

Program EVALPLOT  
(Version 2015-2)

by

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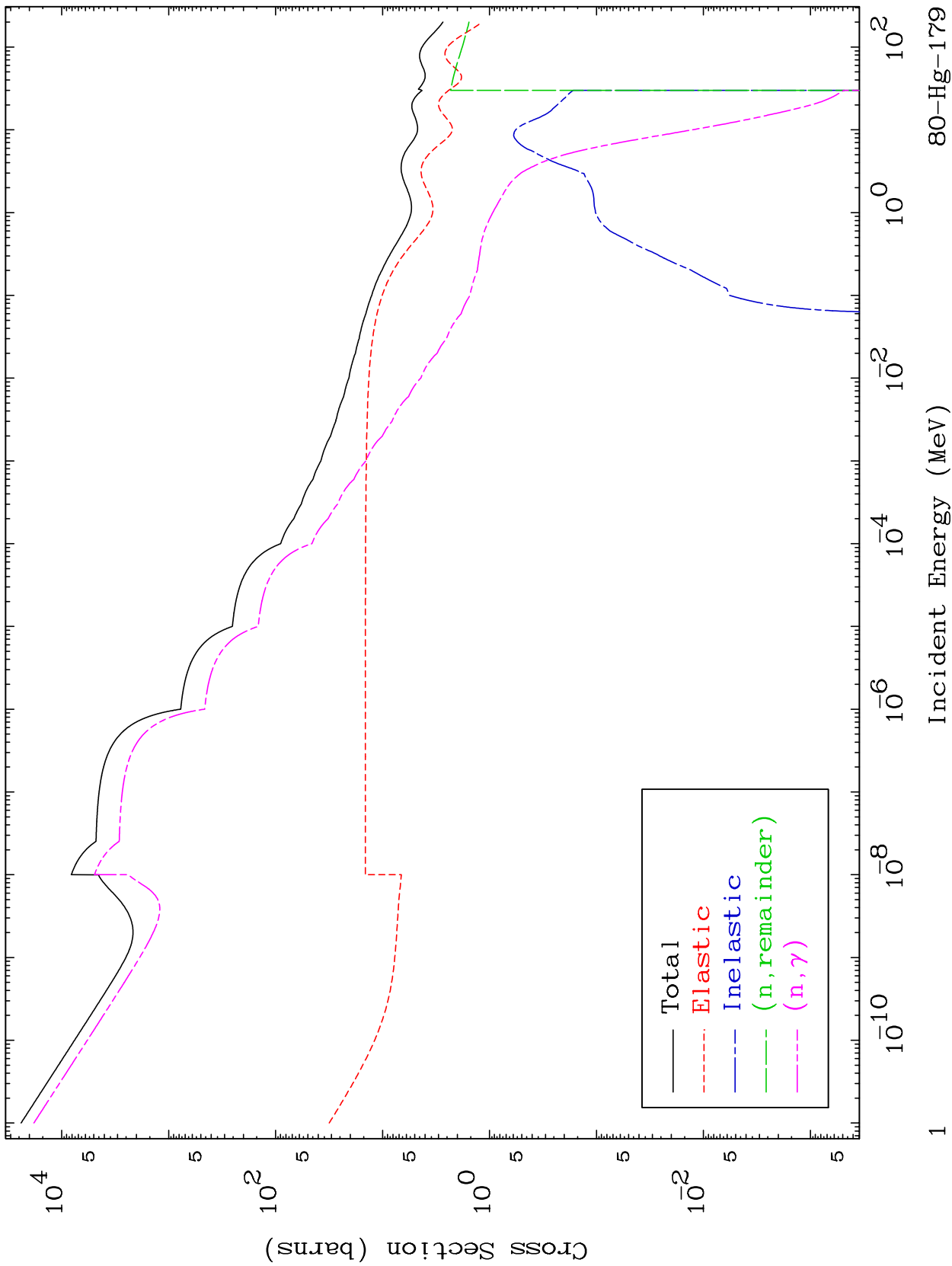
Press Mouse Button to Start

MAT 7974

Major

293 Kelvin Cross Sections

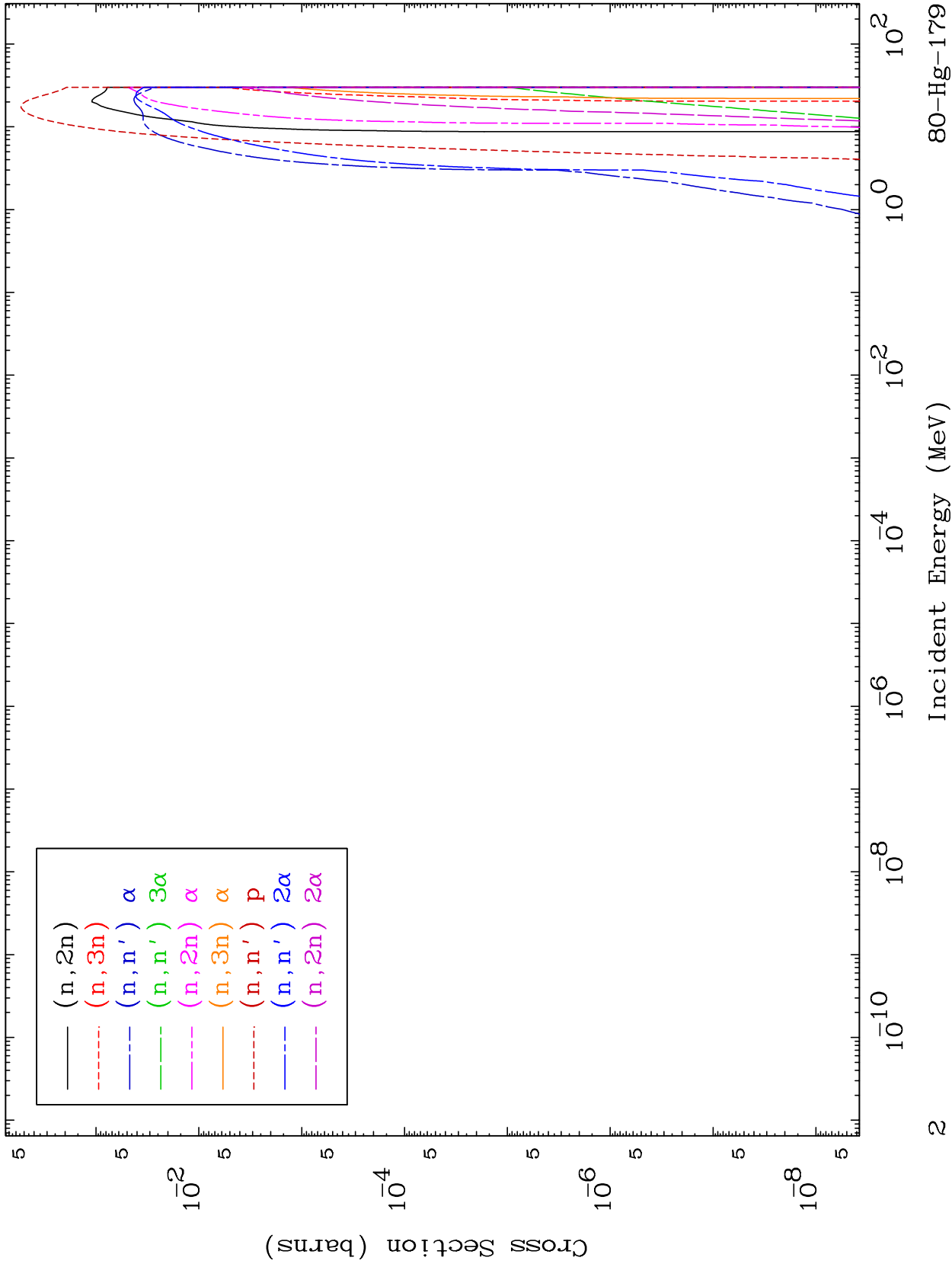
80-Hg-179



MAT 7974

Neutron Production  
293 Kelvin Cross Sections

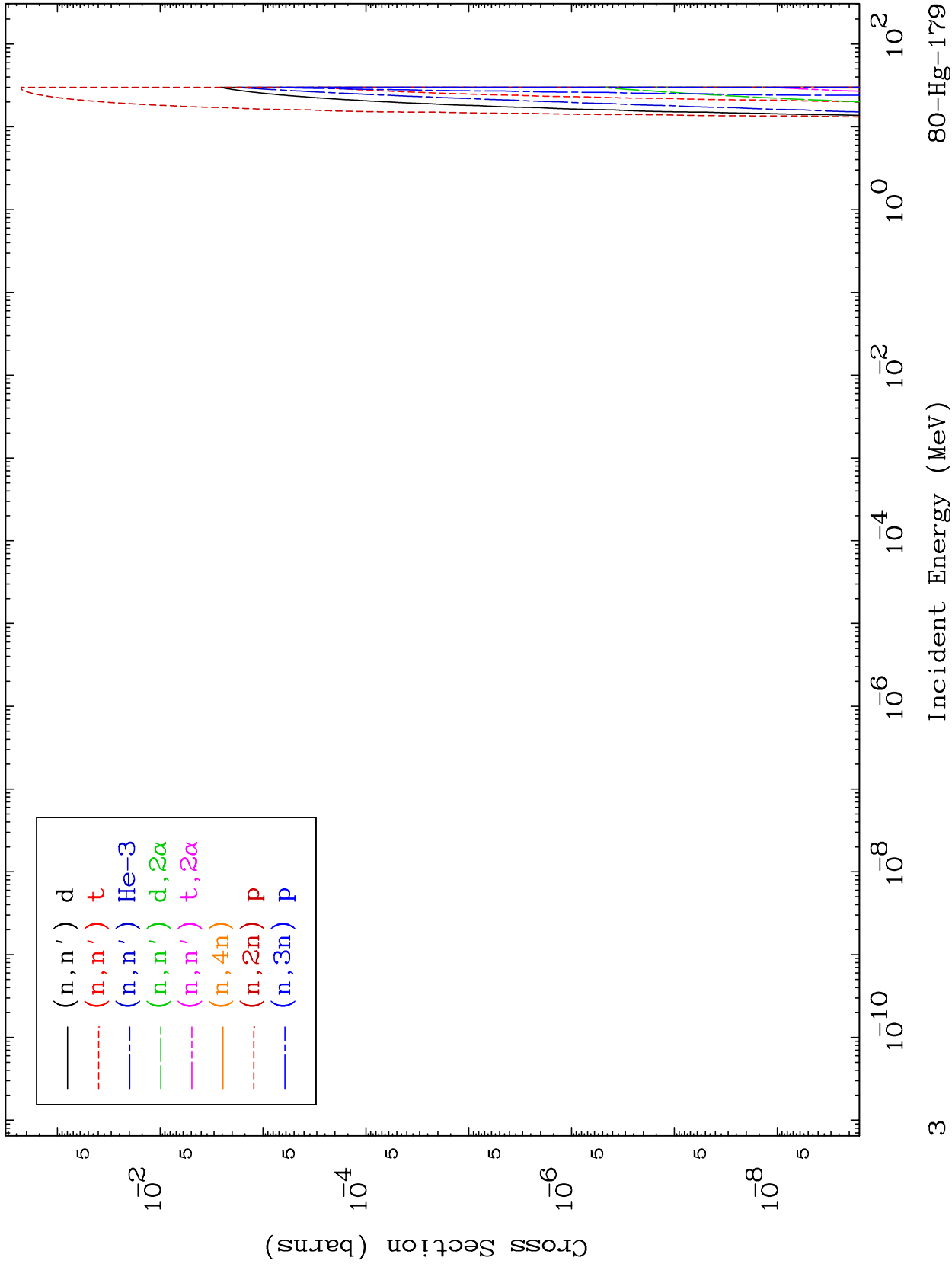
80-Hg-179



MAT 7974

Neutron Production  
293 Kelvin Cross Sections

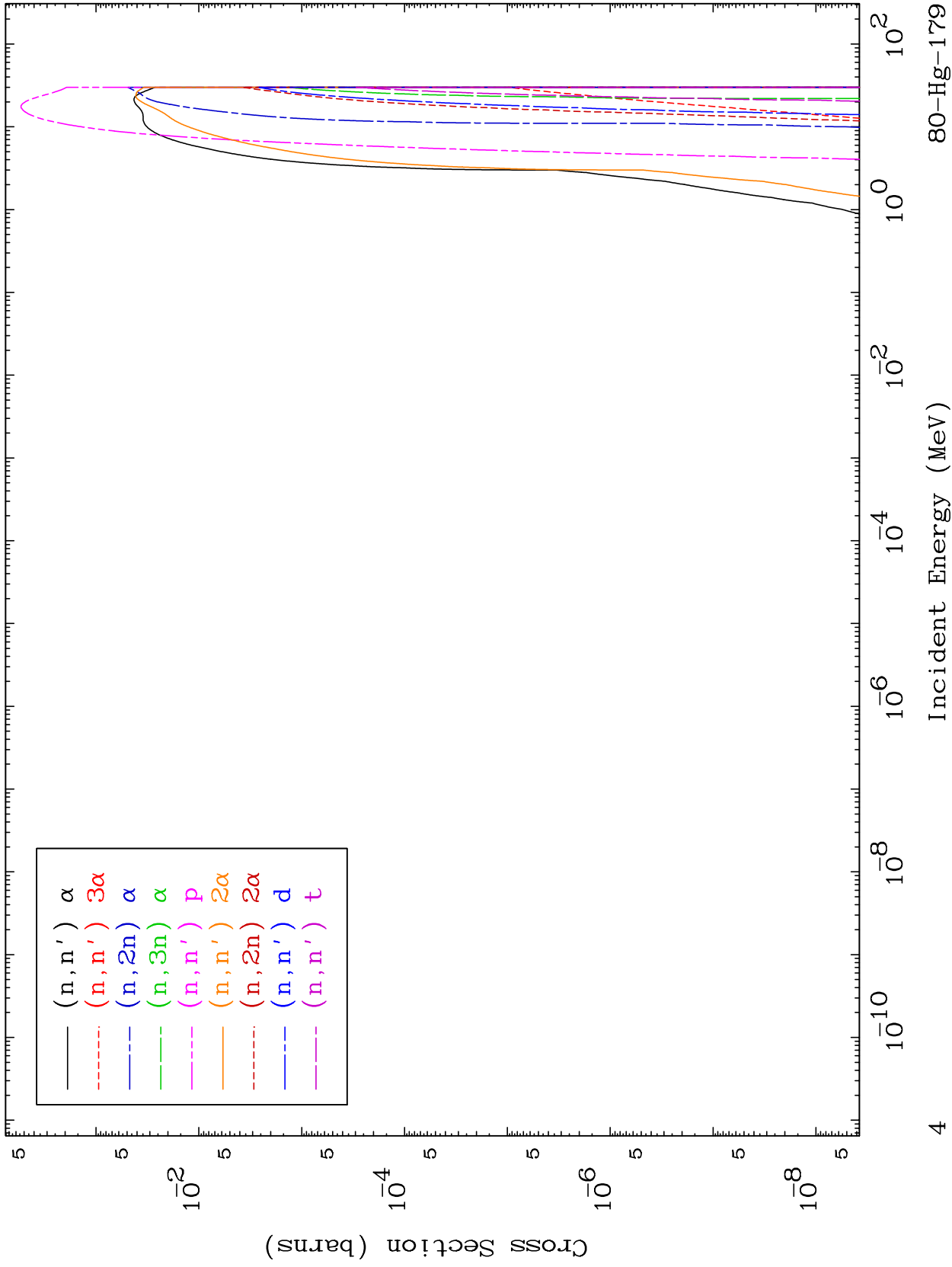
80-Hg-179



MAT 7974

Charged Particle  
293 Kelvin Cross Sections

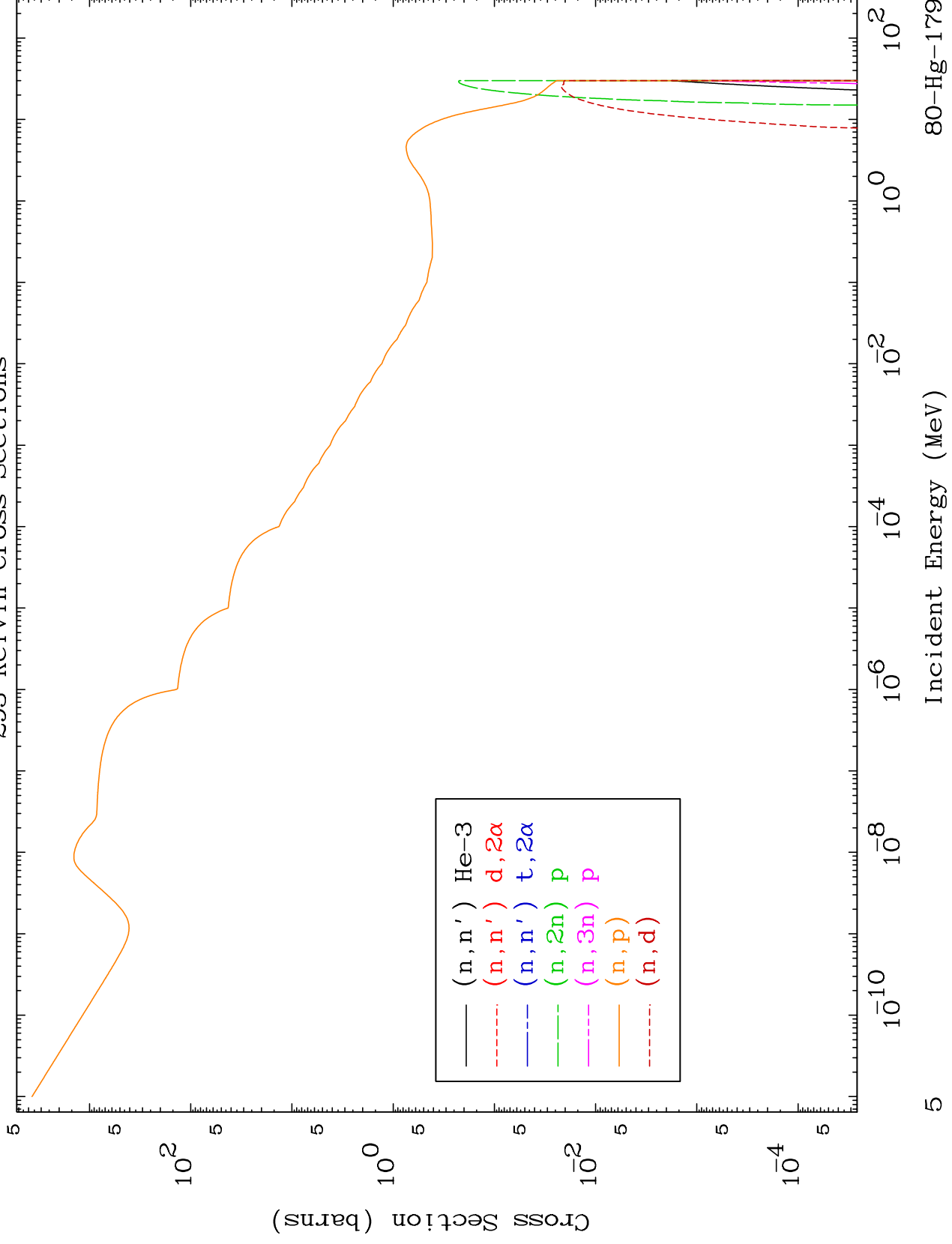
80-Hg-179



MAT 7974

Charged Particle  
293 Kelvin Cross Sections

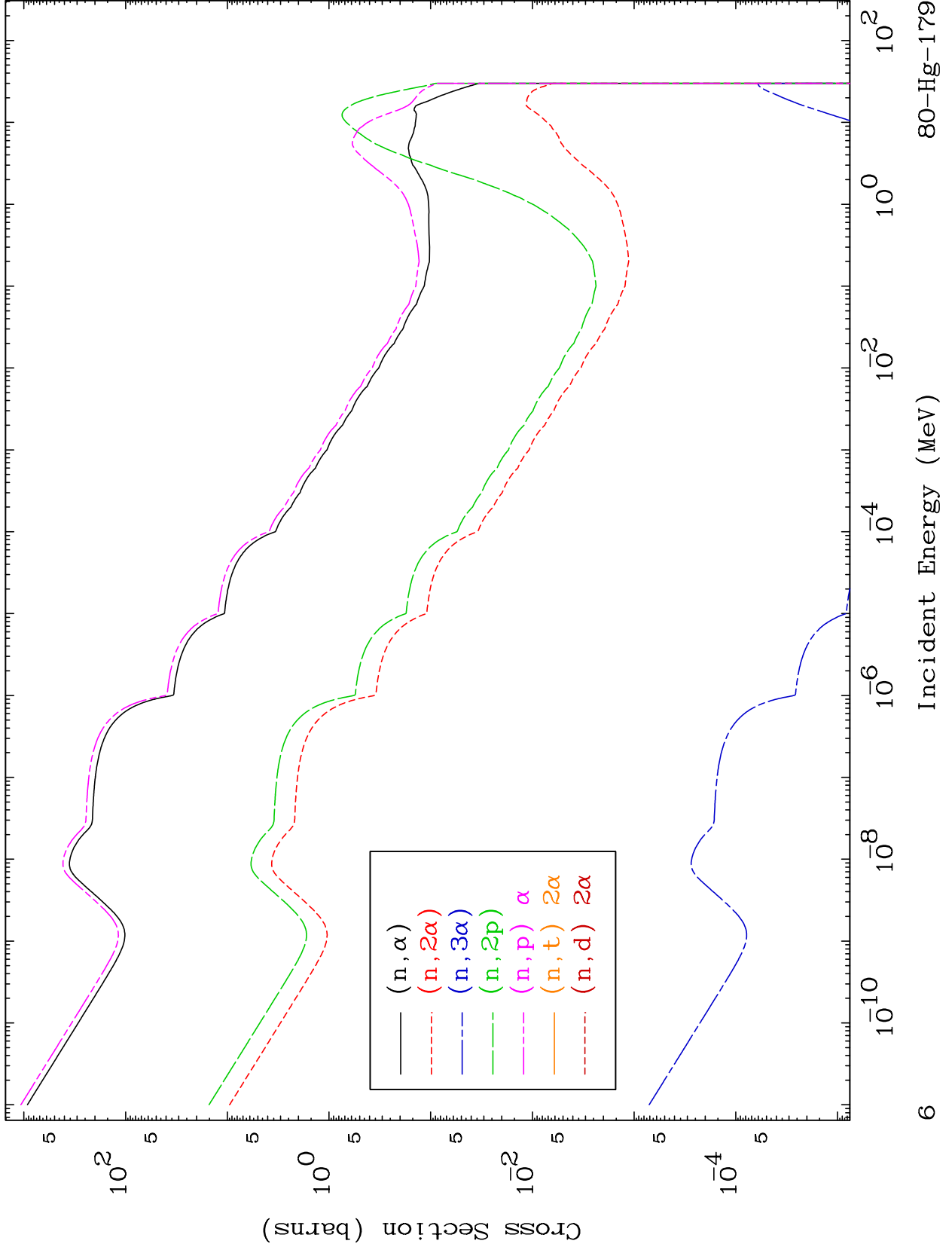
80-Hg-179



MAT 7974

Charged Particle  
293 Kelvin Cross Sections

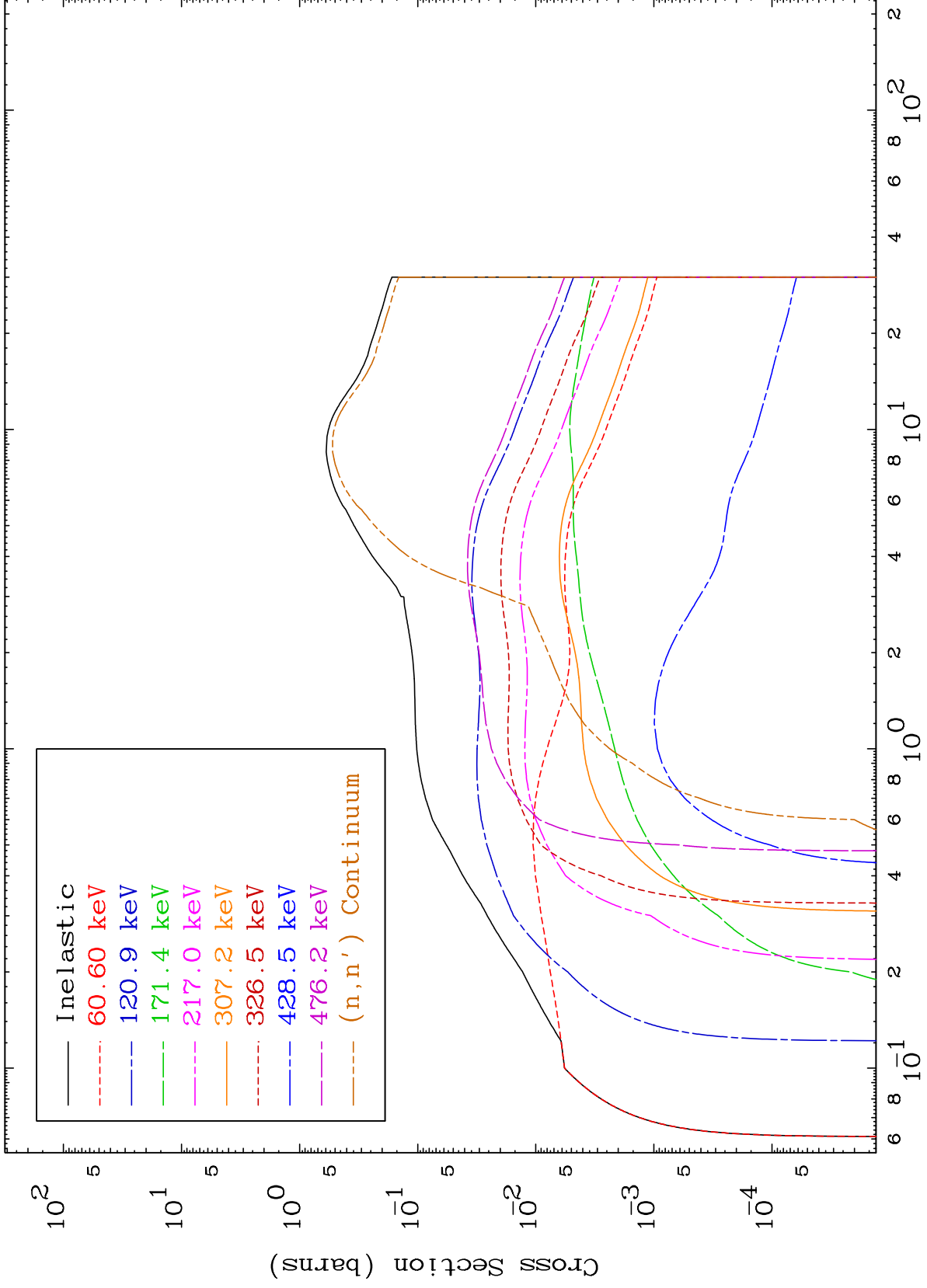
80-Hg-179



MAT 7974

(n,n') Level  
293 Kelvin Cross Sections

80-Hg-179



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Incident Energy (MeV)

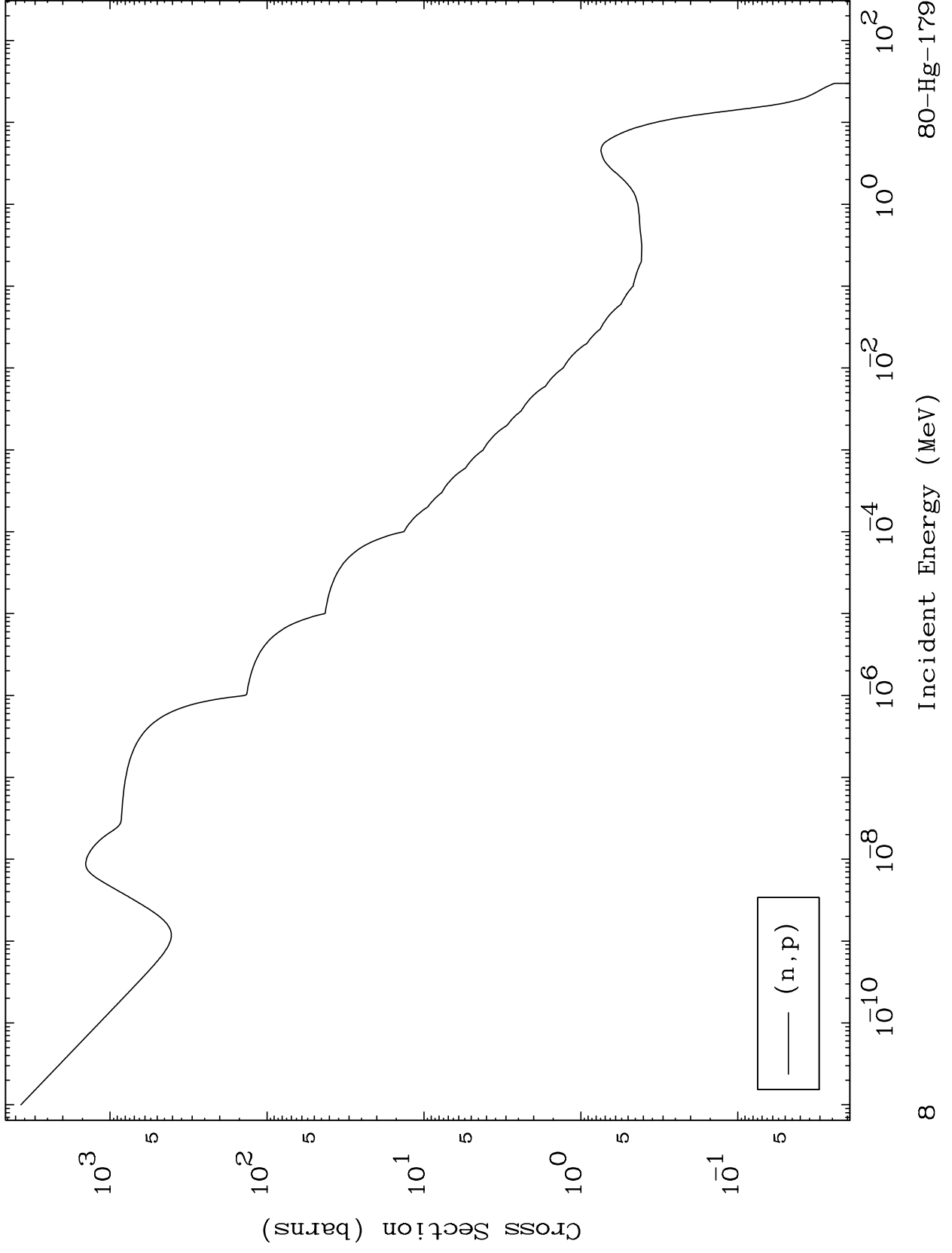
80-Hg-179



MAT 7974

(n,p) Levels  
293 Kelvin Cross Sections

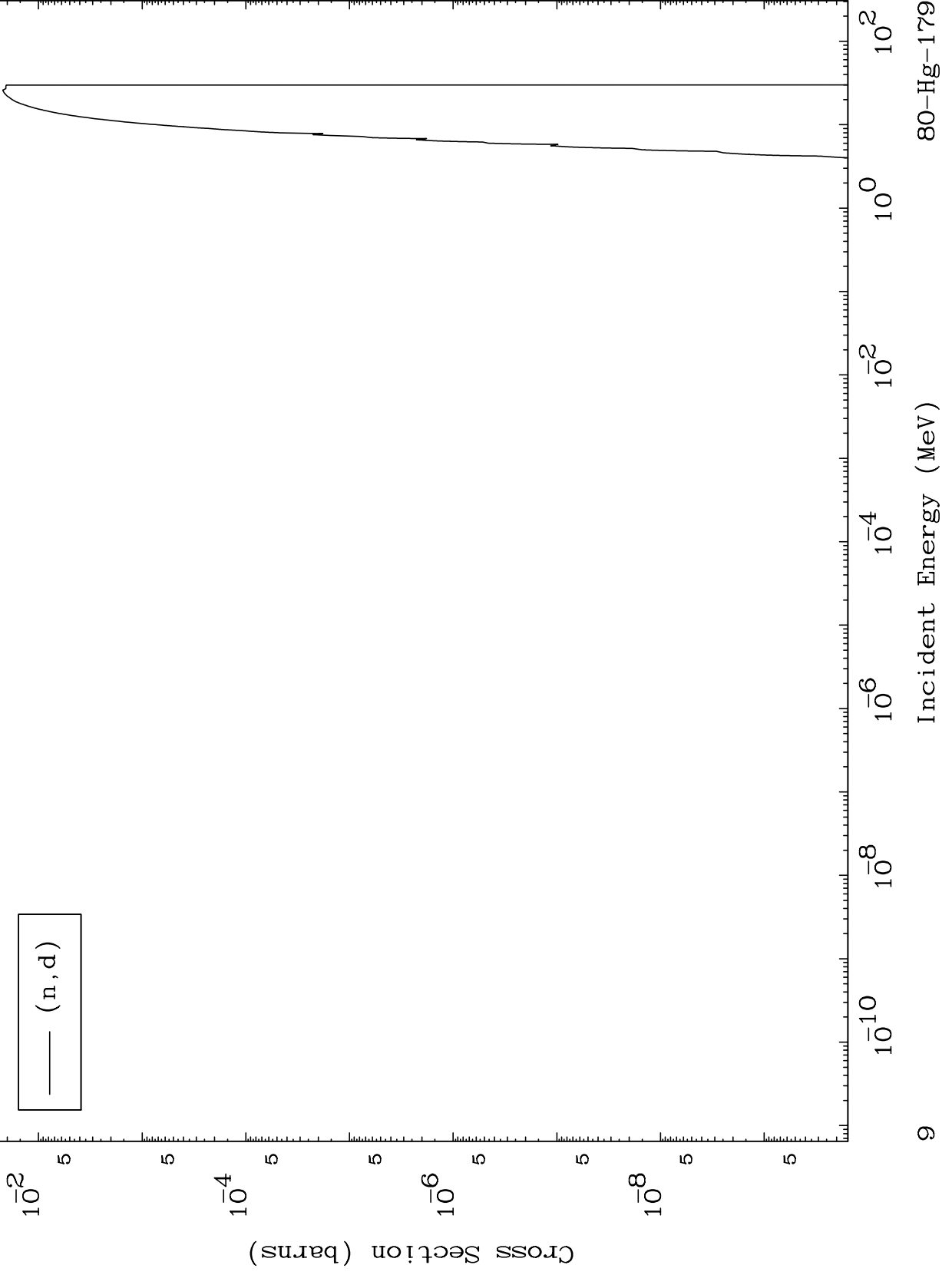
80-Hg-179



MAT 7974

(n,d) Levels  
293 Kelvin Cross Sections

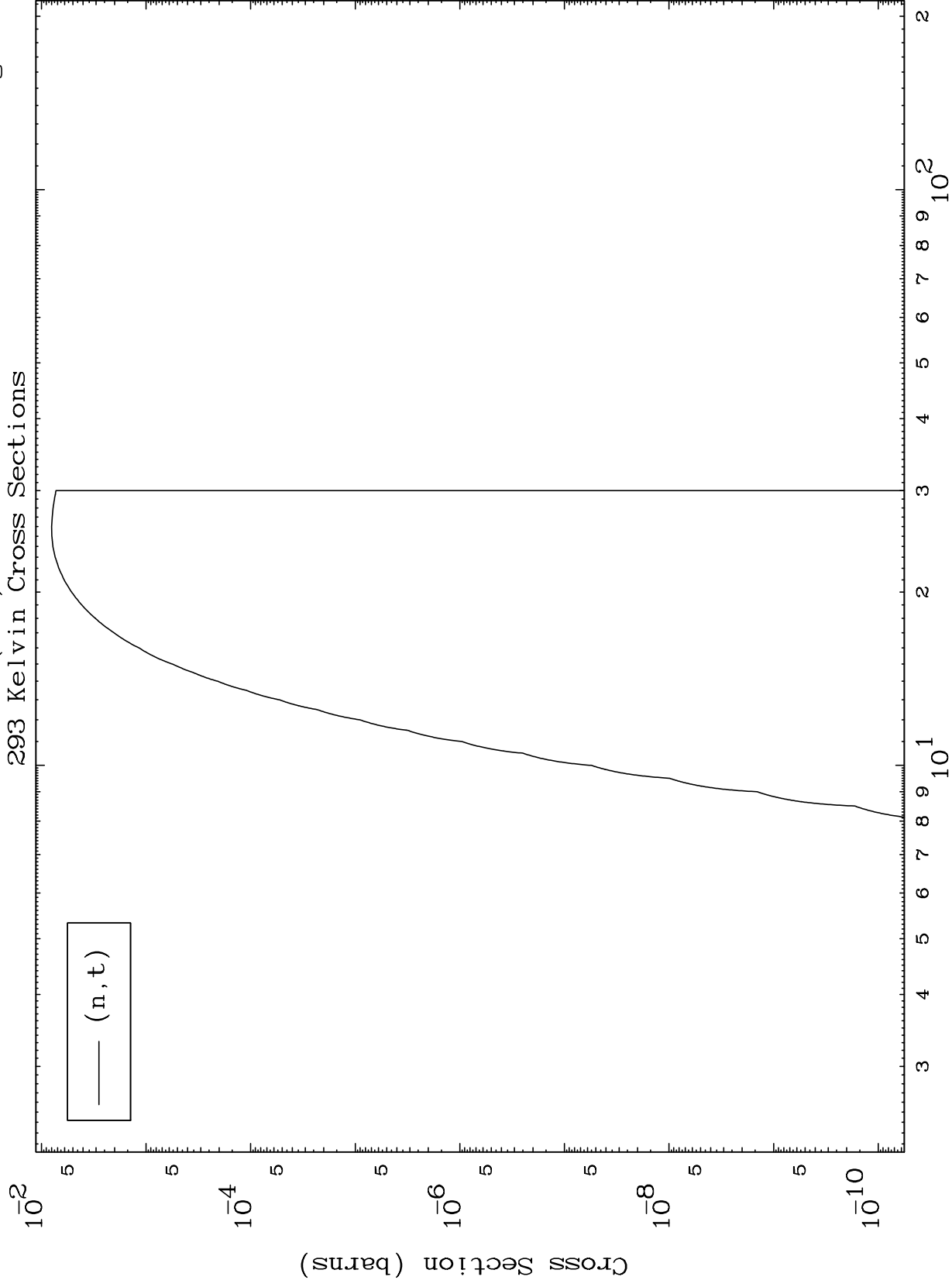
80-Hg-179



MAT 7974

(n,t) Levels  
293 Kelvin Cross Sections

80-Hg-179



10

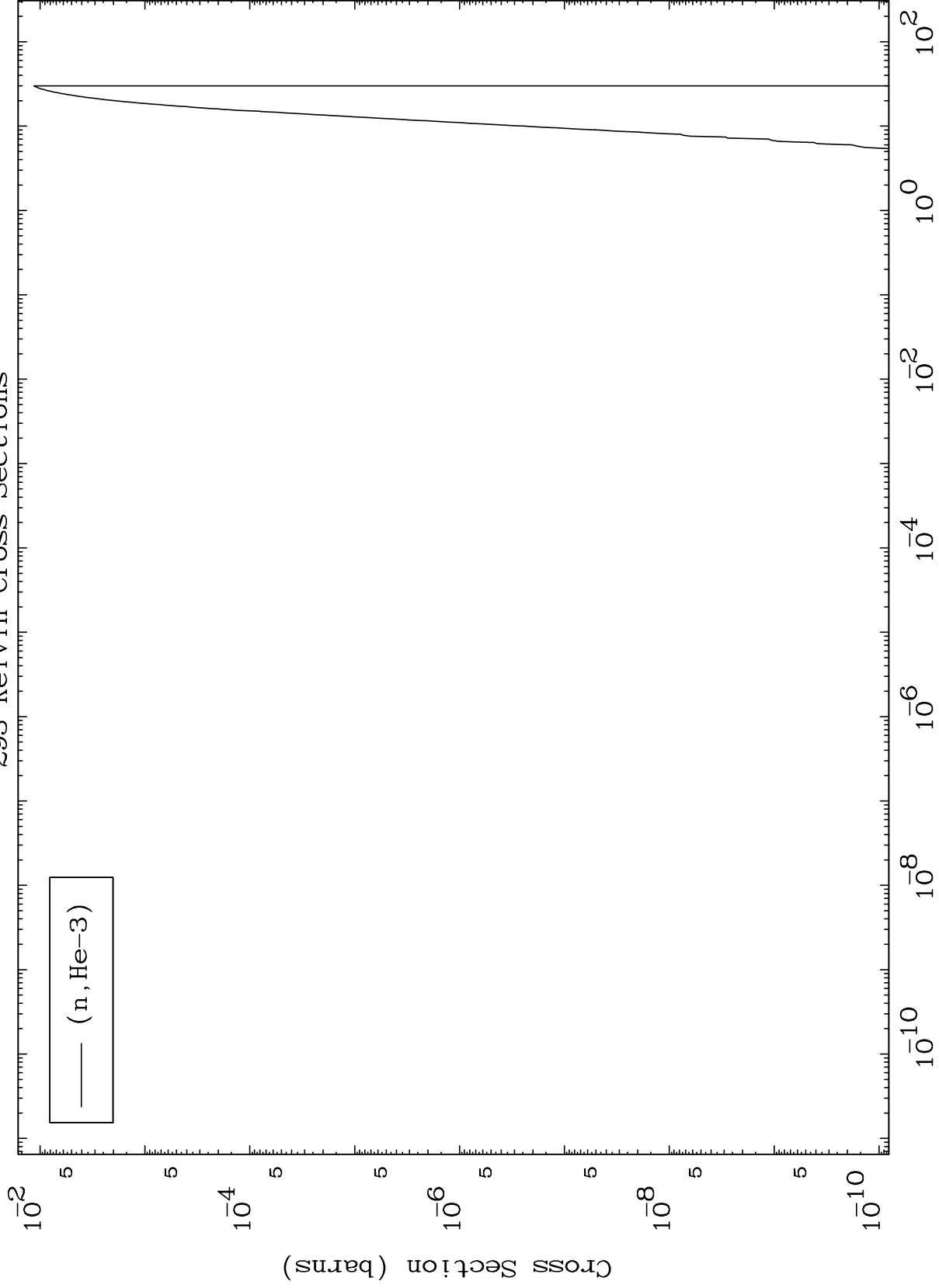
Incident Energy (MeV)

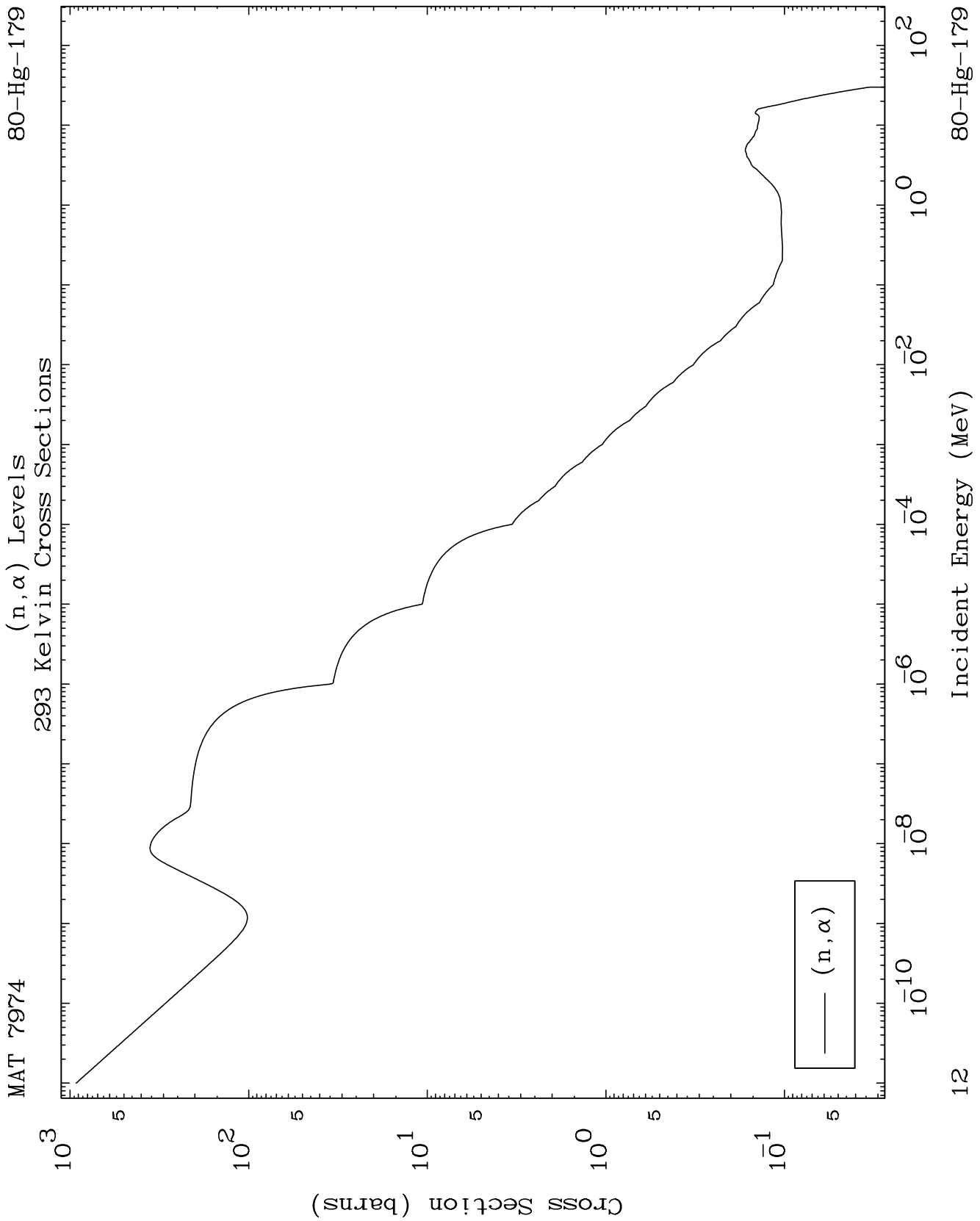
80-Hg-179

MAT 7974

(n,He3) Levels  
293 Kelvin Cross Sections

80-Hg-179

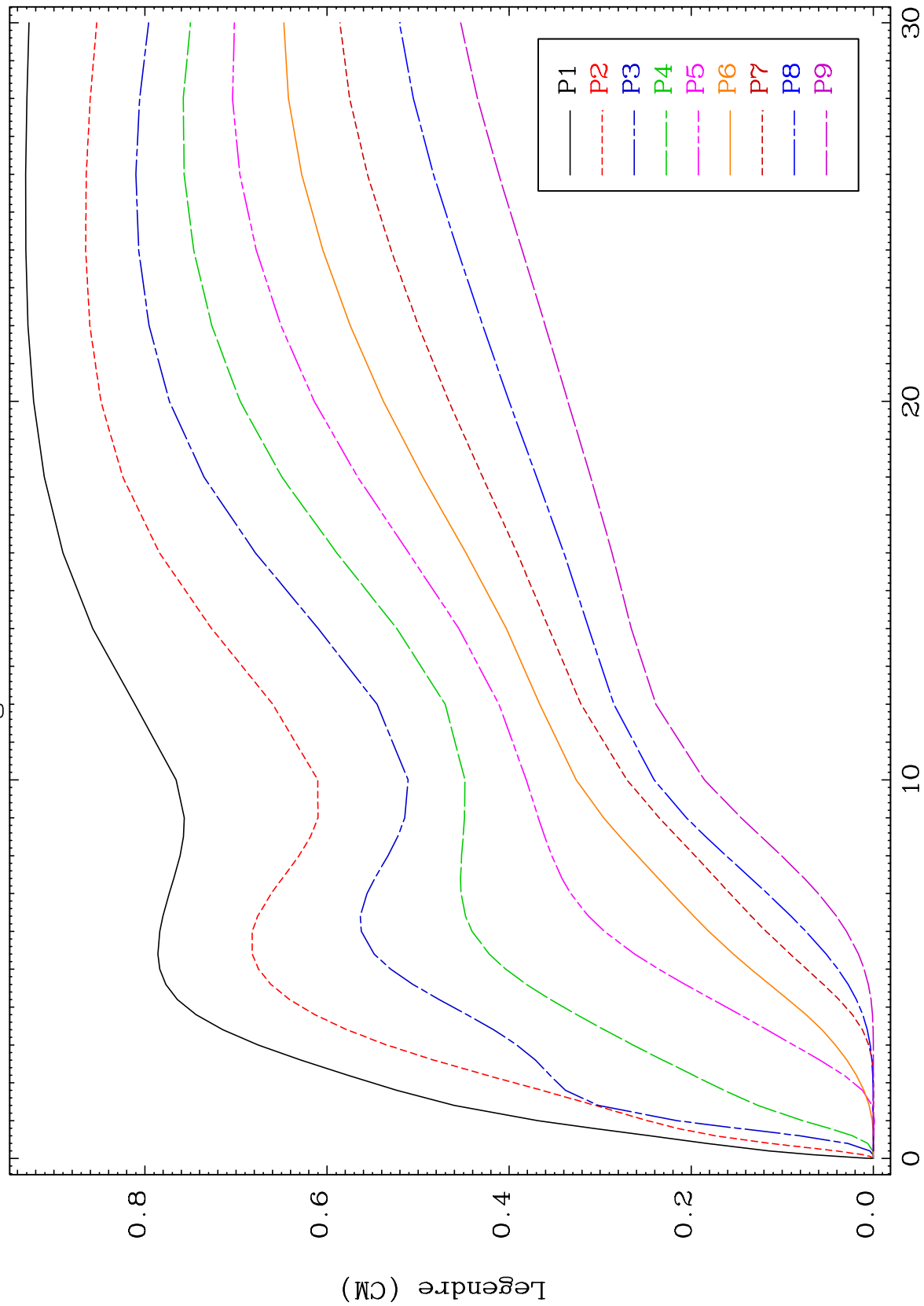




MAT 7974

Elastic Legendre Coefficients

80-Hg-179



13

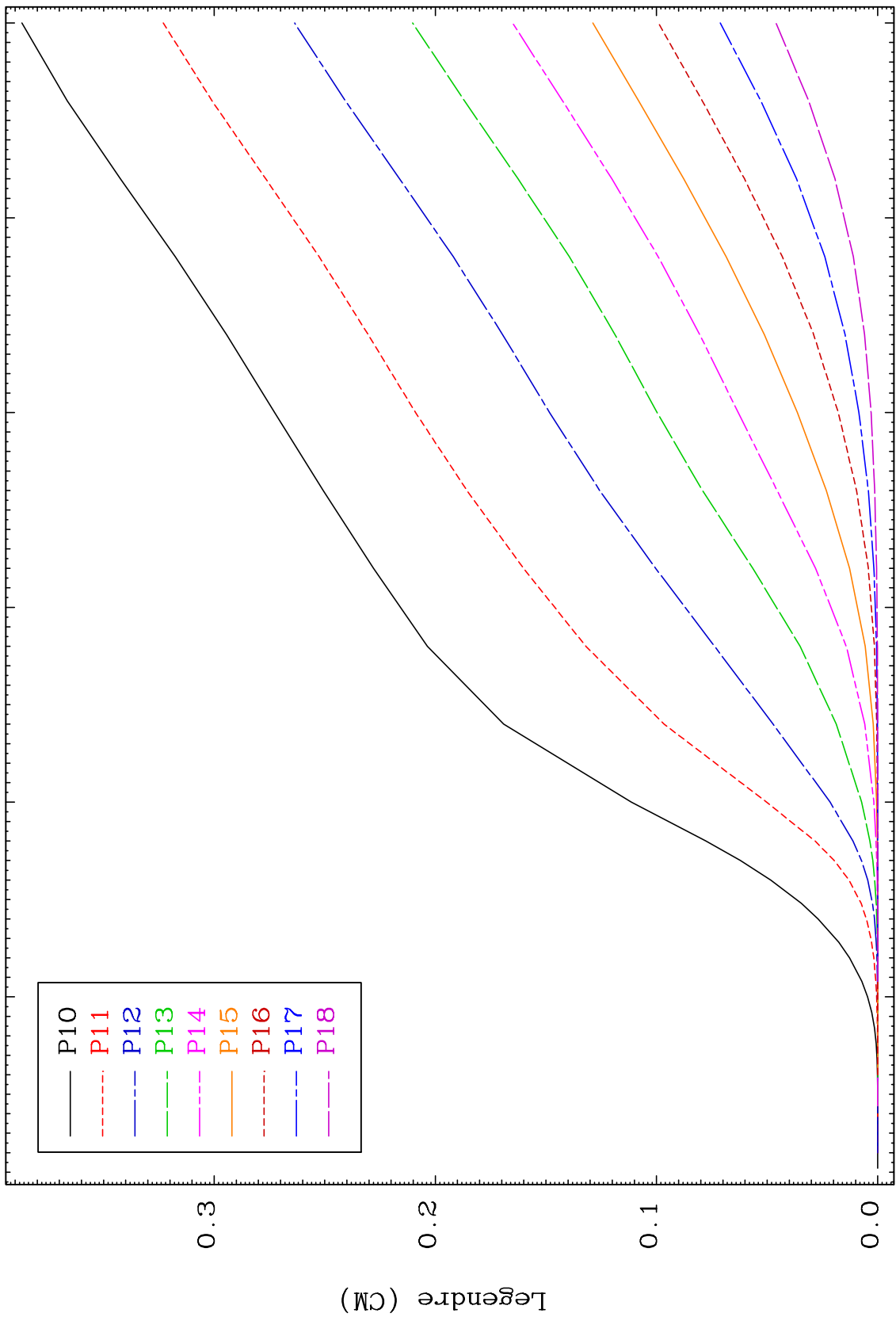
Incident Energy (MeV)

80-Hg-179

MAT 7974

Elastic Legendre Coefficients

80-Hg-179



14

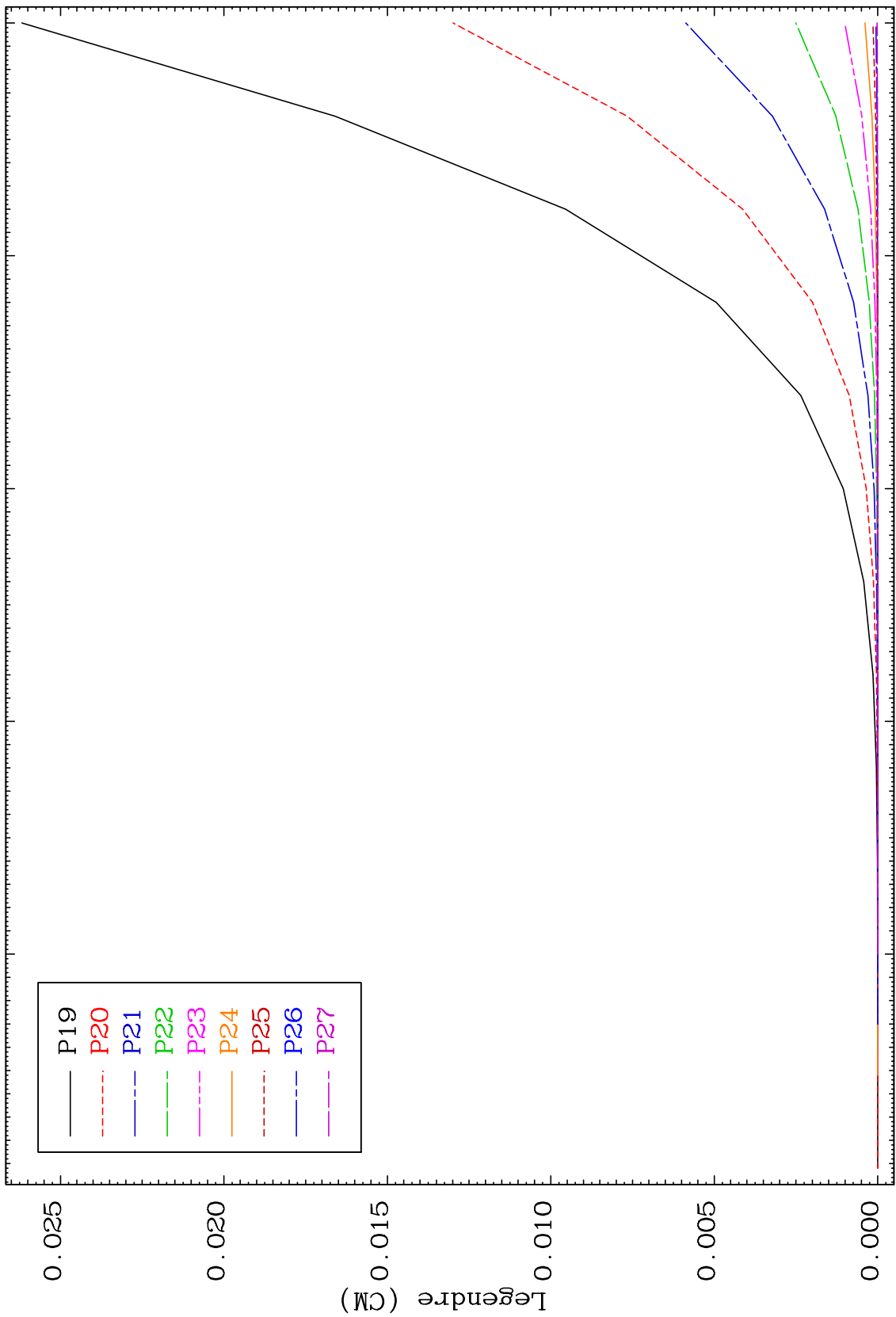
Incident Energy (MeV)

80-Hg-179

MAT 7974

### Elastic Legendre Coefficients

80-Hg-179



15

Incident Energy (MeV)

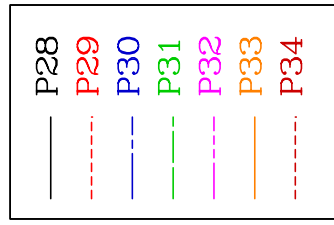
80-Hg-179



MAT 7974

Elastic Legendre Coefficients

80-Hg-179



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

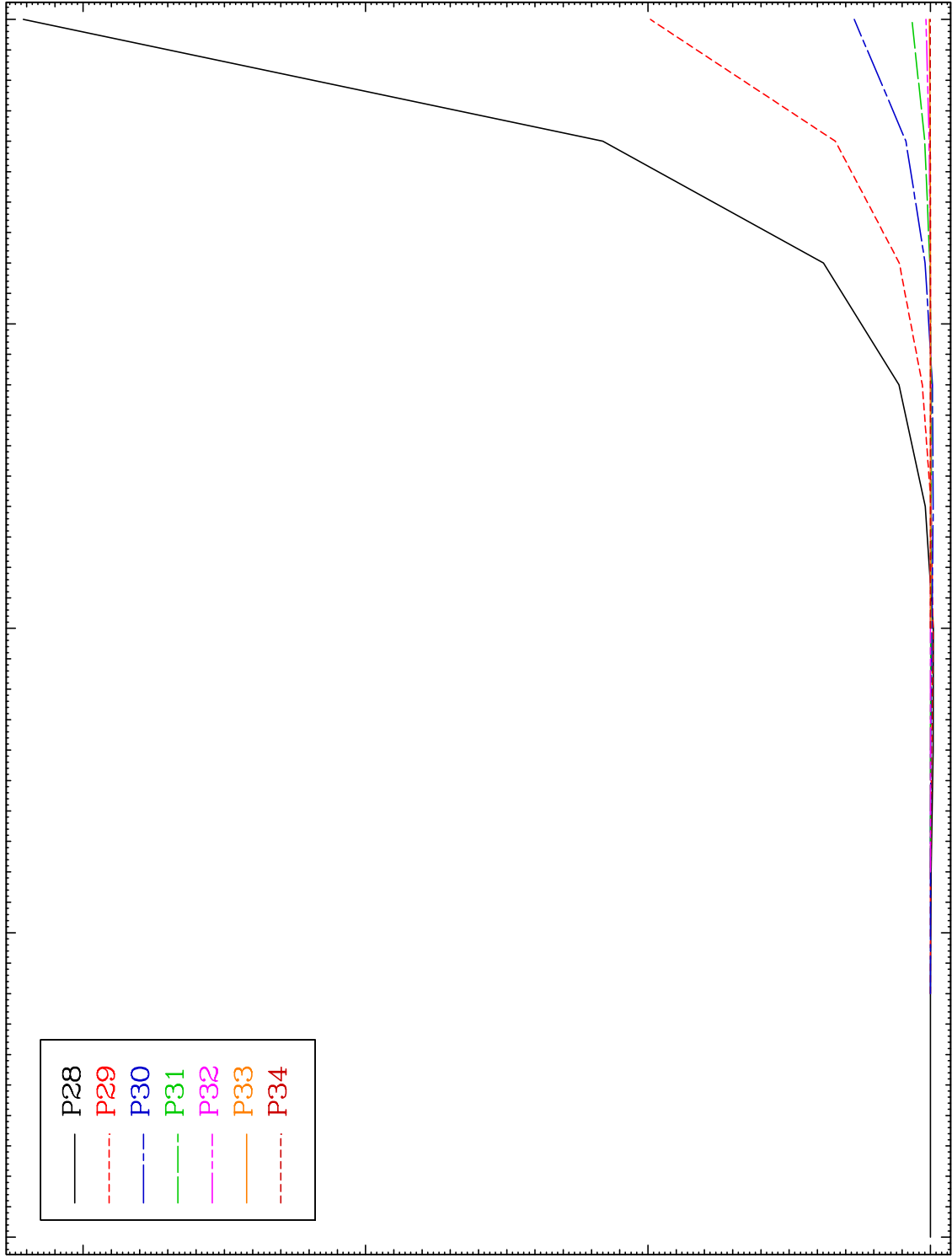
25

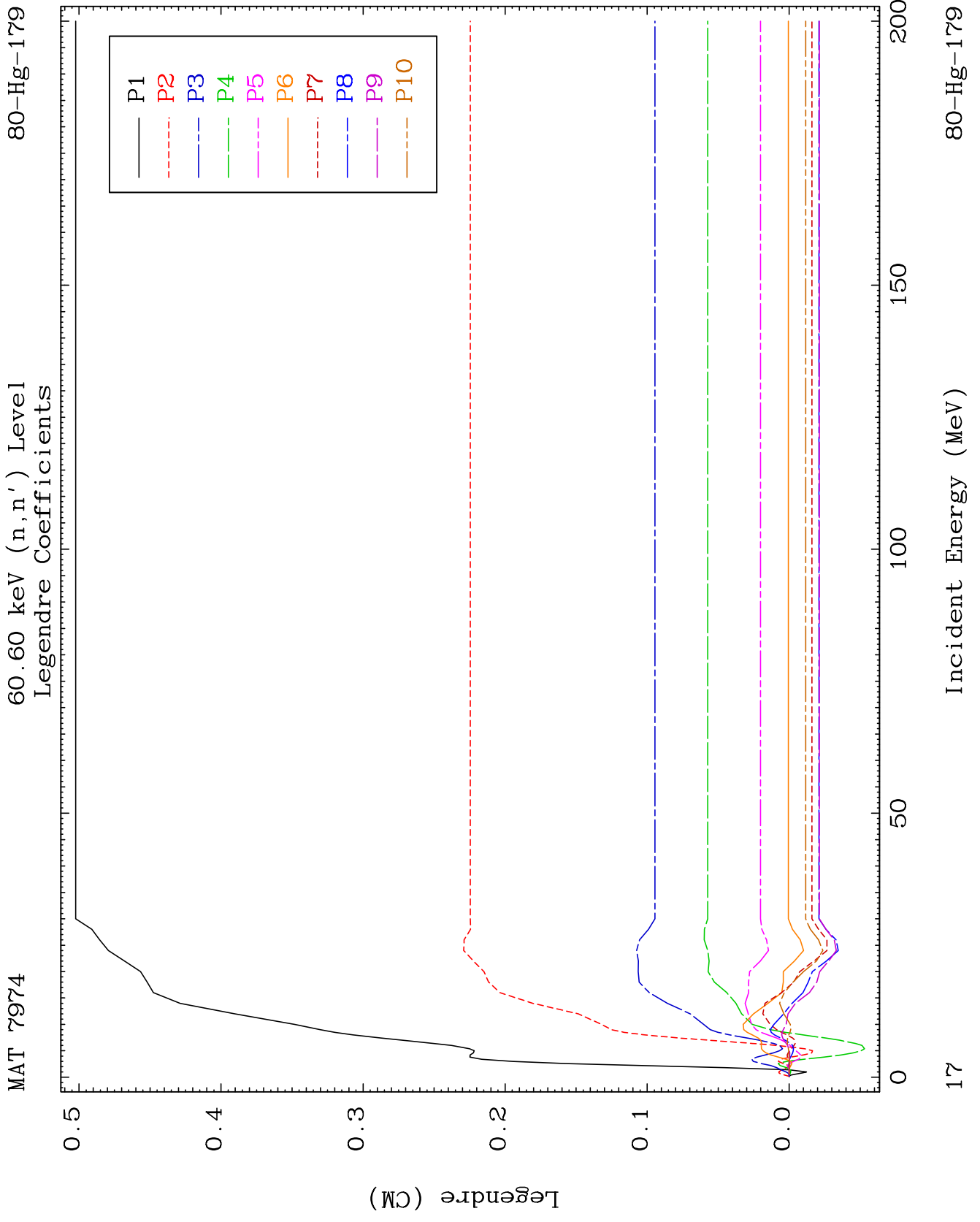
30

16

Incident Energy (MeV)

80-Hg-179

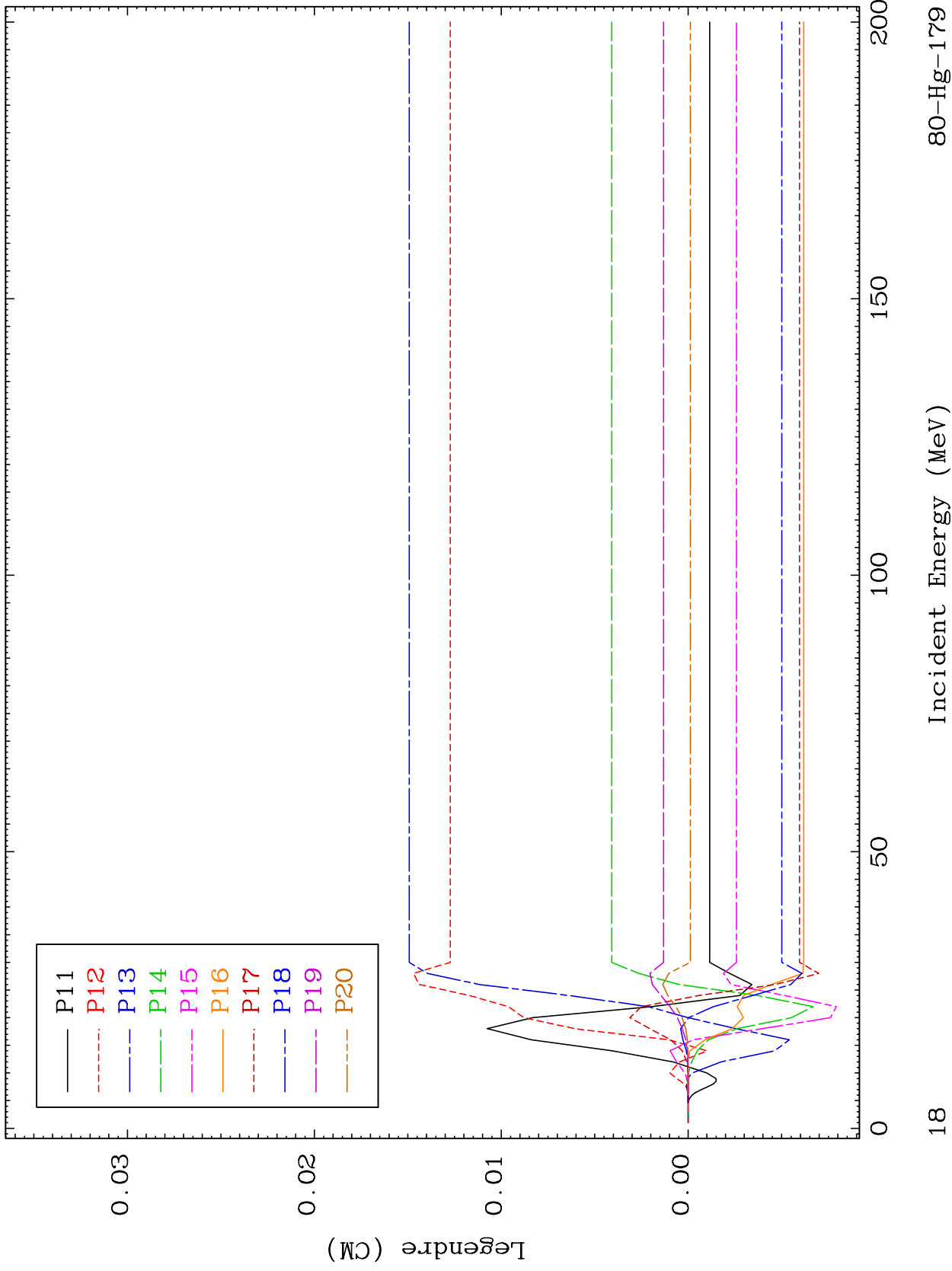




MAT 7974

60.60 keV (n,n') Level  
Legendre Coefficients

80-Hg-179



18

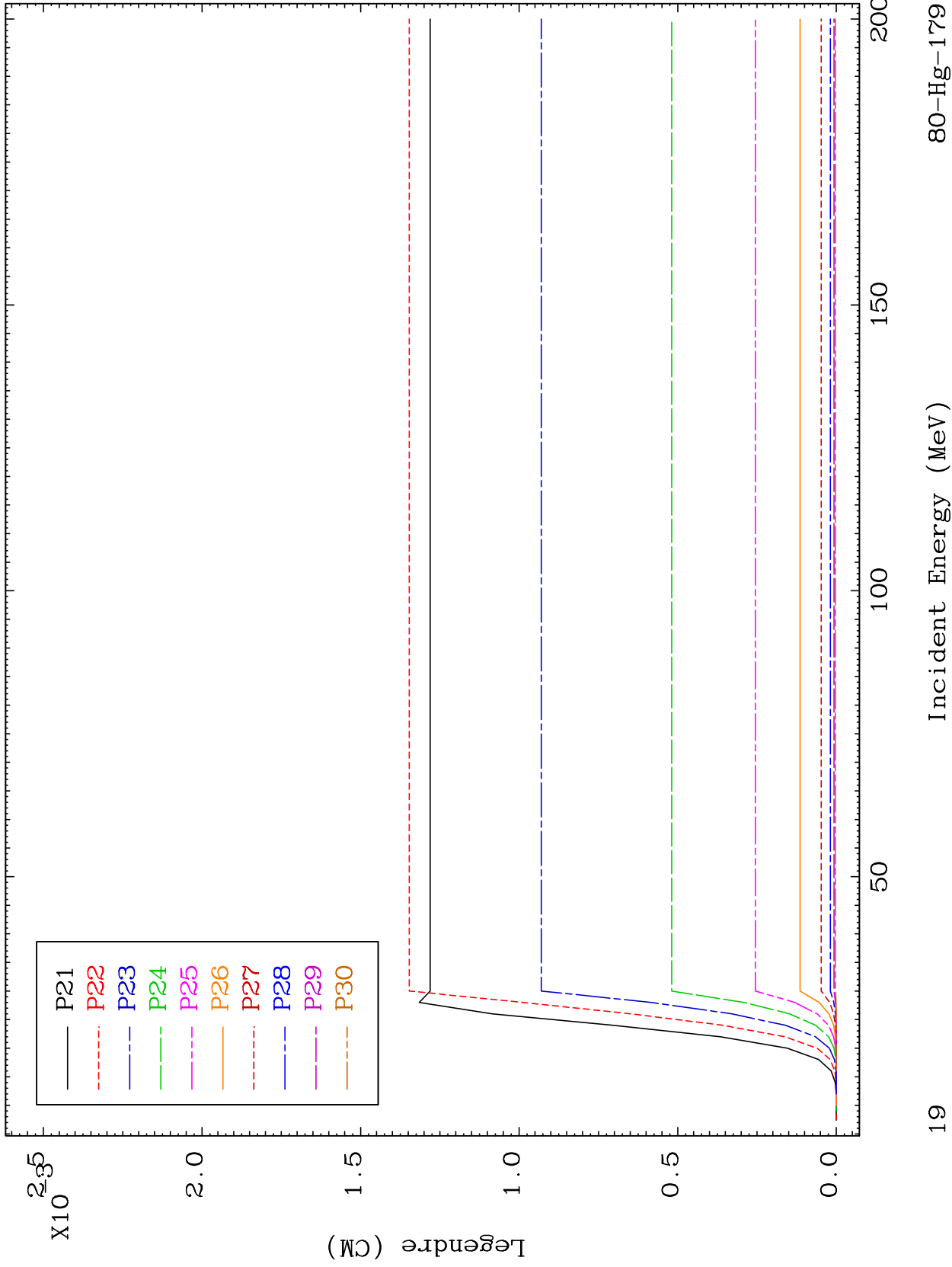
Incident Energy (MeV)

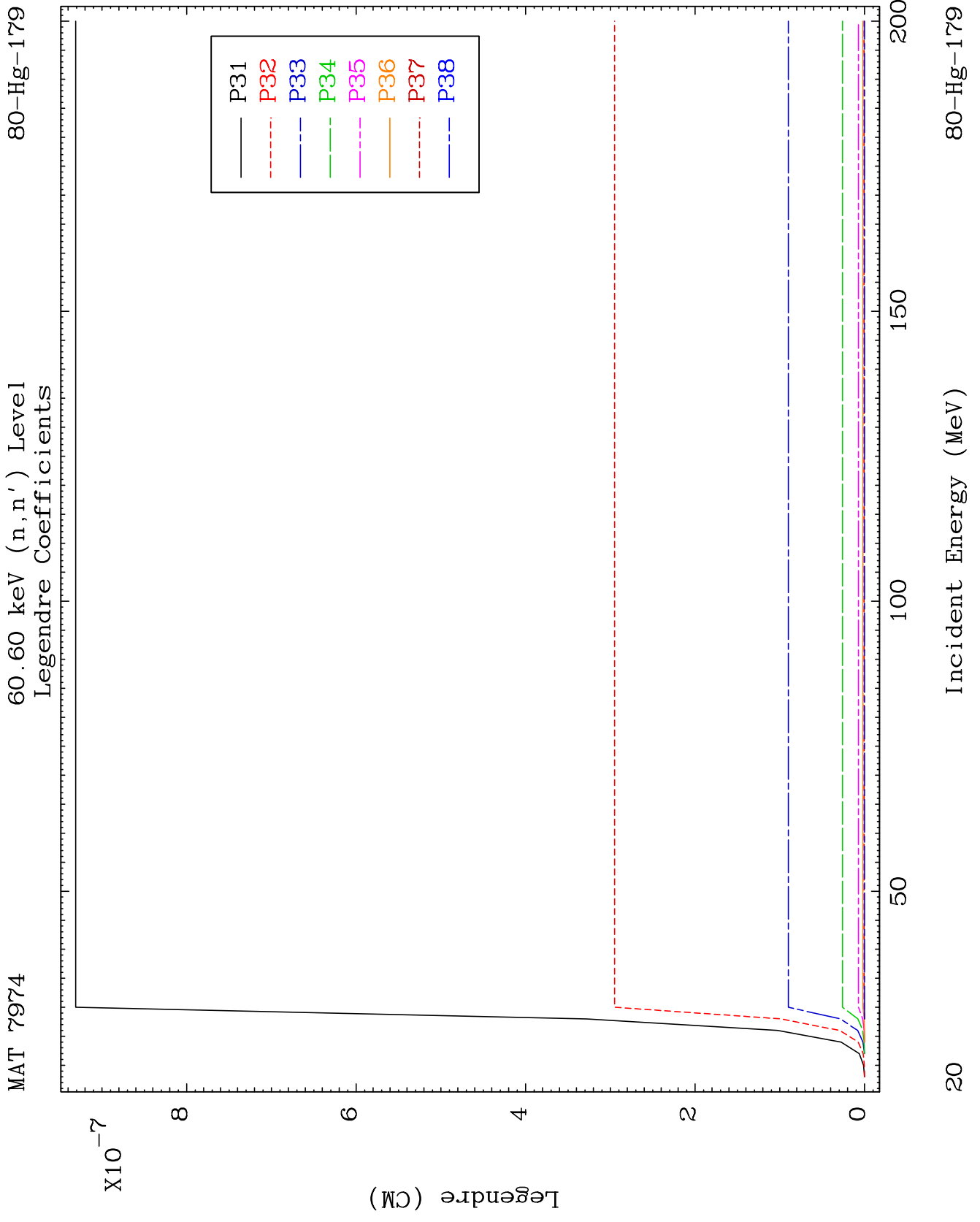
80-Hg-179

MAT 7974

60.60 keV (n,n') Level  
Legendre Coefficients

80-Hg-179

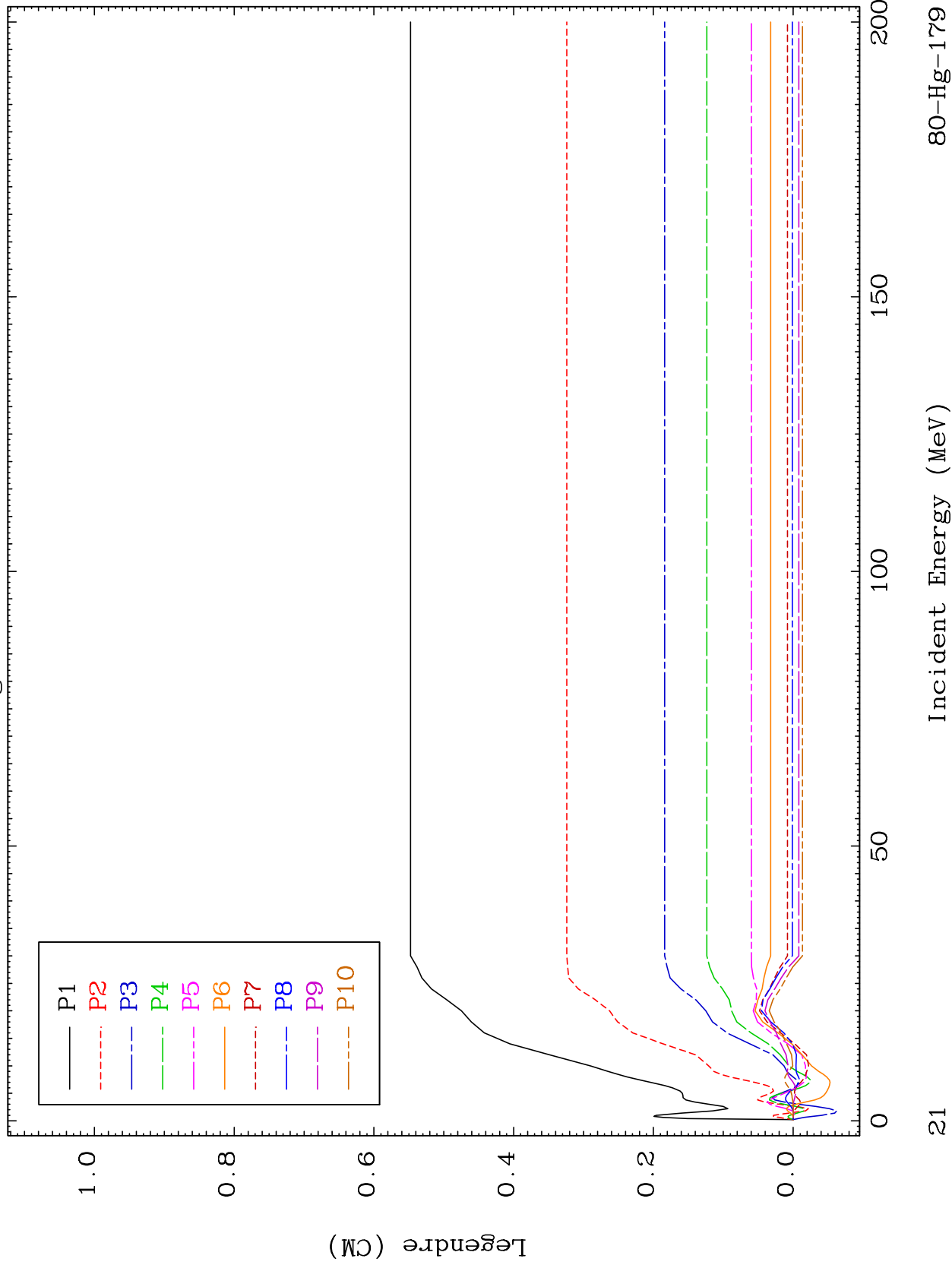


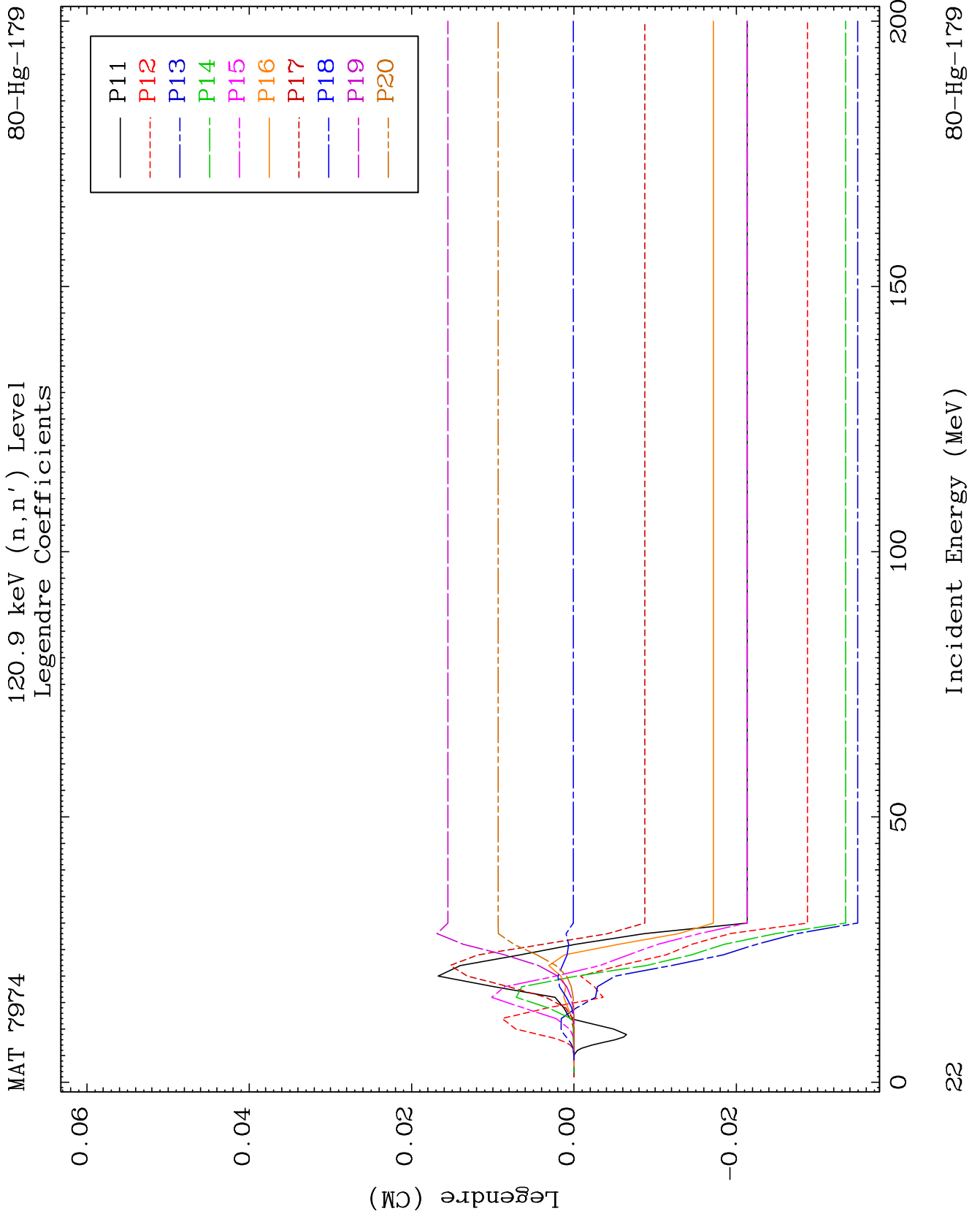


MAT 7974

120.9 keV (n,n') Level  
Legendre Coefficients

80-Hg-179

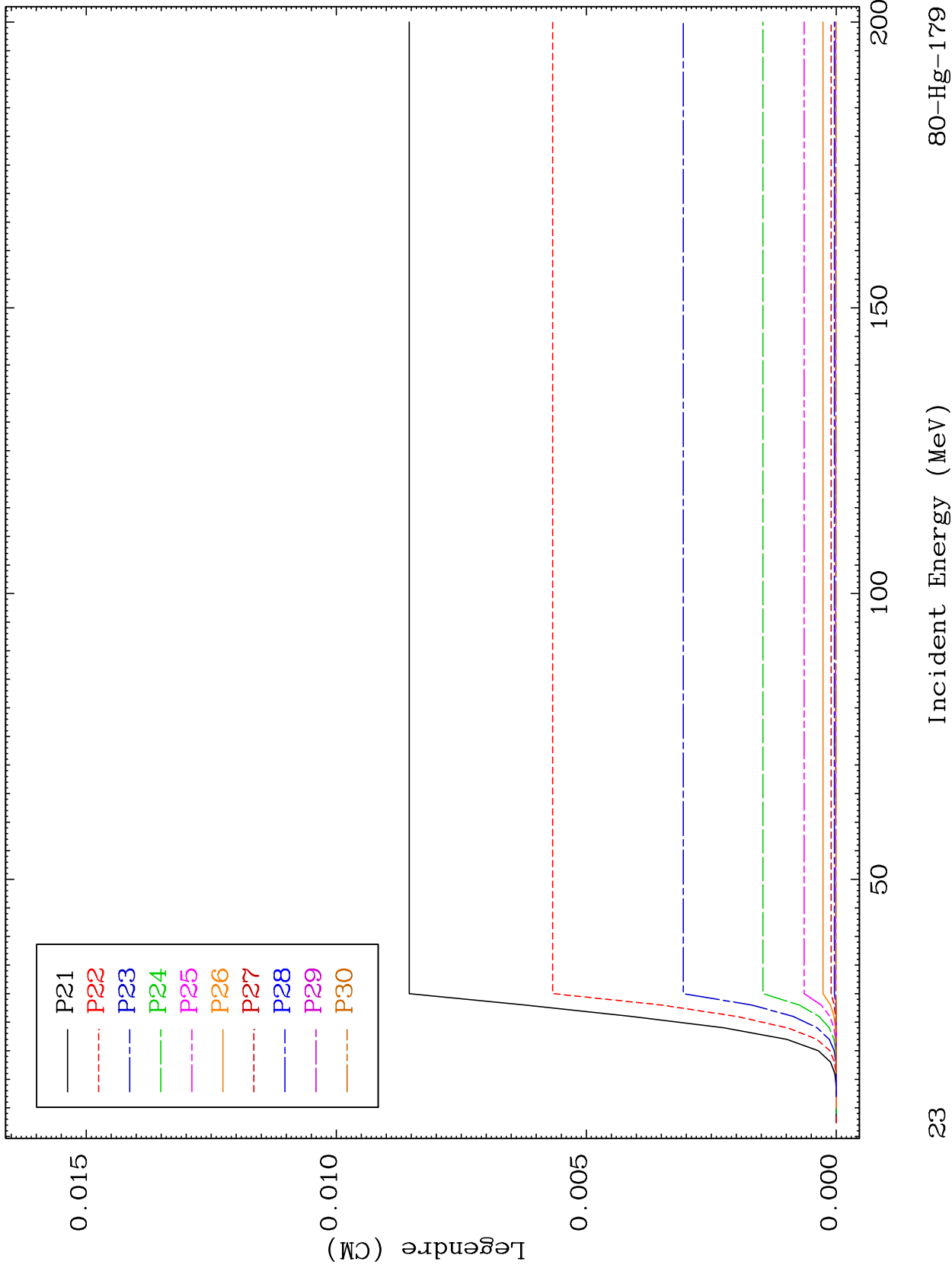




MAT 7974

120.9 keV (n,n') Level  
Legendre Coefficients

80-Hg-179

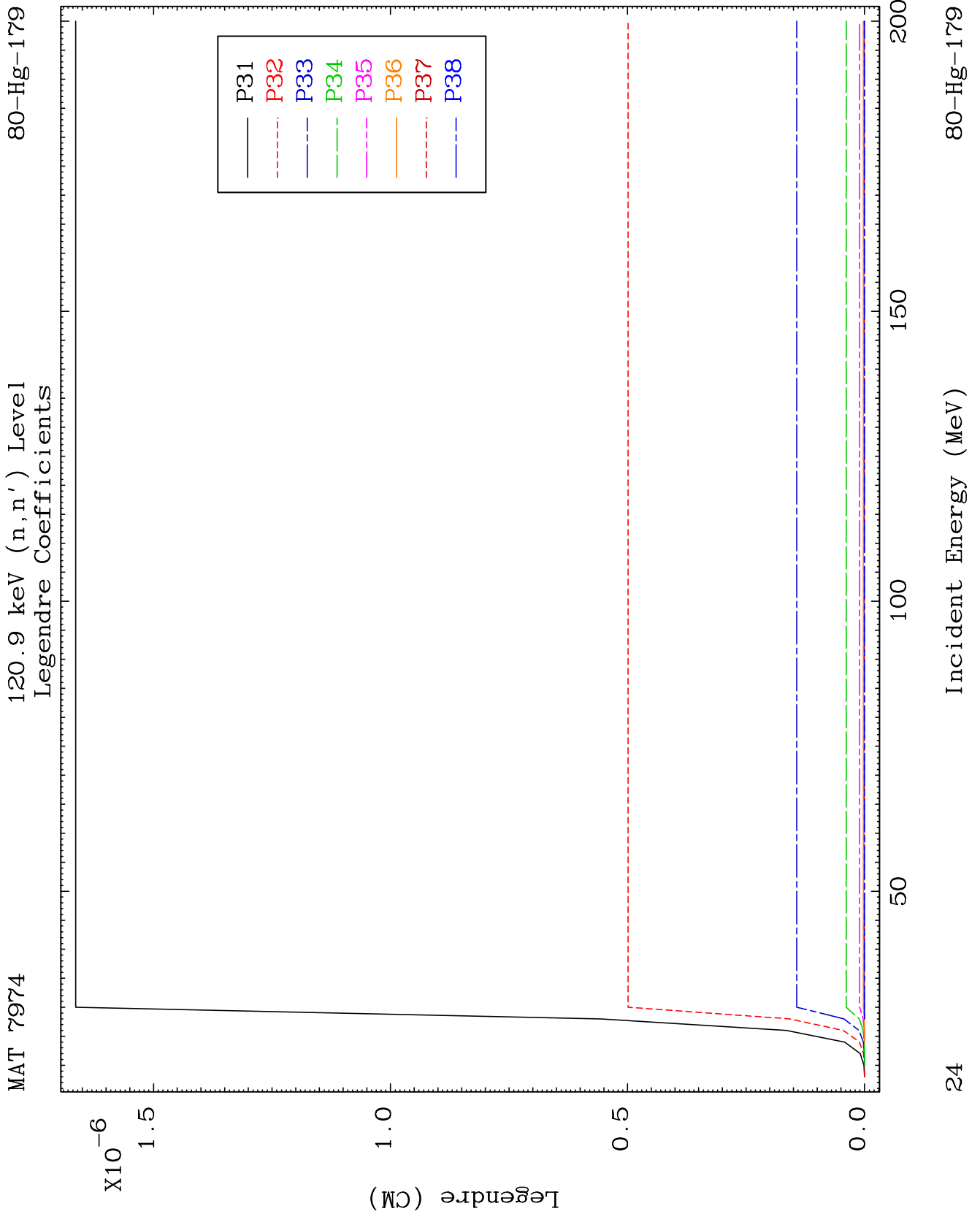


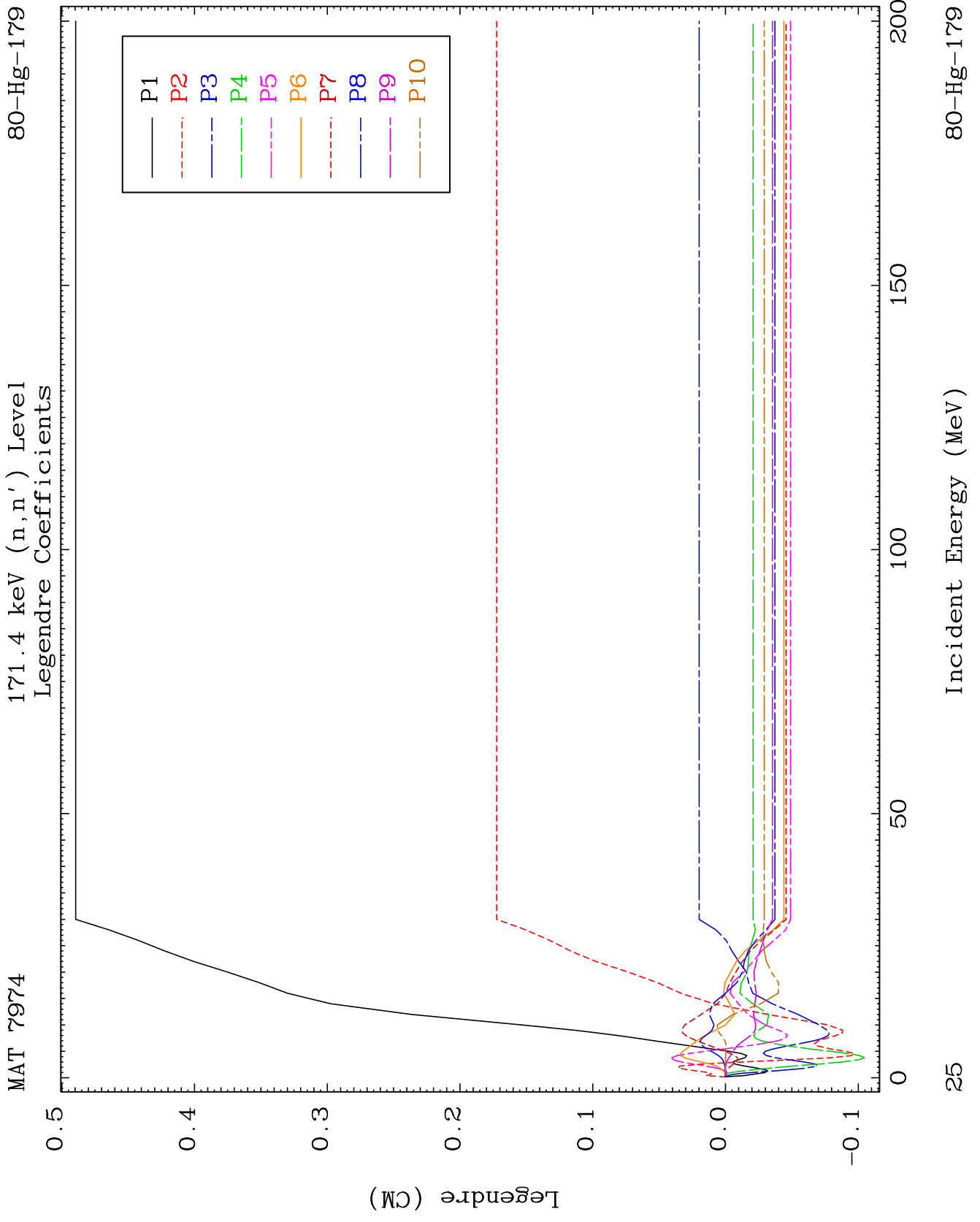
23

Incident Energy (MeV)

80-Hg-179



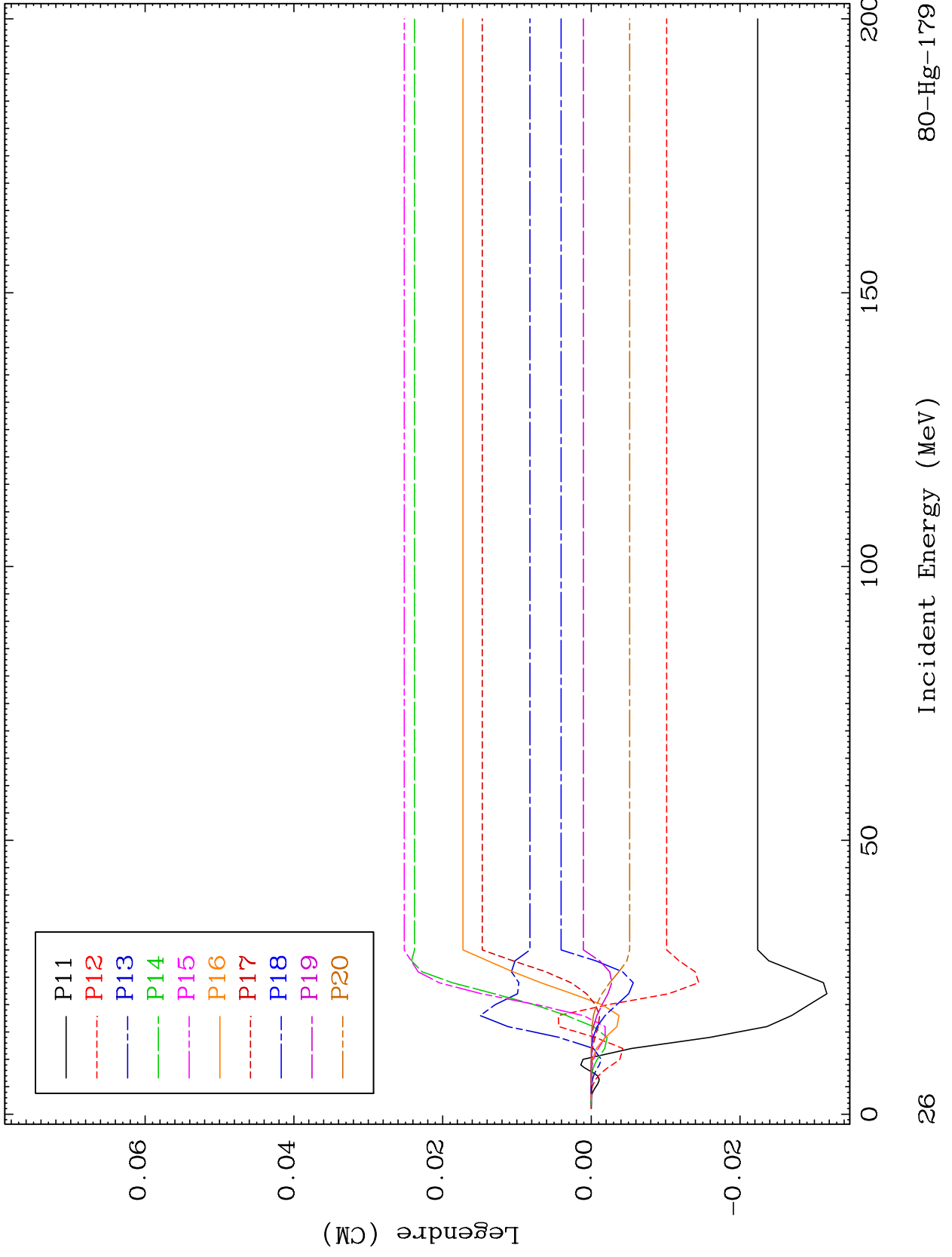


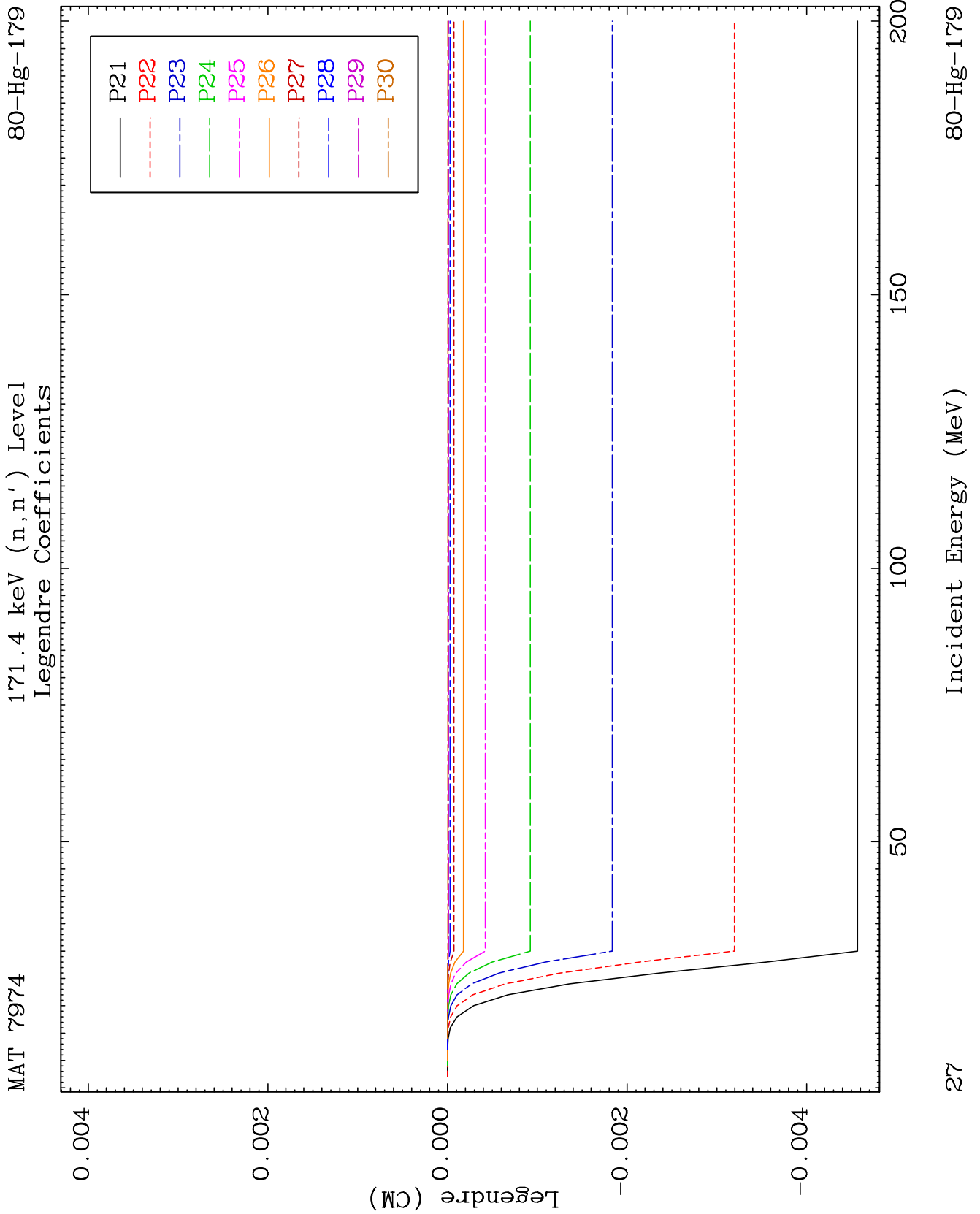


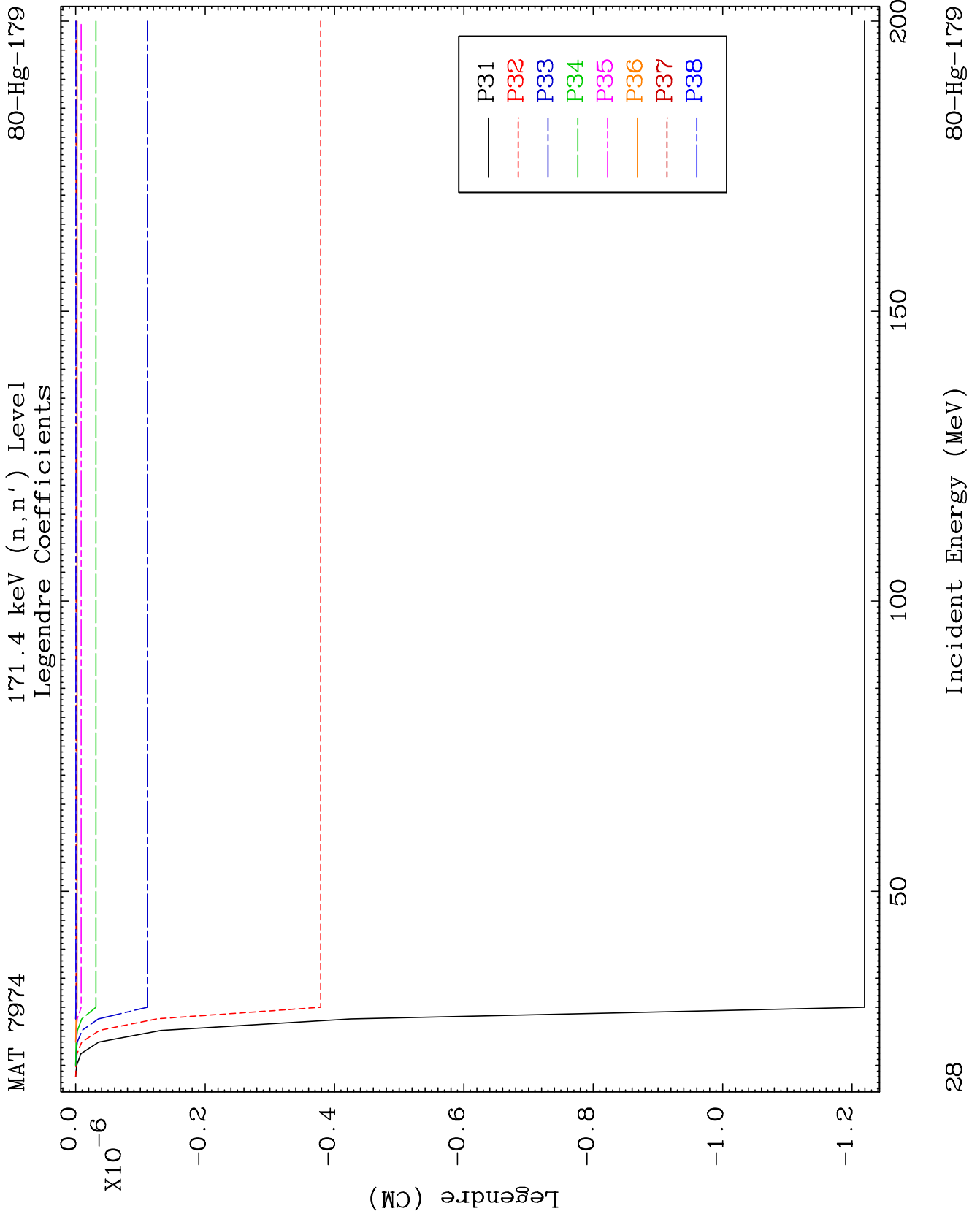
MAT 7974

171.4 keV (n,n') Level  
Legendre Coefficients

80-Hg-179



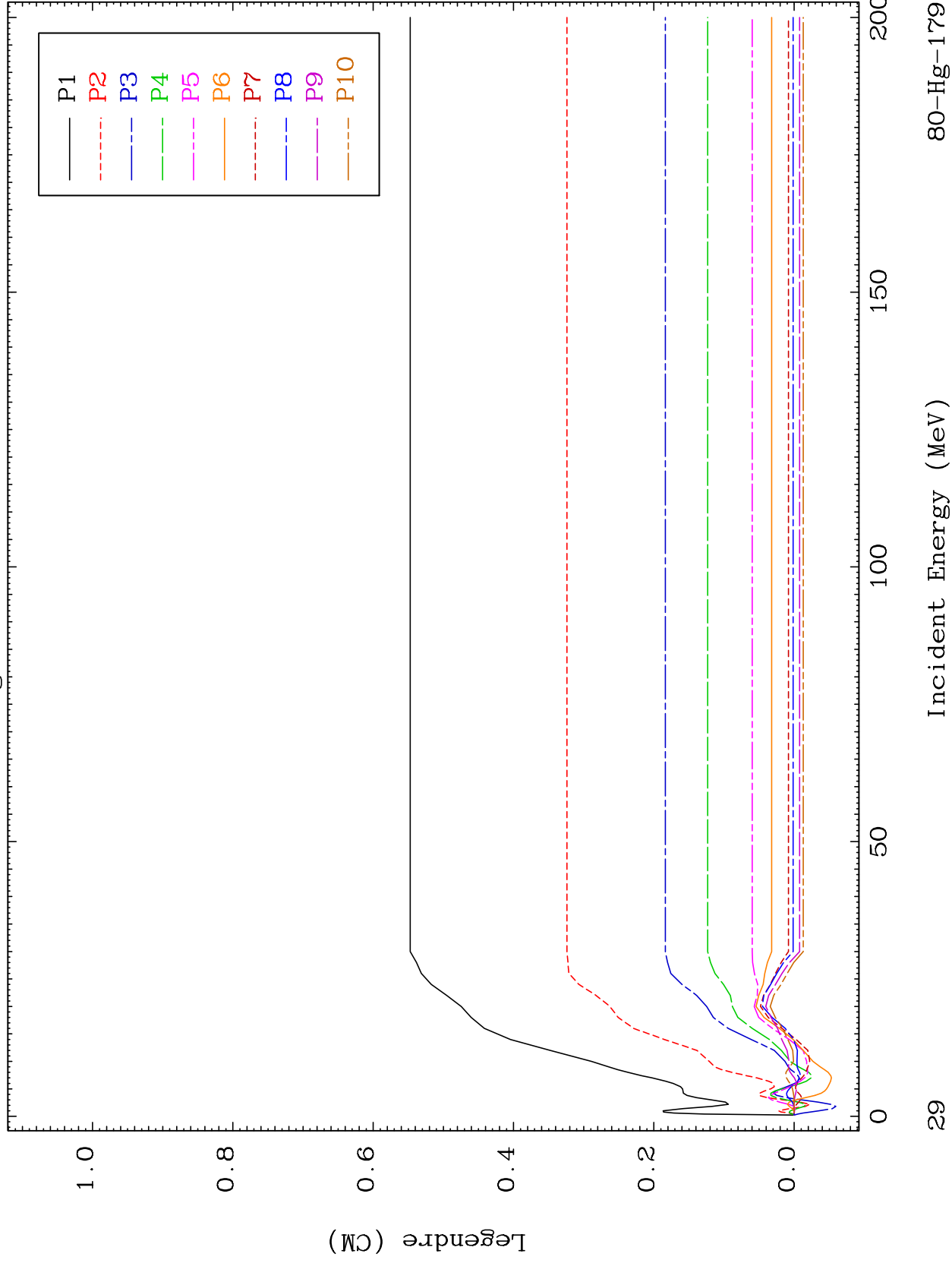


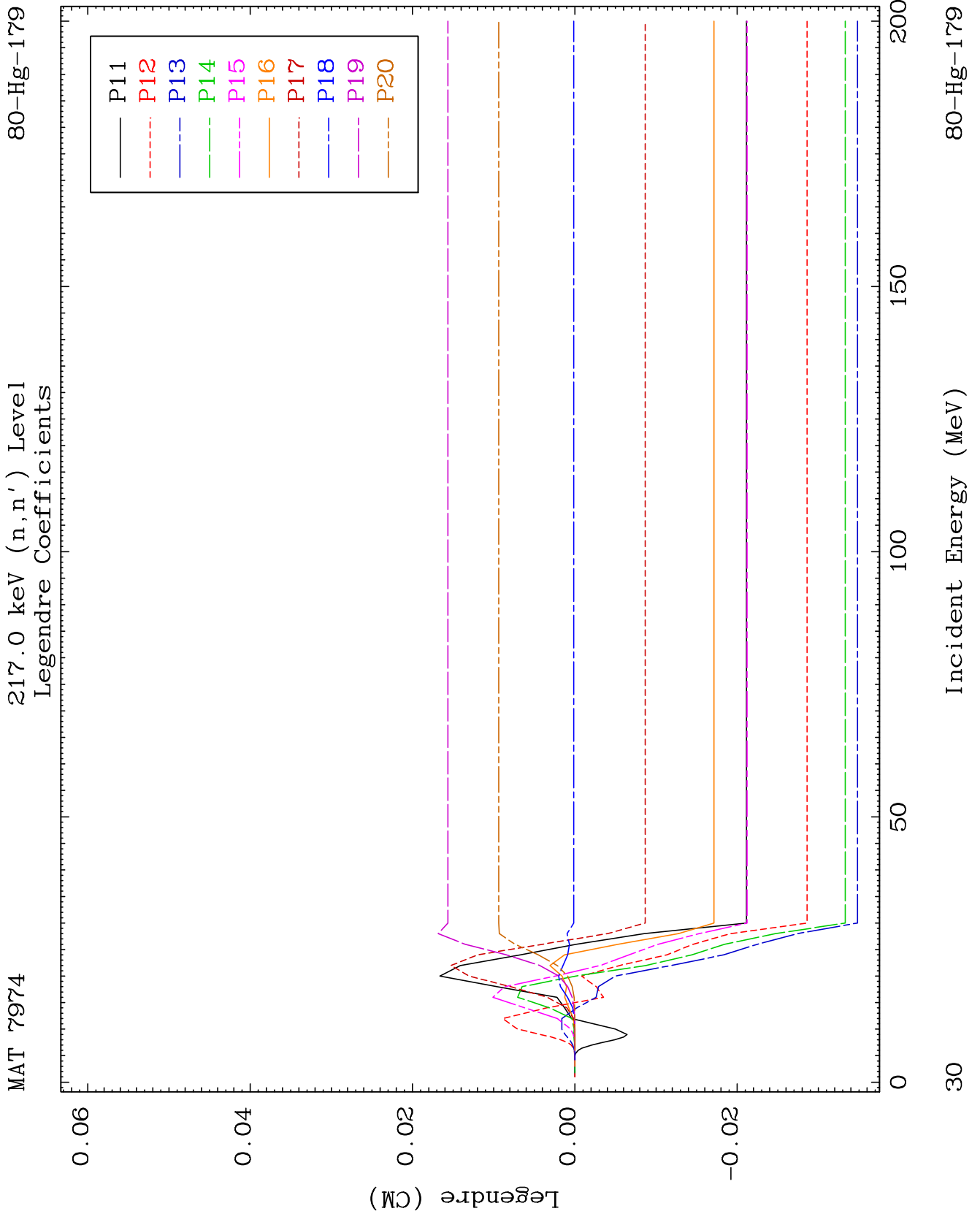


MAT 7974

217.0 keV (n,n') Level  
Legendre Coefficients

80-Hg-179

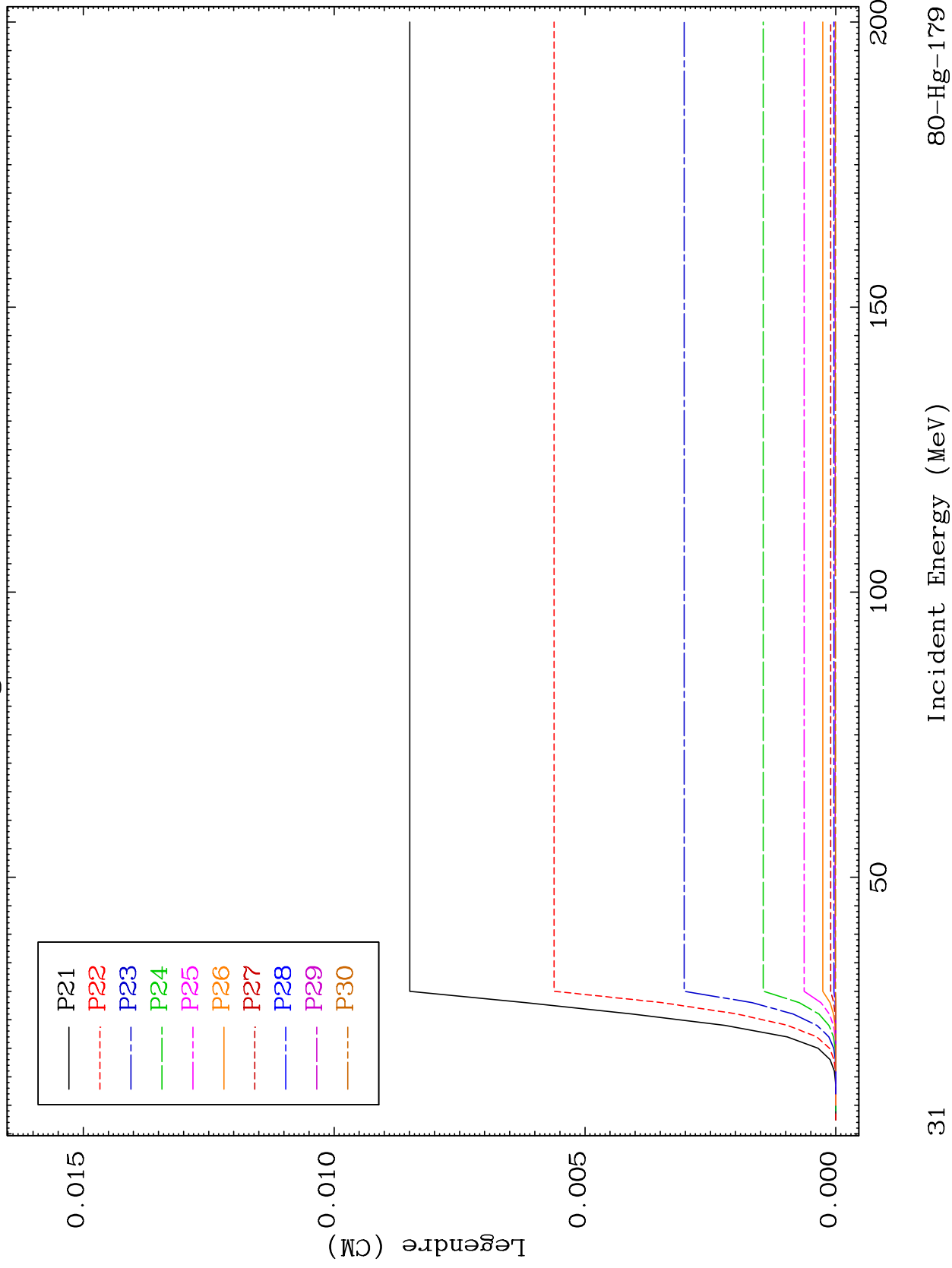




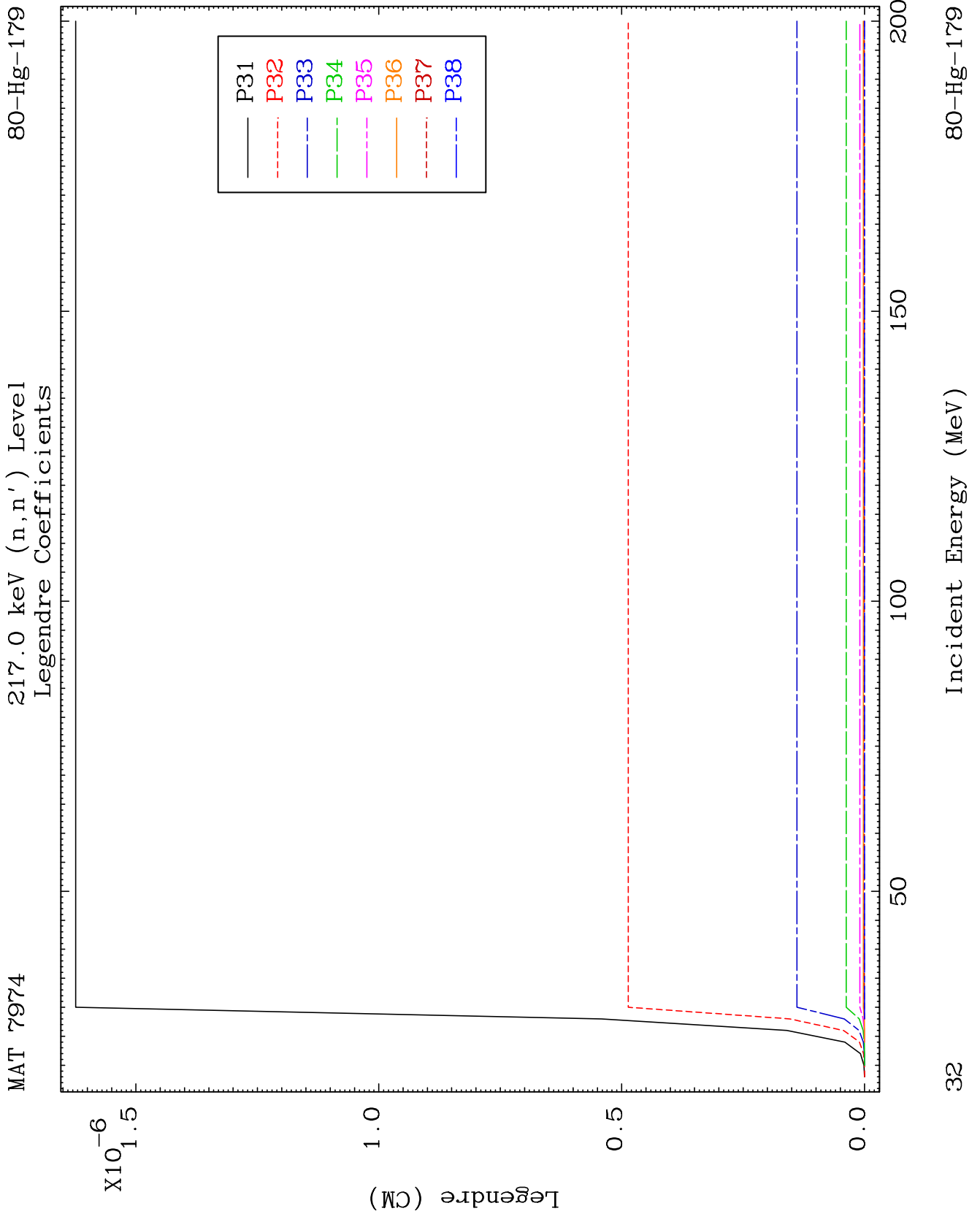
MAT 7974

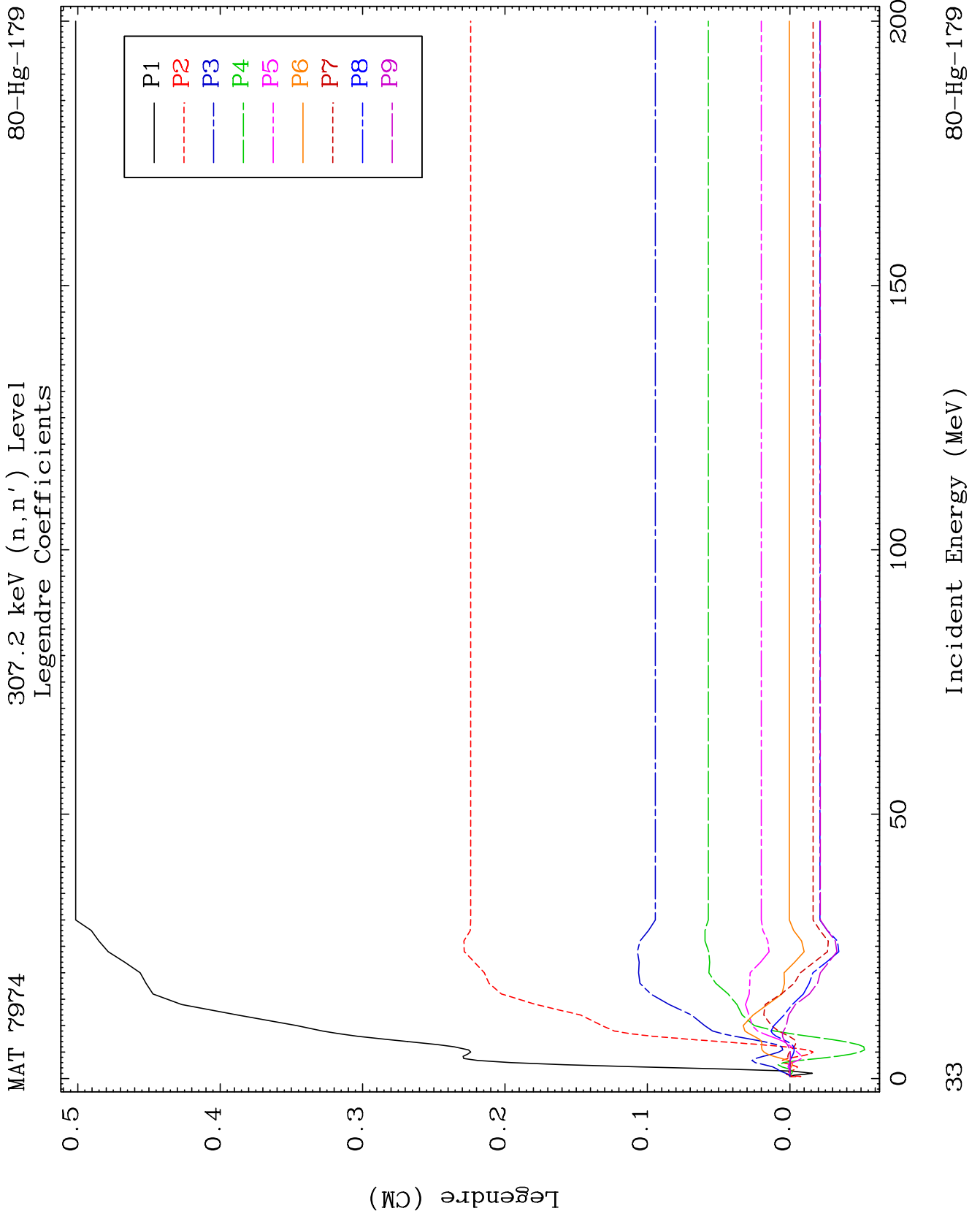
217.0 keV (n,n') Level  
Legendre Coefficients

80-Hg-179





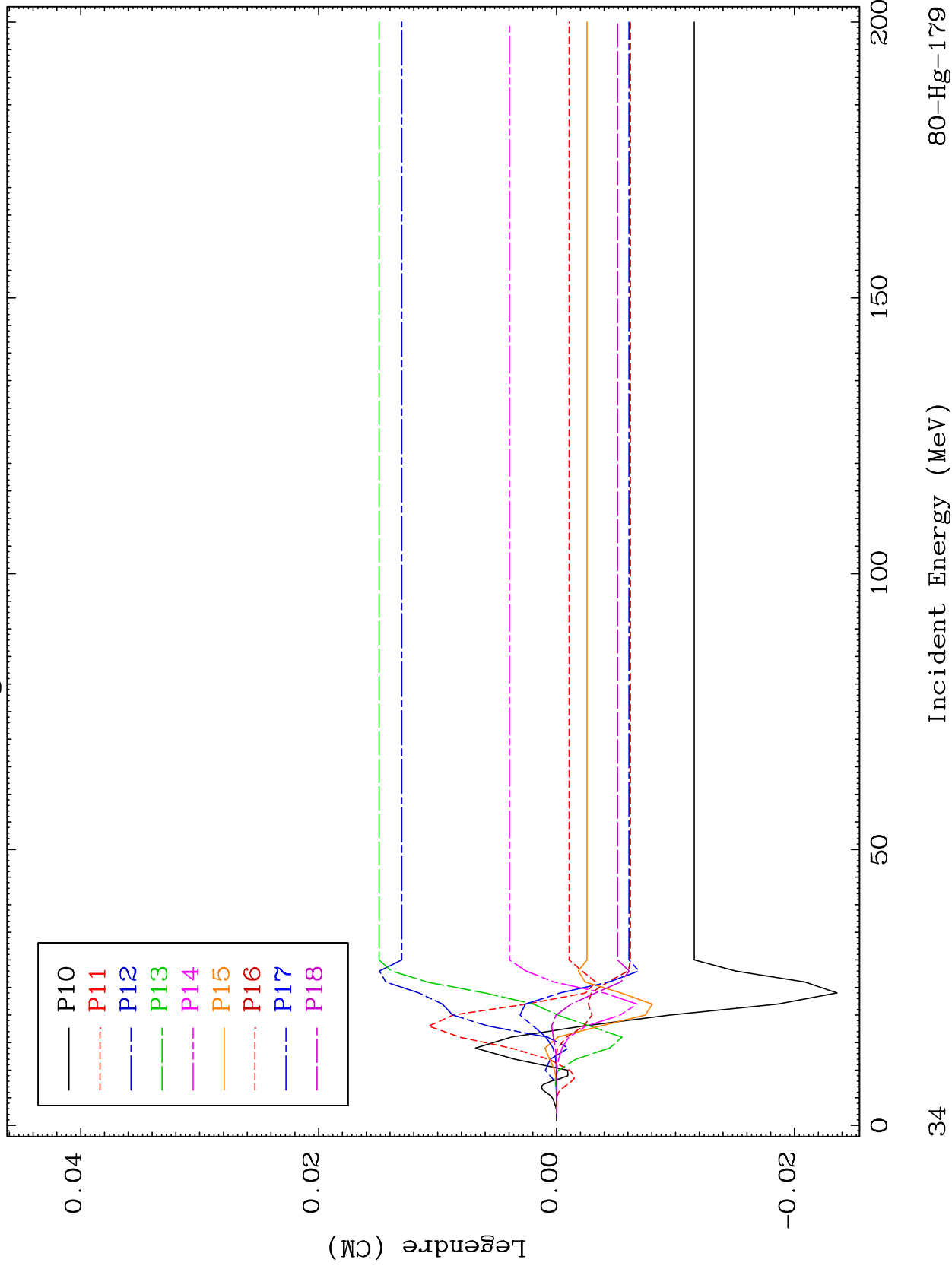




MAT 7974

307.2 keV (n,n') Level  
Legendre Coefficients

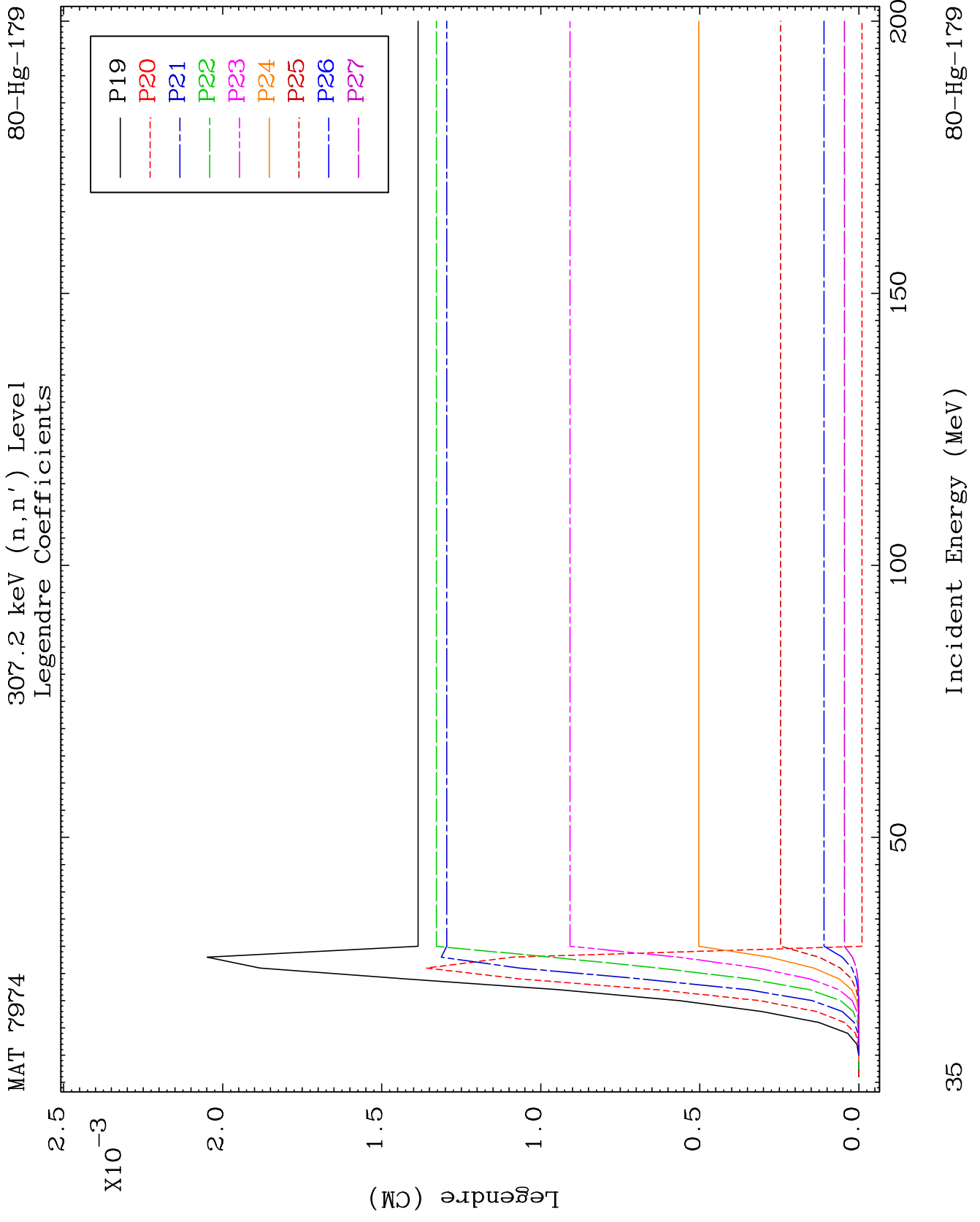
80-Hg-179



34

Incident Energy (MeV)

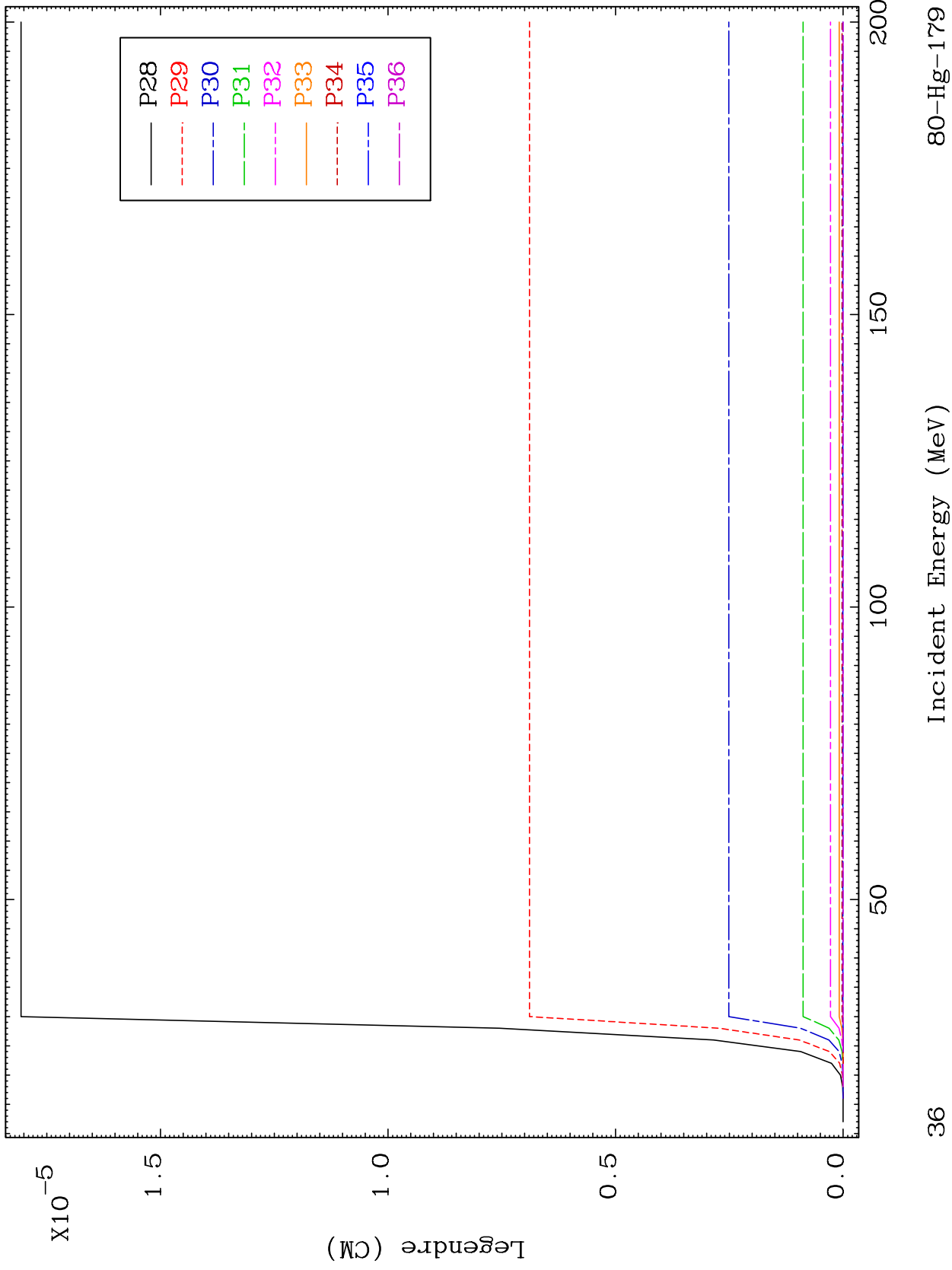
80-Hg-179



MAT 7974

307.2 keV (n,n') Level  
Legendre Coefficients

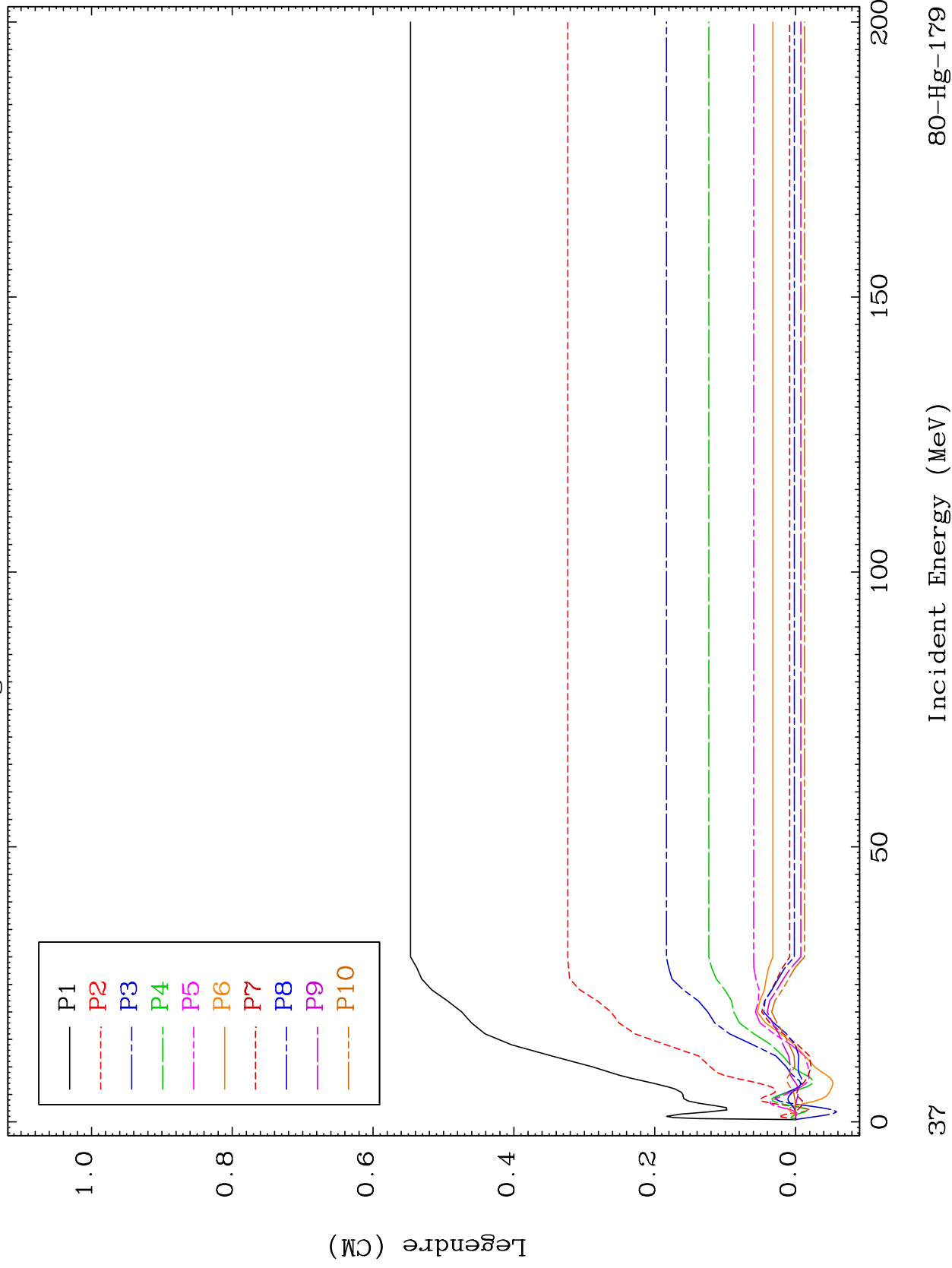
80-Hg-179



MAT 7974

326.5 keV (n,n') Level  
Legendre Coefficients

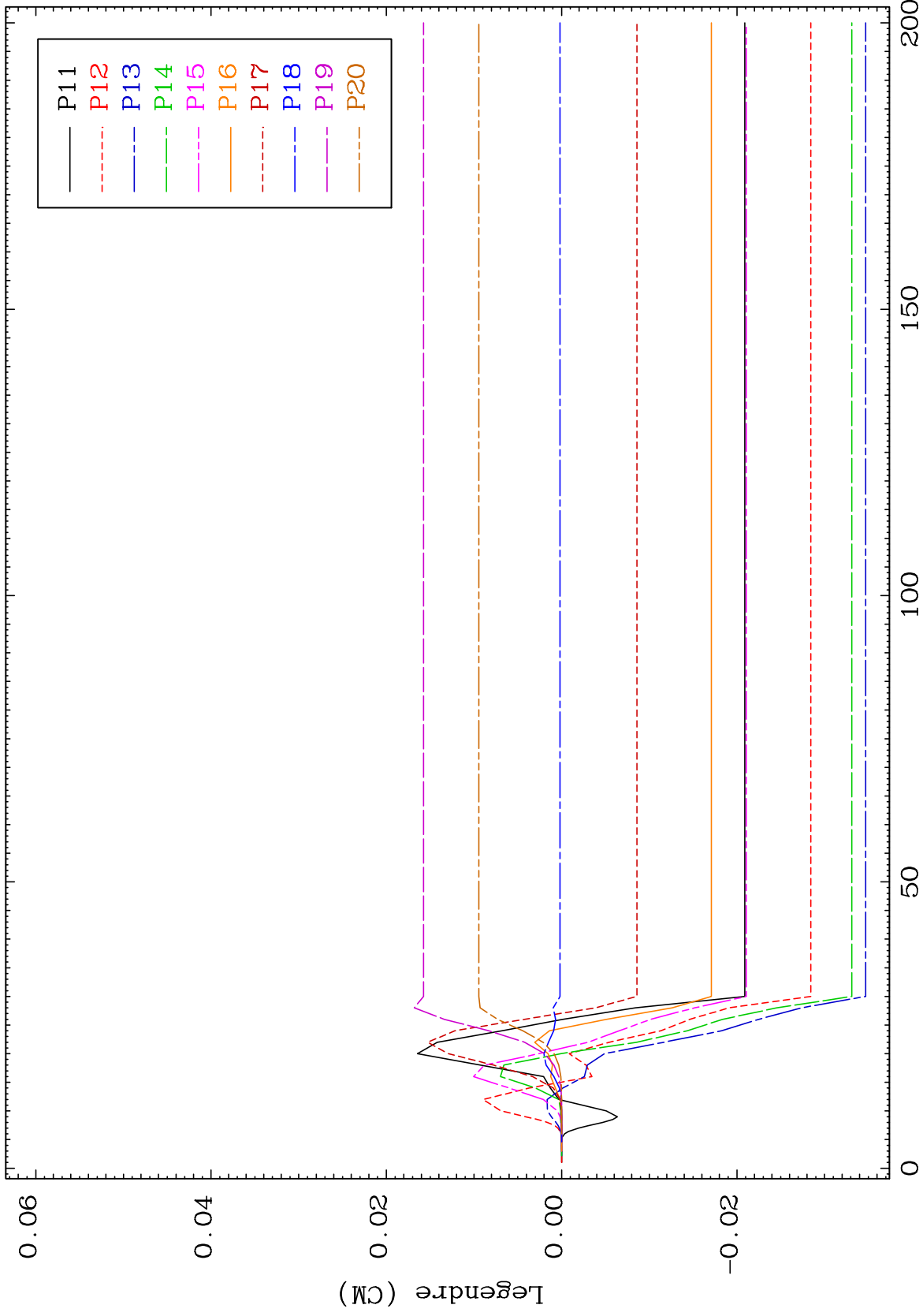
80-Hg-179



MAT 7974

326.5 keV (n,n') Level  
Legendre Coefficients

80-Hg-179



38

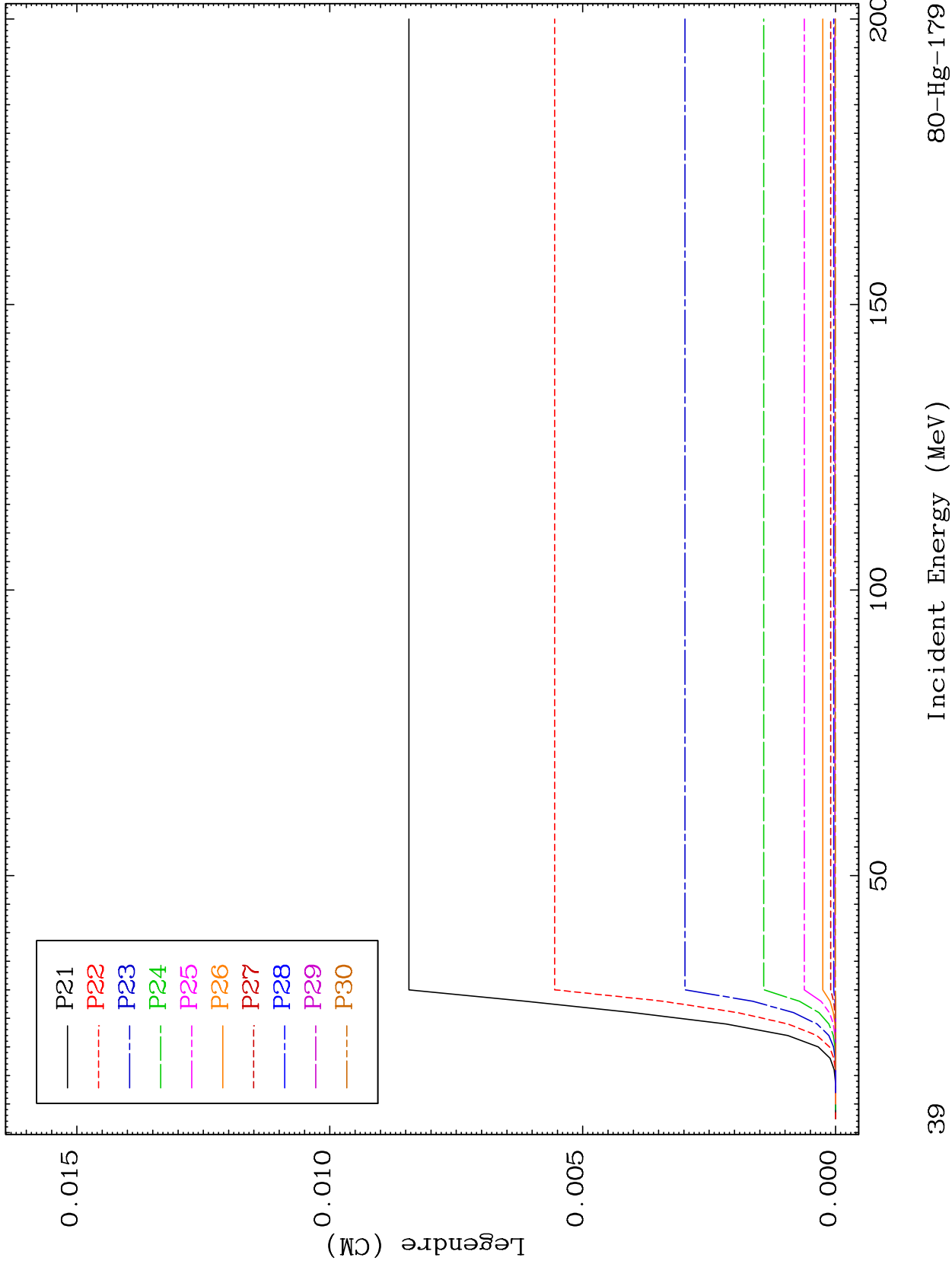
Incident Energy (MeV)

80-Hg-179

MAT 7974

326.5 keV (n,n') Level  
Legendre Coefficients

80-Hg-179

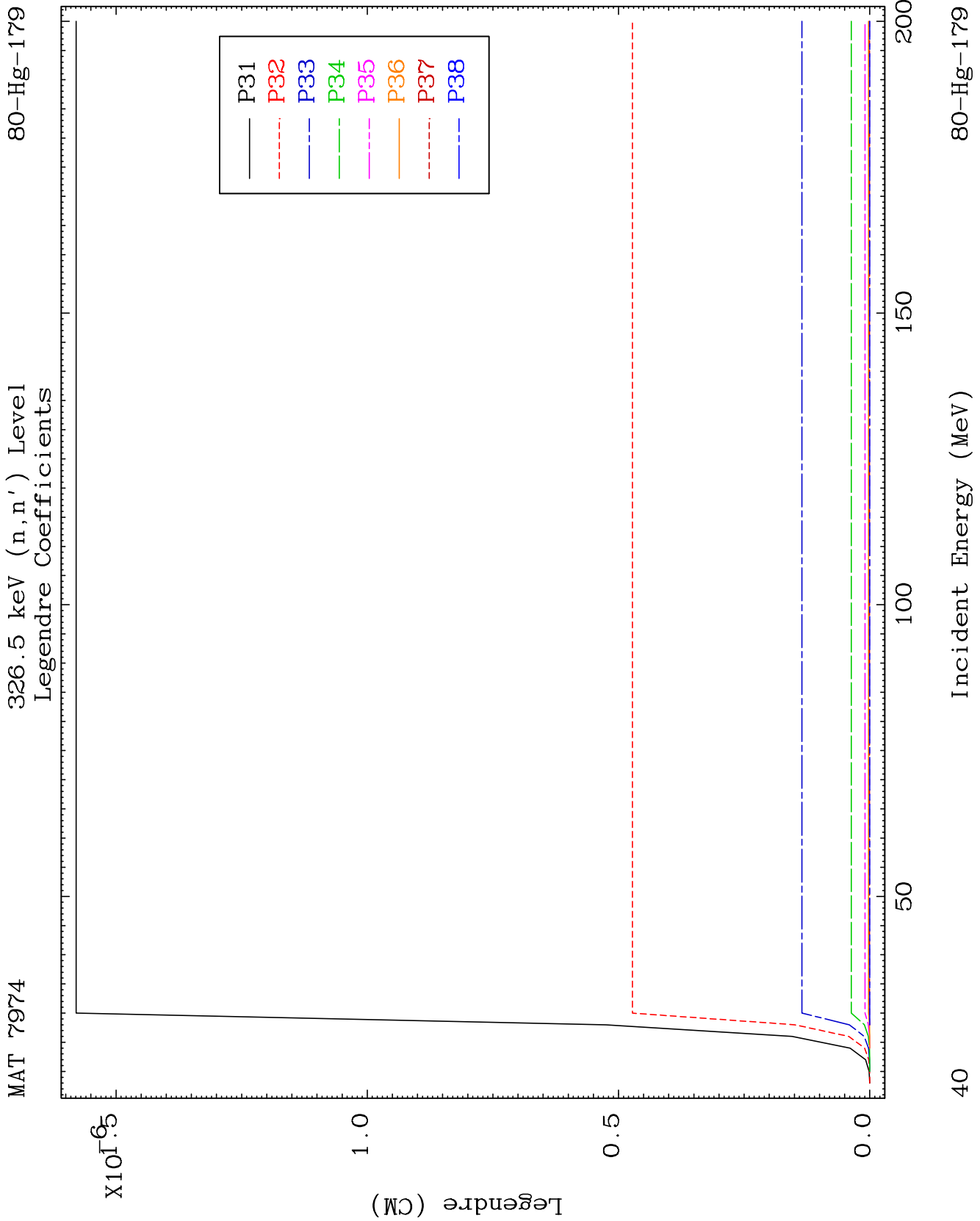


39

Incident Energy (MeV)

80-Hg-179

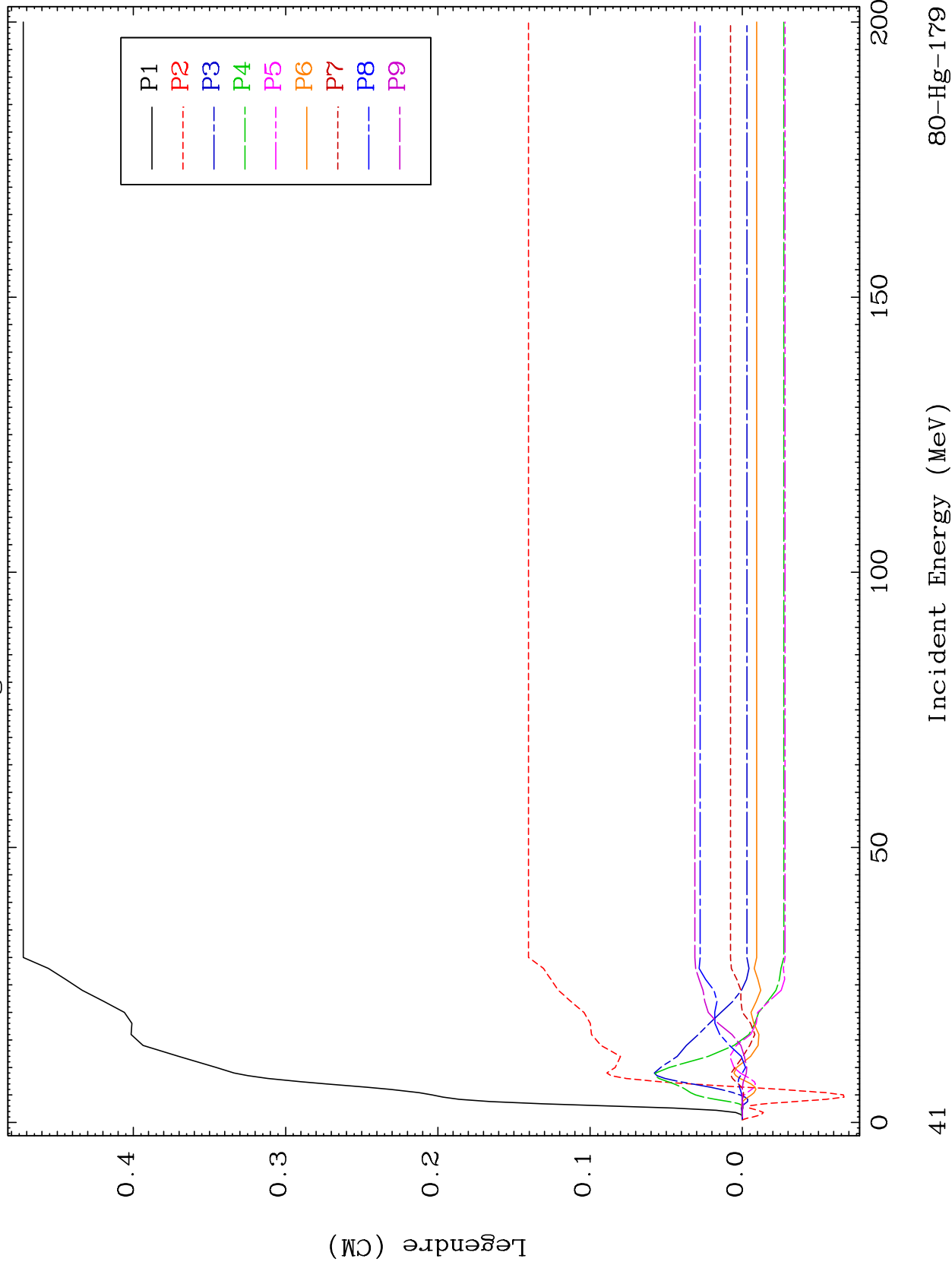




MAT 7974

428.5 keV (n,n') Level  
Legendre Coefficients

80-Hg-179



41

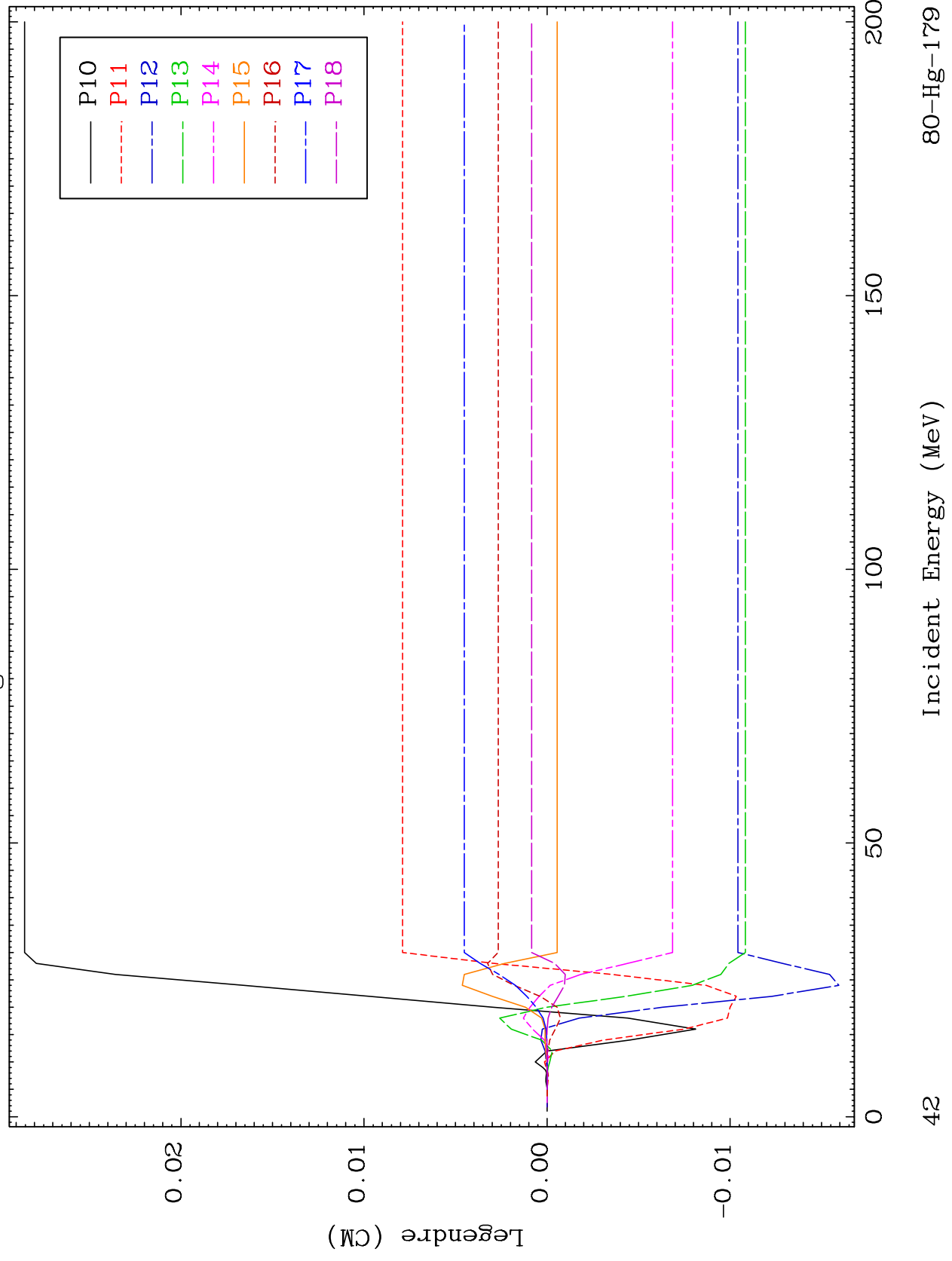
Incident Energy (MeV)

80-Hg-179

MAT 7974

428.5 keV (n,n') Level  
Legendre Coefficients

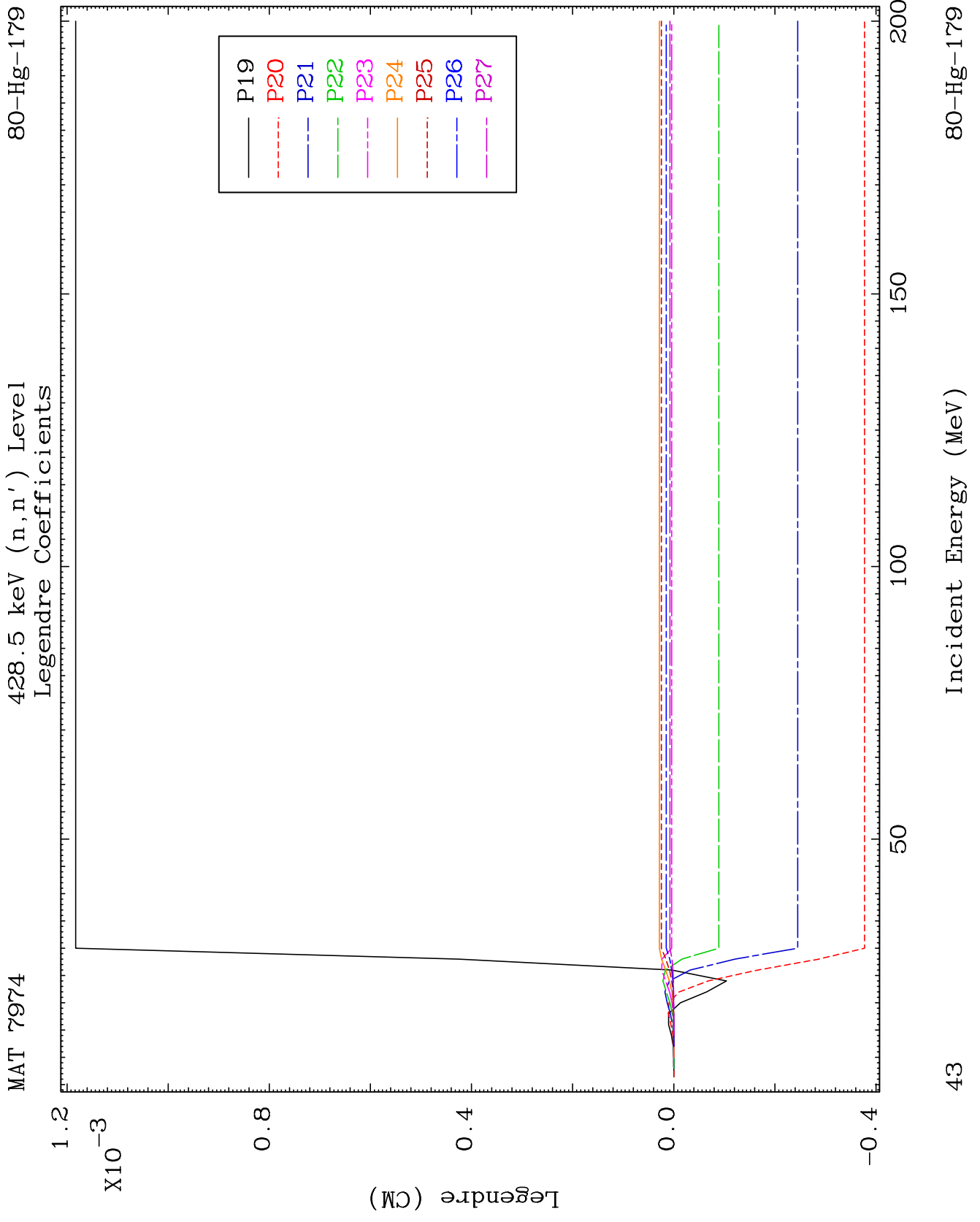
80-Hg-179



80-Hg-179

Incident Energy (MeV)

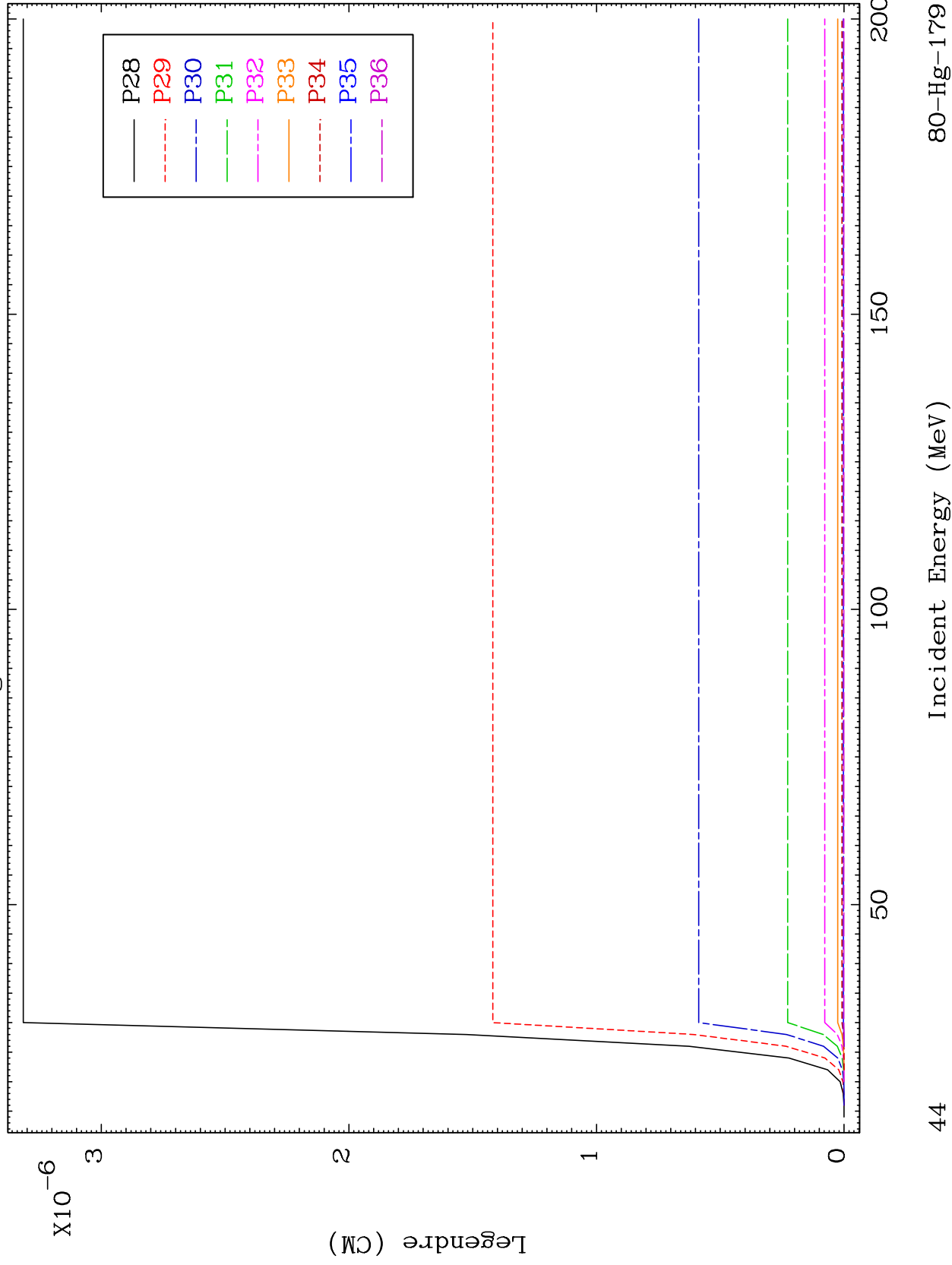
42



MAT 7974

428.5 keV (n,n') Level  
Legendre Coefficients

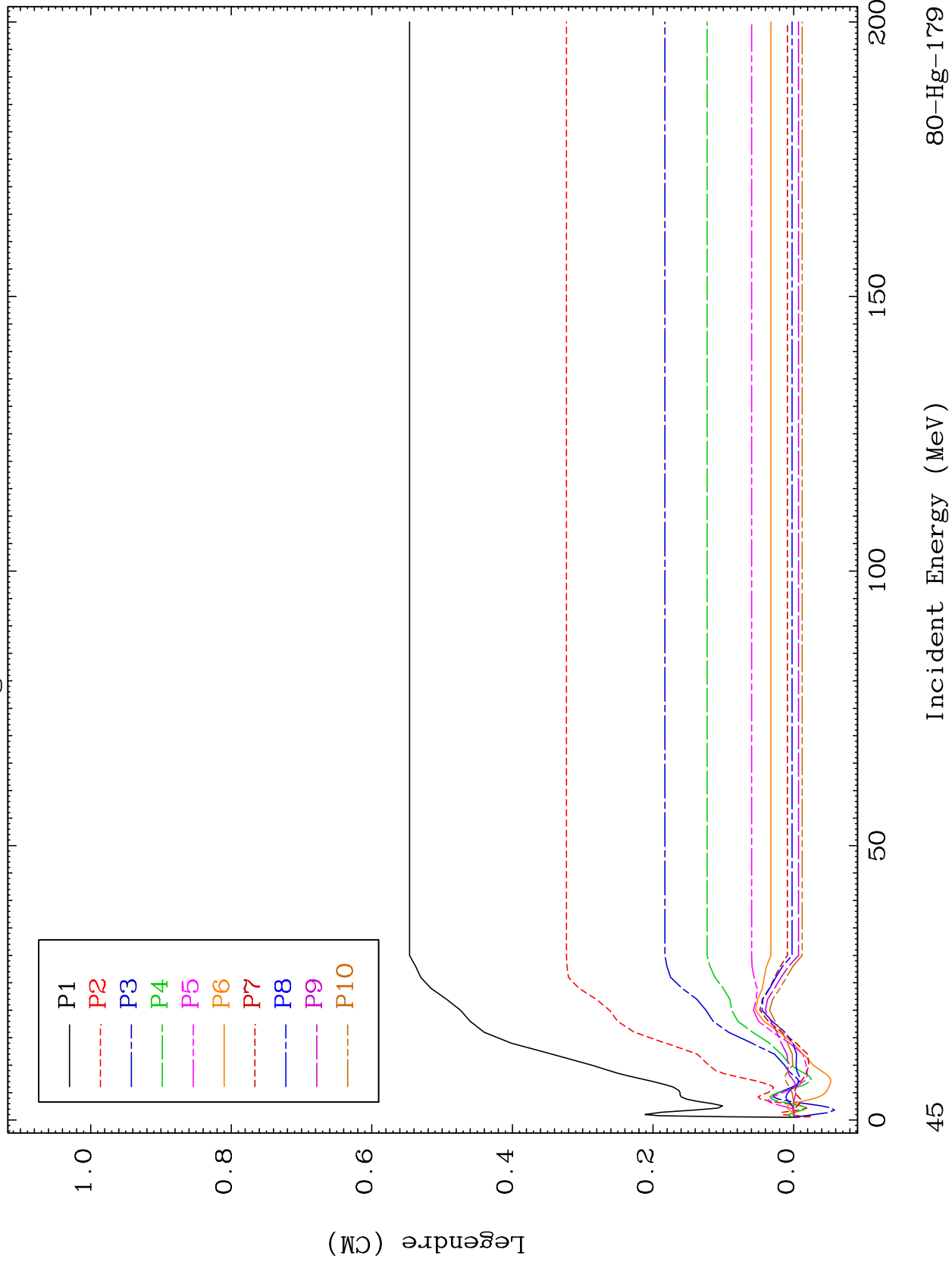
80-Hg-179



MAT 7974

476.2 keV (n,n') Level  
Legendre Coefficients

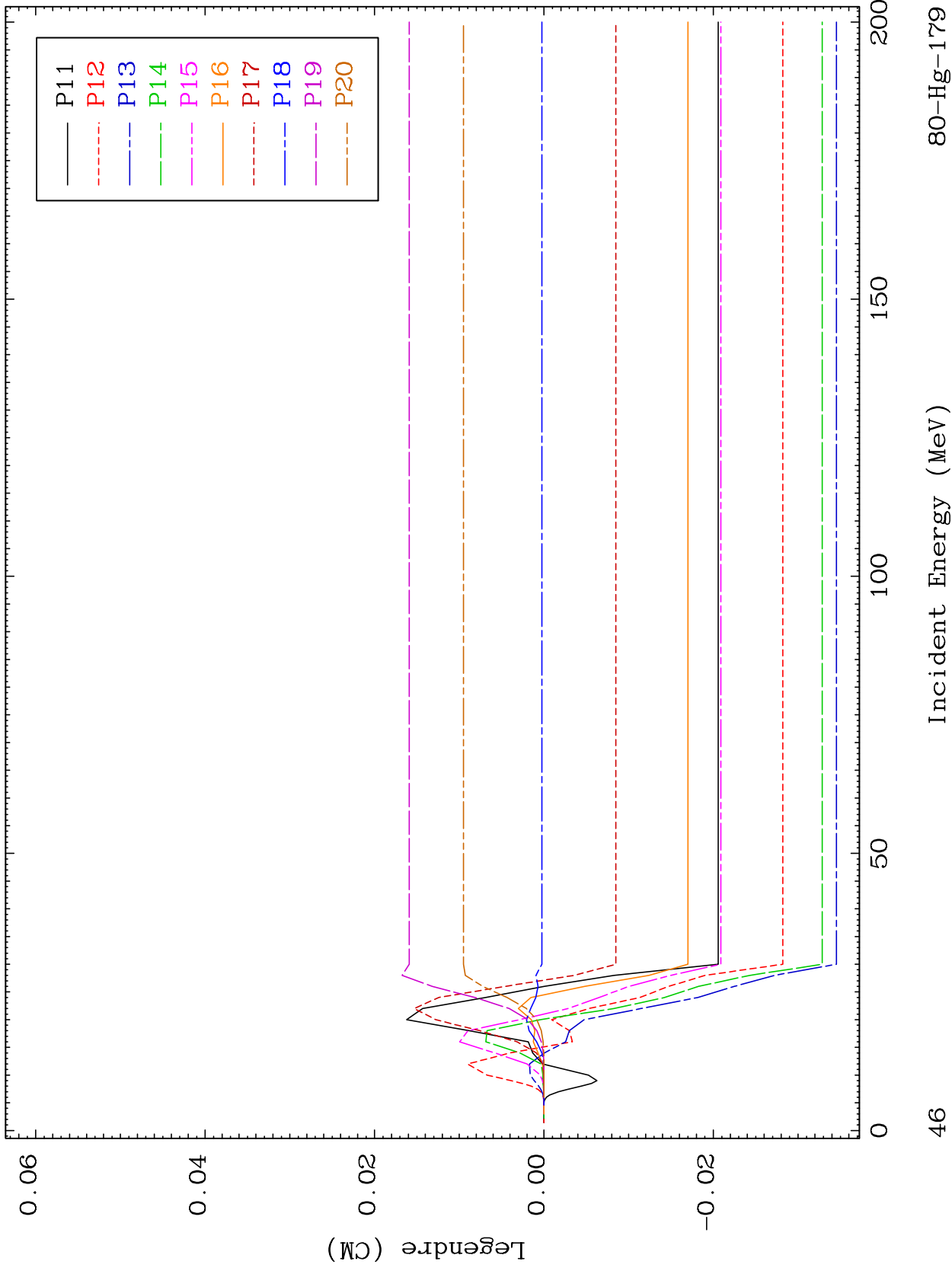
80-Hg-179



MAT 7974

476.2 keV (n,n') Level  
Legendre Coefficients

80-Hg-179



46

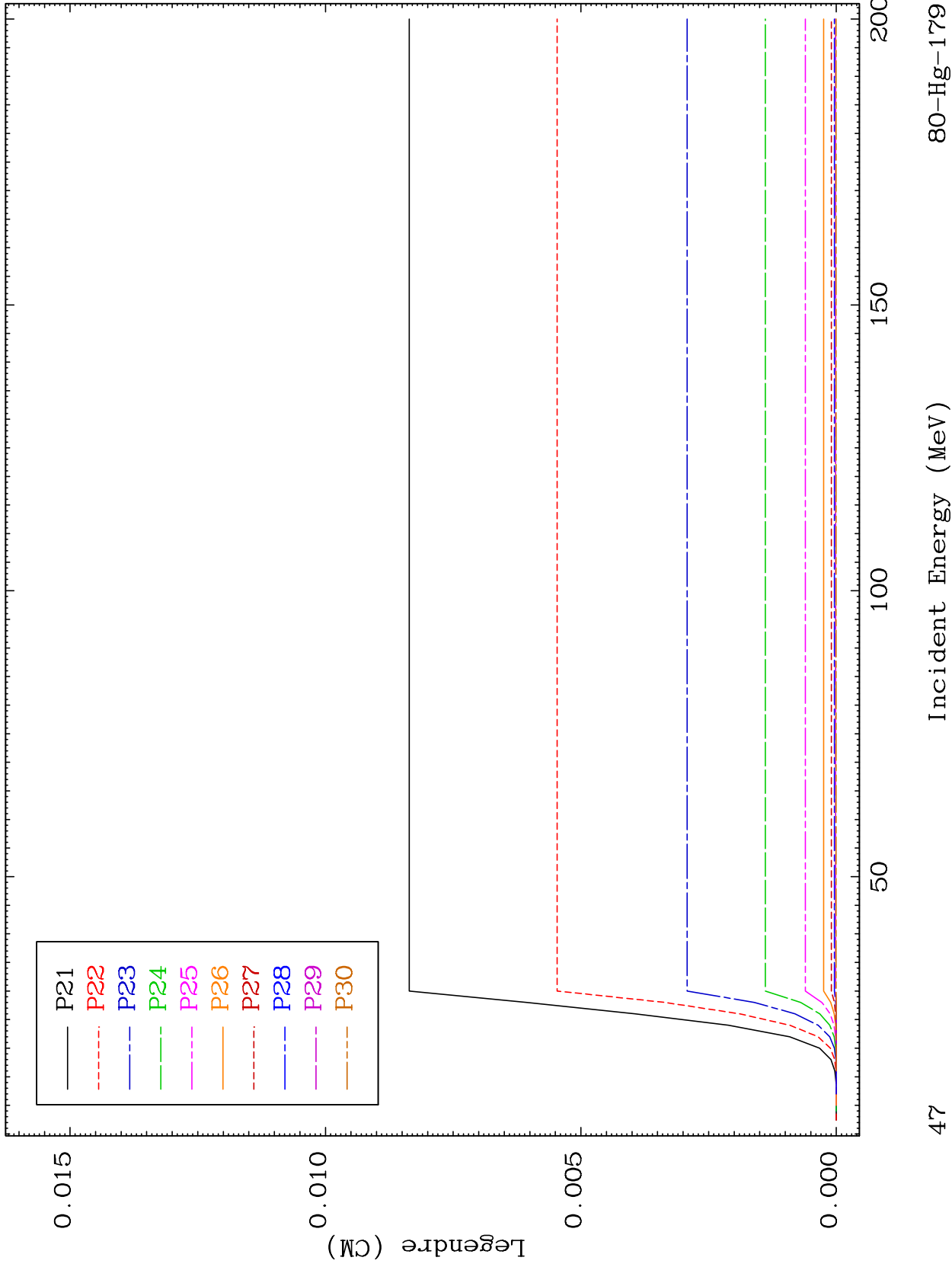
Incident Energy (MeV)

80-Hg-179

MAT 7974

476.2 keV (n,n') Level  
Legendre Coefficients

80-Hg-179

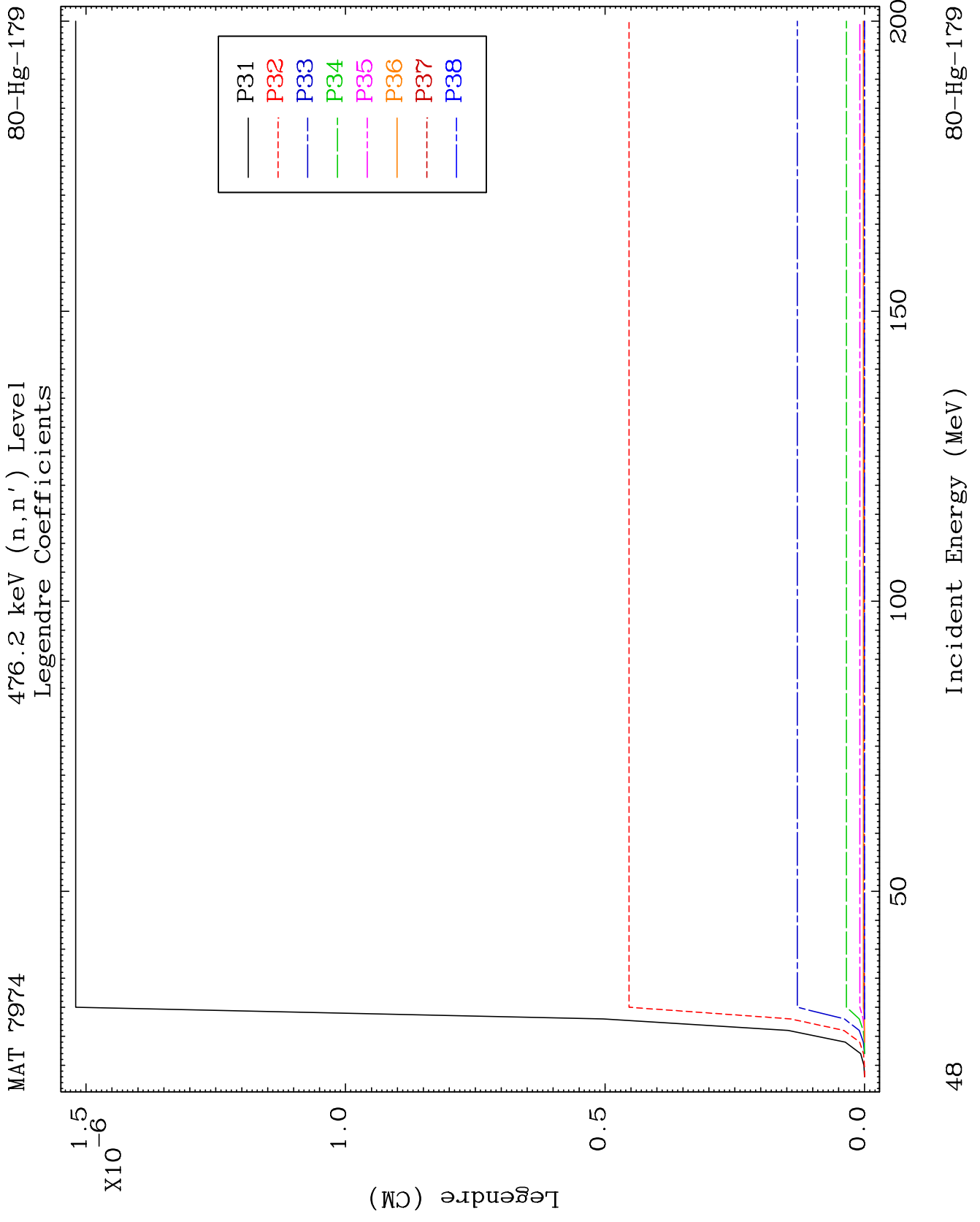


47

Incident Energy (MeV)

80-Hg-179



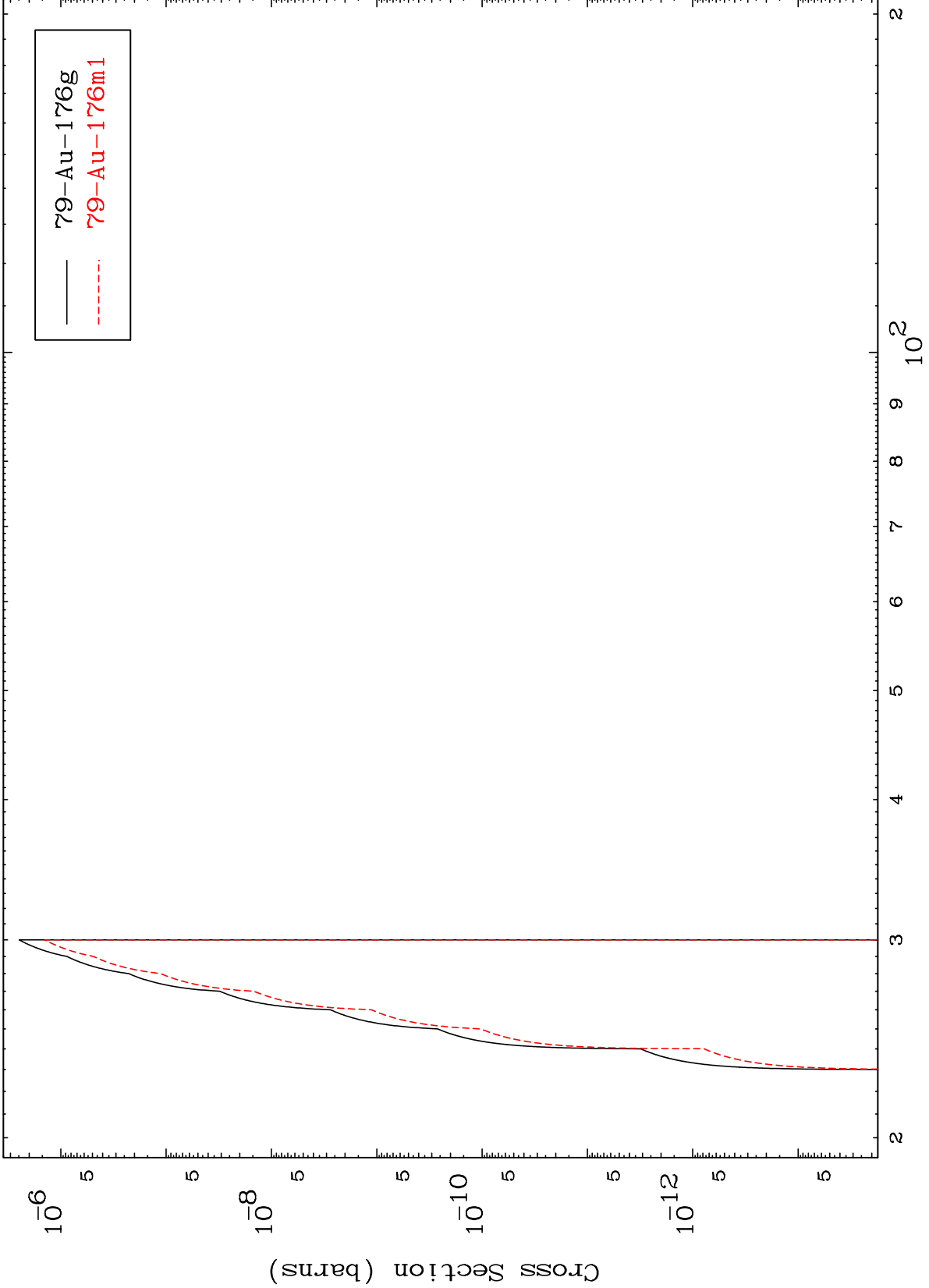


MAT 7974

(n,2n) d

80-Hg-179

Radionuclide Production Cross Section



49

Incident Energy (MeV)

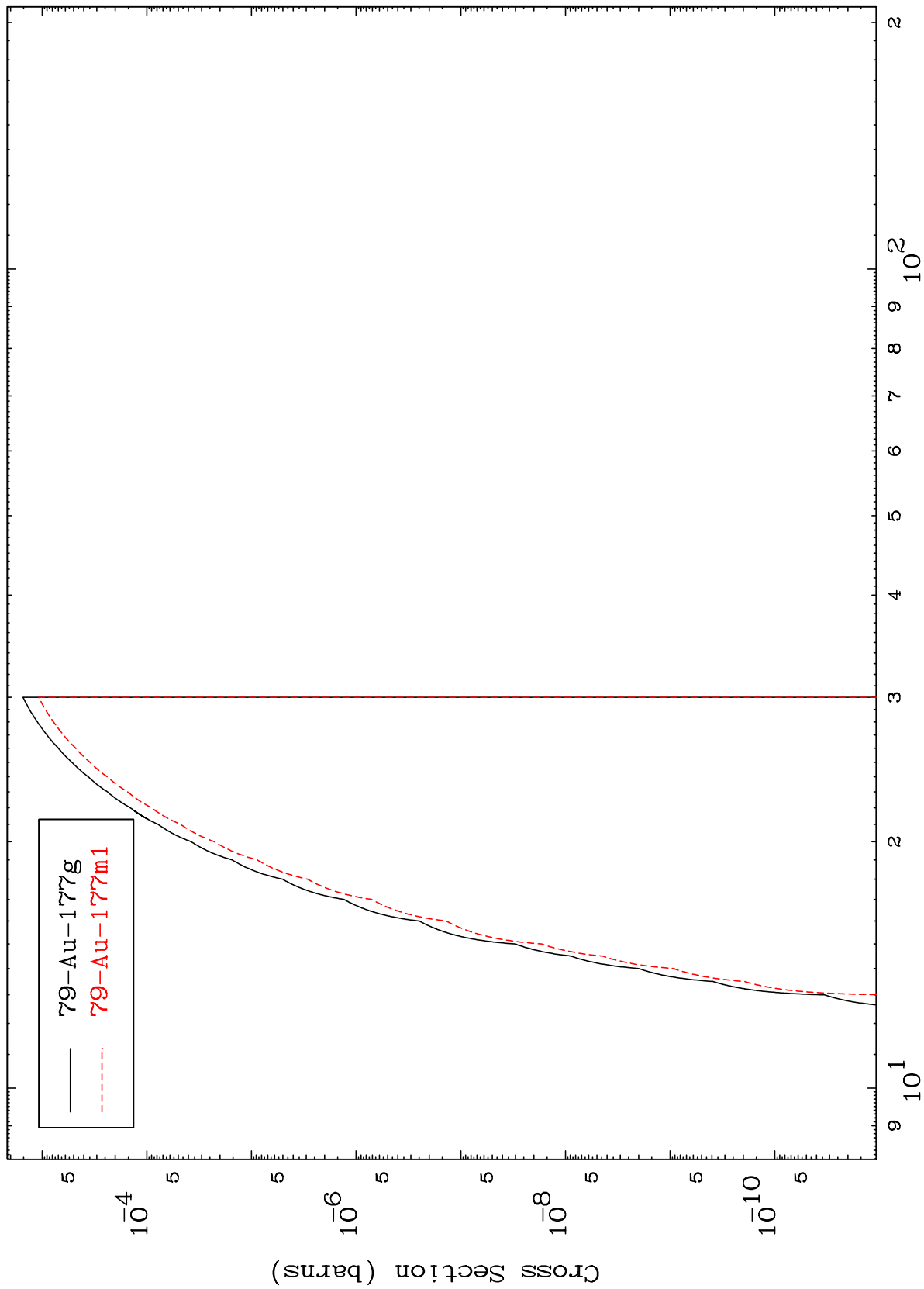
80-Hg-179

MAT 7974

(n,n') d

80-Hg-179

Radionuclide Production Cross Section

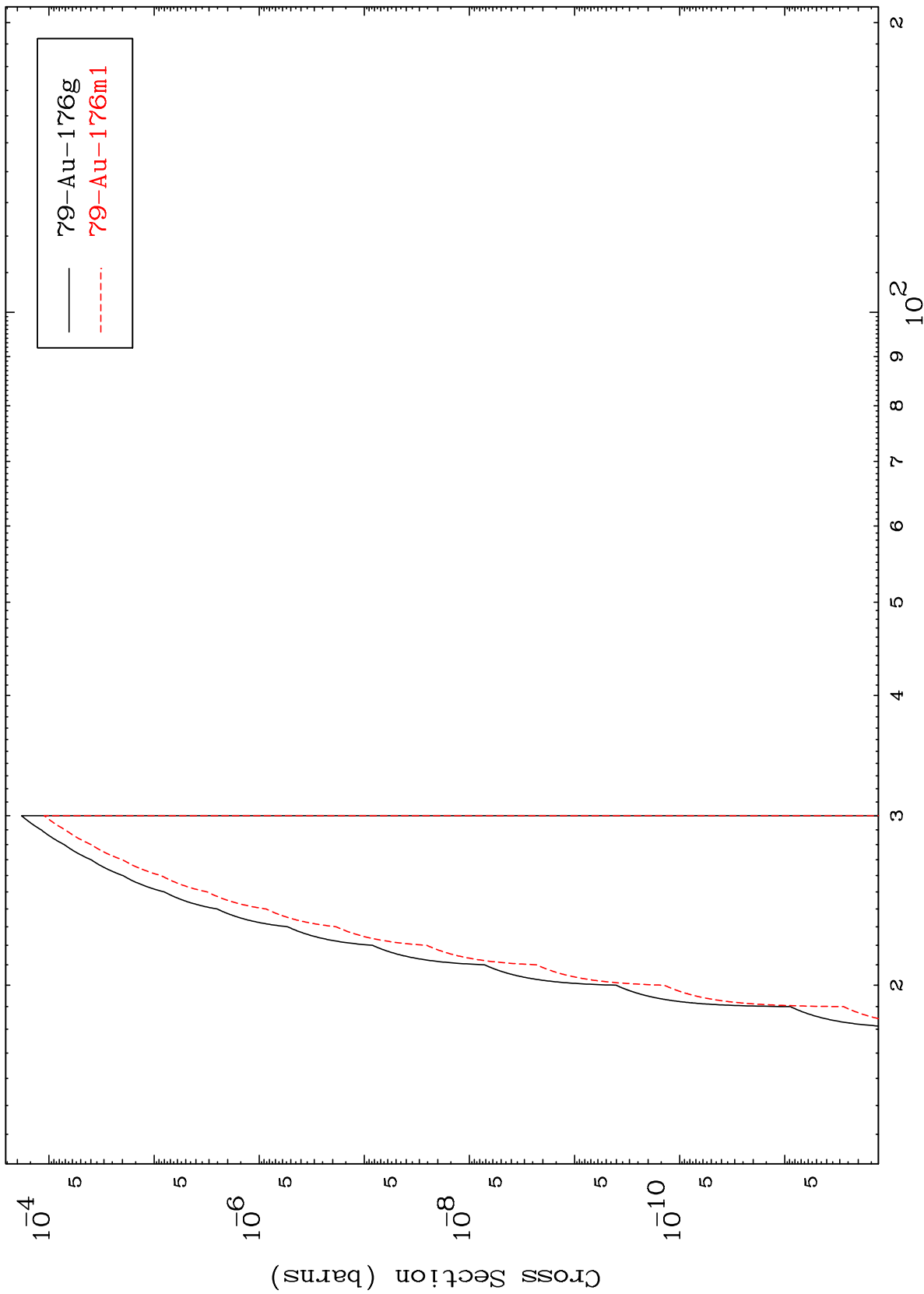


50

Incident Energy (MeV)

80-Hg-179

Radionuclide Production Cross Section

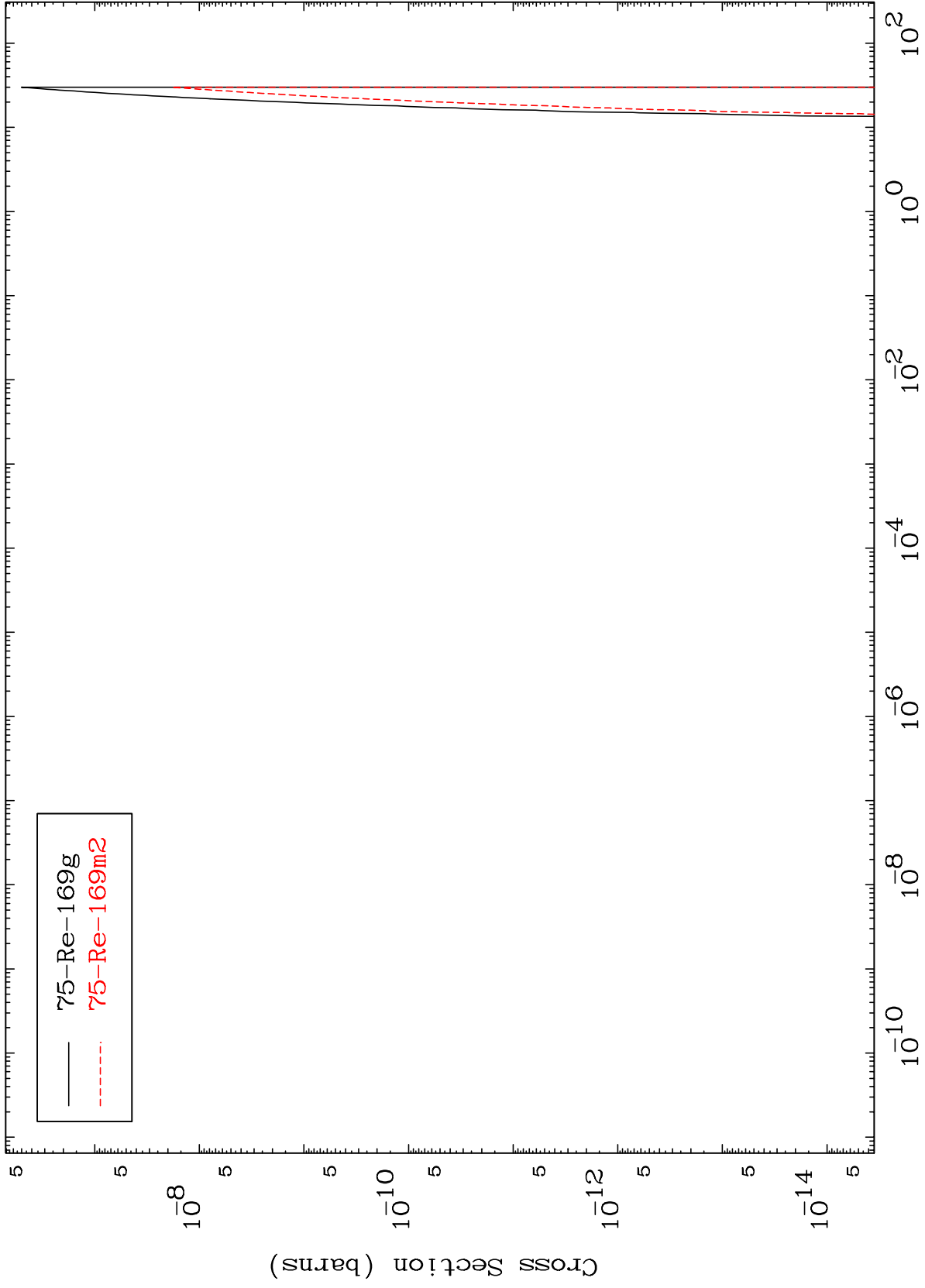


MAT 7974

(n,n') d,2α

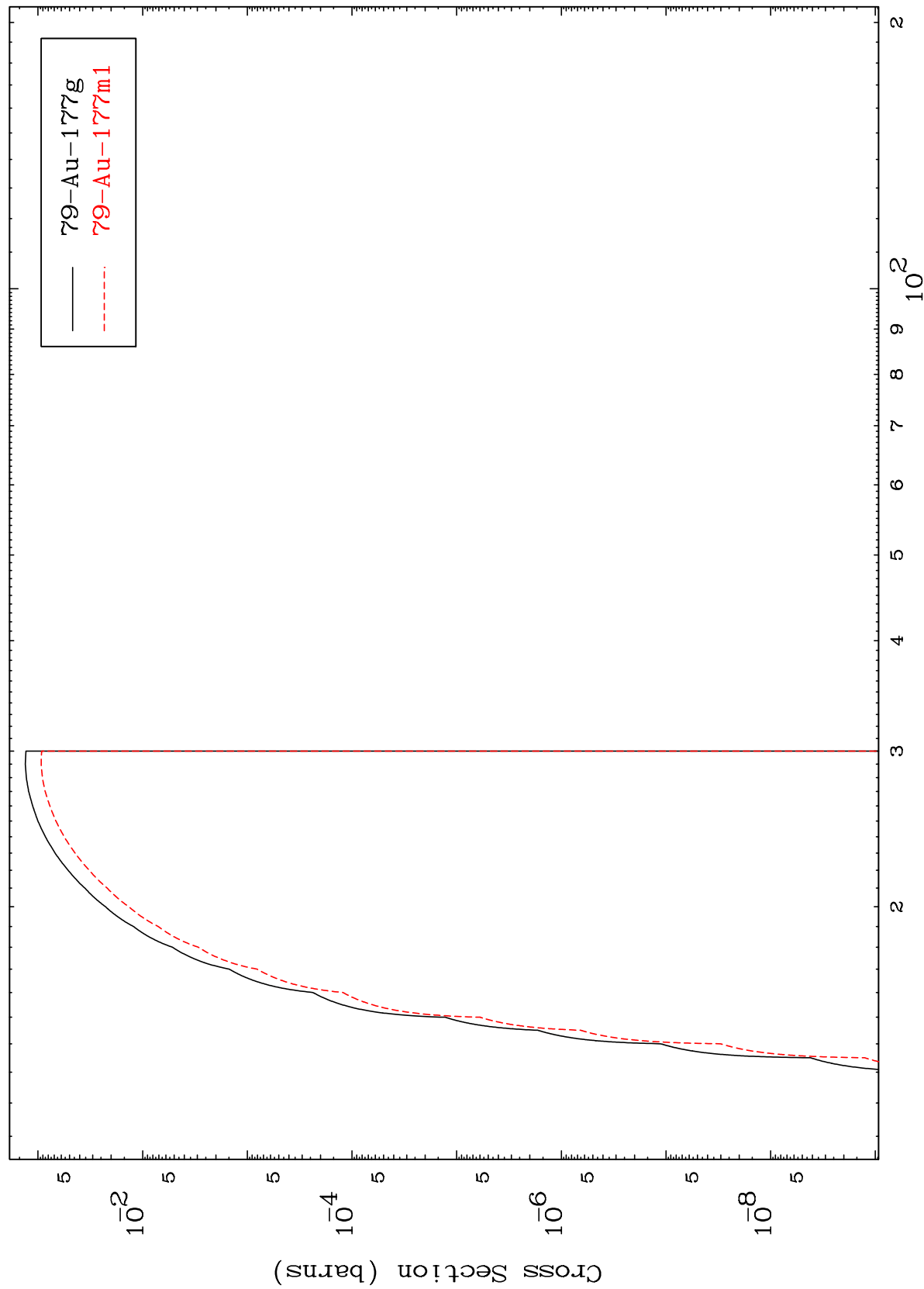
80-Hg-179

Radionuclide Production Cross Section



75-Re-169g  
75-Re-169m2

Radionuclide Production Cross Section

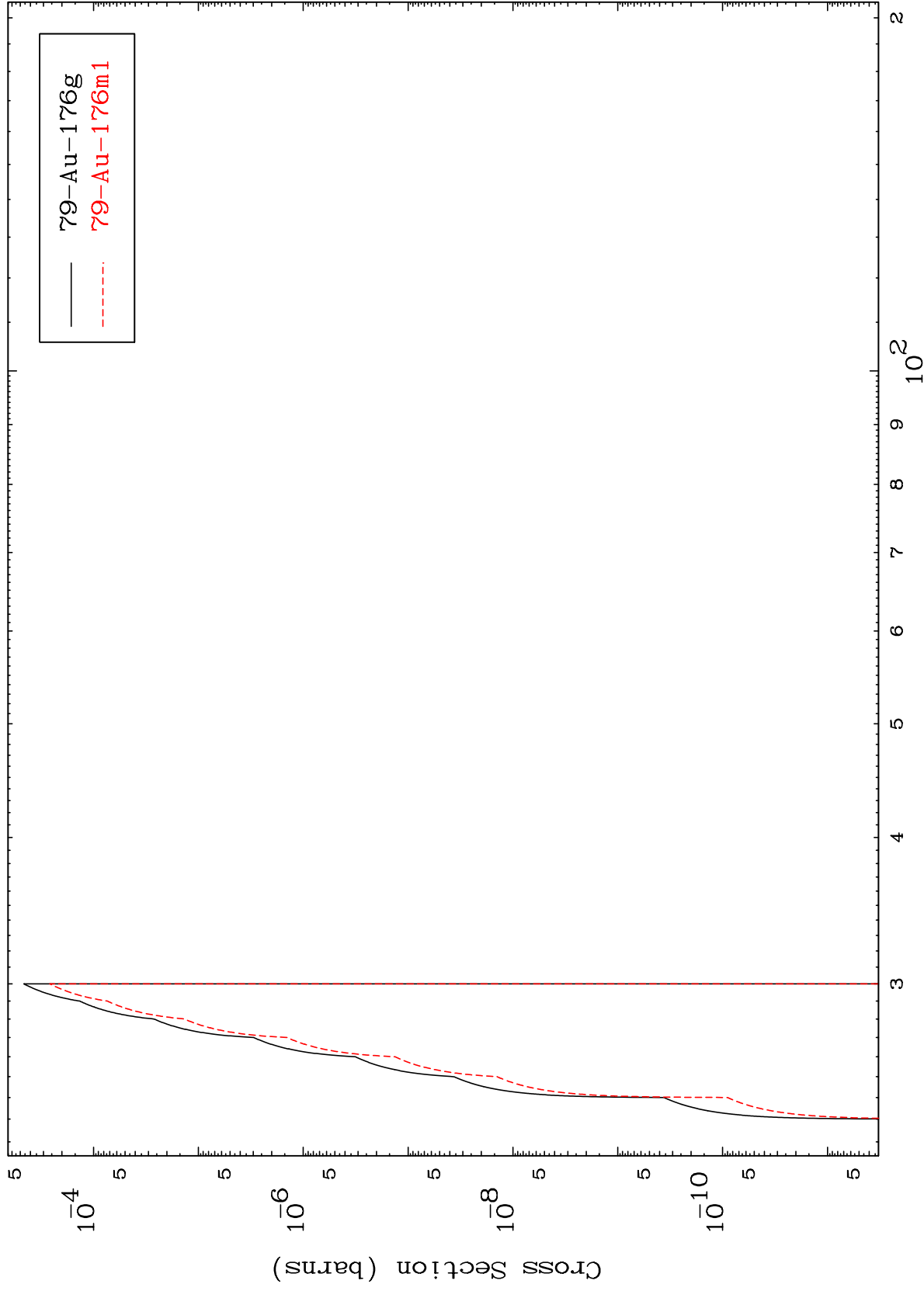


MAT 7974

(n,3n) p

80-Hg-179

Radionuclide Production Cross Section



54

Incident Energy (MeV)

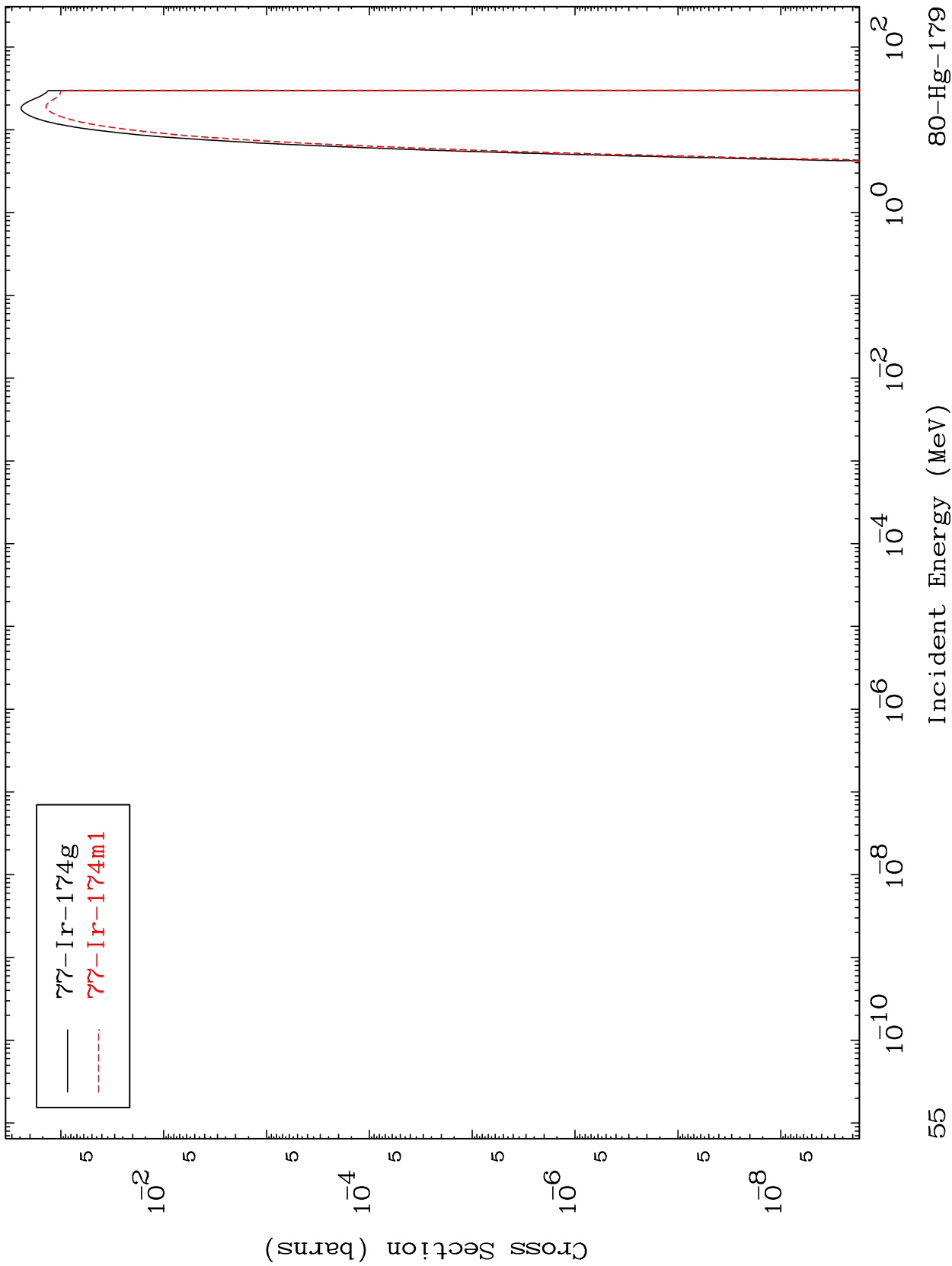
80-Hg-179

MAT 7974

(n,n') p  $\alpha$

80-Hg-179

Radionuclide Production Cross Section



55

Incident Energy (MeV)

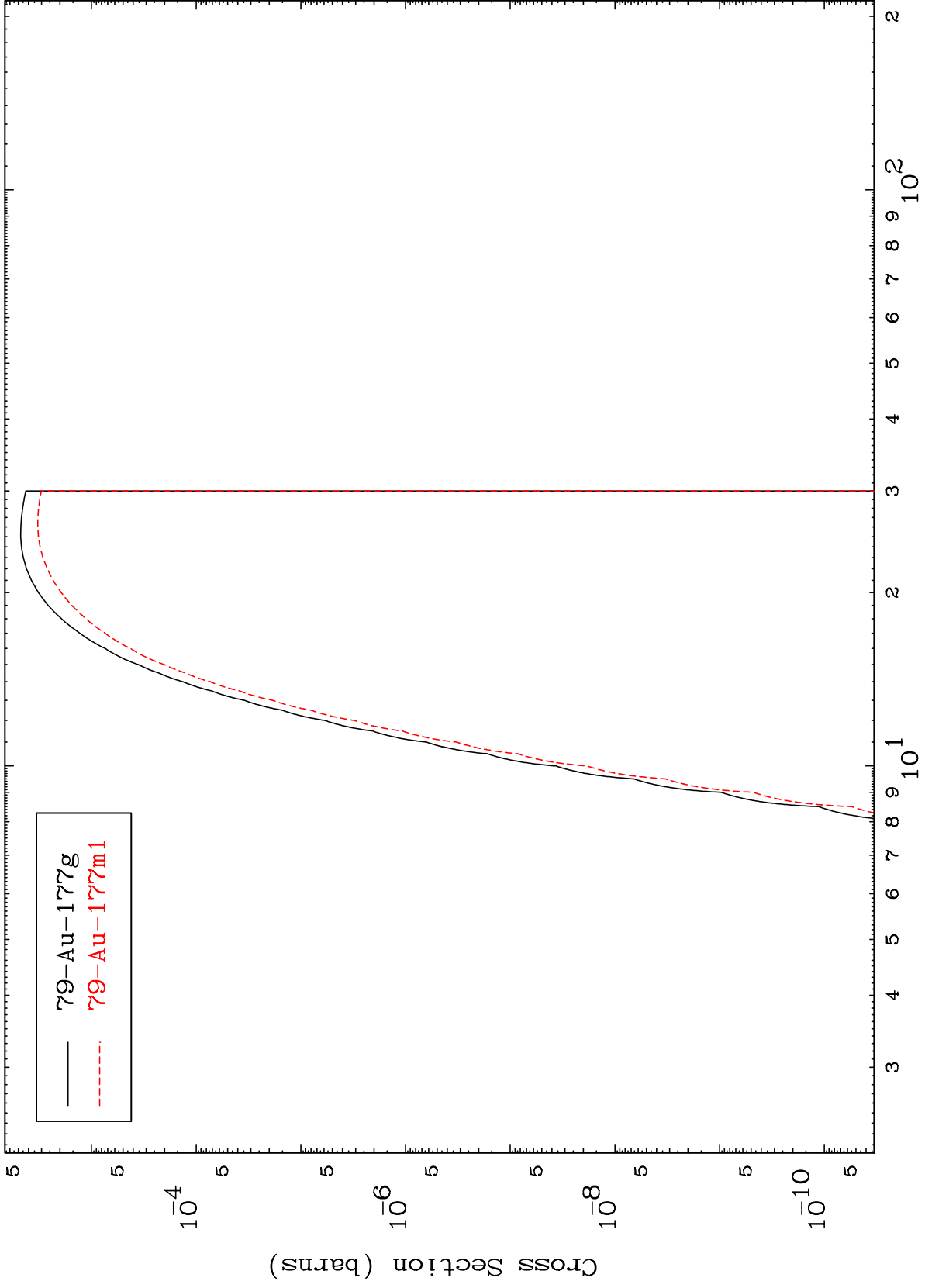
80-Hg-179



MAT 7974

80-Hg-179

(n, t)  
Radionuclide Production Cross Section



56

Incident Energy (MeV)

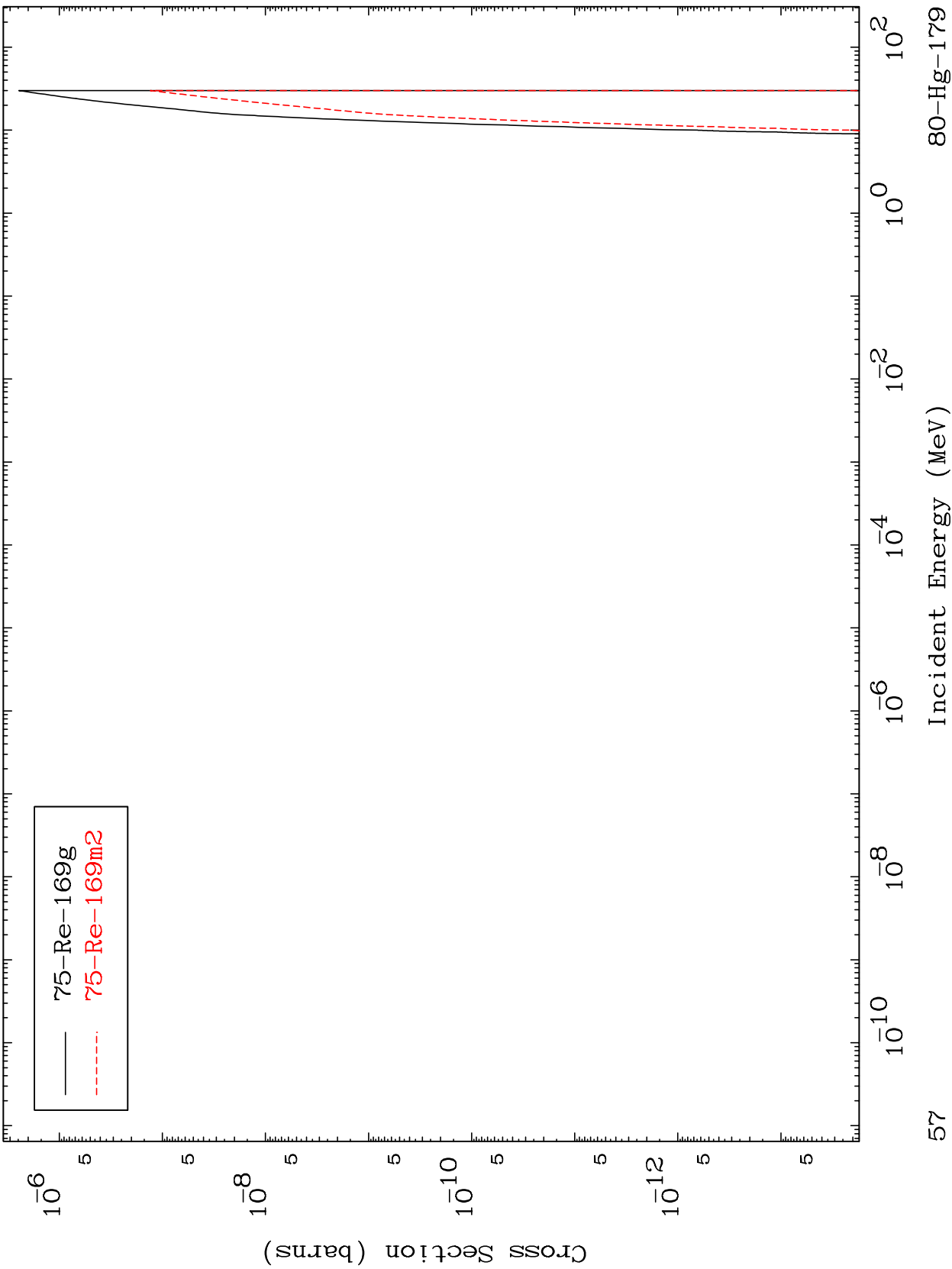
80-Hg-179

MAT 7974

(n,t) 2α

80-Hg-179

Radionuclide Production Cross Section



MAT 7974

(n,d)  $\alpha$

80-Hg-179

Radionuclide Production Cross Section

