

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

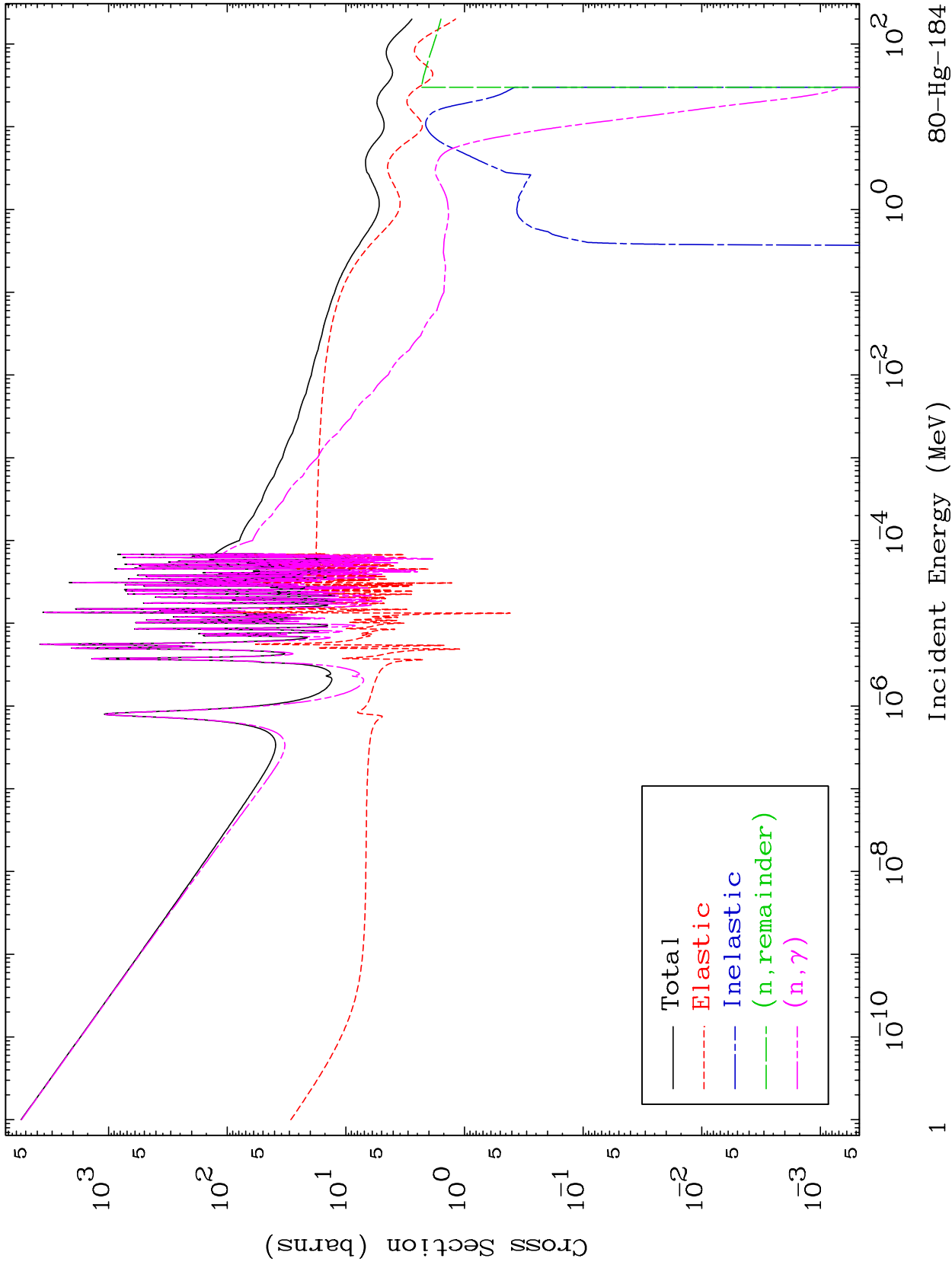
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7989

Major
293 Kelvin Cross Sections

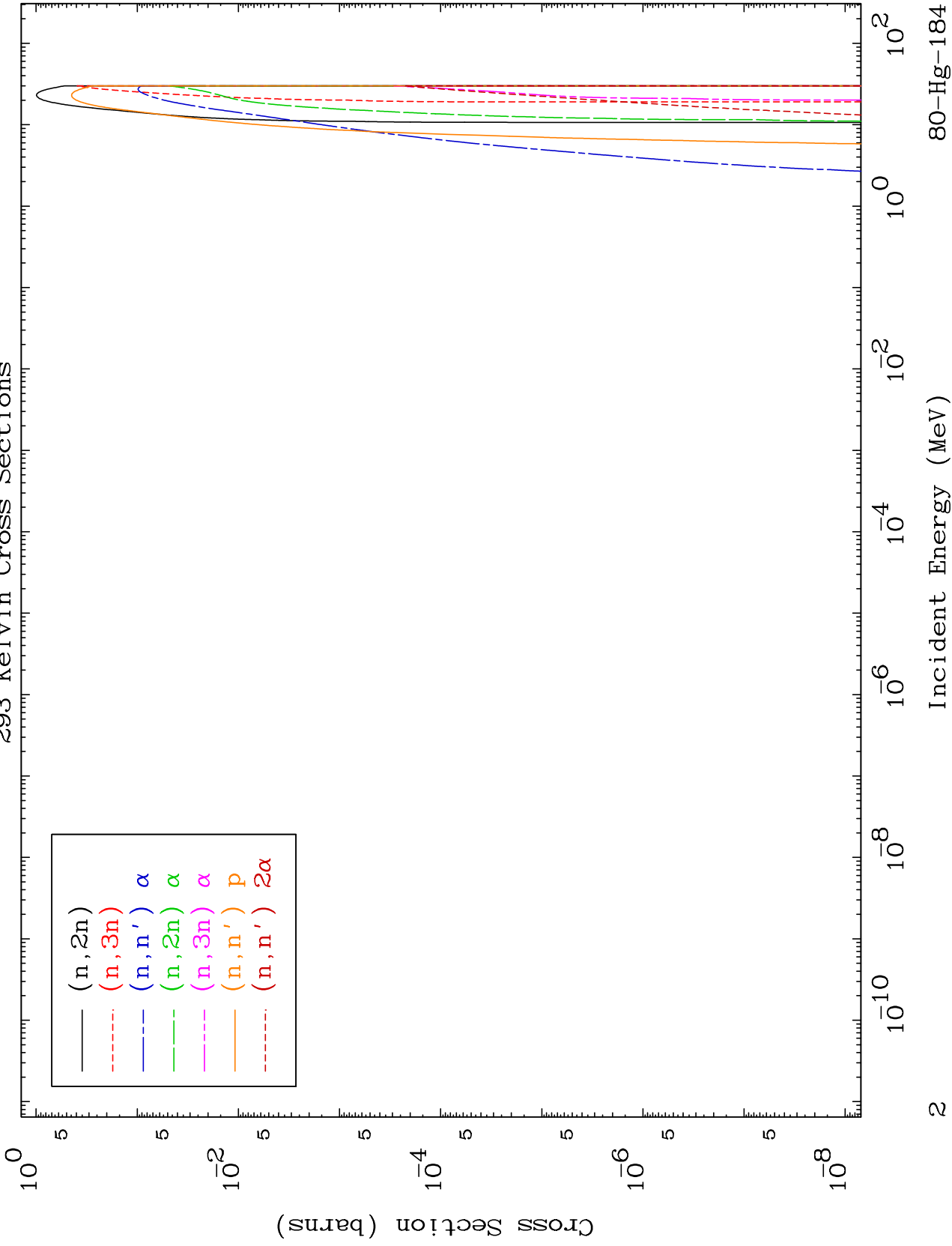
80-Hg-184



MAT 7989

Neutron Production
293 Kelvin Cross Sections

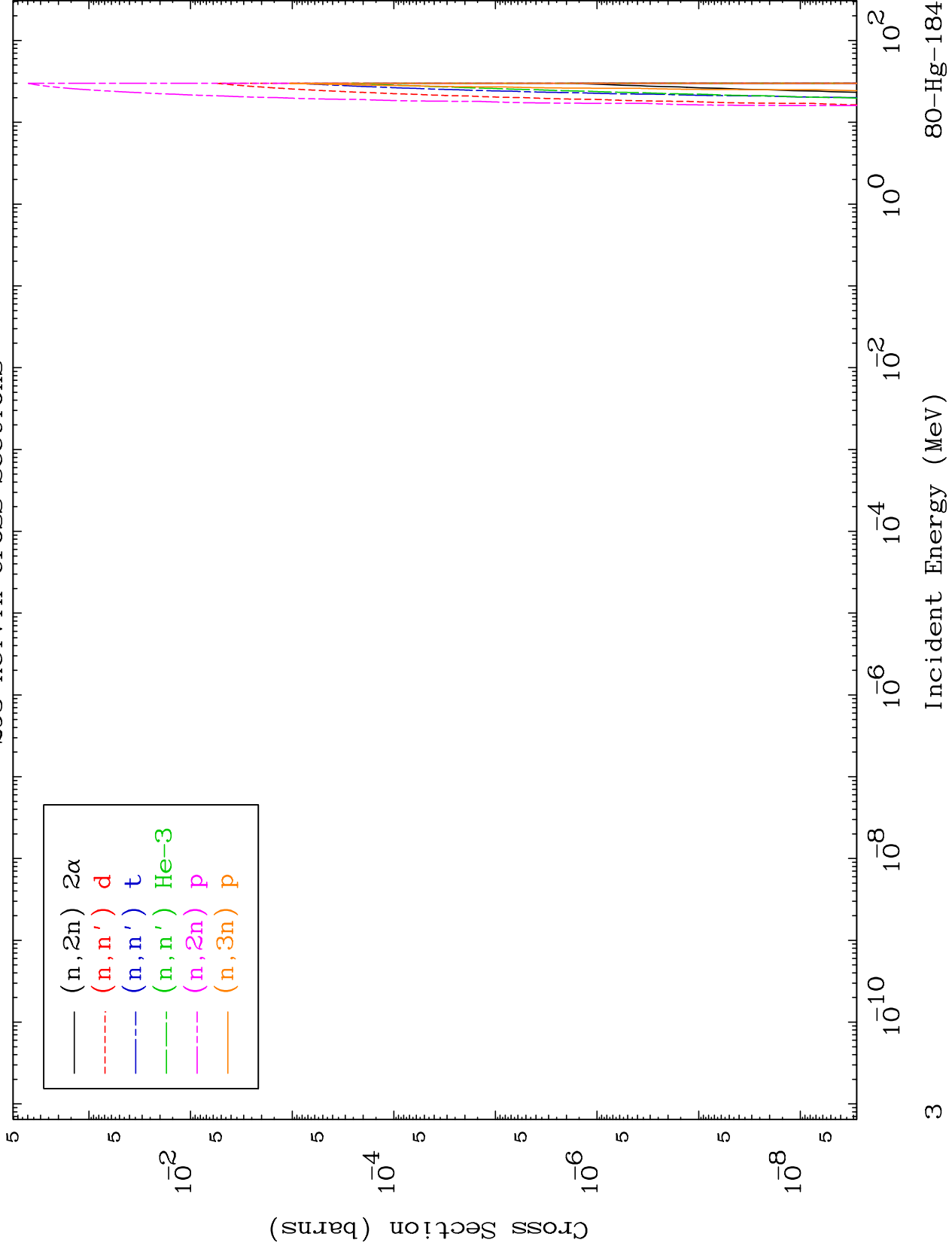
80-Hg-184



MAT 7989

Neutron Production
293 Kelvin Cross Sections

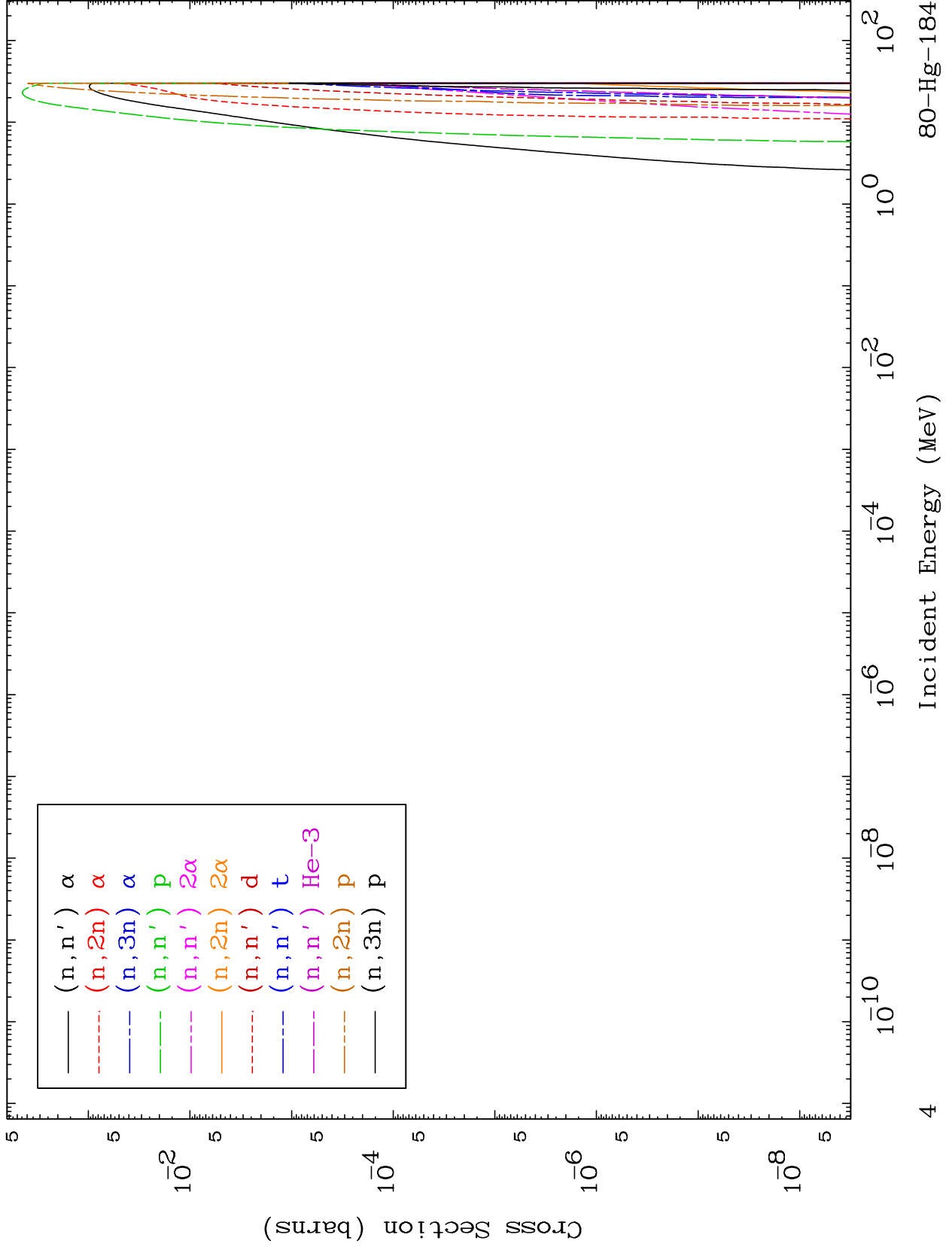
80-Hg-184



MAT 7989

Charged Particle
293 Kelvin Cross Sections

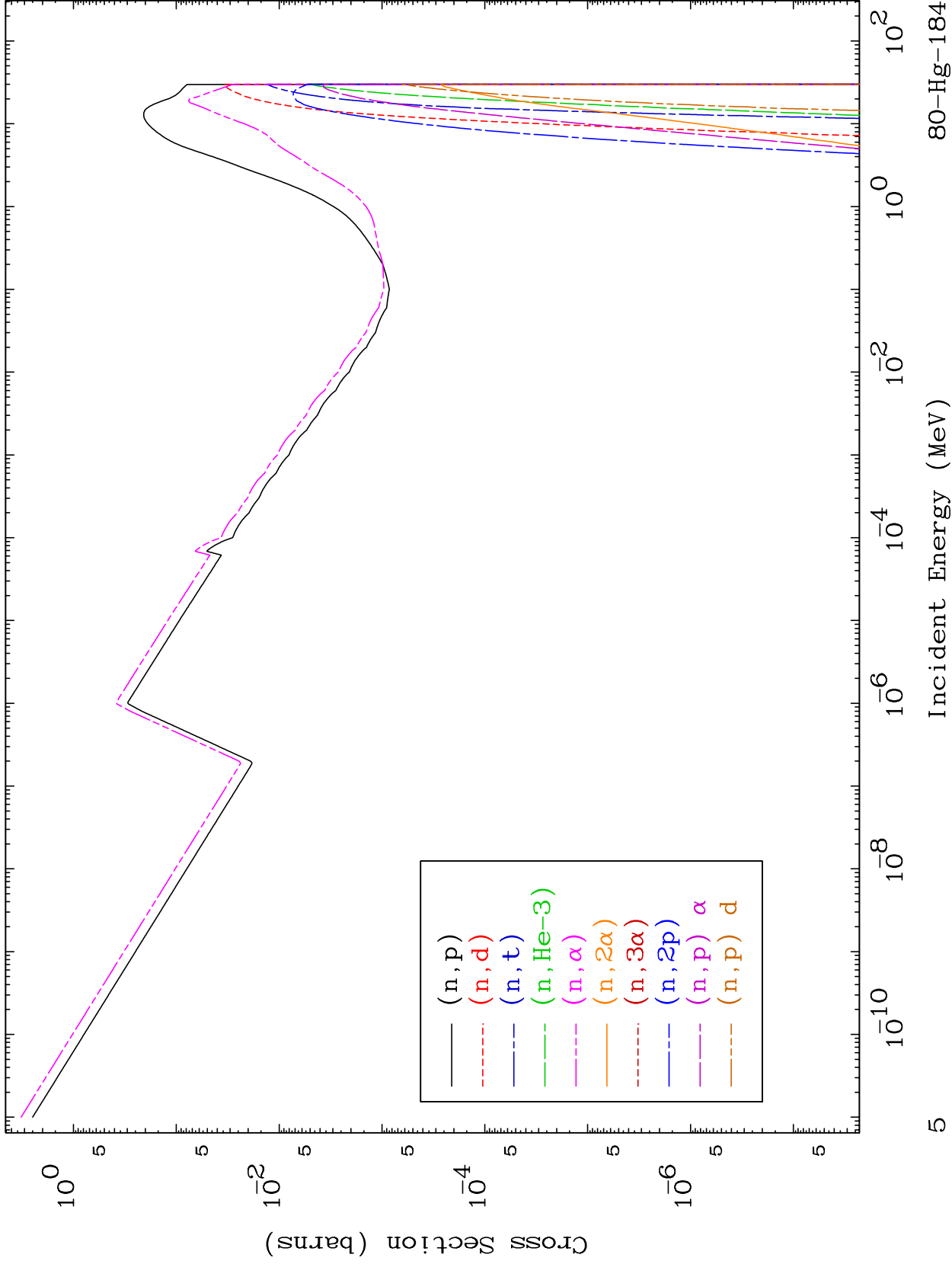
80-Hg-184



MAT 7989

Charged Particle
293 Kelvin Cross Sections

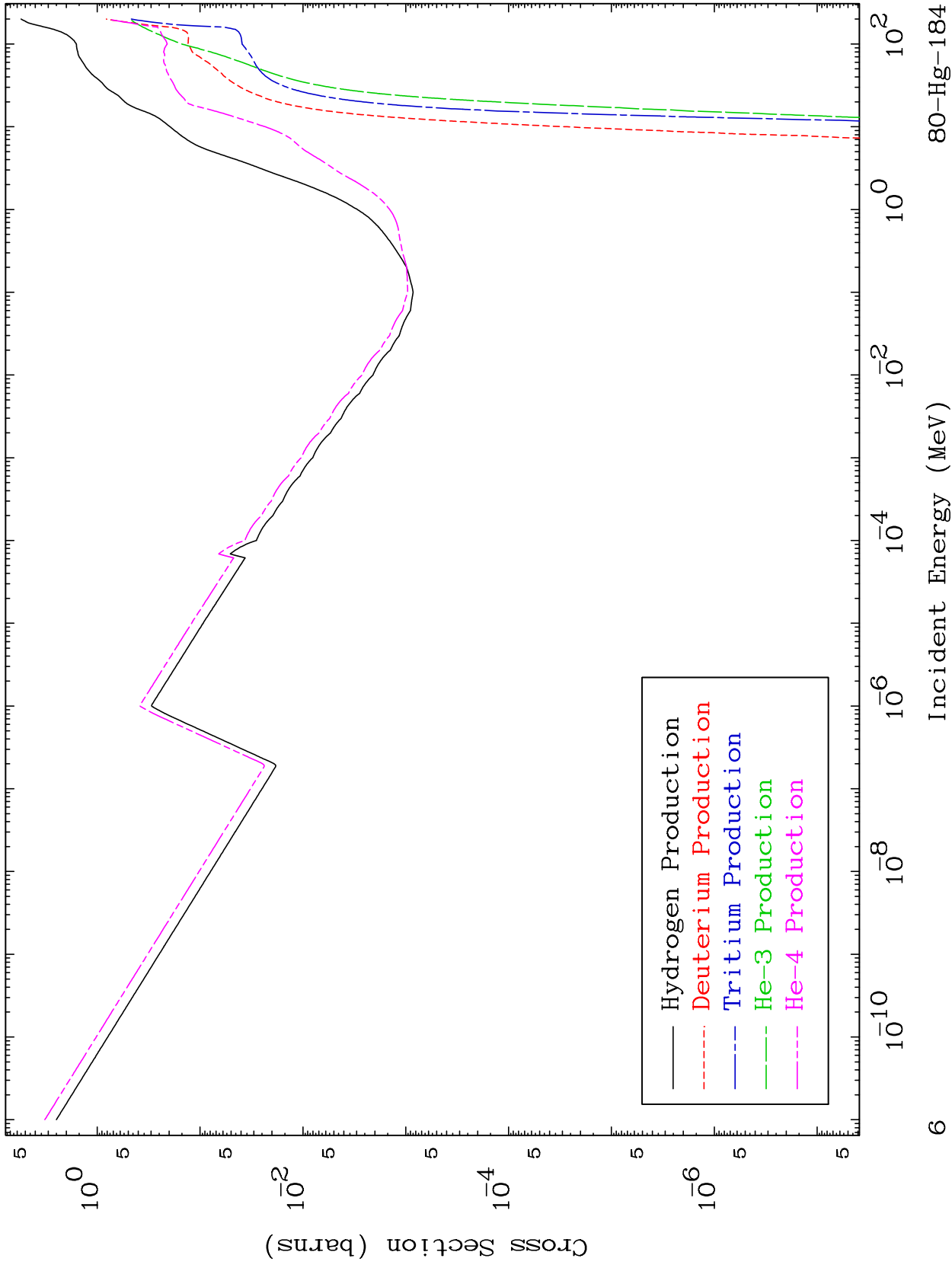
80-Hg-184



MAT 7989

Particle Production
293 Kelvin Cross Sections

80-Hg-184

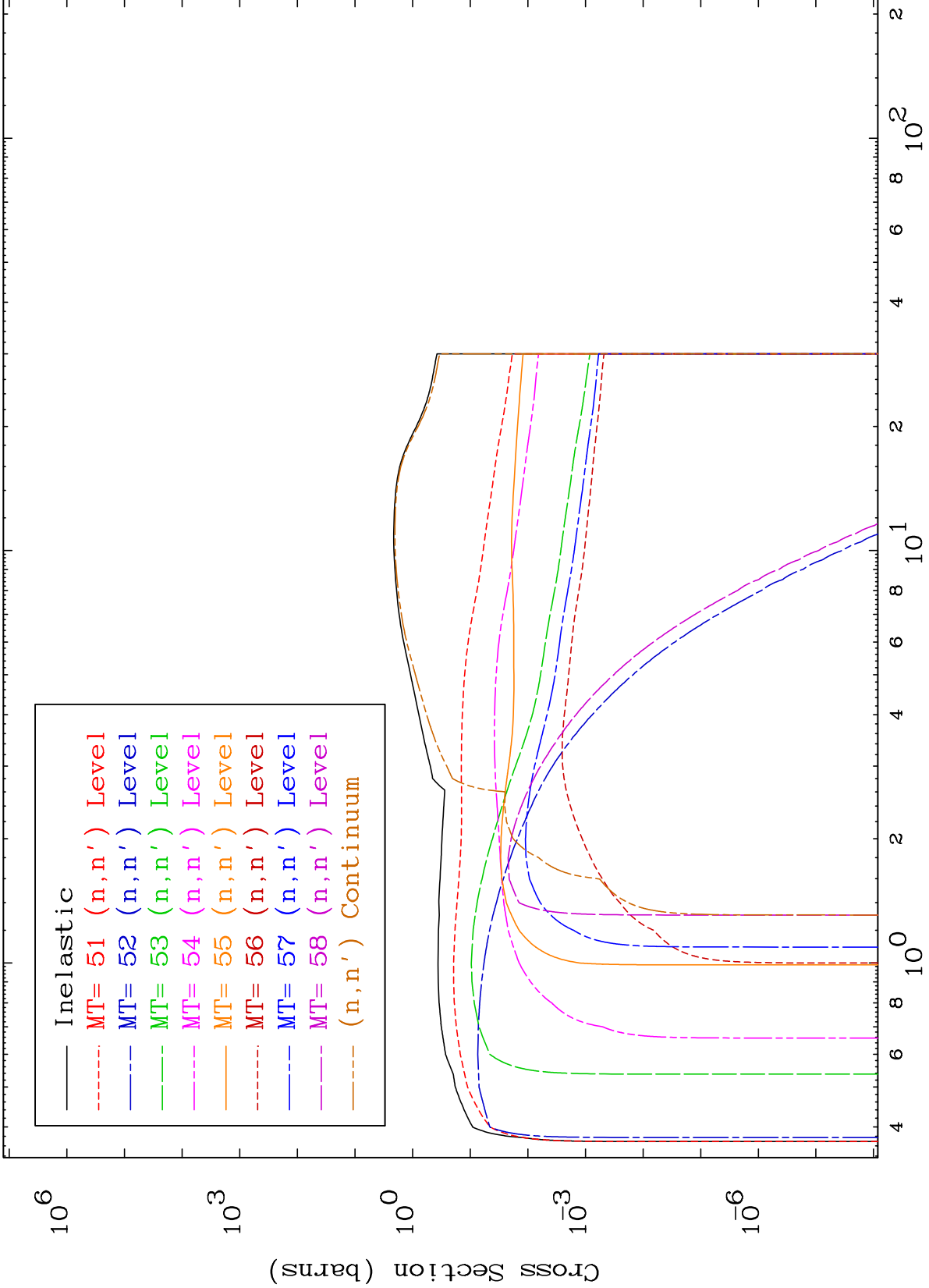


MAT 7989

(n,n') Level

80-Hg-184

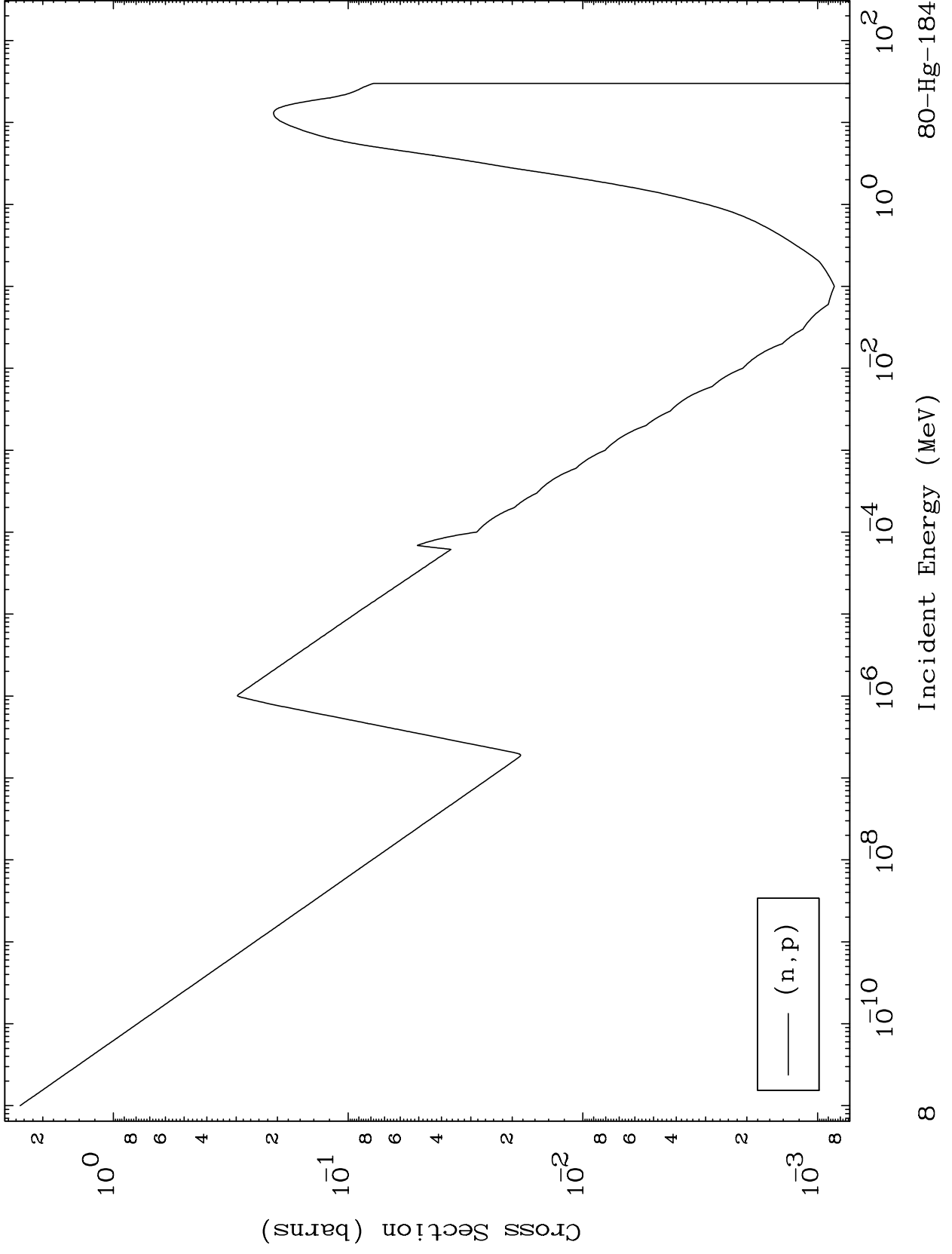
293 Kelvin Cross Sections



MAT 7989

(n,p) Levels
293 Kelvin Cross Sections

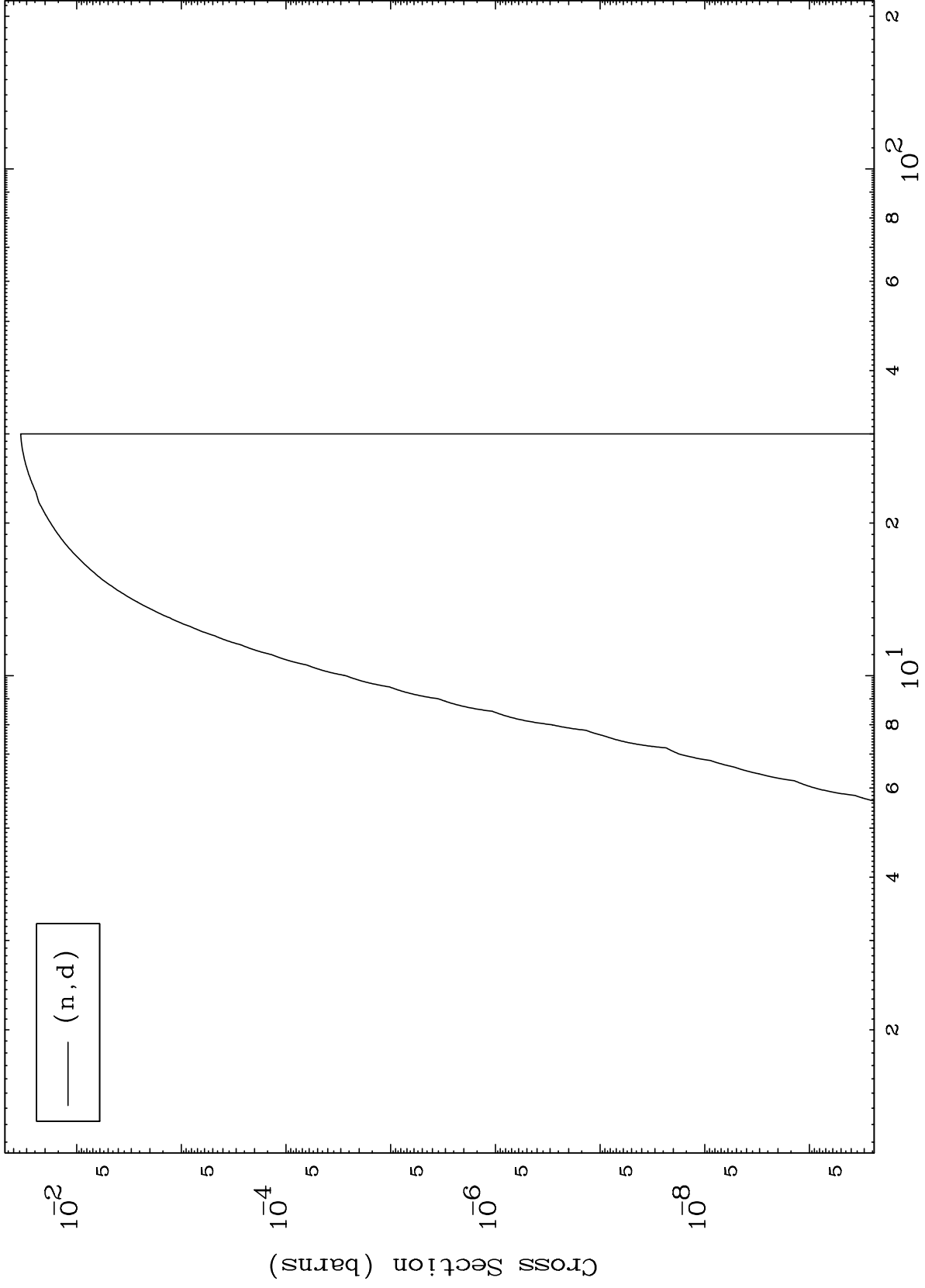
80-Hg-184



MAT 7989

(n,d) Levels
293 Kelvin Cross Sections

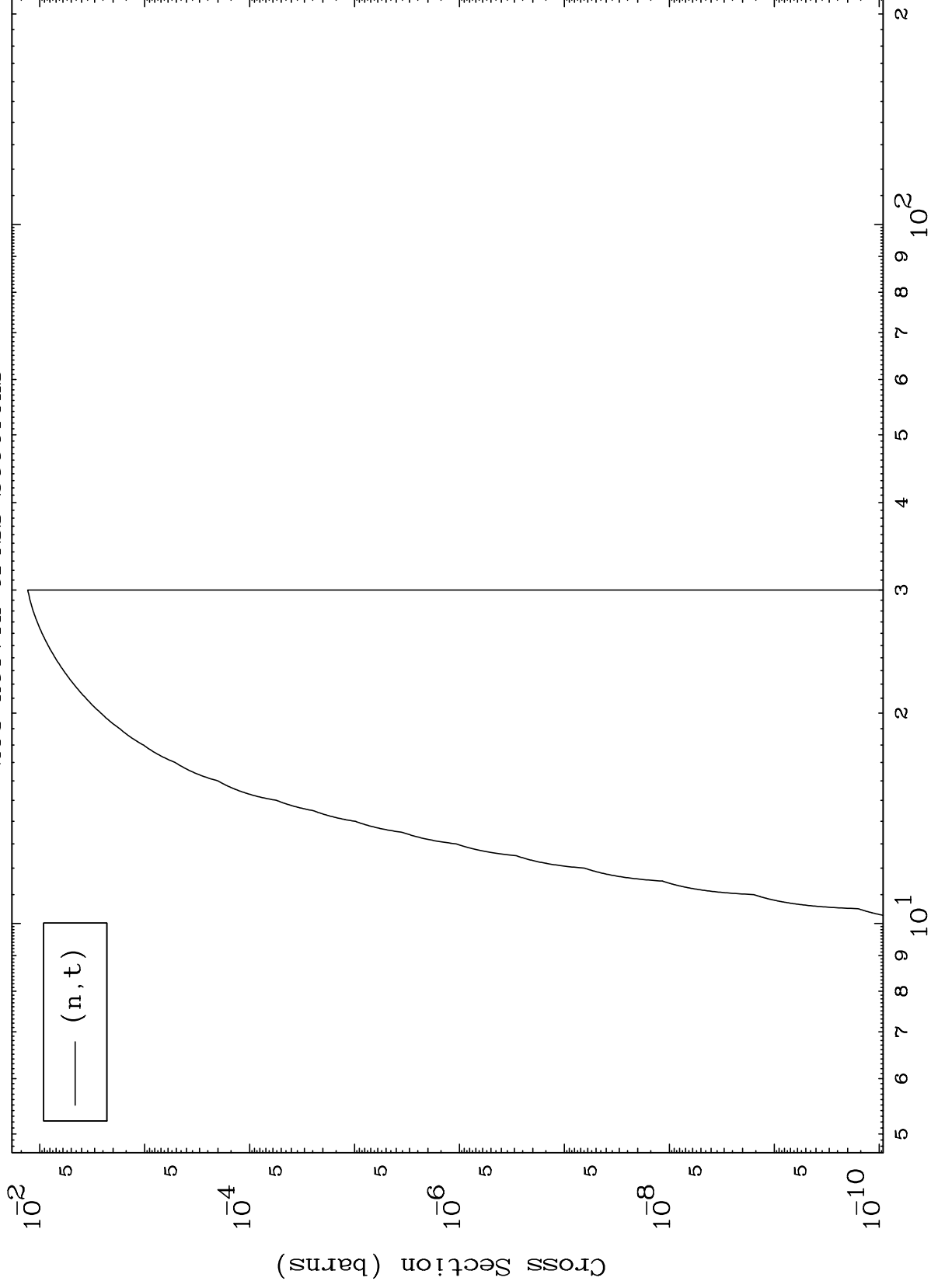
80-Hg-184



MAT 7989

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-184



10

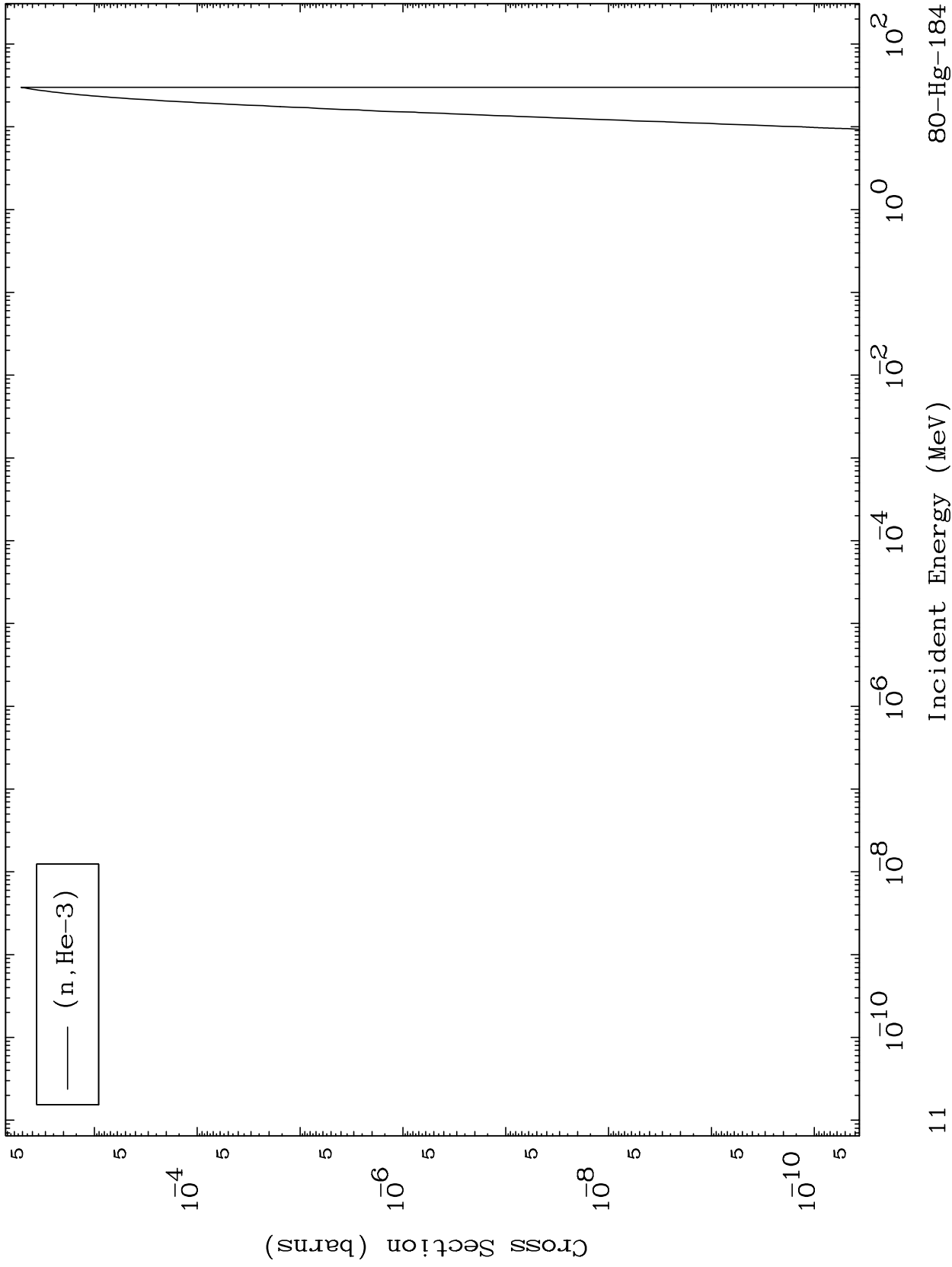
Incident Energy (MeV)

80-Hg-184

MAT 7989

(n,He3) Levels
293 Kelvin Cross Sections

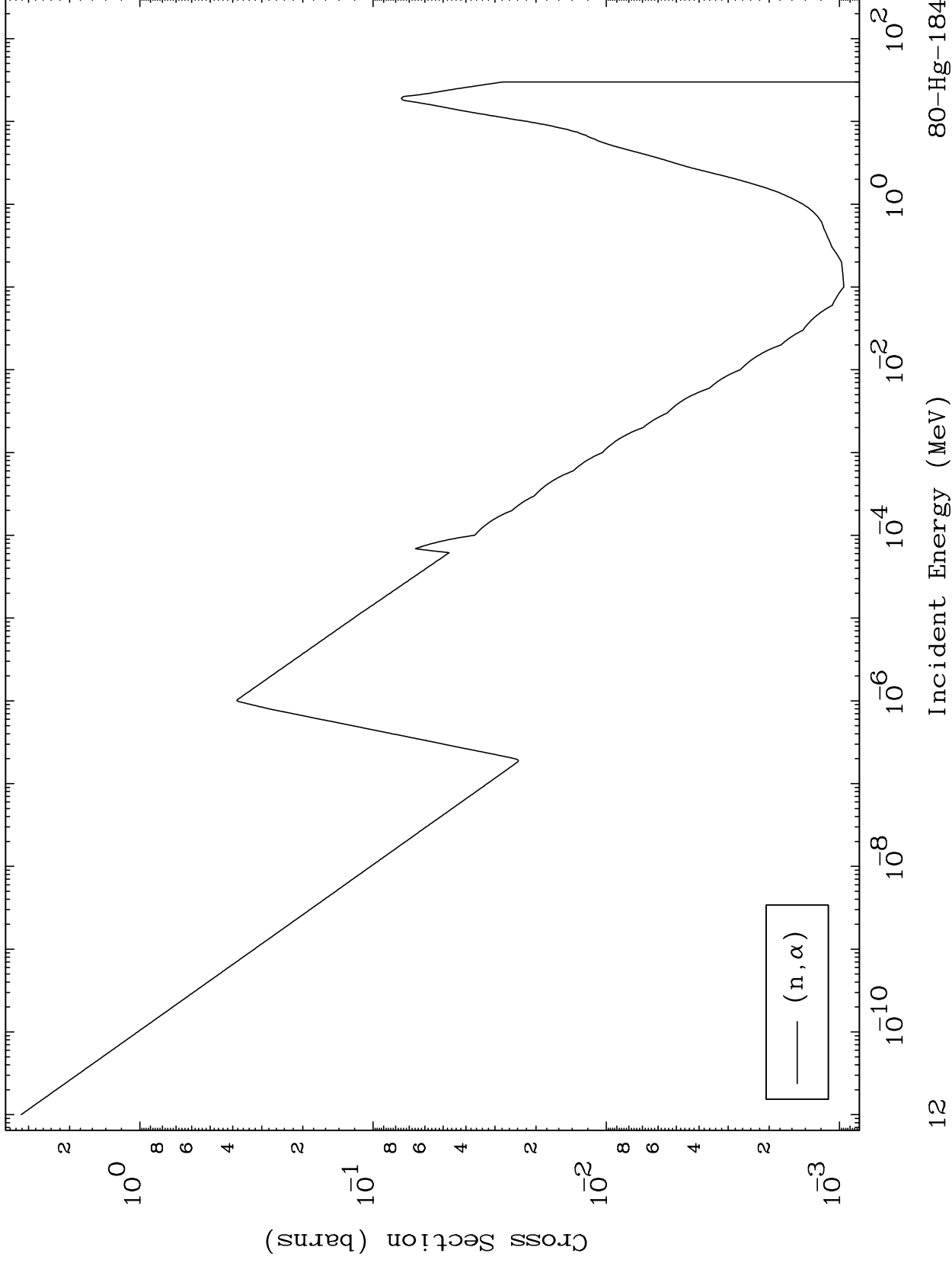
80-Hg-184

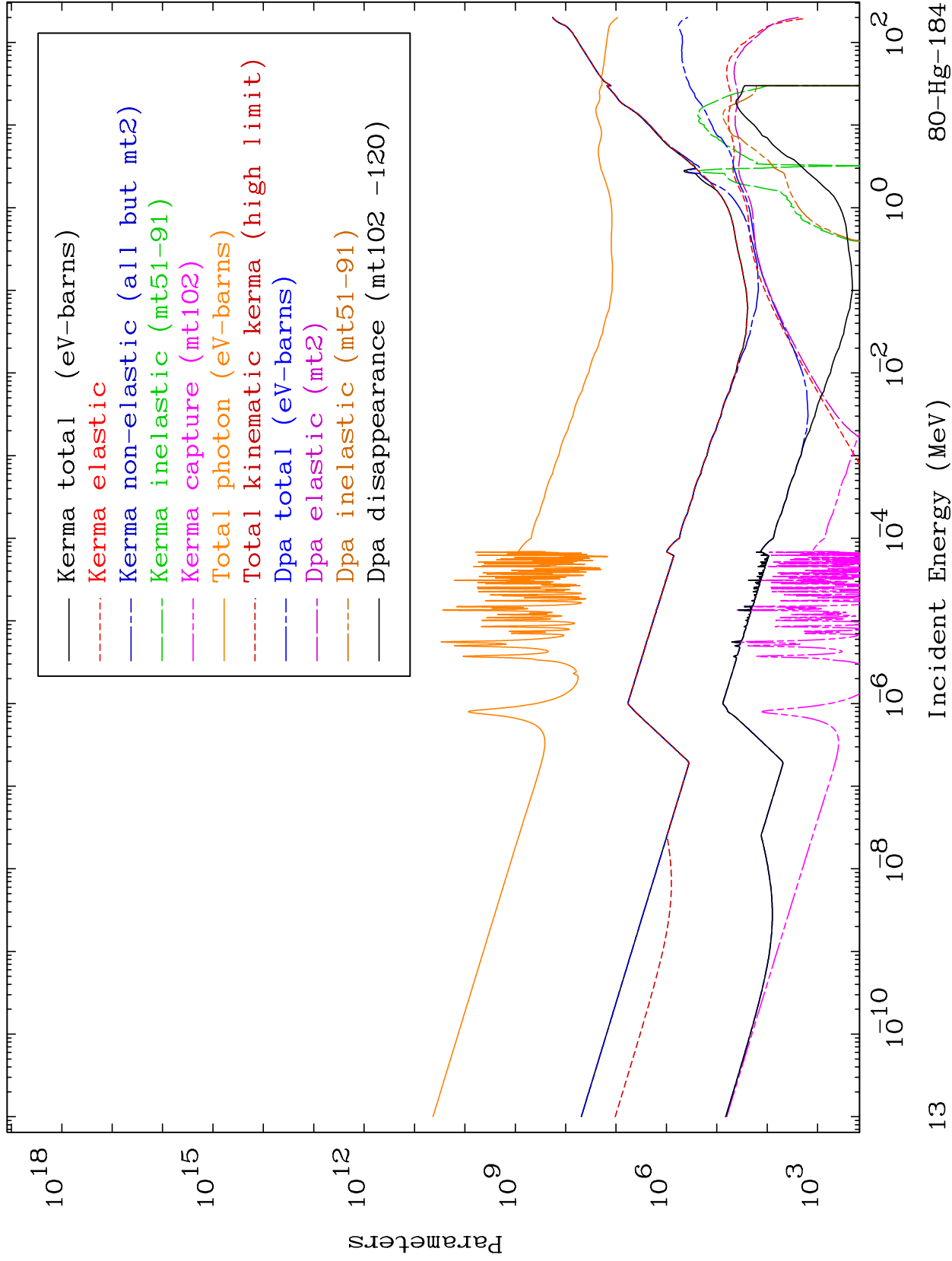


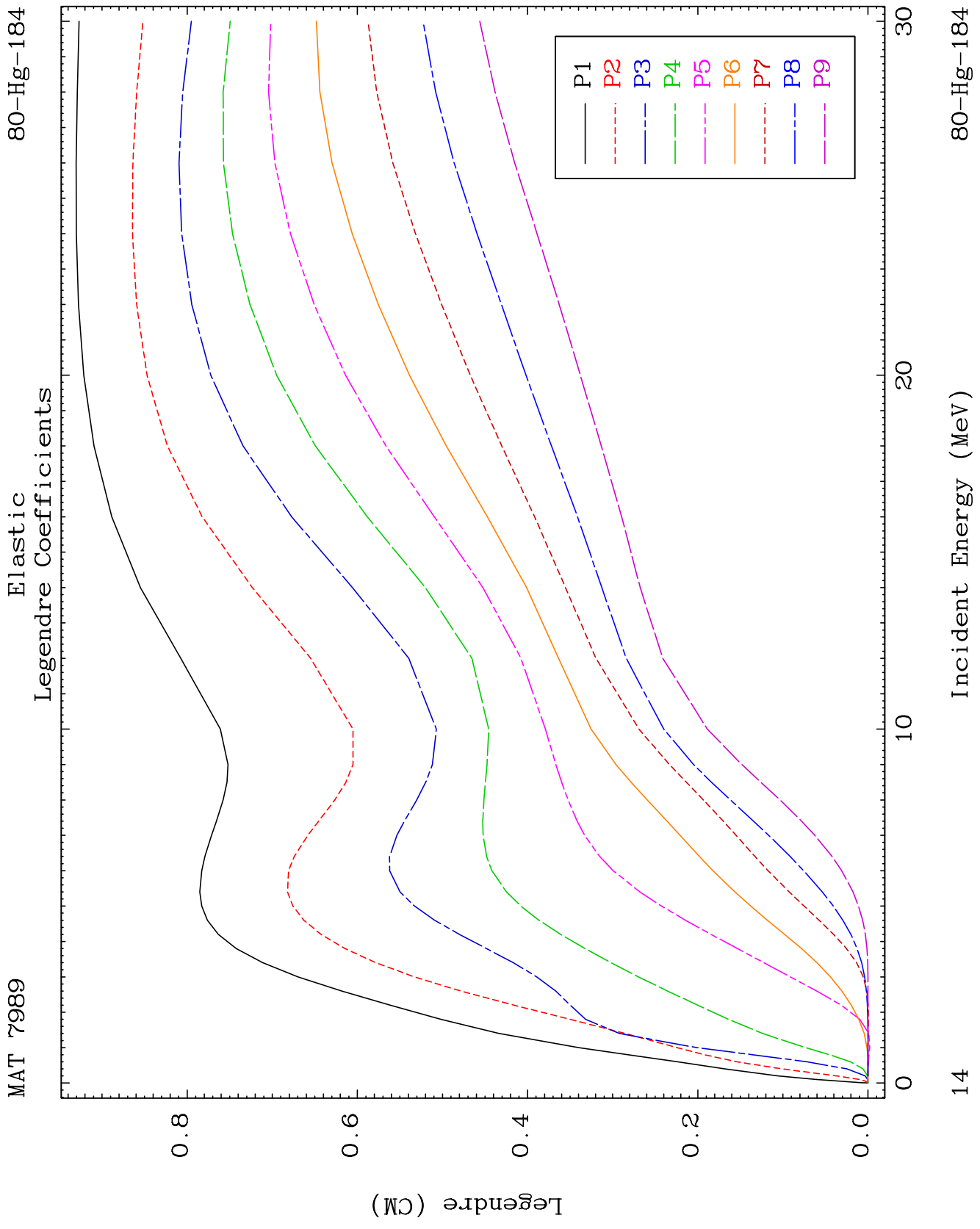
MAT 7989

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-184



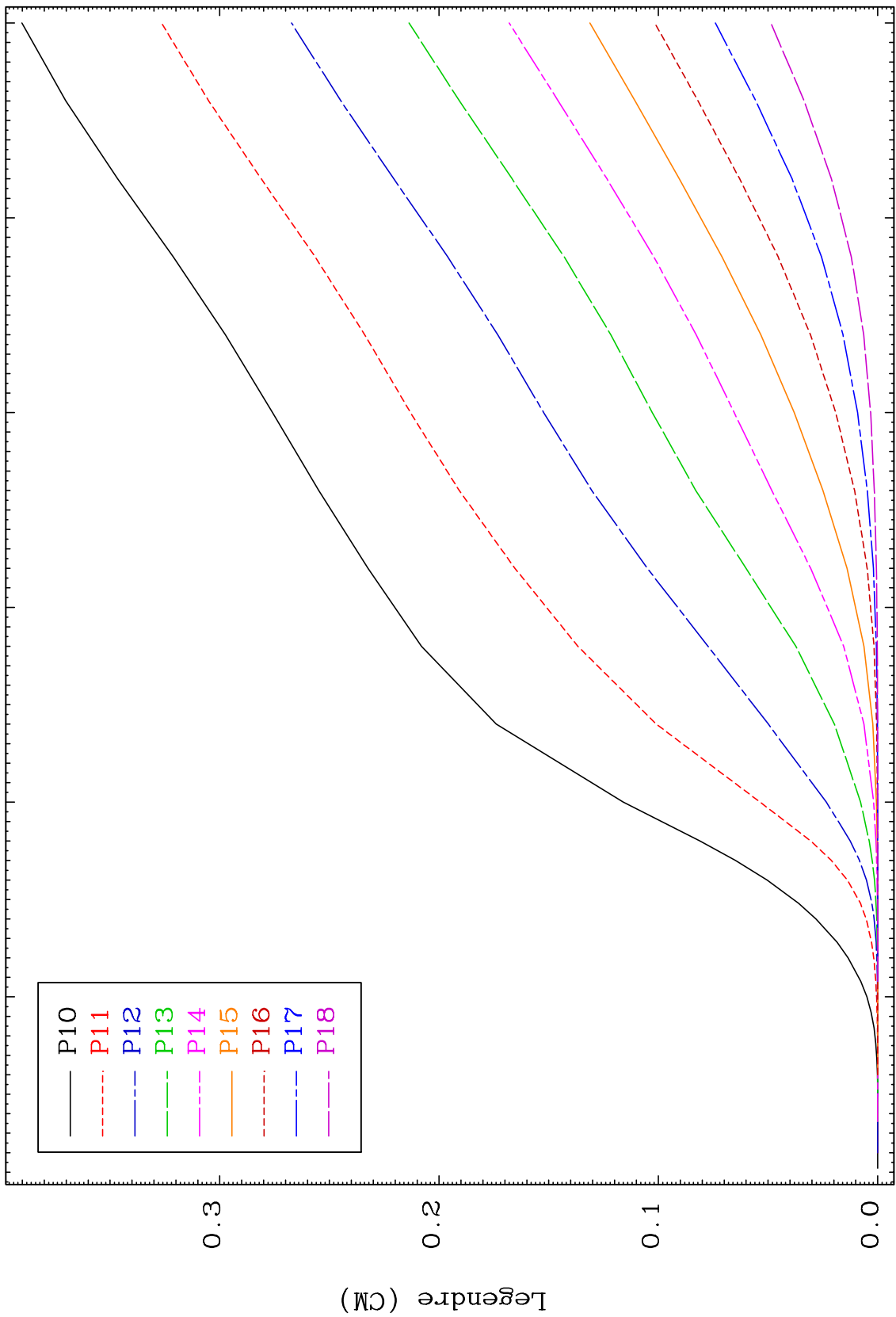




MAT 7989

Elastic Legendre Coefficients

80-Hg-184



15

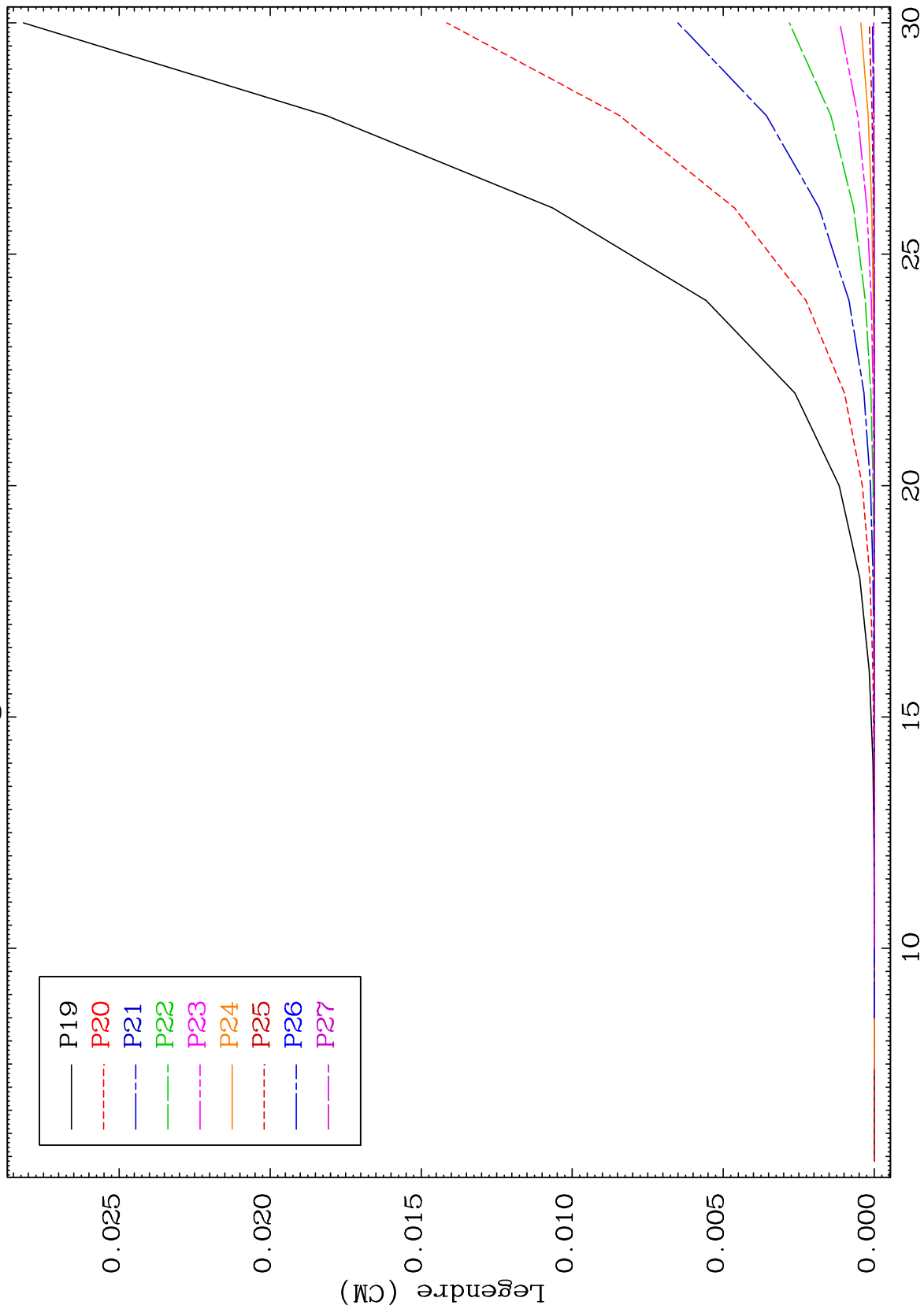
Incident Energy (MeV)

80-Hg-184

MAT 7989

Elastic Legendre Coefficients

80-Hg-184



16

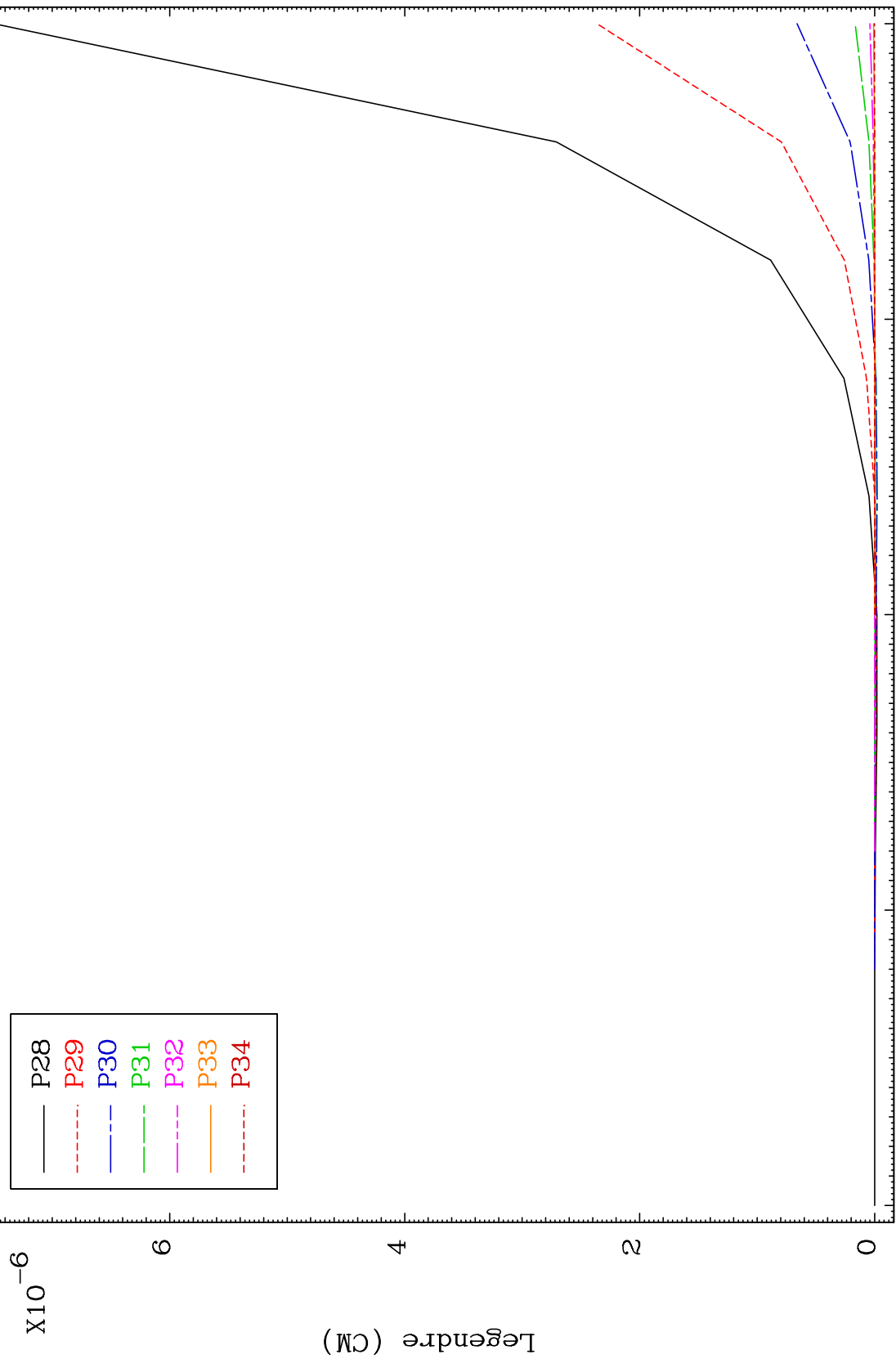
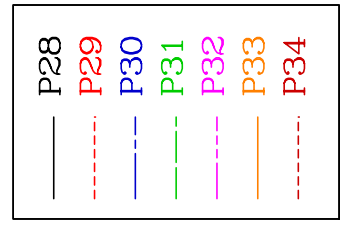
Incident Energy (MeV)

80-Hg-184

MAT 7989

Elastic Legendre Coefficients

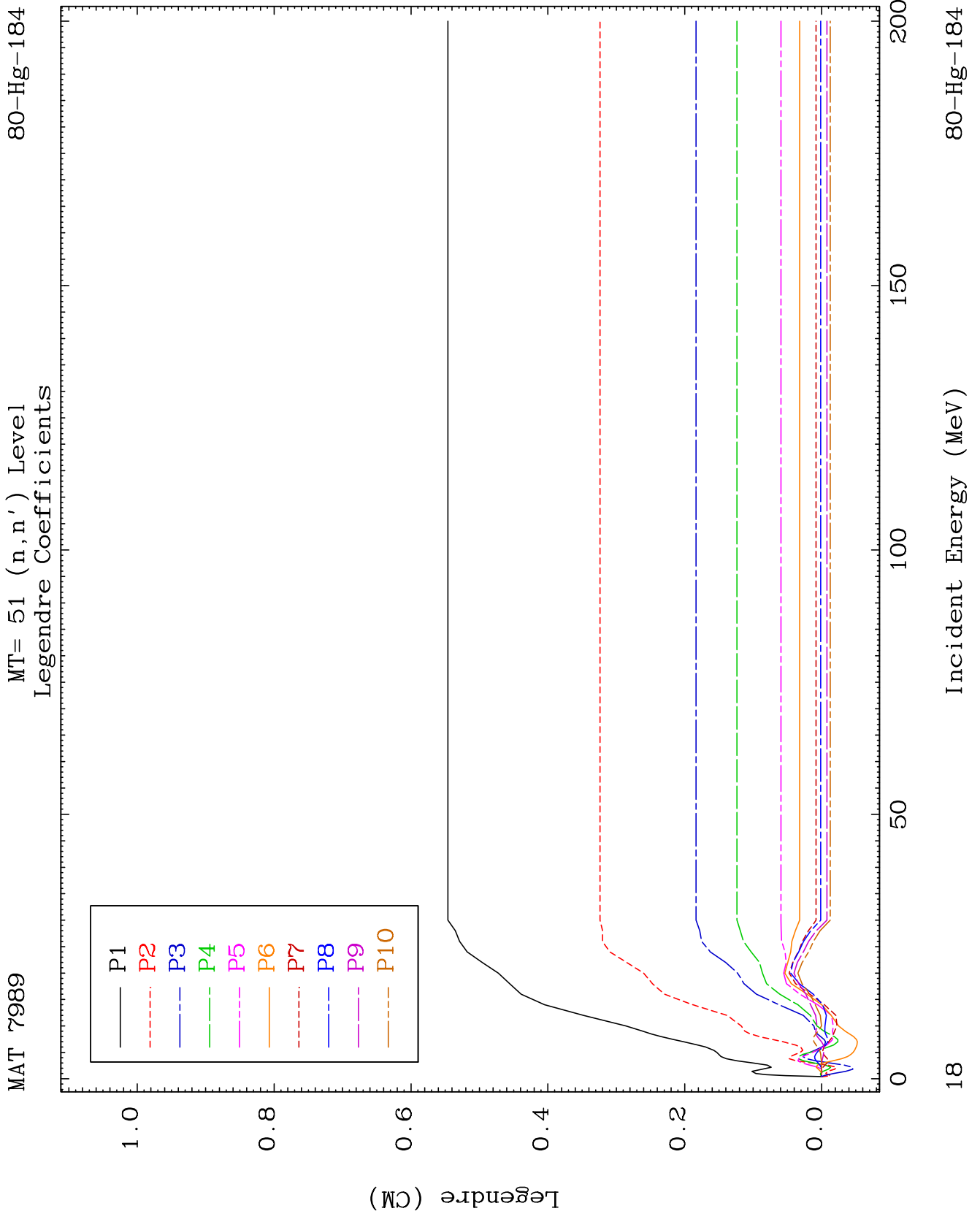
80-Hg-184

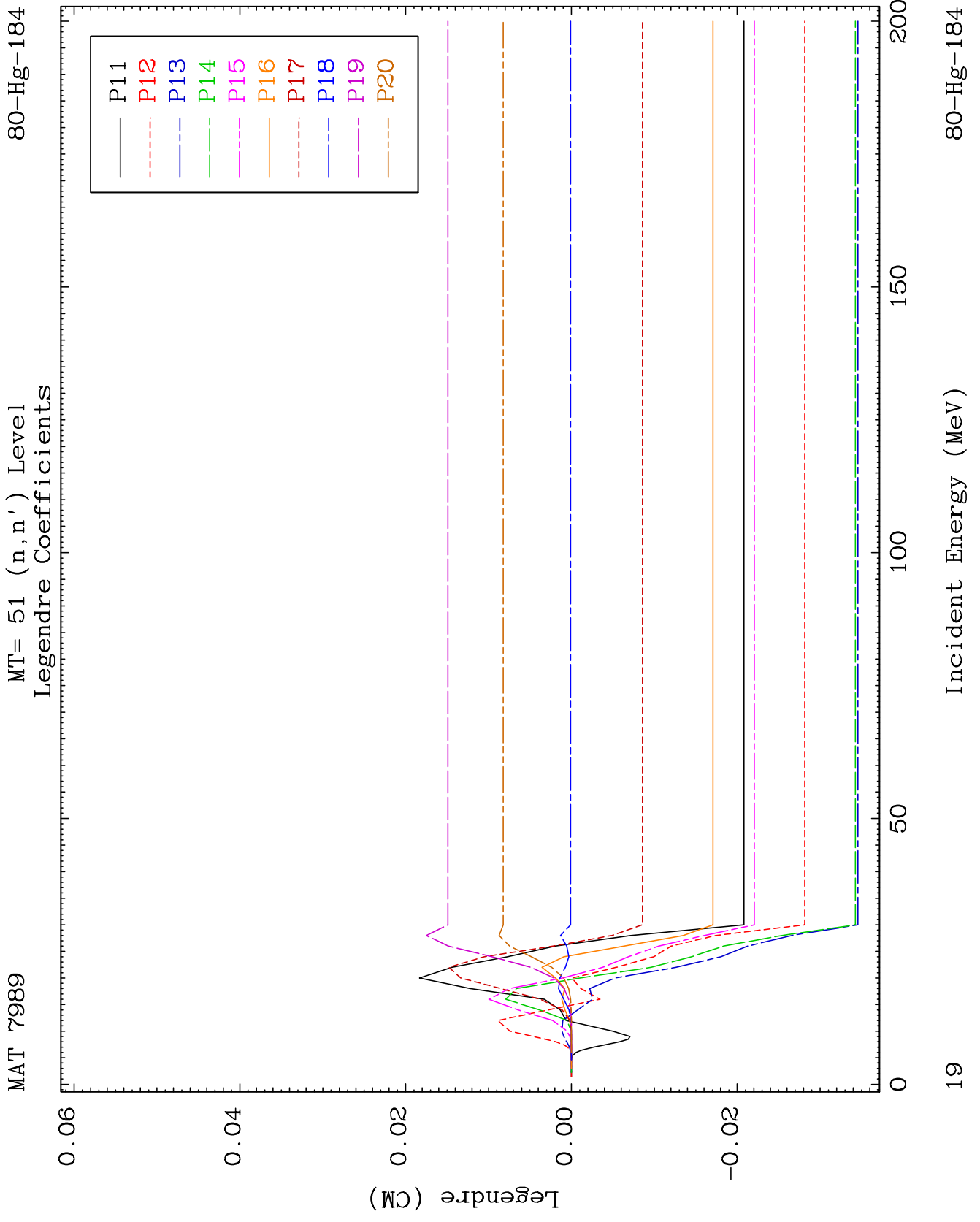


80-Hg-184

Incident Energy (MeV)

17

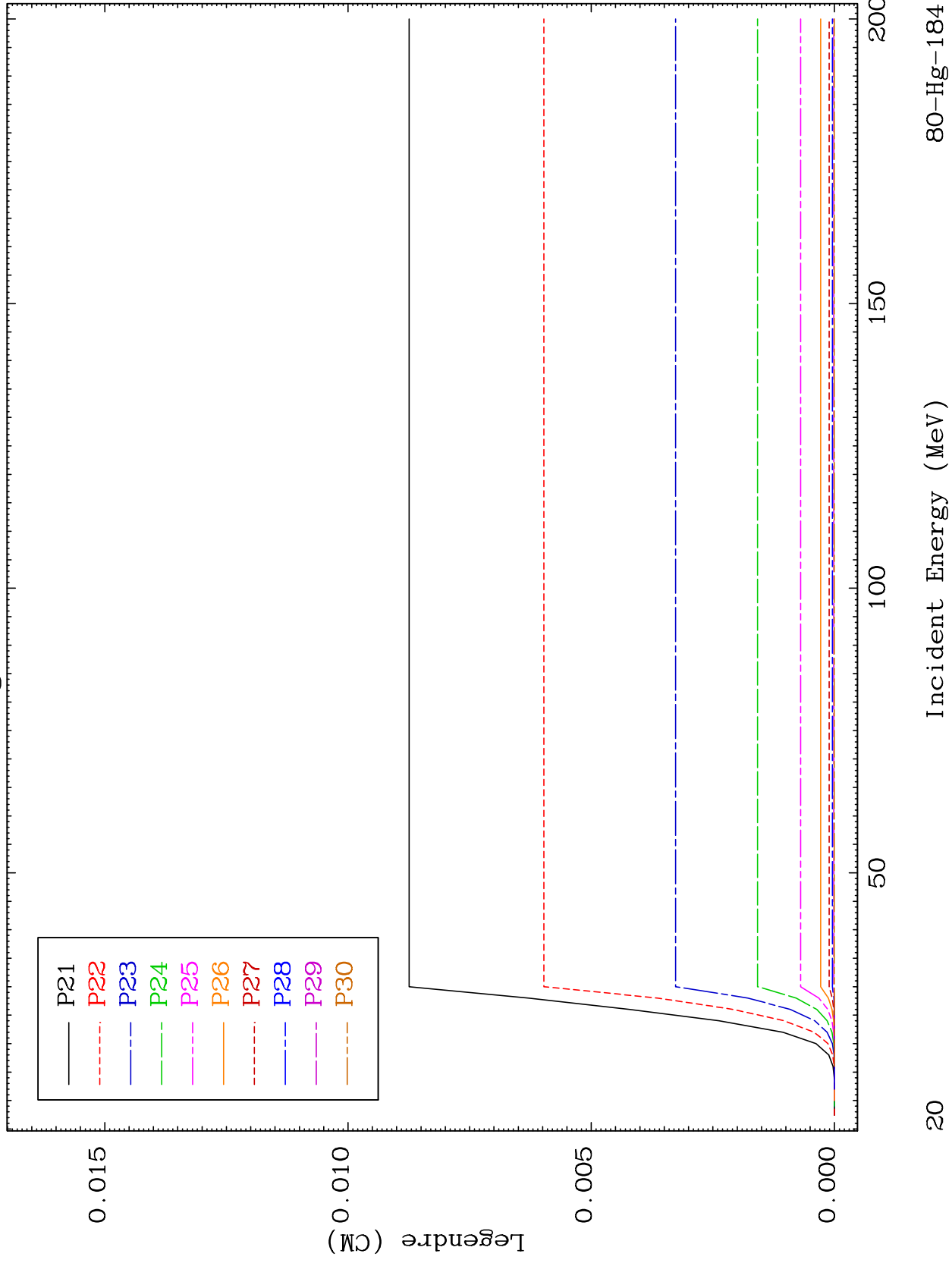




MAT 7989

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

80-Hg-184



20

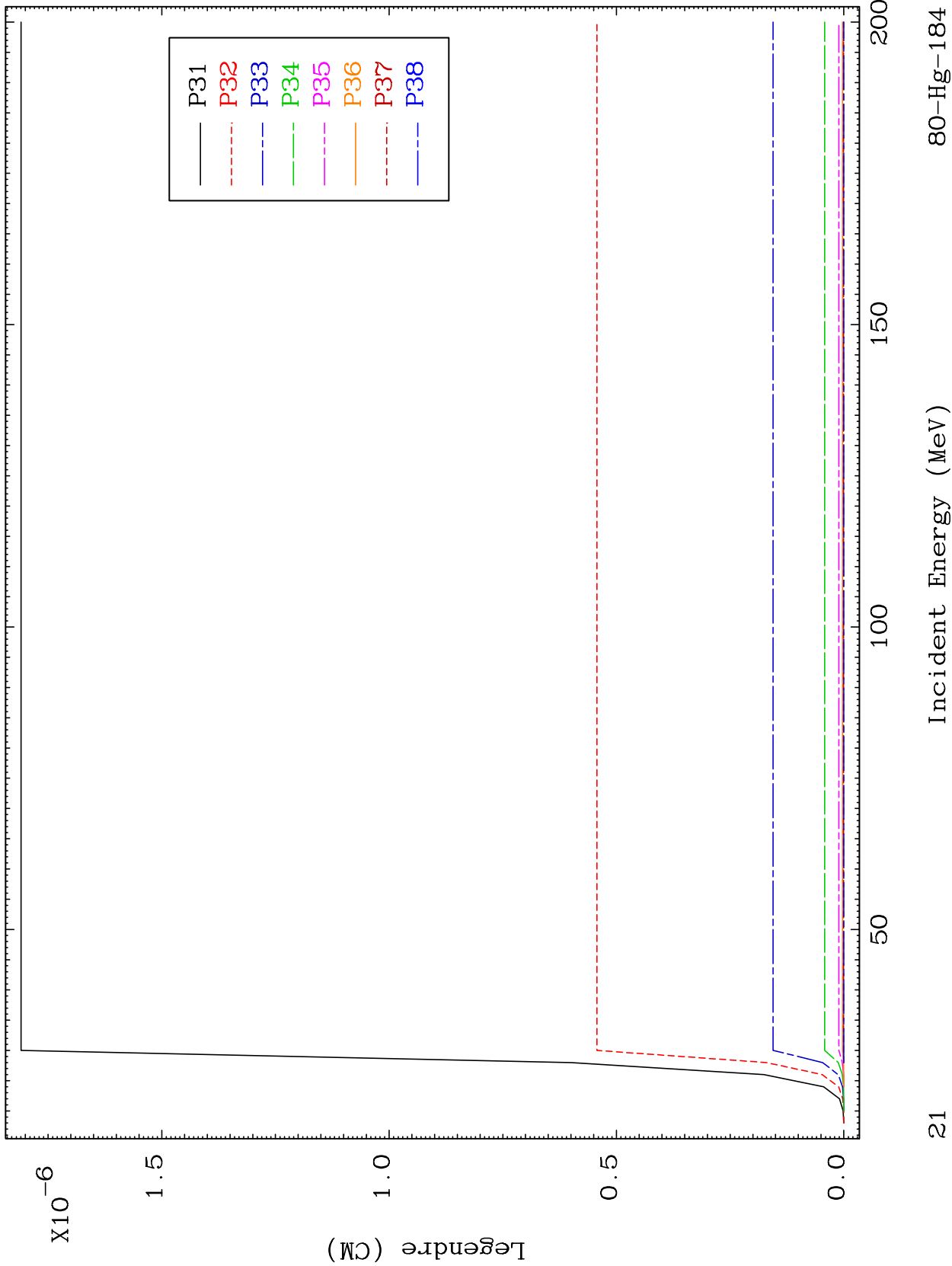
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

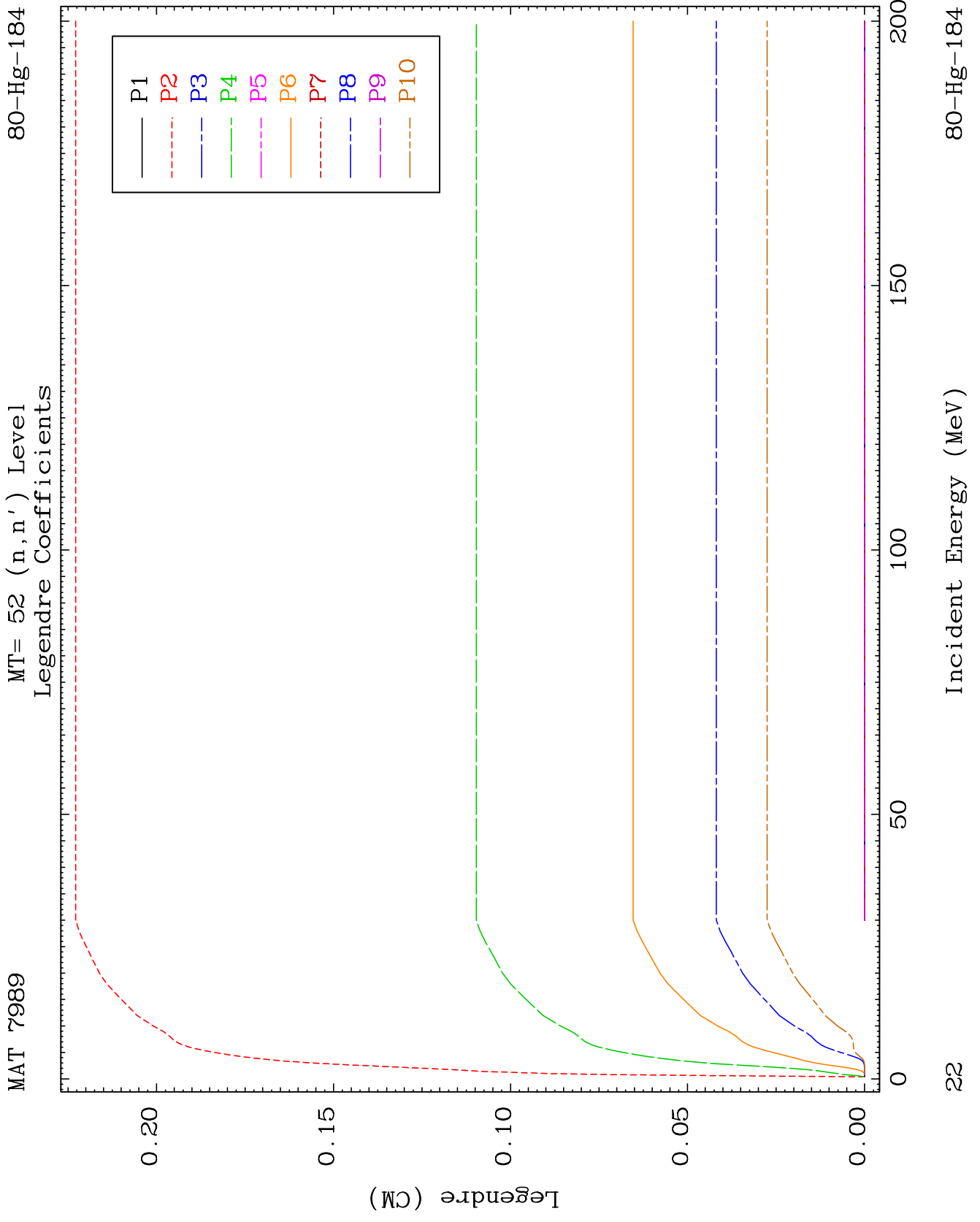
80-Hg-184



21

Incident Energy (MeV)

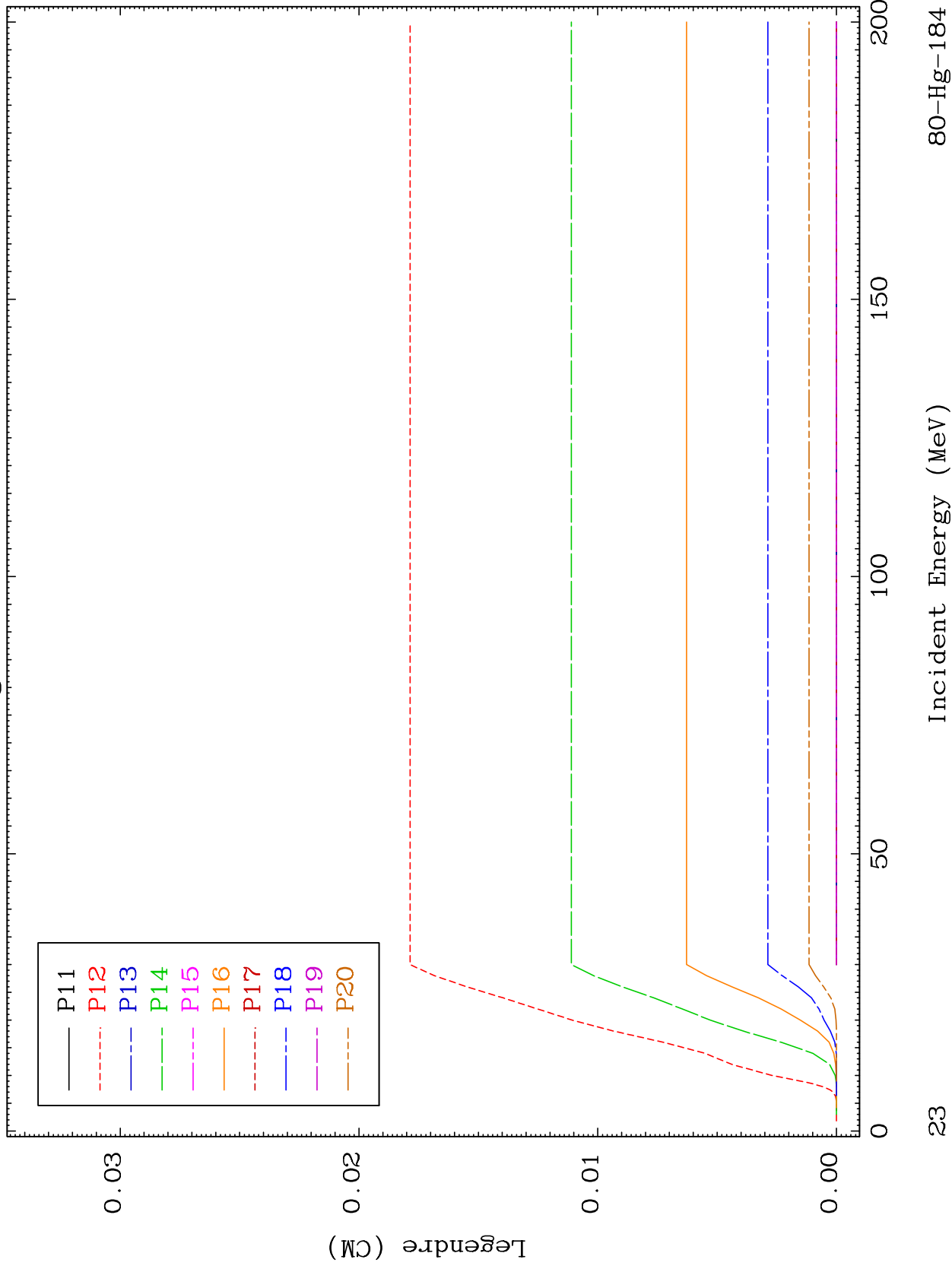
80-Hg-184



MAT 7989

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

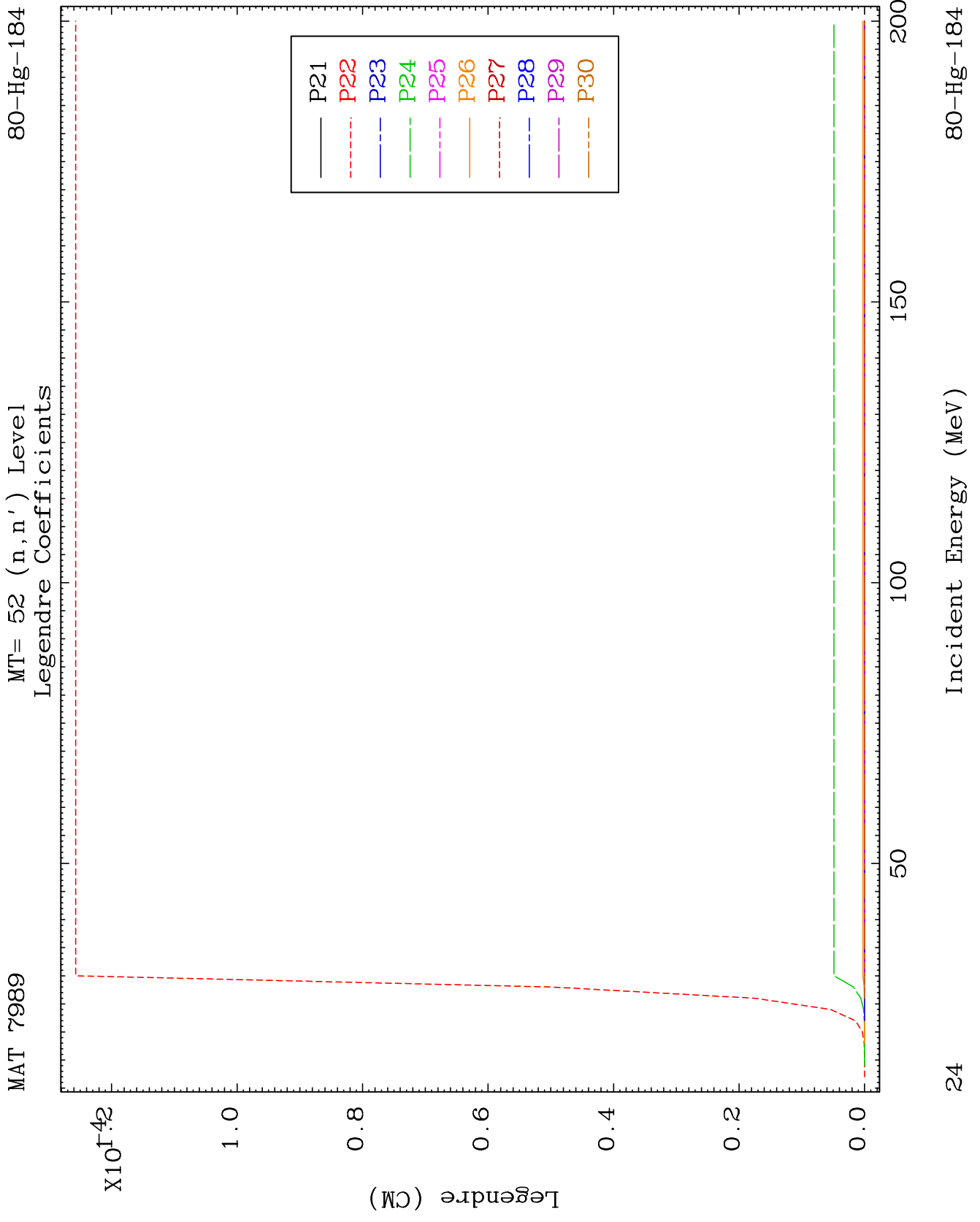
80-Hg-184

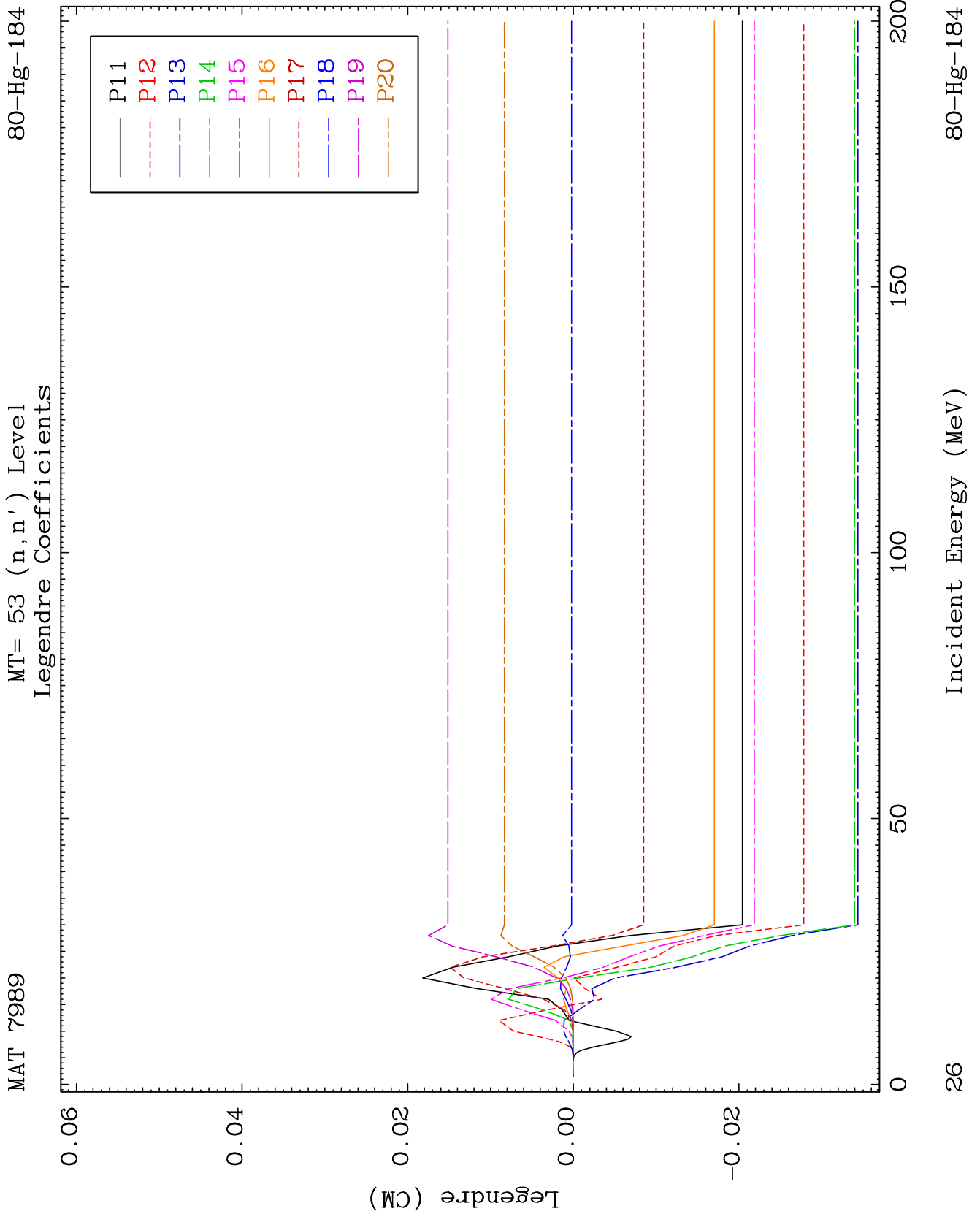


23

Incident Energy (MeV)

80-Hg-184

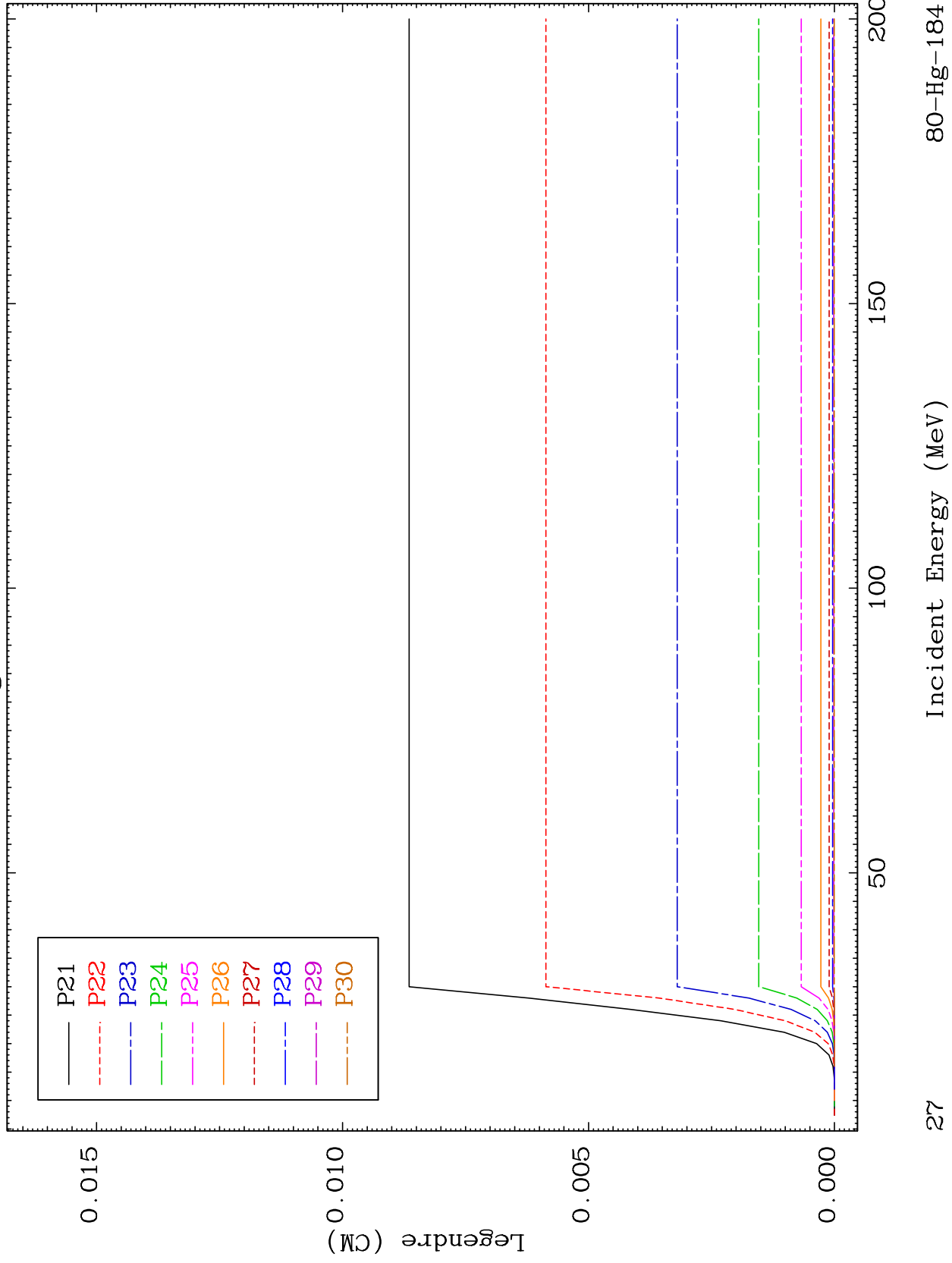




MAT 7989

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

80-Hg-184



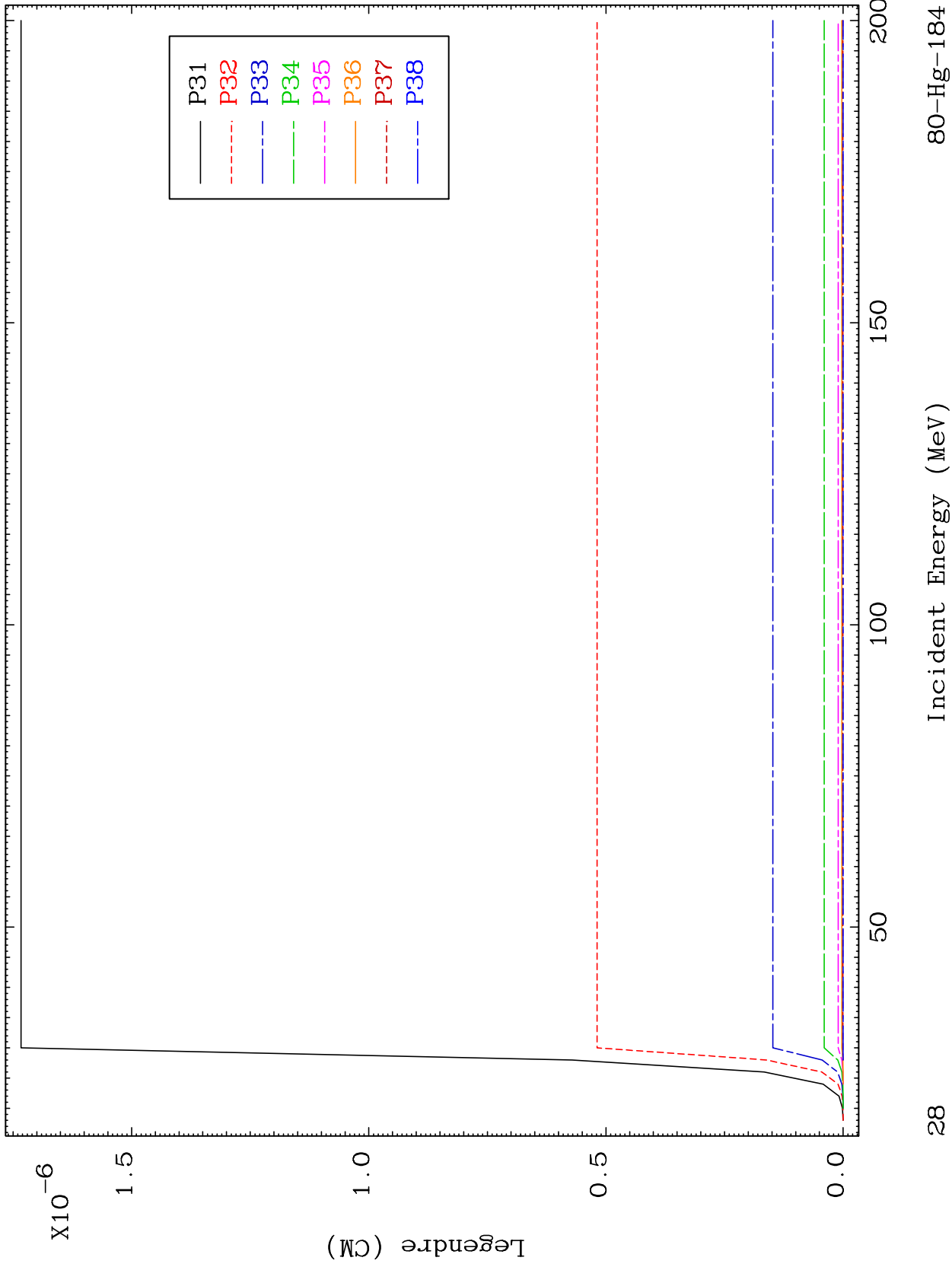
27

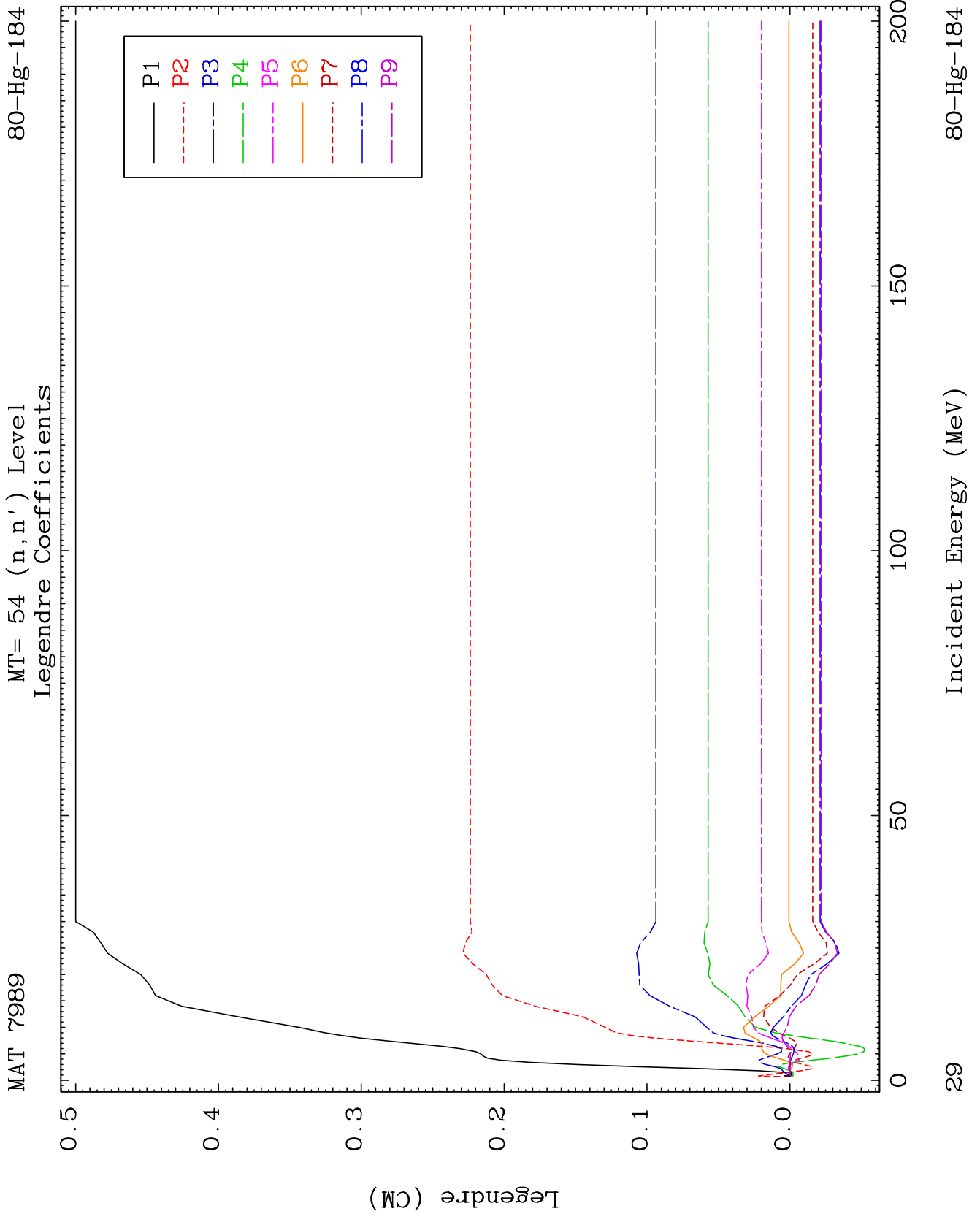
80-Hg-184

MAT 7989

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

80-Hg-184

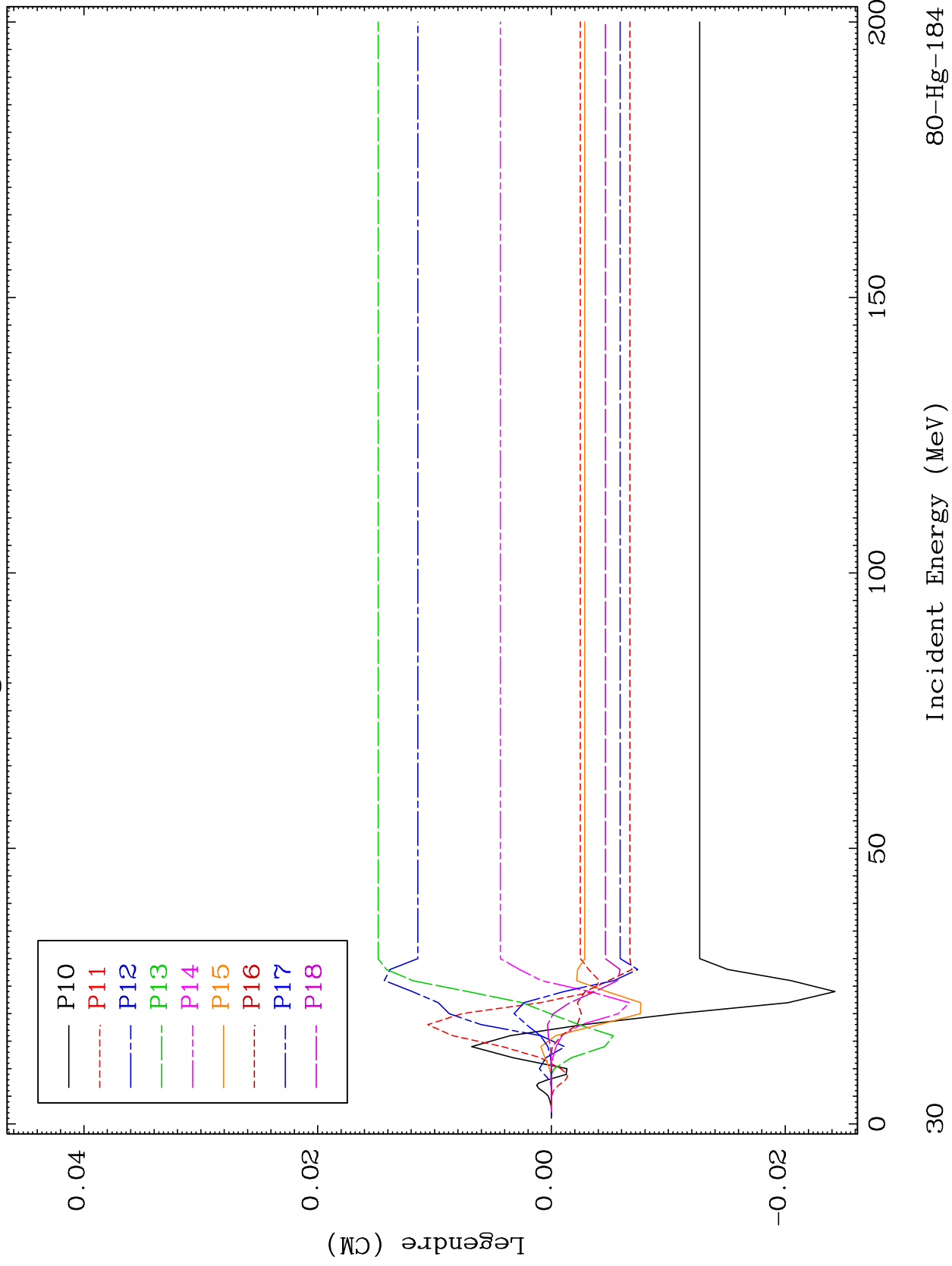


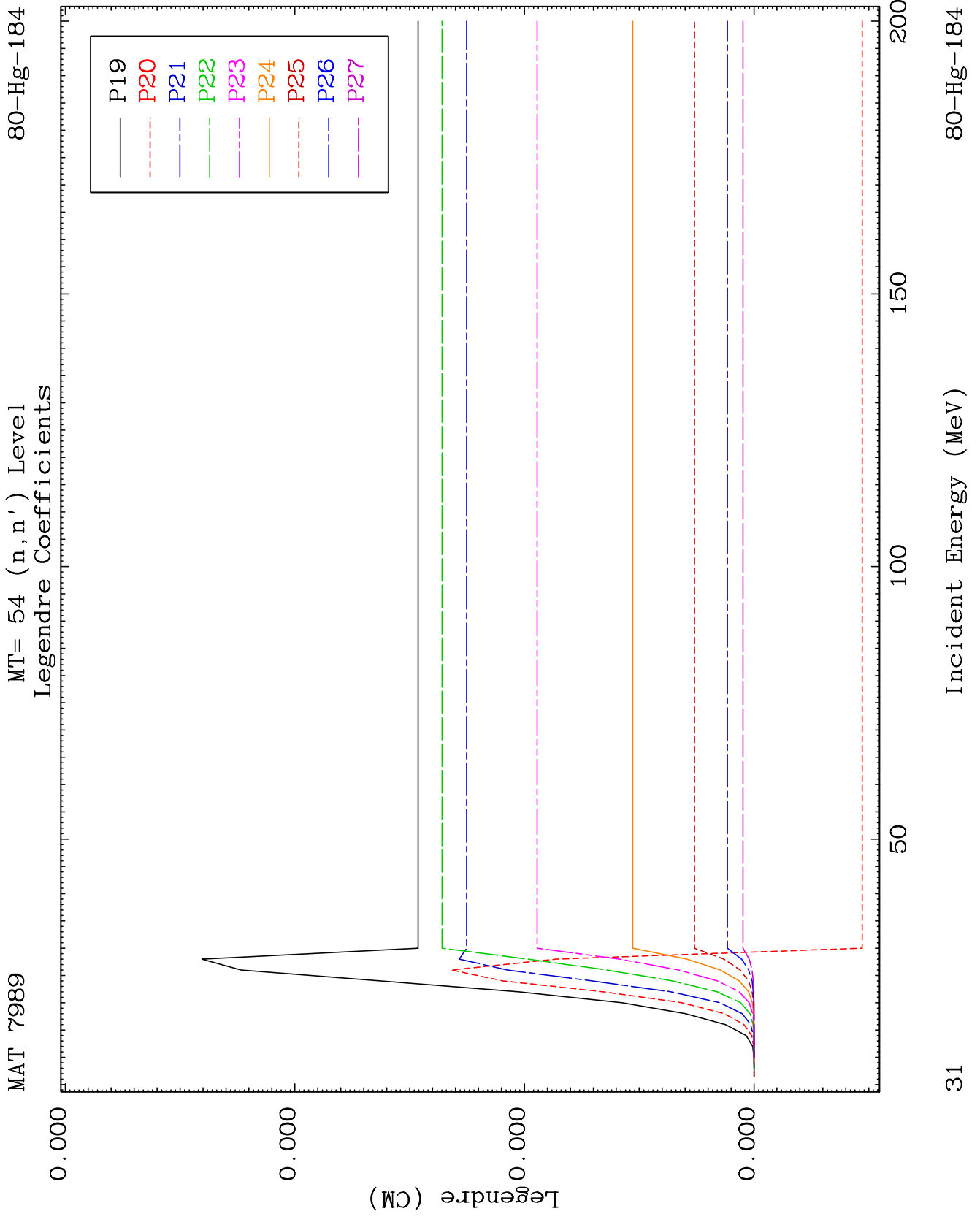


MAT 7989

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

80-Hg-184

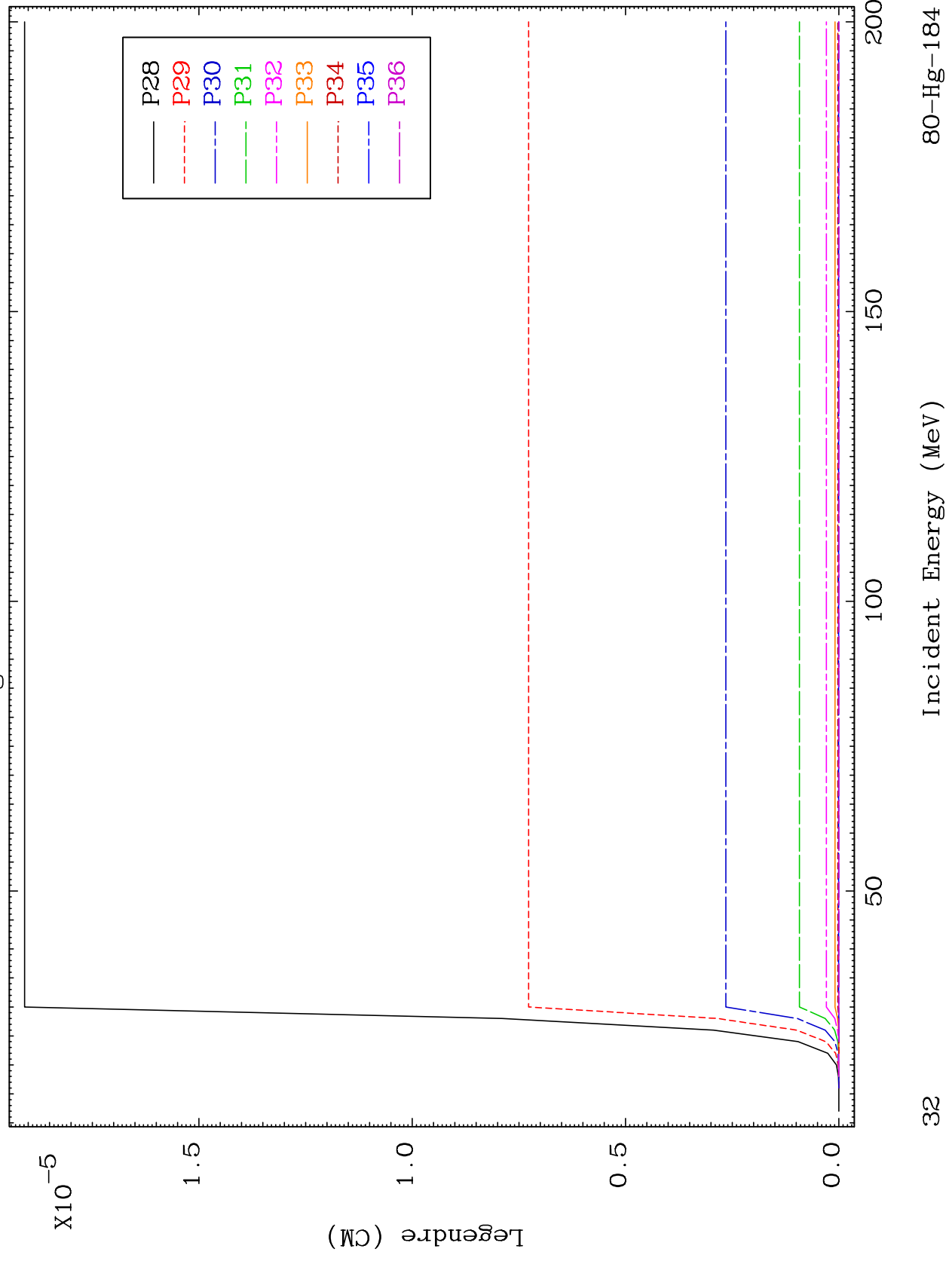


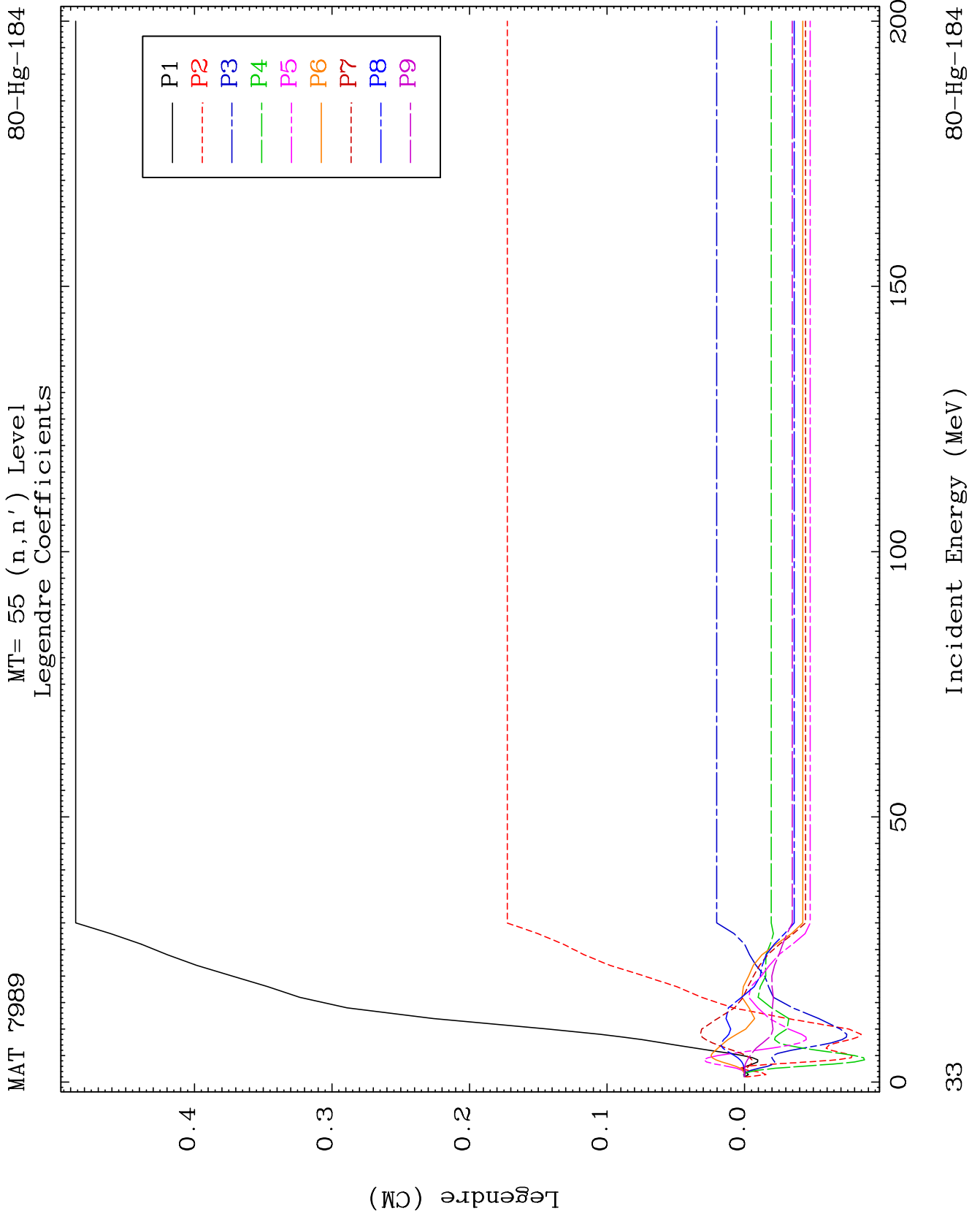


MAT 7989

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

80-Hg-184

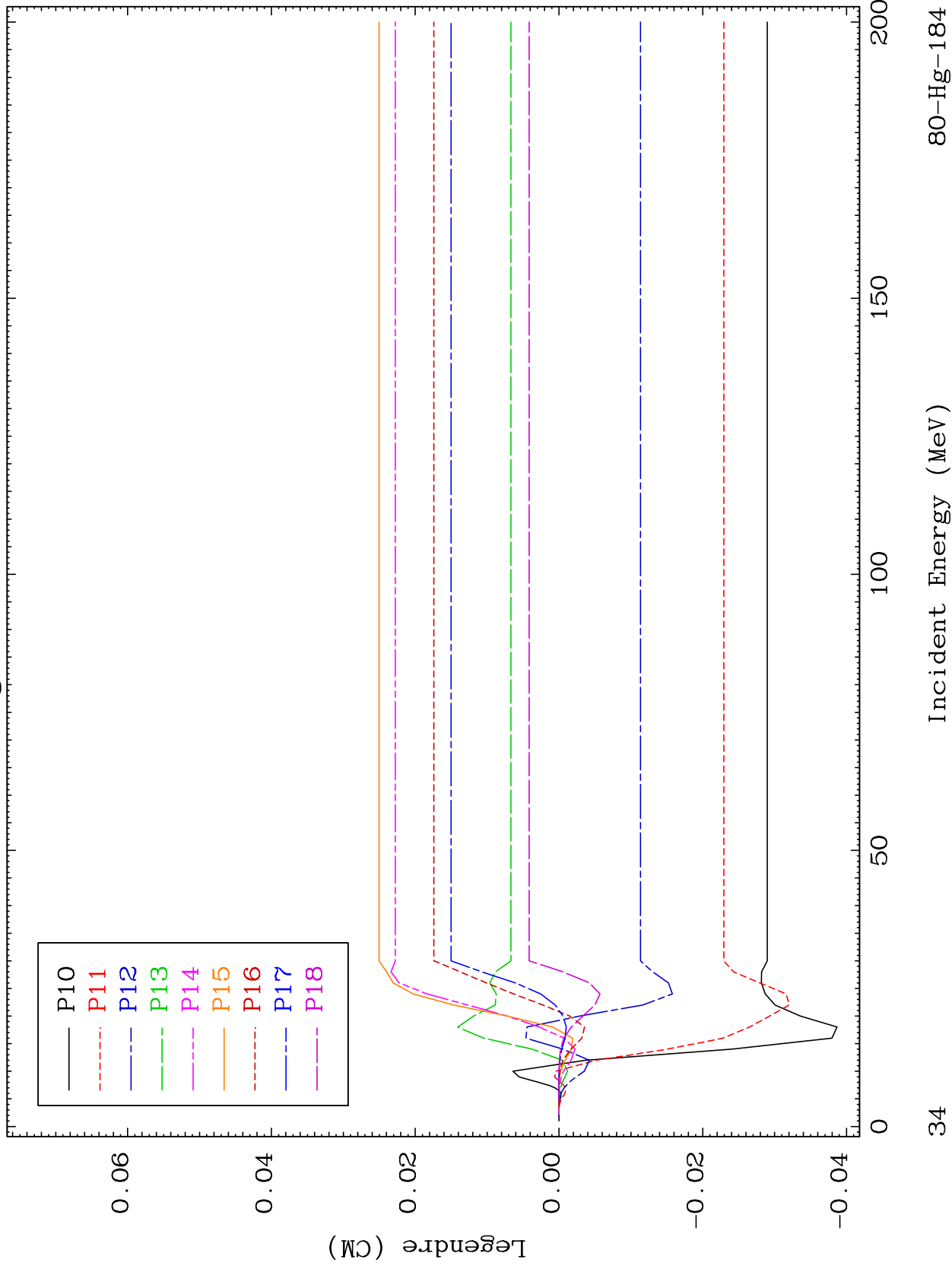




MAT 7989

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

80-Hg-184

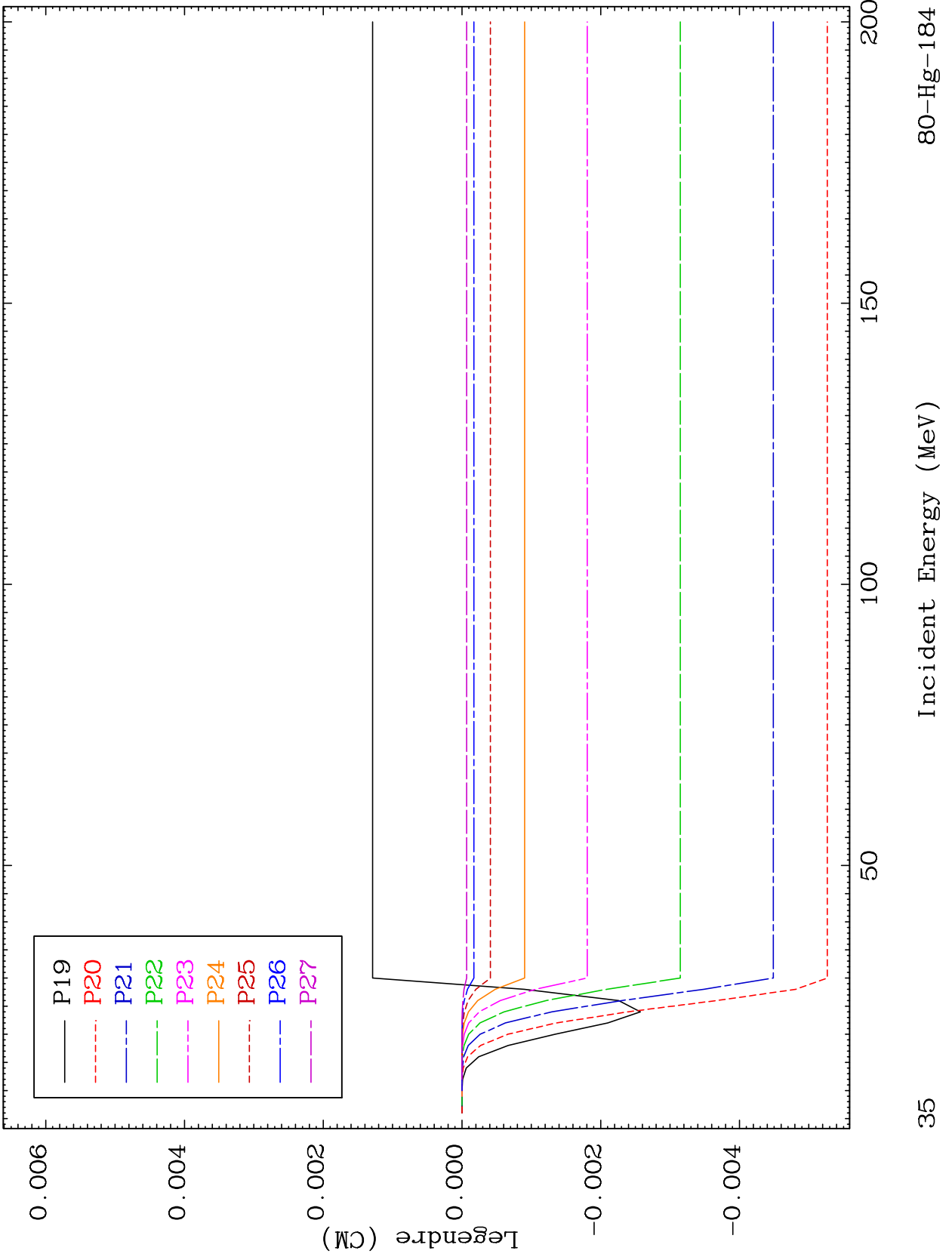


34

MAT 7989

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

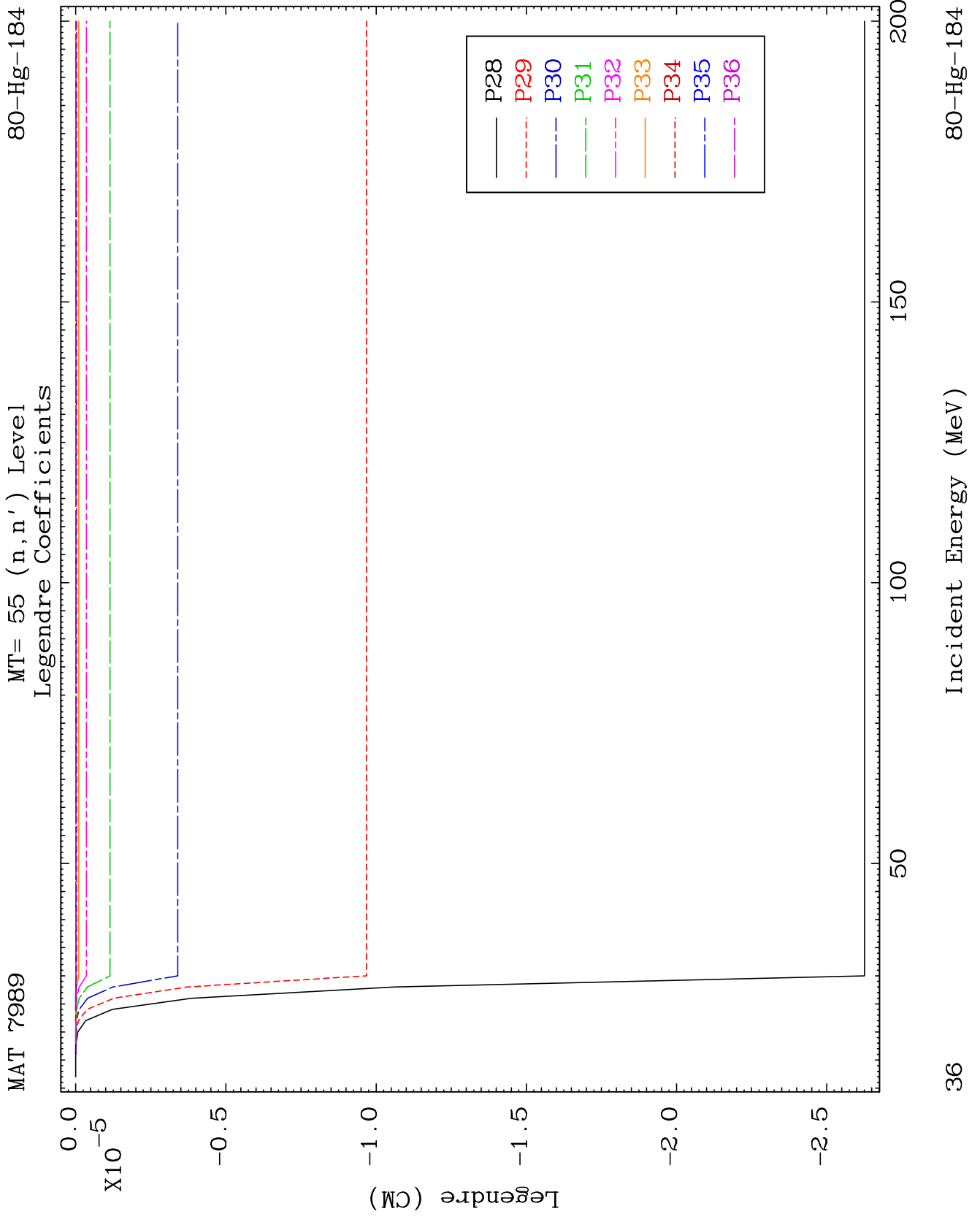
80-Hg-184



35

Incident Energy (MeV)

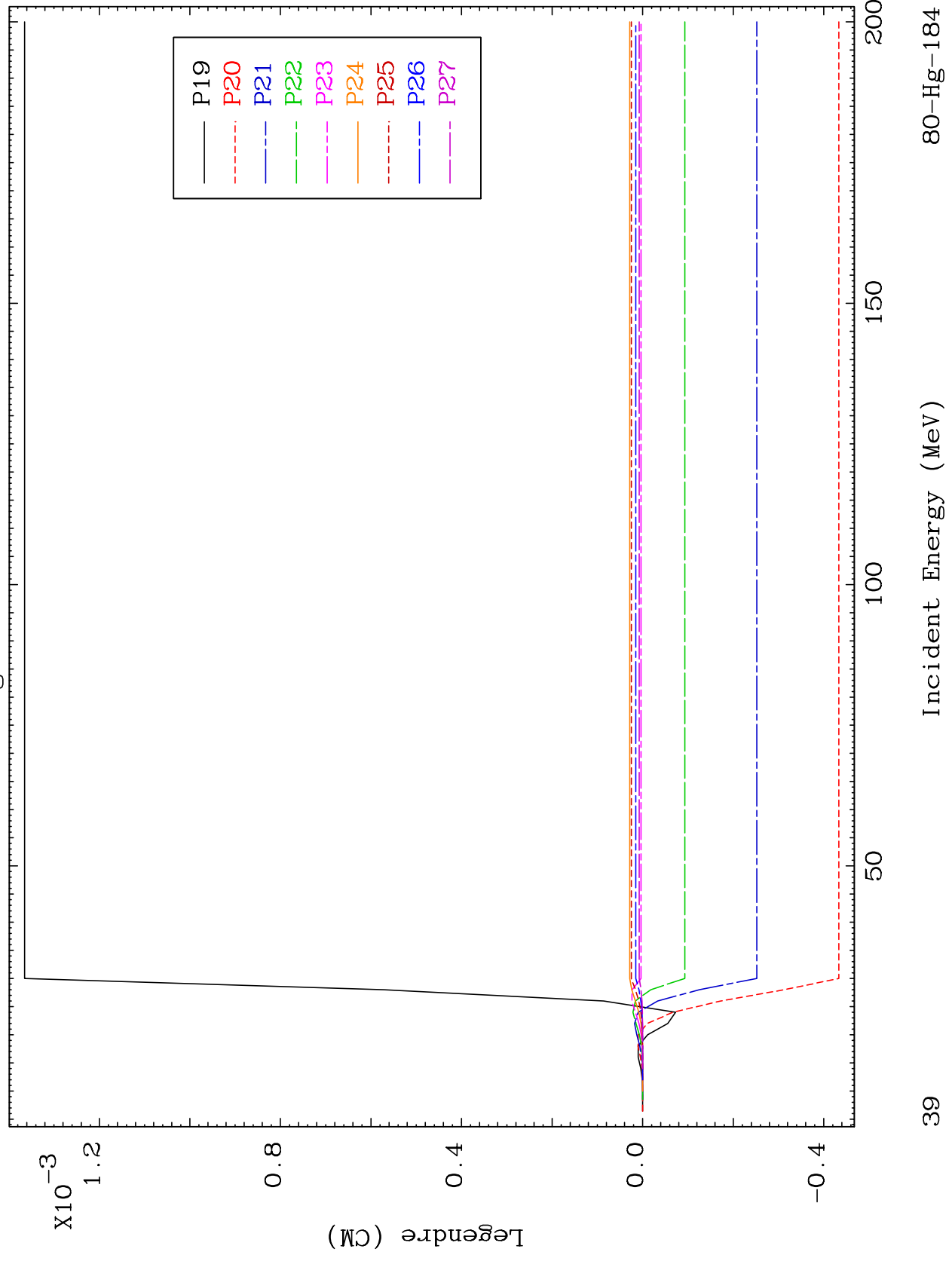
80-Hg-184



MAT 7989

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

80-Hg-184



39

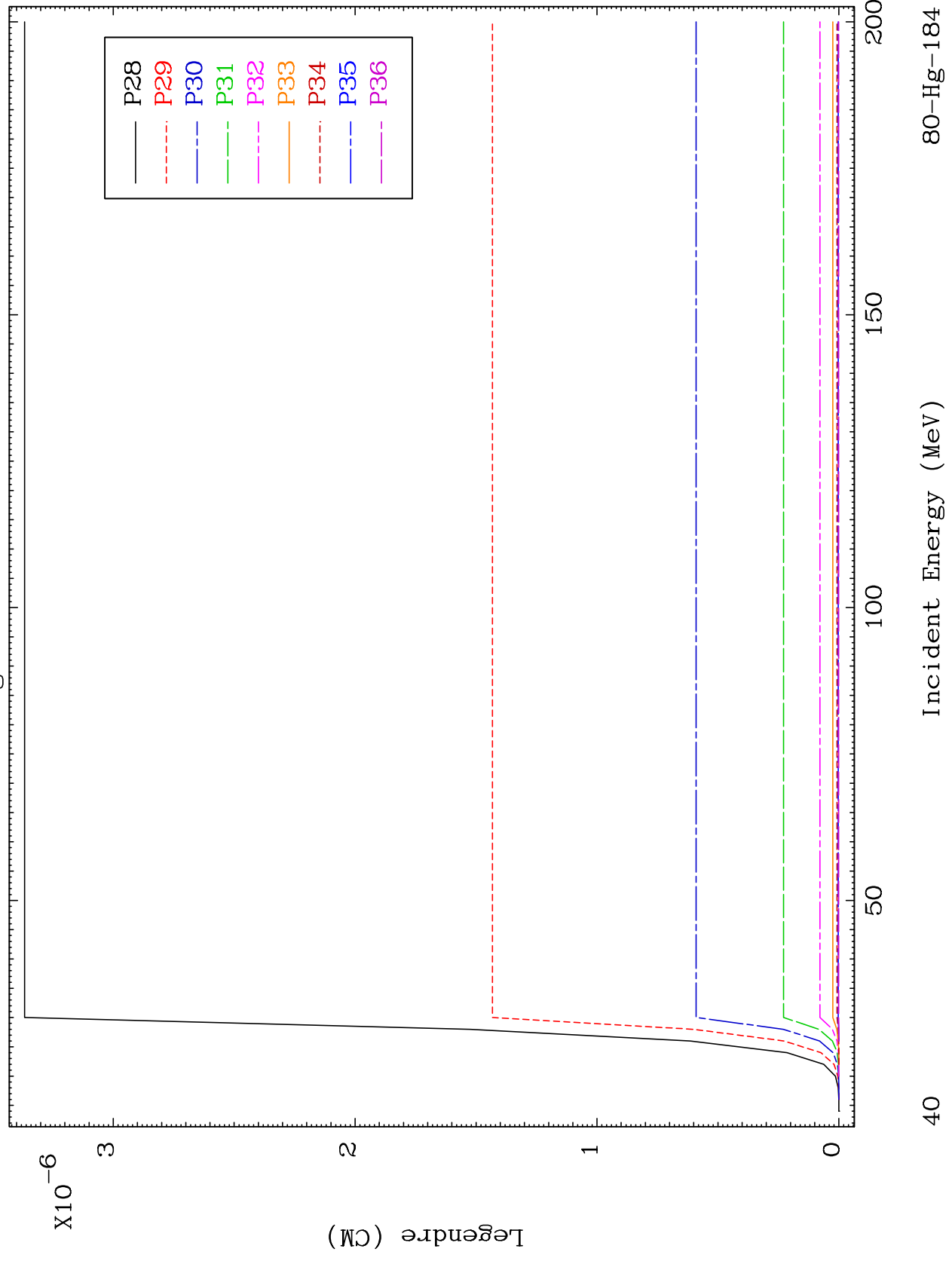
Incident Energy (MeV)

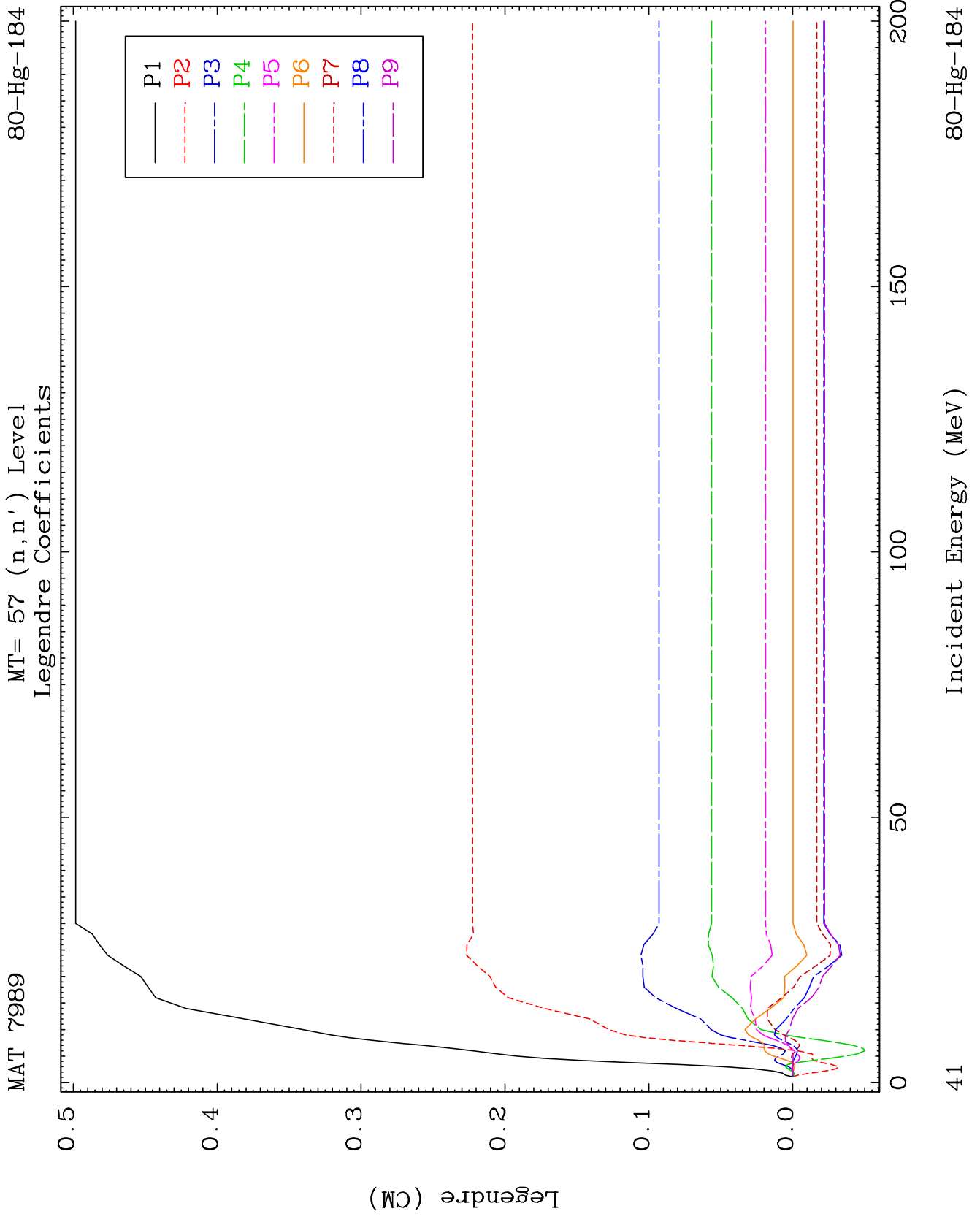
80-Hg-184

MAT 7989

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

80-Hg-184

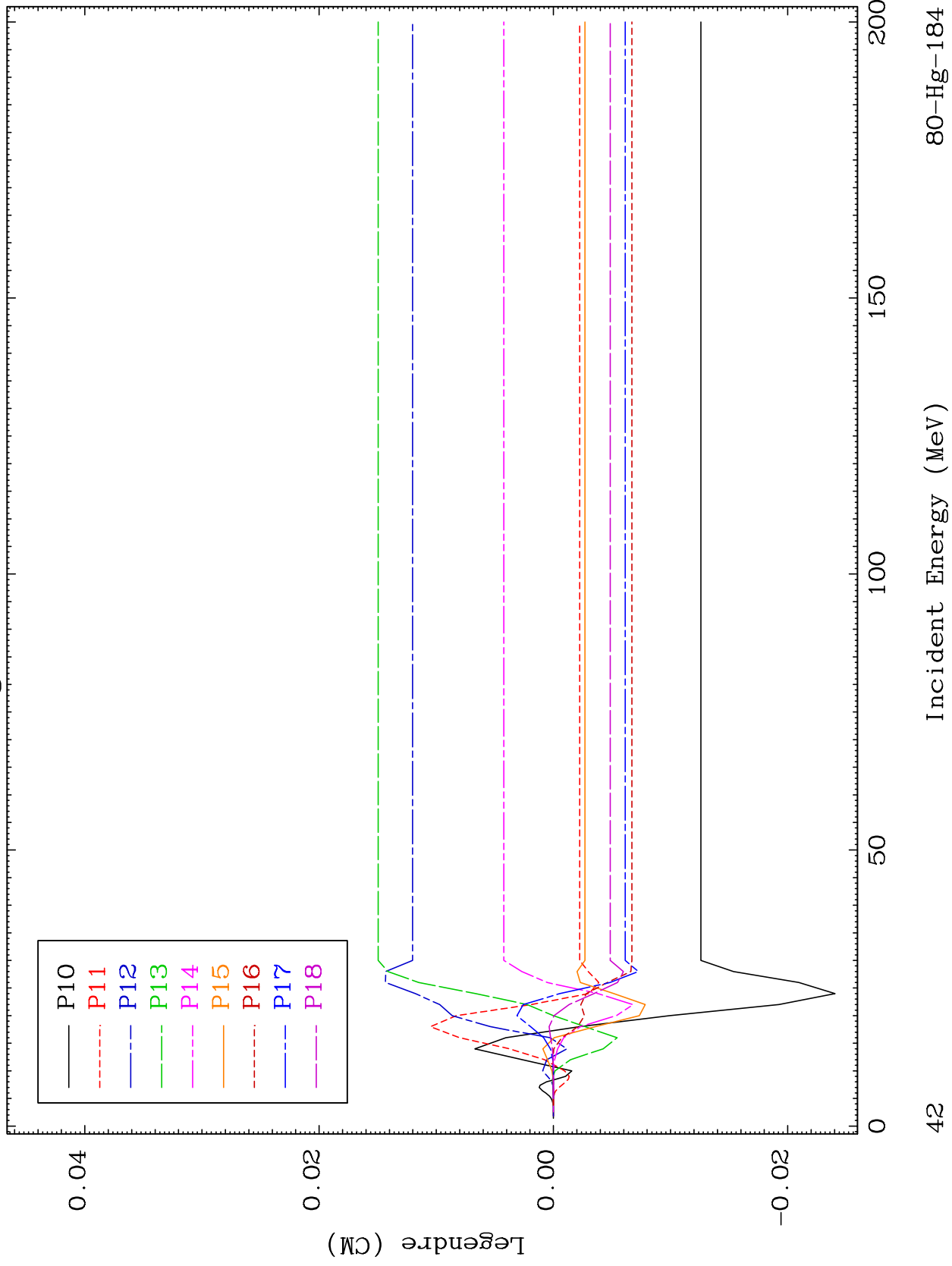




MAT 7989

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

80-Hg-184

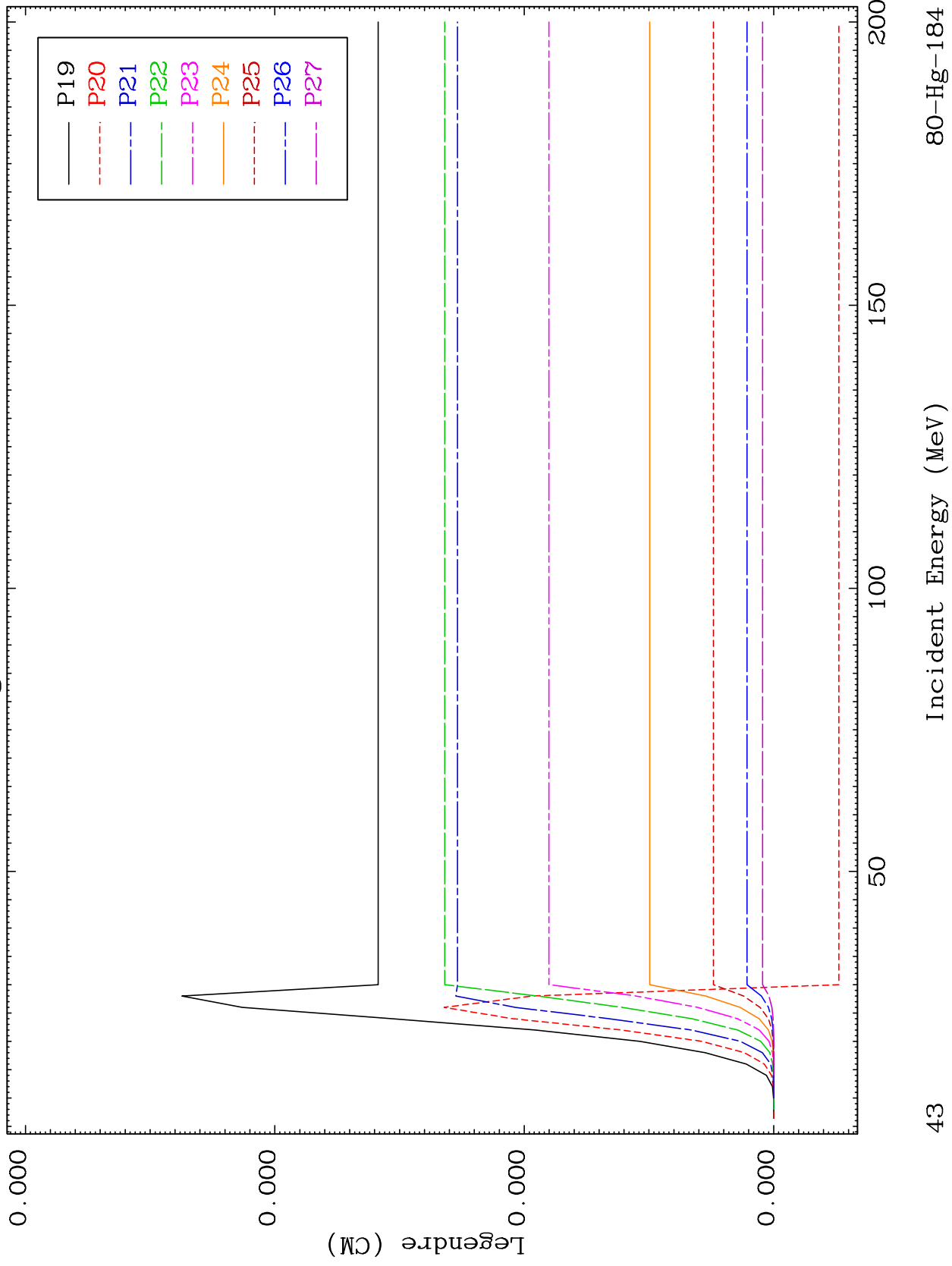


42

MAT 7989

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

80-Hg-184



43

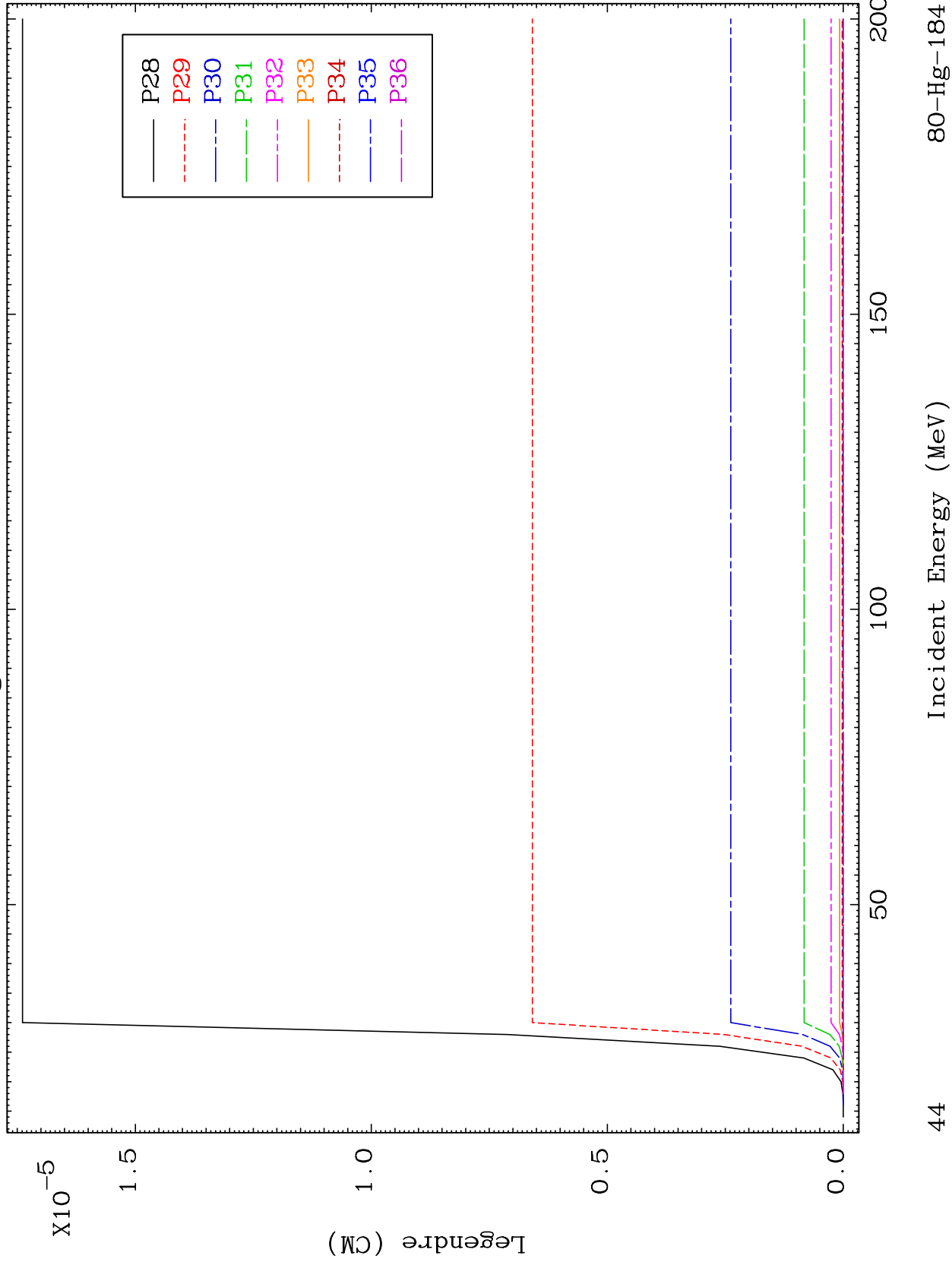
Incident Energy (MeV)

80-Hg-184

MAT 7989

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

80-Hg-184



44

Incident Energy (MeV)

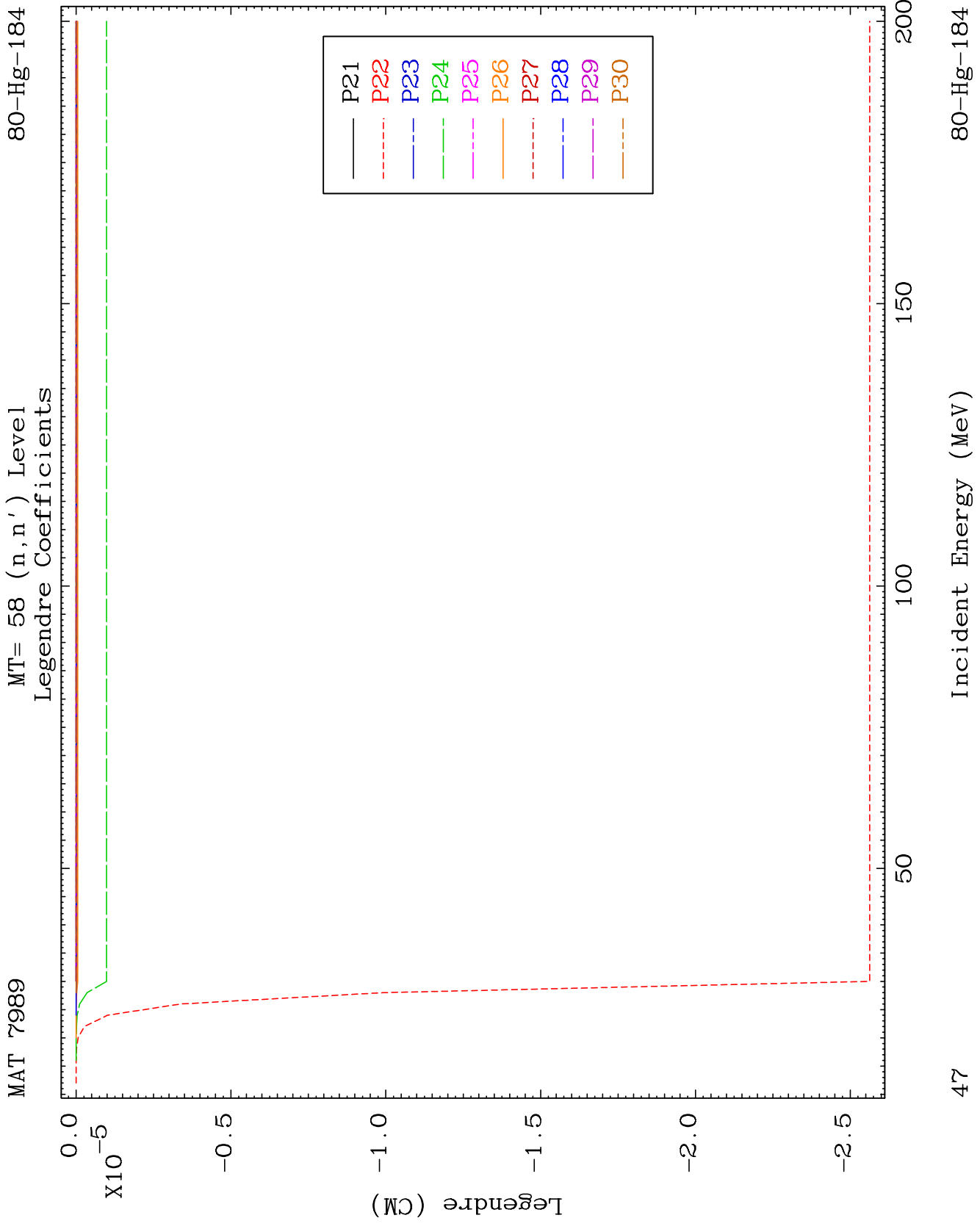
80-Hg-184

200

150

100

50

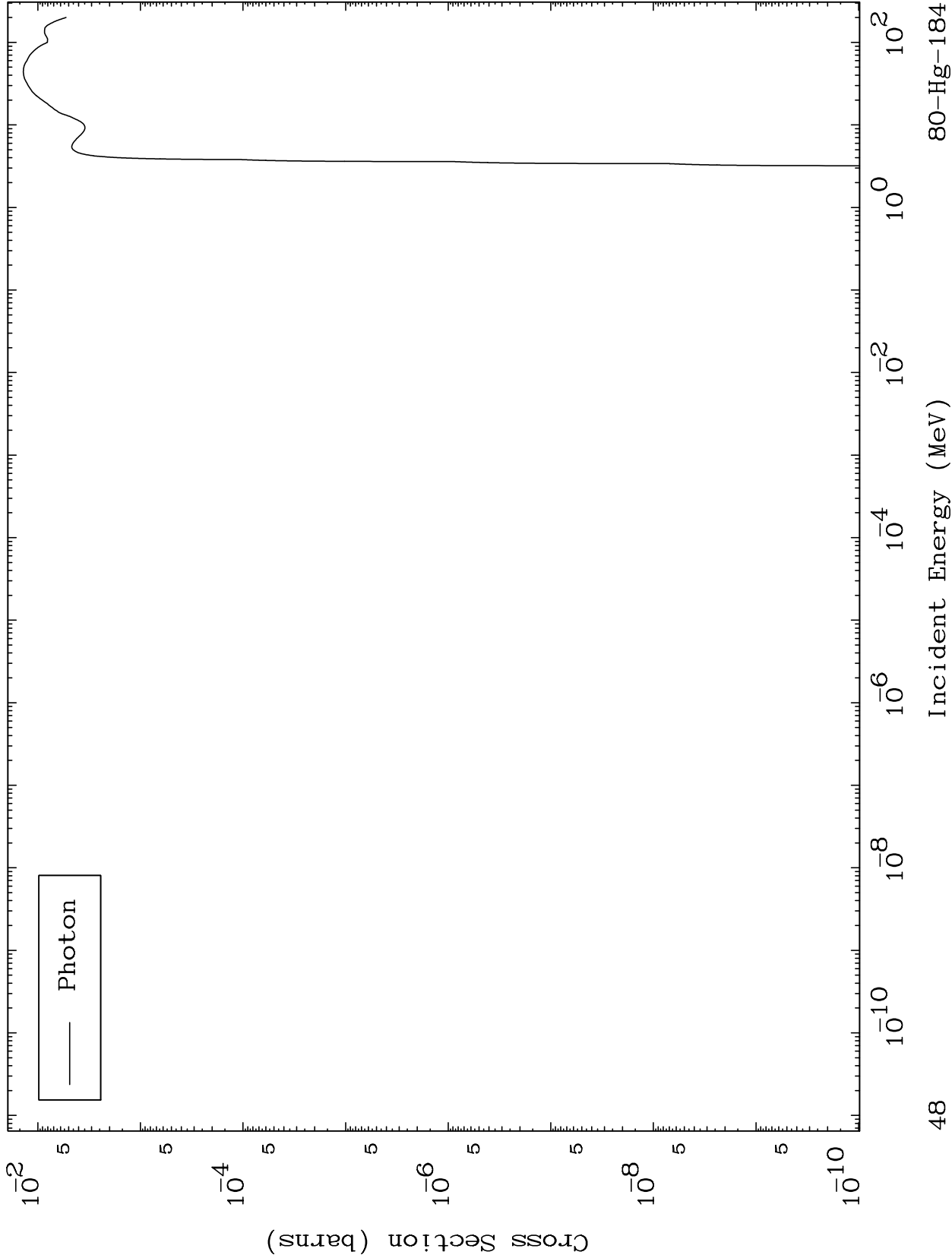


MAT 7989

Fission

80-Hg-184

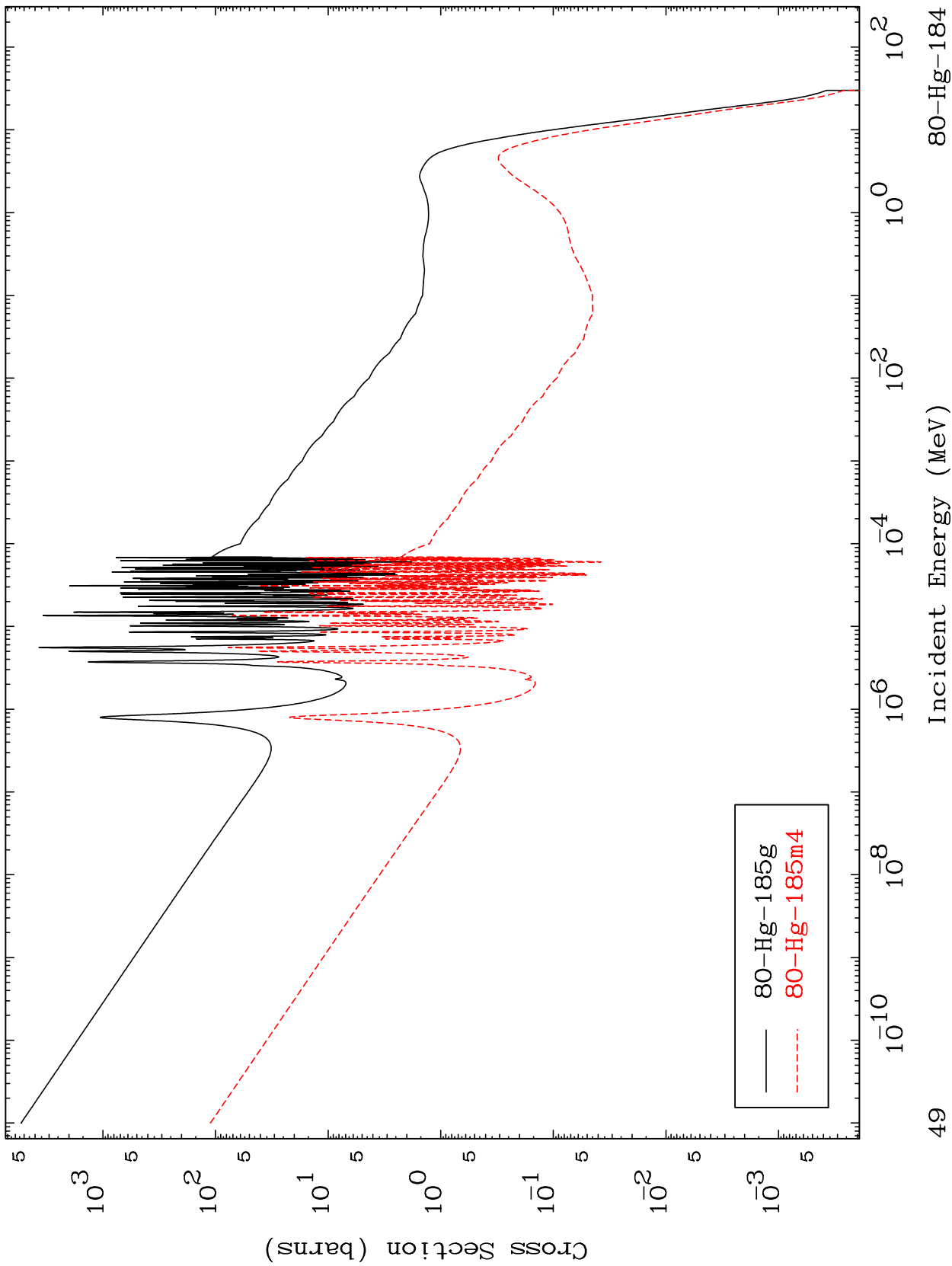
Radionuclide Production Cross Section



MAT 7989

80-Hg-184

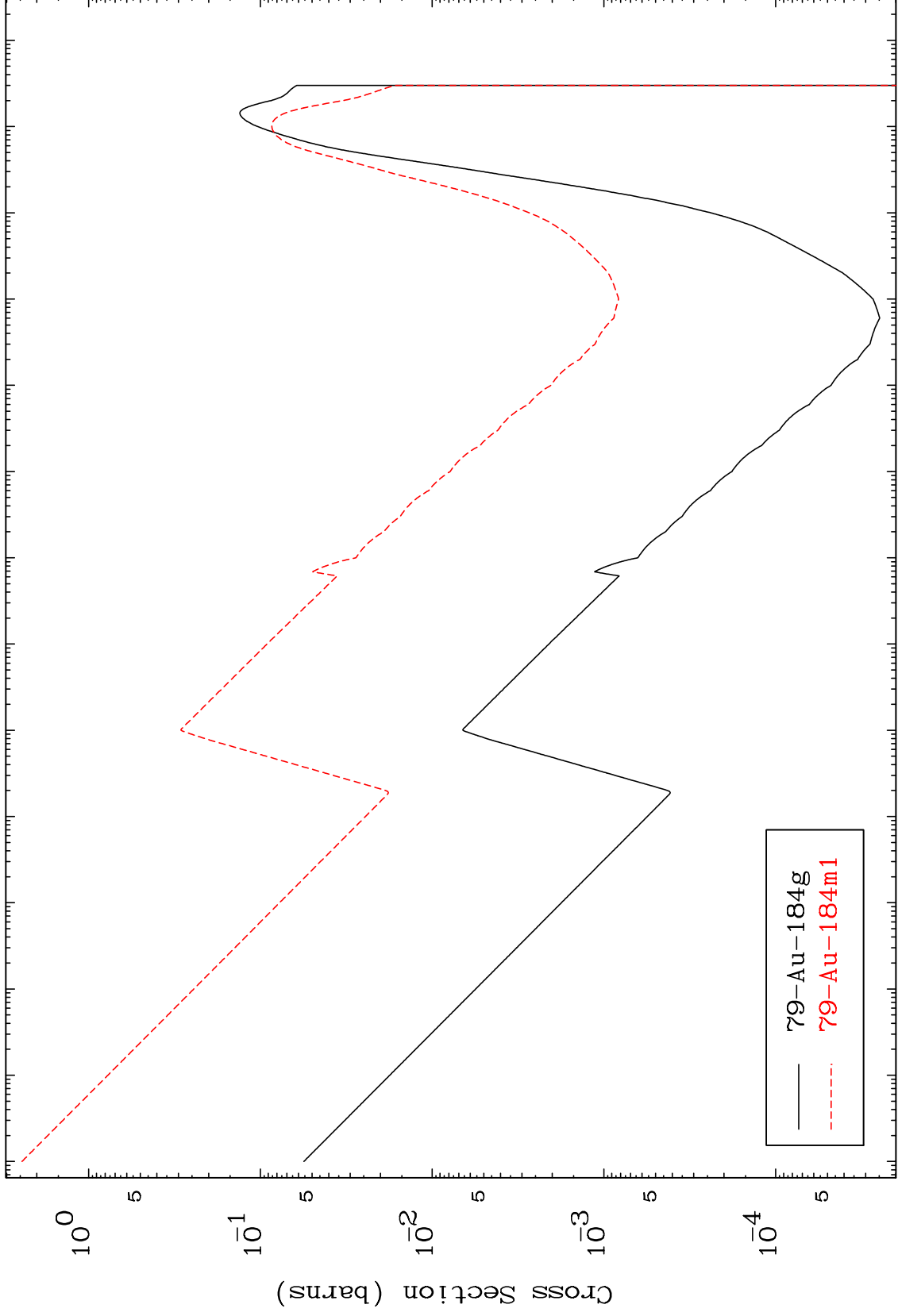
(n, γ)
Radionuclide Production Cross Section



MAT 7989

80-Hg-184

(n,p)
Radionuclide Production Cross Section



— 79-Au-184g
- - - 79-Au-184m1

50

Incident Energy (MeV)

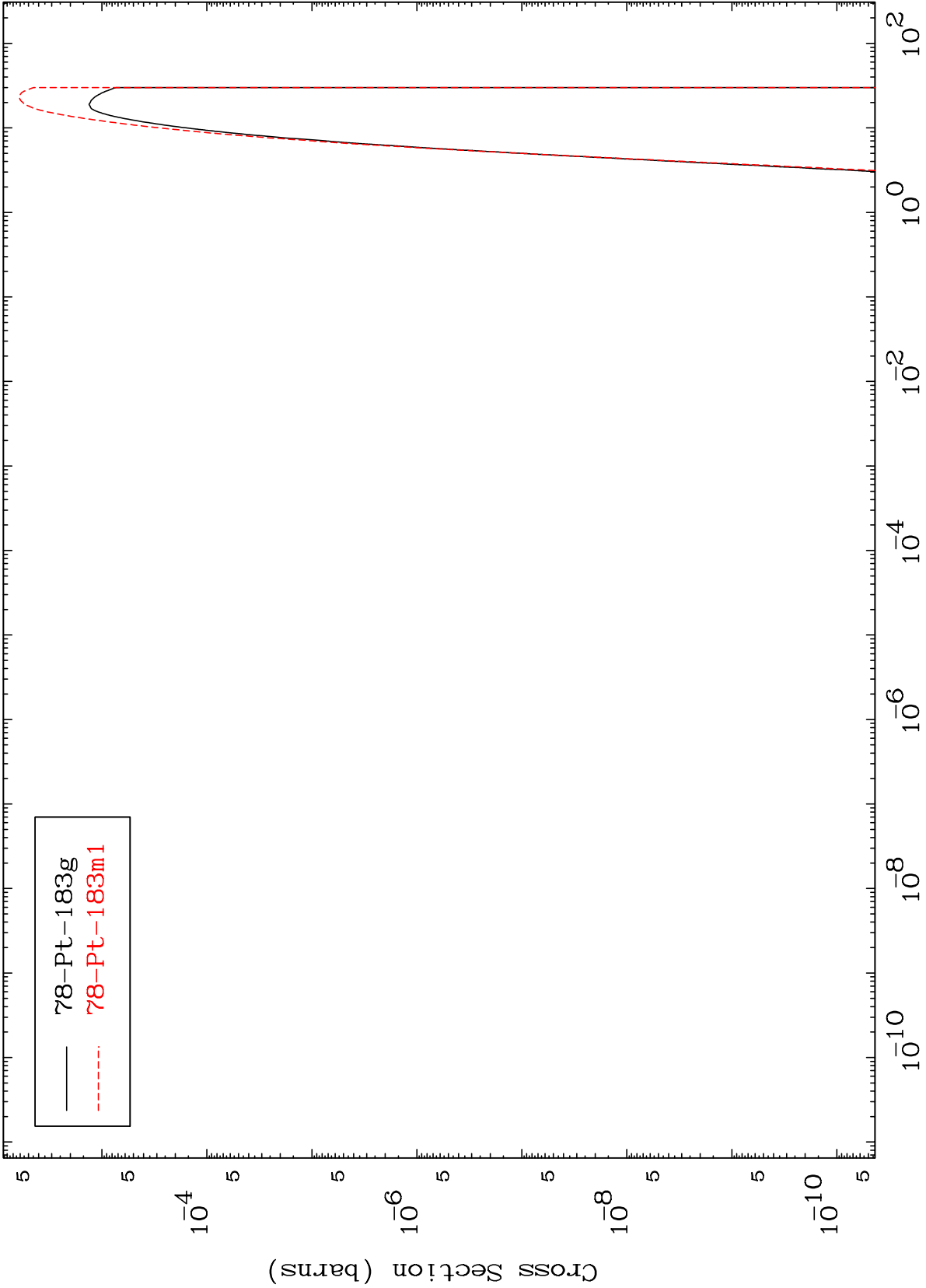
80-Hg-184

MAT 7989

(n,2p)

80-Hg-184

Radionuclide Production Cross Section



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