

Program EVALPLOT
(Version 2021-1)

by

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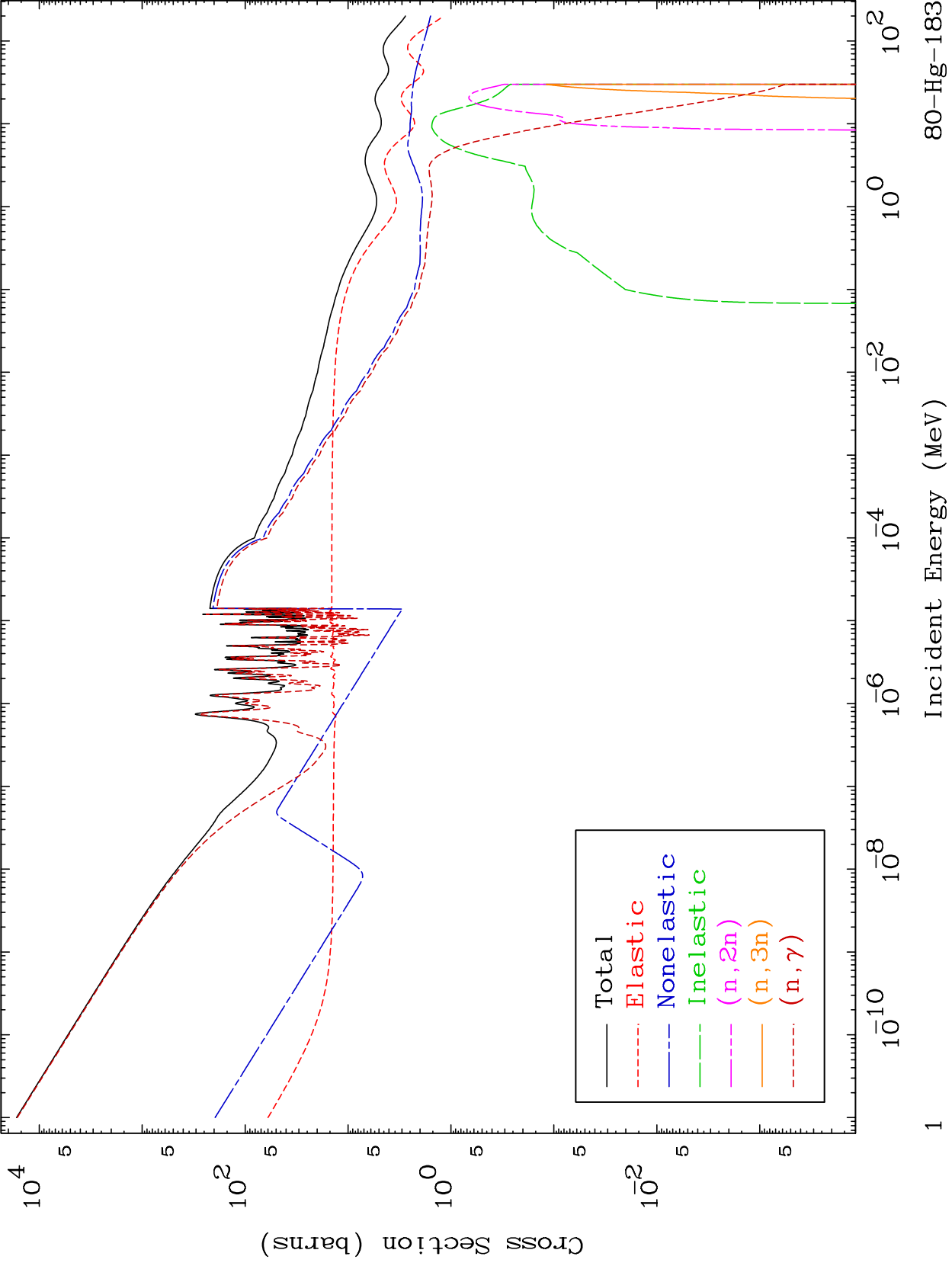
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7986

Neutron Major
293 Kelvin Cross Sections

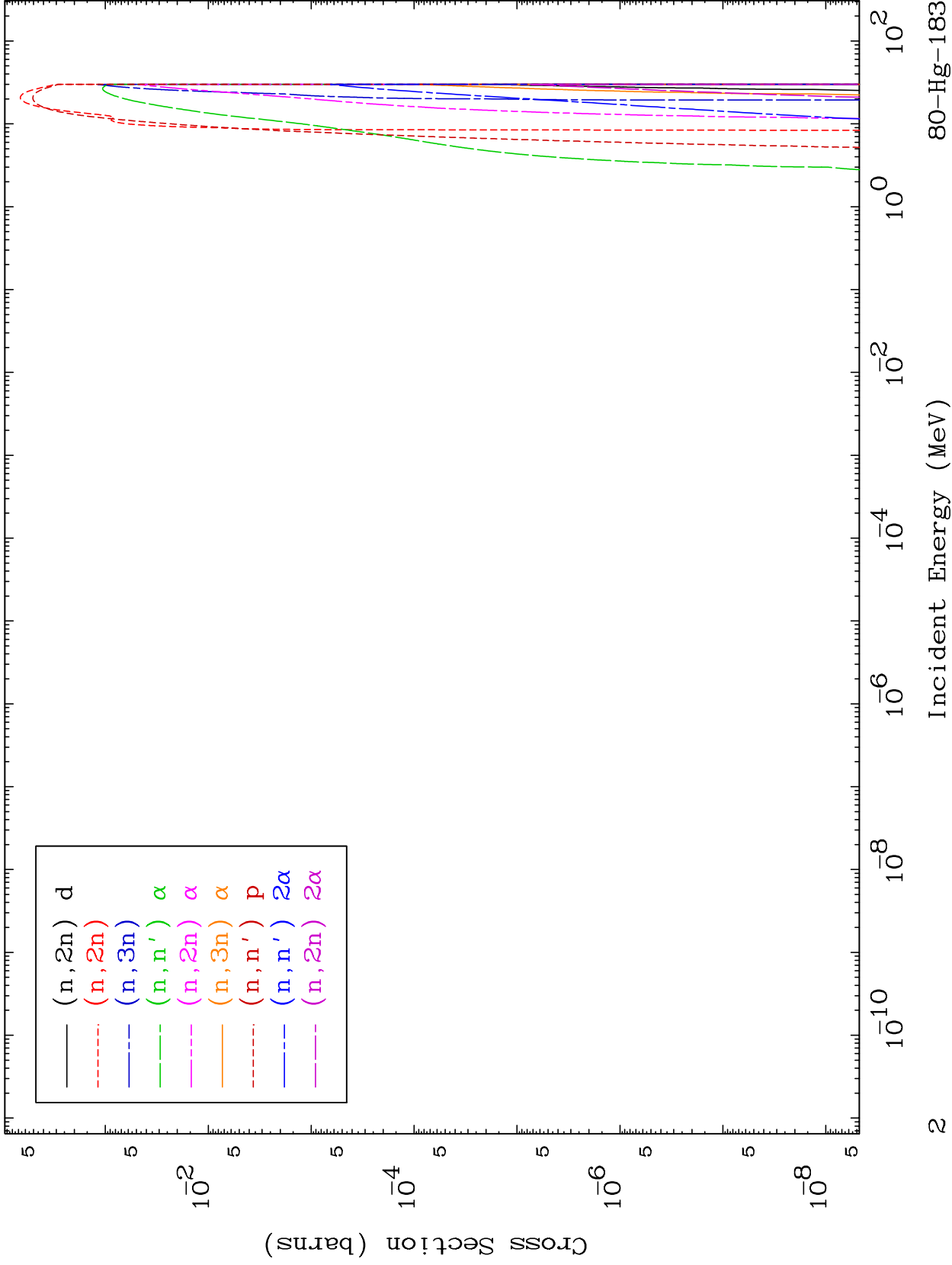
80-Hg-183



MAT 7986

Neutron Absorption
293 Kelvin Cross Sections

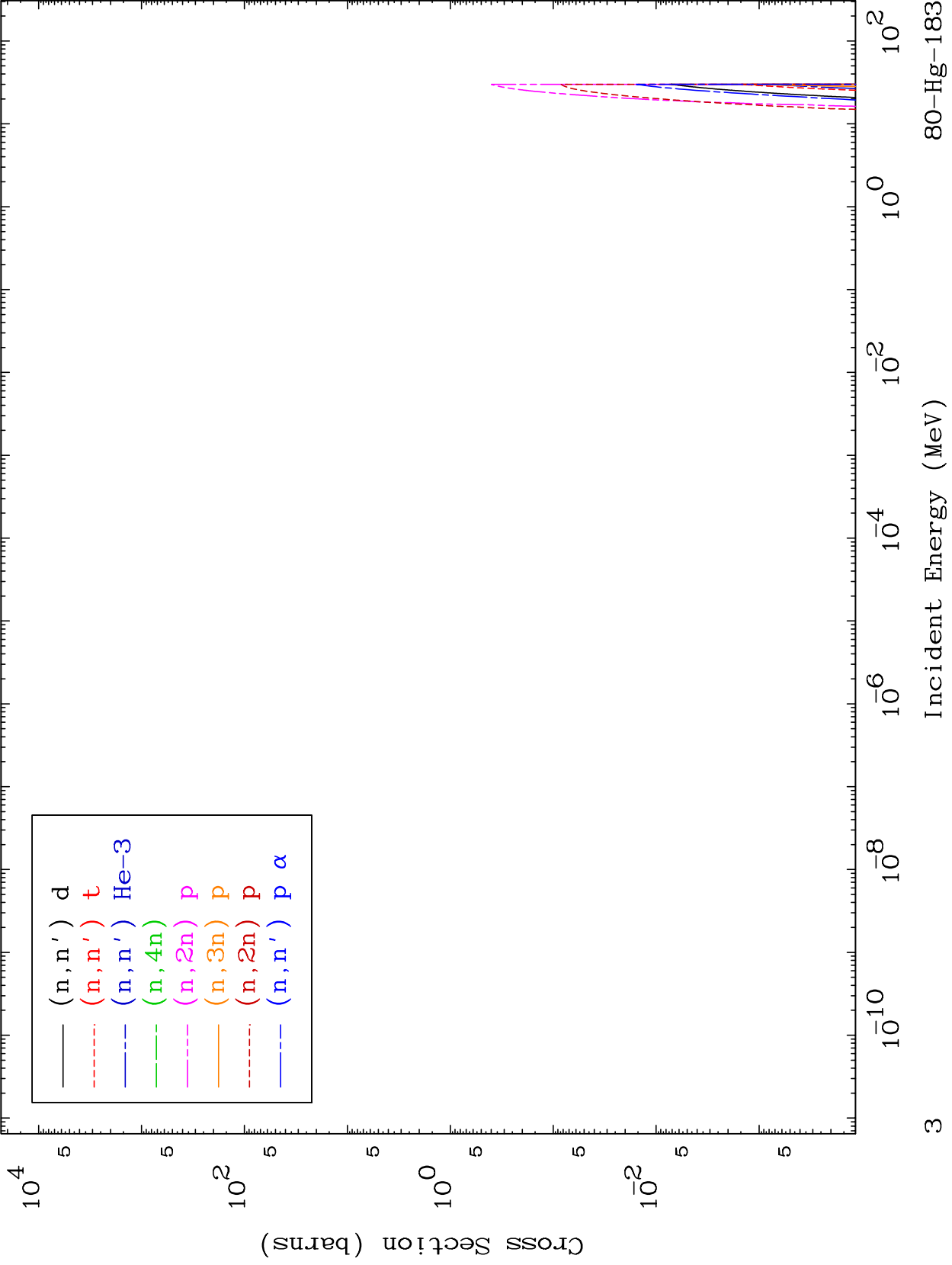
80-Hg-183



MAT 7986

Neutron Absorption
293 Kelvin Cross Sections

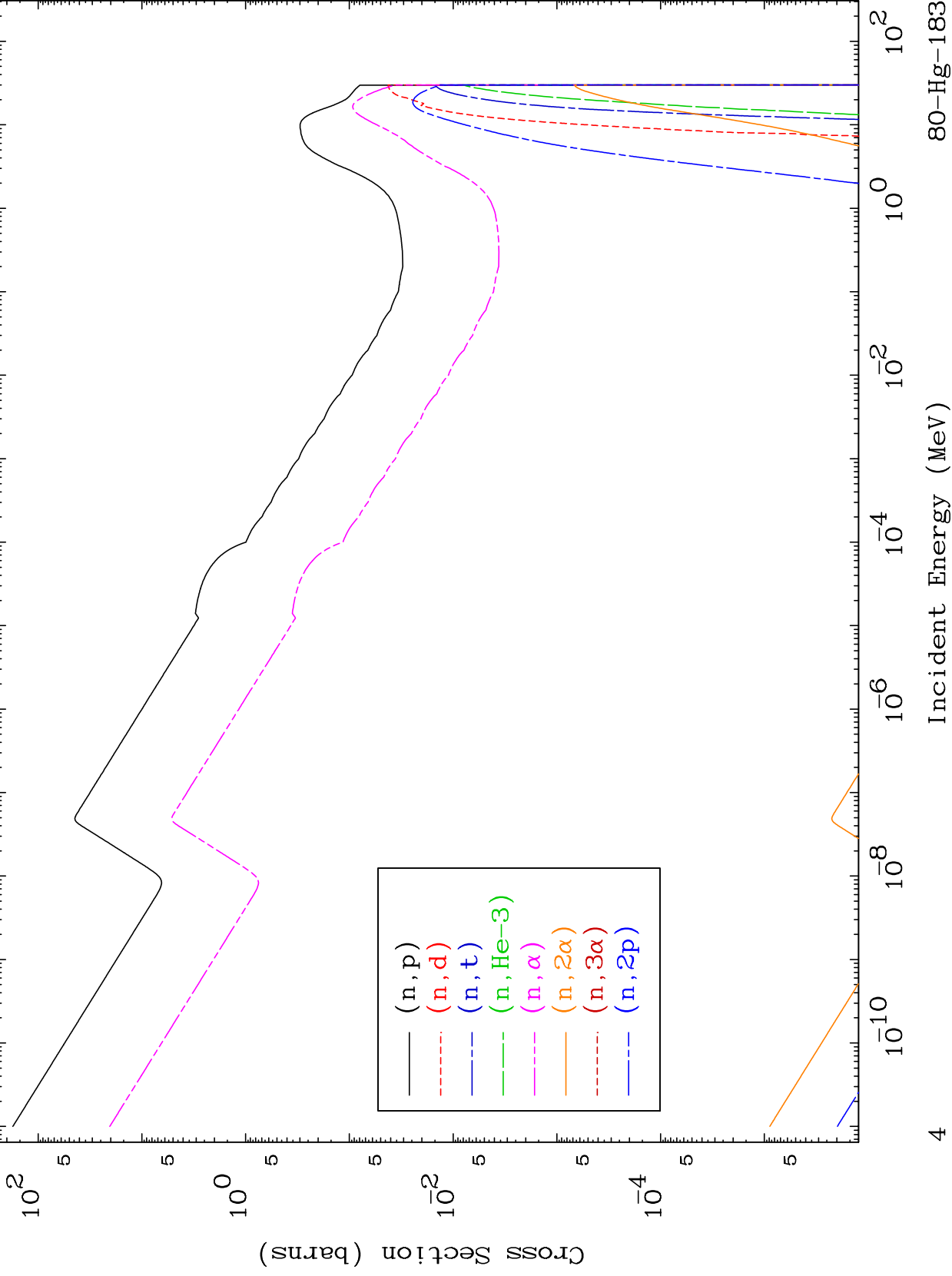
80-Hg-183

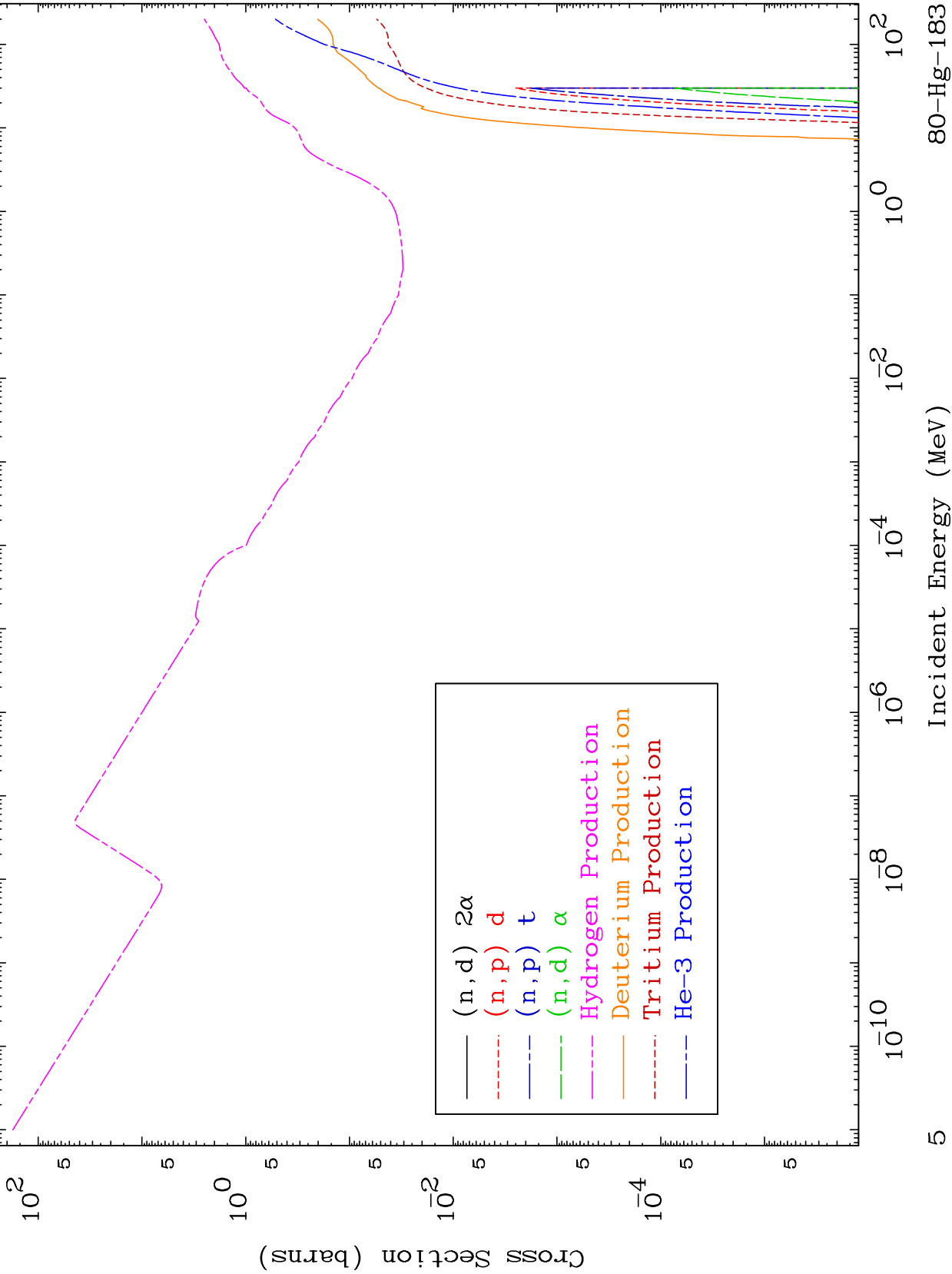


MAT 7986

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-183

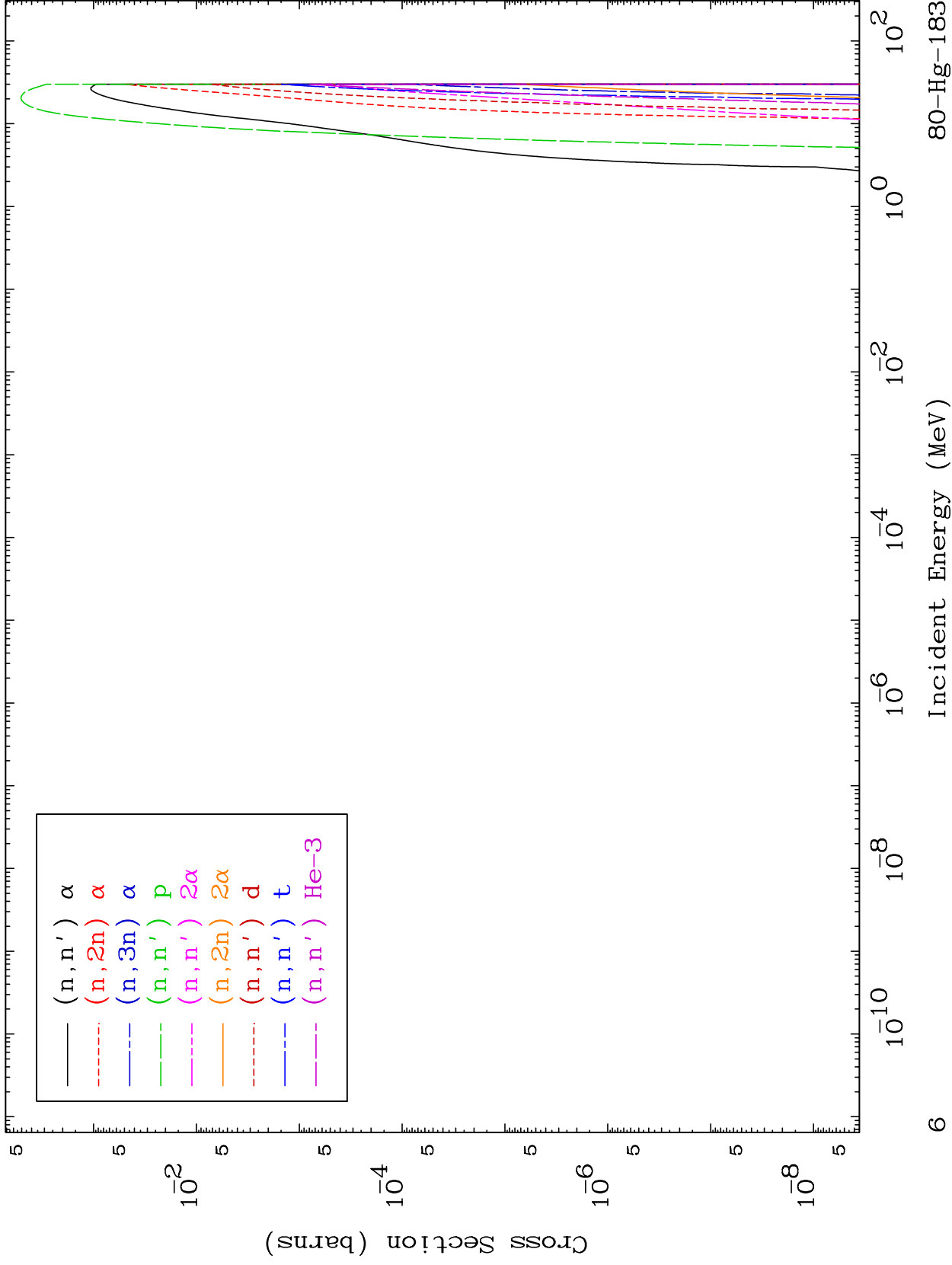




MAT 7986

Charged Particle
293 Kelvin Cross Sections

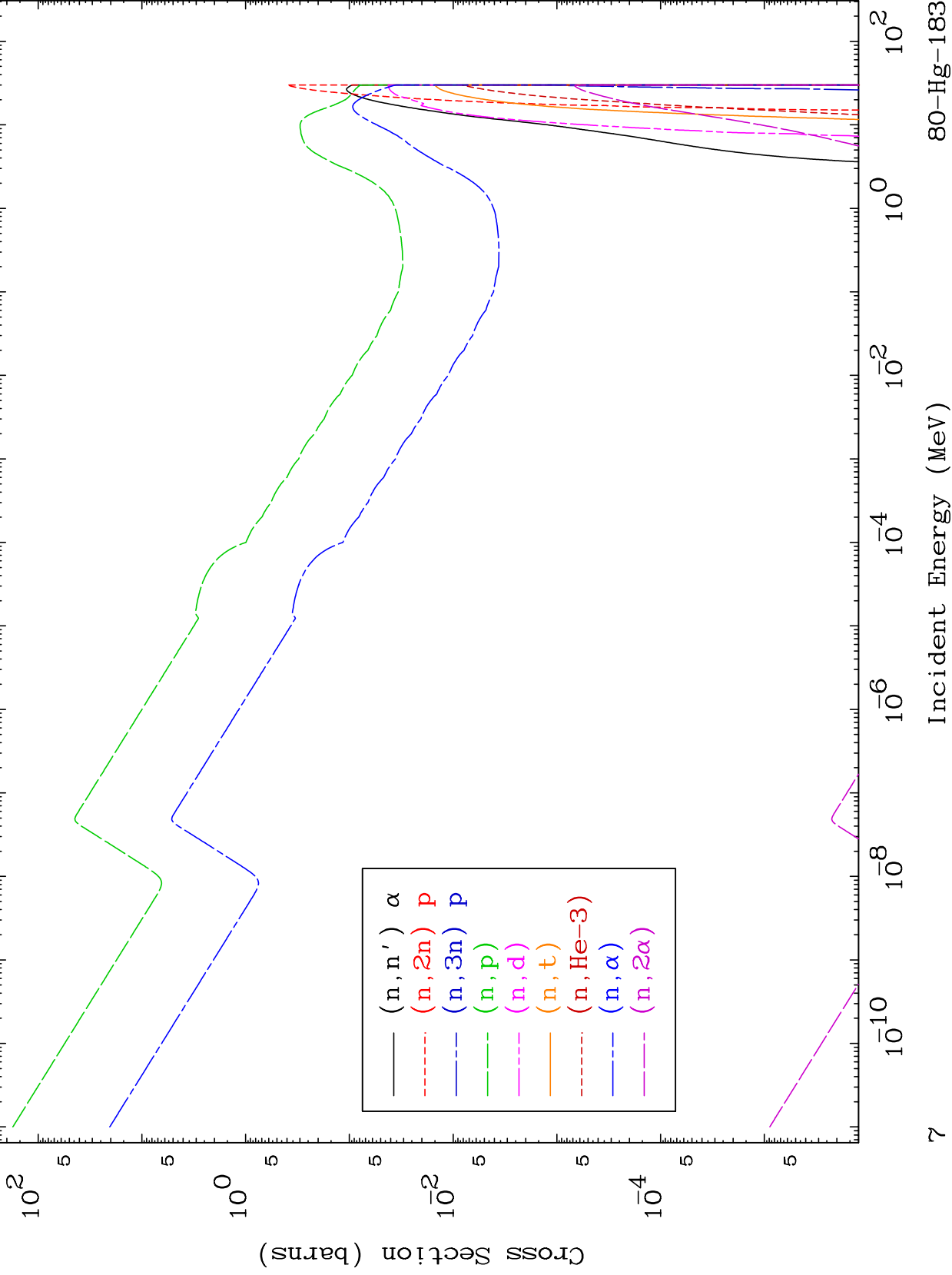
80-Hg-183



MAT 7986

Charged Particle
293 Kelvin Cross Sections

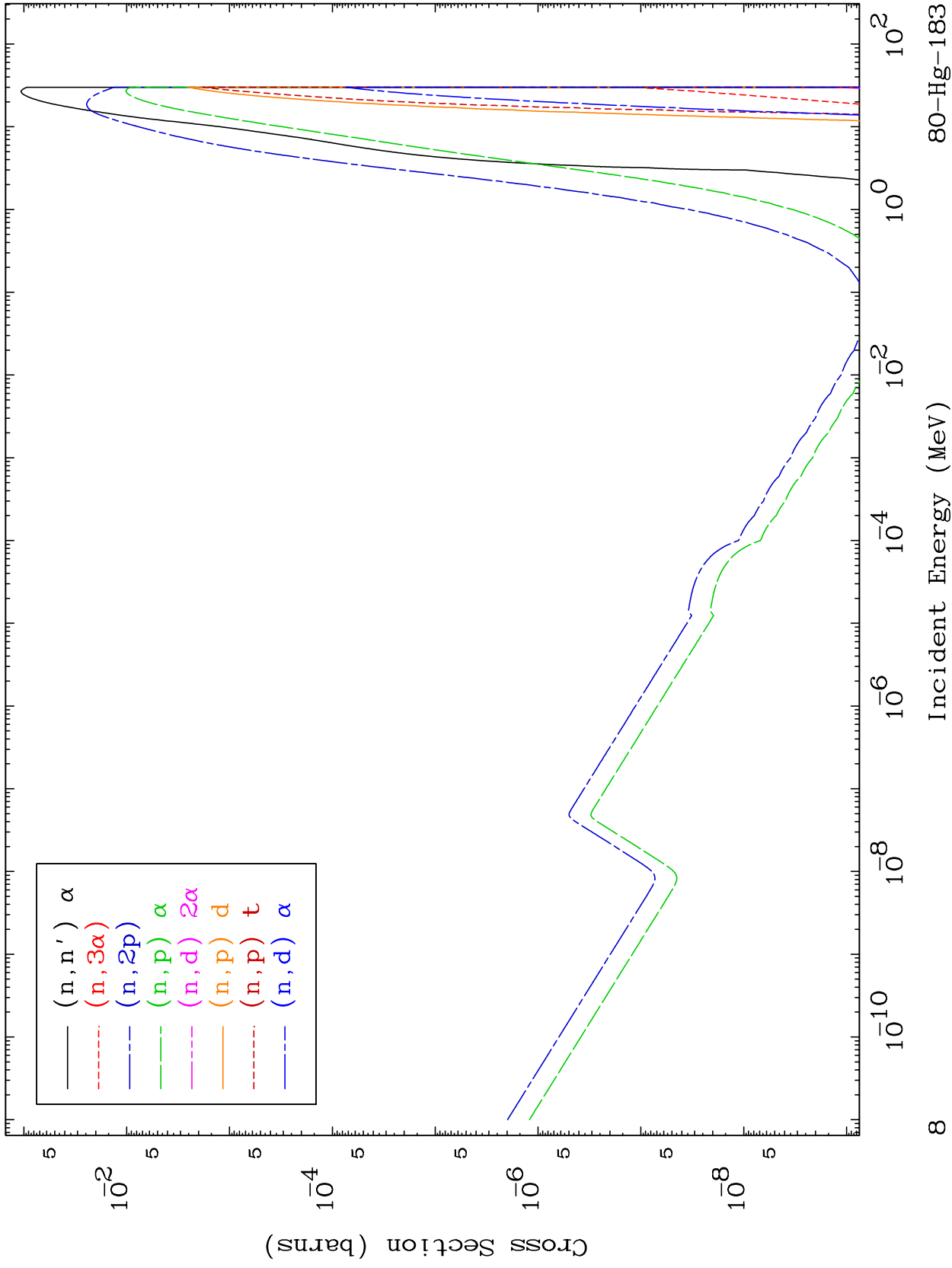
80-Hg-183

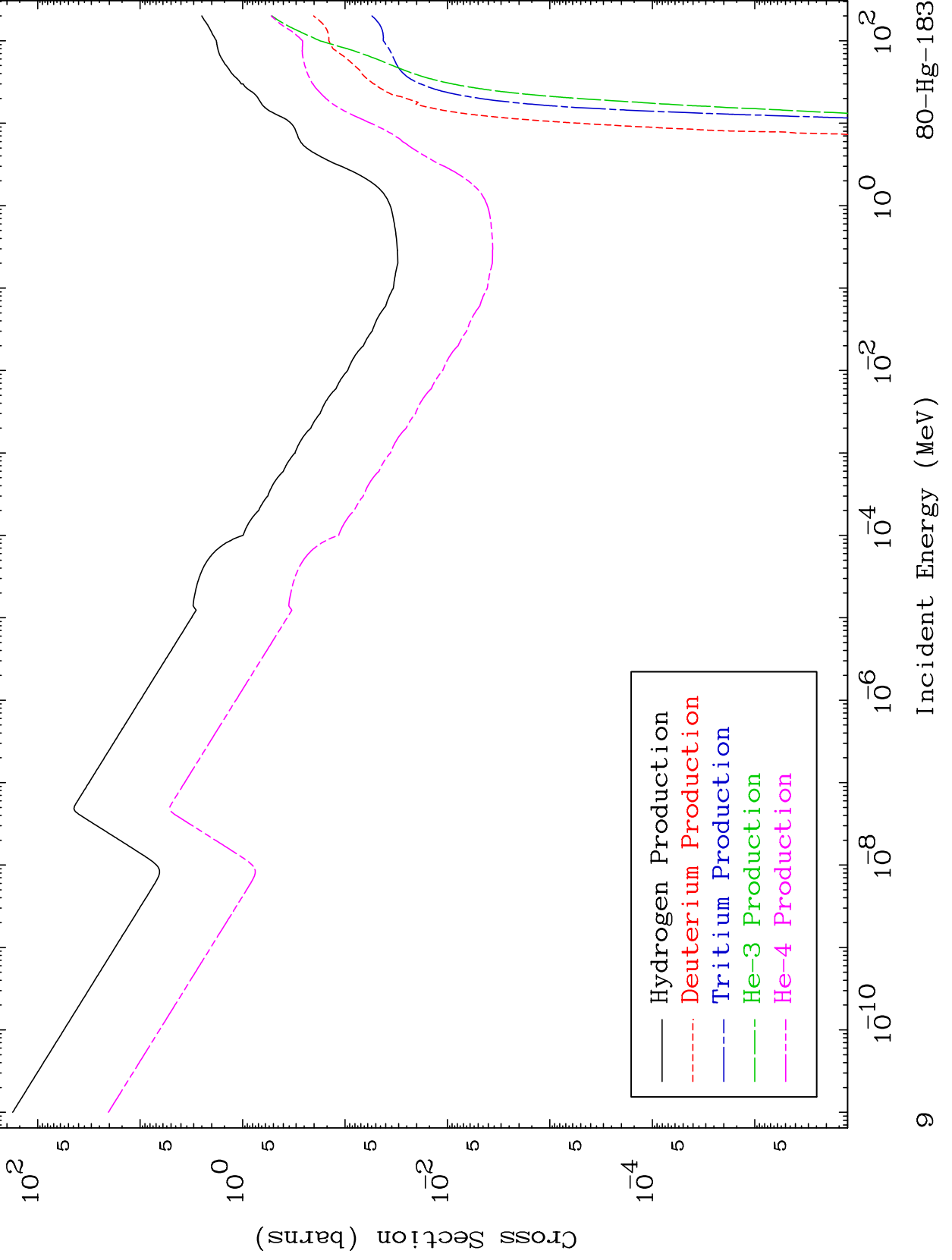


MAT 7986

Charged Particle
293 Kelvin Cross Sections

80-Hg-183

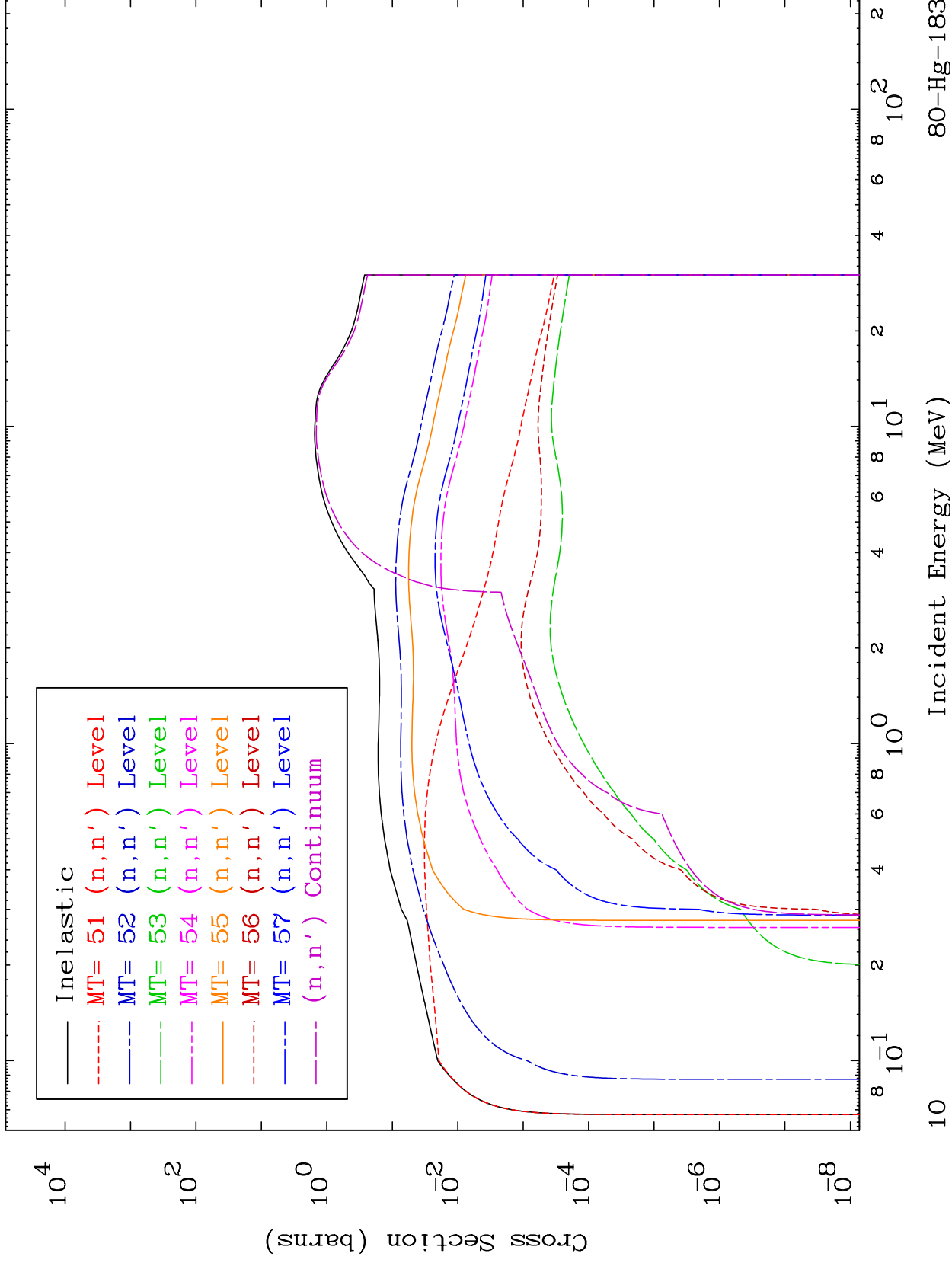




MAT 7986

(n,n') Levels
293 Kelvin Cross Sections

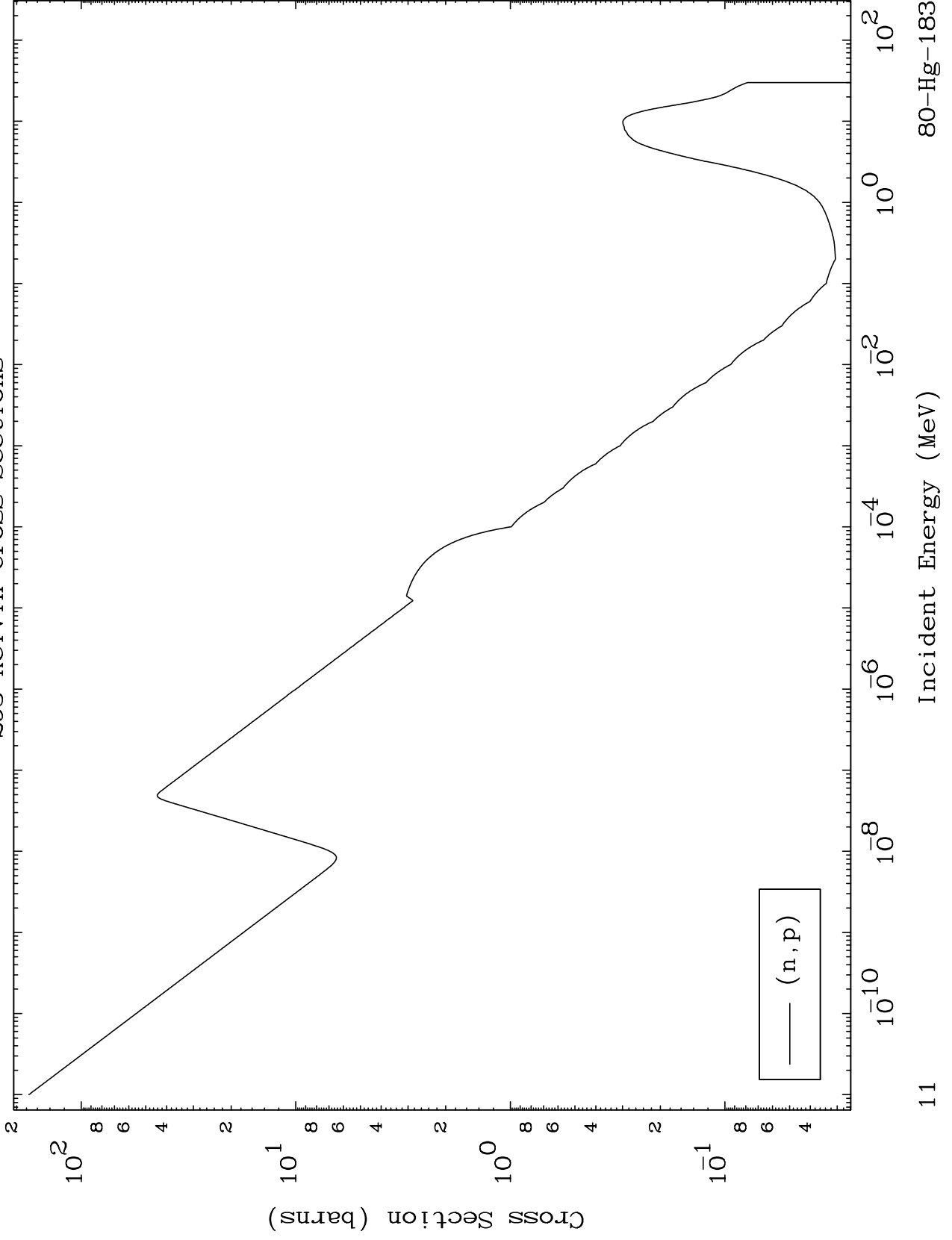
80-Hg-183



MAT 7986

(n,p) Levels
293 Kelvin Cross Sections

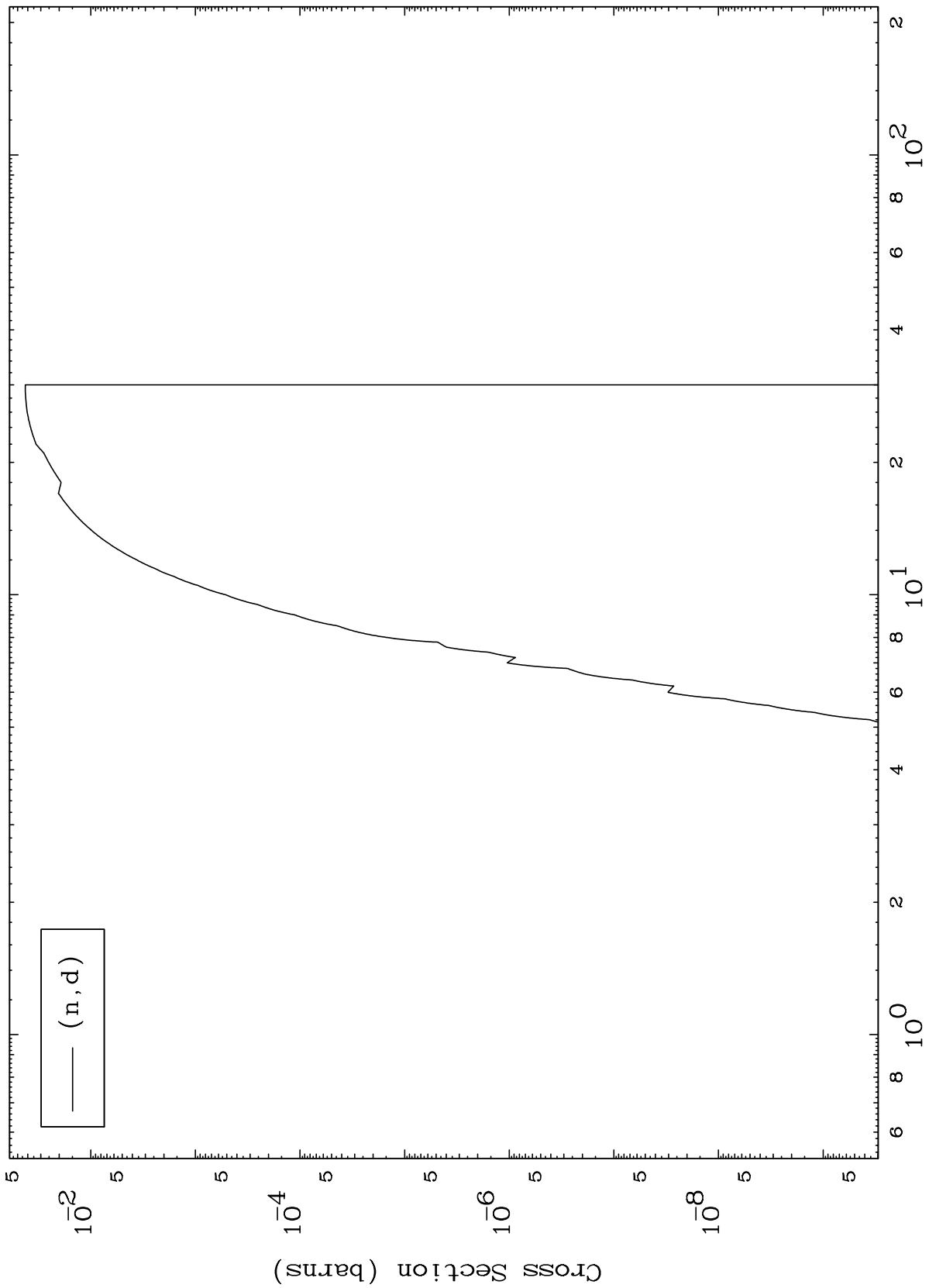
80-Hg-183



MAT 7986

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-183



12

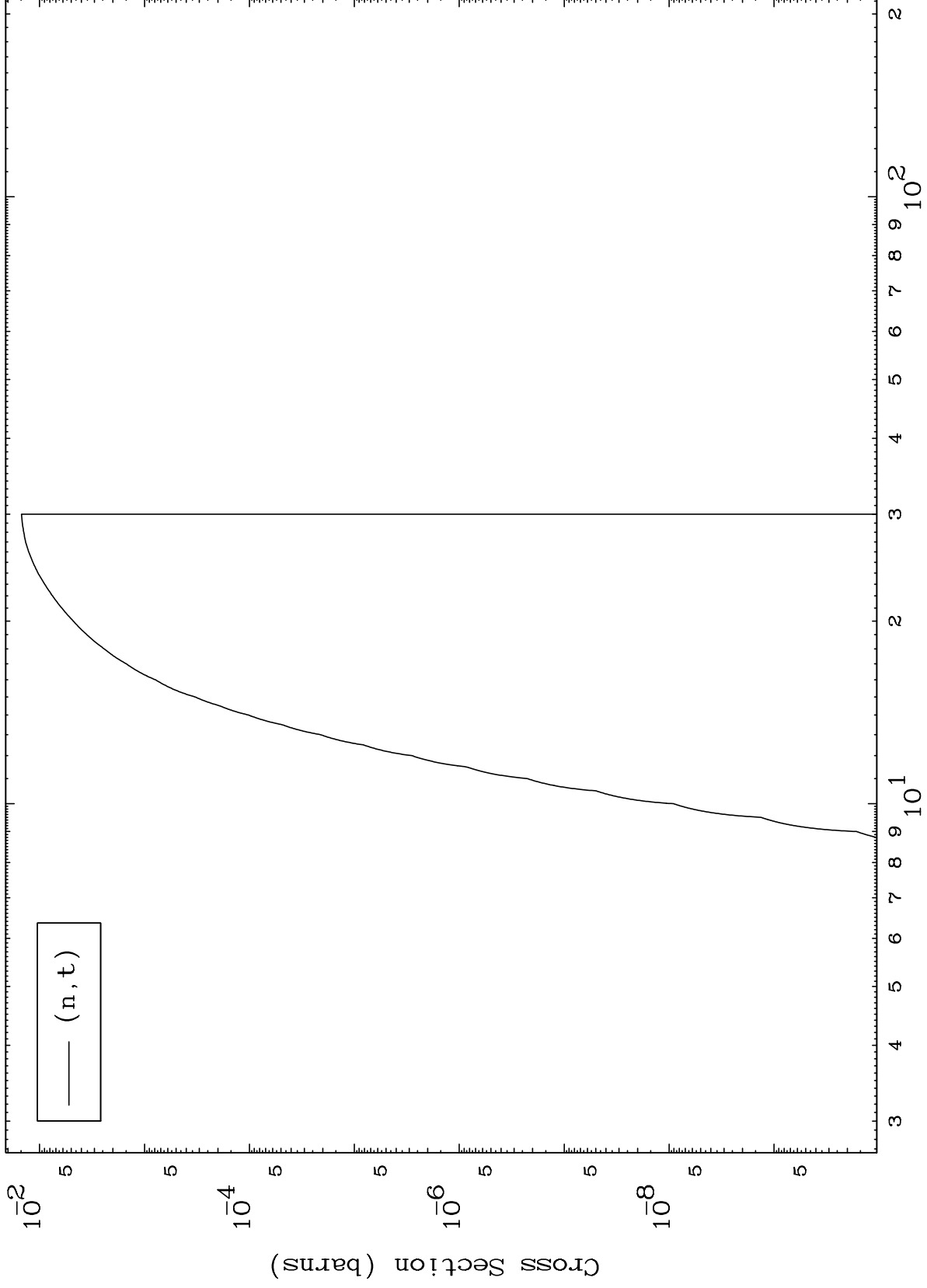
Incident Energy (MeV)

80-Hg-183

MAT 7986

(n,t) Levels
293 Kelvin Cross Sections

80-Hg-183



13

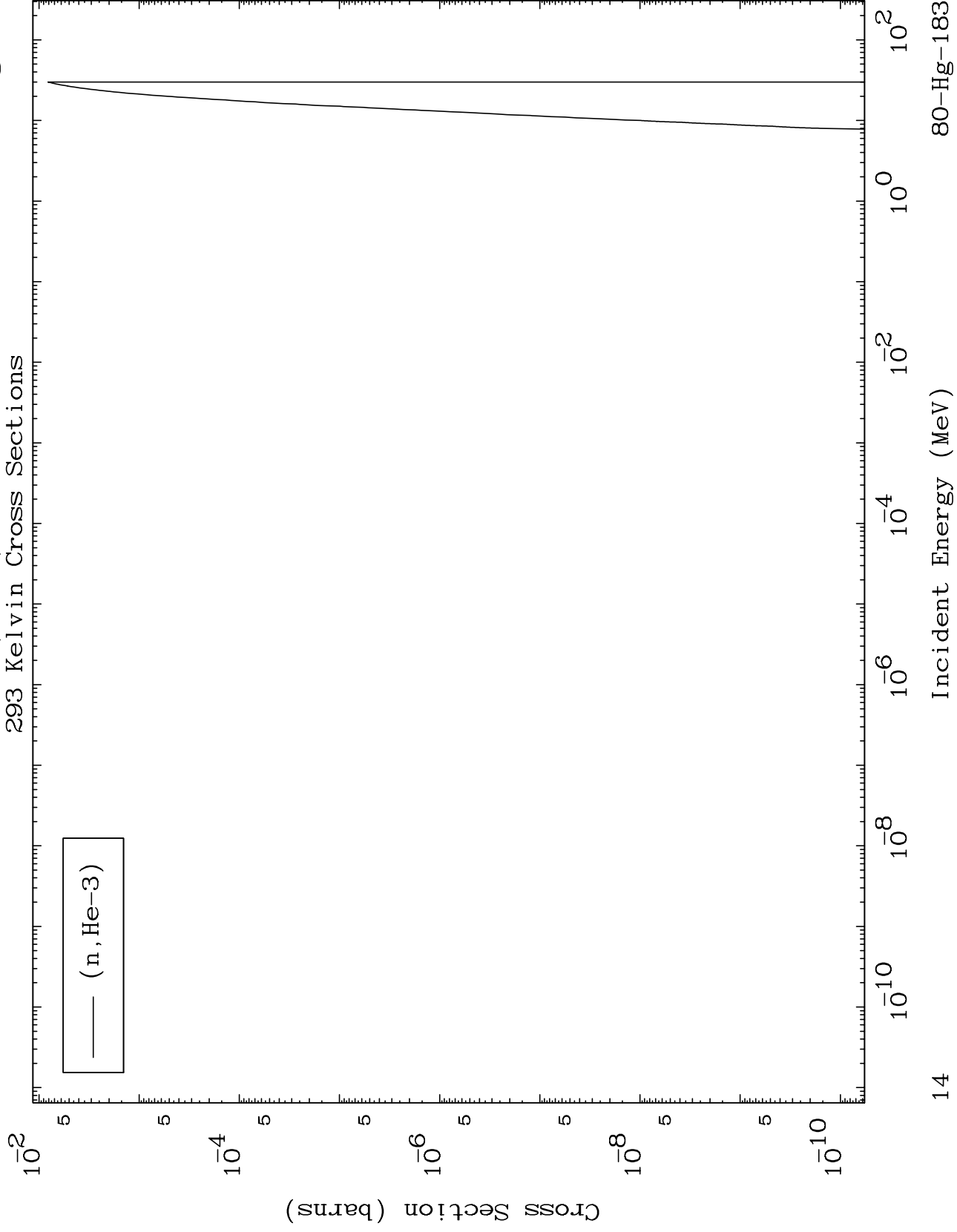
Incident Energy (MeV)

80-Hg-183

MAT 7986

(n,He3) Levels
293 Kelvin Cross Sections

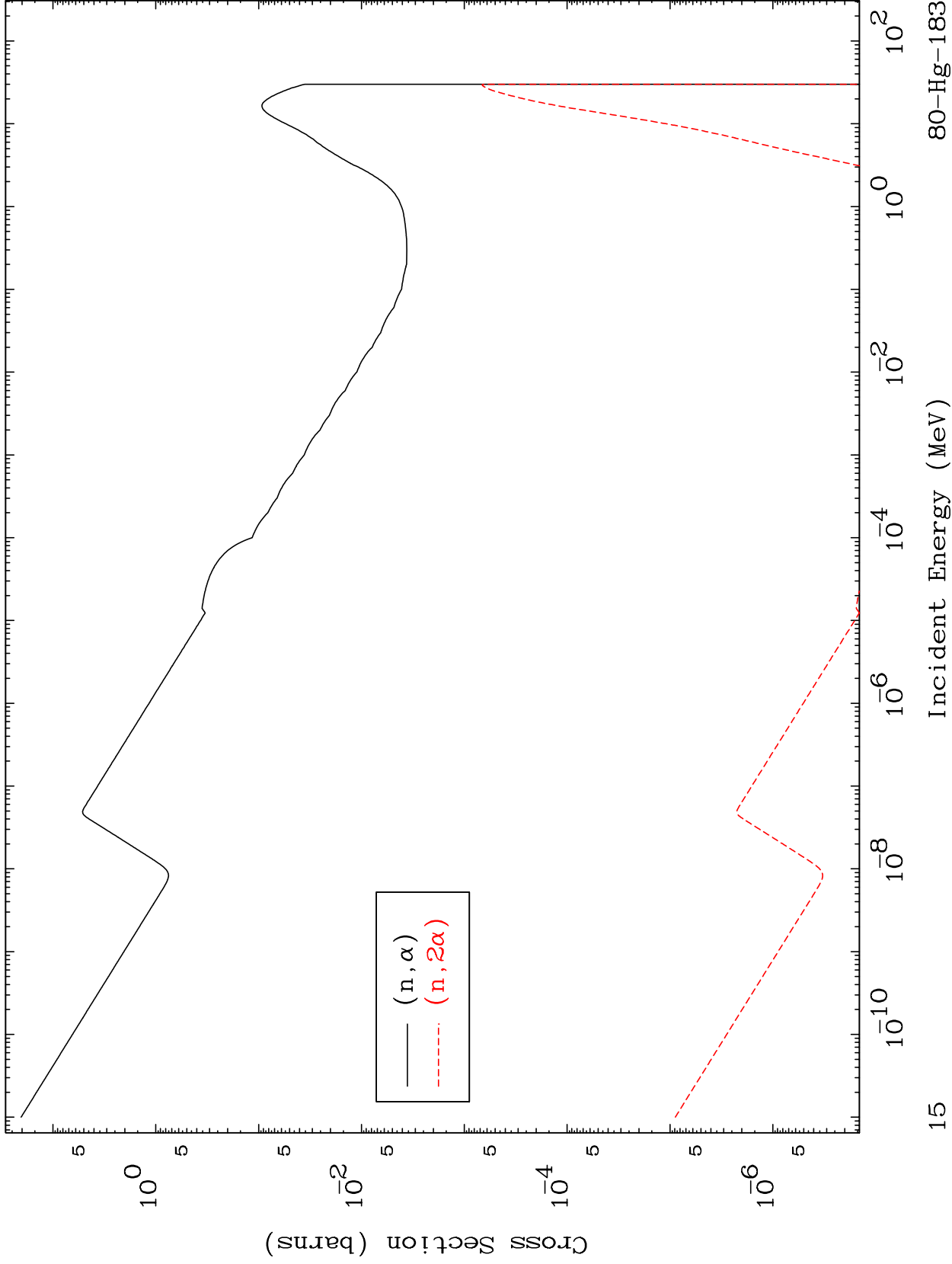
80-Hg-183



MAT 7986

(n, α) Levels
293 Kelvin Cross Sections

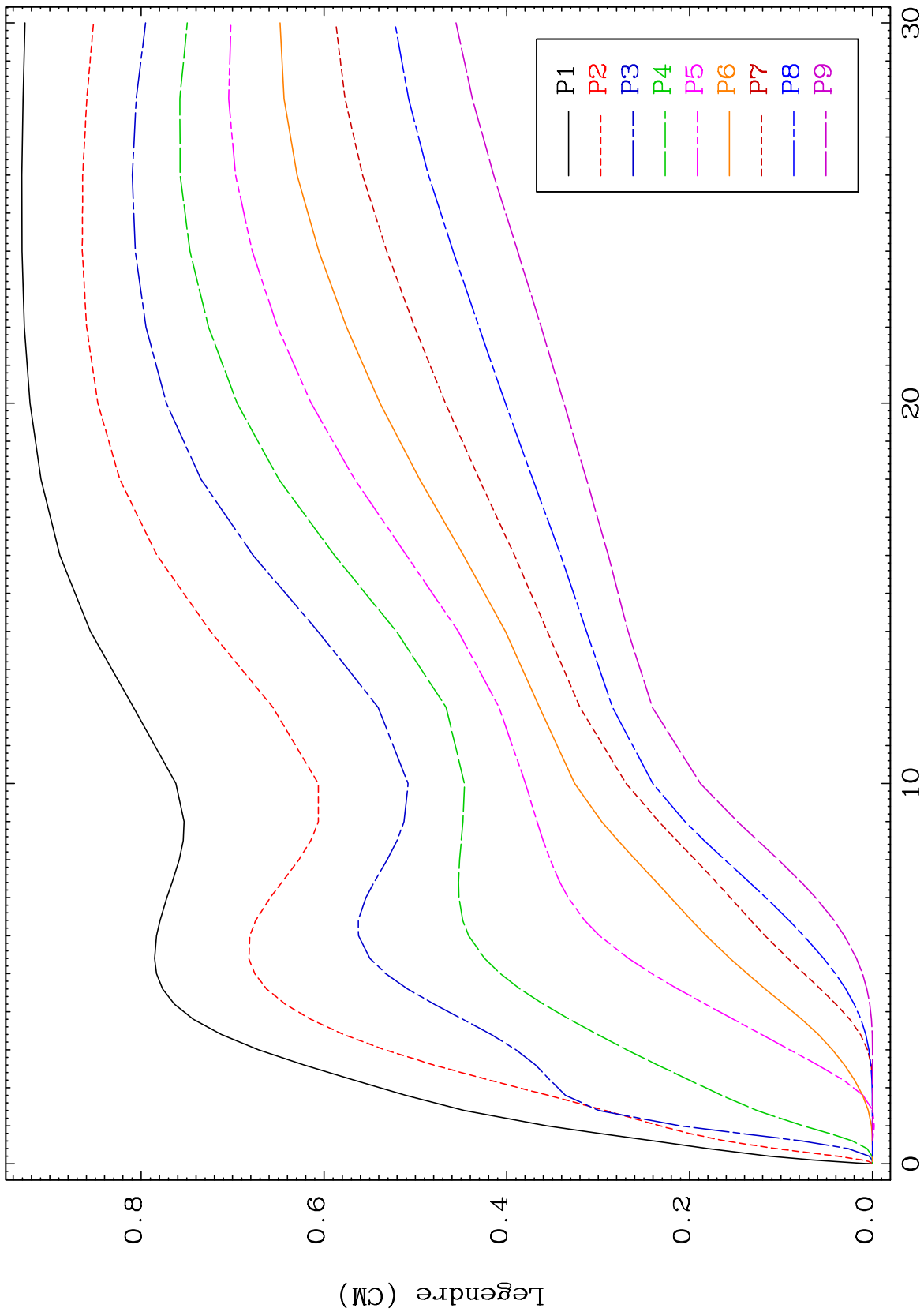
80-Hg-183



MAT 7986

80-Hg-183

Elastic Legendre Coefficients



80-Hg-183

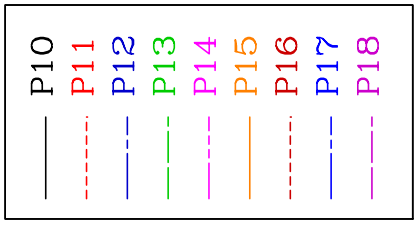
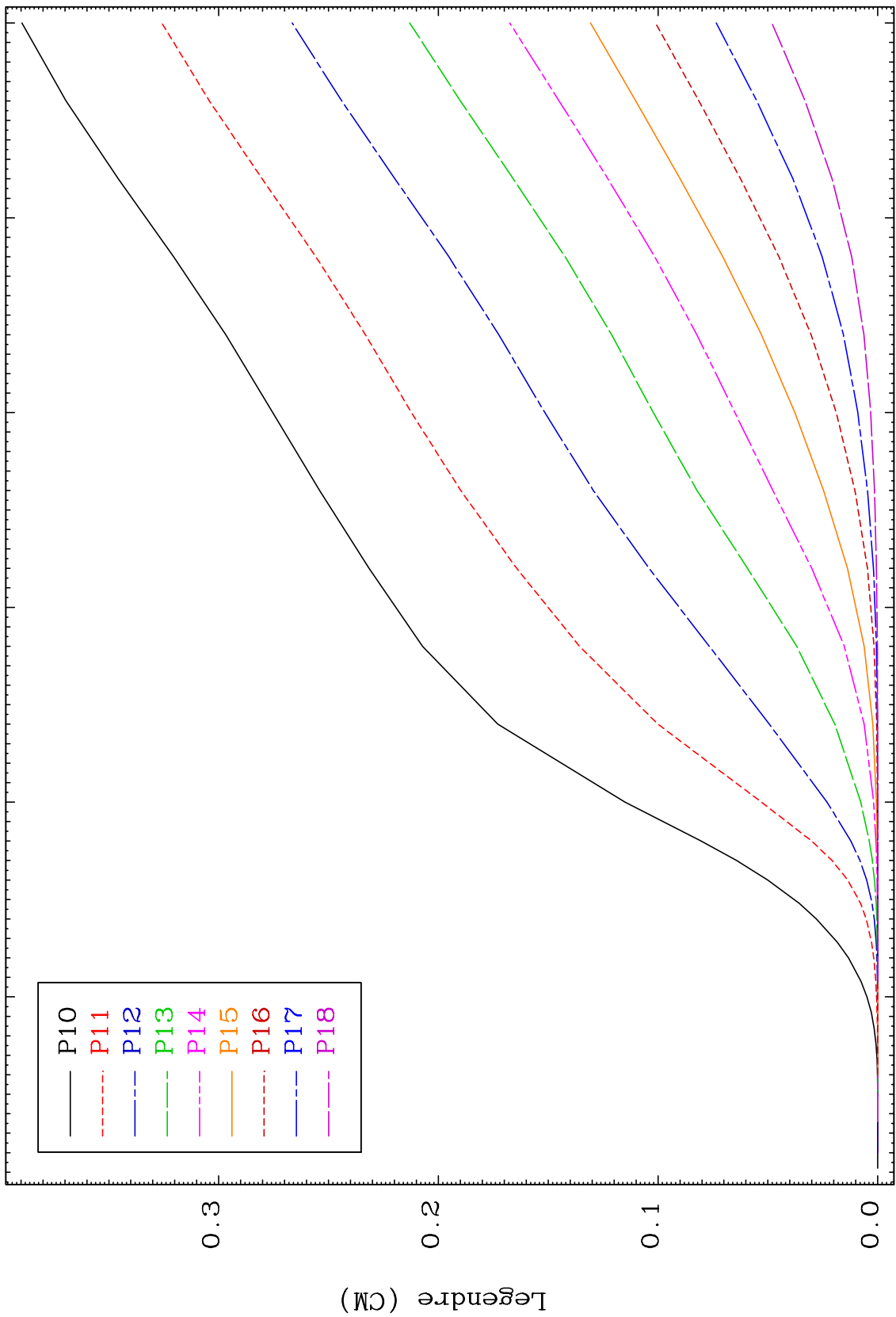
Incident Energy (MeV)

16

MAT 7986

Elastic Legendre Coefficients

80-Hg-183



Legendre (CM)

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0.1
0.0

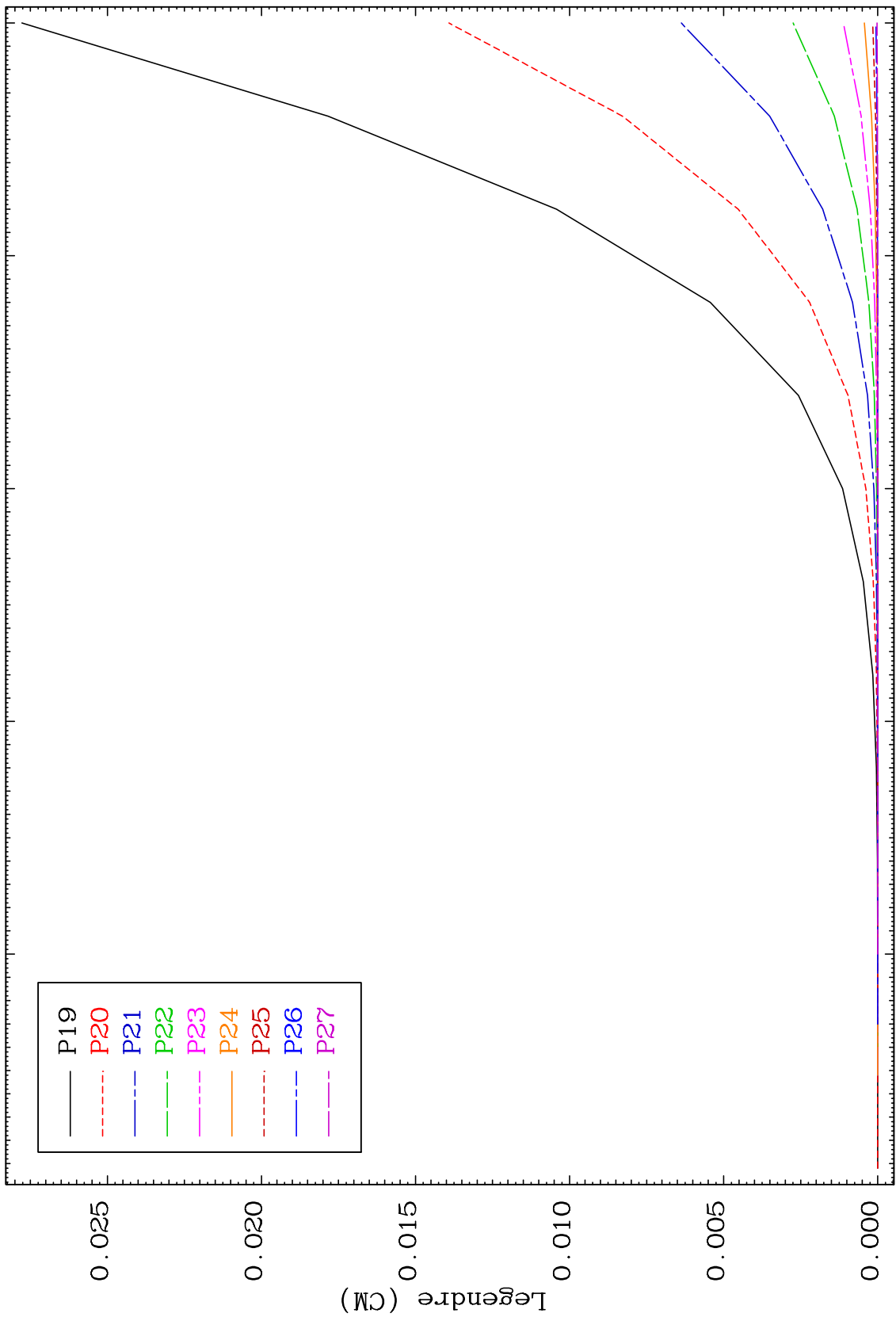
30
25
20
15
10
5
17

80-Hg-183

MAT 7986

Elastic Legendre Coefficients

80-Hg-183



18

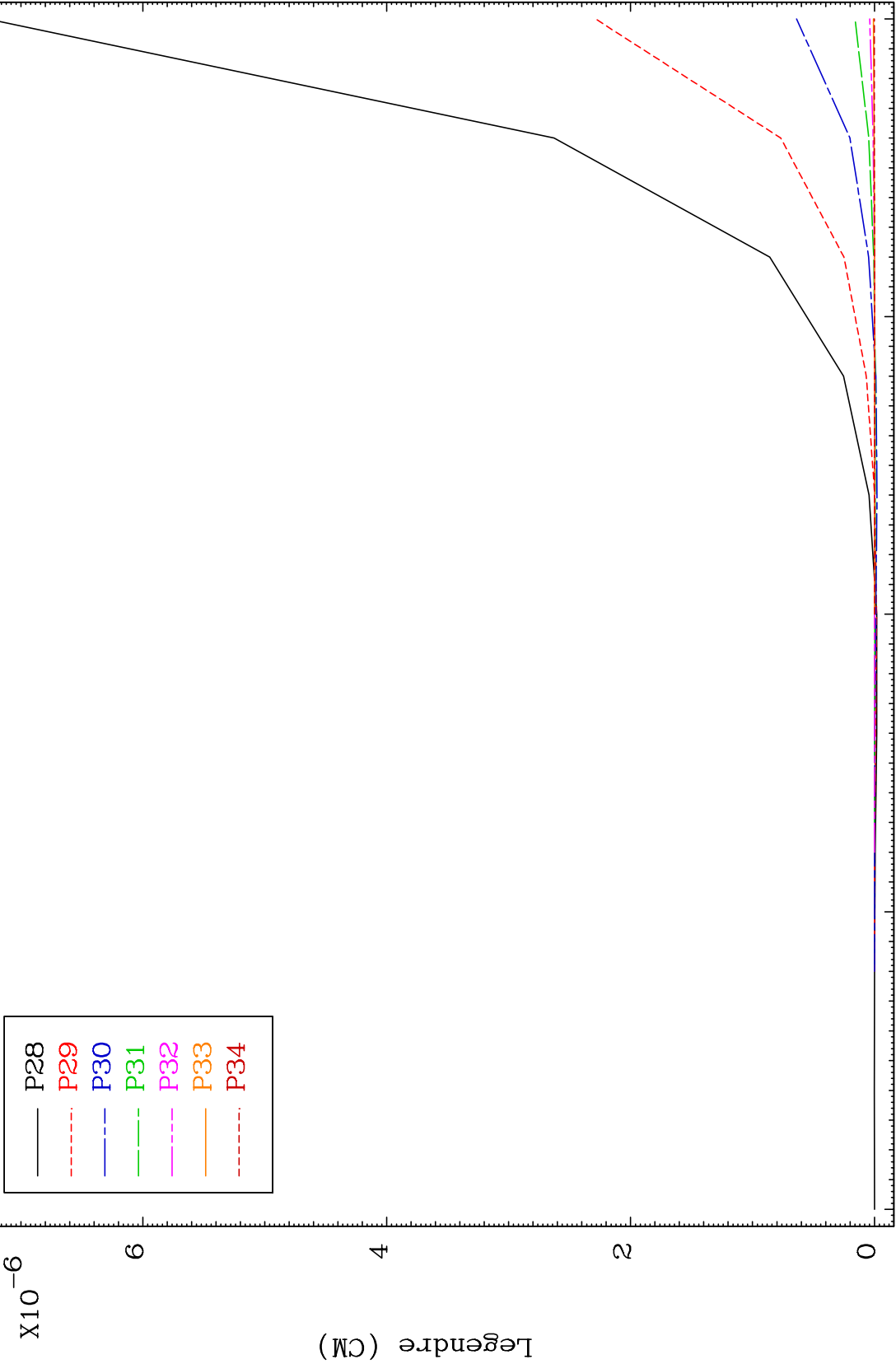
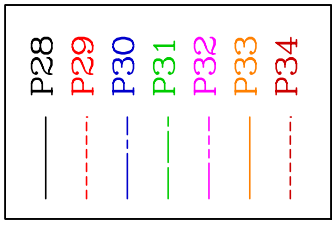
Incident Energy (MeV)

80-Hg-183

MAT 7986

Elastic
Legendre Coefficients

80-Hg-183



80-Hg-183

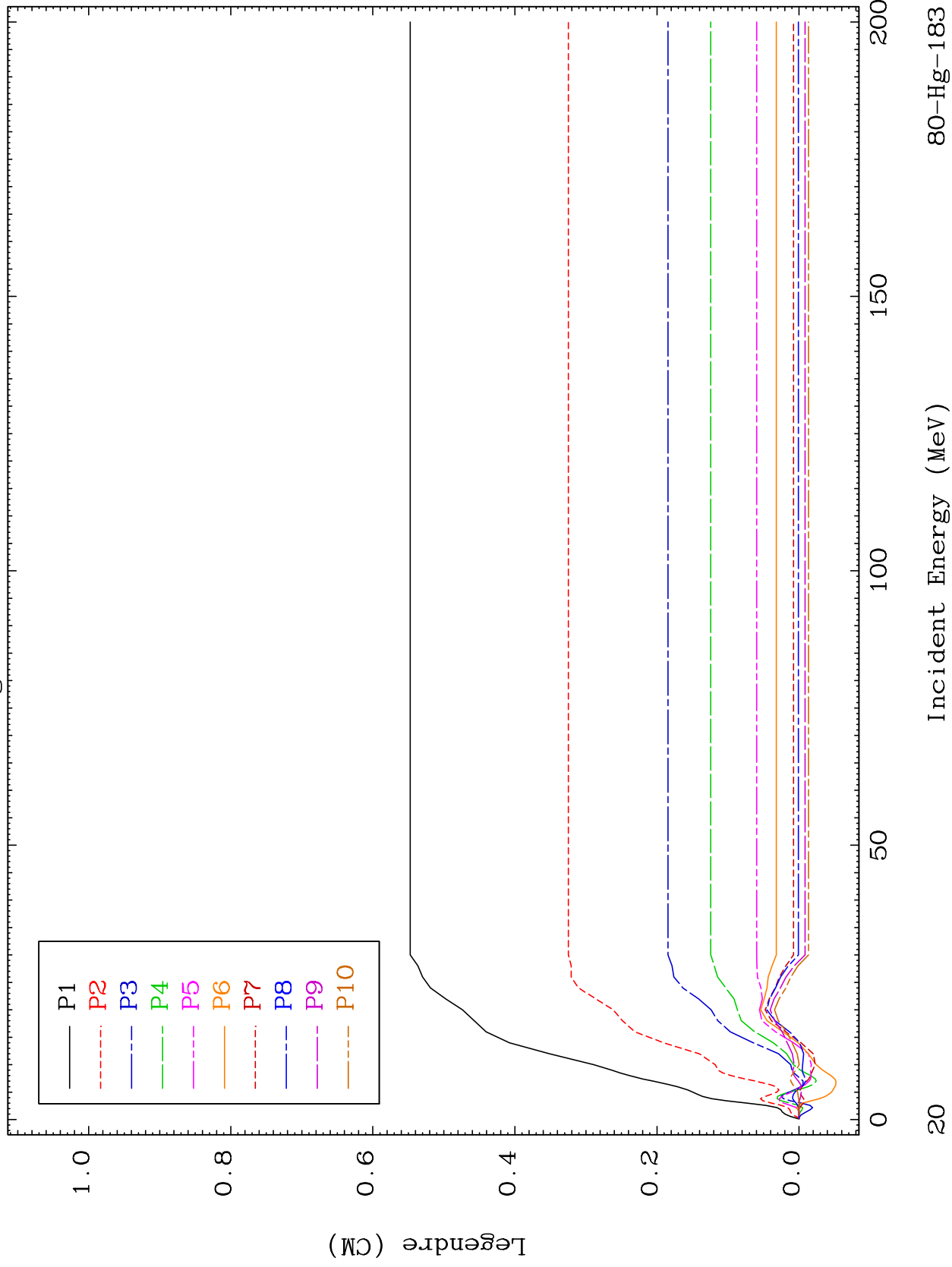
Incident Energy (MeV)

19

MAT 7986

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

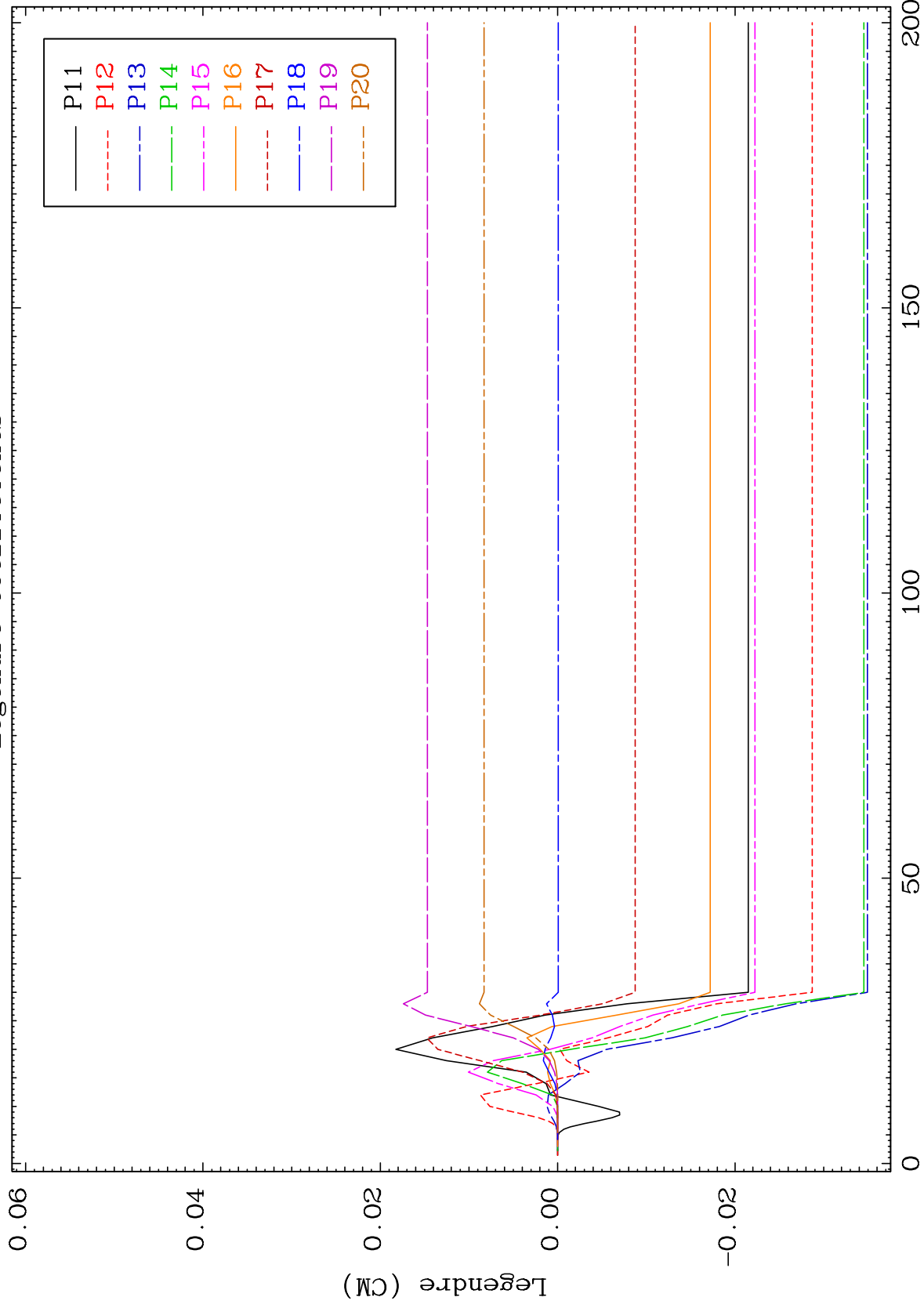
80-Hg-183

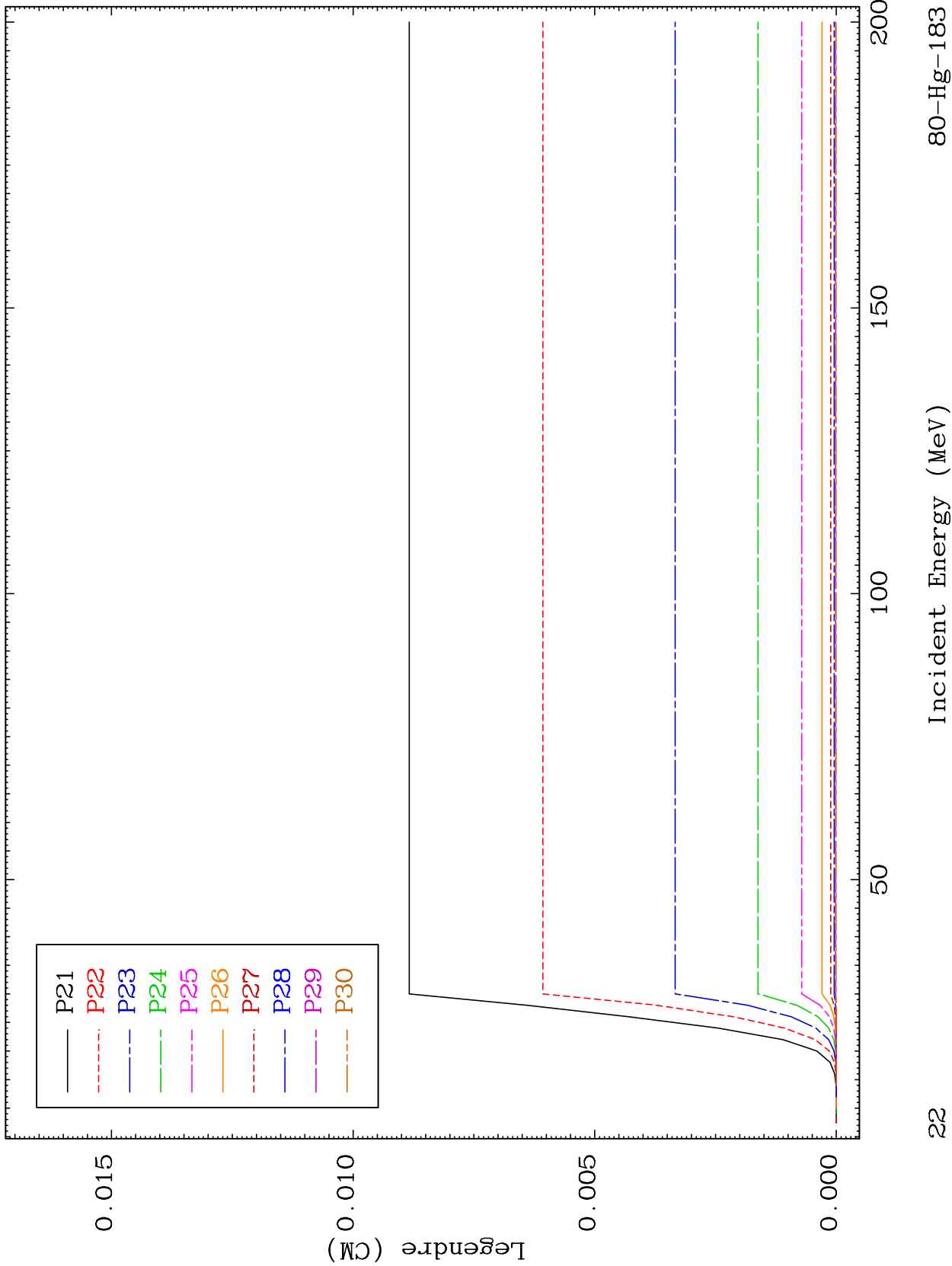


MAT 7986

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

80-Hg-183

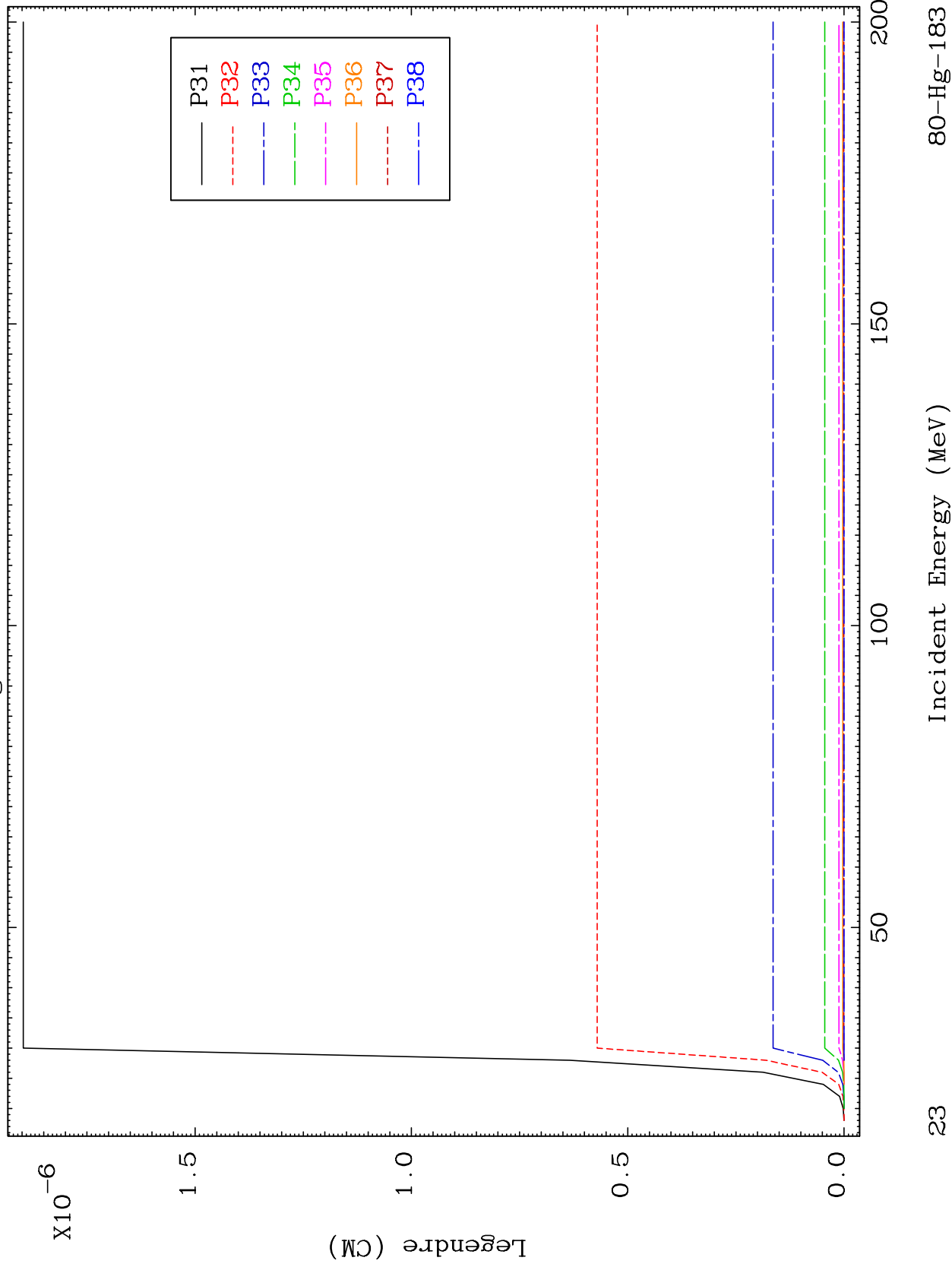




MAT 7986

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

80-Hg-183



23

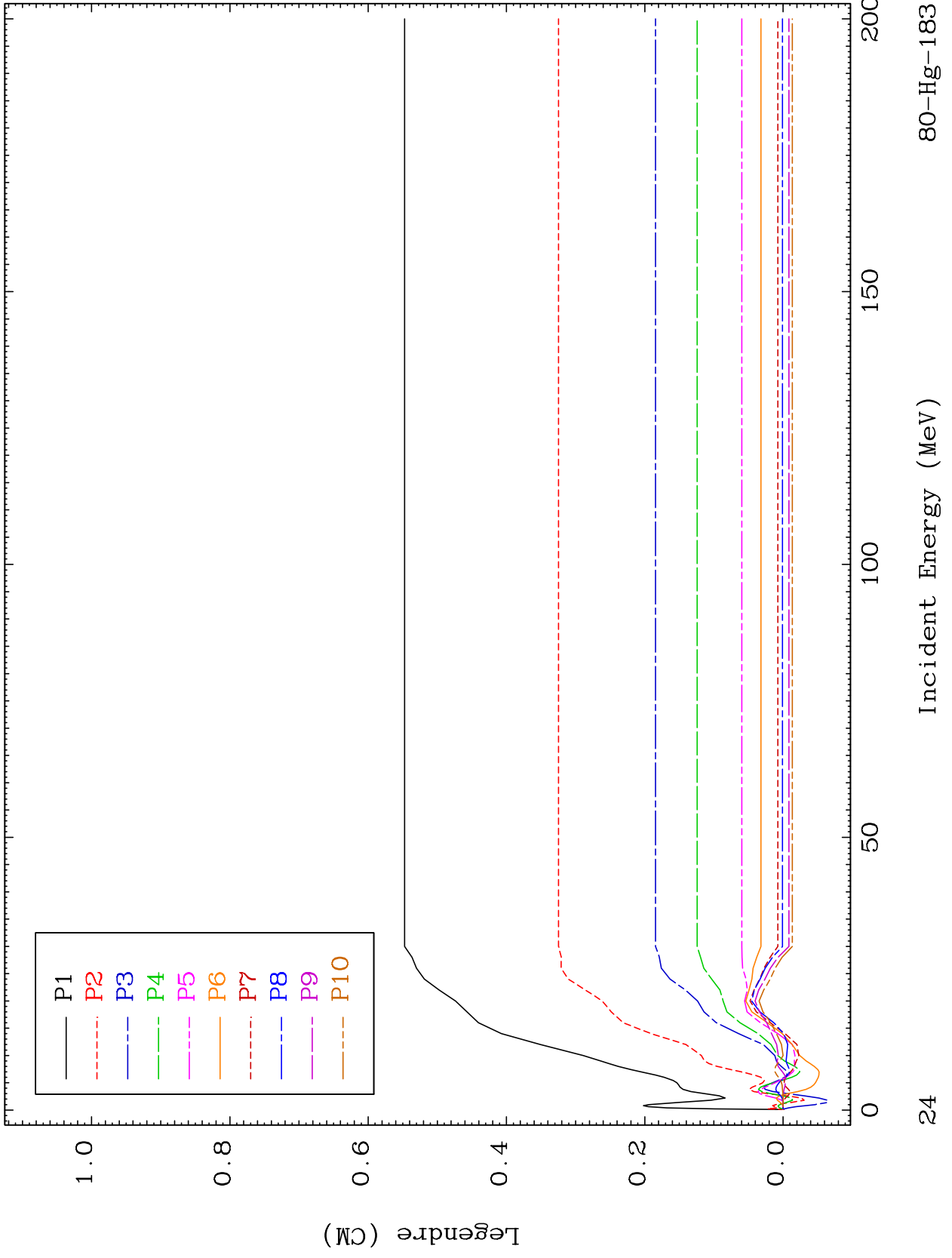
Incident Energy (MeV)

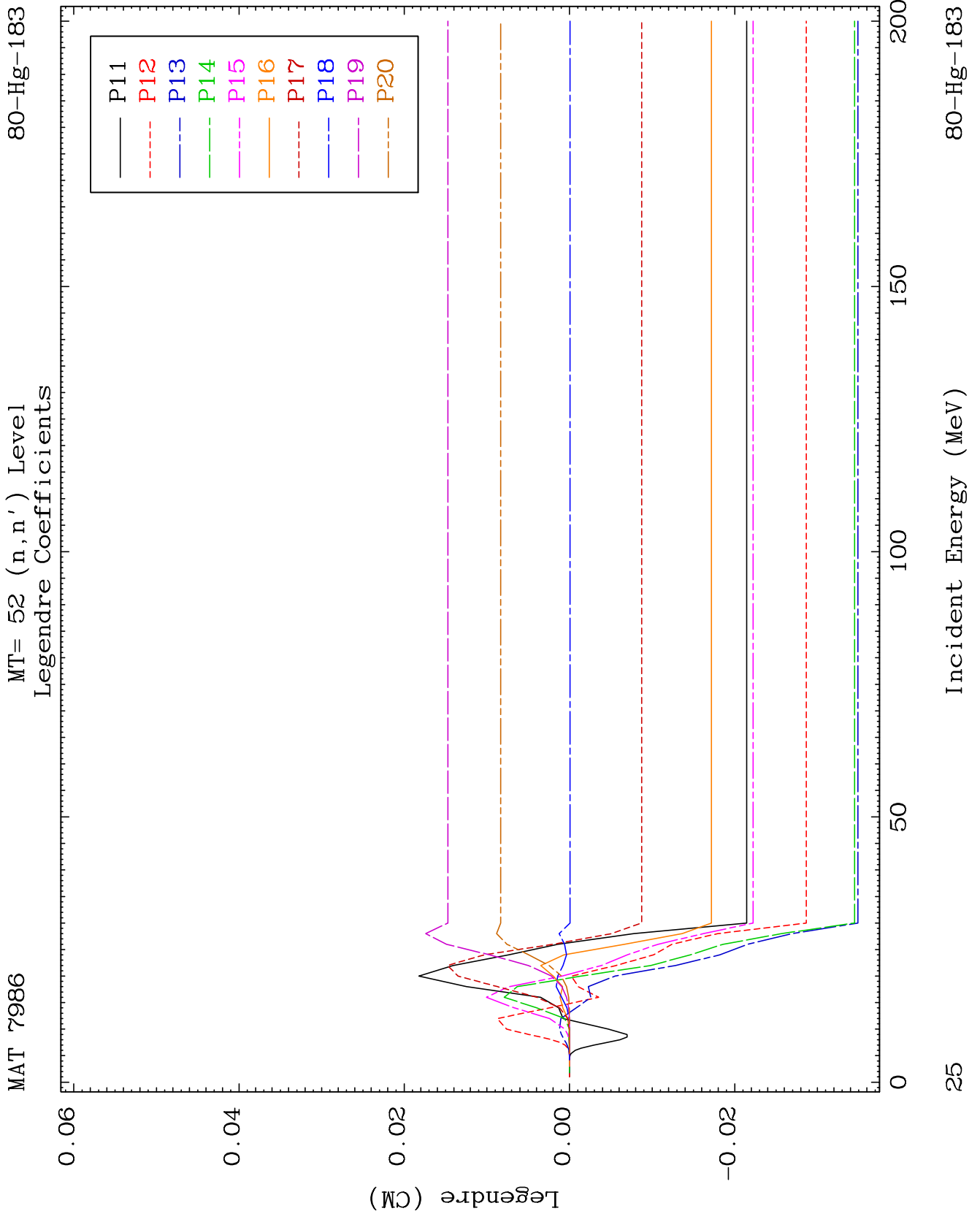
80-Hg-183

MAT 7986

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

80-Hg-183

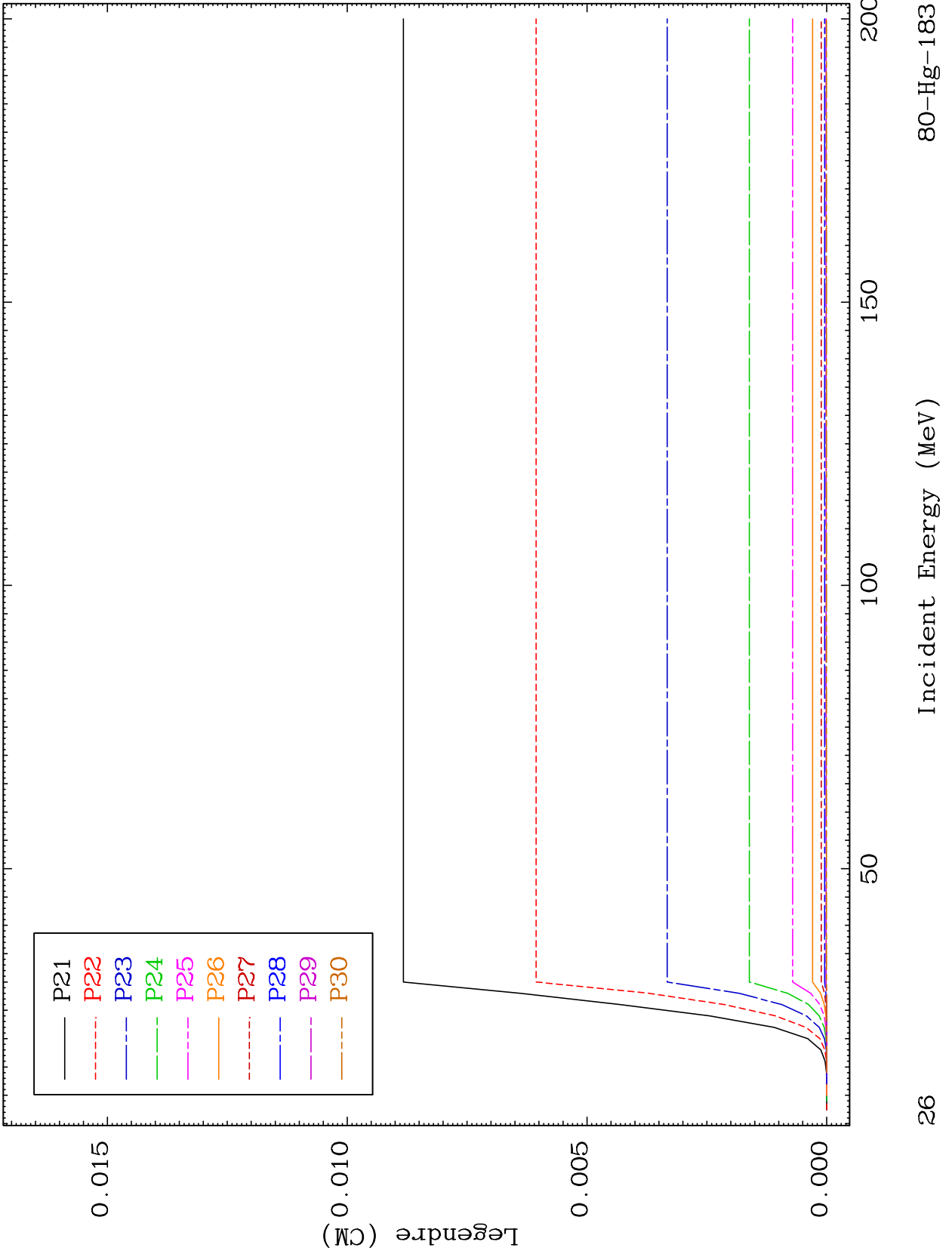




MAT 7986

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

80-Hg-183



26

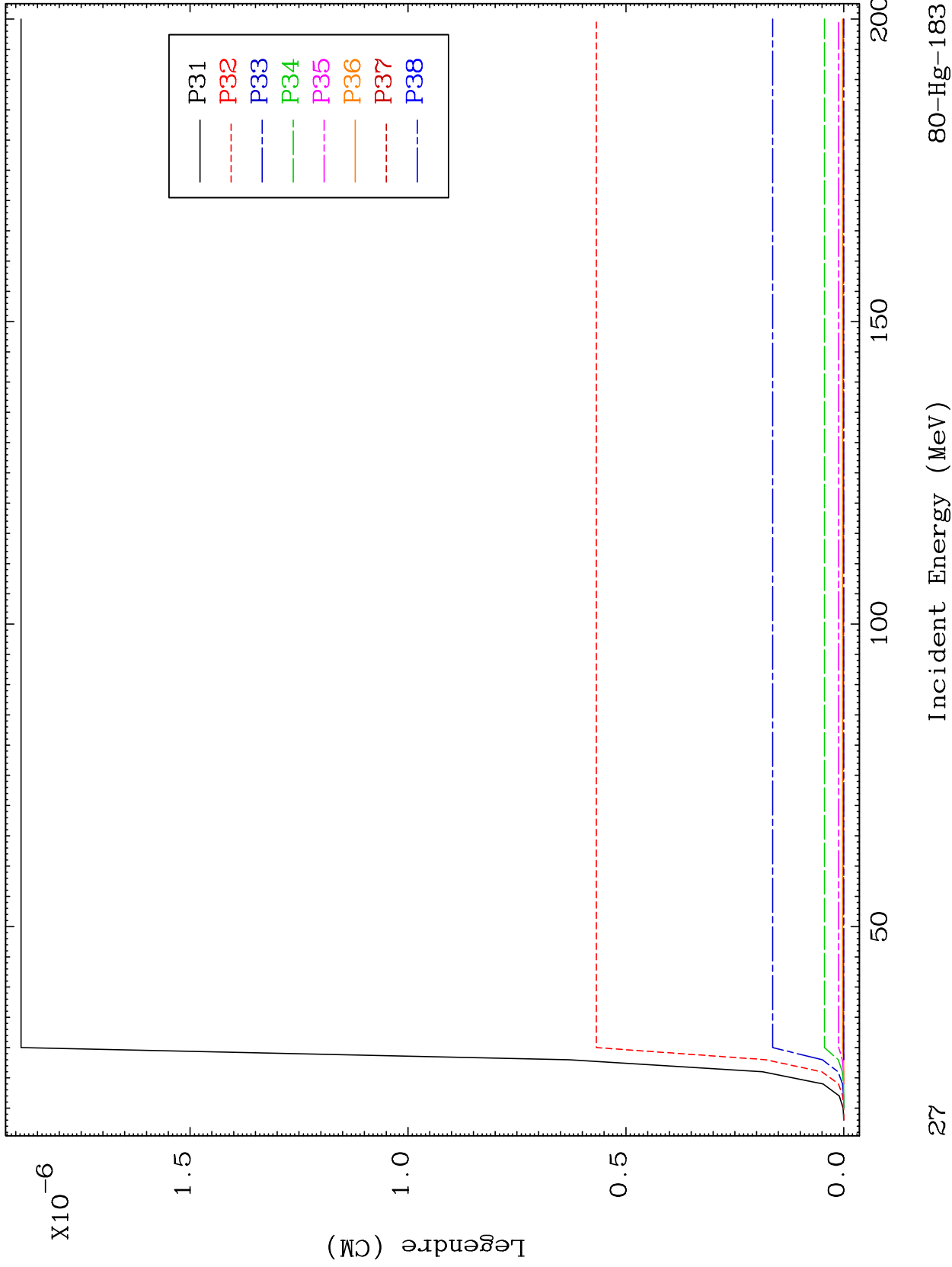
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



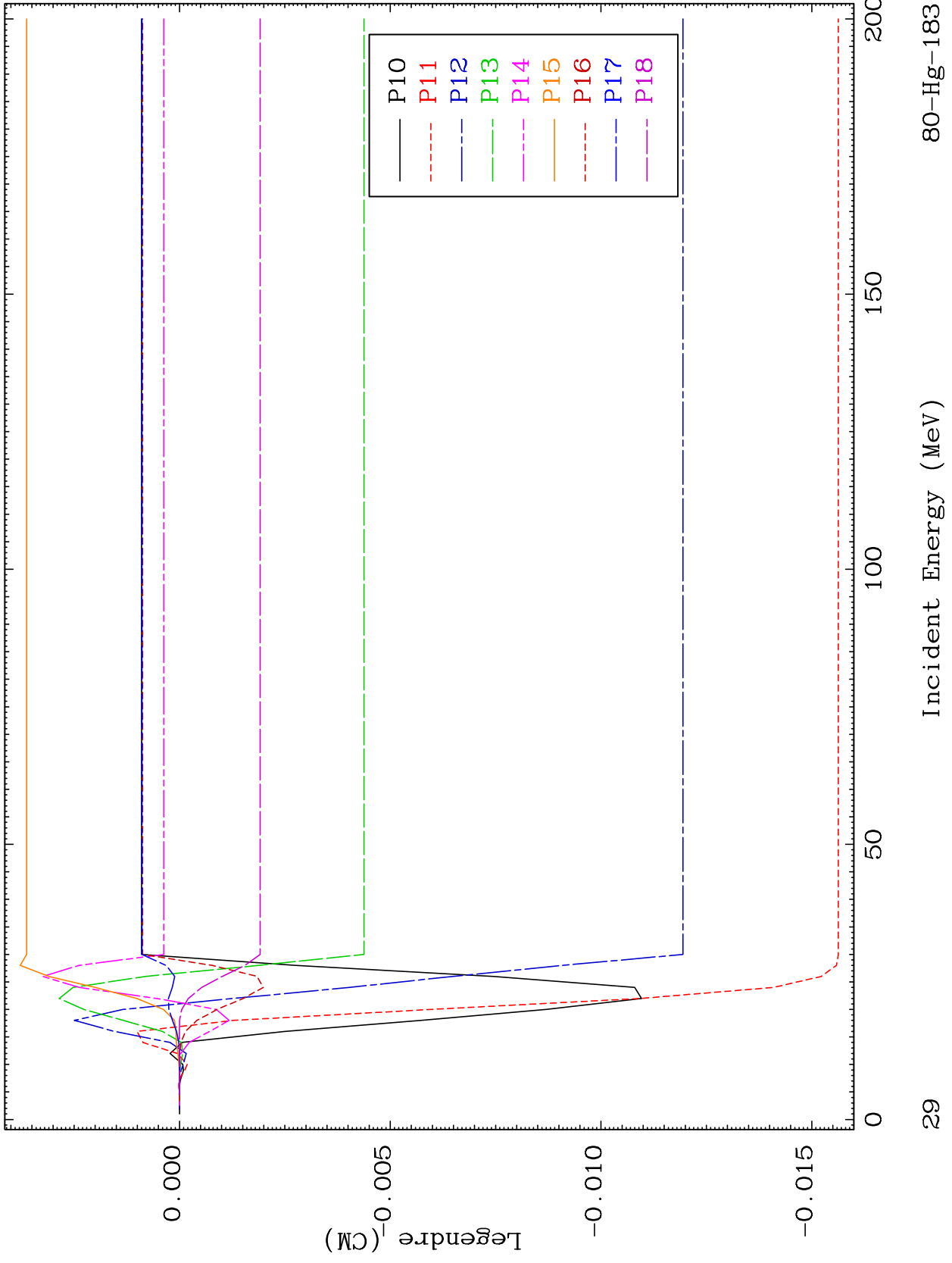
27

80-Hg-183

MAT 7986

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

80-Hg-183



29

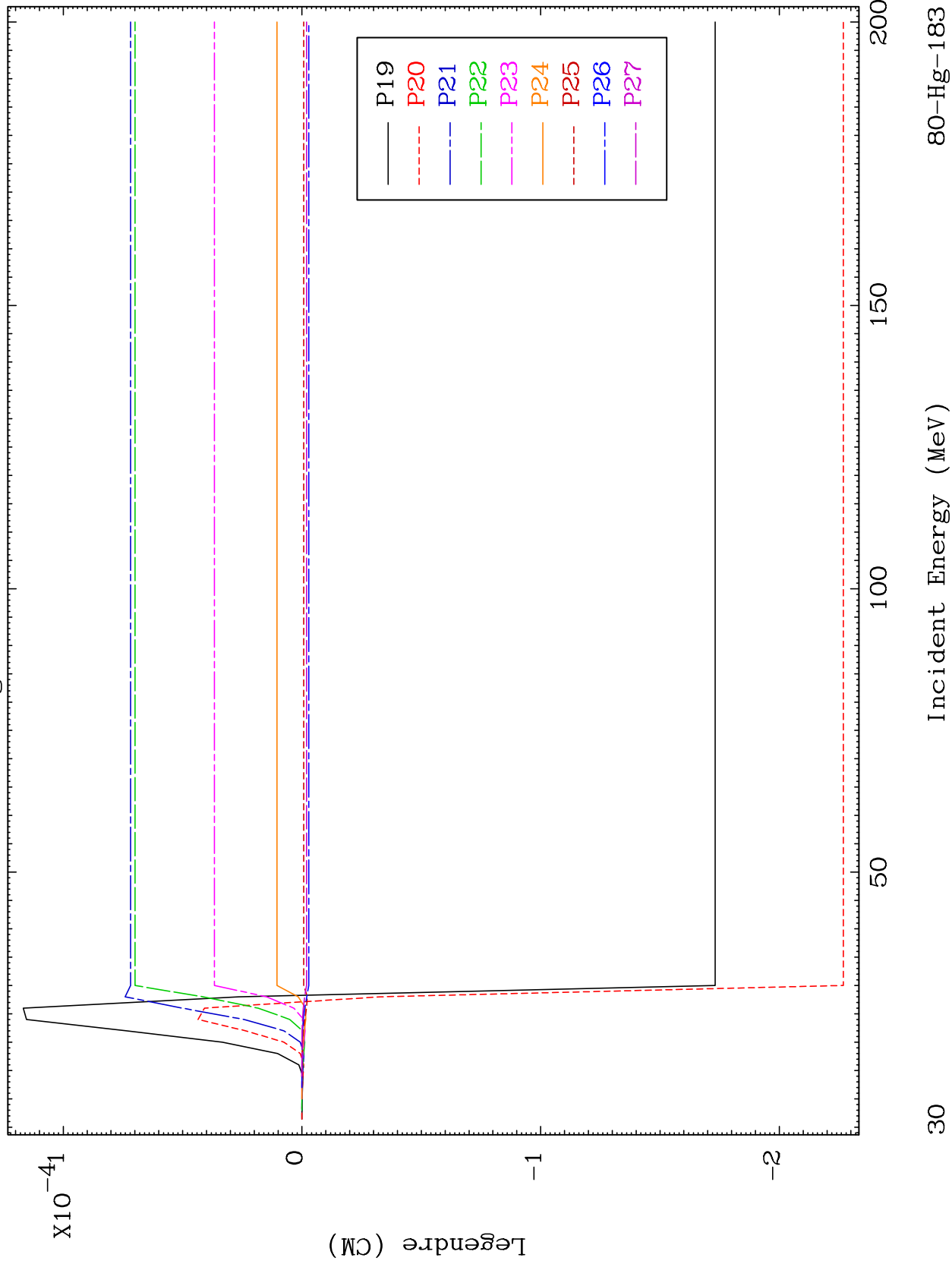
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

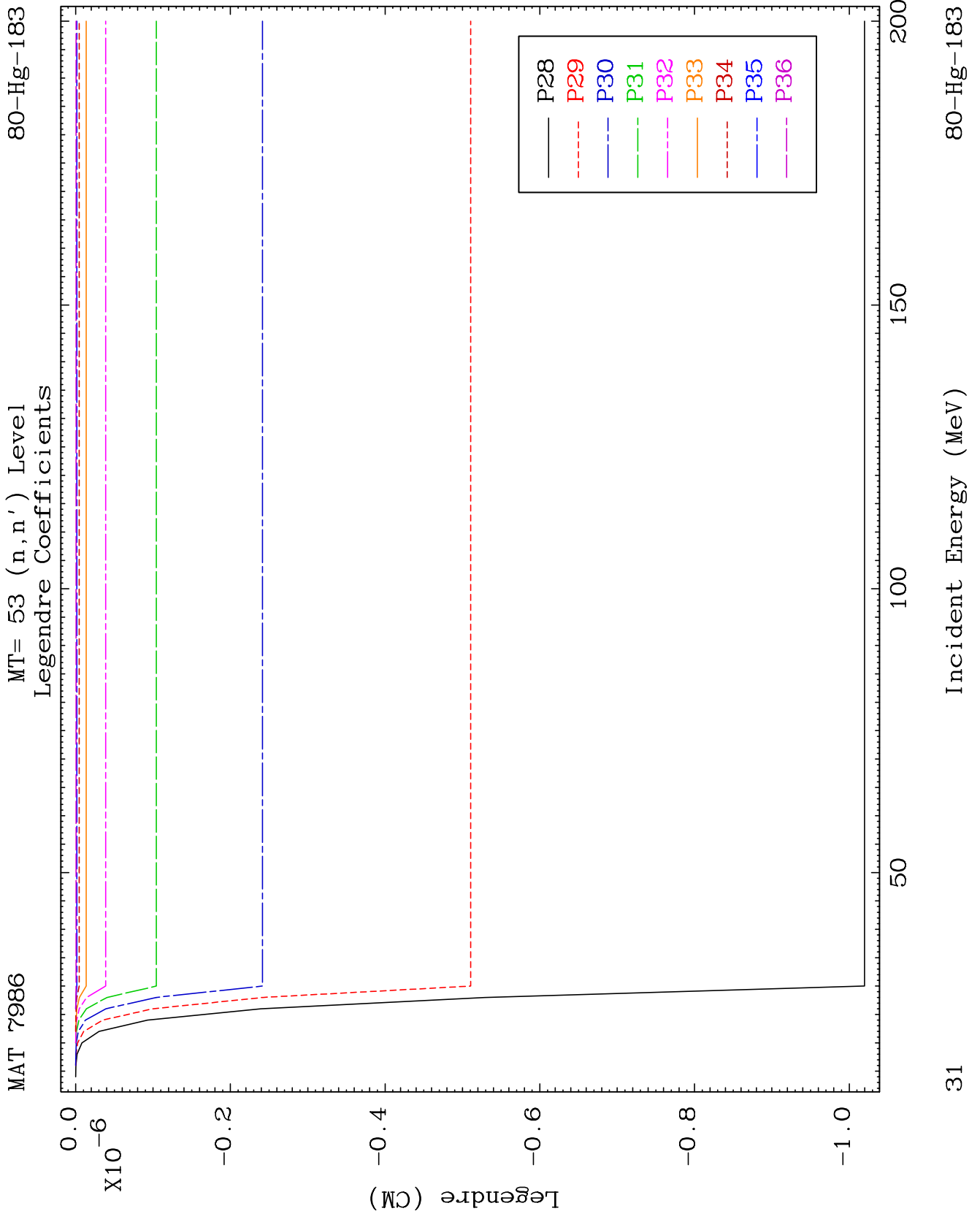
80-Hg-183



30

Incident Energy (MeV)

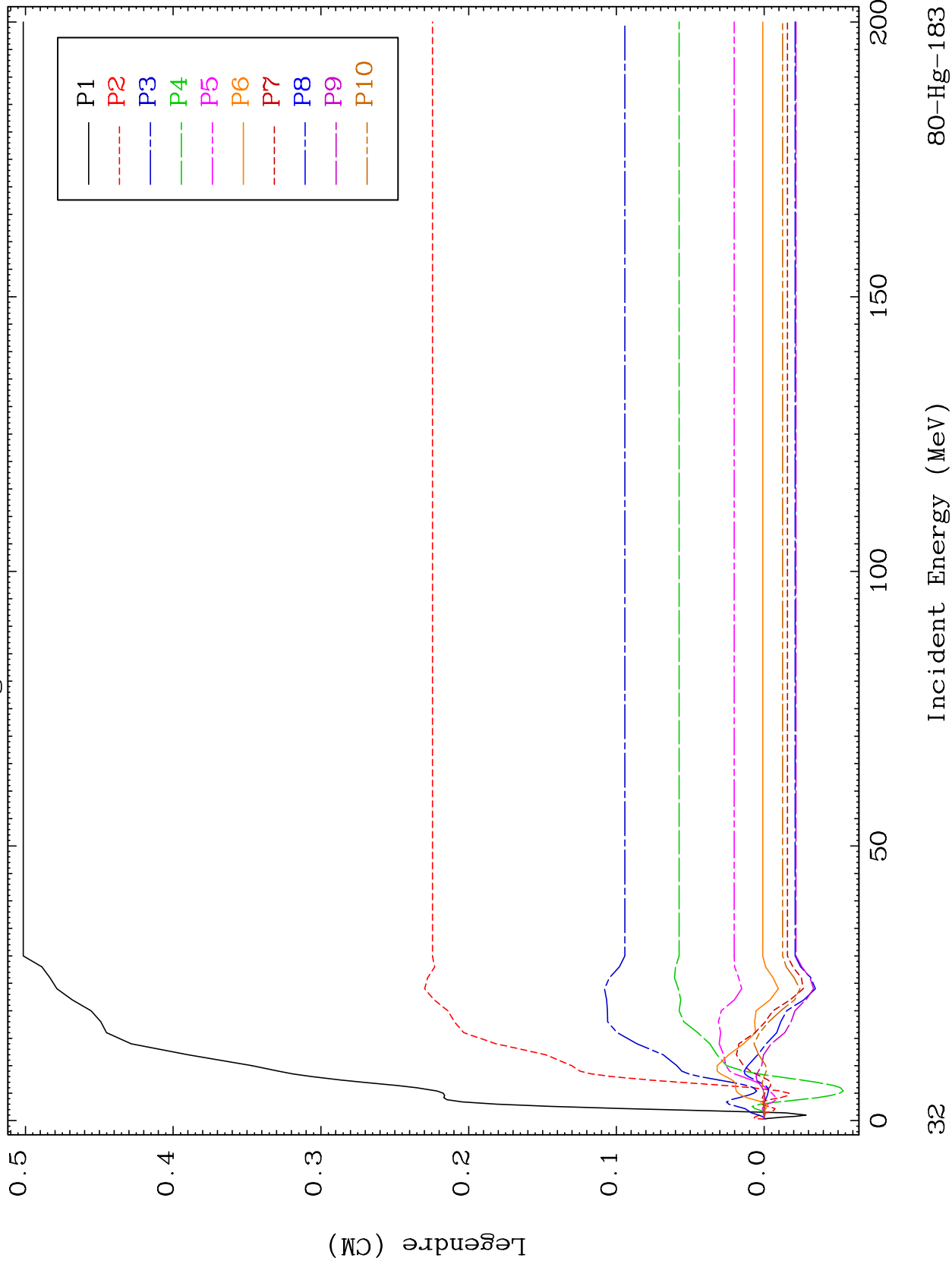
80-Hg-183



MAT 7986

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

80-Hg-183



80-Hg-183

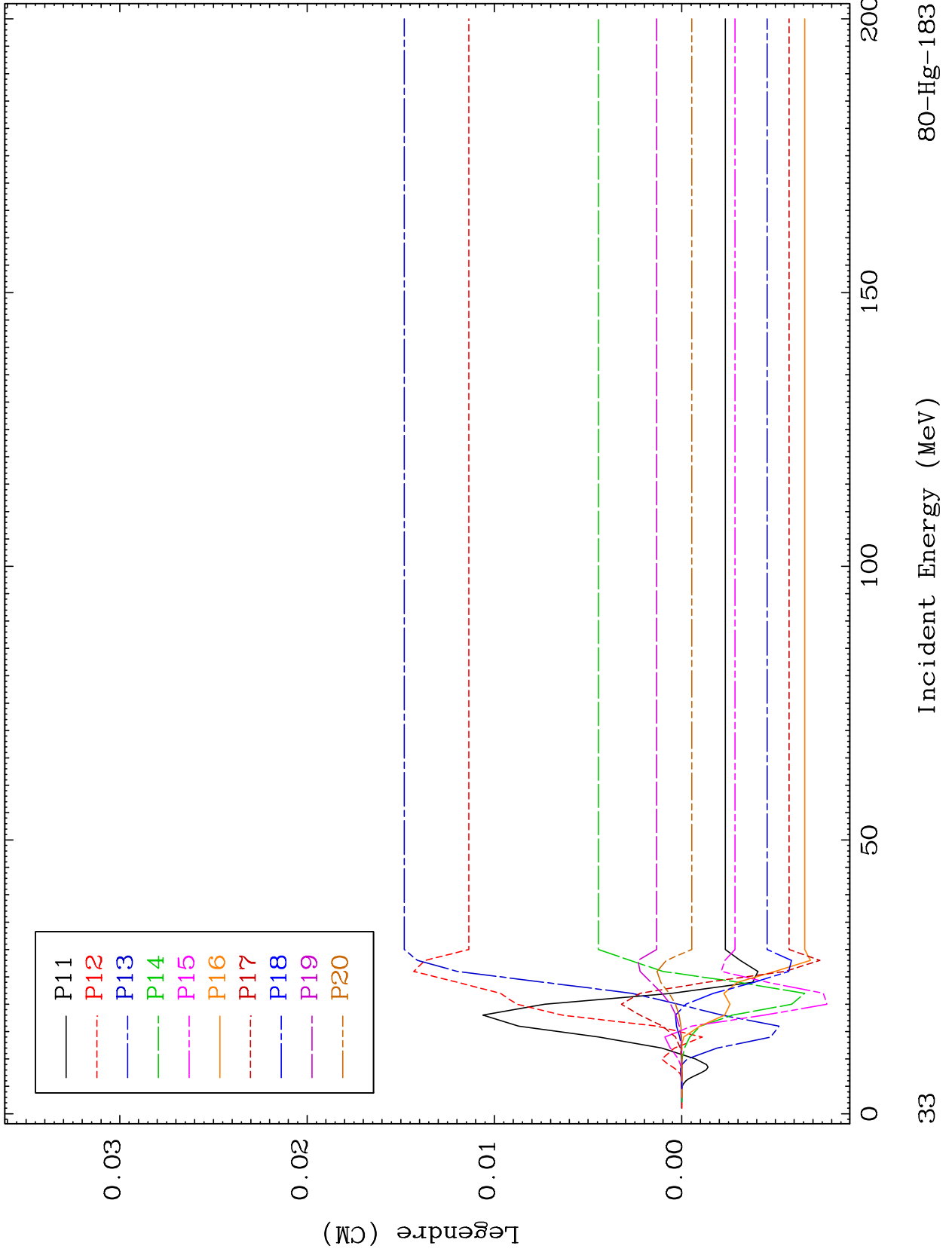
Incident Energy (MeV)

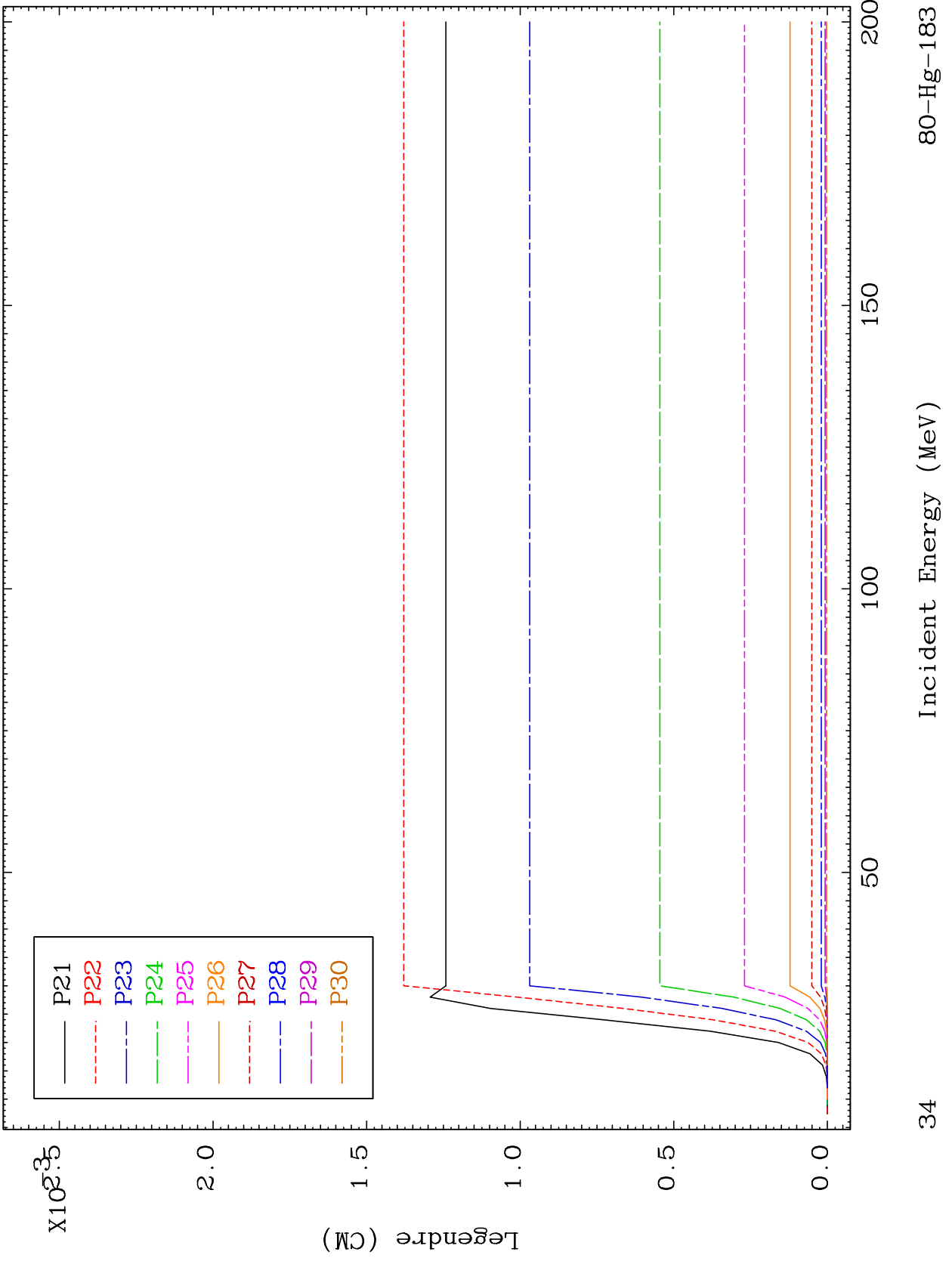
32

MAT 7986

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

80-Hg-183

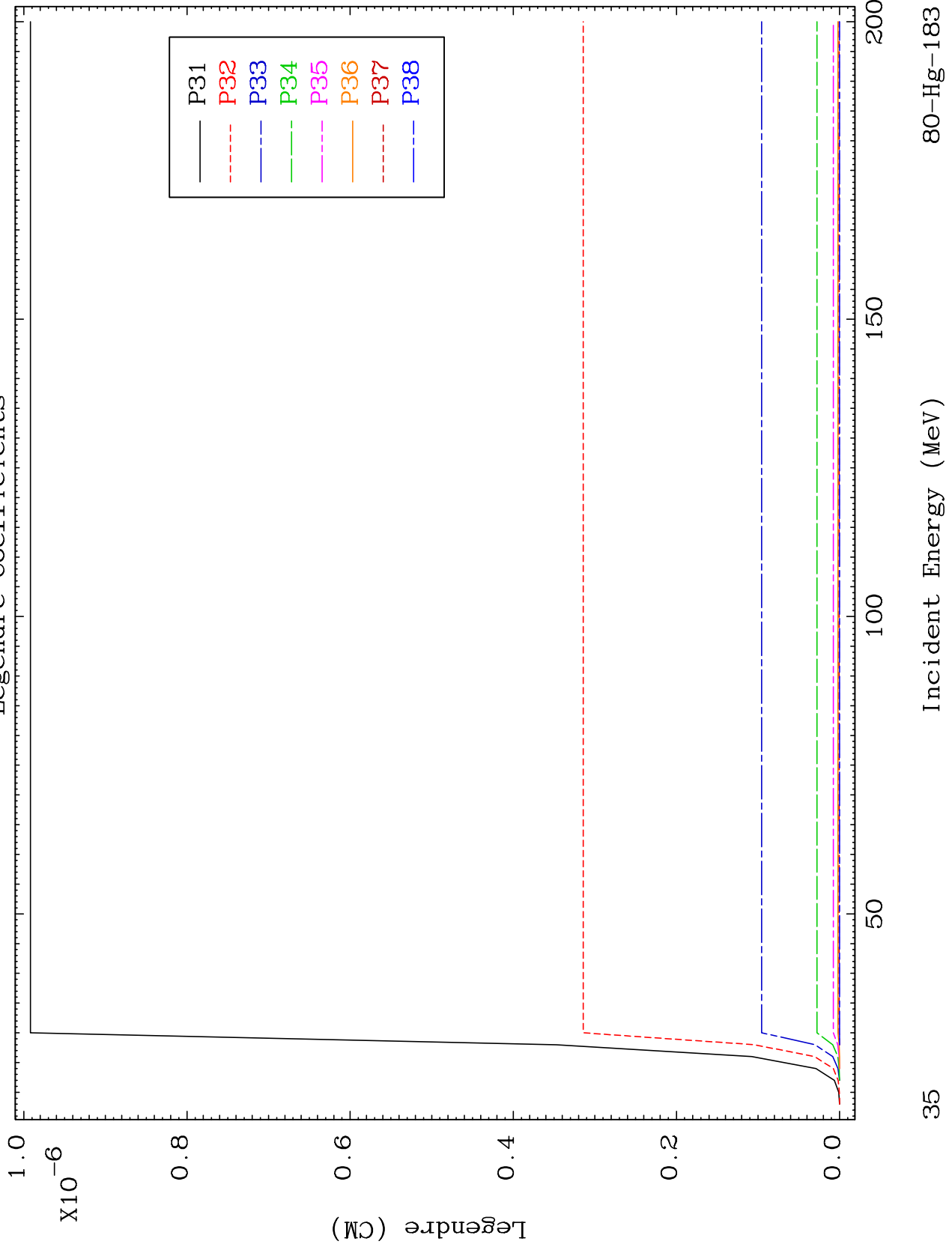




MAT 7986

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

80-Hg-183



80-Hg-183

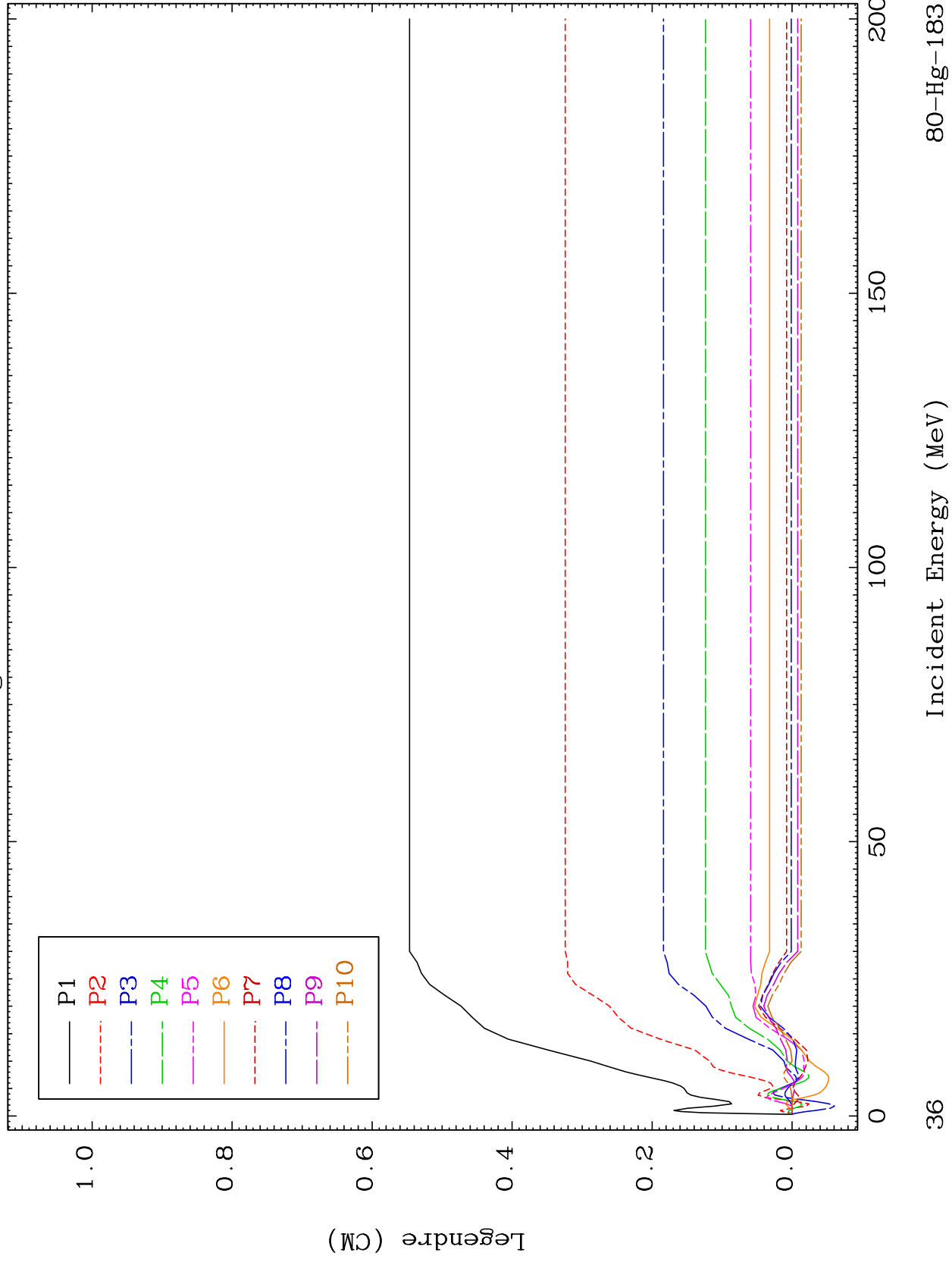
Incident Energy (MeV)

35

MAT 7986

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

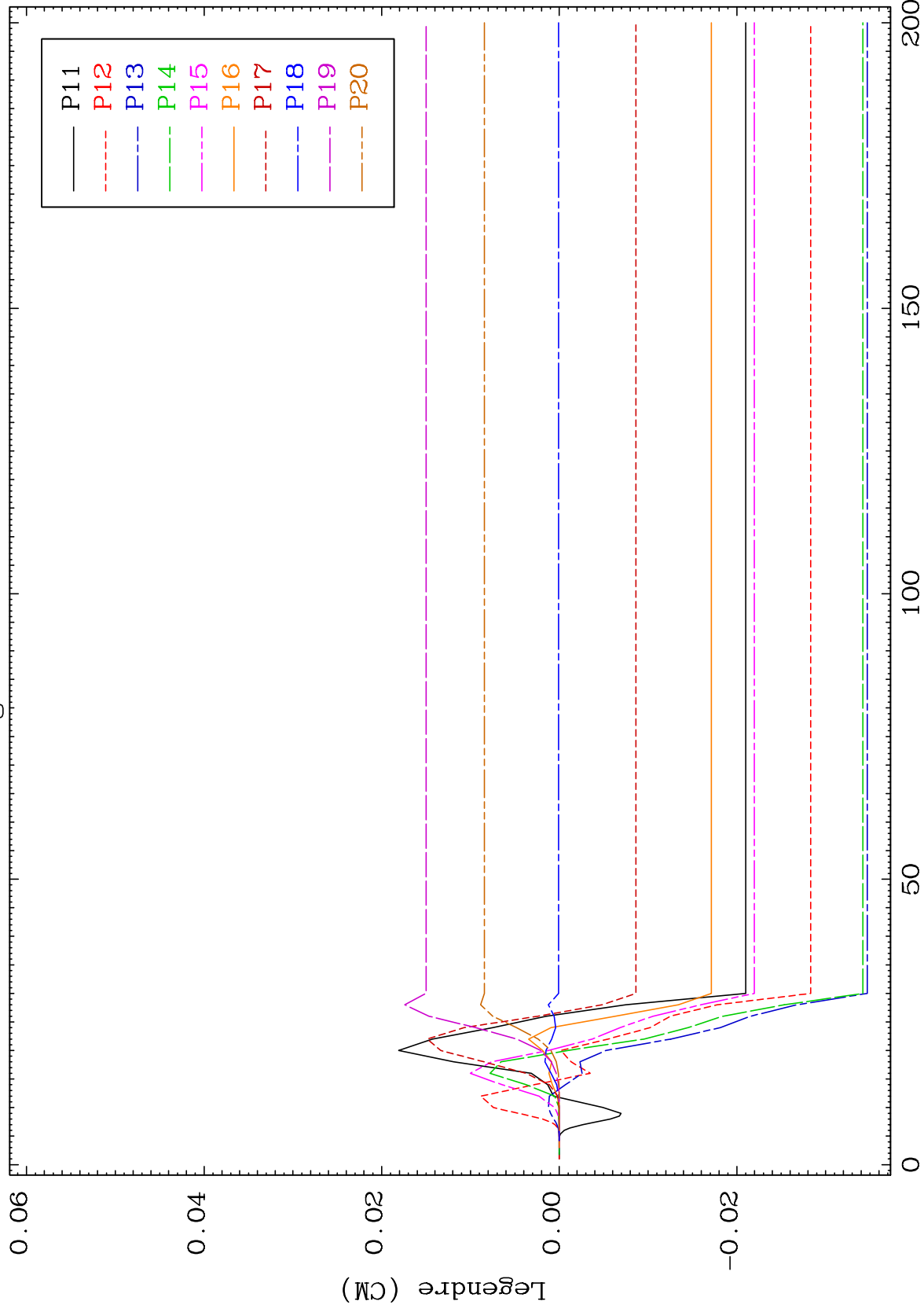
80-Hg-183



MAT 7986

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

80-Hg-183



37

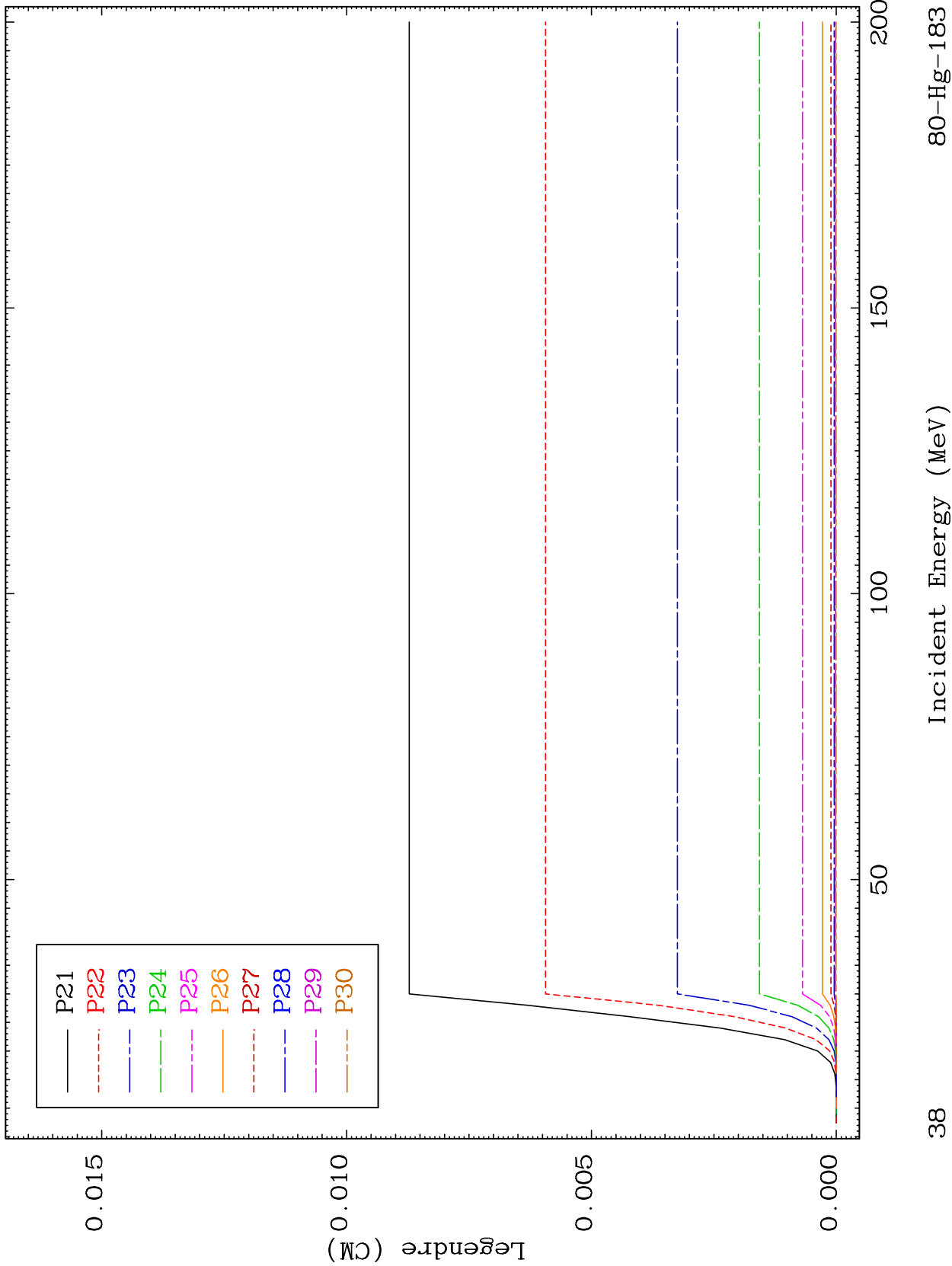
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



38

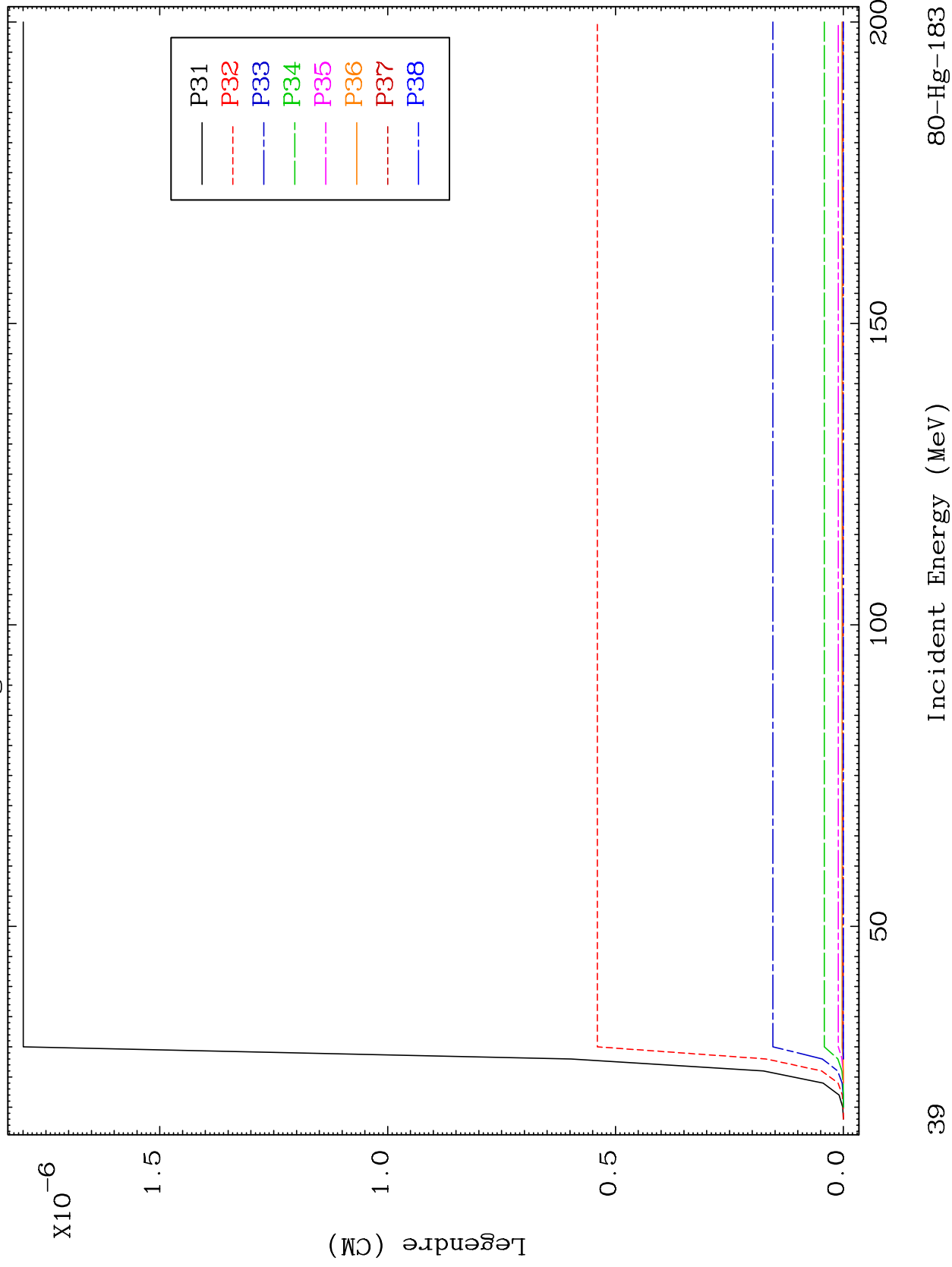
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



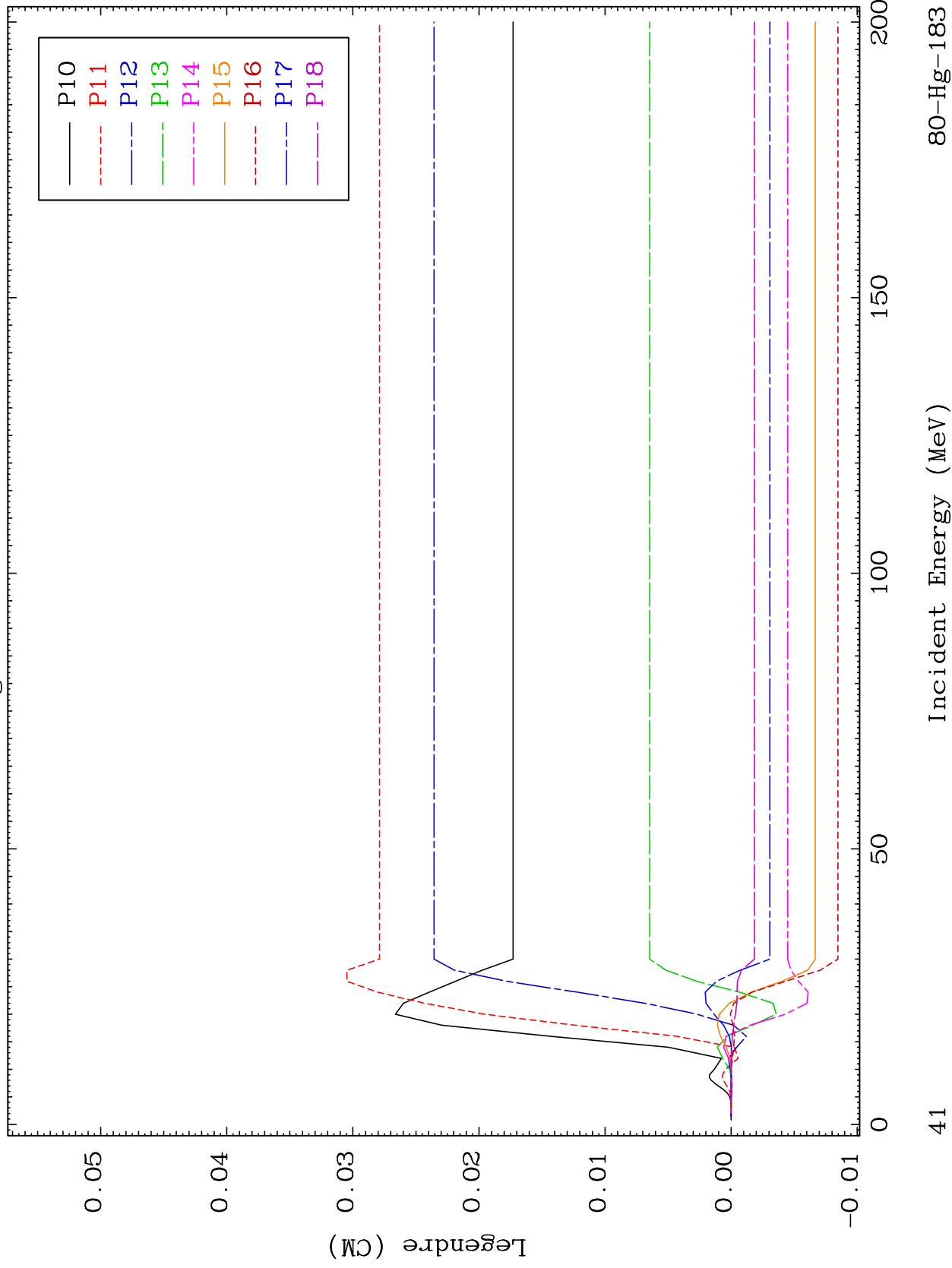
39

80-Hg-183

MAT 7986

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

80-Hg-183



41

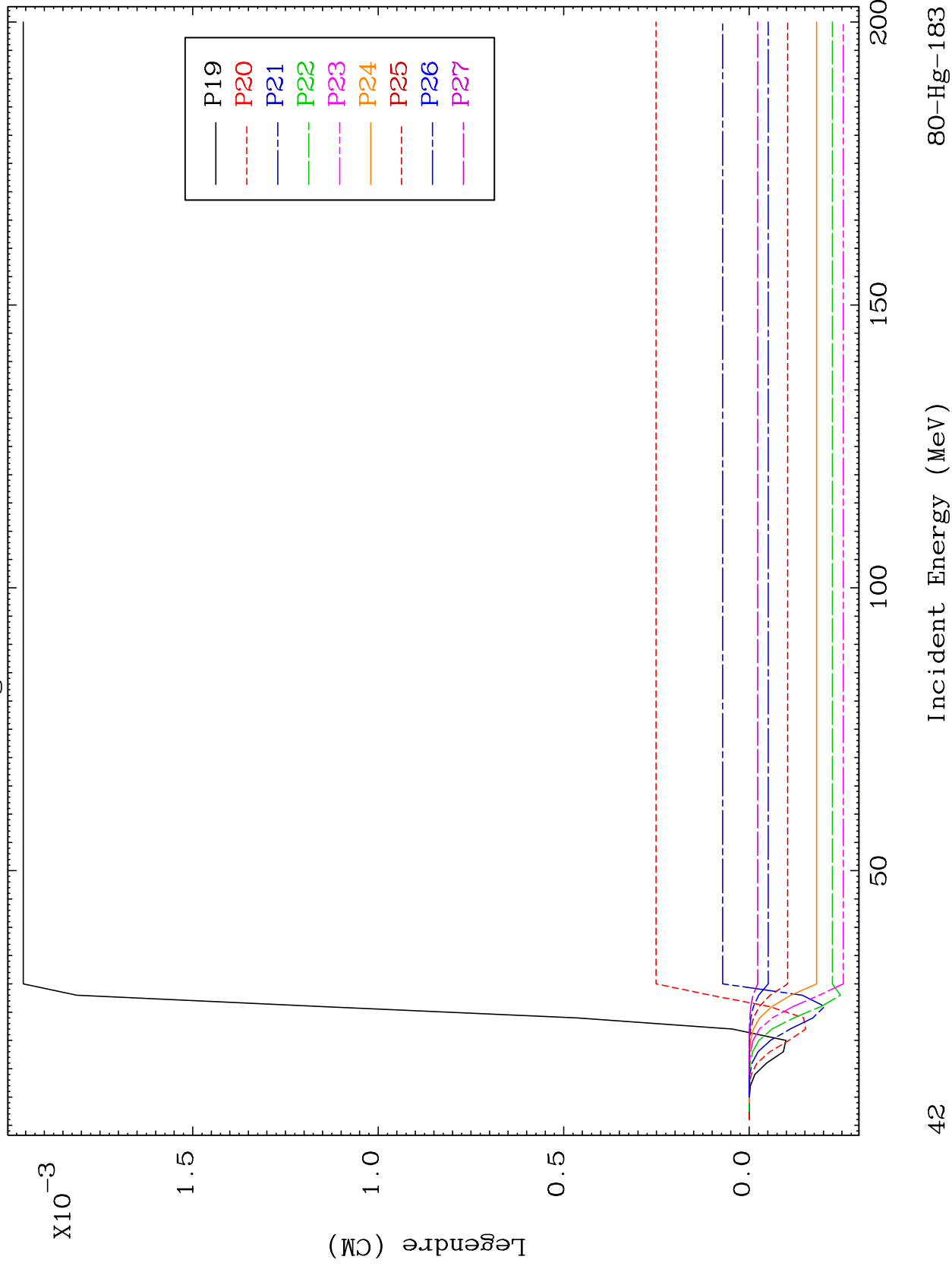
Incident Energy (MeV)

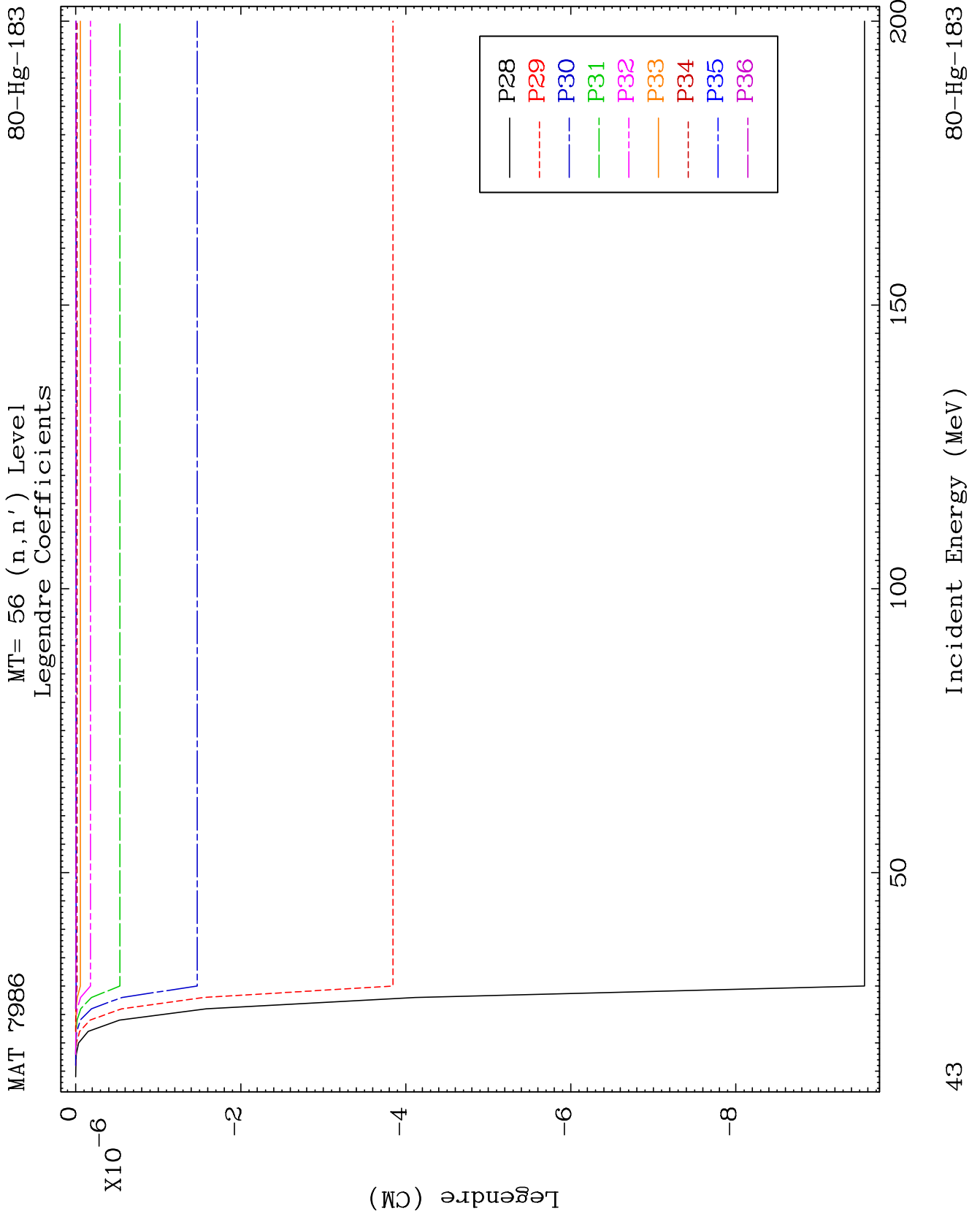
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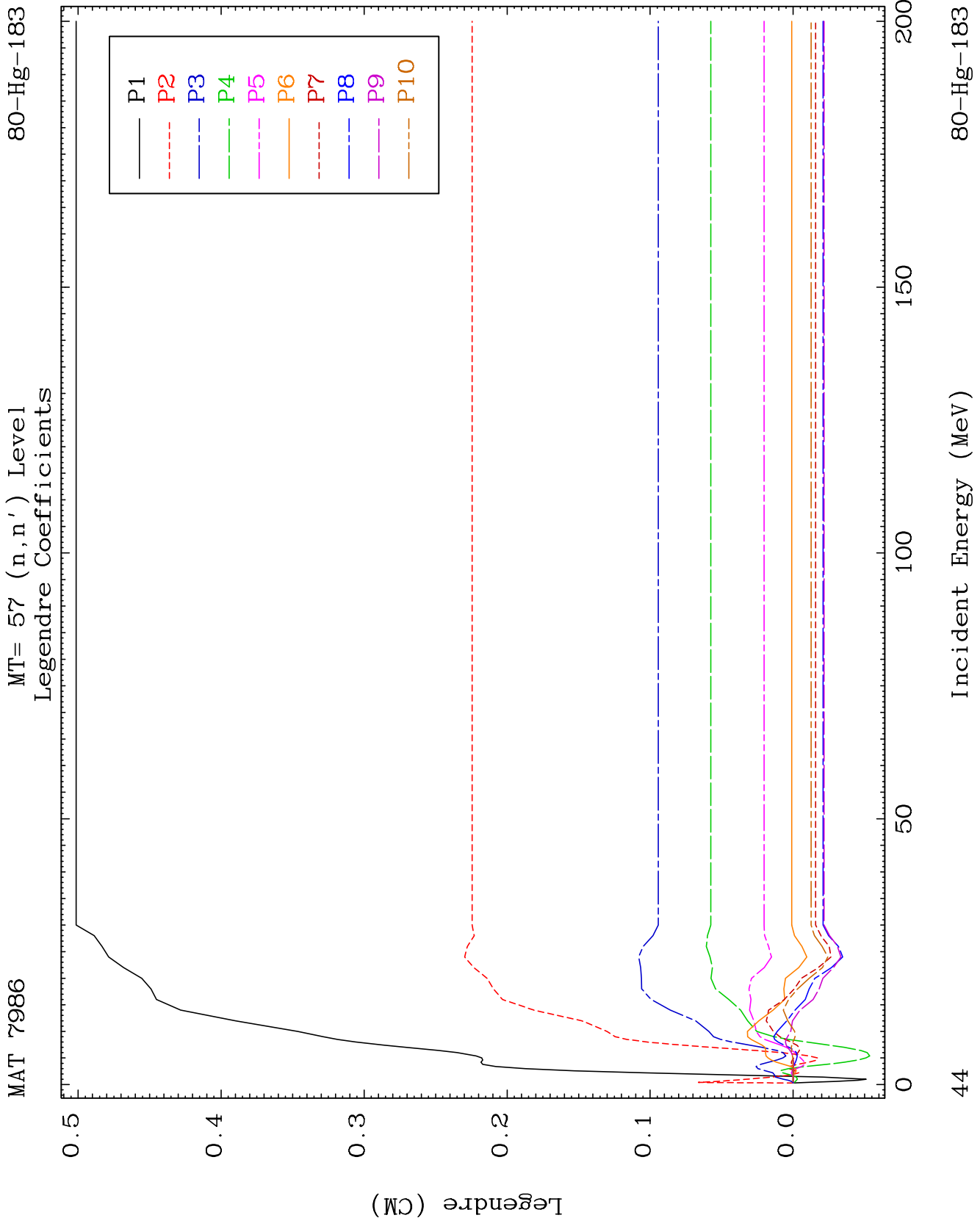
MAT 7986

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

80-Hg-183



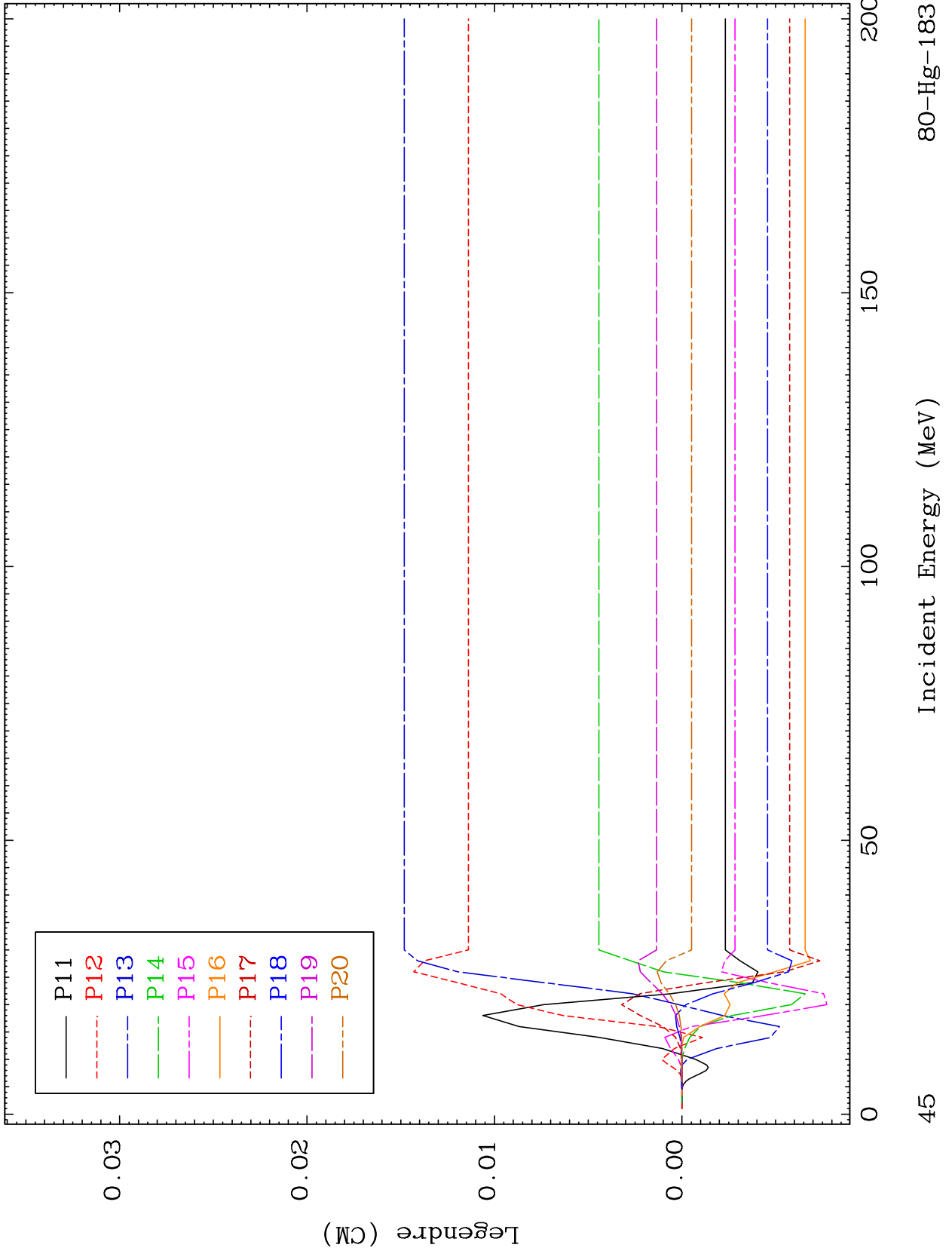




MAT 7986

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

80-Hg-183



80-Hg-183

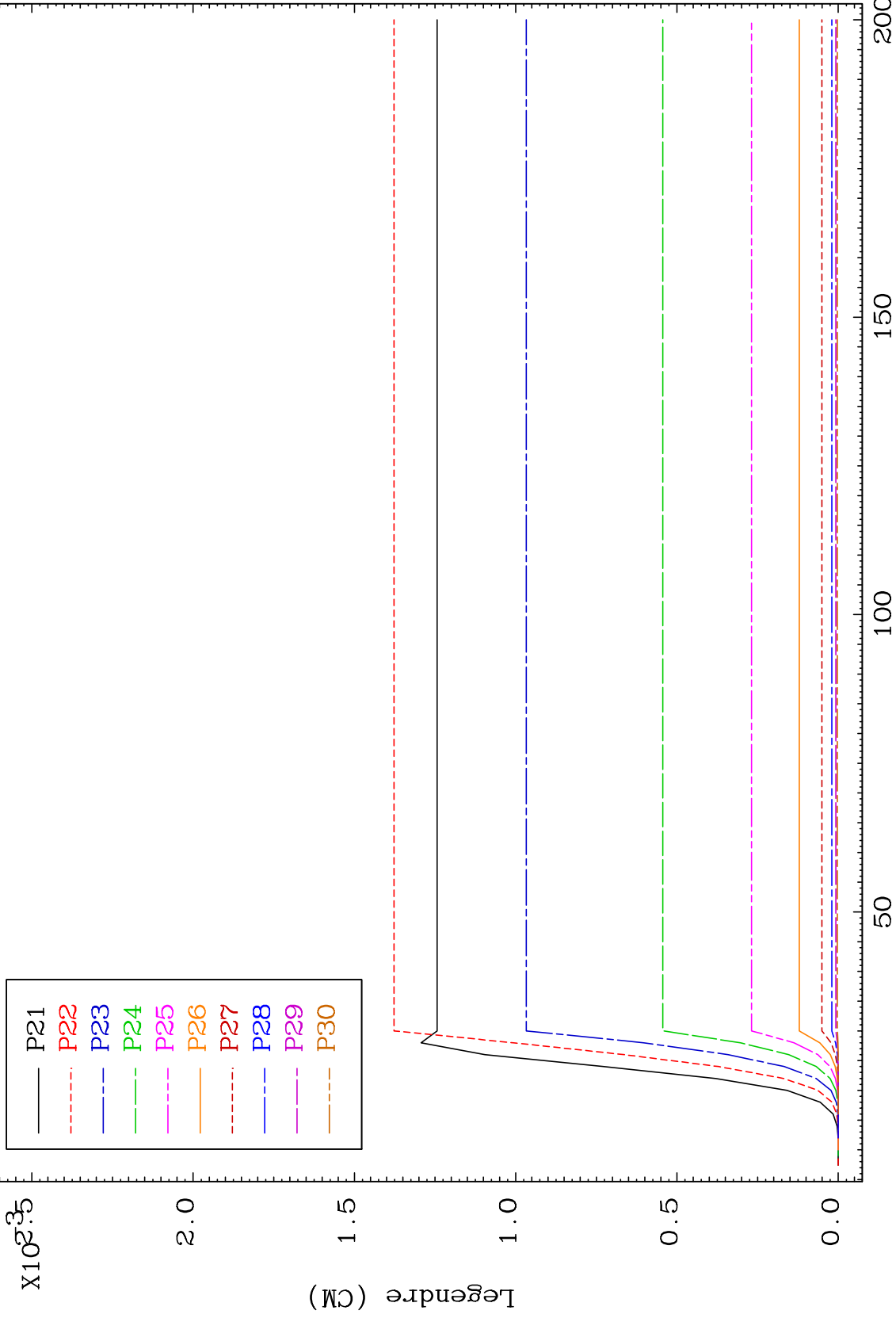
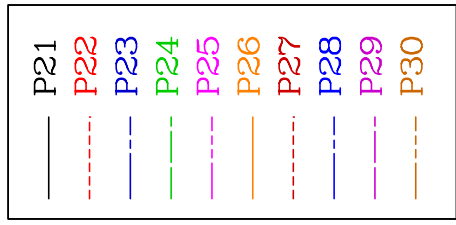
Incident Energy (MeV)

45

MAT 7986

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

80-Hg-183



46

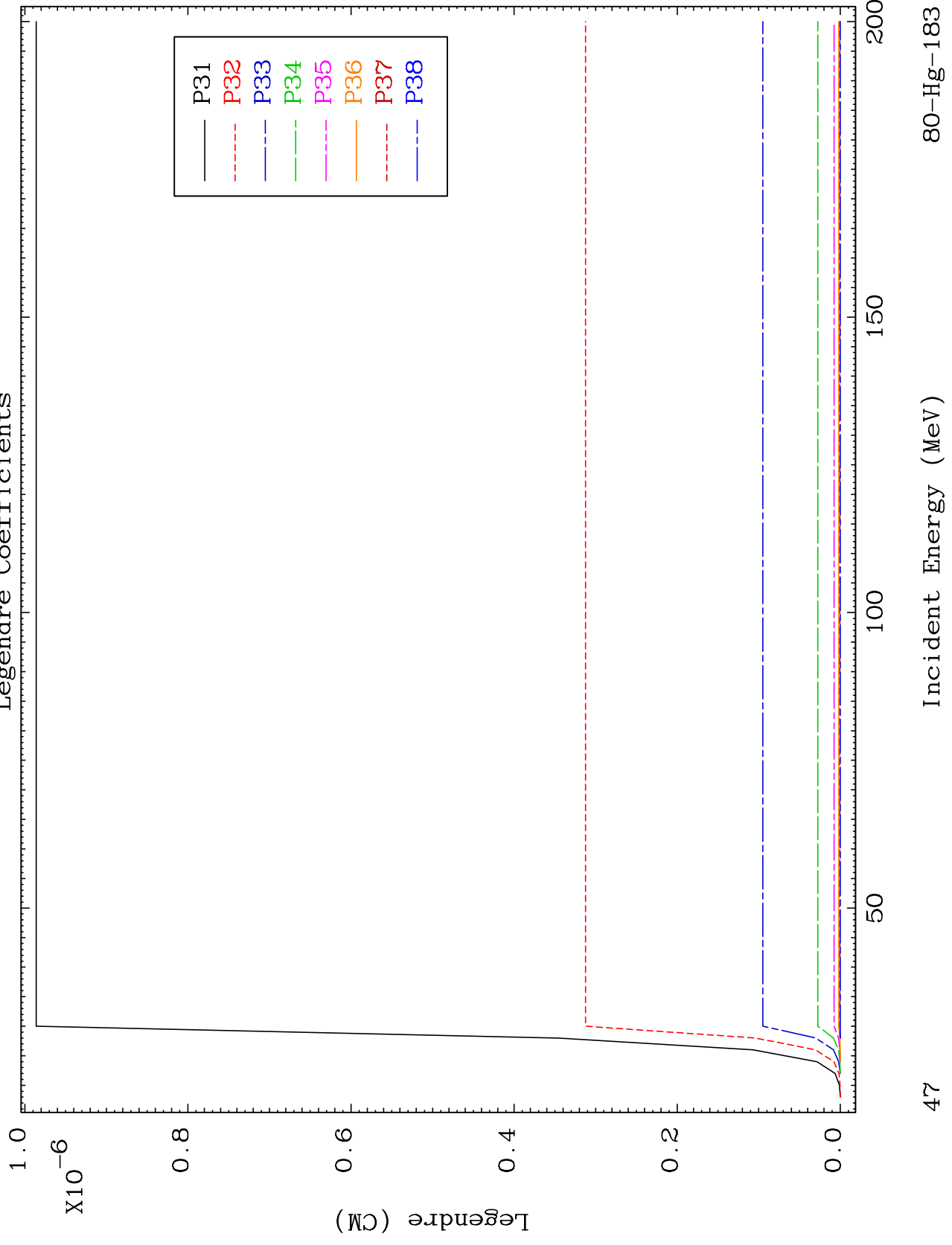
Incident Energy (MeV)

80-Hg-183

MAT 7986

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

80-Hg-183



47

Incident Energy (MeV)

80-Hg-183

MAT 7986

80-Hg-183

Fission
Radionuclide Production Cross Section

