

Program EVALPLOT  
(Version 2018-1)

by

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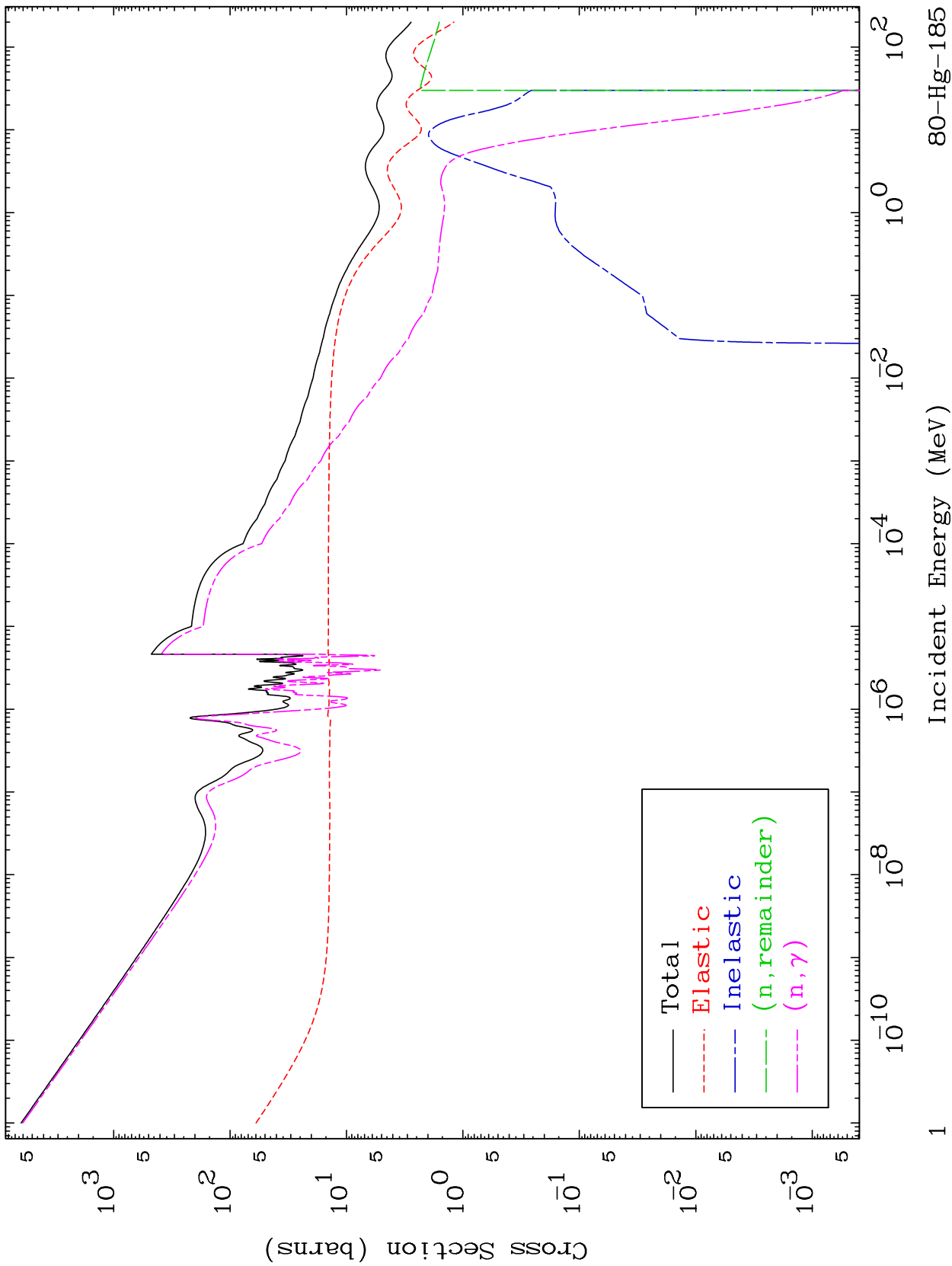
Press Mouse Button to Start

MAT 7992

Major

293 Kelvin Cross Sections

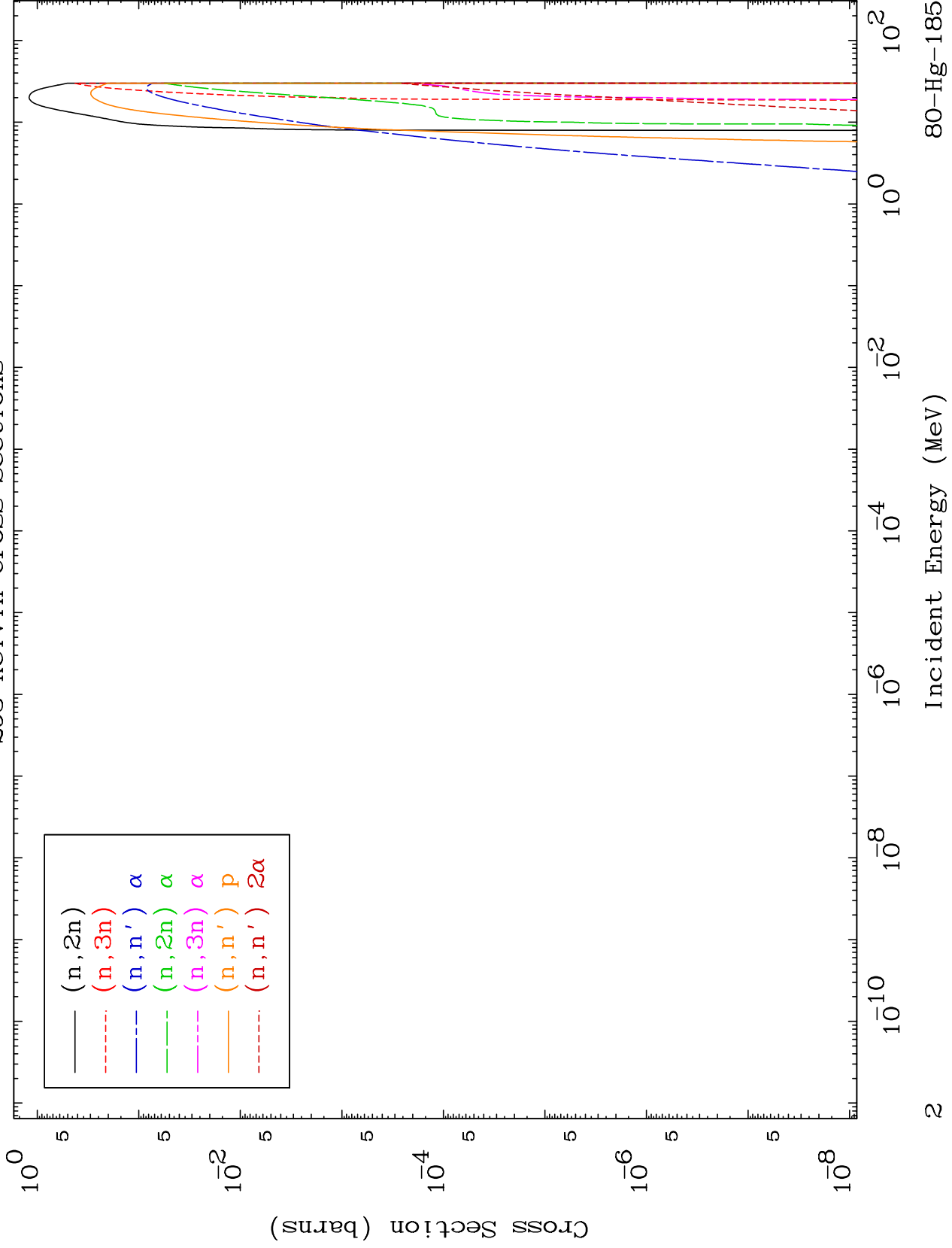
80-Hg-185



MAT 7992

Neutron Production  
293 Kelvin Cross Sections

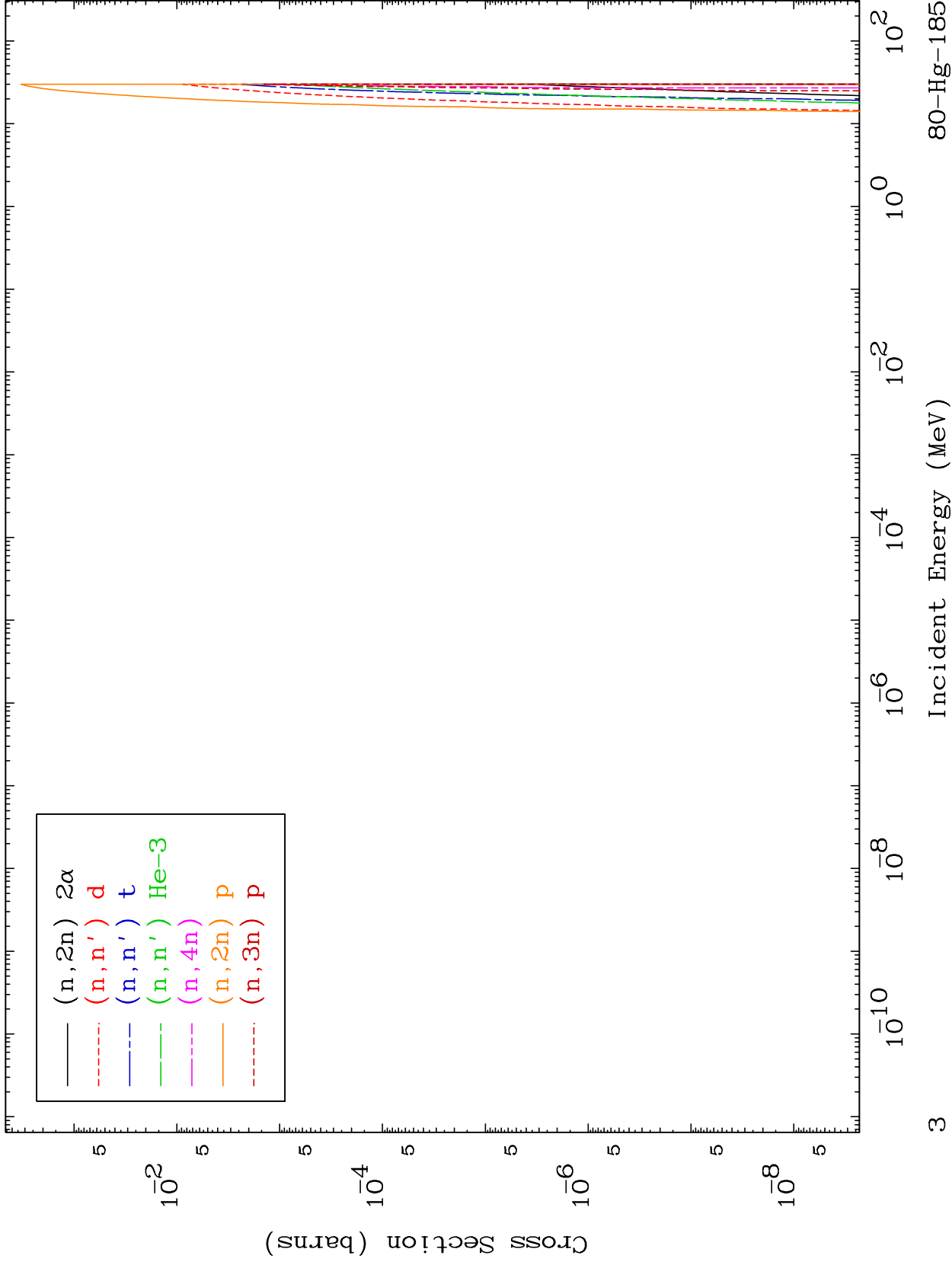
80-Hg-185



MAT 7992

Neutron Production  
293 Kelvin Cross Sections

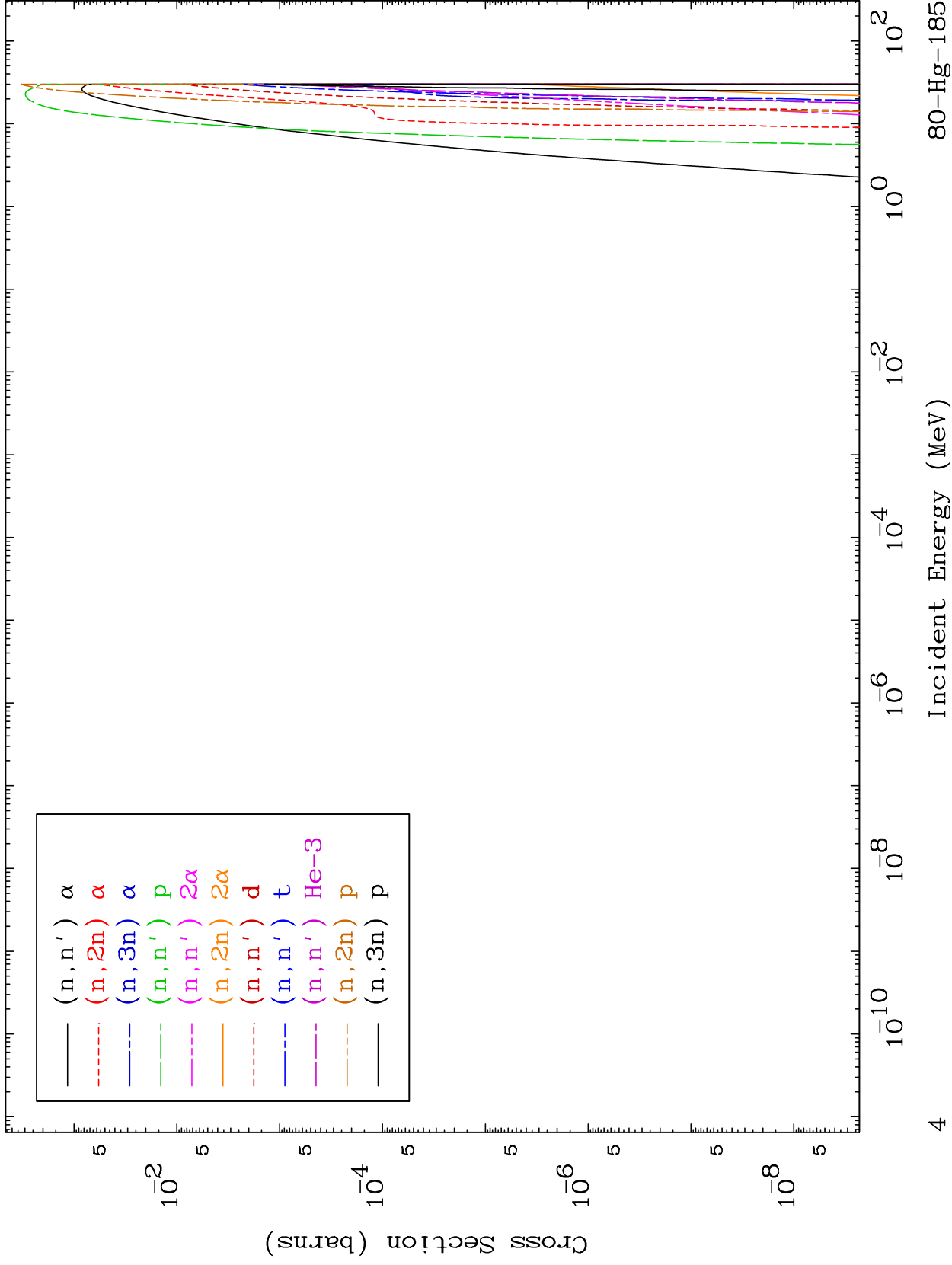
80-Hg-185



MAT 7992

Charged Particle  
293 Kelvin Cross Sections

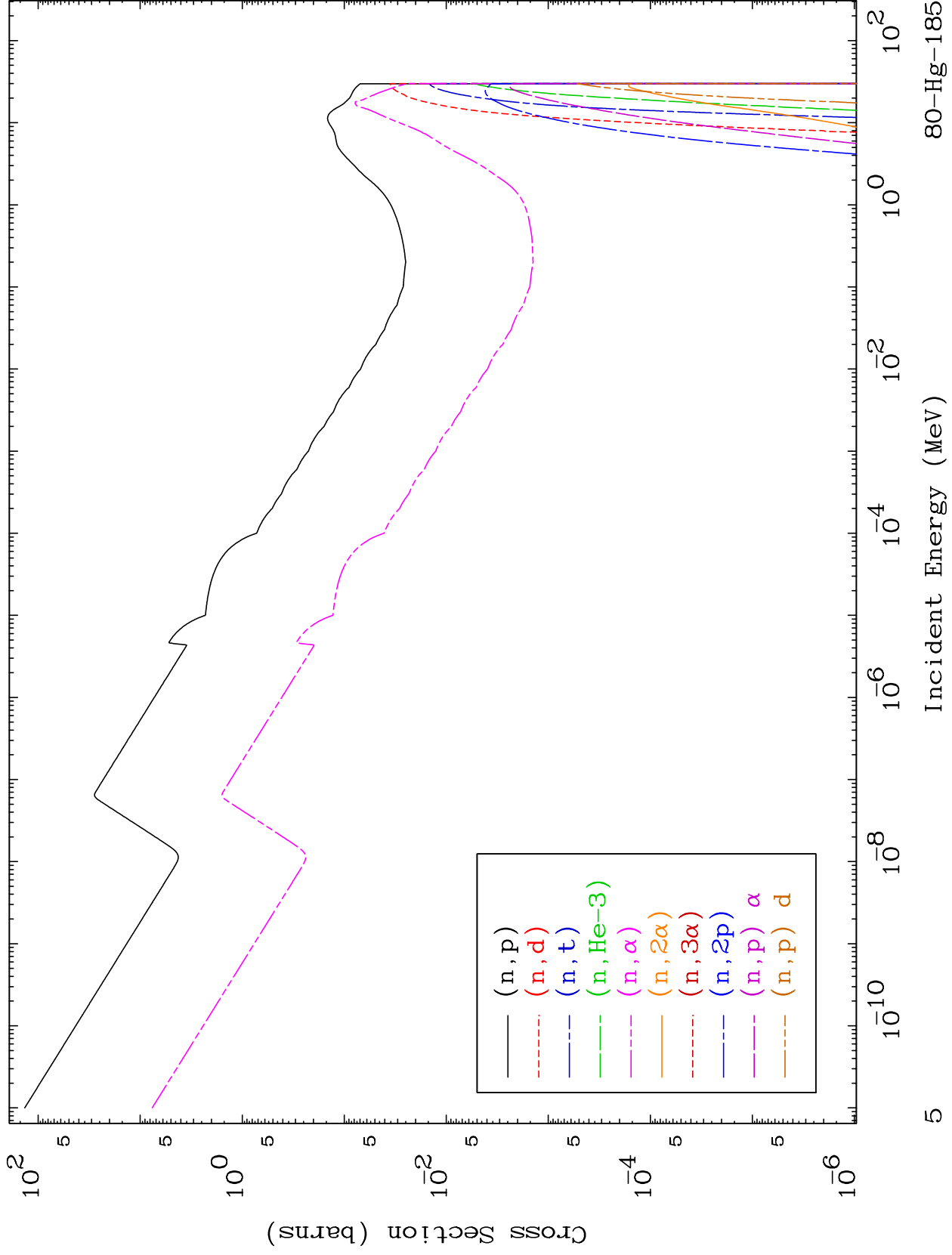
80-Hg-185



MAT 7992

Charged Particle  
293 Kelvin Cross Sections

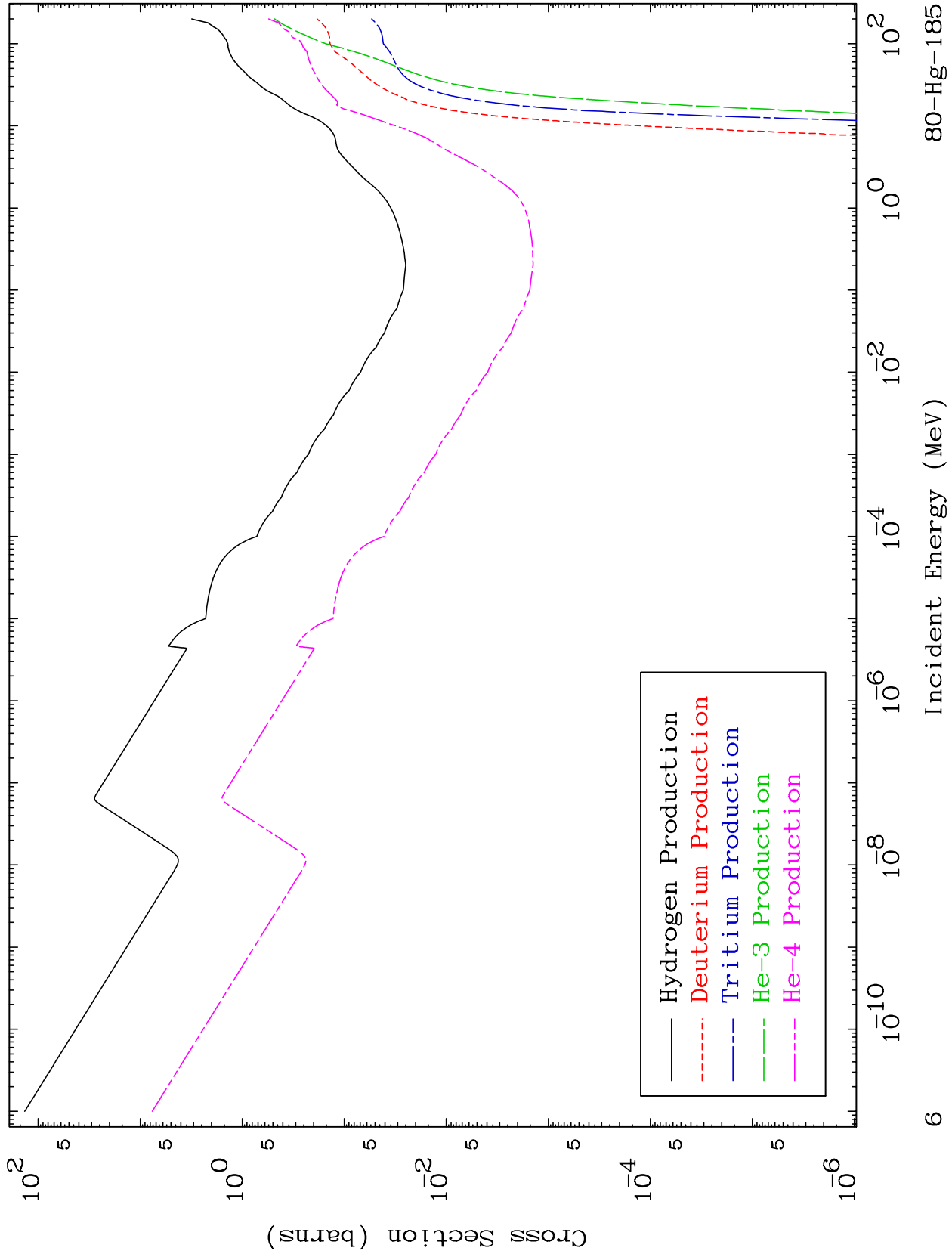
80-Hg-185

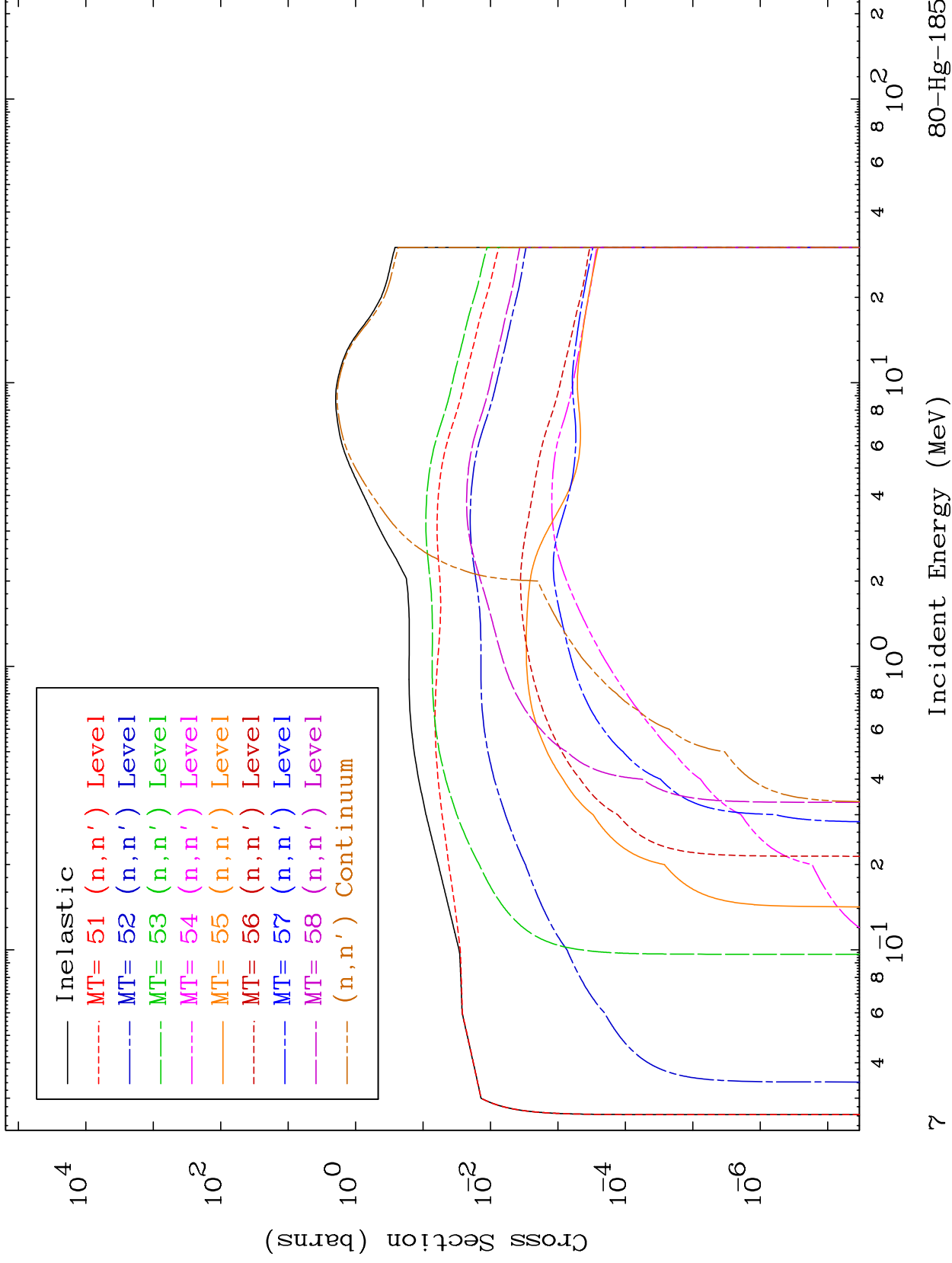


MAT 7992

Particle Production  
293 Kelvin Cross Sections

80-Hg-185



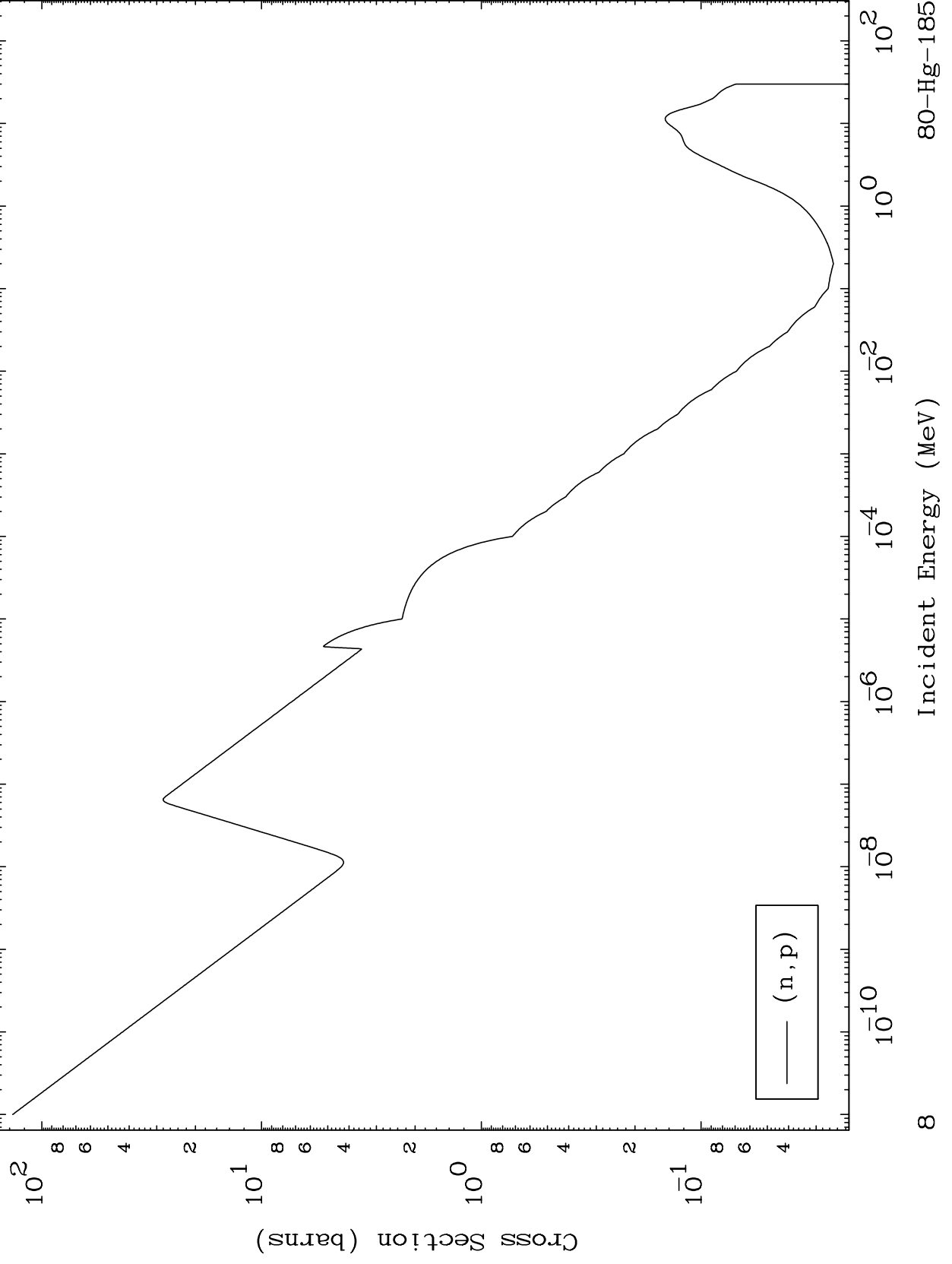




MAT 7992

(n,p) Levels  
293 Kelvin Cross Sections

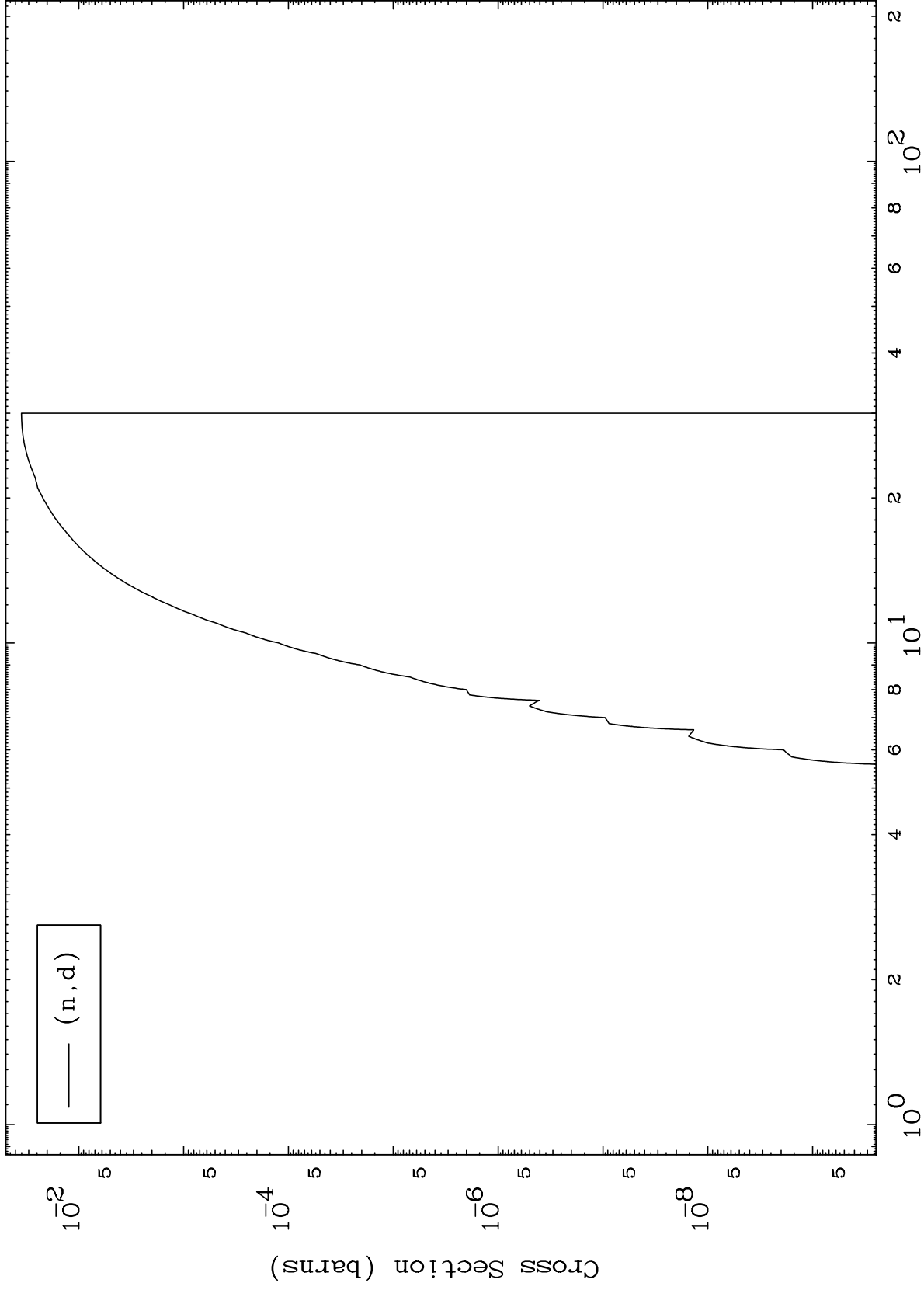
80-Hg-185



MAT 7992

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-185



9

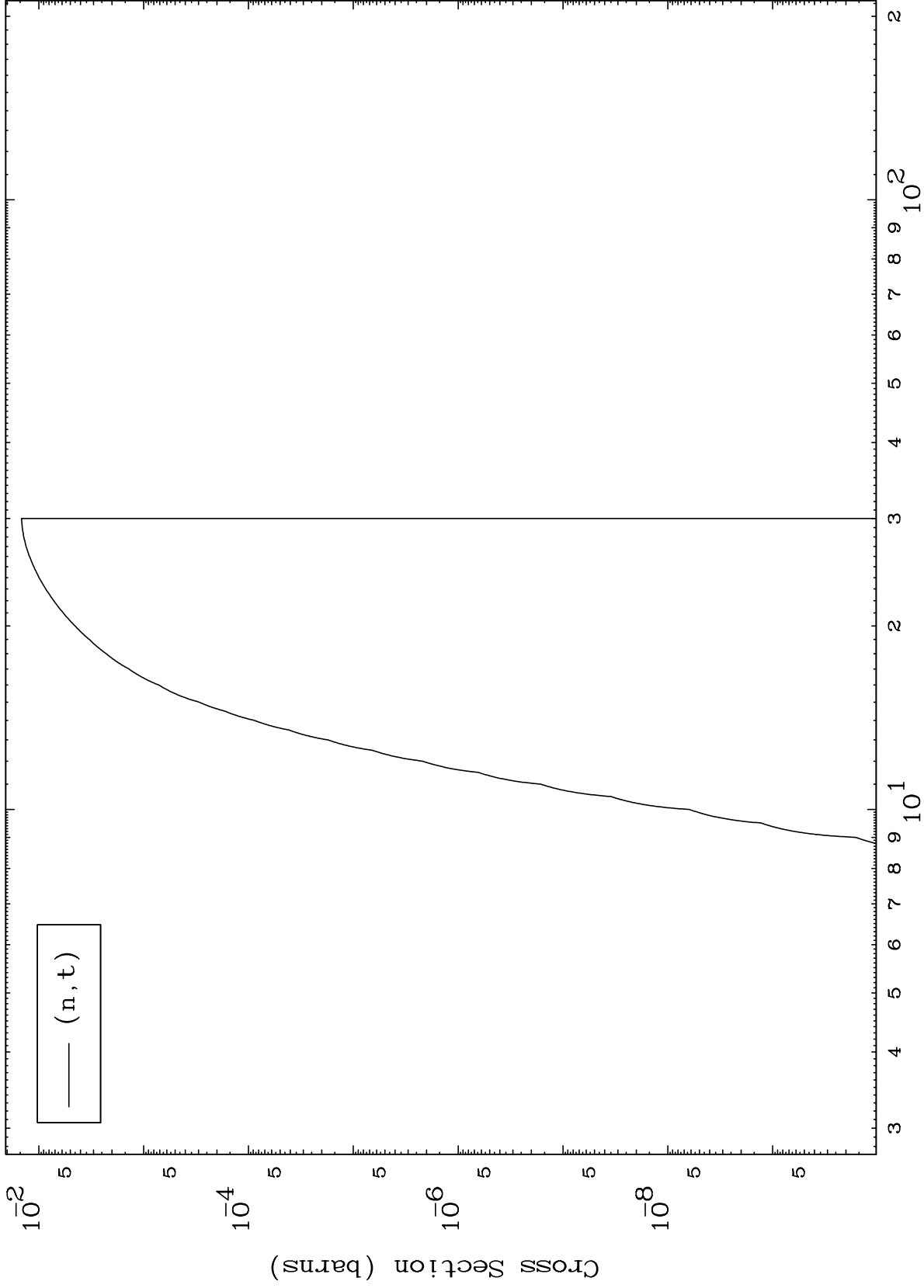
Incident Energy (MeV)

80-Hg-185

MAT 7992

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-185



10

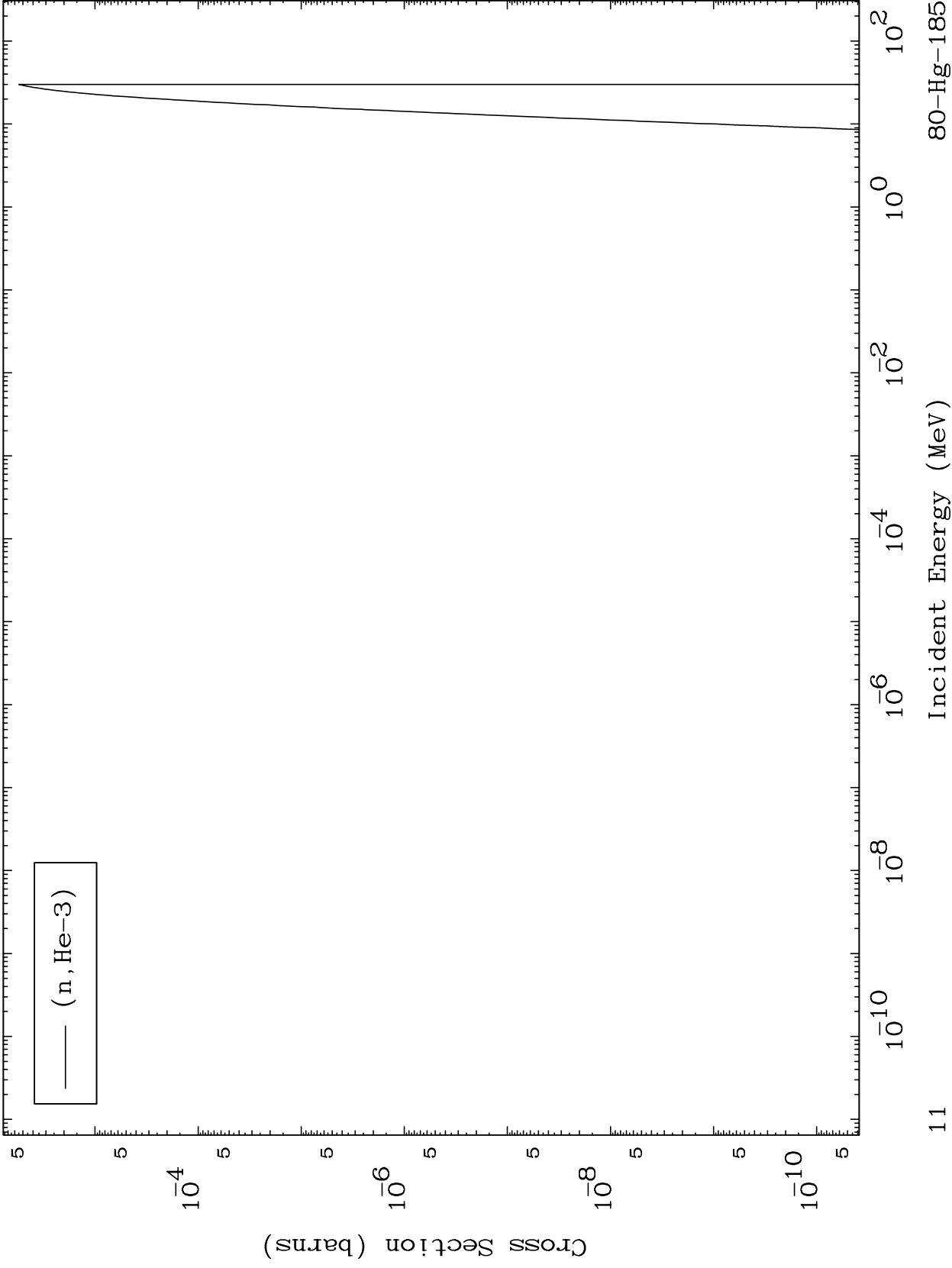
Incident Energy (MeV)

80-Hg-185

MAT 7992

(n,He3) Levels  
293 Kelvin Cross Sections

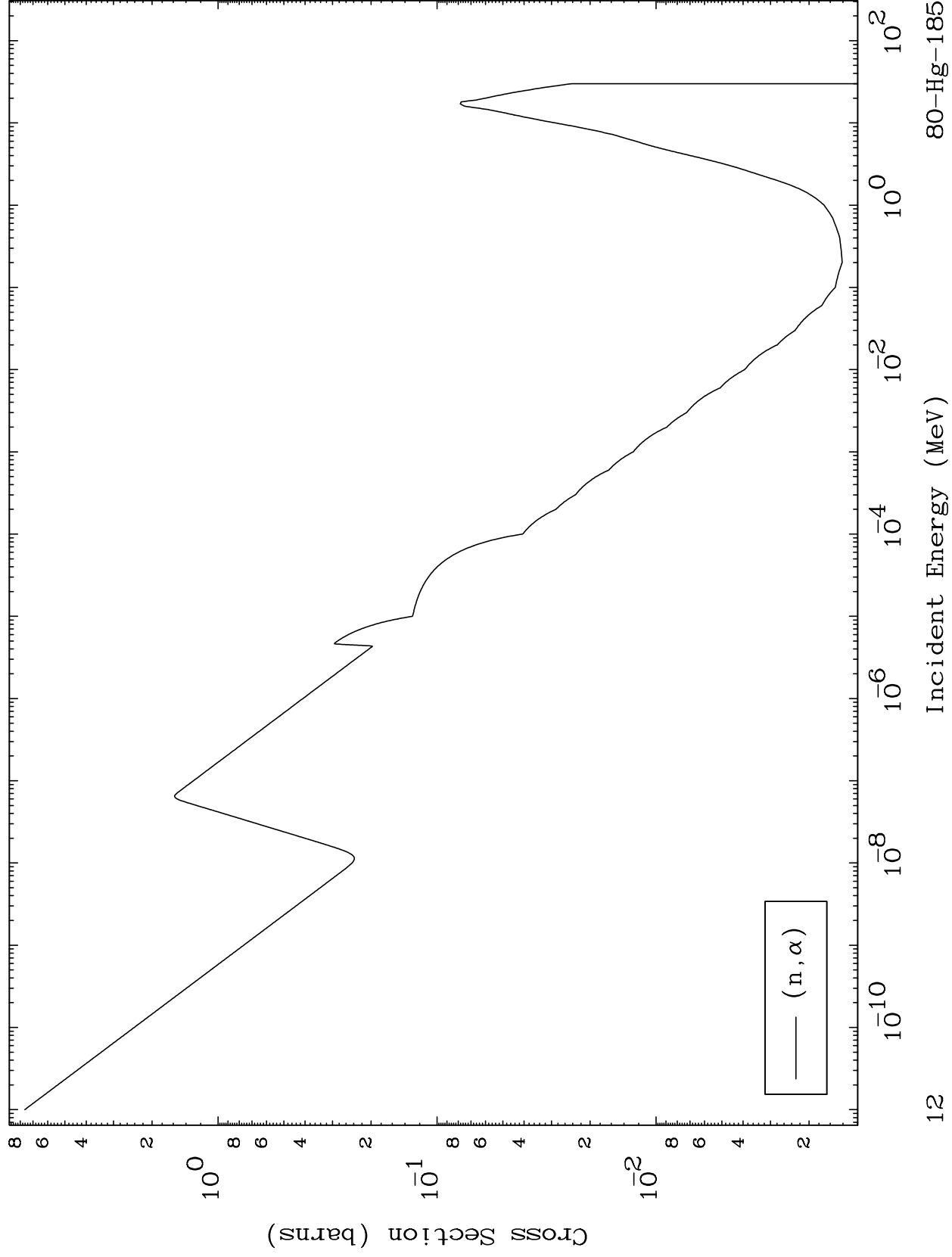
80-Hg-185

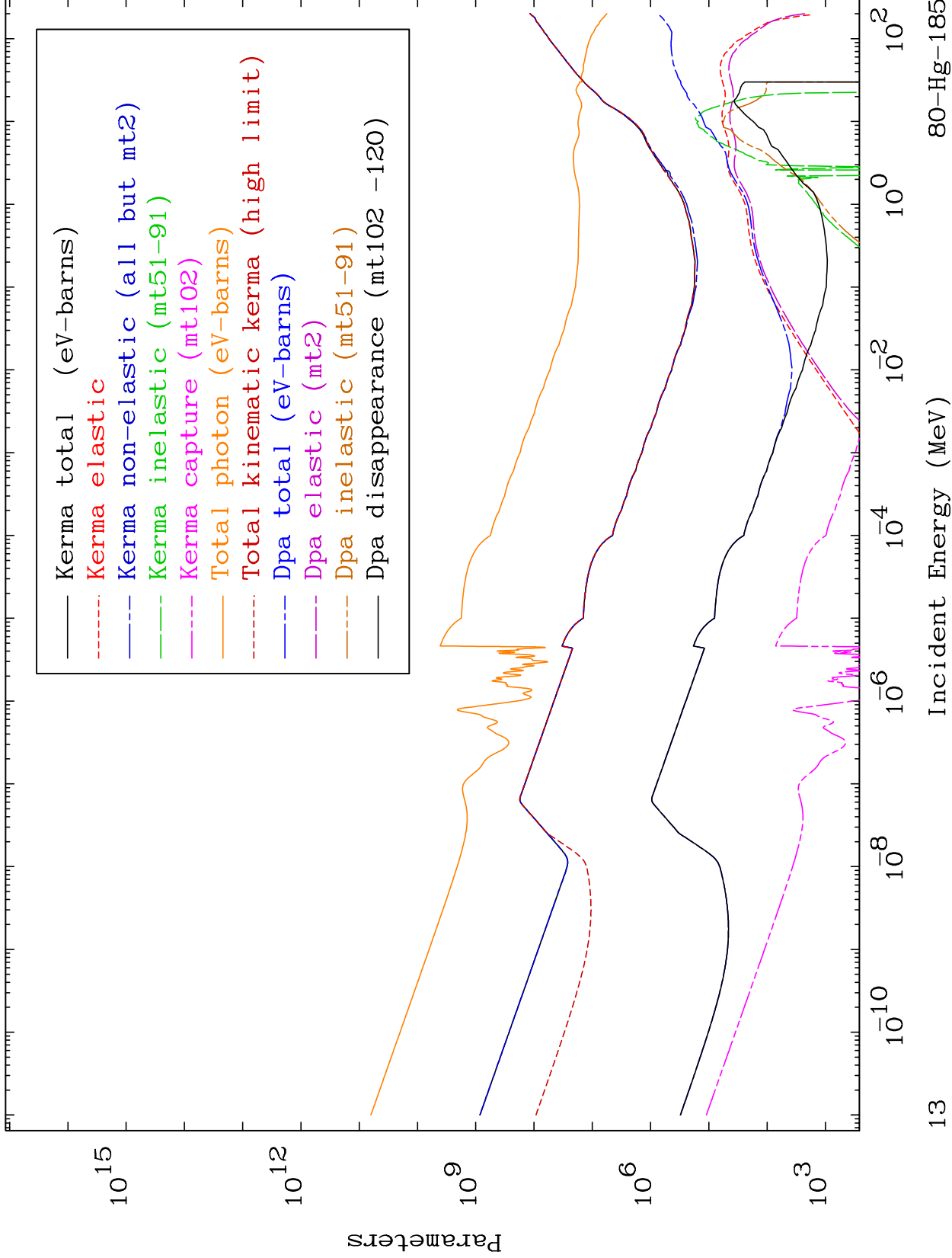


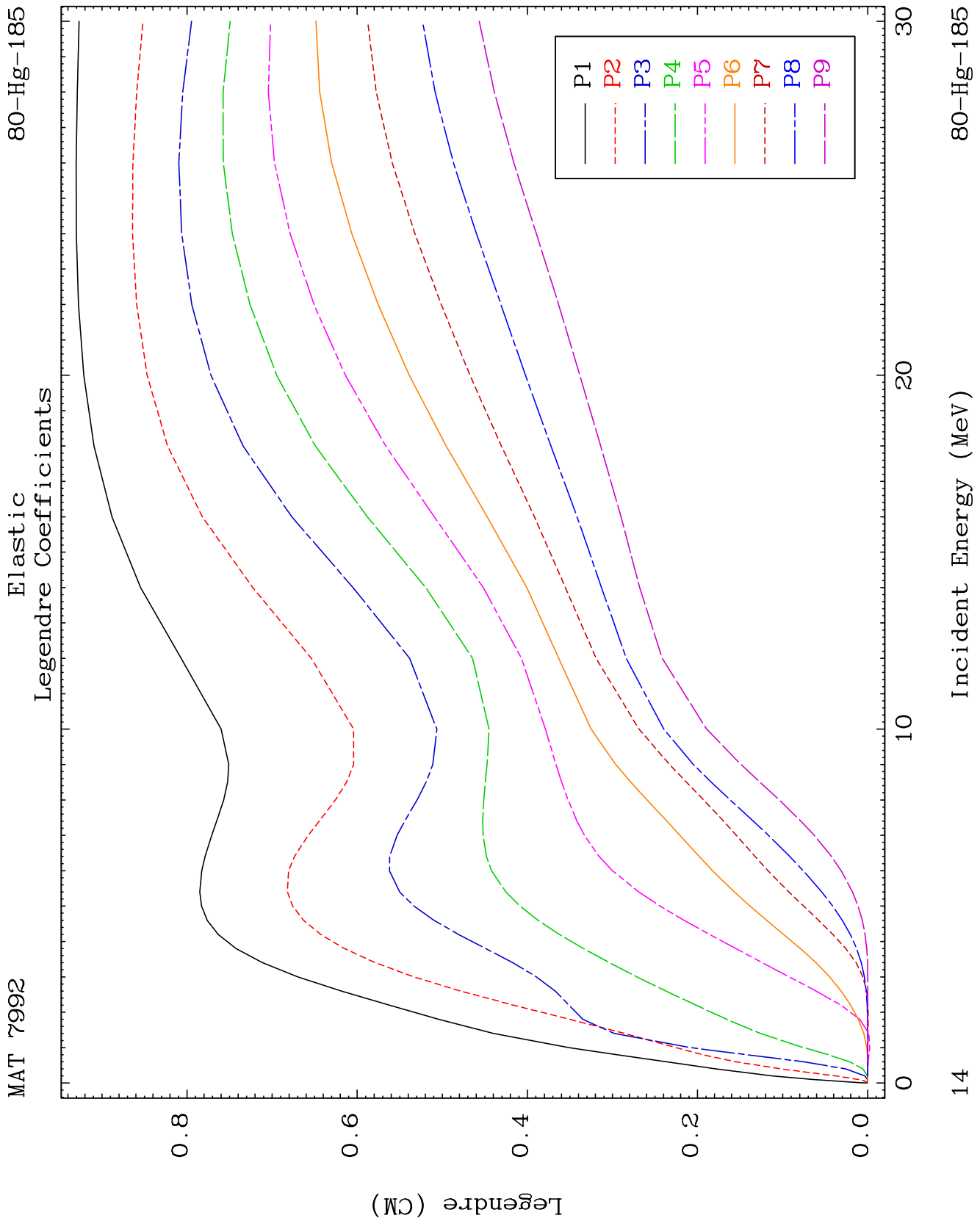
MAT 7992

(n,α) Levels  
293 Kelvin Cross Sections

80-Hg-185







14

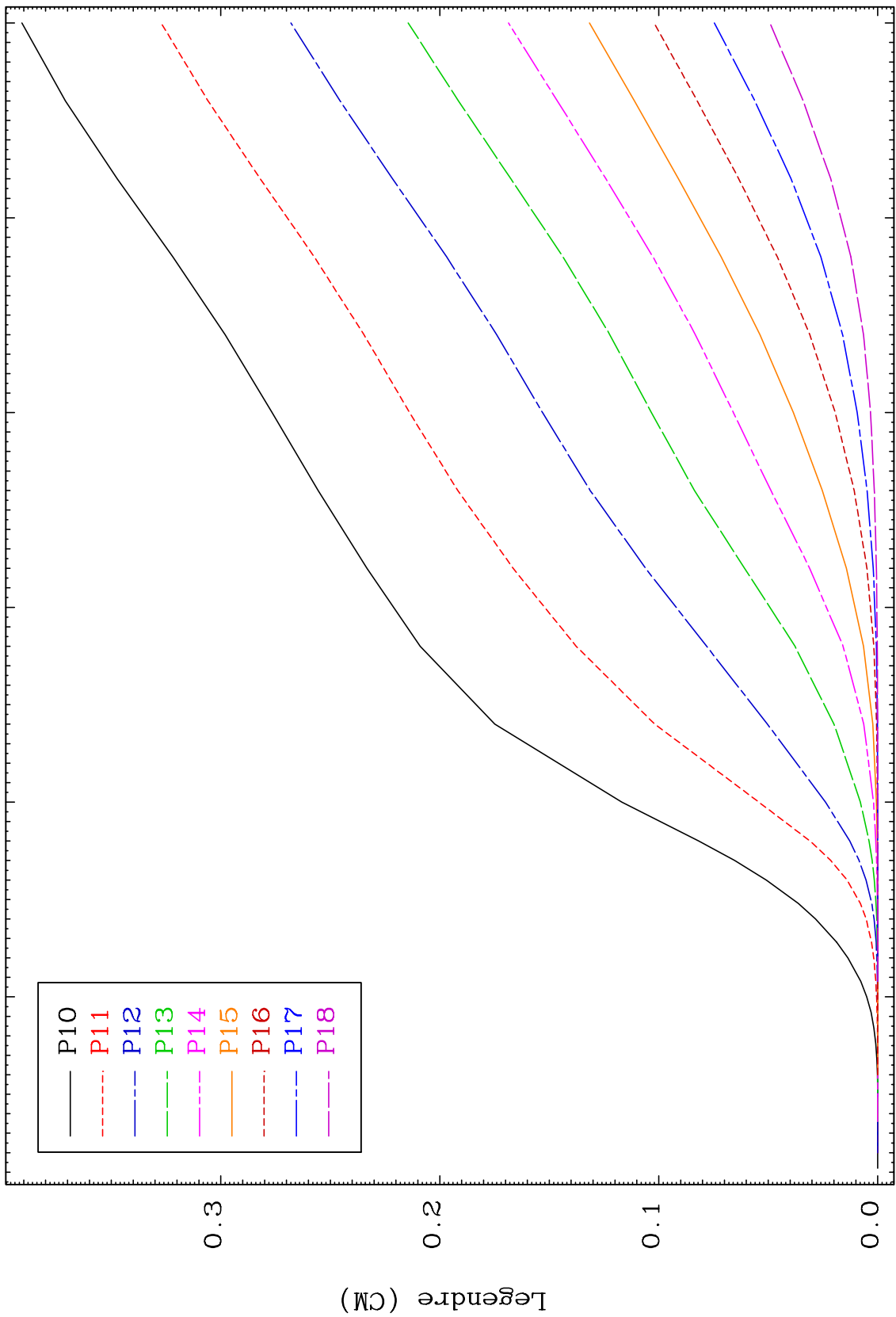
Incident Energy (MeV)

80-Hg-185

MAT 7992

Elastic Legendre Coefficients

80-Hg-185



15

Incident Energy (MeV)

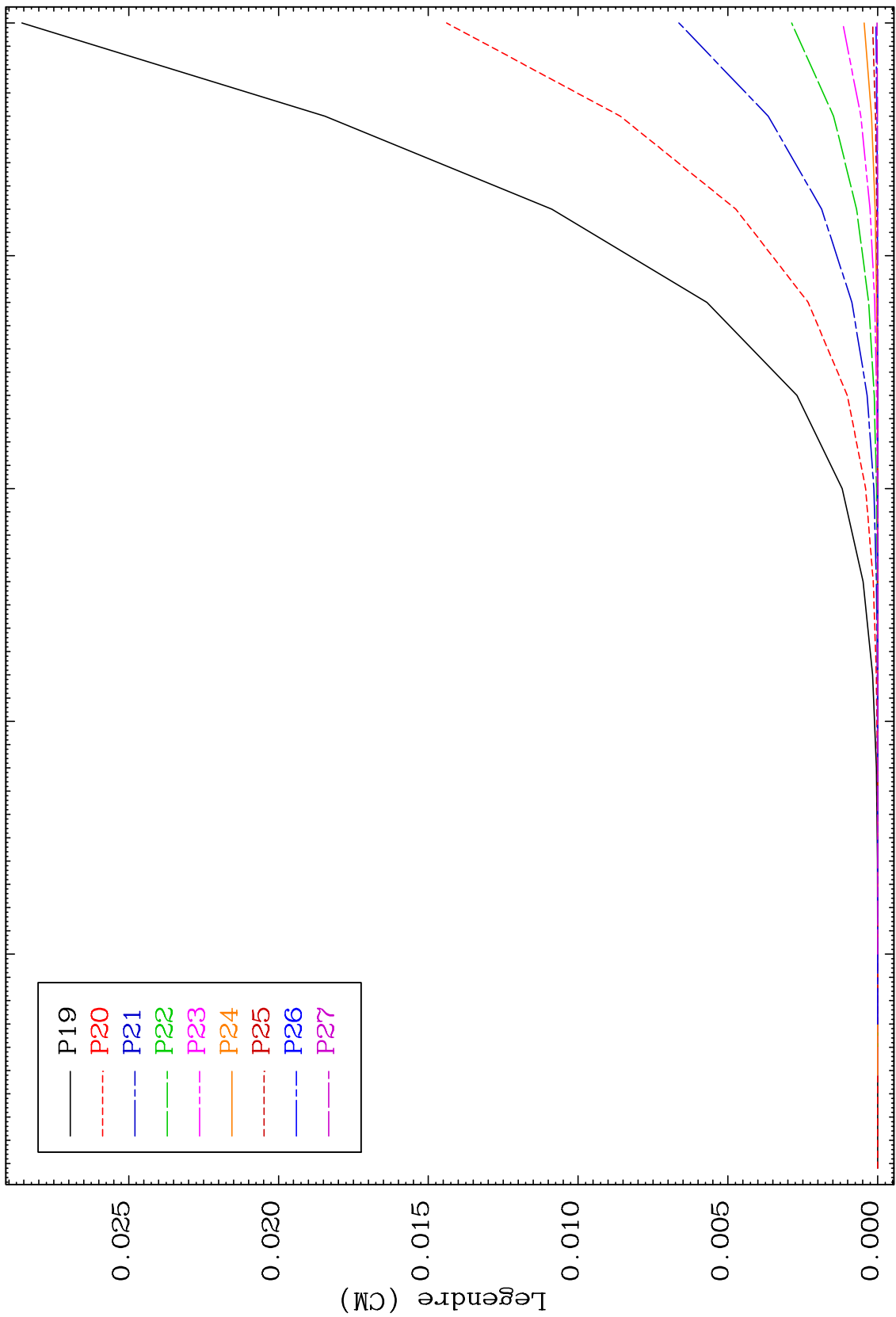
80-Hg-185



MAT 7992

### Elastic Legendre Coefficients

80-Hg-185



16

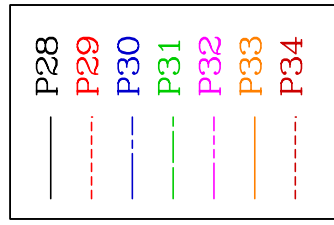
Incident Energy (MeV)

80-Hg-185

MAT 7992

Elastic  
Legendre Coefficients

80-Hg-185



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

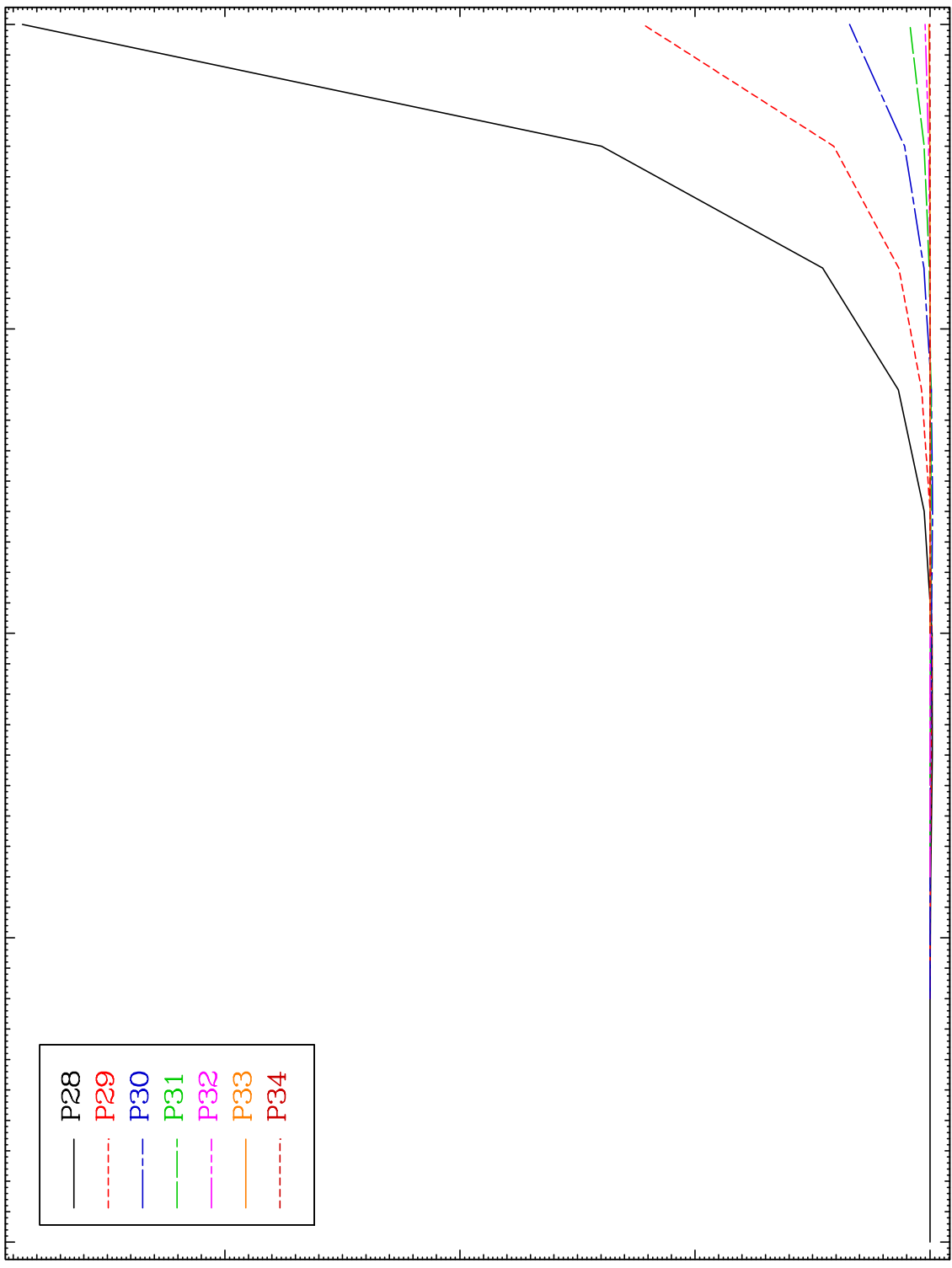
25

30

17

Incident Energy (MeV)

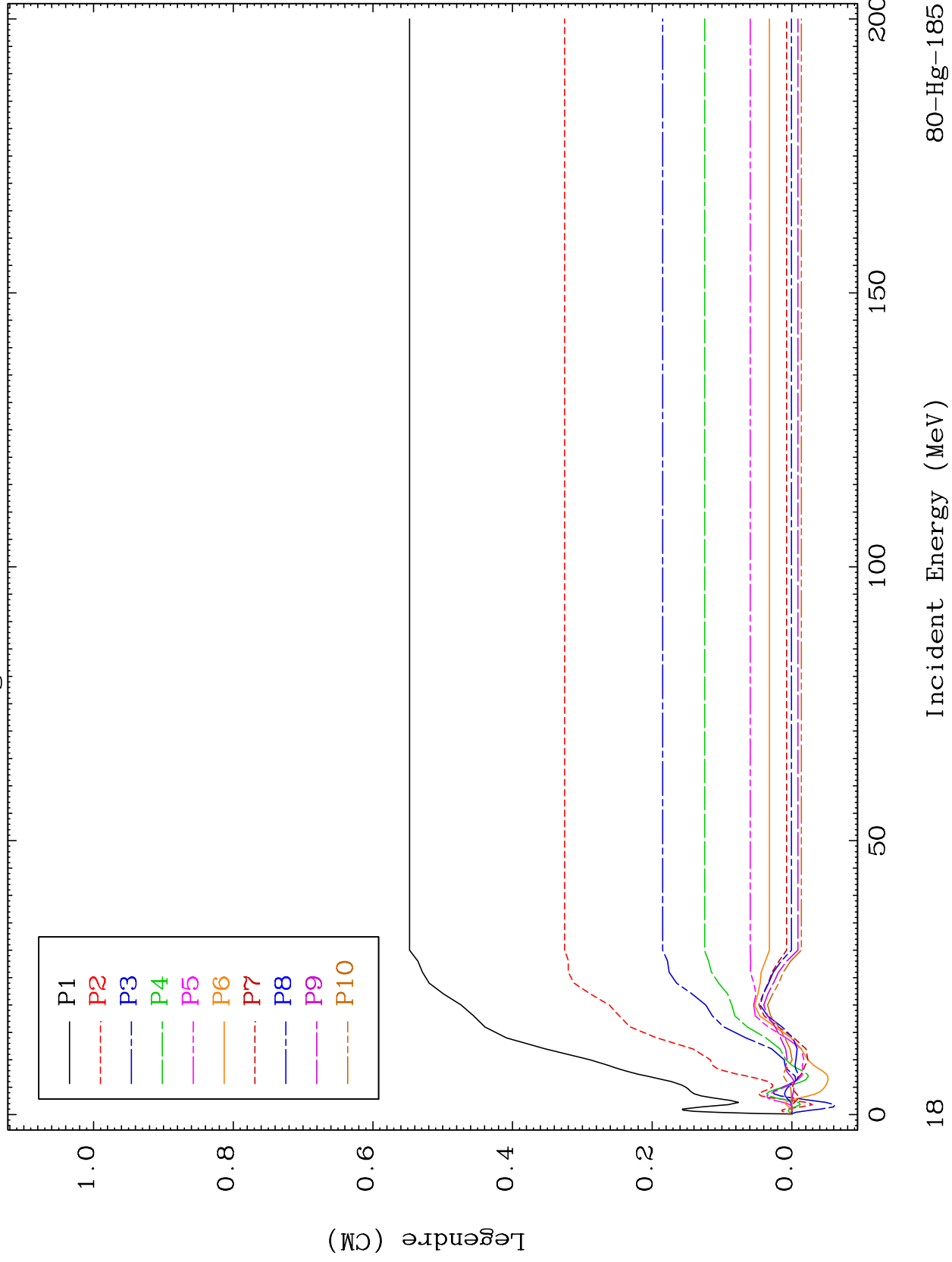
80-Hg-185



MAT 7992

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

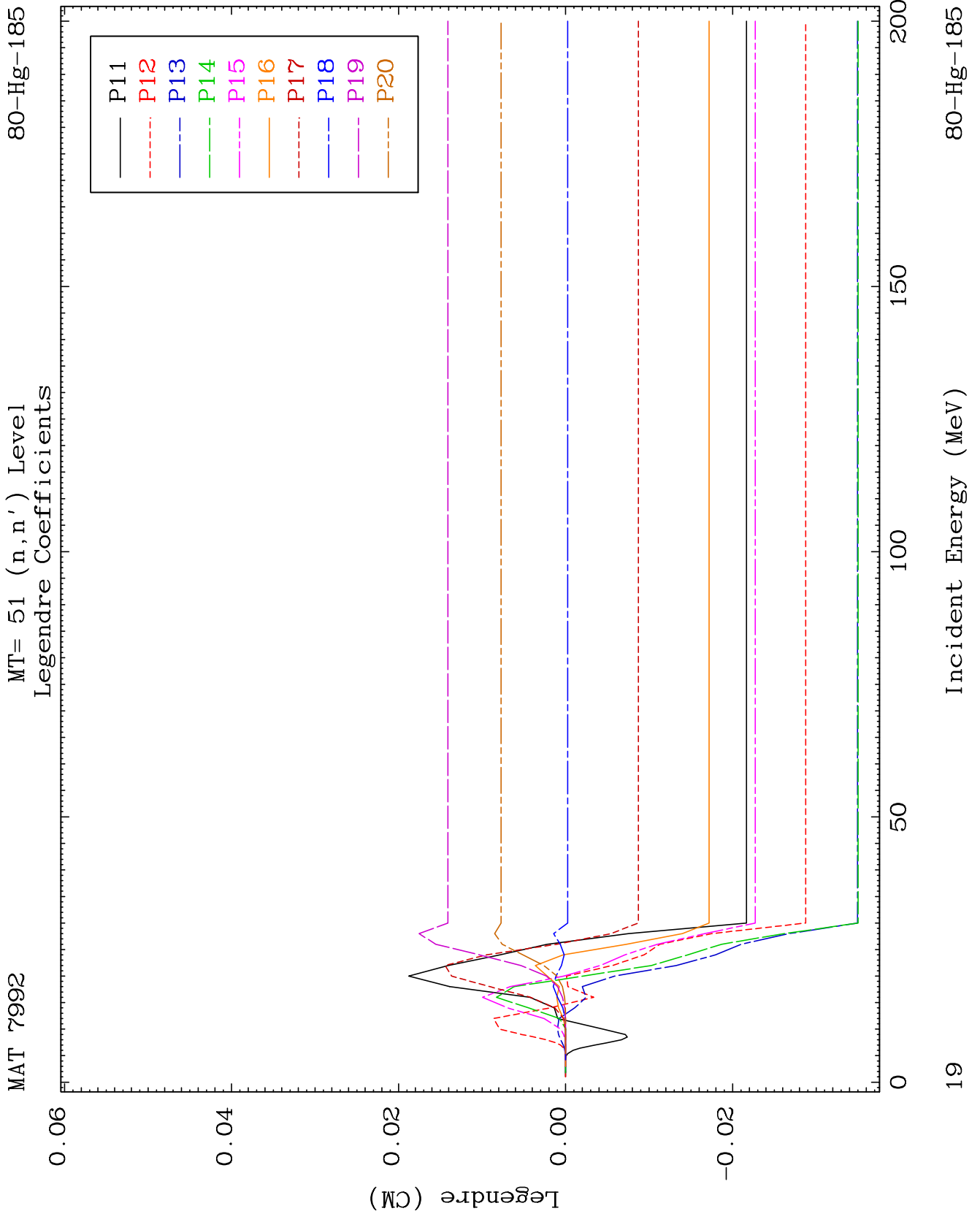
80-Hg-185



80-Hg-185

Incident Energy (MeV)

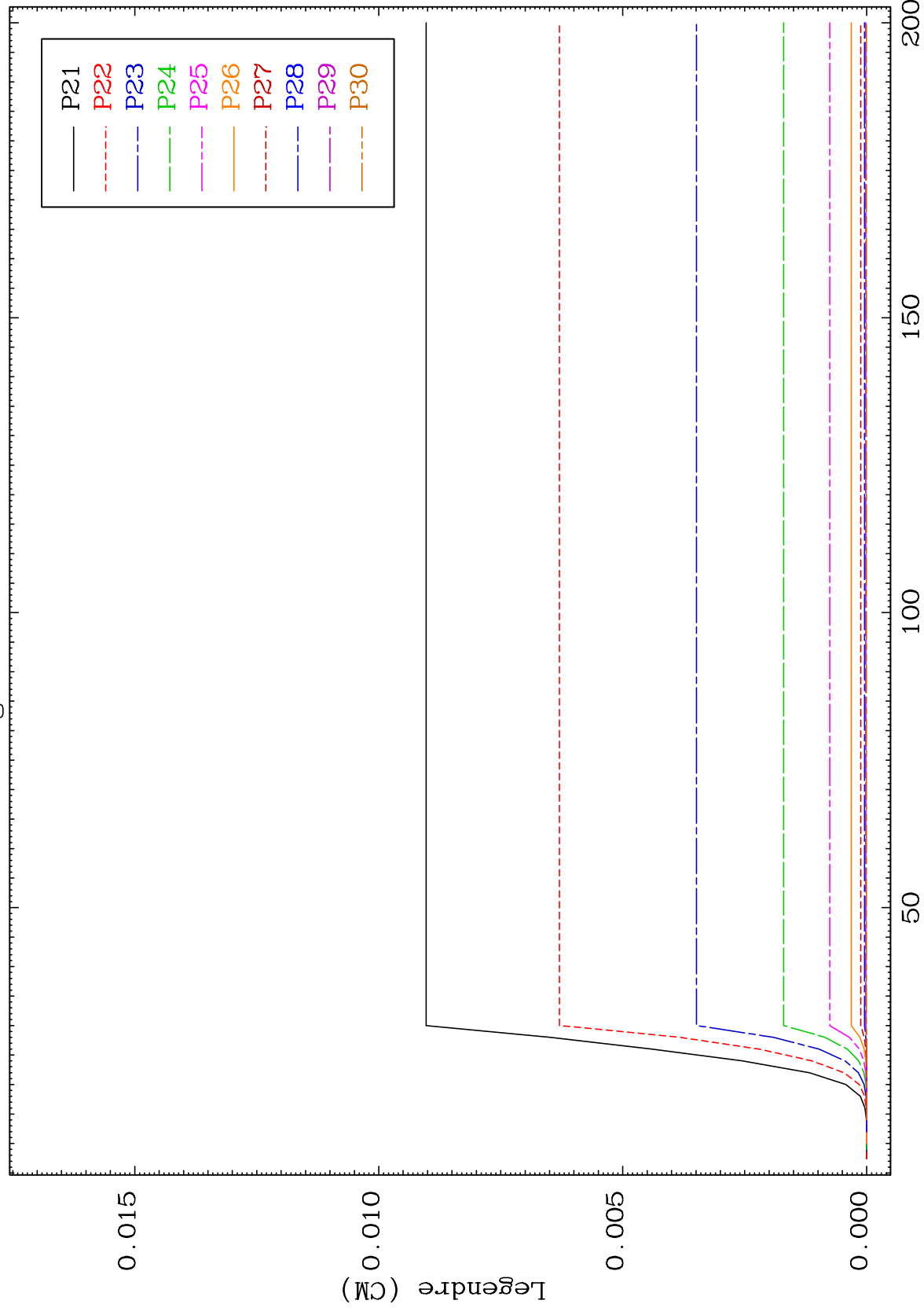
18



MAT 7992

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

80-Hg-185



20

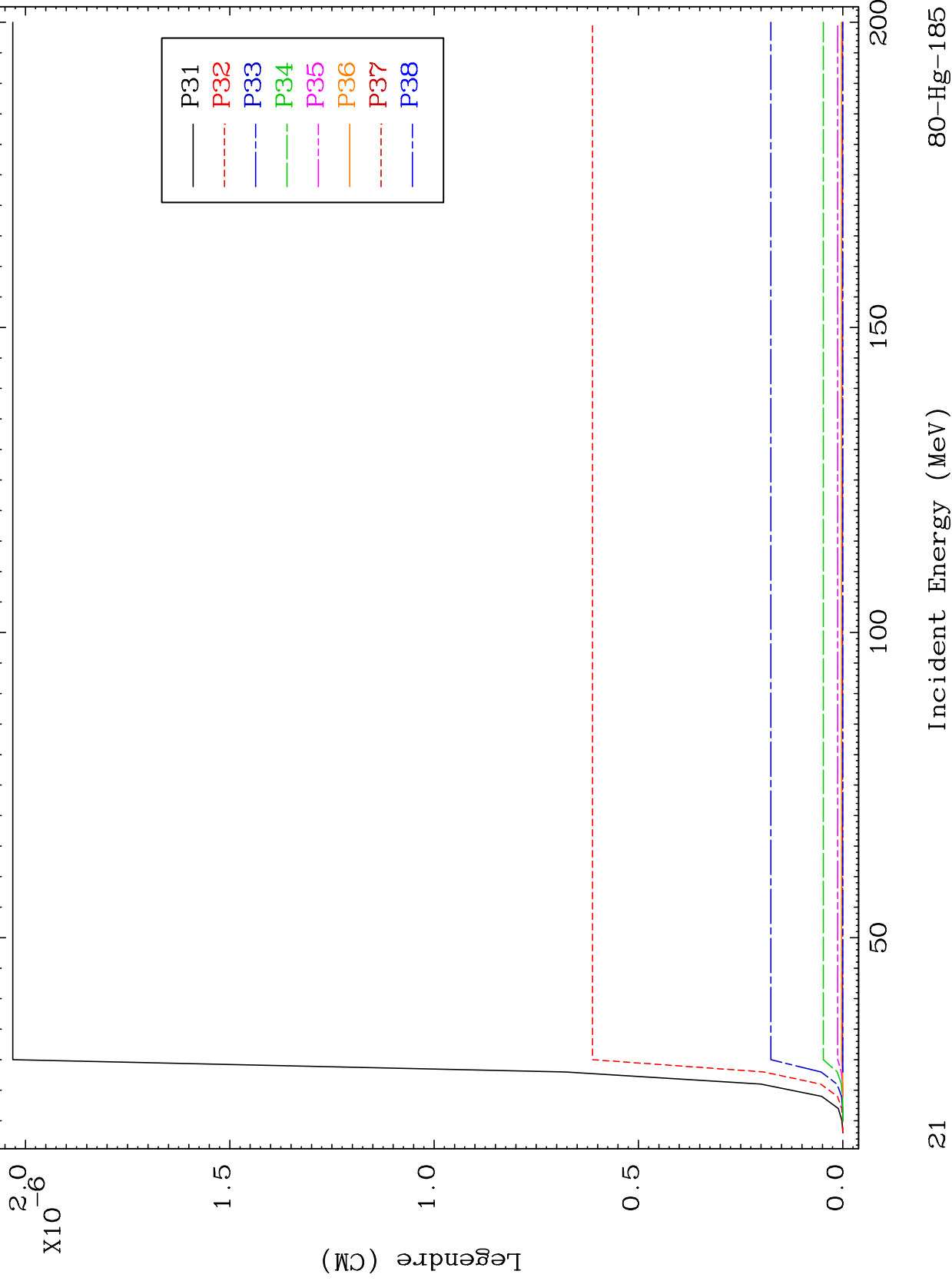
Incident Energy (MeV)

80-Hg-185

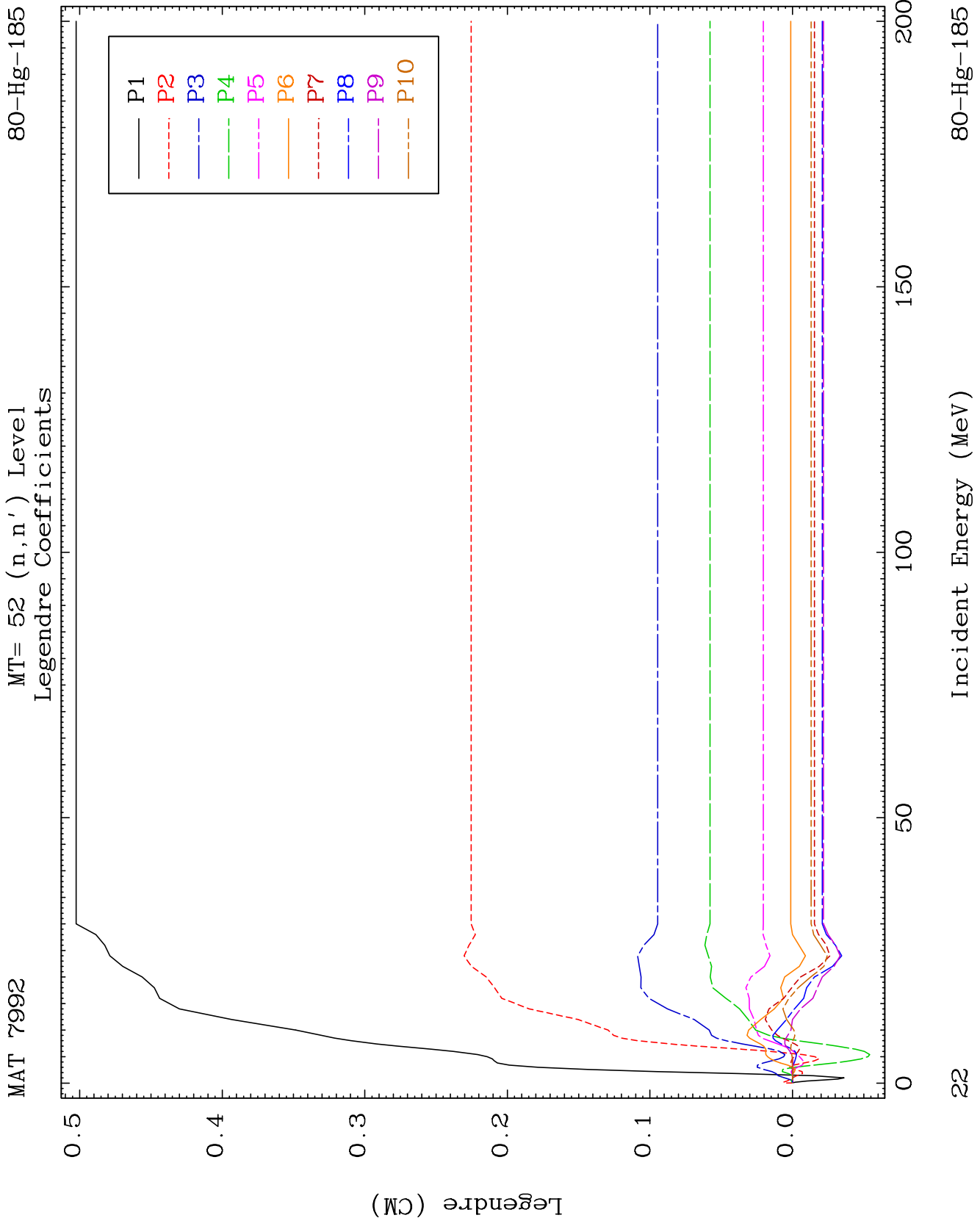
MAT 7992

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

80-Hg-185



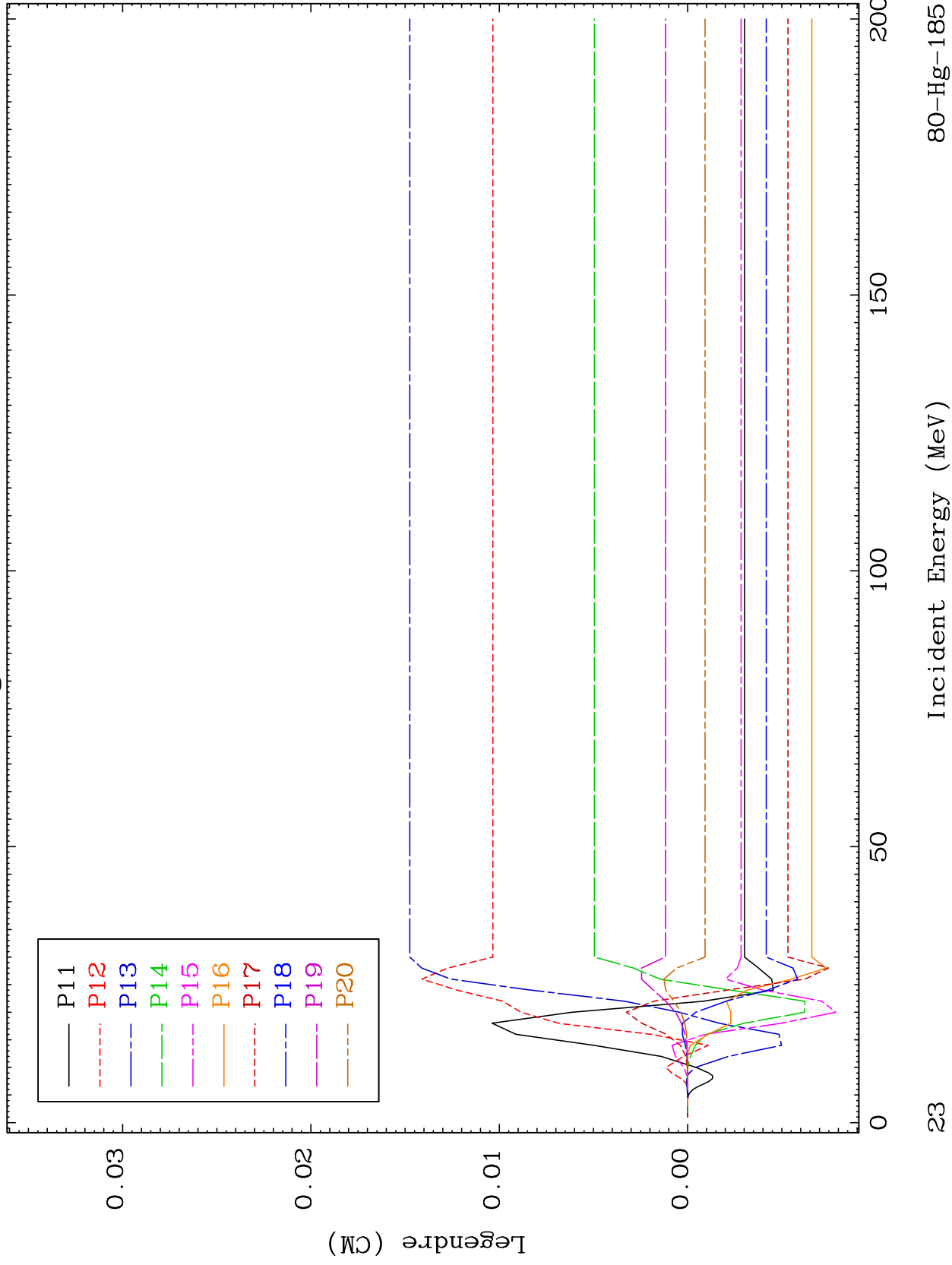
21



MAT 7992

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

80-Hg-185



23

Incident Energy (MeV)

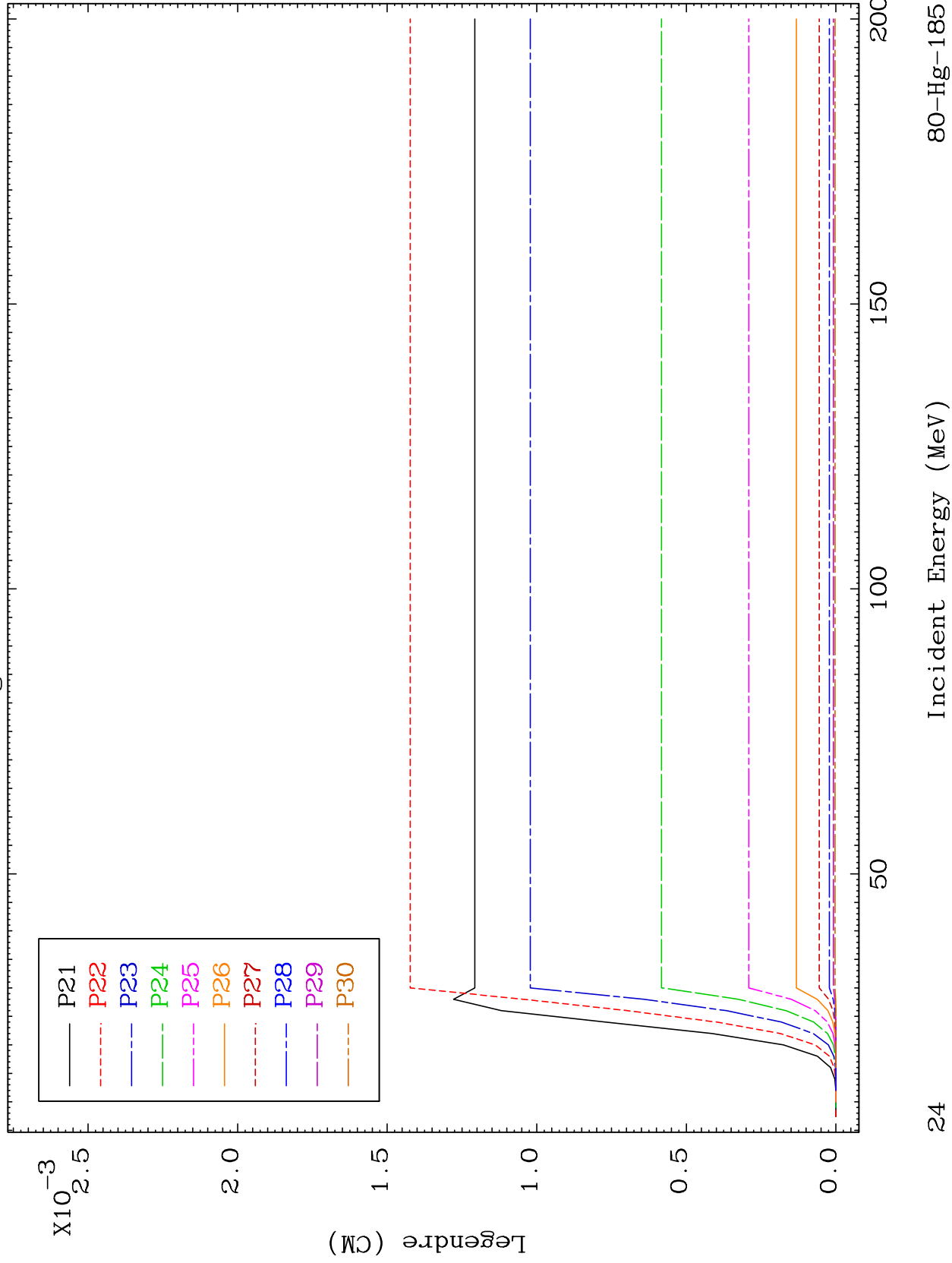
80-Hg-185

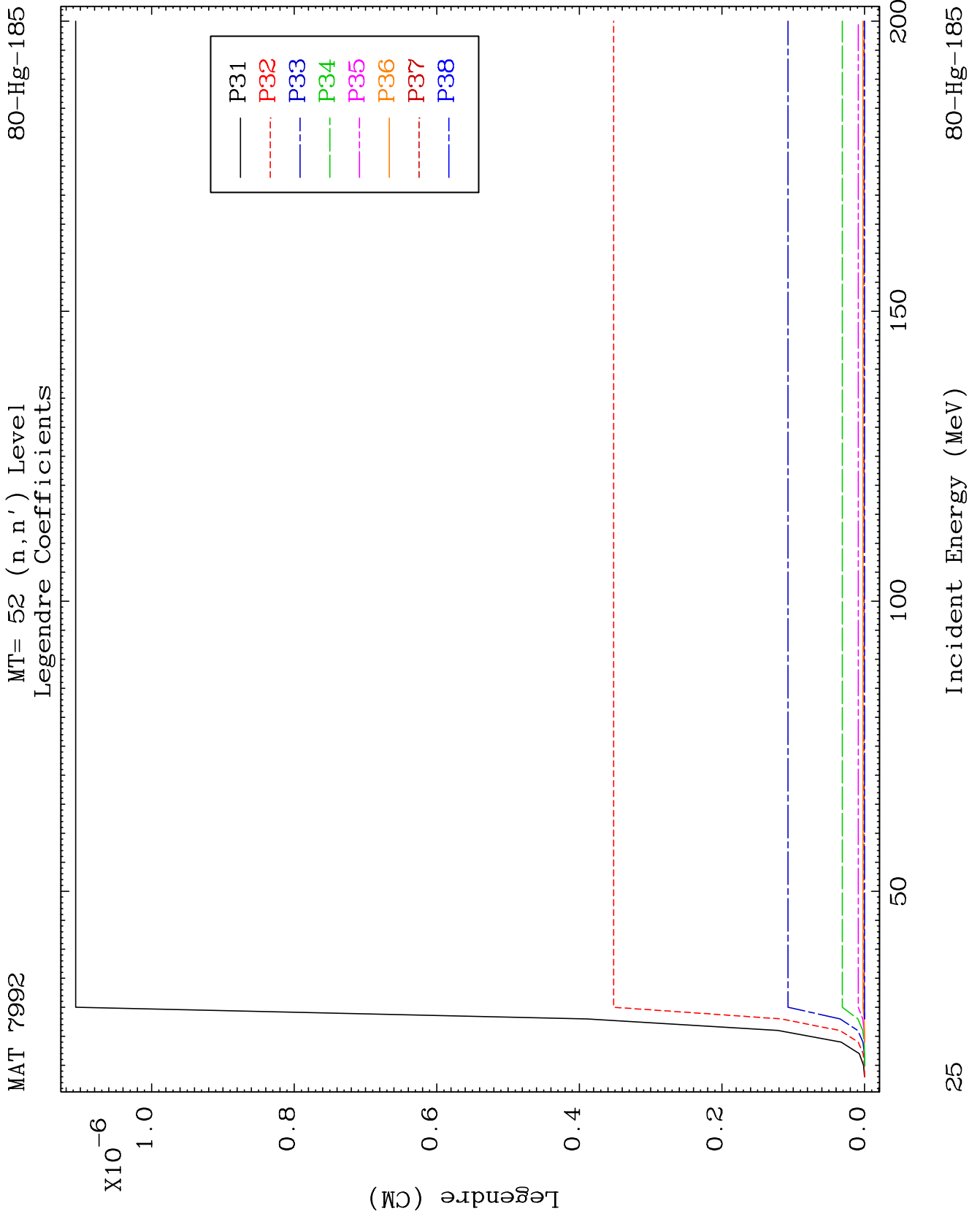


MAT 7992

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

80-Hg-185

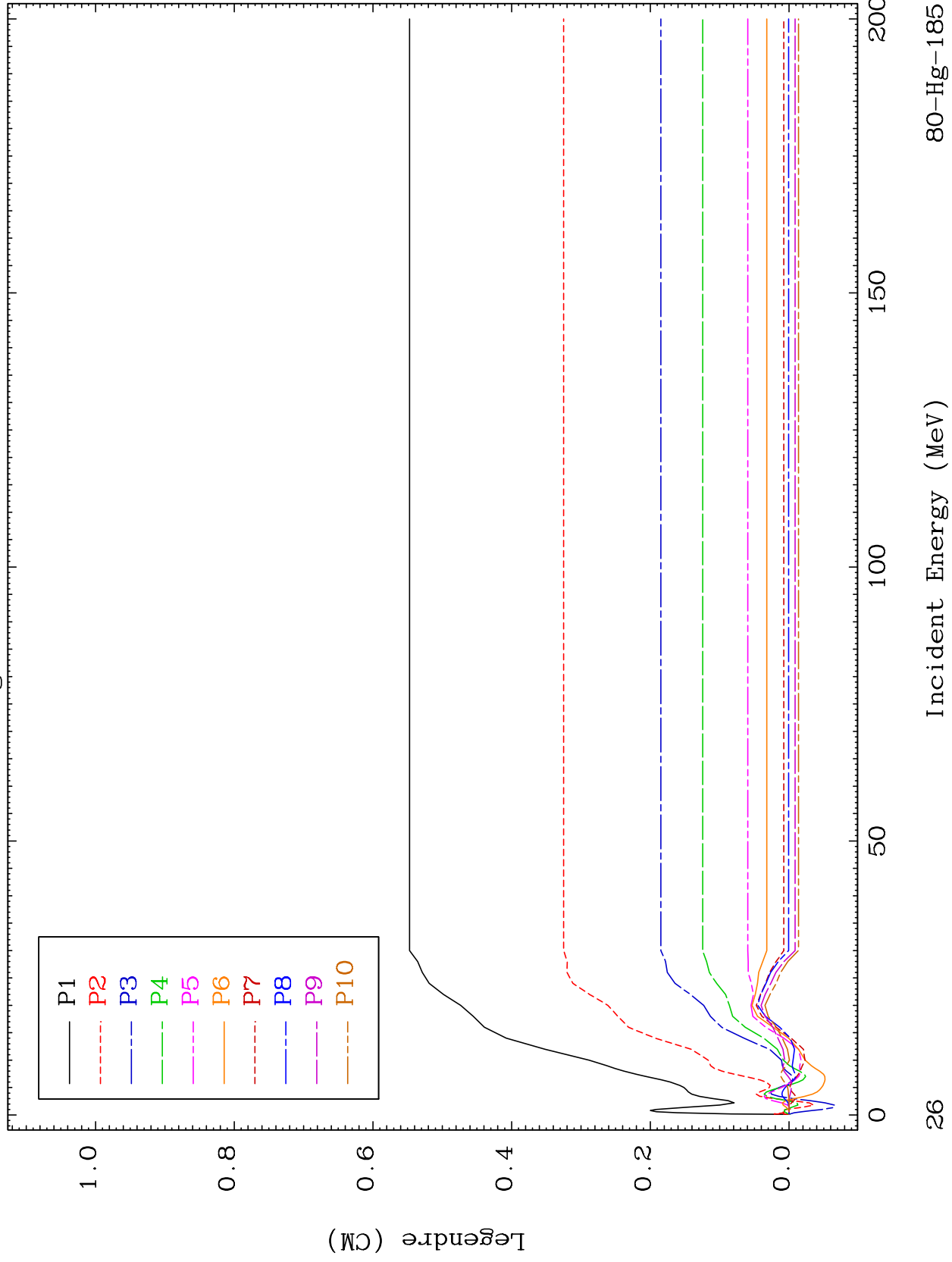




MAT 7992

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

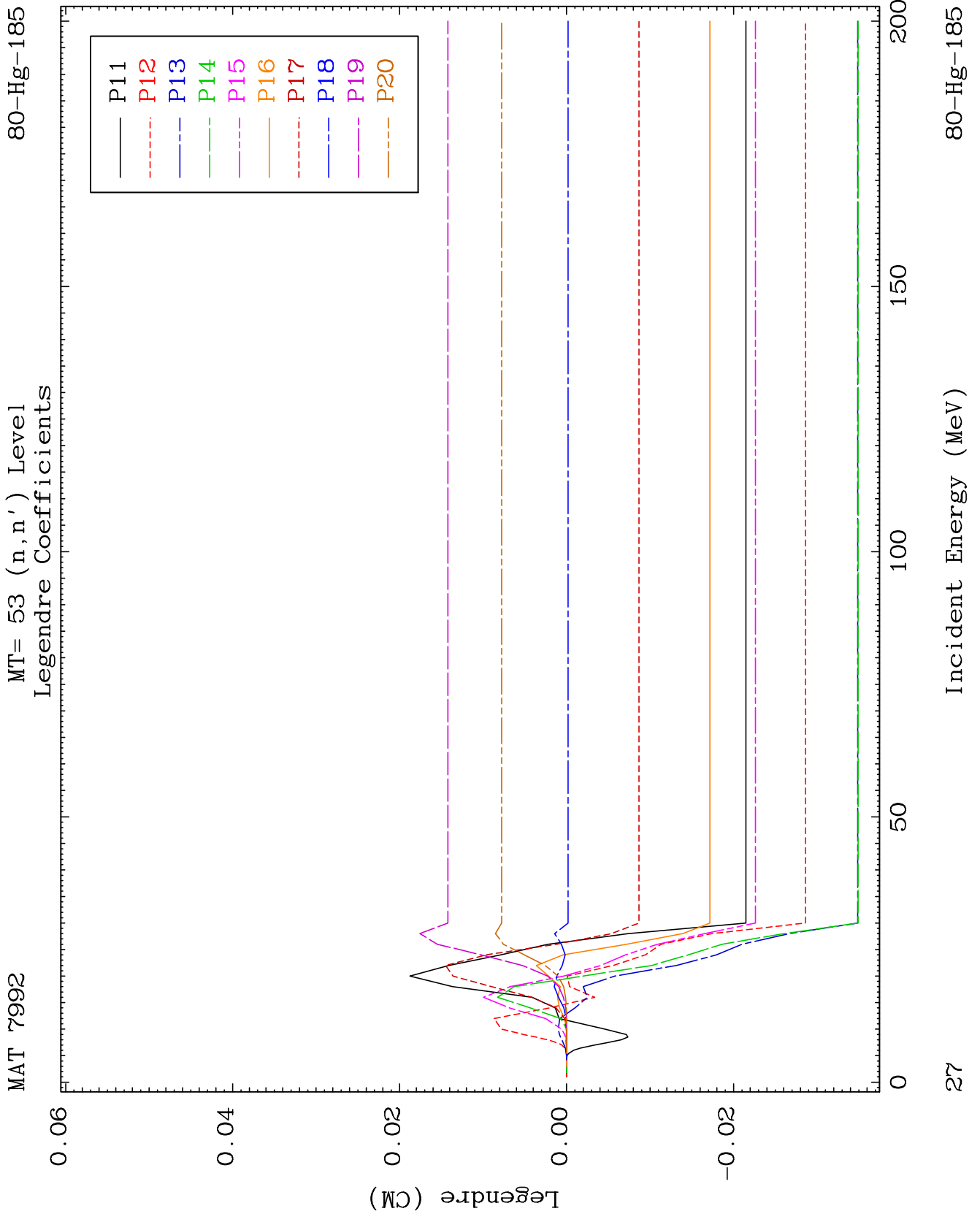
80-Hg-185



26

Incident Energy (MeV)

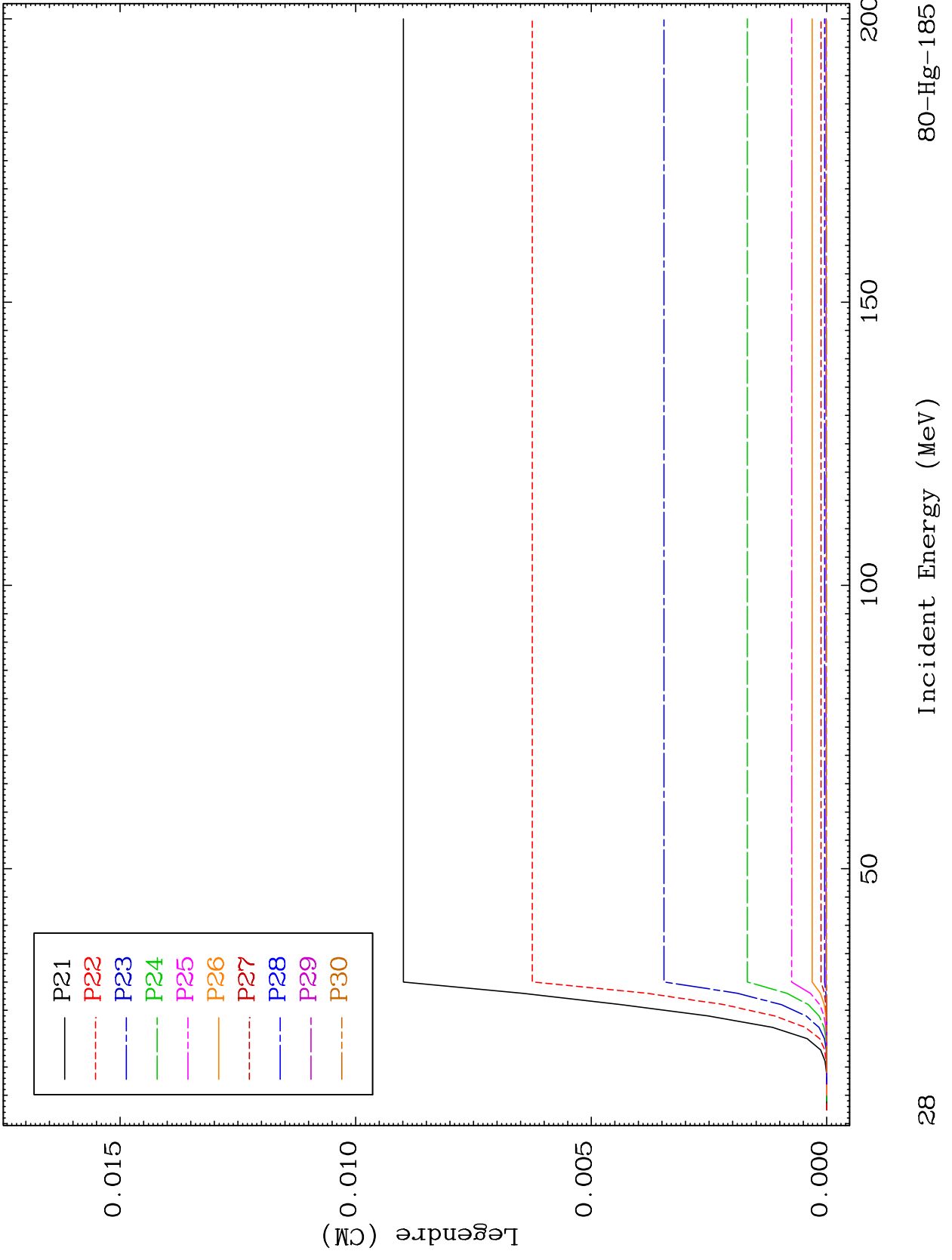
80-Hg-185



MAT 7992

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

80-Hg-185



28

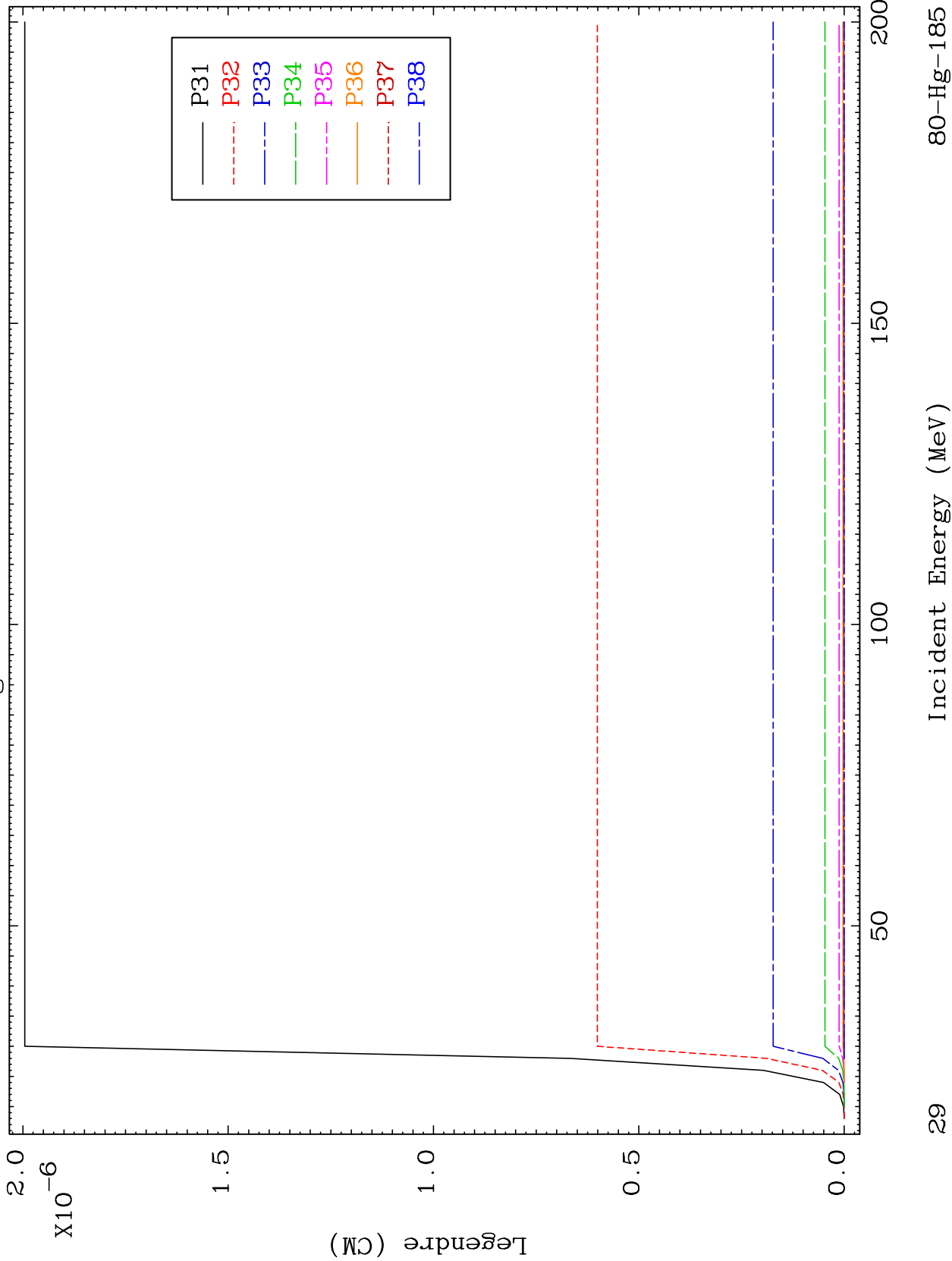
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

80-Hg-185

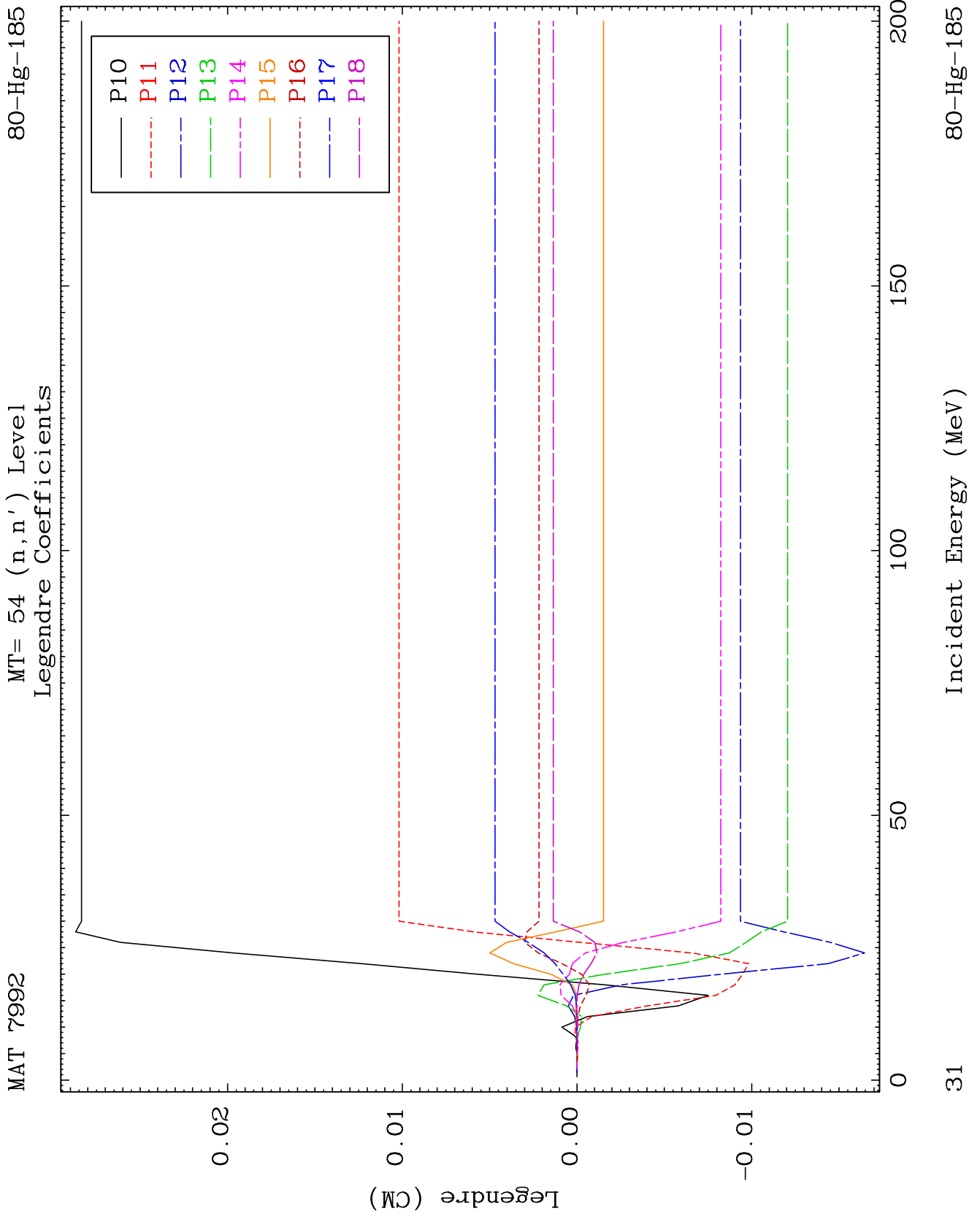


29

Incident Energy (MeV)

80-Hg-185



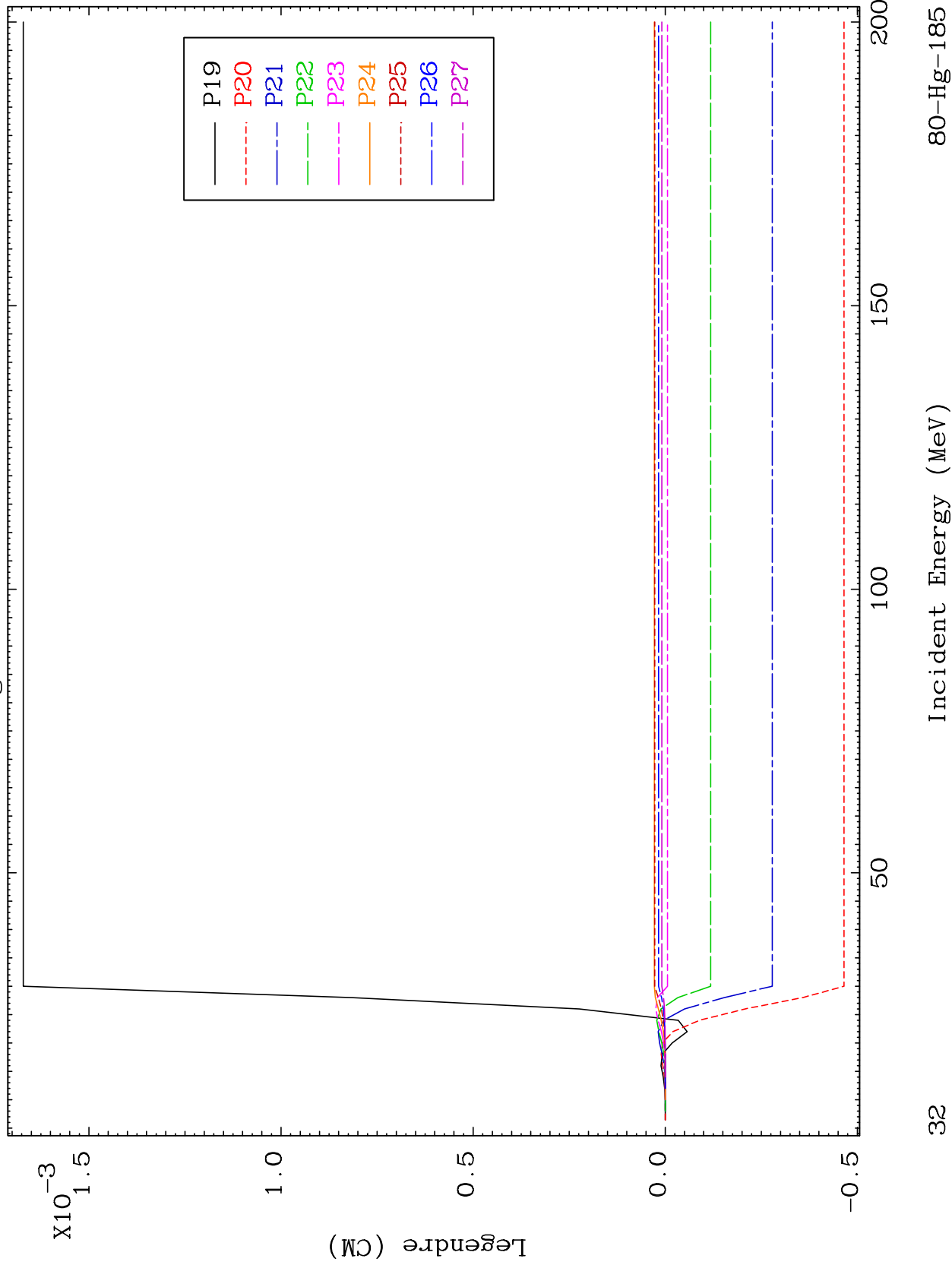




MAT 7992

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

80-Hg-185



32

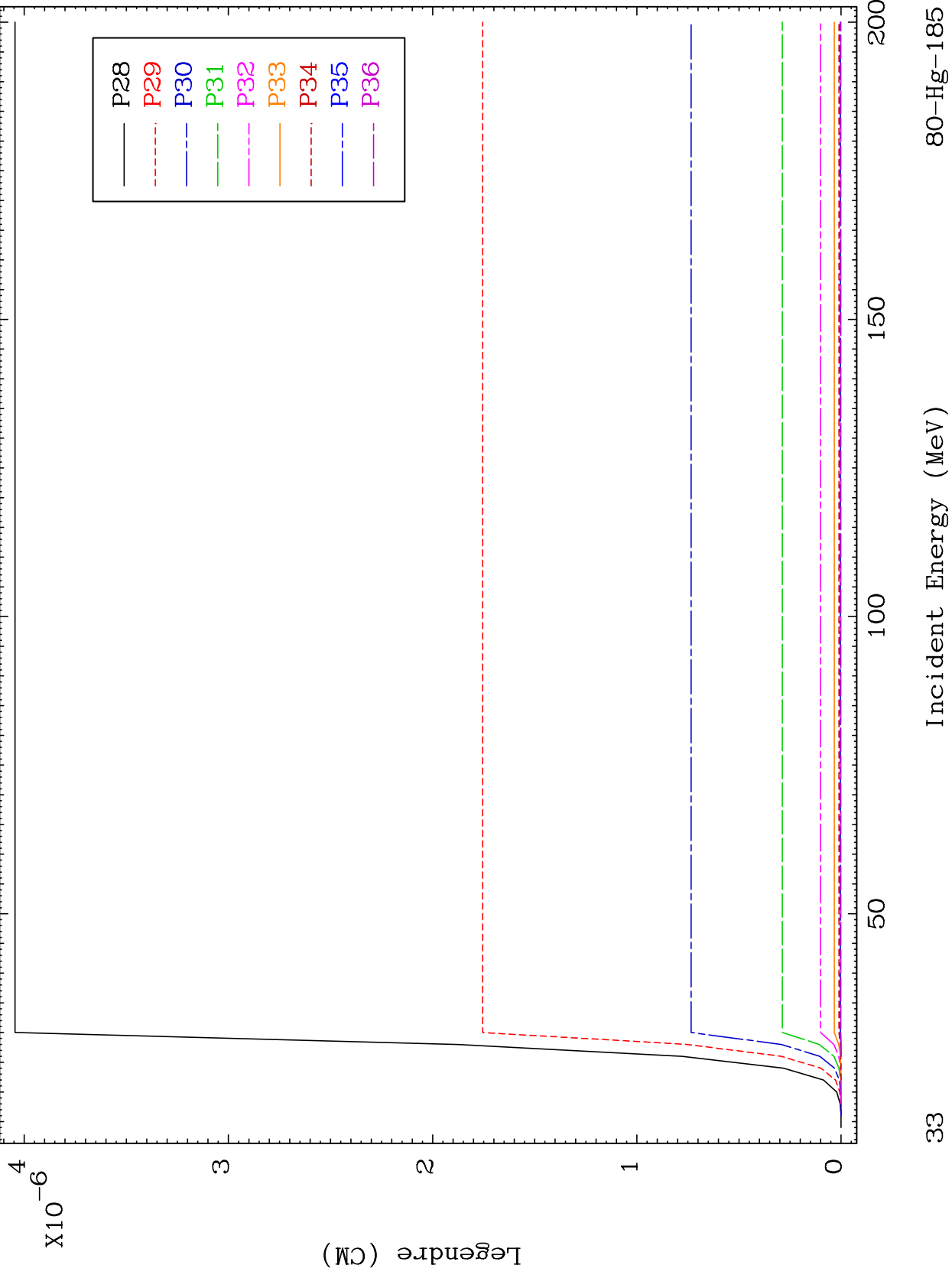
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

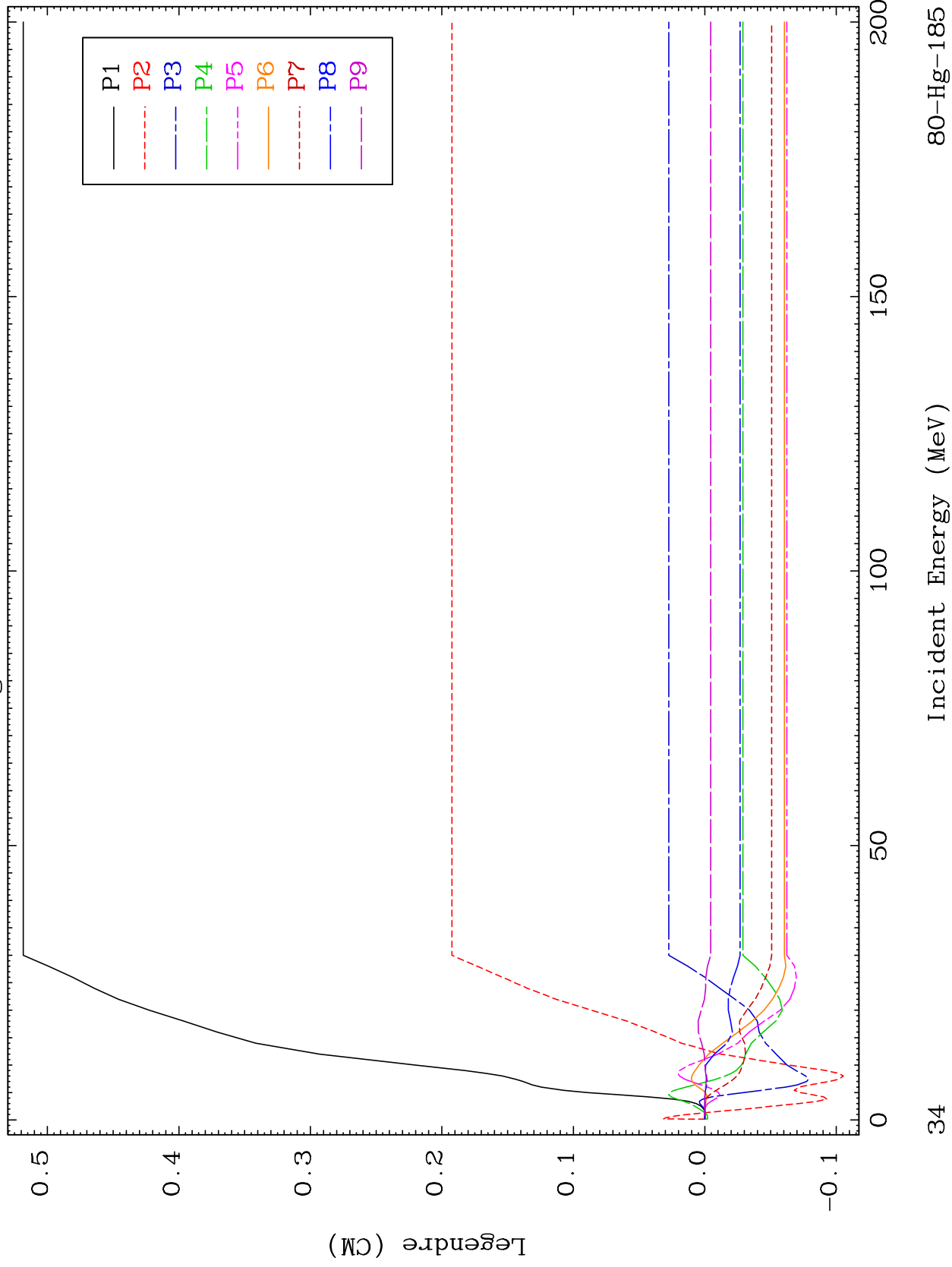
80-Hg-185



MAT 7992

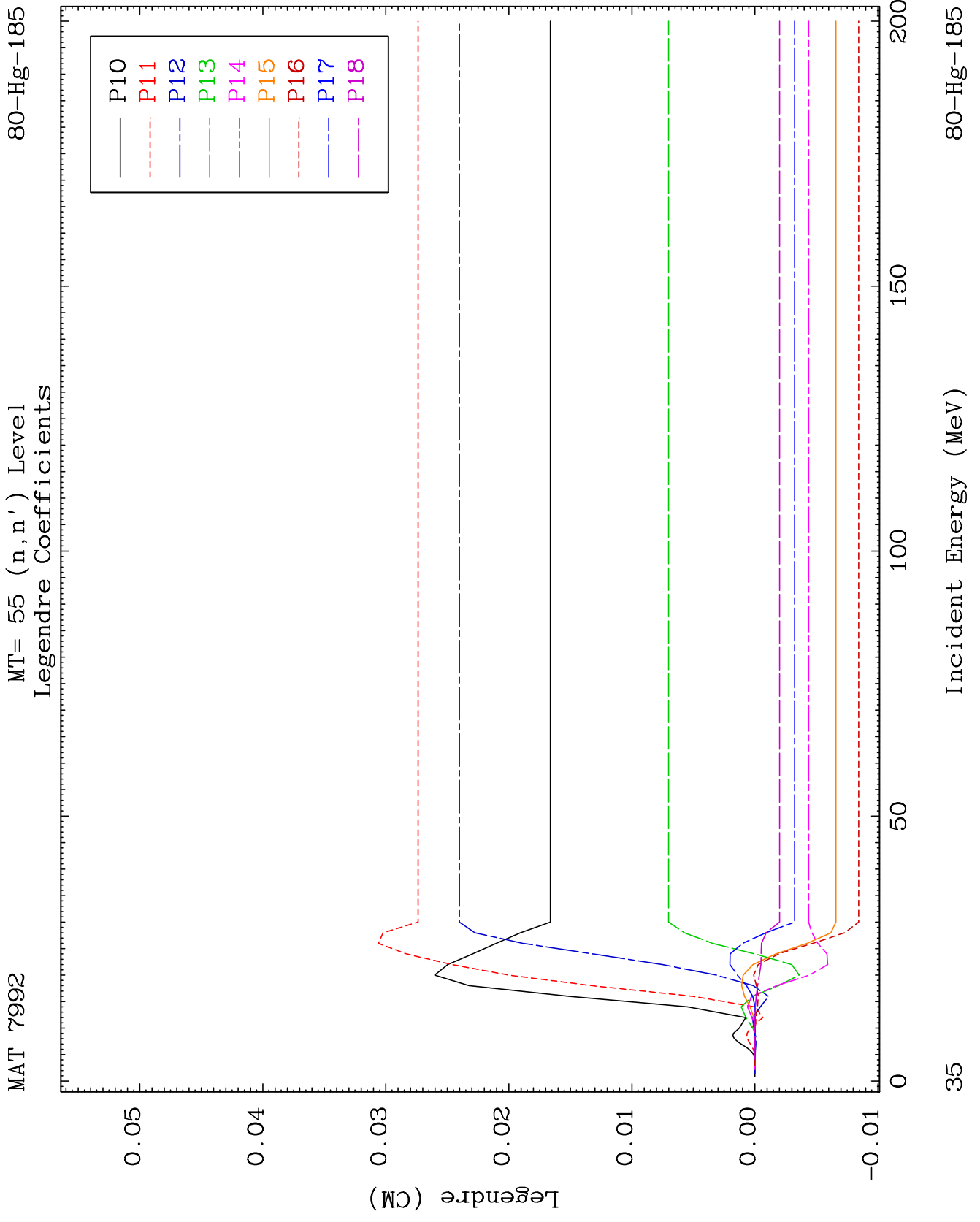
MT= 55 (n,n') Level  
Legendre Coefficients

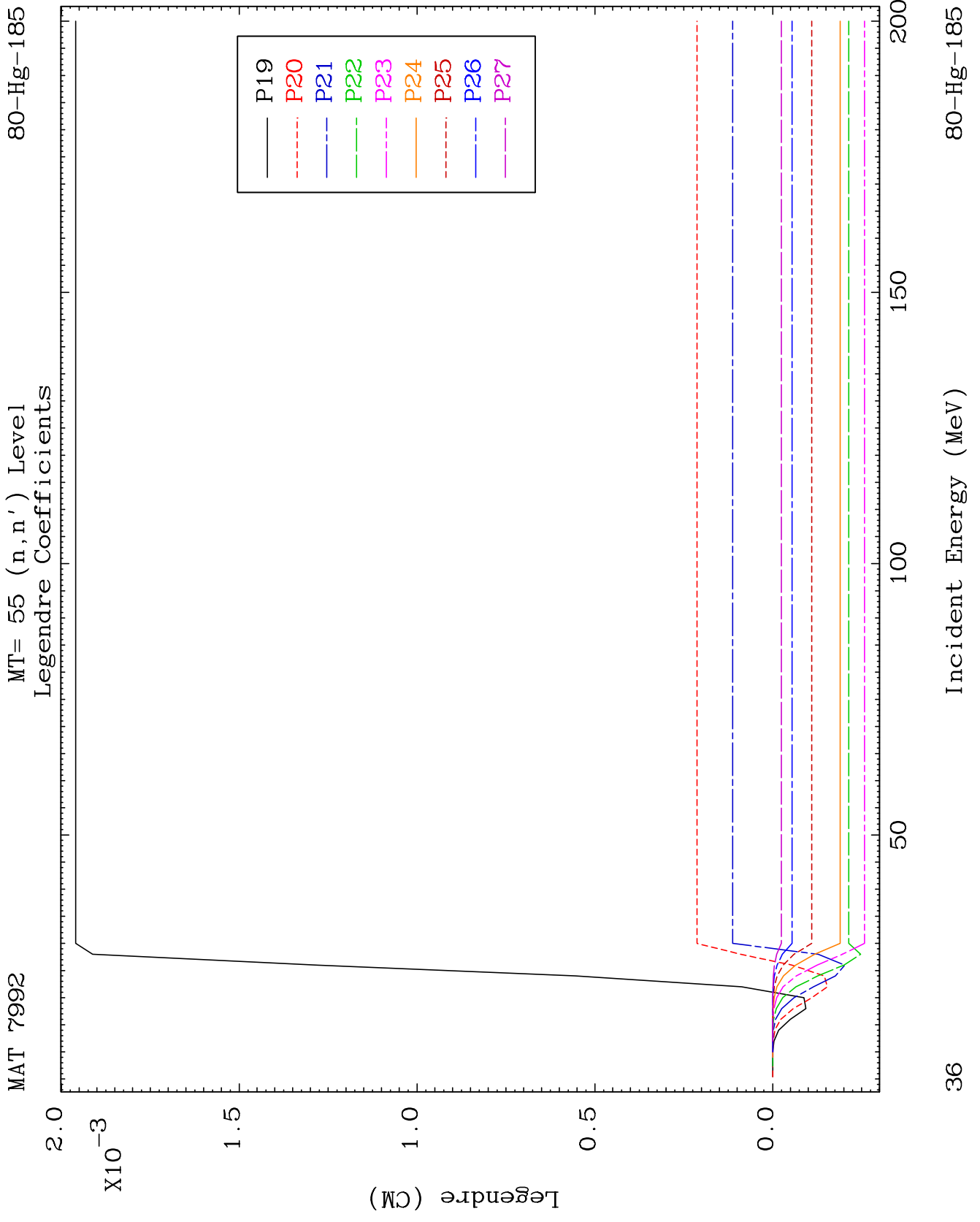
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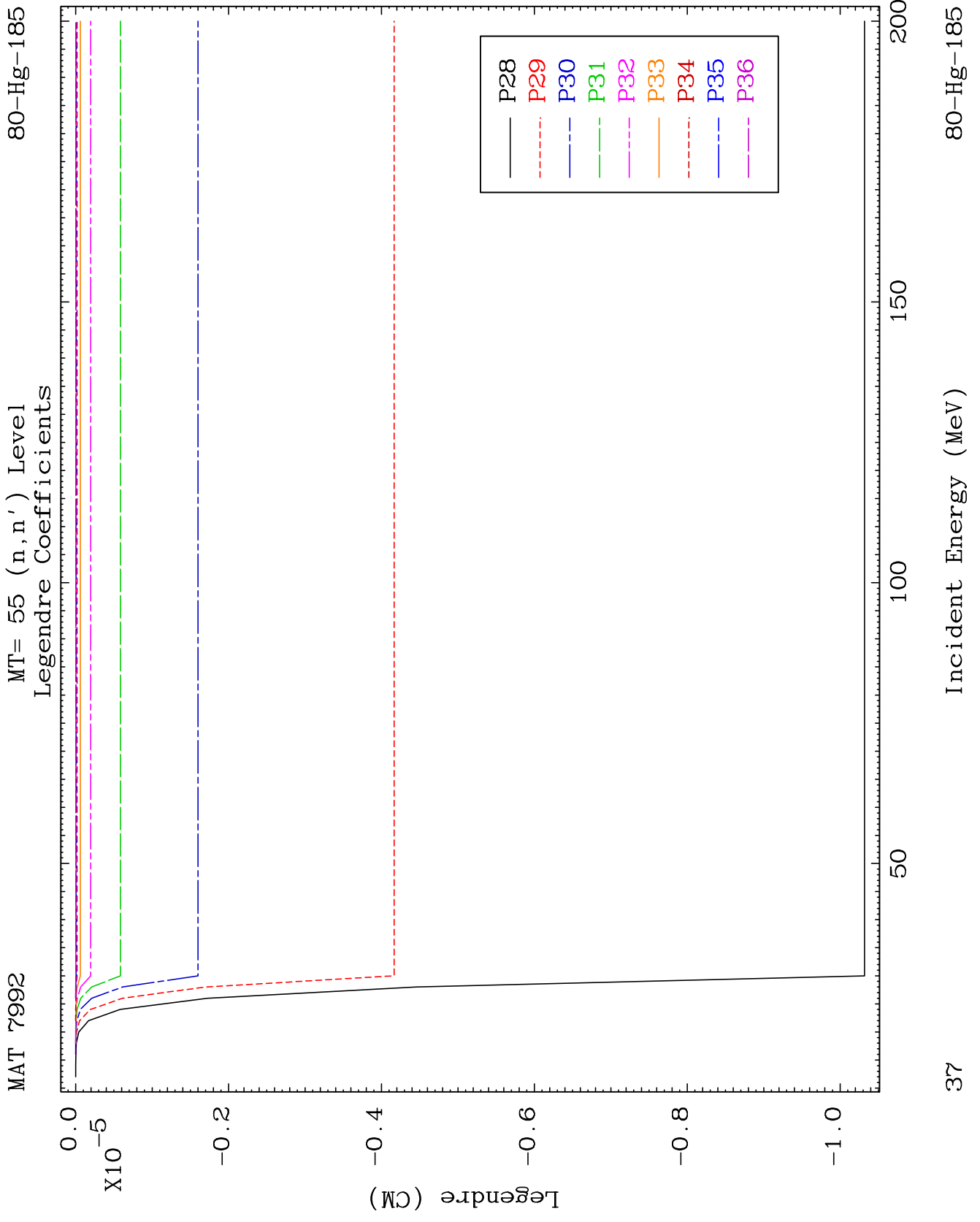


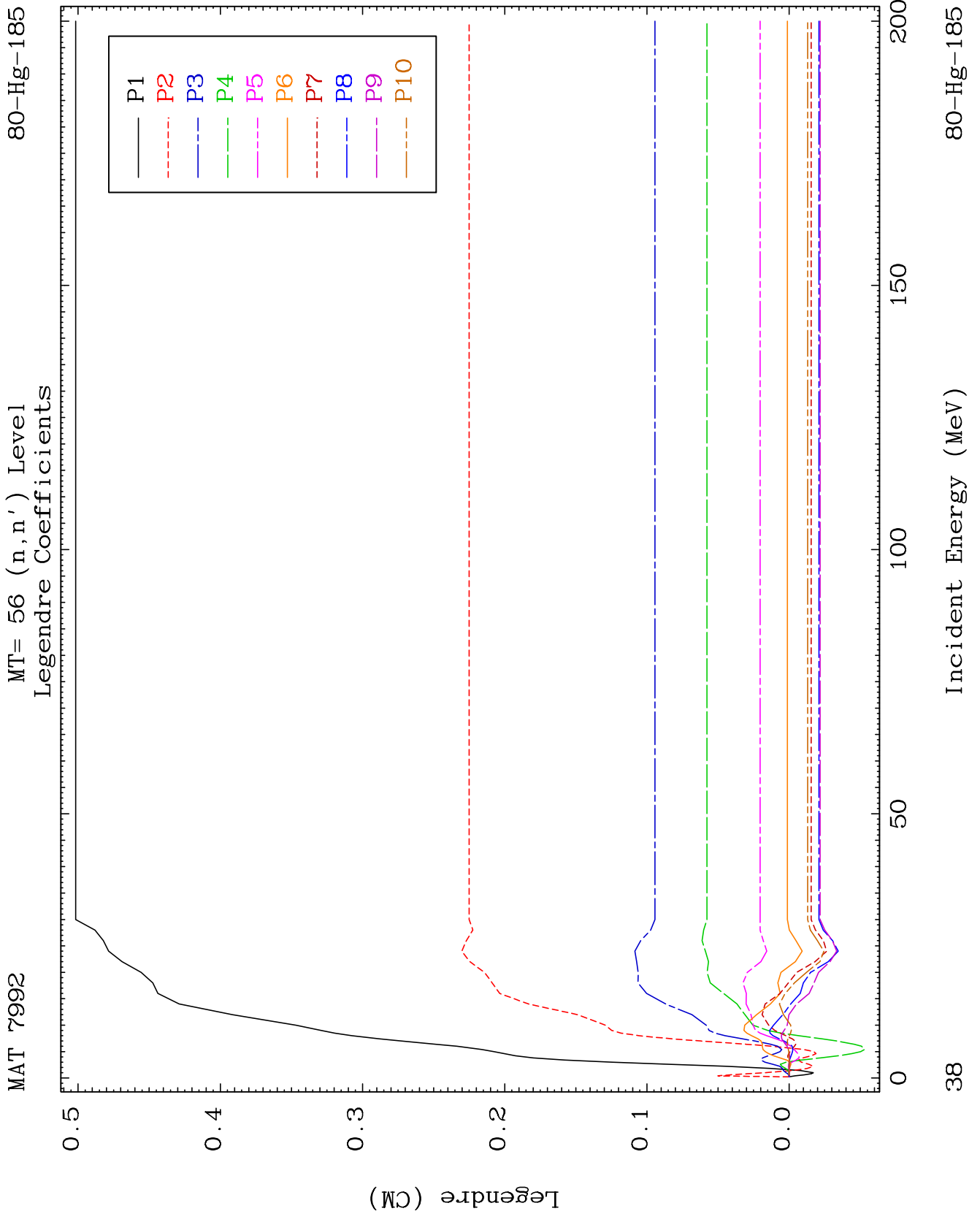
34

80-Hg-185





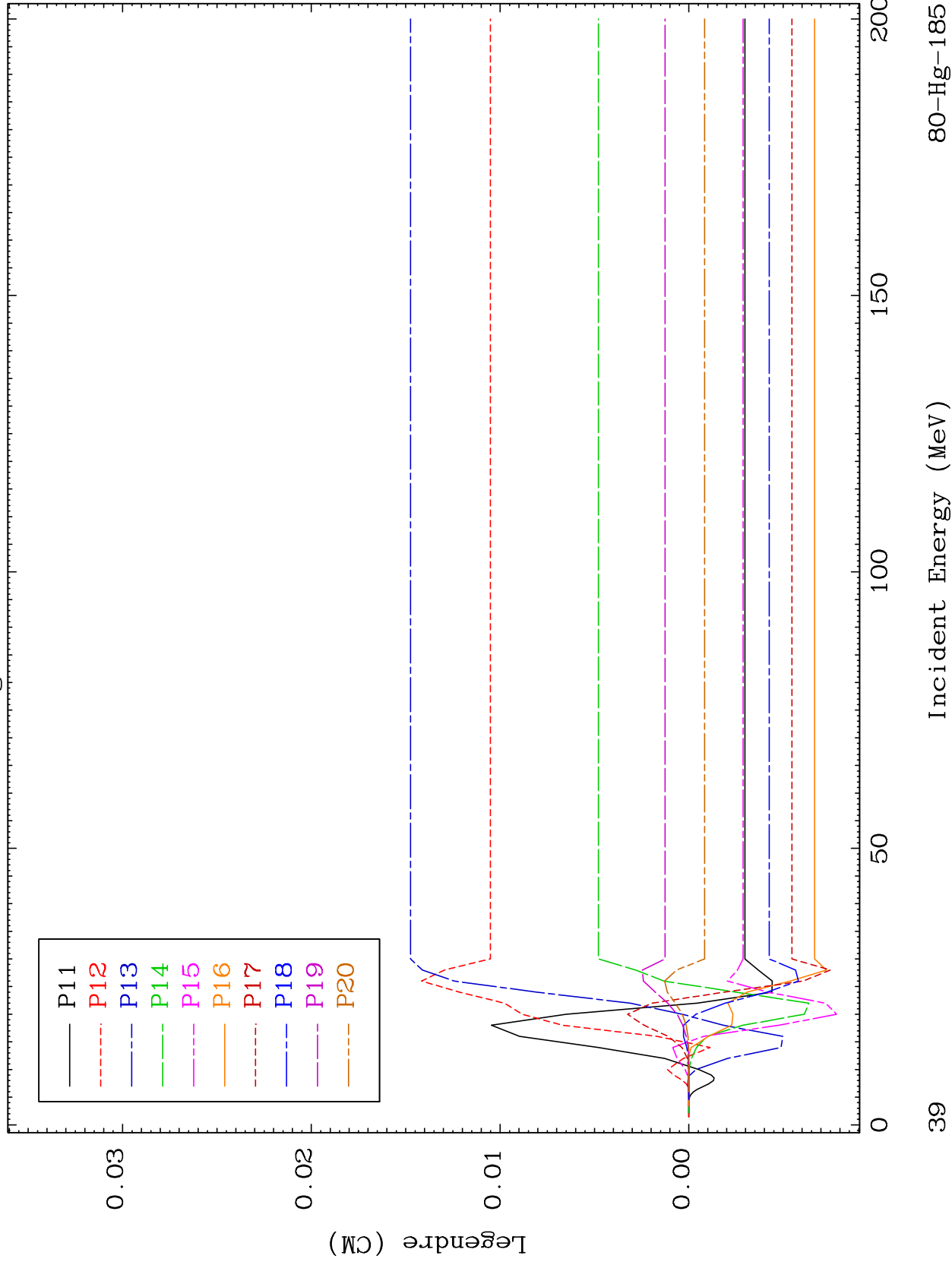




MAT 7992

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

80-Hg-185



39

Incident Energy (MeV)

80-Hg-185

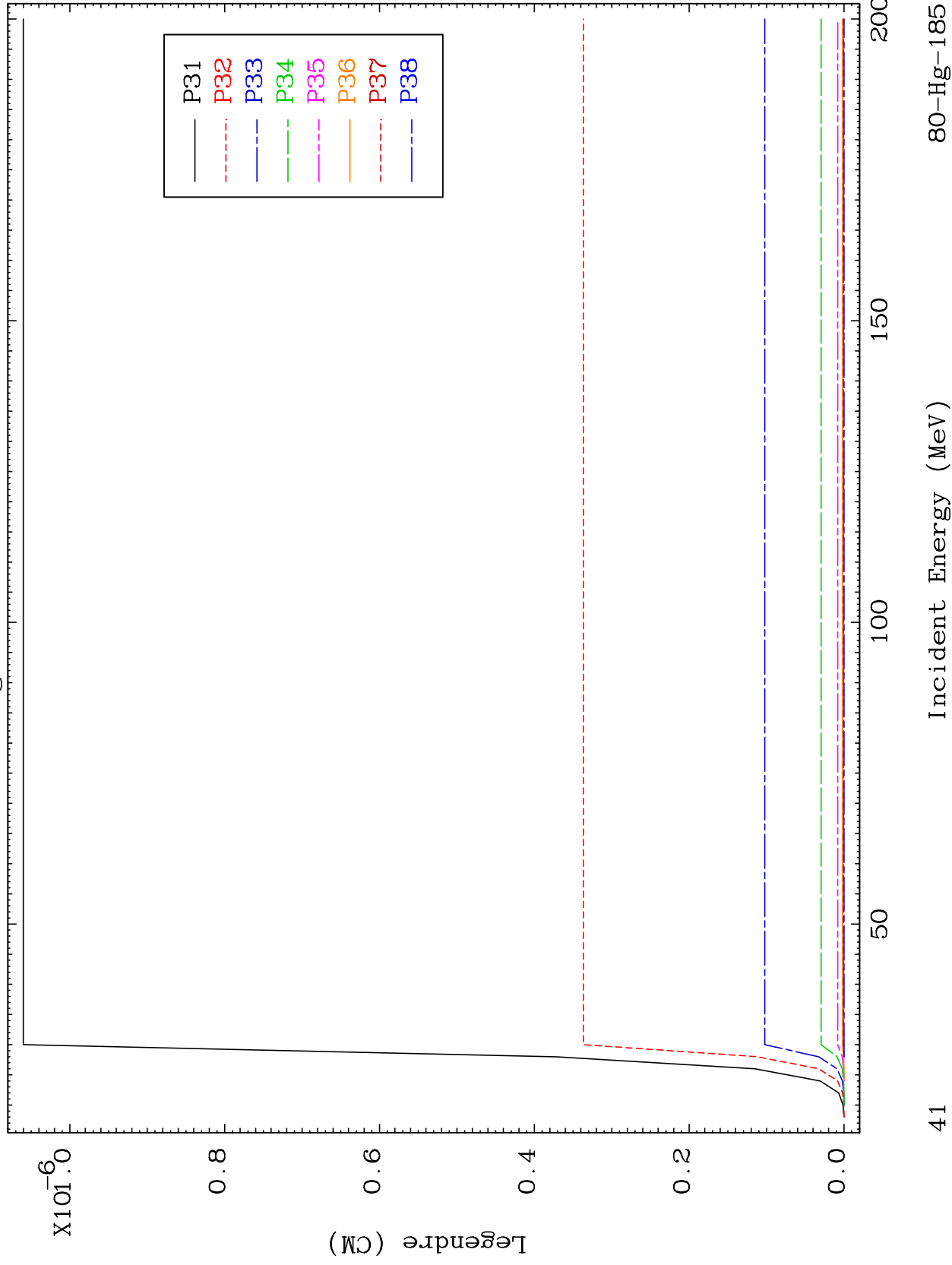




MAT 7992

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

80-Hg-185



41

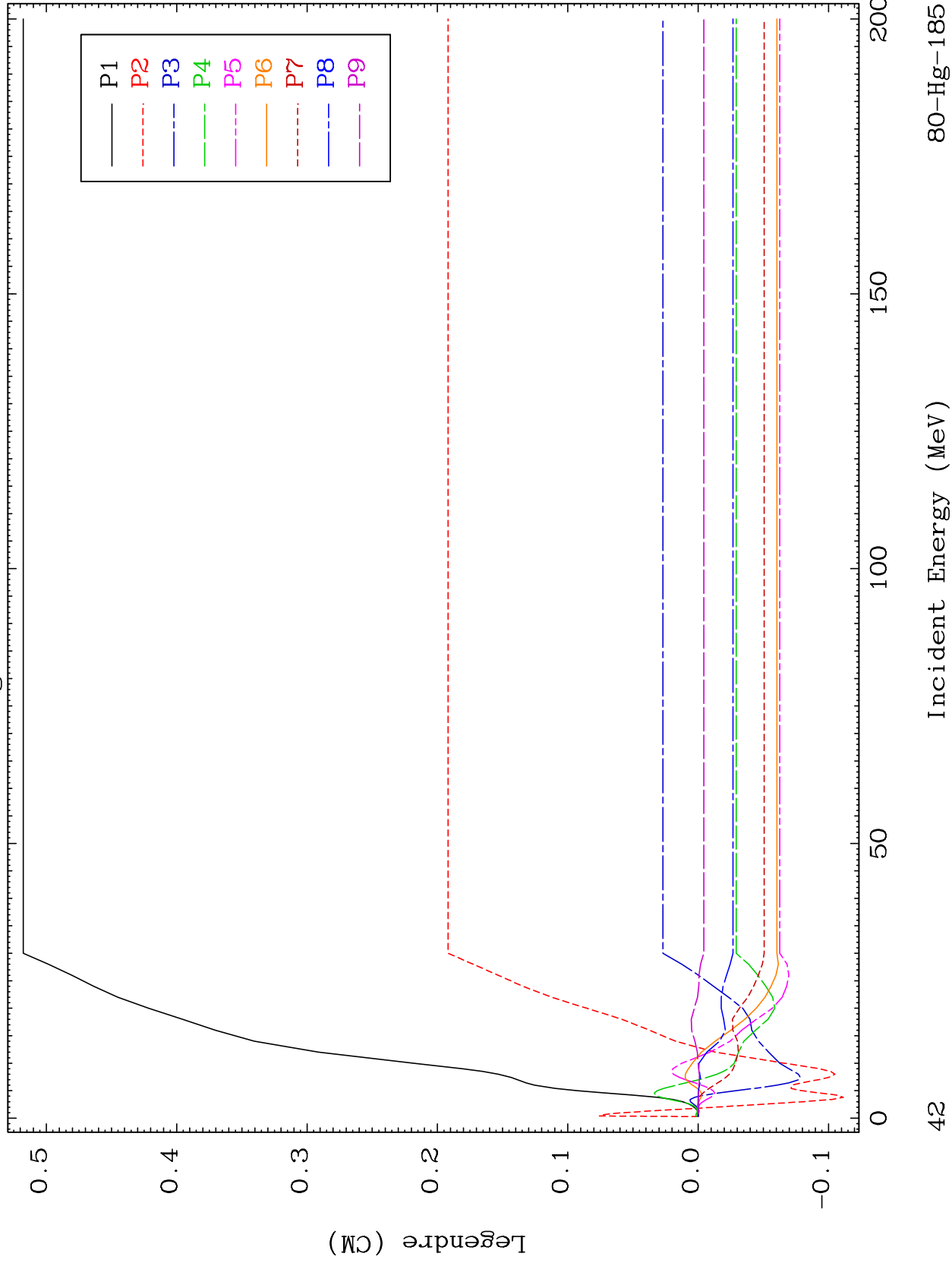
Incident Energy (MeV)

80-Hg-185

MAT 7992

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

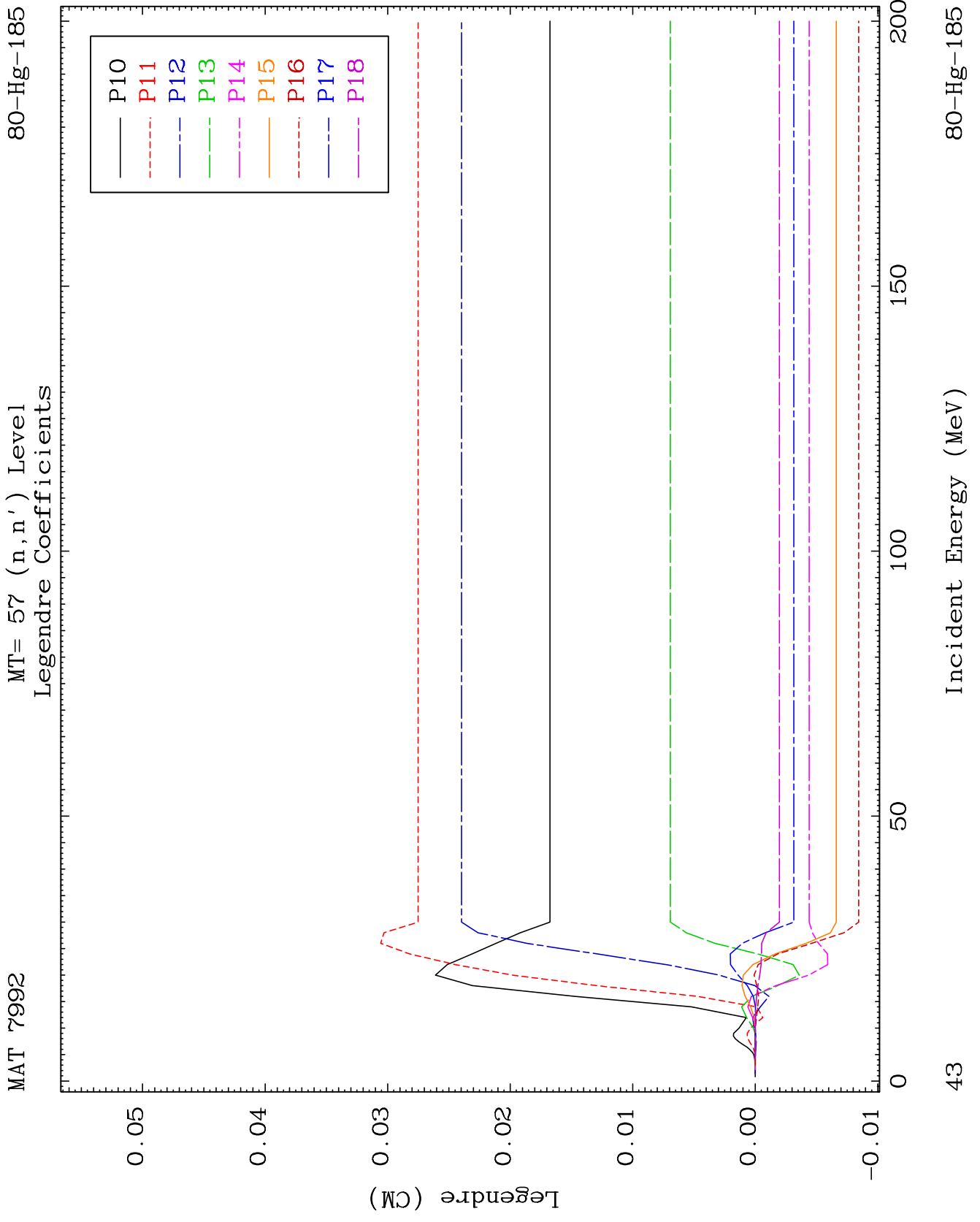
80-Hg-185



80-Hg-185

Incident Energy (MeV)

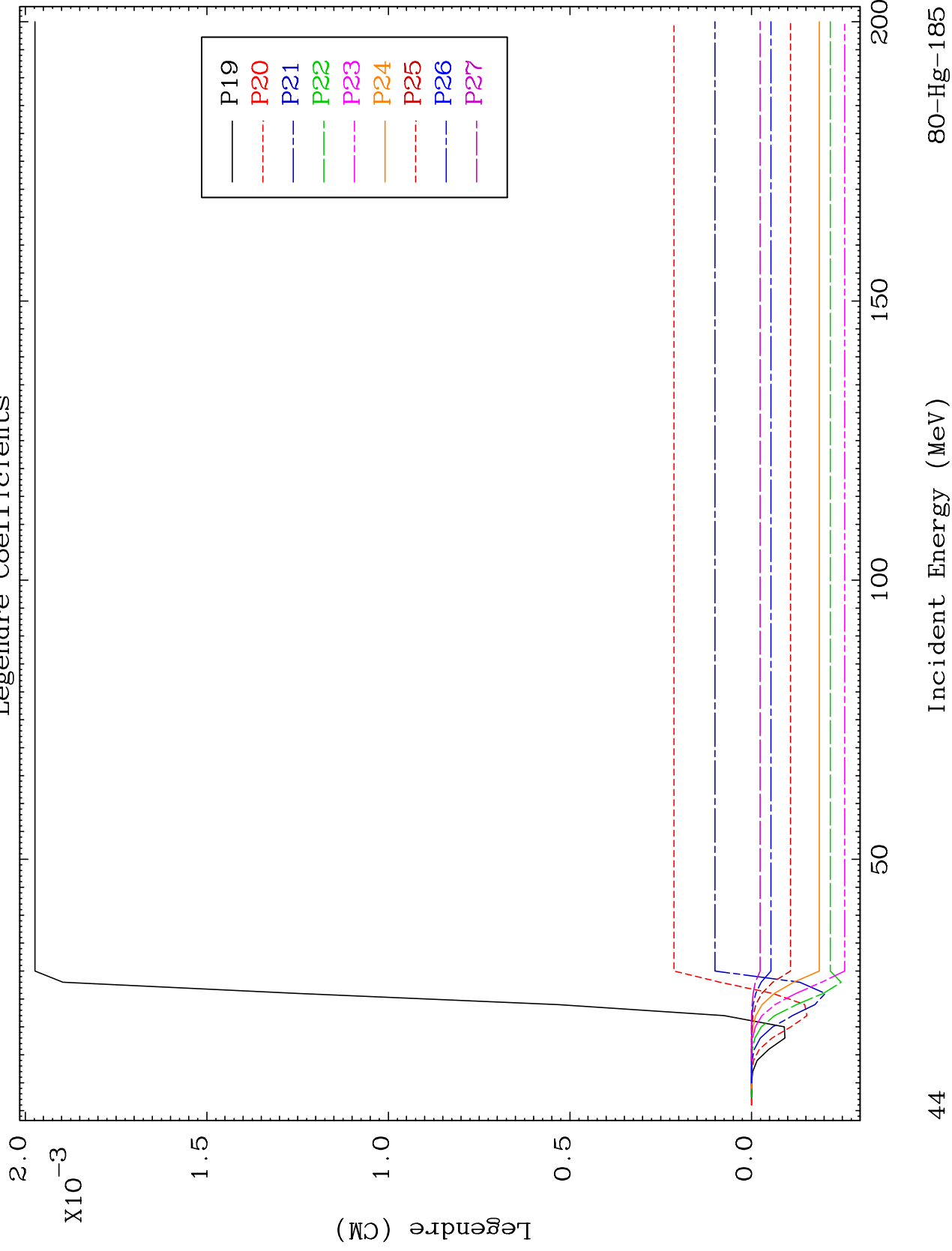
42



MAT 7992

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

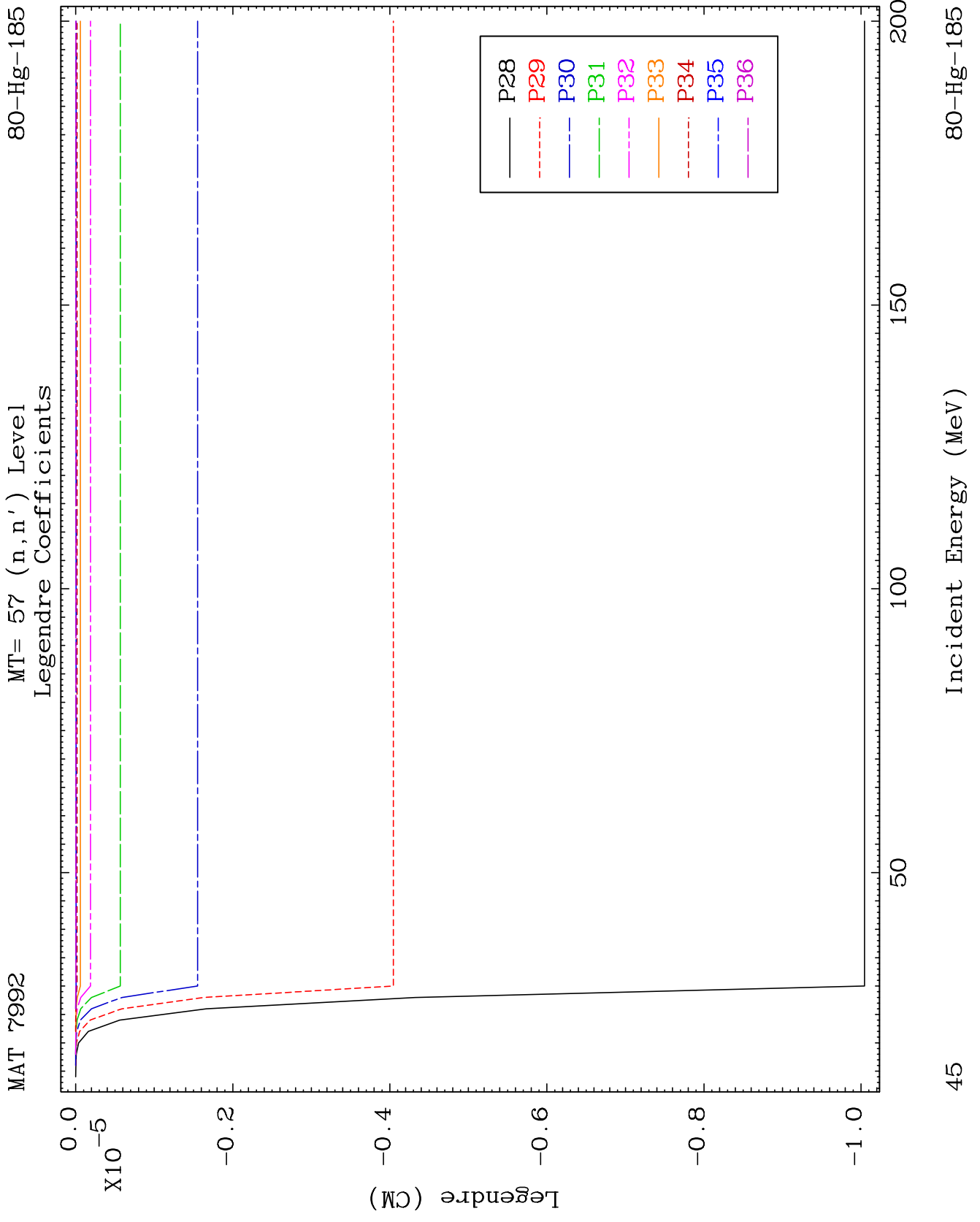
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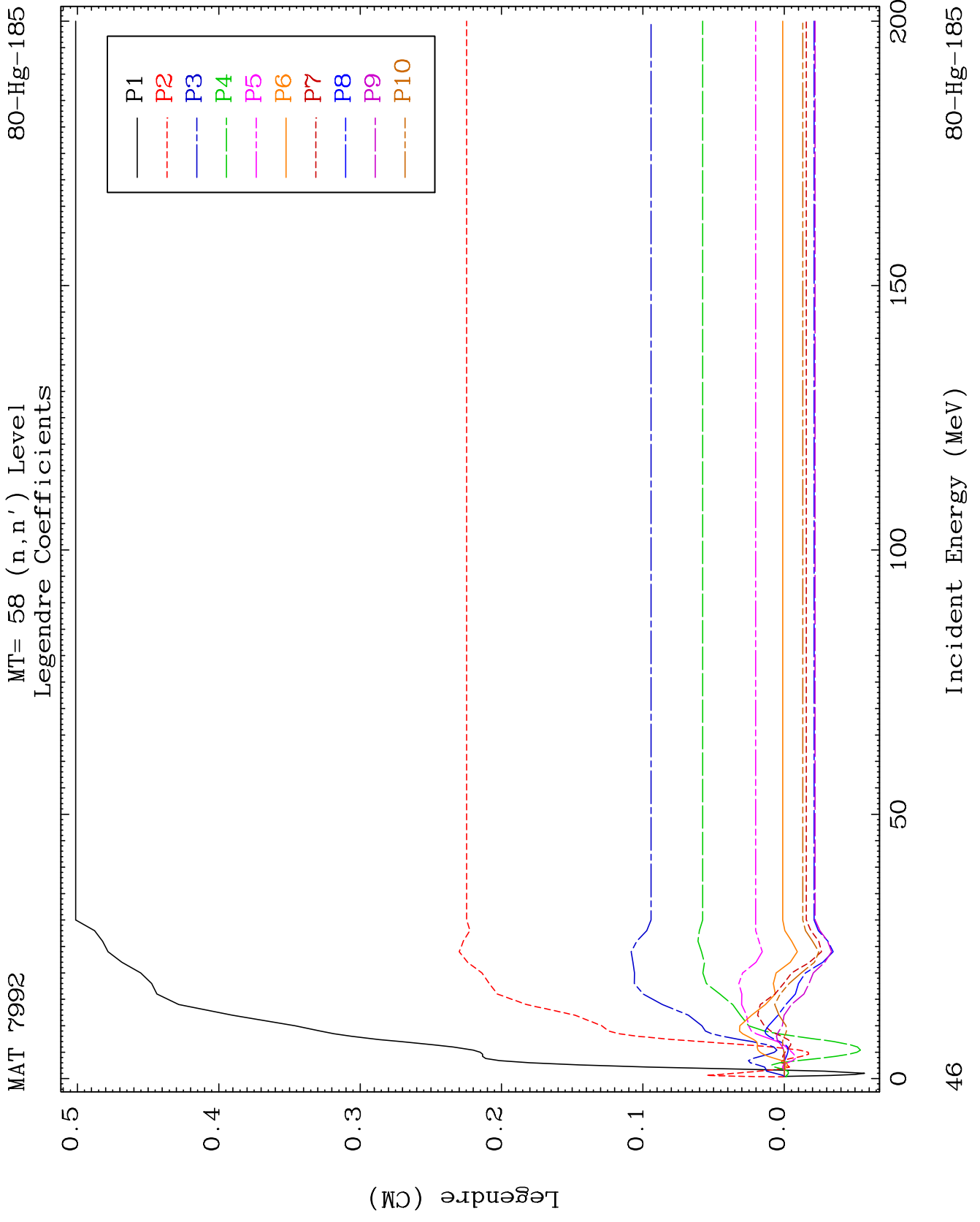


44

Incident Energy (MeV)

80-Hg-185

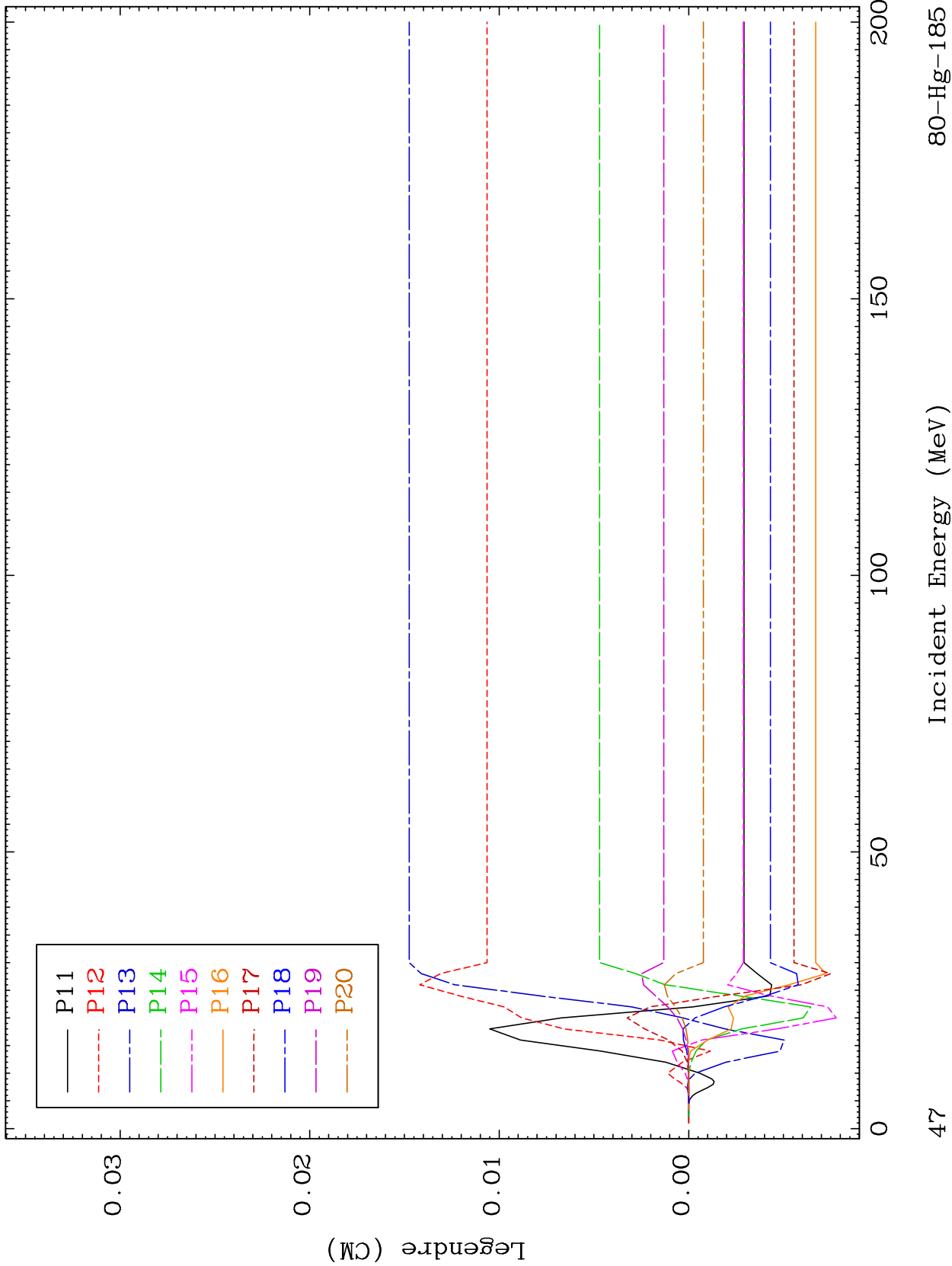




MAT 7992

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

80-Hg-185

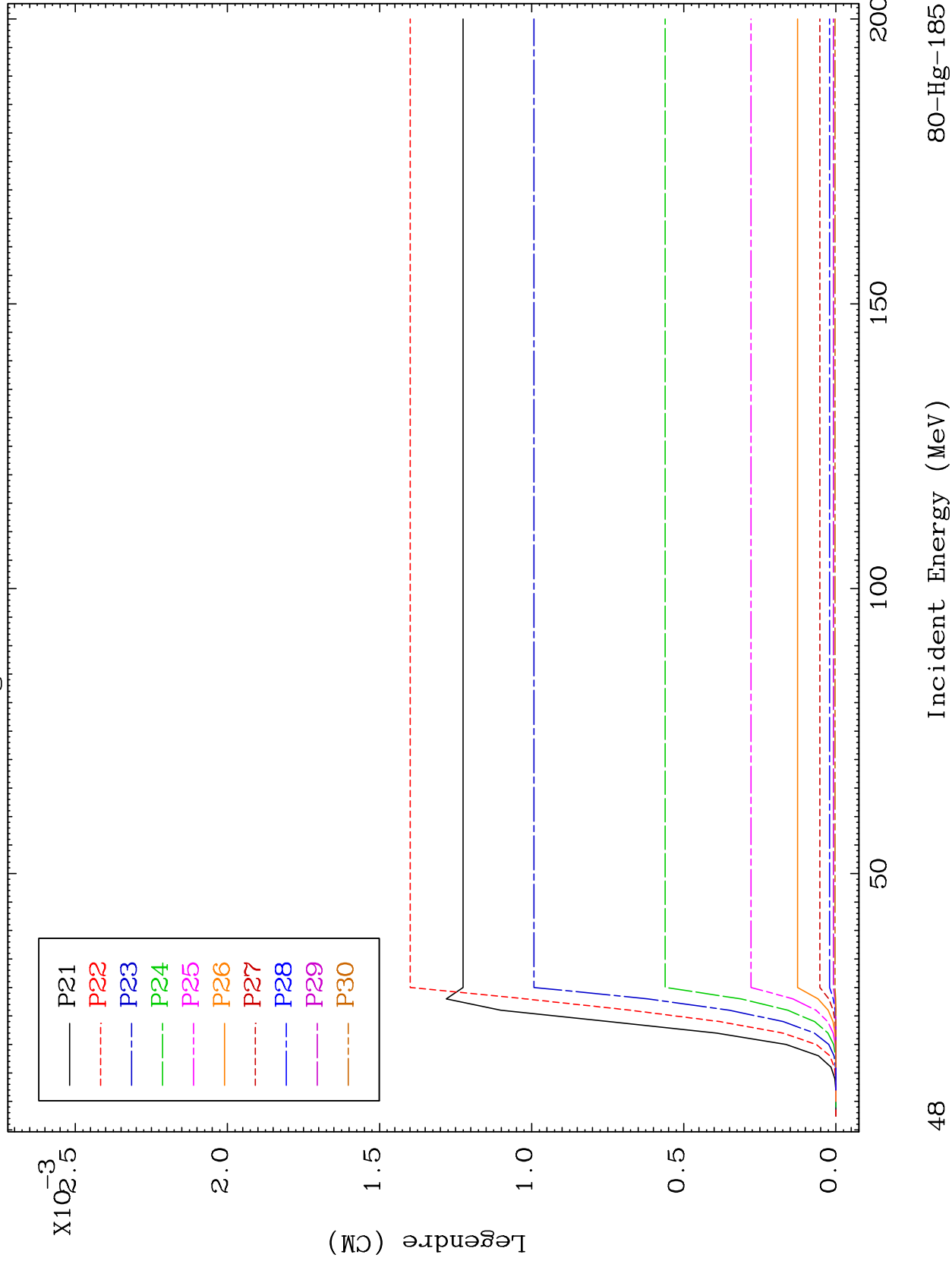




MAT 7992

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

80-Hg-185

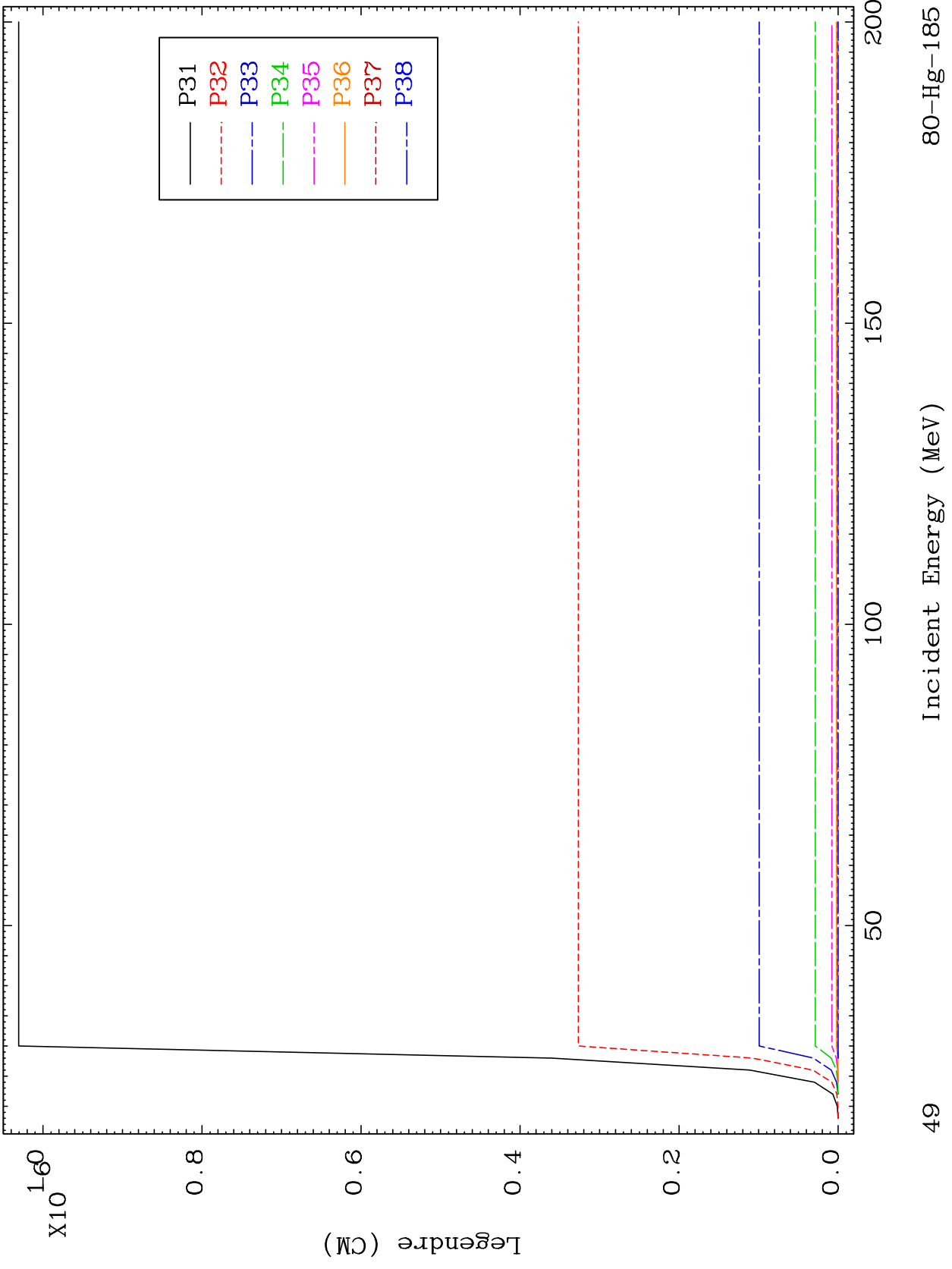


48

MAT 7992

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

80-Hg-185



49

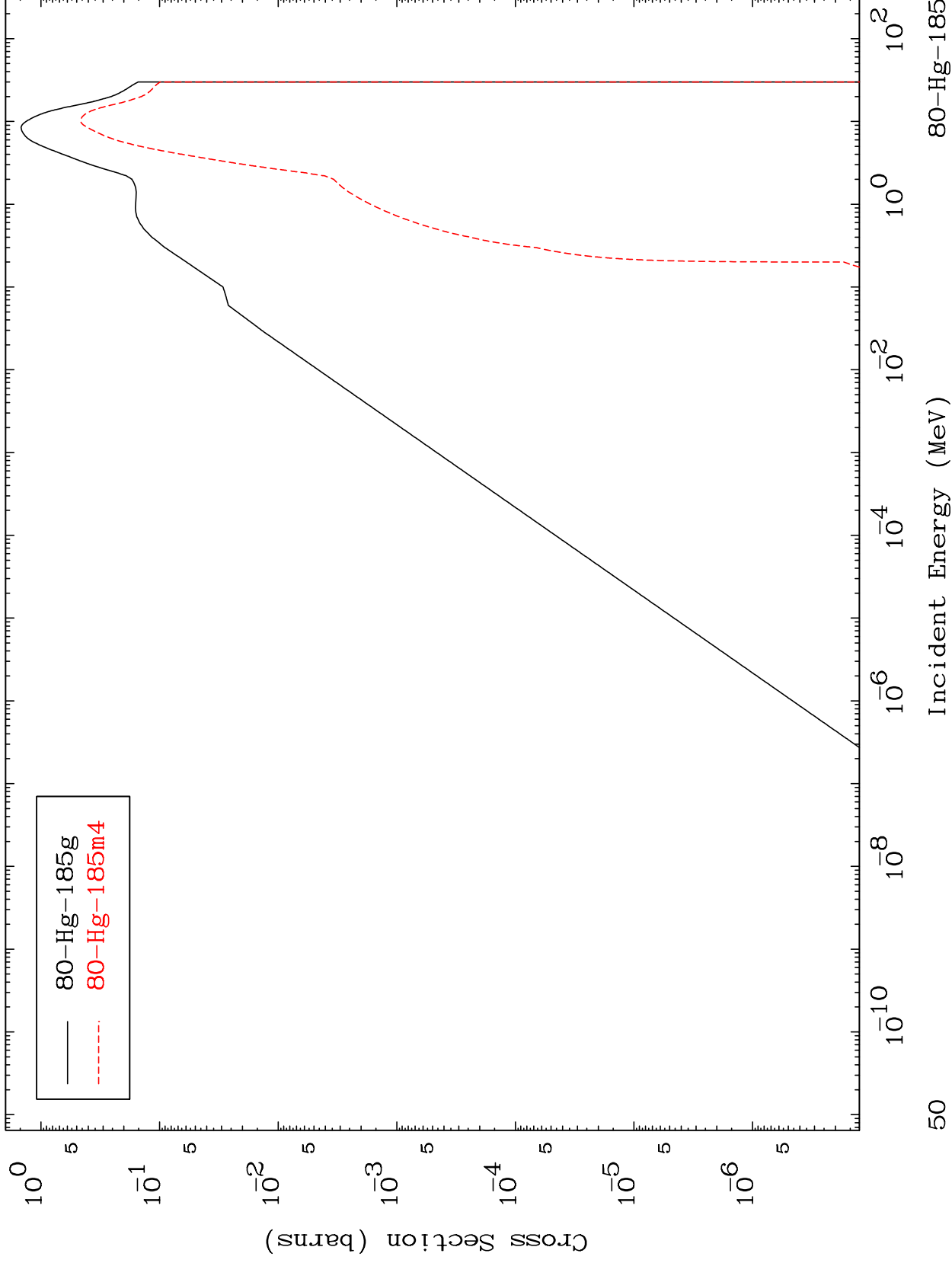
Incident Energy (MeV)

80-Hg-185

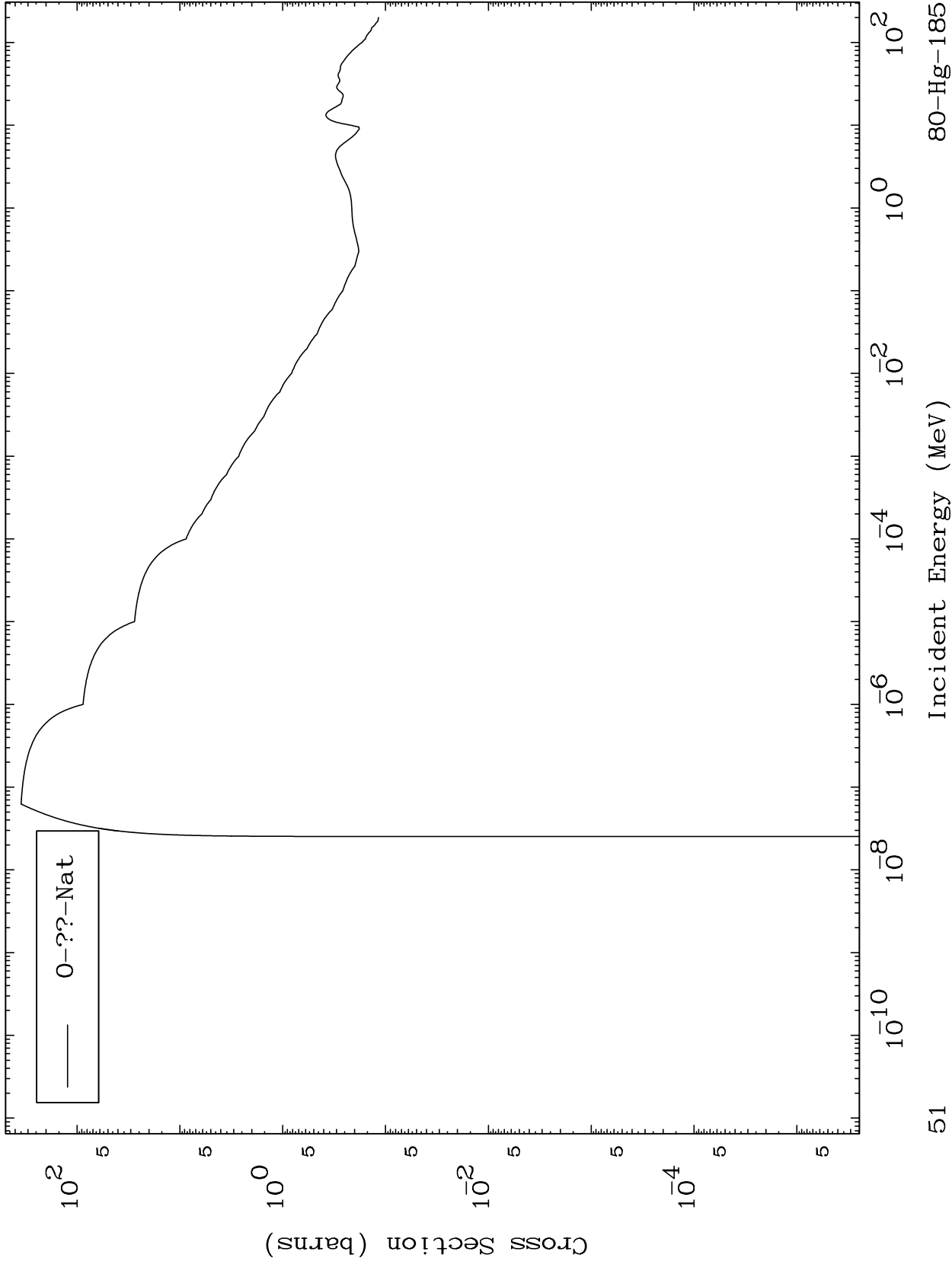
MAT 7992

Inelastic  
Radionuclide Production Cross Section

80-Hg-185



Fission  
Radionuclide Production Cross Section

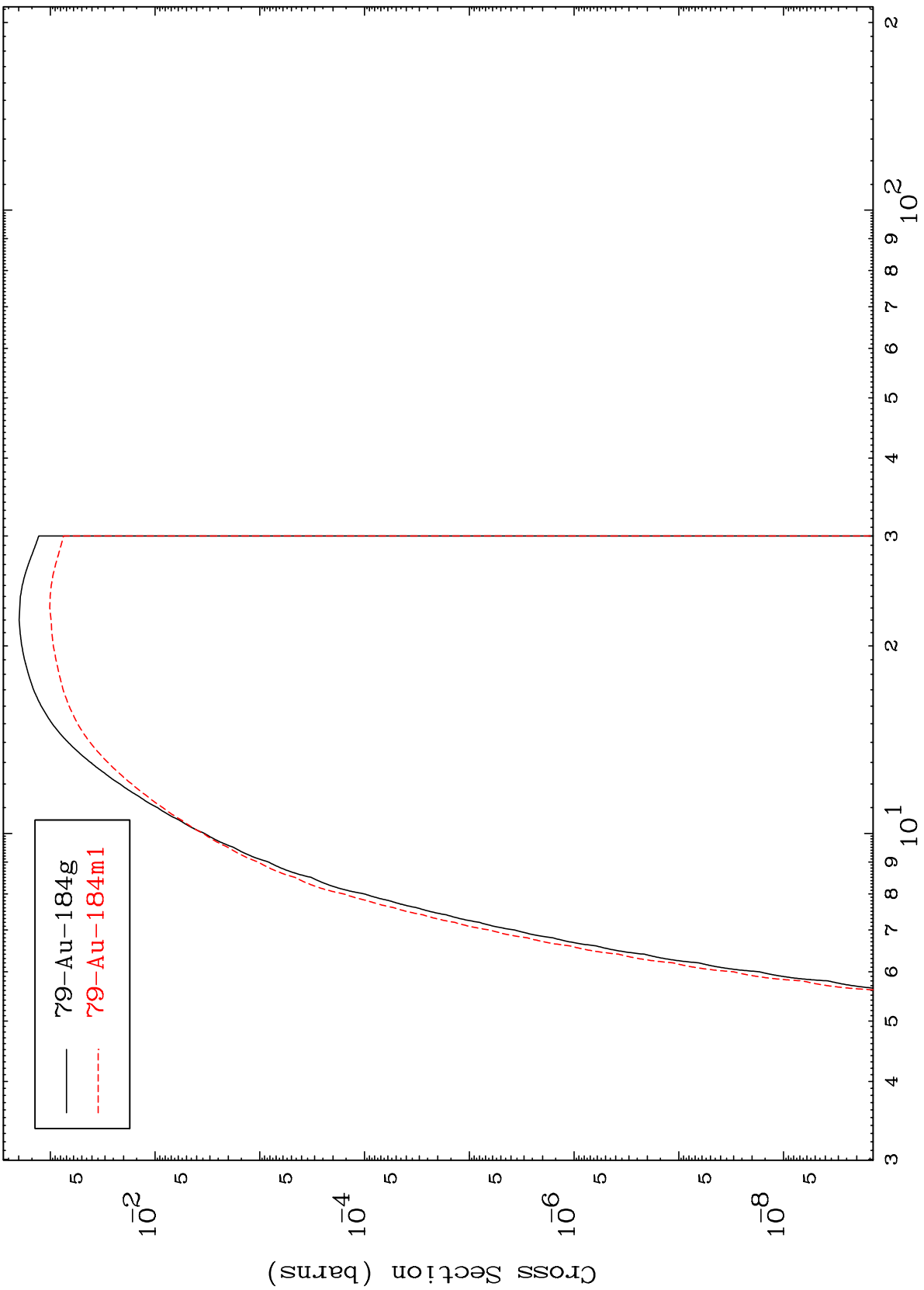


MAT 7992

(n,n') p

80-Hg-185

Radionuclide Production Cross Section



—  $^{79}\text{Au-184g}$   
- - -  $^{79}\text{Au-184m1}$

Incident Energy (MeV)

80-Hg-185

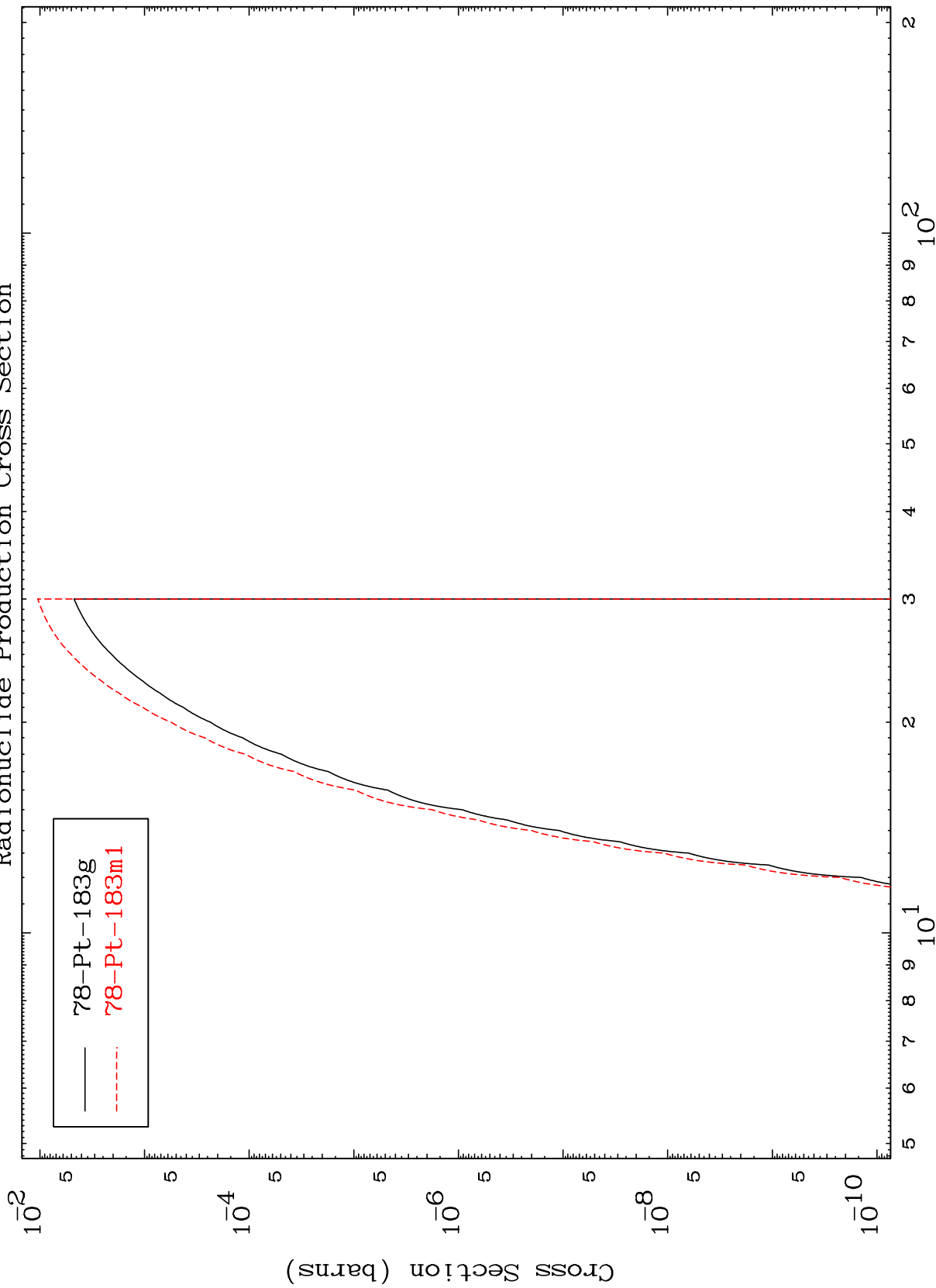
52

MAT 7992

(n,2n) p

80-Hg-185

Radionuclide Production Cross Section



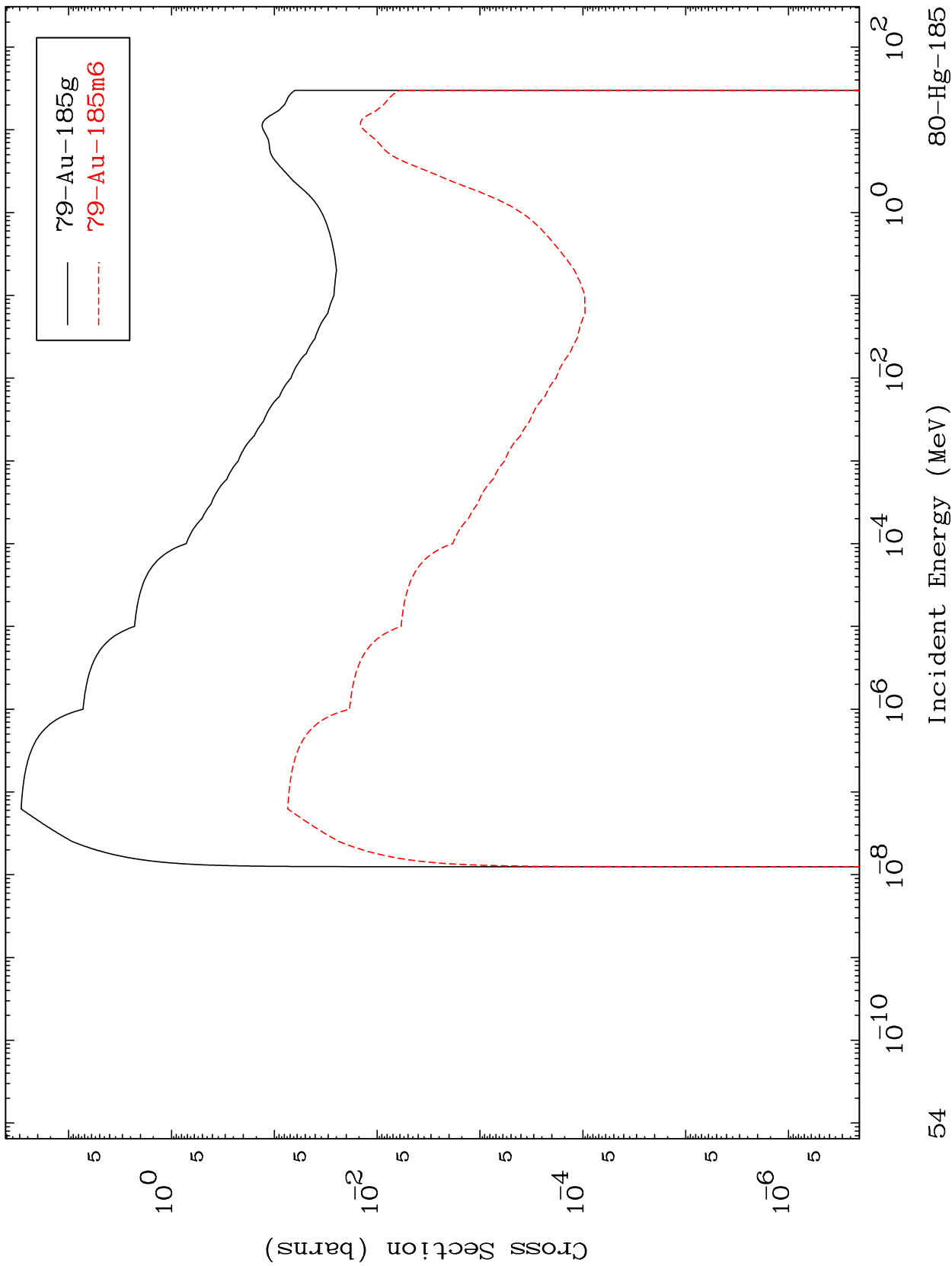
78-Pt-183g  
78-Pt-183m1

Incident Energy (MeV)

80-Hg-185

53

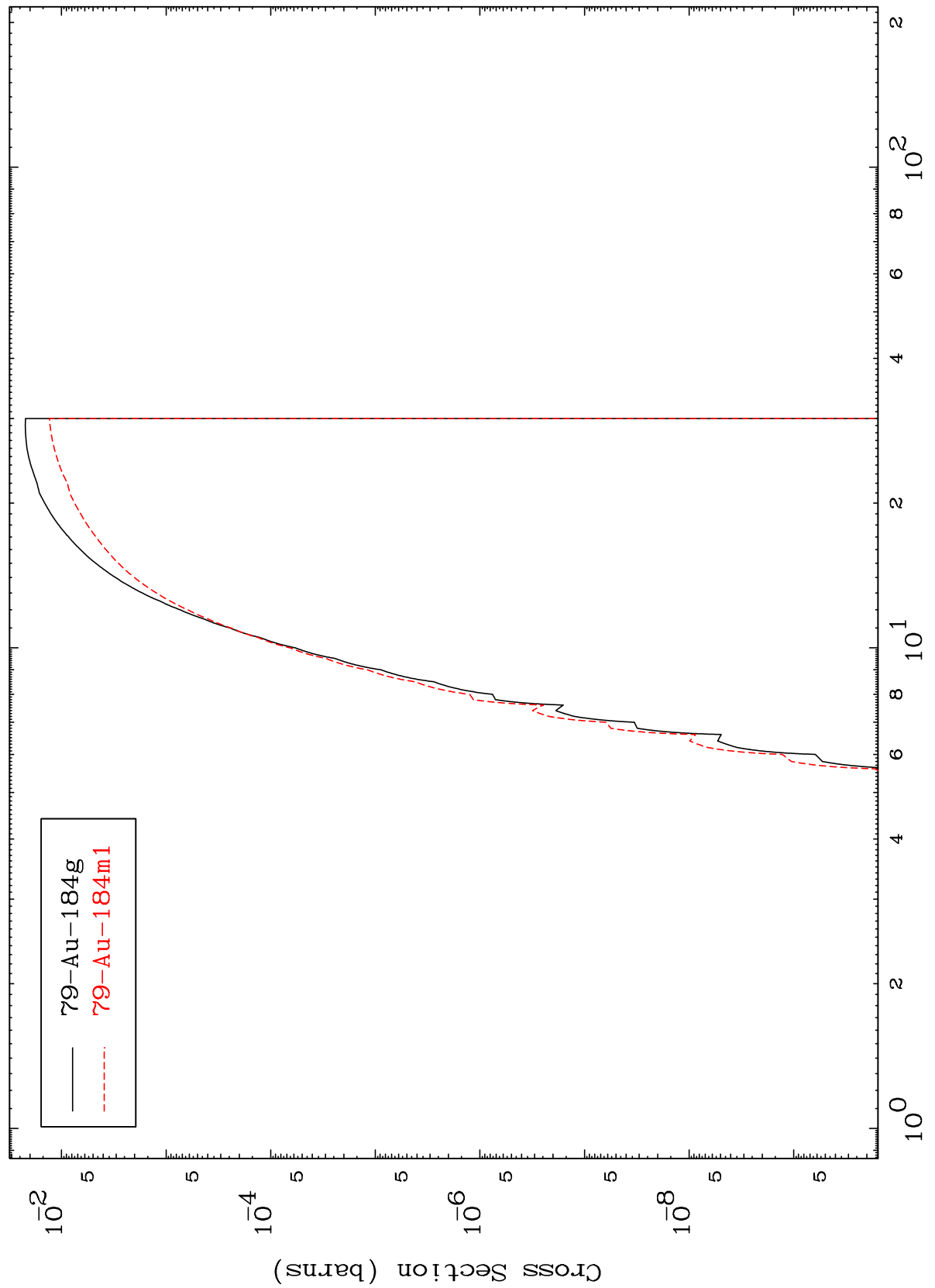
(n,p)  
Radionuclide Production Cross Section



MAT 7992

80-Hg-185

(n,d)  
Radionuclide Production Cross Section



55

Incident Energy (MeV)

80-Hg-185

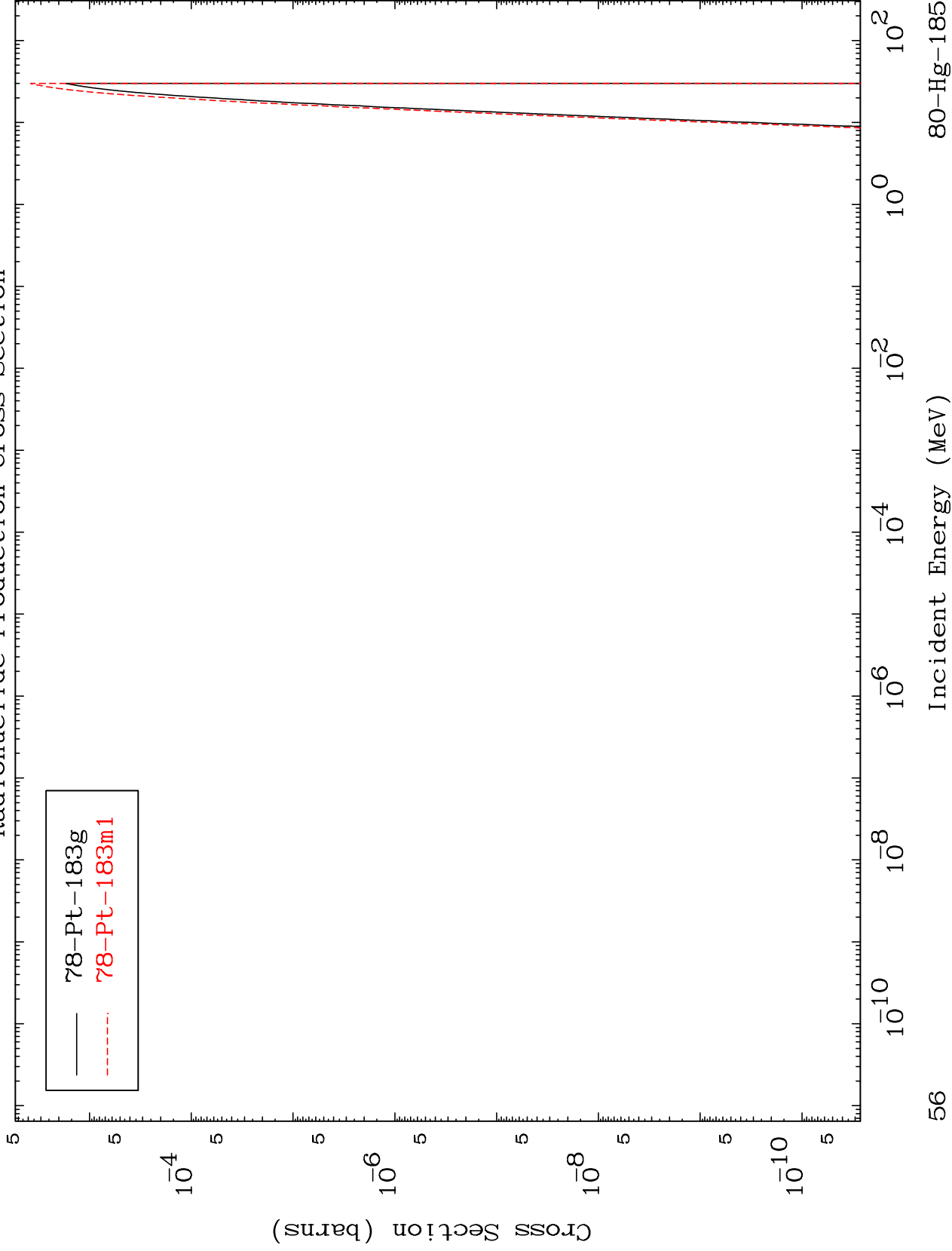


MAT 7992

(n,He-3)

80-Hg-185

Radionuclide Production Cross Section



56

Incident Energy (MeV)

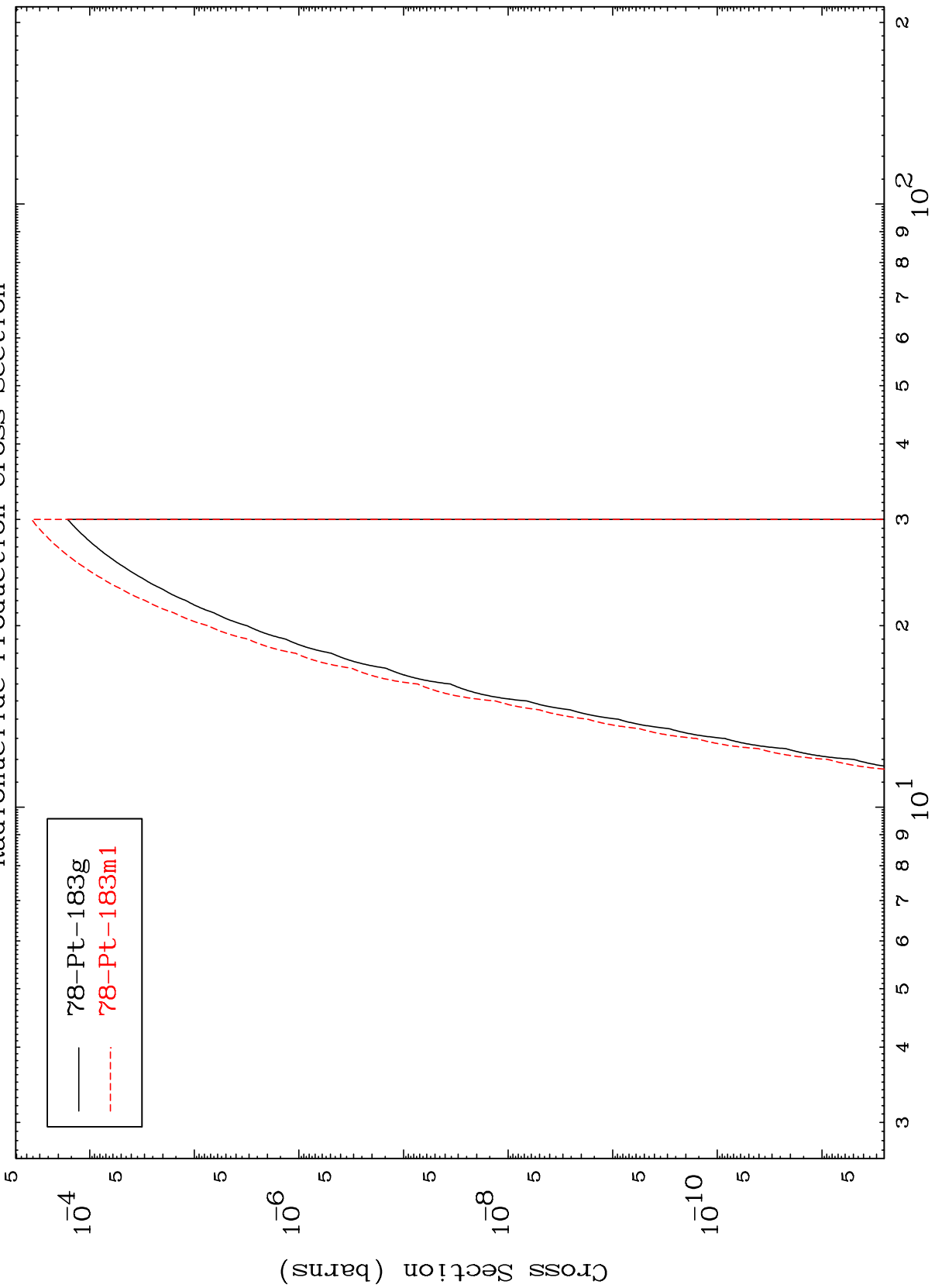
80-Hg-185

MAT 7992

(n,p) d

80-Hg-185

Radionuclide Production Cross Section



57

Incident Energy (MeV)

80-Hg-185