

Program EVALPLOT
(Version 2021-1)

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

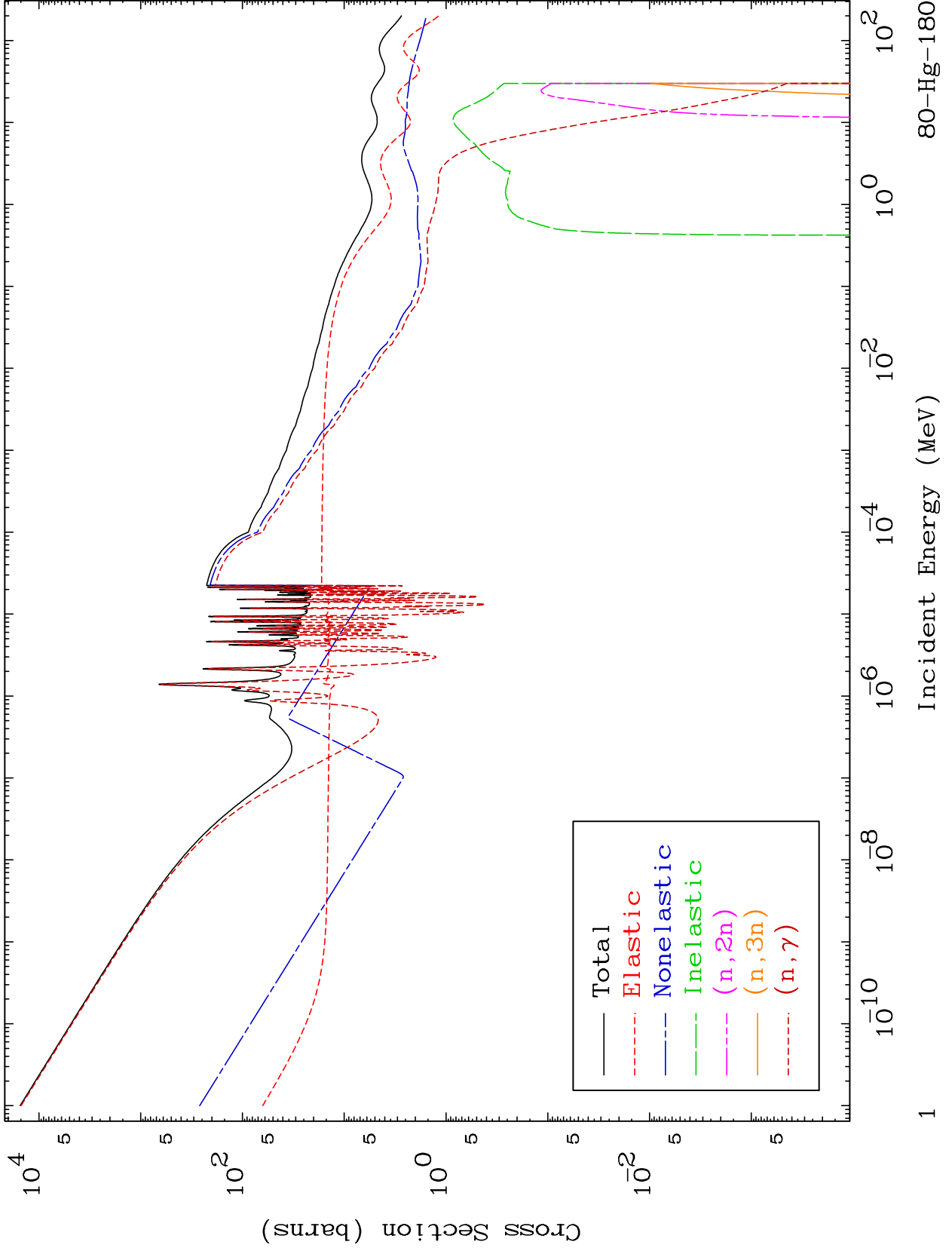
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7977

Neutron Major
293 Kelvin Cross Sections

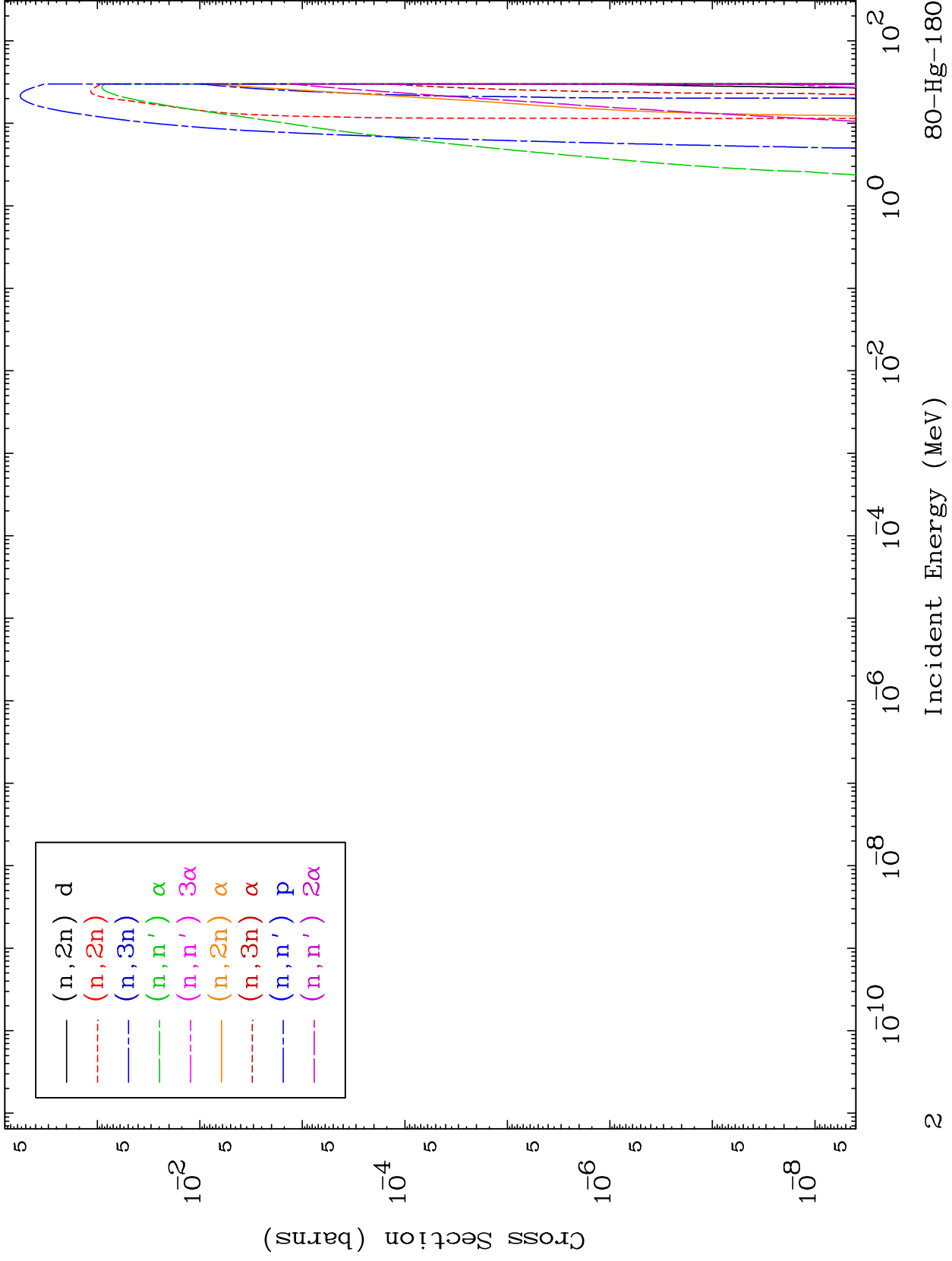
80-Hg-180



MAT 7977

Neutron Absorption
293 Kelvin Cross Sections

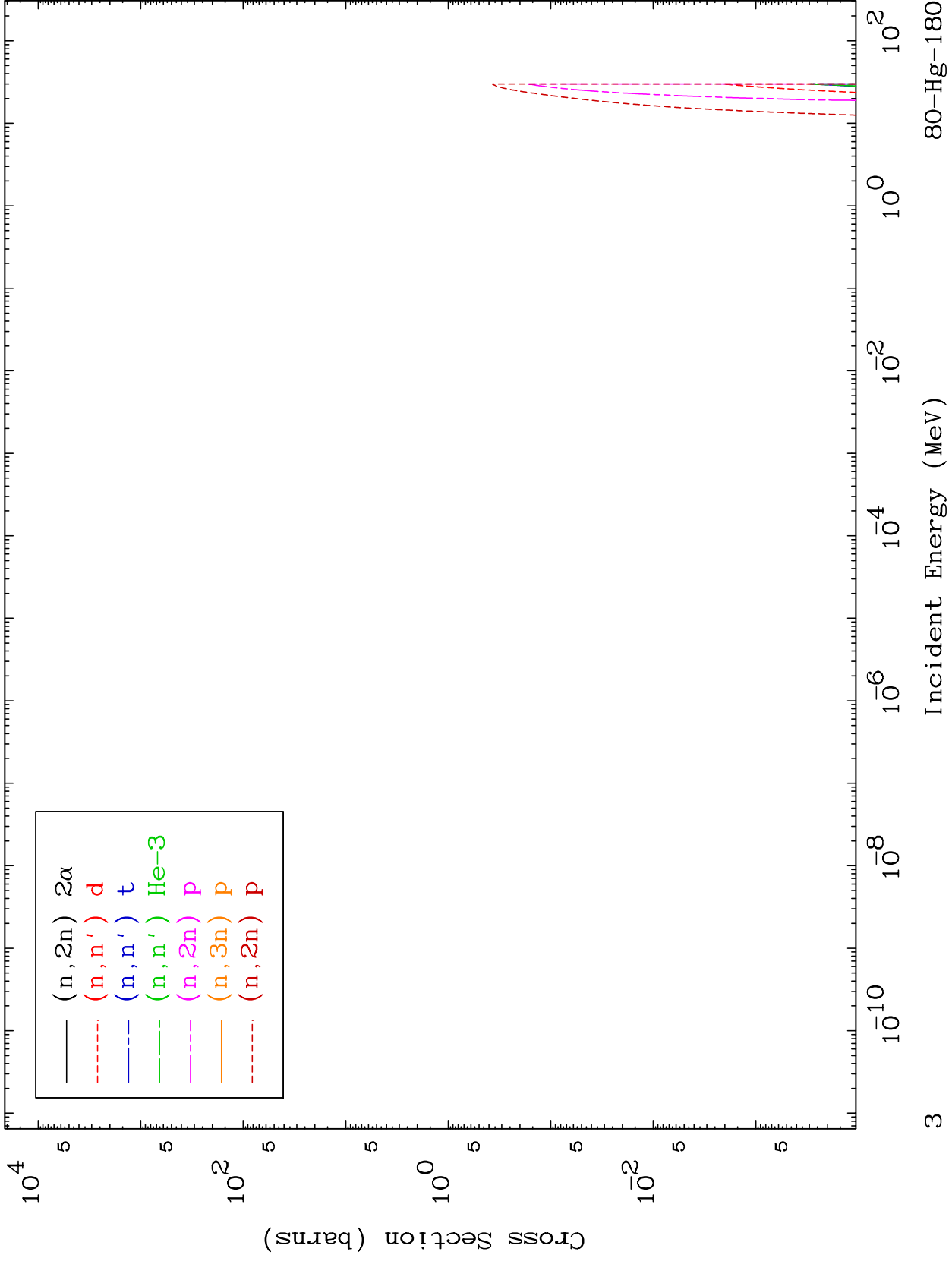
80-Hg-180



MAT 7977

Neutron Absorption
293 Kelvin Cross Sections

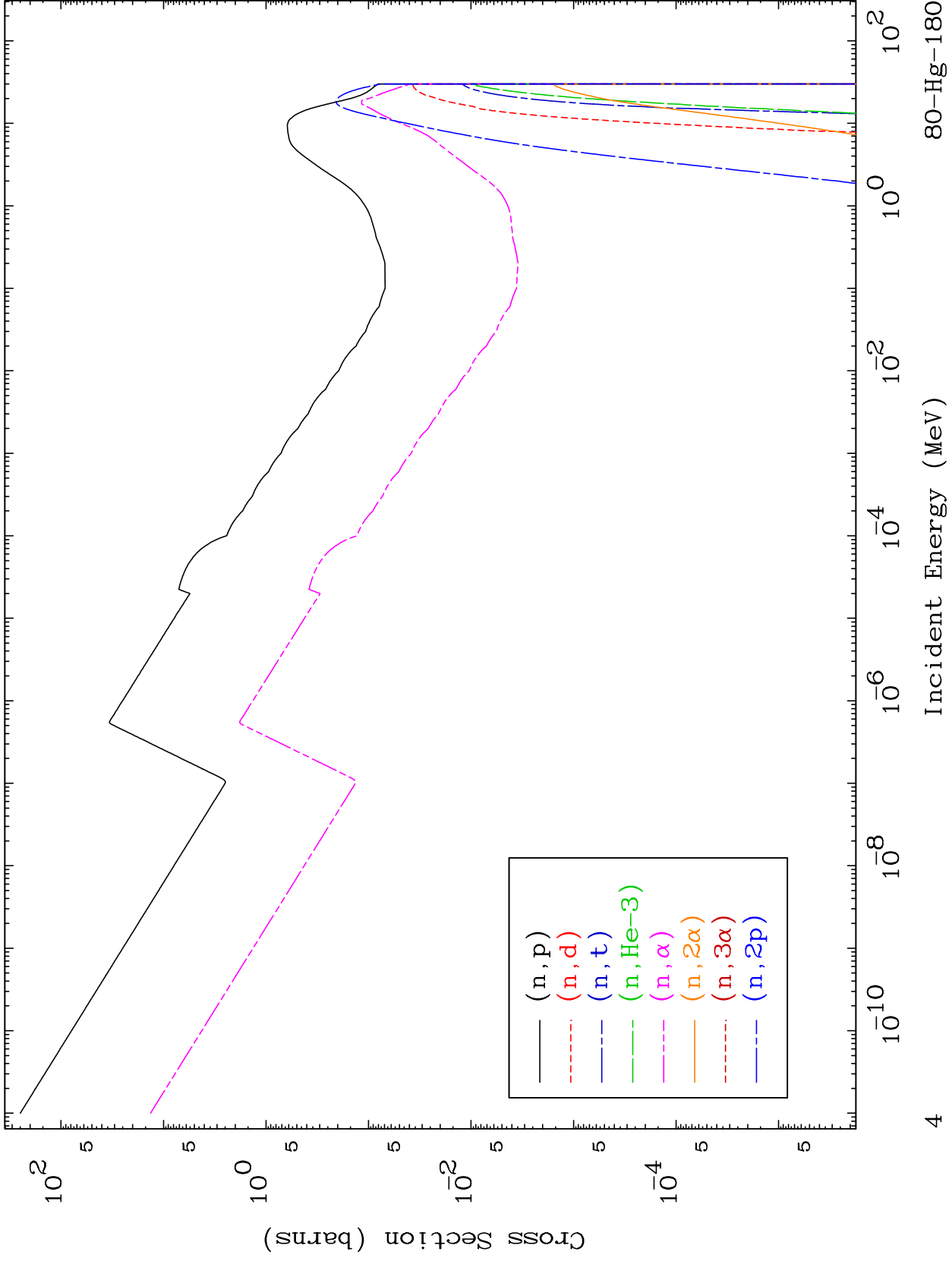
80-Hg-180



MAT 7977

Neutron Absorption
293 Kelvin Cross Sections

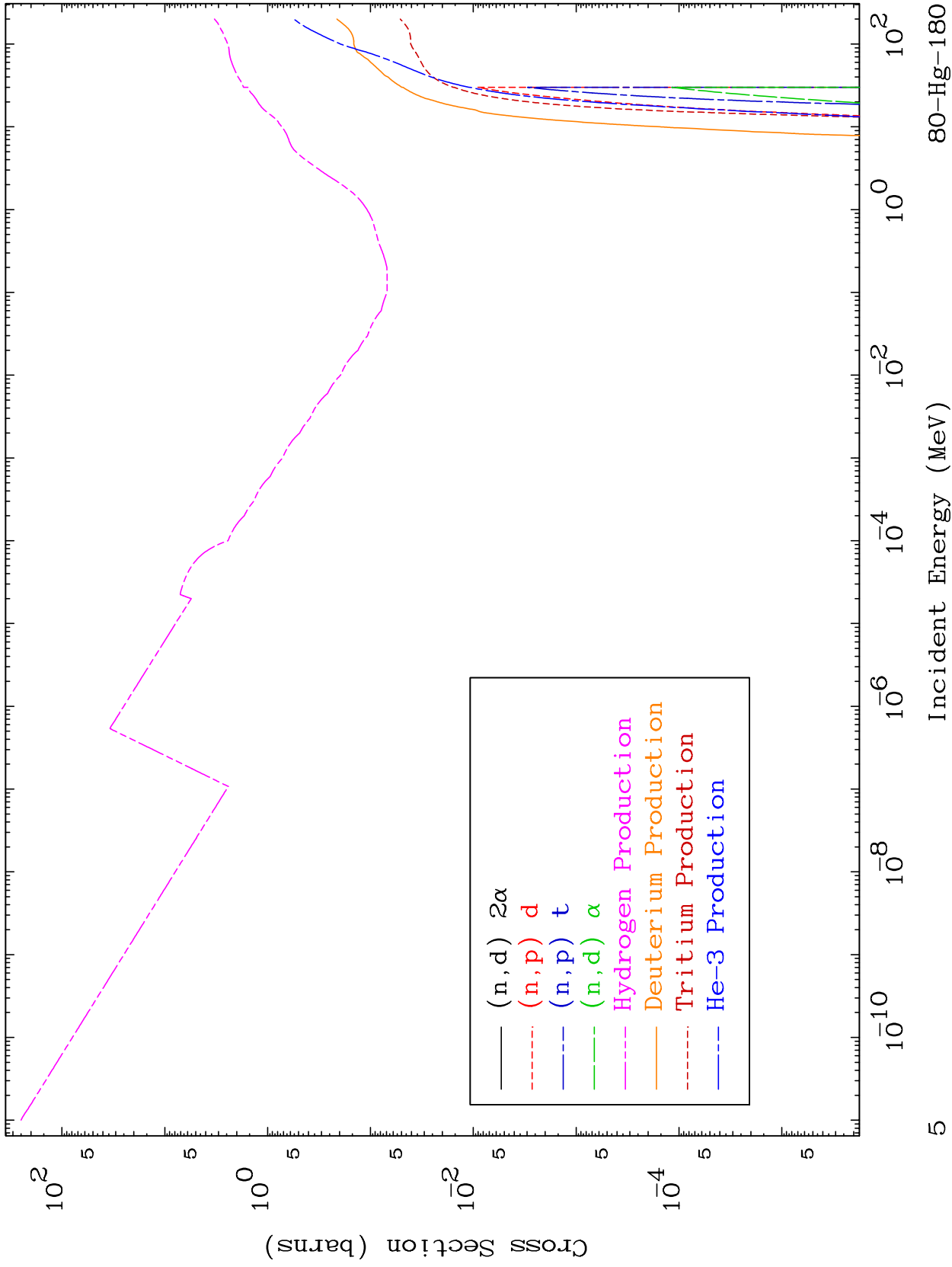
80-Hg-180



MAT 7977

Neutron Absorption
293 Kelvin Cross Sections

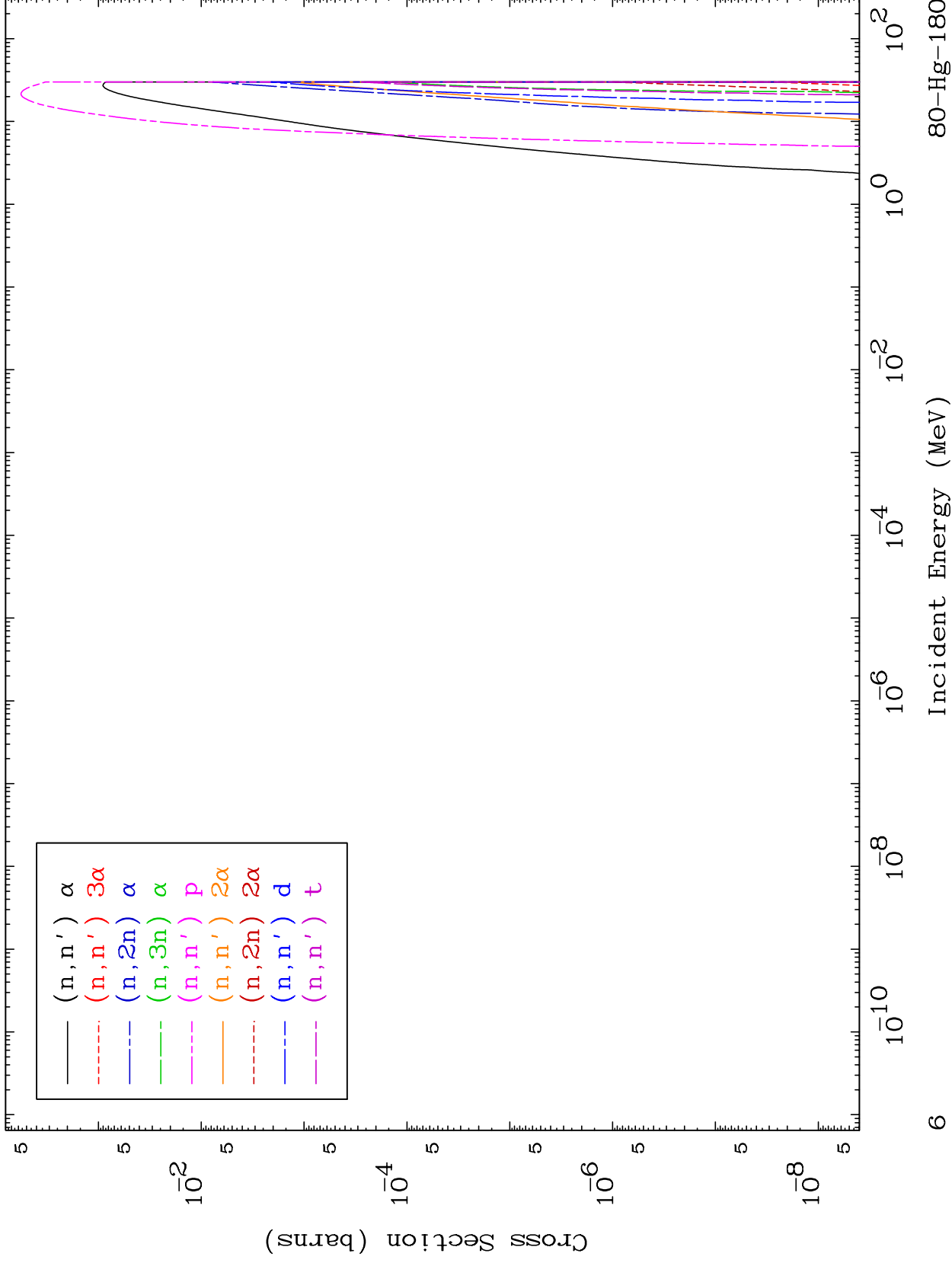
80-Hg-180



MAT 7977

Charged Particle
293 Kelvin Cross Sections

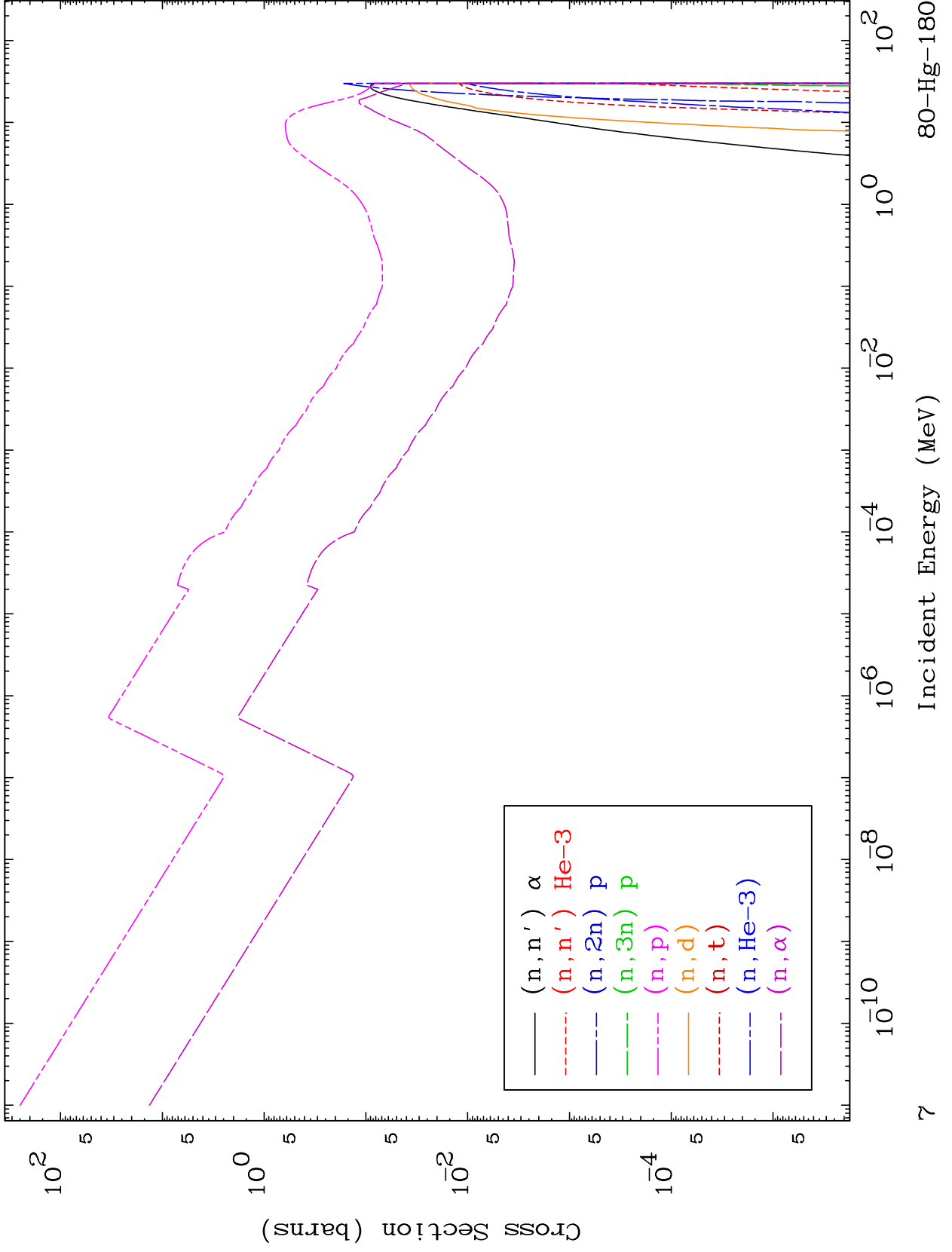
80-Hg-180



MAT 7977

Charged Particle
293 Kelvin Cross Sections

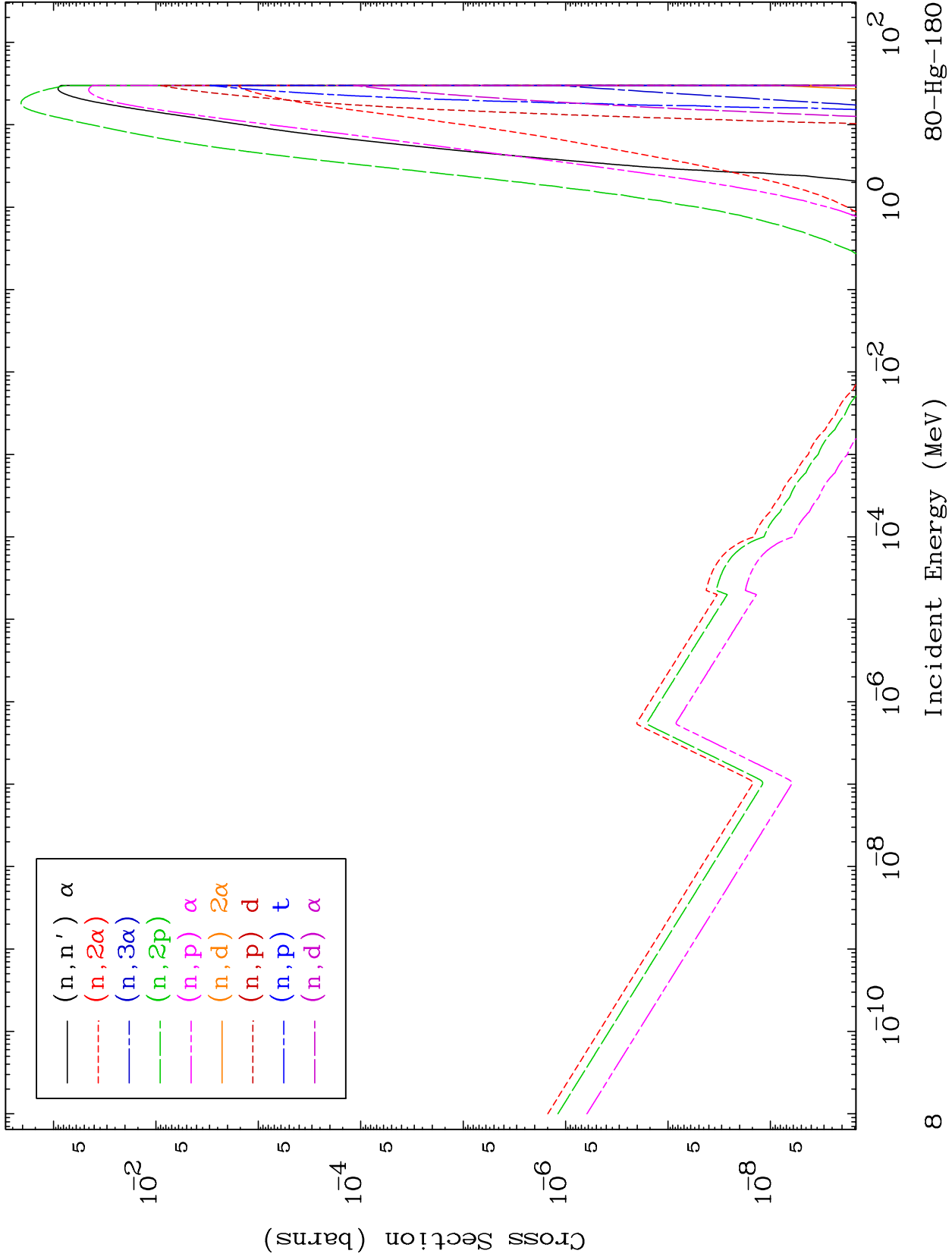
80-Hg-180



MAT 7977

Charged Particle
293 Kelvin Cross Sections

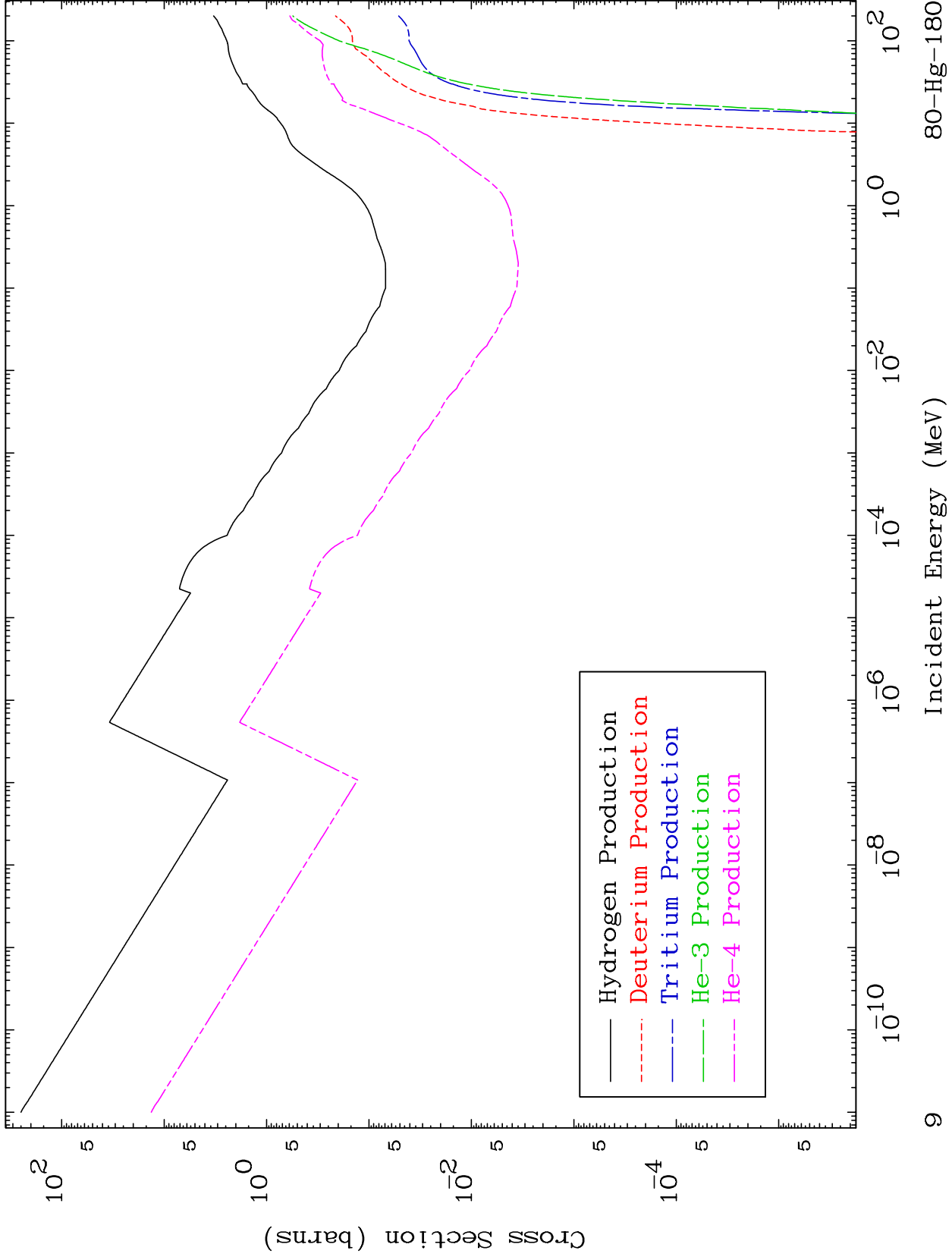
80-Hg-180



MAT 7977

Particle Production
293 Kelvin Cross Sections

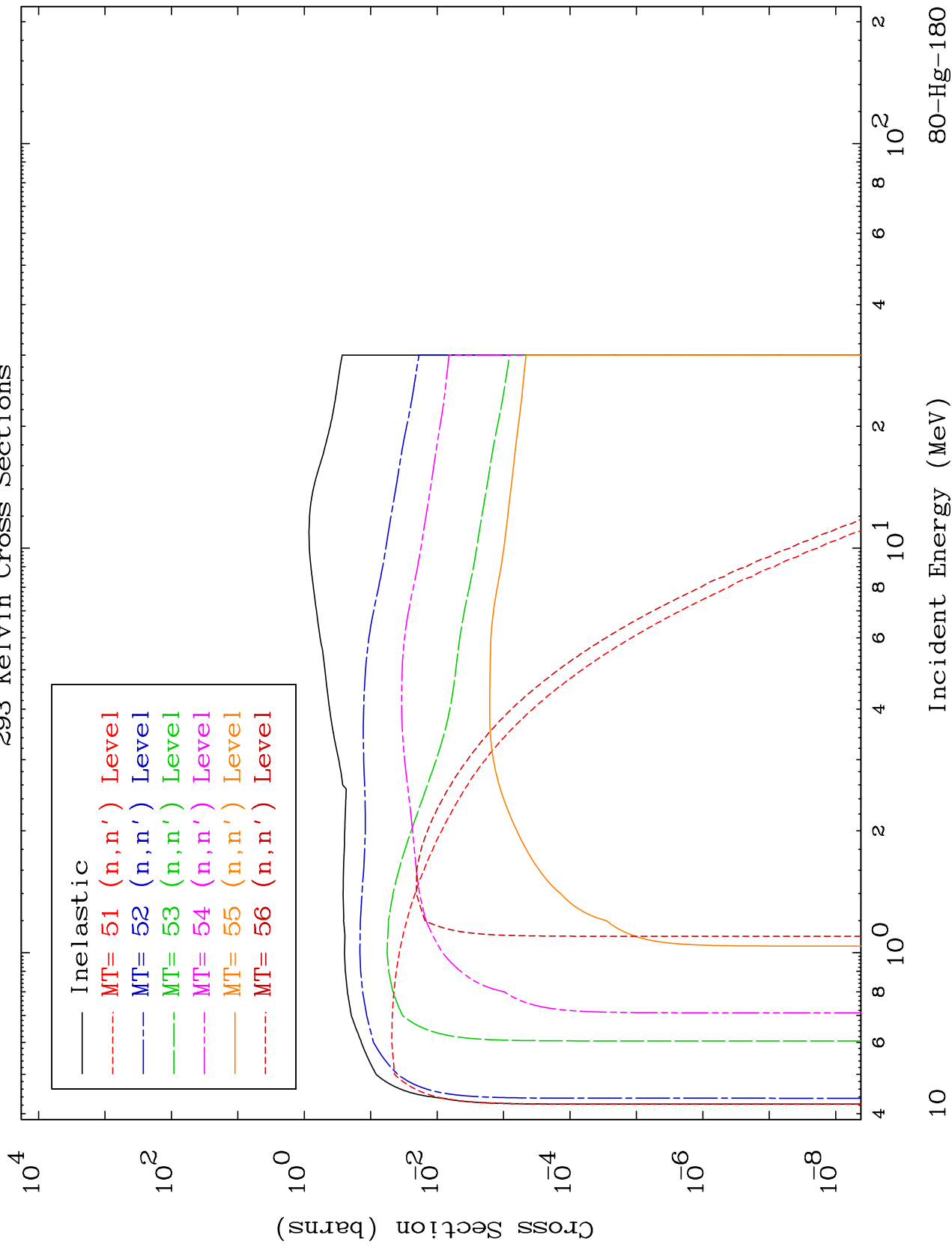
80-Hg-180

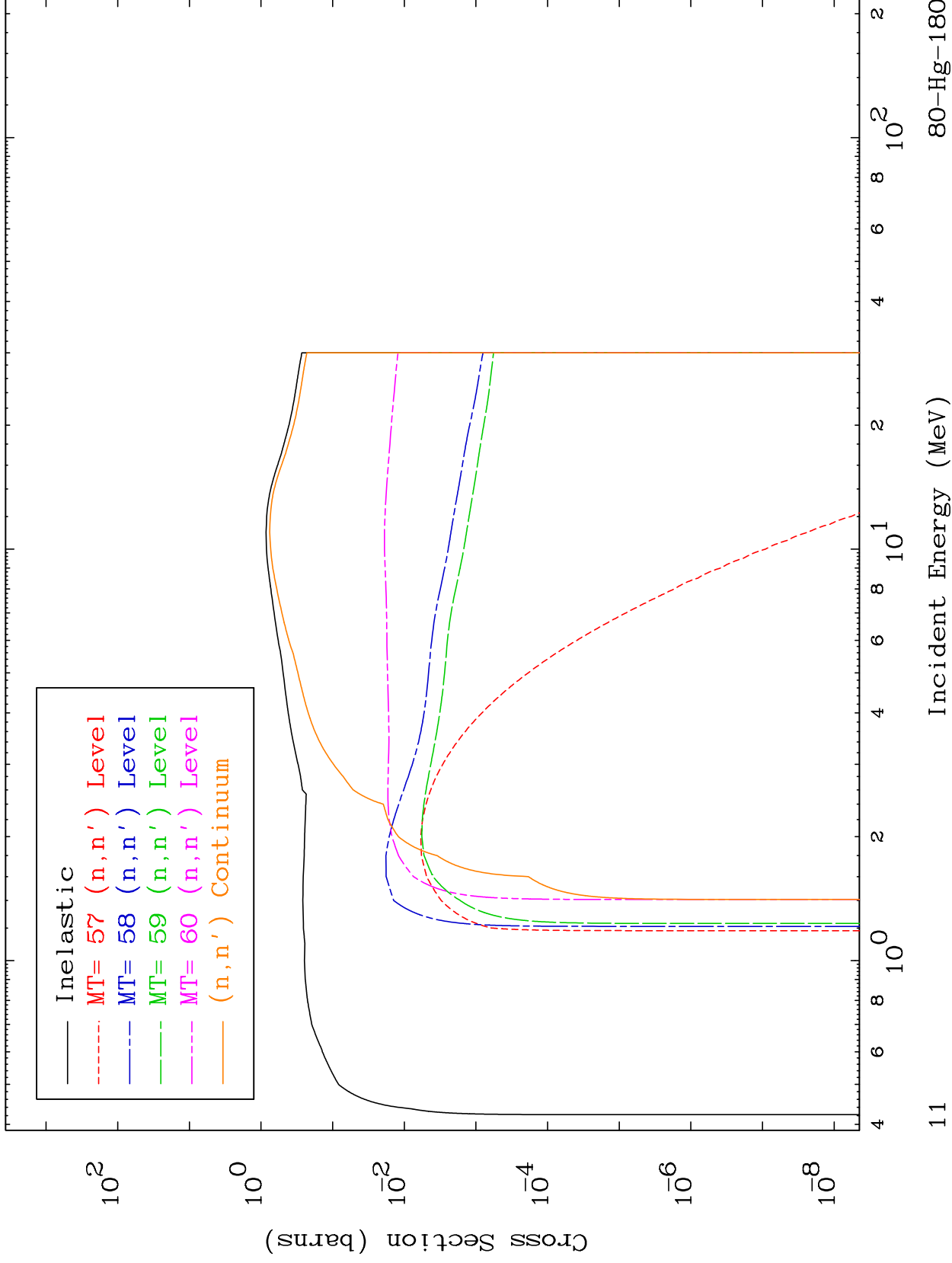


MAT 7977

(n,n') Levels
293 Kelvin Cross Sections

80-Hg-180

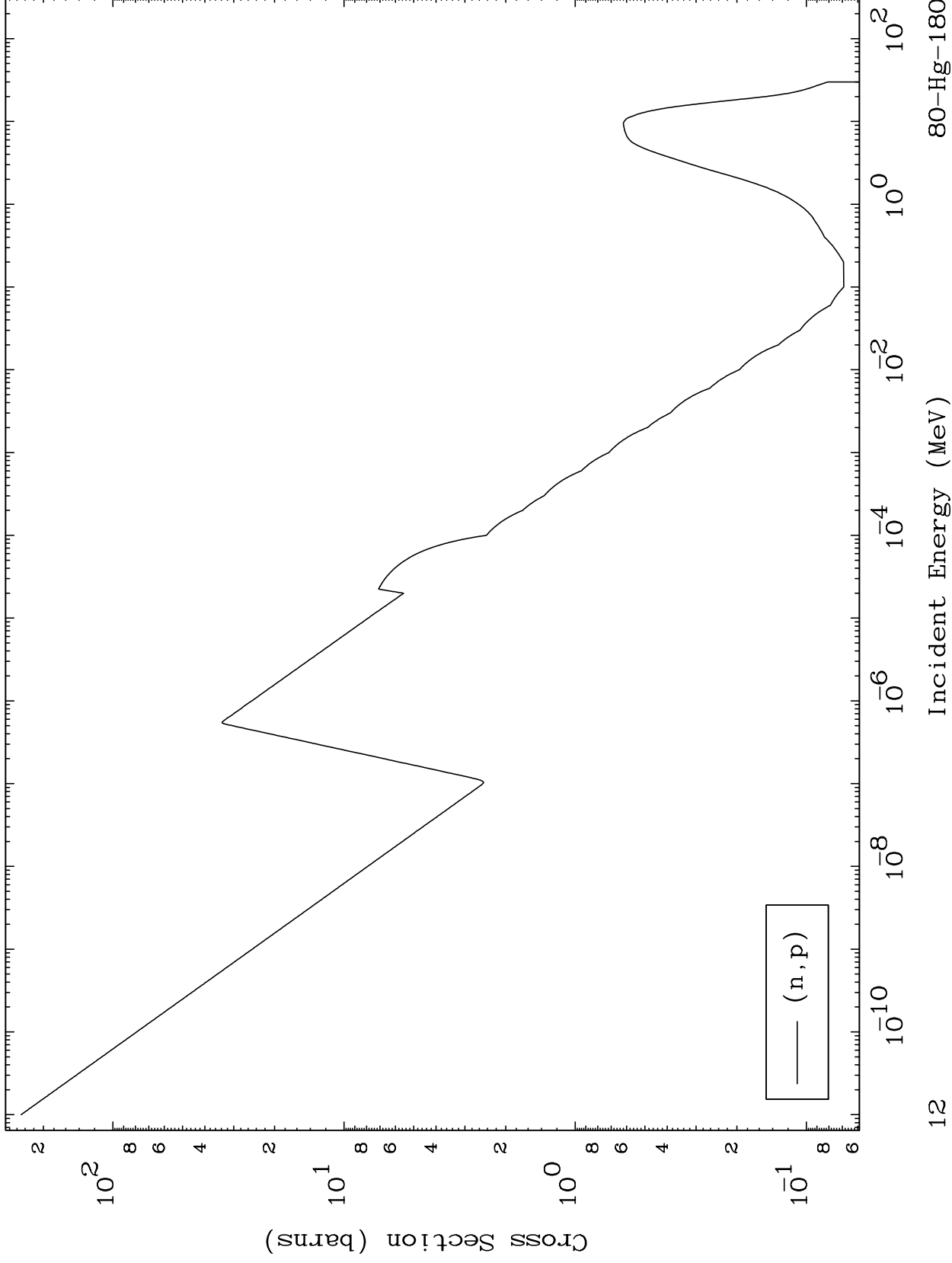




MAT 7977

(n,p) Levels
293 Kelvin Cross Sections

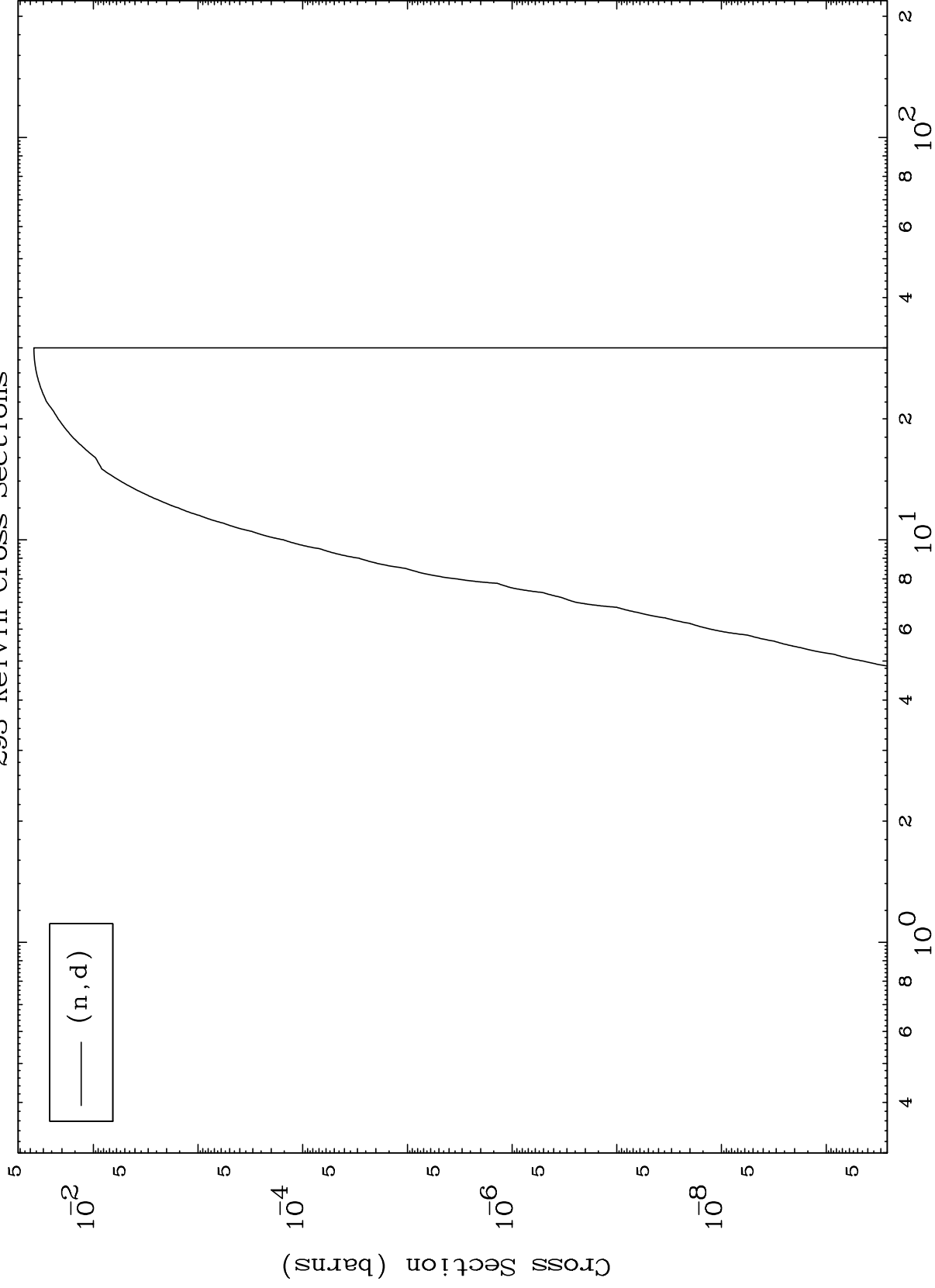
80-Hg-180



MAT 7977

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-180



13

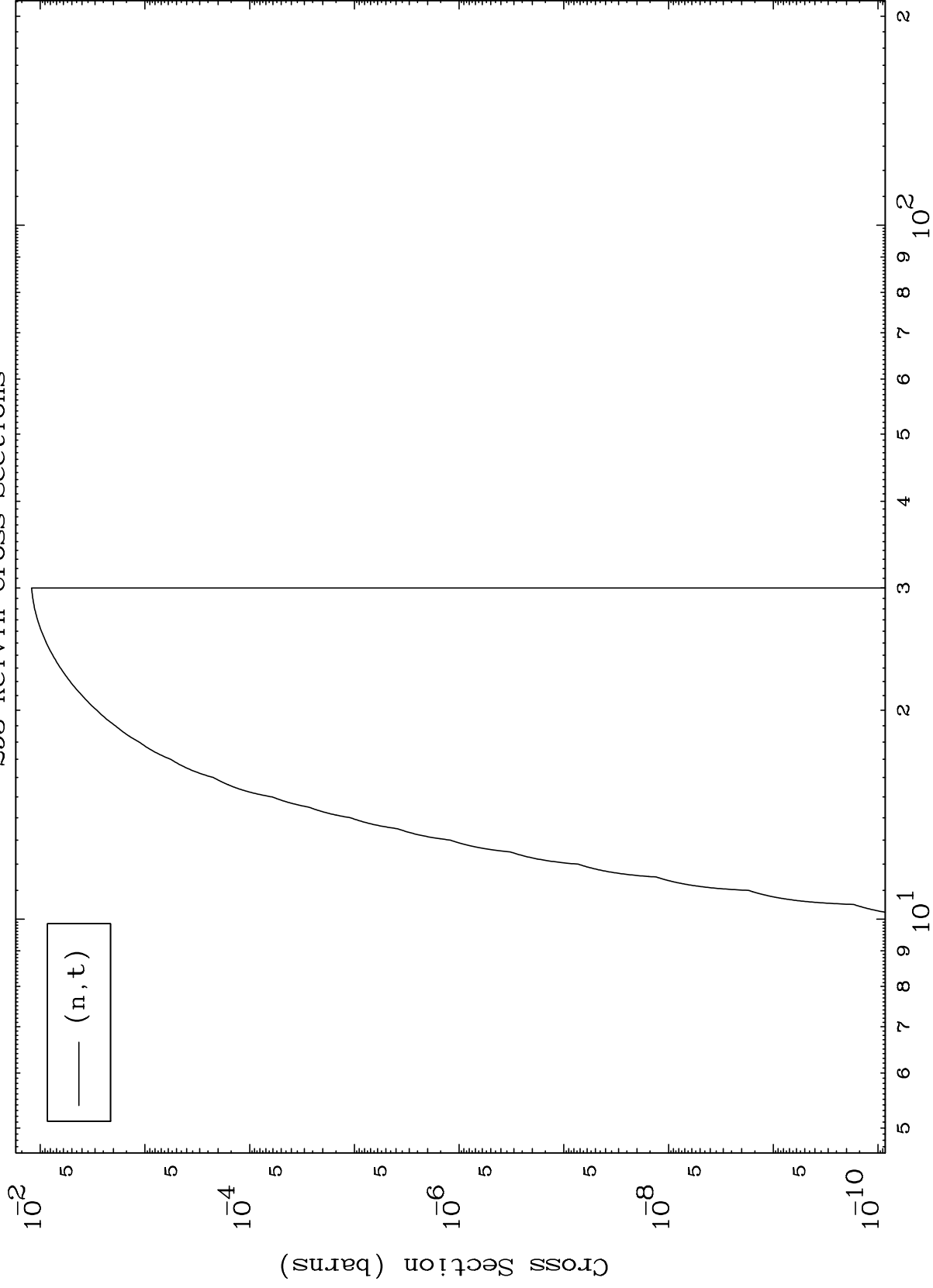
Incident Energy (MeV)

80-Hg-180

MAT 7977

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-180



14

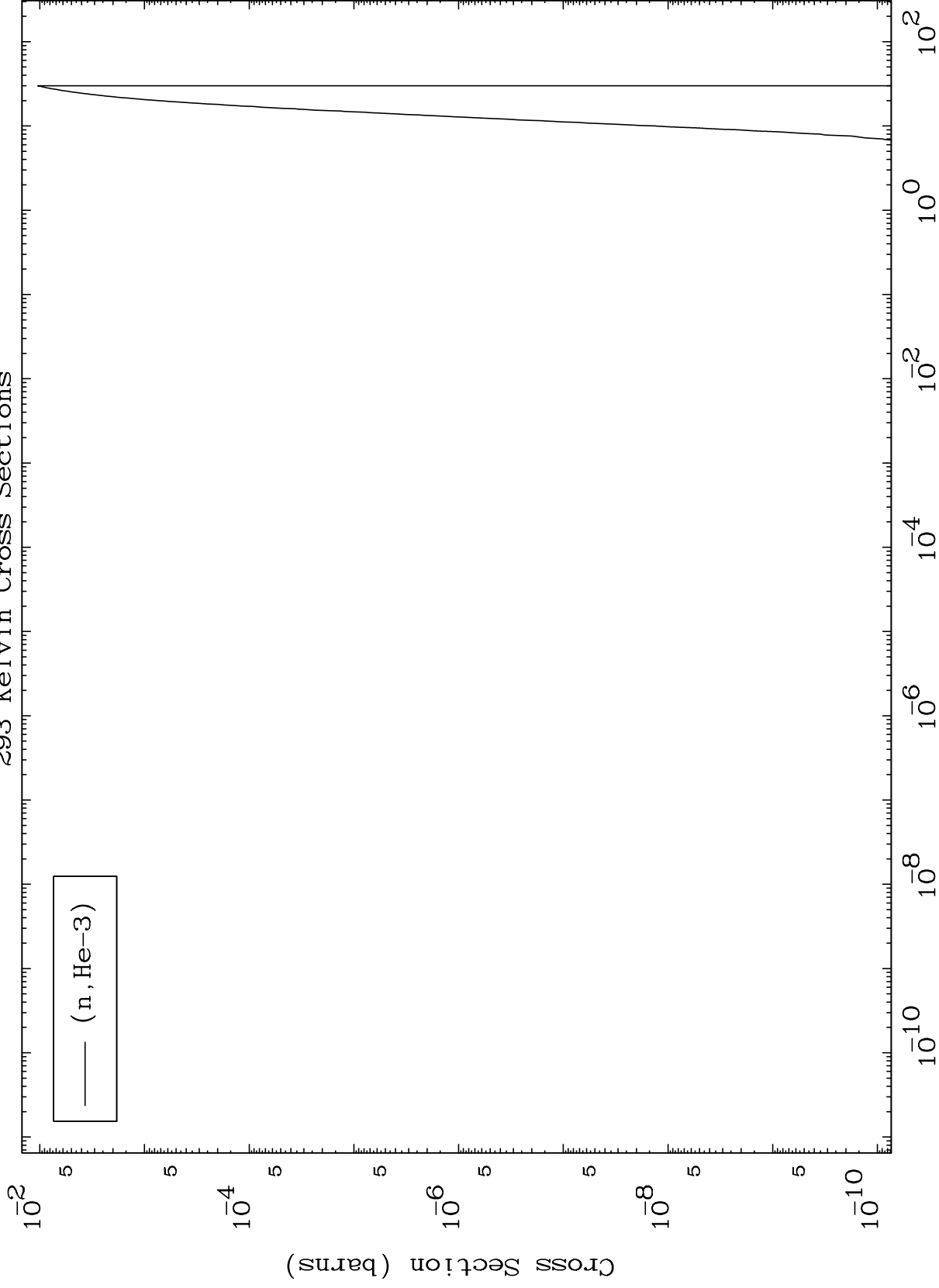
Incident Energy (MeV)

80-Hg-180

MAT 7977

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-180



15

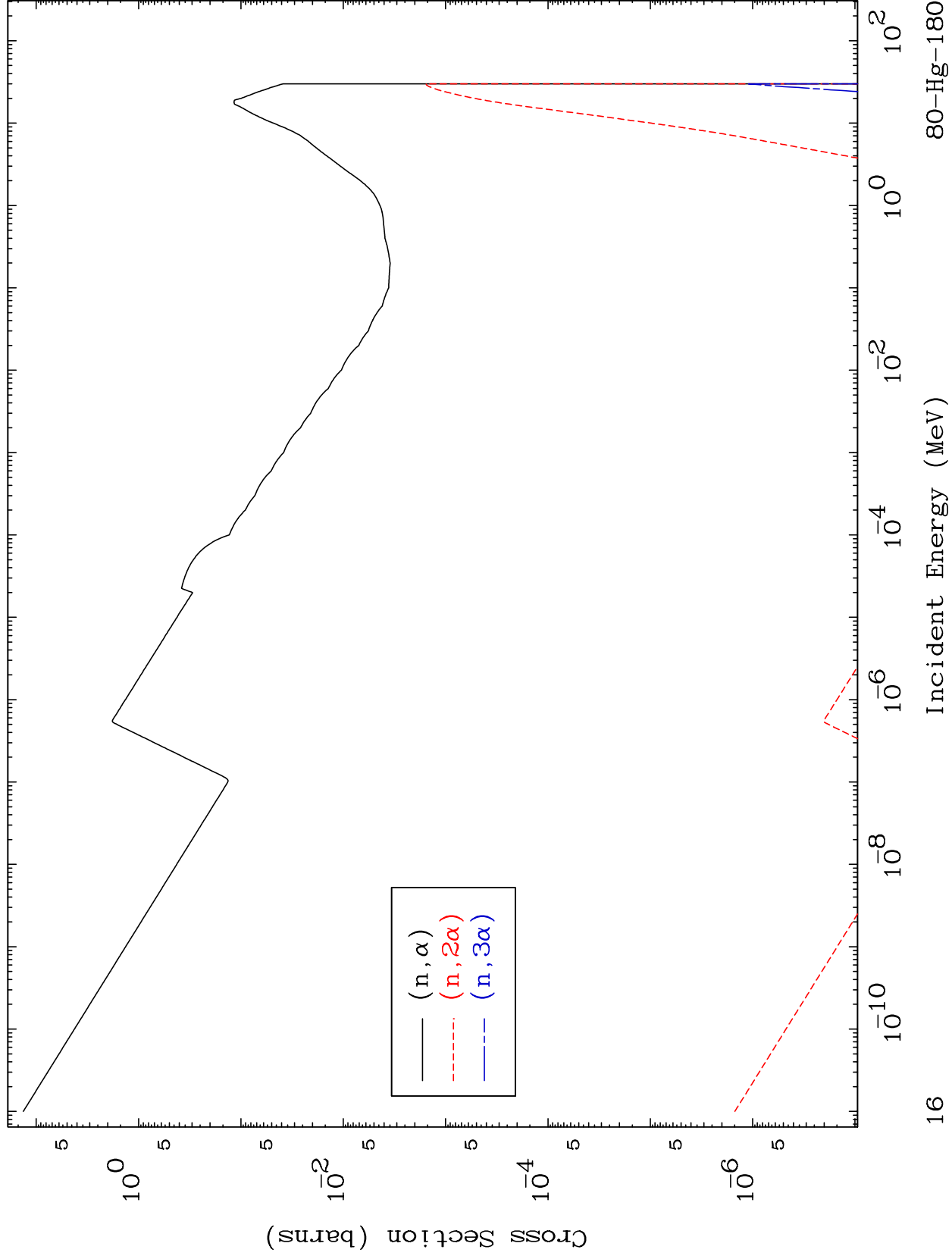
Incident Energy (MeV)

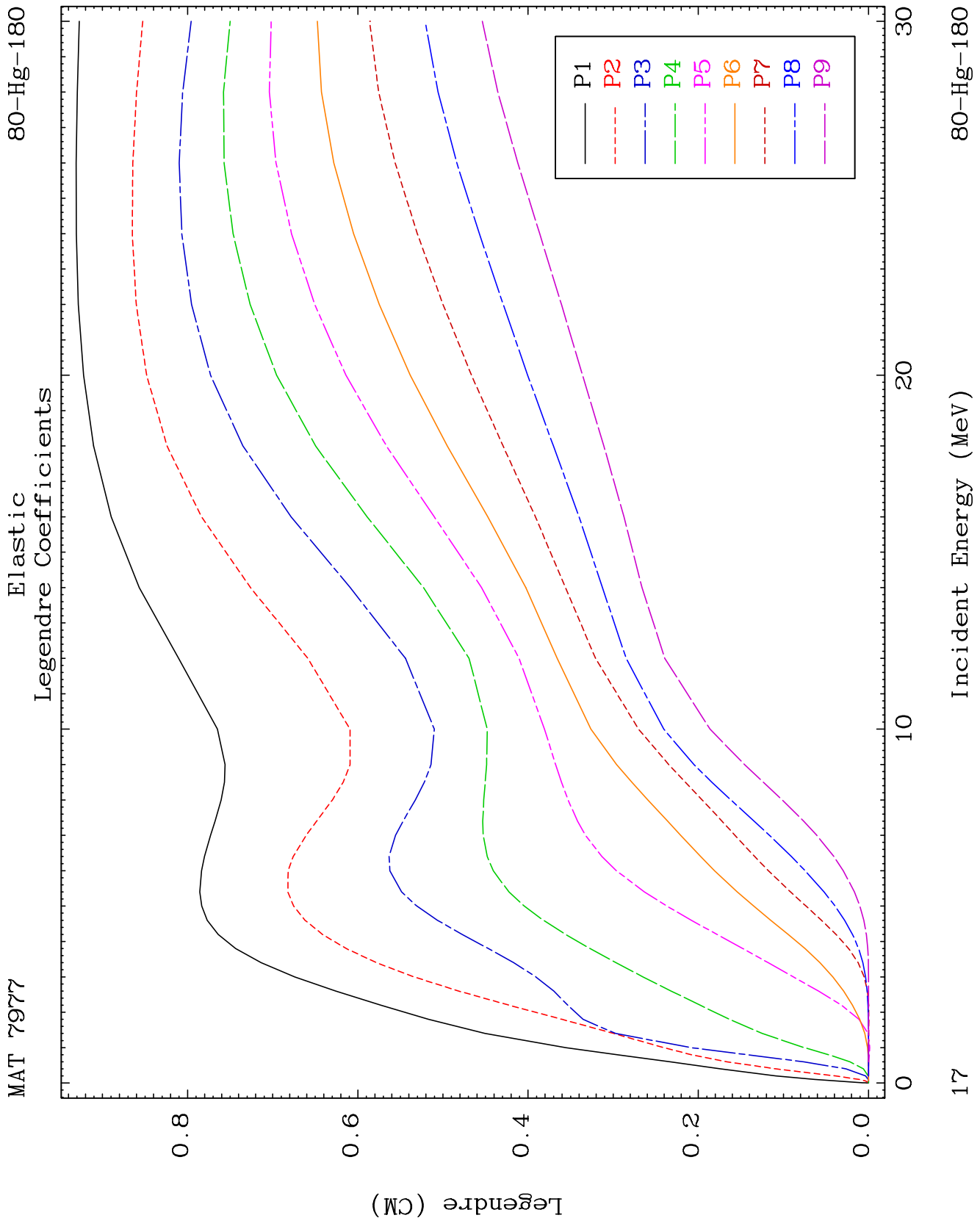
80-Hg-180

MAT 7977

(n, α) Levels
293 Kelvin Cross Sections

80-Hg-180

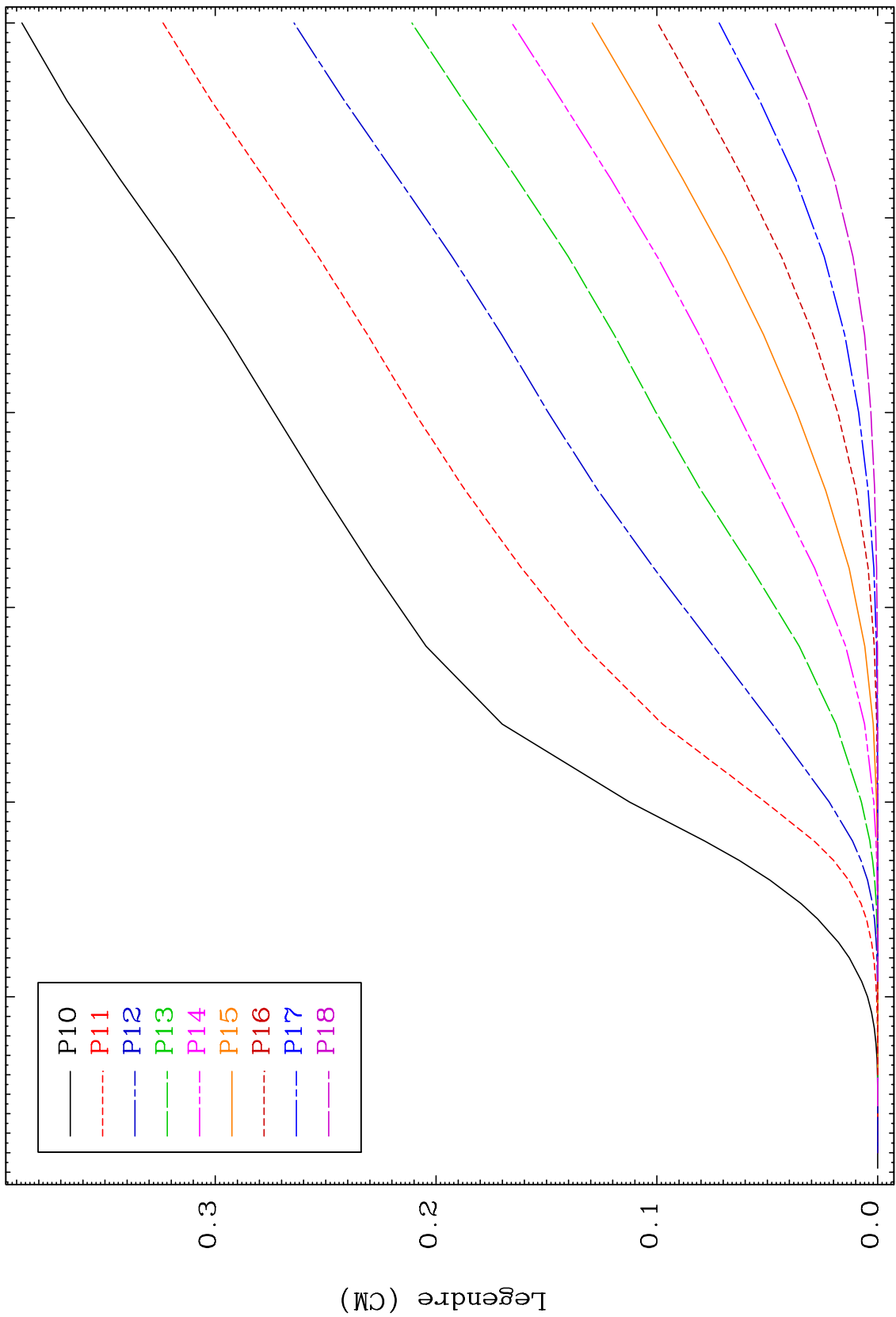




MAT 7977

Elastic Legendre Coefficients

80-Hg-180



18

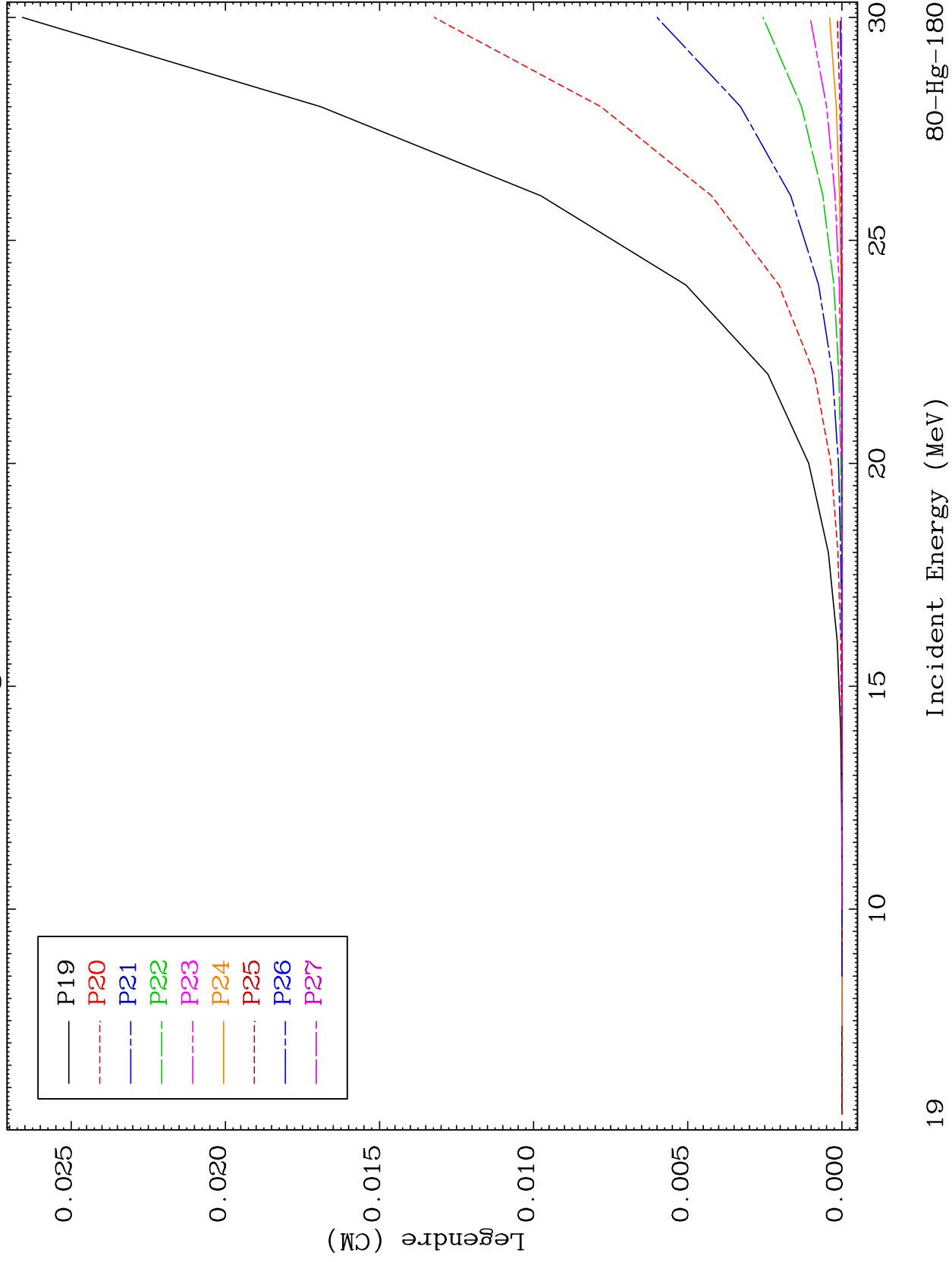
Incident Energy (MeV)

80-Hg-180

MAT 7977

Elastic Legendre Coefficients

80-Hg-180



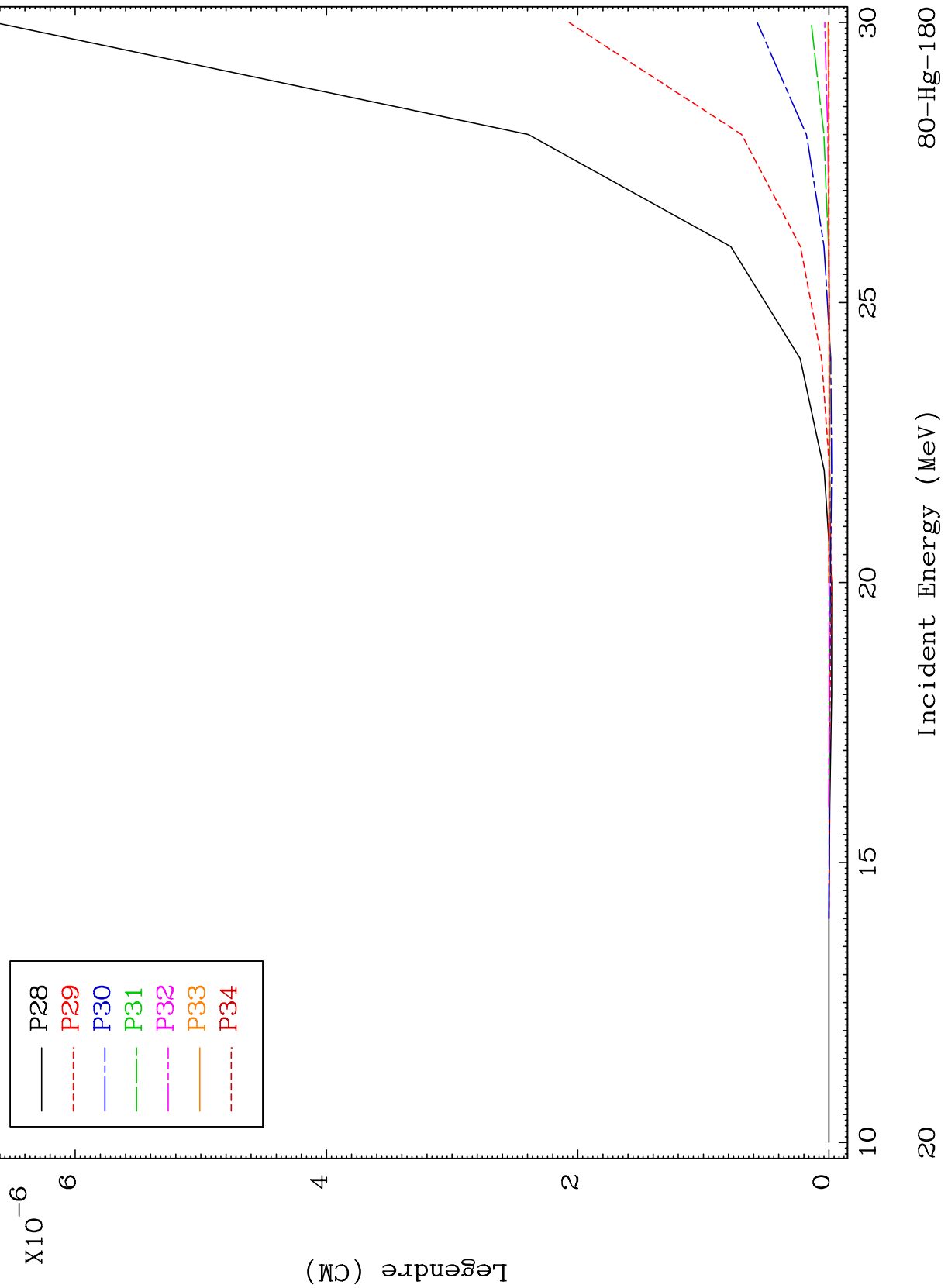
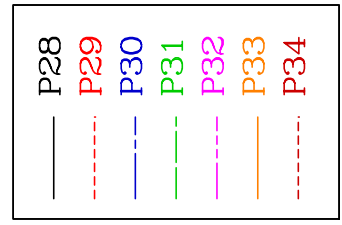
19

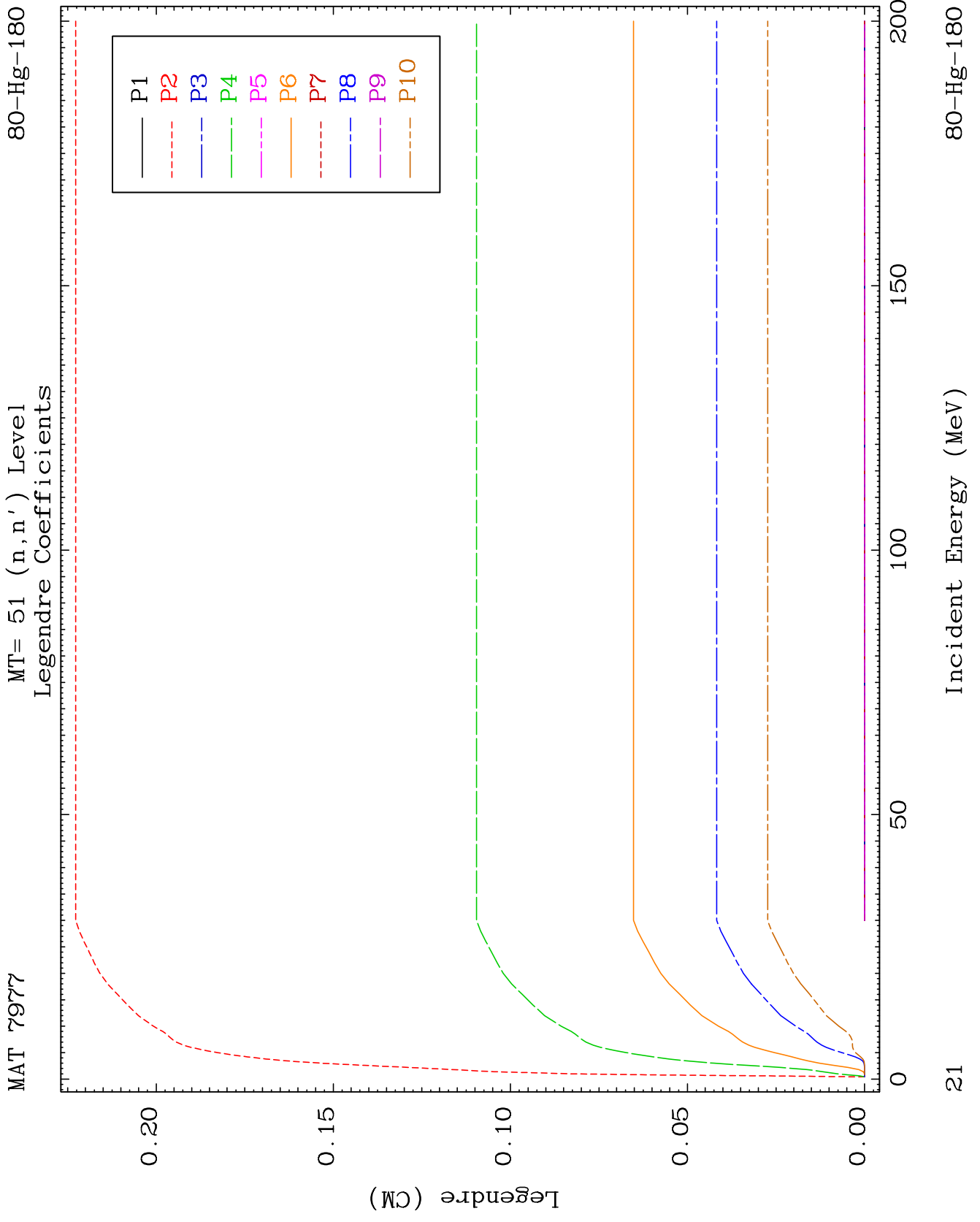
80-Hg-180

MAT 7977

Elastic Legendre Coefficients

80-Hg-180

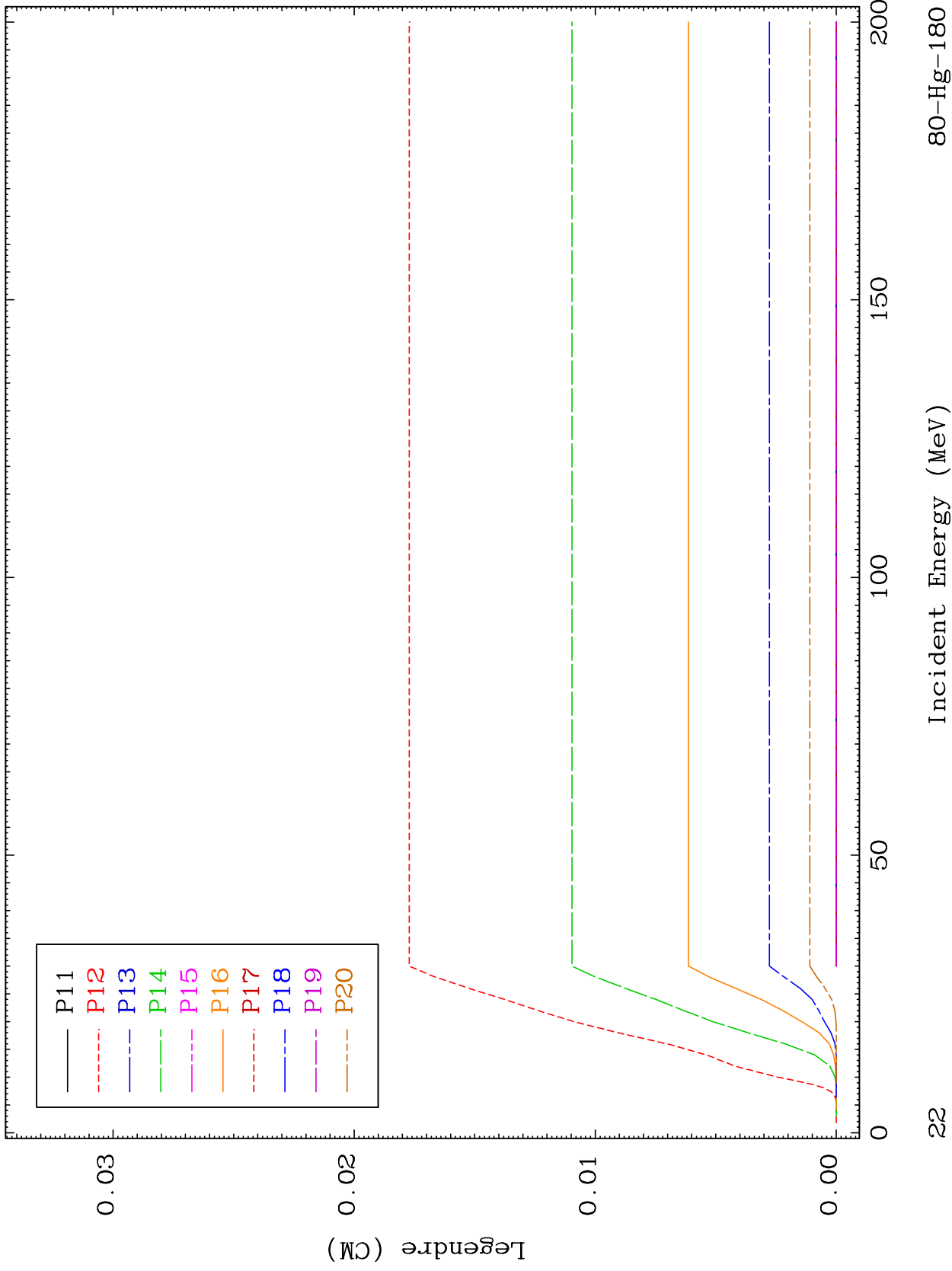


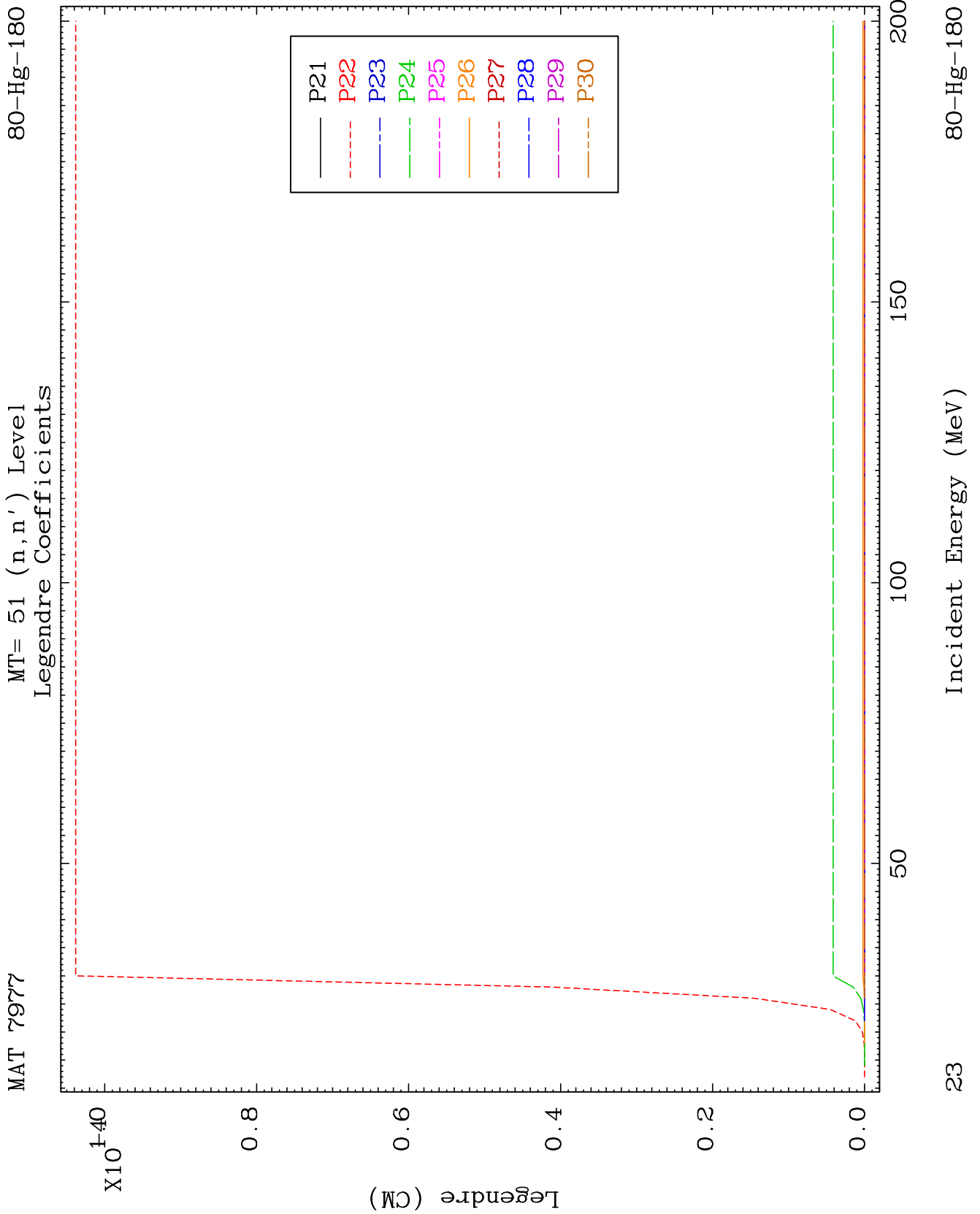


MAT 79777

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

80-Hg-180

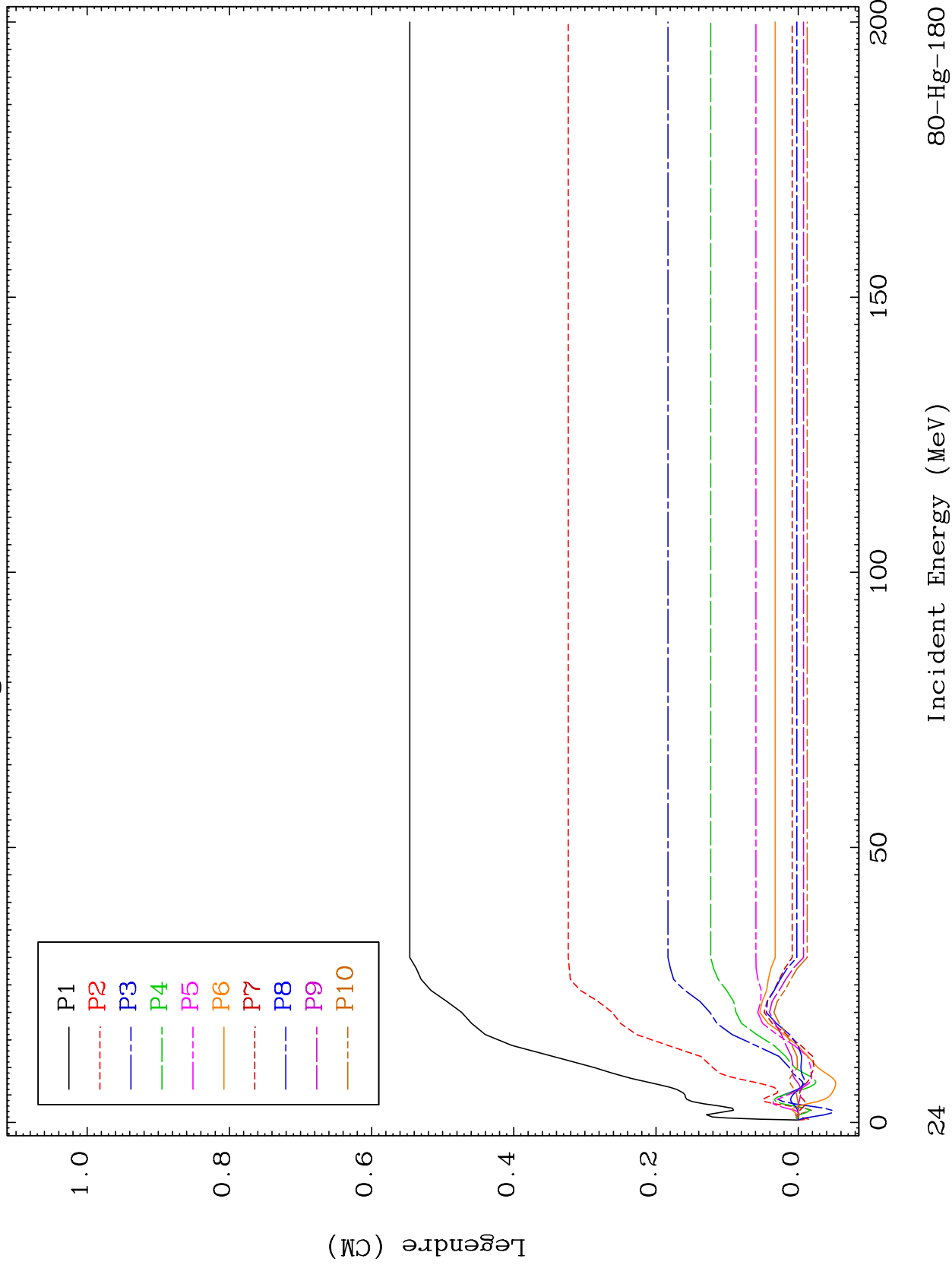




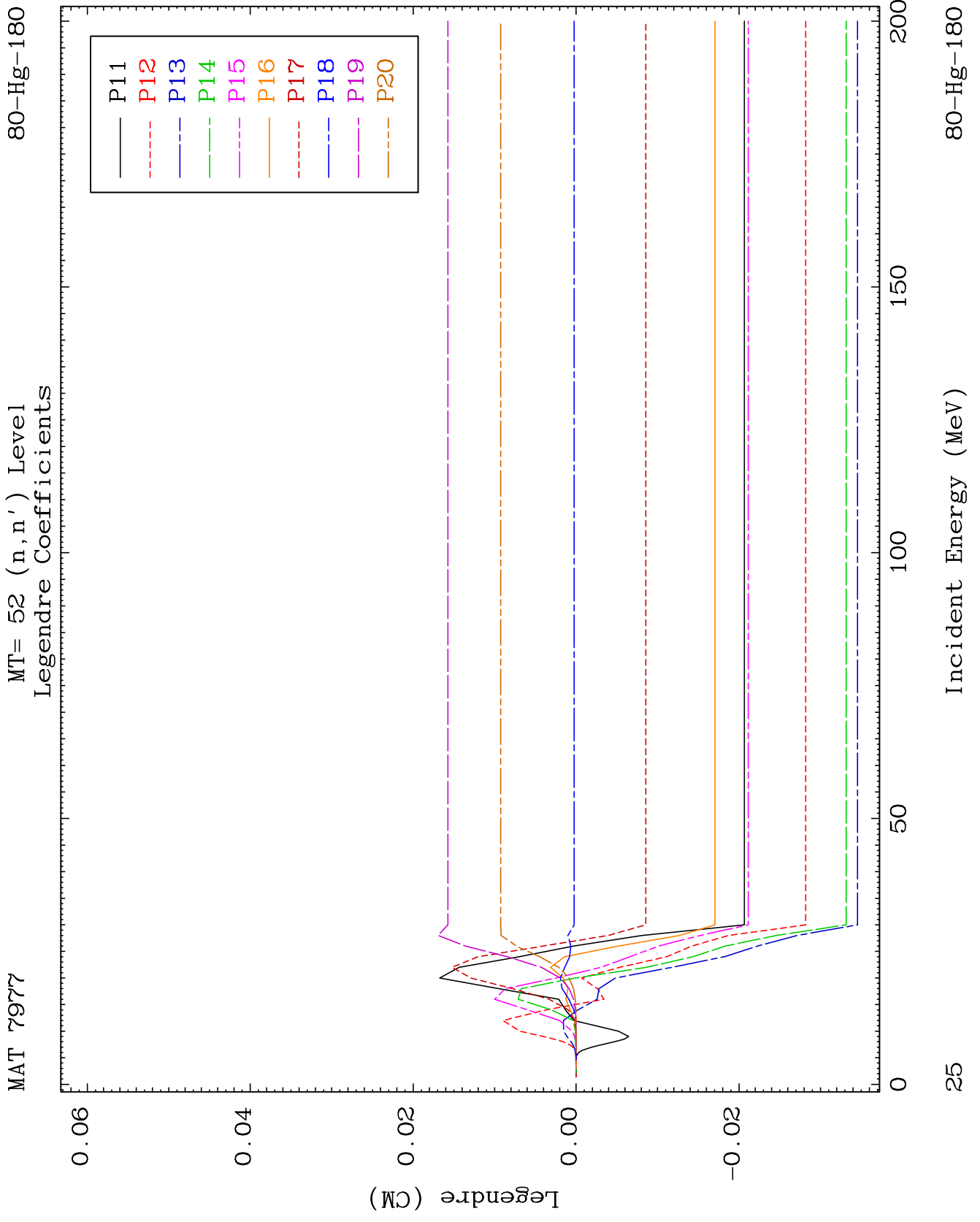
MAT 7977

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

80-Hg-180



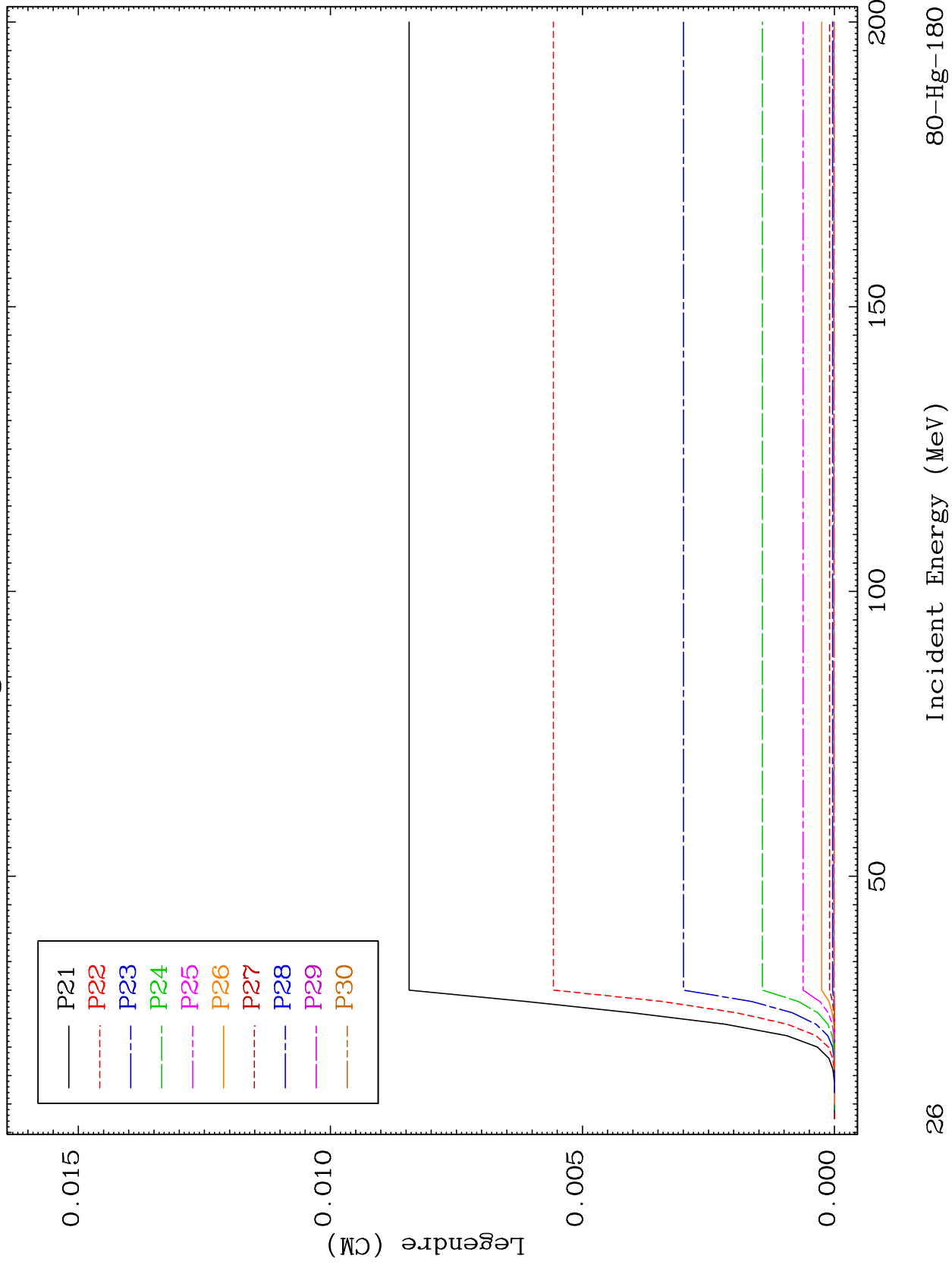
24



MAT 7977

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

80-Hg-180

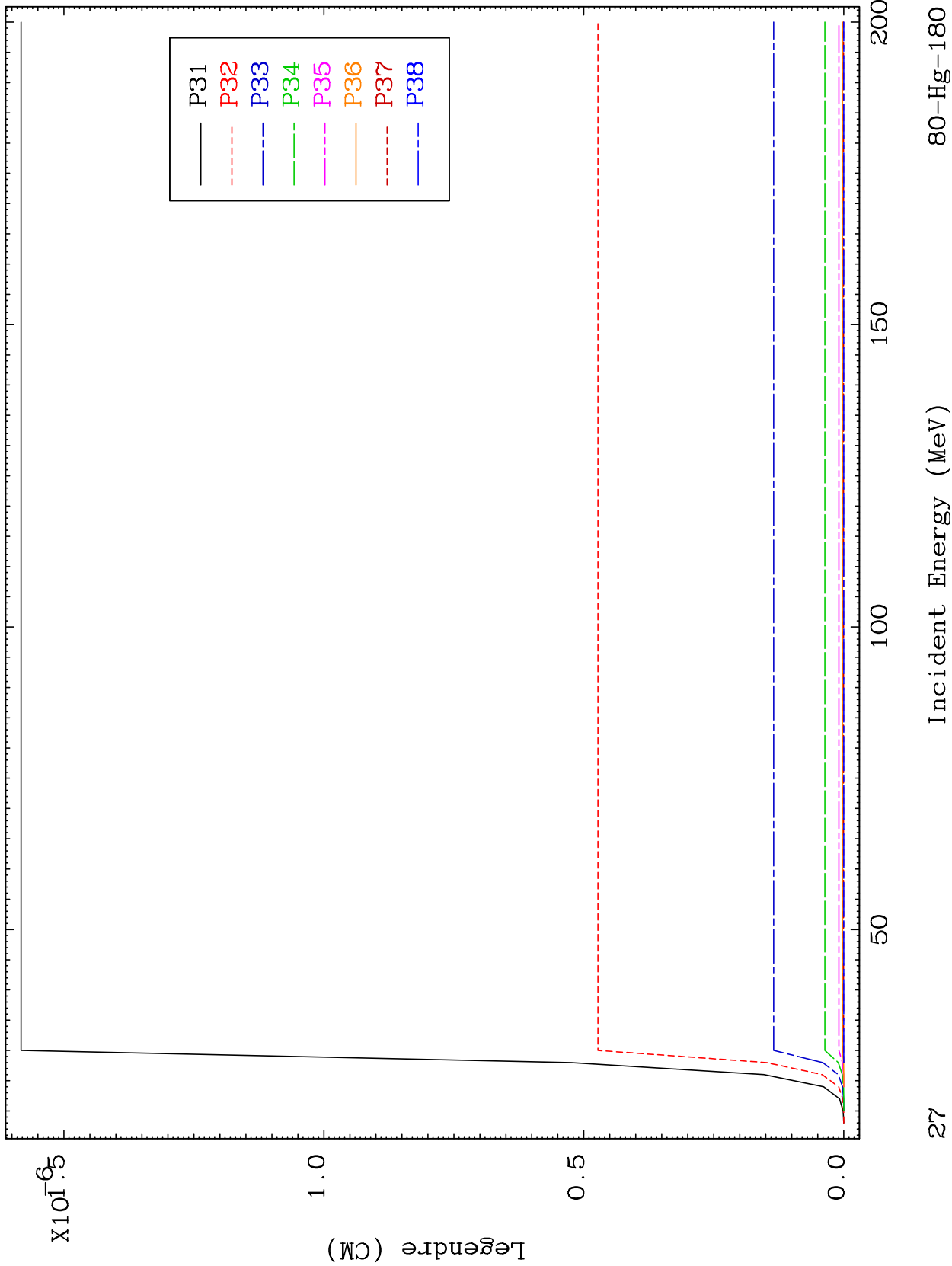


26

MAT 7977

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

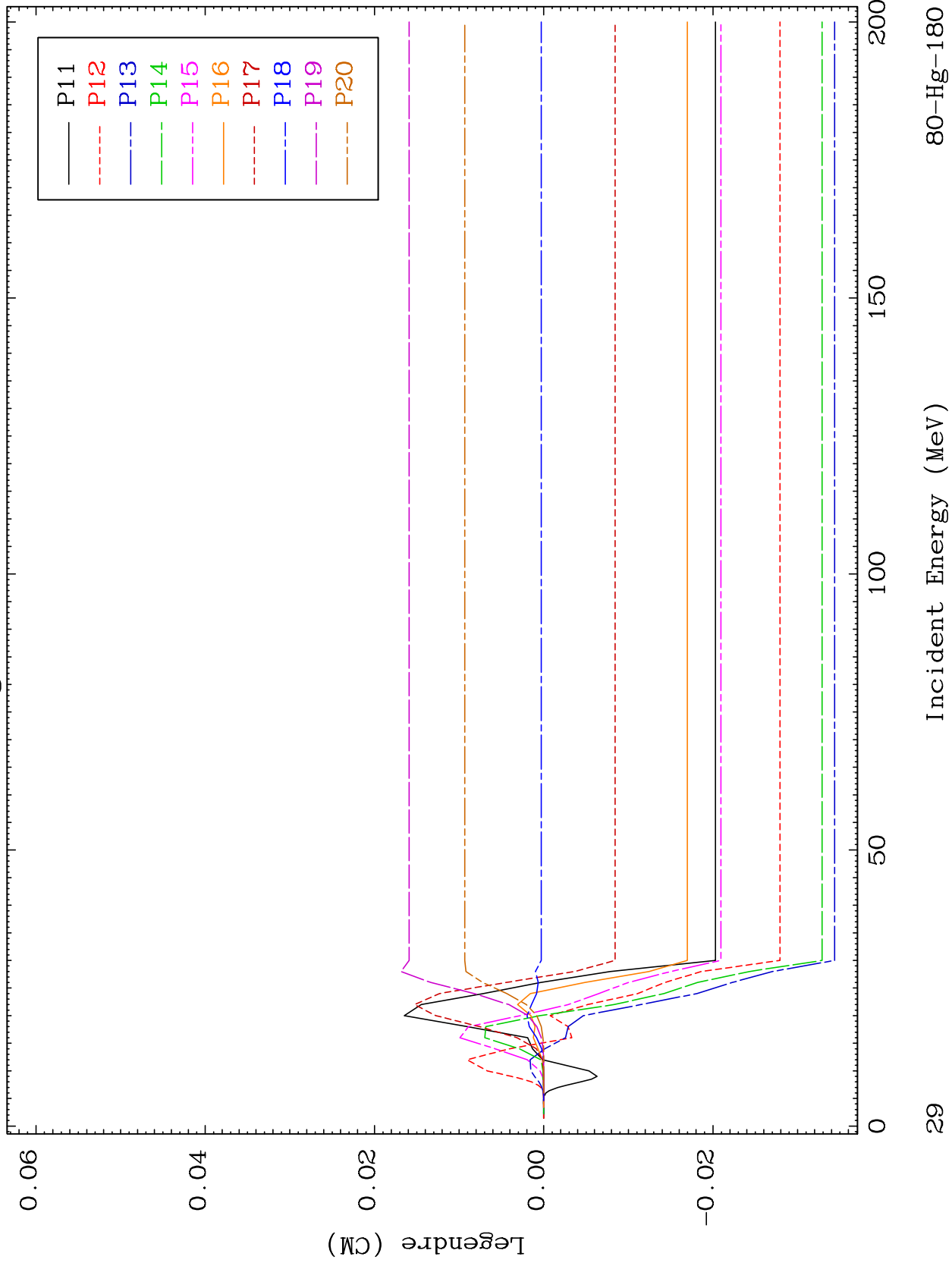
80-Hg-180



MAT 7977

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

80-Hg-180



29

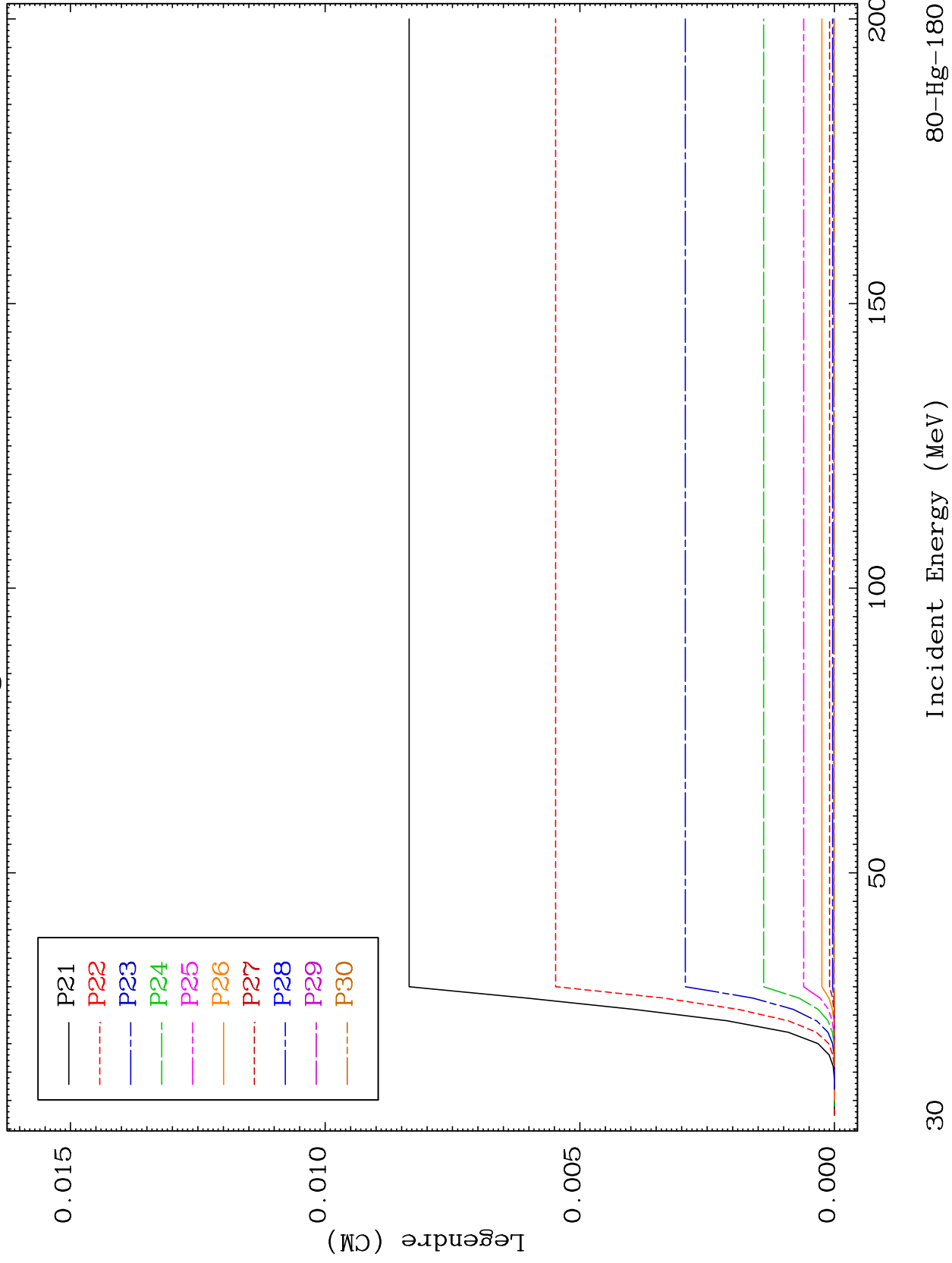
Incident Energy (MeV)

80-Hg-180

MAT 79777

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

80-Hg-180



30

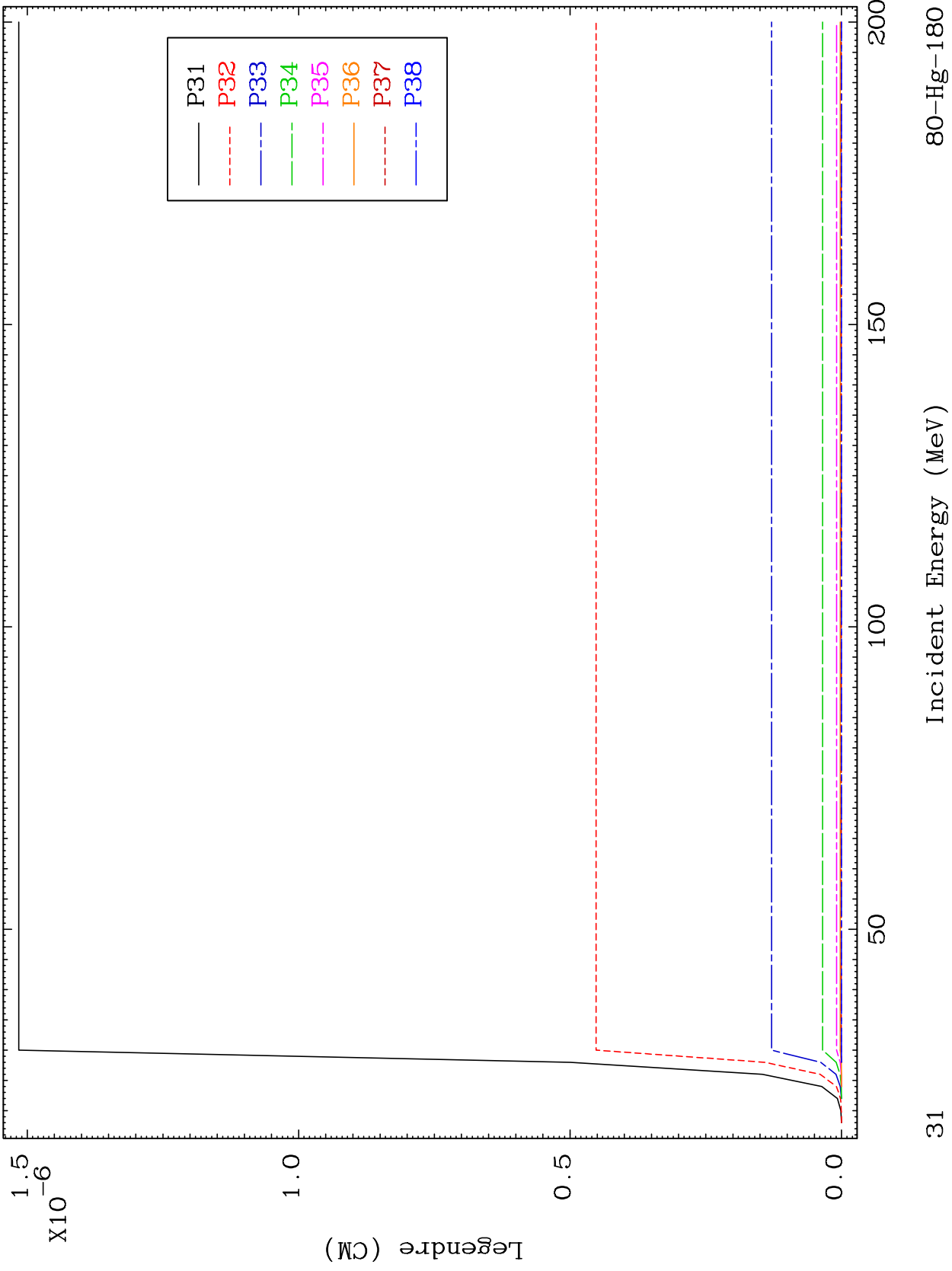
Incident Energy (MeV)

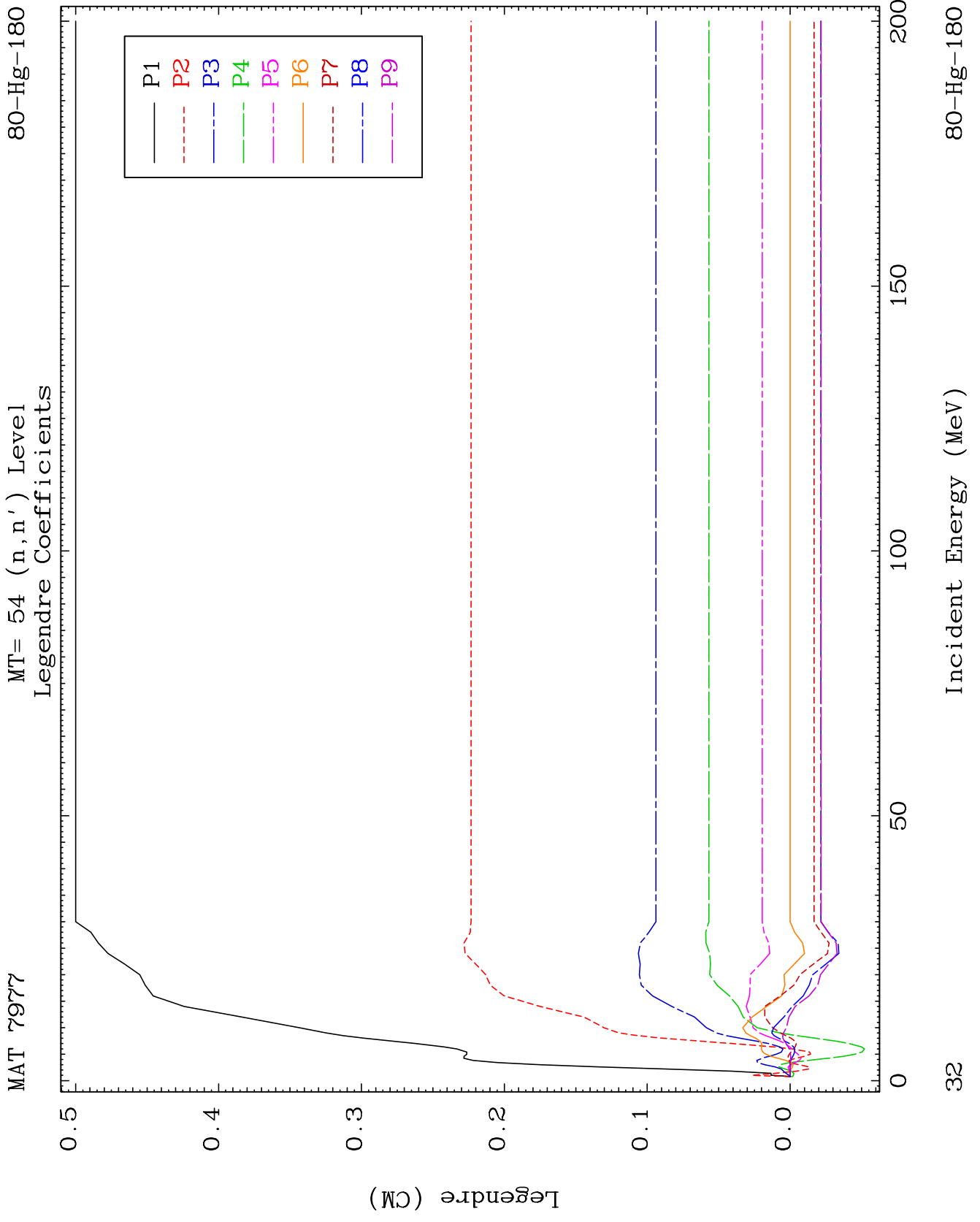
80-Hg-180

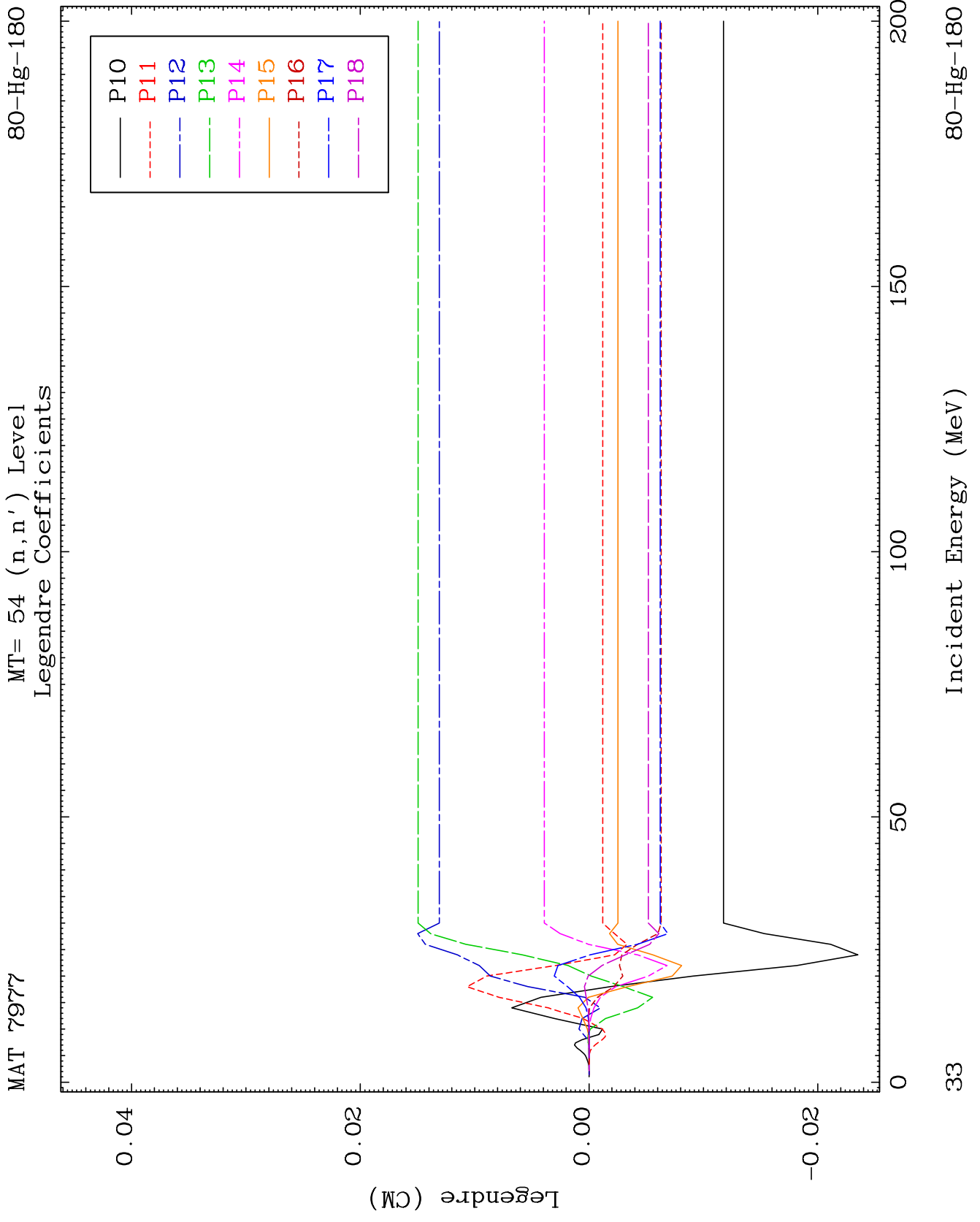
MAT 7977

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

80-Hg-180



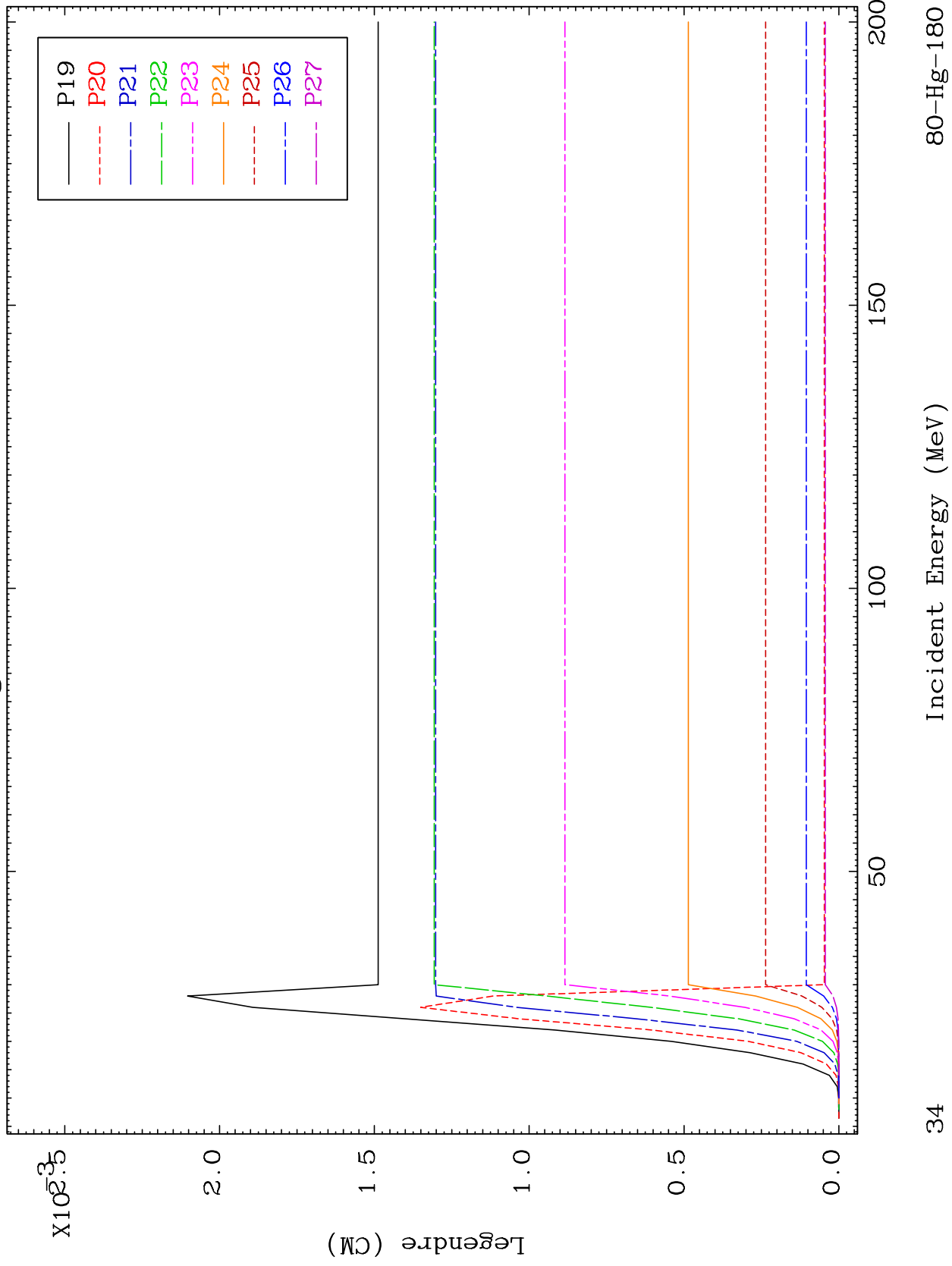




MAT 7977

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

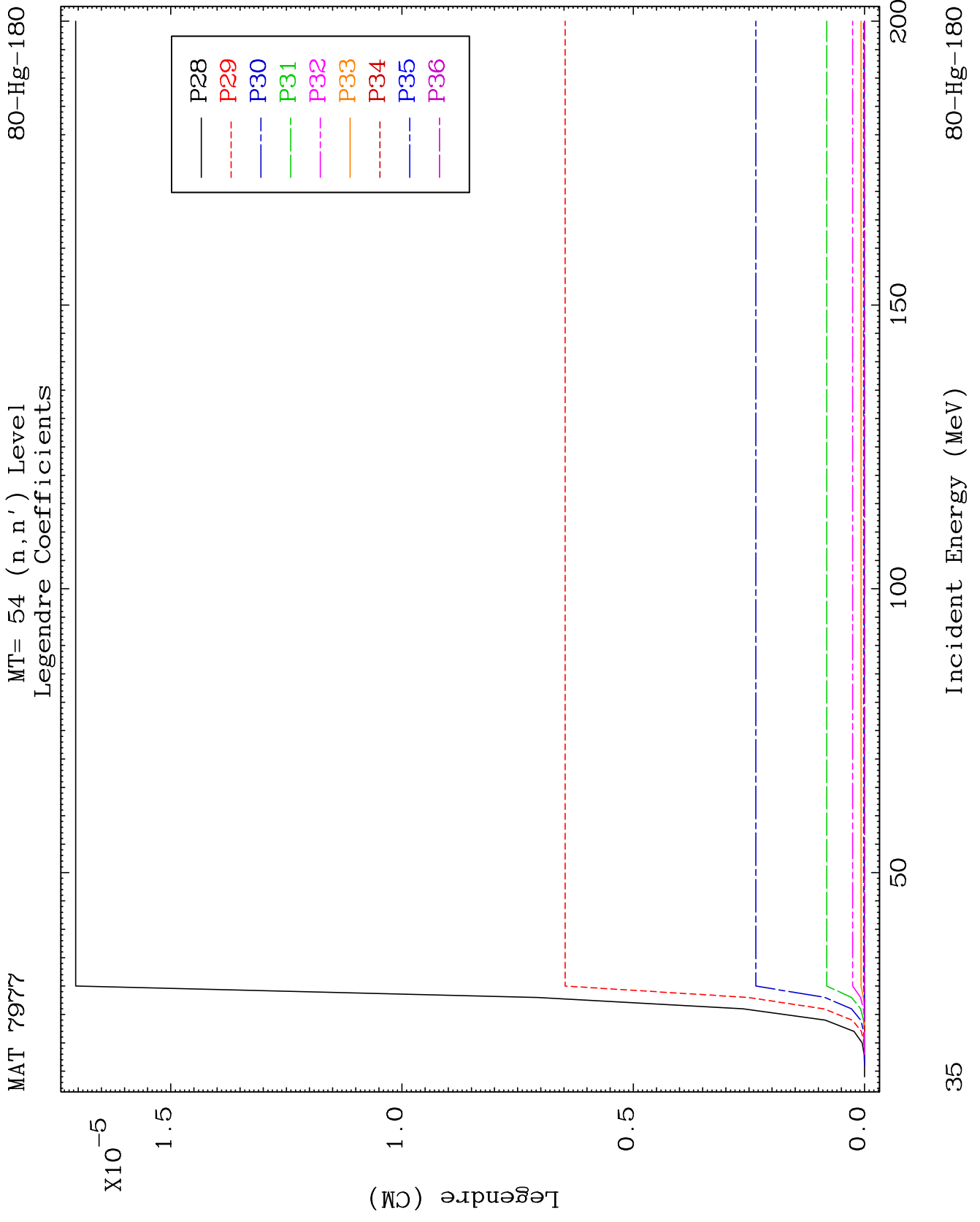
80-Hg-180



34

Incident Energy (MeV)

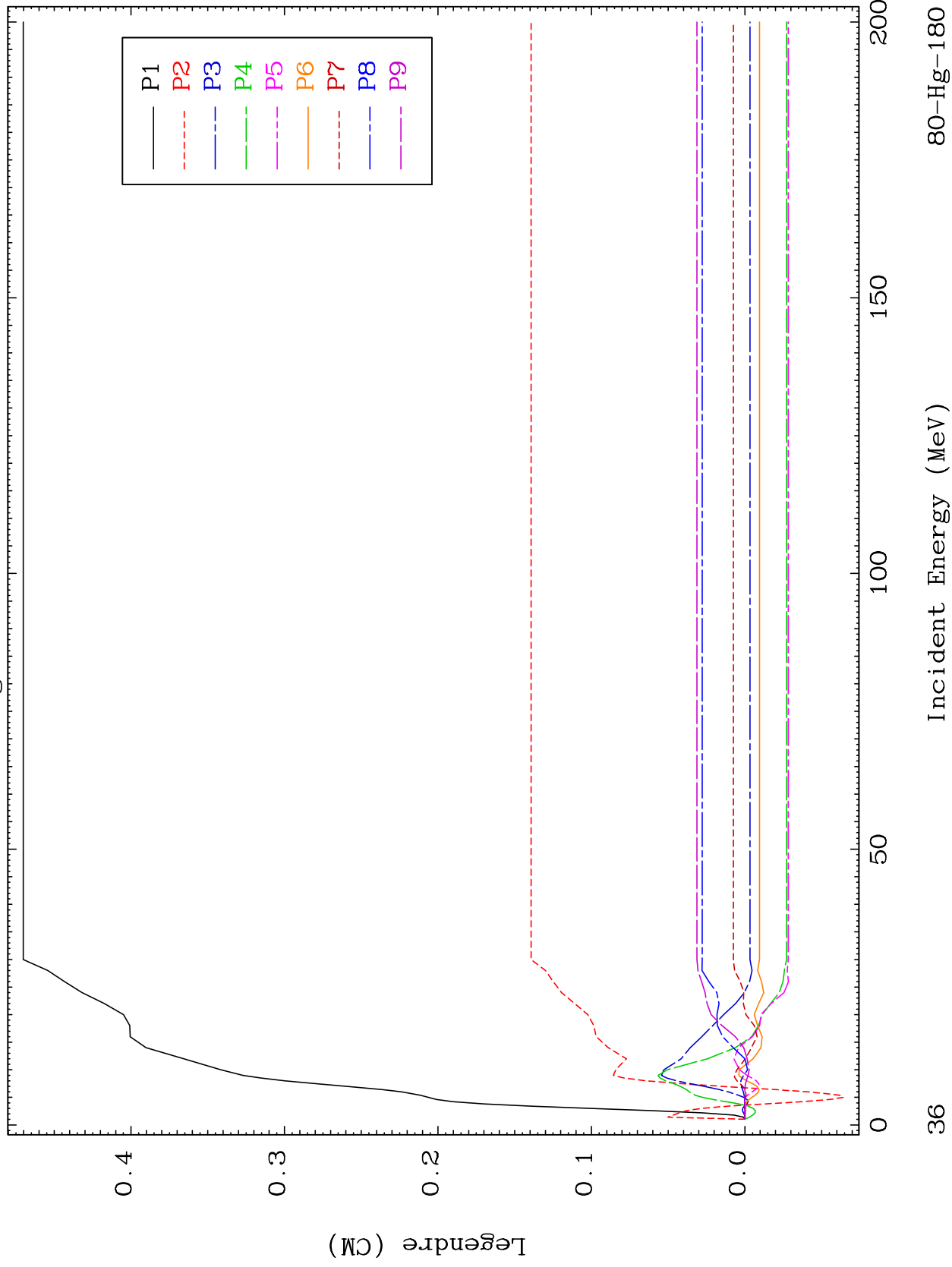
80-Hg-180



MAT 7977

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

80-Hg-180



36

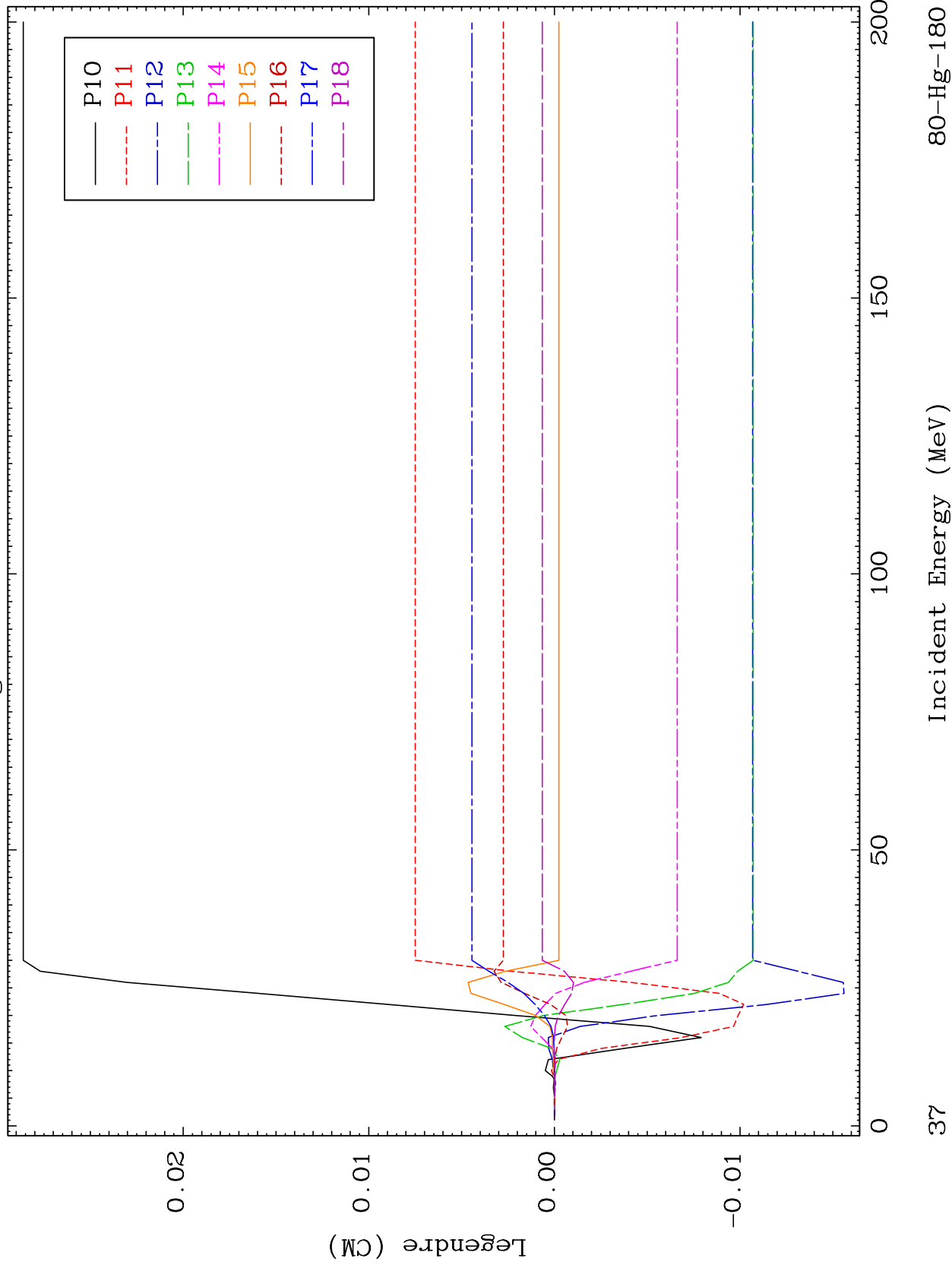
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

80-Hg-180



80-Hg-180

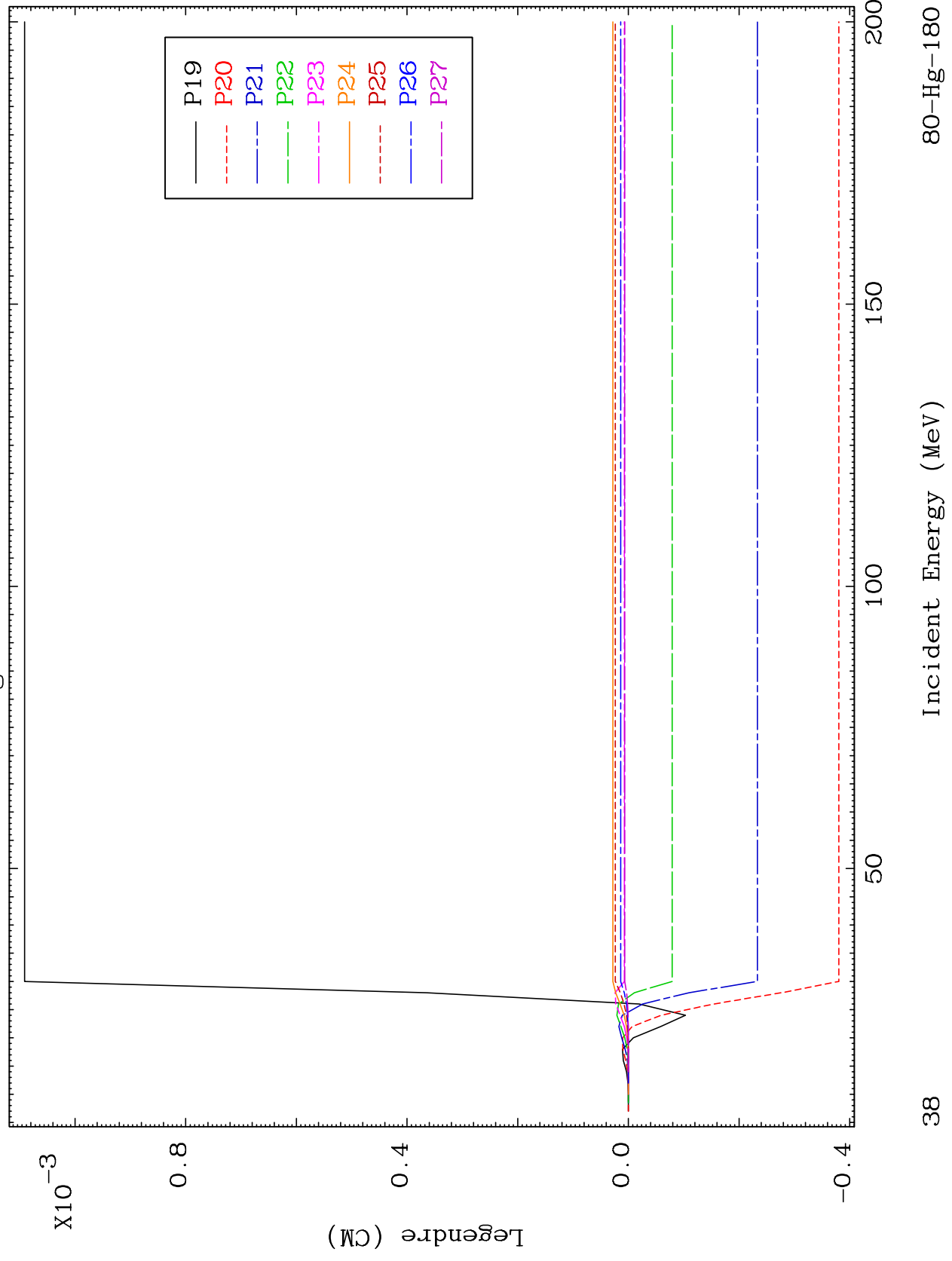
Incident Energy (MeV)

37

MAT 7977

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

80-Hg-180



38

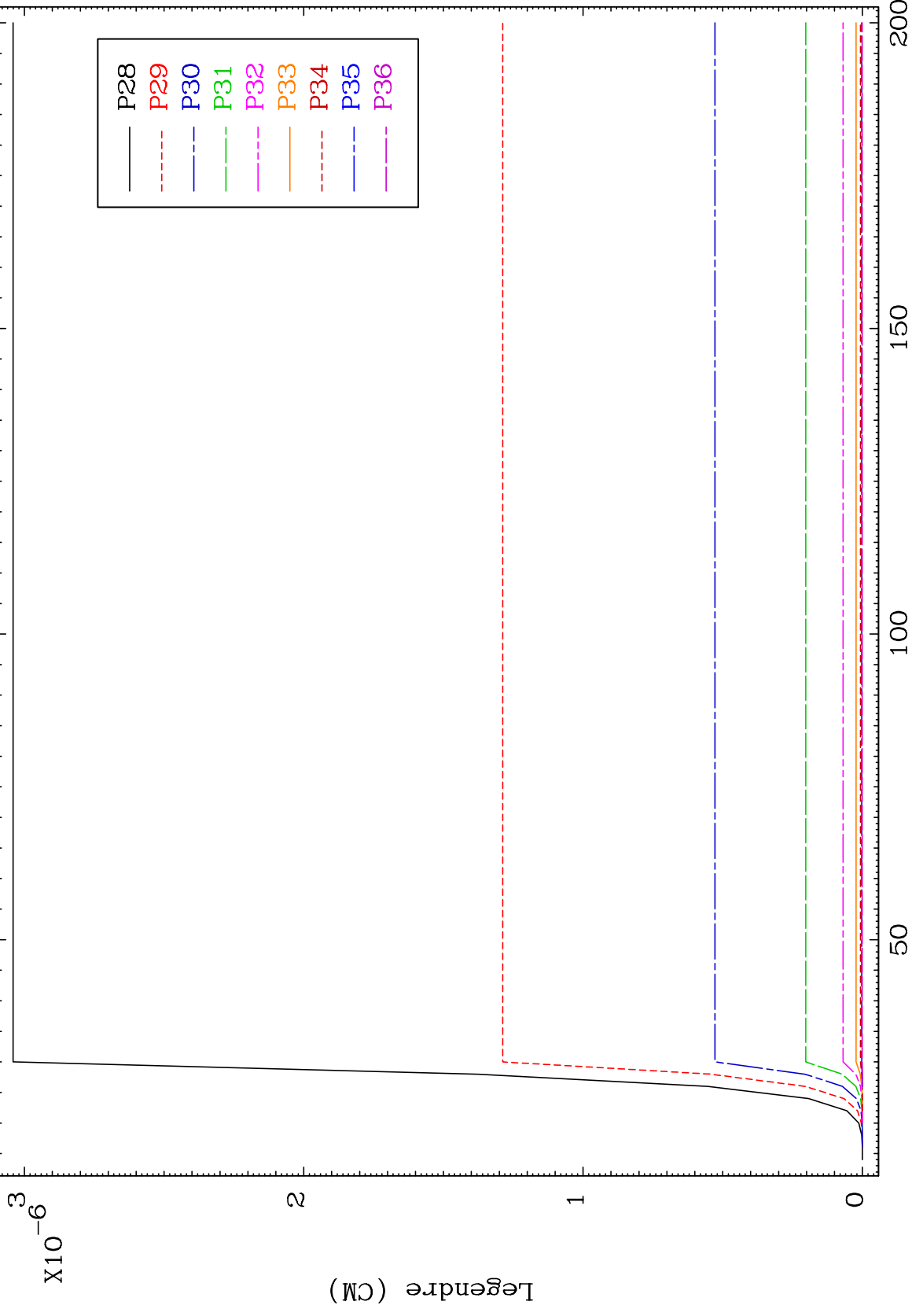
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

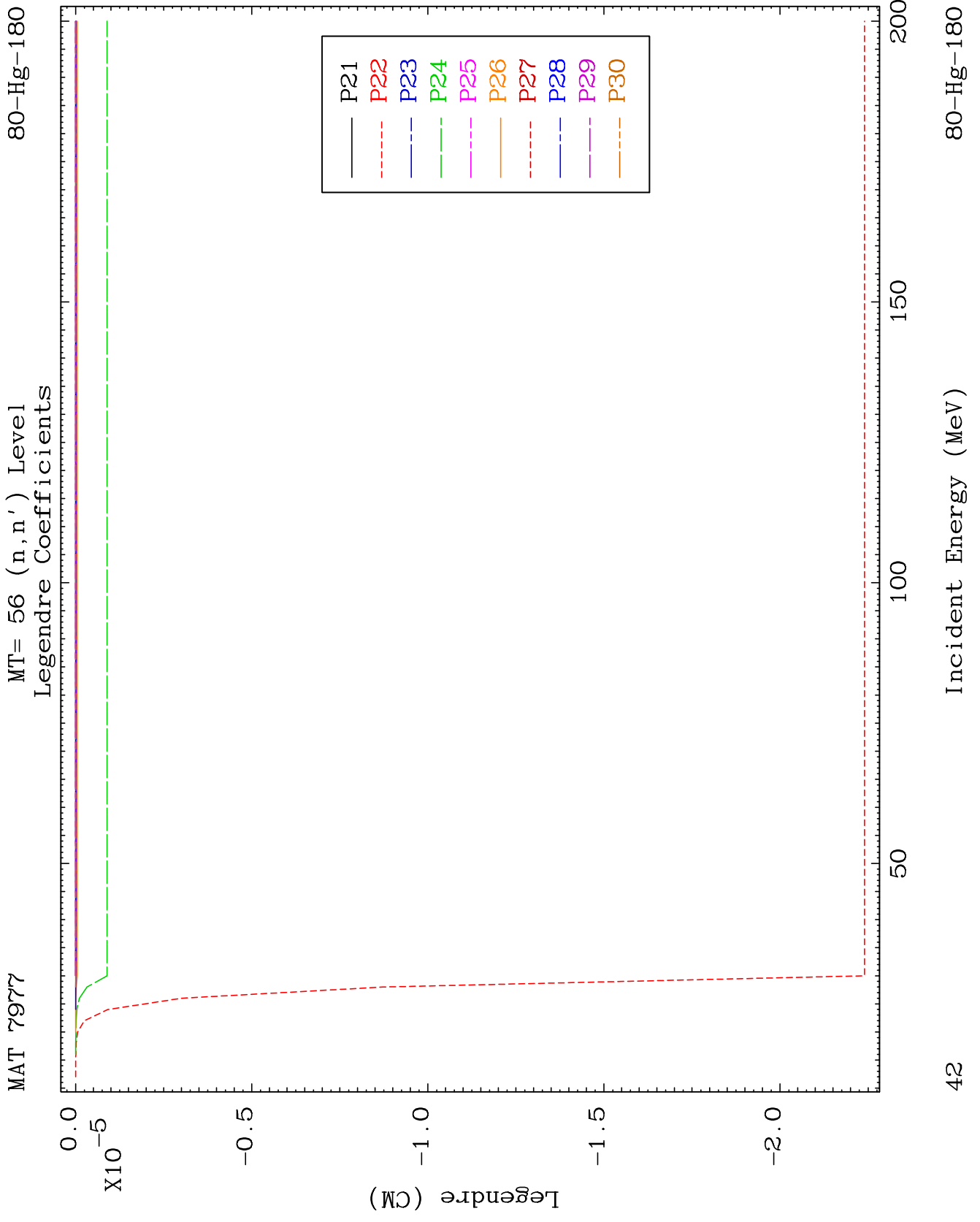
80-Hg-180



39

Incident Energy (MeV)

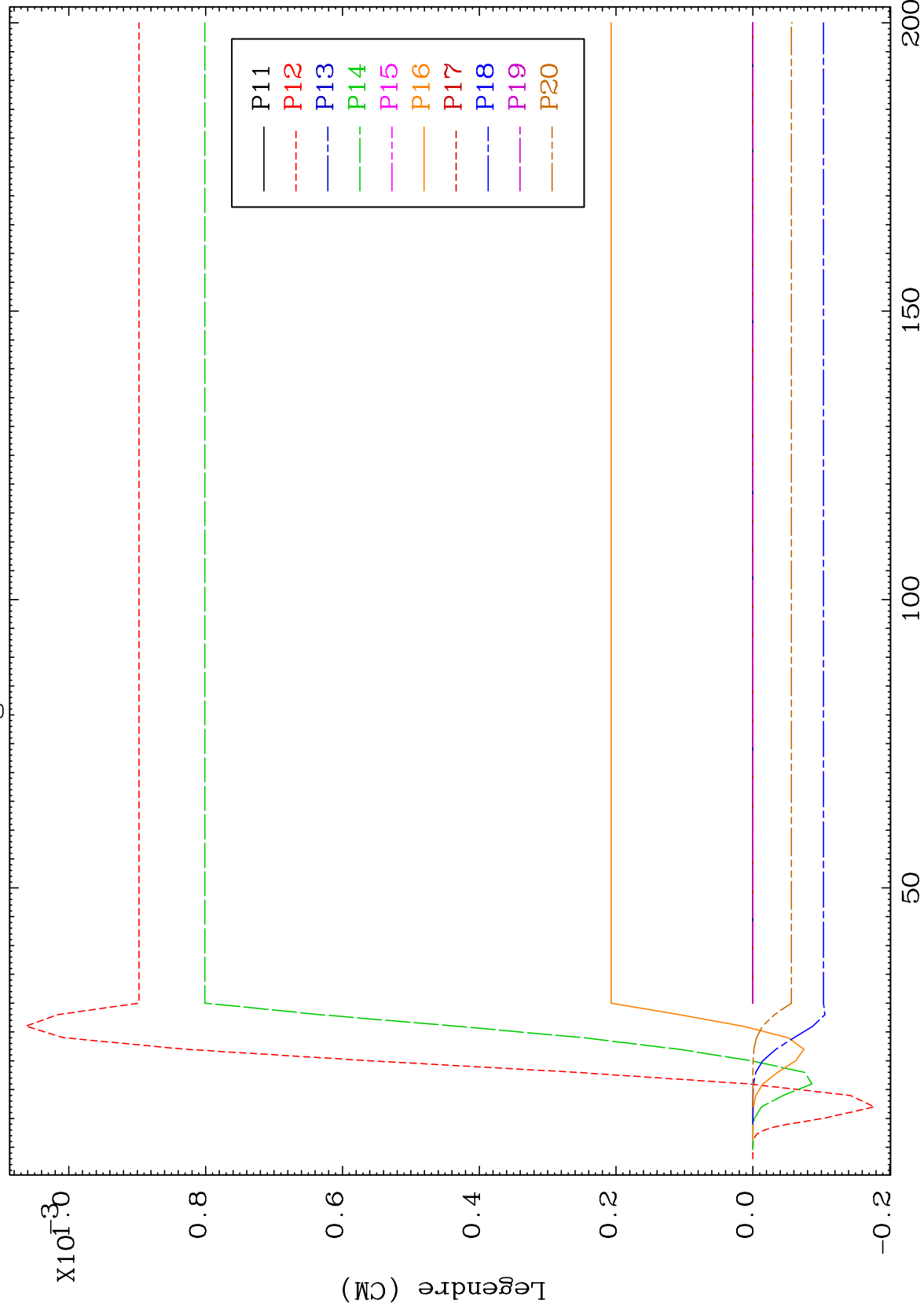
80-Hg-180



MAT 7977

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

80-Hg-180



44

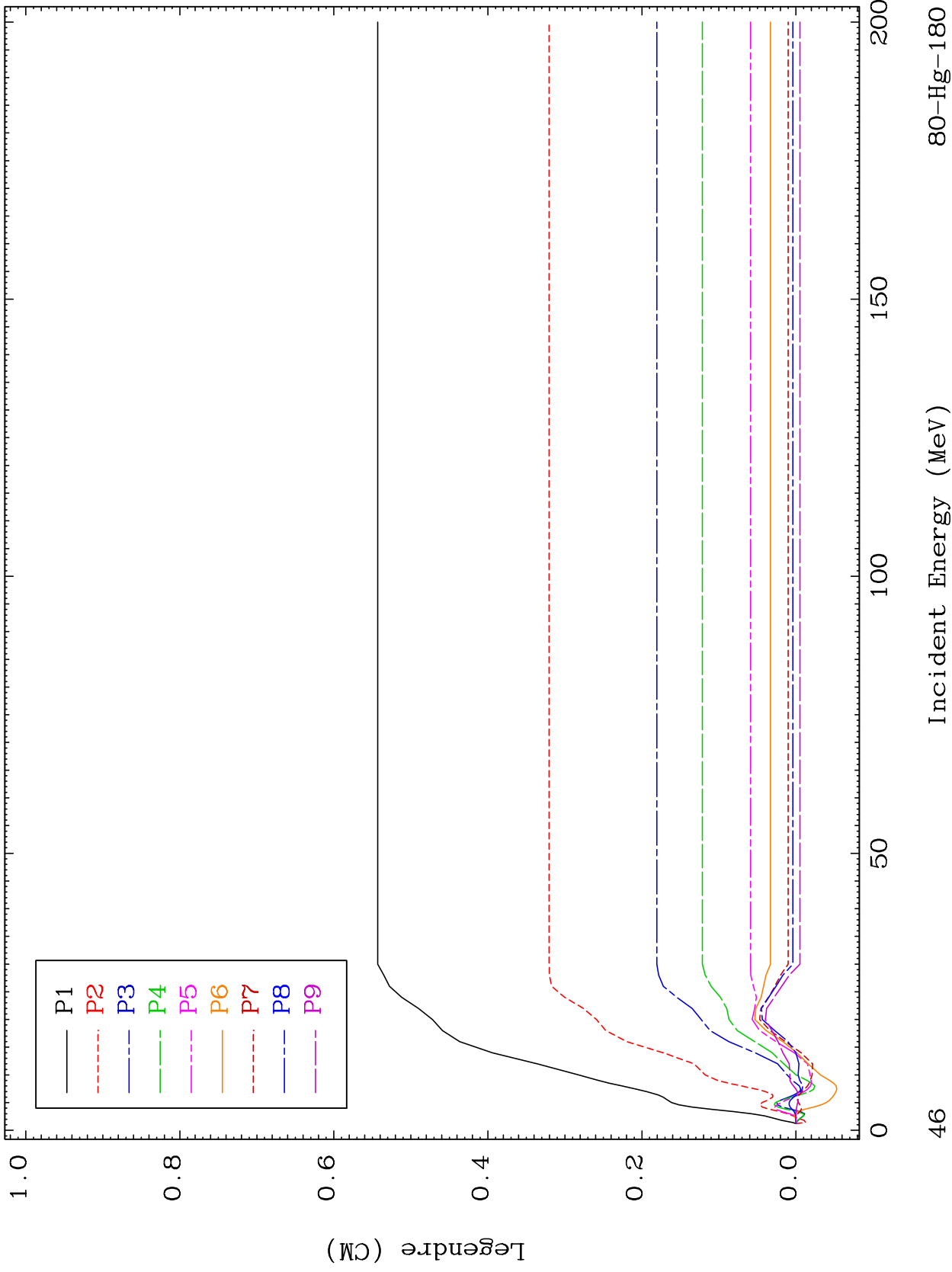
Incident Energy (MeV)

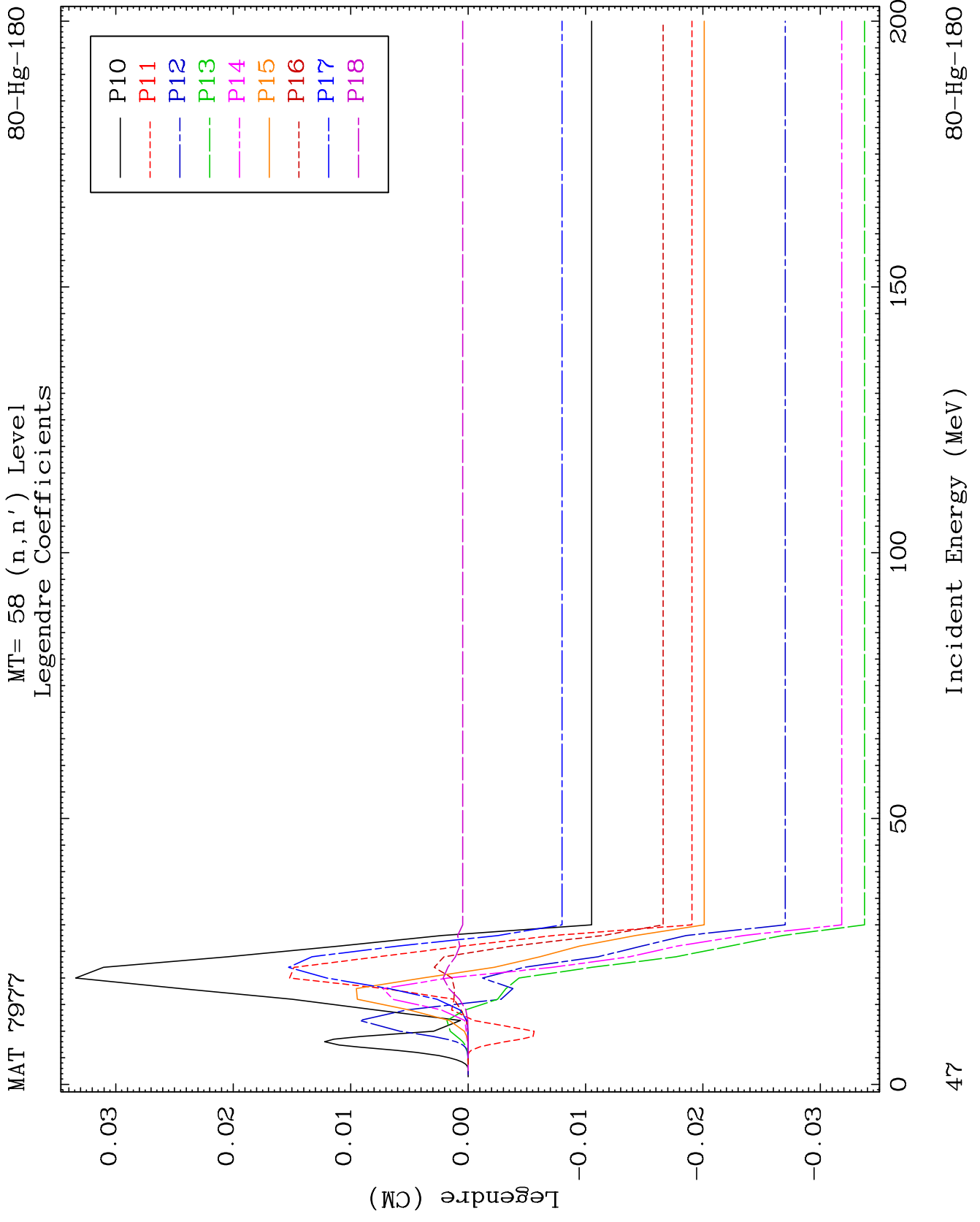
80-Hg-180

MAT 7977

MT= 58 (n,n') Level
Legendre Coefficients

80-Hg-180

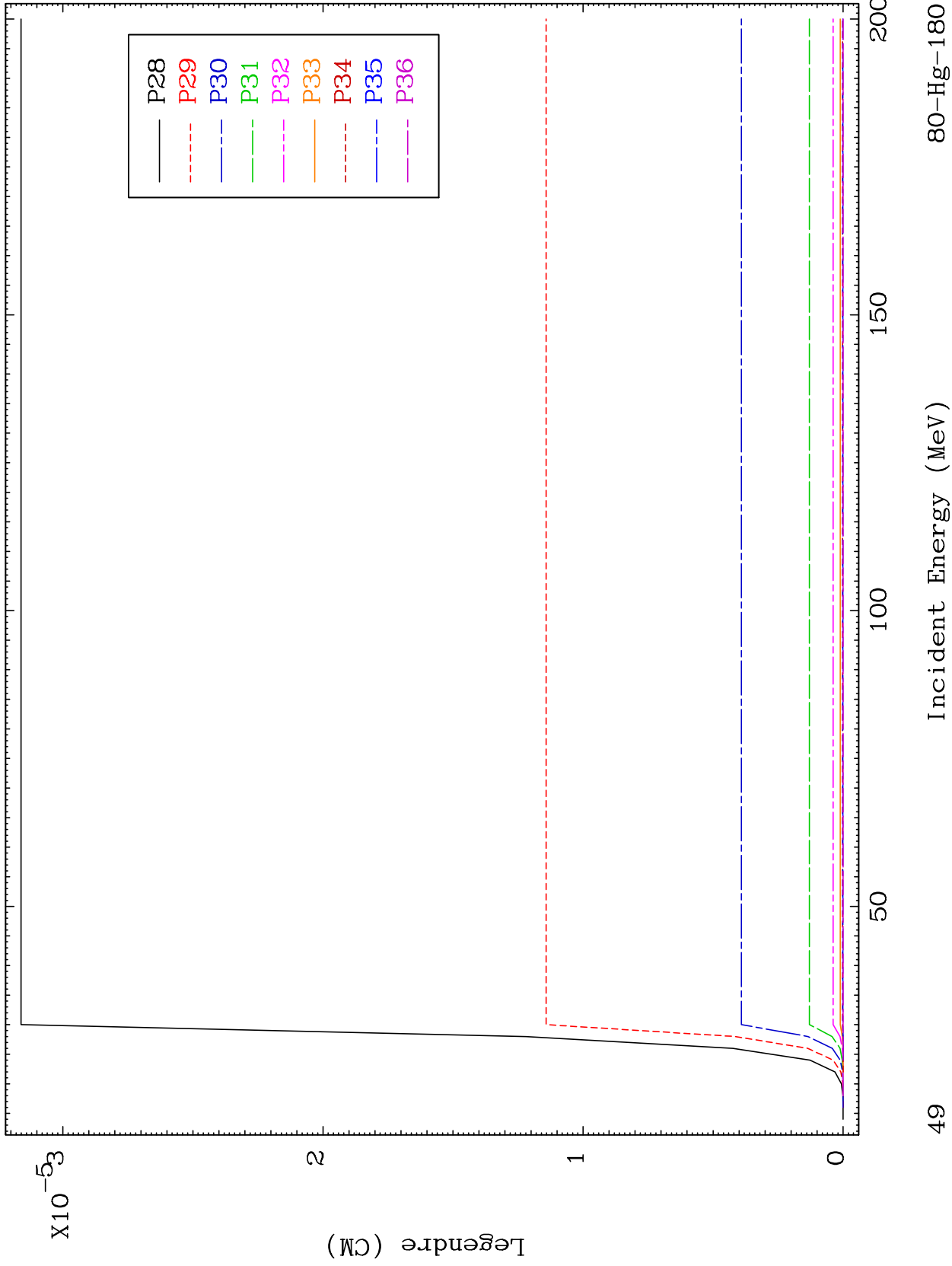




MAT 7977

MT= 58 (n,n') Level
Legendre Coefficients

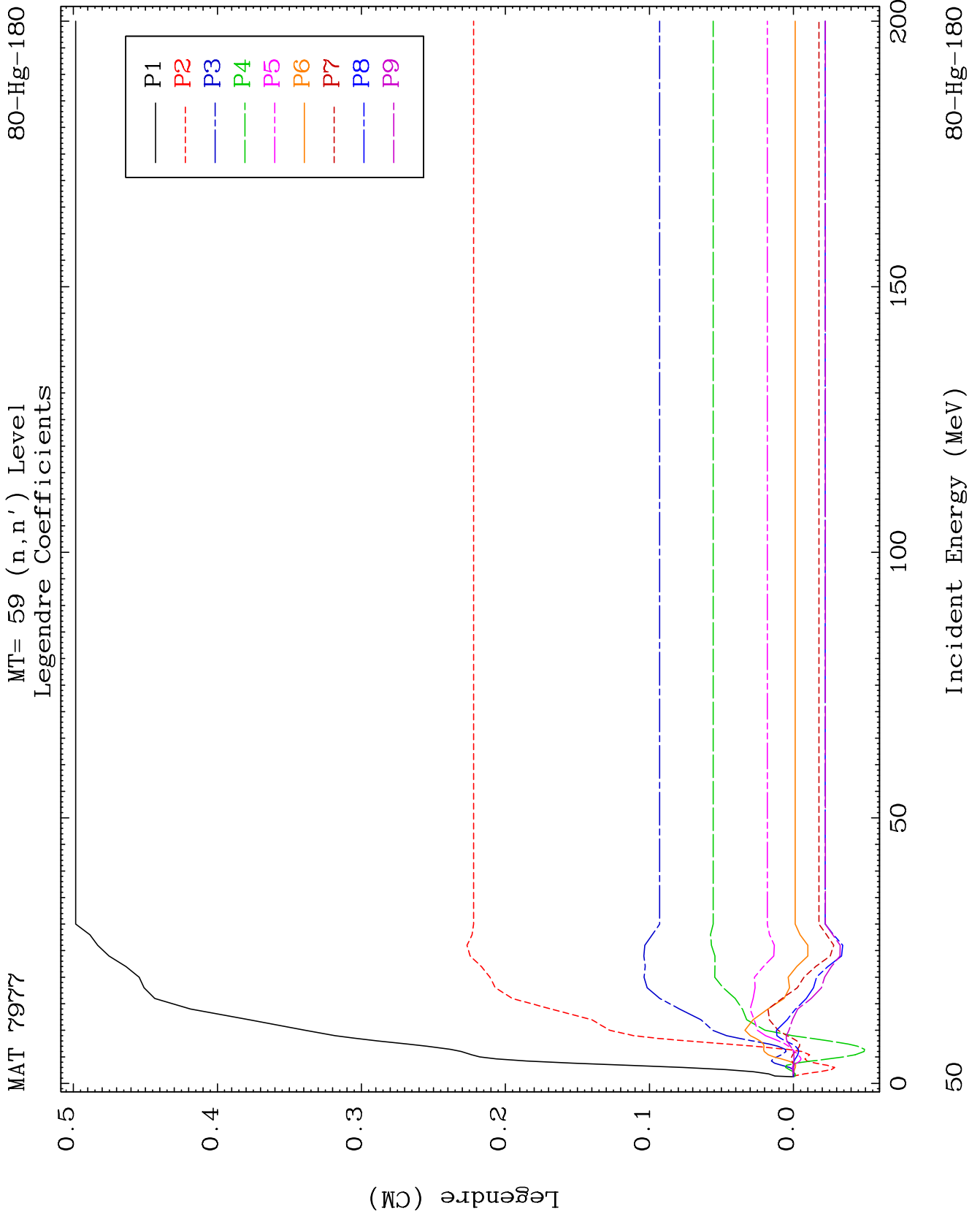
80-Hg-180

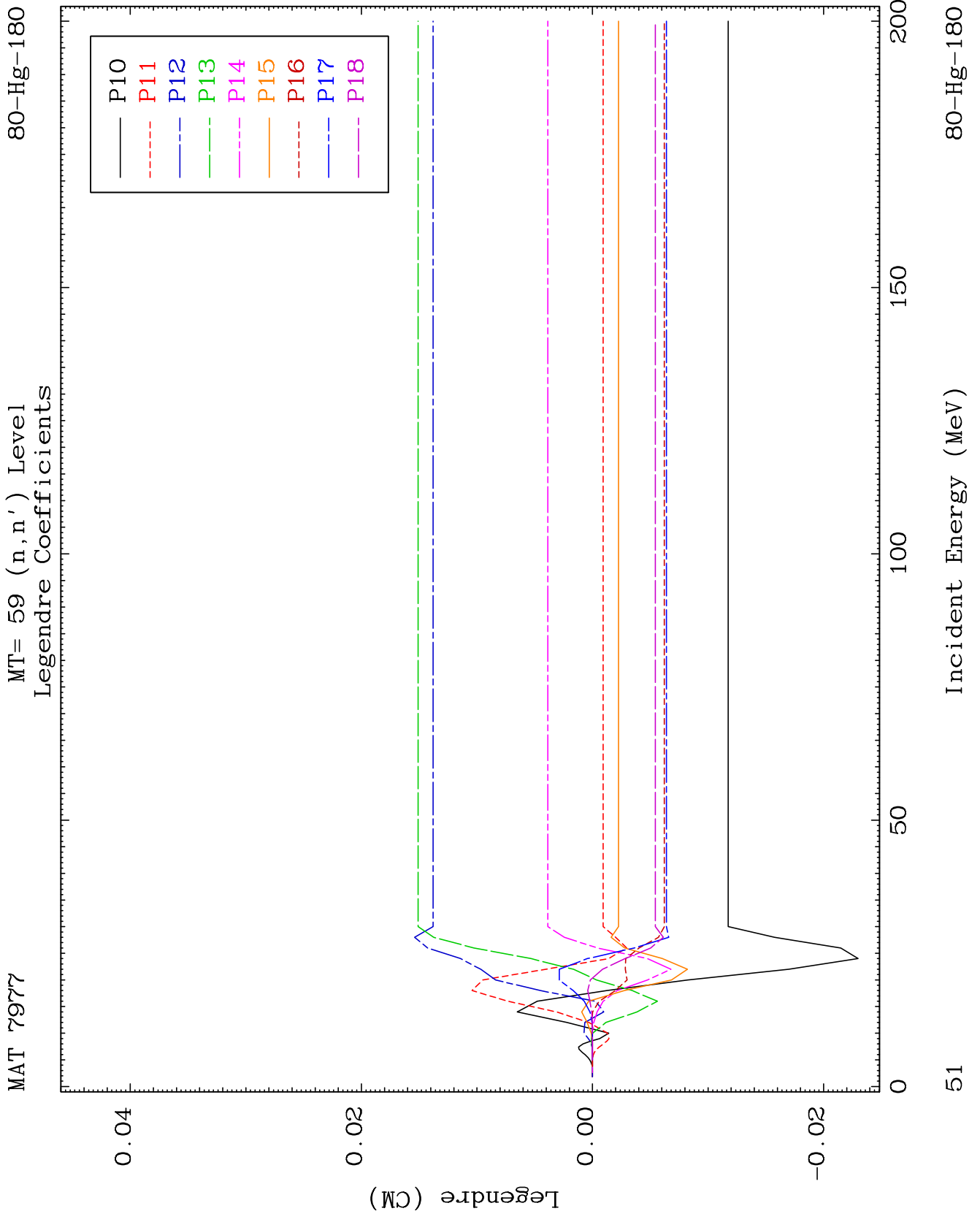


49

Incident Energy (MeV)

80-Hg-180

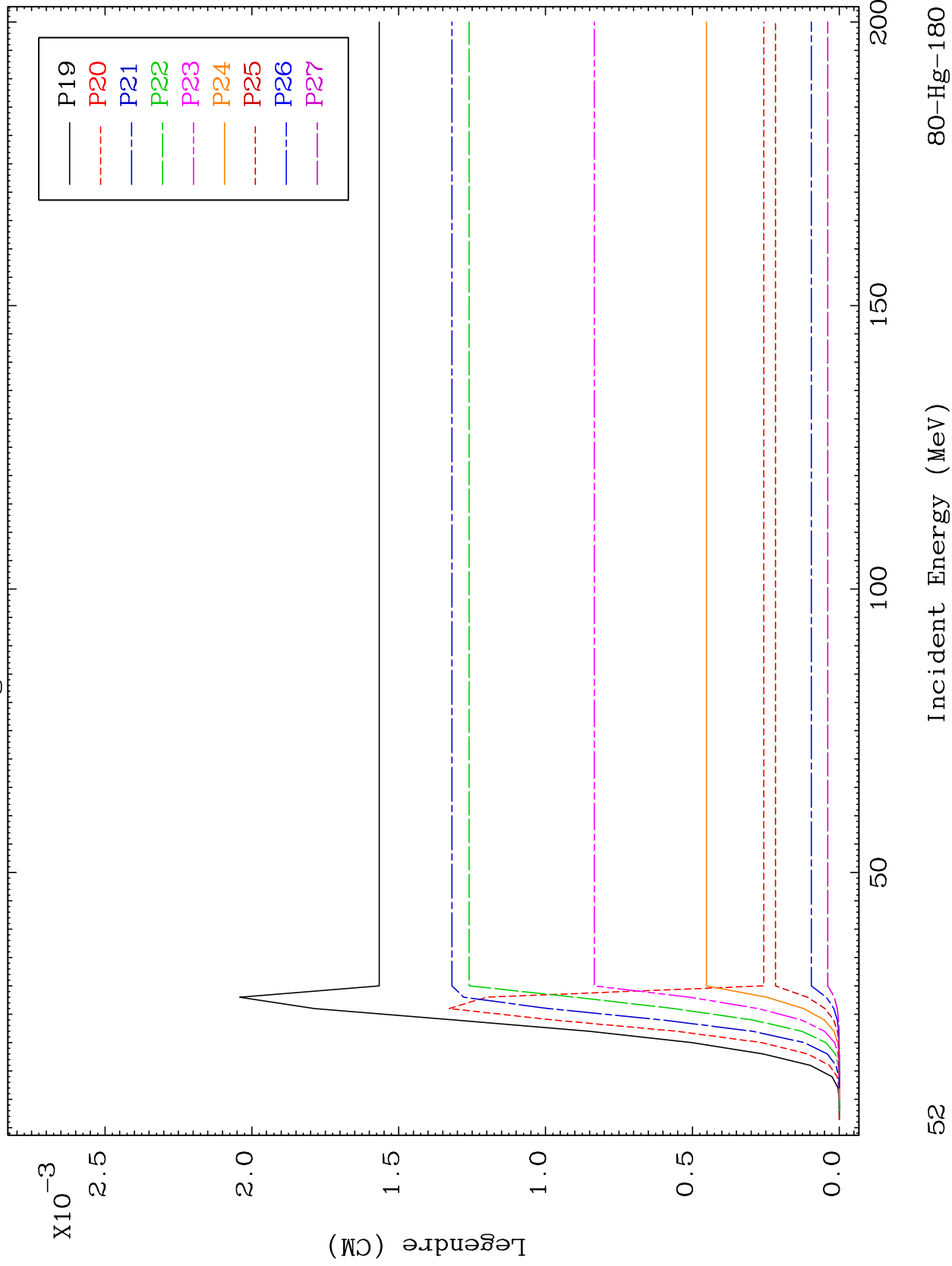




MAT 7977

MT= 59 (n,n') Level
Legendre Coefficients

80-Hg-180



52

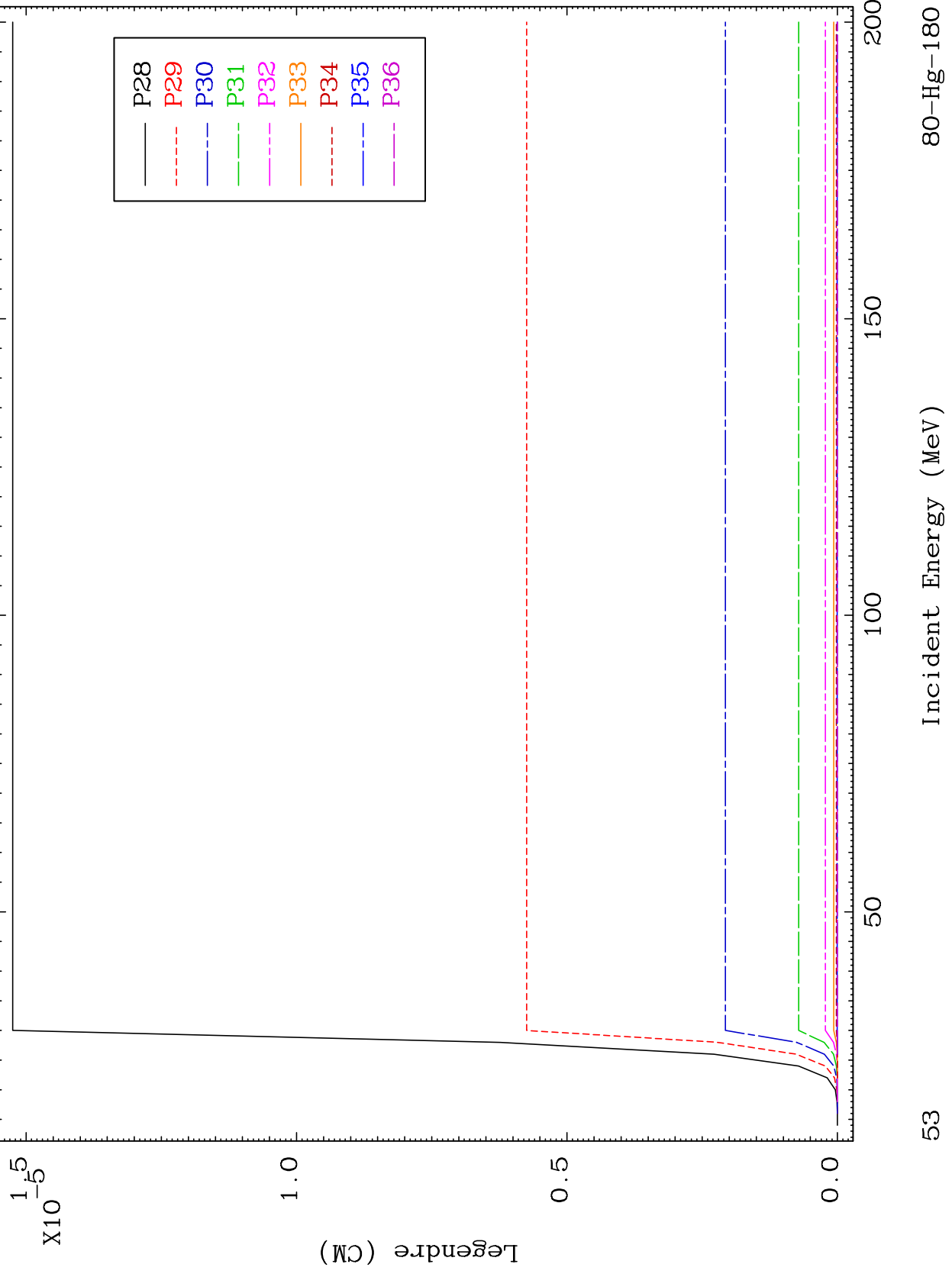
Incident Energy (MeV)

80-Hg-180

MAT 7977

MT= 59 (n,n') Level
Legendre Coefficients

80-Hg-180



53

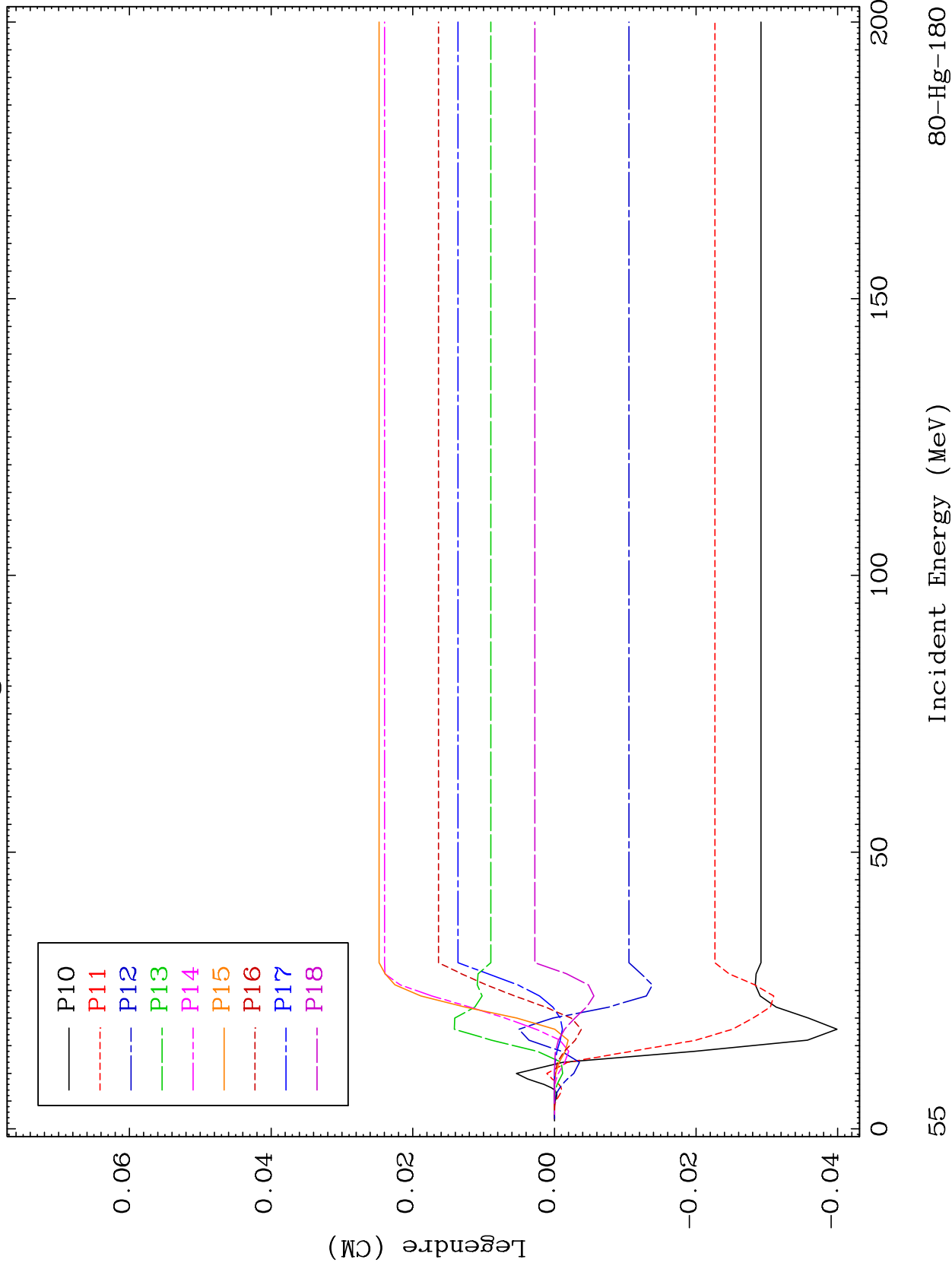
Incident Energy (MeV)

80-Hg-180

MAT 79777

MT= 60 (n,n') Level
Legendre Coefficients

80-Hg-180



80-Hg-180

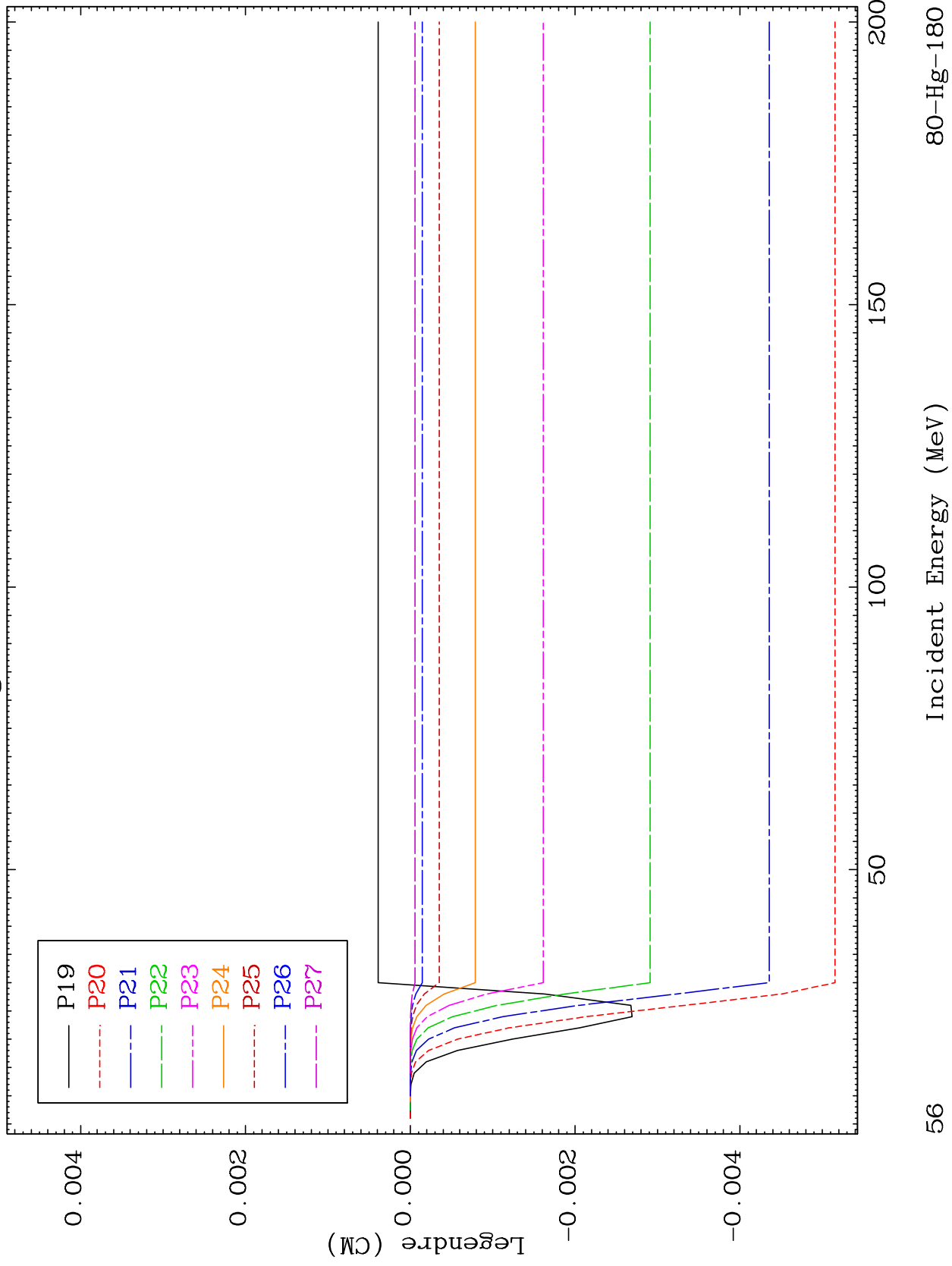
Incident Energy (MeV)

55

MAT 7977

MT= 60 (n,n') Level
Legendre Coefficients

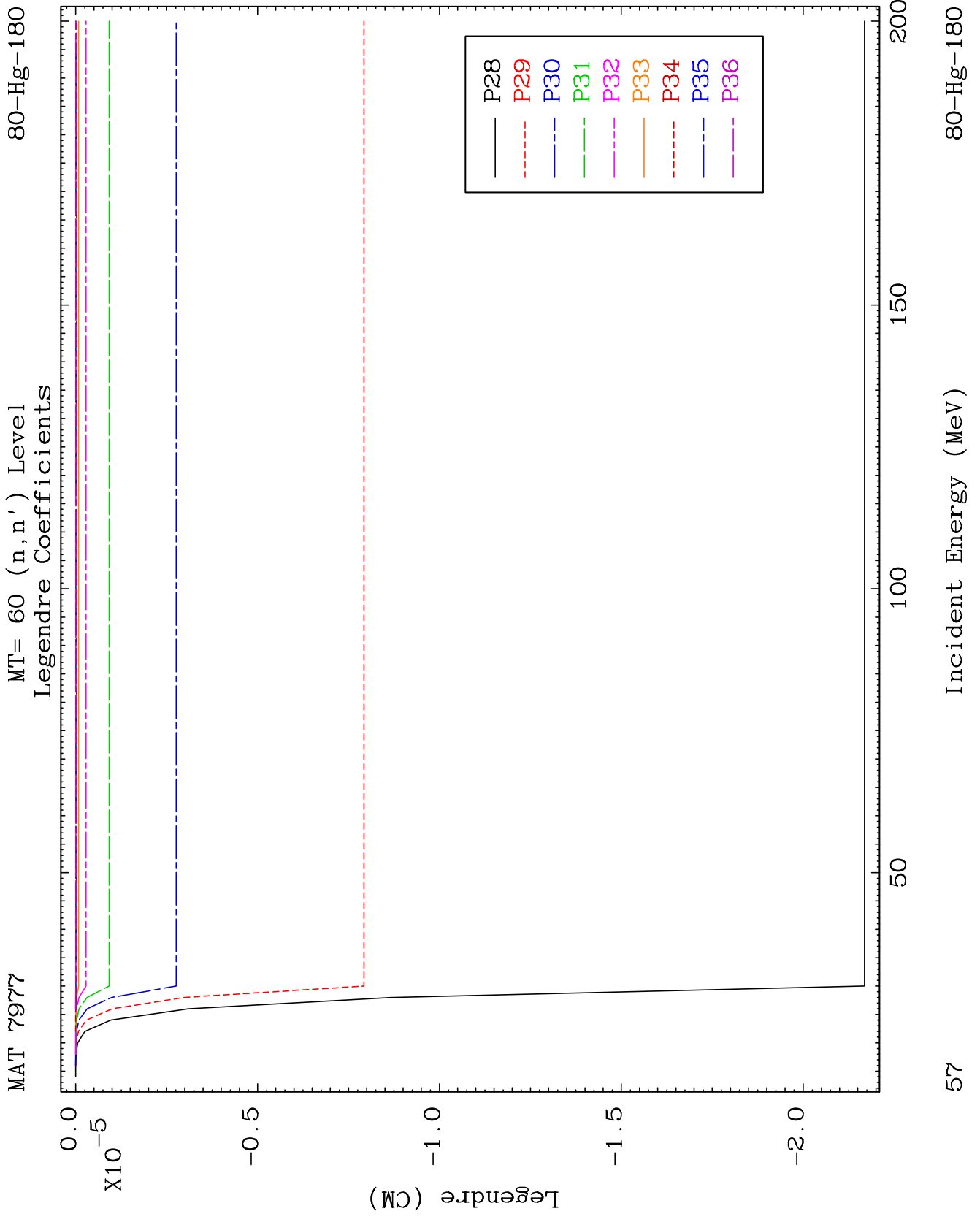
80-Hg-180

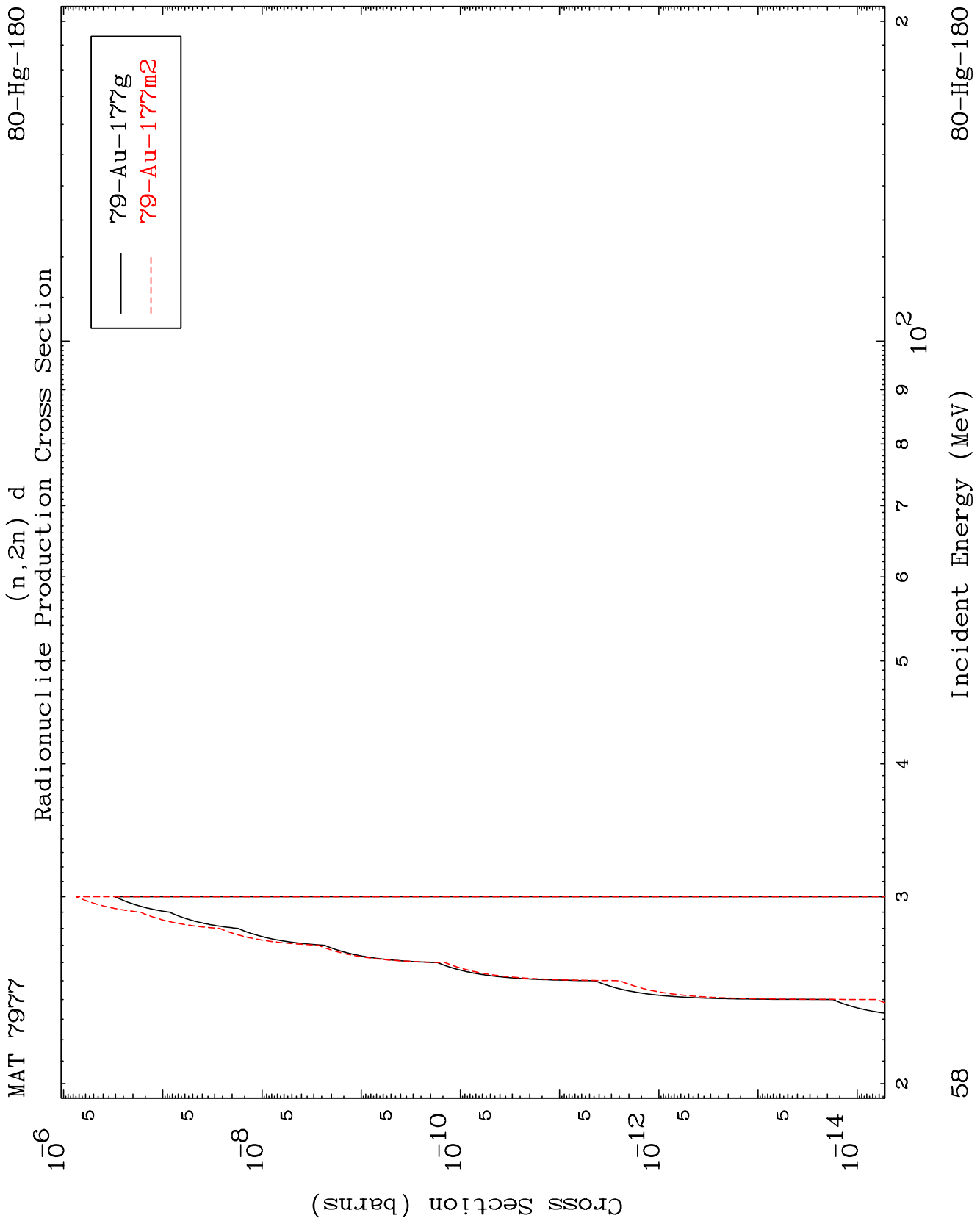


56

Incident Energy (MeV)

80-Hg-180

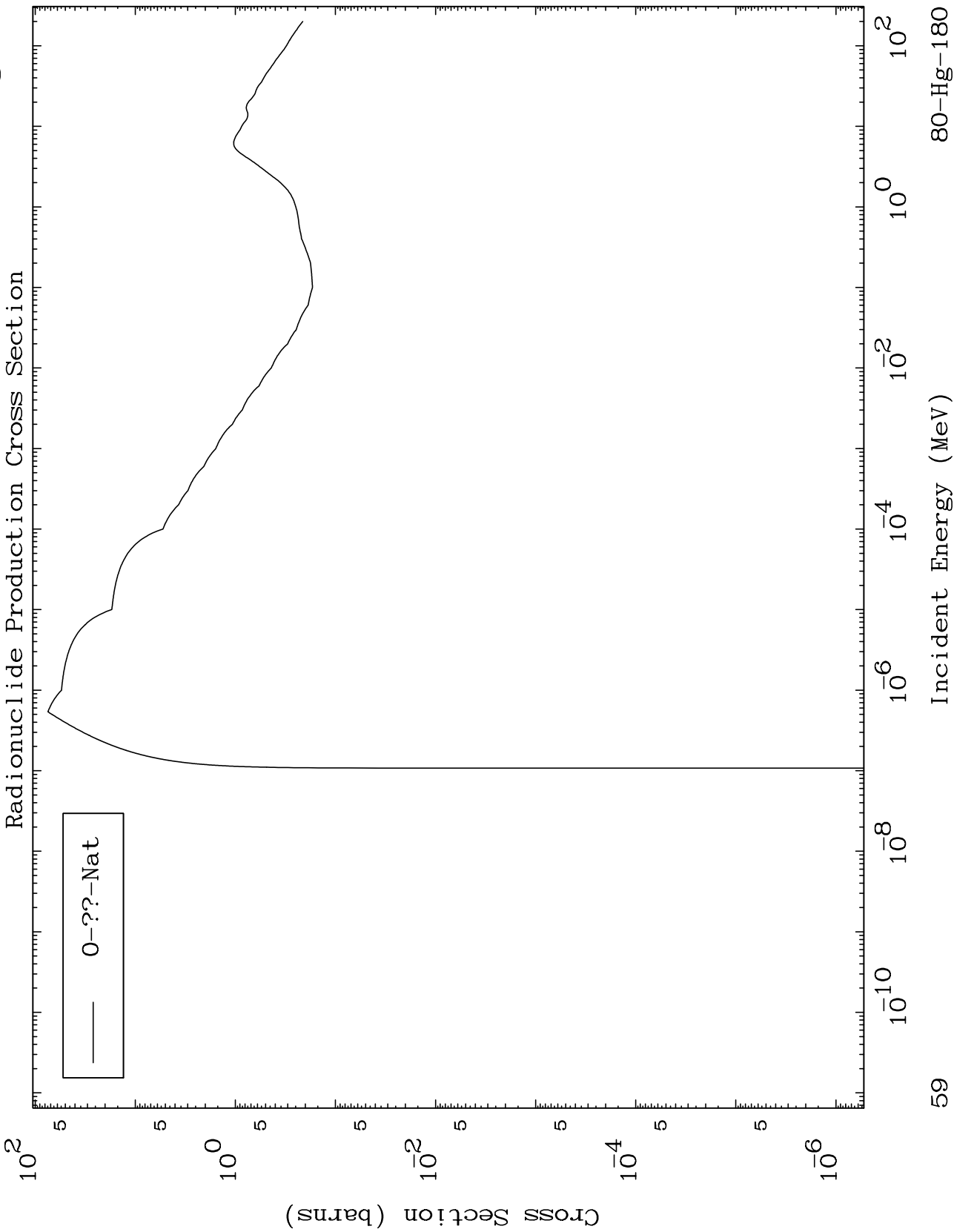




MAT 7977

80-Hg-180

Fission
Radionuclide Production Cross Section

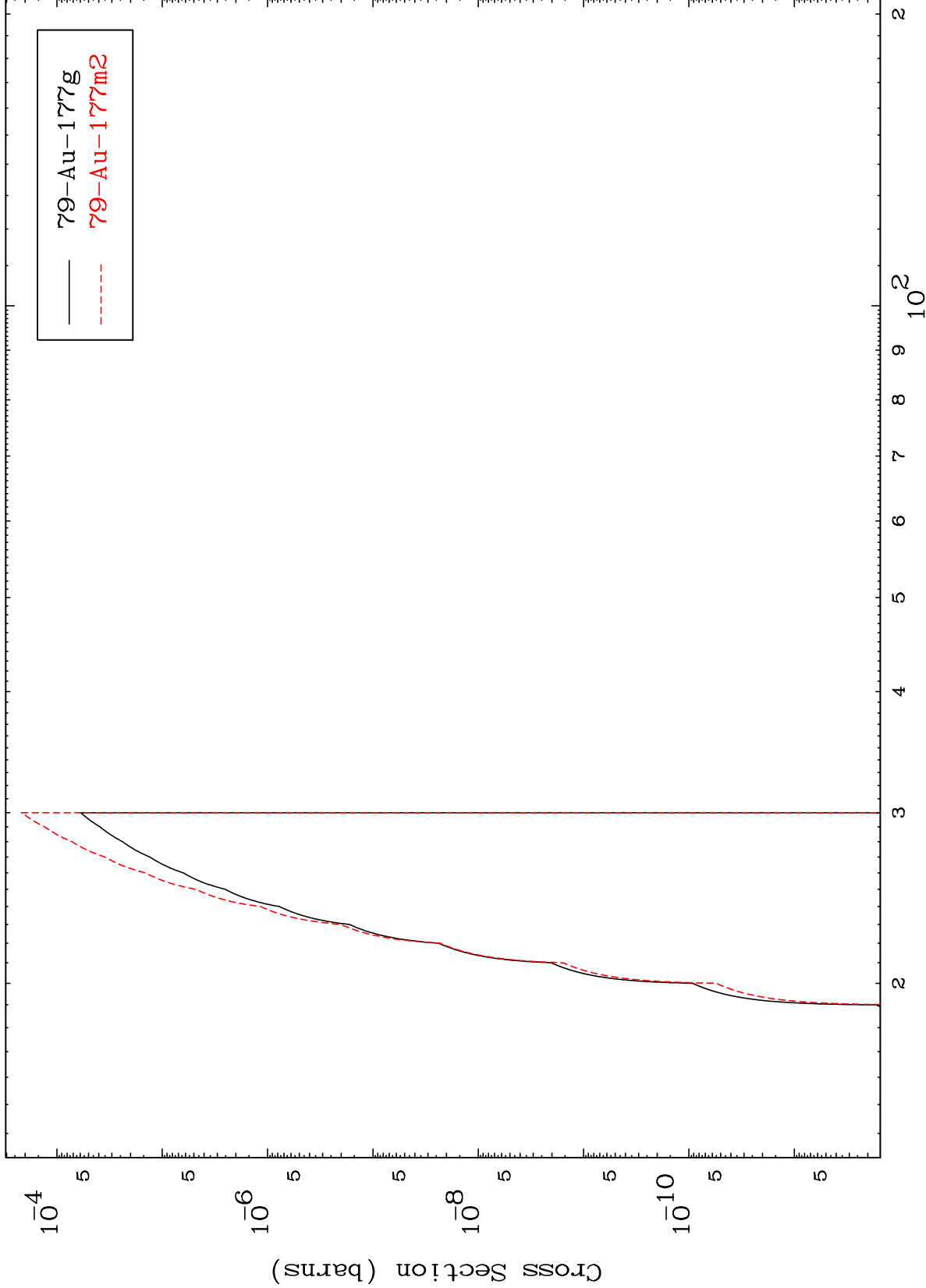


MAT 7977

(n,n') t

80-Hg-180

Radionuclide Production Cross Section



60

Incident Energy (MeV)

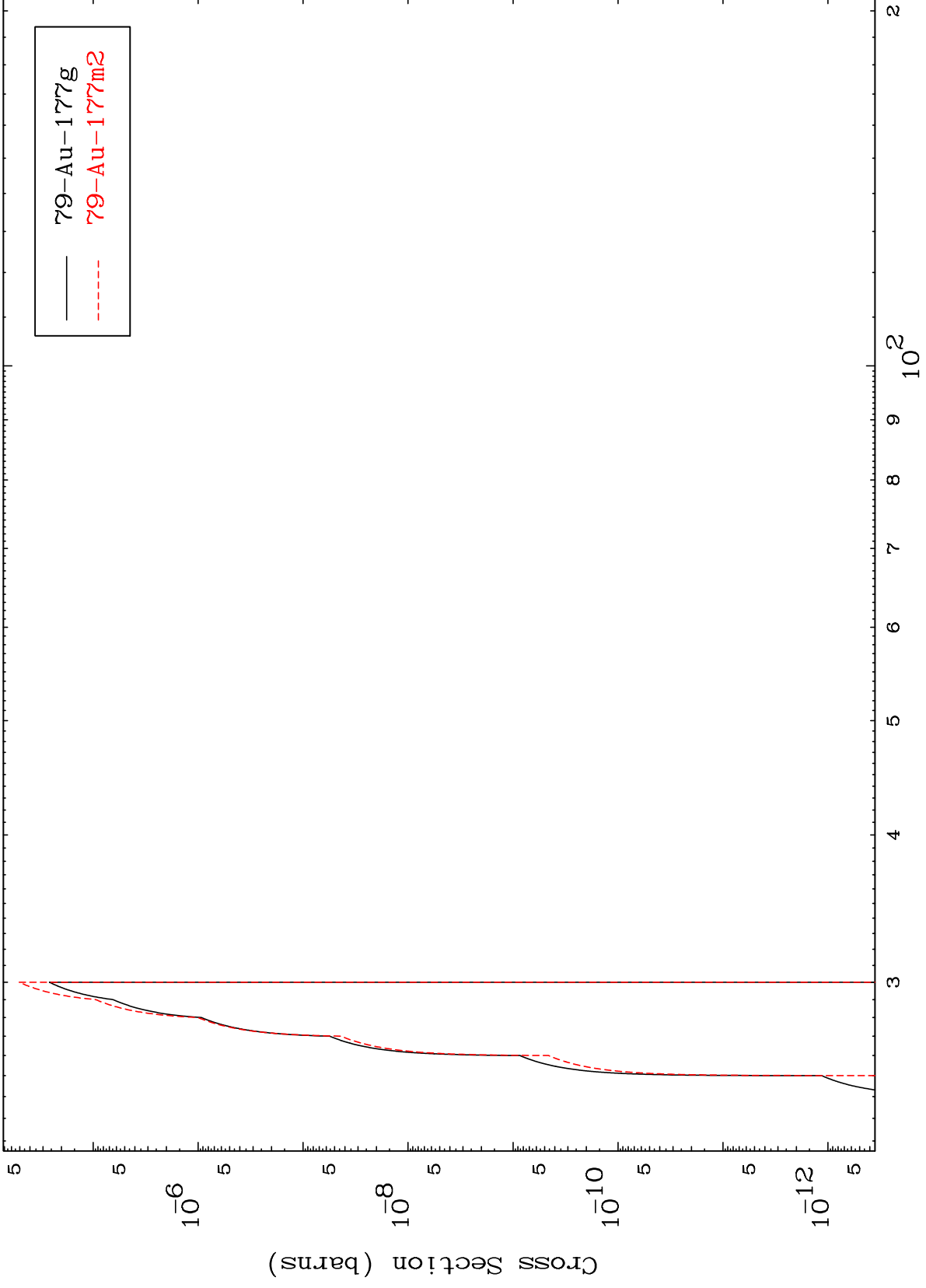
80-Hg-180

MAT 79777

(n,3n) p

80-Hg-180

Radionuclide Production Cross Section



61

Incident Energy (MeV)

80-Hg-180