

Program EVALPLOT
(Version 2021-1)

by

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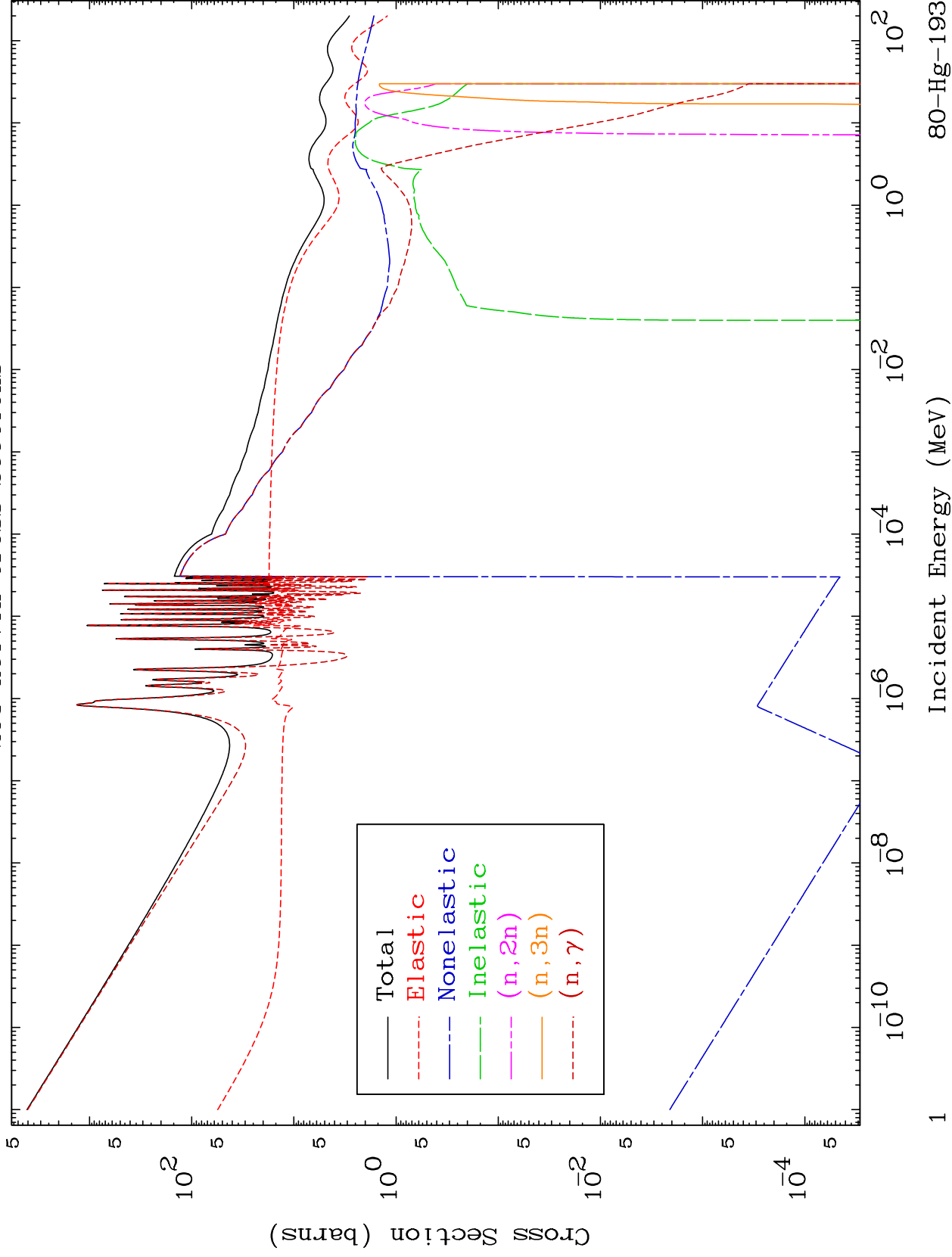
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8016

Neutron Major
293 Kelvin Cross Sections

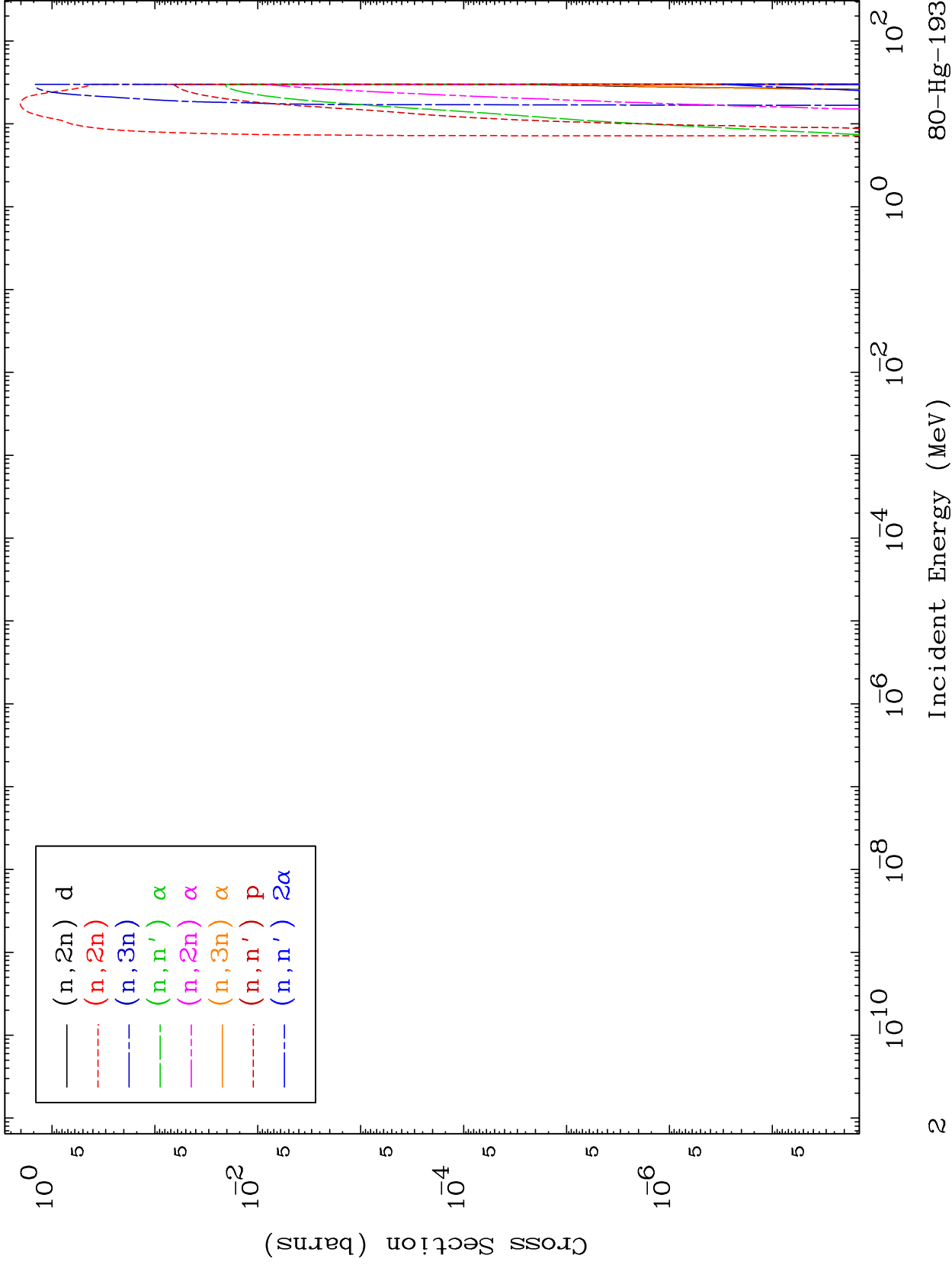
80-Hg-193



MAT 8016

Neutron Absorption
293 Kelvin Cross Sections

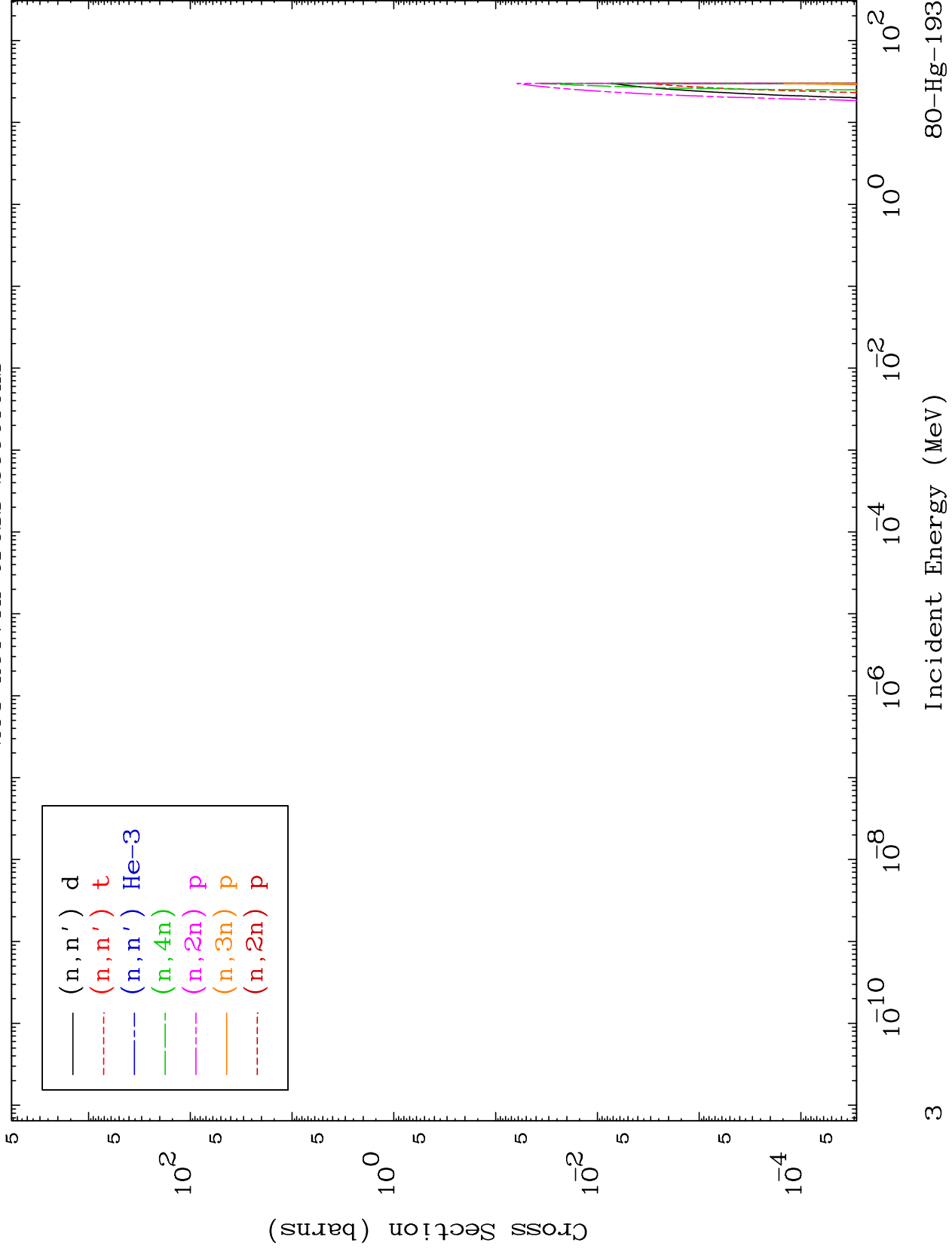
80-Hg-193



MAT 8016

Neutron Absorption
293 Kelvin Cross Sections

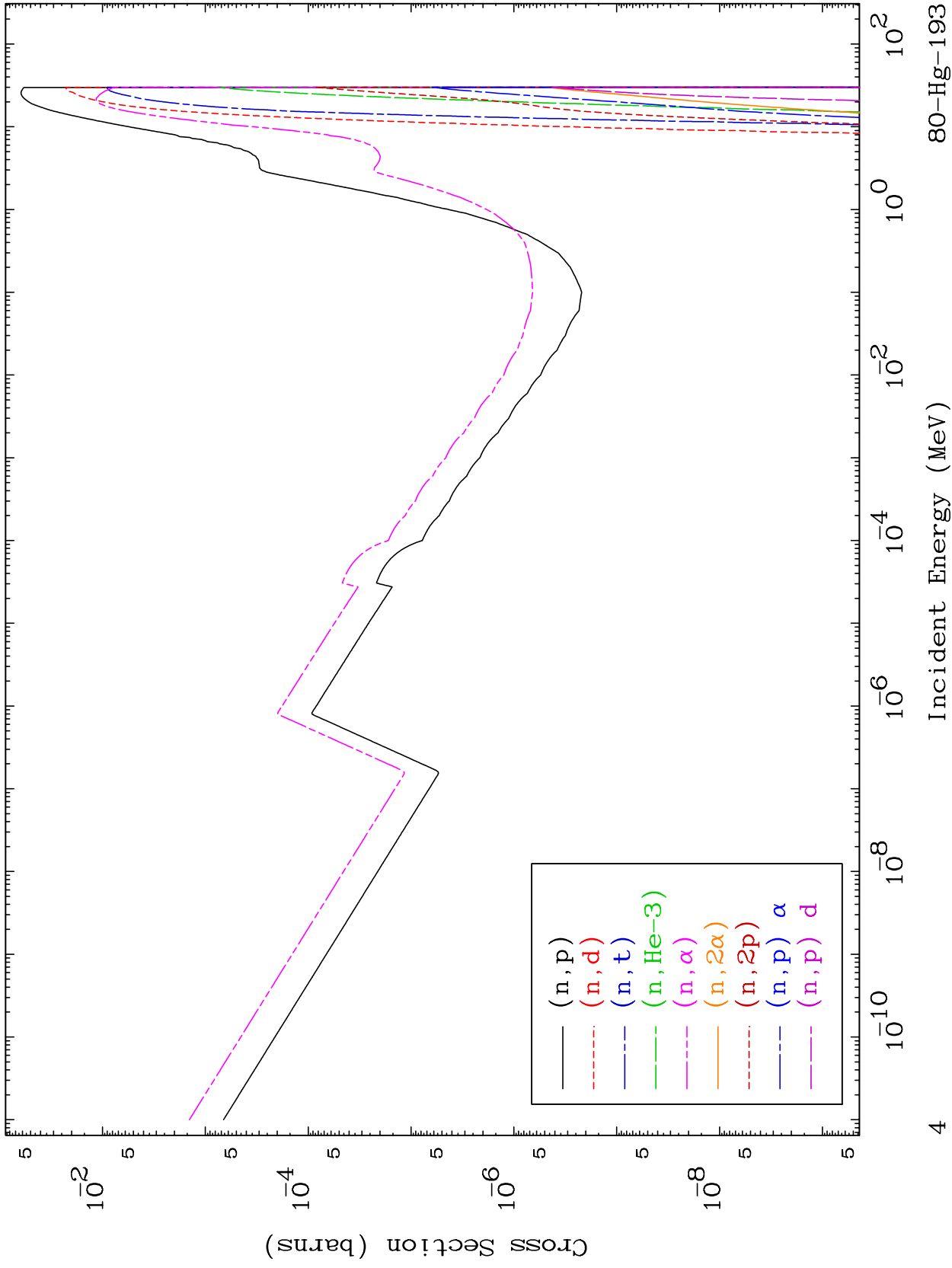
80-Hg-193



MAT 8016

Neutron Absorption
293 Kelvin Cross Sections

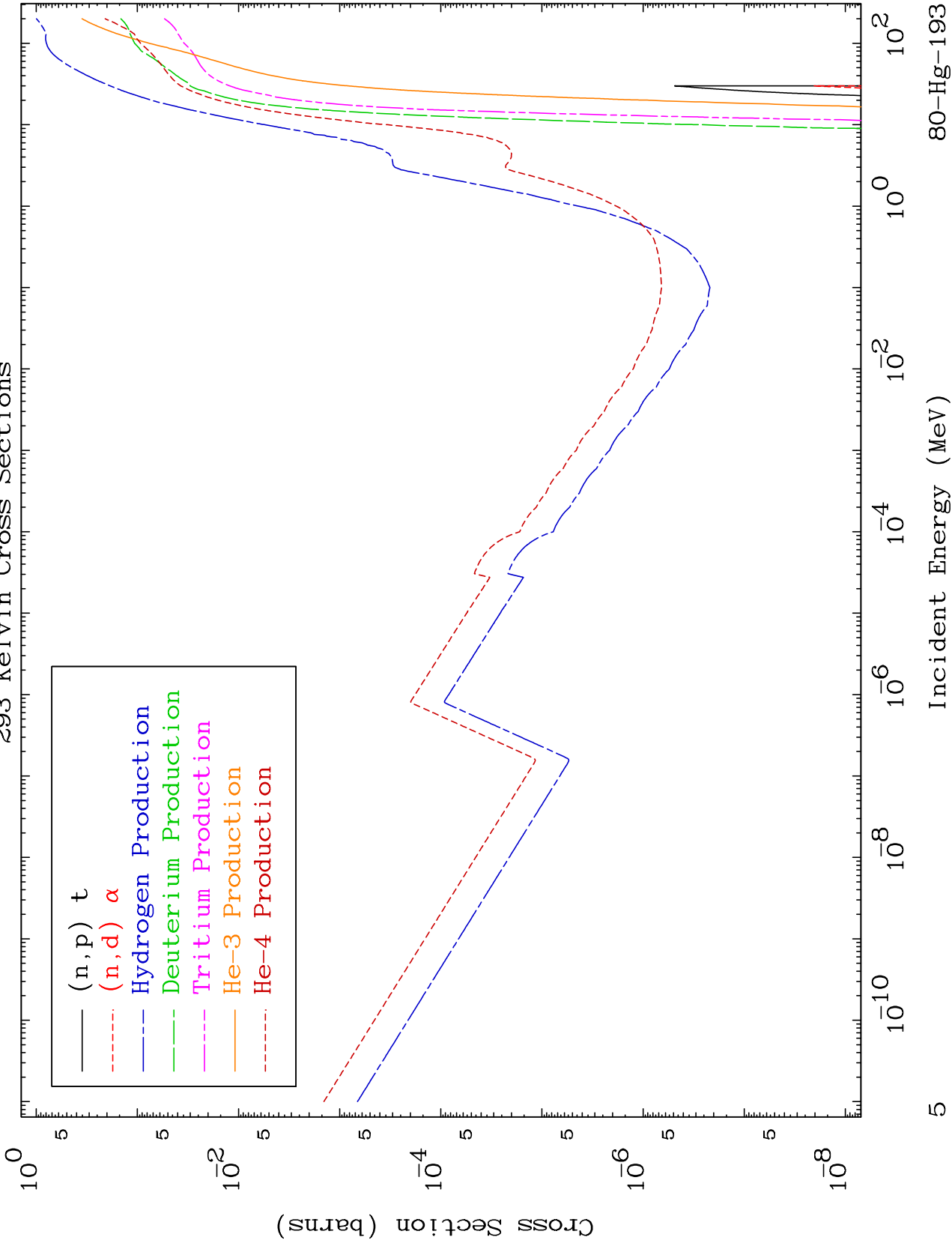
80-Hg-193



MAT 8016

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-193



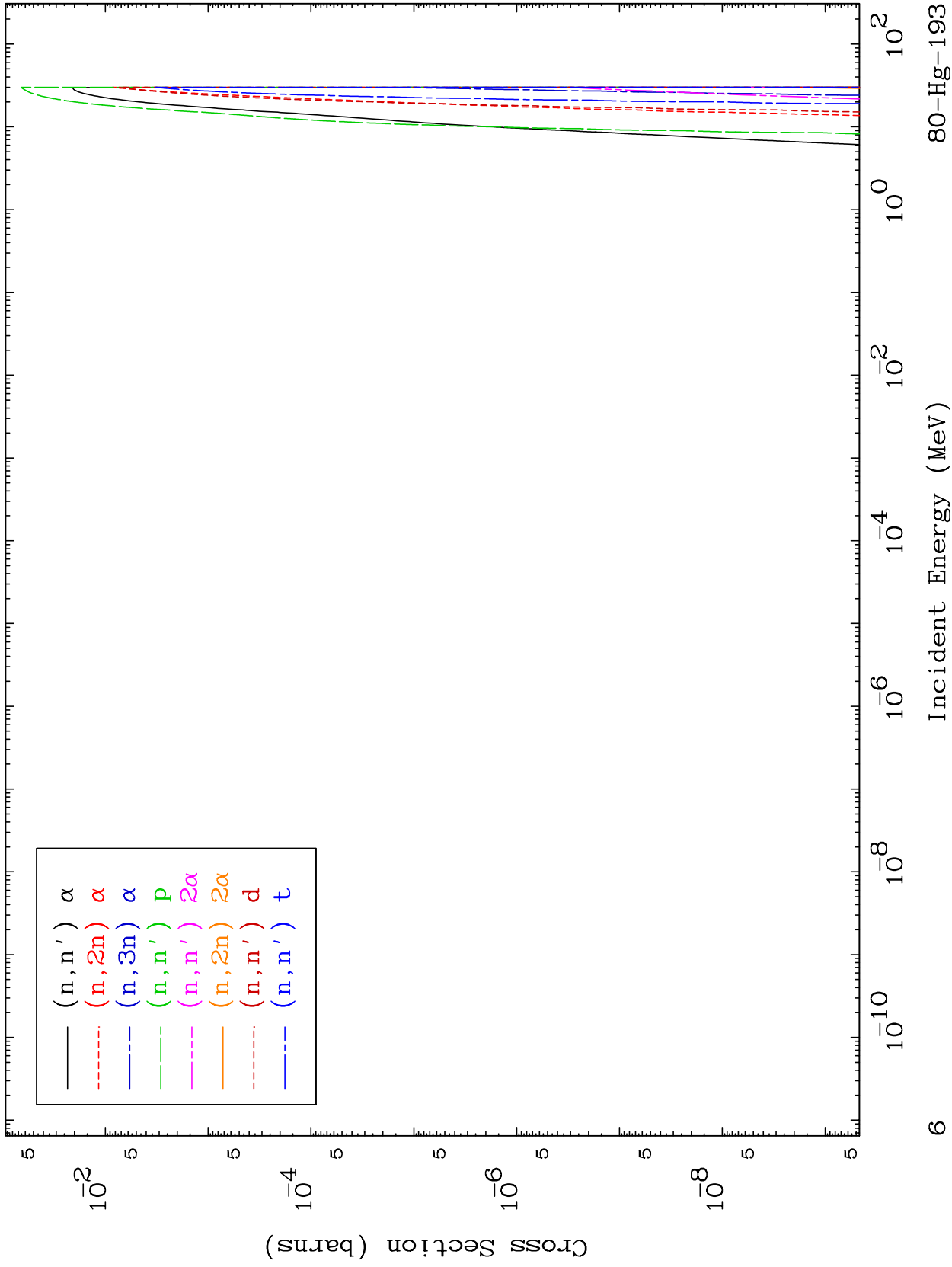
5

80-Hg-193

MAT 8016

Charged Particle
293 Kelvin Cross Sections

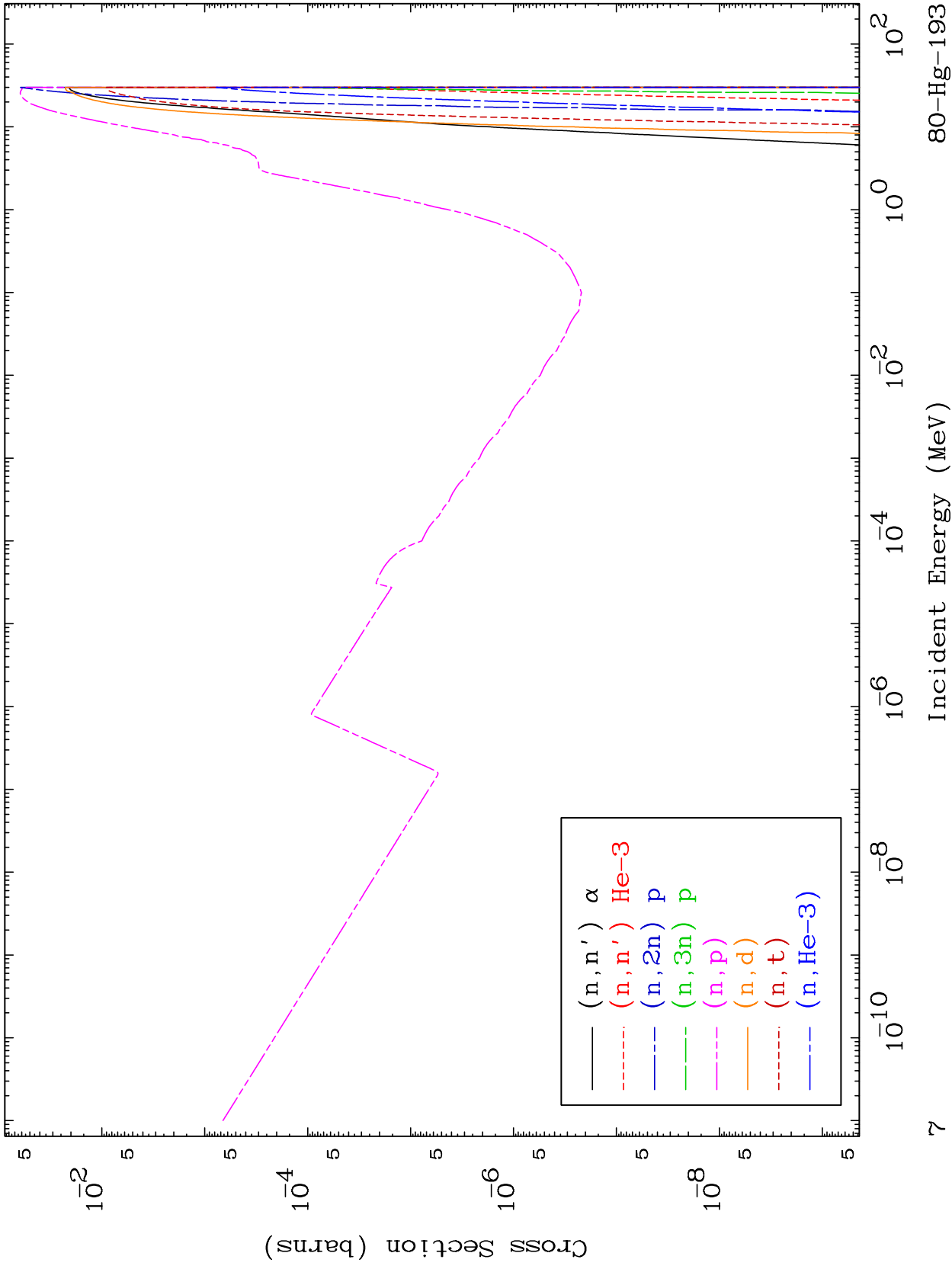
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MAT 8016

Charged Particle
293 Kelvin Cross Sections

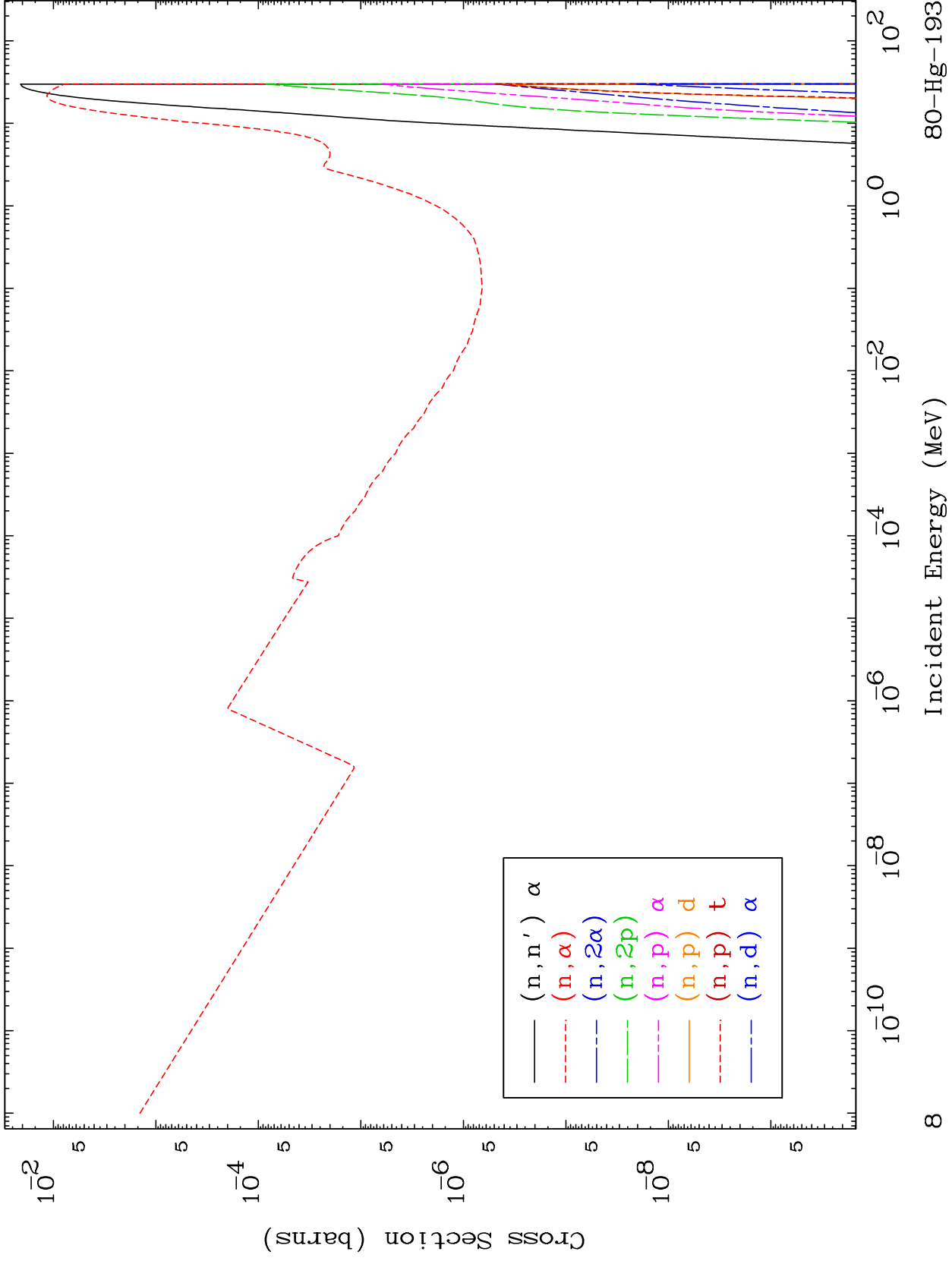
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MAT 8016

Charged Particle
293 Kelvin Cross Sections

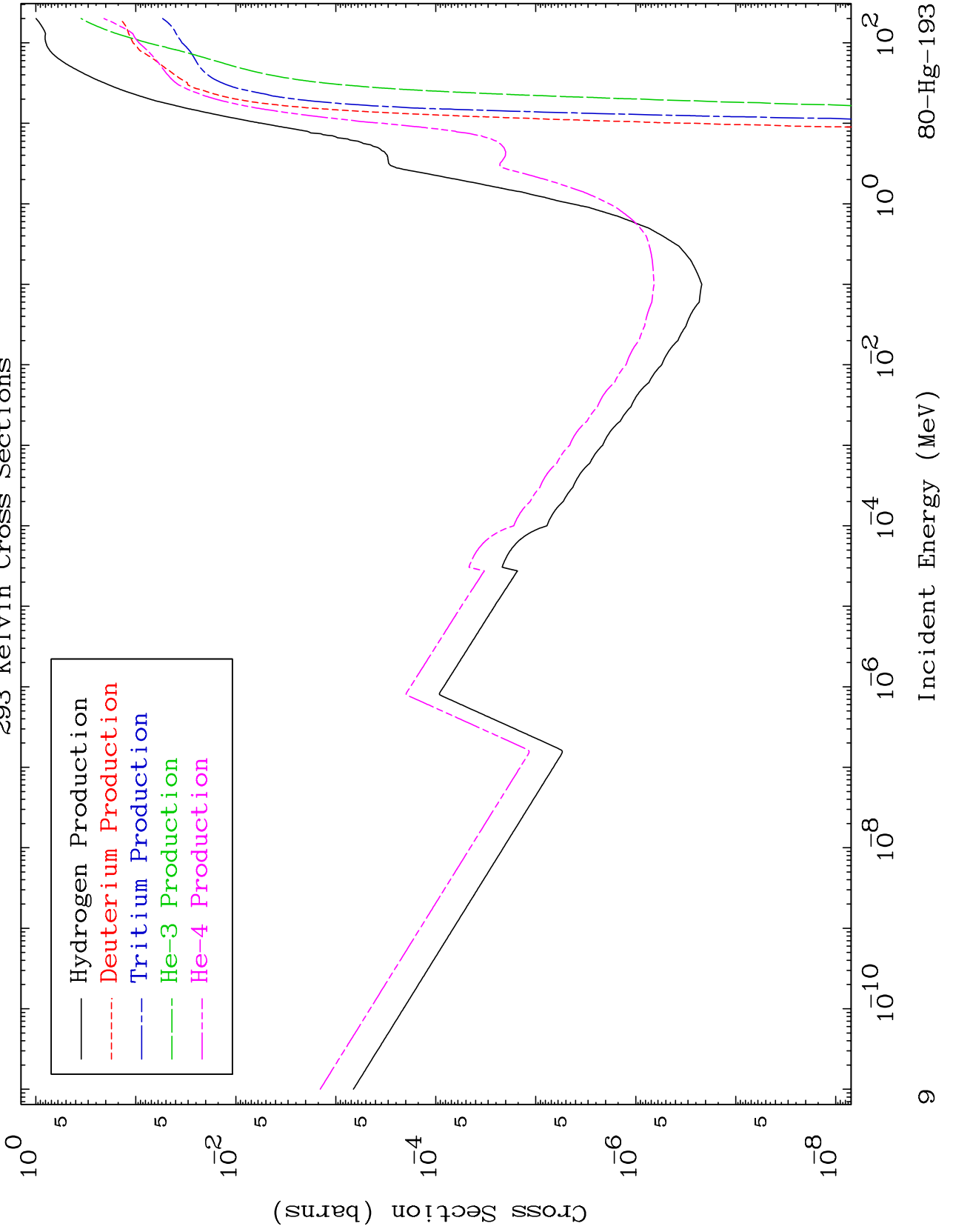
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MAT 8016

Particle Production
293 Kelvin Cross Sections

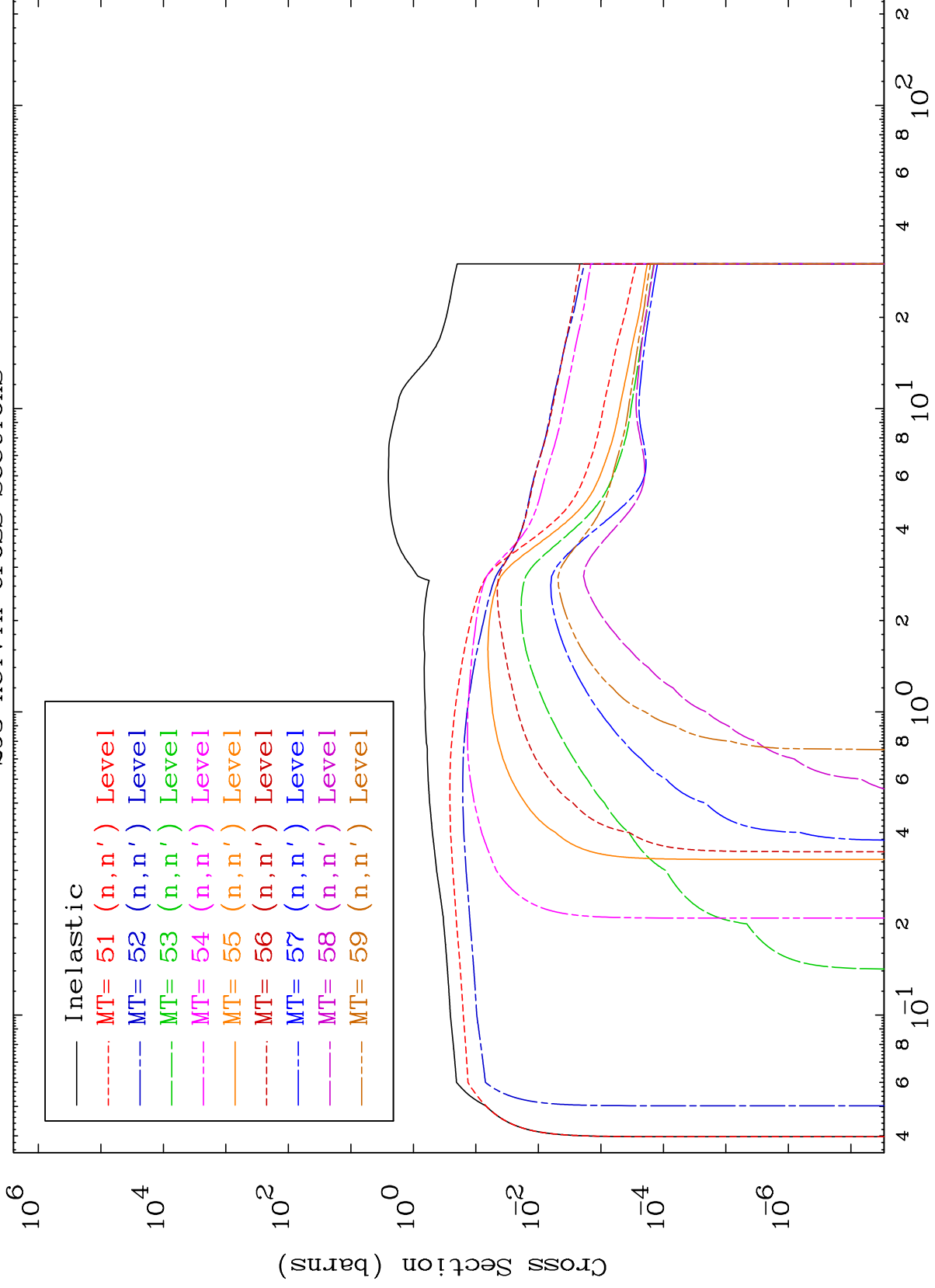
80-Hg-193



MAT 8016

(n,n') Levels
293 Kelvin Cross Sections

80-Hg-193



10

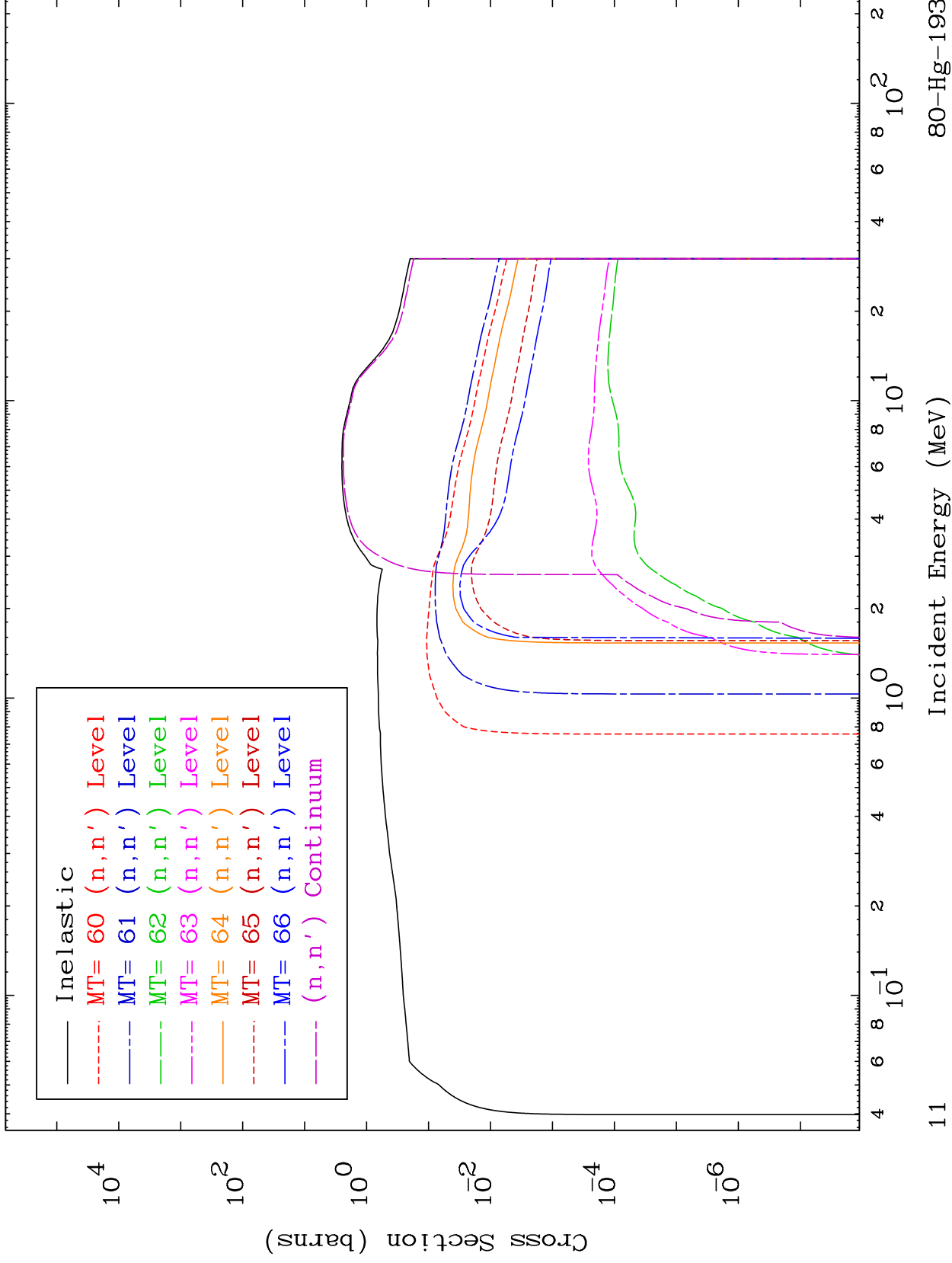
Incident Energy (MeV)

80-Hg-193

MAT 8016

(n,n') Levels
293 Kelvin Cross Sections

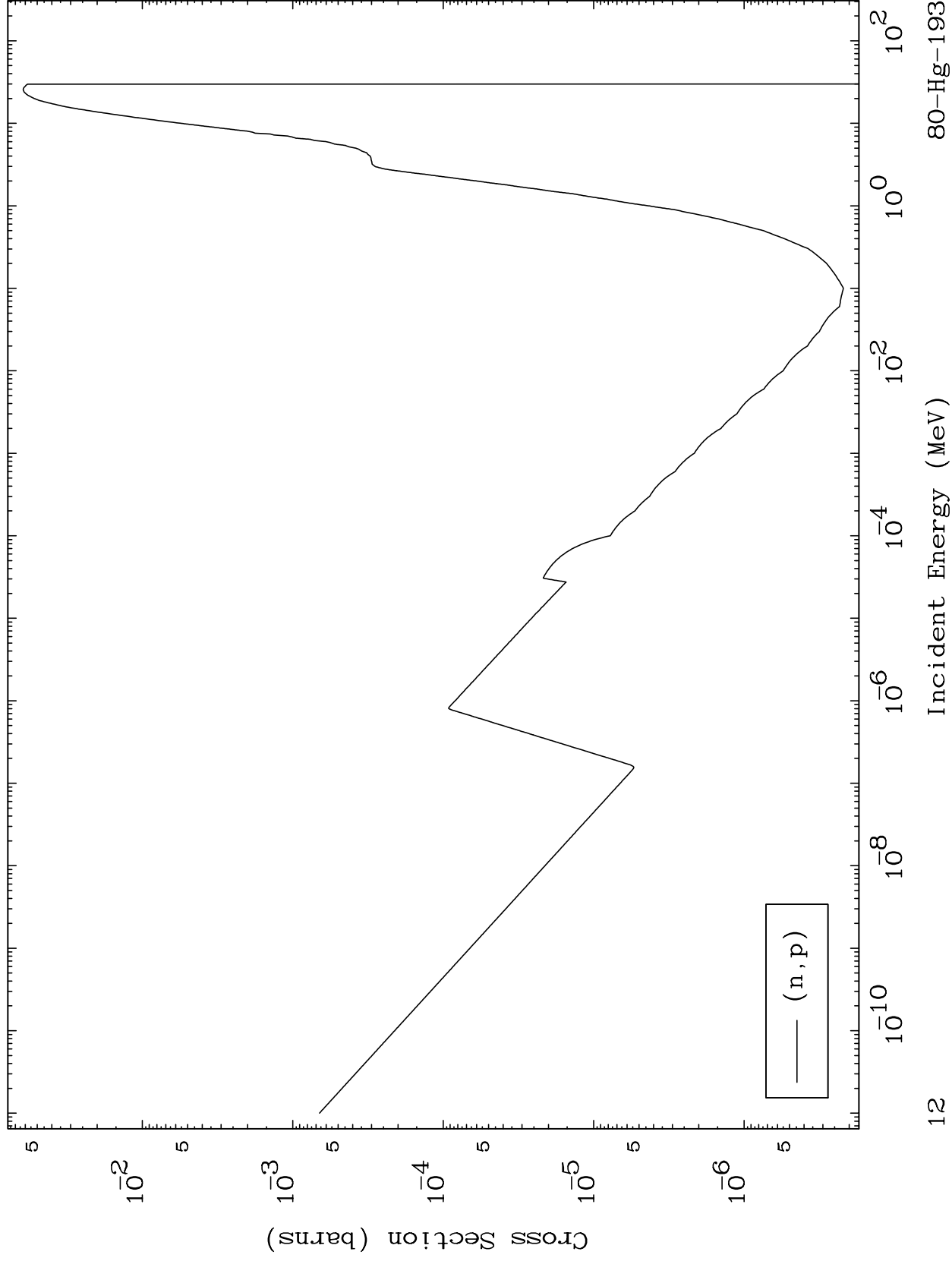
80-Hg-193



MAT 8016

(n,p) Levels
293 Kelvin Cross Sections

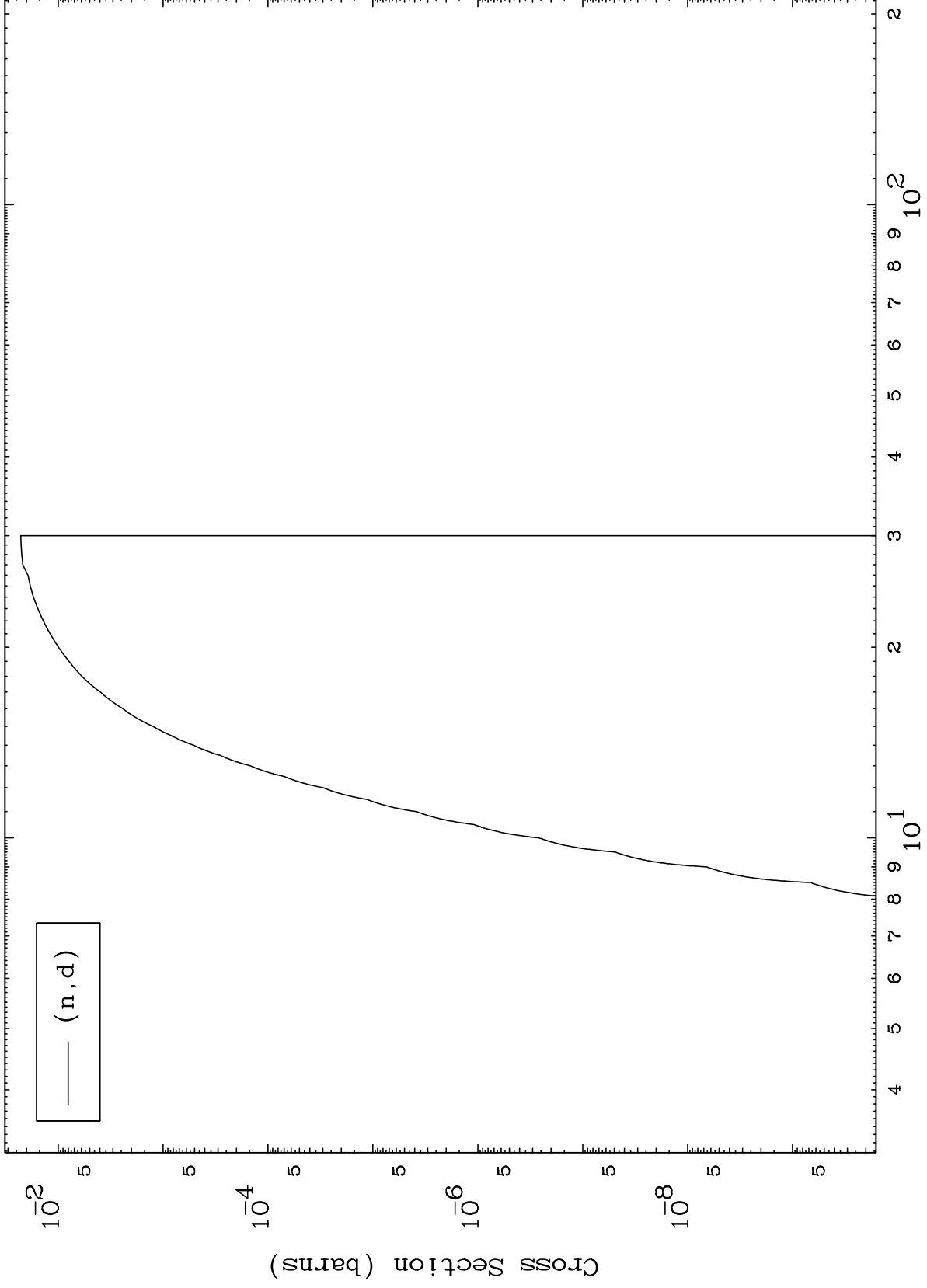
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MAT 8016

(n,d) Levels
293 Kelvin Cross Sections

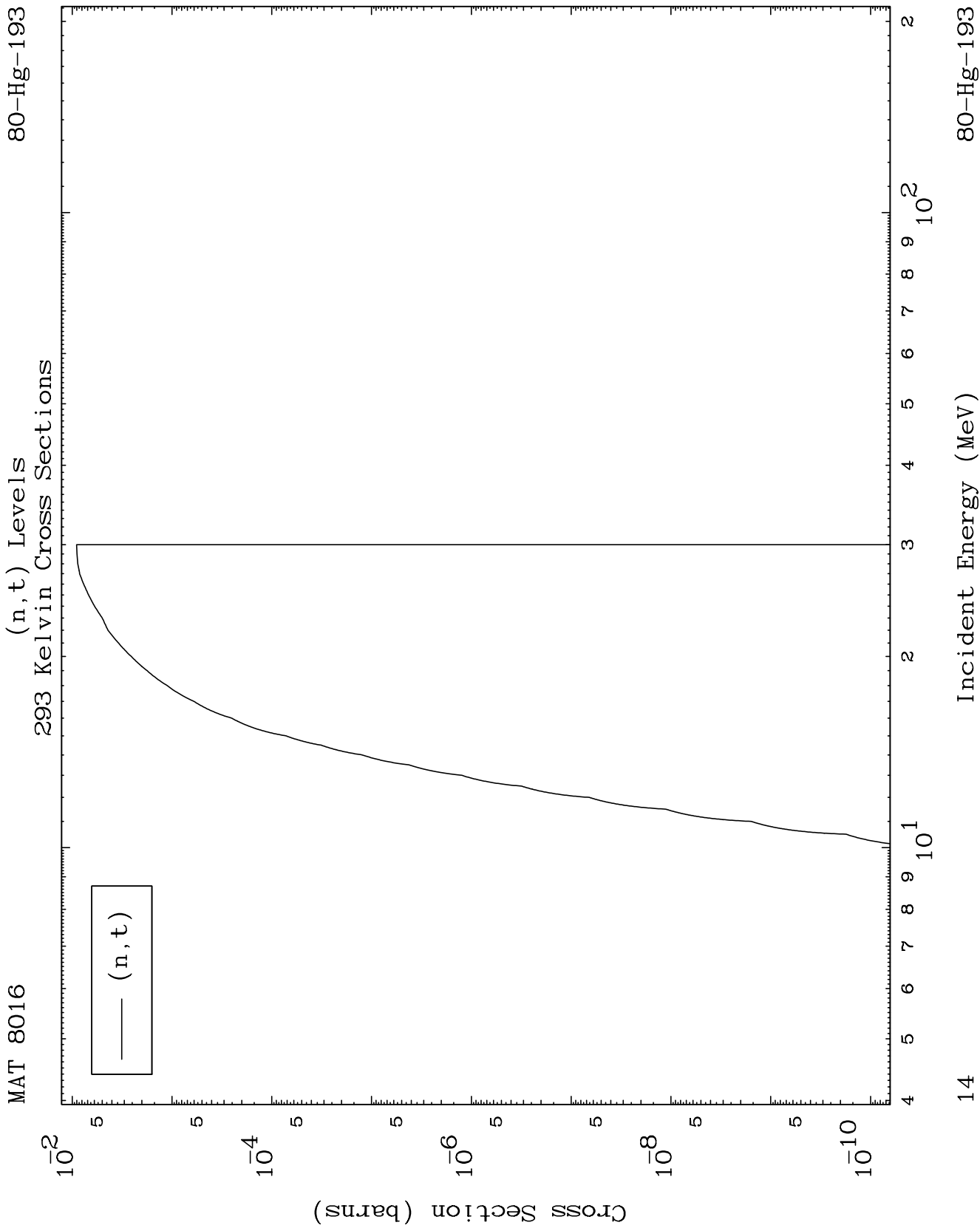
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13

Incident Energy (MeV)

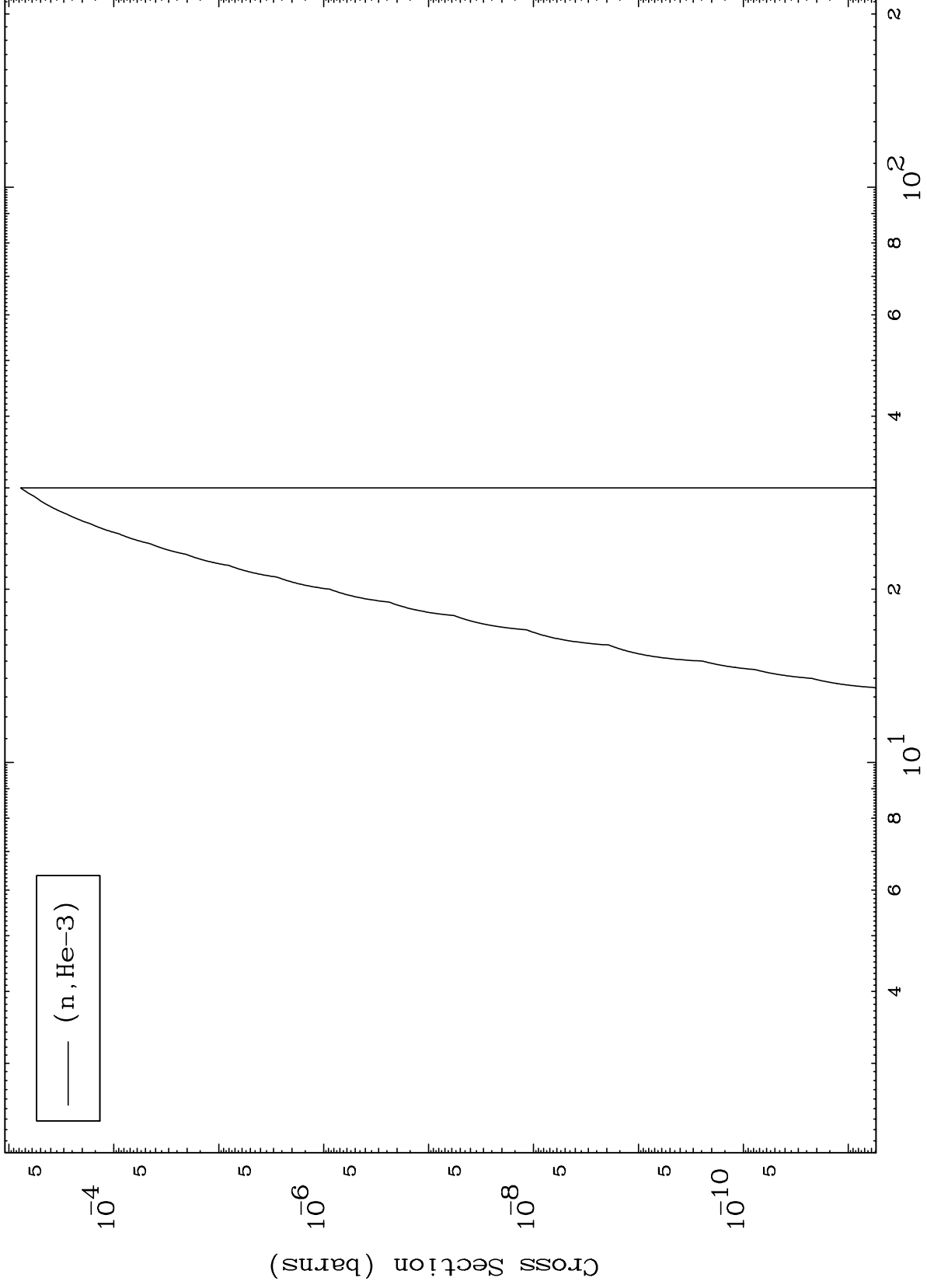
80-Hg-193



MAT 8016

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-193



15

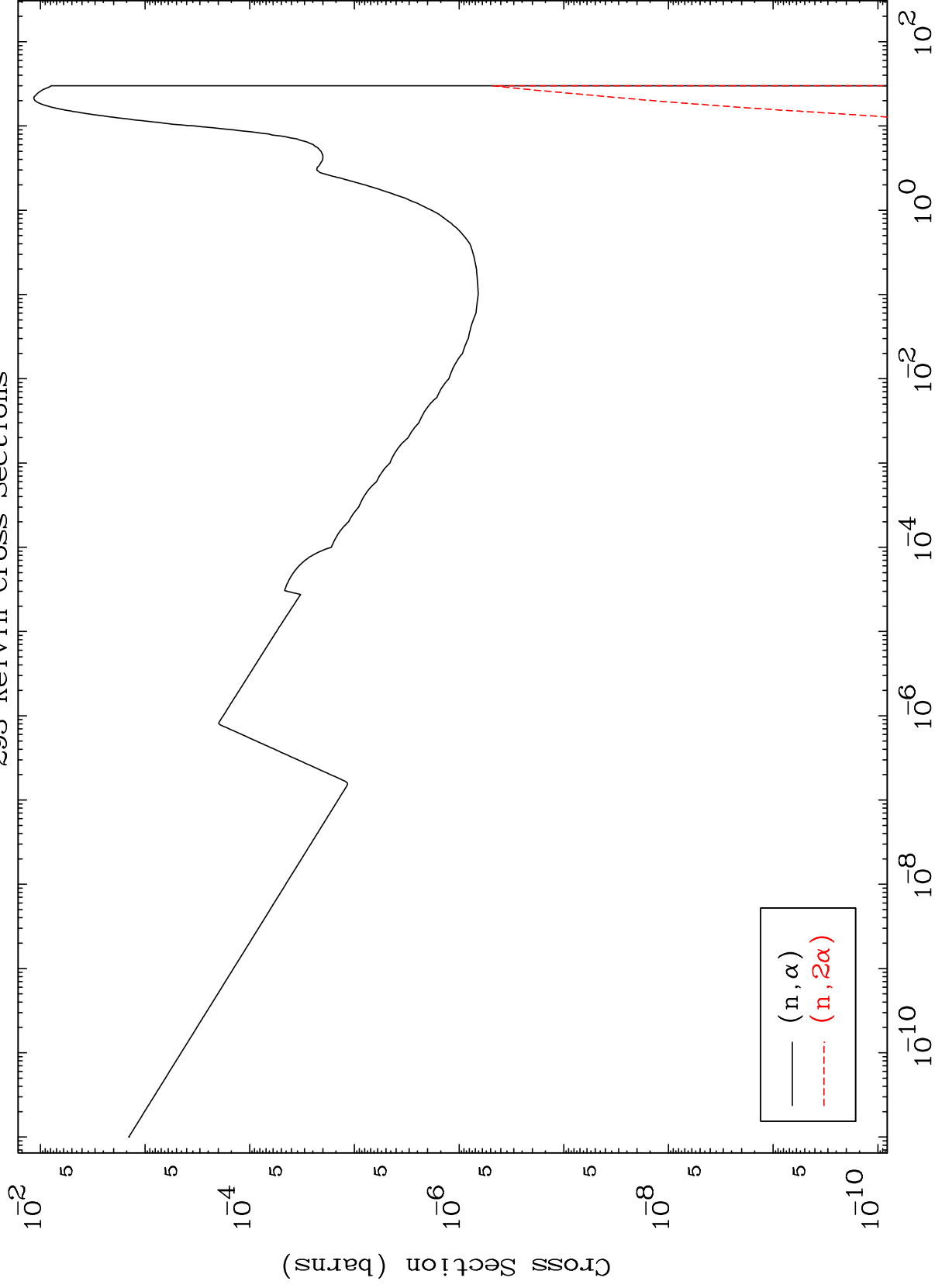
Incident Energy (MeV)

80-Hg-193

MAT 8016

(n,α) Levels
293 Kelvin Cross Sections

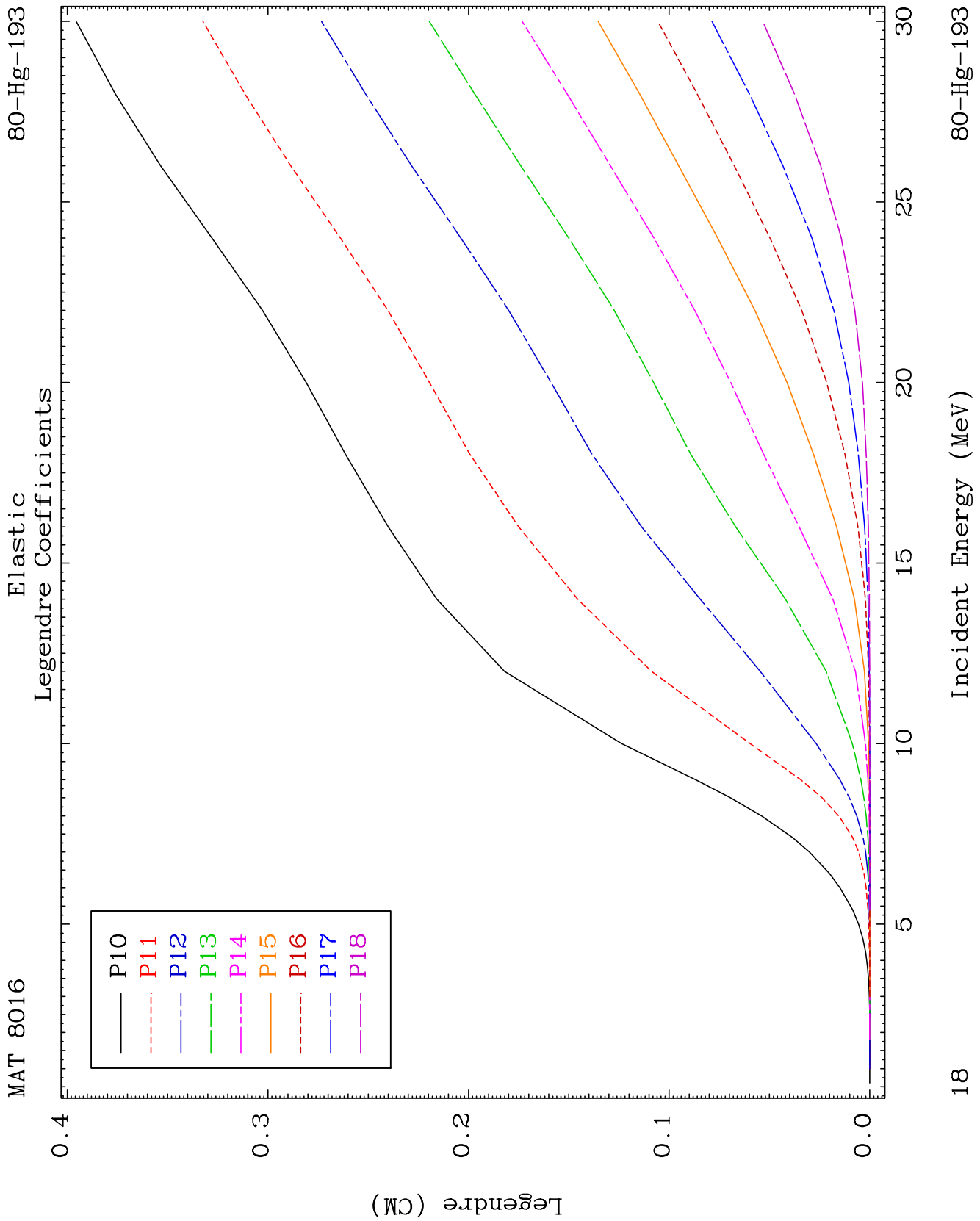
80-Hg-193



16

Incident Energy (MeV)

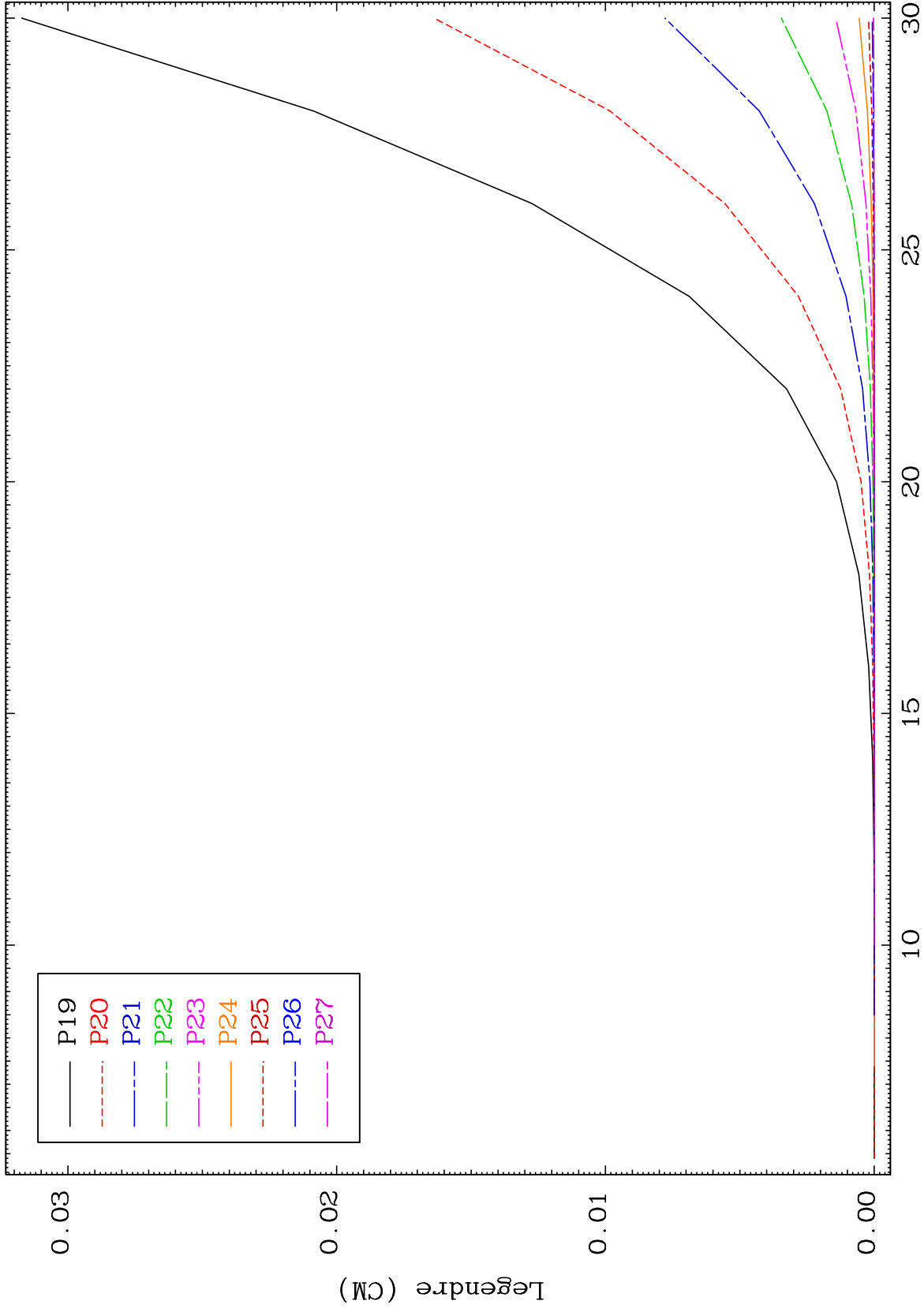
80-Hg-193



MAT 8016

Elastic Legendre Coefficients

80-Hg-193



19

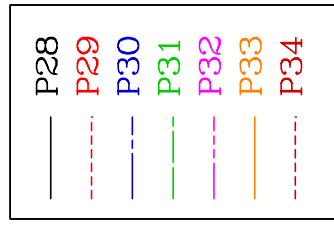
Incident Energy (MeV)

80-Hg-193

MAT 8016

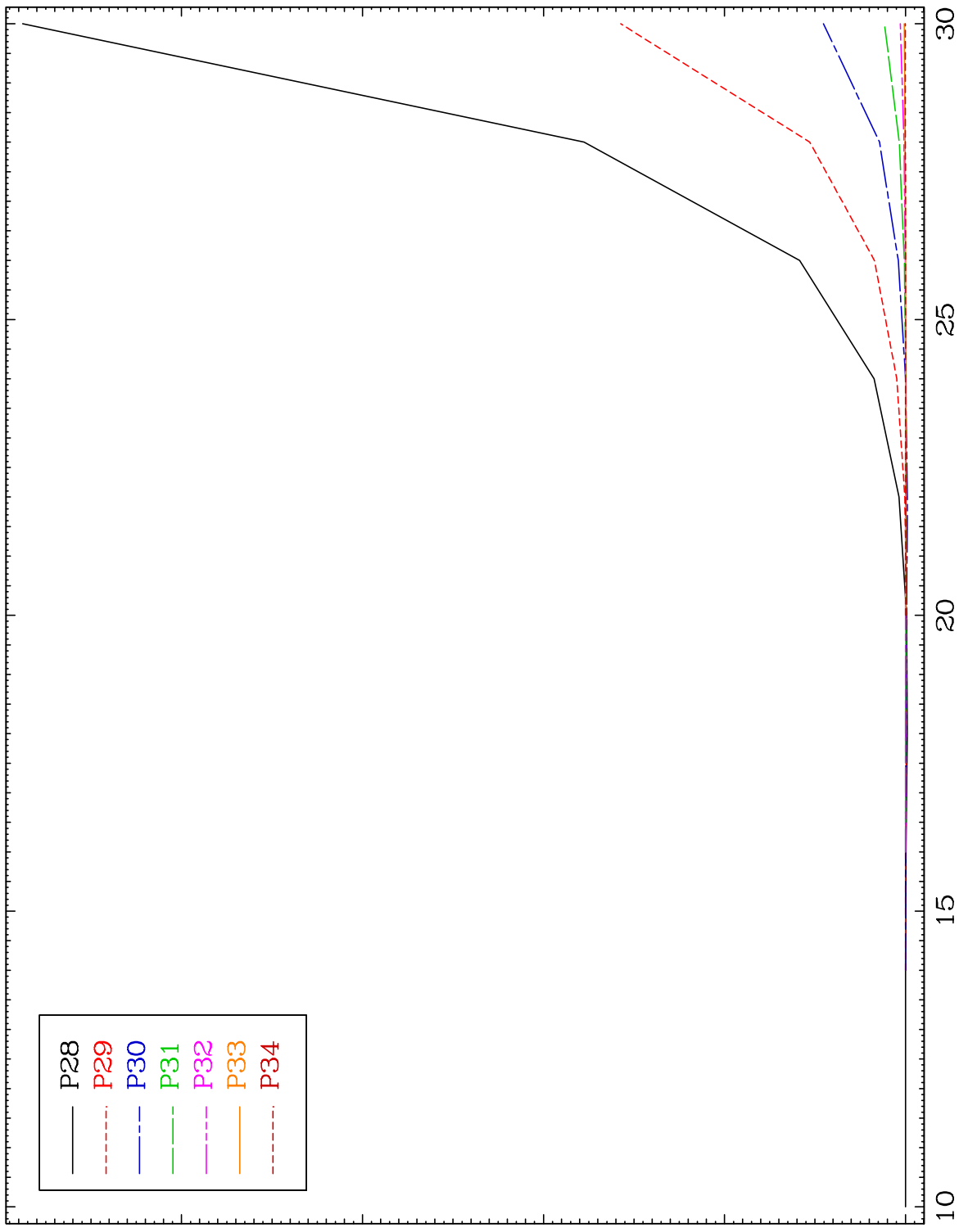
Elastic
Legendre Coefficients

80-Hg-193



$\times 10^{-6}$

Legendre (CM)



10

15

20

25

30

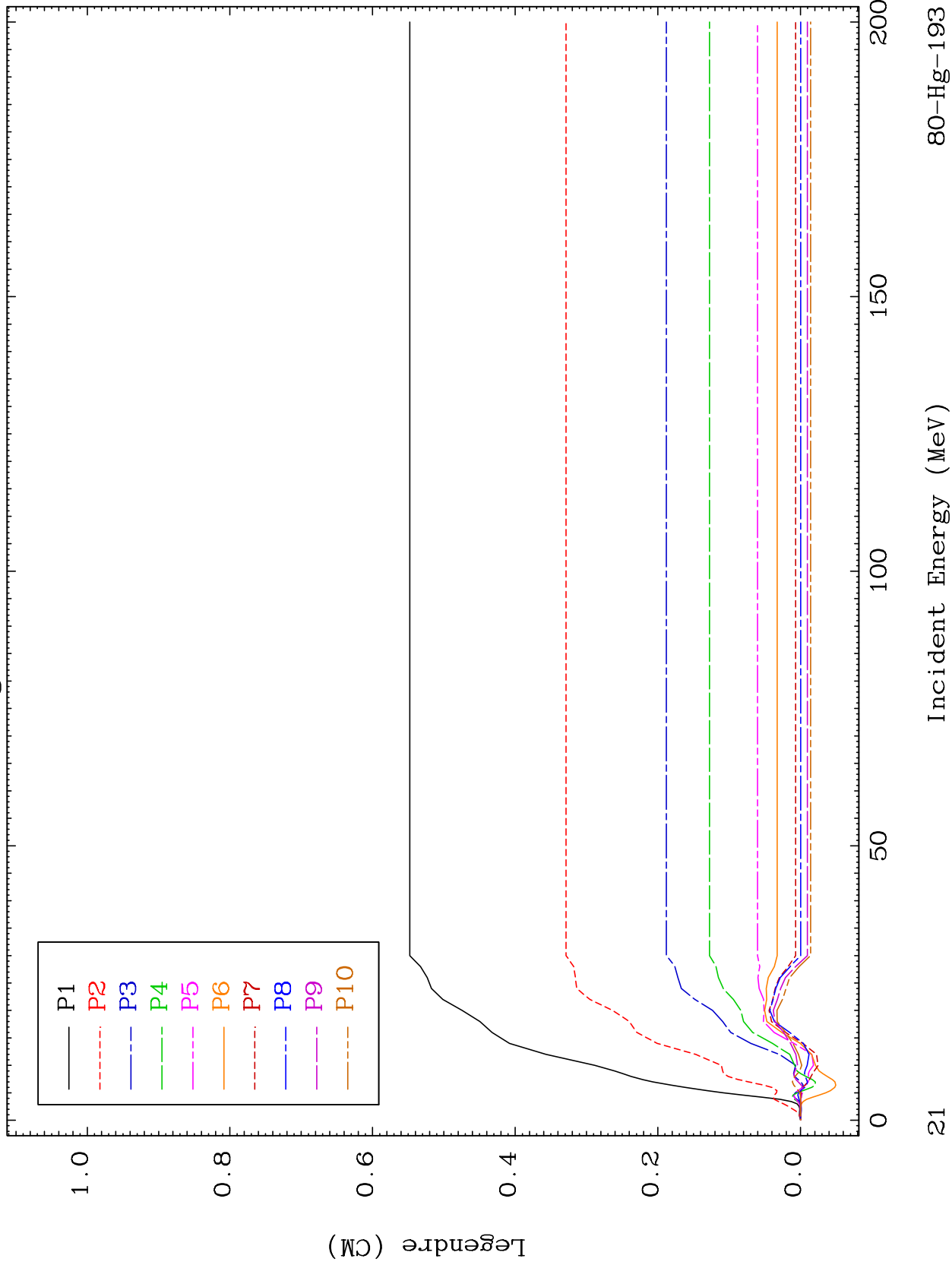
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



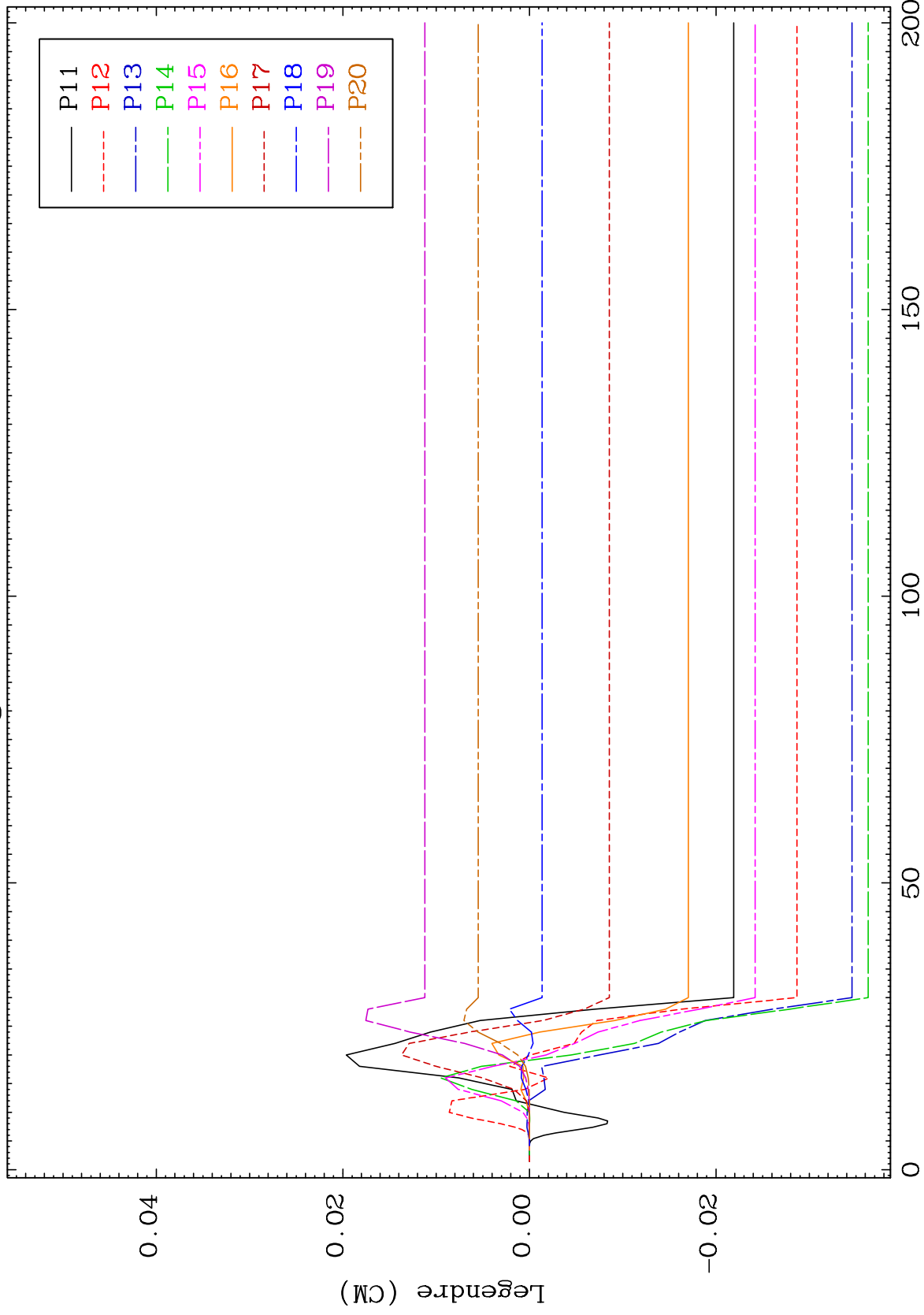
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80-Hg-193

MAT 8016

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

80-Hg-193



22

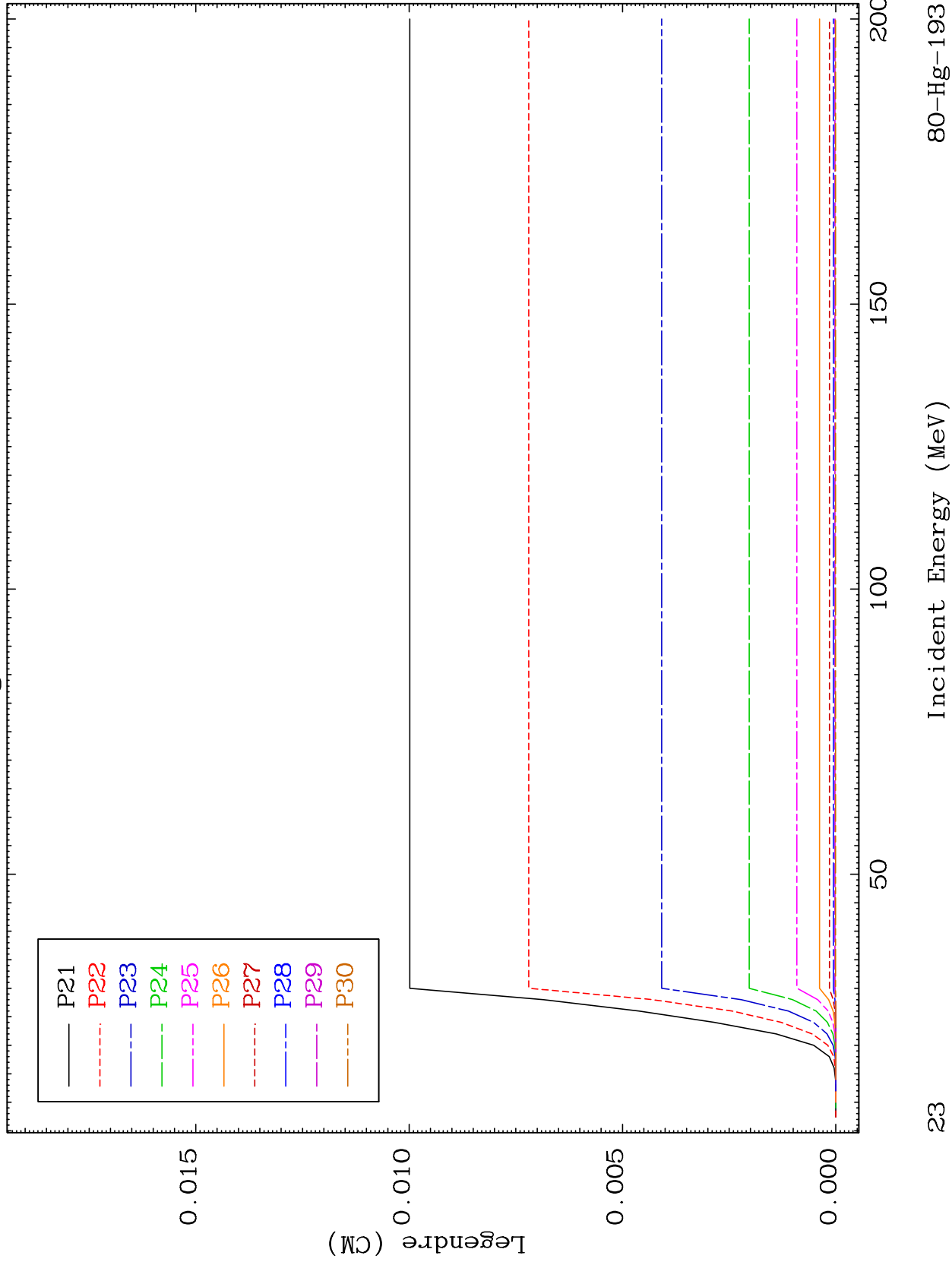
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



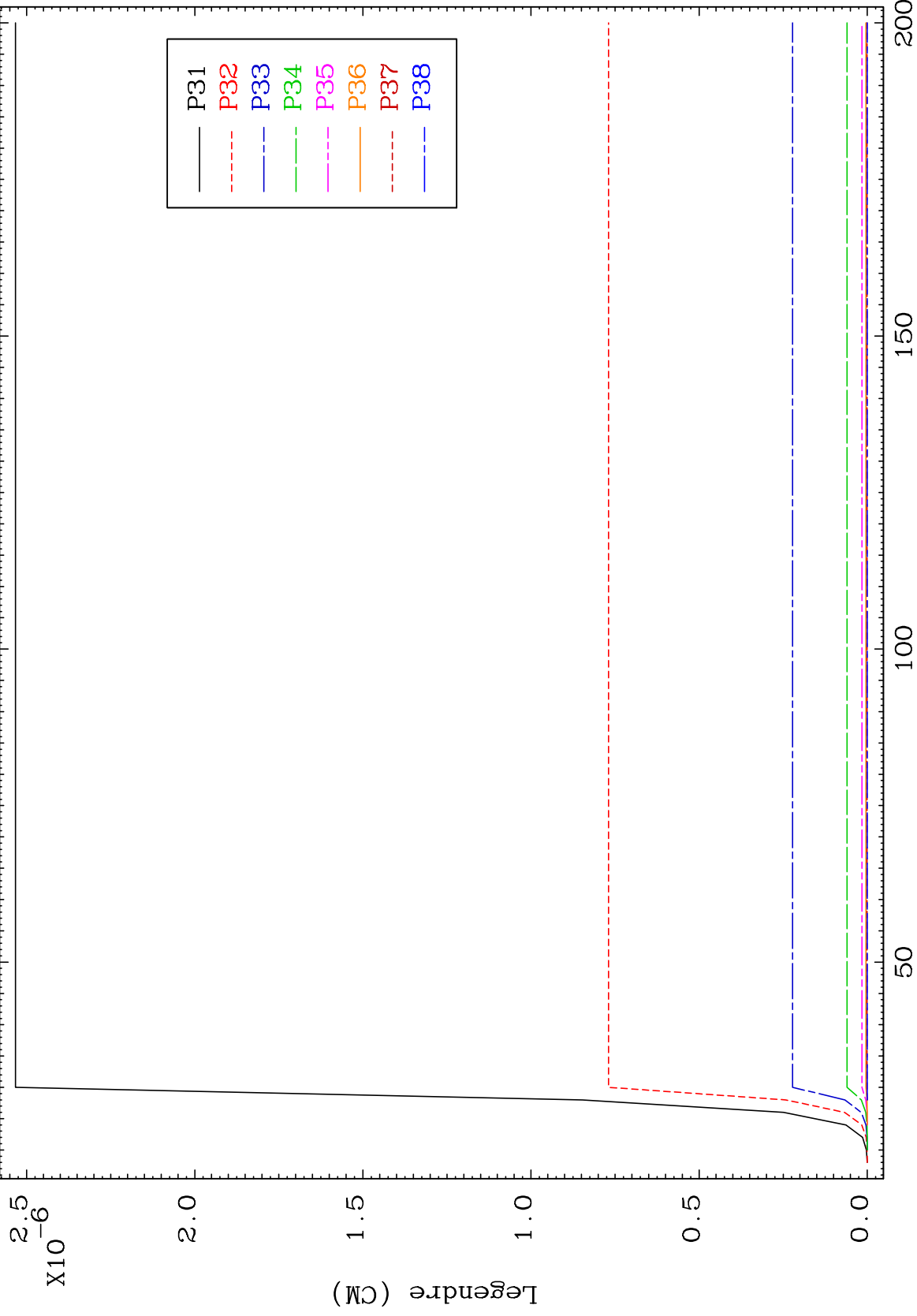
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80-Hg-193

MAT 8016

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

80-Hg-193



24

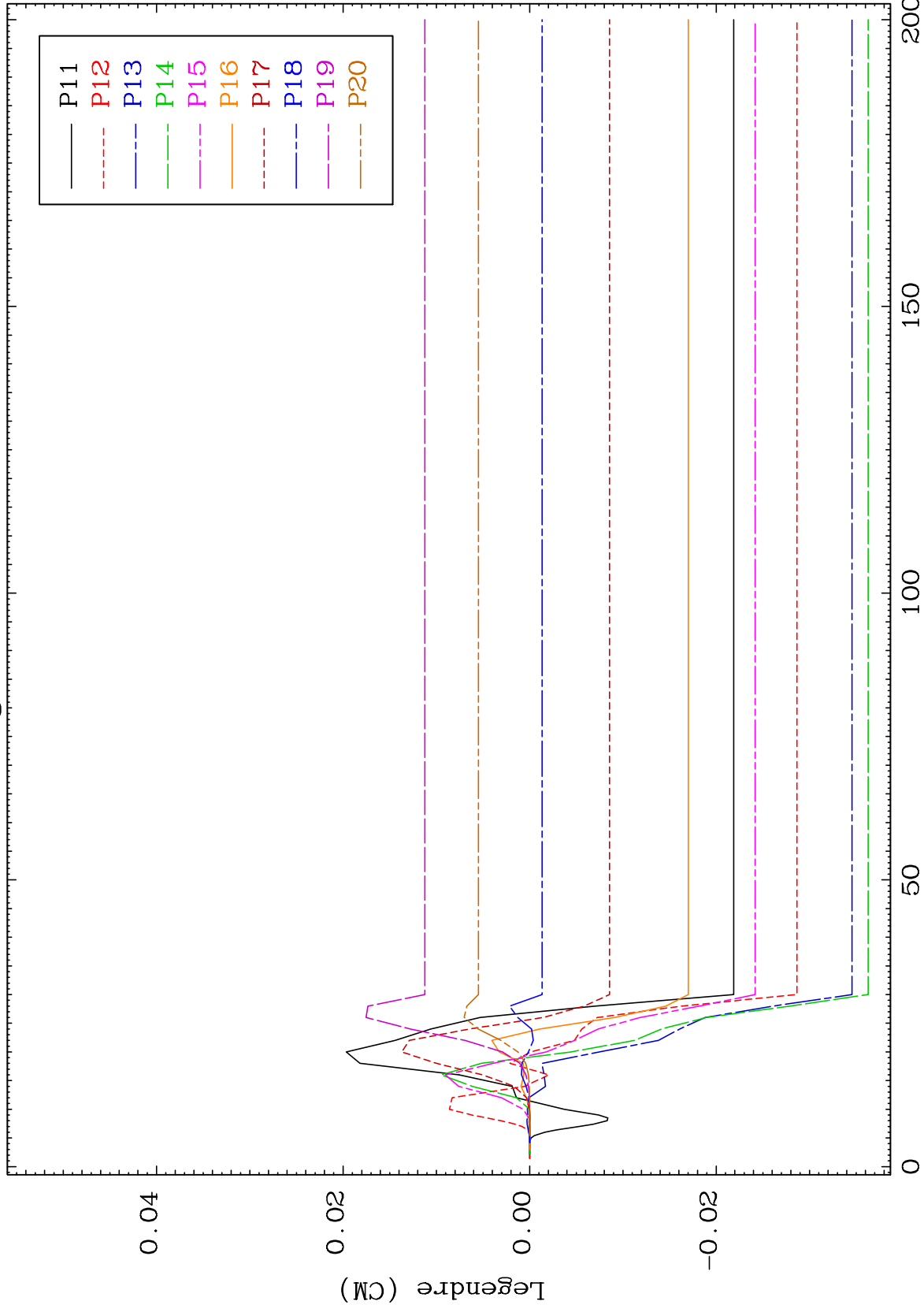
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

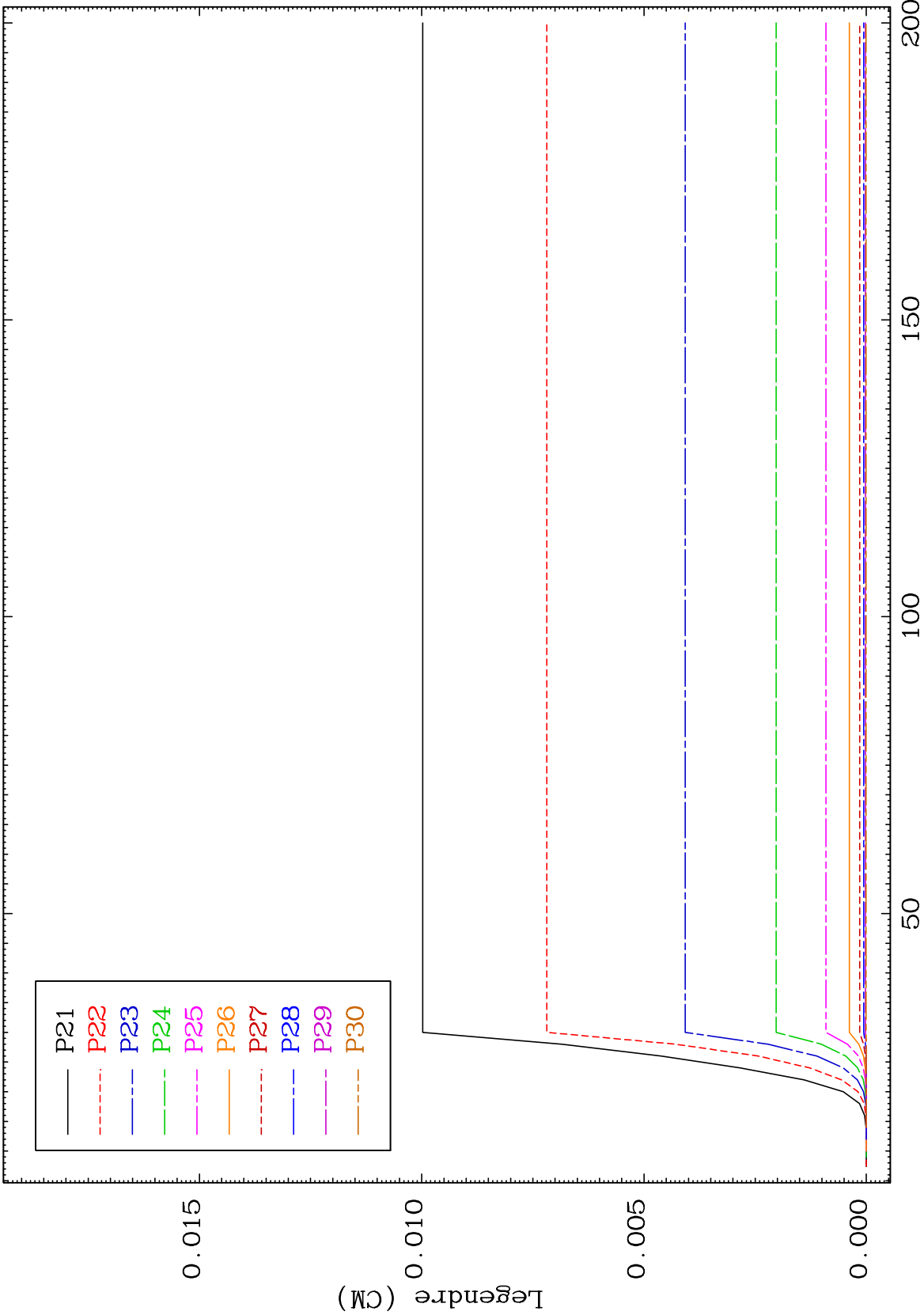
80-Hg-193



26

Incident Energy (MeV)

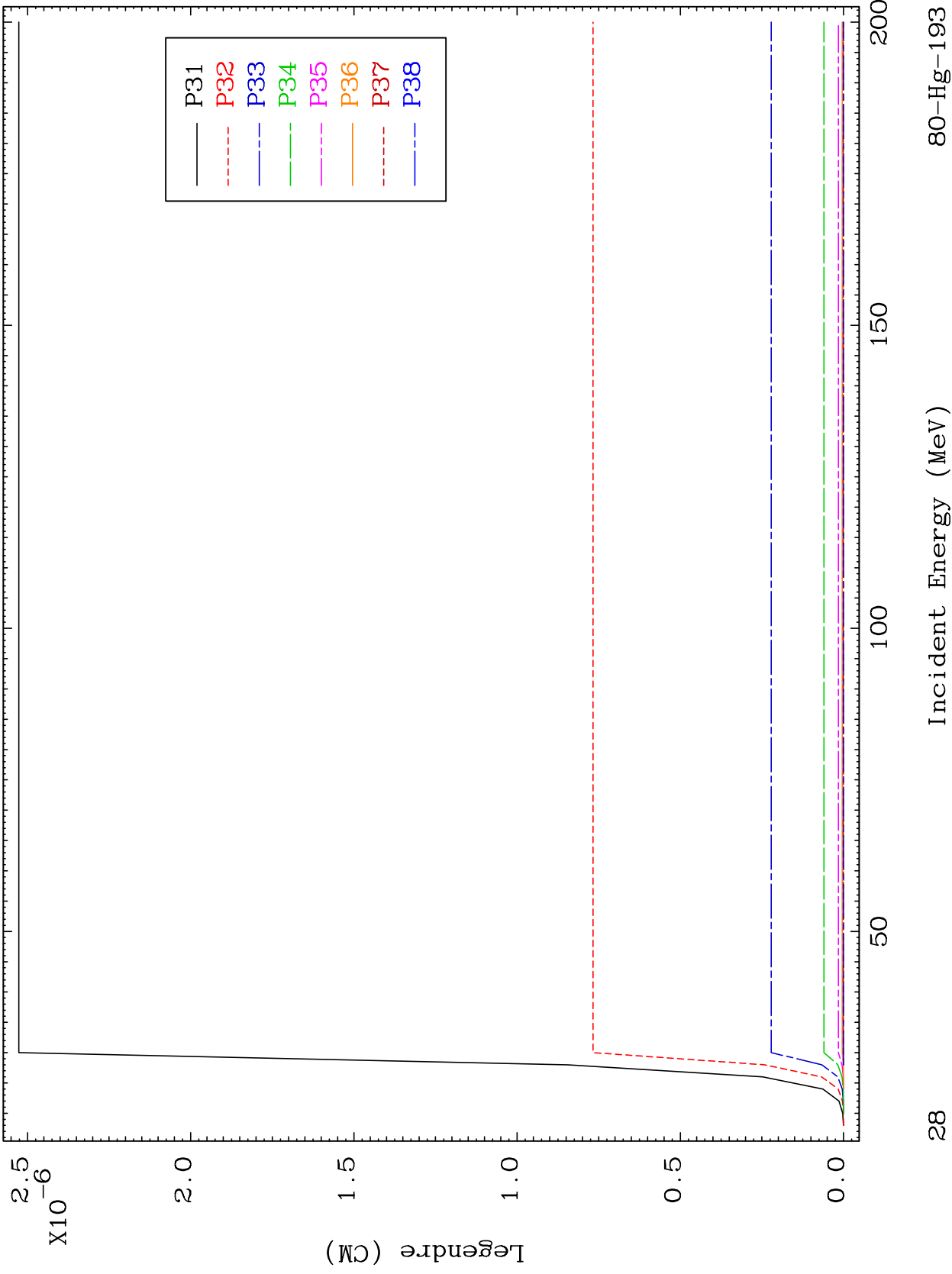
80-Hg-193



MAT 8016

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

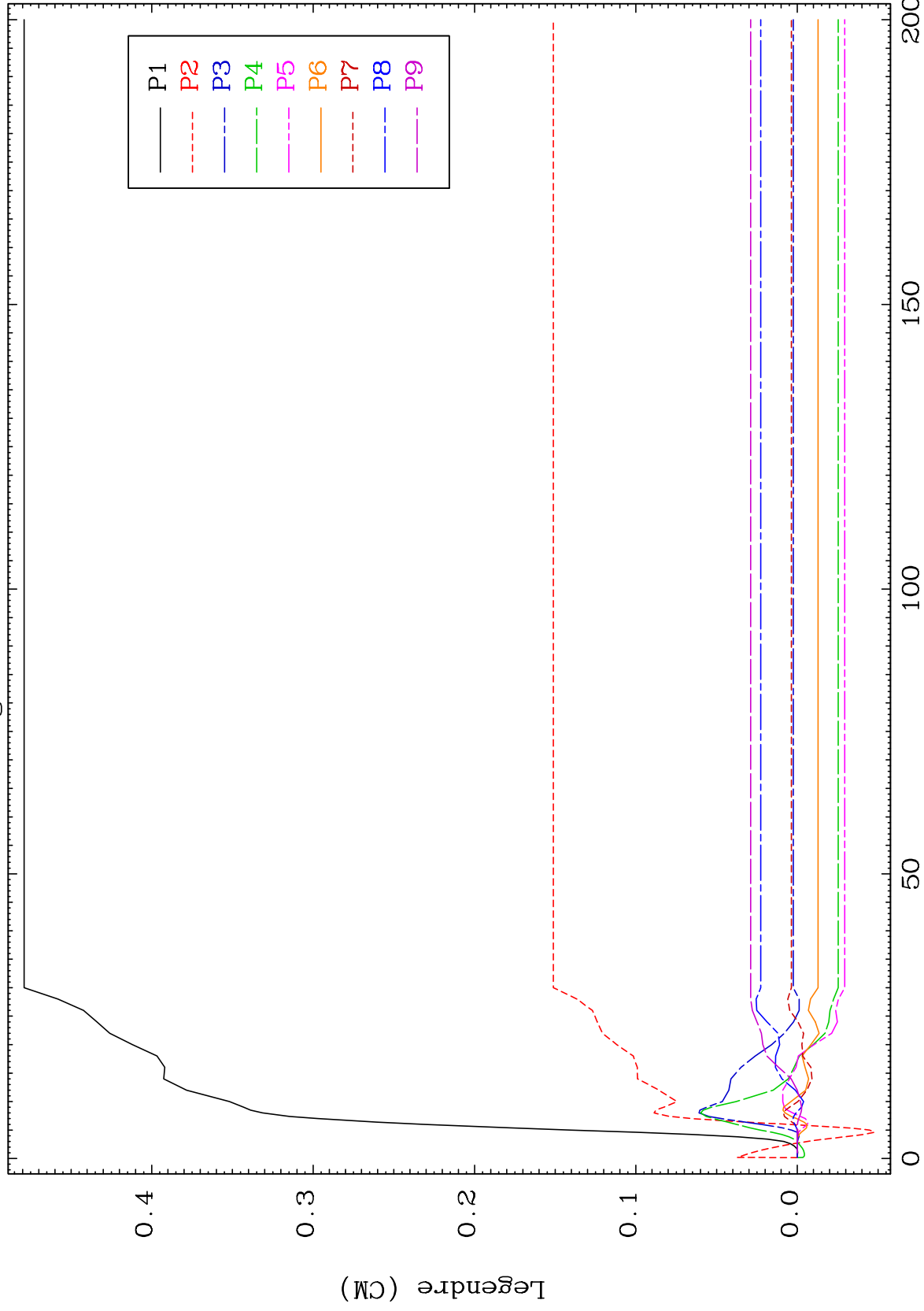
80-Hg-193



MAT 8016

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

80-Hg-193



29

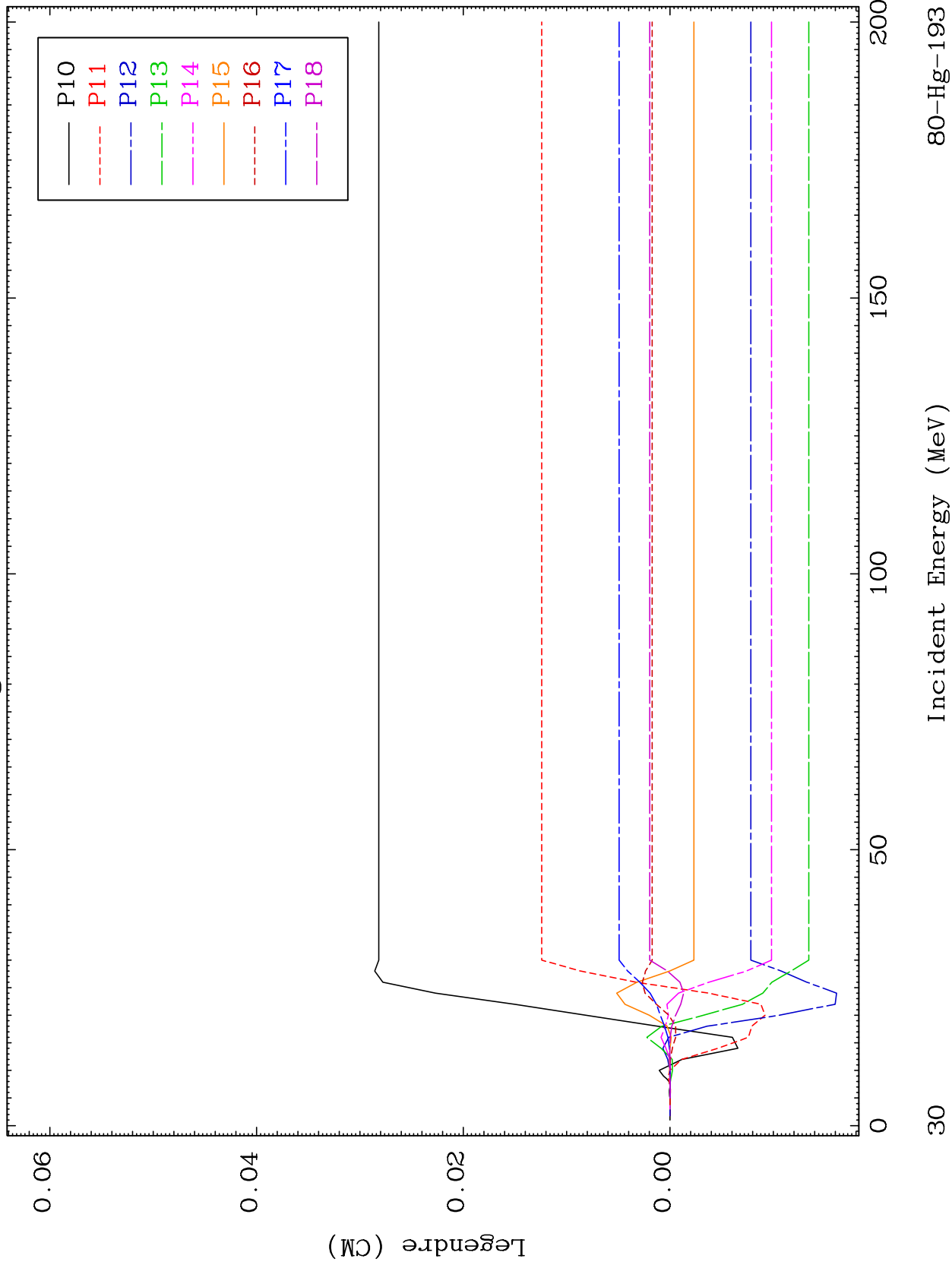
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

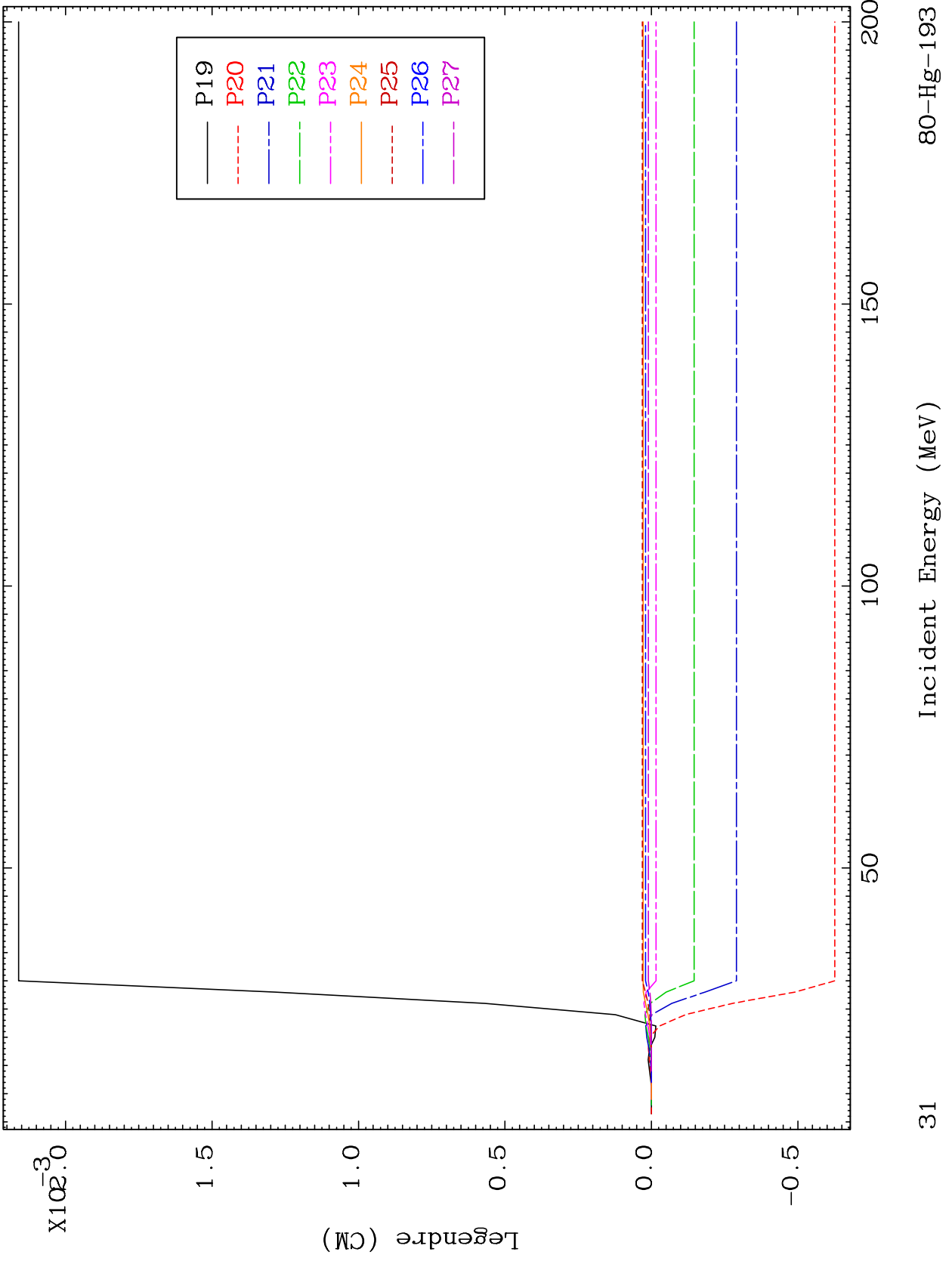
80-Hg-193



MAT 8016

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

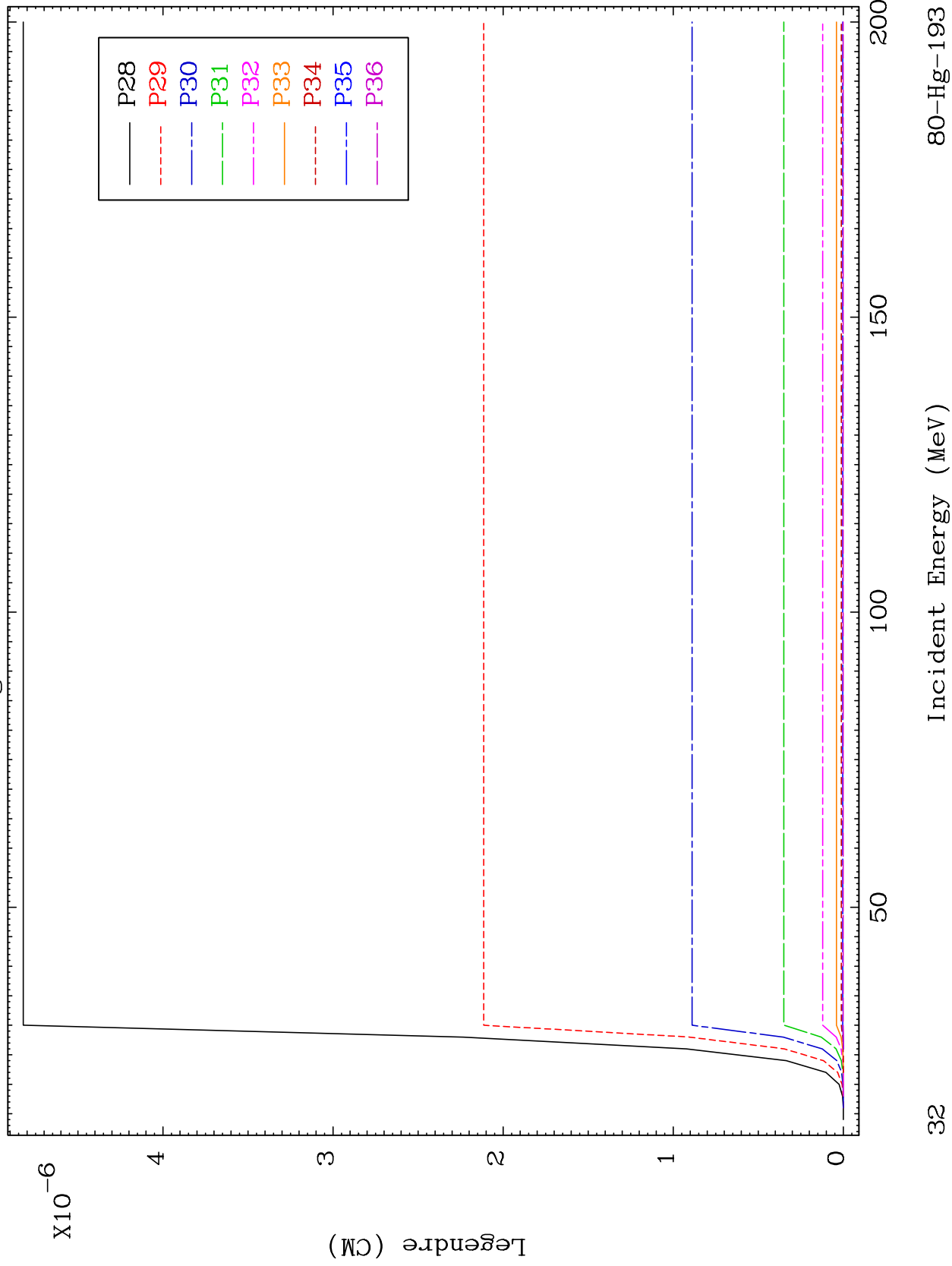
80-Hg-193

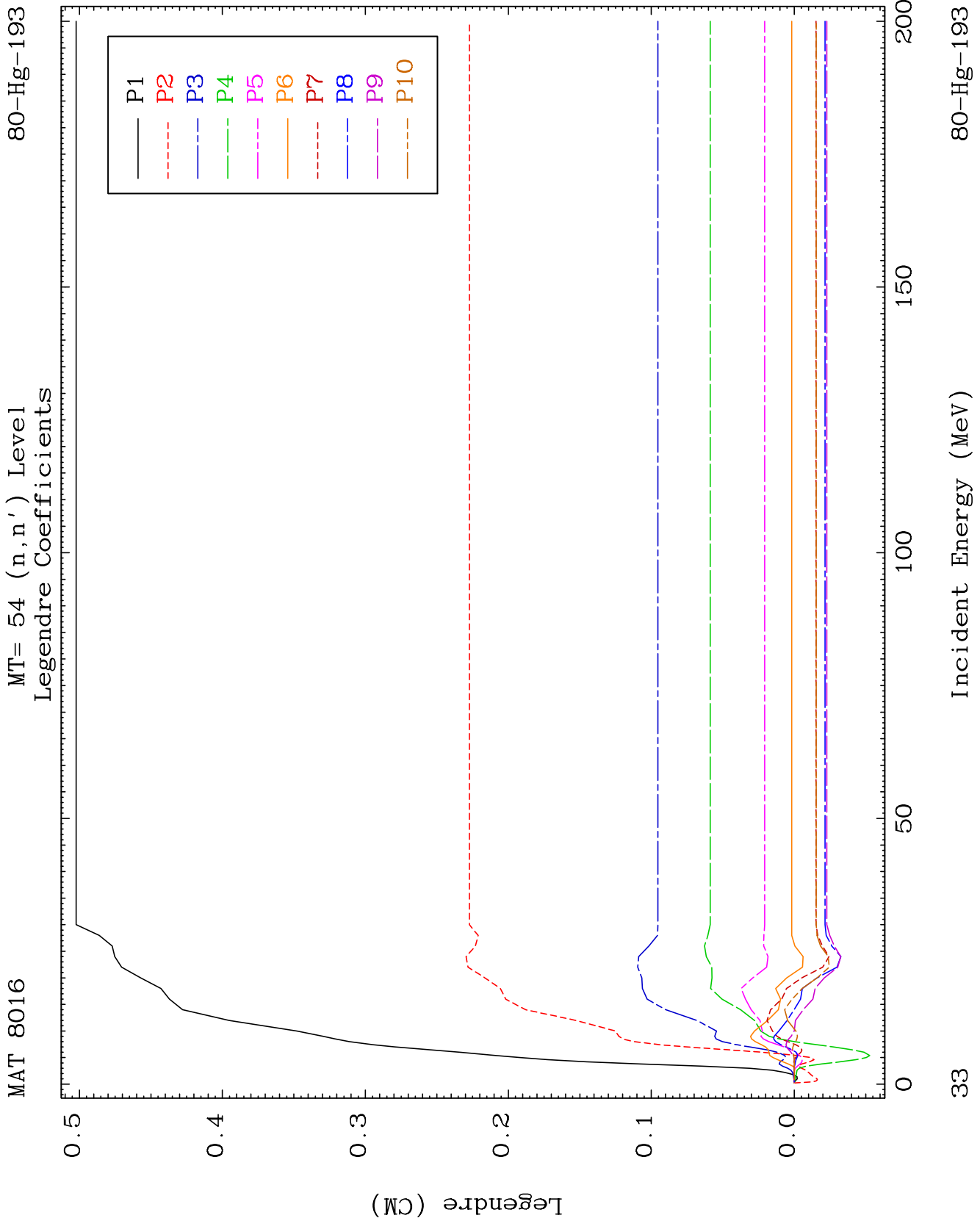


MAT 8016

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

80-Hg-193

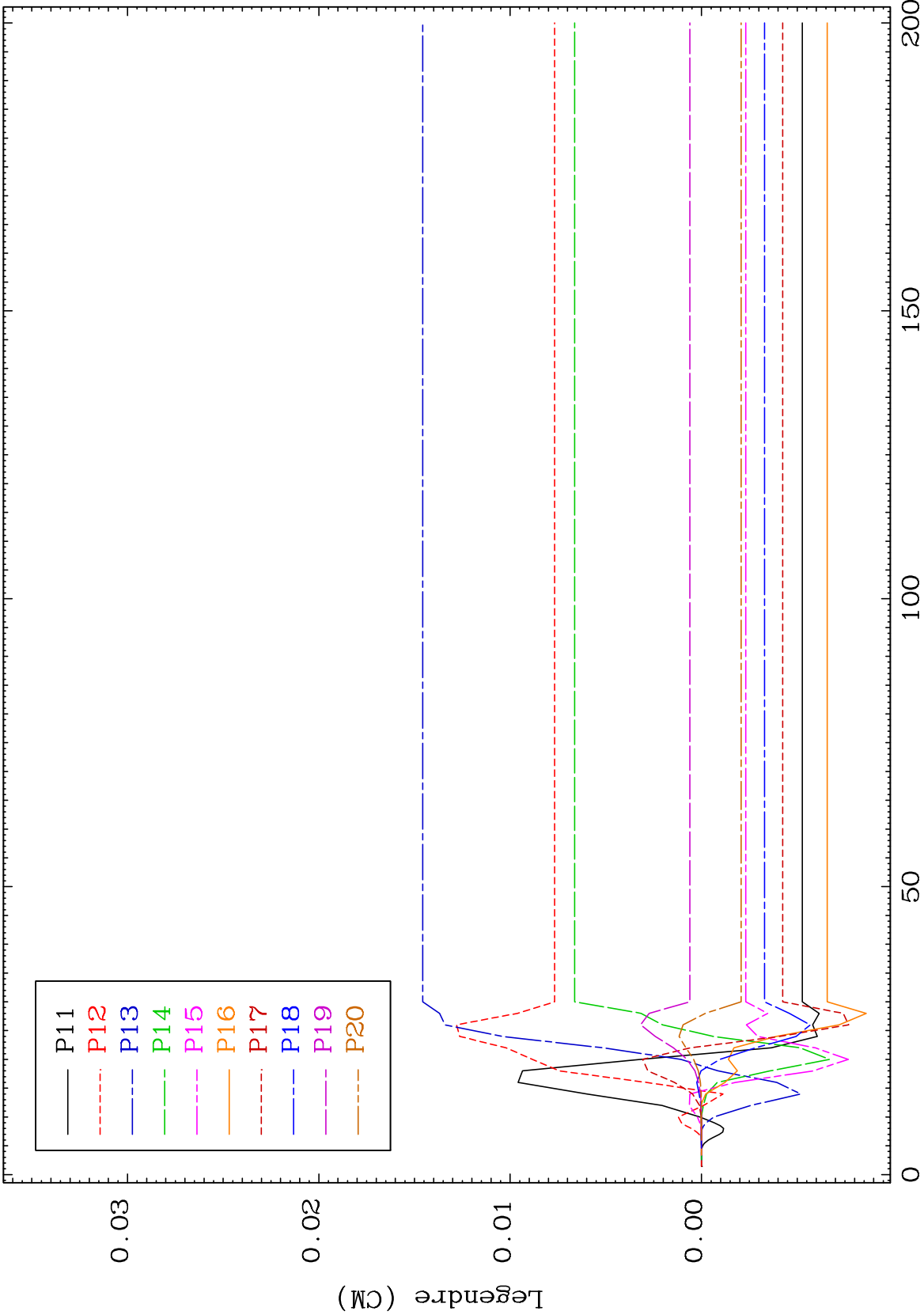




MAT 8016

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

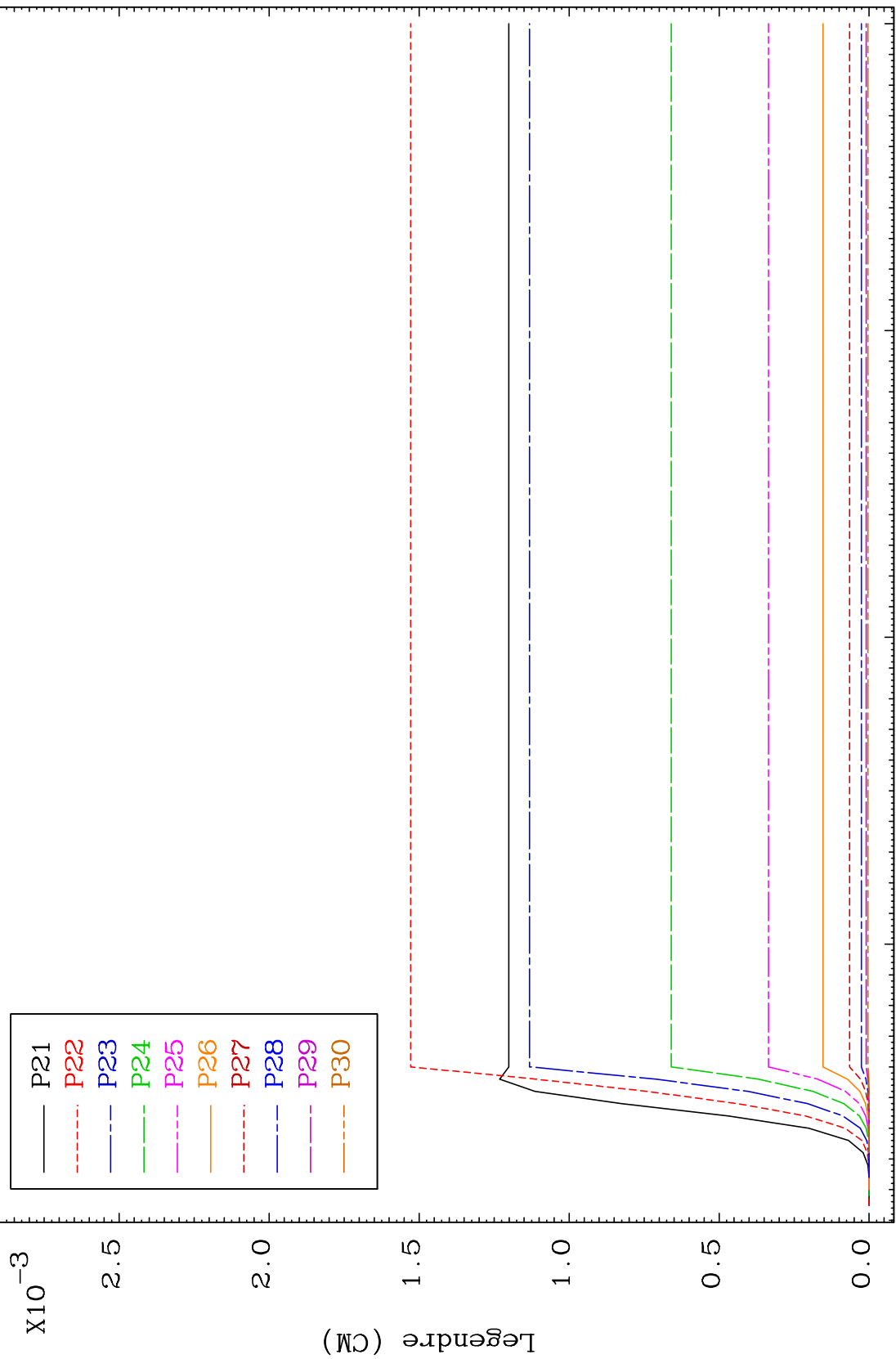
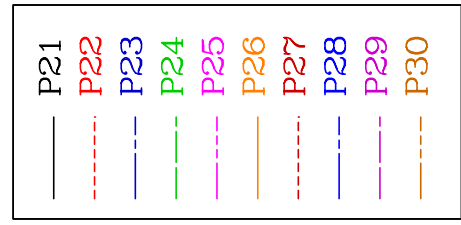
80-Hg-193



MAT 8016

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

80-Hg-193



35

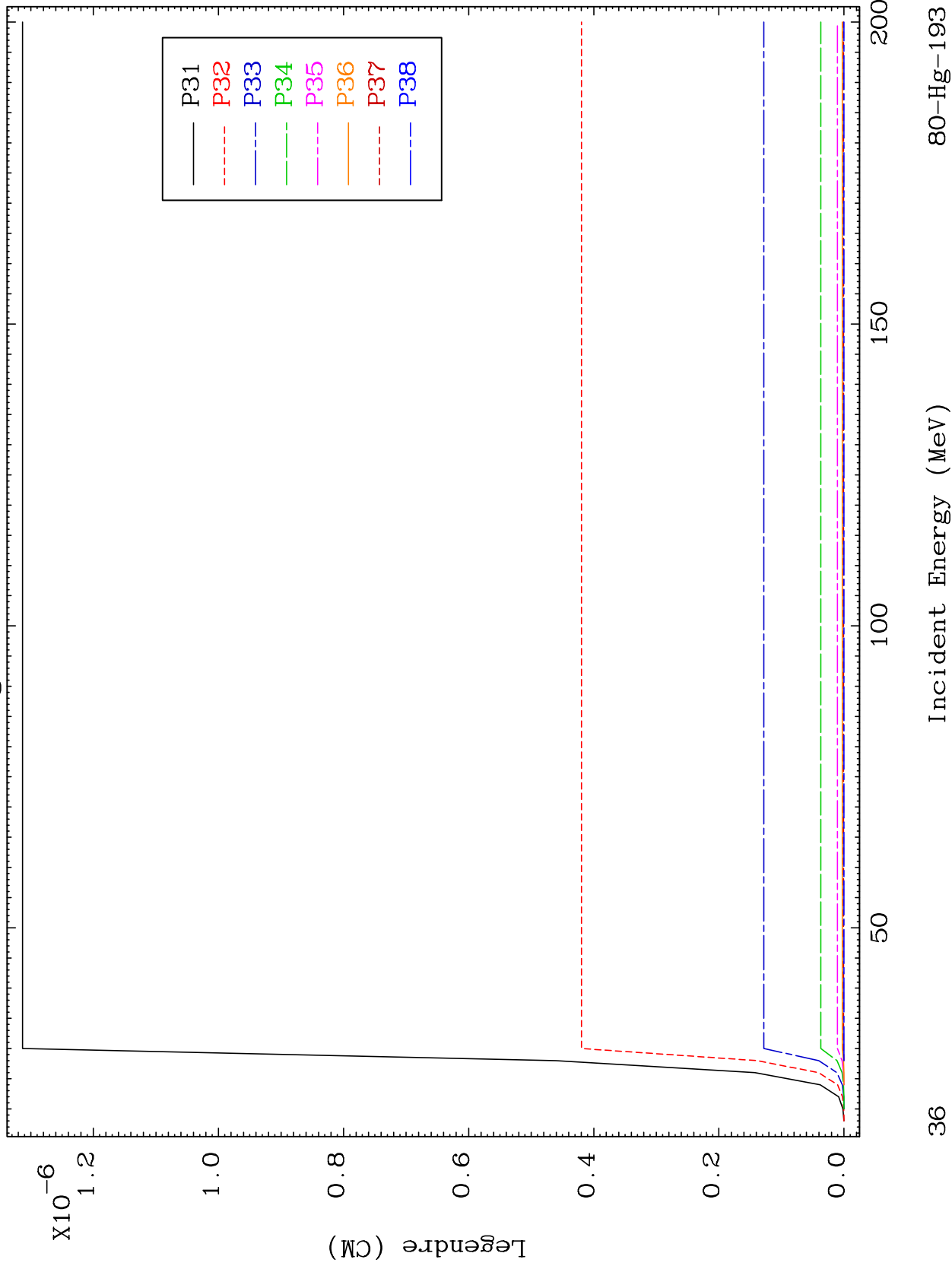
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

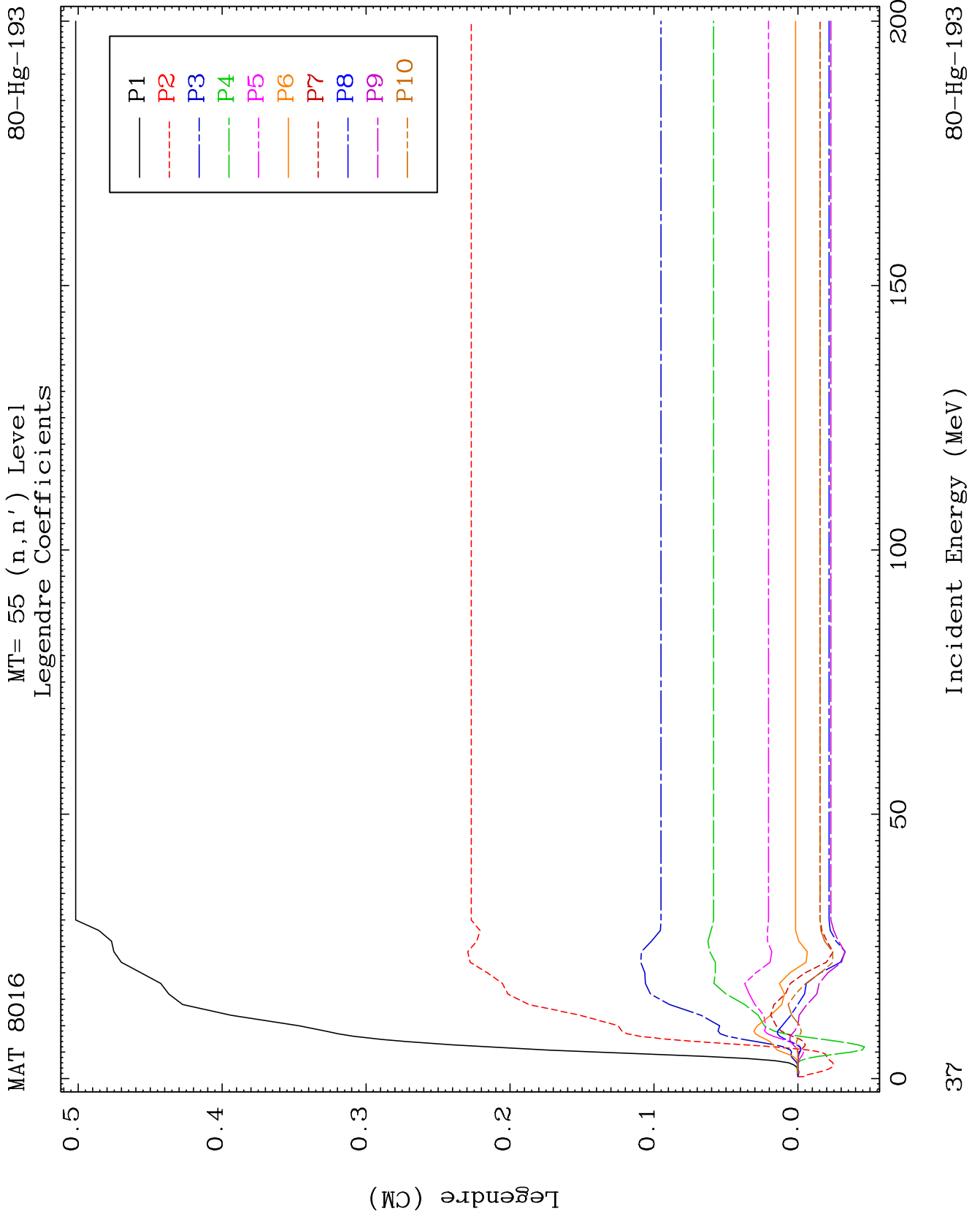
80-Hg-193



36

Incident Energy (MeV)

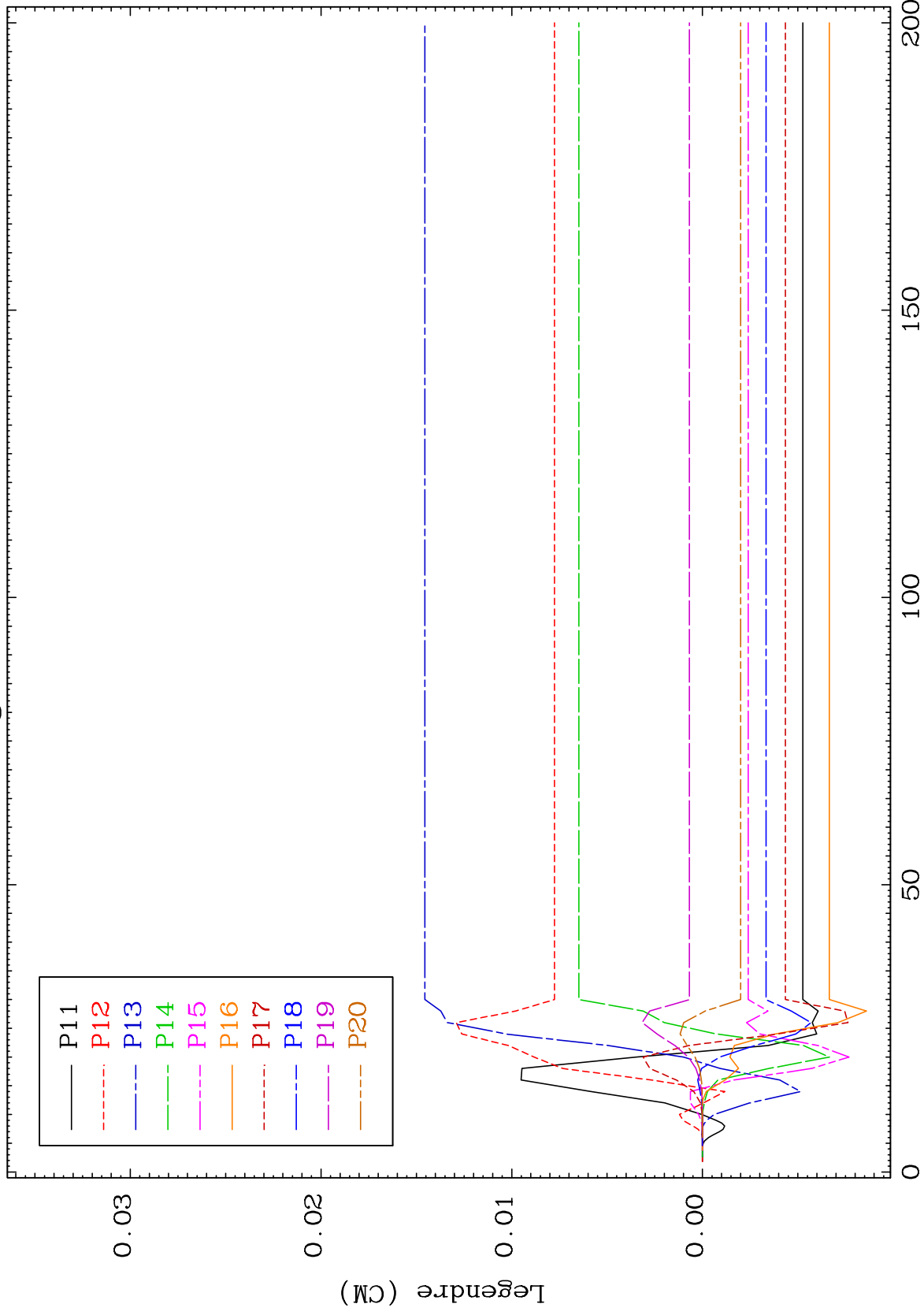
80-Hg-193



MAT 8016

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

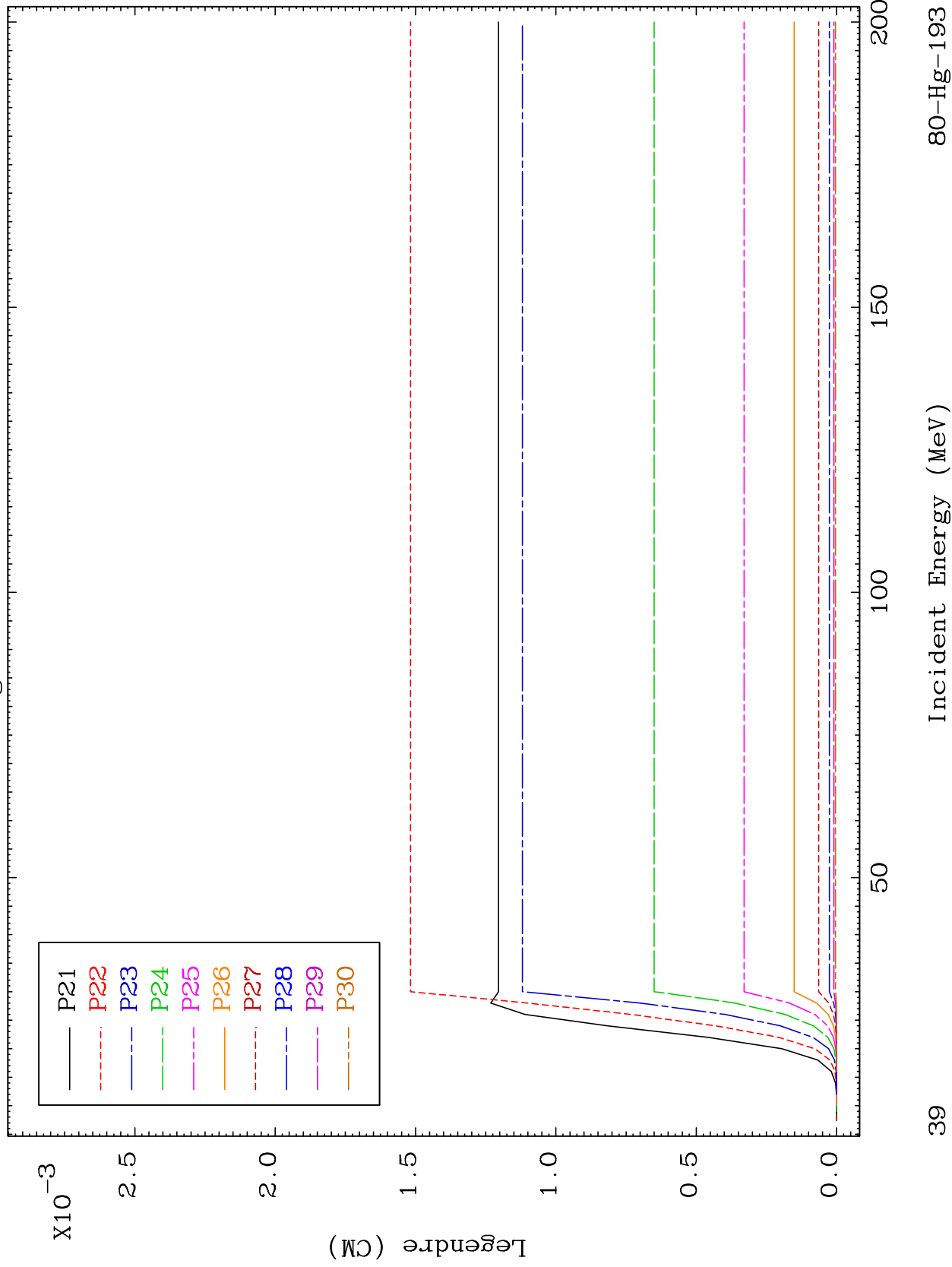
80-Hg-193



38

Incident Energy (MeV)

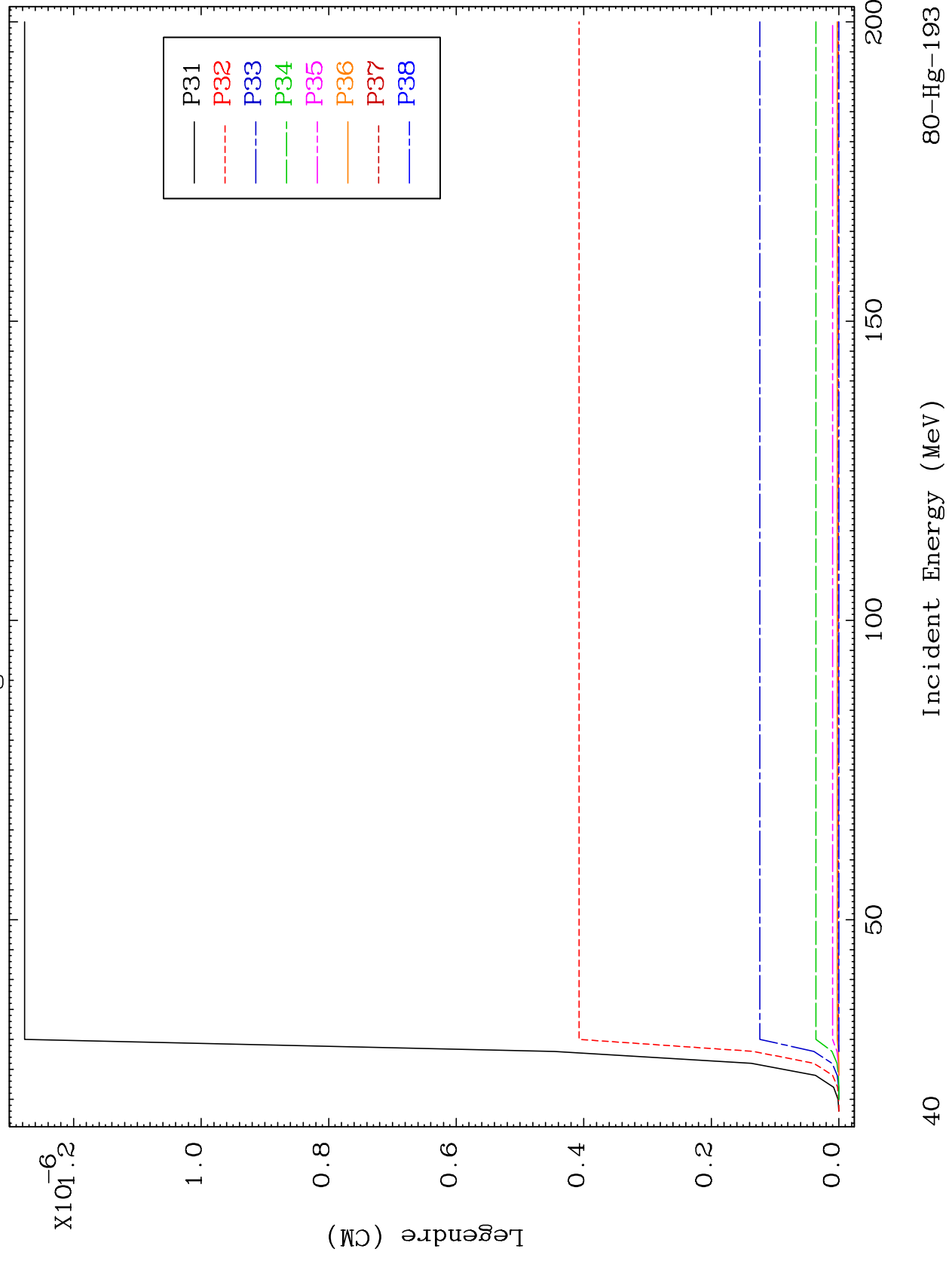
80-Hg-193



MAT 8016

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

80-Hg-193



40

50

100

150

200

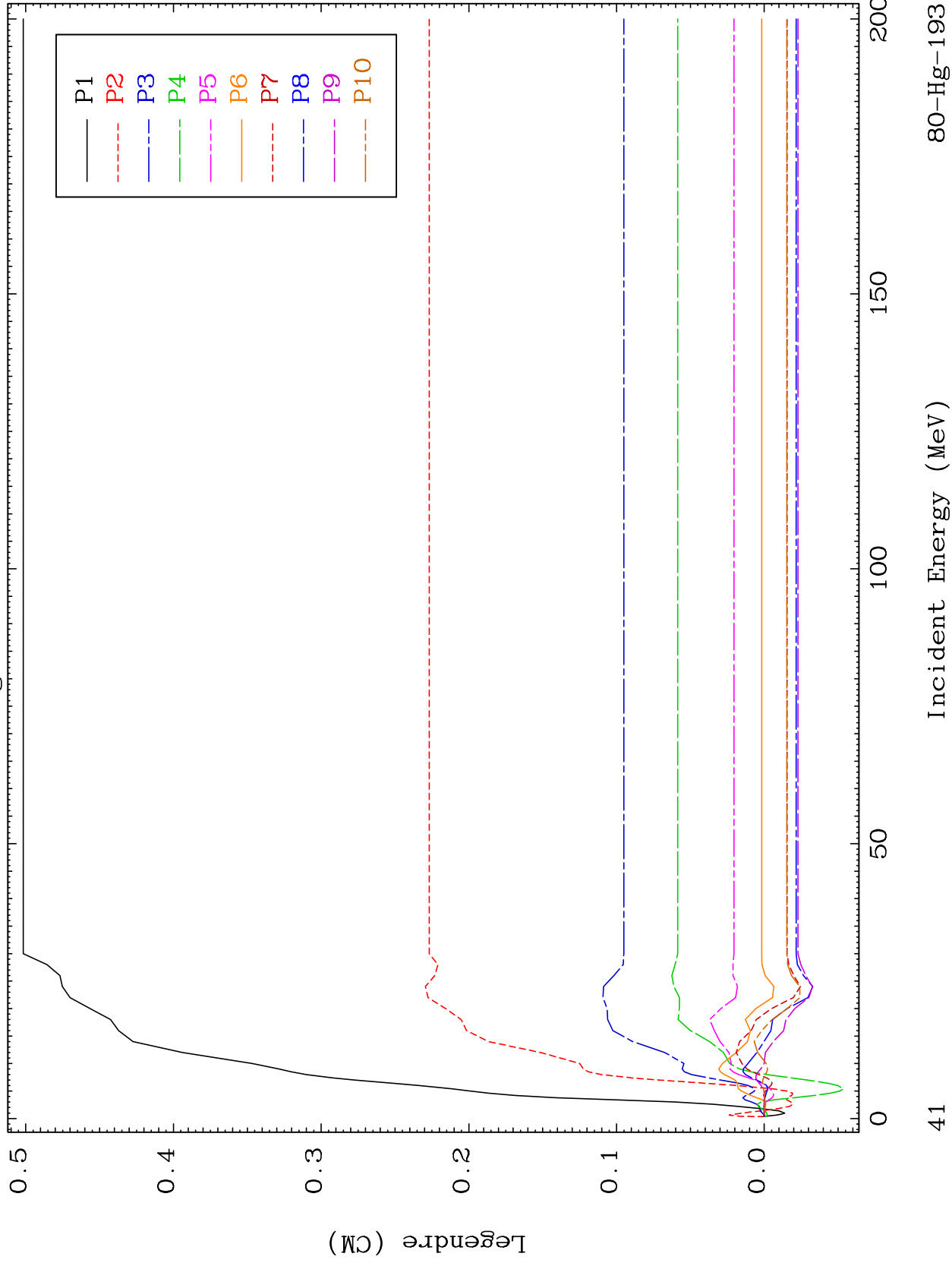
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

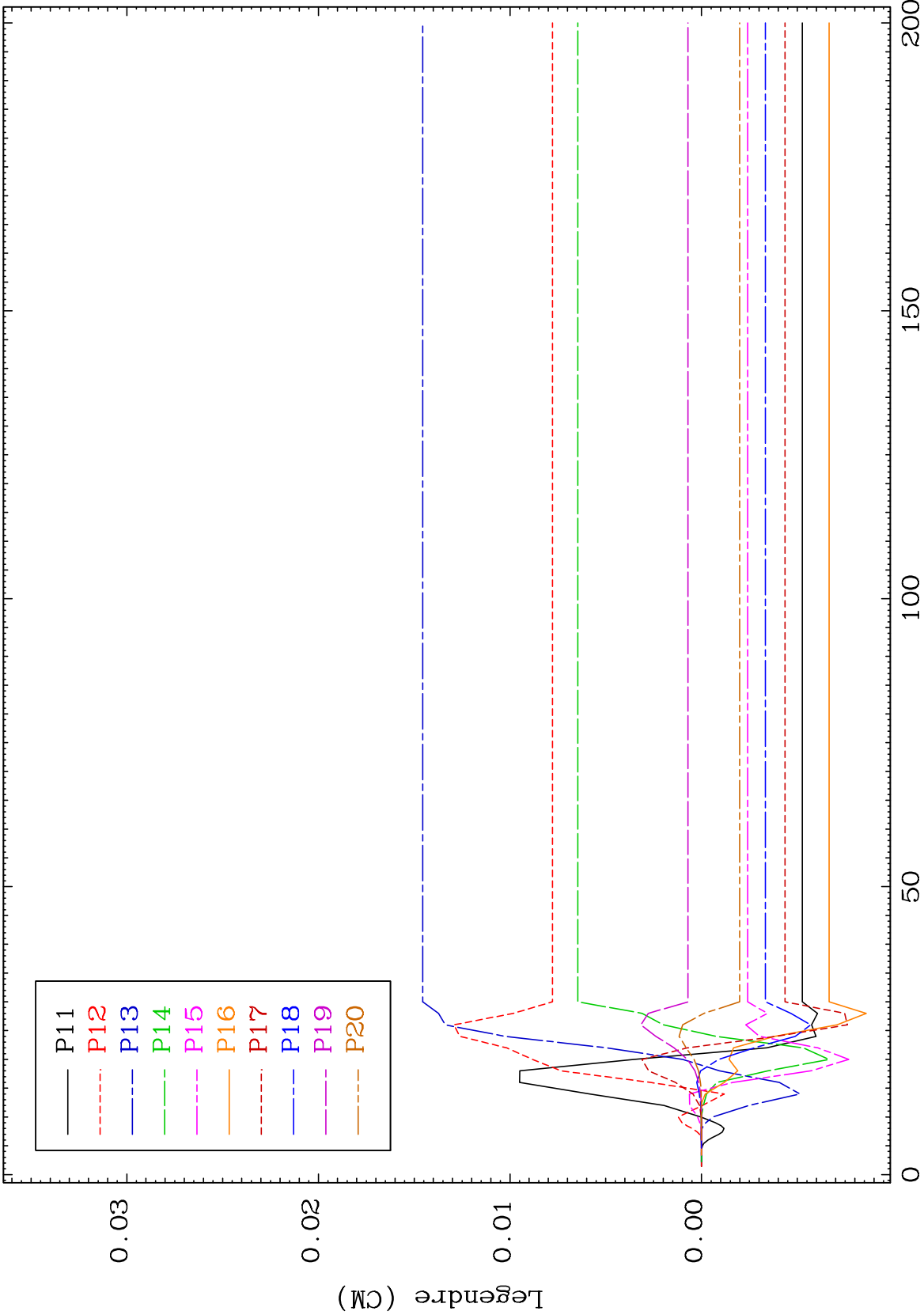
80-Hg-193



MAT 8016

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

80-Hg-193



42

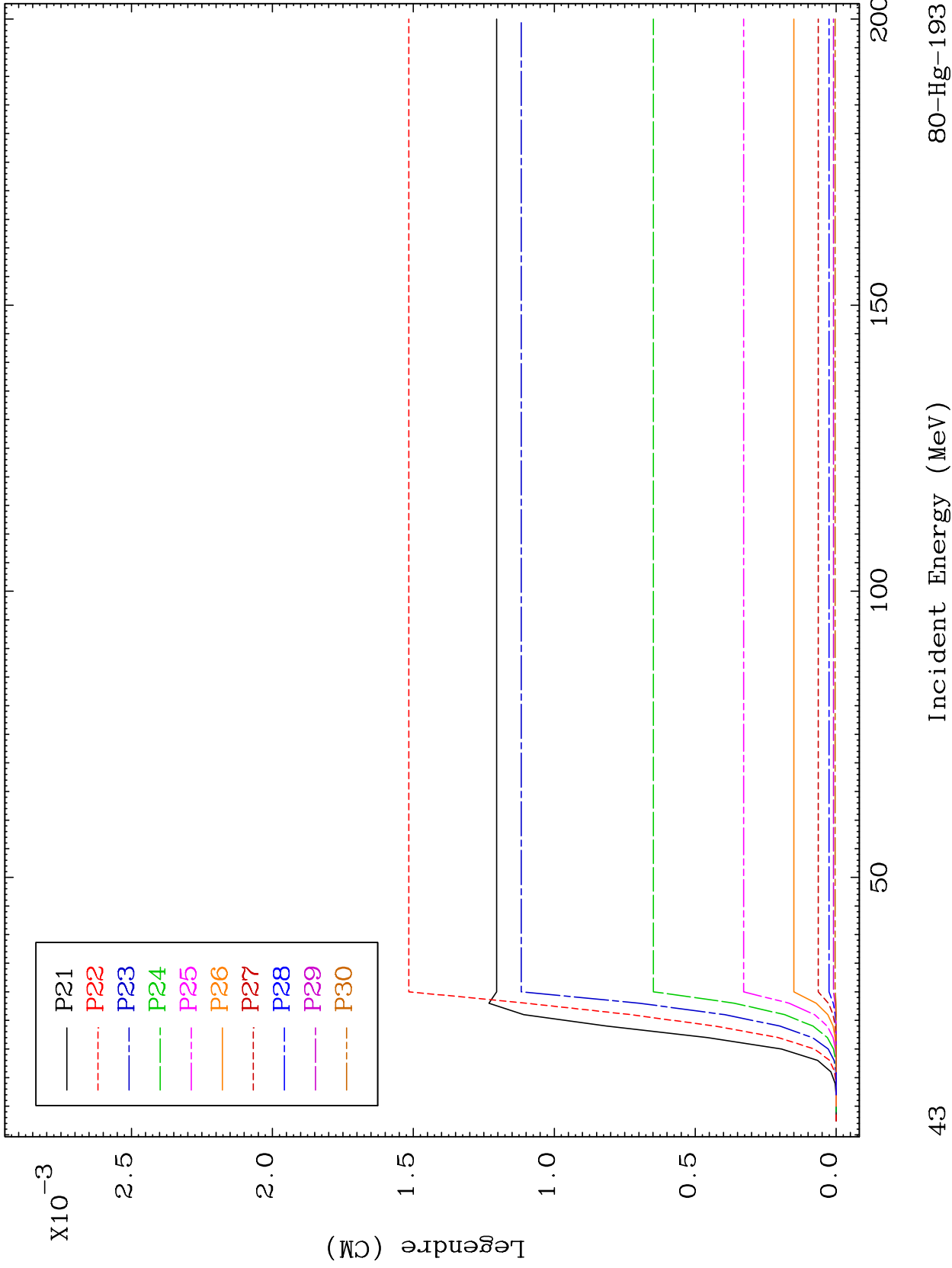
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

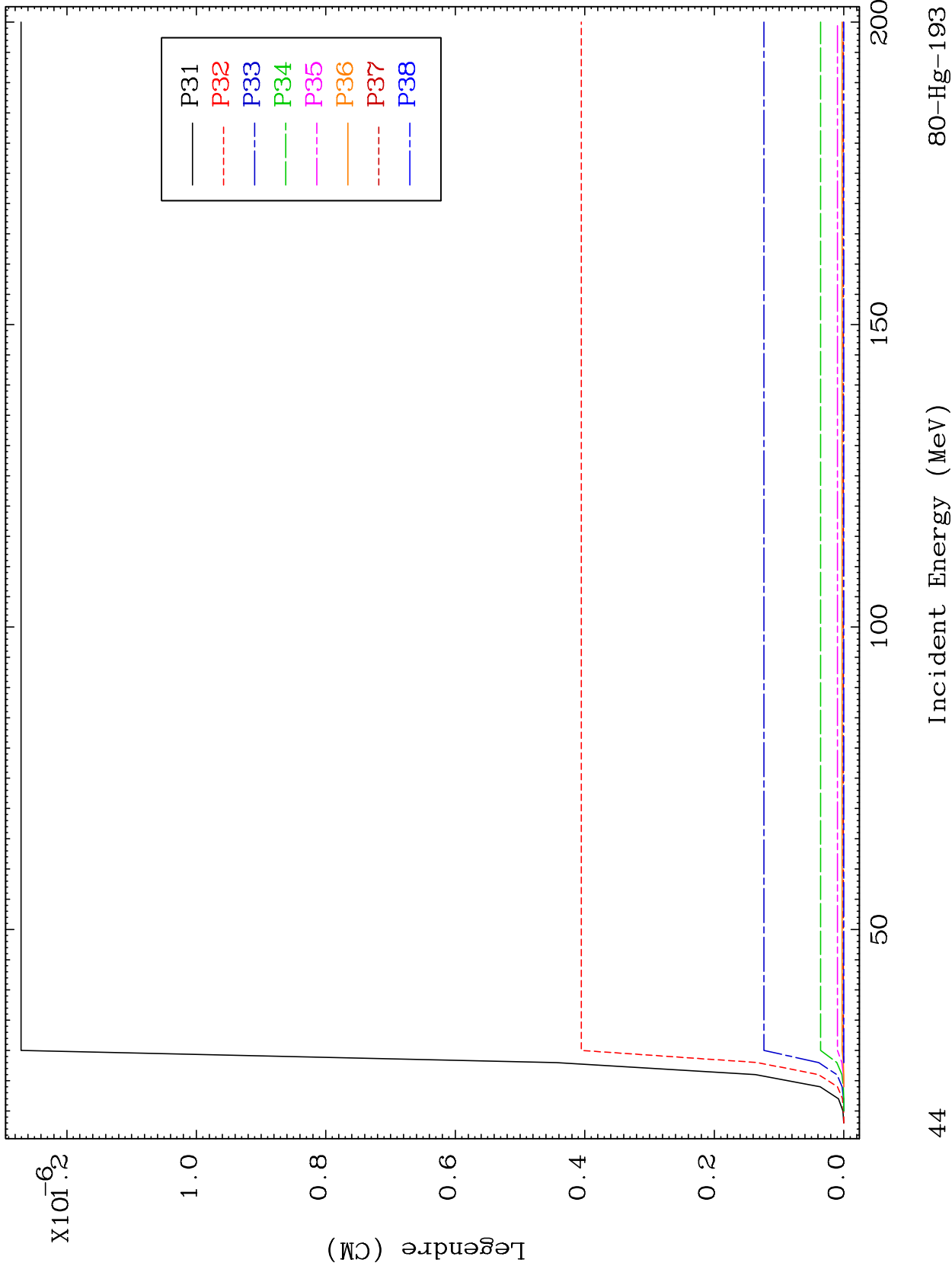
80-Hg-193



MAT 8016

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

80-Hg-193



44

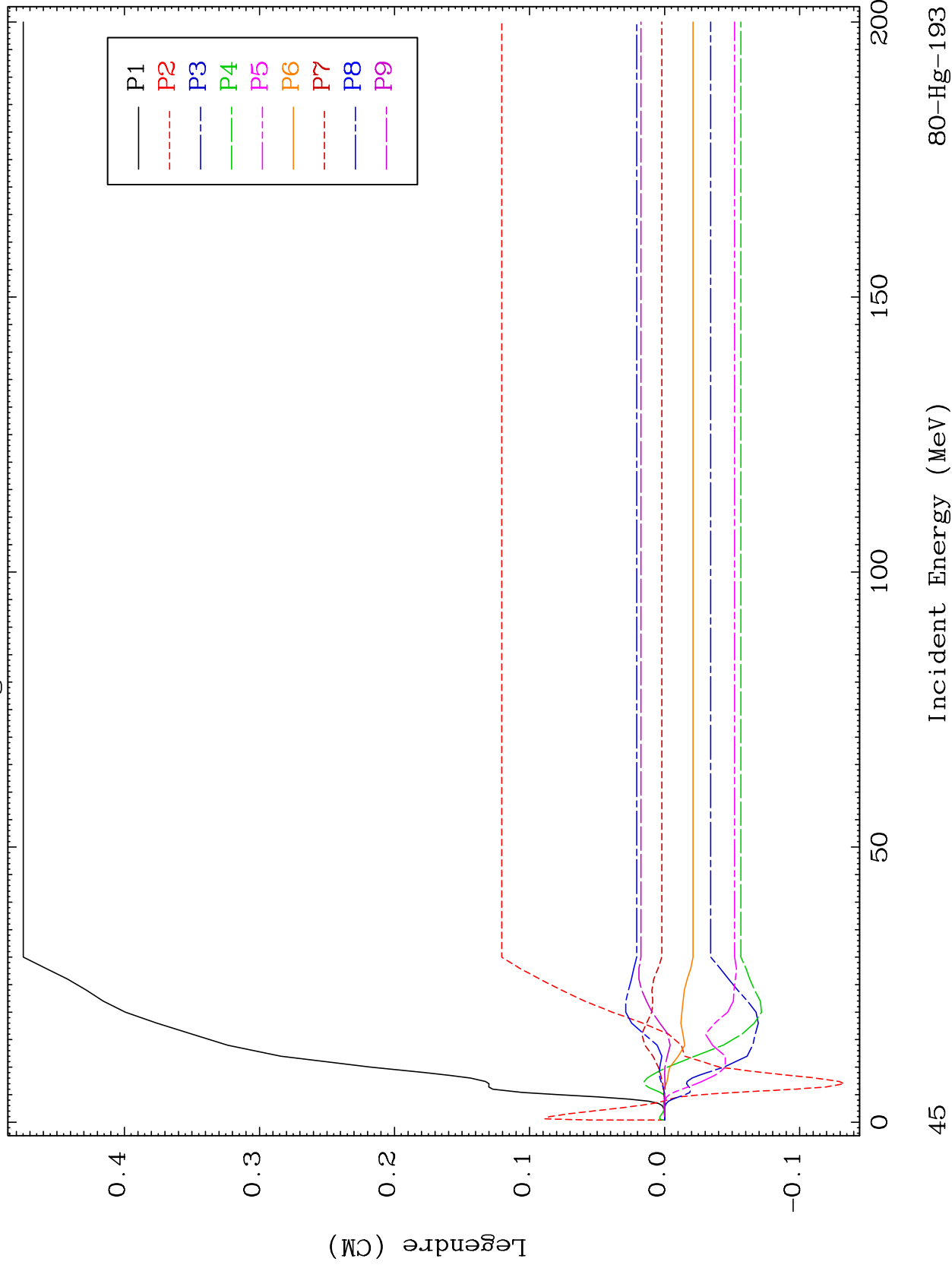
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



80-Hg-193

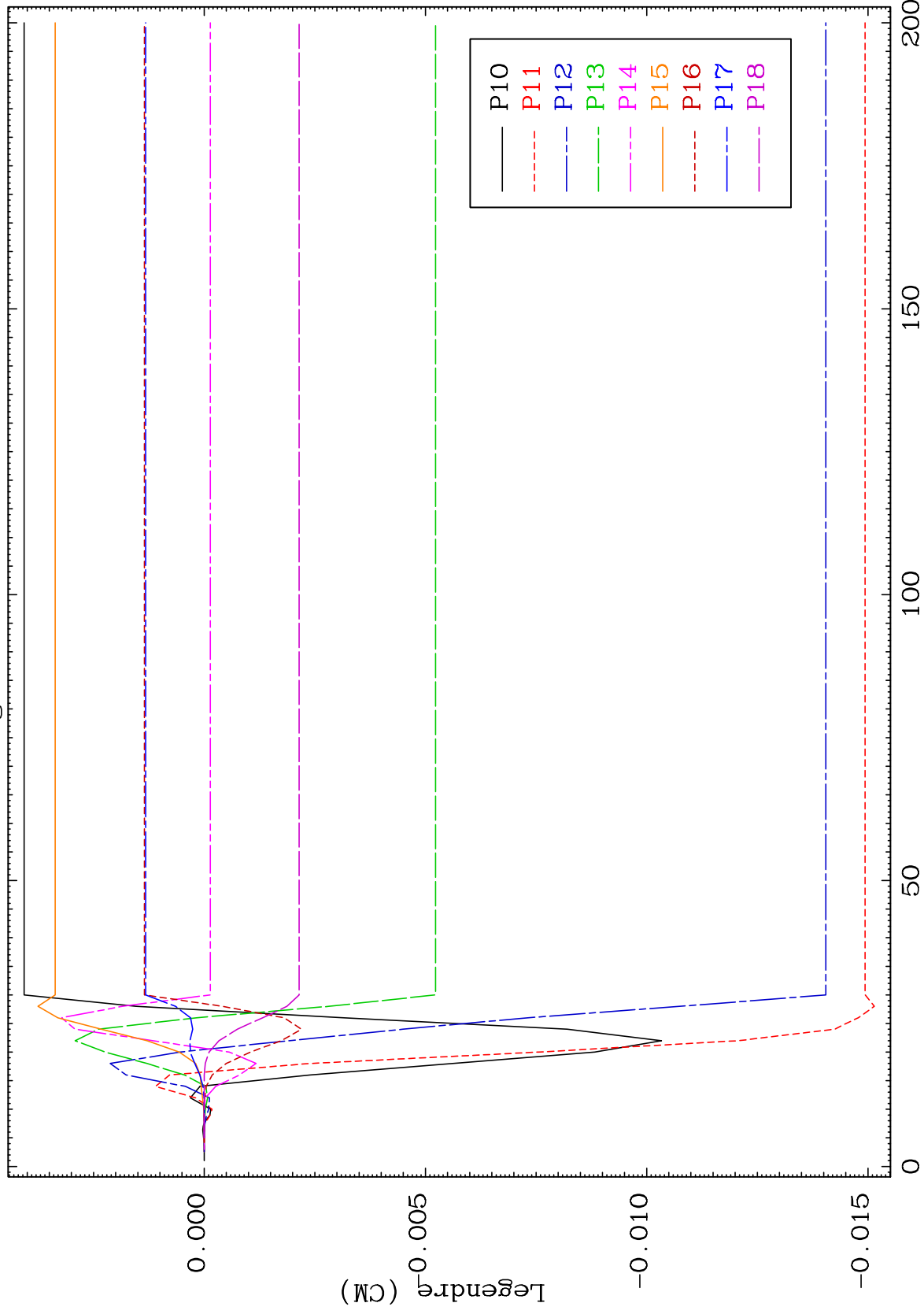
Incident Energy (MeV)

45

MAT 8016

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

80-Hg-193



46

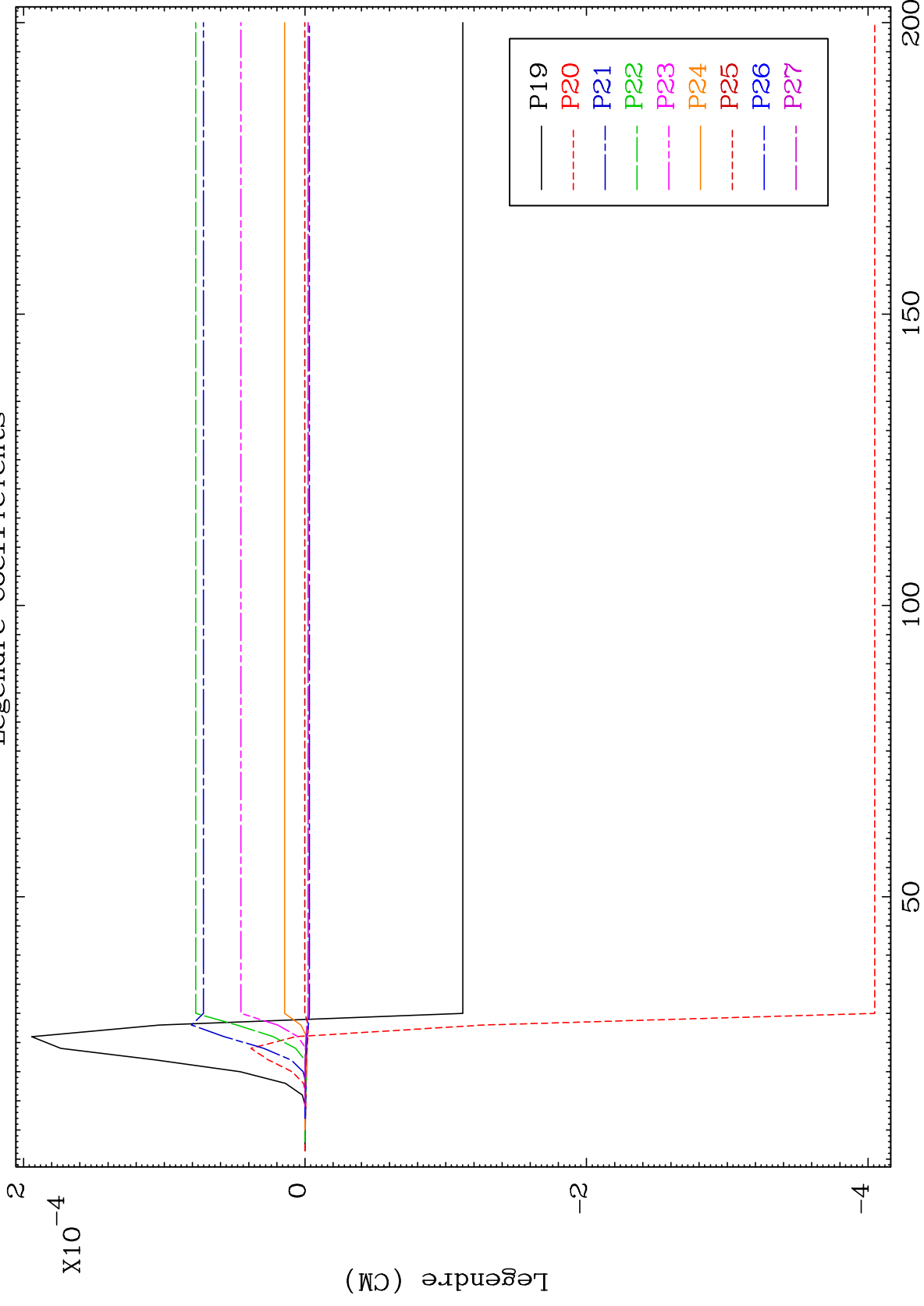
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



47

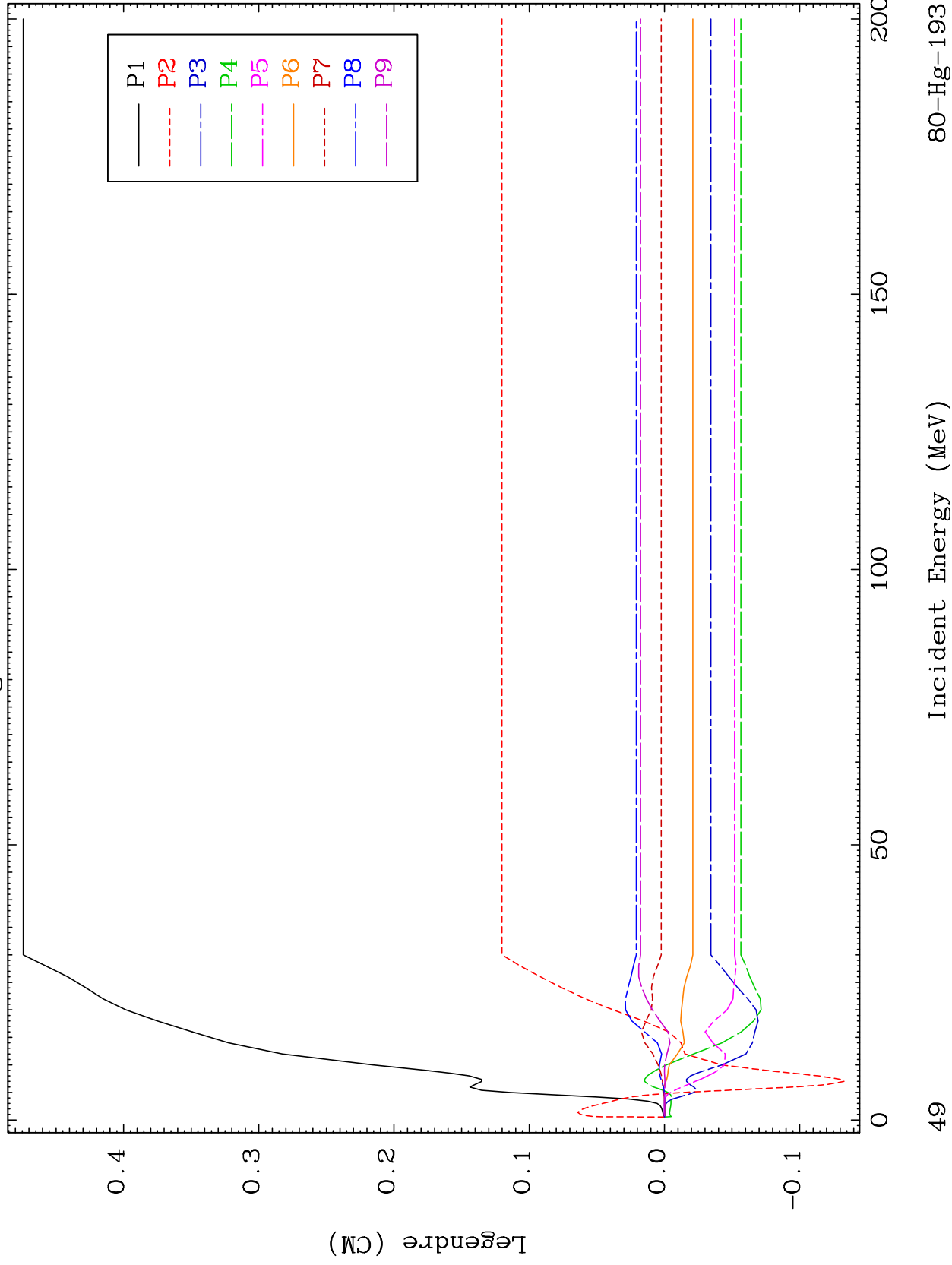
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



80-Hg-193

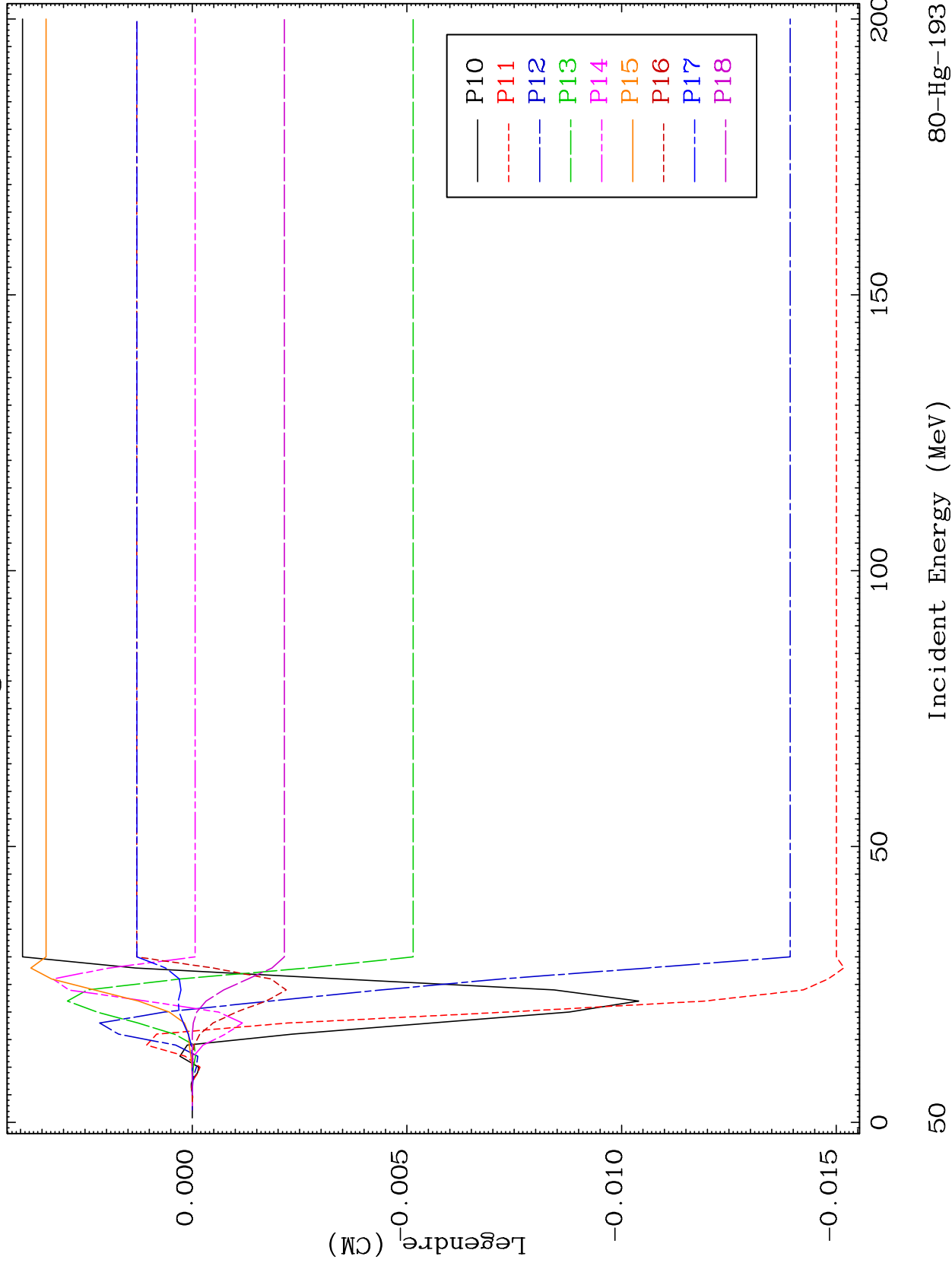
Incident Energy (MeV)

49

MAT 8016

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

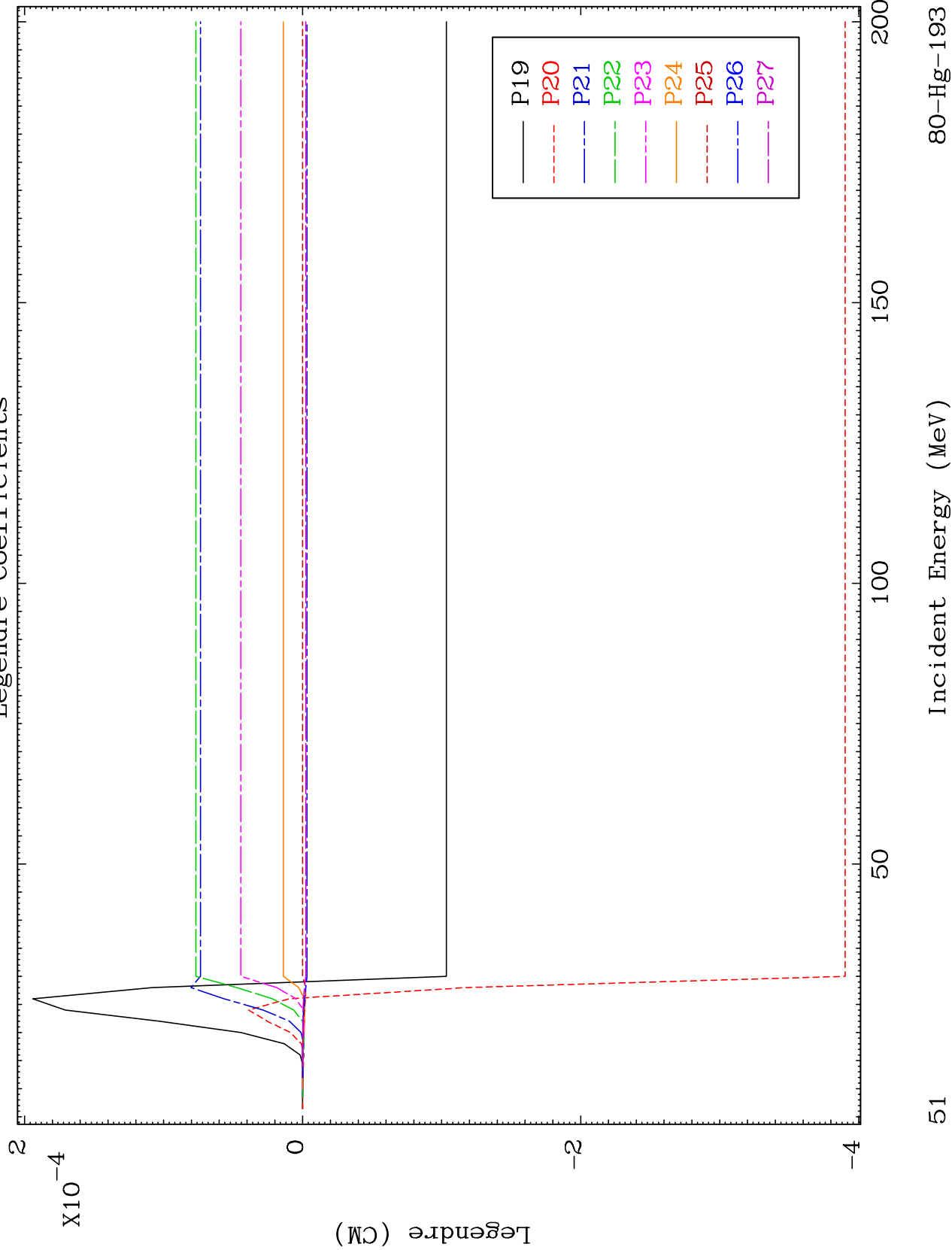
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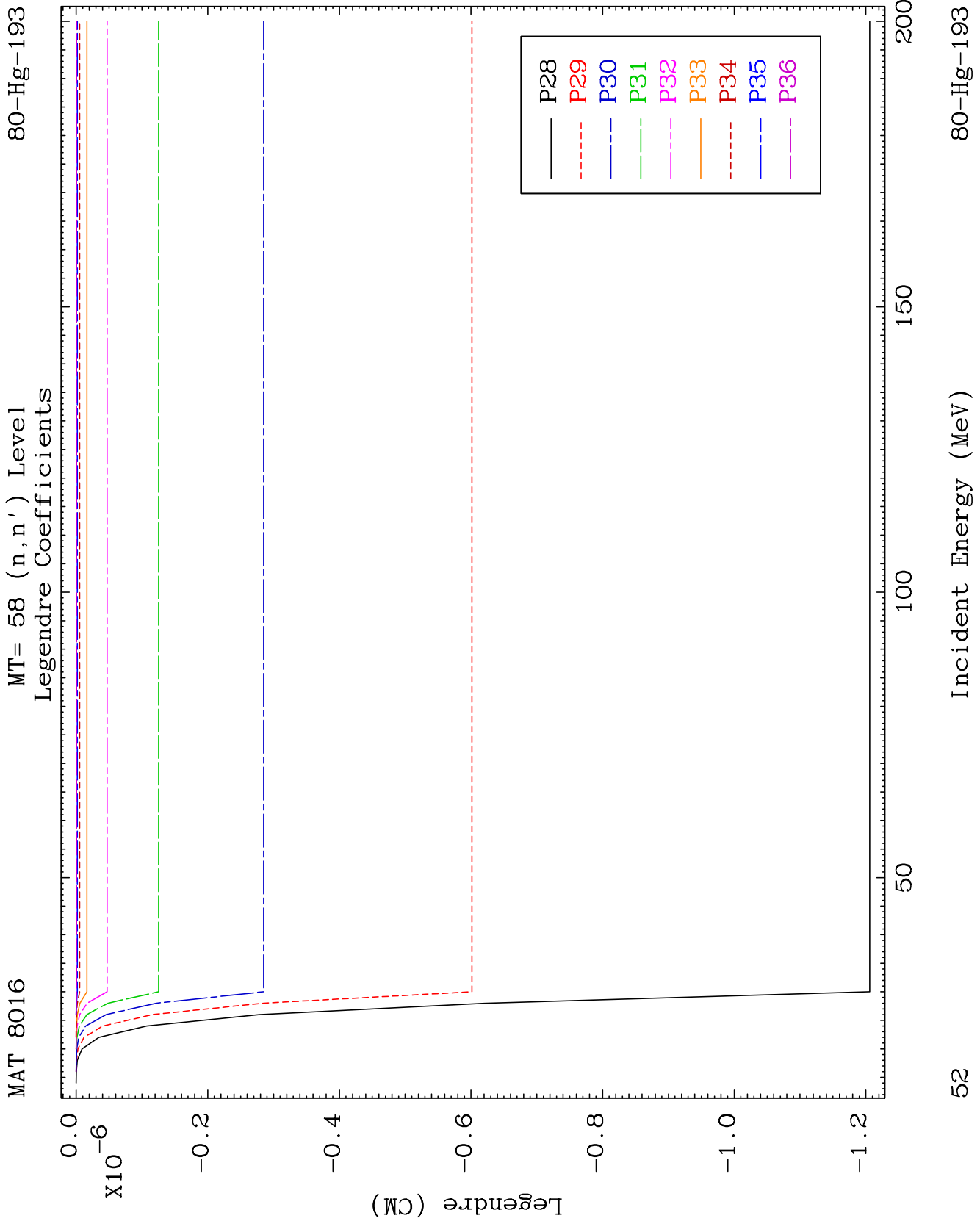


80-Hg-193

Incident Energy (MeV)

50



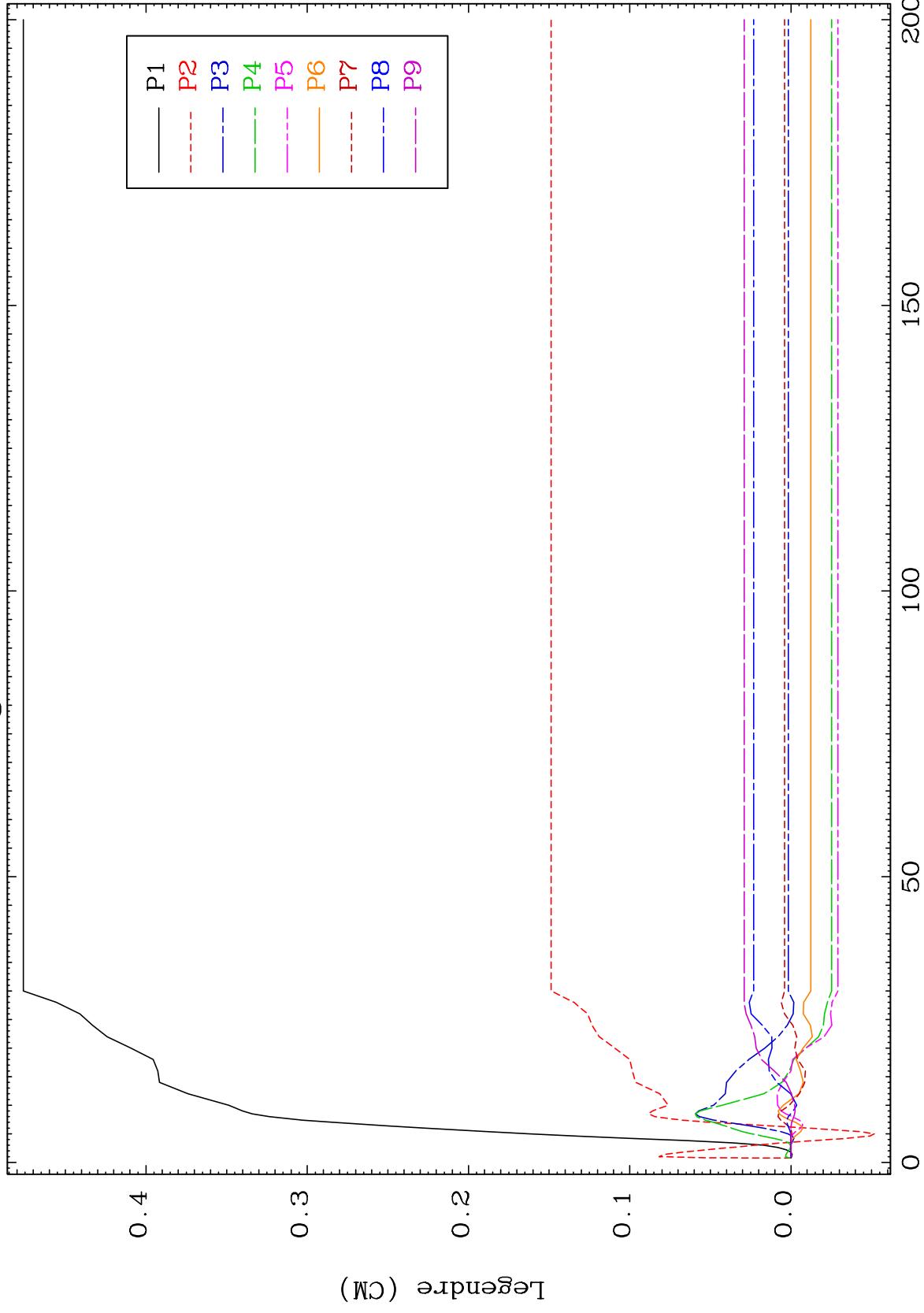


MAT 8016

MT= 59 (n,n') Level

80-Hg-193

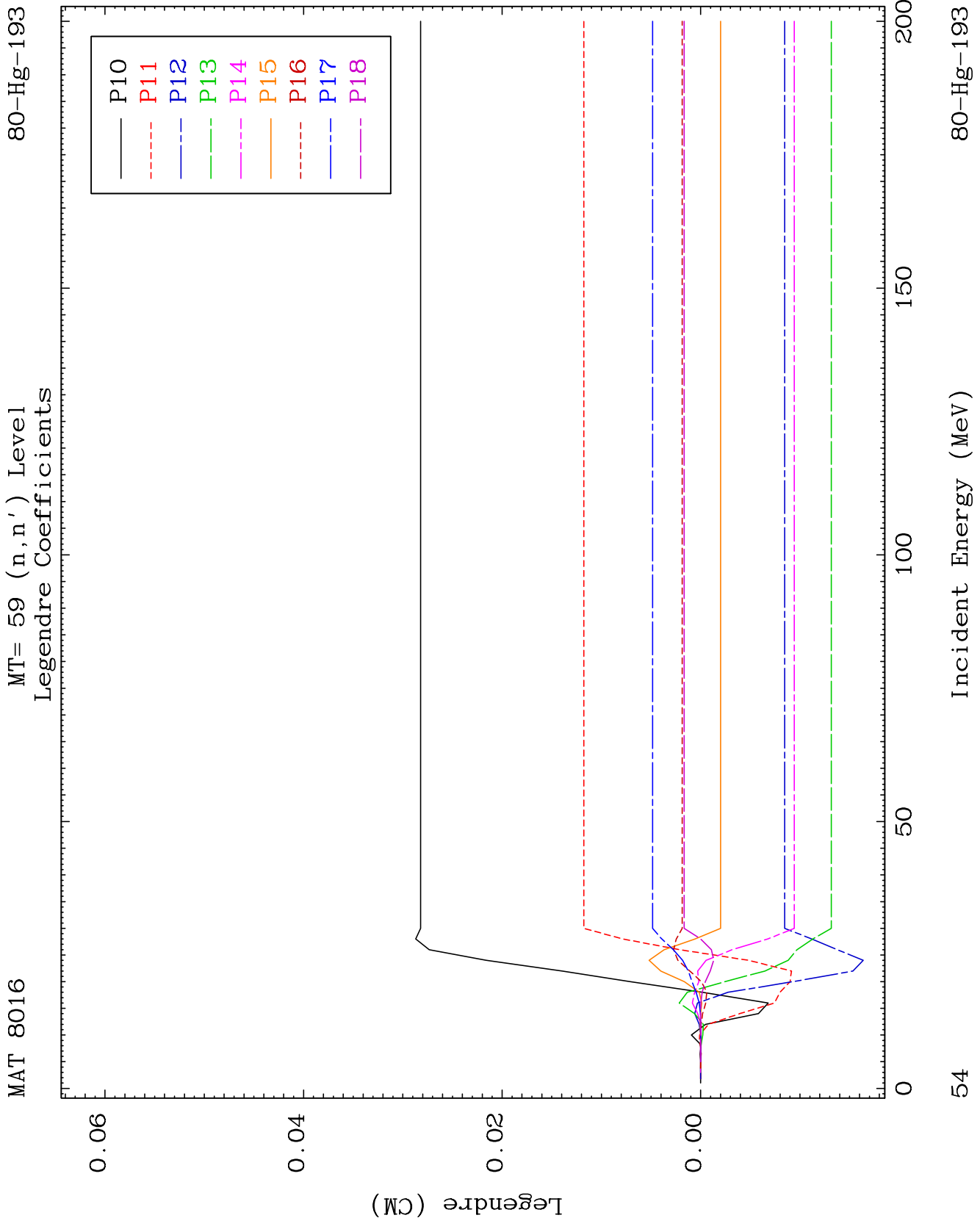
Legendre Coefficients



53

Incident Energy (MeV)

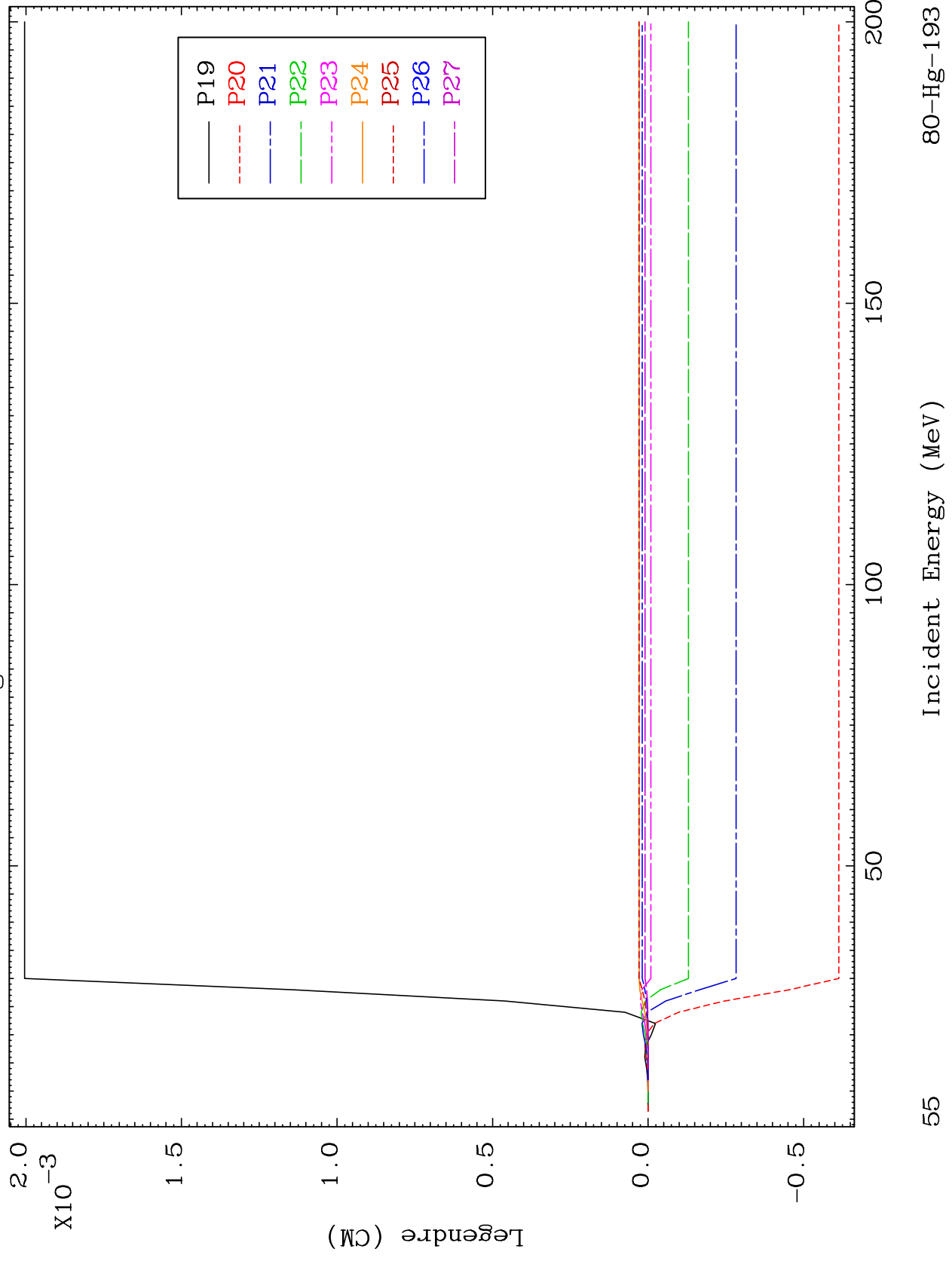
80-Hg-193



MAT 8016

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

80-Hg-193



55

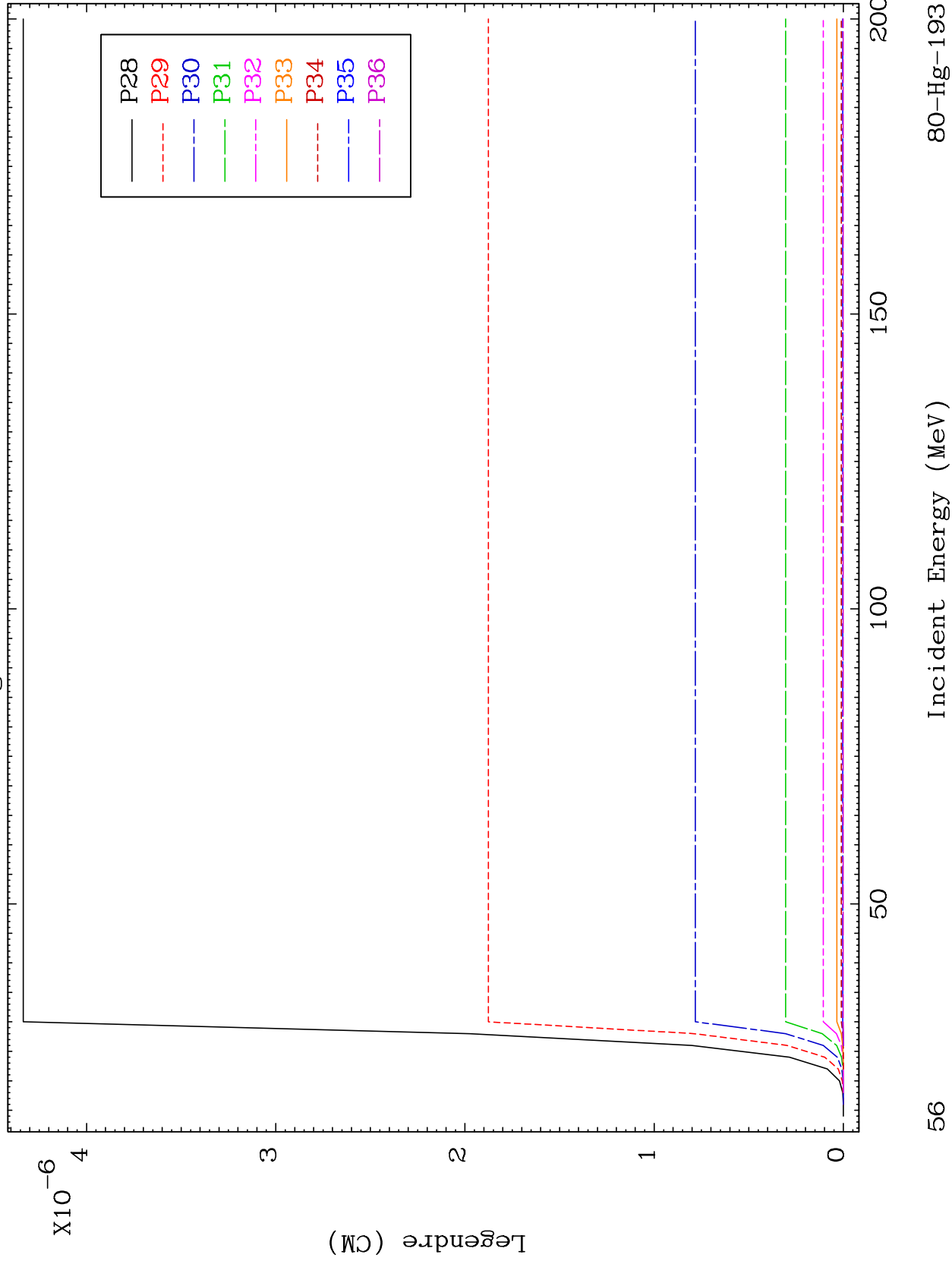
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

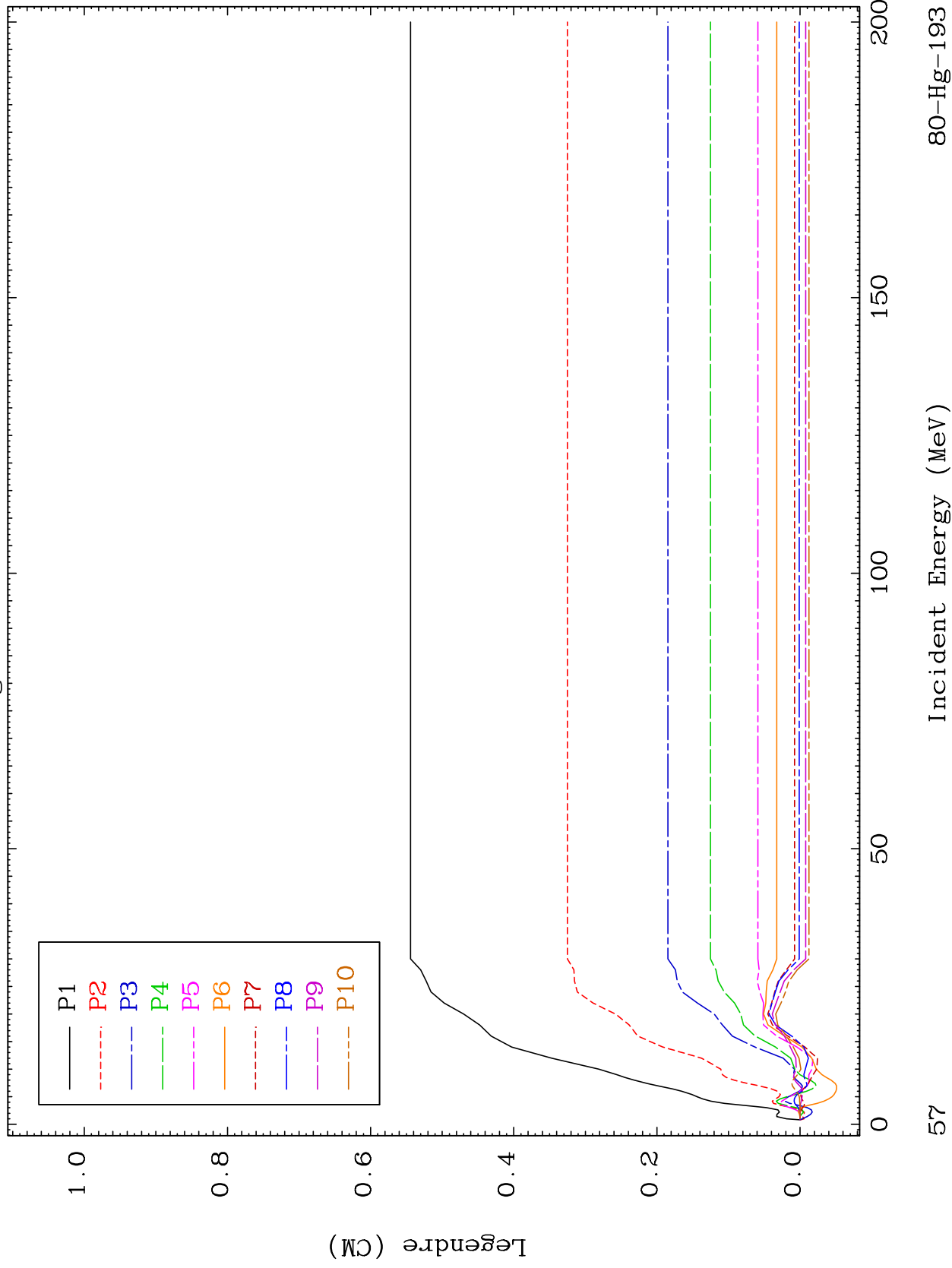
80-Hg-193



MAT 8016

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

80-Hg-193

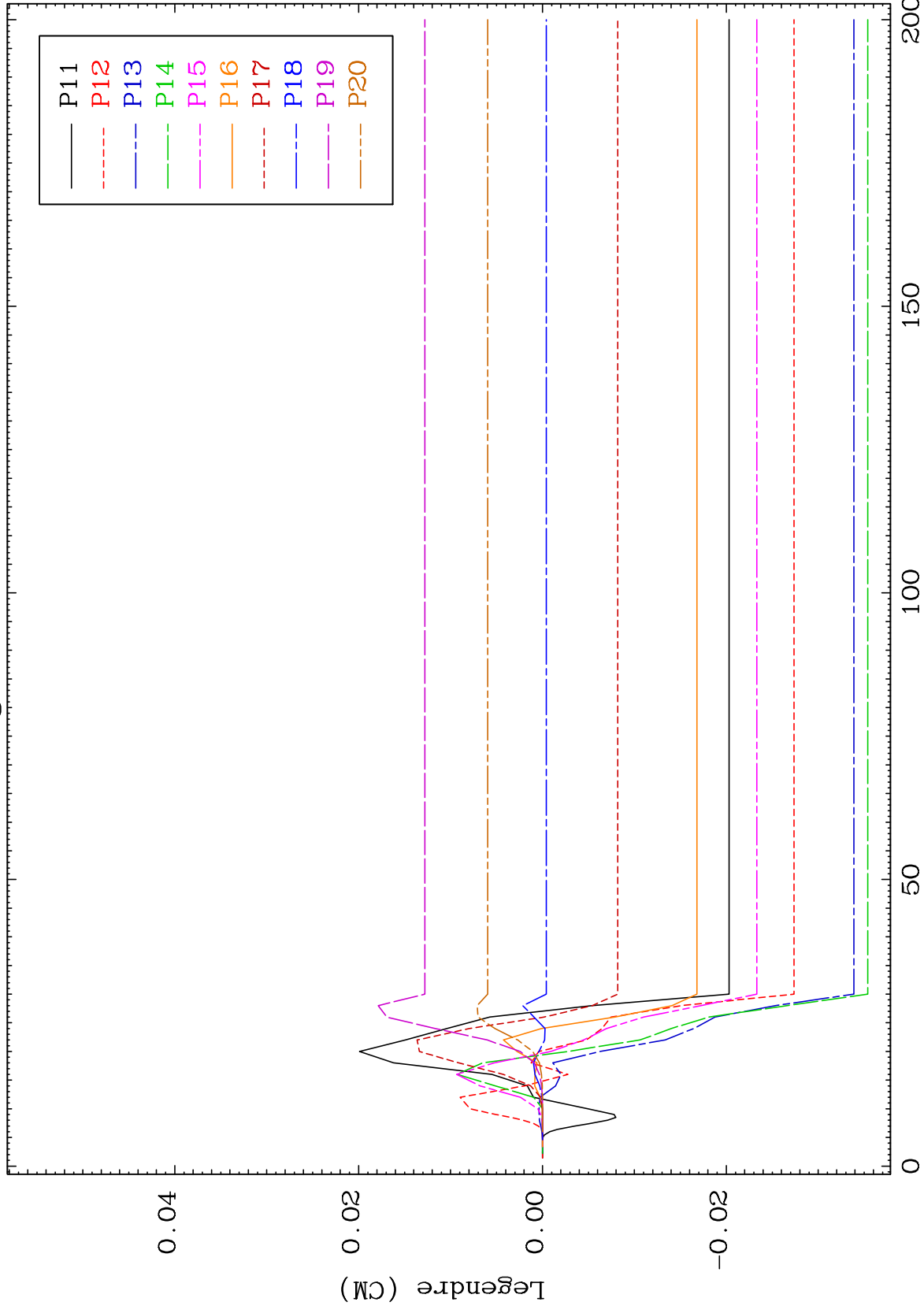


57

MAT 8016

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

80-Hg-193



58

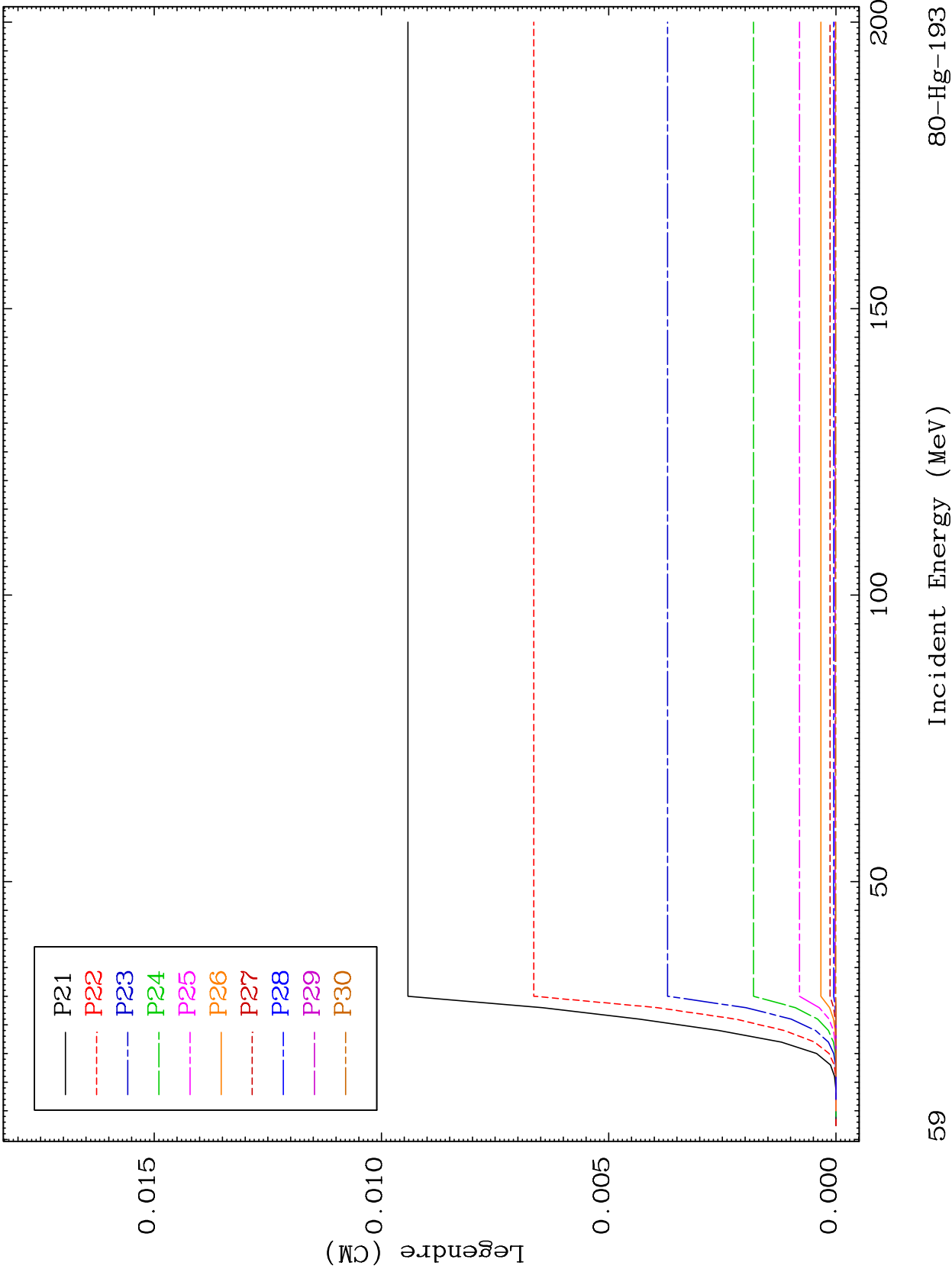
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

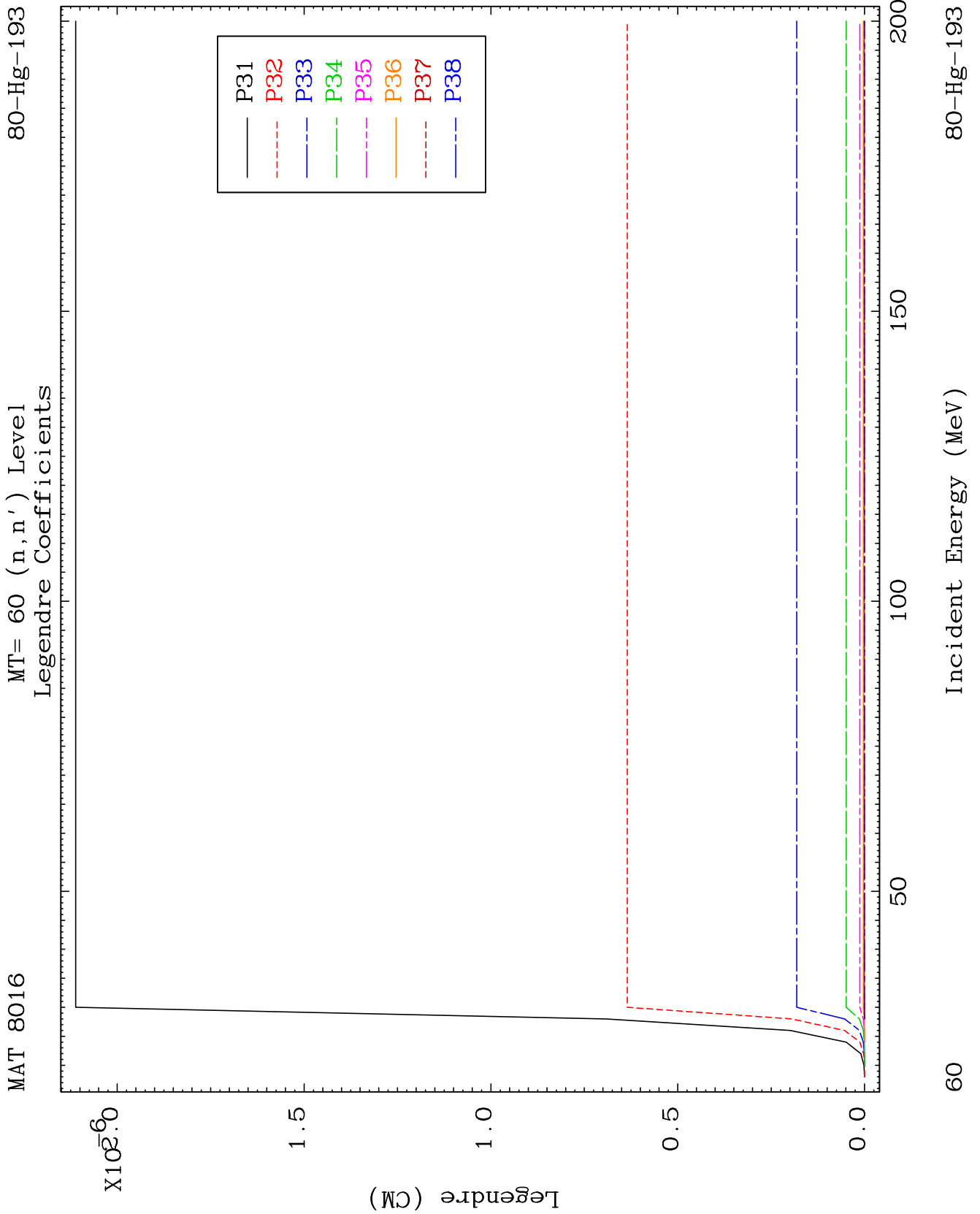
80-Hg-193



59

Incident Energy (MeV)

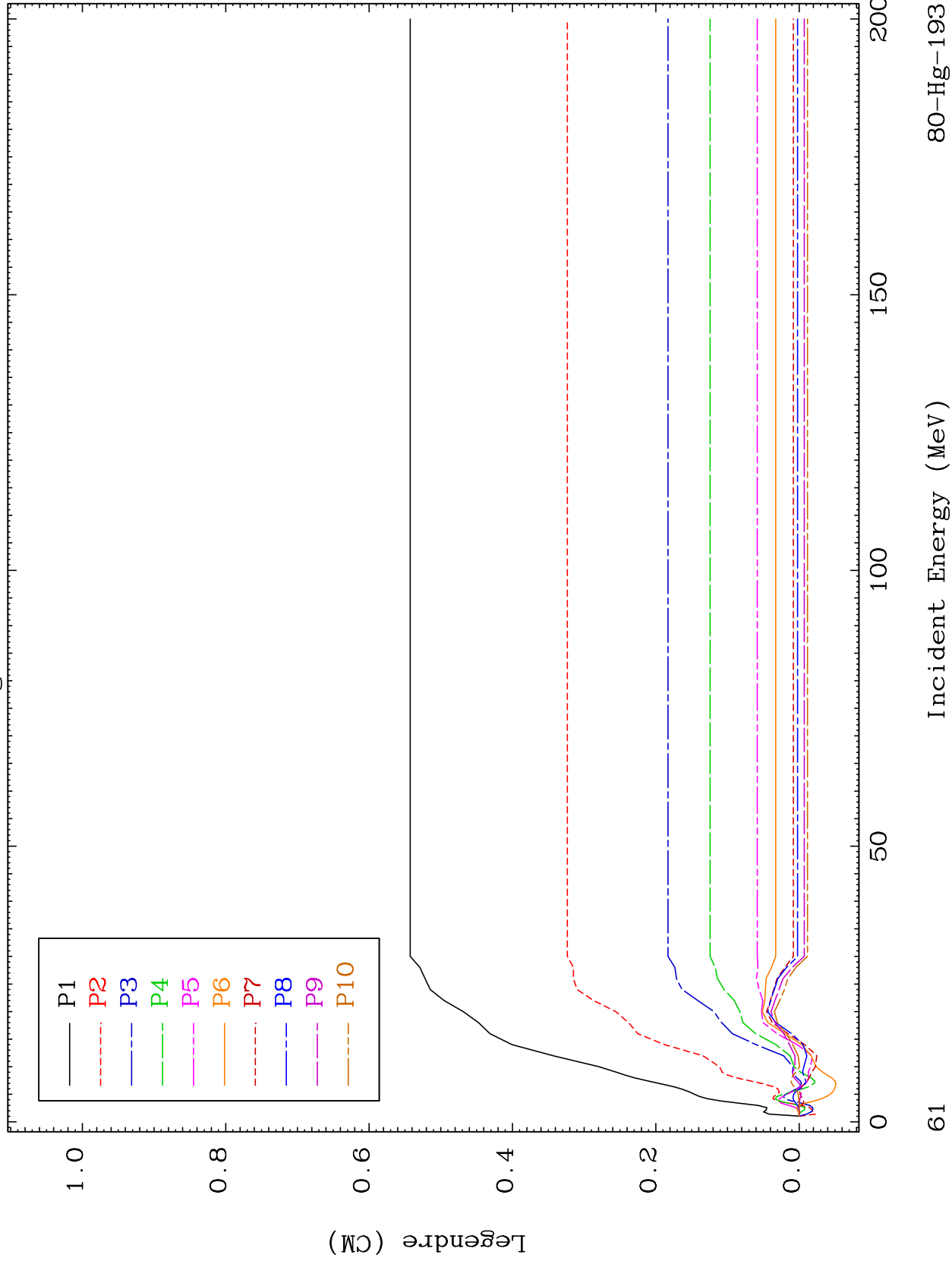
80-Hg-193

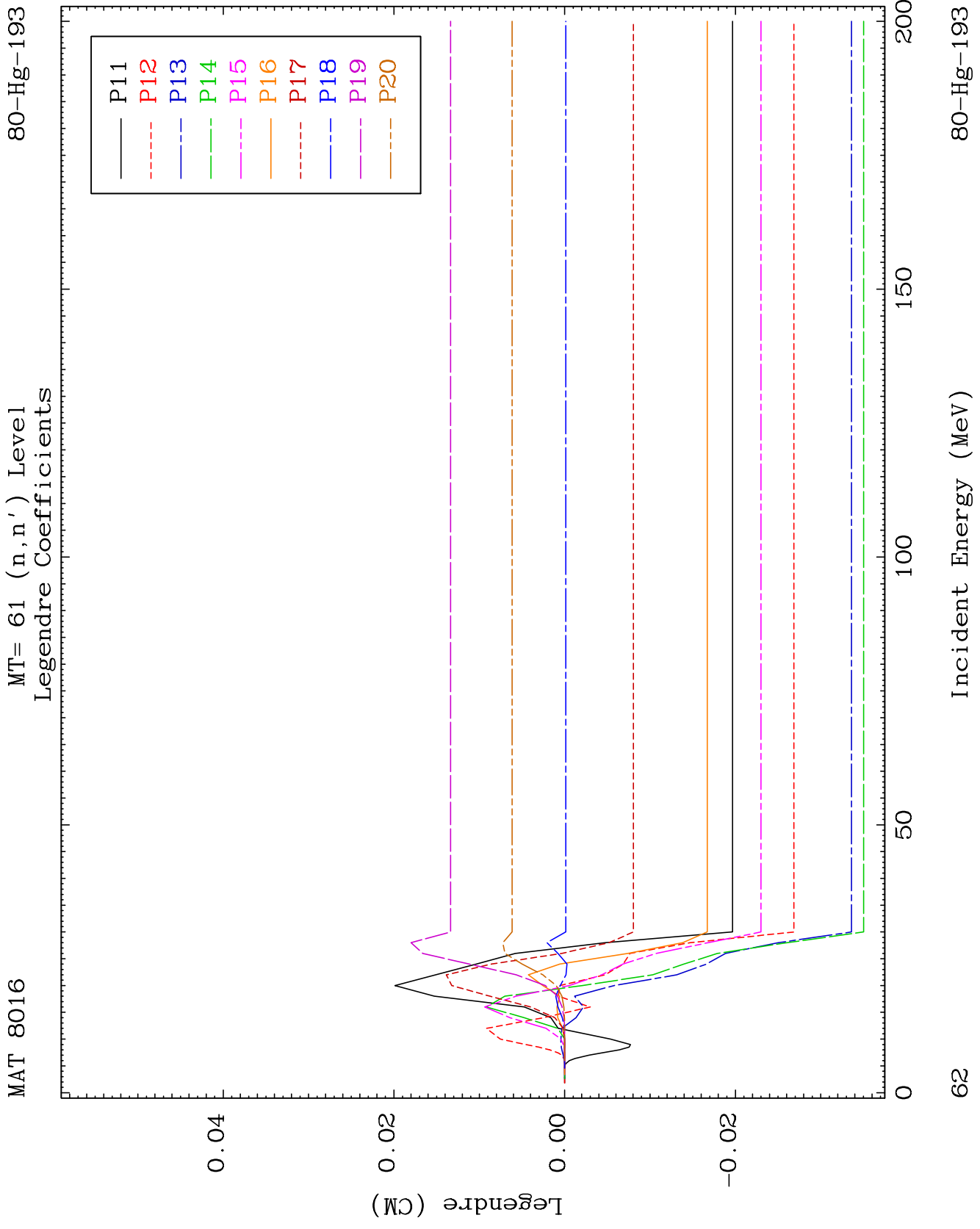


MAT 8016

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

80-Hg-193

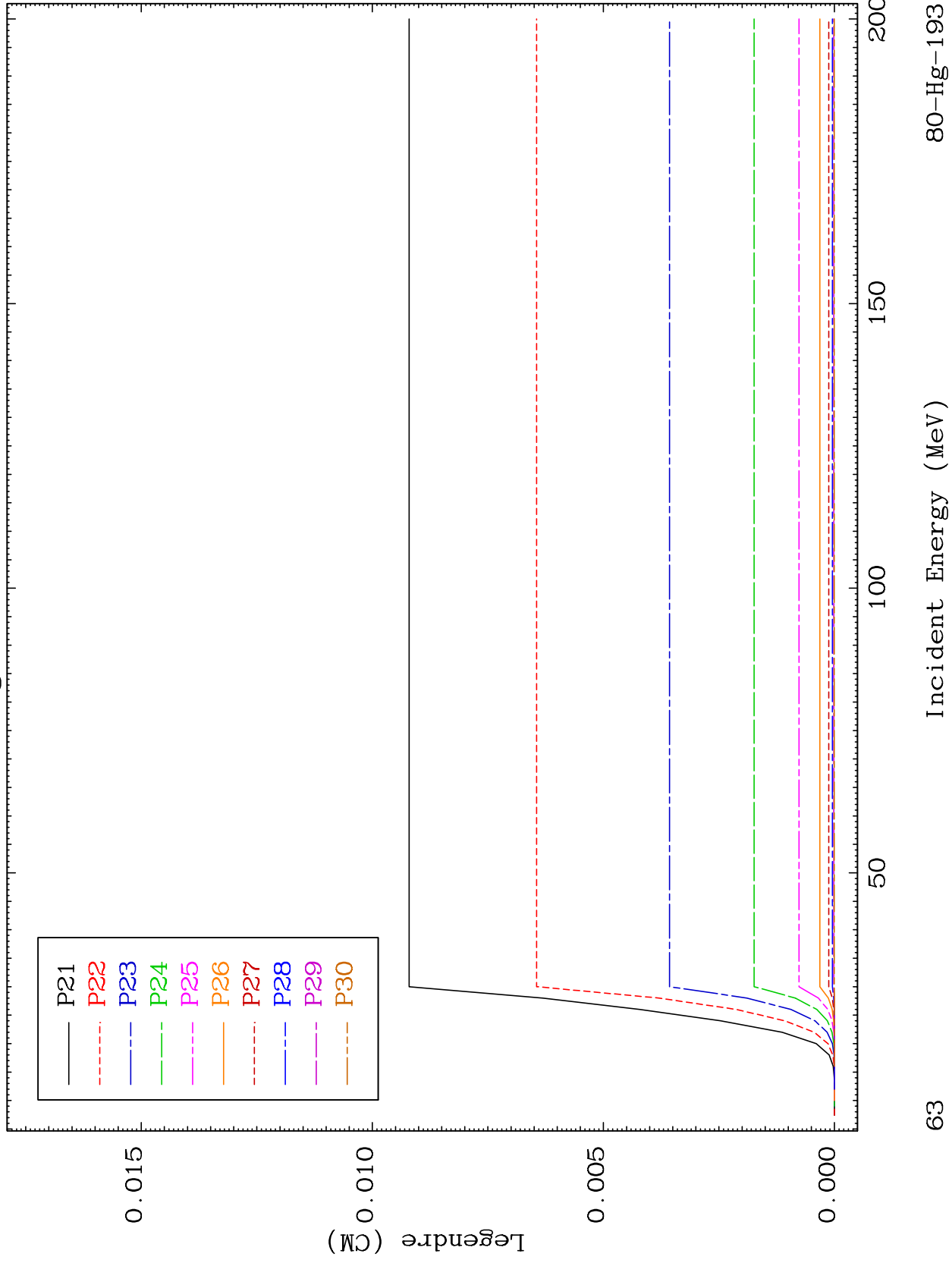




MAT 8016

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

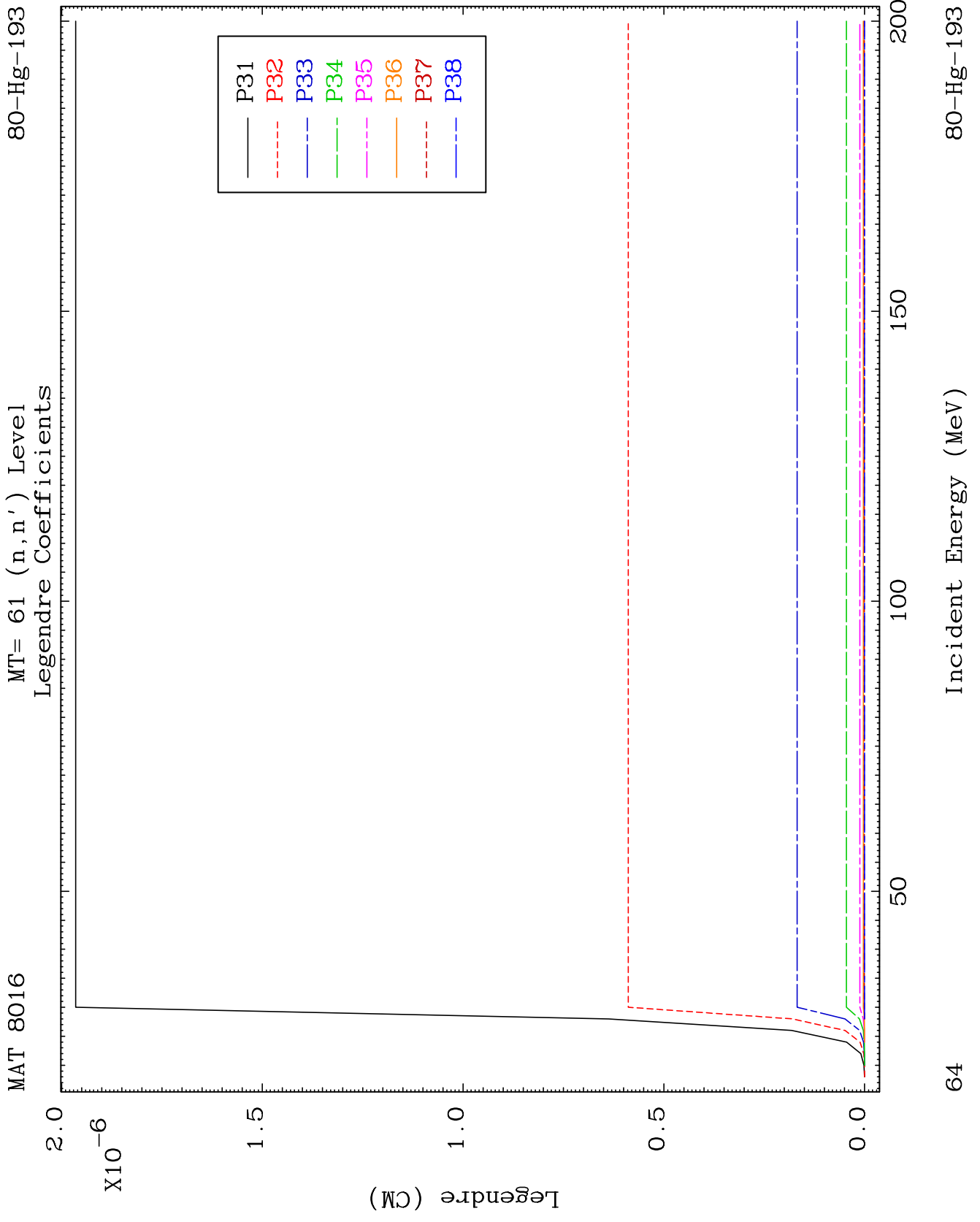
80-Hg-193



63

Incident Energy (MeV)

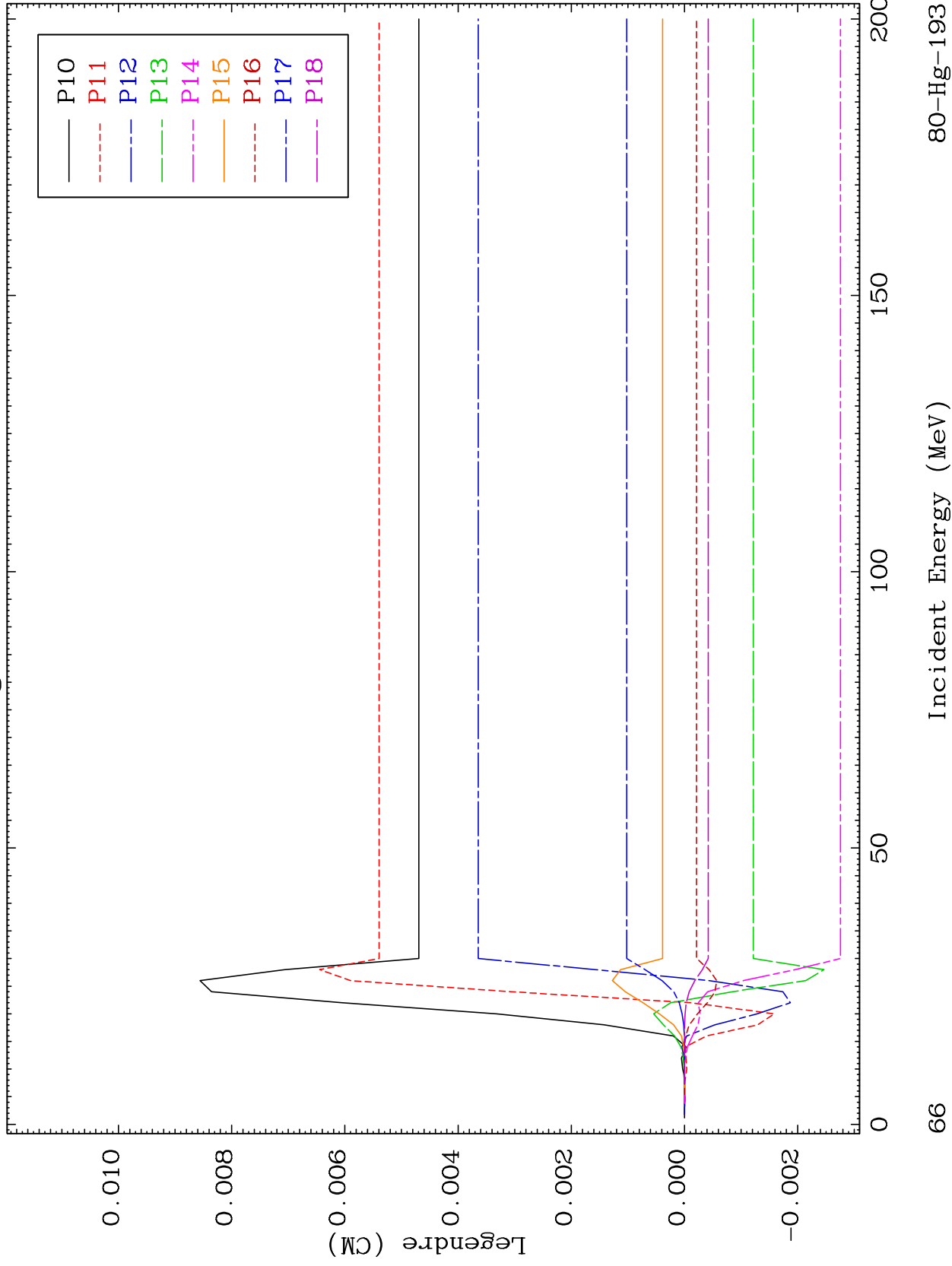
80-Hg-193

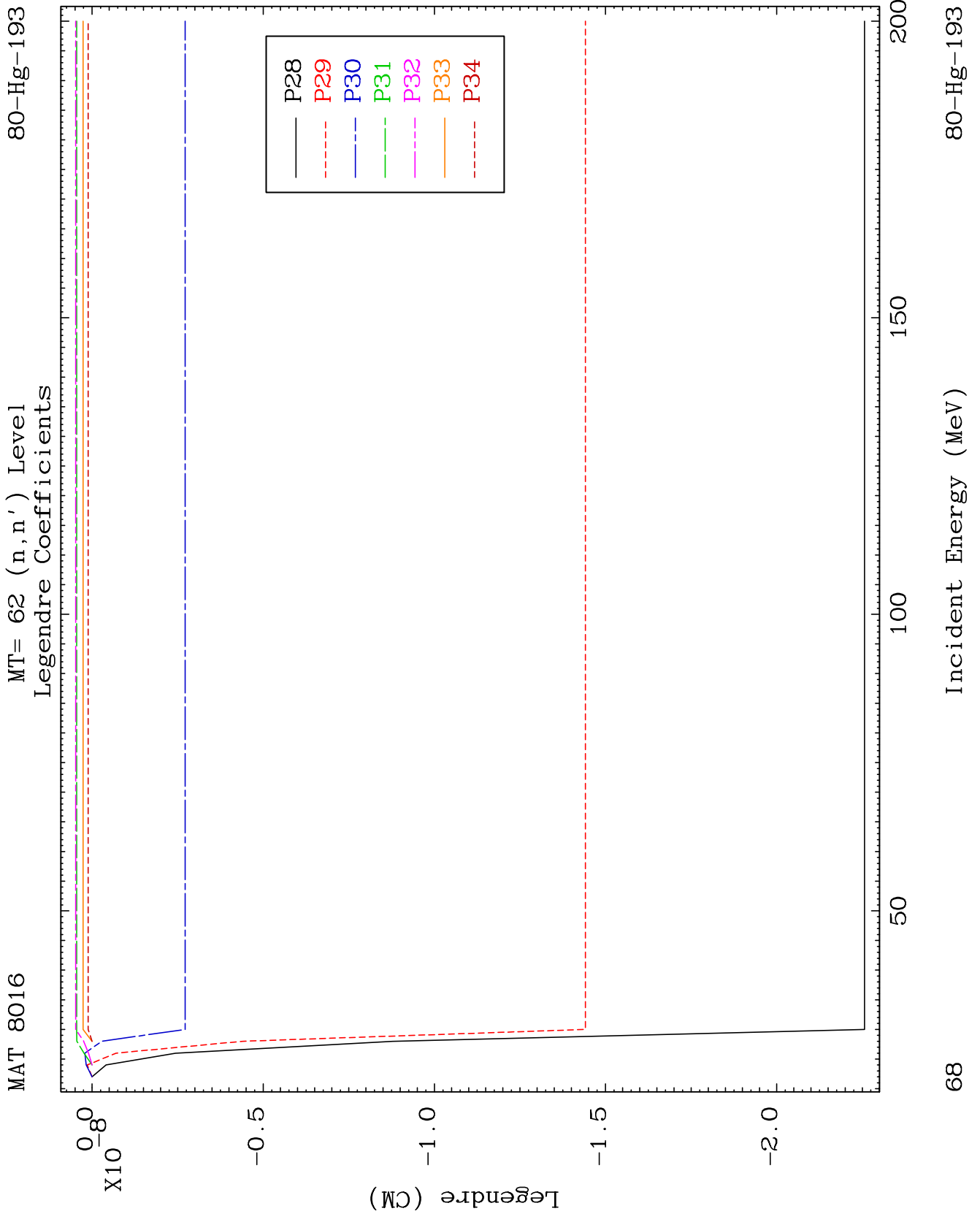


MAT 8016

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

80-Hg-193

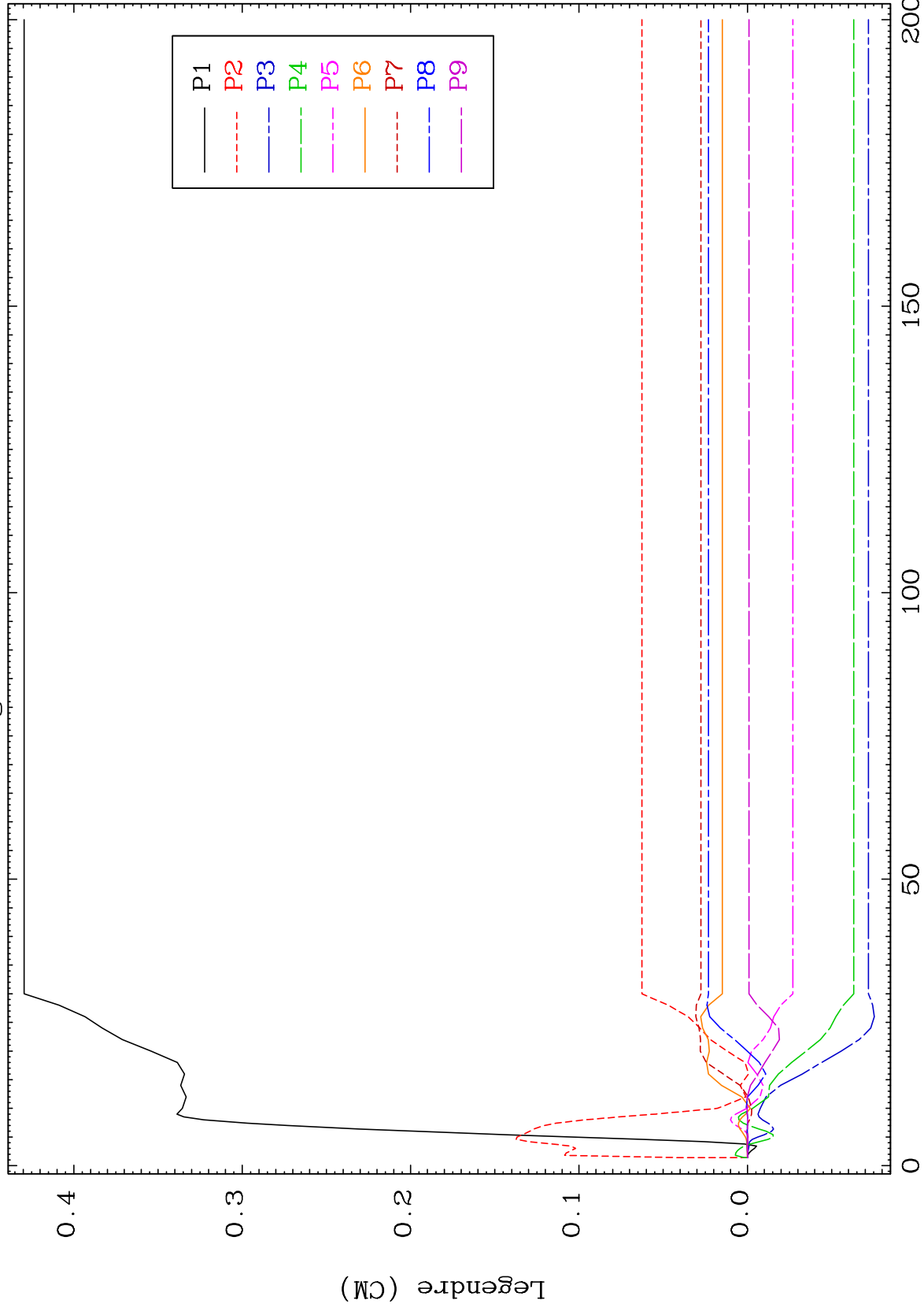




MAT 8016

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

80-Hg-193



69

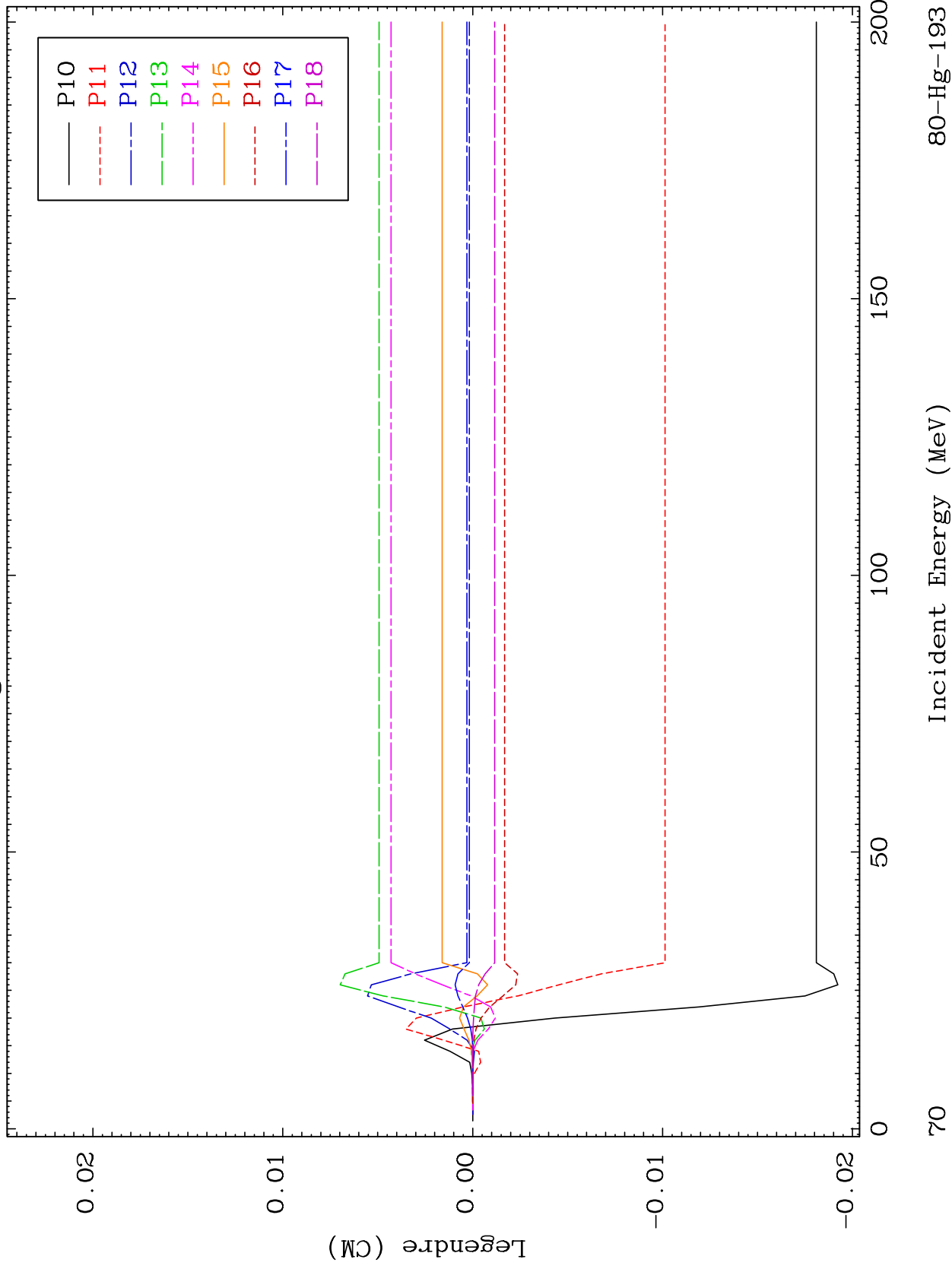
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



80-Hg-193

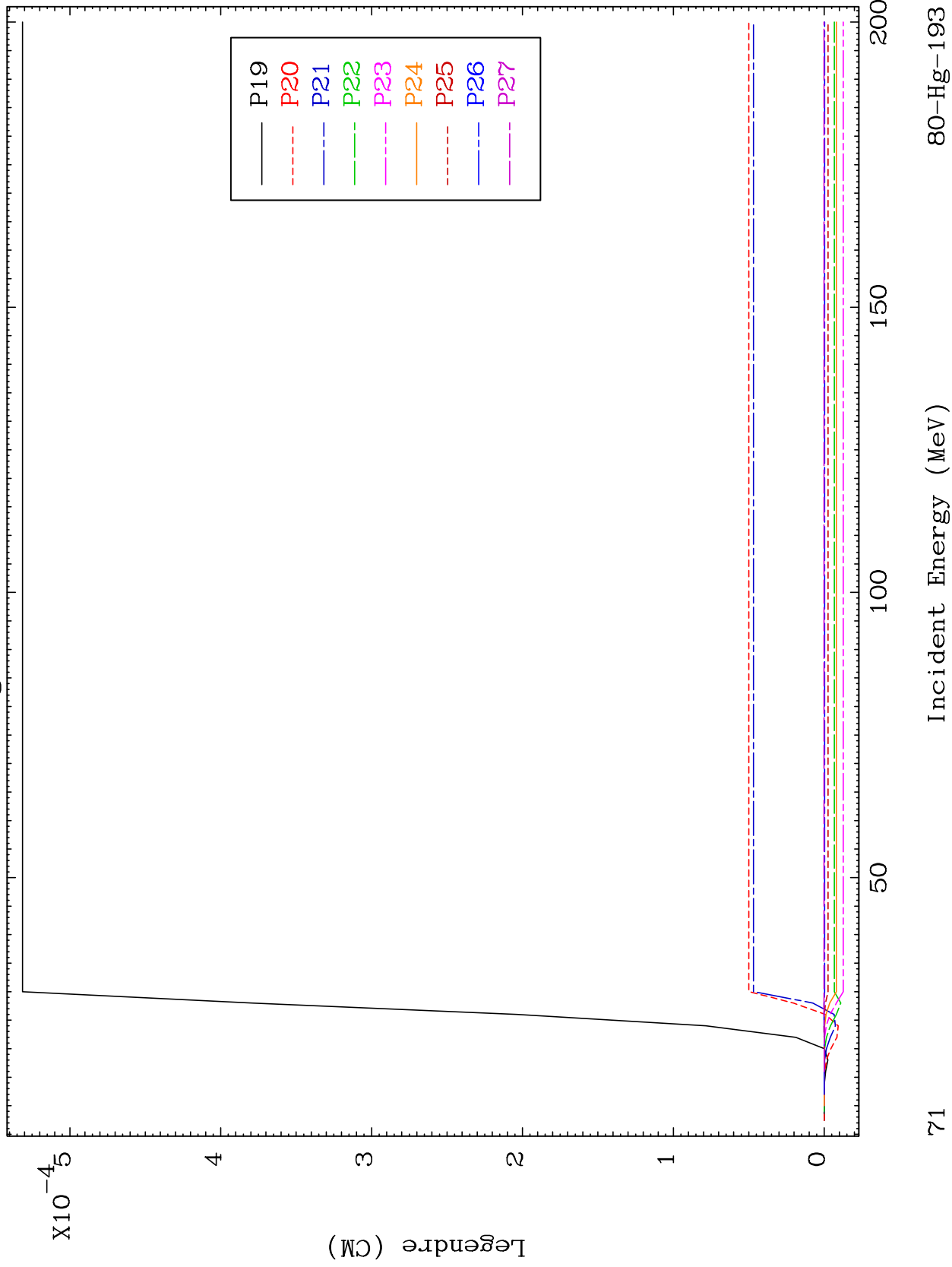
Incident Energy (MeV)

70

MAT 8016

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

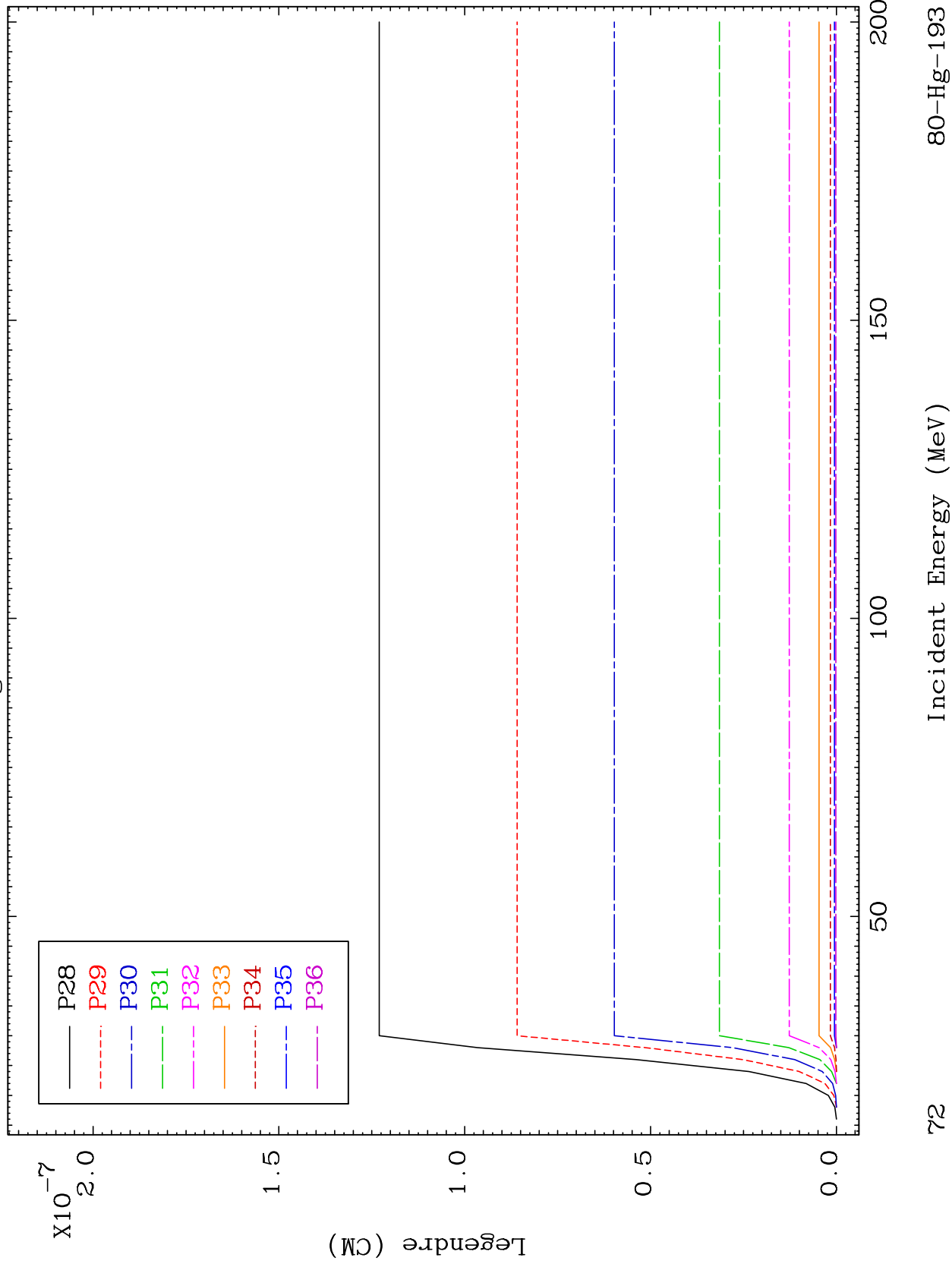
80-Hg-193



MAT 8016

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

80-Hg-193



72

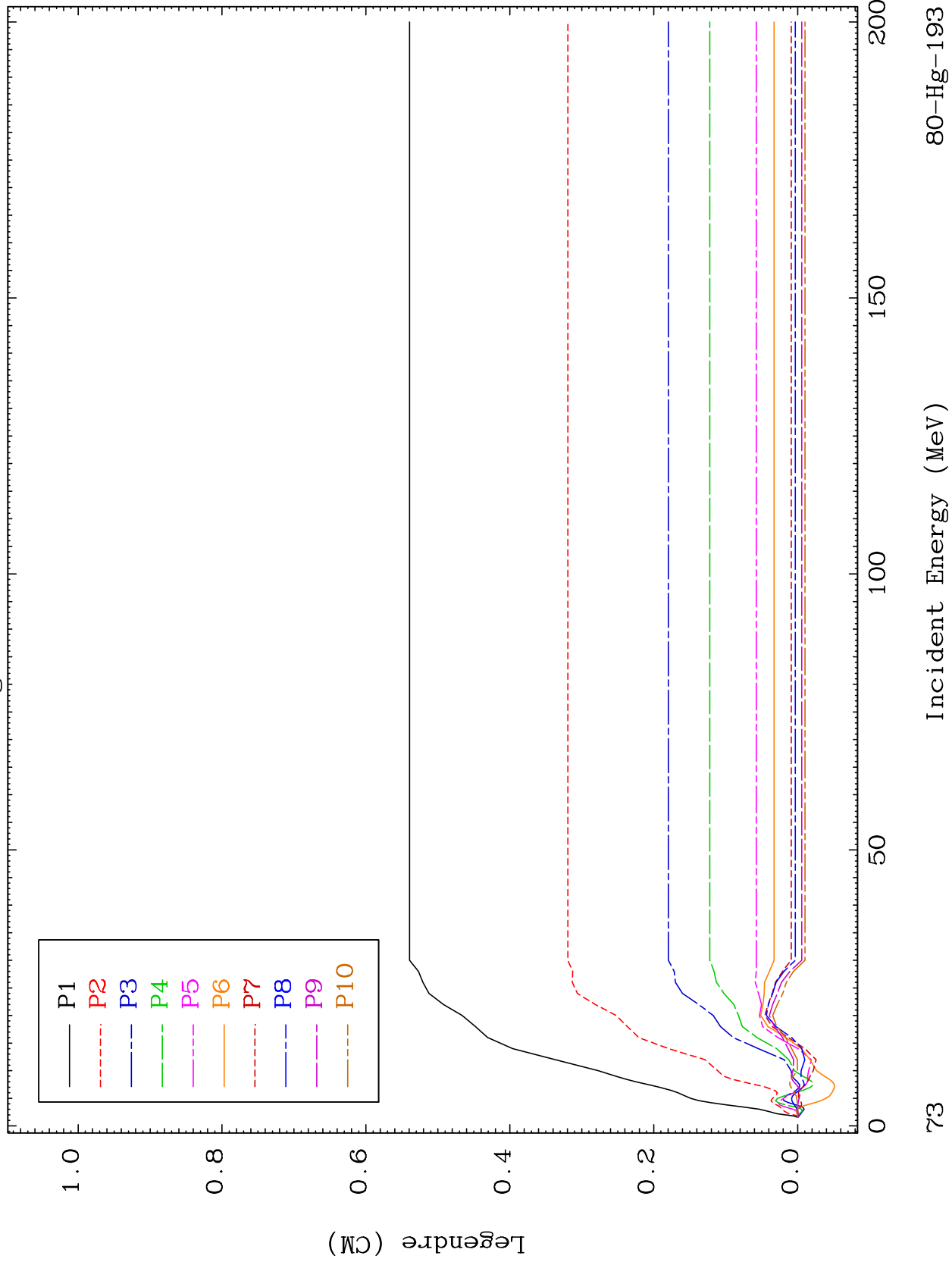
Incident Energy (MeV)

80-Hg-193

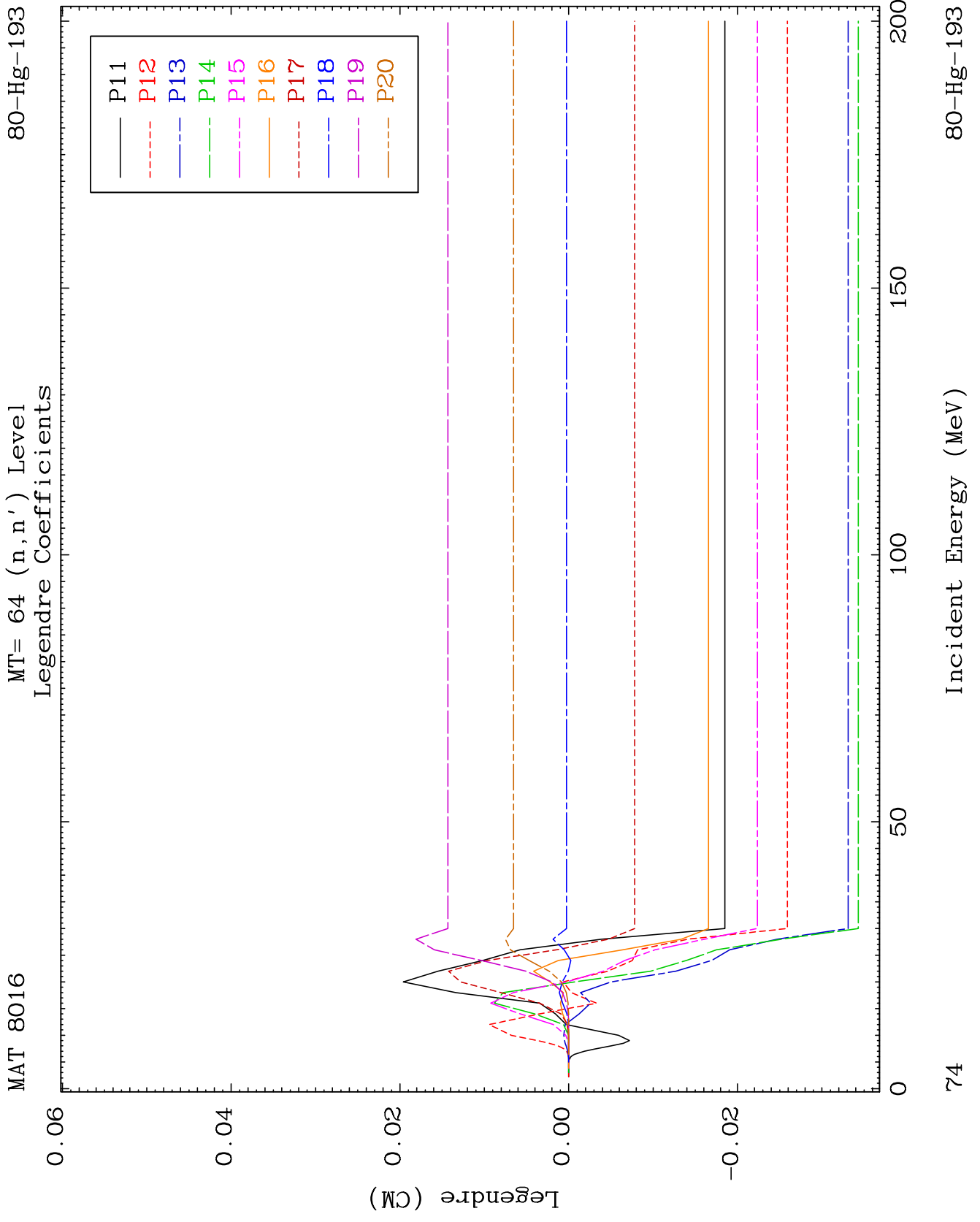
MAT 8016

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

80-Hg-193



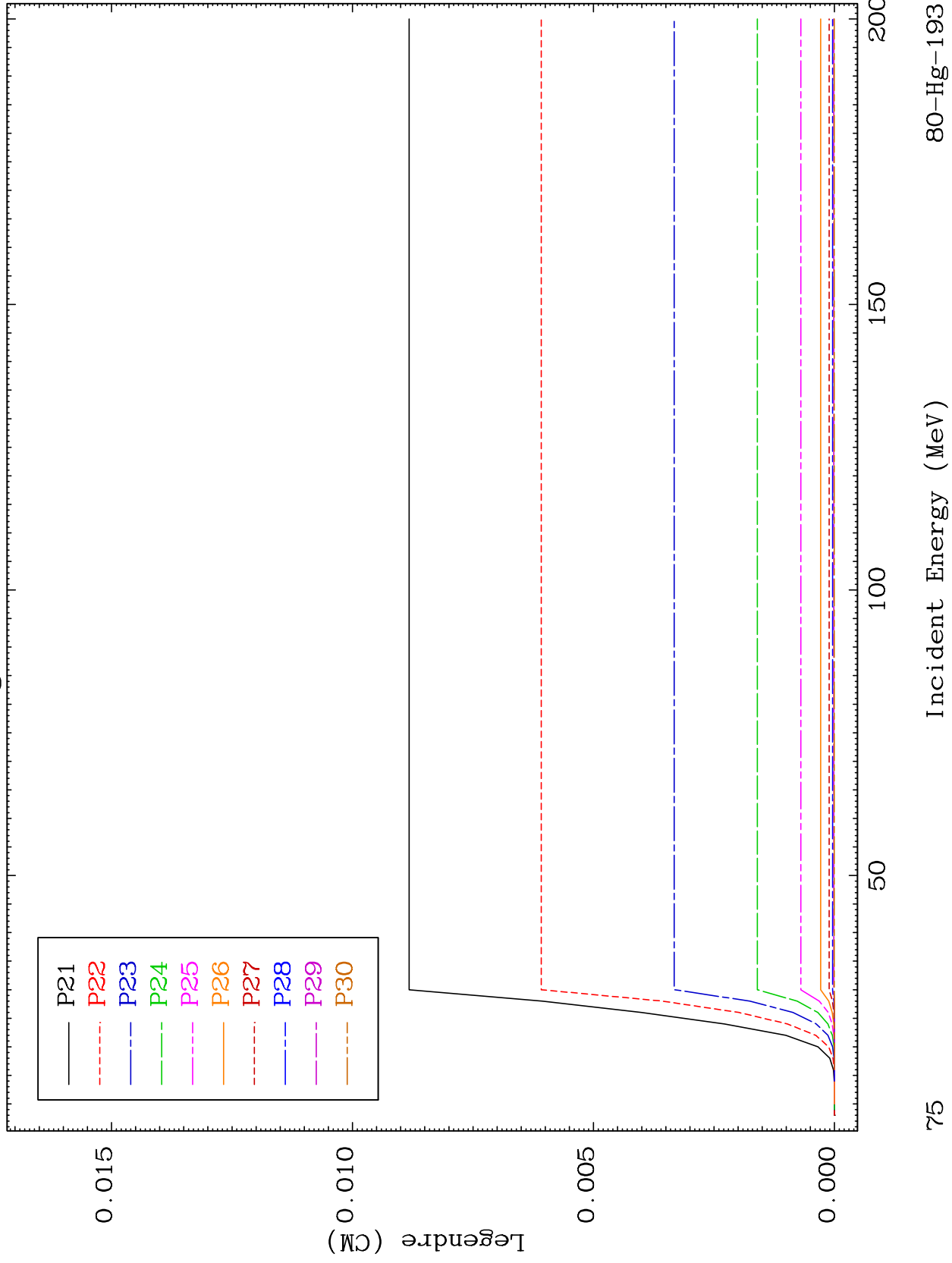
73

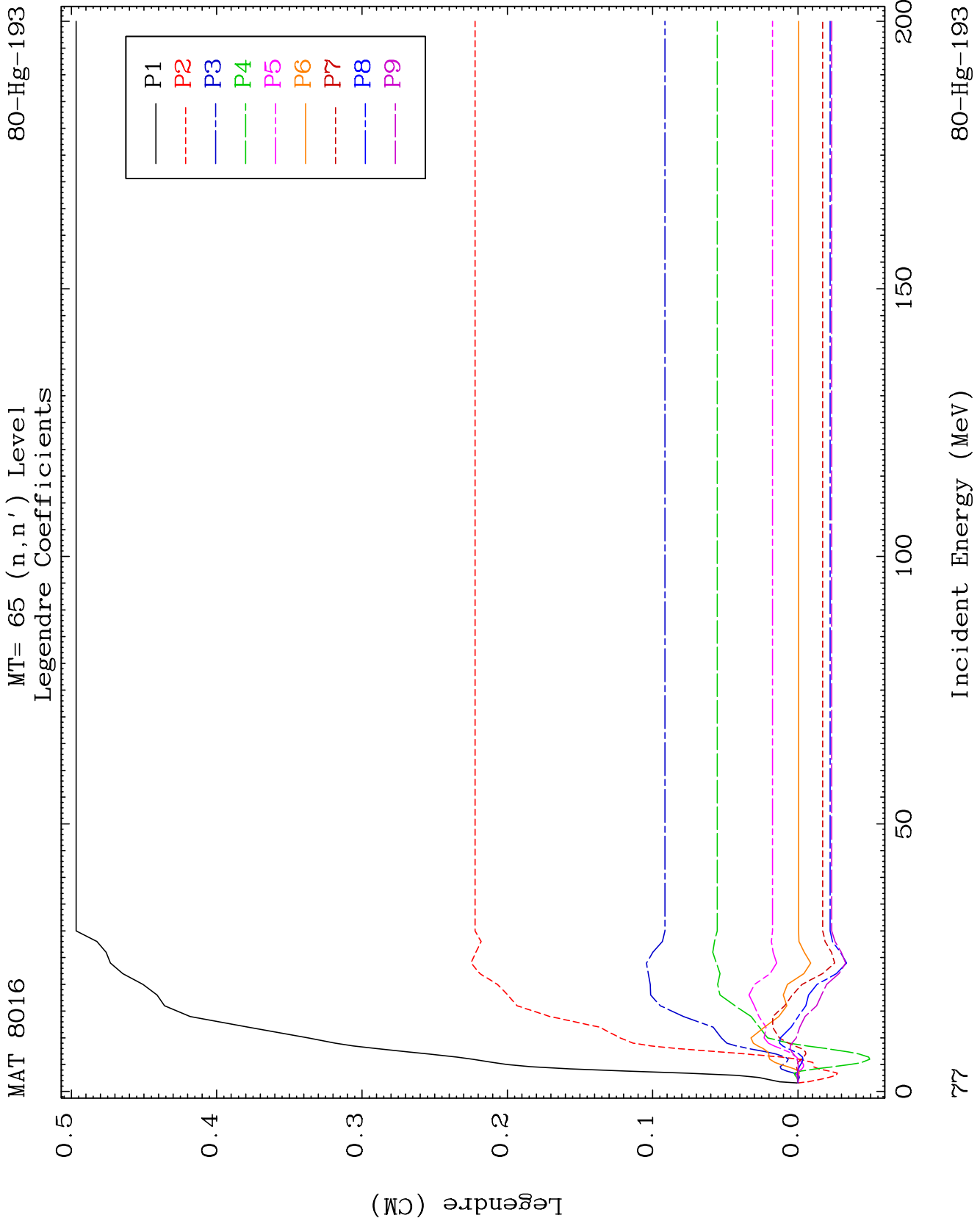


MAT 8016

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

80-Hg-193

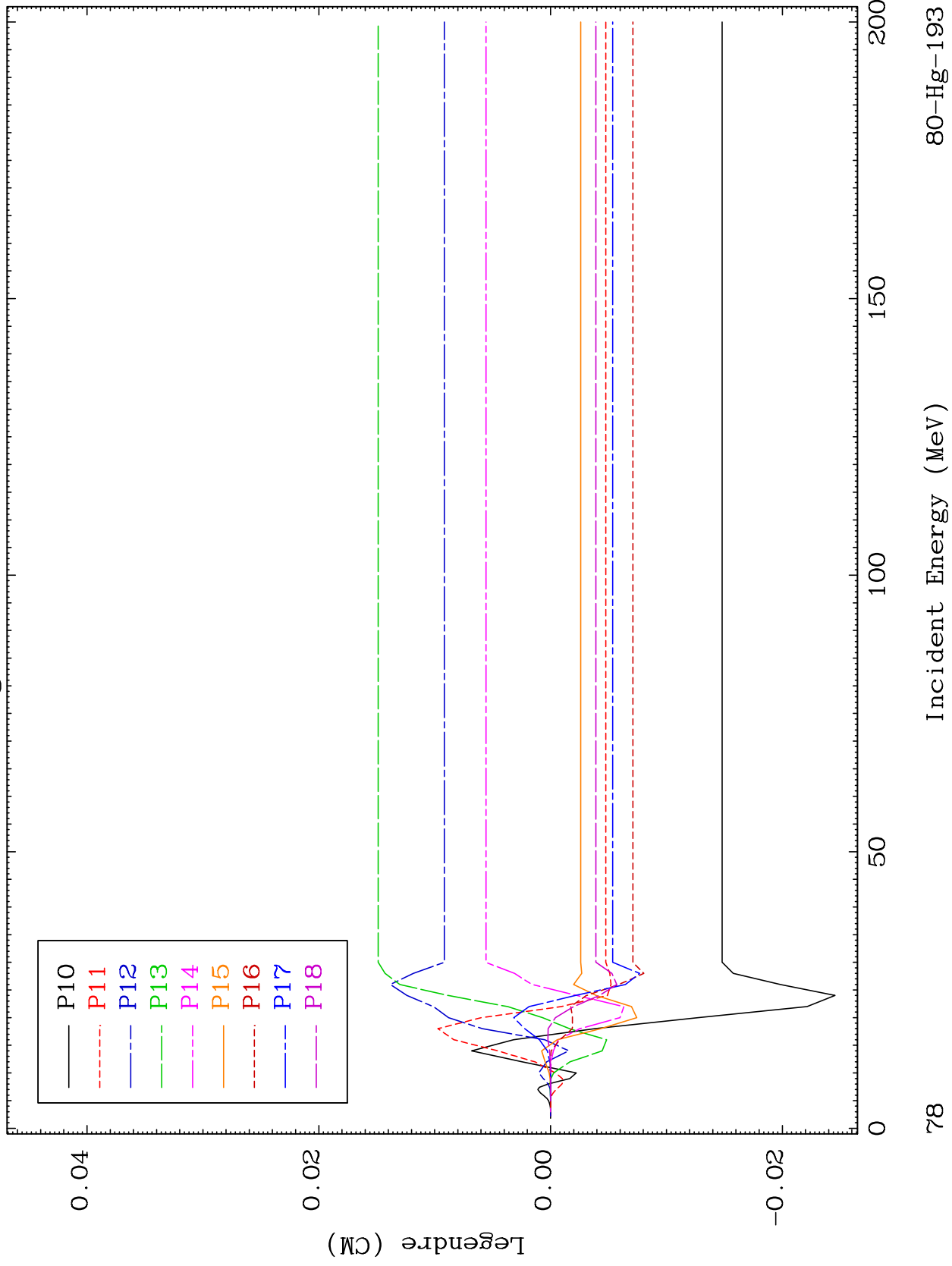




MAT 8016

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

80-Hg-193



80-Hg-193

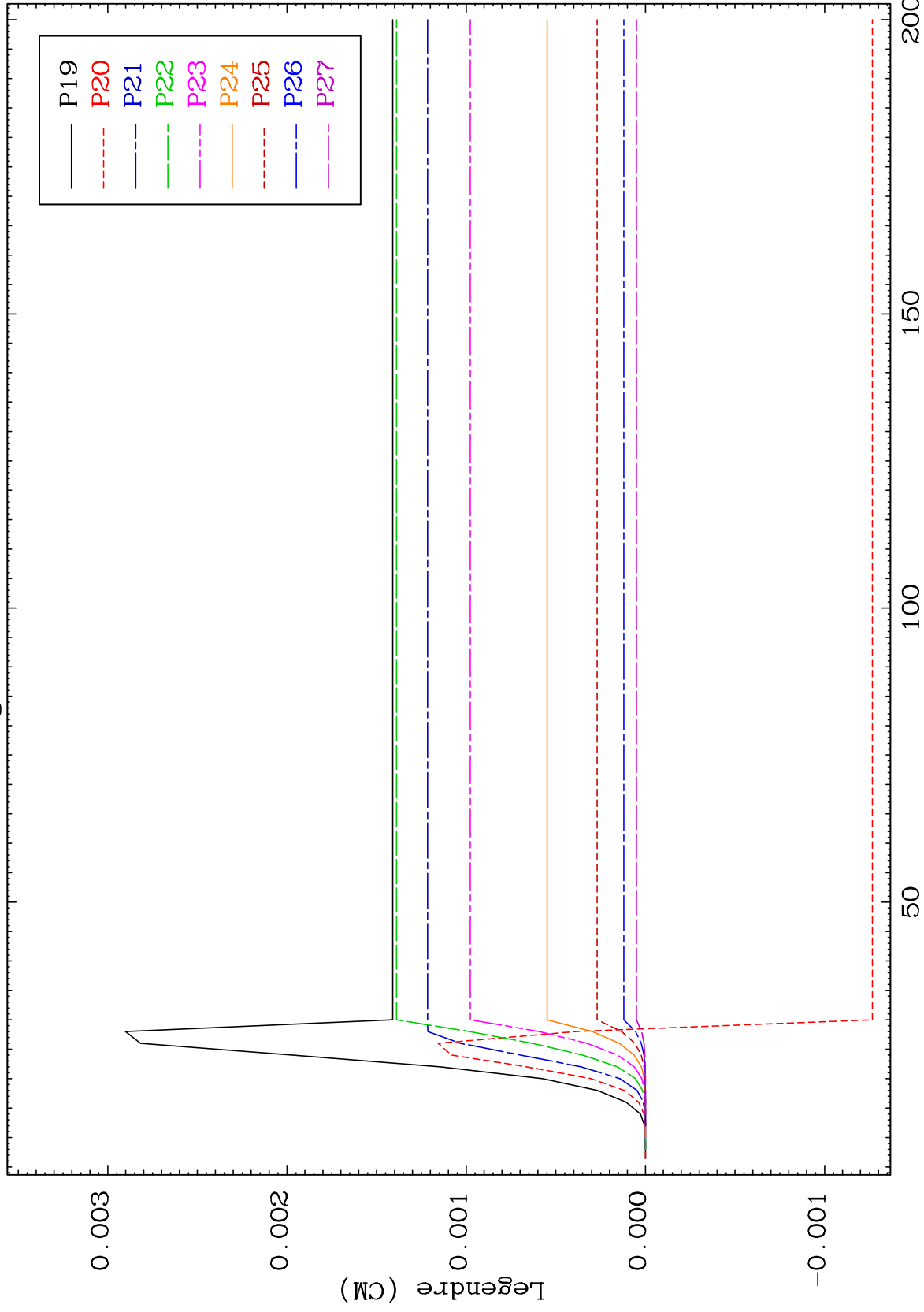
Incident Energy (MeV)

78

MAT 8016

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

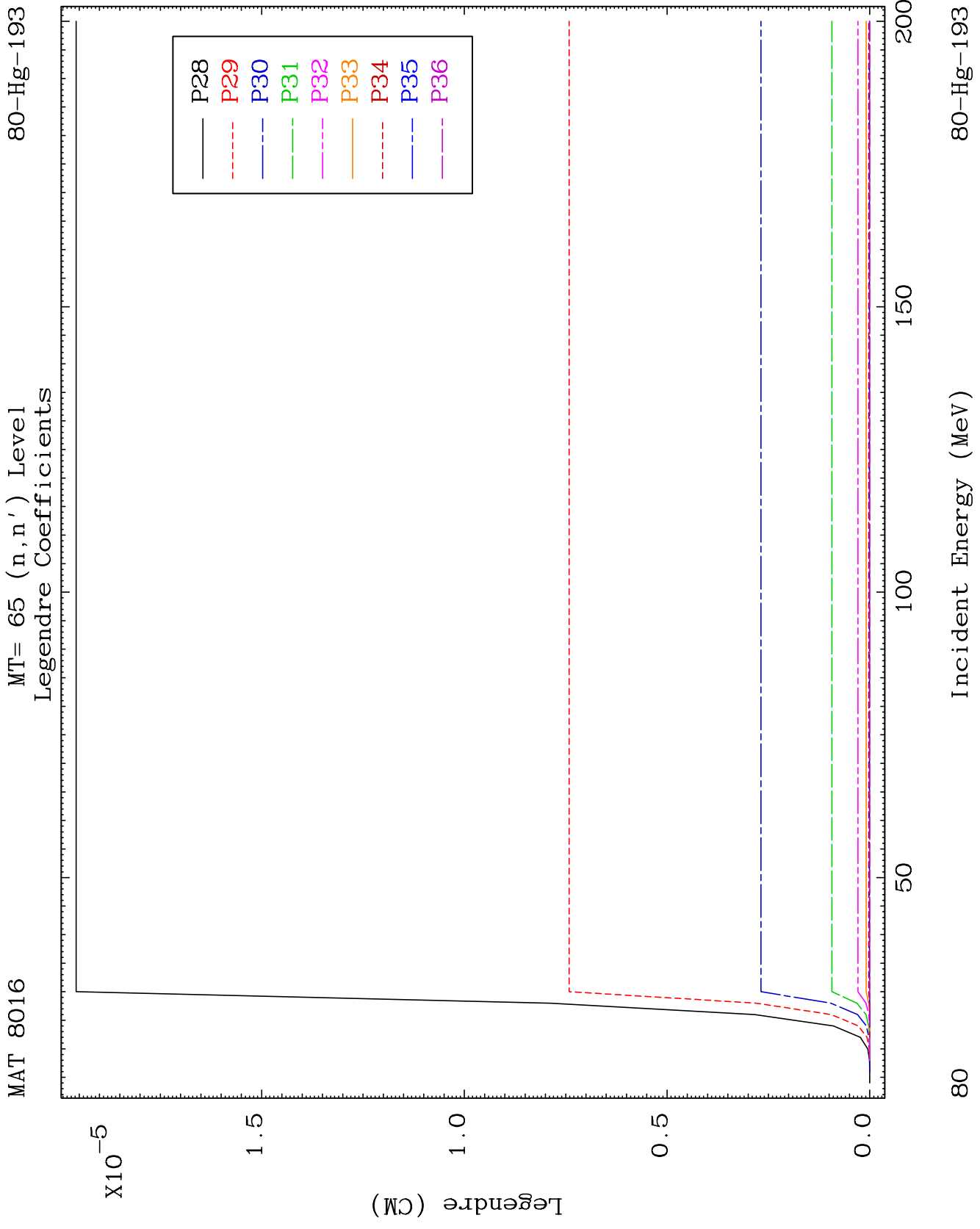
80-Hg-193

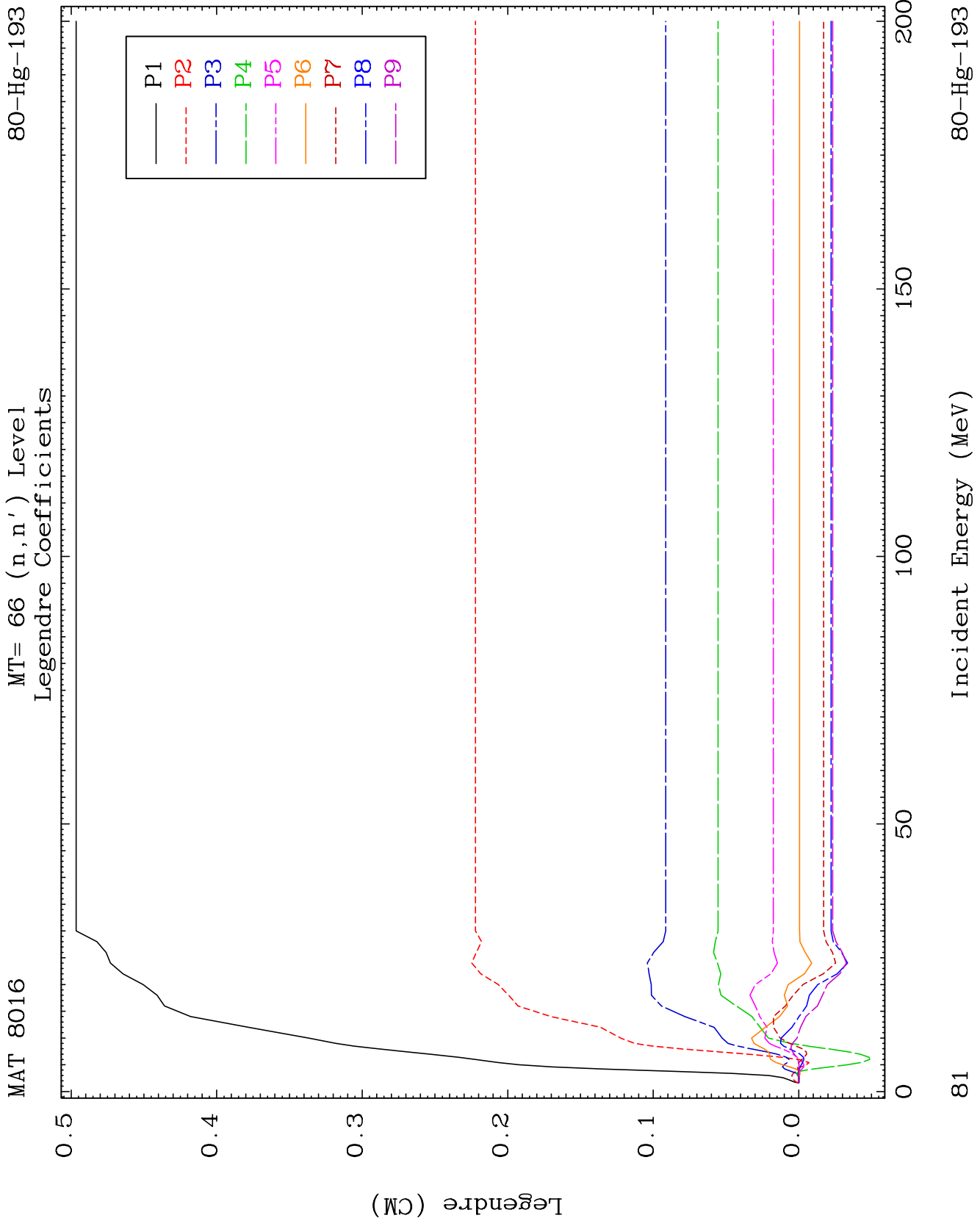


79

Incident Energy (MeV)

80-Hg-193

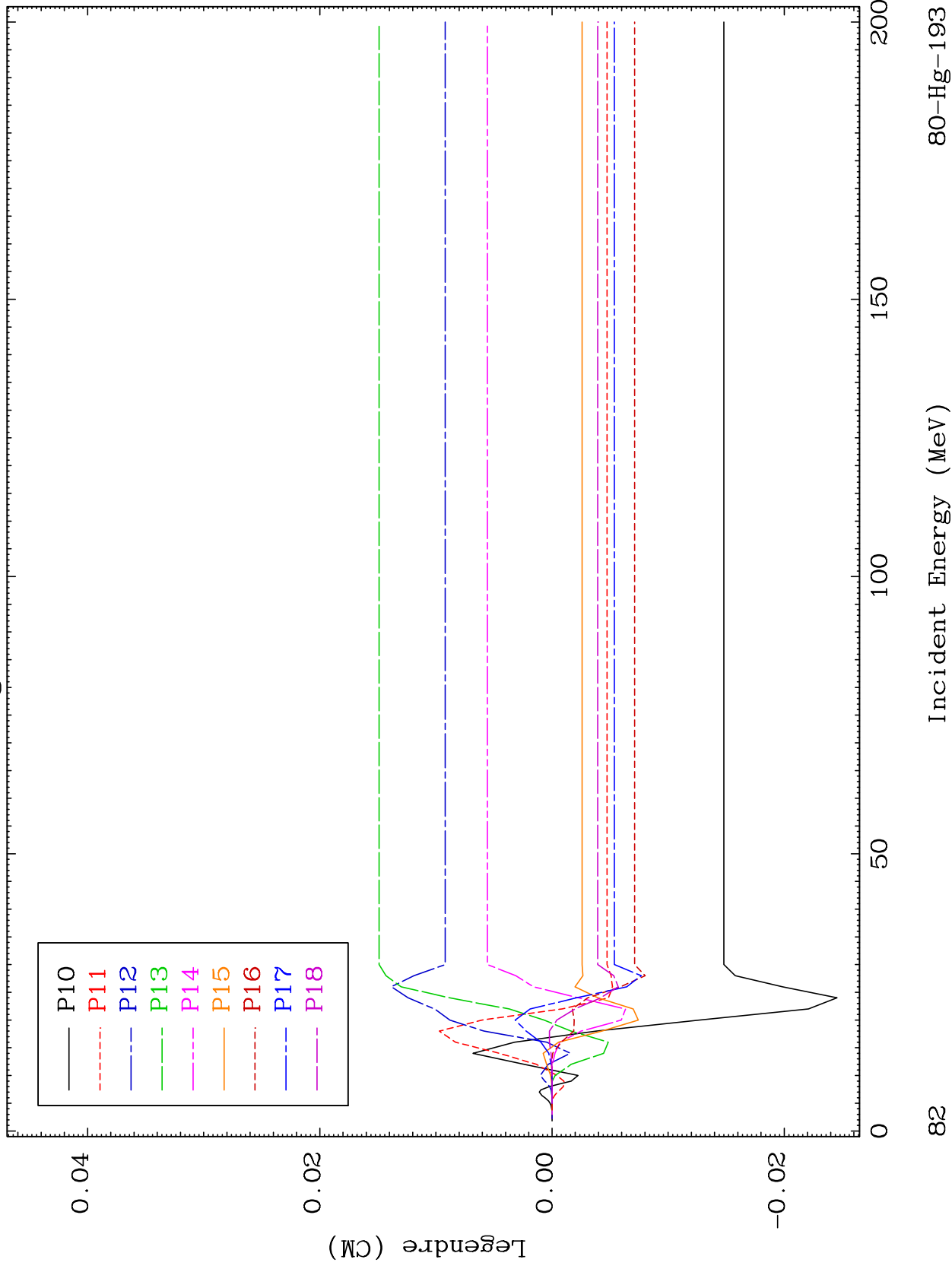




MAT 8016

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

80-Hg-193



80-Hg-193

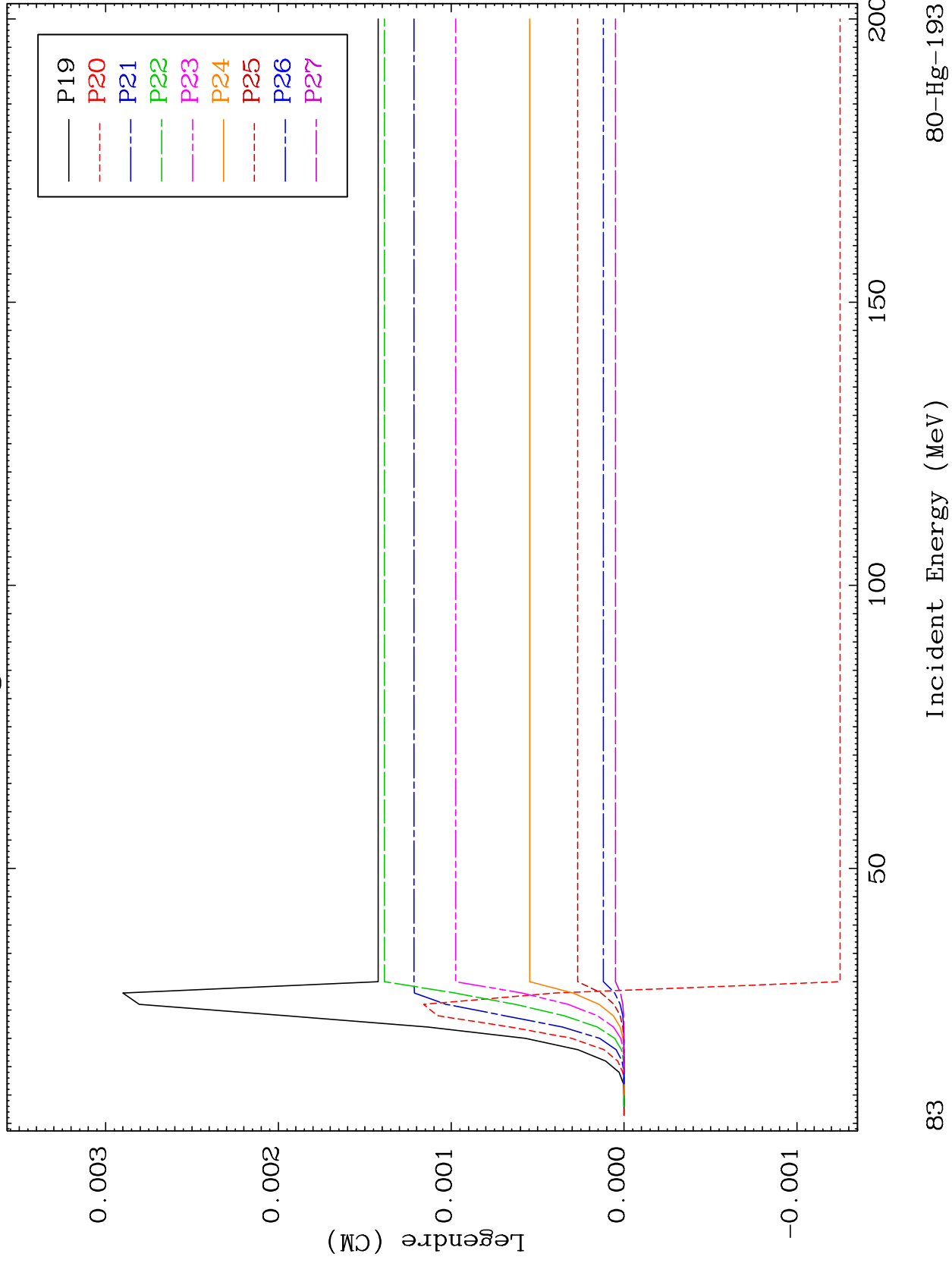
Incident Energy (MeV)

82

MAT 8016

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

80-Hg-193



83

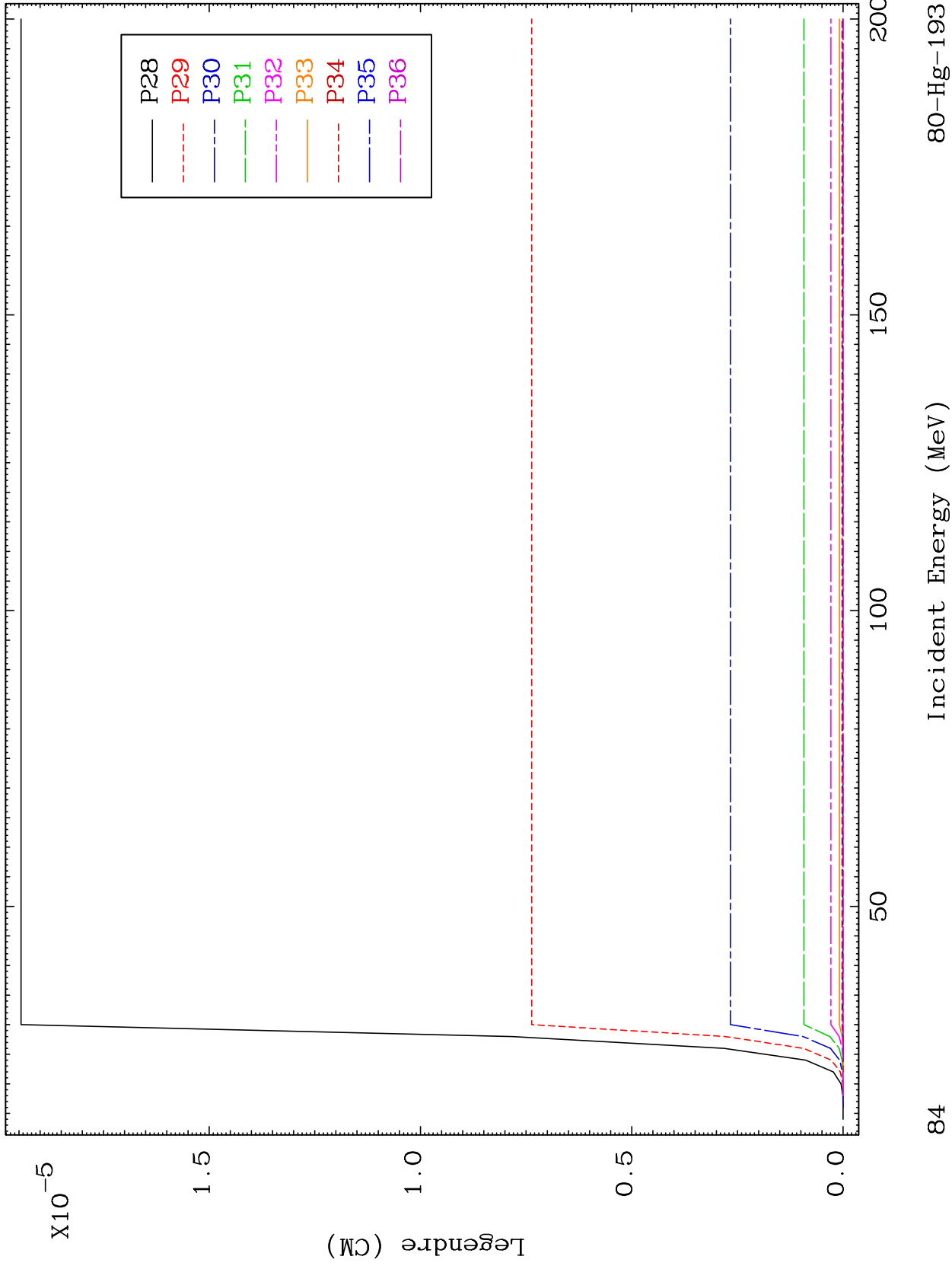
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193

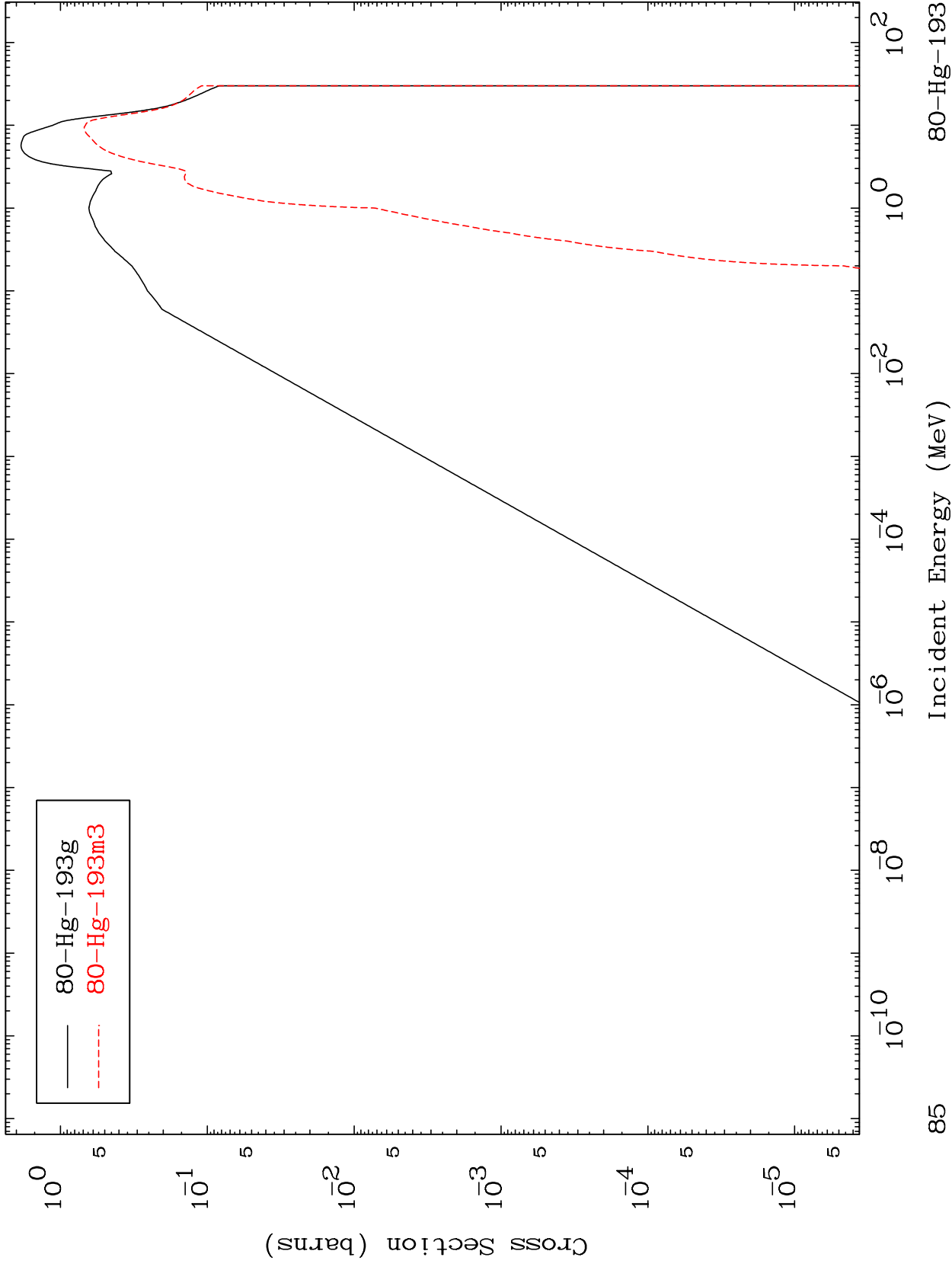


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MAT 8016

Inelastic
Radionuclide Production Cross Section

80-Hg-193

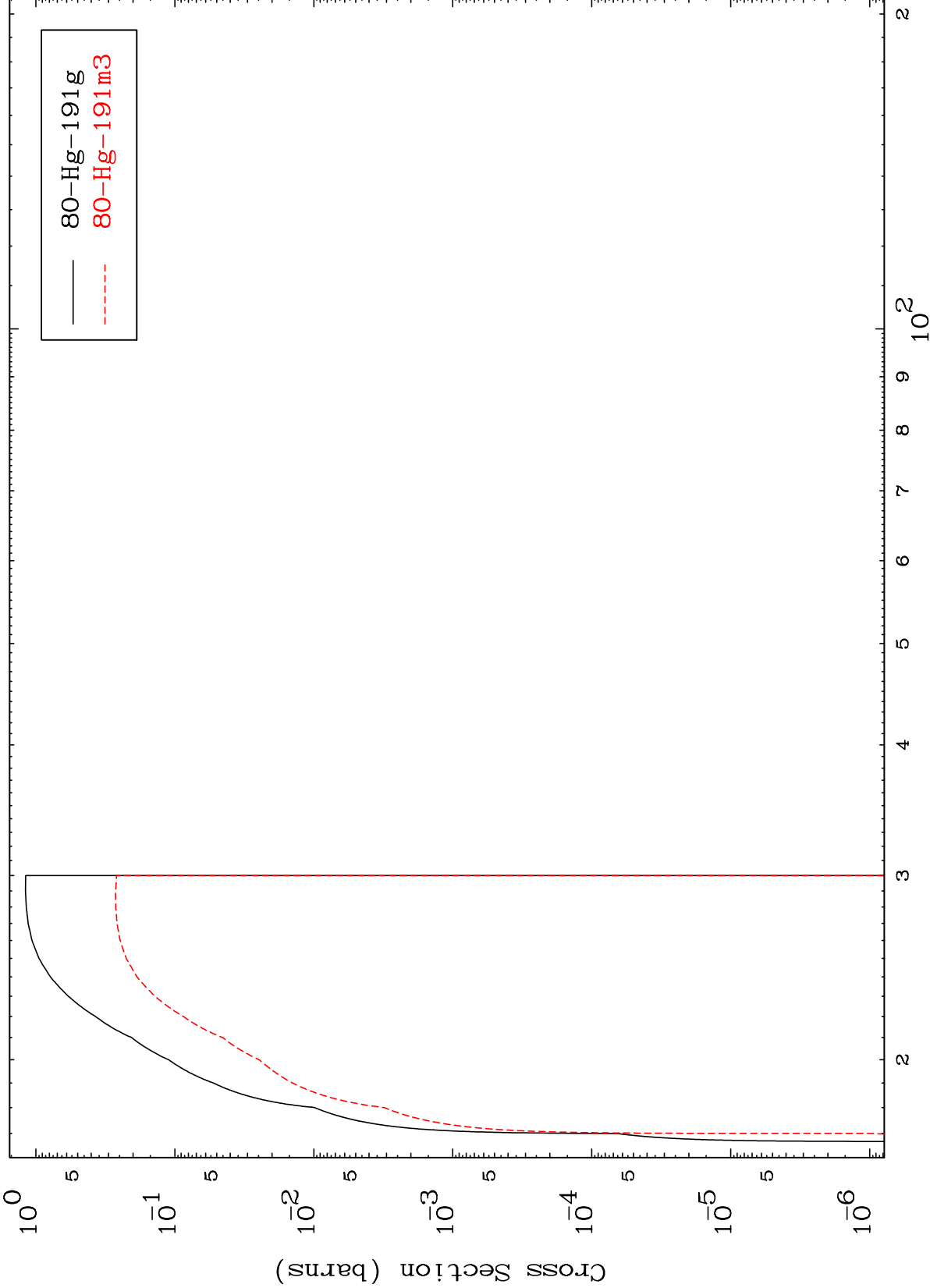


MAT 8016

(n,3n)

80-Hg-193

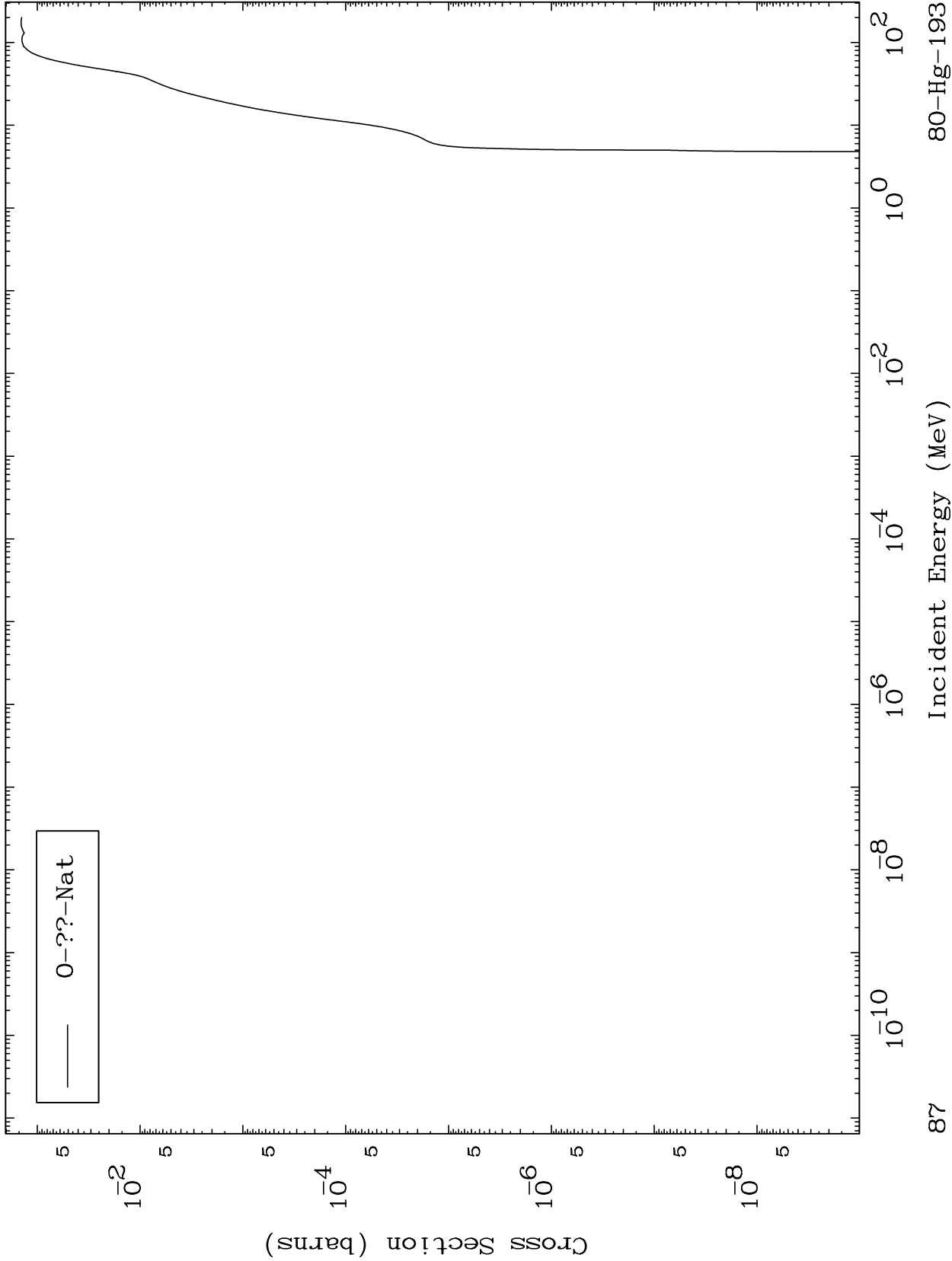
Radionuclide Production Cross Section



MAT 8016

Fission
Radionuclide Production Cross Section

80-Hg-193

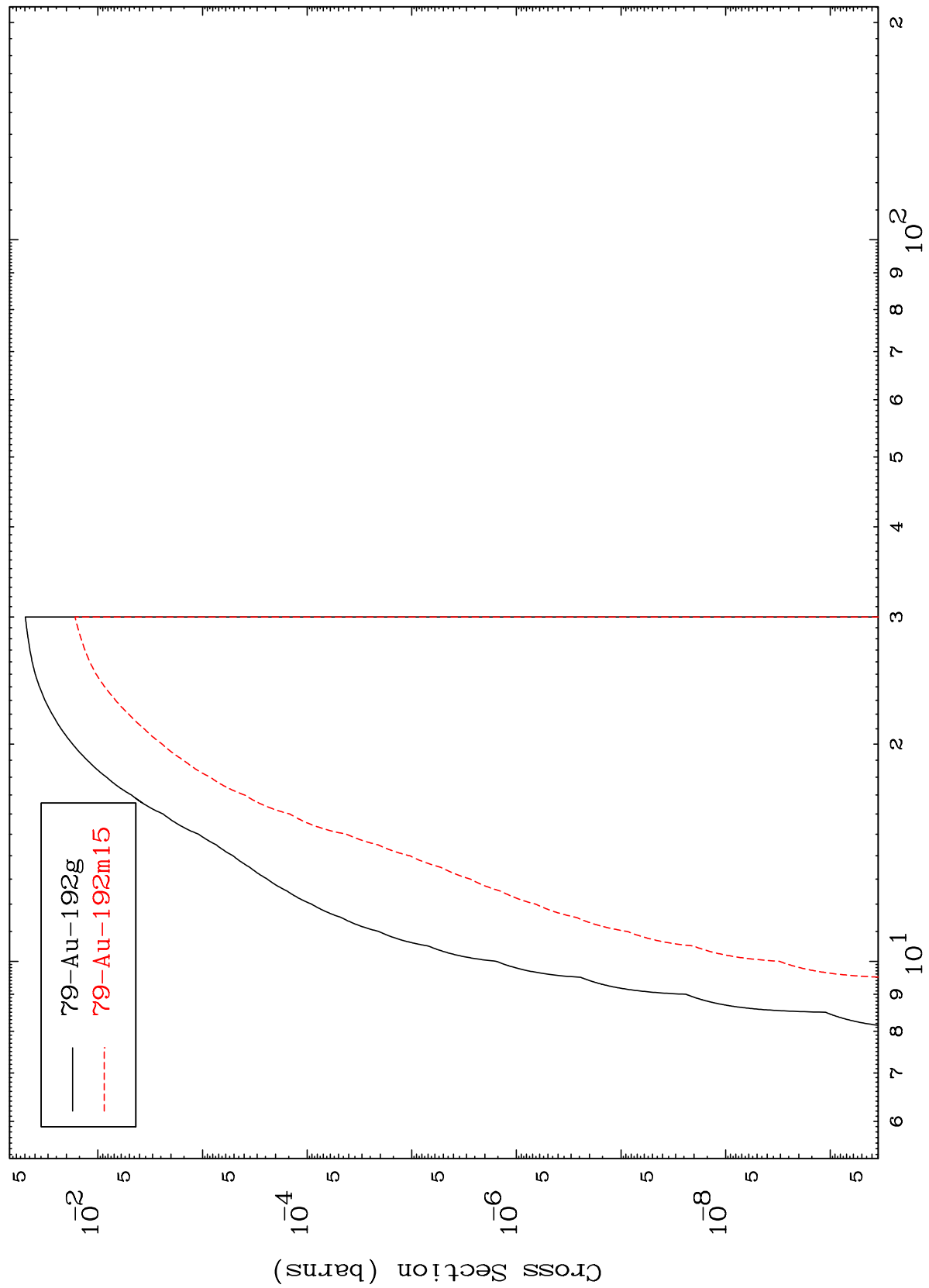


MAT 8016

(n,n') p

80-Hg-193

Radionuclide Production Cross Section

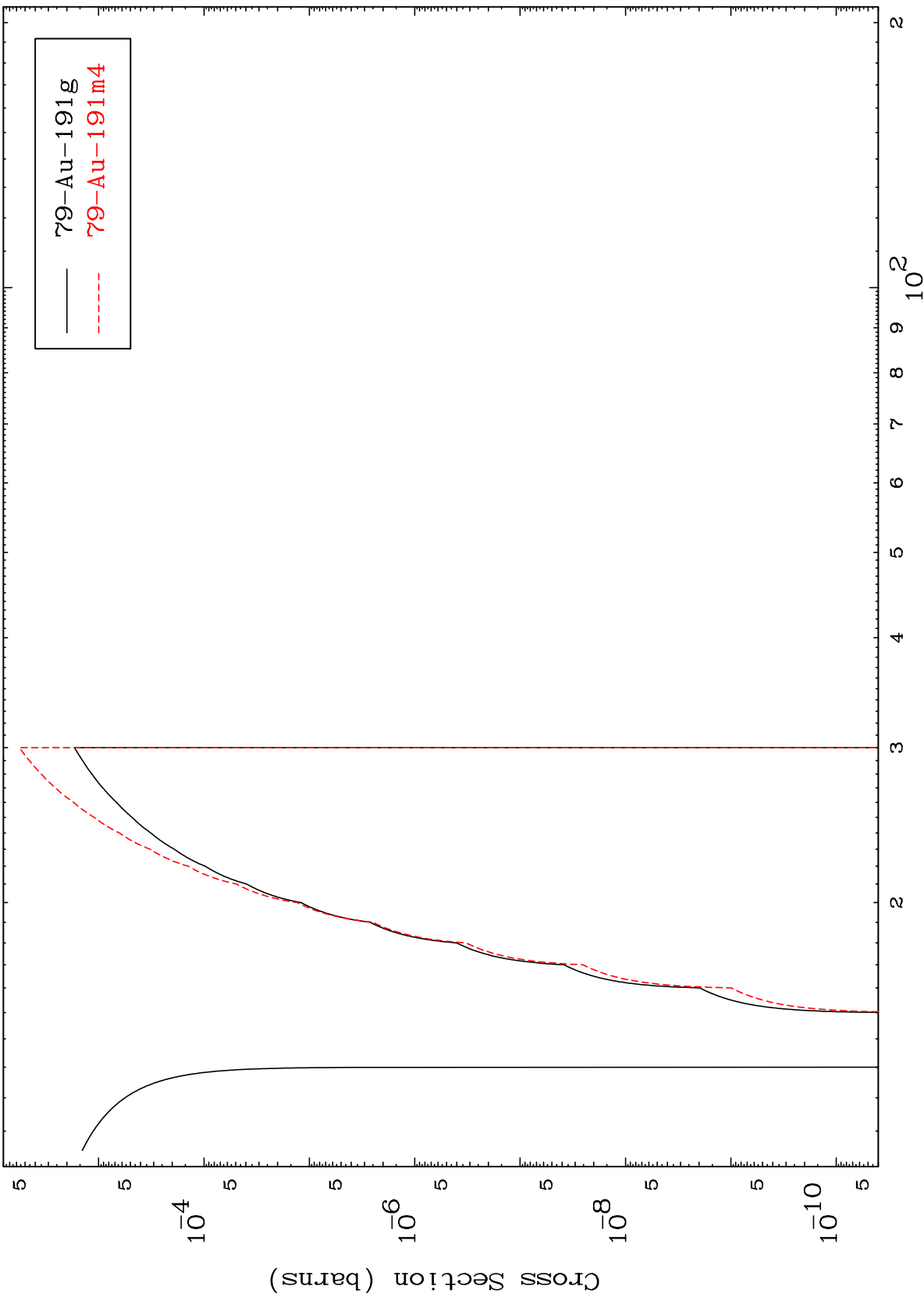


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Incident Energy (MeV)

80-Hg-193

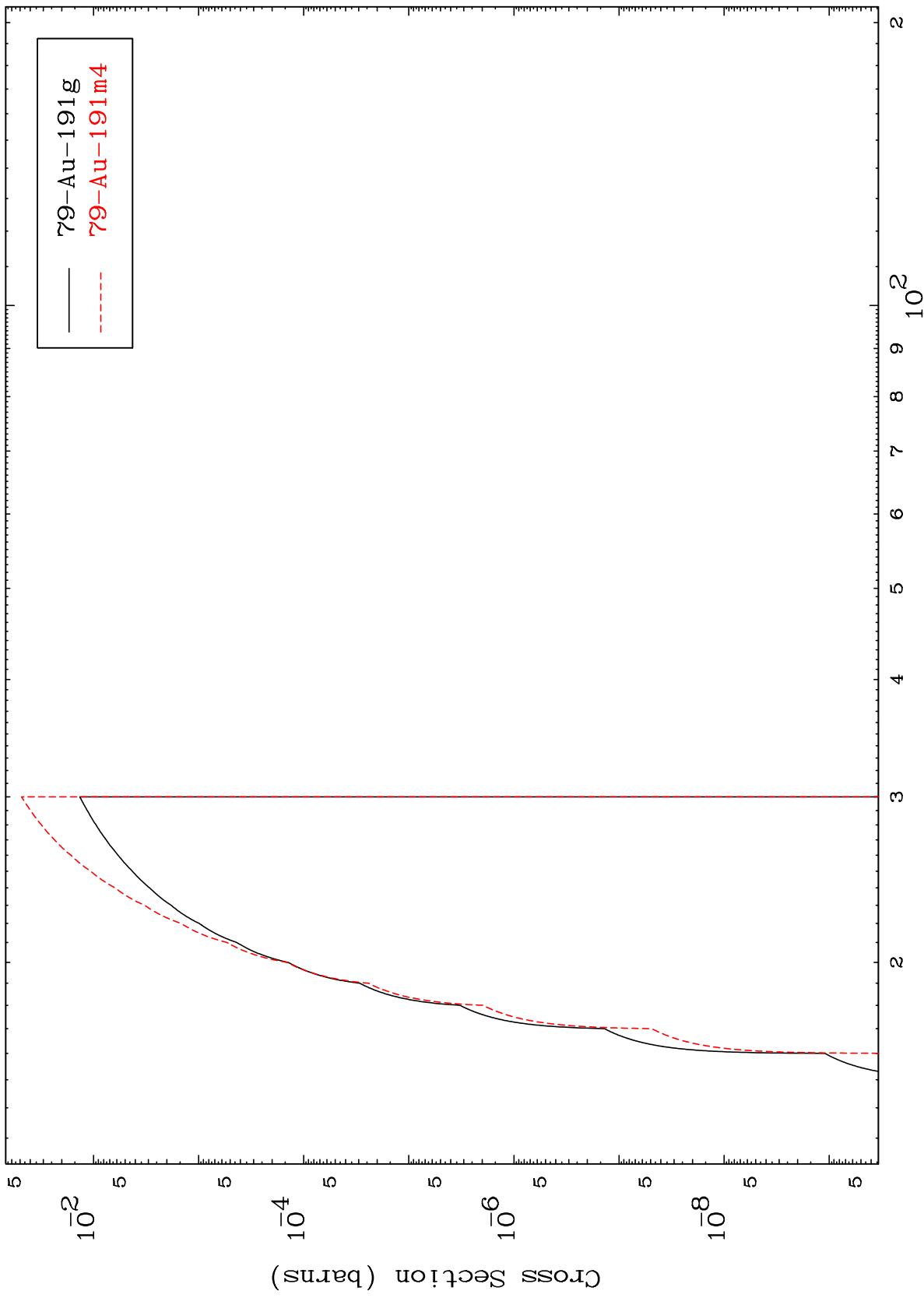
Radionuclide Production Cross Section



MAT 8016

80-Hg-193

(n,2n) p
Radionuclide Production Cross Section



90

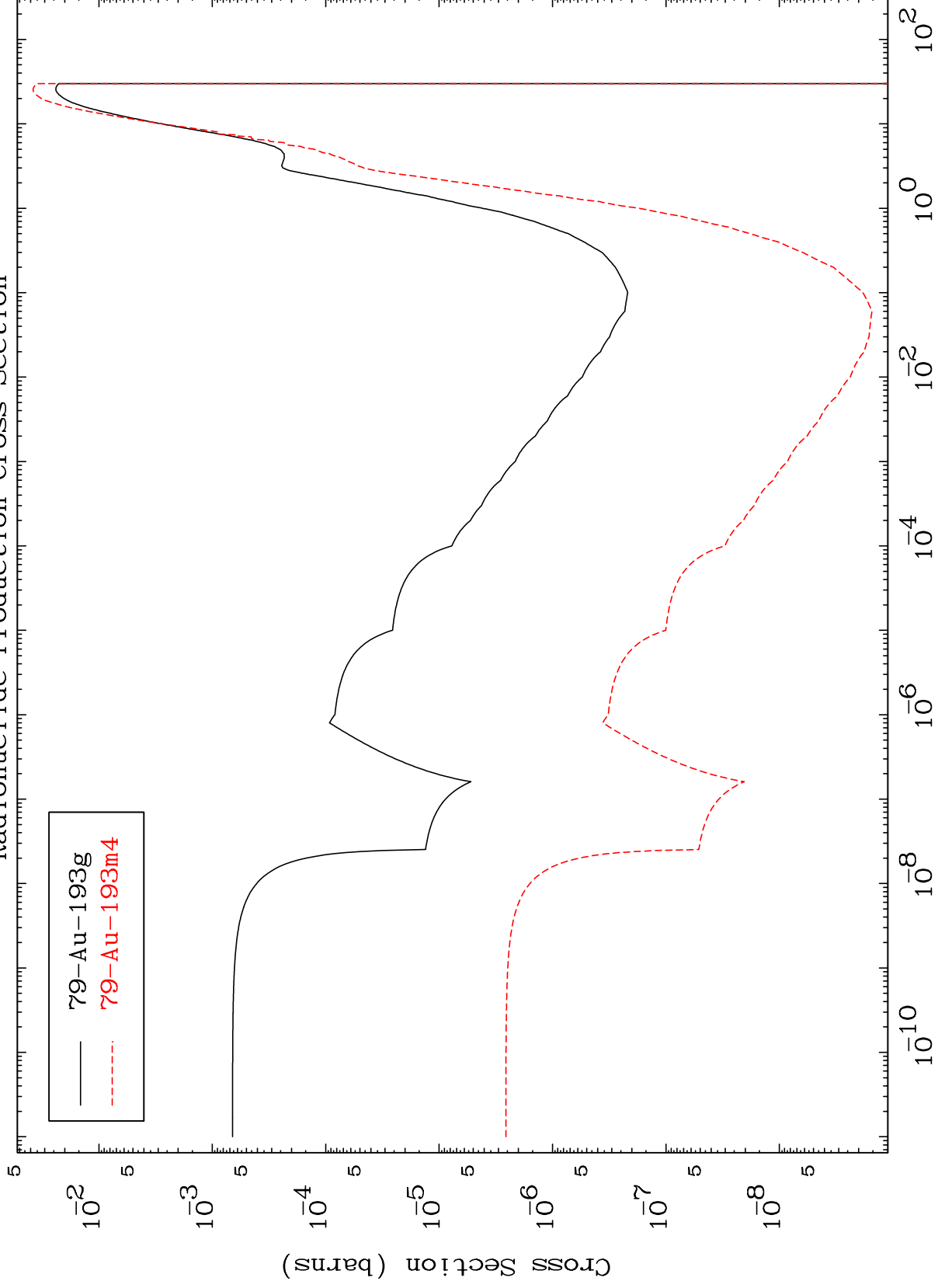
Incident Energy (MeV)

80-Hg-193

MAT 8016

(n,p)
Radionuclide Production Cross Section

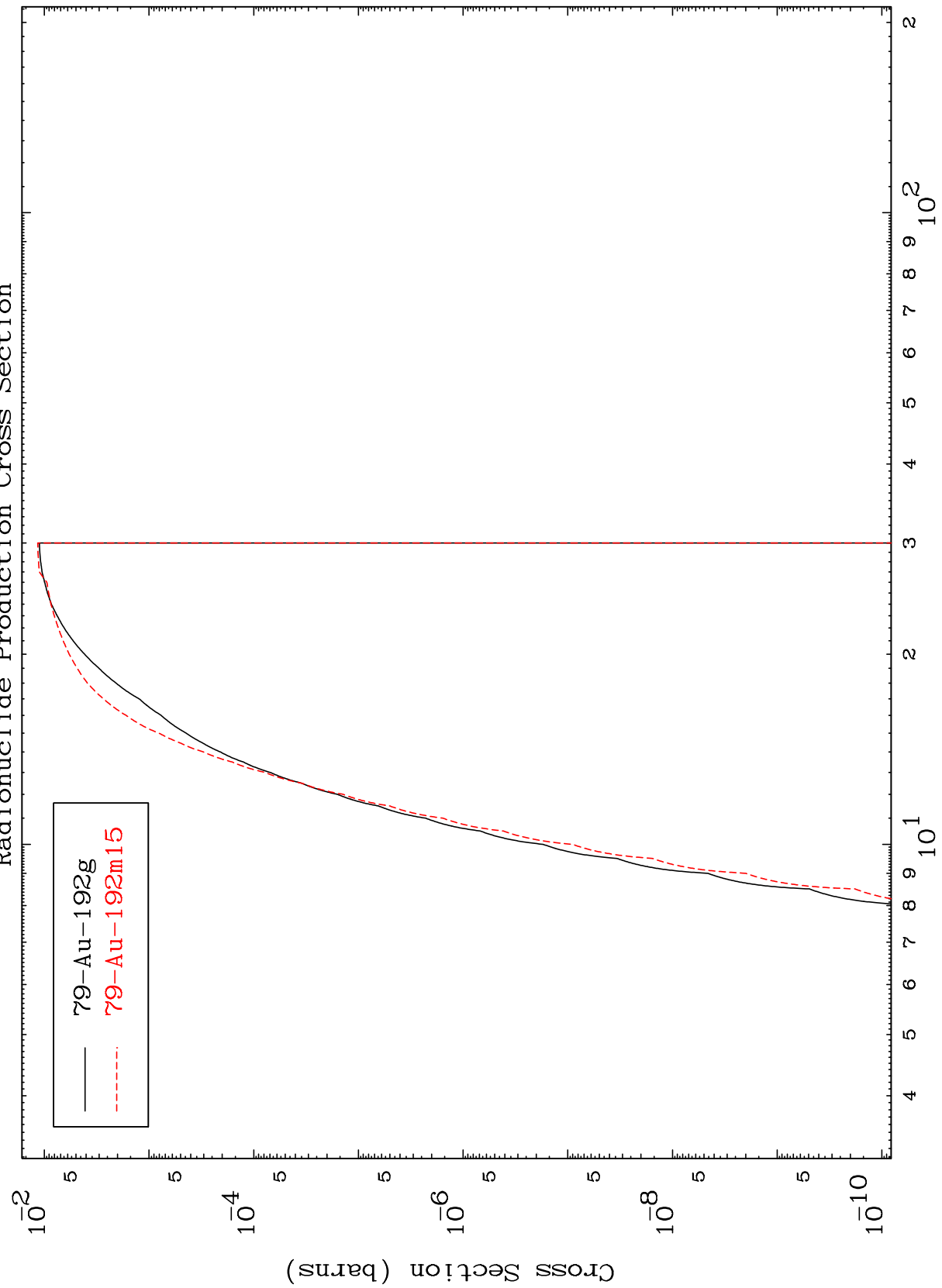
80-Hg-193



MAT 8016

80-Hg-193

(n,d)
Radionuclide Production Cross Section



92

80-Hg-193

Incident Energy (MeV)

