

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

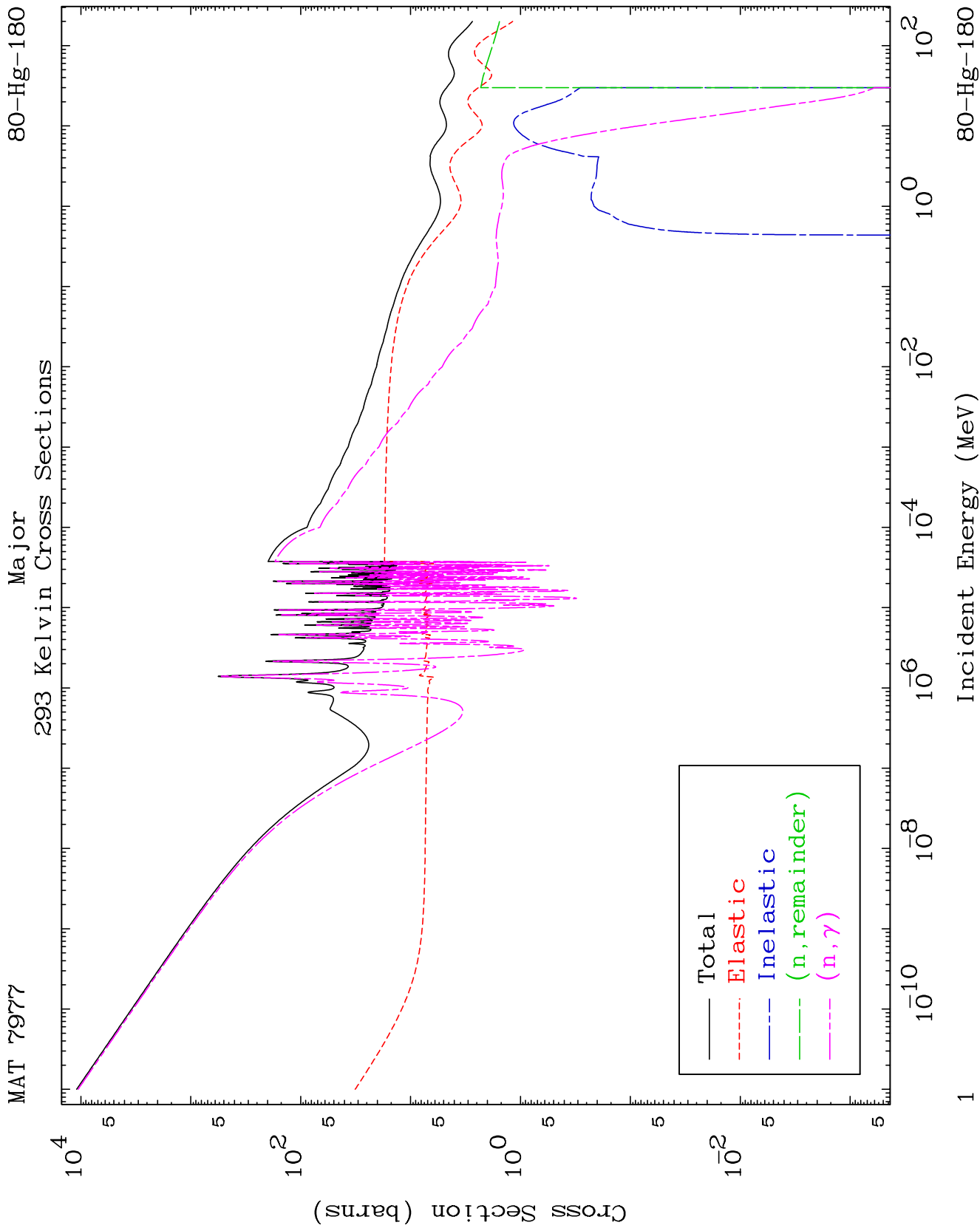
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

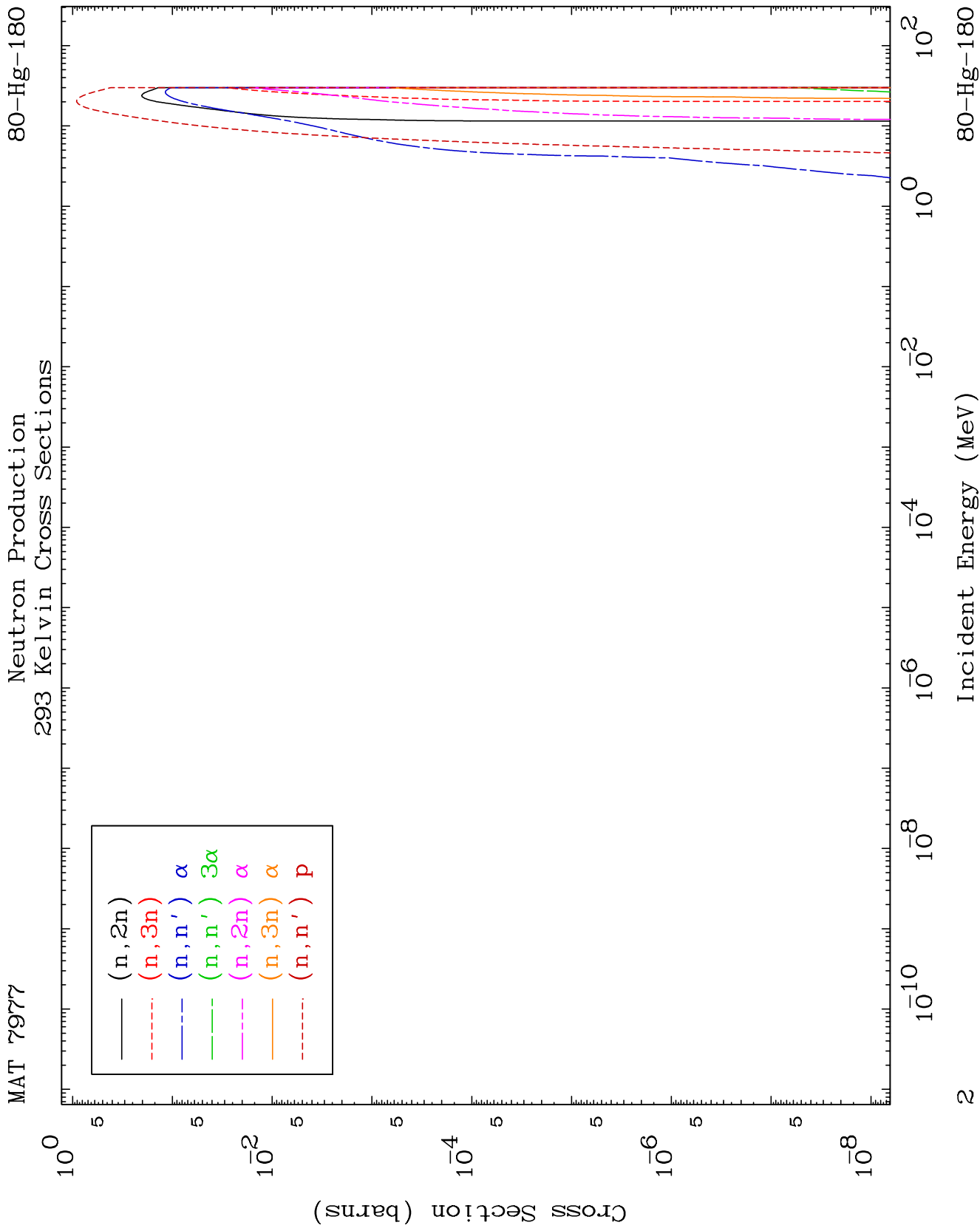
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

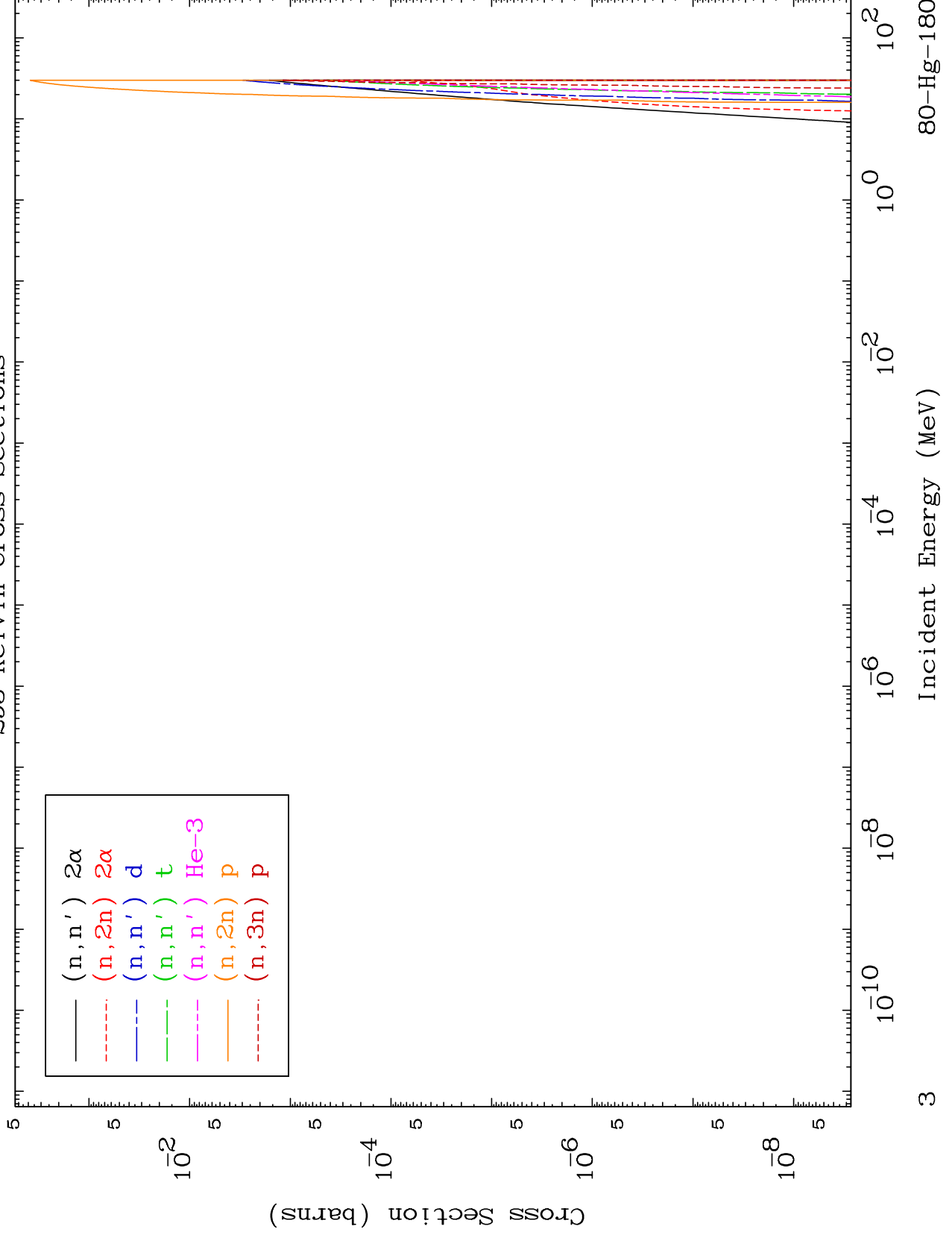




MAT 7977

Neutron Production
293 Kelvin Cross Sections

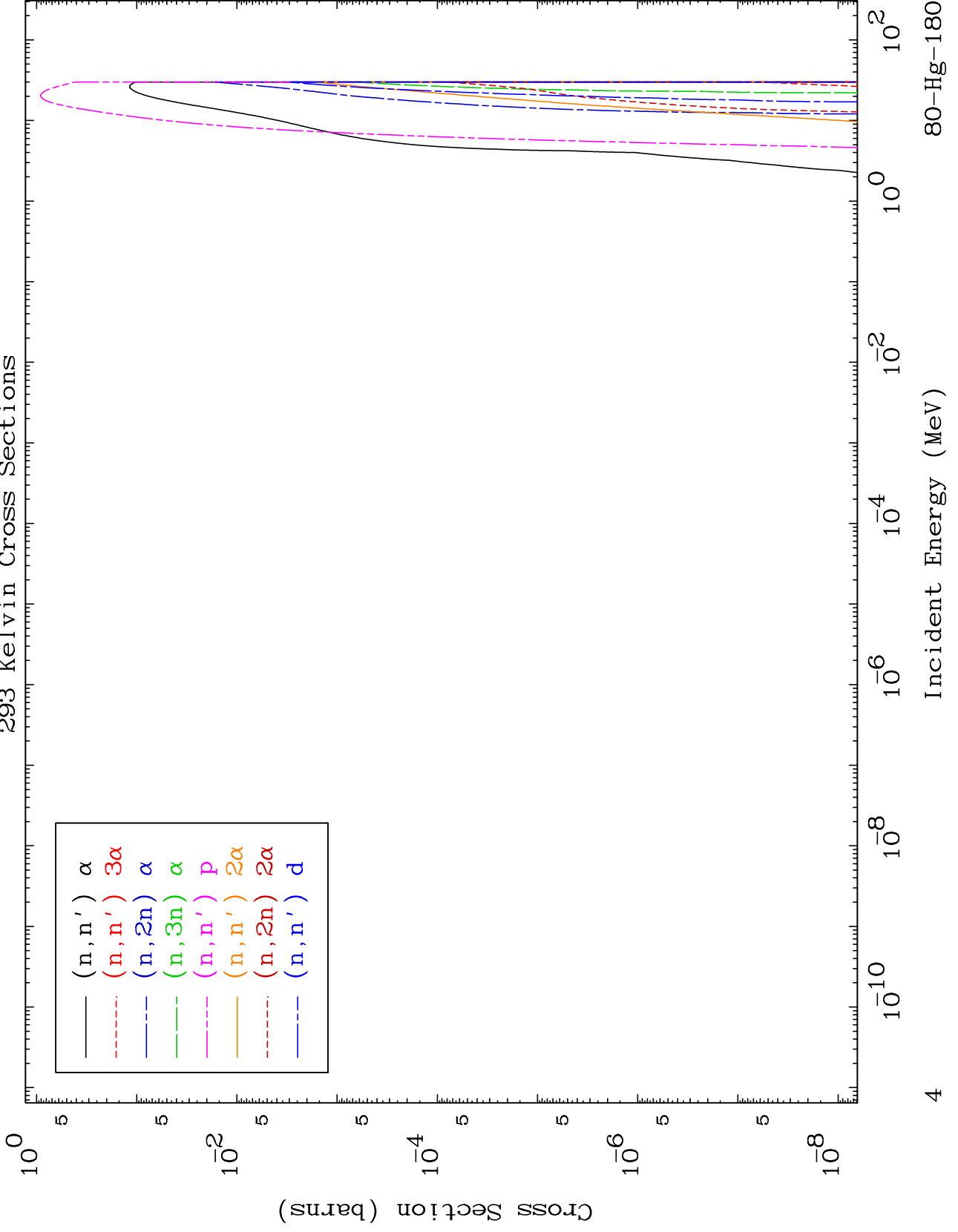
80-Hg-180



MAT 7977

Charged Particle
293 Kelvin Cross Sections

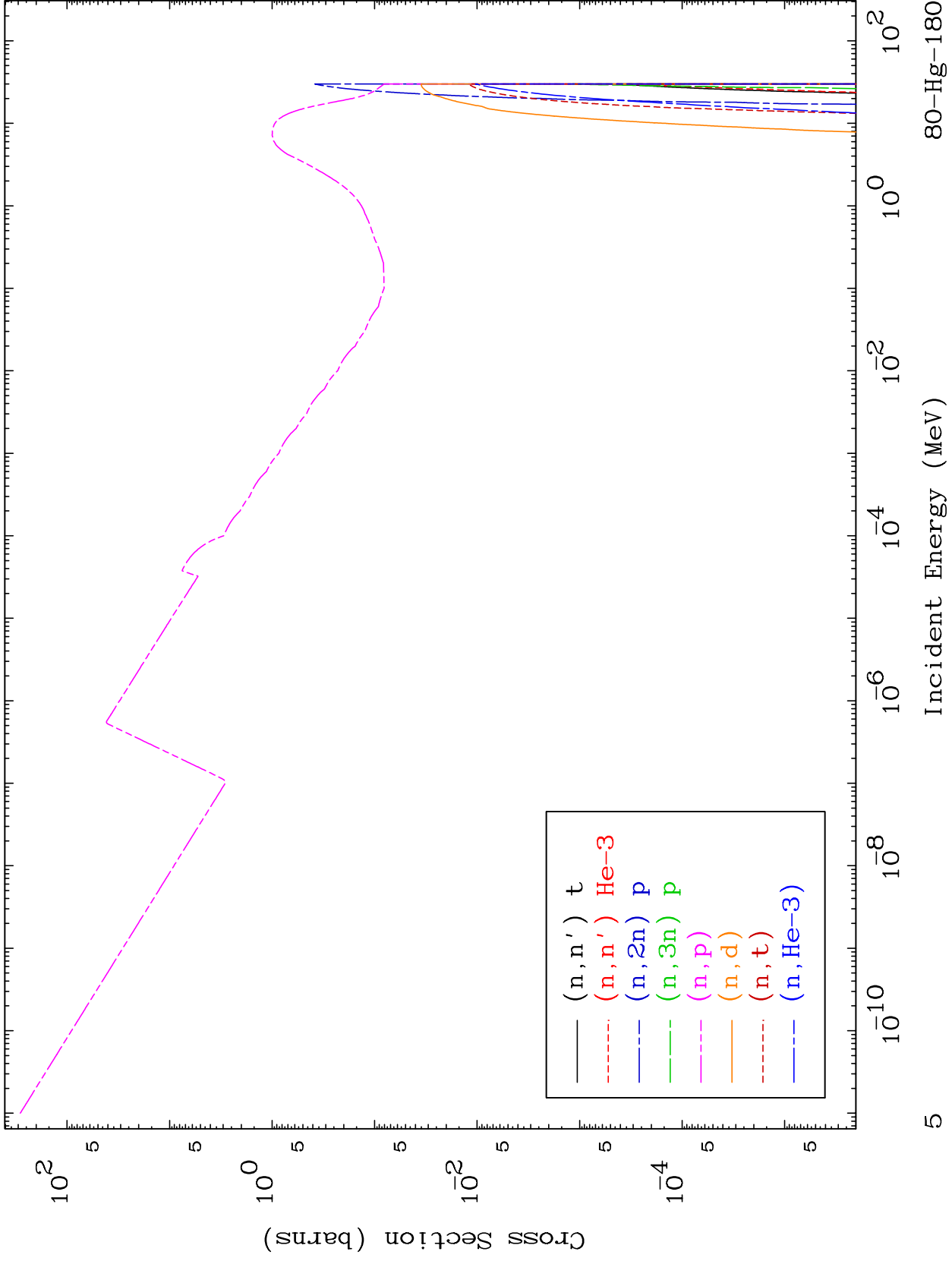
80-Hg-180



MAT 7977

Charged Particle
293 Kelvin Cross Sections

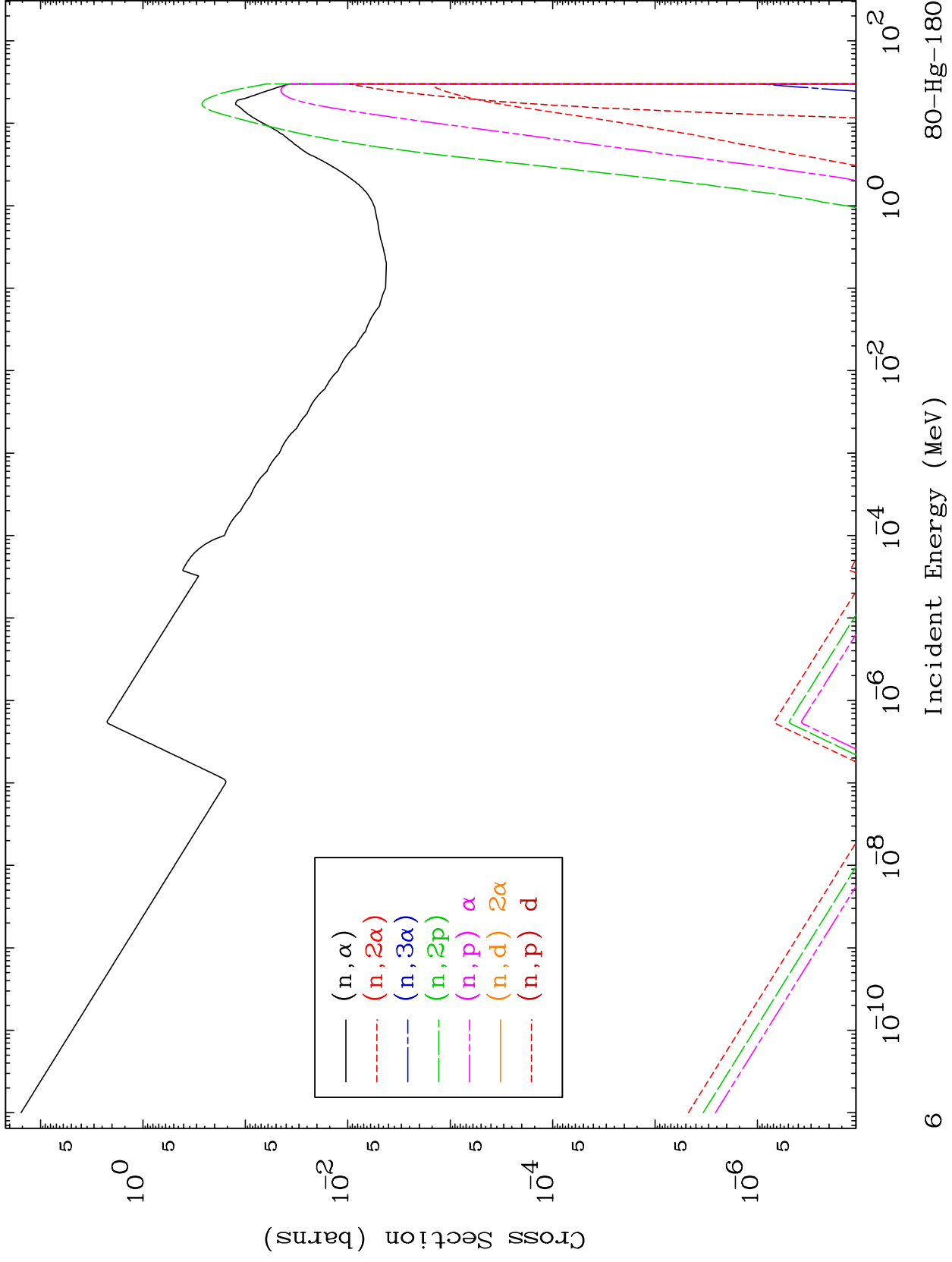
80-Hg-180



MAT 7977

Charged Particle
293 Kelvin Cross Sections

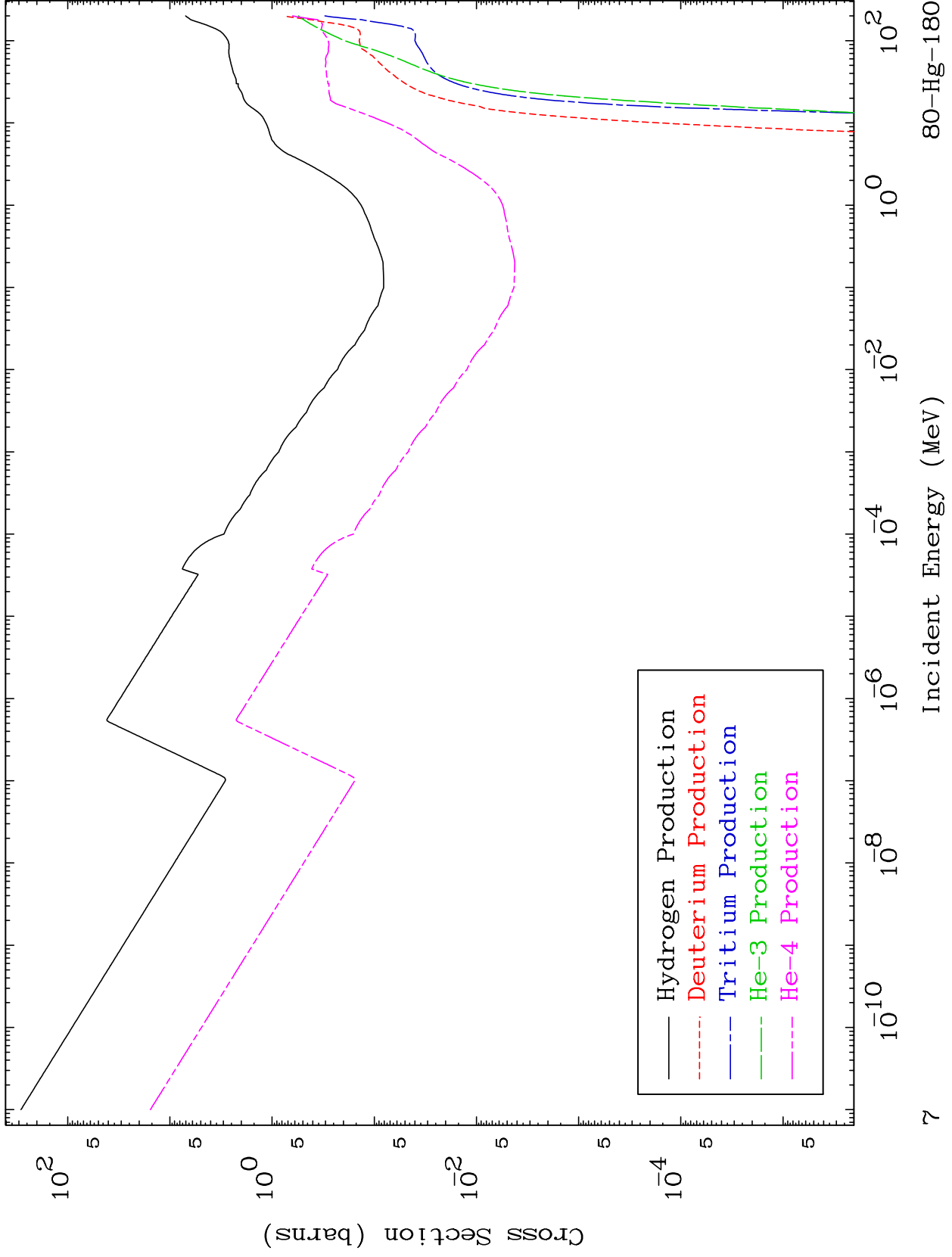
80-Hg-180



MAT 7977

Particle Production
293 Kelvin Cross Sections

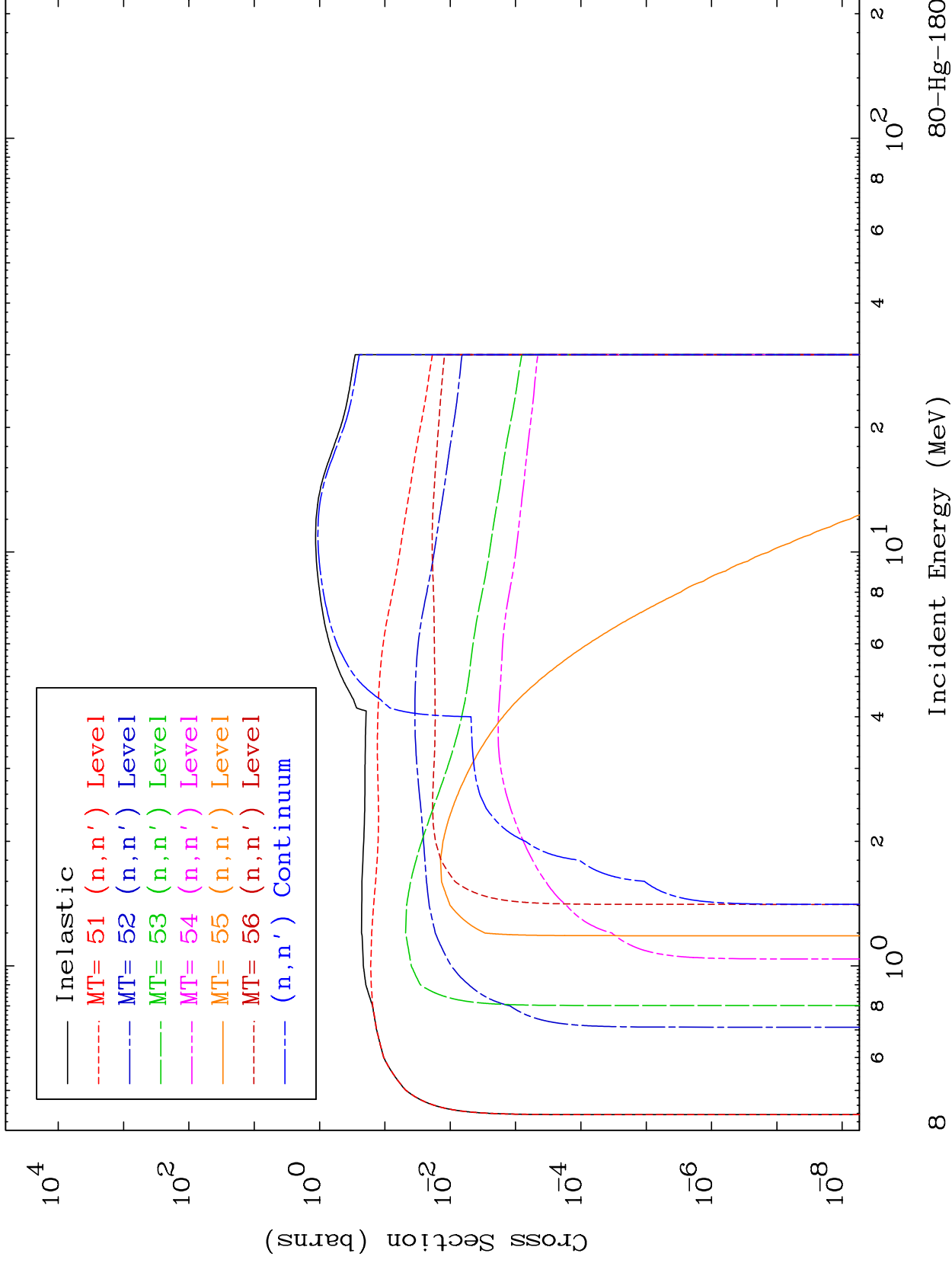
80-Hg-180



MAT 7977

293 Kelvin Cross Sections

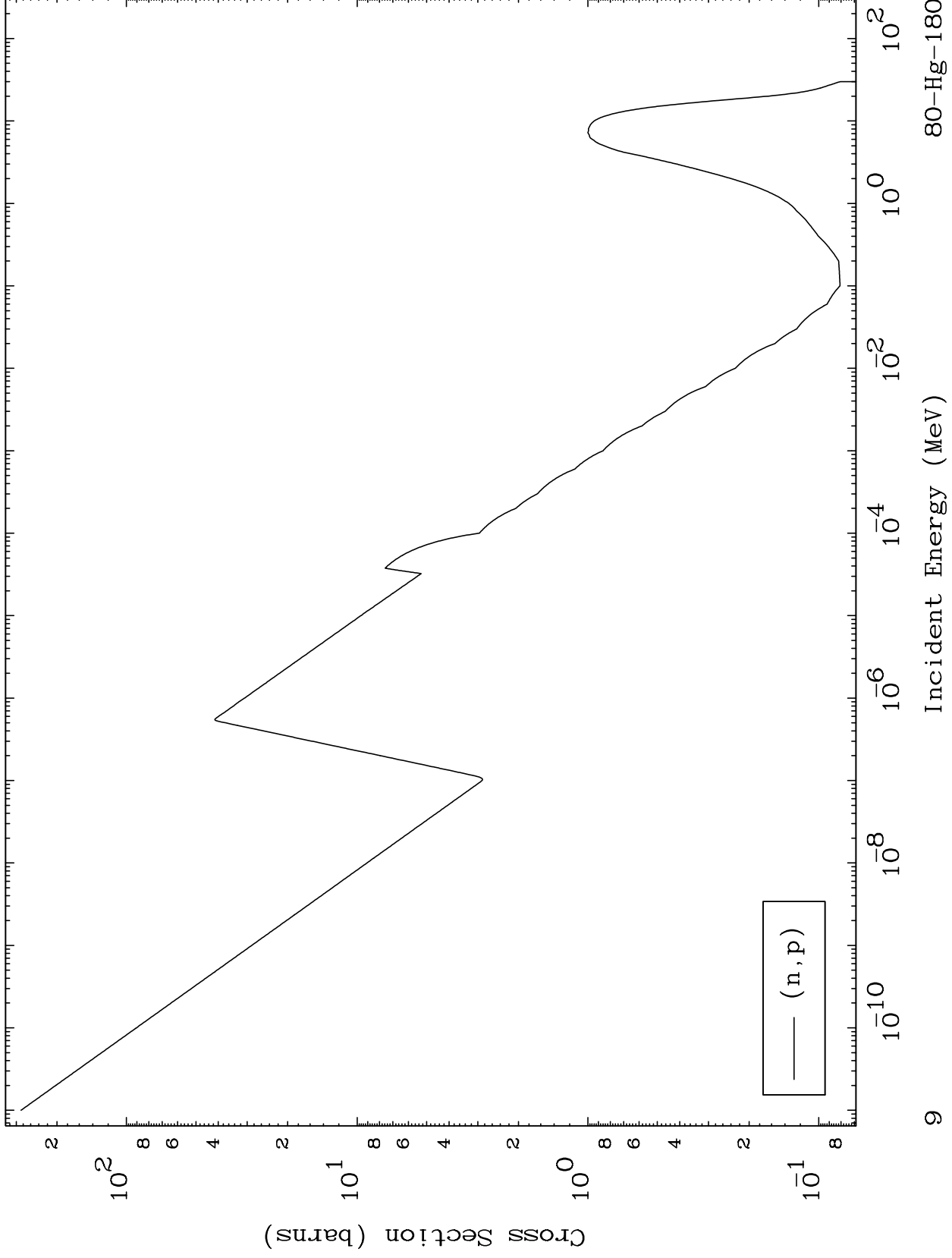
80-Hg-180



MAT 7977

(n,p) Levels
293 Kelvin Cross Sections

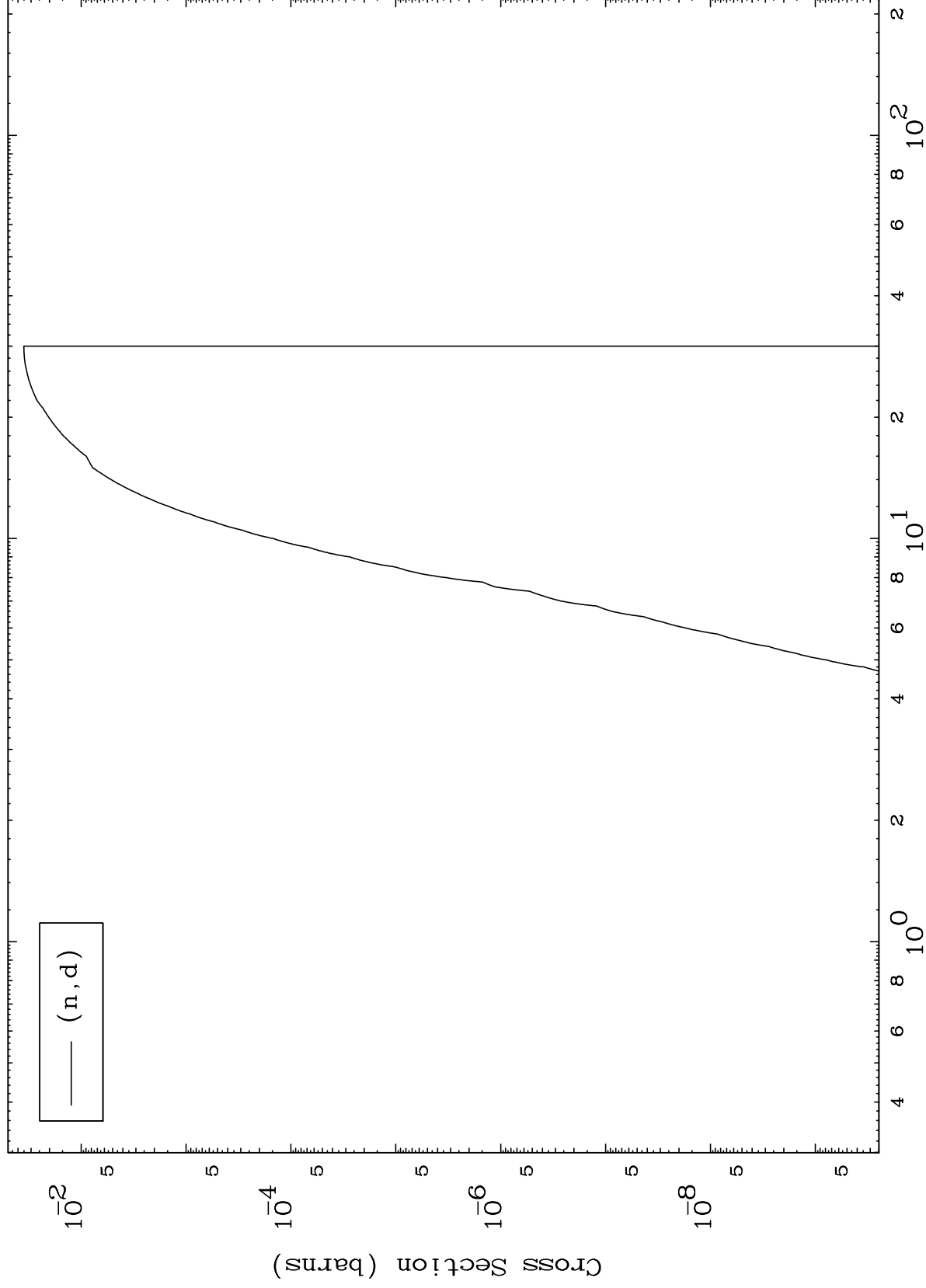
80-Hg-180



MAT 7977

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-180



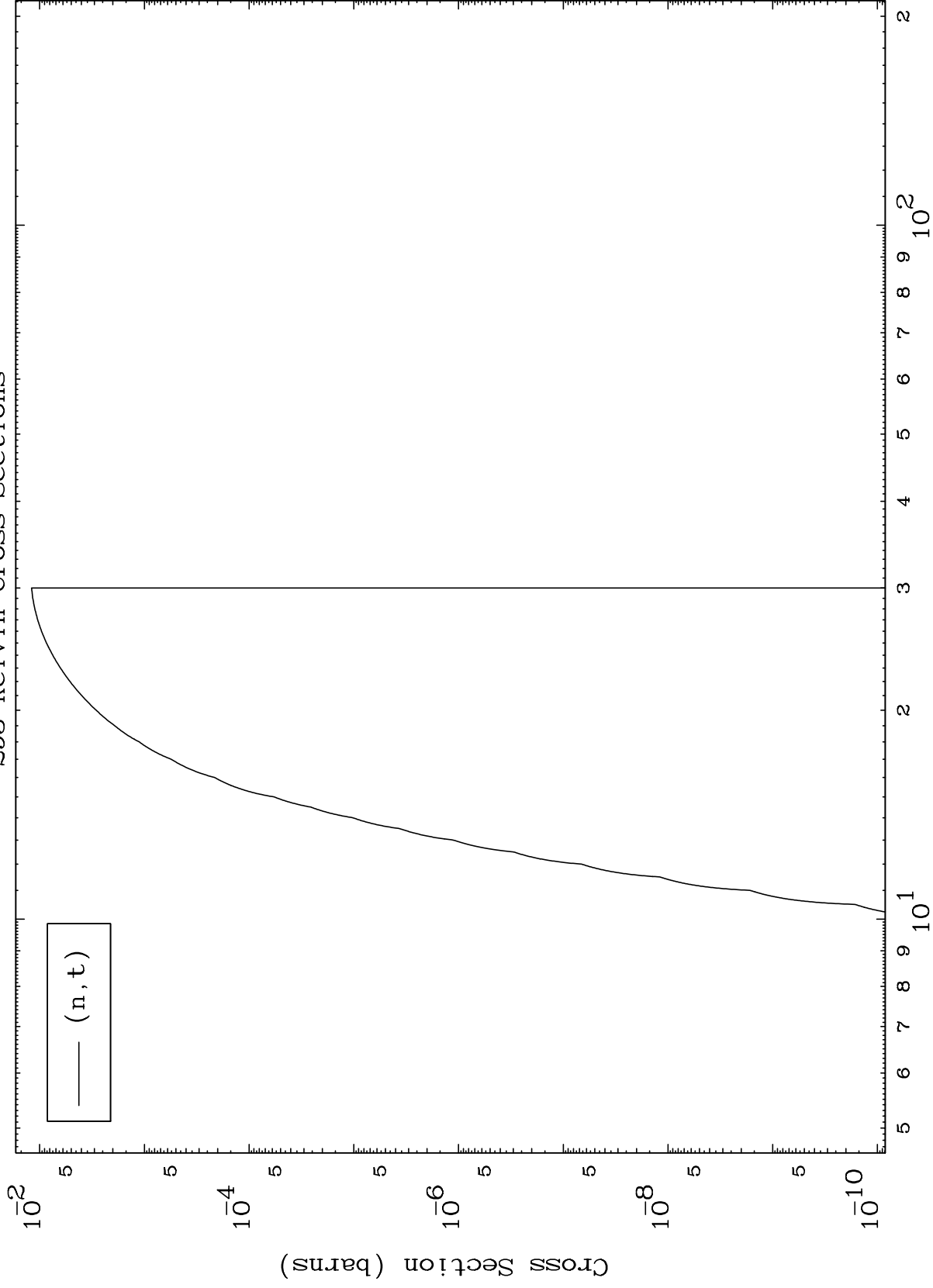
Incident Energy (MeV)

80-Hg-180

MAT 7977

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-180



11

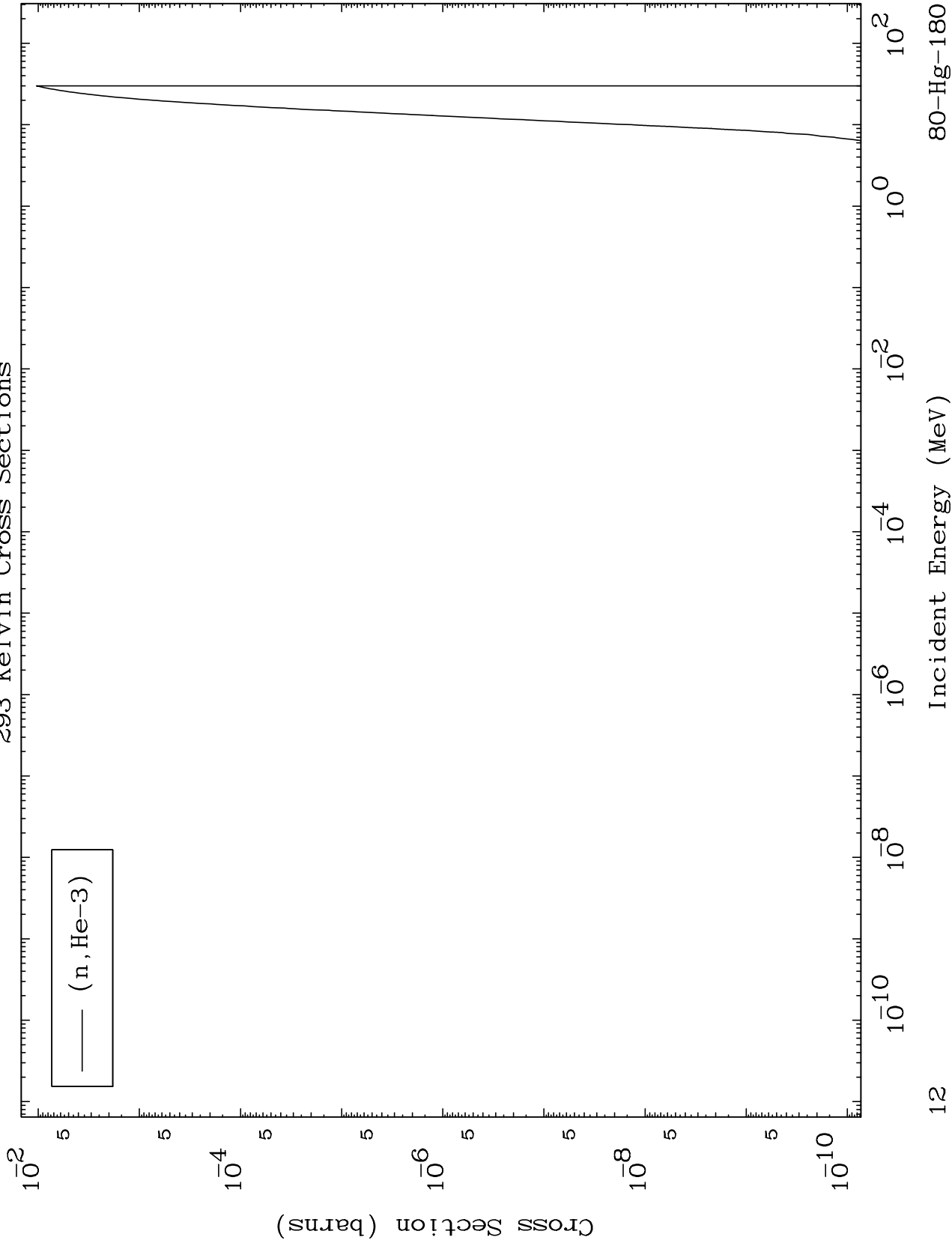
Incident Energy (MeV)

80-Hg-180

MAT 7977

(n,He3) Levels
293 Kelvin Cross Sections

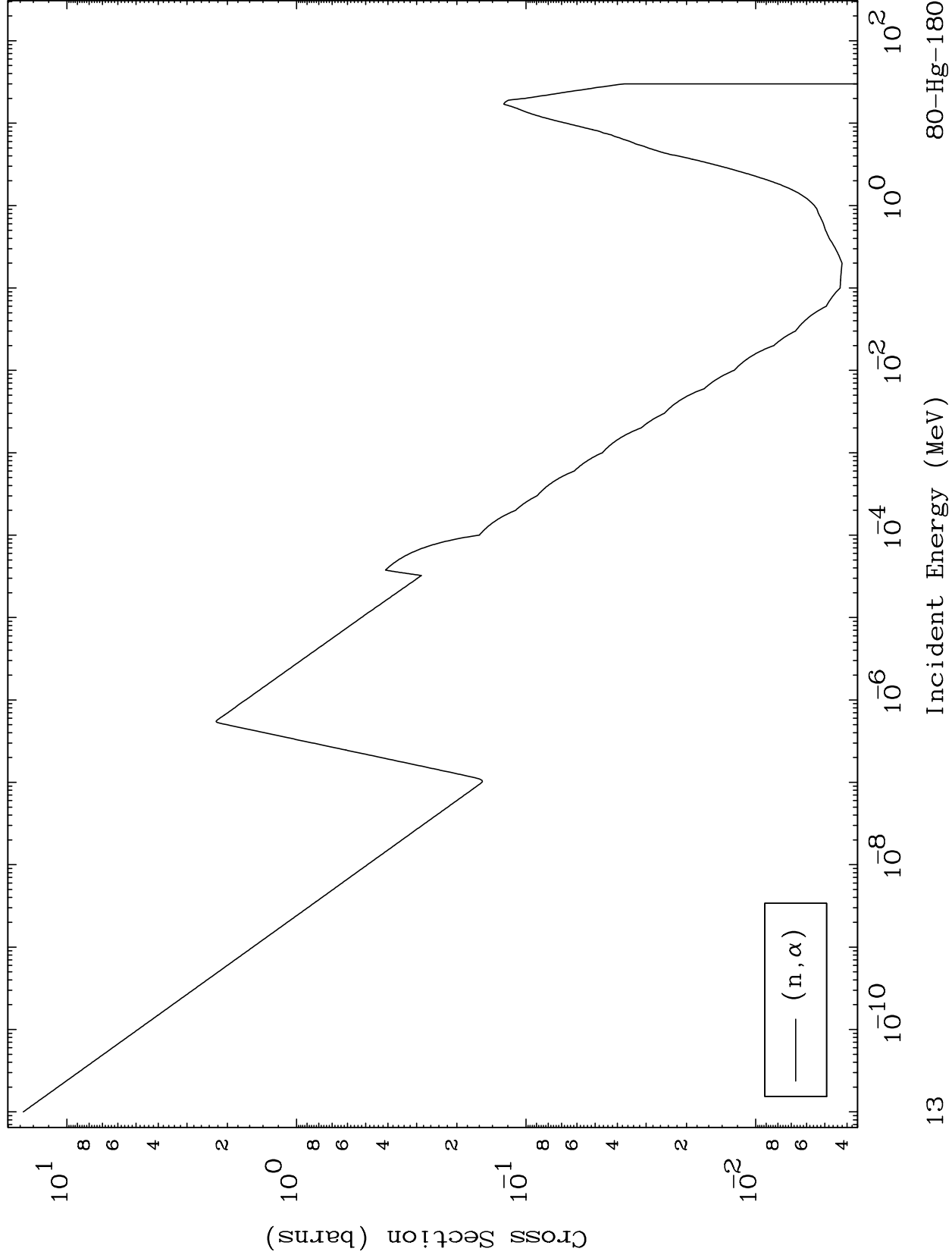
80-Hg-180

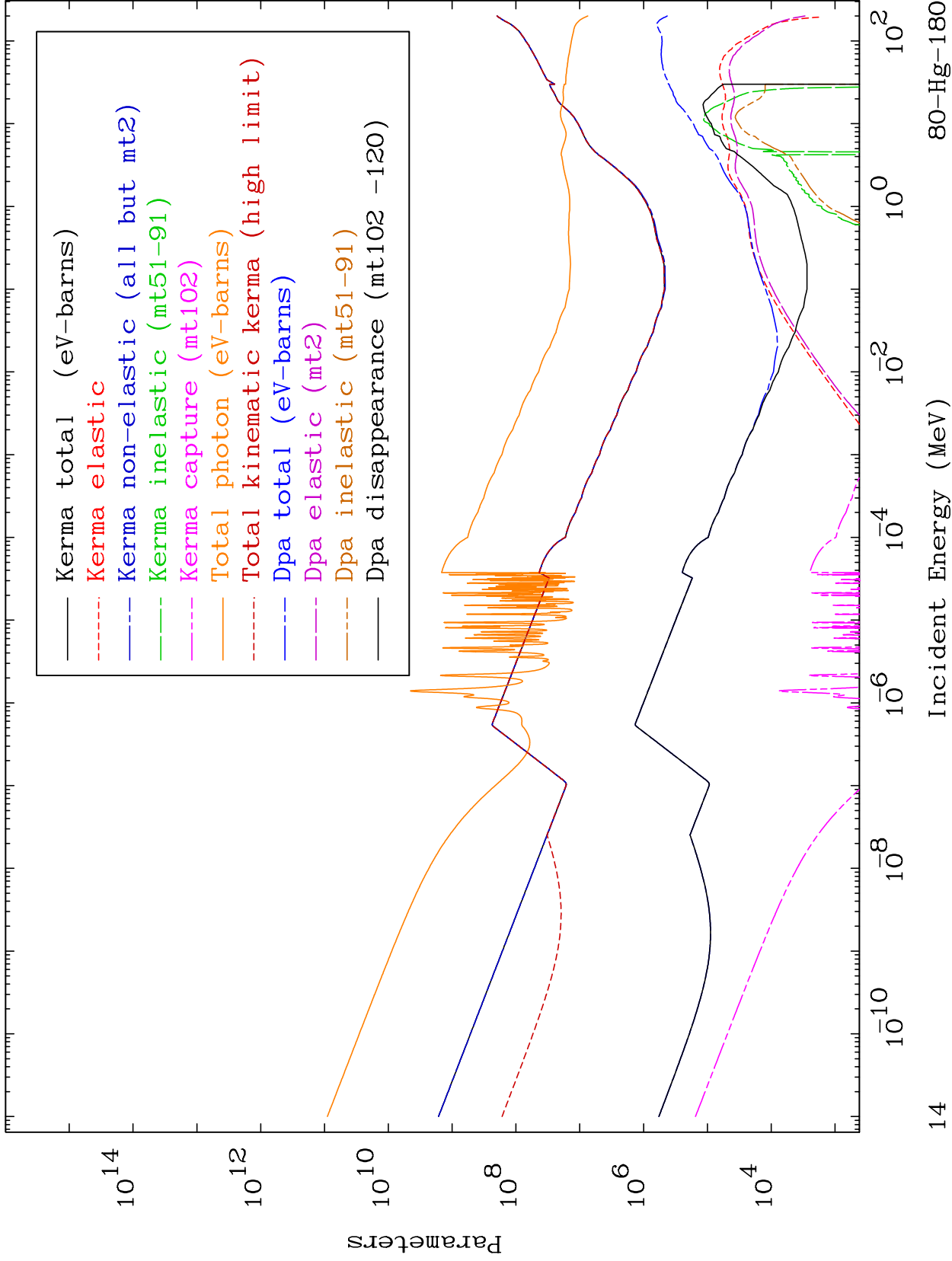


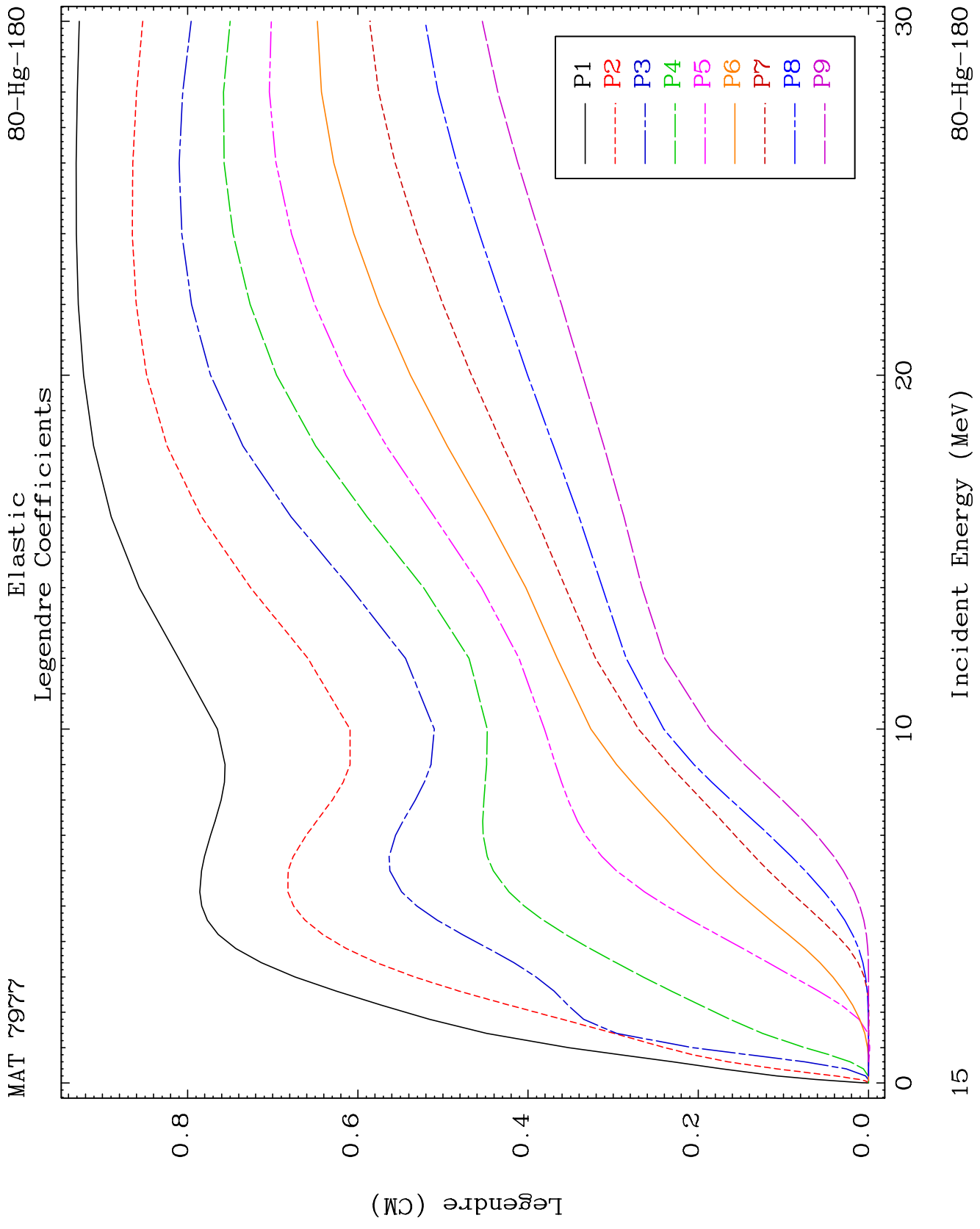
MAT 7977

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-180



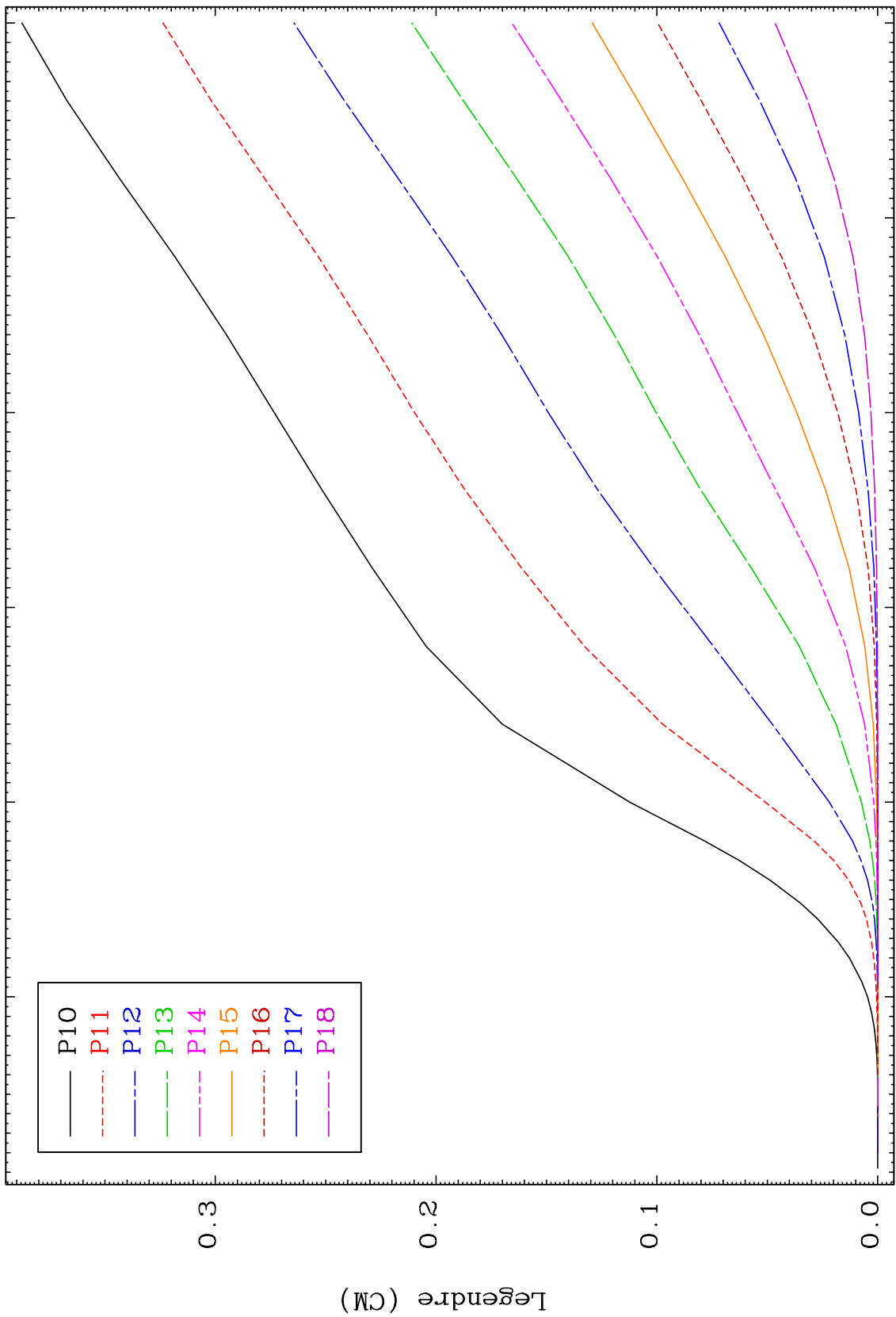




MAT 7977

Elastic Legendre Coefficients

80-Hg-180



16

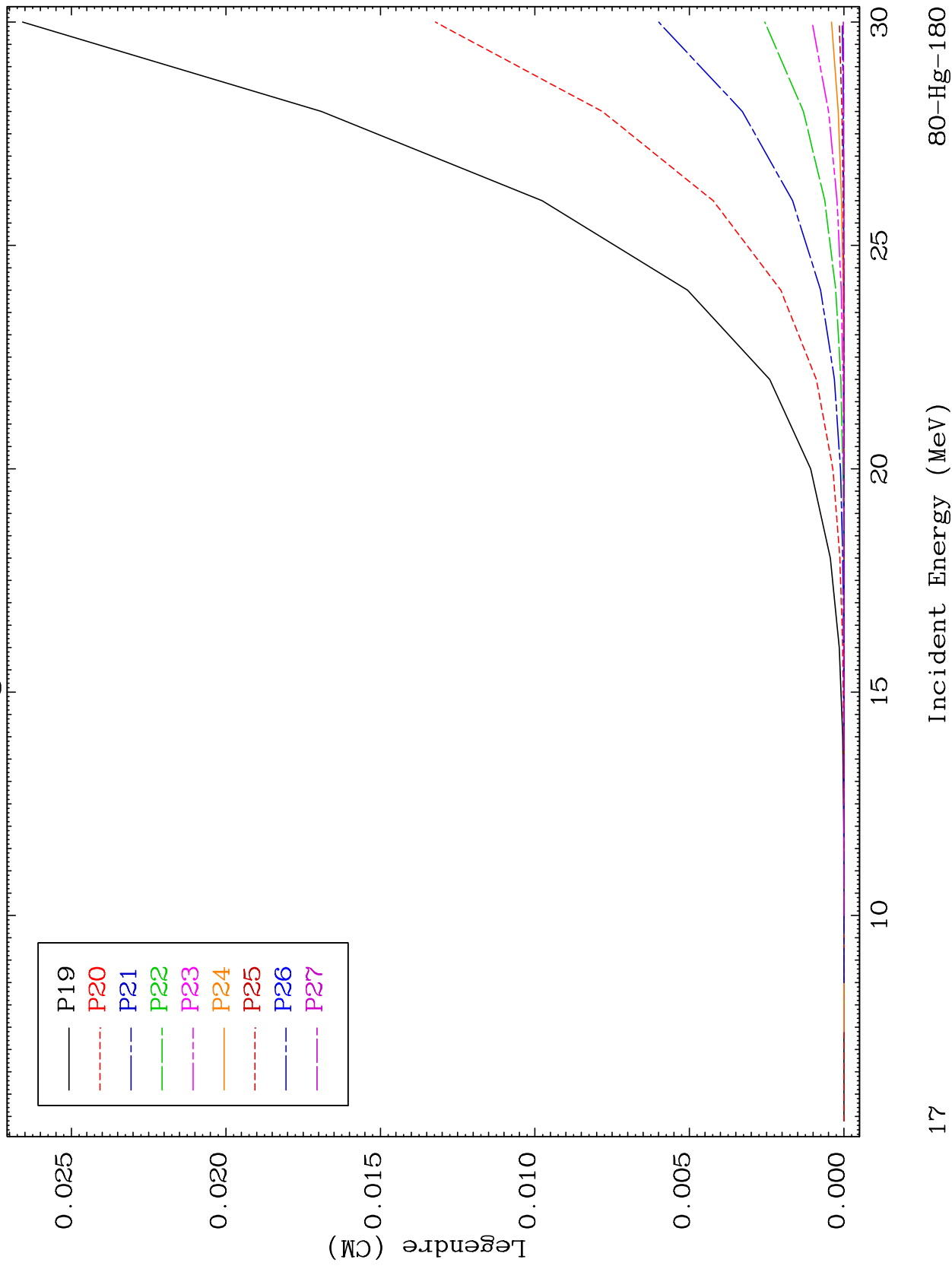
Incident Energy (MeV)

80-Hg-180

MAT 7977

Elastic
Legendre Coefficients

80-Hg-180

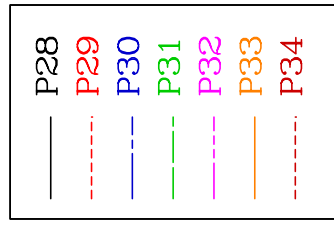


17

MAT 7977

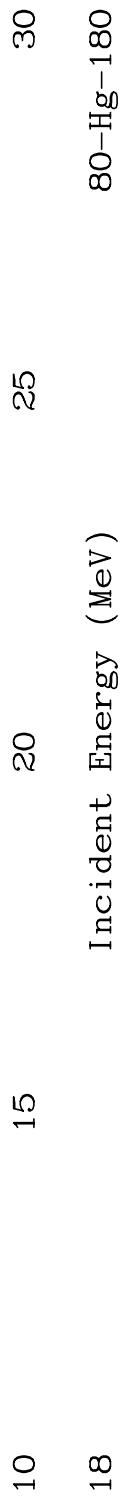
Elastic Legendre Coefficients

80-Hg-180



$\times 10^{-6}$
6
4
2
0

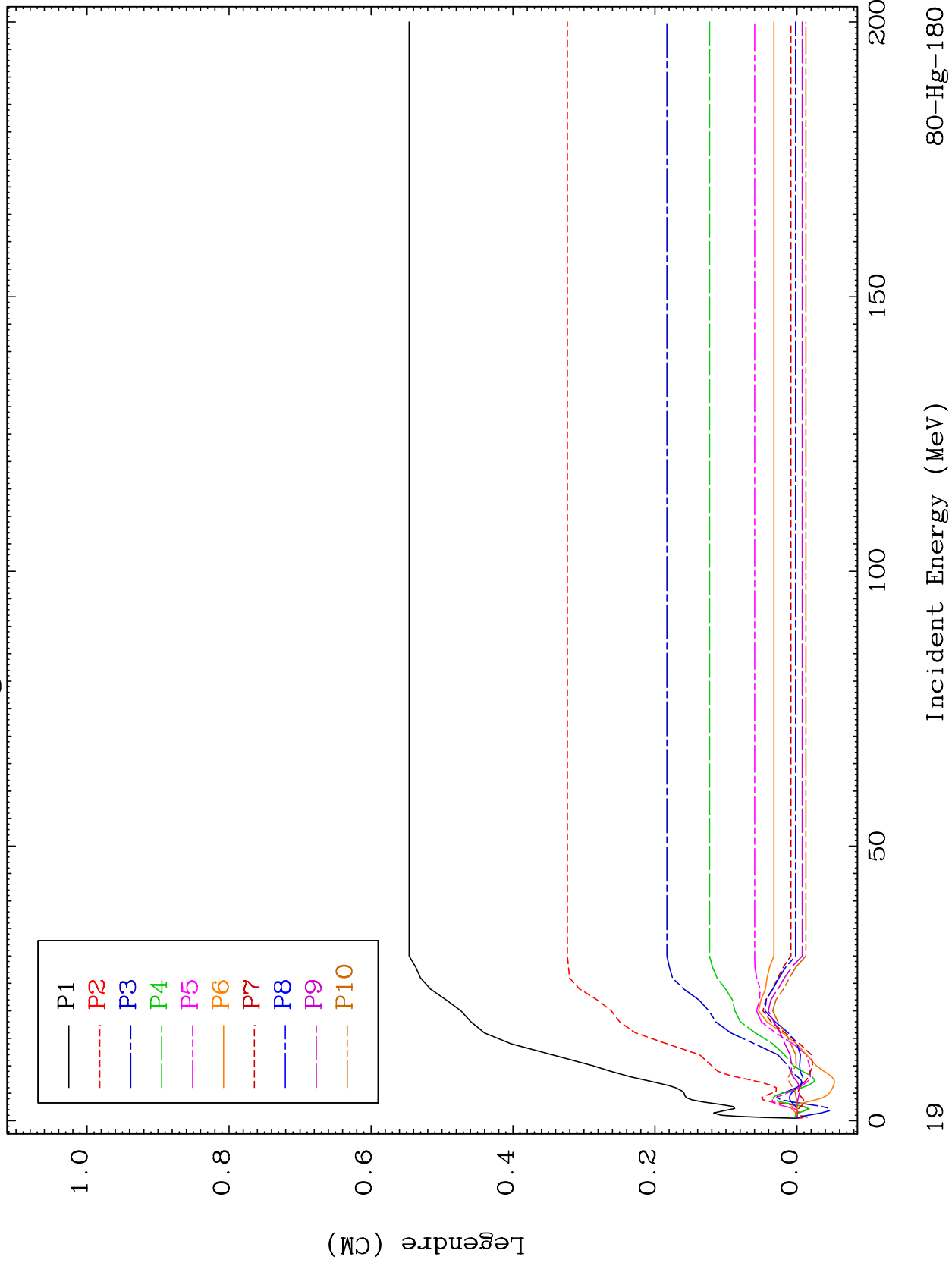
Legendre (CM)



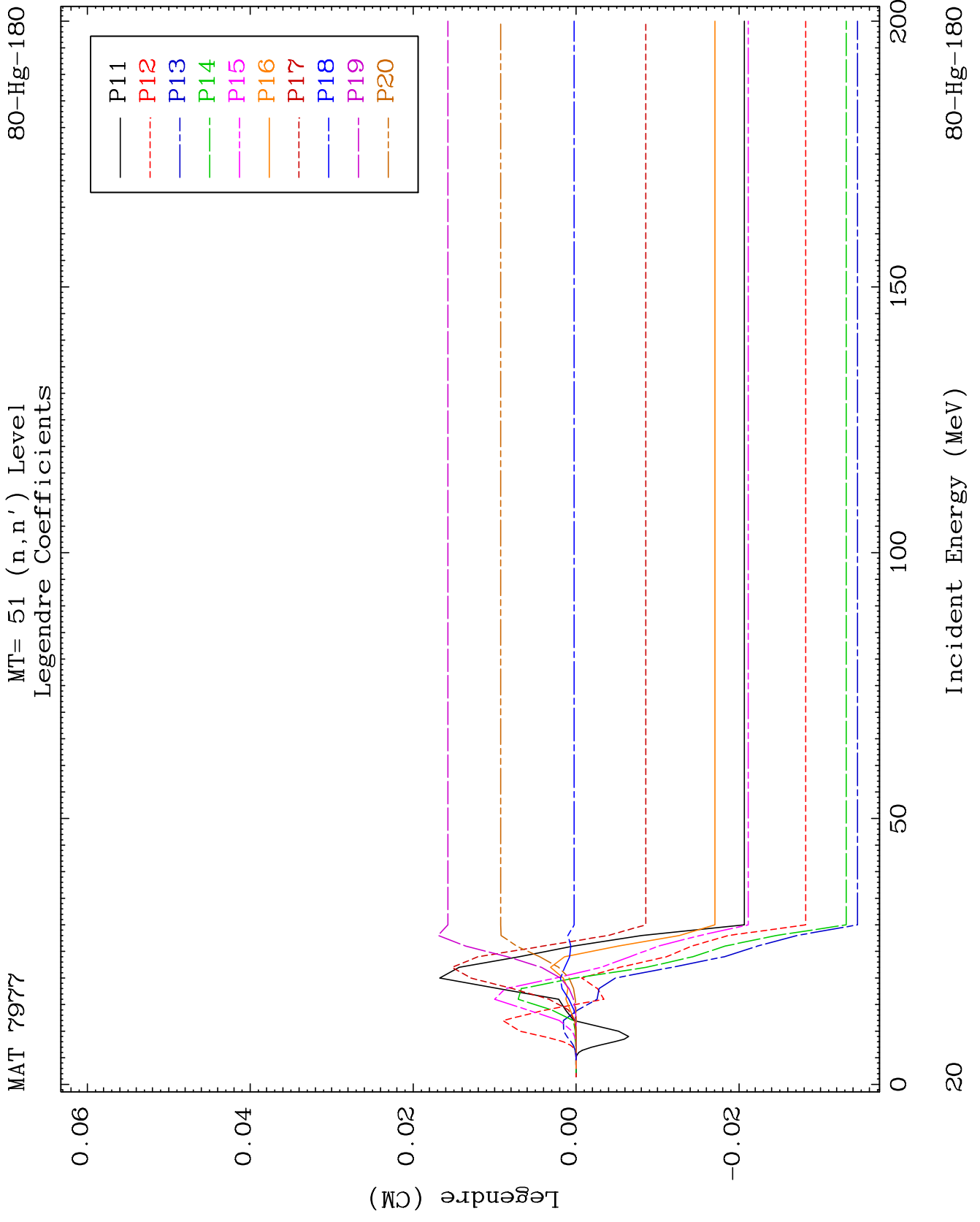
MAT 7977

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

80-Hg-180



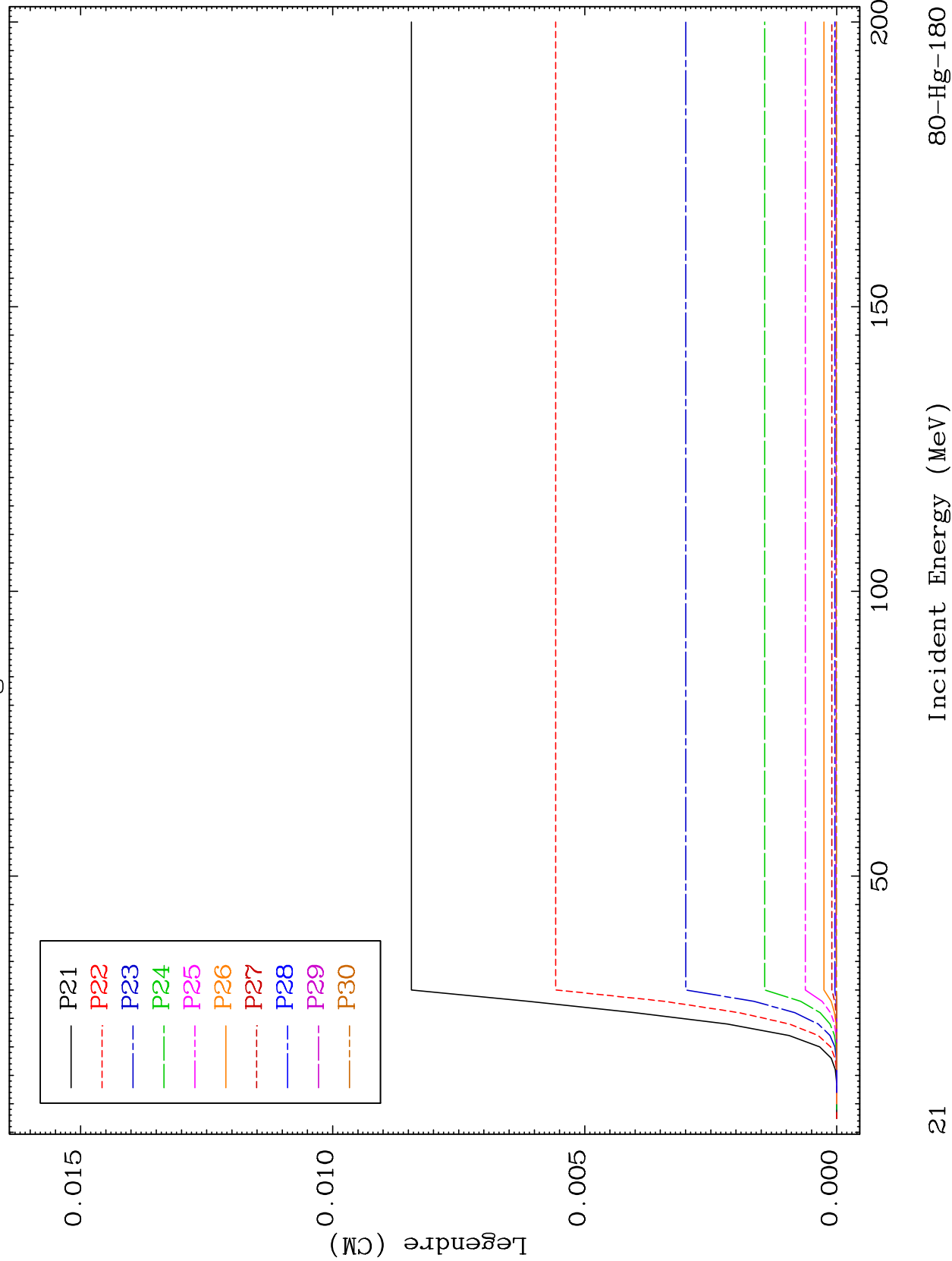
19



MAT 7977

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

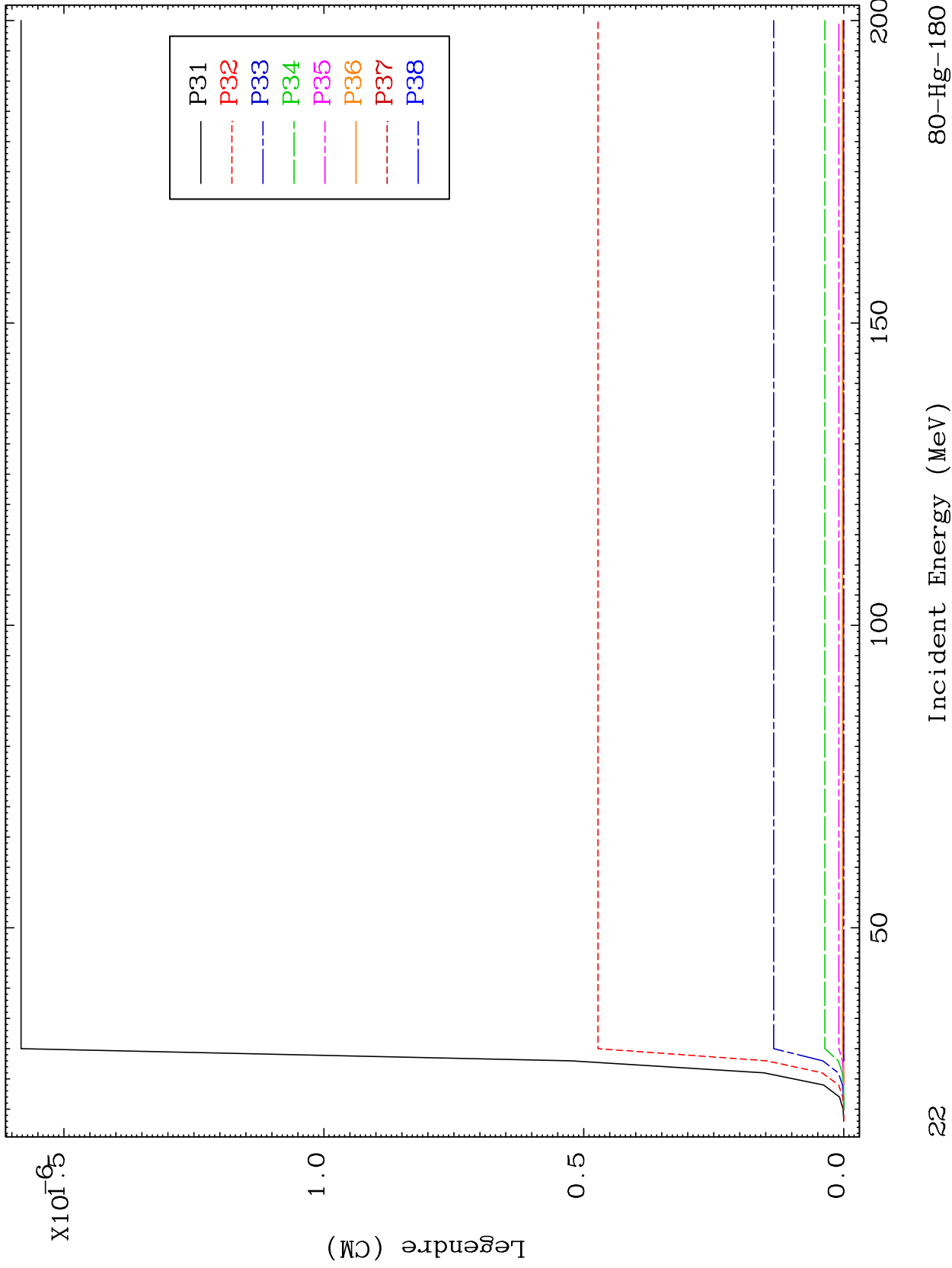
80-Hg-180



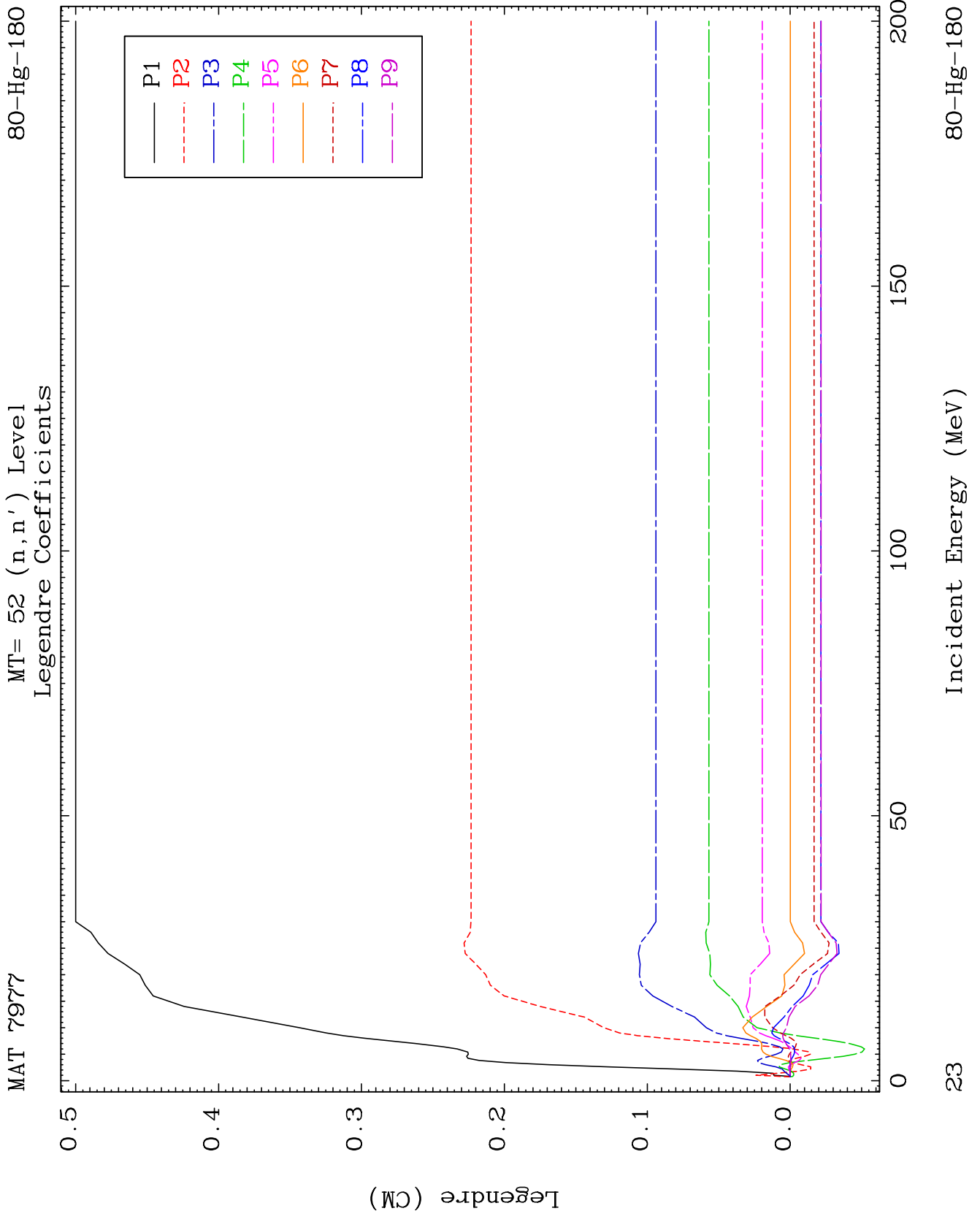
MAT 7977

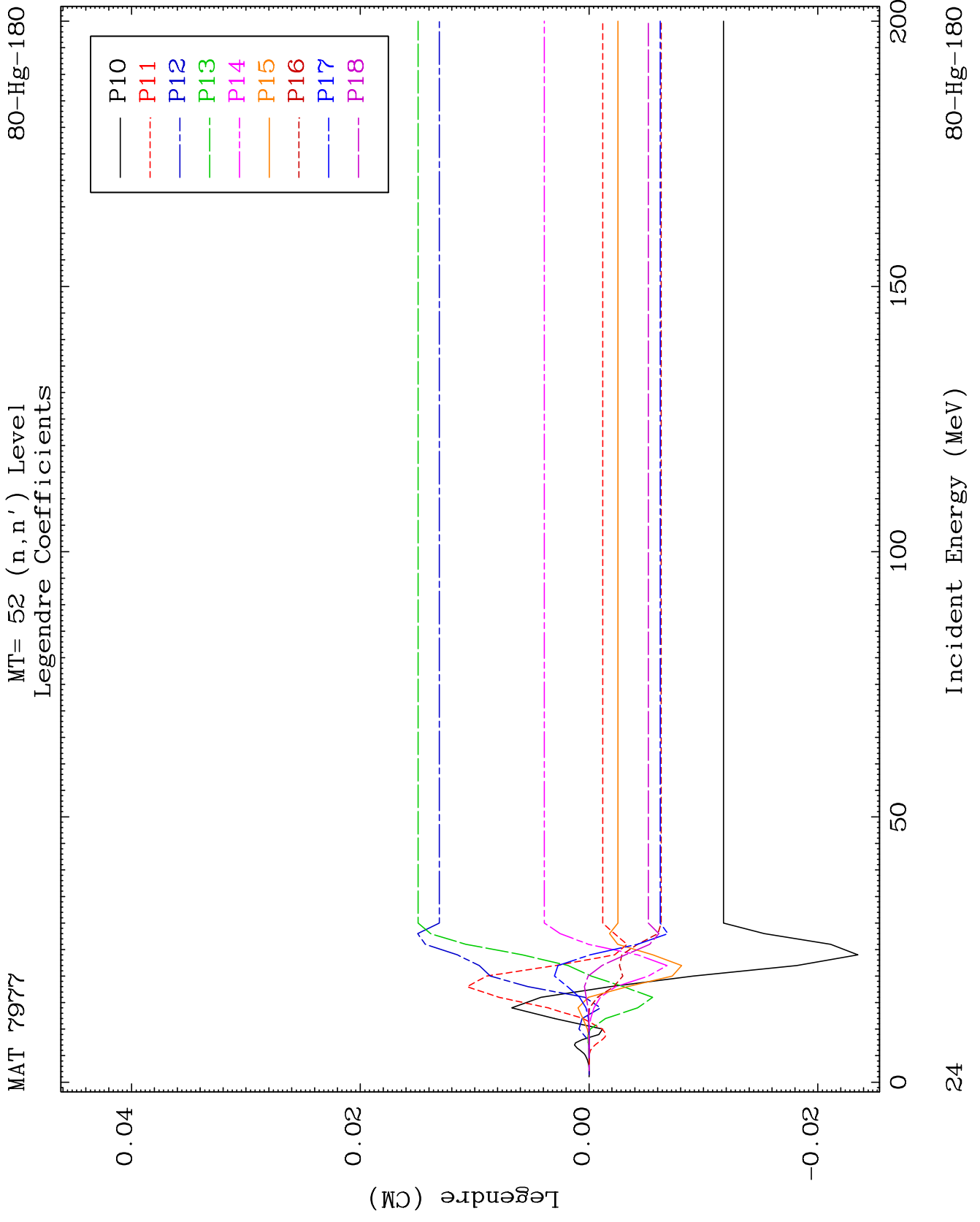
MT= 51 (n,n') Level
Legendre Coefficients

80-Hg-180



22

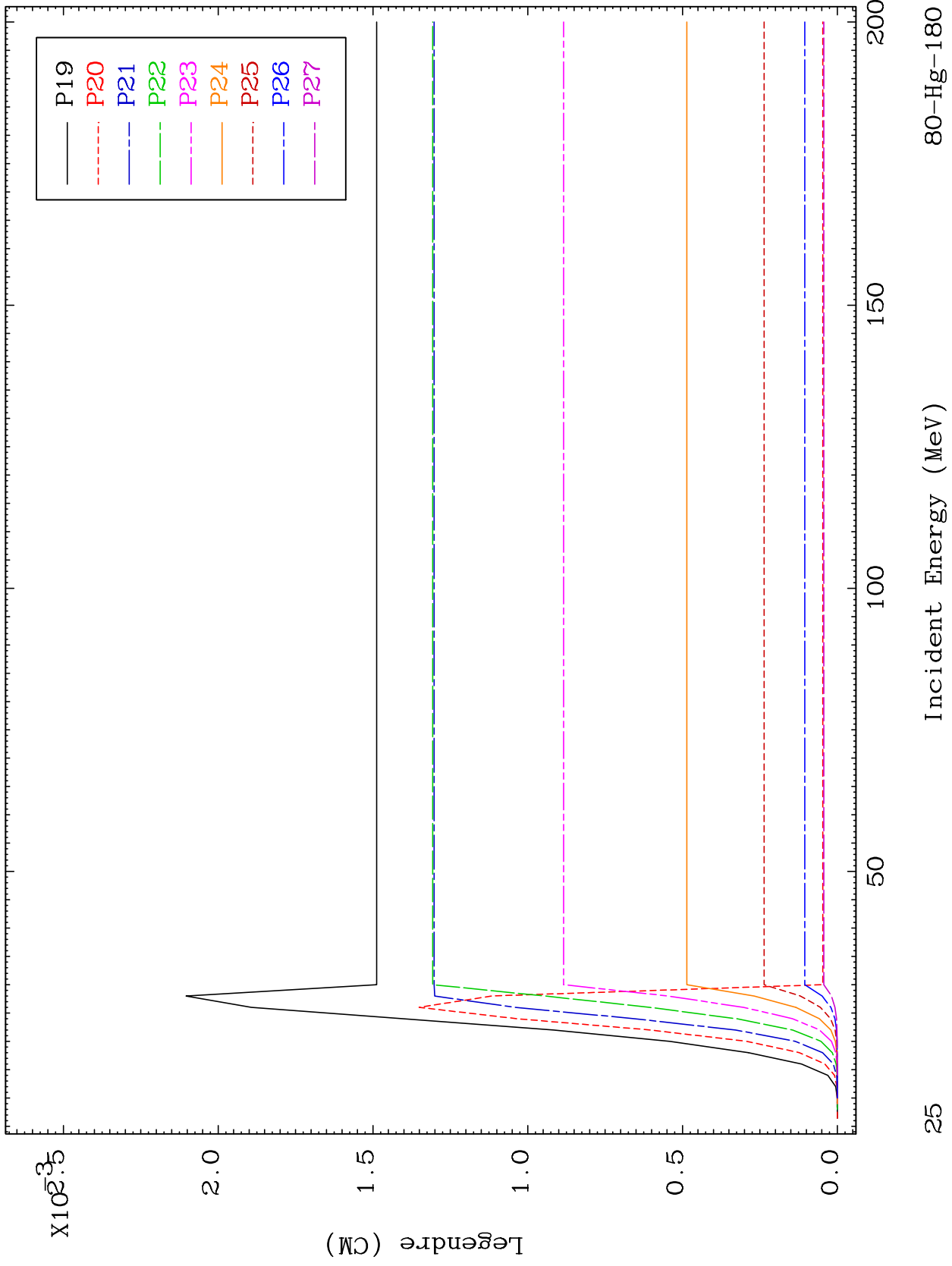




MAT 7977

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

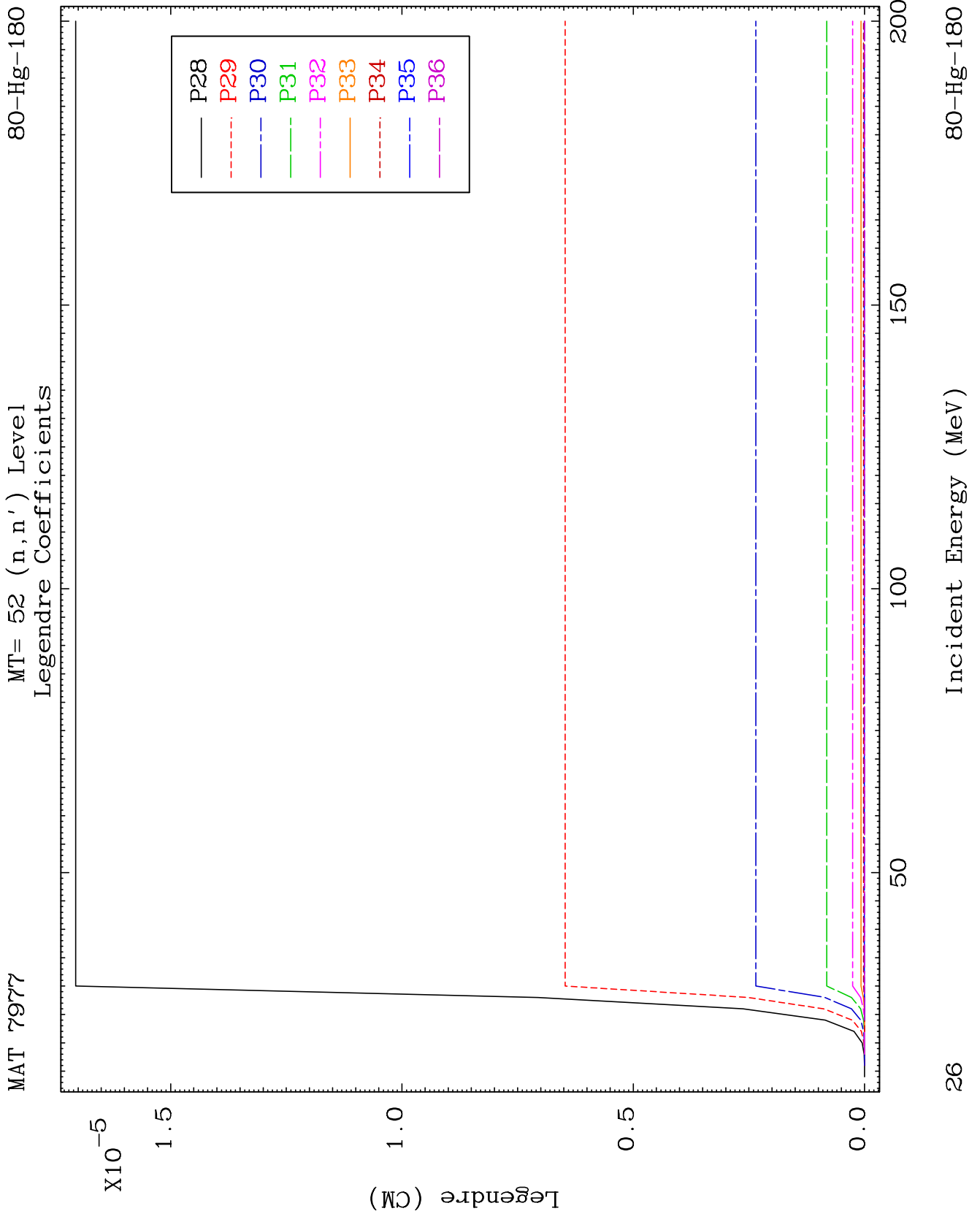
80-Hg-180



25

Incident Energy (MeV)

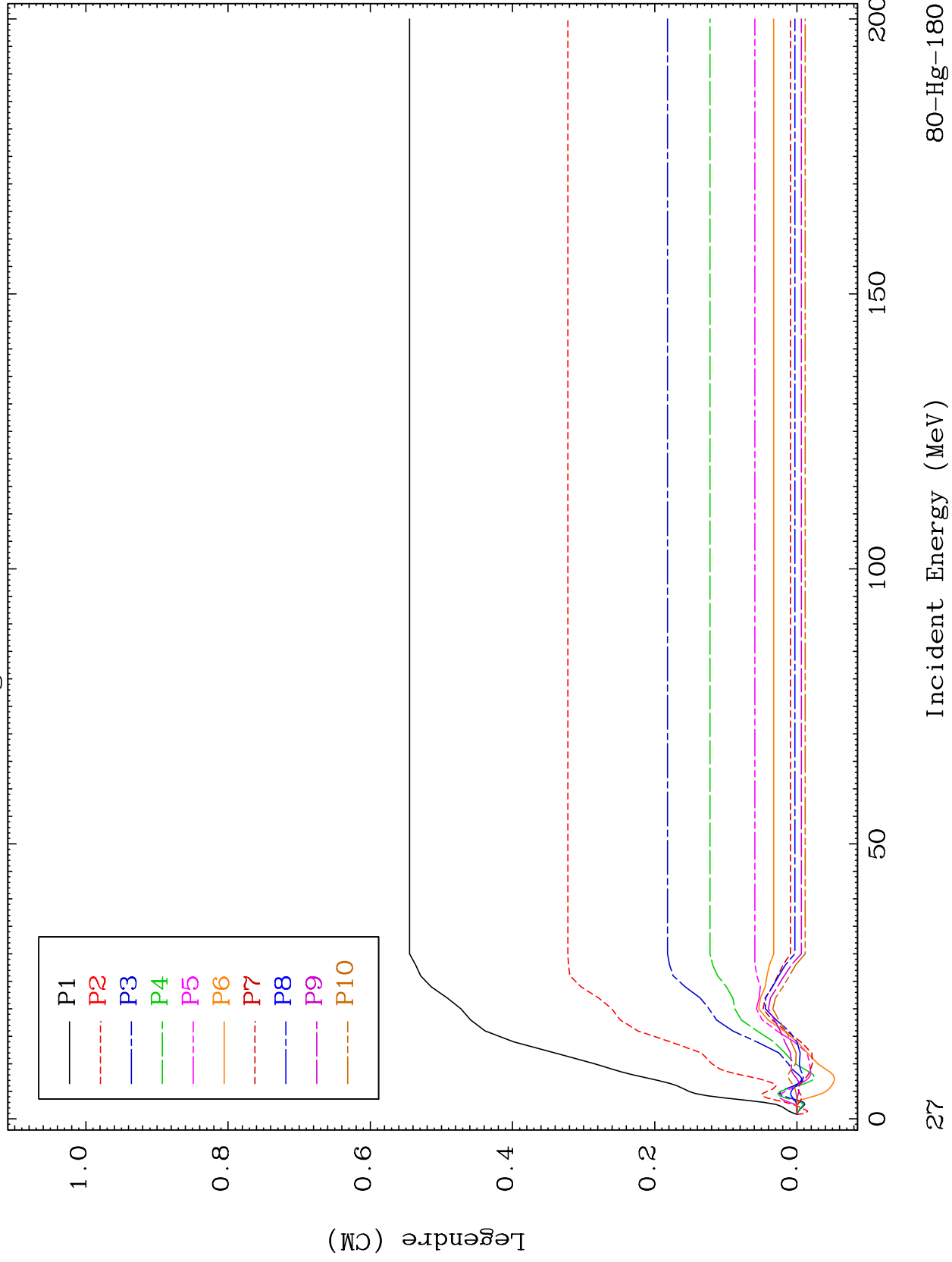
80-Hg-180

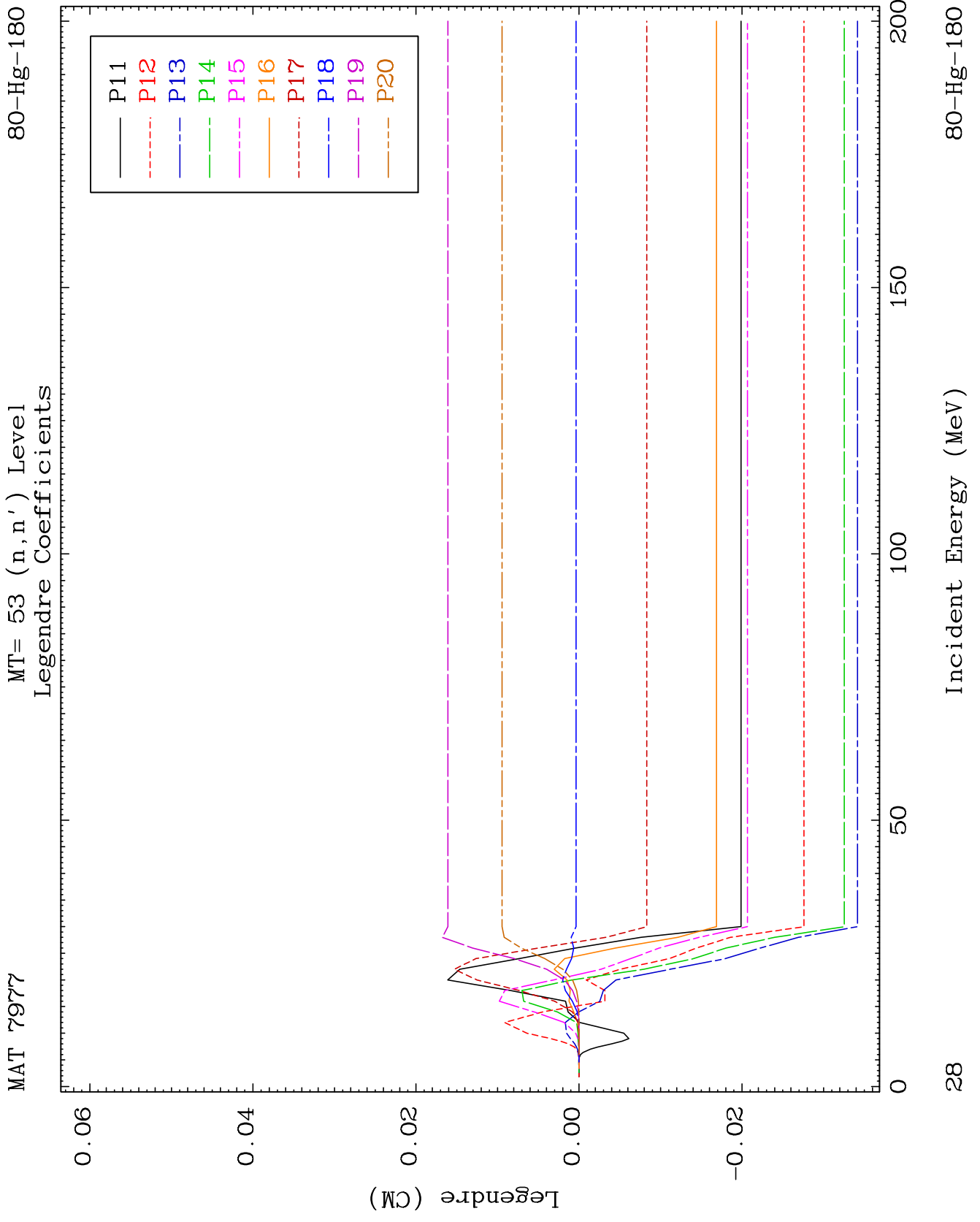


MAT 7977

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

80-Hg-180

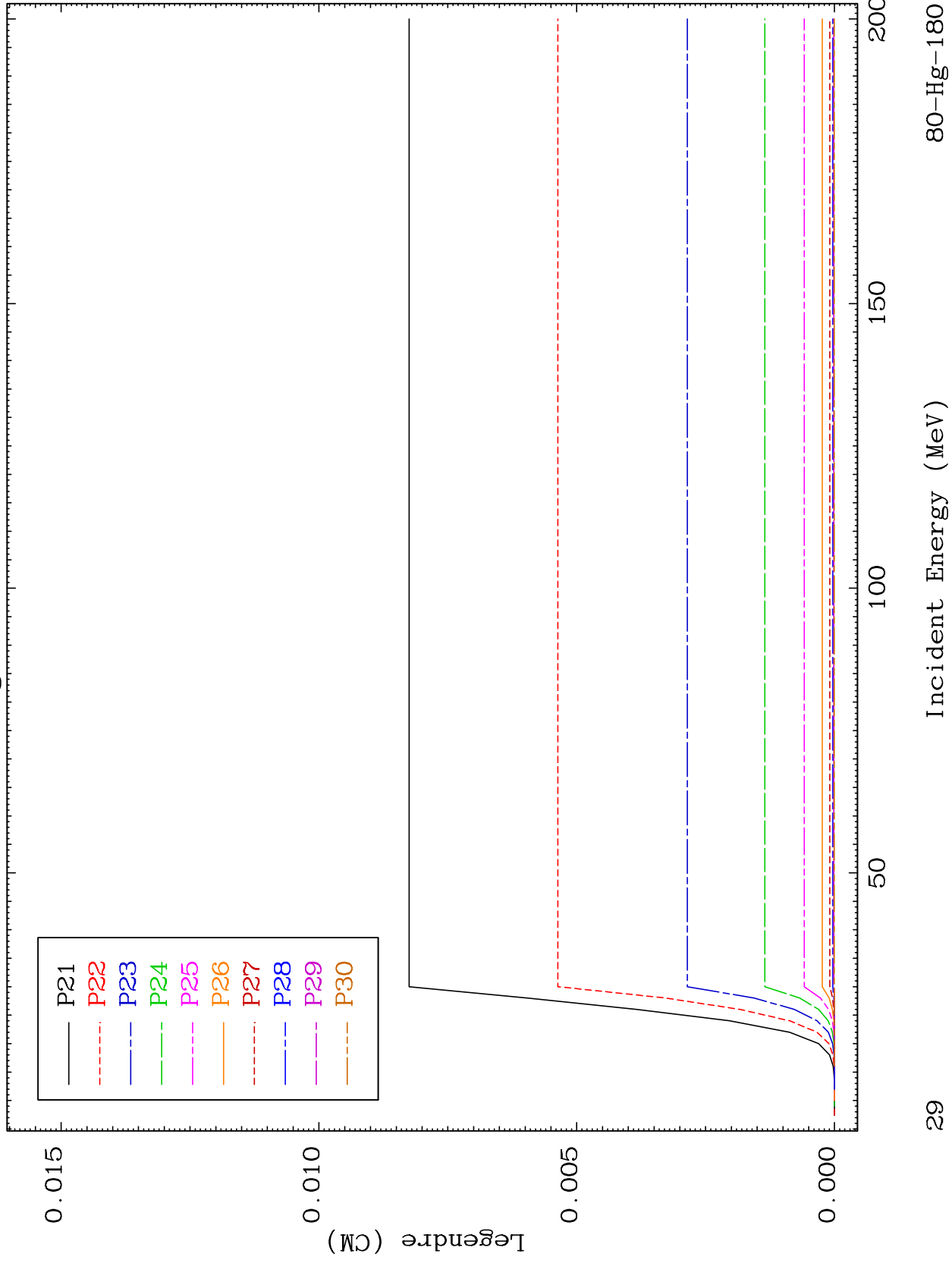




MAT 7977

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

80-Hg-180

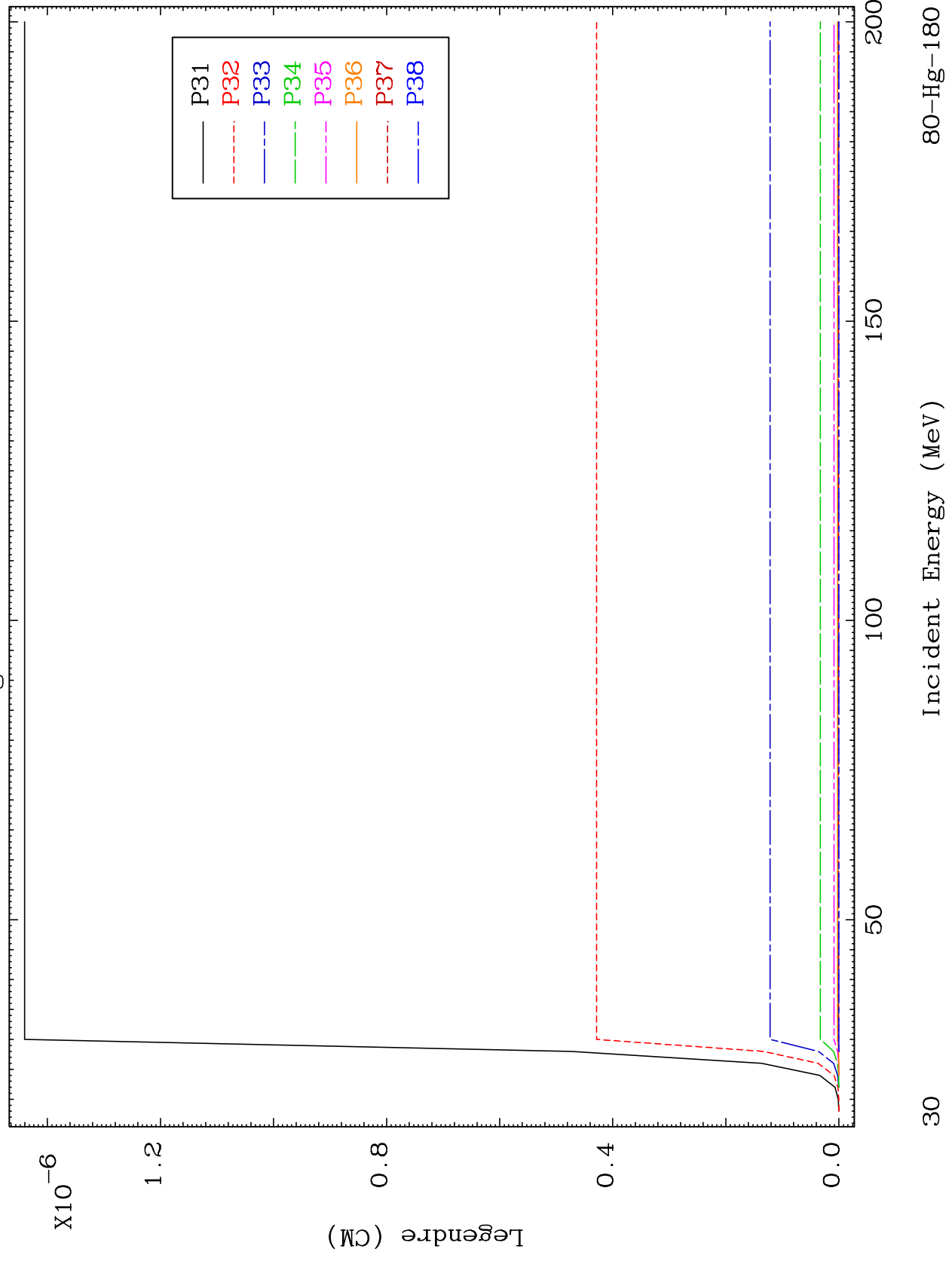


29

MAT 7977

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

80-Hg-180



30

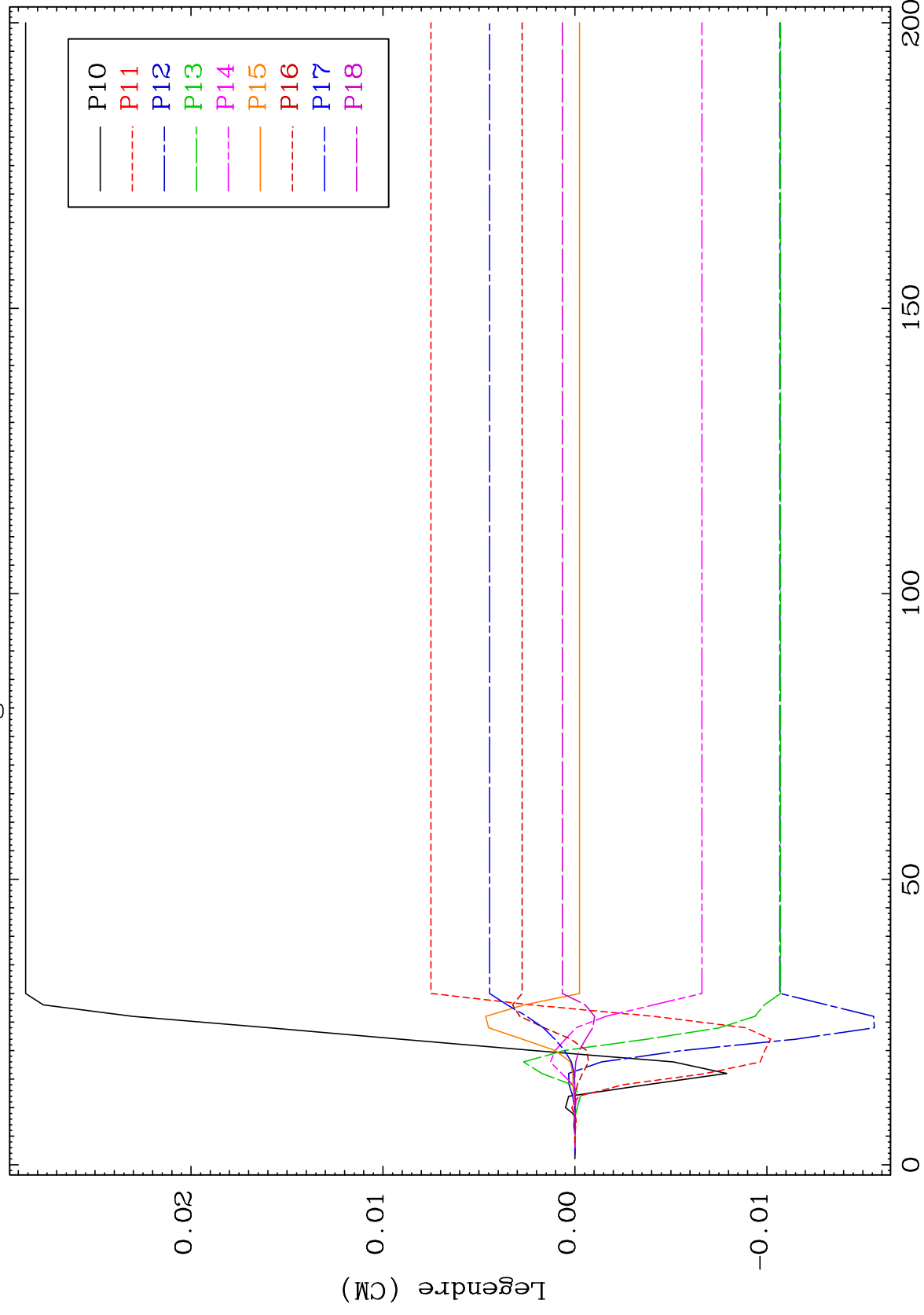
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

80-Hg-180



32

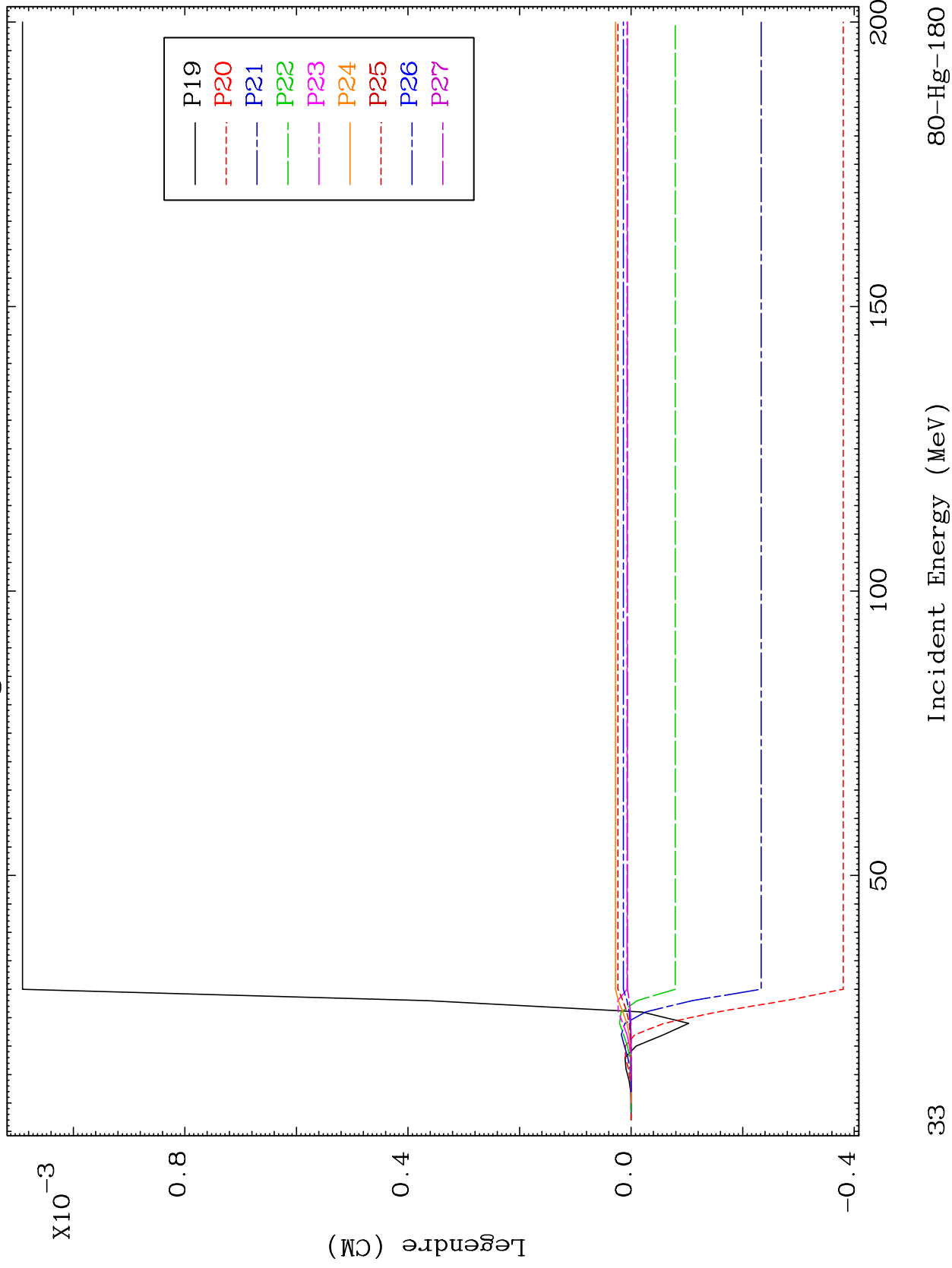
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

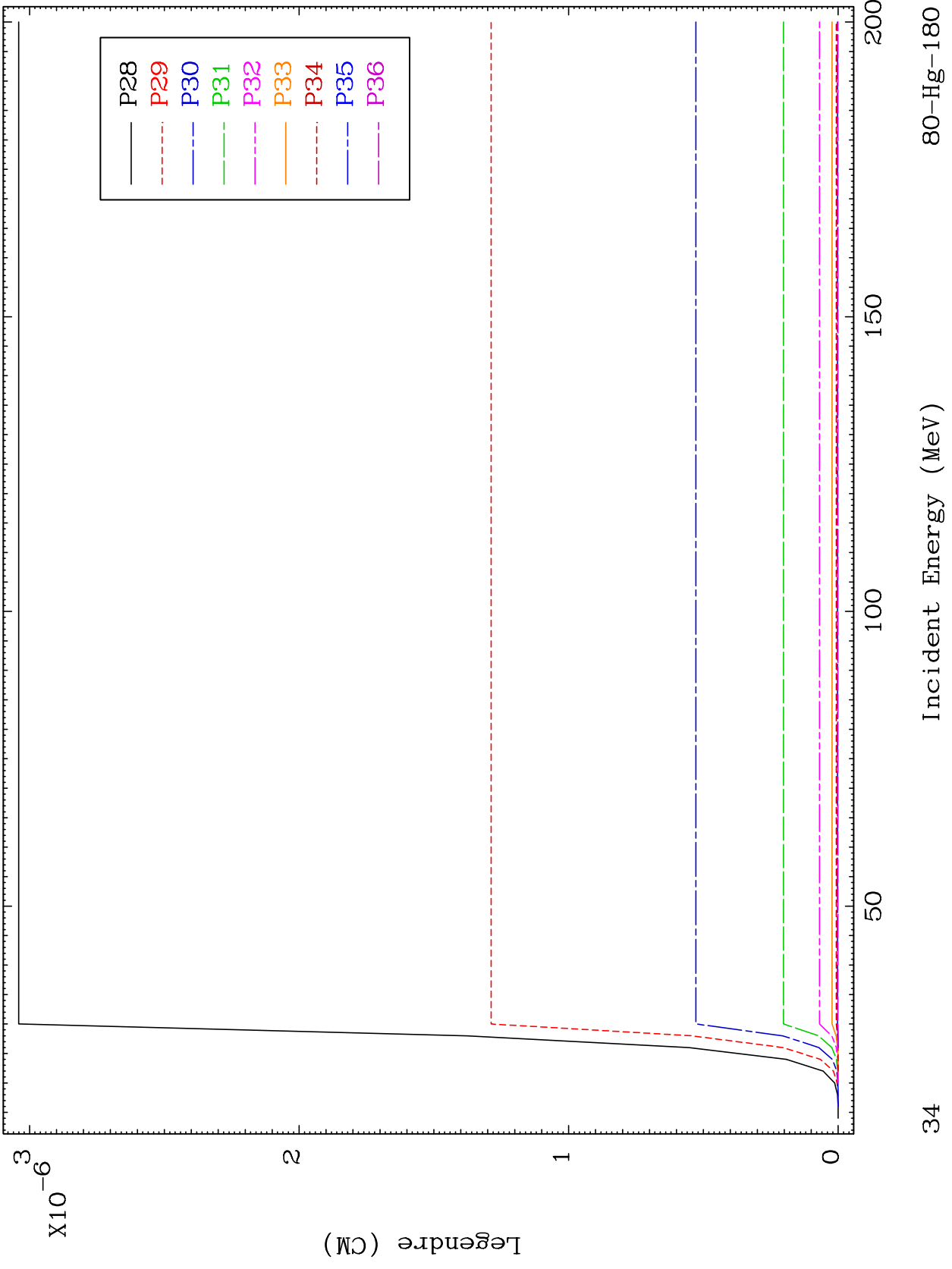
80-Hg-180



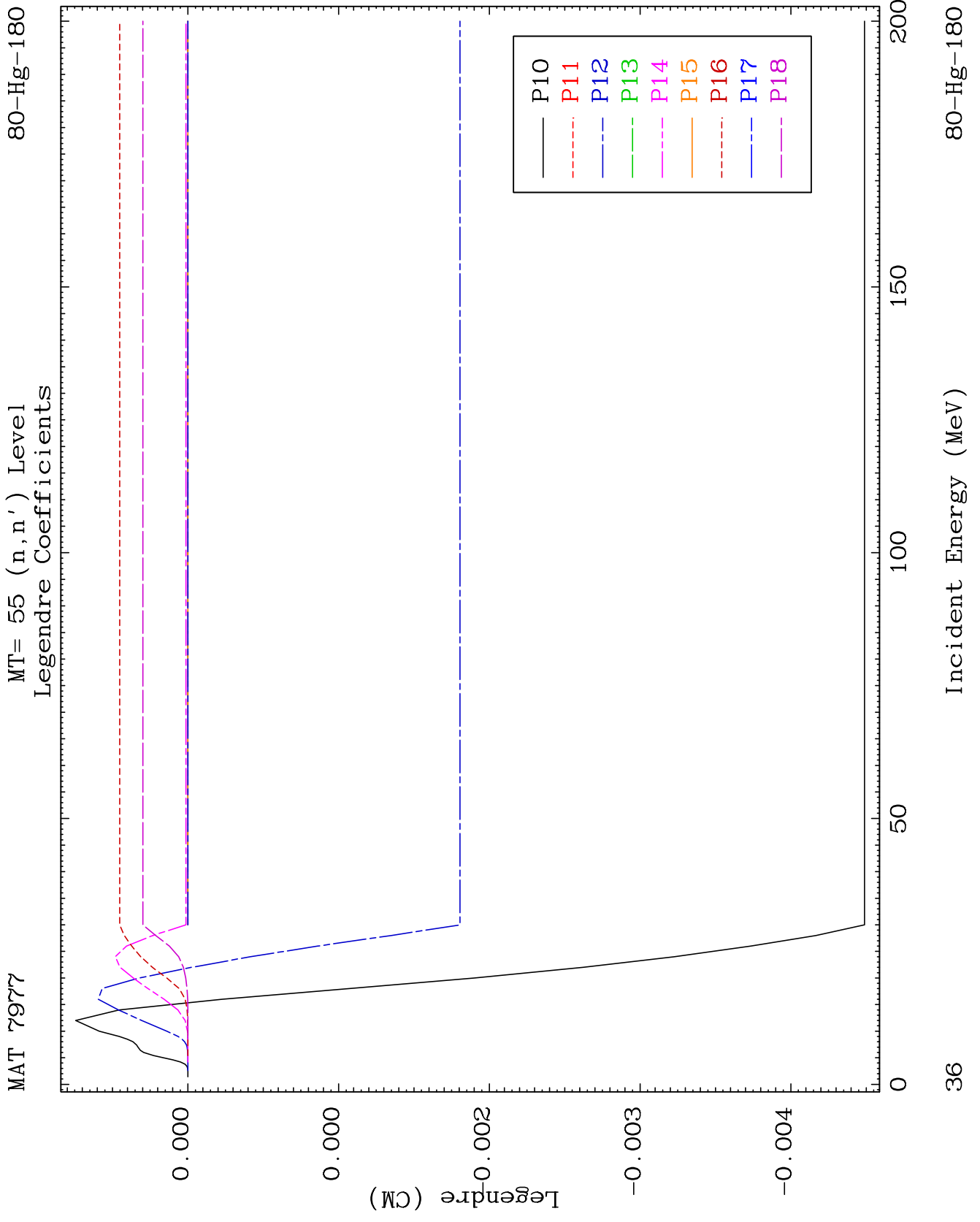
MAT 7977

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

80-Hg-180



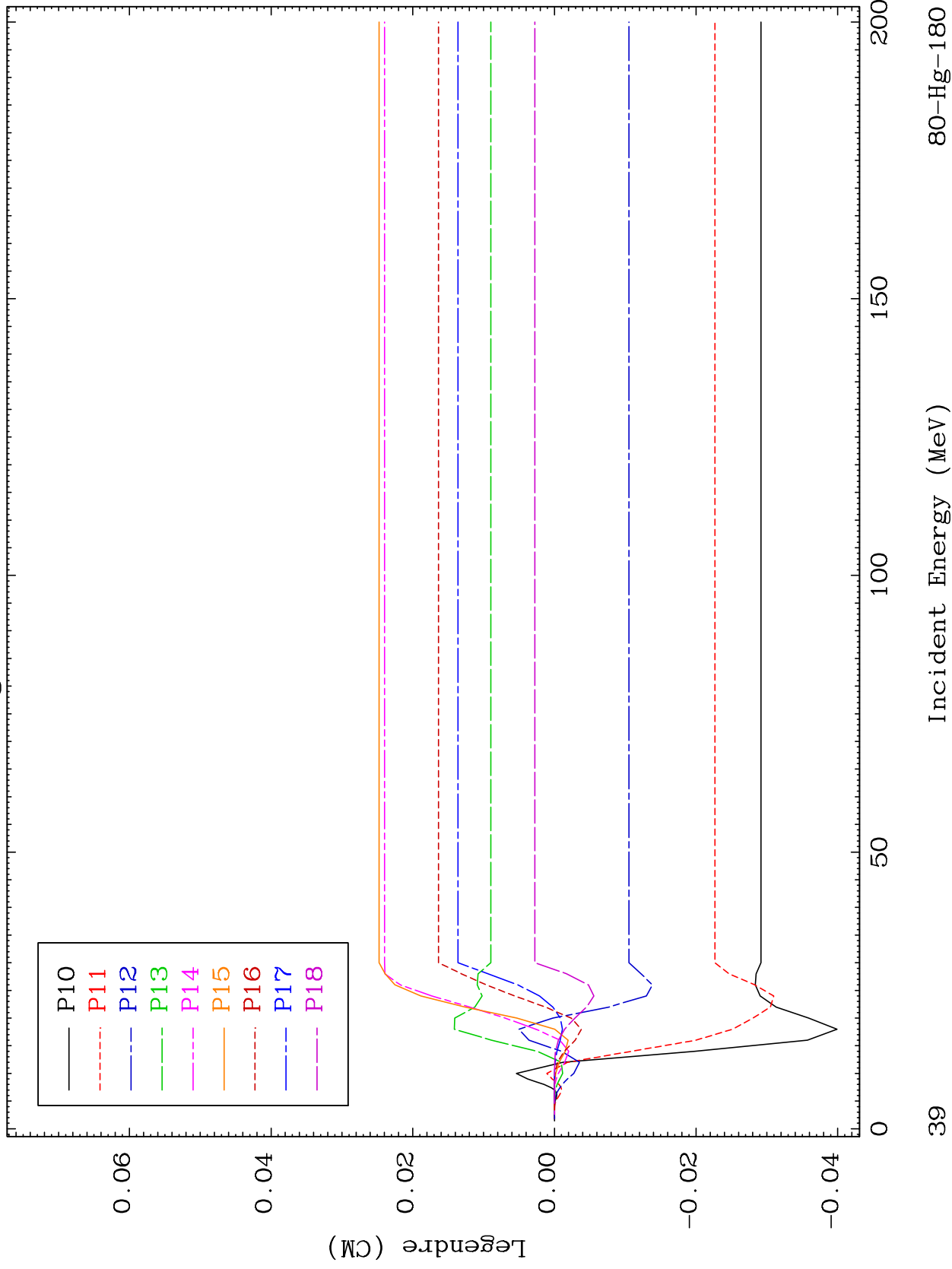
34



MAT 7977

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

80-Hg-180



39

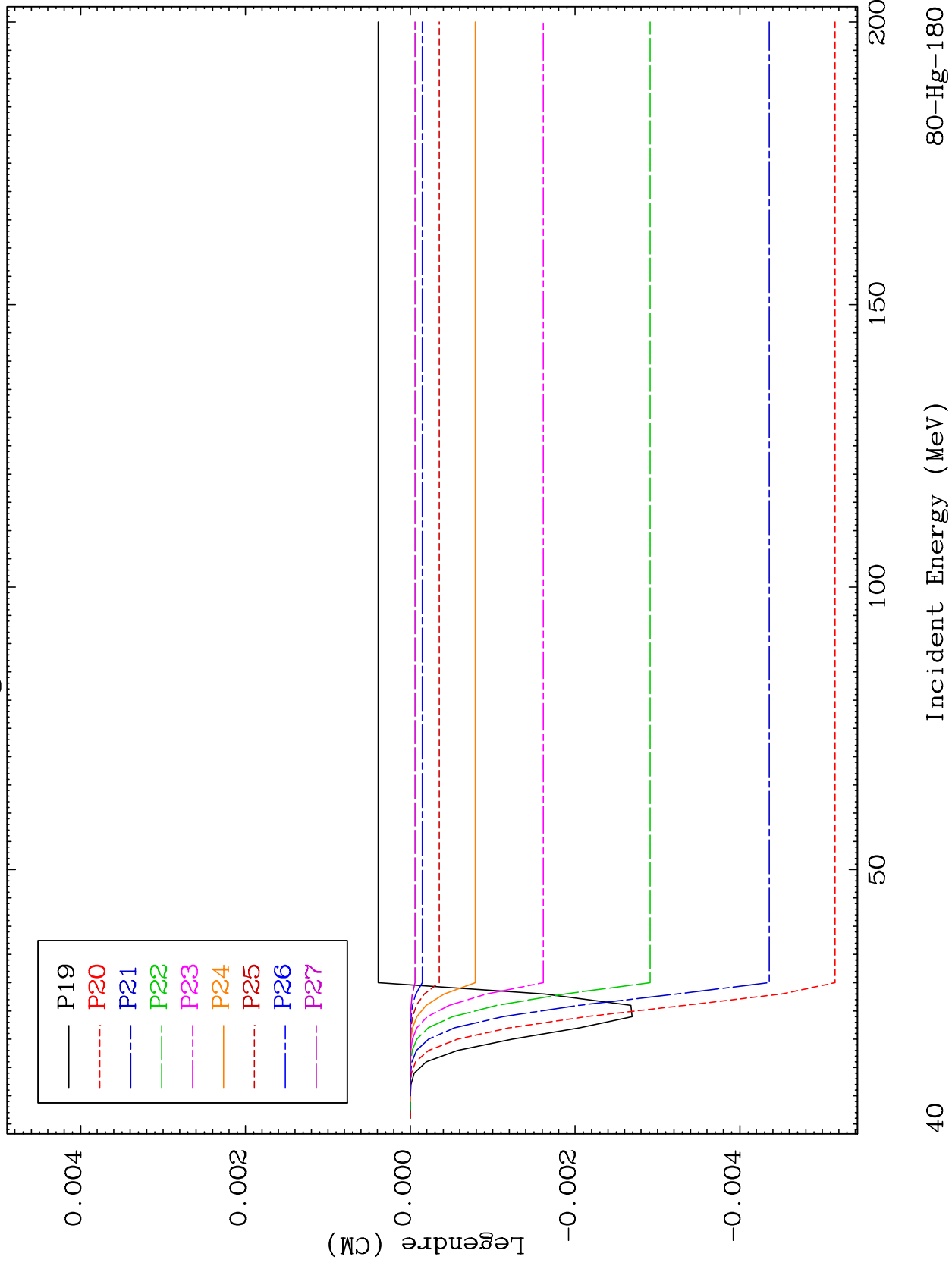
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

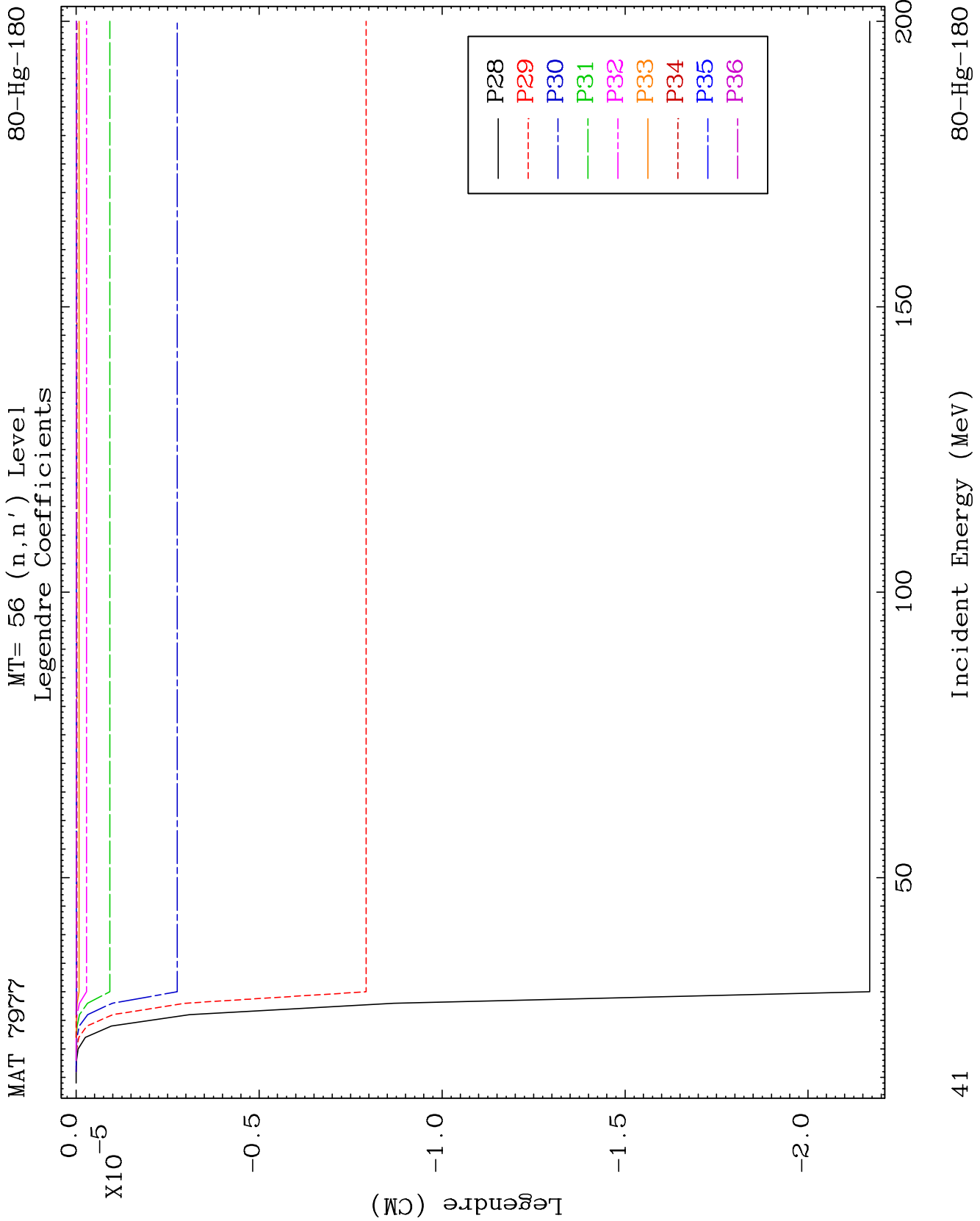
80-Hg-180



40

Incident Energy (MeV)

80-Hg-180

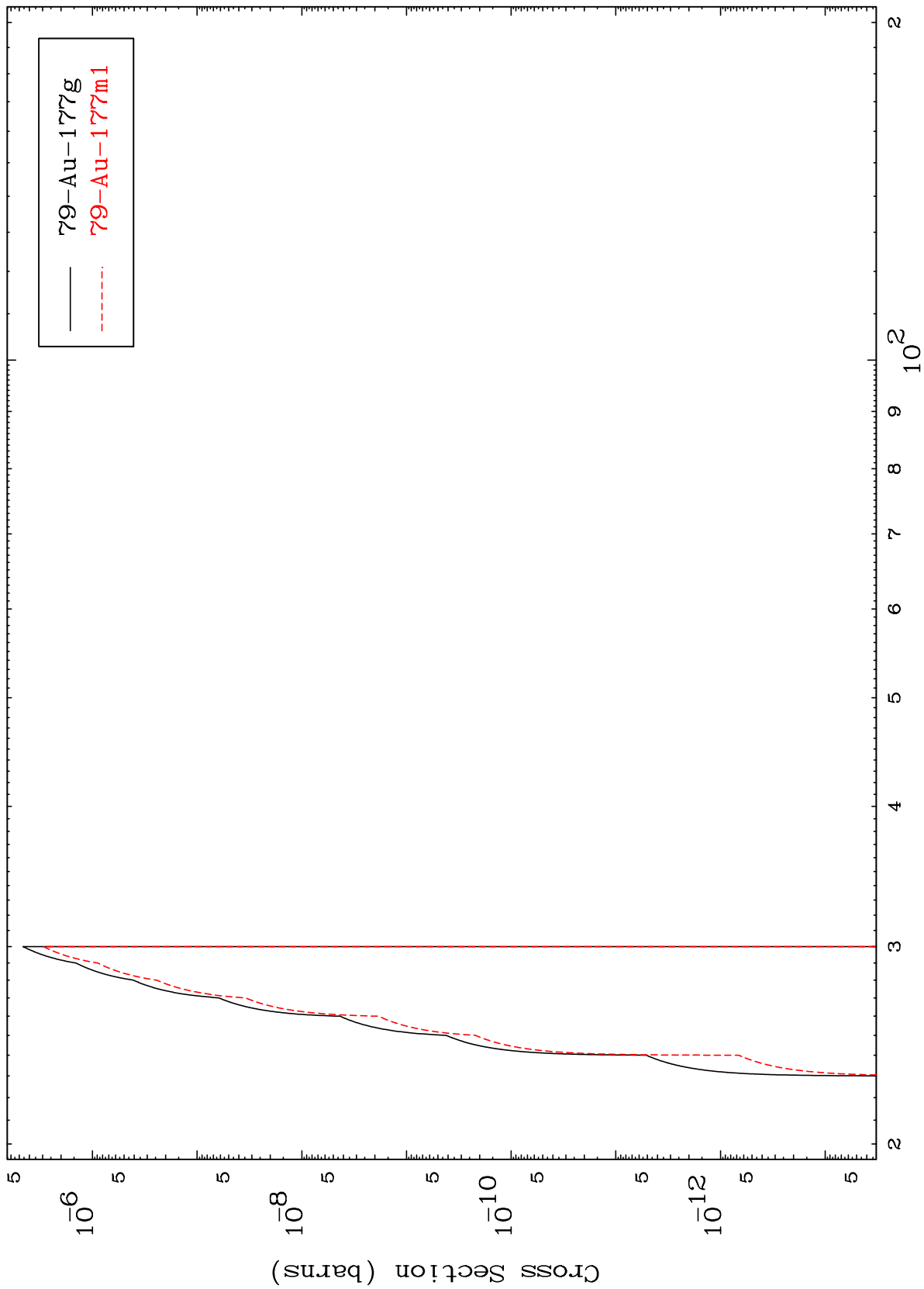


MAT 79777

(n,2n) d

80-Hg-180

Radionuclide Production Cross Section



42

Incident Energy (MeV)

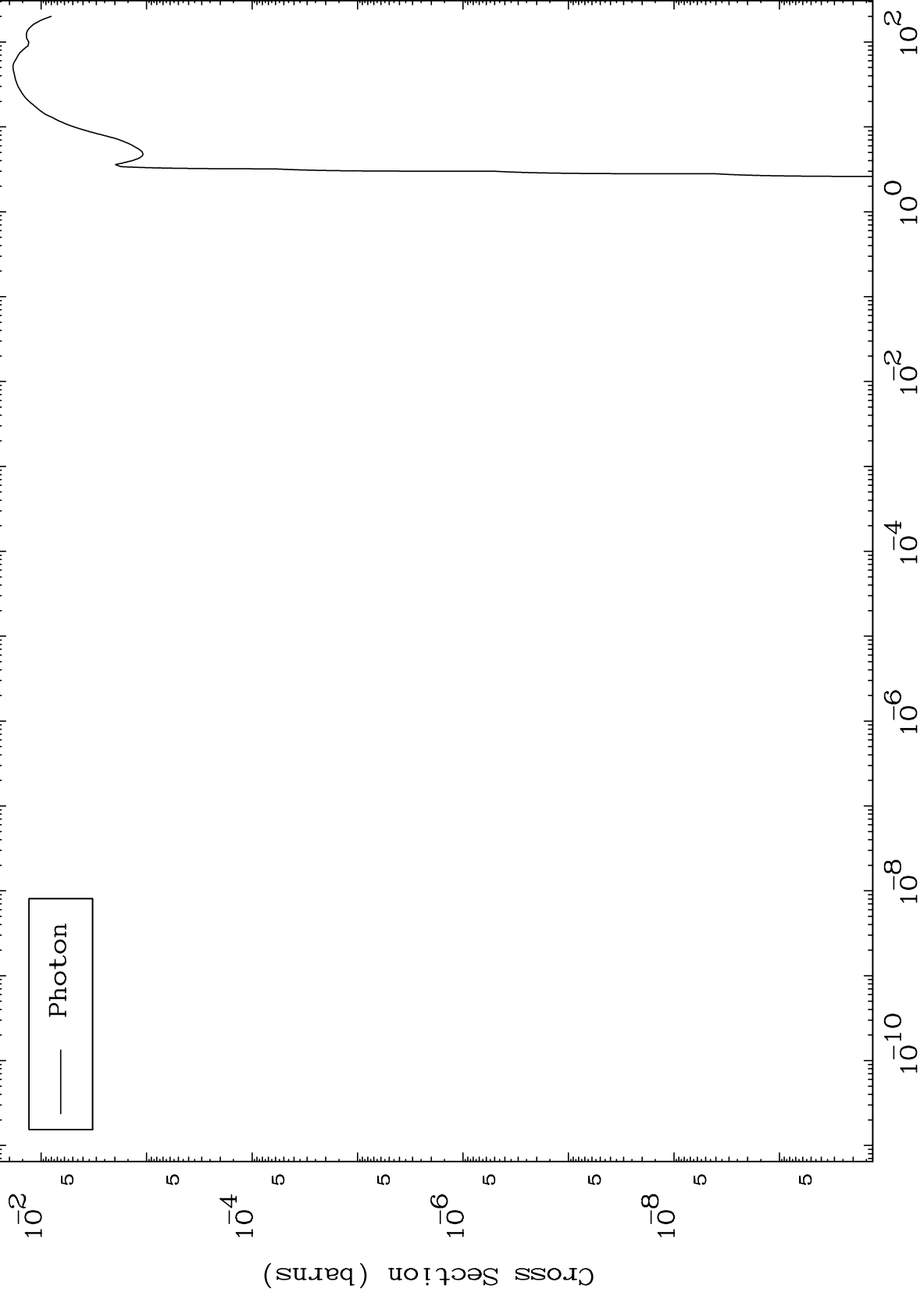
80-Hg-180

MAT 7977

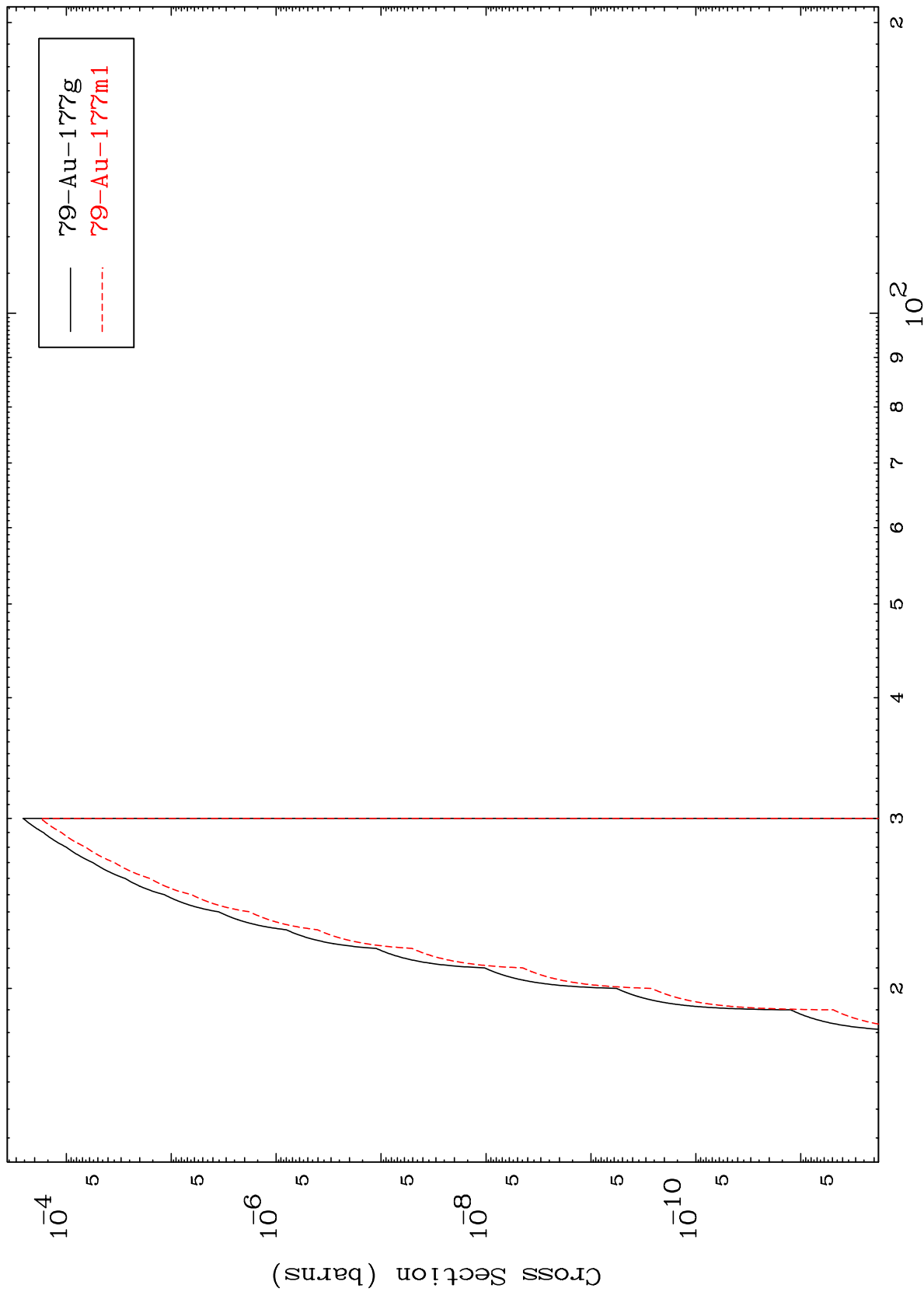
Fission

80-Hg-180

Radionuclide Production Cross Section



Radionuclide Production Cross Section

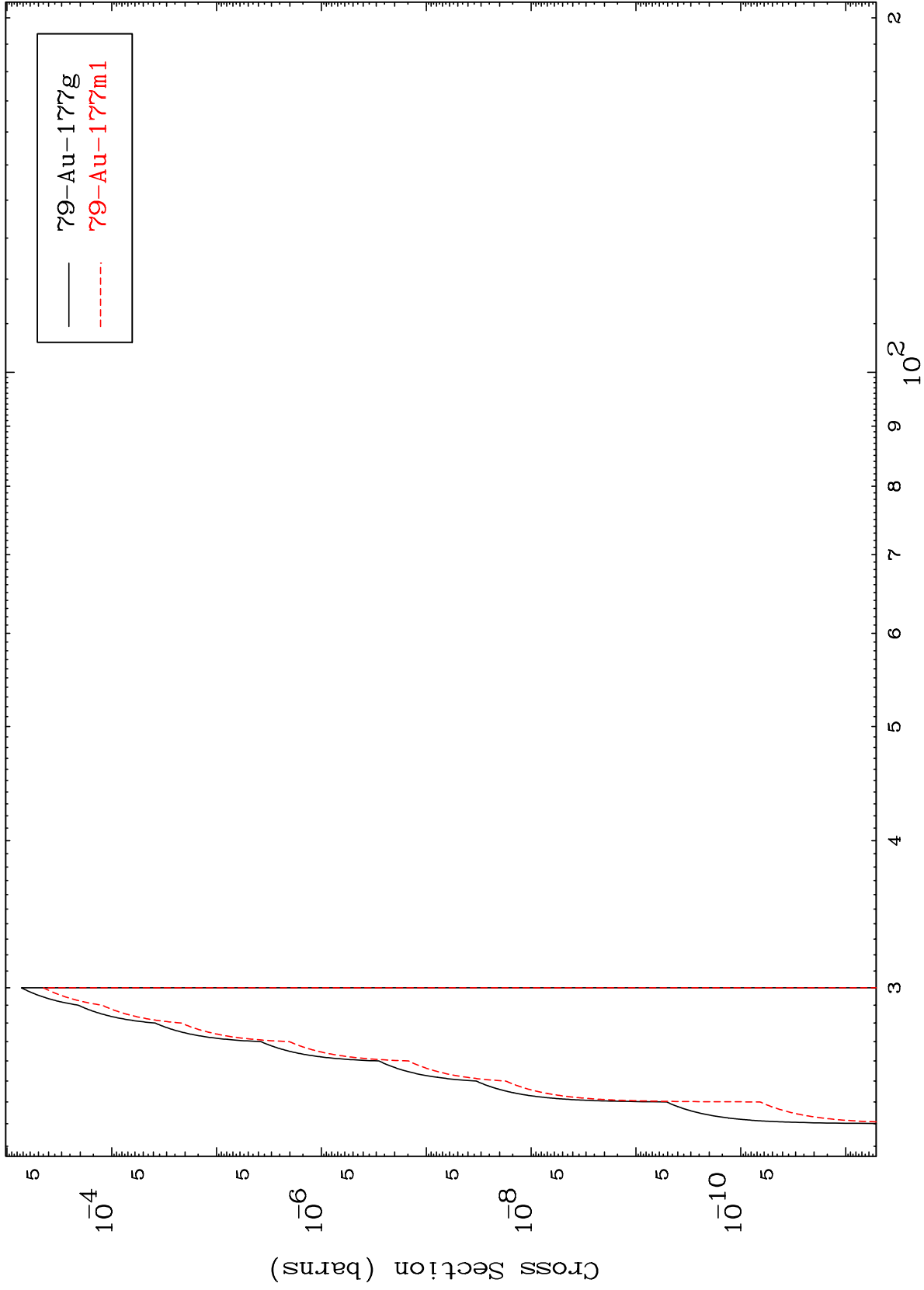


MAT 79777

(n,3n) p

80-Hg-180

Radionuclide Production Cross Section



45

Incident Energy (MeV)

80-Hg-180