

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

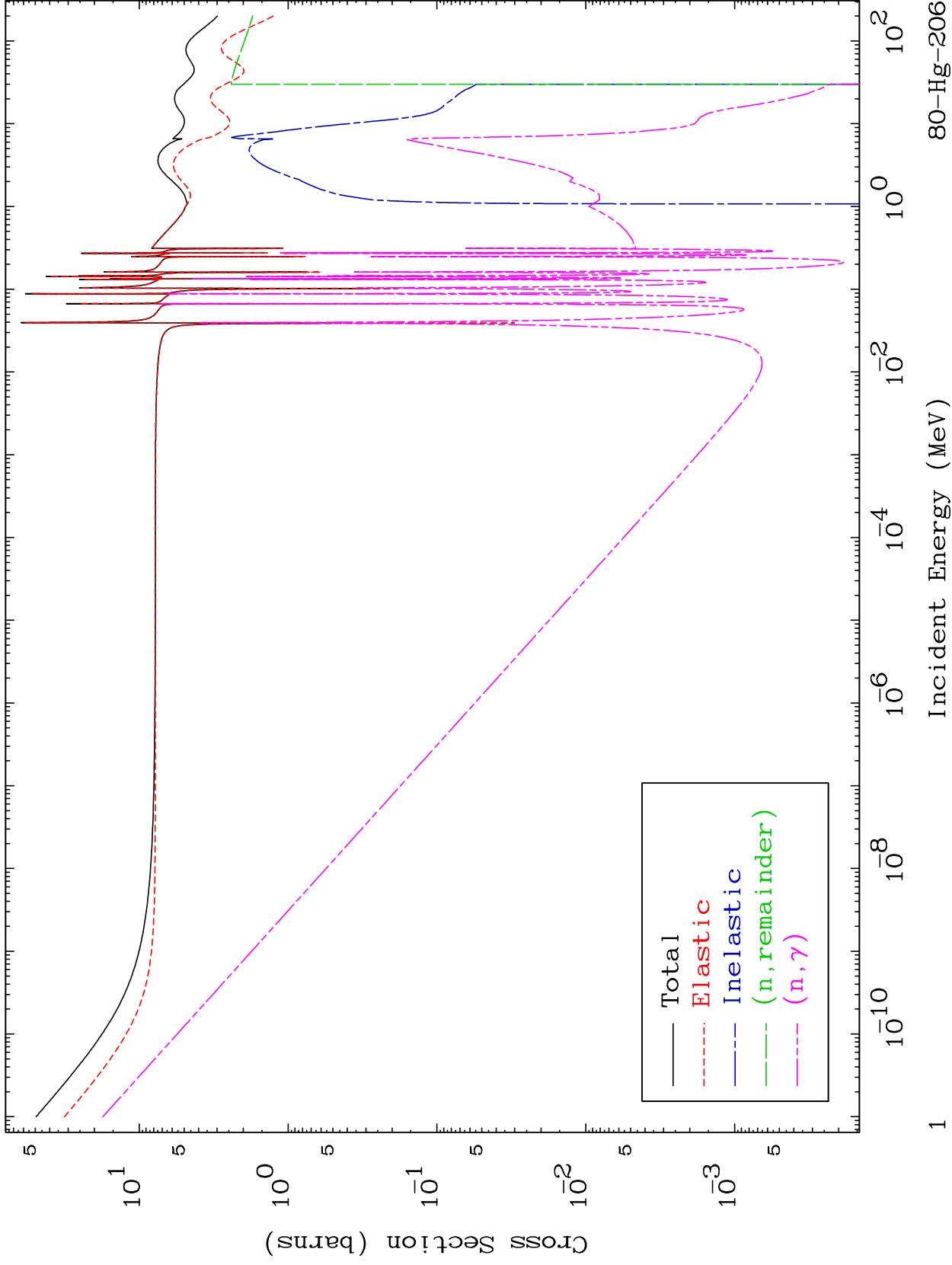
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 8055

Major
293 Kelvin Cross Sections

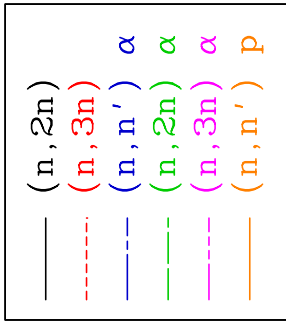
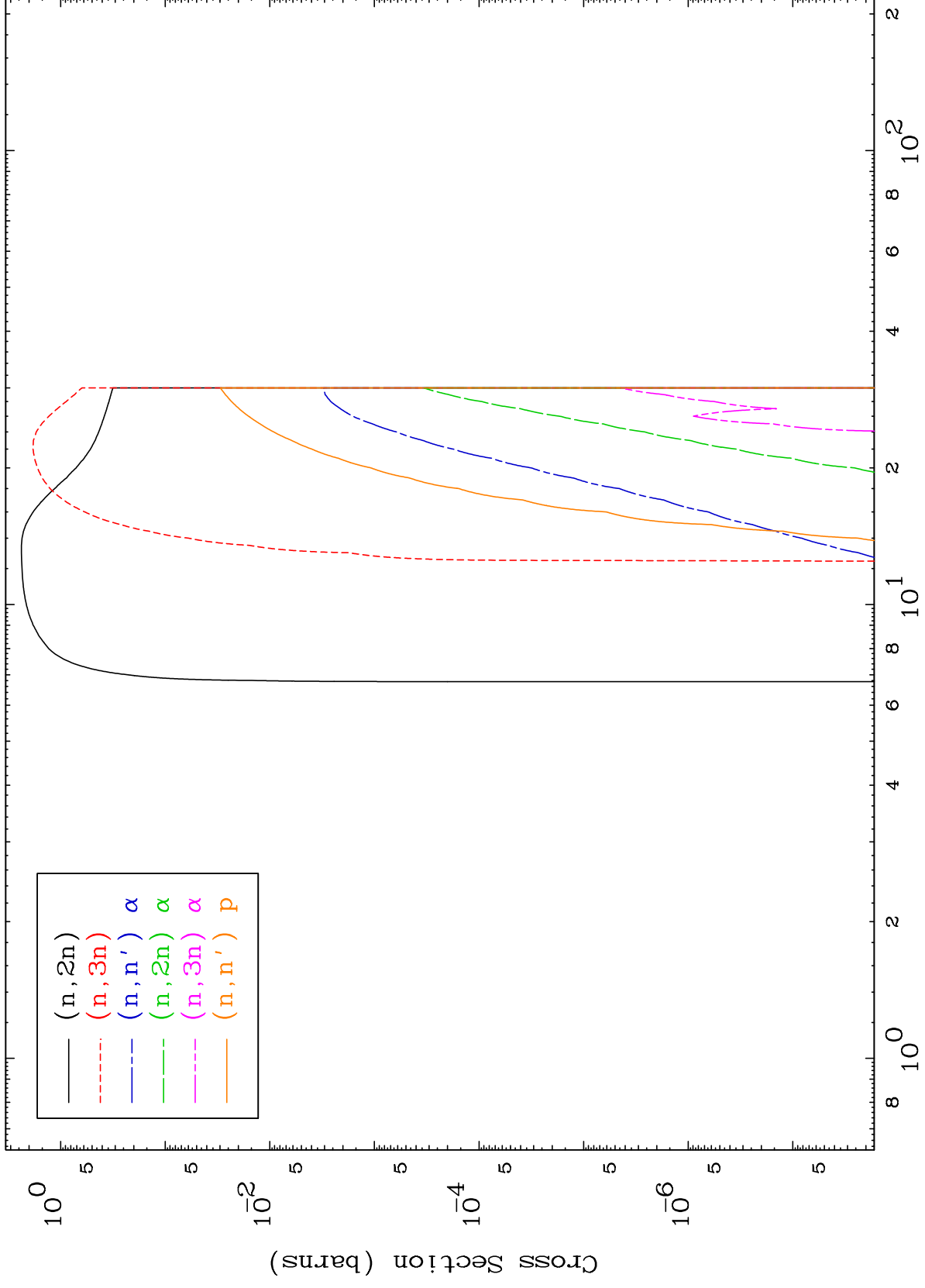
80-Hg-206



MAT 80555

Neutron Production
293 Kelvin Cross Sections

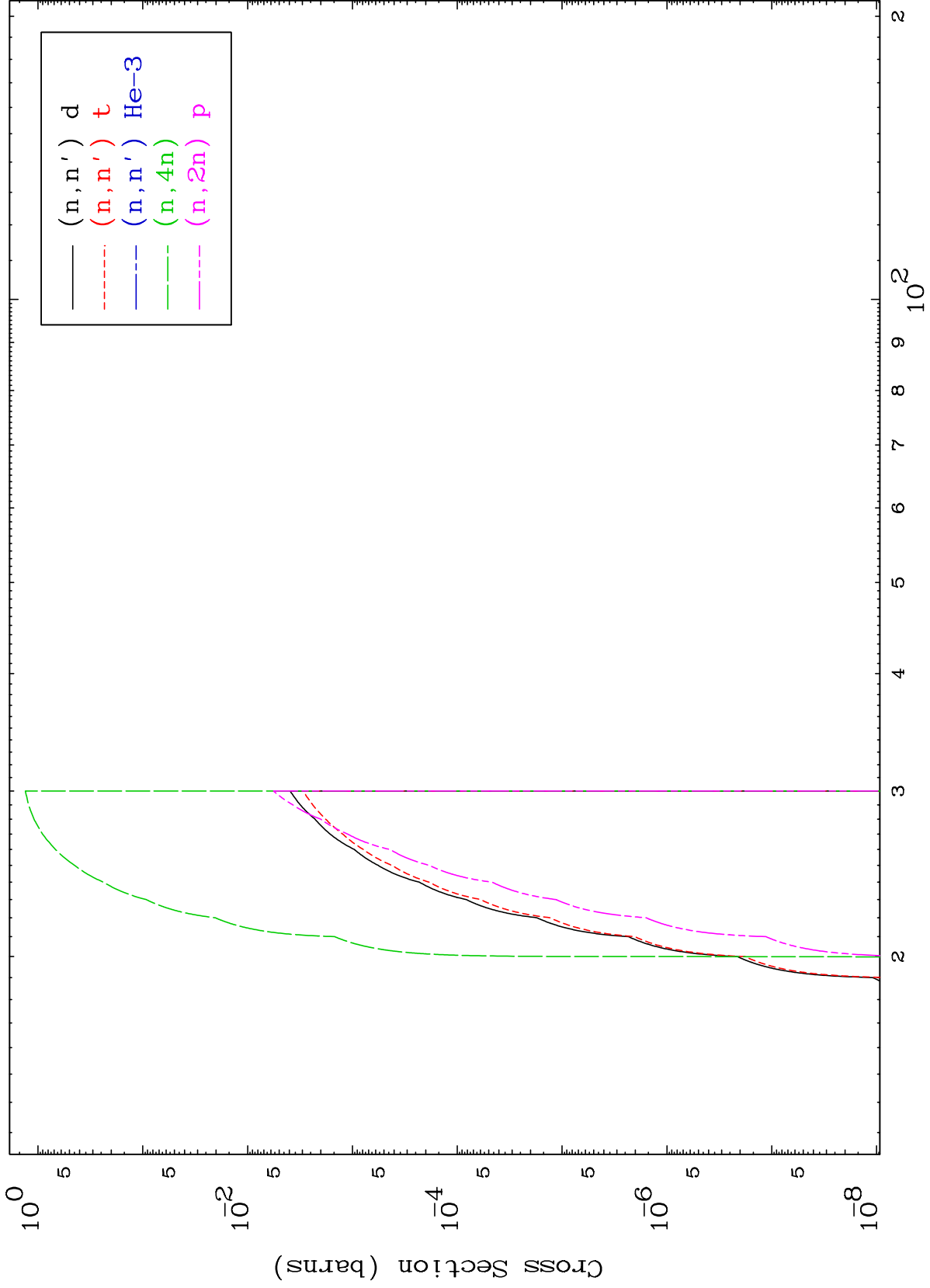
80-Hg-206



80-Hg-206

Incident Energy (MeV)

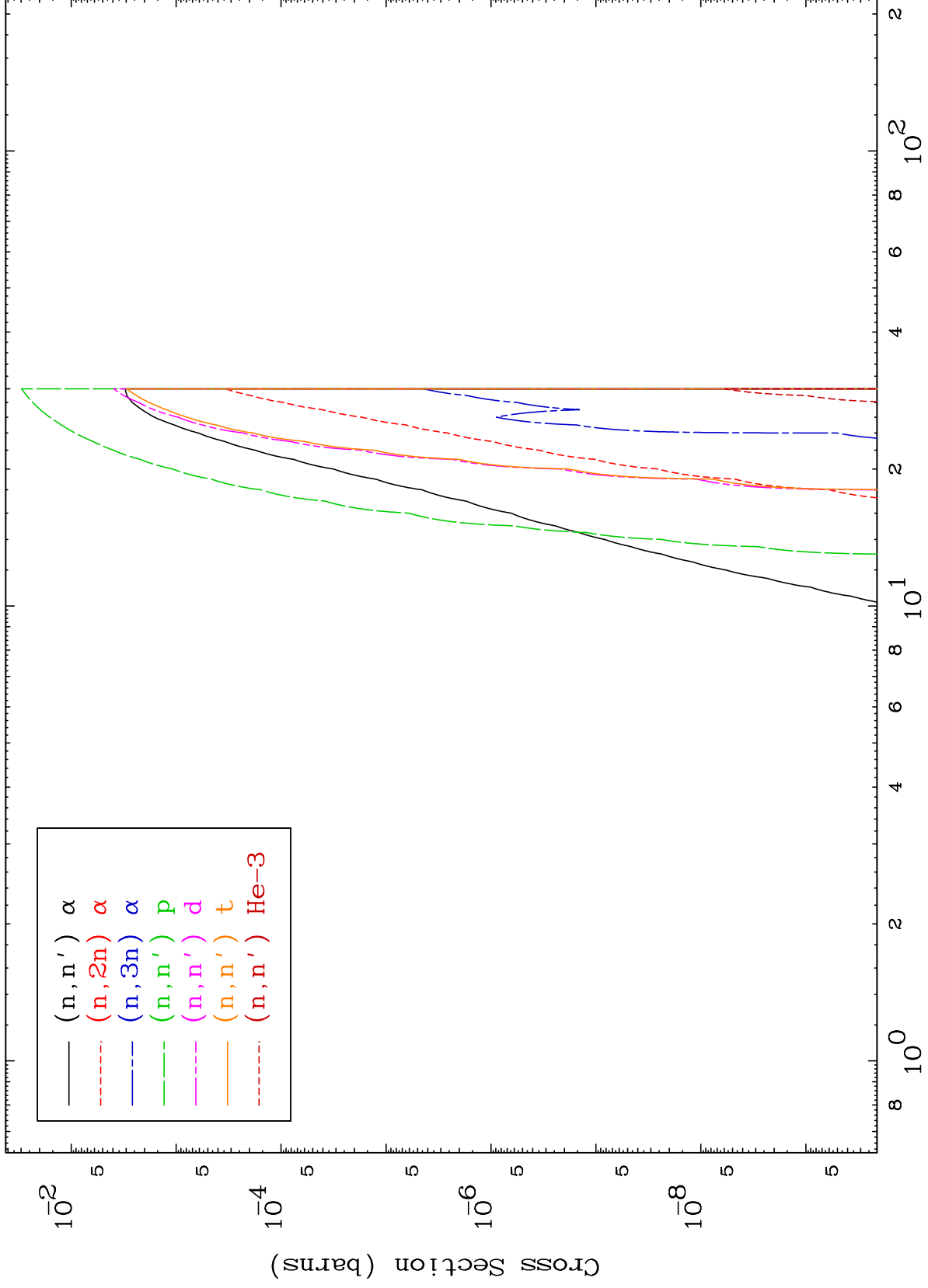
2

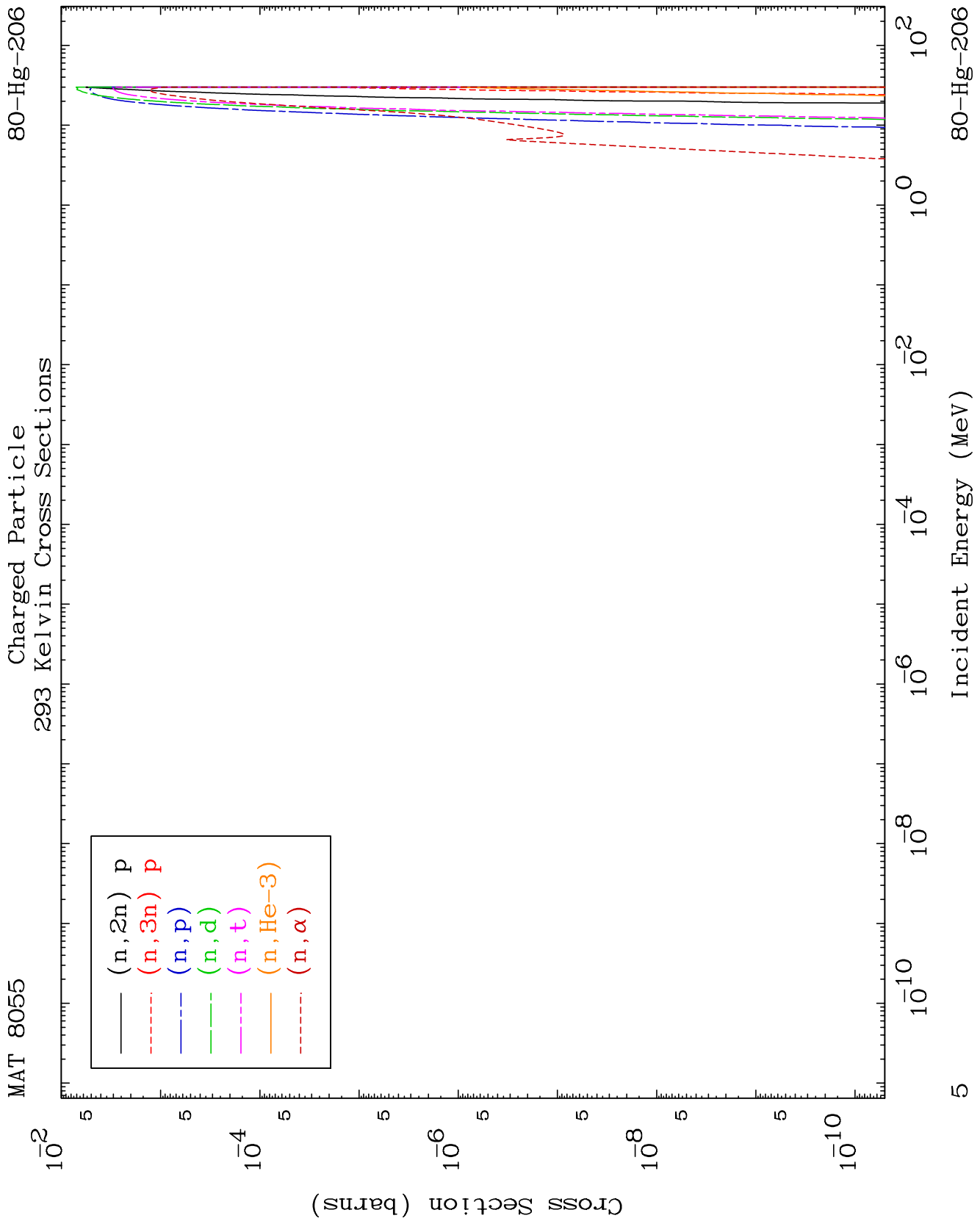


MAT 8055

Charged Particle
293 Kelvin Cross Sections

80-Hg-206

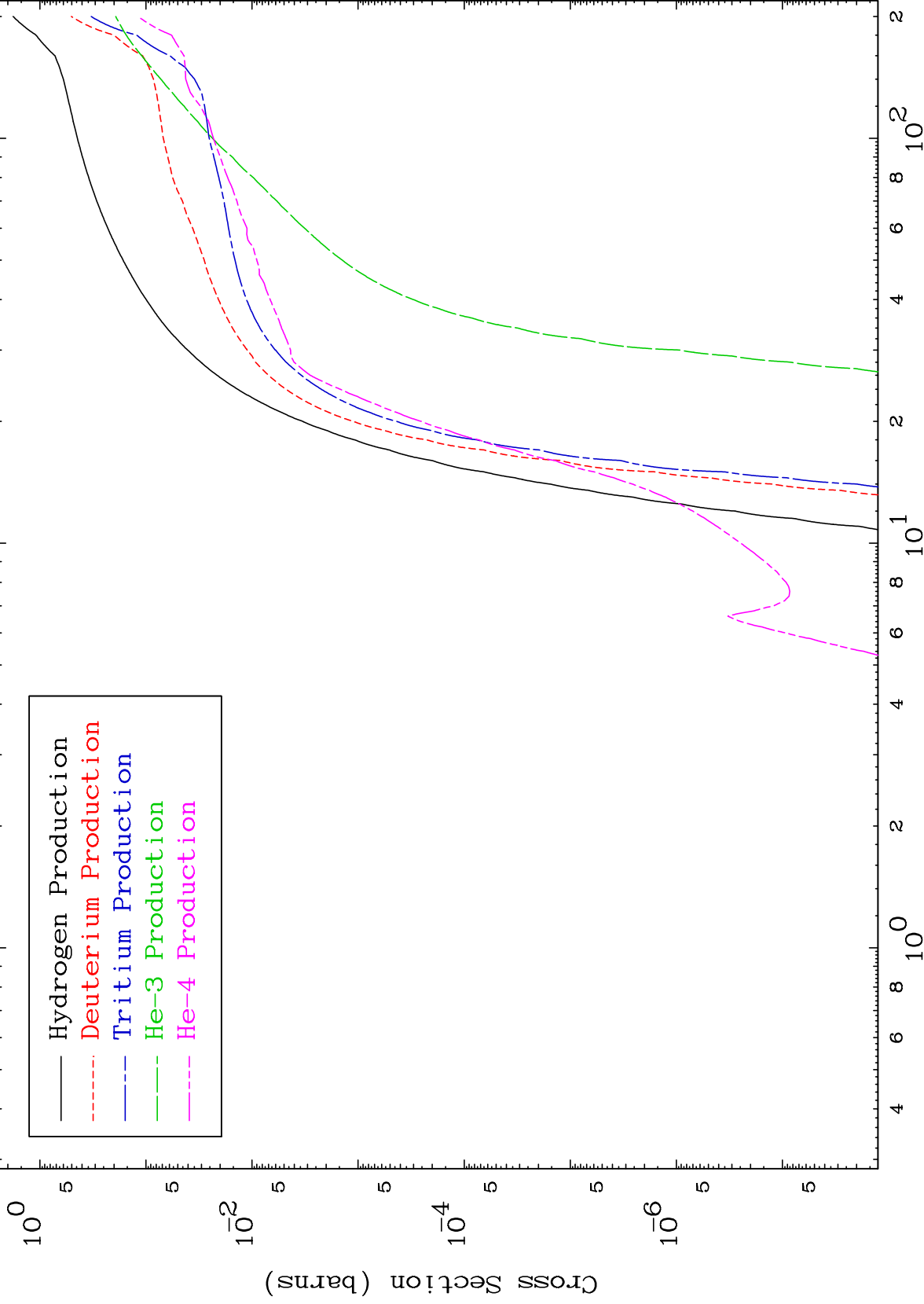




MAT 8055

Particle Production
293 Kelvin Cross Sections

80-Hg-206



6

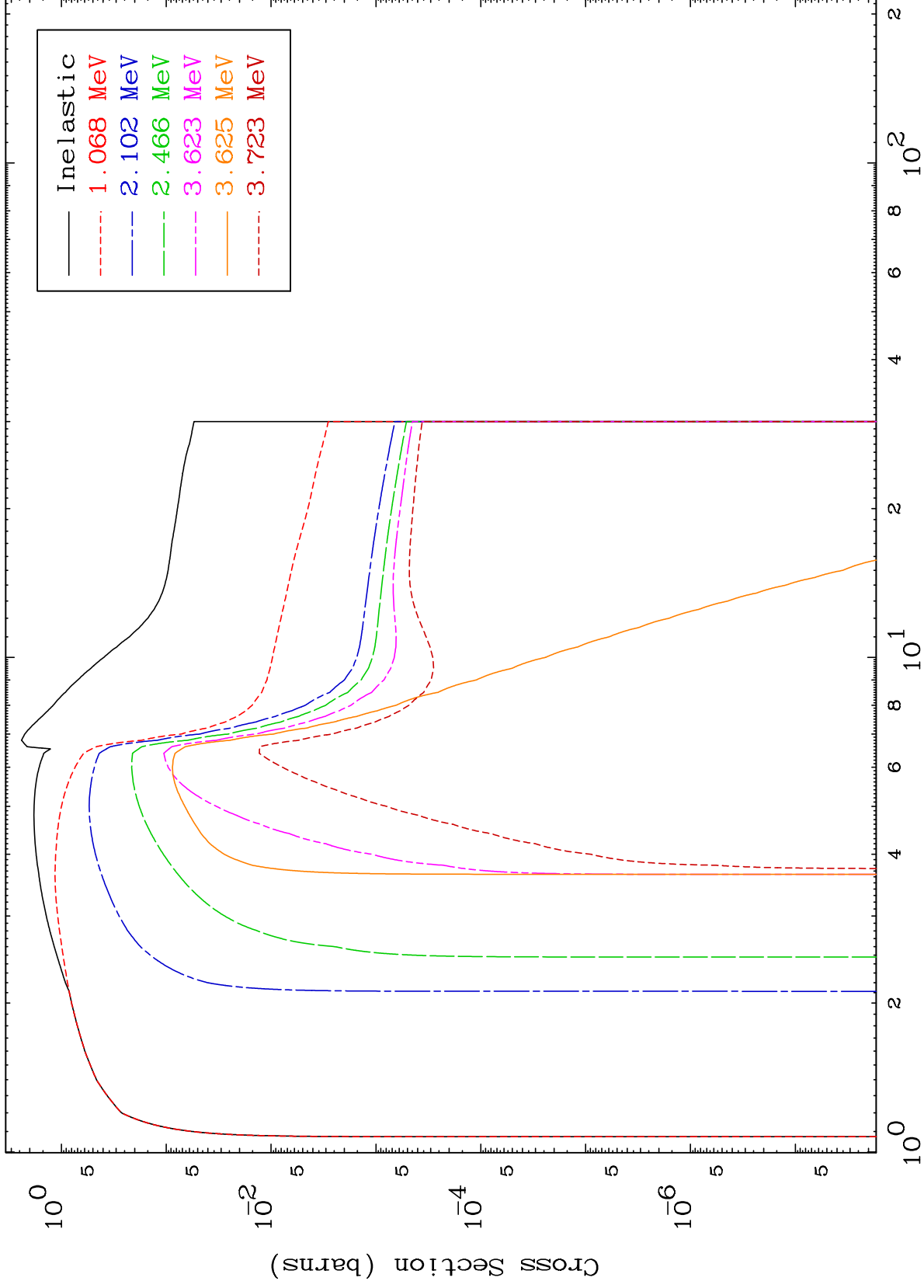
Incident Energy (MeV)

80-Hg-206

MAT 8055

(n,n') Level
293 Kelvin Cross Sections

80-Hg-206



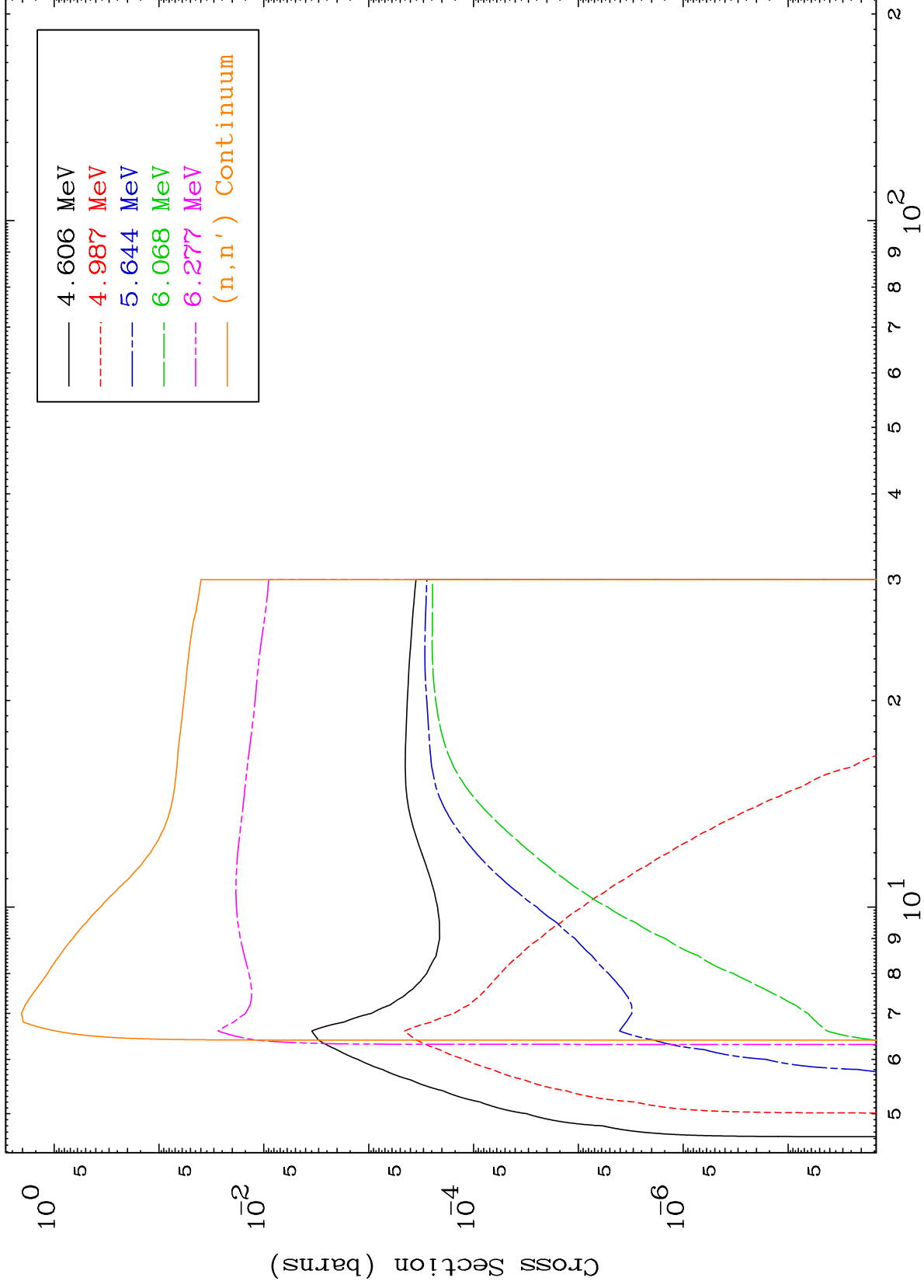
Incident Energy (MeV)

80-Hg-206

MAT 80555

(n,n') Level
293 Kelvin Cross Sections

80-Hg-206



8

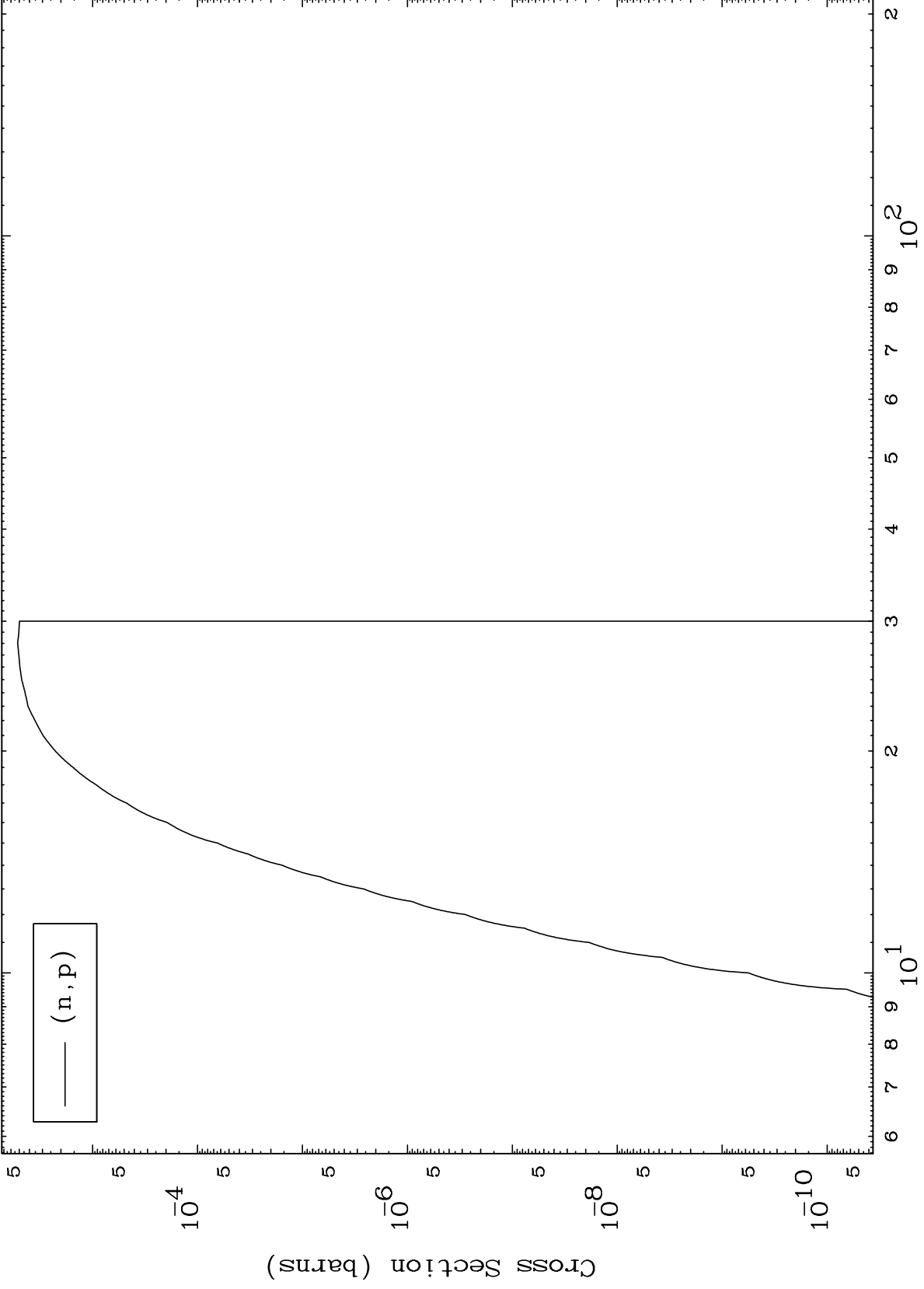
Incident Energy (MeV)

80-Hg-206

MAT 8055

(n,p) Levels
293 Kelvin Cross Sections

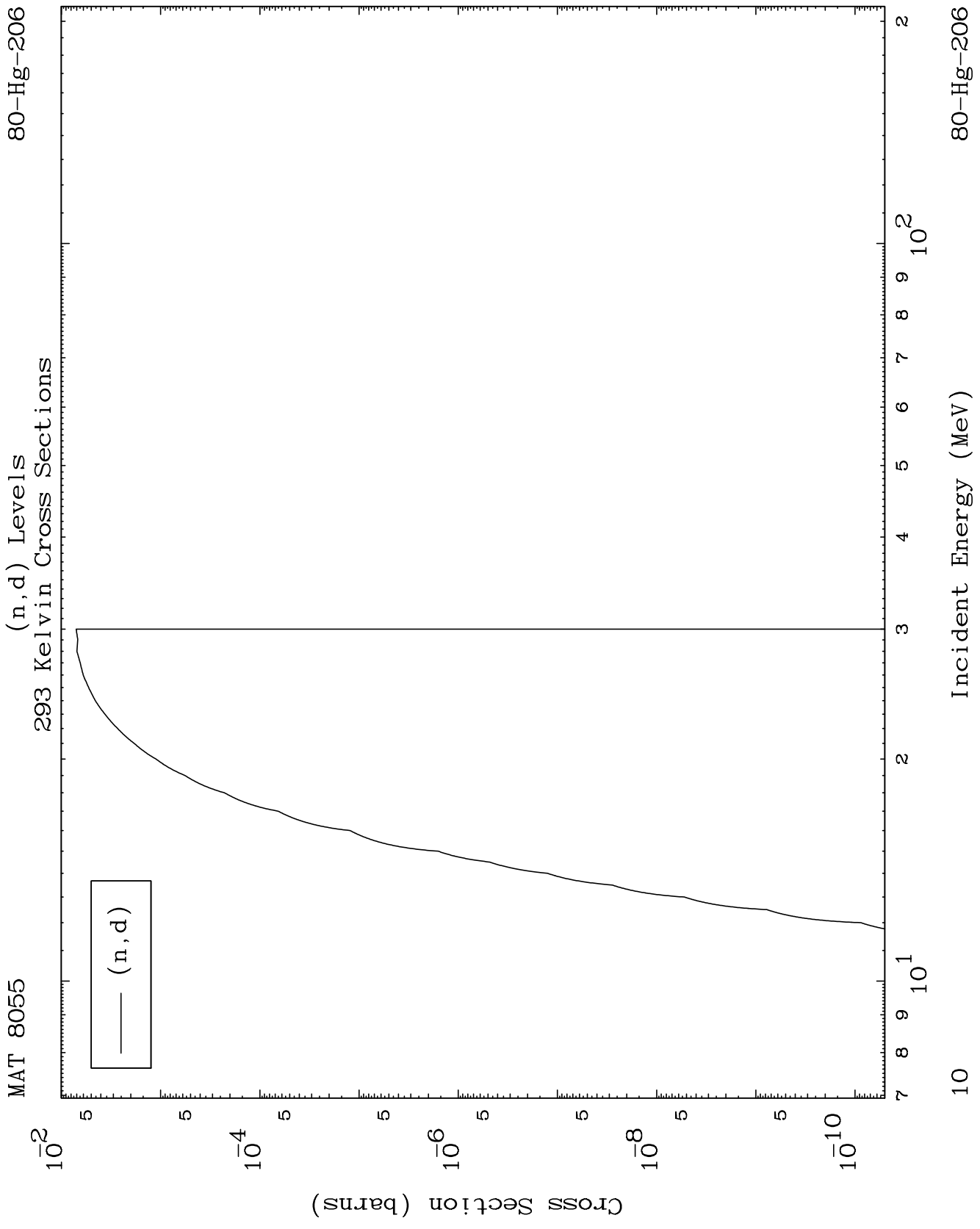
80-Hg-206



9

Incident Energy (MeV)

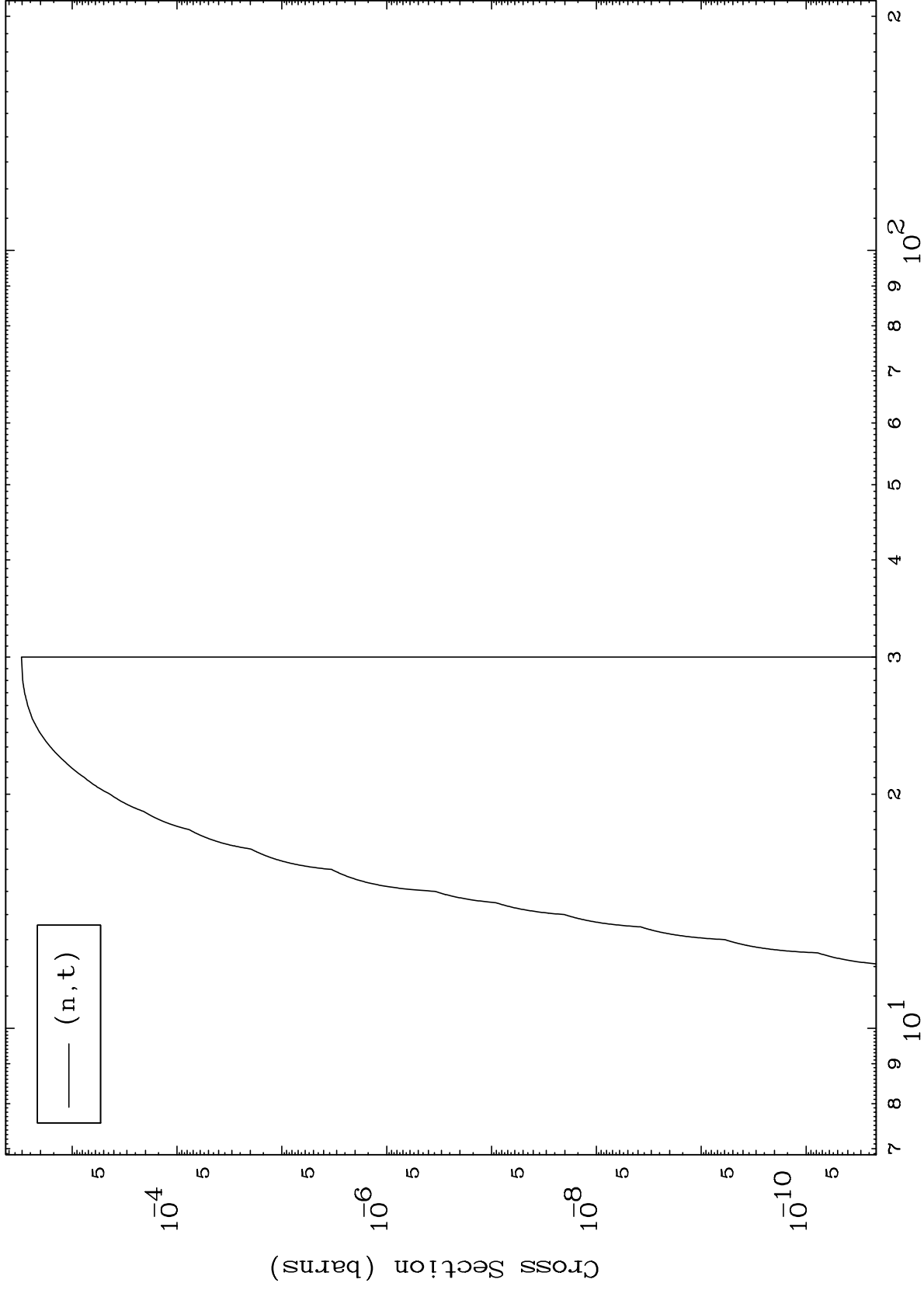
80-Hg-206



MAT 8055

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-206



11

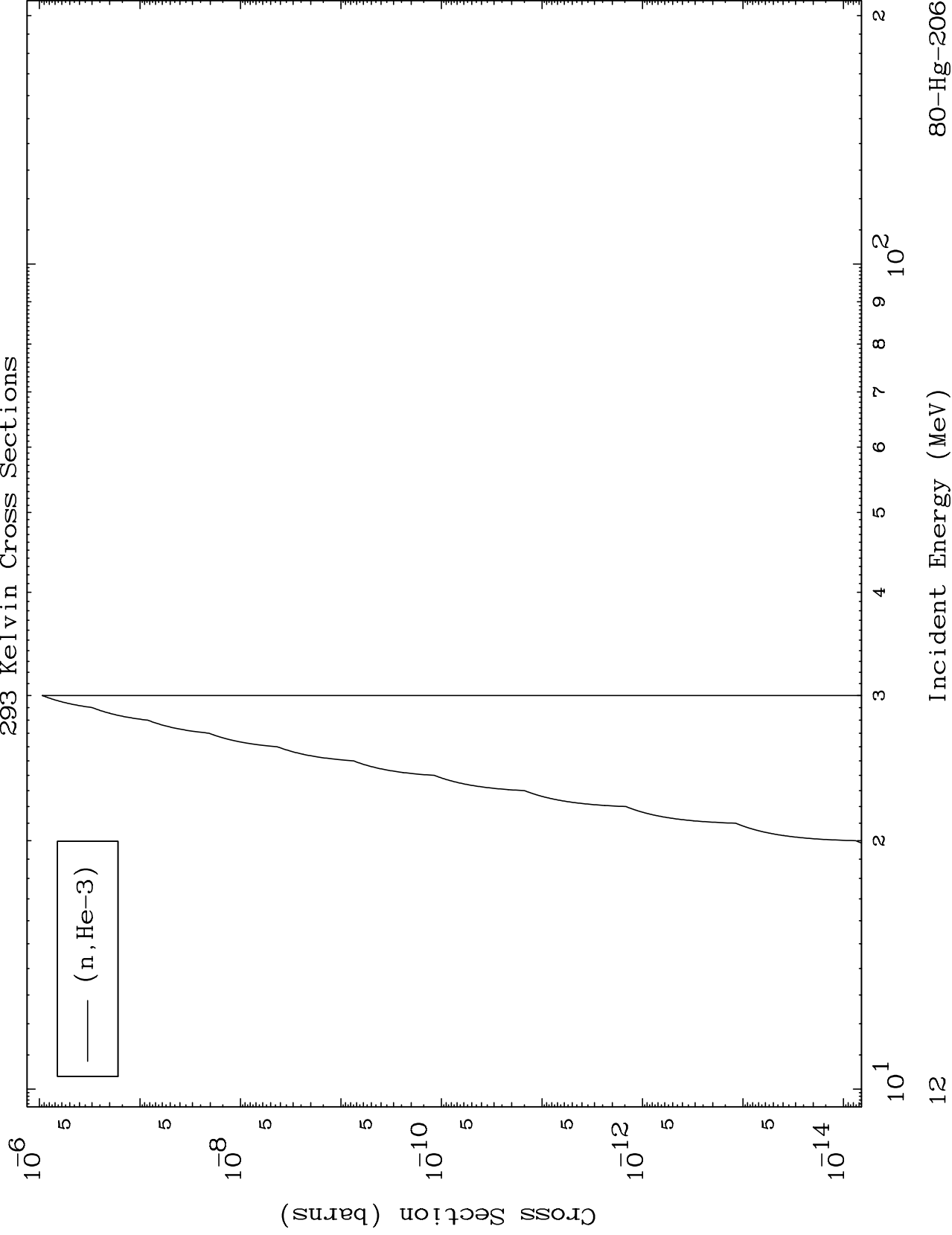
Incident Energy (MeV)

80-Hg-206

MAT 8055

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-206



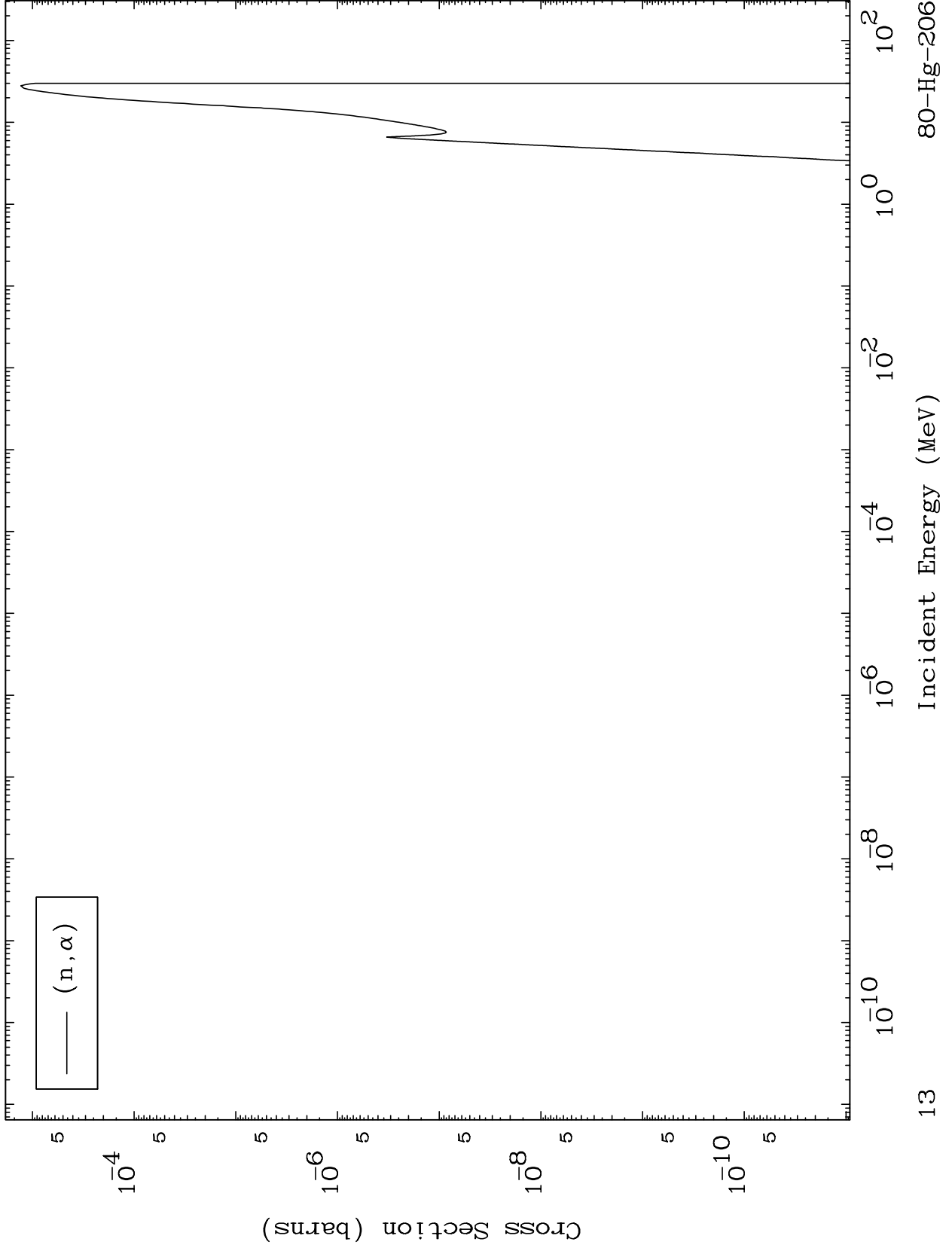
80-Hg-206

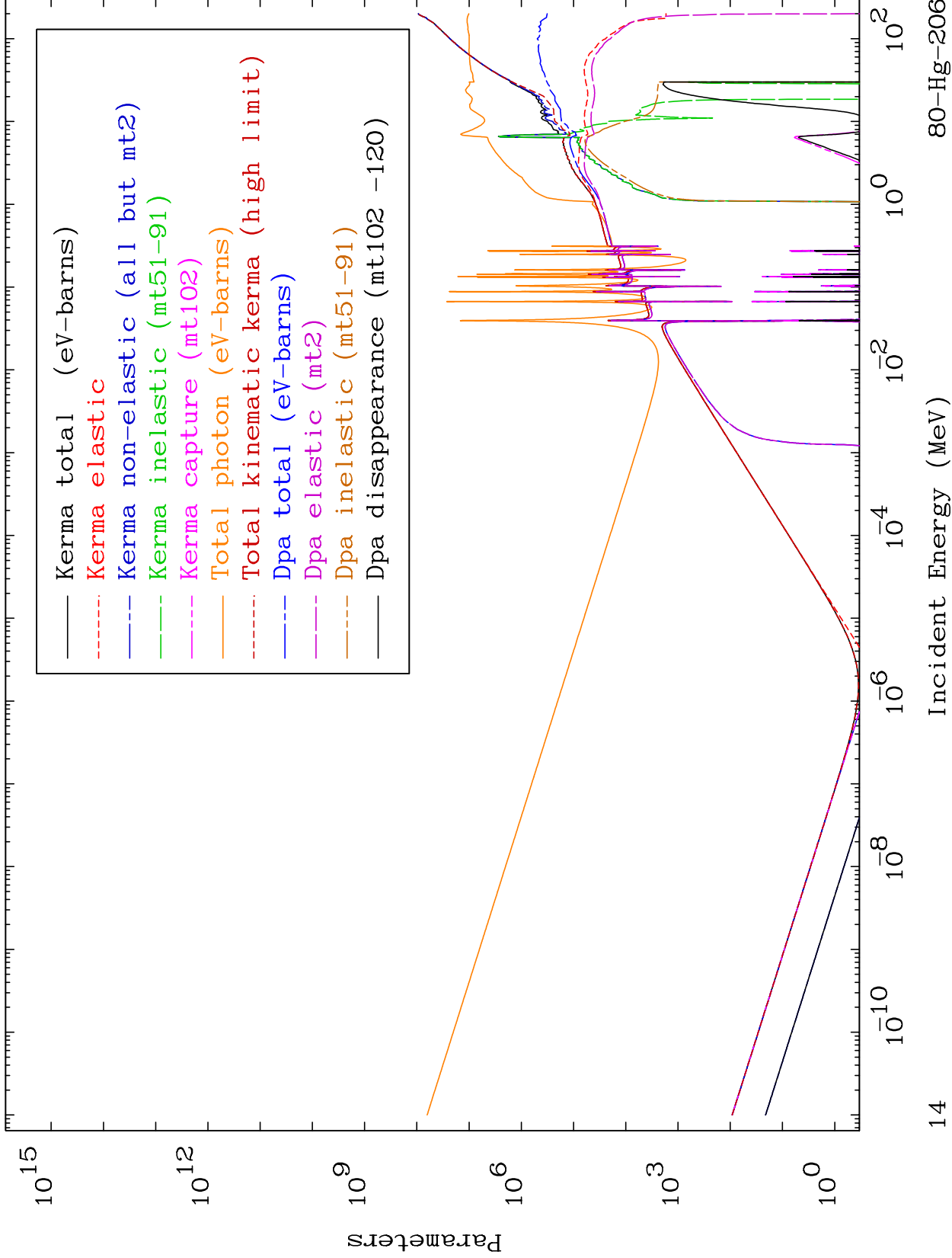
Incident Energy (MeV)

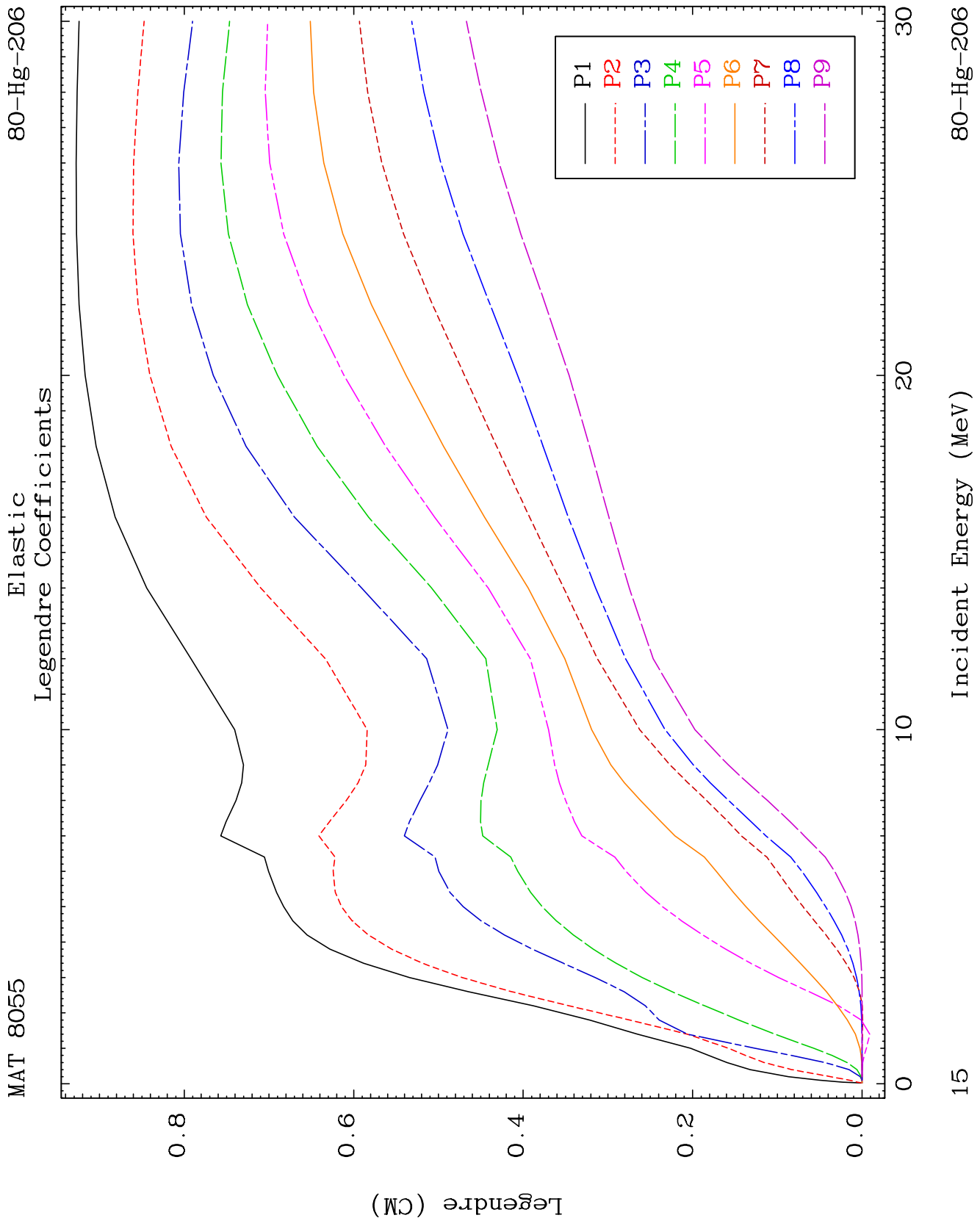
MAT 8055

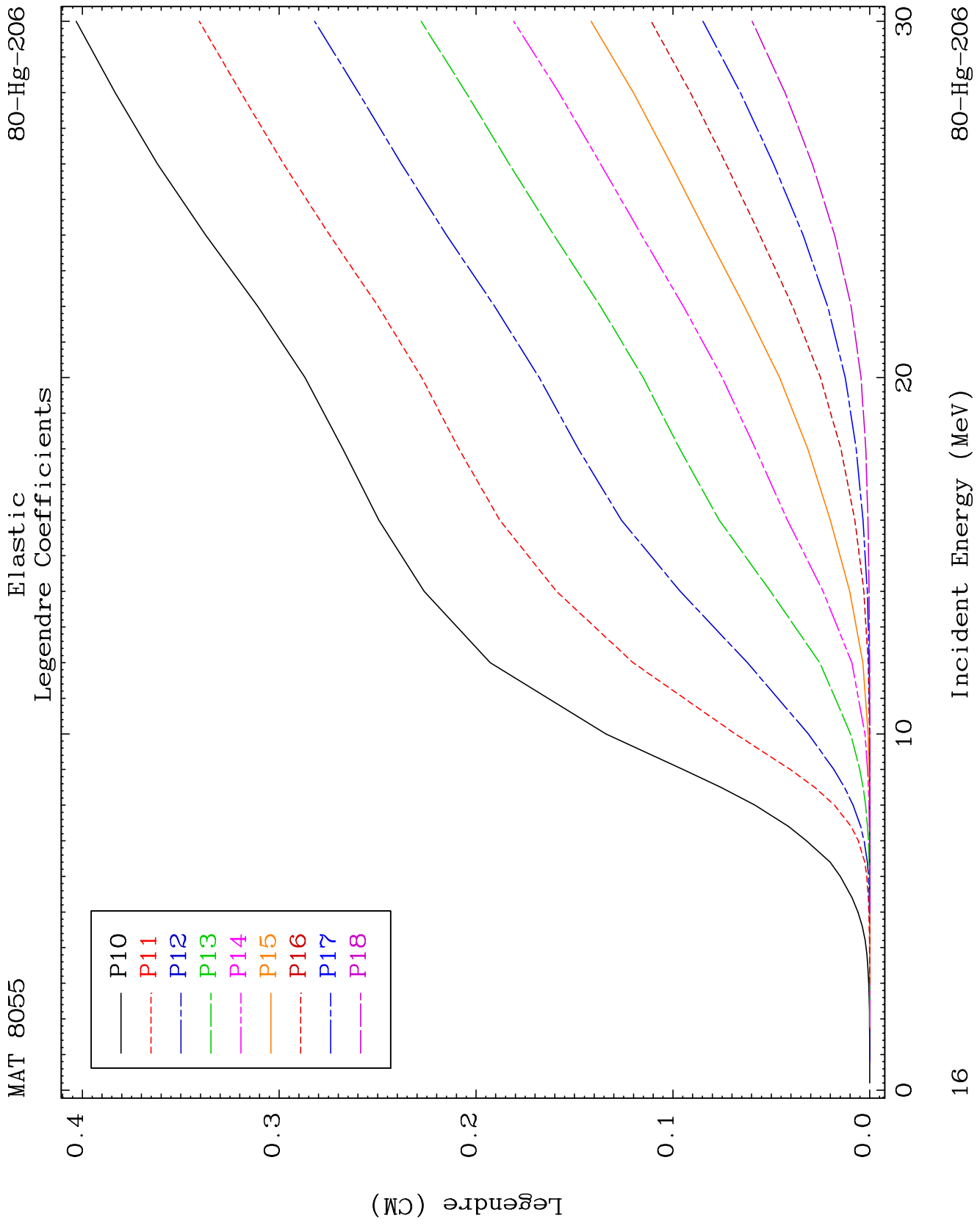
(n, α) Levels
293 Kelvin Cross Sections

80-Hg-206





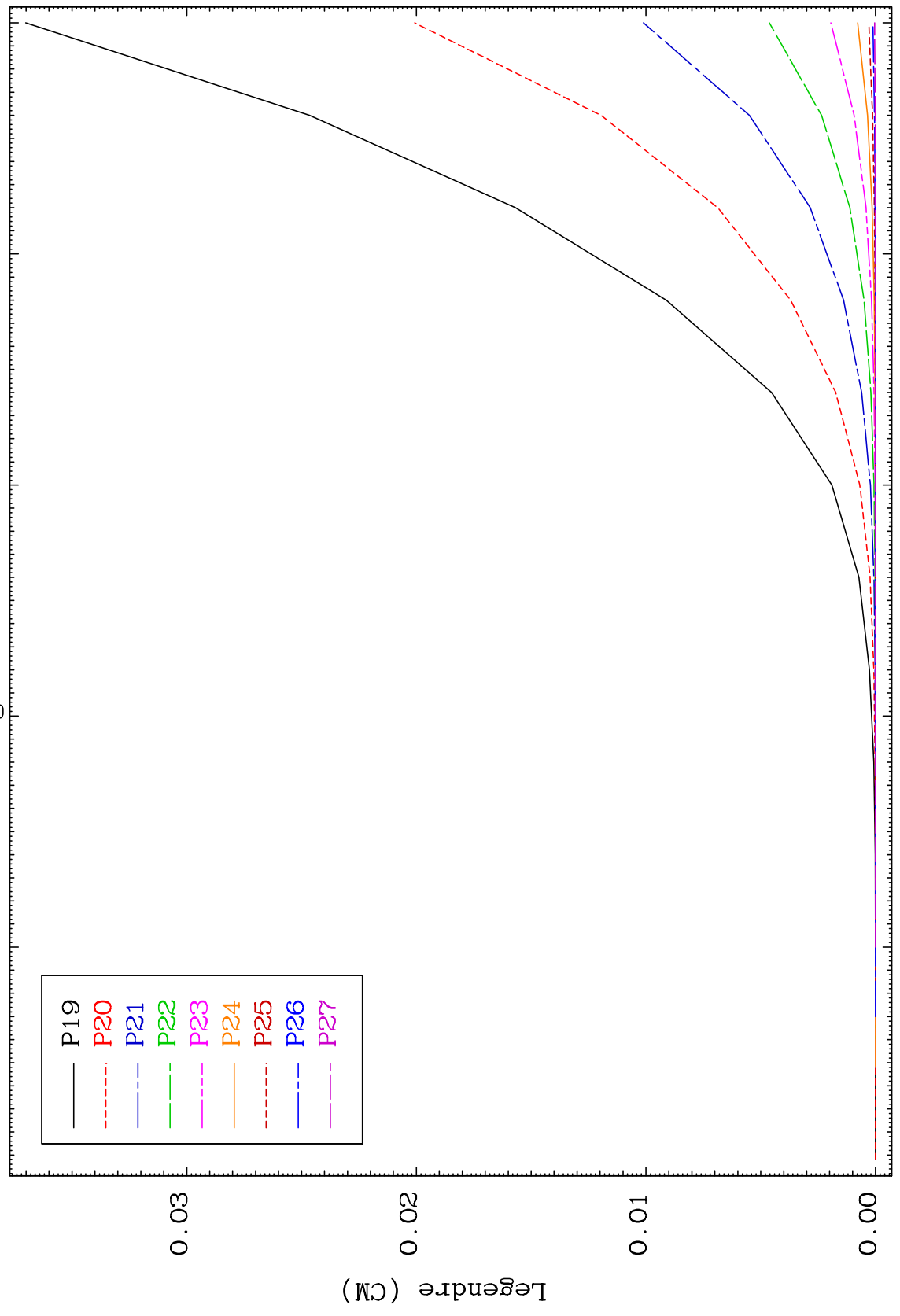




MAT 8055

Elastic Legendre Coefficients

80-Hg-206



17

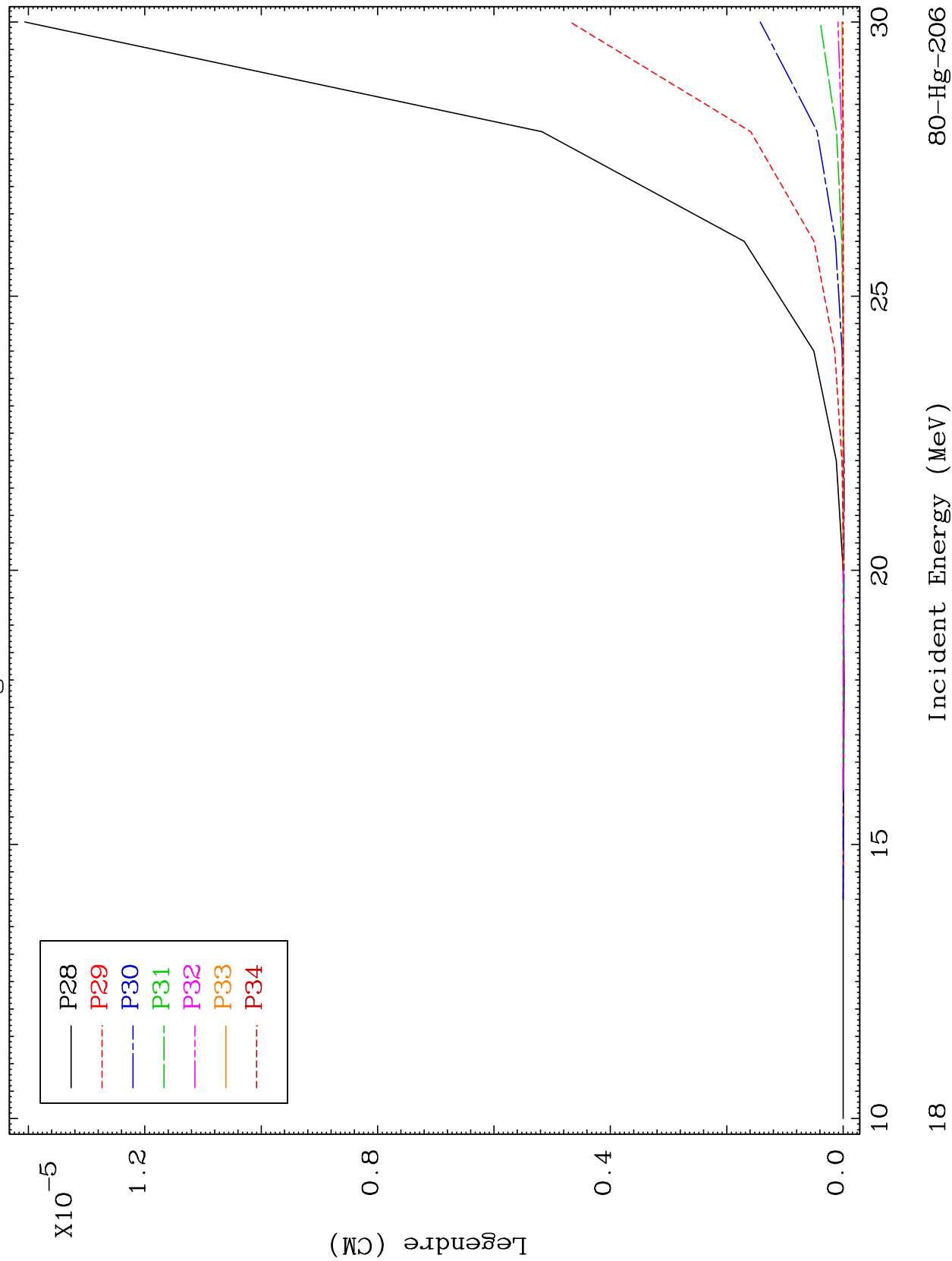
Incident Energy (MeV)

80-Hg-206

MAT 8055

Elastic Legendre Coefficients

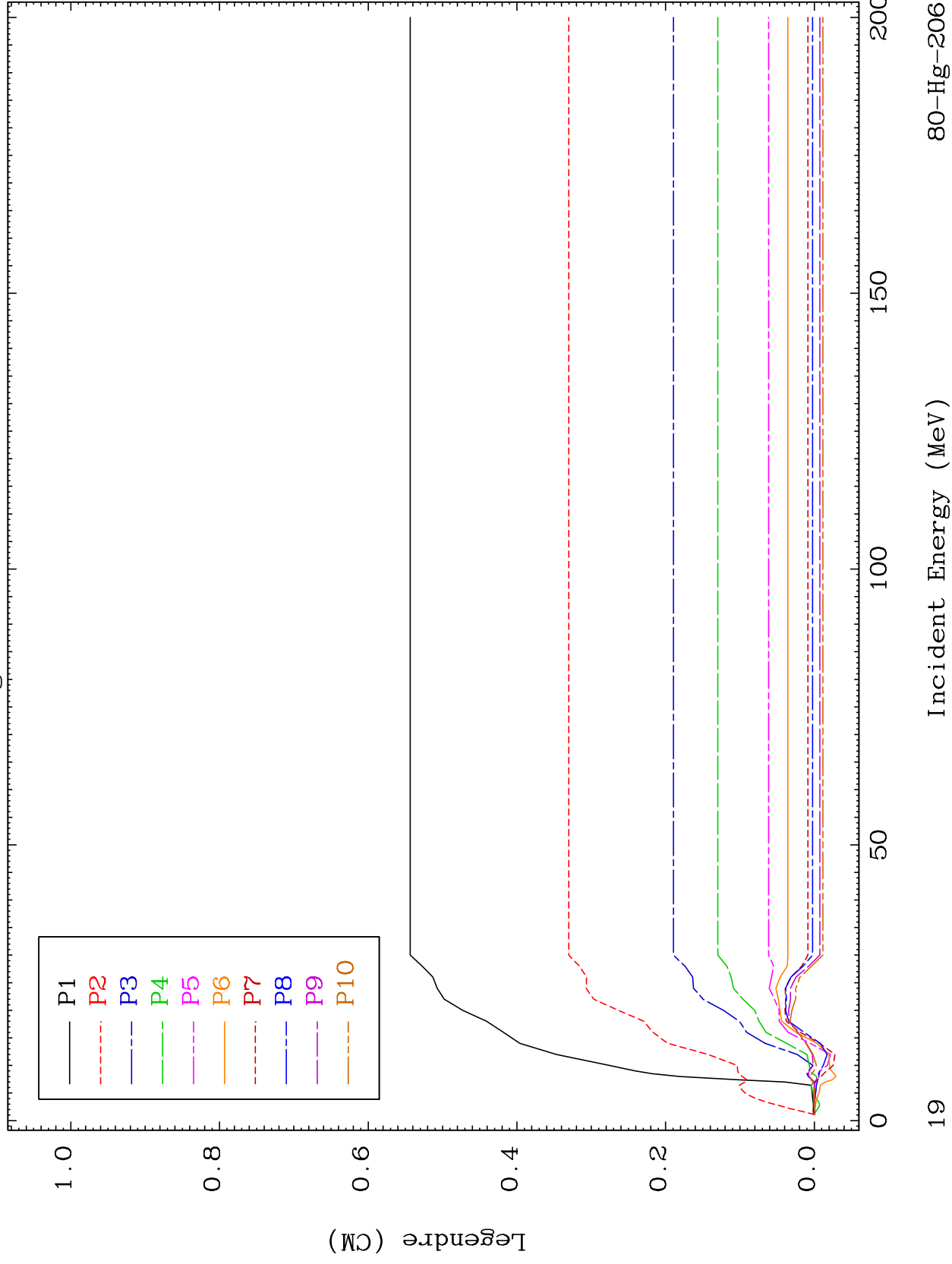
80-Hg-206



MAT 8055

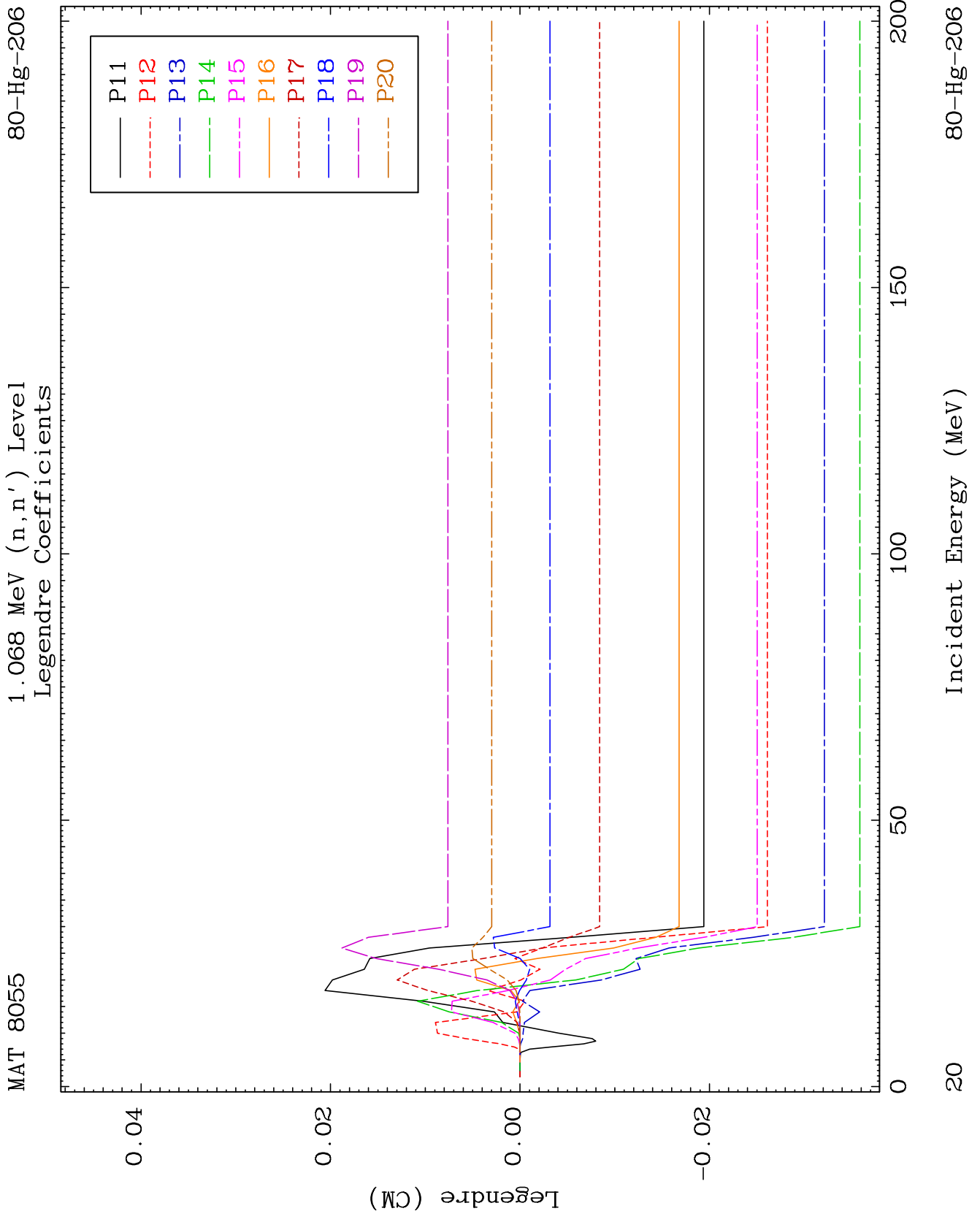
1.068 MeV (n,n') Level
Legendre Coefficients

80-Hg-206



19

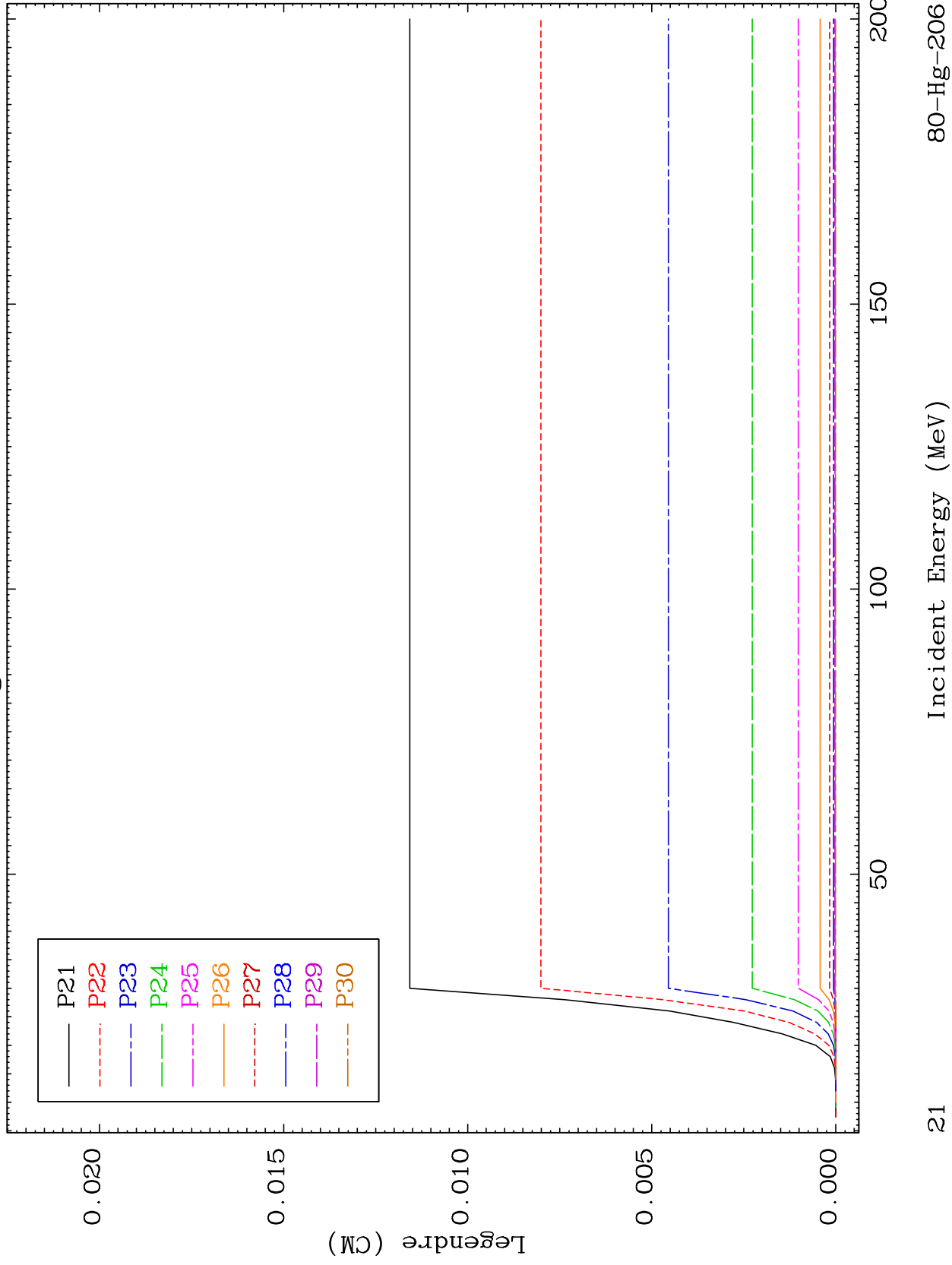
80-Hg-206



MAT 80555

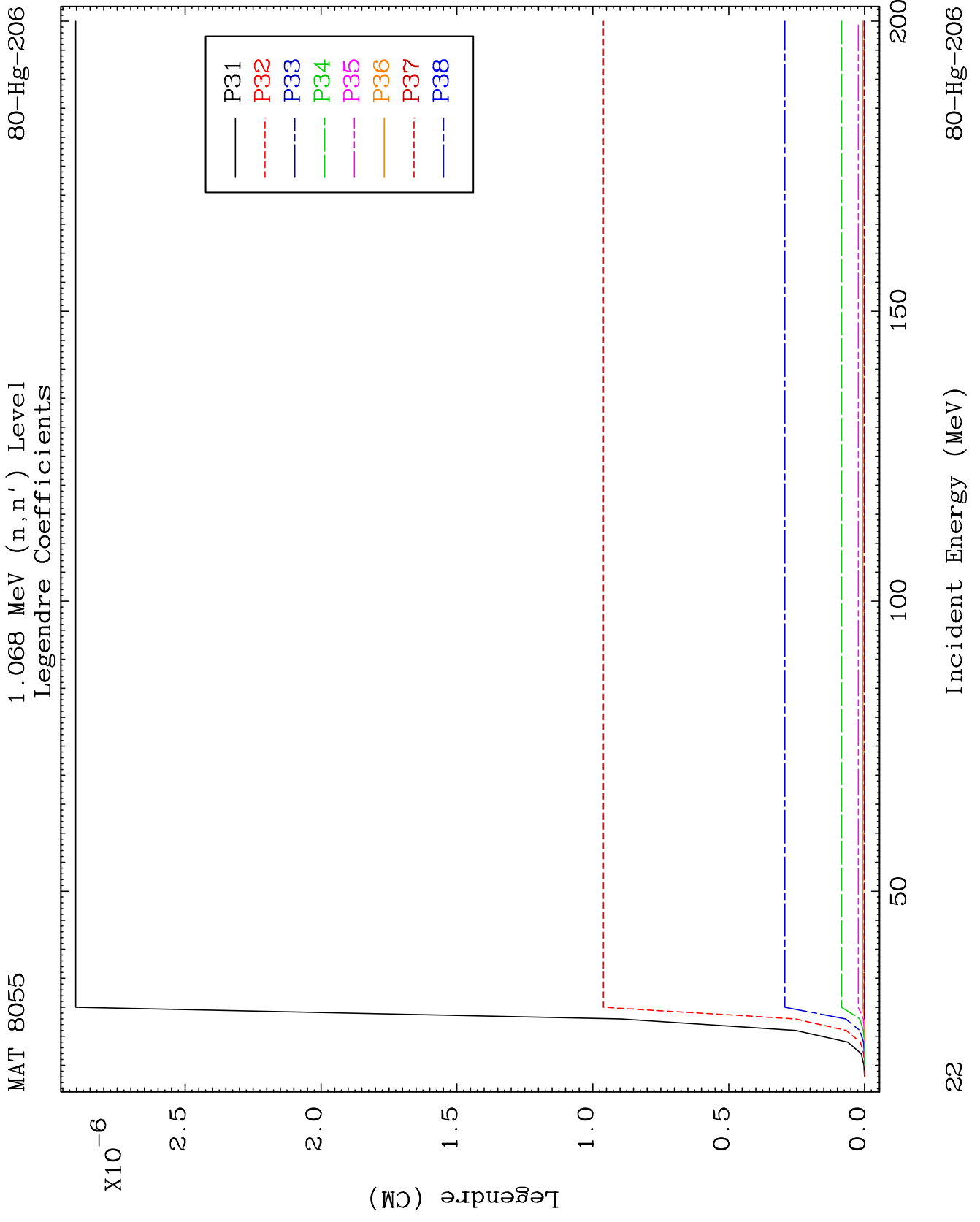
1.068 MeV (n,n') Level
Legendre Coefficients

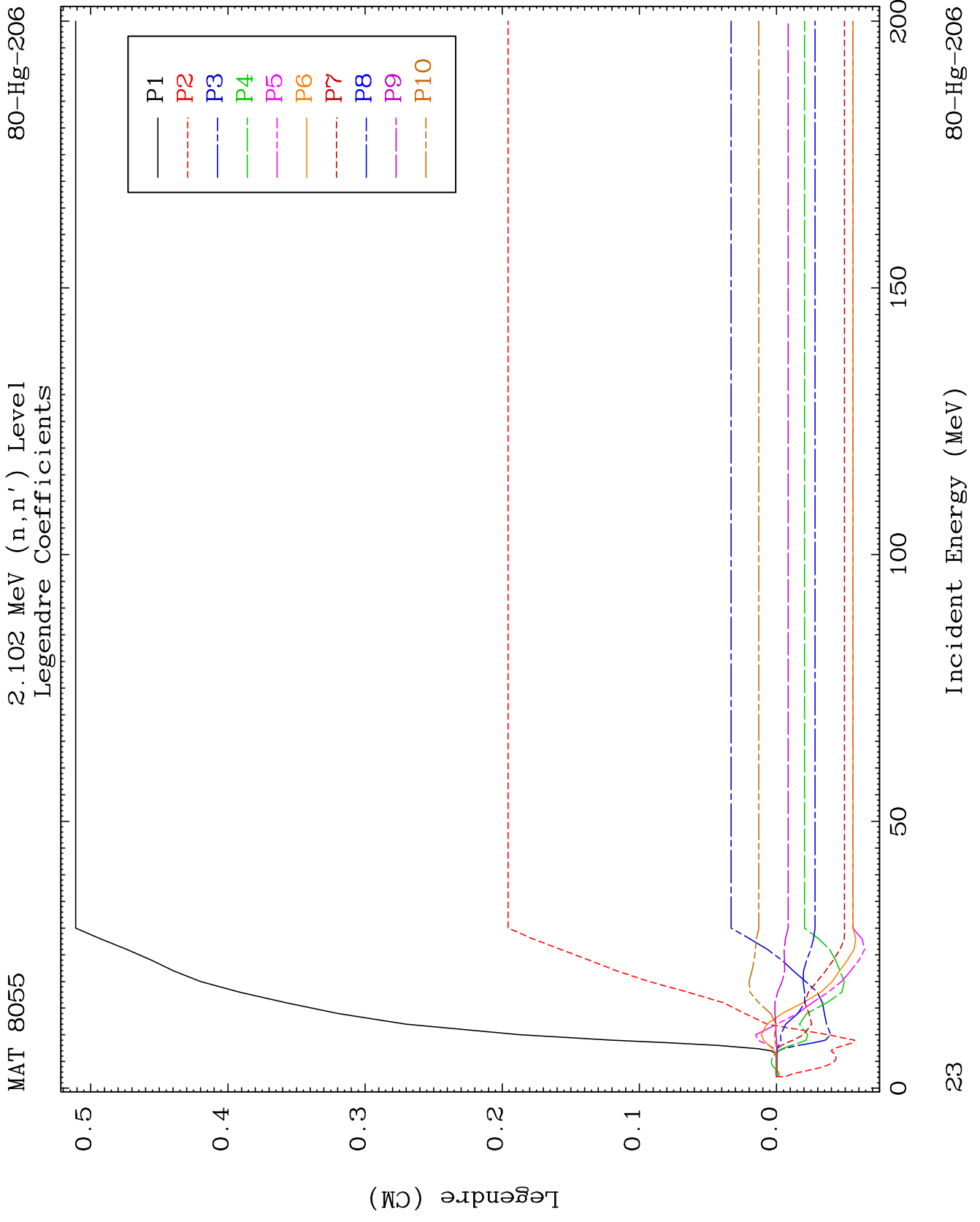
80-Hg-206

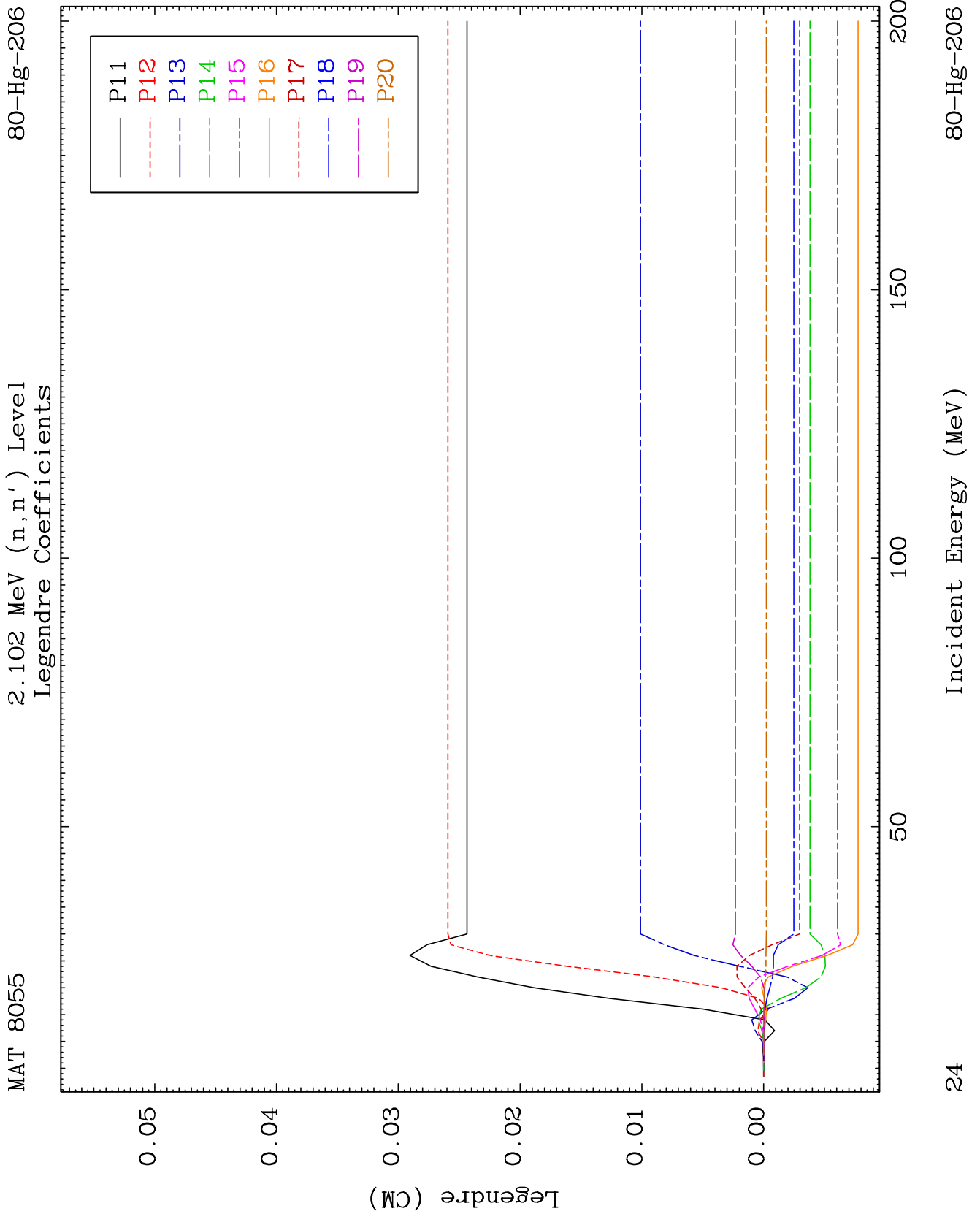


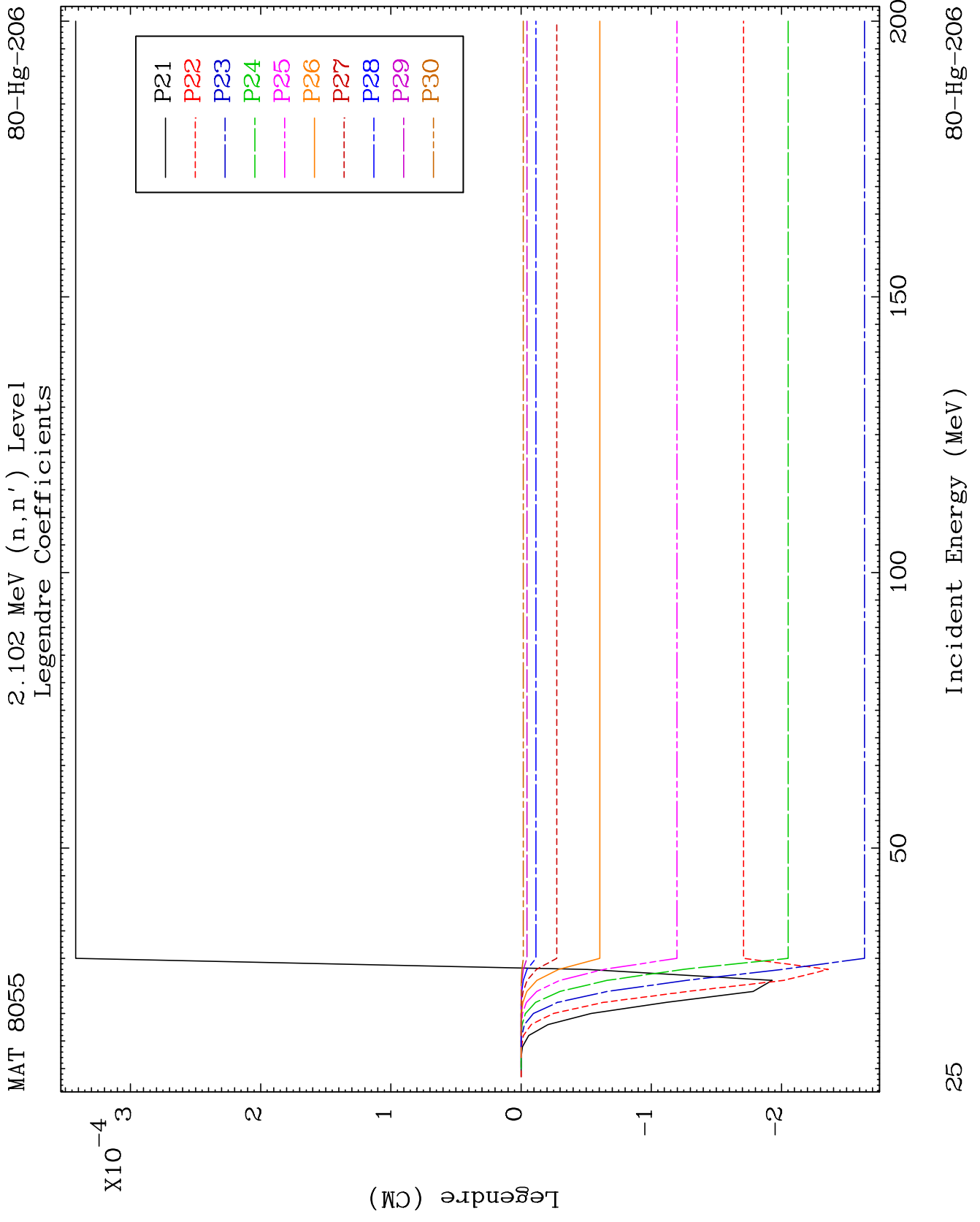
21

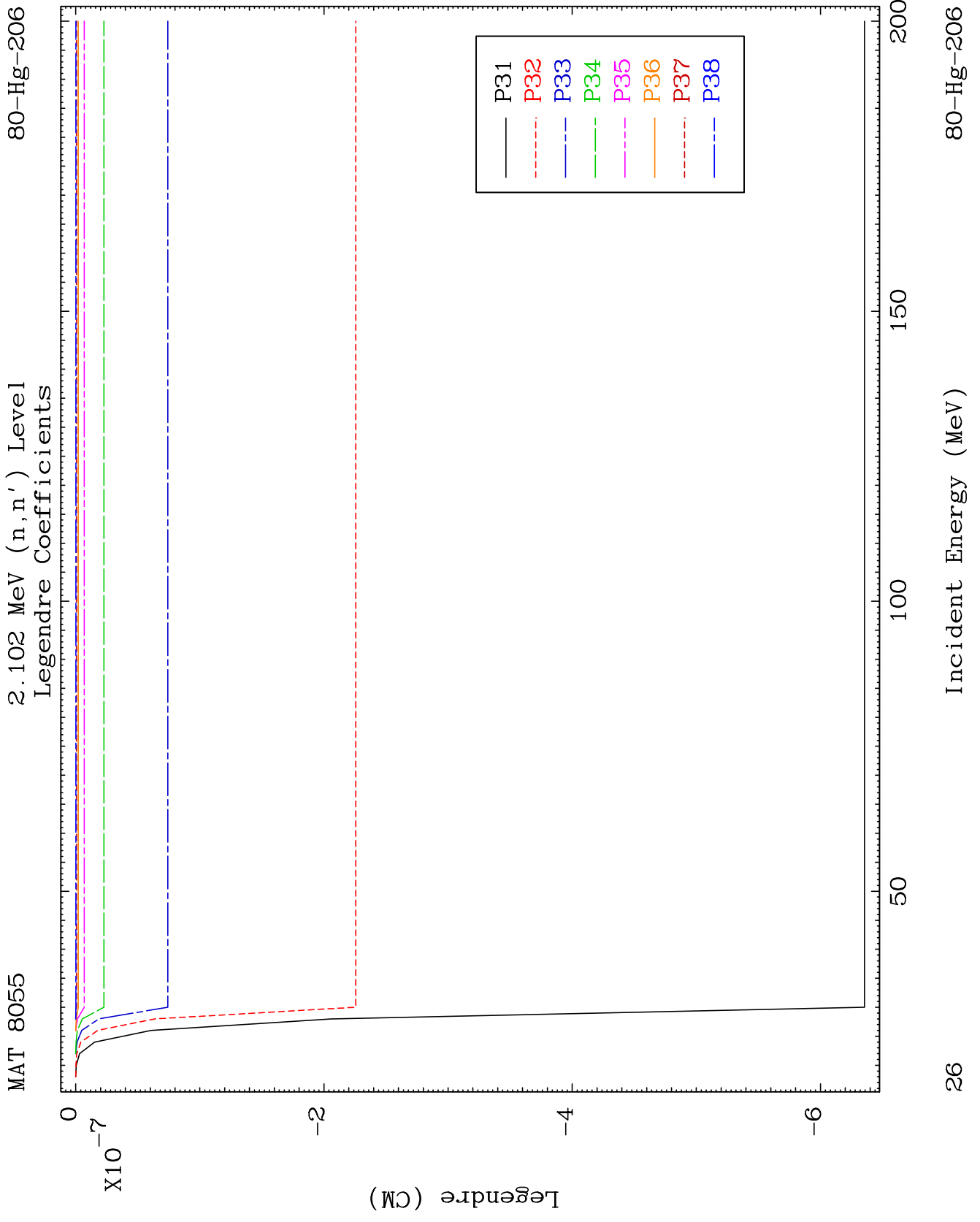
80-Hg-206

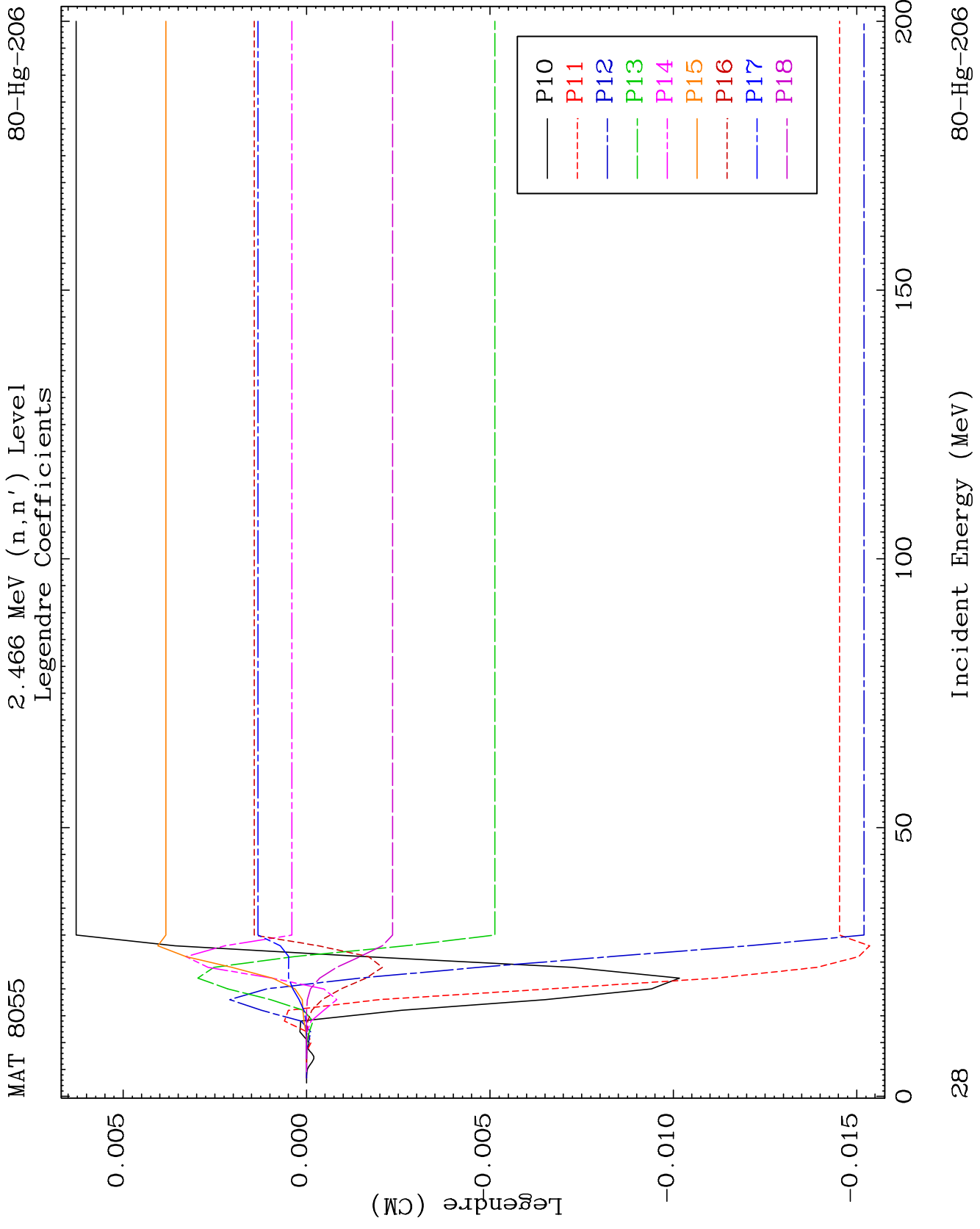


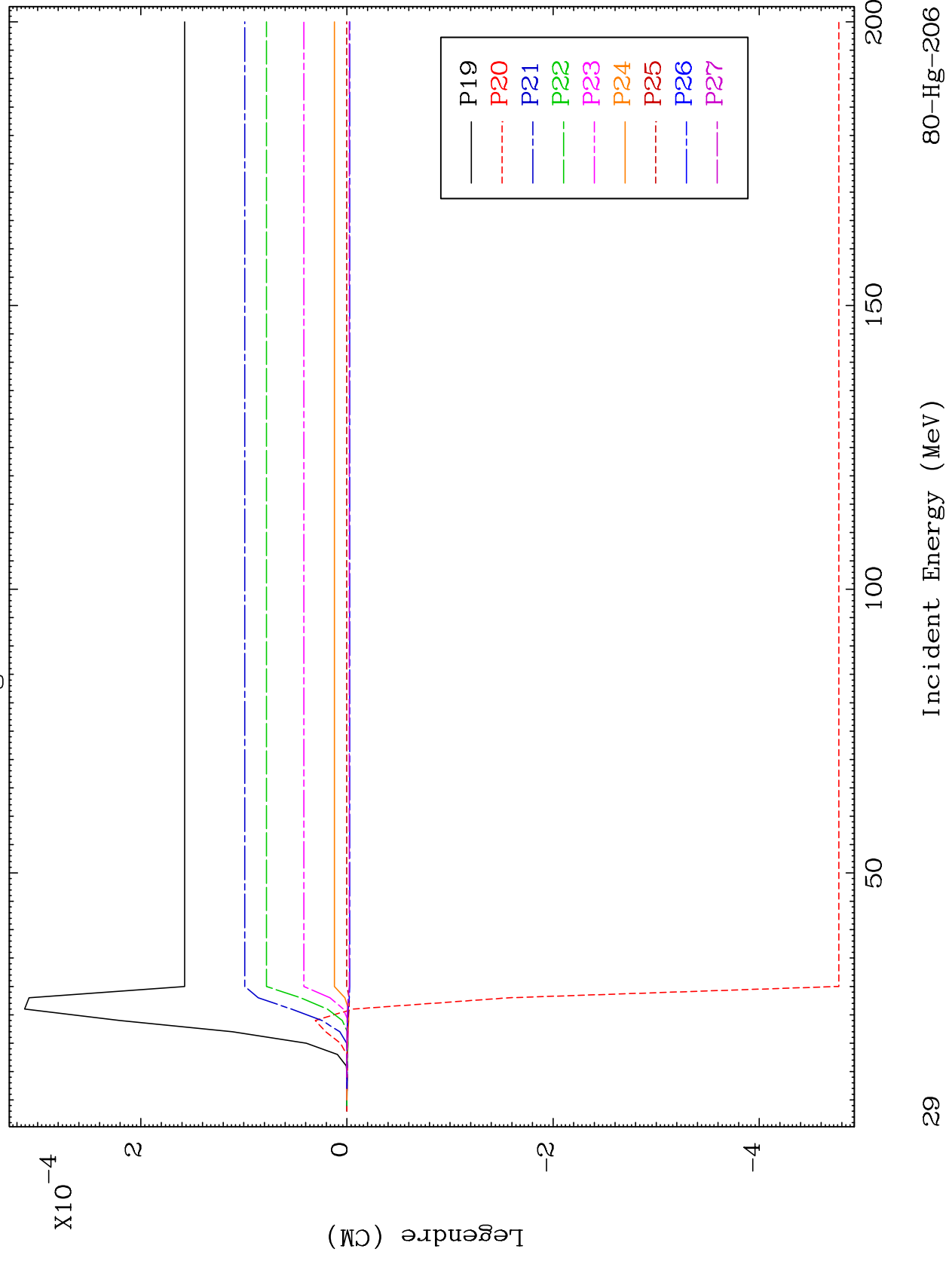


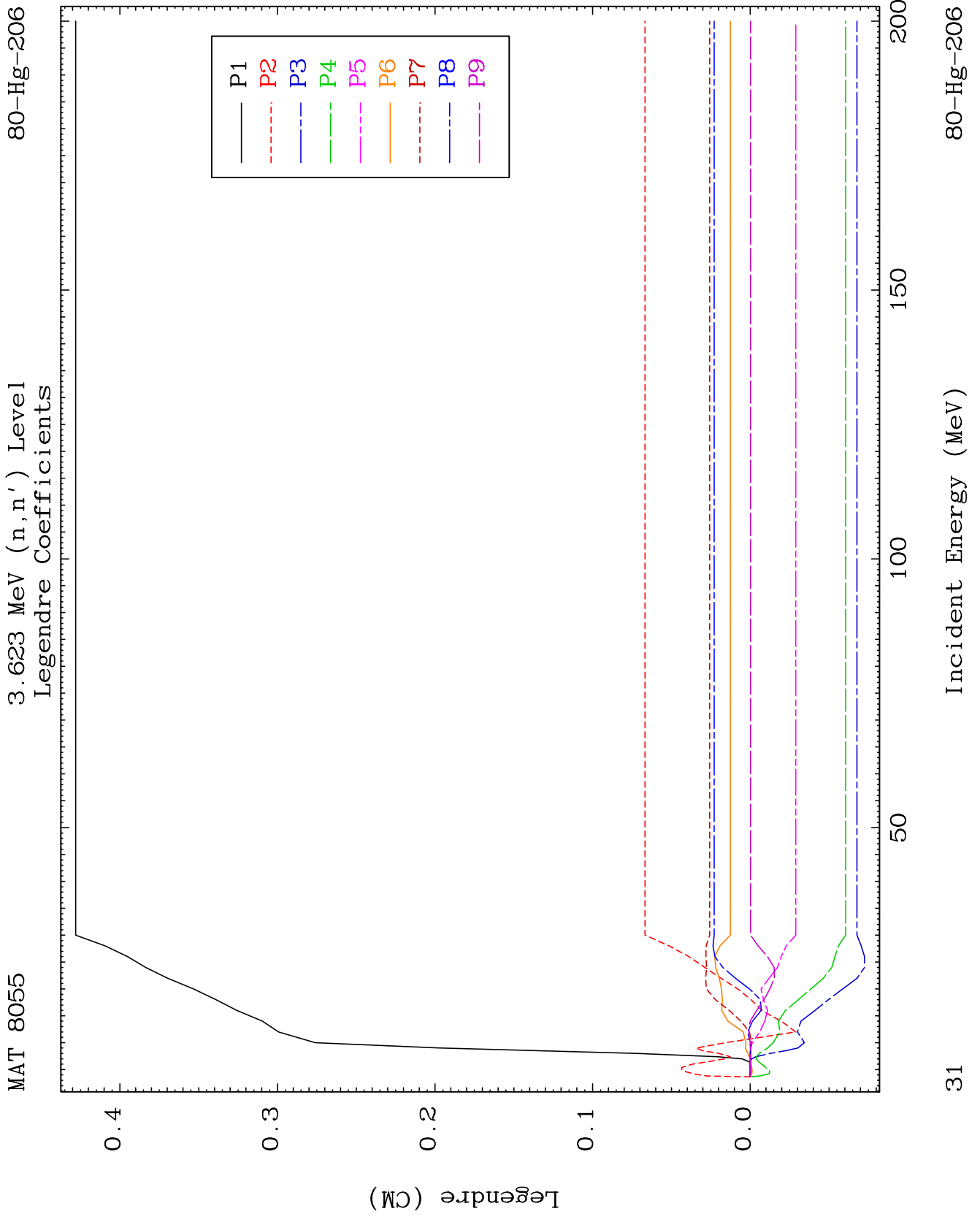








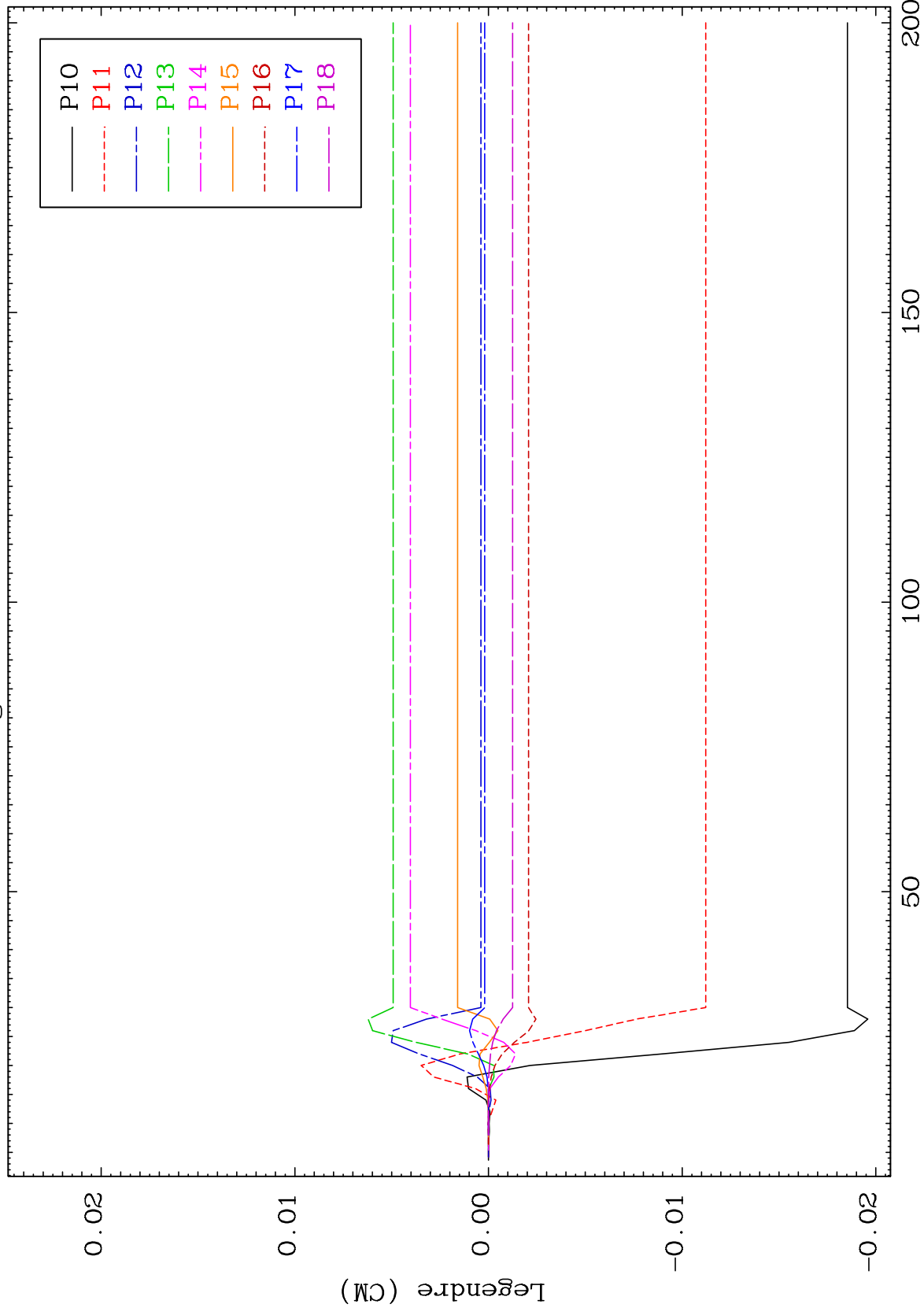




MAT 8055

3.623 MeV (n,n') Level
Legendre Coefficients

80-Hg-206



32

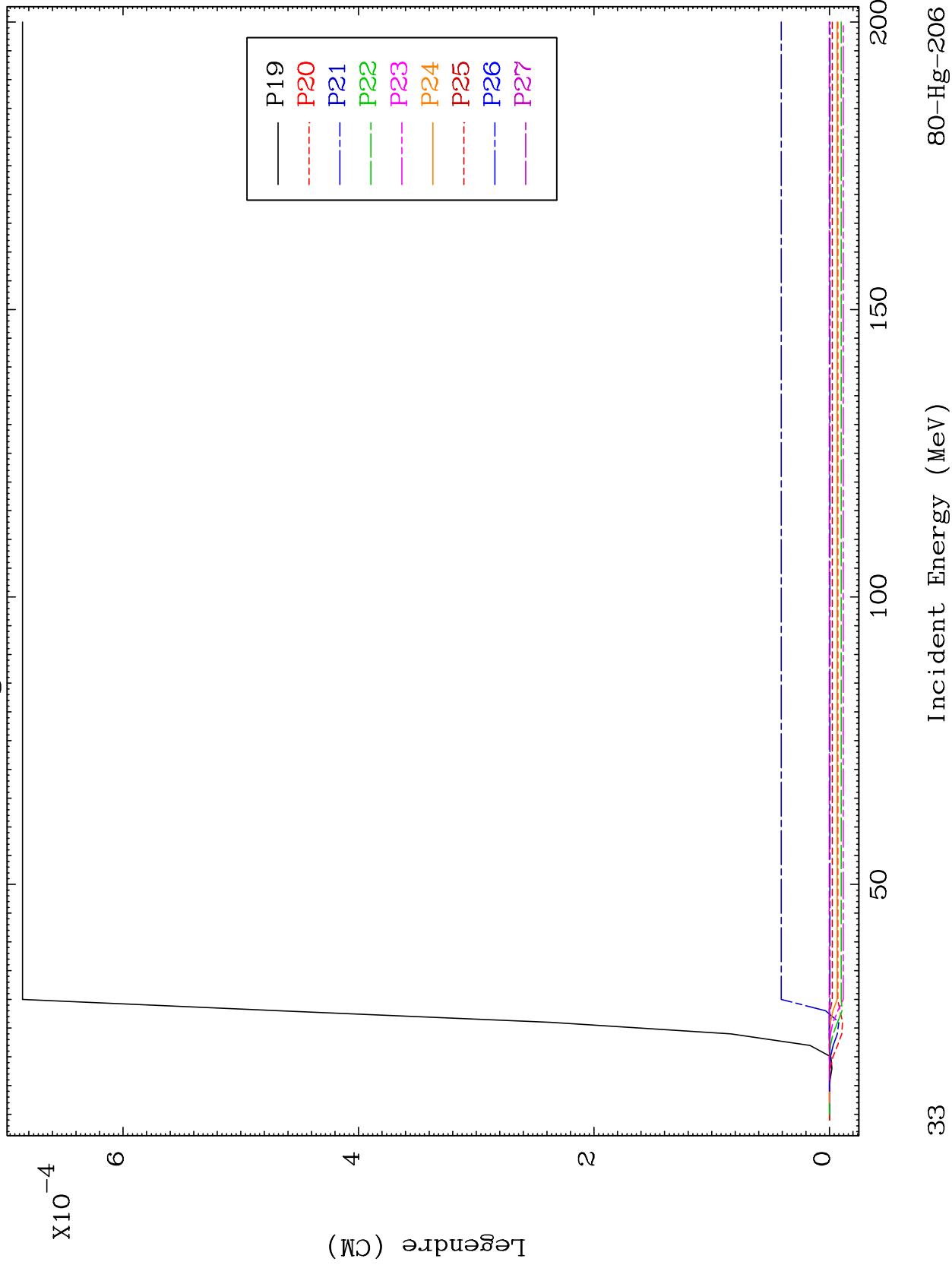
Incident Energy (MeV)

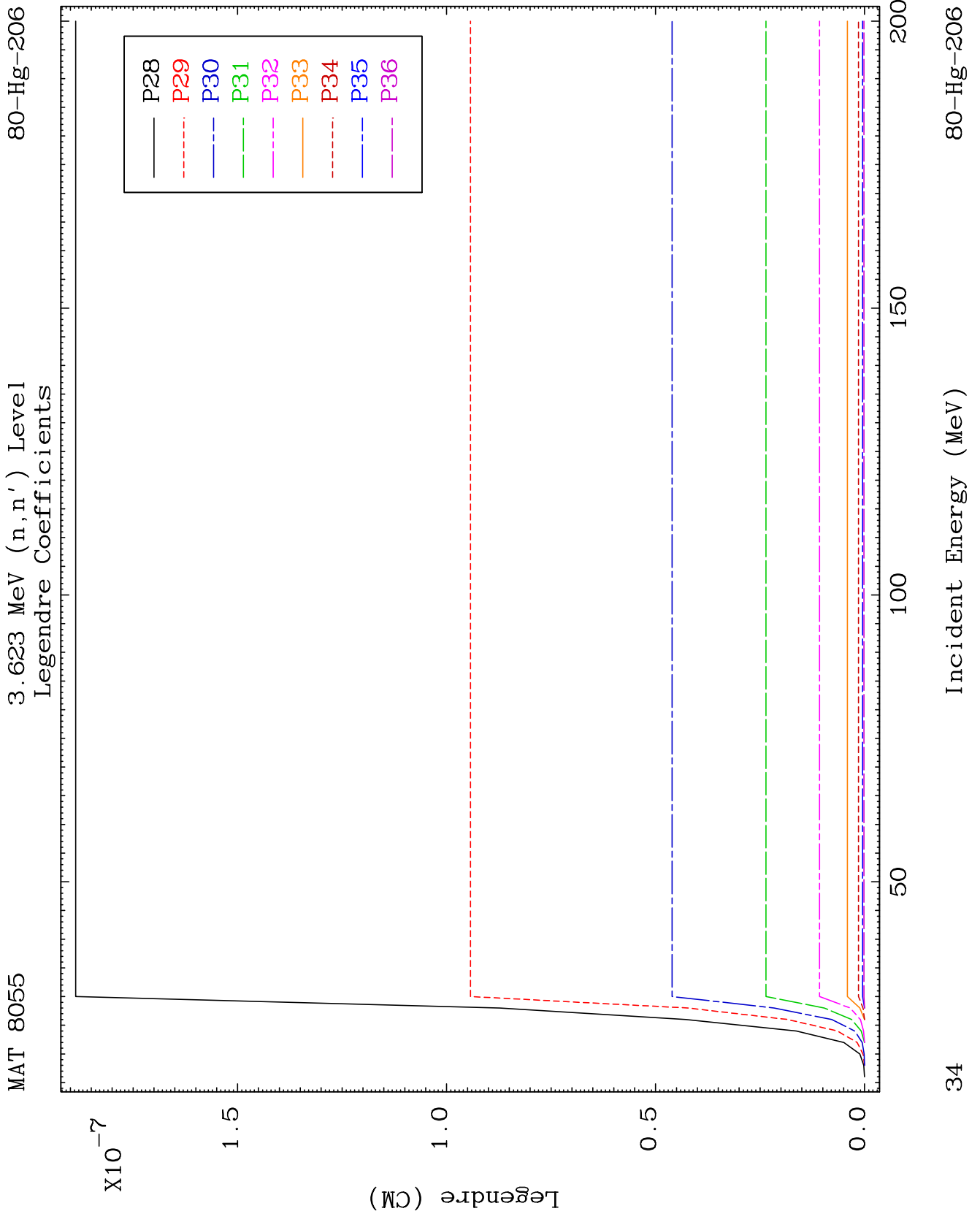
80-Hg-206

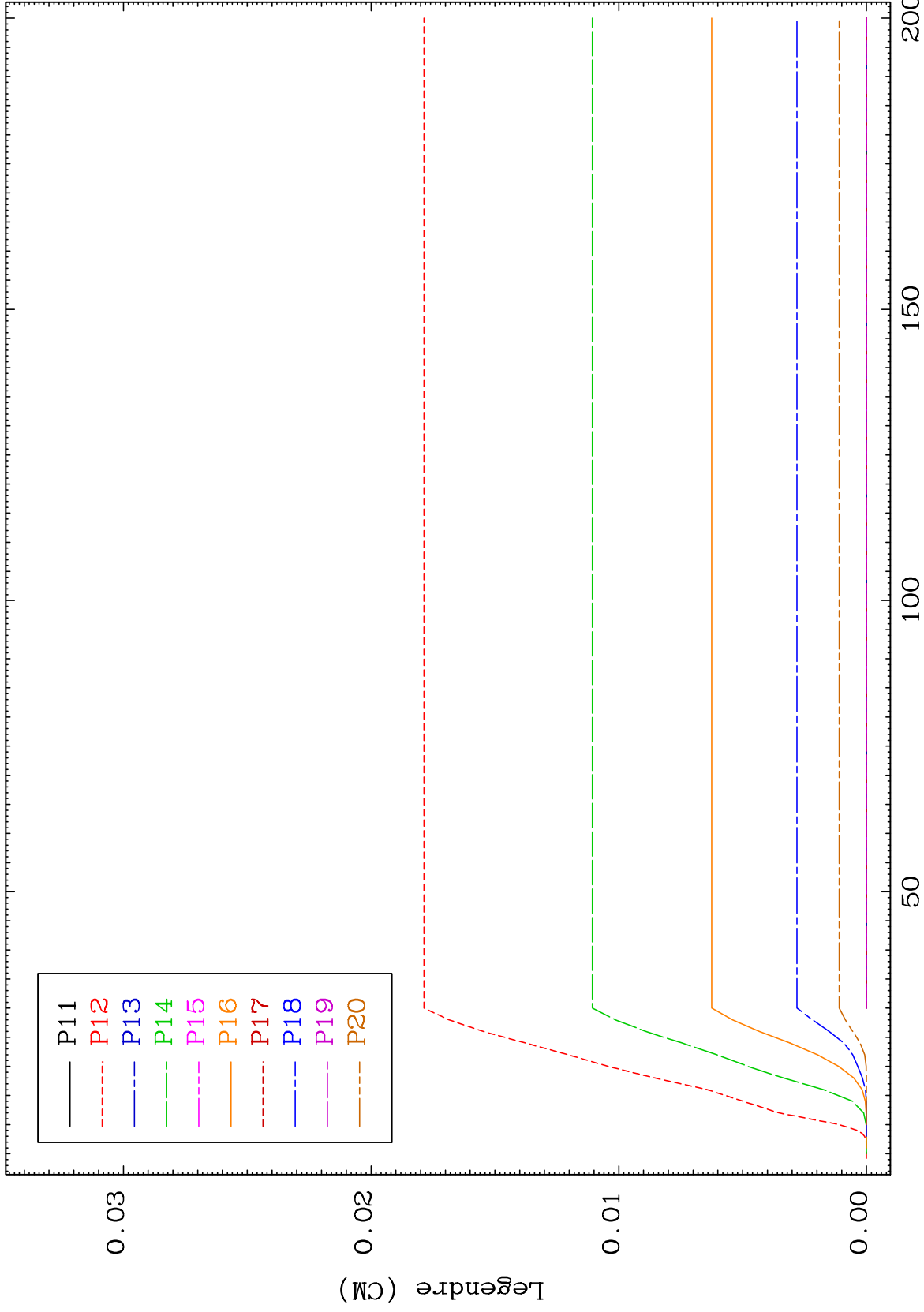
MAT 8055

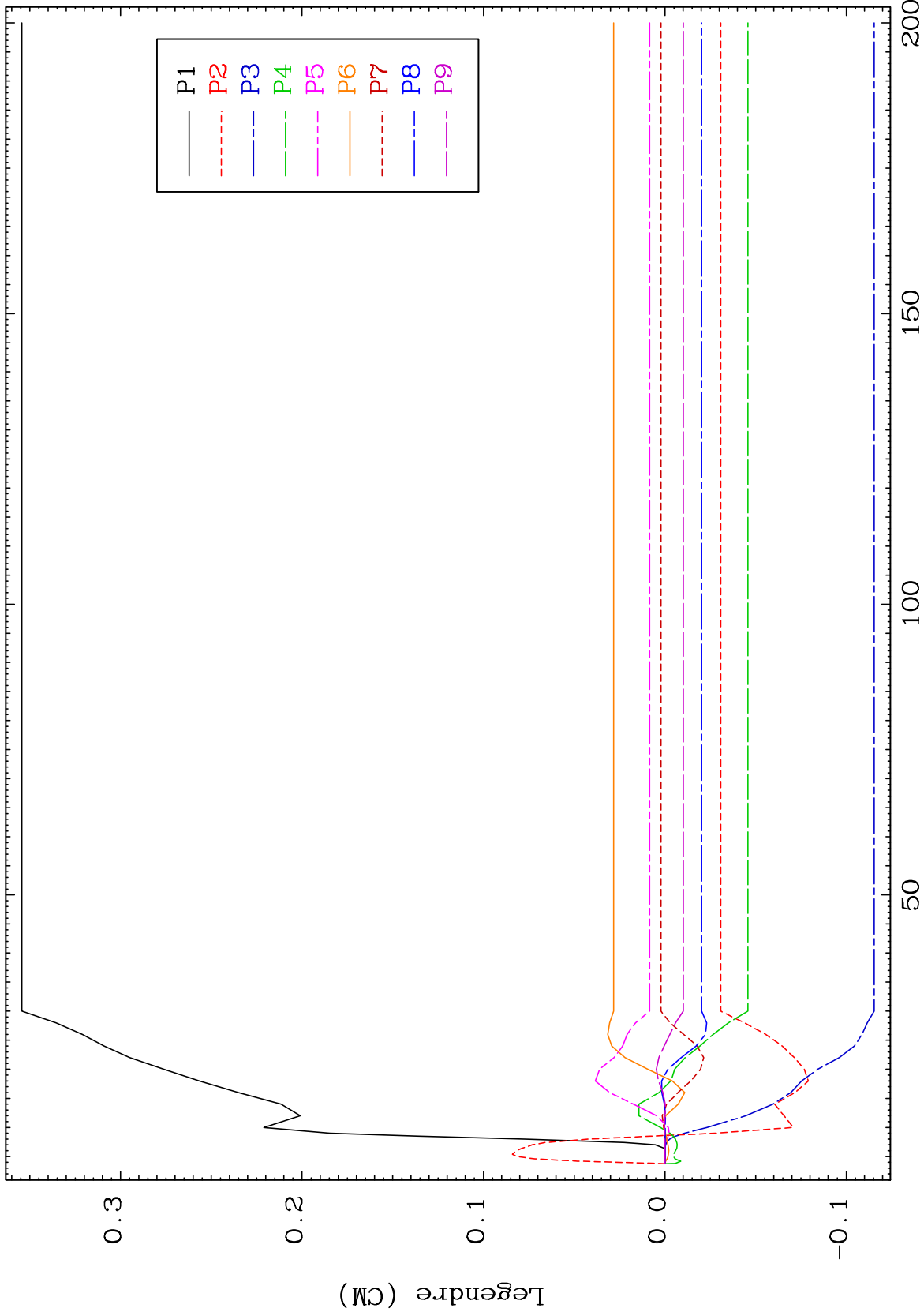
3.623 MeV (n,n') Level
Legendre Coefficients

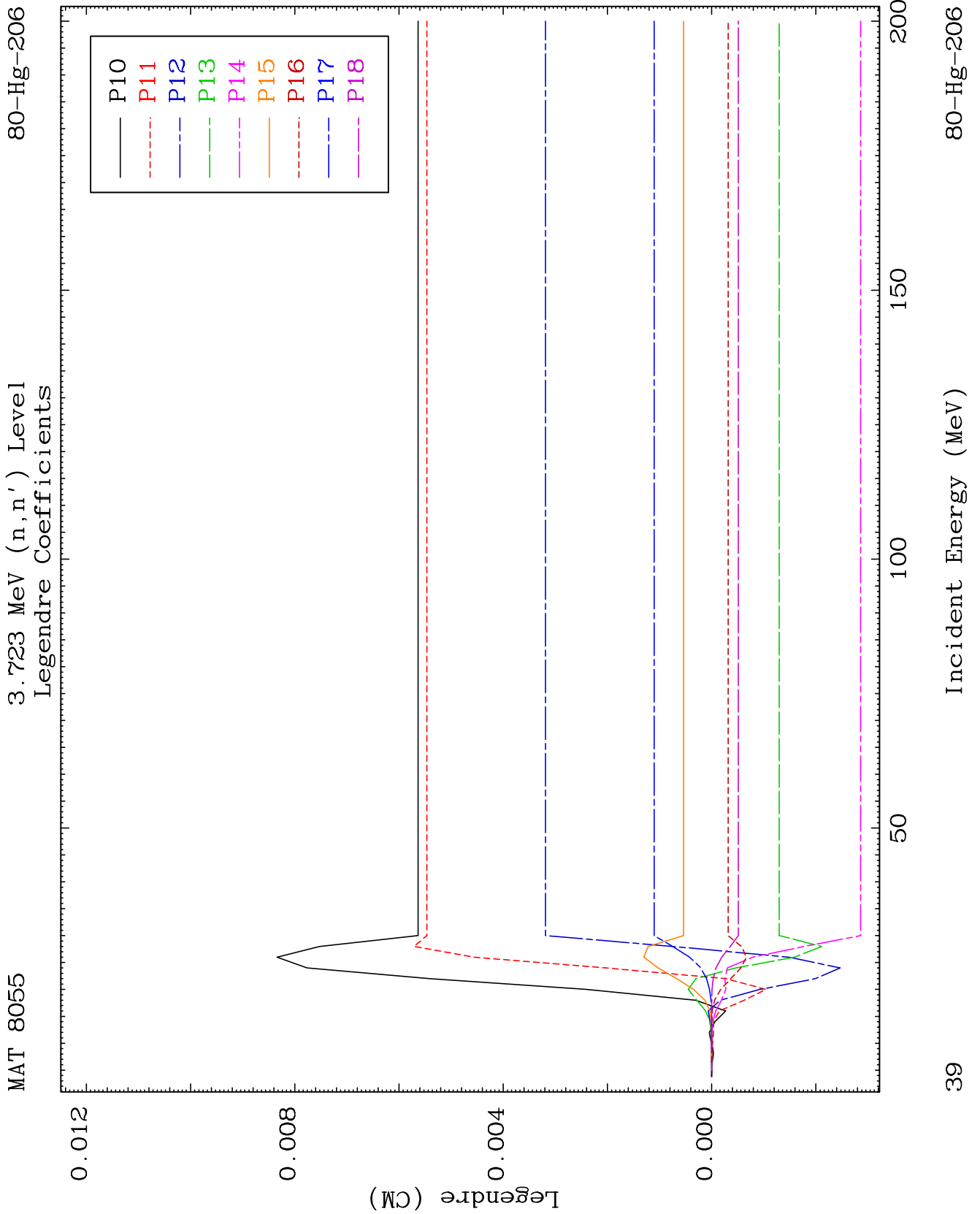
80-Hg-206







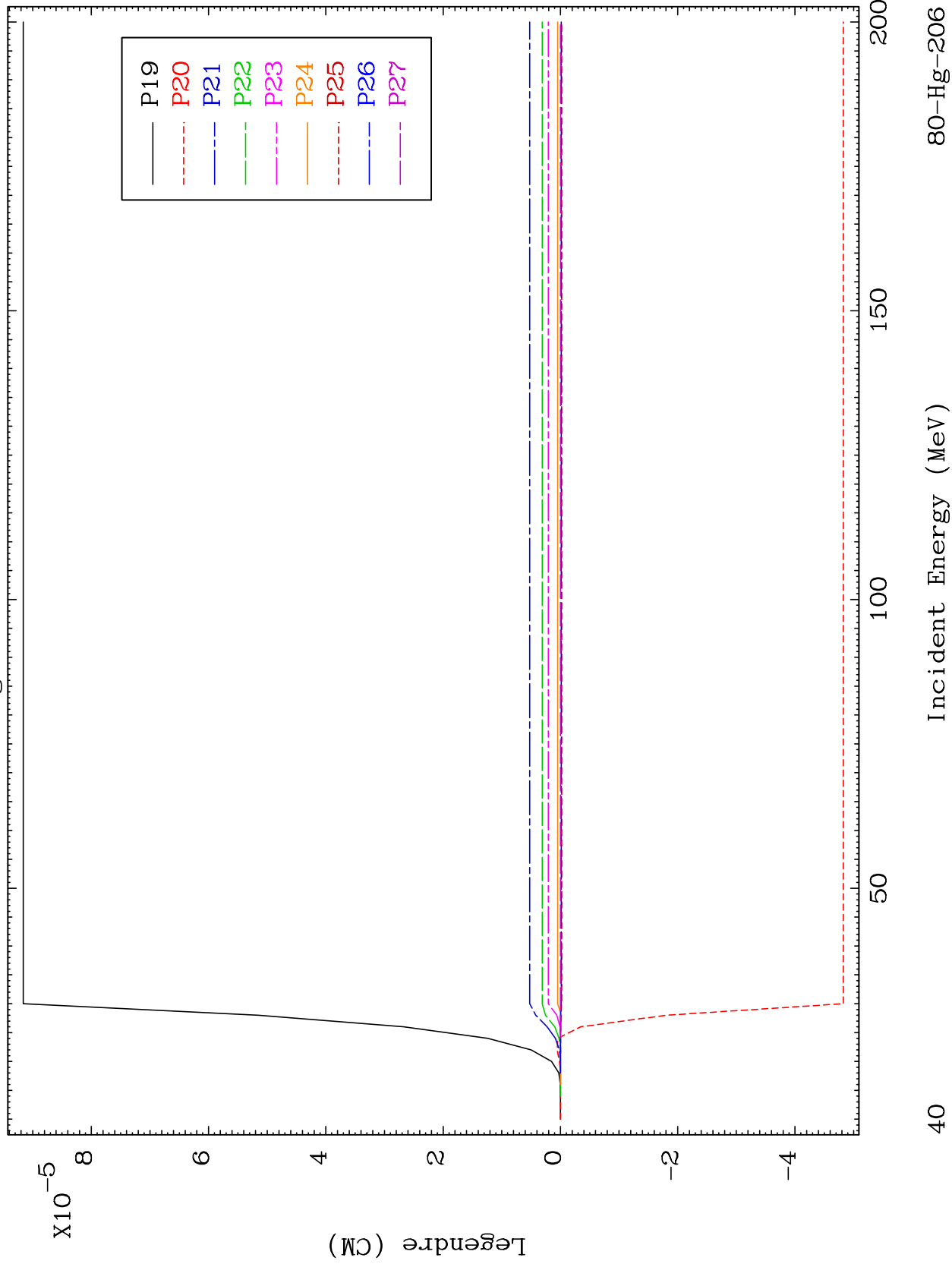




MAT 8055

3.723 MeV (n,n') Level
Legendre Coefficients

80-Hg-206



40

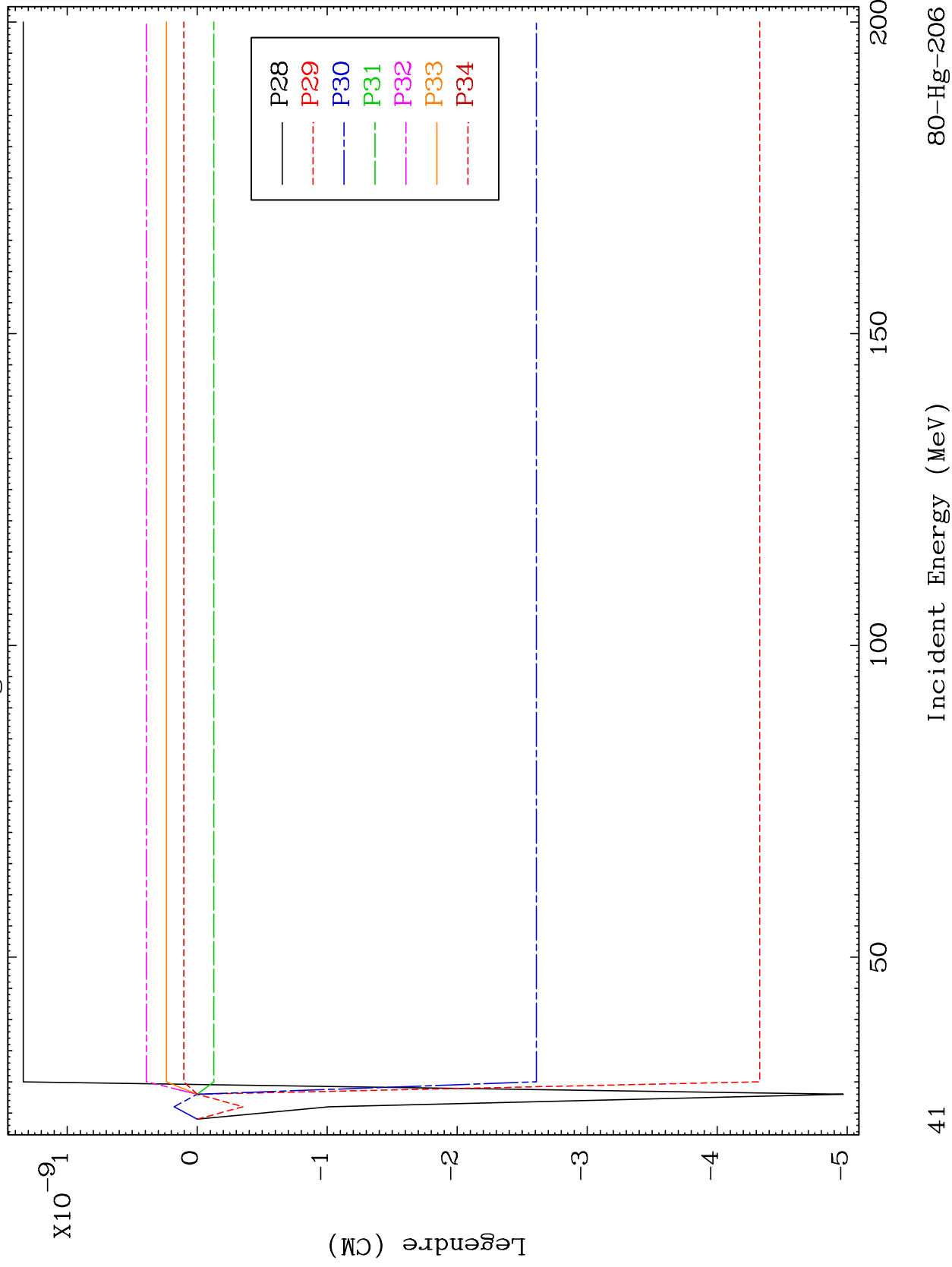
Incident Energy (MeV)

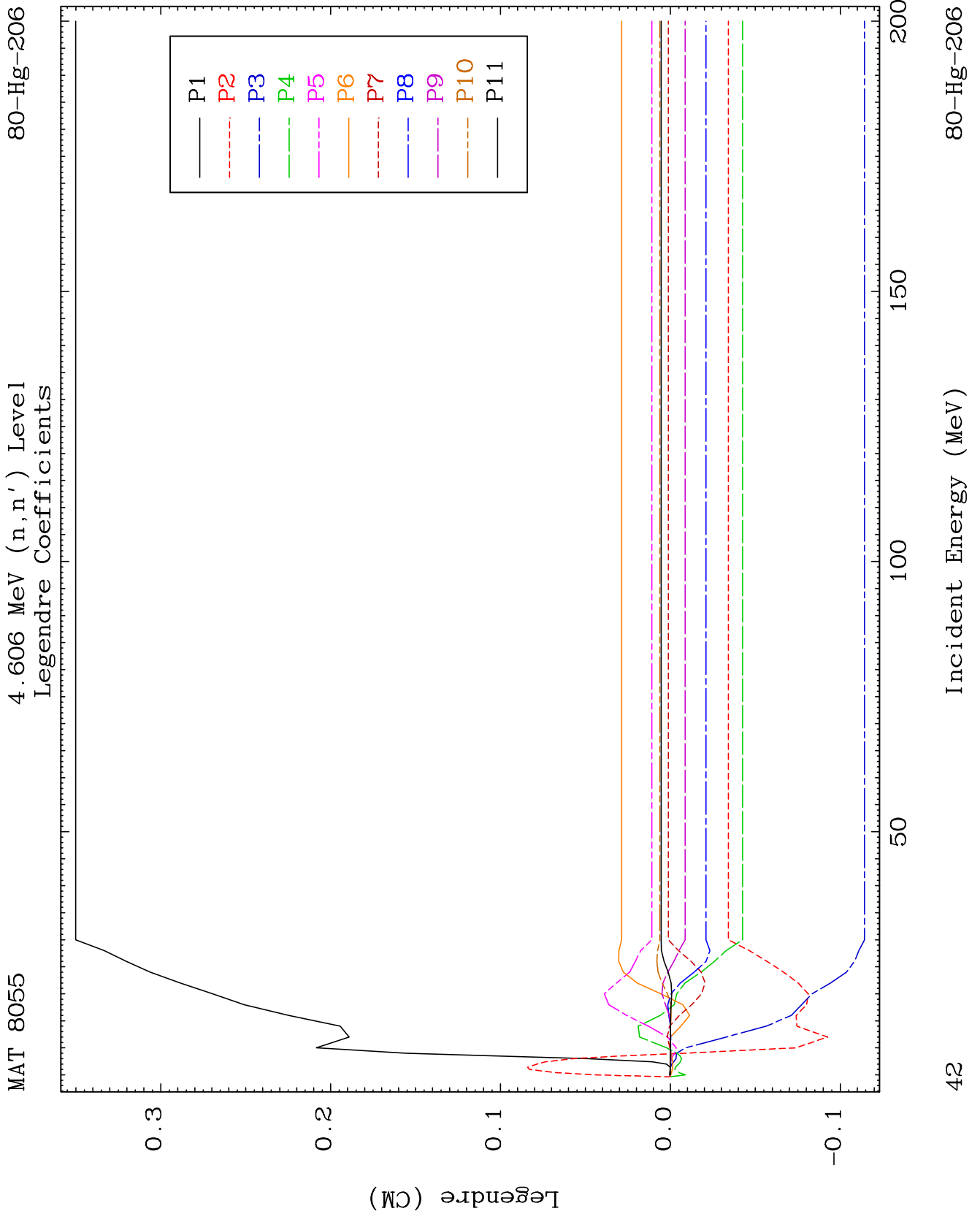
80-Hg-206

MAT 8055

3.723 MeV (n,n') Level
Legendre Coefficients

80-Hg-206

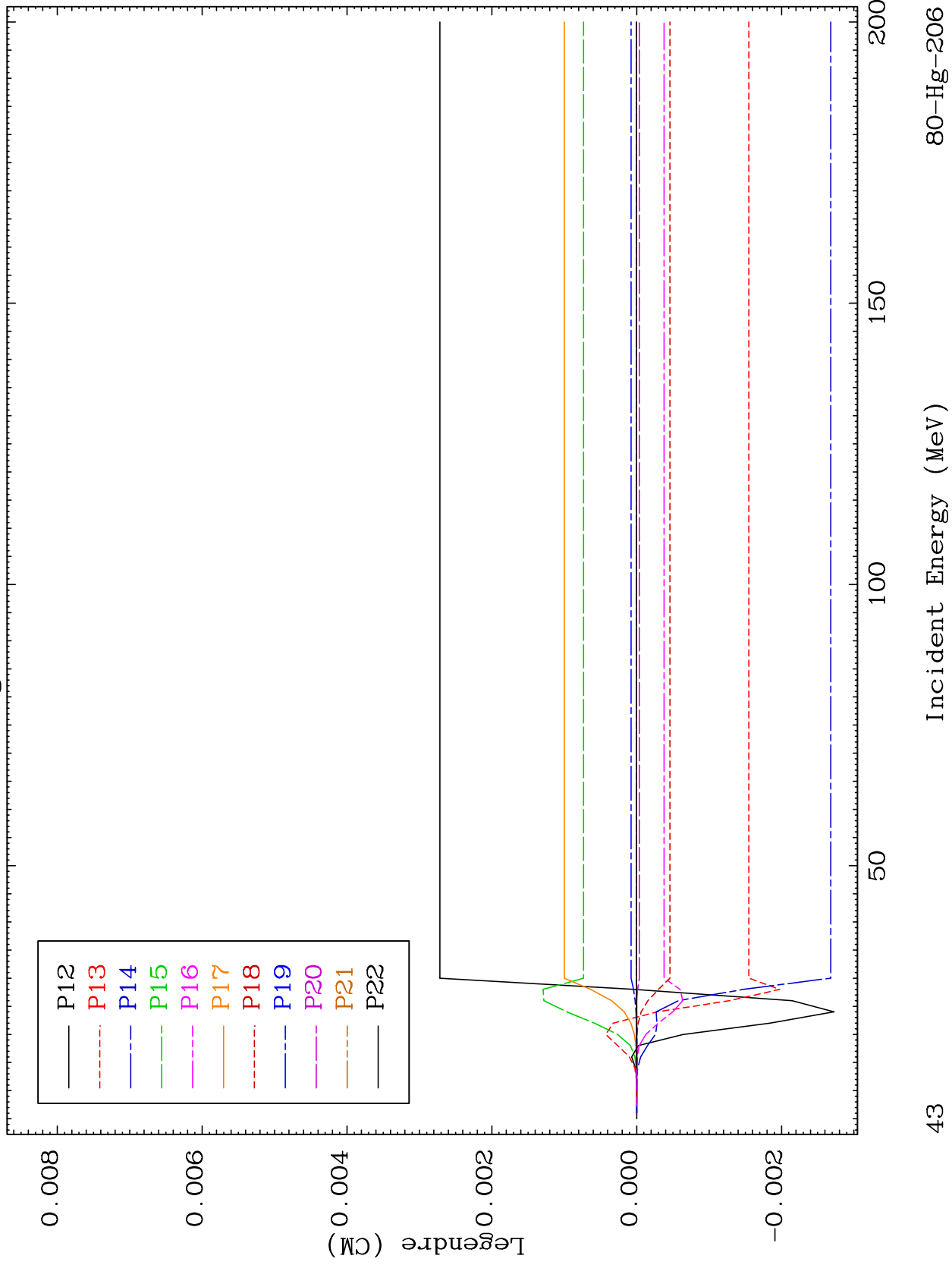




MAT 80555

4.606 MeV (n,n') Level
Legendre Coefficients

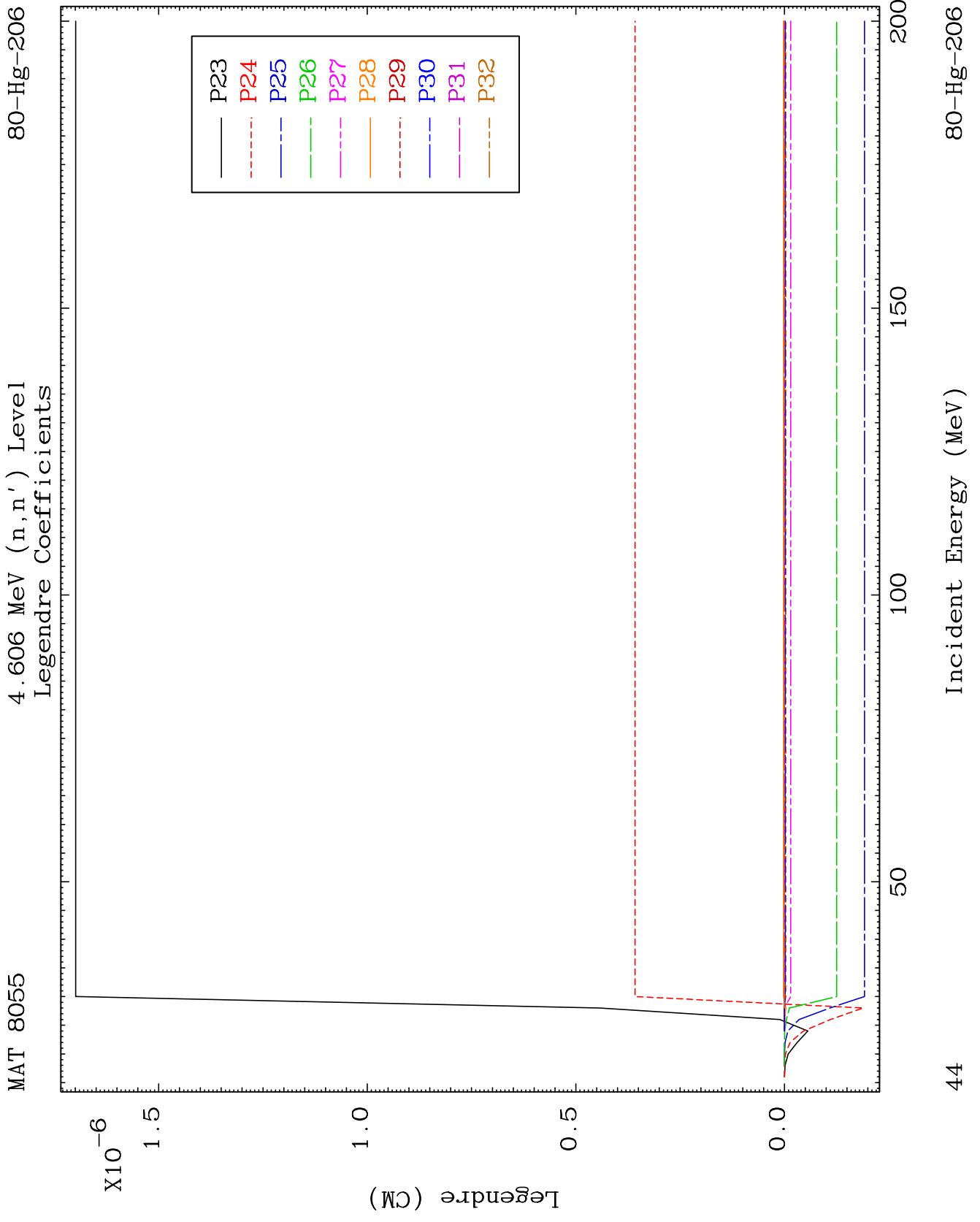
80-Hg-206



43

Incident Energy (MeV)

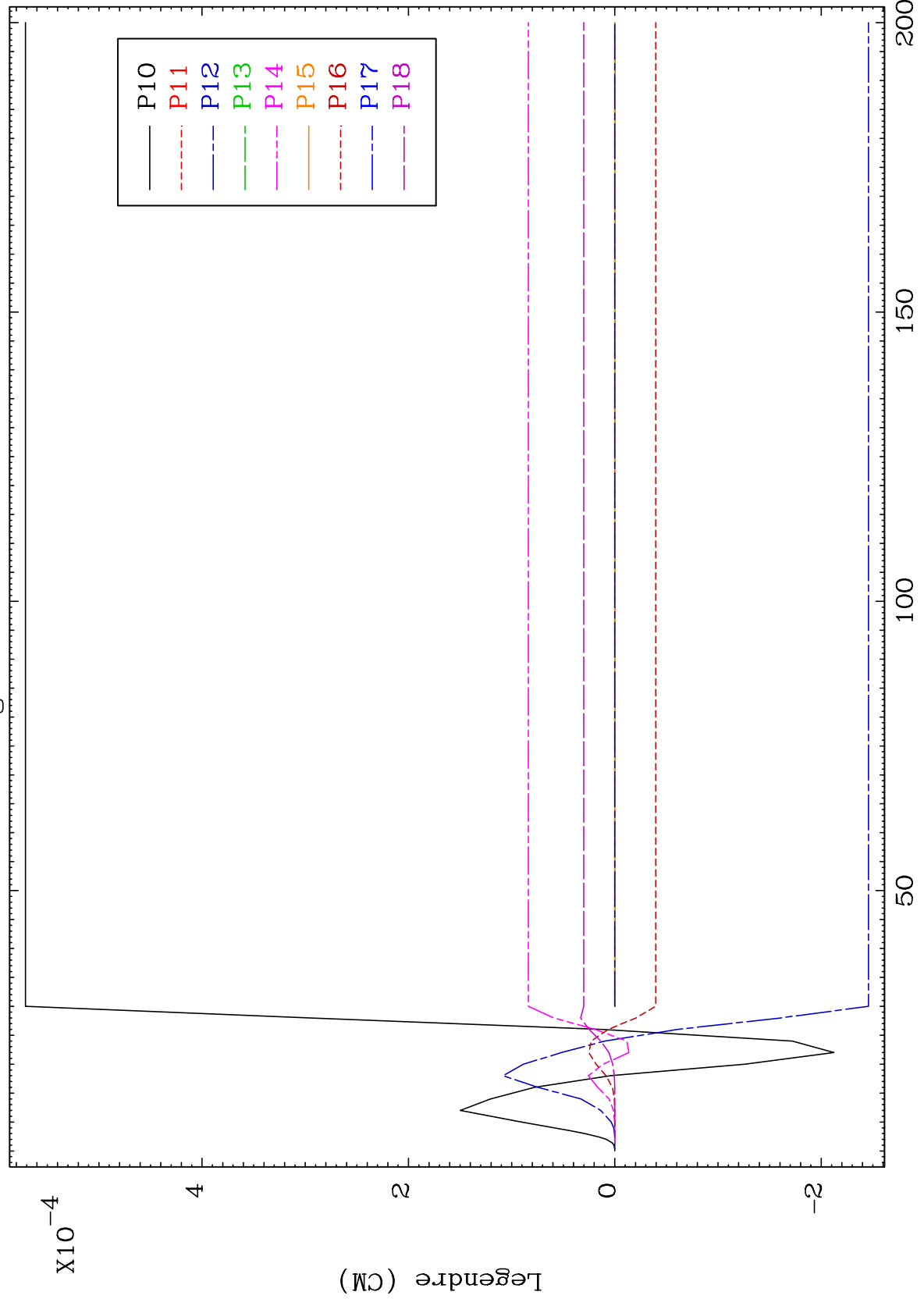
80-Hg-206



MAT 8055

4.987 MeV (n,n') Level
Legendre Coefficients

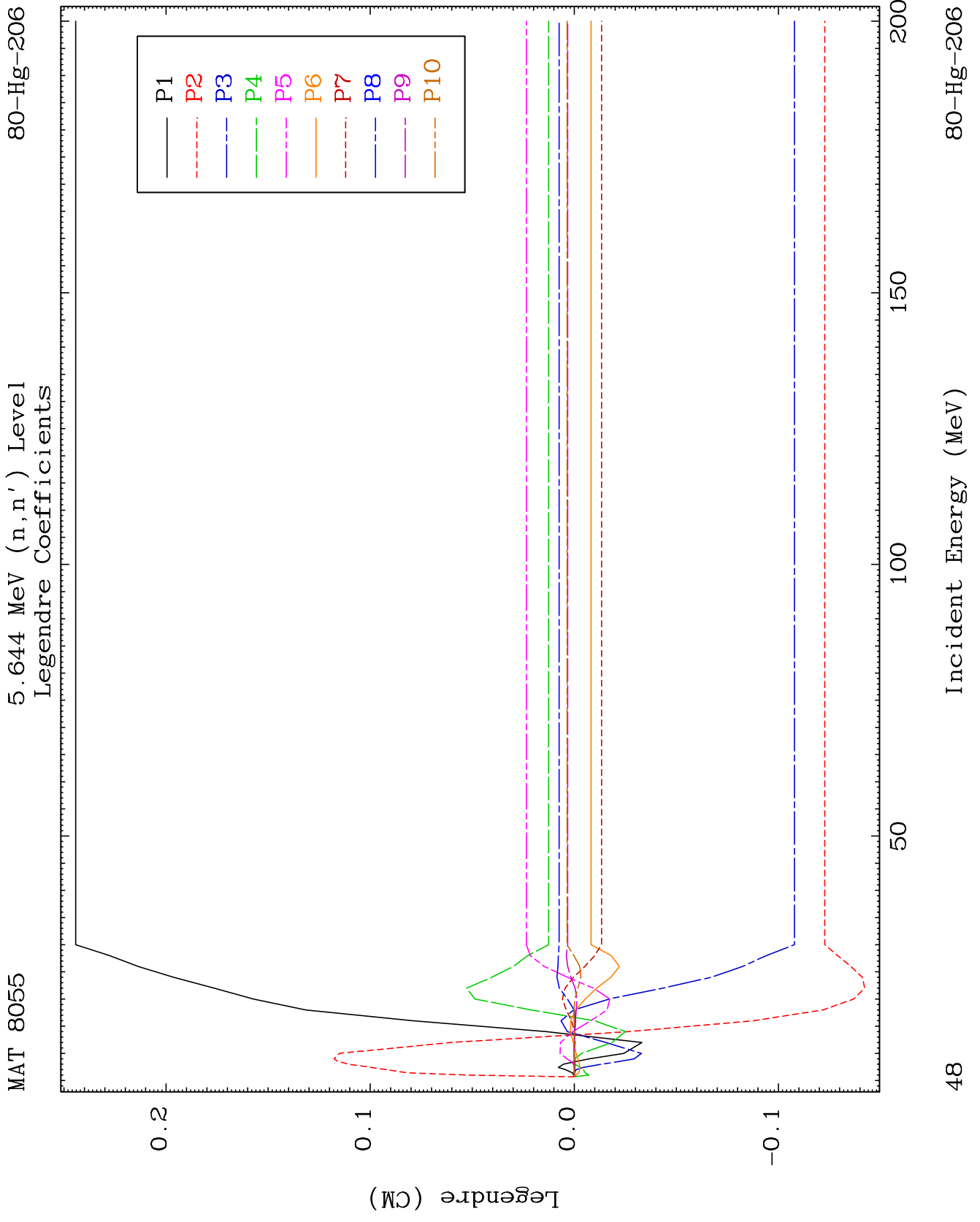
80-Hg-206



46

Incident Energy (MeV)

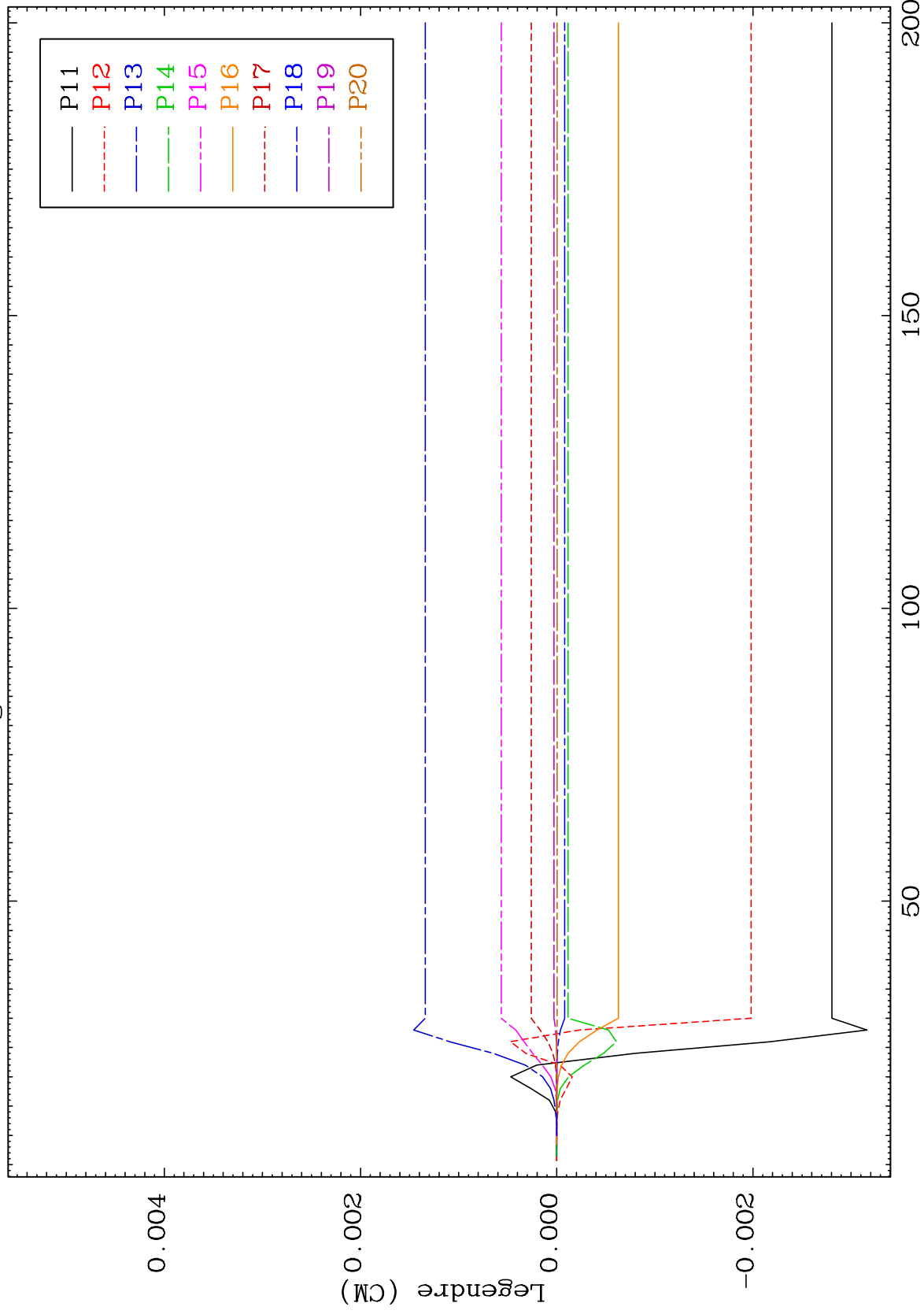
80-Hg-206



MAT 8055

5.644 MeV (n,n') Level
Legendre Coefficients

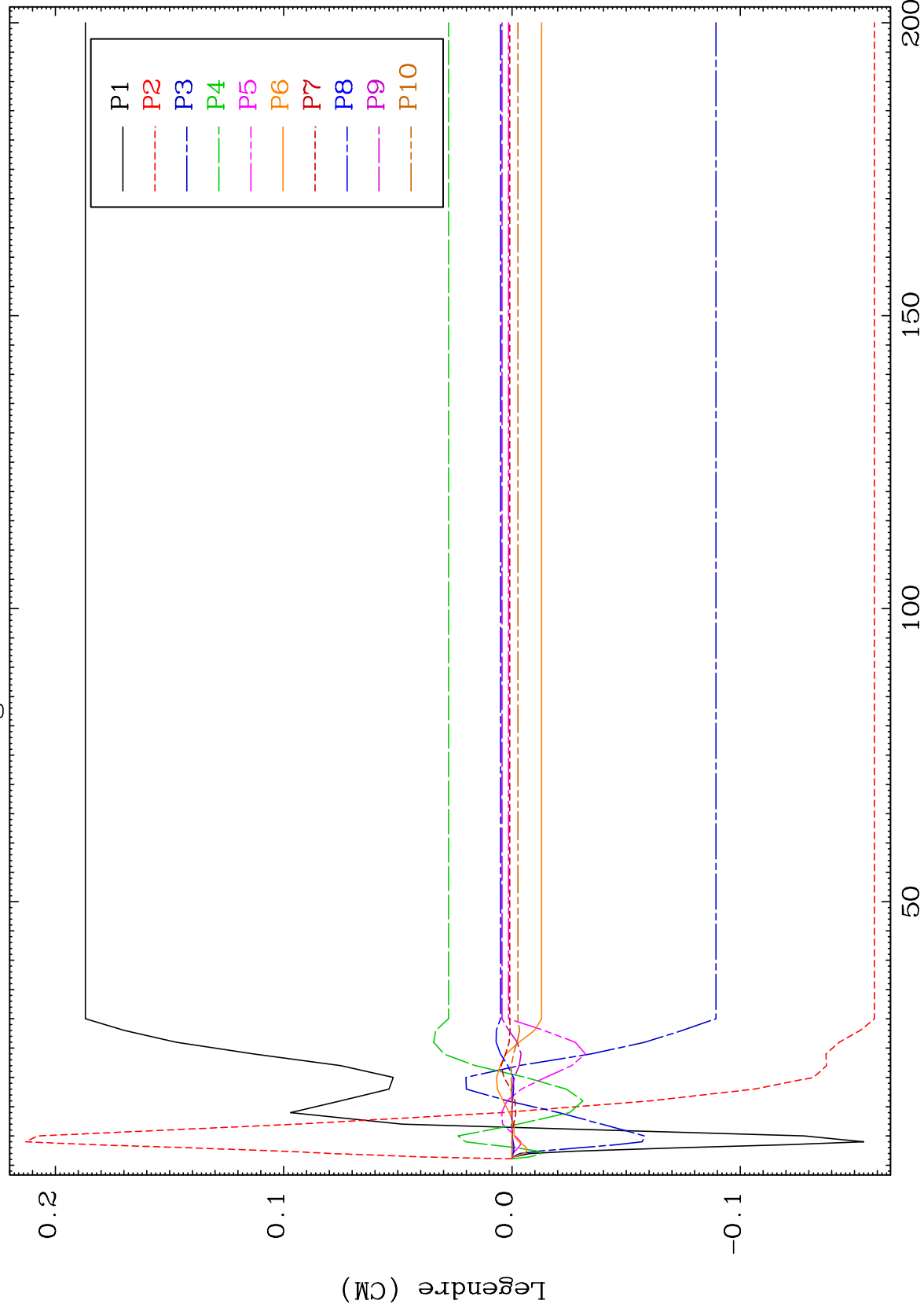
80-Hg-206

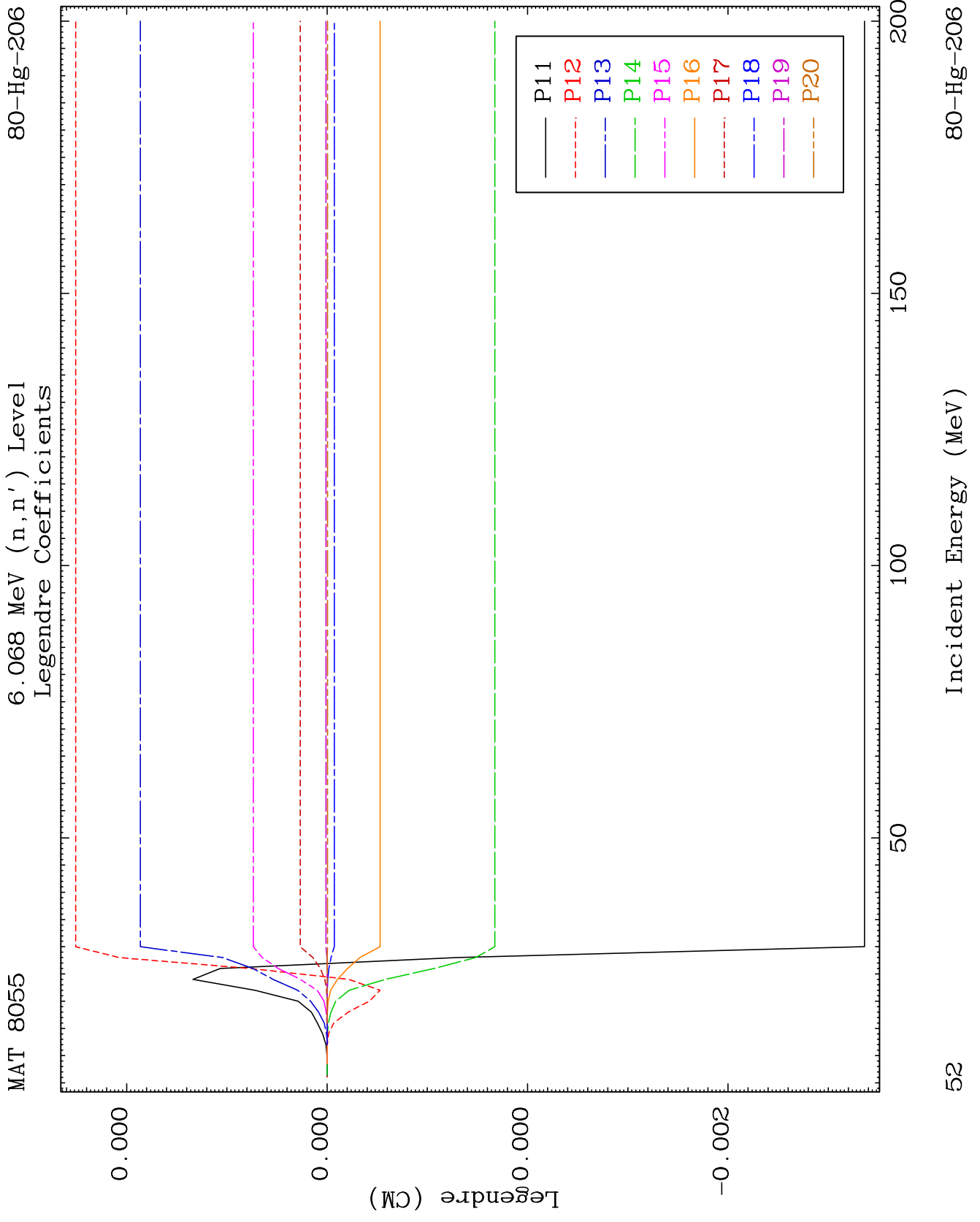


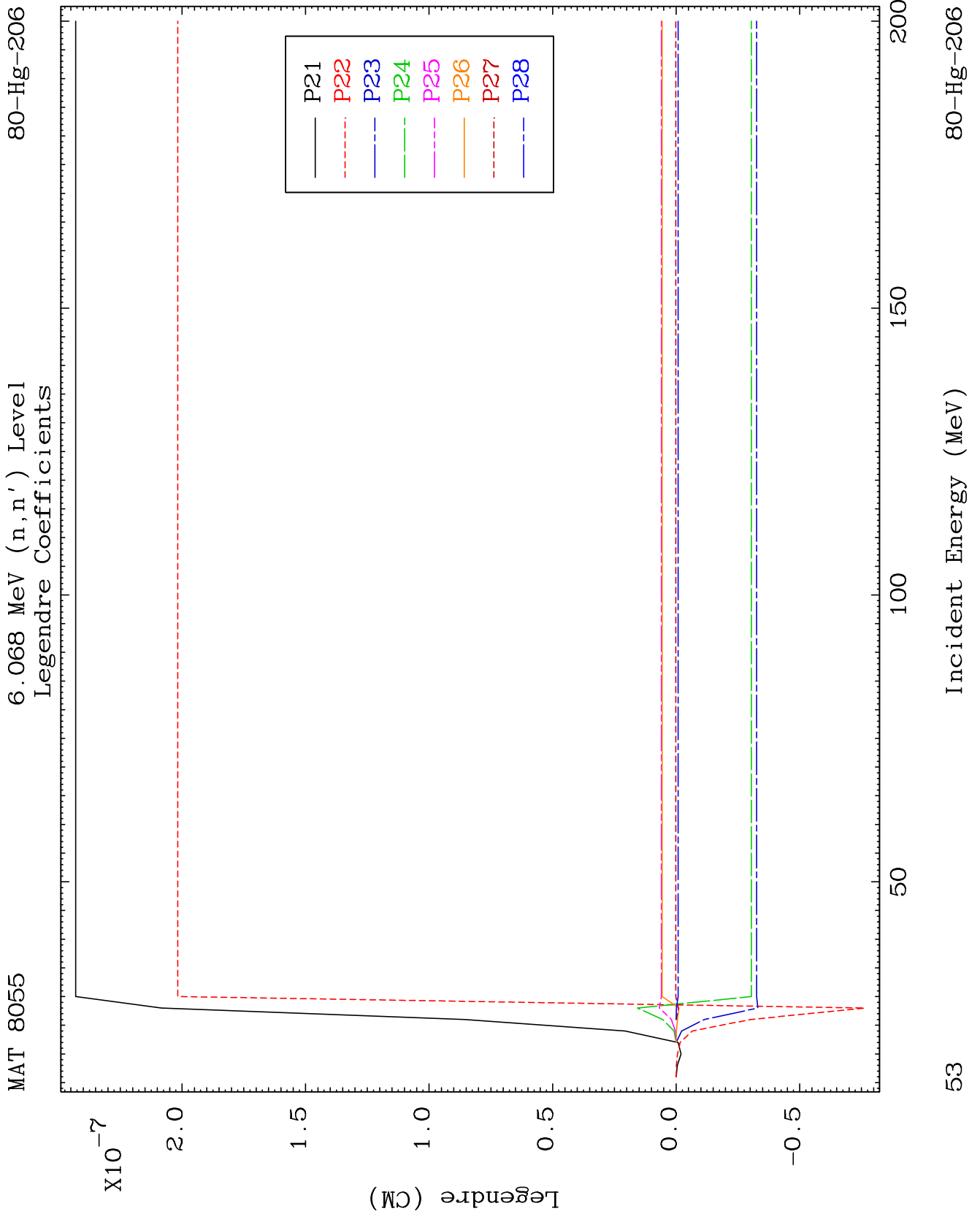
49

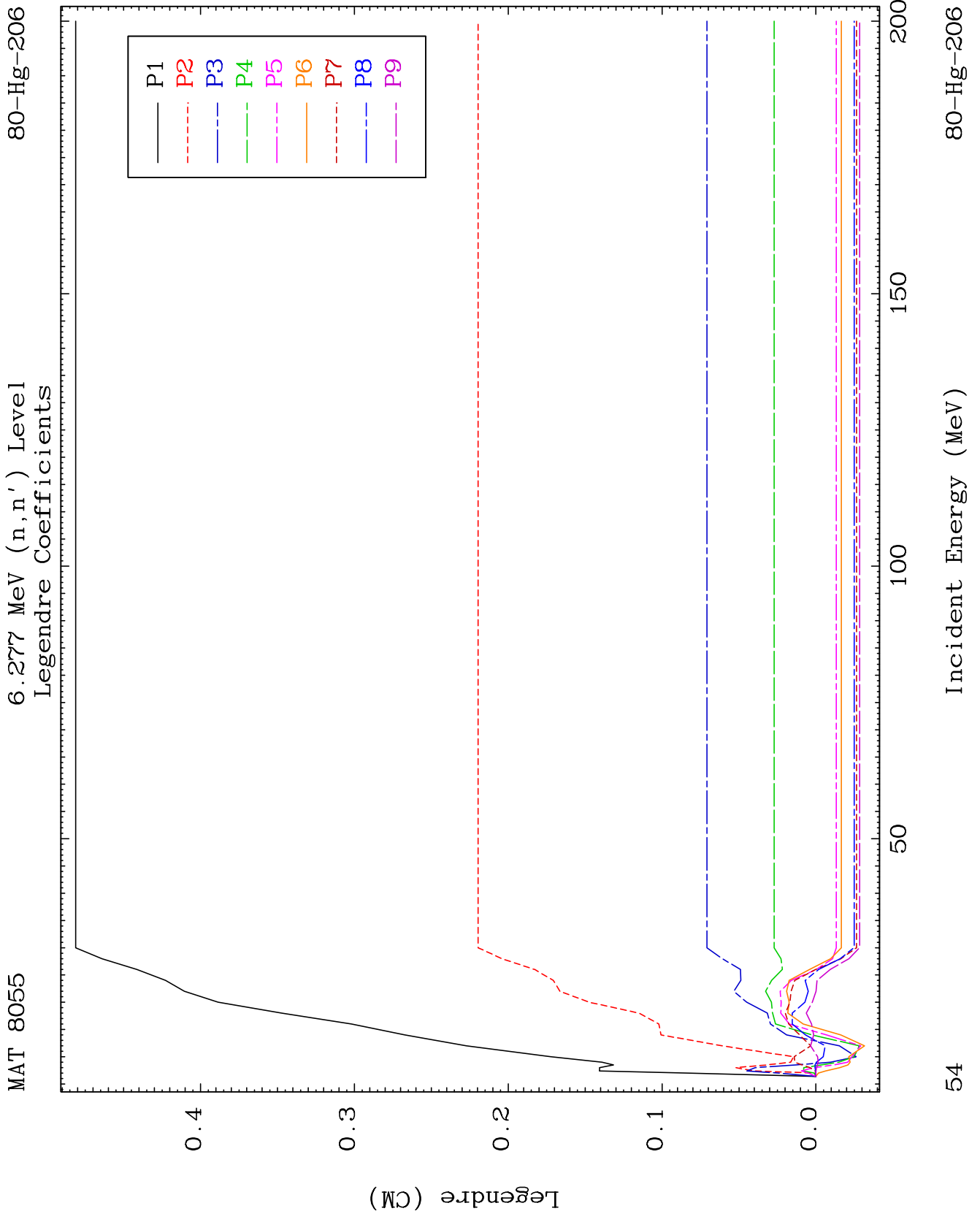
Incident Energy (MeV)

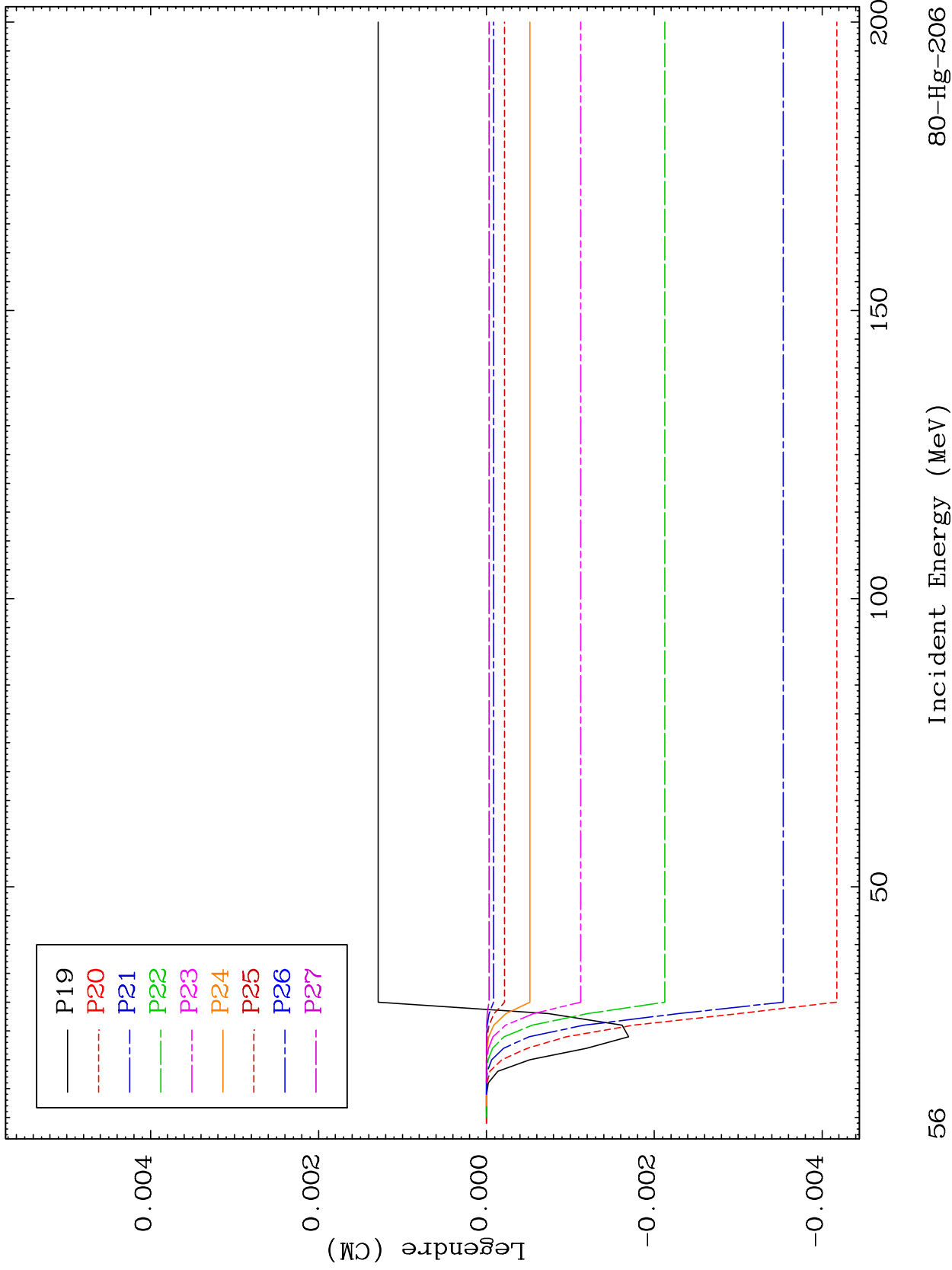
80-Hg-206

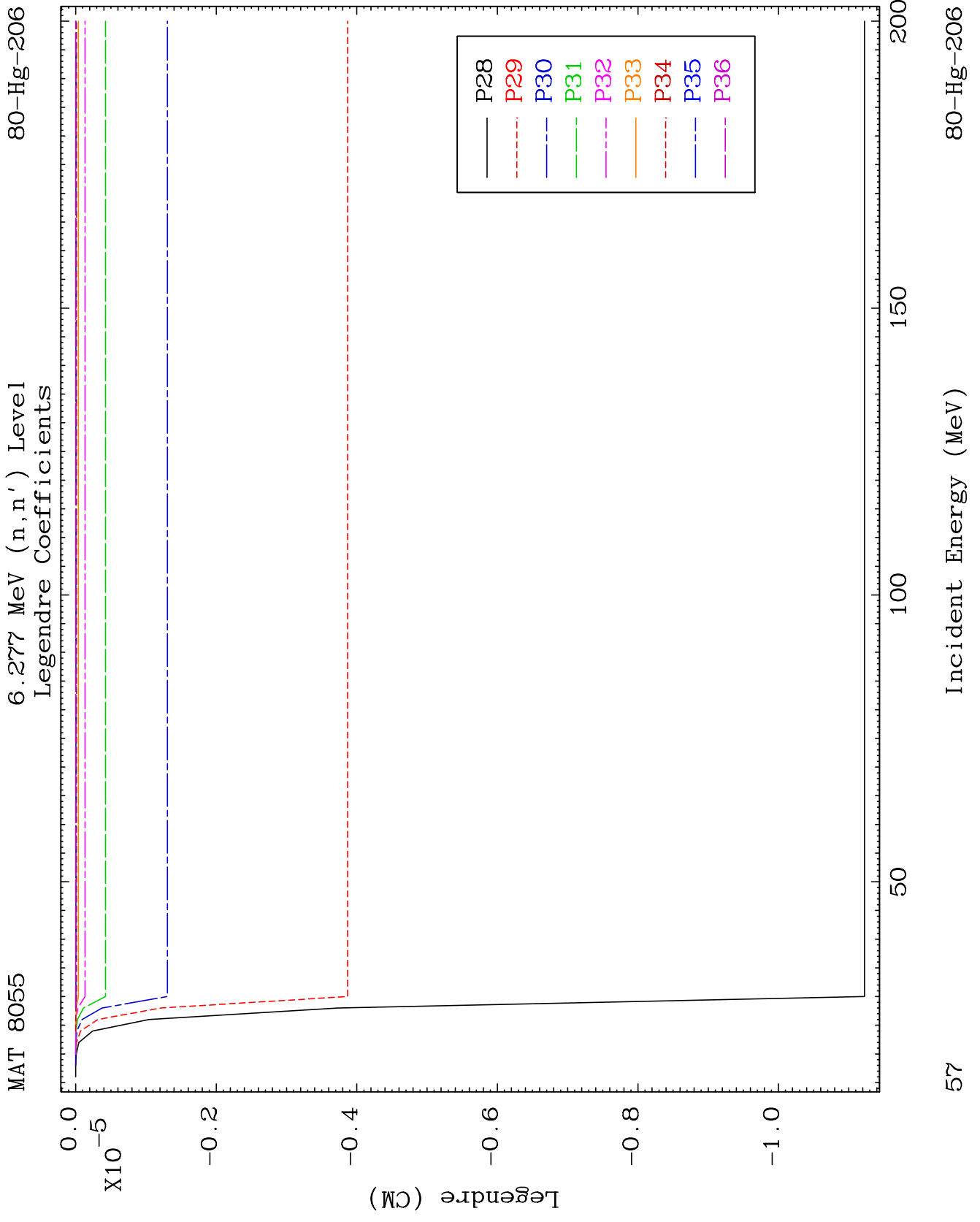










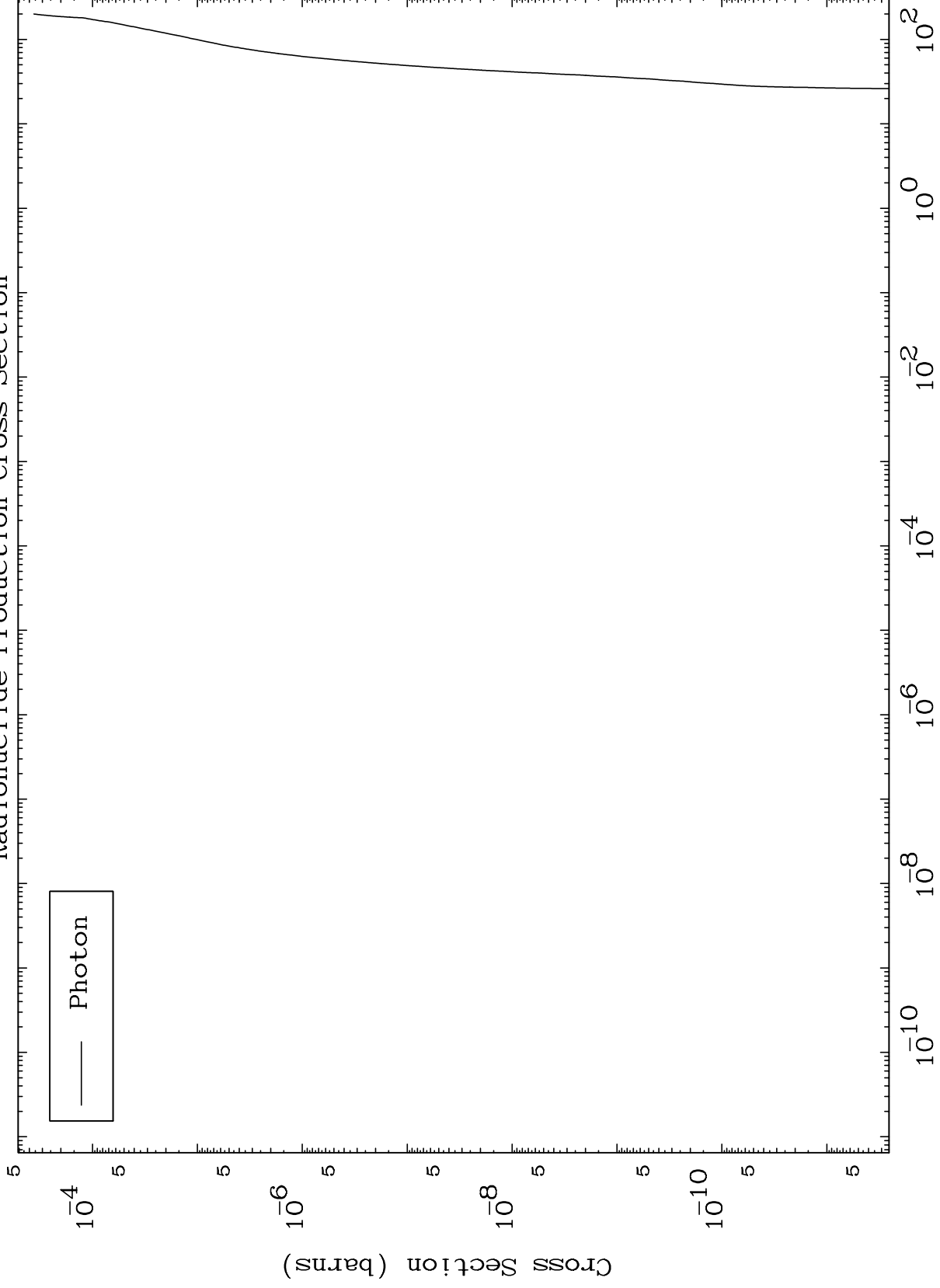


MAT 8055

Fission

80-Hg-206

Radionuclide Production Cross Section



58

Incident Energy (MeV)

80-Hg-206