

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

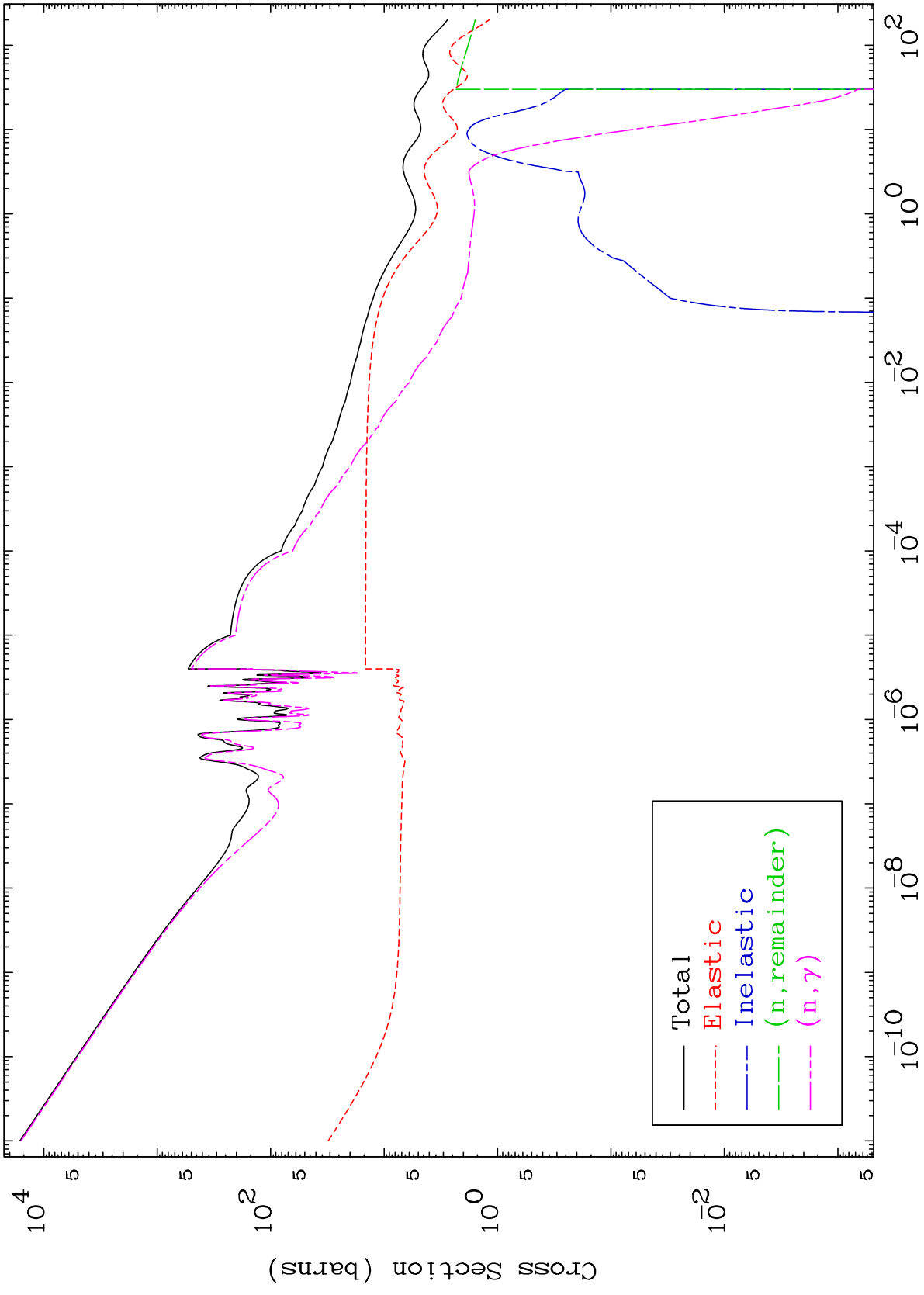
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7986

Major
293 Kelvin Cross Sections

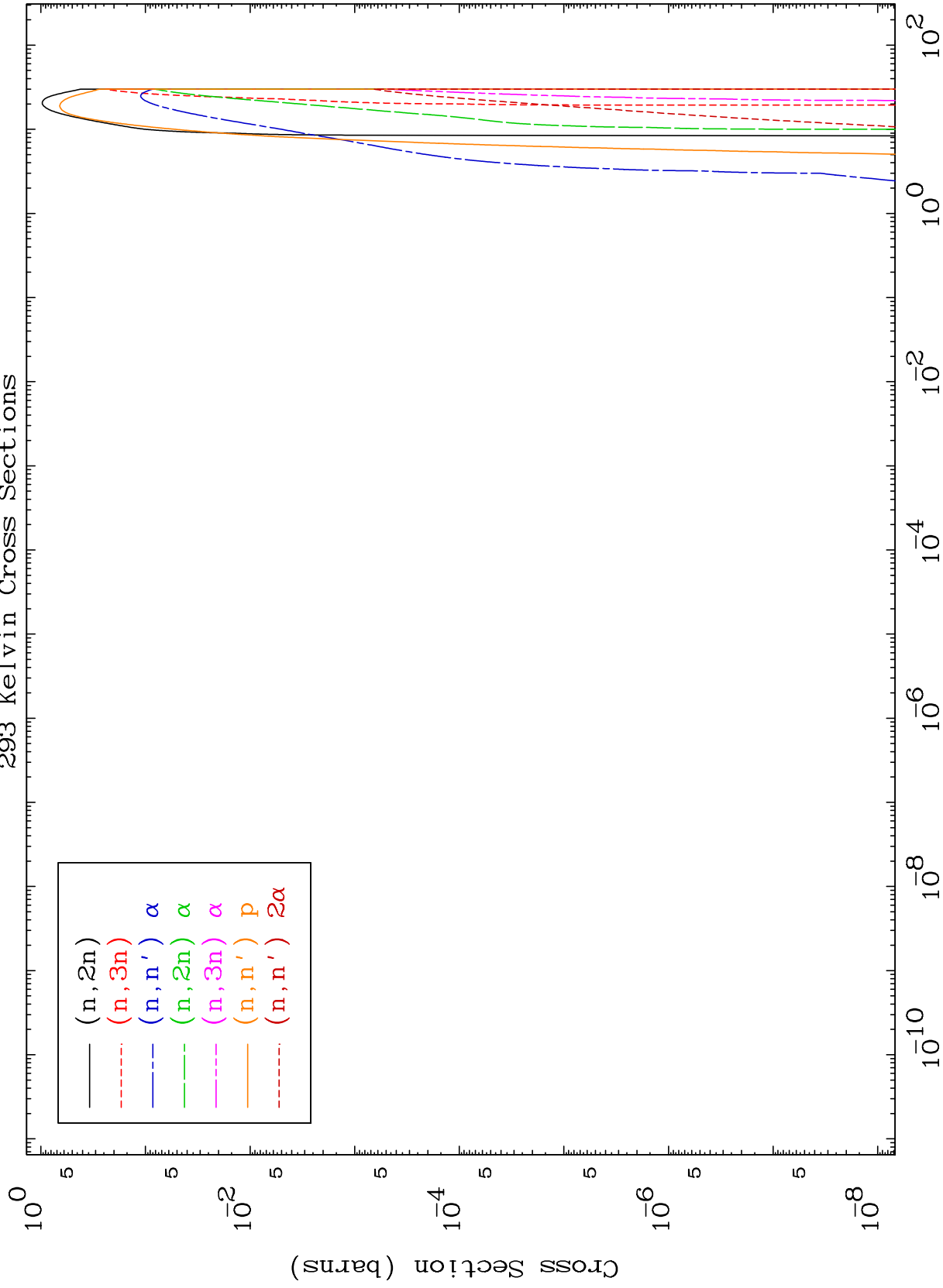
80-Hg-183



MAT 7986

Neutron Production
293 Kelvin Cross Sections

80-Hg-183



2

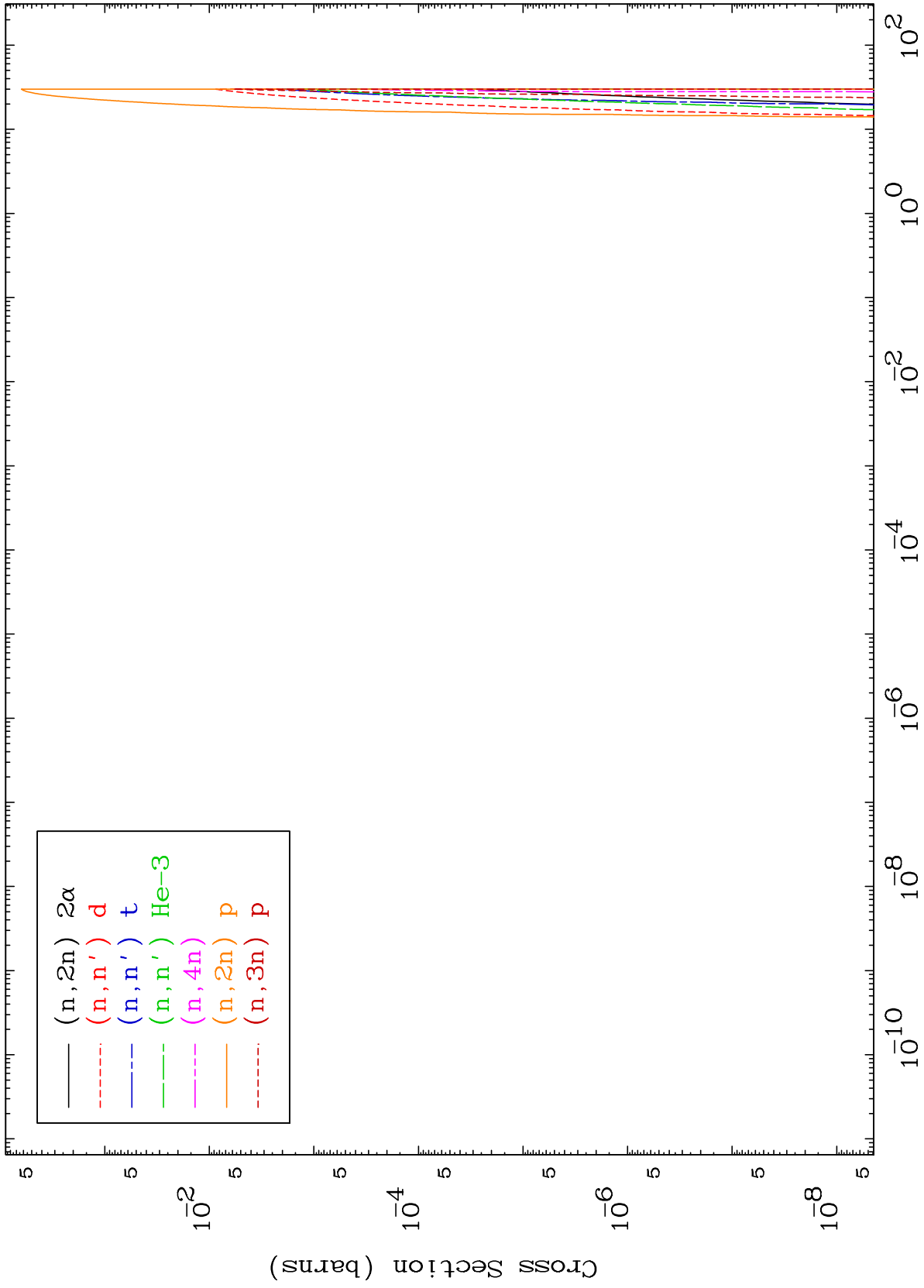
Incident Energy (MeV)

80-Hg-183

MAT 7986

Neutron Production
293 Kelvin Cross Sections

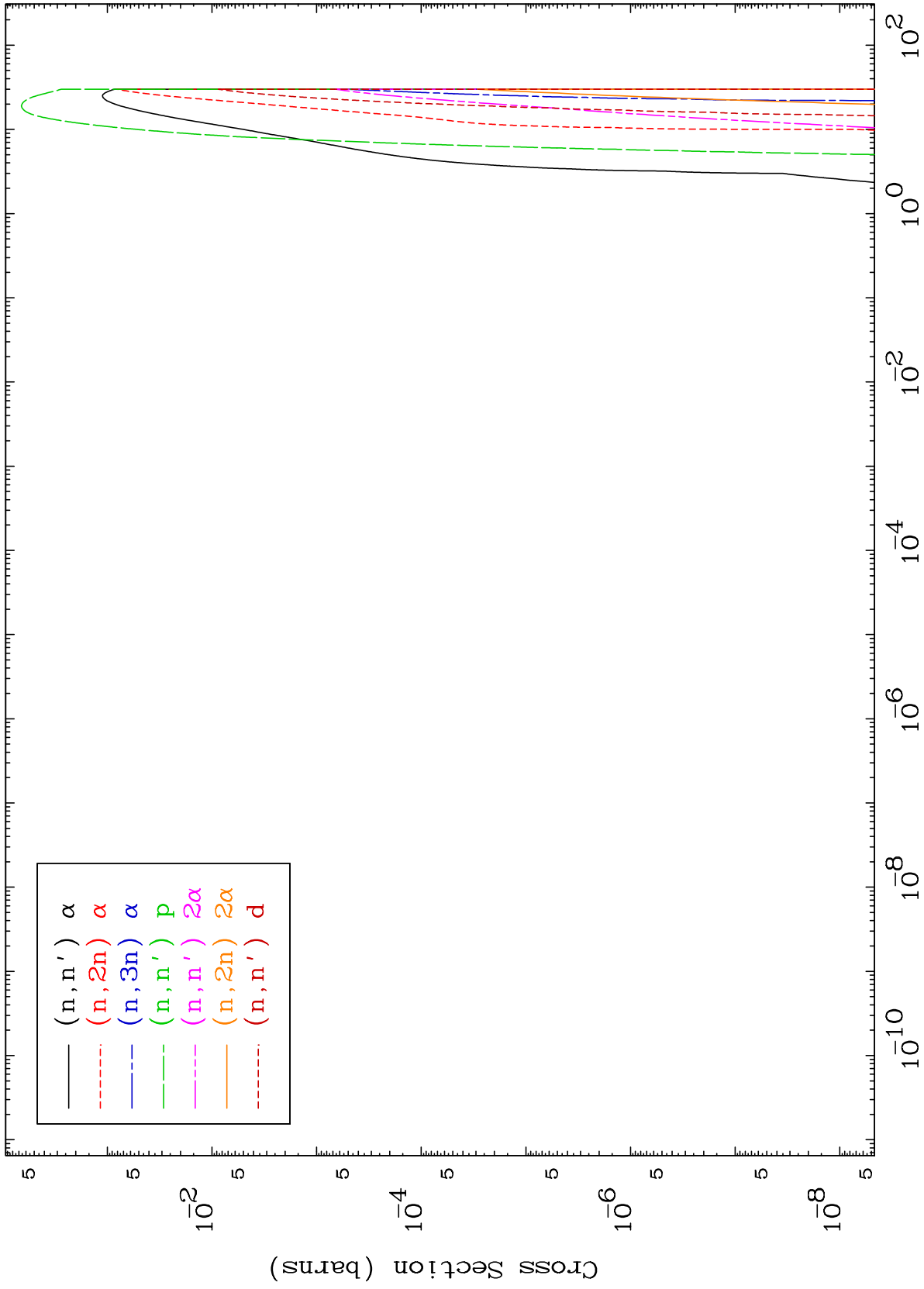
80-Hg-183



MAT 7986

293 Kelvin Cross Sections
Charged Particle

80-Hg-183

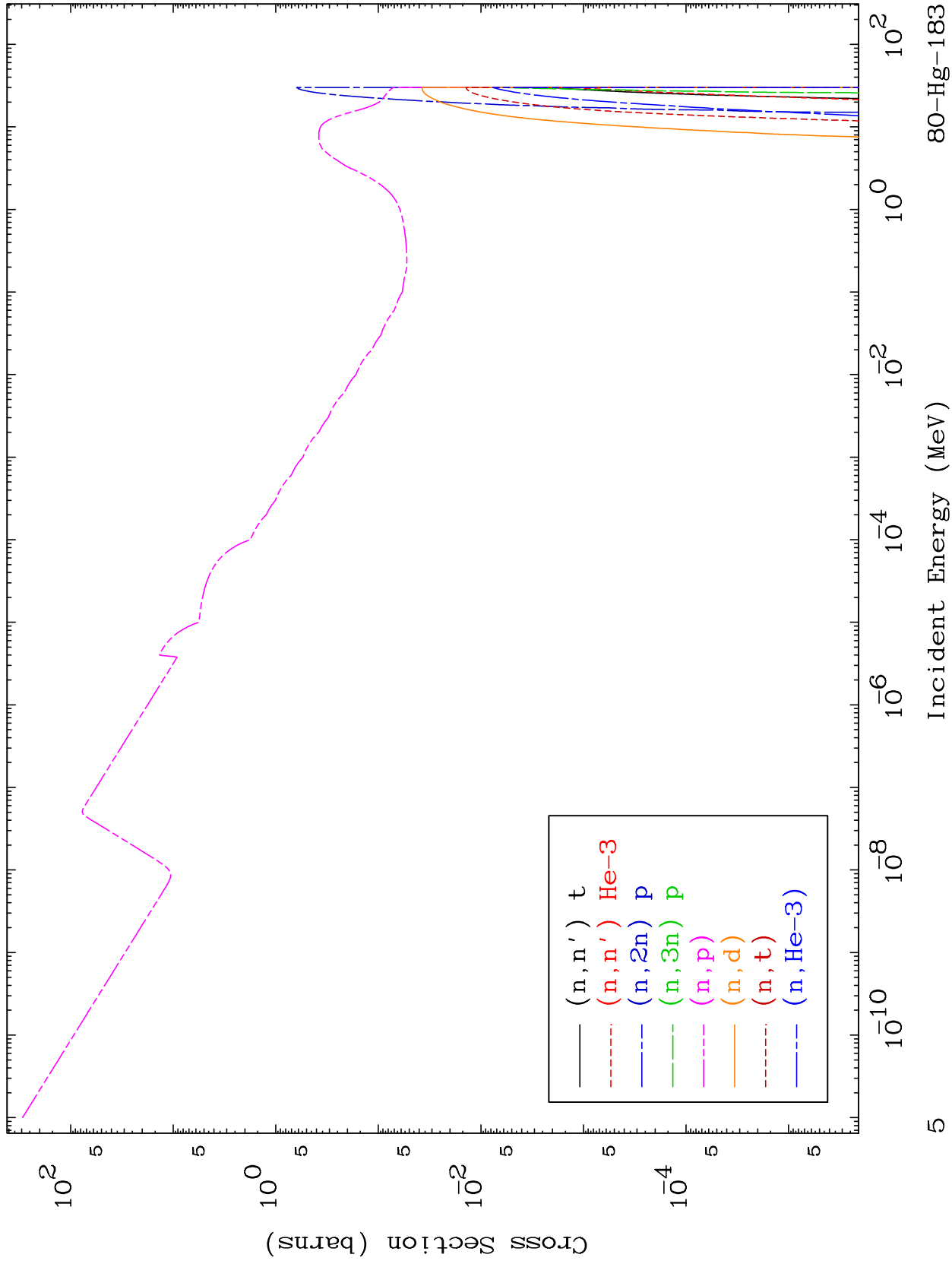


80-Hg-183

MAT 7986

293 Kelvin Cross Sections

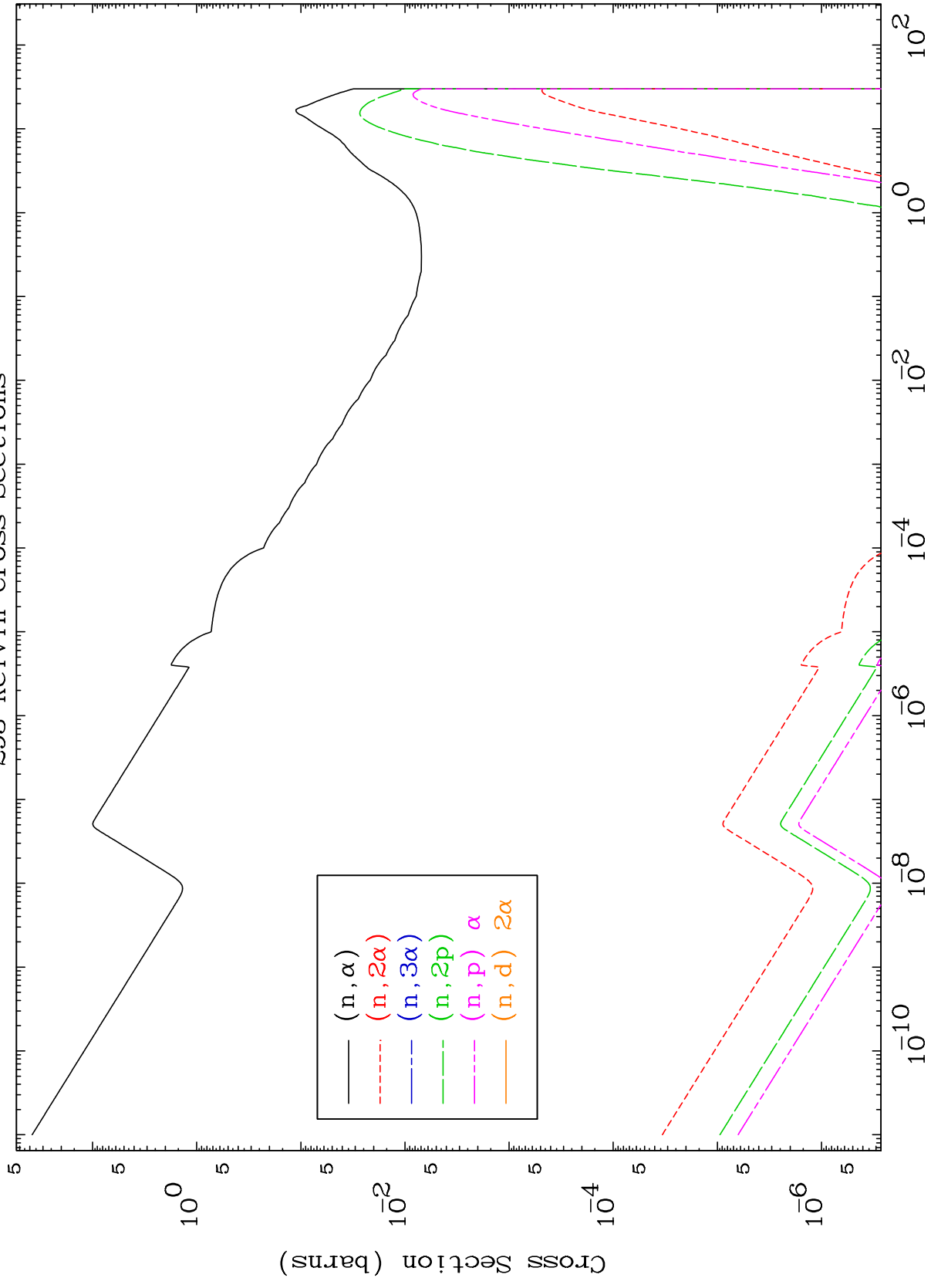
80-Hg-183



MAT 7986

293 Kelvin Cross Sections

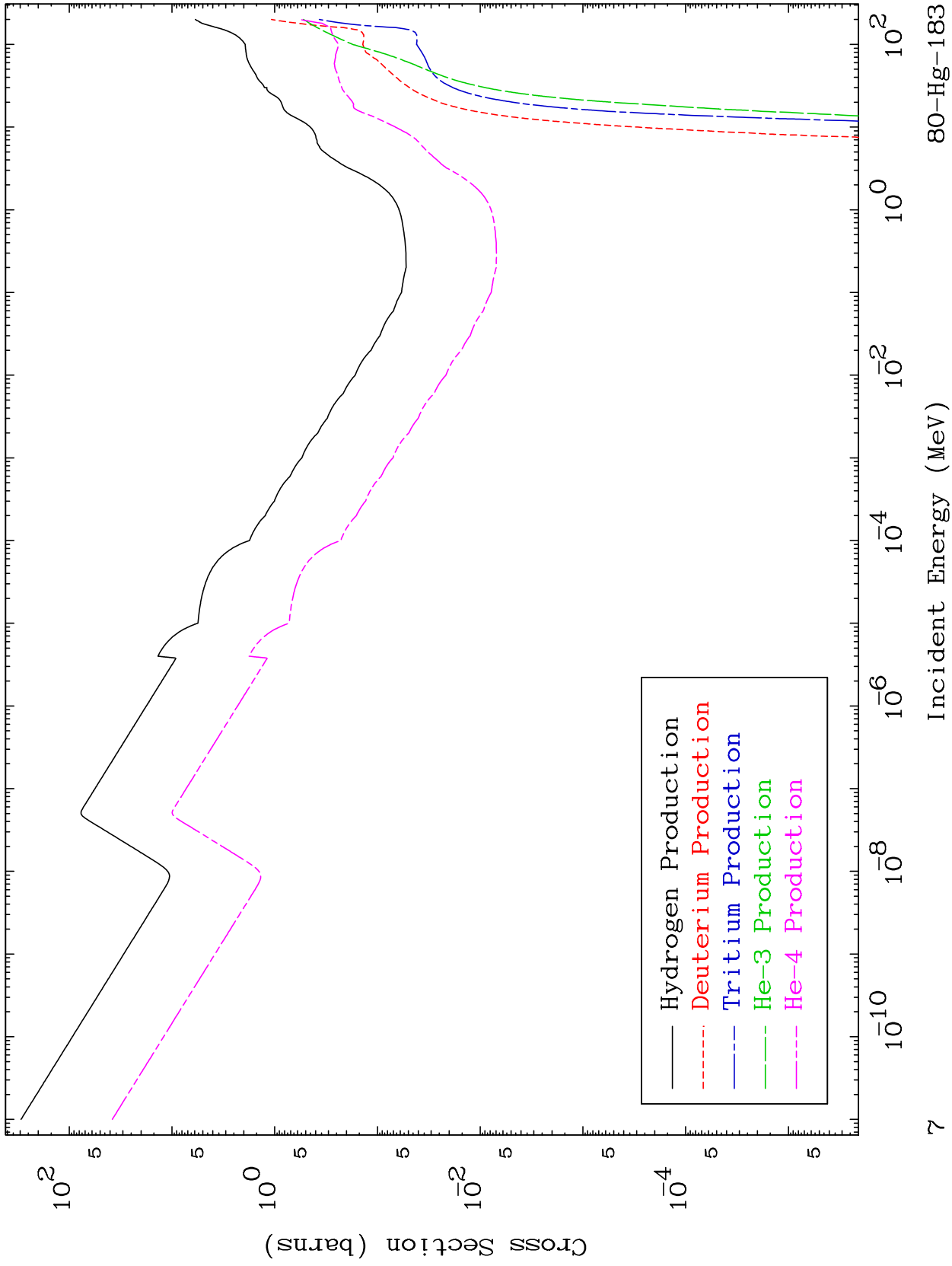
80-Hg-183



MAT 7986

Particle Production
293 Kelvin Cross Sections

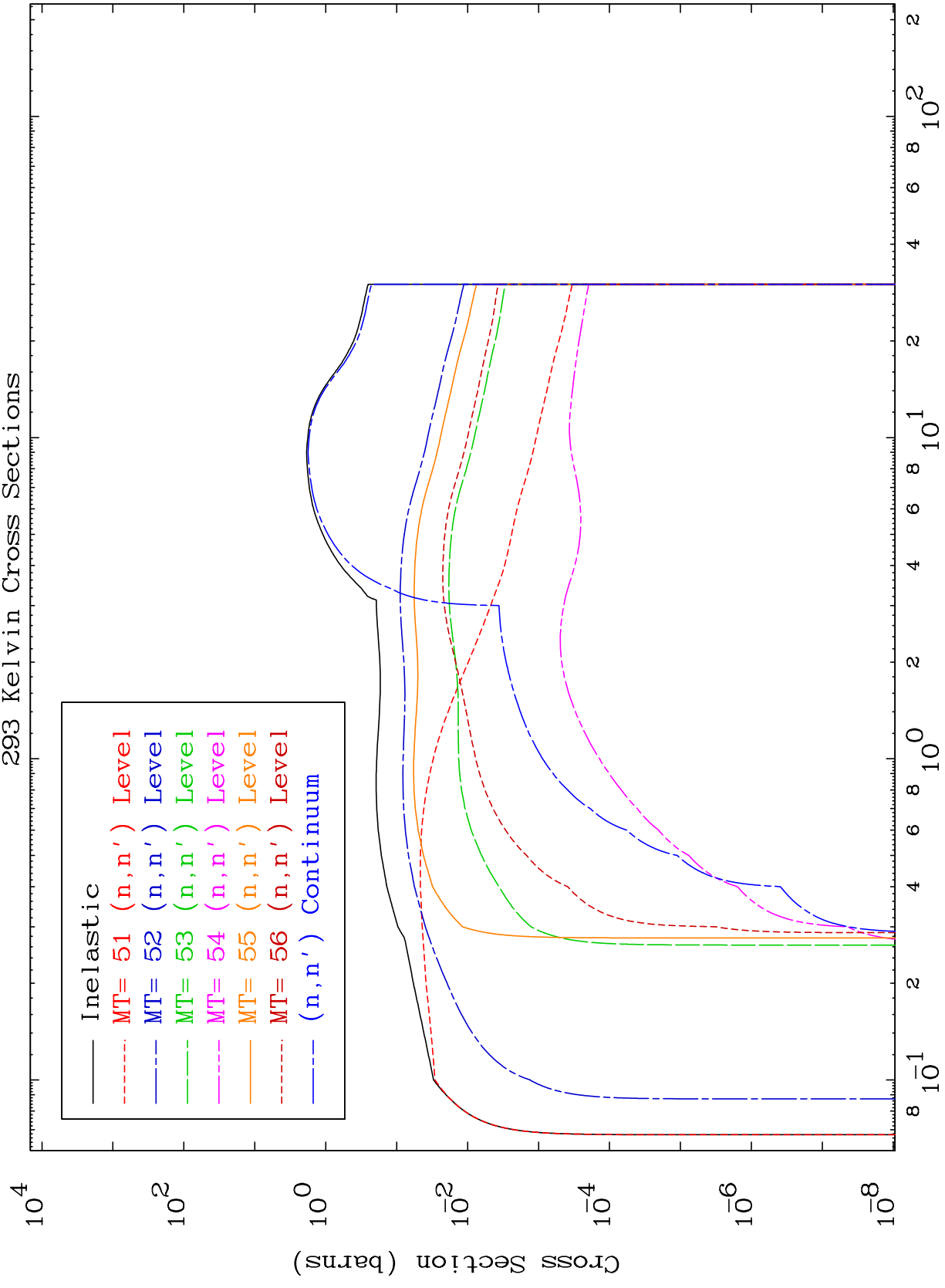
80-Hg-183



MAT 7986

(n,n') Level
293 Kelvin Cross Sections

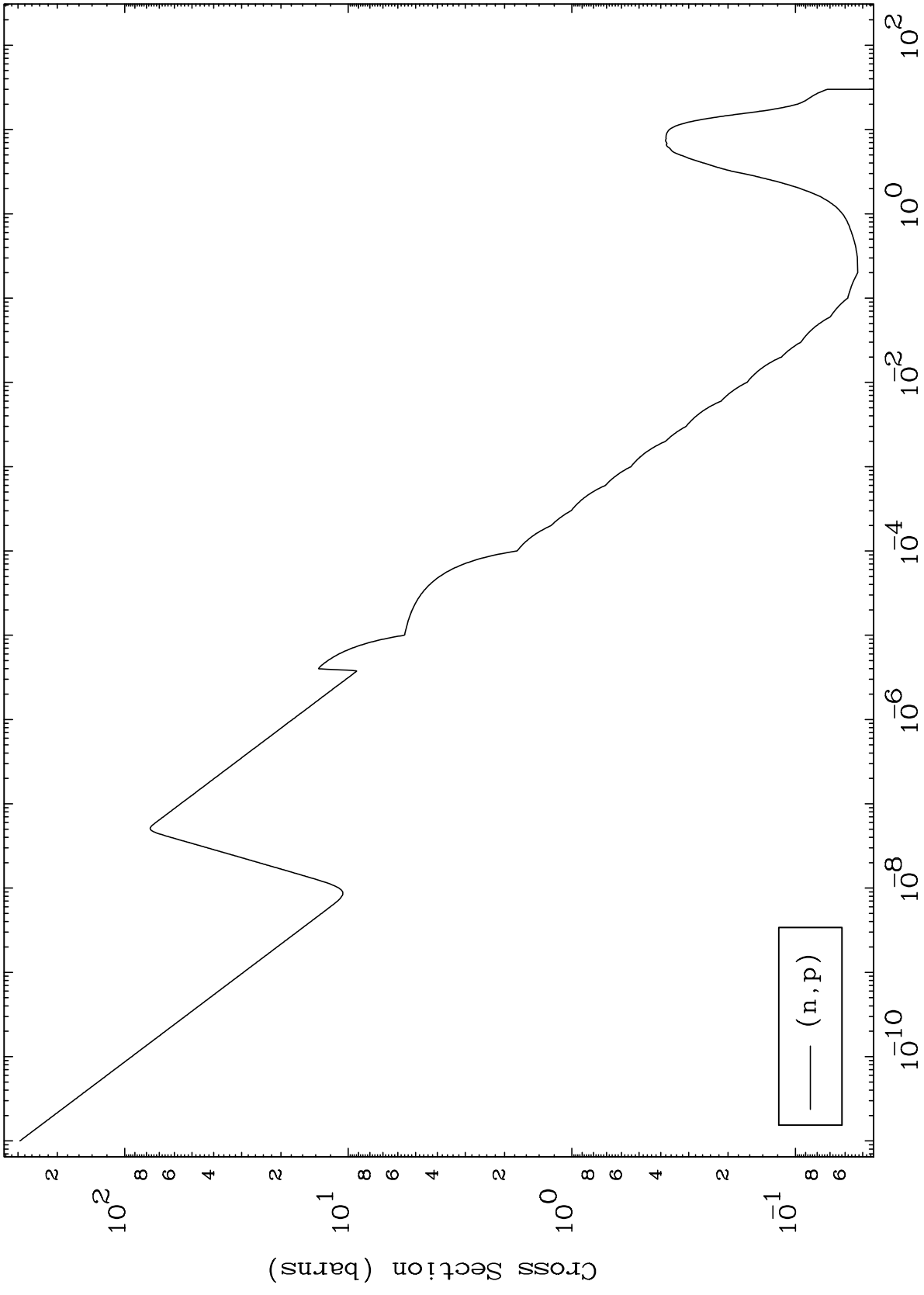
80-Hg-183



MAT 7986

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-183

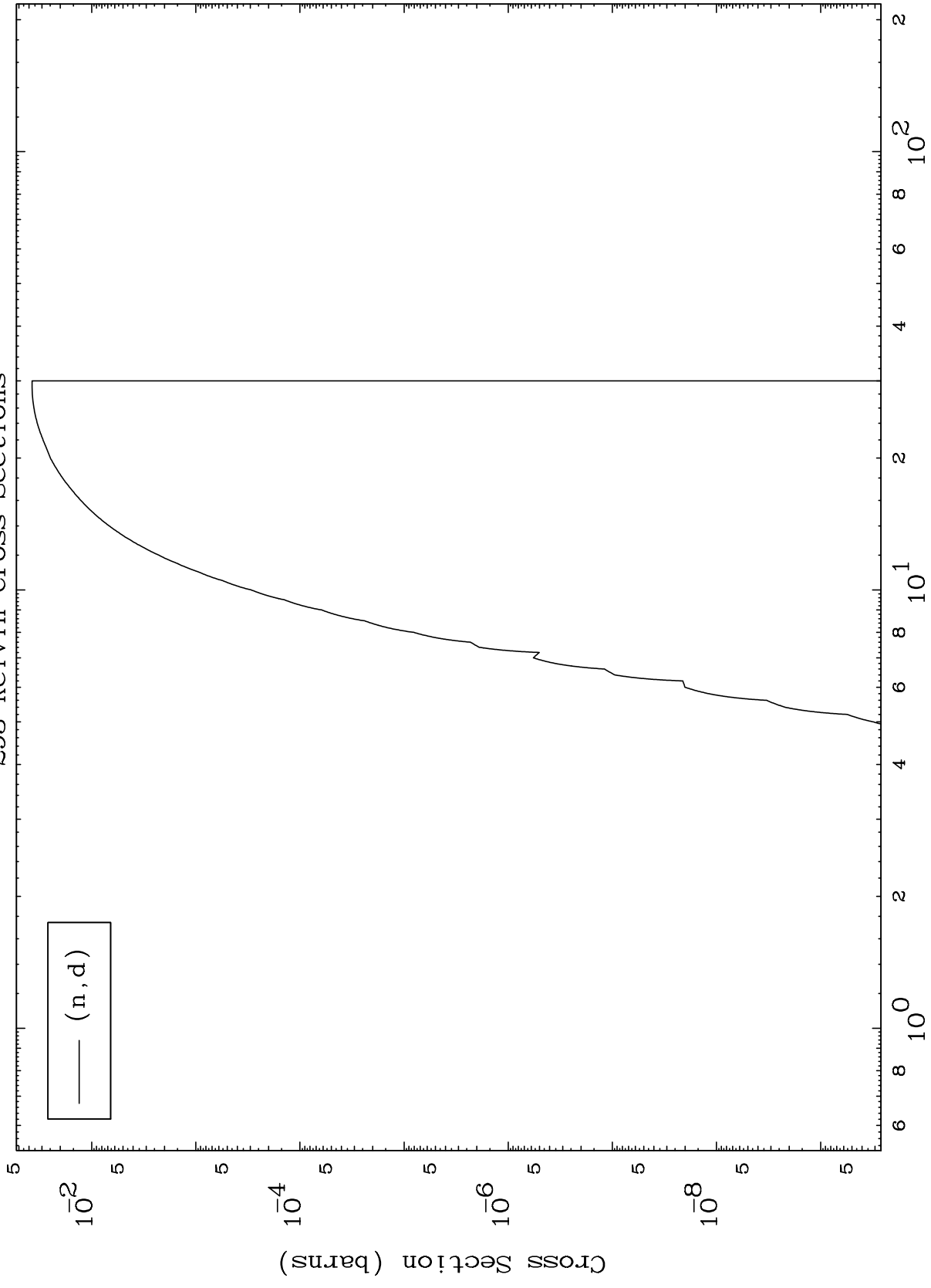


80-Hg-183

MAT 7986

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-183



10

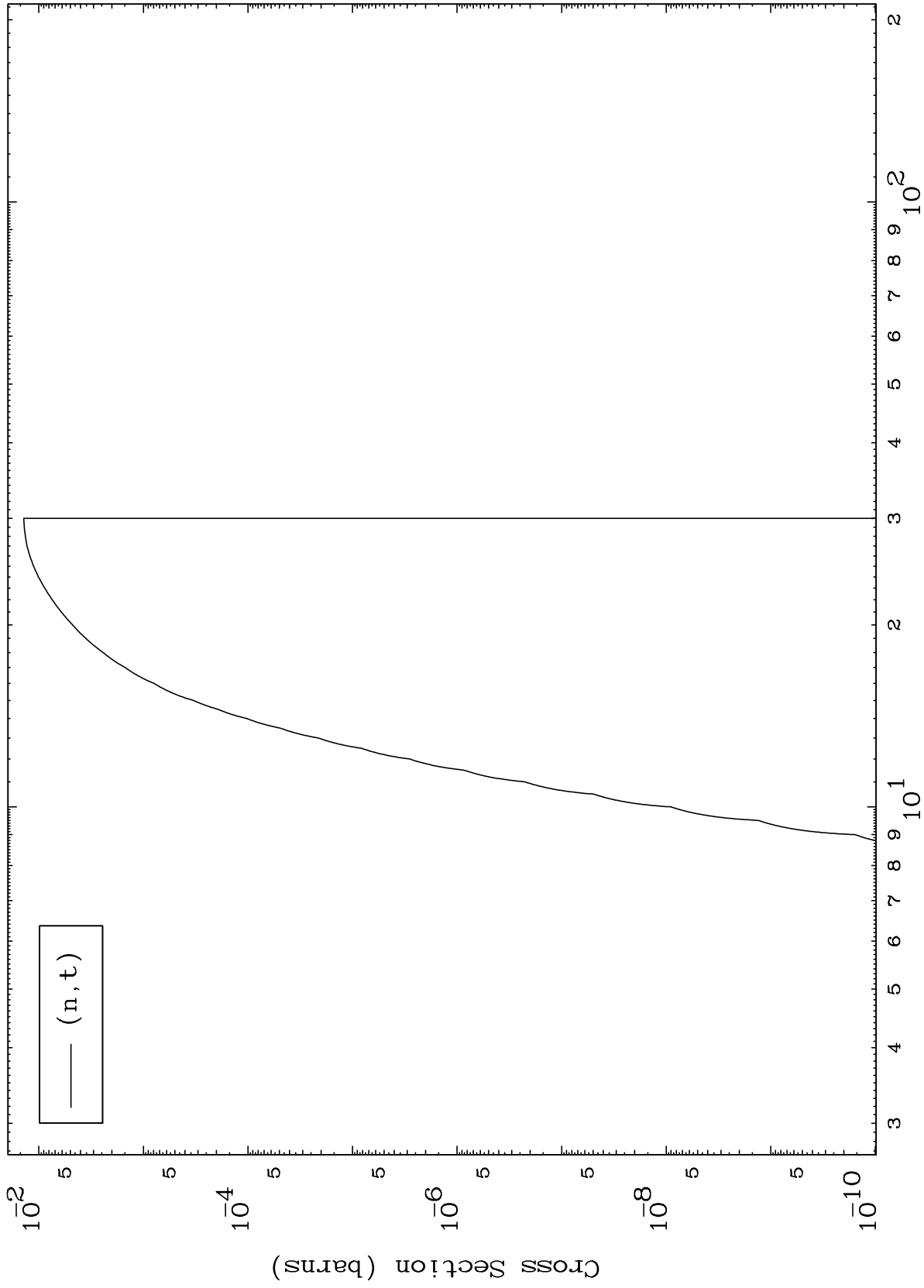
Incident Energy (MeV)

80-Hg-183

MAT 7986

(n,t) Levels
293 Kelvin Cross Sections

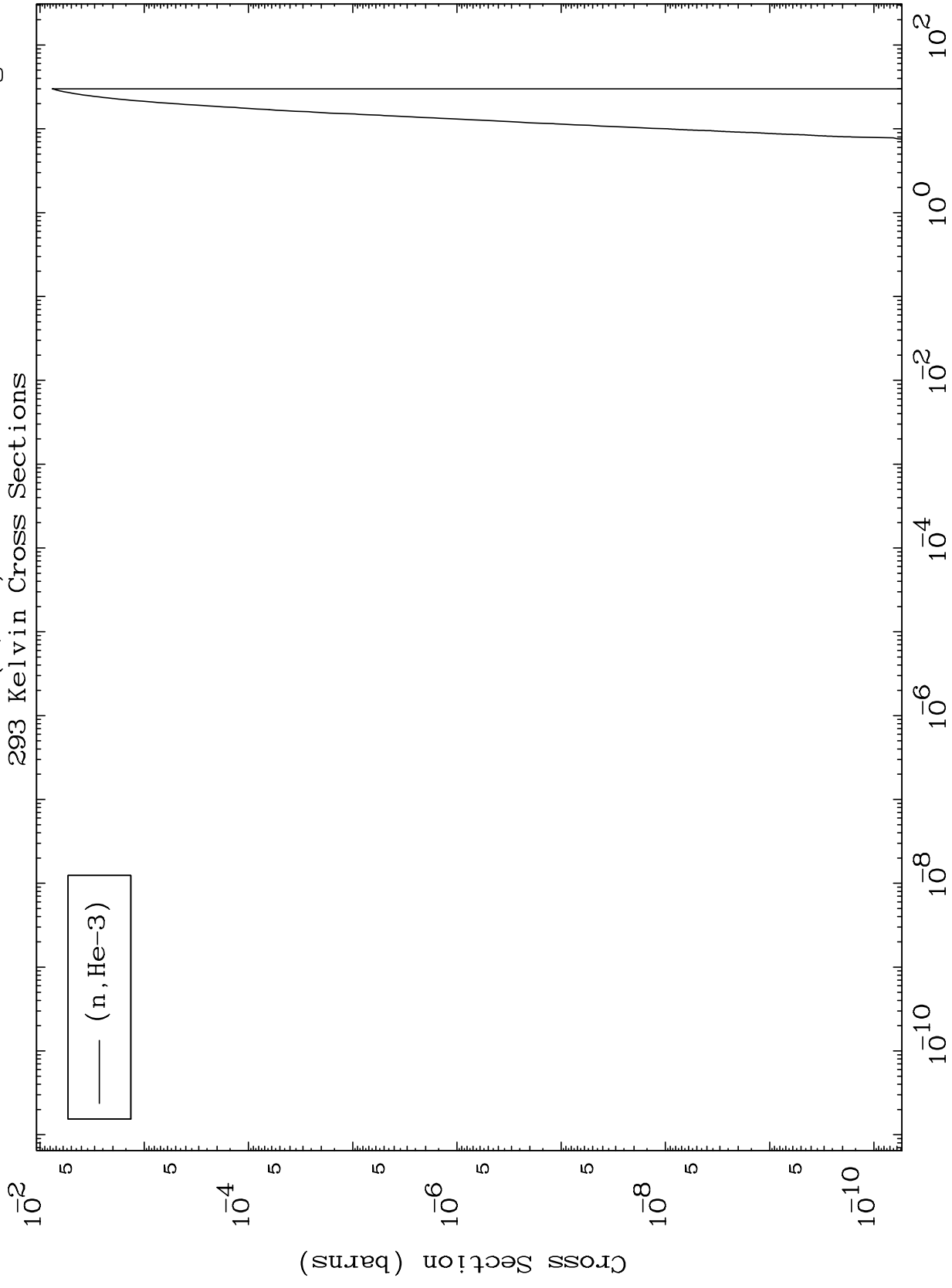
80-Hg-183



MAT 7986

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-183

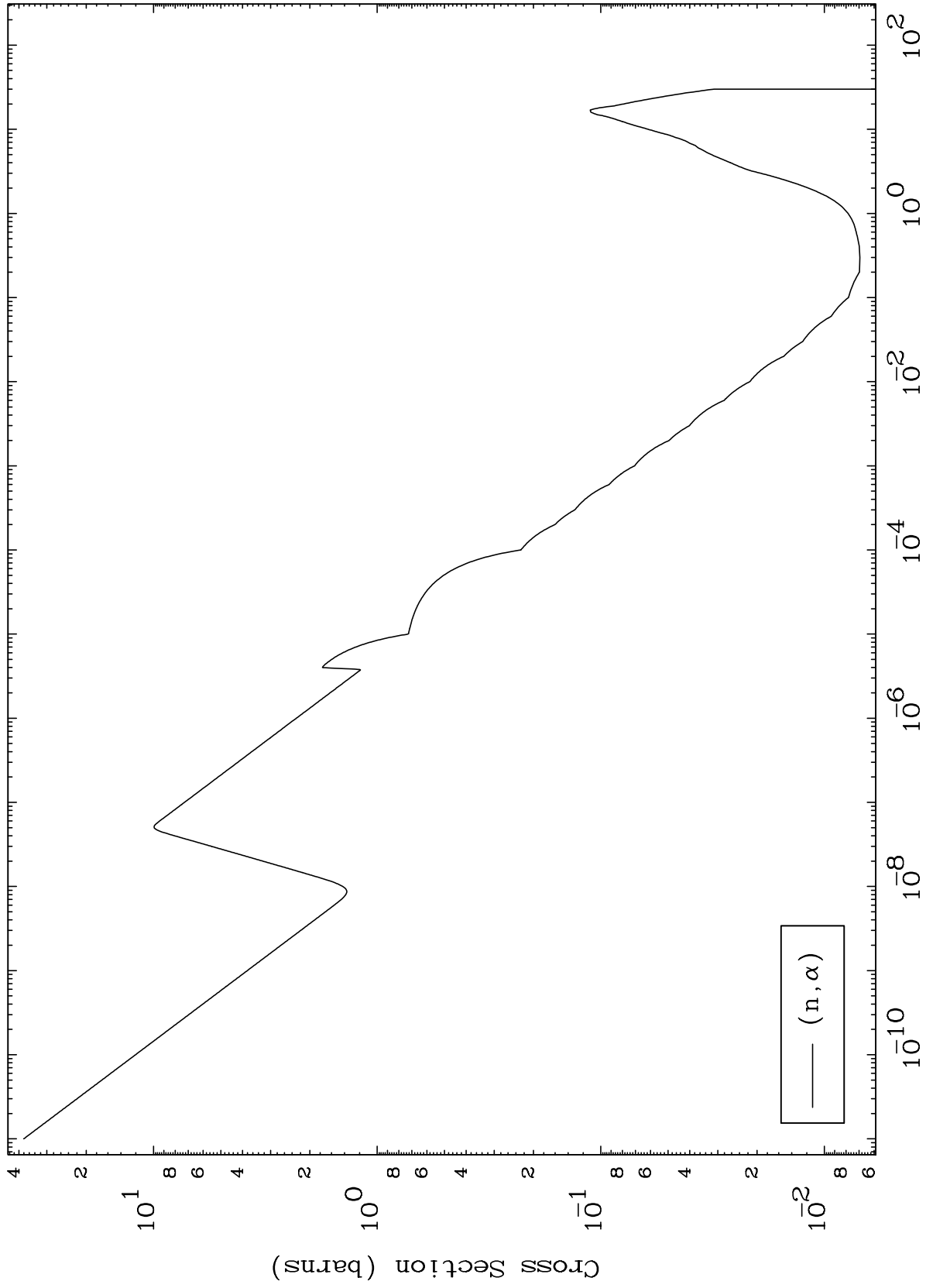


(n, He-3)

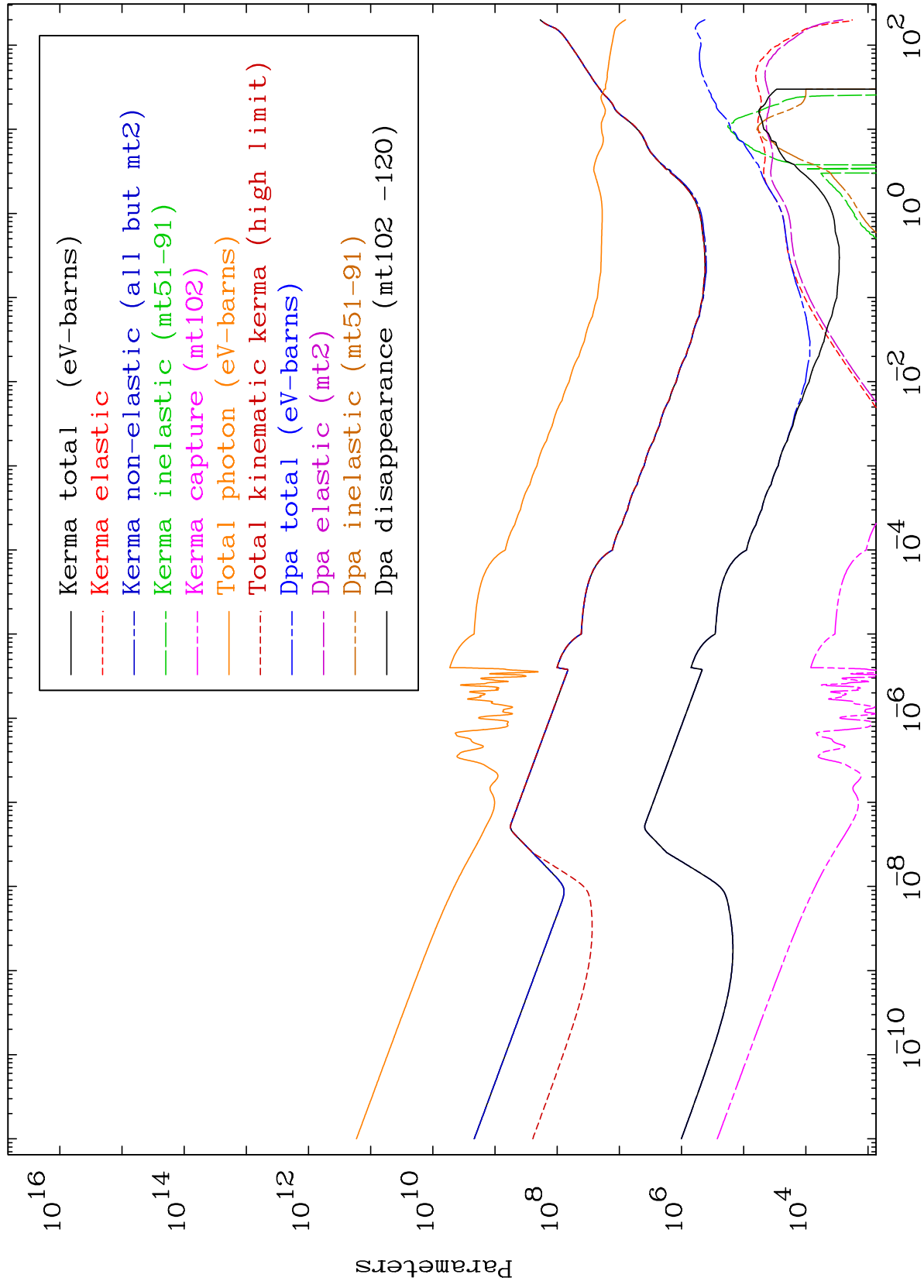
MAT 7986

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-183



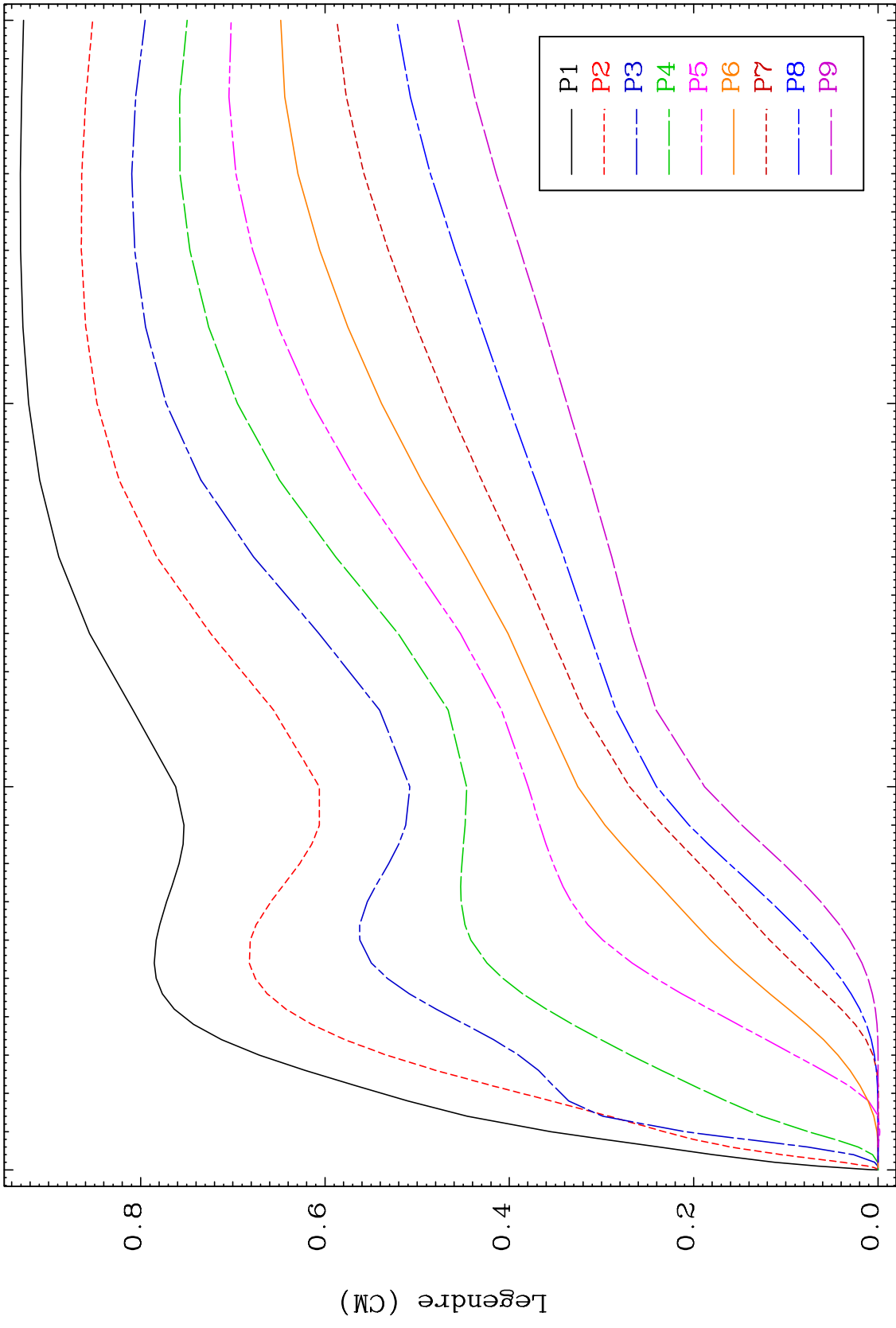
80-Hg-183



MAT 7986

Elastic Legendre Coefficients

80-Hg-183



15

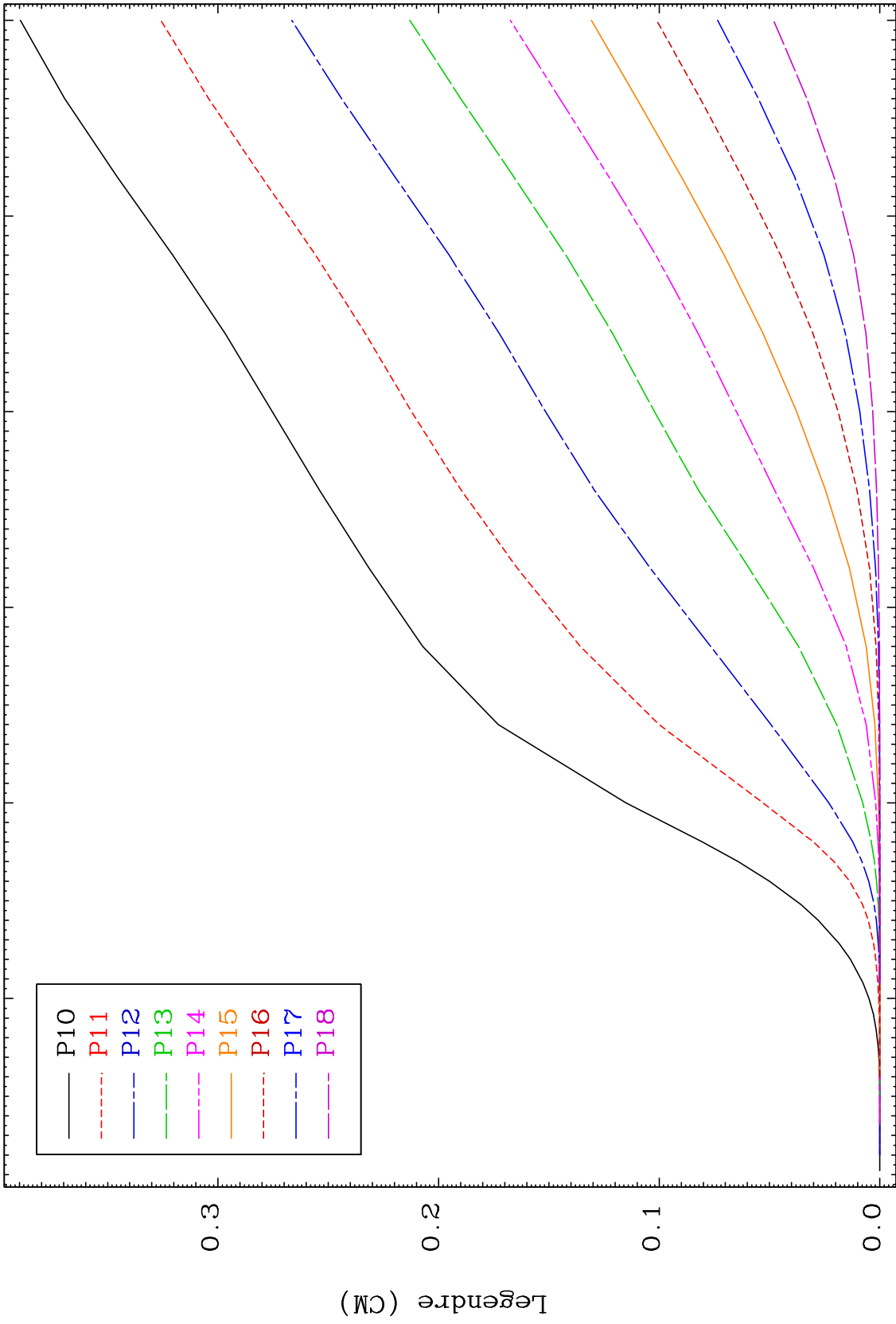
Incident Energy (MeV)

80-Hg-183

MAT 7986

Elastic Legendre Coefficients

80-Hg-183



16

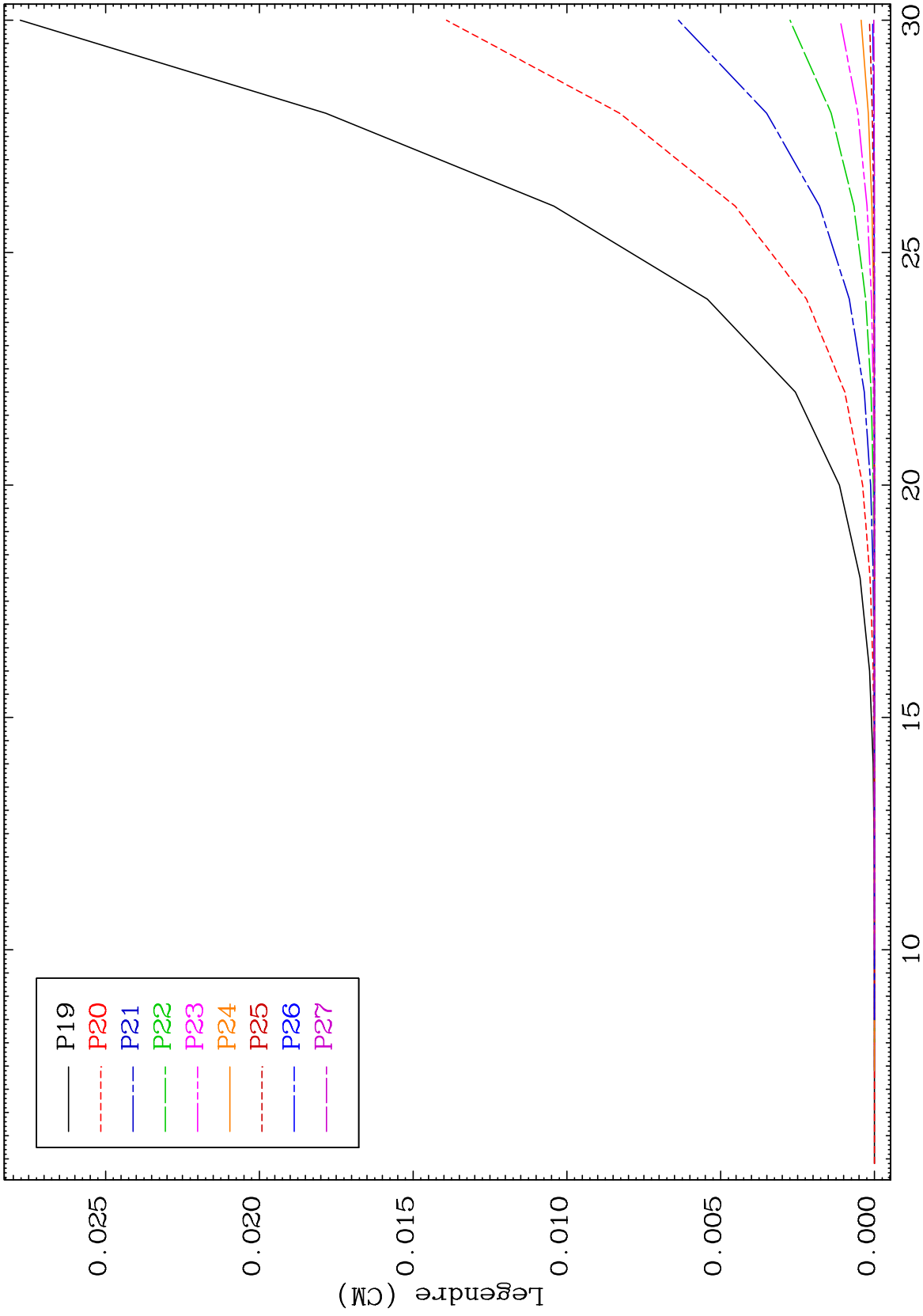
Incident Energy (MeV)

80-Hg-183

MAT 7986

Elastic Legendre Coefficients

80-Hg-183



17

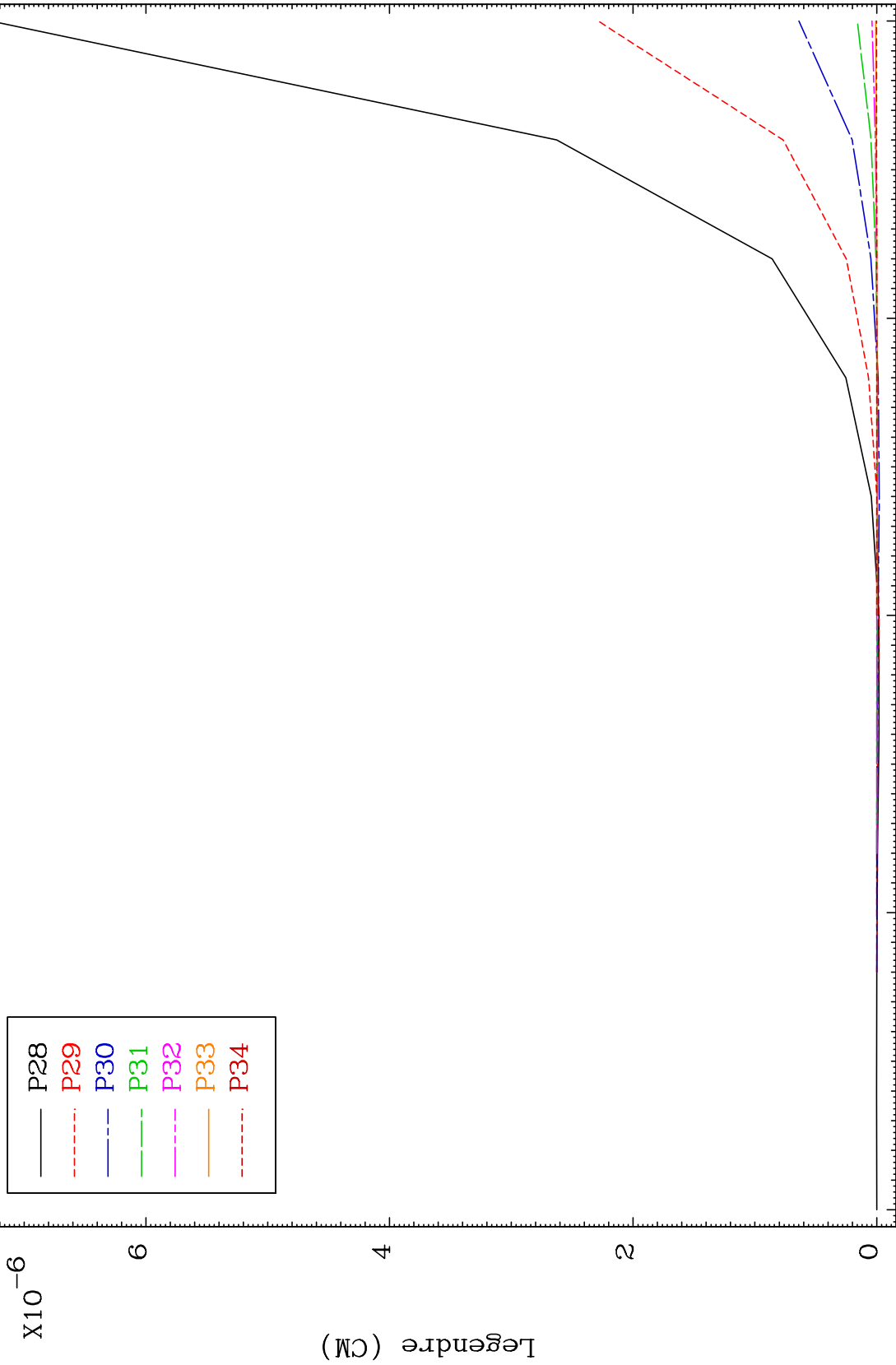
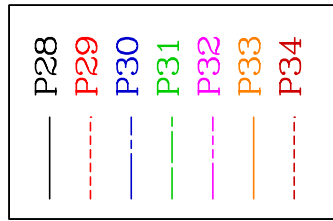
Incident Energy (MeV)

80-Hg-183

MAT 7986

Elastic Legendre Coefficients

80-Hg-183



18

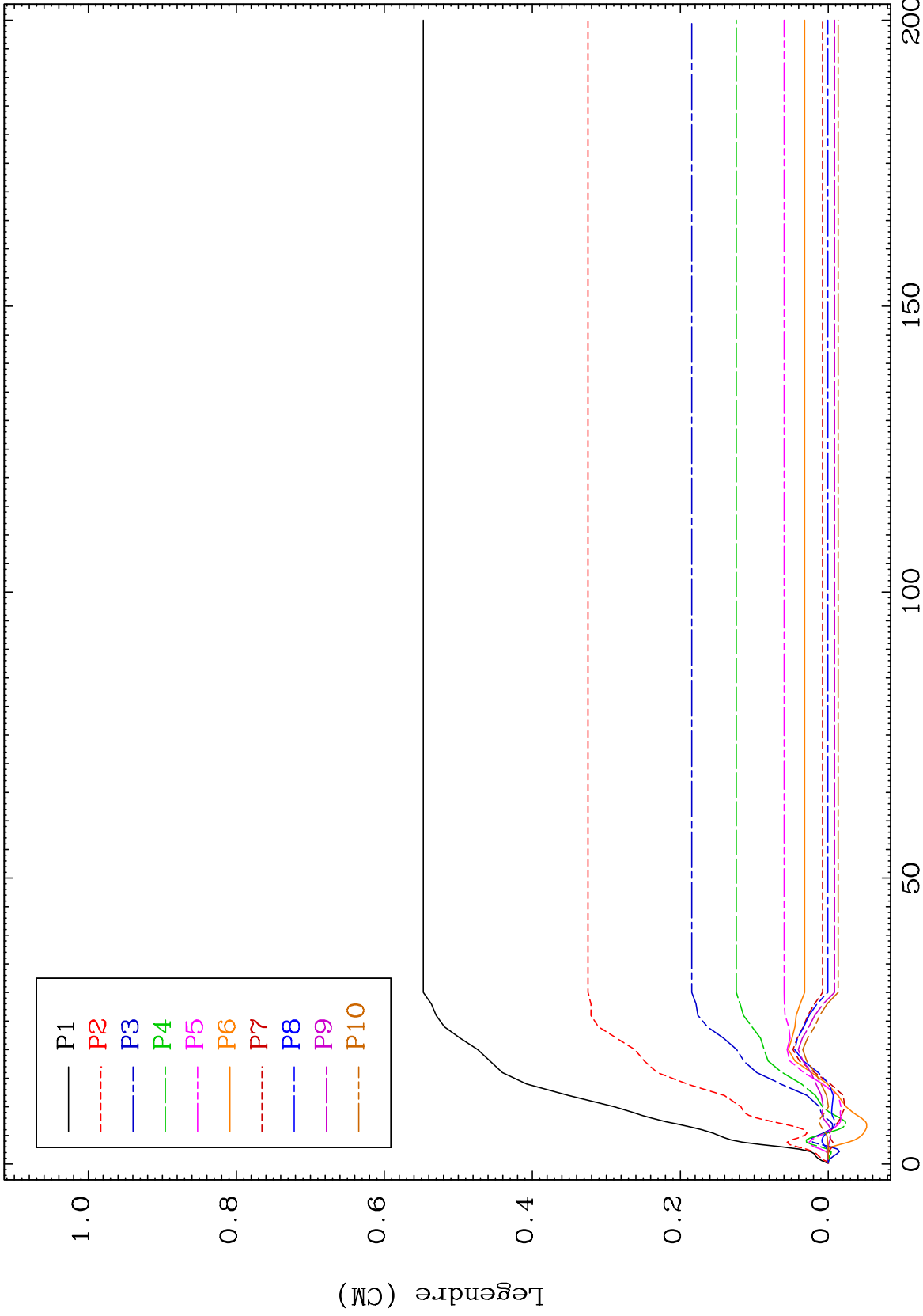
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



19

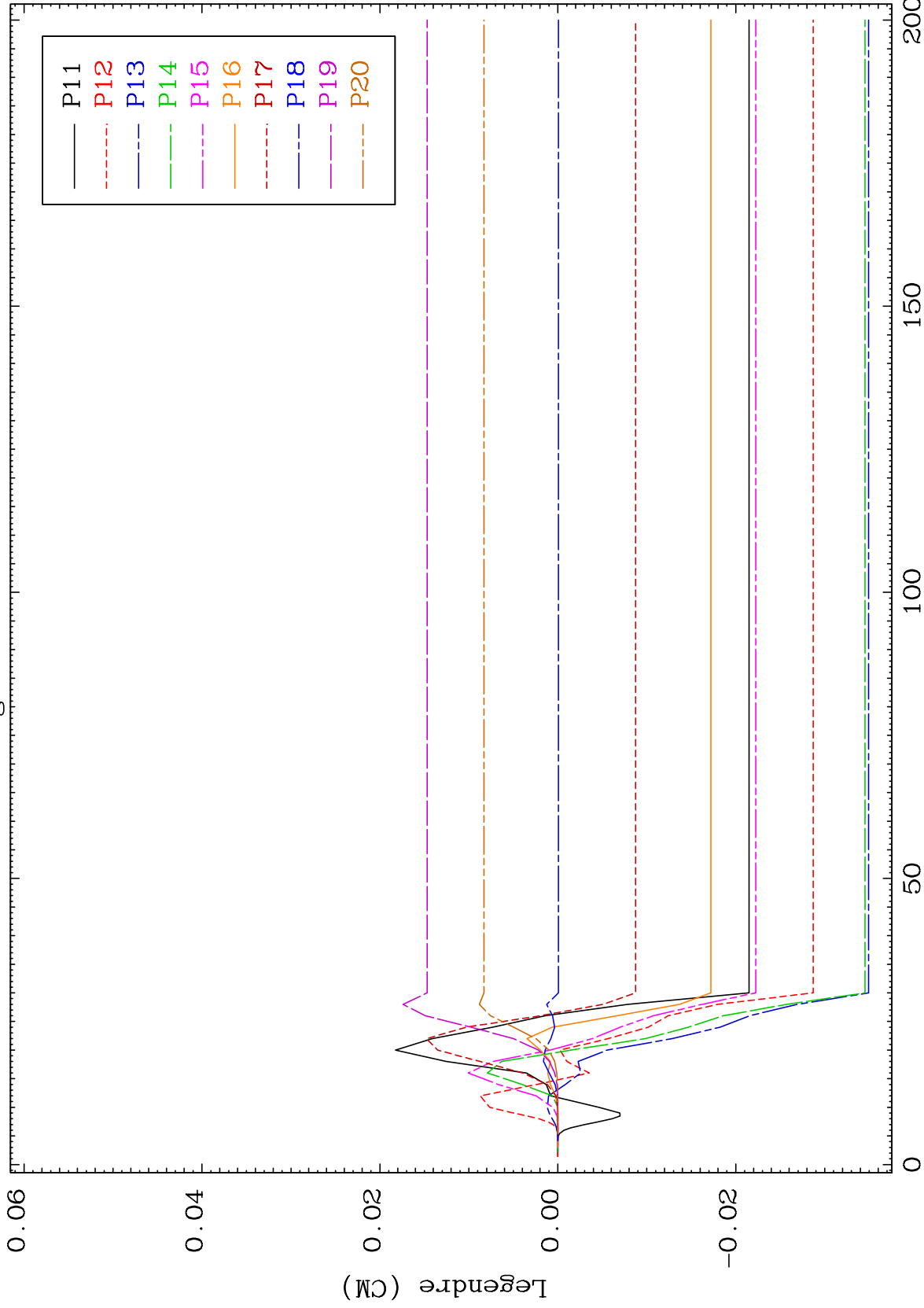
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



20

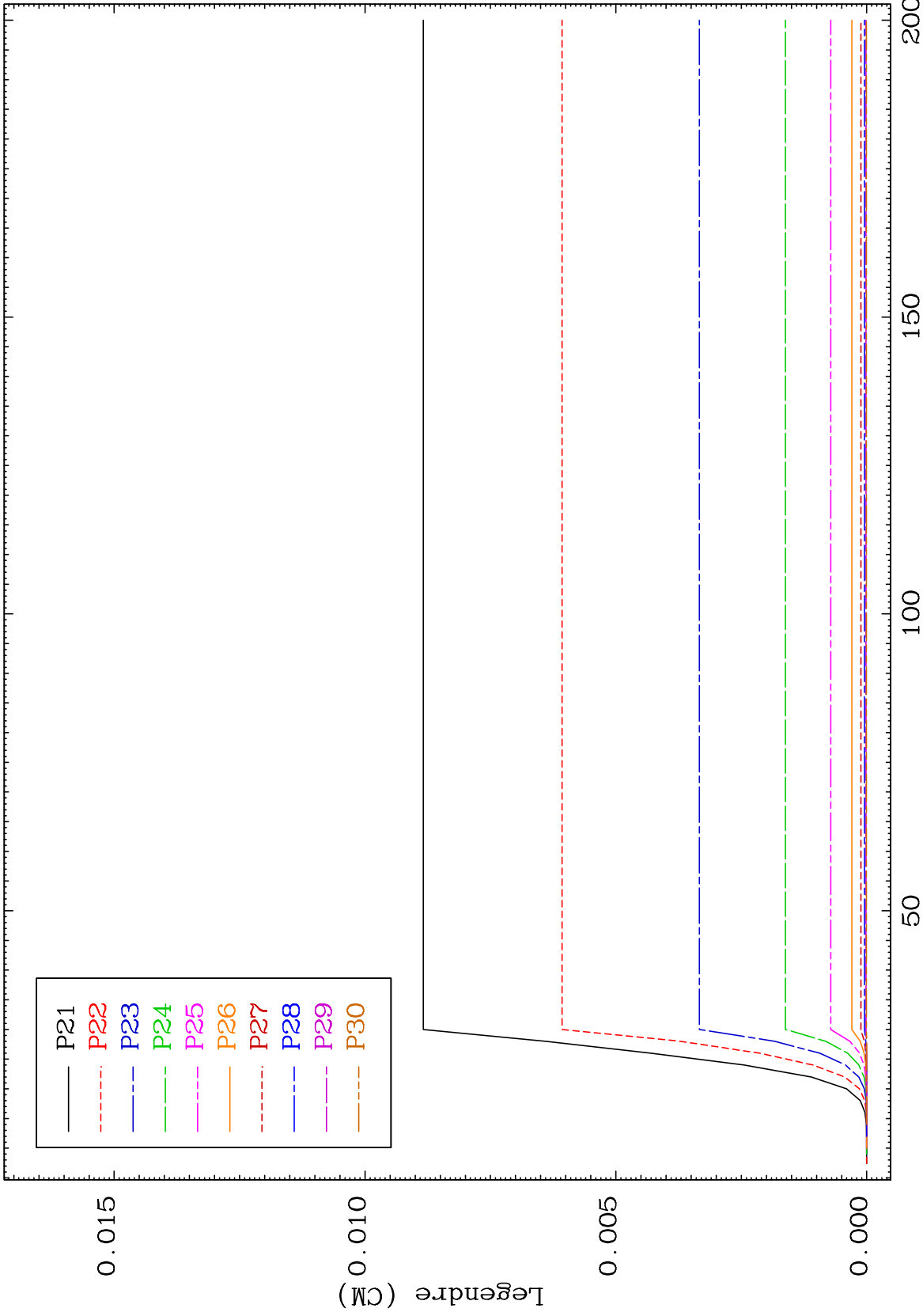
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

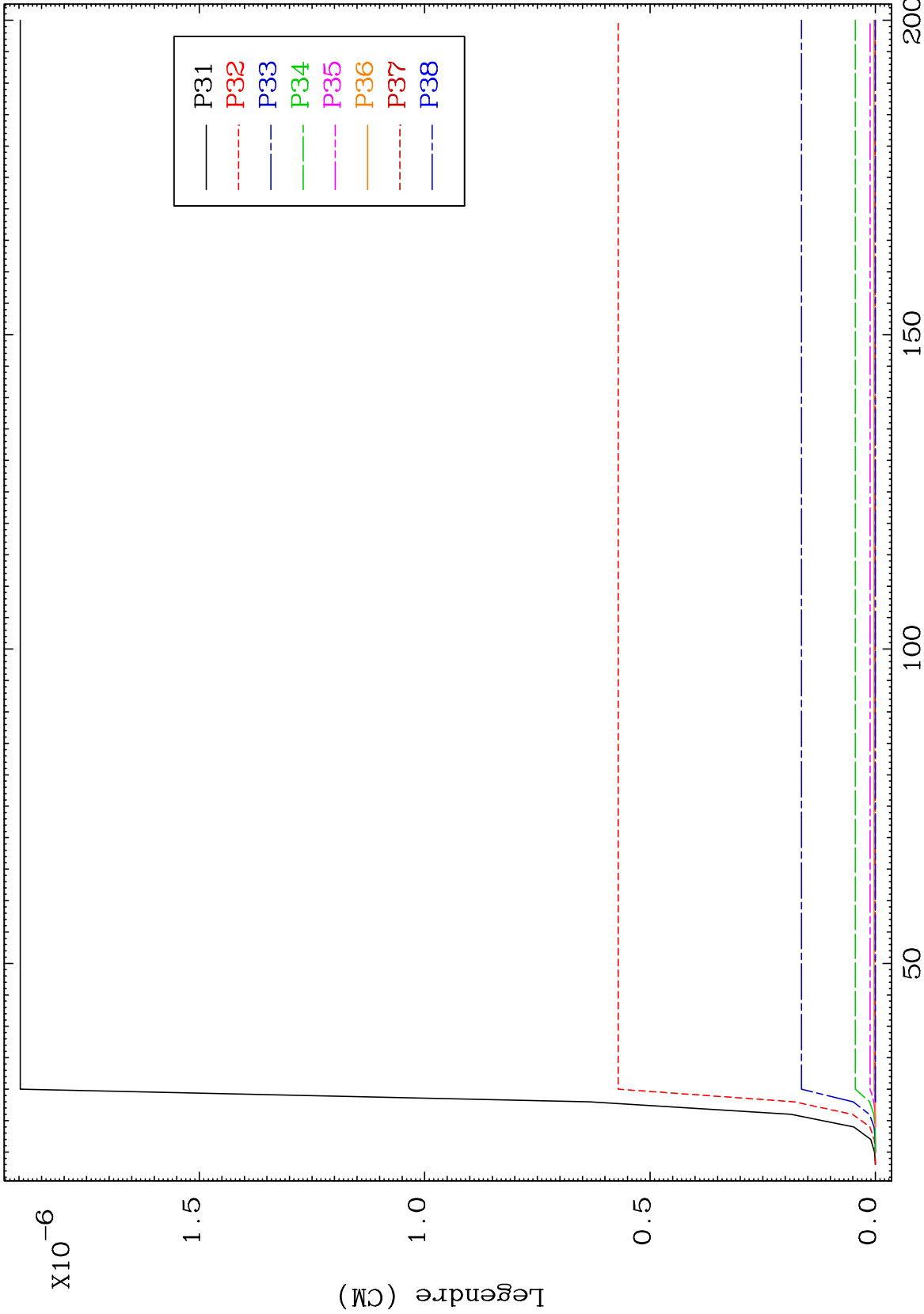
80-Hg-183



MAT 7986

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

80-Hg-183



22

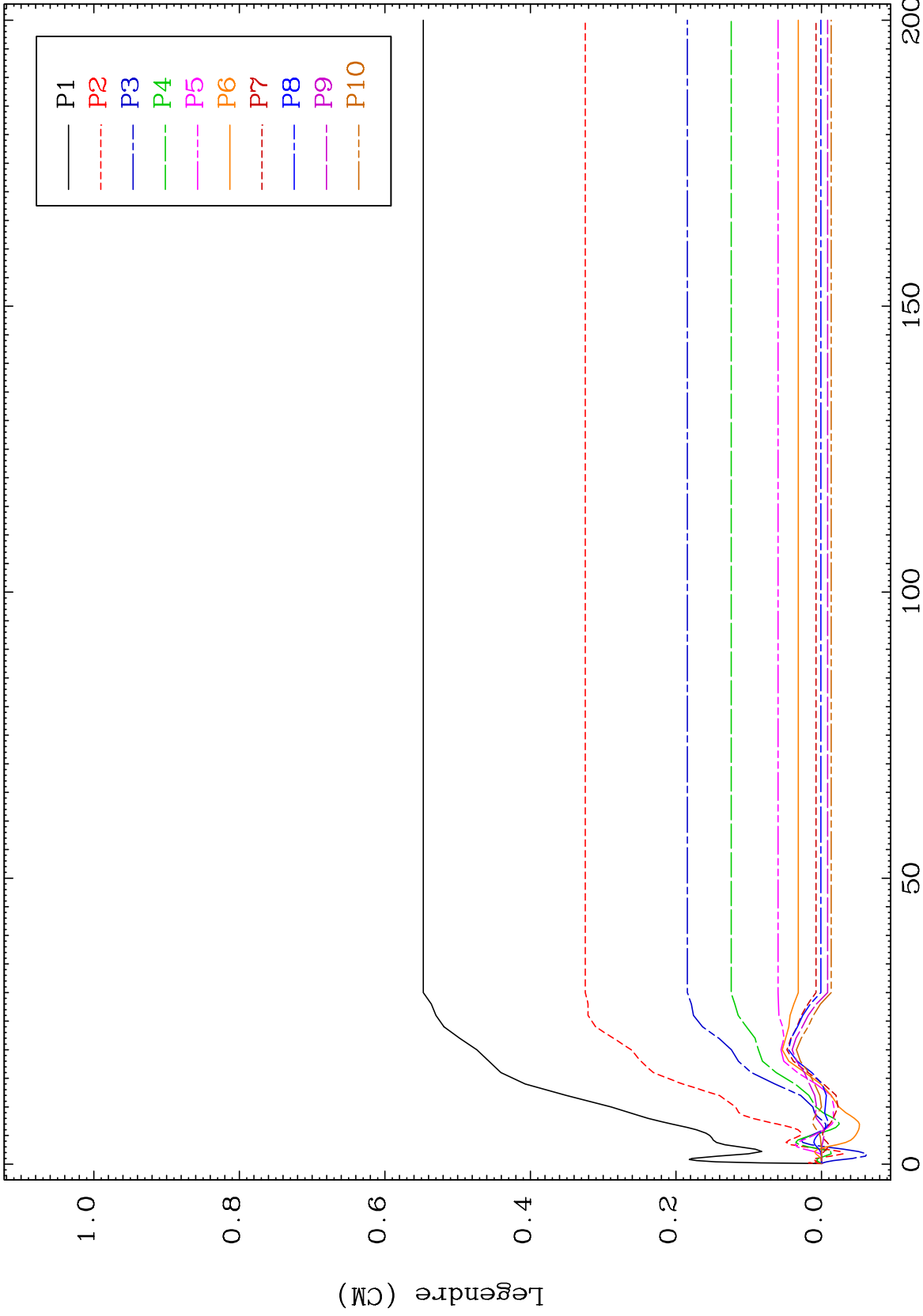
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



23

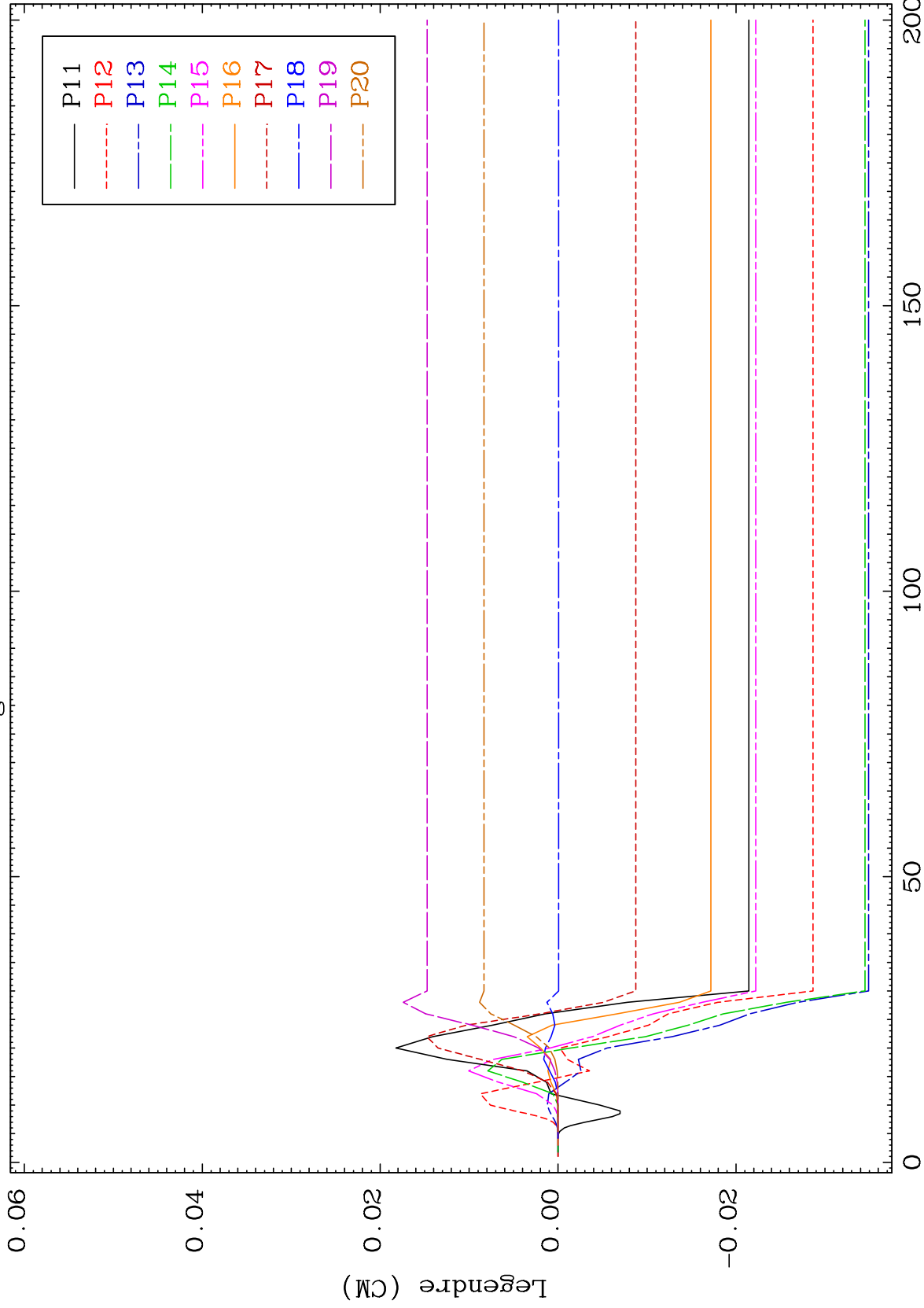
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



24

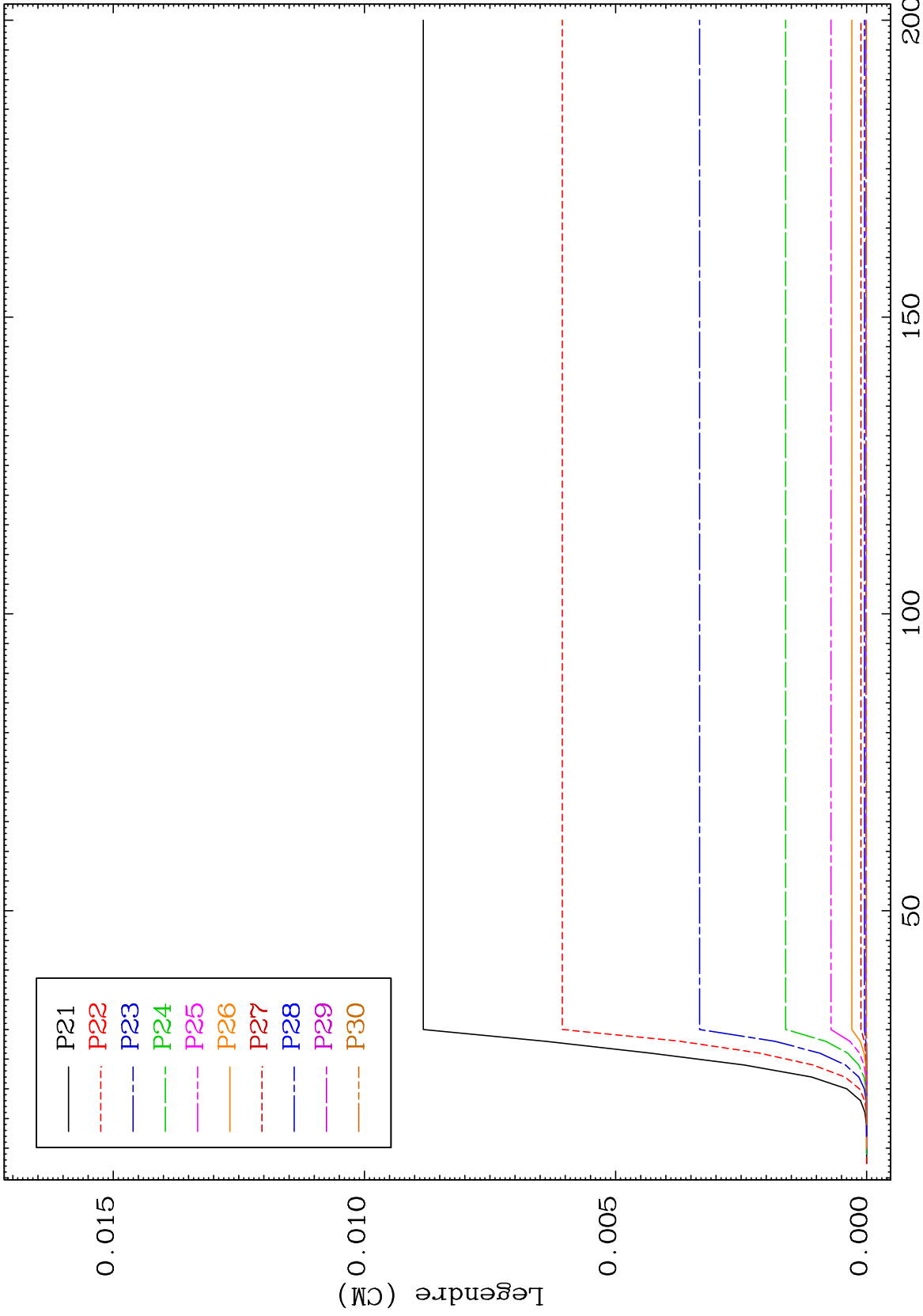
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



25

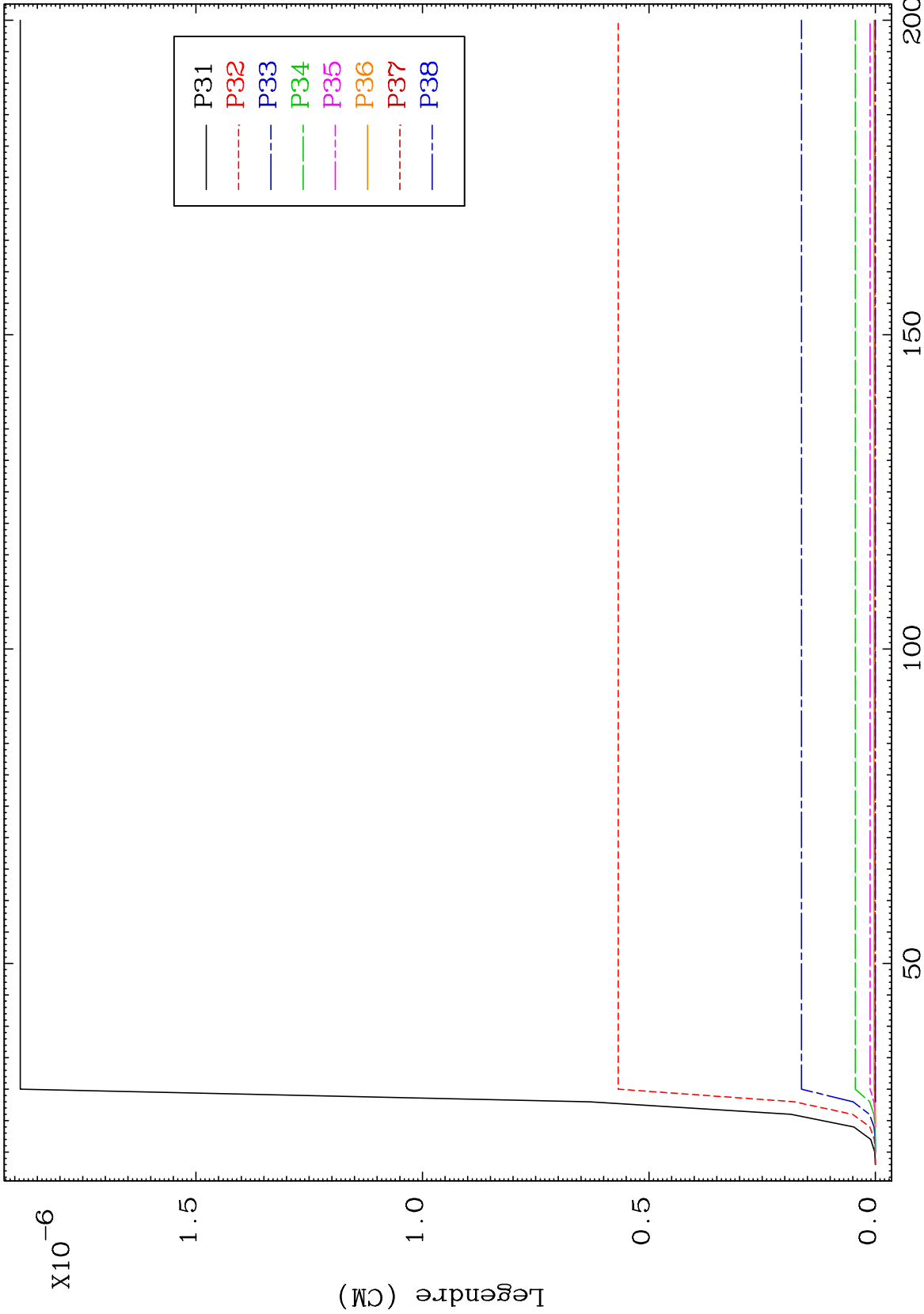
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



26

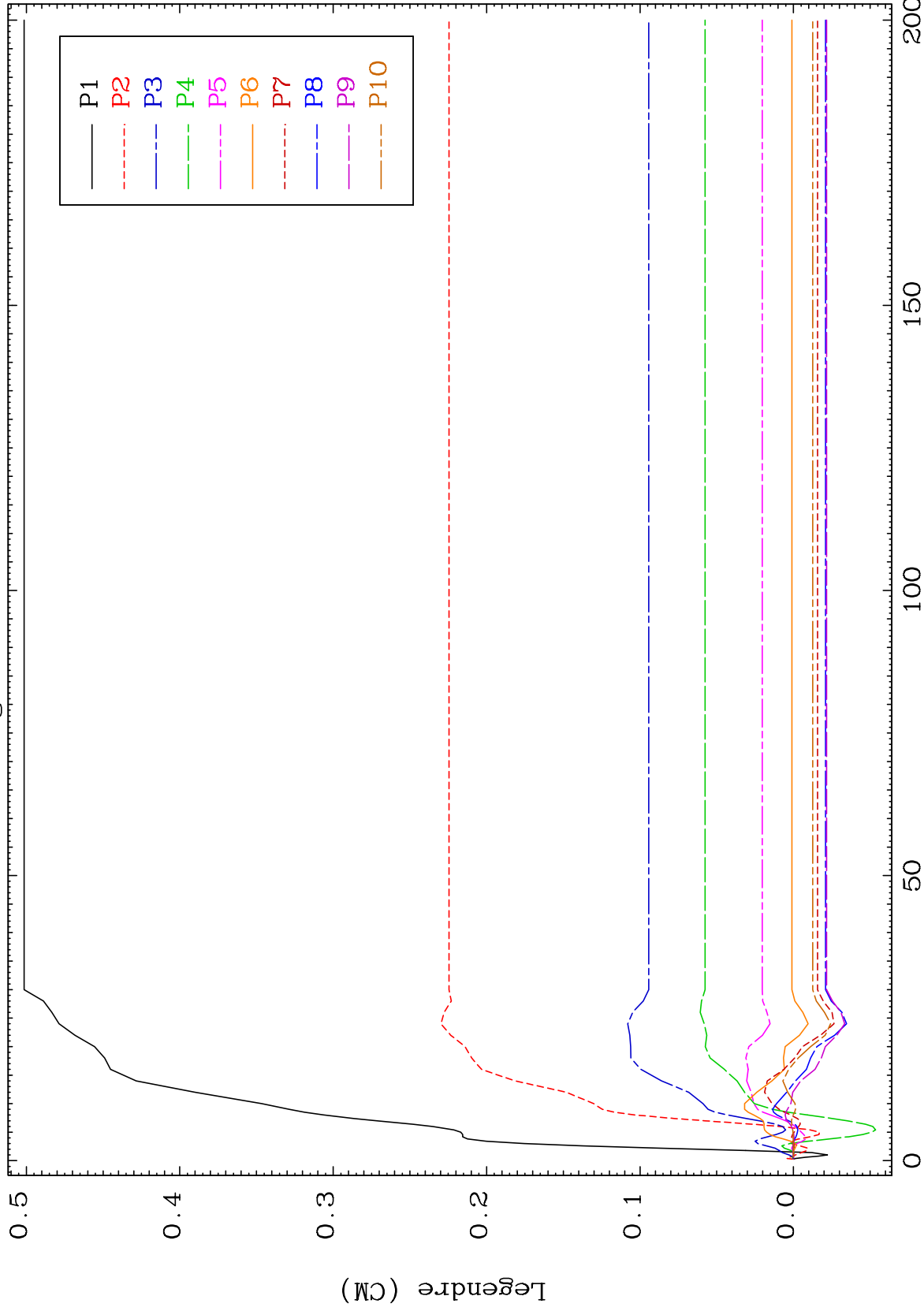
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



27

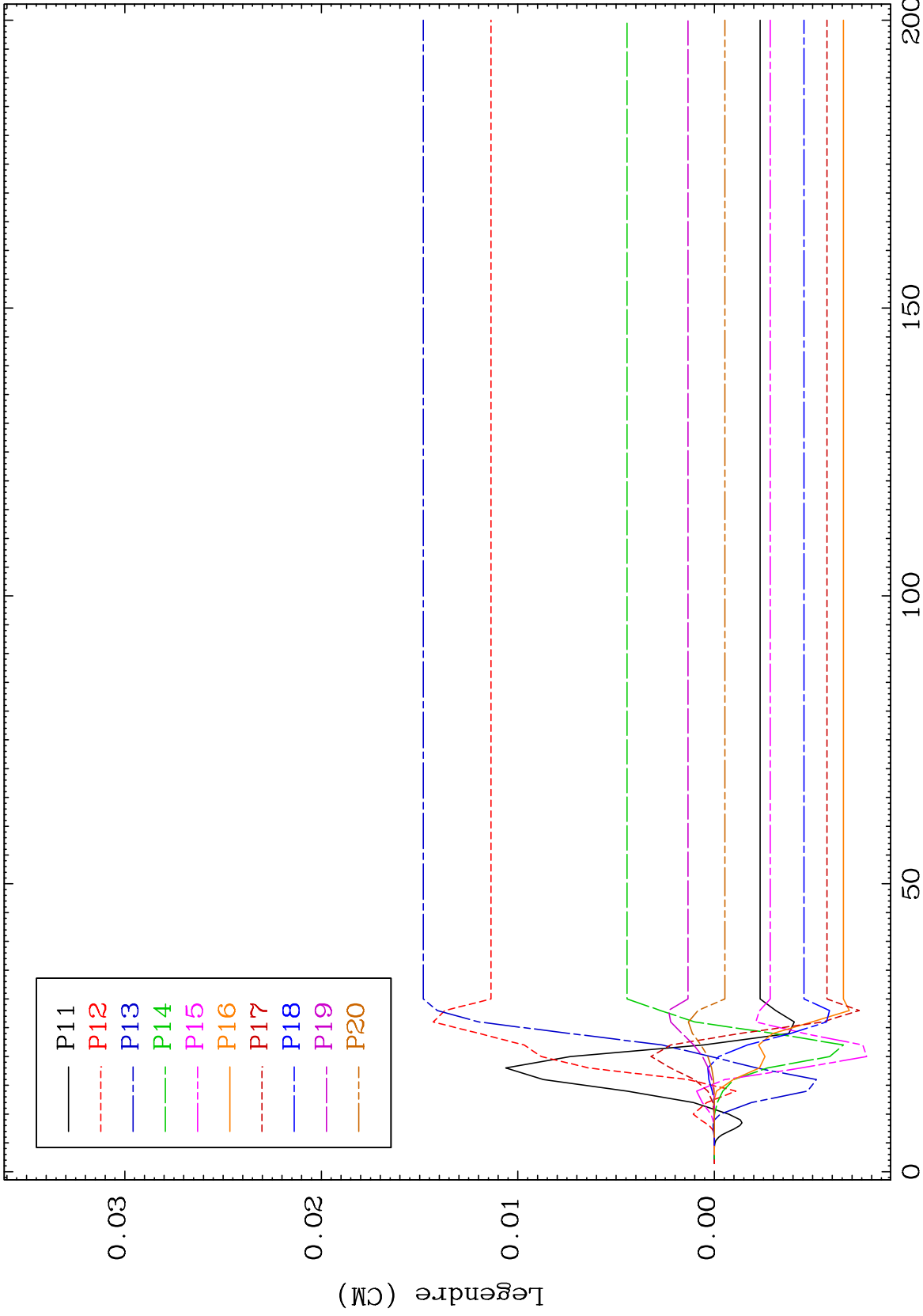
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



28

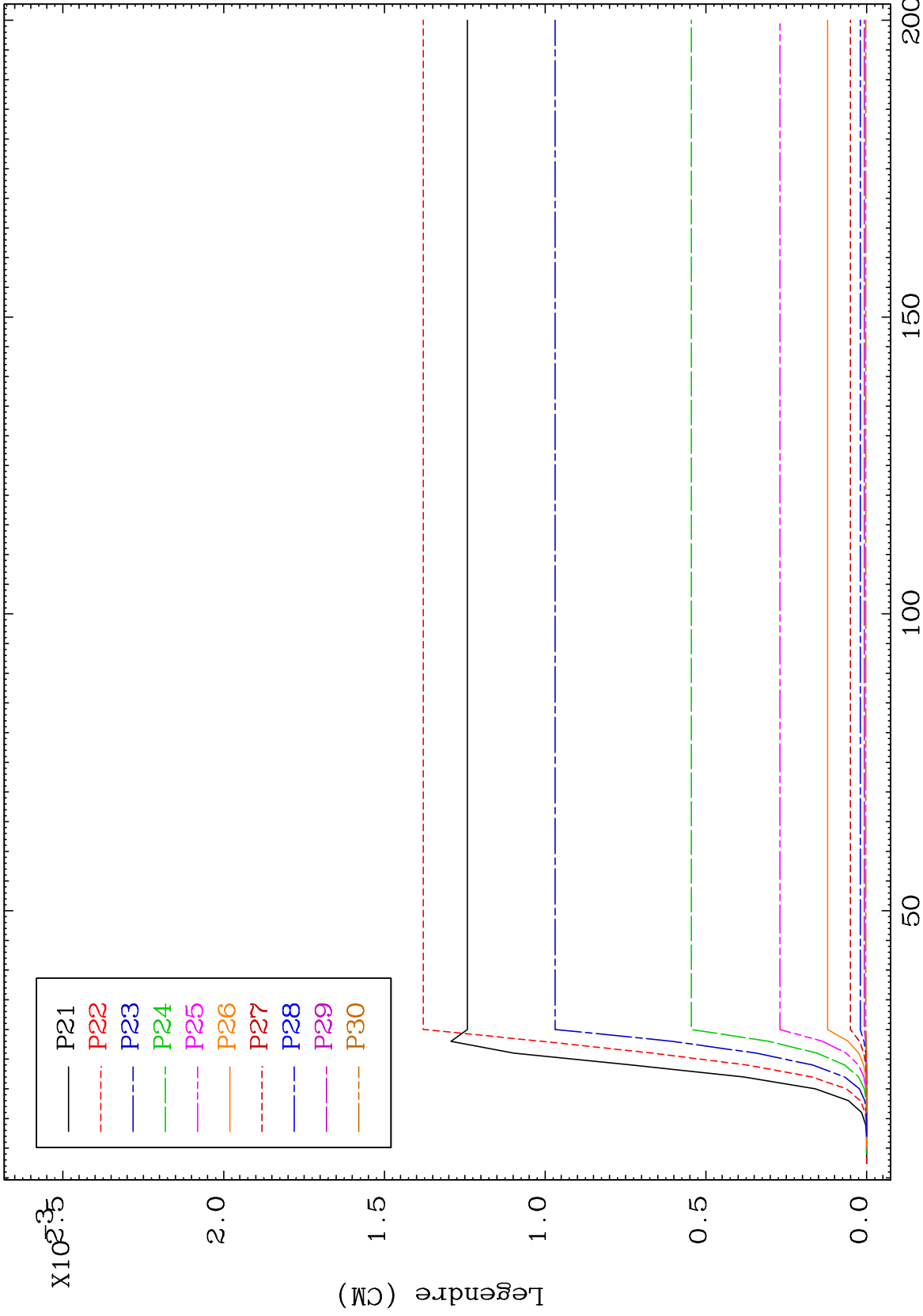
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



29

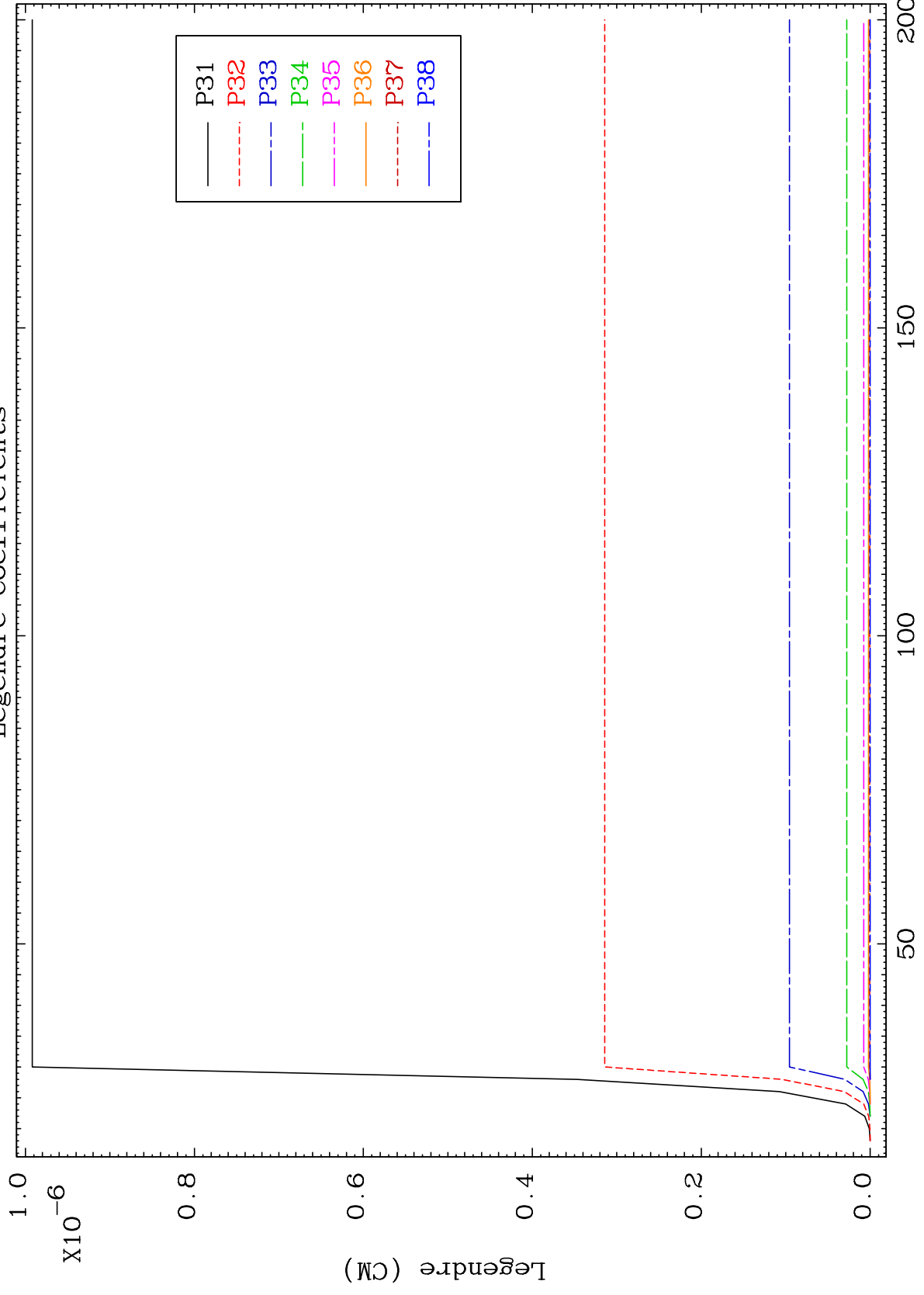
80-Hg-183

80-Hg-183

MAT 7986

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

80-Hg-183



80-Hg-183

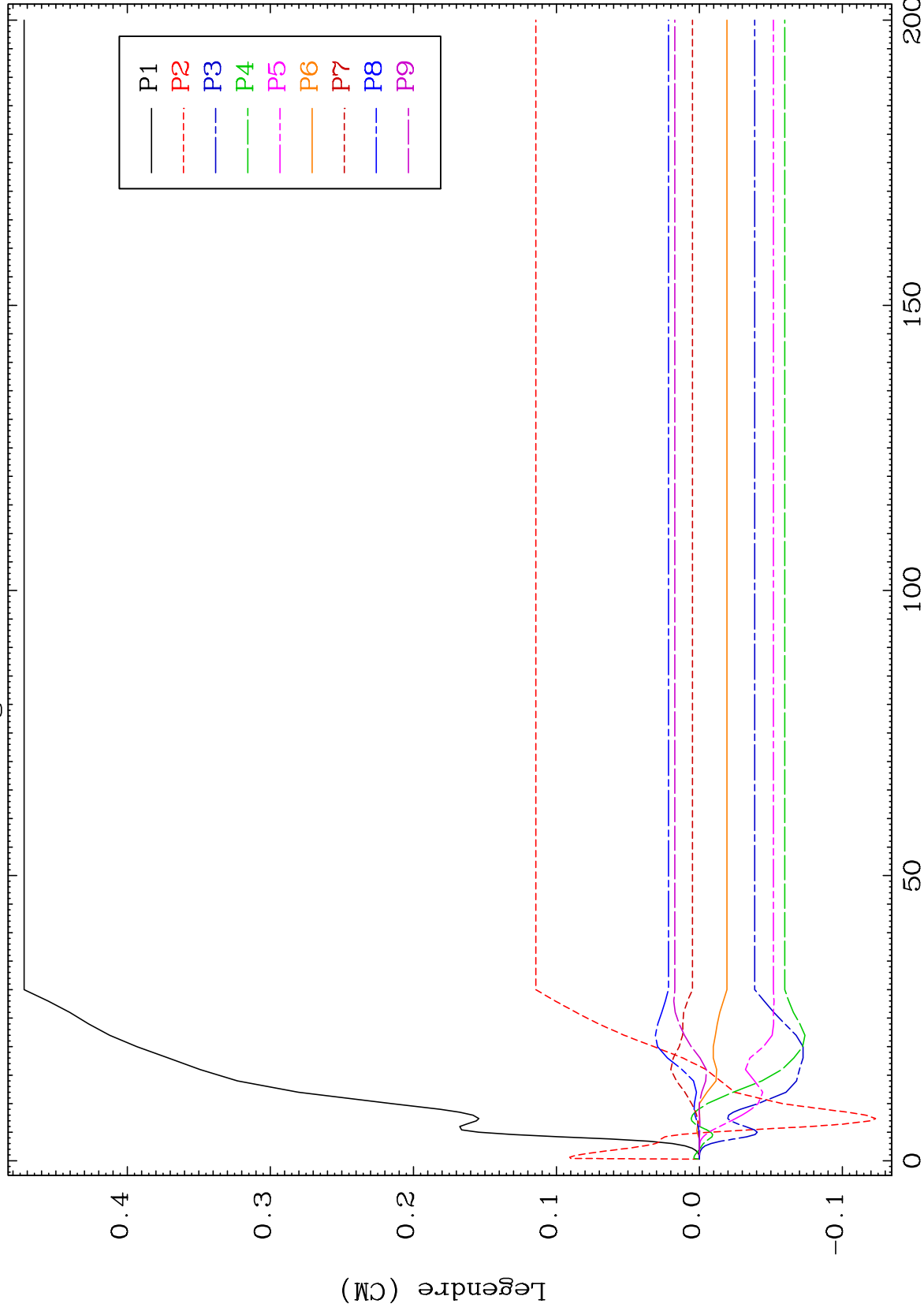
Incident Energy (MeV)

30

MAT 7986

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

80-Hg-183



31

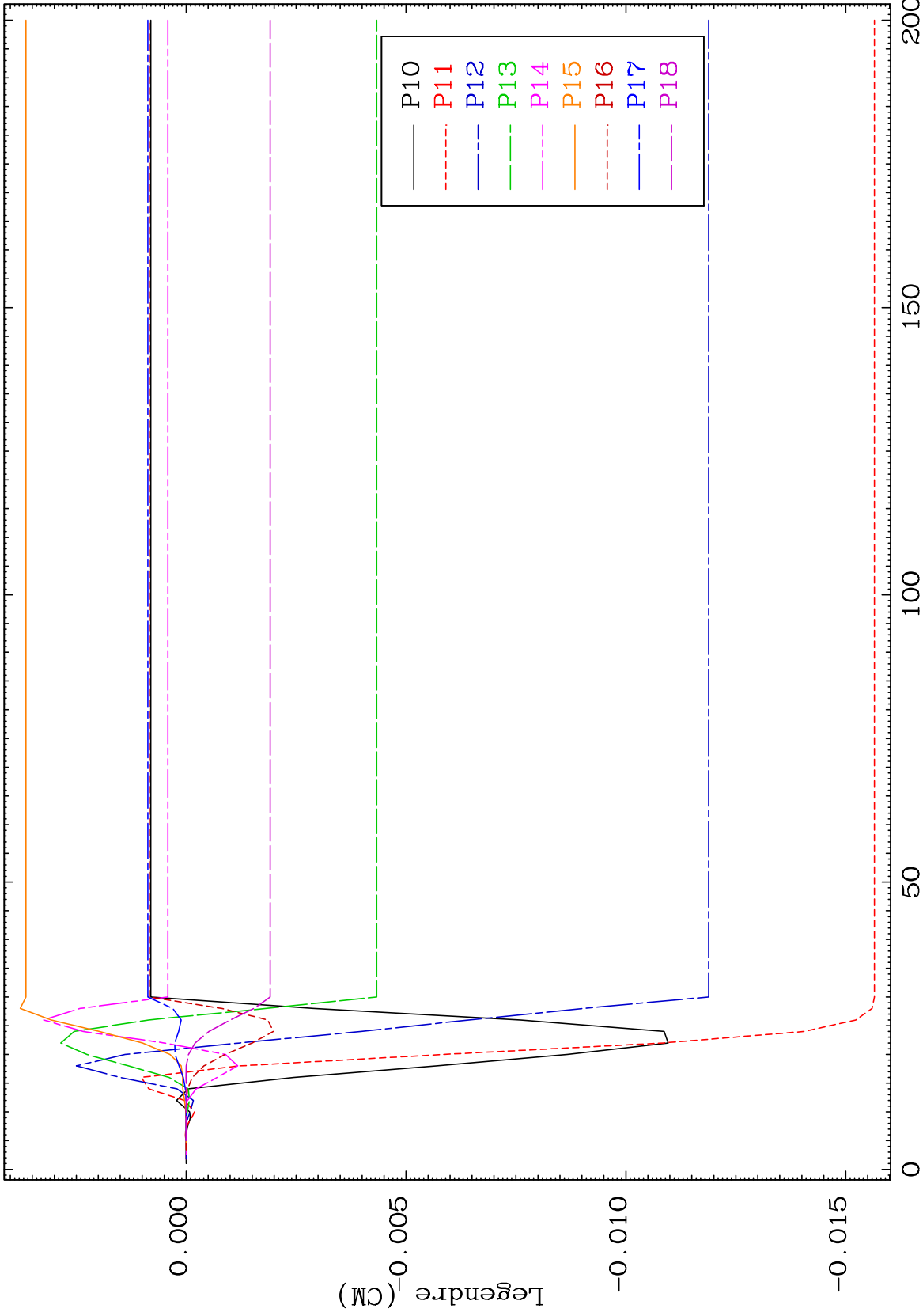
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



32

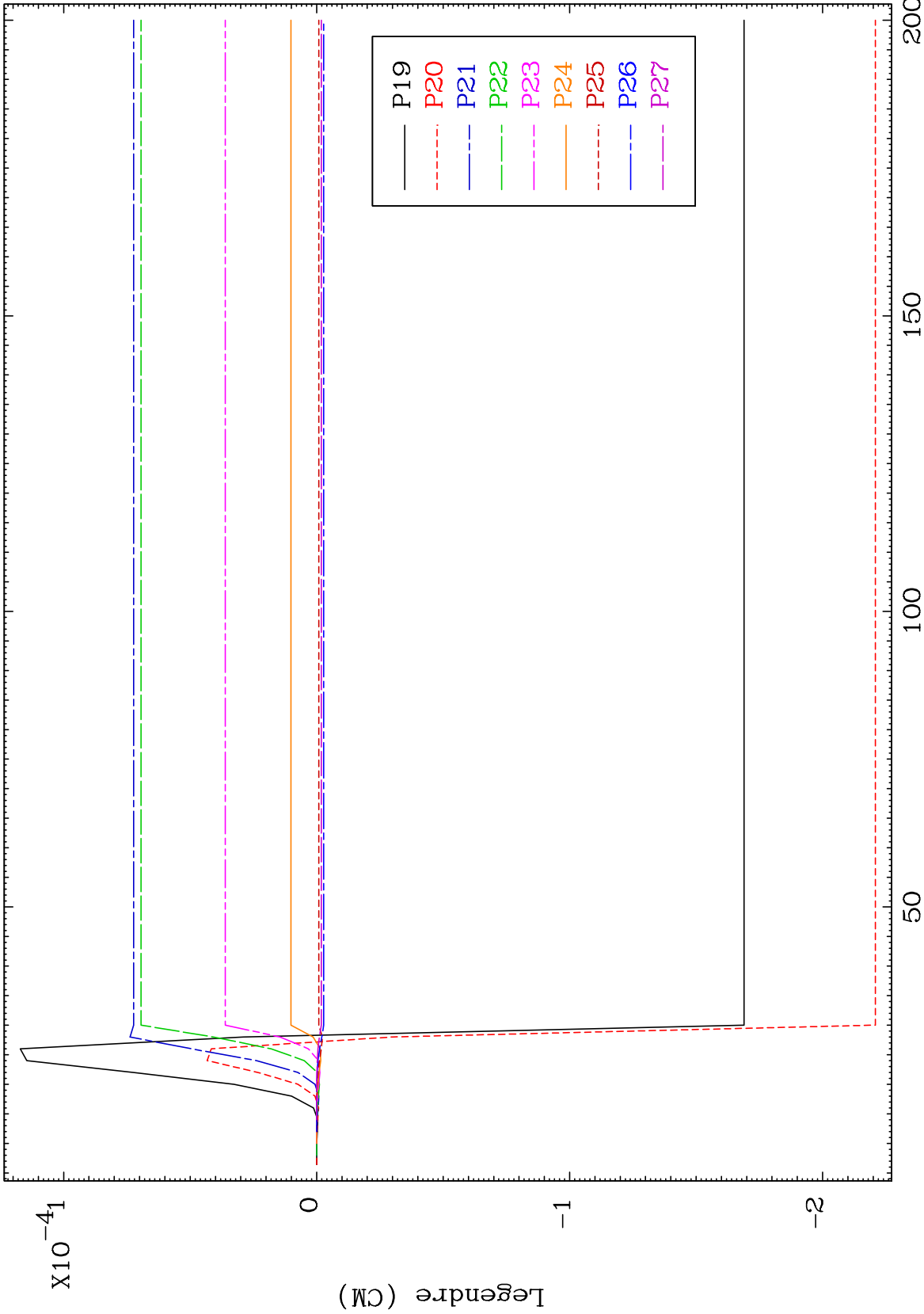
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



33

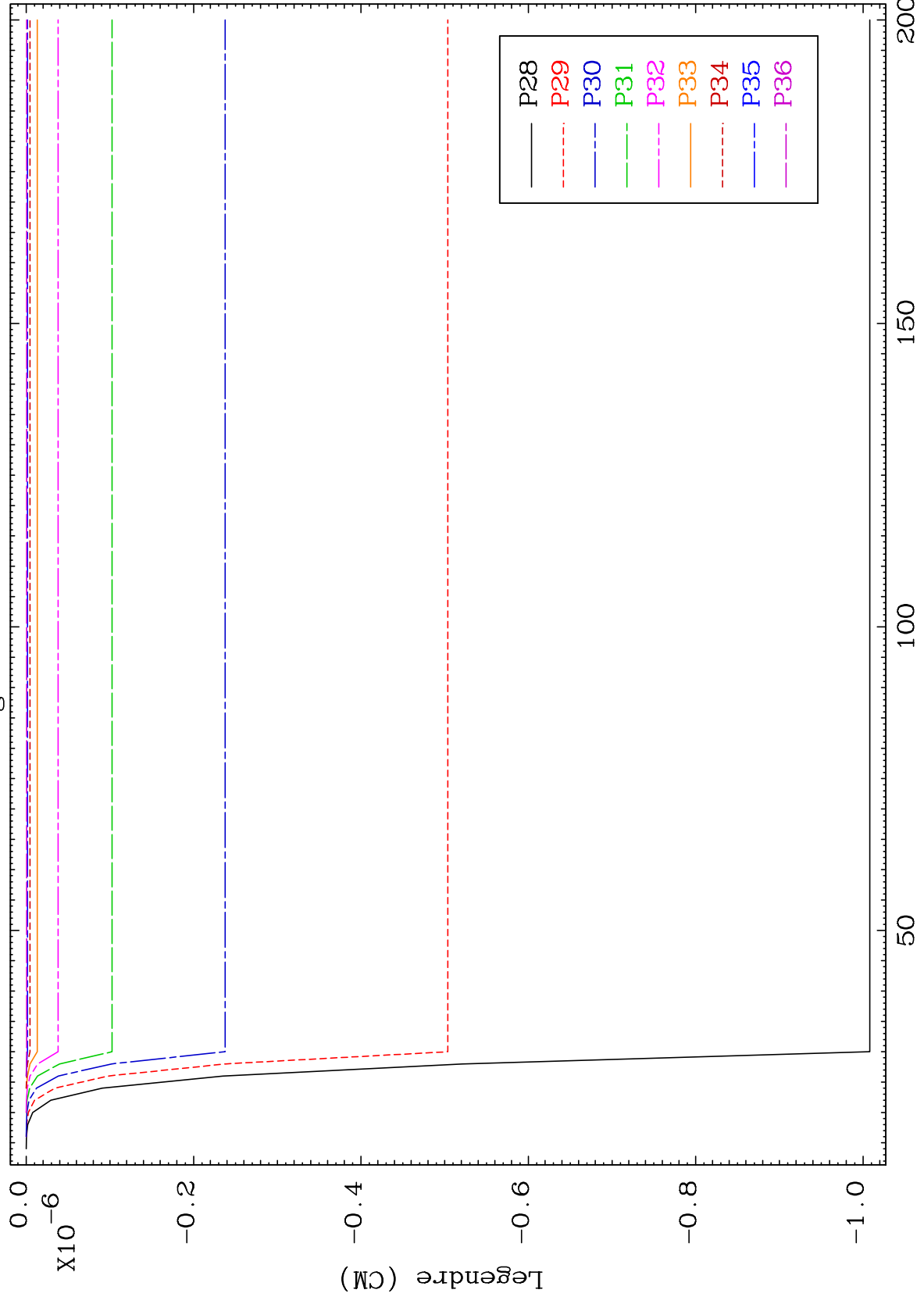
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



80-Hg-183

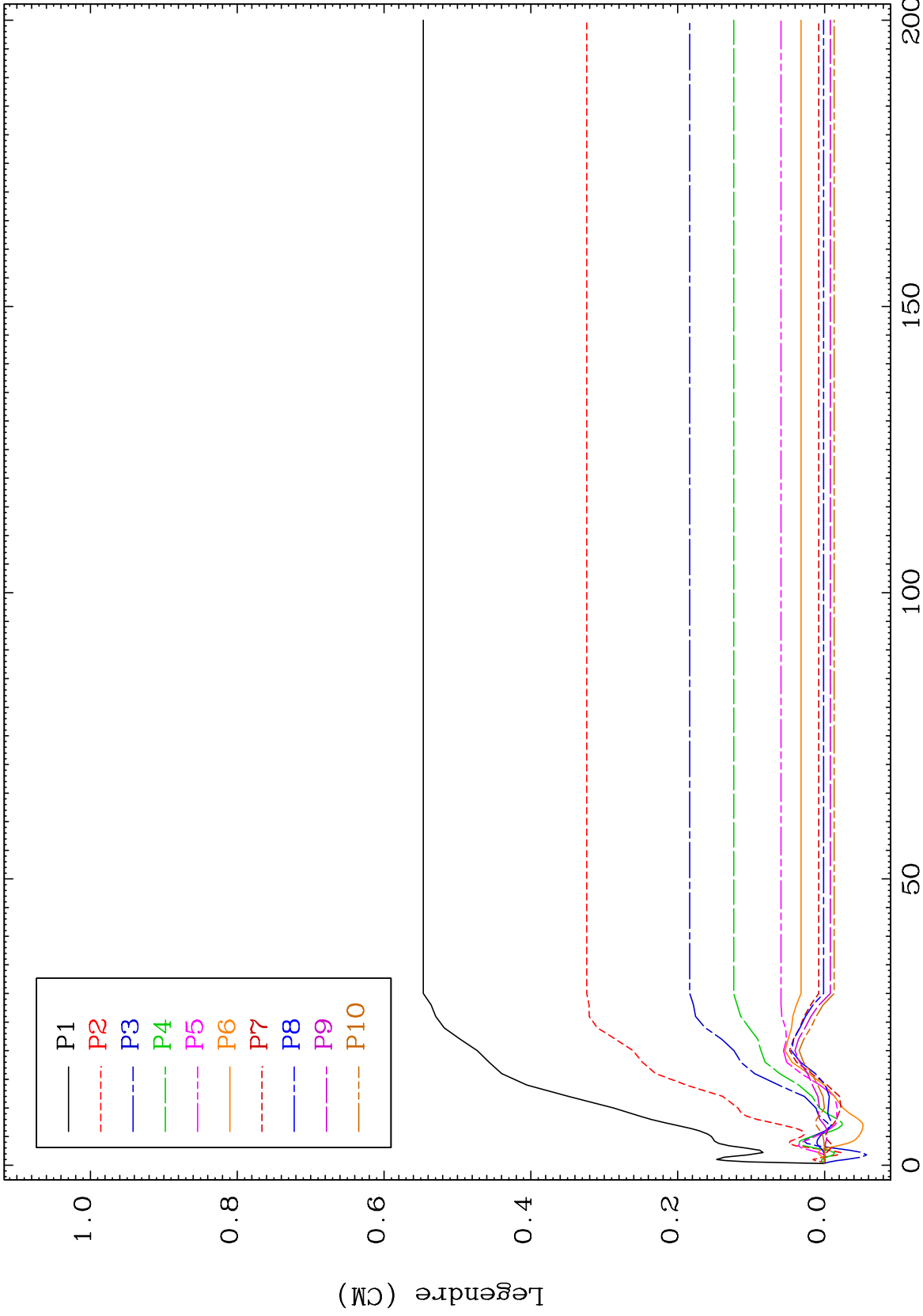
Incident Energy (MeV)

34

MAT 7986

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

80-Hg-183



35

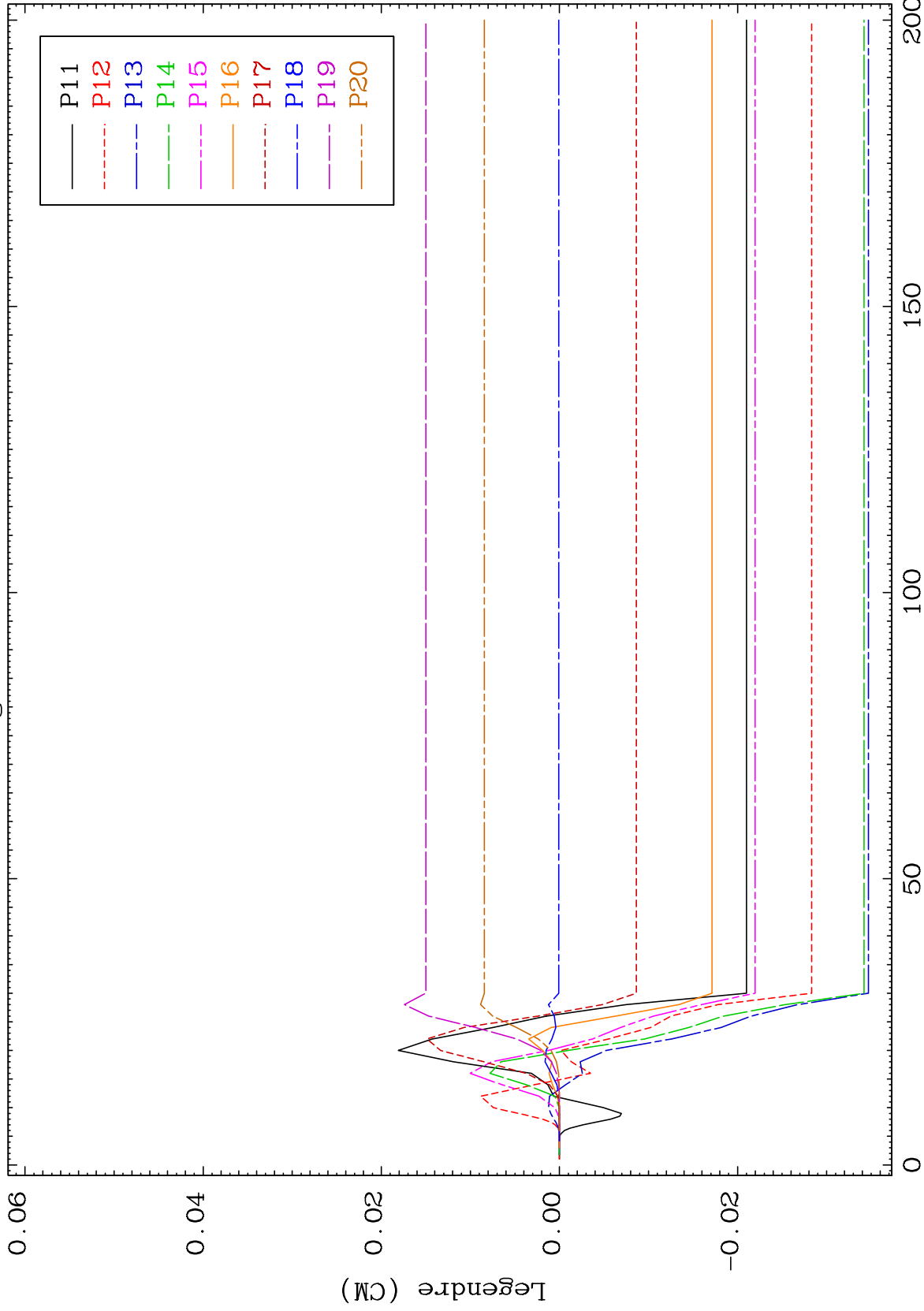
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



36

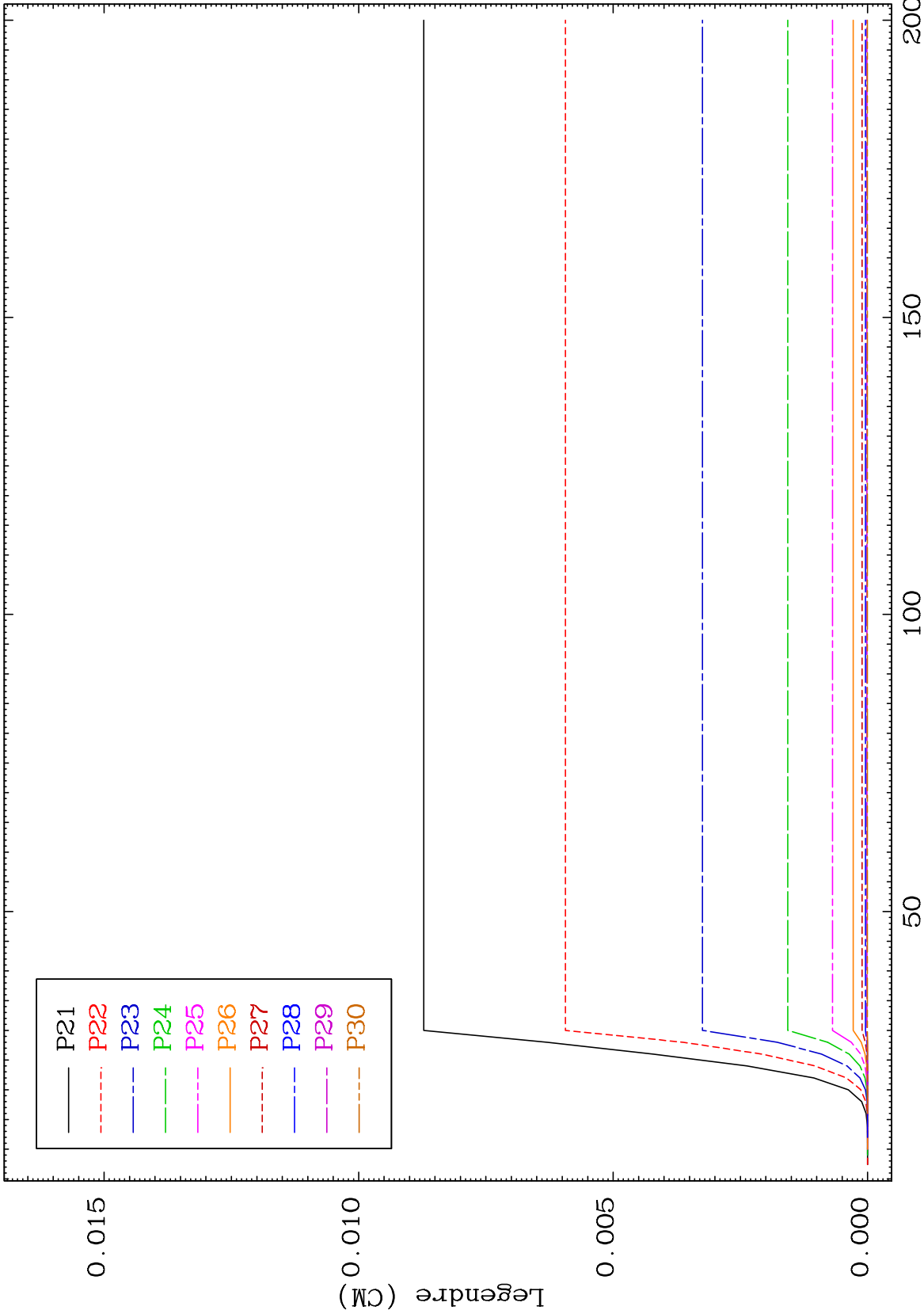
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



37

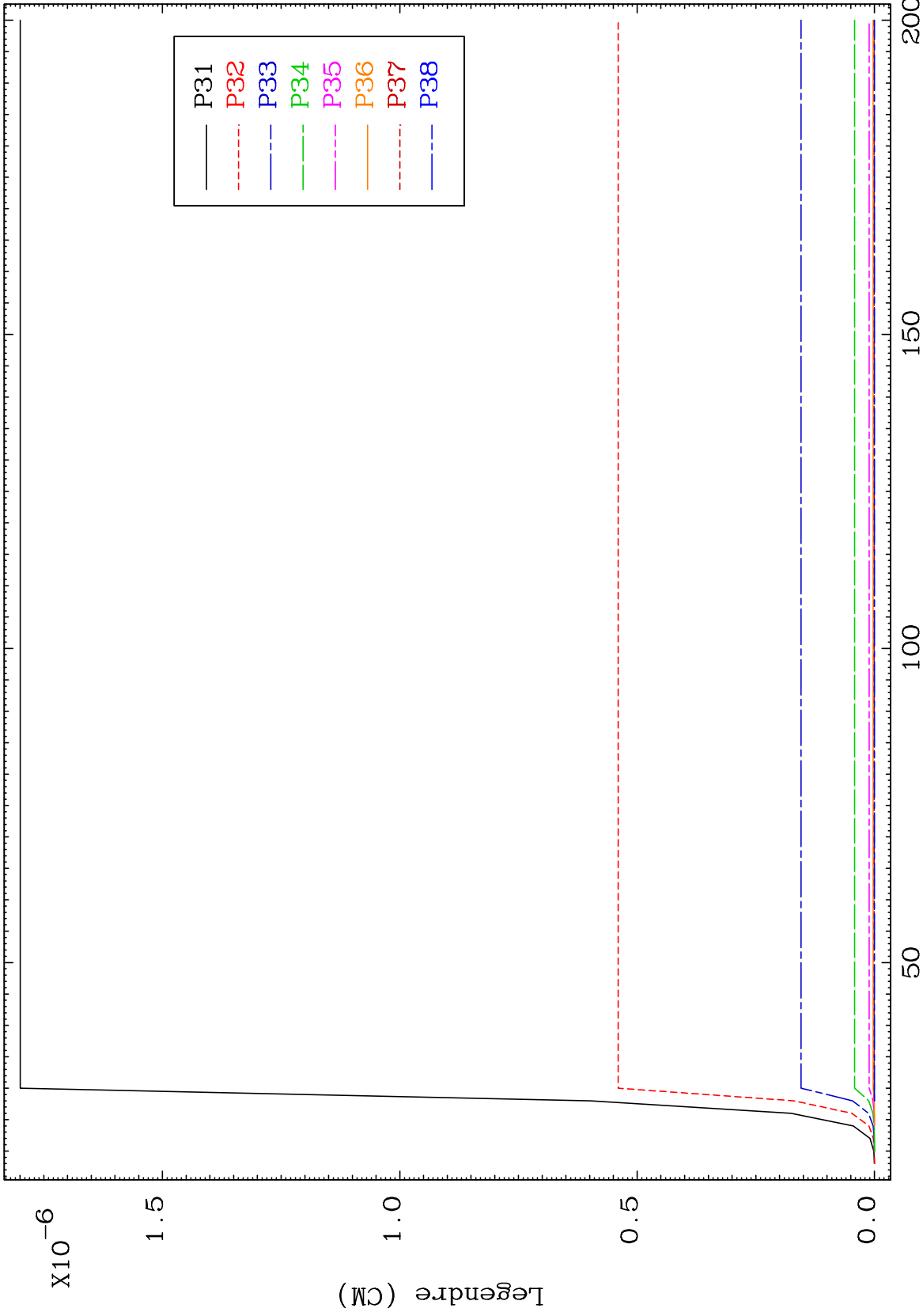
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



38

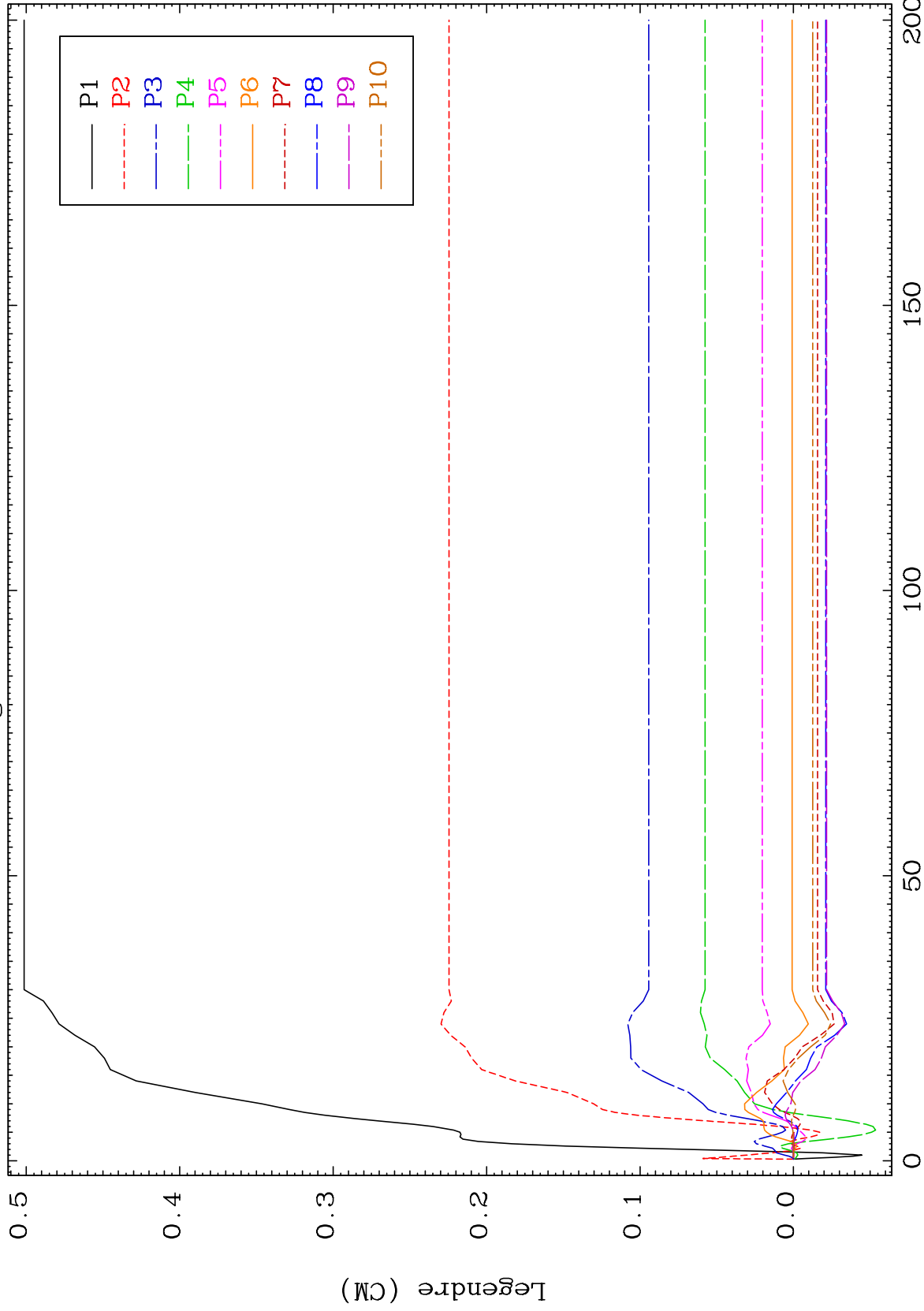
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



39

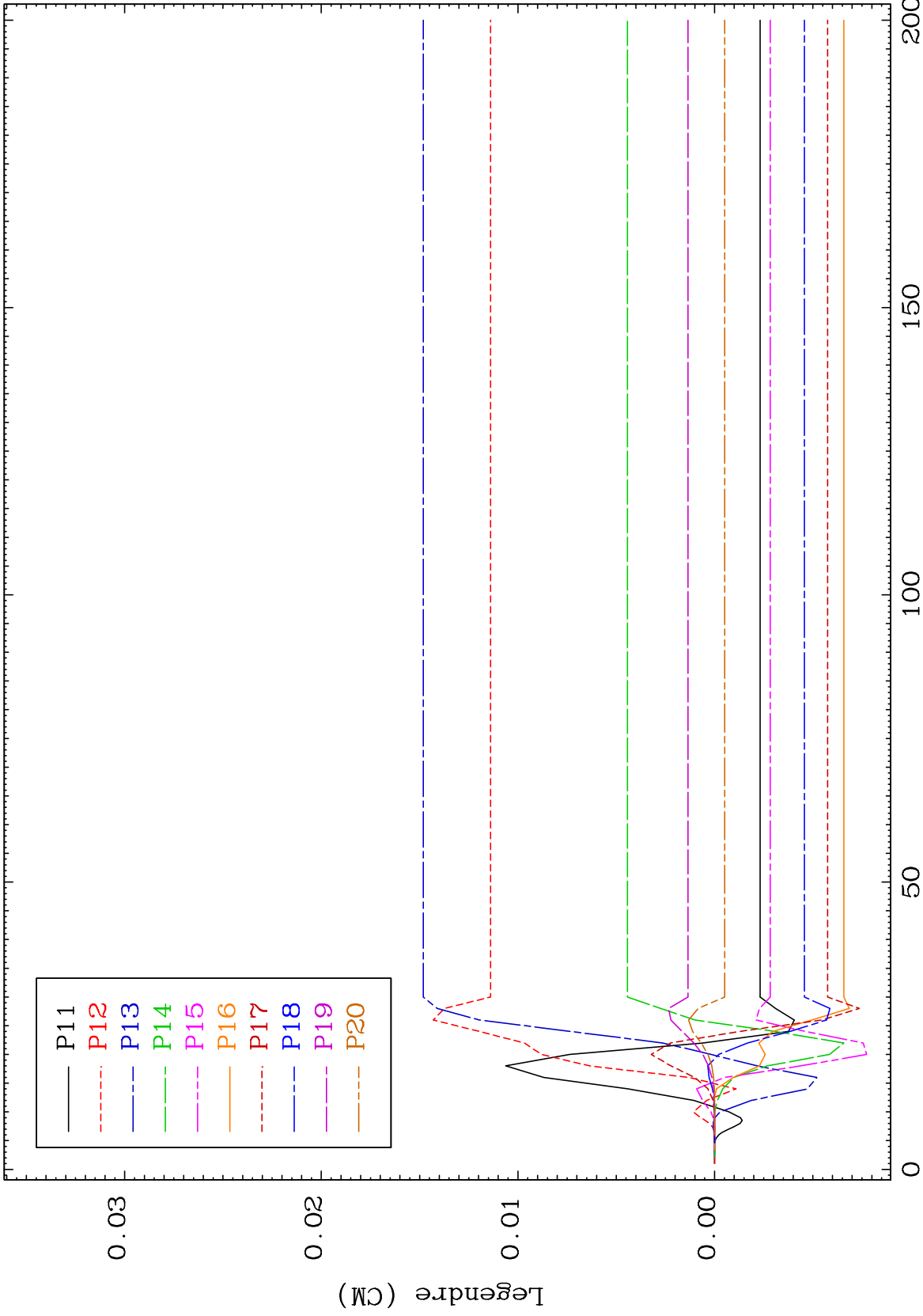
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



40

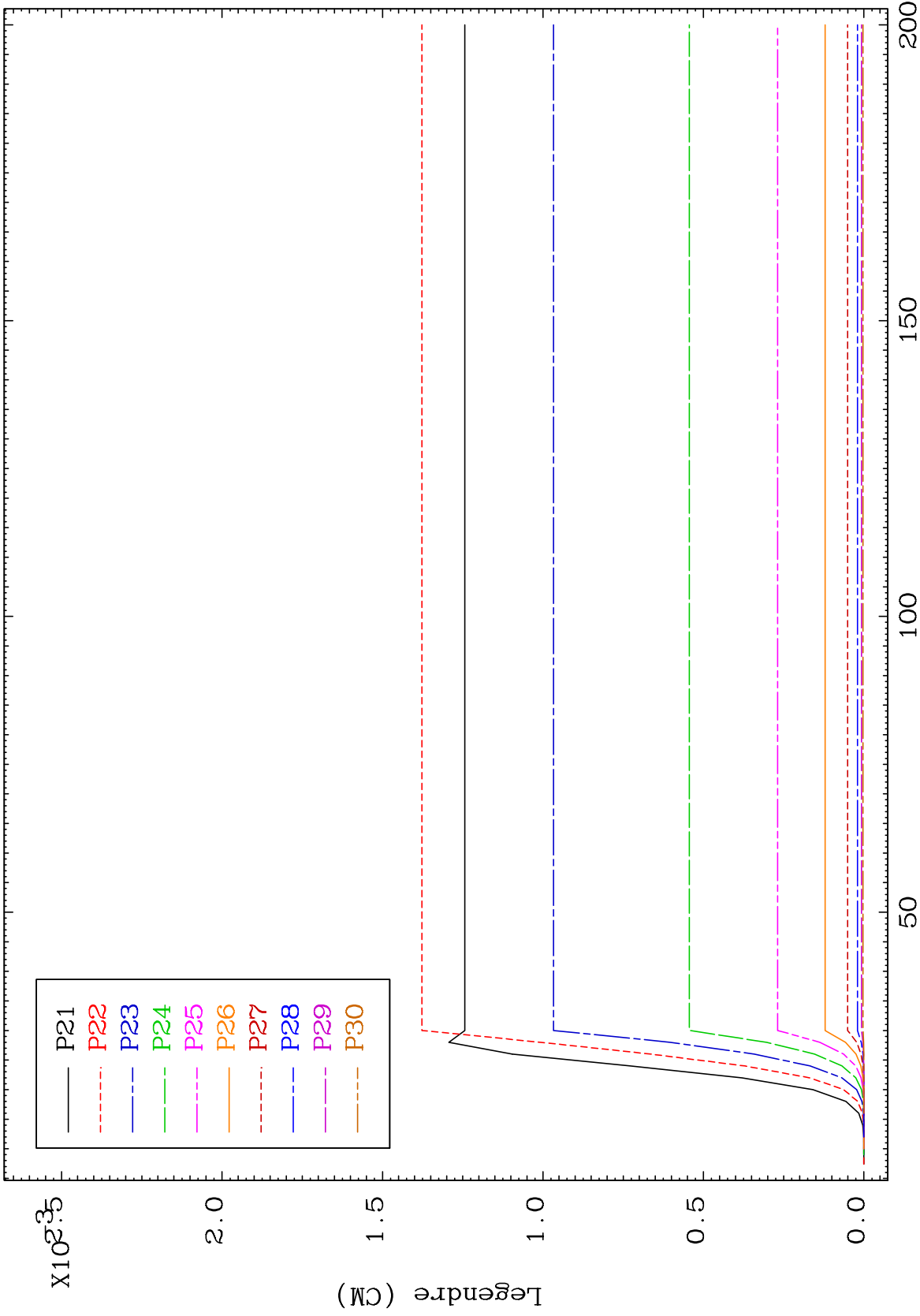
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

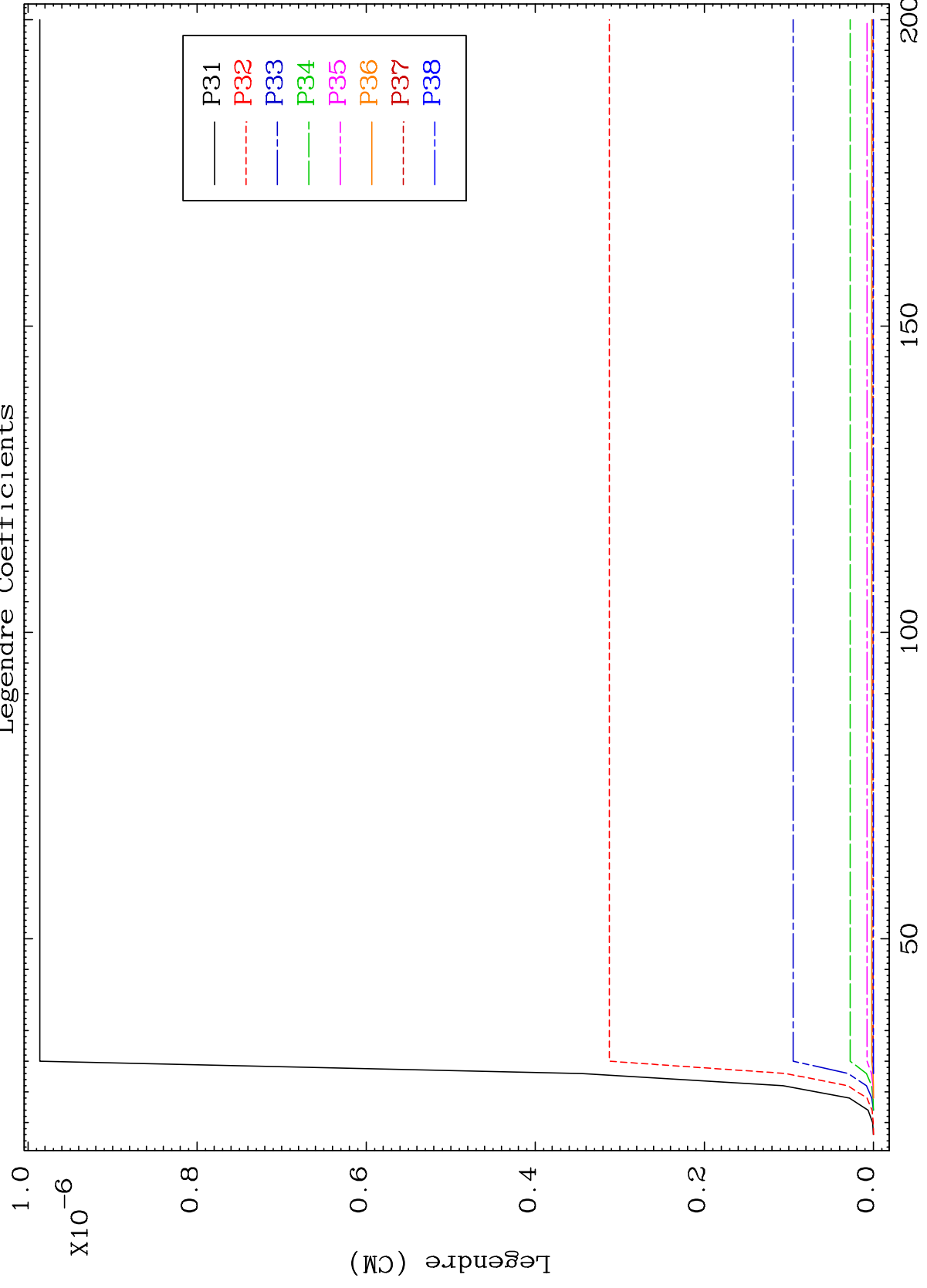
80-Hg-183



MAT 7986

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

80-Hg-183



80-Hg-183

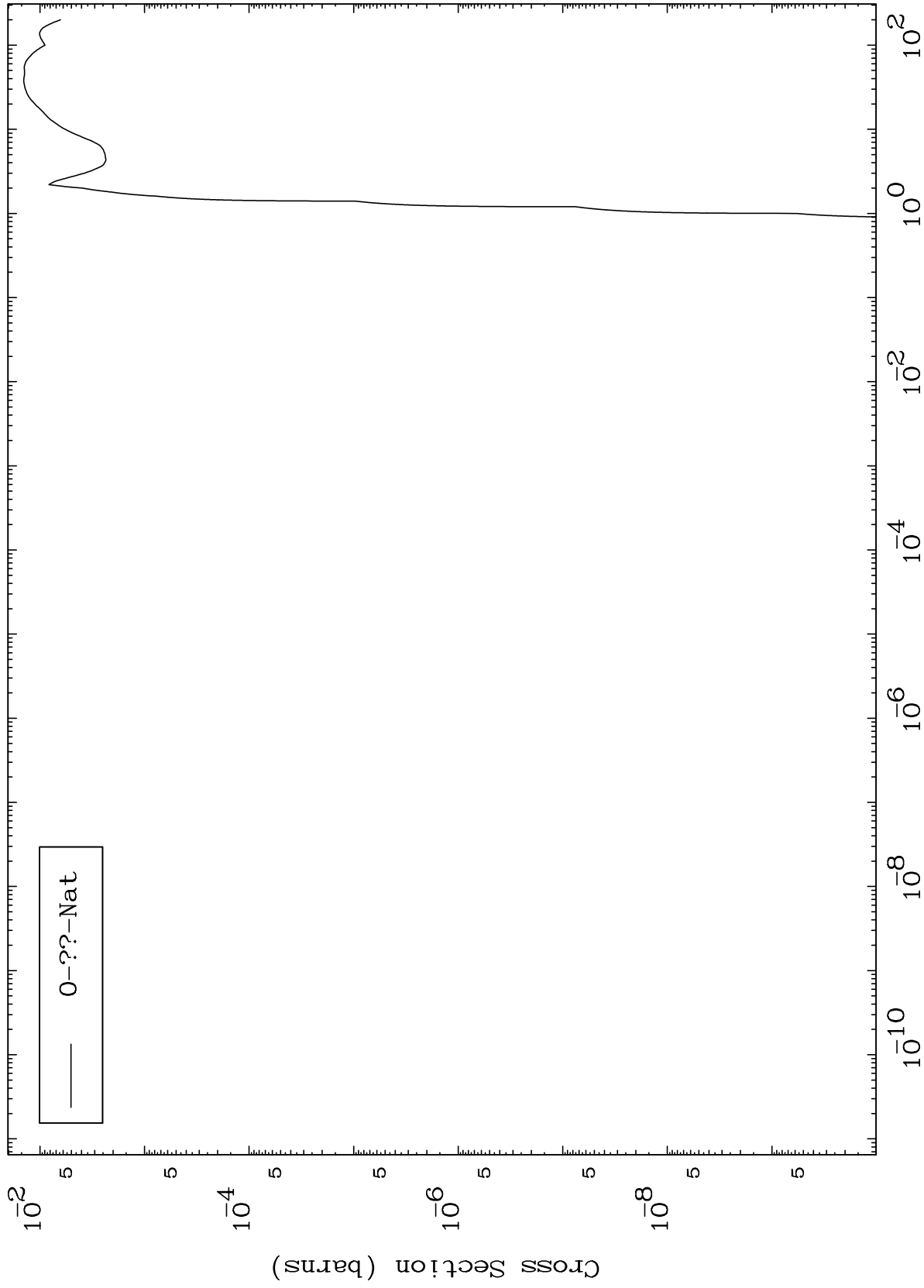
Incident Energy (MeV)

42

MAT 7986

Fission
Radionuclide Production Cross Section

80-Hg-183



43

80-Hg-183