

Program EVALPLOT  
(Version 2018-1)

by

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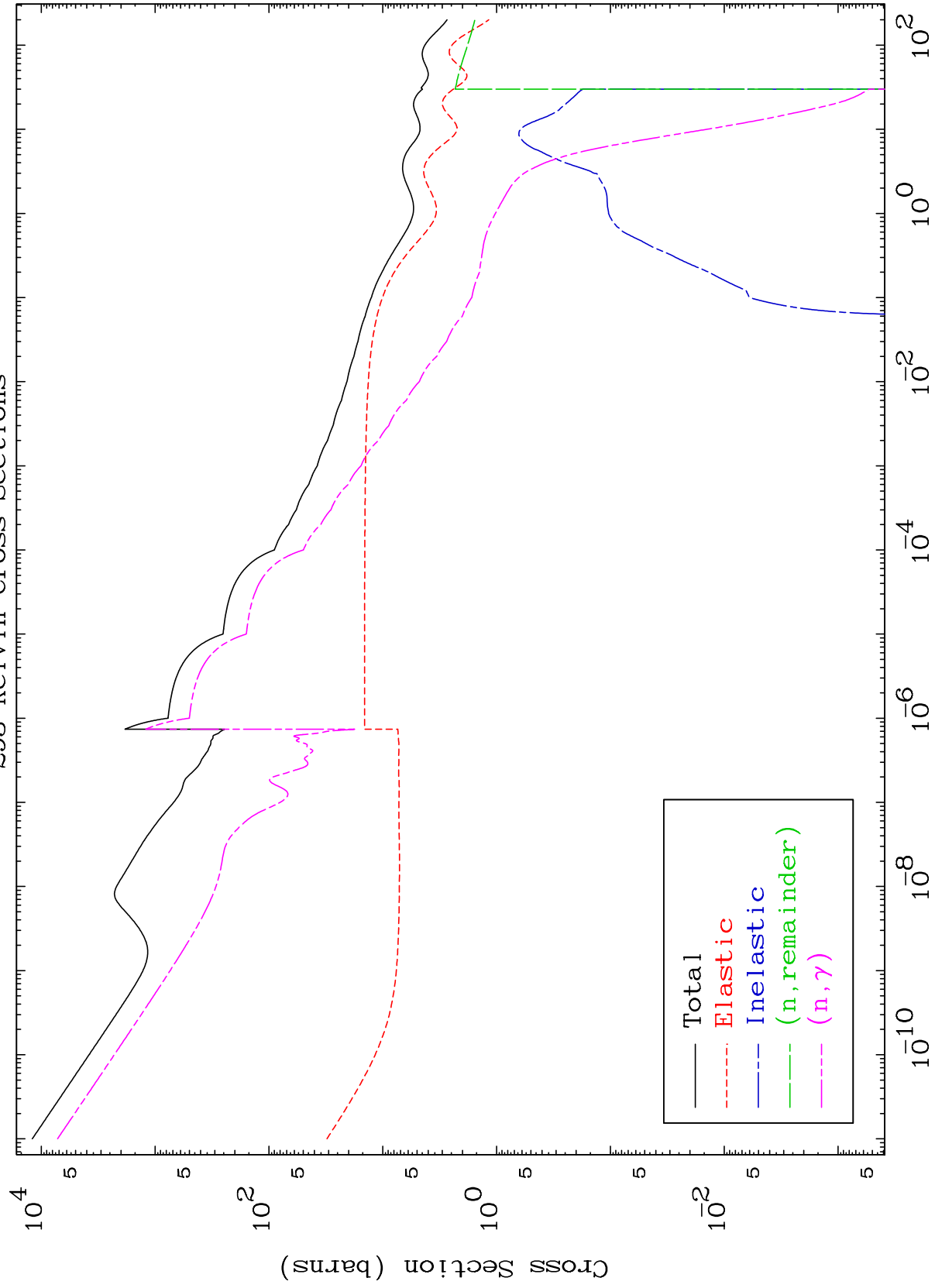
Press Mouse Button to Start

MAT 7974

Major

293 Kelvin Cross Sections

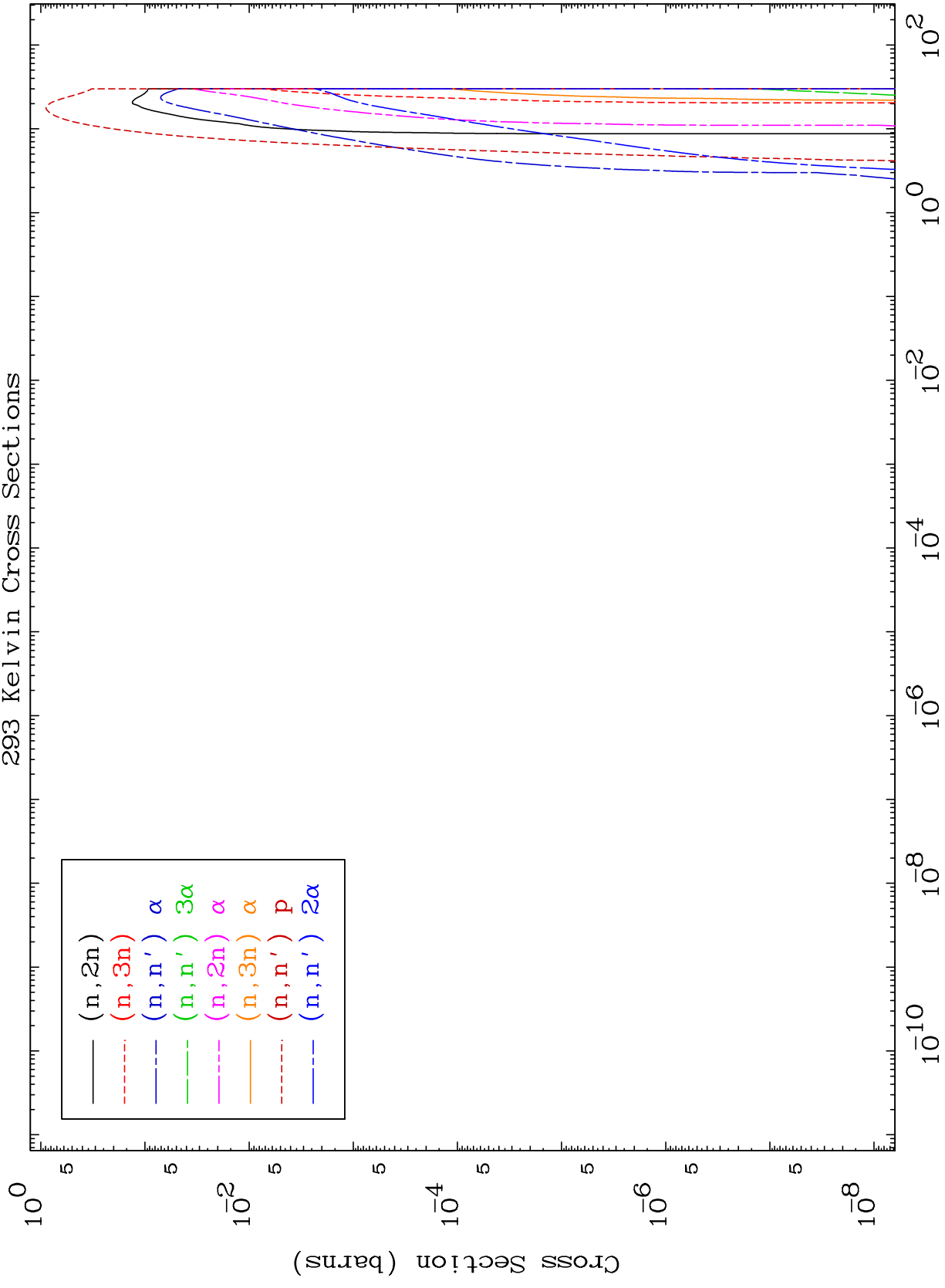
80-Hg-179



MAT 7974

Neutron Production  
293 Kelvin Cross Sections

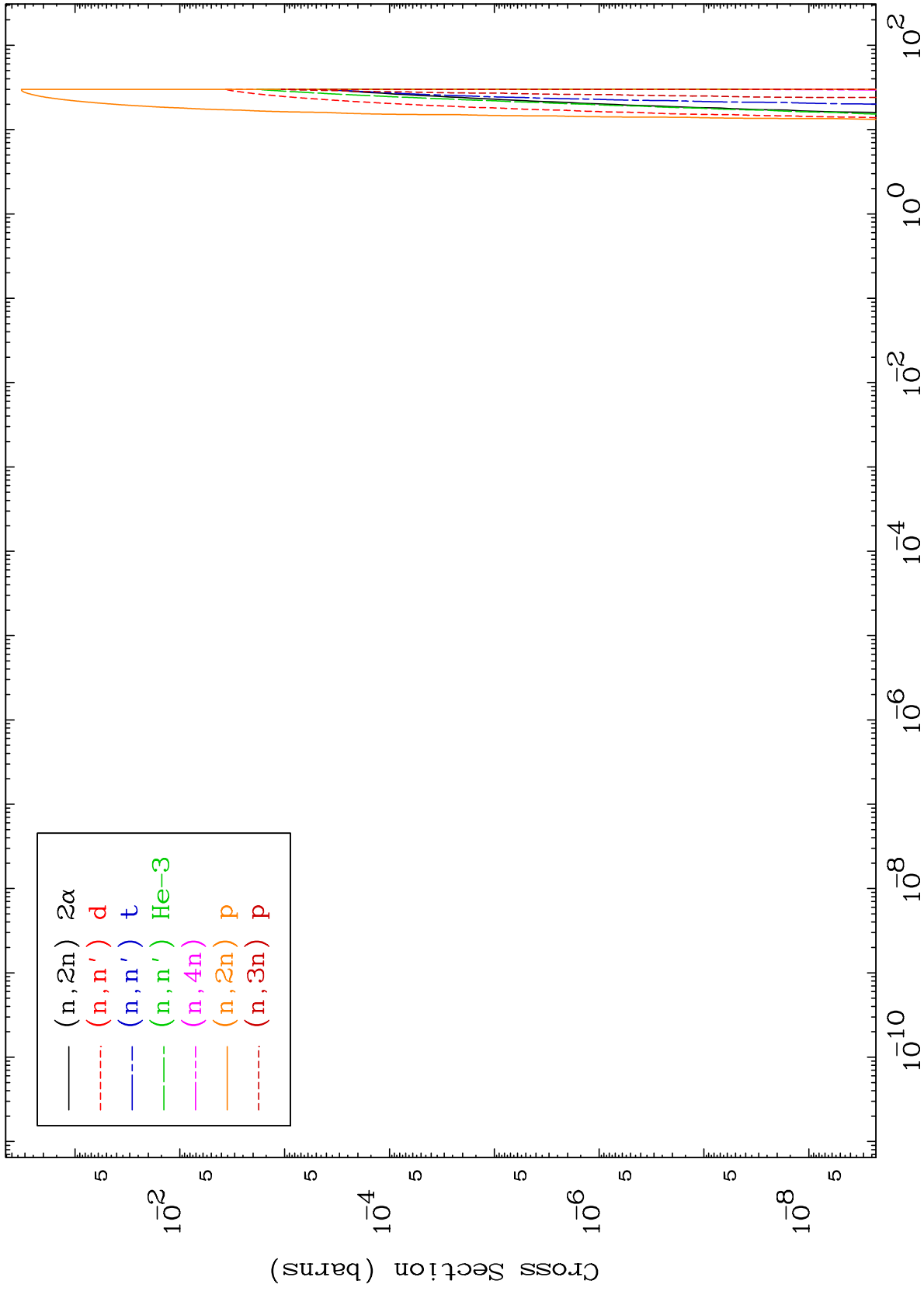
80-Hg-179



MAT 7974

Neutron Production  
293 Kelvin Cross Sections

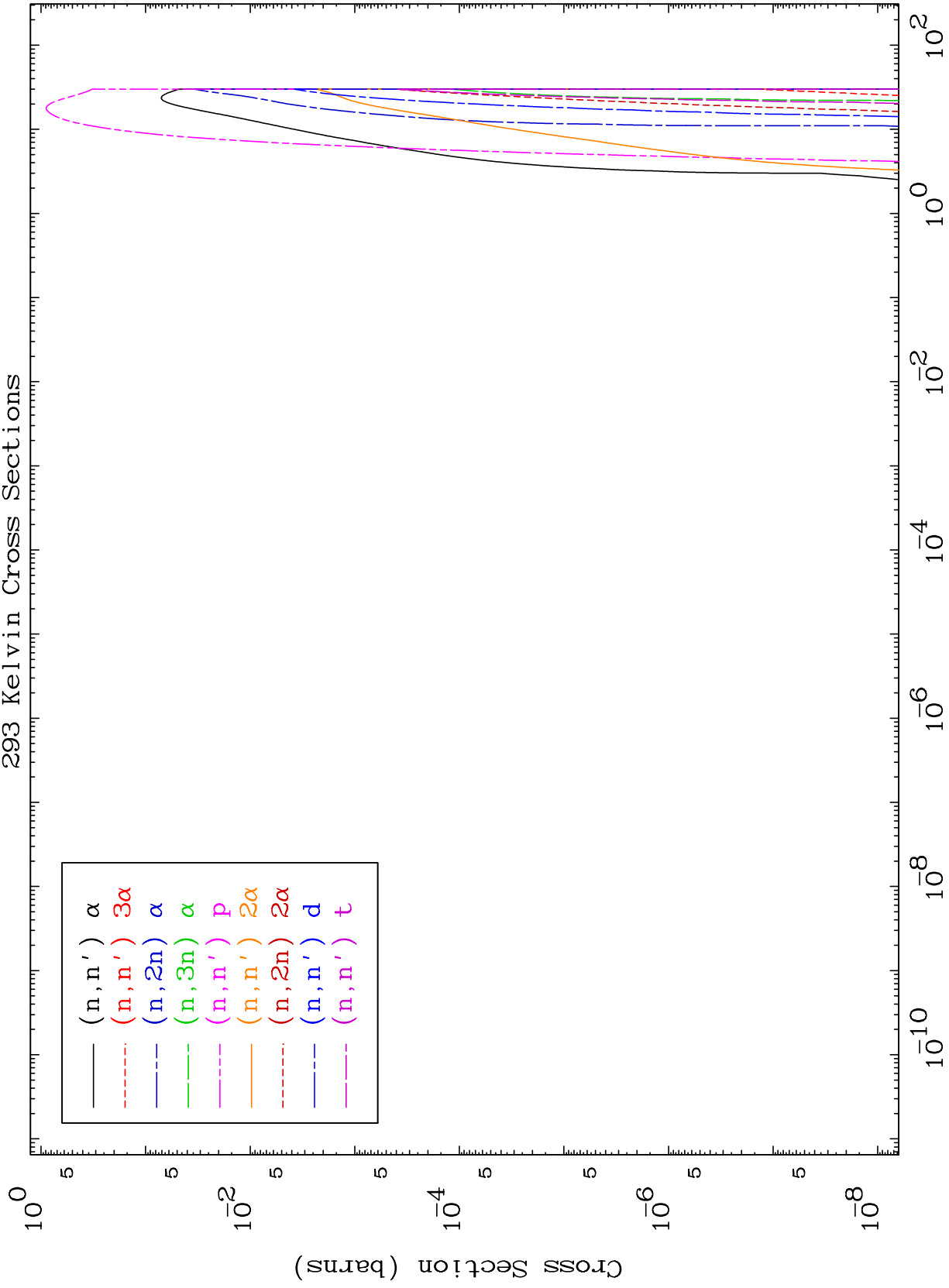
80-Hg-179



MAT 7974

293 Kelvin Cross Sections

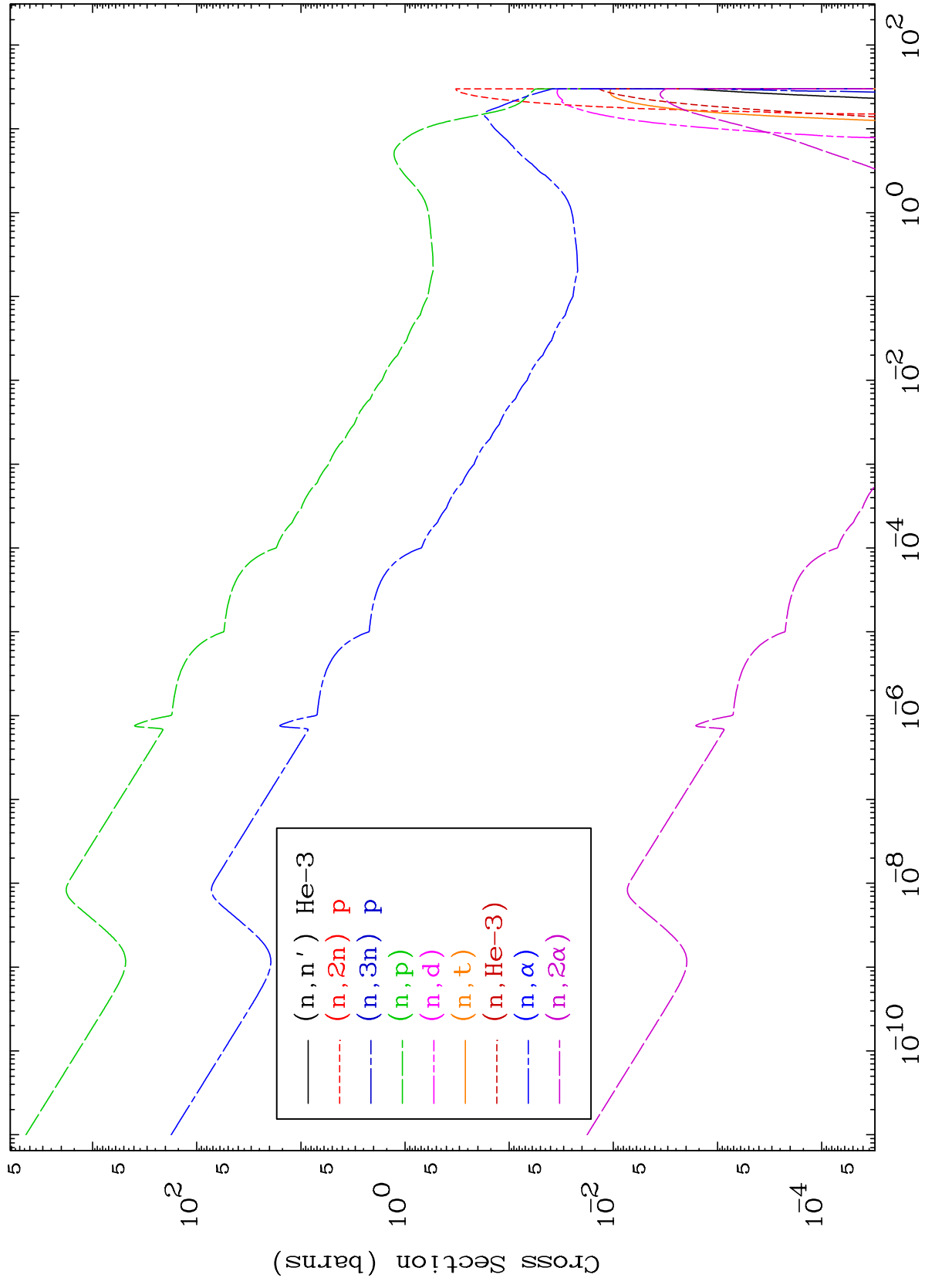
80-Hg-179



MAT 7974

Charged Particle  
293 Kelvin Cross Sections

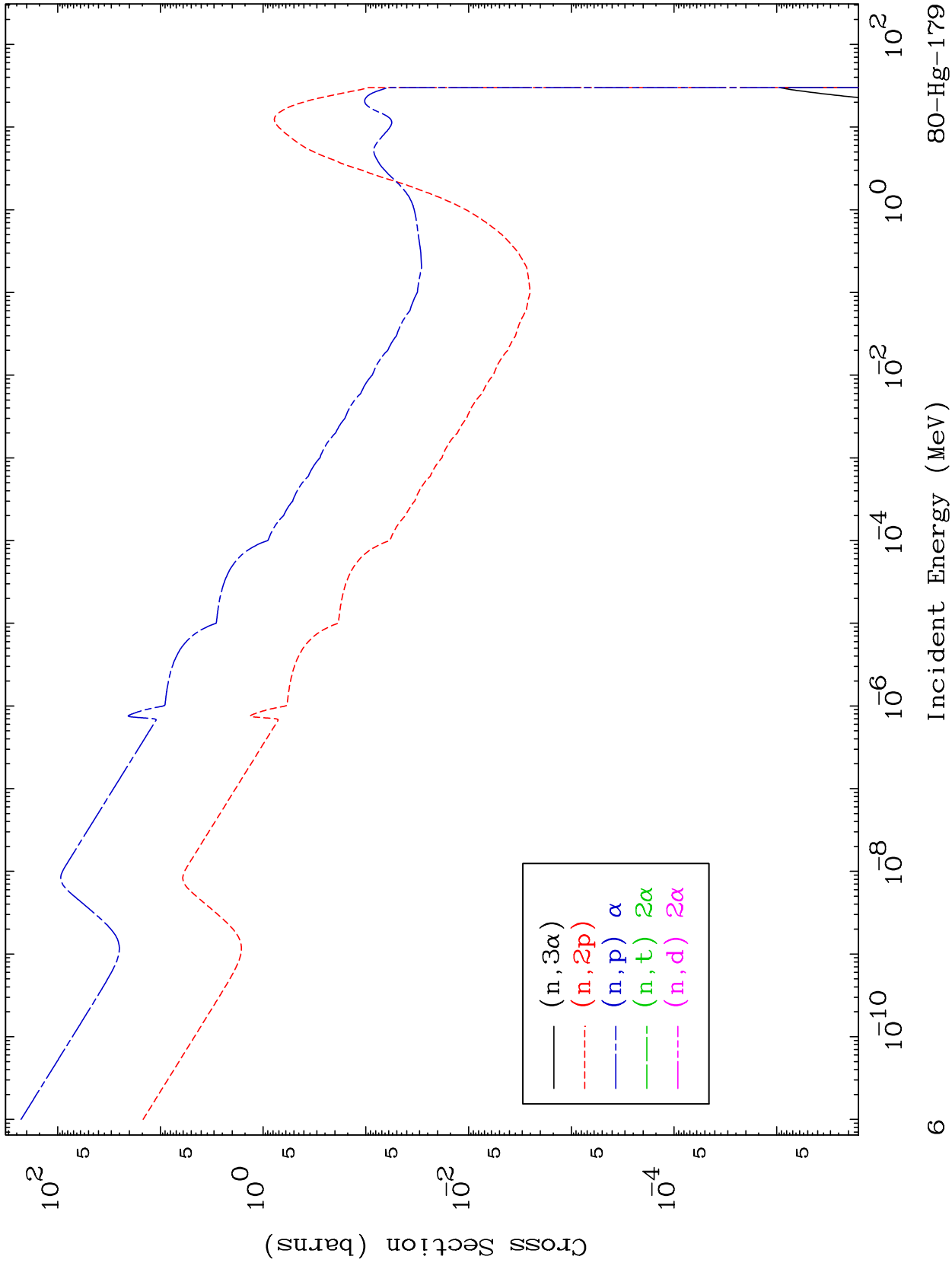
80-Hg-179



5

Incident Energy (MeV)

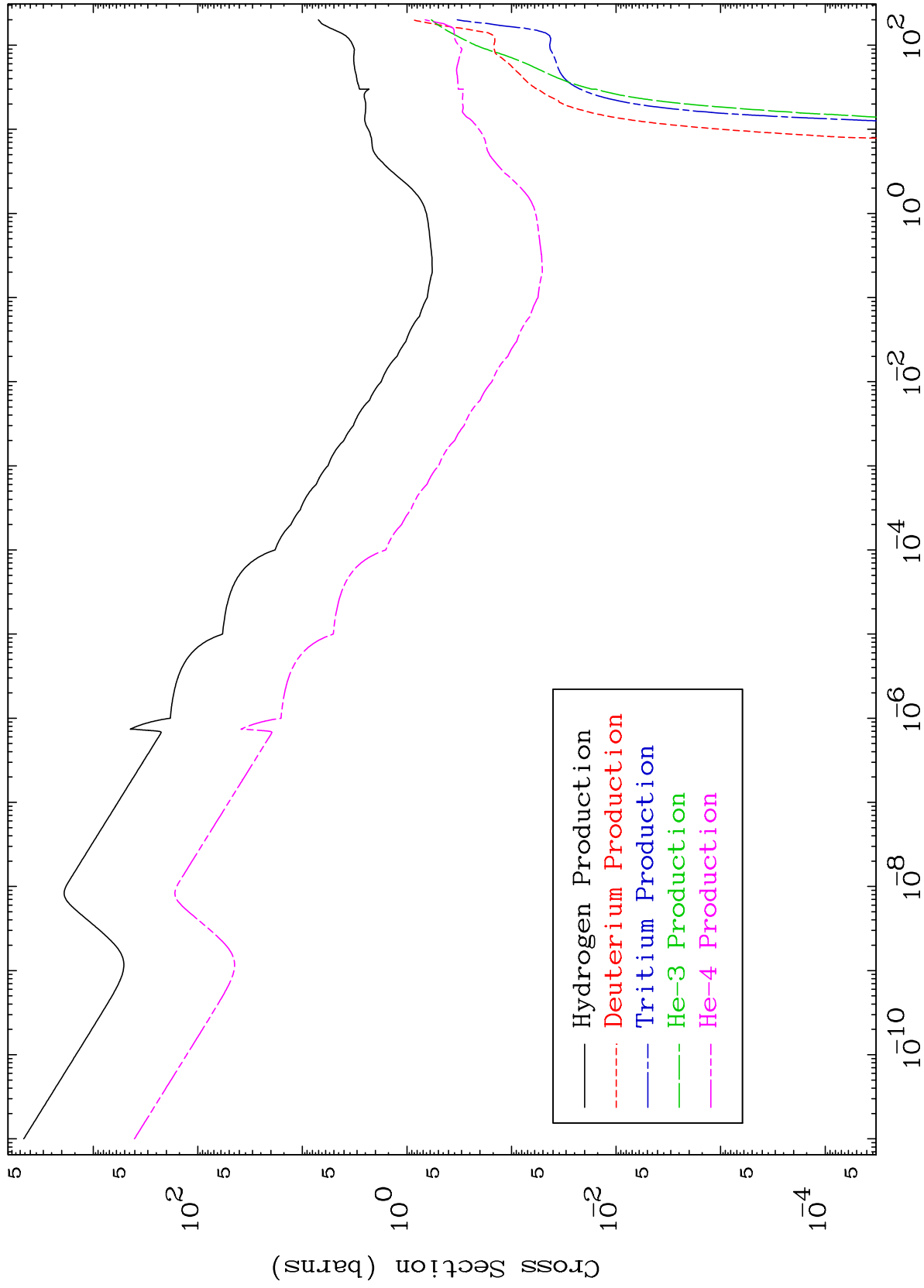
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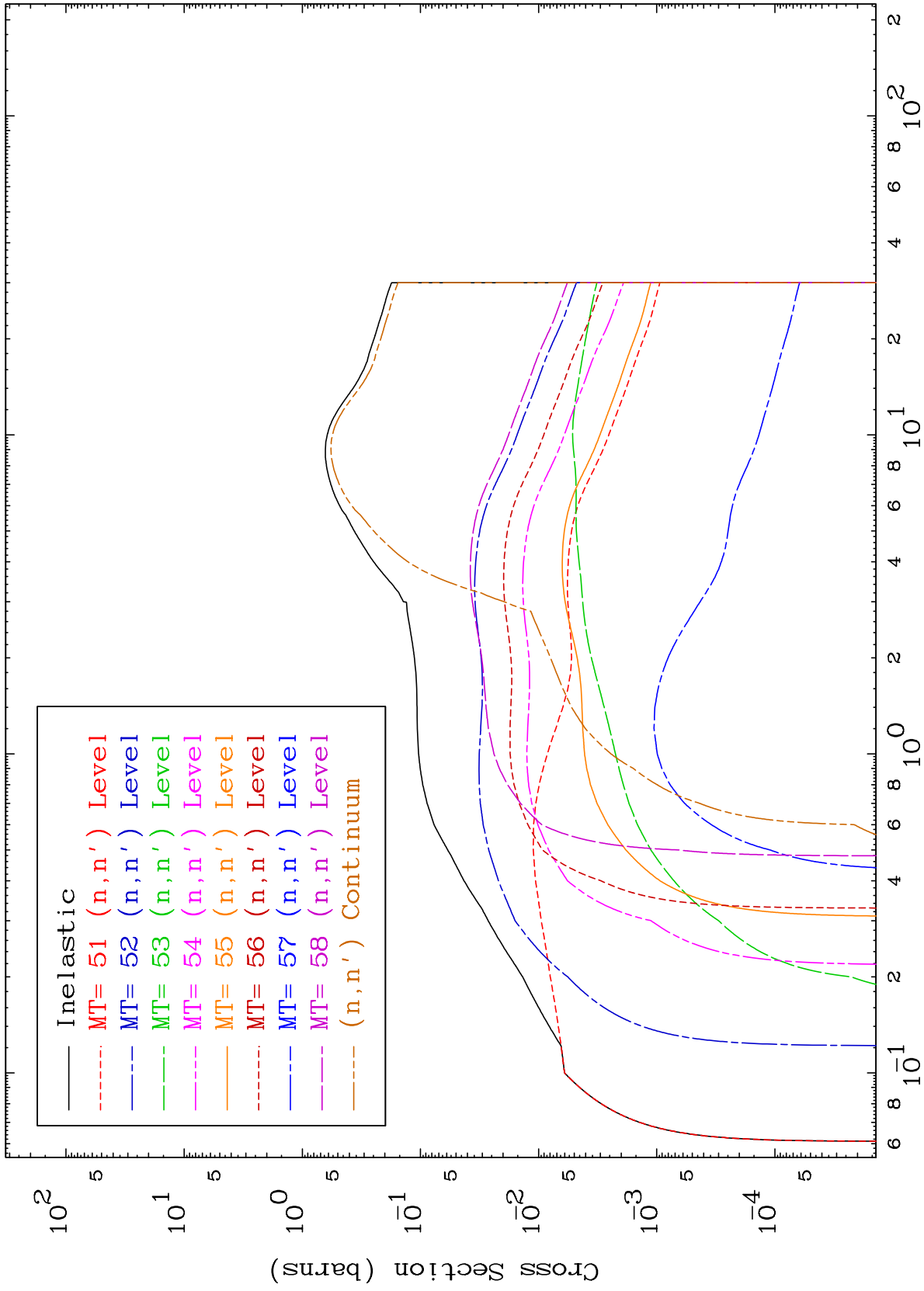
MAT 7974

Particle Production  
293 Kelvin Cross Sections

80-Hg-179



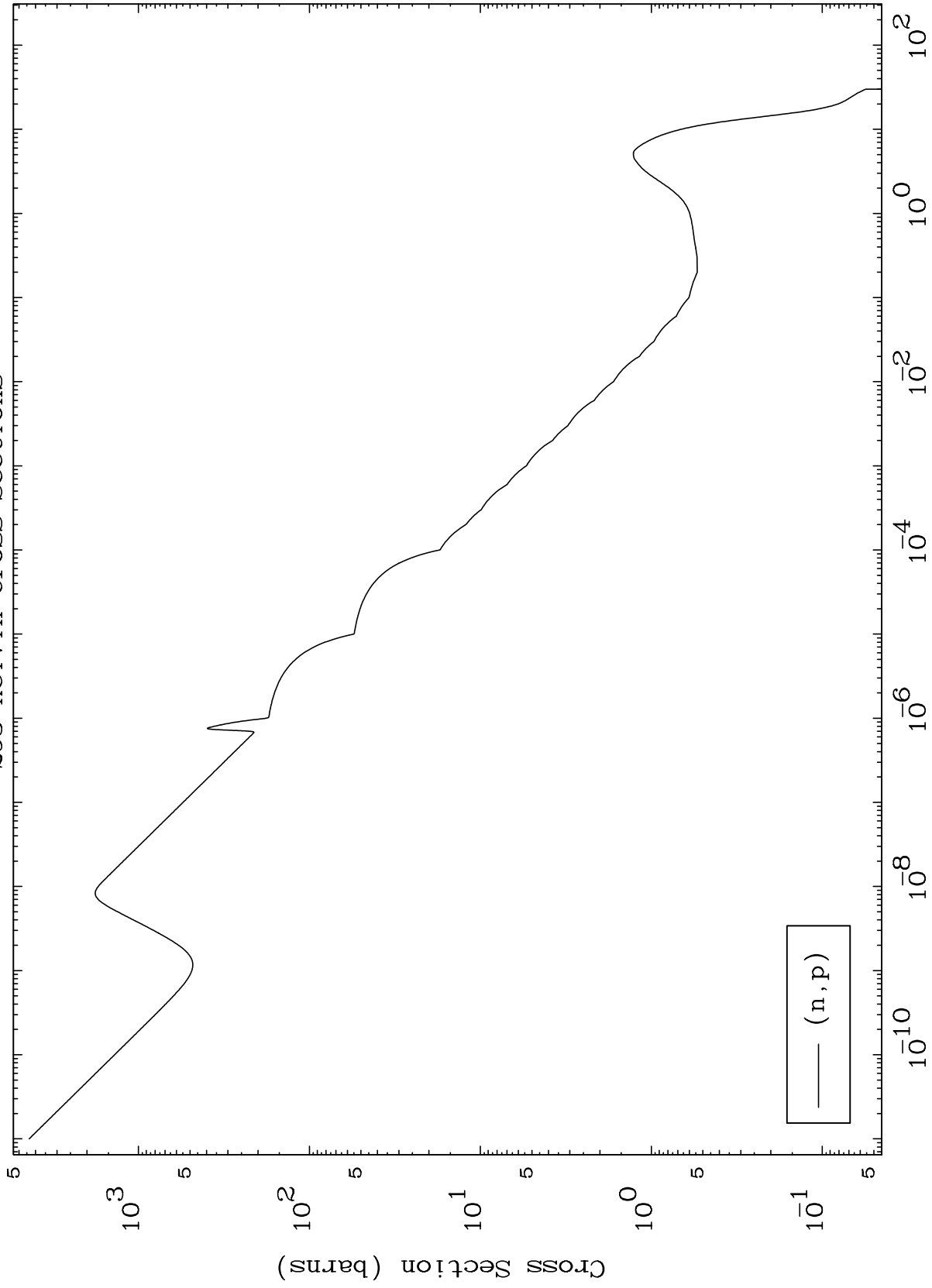




MAT 7974

(n,p) Levels  
293 Kelvin Cross Sections

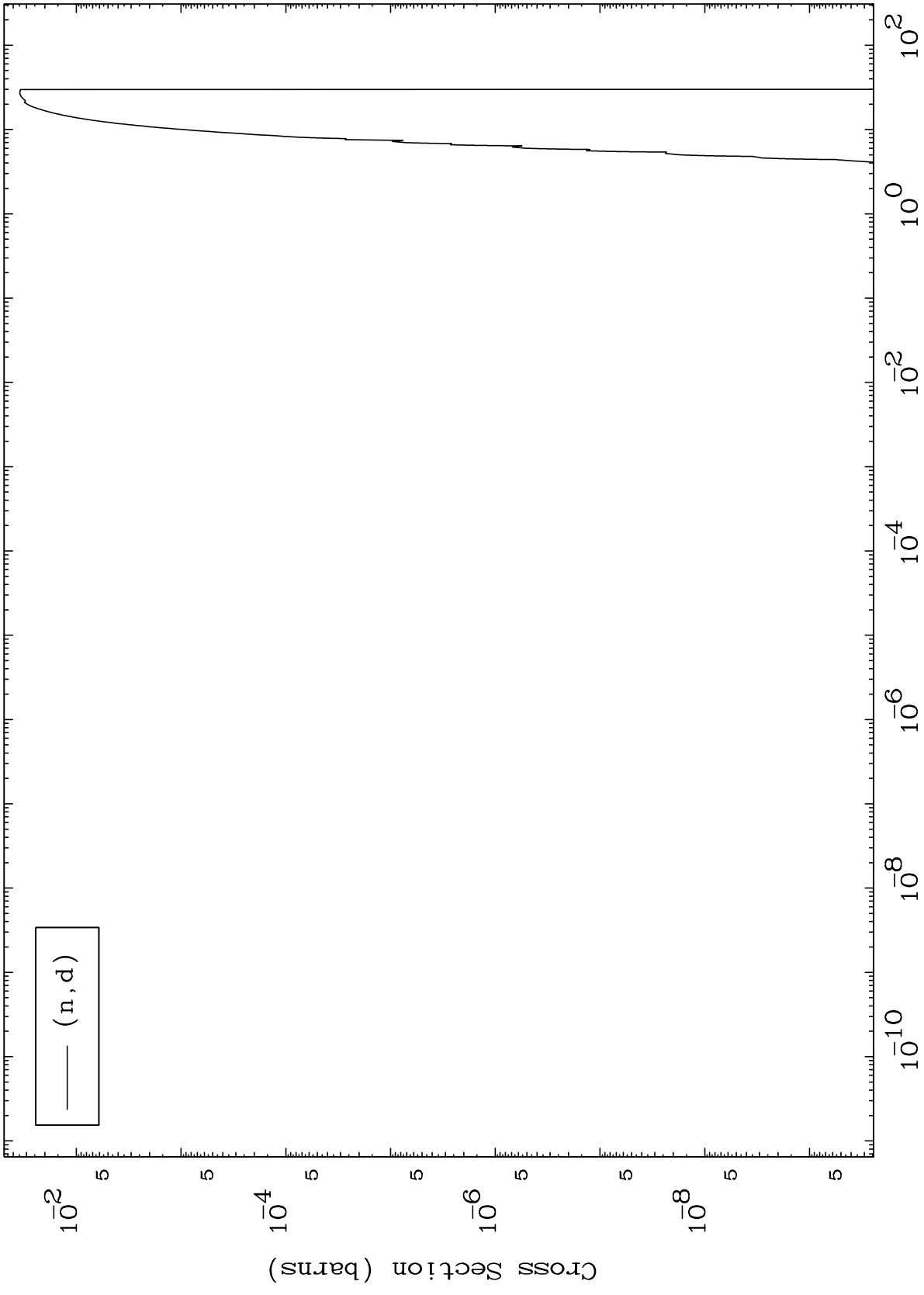
80-Hg-179



MAT 7974

(n,d) Levels  
293 Kelvin Cross Sections

80-Hg-179



10

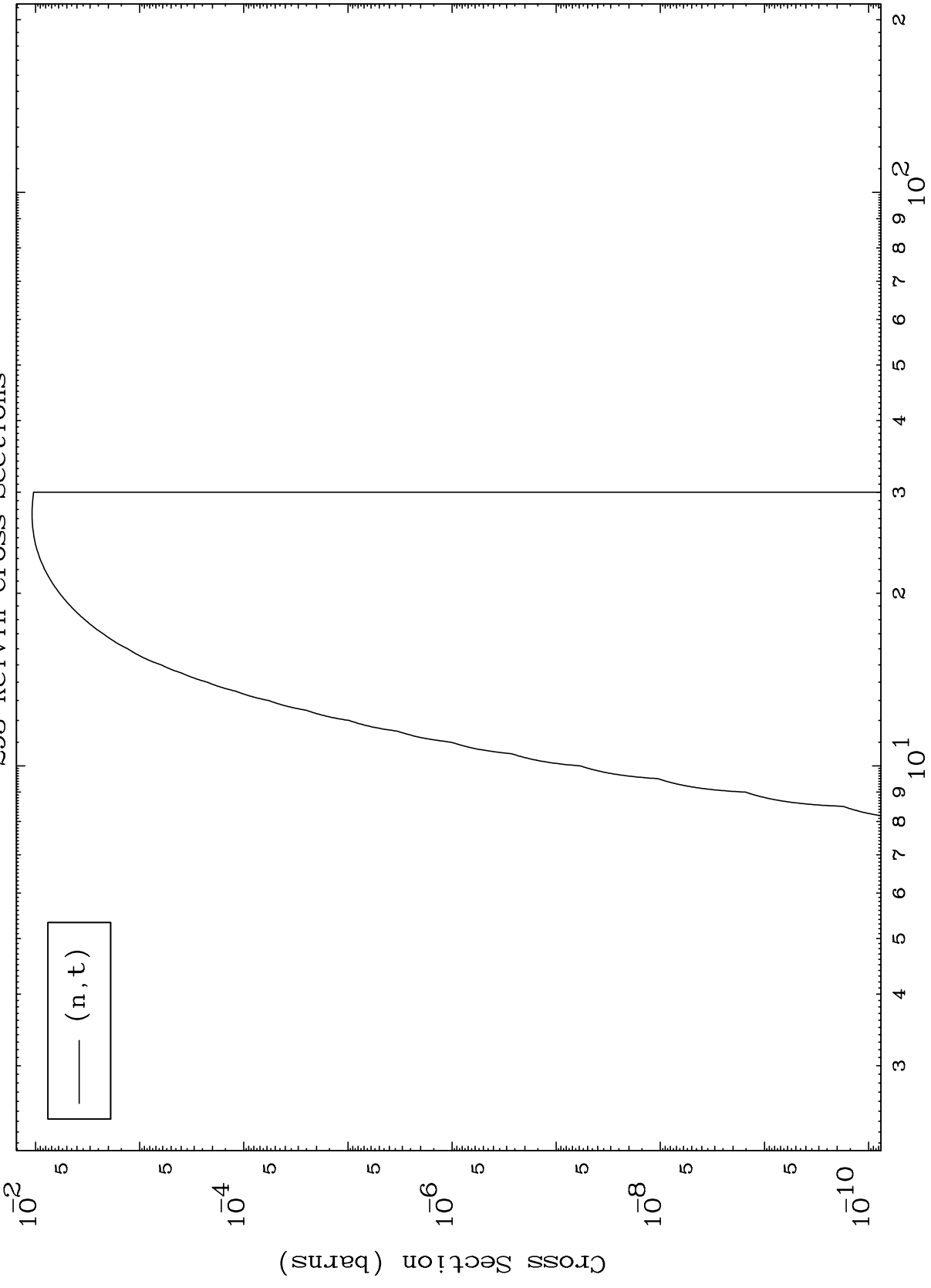
Incident Energy (MeV)

80-Hg-179

MAT 7974

(n,t) Levels  
293 Kelvin Cross Sections

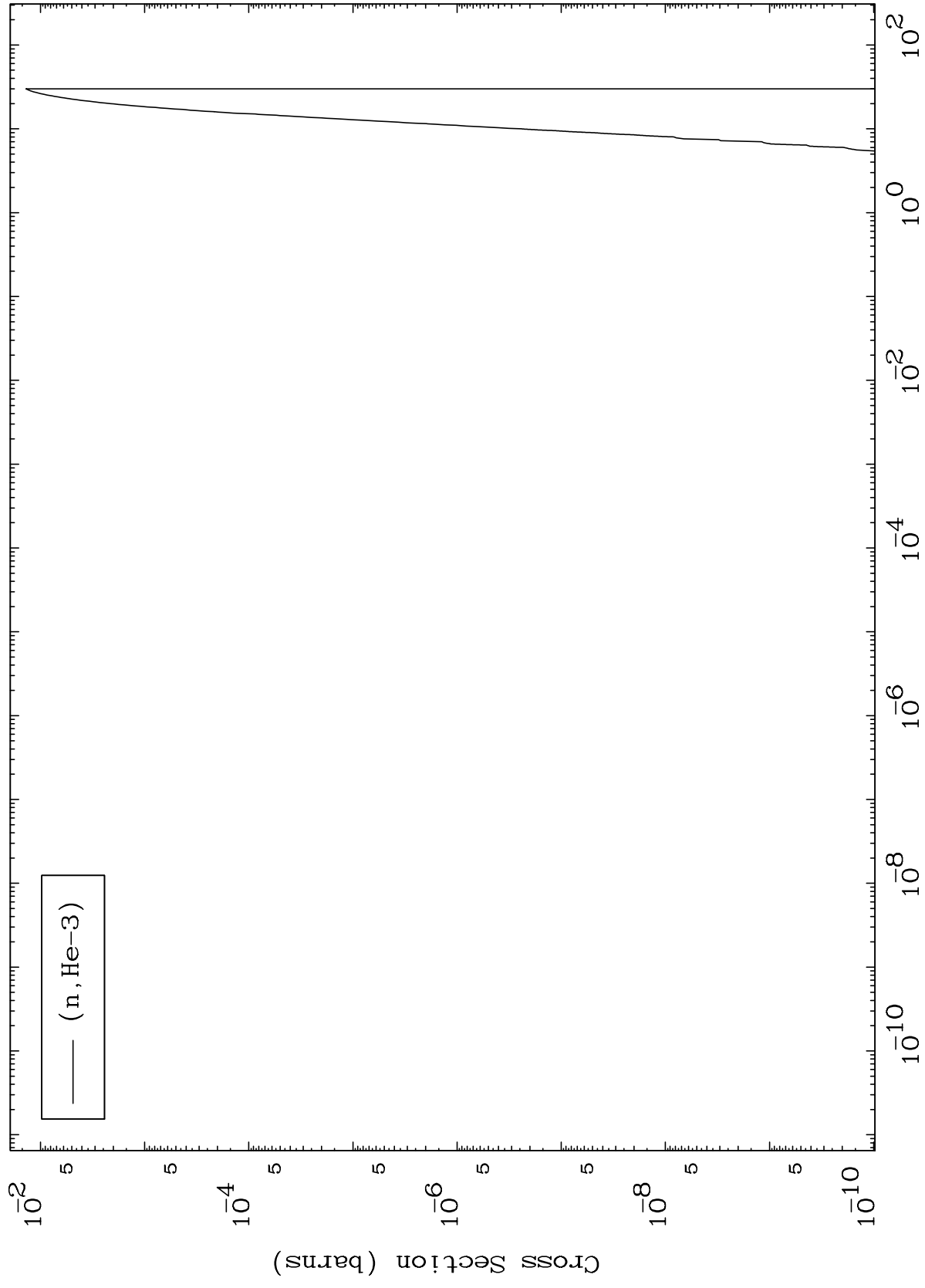
80-Hg-179



MAT 7974

(n,He3) Levels  
293 Kelvin Cross Sections

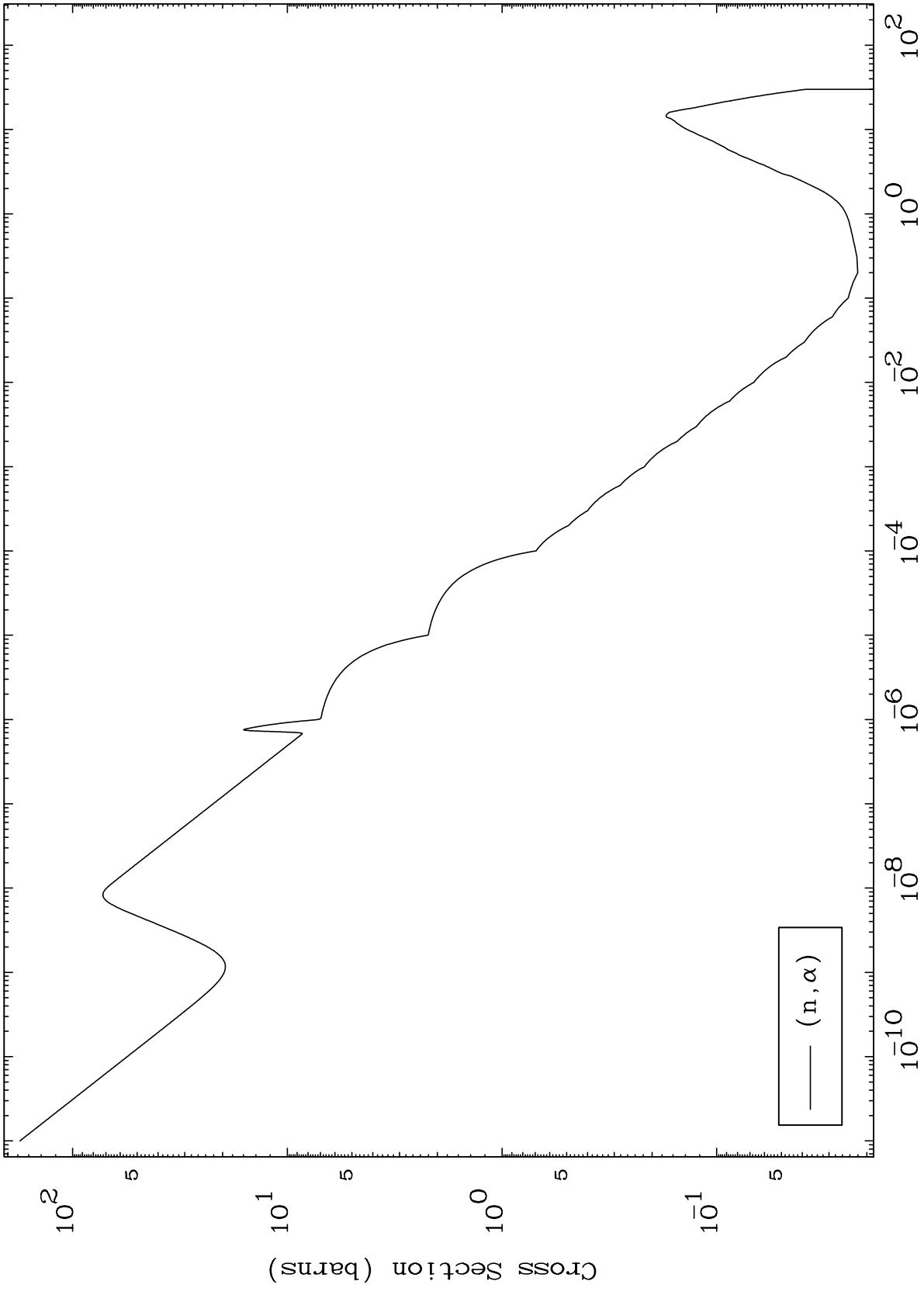
80-Hg-179

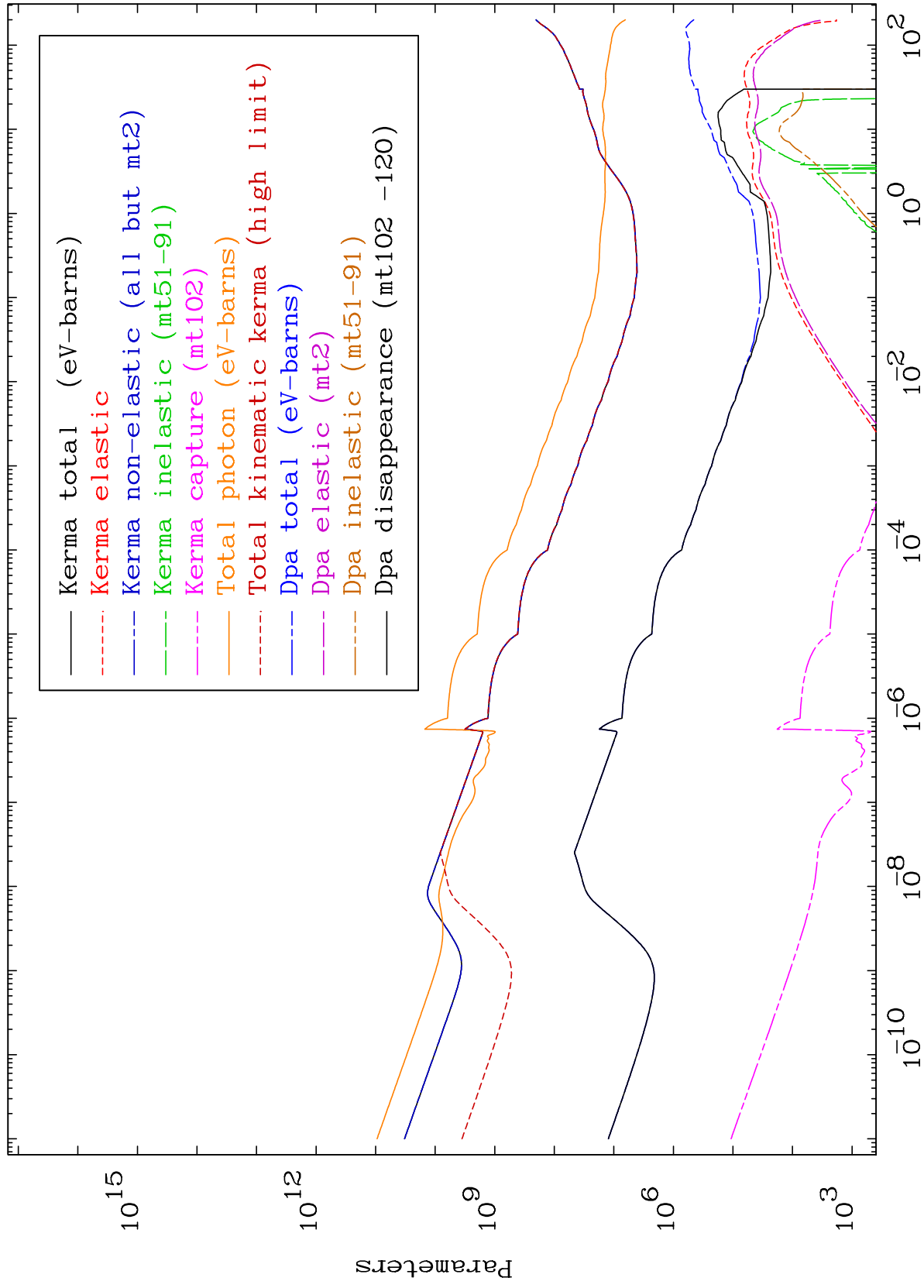


MAT 7974

(n,α) Levels  
293 Kelvin Cross Sections

80-Hg-179

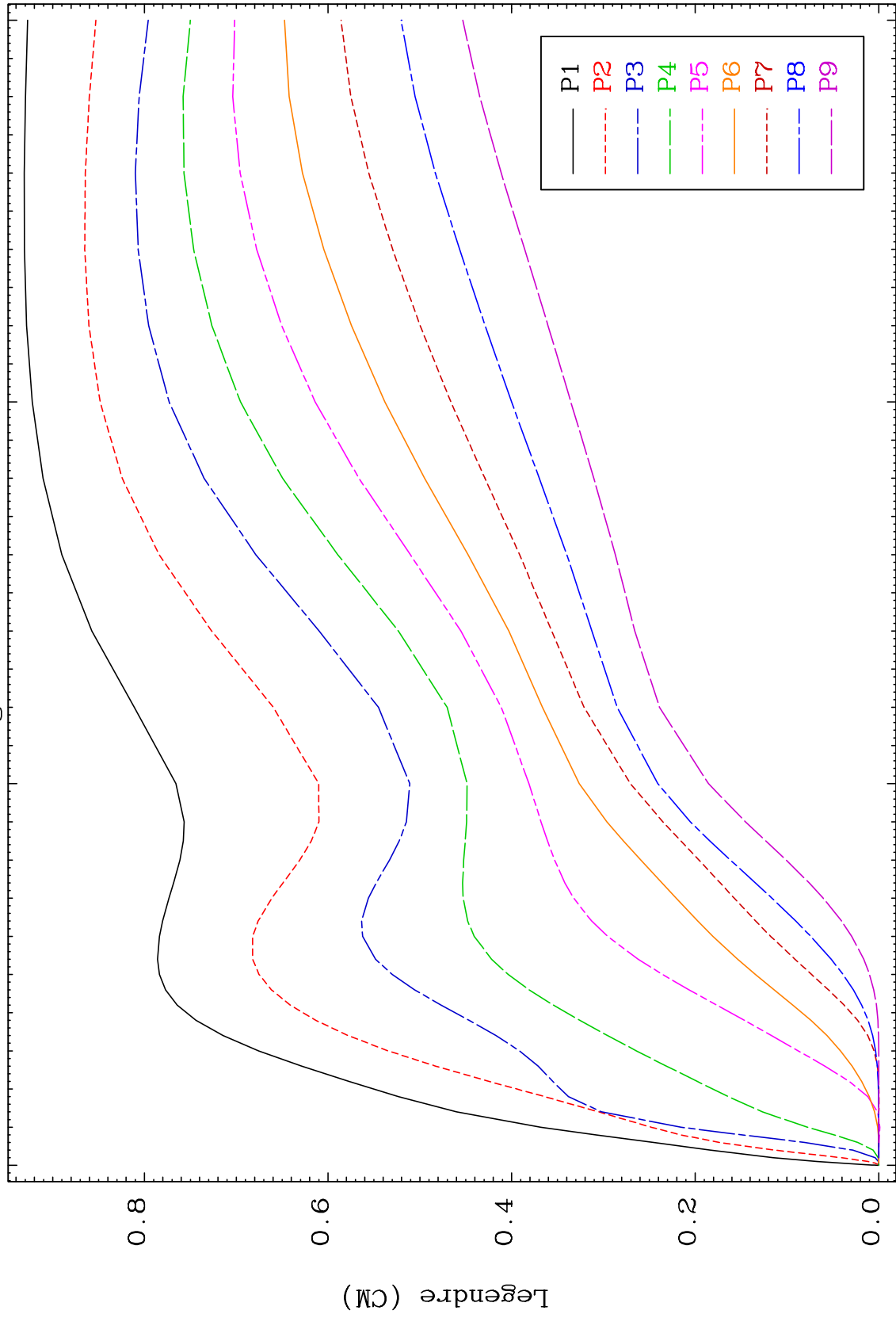




MAT 7974

Elastic Legendre Coefficients

80-Hg-179



0

15

Incident Energy (MeV)

20

30

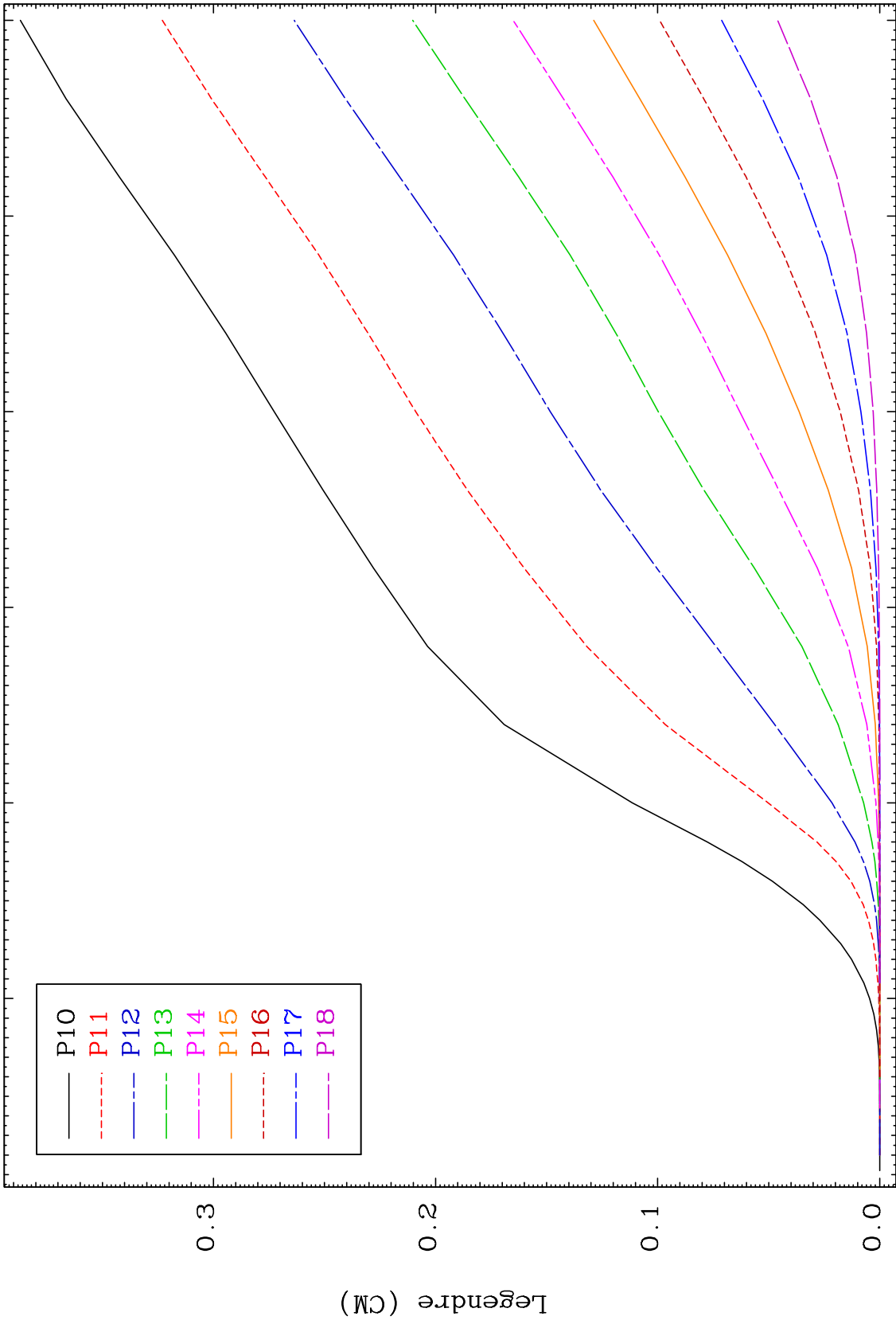
80-Hg-179



MAT 7974

Elastic Legendre Coefficients

80-Hg-179



16

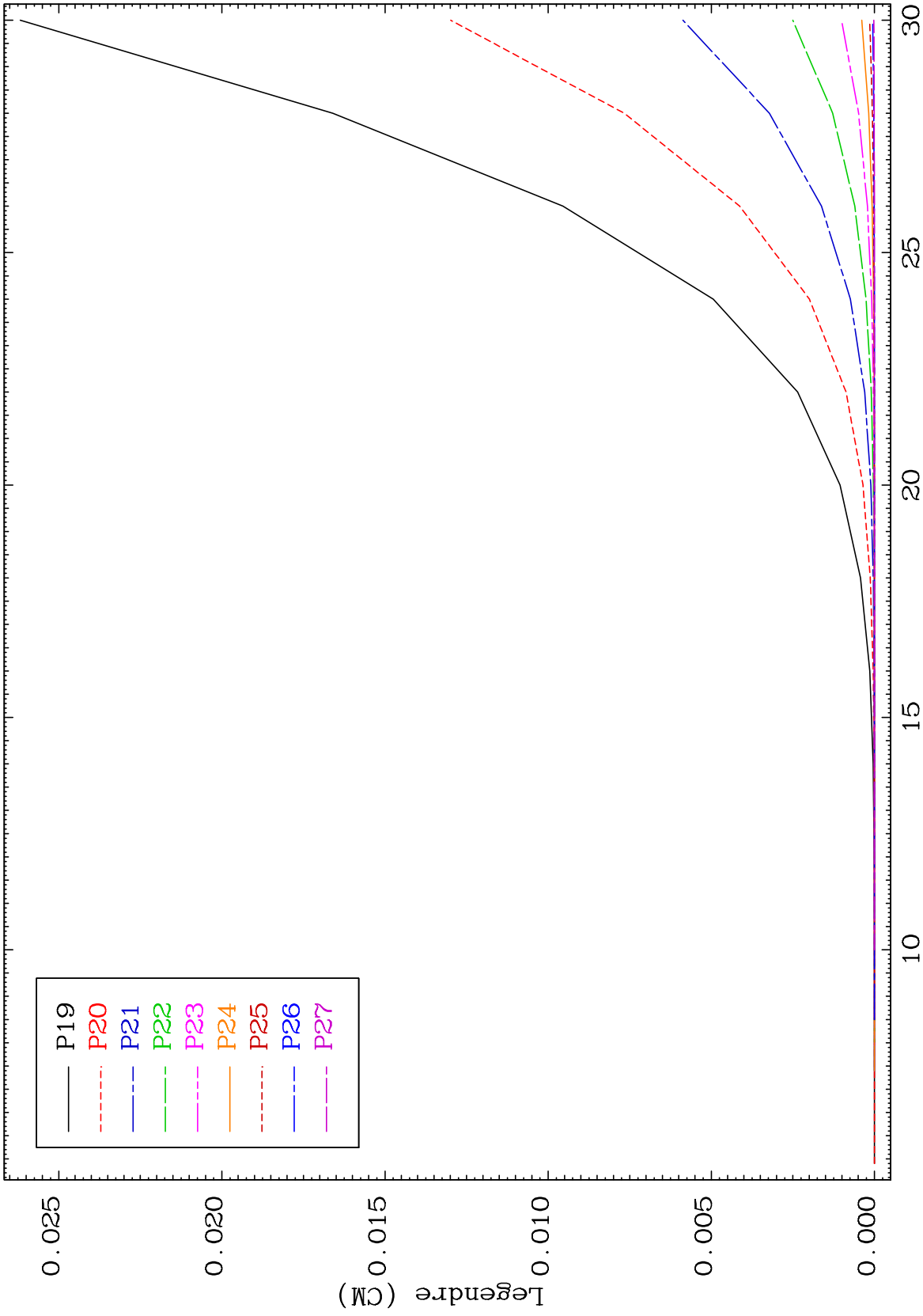
Incident Energy (MeV)

80-Hg-179

MAT 7974

### Elastic Legendre Coefficients

80-Hg-179



17

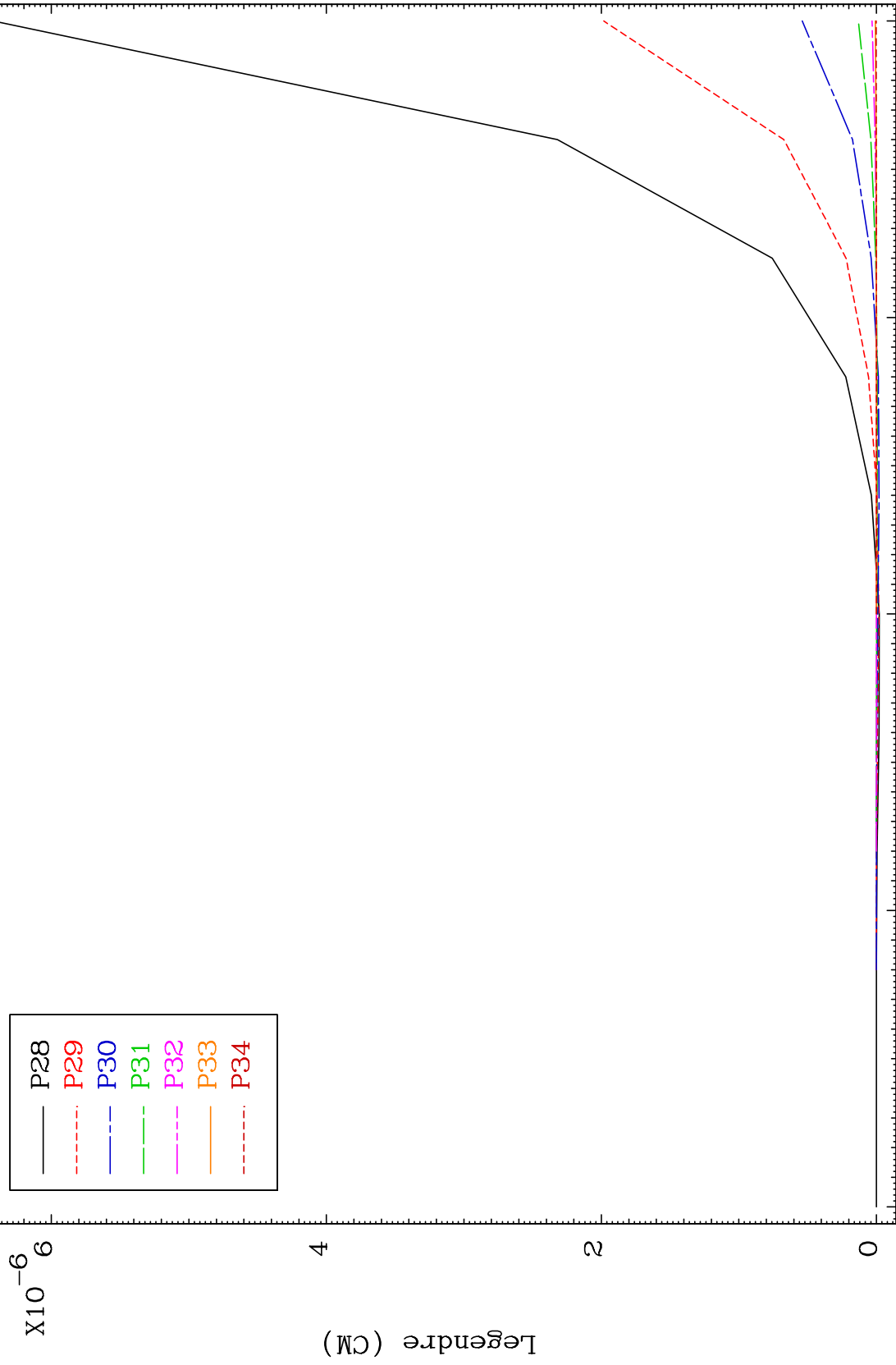
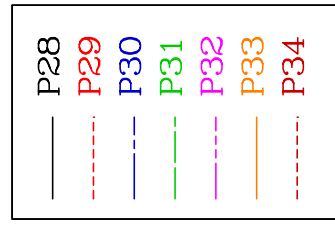
Incident Energy (MeV)

80-Hg-179

MAT 7974

Elastic Legendre Coefficients

80-Hg-179



18

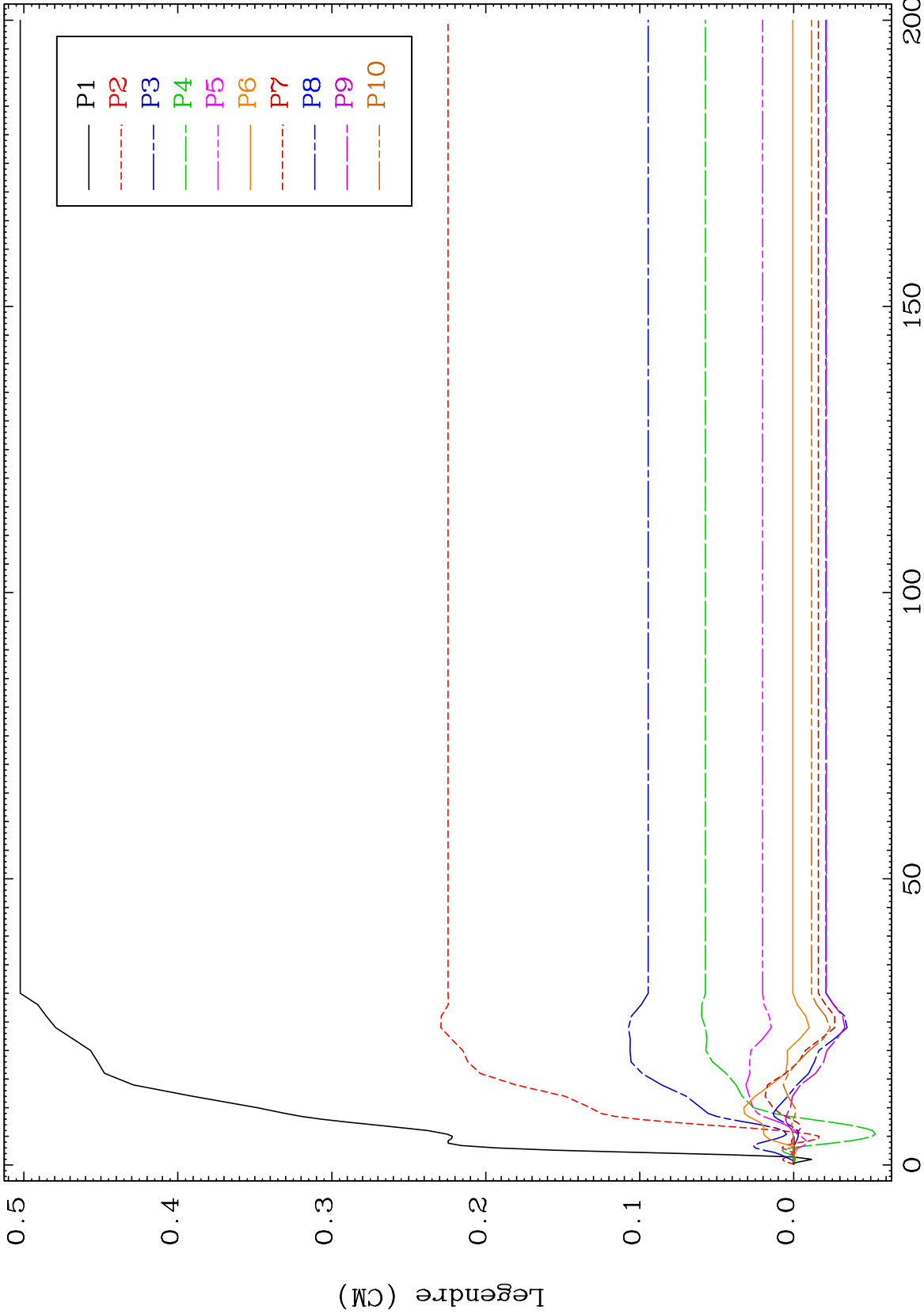
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



19

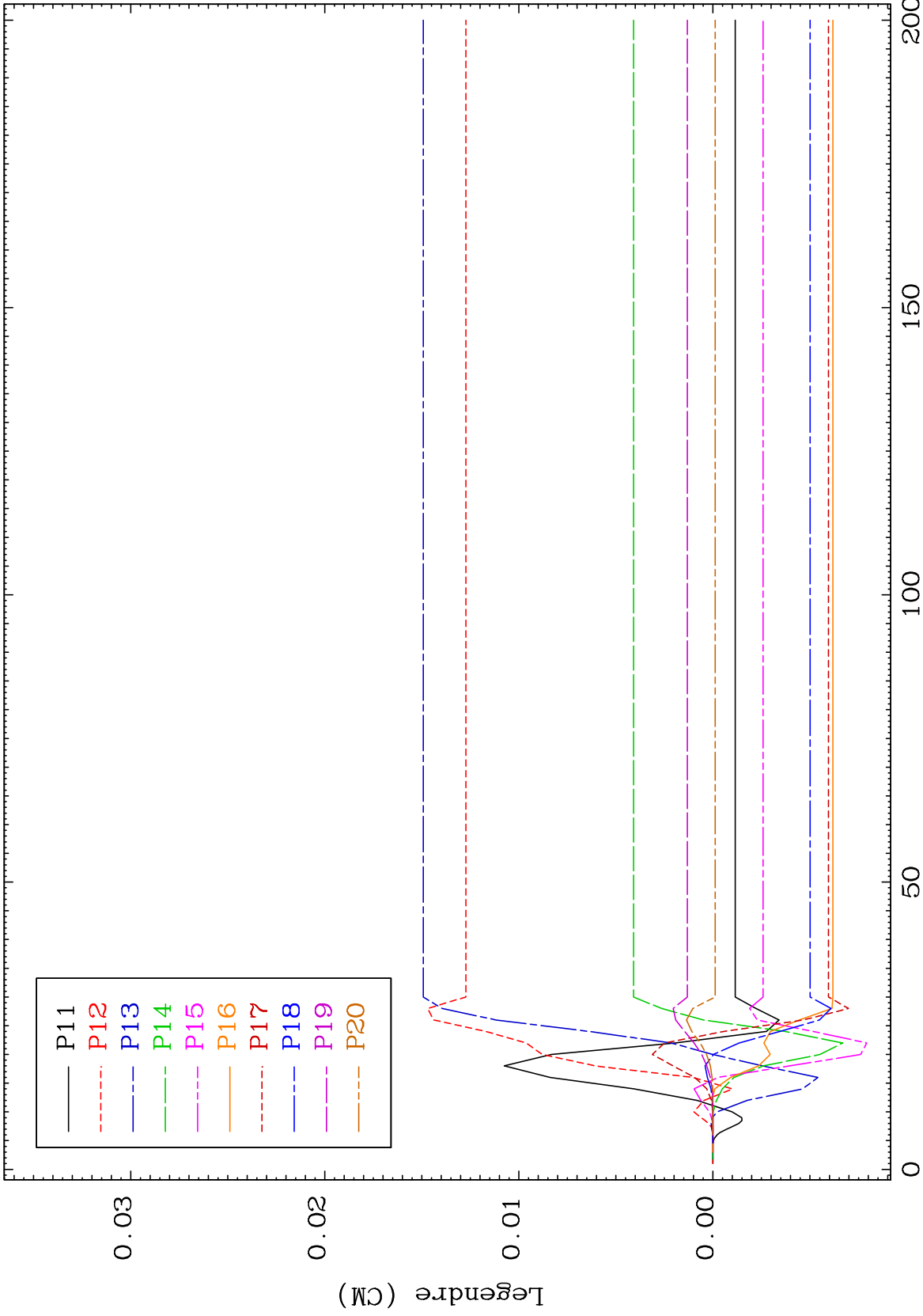
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



0

50

100

150

200

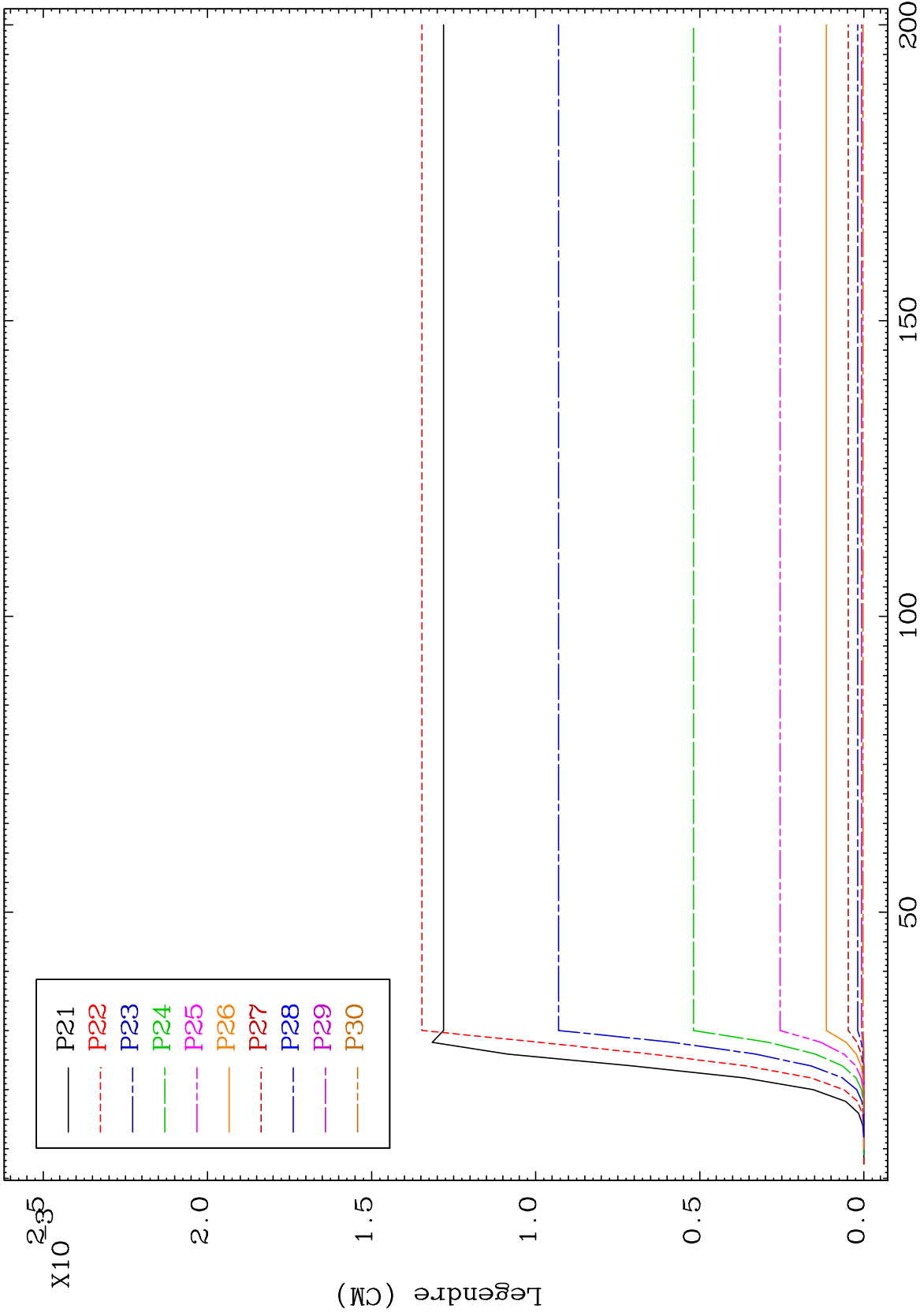
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



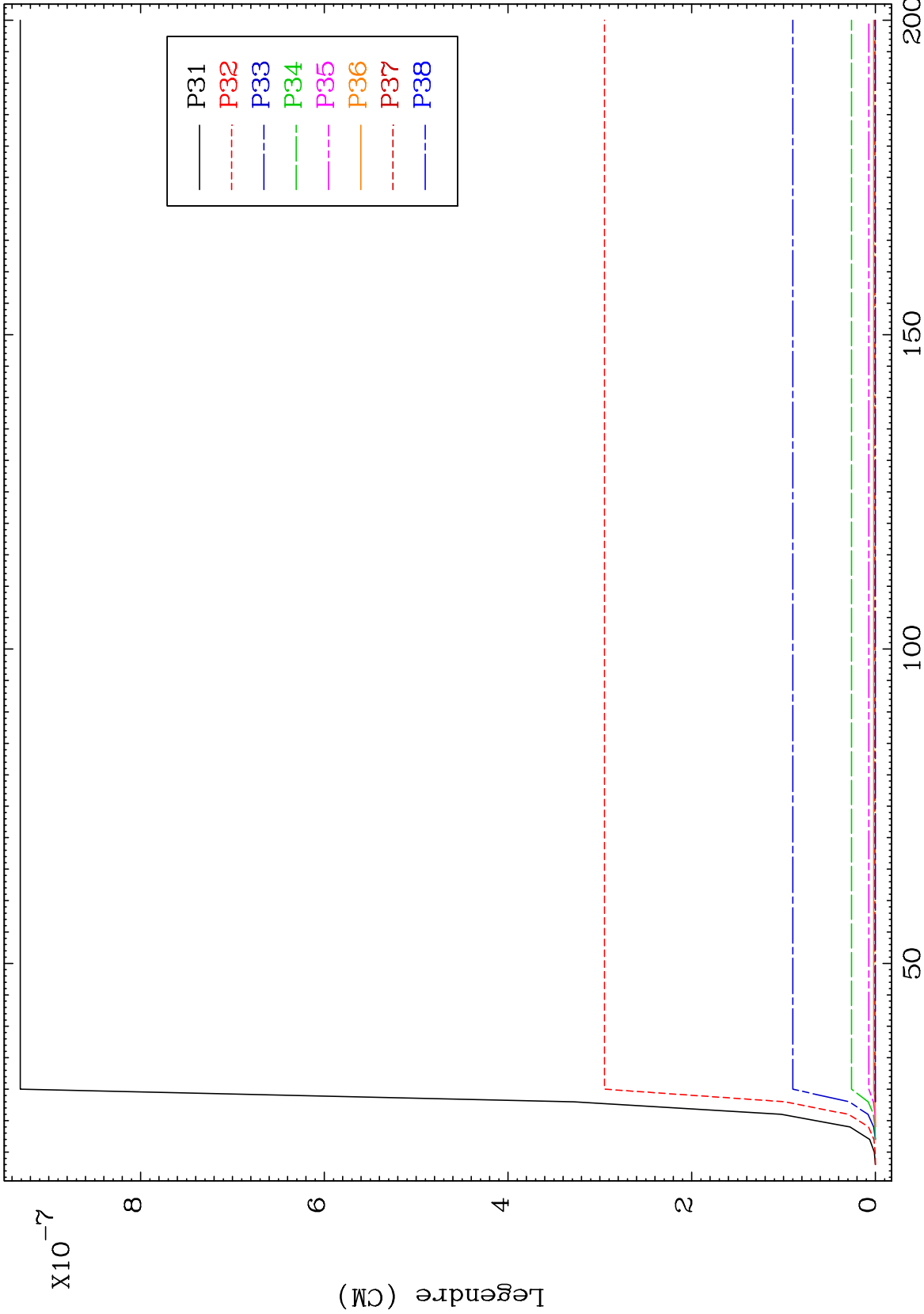
21

80-Hg-179

MAT 7974

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

80-Hg-179



22

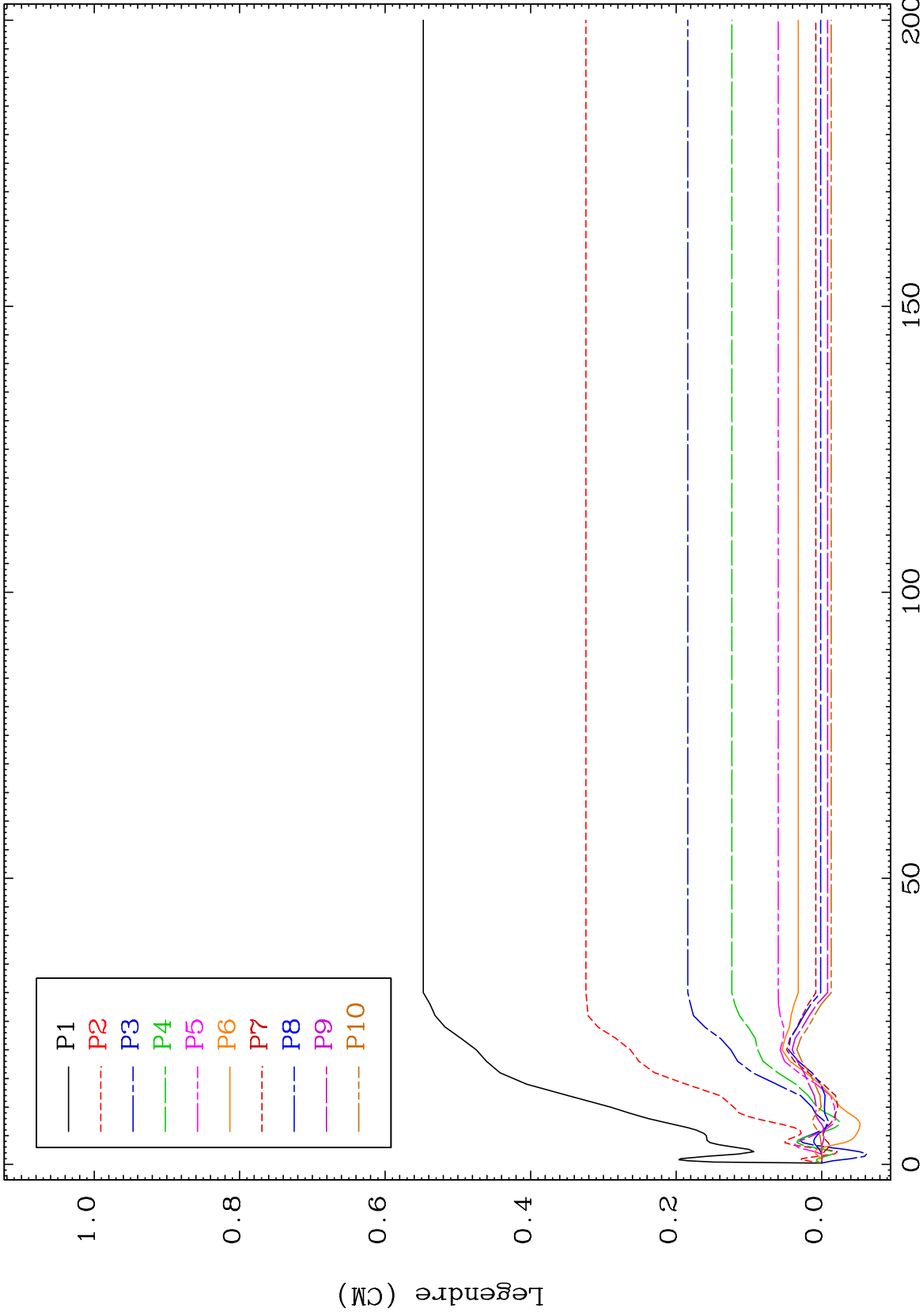
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179

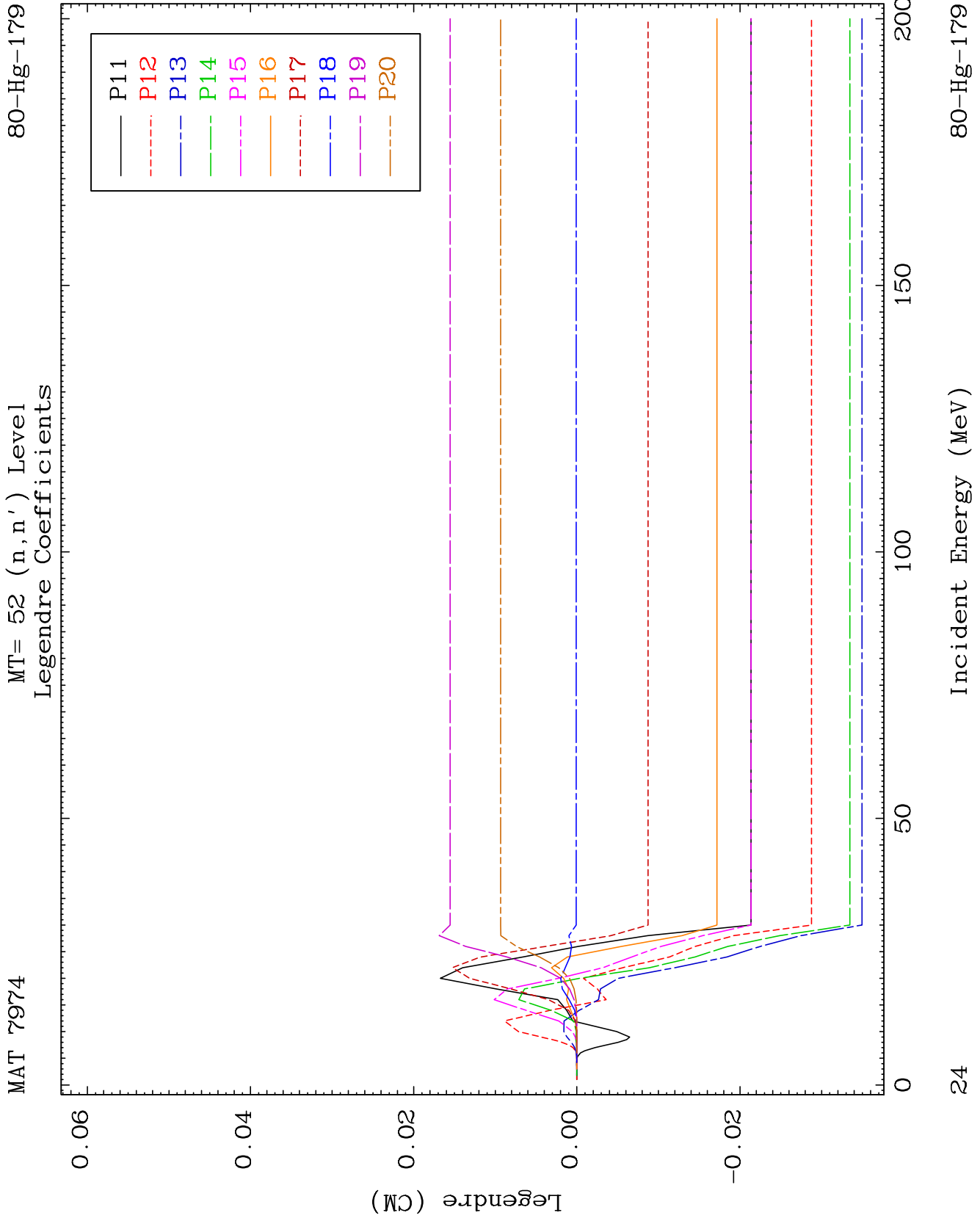


23

Incident Energy (MeV)

80-Hg-179

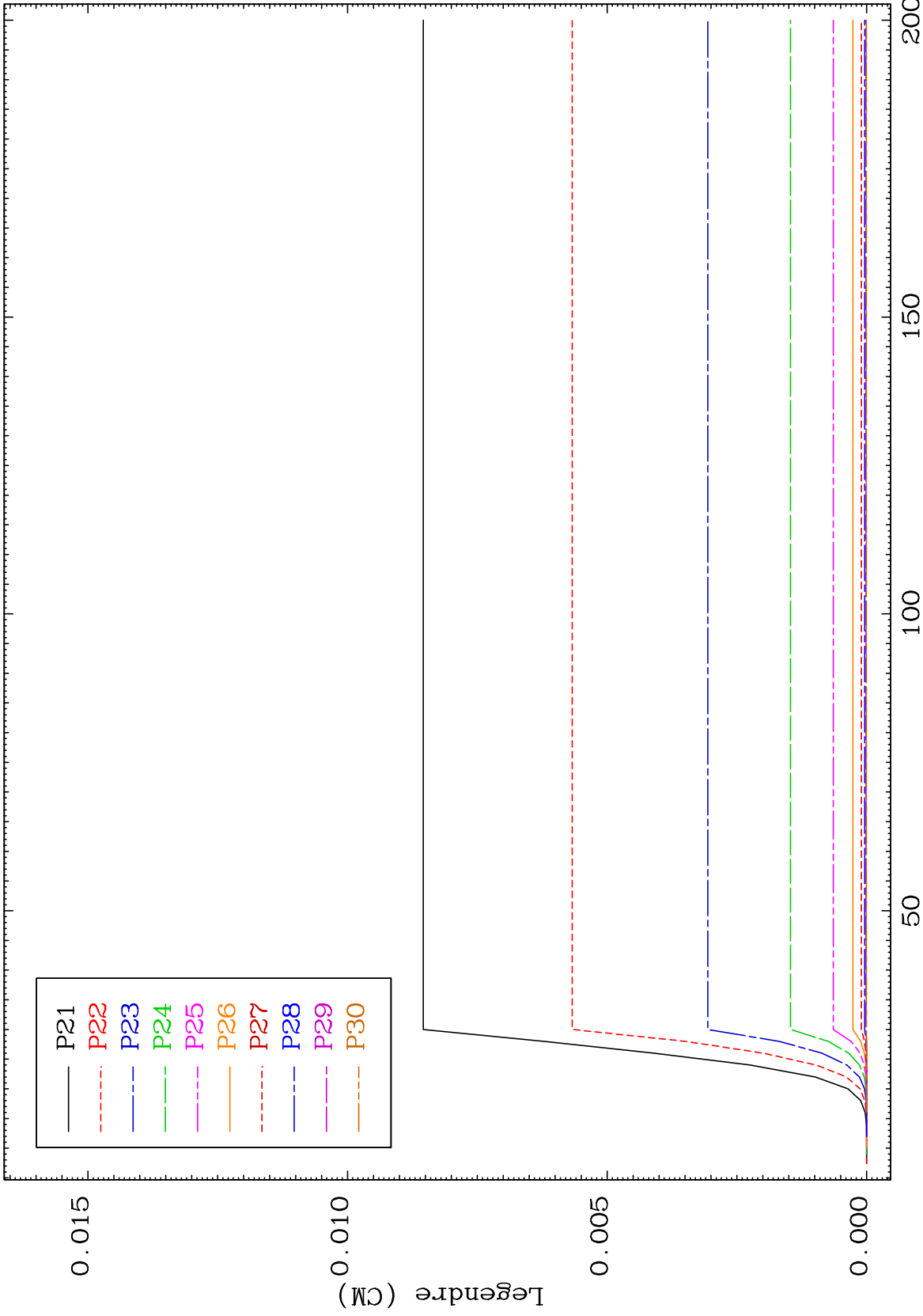




MAT 7974

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

80-Hg-179



25

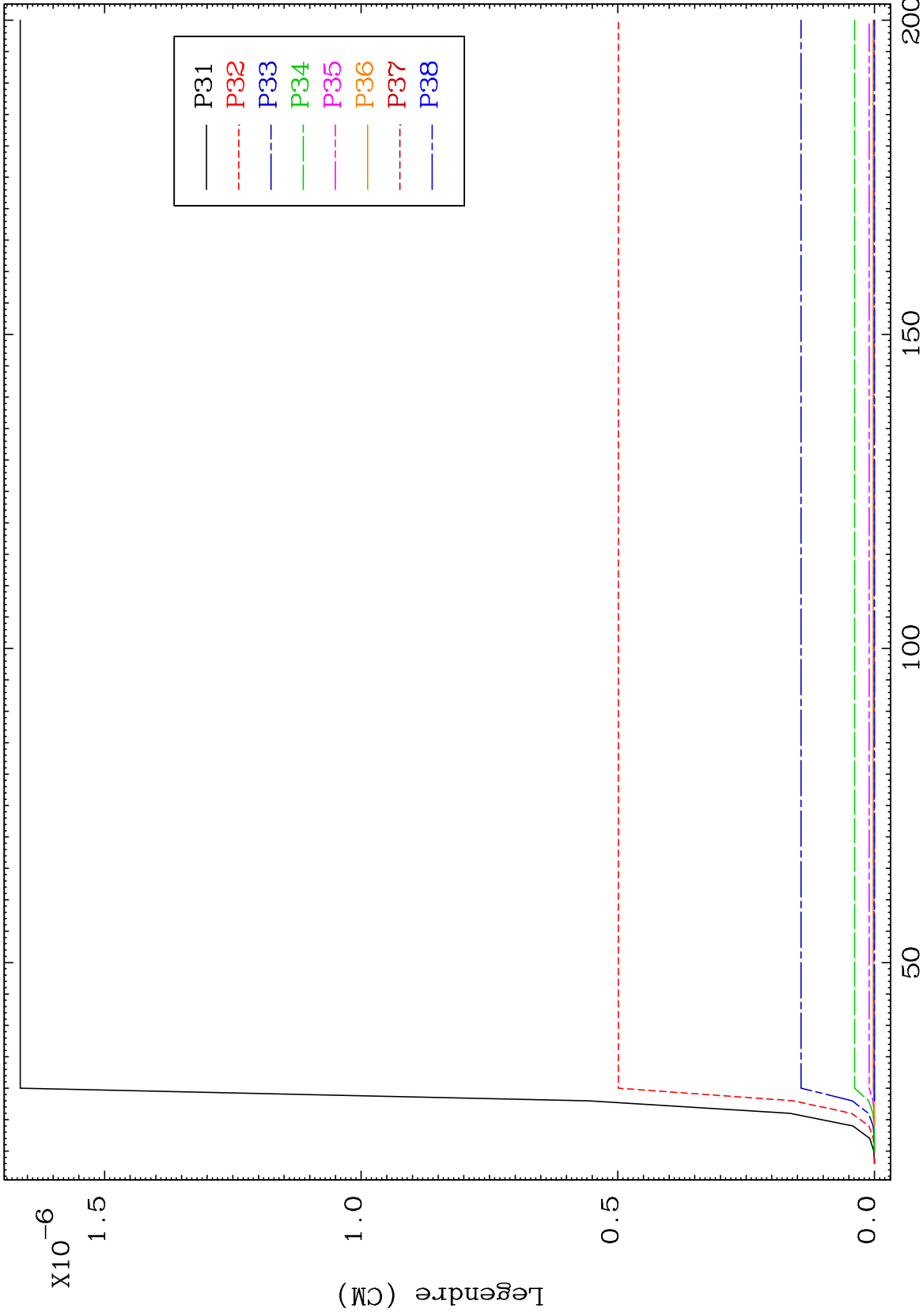
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

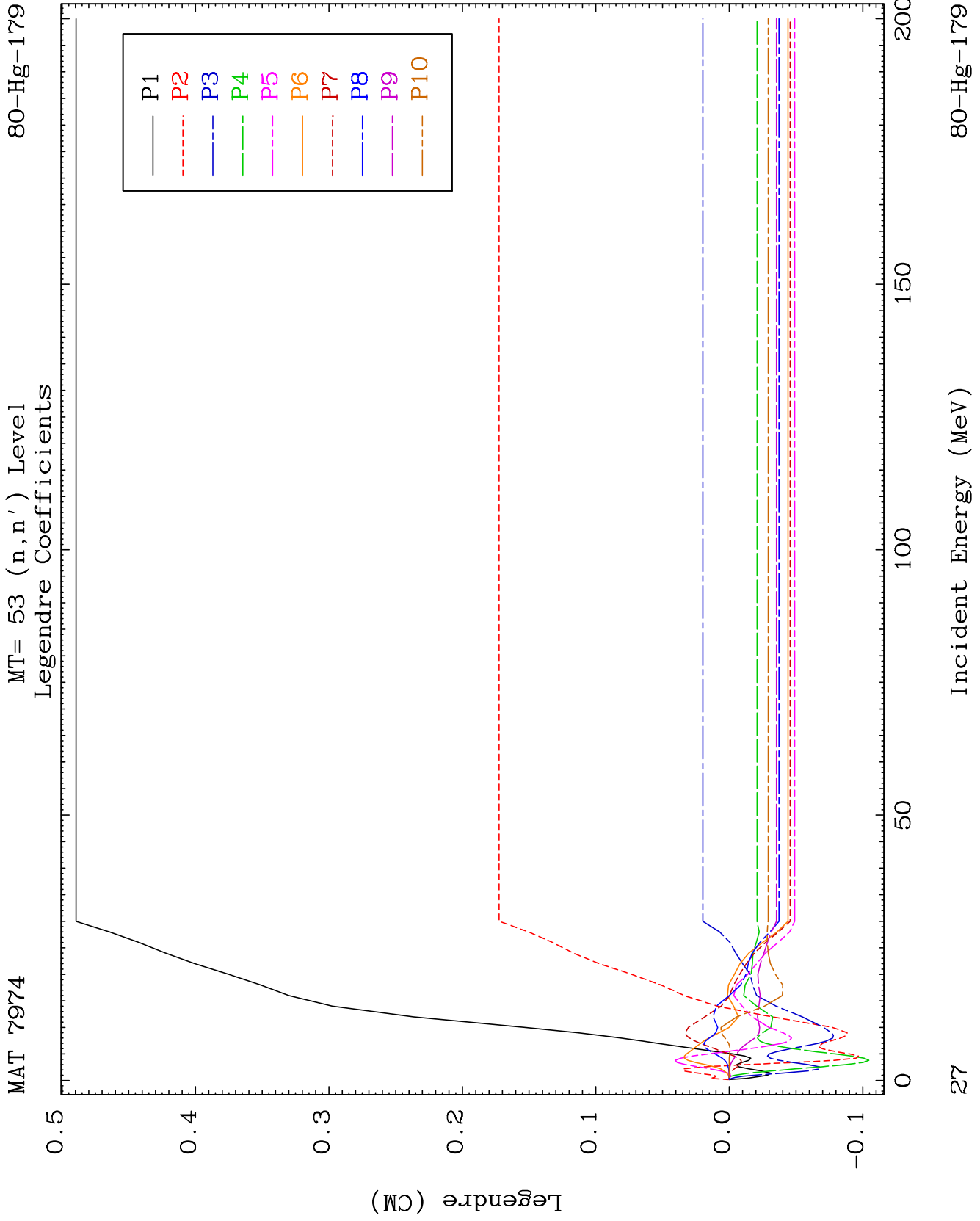
80-Hg-179



26

Incident Energy (MeV)

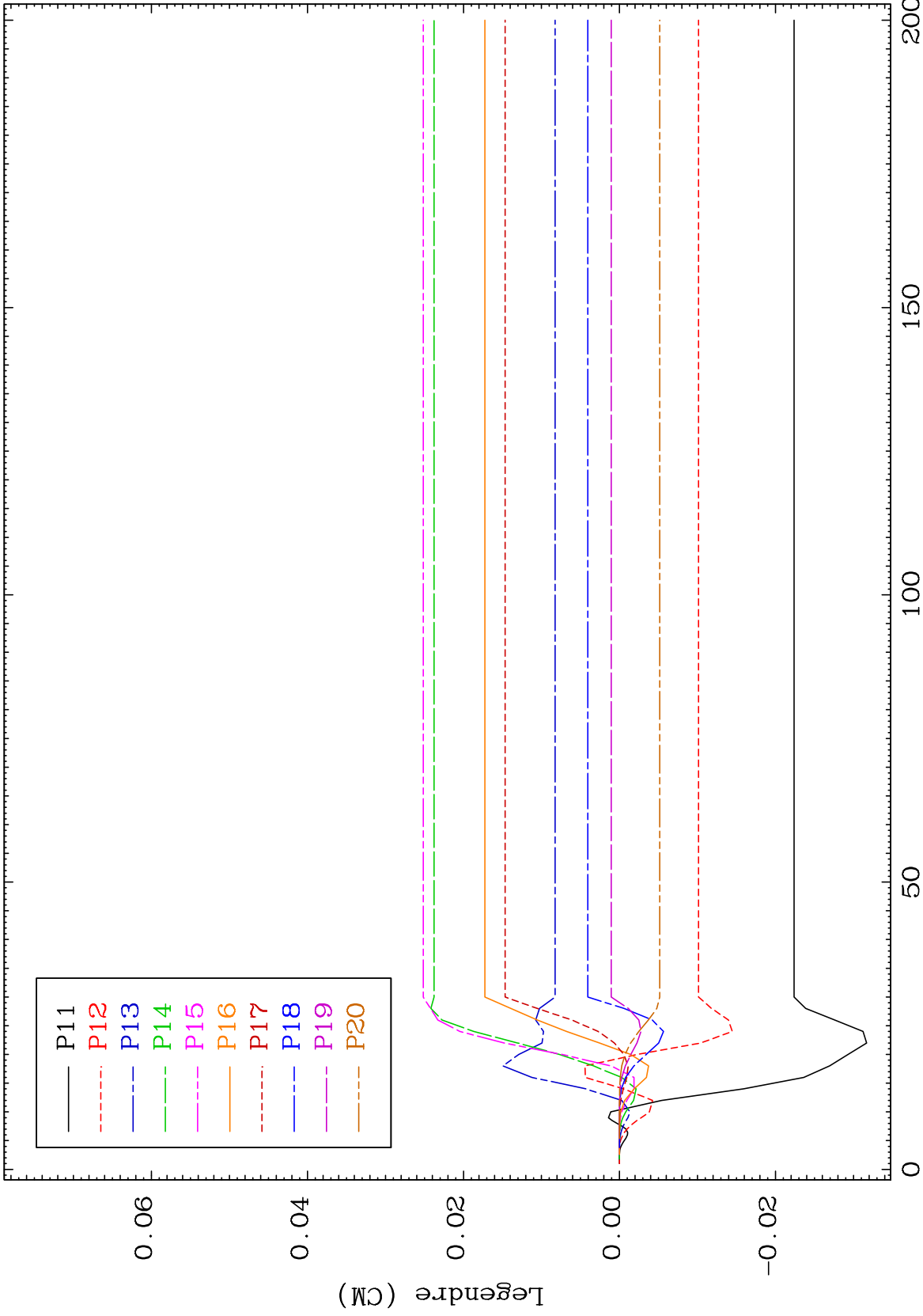
80-Hg-179



MAT 7974

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

80-Hg-179



28

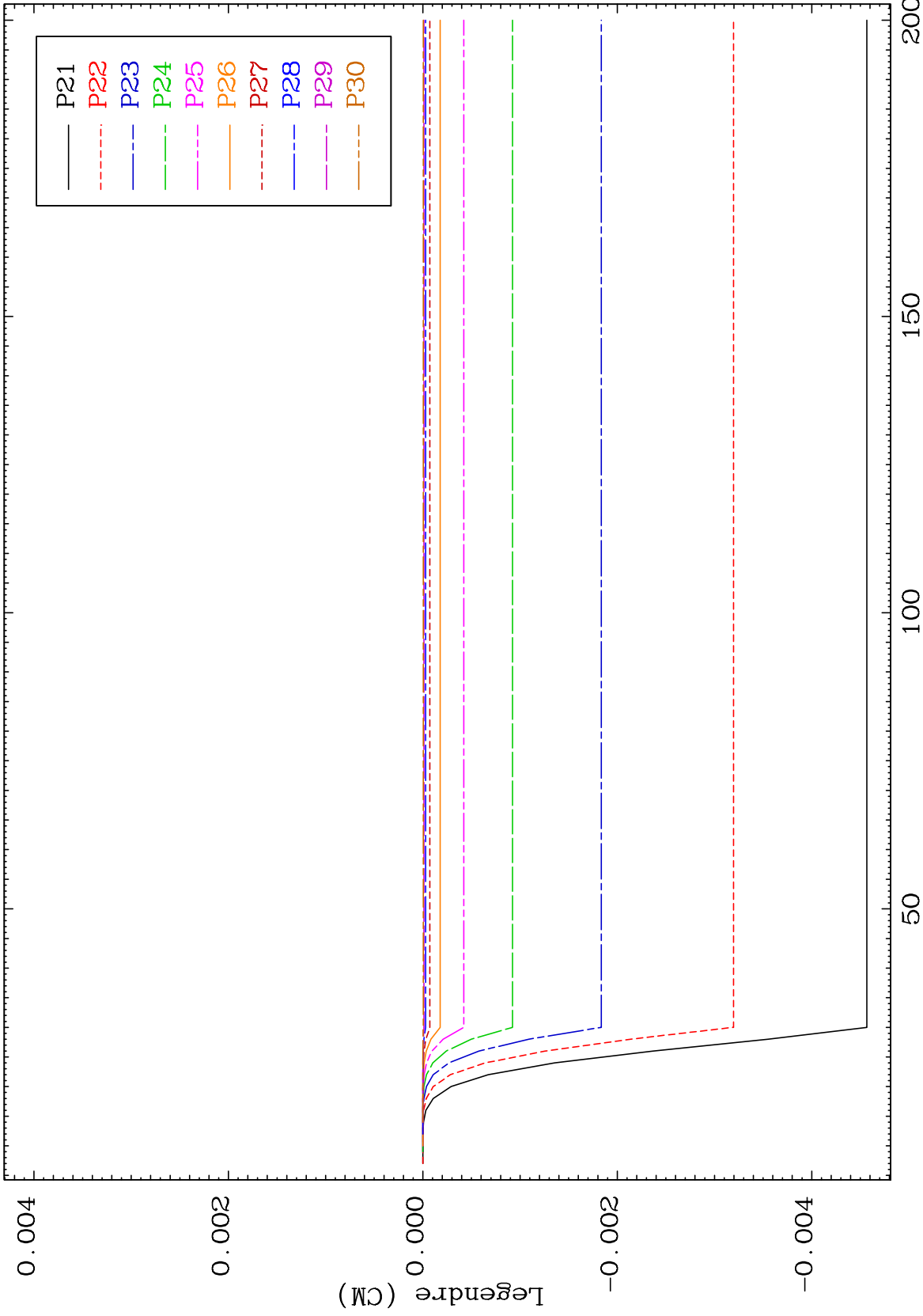
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



29

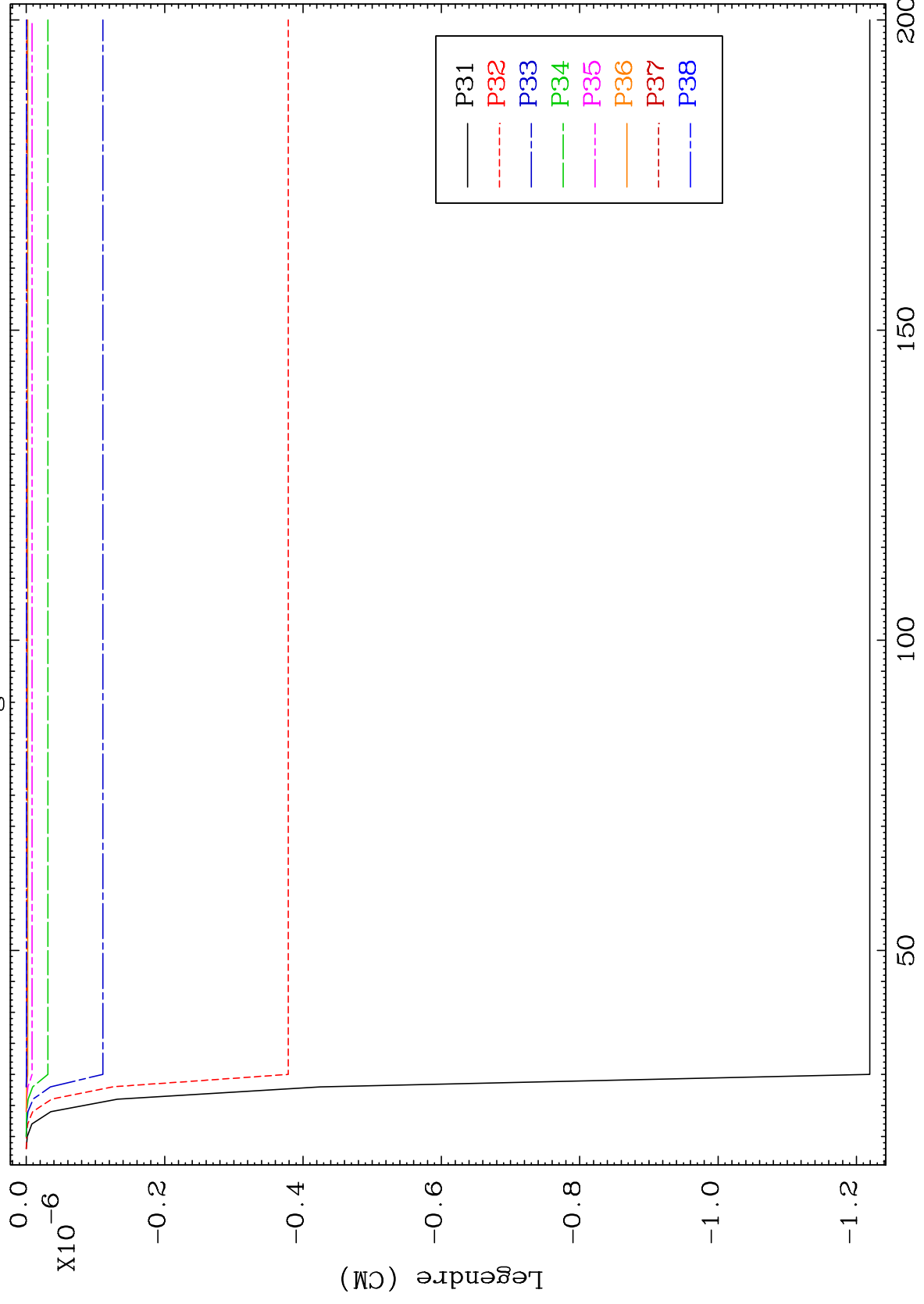
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



80-Hg-179

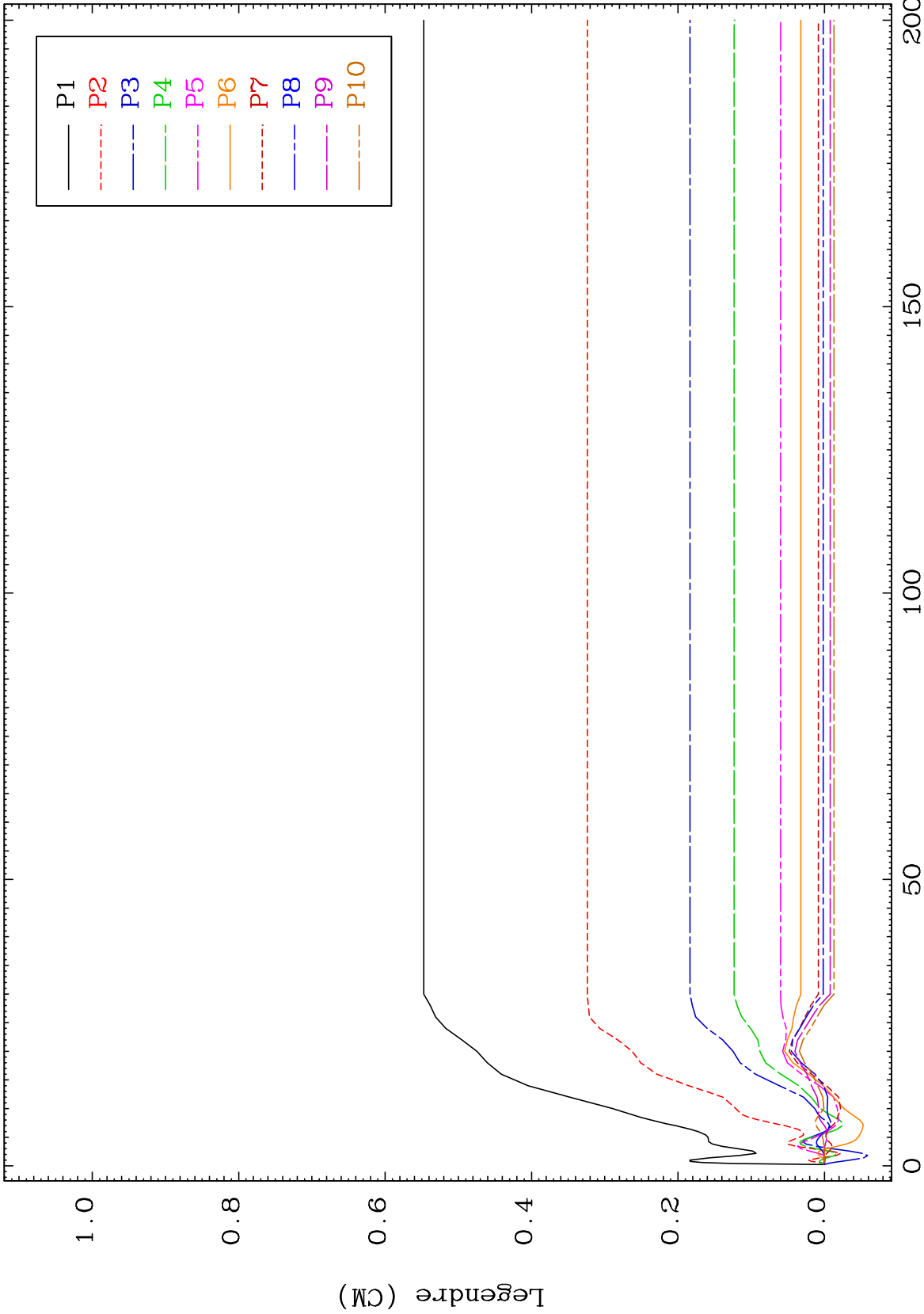
Incident Energy (MeV)

30

MAT 7974

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

80-Hg-179



31

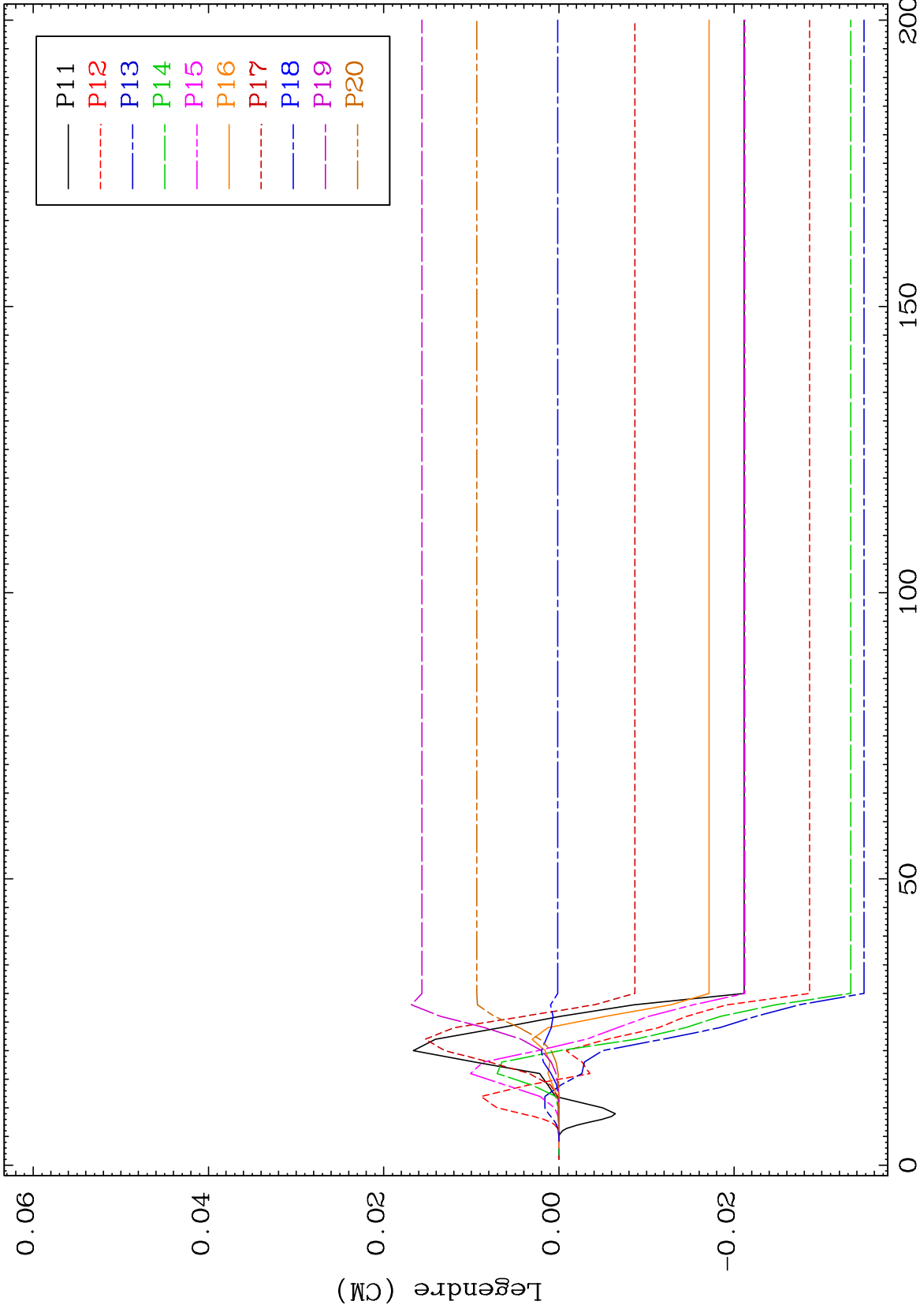
80-Hg-179



MAT 7974

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

80-Hg-179



32

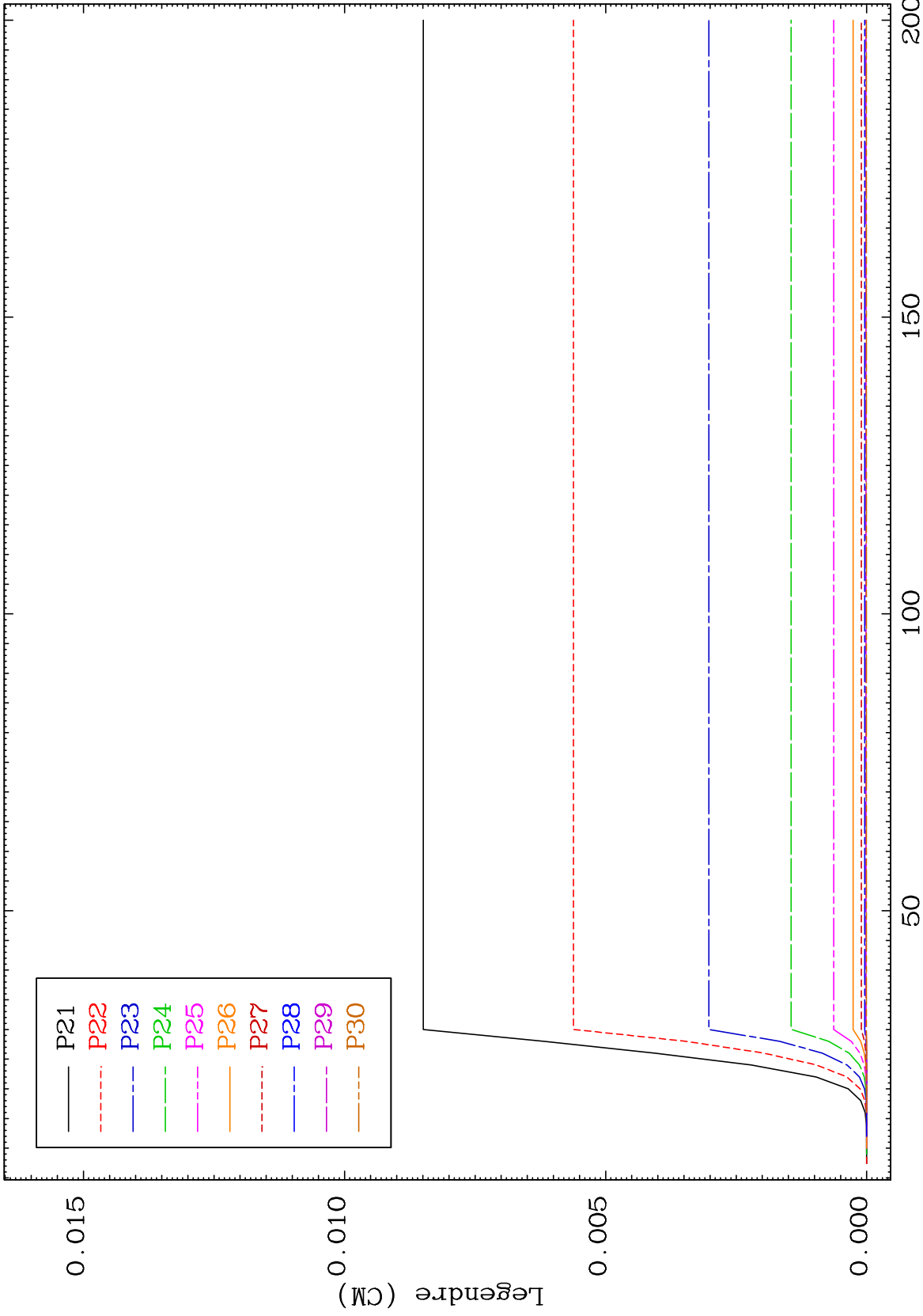
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

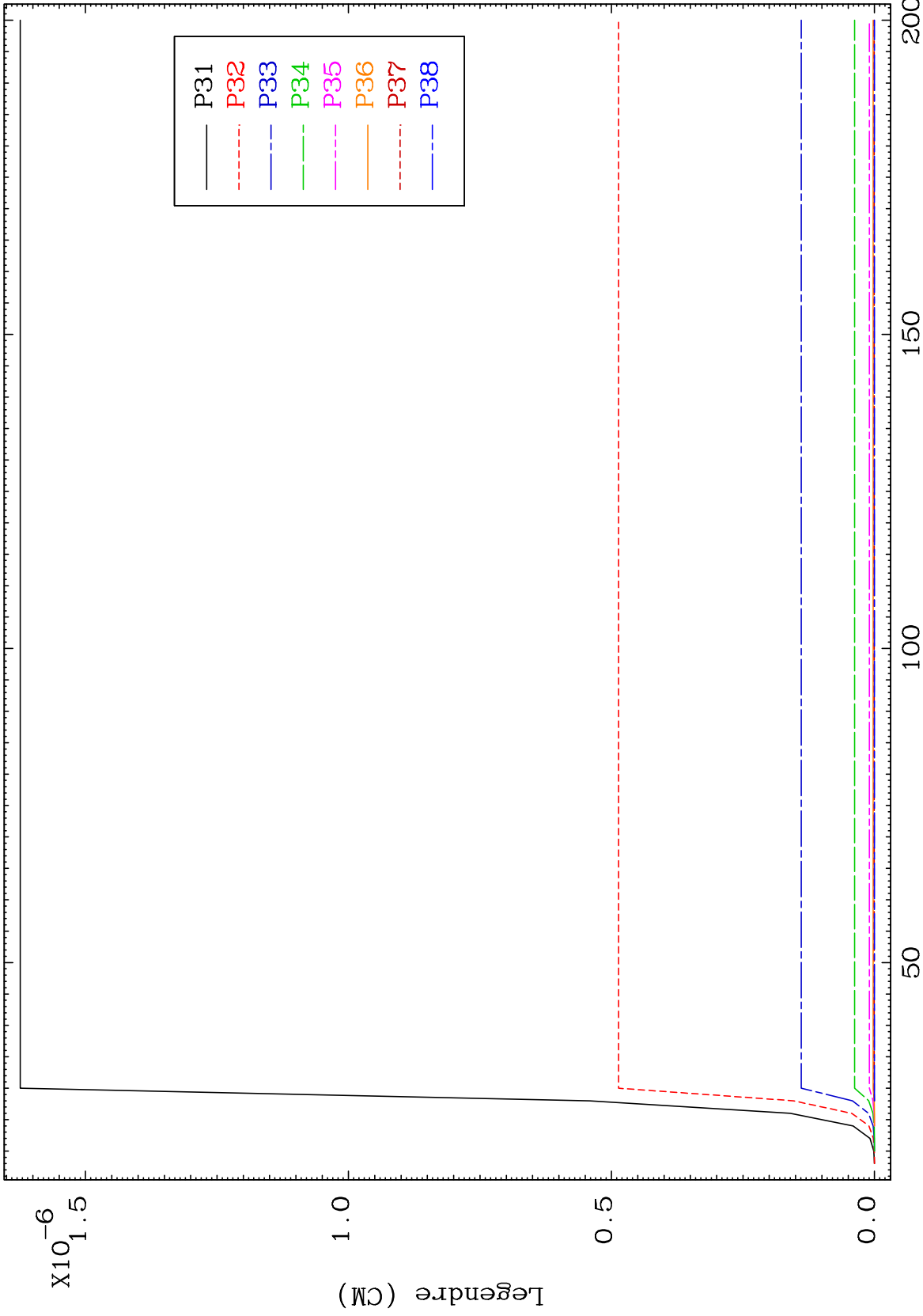
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MAT 7974

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

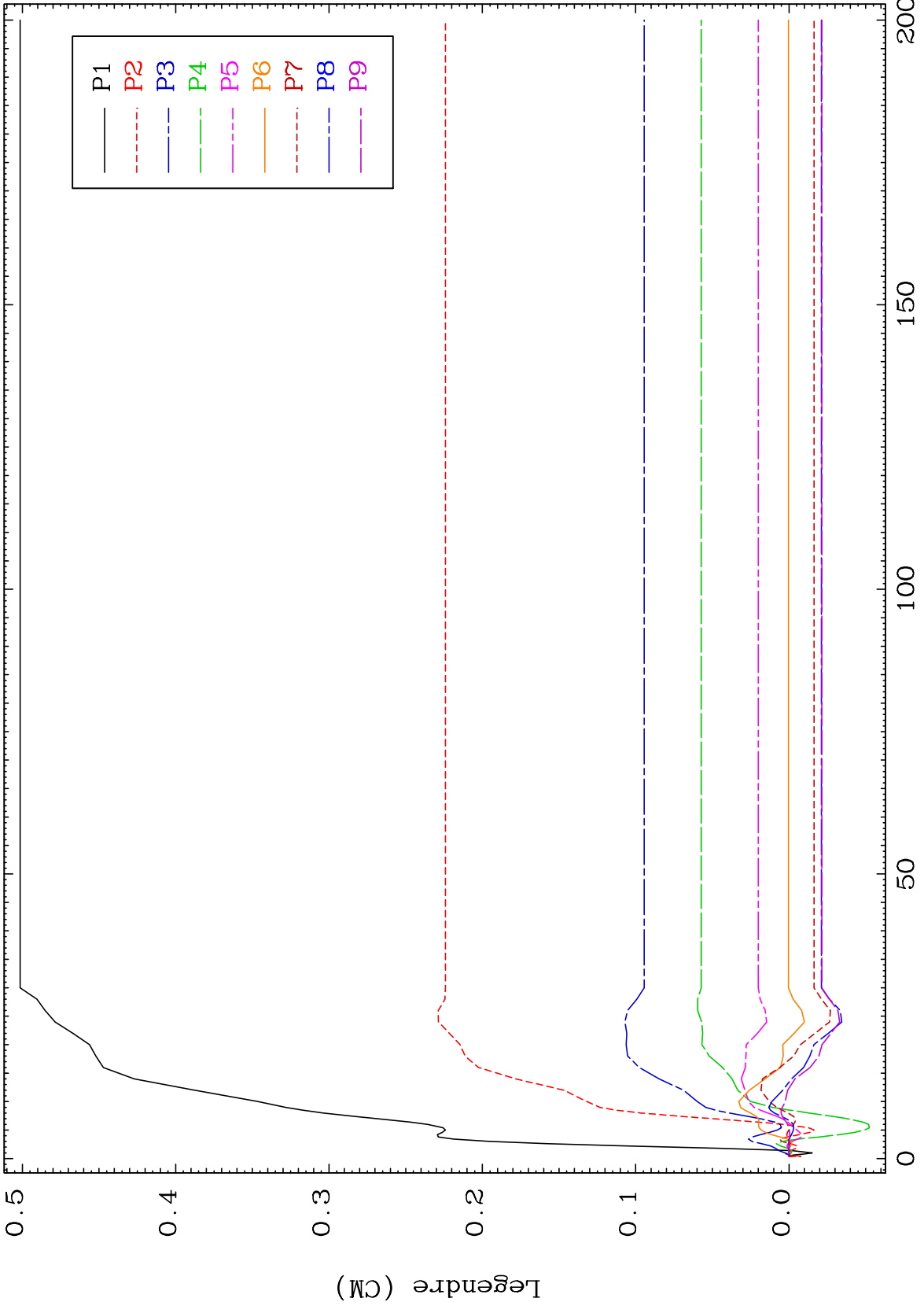
80-Hg-179



34

80-Hg-179

MAT 7974 MT= 55 (n,n') Level Legendre Coefficients 80-Hg-179

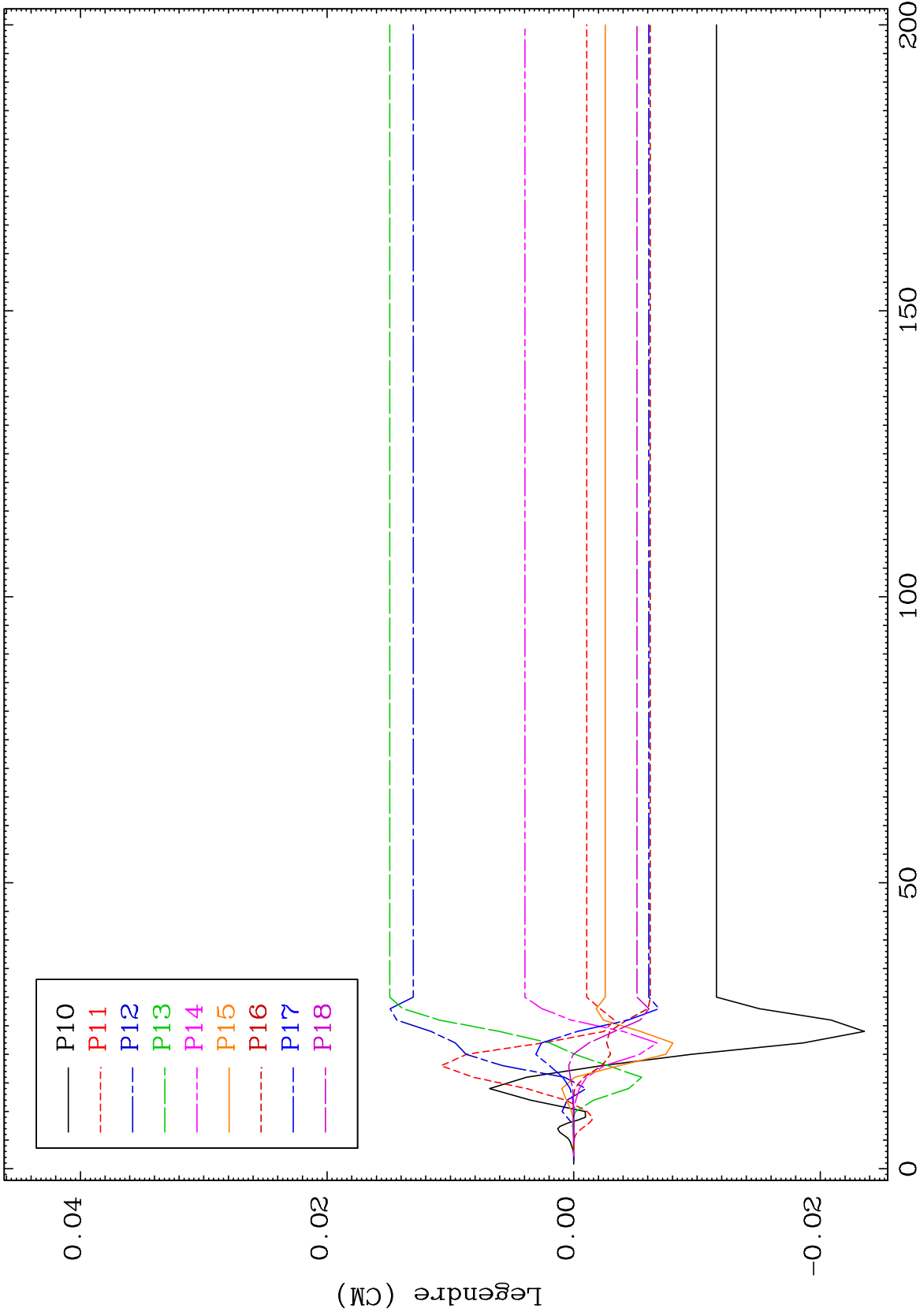


35 Incident Energy (MeV) 80-Hg-179

MAT 7974

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

80-Hg-179



36

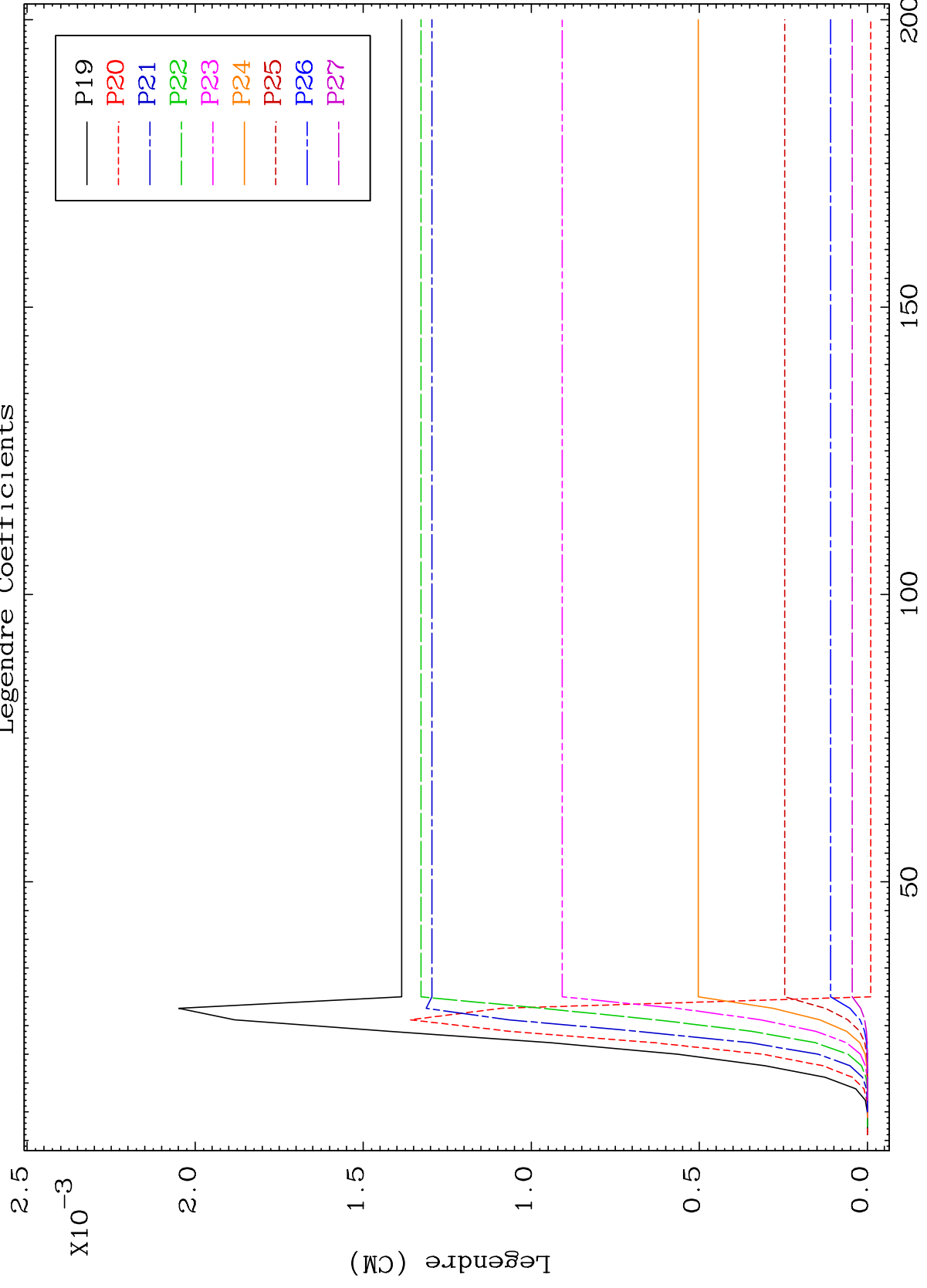
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



37

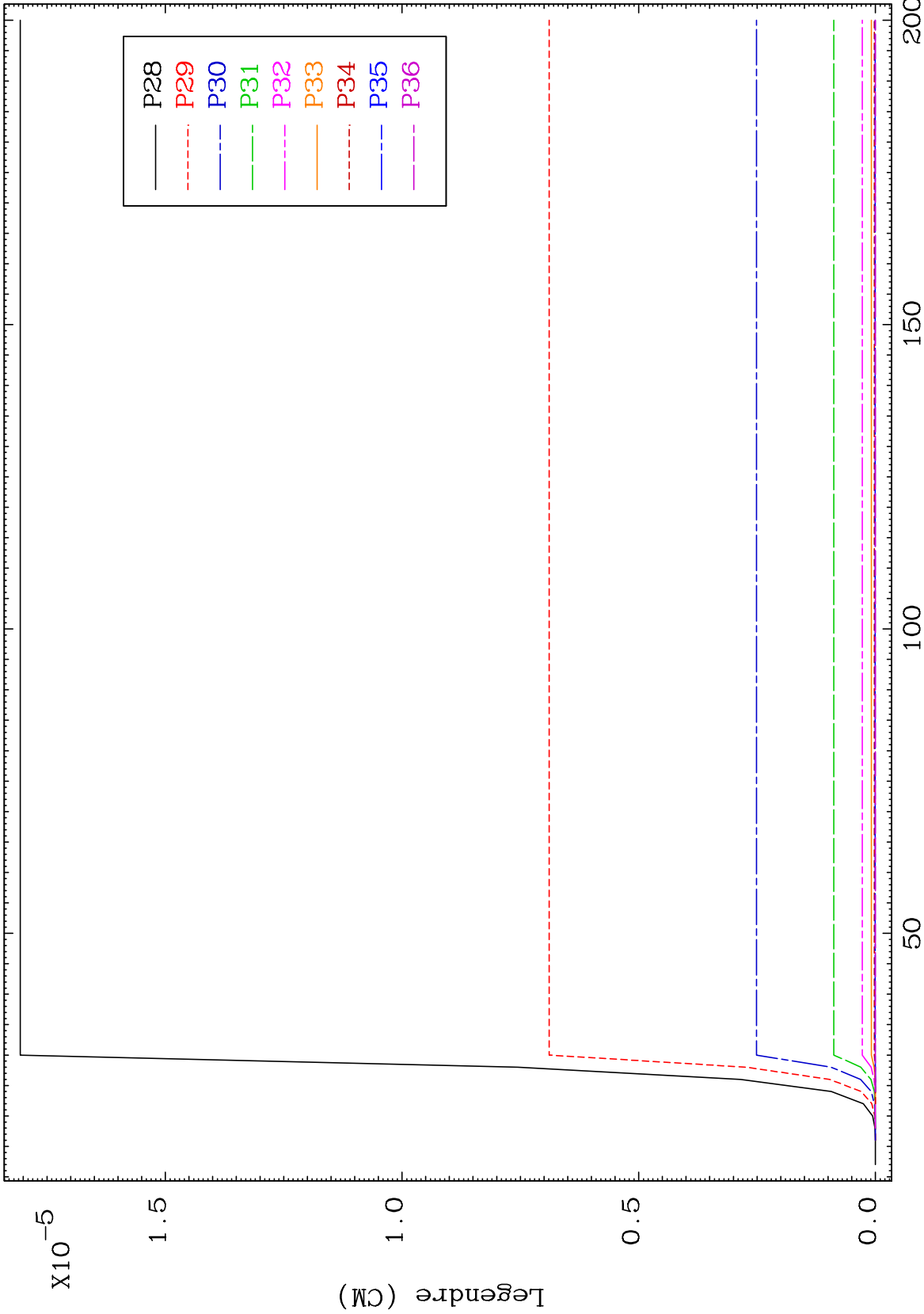
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



38

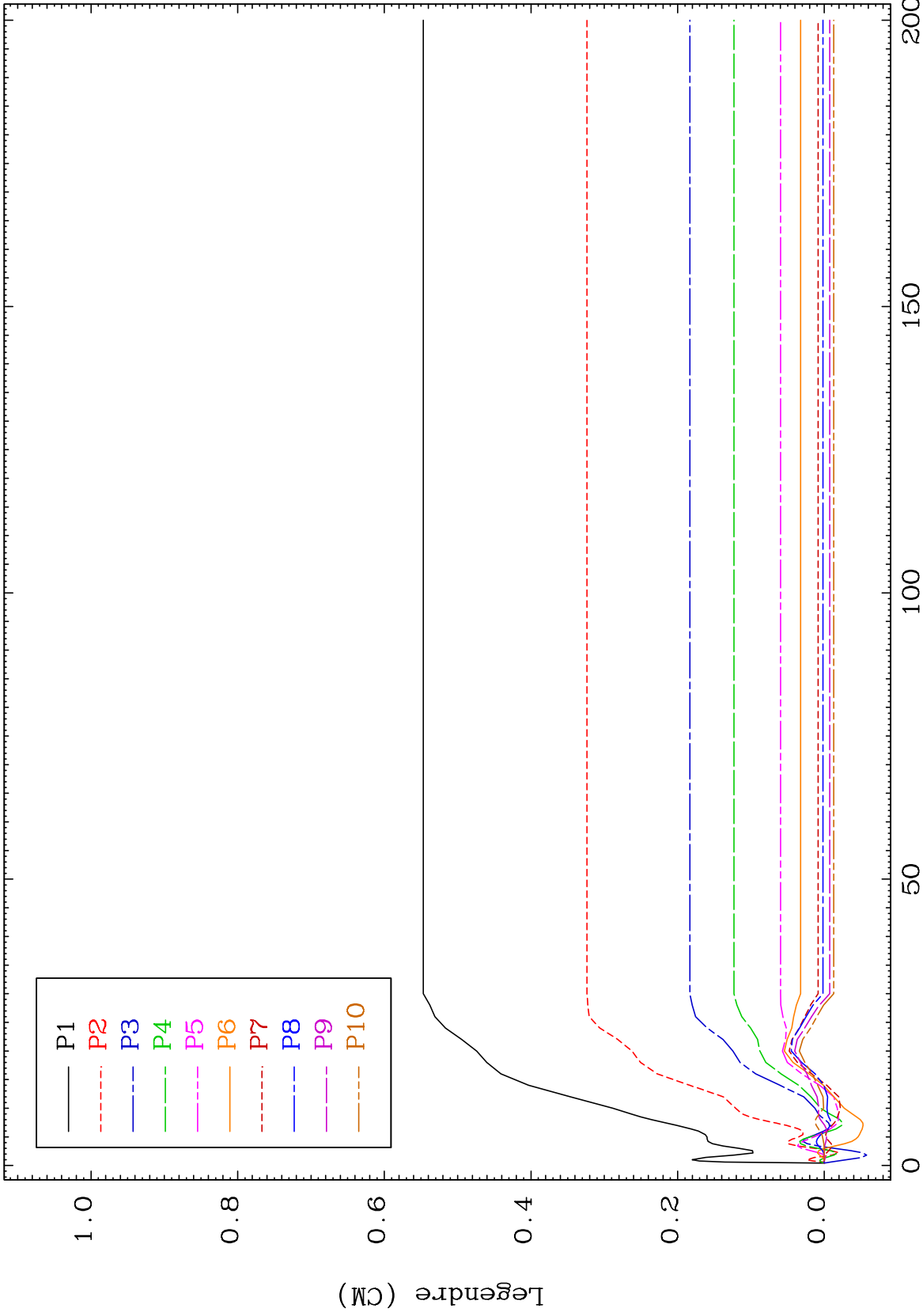
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



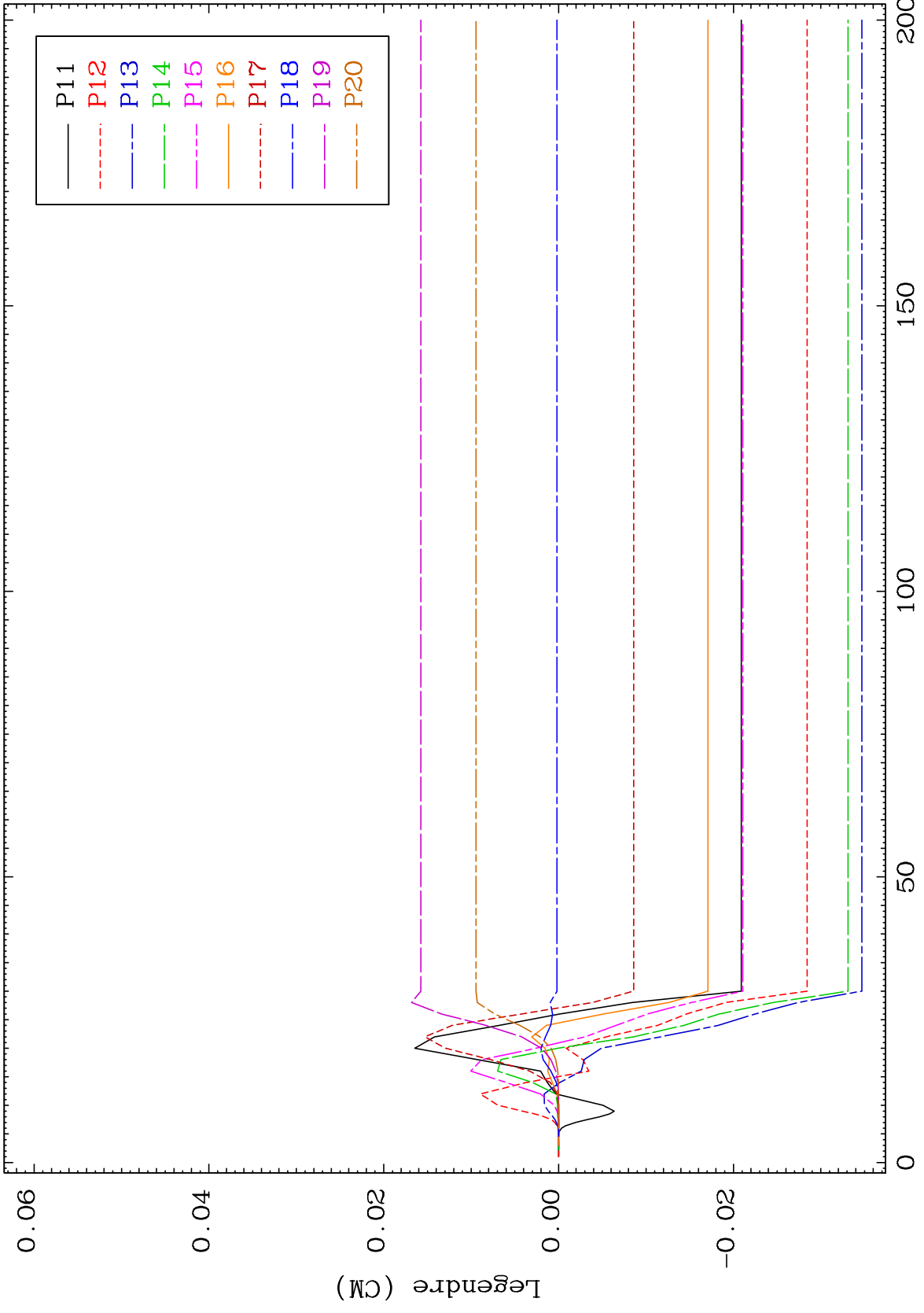
39

Incident Energy (MeV)

80-Hg-179



MAT 7974 MT= 56 (n,n') Level Legendre Coefficients 80-Hg-179

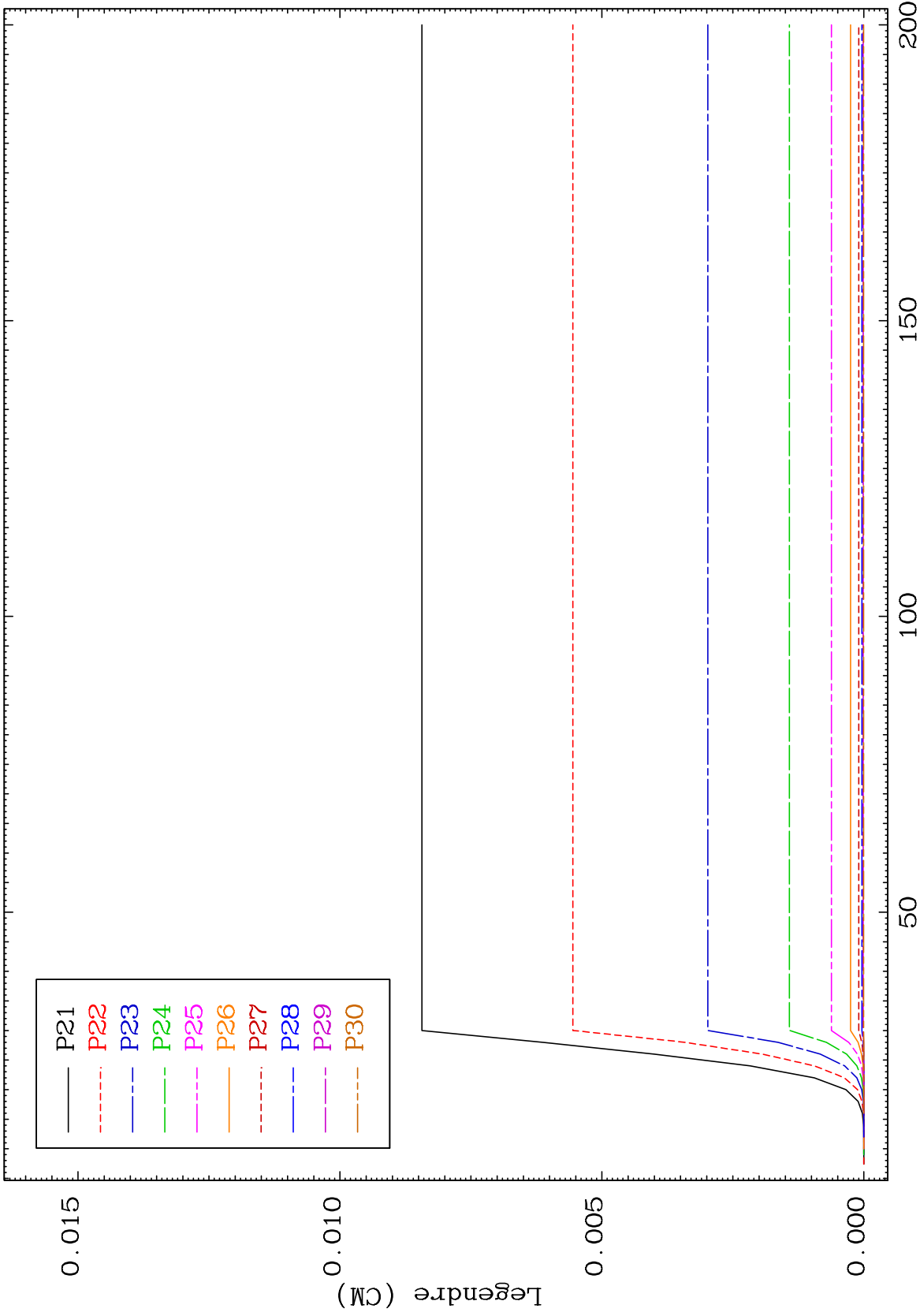


40 Incident Energy (MeV) 80-Hg-179

MAT 7974

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

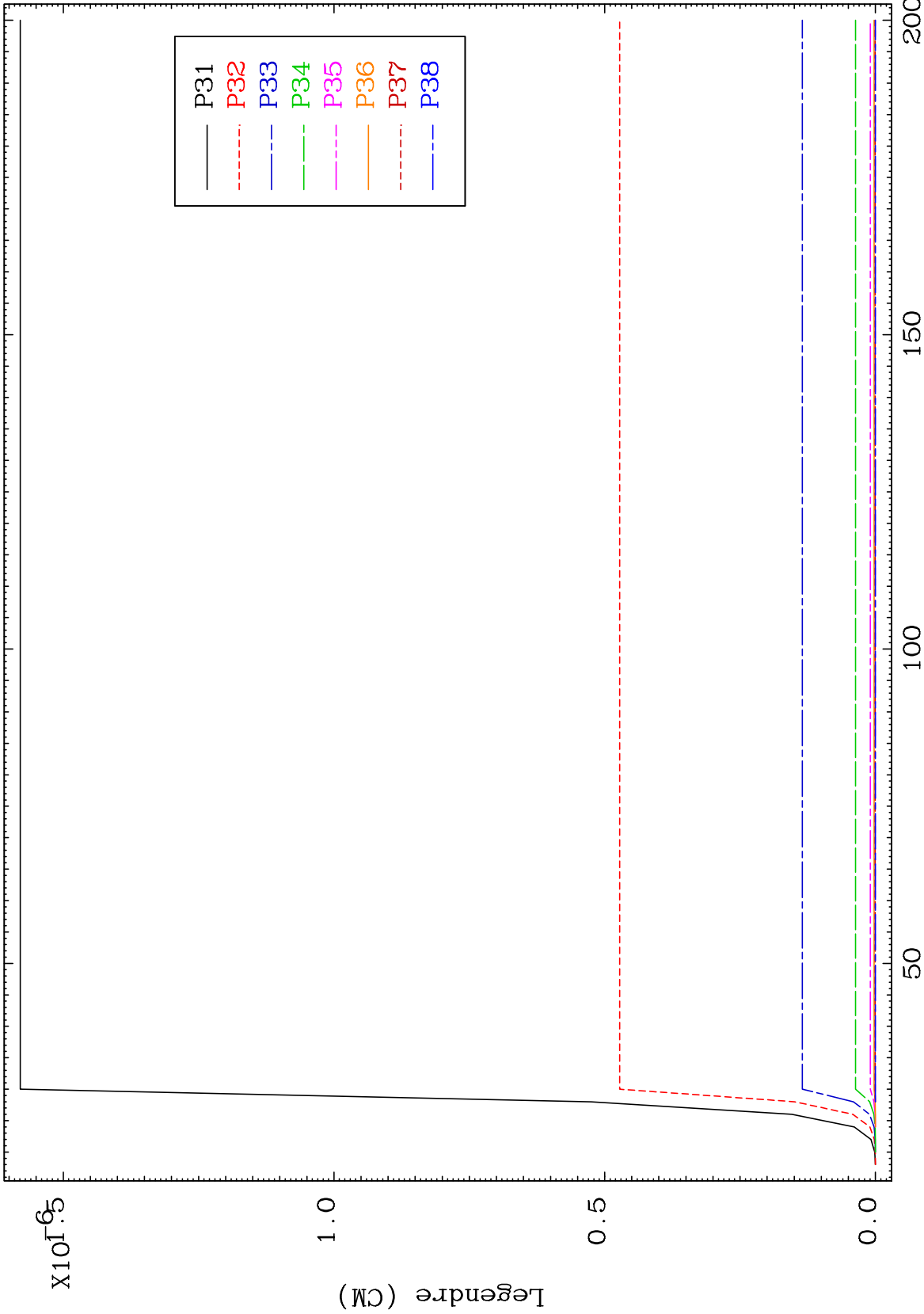
80-Hg-179



MAT 7974

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

80-Hg-179



42

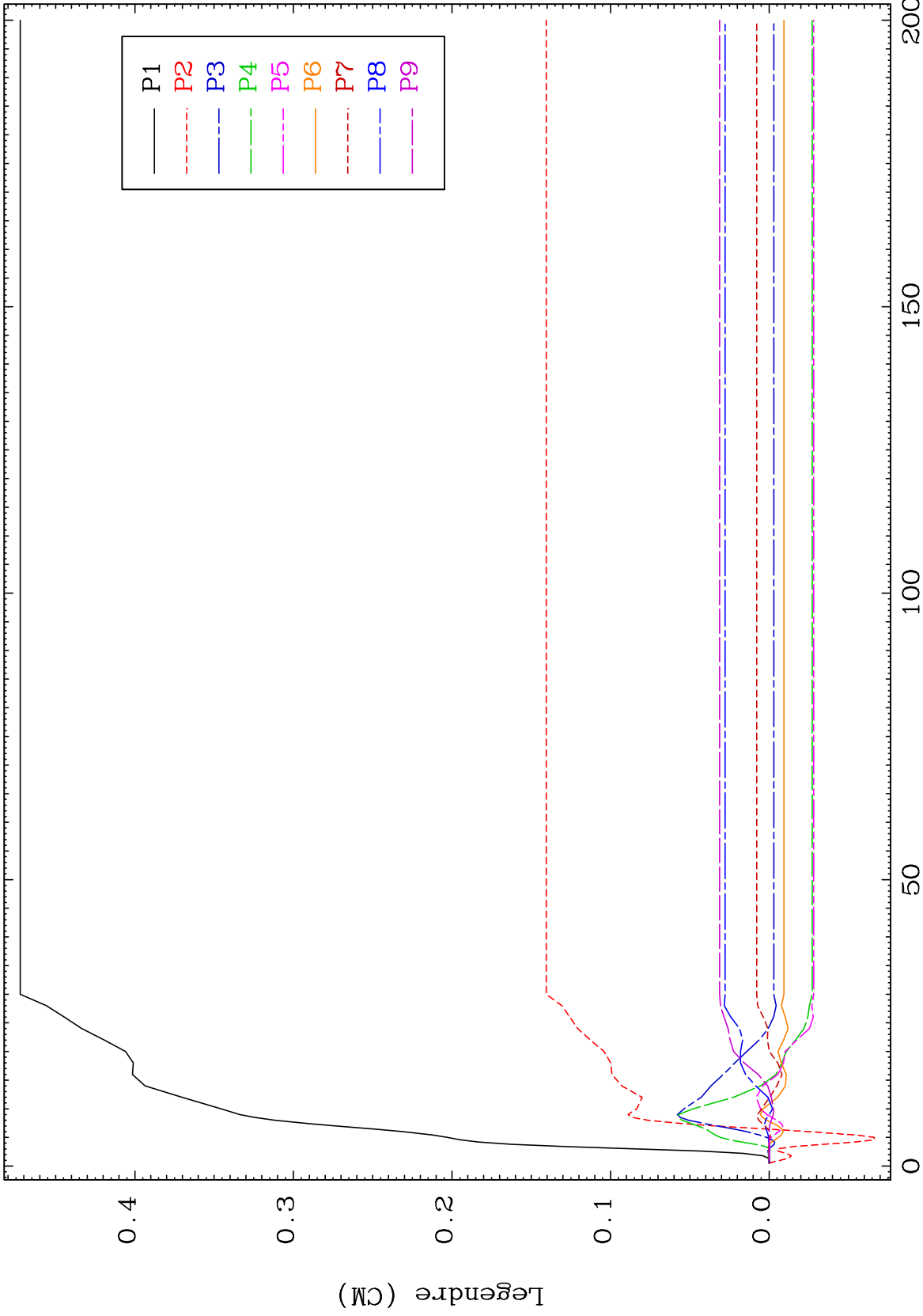
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



43

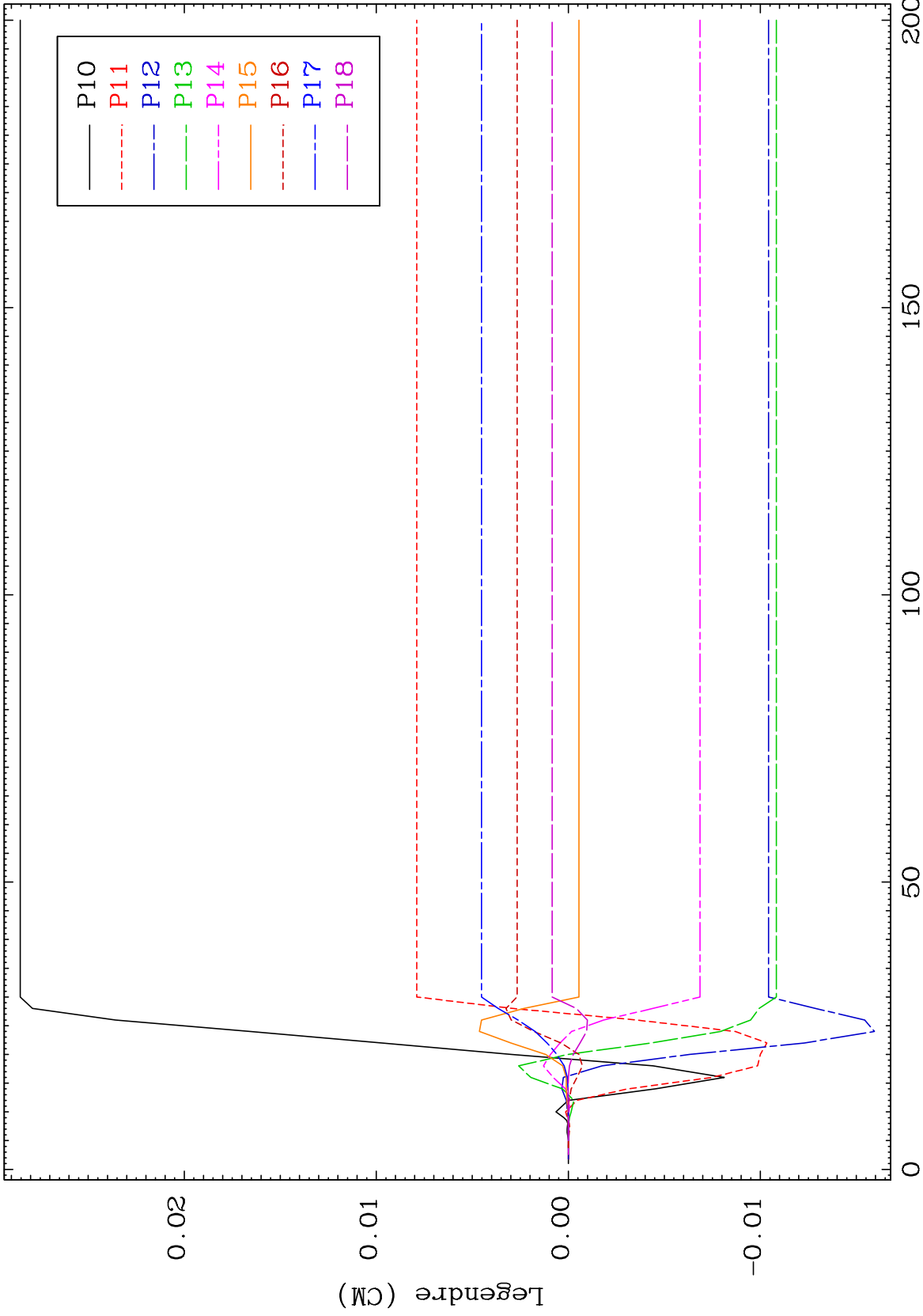
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



44

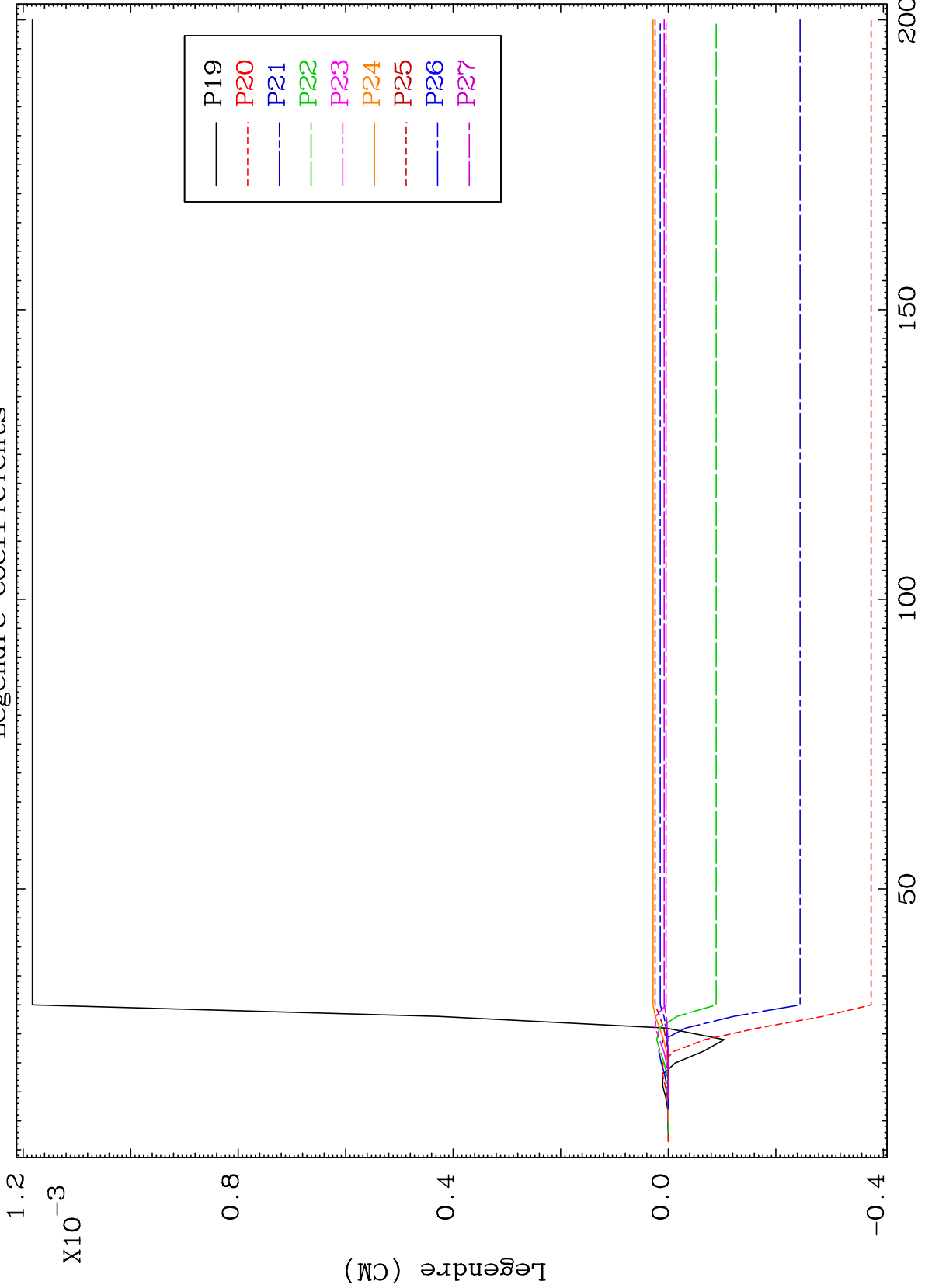
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



45

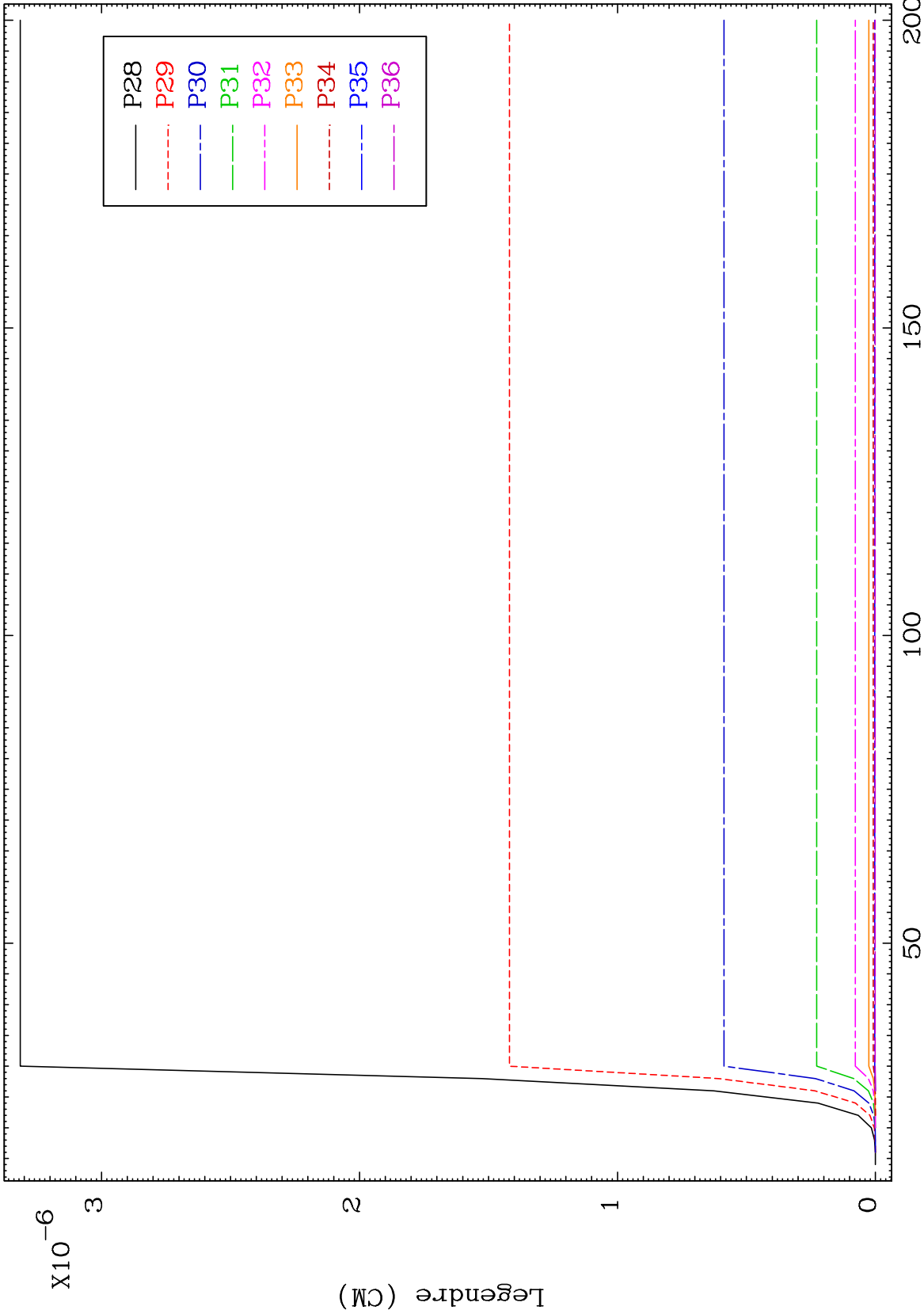
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



46

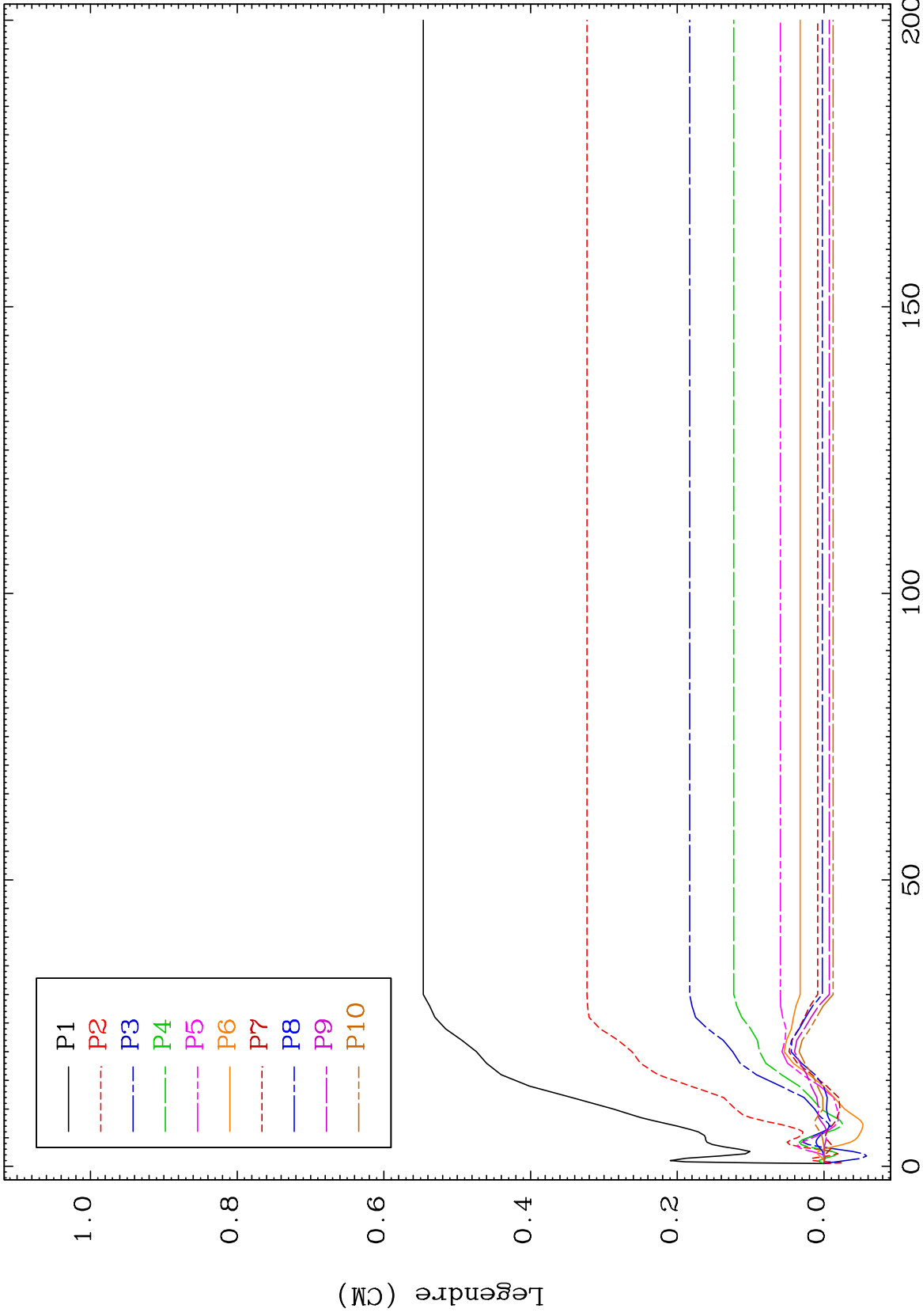
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



47

Incident Energy (MeV)

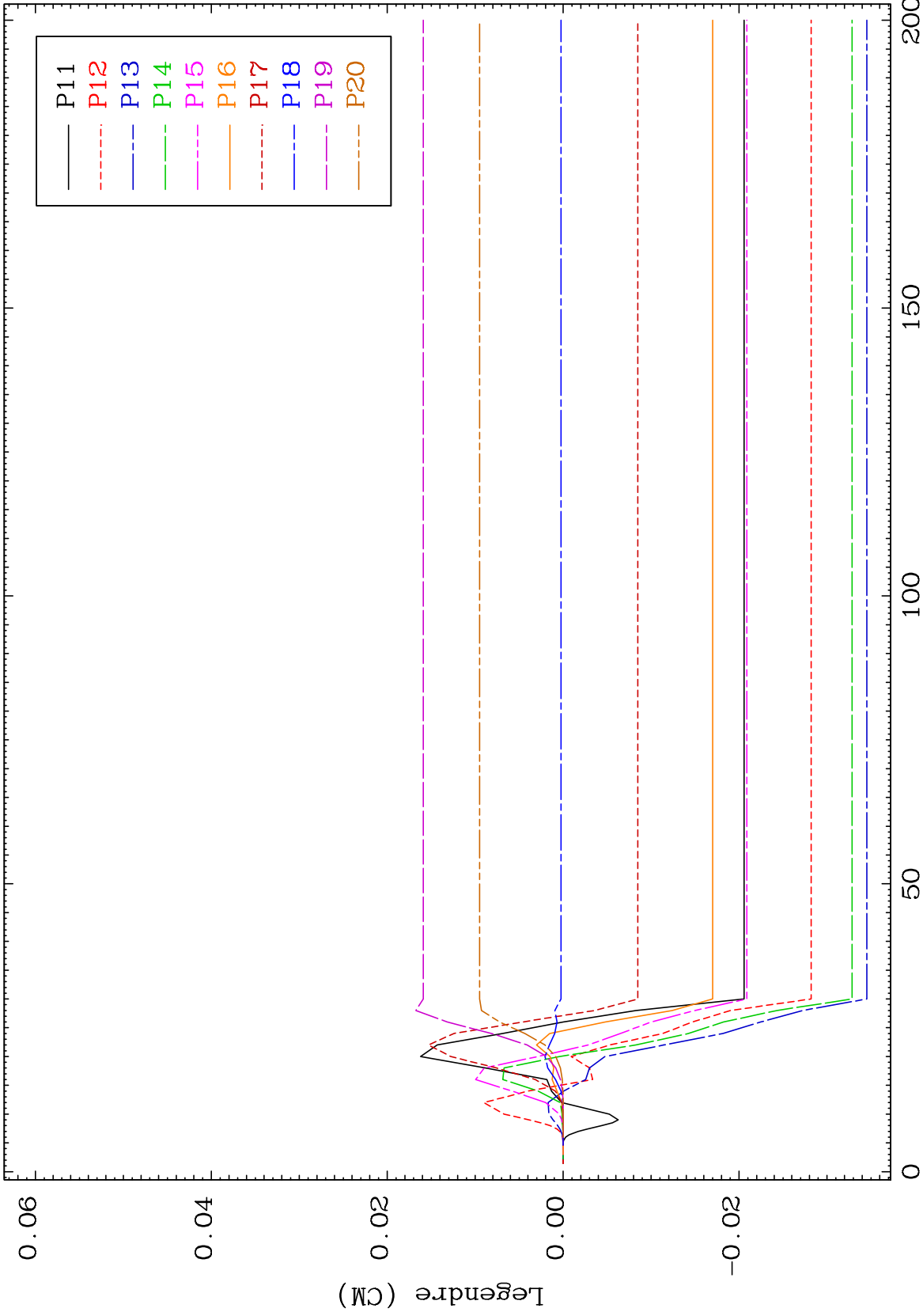
80-Hg-179



MAT 7974

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

80-Hg-179



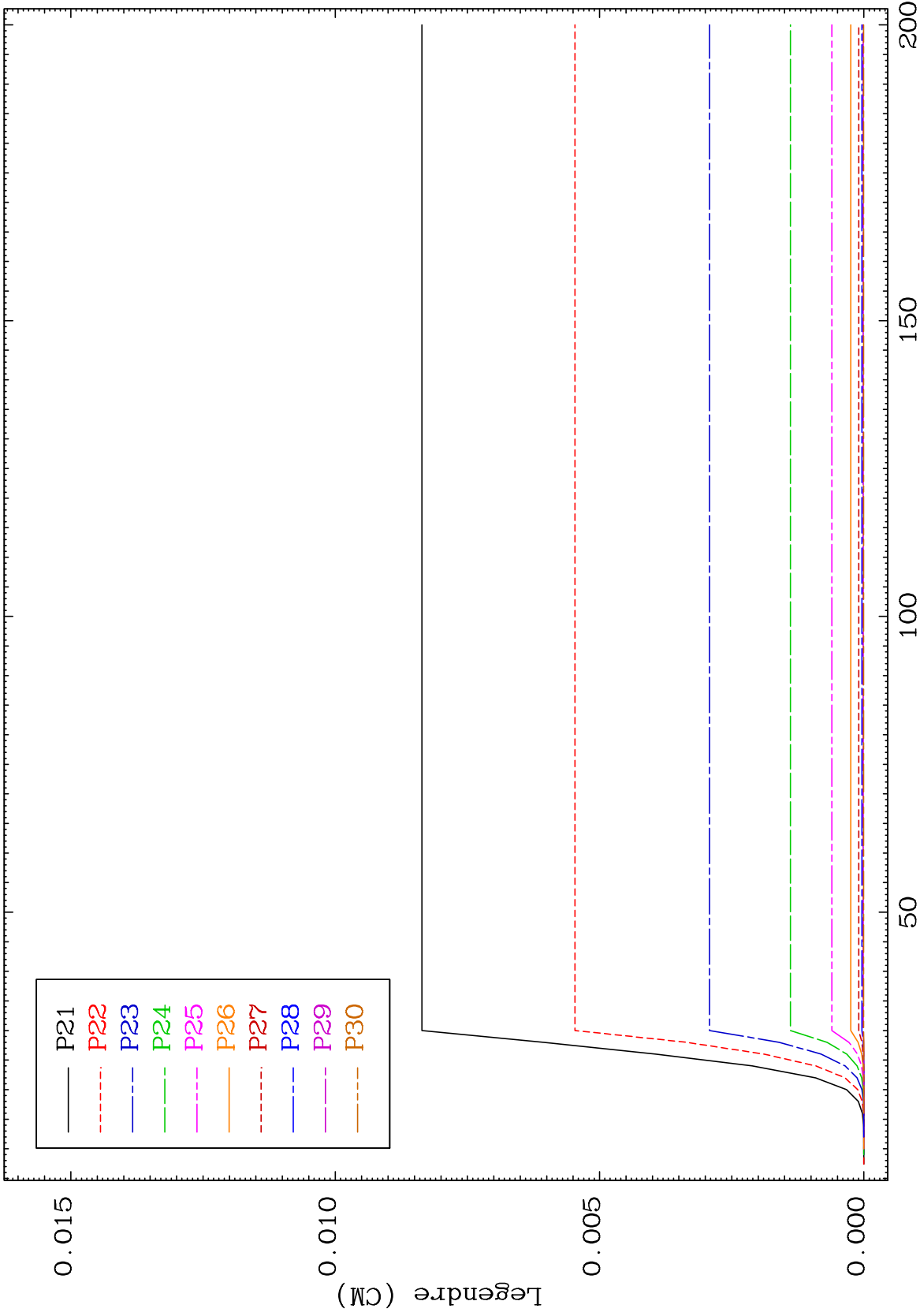
48

80-Hg-179

MAT 7974

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

80-Hg-179



49

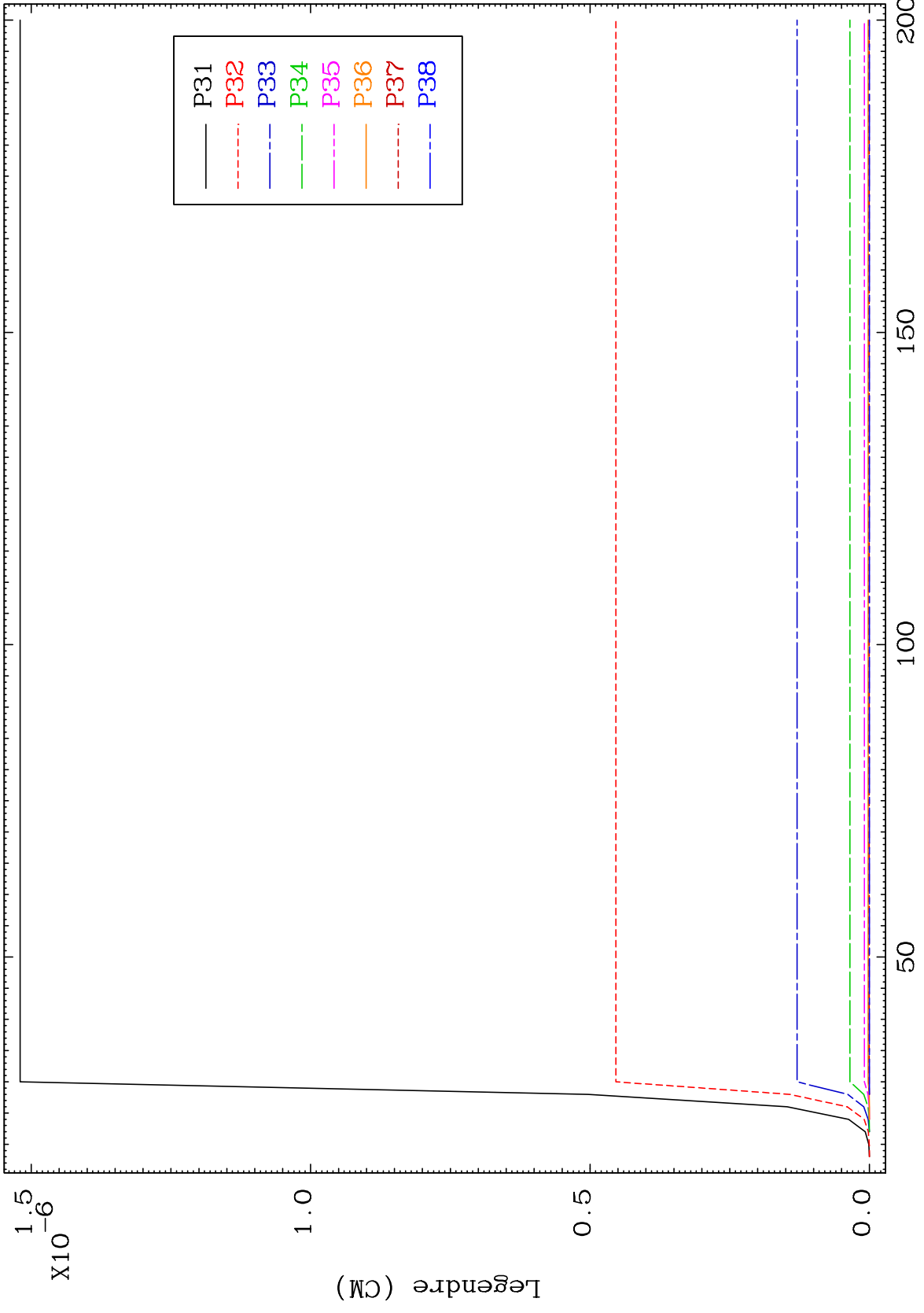
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



50

50

100

150

200

Incident Energy (MeV)

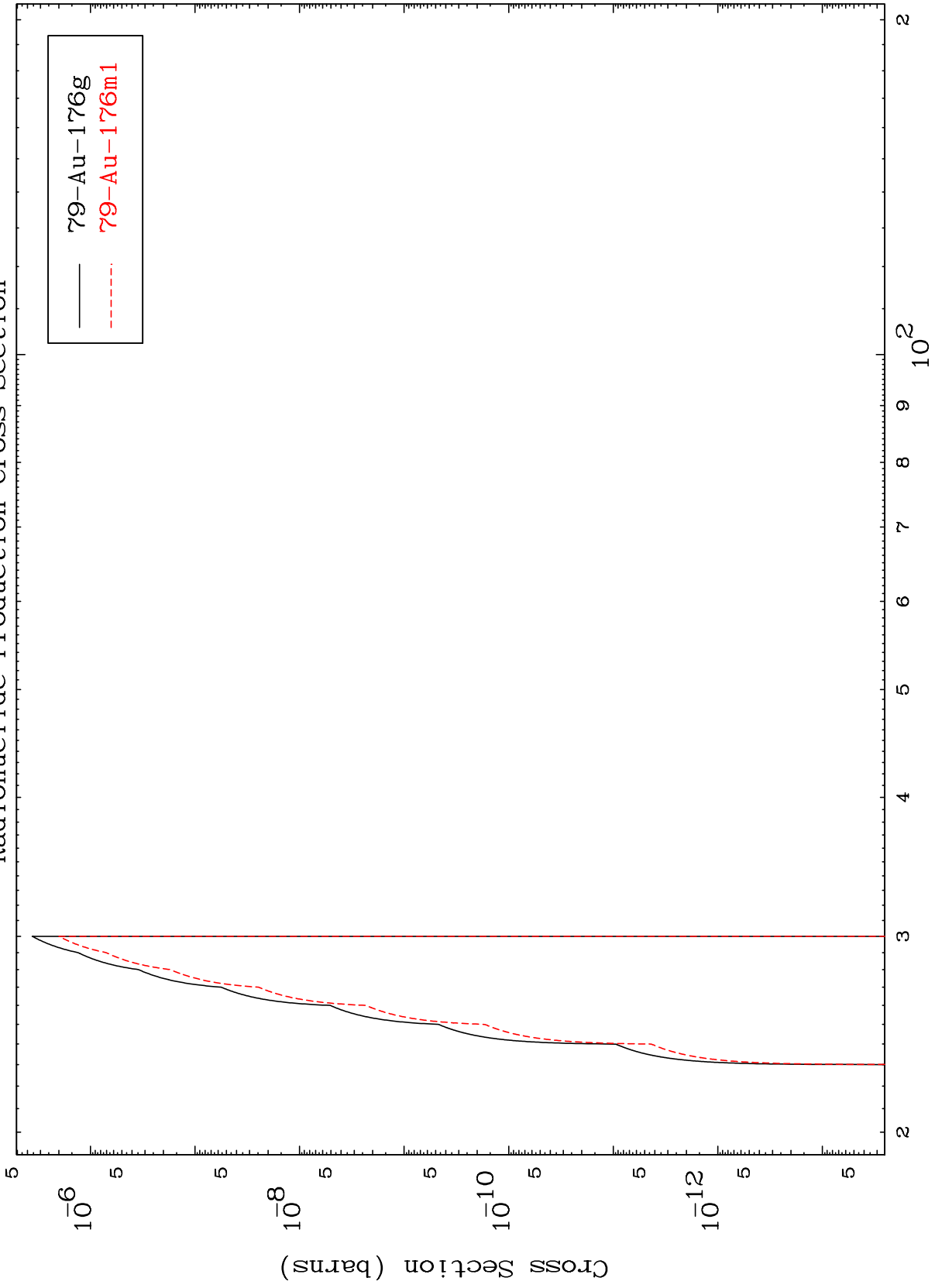
80-Hg-179

MAT 7974

(n,2n) d

80-Hg-179

Radionuclide Production Cross Section



51

Incident Energy (MeV)

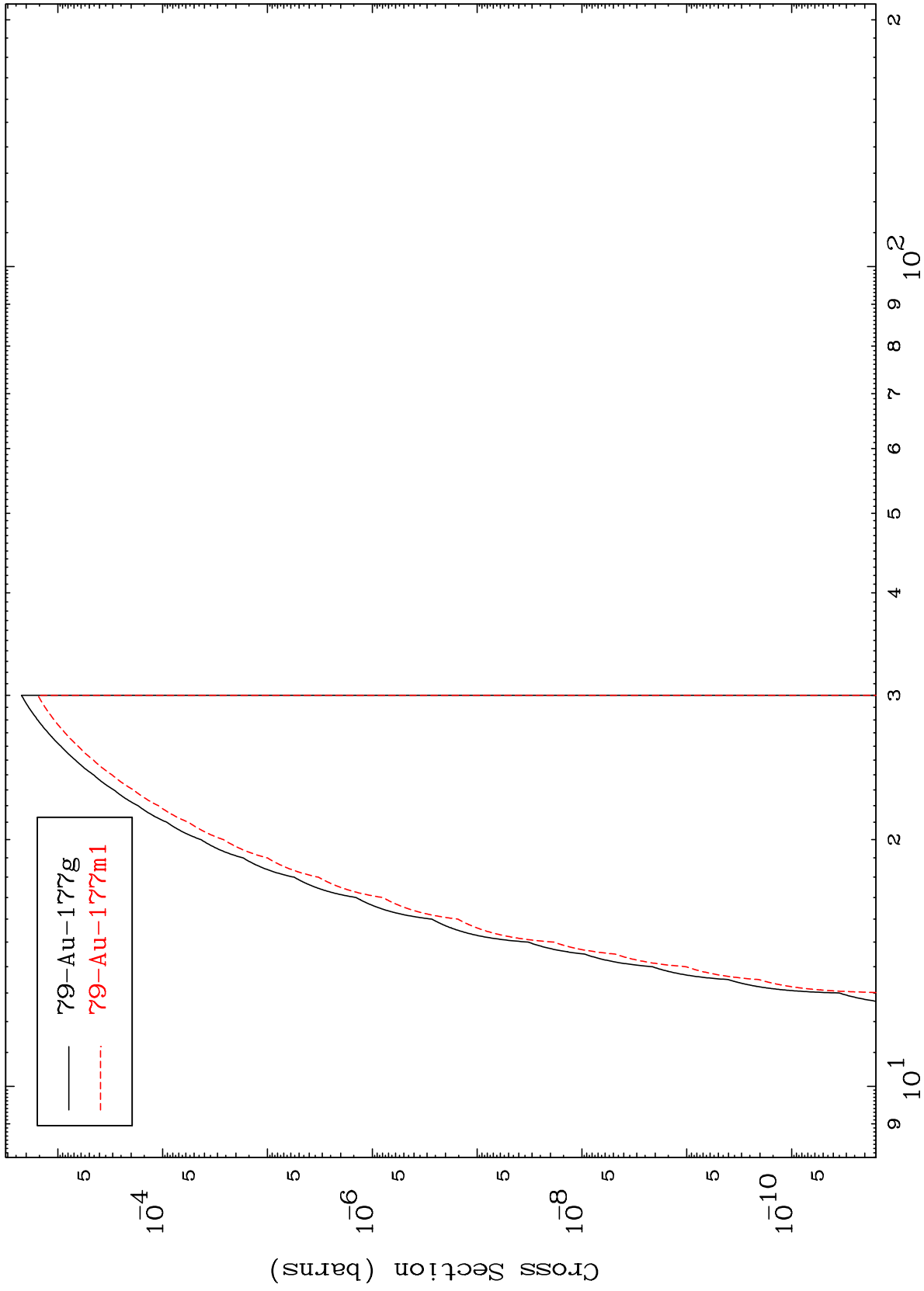
80-Hg-179

MAT 7974

(n,n') d

80-Hg-179

Radionuclide Production Cross Section



52

Incident Energy (MeV)

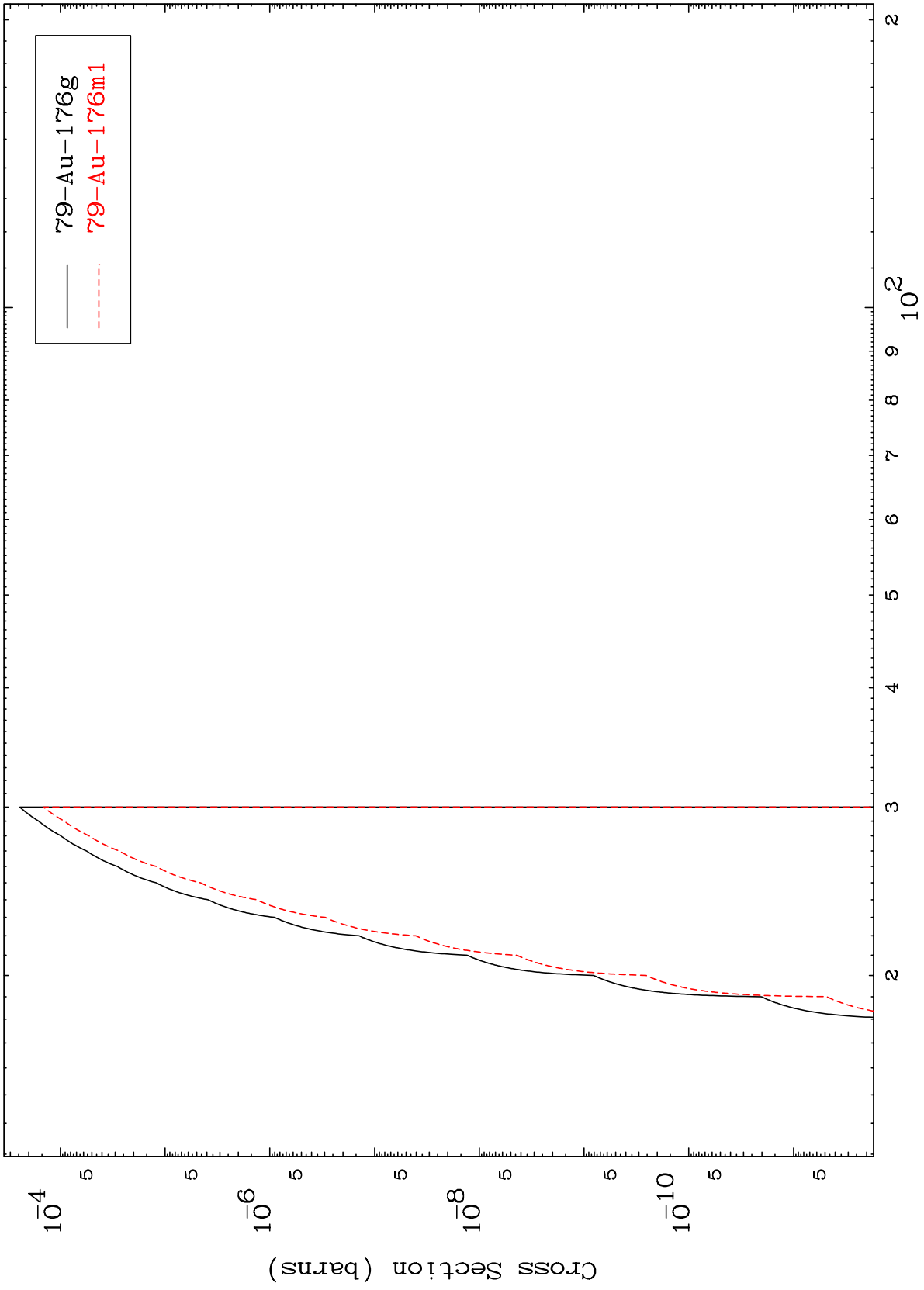
80-Hg-179

MAT 7974

(n,n') t

80-Hg-179

Radionuclide Production Cross Section



53

Incident Energy (MeV)

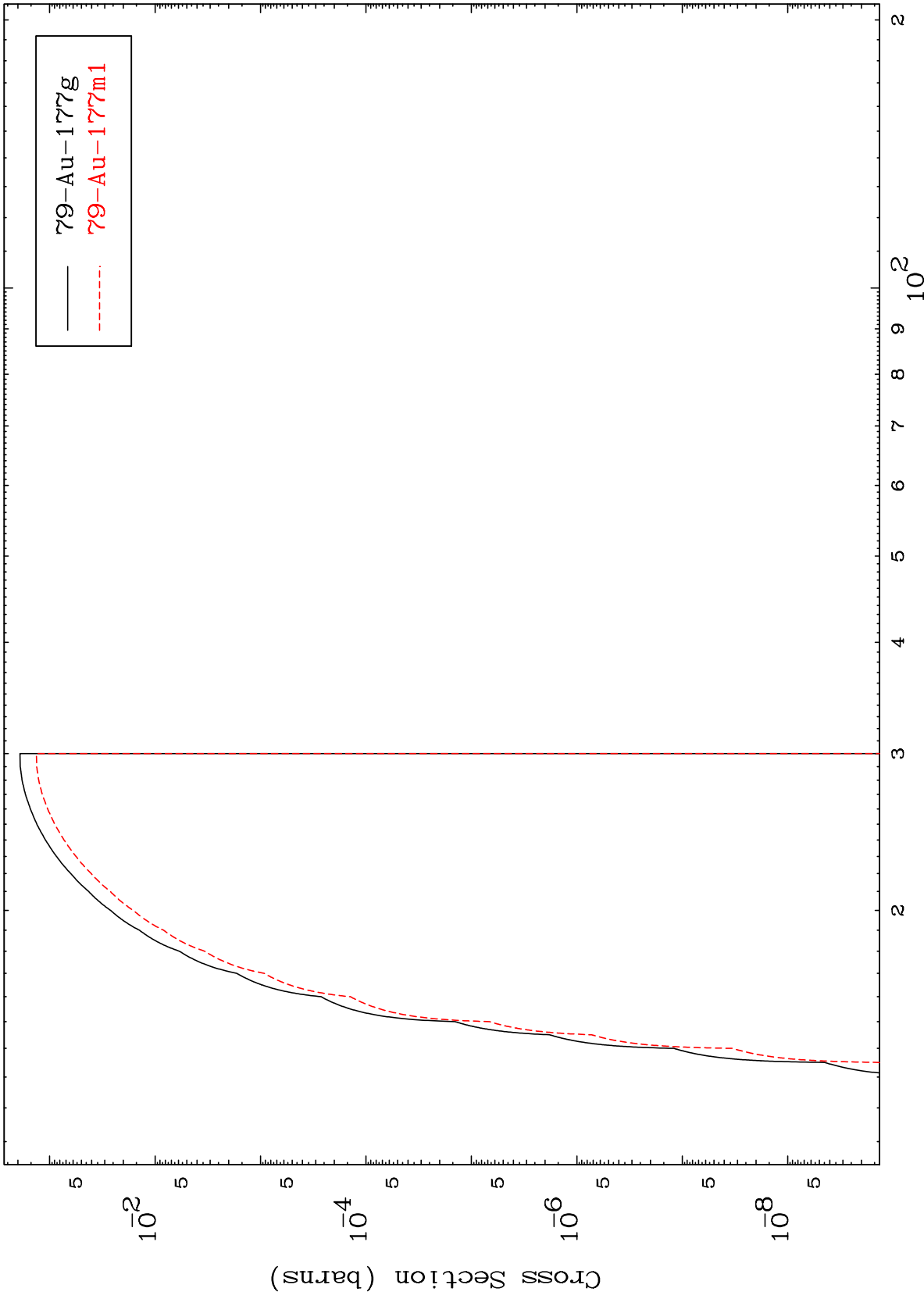
80-Hg-179

MAT 7974

(n,2n) p

80-Hg-179

Radionuclide Production Cross Section



54

Incident Energy (MeV)

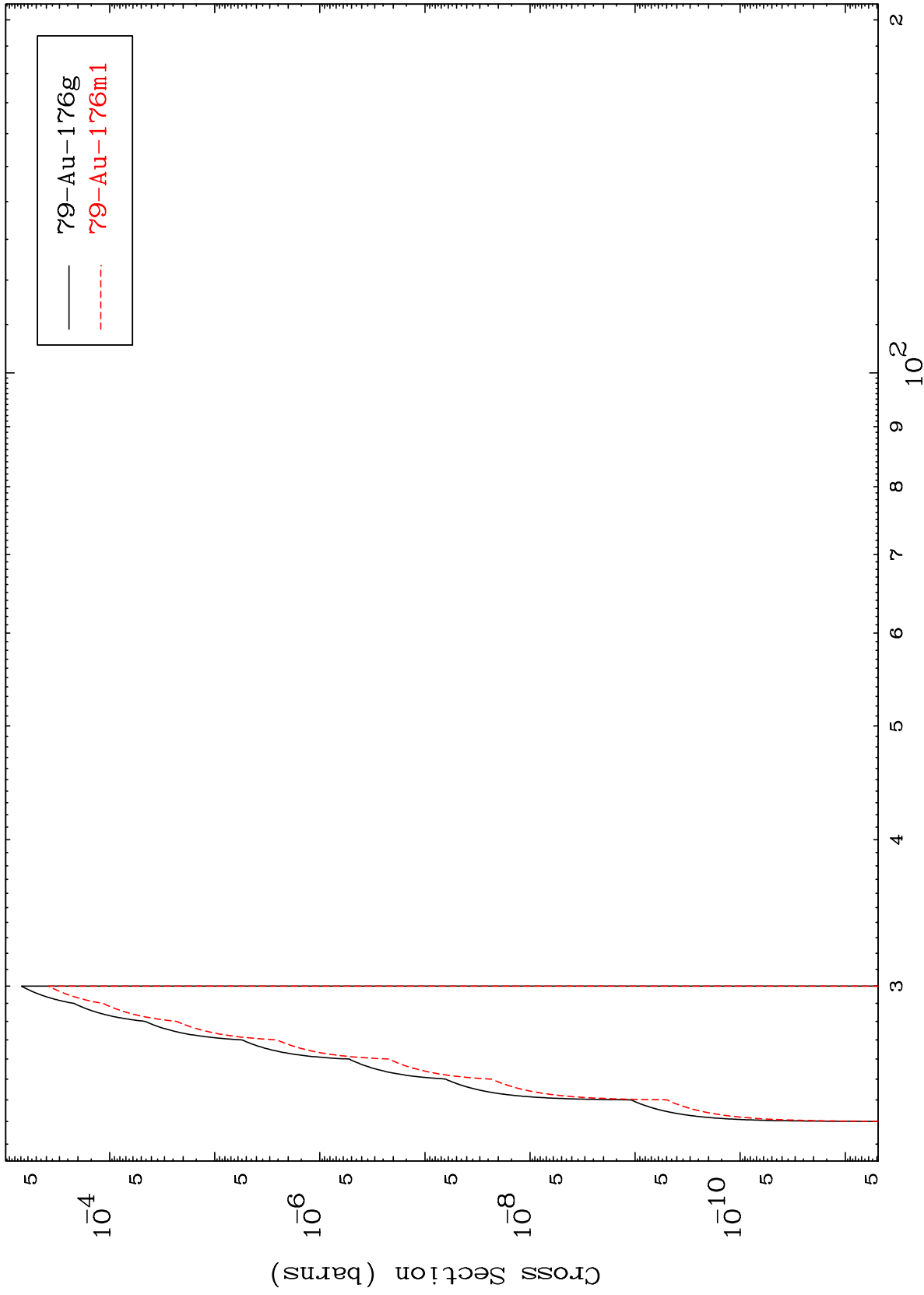
80-Hg-179

MAT 7974

(n,3n) p

80-Hg-179

Radionuclide Production Cross Section



55

Incident Energy (MeV)

80-Hg-179

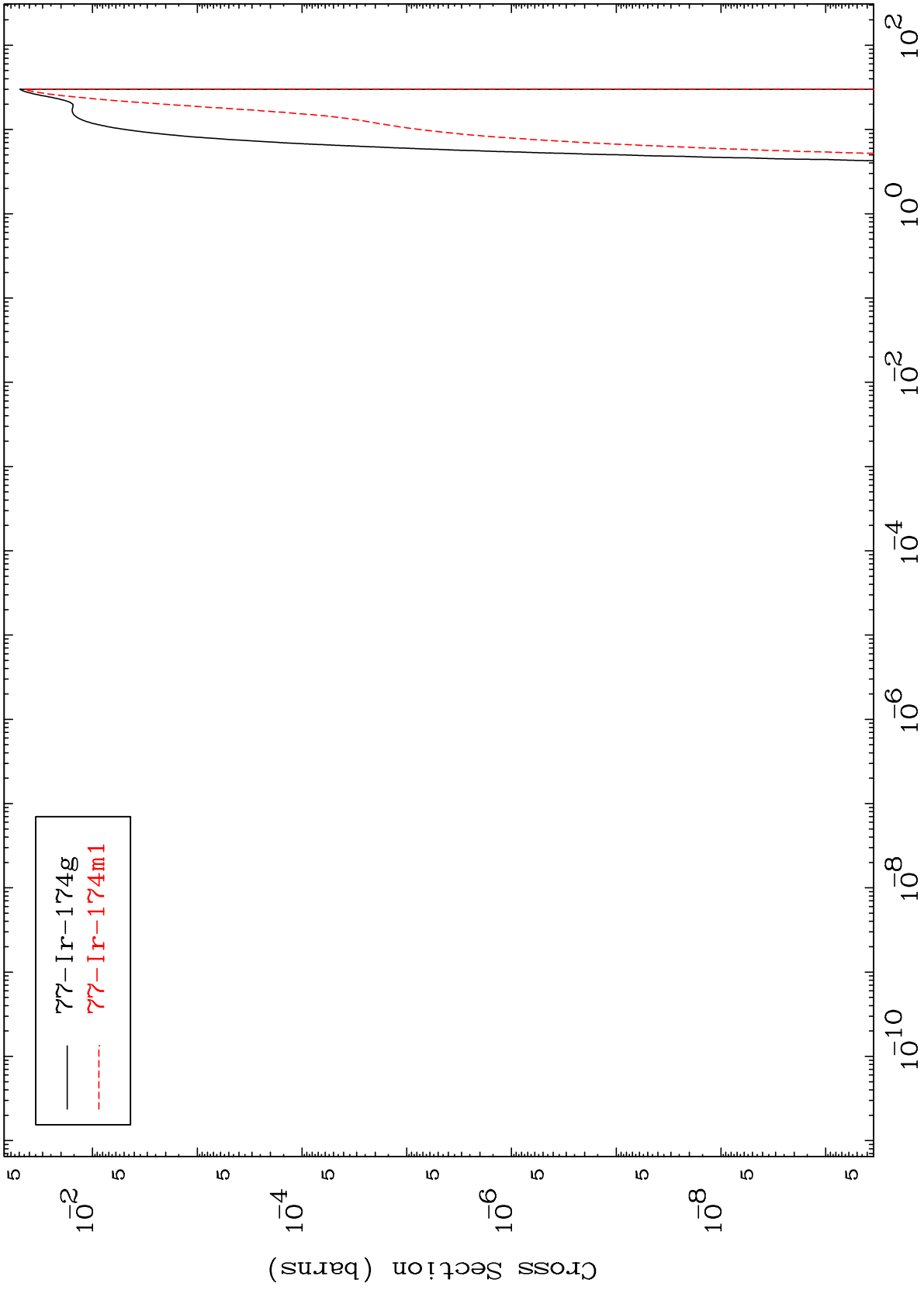


MAT 7974

(n,n') p  $\alpha$

80-Hg-179

Radionuclide Production Cross Section



56

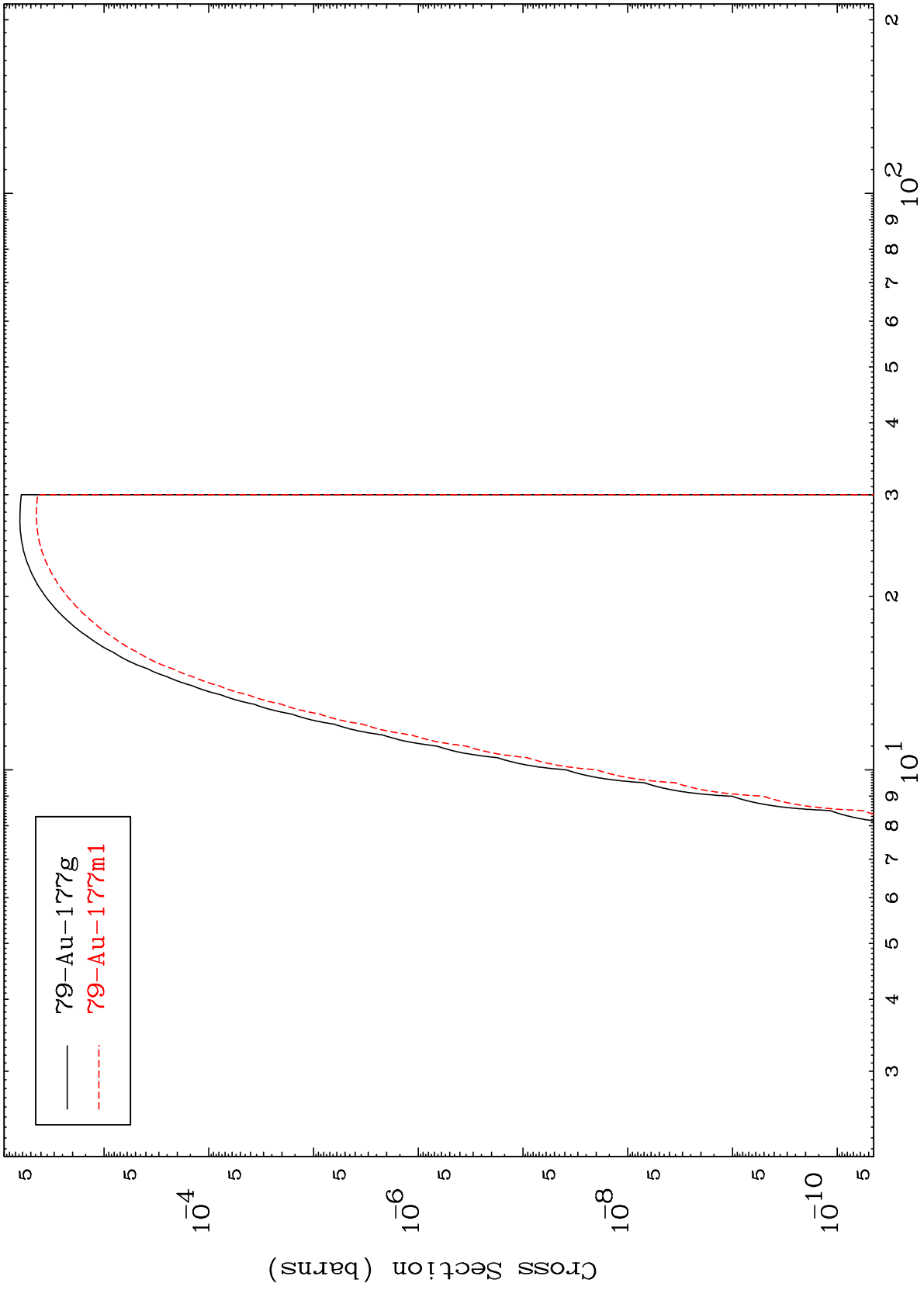
Incident Energy (MeV)

80-Hg-179

MAT 7974

80-Hg-179

(n, t)  
Radionuclide Production Cross Section



57

Incident Energy (MeV)

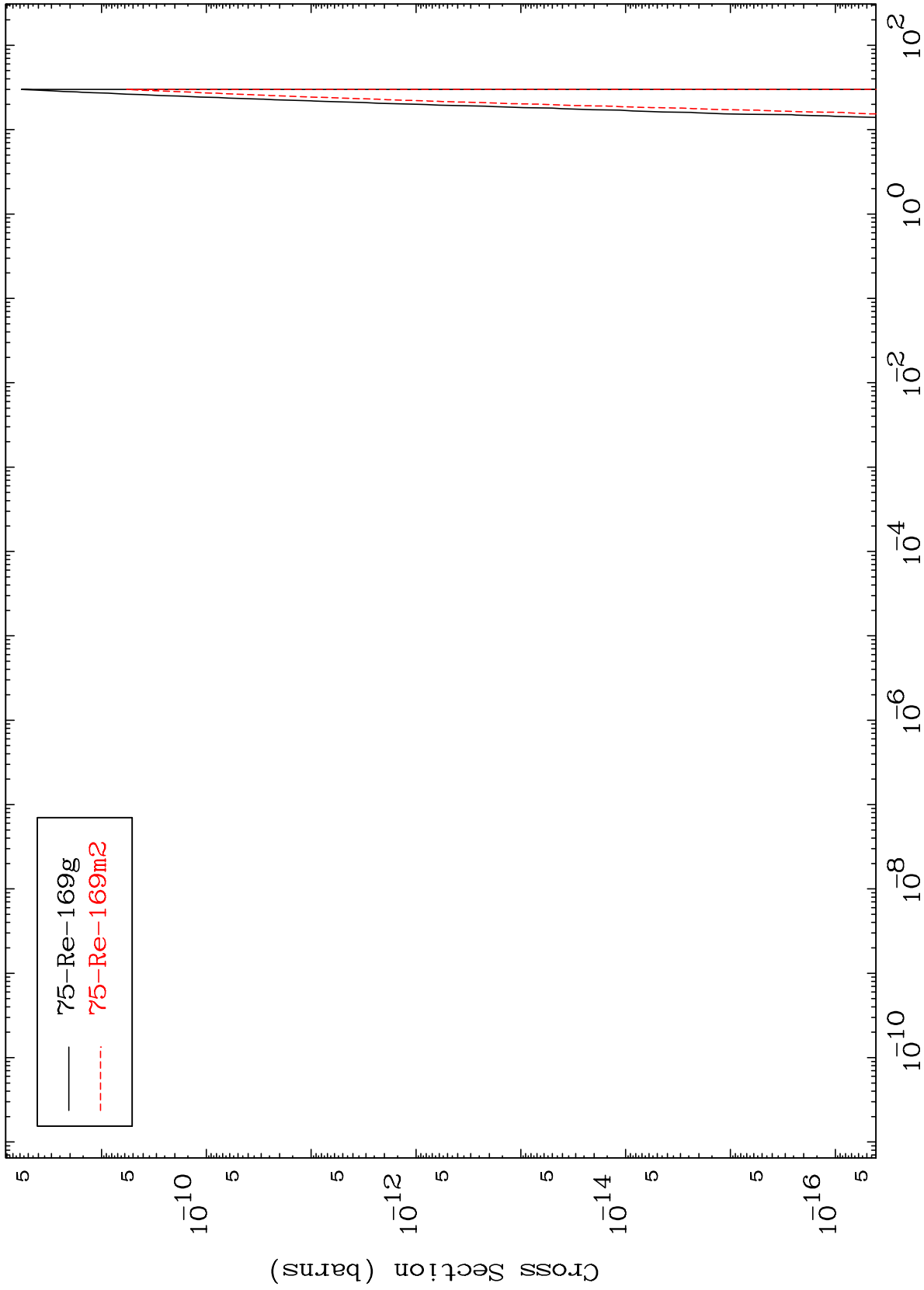
80-Hg-179

MAT 7974

(n, t)  $2\alpha$

80-Hg-179

Radionuclide Production Cross Section



58

Incident Energy (MeV)

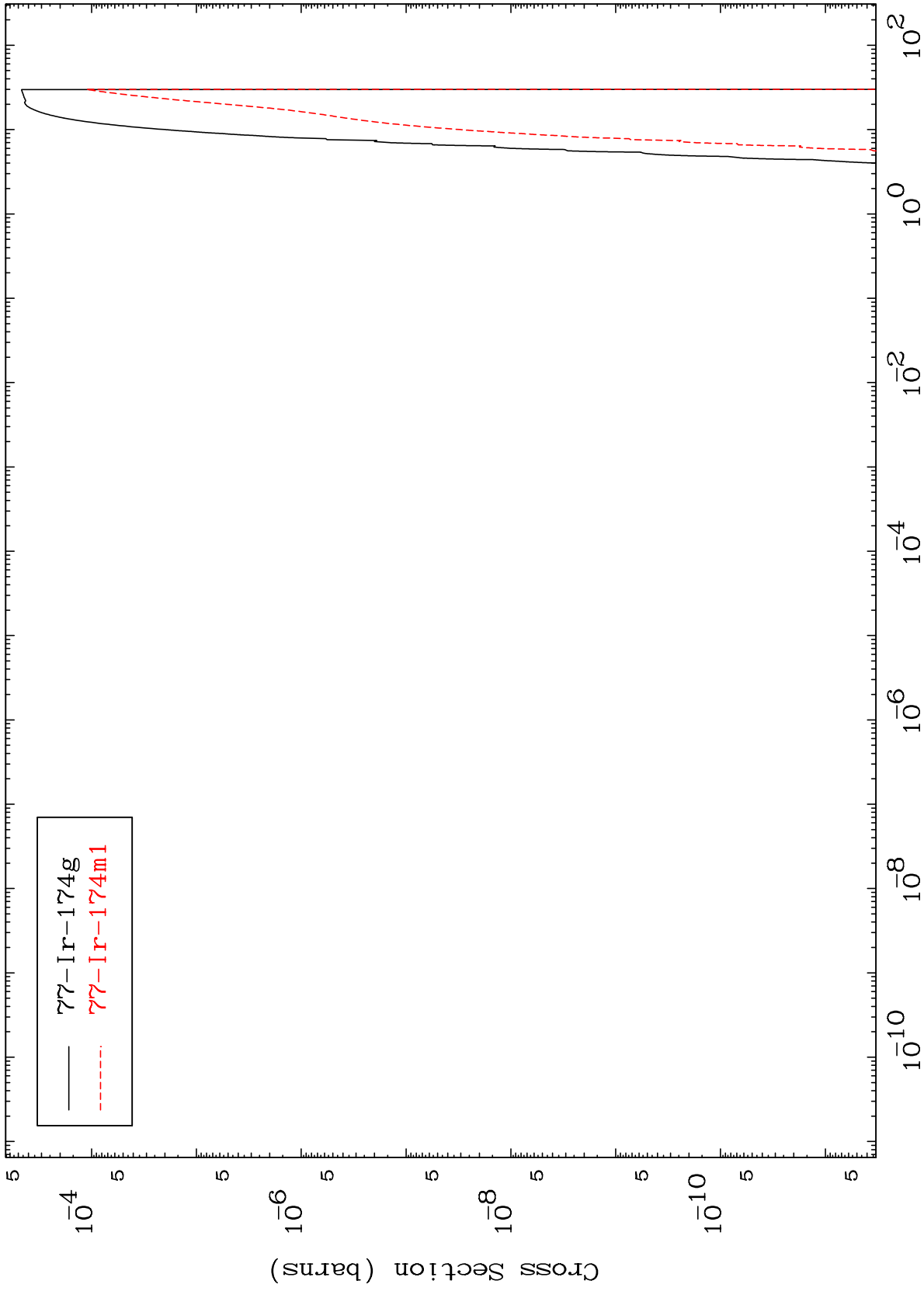
80-Hg-179

MAT 7974

(n,d)  $\alpha$

80-Hg-179

Radionuclide Production Cross Section



59

Incident Energy (MeV)

80-Hg-179