

Program EVALPLOT  
(Version 2017-1)

by

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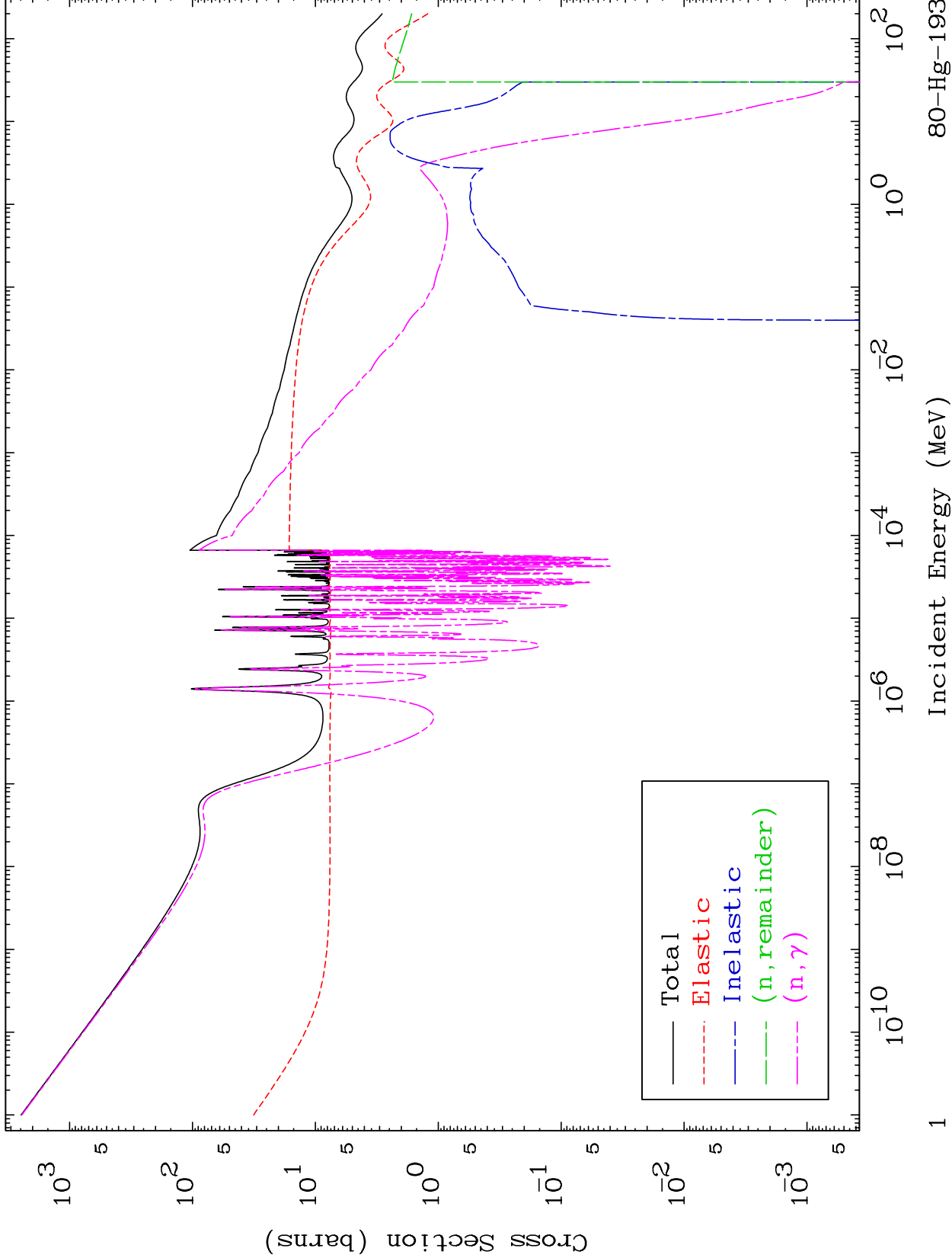
Press Mouse Button to Start

MAT 8016

Major

293 Kelvin Cross Sections

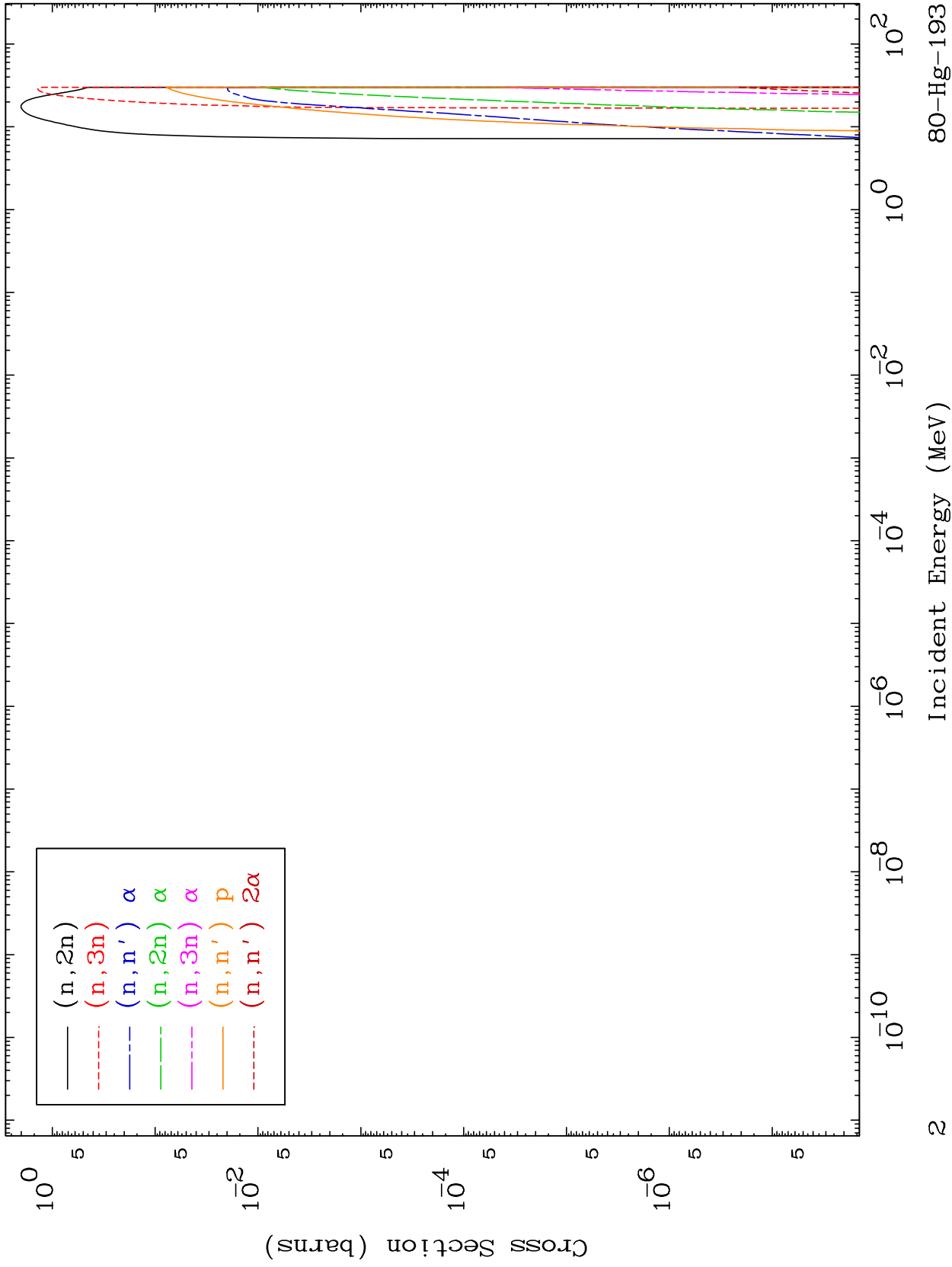
80-Hg-193



MAT 8016

Neutron Production  
293 Kelvin Cross Sections

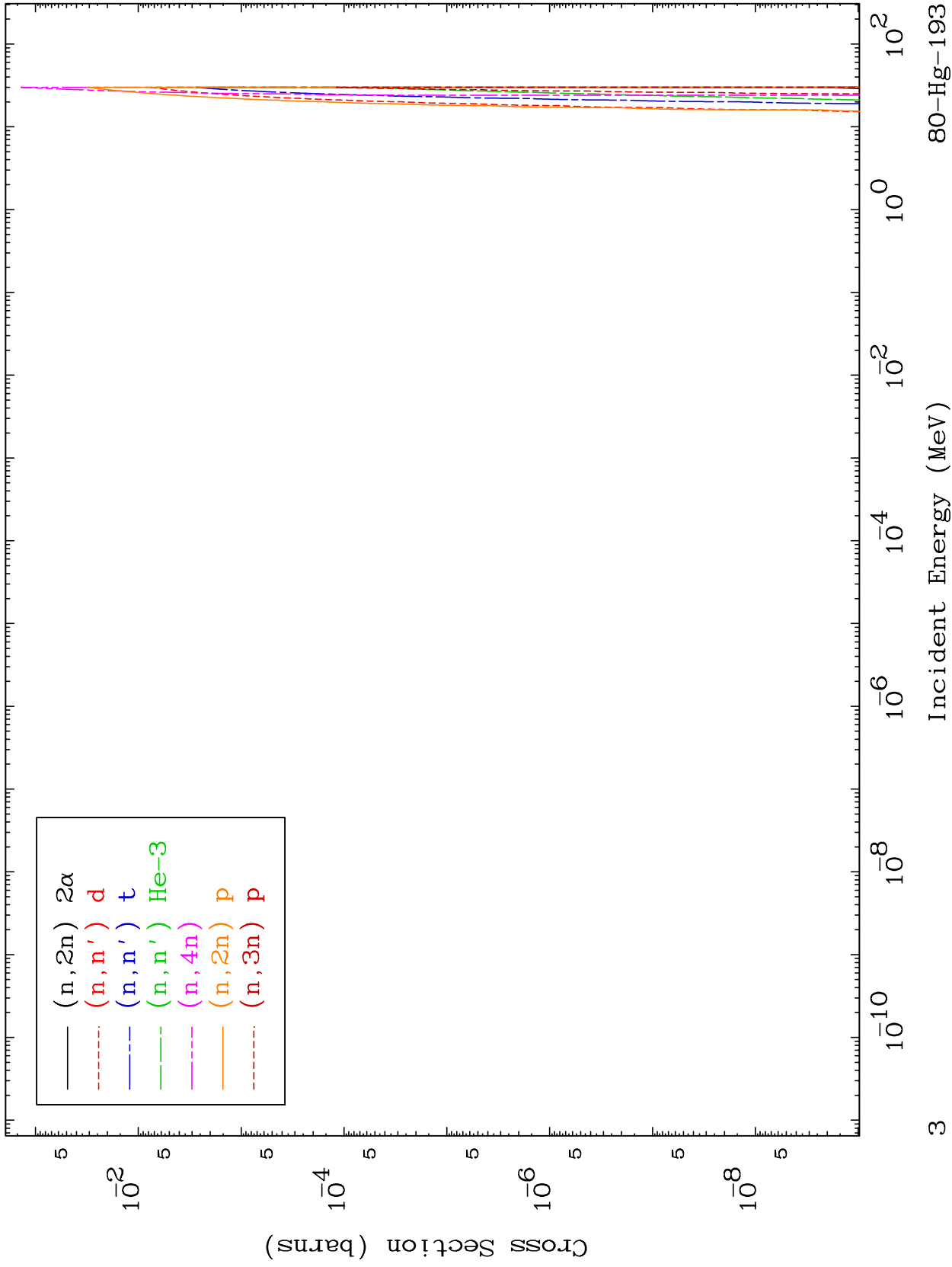
80-Hg-193



MAT 8016

Neutron Production  
293 Kelvin Cross Sections

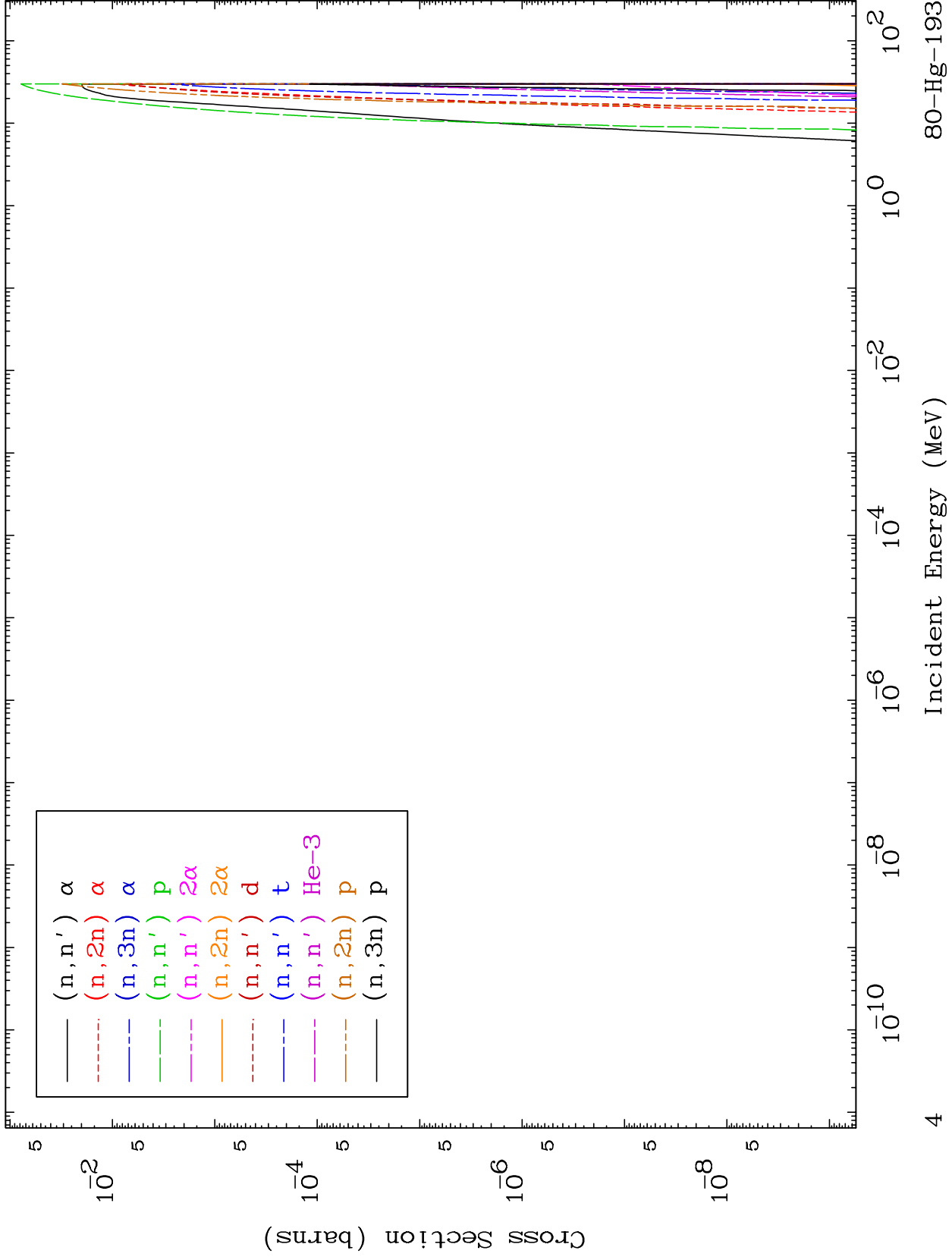
80-Hg-193



MAT 8016

Charged Particle  
293 Kelvin Cross Sections

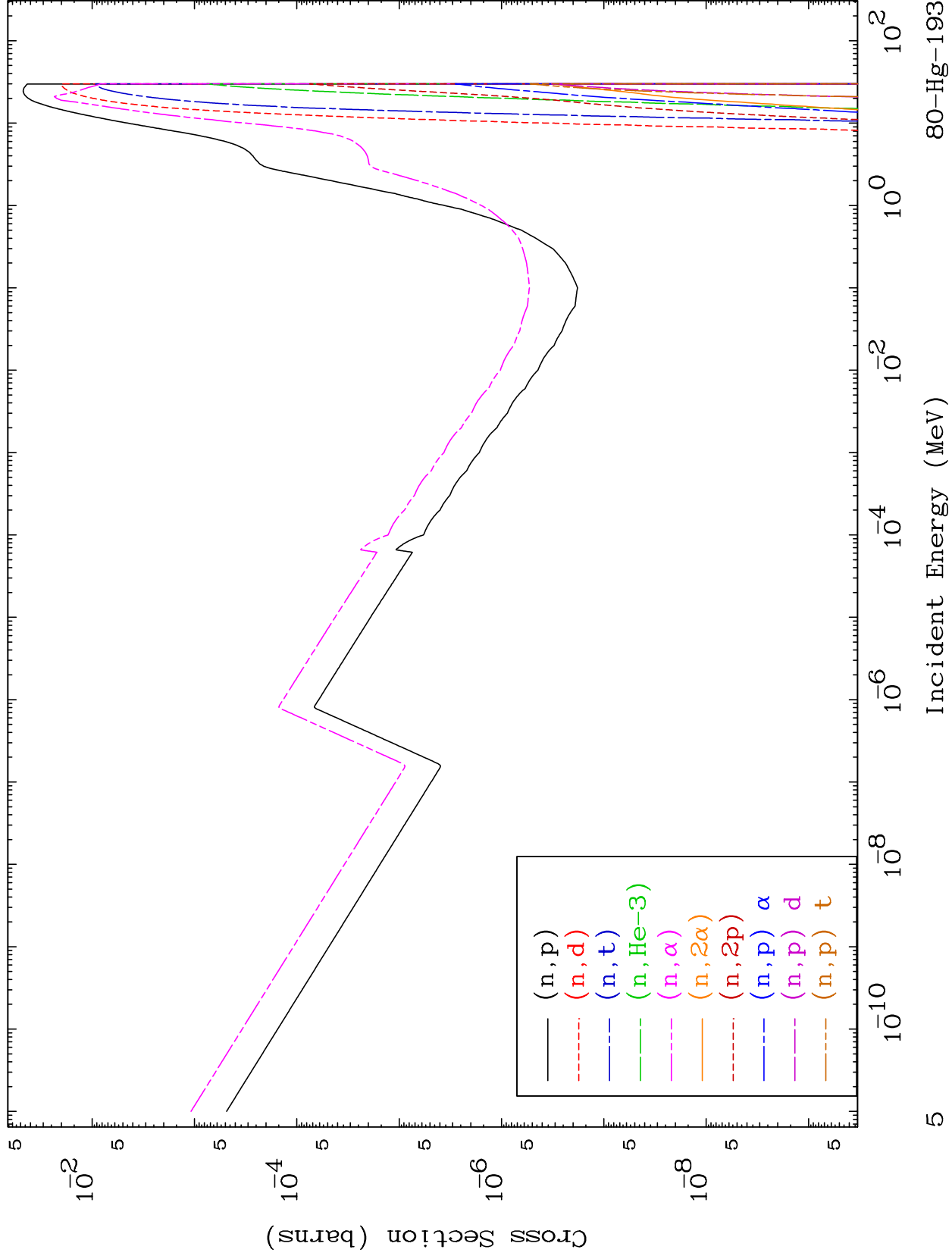
80-Hg-193

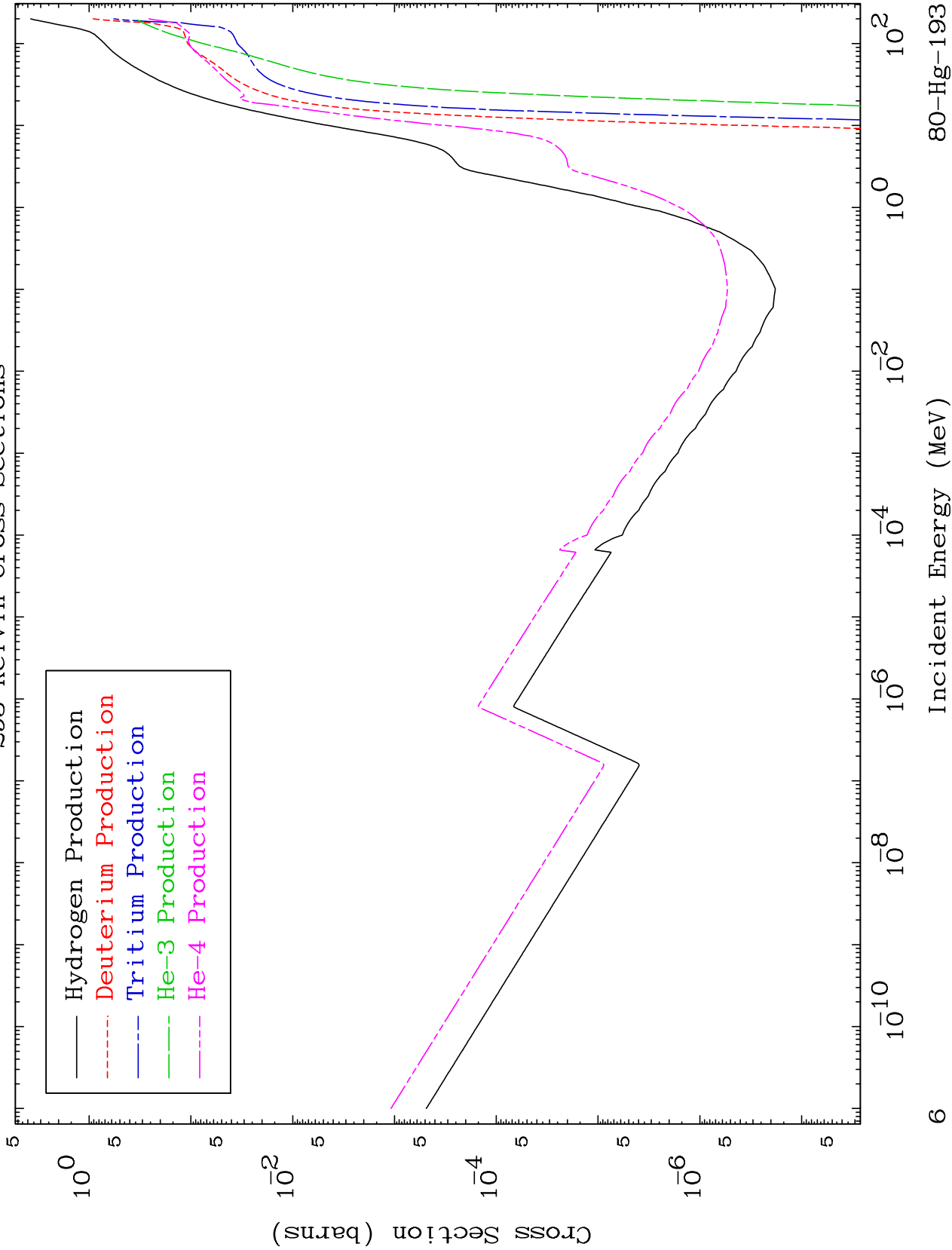


MAT 8016

Charged Particle  
293 Kelvin Cross Sections

80-Hg-193

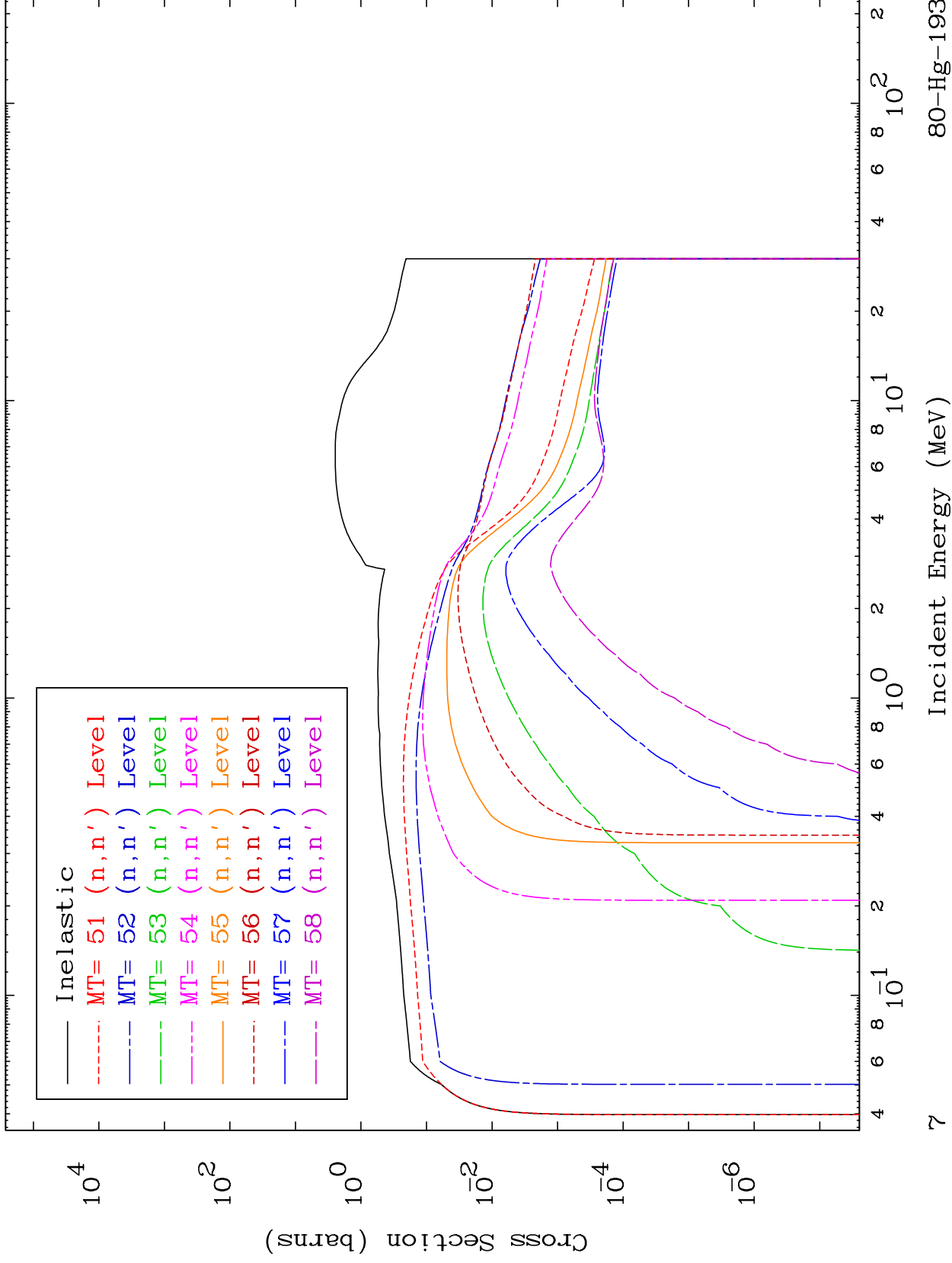




MAT 8016

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-193



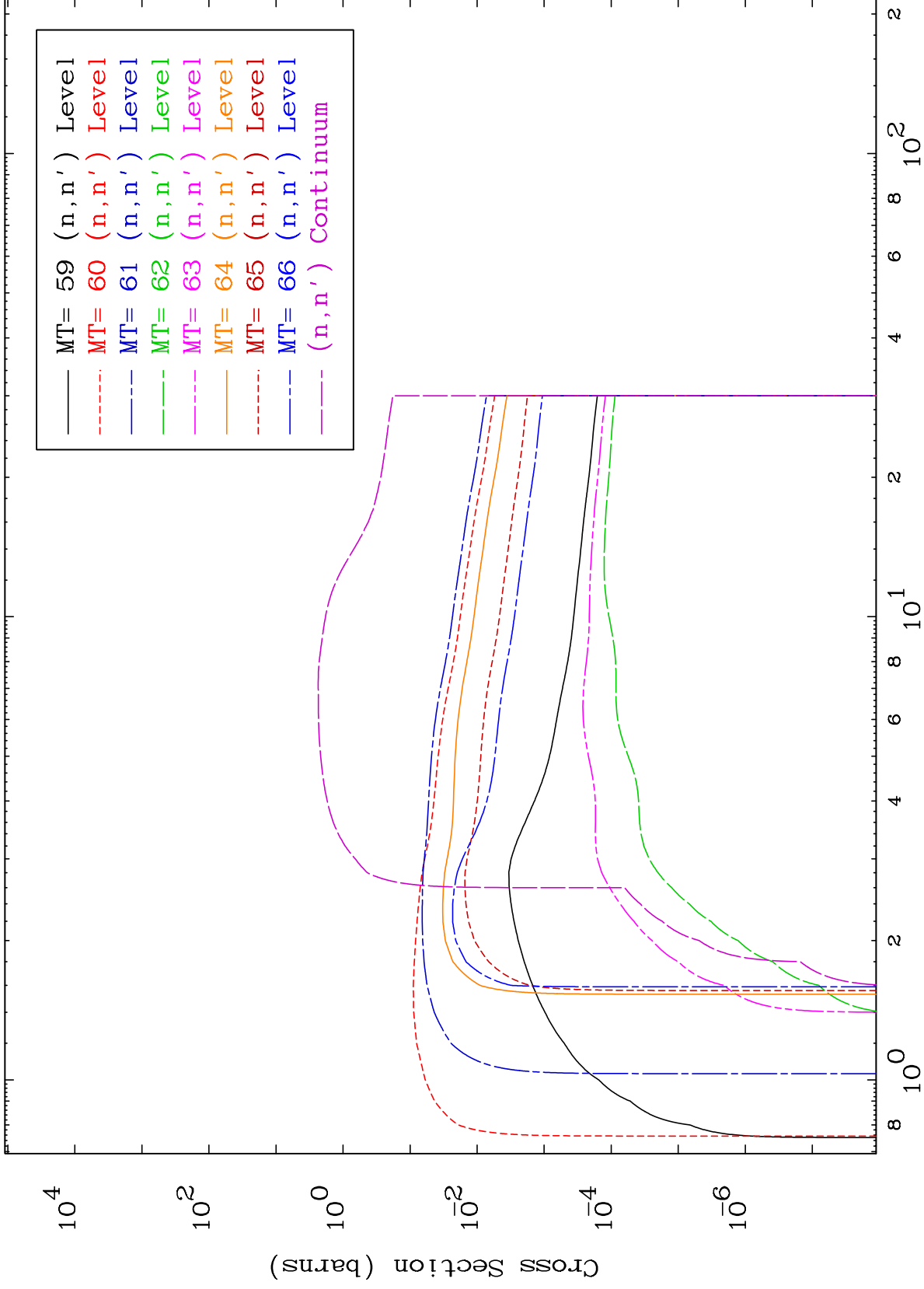


MAT 8016

(n,n') Level

80-Hg-193

293 Kelvin Cross Sections



8

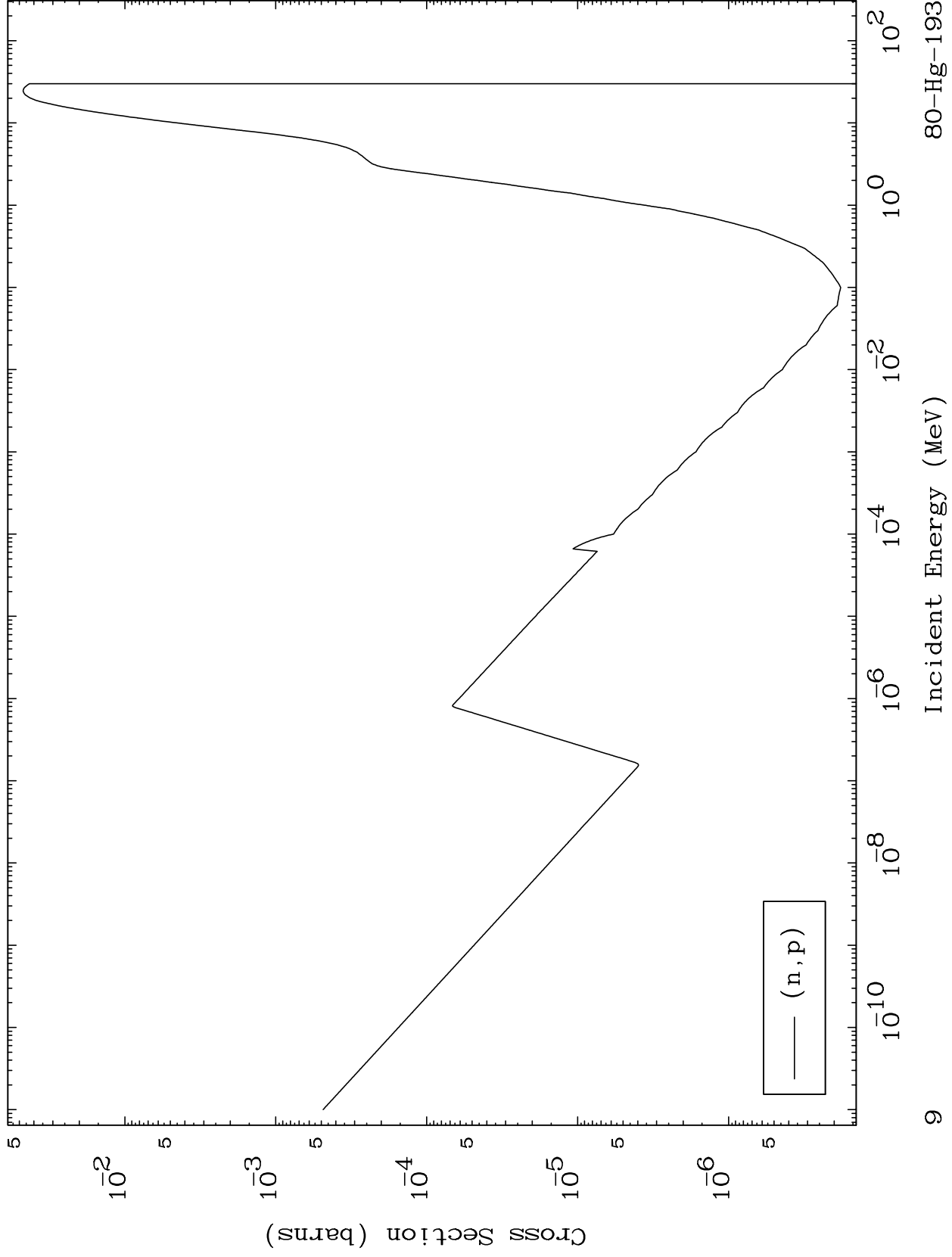
Incident Energy (MeV)

80-Hg-193

MAT 8016

(n,p) Levels  
293 Kelvin Cross Sections

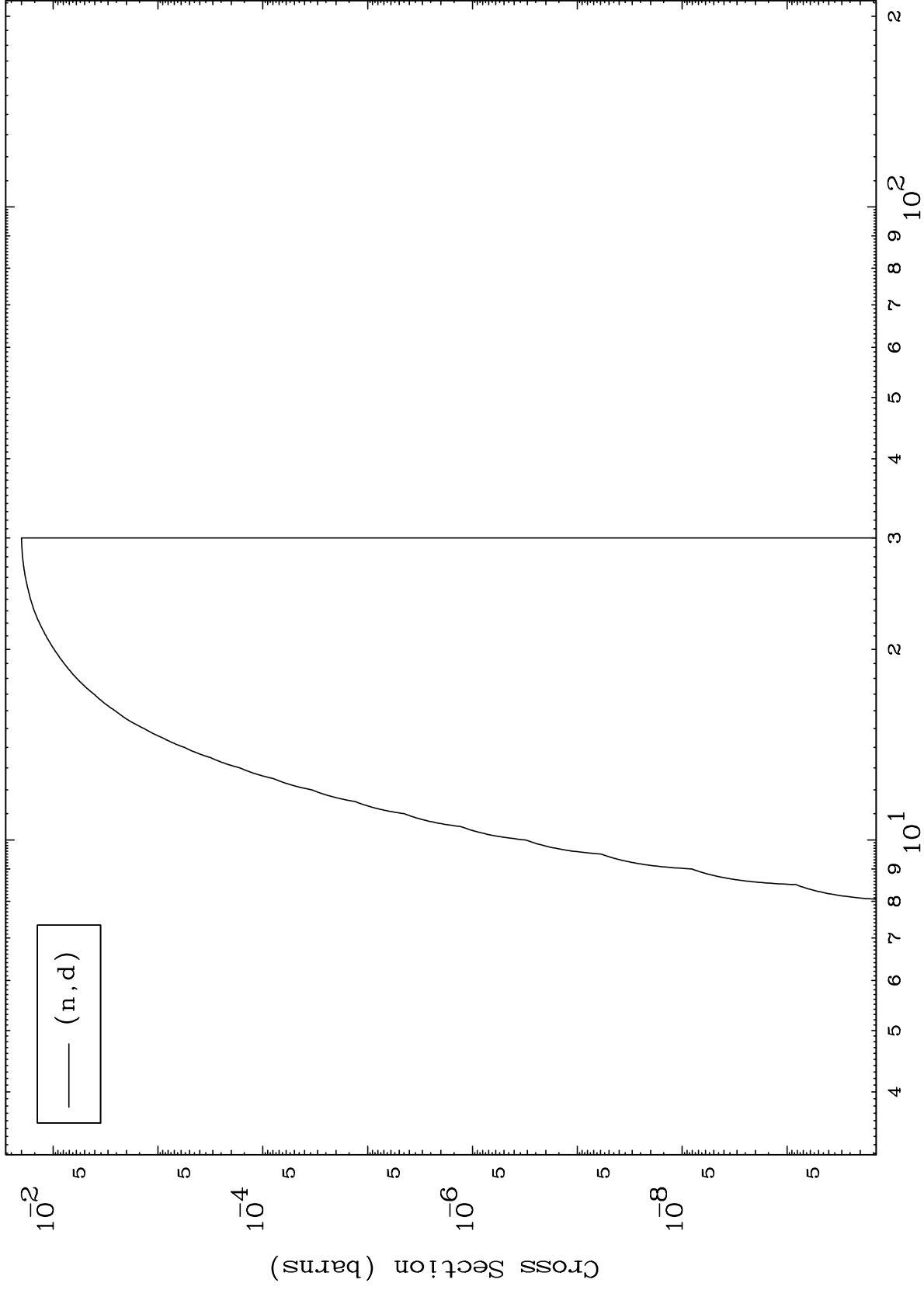
80-Hg-193



MAT 8016

(n,d) Levels  
293 Kelvin Cross Sections

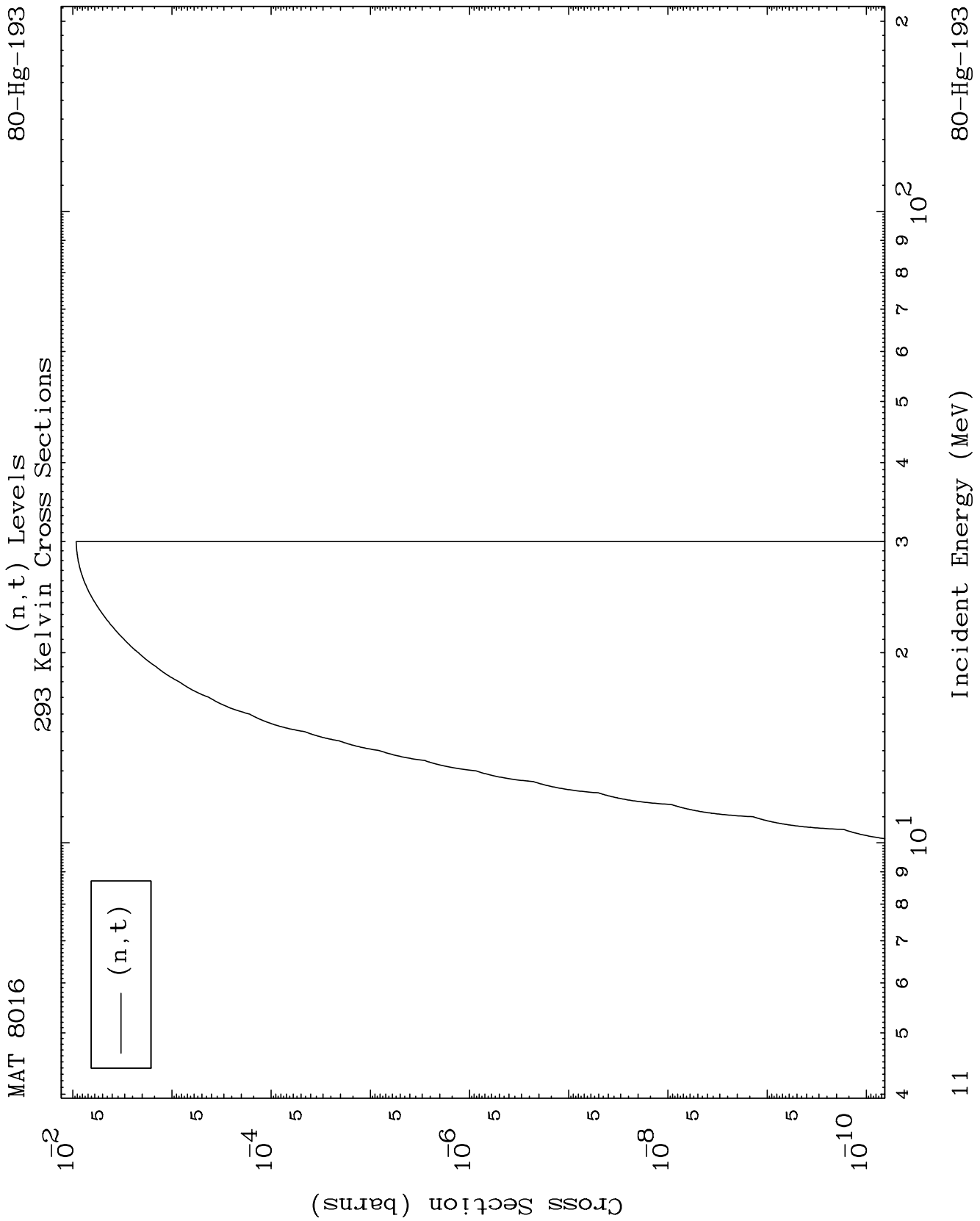
80-Hg-193



10

Incident Energy (MeV)

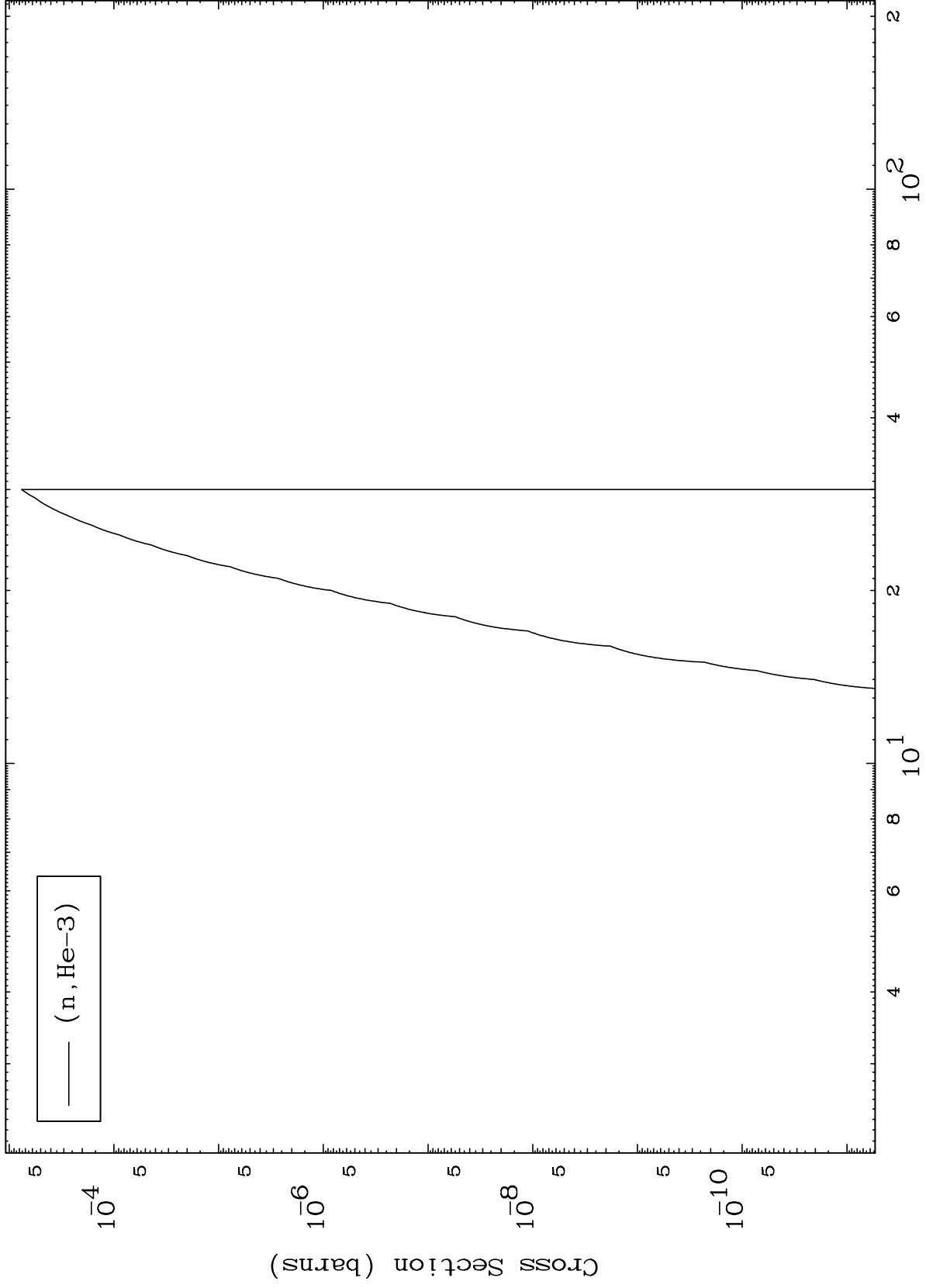
80-Hg-193



MAT 8016

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-193



12

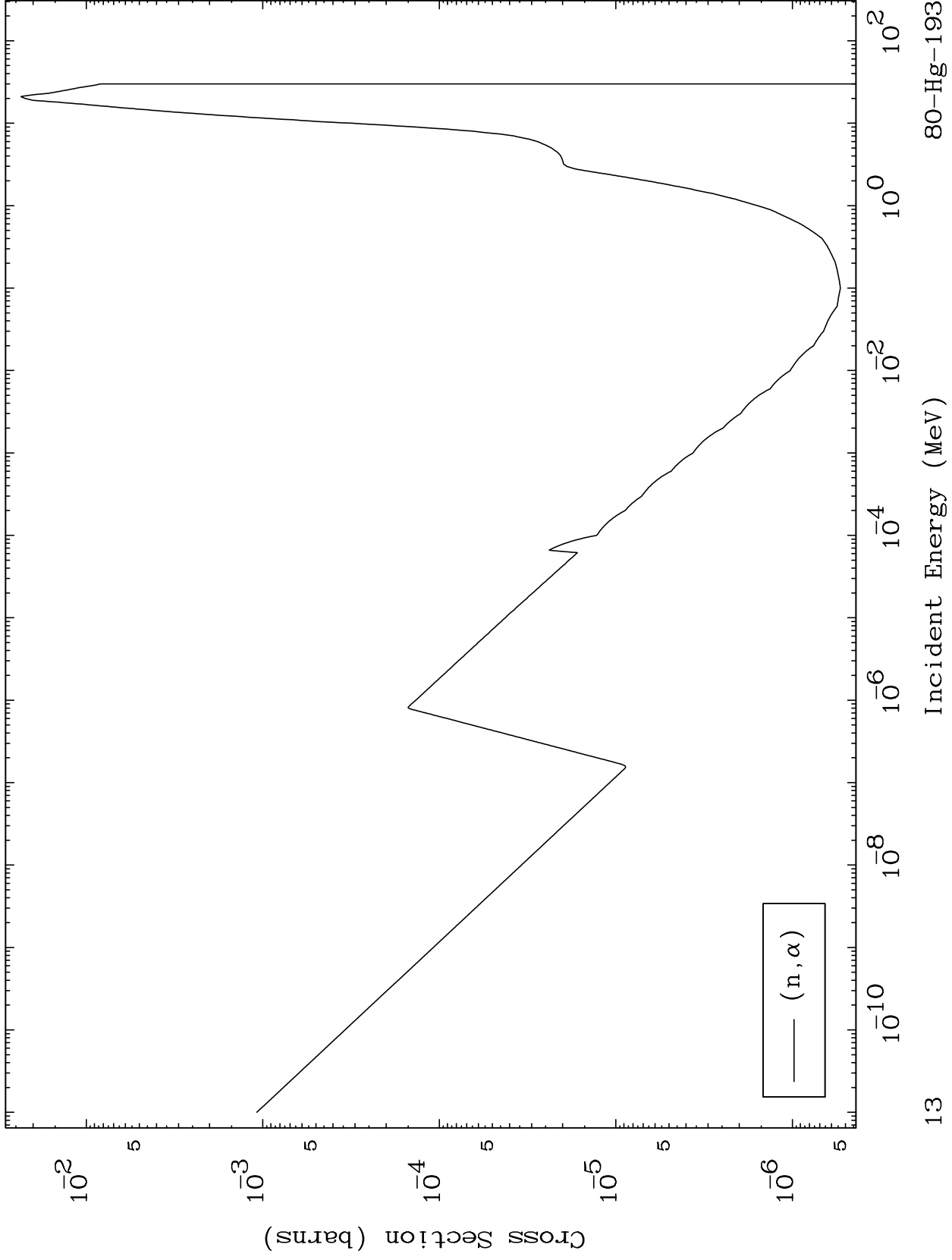
Incident Energy (MeV)

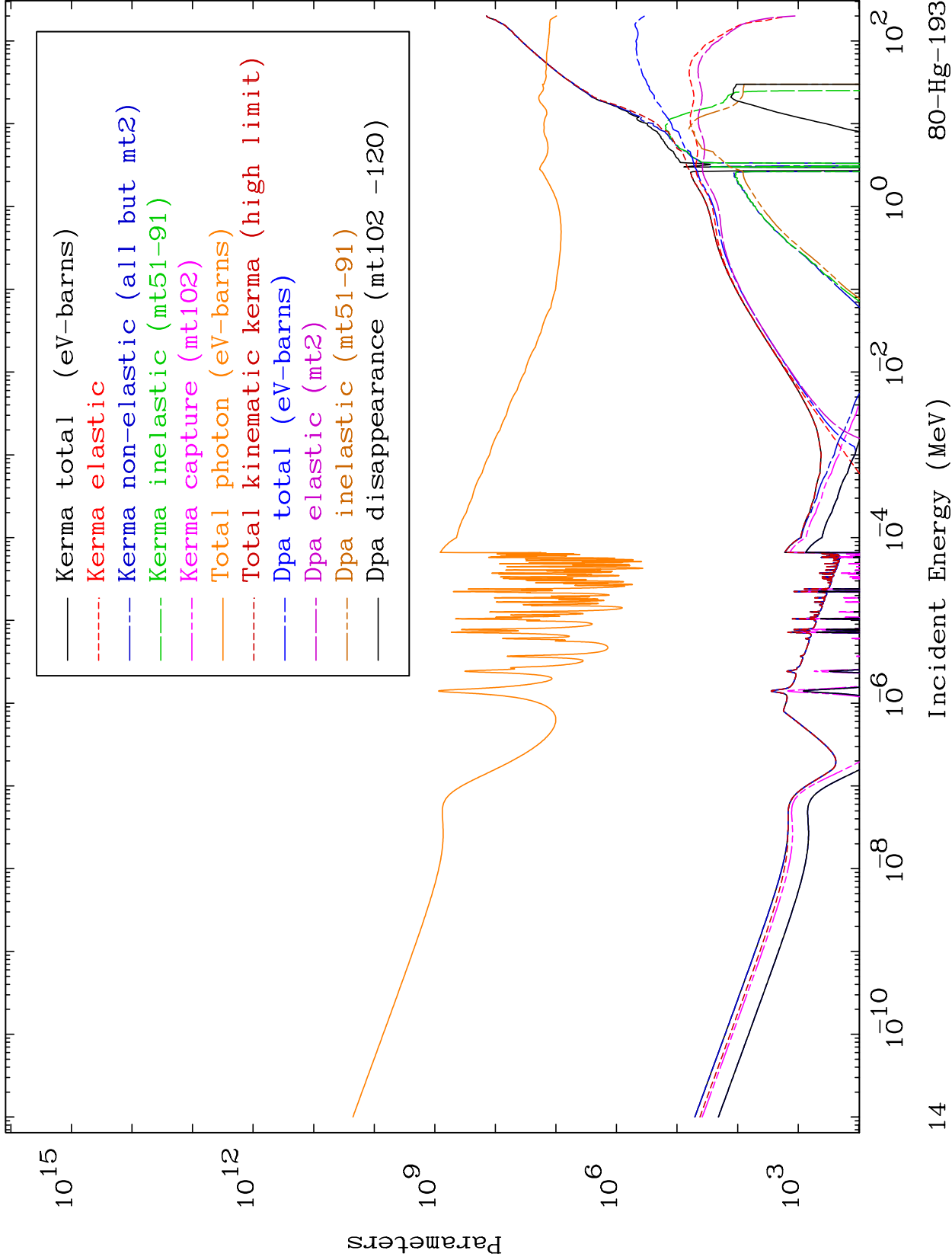
80-Hg-193

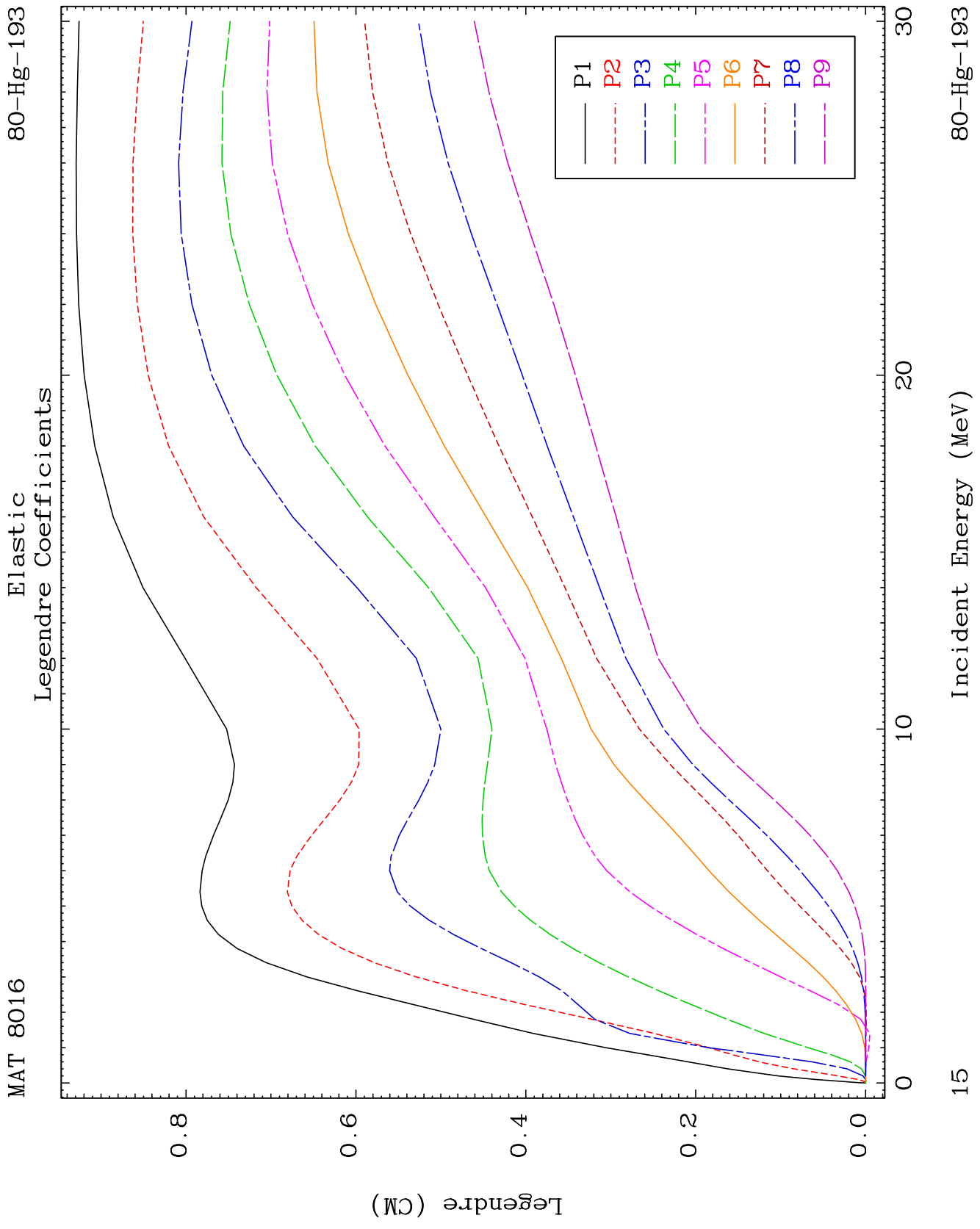
MAT 8016

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

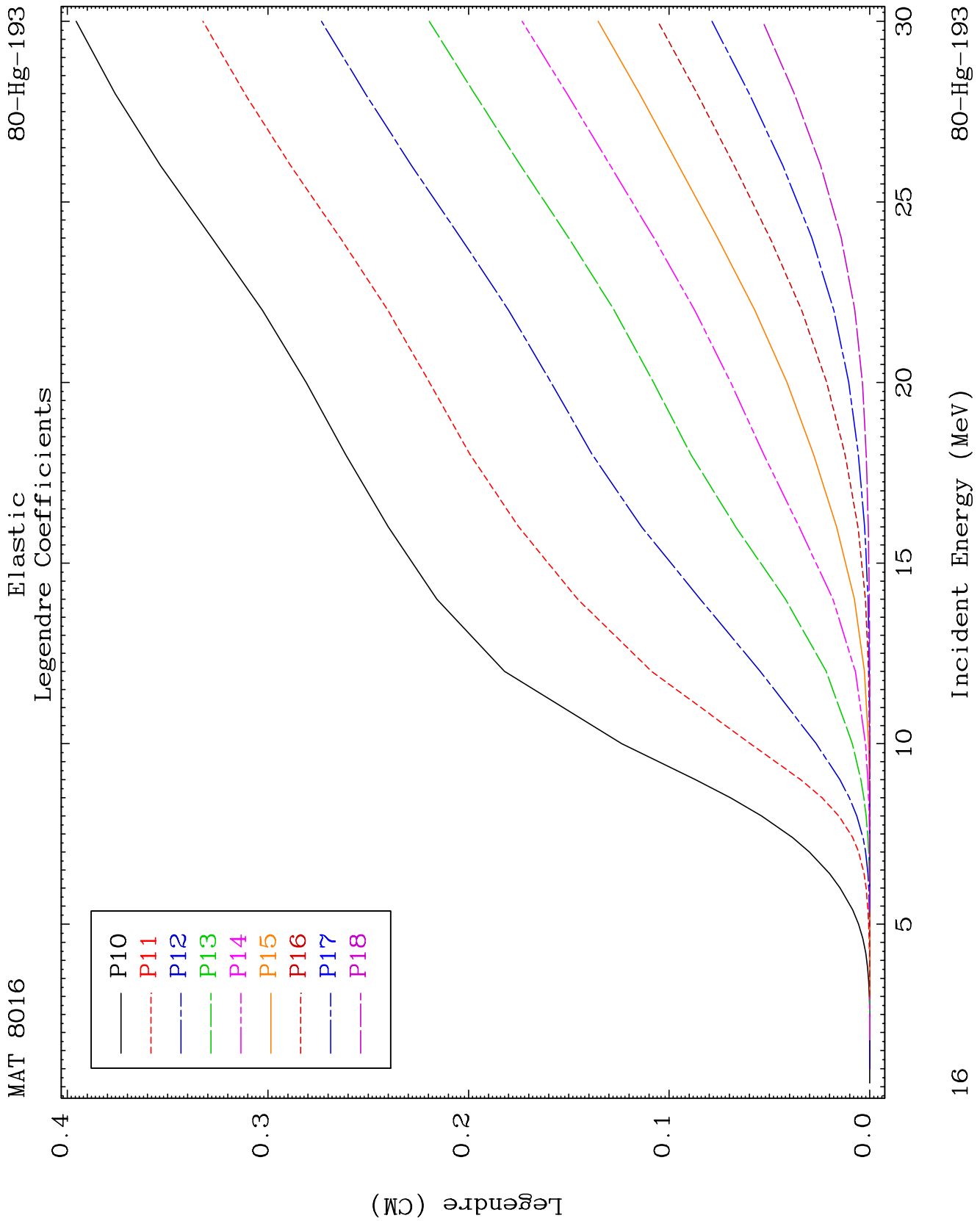
80-Hg-193







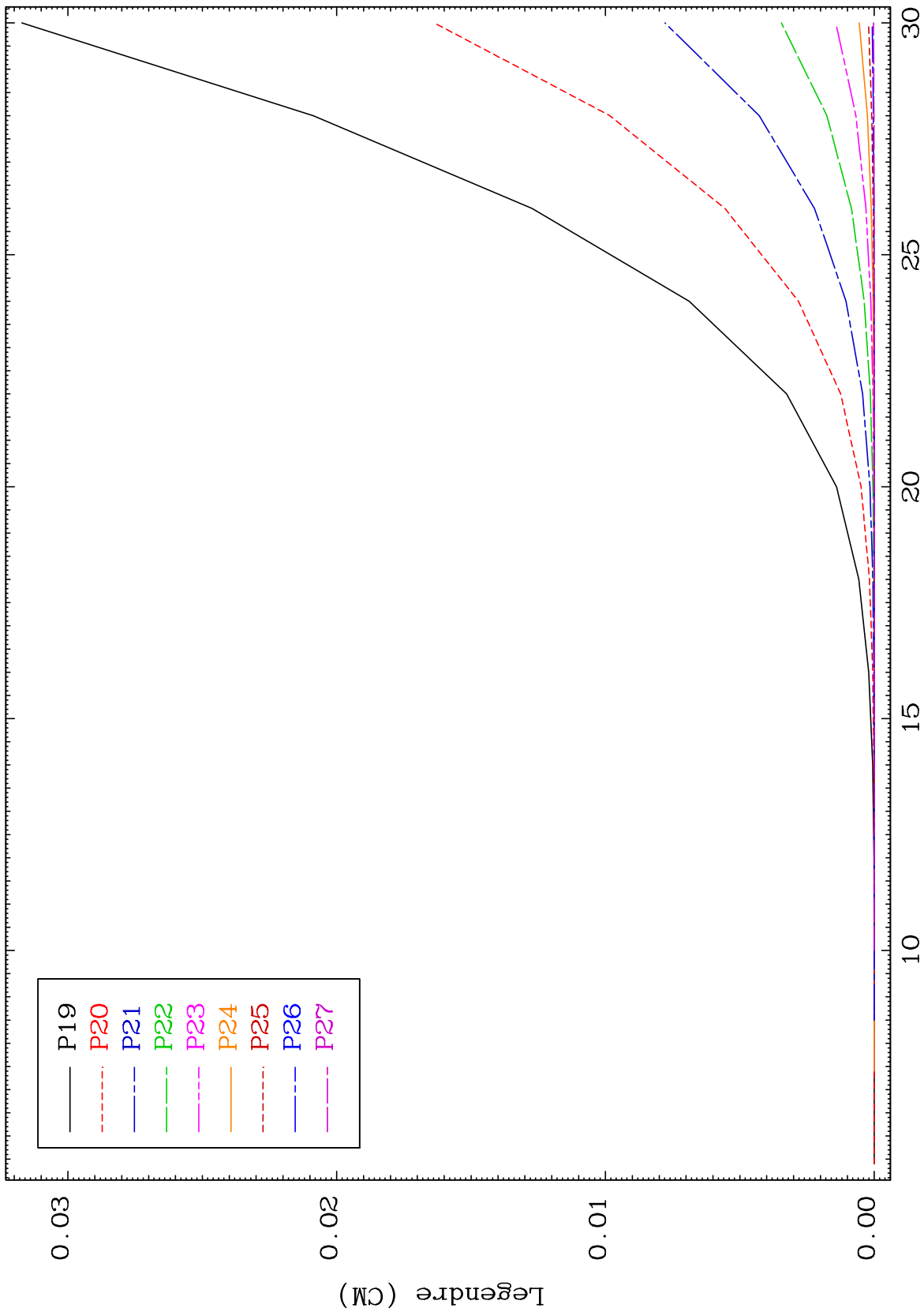




MAT 8016

Elastic Legendre Coefficients

80-Hg-193



17

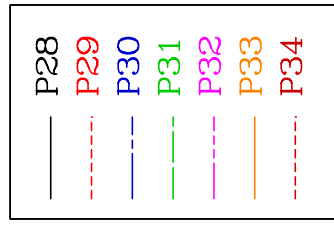
Incident Energy (MeV)

80-Hg-193

MAT 8016

Elastic Legendre Coefficients

80-Hg-193



$\times 10^{-6}$

8

Legendre (CM)

6

4

2

0

15

20

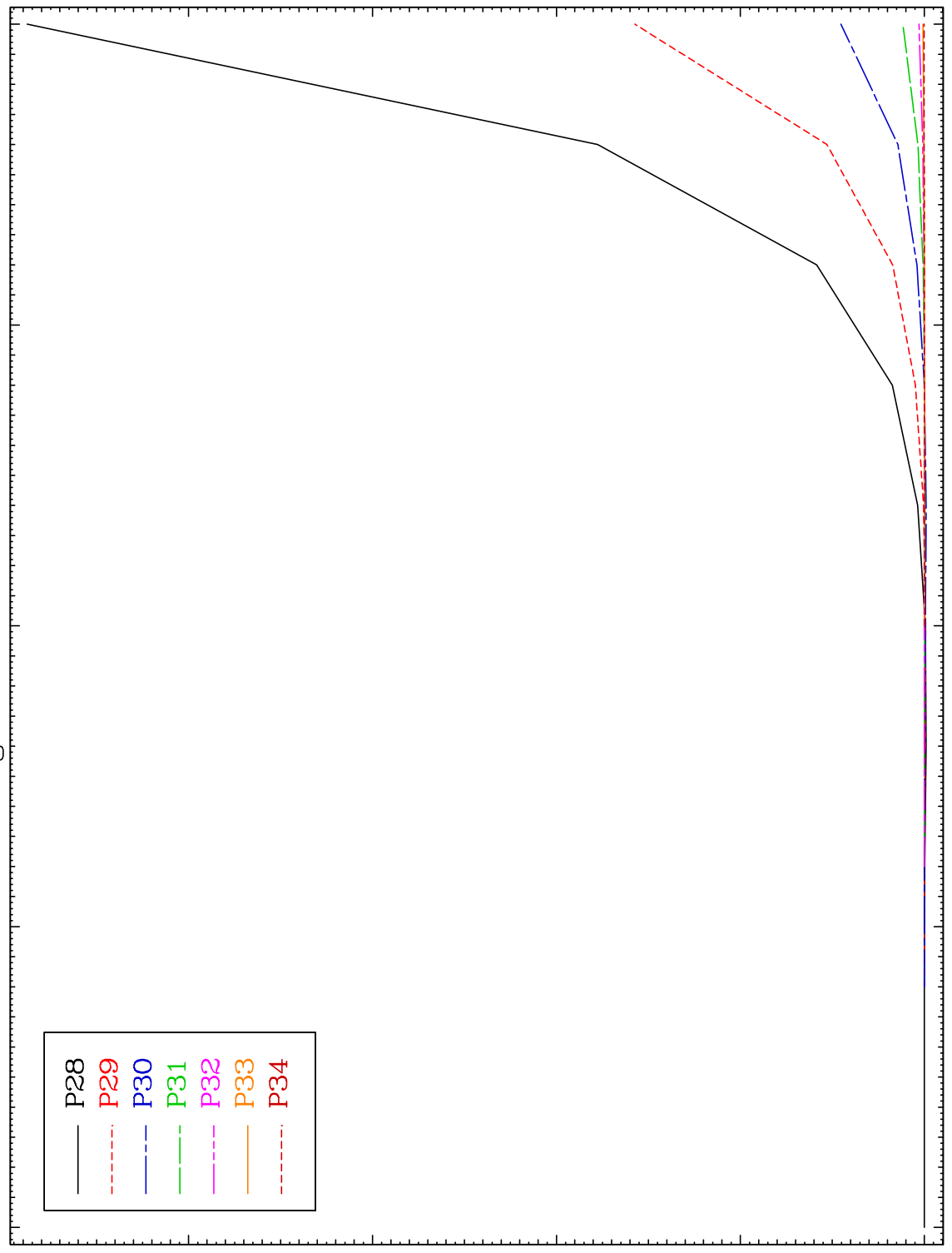
25

30

18

Incident Energy (MeV)

80-Hg-193

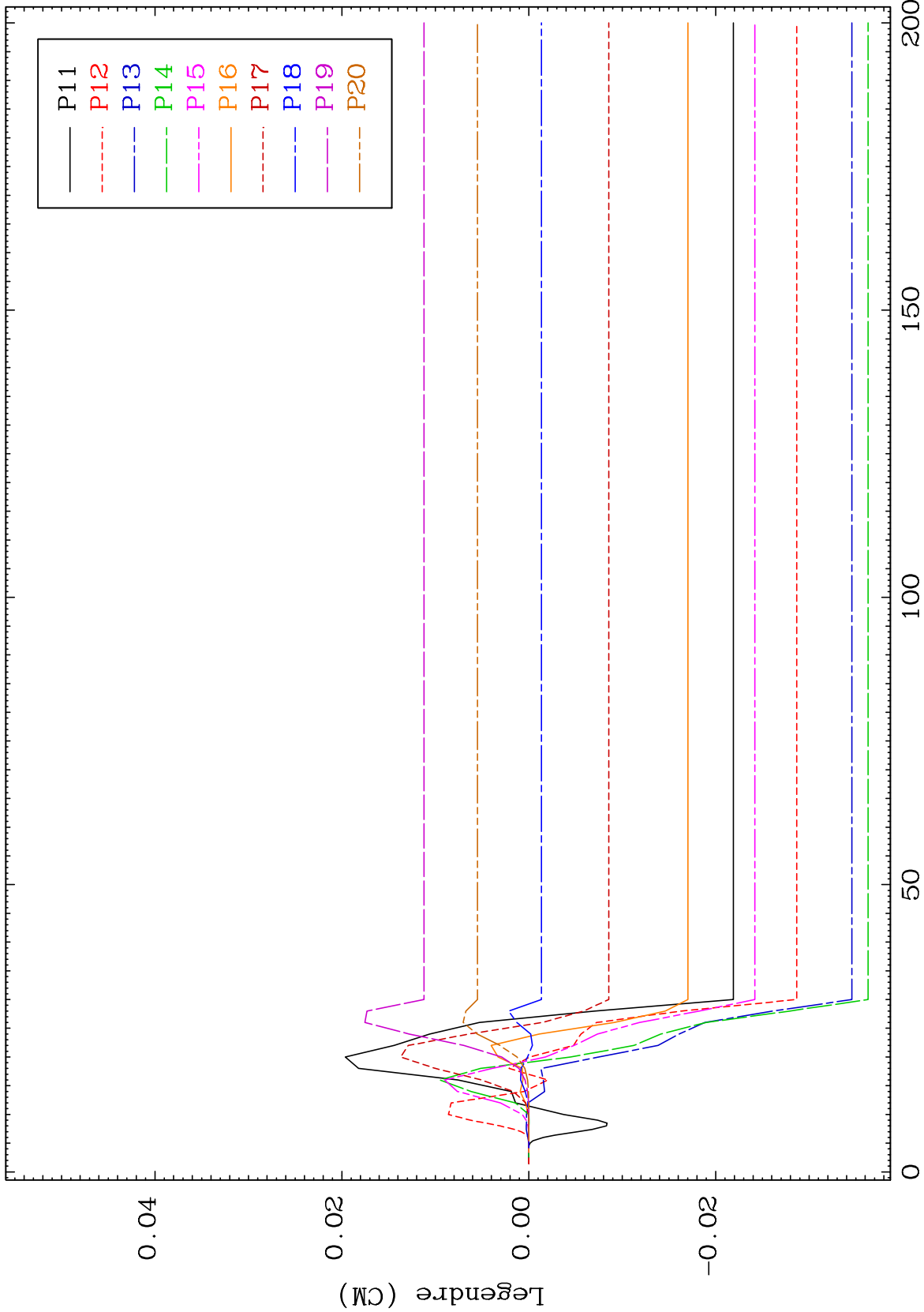




MAT 8016

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

80-Hg-193



80-Hg-193

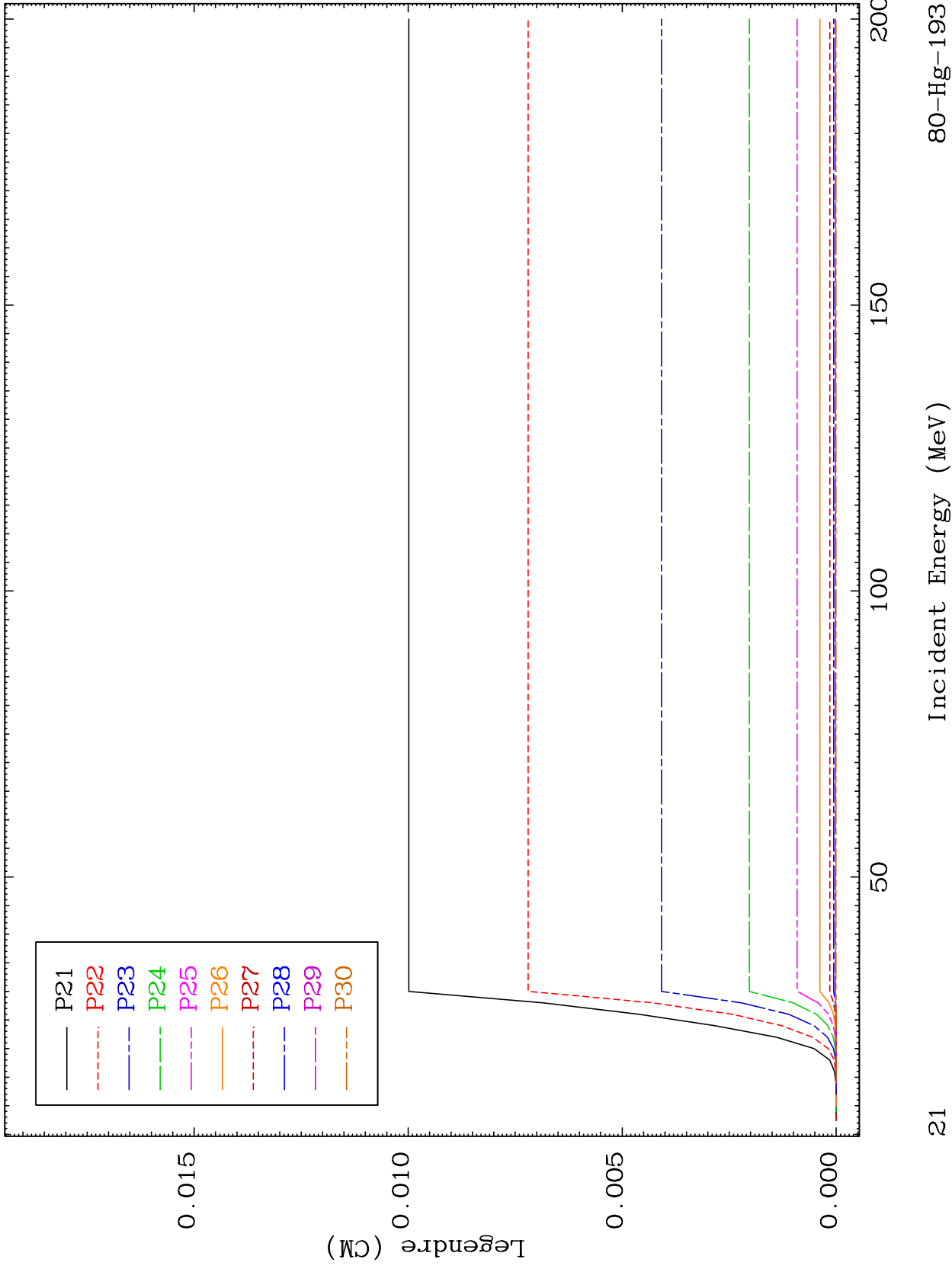
Incident Energy (MeV)

20

MAT 8016

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

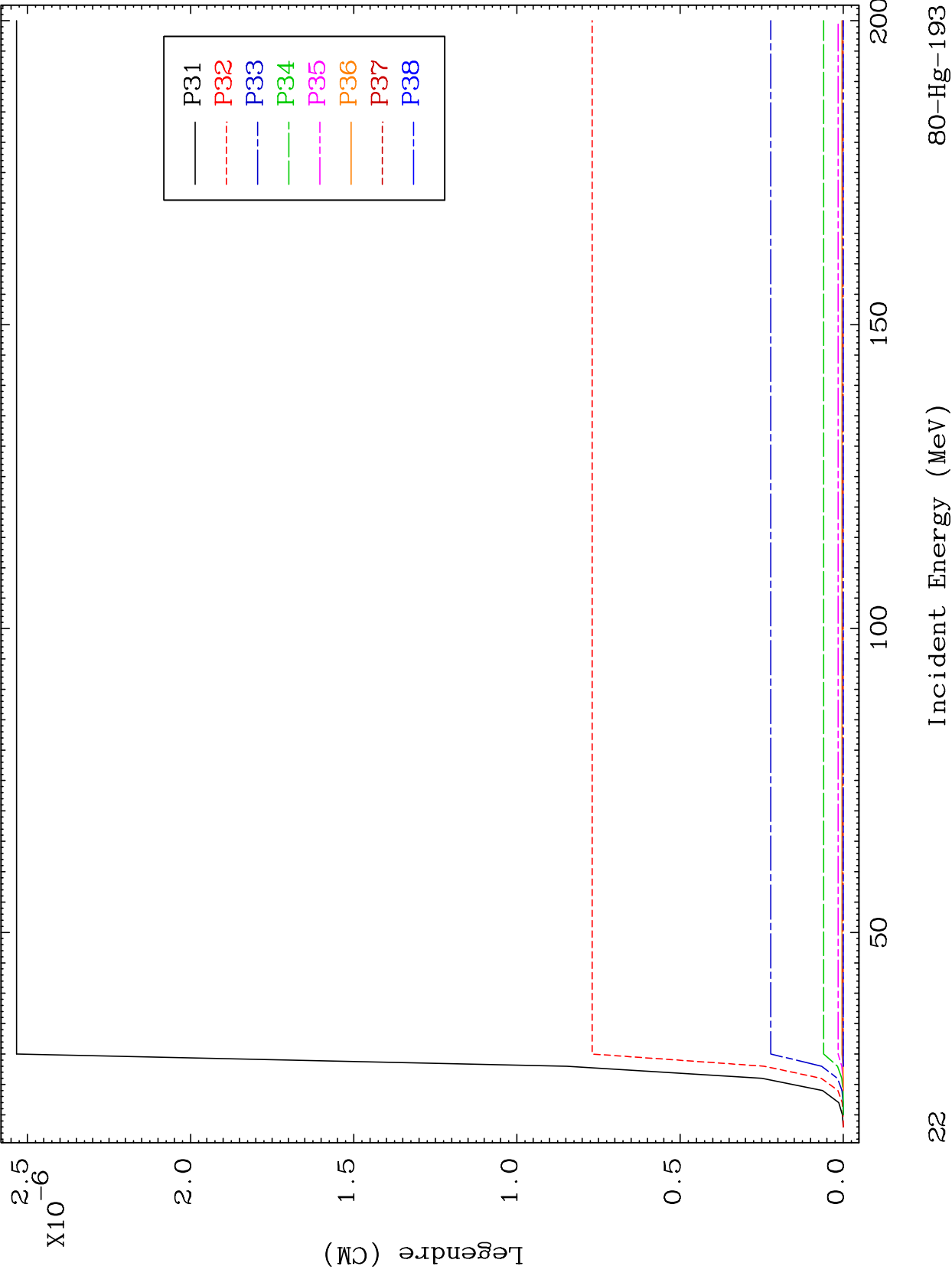
80-Hg-193



MAT 8016

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

80-Hg-193

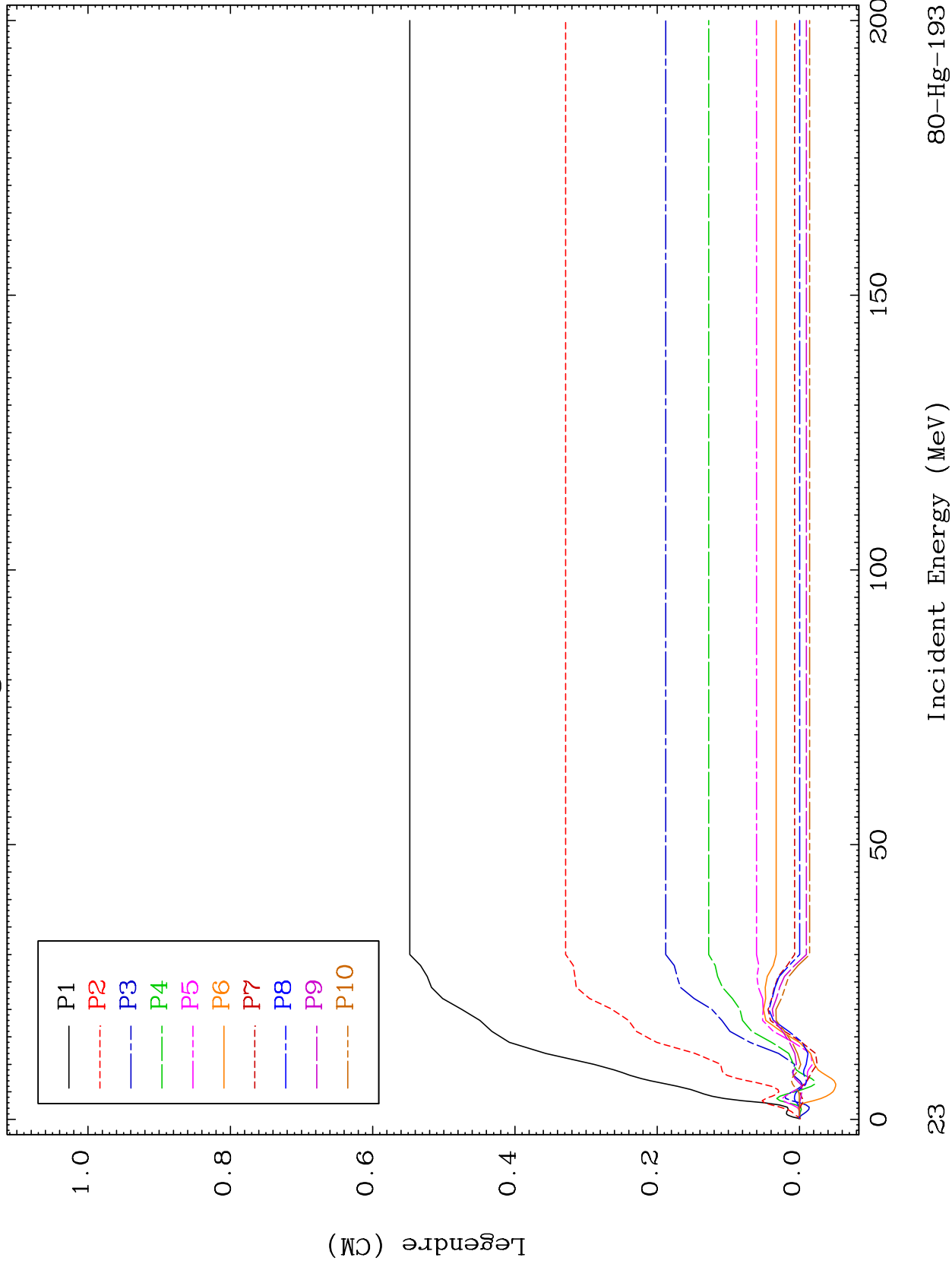


22

MAT 8016

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

80-Hg-193



23

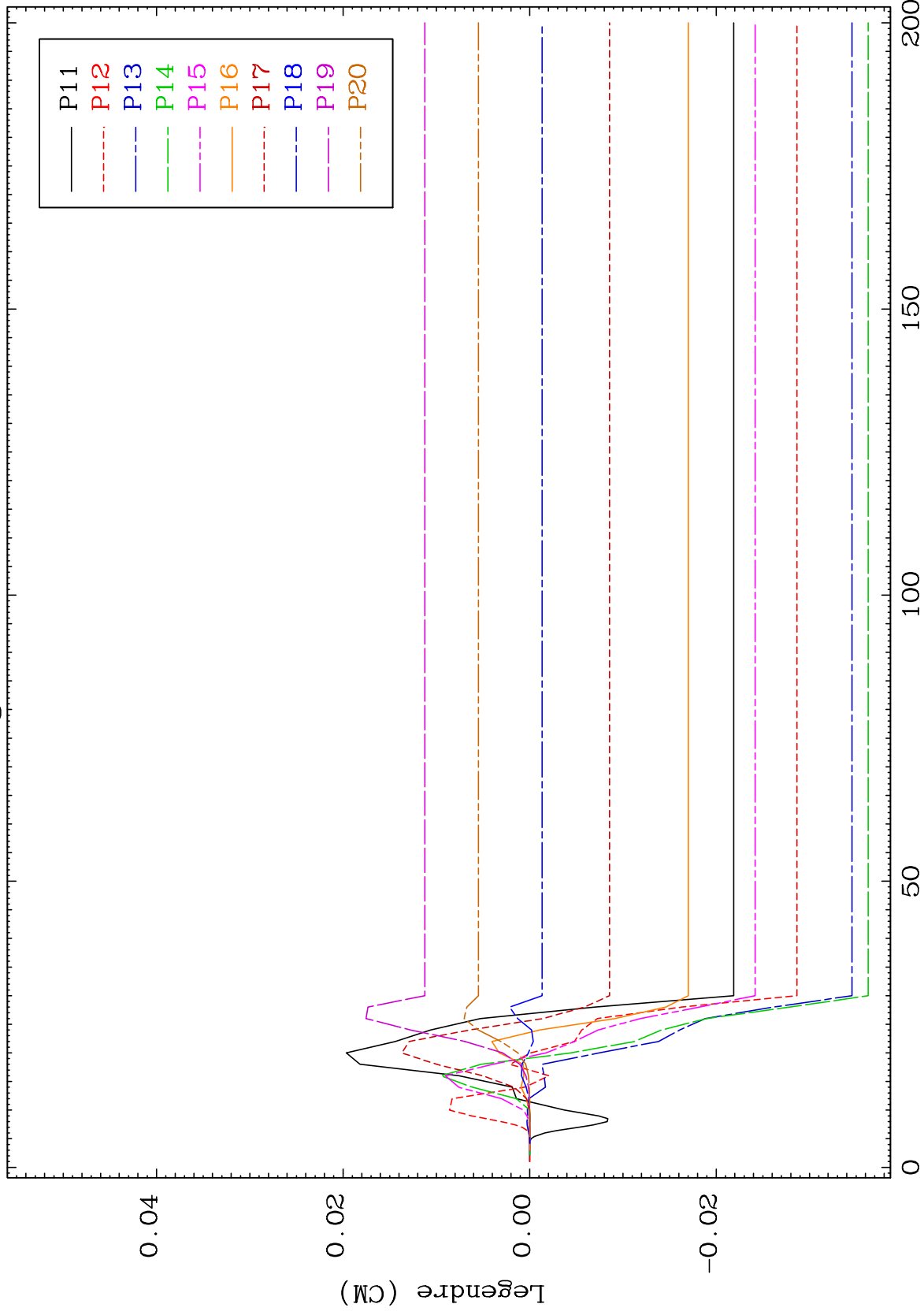
80-Hg-193



MAT 8016

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

80-Hg-193



24

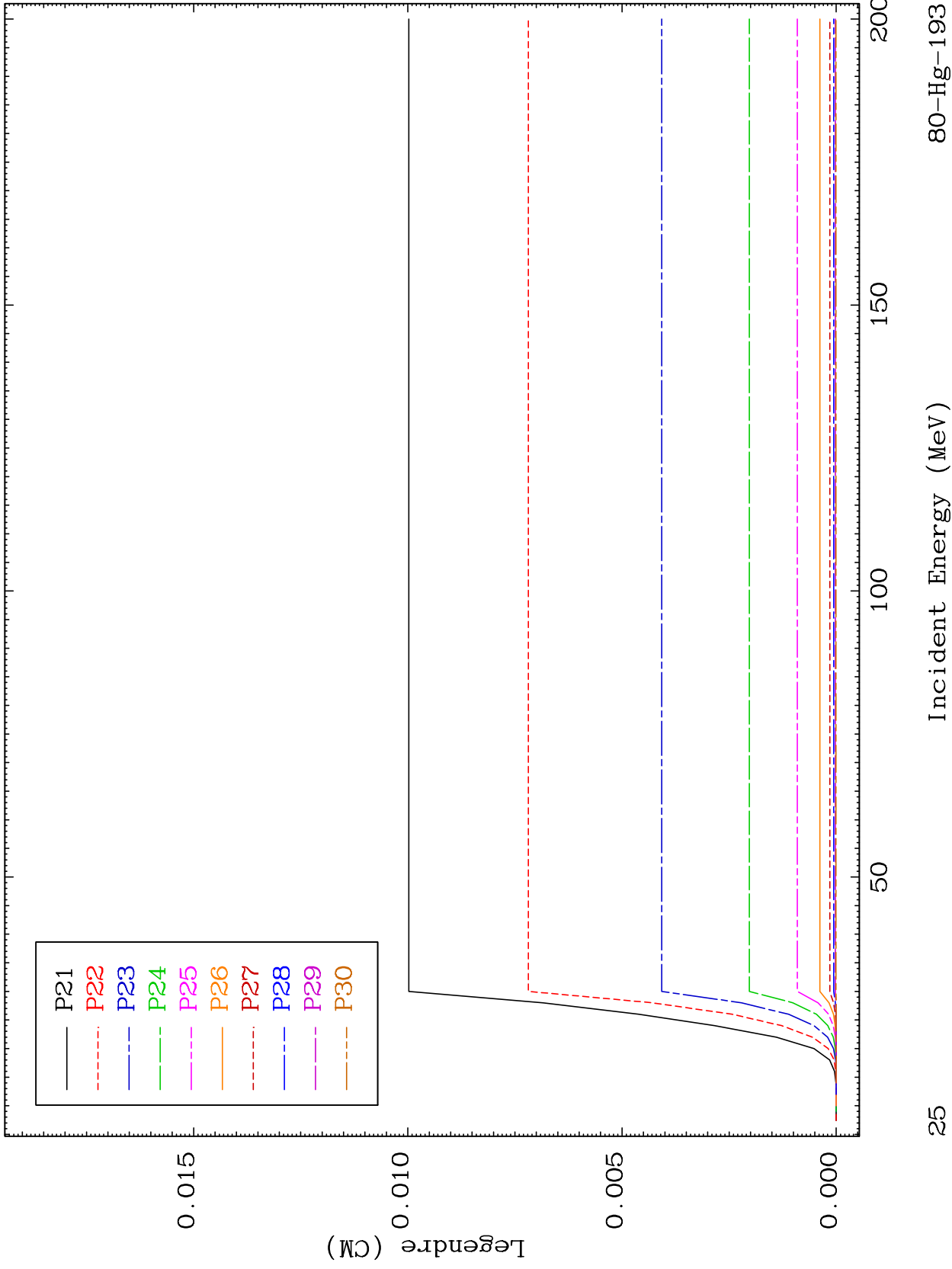
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



25

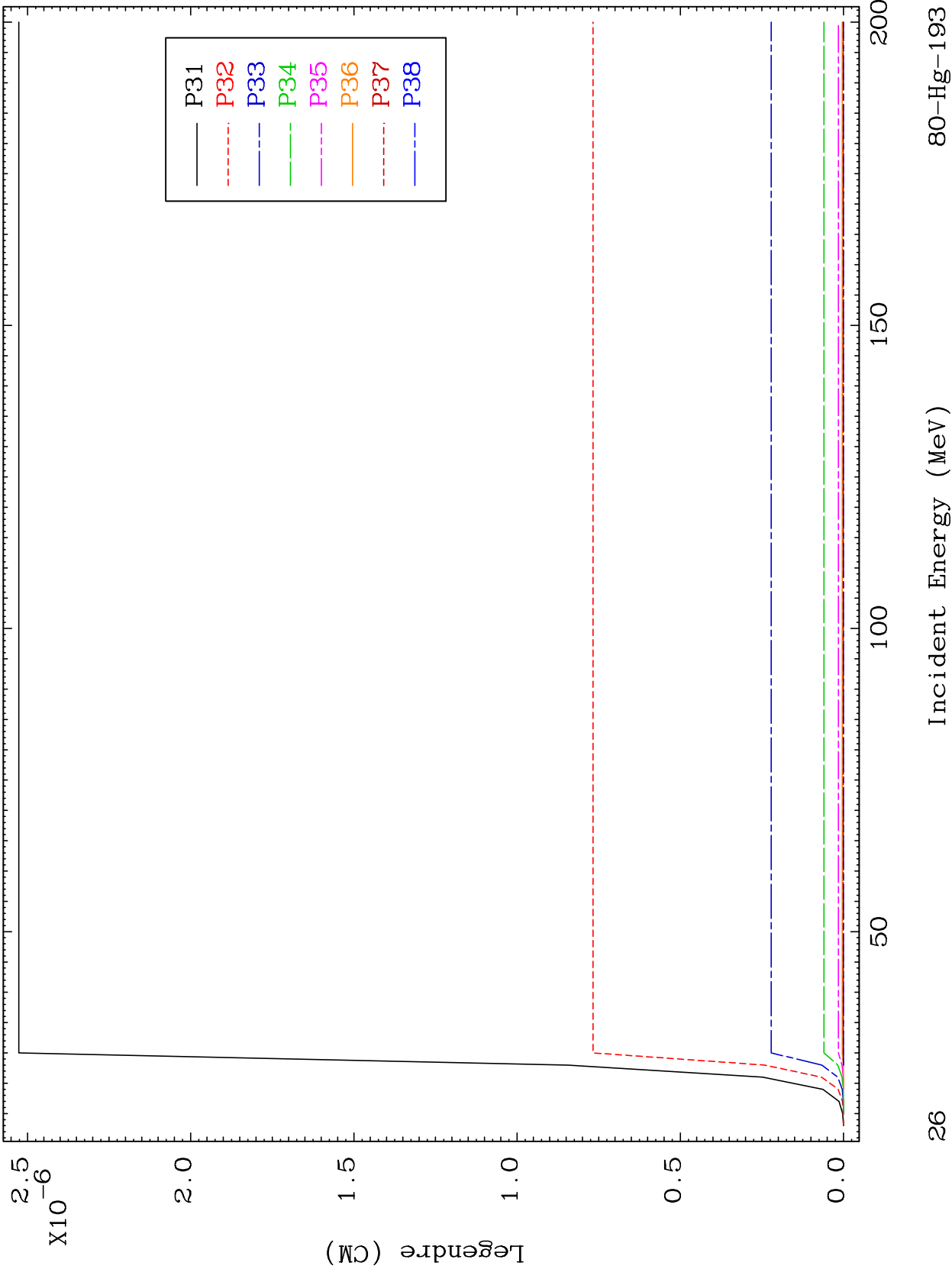
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



26

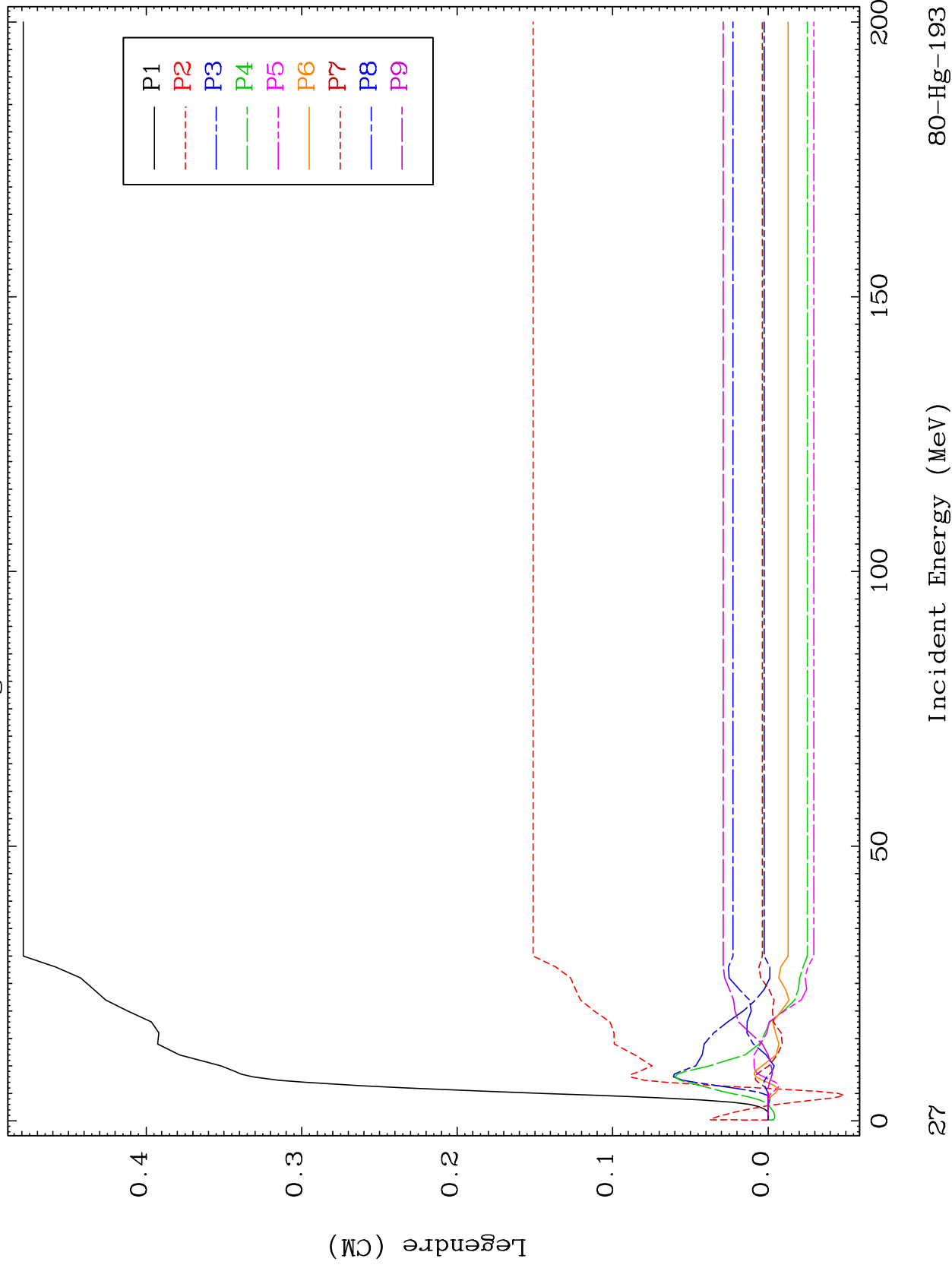
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



80-Hg-193

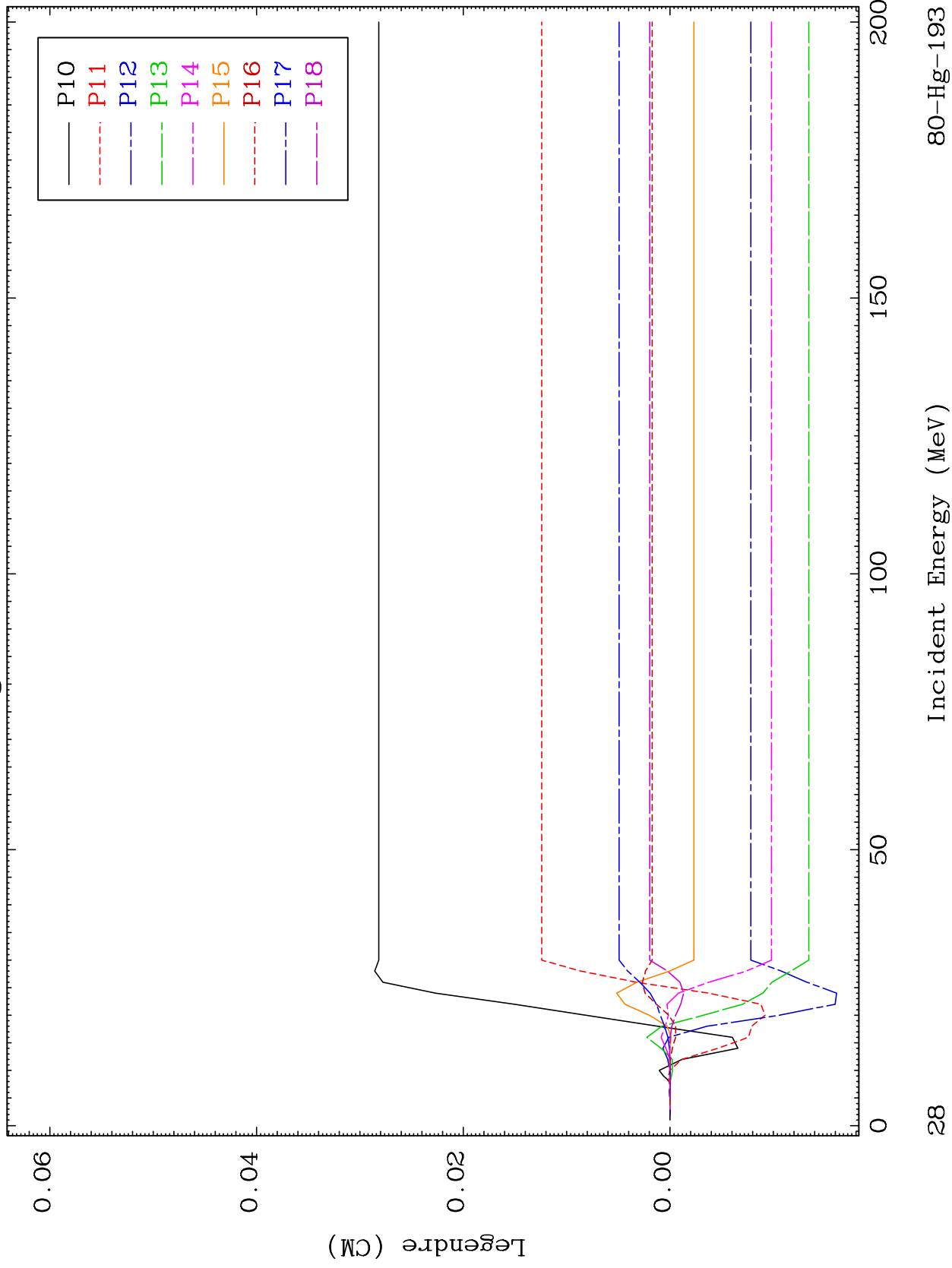
Incident Energy (MeV)

27

MAT 8016

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

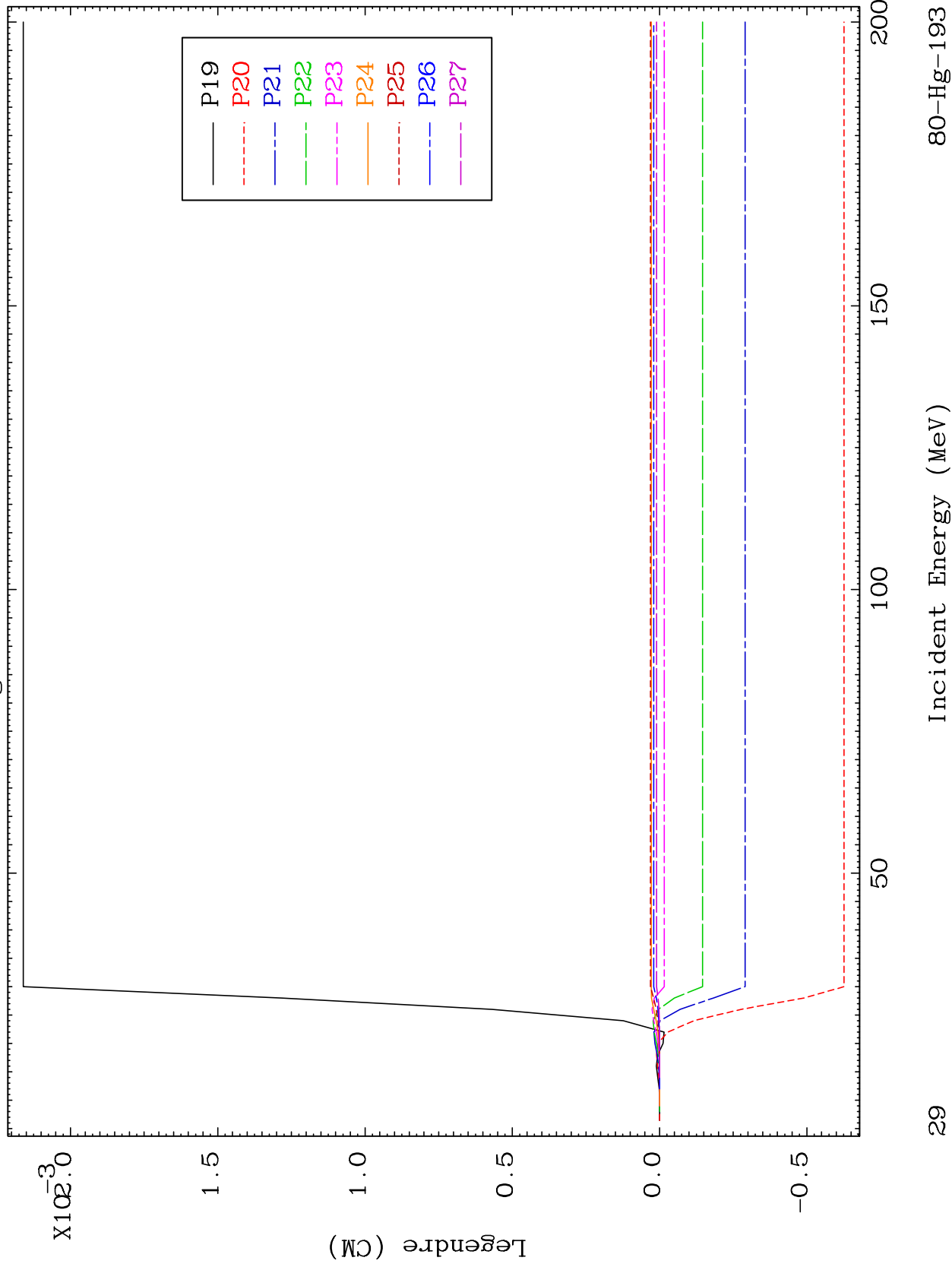
80-Hg-193



80-Hg-193

Incident Energy (MeV)

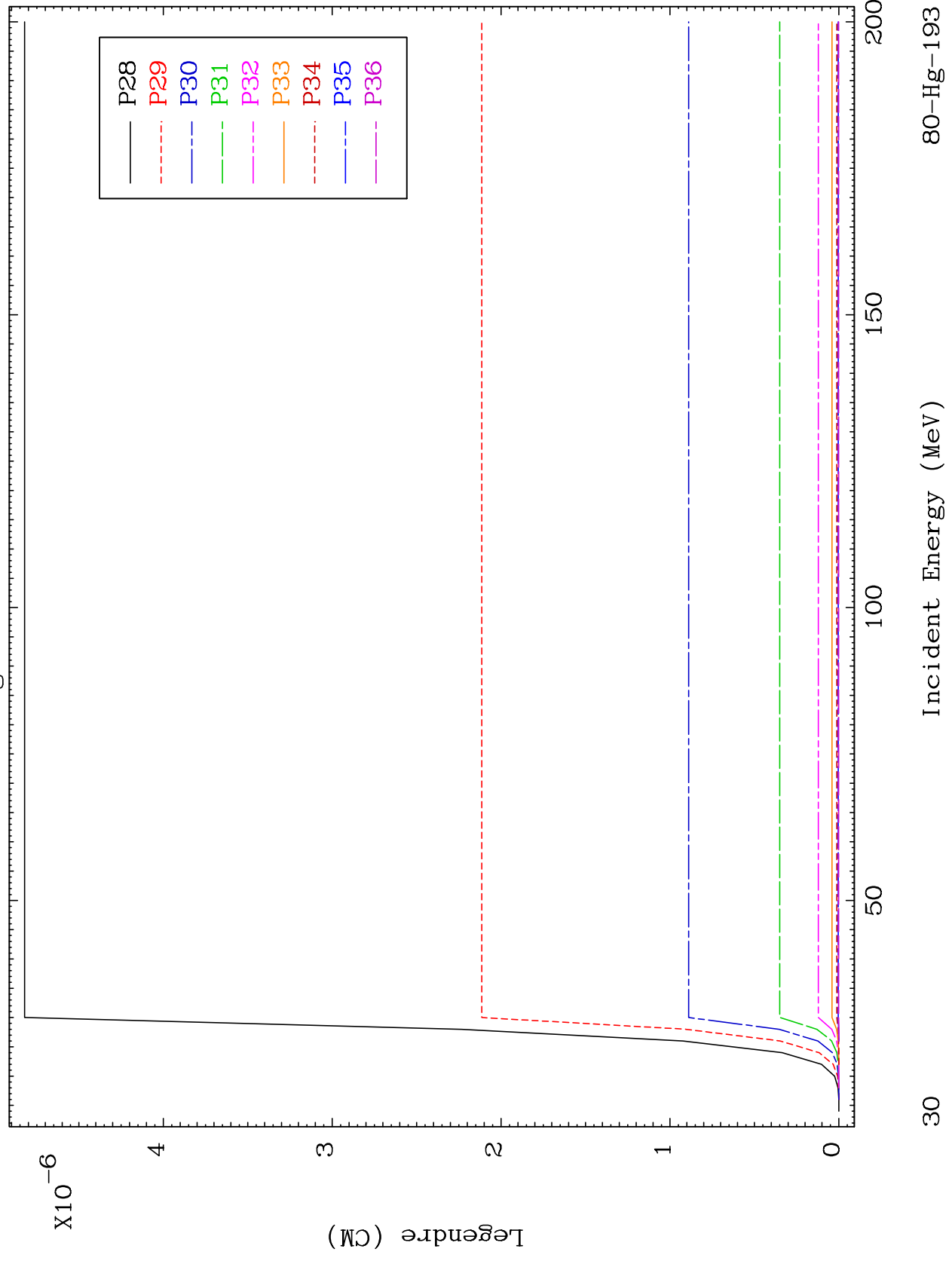
28

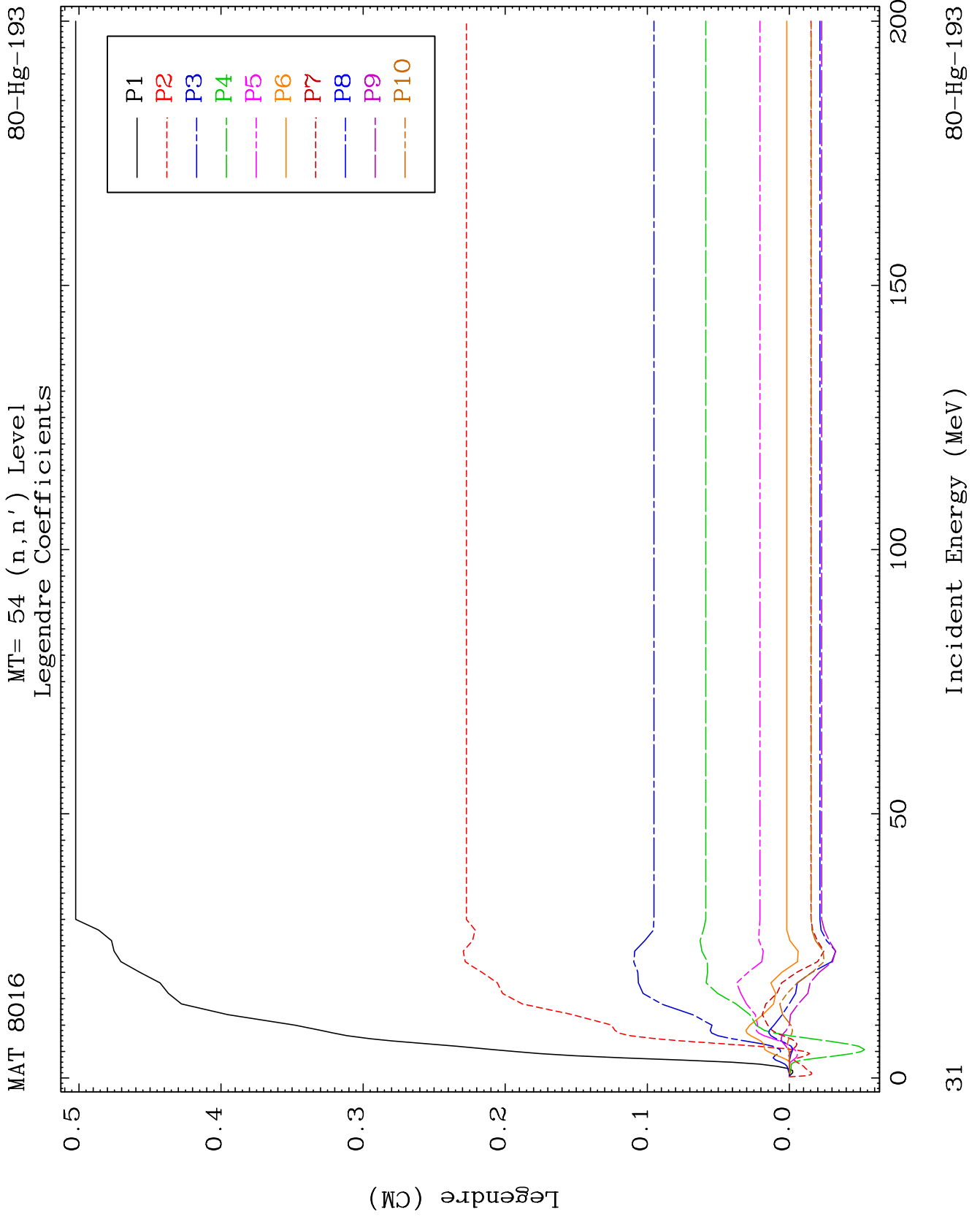


MAT 8016

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

80-Hg-193



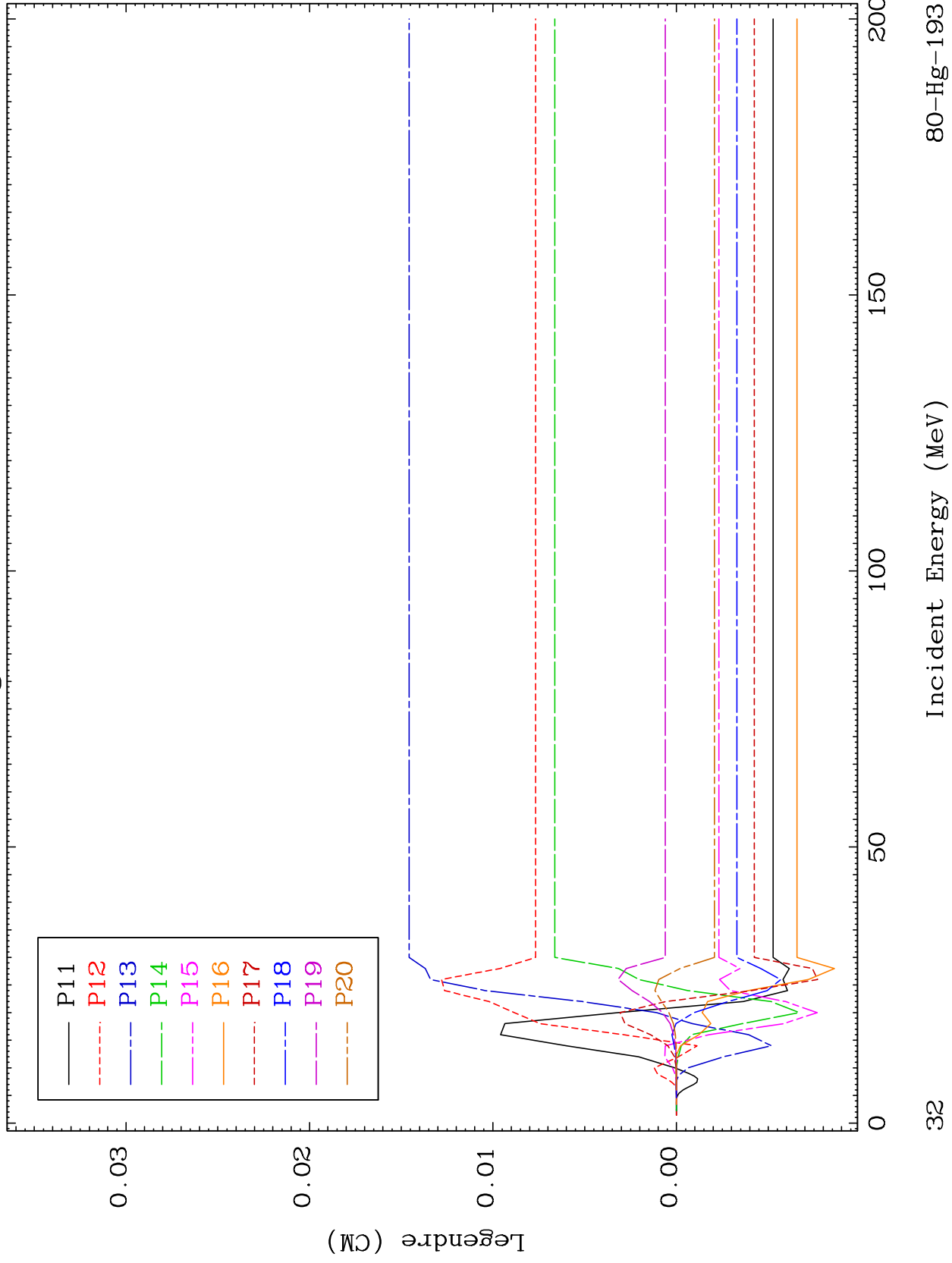




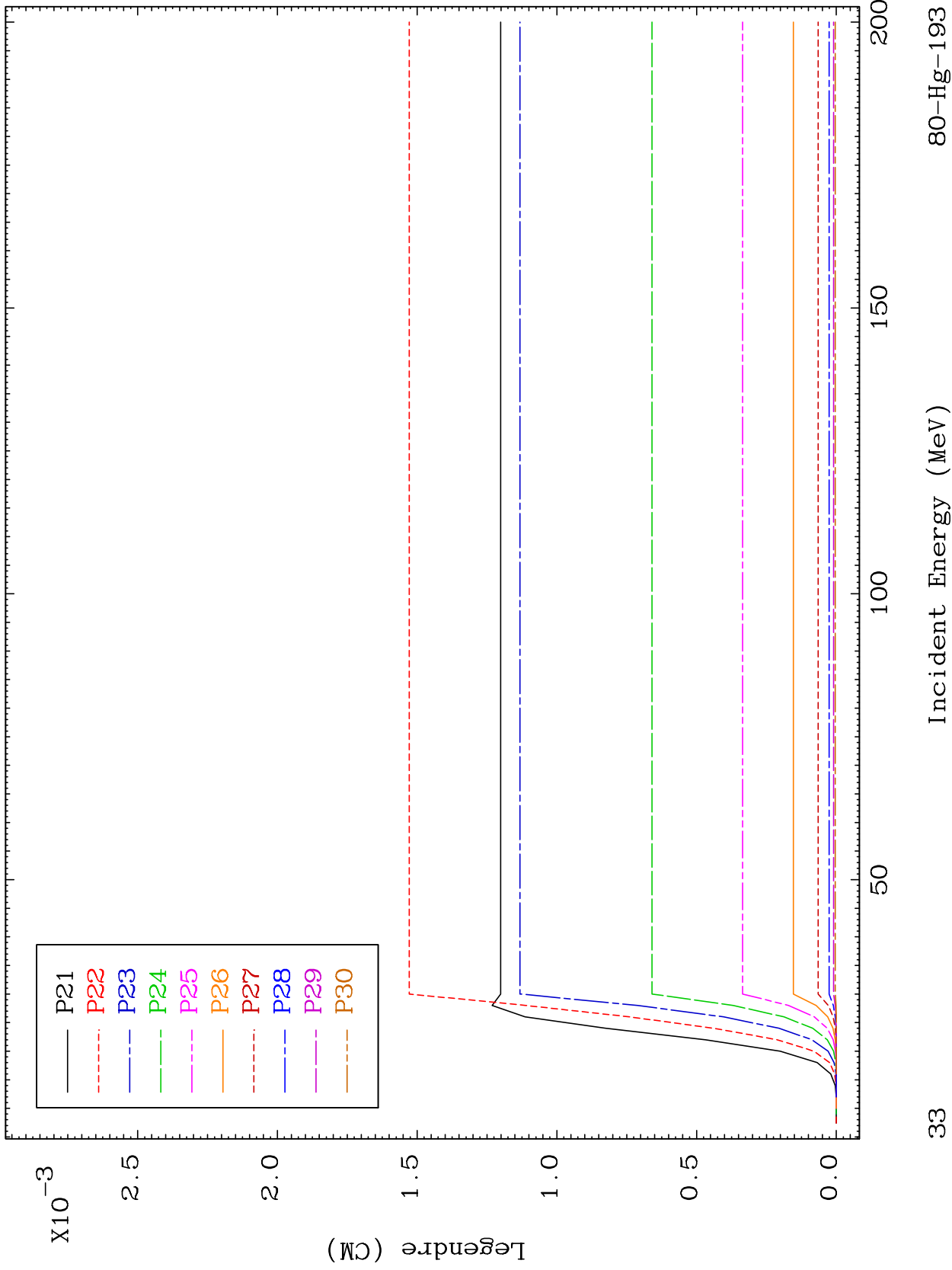
MAT 8016

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

80-Hg-193



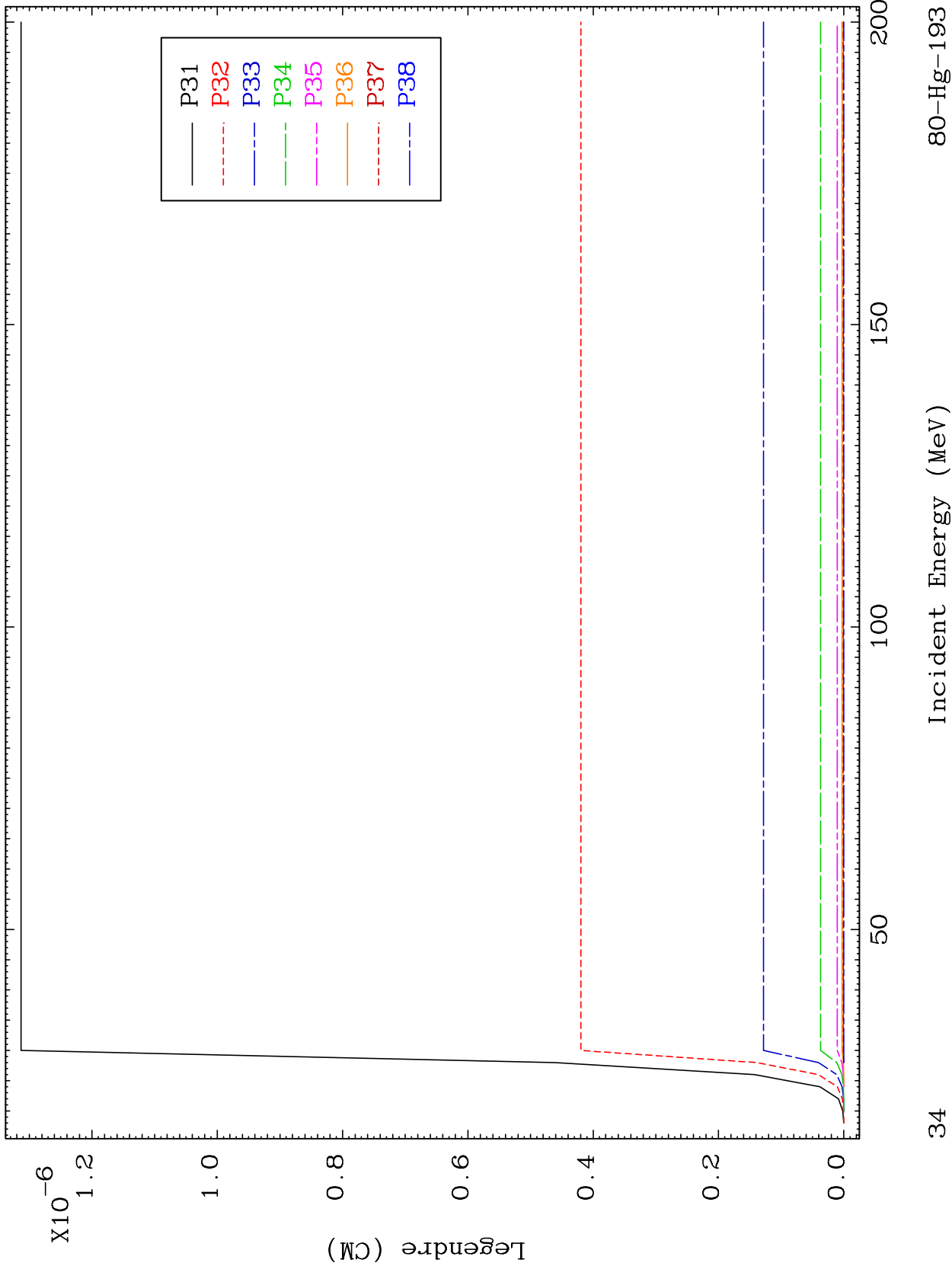
32

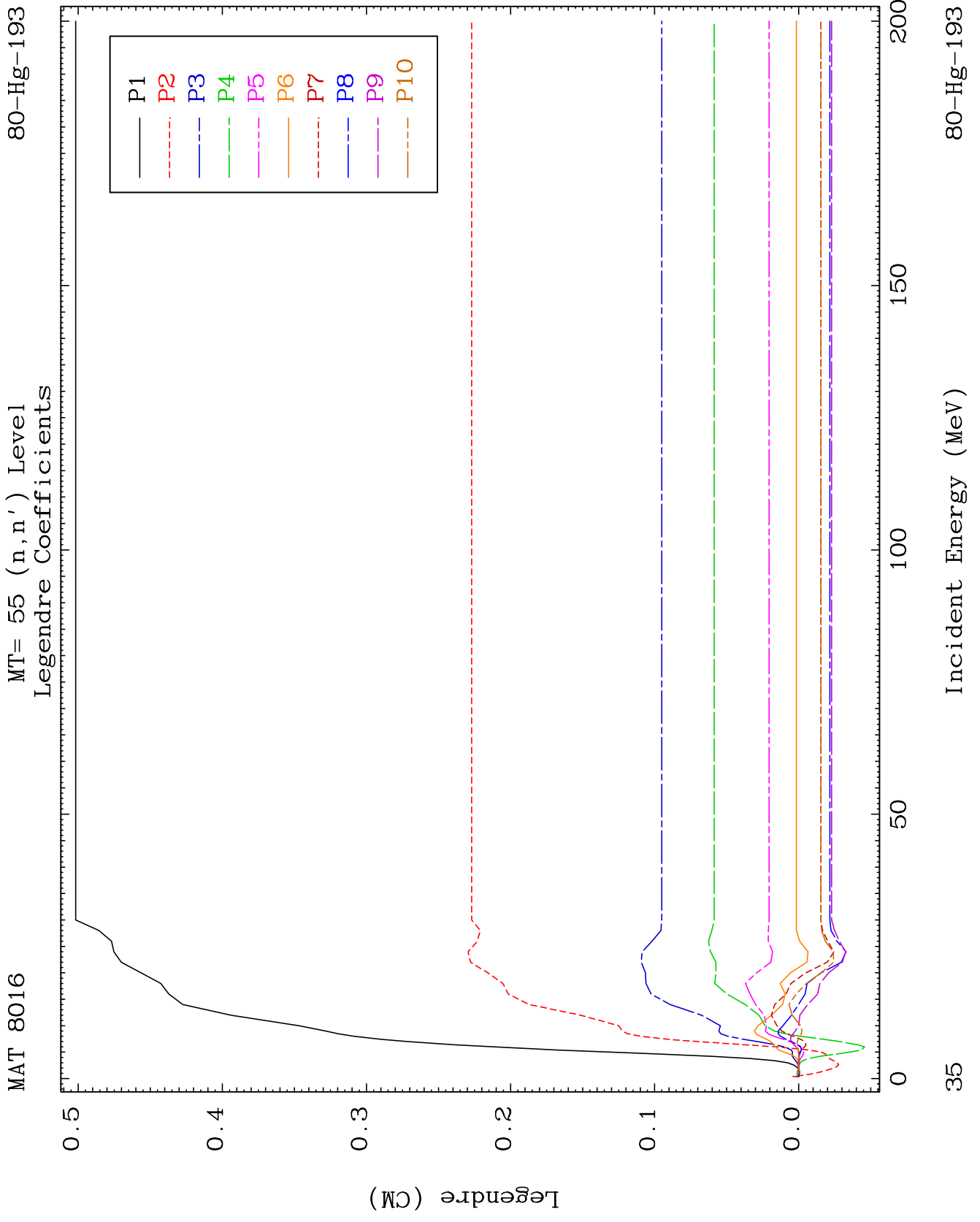


MAT 8016

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

80-Hg-193

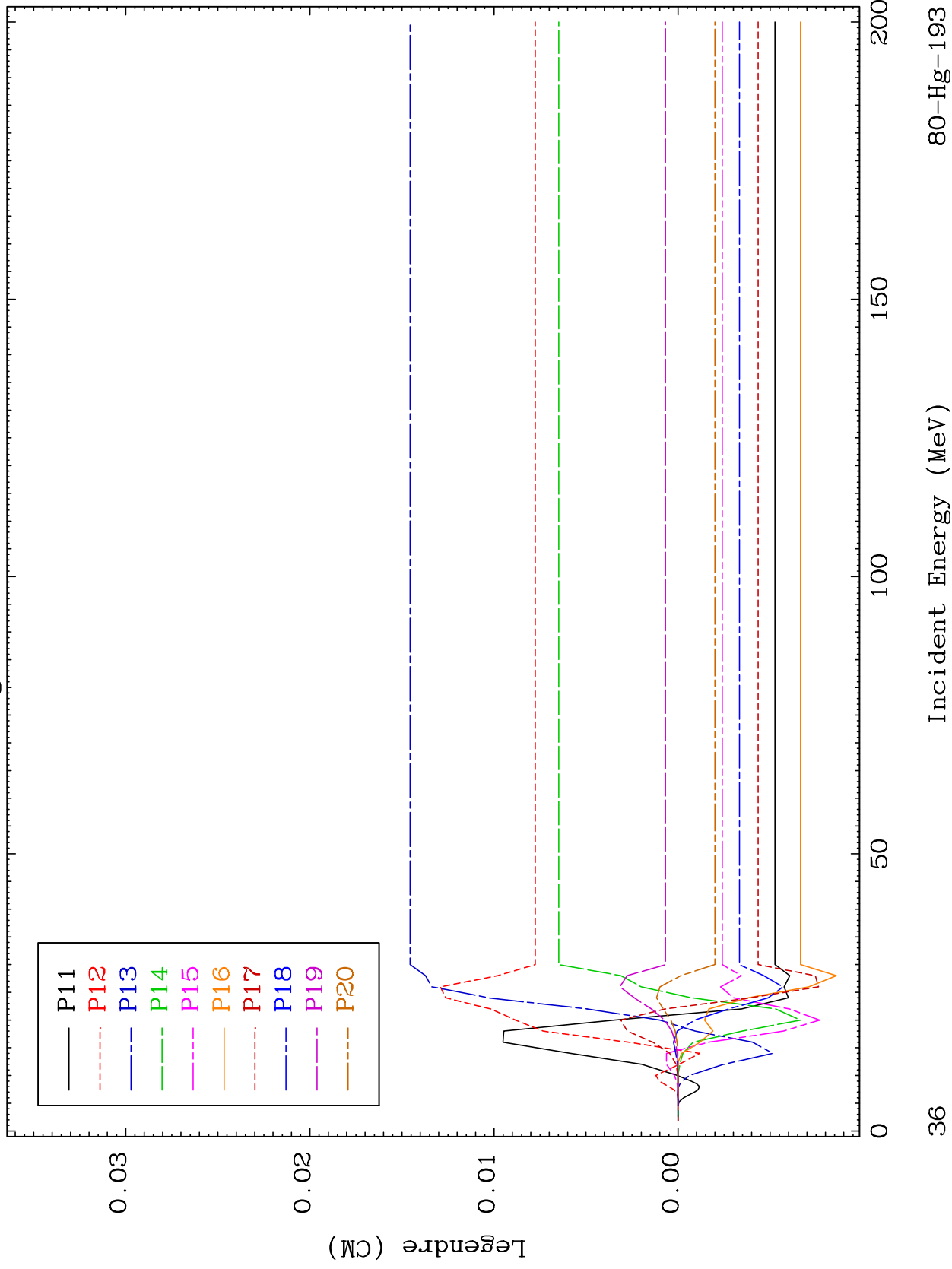




MAT 8016

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

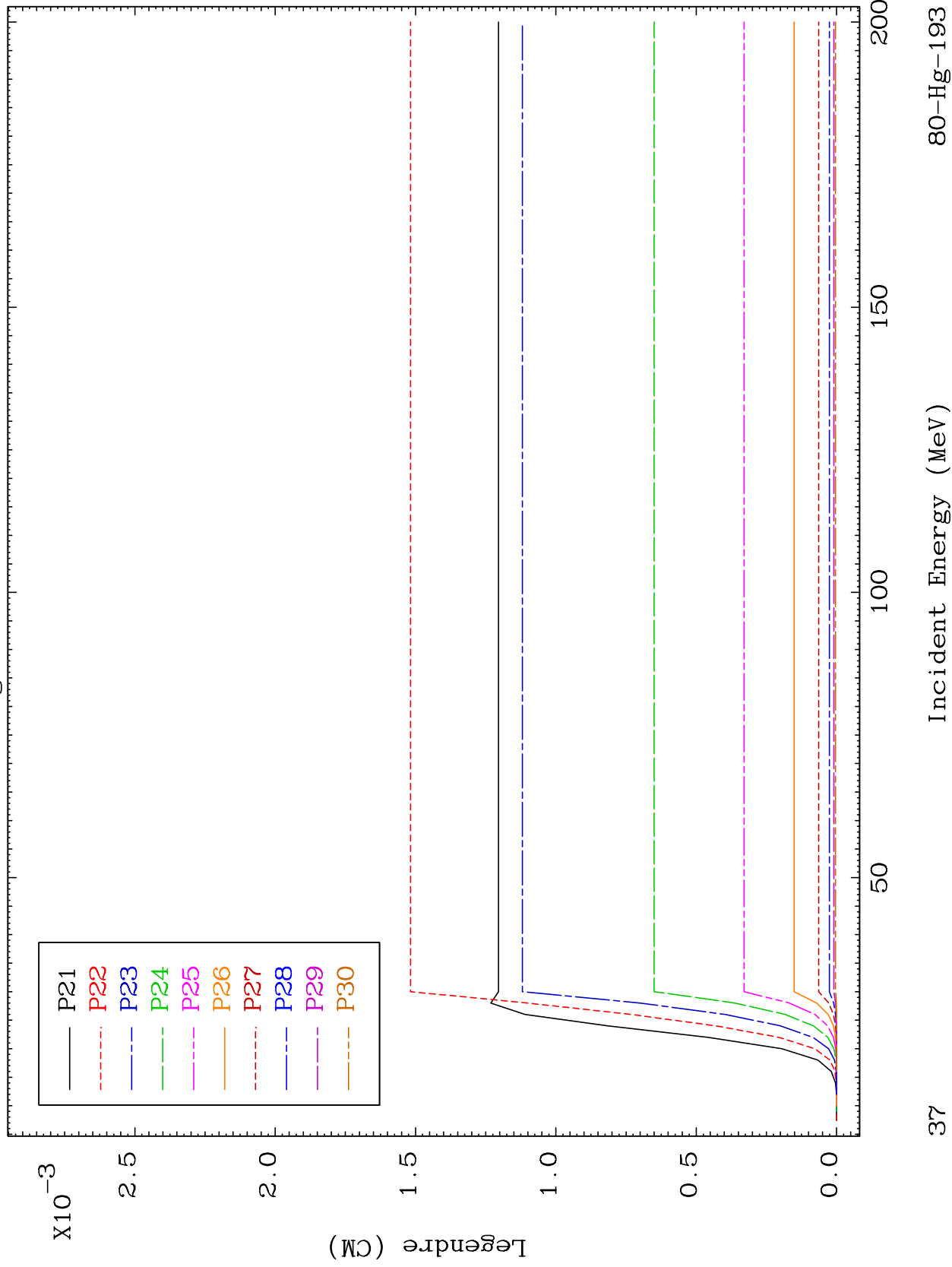
80-Hg-193



36

Incident Energy (MeV)

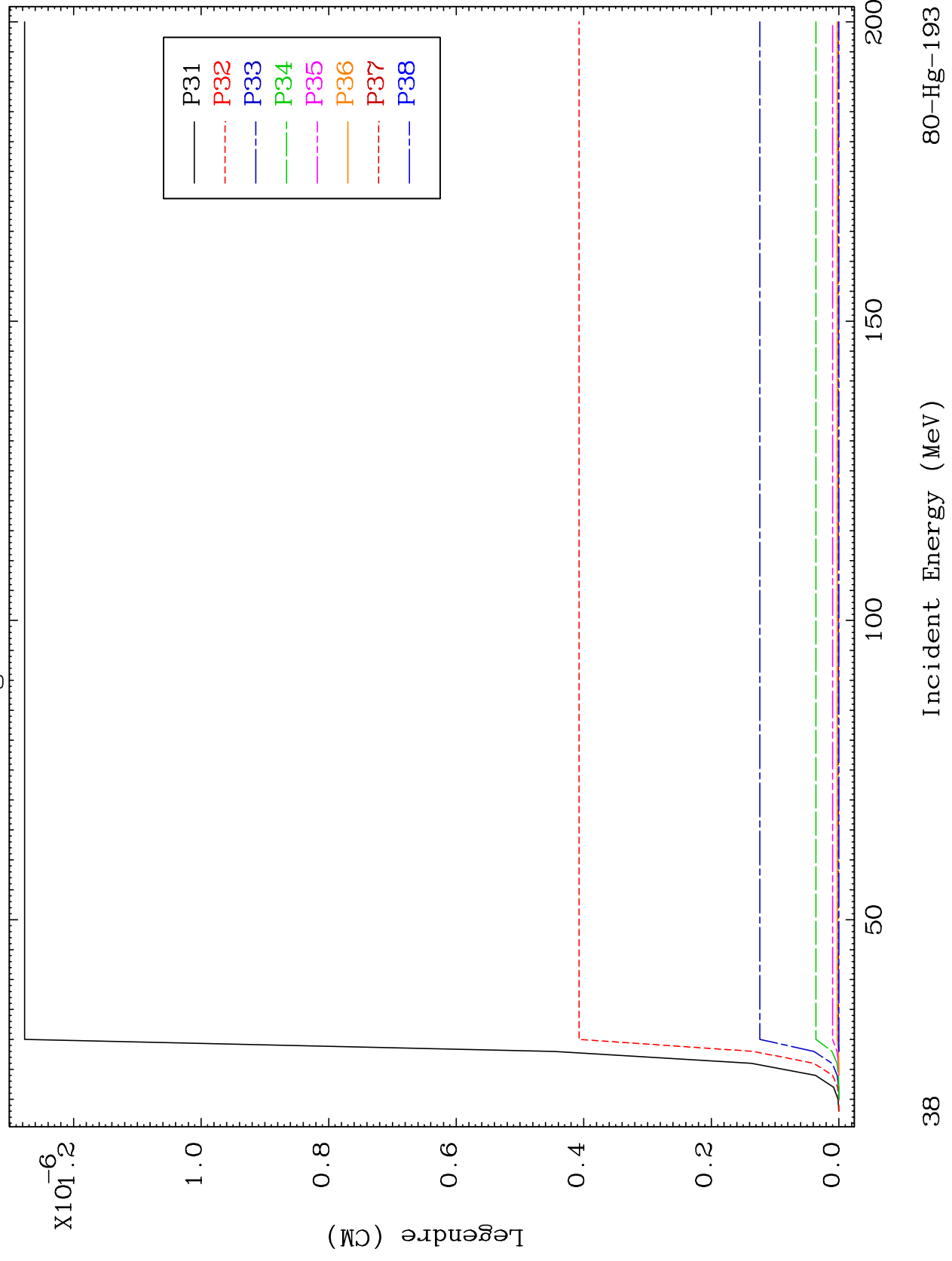
80-Hg-193



MAT 8016

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

80-Hg-193



38

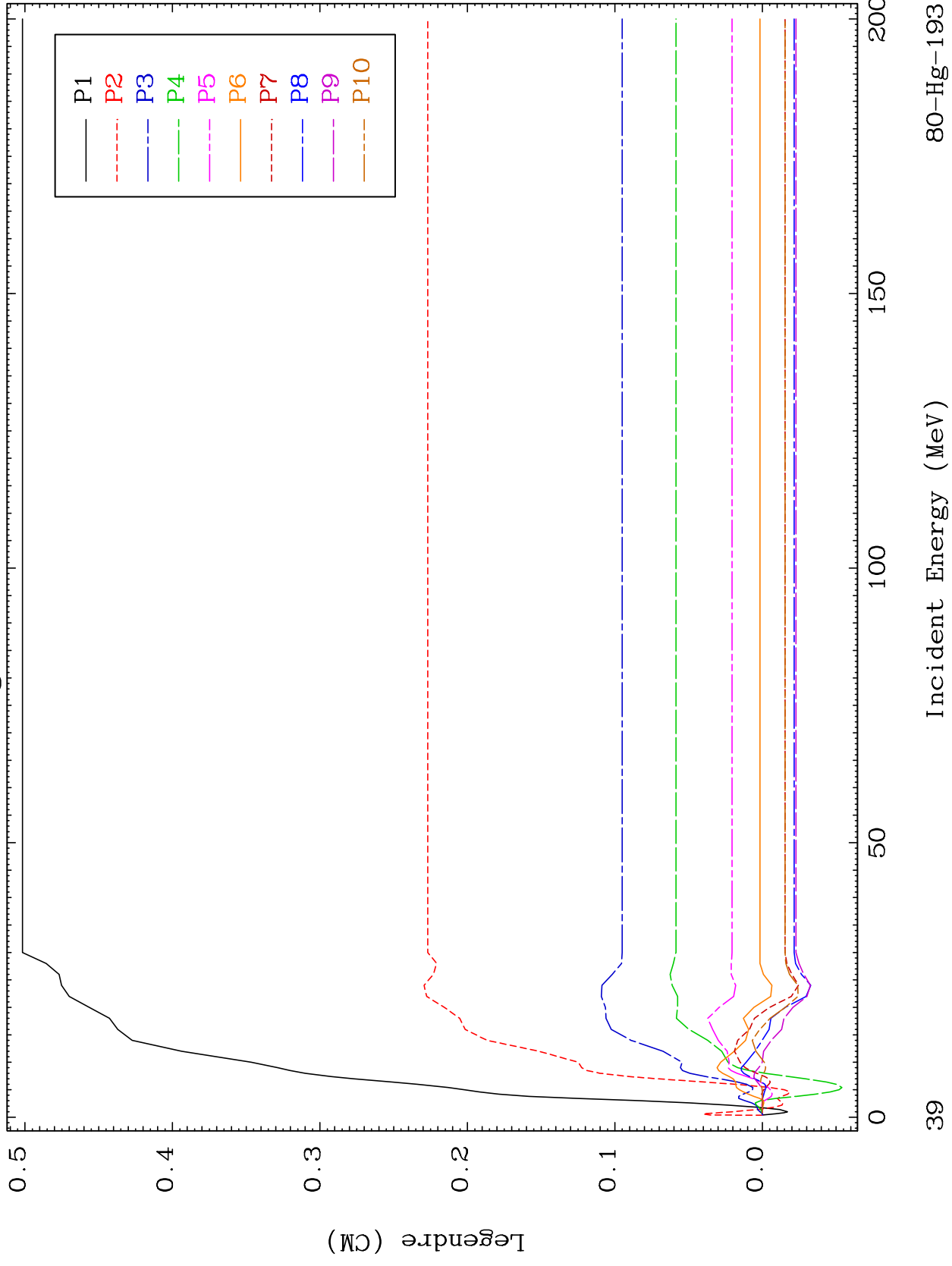
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



80-Hg-193

Incident Energy (MeV)

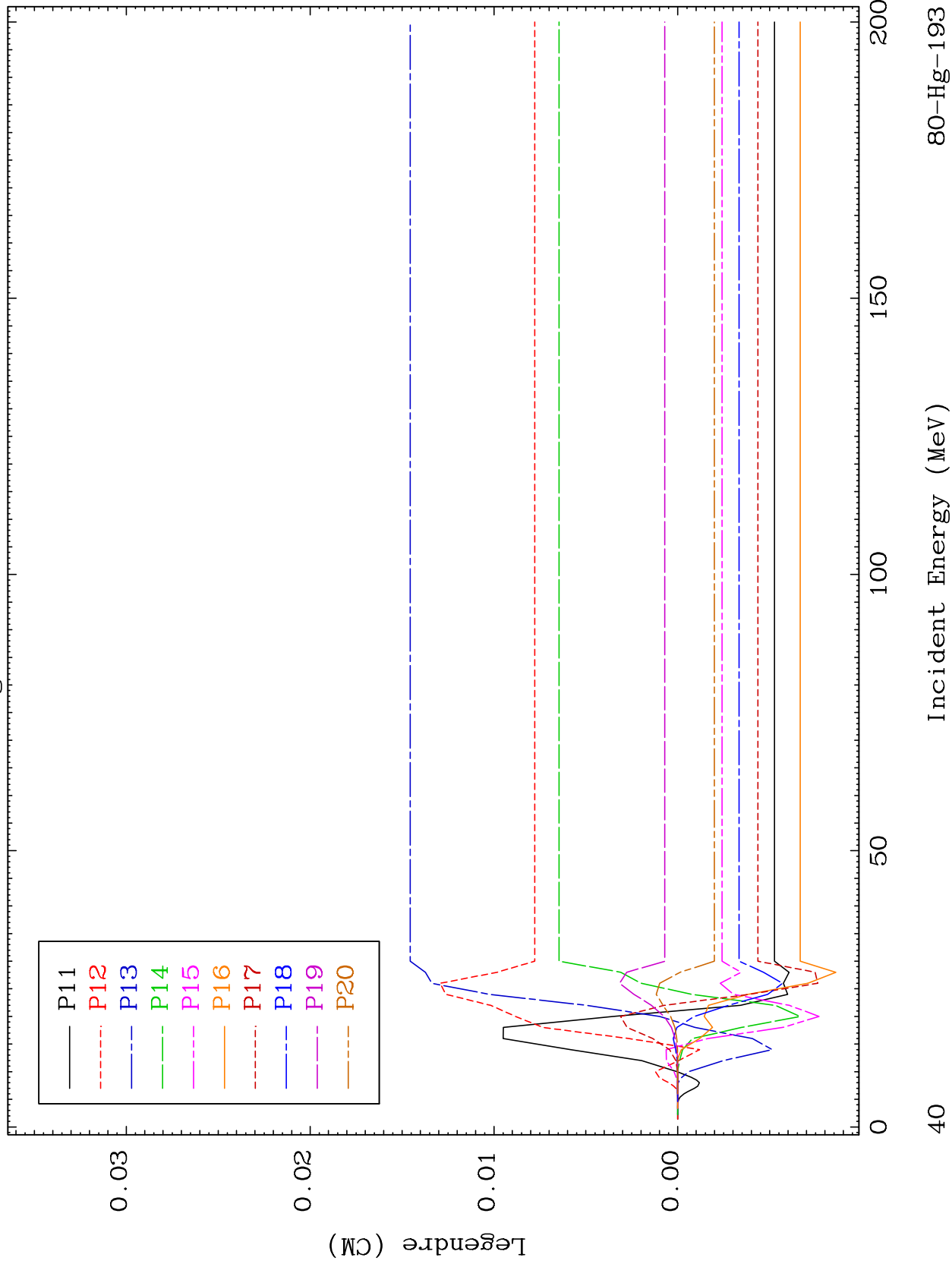
39



MAT 8016

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

80-Hg-193



80-Hg-193

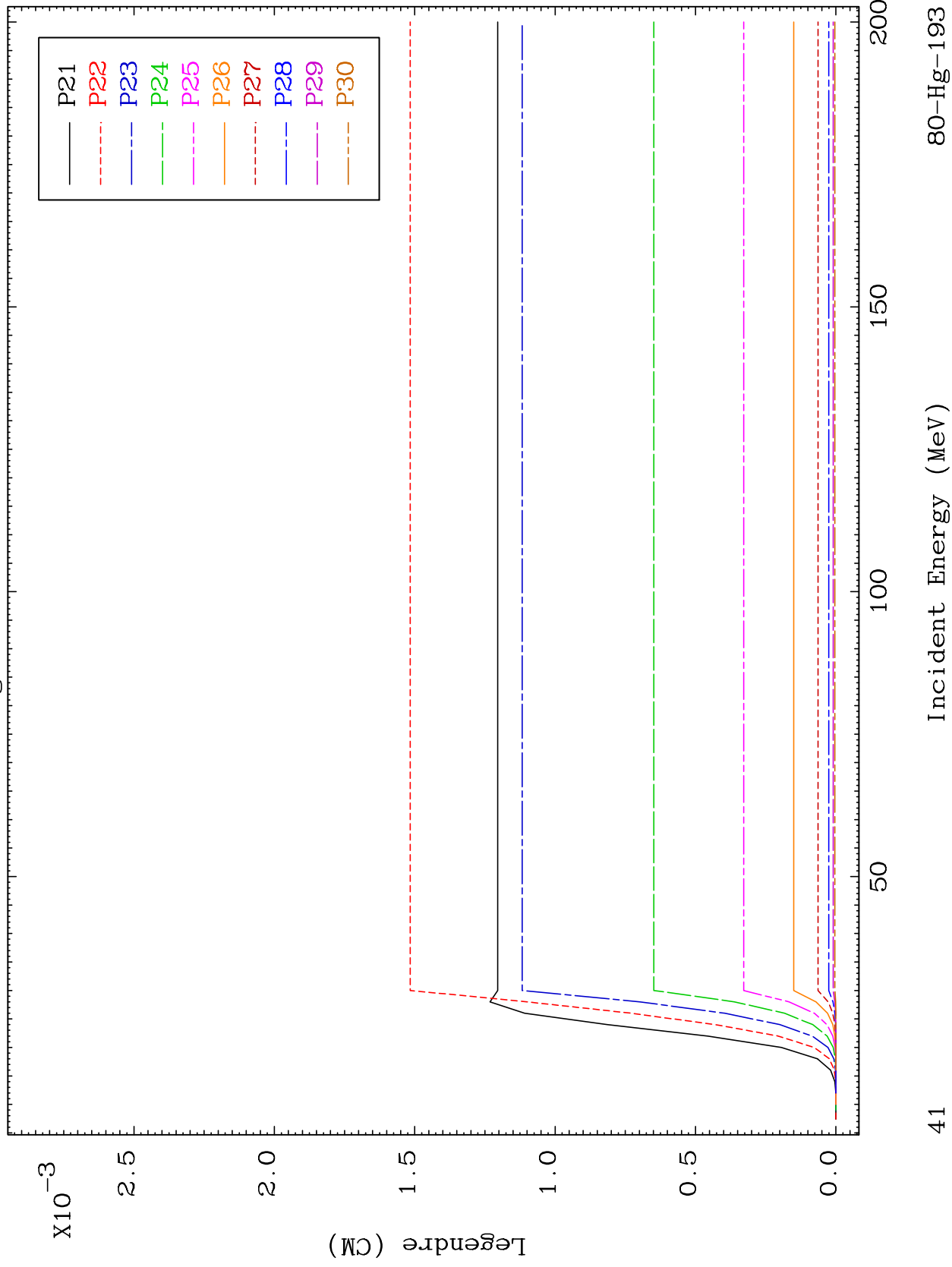
Incident Energy (MeV)

40

MAT 8016

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

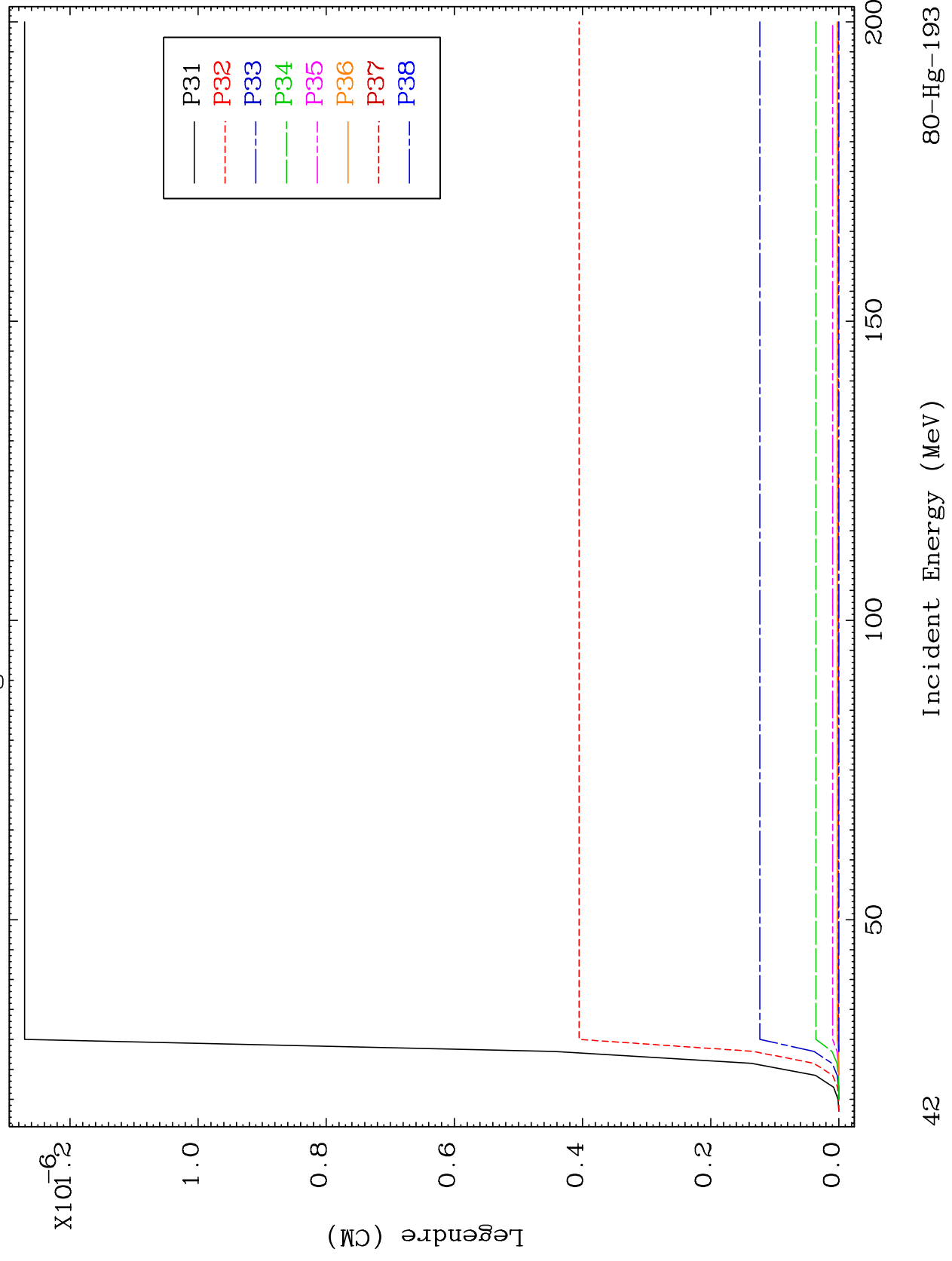
80-Hg-193



MAT 8016

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

80-Hg-193



42

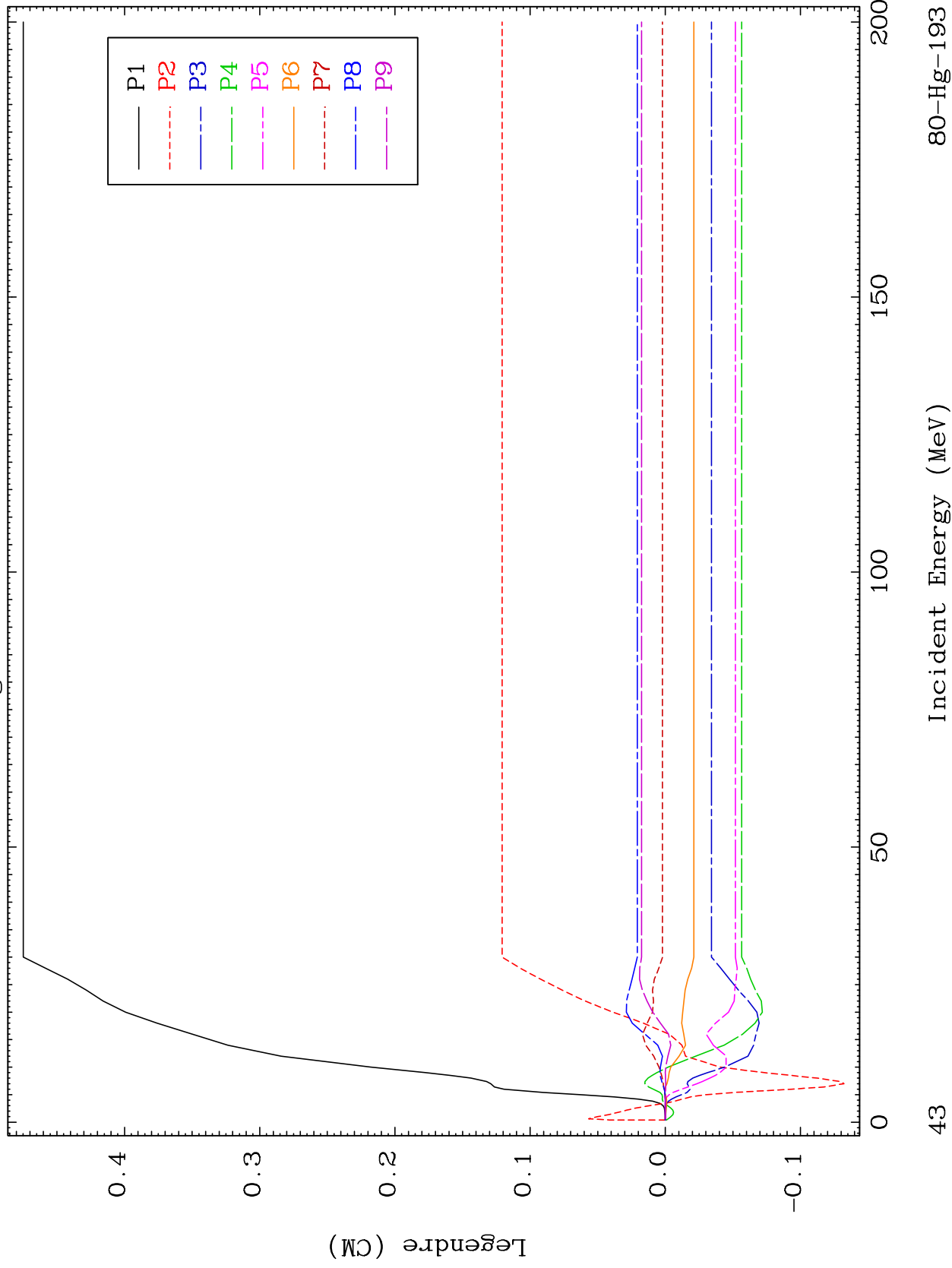
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

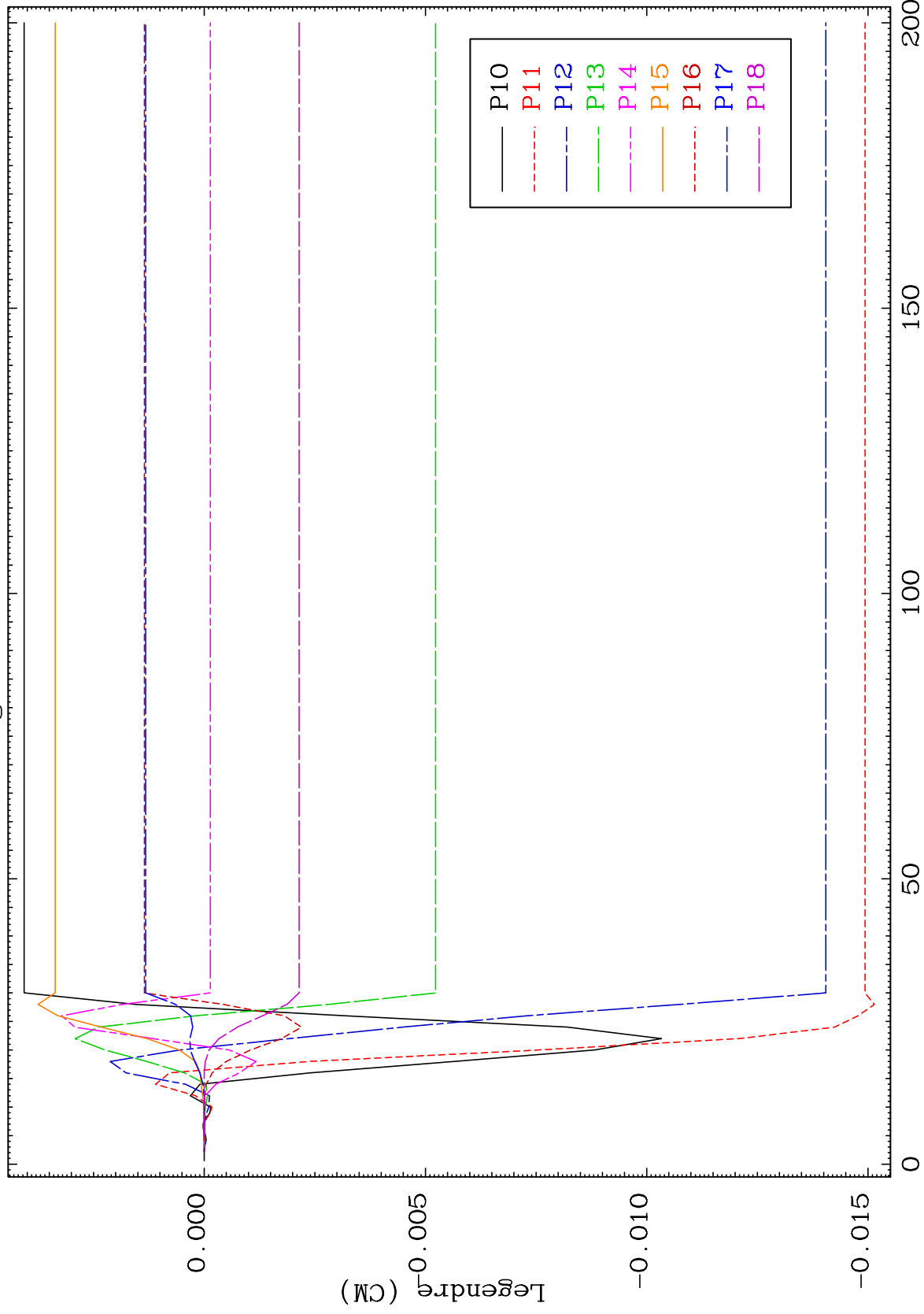
80-Hg-193



MAT 8016

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

80-Hg-193



44

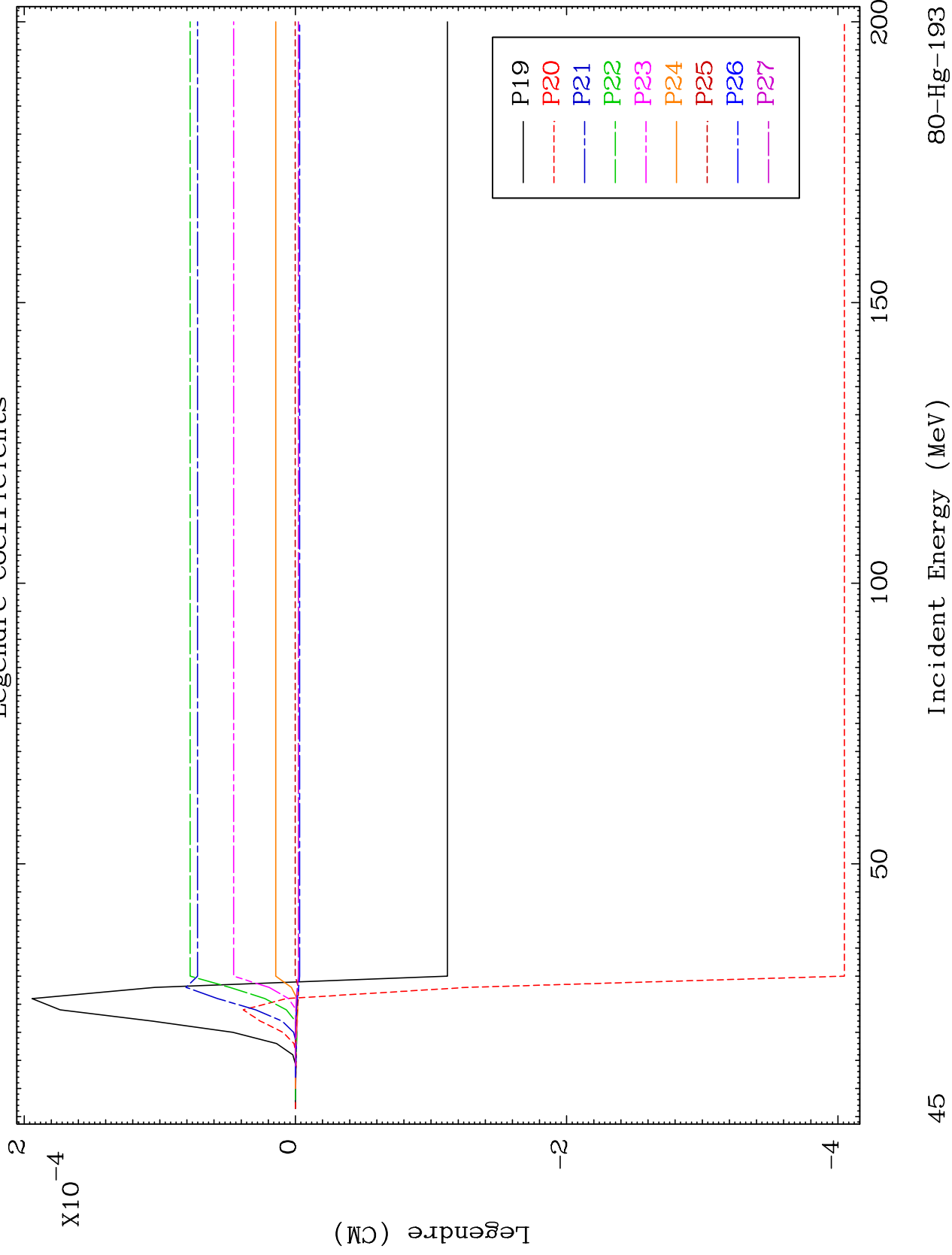
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193

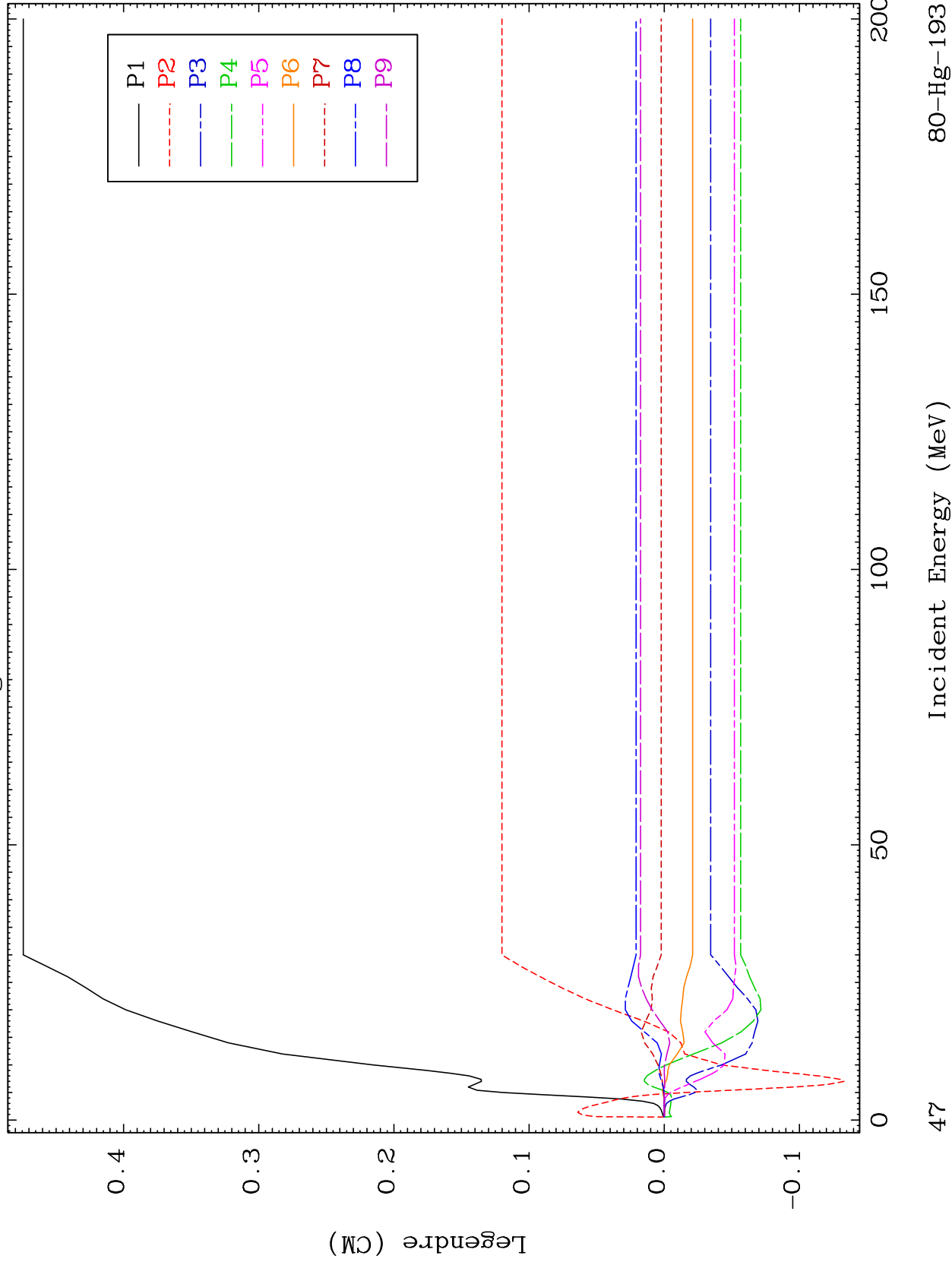




MAT 8016

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

80-Hg-193



80-Hg-193

Incident Energy (MeV)

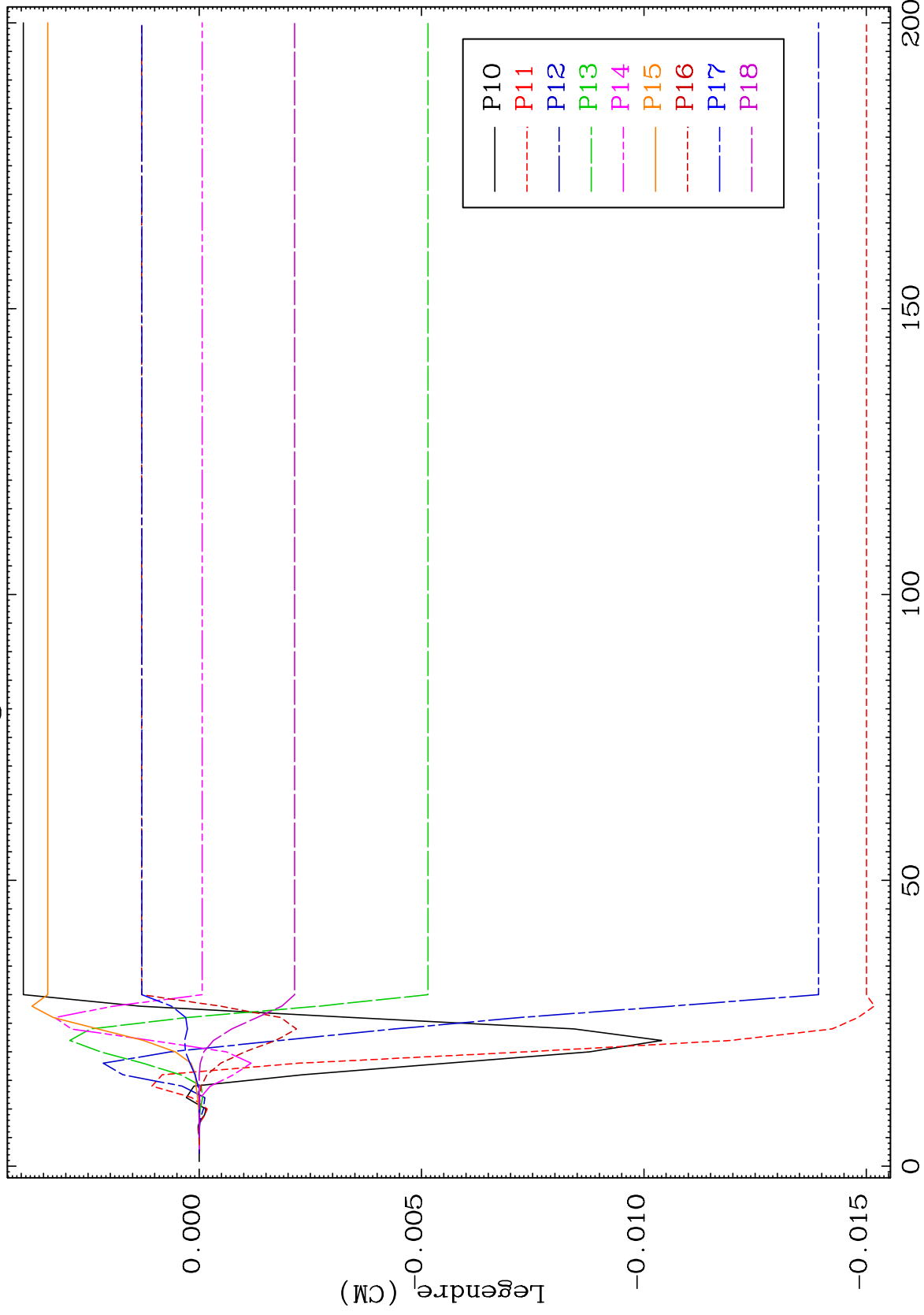
47



MAT 8016

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

80-Hg-193



48

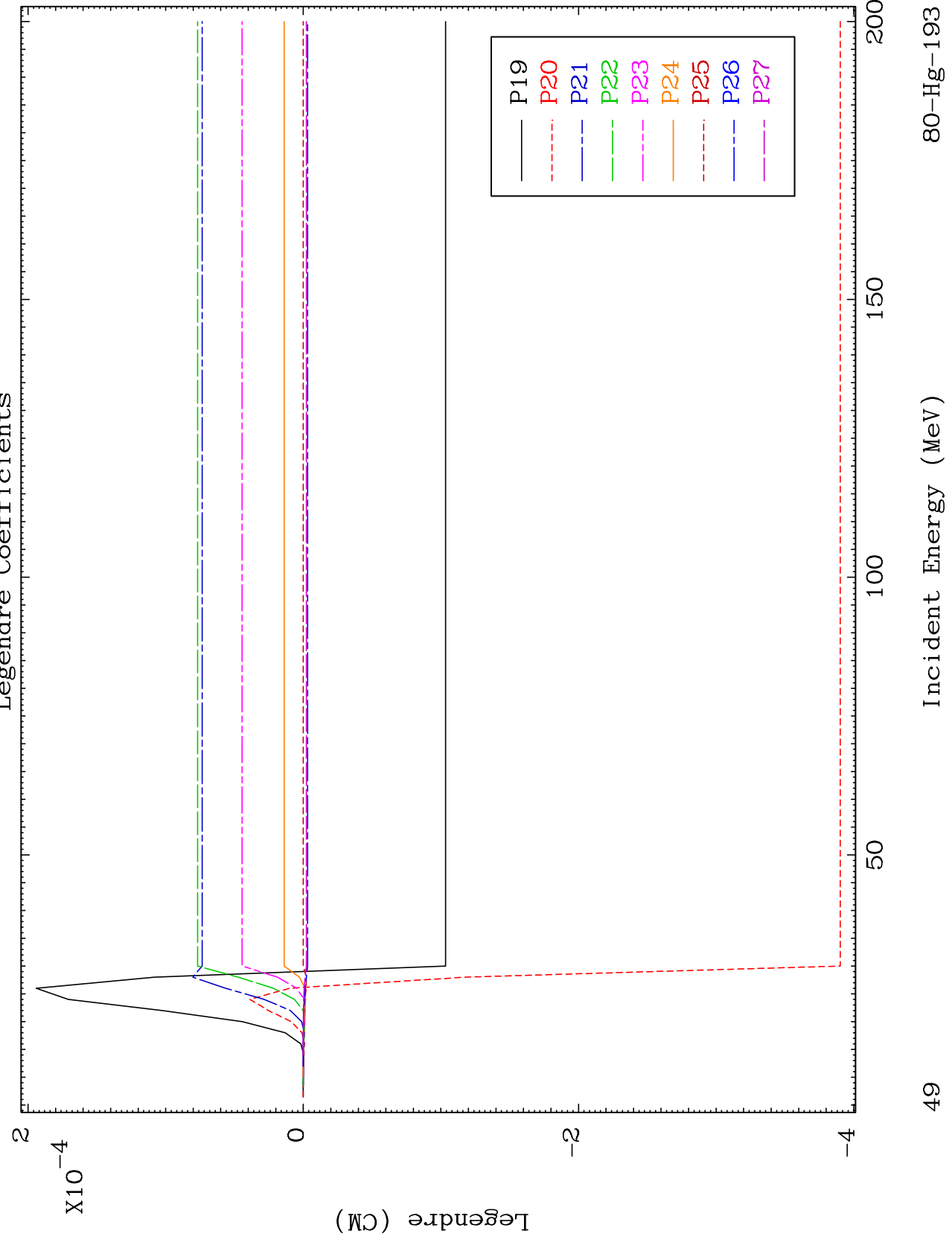
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

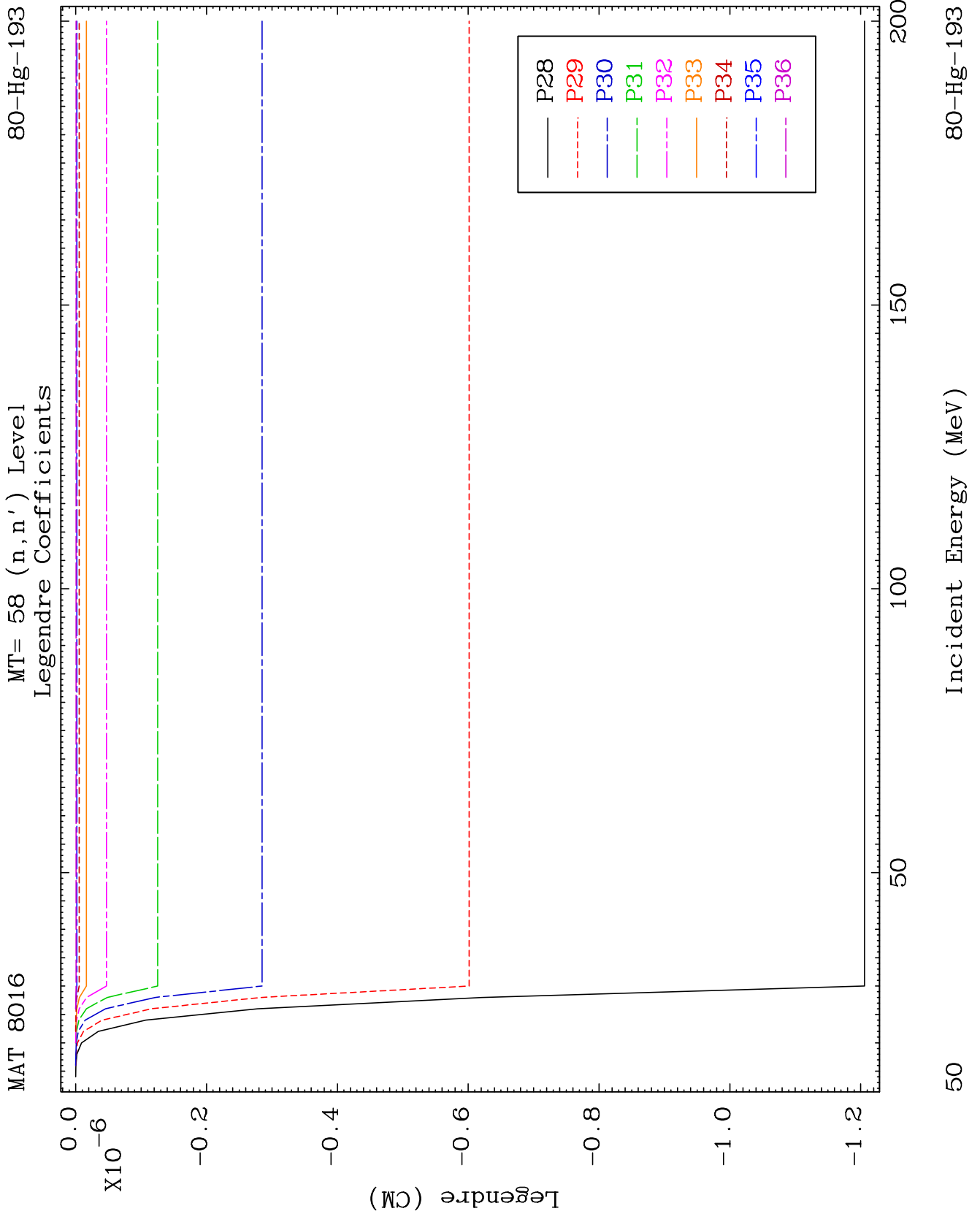
80-Hg-193



49

Incident Energy (MeV)

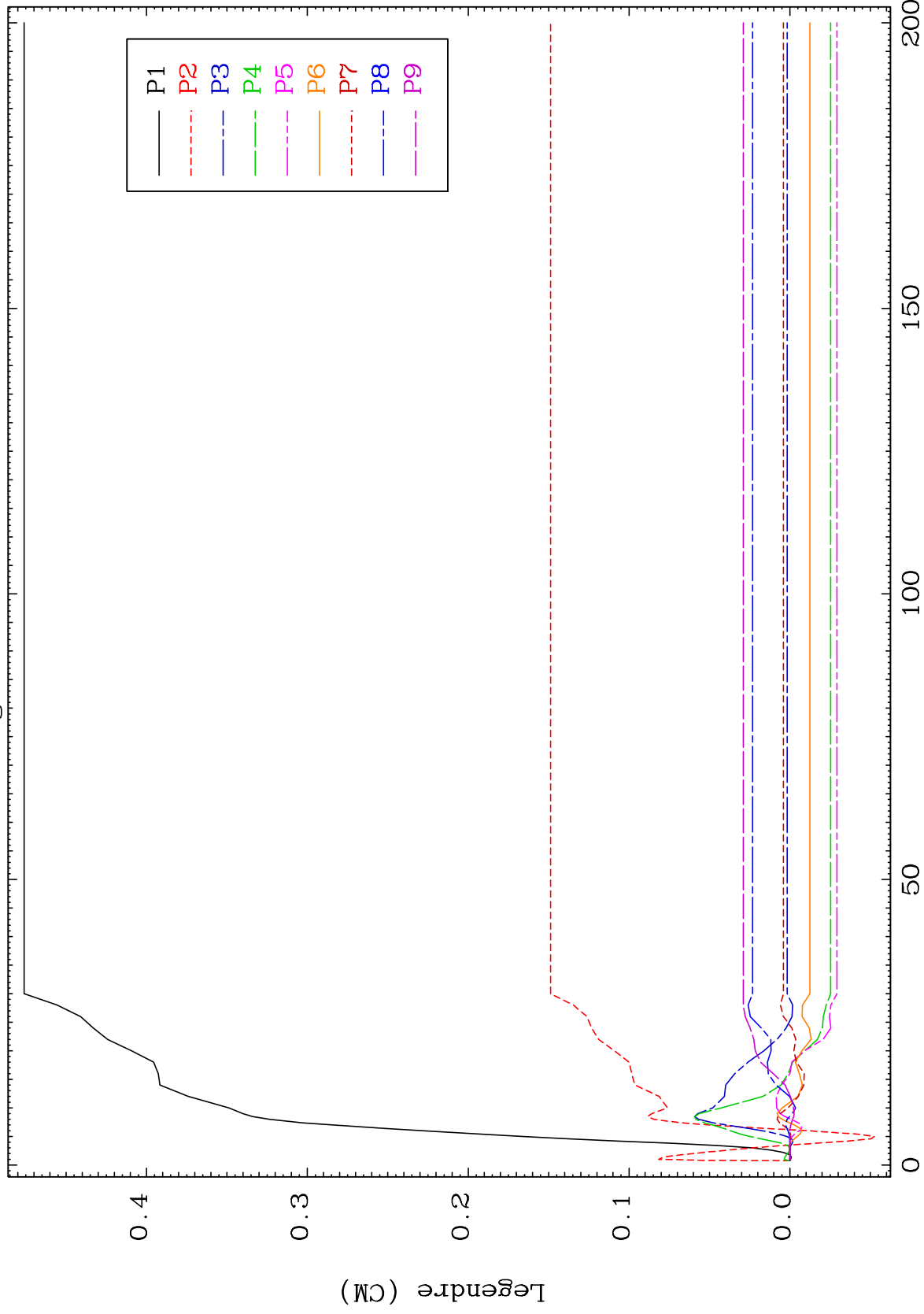
80-Hg-193



MAT 8016

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

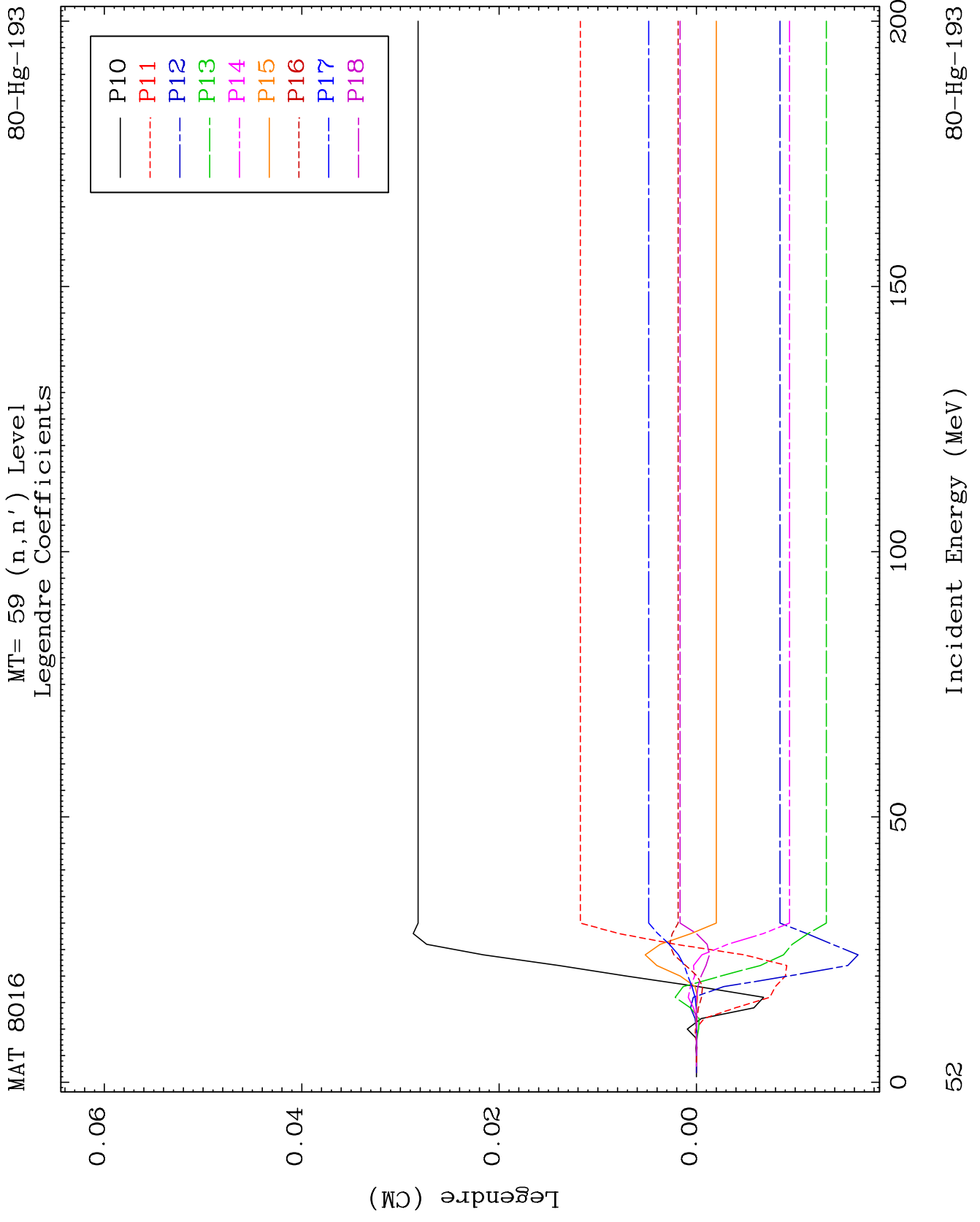
80-Hg-193



51

Incident Energy (MeV)

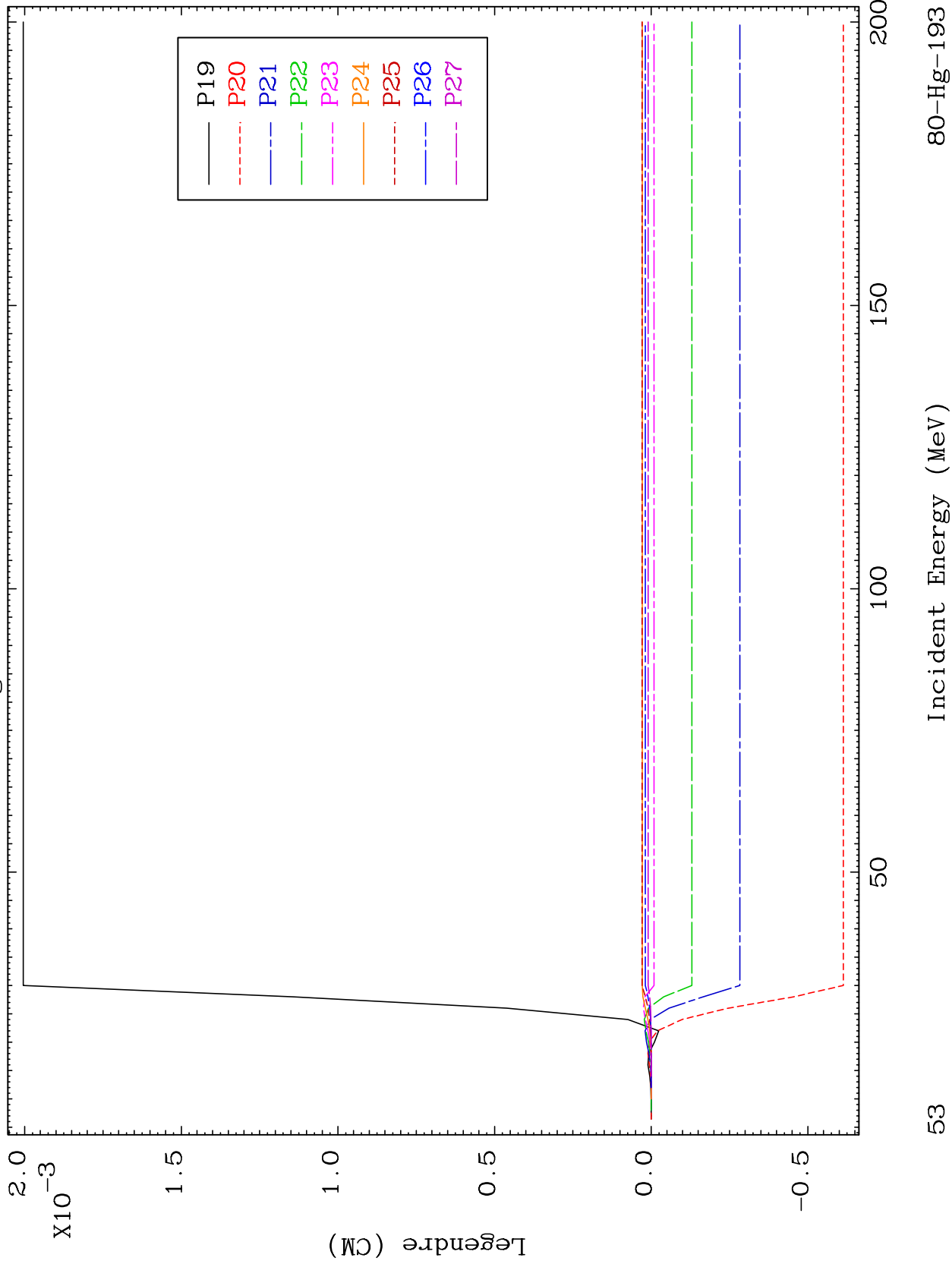
80-Hg-193



MAT 8016

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

80-Hg-193



53

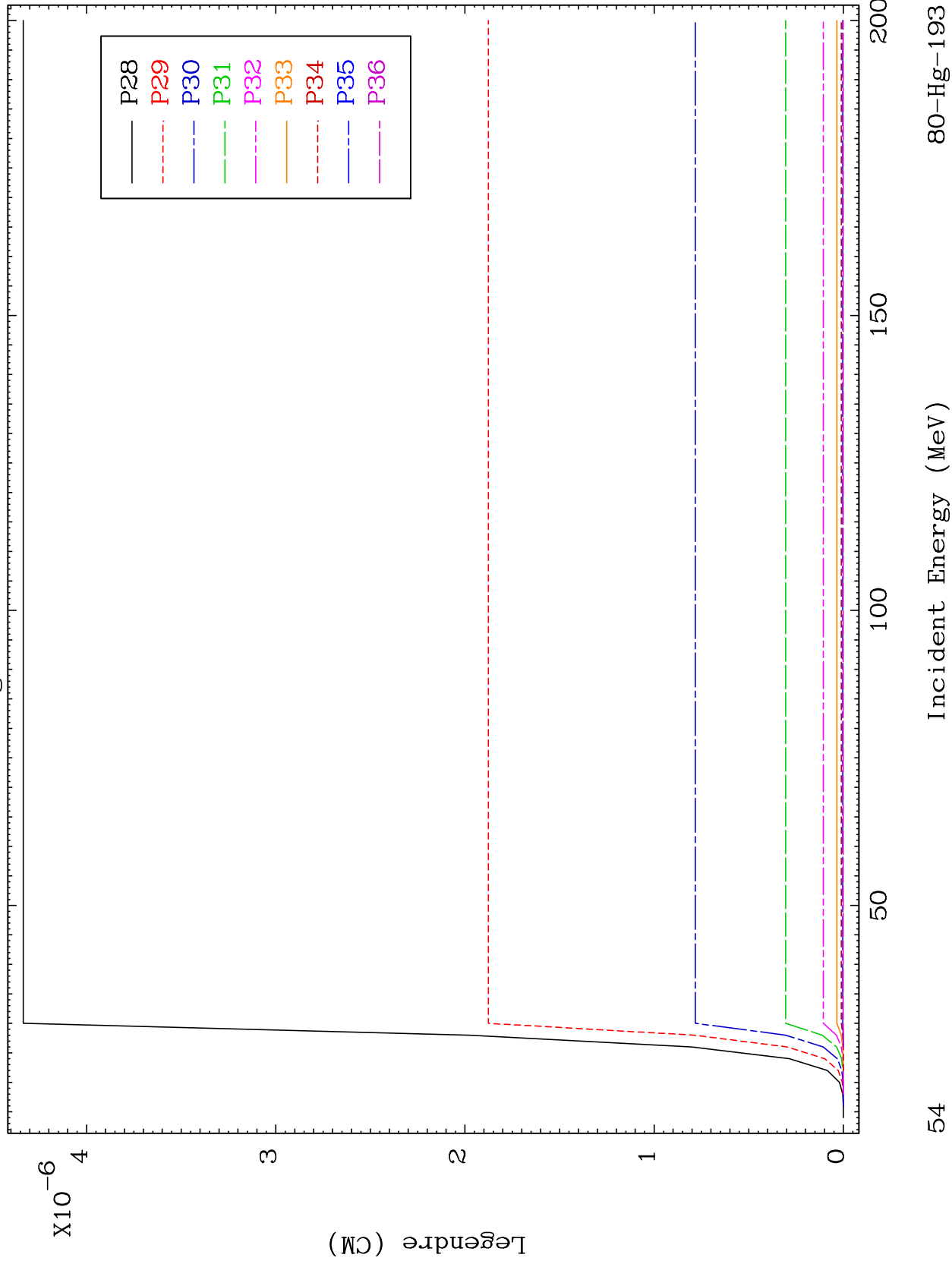
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



54

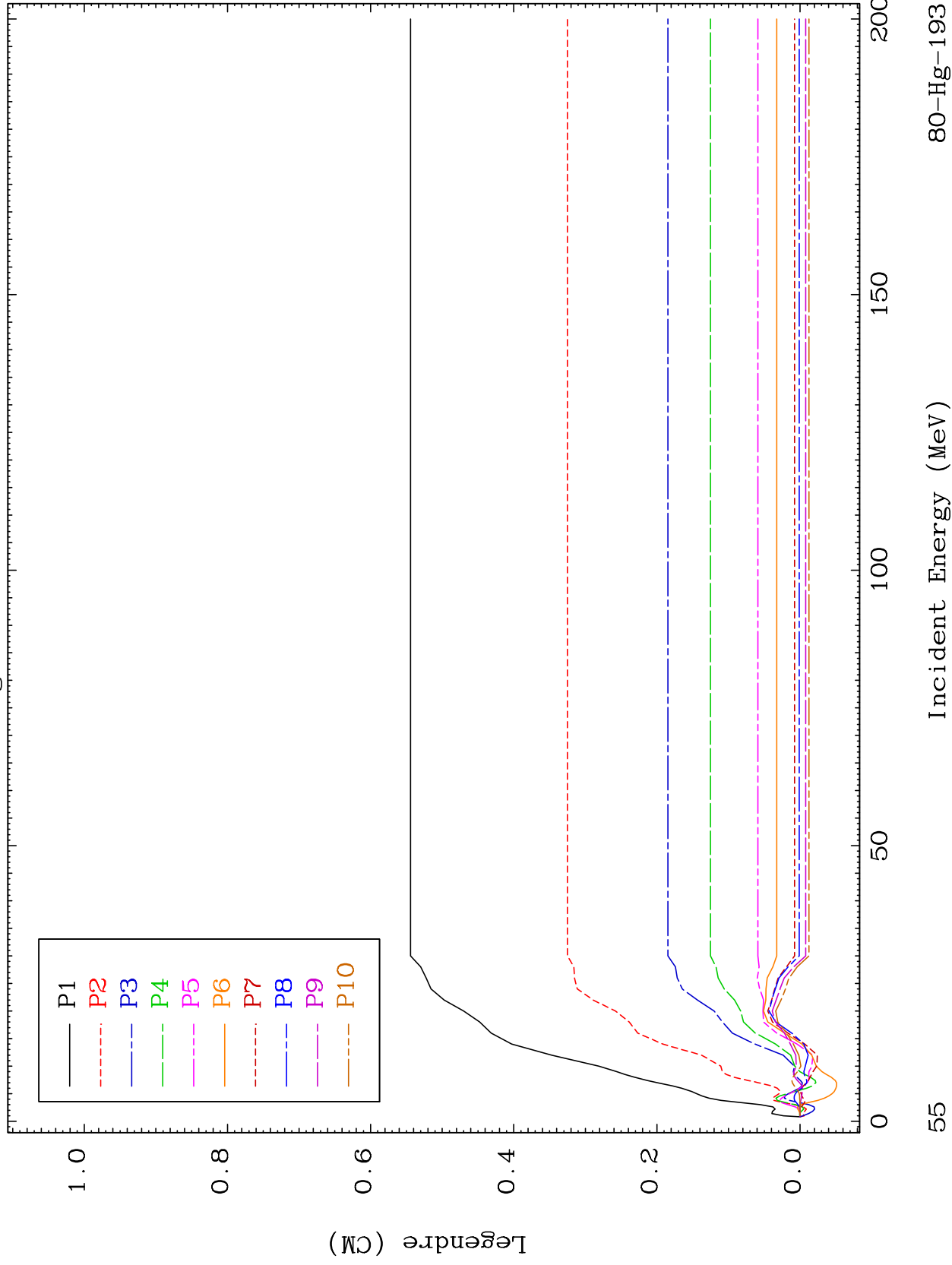
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



80-Hg-193

Incident Energy (MeV)

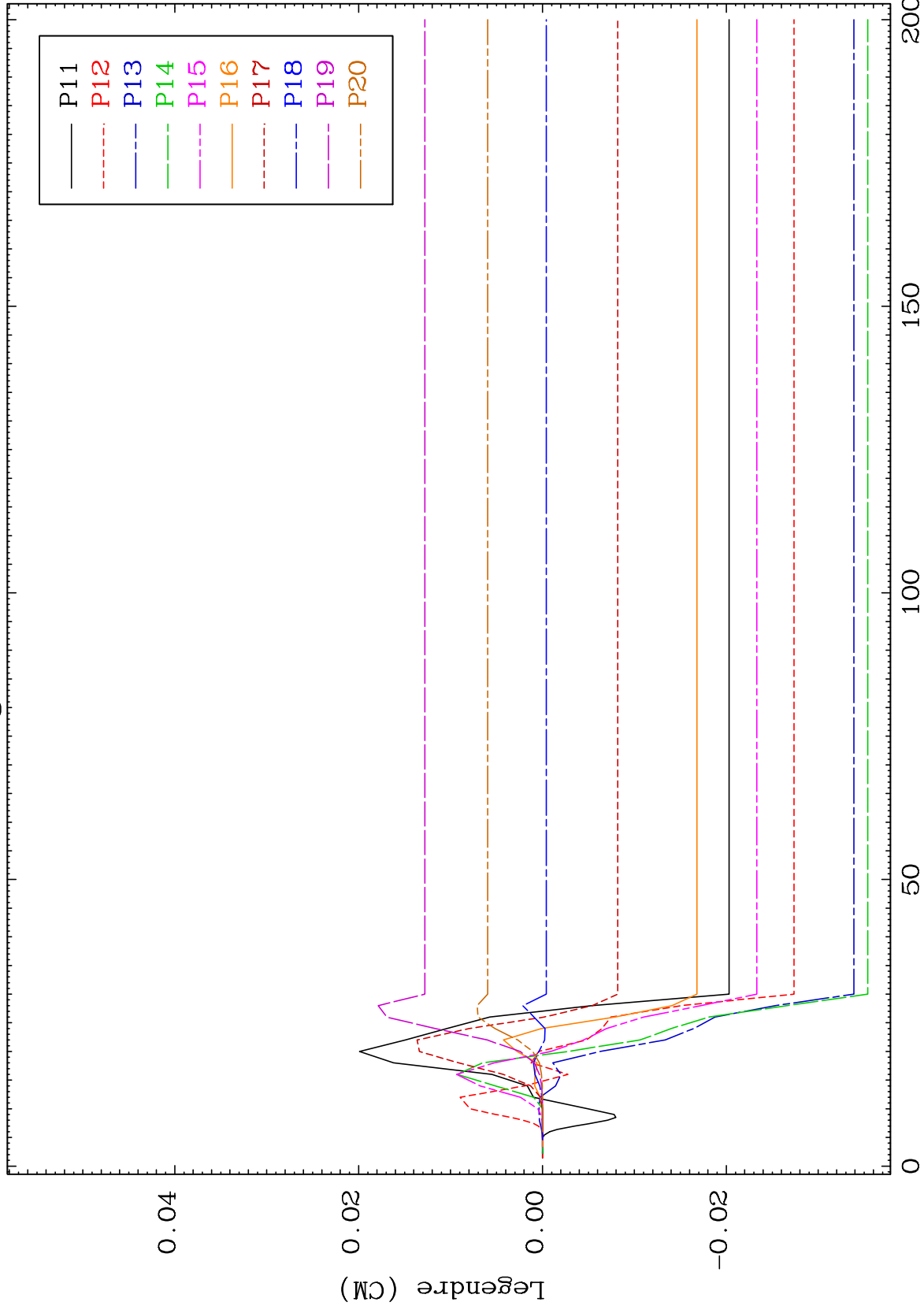
55



MAT 8016

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

80-Hg-193



56

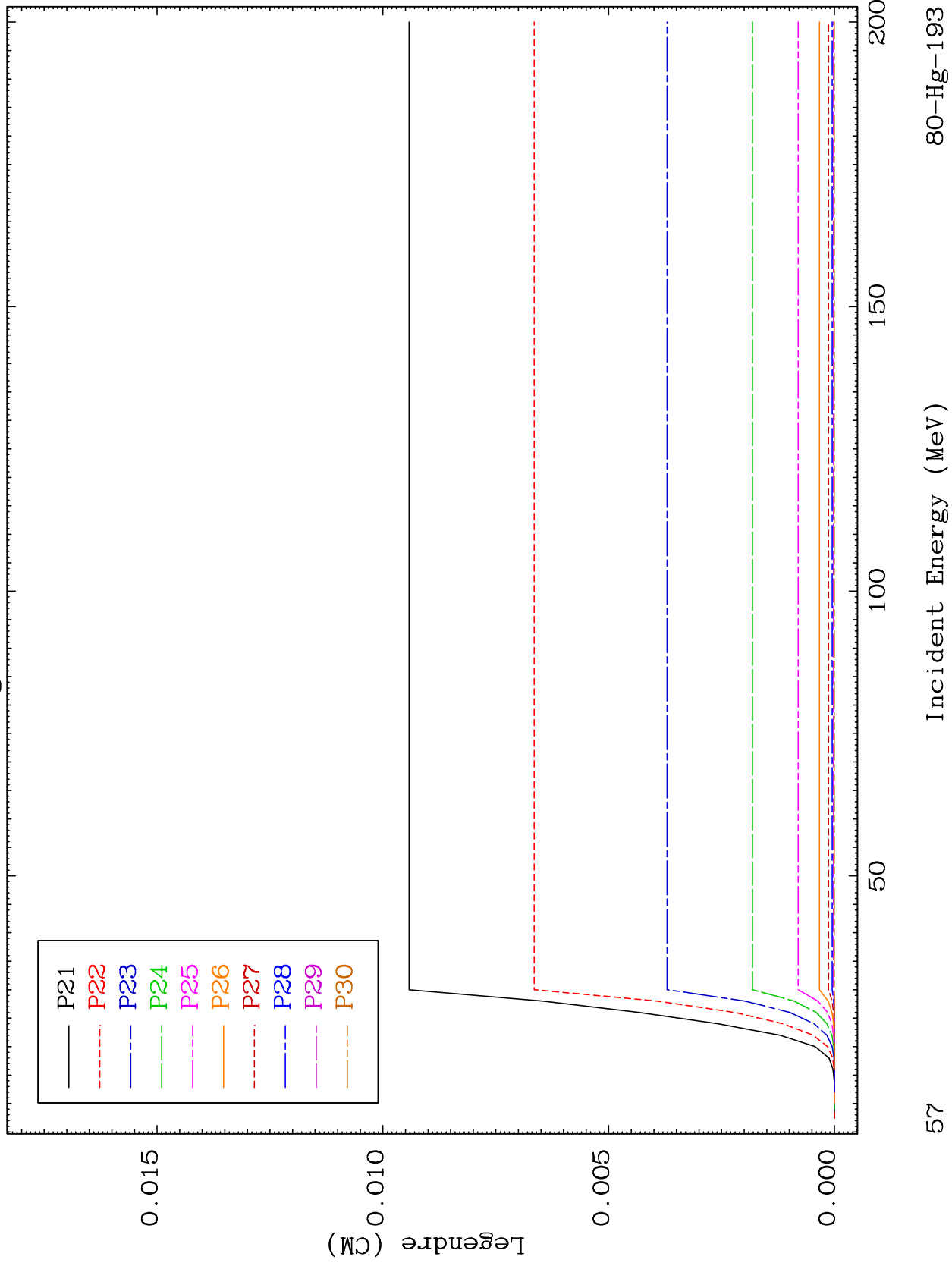
Incident Energy (MeV)

80-Hg-193

MAT 8016

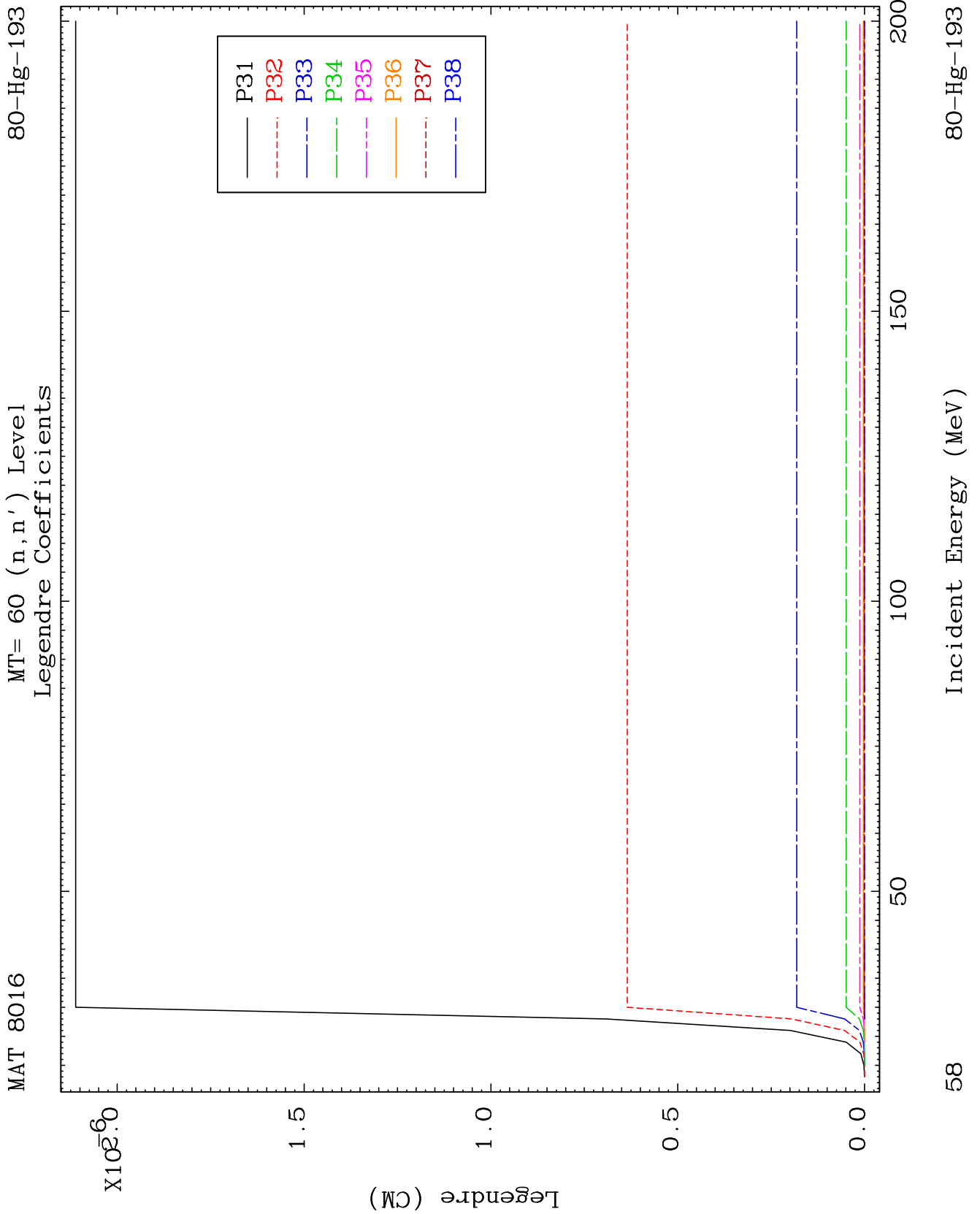
80-Hg-193

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

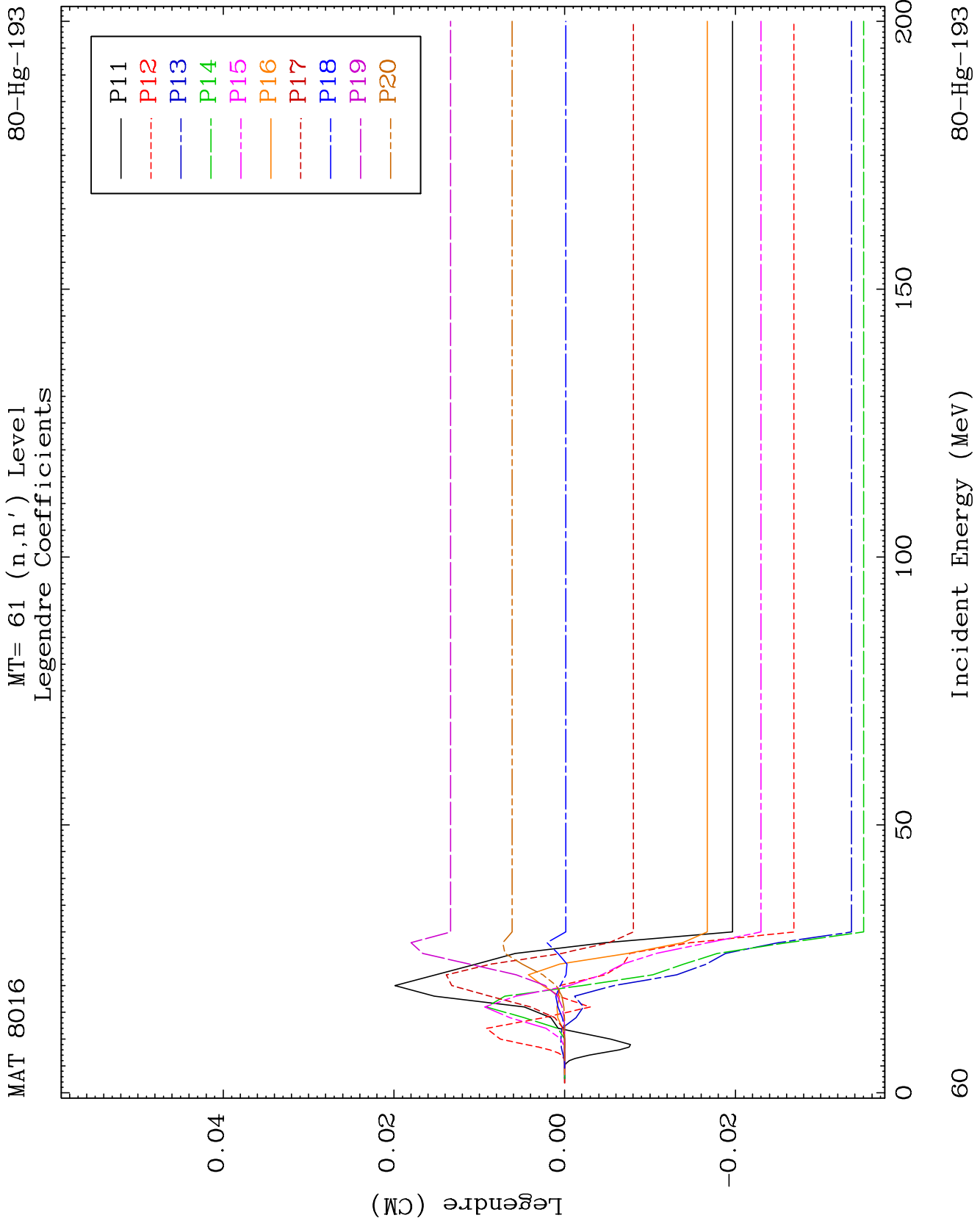


57

80-Hg-193



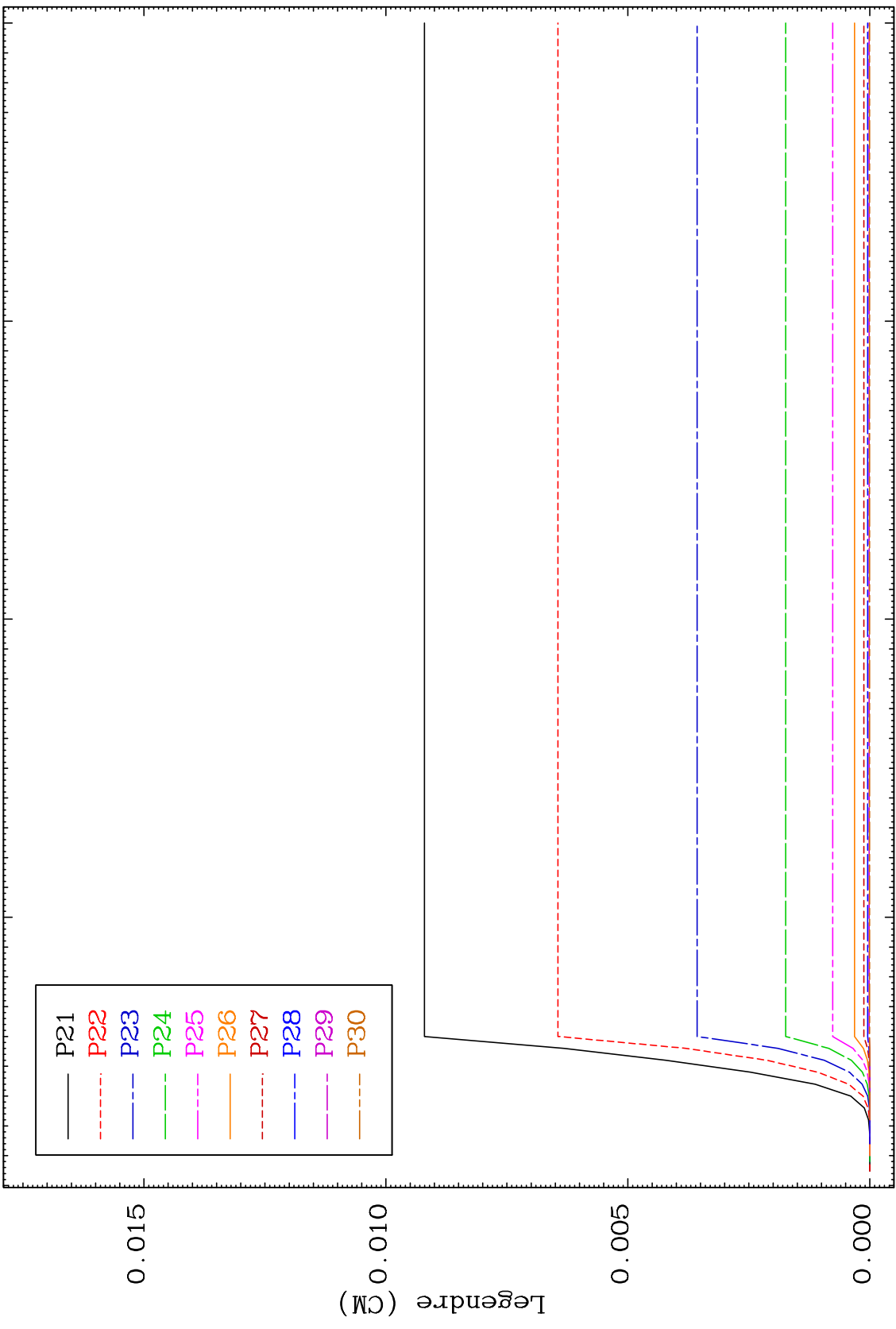




MAT 8016

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

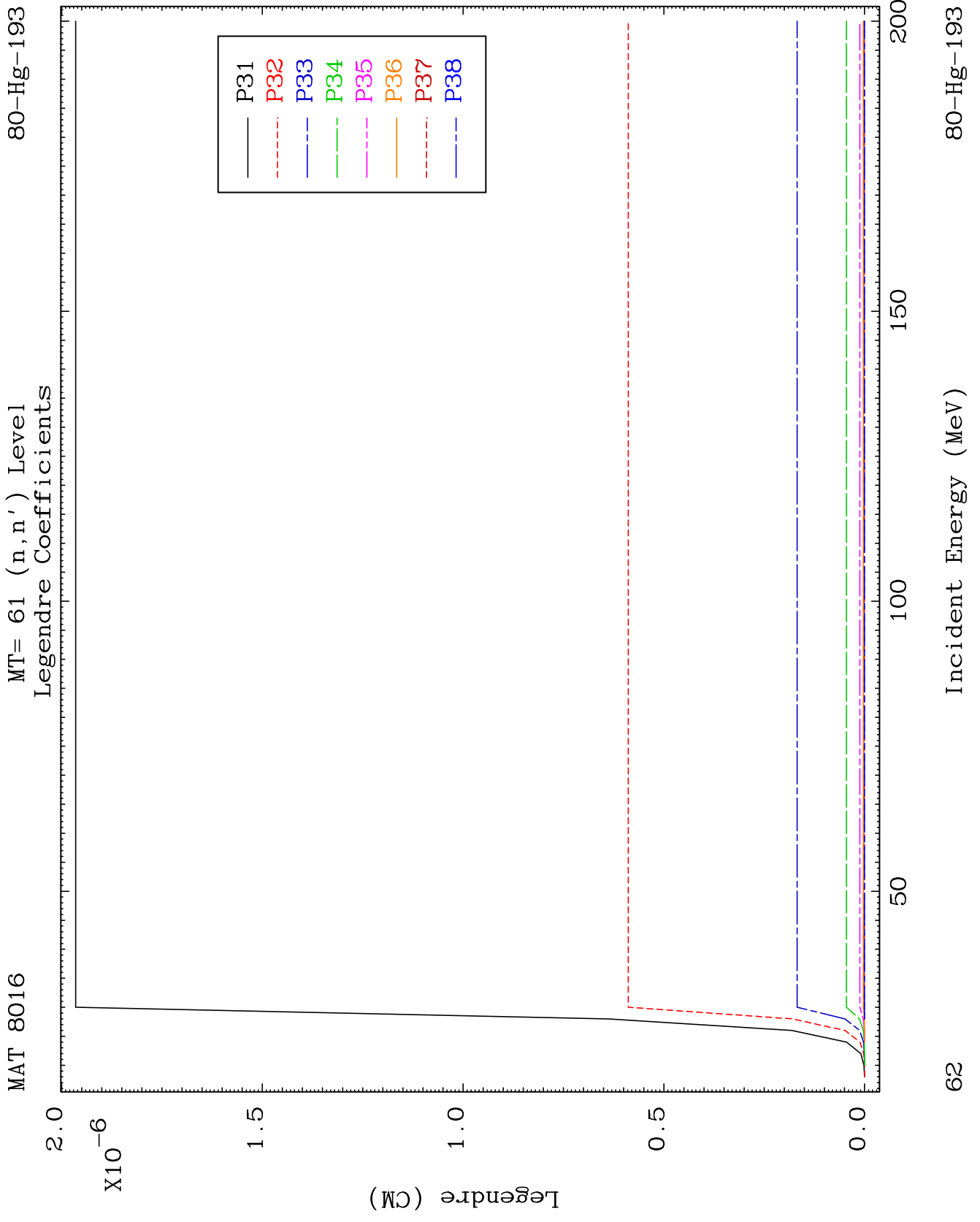
80-Hg-193



61

Incident Energy (MeV)

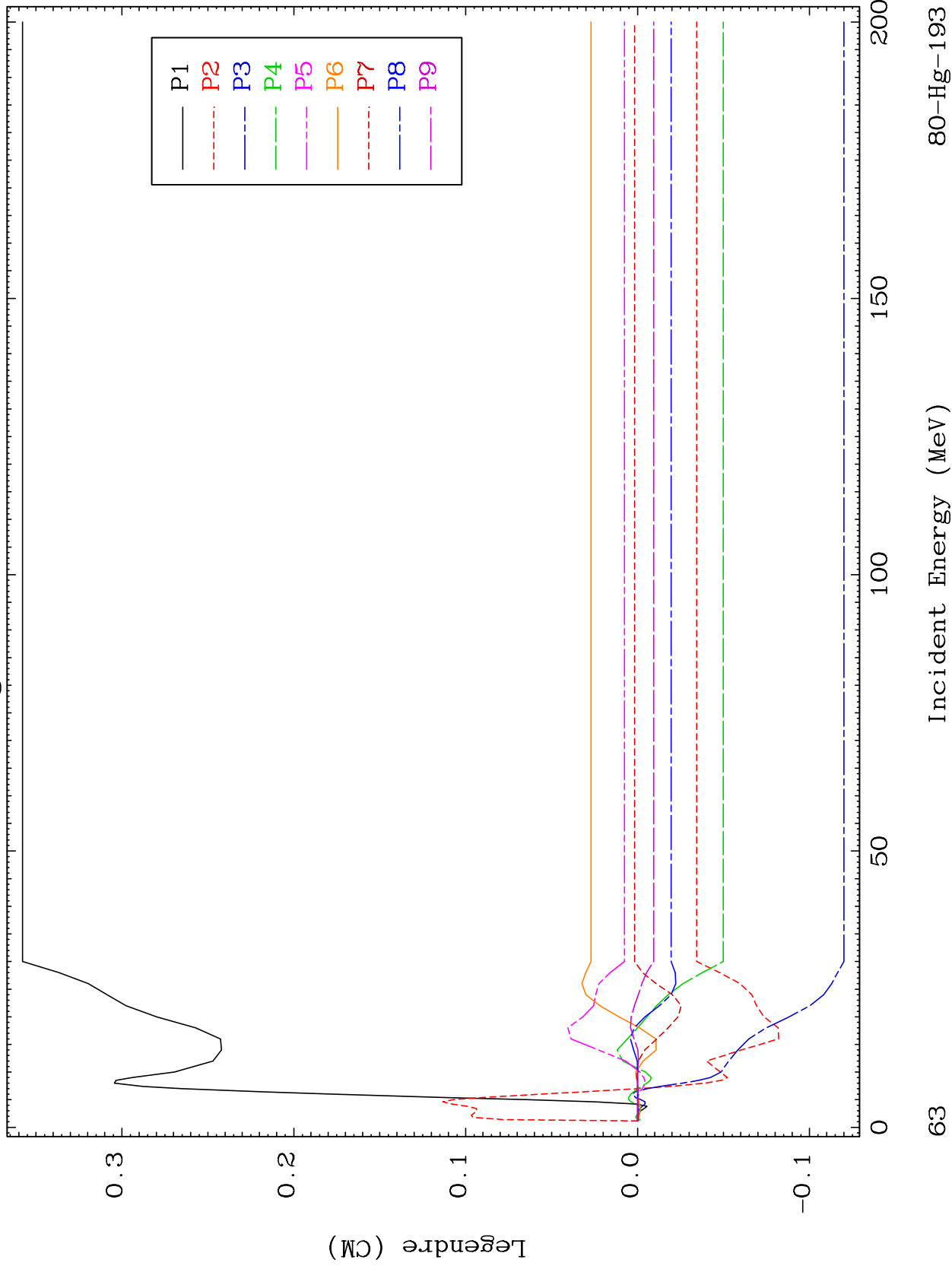
80-Hg-193



MAT 8016

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

80-Hg-193



80-Hg-193

Incident Energy (MeV)

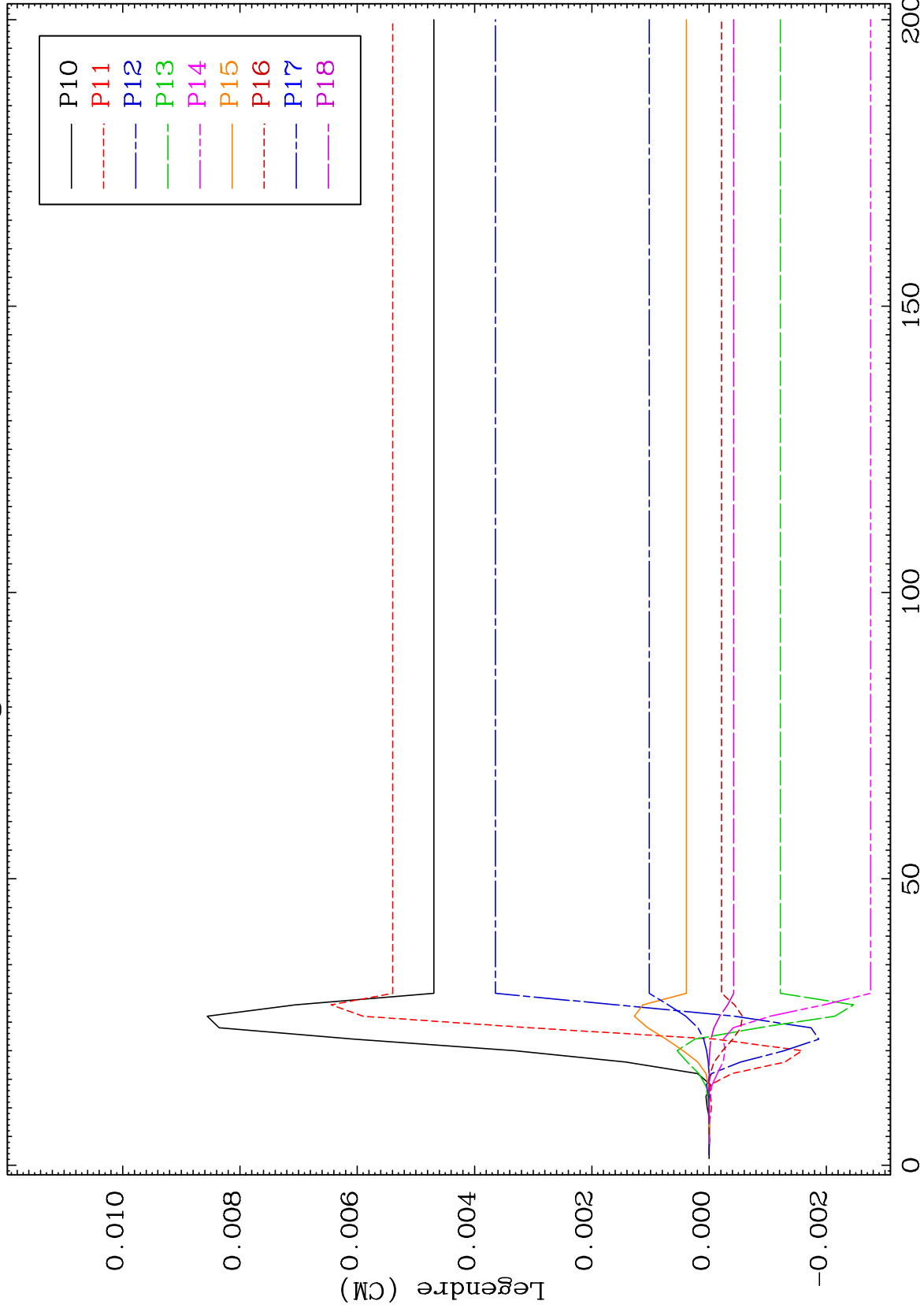
63



MAT 8016

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

80-Hg-193



64

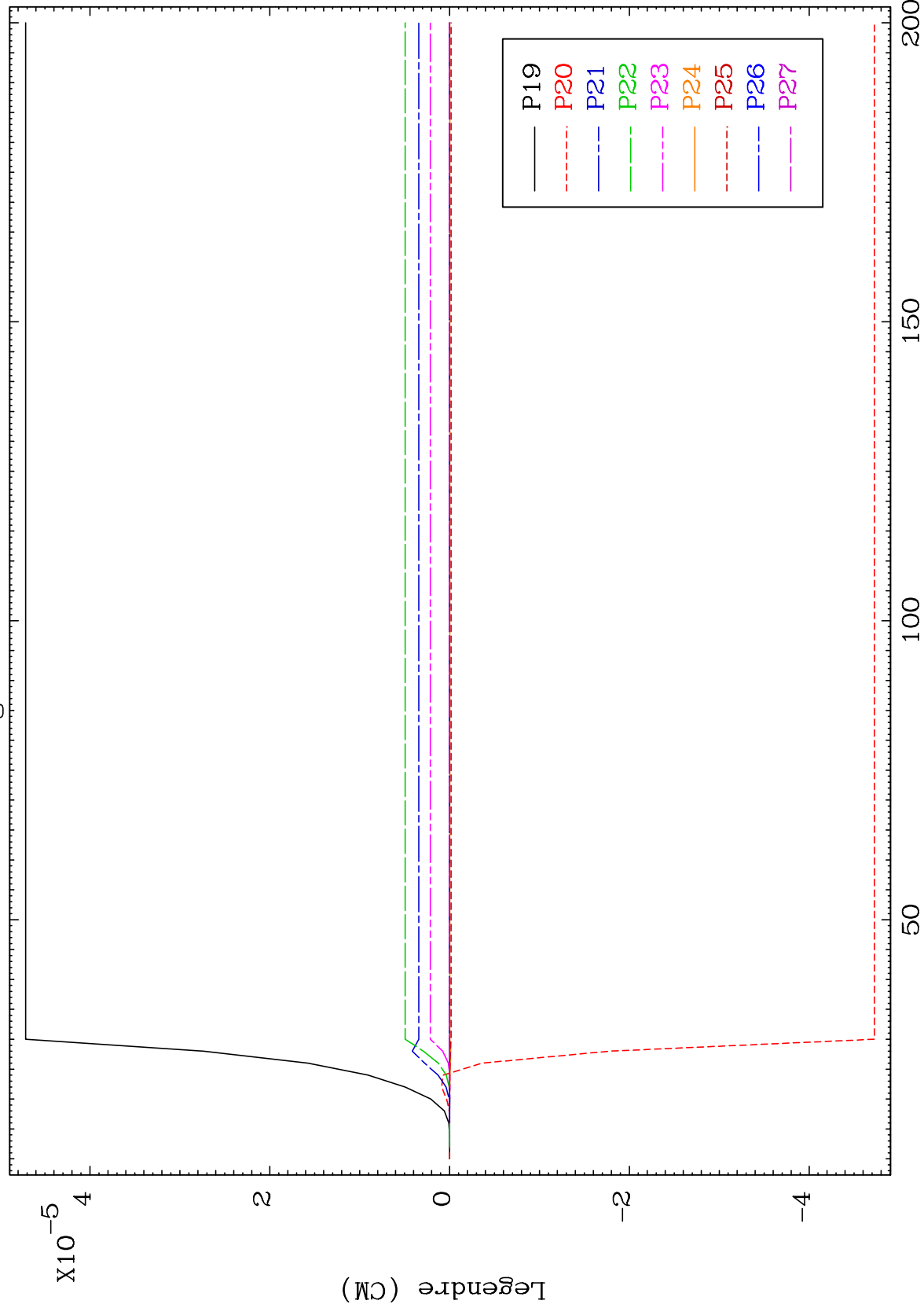
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

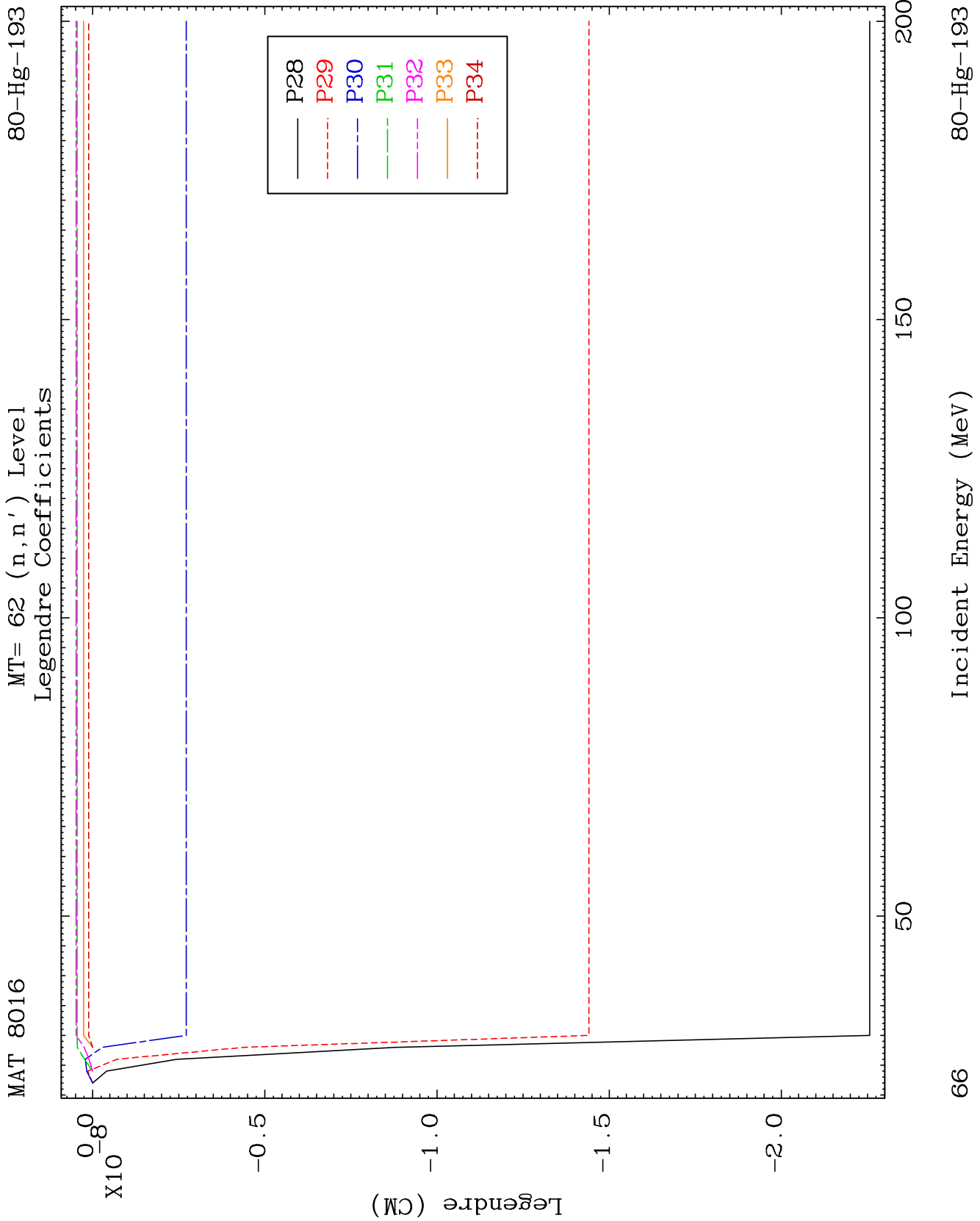
80-Hg-193



65

Incident Energy (MeV)

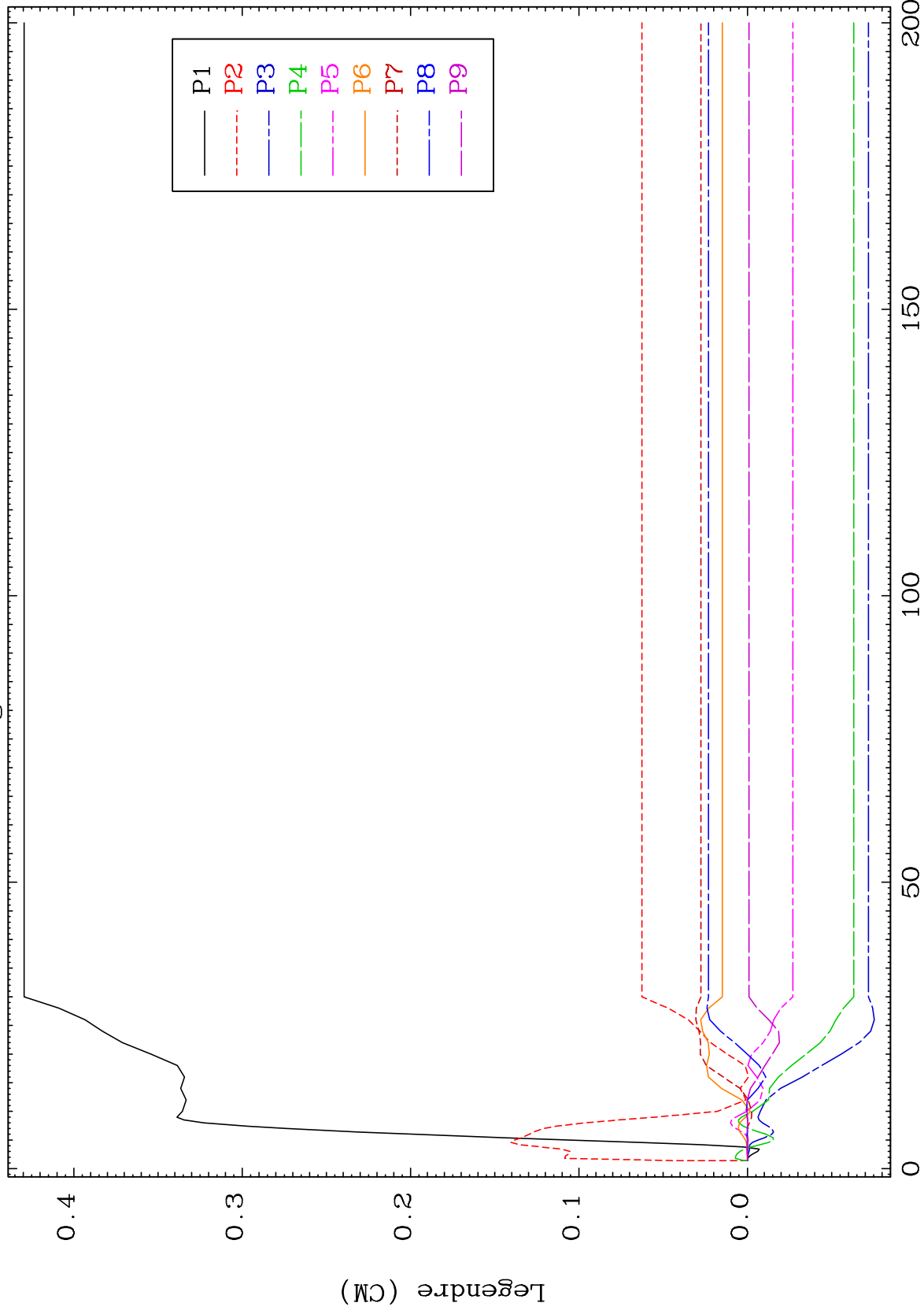
80-Hg-193



MAT 8016

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

80-Hg-193



67

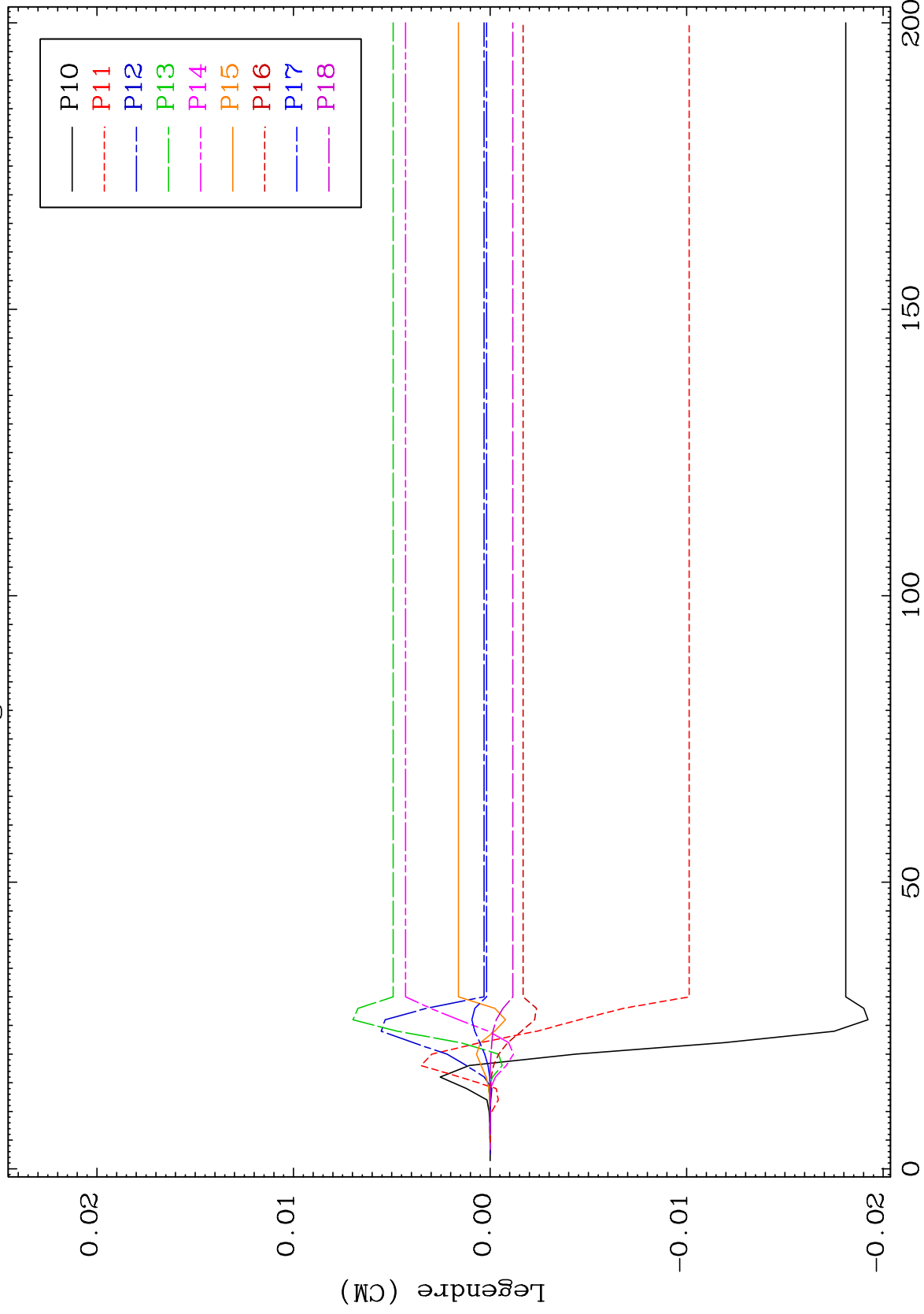
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



68

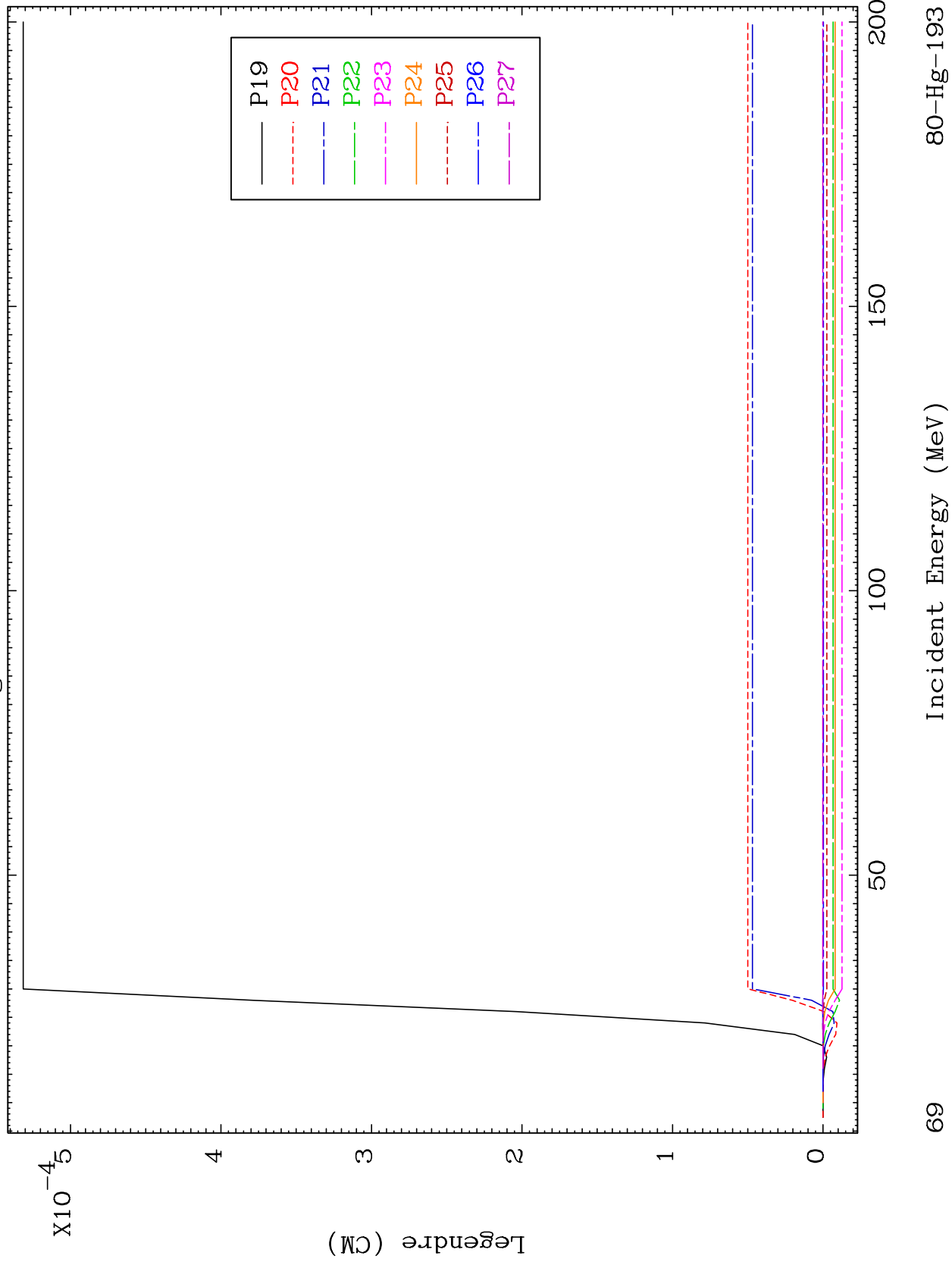
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



69

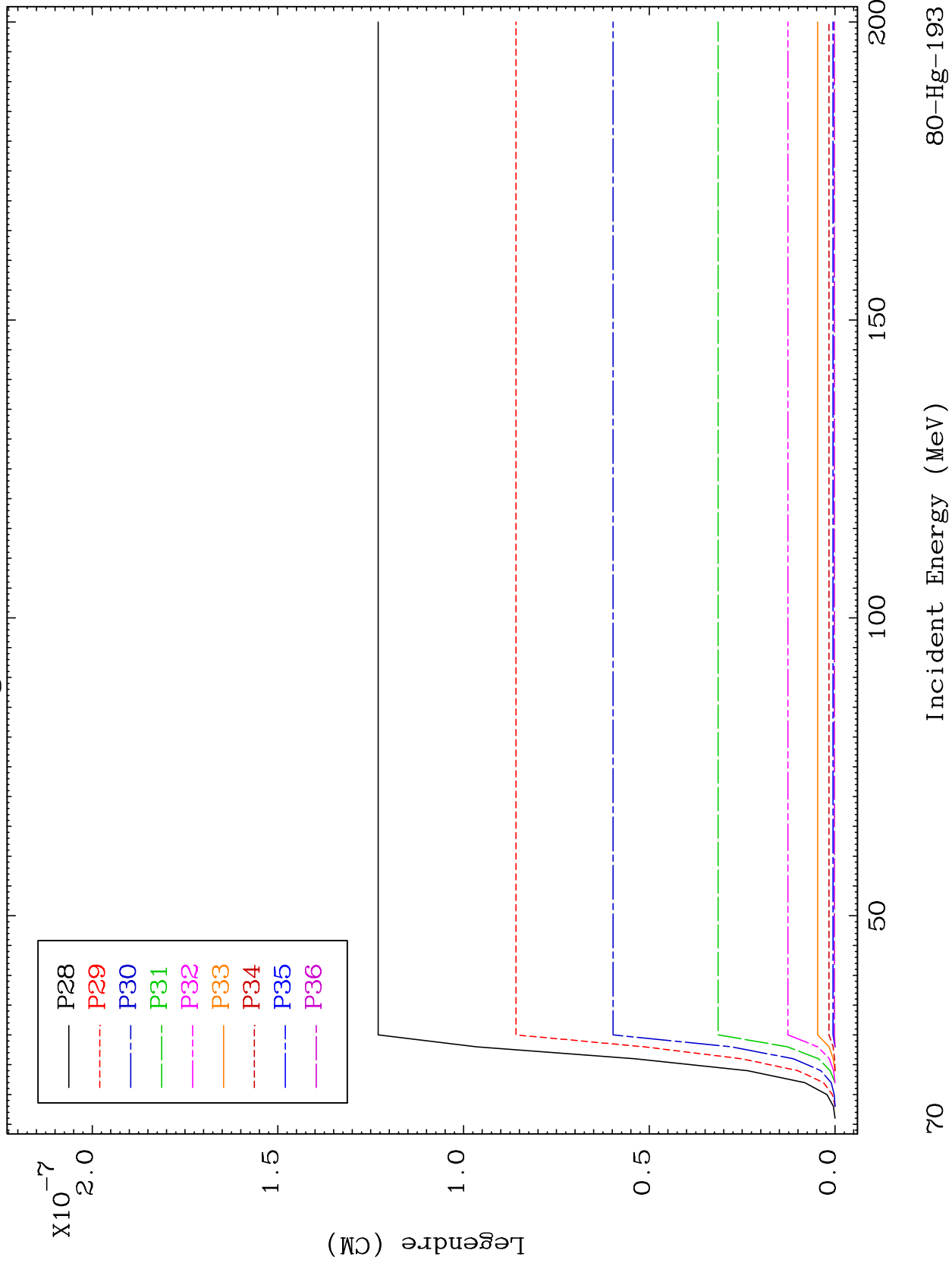
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

80-Hg-193



80-Hg-193

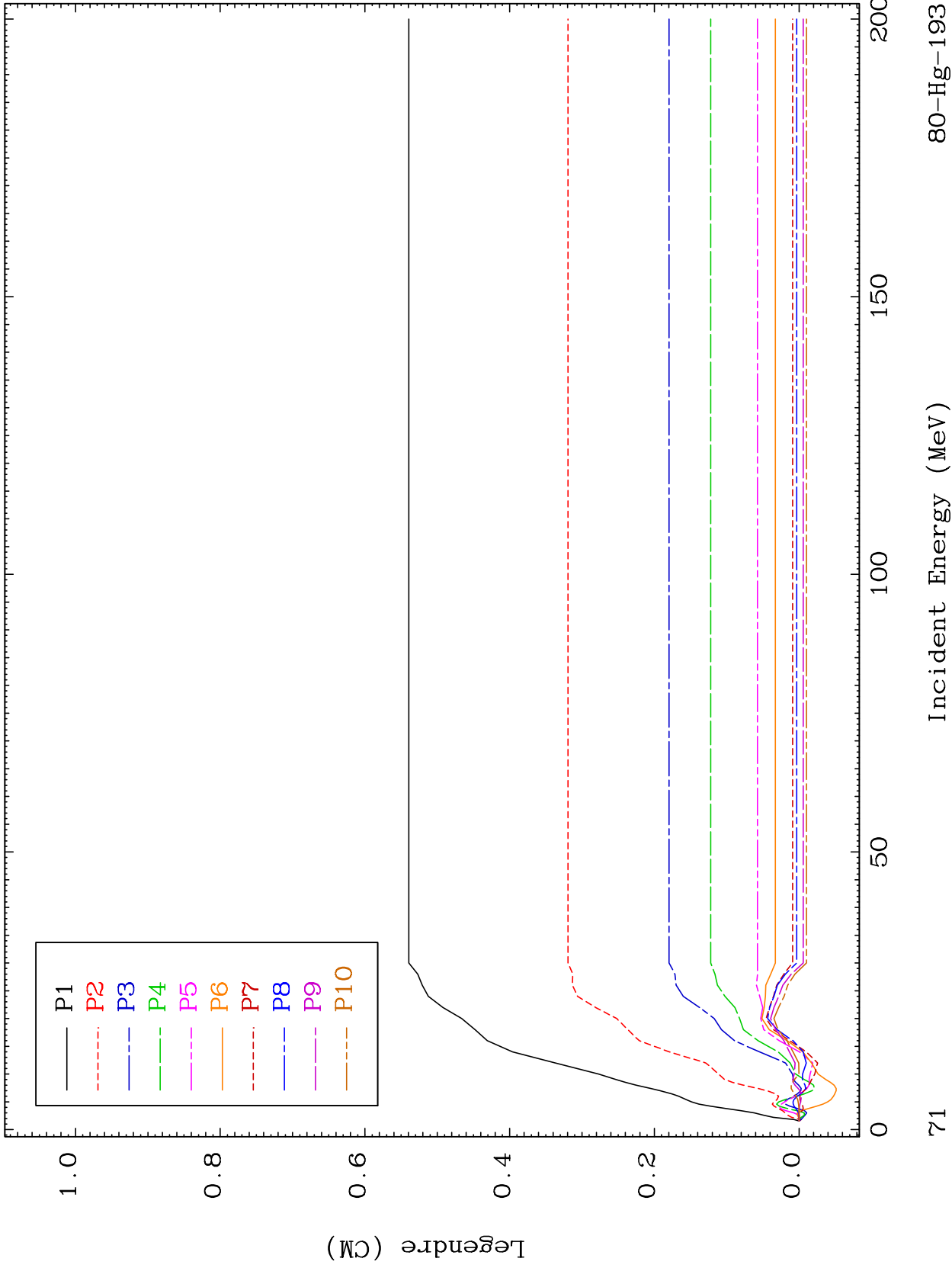
Incident Energy (MeV)

70

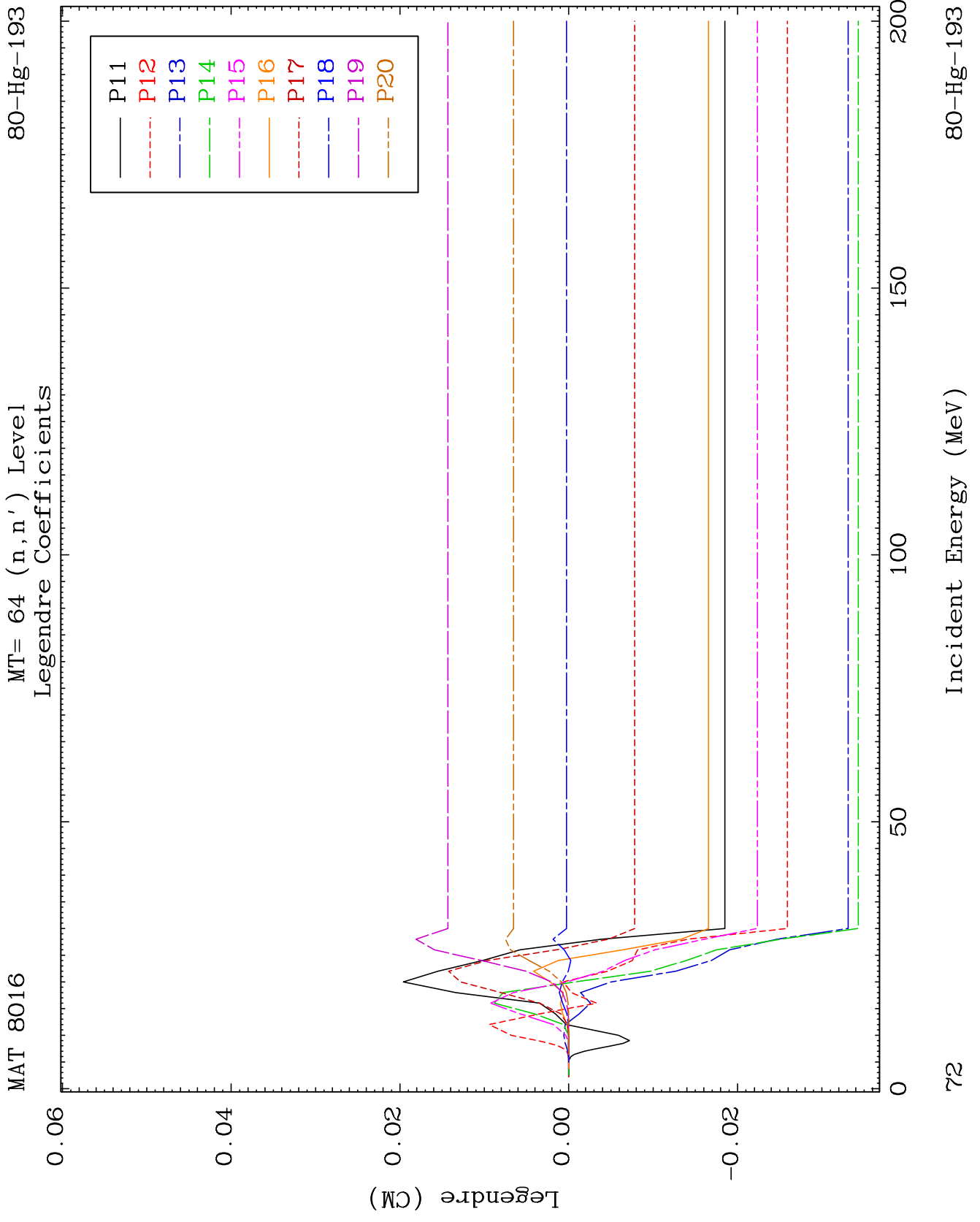
MAT 8016

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

80-Hg-193



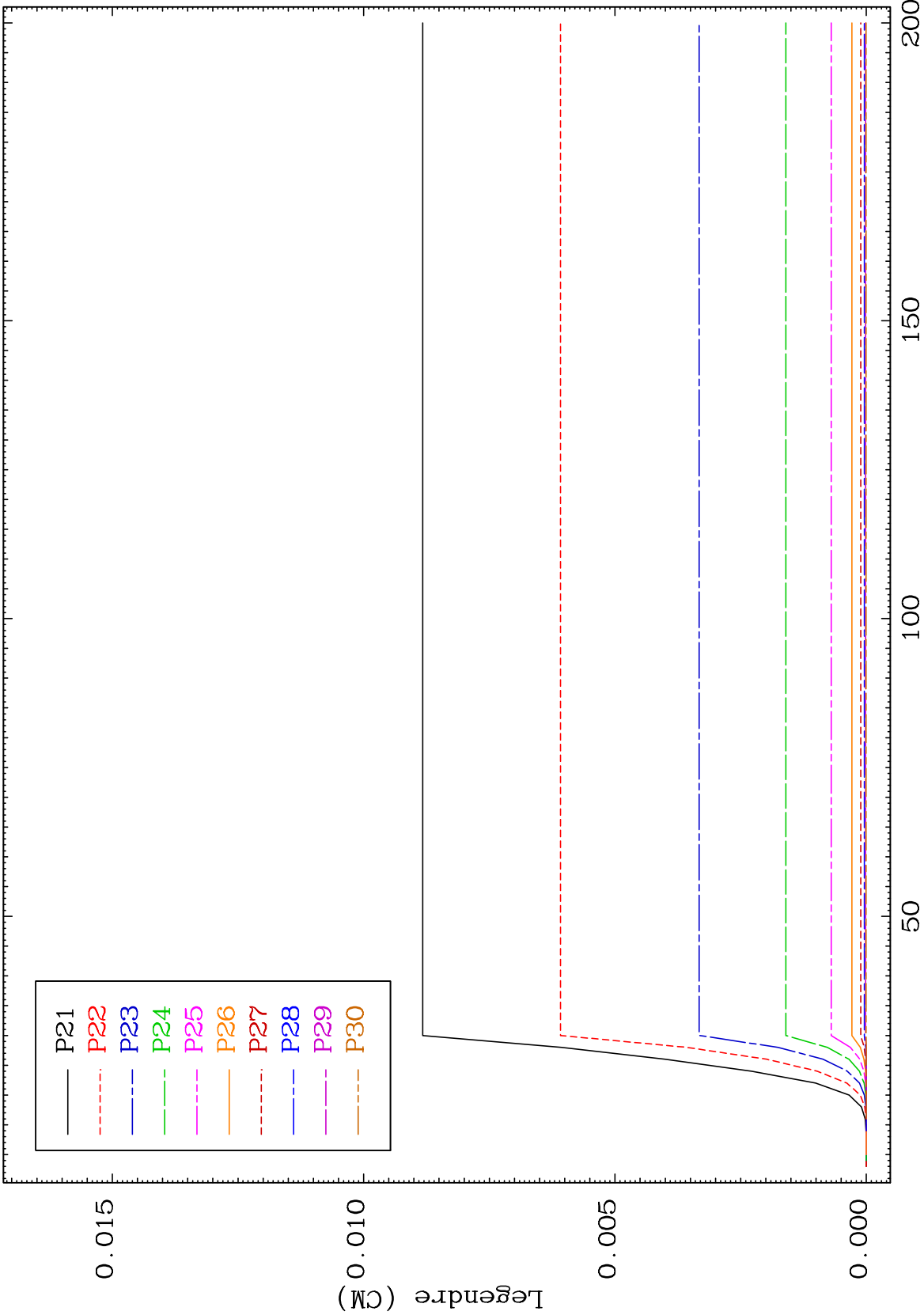




MAT 8016

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

80-Hg-193



73

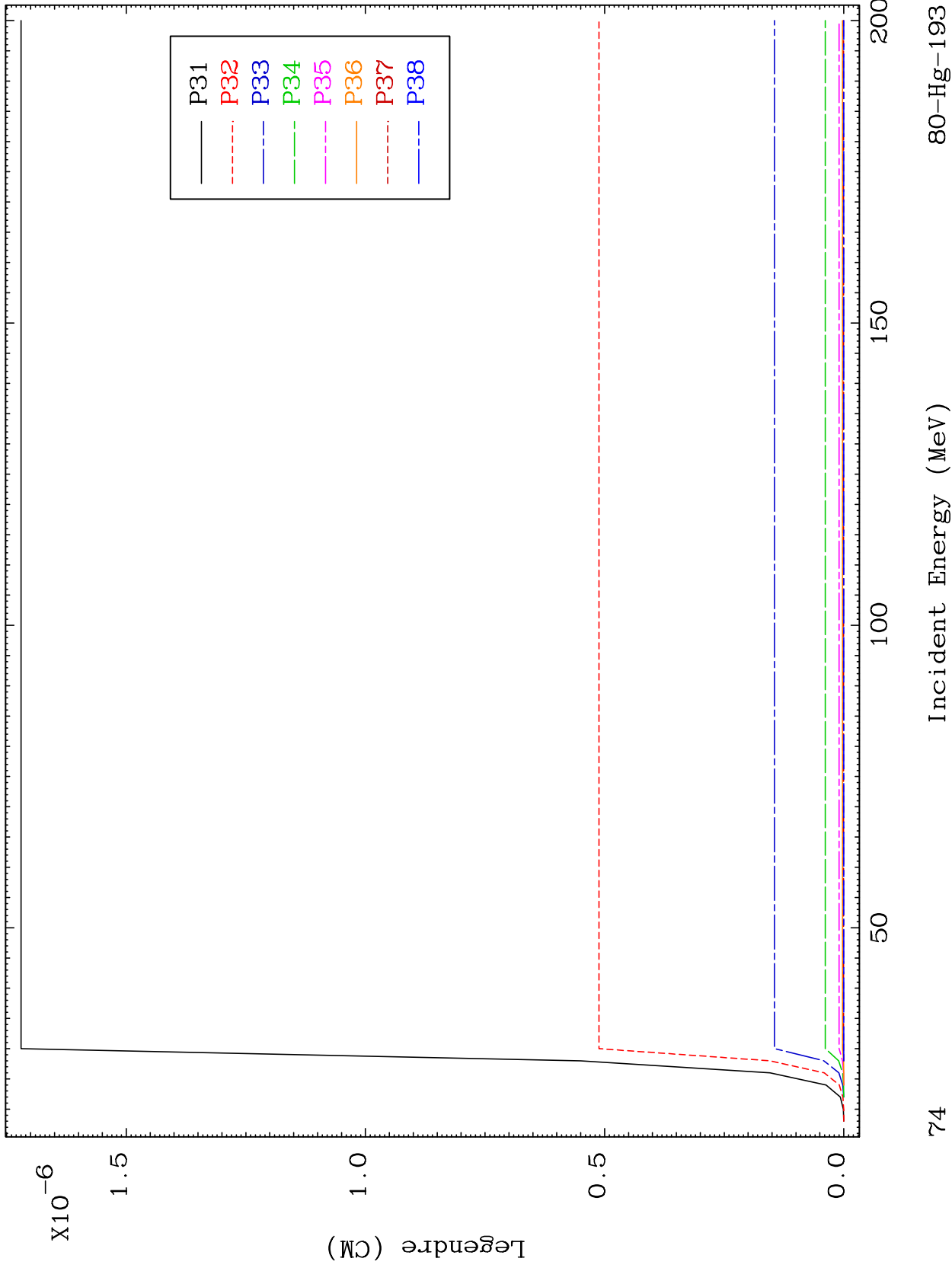
Incident Energy (MeV)

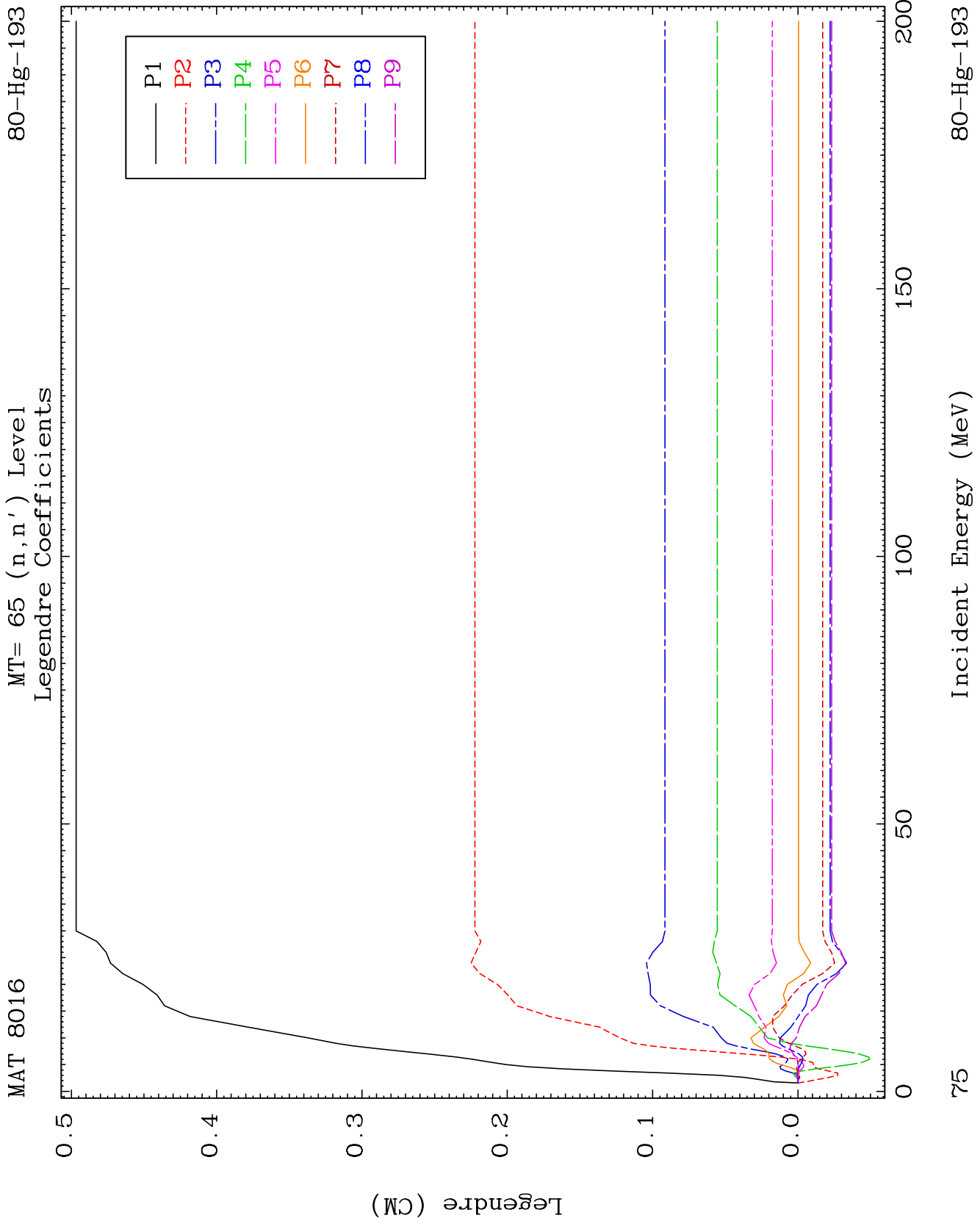
80-Hg-193

MAT 8016

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

80-Hg-193

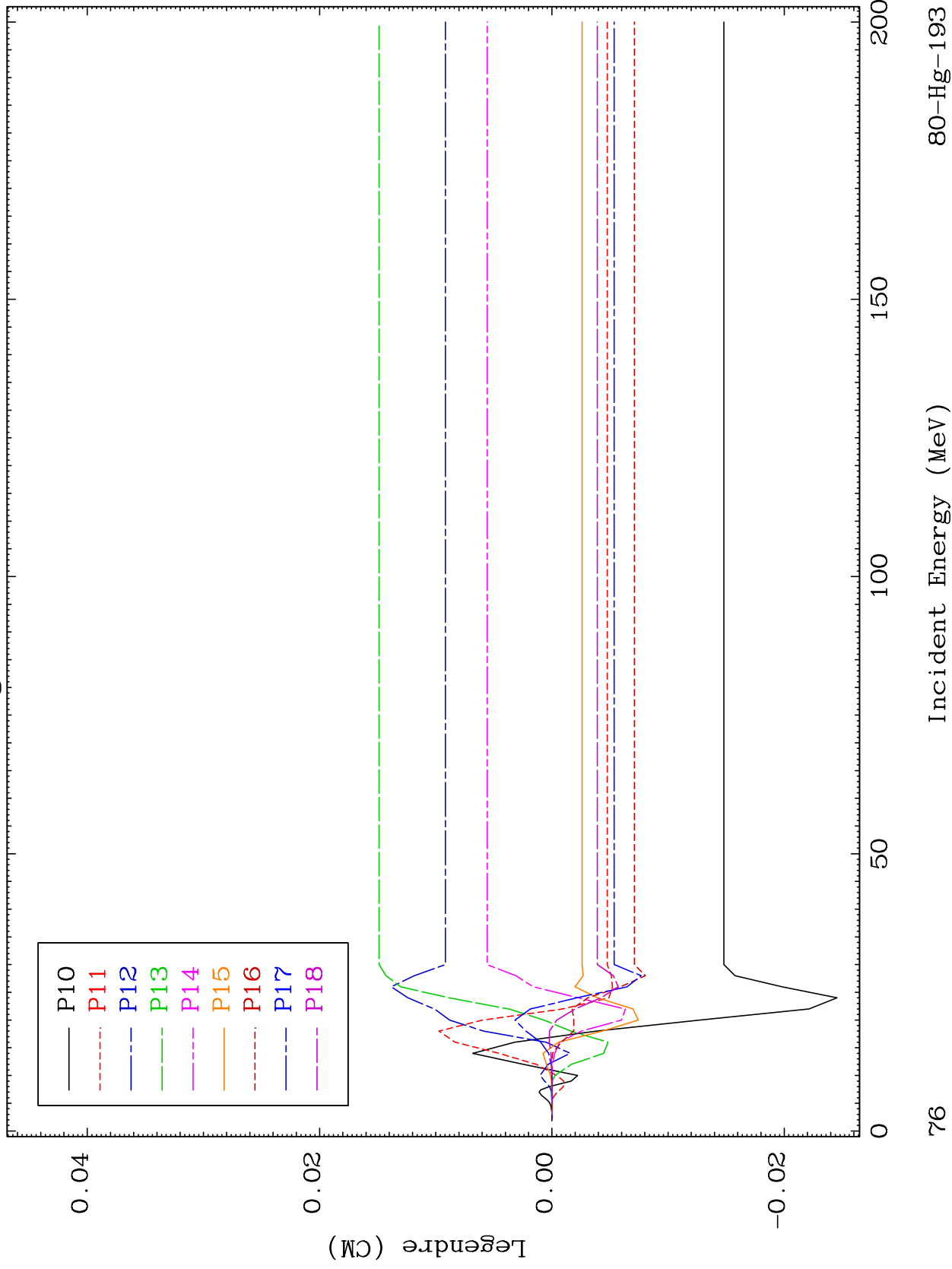




MAT 8016

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

80-Hg-193



76

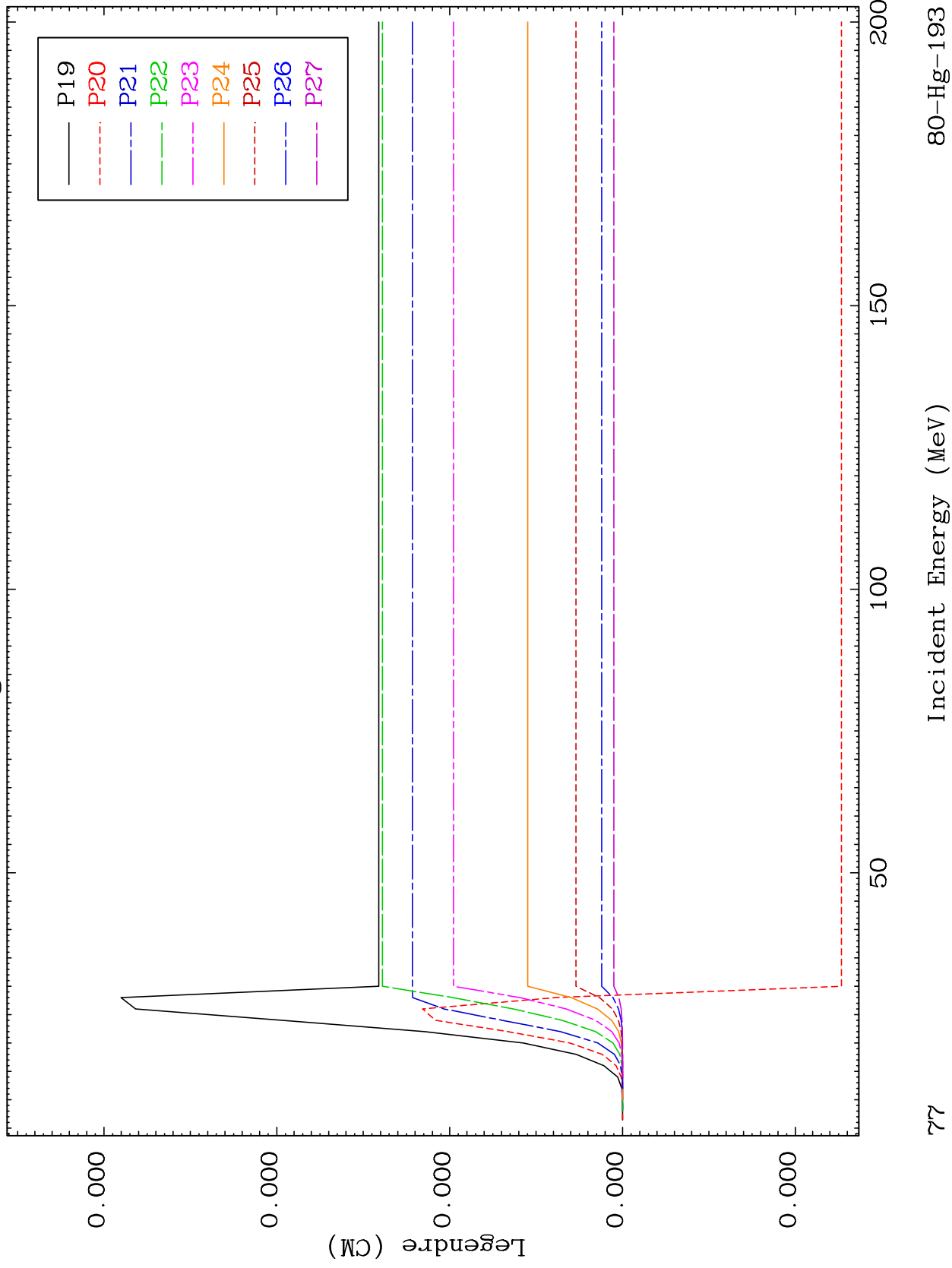
Incident Energy (MeV)

80-Hg-193

MAT 8016

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

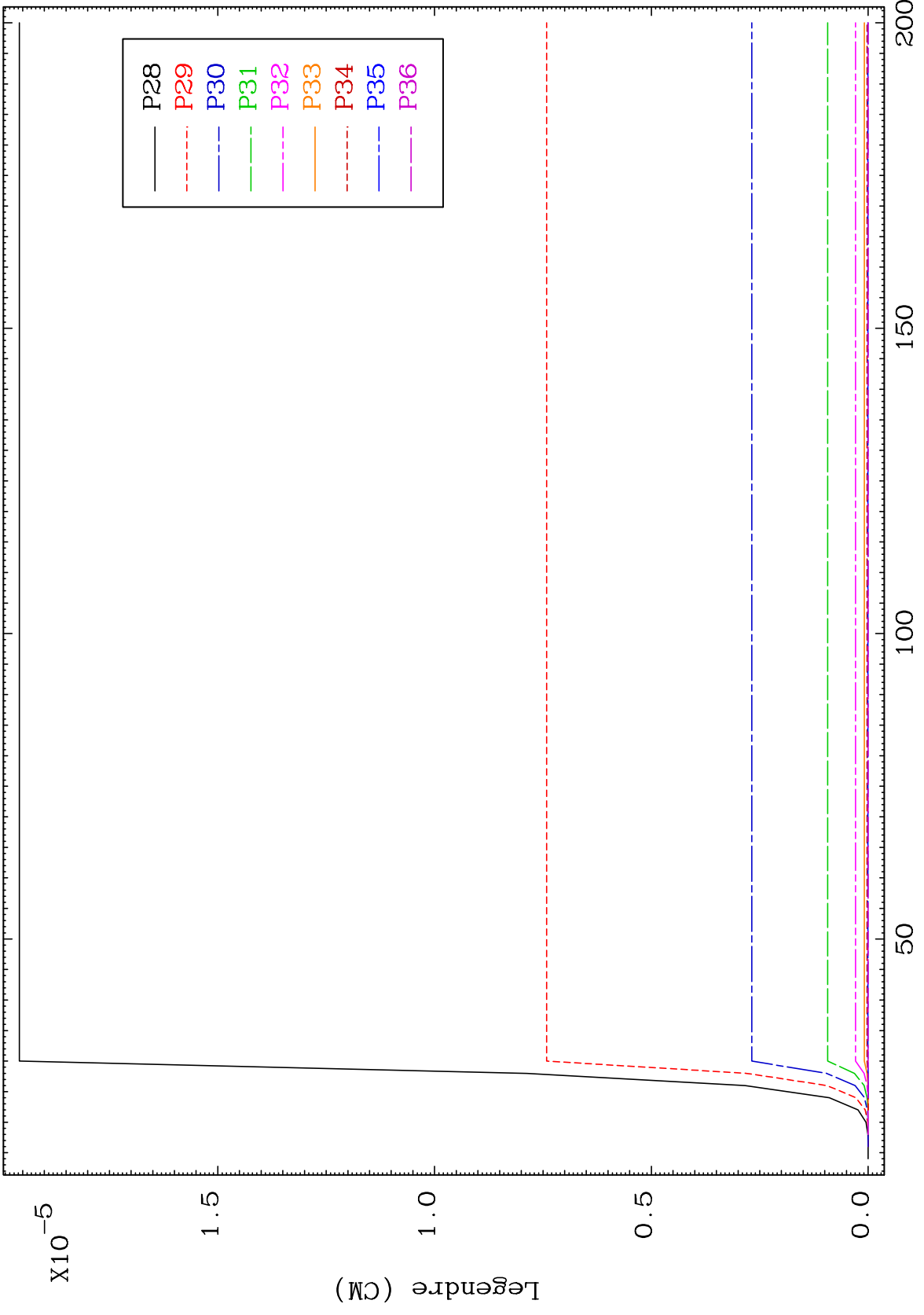
80-Hg-193



MAT 8016

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

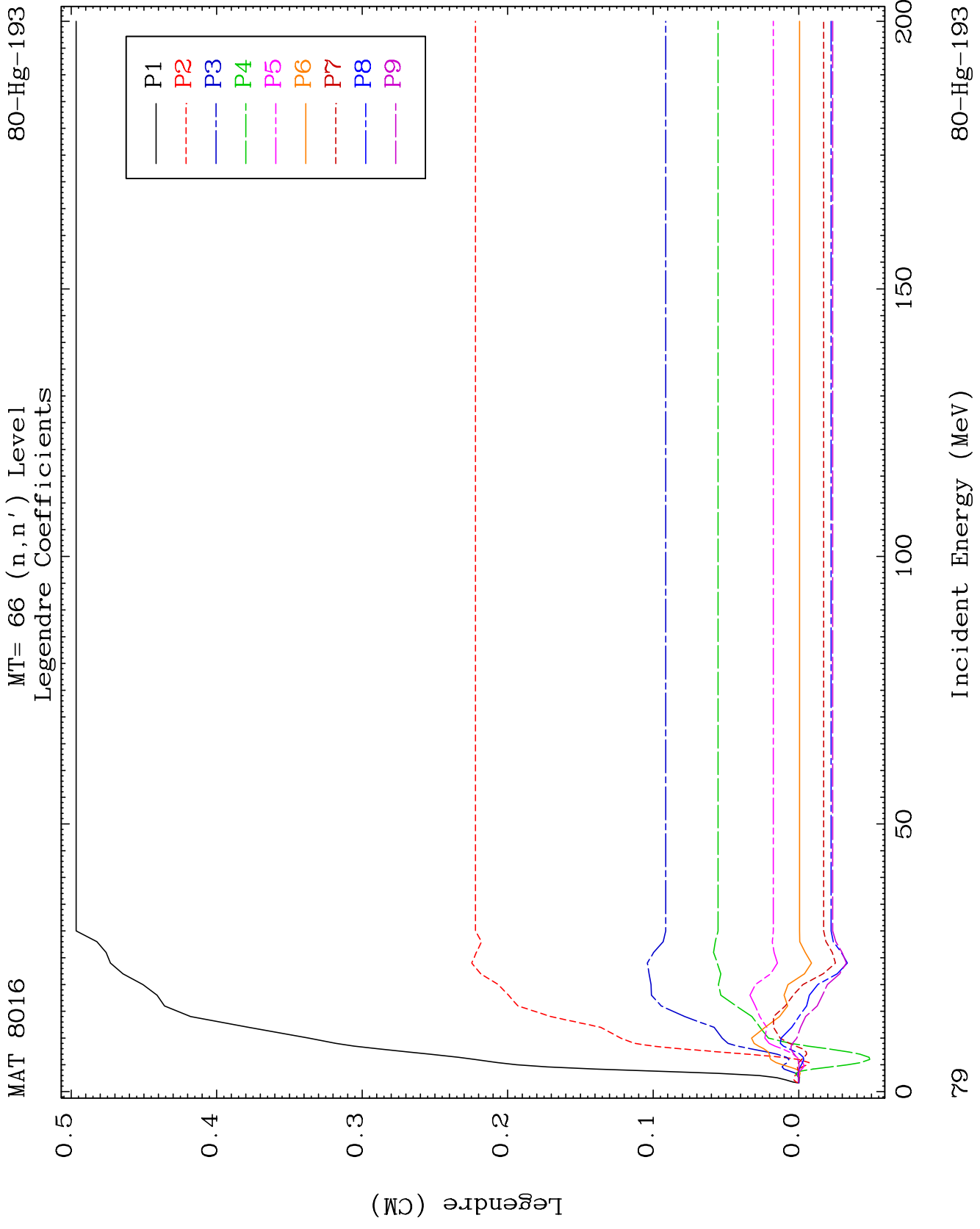
80-Hg-193



78

Incident Energy (MeV)

80-Hg-193



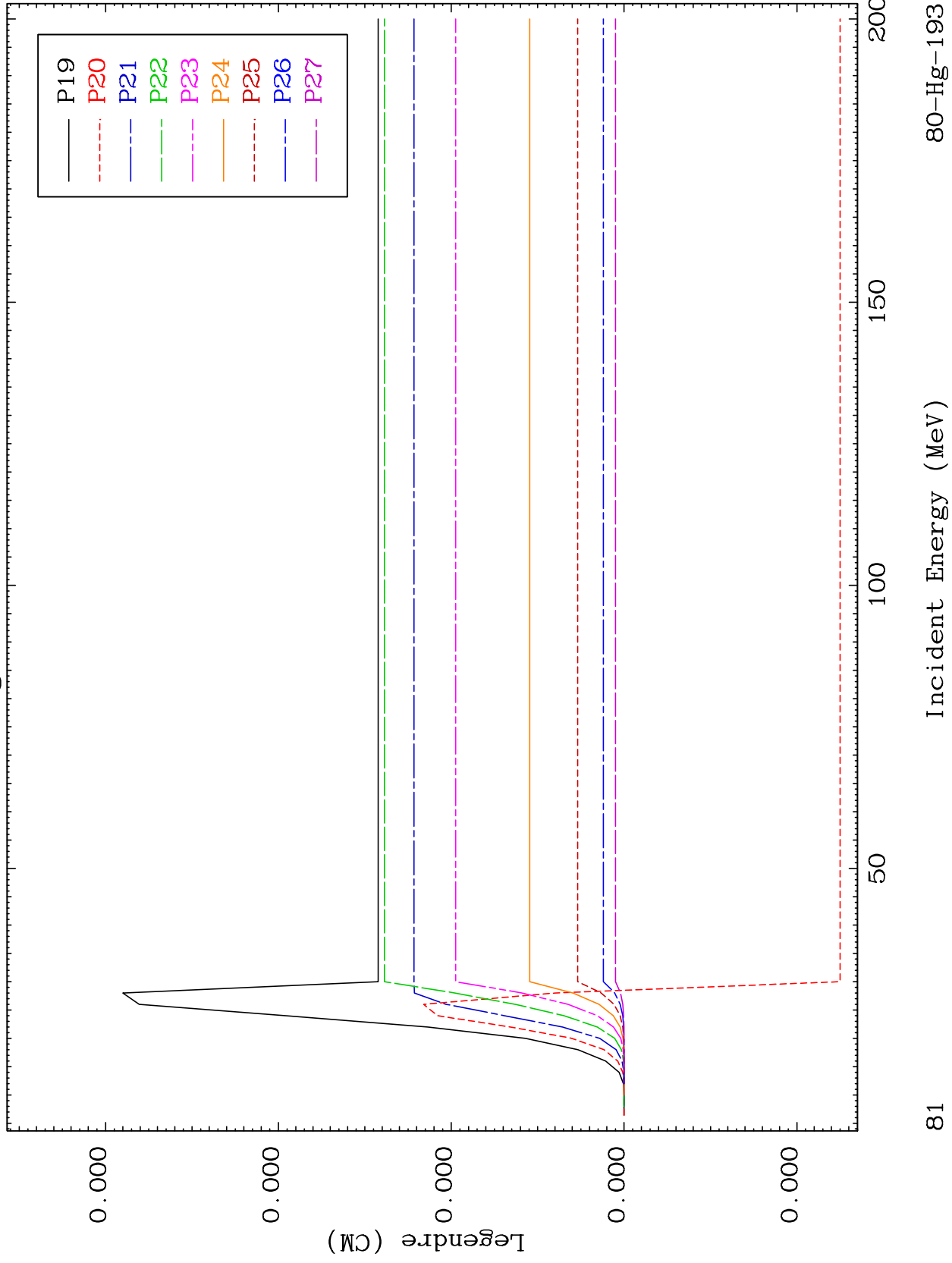




MAT 8016

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

80-Hg-193



81

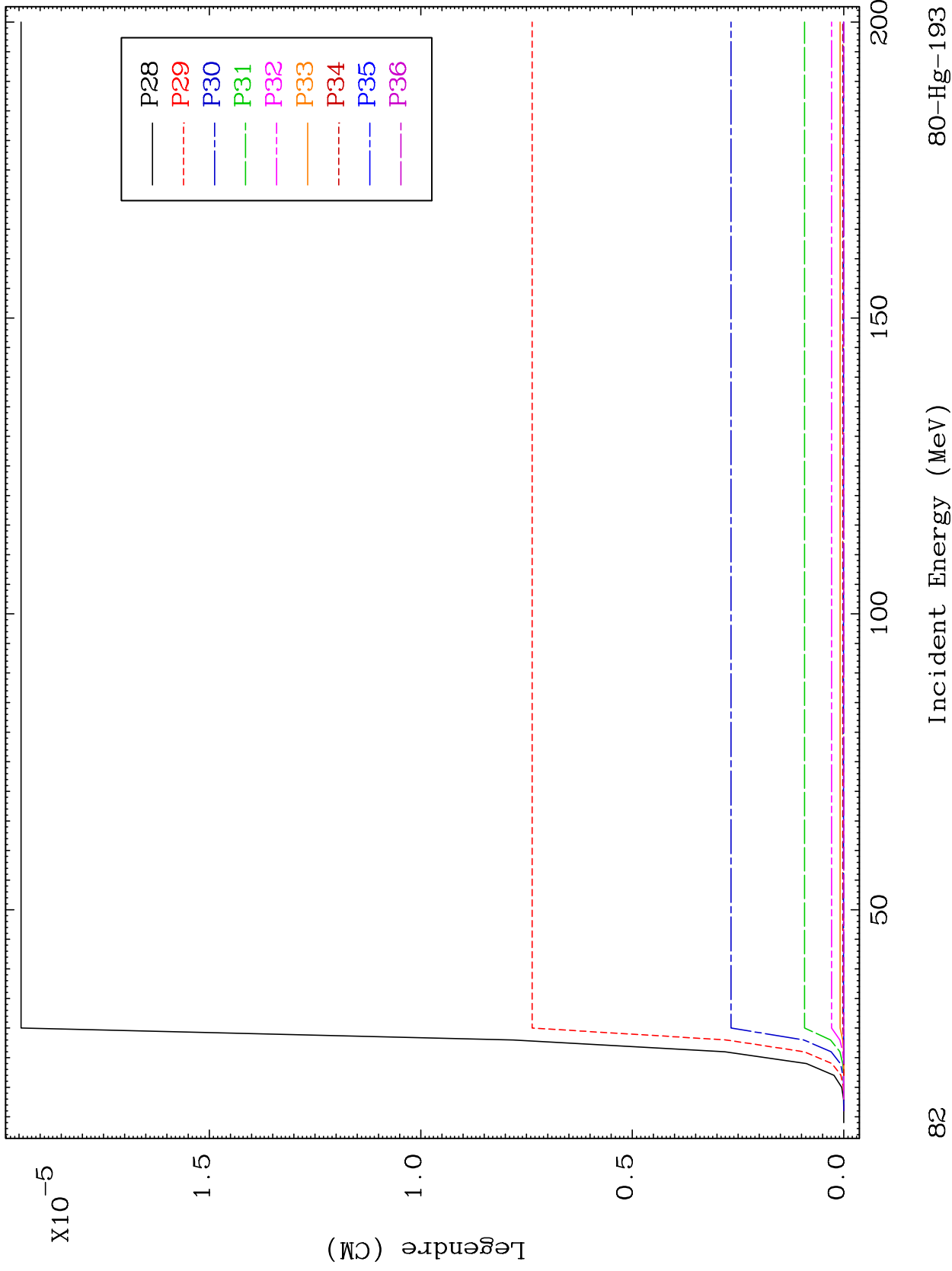
Incident Energy (MeV)

80-Hg-193

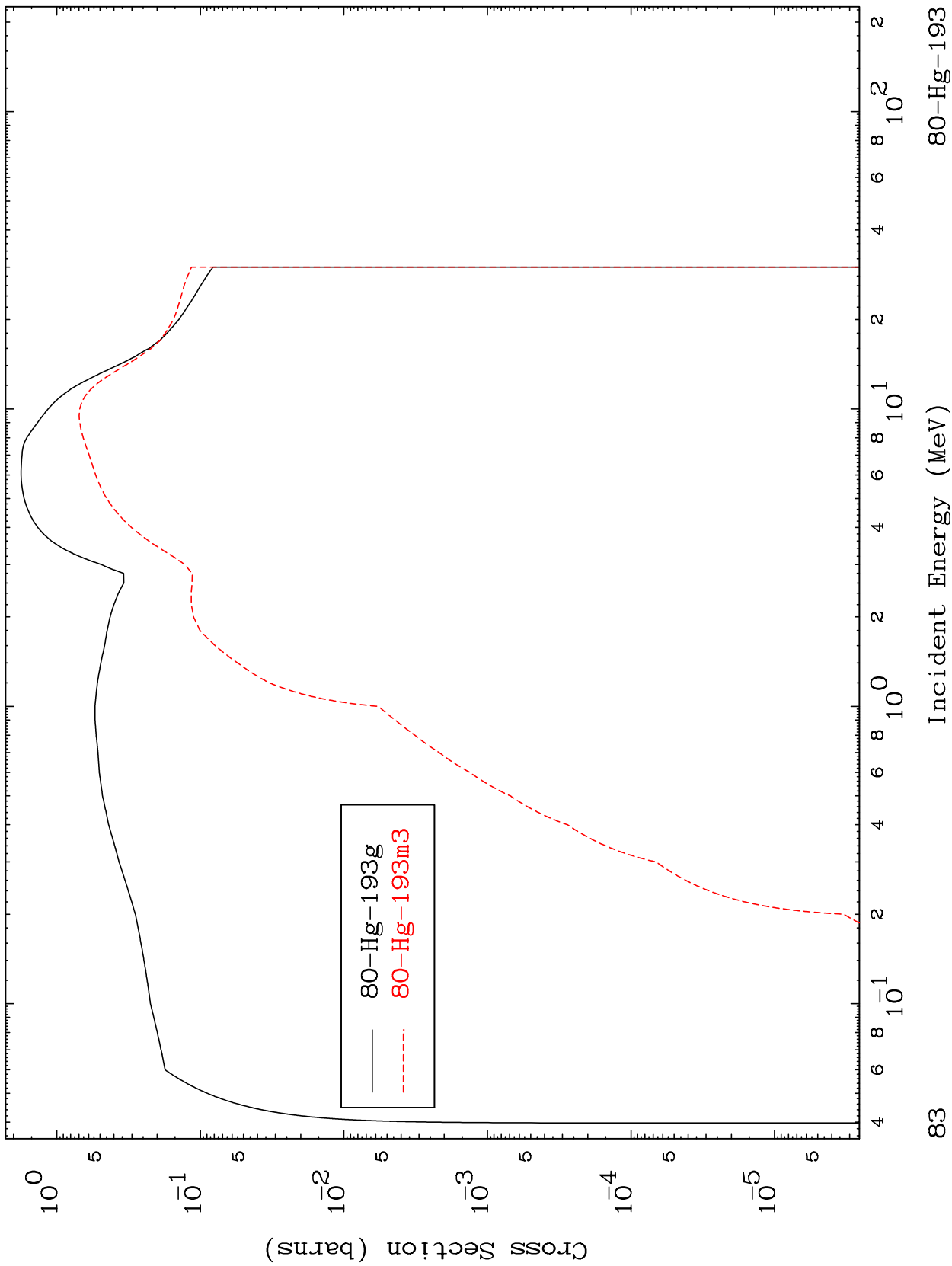
MAT 8016

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

80-Hg-193



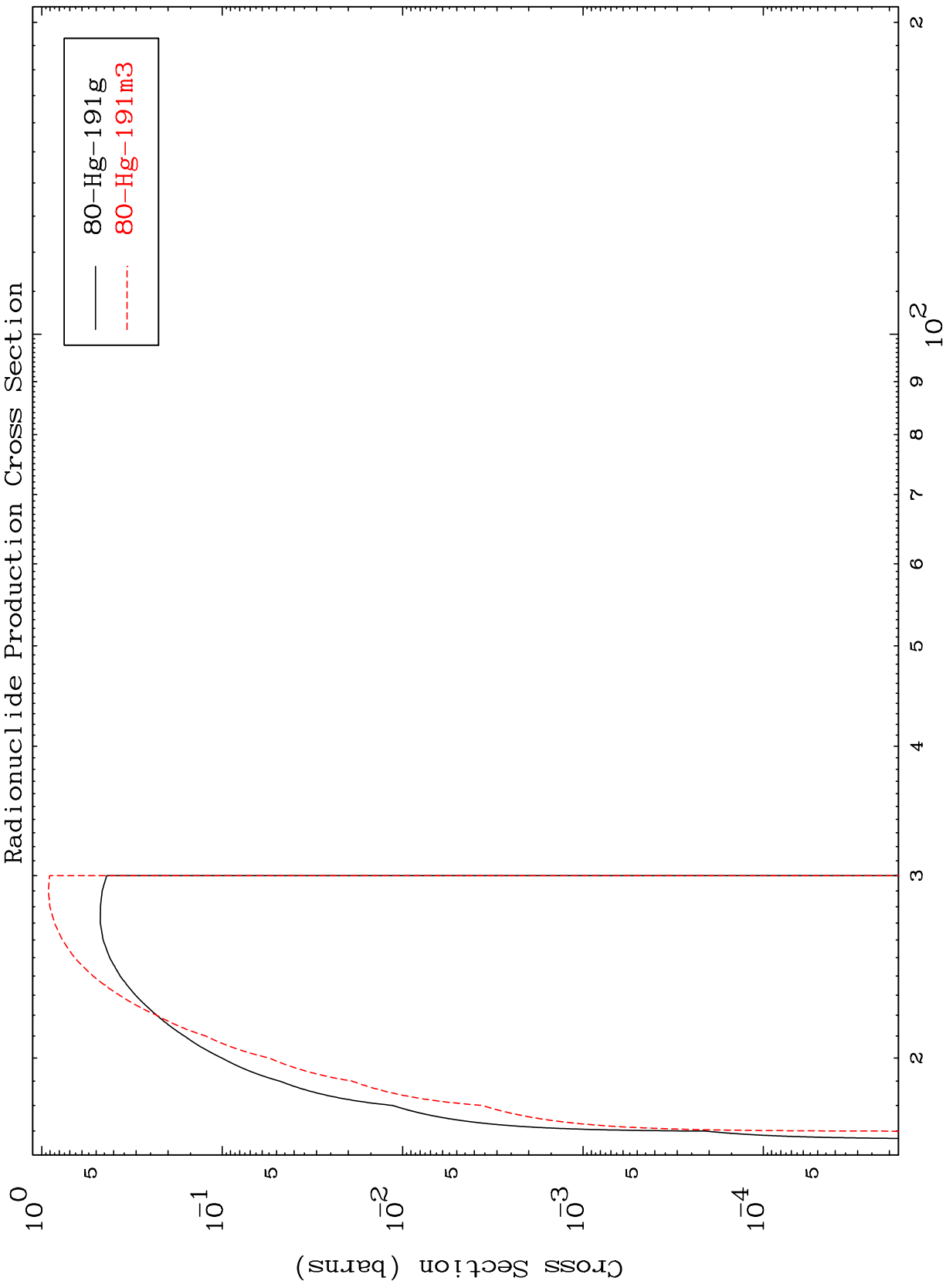
Inelastic  
Radionuclide Production Cross Section



MAT 8016

80-Hg-193

(n,3n)  
Radionuclide Production Cross Section



84

Incident Energy (MeV)

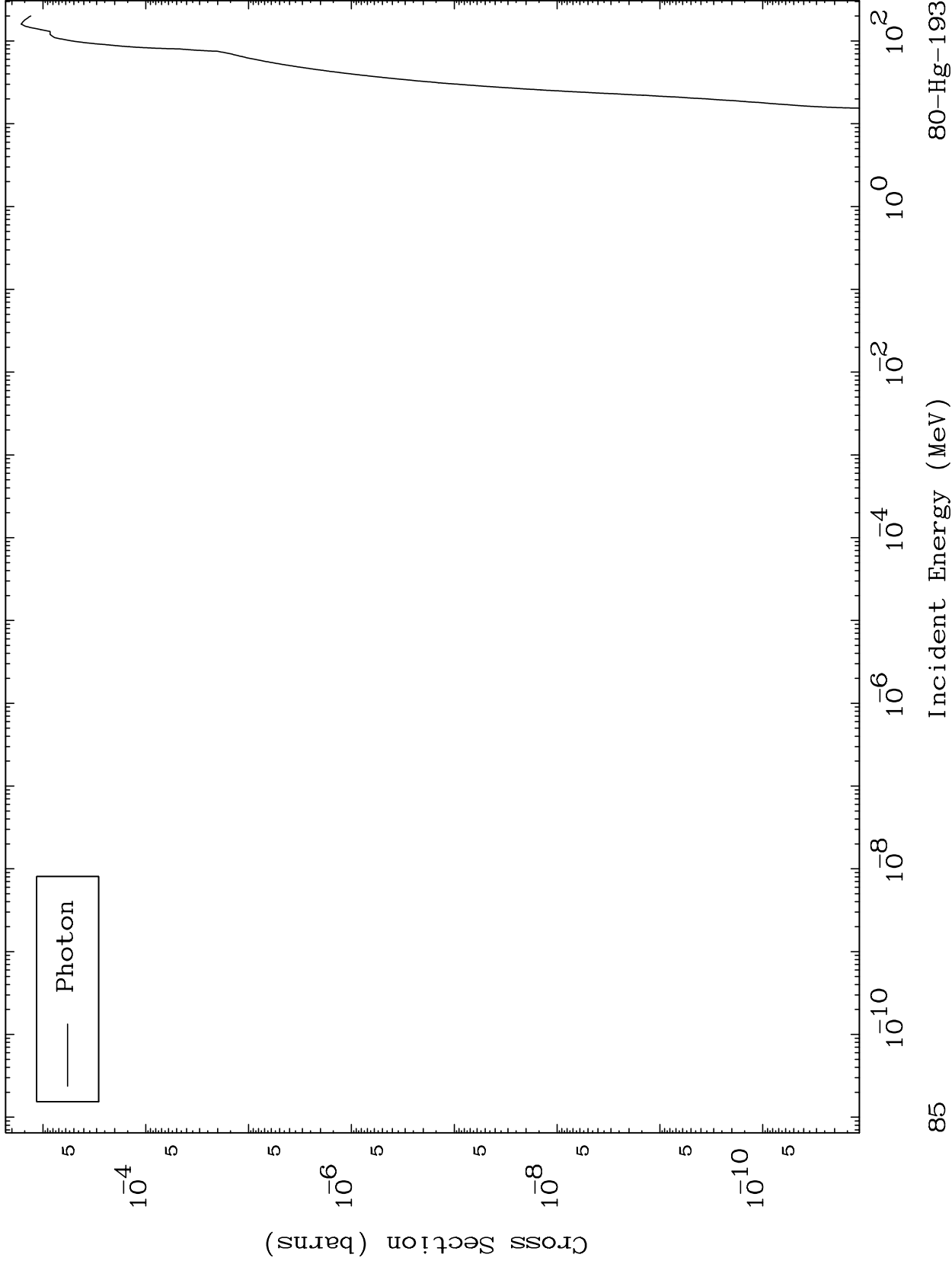
80-Hg-193

MAT 8016

Fission

80-Hg-193

Radionuclide Production Cross Section



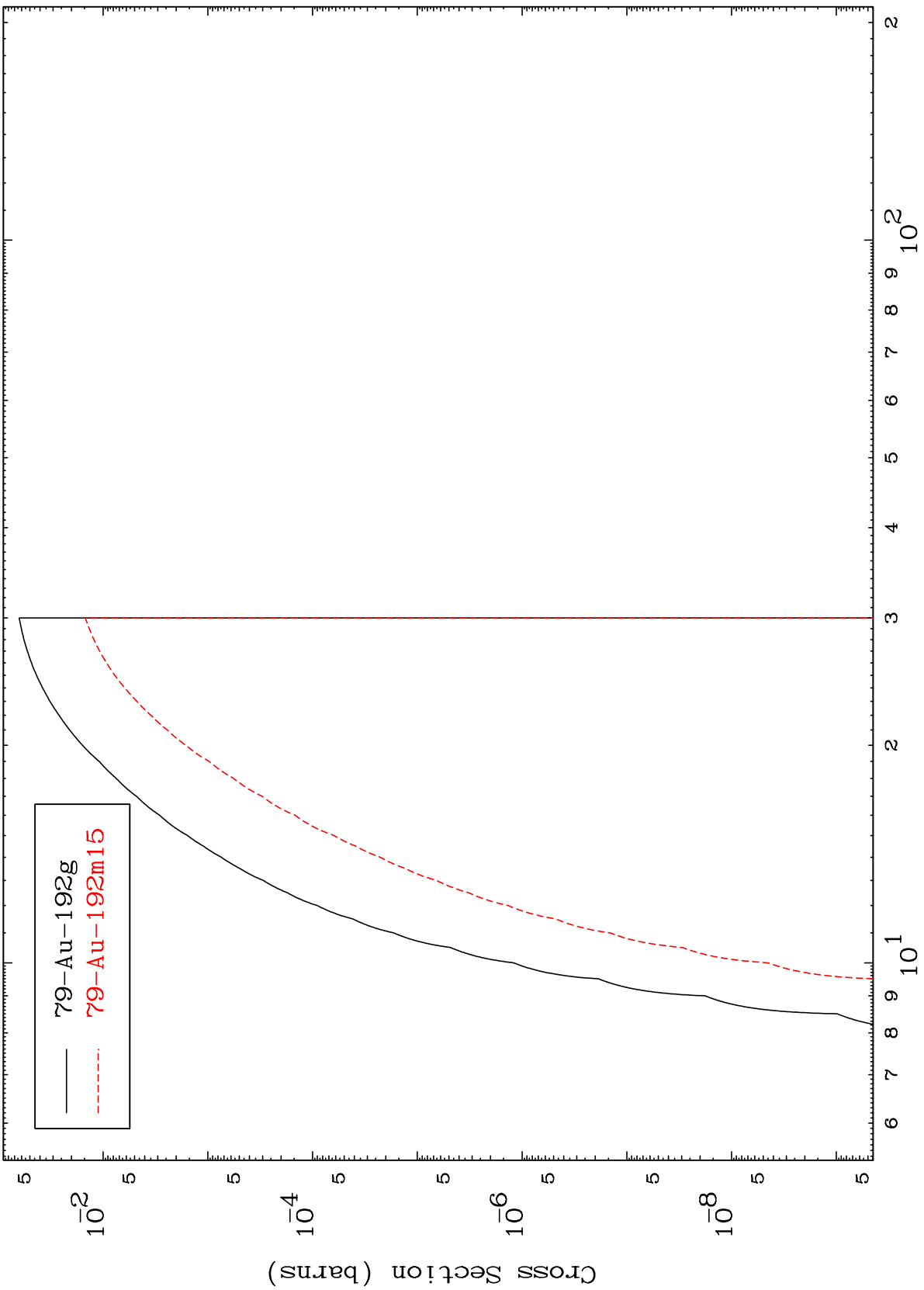
85

MAT 8016

(n,n') p

80-Hg-193

Radionuclide Production Cross Section



—  $^{79}\text{Au-192g}$   
- - -  $^{79}\text{Au-192m15}$

86

Incident Energy (MeV)

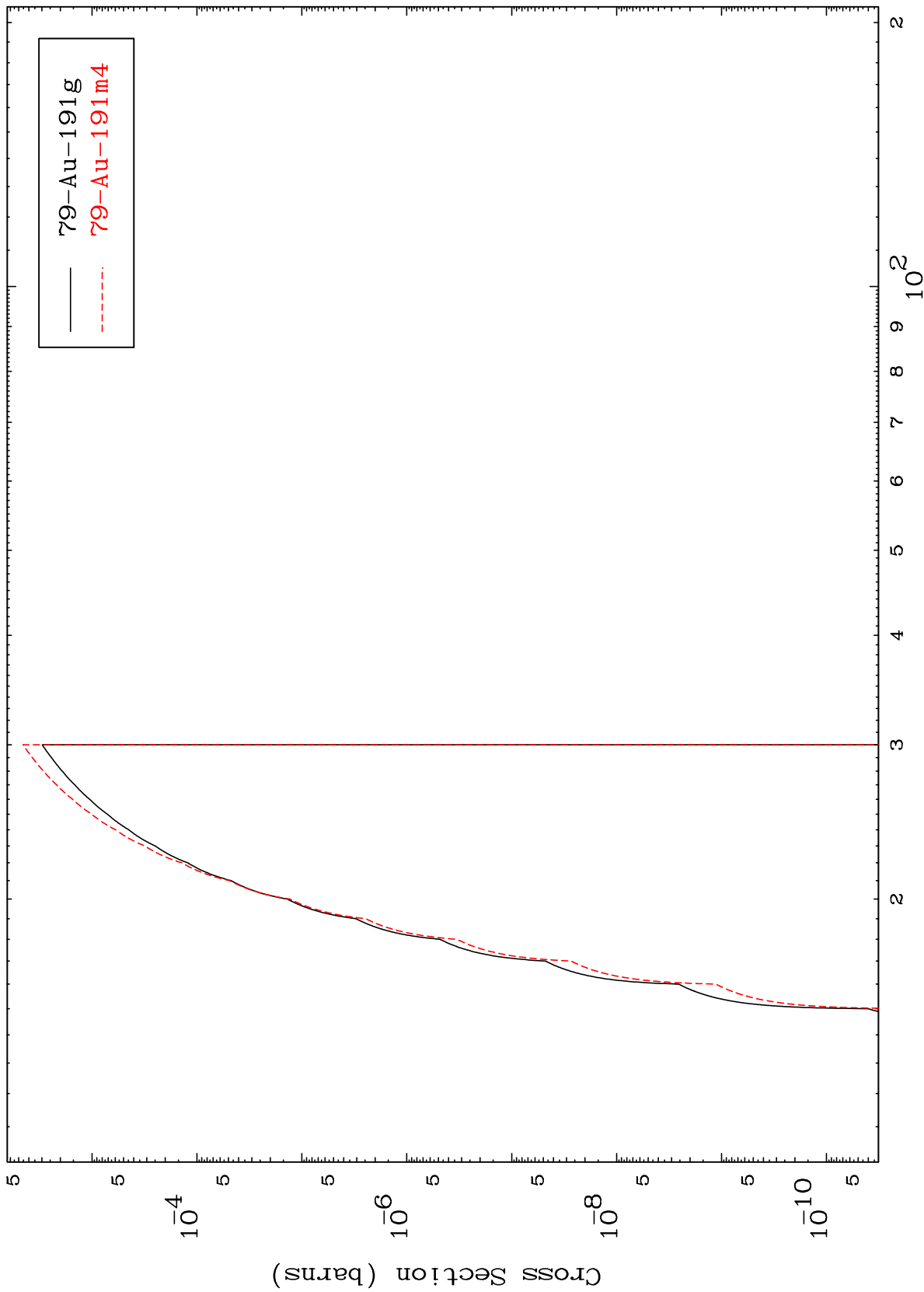
80-Hg-193

MAT 8016

(n,n') d

80-Hg-193

Radionuclide Production Cross Section



87

Incident Energy (MeV)

80-Hg-193

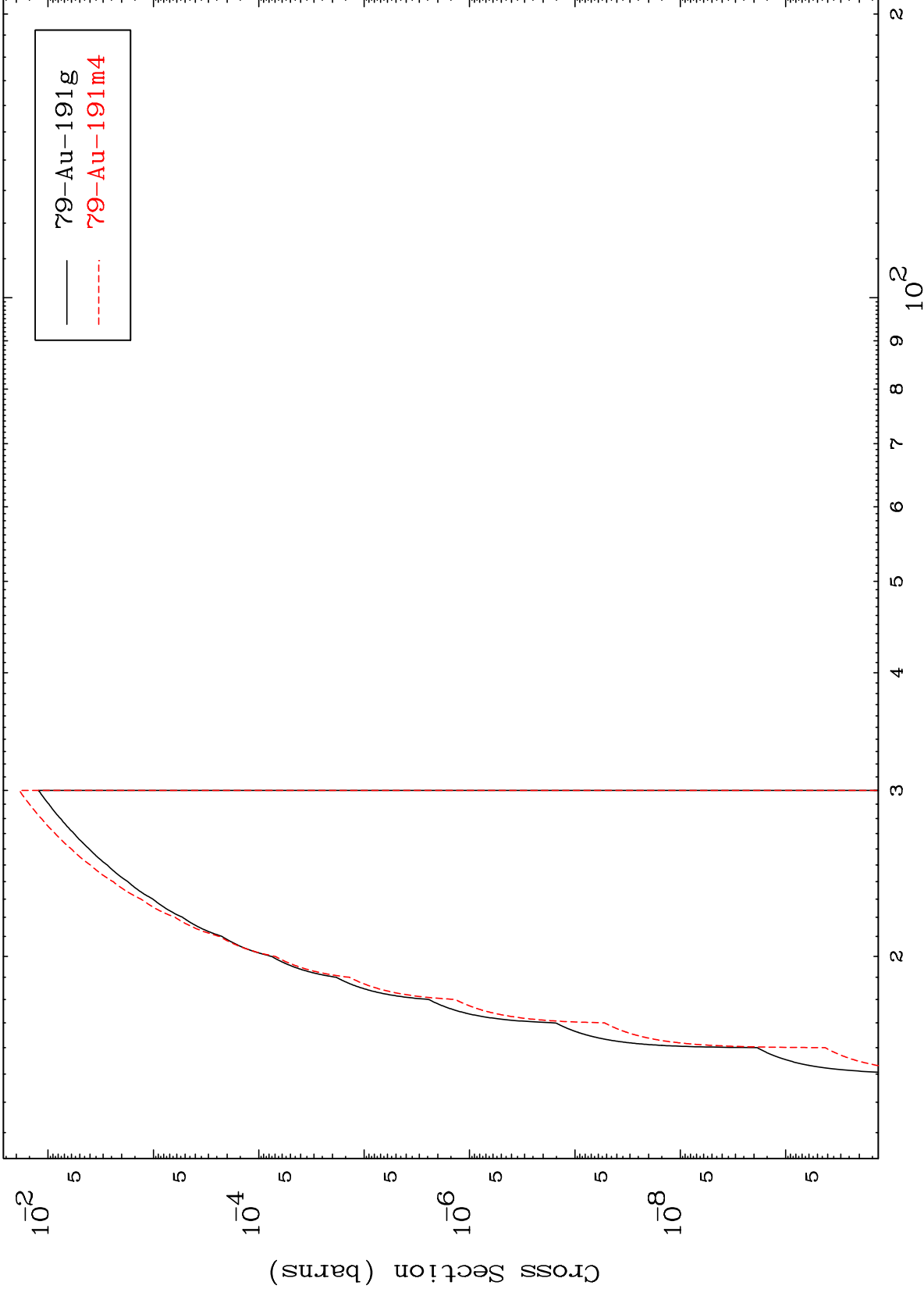


MAT 8016

(n,2n) p

80-Hg-193

Radionuclide Production Cross Section



79-Au-191g  
79-Au-191m4

88

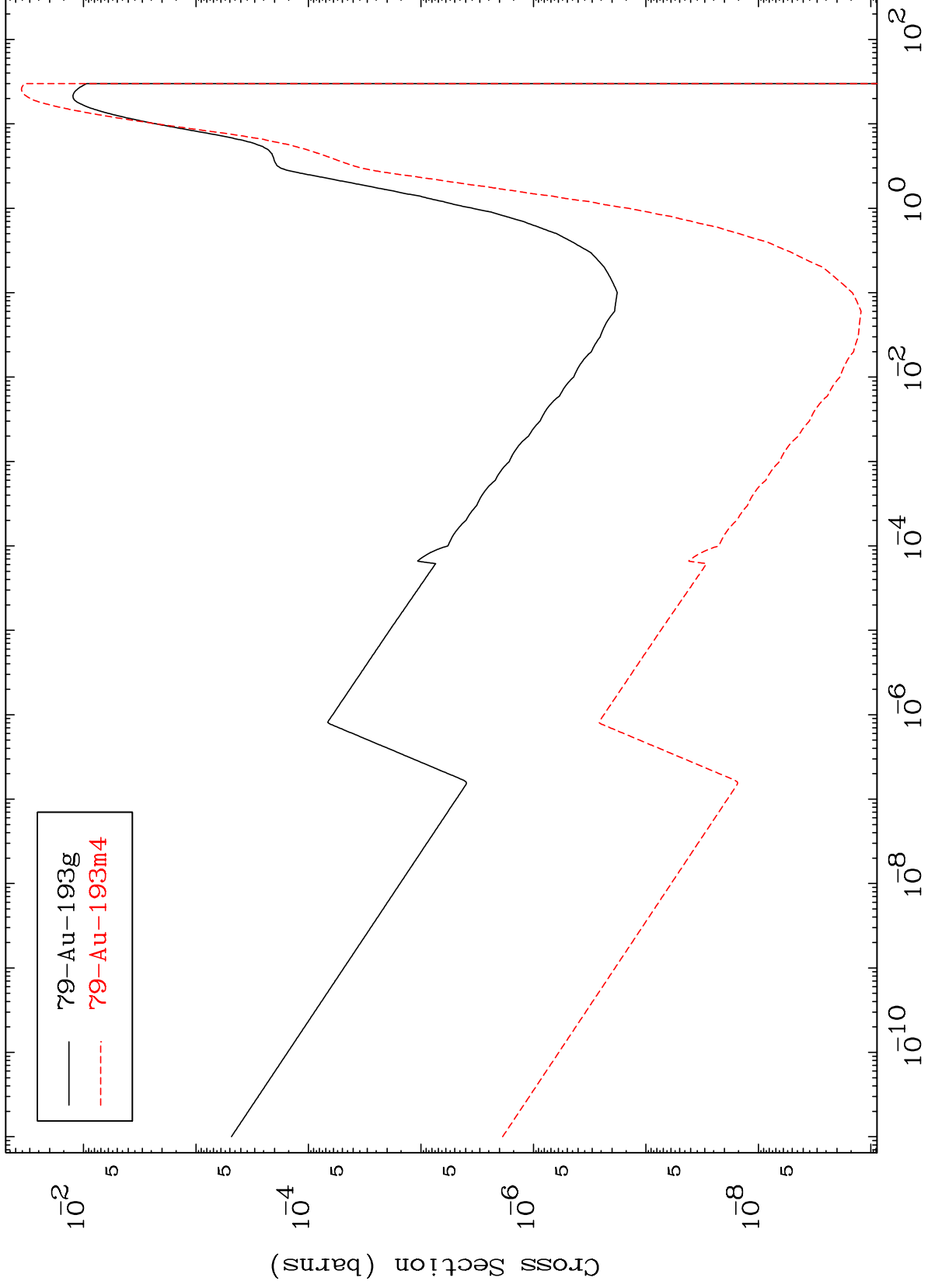
Incident Energy (MeV)

80-Hg-193

MAT 8016

(n,p)  
Radionuclide Production Cross Section

80-Hg-193



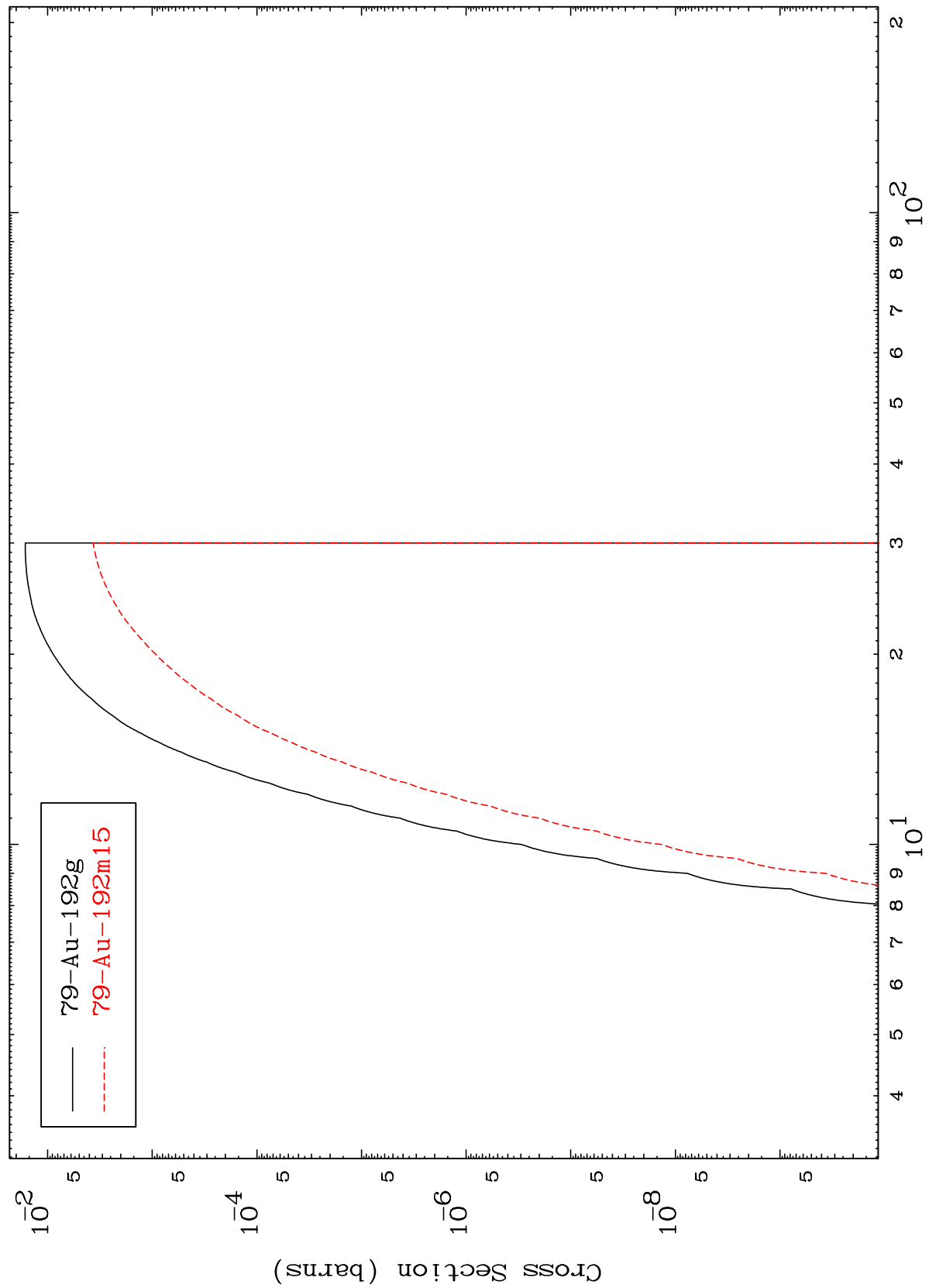
89

80-Hg-193

MAT 8016

80-Hg-193

(n,d)  
Radionuclide Production Cross Section



90

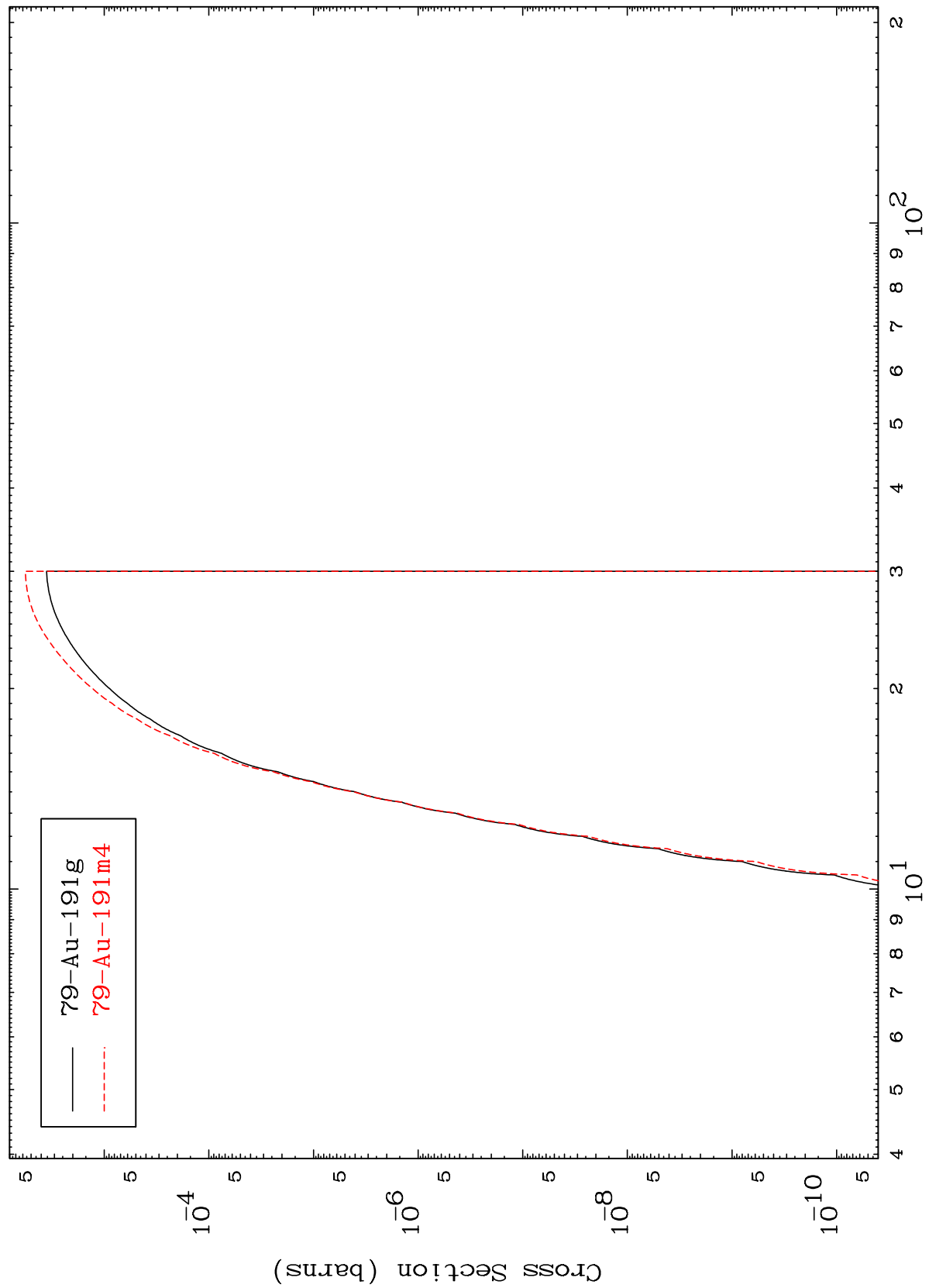
Incident Energy (MeV)

80-Hg-193

MAT 8016

80-Hg-193

(n, t)  
Radionuclide Production Cross Section



91

Incident Energy (MeV)

80-Hg-193