

Program EVALPLOT
(Version 2021-1)

by

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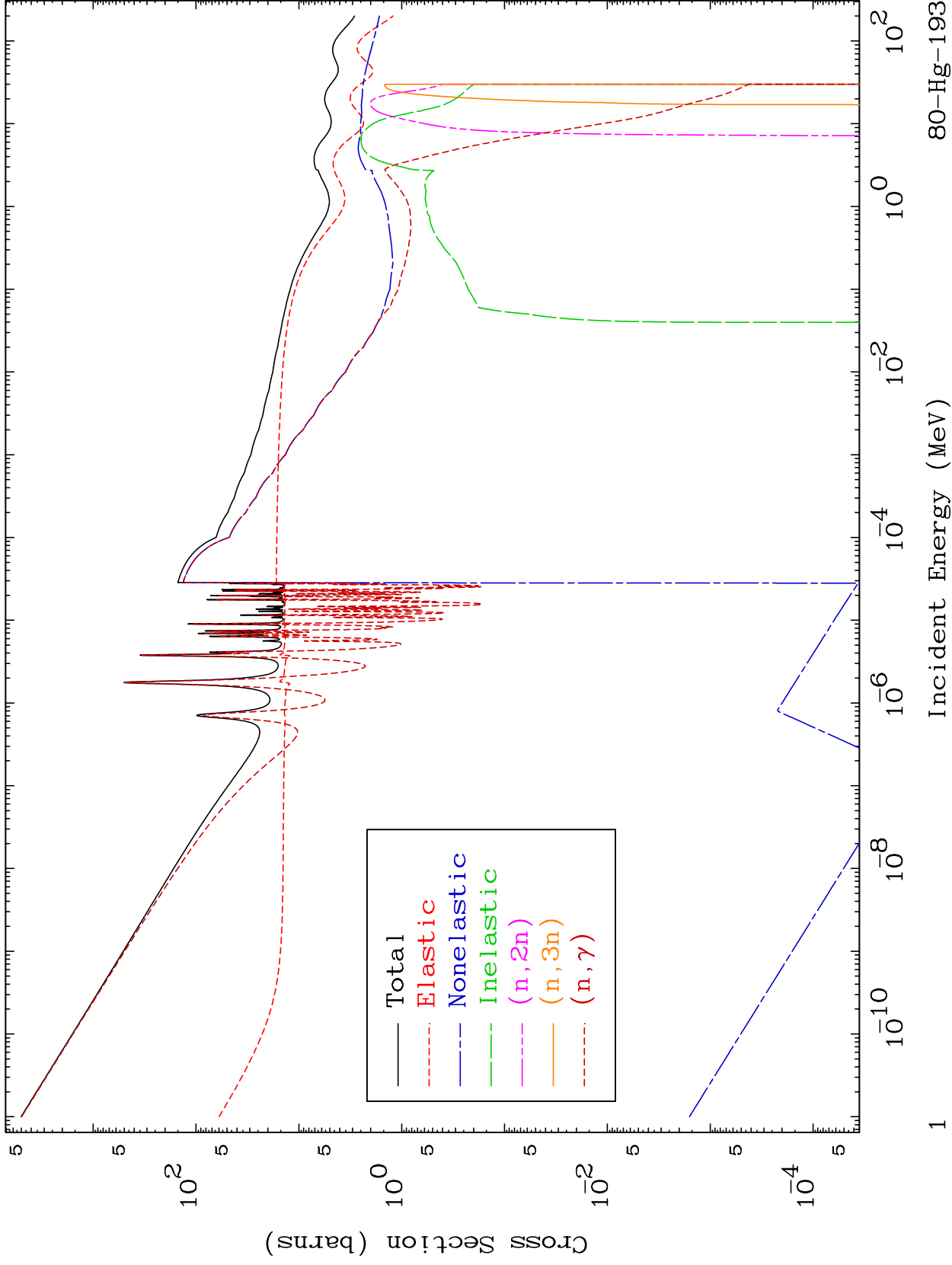
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8016

Neutron Major
293 Kelvin Cross Sections

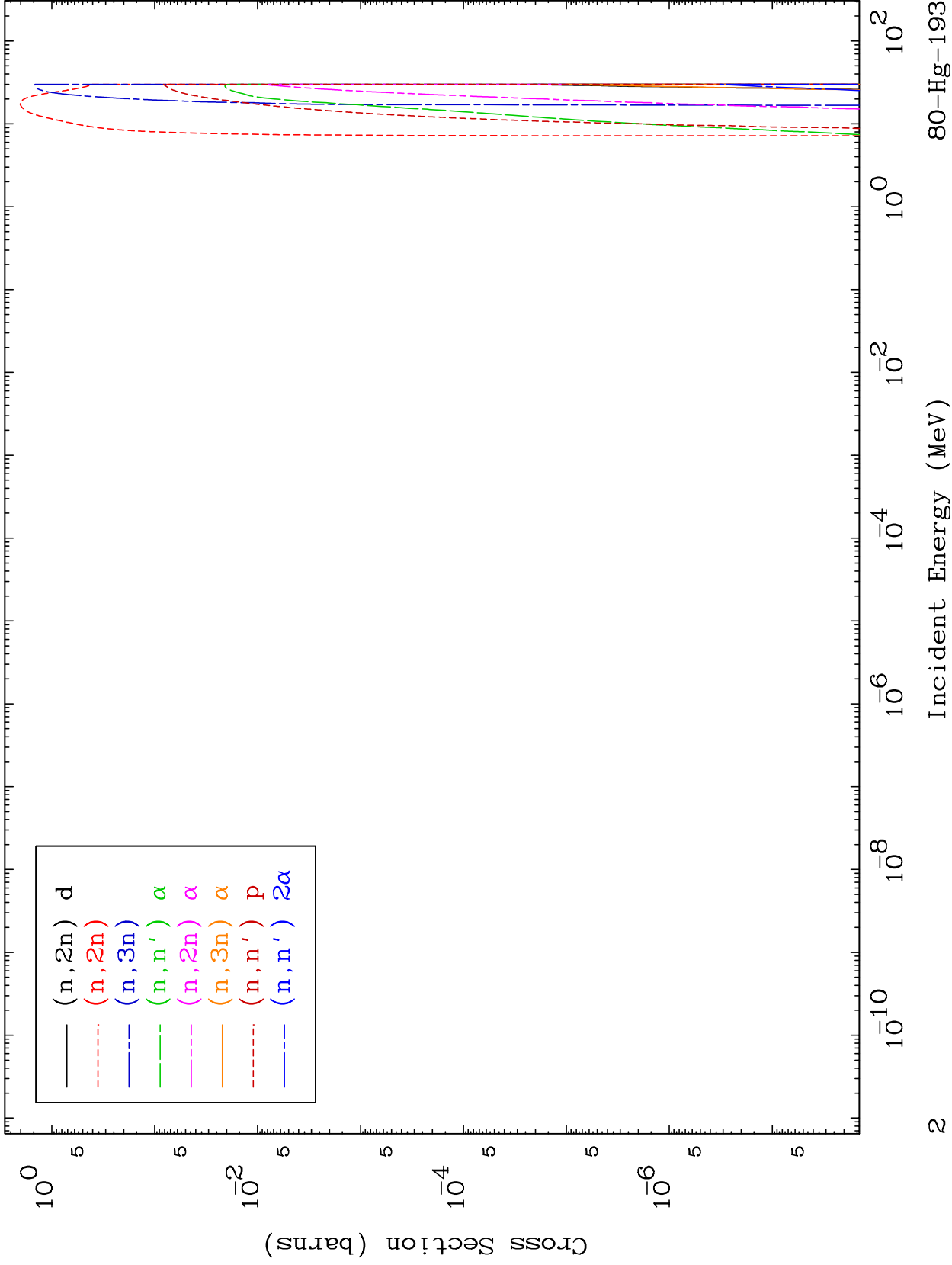
80-Hg-193



MAT 8016

Neutron Absorption
293 Kelvin Cross Sections

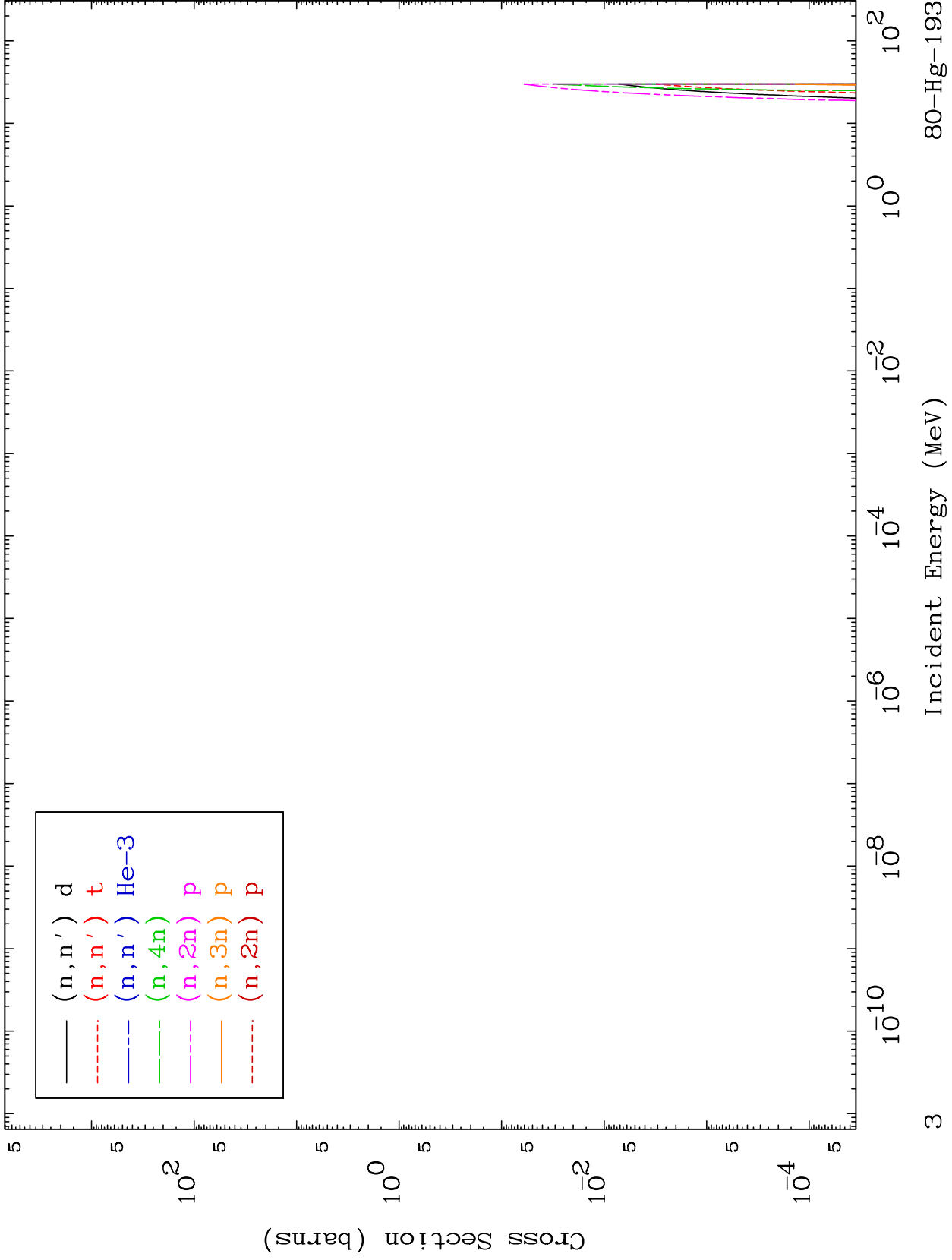
80-Hg-193



MAT 8016

Neutron Absorption
293 Kelvin Cross Sections

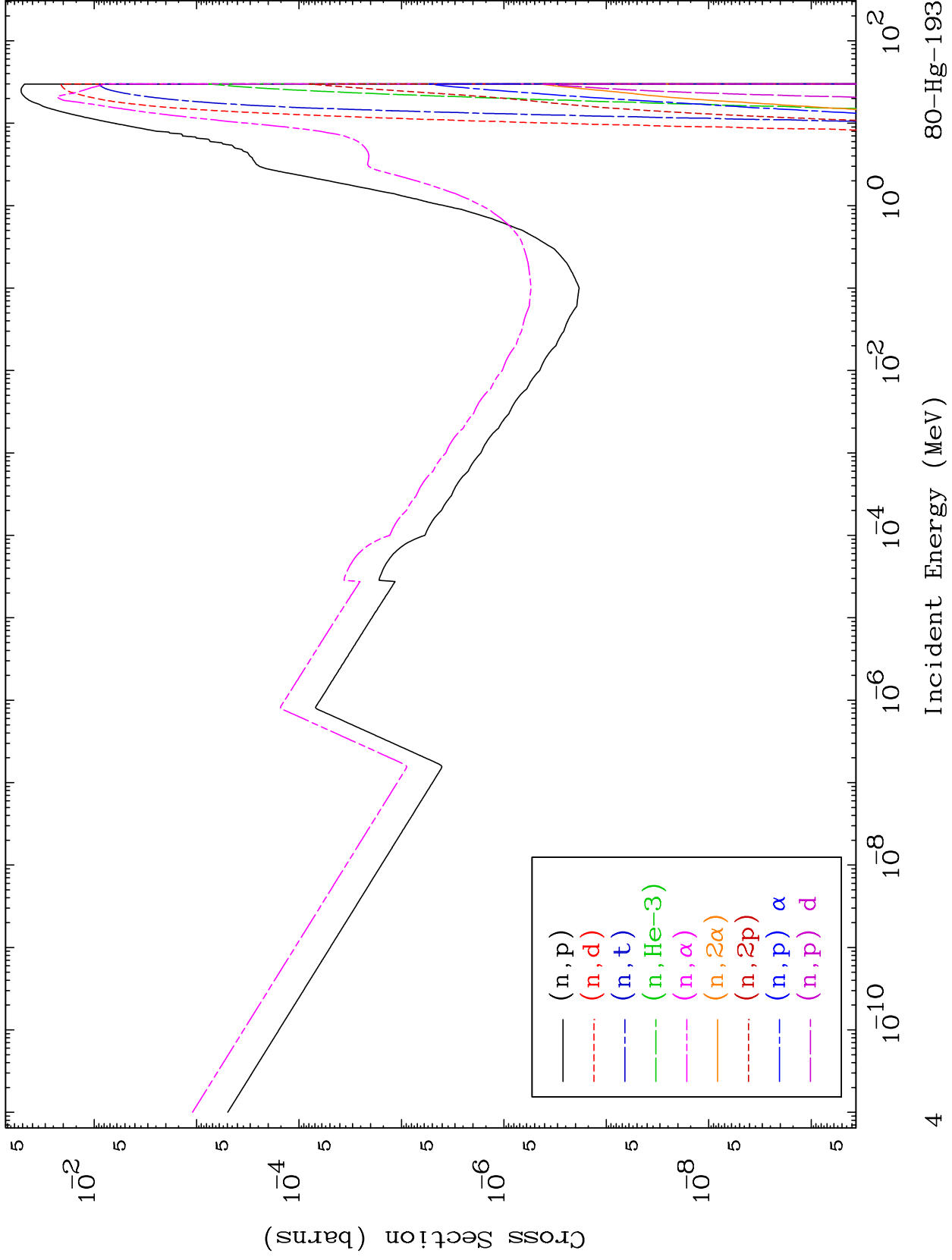
80-Hg-193

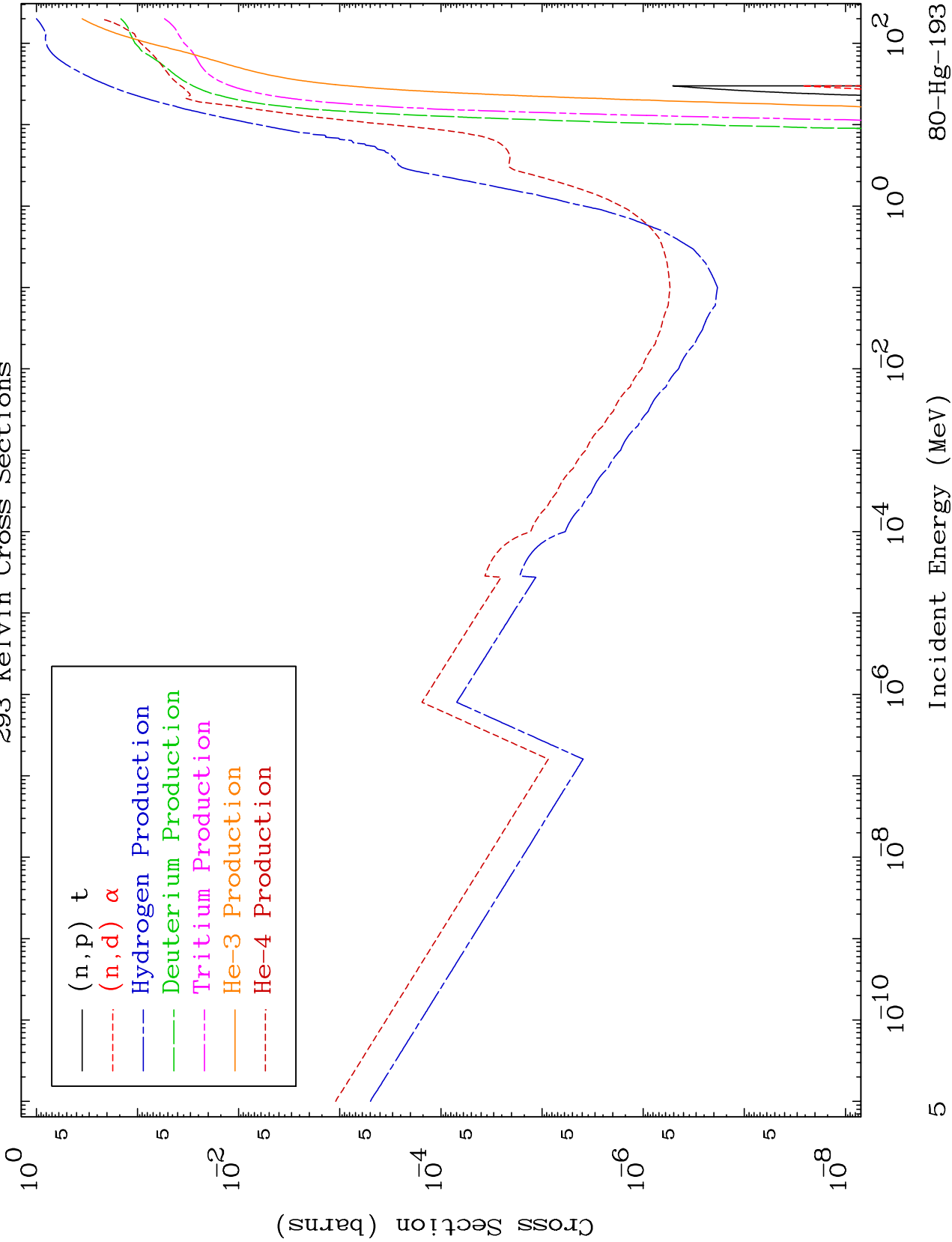


MAT 8016

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-193

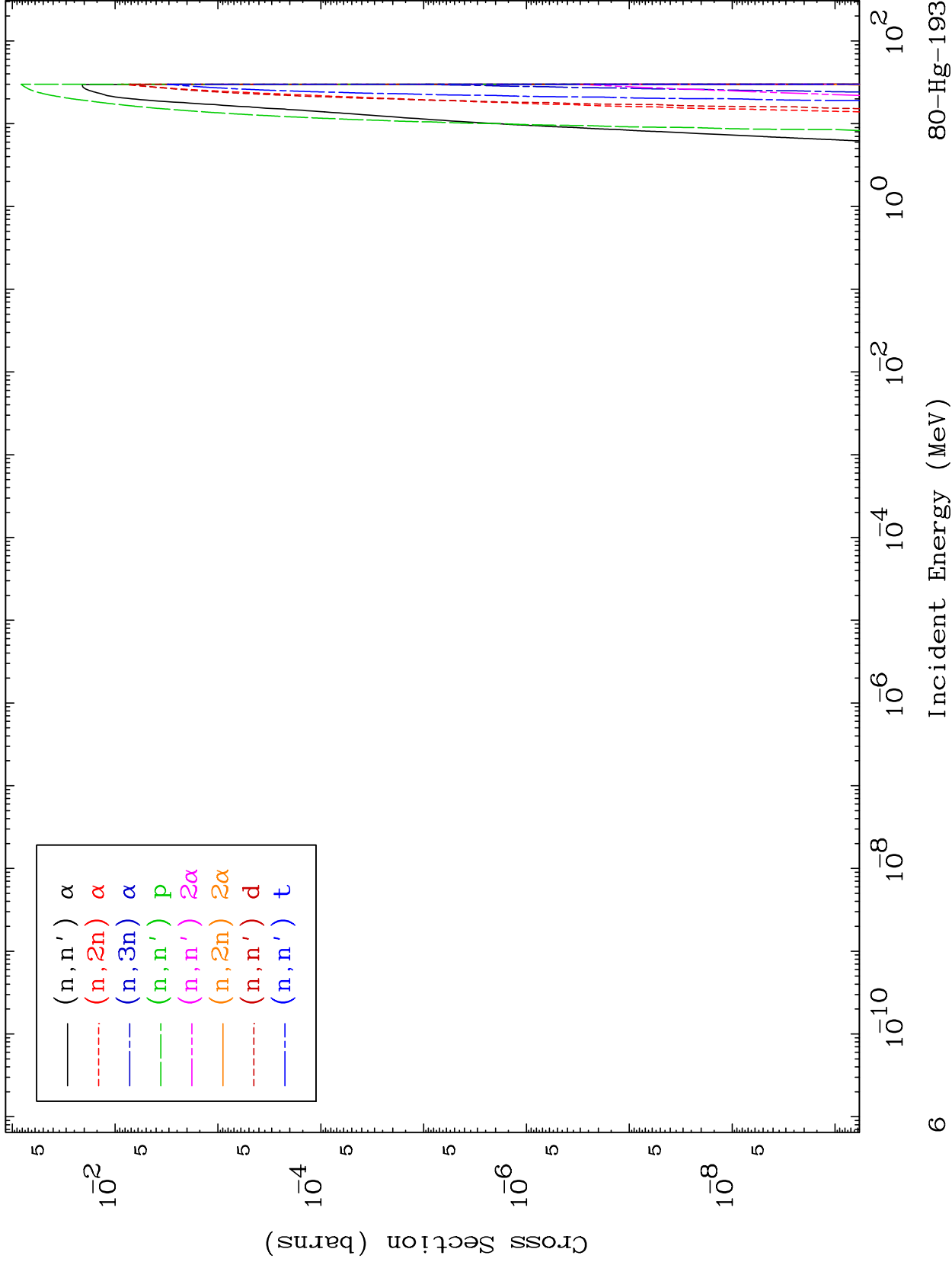




MAT 8016

Charged Particle
293 Kelvin Cross Sections

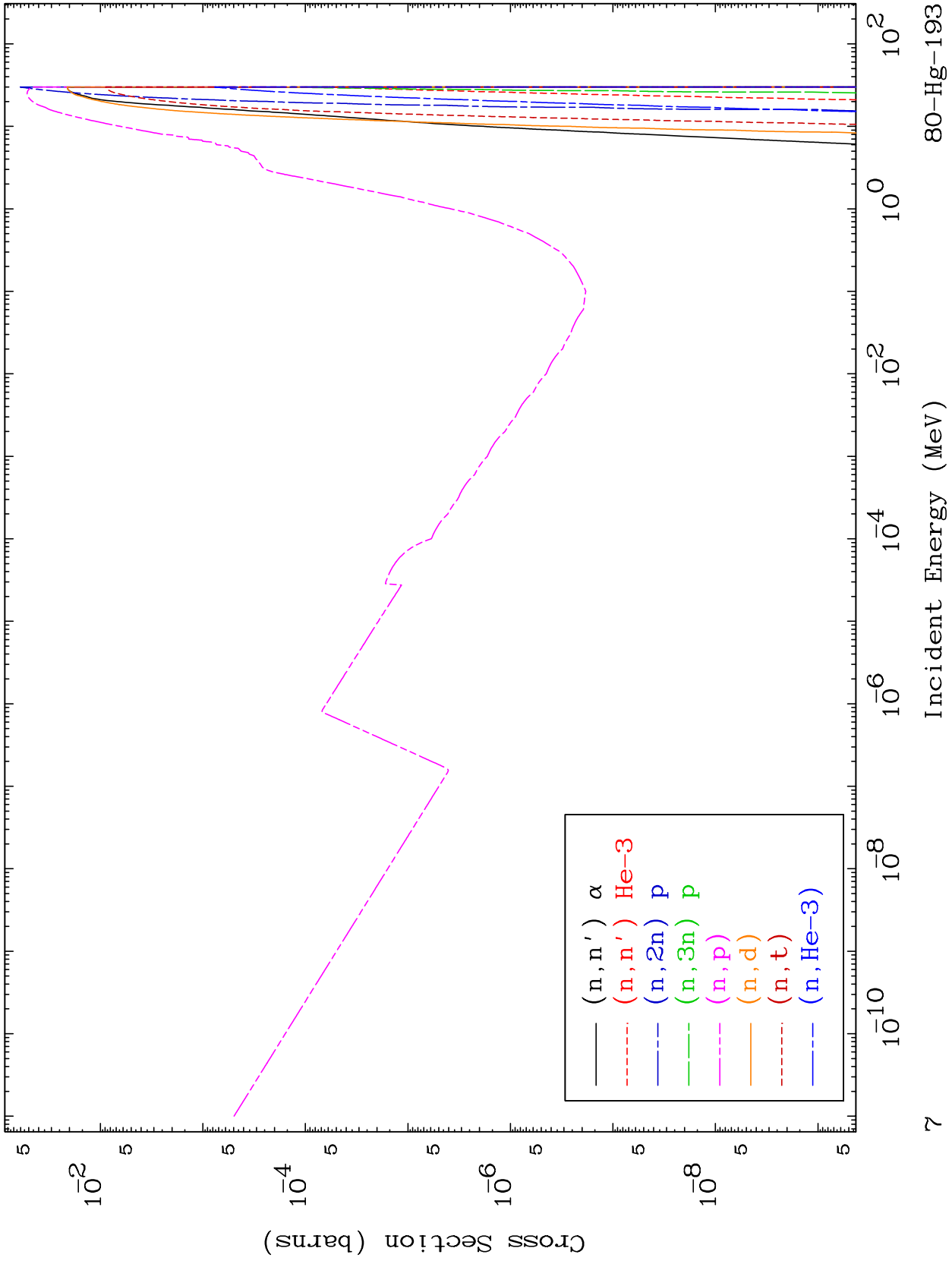
80-Hg-193



MAT 8016

Charged Particle
293 Kelvin Cross Sections

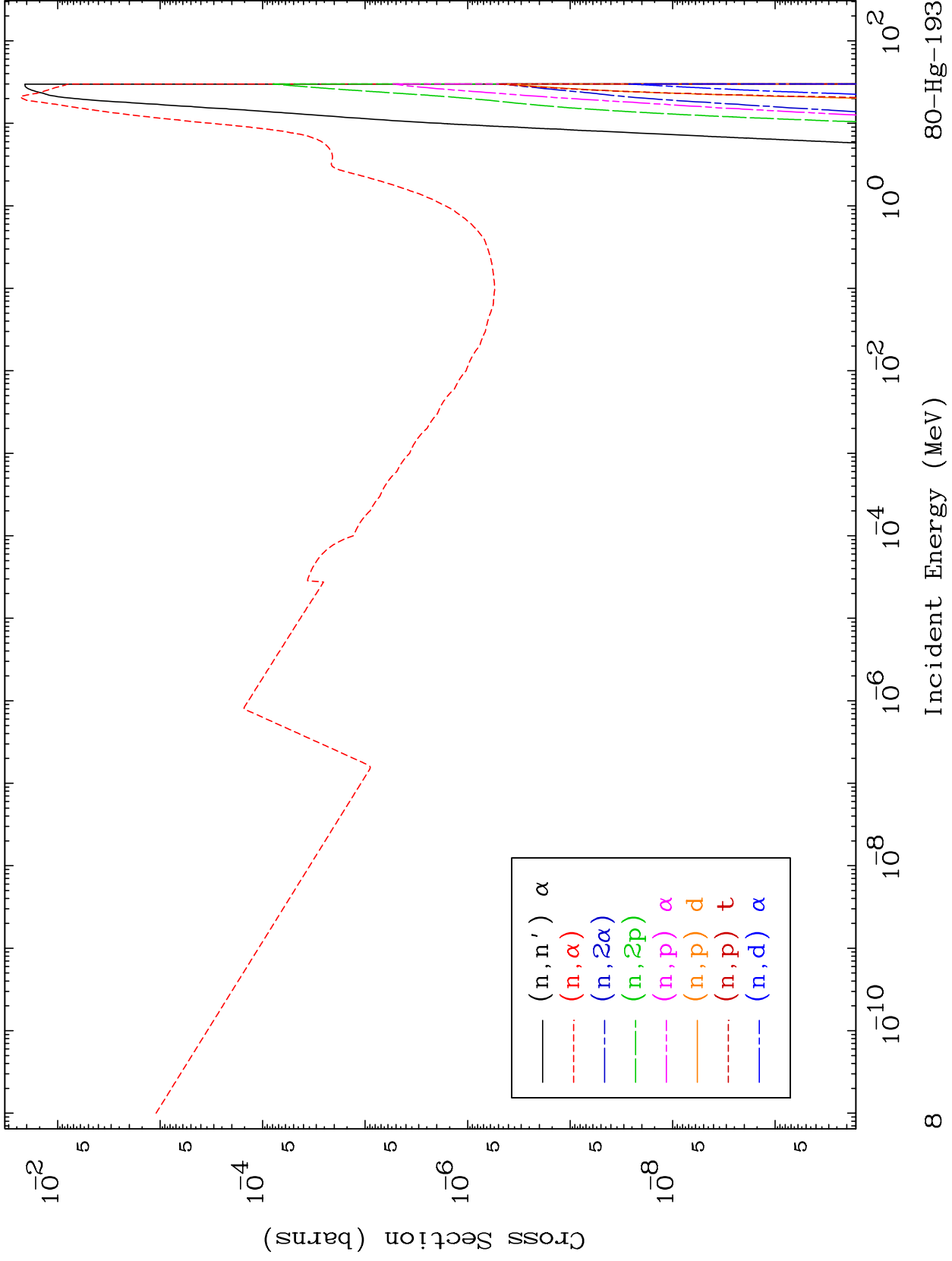
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MAT 8016

Charged Particle
293 Kelvin Cross Sections

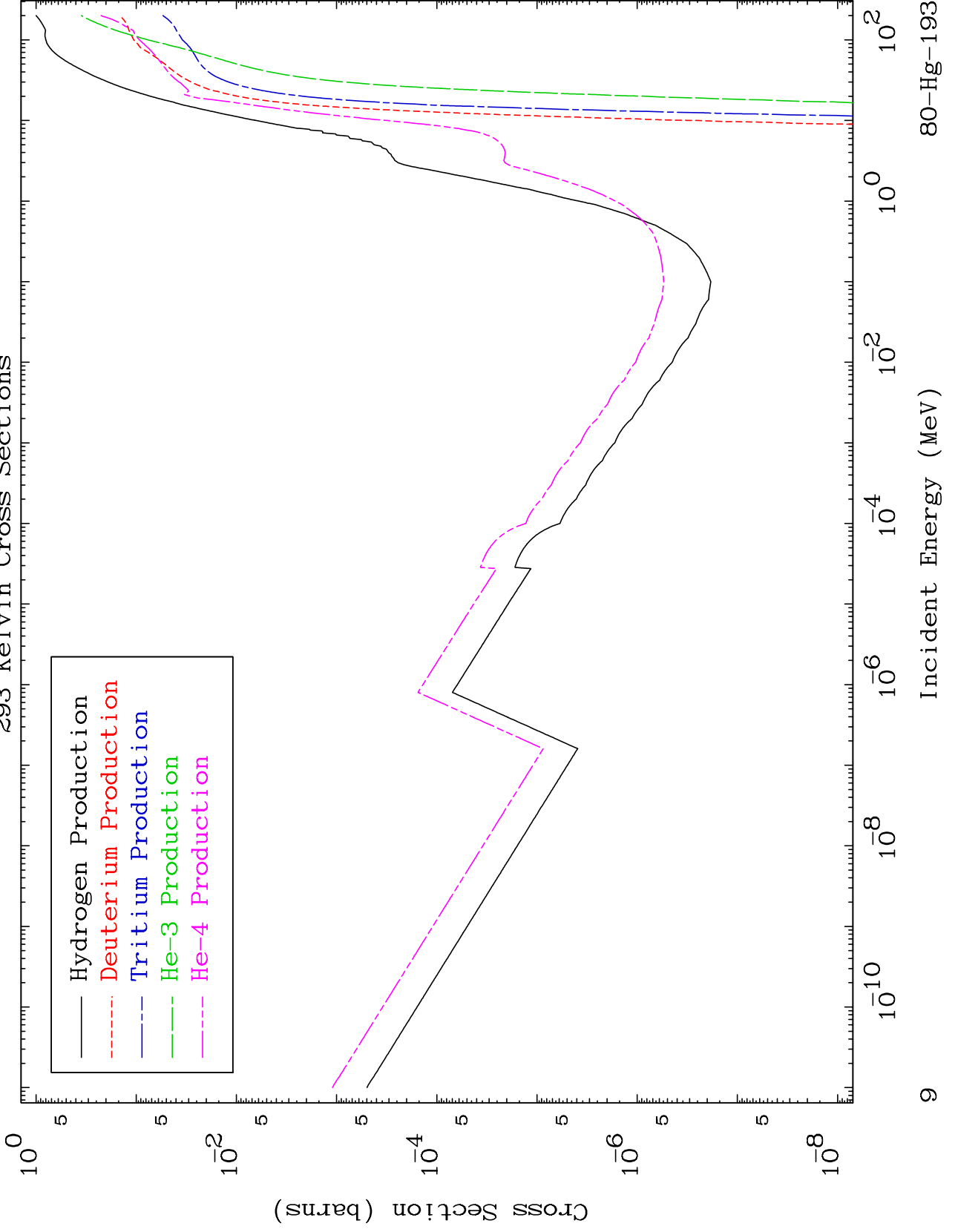
80-Hg-193



MAT 8016

Particle Production
293 Kelvin Cross Sections

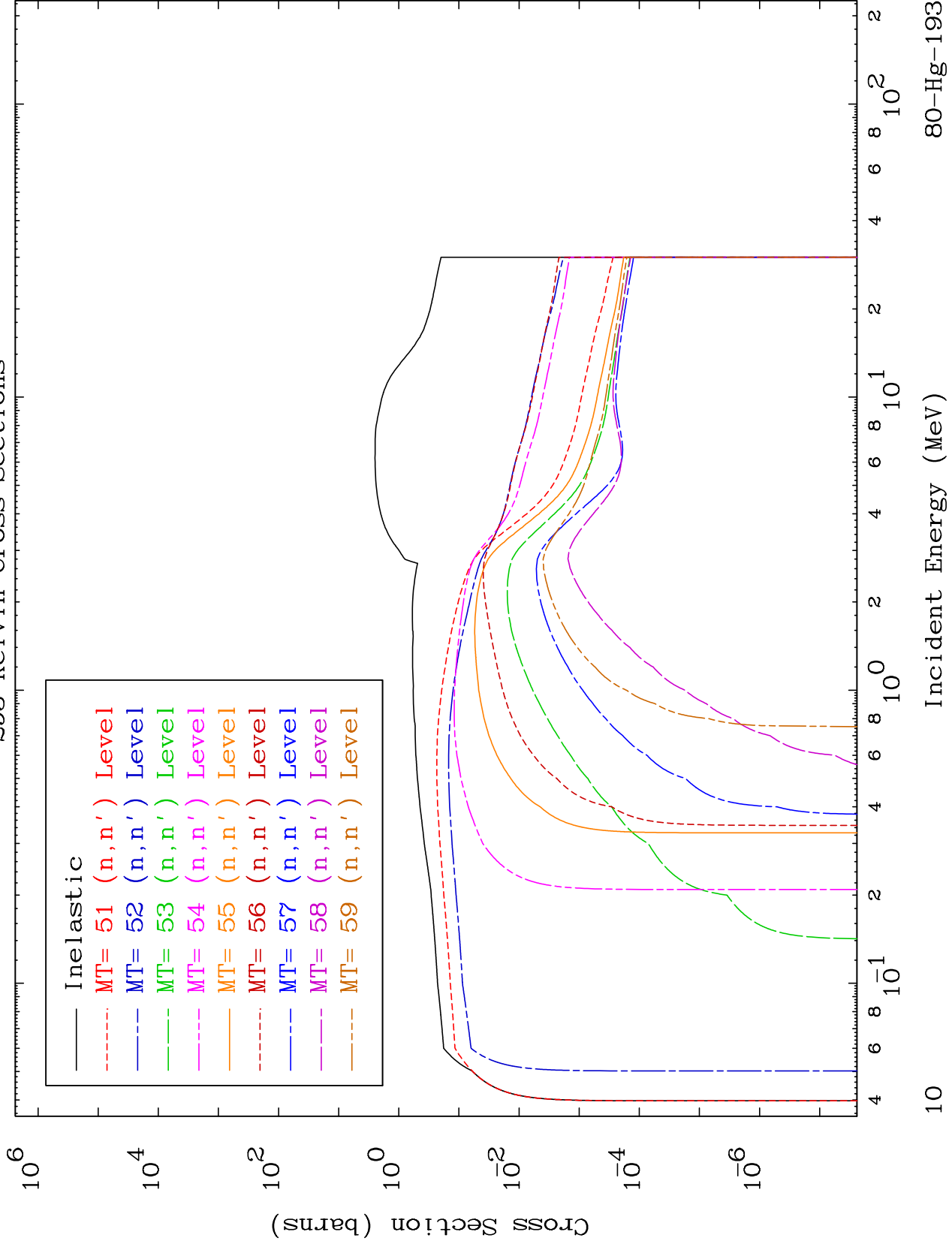
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MAT 8016

(n,n') Levels
293 Kelvin Cross Sections

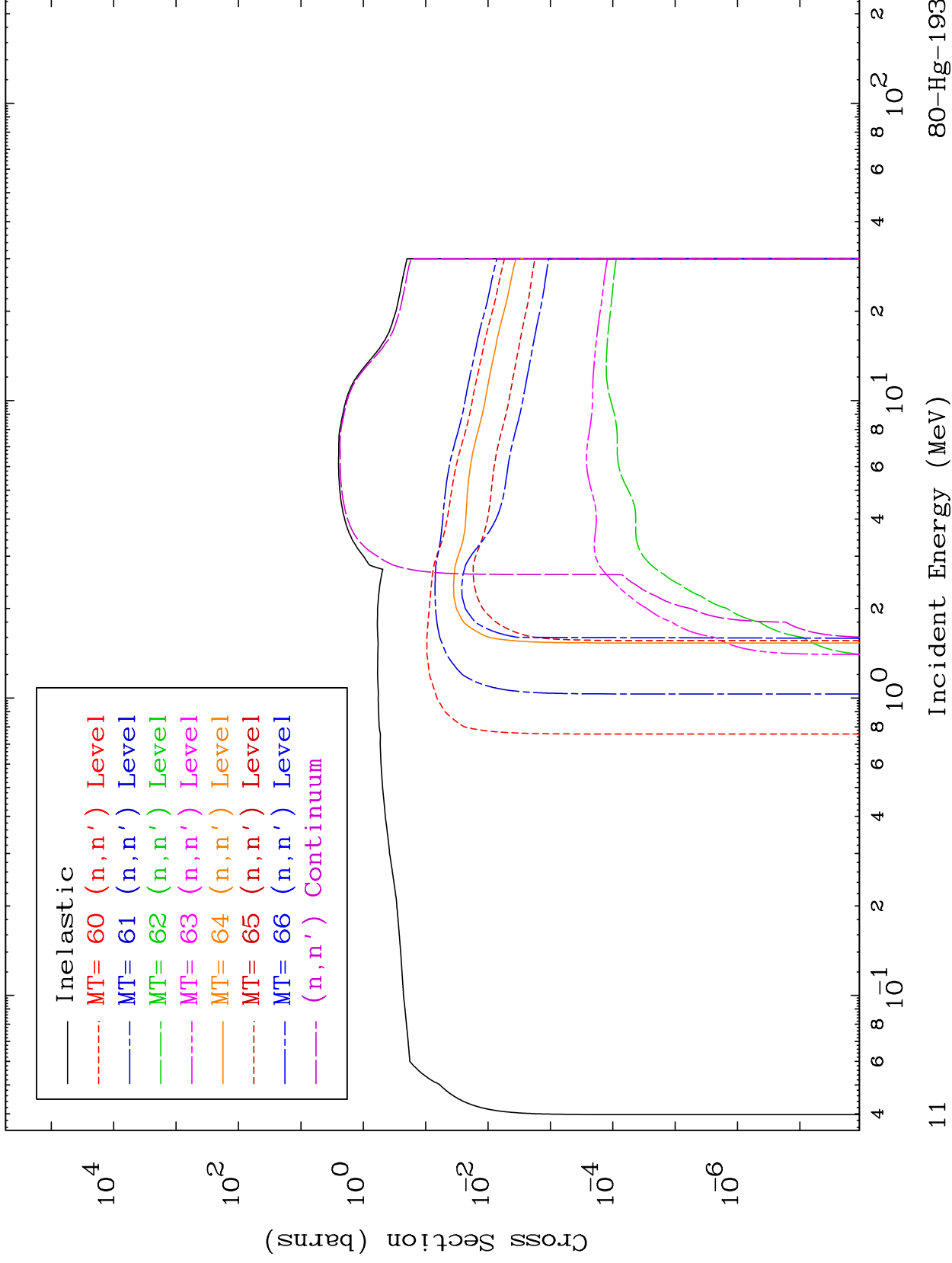
80-Hg-193



MAT 8016

(n,n') Levels
293 Kelvin Cross Sections

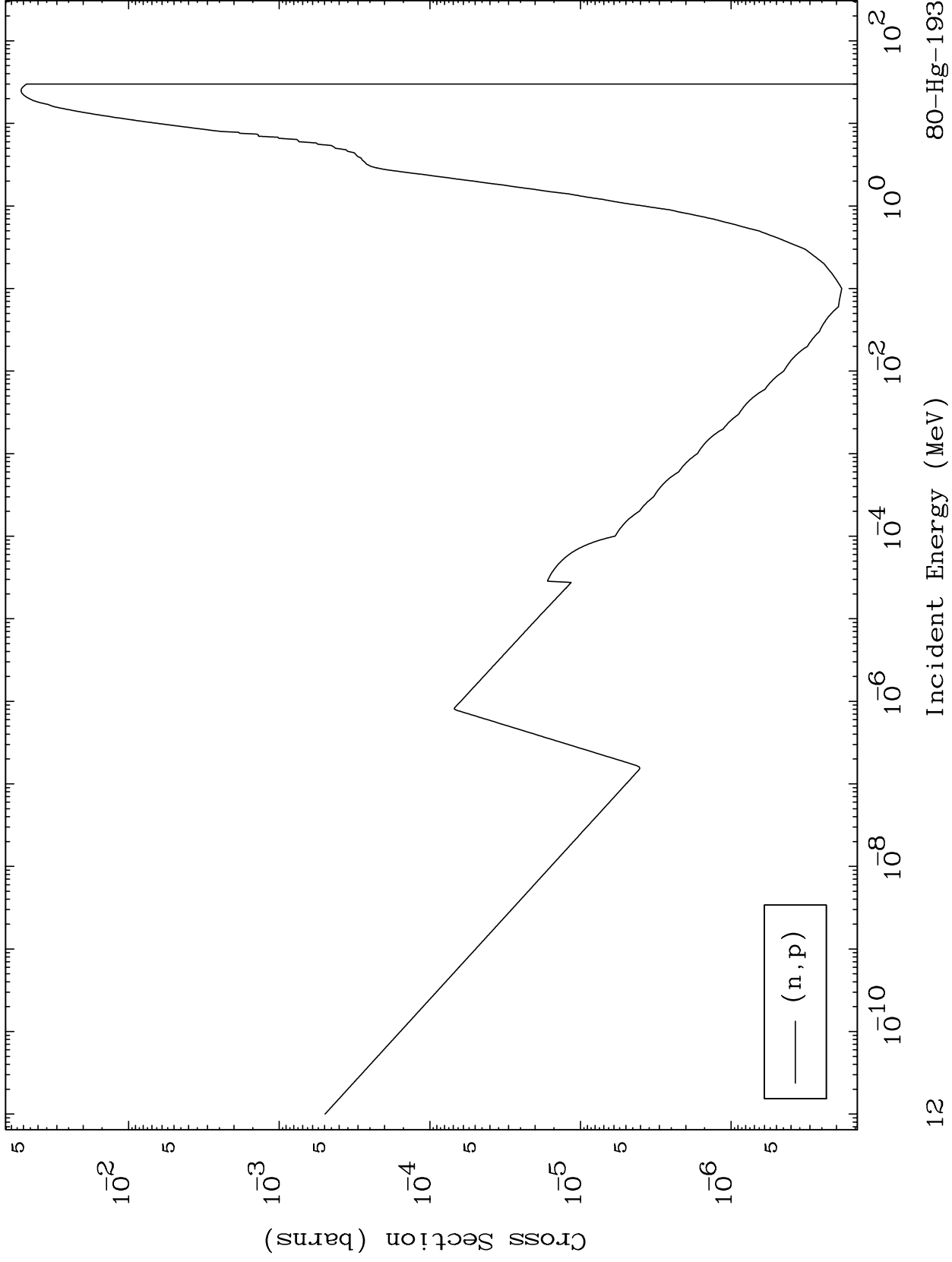
80-Hg-193



MAT 8016

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-193

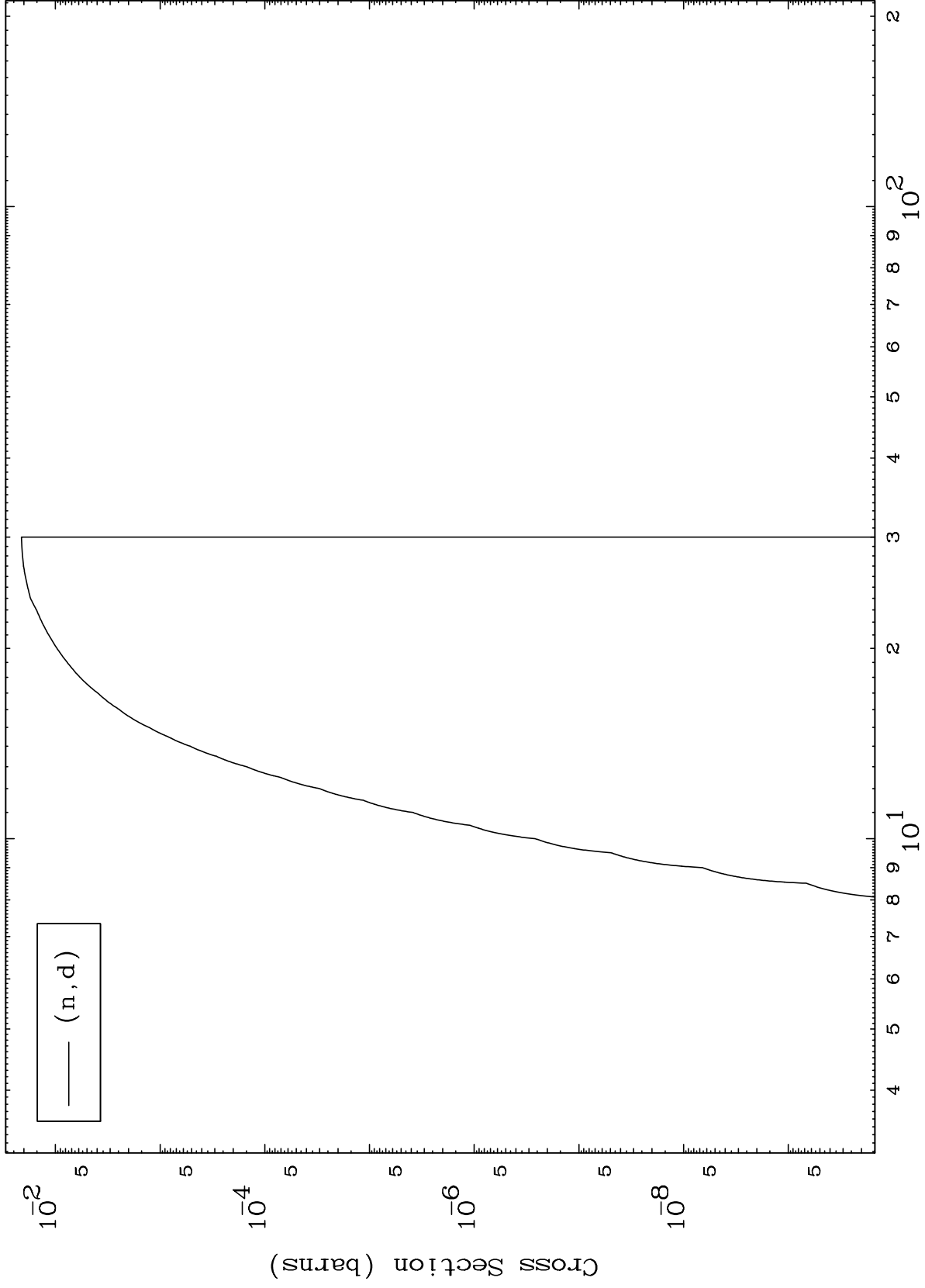


12

MAT 8016

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-193



13

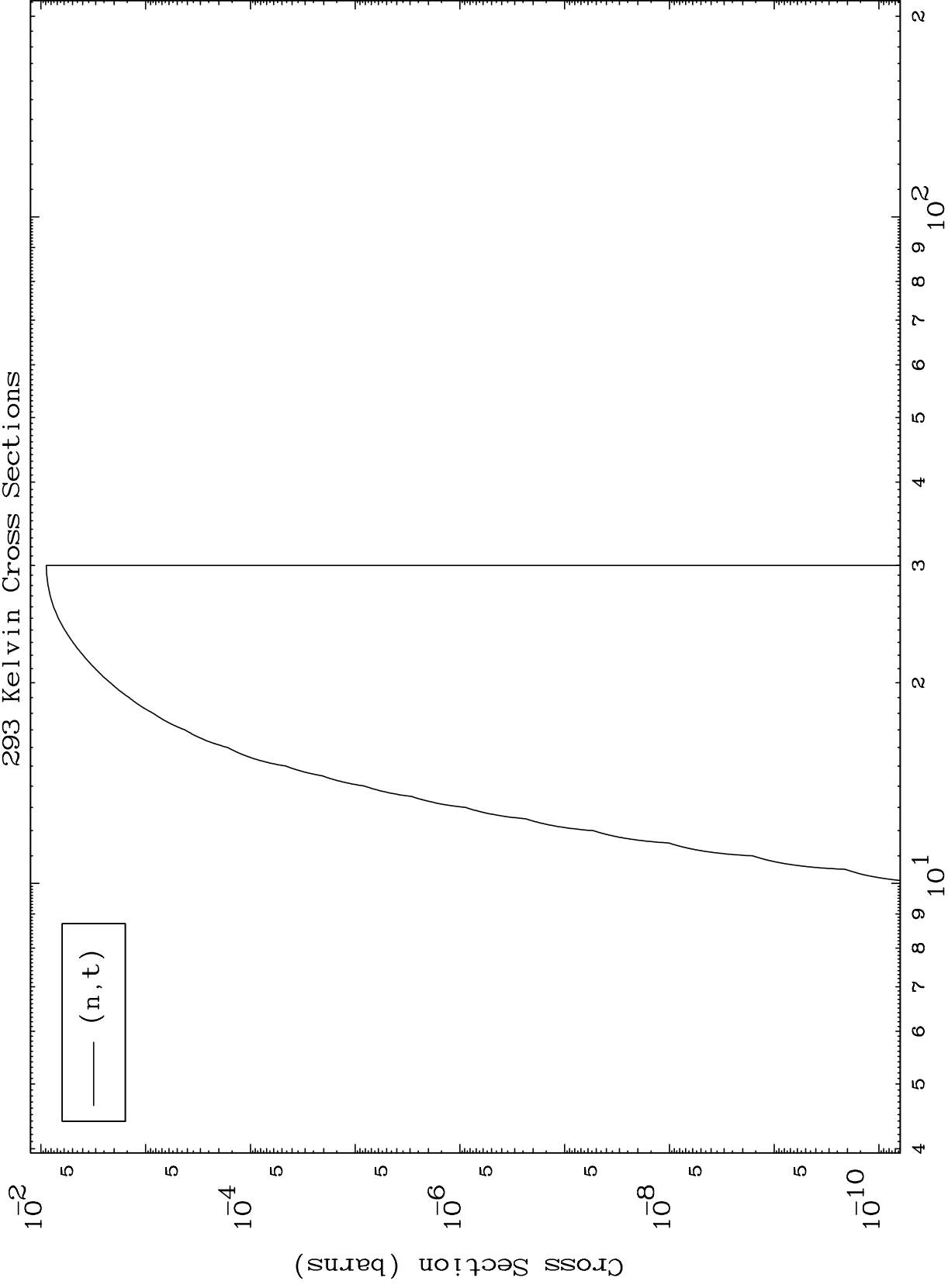
Incident Energy (MeV)

80-Hg-193

MAT 8016

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-193



14

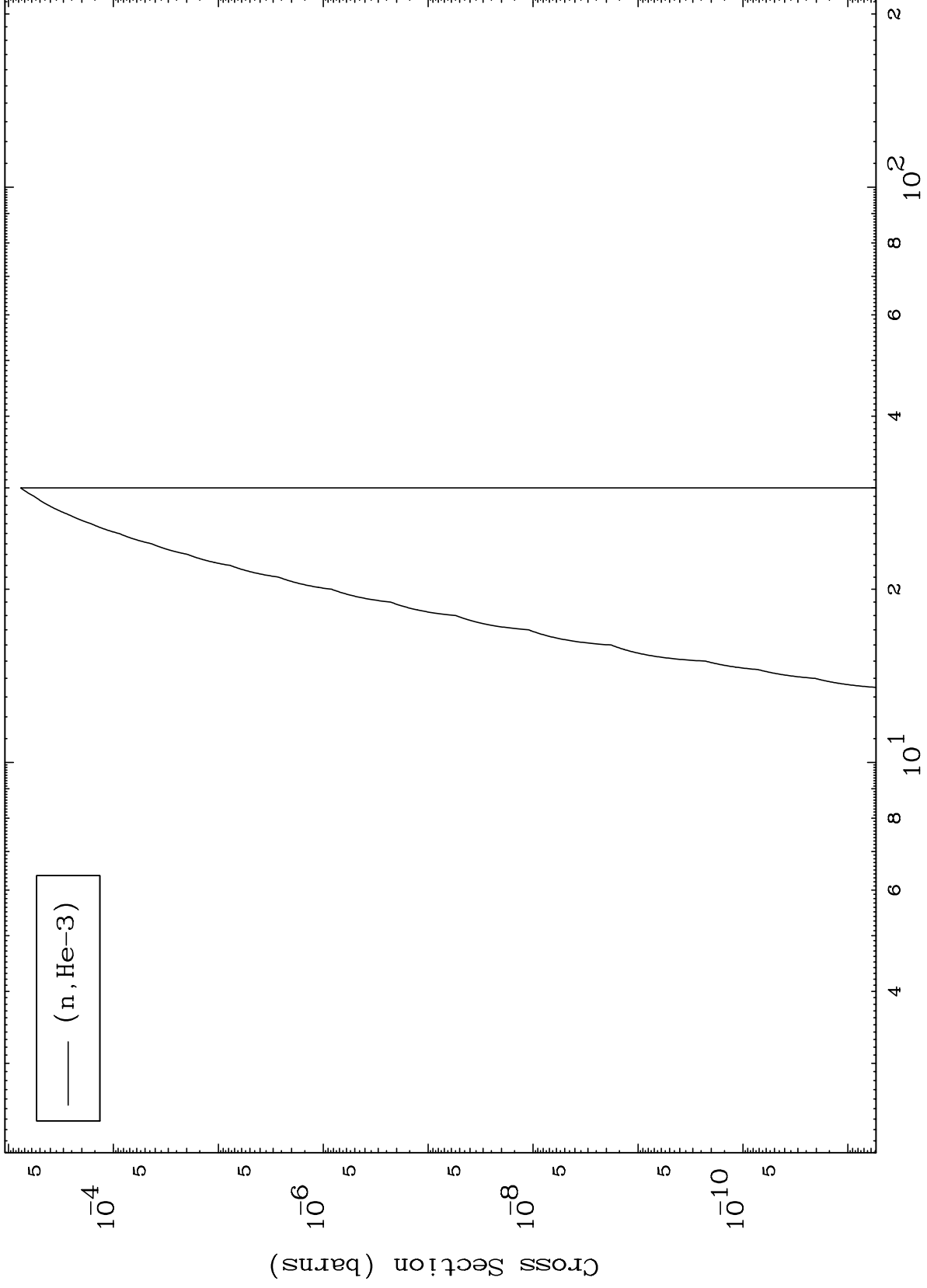
Incident Energy (MeV)

80-Hg-193

MAT 8016

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-193



15

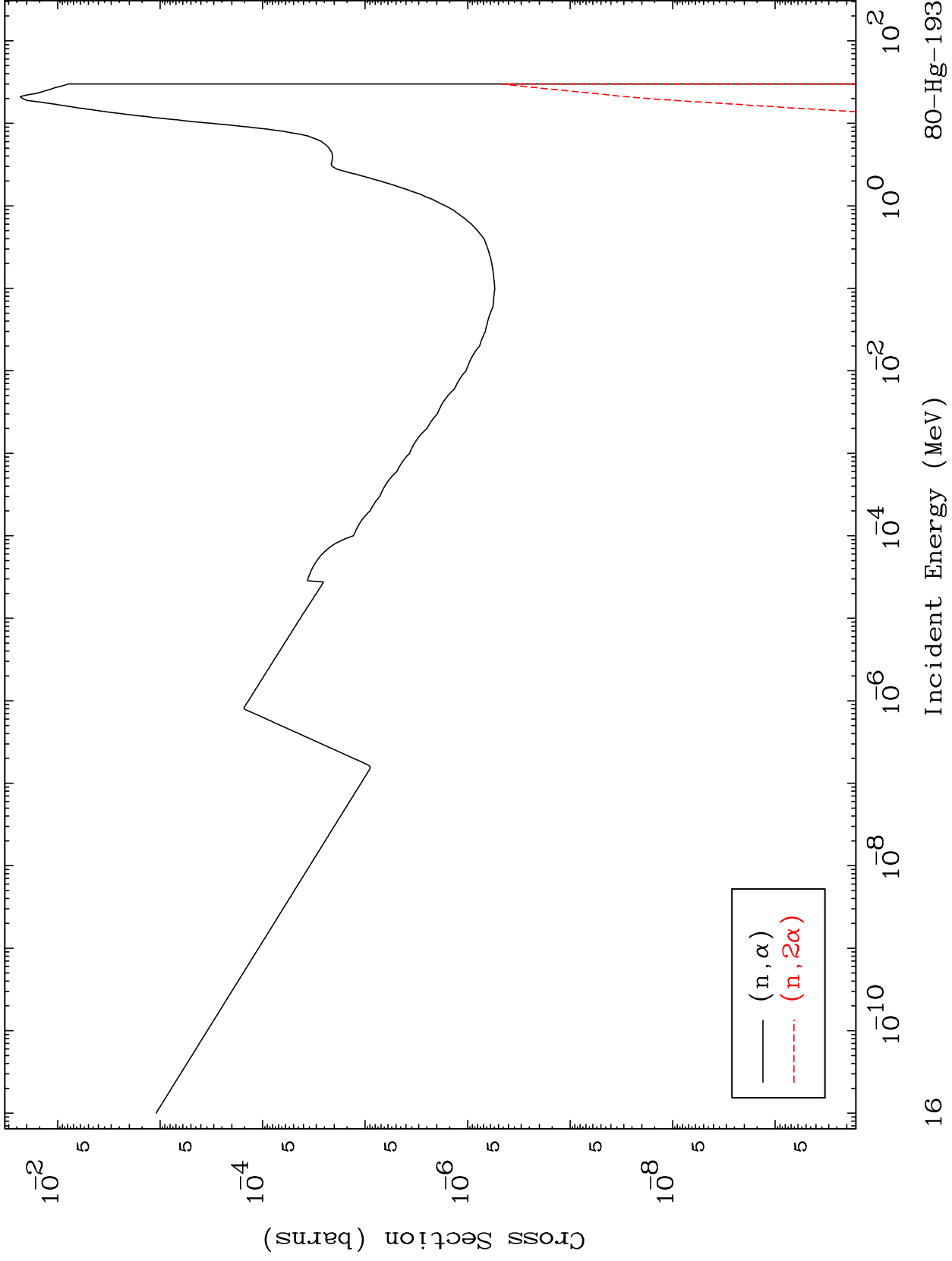
Incident Energy (MeV)

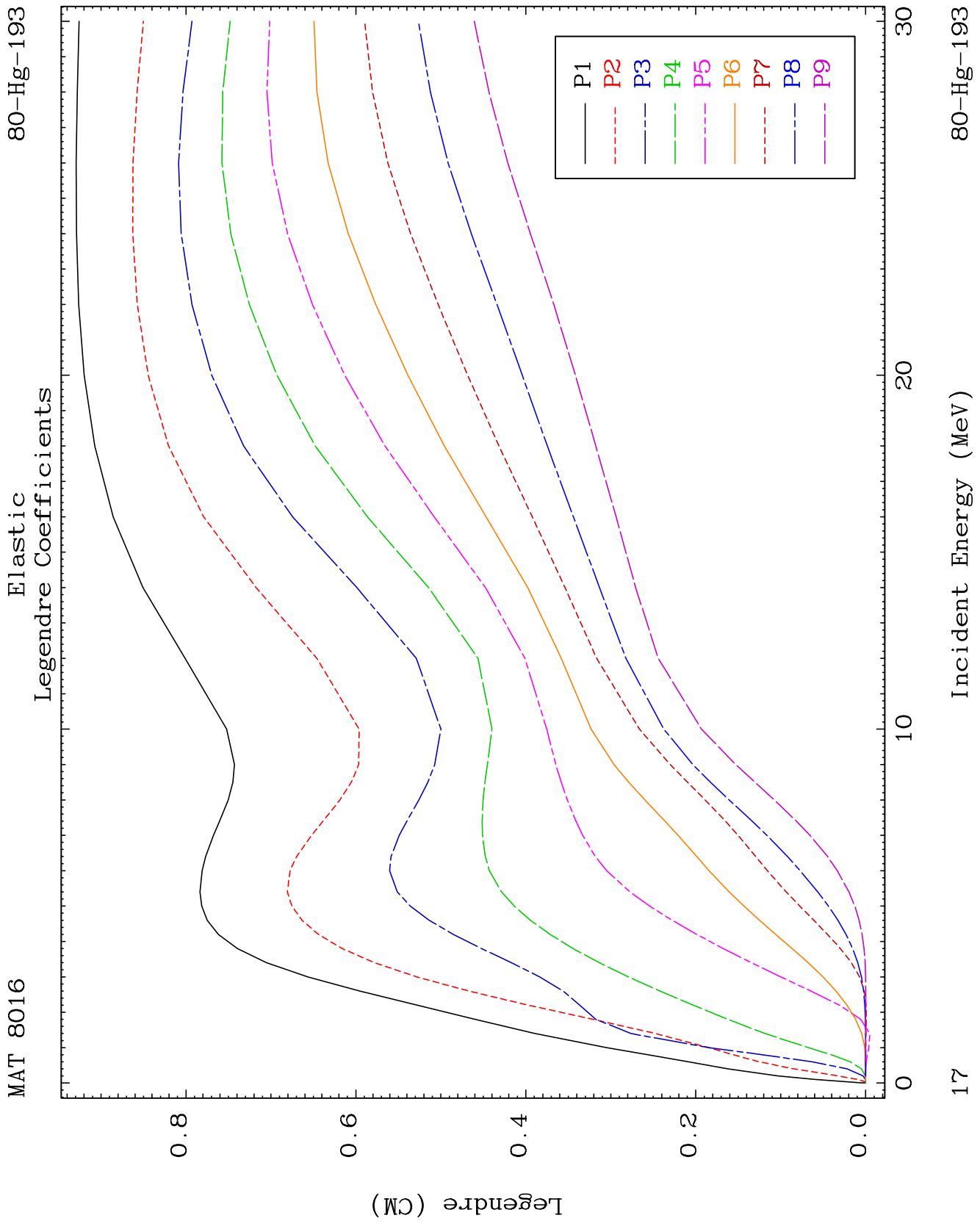
80-Hg-193

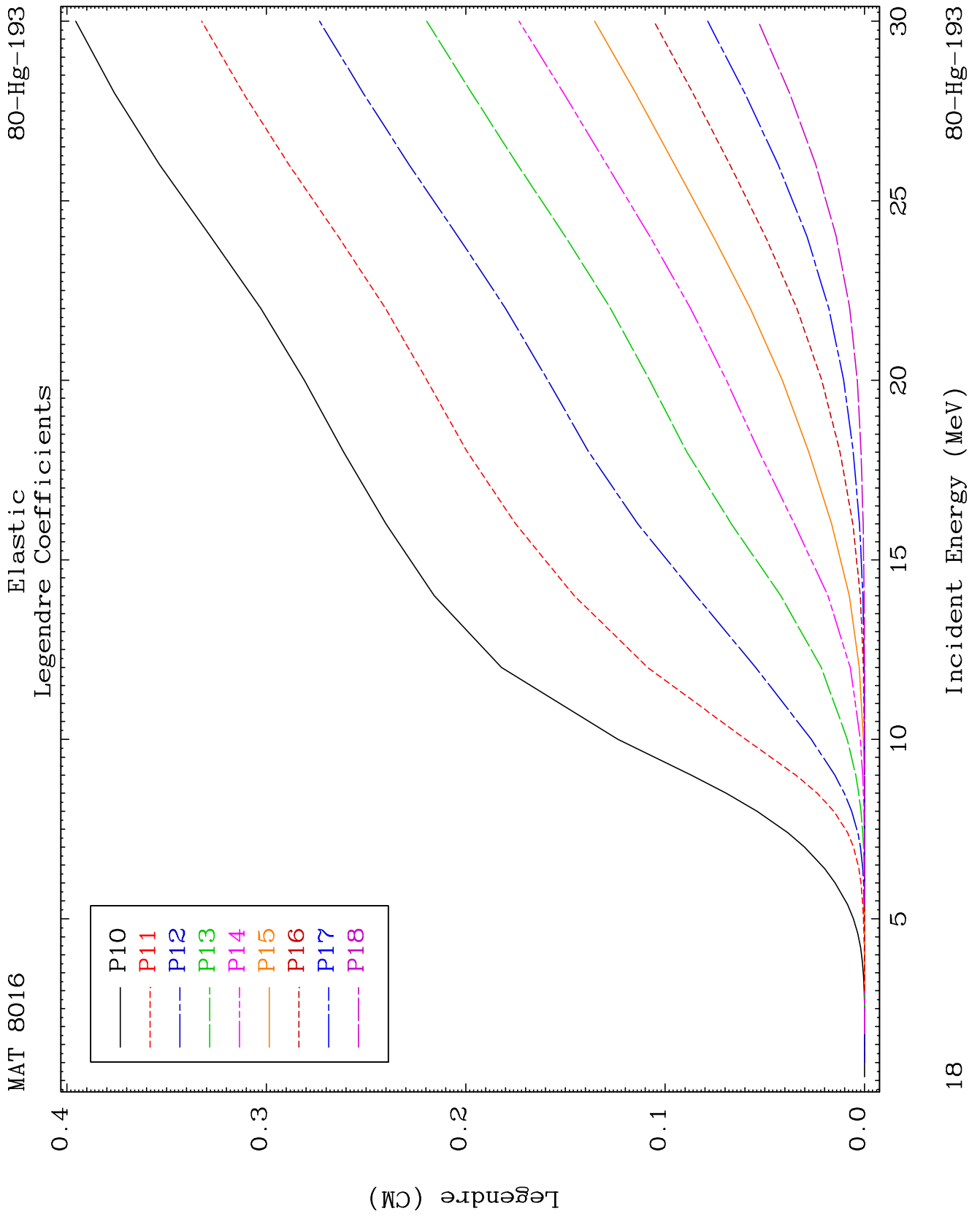
MAT 8016

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-193



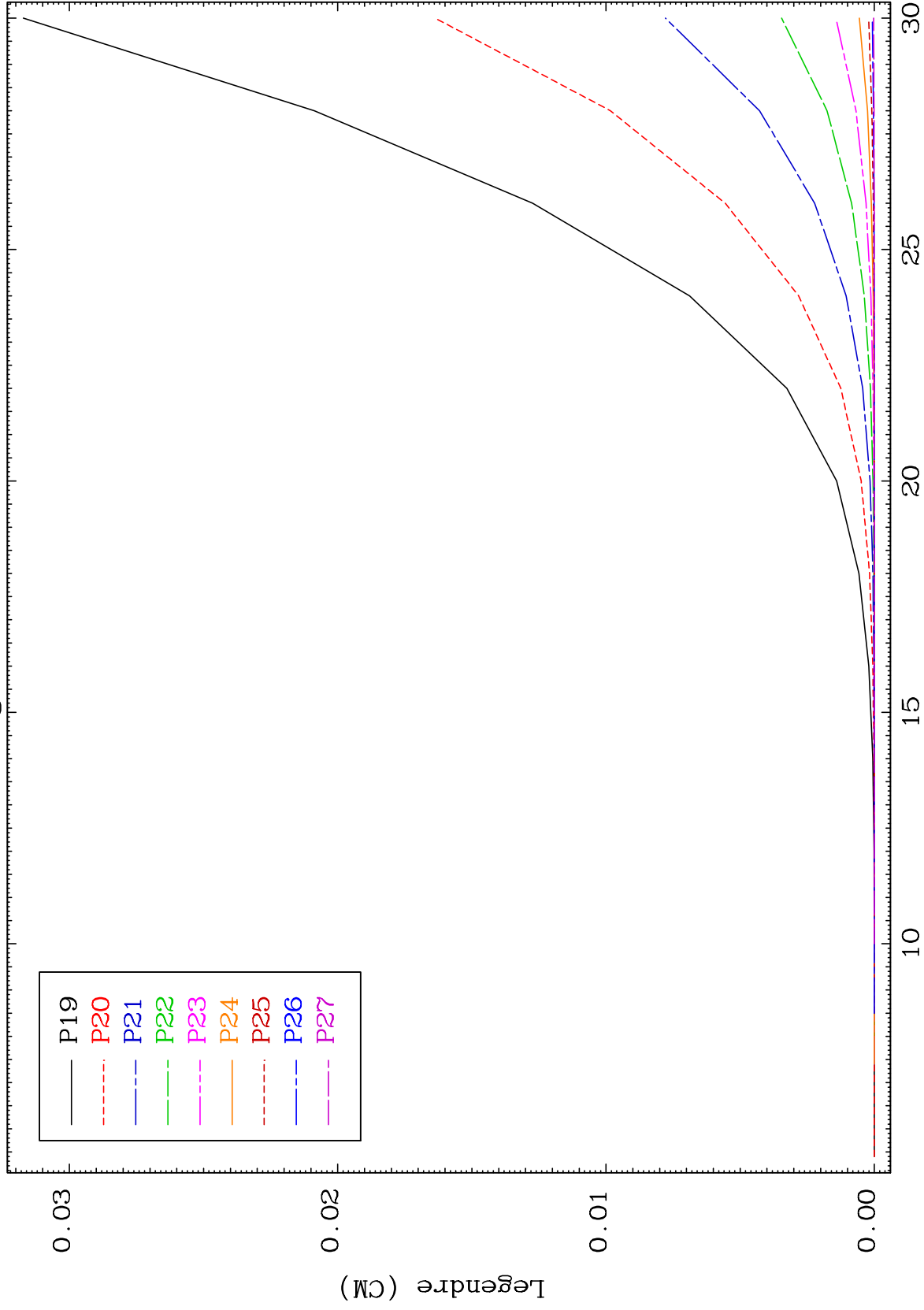




MAT 8016

Elastic Legendre Coefficients

80-Hg-193



19

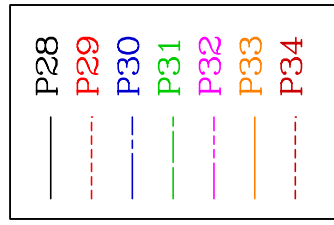
Incident Energy (MeV)

80-Hg-193

MAT 8016

Elastic Legendre Coefficients

80-Hg-193

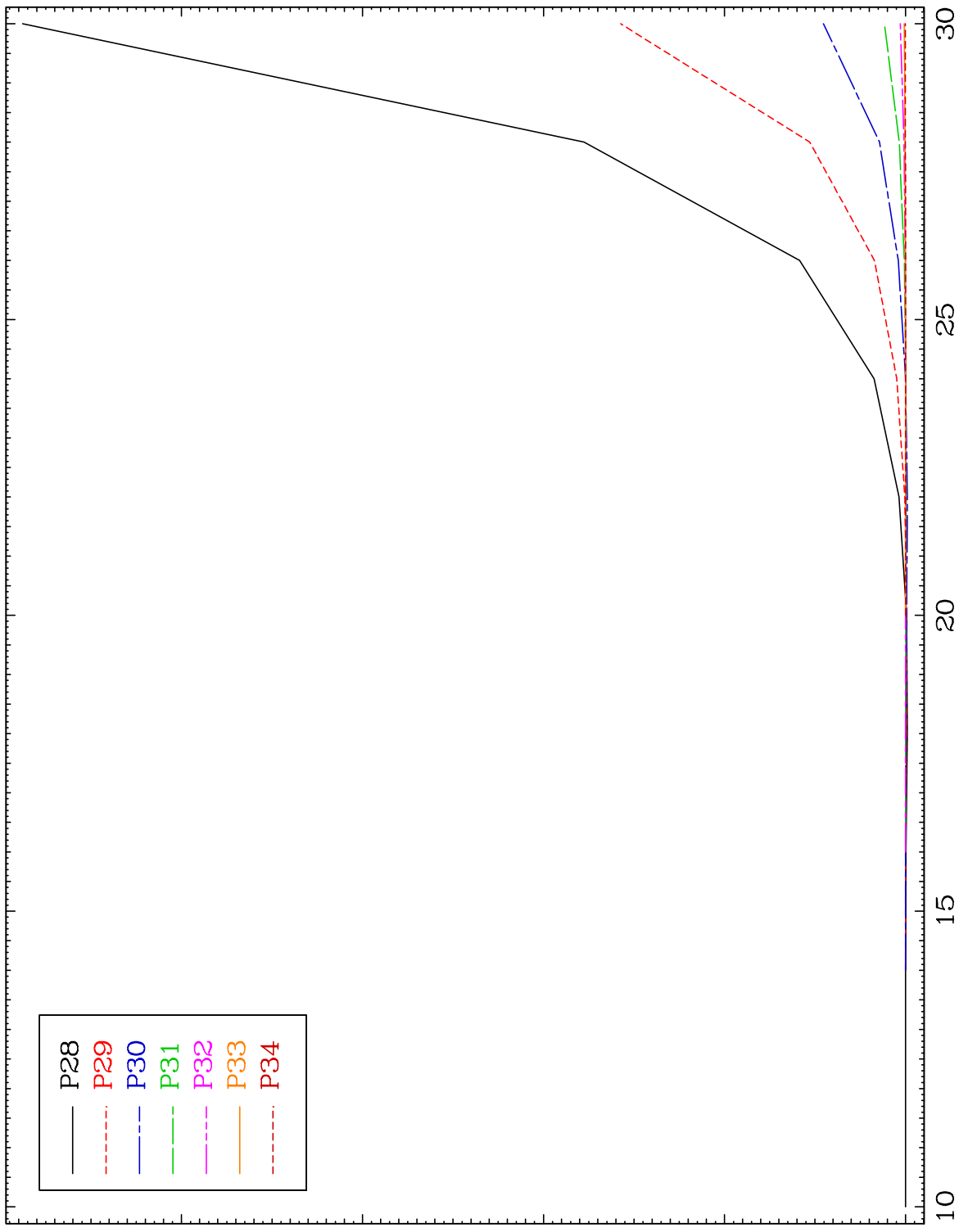


$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

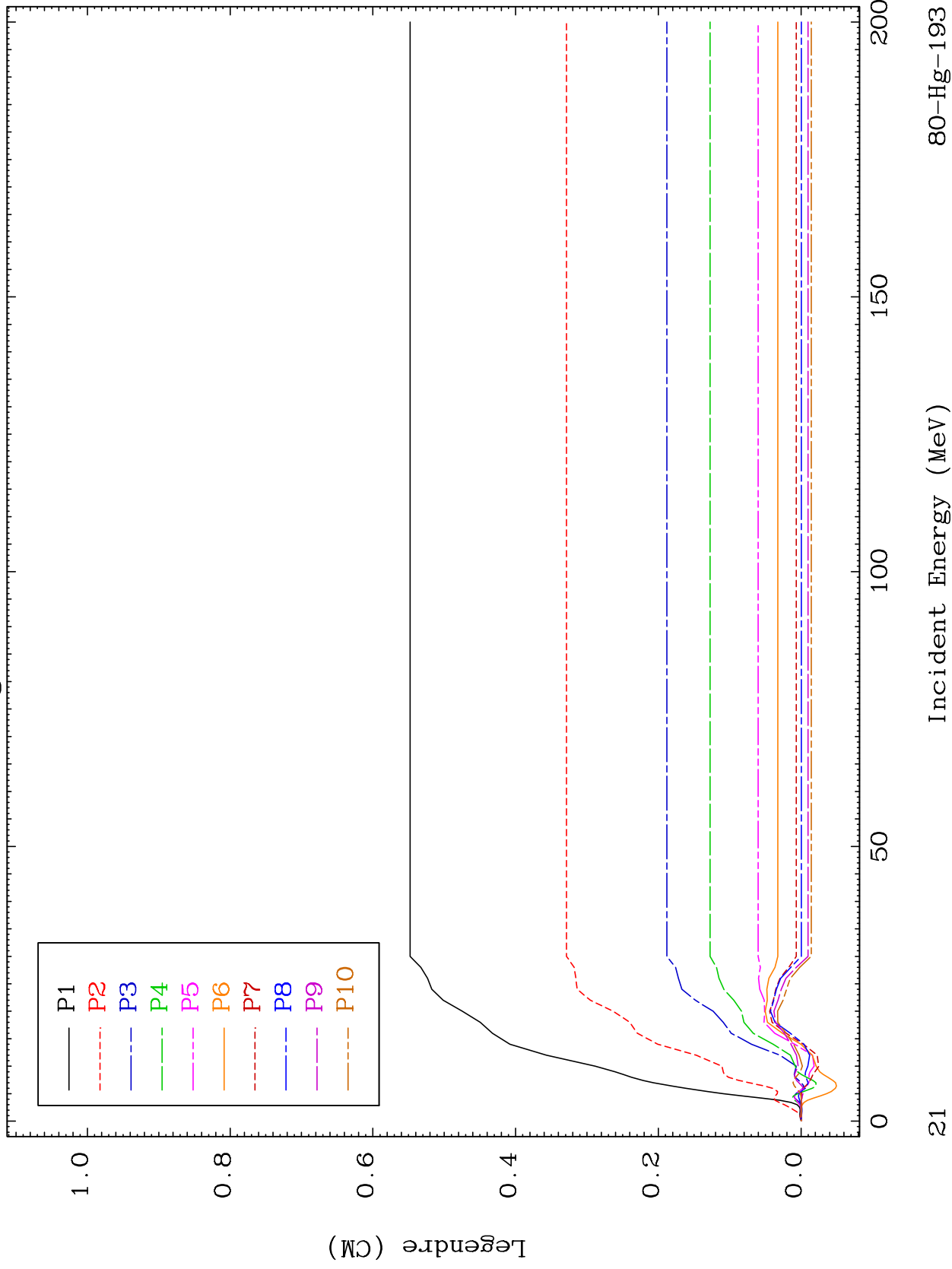
80-Hg-193



MAT 8016

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

80-Hg-193



80-Hg-193

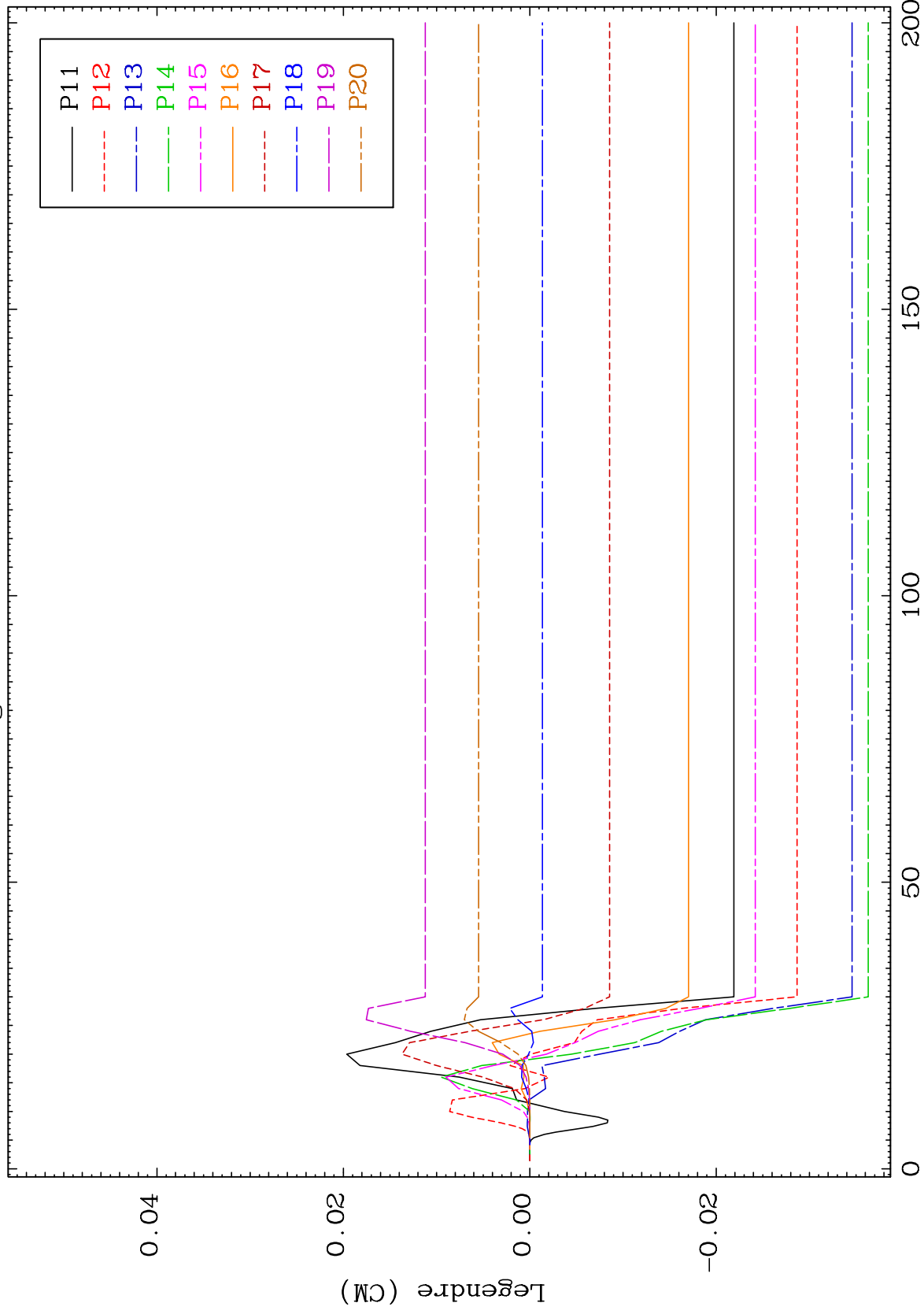
Incident Energy (MeV)

21

MAT 8016

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

80-Hg-193



22

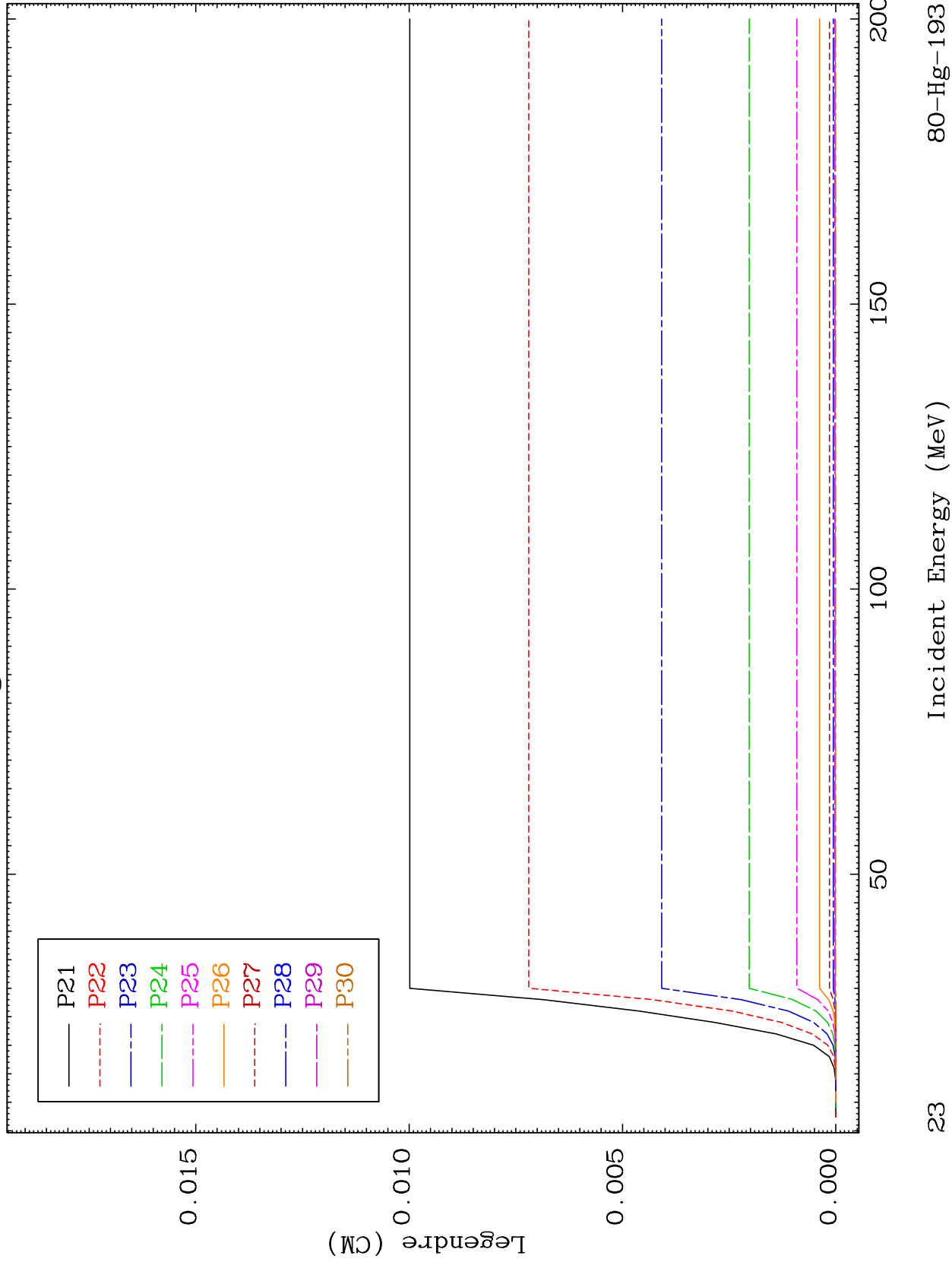
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



23

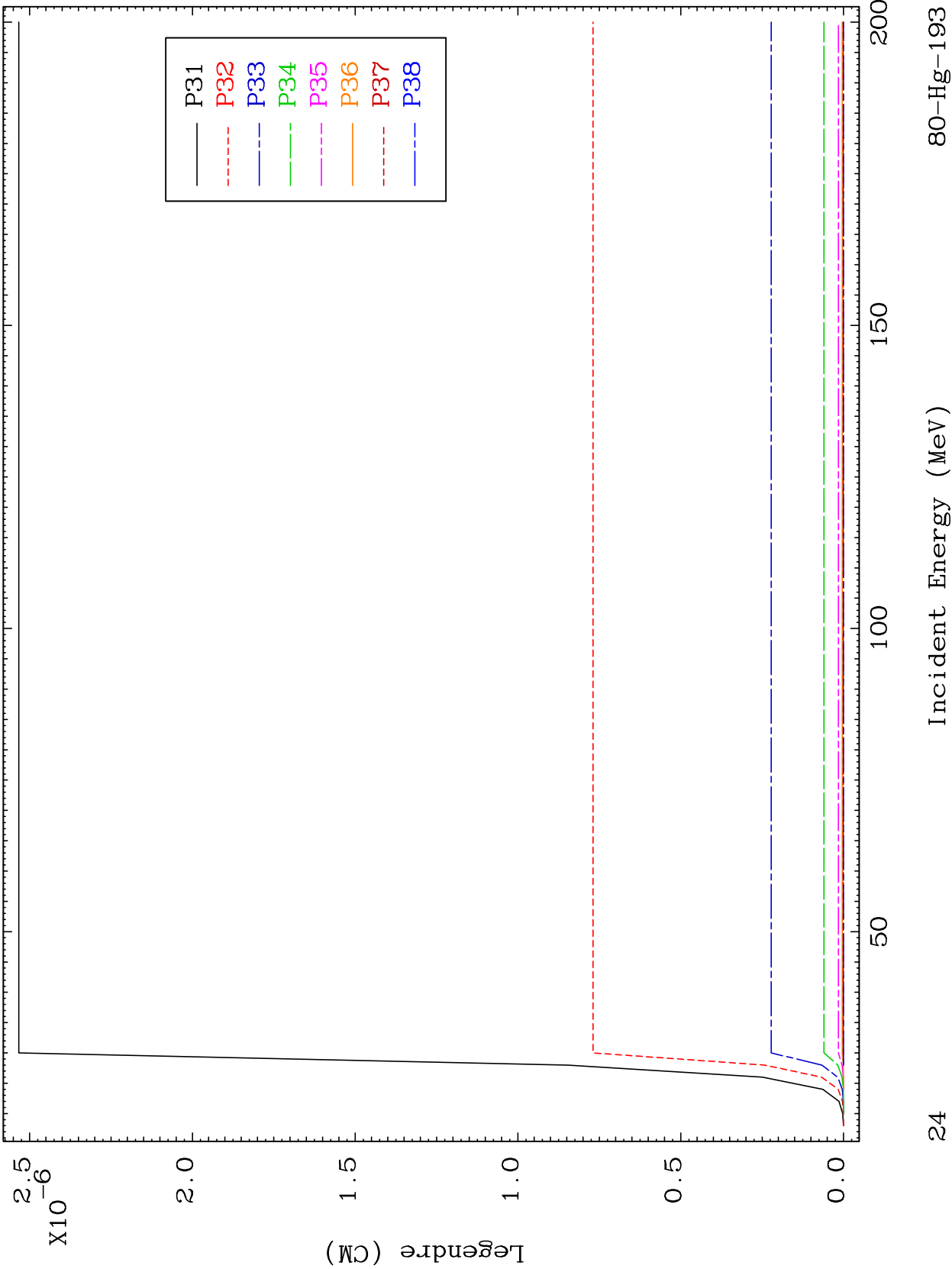
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



24

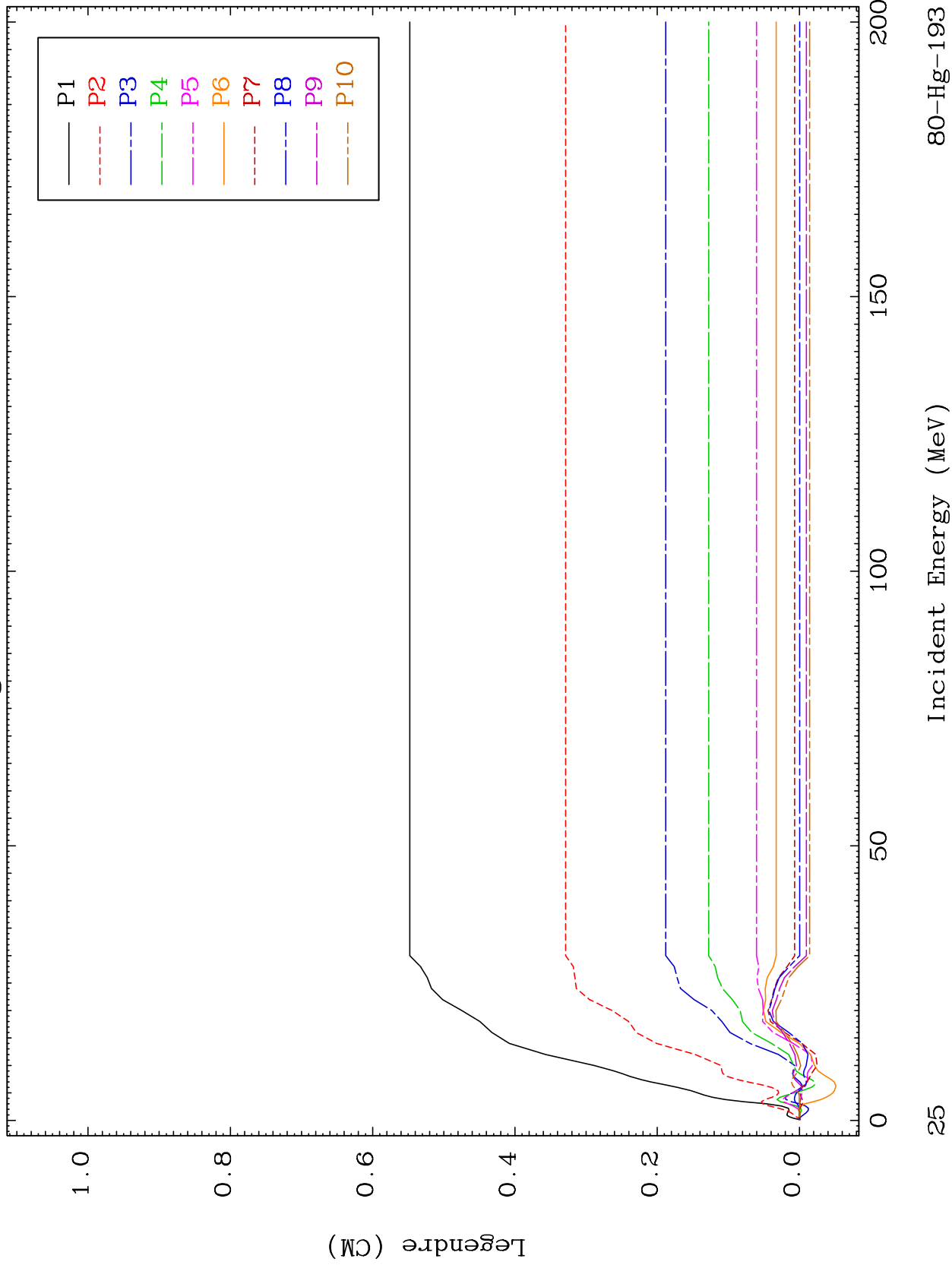
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

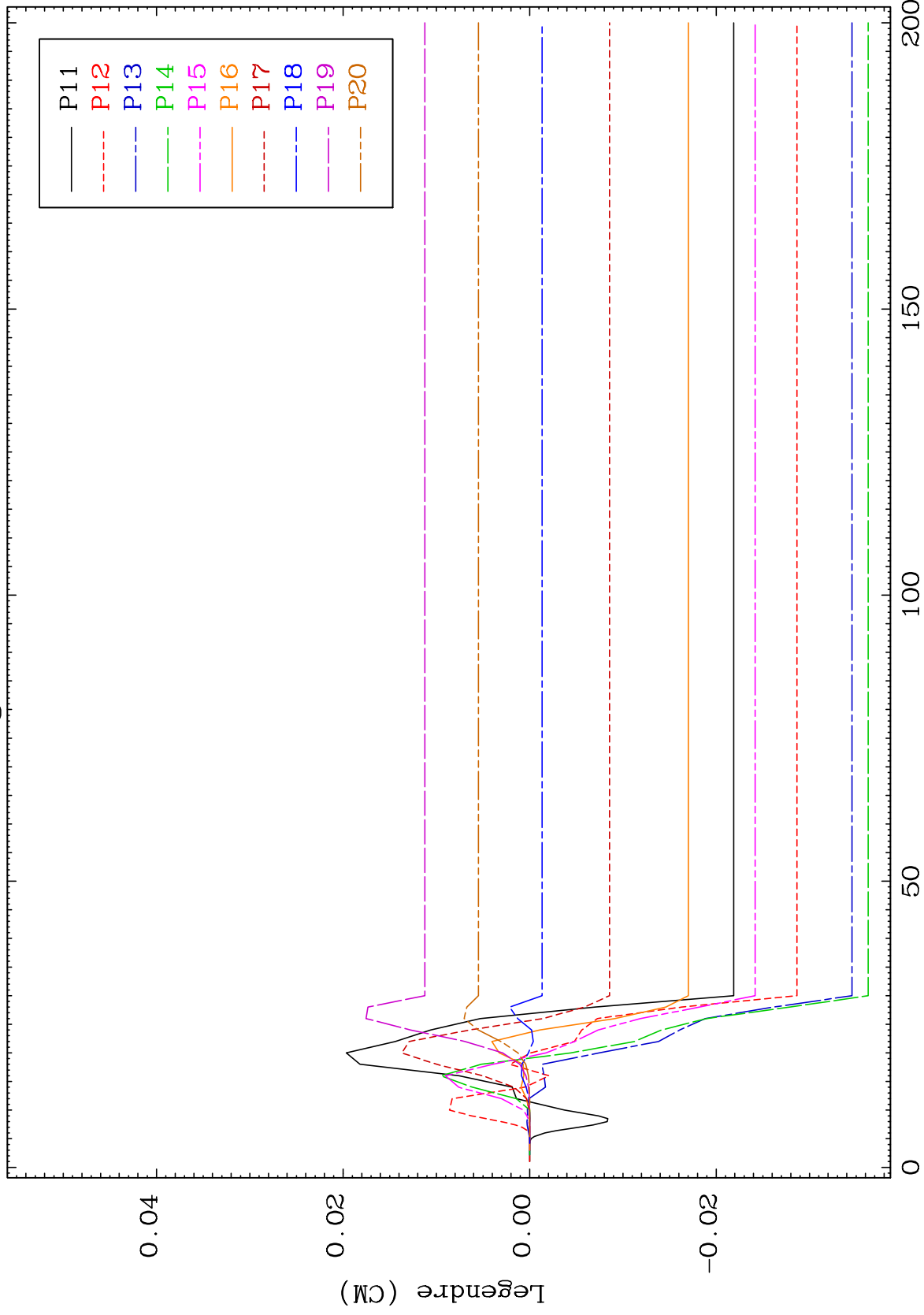
80-Hg-193



MAT 8016

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

80-Hg-193



26

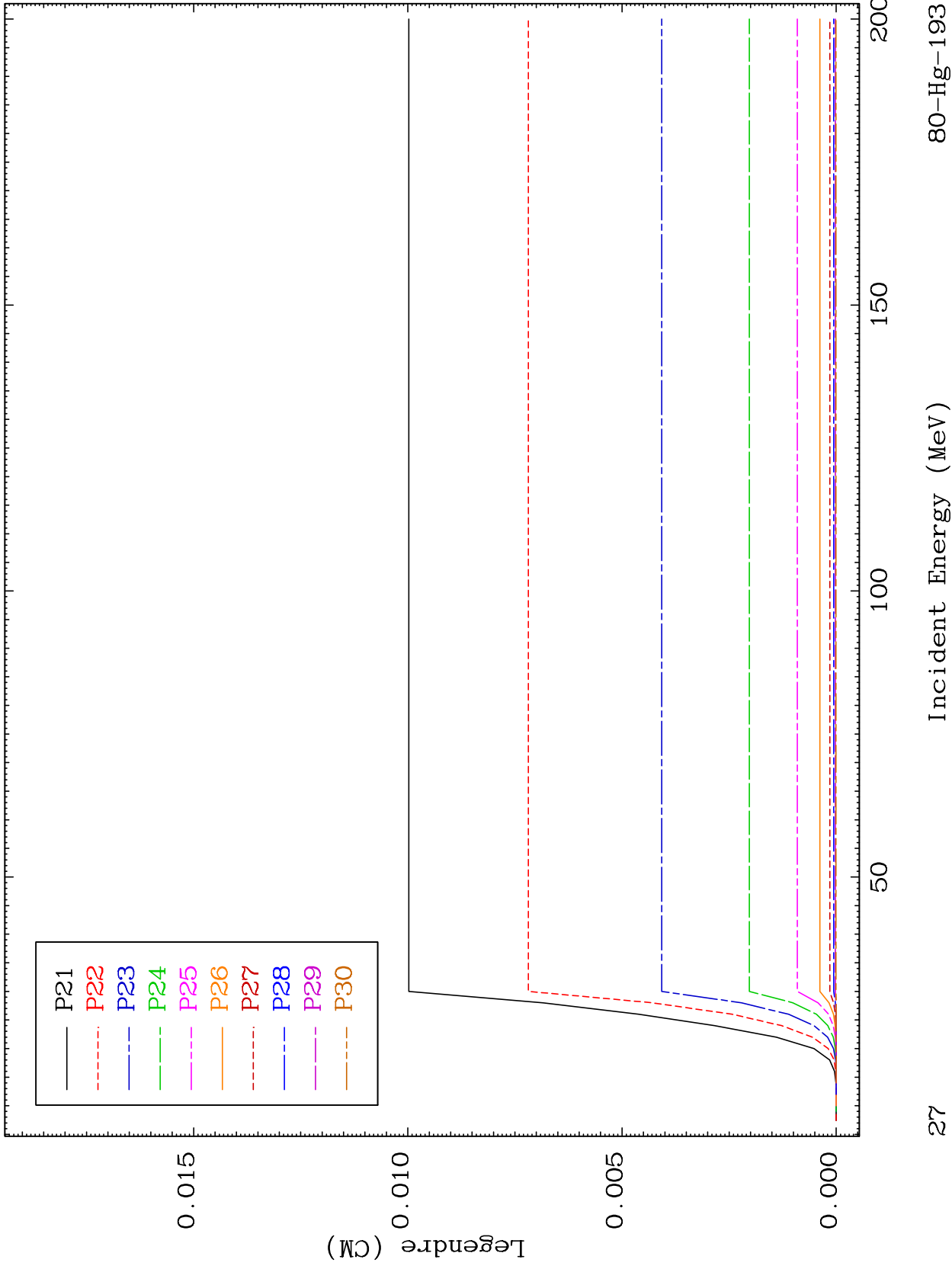
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



27

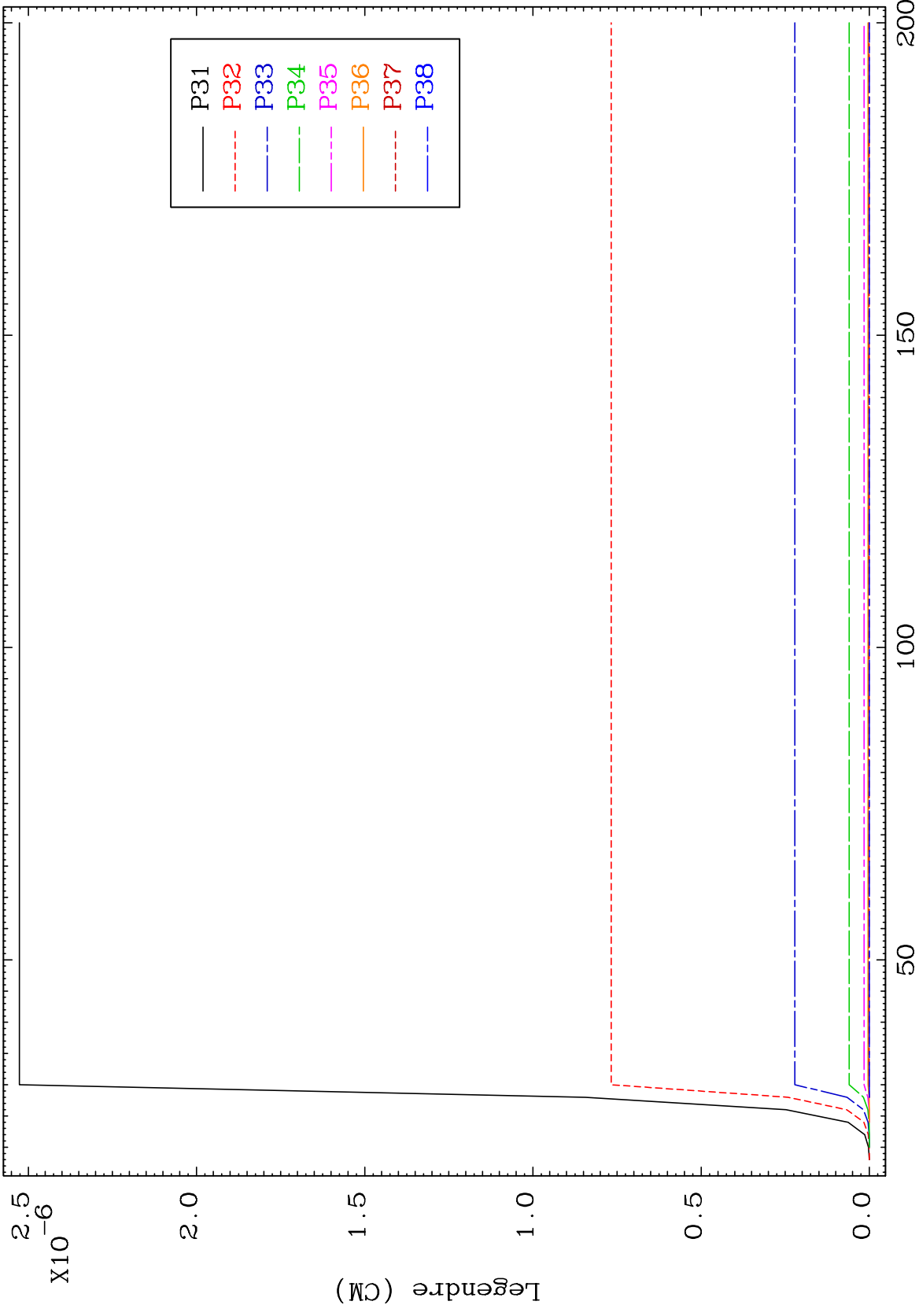
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



28

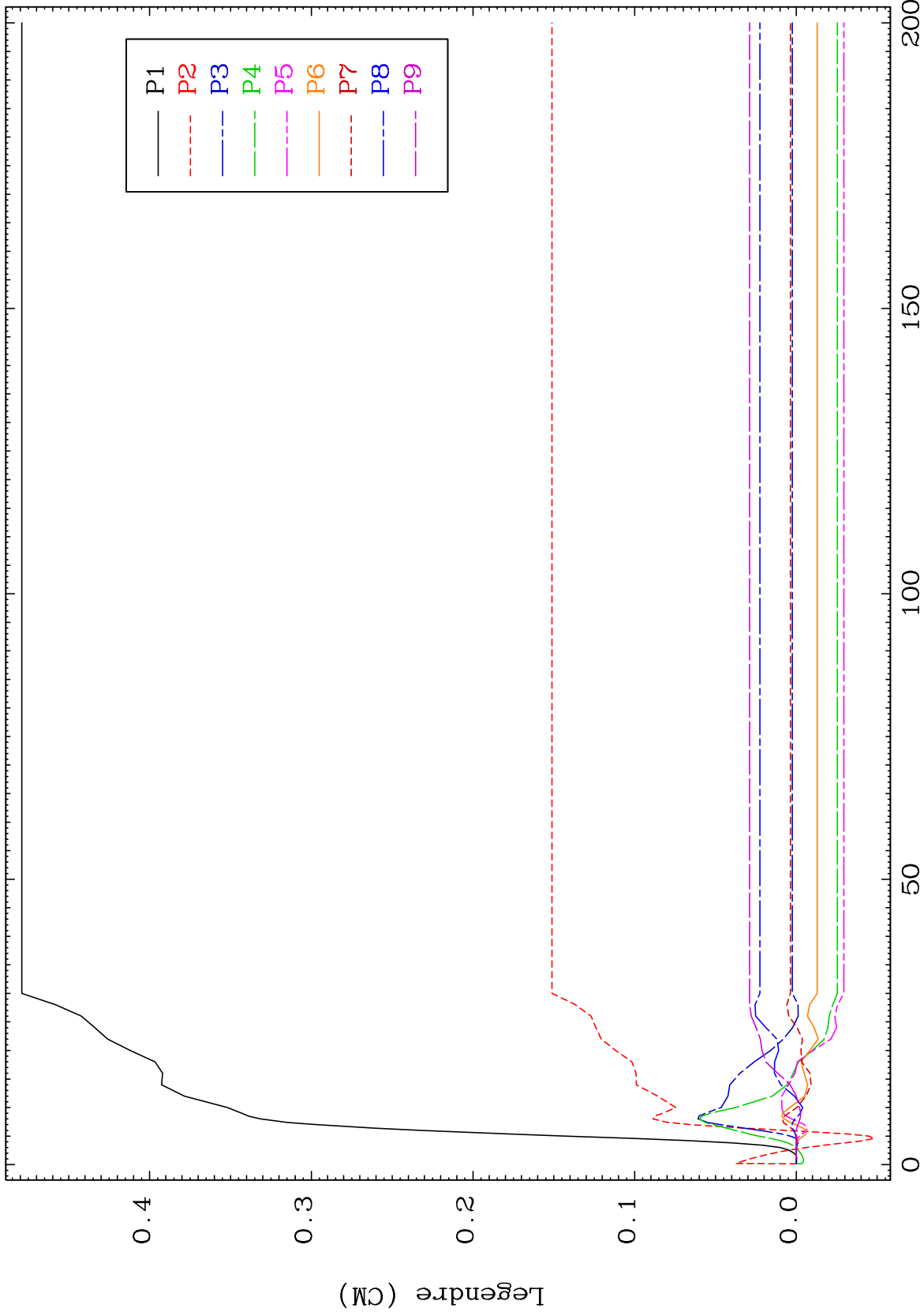
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

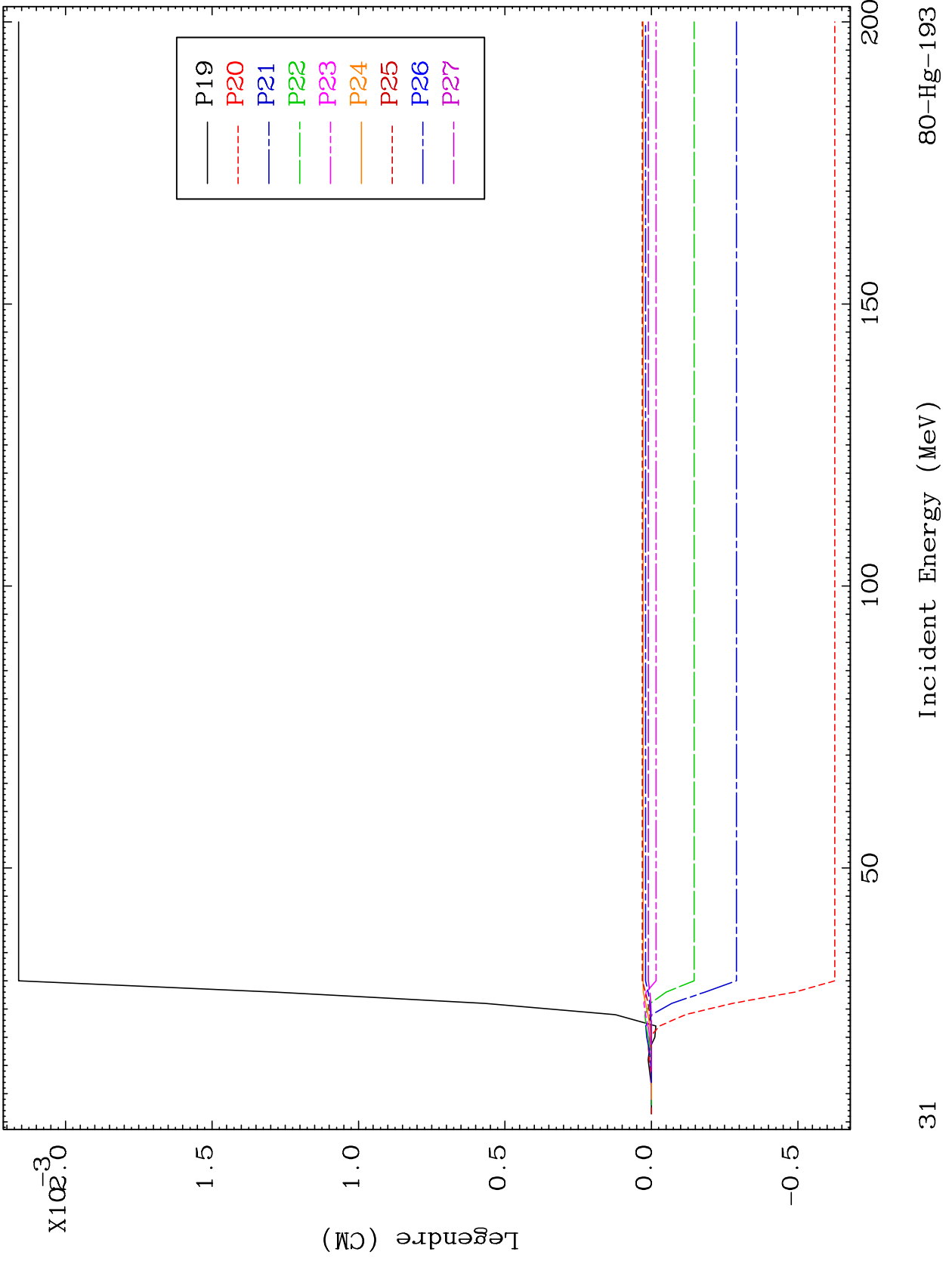
80-Hg-193



80-Hg-193

Incident Energy (MeV)

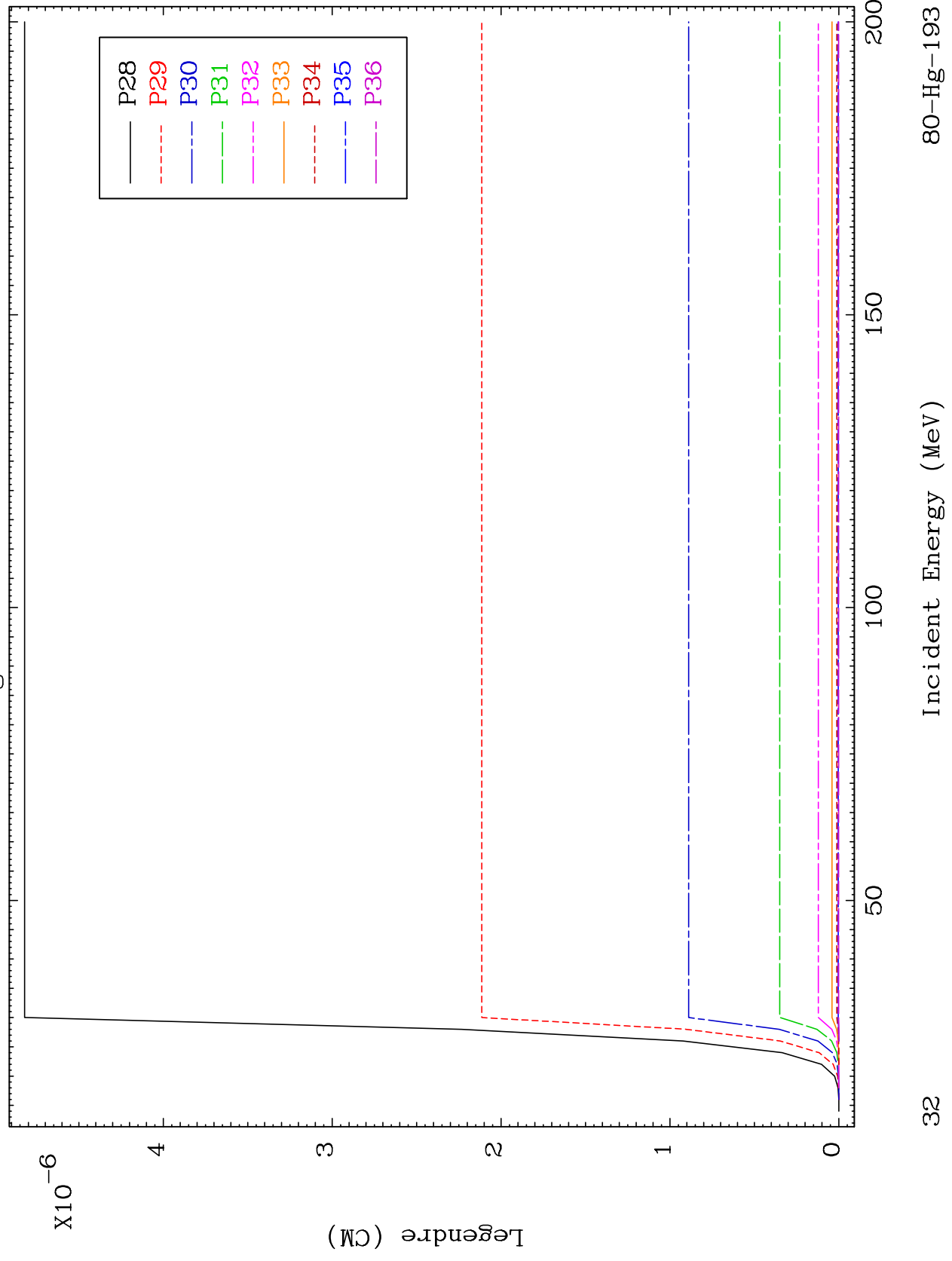
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MAT 8016

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

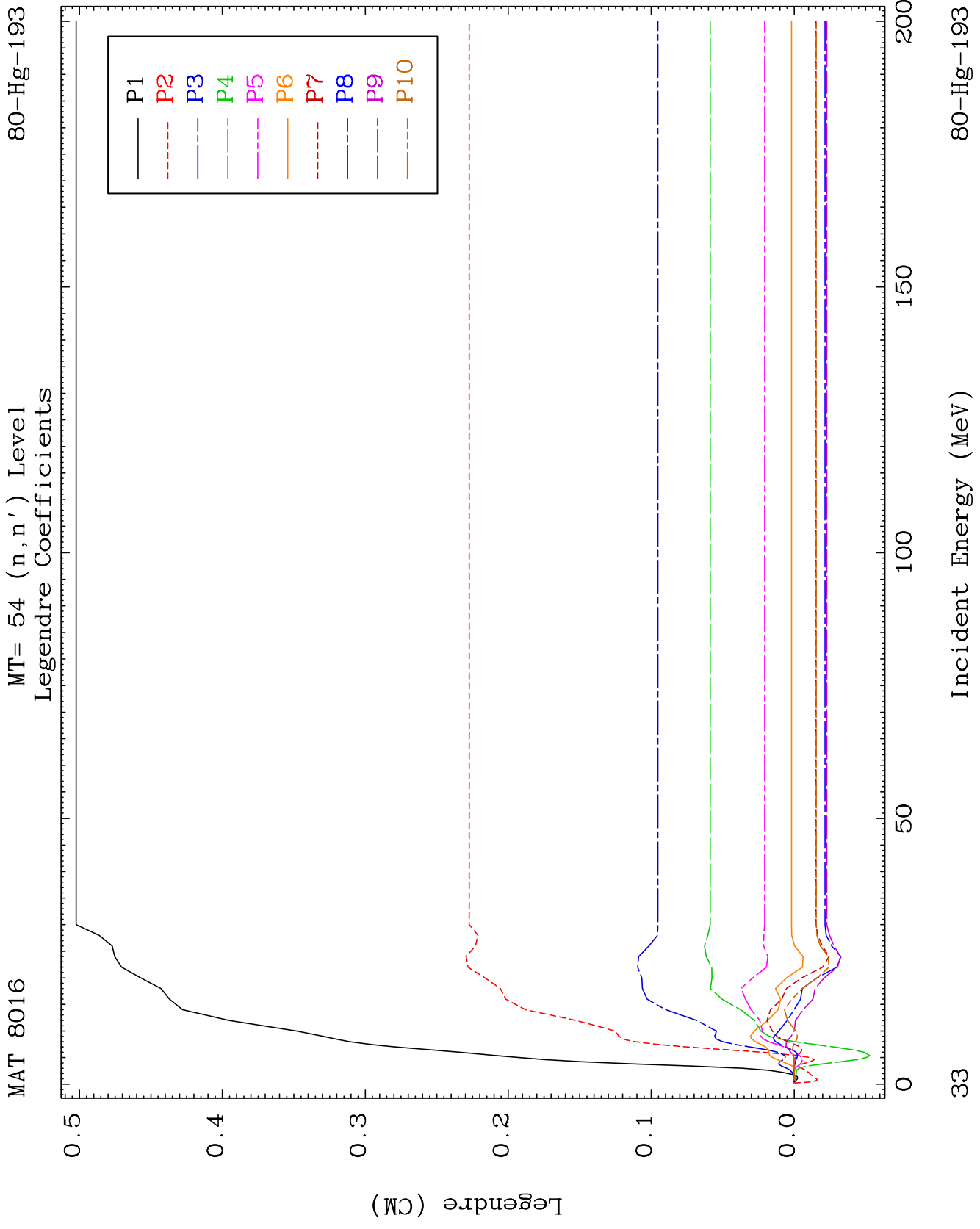
80-Hg-193



32

Incident Energy (MeV)

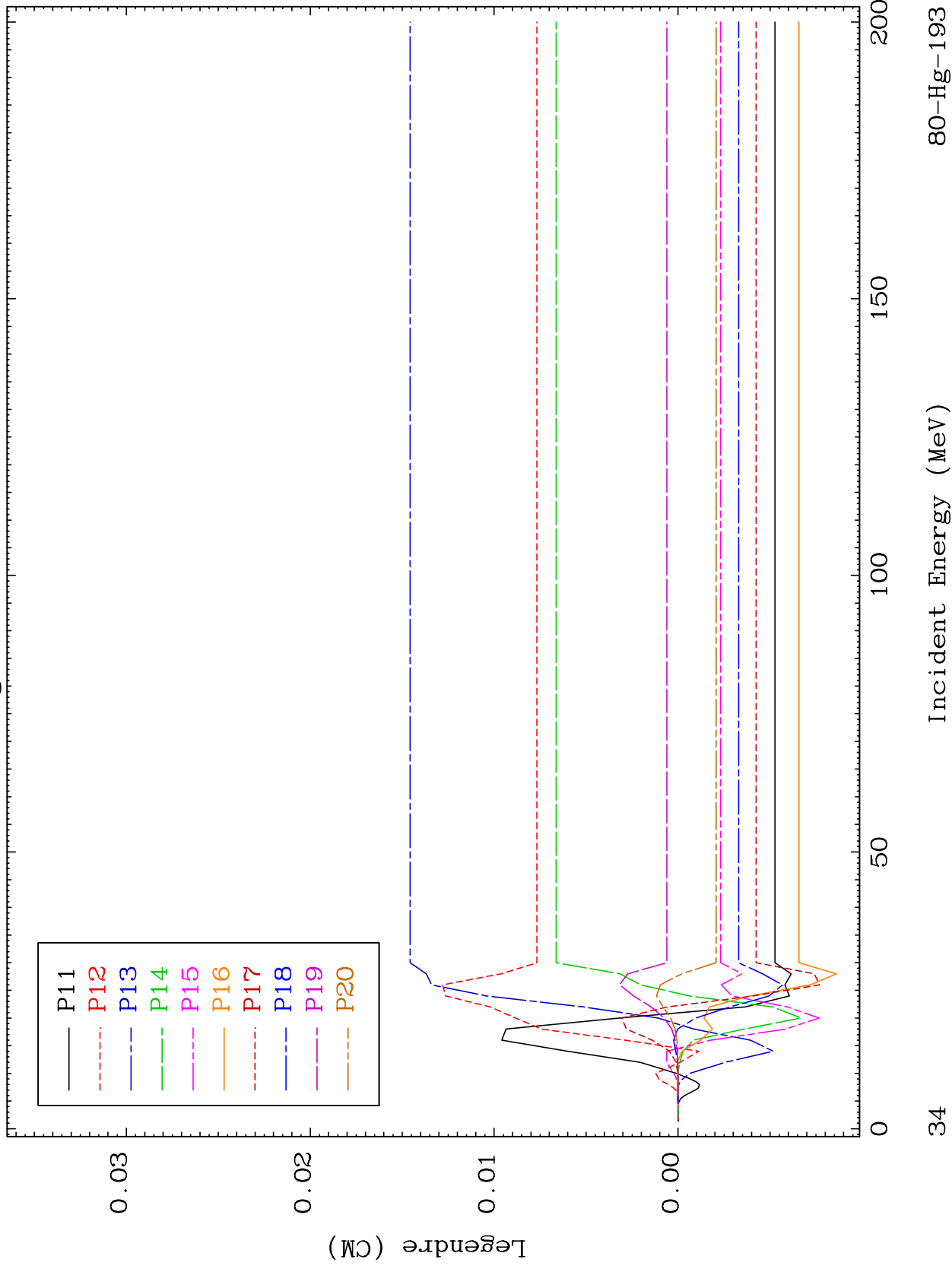
80-Hg-193



MAT 8016

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

80-Hg-193

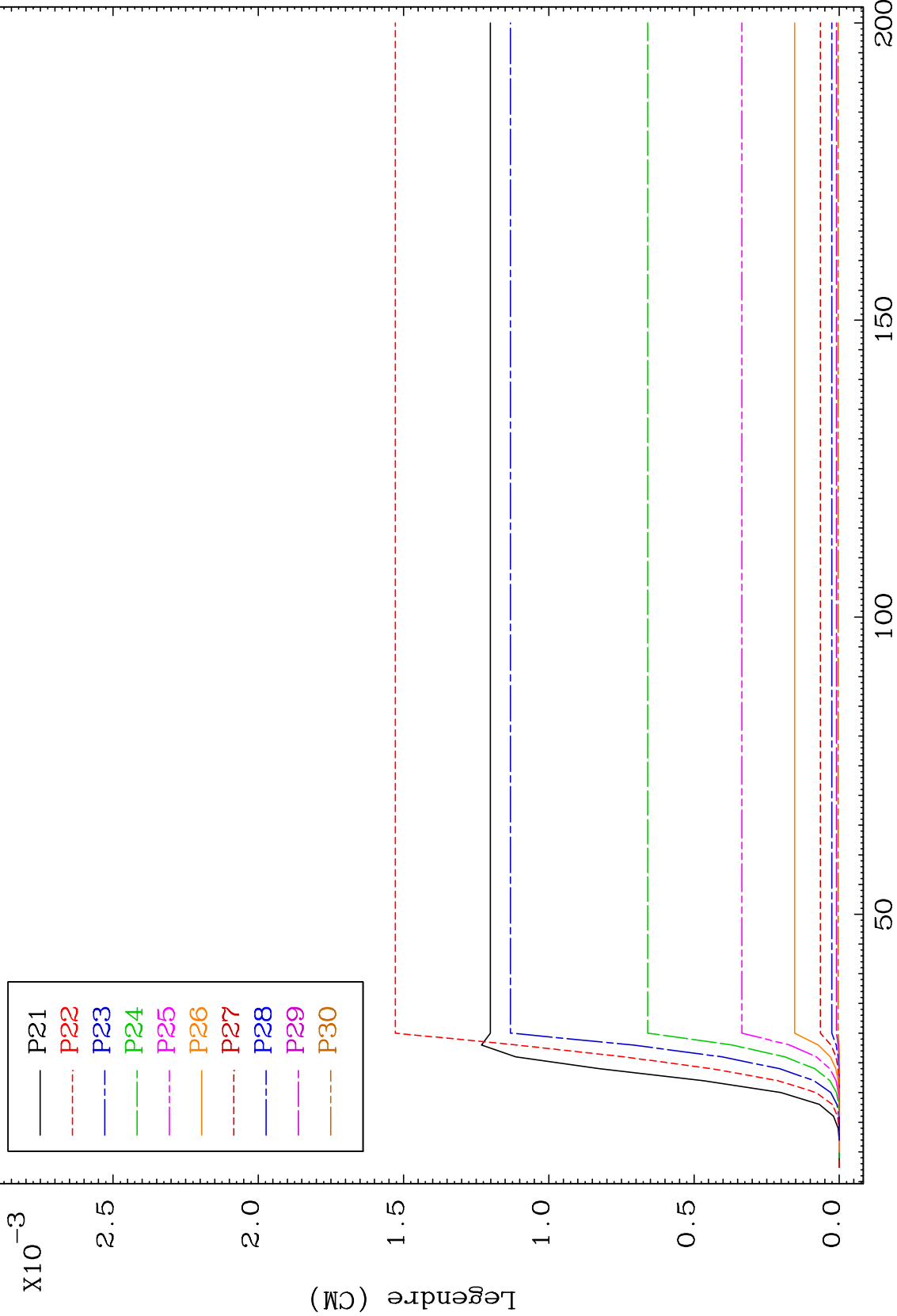
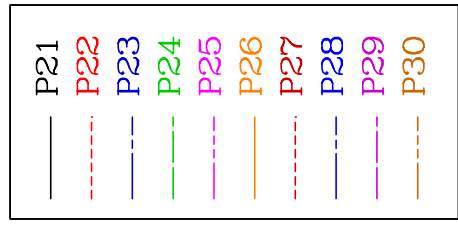


34

MAT 8016

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

80-Hg-193



35

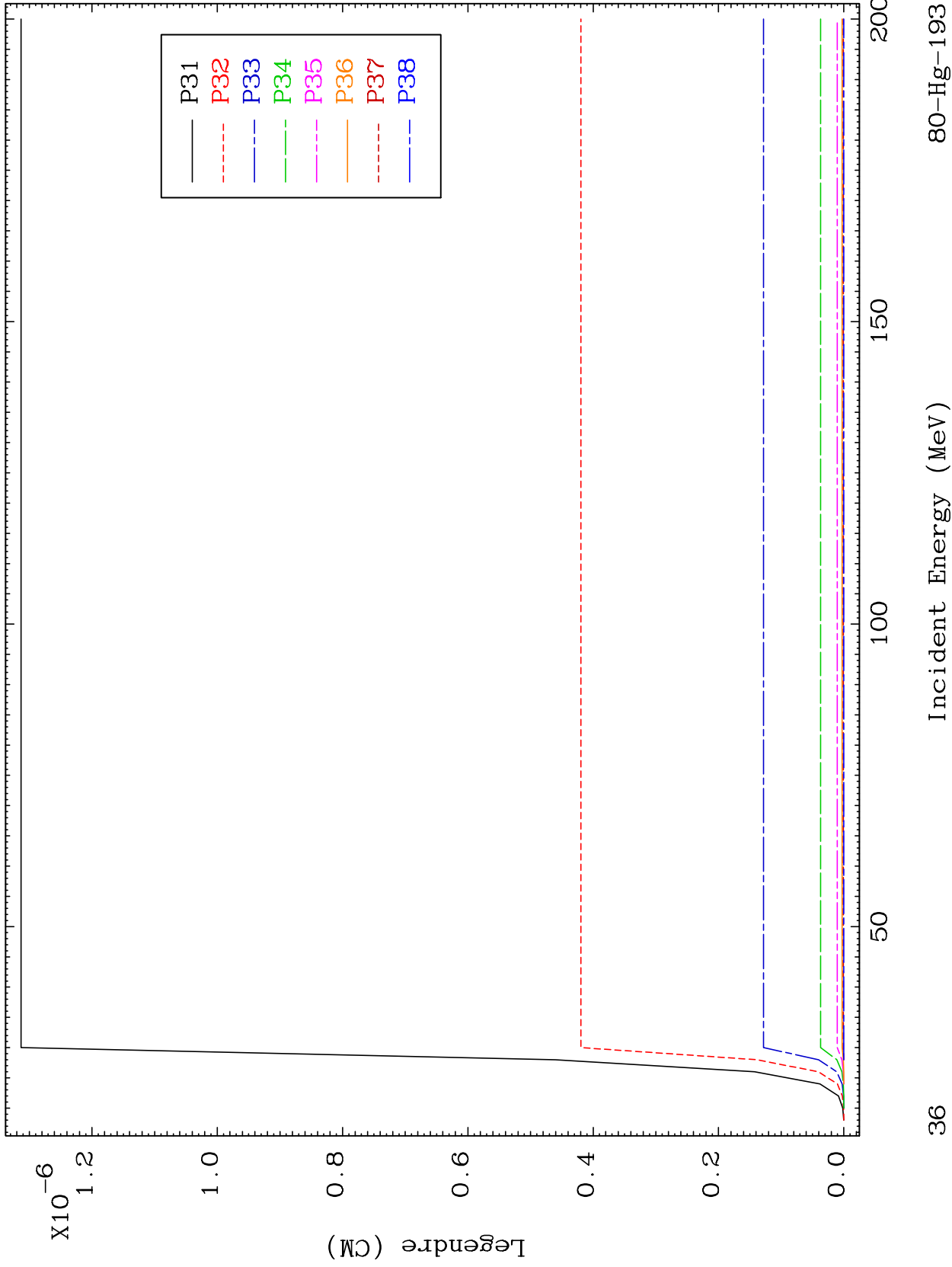
Incident Energy (MeV)

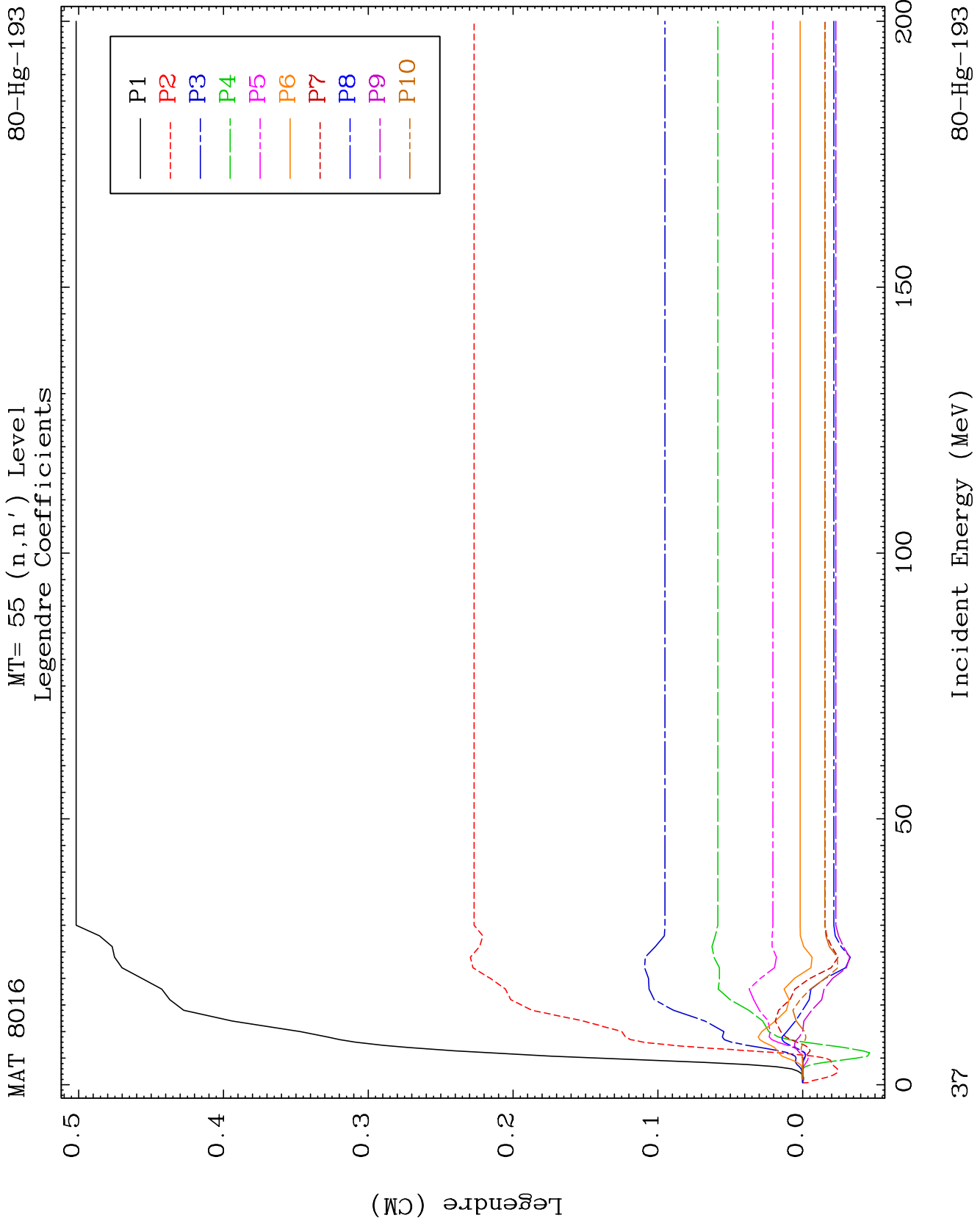
80-Hg-193

MAT 8016

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

80-Hg-193

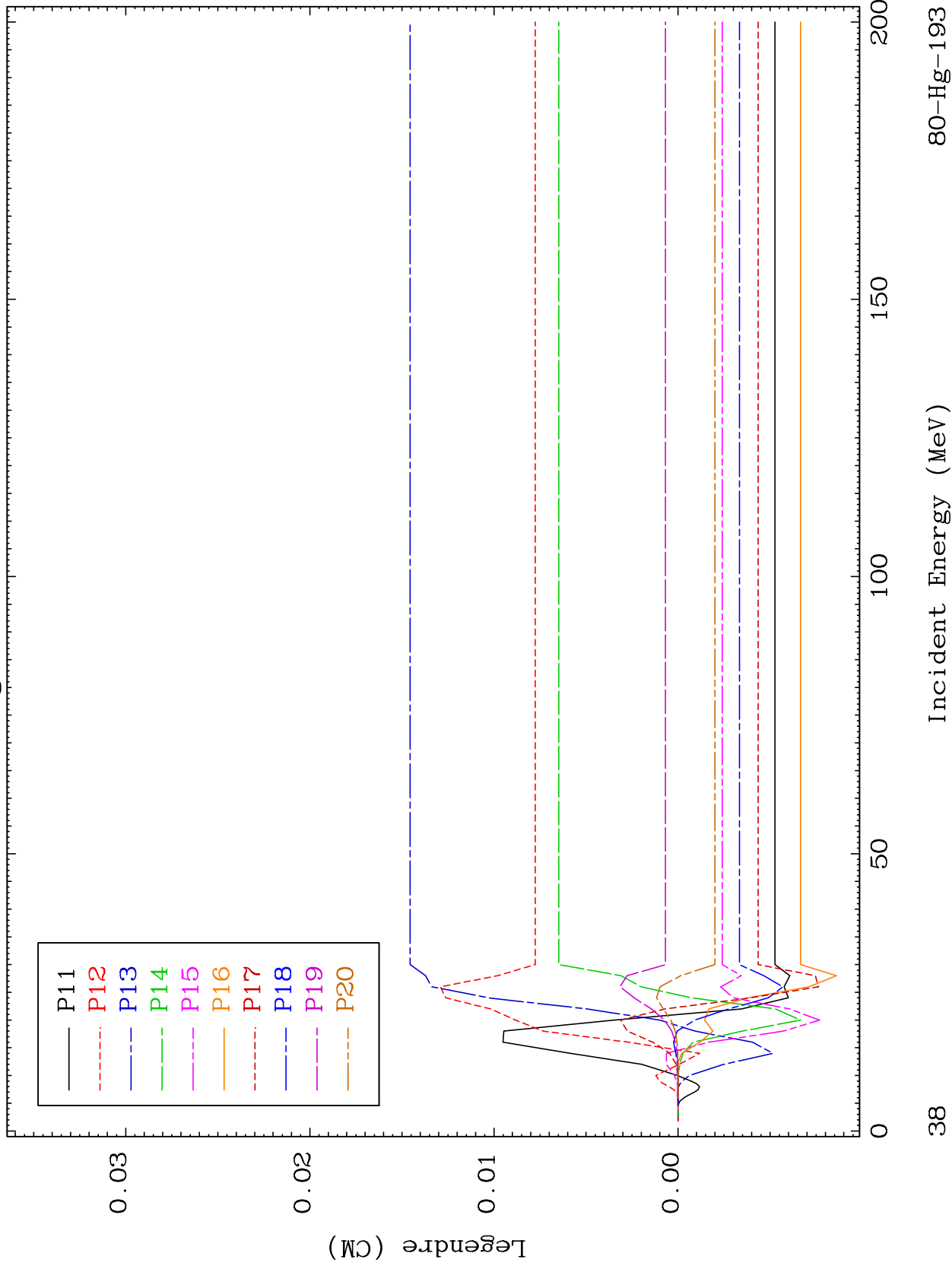




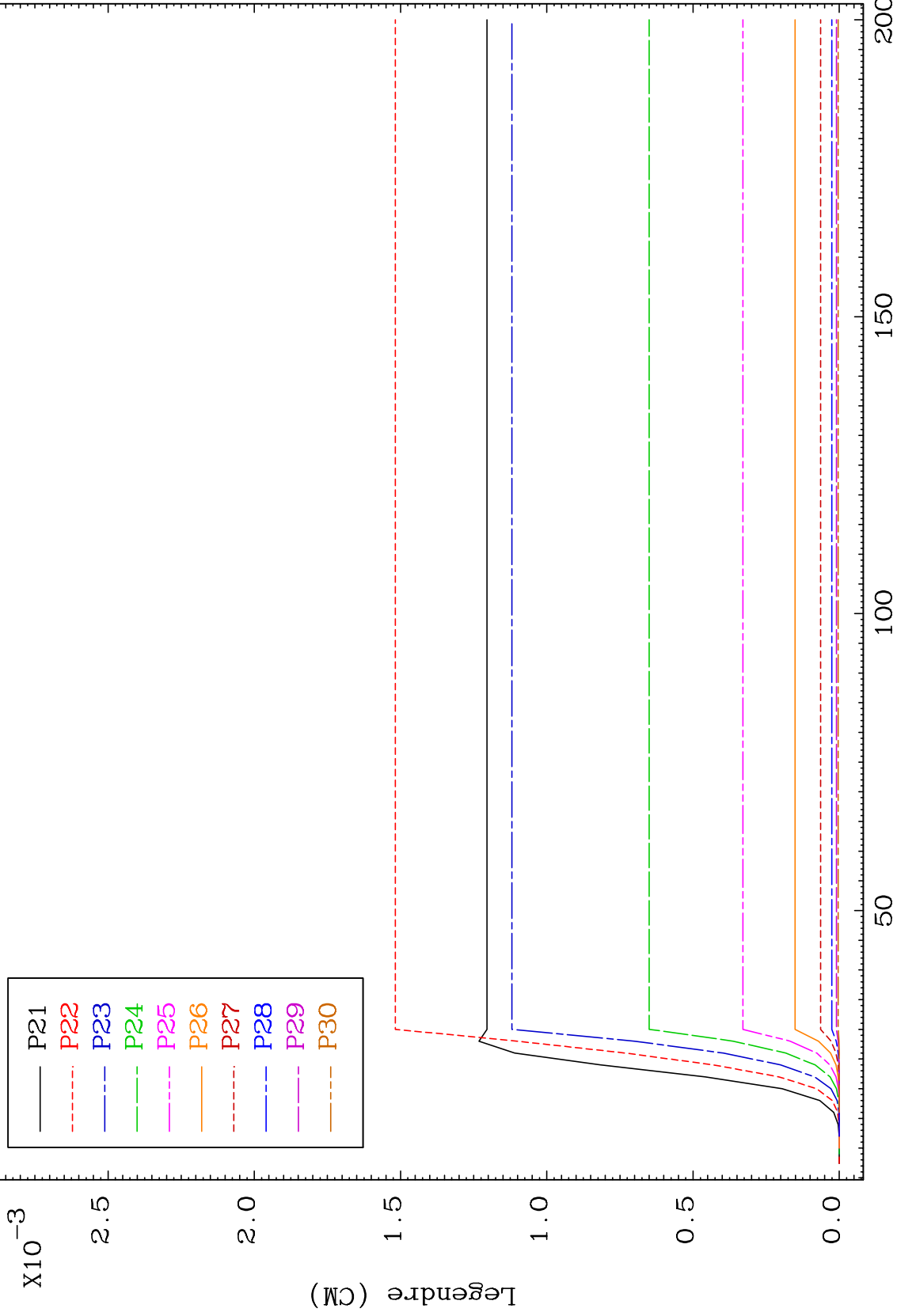
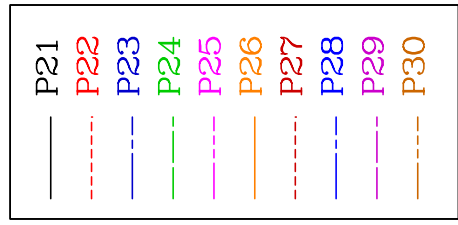
MAT 8016

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

80-Hg-193



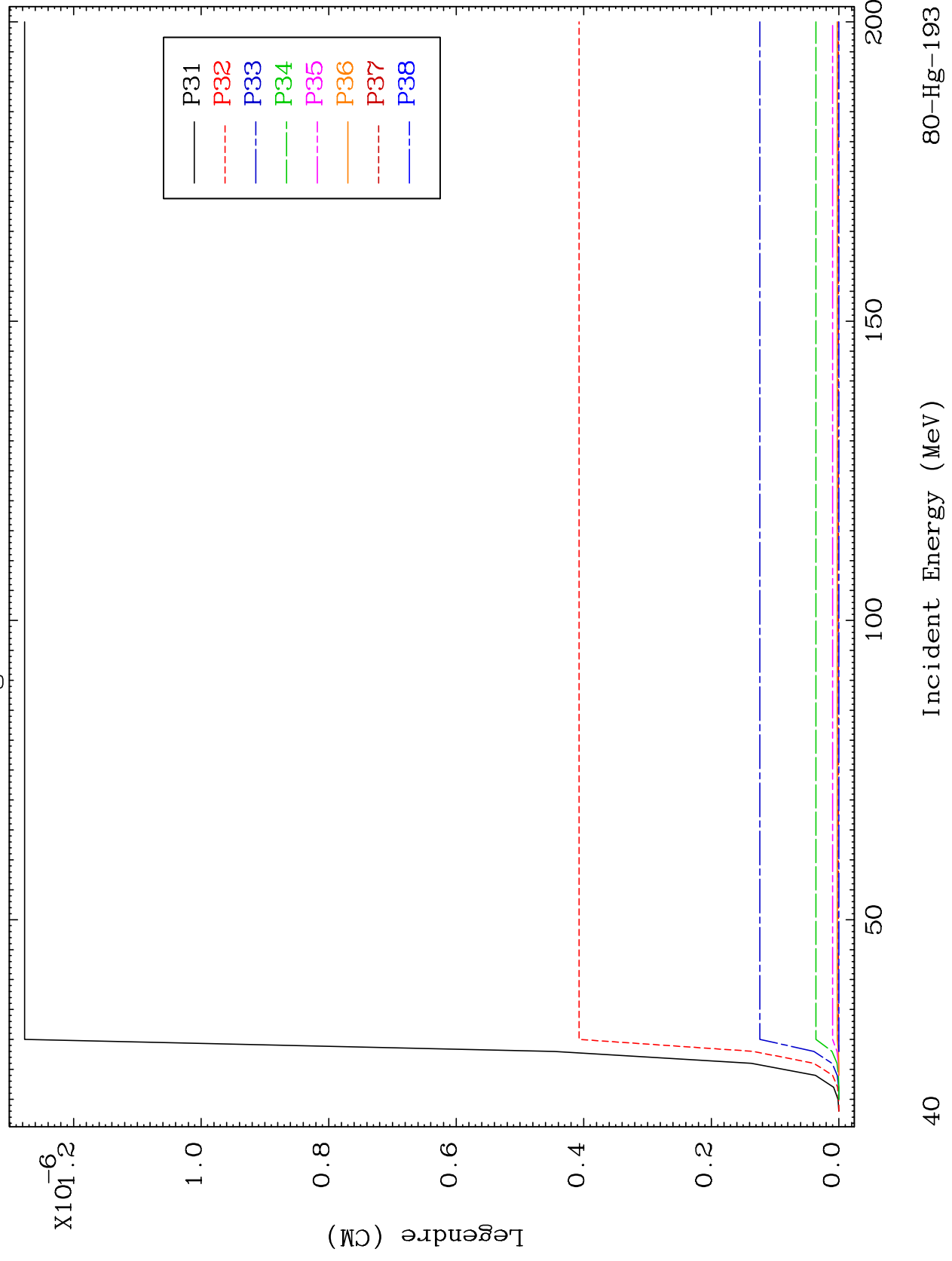
38



MAT 8016

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

80-Hg-193



40

50

100

150

200

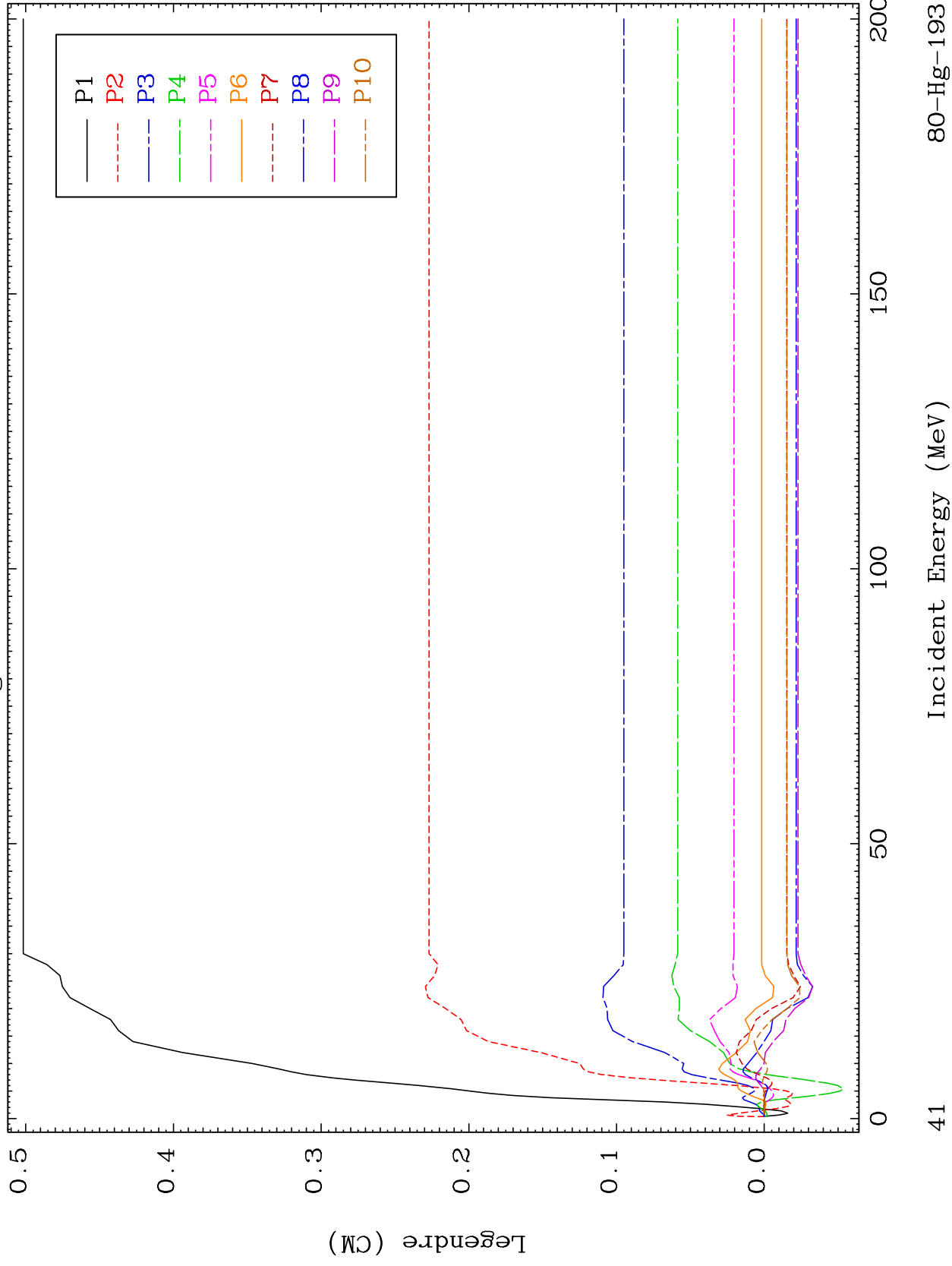
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

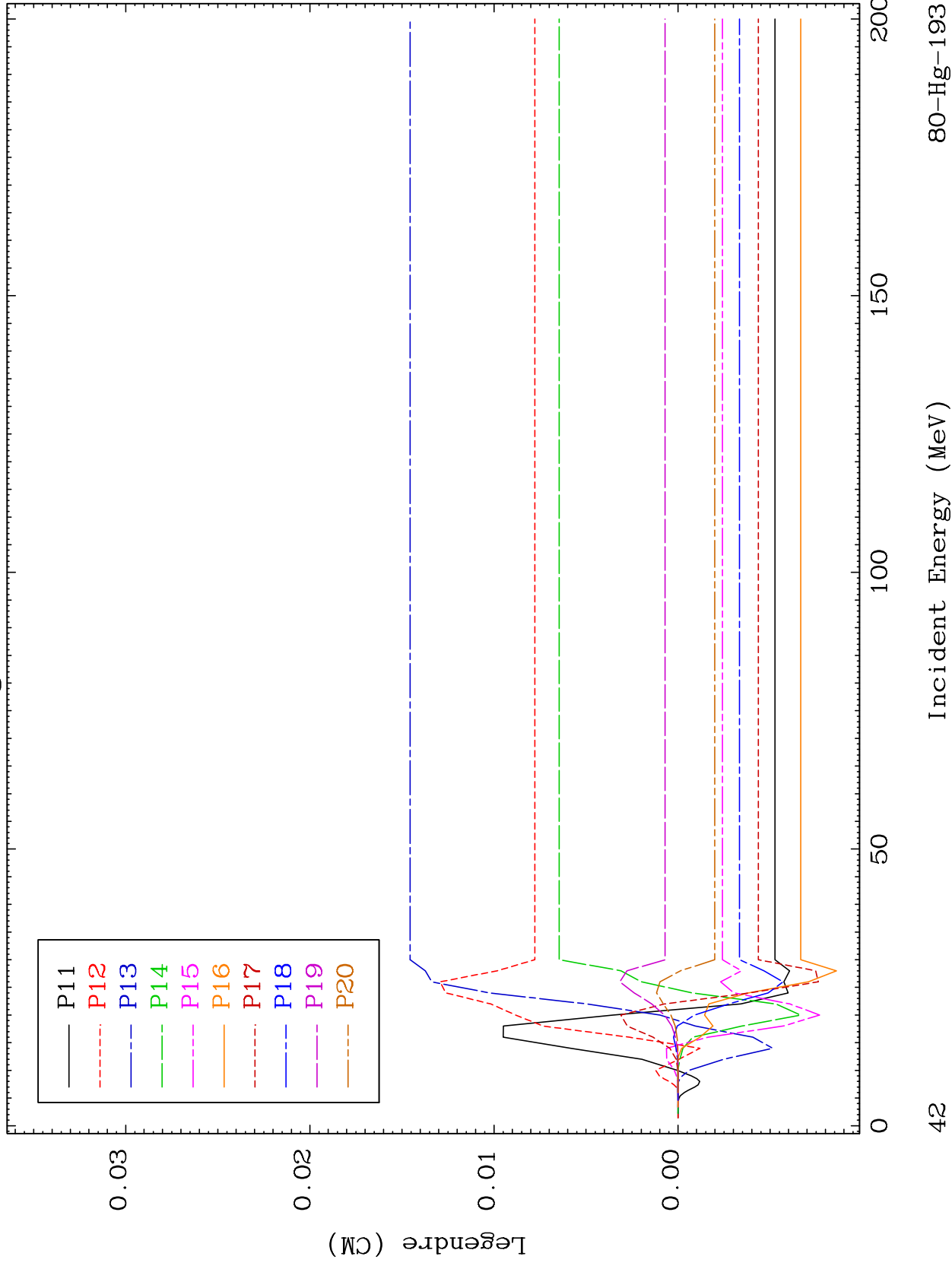
80-Hg-193



MAT 8016

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

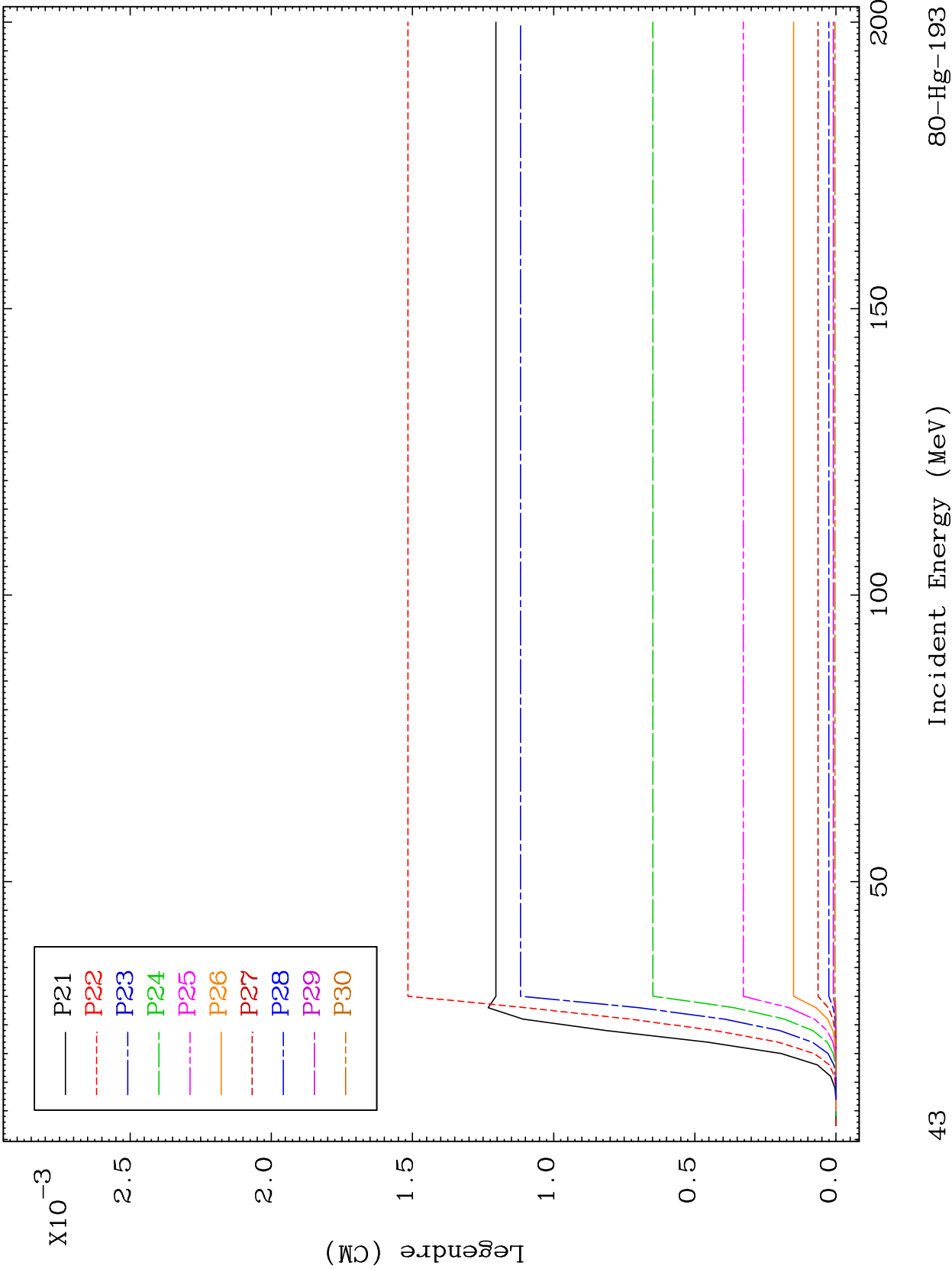
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42

Incident Energy (MeV)

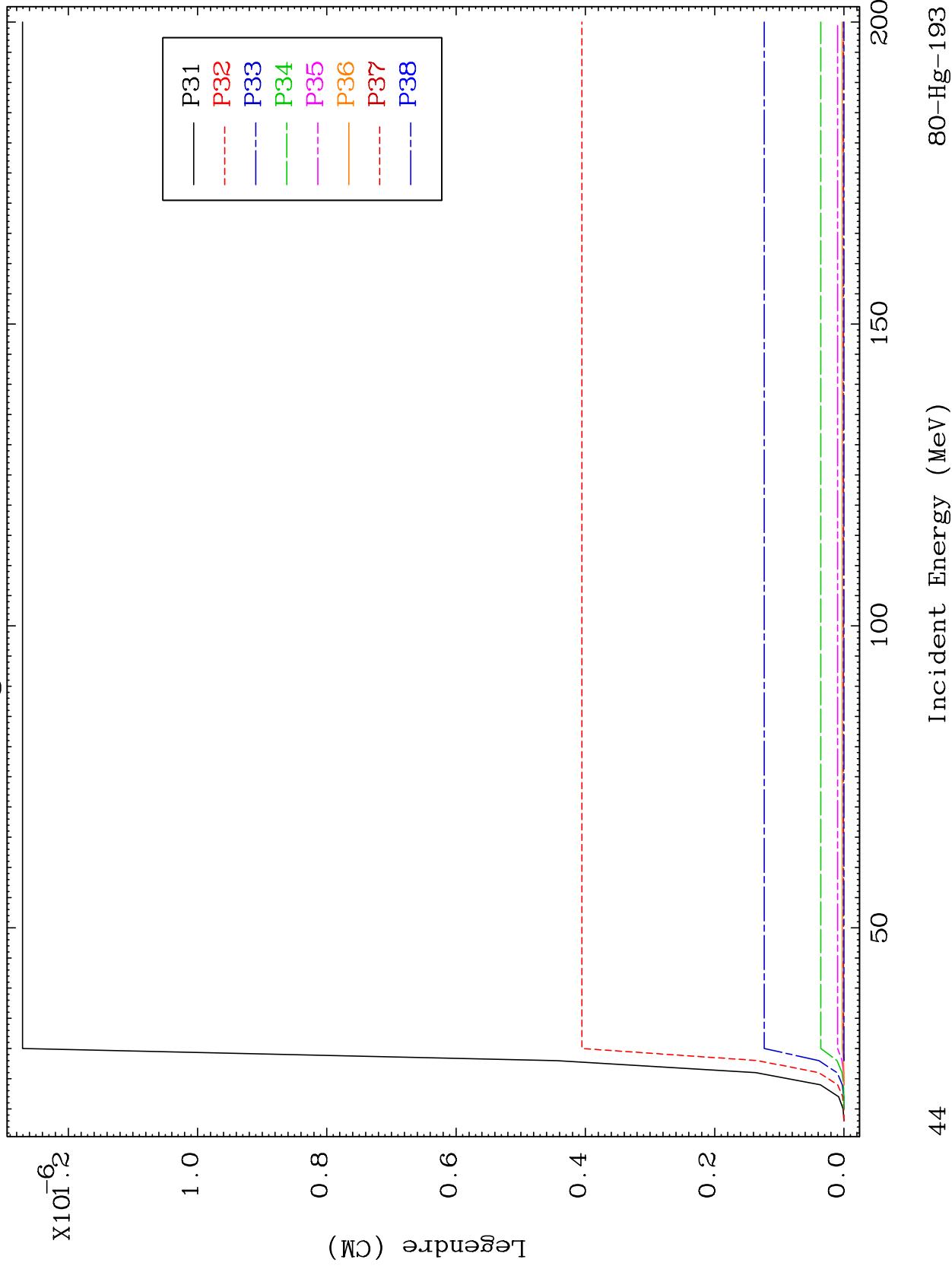
80-Hg-193



MAT 8016

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

80-Hg-193

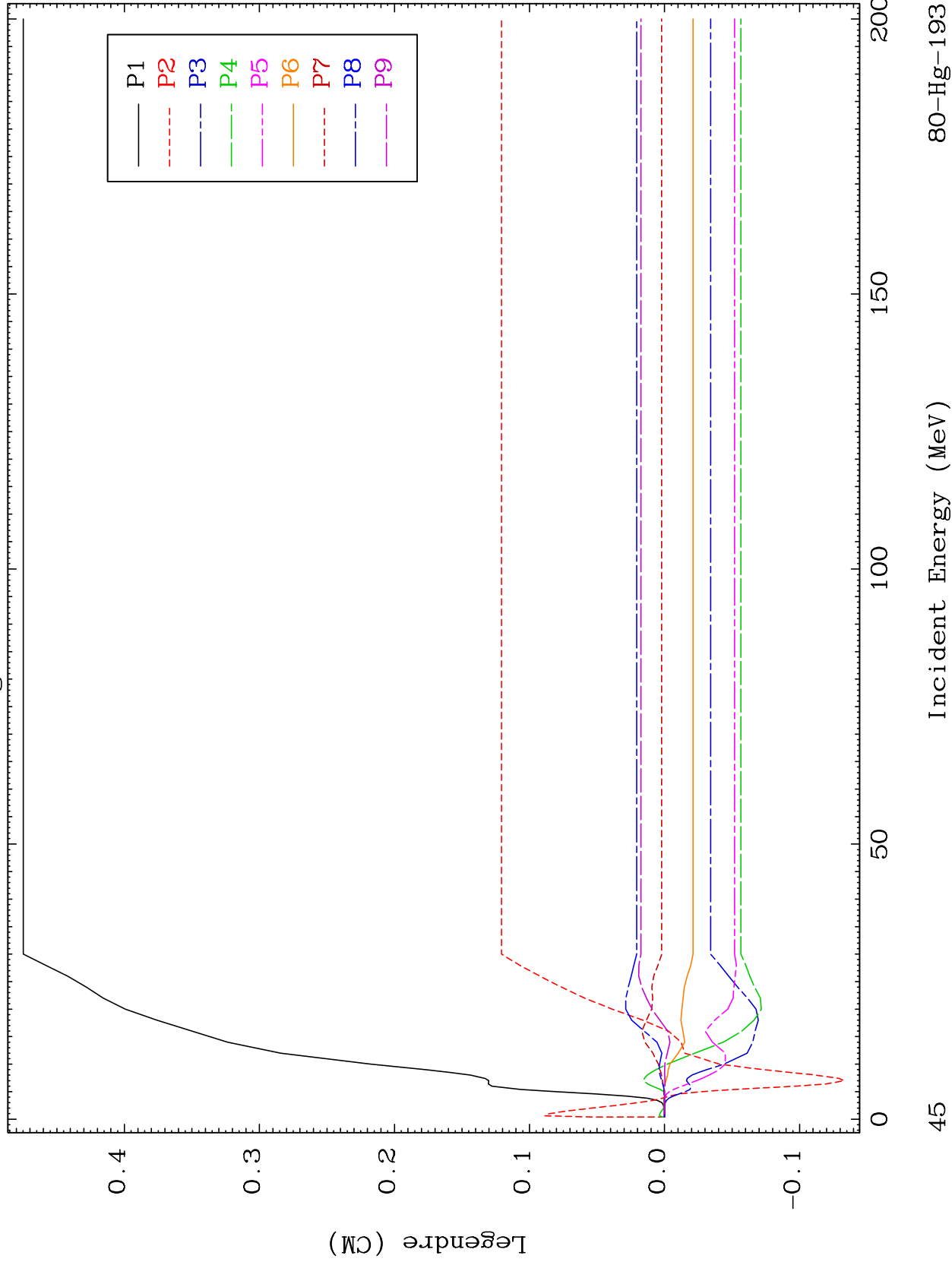


44

MAT 8016

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

80-Hg-193



80-Hg-193

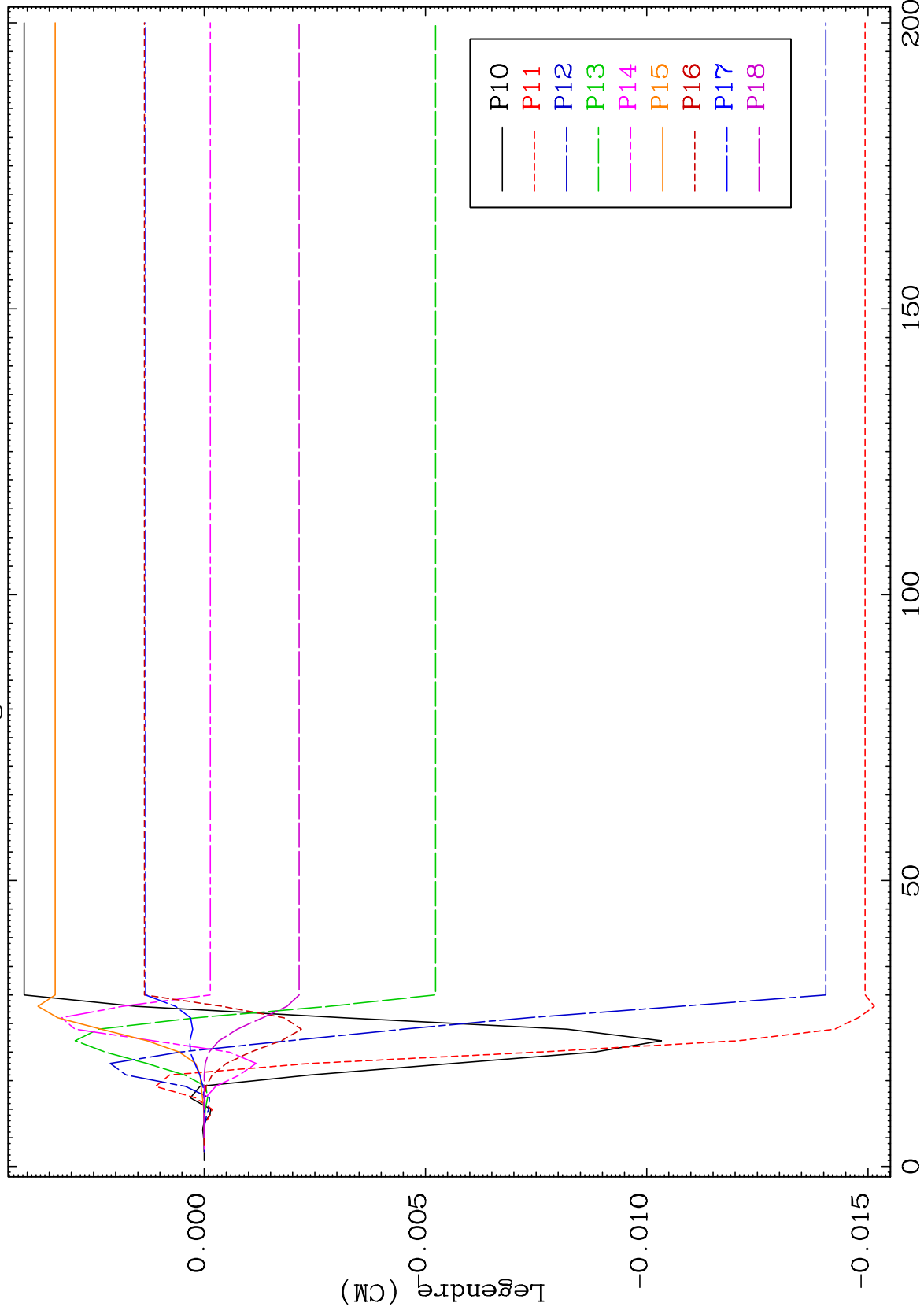
Incident Energy (MeV)

45

MAT 8016

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

80-Hg-193



46

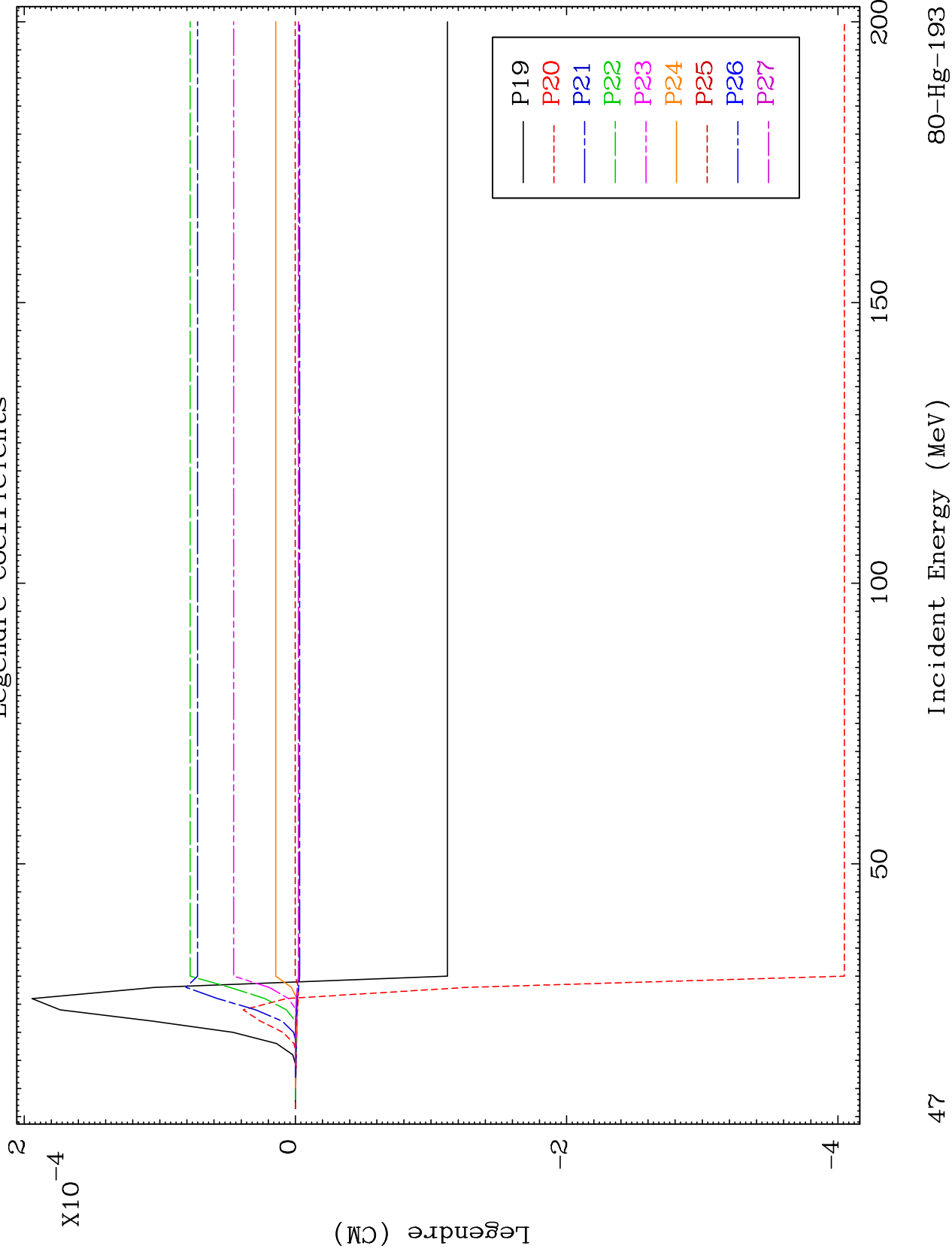
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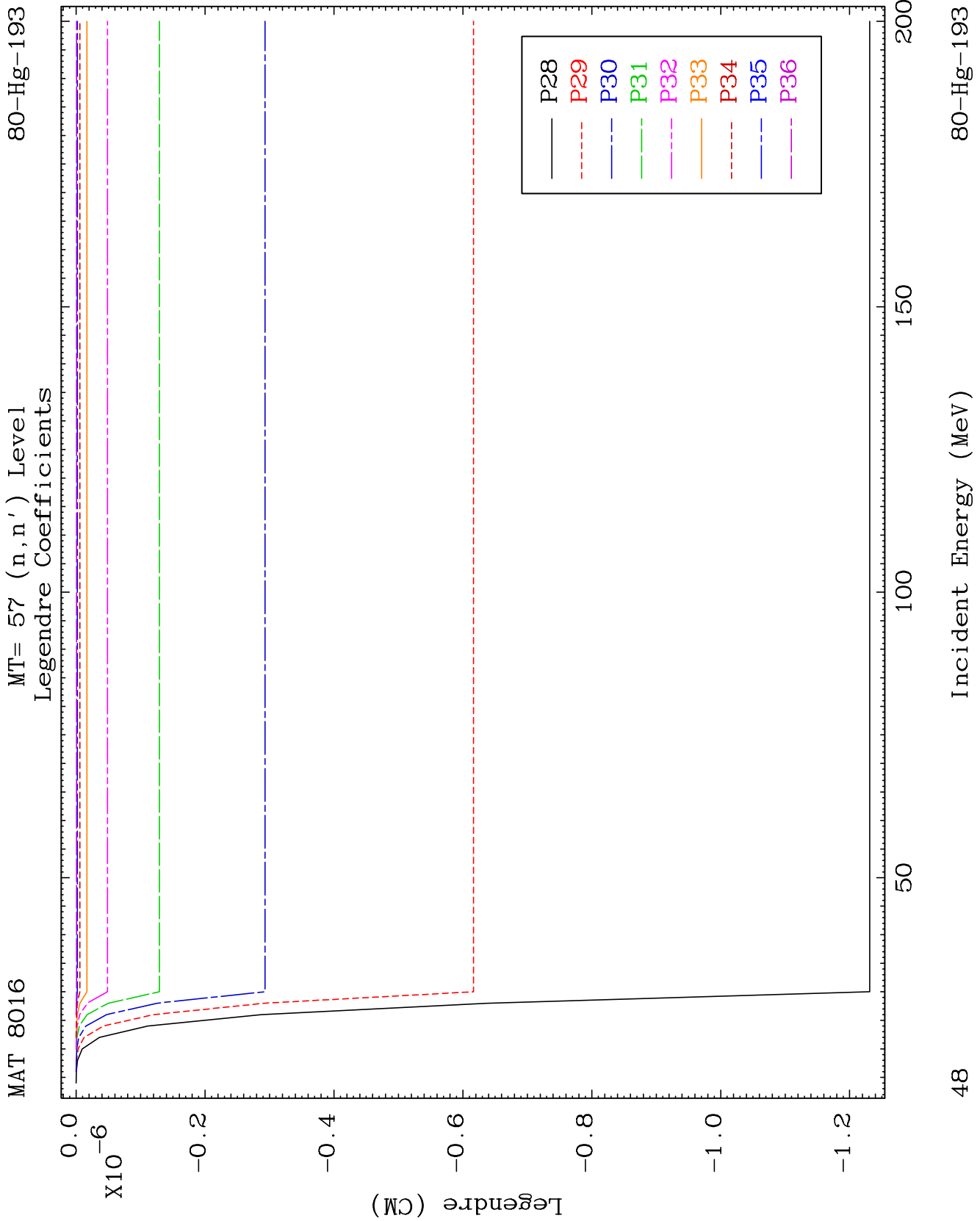
80-Hg-193

MAT 8016

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

80-Hg-193

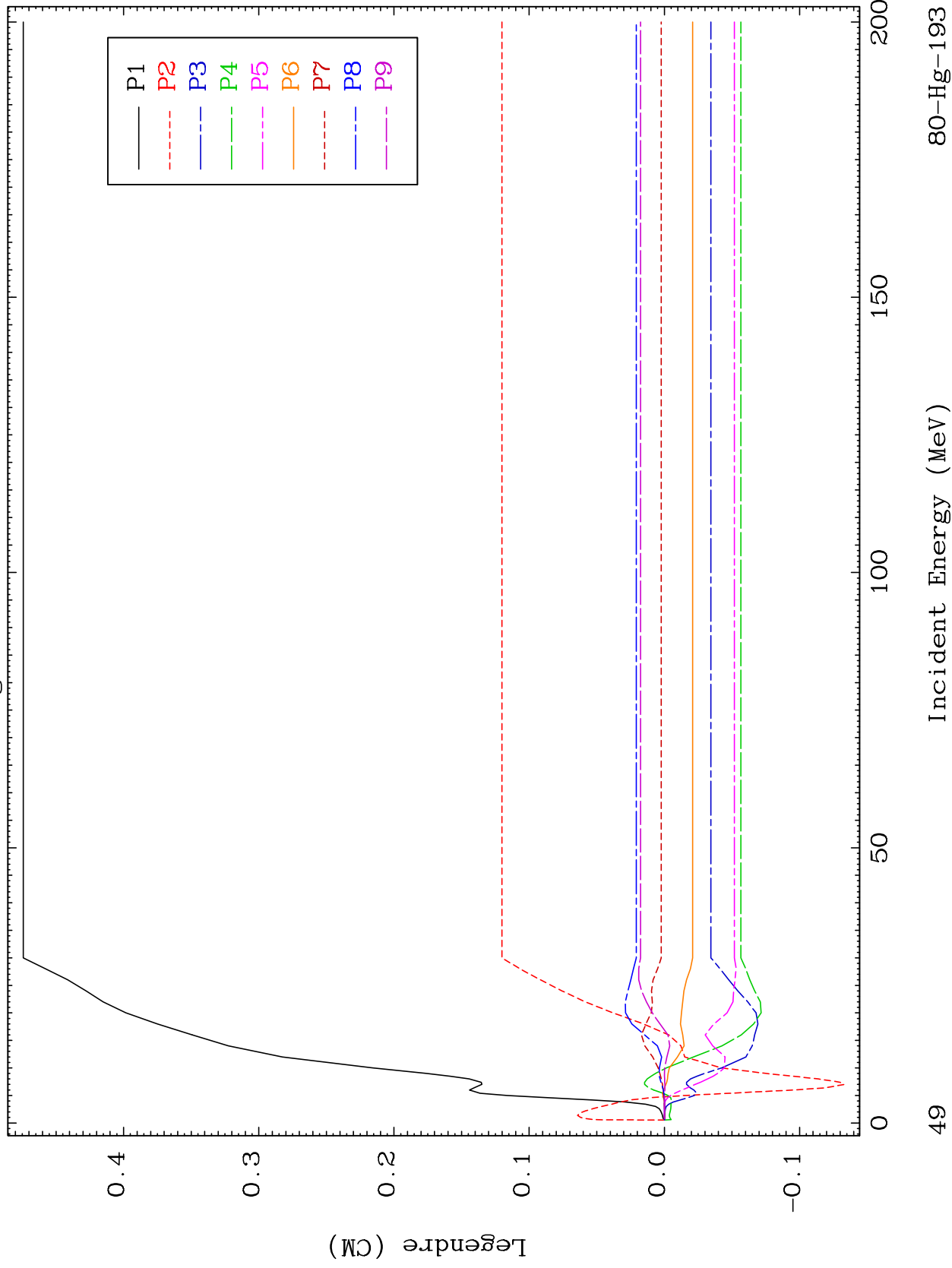




MAT 8016

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

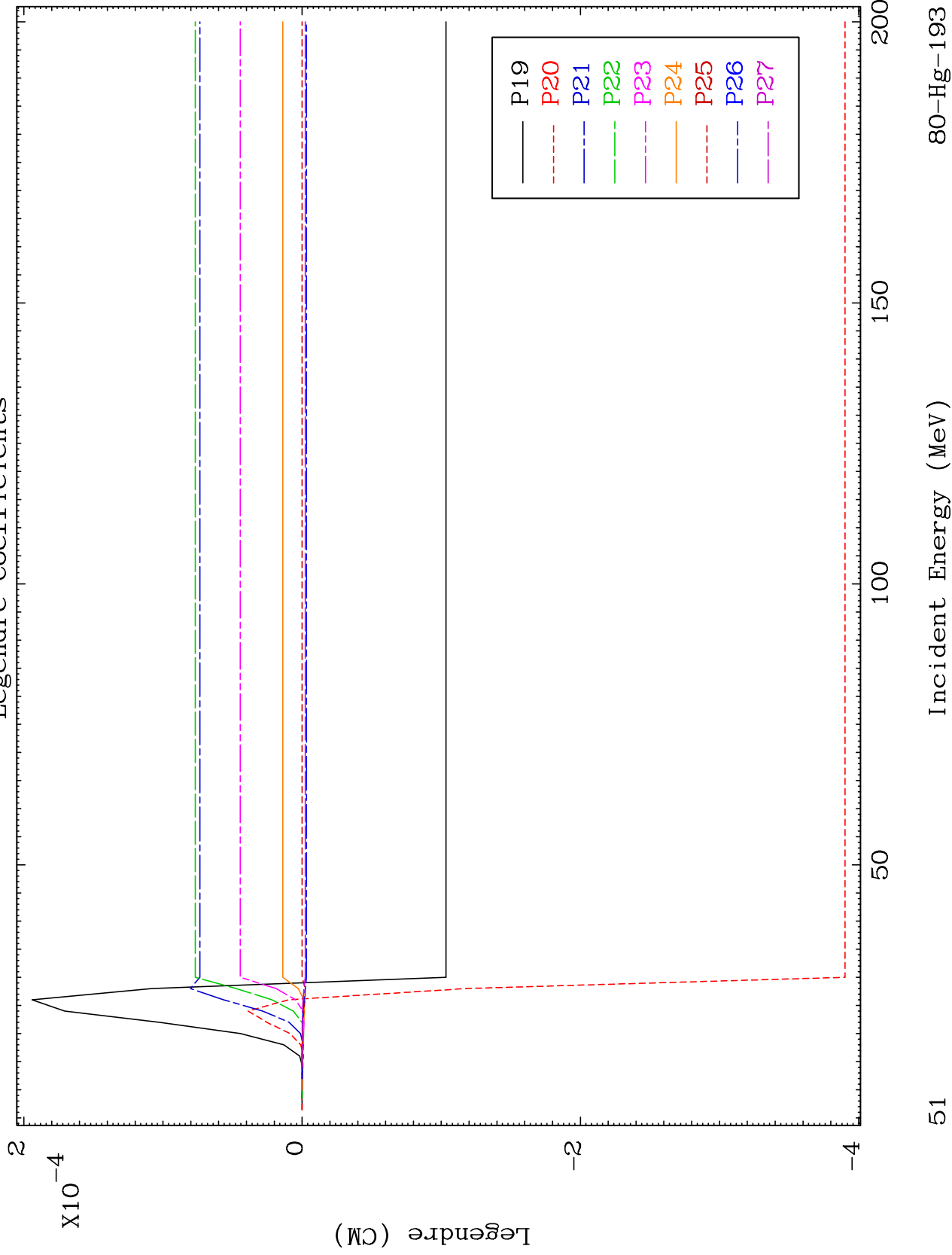
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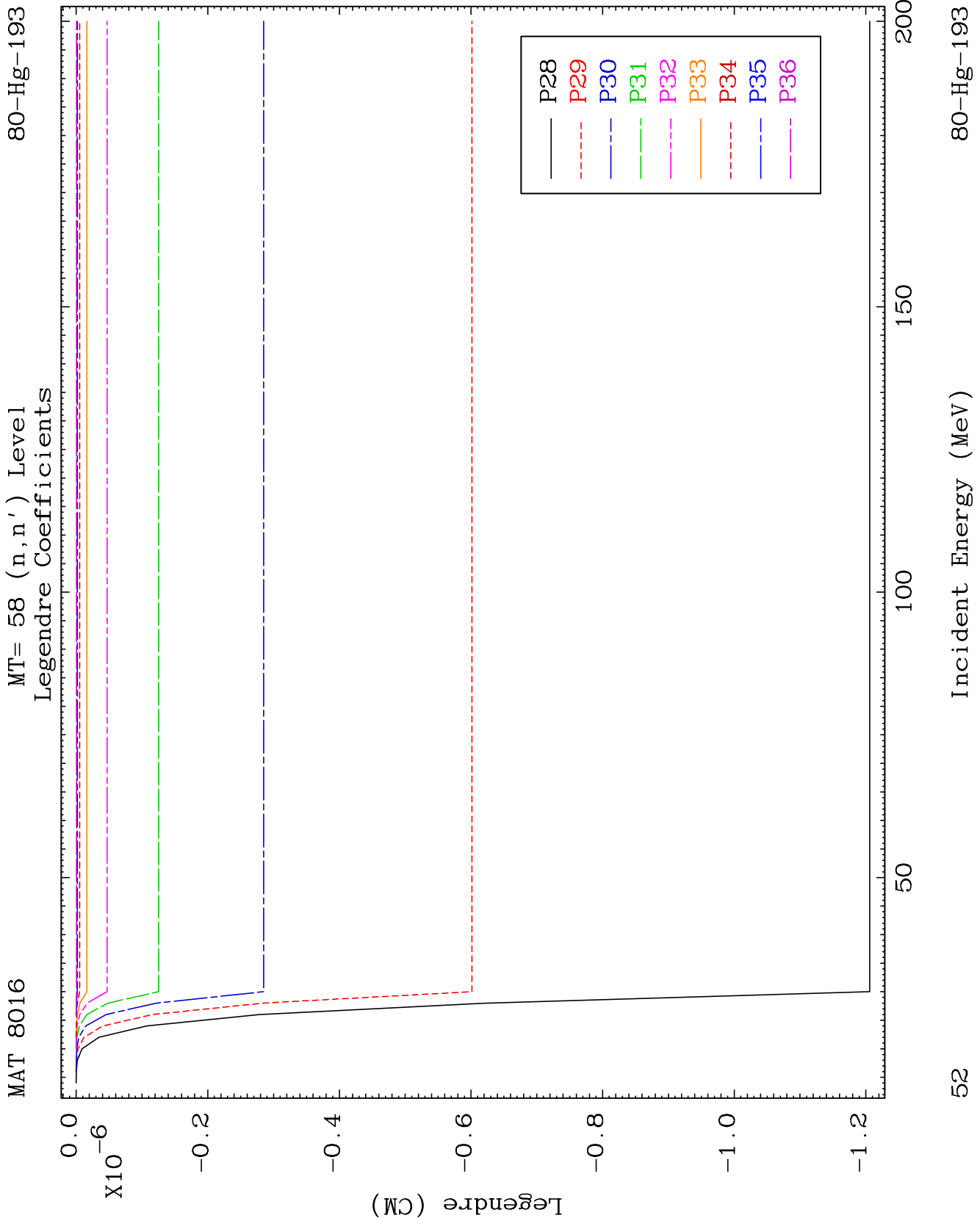


80-Hg-193

Incident Energy (MeV)

49



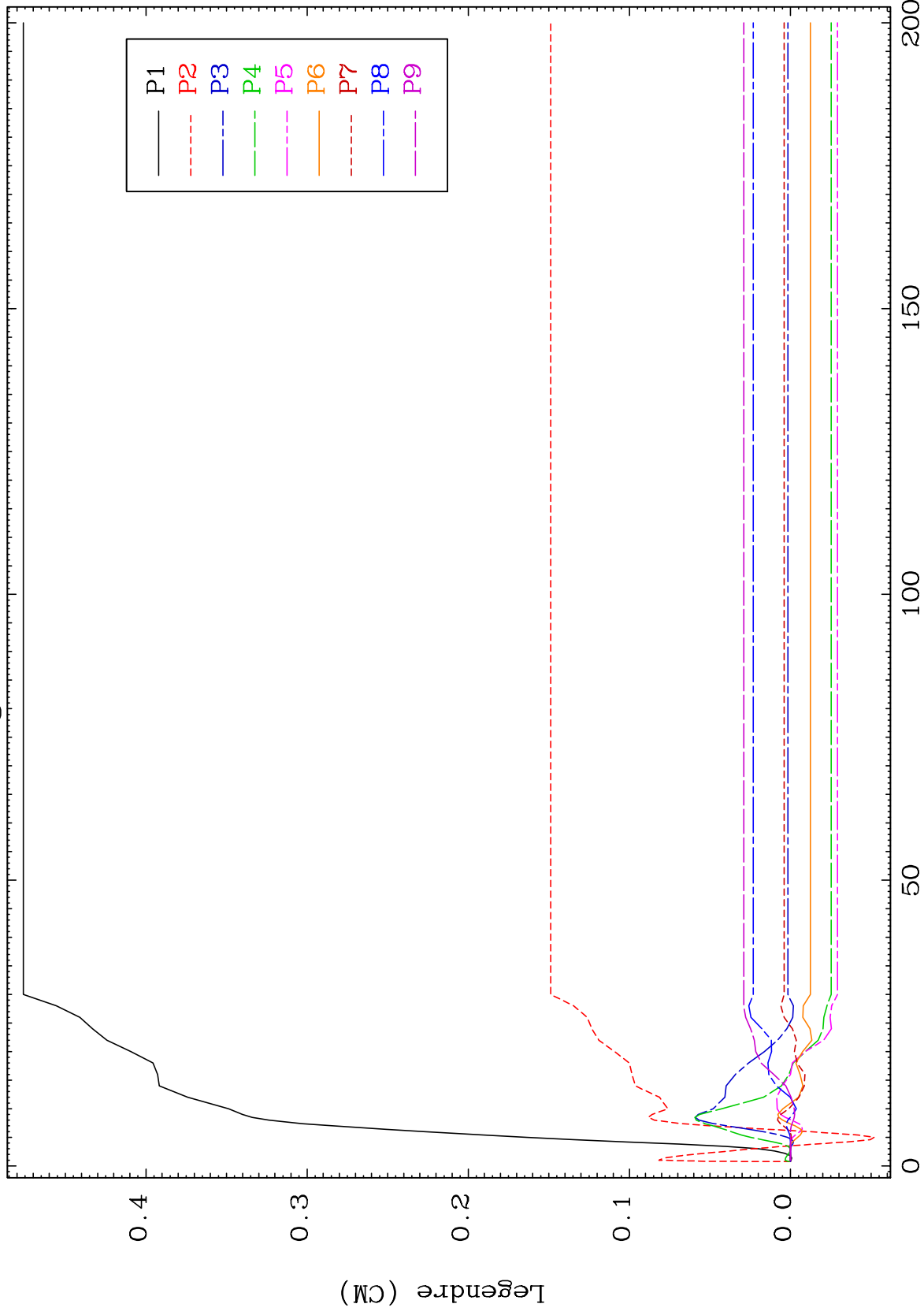


MAT 8016

MT= 59 (n,n') Level

80-Hg-193

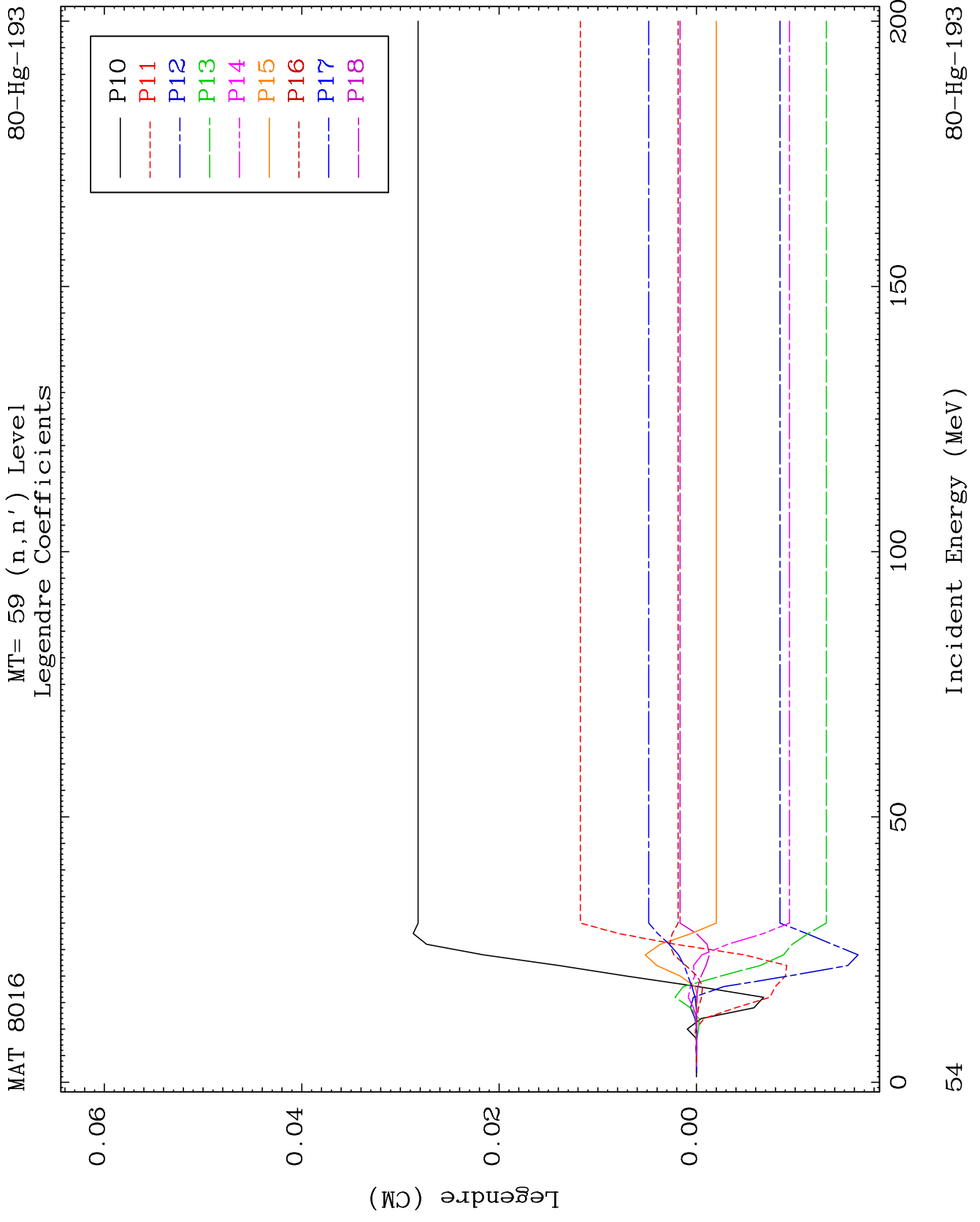
Legendre Coefficients

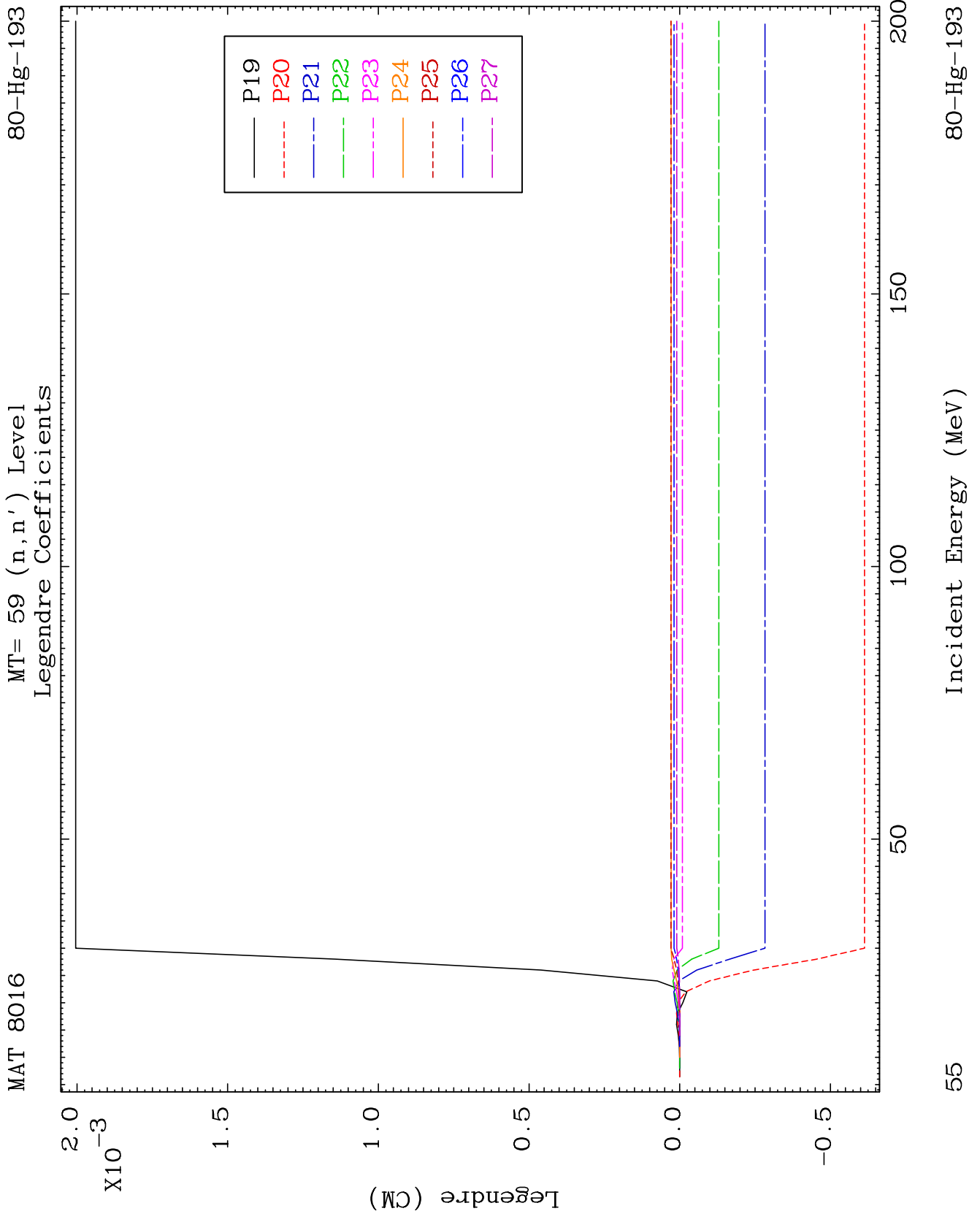


53

Incident Energy (MeV)

80-Hg-193

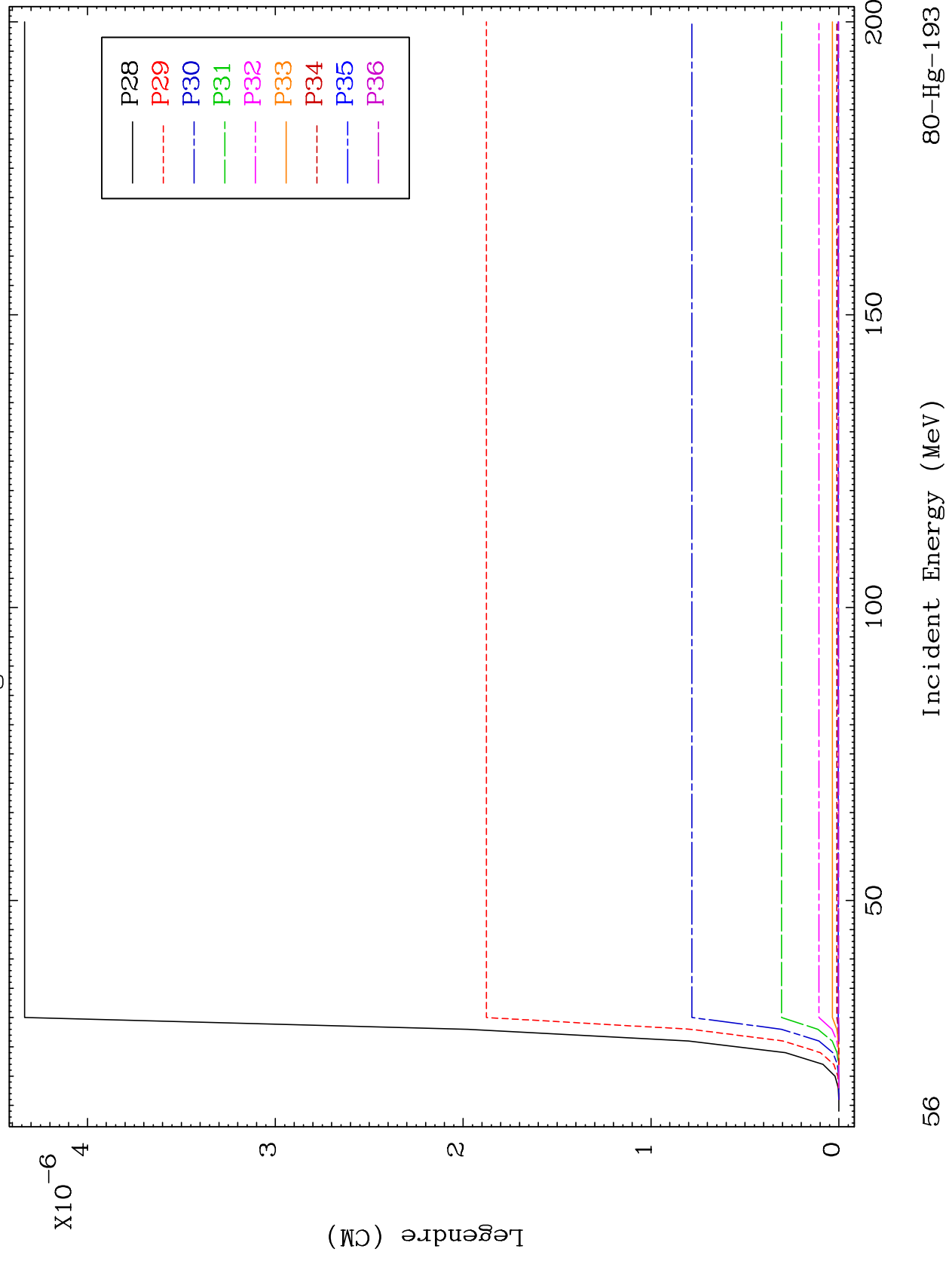




MAT 8016

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

80-Hg-193



56

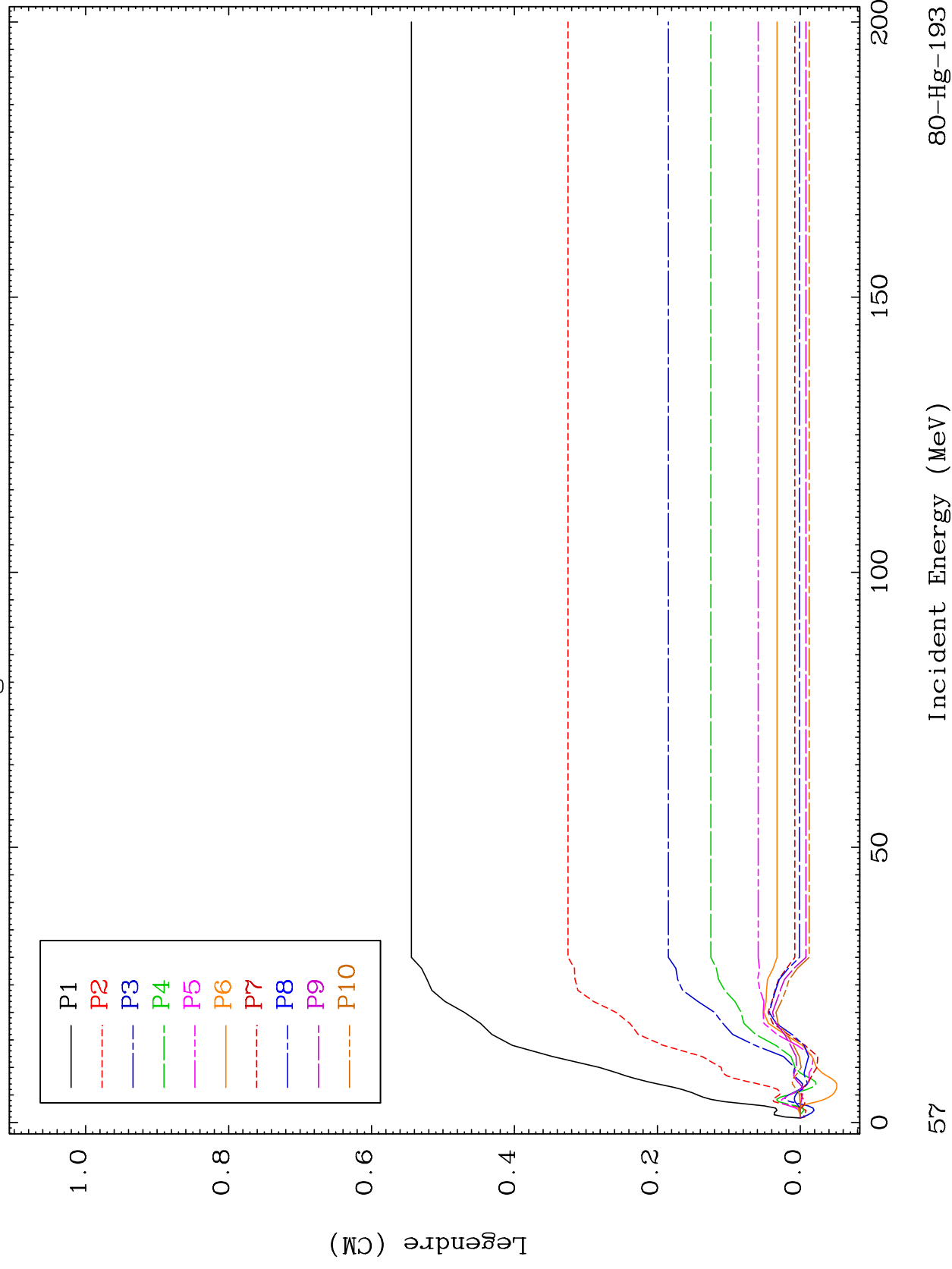
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



57

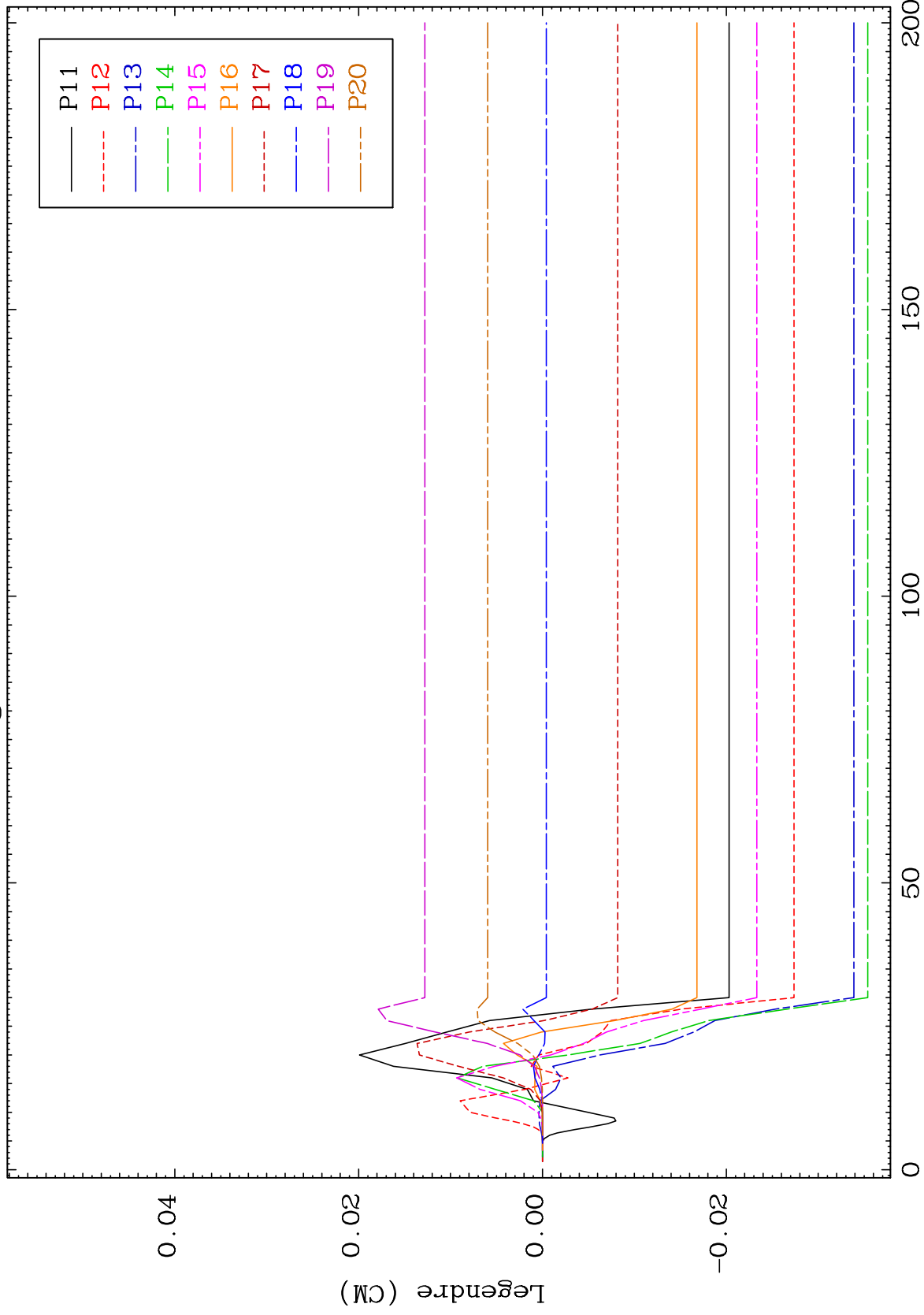
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



58

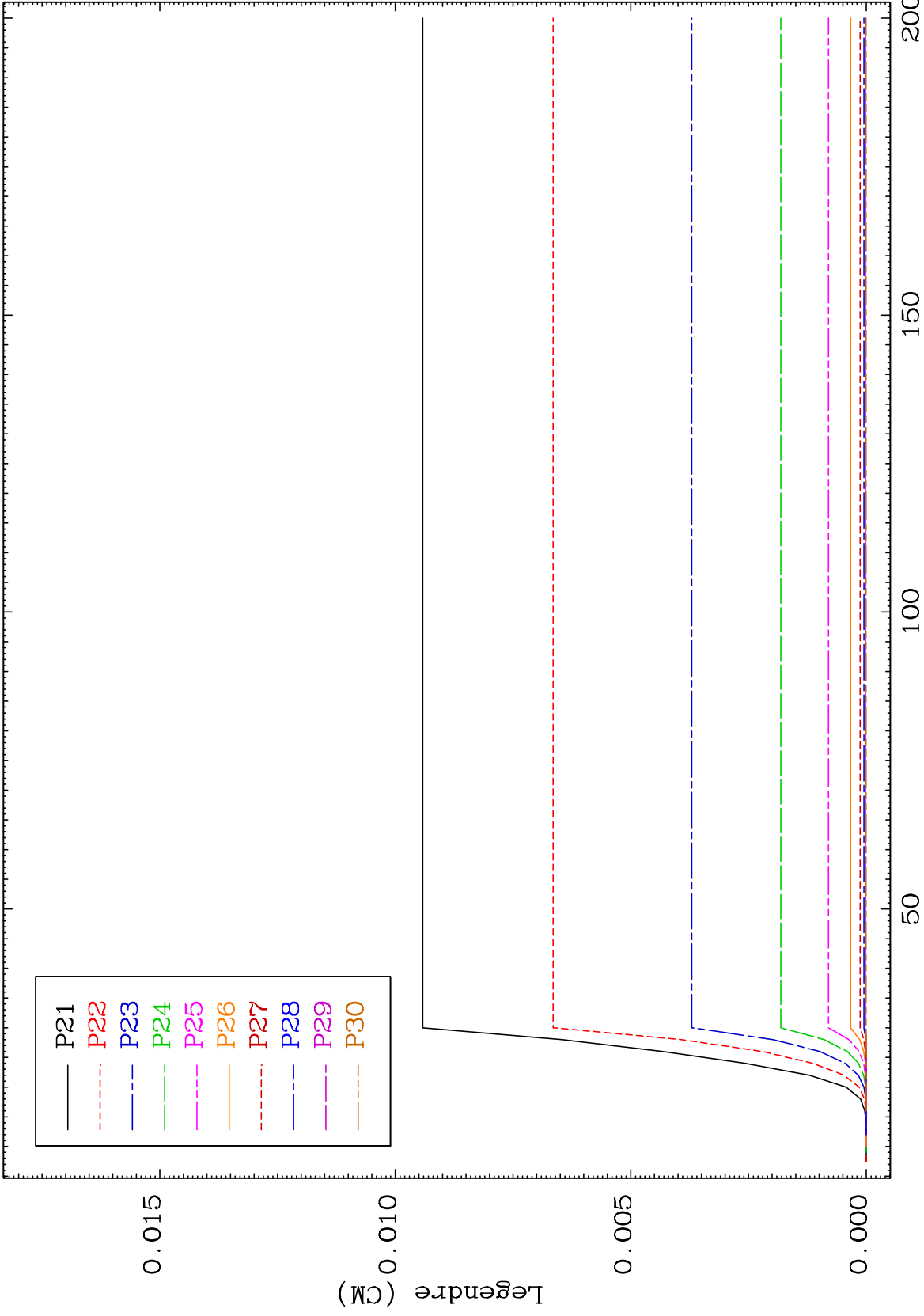
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

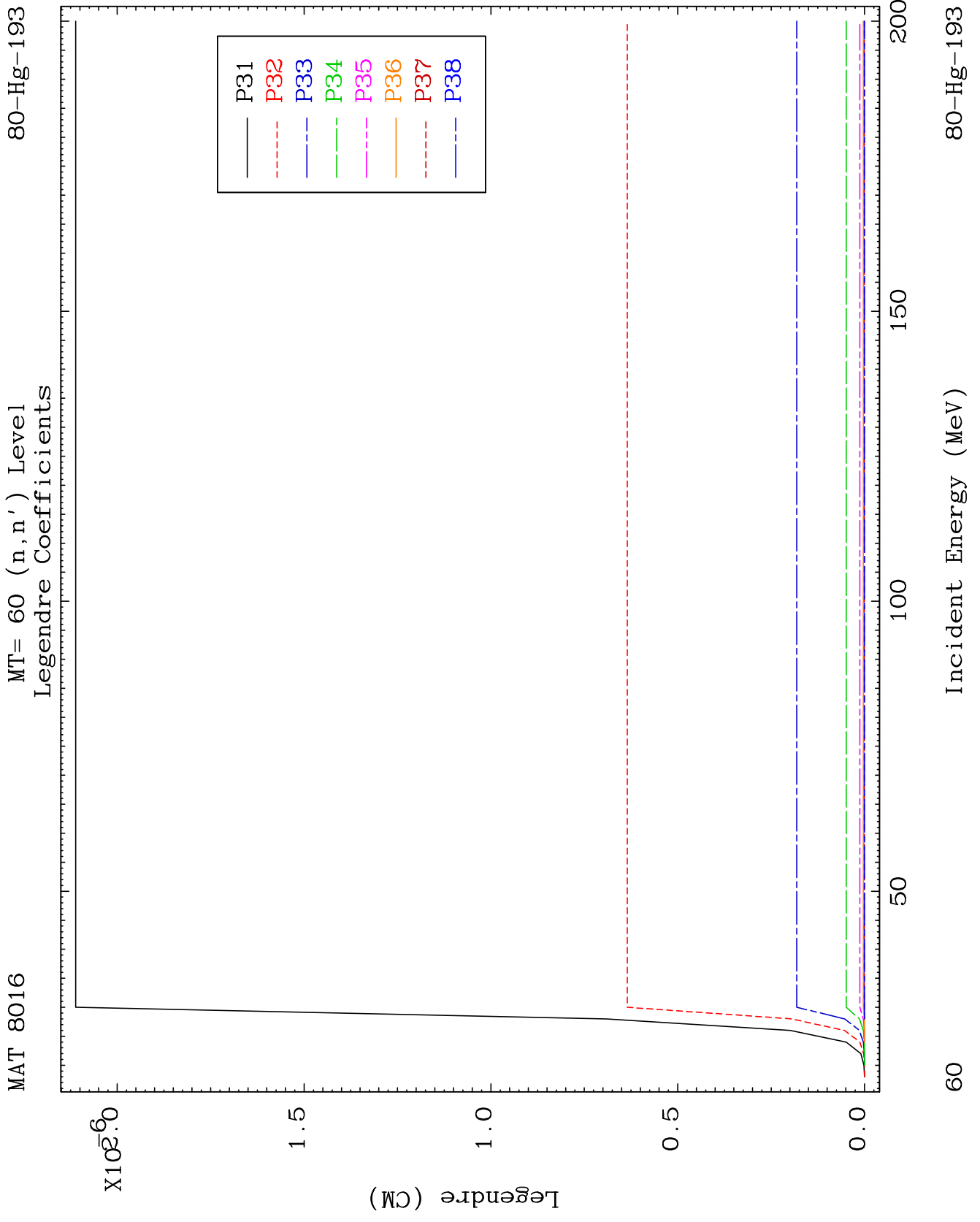
80-Hg-193



59

Incident Energy (MeV)

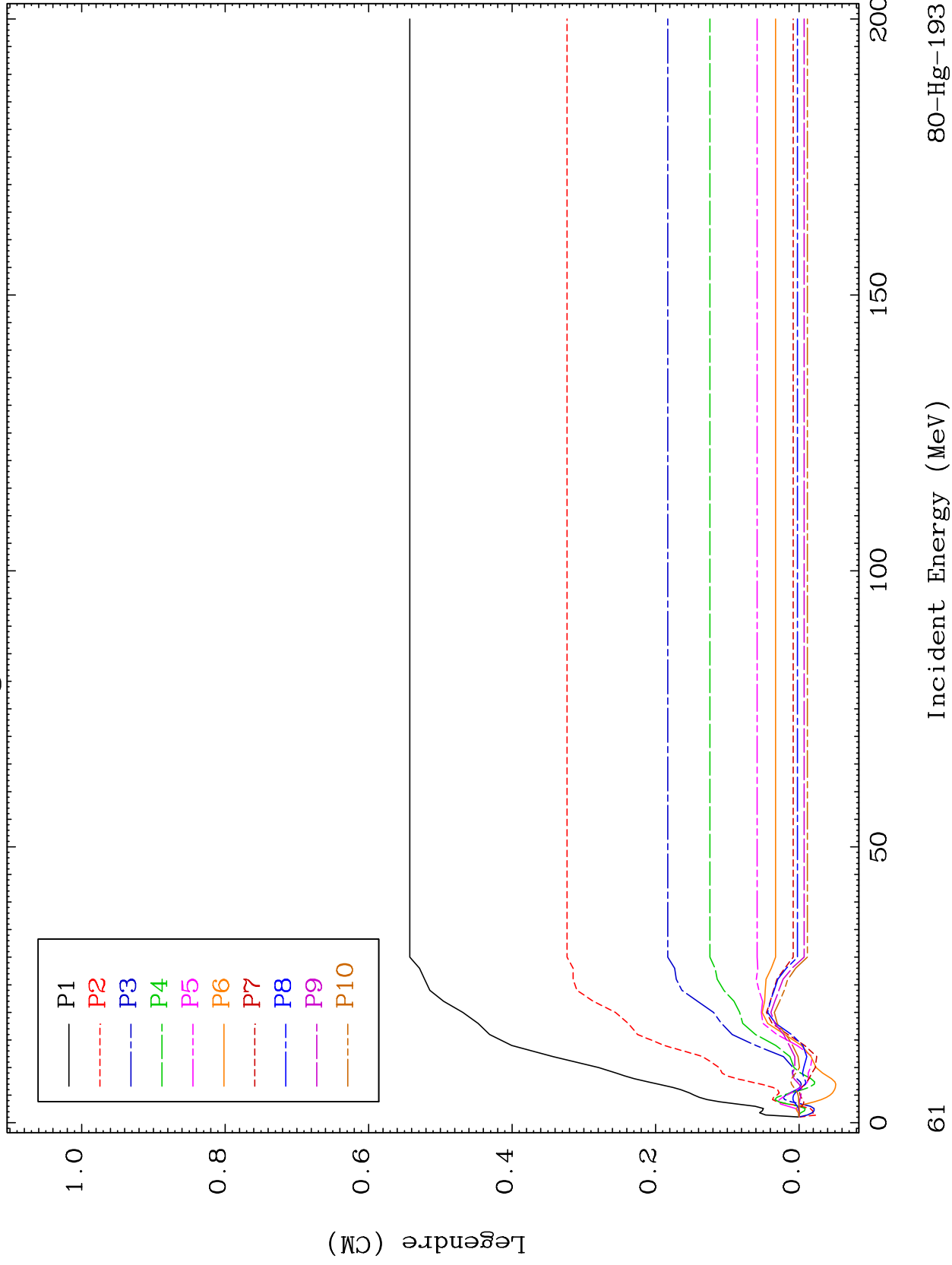
80-Hg-193



MAT 8016

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

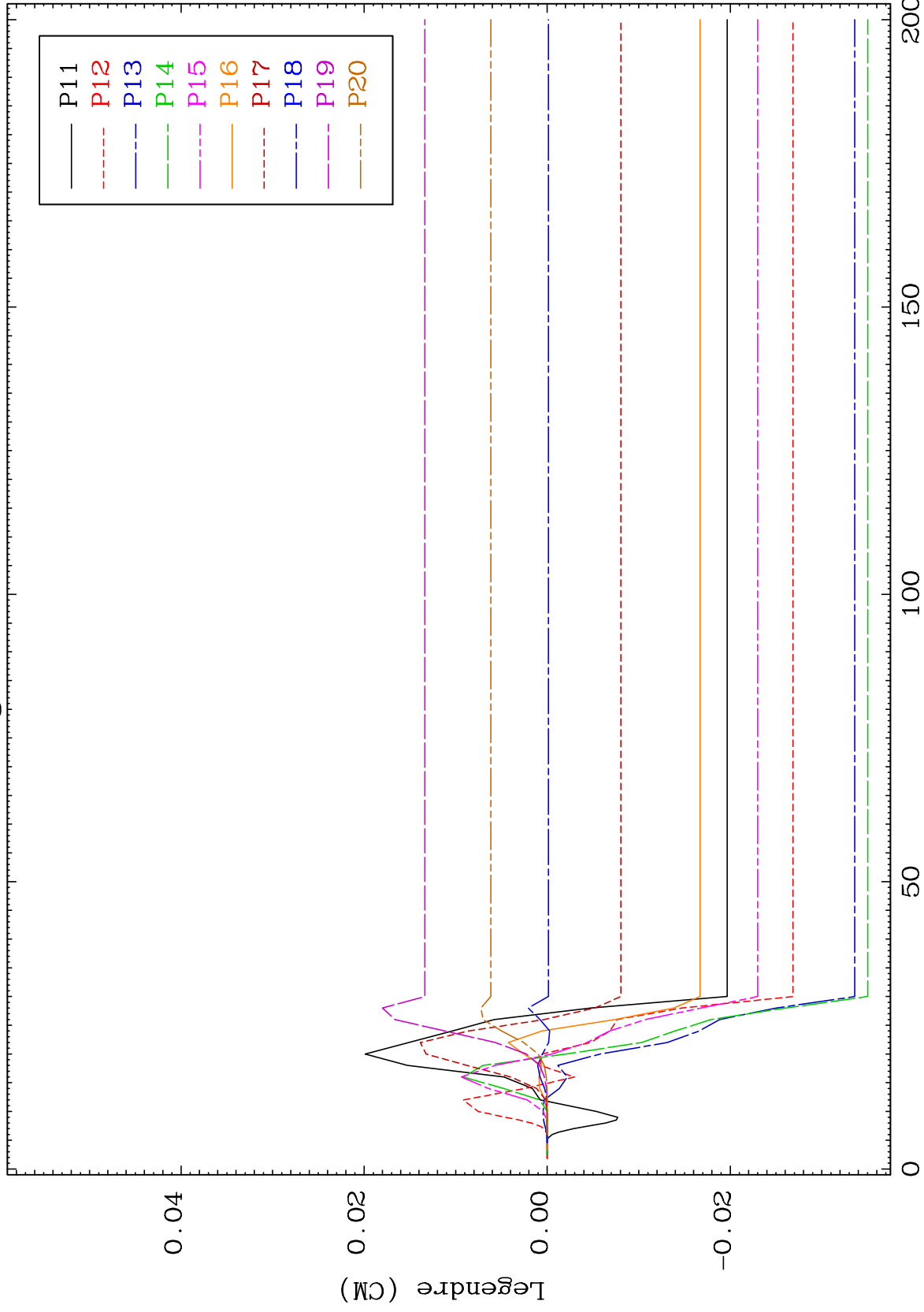
80-Hg-193



MAT 8016

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

80-Hg-193



80-Hg-193

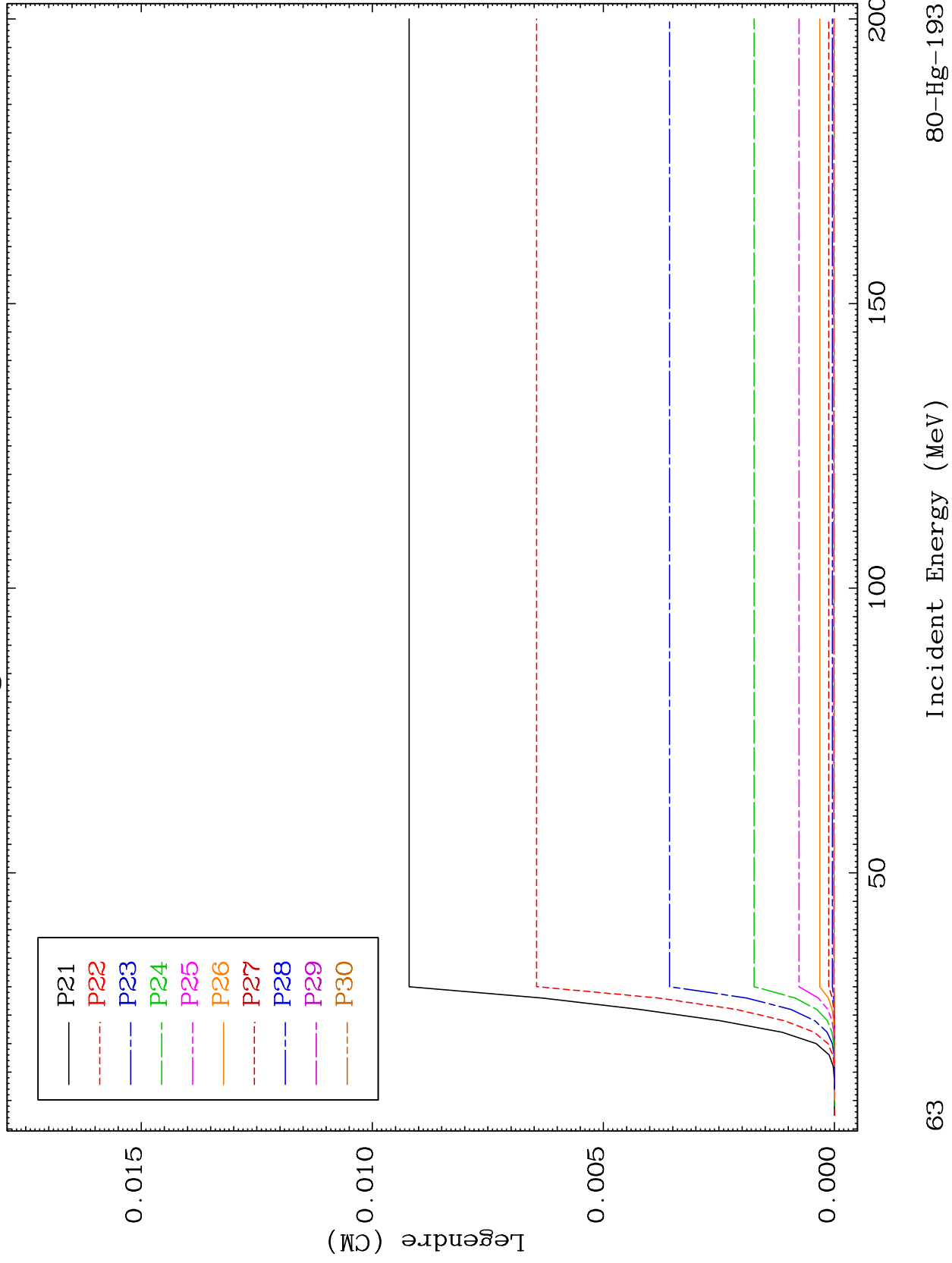
Incident Energy (MeV)

62

MAT 8016

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

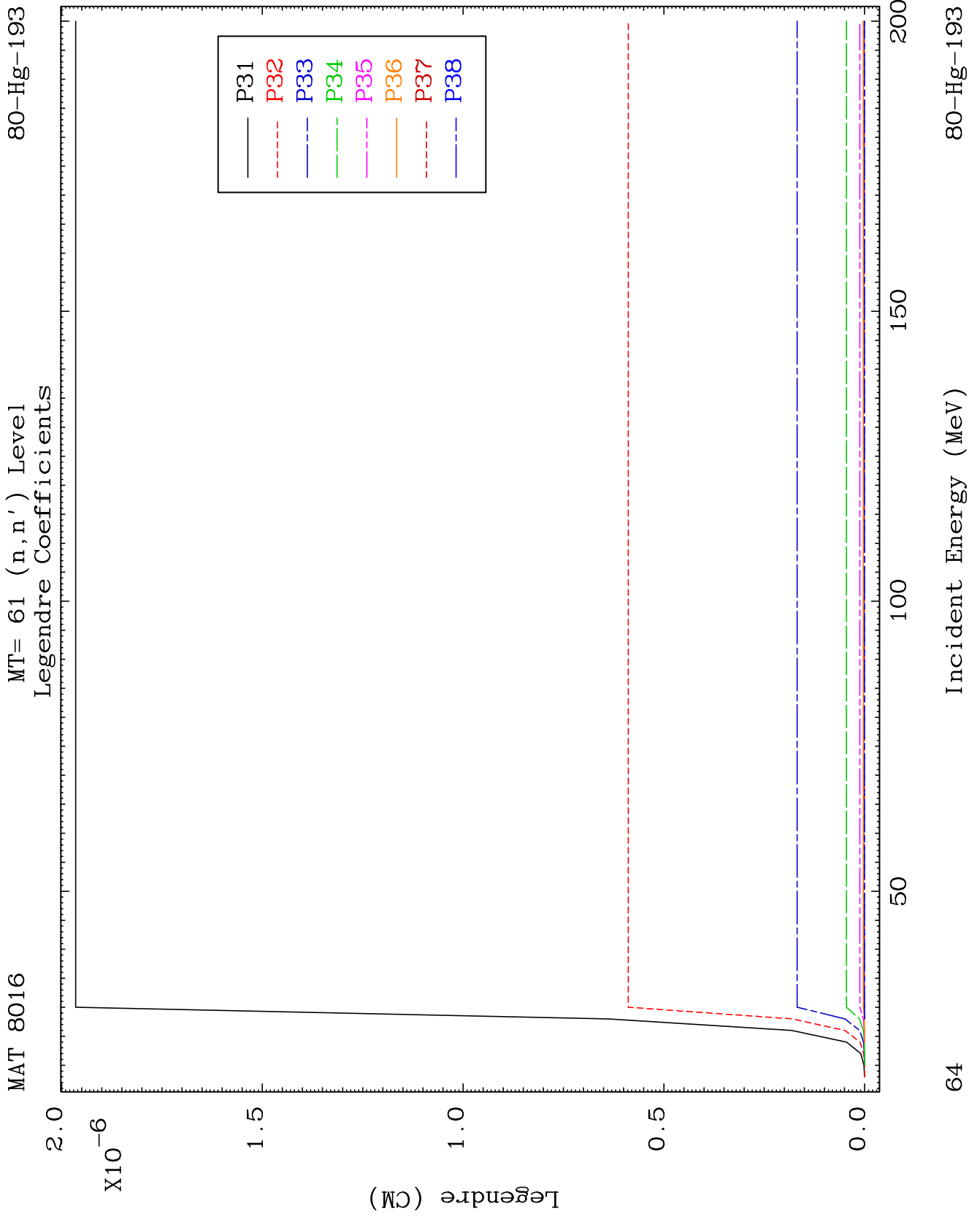
80-Hg-193



63

Incident Energy (MeV)

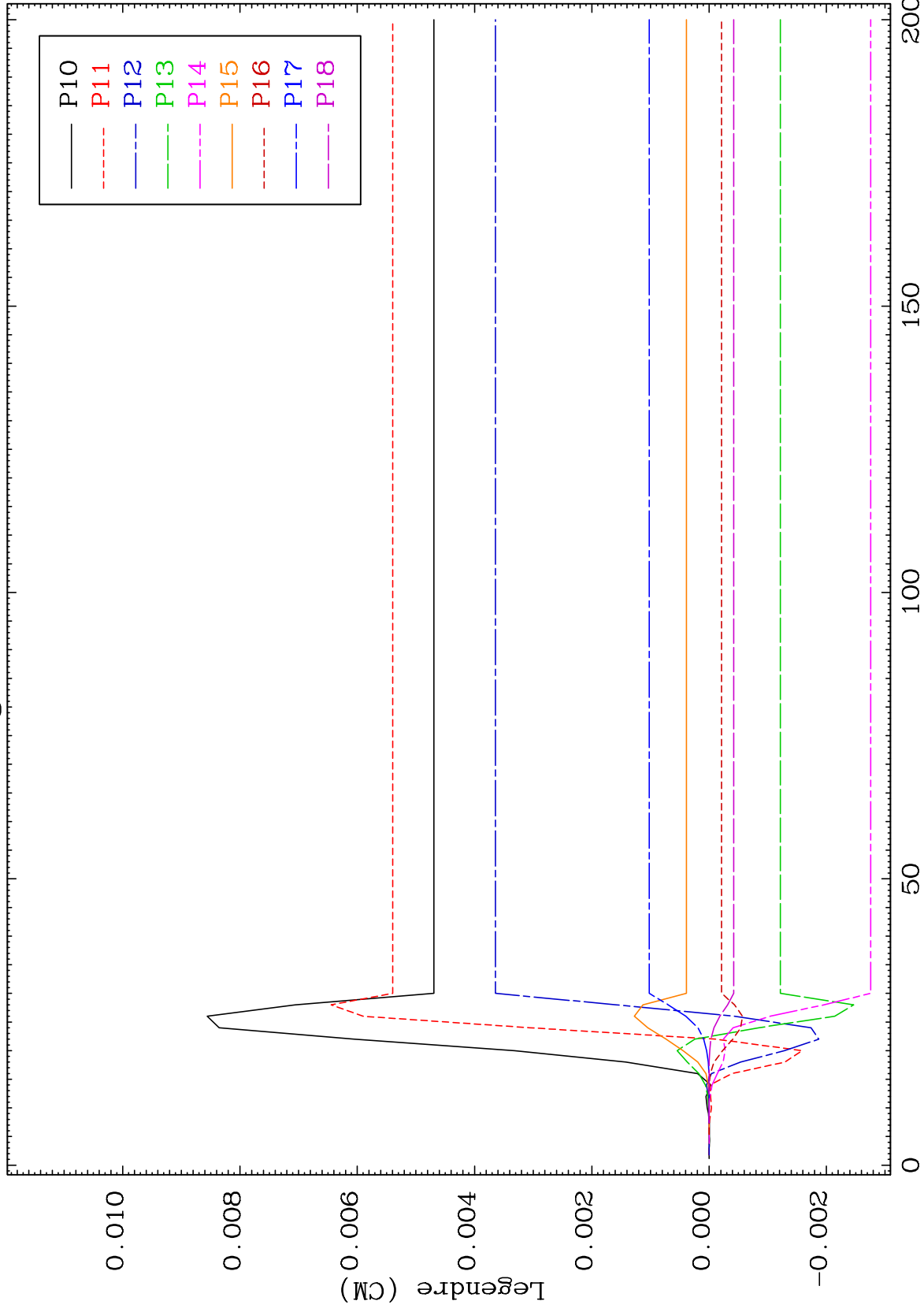
80-Hg-193



MAT 8016

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

80-Hg-193



66

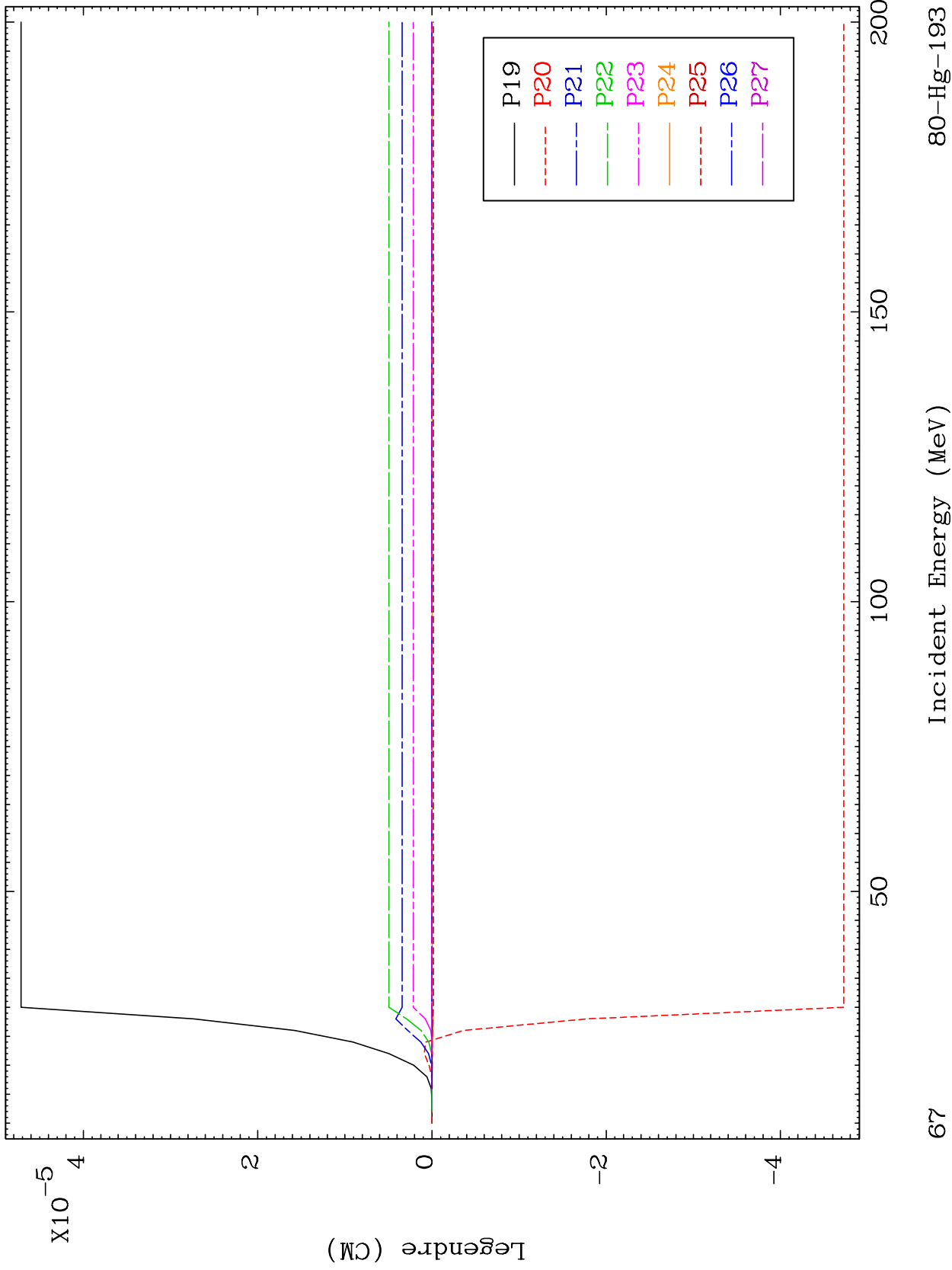
Incident Energy (MeV)

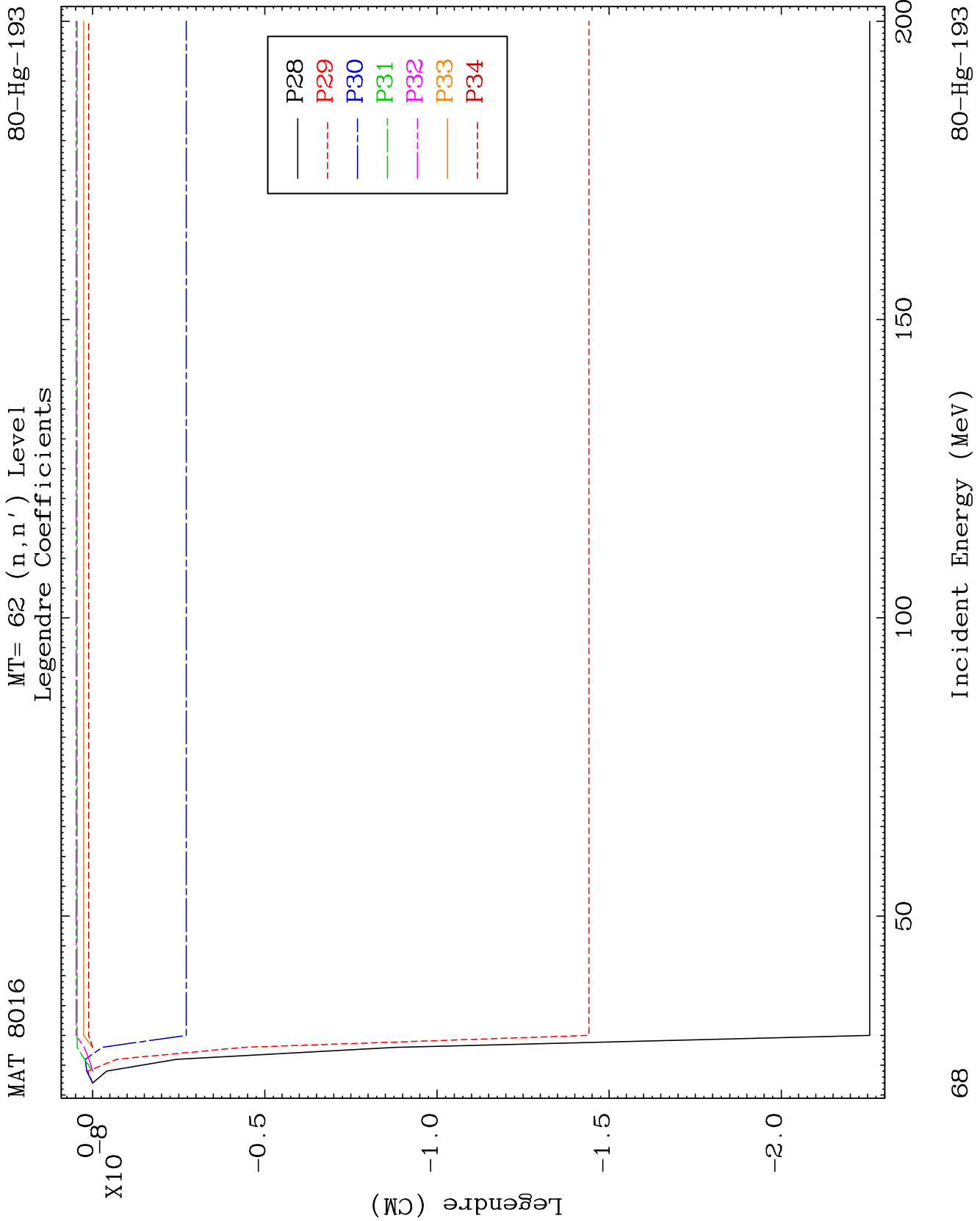
80-Hg-193

MAT 8016

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

80-Hg-193

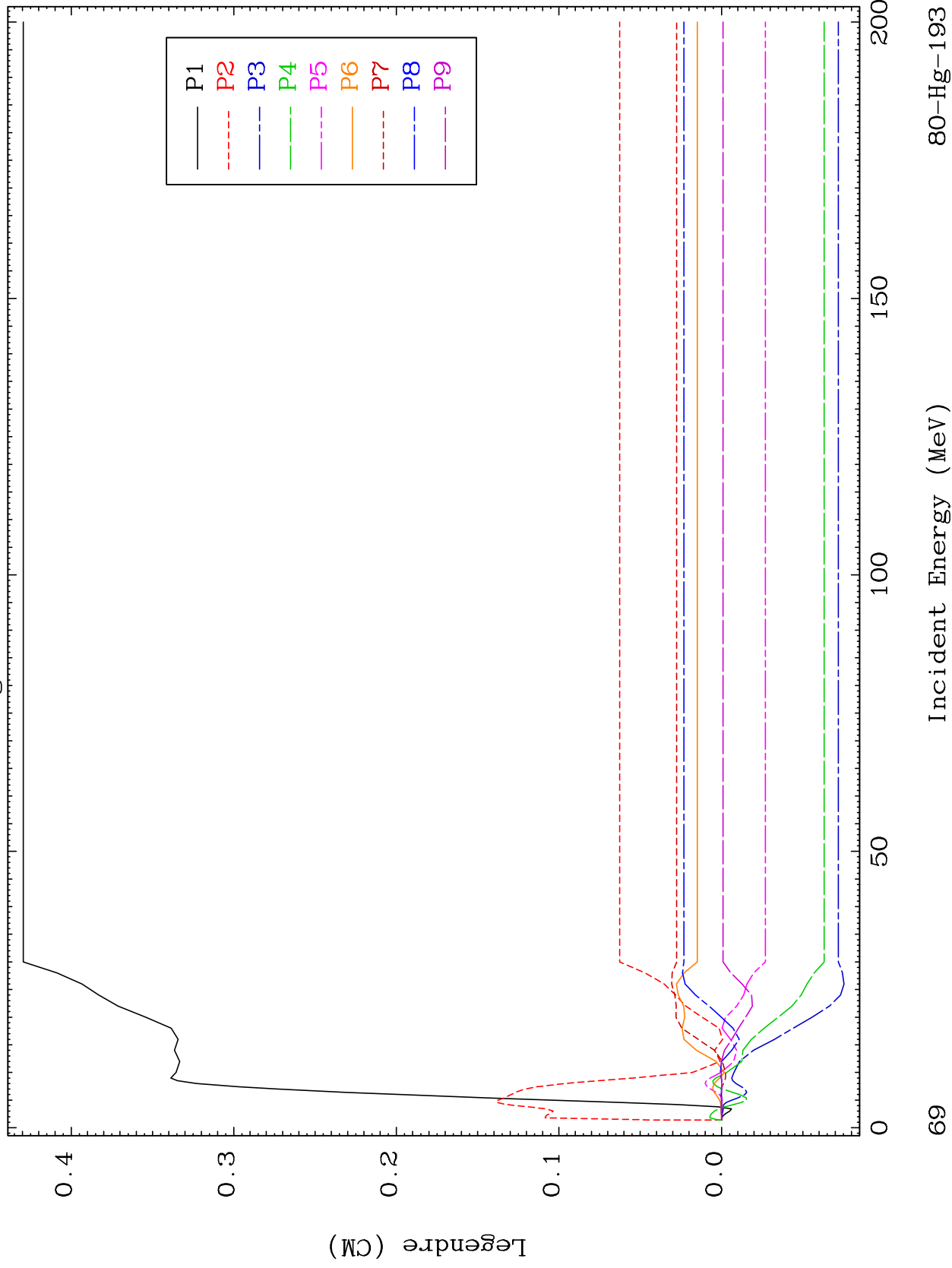




MAT 8016

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

80-Hg-193



80-Hg-193

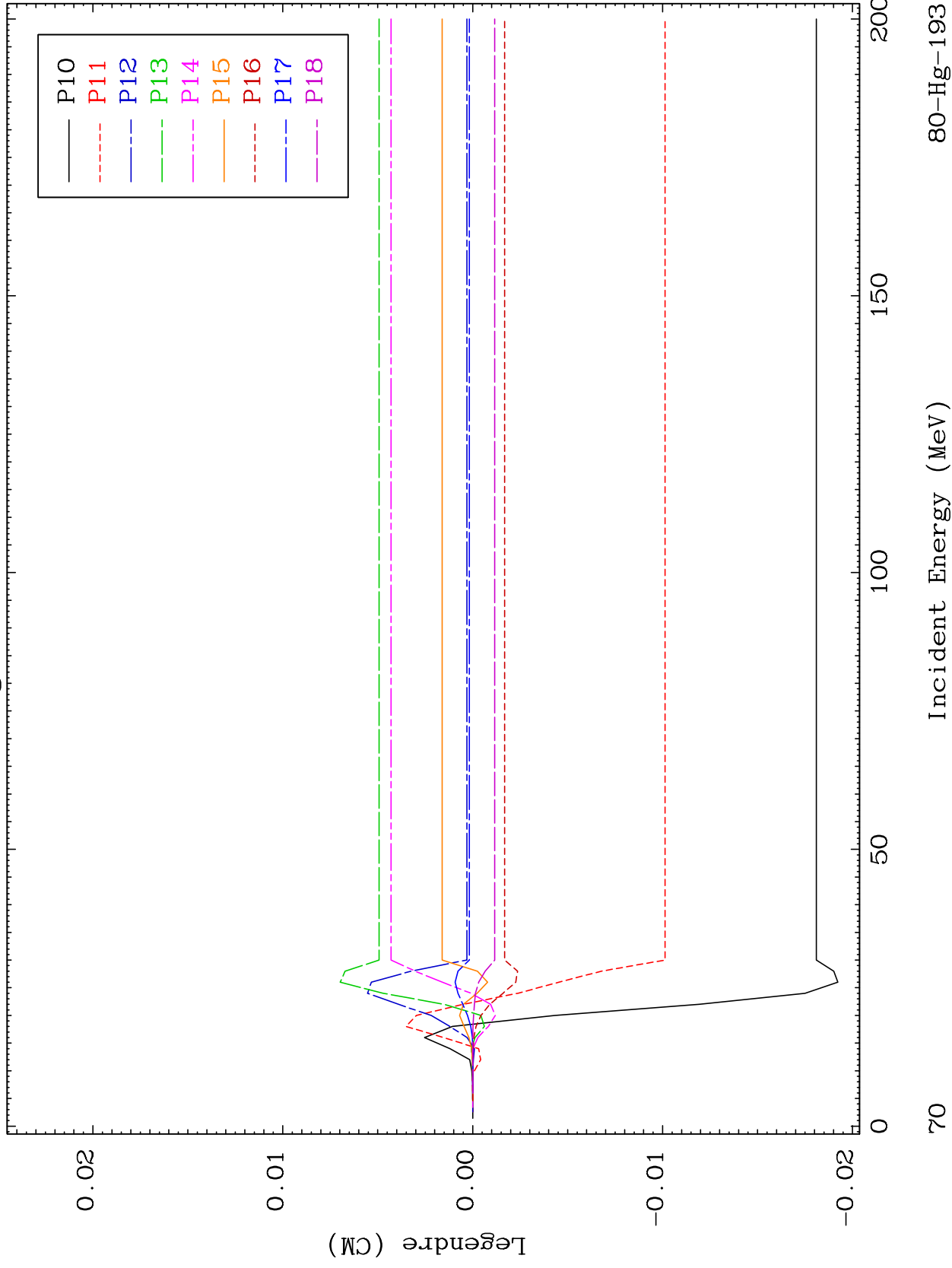
Incident Energy (MeV)

69

MAT 8016

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

80-Hg-193



80-Hg-193

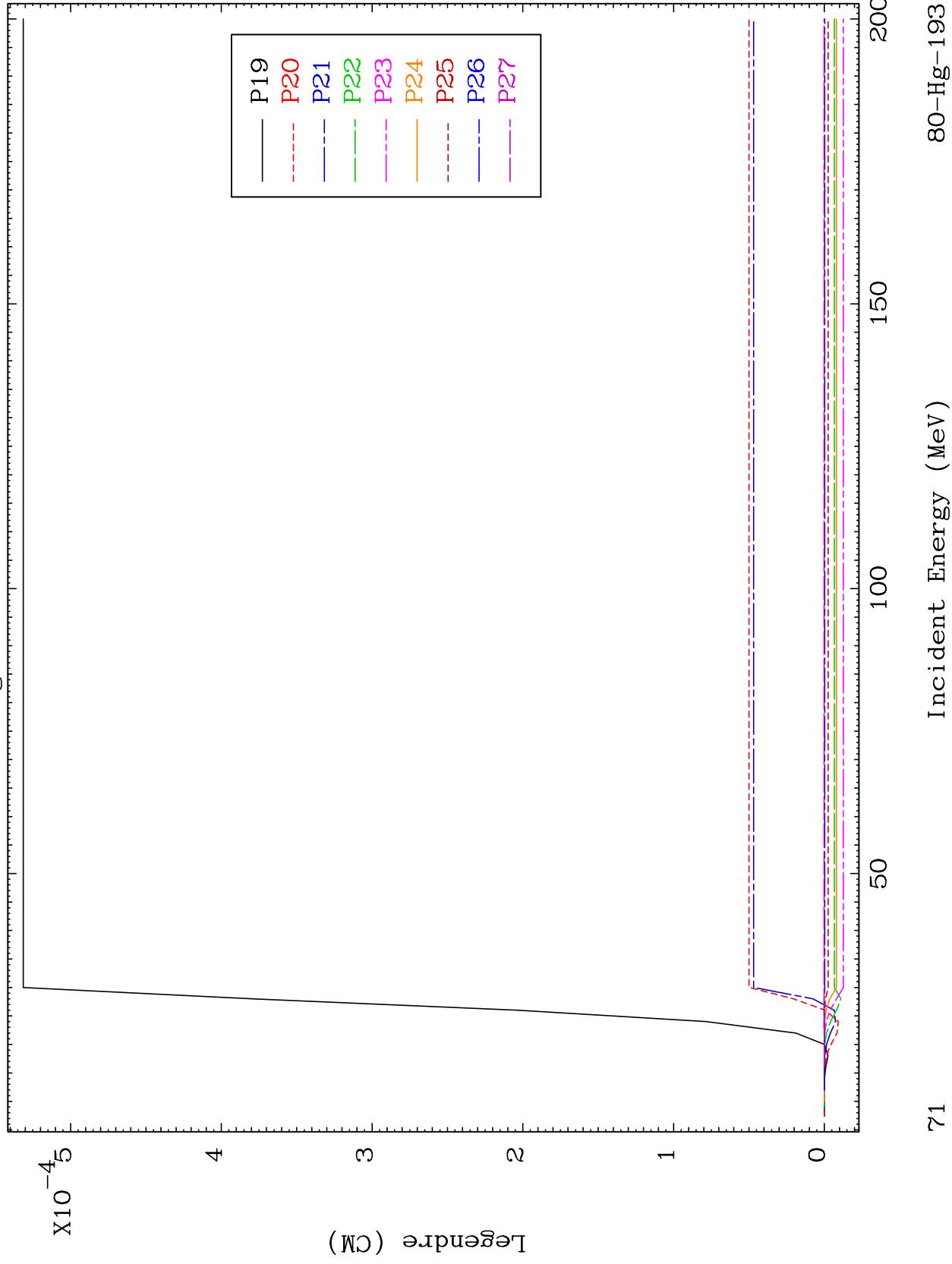
Incident Energy (MeV)

70

MAT 8016

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

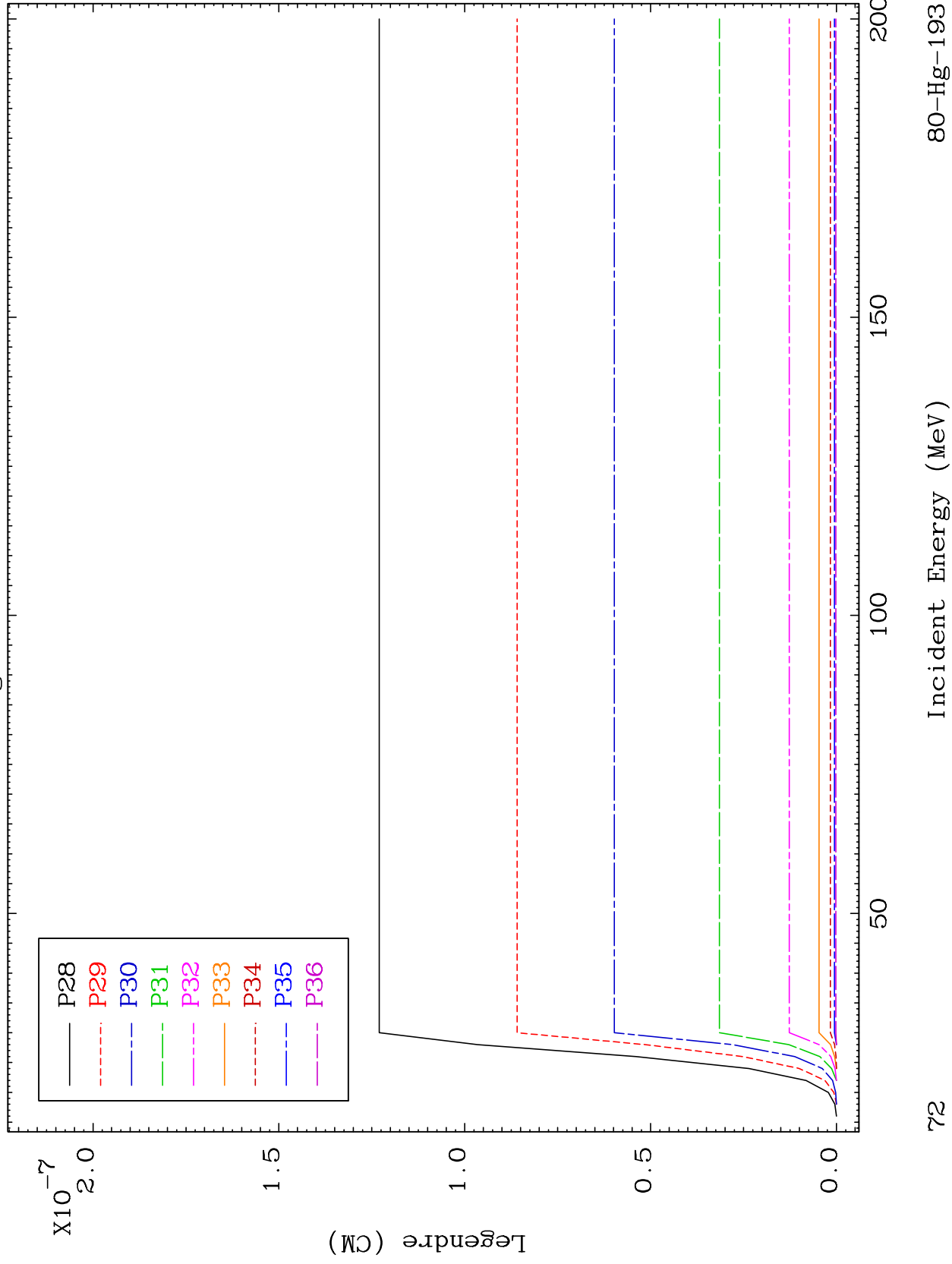
80-Hg-193



MAT 8016

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

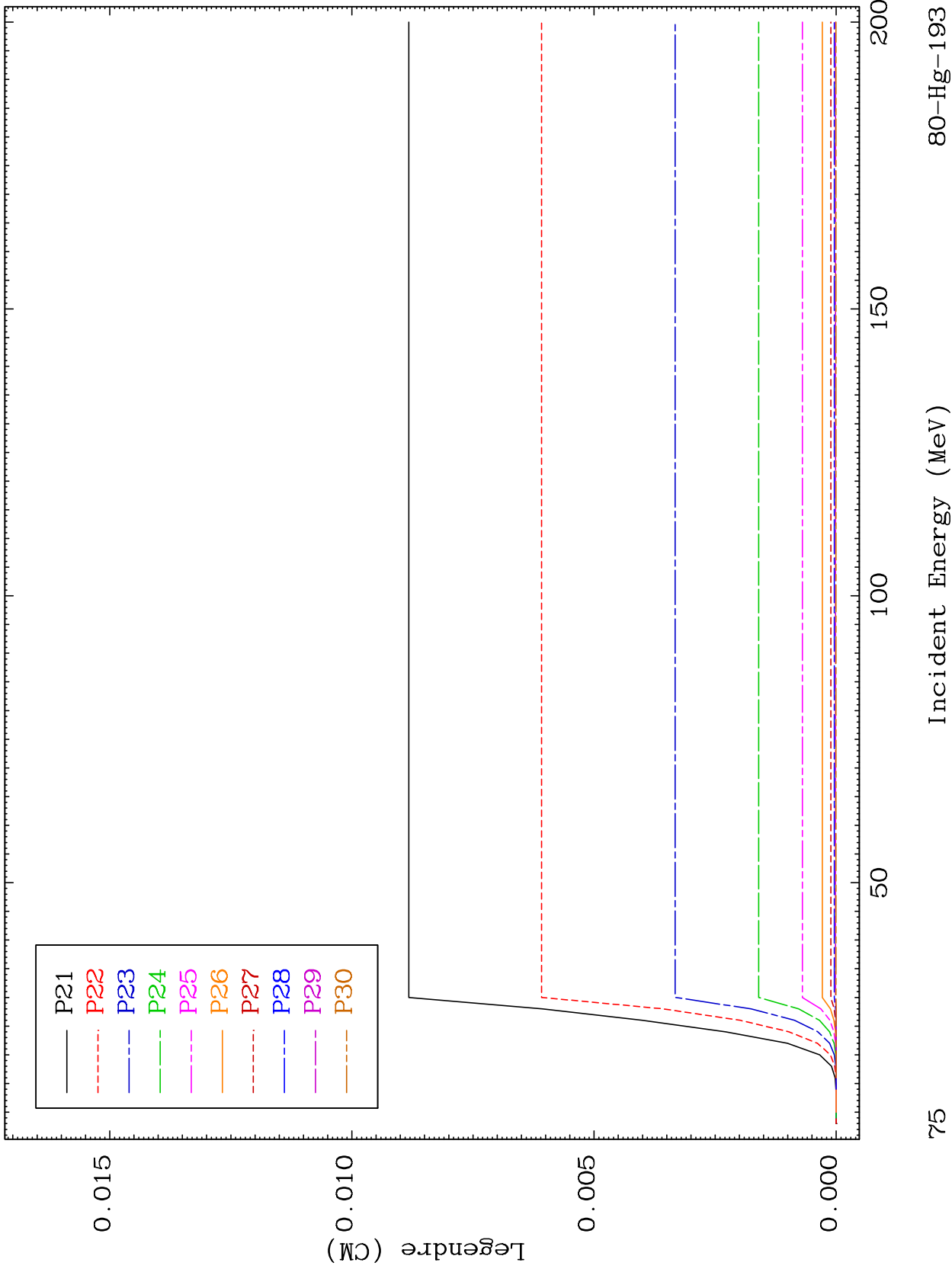
80-Hg-193



MAT 8016

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

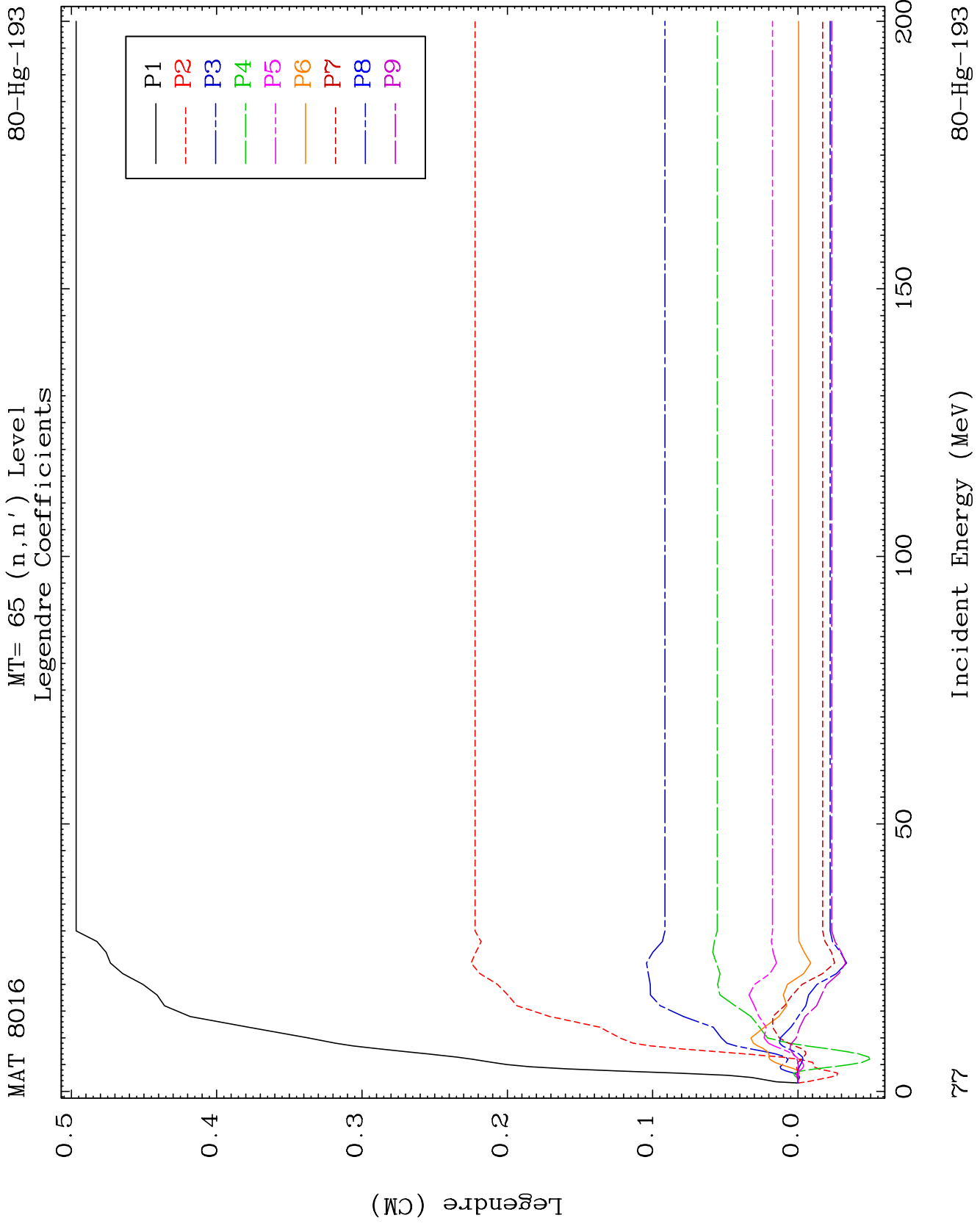
80-Hg-193



75

Incident Energy (MeV)

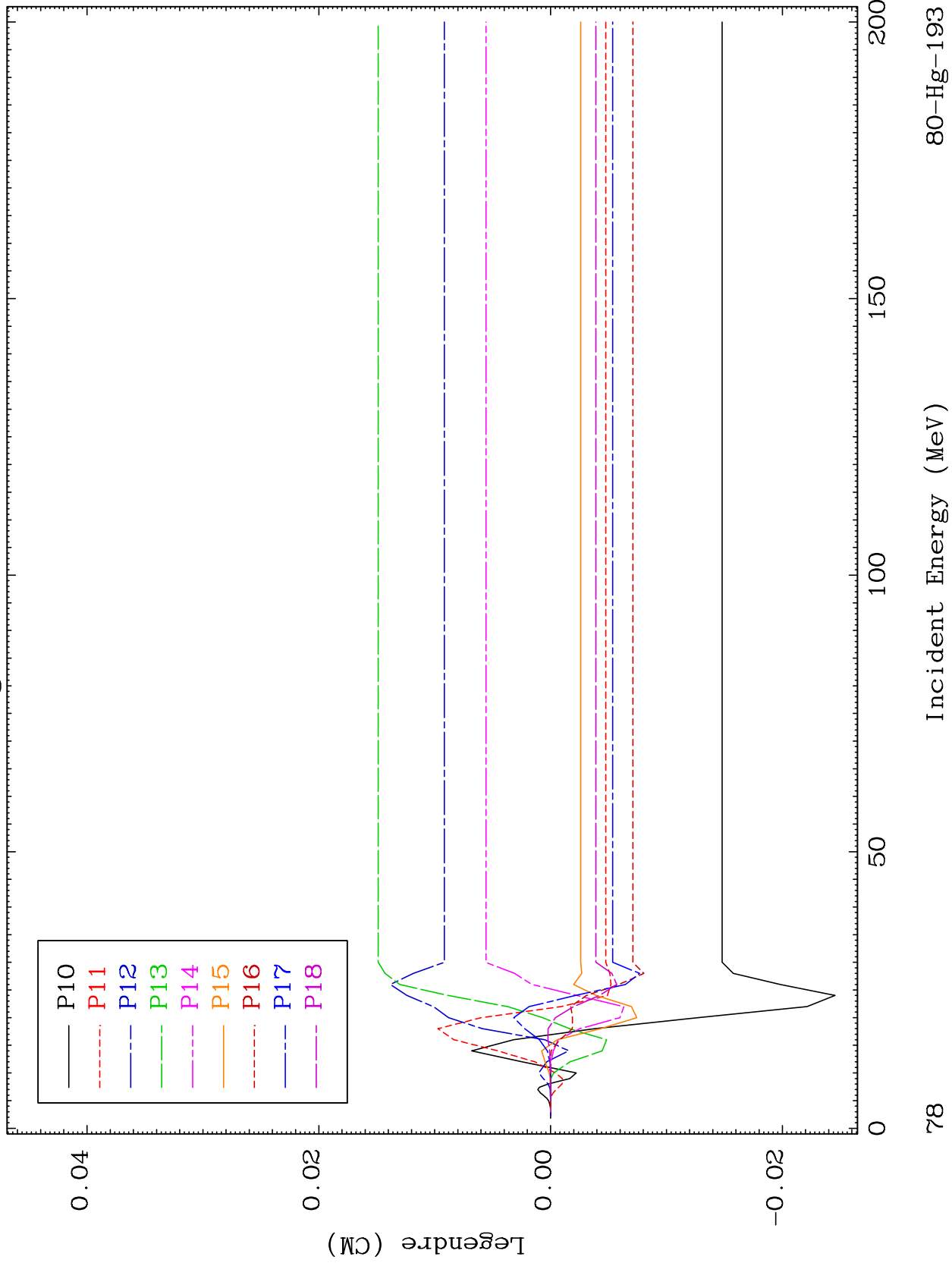
80-Hg-193



MAT 8016

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

80-Hg-193



80-Hg-193

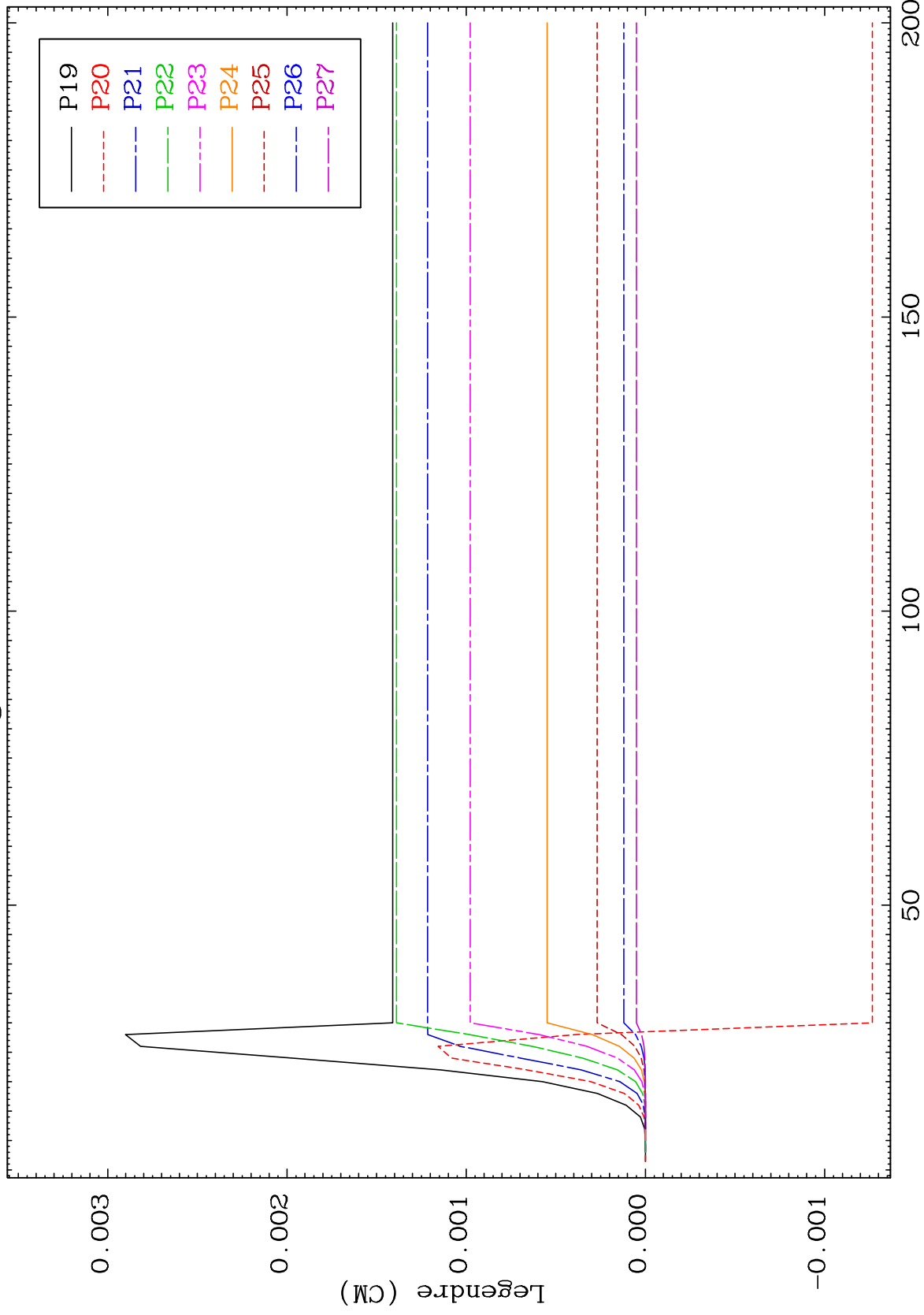
Incident Energy (MeV)

78

MAT 8016

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

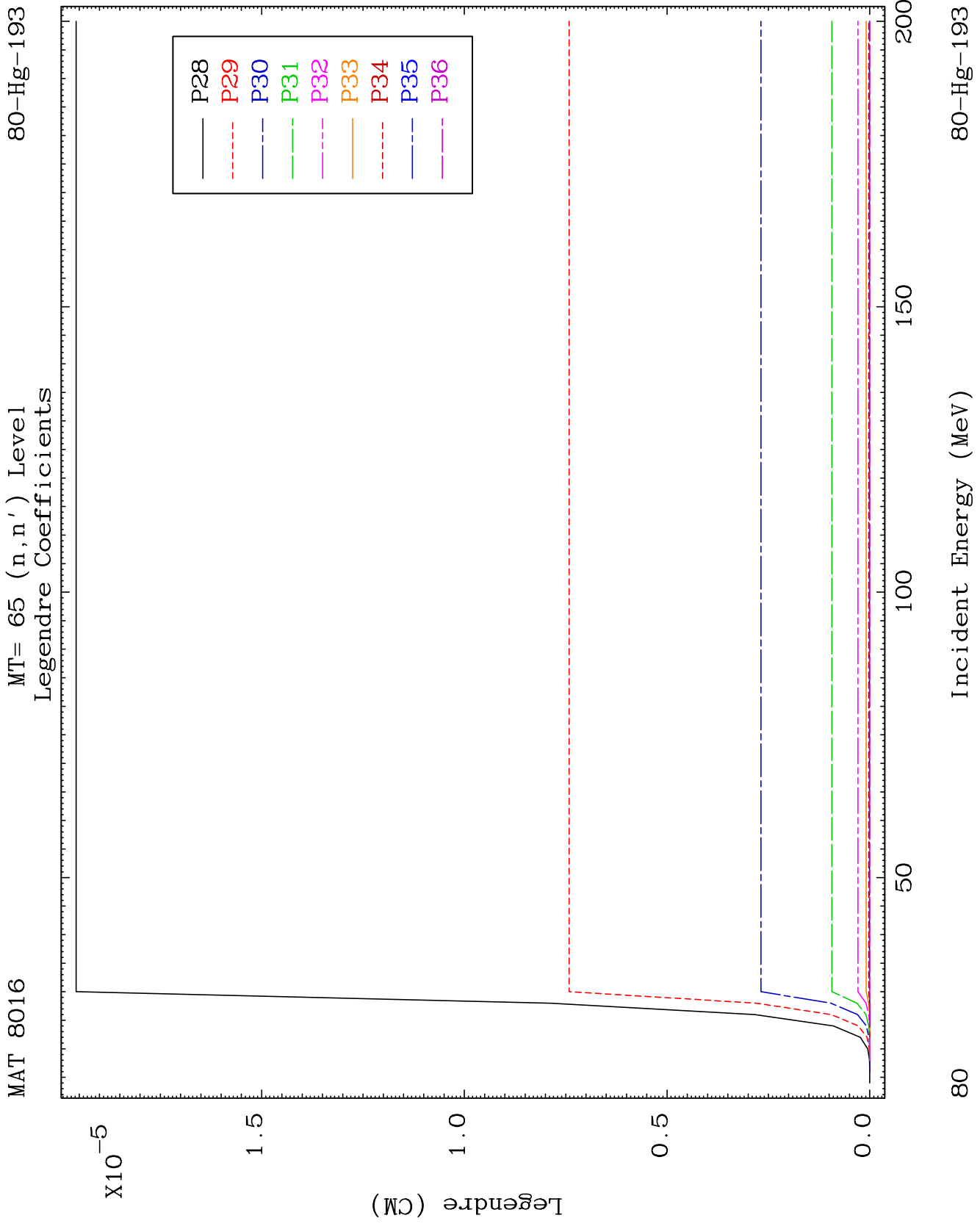
80-Hg-193

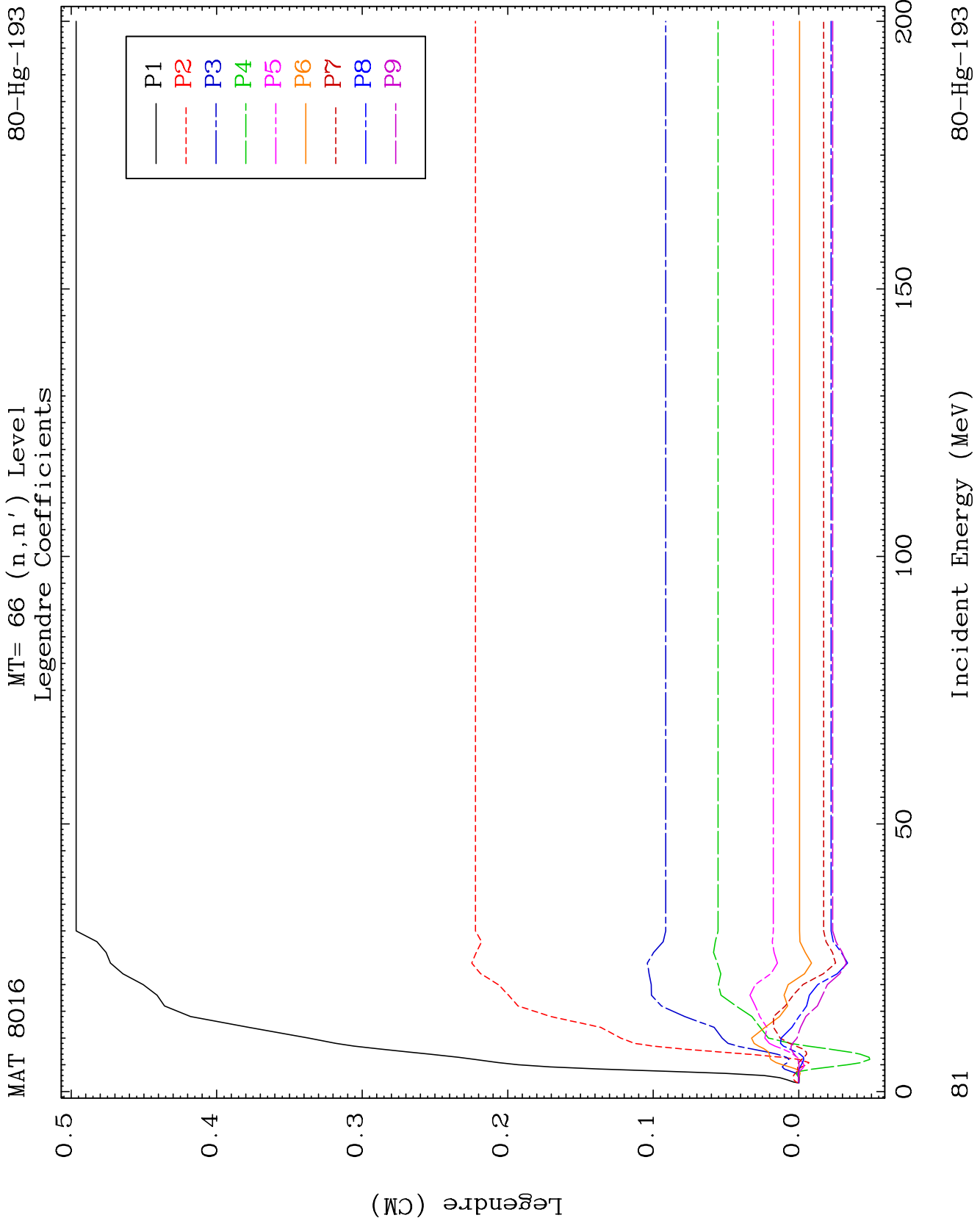


79

Incident Energy (MeV)

80-Hg-193

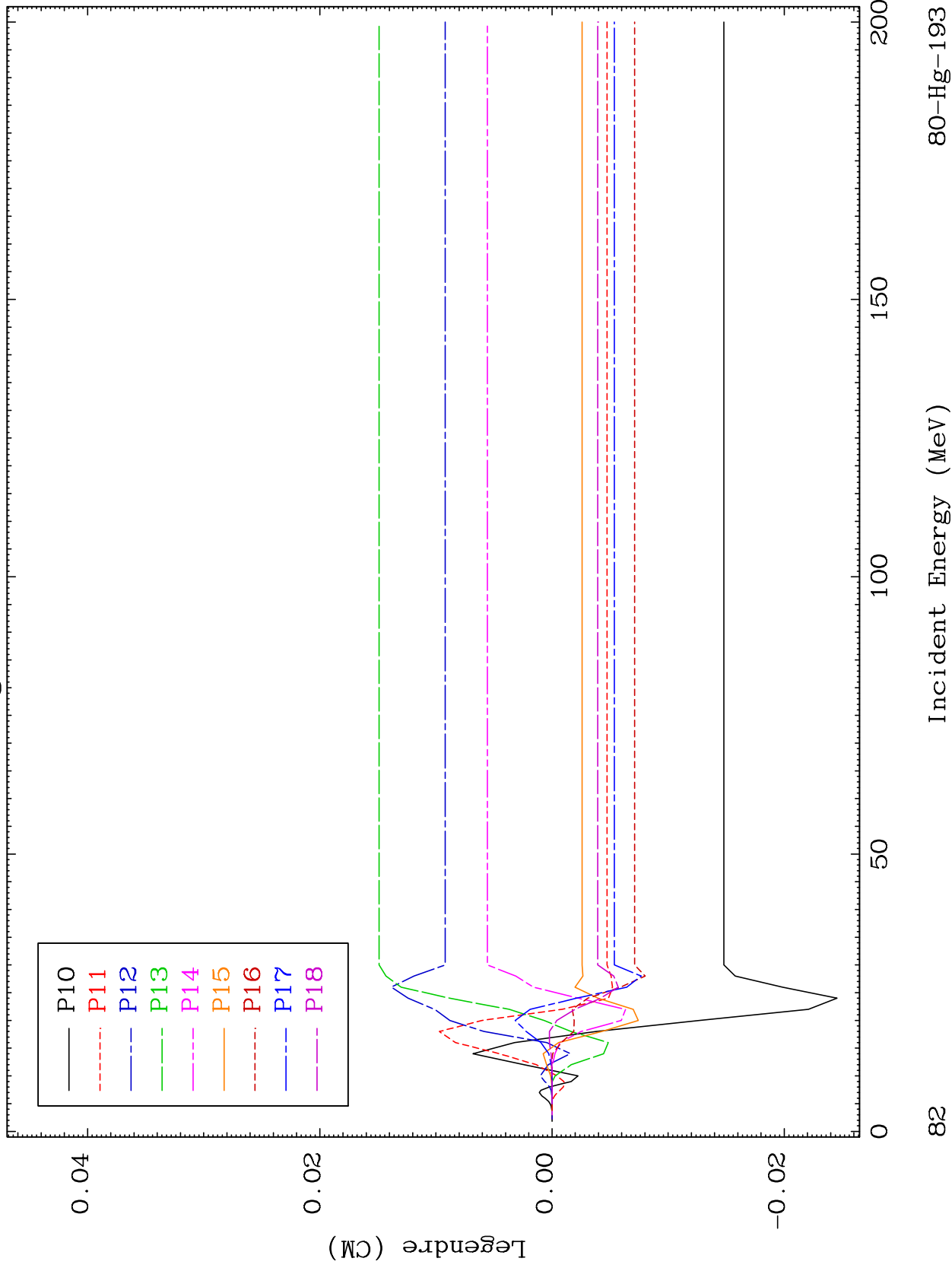




MAT 8016

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

80-Hg-193



80-Hg-193

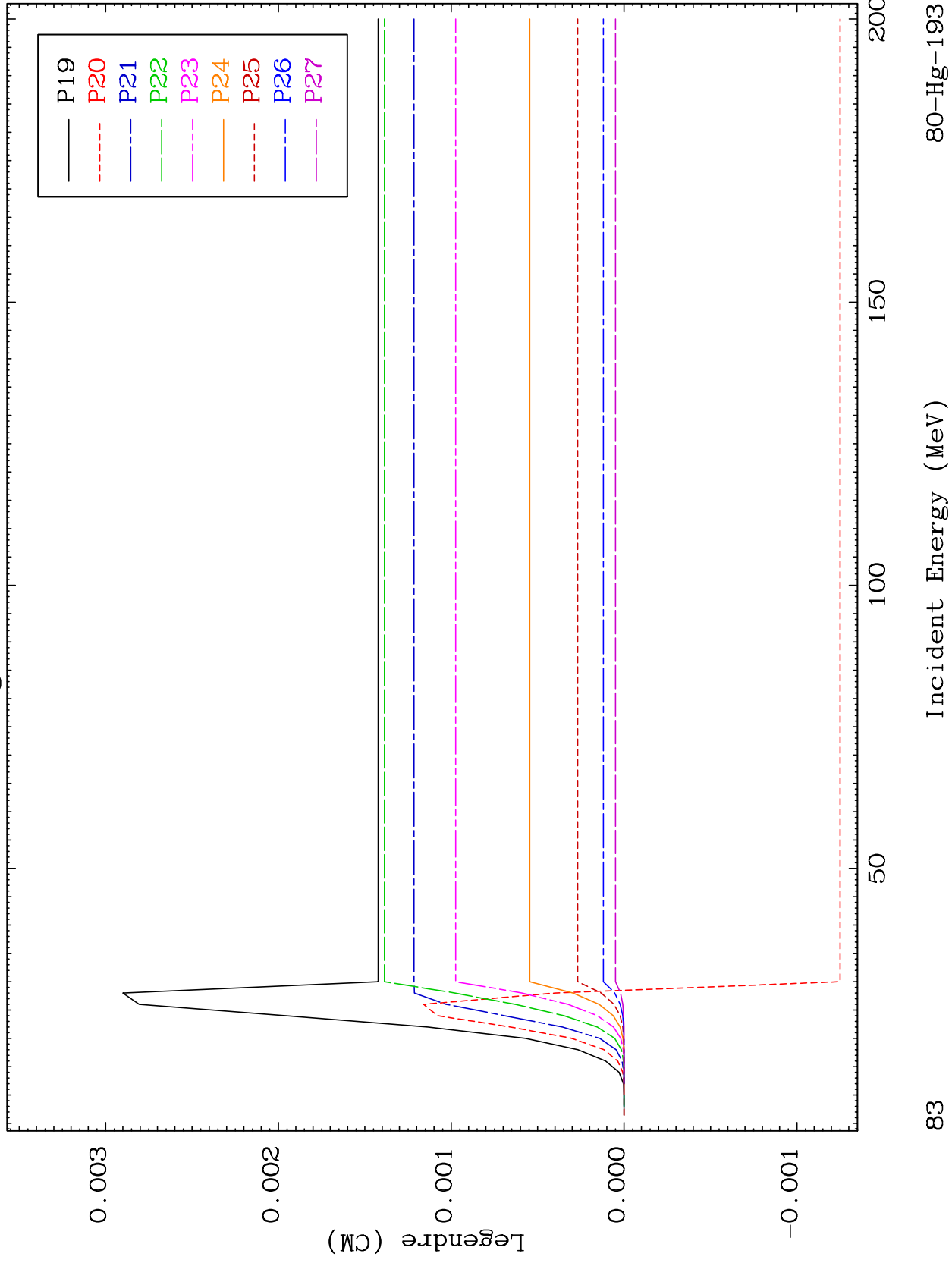
Incident Energy (MeV)

82

MAT 8016

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

80-Hg-193



83

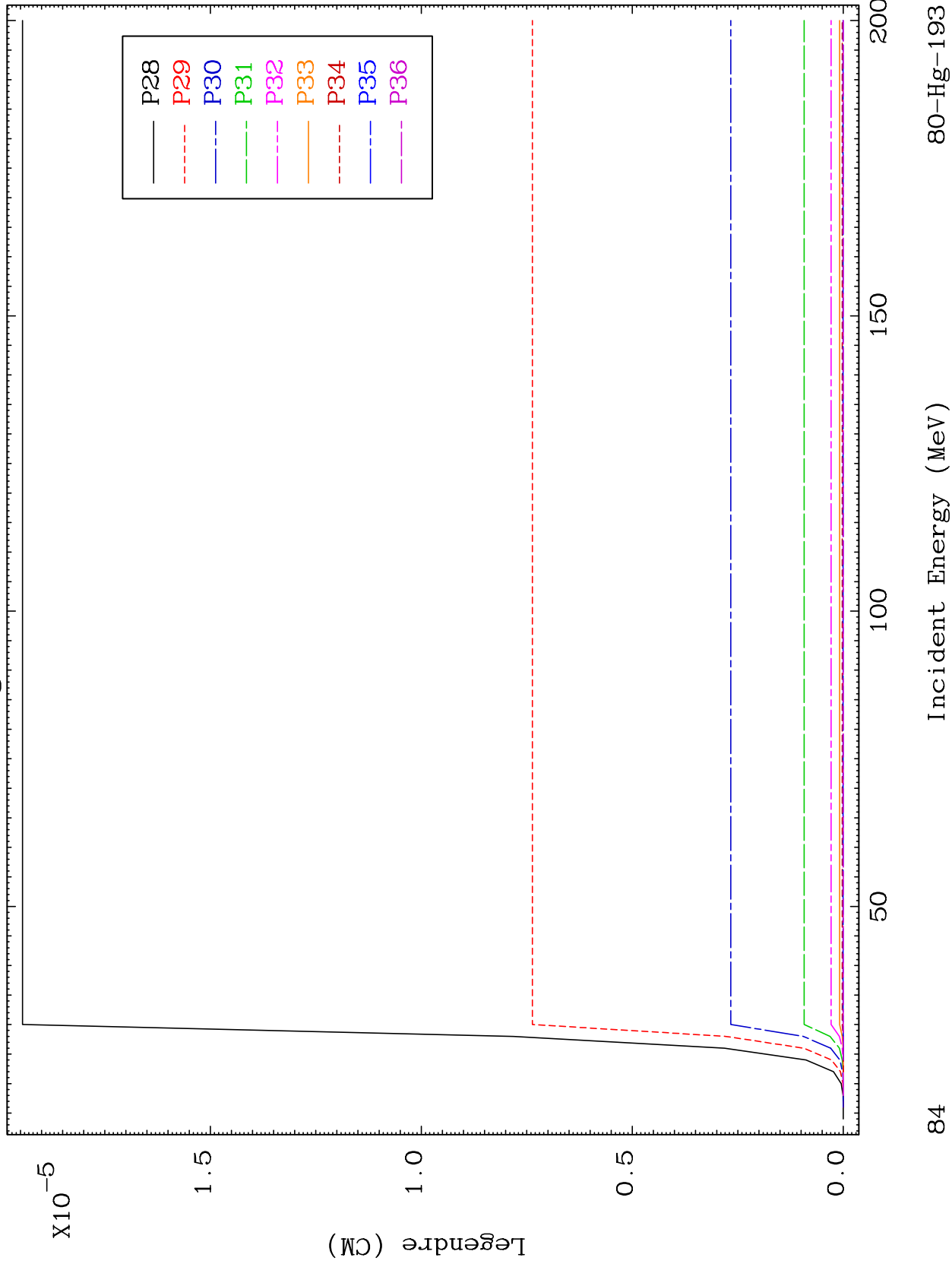
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193

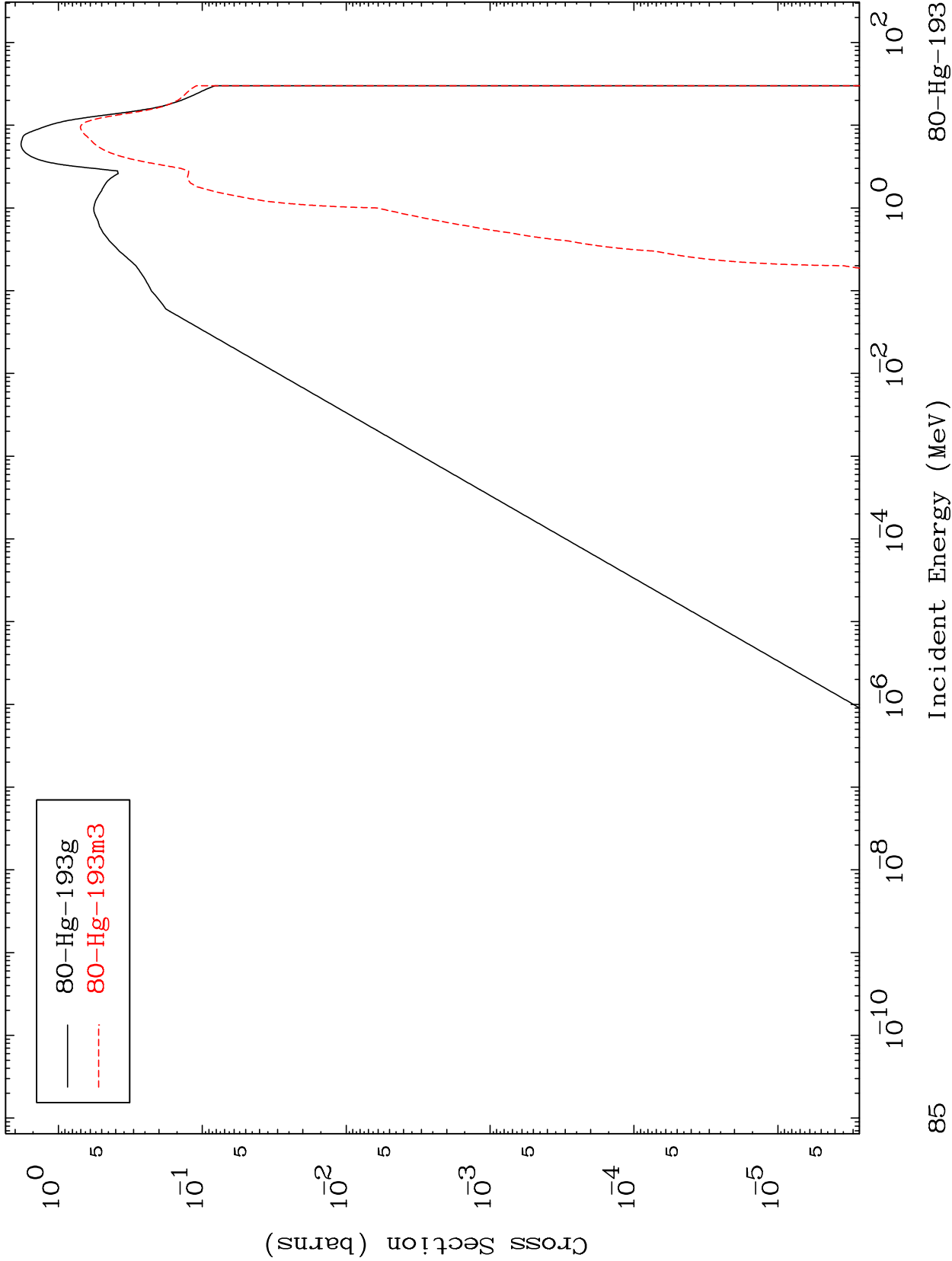


84

MAT 8016

Inelastic
Radionuclide Production Cross Section

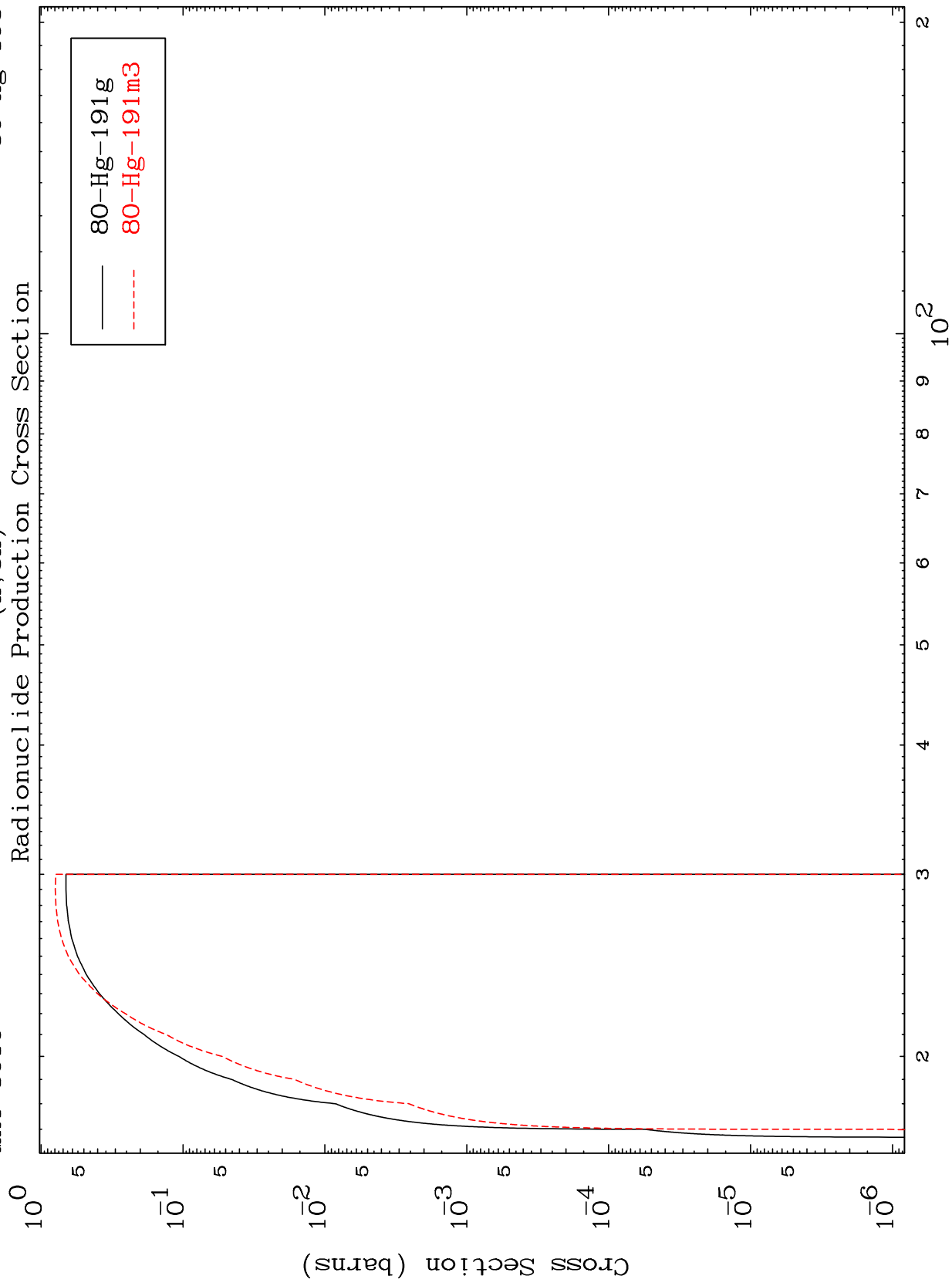
80-Hg-193



MAT 8016

80-Hg-193

(n,3n)
Radionuclide Production Cross Section



86

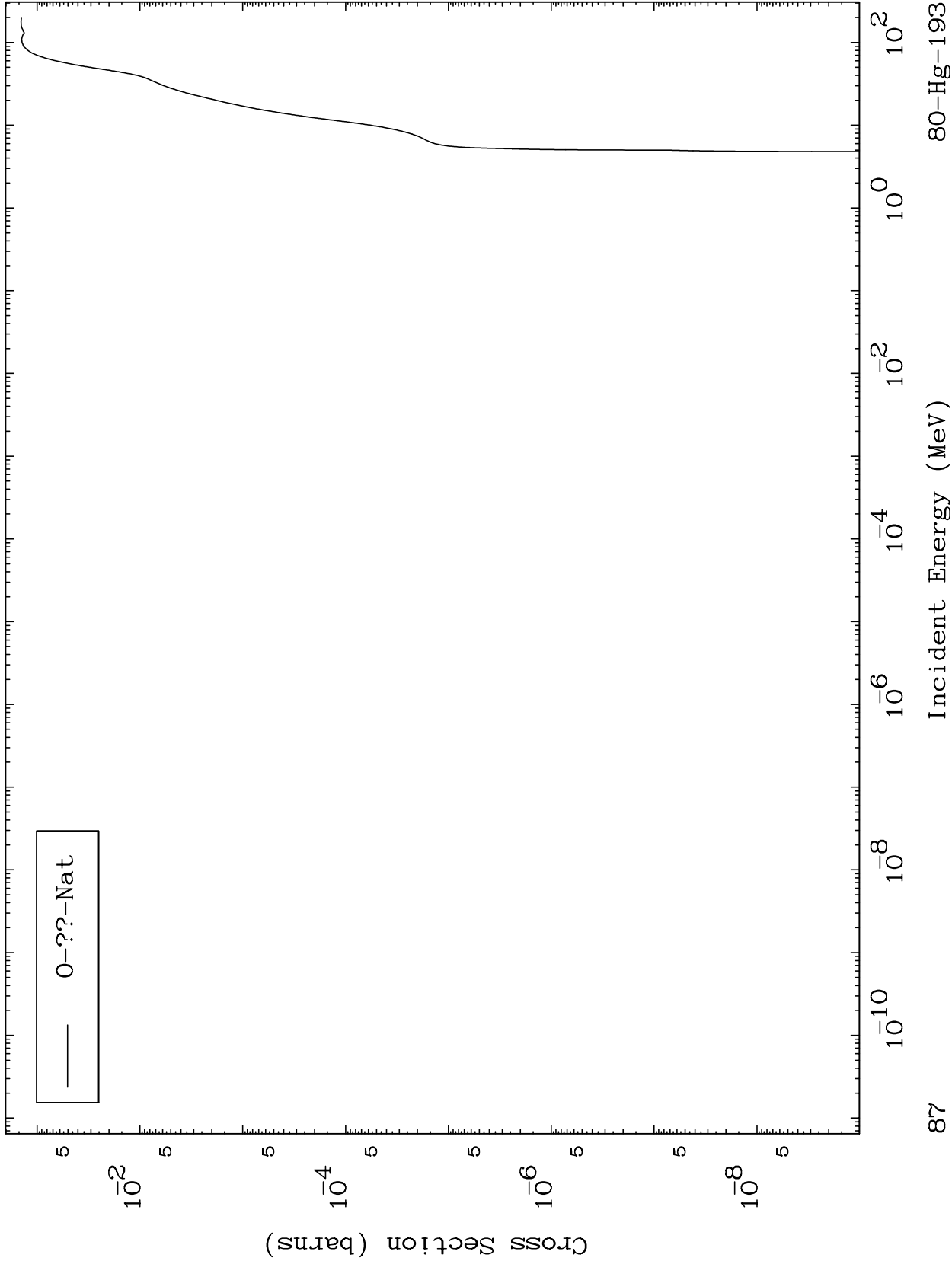
Incident Energy (MeV)

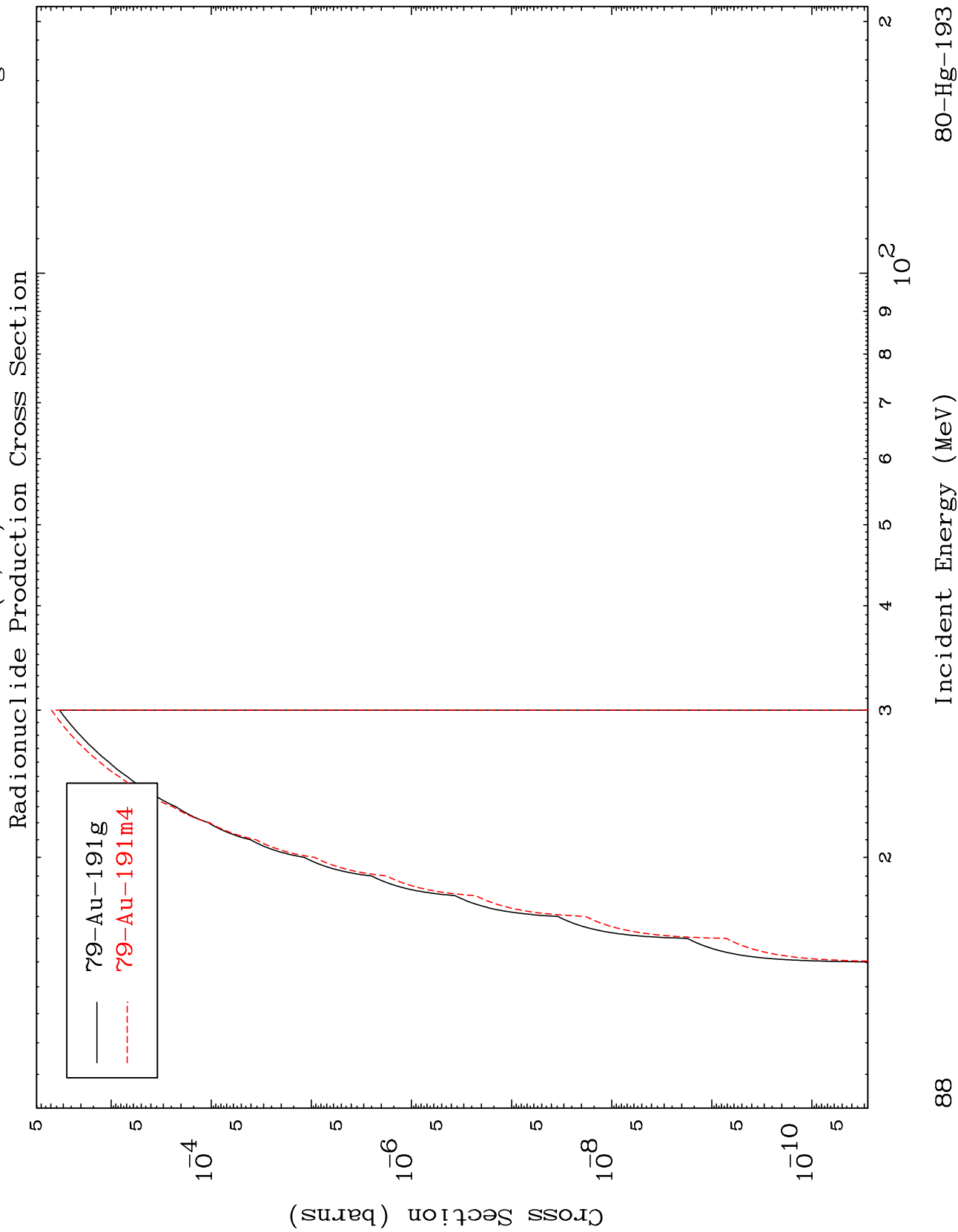
80-Hg-193

MAT 8016

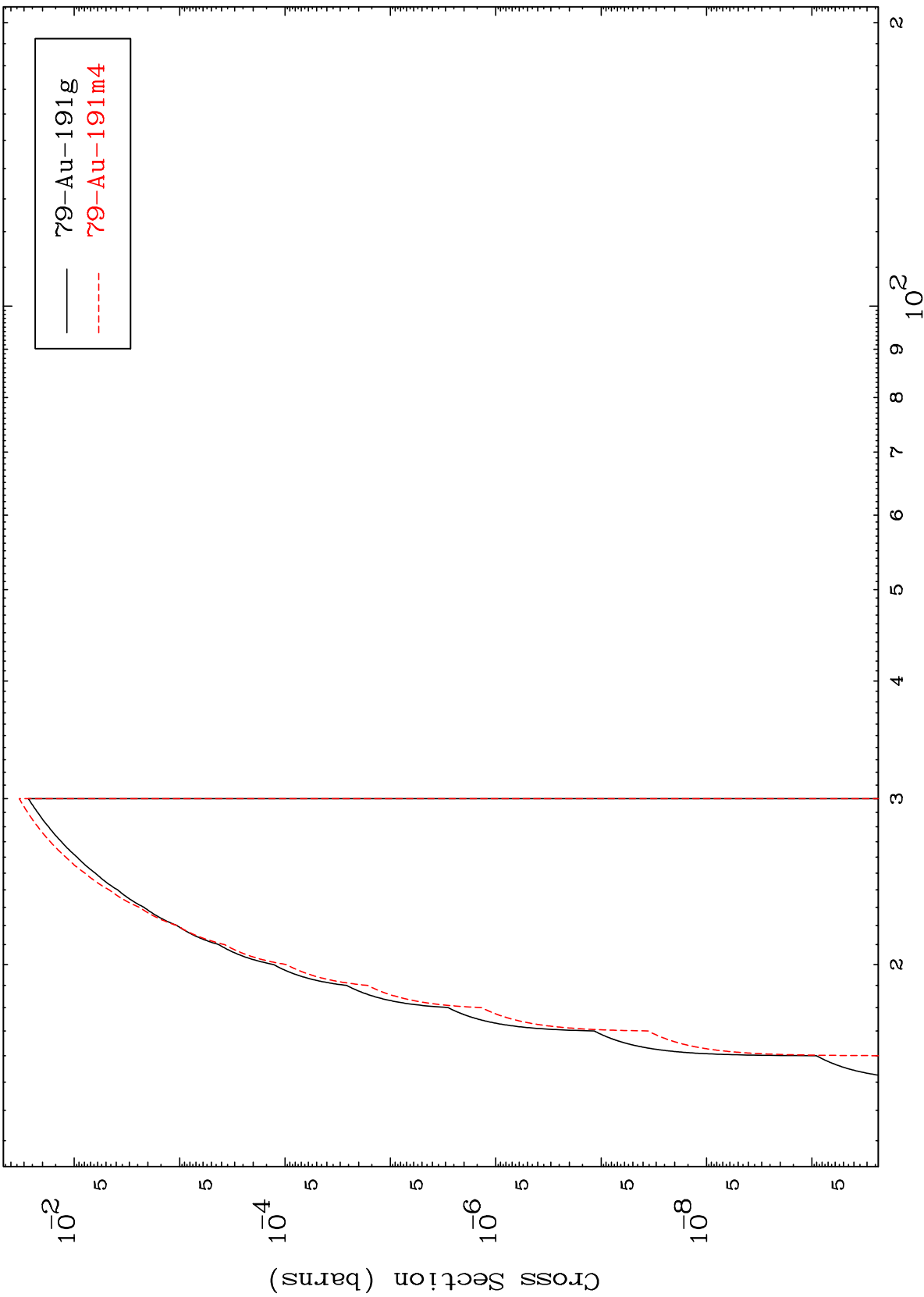
Fission
Radionuclide Production Cross Section

80-Hg-193





Radionuclide Production Cross Section



MAT 8016

80-Hg-193

80-Hg-193

Incident Energy (MeV)

90

Radionuclide Production Cross Section (n,p)

