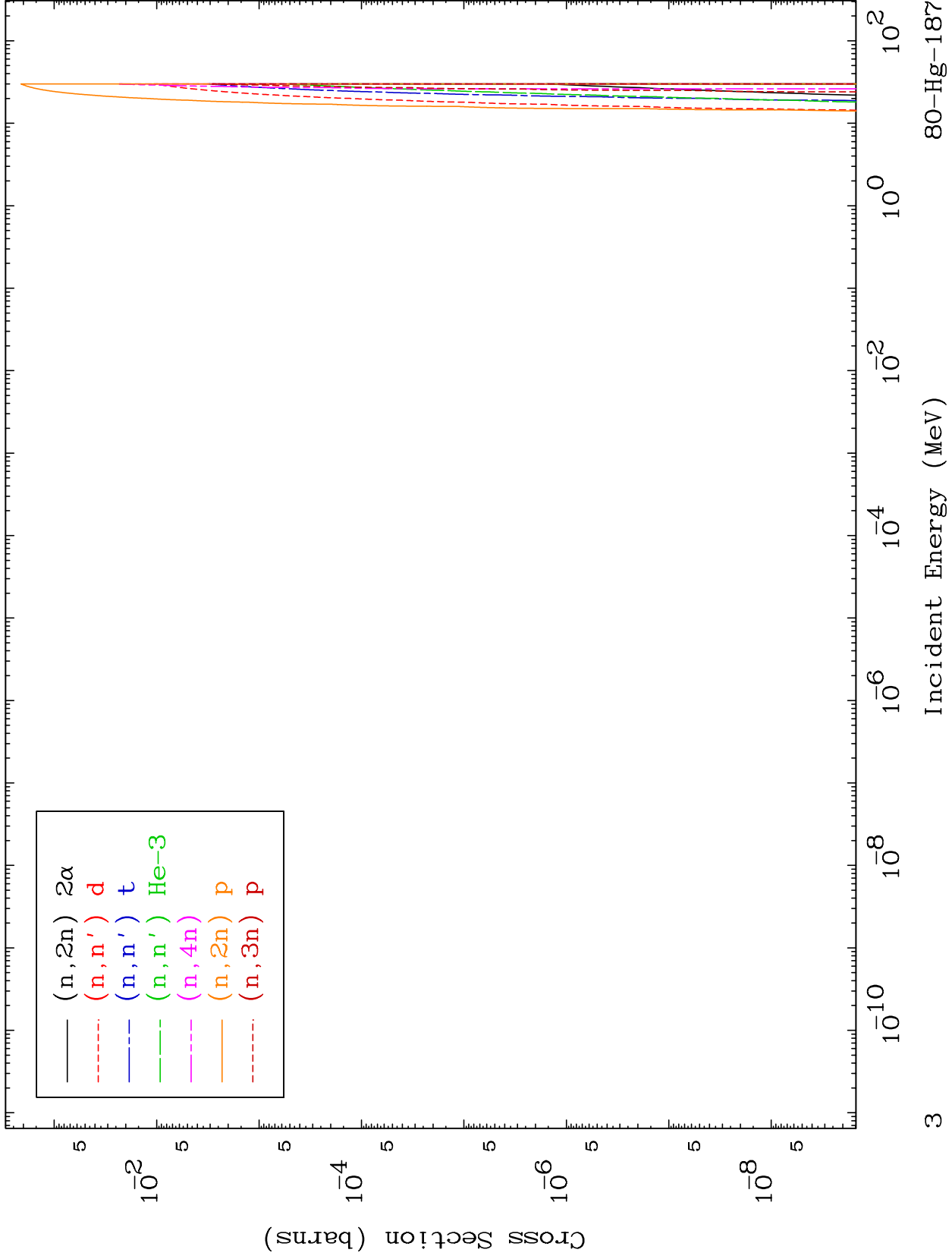
80-Hg-187



MAT 7998

Neutron Production
293 Kelvin Cross Sections

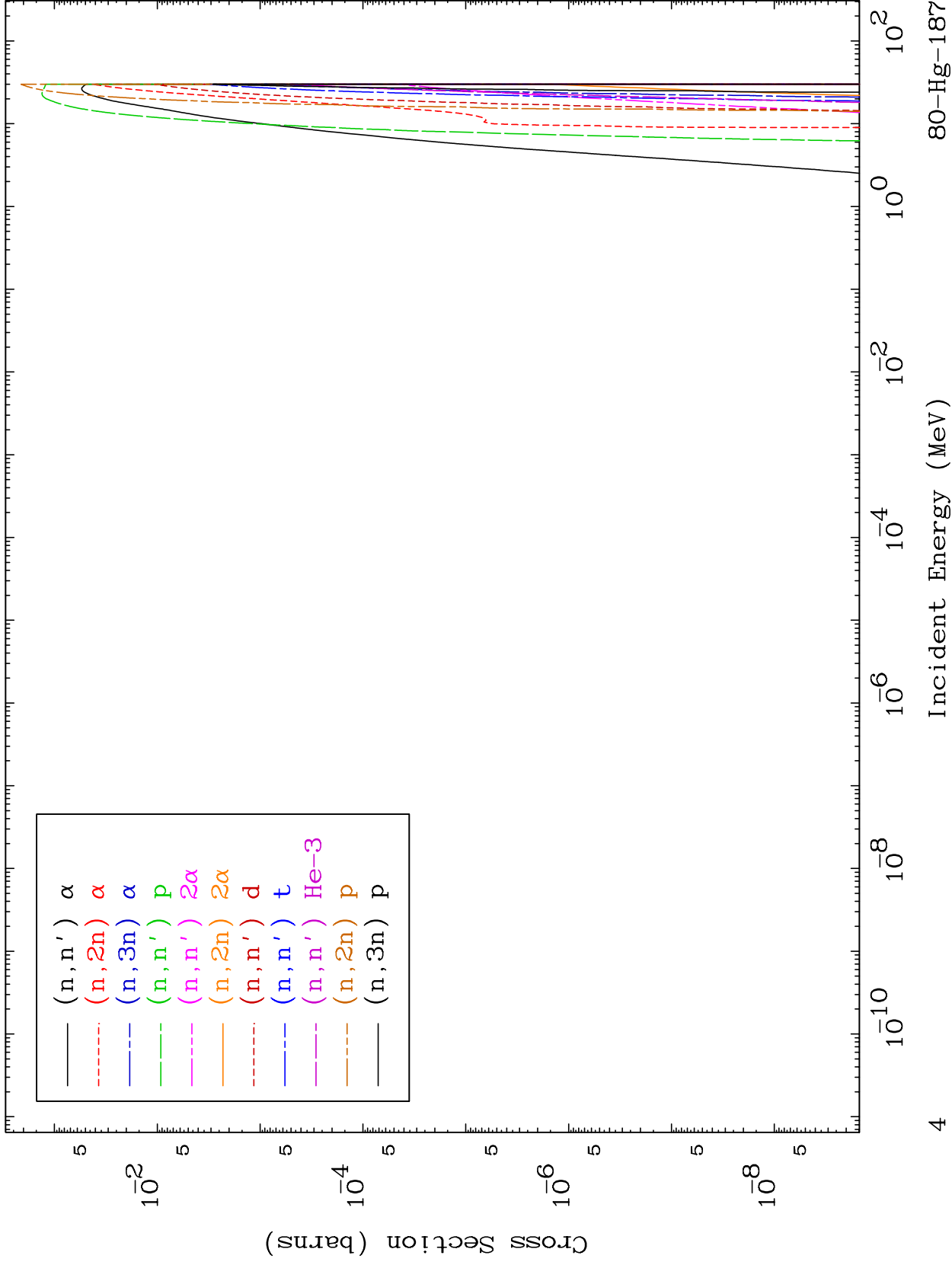
80-Hg-187



MAT 7998

Charged Particle
293 Kelvin Cross Sections

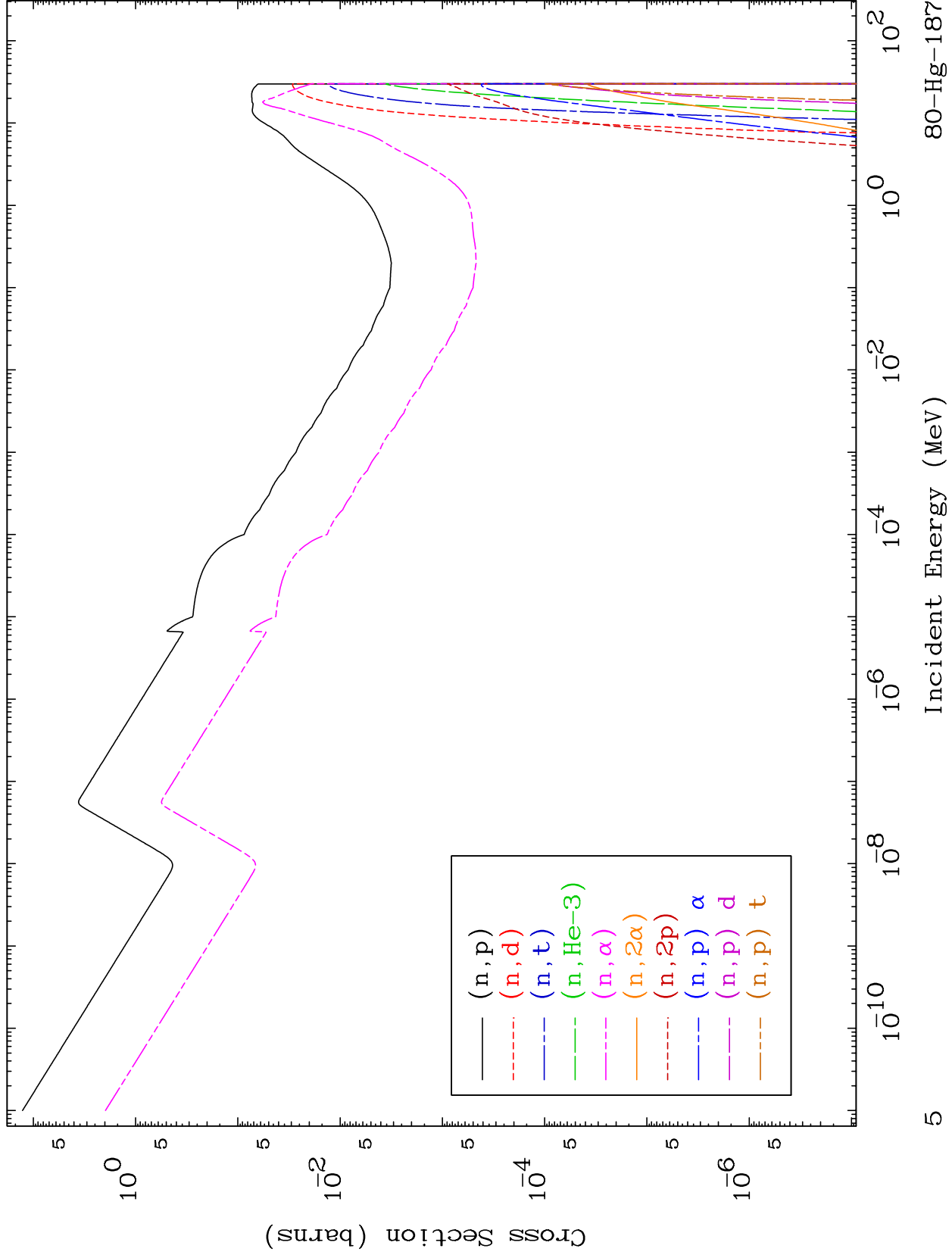
80-Hg-187



MAT 7998

Charged Particle
293 Kelvin Cross Sections

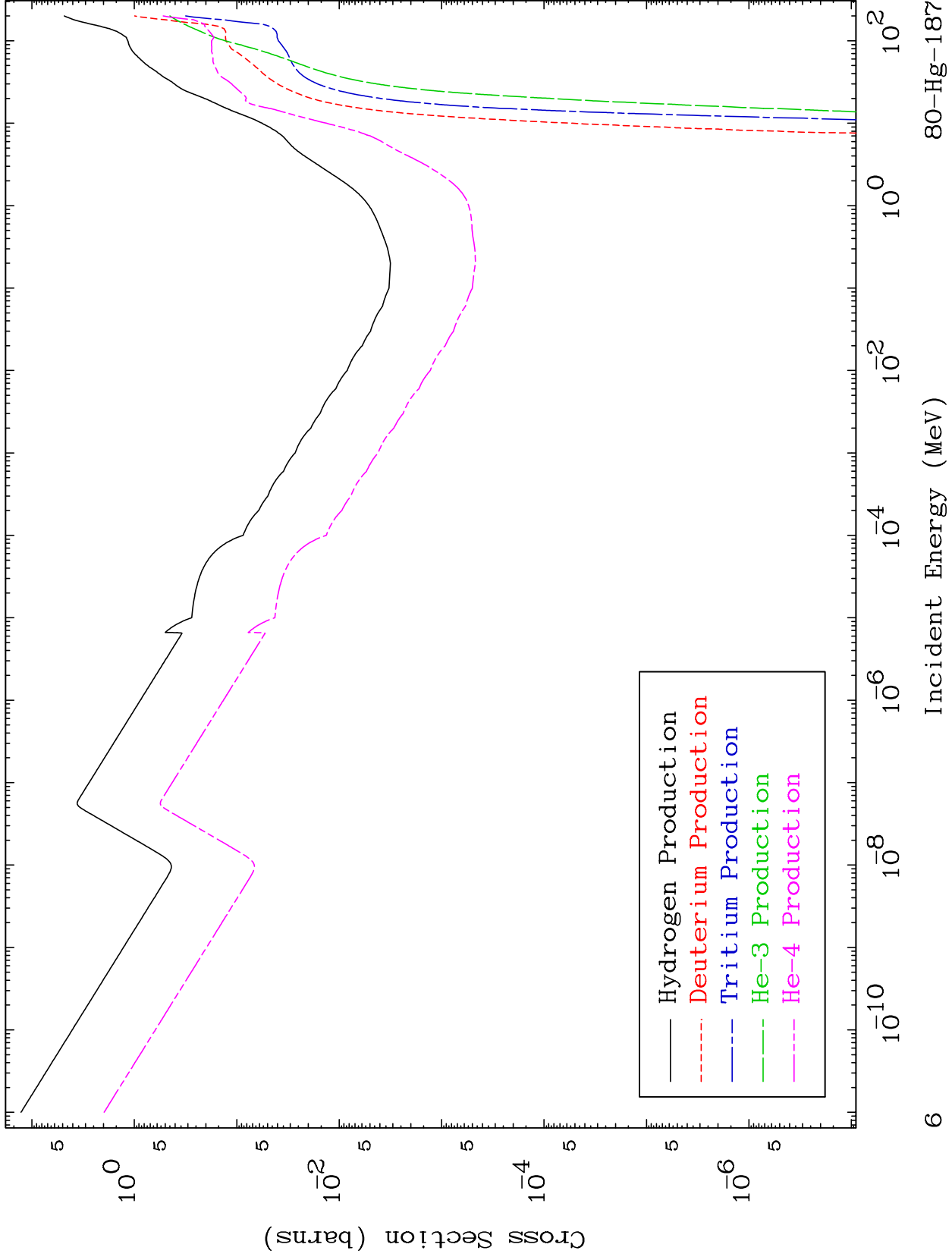
80-Hg-187



MAT 7998

Particle Production
293 Kelvin Cross Sections

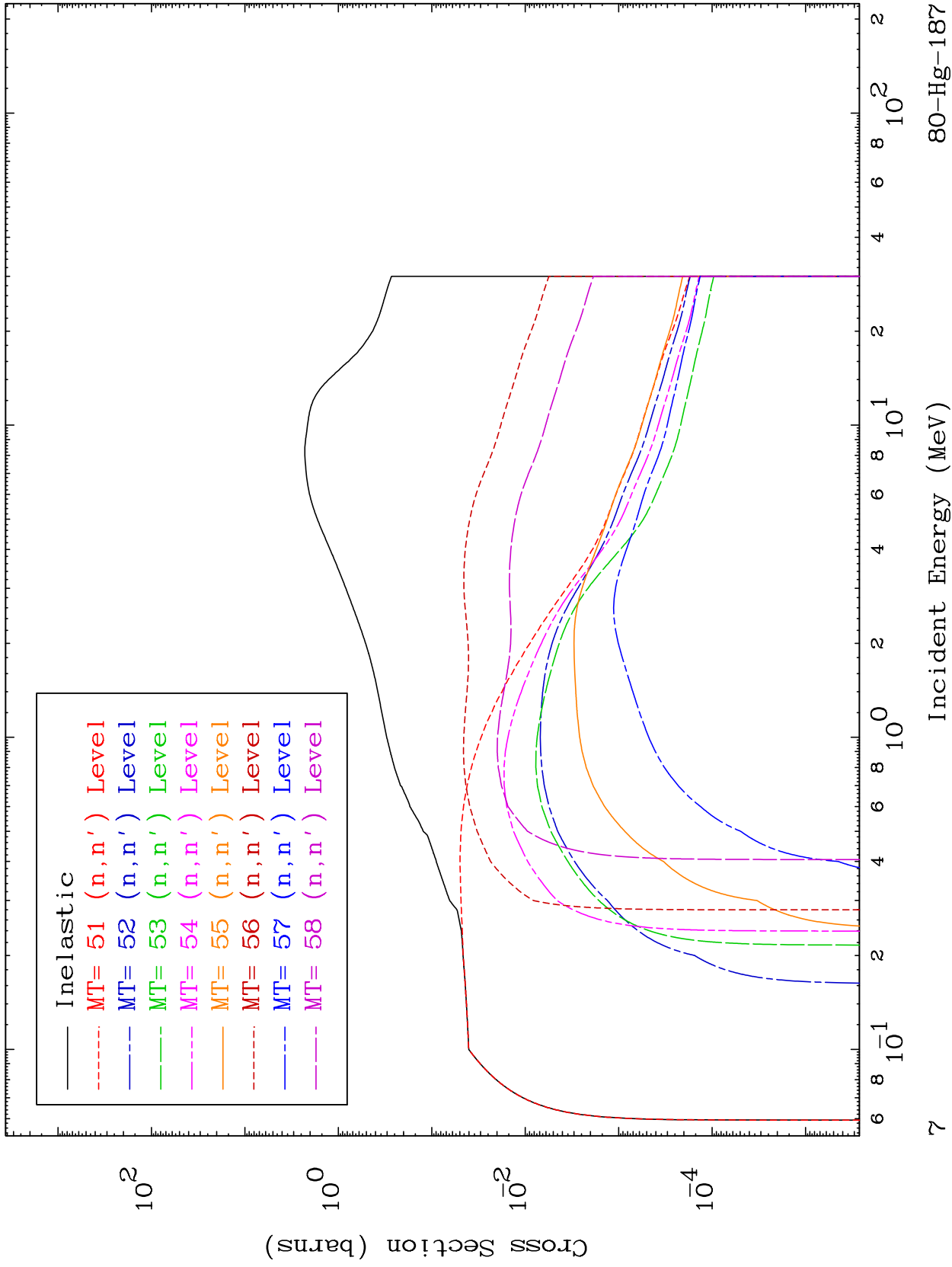
80-Hg-187

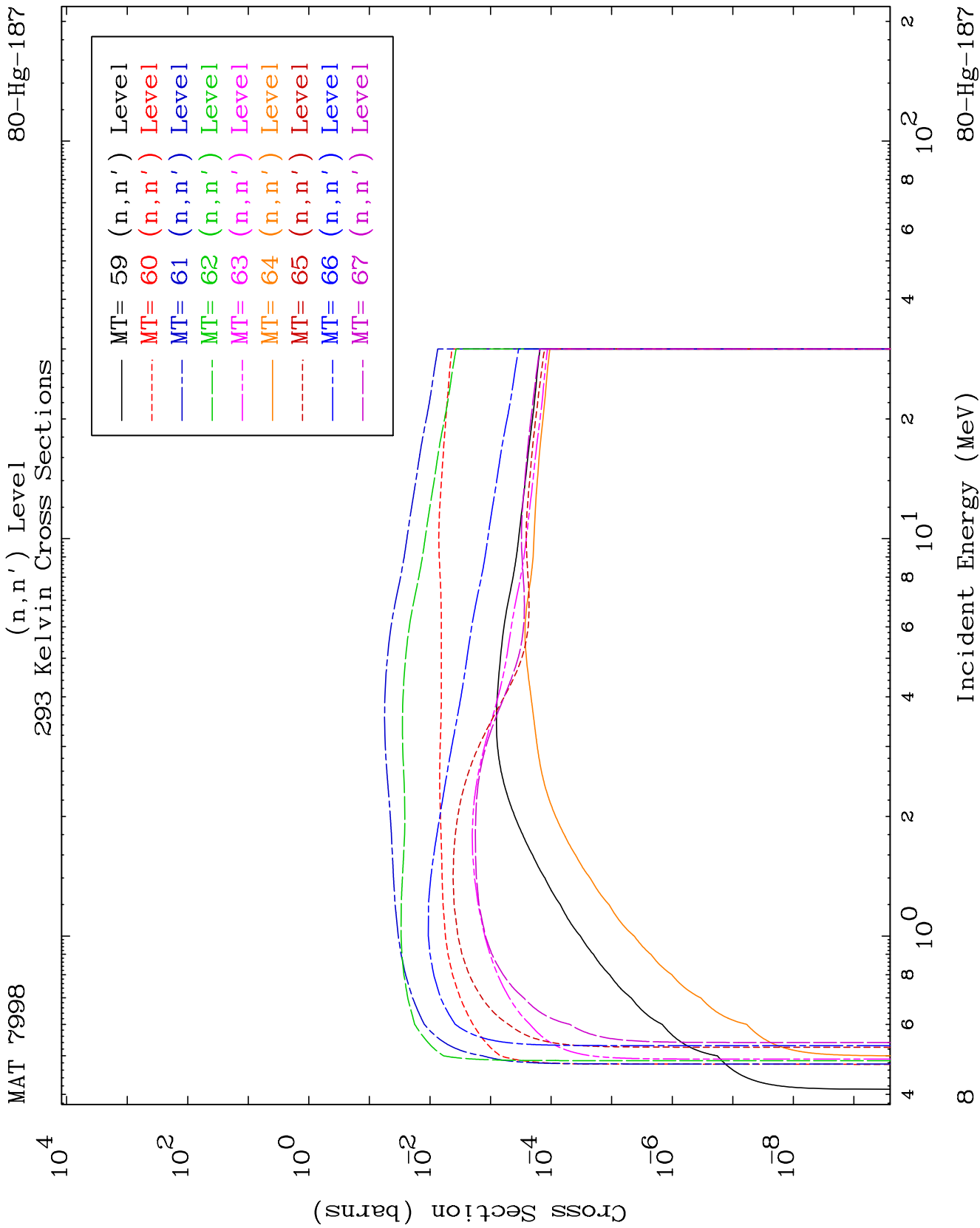


MAT 7998

(n,n') Level
293 Kelvin Cross Sections

80-Hg-187



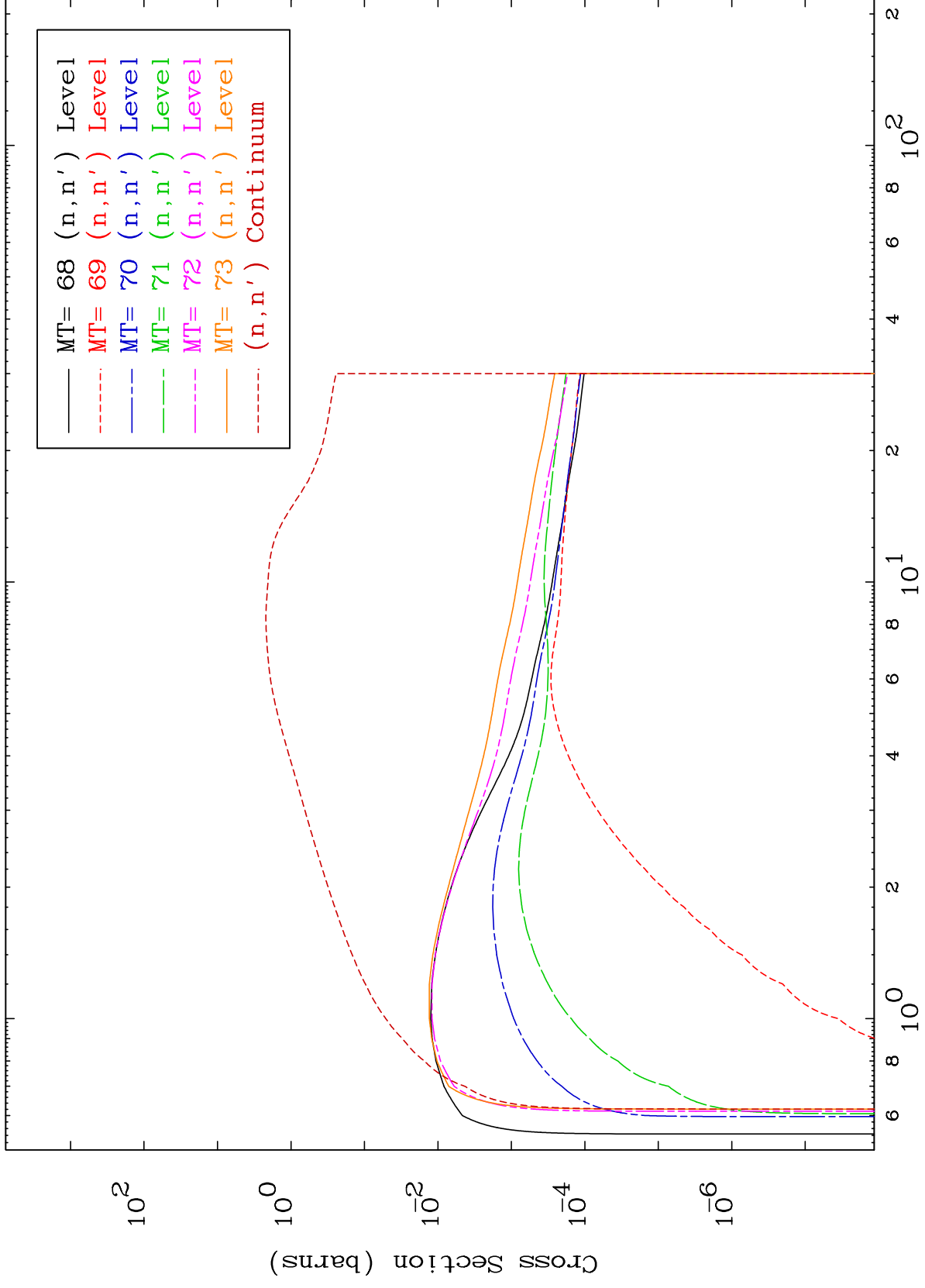


MAT 7998

(n,n') Level

80-Hg-187

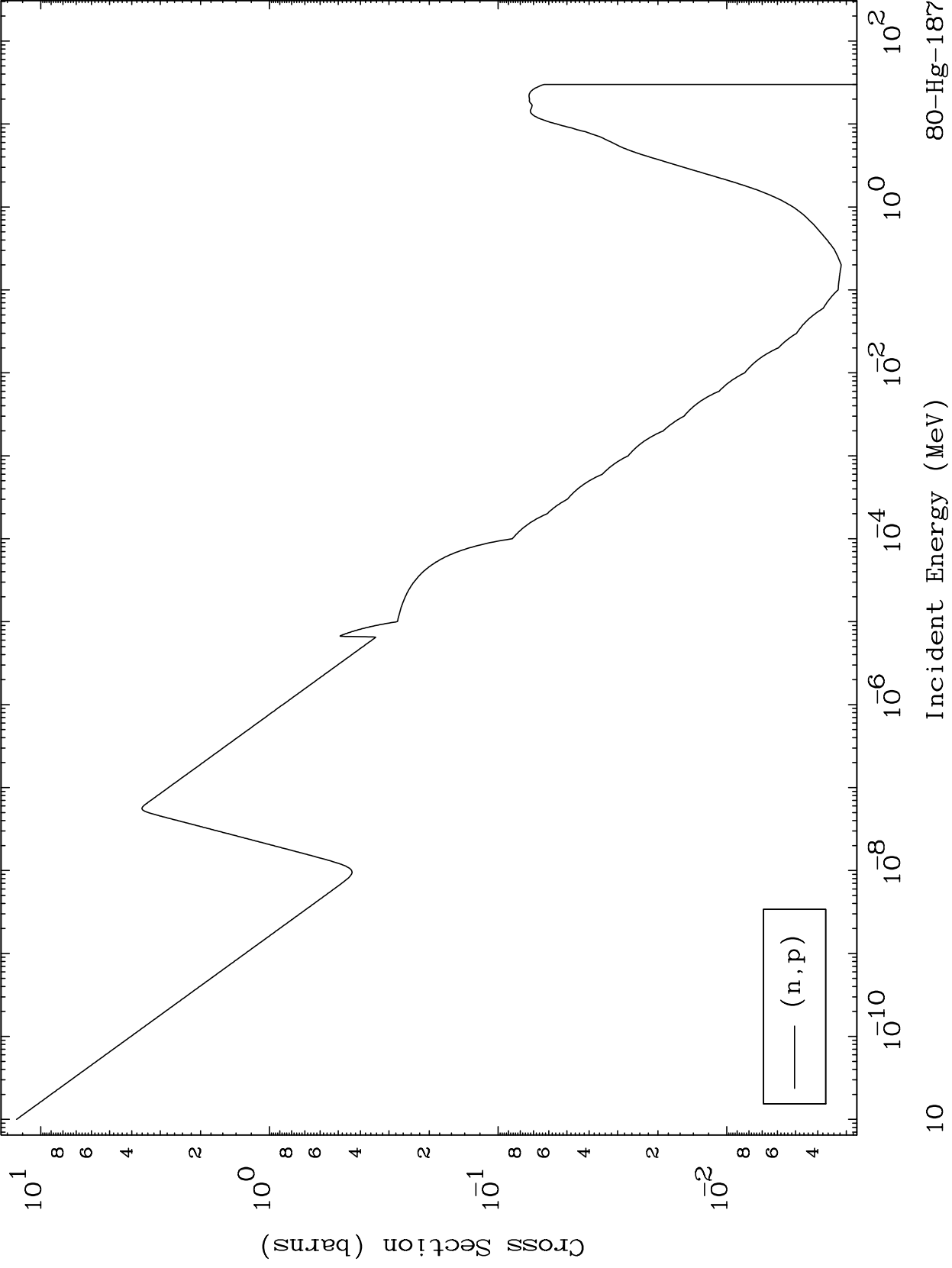
293 Kelvin Cross Sections



MAT 7998

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-187



10

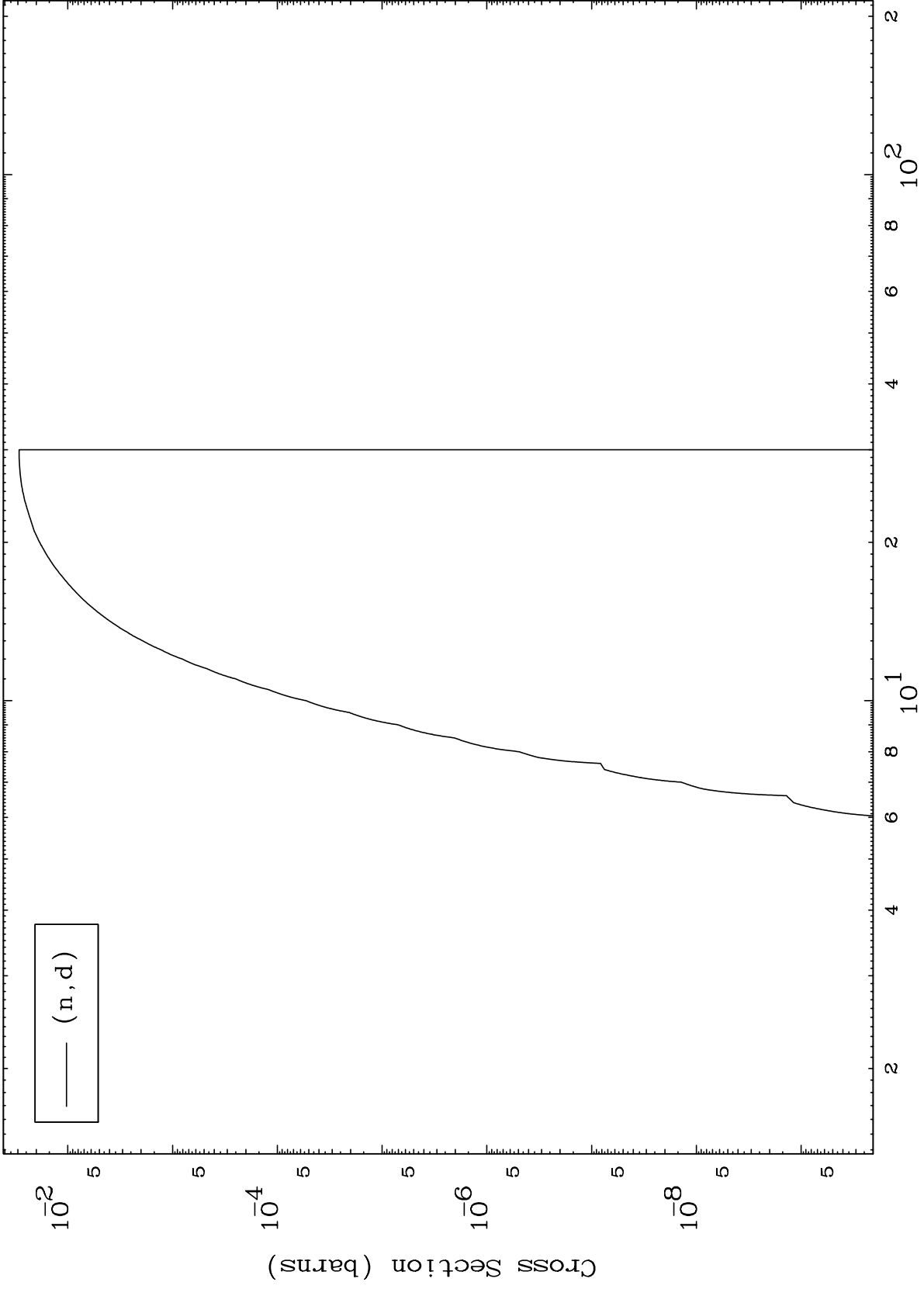
Incident Energy (MeV)

80-Hg-187

MAT 7998

(n,d) Levels
293 Kelvin Cross Sections

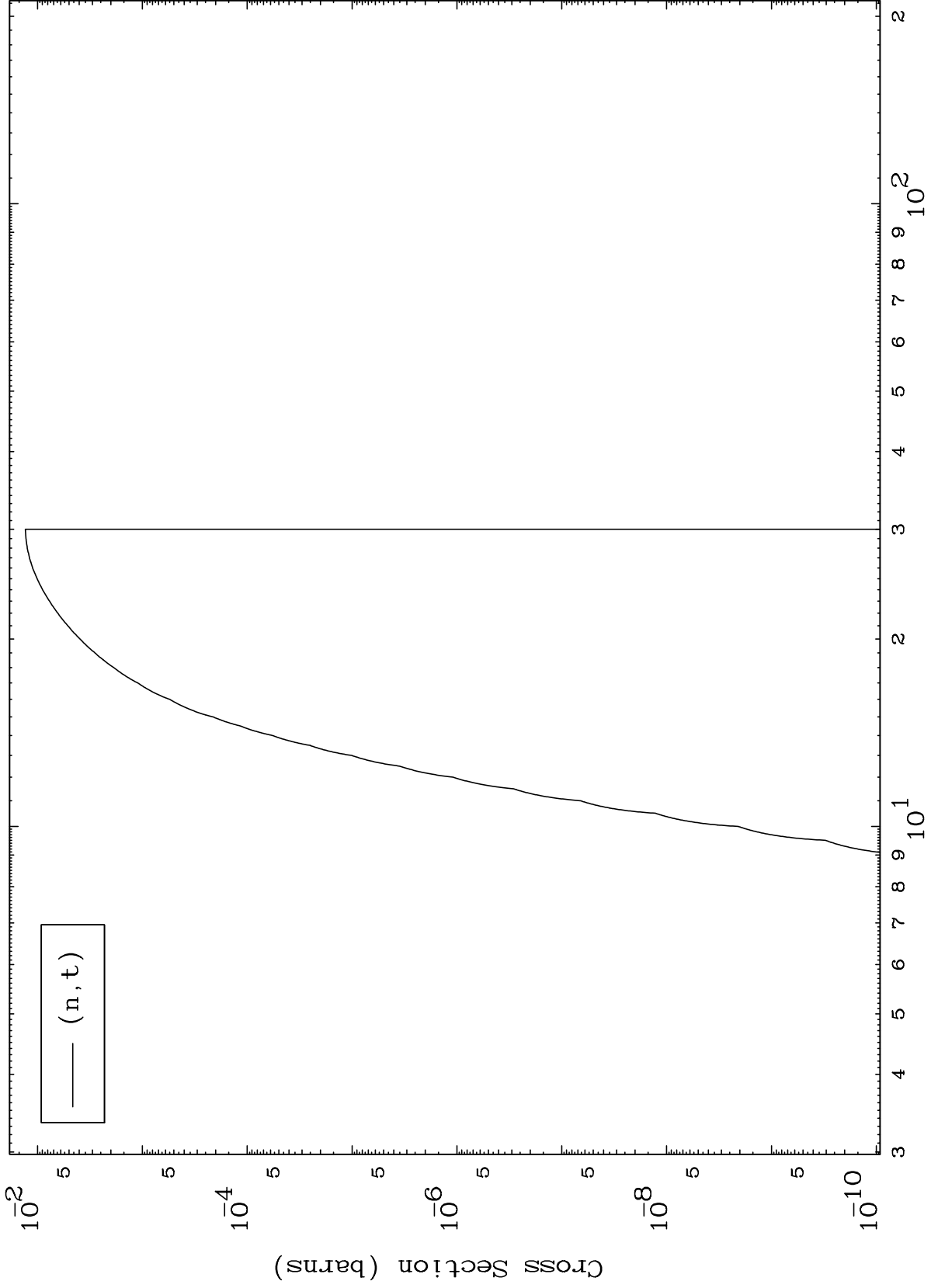
80-Hg-187



MAT 7998

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-187



12

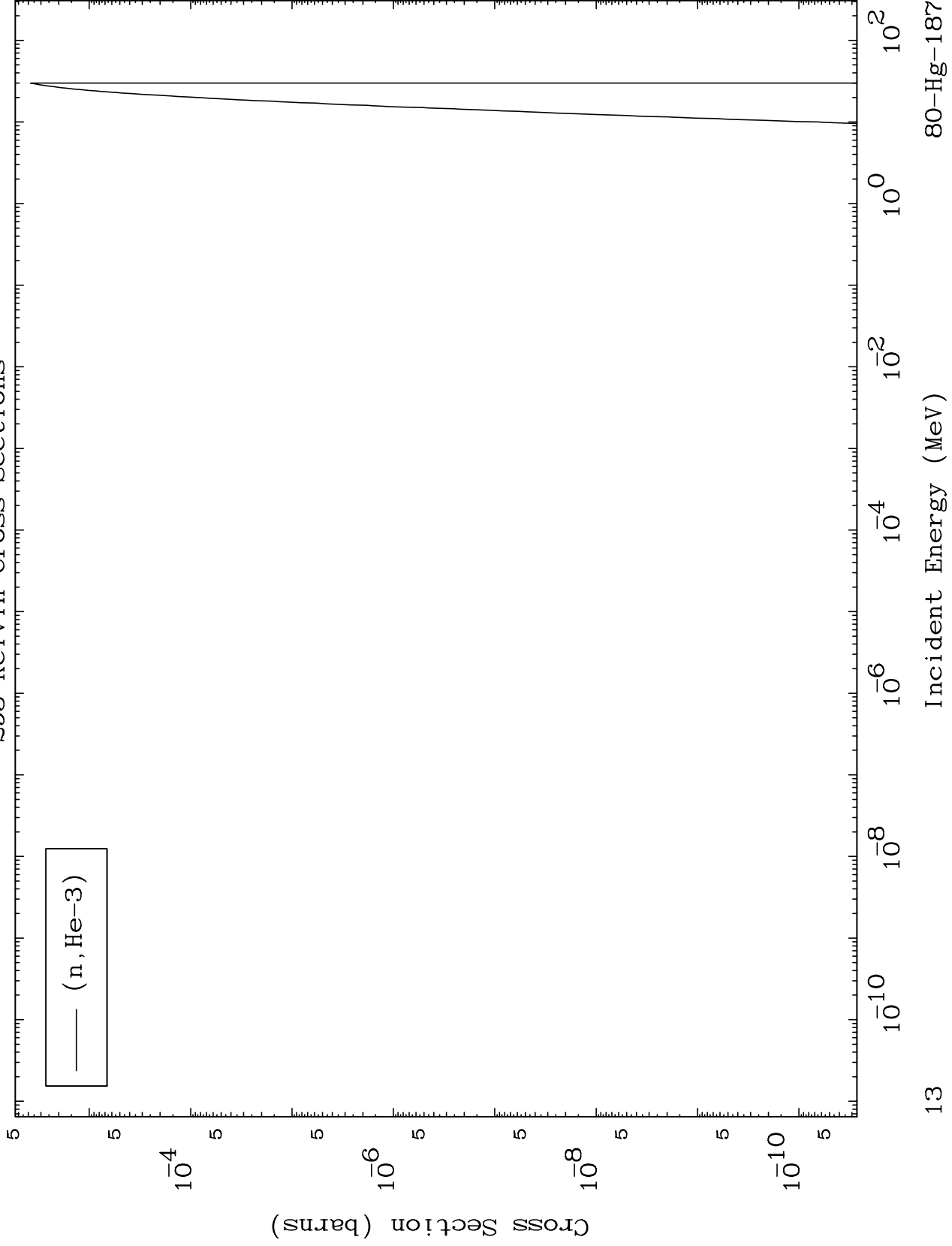
Incident Energy (MeV)

80-Hg-187

MAT 7998

(n,He3) Levels
293 Kelvin Cross Sections

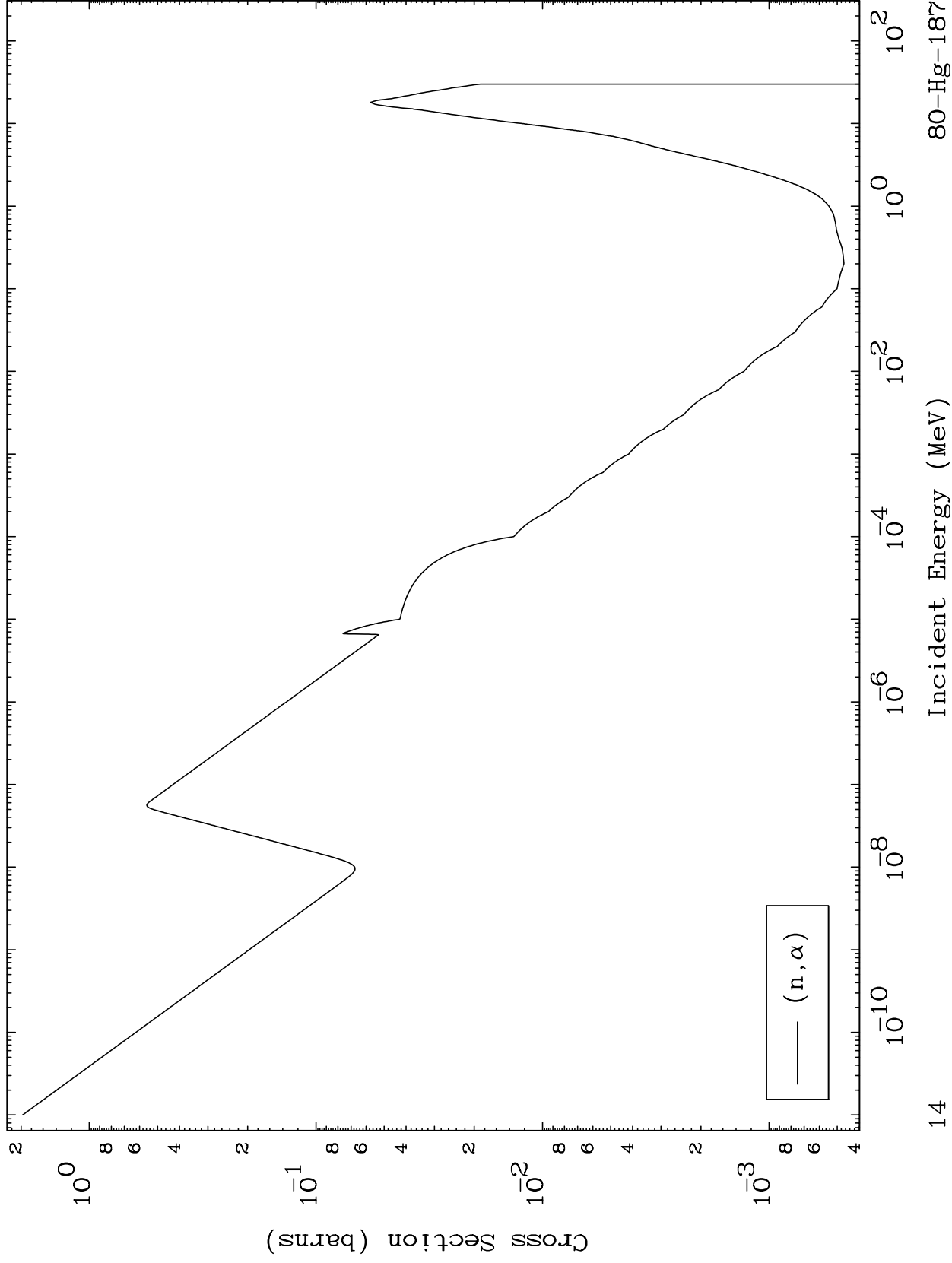
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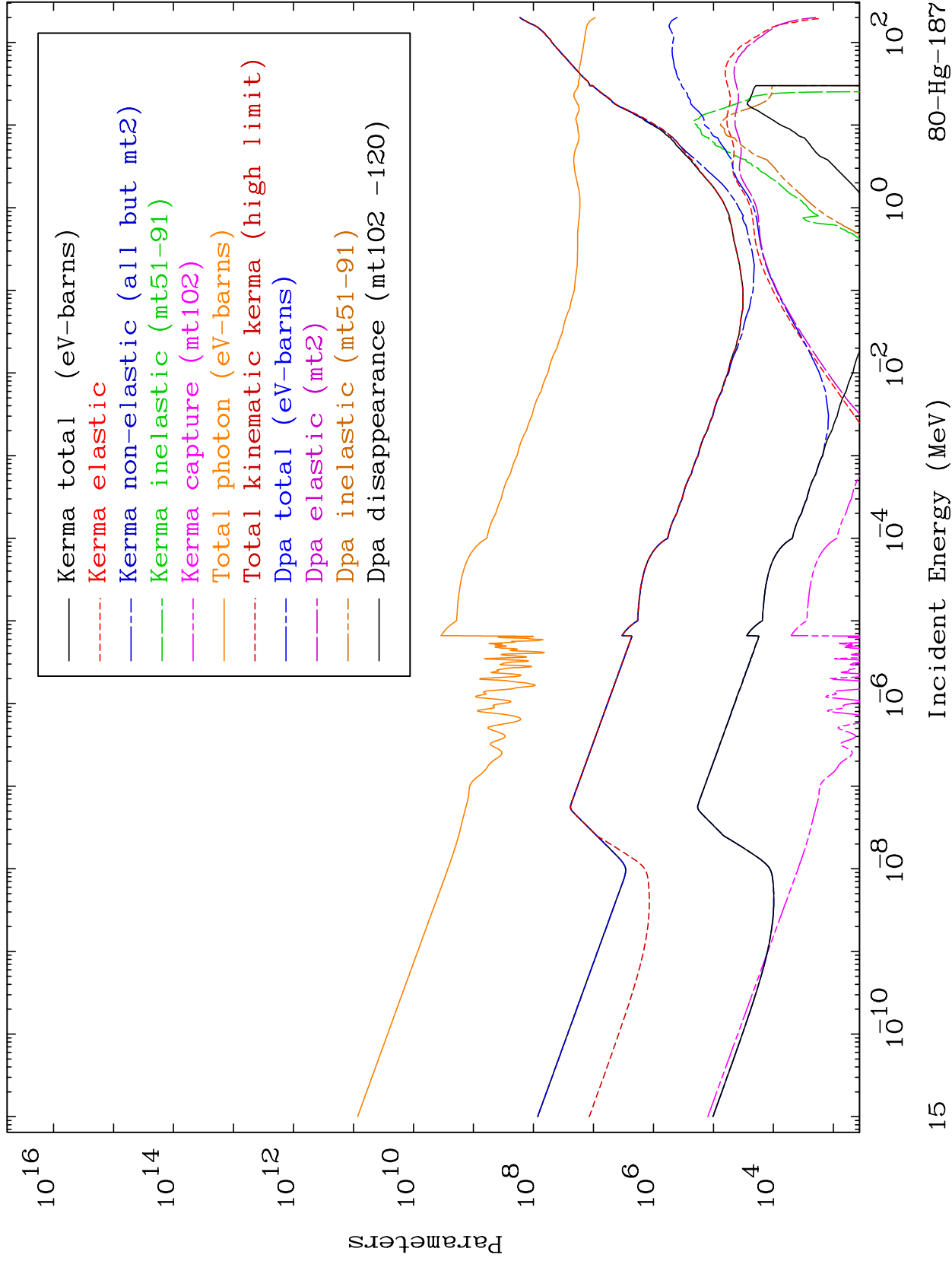


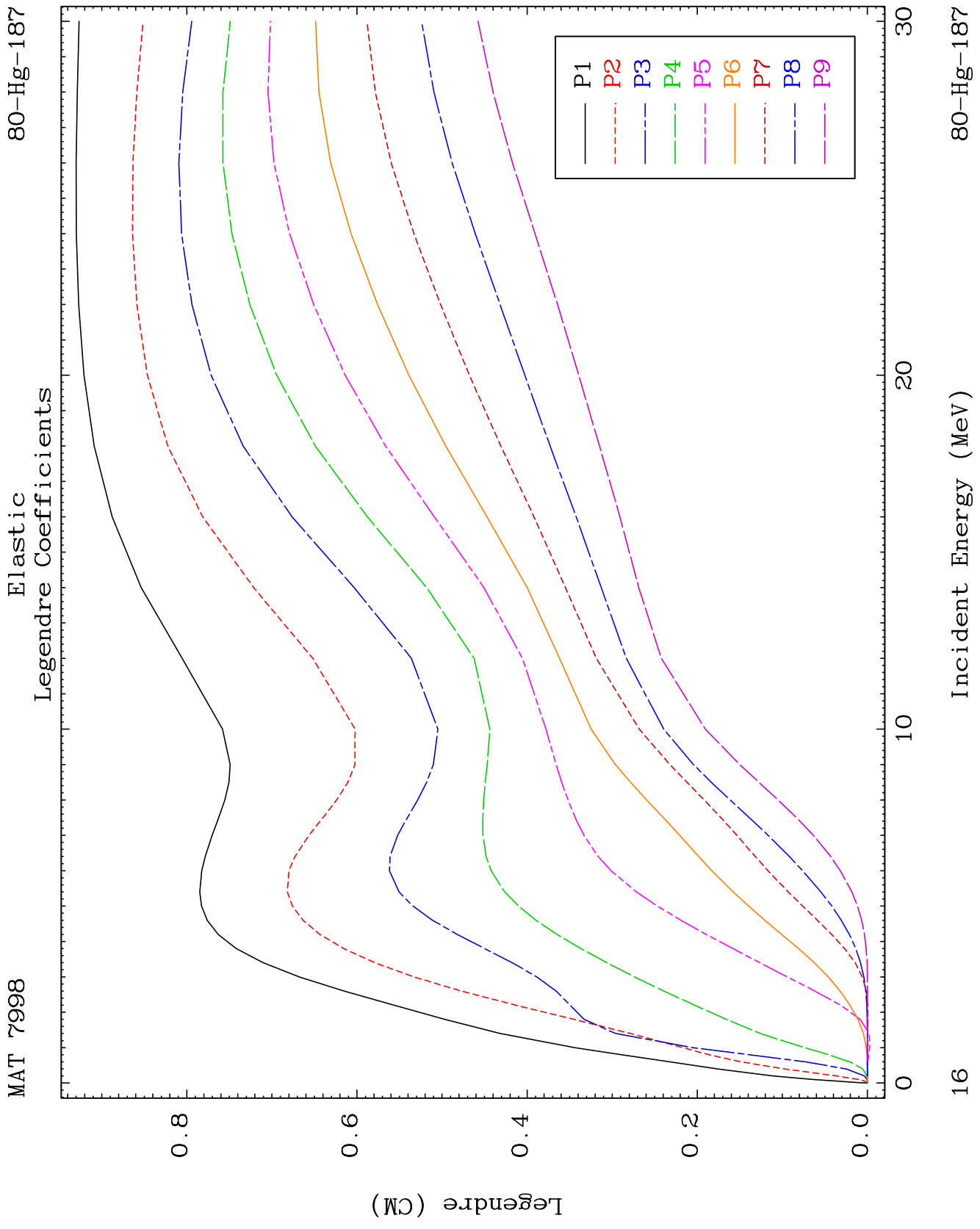
MAT 7998

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-187



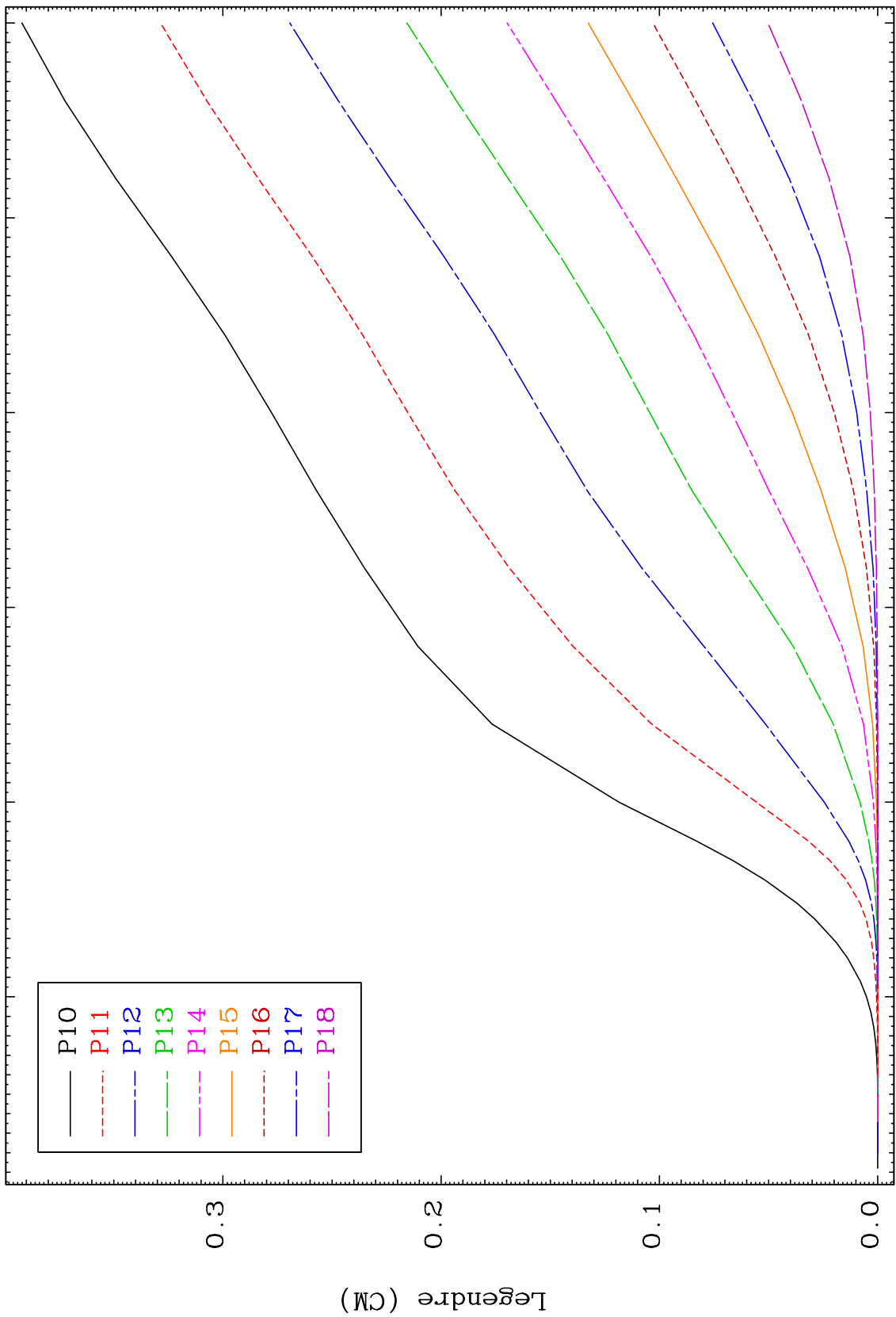




MAT 7998

Elastic Legendre Coefficients

80-Hg-187



17

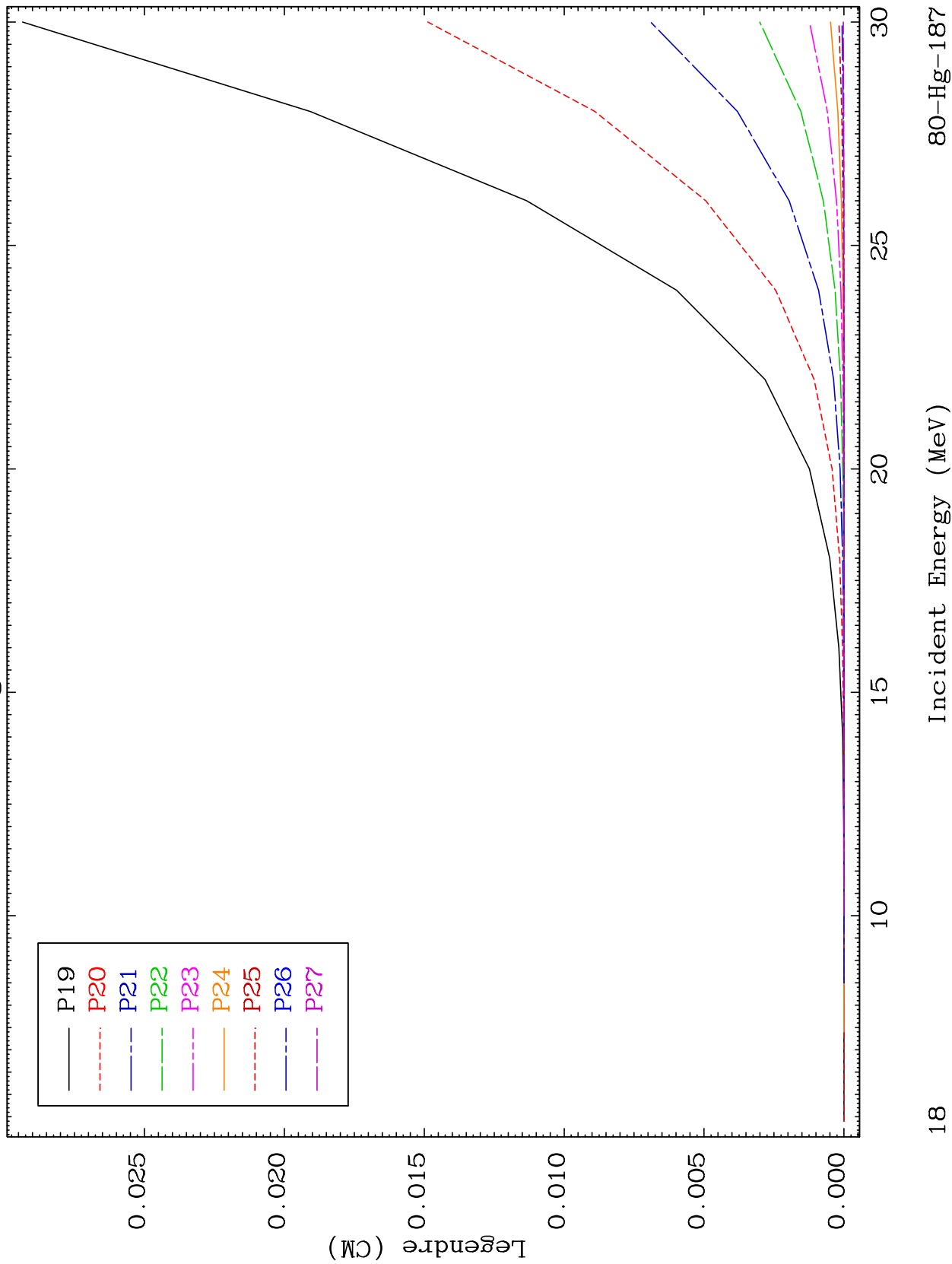
Incident Energy (MeV)

80-Hg-187

MAT 7998

Elastic Legendre Coefficients

80-Hg-187

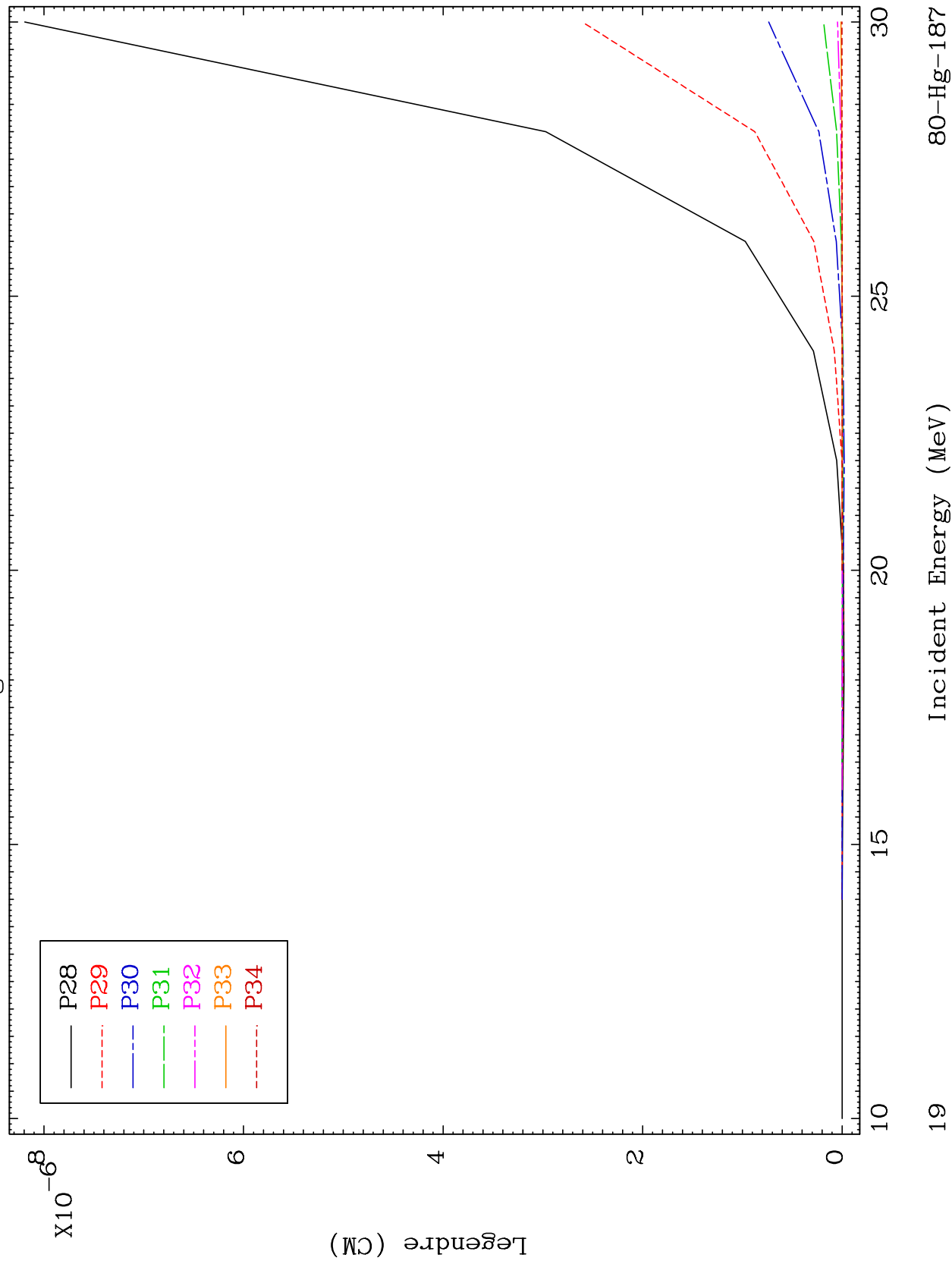


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 7998

Elastic
Legendre Coefficients

80-Hg-187



19

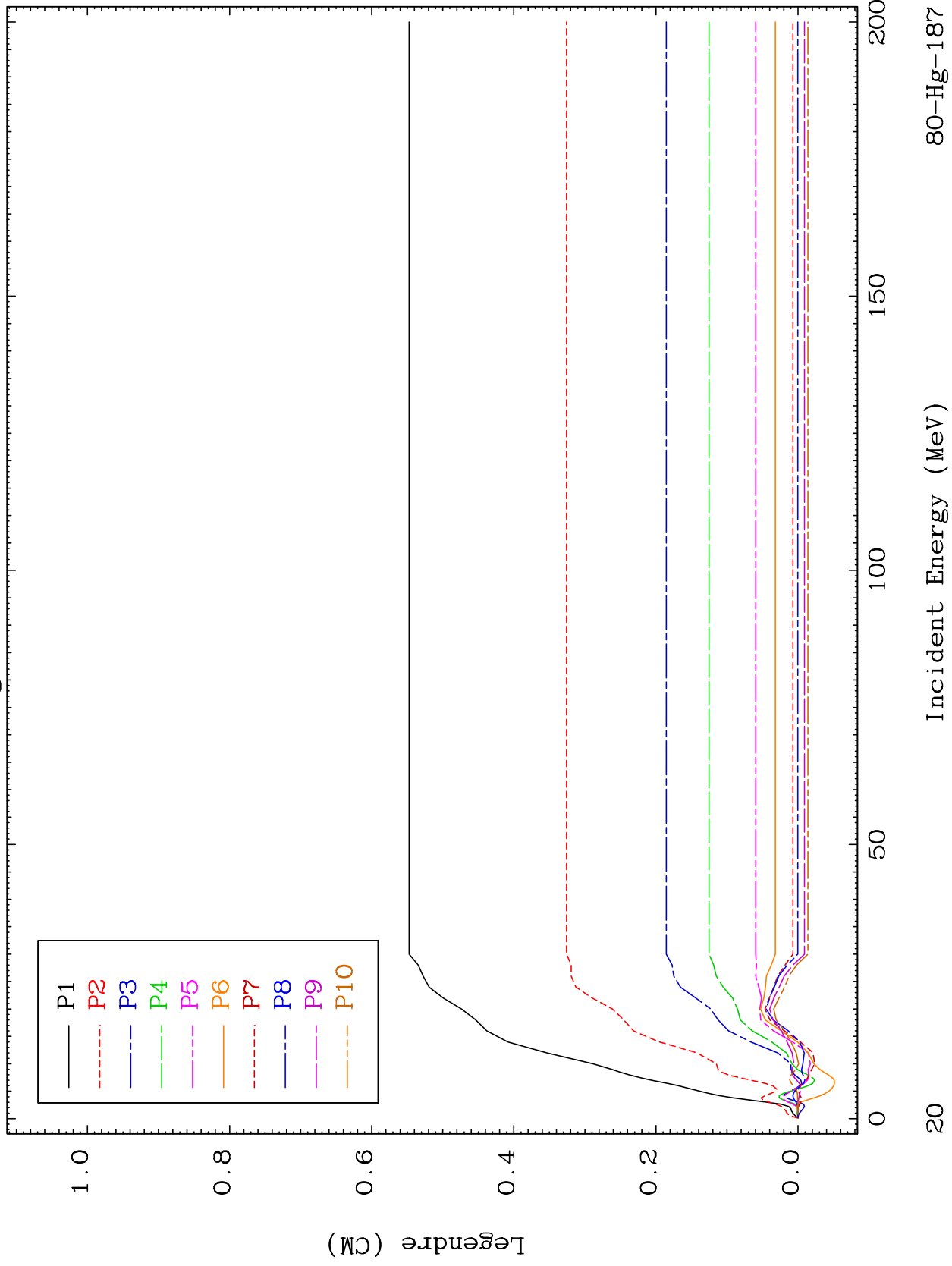
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

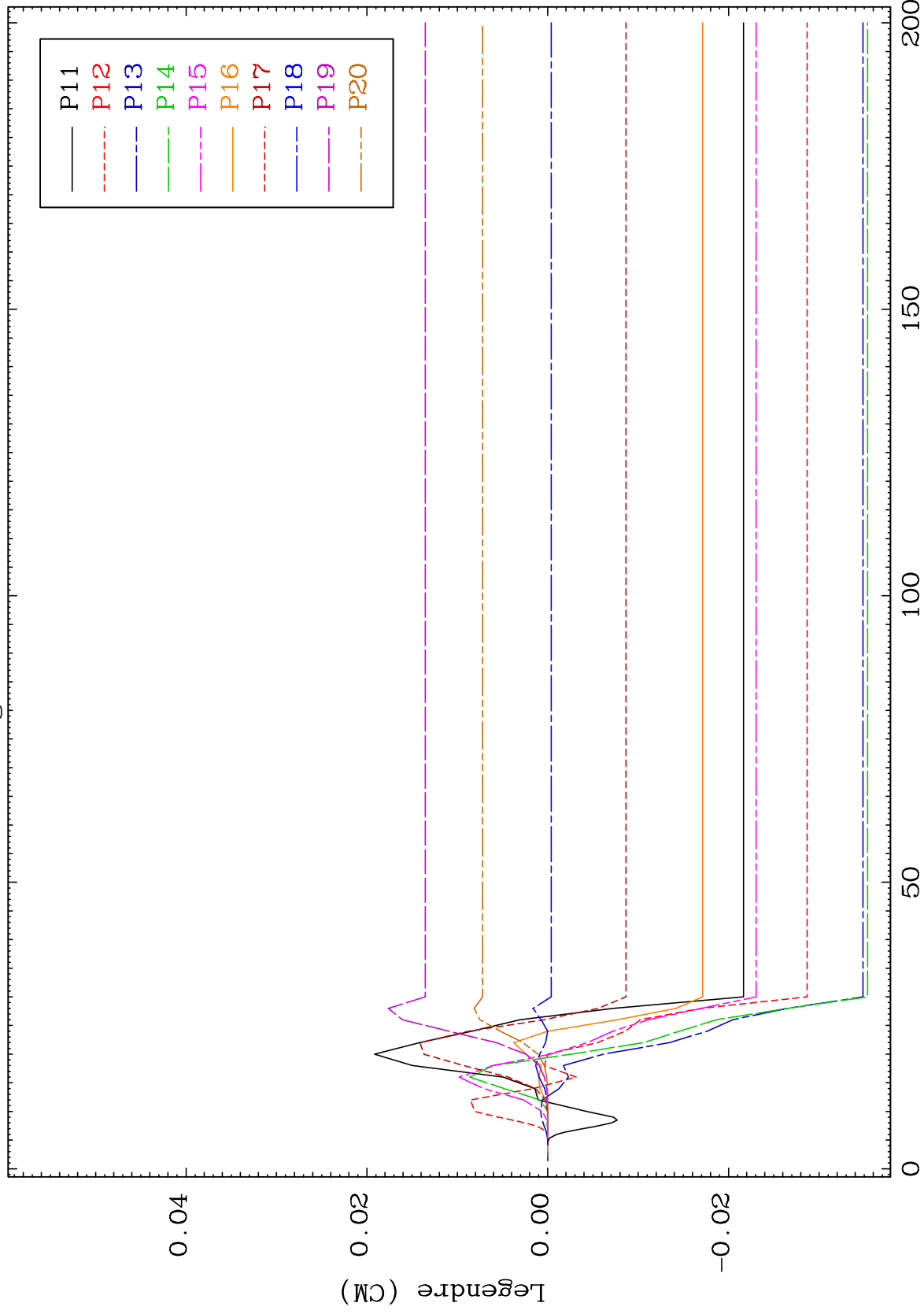
80-Hg-187



MAT 7998

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

80-Hg-187



21

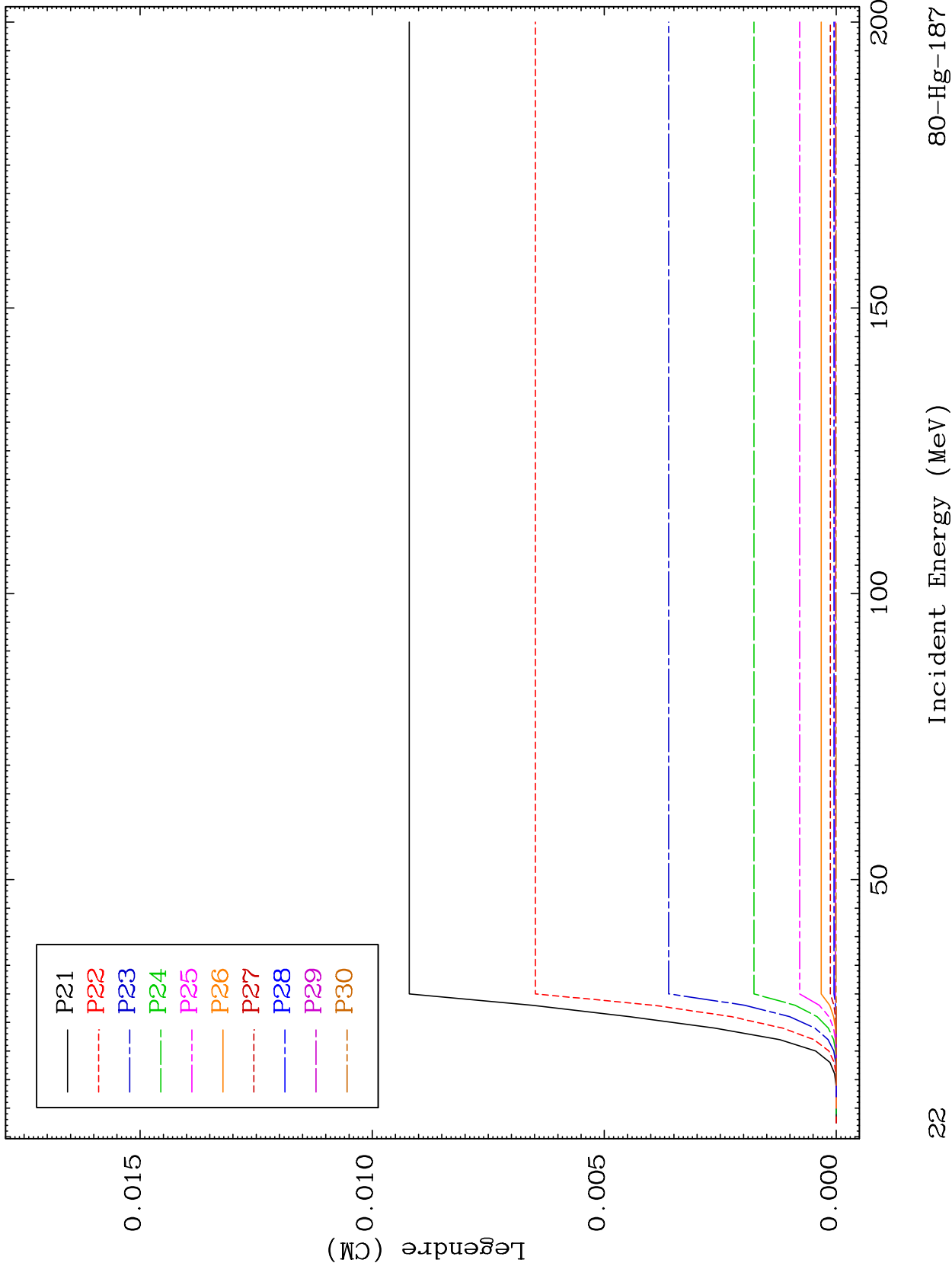
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



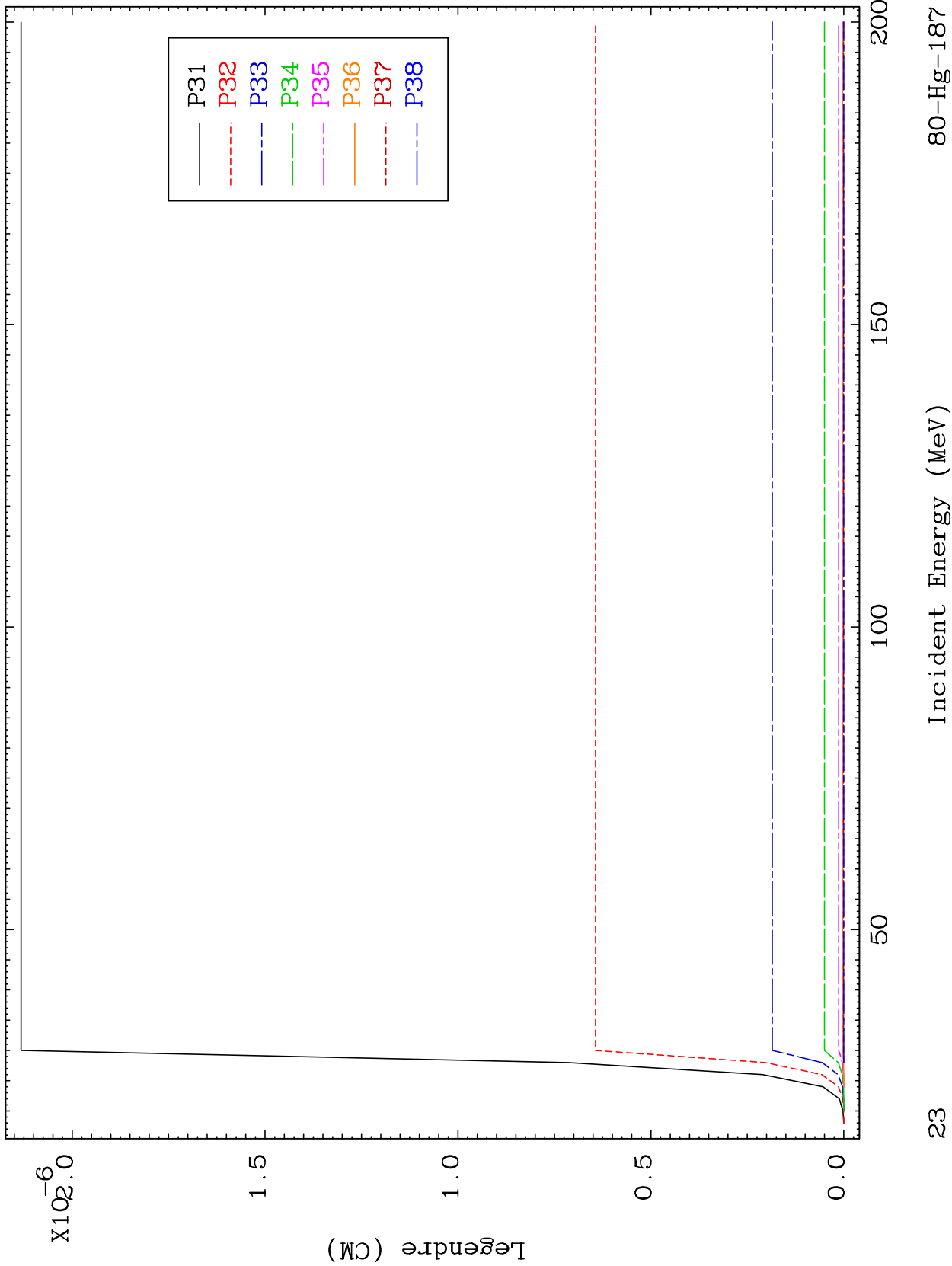
22

80-Hg-187

MAT 7998

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

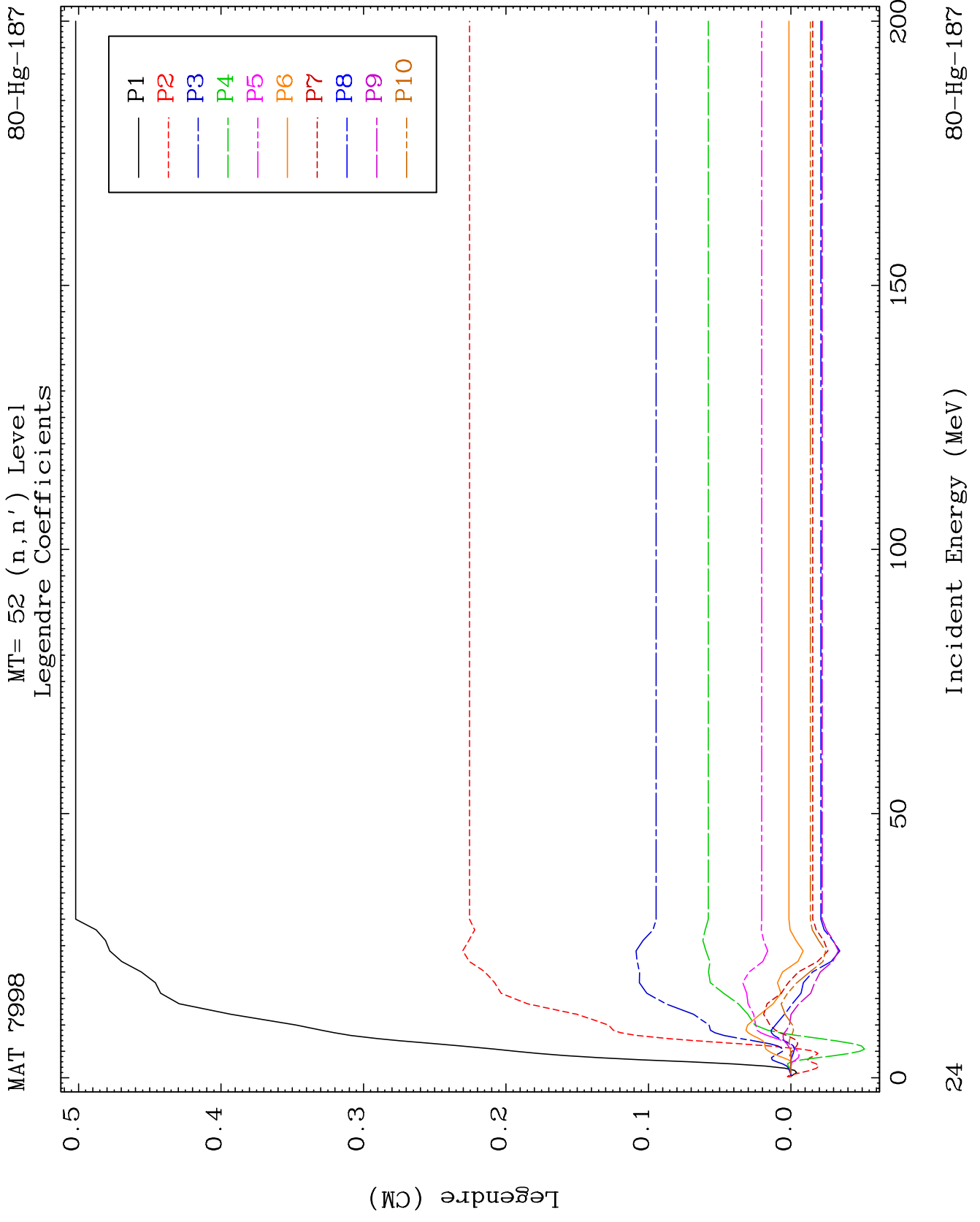
80-Hg-187



23

Incident Energy (MeV)

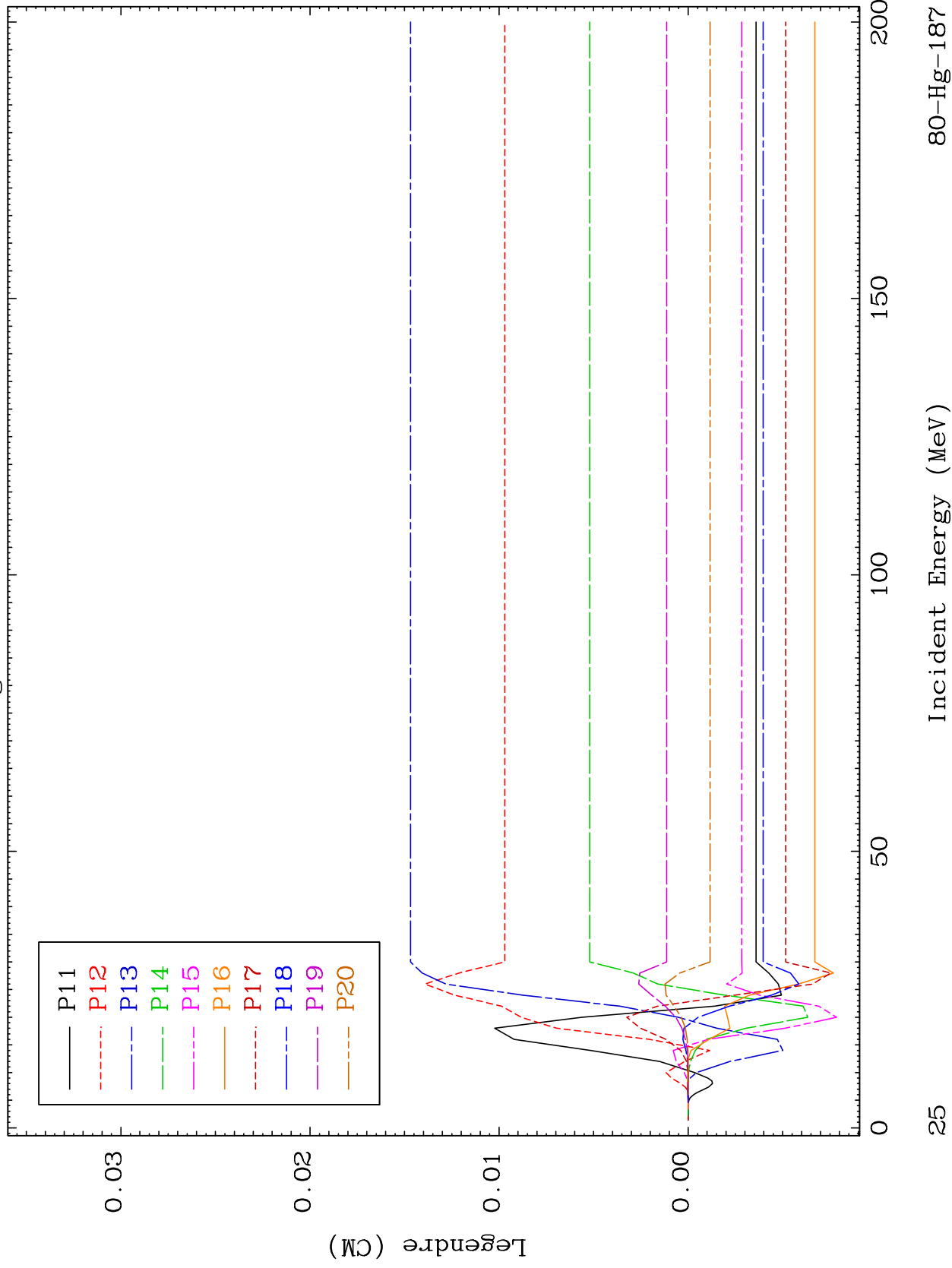
80-Hg-187

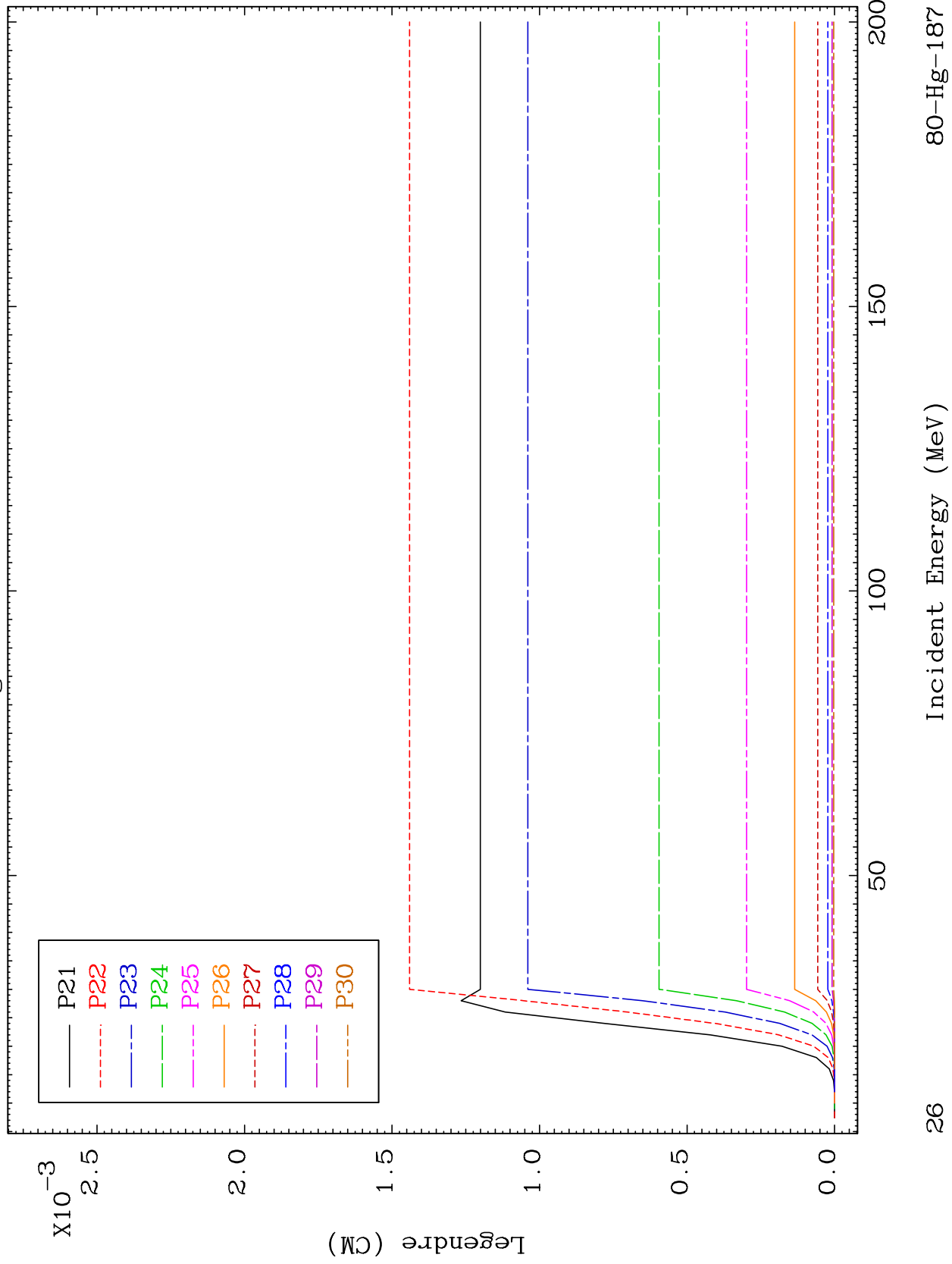


MAT 7998

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

80-Hg-187

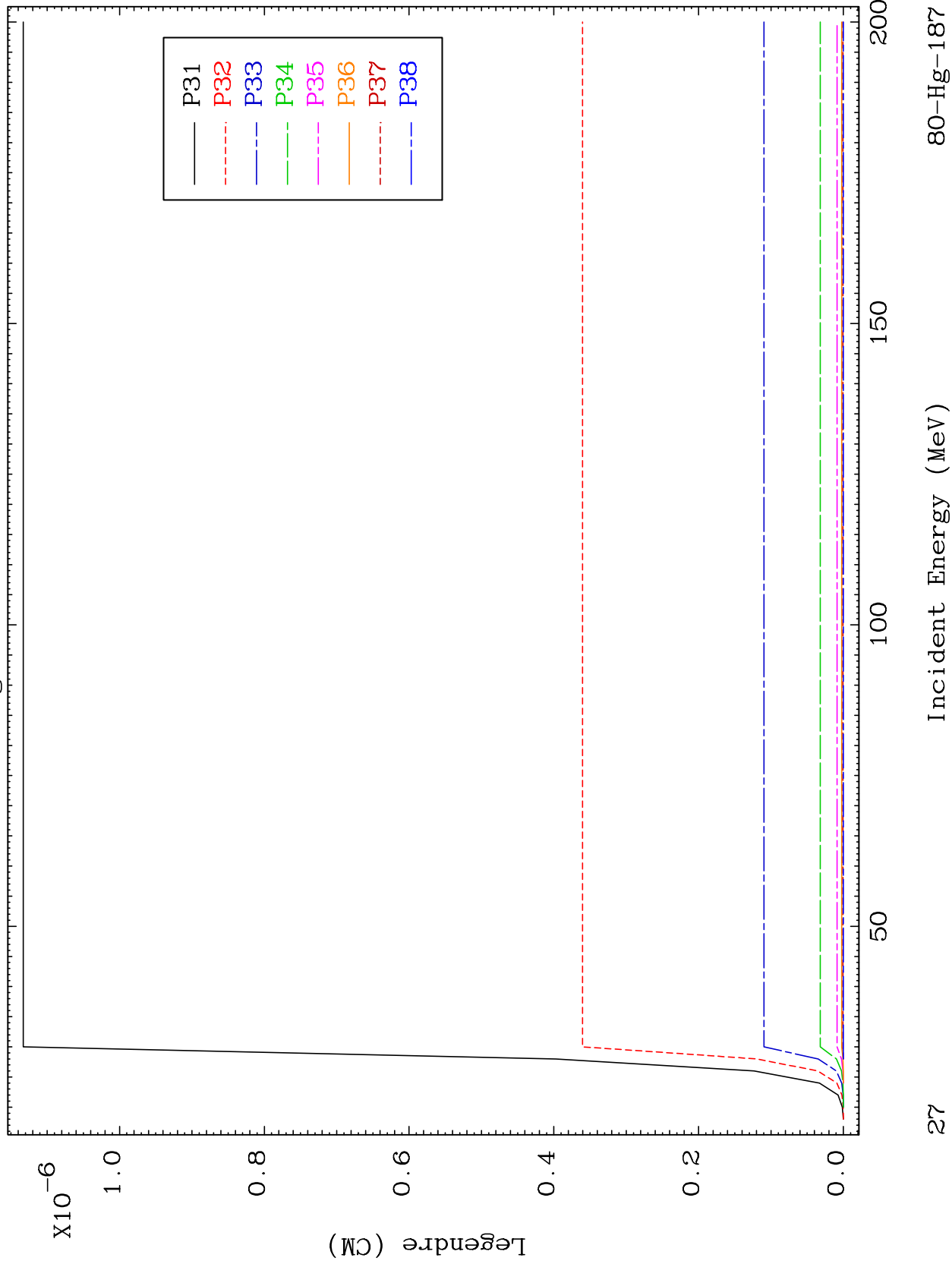




MAT 7998

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

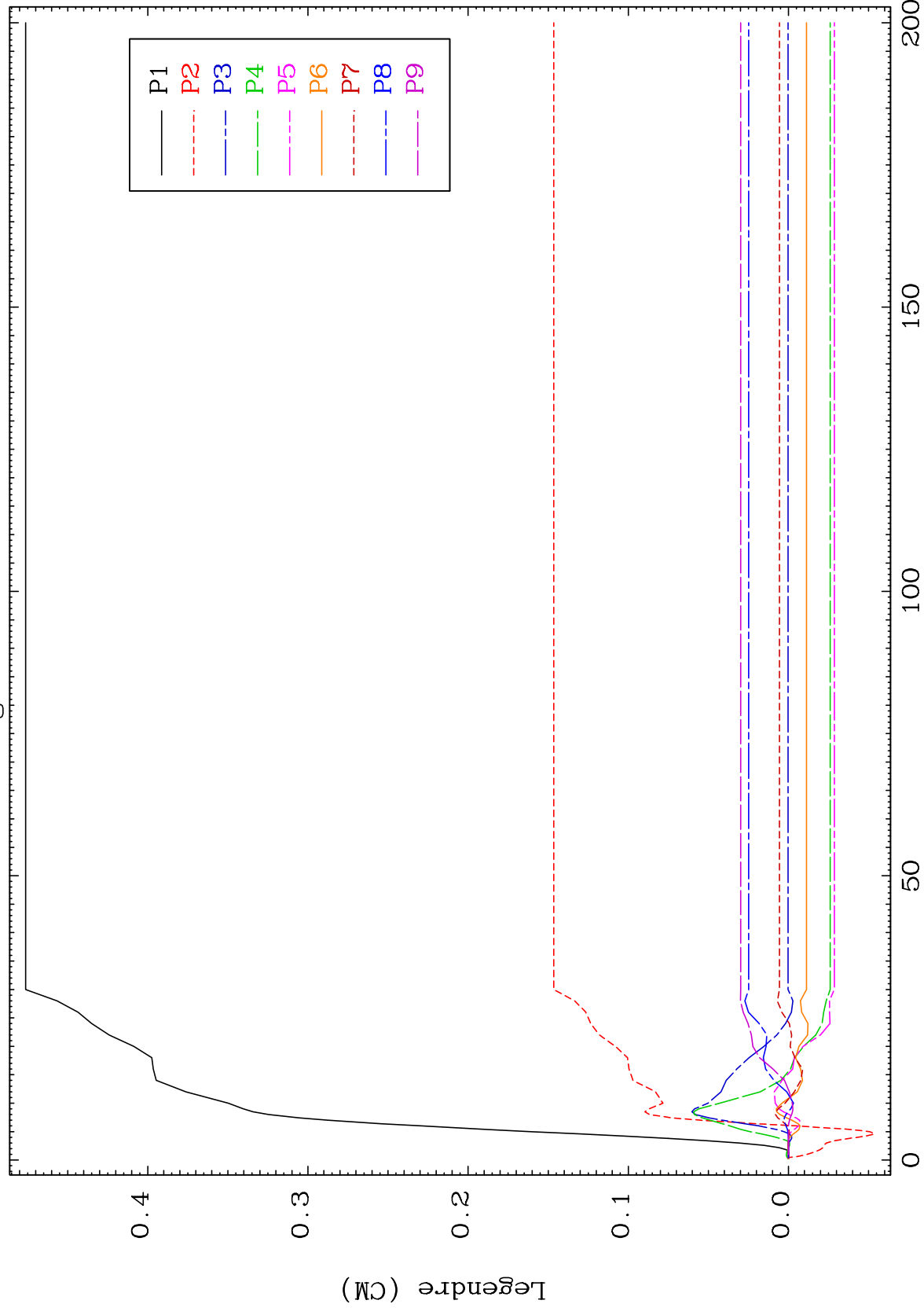
80-Hg-187



MAT 7998

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

80-Hg-187



80-Hg-187

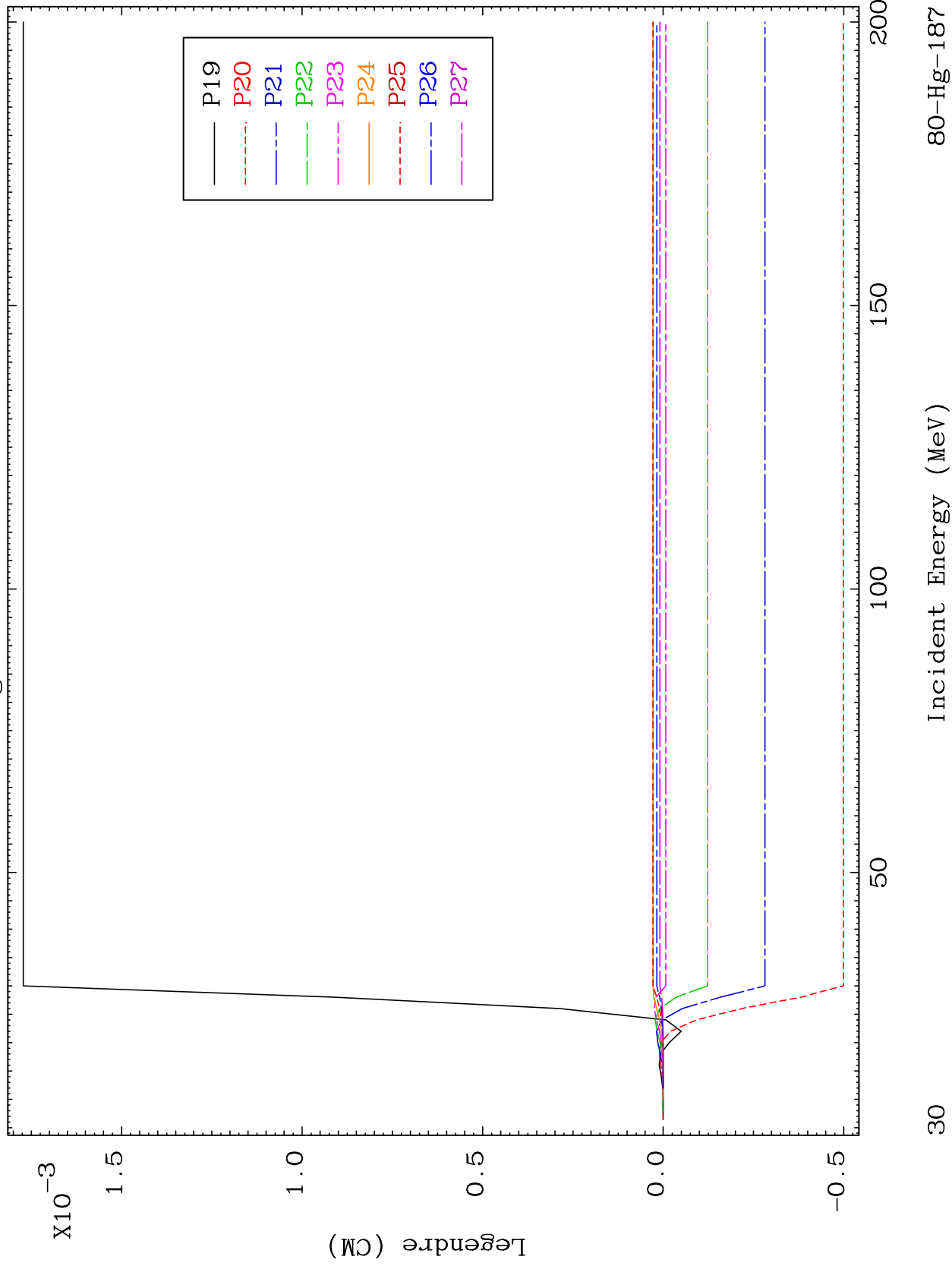
Incident Energy (MeV)

28

MAT 7998

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

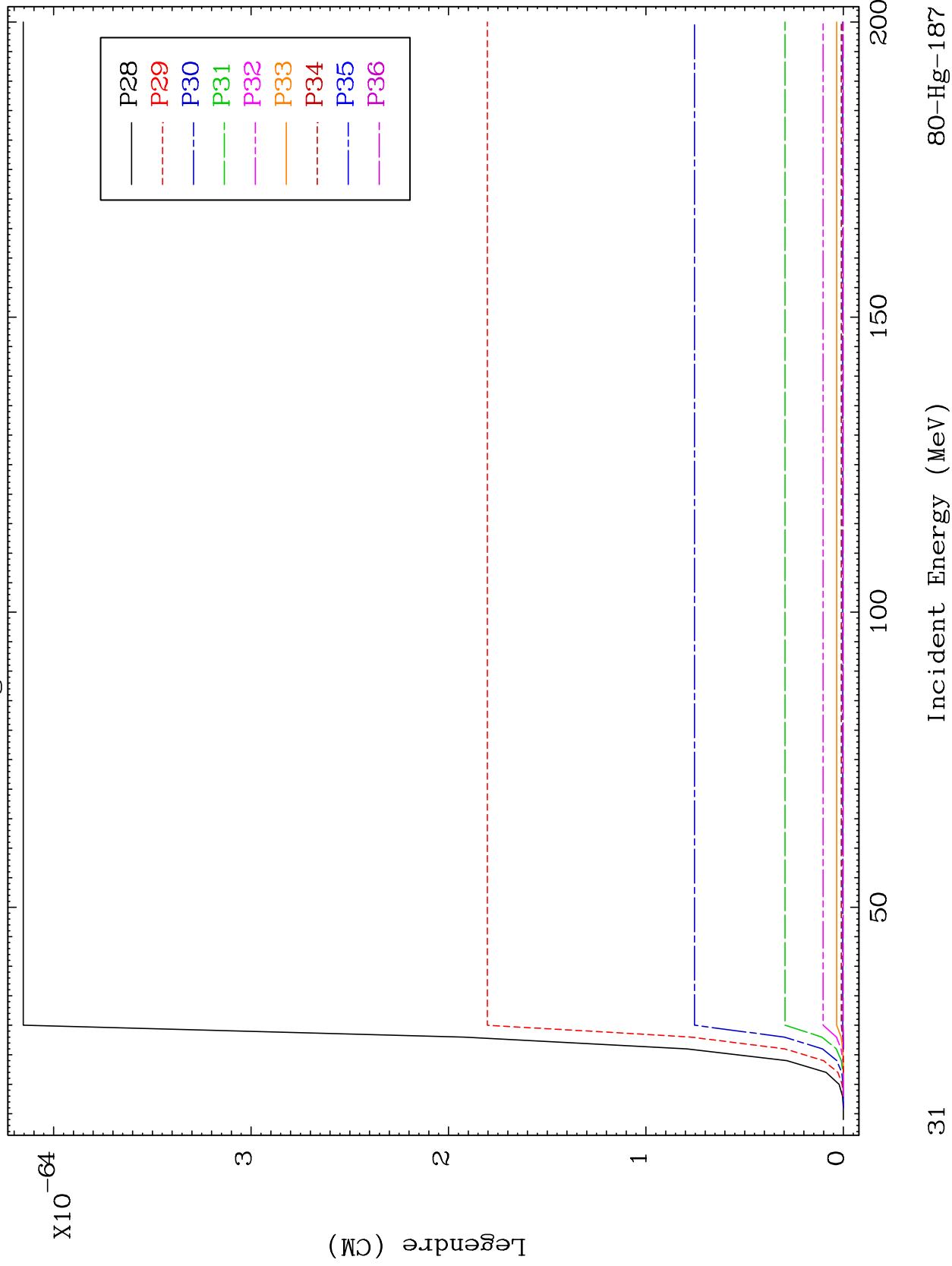
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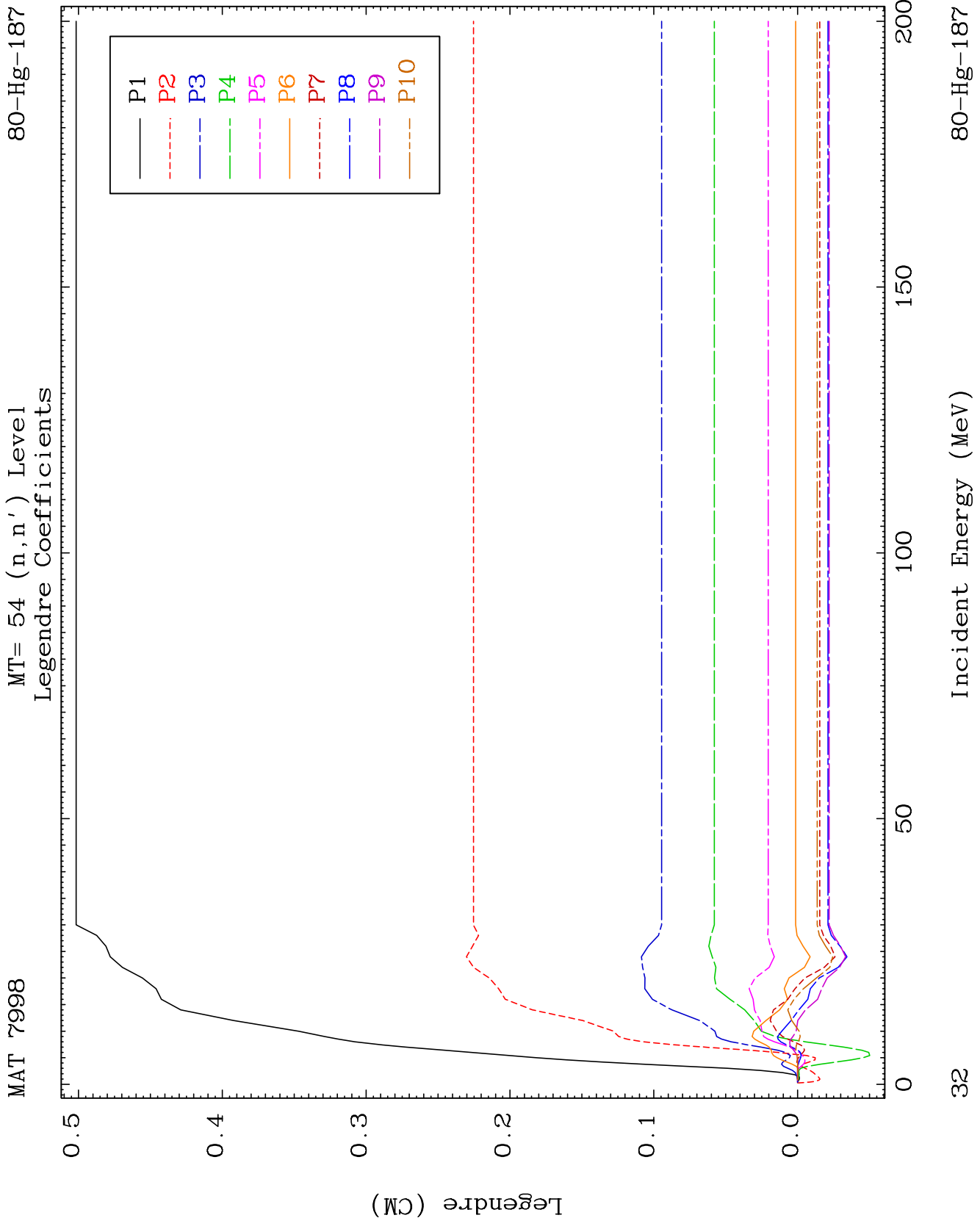


MAT 7998

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

80-Hg-187

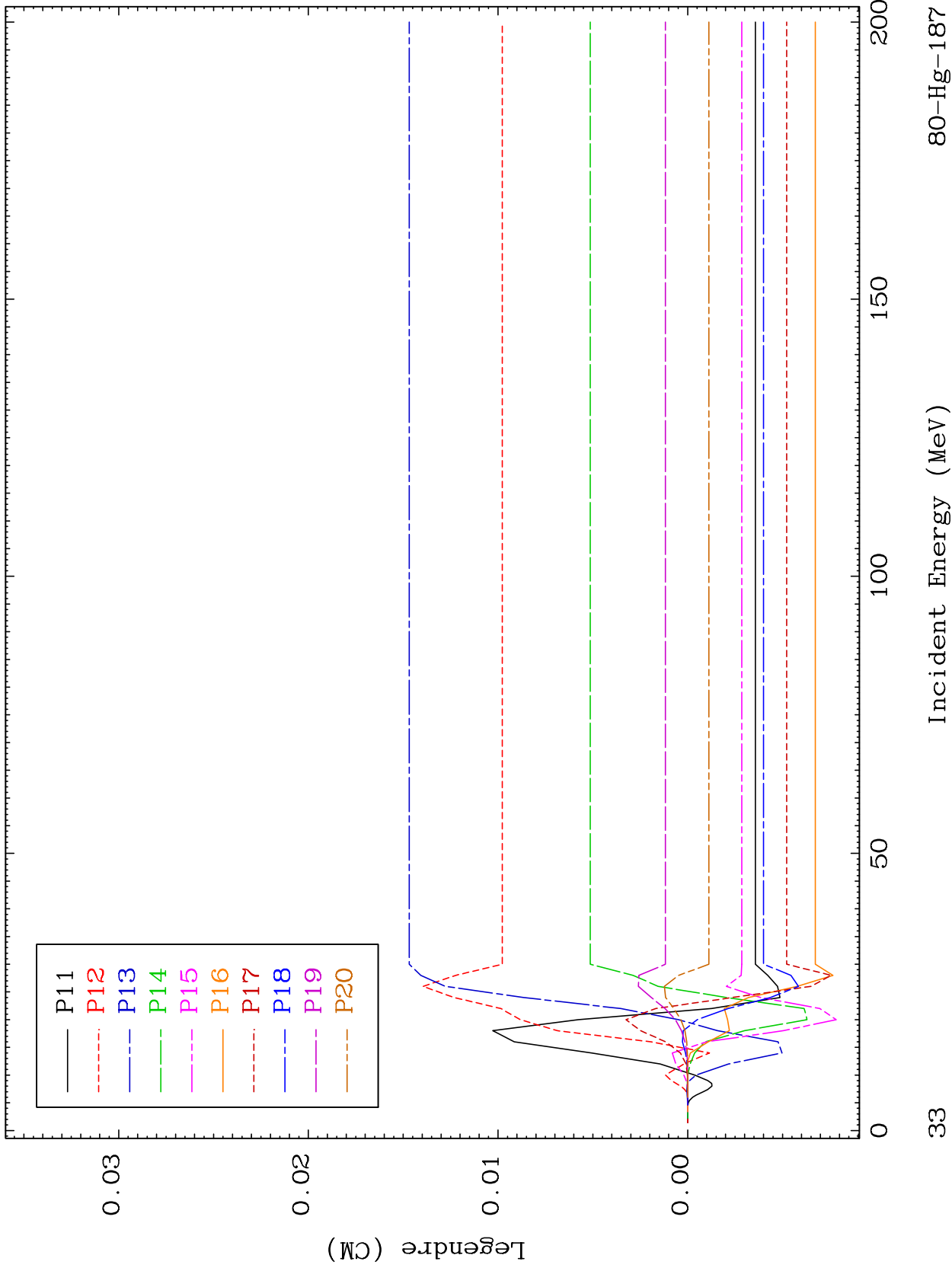




MAT 7998

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

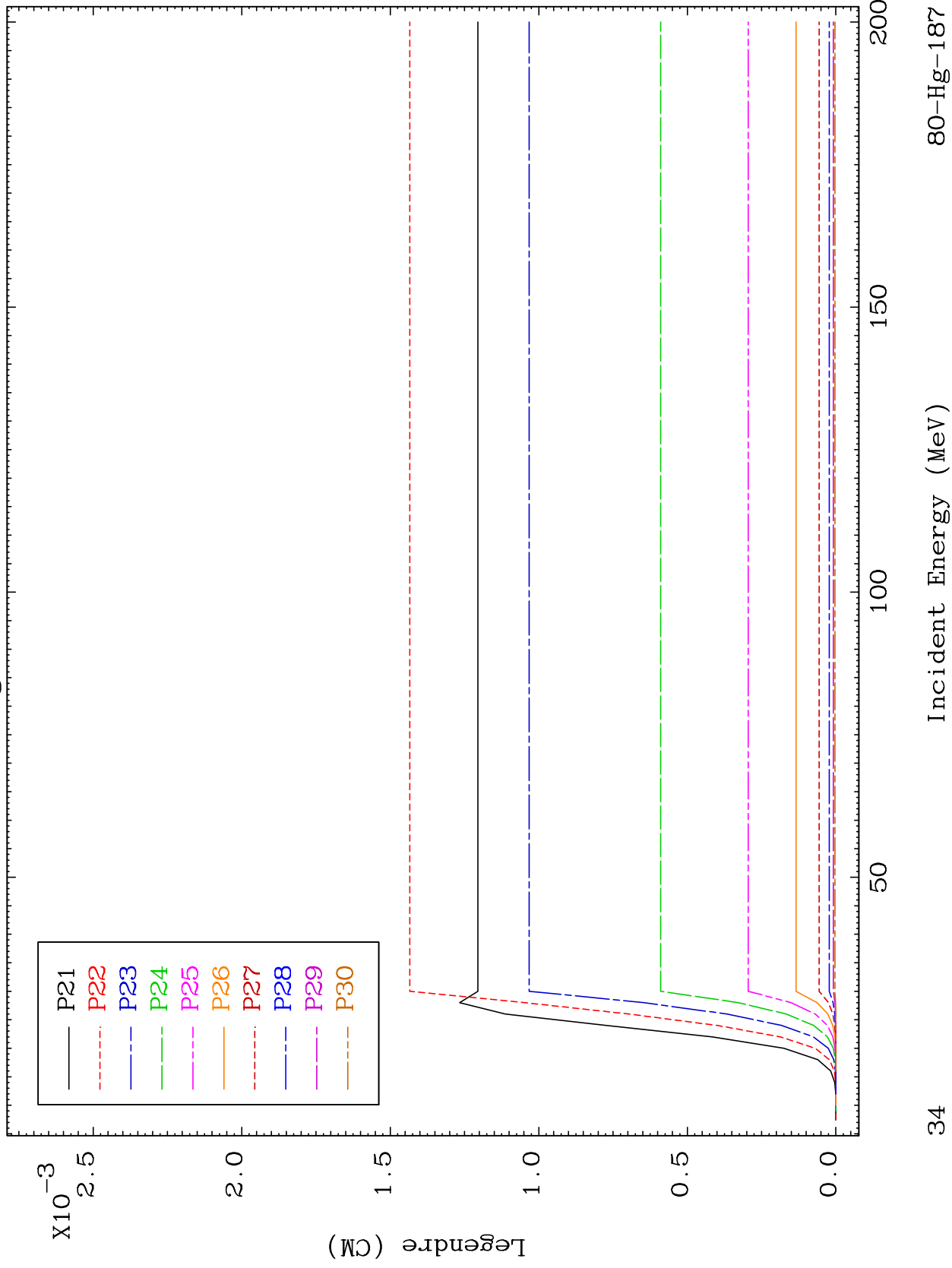
80-Hg-187



MAT 7998

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

80-Hg-187



34

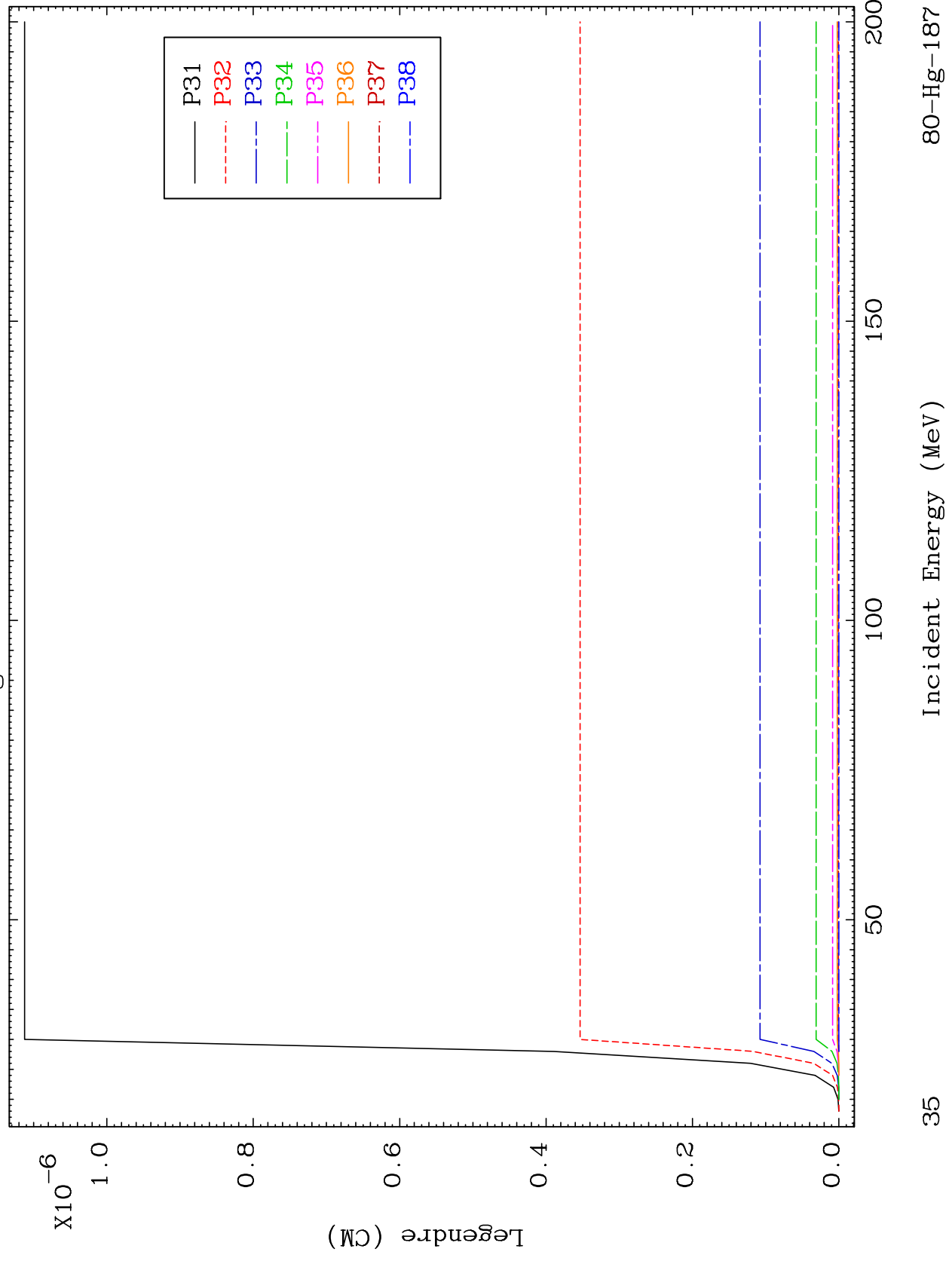
Incident Energy (MeV)

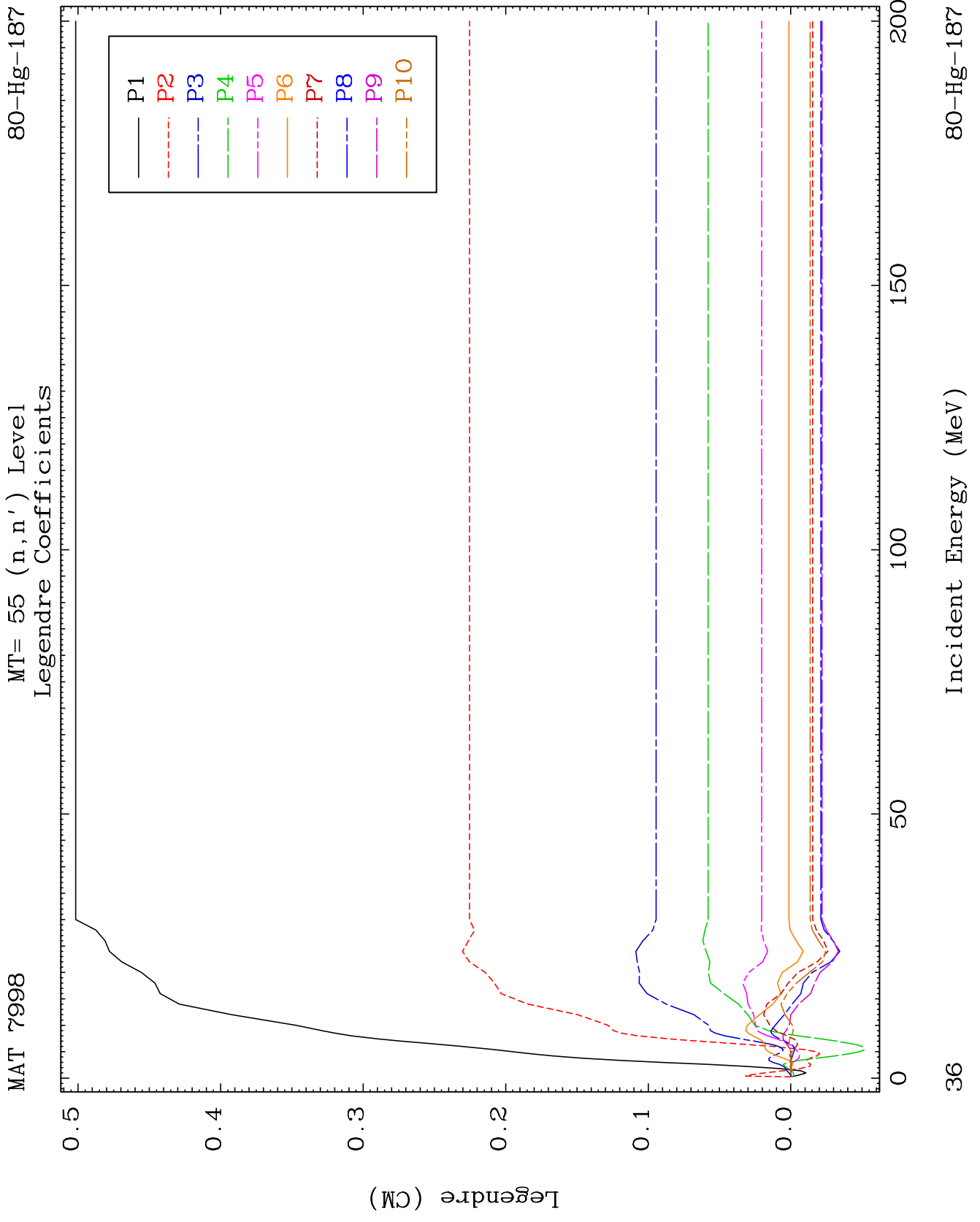
80-Hg-187

MAT 7998

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

80-Hg-187





80-Hg-187

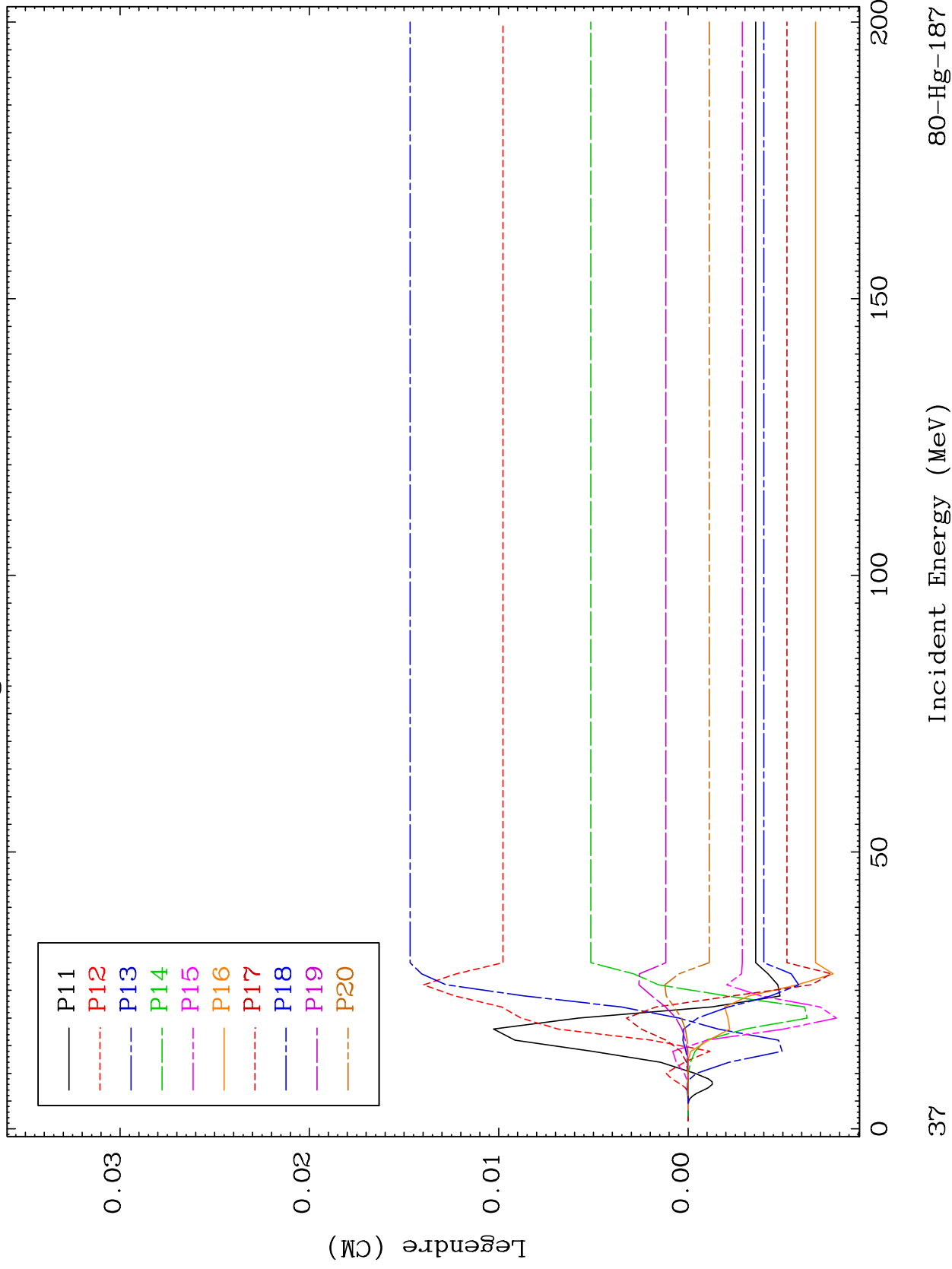
Incident Energy (MeV)

36

MAT 7998

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

80-Hg-187



37

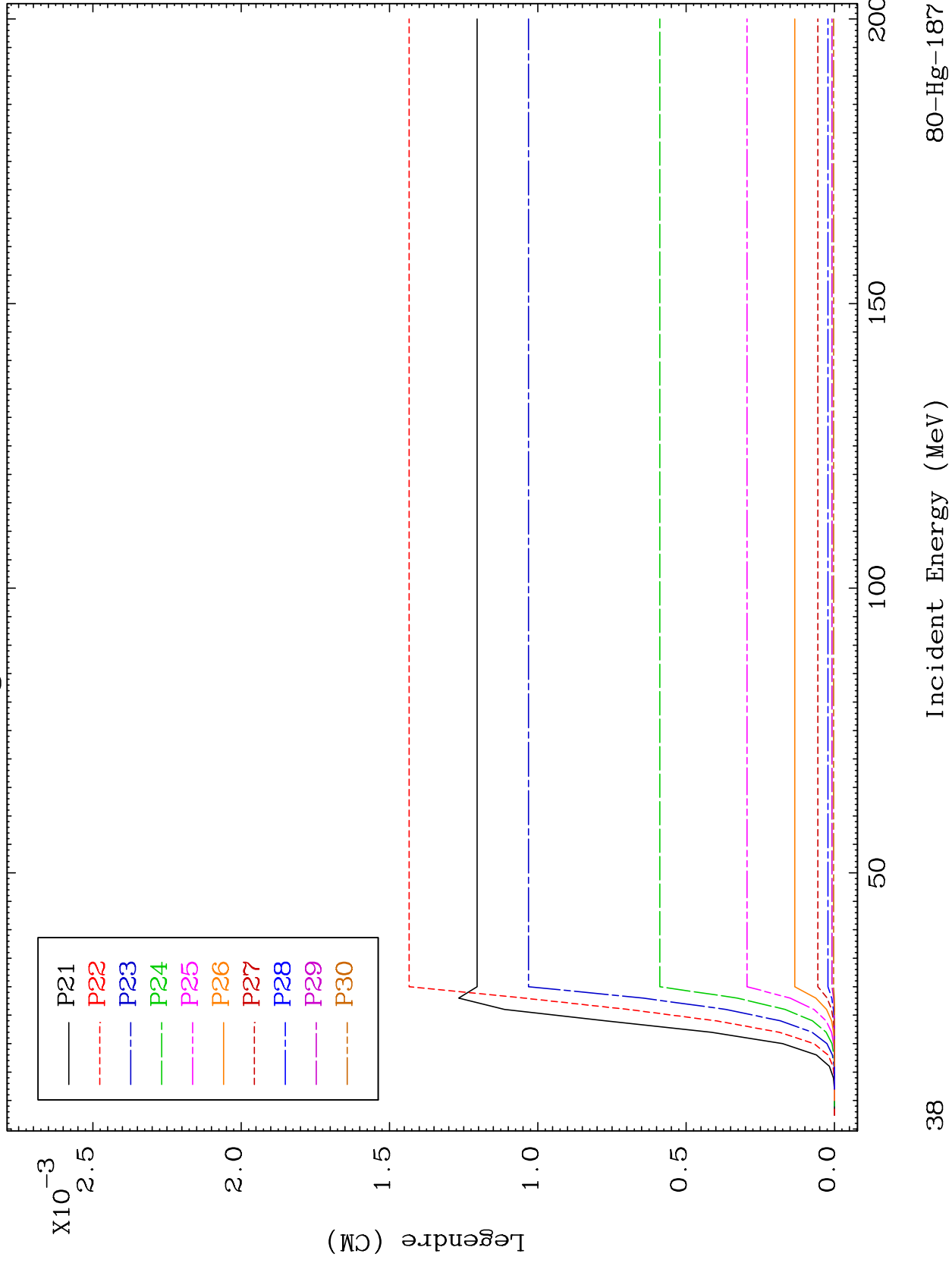
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



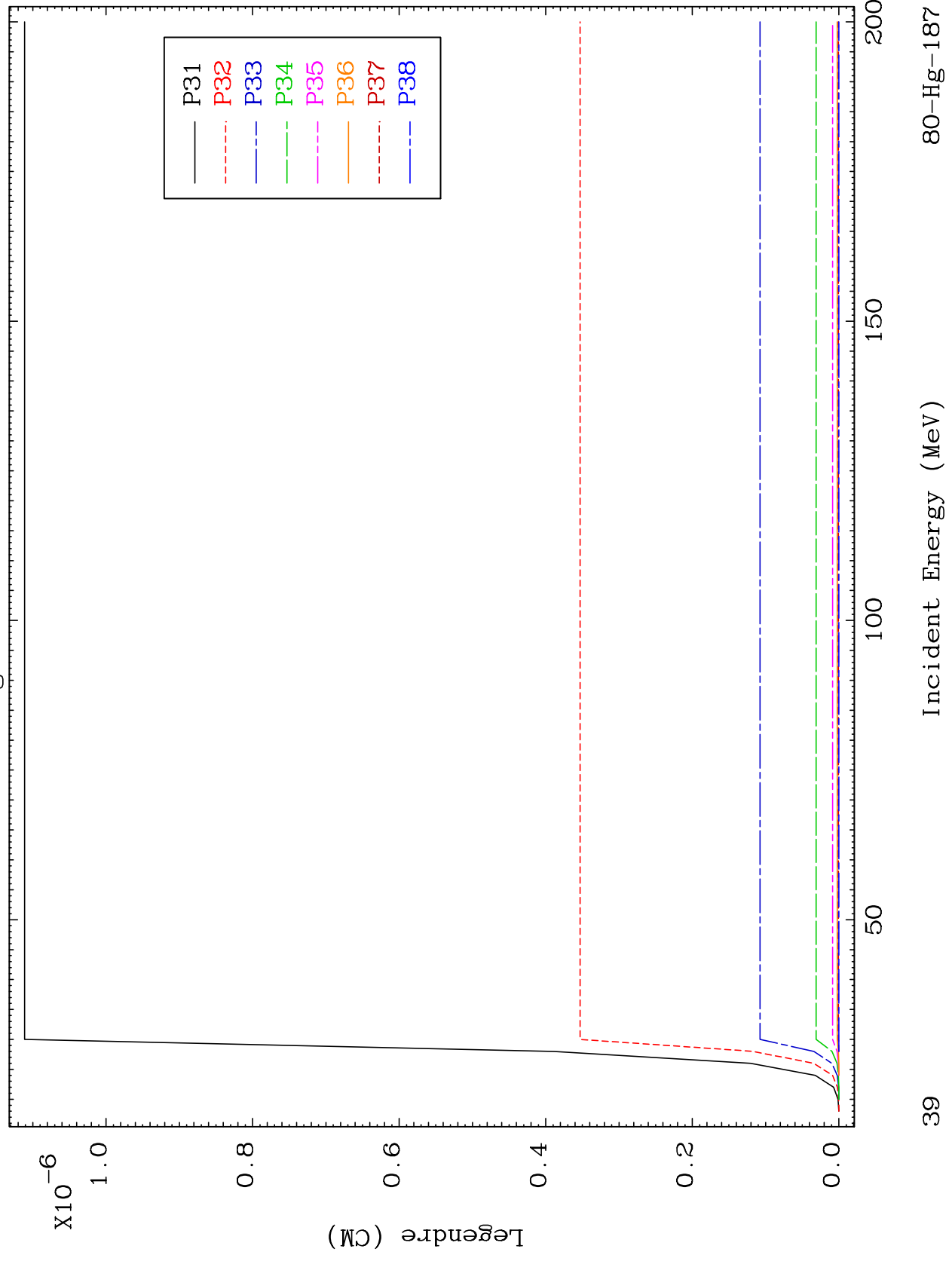
38

80-Hg-187

MAT 7998

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

80-Hg-187



39

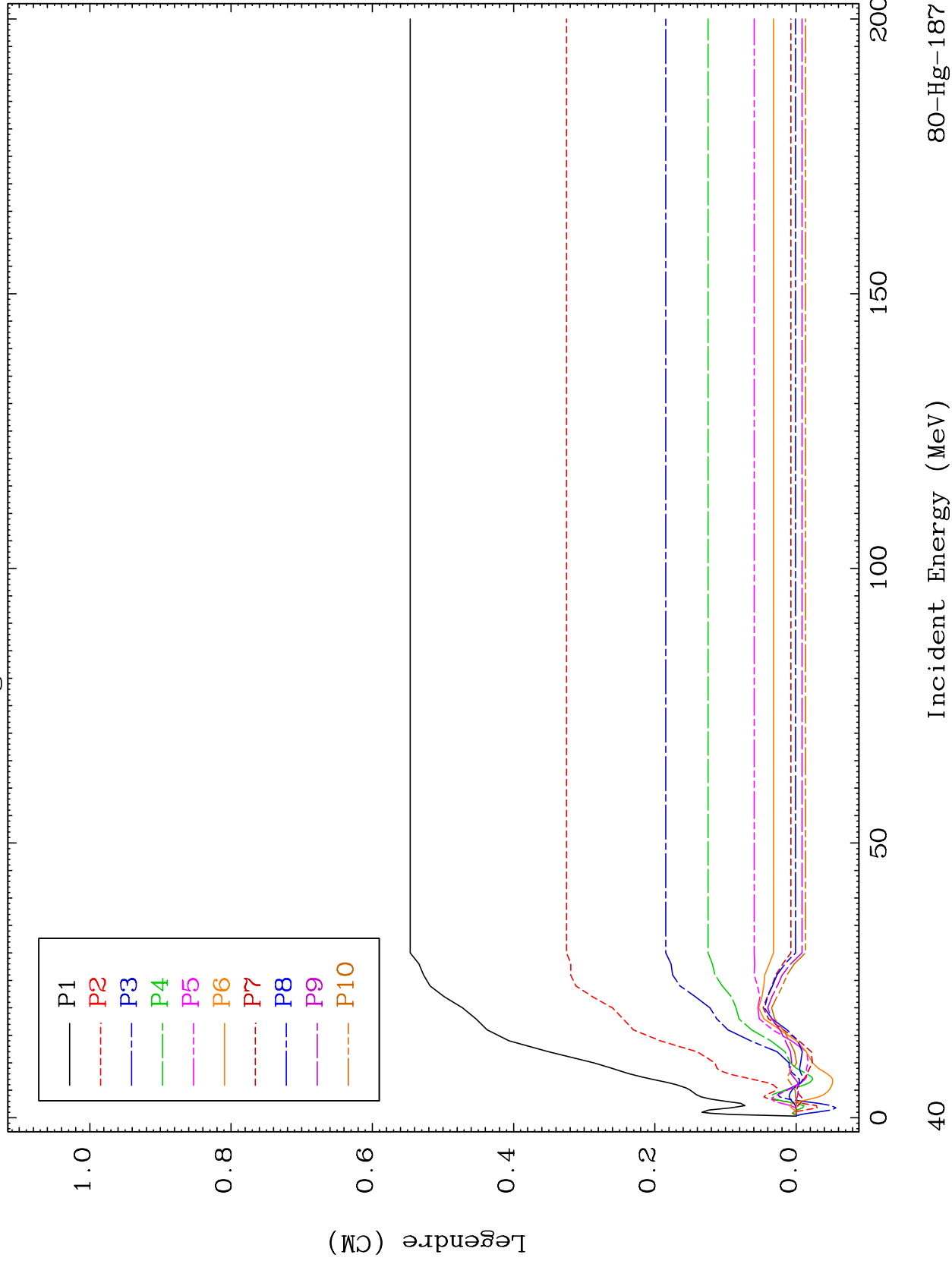
Incident Energy (MeV)

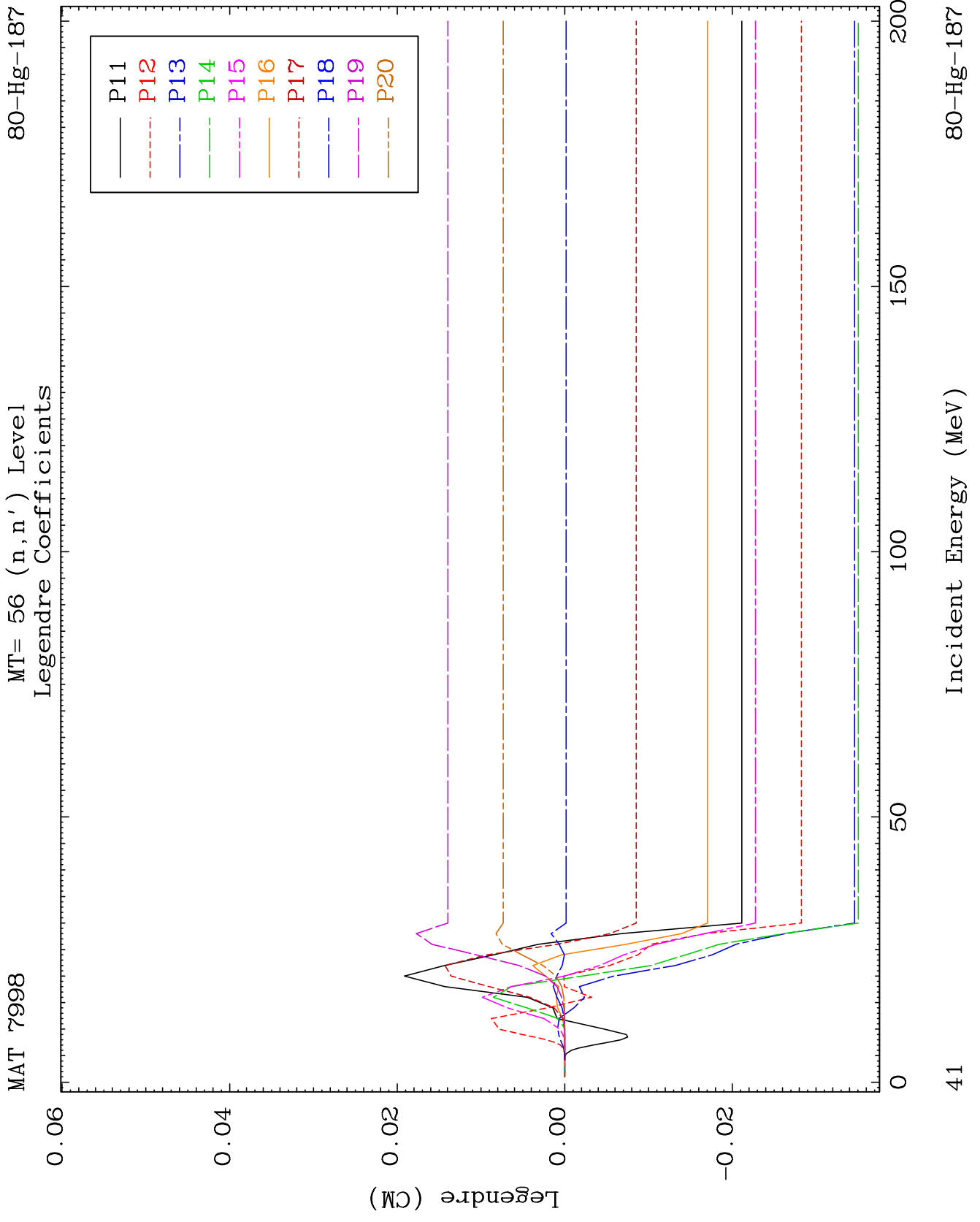
80-Hg-187

MAT 7998

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

80-Hg-187

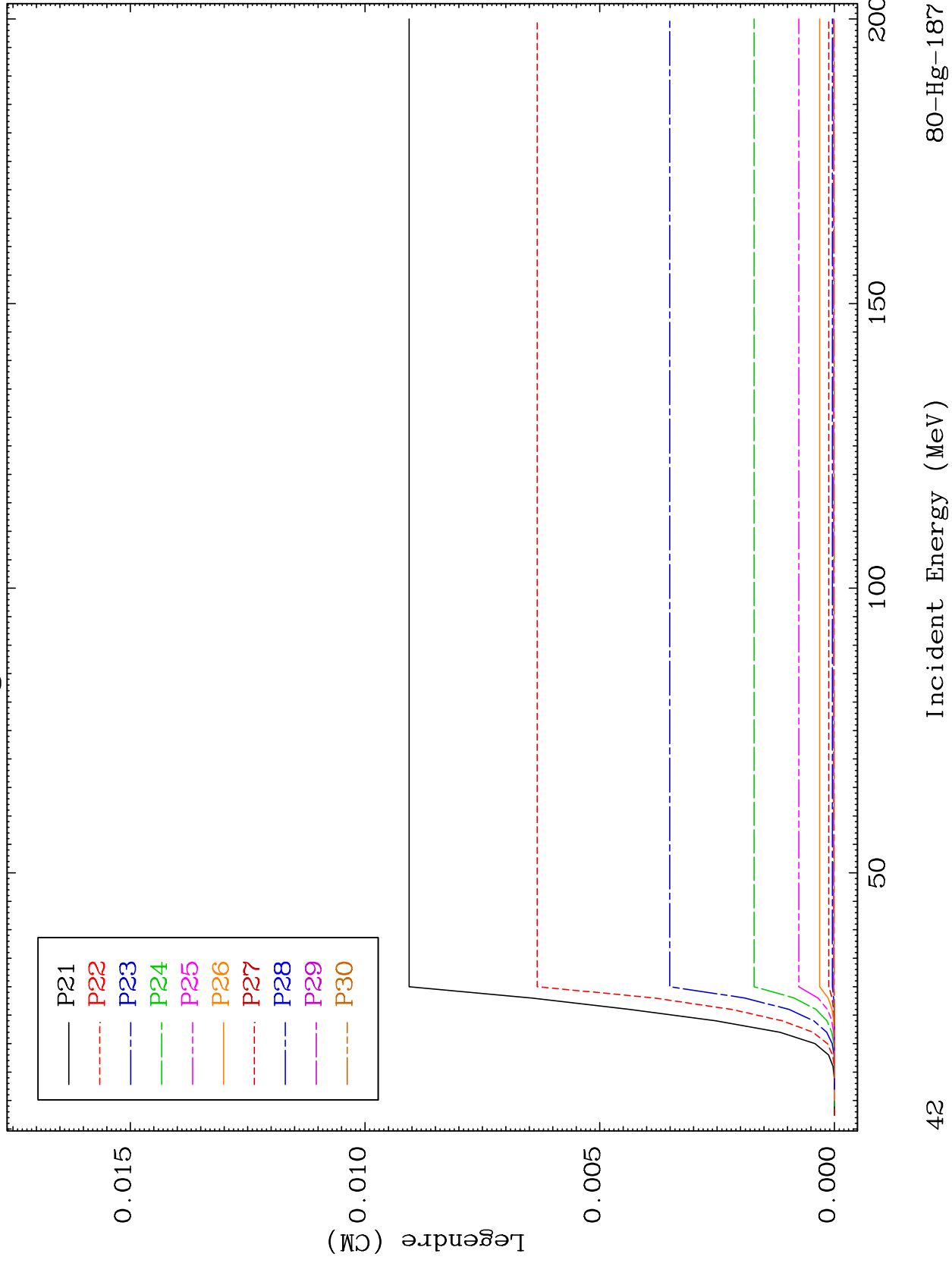




MAT 7998

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

80-Hg-187



42

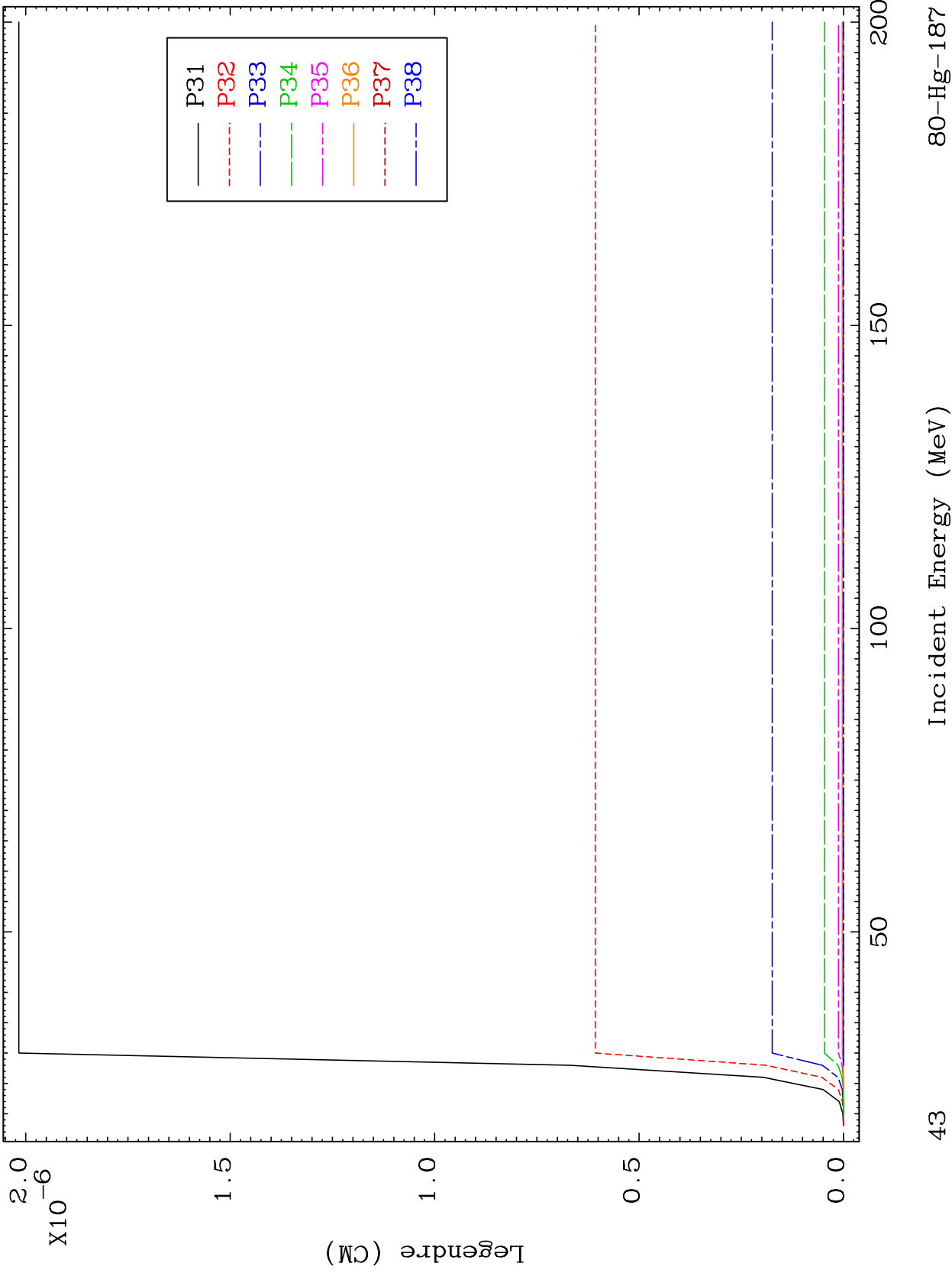
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



43

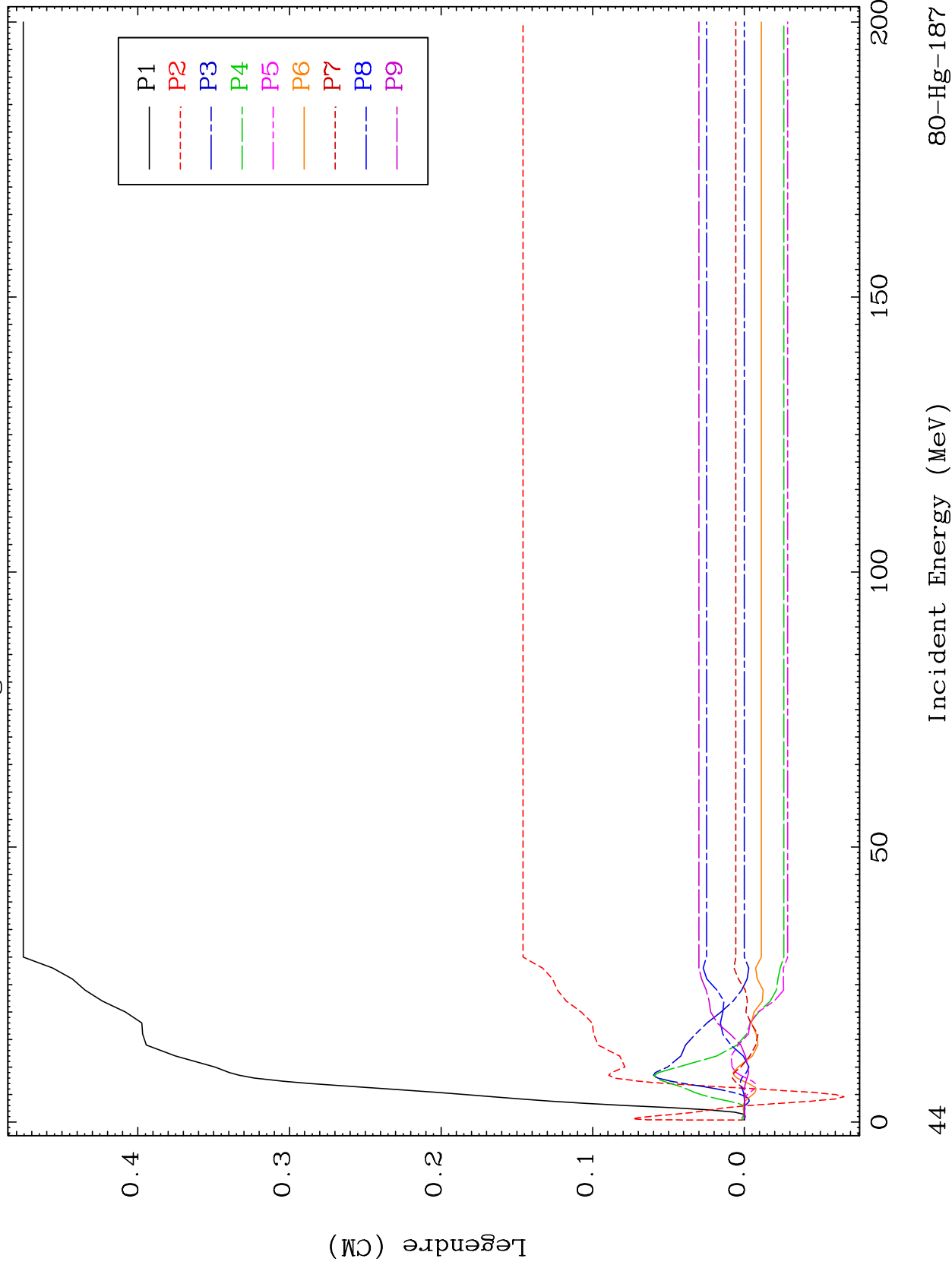
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

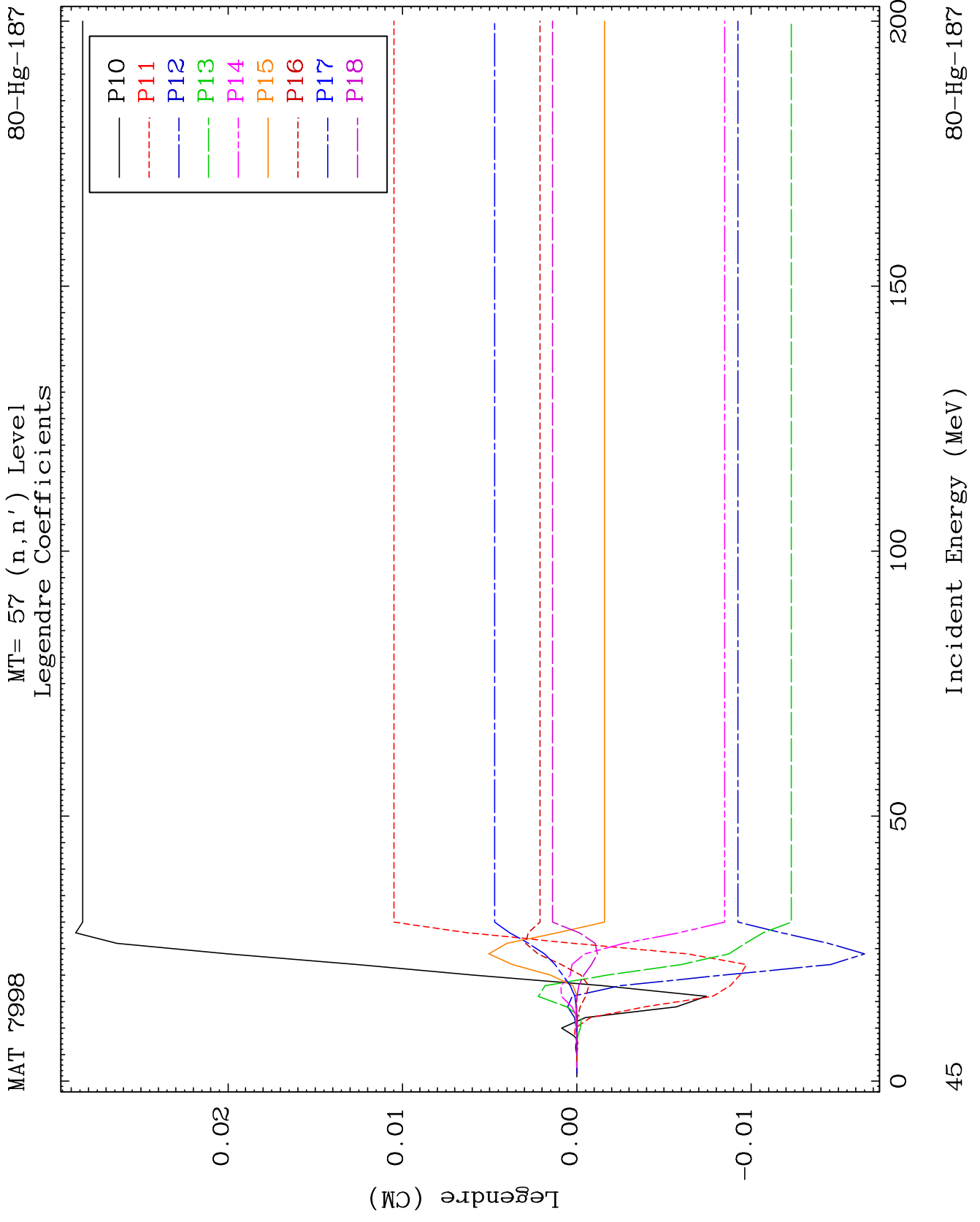
80-Hg-187



44

Incident Energy (MeV)

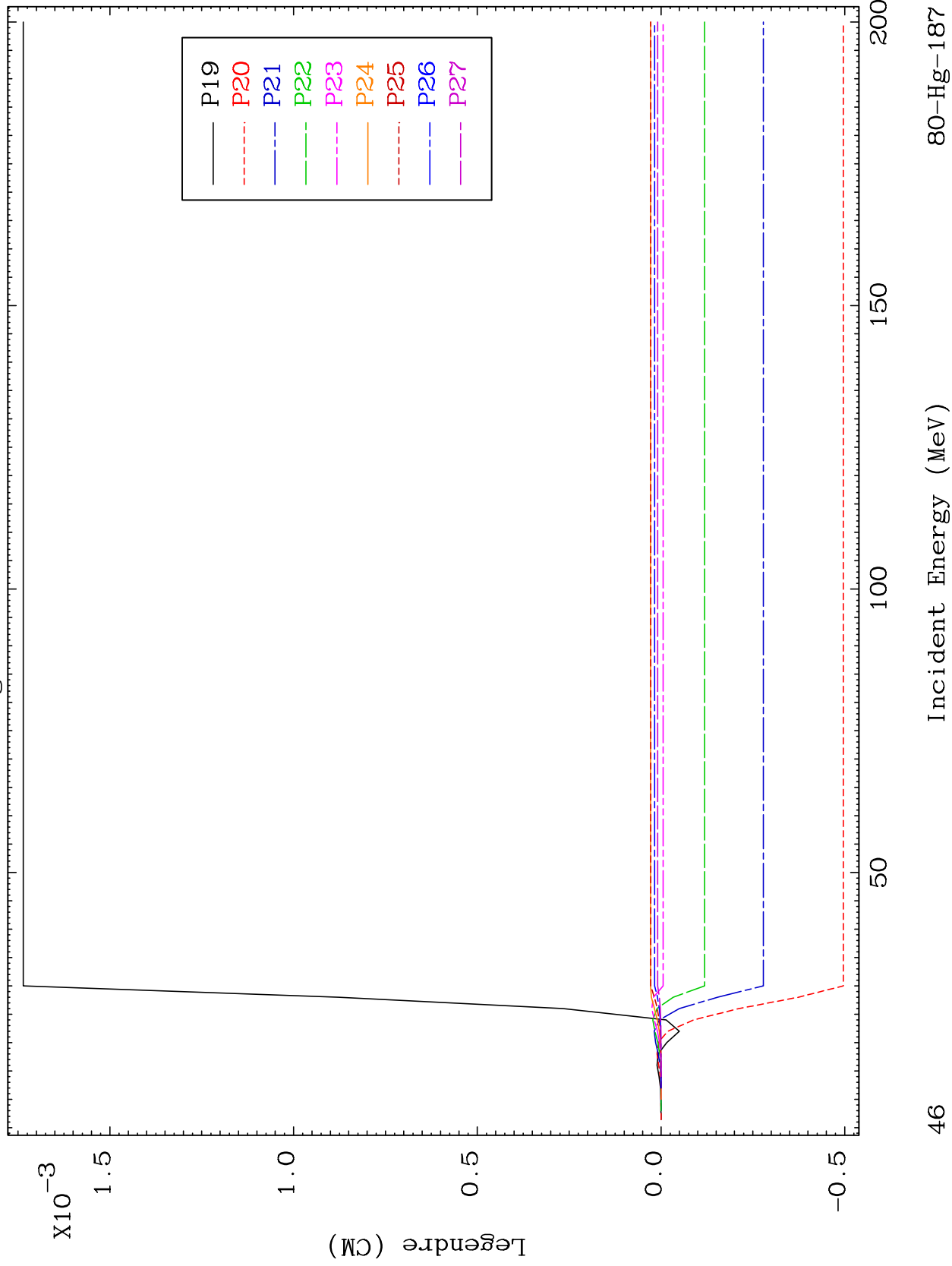
80-Hg-187



MAT 7998

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

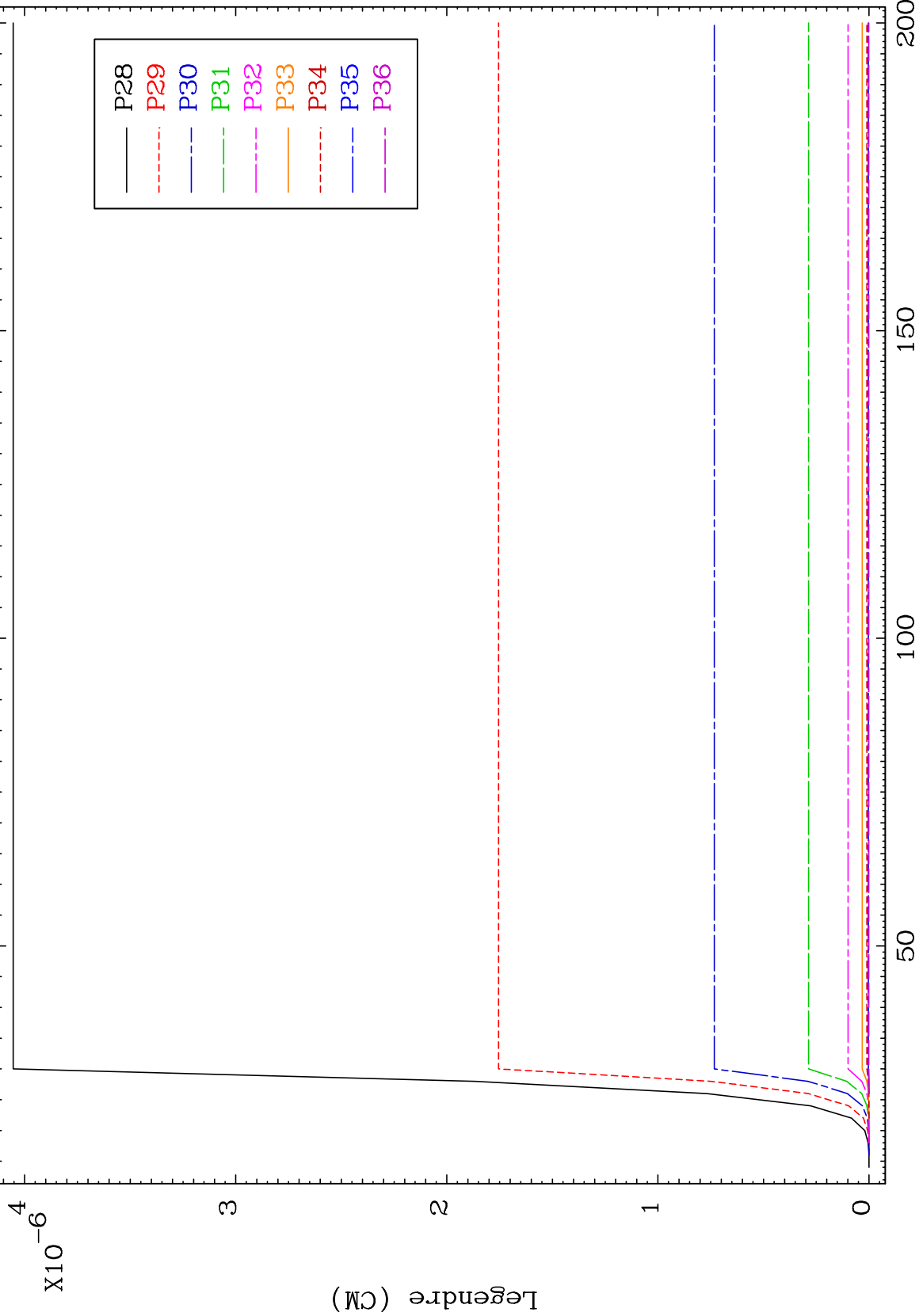
80-Hg-187



MAT 7998

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

80-Hg-187



47

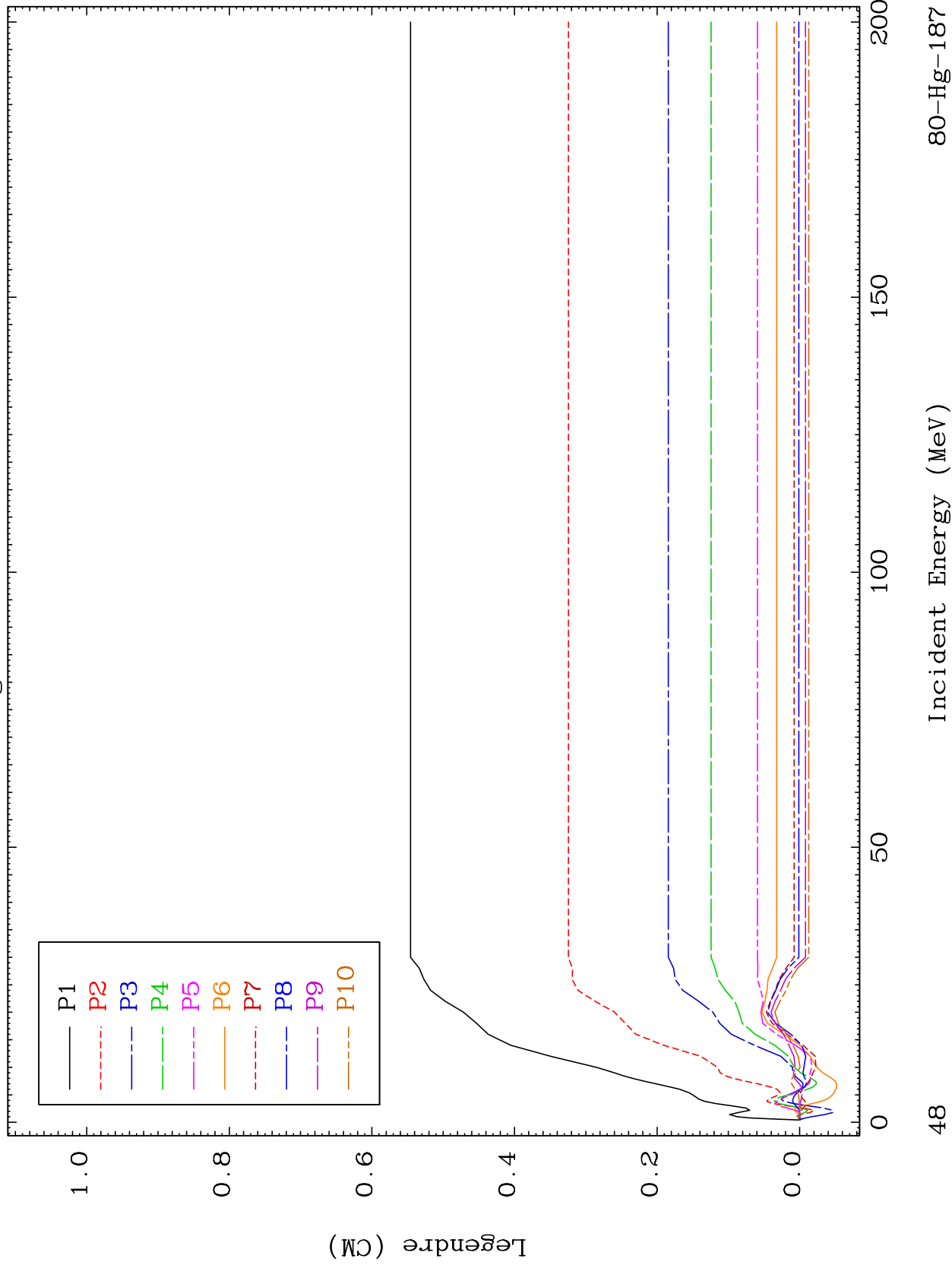
Incident Energy (MeV)

80-Hg-187

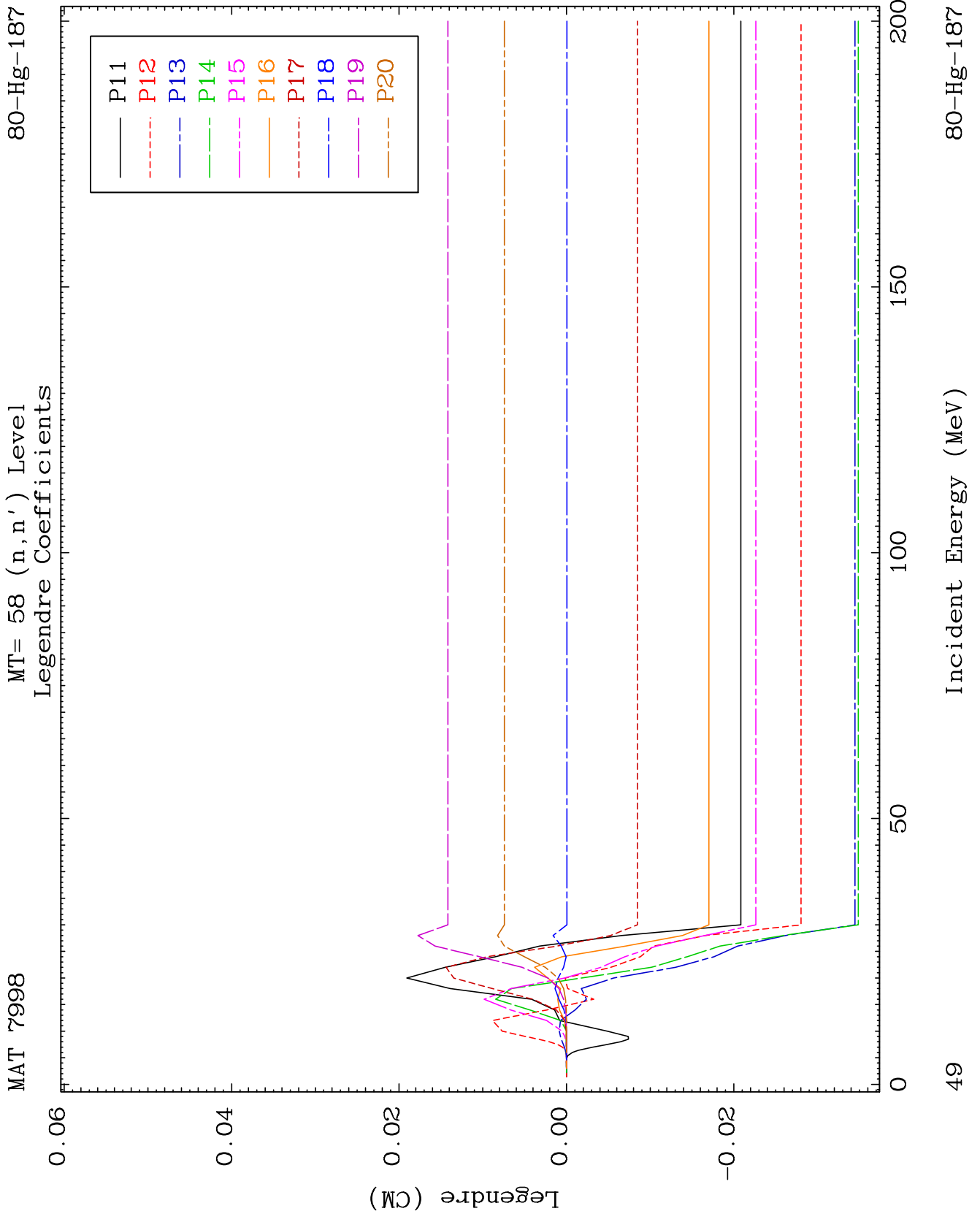
MAT 7998

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

80-Hg-187



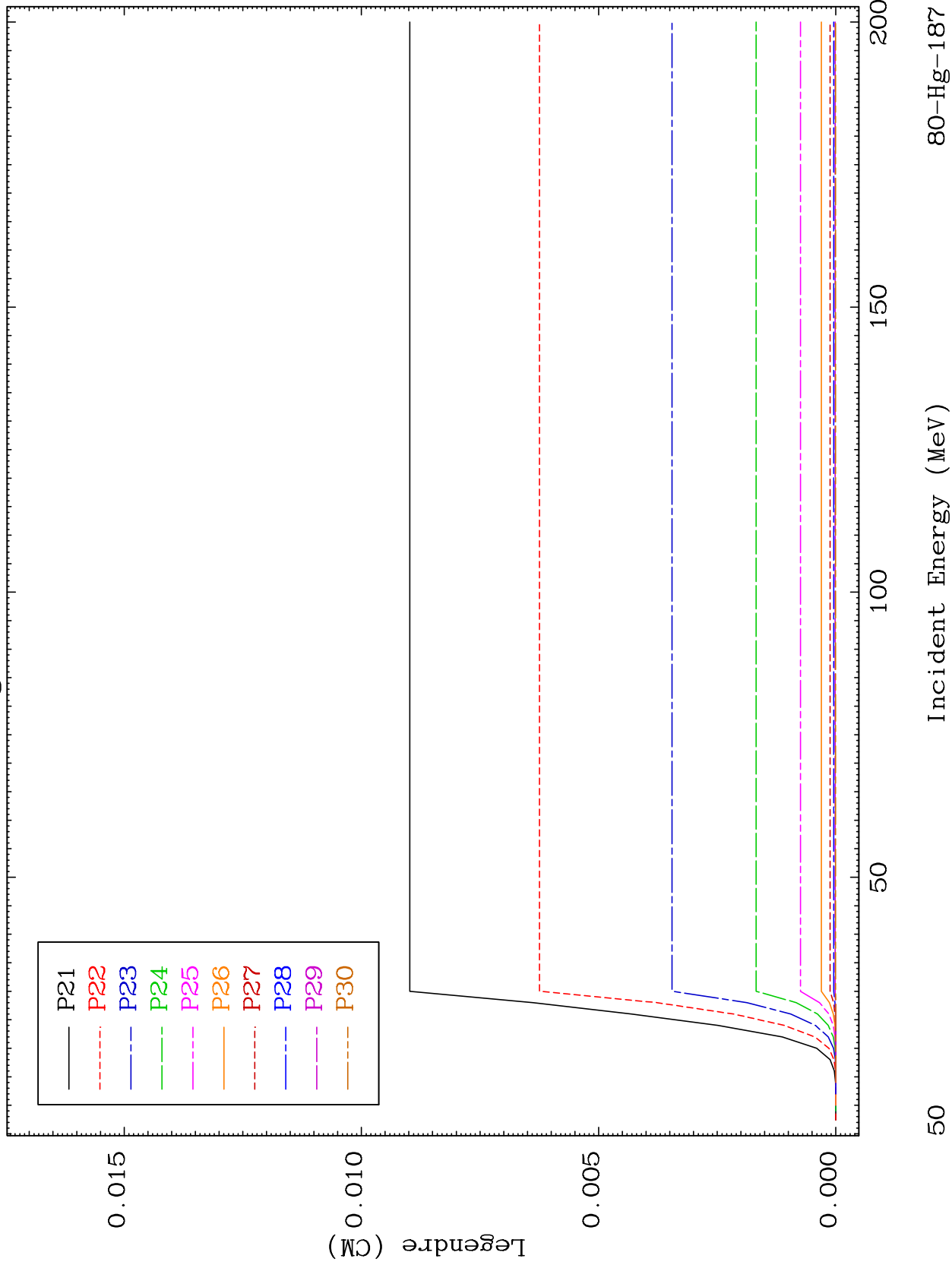
48



MAT 7998

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

80-Hg-187



80-Hg-187

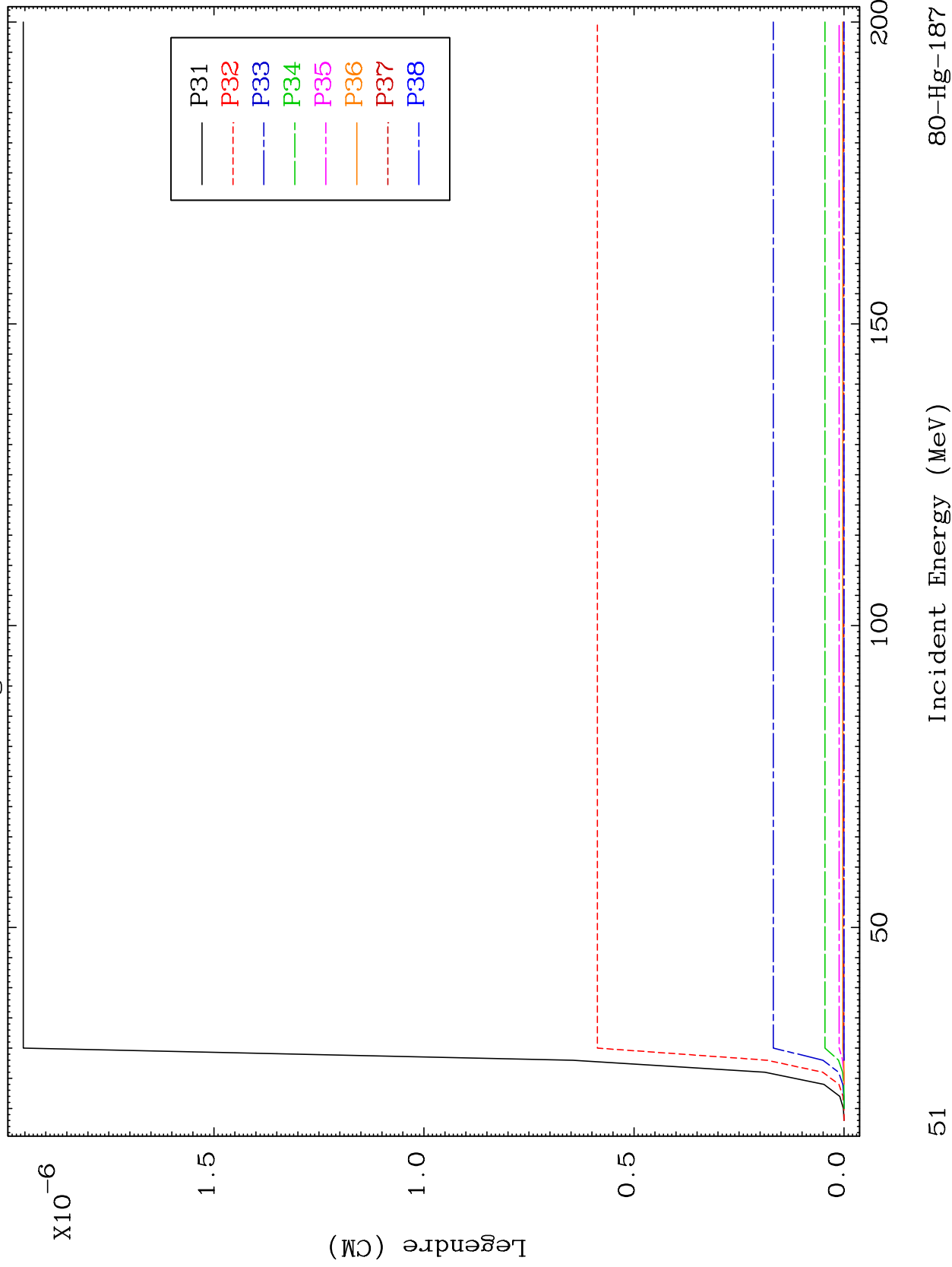
Incident Energy (MeV)

50

MAT 7998

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

80-Hg-187



51

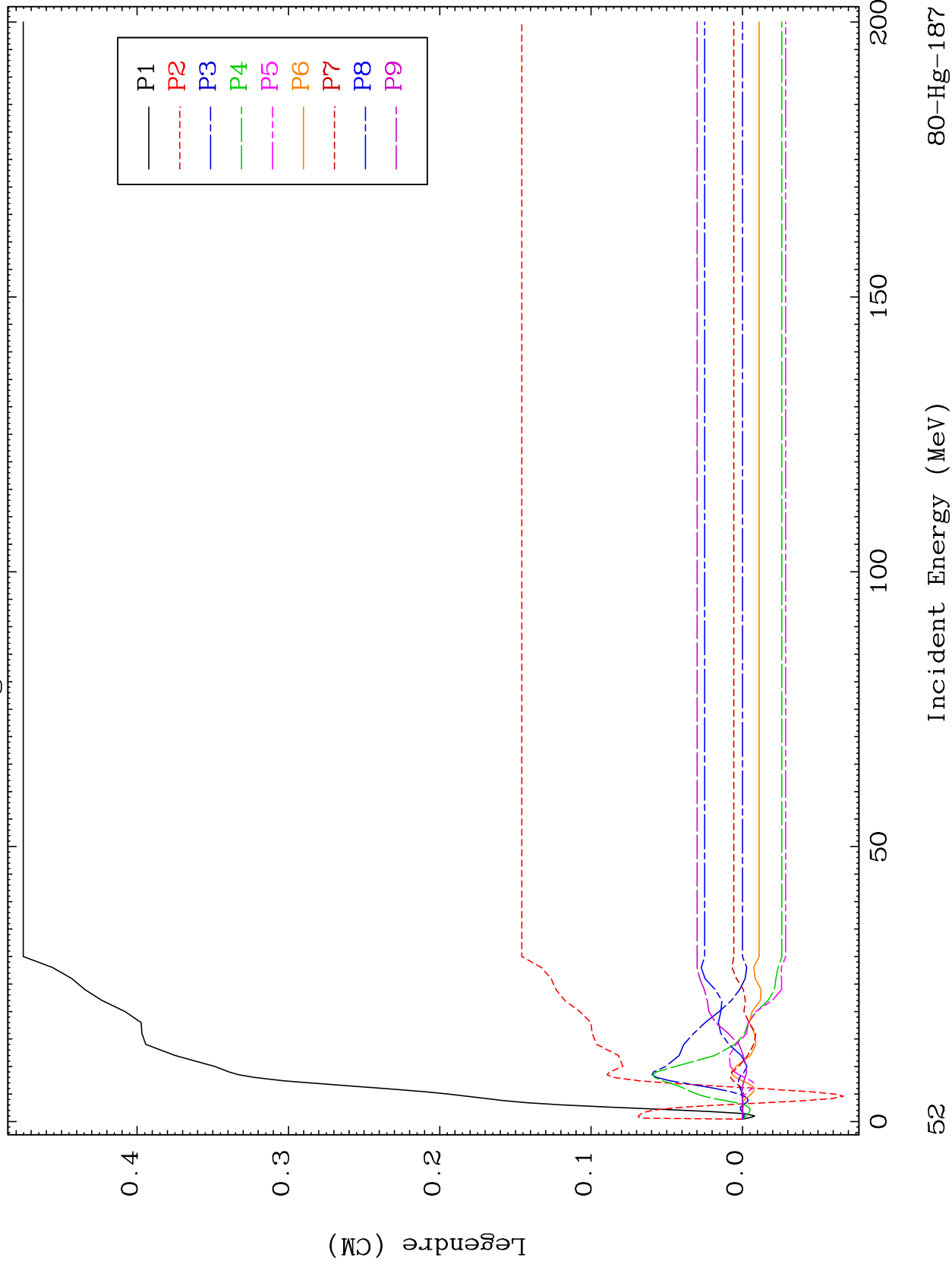
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

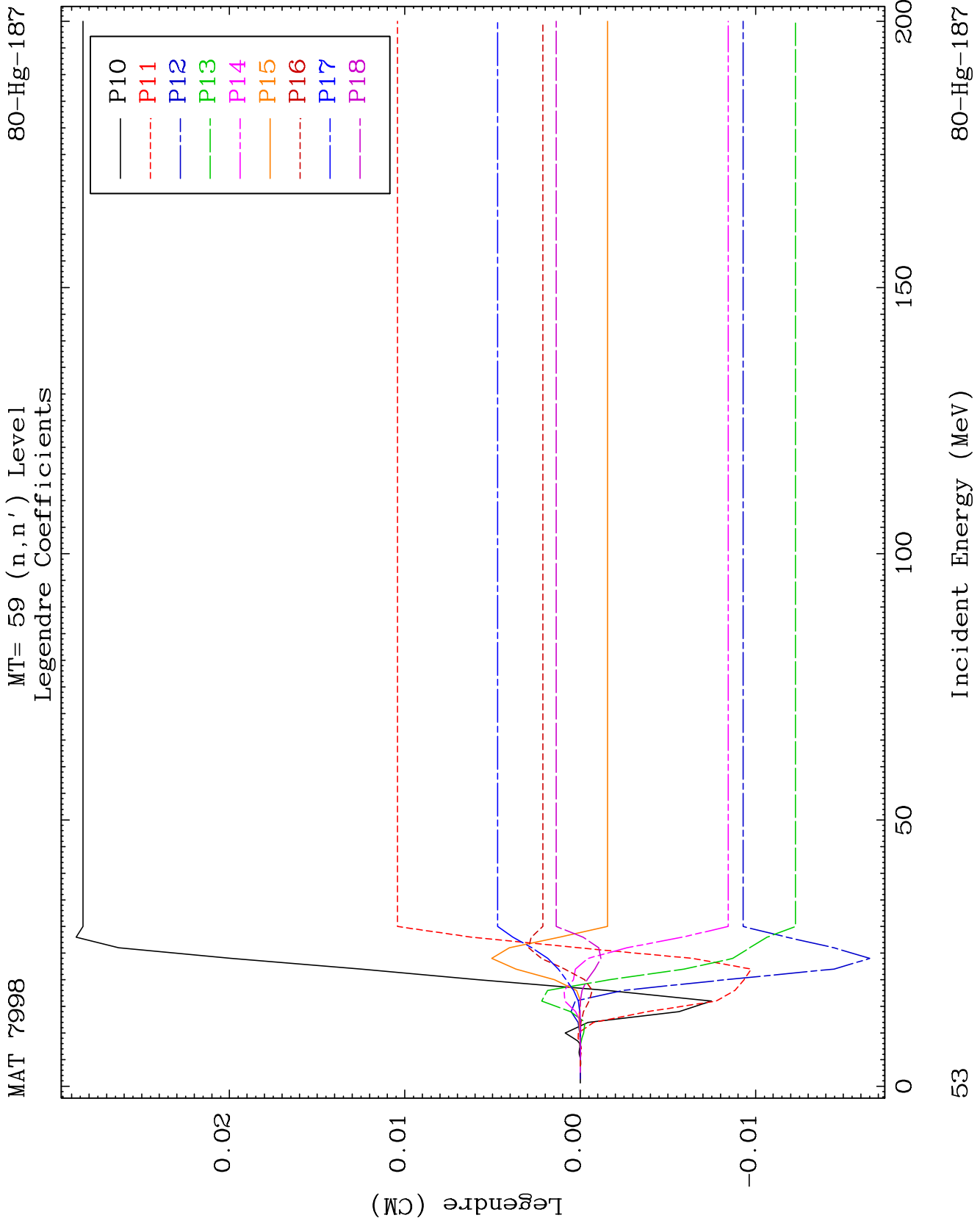
80-Hg-187



80-Hg-187

Incident Energy (MeV)

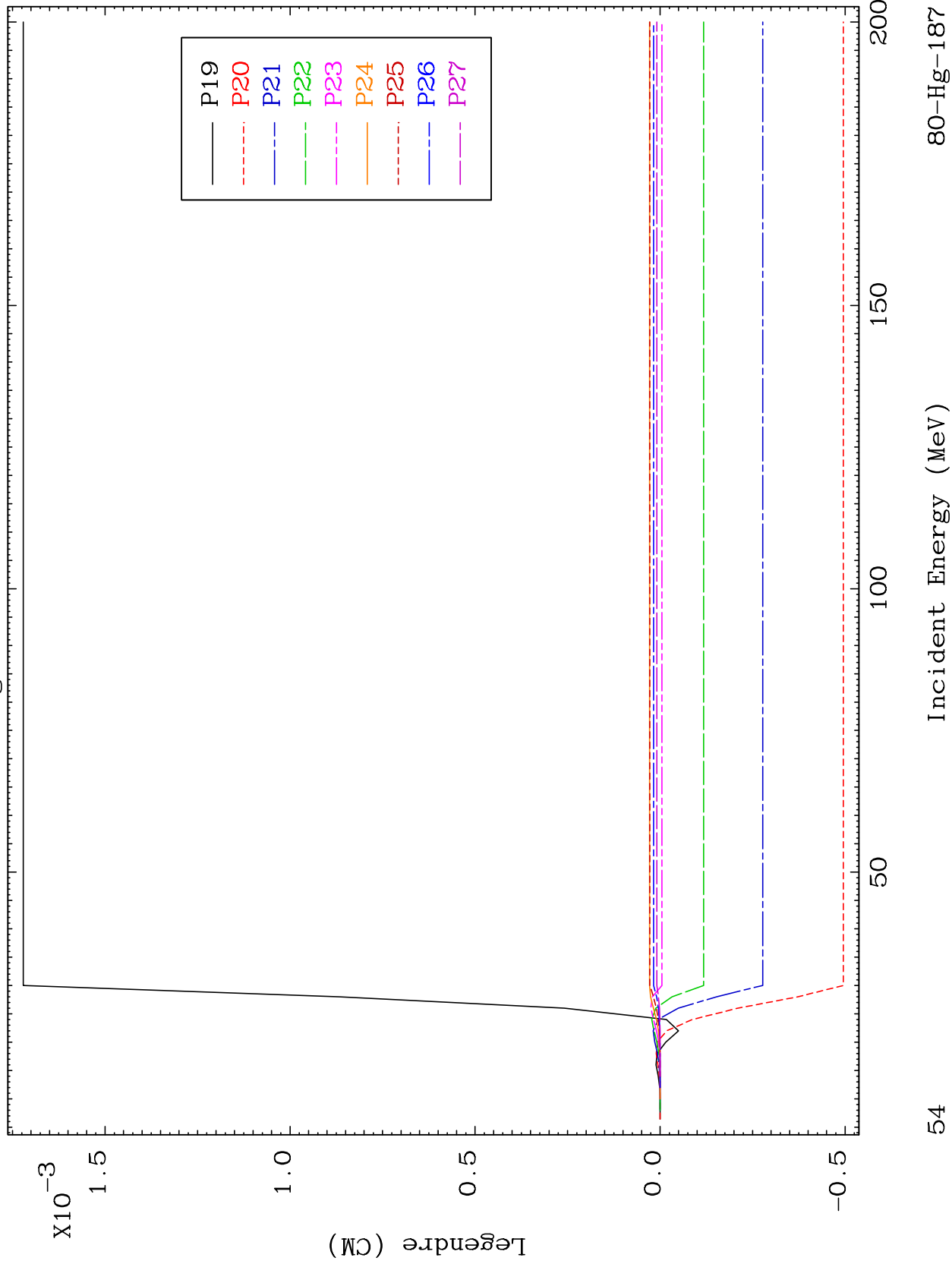
52



MAT 7998

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

80-Hg-187



54

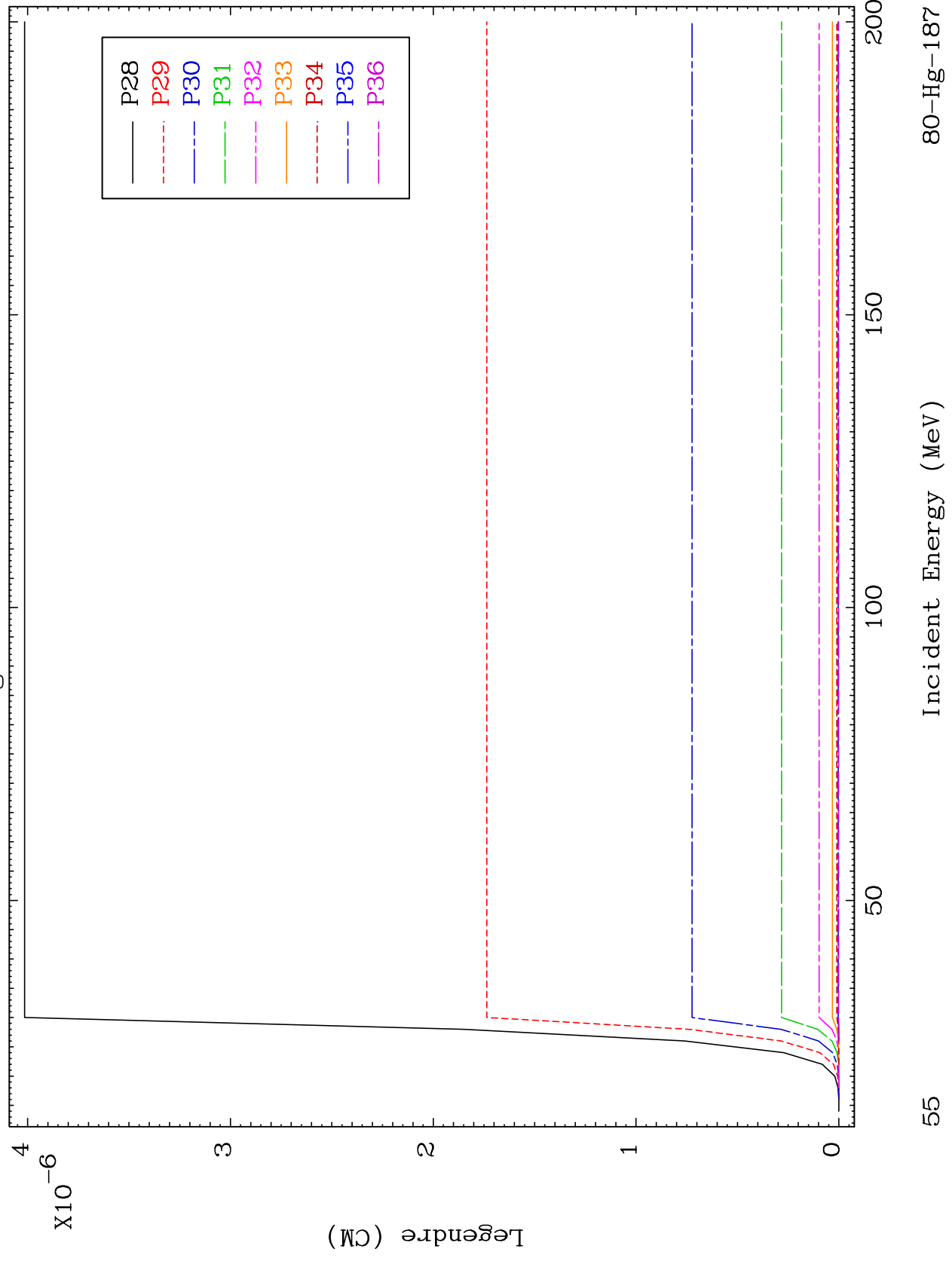
Incident Energy (MeV)

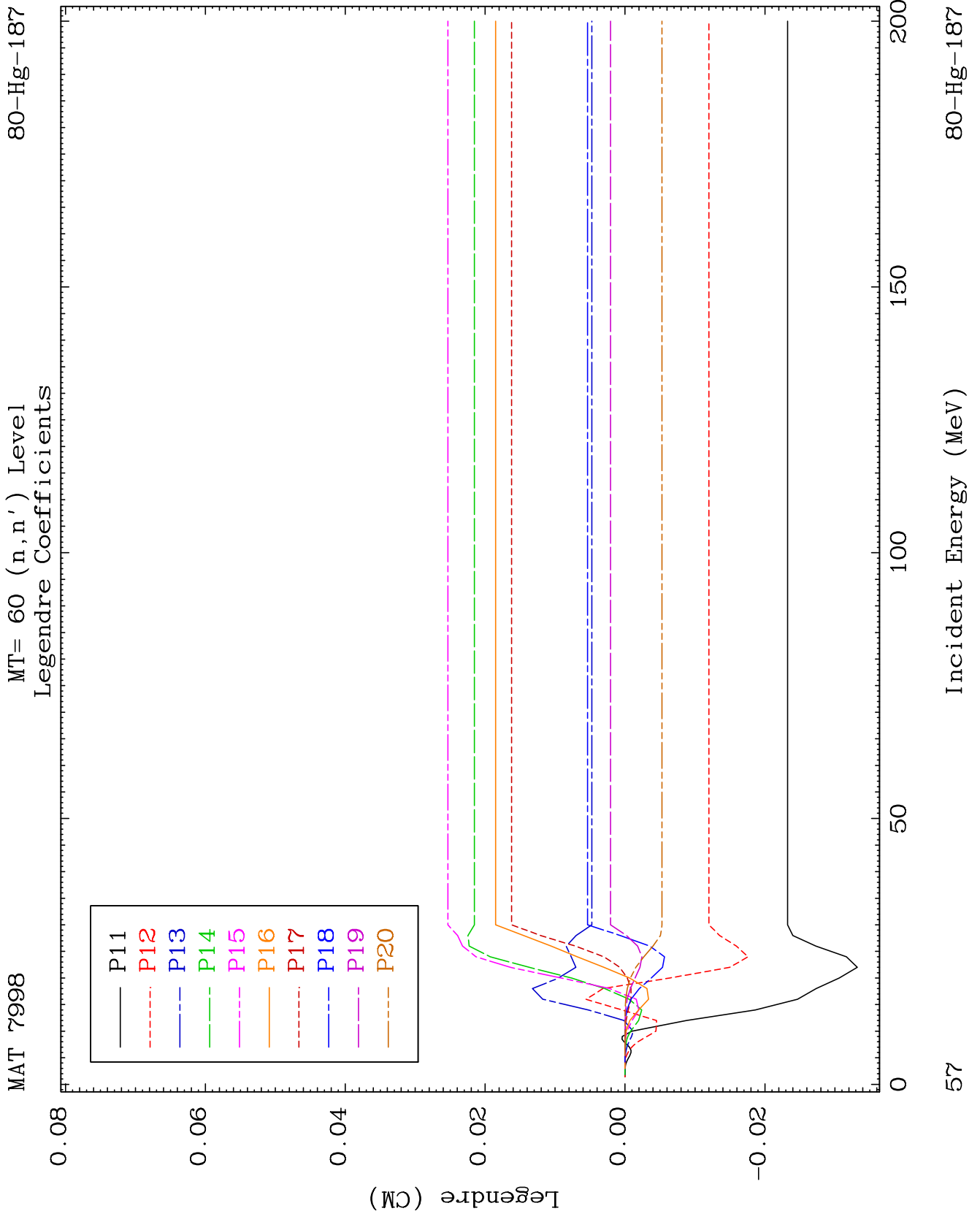
80-Hg-187

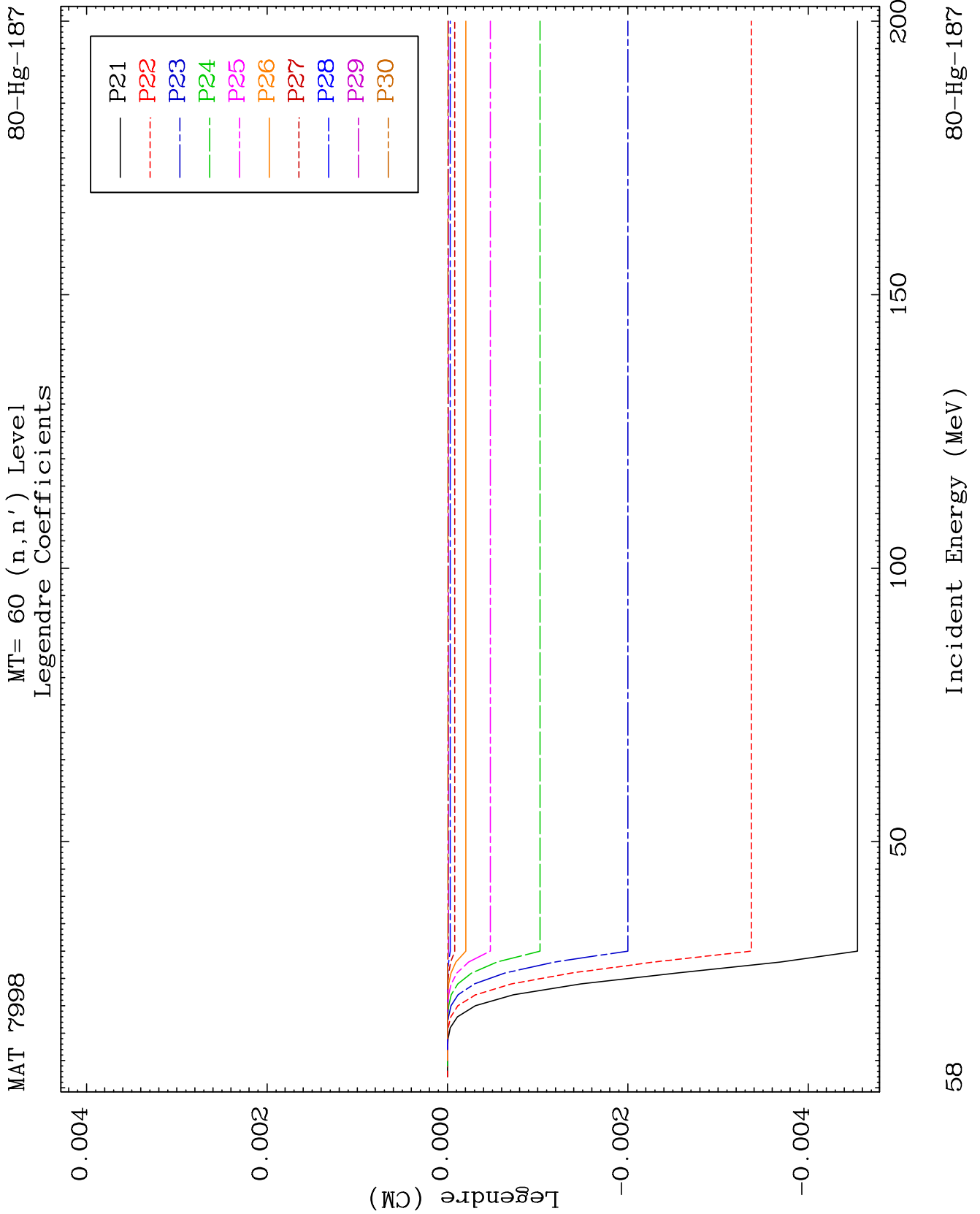
MAT 7998

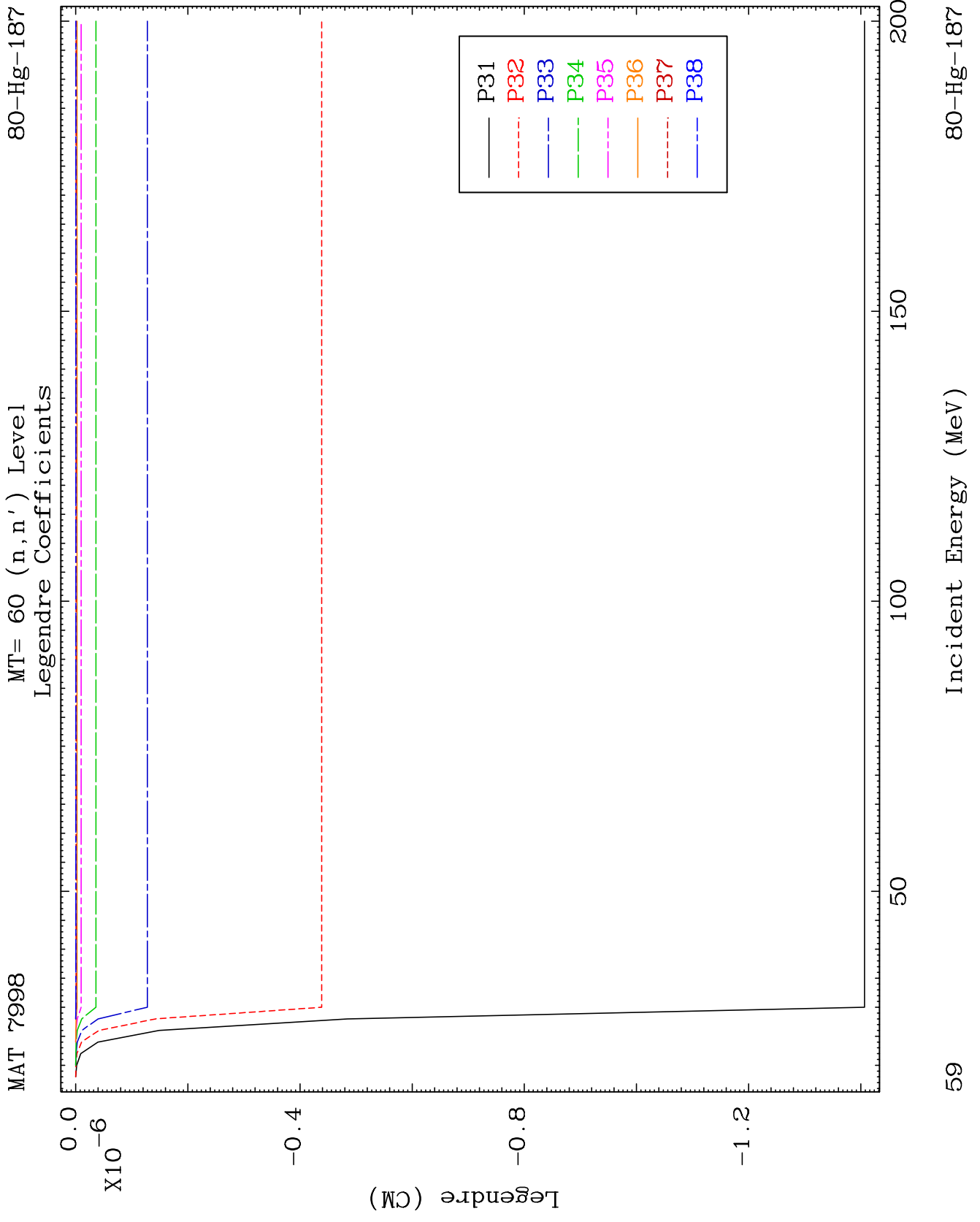
MT= 59 (n,n') Level
Legendre Coefficients

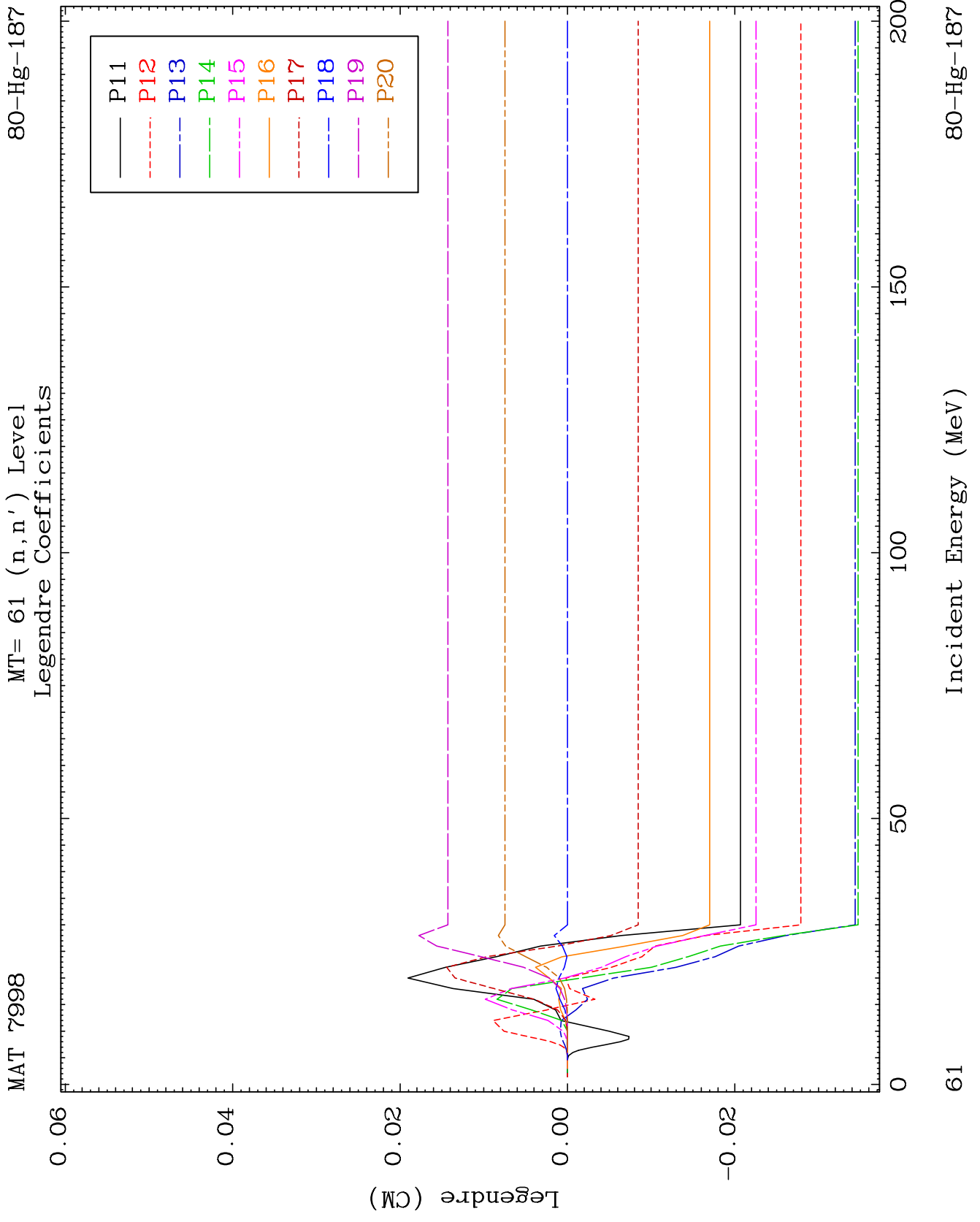
80-Hg-187







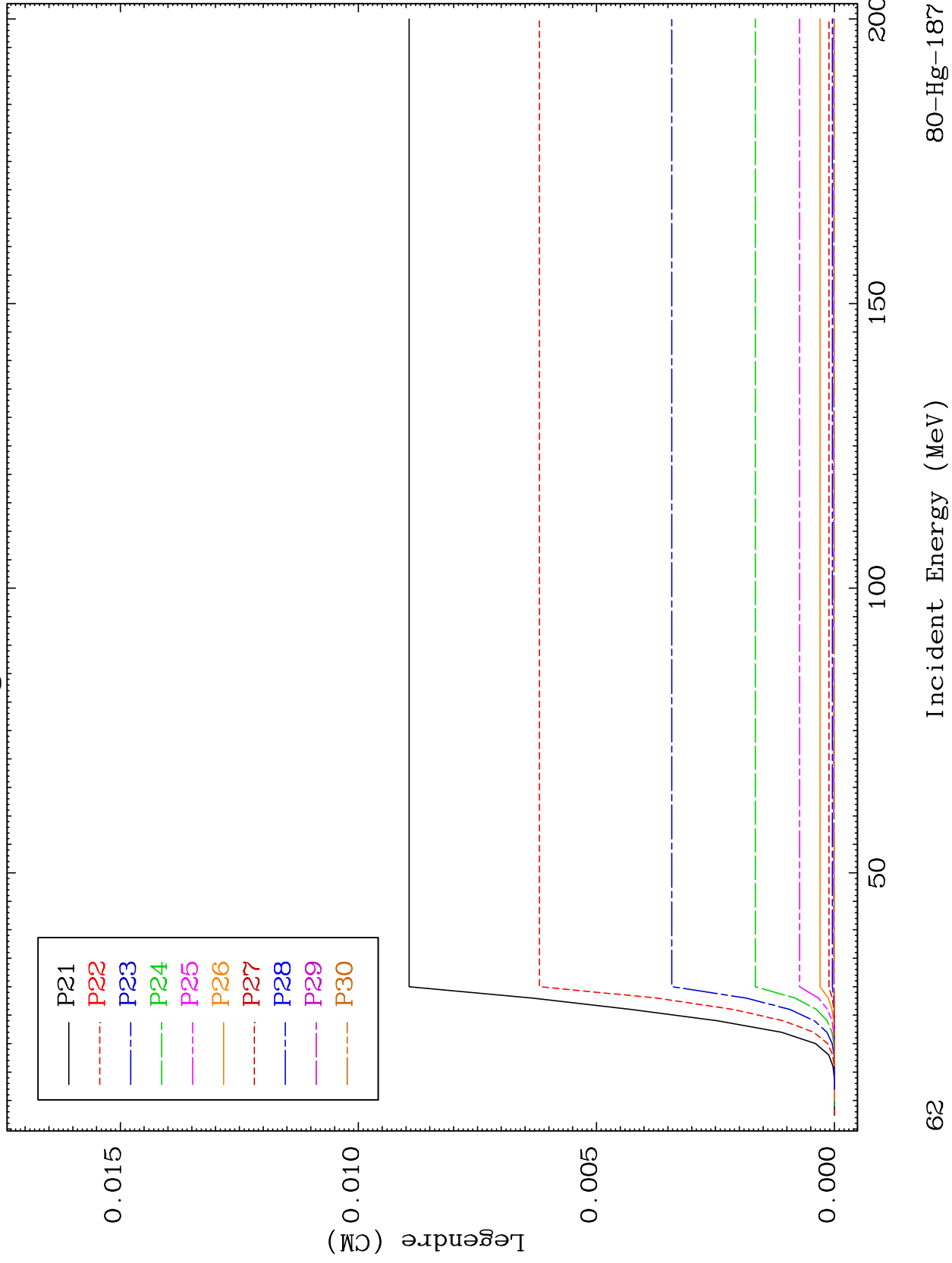




MAT 7998

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

80-Hg-187



62

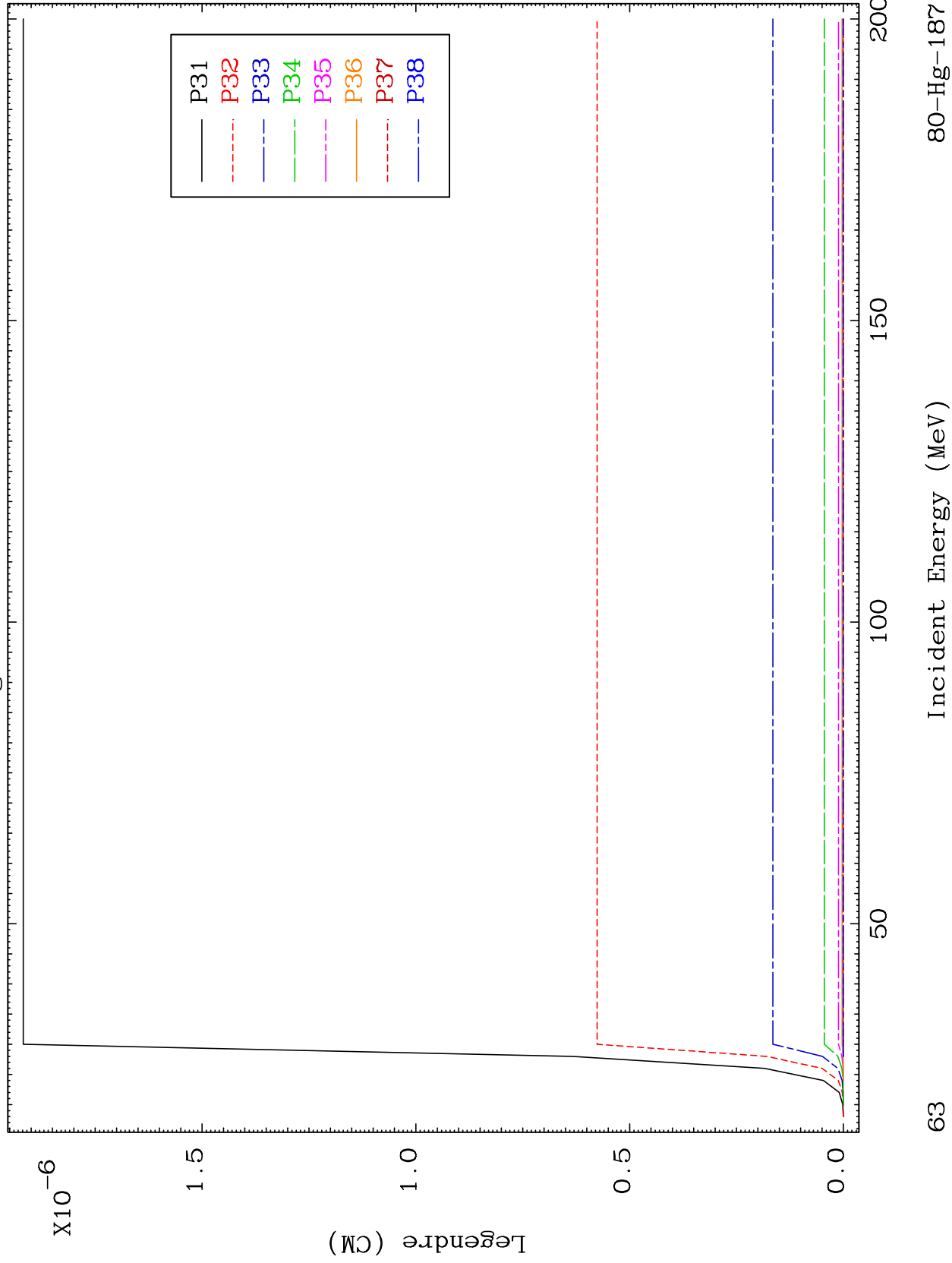
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

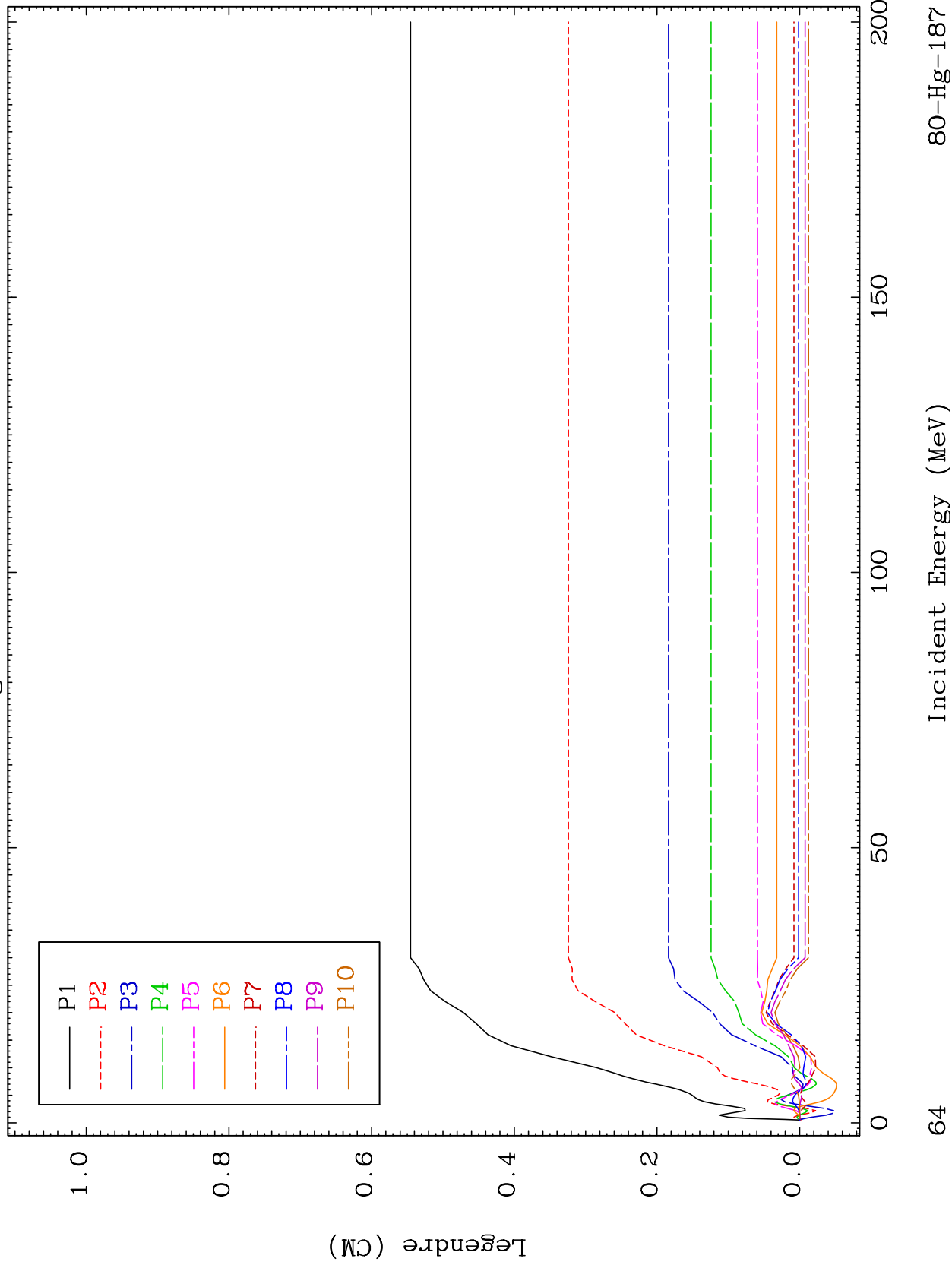
80-Hg-187

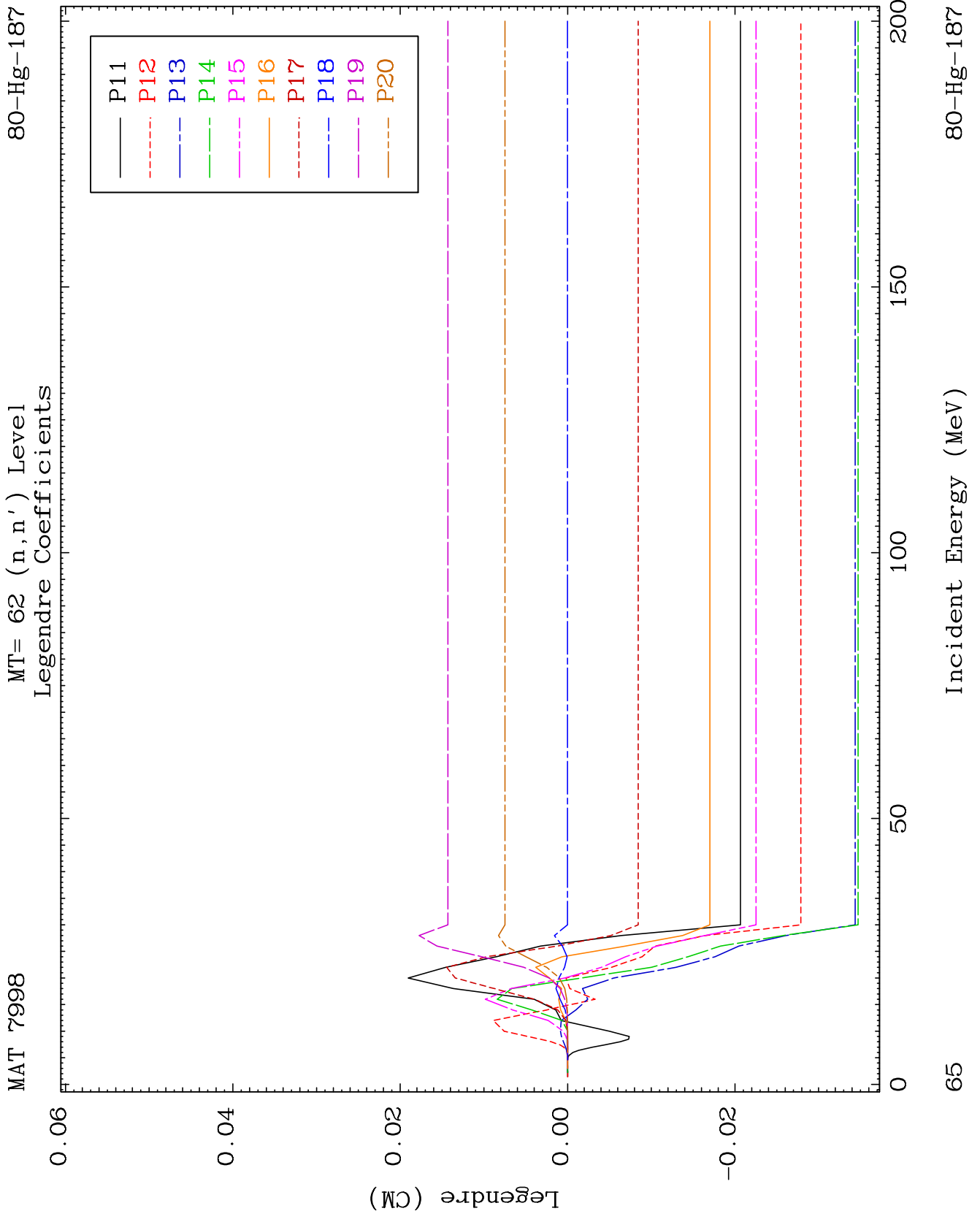


MAT 7998

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

80-Hg-187

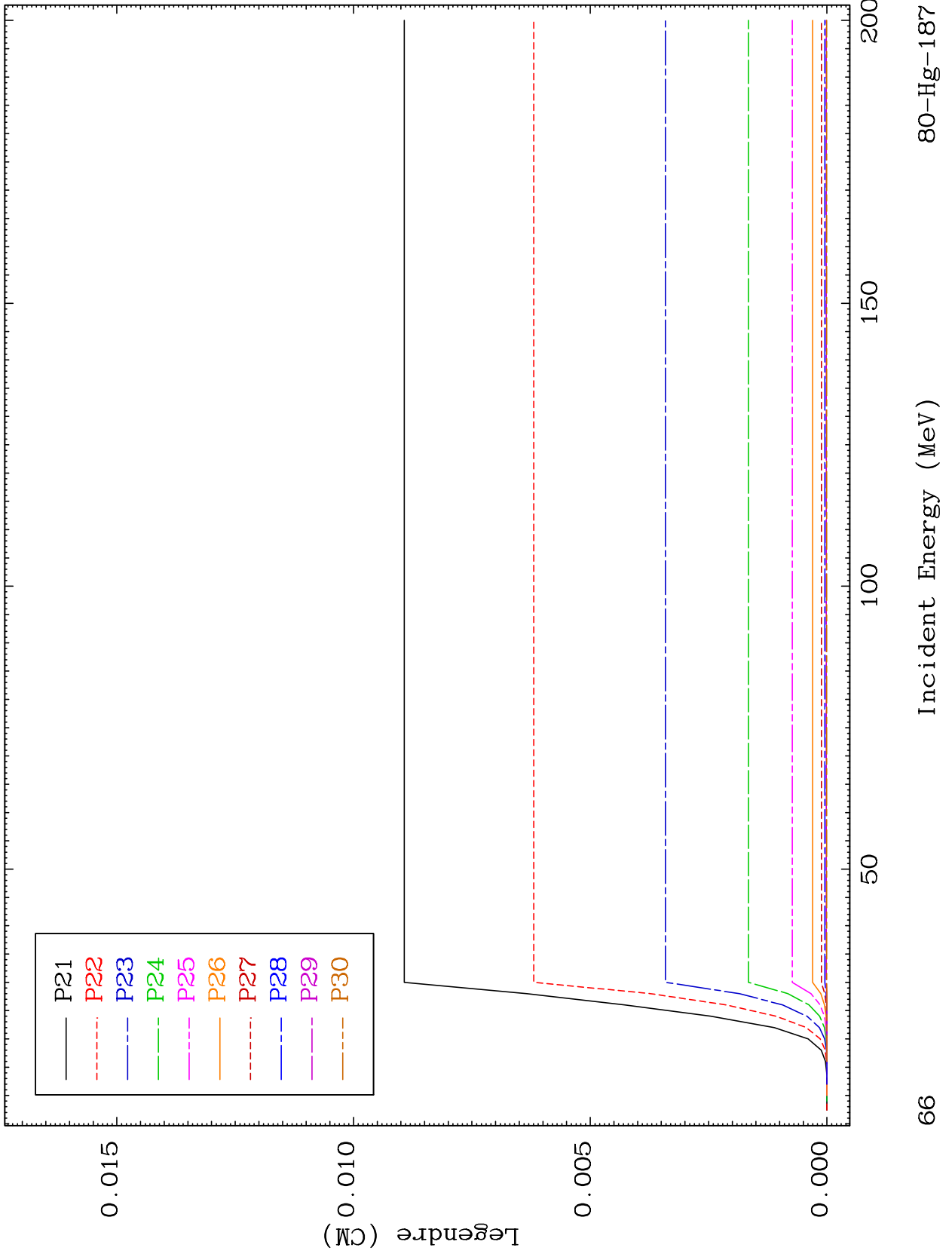




MAT 7998

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

80-Hg-187



66

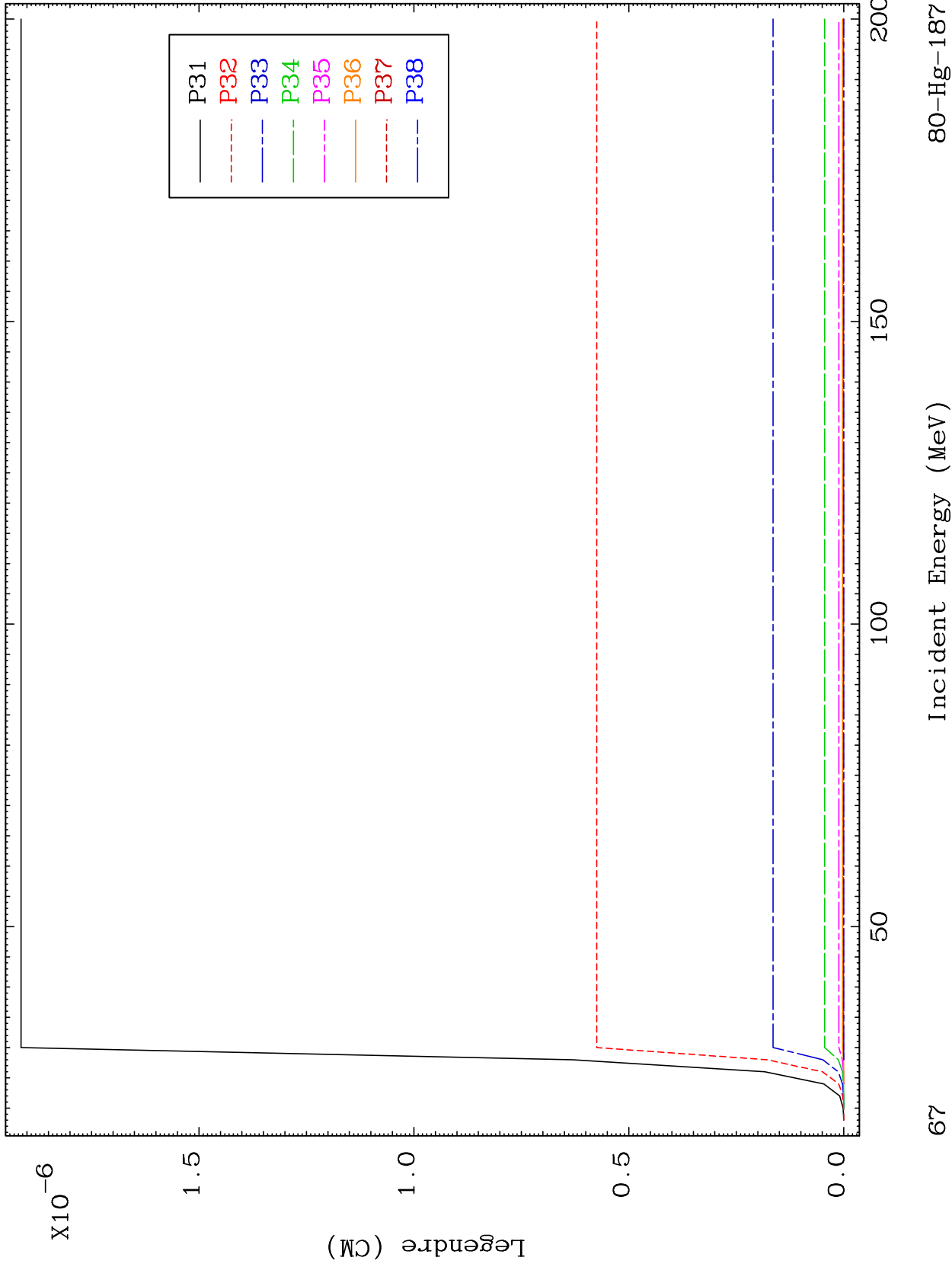
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

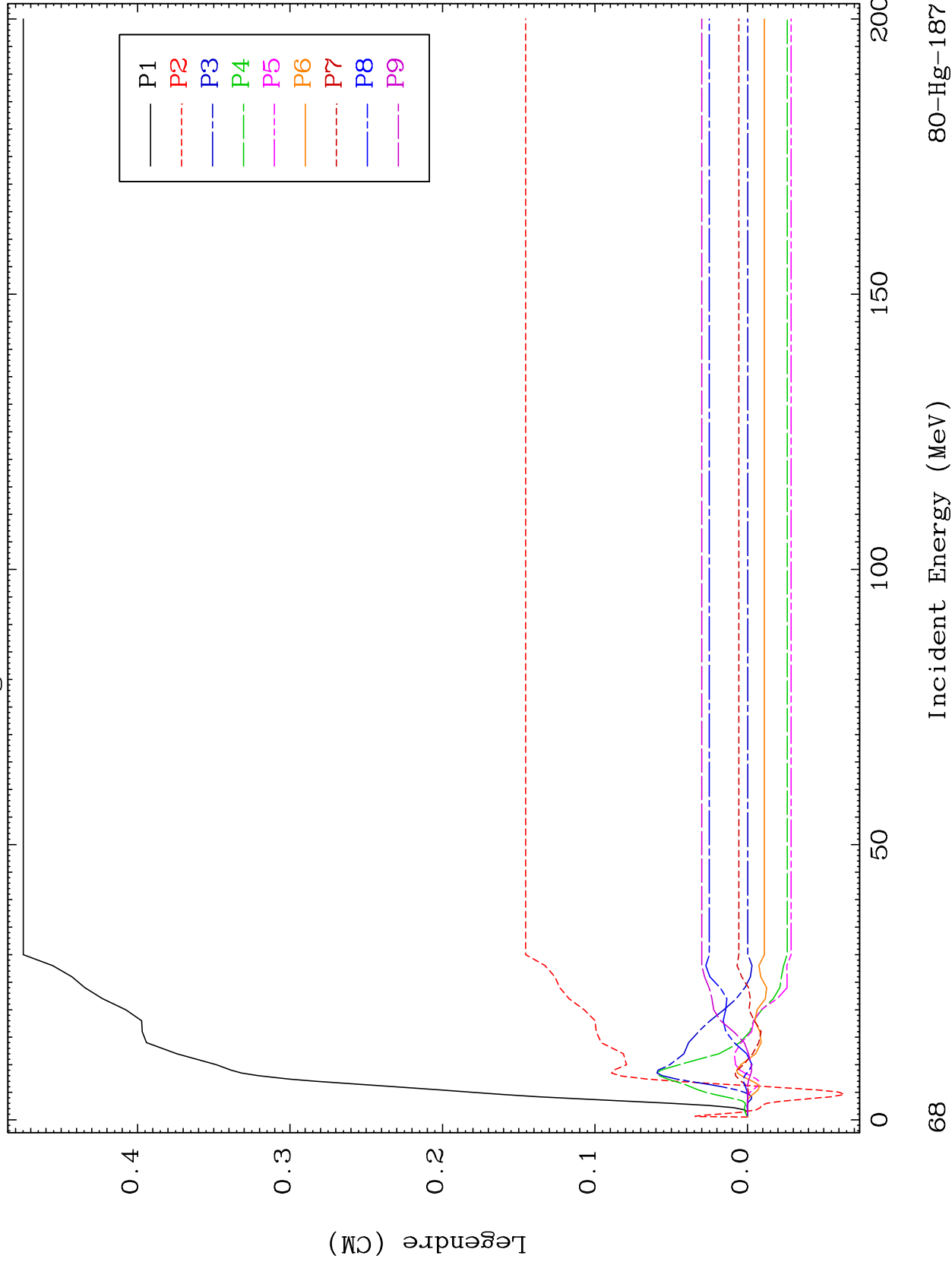
80-Hg-187



MAT 7998

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

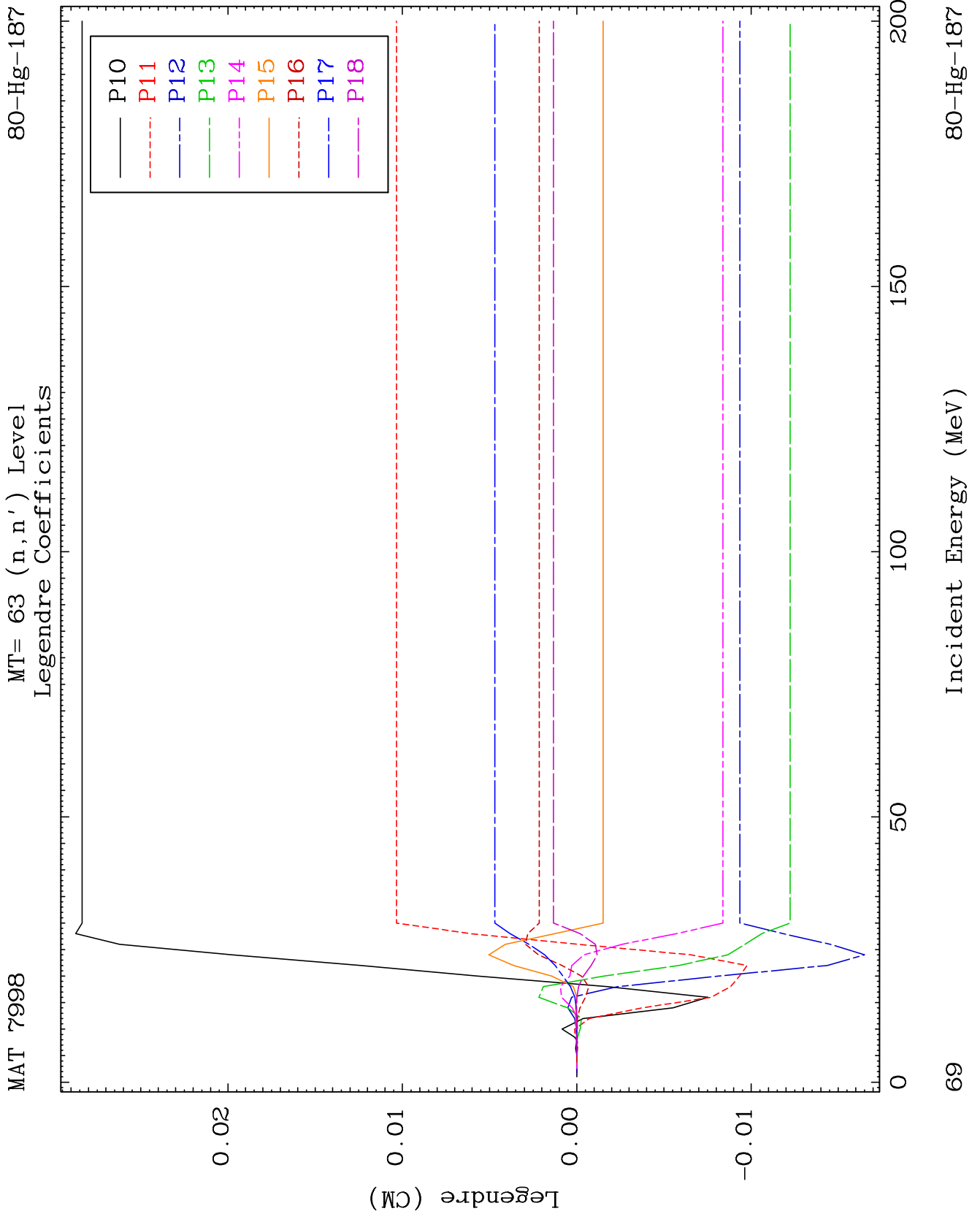
80-Hg-187



80-Hg-187

Incident Energy (MeV)

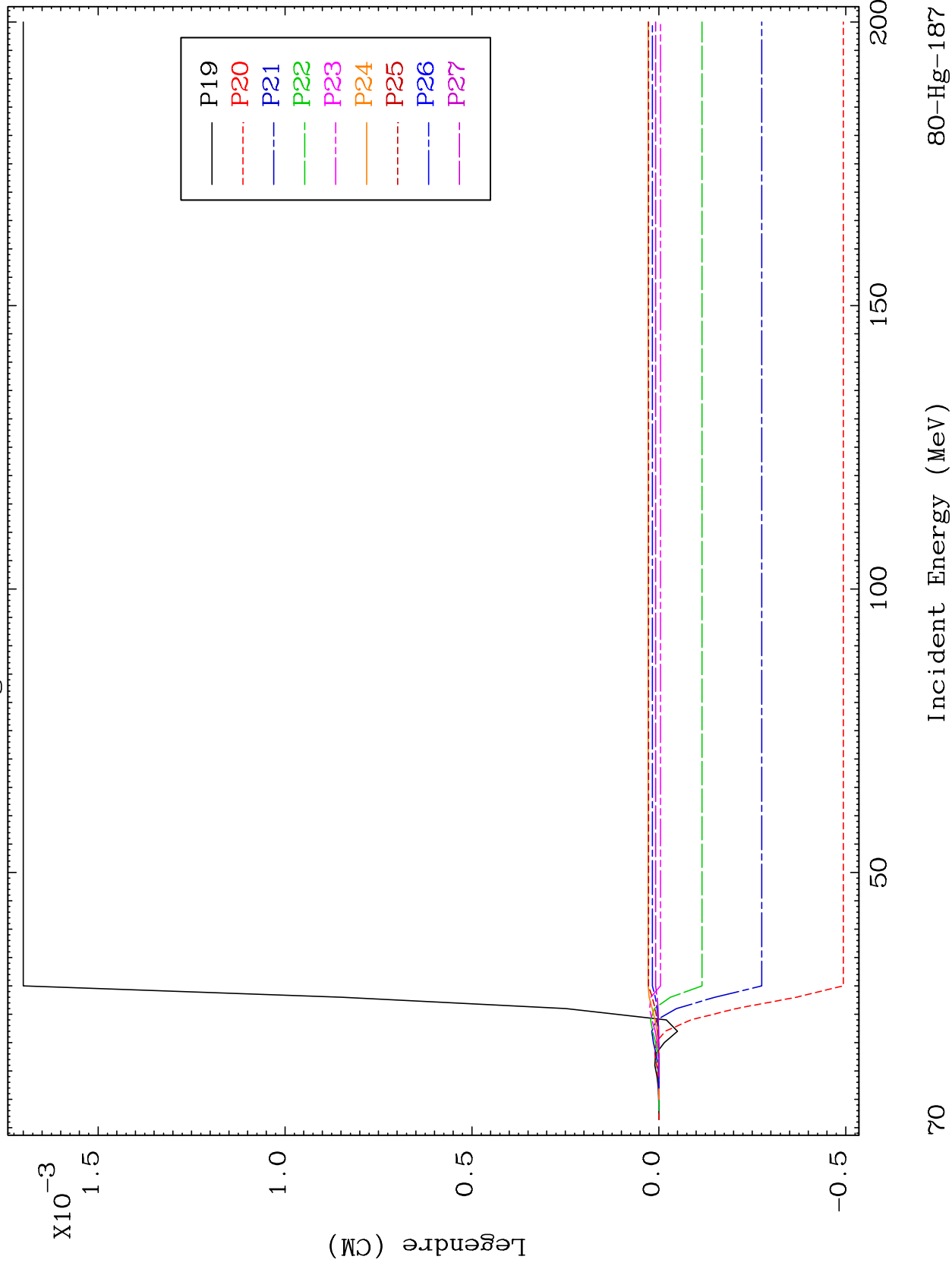
68



MAT 7998

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

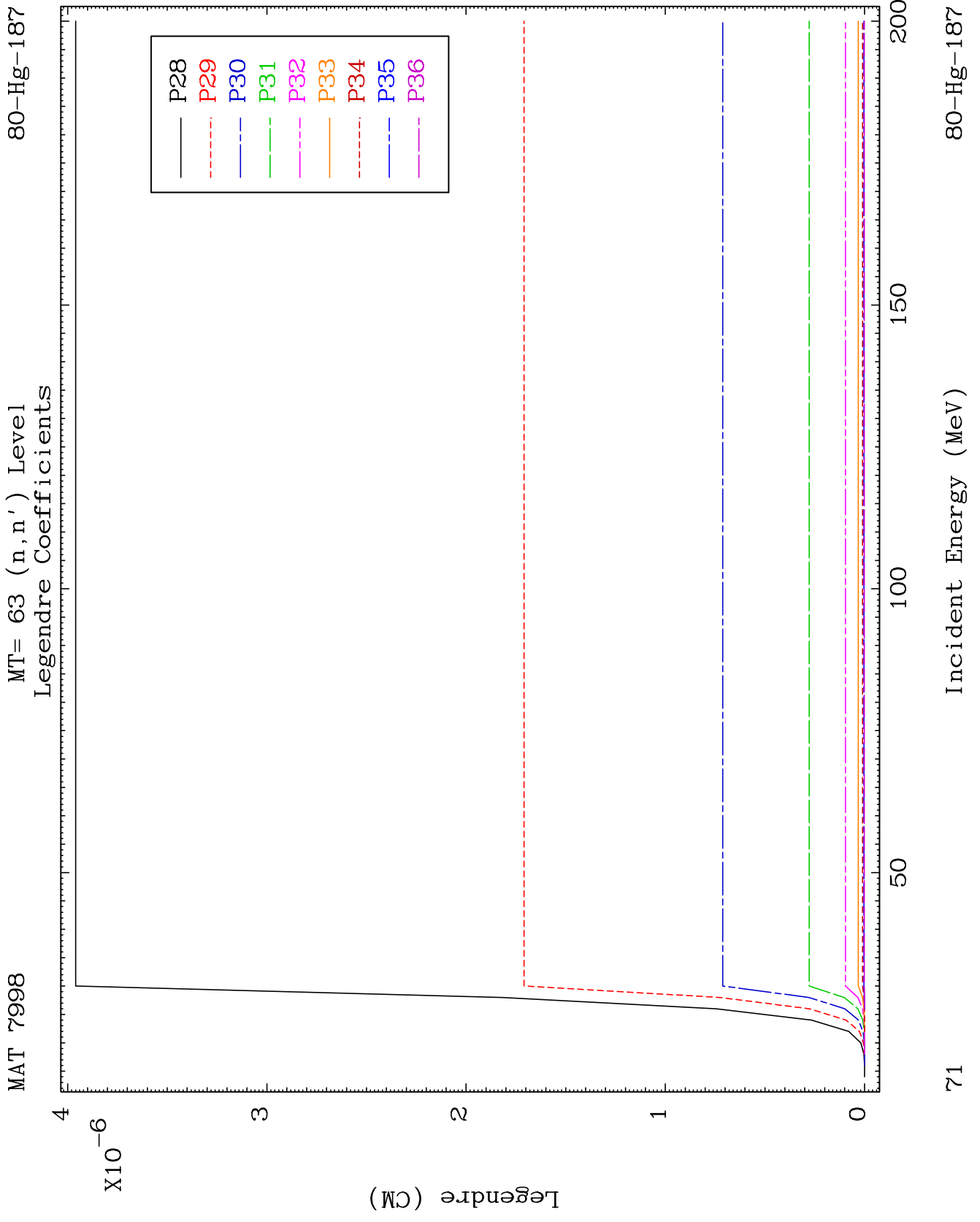
80-Hg-187



70

Incident Energy (MeV)

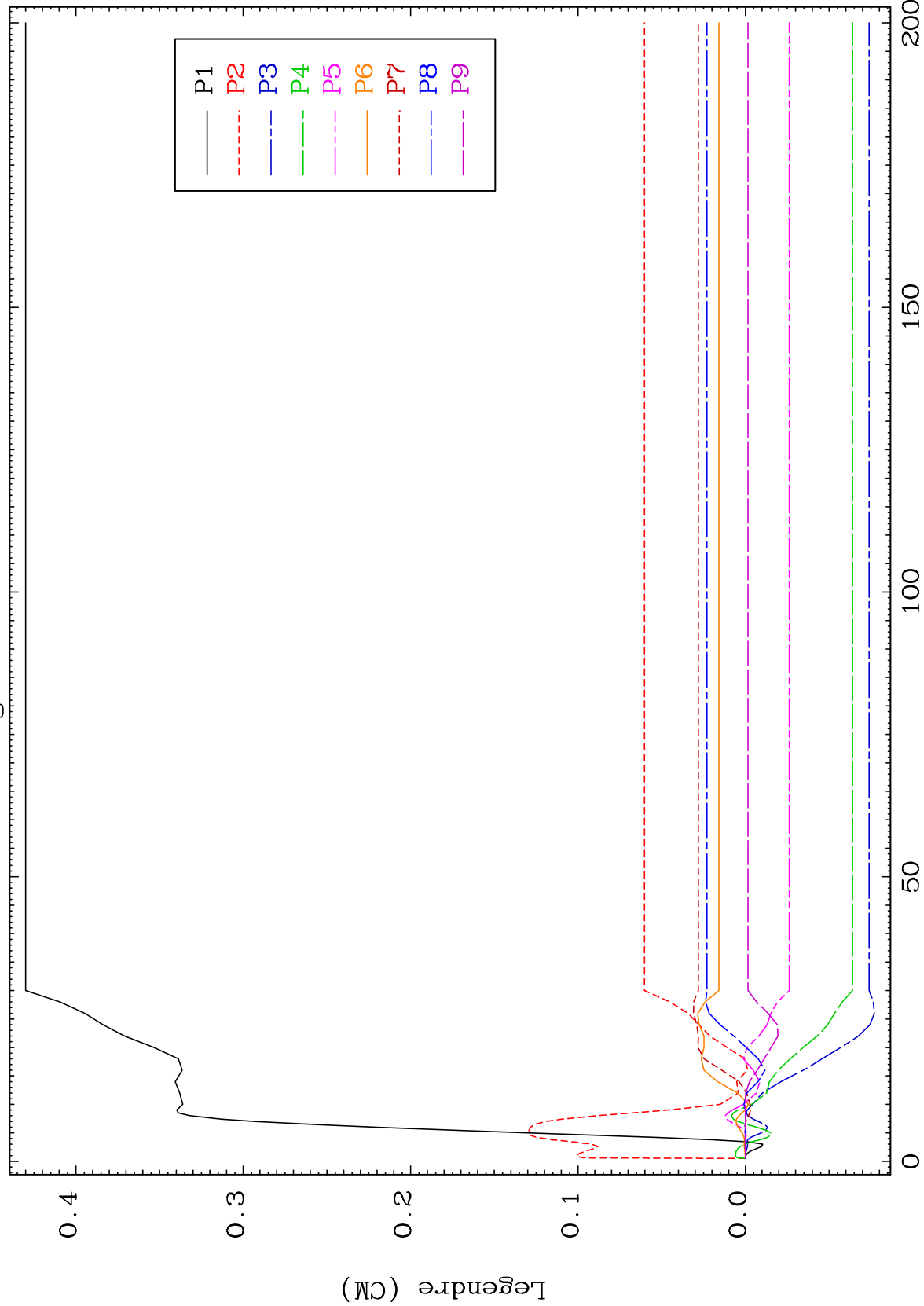
80-Hg-187



MAT 7998

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

80-Hg-187



72

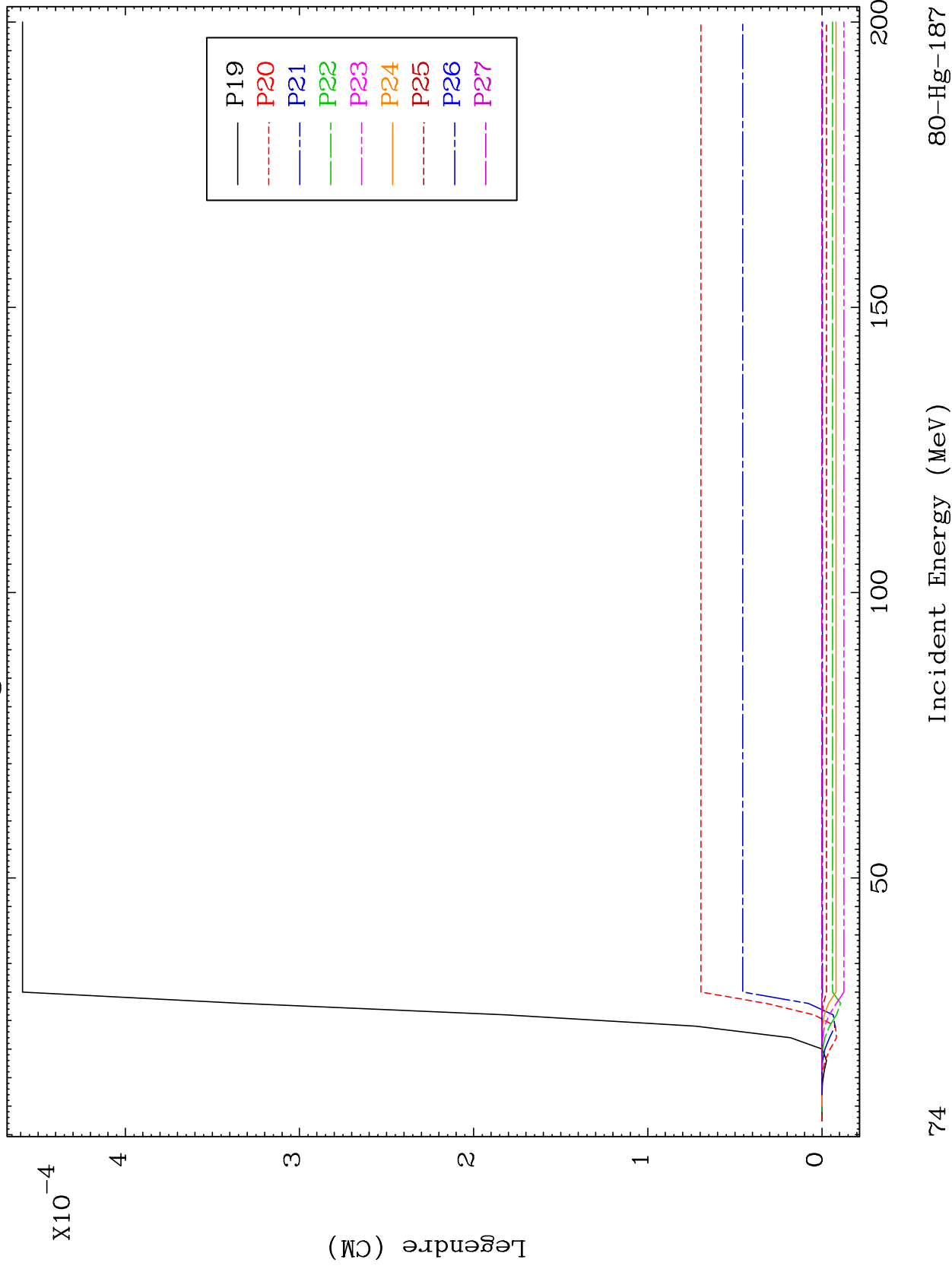
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



74

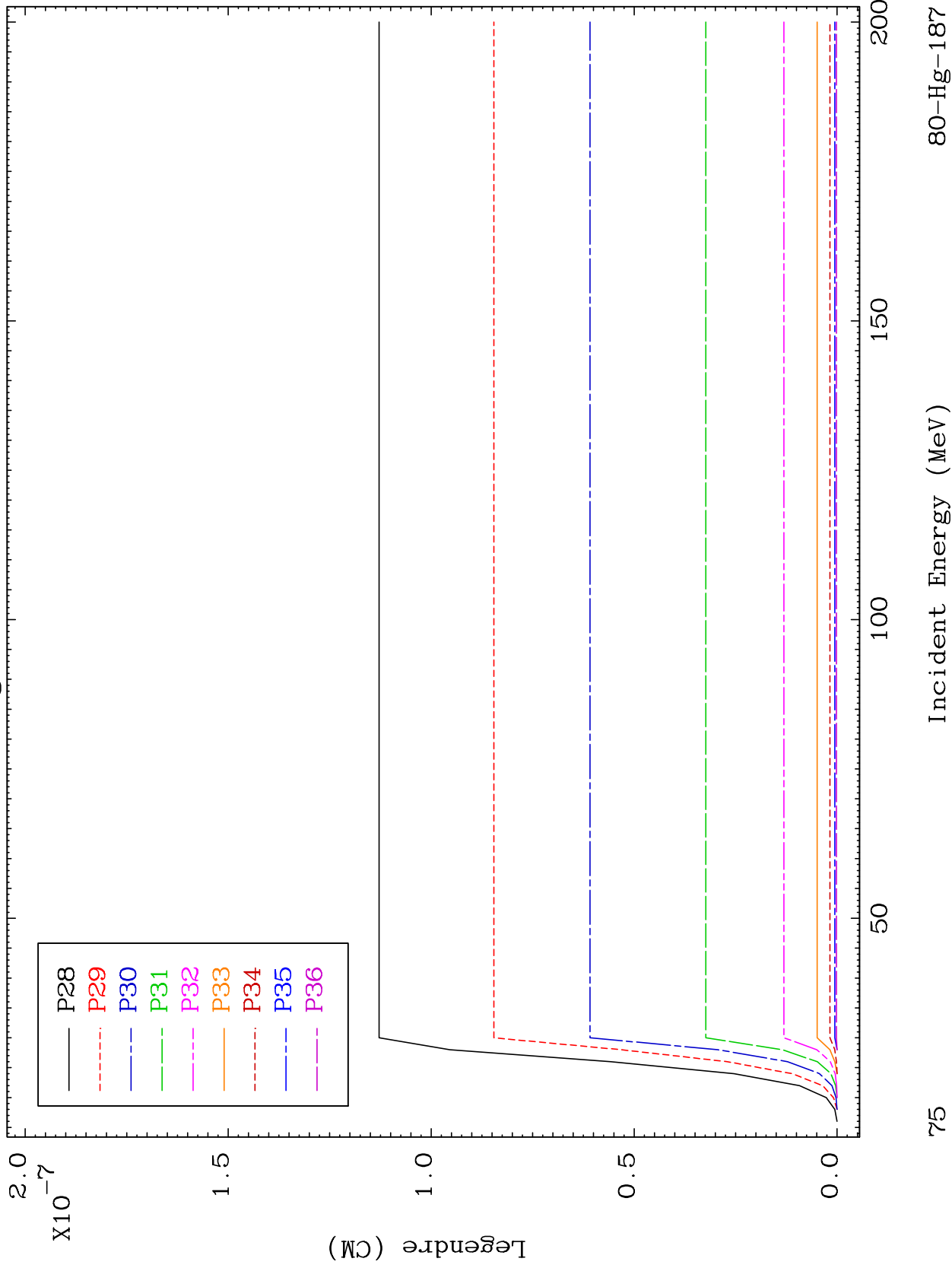
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

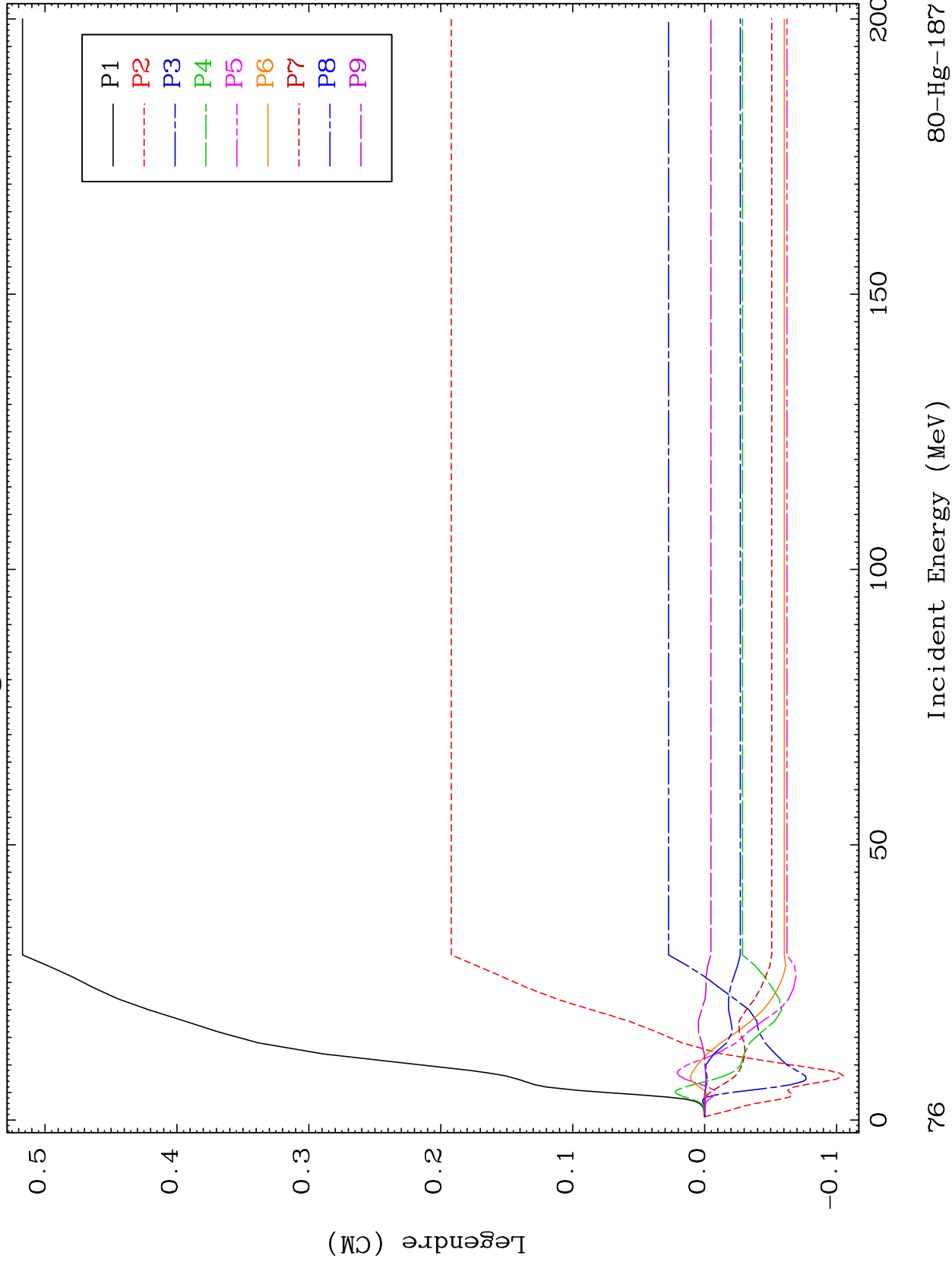
80-Hg-187



MAT 7998

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

80-Hg-187



80-Hg-187

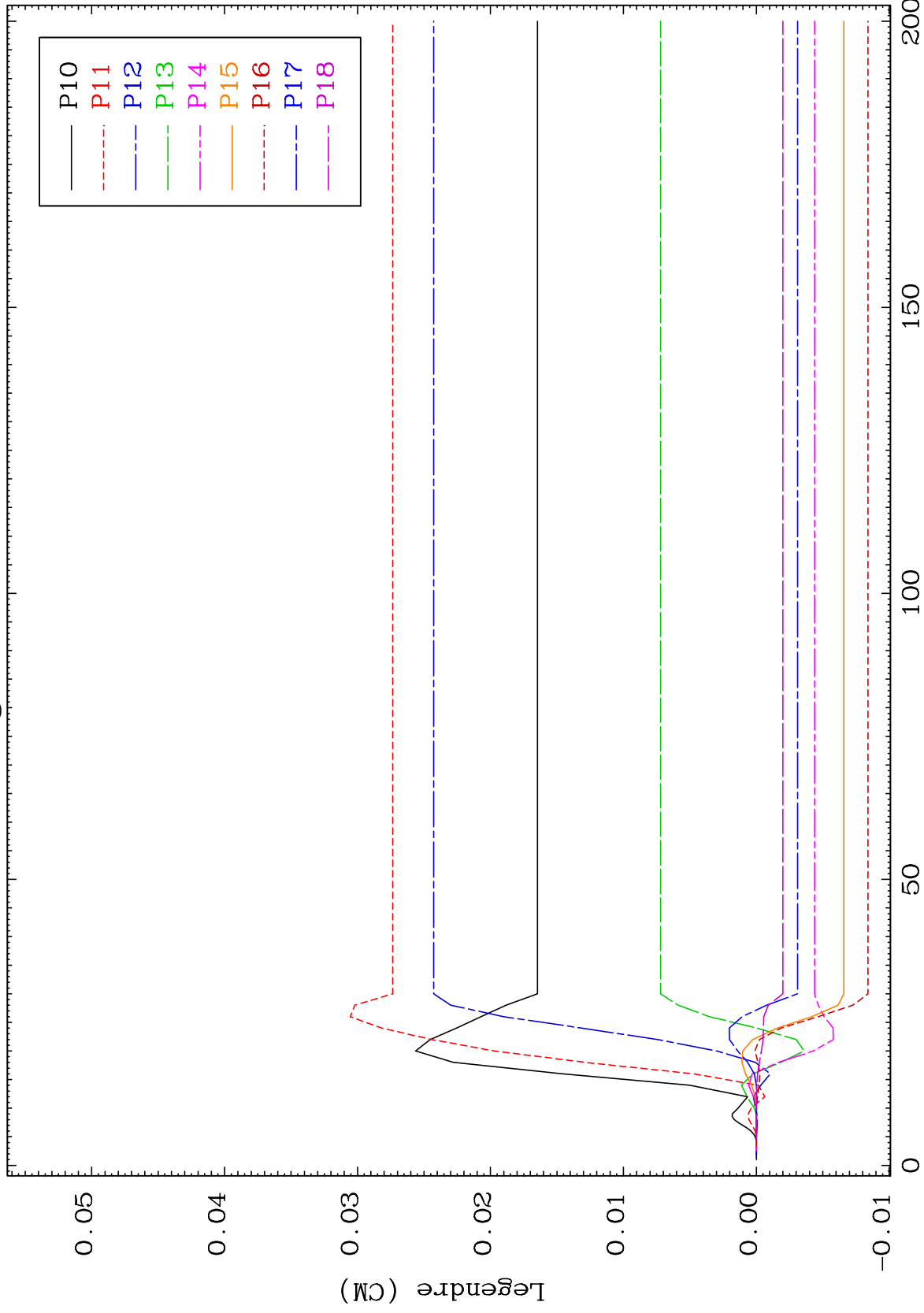
Incident Energy (MeV)

76

MAT 7998

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

80-Hg-187



77

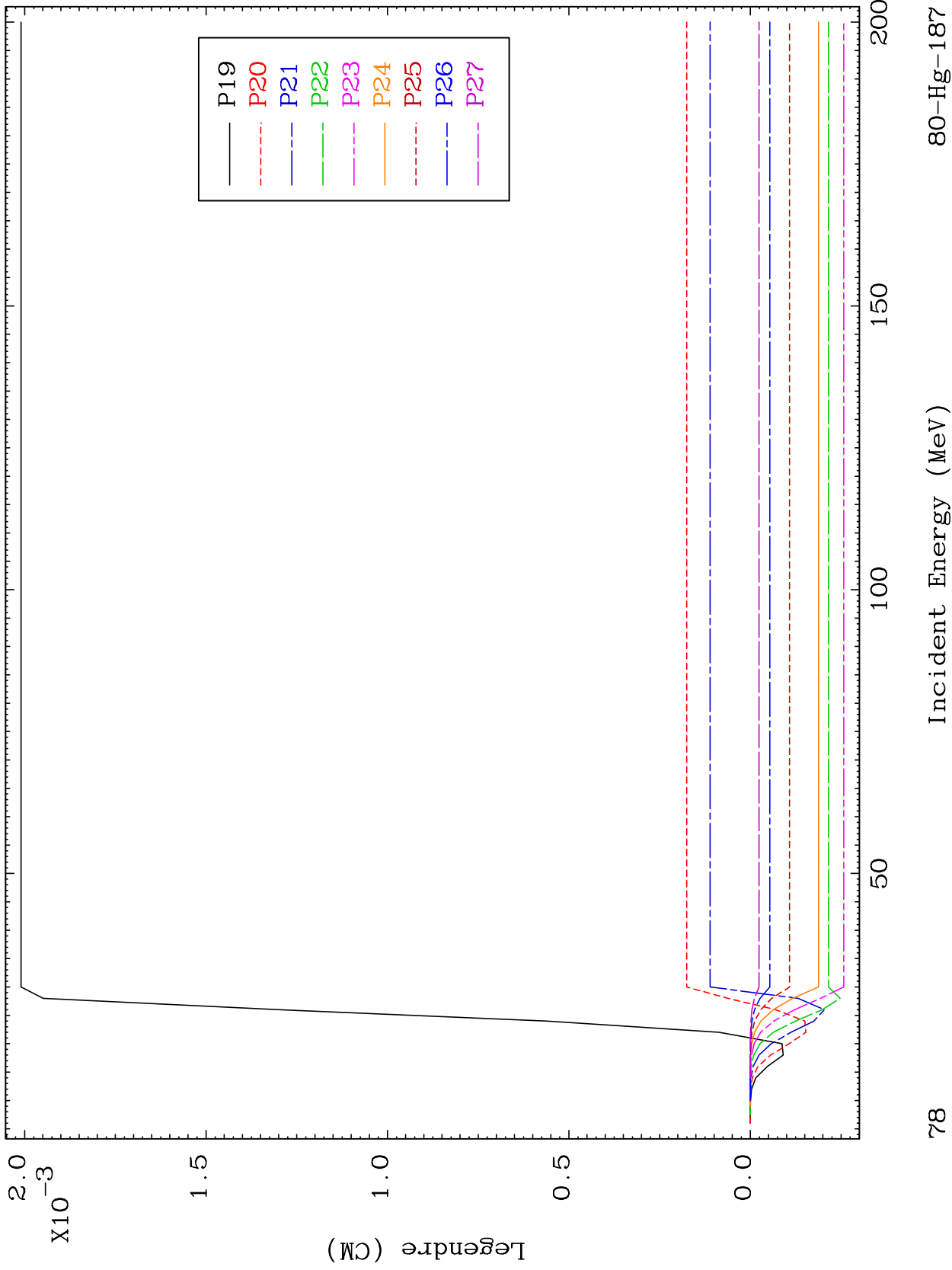
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

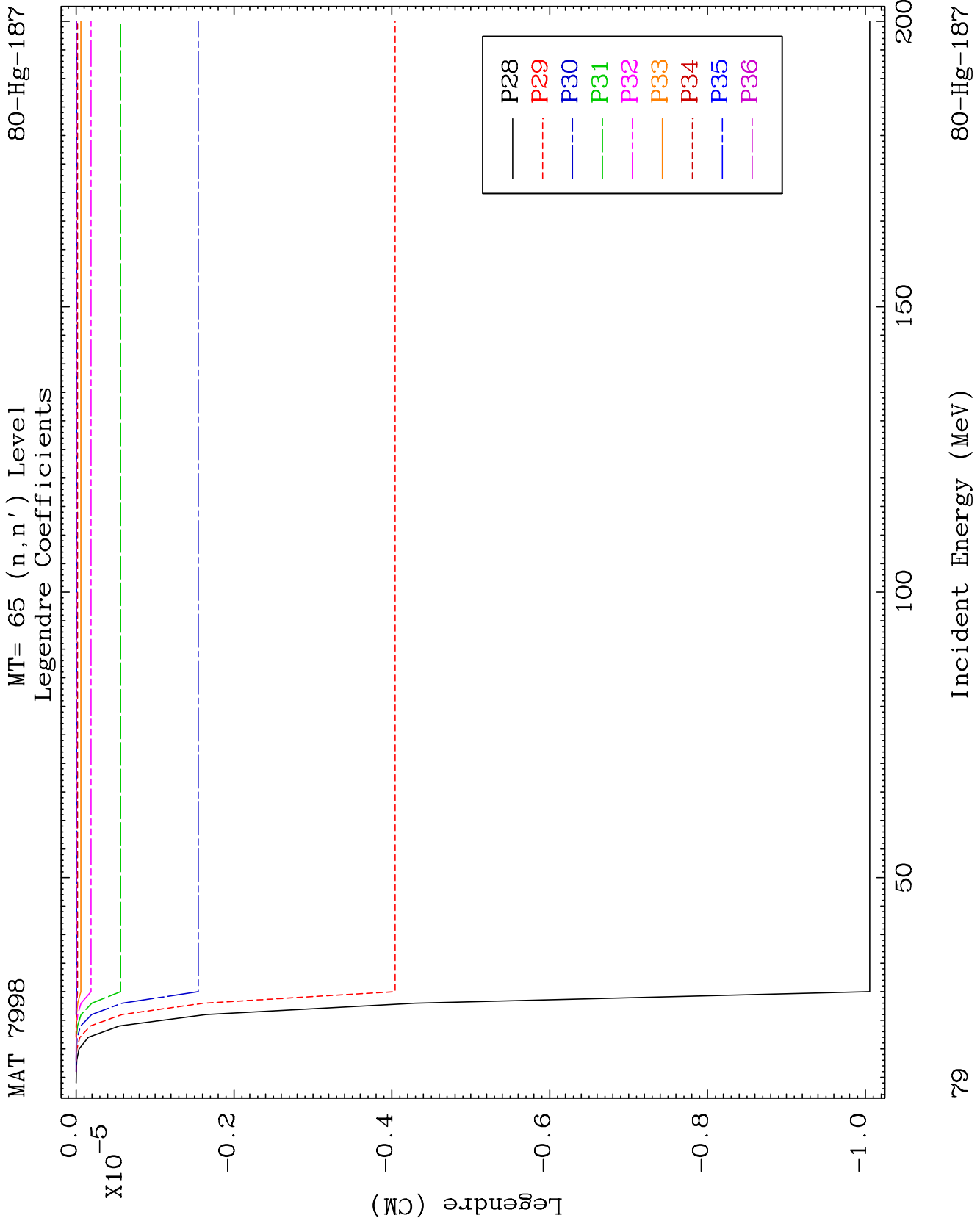
80-Hg-187

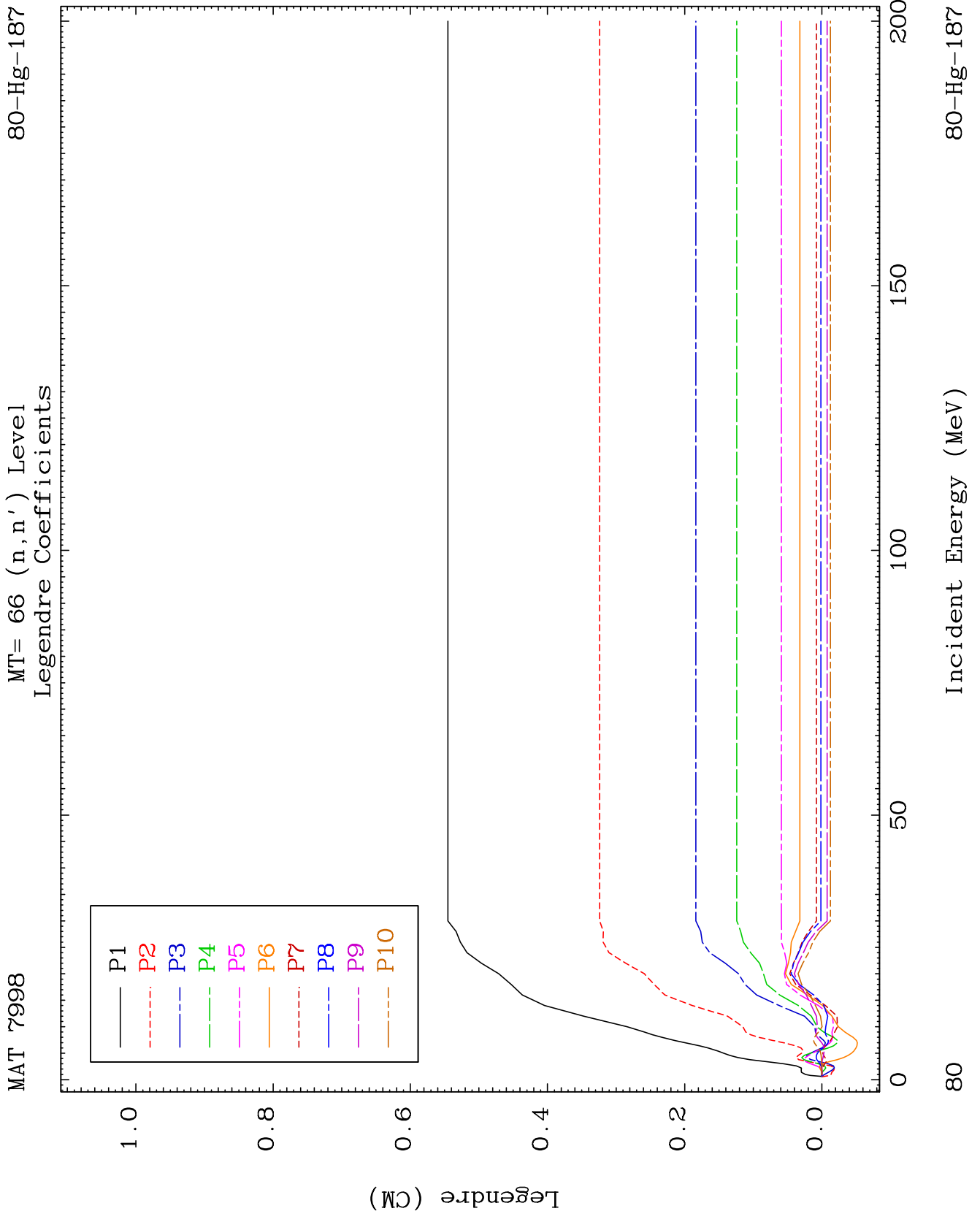


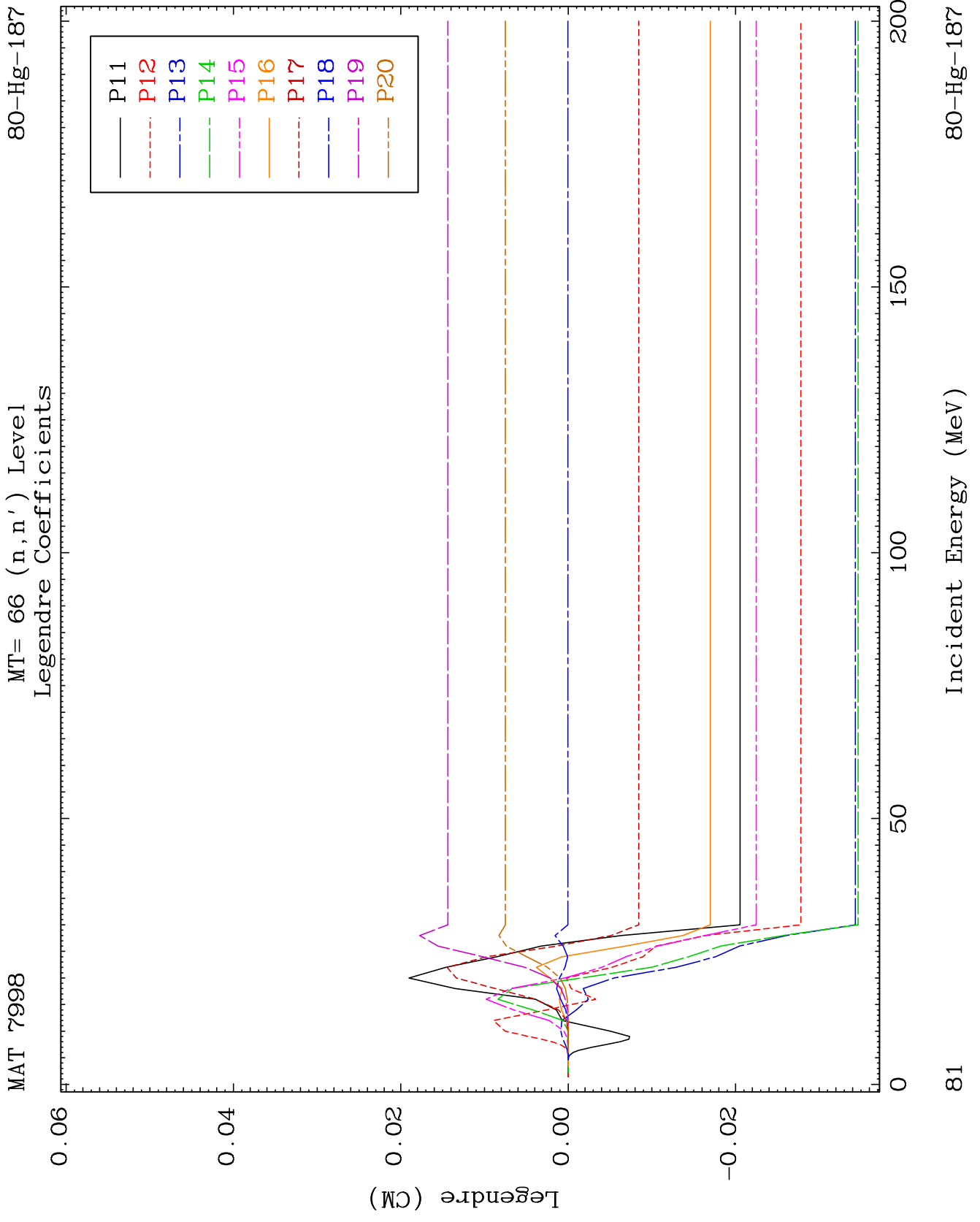
78

Incident Energy (MeV)

80-Hg-187



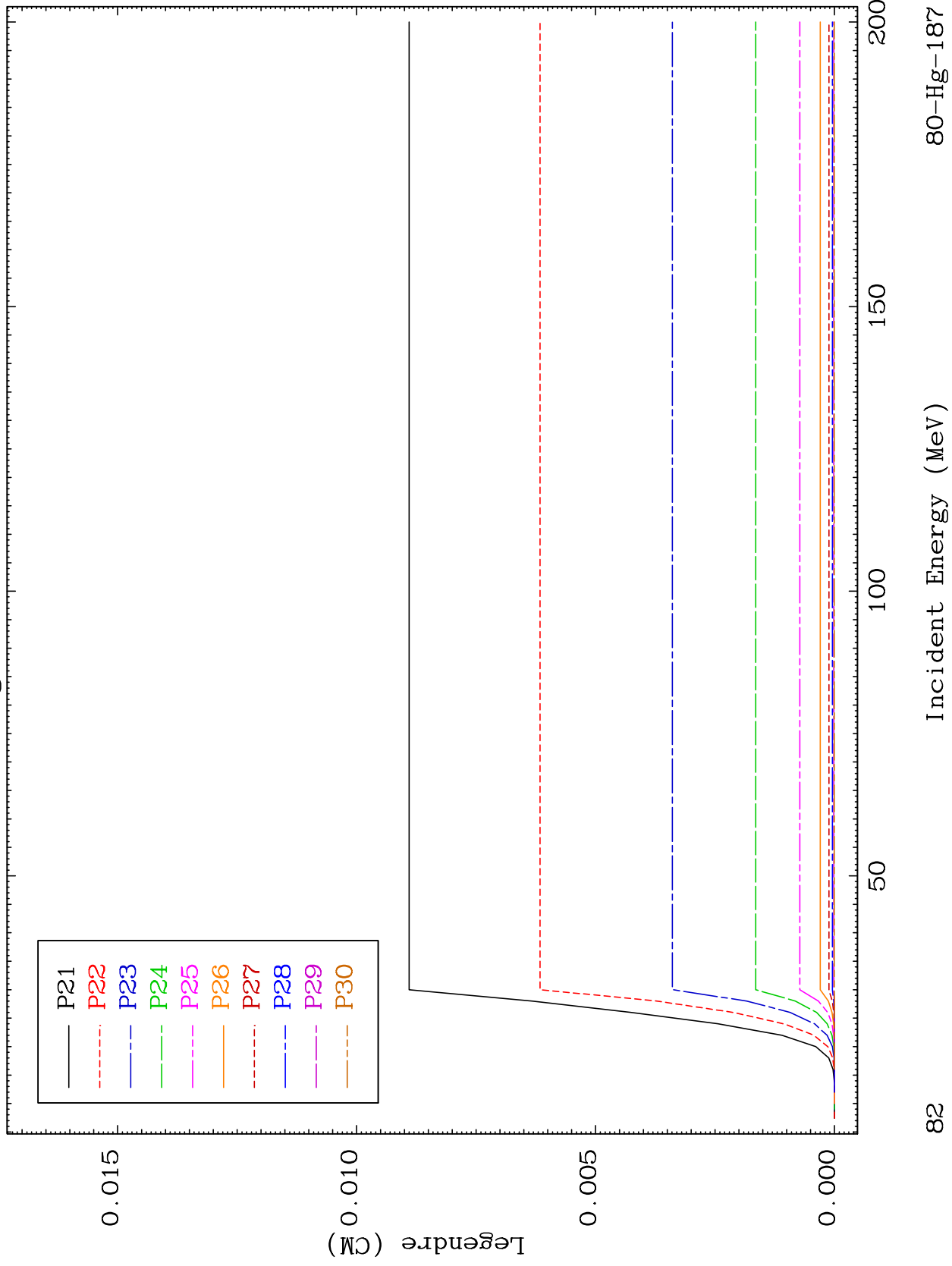




MAT 7998

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

80-Hg-187



82

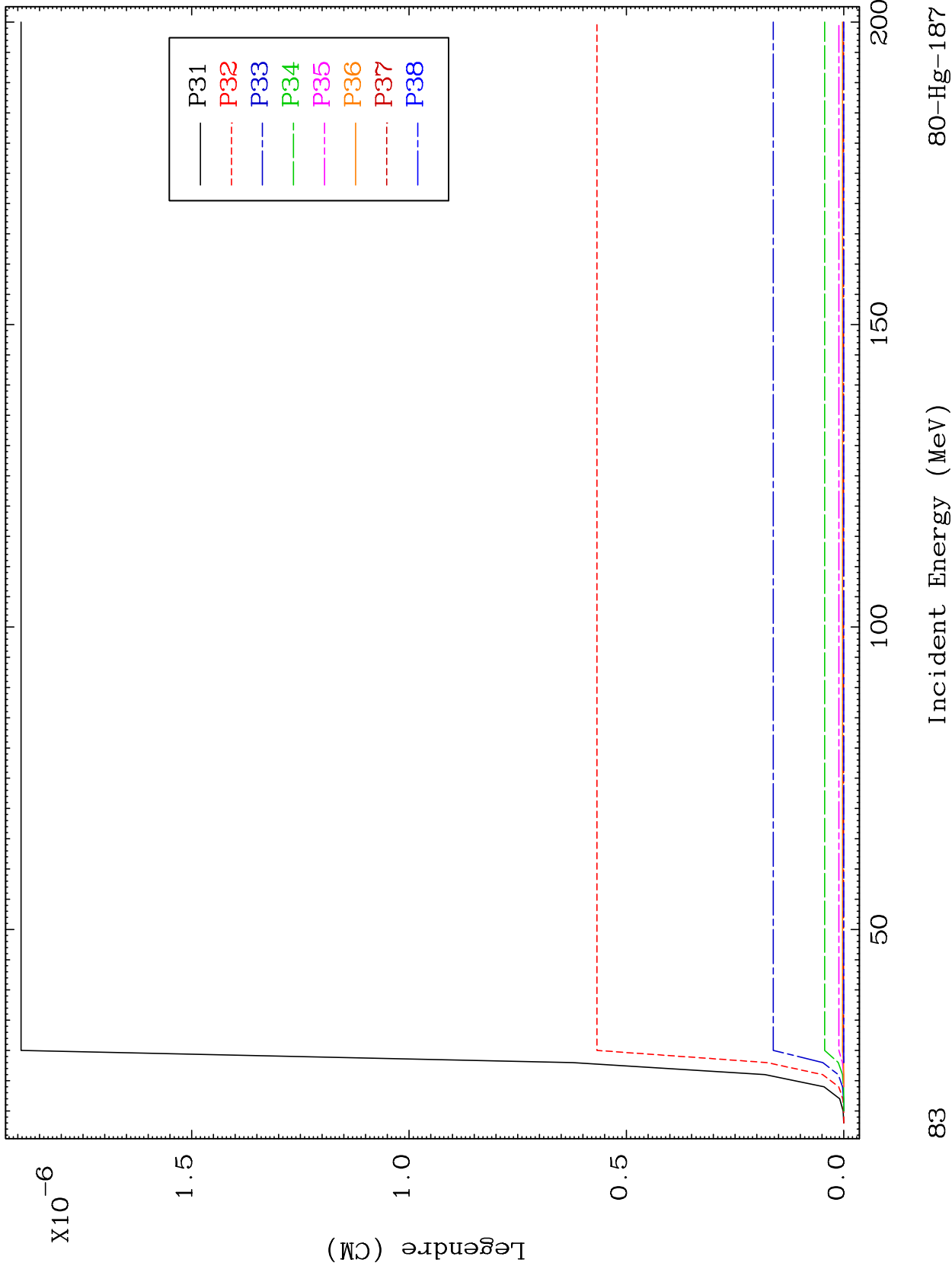
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



83

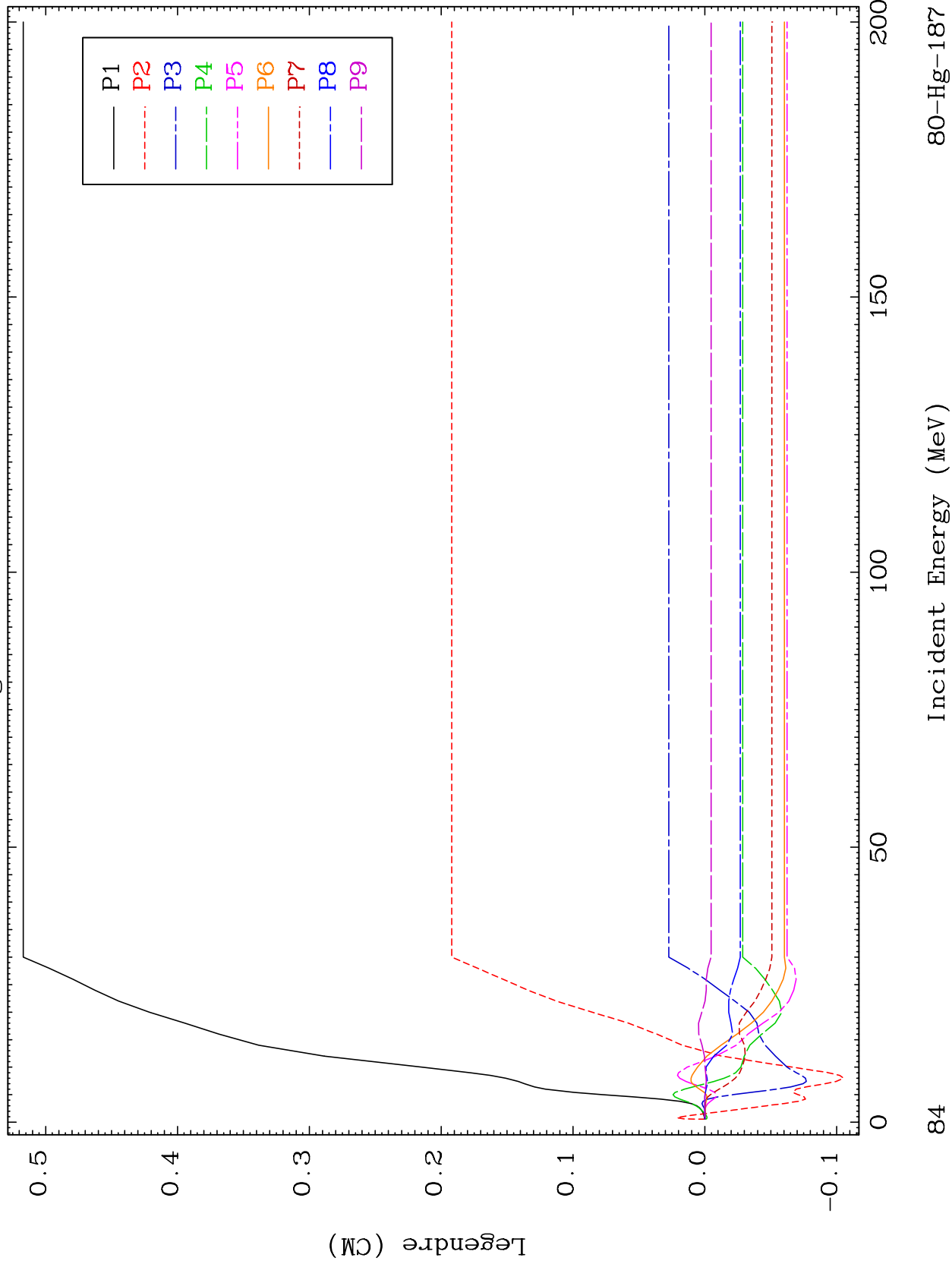
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



80-Hg-187

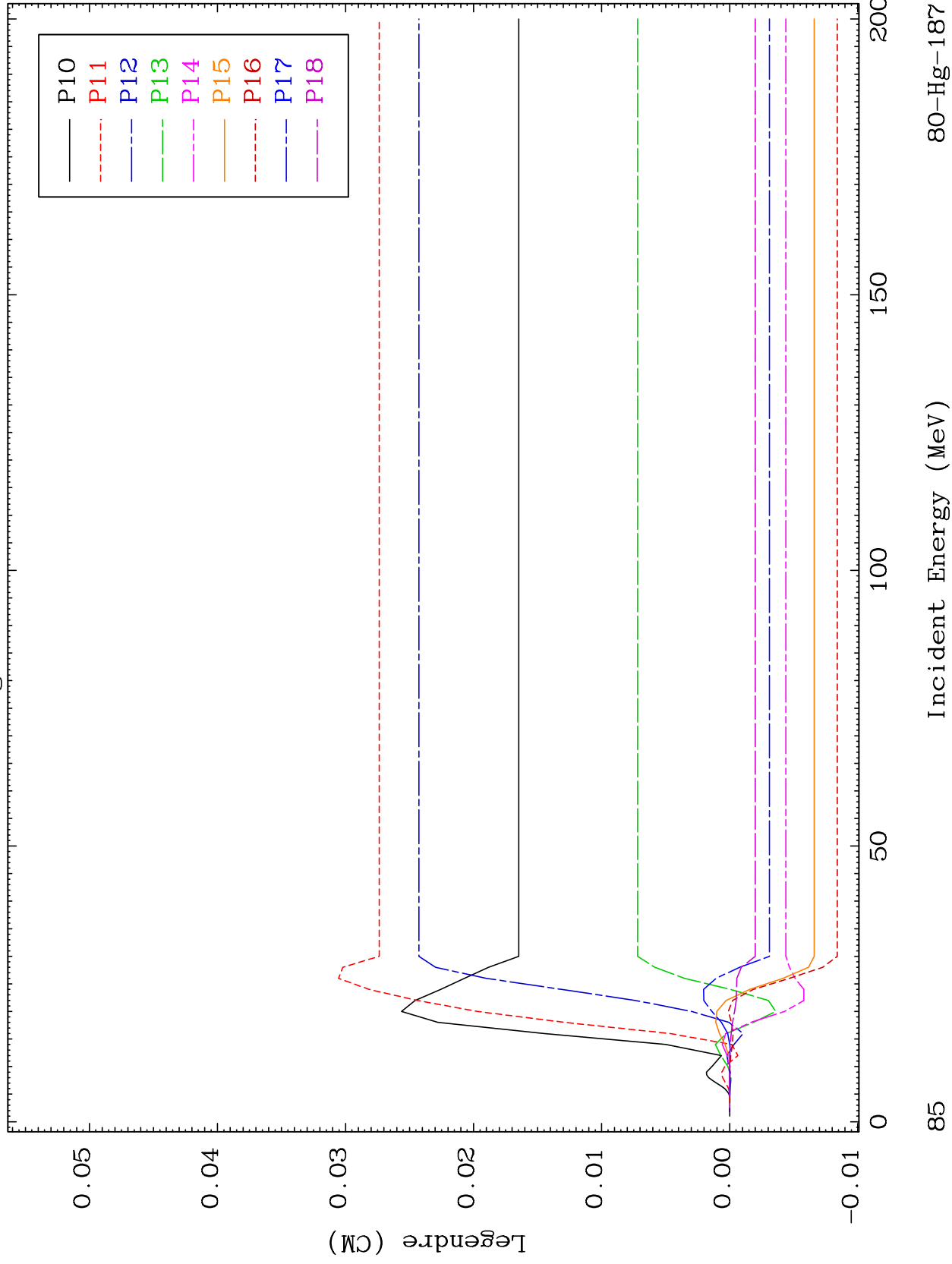
Incident Energy (MeV)

84

MAT 7998

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

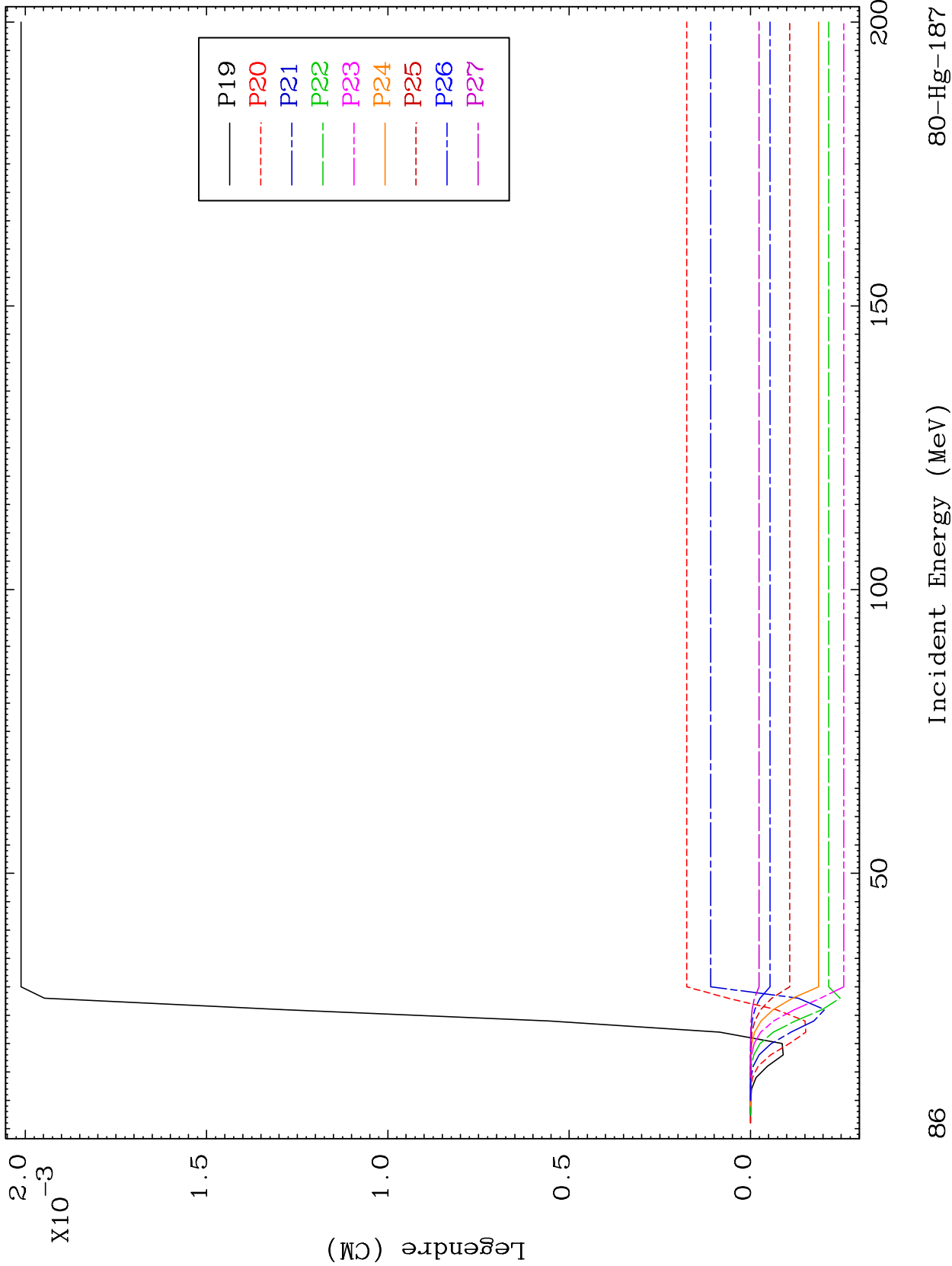
80-Hg-187

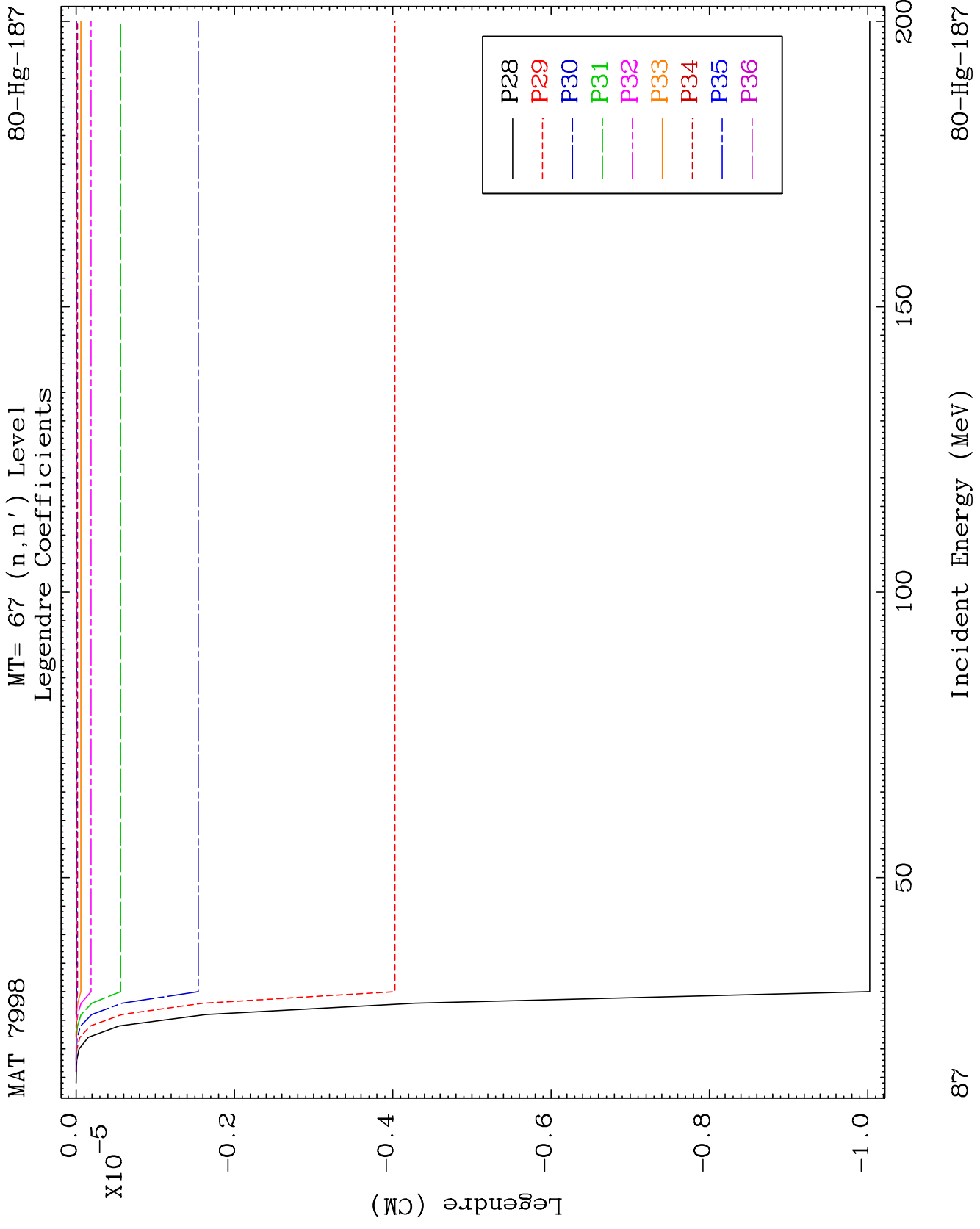


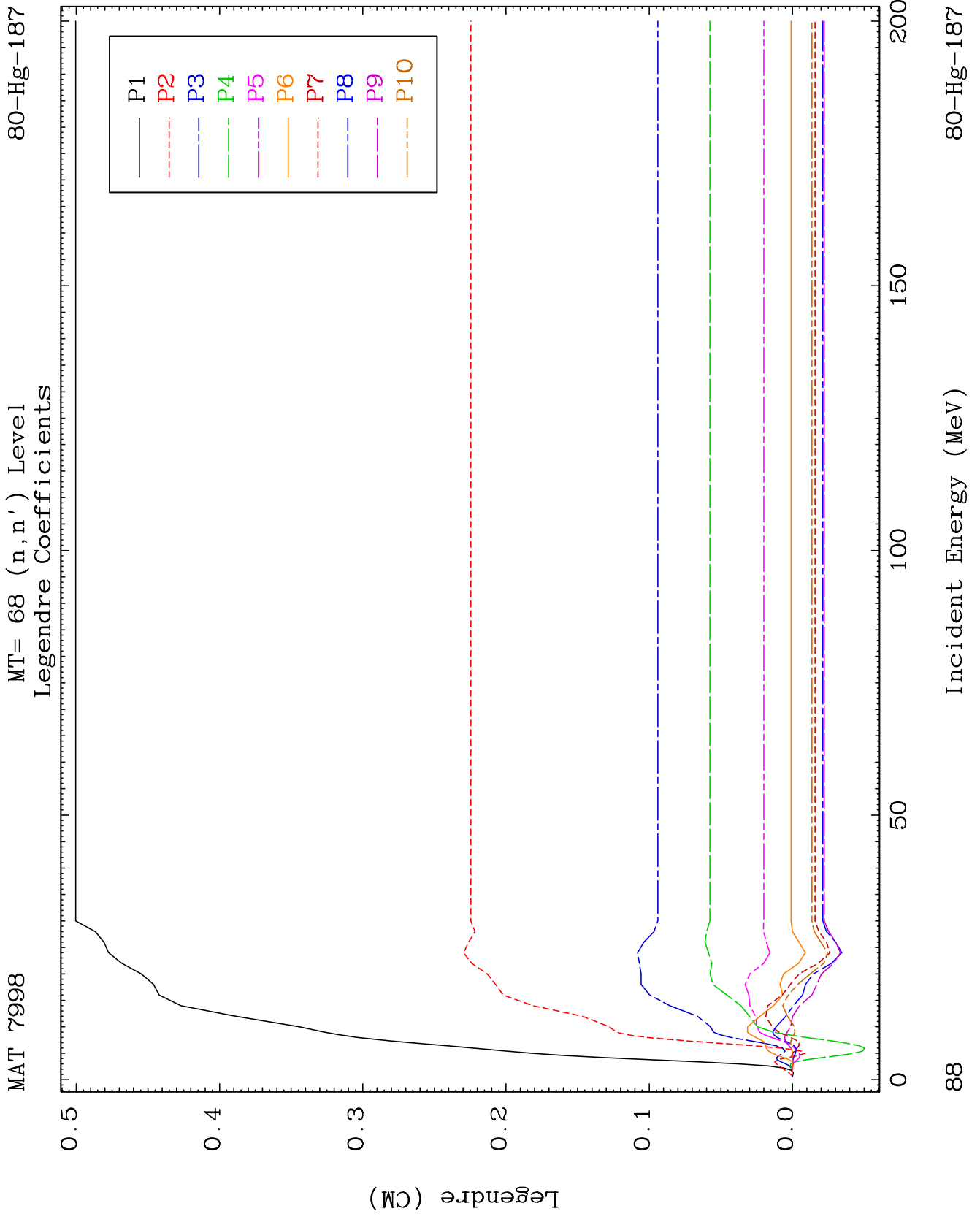
80-Hg-187

Incident Energy (MeV)

85



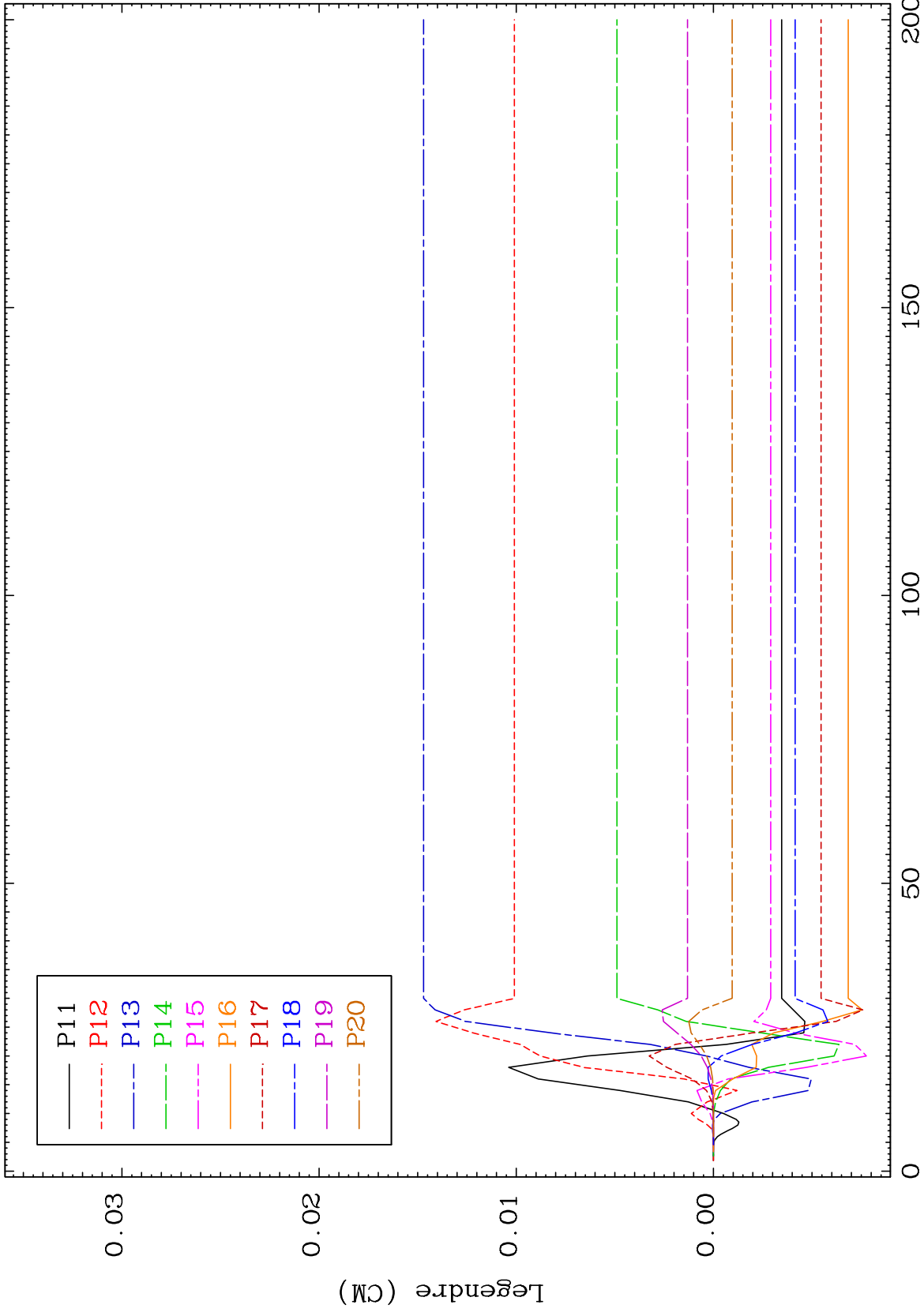




MAT 7998

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

80-Hg-187



89

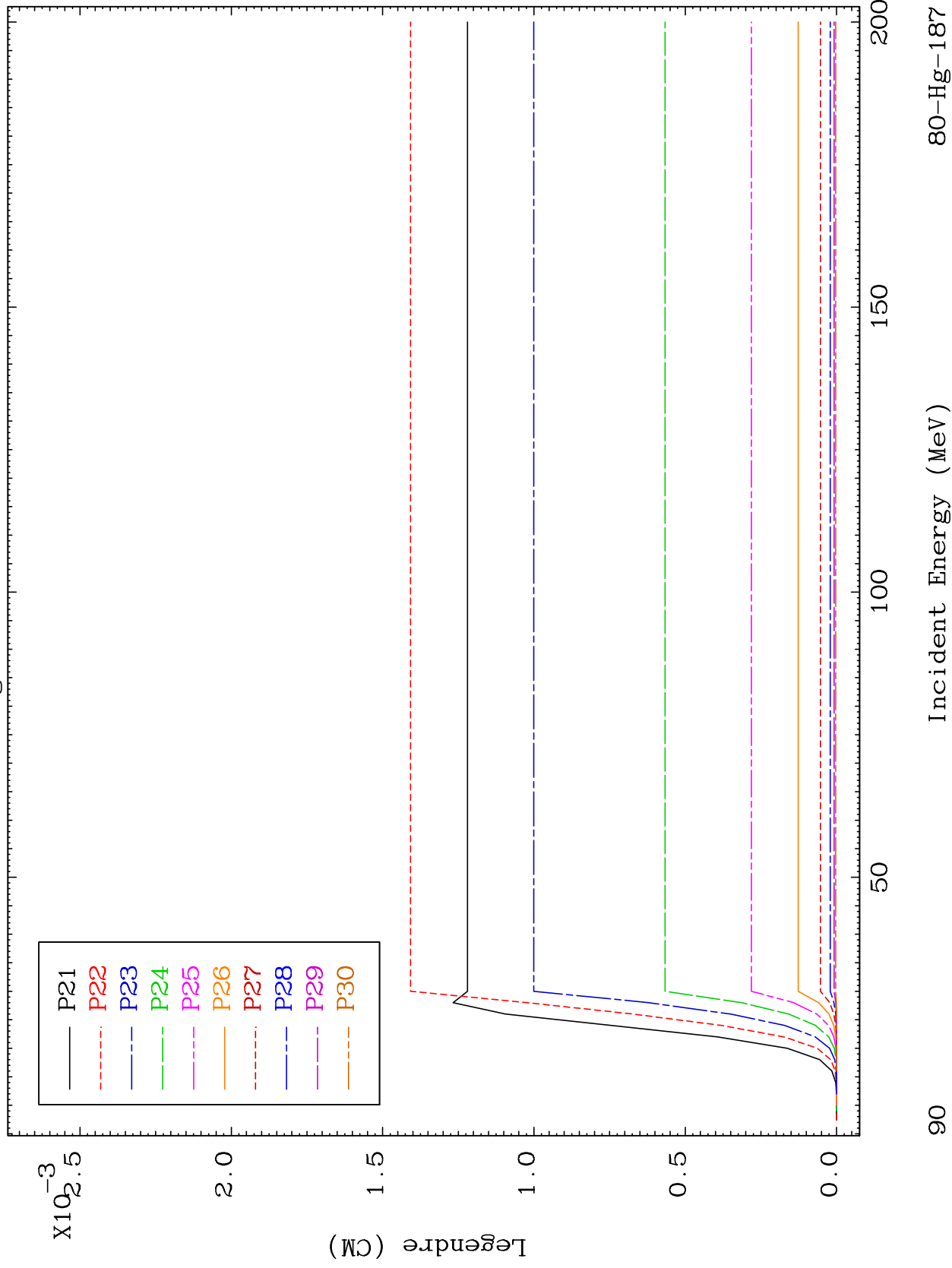
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

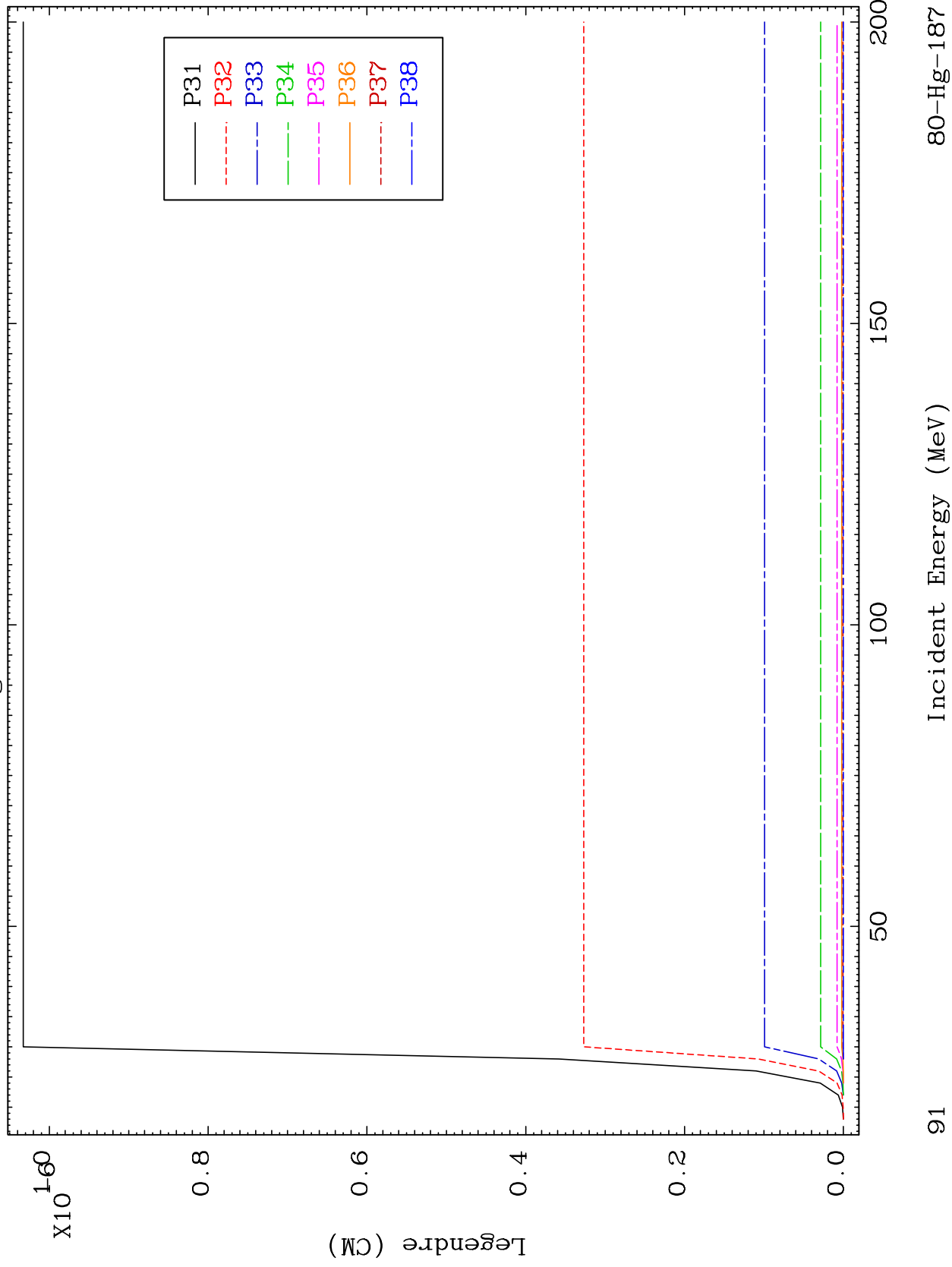
80-Hg-187



MAT 7998

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

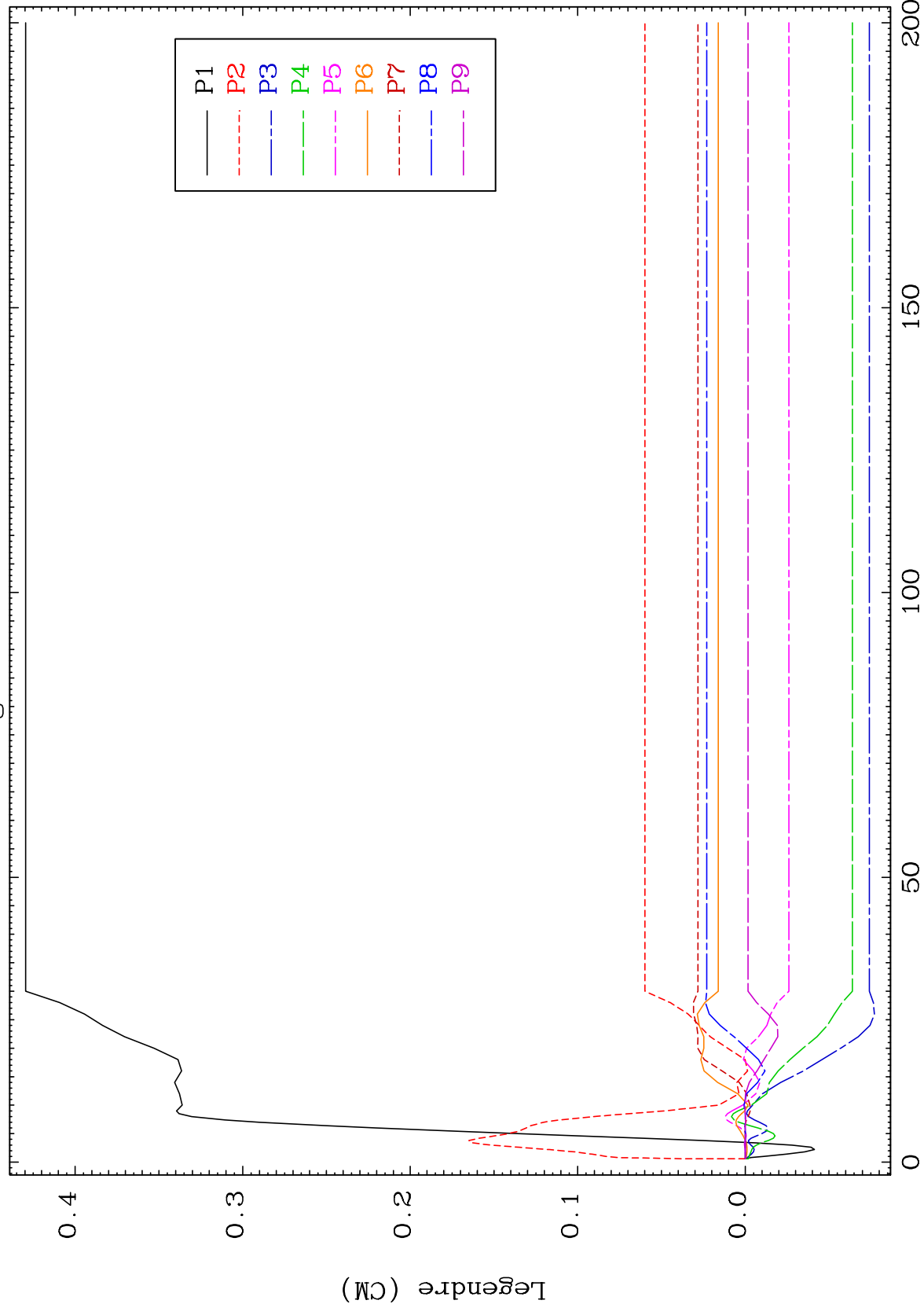
80-Hg-187



MAT 7998

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

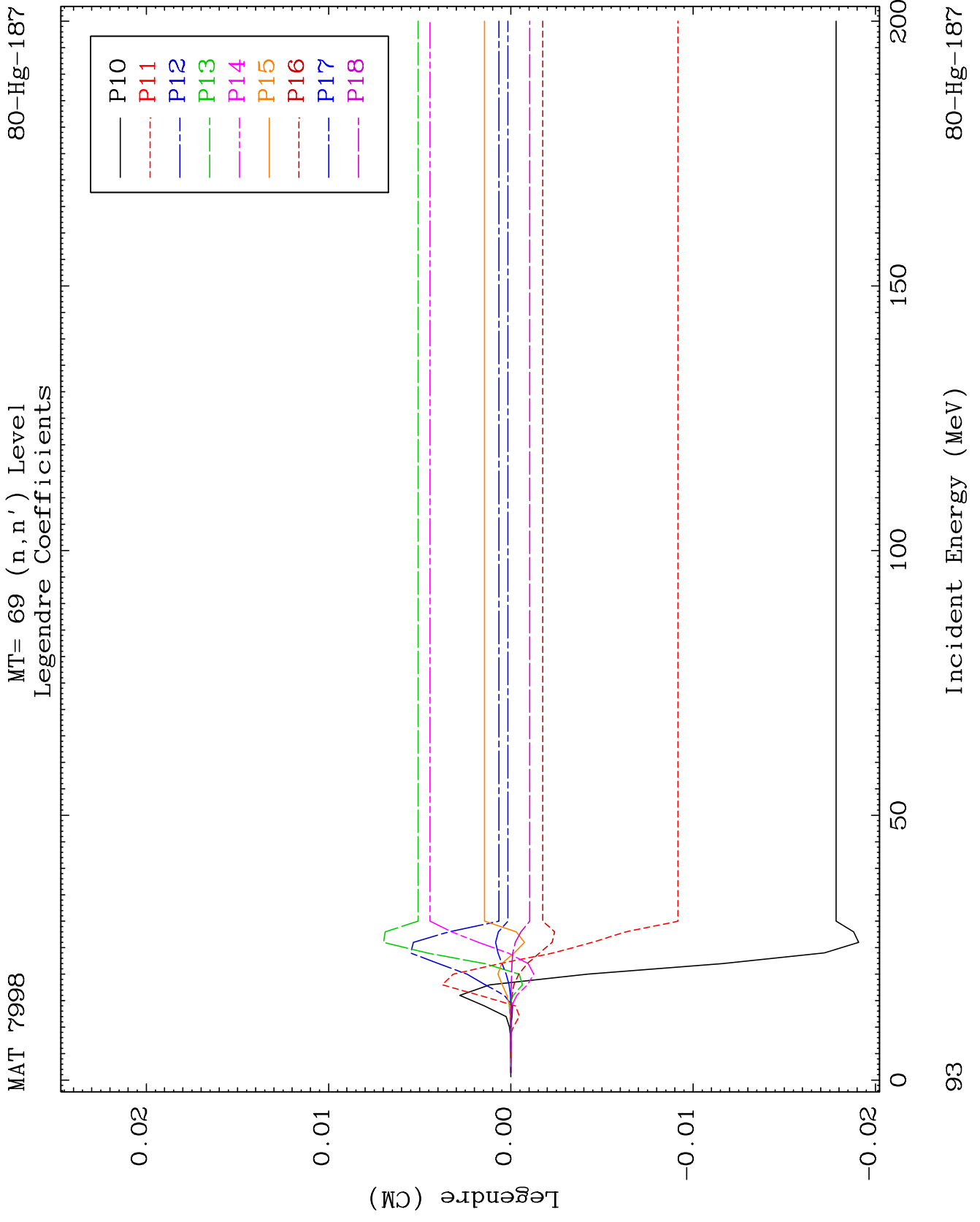
80-Hg-187



92

Incident Energy (MeV)

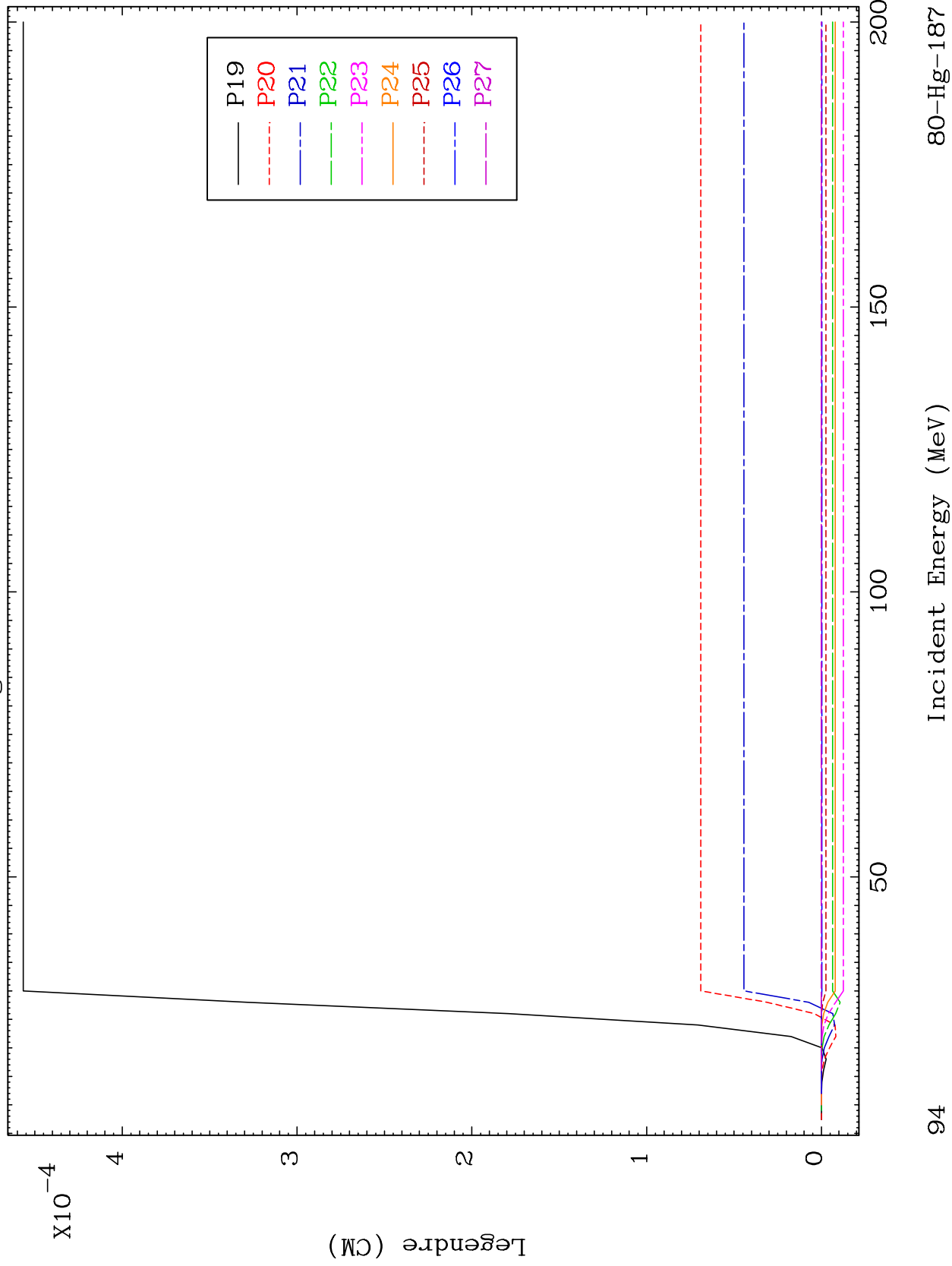
80-Hg-187



MAT 7998

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

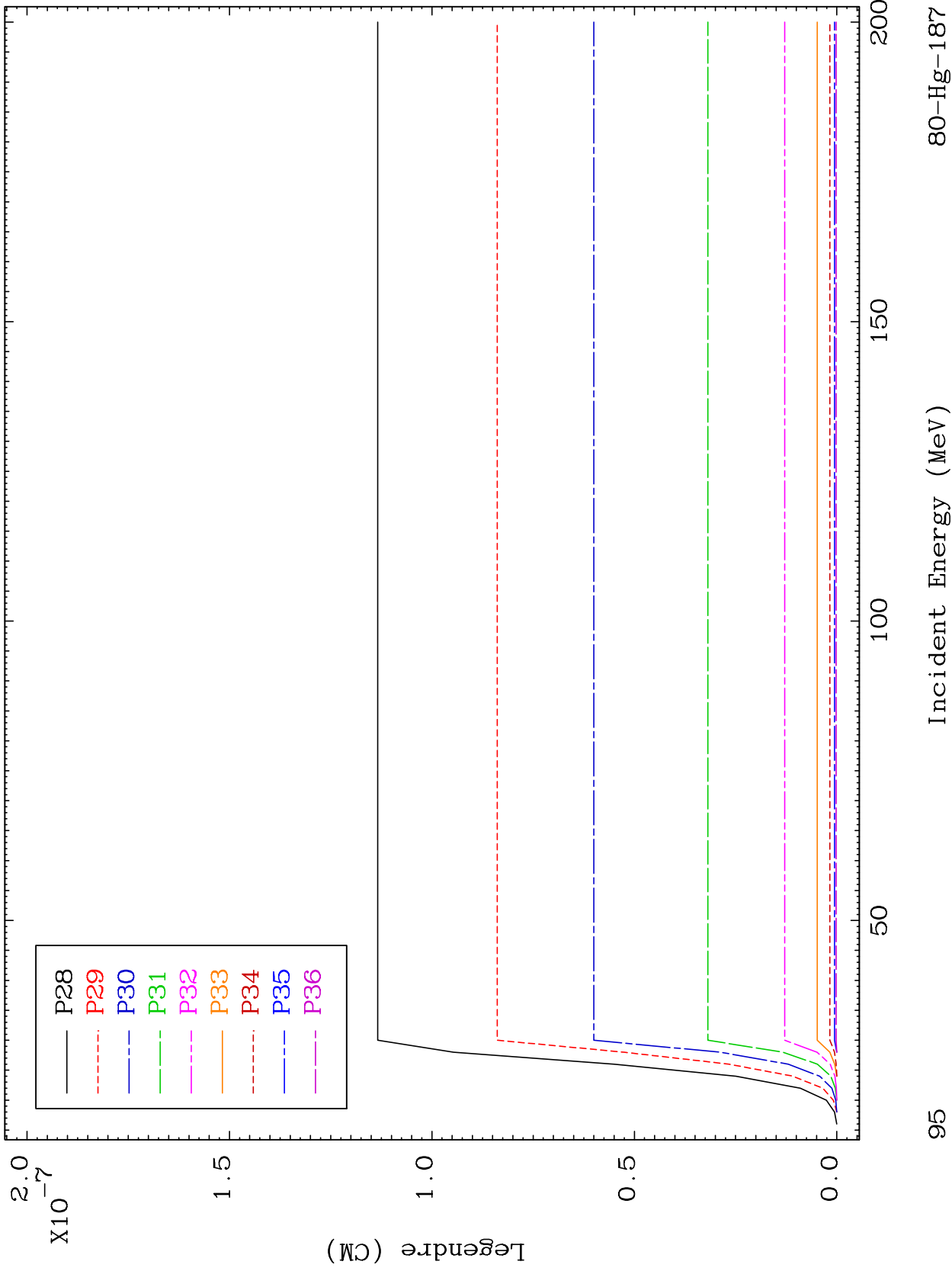
80-Hg-187



MAT 7998

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

80-Hg-187



80-Hg-187

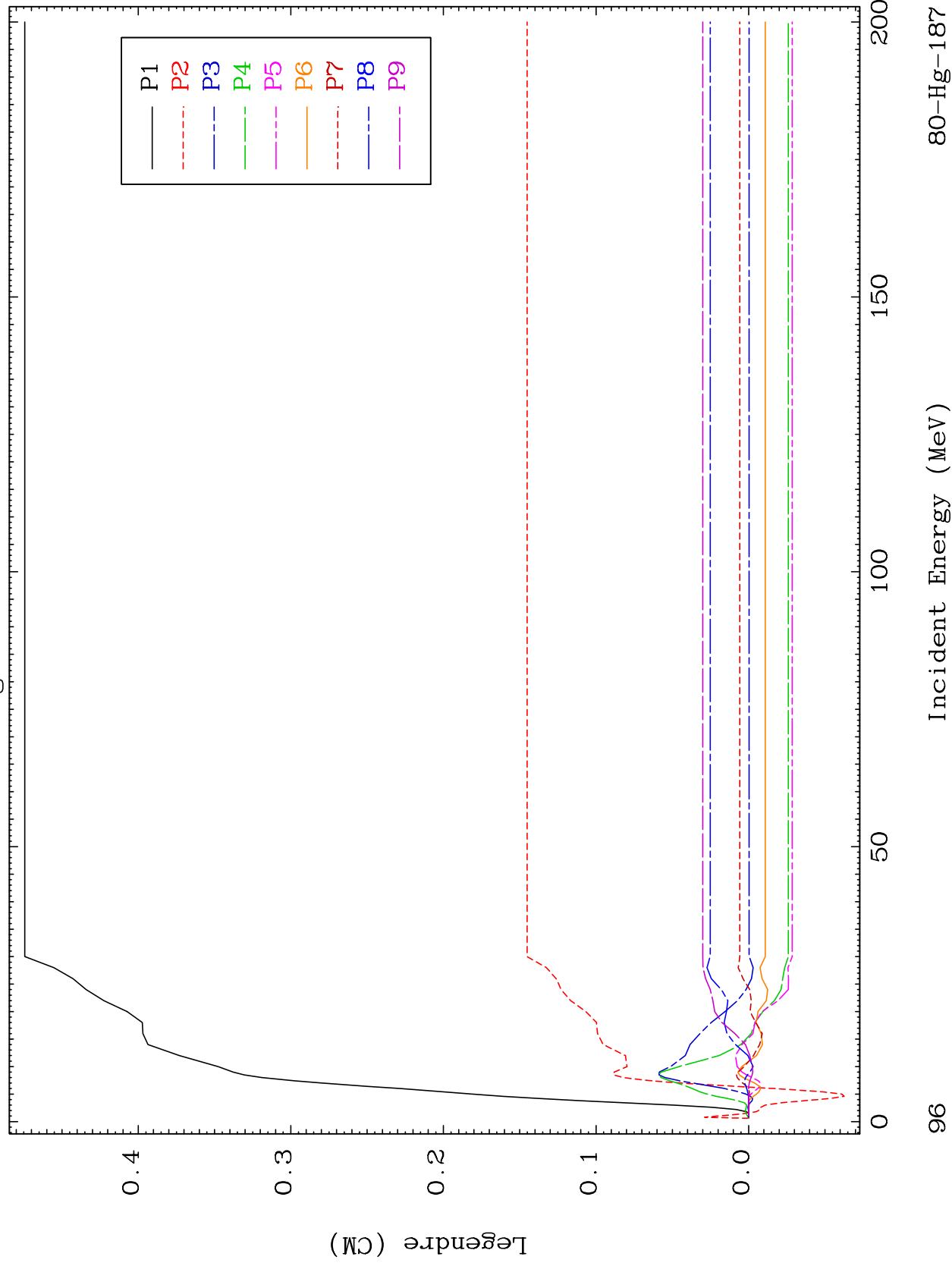
Incident Energy (MeV)

95

MAT 7998

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

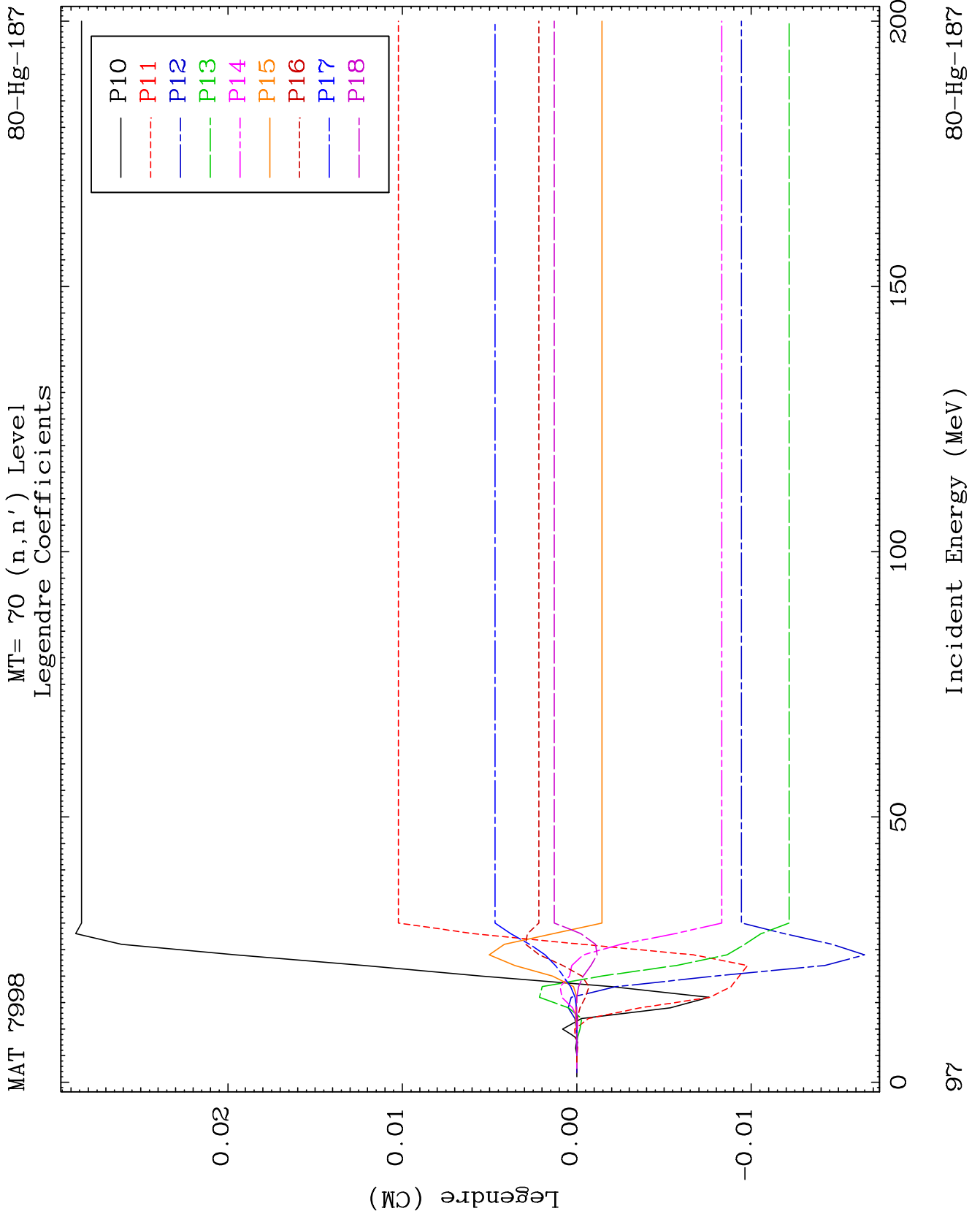
80-Hg-187



96

Incident Energy (MeV)

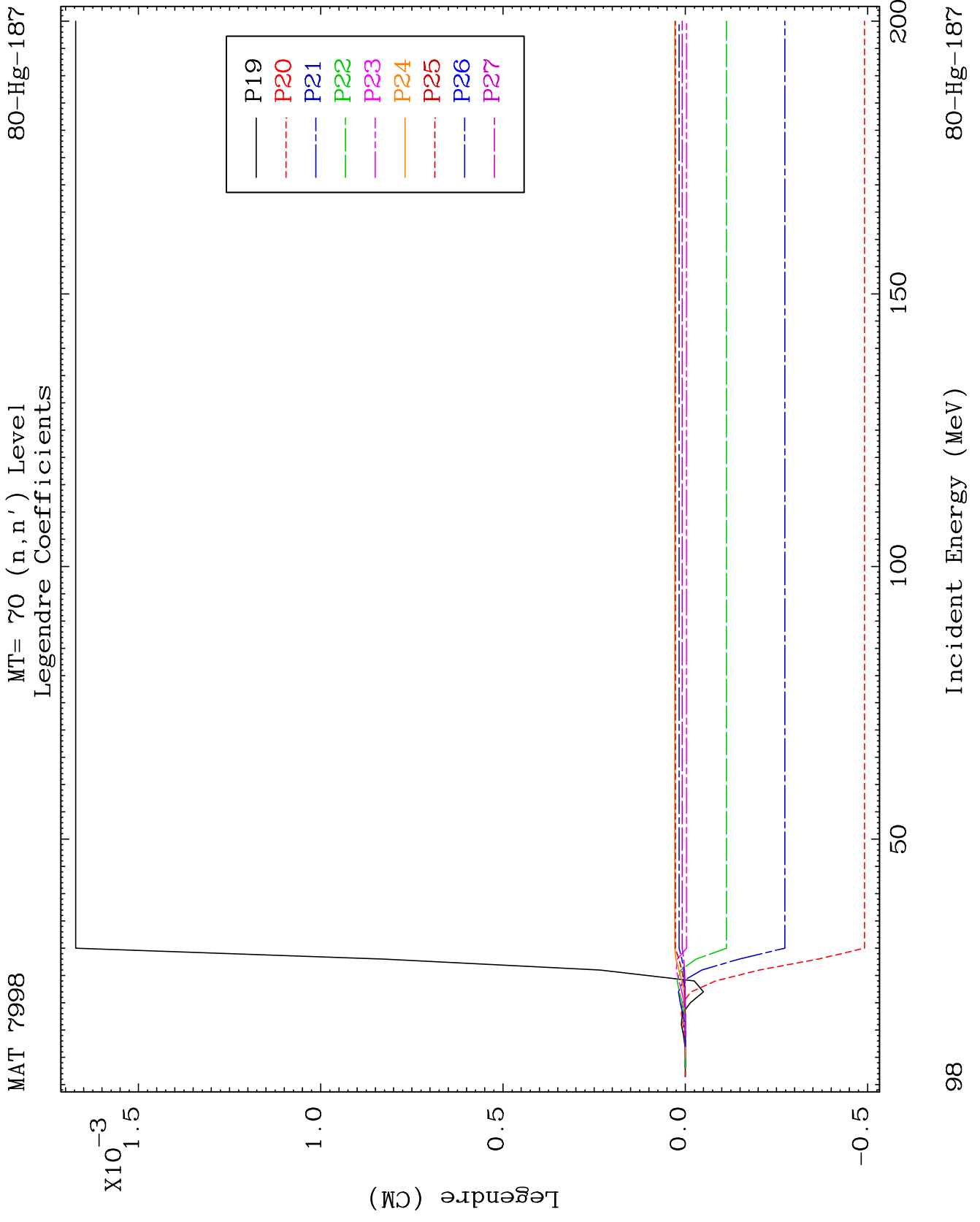
80-Hg-187



80-Hg-187

Incident Energy (MeV)

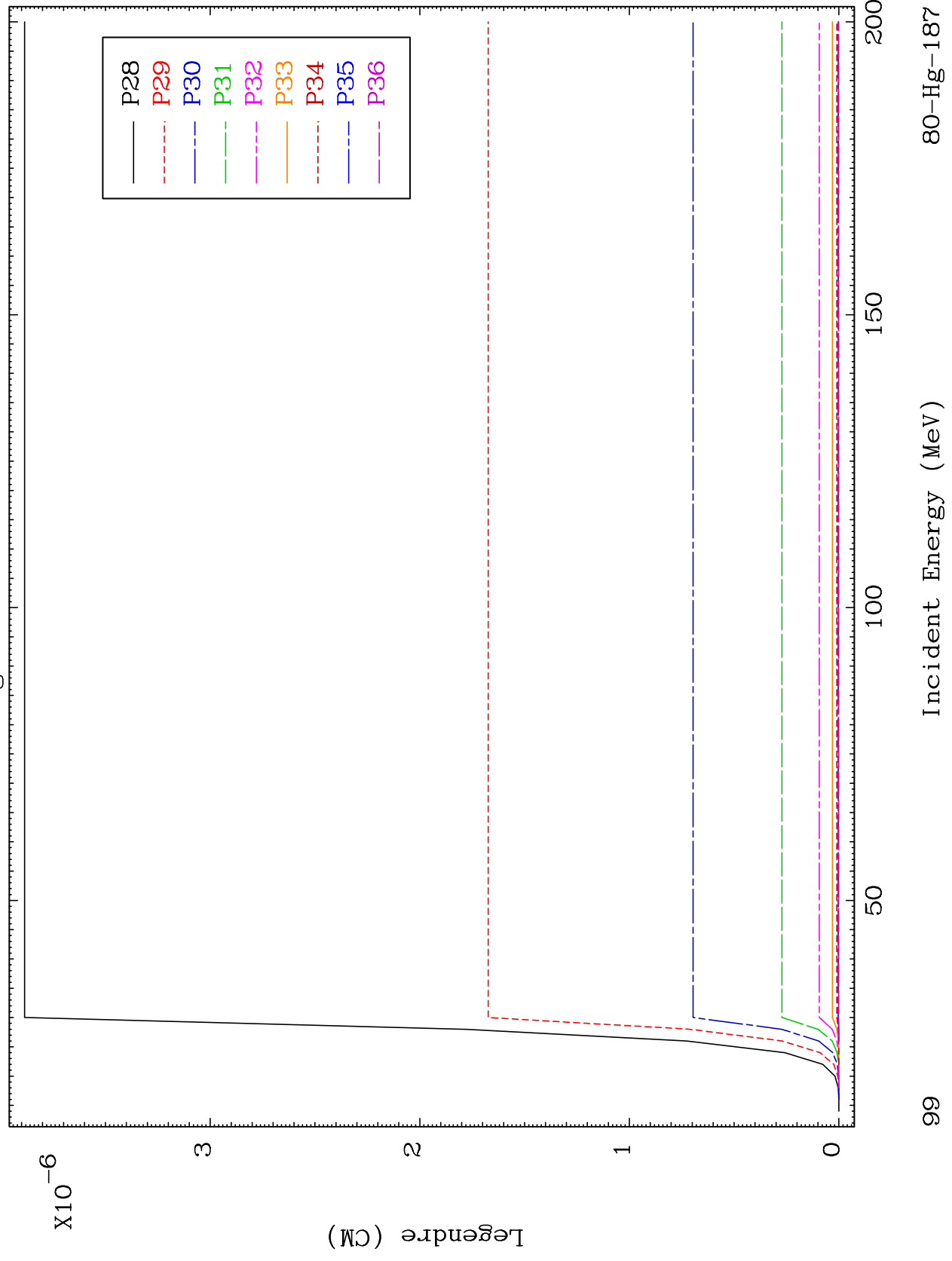
97



MAT 7998

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

80-Hg-187



99

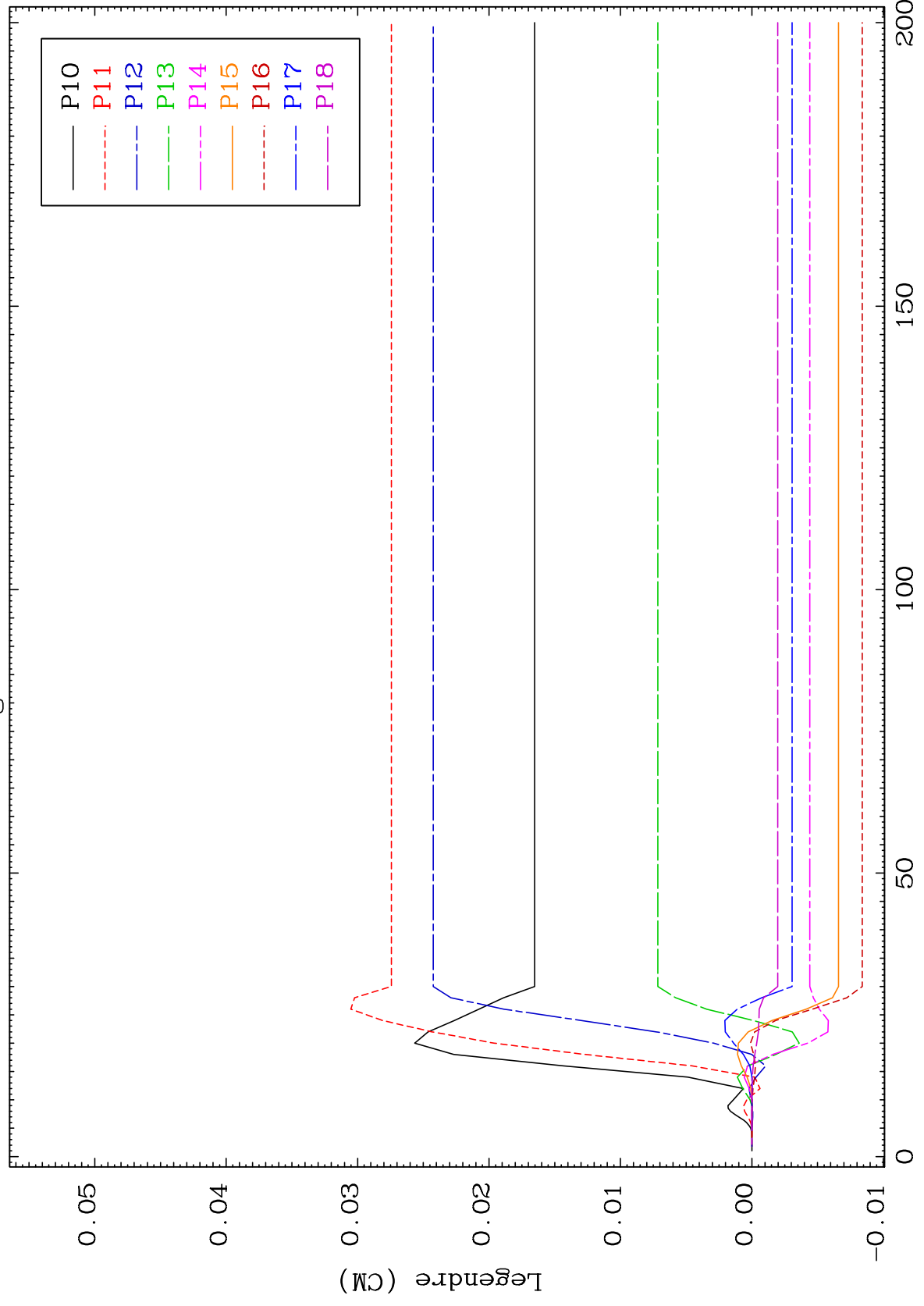
Incident Energy (MeV)

80-Hg-187

MAT 7998

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

80-Hg-187



80-Hg-187

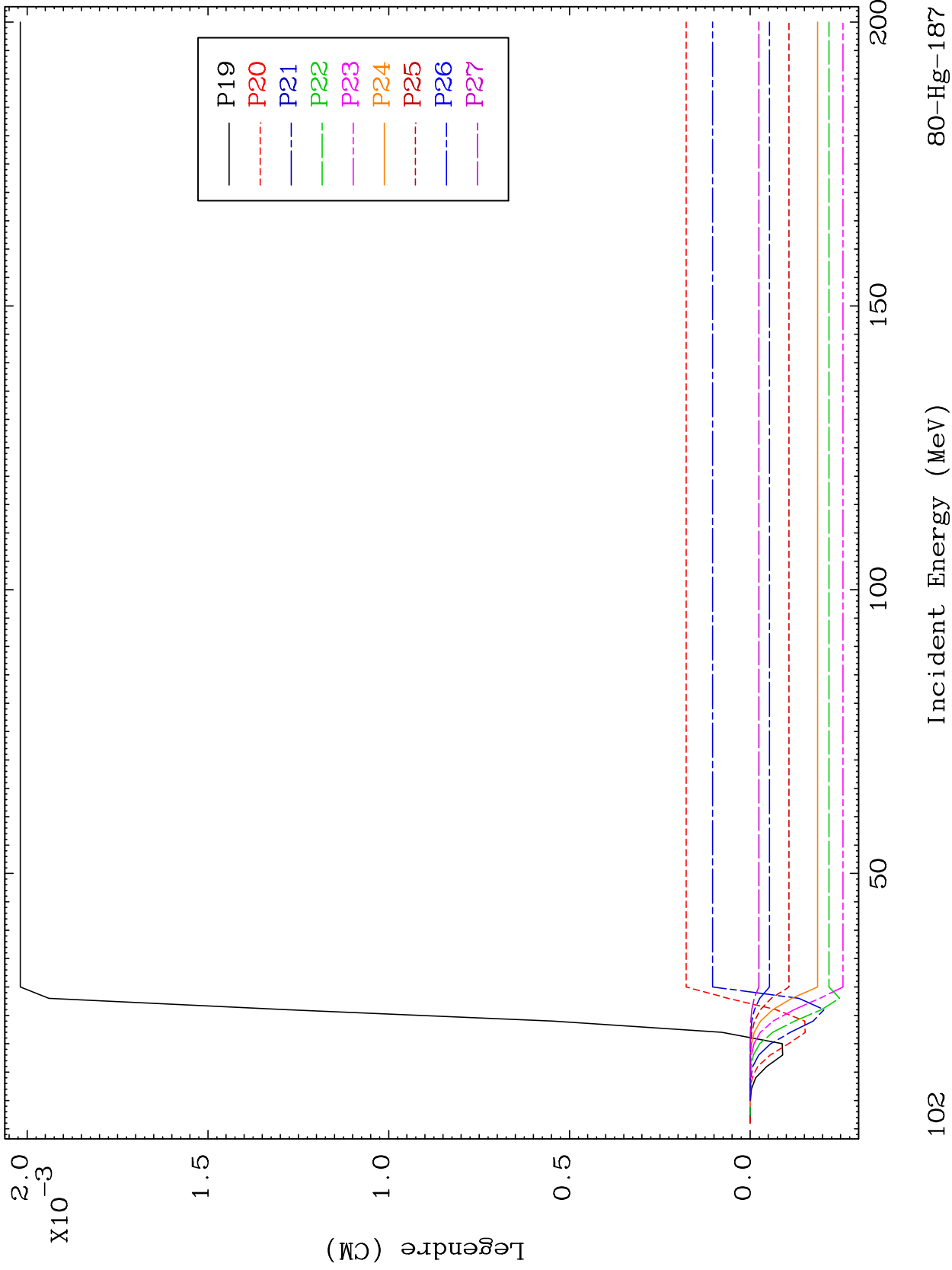
Incident Energy (MeV)

101

MAT 7998

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

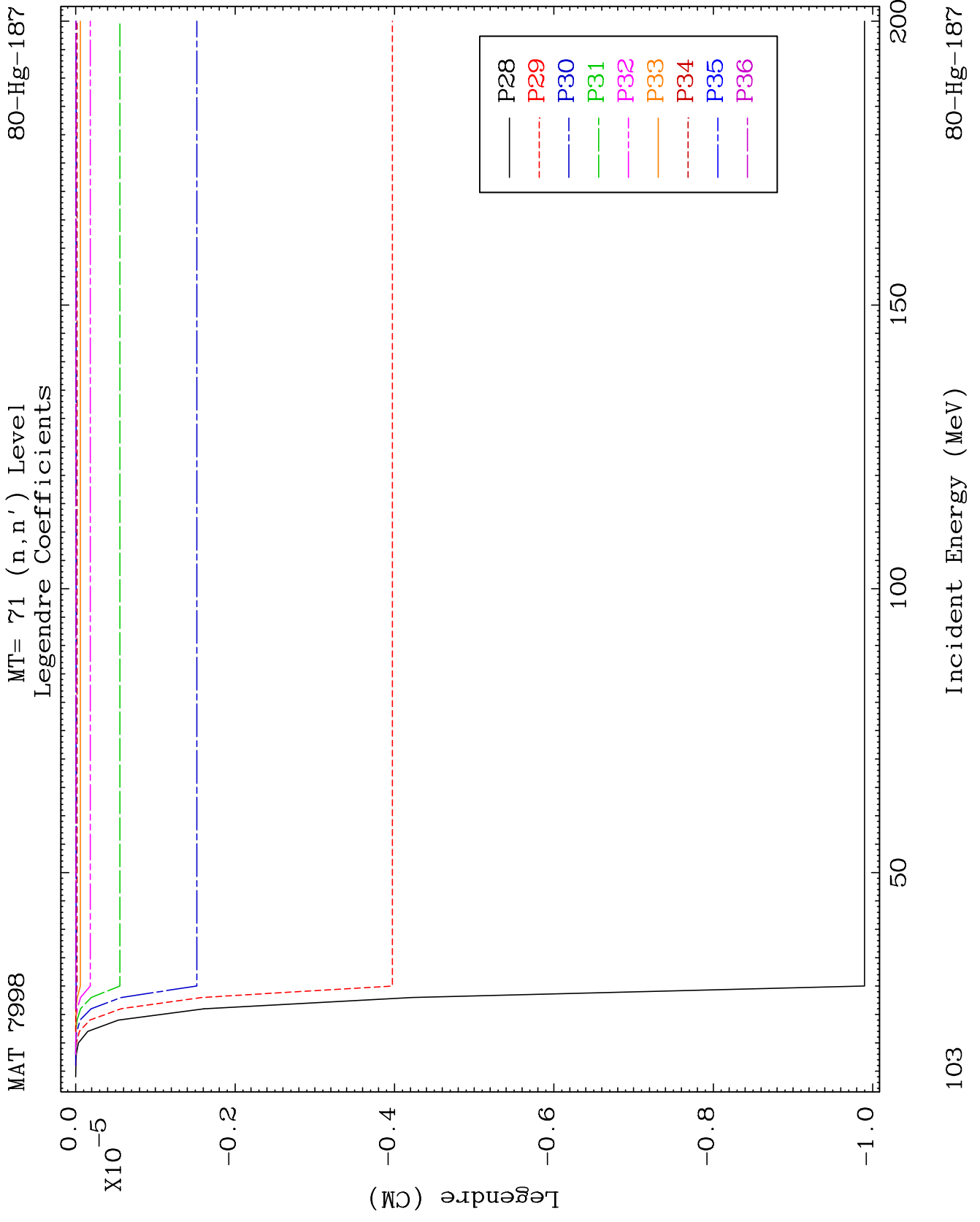
80-Hg-187



102

Incident Energy (MeV)

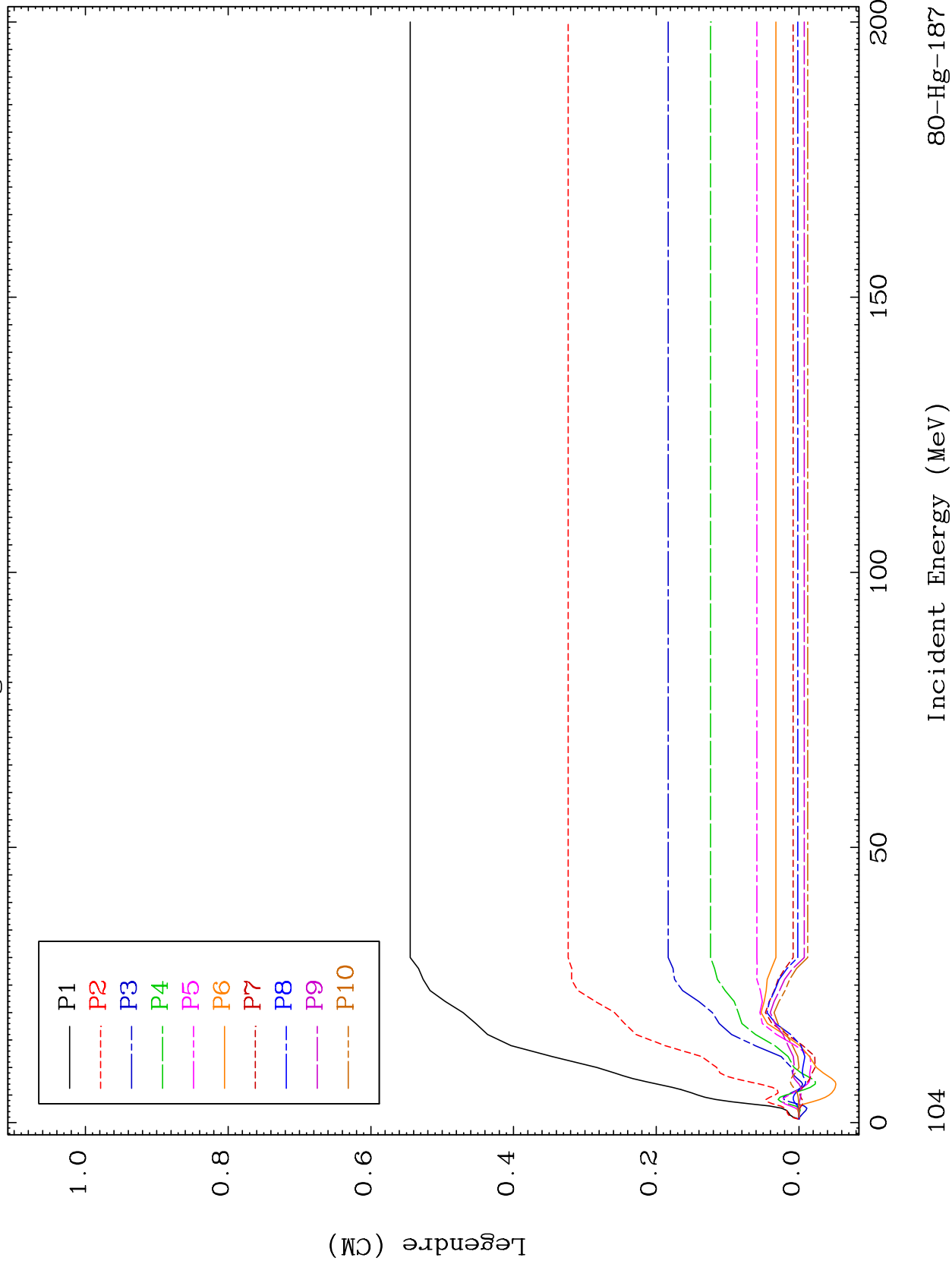
80-Hg-187



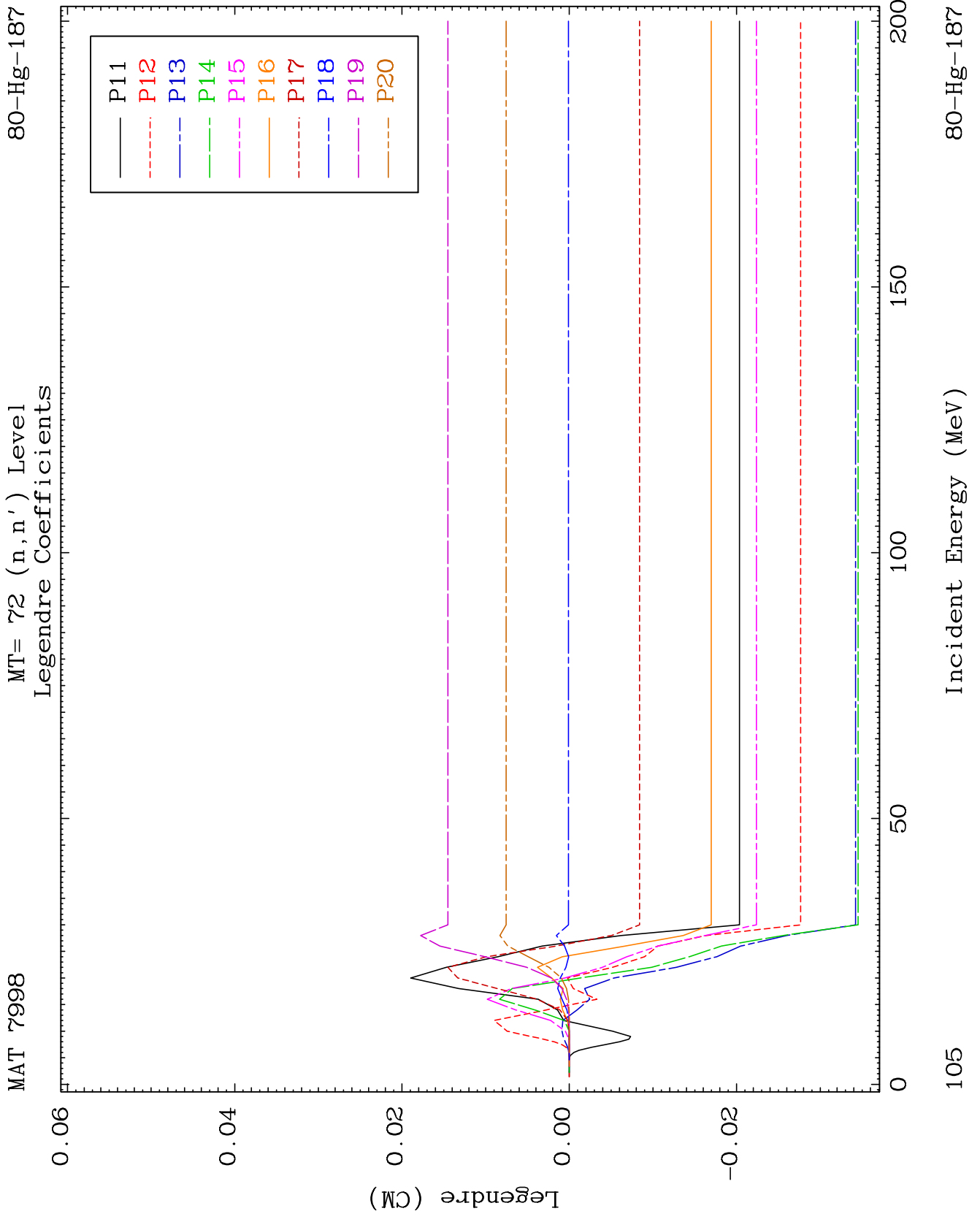
MAT 7998

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

80-Hg-187



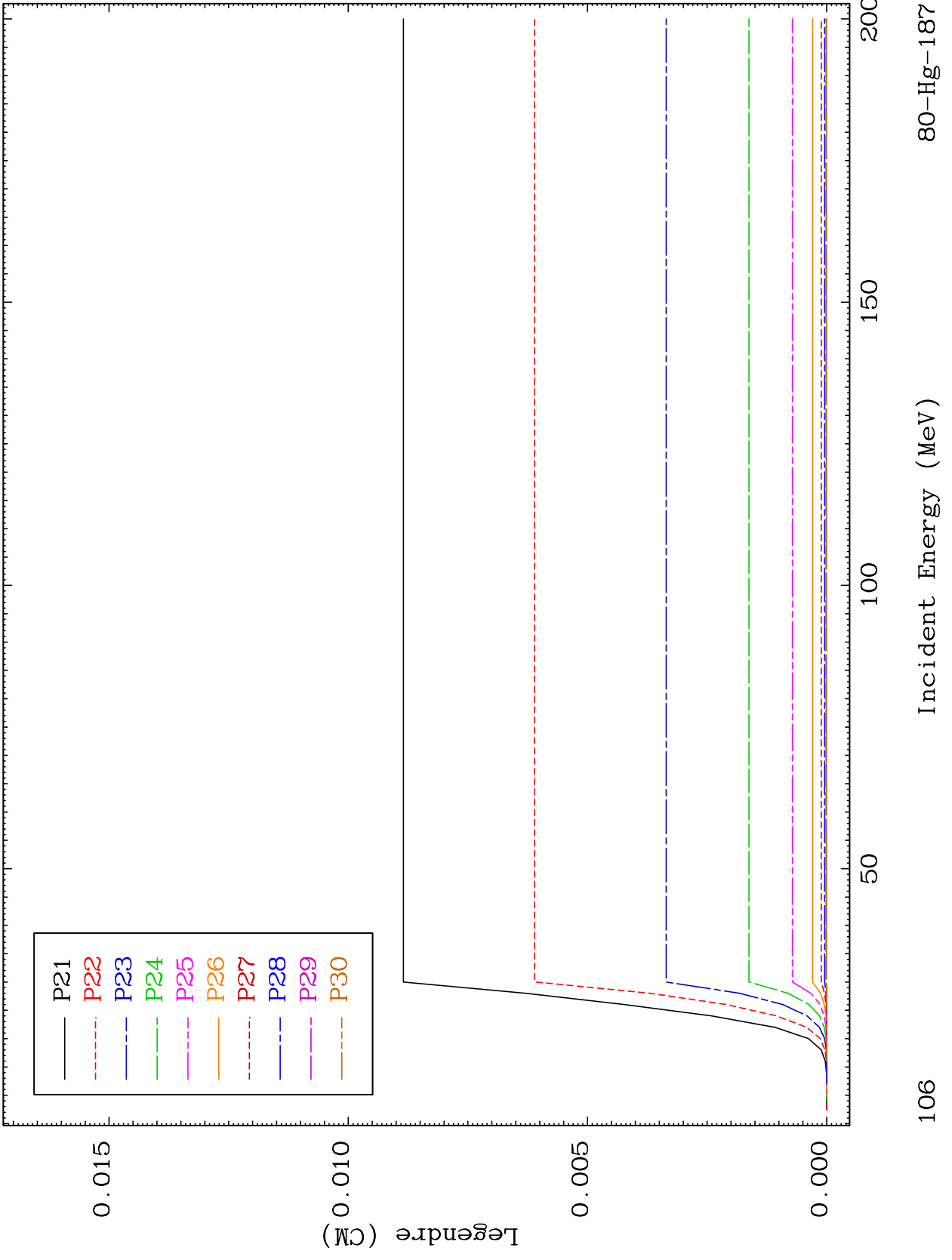
104



MAT 7998

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

80-Hg-187

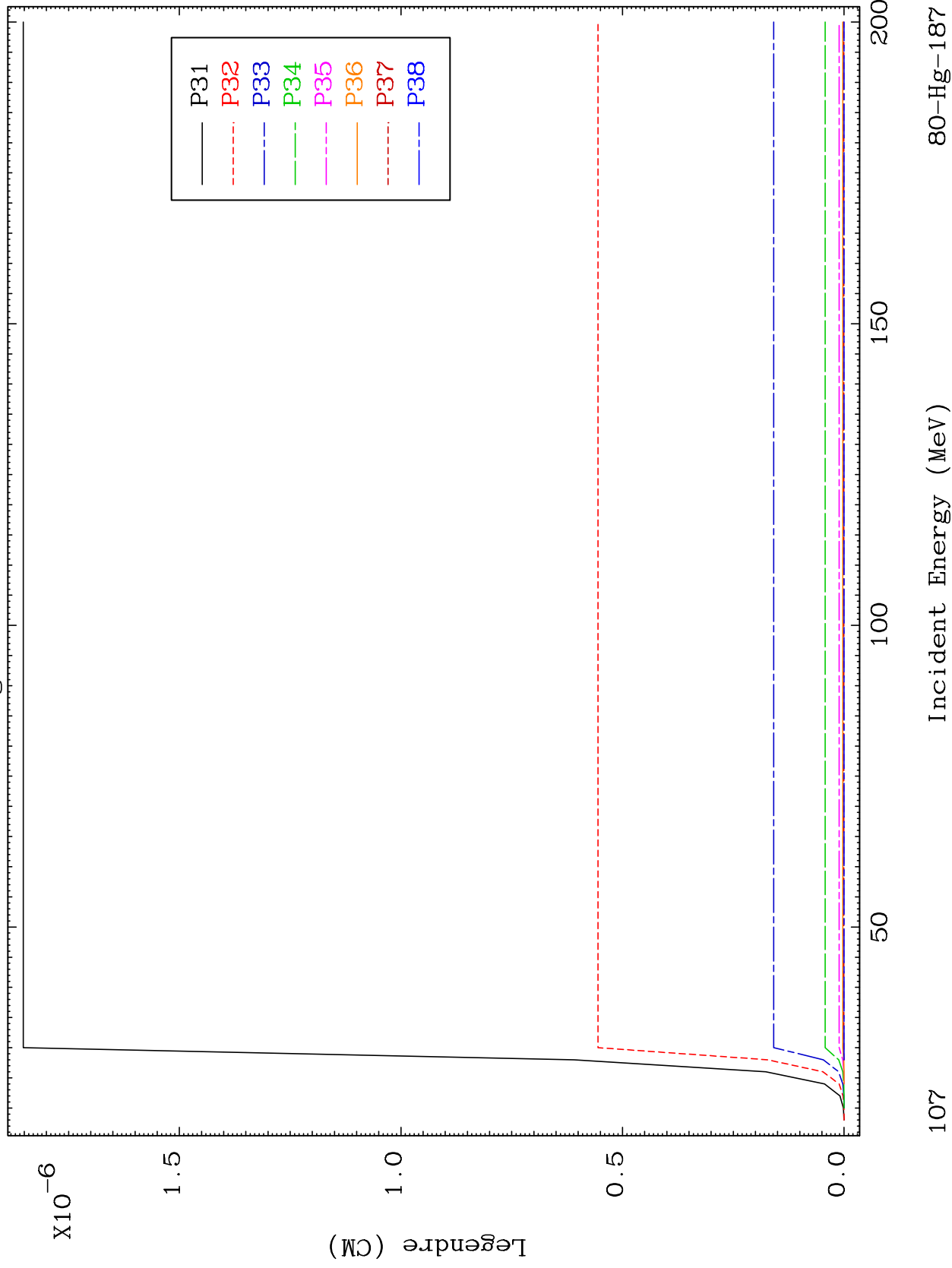


106

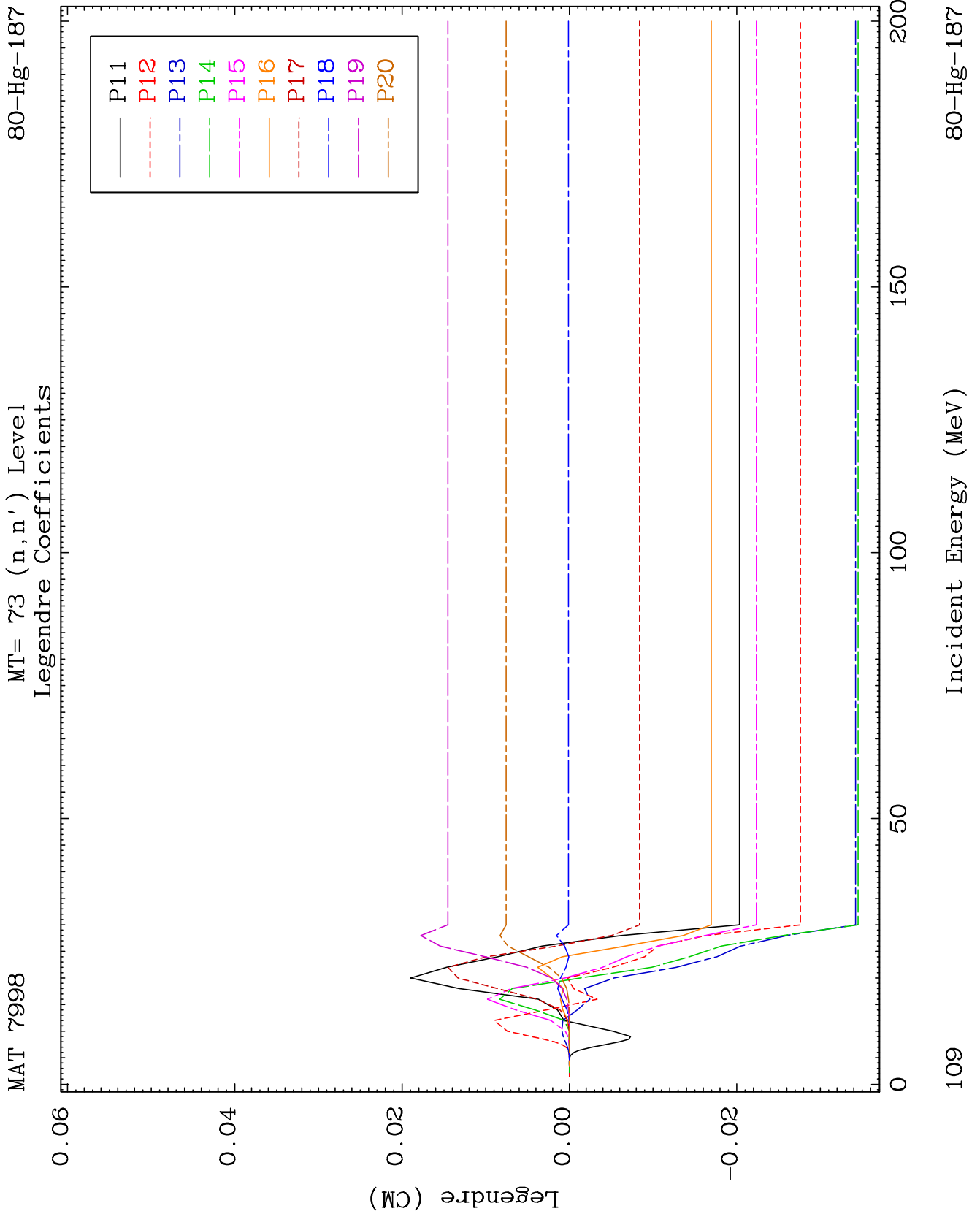
MAT 7998

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

80-Hg-187



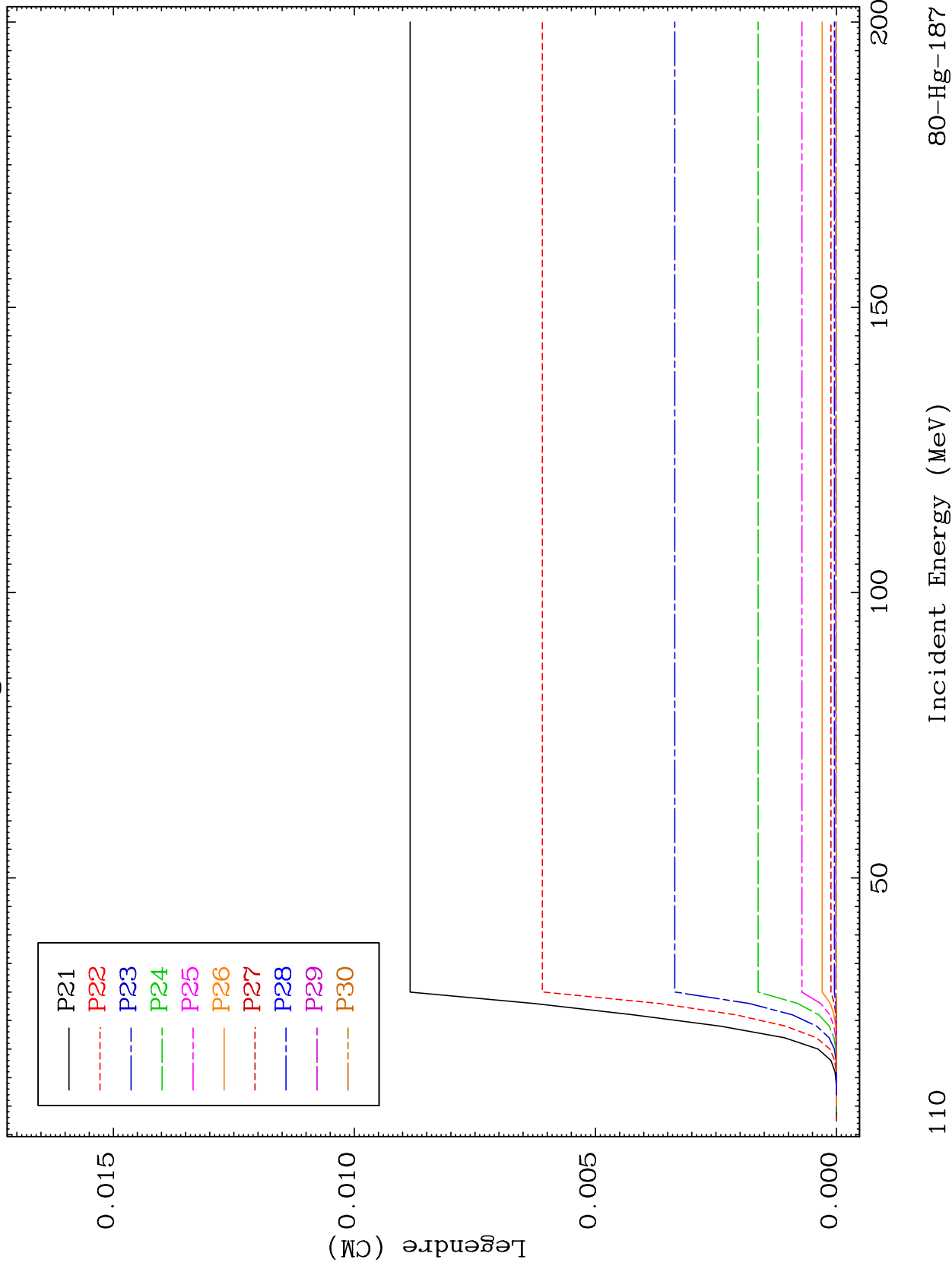
107



MAT 7998

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

80-Hg-187



110

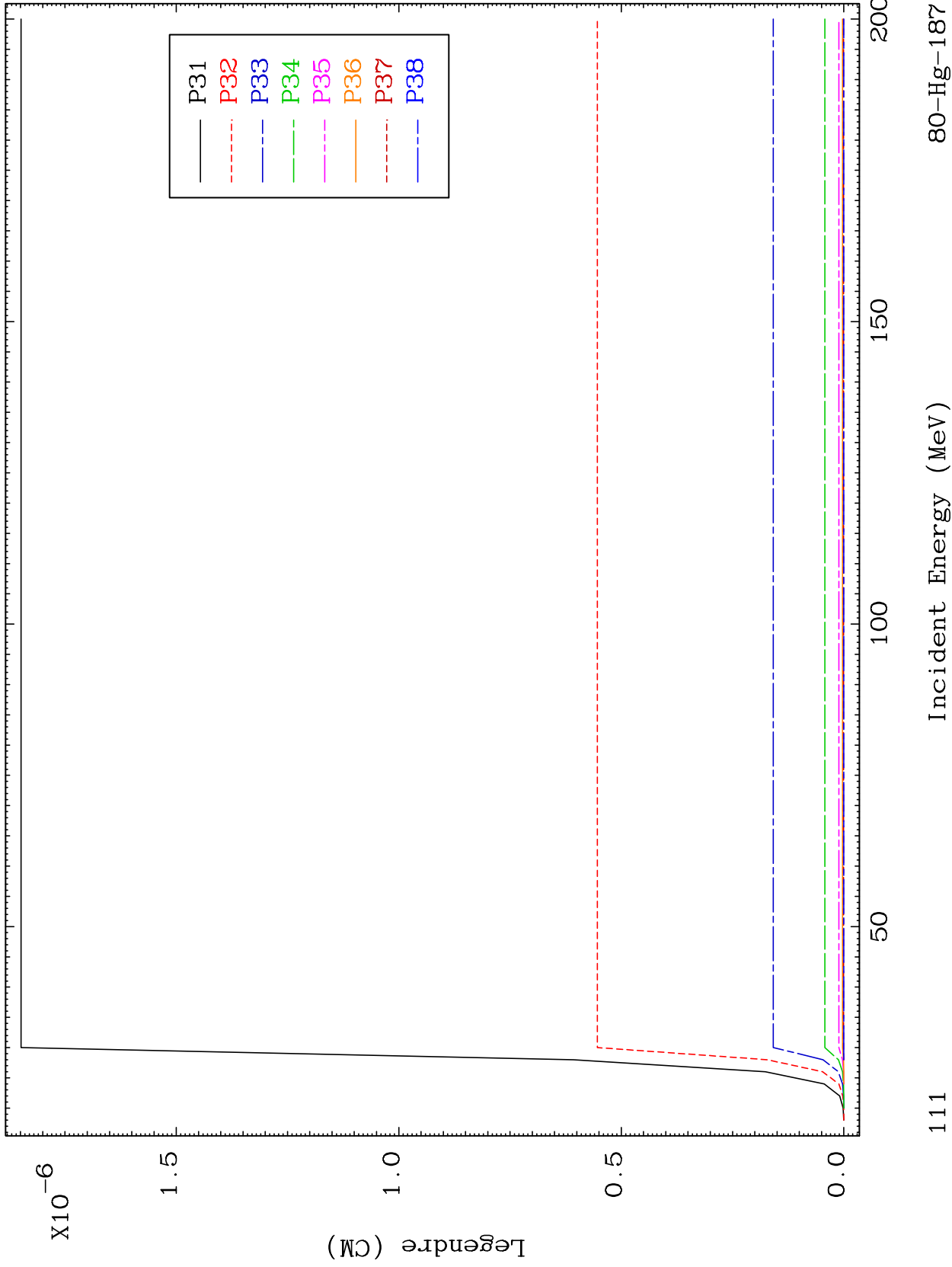
Incident Energy (MeV)

80-Hg-187

MAT 7998

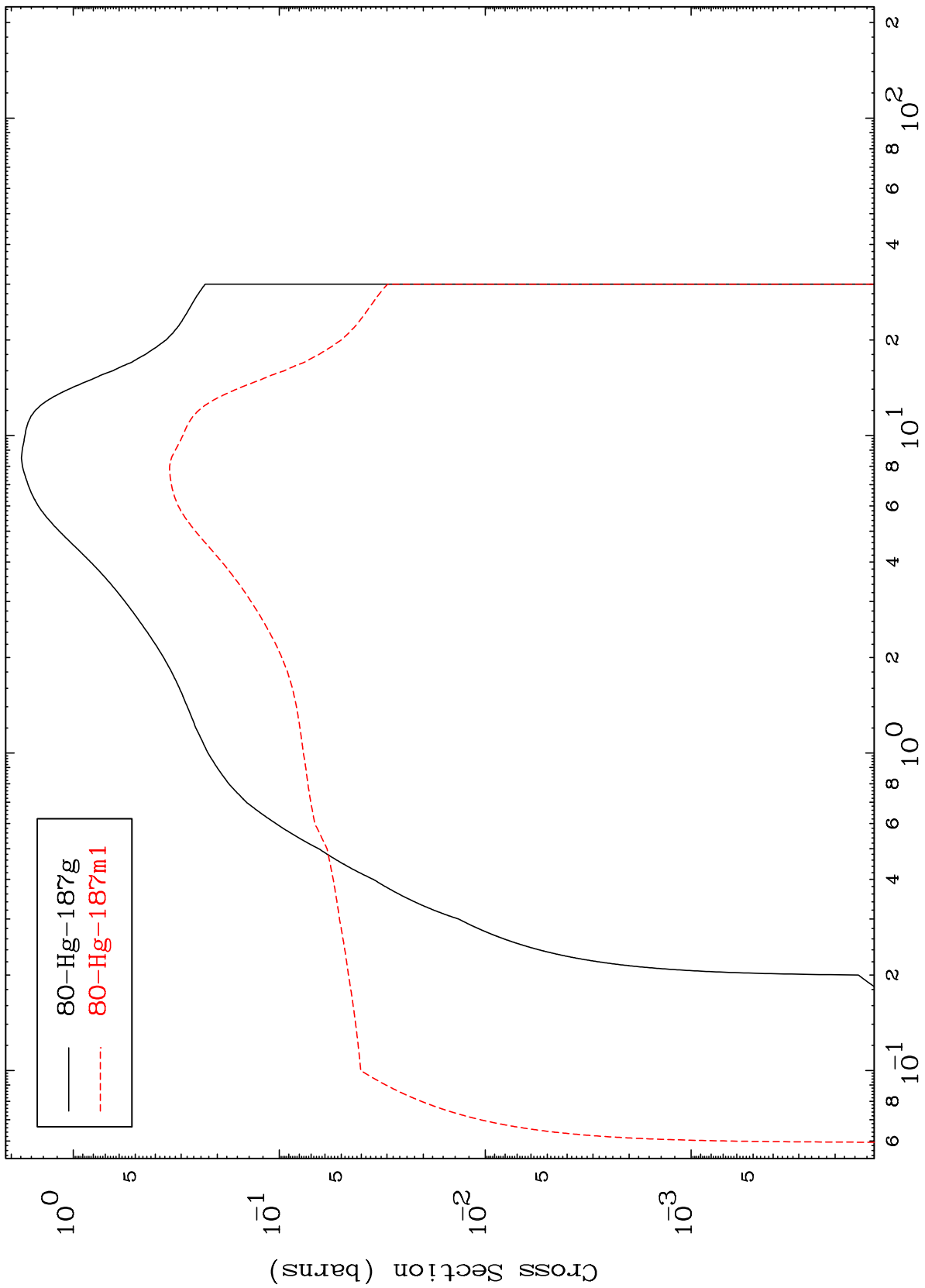
MT= 73 (n,n') Level
Legendre Coefficients

80-Hg-187



111

Radionuclide Production Cross Section

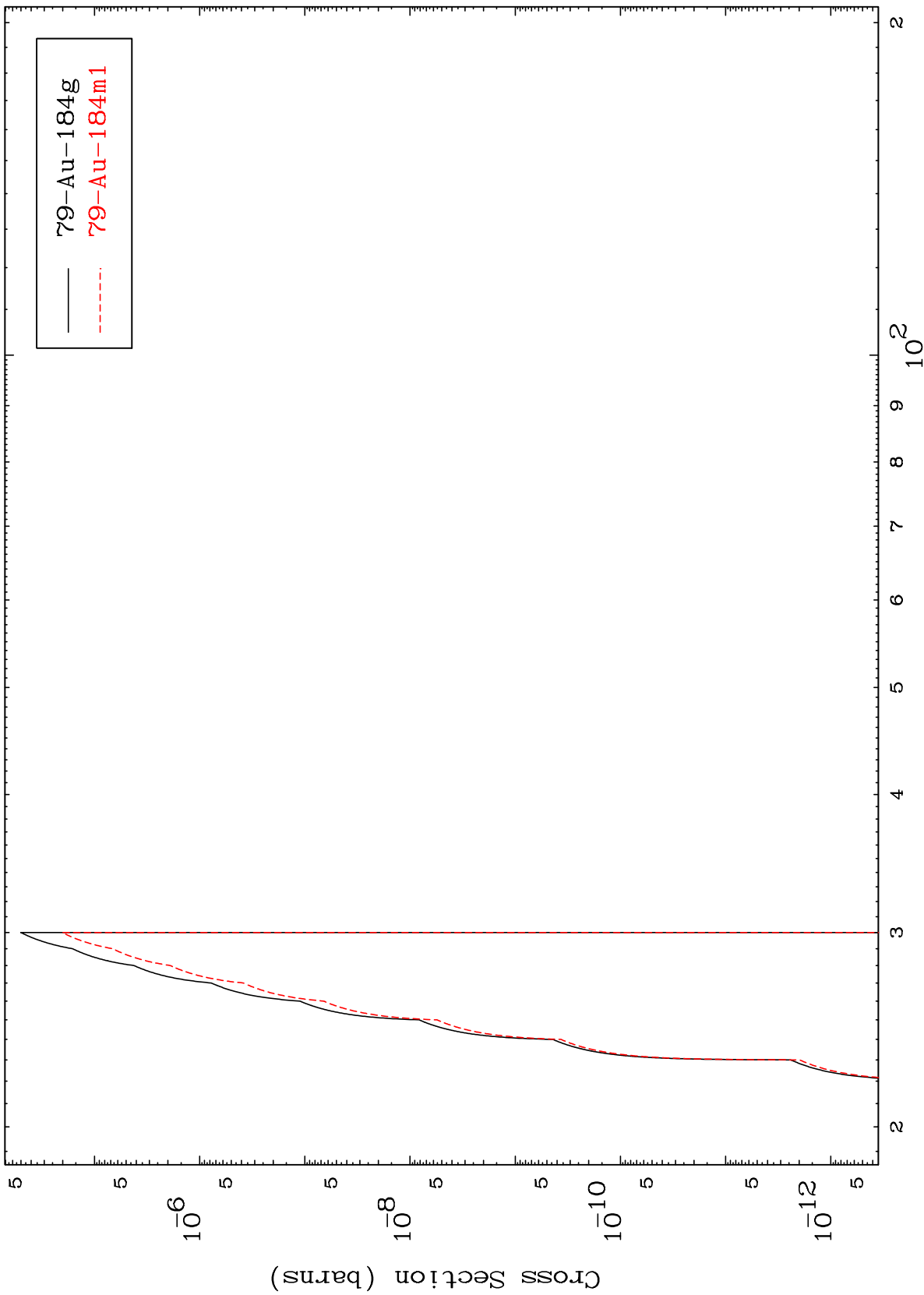


MAT 7998

(n,2n) d

80-Hg-187

Radionuclide Production Cross Section



113

Incident Energy (MeV)

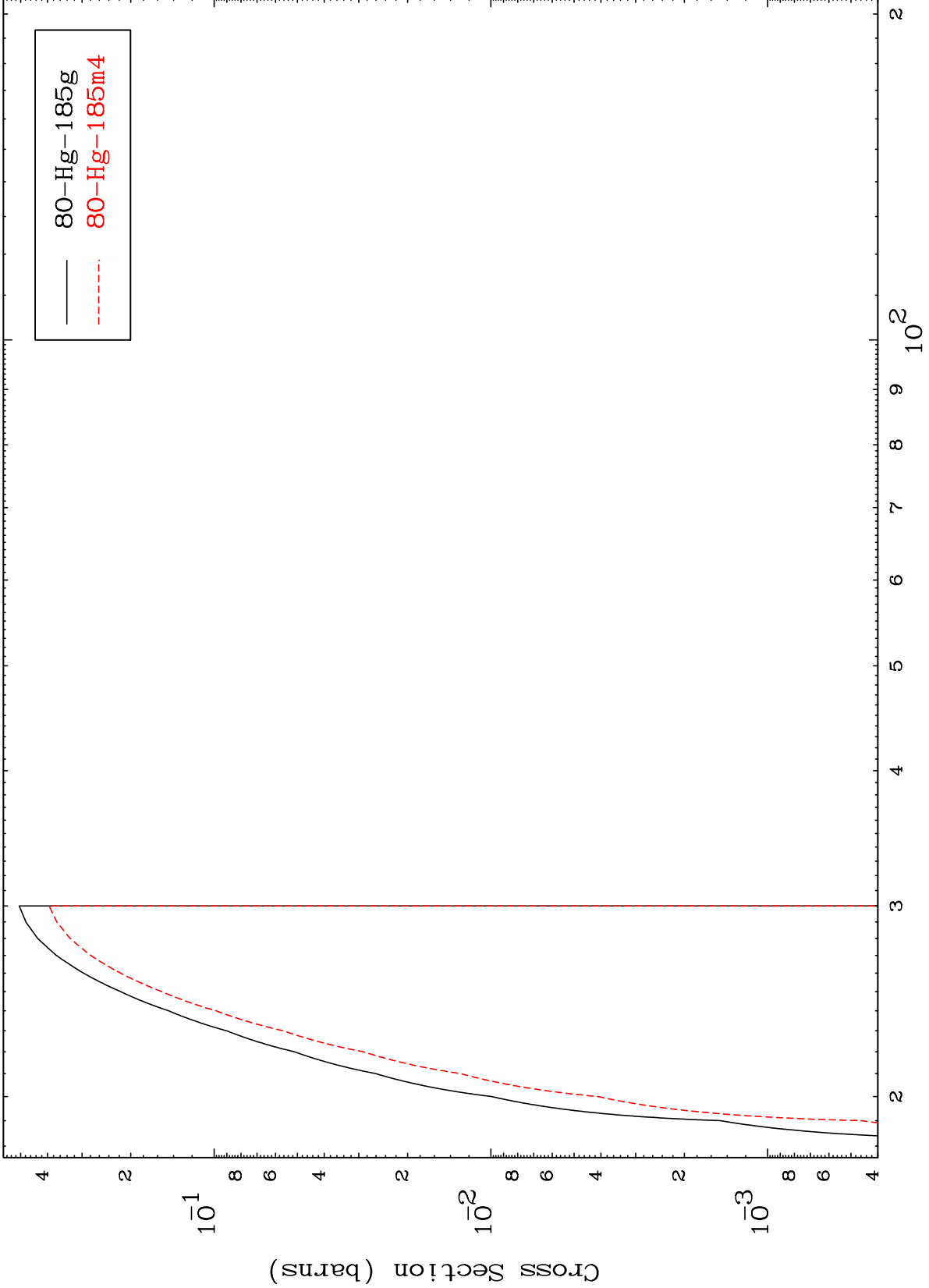
80-Hg-187

MAT 7998

(n,3n)

80-Hg-187

Radionuclide Production Cross Section



114

Incident Energy (MeV)

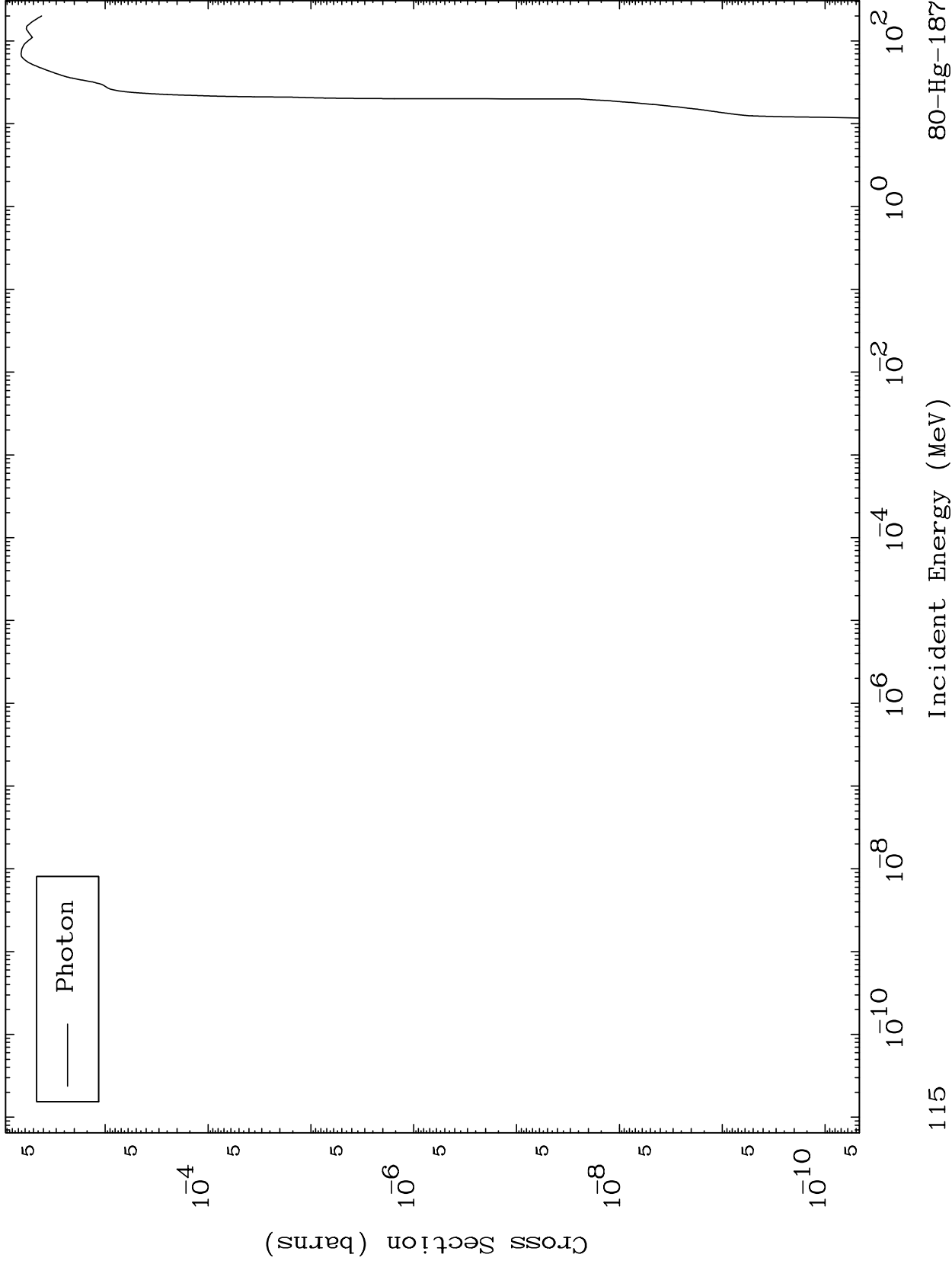
80-Hg-187

MAT 7998

Fission

80-Hg-187

Radionuclide Production Cross Section

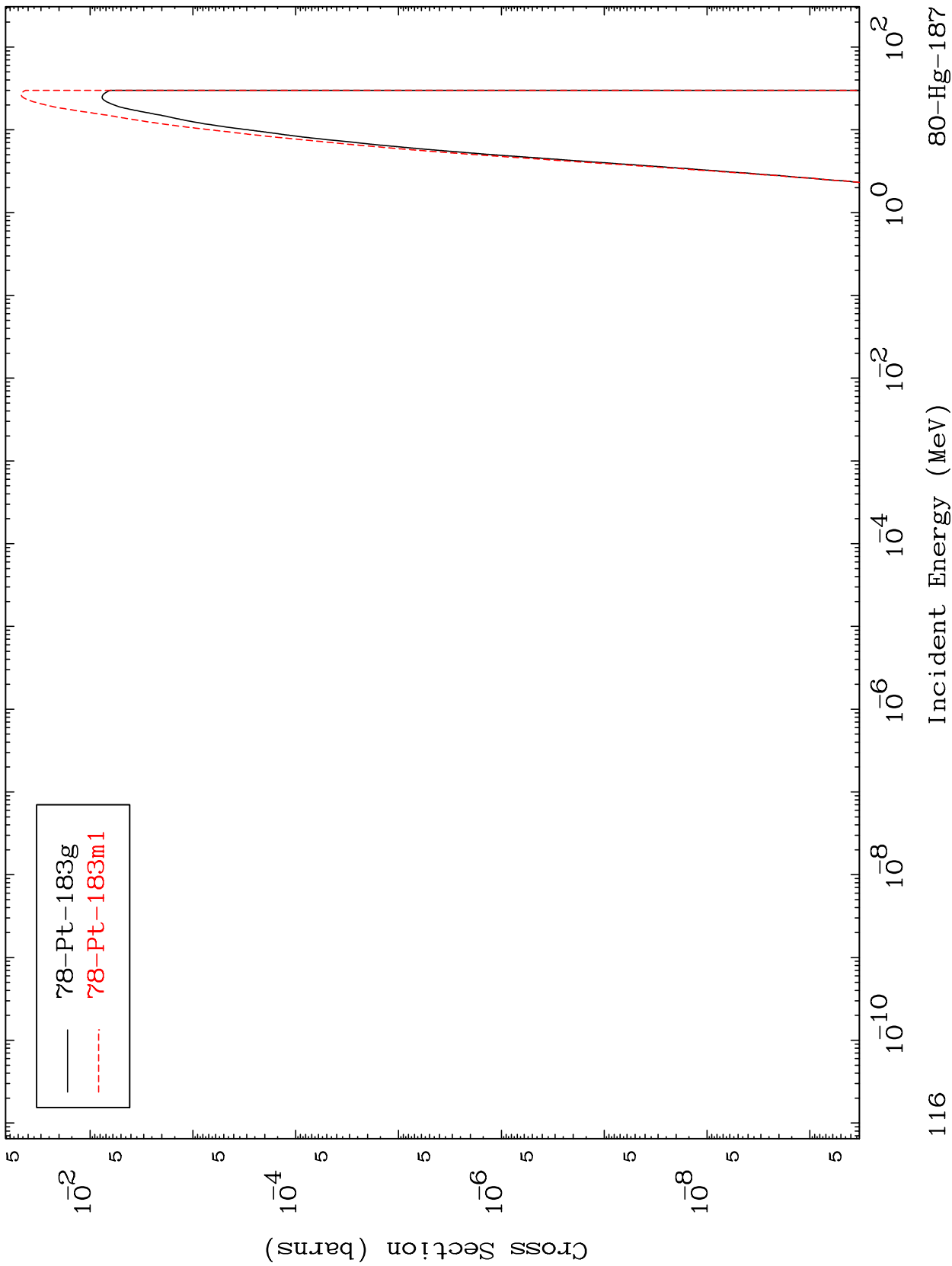


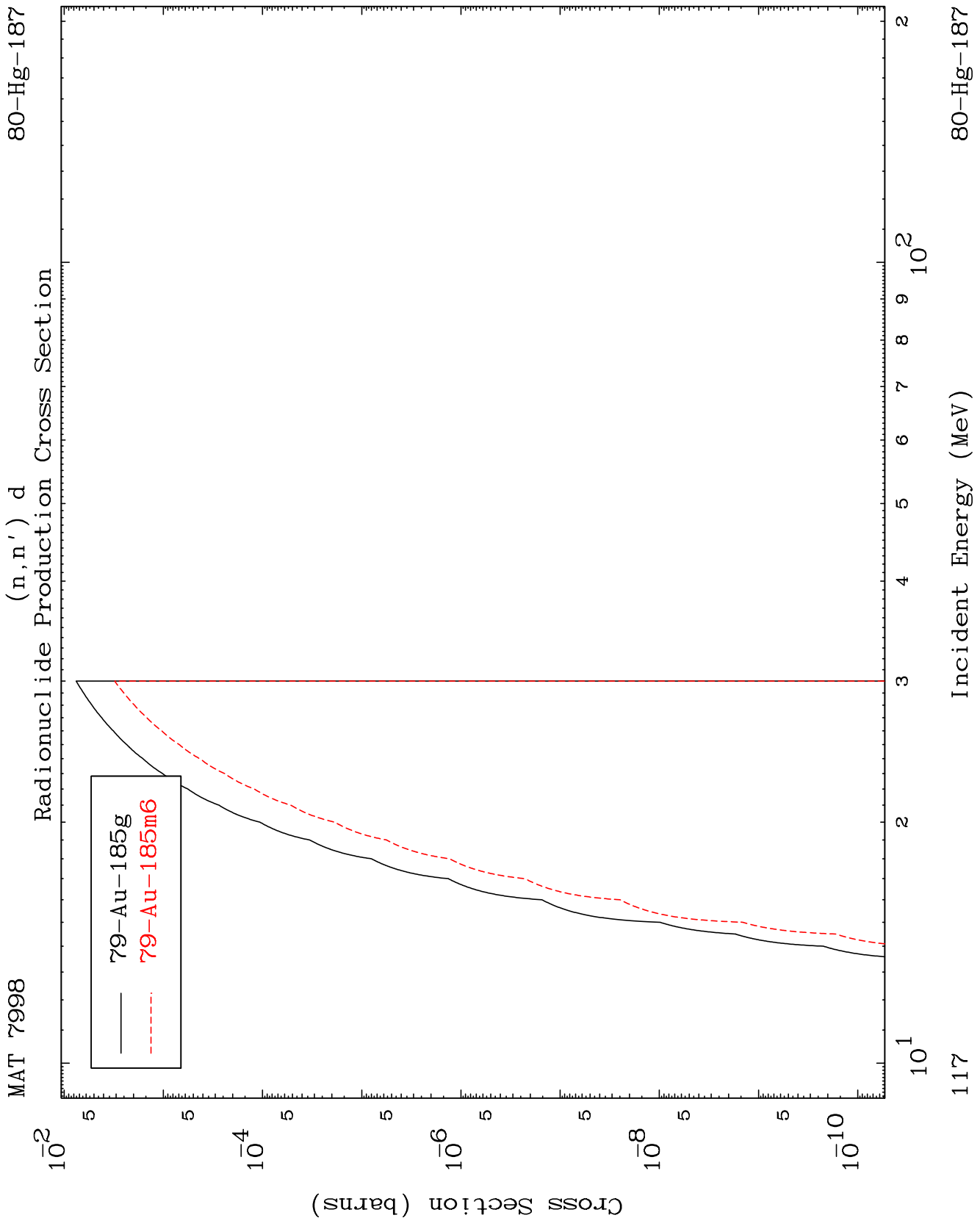
MAT 7998

$(n, n') \alpha$

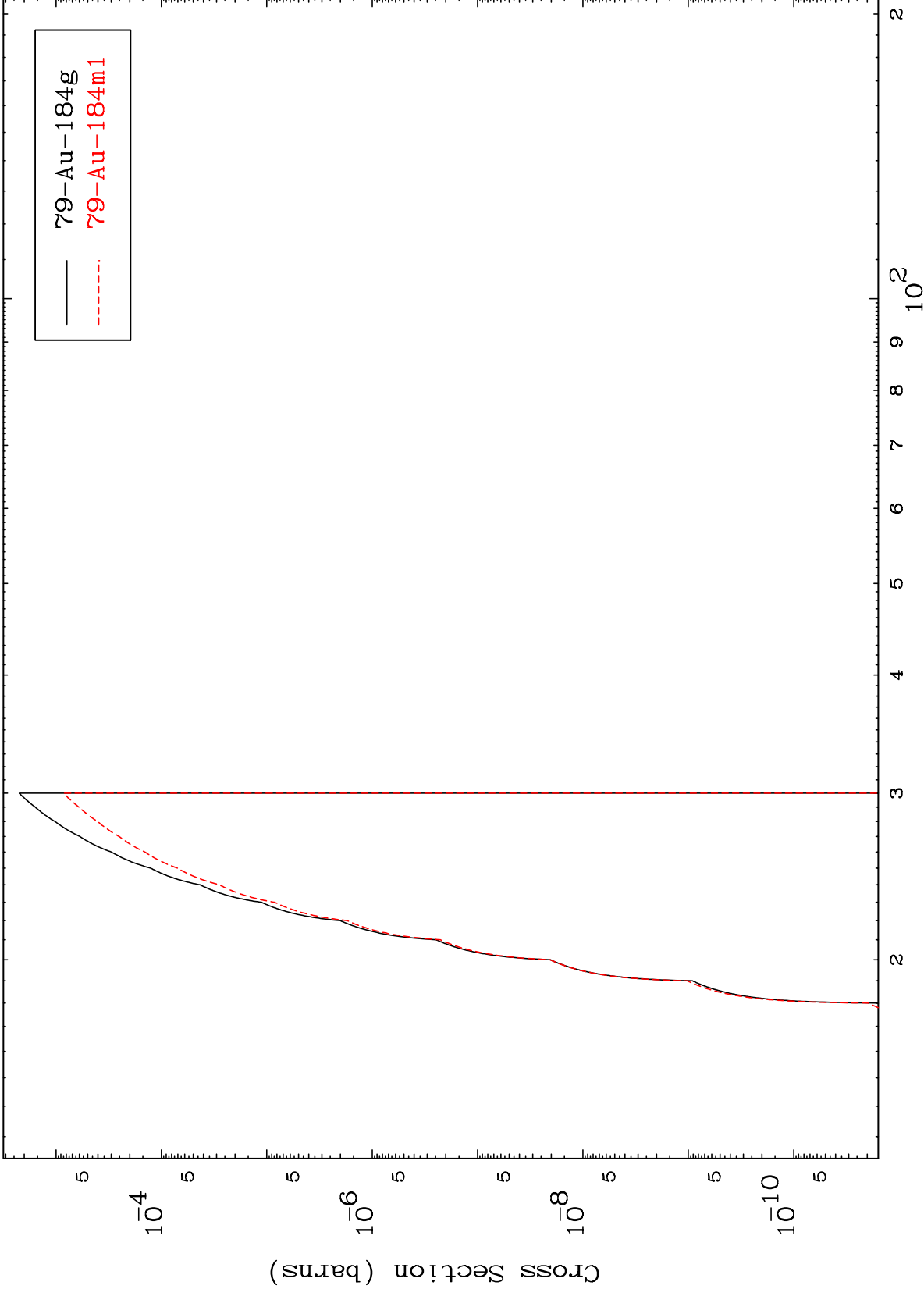
80-Hg-187

Radionuclide Production Cross Section





Radionuclide Production Cross Section

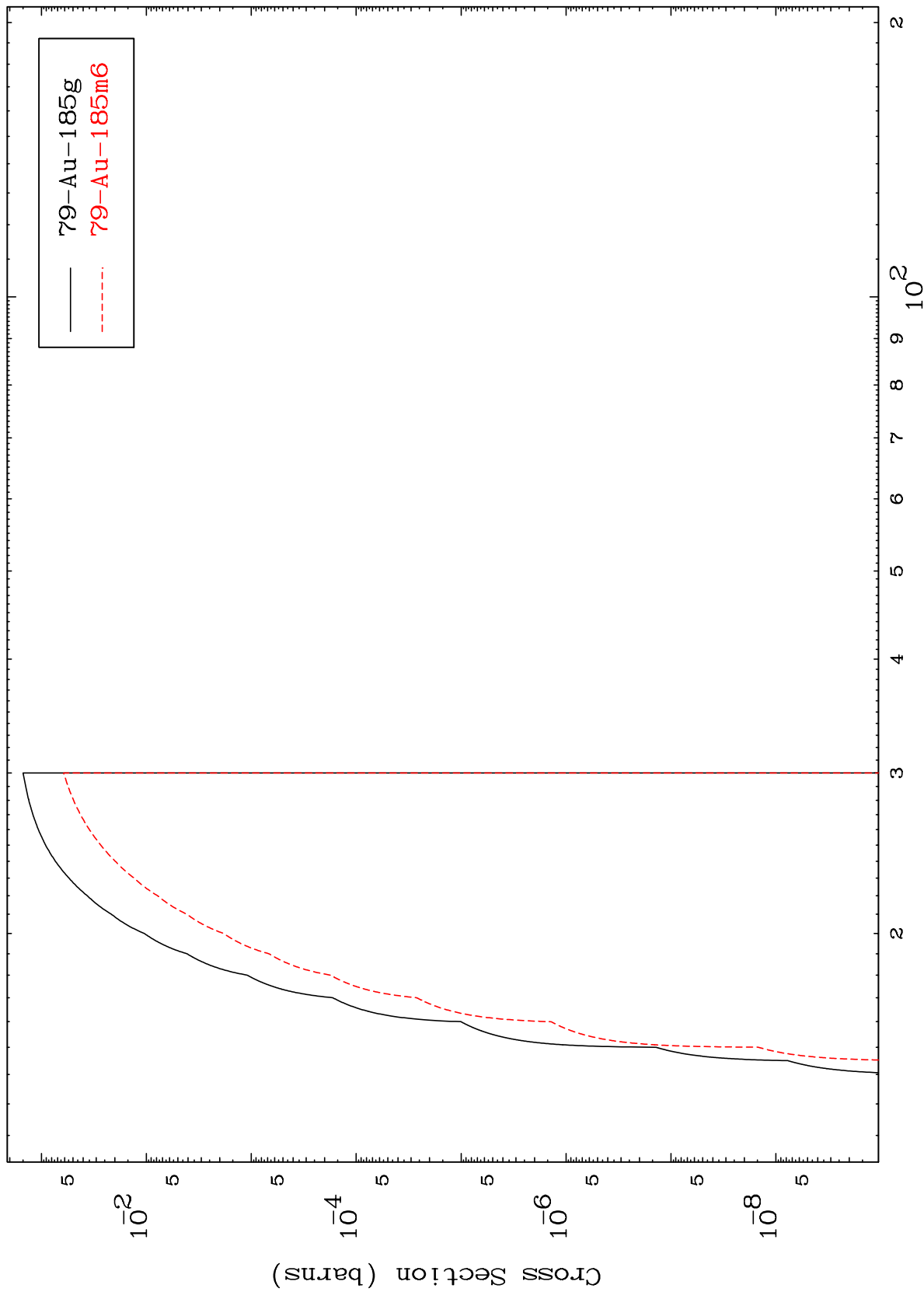


MAT 7998

80-Hg-187

(n,2n) p

Radionuclide Production Cross Section



79-Au-185g
79-Au-185m6

119

Incident Energy (MeV)

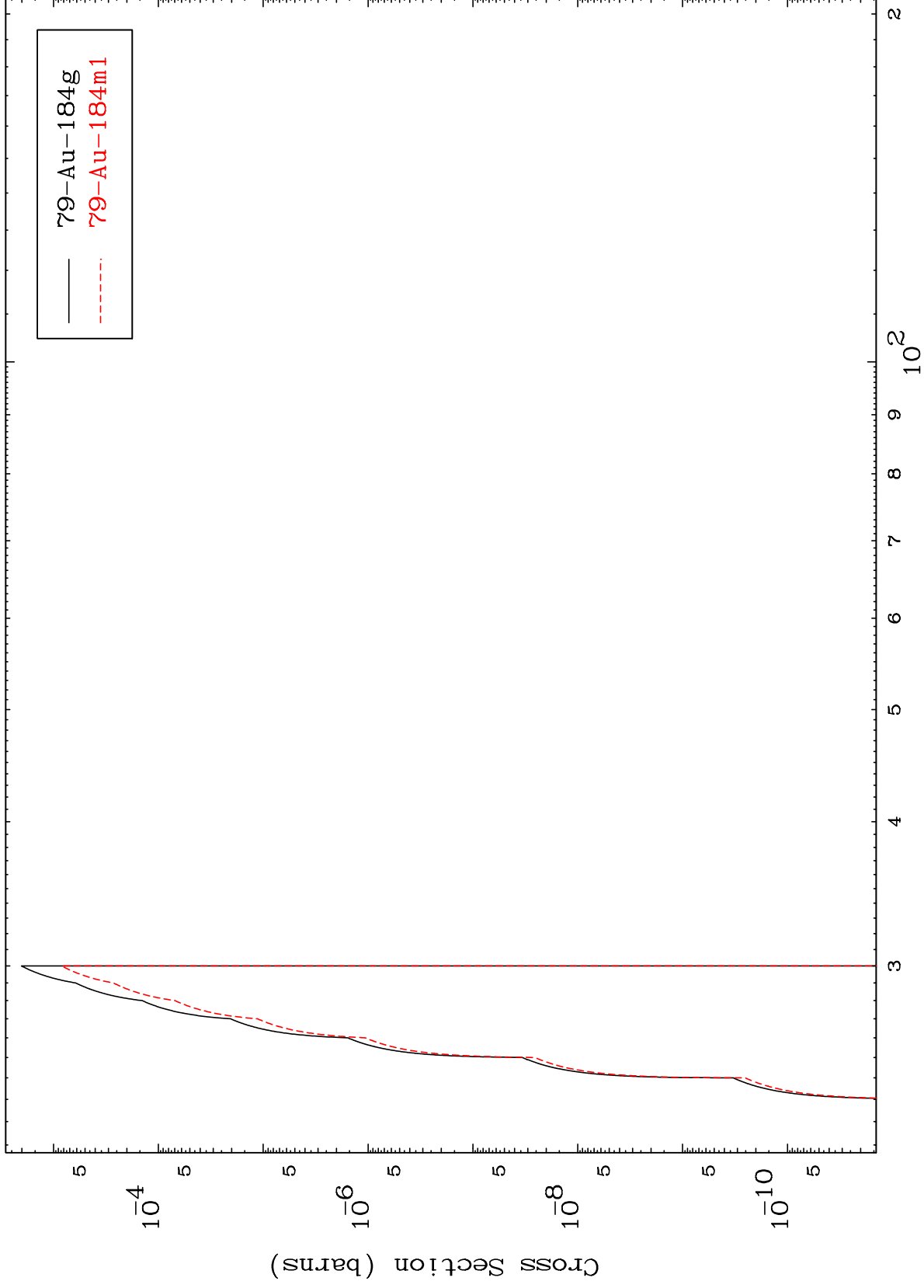
80-Hg-187

MAT 7998

(n,3n) p

80-Hg-187

Radionuclide Production Cross Section



120

Incident Energy (MeV)

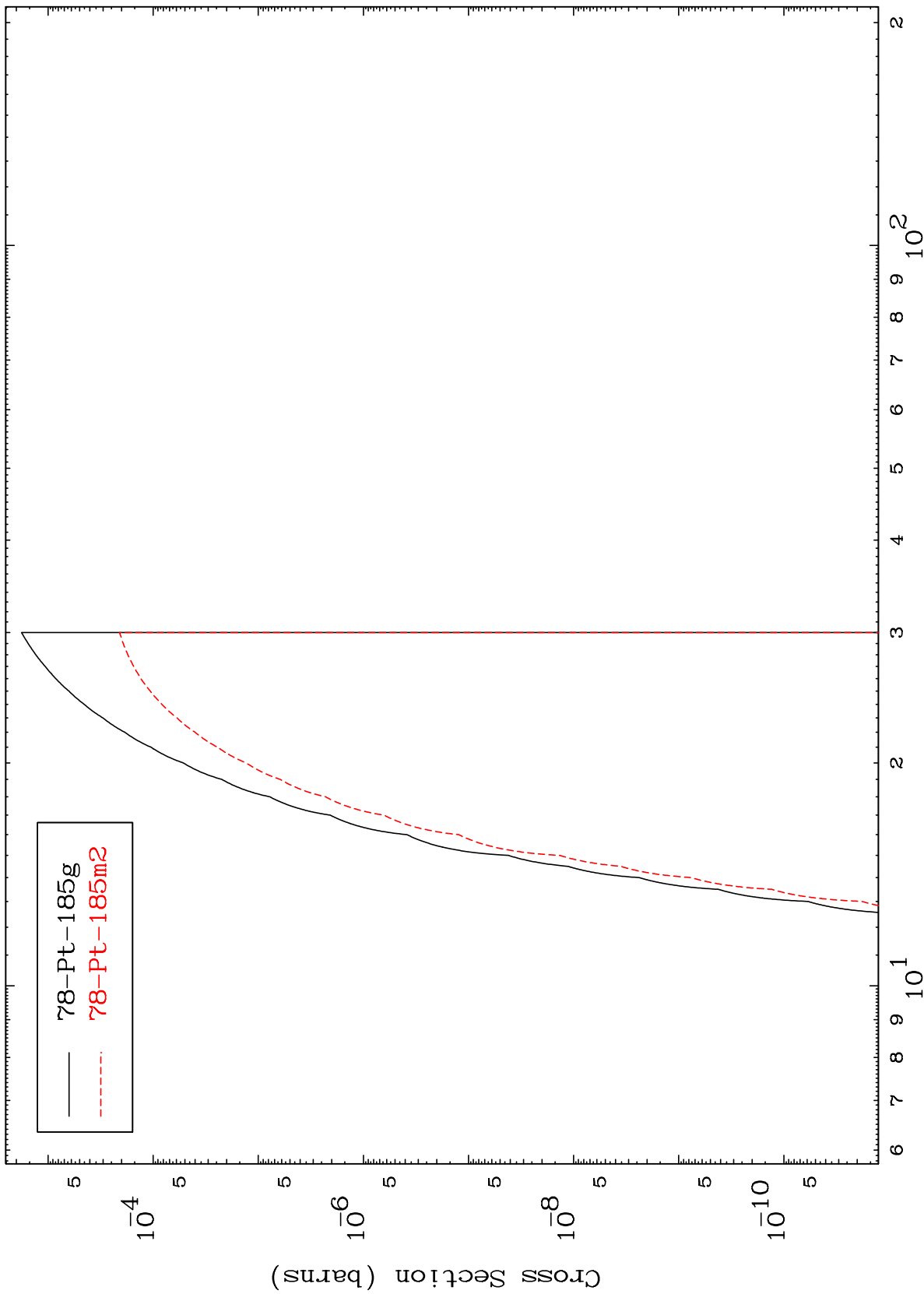
80-Hg-187

MAT 7998

(n,2n) p

80-Hg-187

Radionuclide Production Cross Section



121

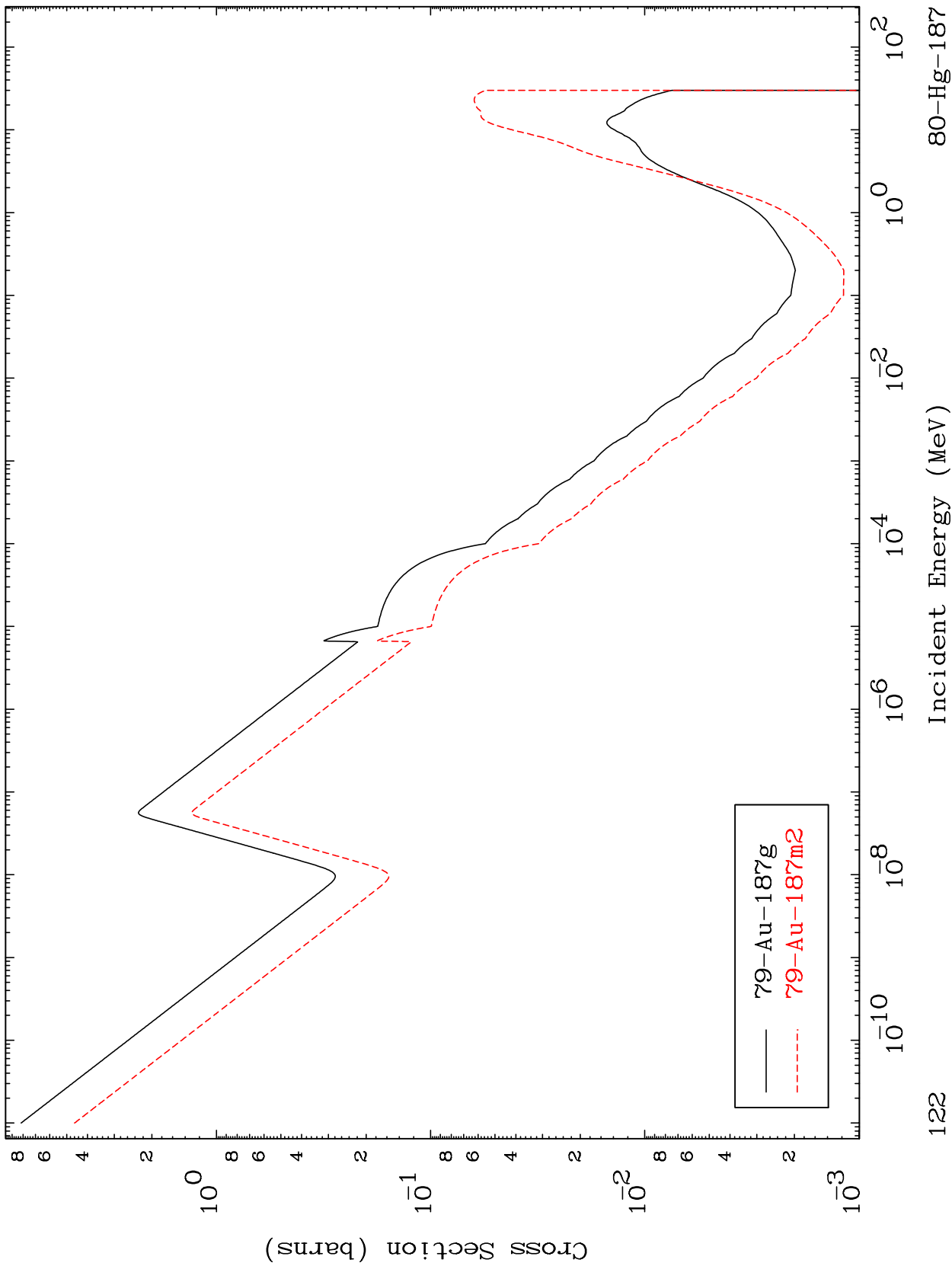
Incident Energy (MeV)

80-Hg-187

MAT 7998

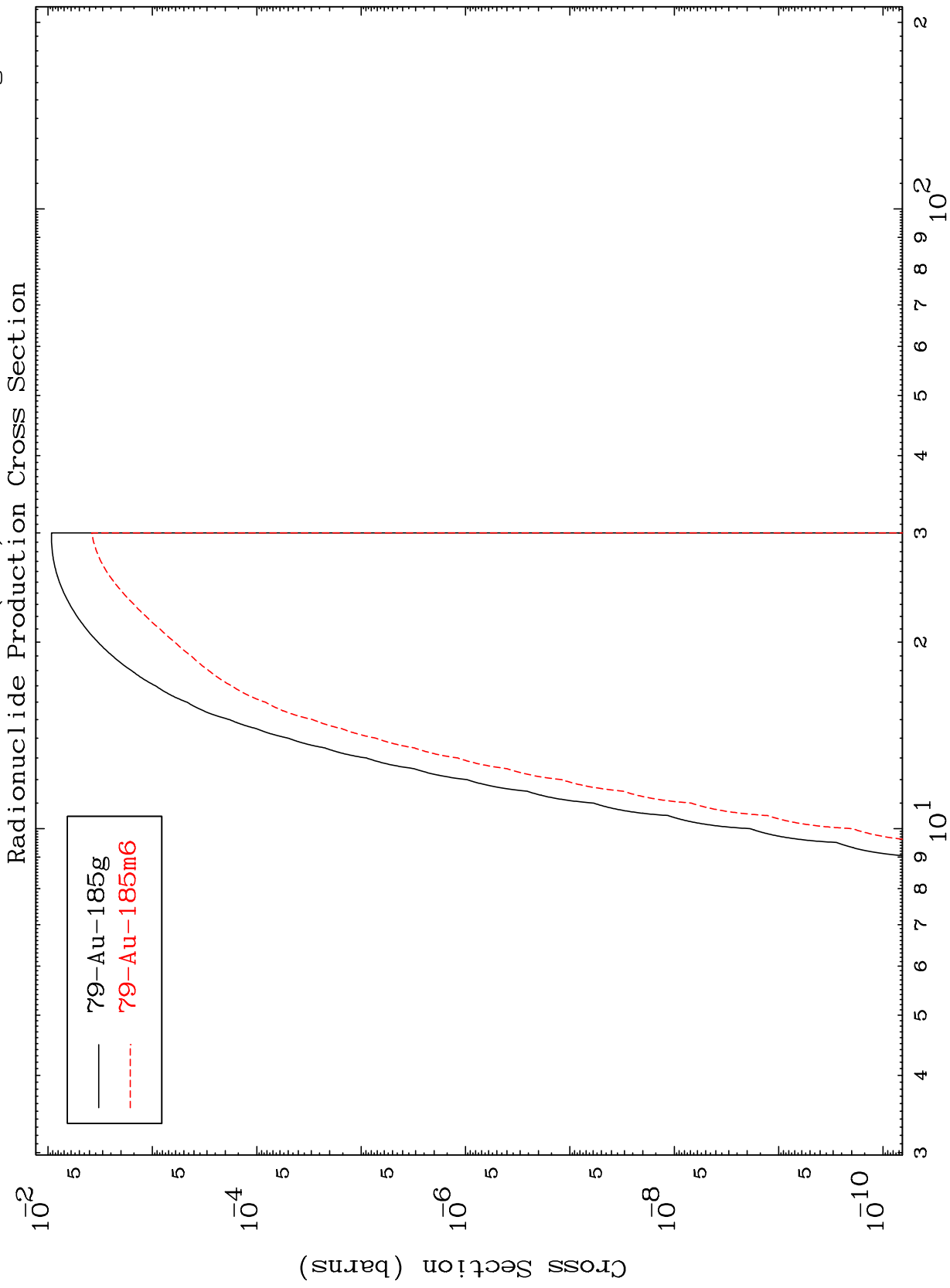
80-Hg-187

(n,p)
Radionuclide Production Cross Section



MAT 7998

80-Hg-187



123

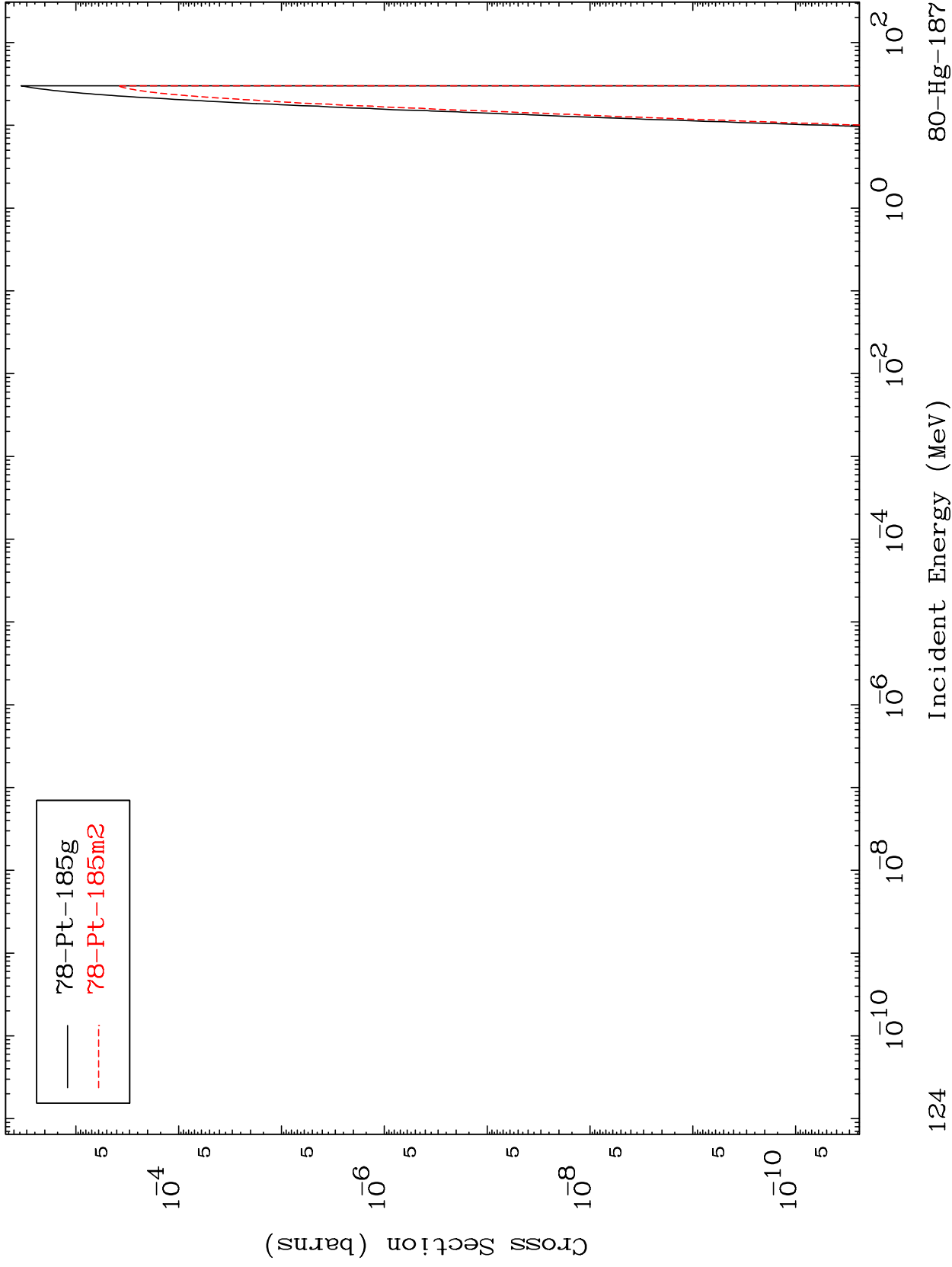
80-Hg-187

MAT 7998

(n,He-3)

80-Hg-187

Radionuclide Production Cross Section

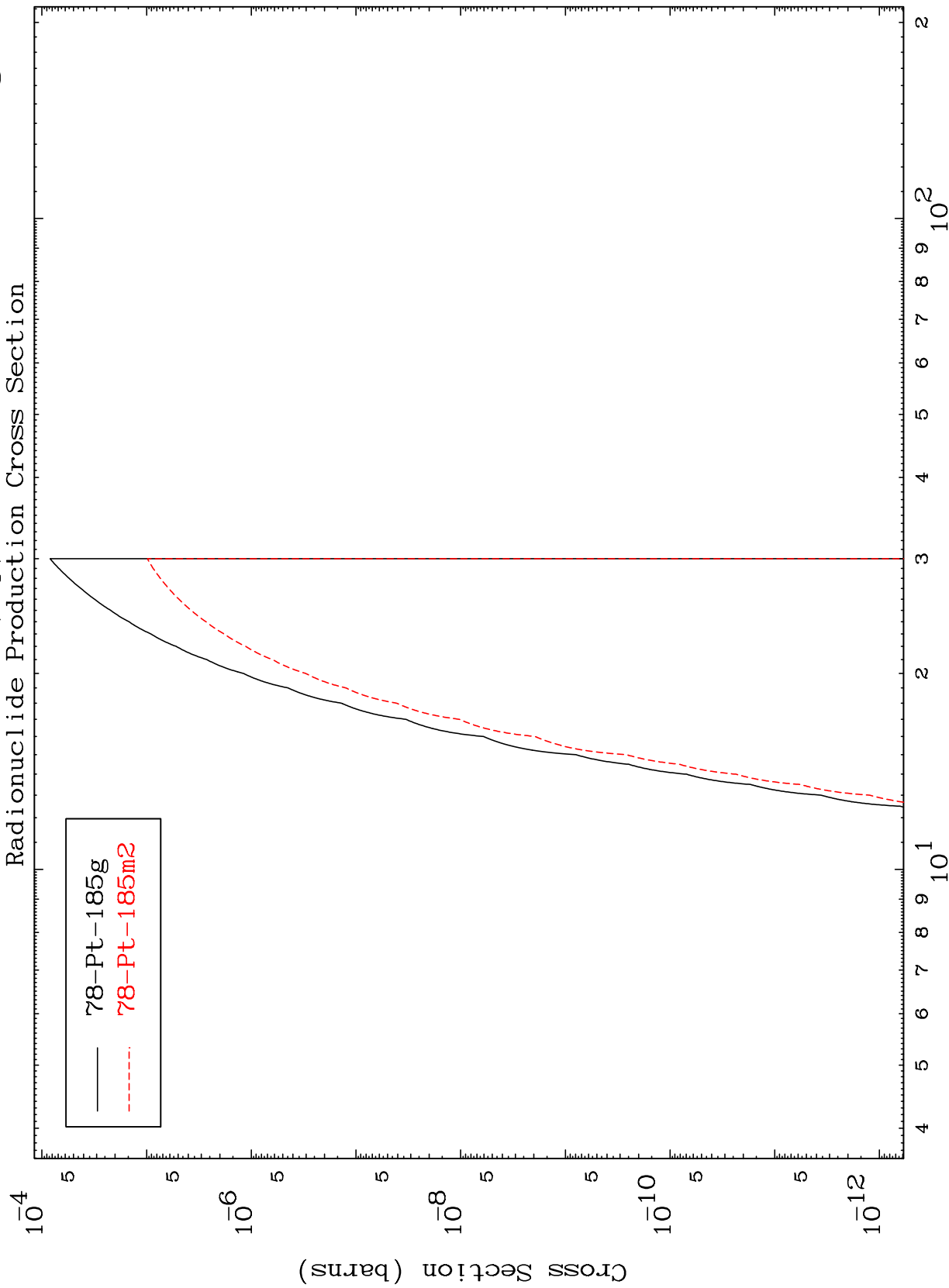


MAT 7998

(n,p) d

80-Hg-187

Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

125

Incident Energy (MeV)

80-Hg-187