

Program EVALPLOT
(Version 2015-2)

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:home.comcast.net/~redcullen1

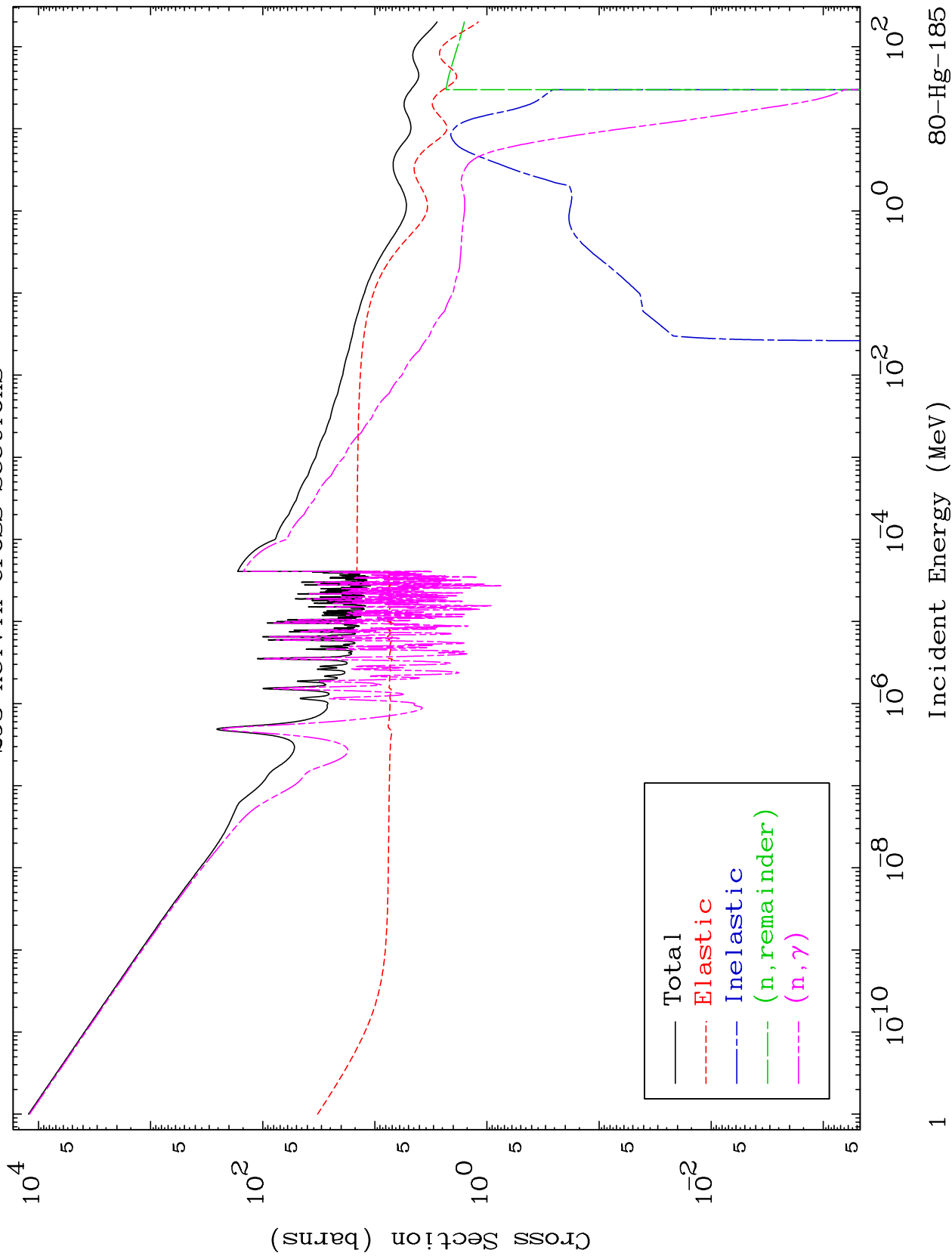
Press Mouse Button to Start

MAT 7992

Major

293 Kelvin Cross Sections

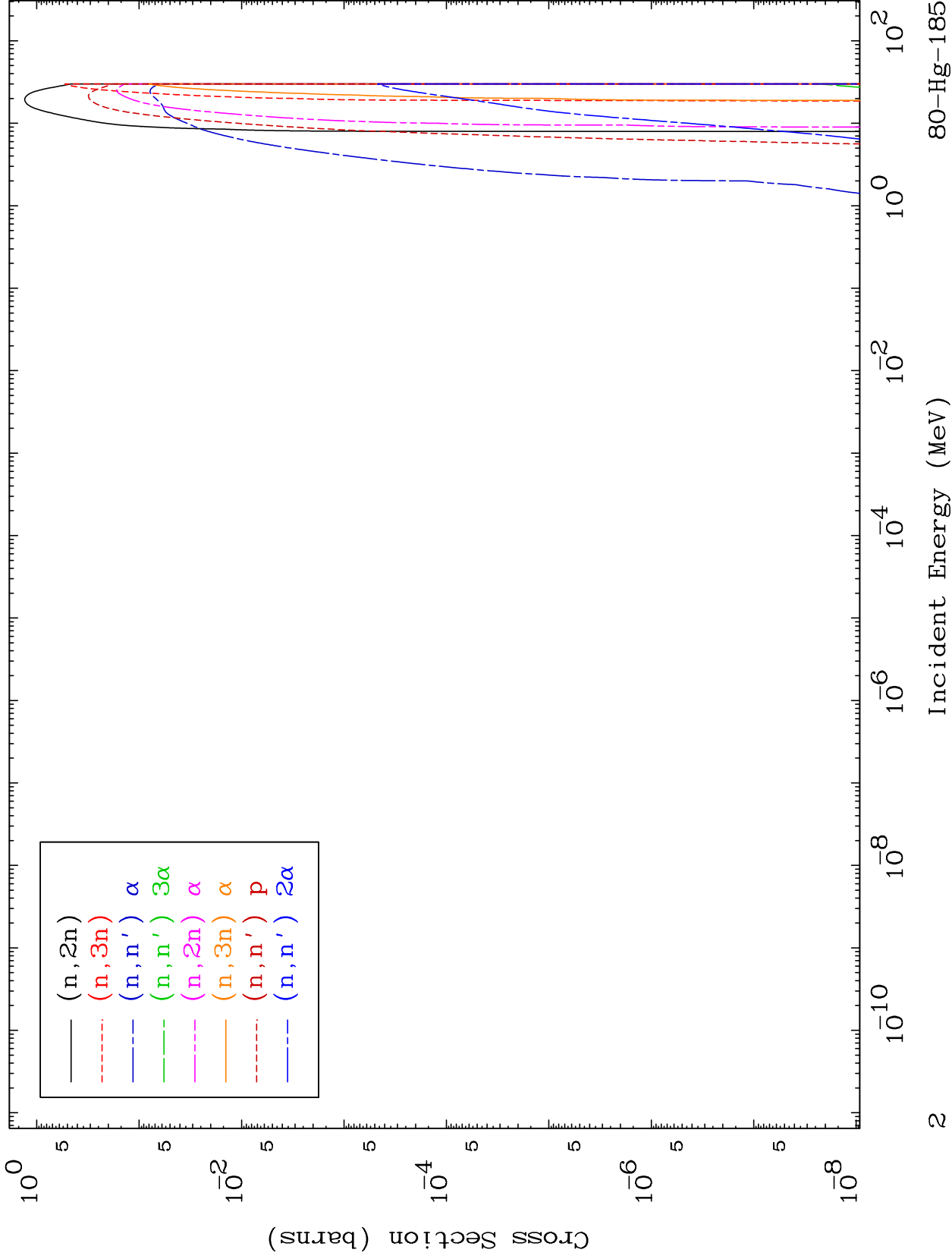
80-Hg-185



MAT 7992

Neutron Production
293 Kelvin Cross Sections

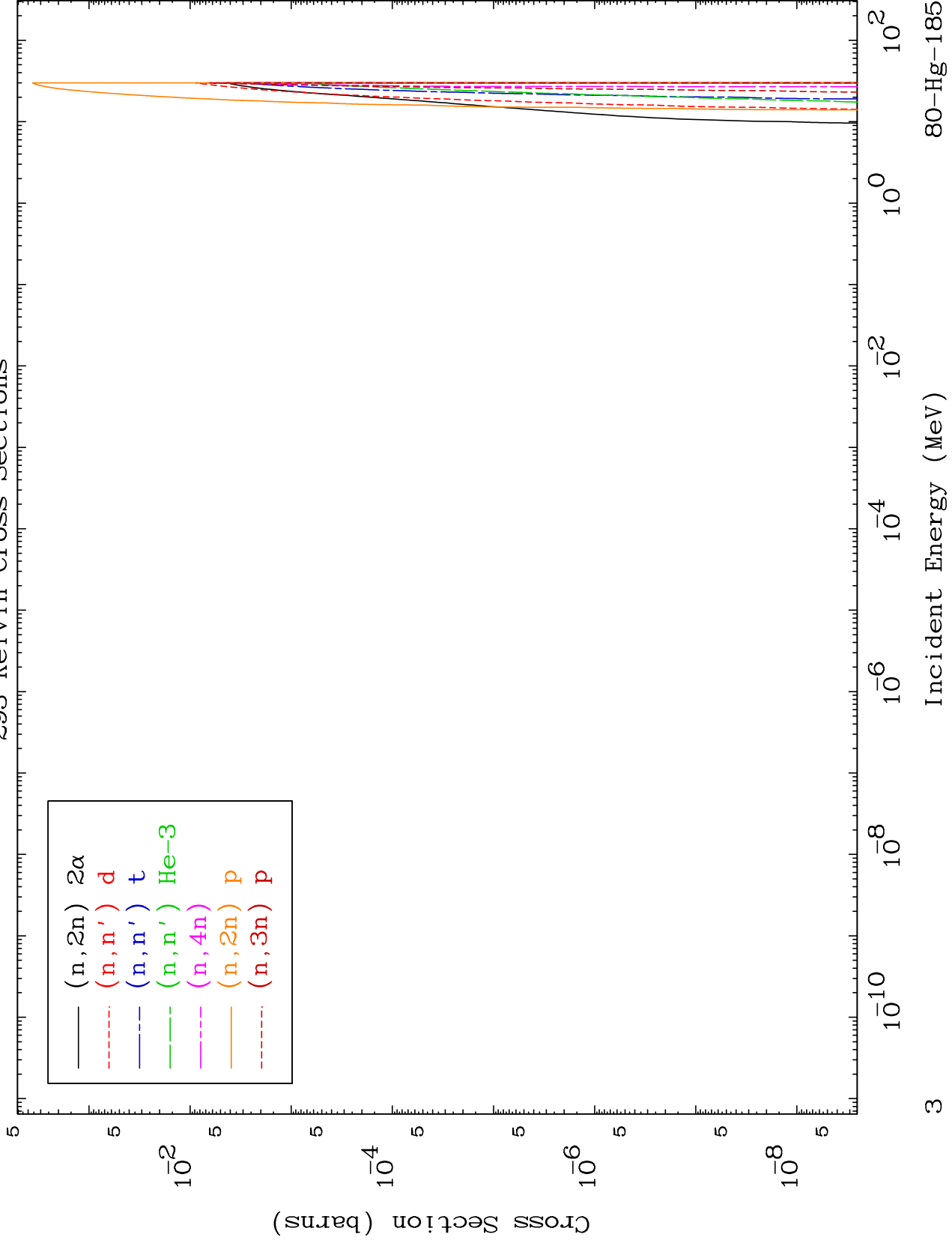
80-Hg-185



MAT 7992

Neutron Production
293 Kelvin Cross Sections

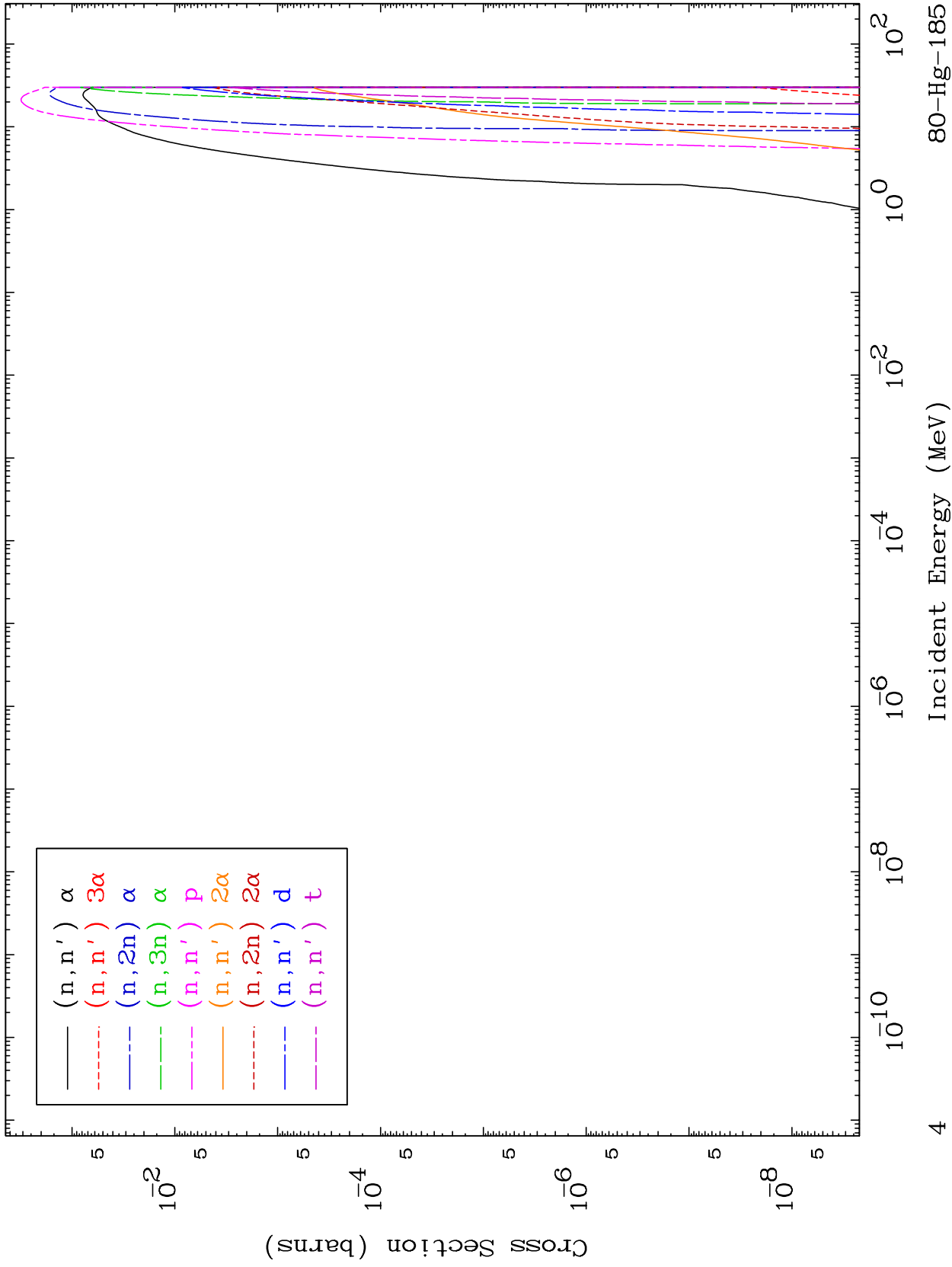
80-Hg-185



MAT 7992

Charged Particle
293 Kelvin Cross Sections

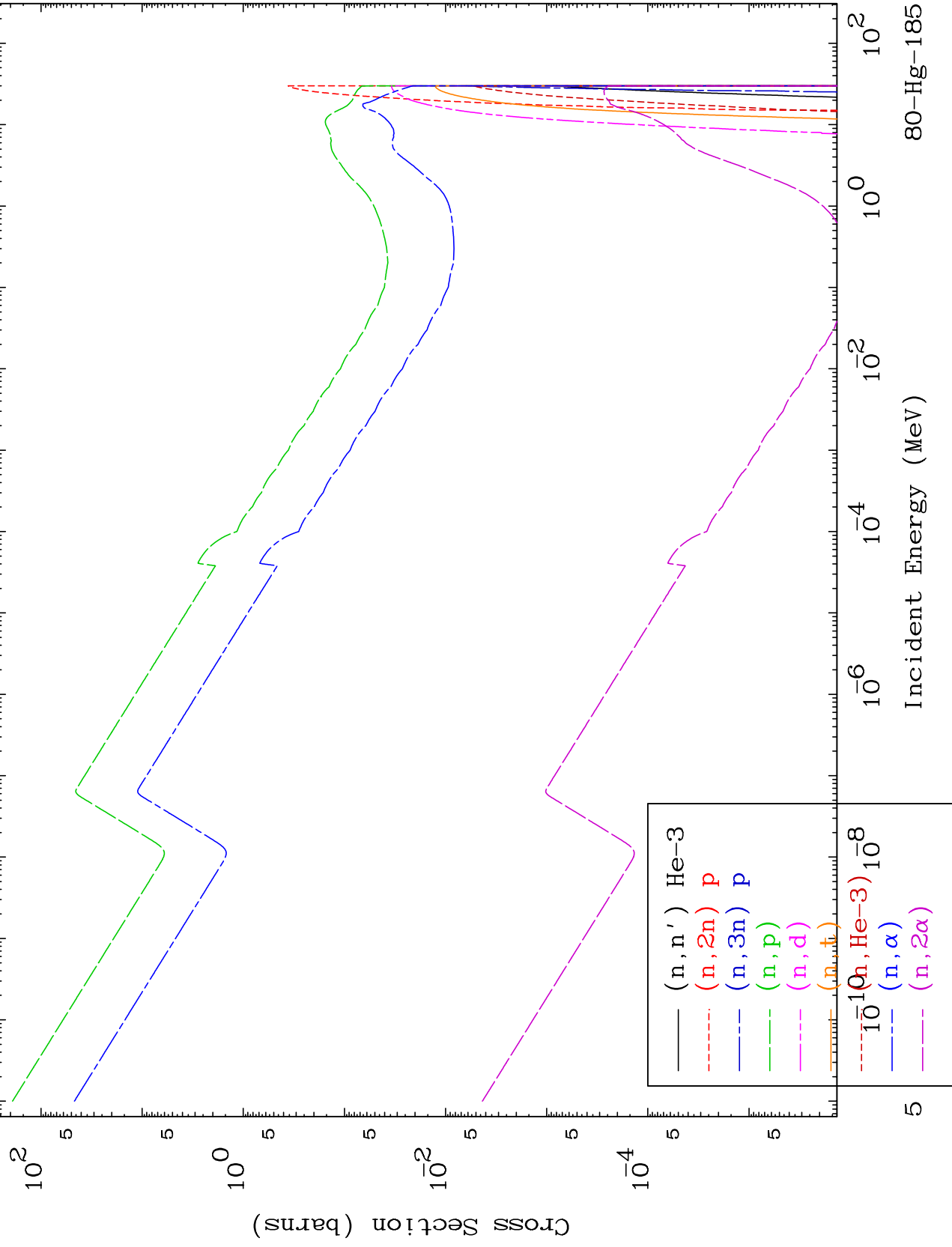
80-Hg-185



MAT 7992

Charged Particle
293 Kelvin Cross Sections

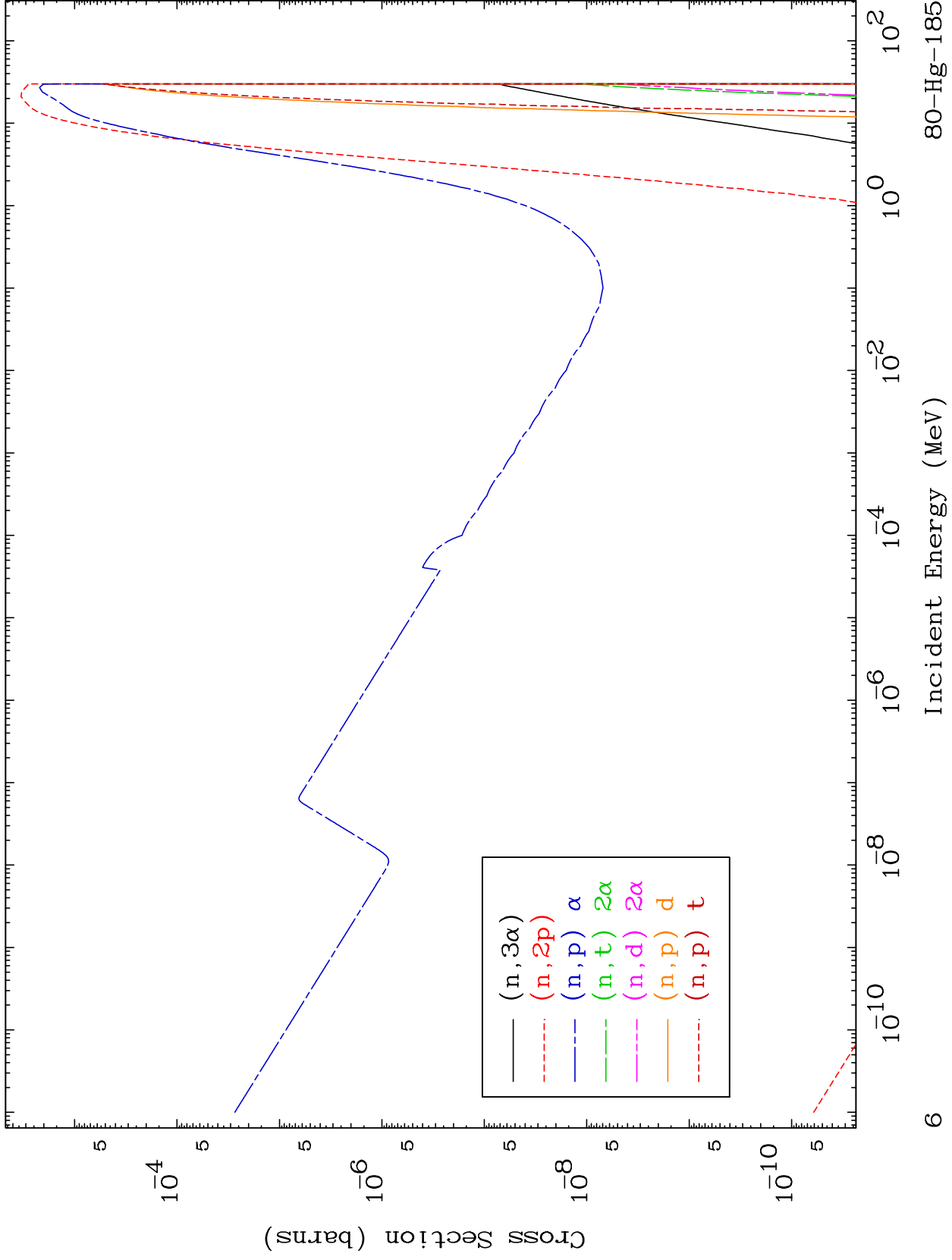
80-Hg-185



MAT 7992

Charged Particle
293 Kelvin Cross Sections

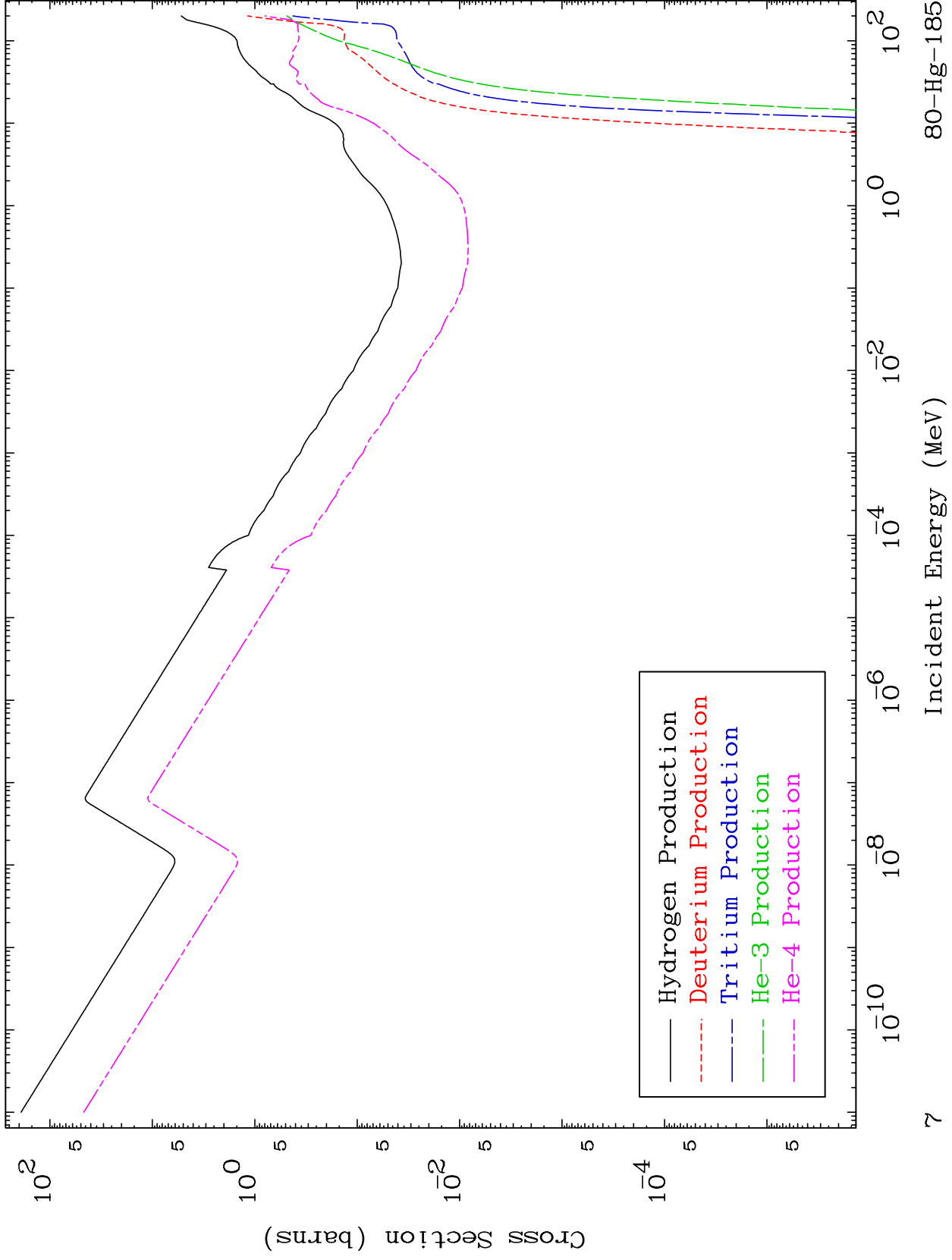
80-Hg-185

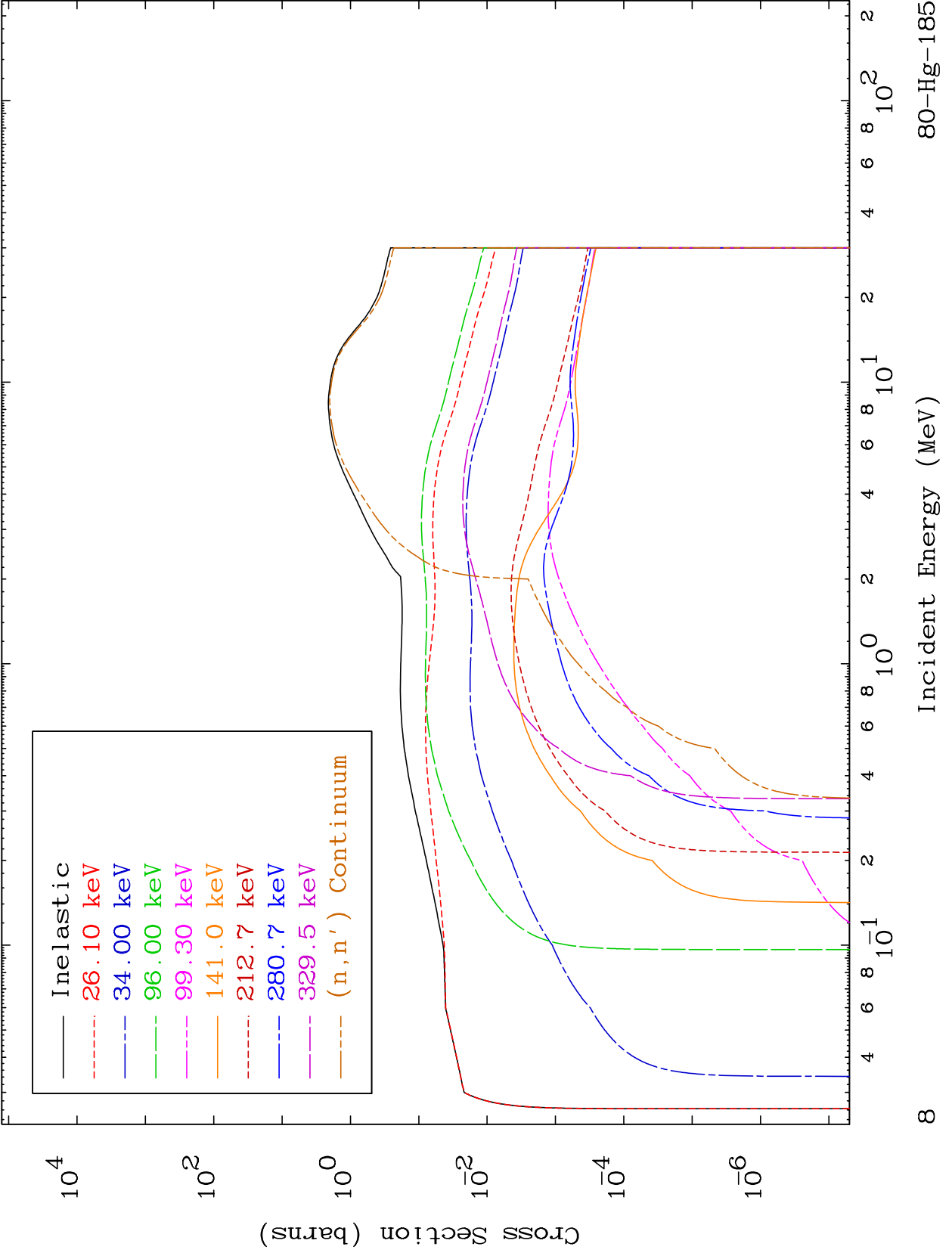


MAT 7992

Particle Production
293 Kelvin Cross Sections

80-Hg-185

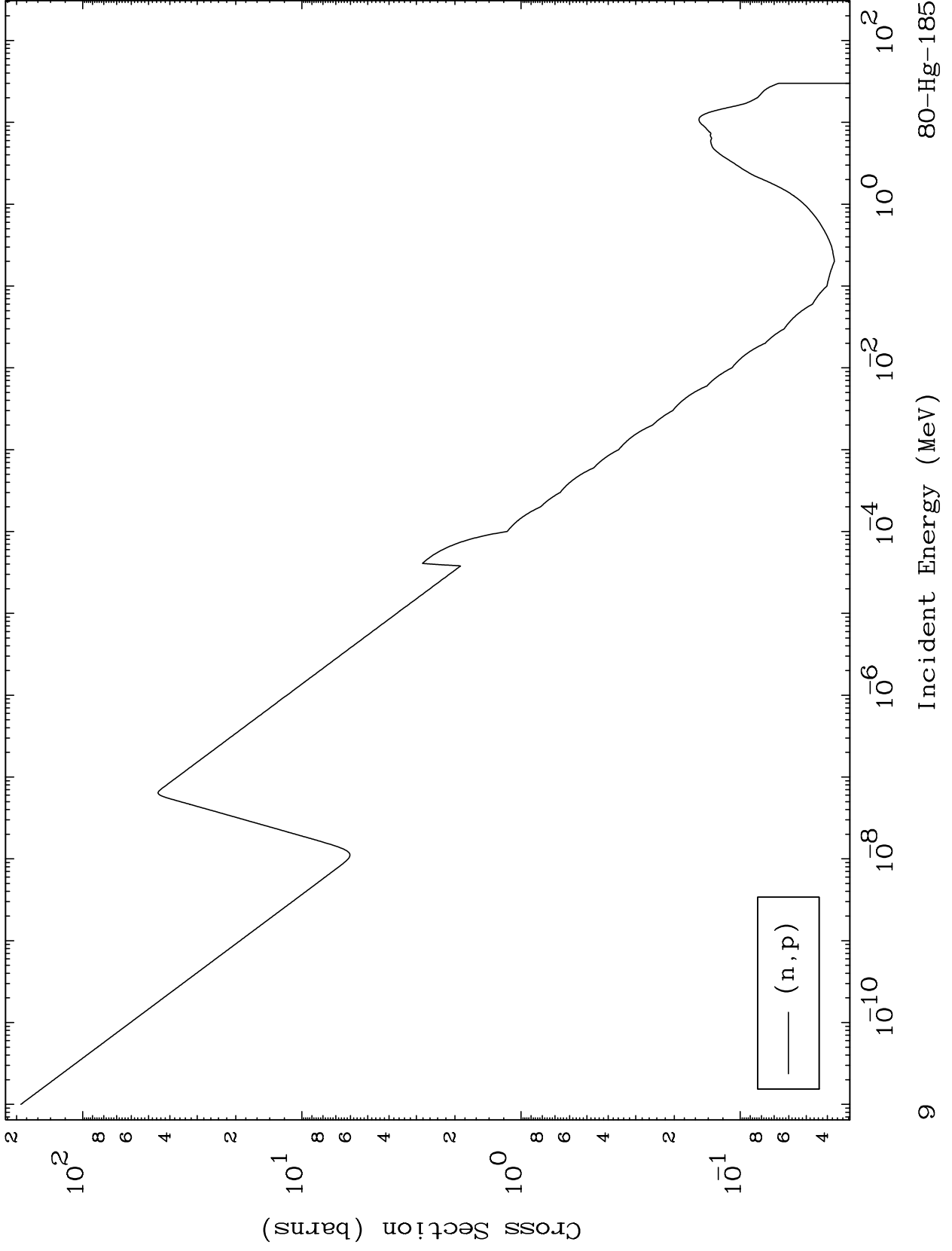




MAT 7992

(n,p) Levels
293 Kelvin Cross Sections

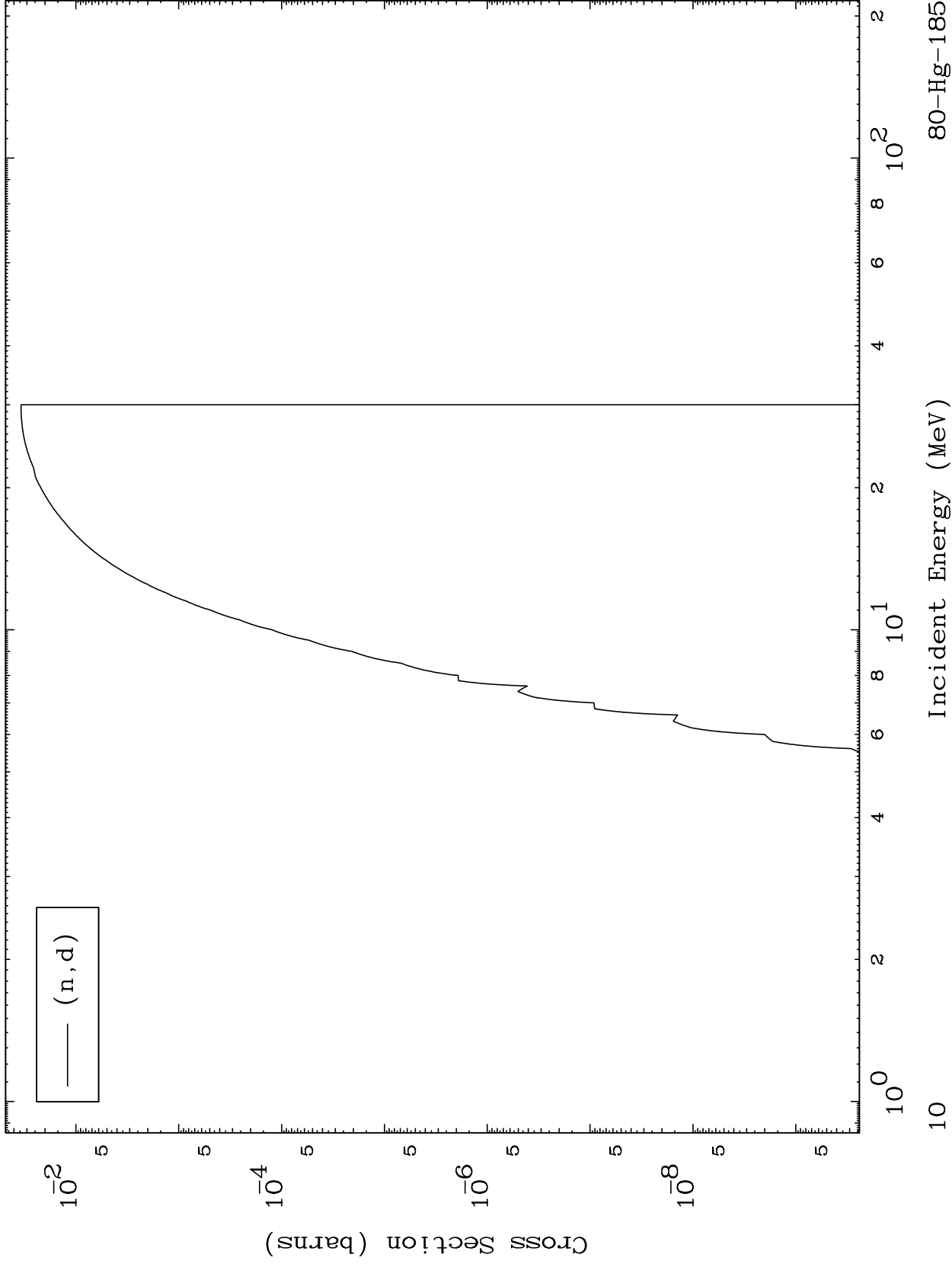
80-Hg-185



MAT 7992

(n,d) Levels
293 Kelvin Cross Sections

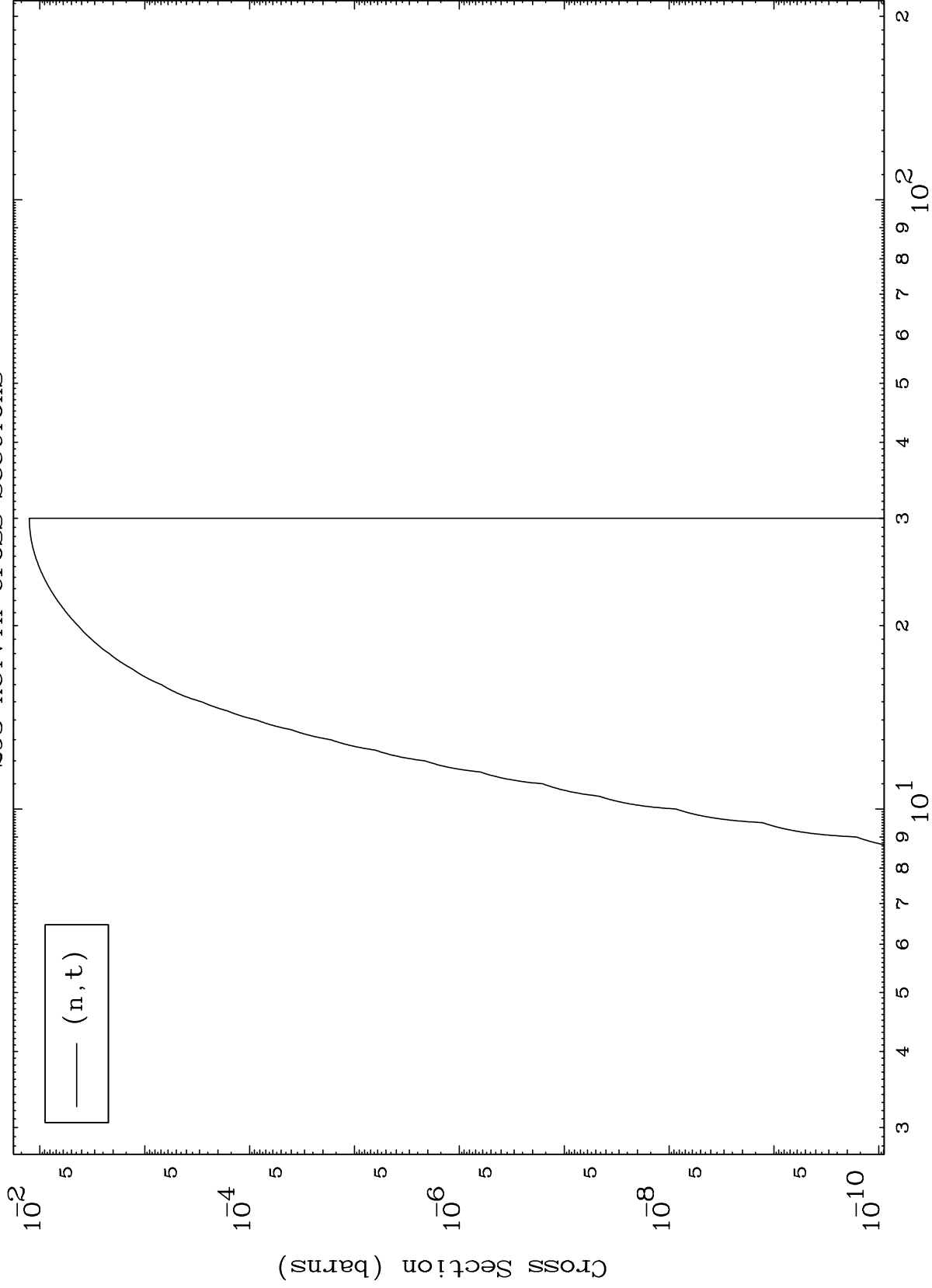
80-Hg-185



MAT 7992

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-185



11

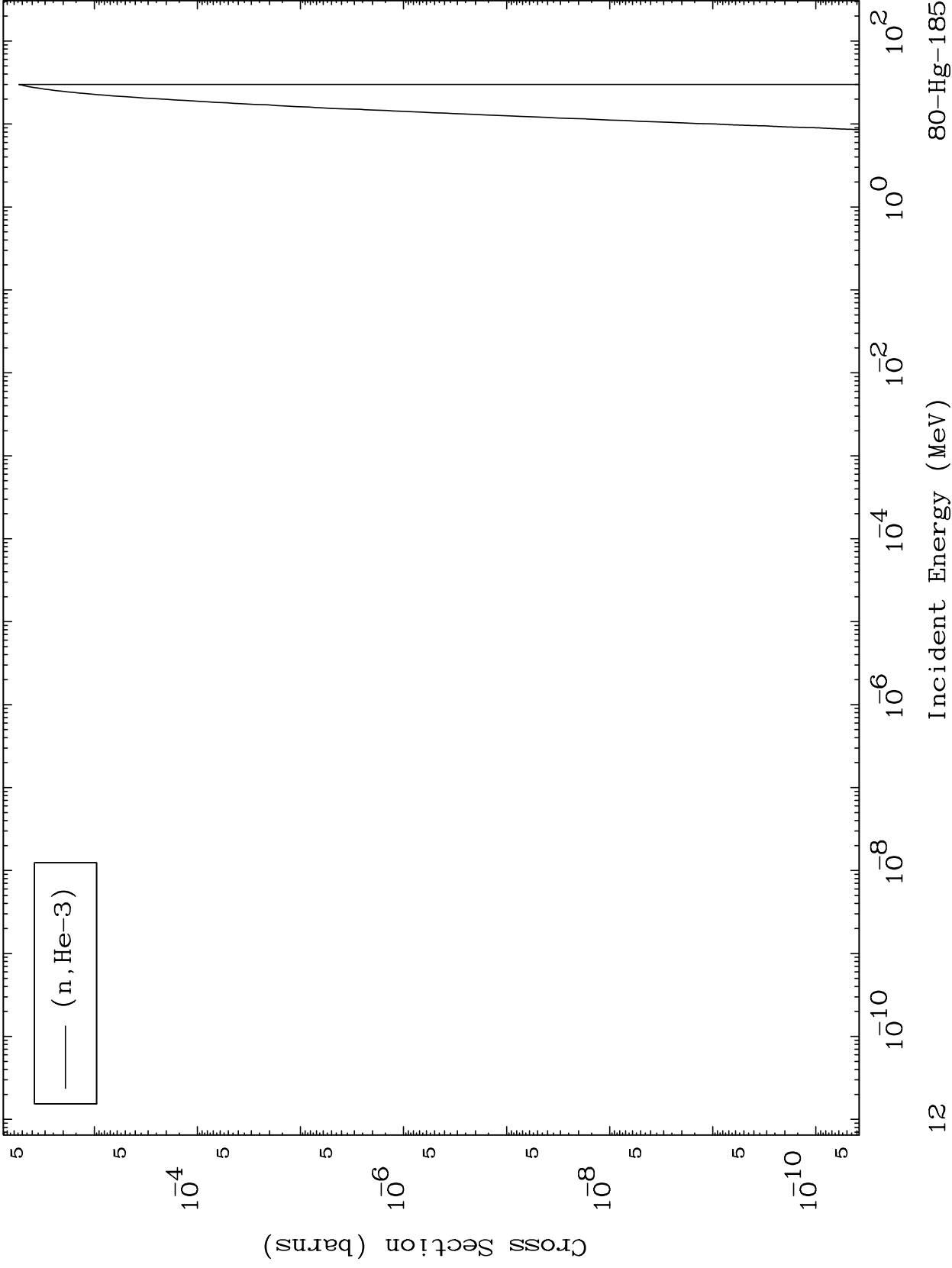
Incident Energy (MeV)

80-Hg-185

MAT 7992

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-185



12

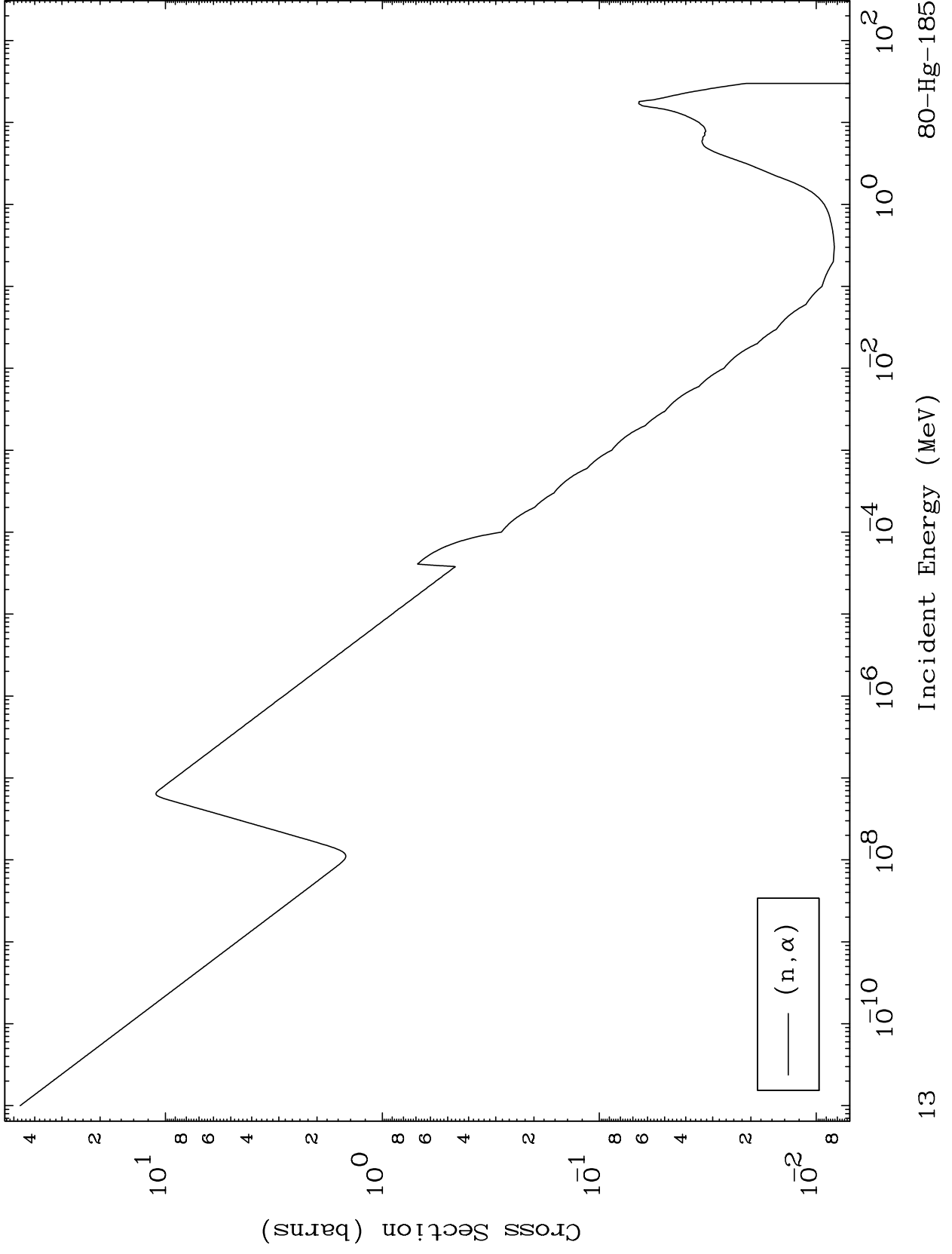
Incident Energy (MeV)

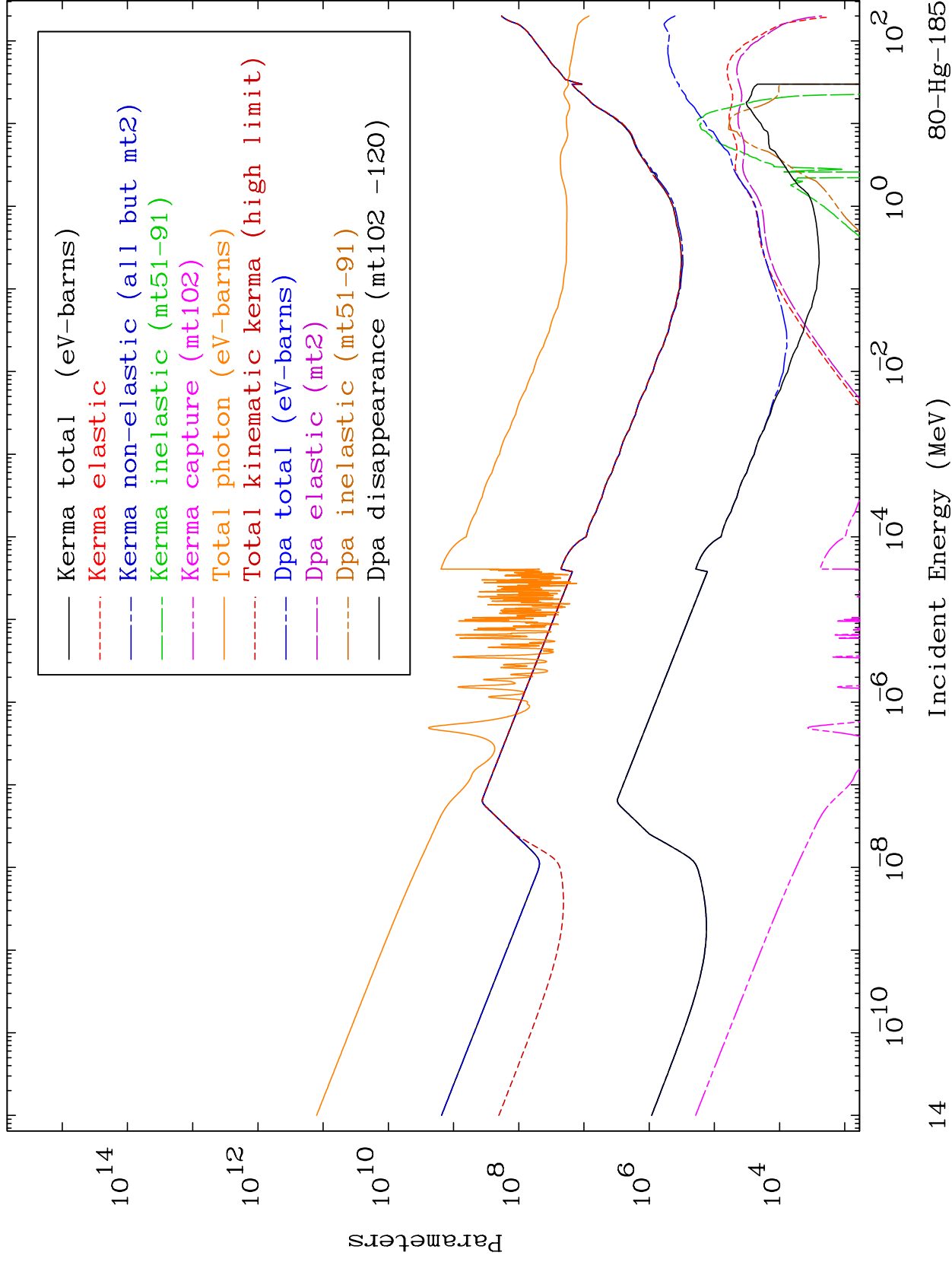
80-Hg-185

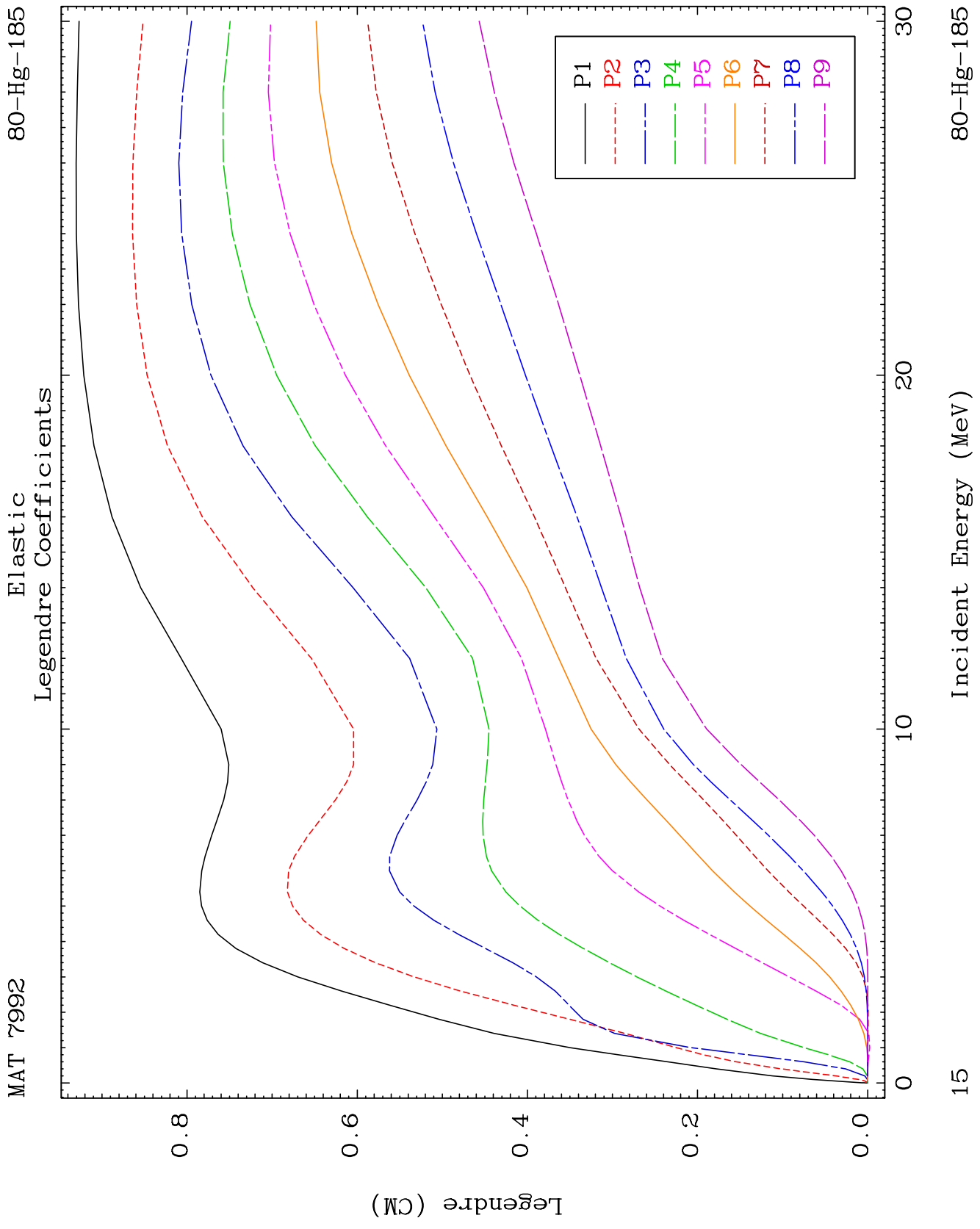
MAT 7992

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-185



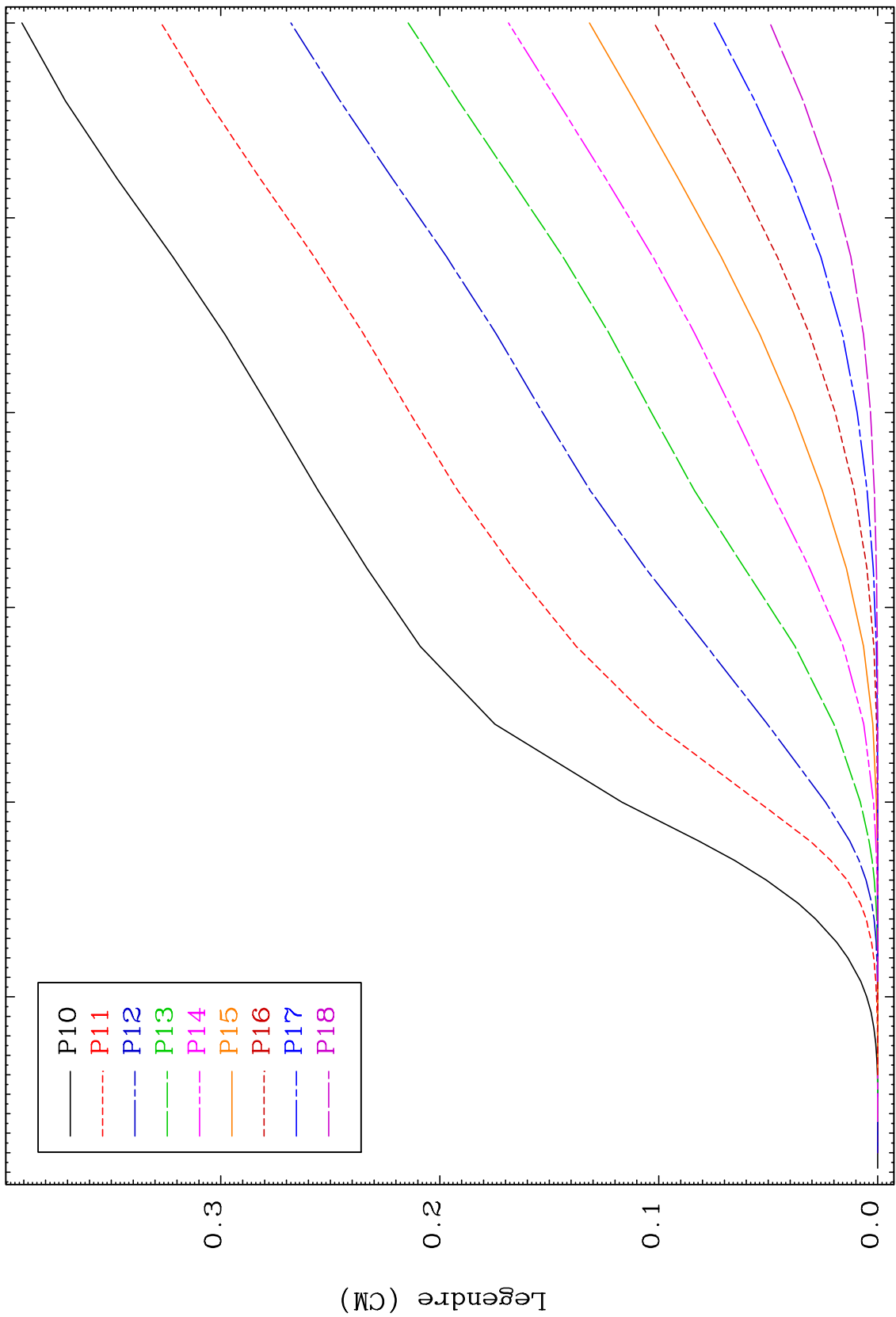




MAT 7992

Elastic Legendre Coefficients

80-Hg-185



16

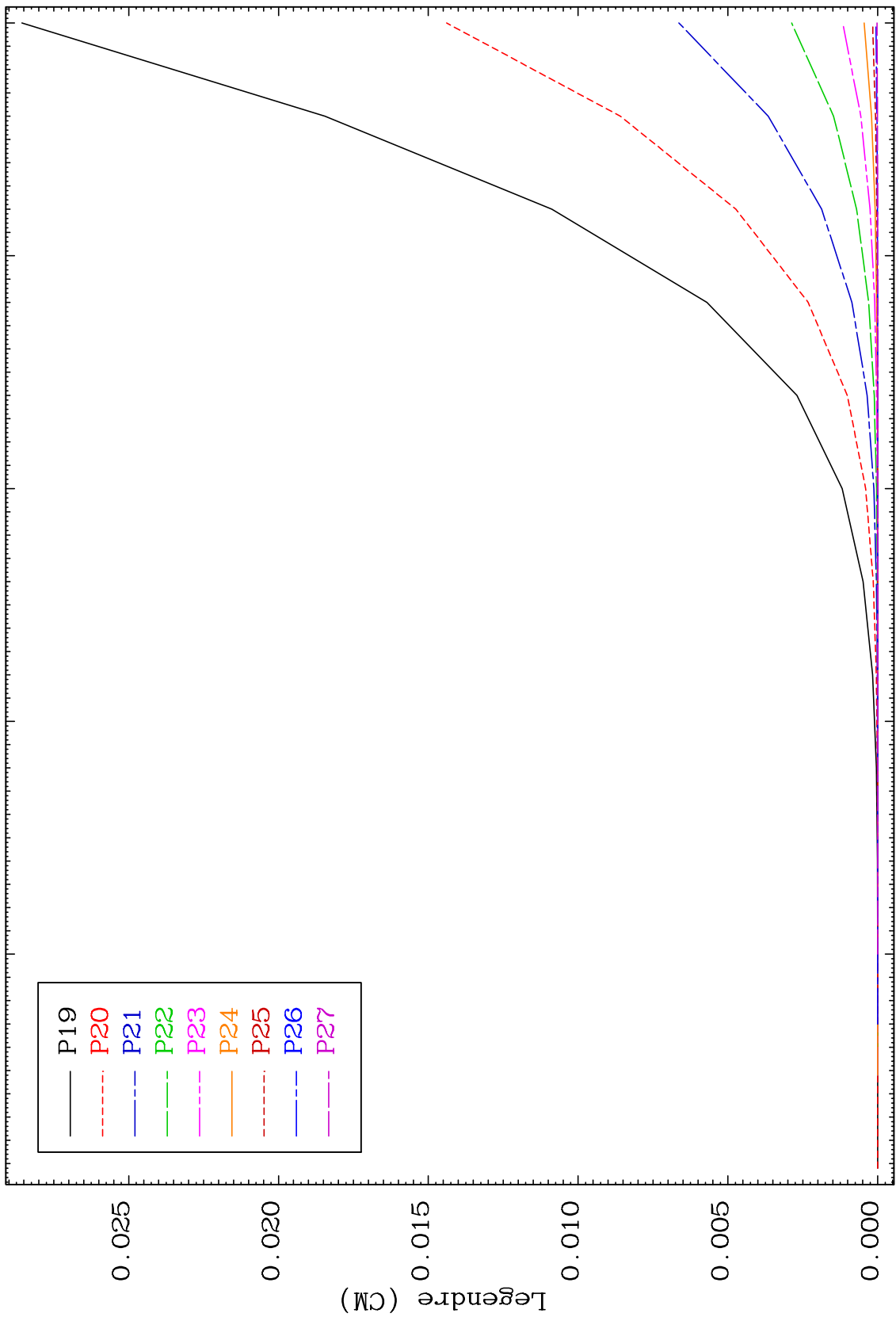
Incident Energy (MeV)

80-Hg-185

MAT 7992

Elastic Legendre Coefficients

80-Hg-185



17

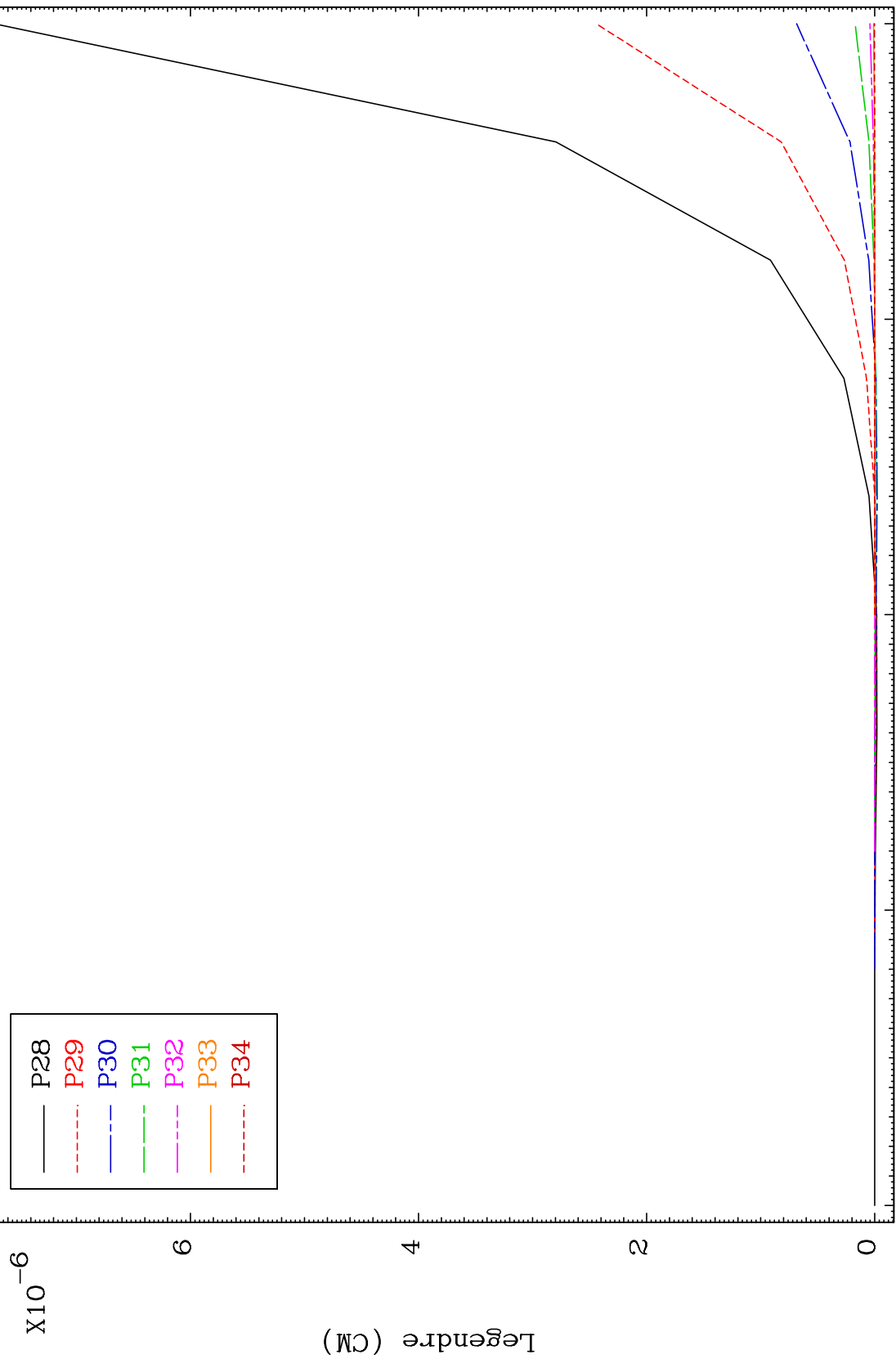
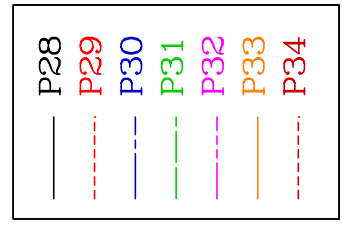
Incident Energy (MeV)

80-Hg-185

MAT 7992

Elastic Legendre Coefficients

80-Hg-185



80-Hg-185

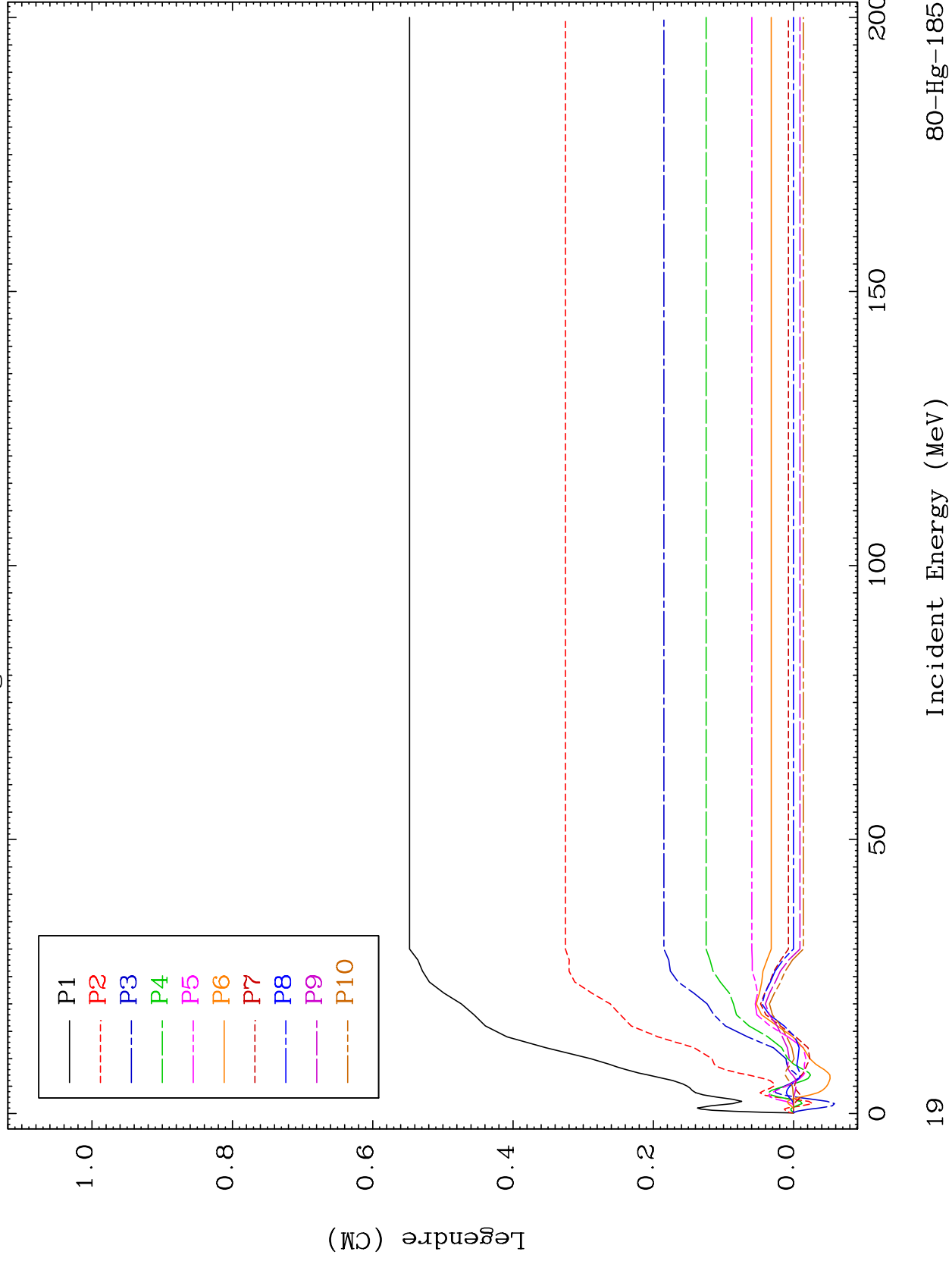
Incident Energy (MeV)

18

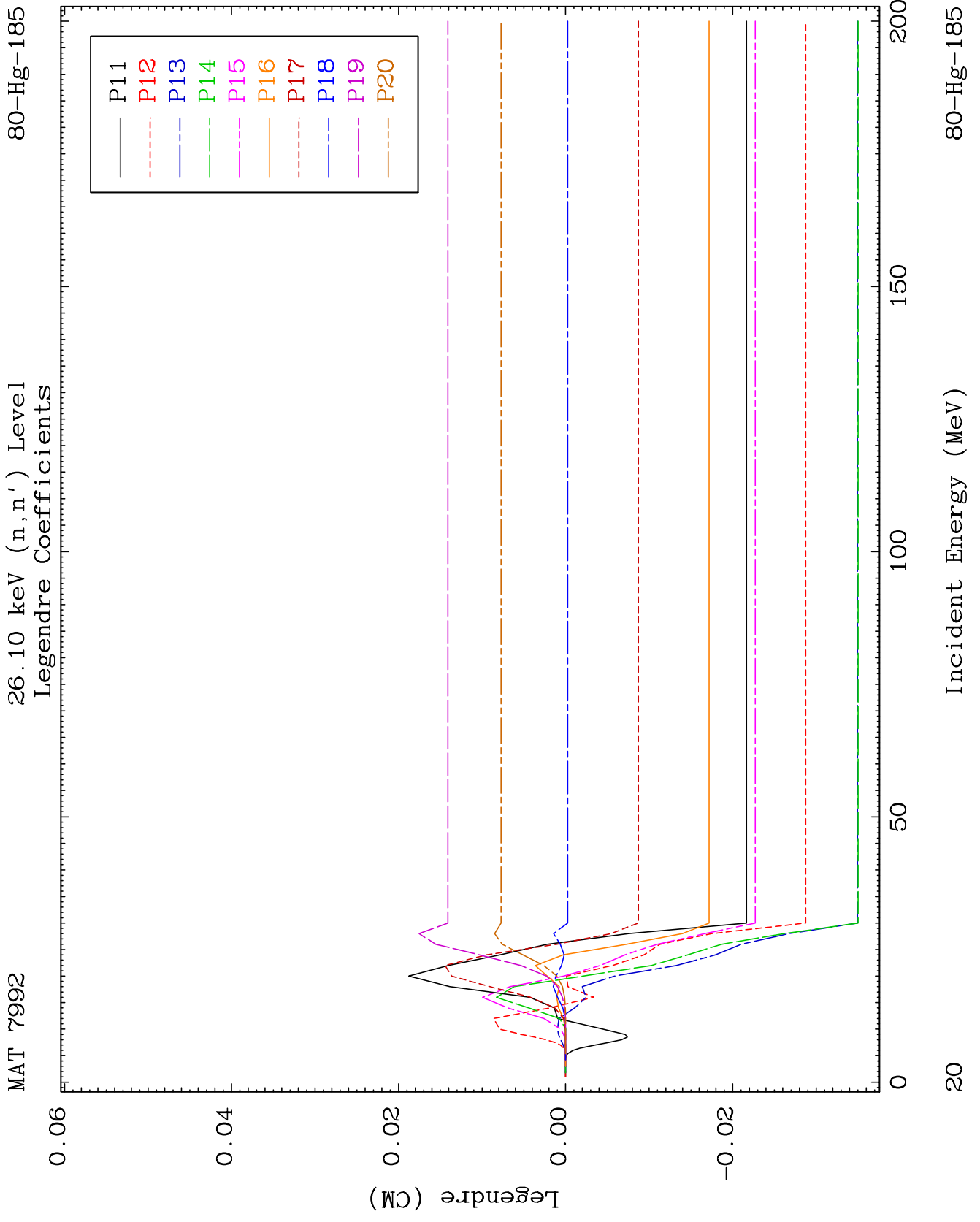
MAT 7992

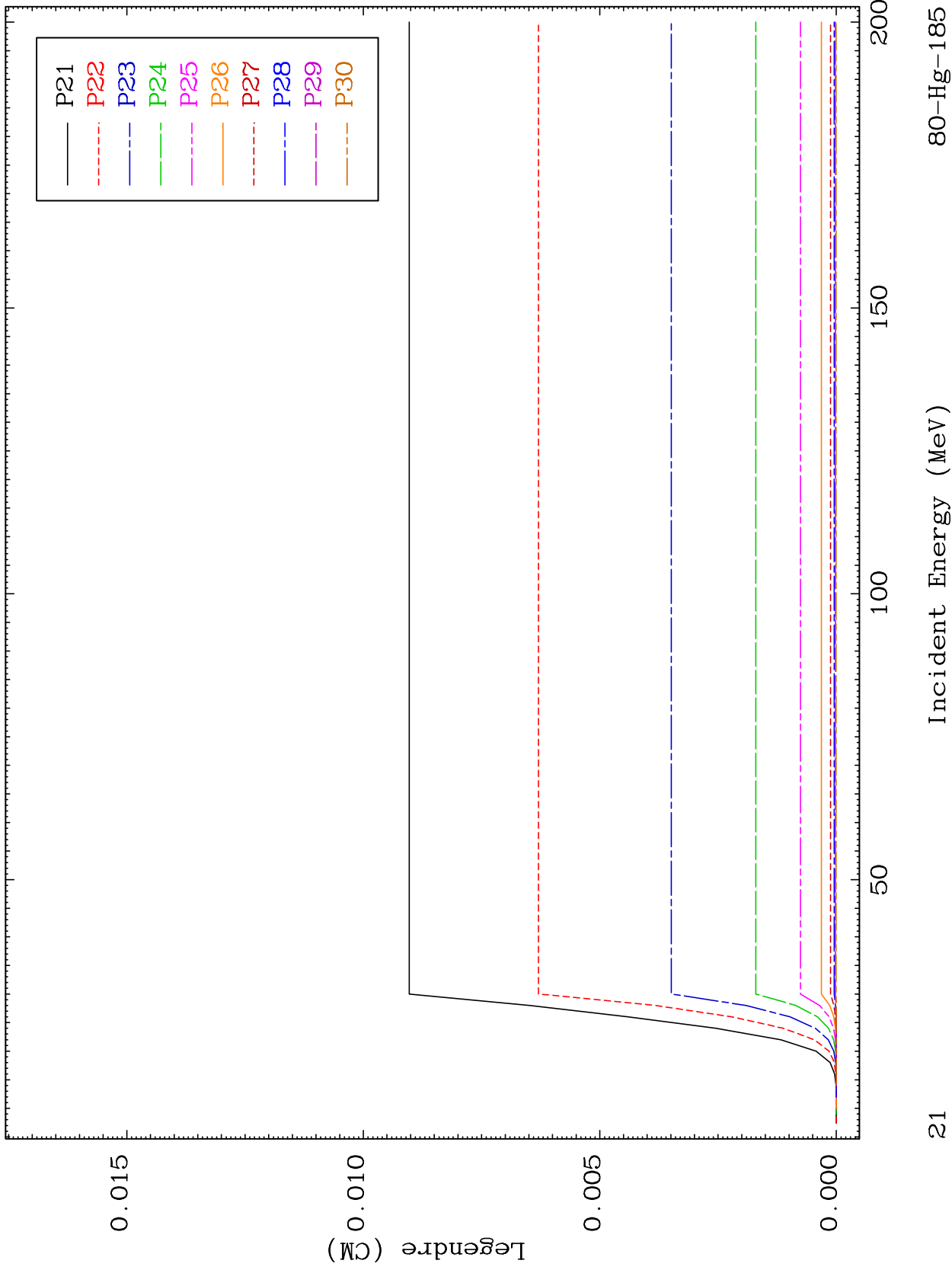
26.10 keV (n,n') Level
Legendre Coefficients

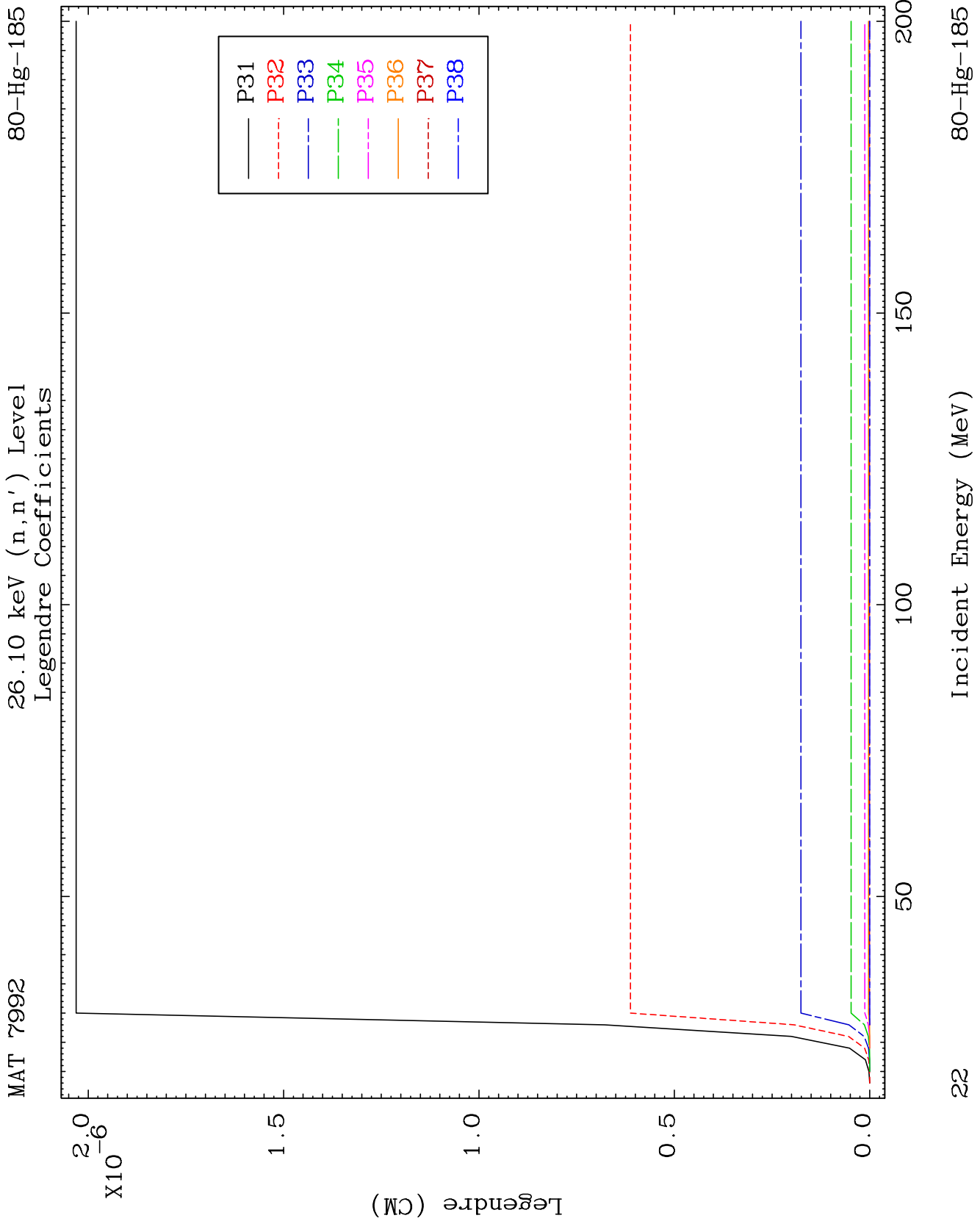
80-Hg-185

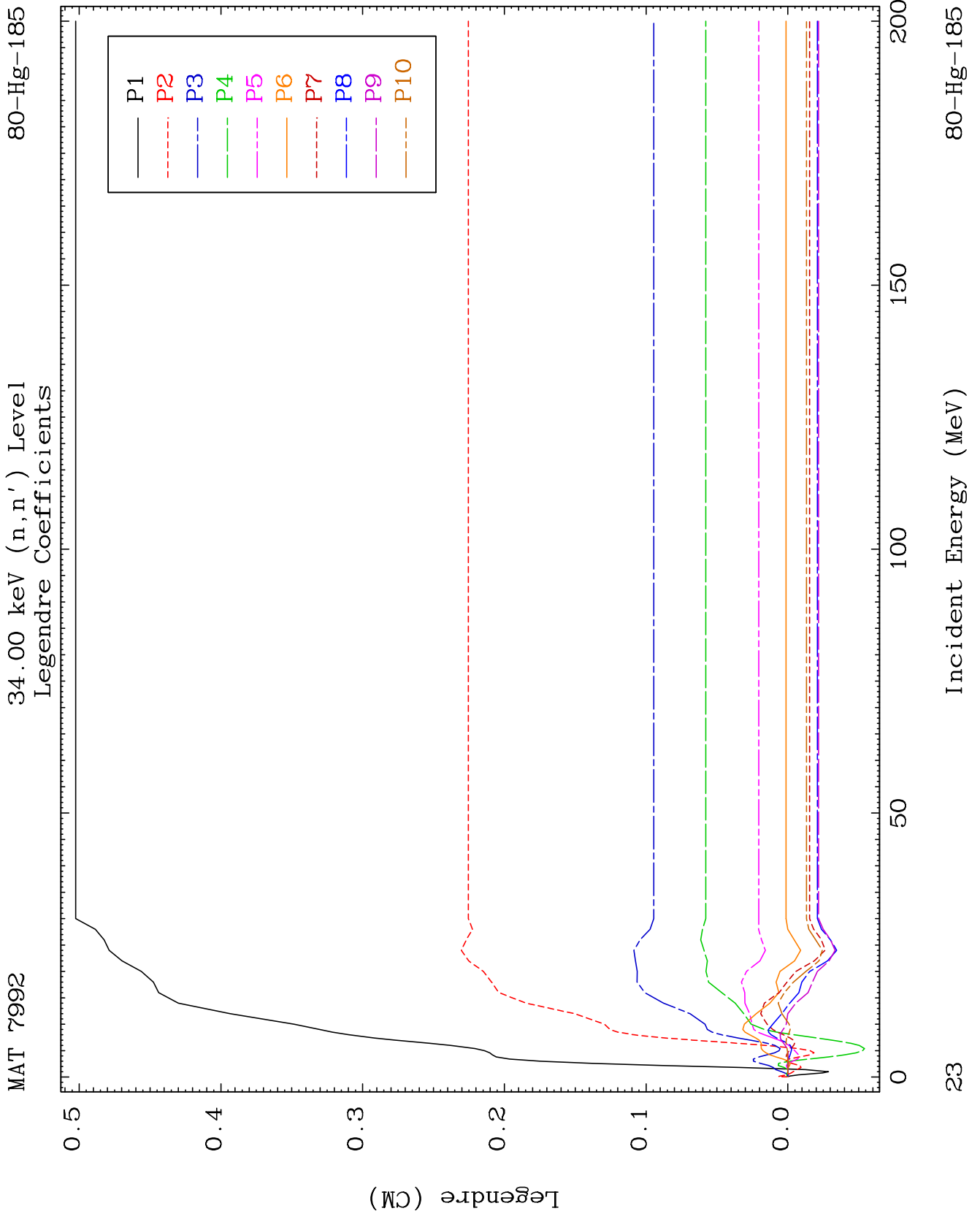


19





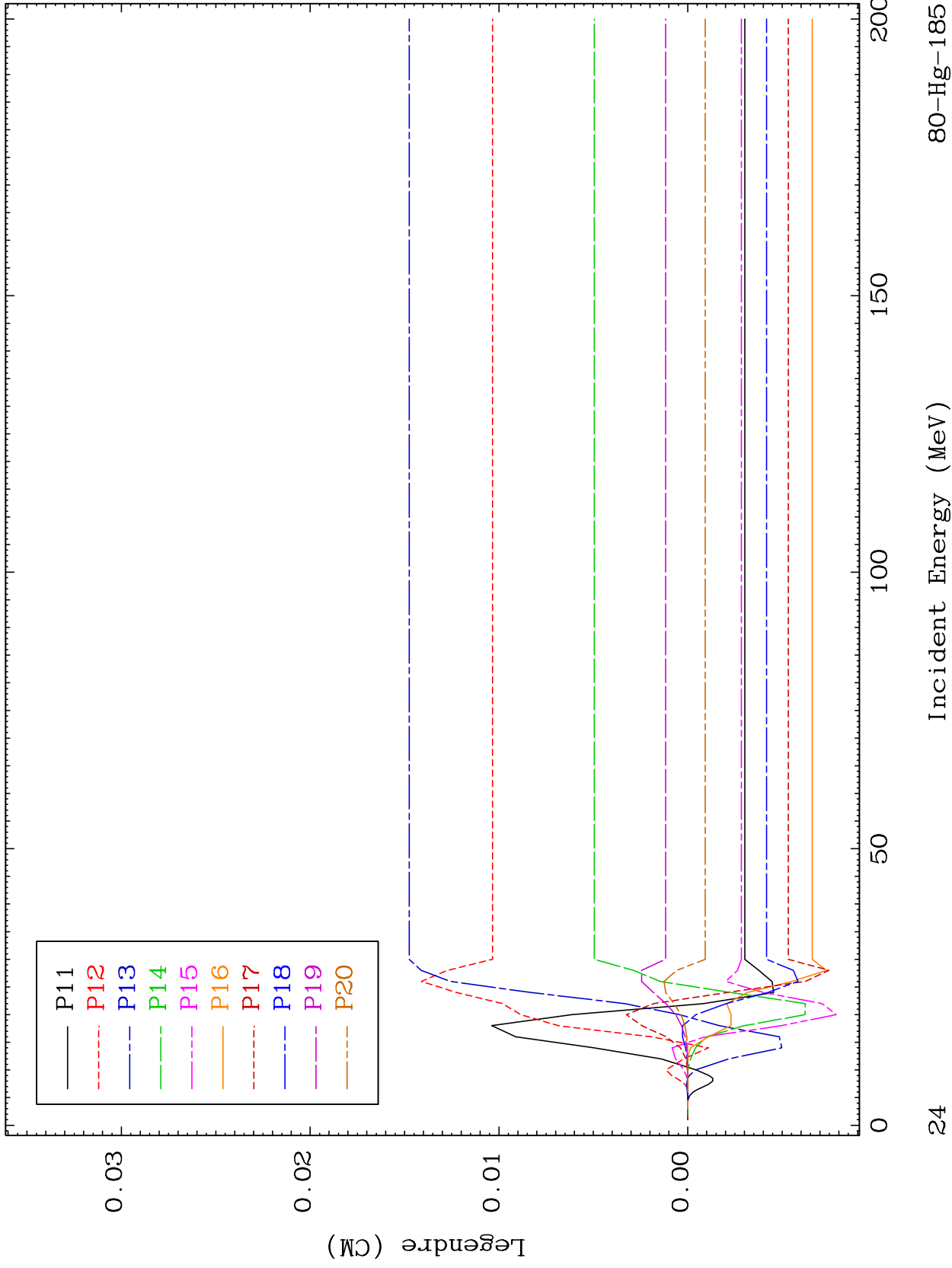




MAT 7992

34.00 keV (n,n') Level
Legendre Coefficients

80-Hg-185



24

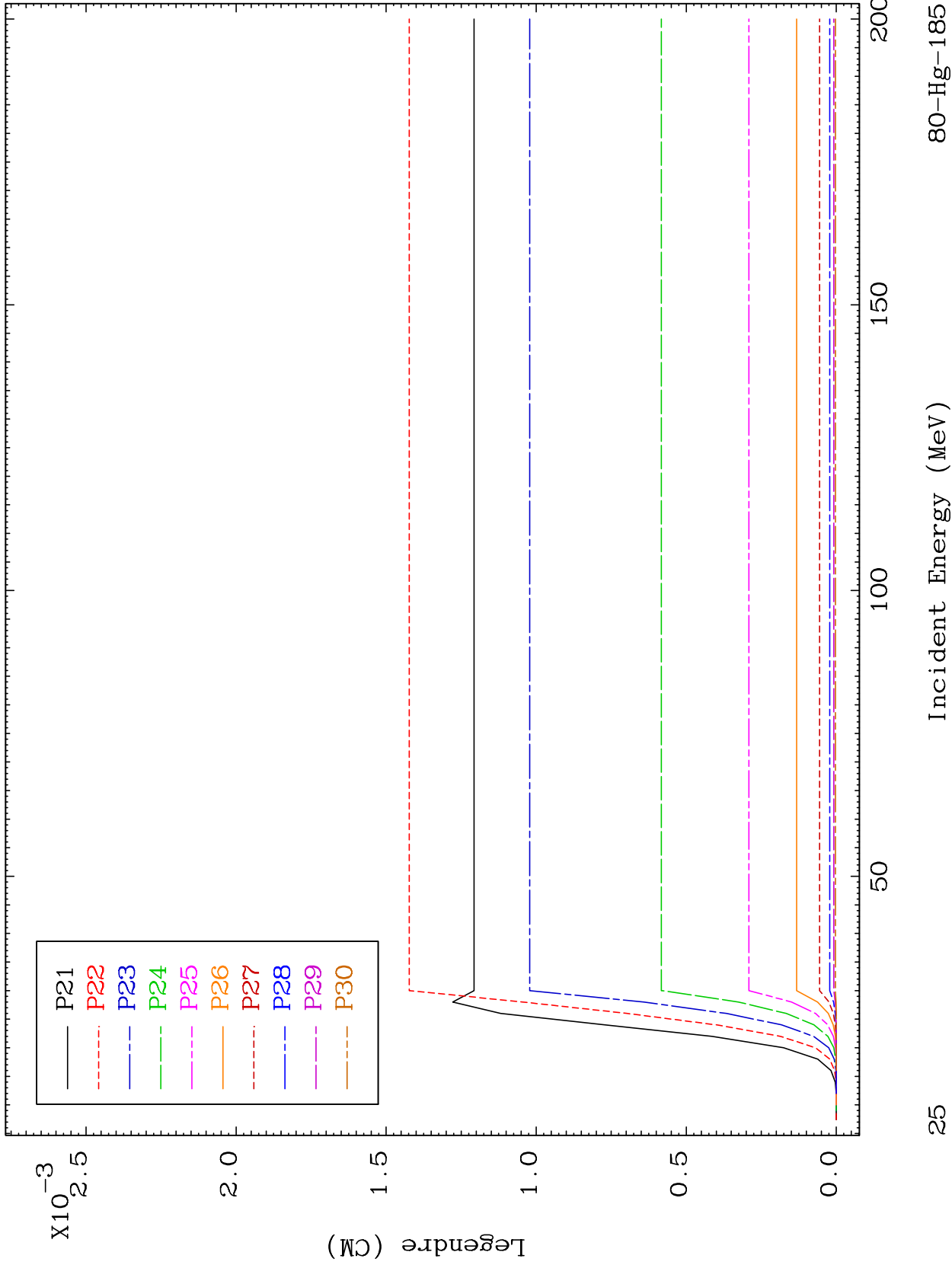
Incident Energy (MeV)

80-Hg-185

MAT 7992

34.00 keV (n,n') Level
Legendre Coefficients

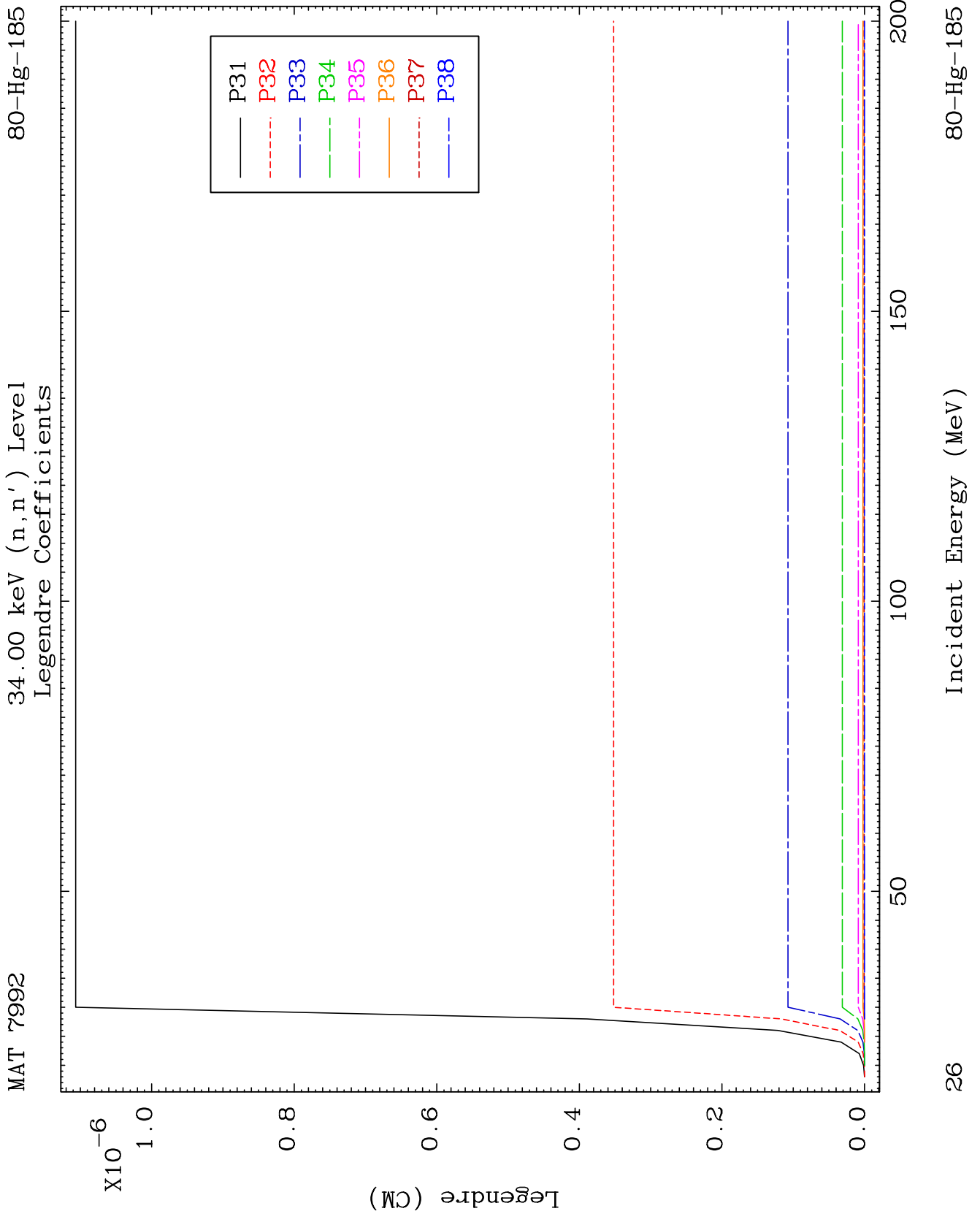
80-Hg-185

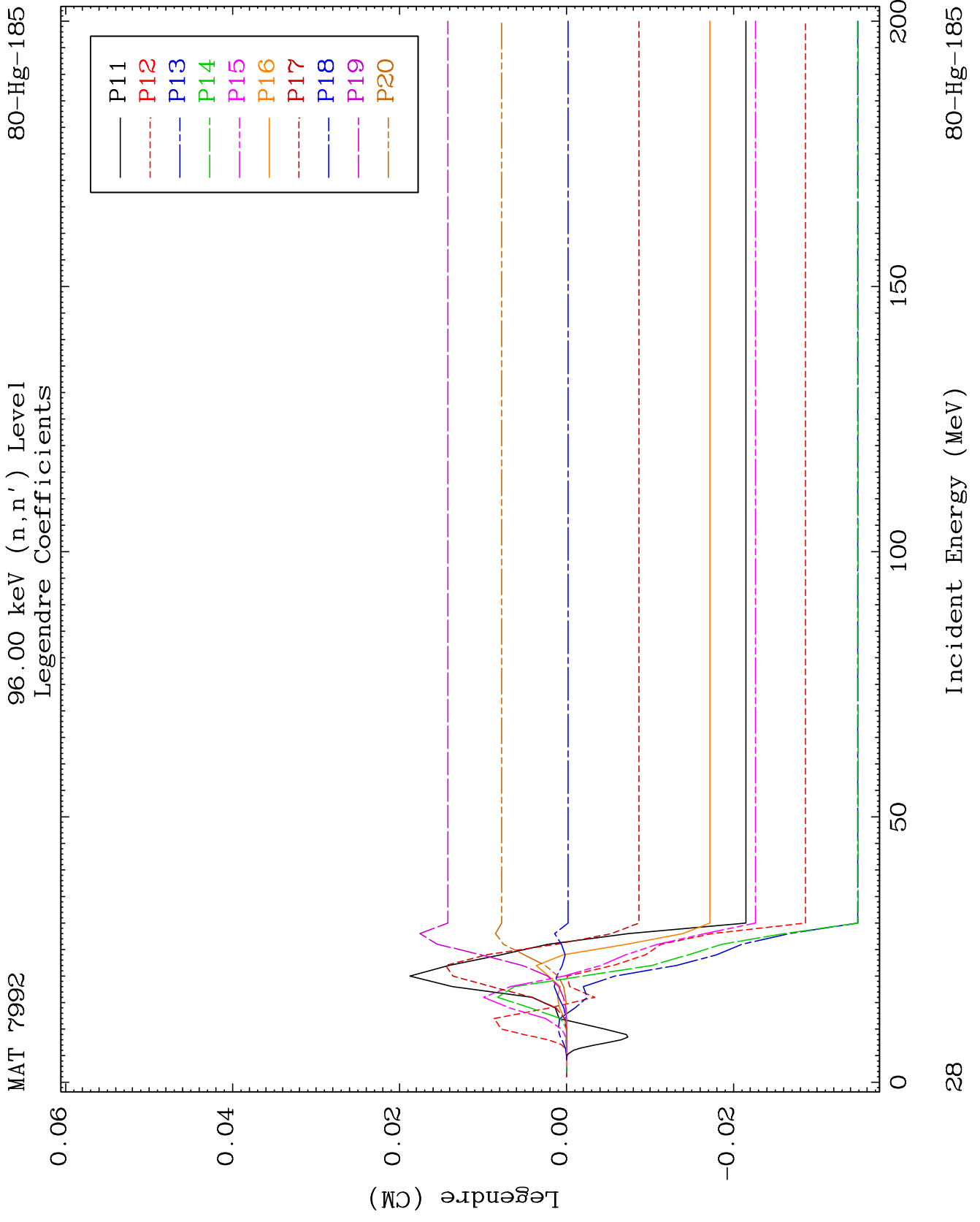


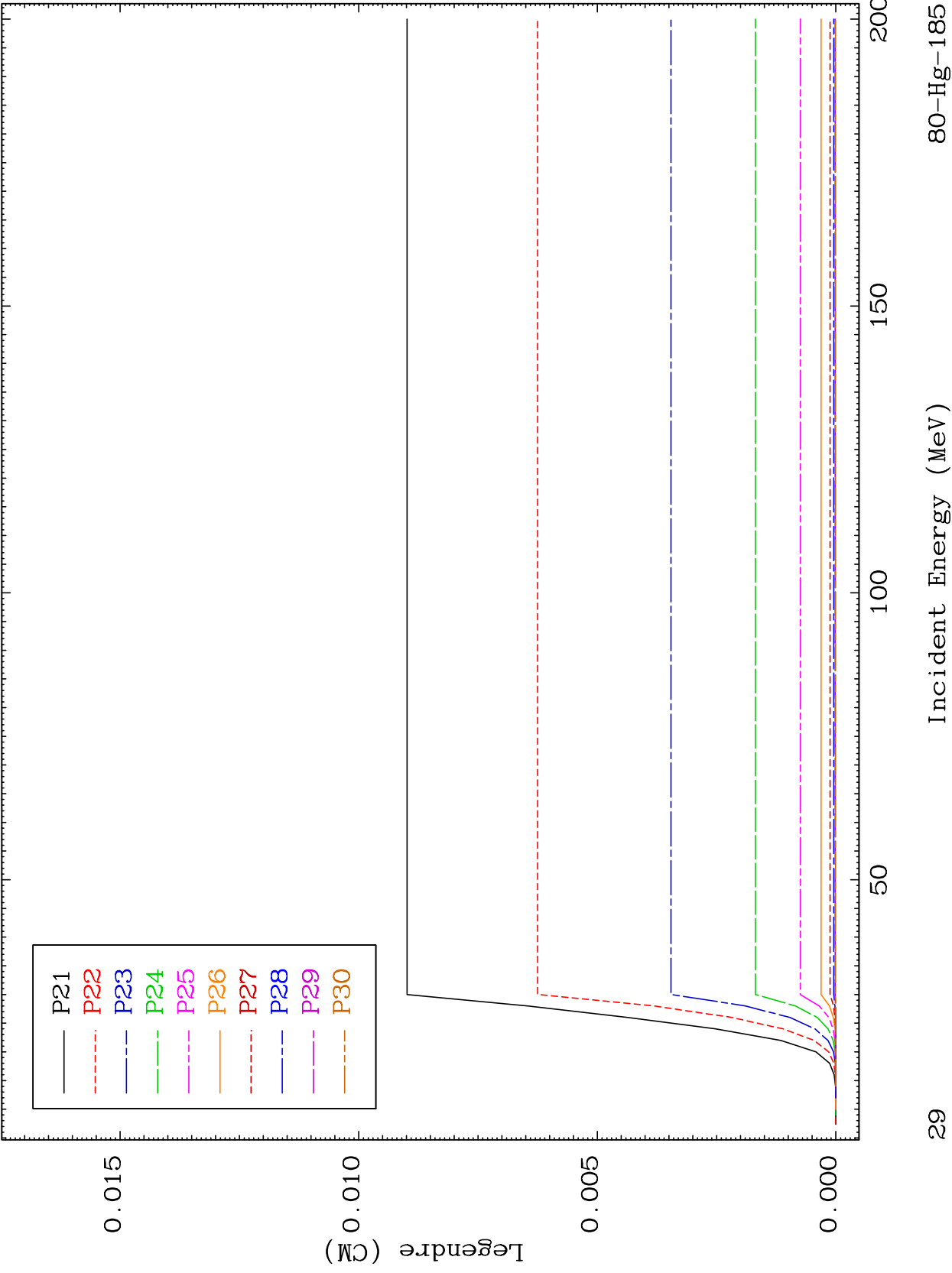
25

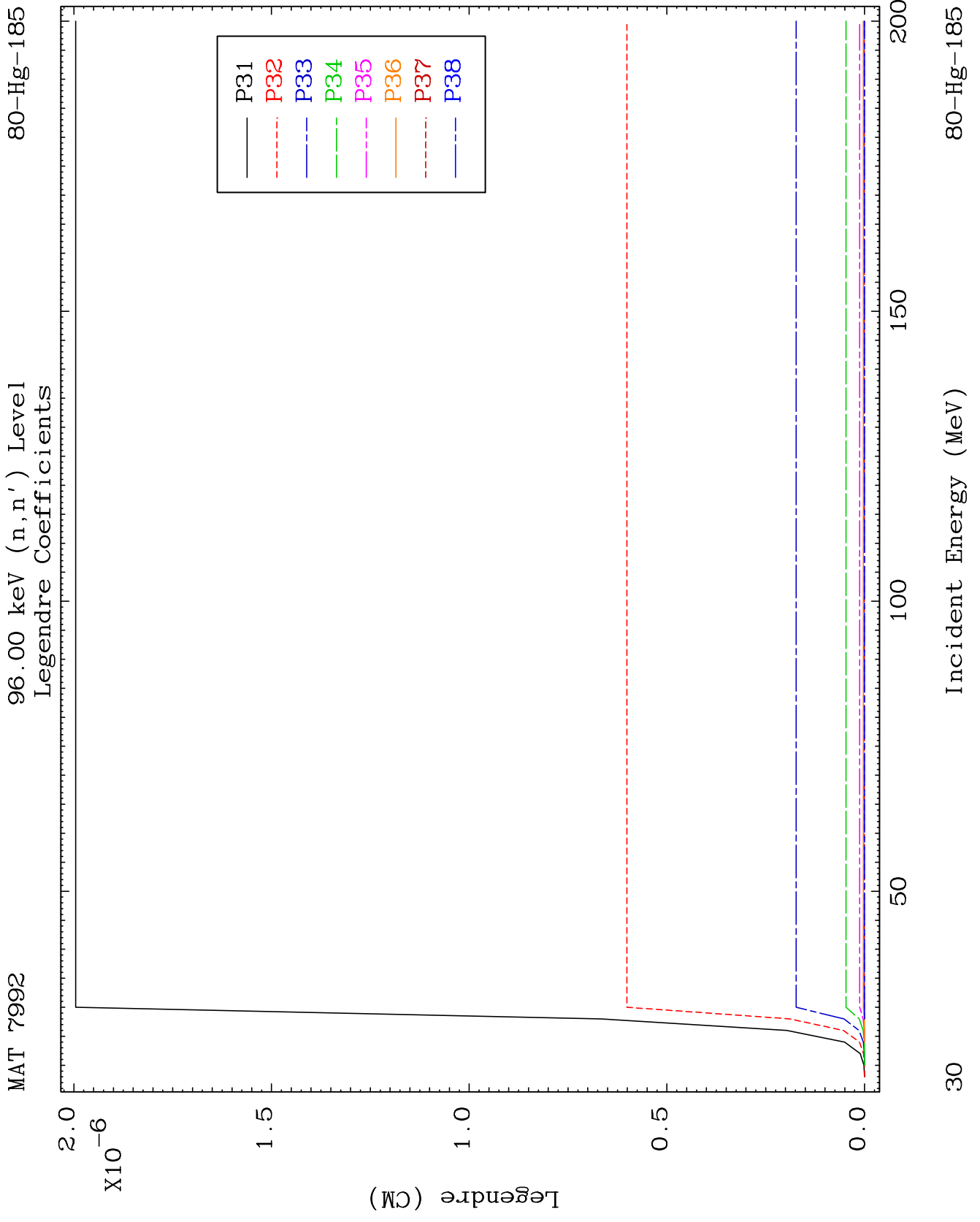
Incident Energy (MeV)

80-Hg-185





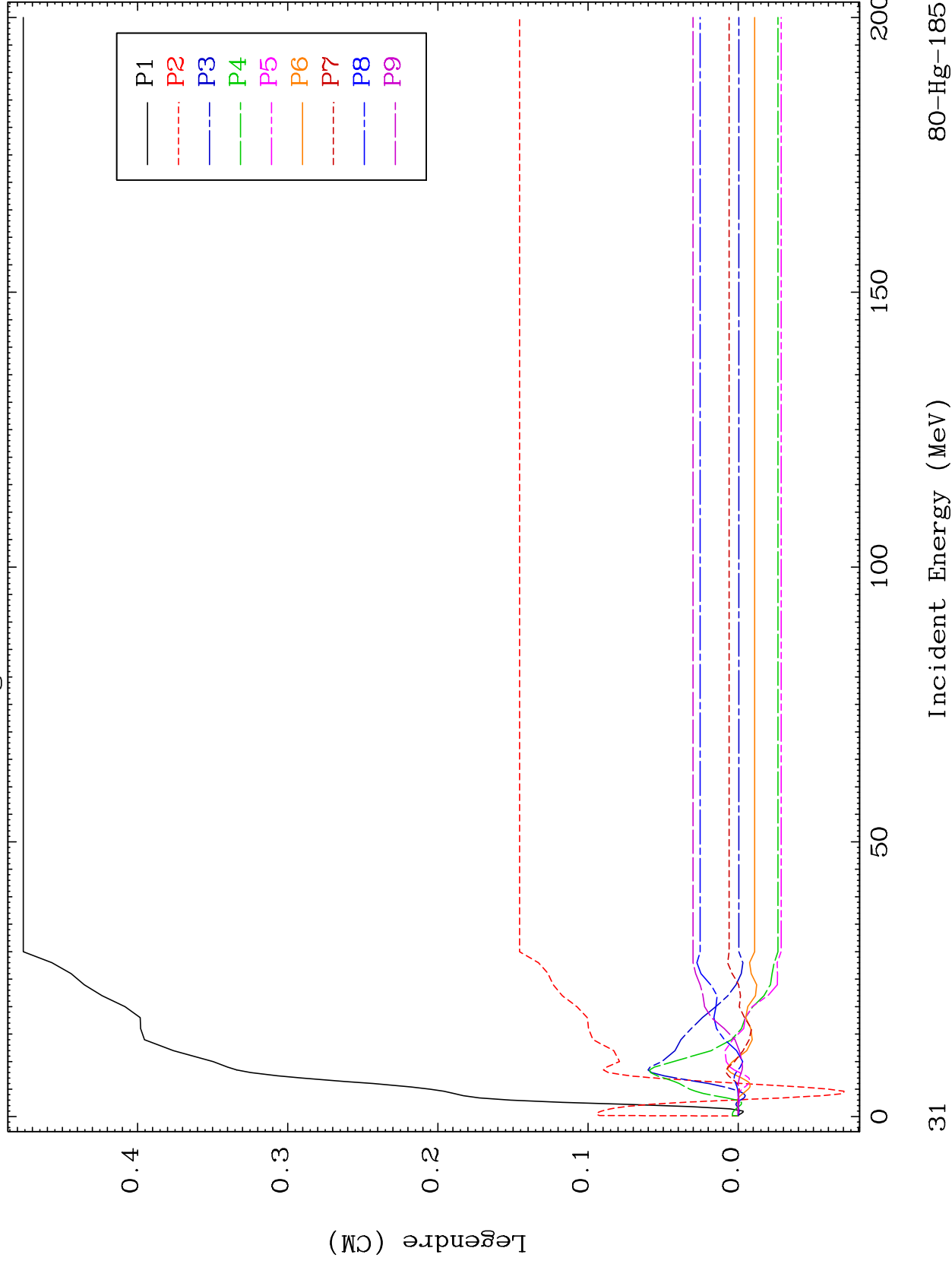




MAT 7992

99.30 keV (n,n') Level
Legendre Coefficients

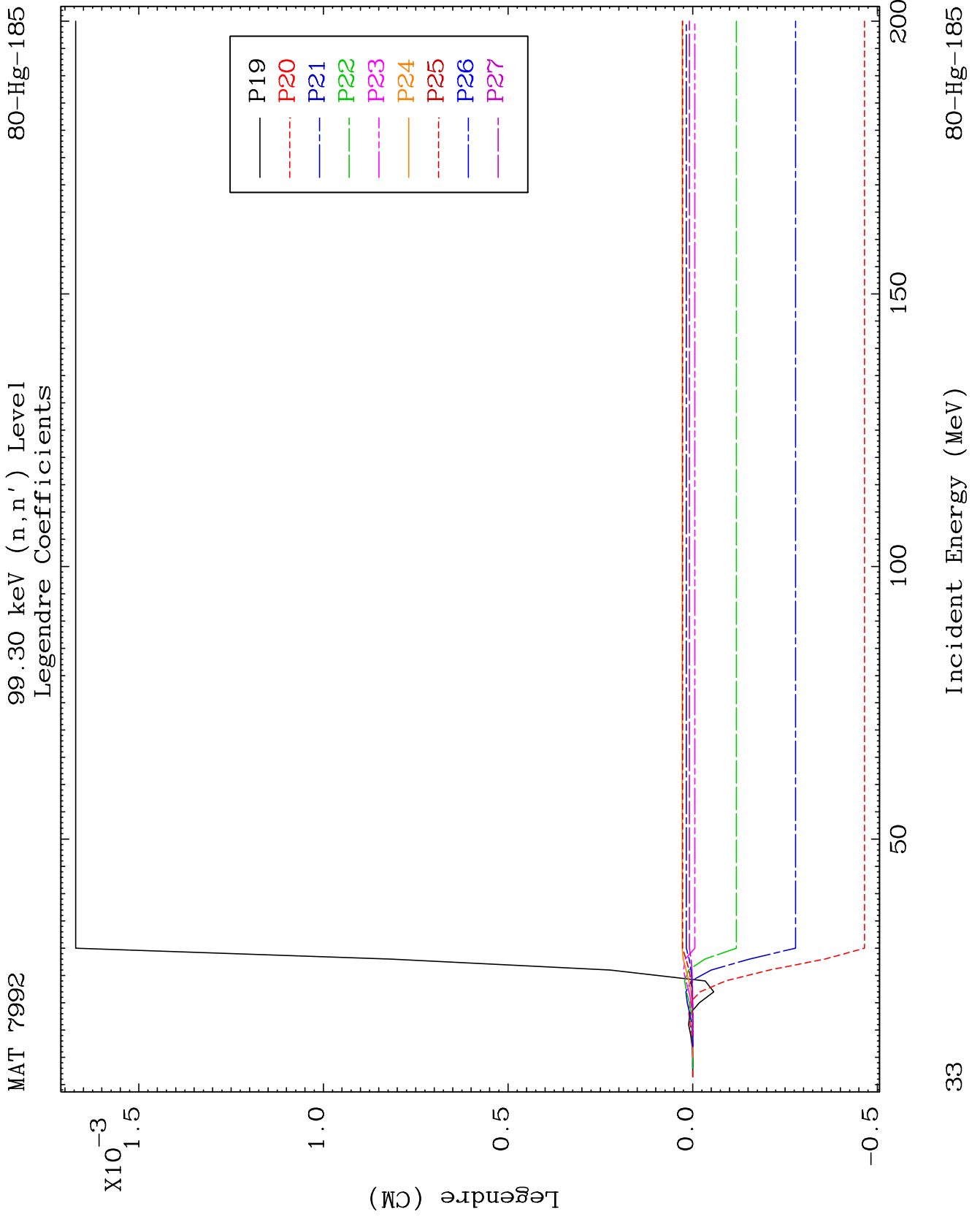
80-Hg-185

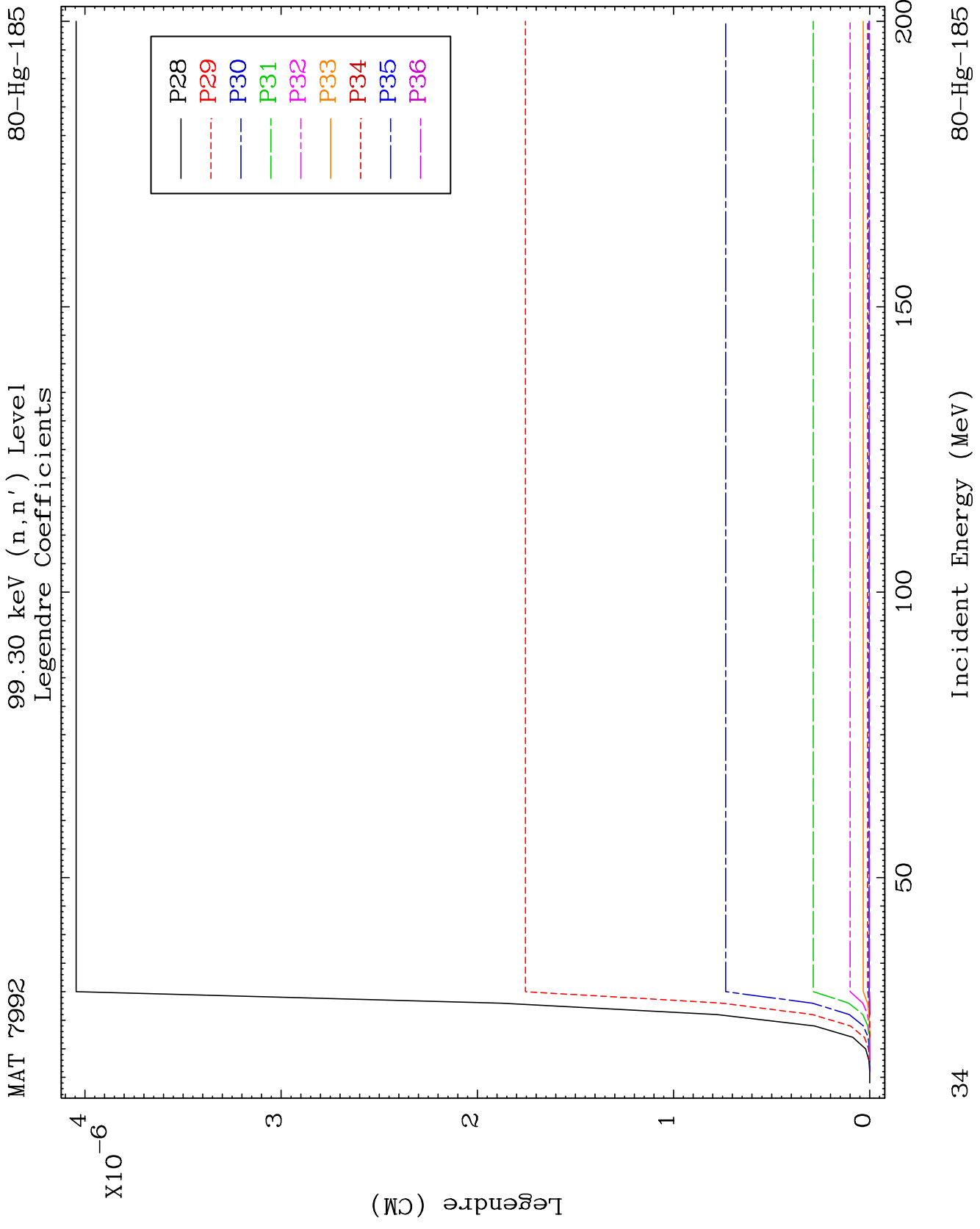


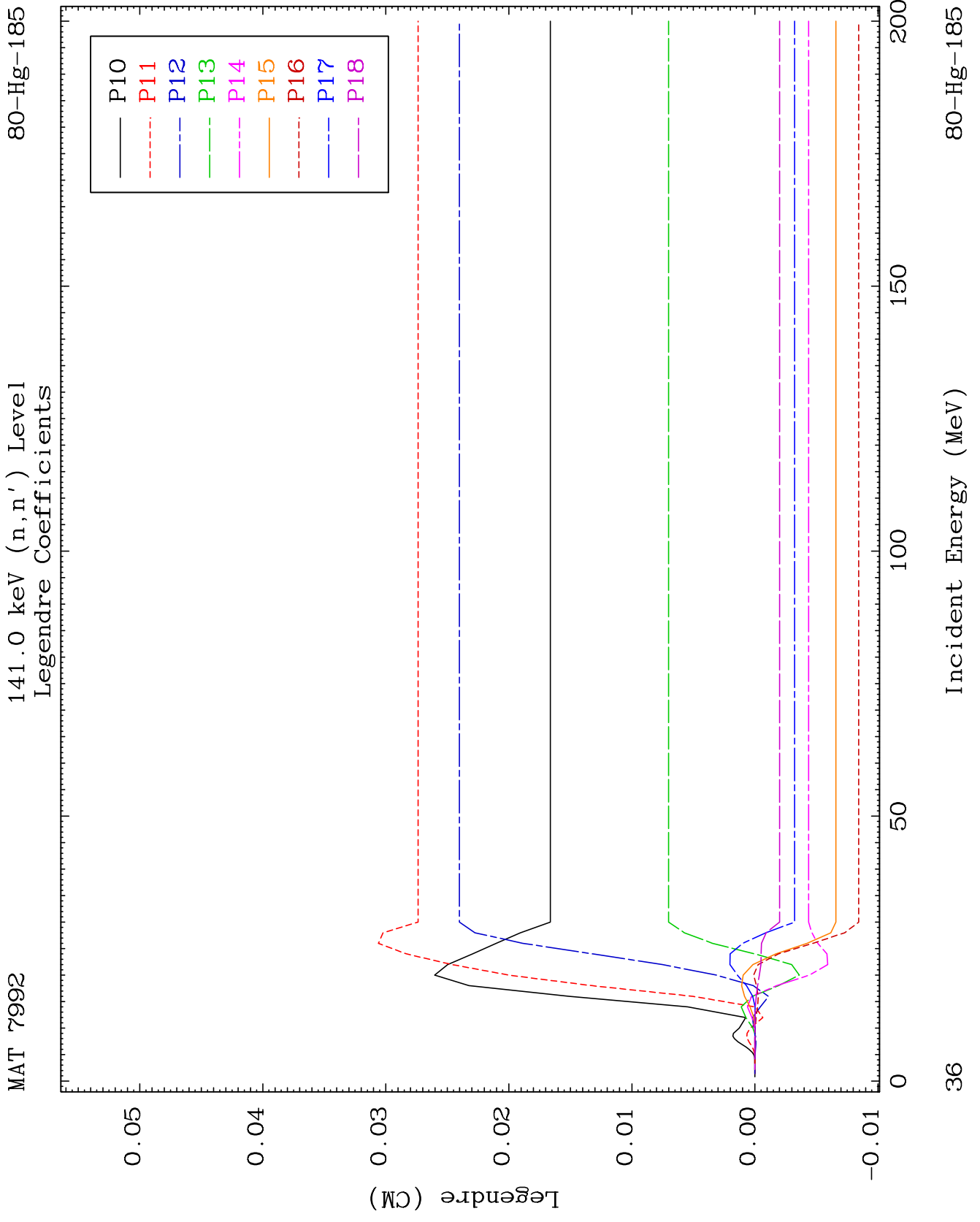
80-Hg-185

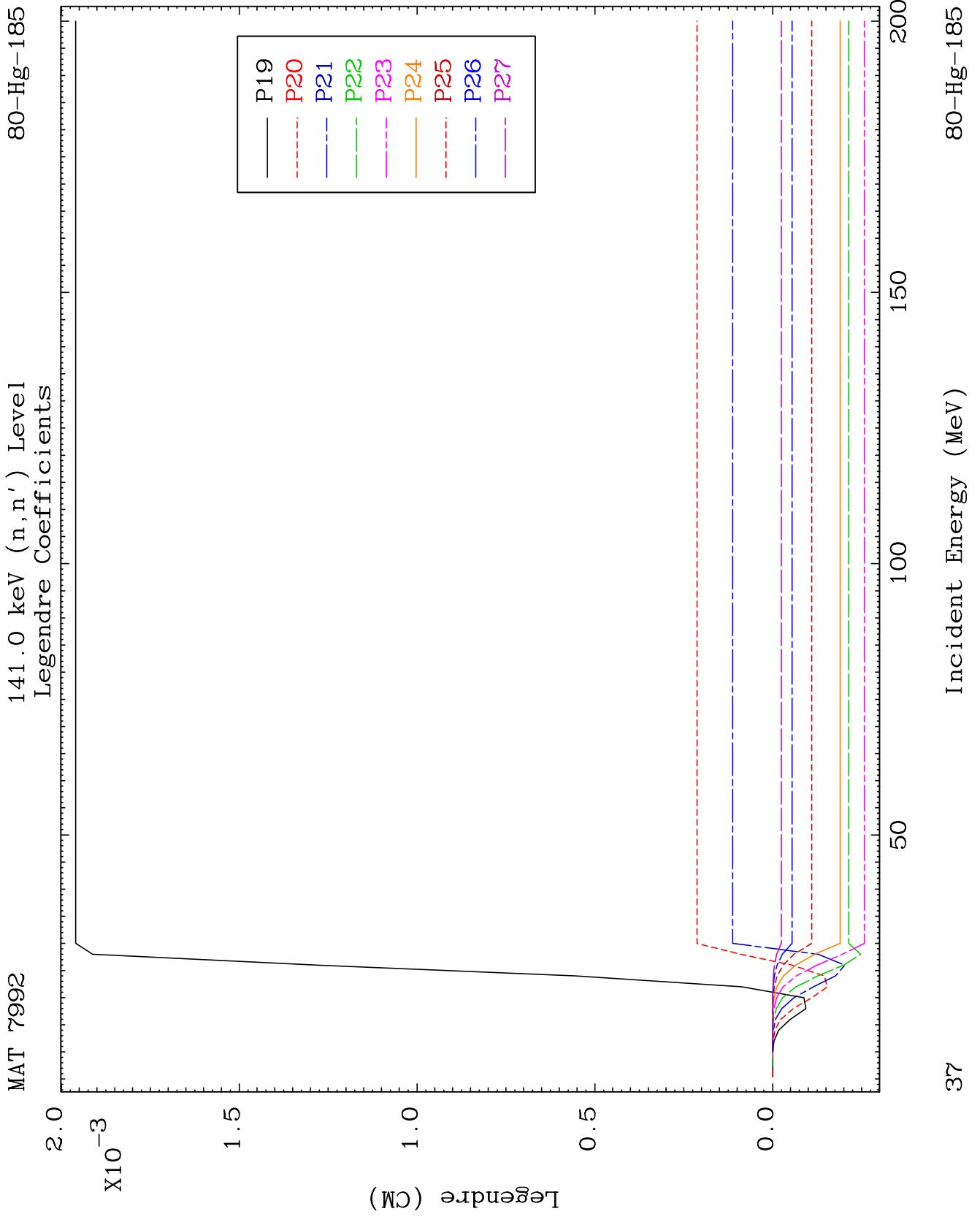
Incident Energy (MeV)

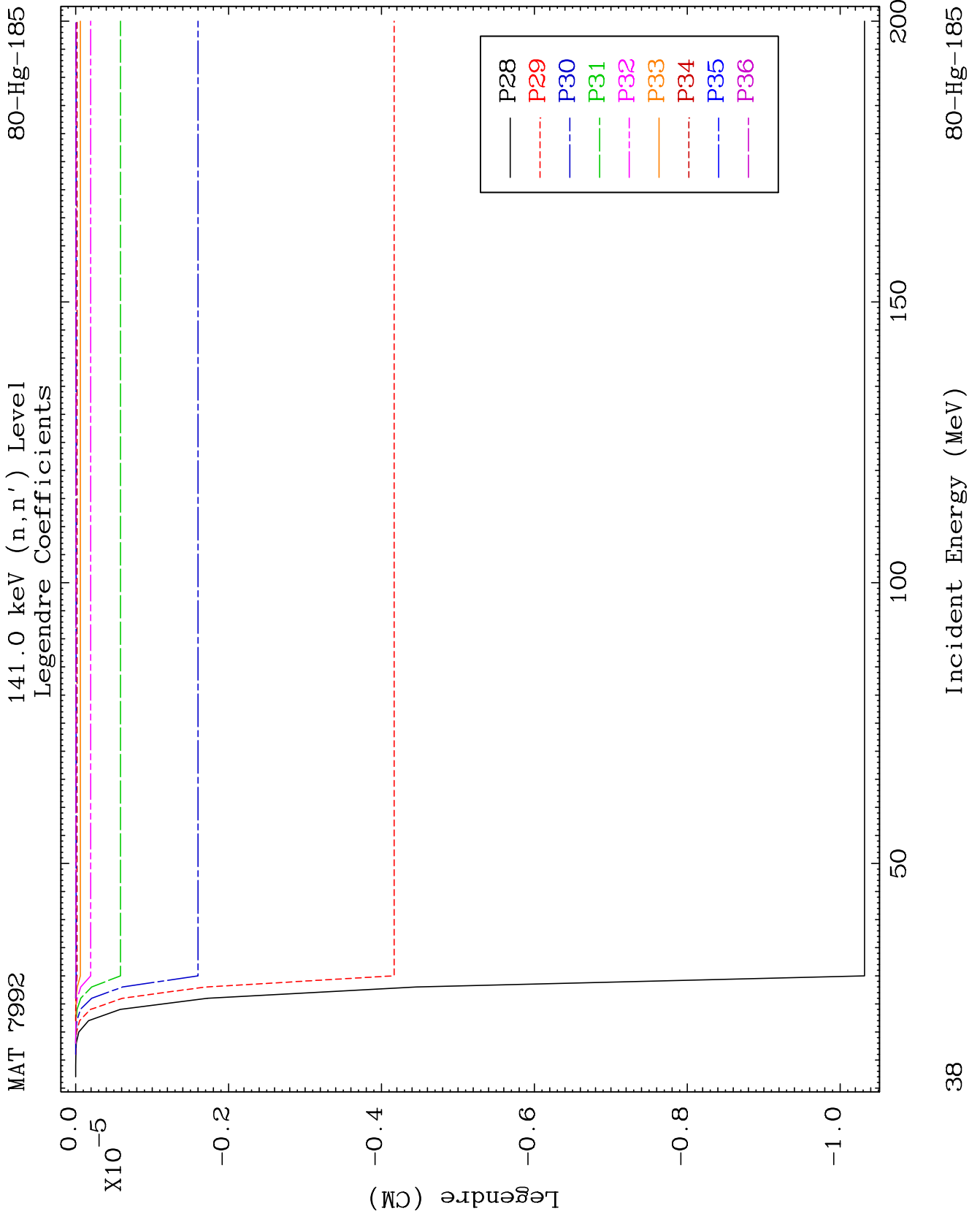
31

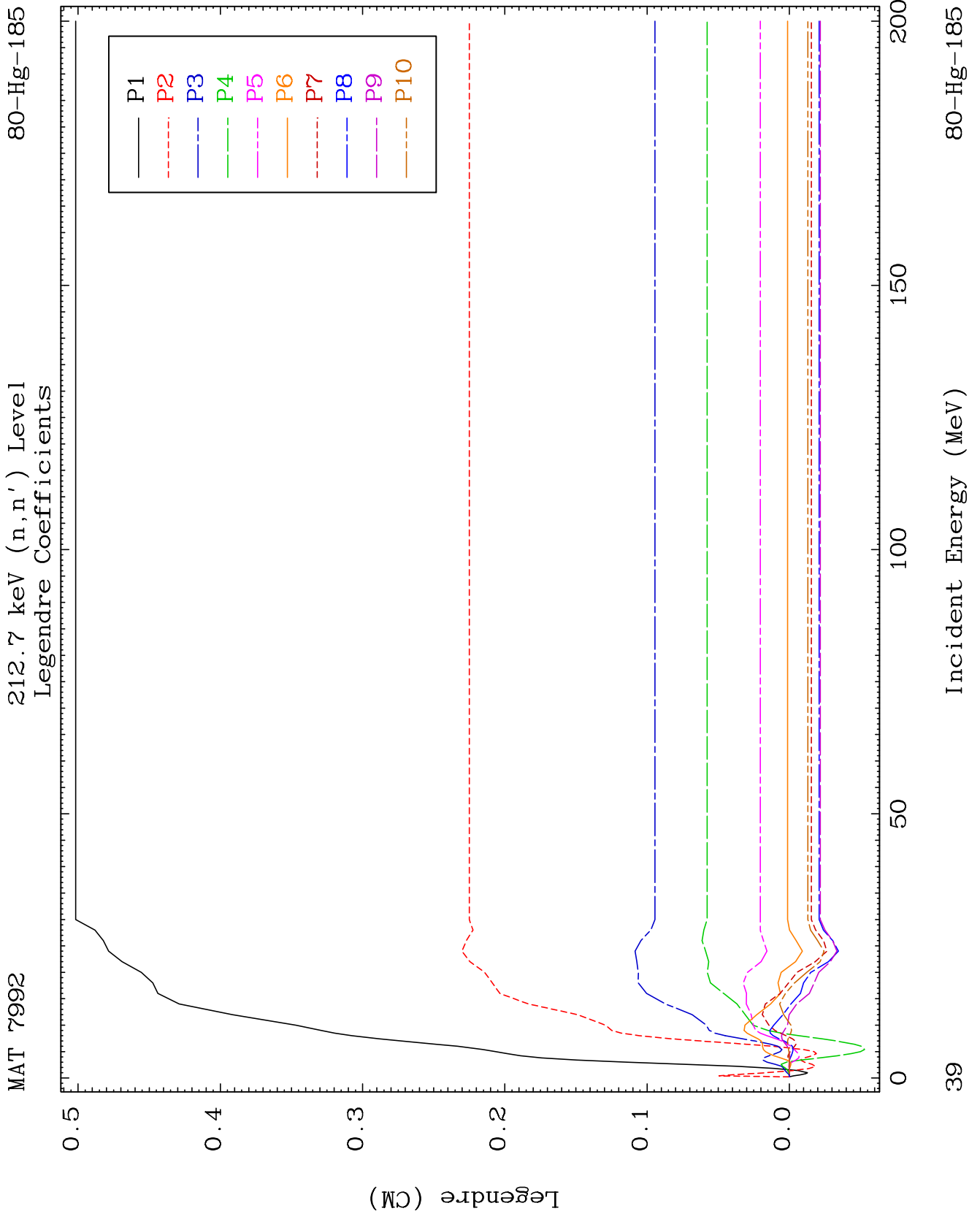








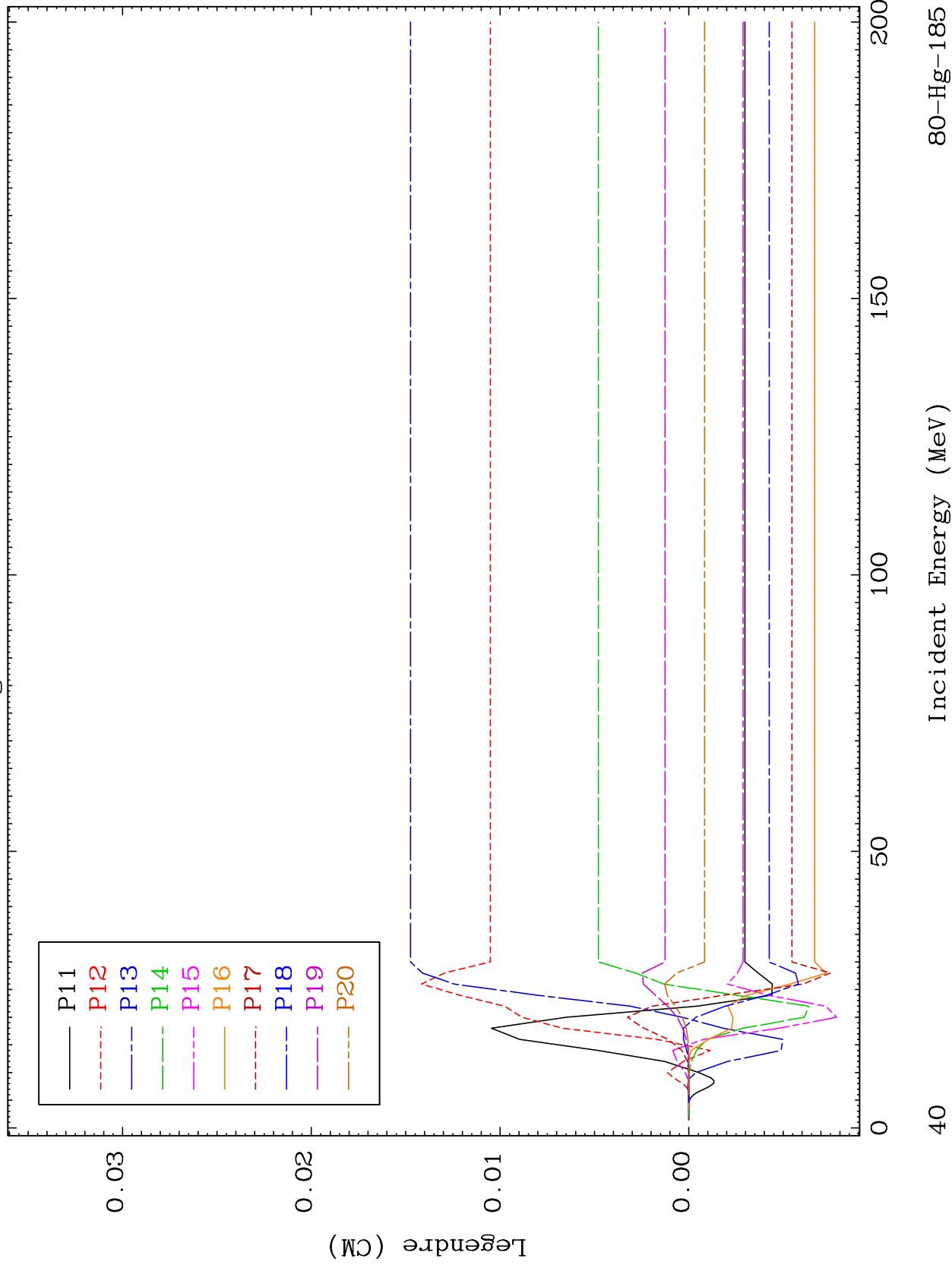




MAT 7992

212.7 keV (n,n') Level
Legendre Coefficients

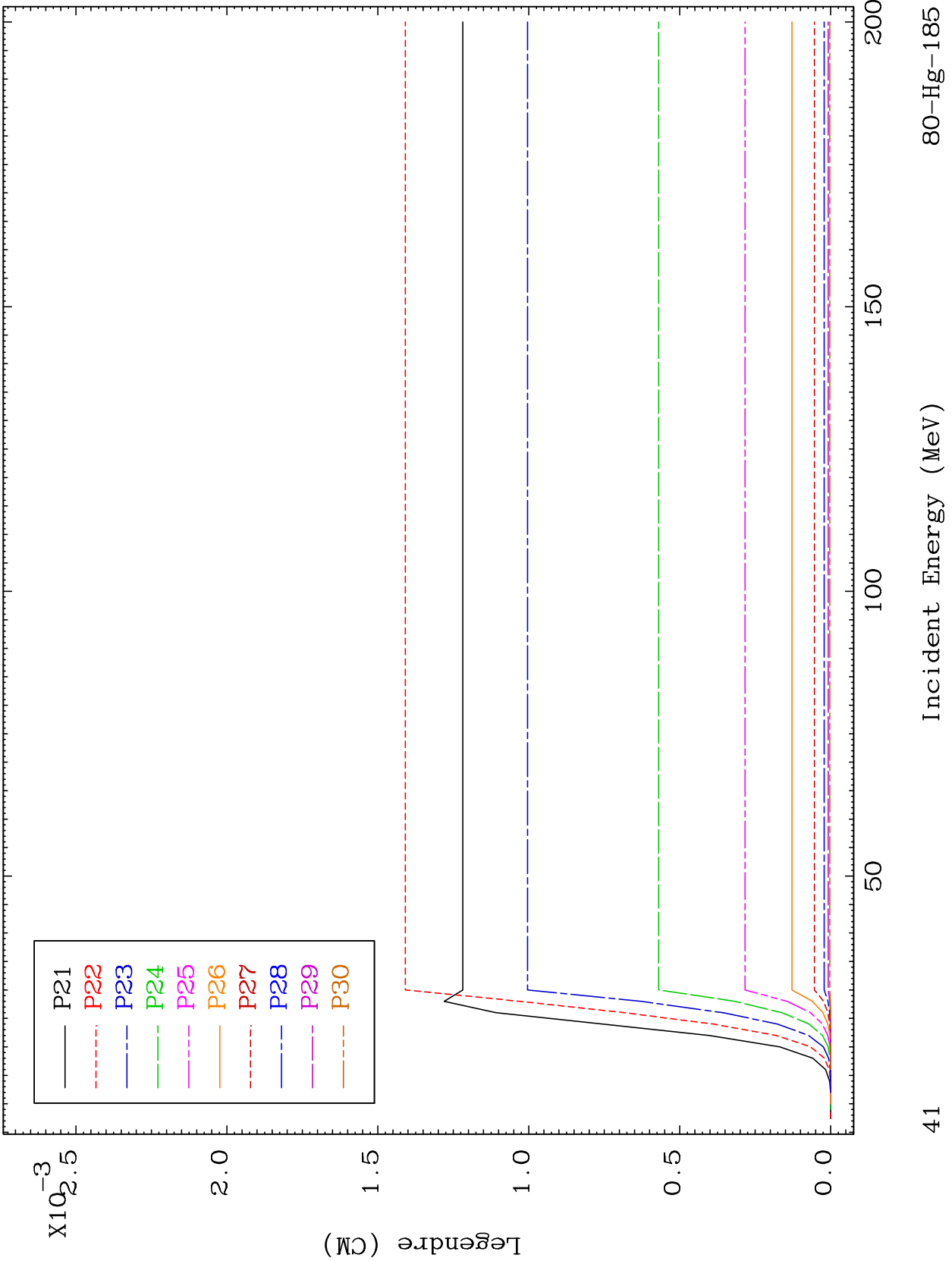
80-Hg-185



80-Hg-185

Incident Energy (MeV)

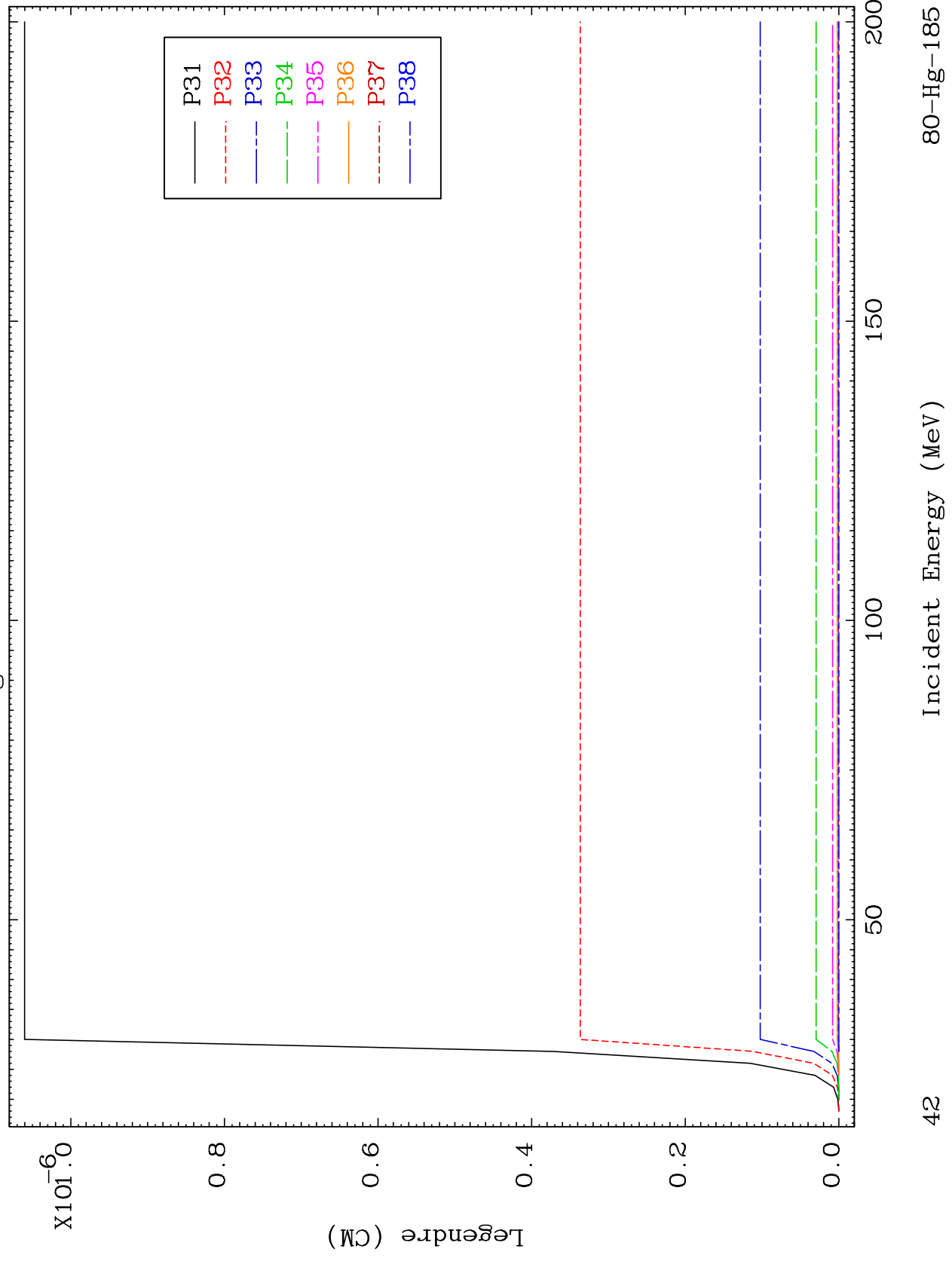
40



MAT 7992

212.7 keV (n,n') Level
Legendre Coefficients

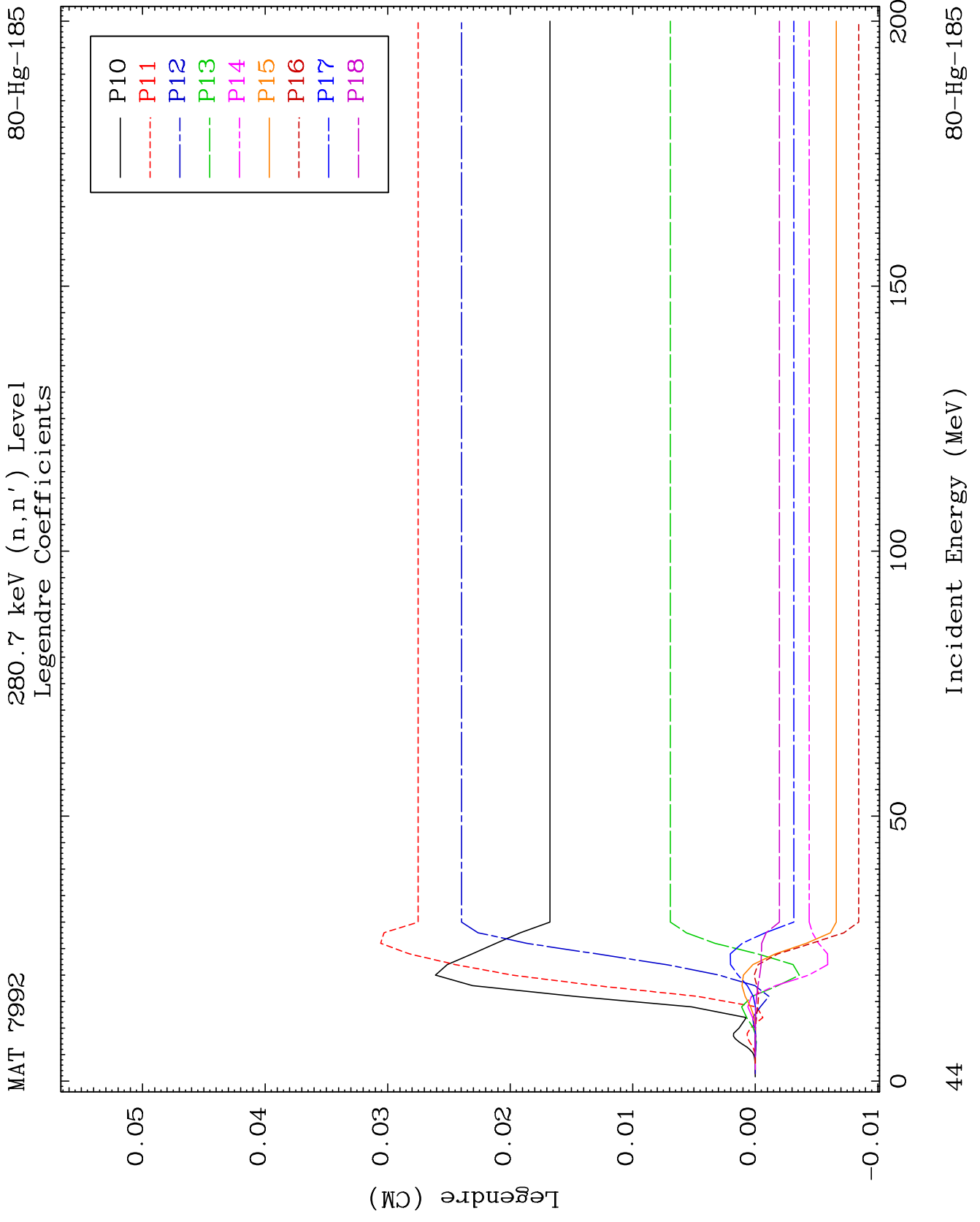
80-Hg-185

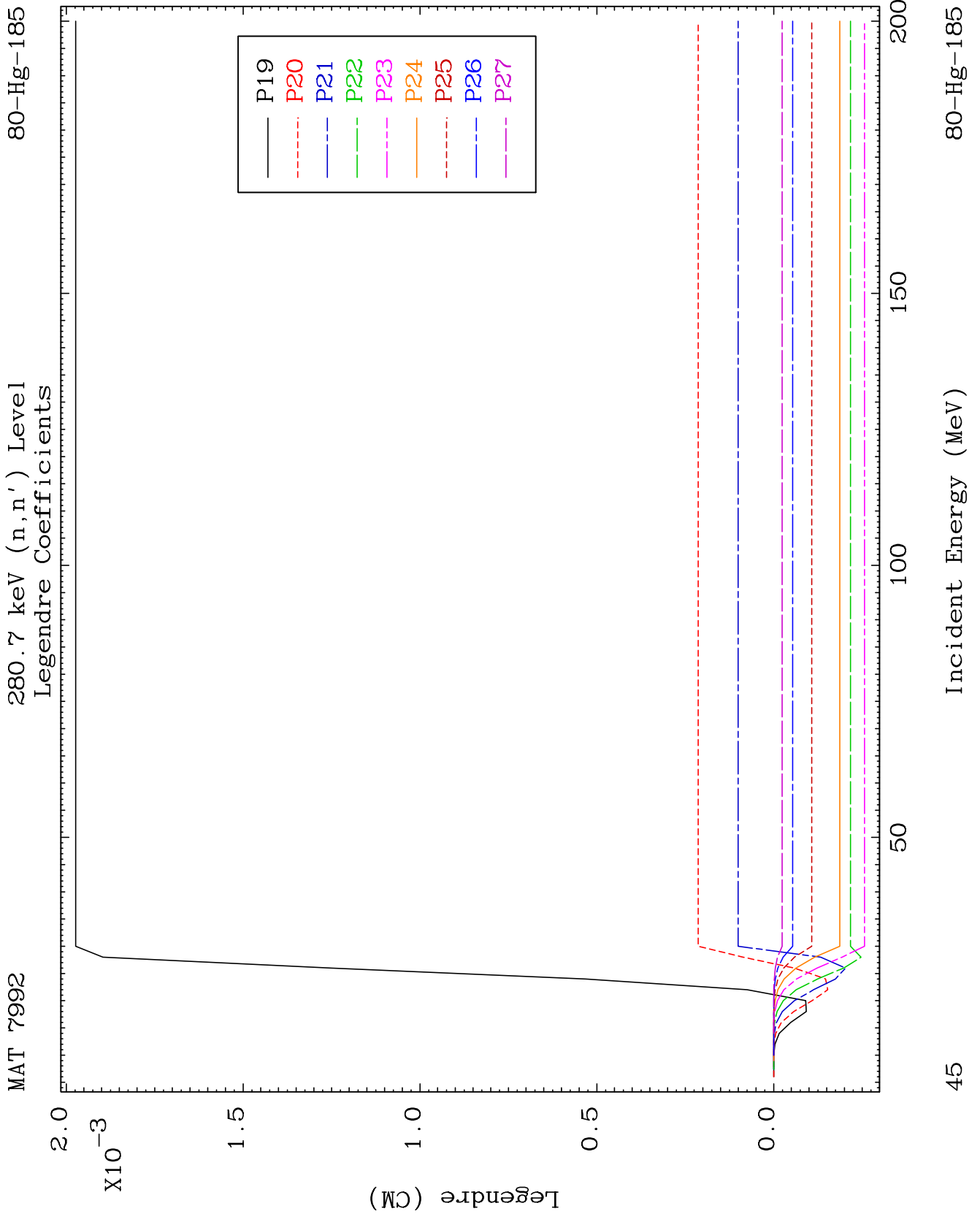


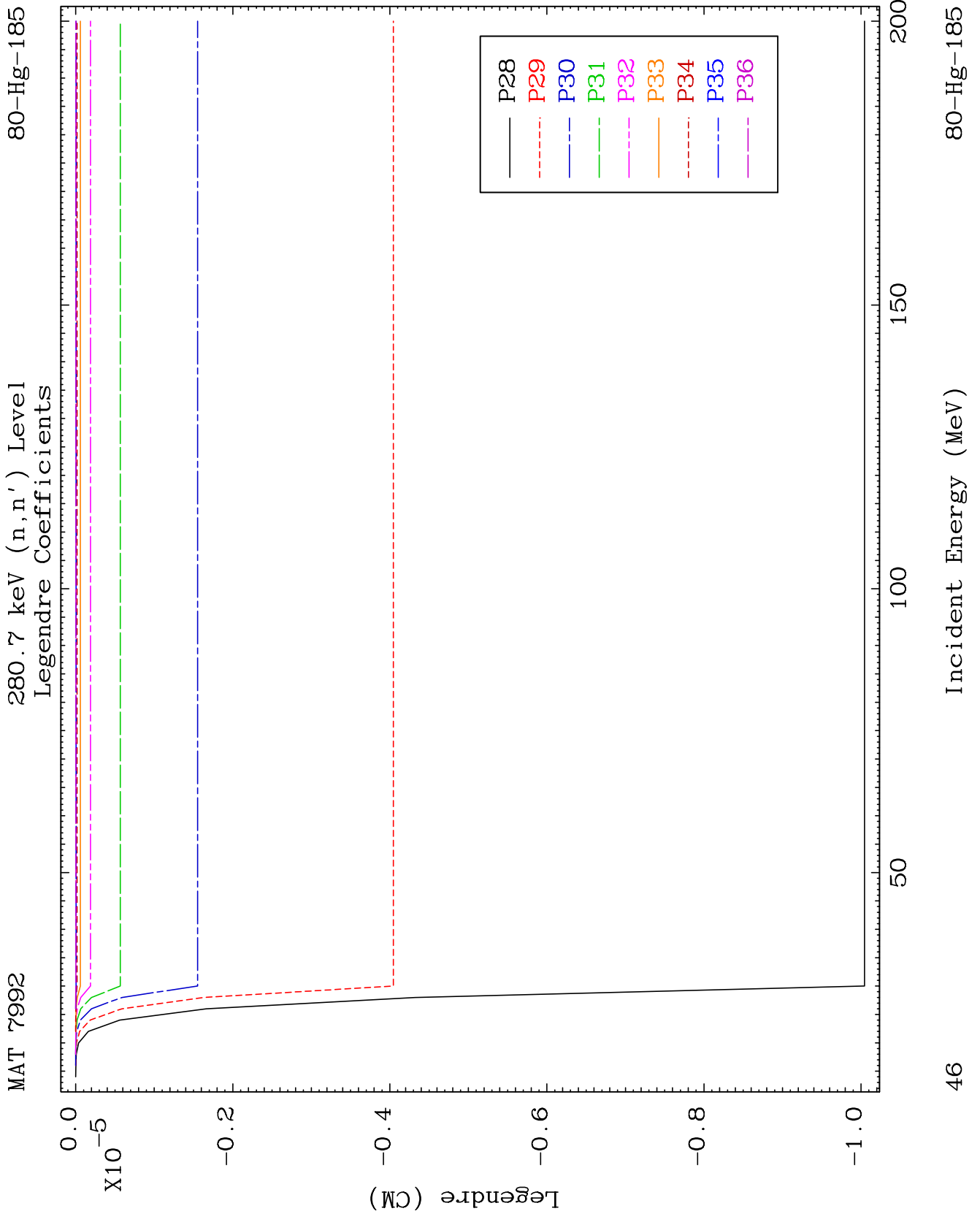
42

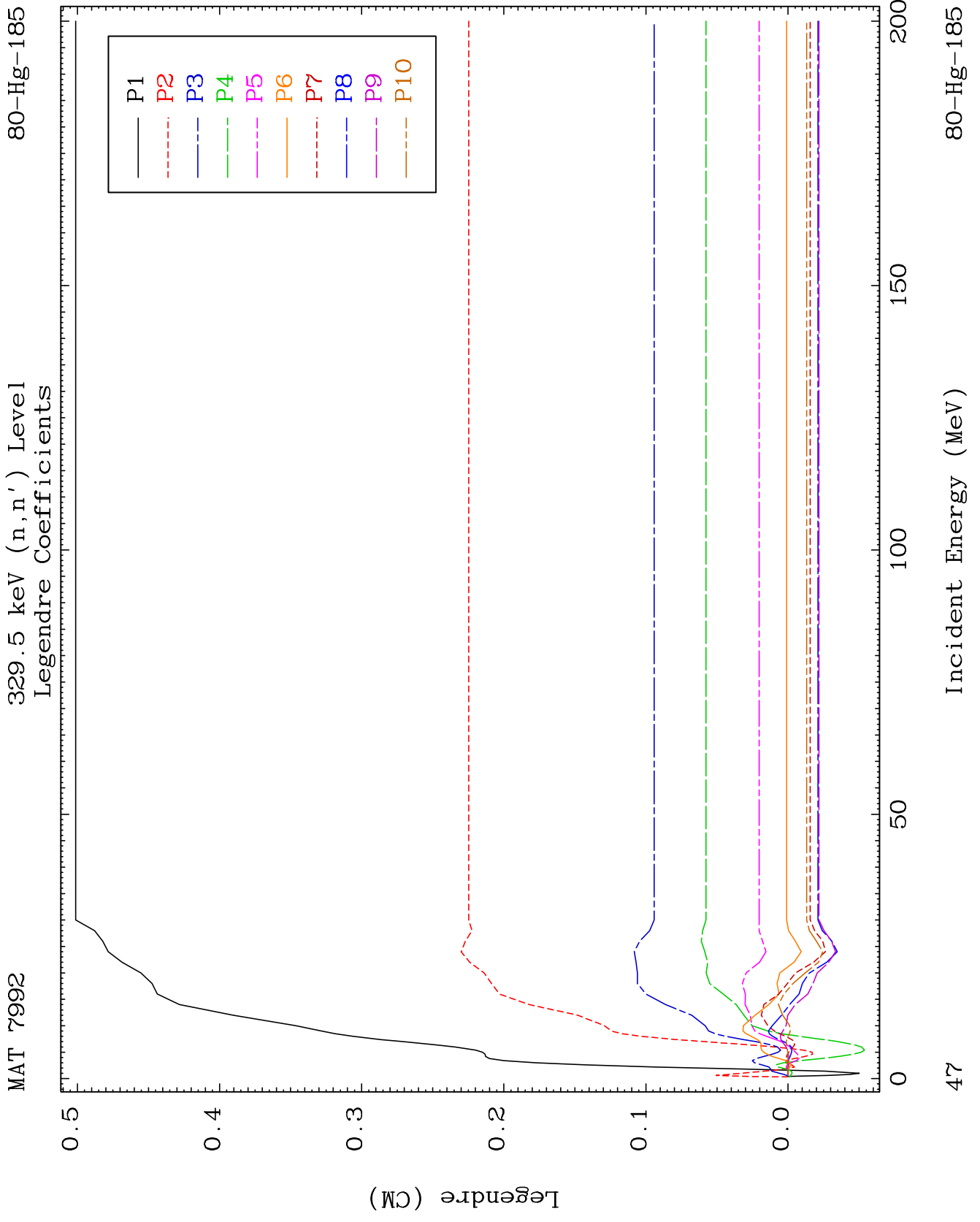
Incident Energy (MeV)

80-Hg-185





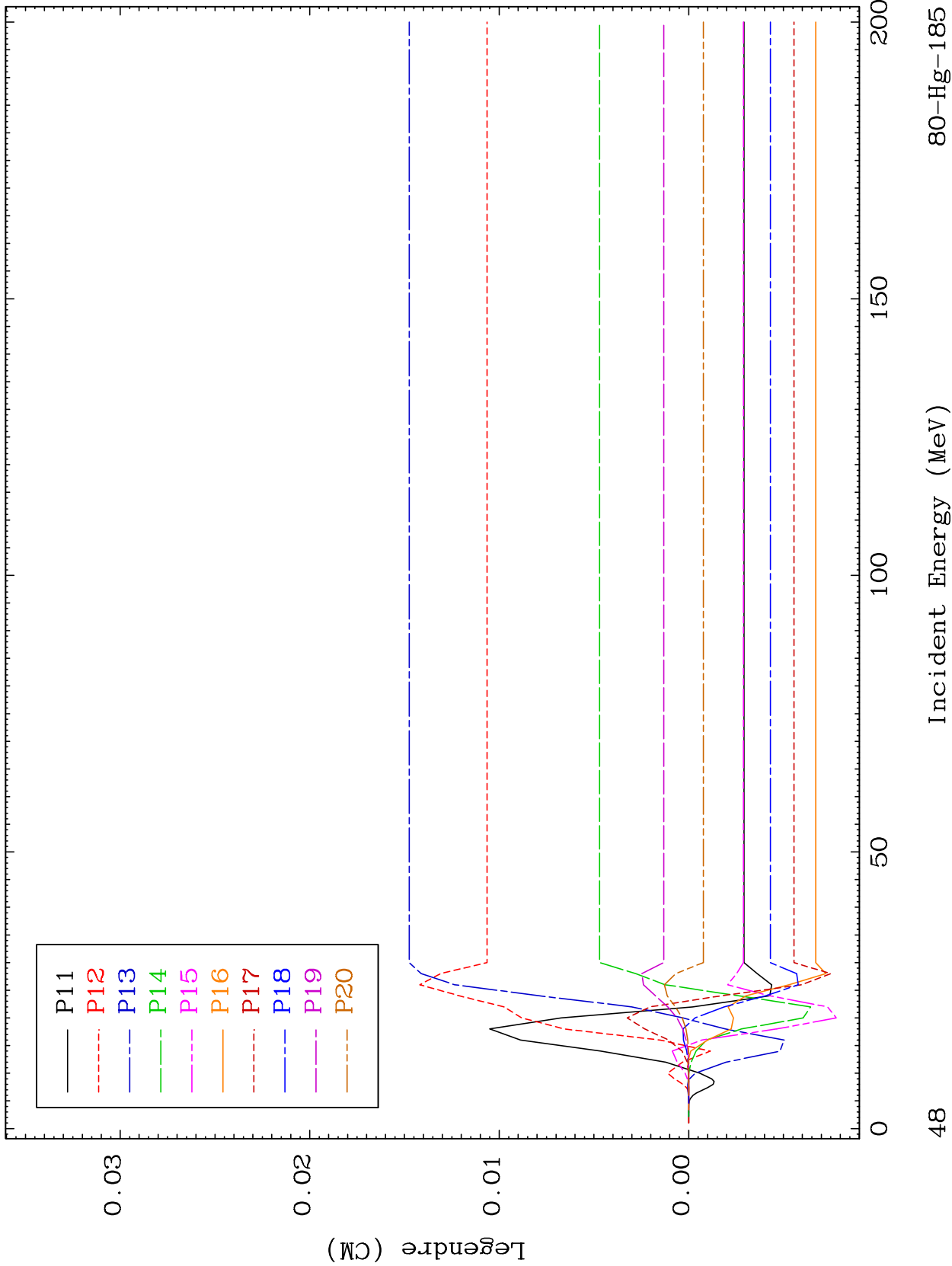




MAT 7992

329.5 keV (n,n') Level
Legendre Coefficients

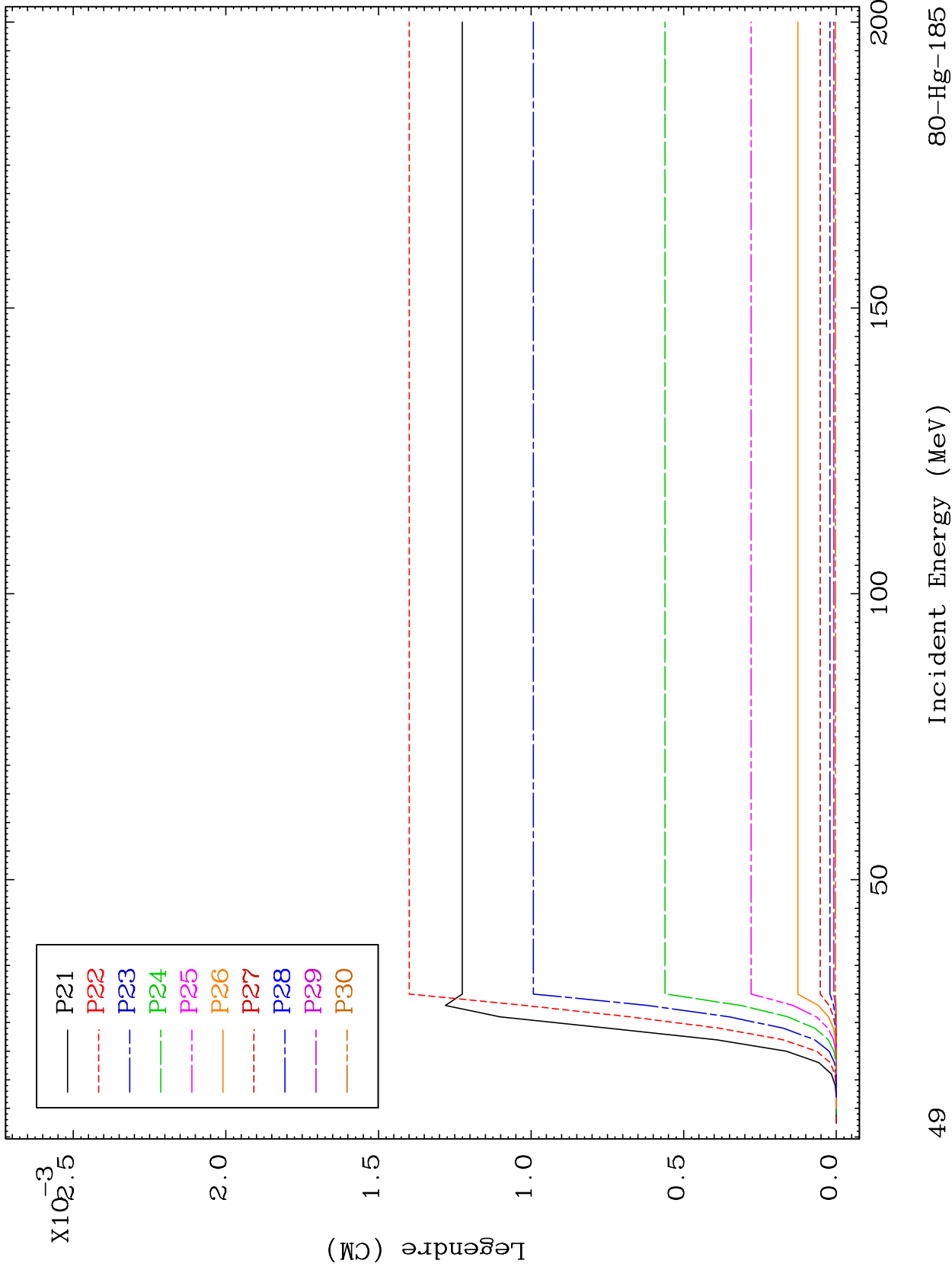
80-Hg-185

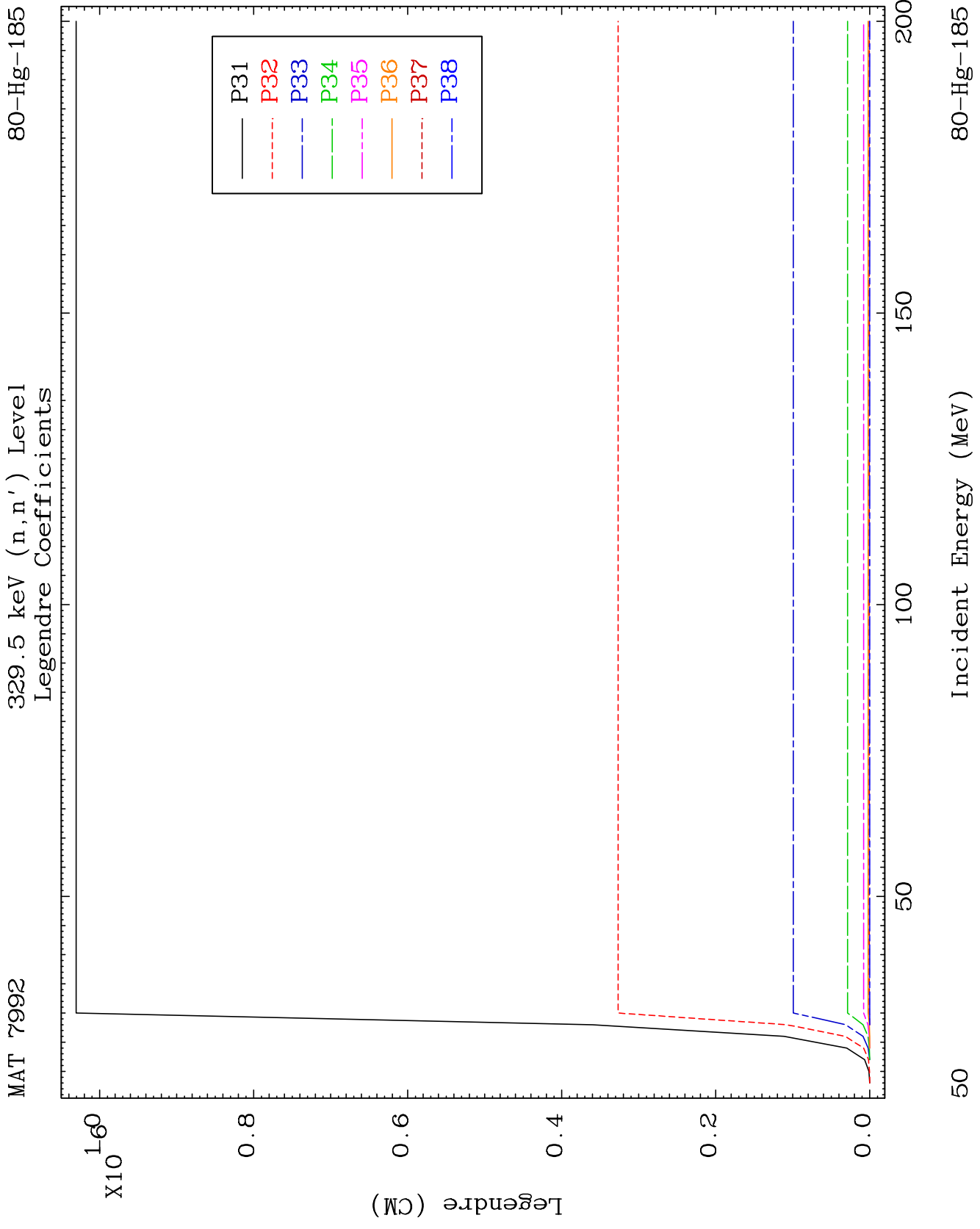


48

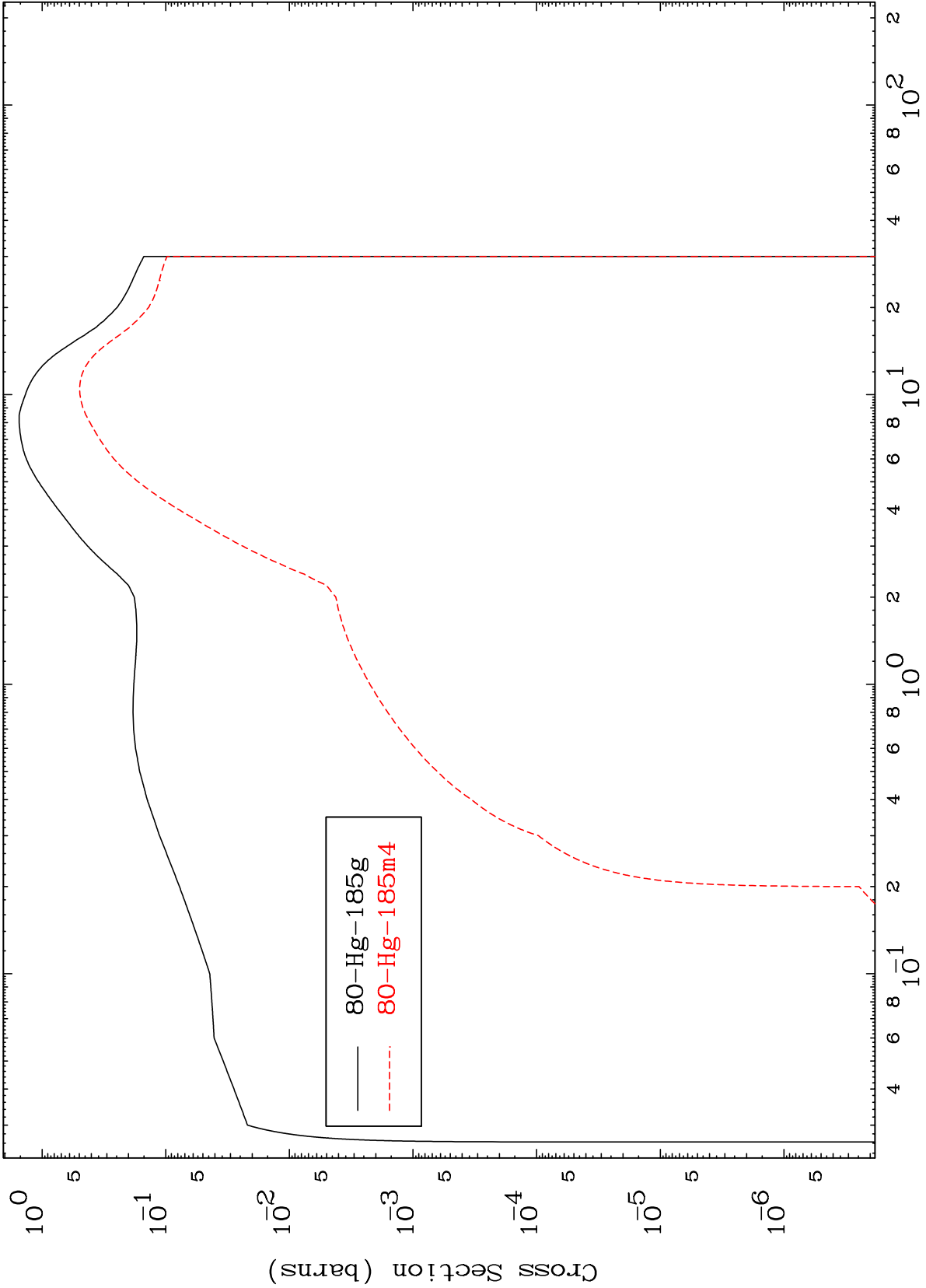
Incident Energy (MeV)

80-Hg-185





Inelastic
Radionuclide Production Cross Section

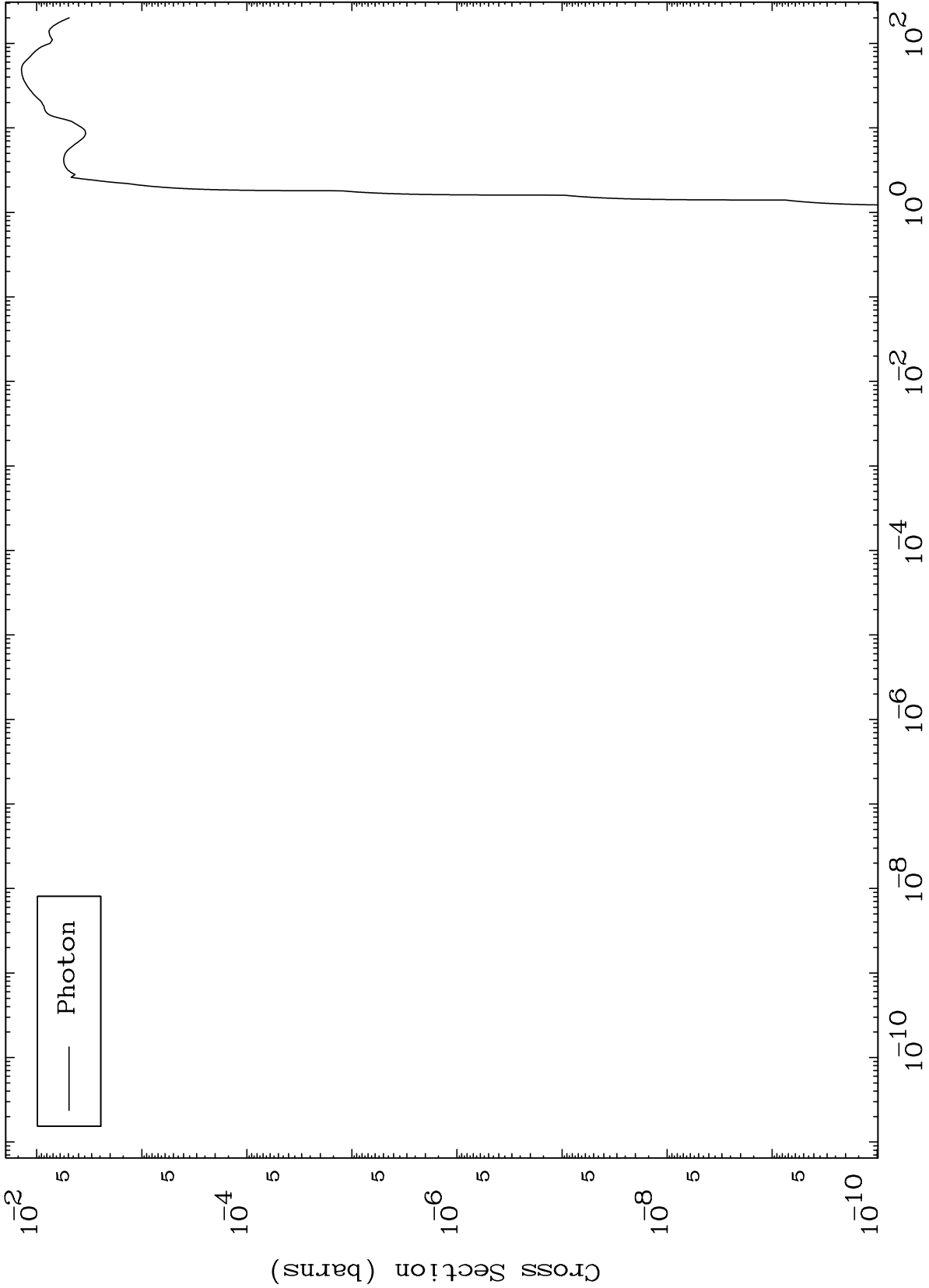


MAT 7992

Fission

80-Hg-185

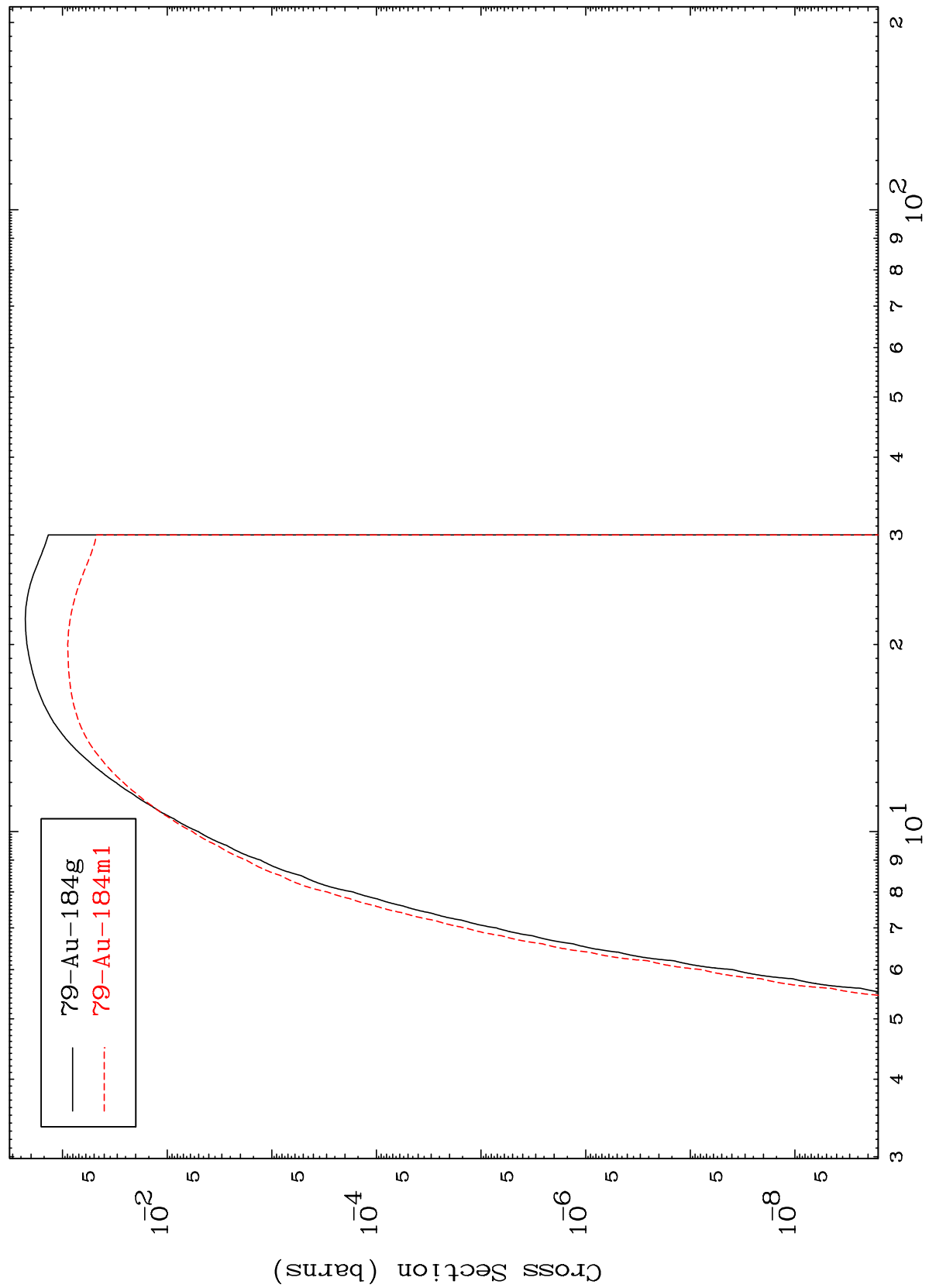
Radionuclide Production Cross Section



MAT 7992

80-Hg-185

(n,n') p
Radionuclide Production Cross Section



53

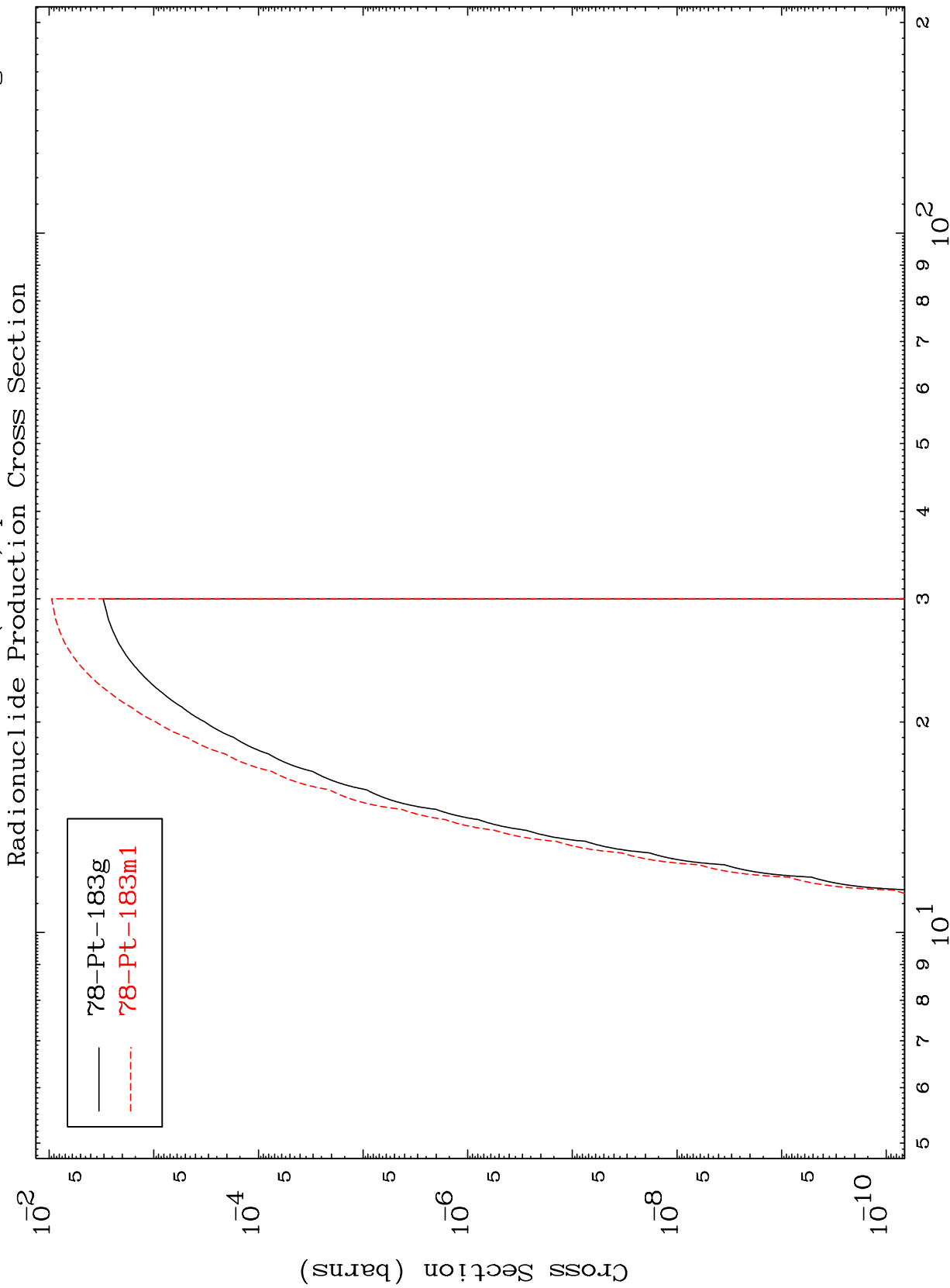
Incident Energy (MeV)

80-Hg-185

MAT 7992

$(n, 2n)$ p

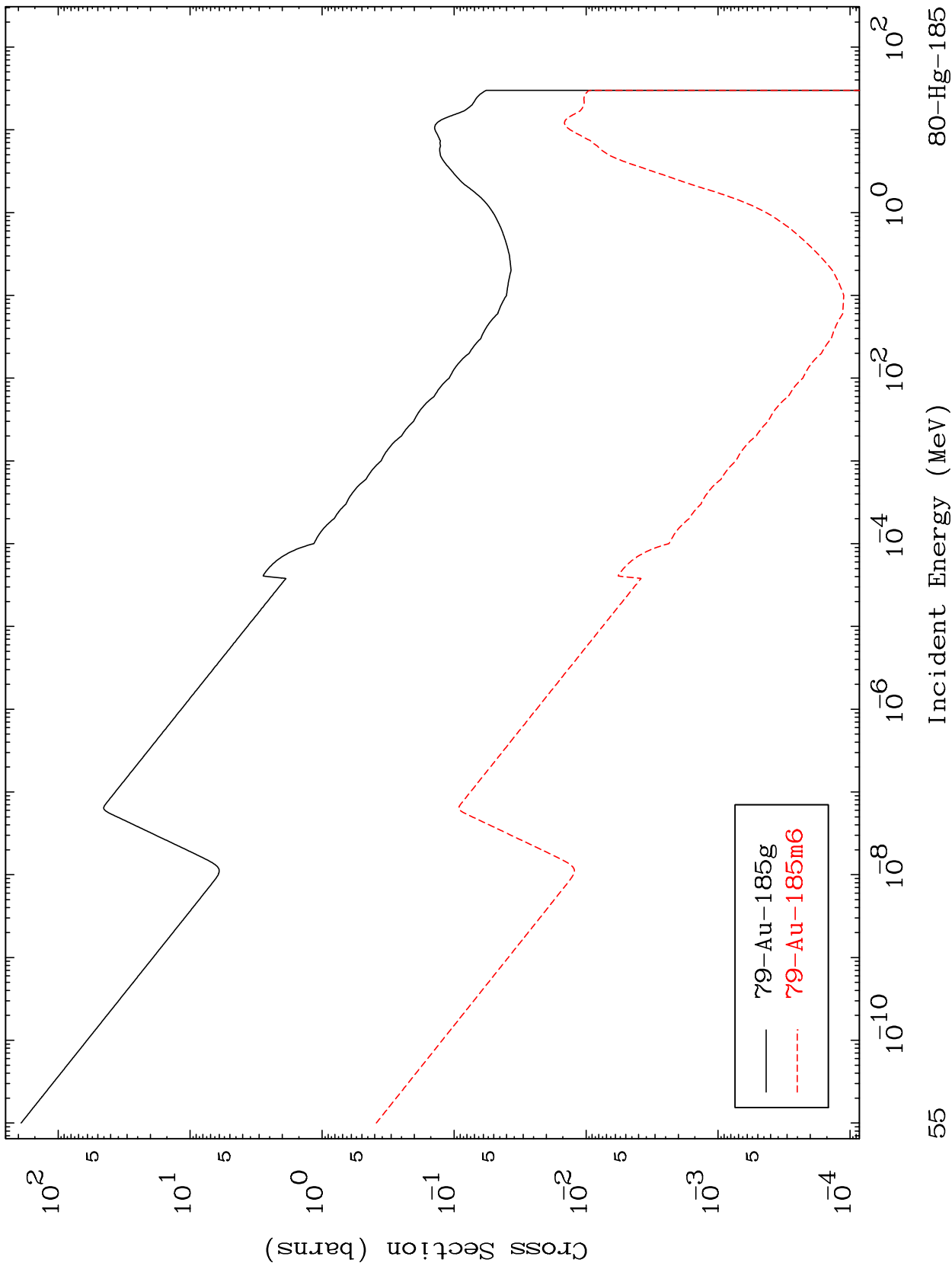
80-Hg-185



MAT 7992

80-Hg-185

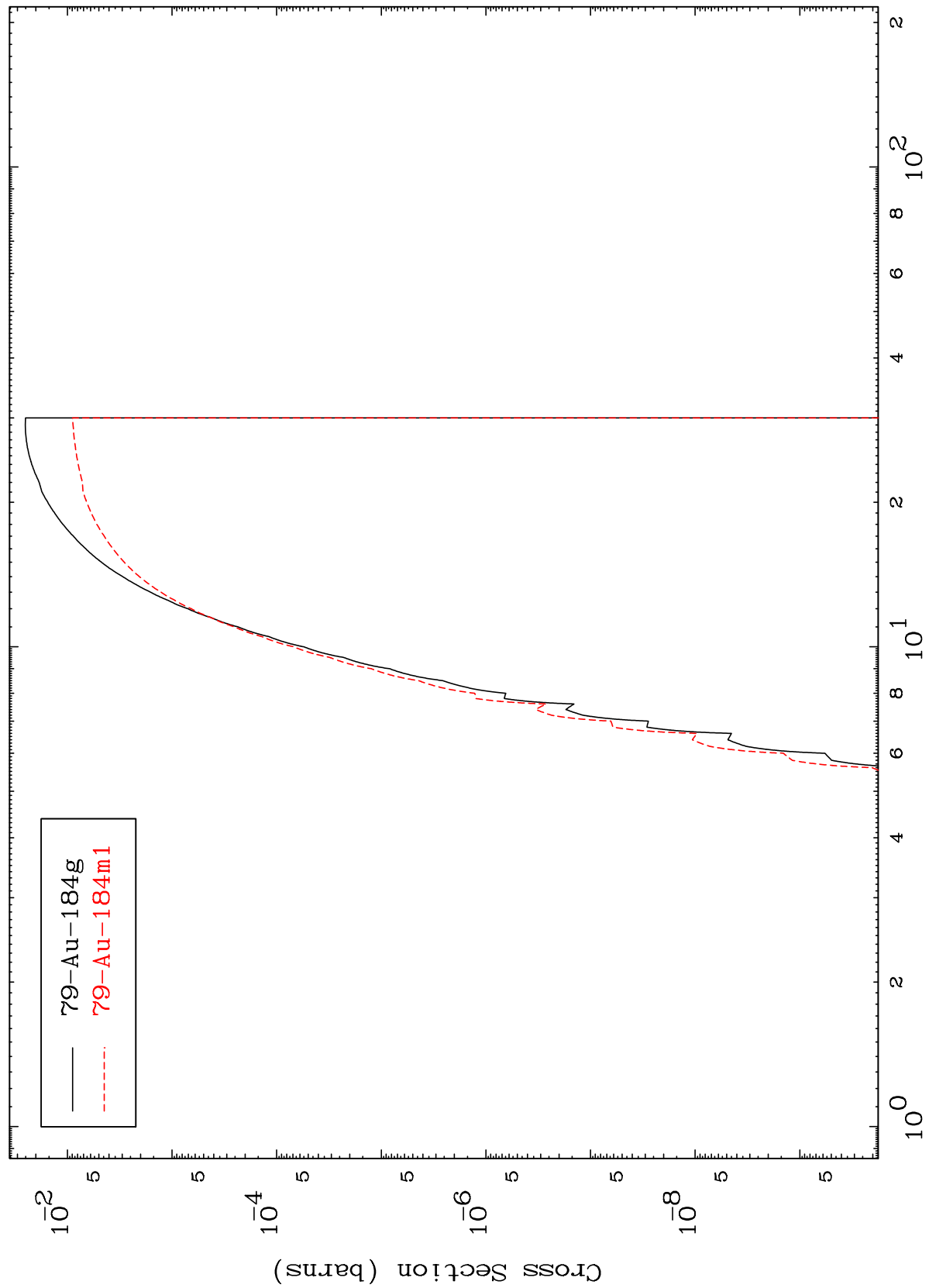
(n,p)
Radionuclide Production Cross Section



MAT 7992

80-Hg-185

(n,d)
Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-185

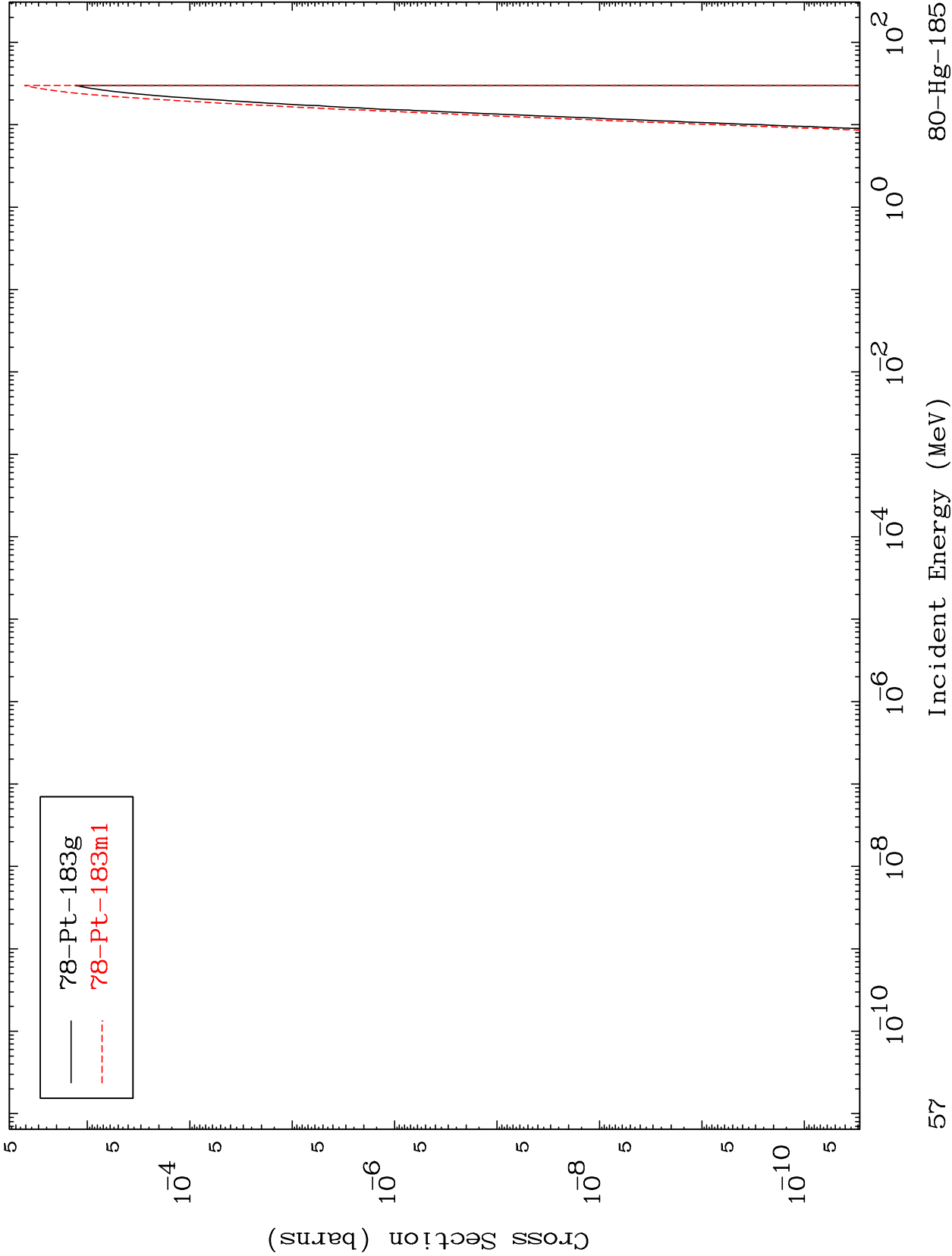
56

MAT 7992

(n,He-3)

80-Hg-185

Radionuclide Production Cross Section



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

MAT 7992

(n,p) d

80-Hg-185

