

Program EVALPLOT
(Version 2018-1)

by

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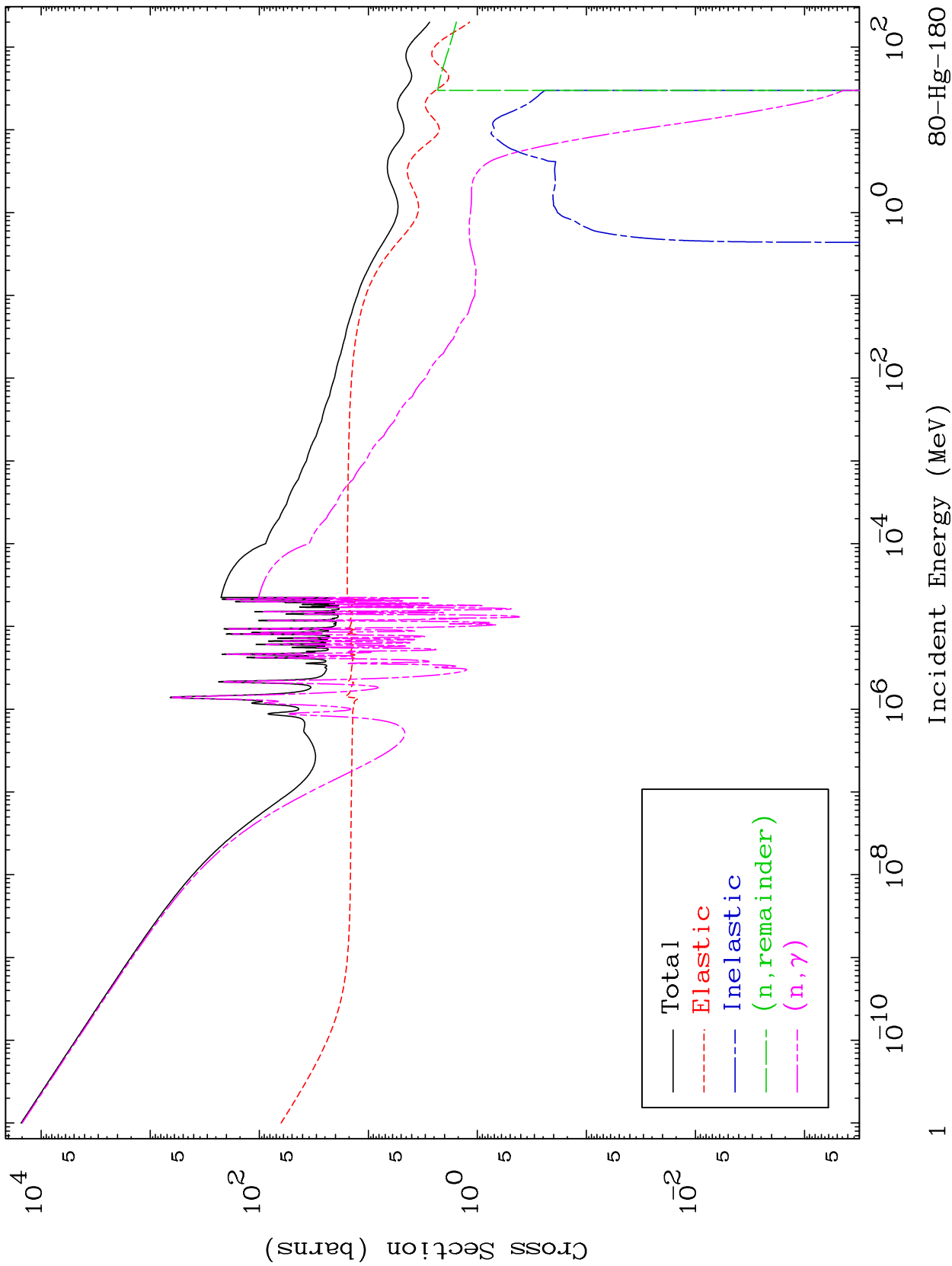
Press Mouse Button to Start

MAT 7977

Major

293 Kelvin Cross Sections

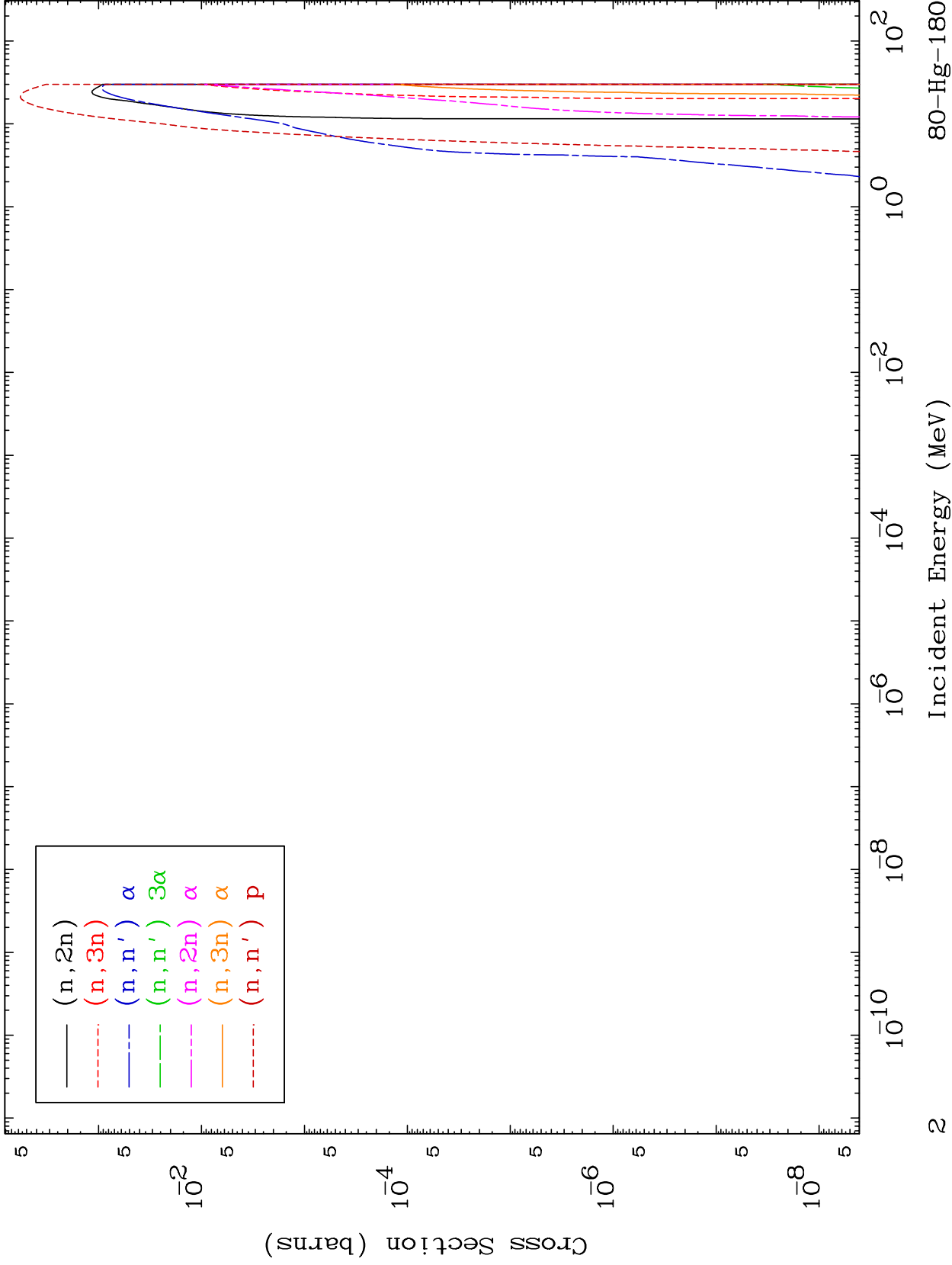
80-Hg-180



MAT 7977

Neutron Production
293 Kelvin Cross Sections

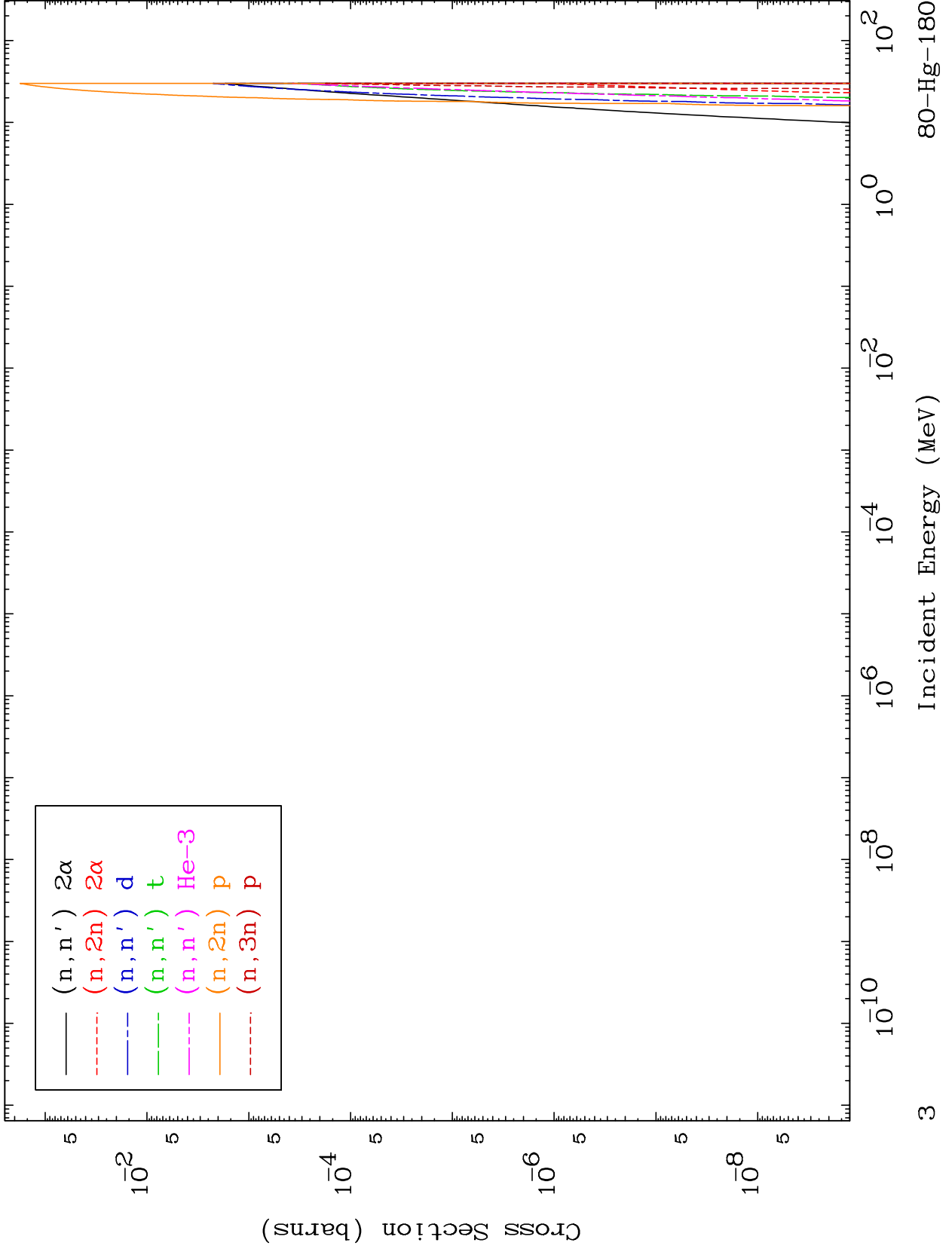
80-Hg-180



MAT 7977

Neutron Production
293 Kelvin Cross Sections

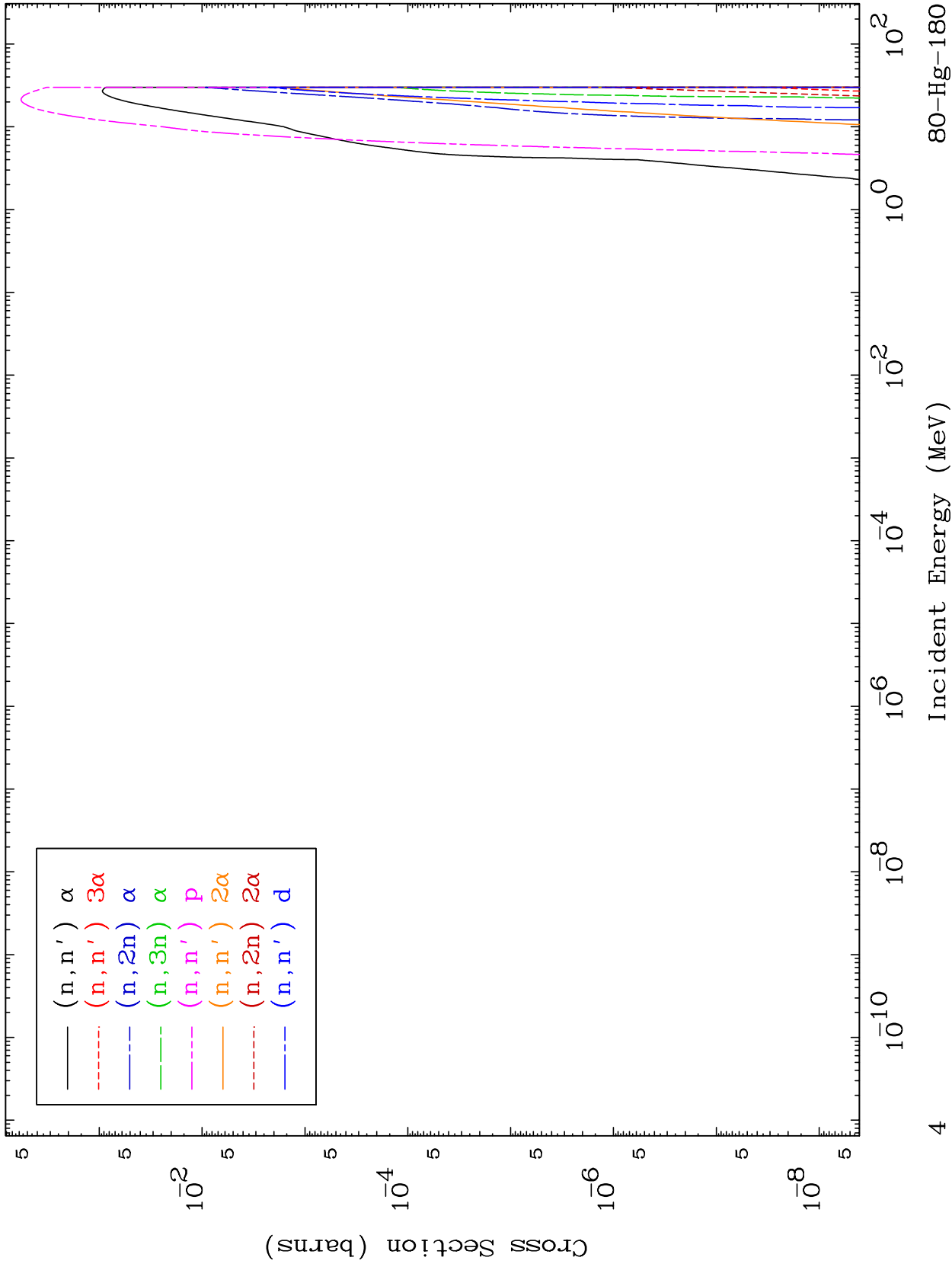
80-Hg-180



MAT 7977

Charged Particle
293 Kelvin Cross Sections

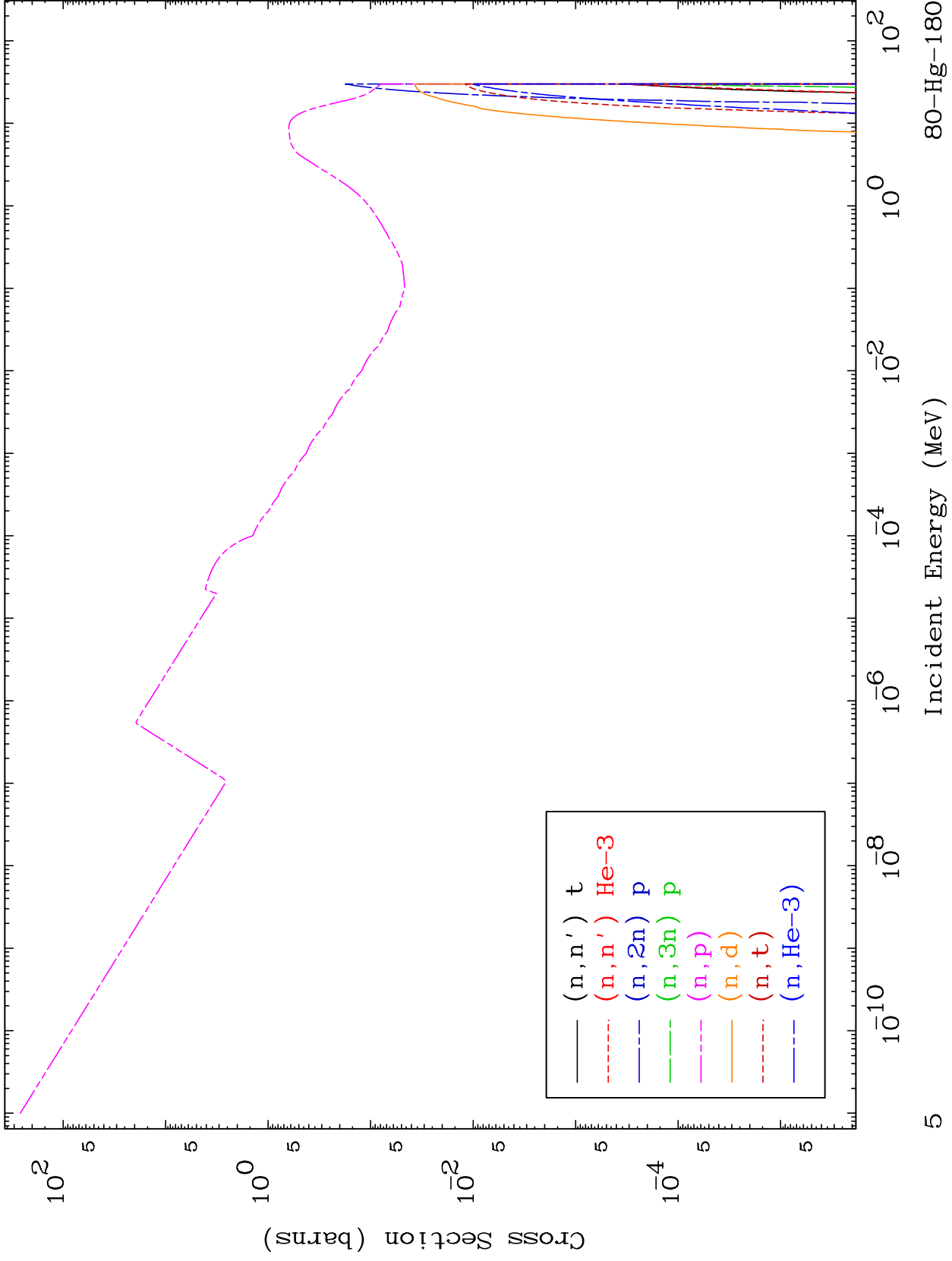
80-Hg-180



MAT 7977

Charged Particle
293 Kelvin Cross Sections

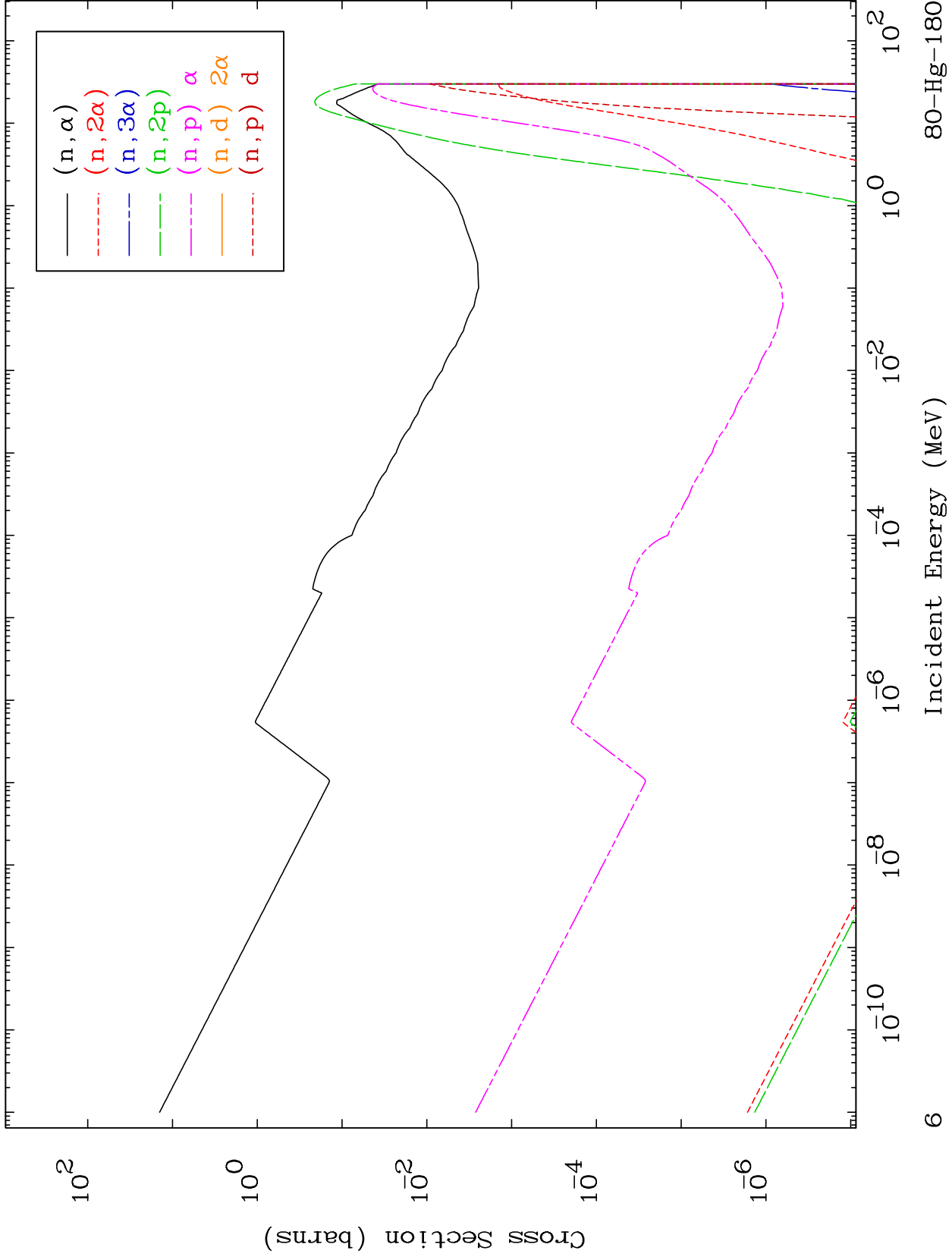
80-Hg-180



MAT 7977

Charged Particle
293 Kelvin Cross Sections

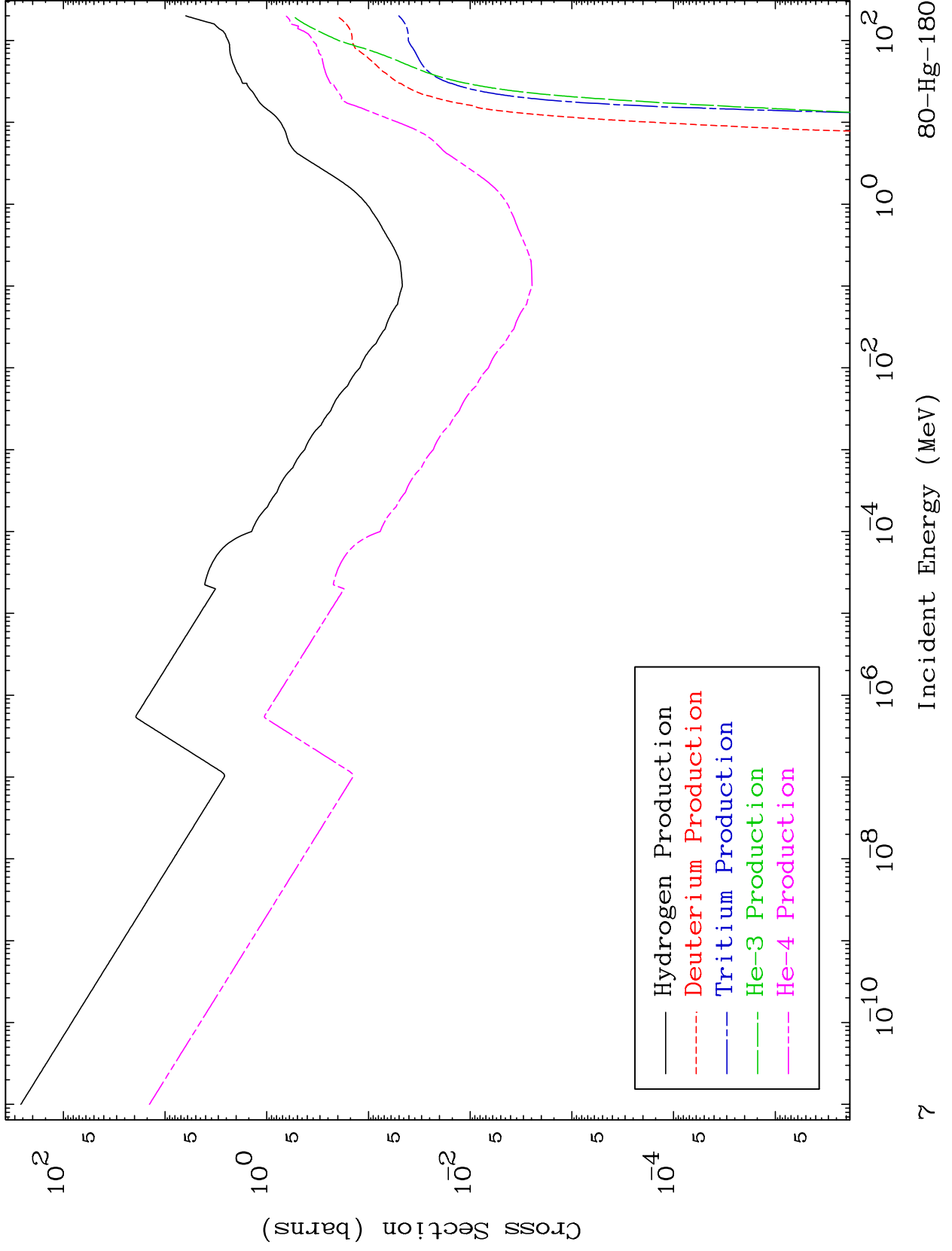
80-Hg-180

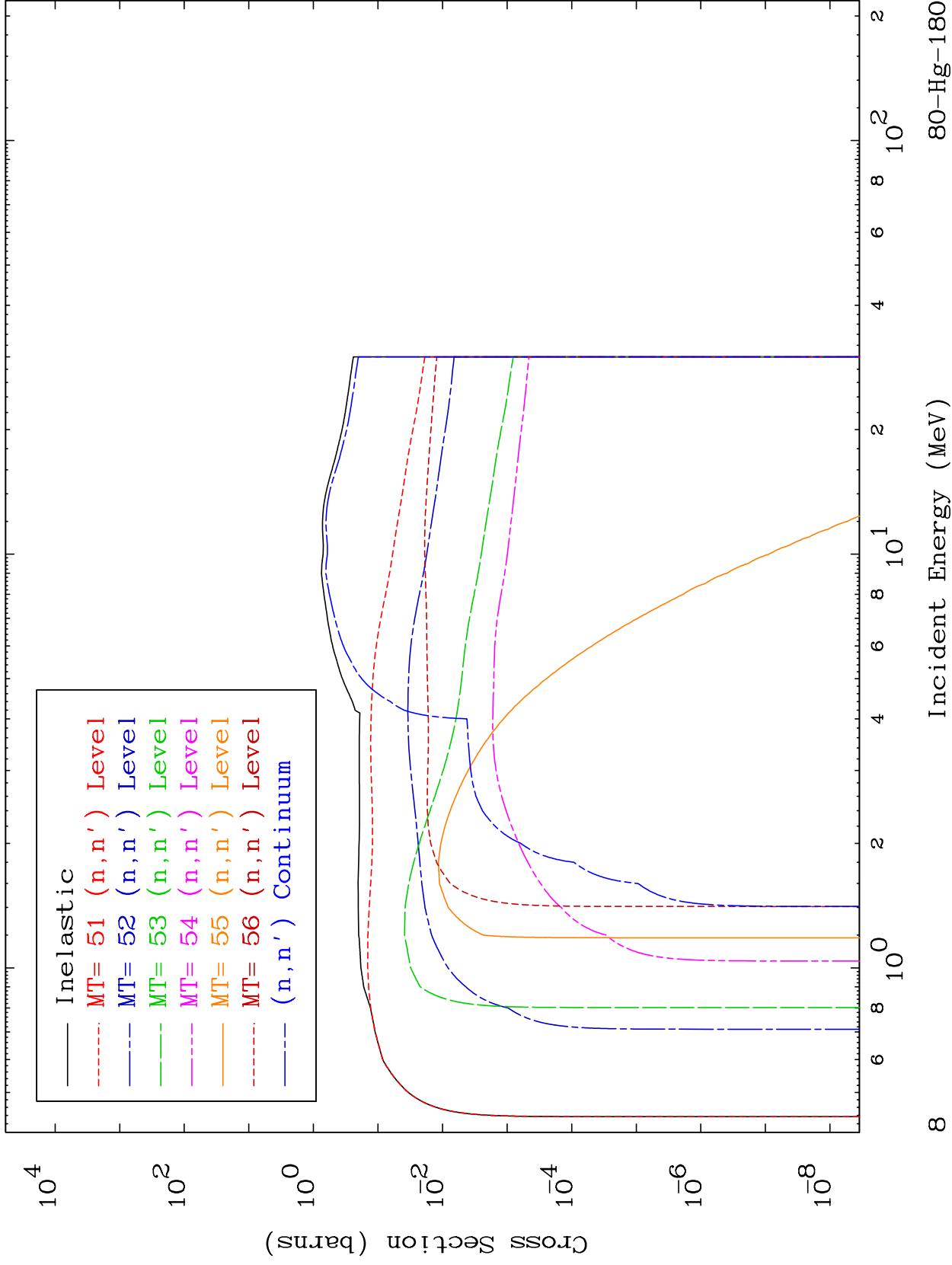


MAT 7977

Particle Production
293 Kelvin Cross Sections

80-Hg-180

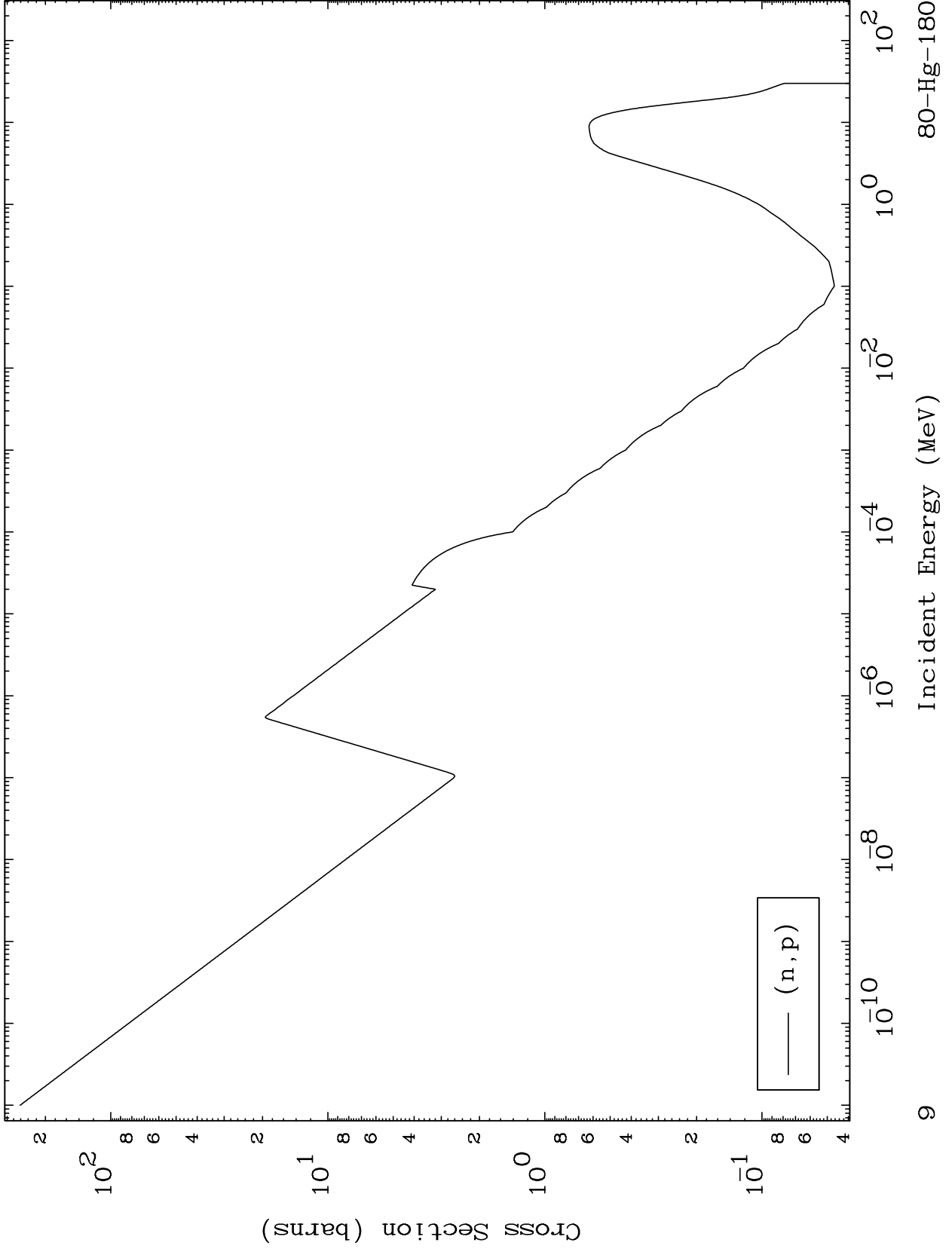




MAT 7977

(n,p) Levels
293 Kelvin Cross Sections

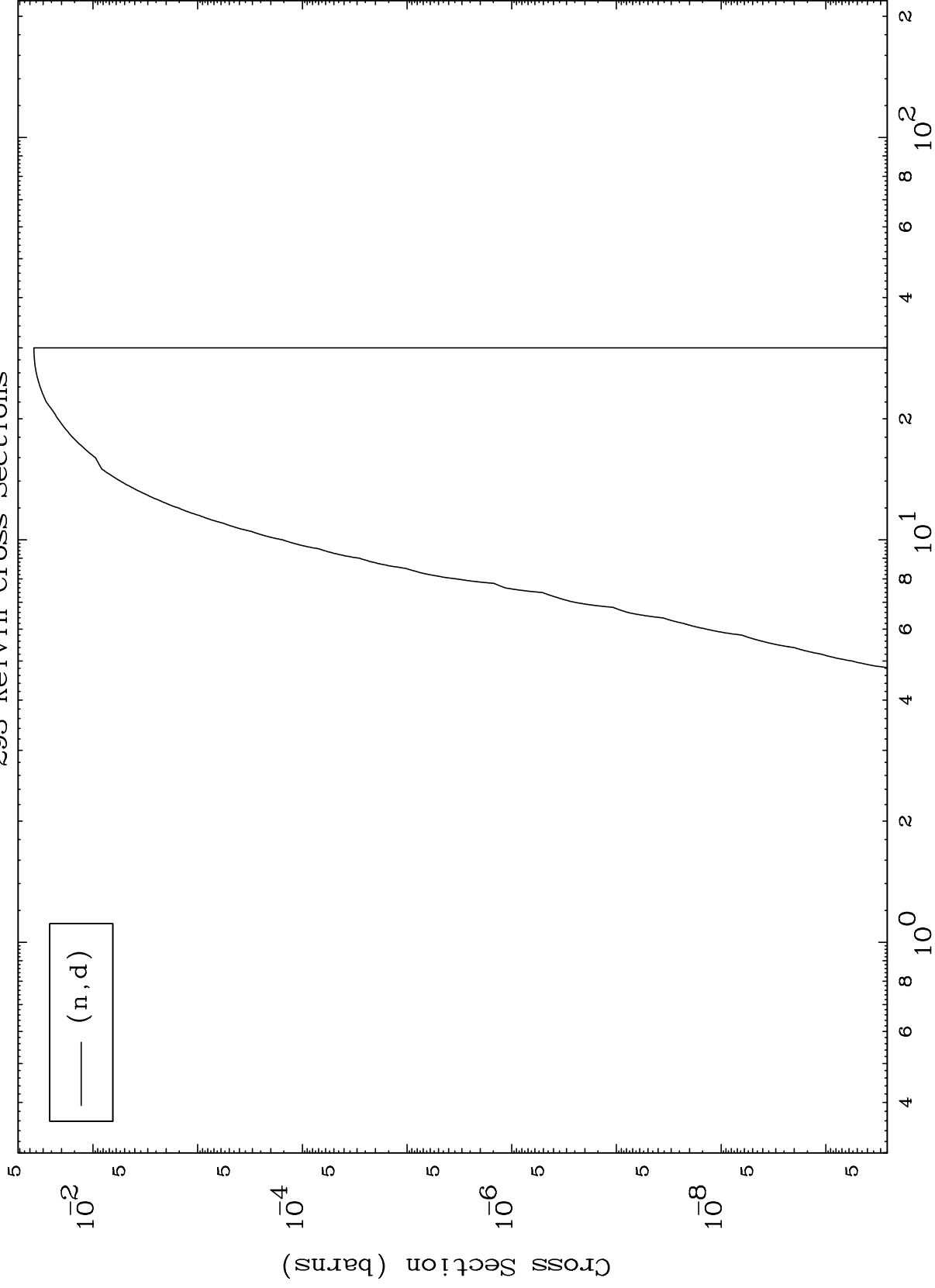
80-Hg-180



MAT 7977

(n,d) Levels
293 Kelvin Cross Sections

80-Hg-180



10

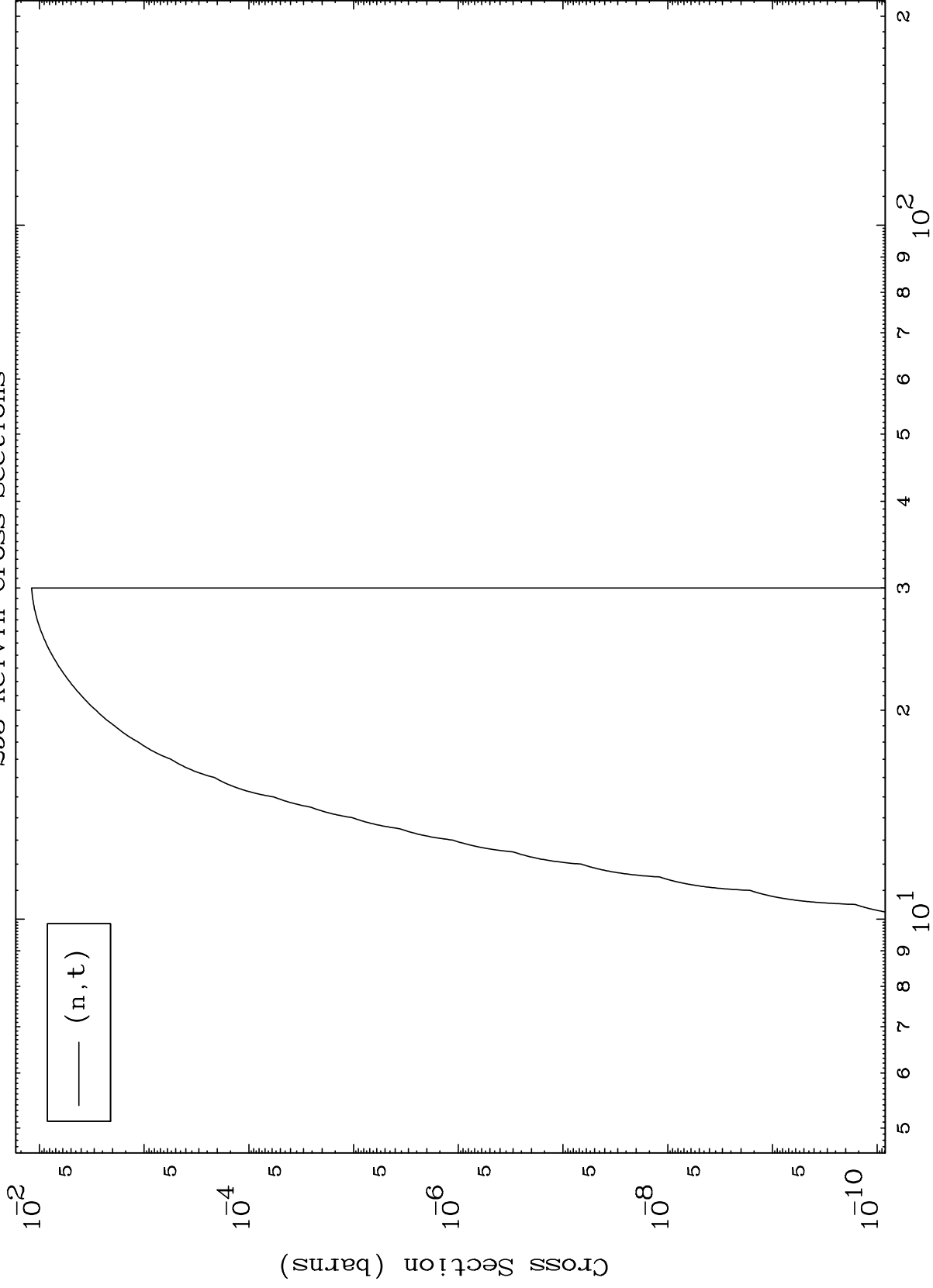
Incident Energy (MeV)

80-Hg-180

MAT 7977

(n,t) Levels
293 Kelvin Cross Sections

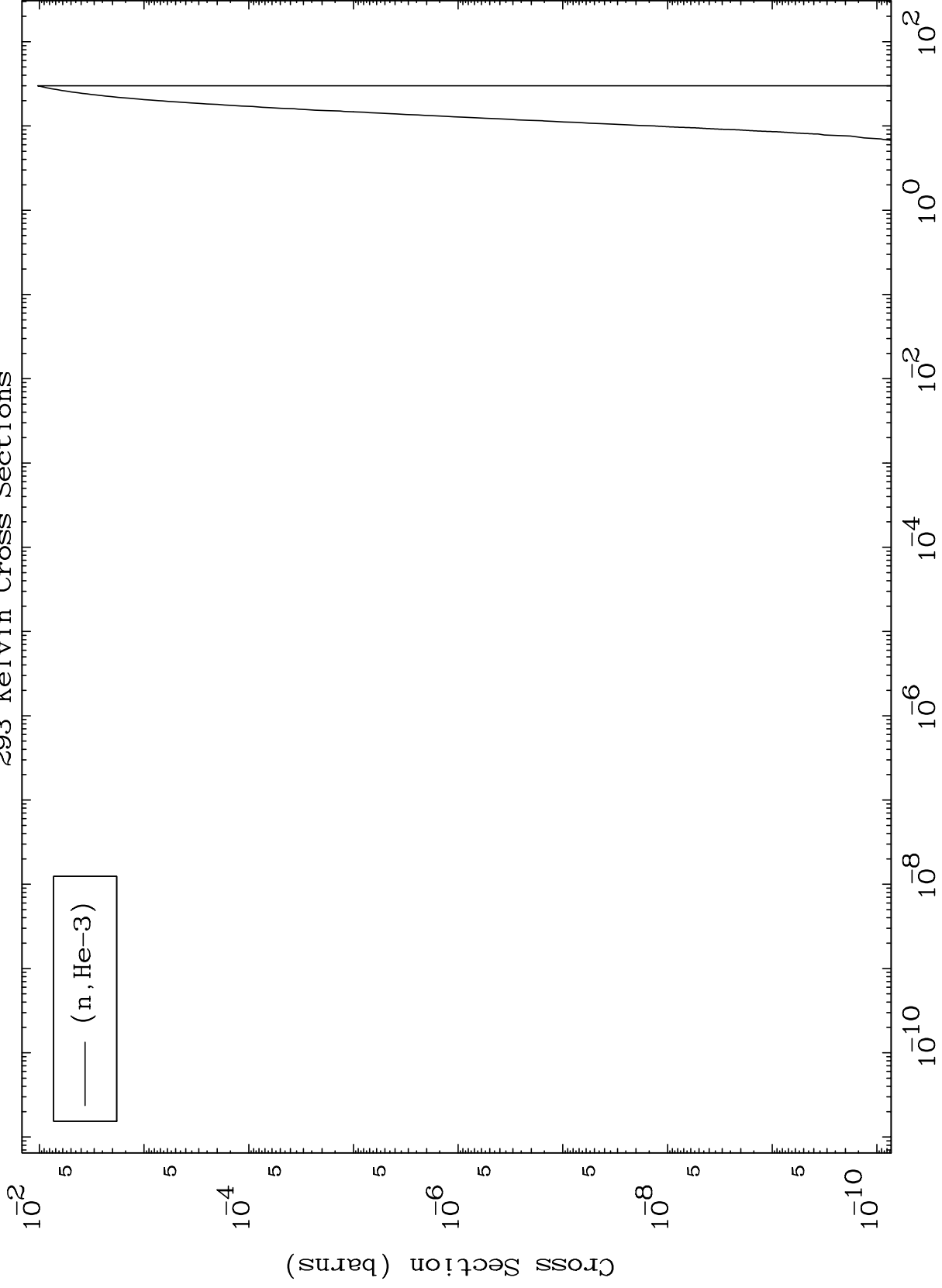
80-Hg-180



MAT 7977

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-180



12

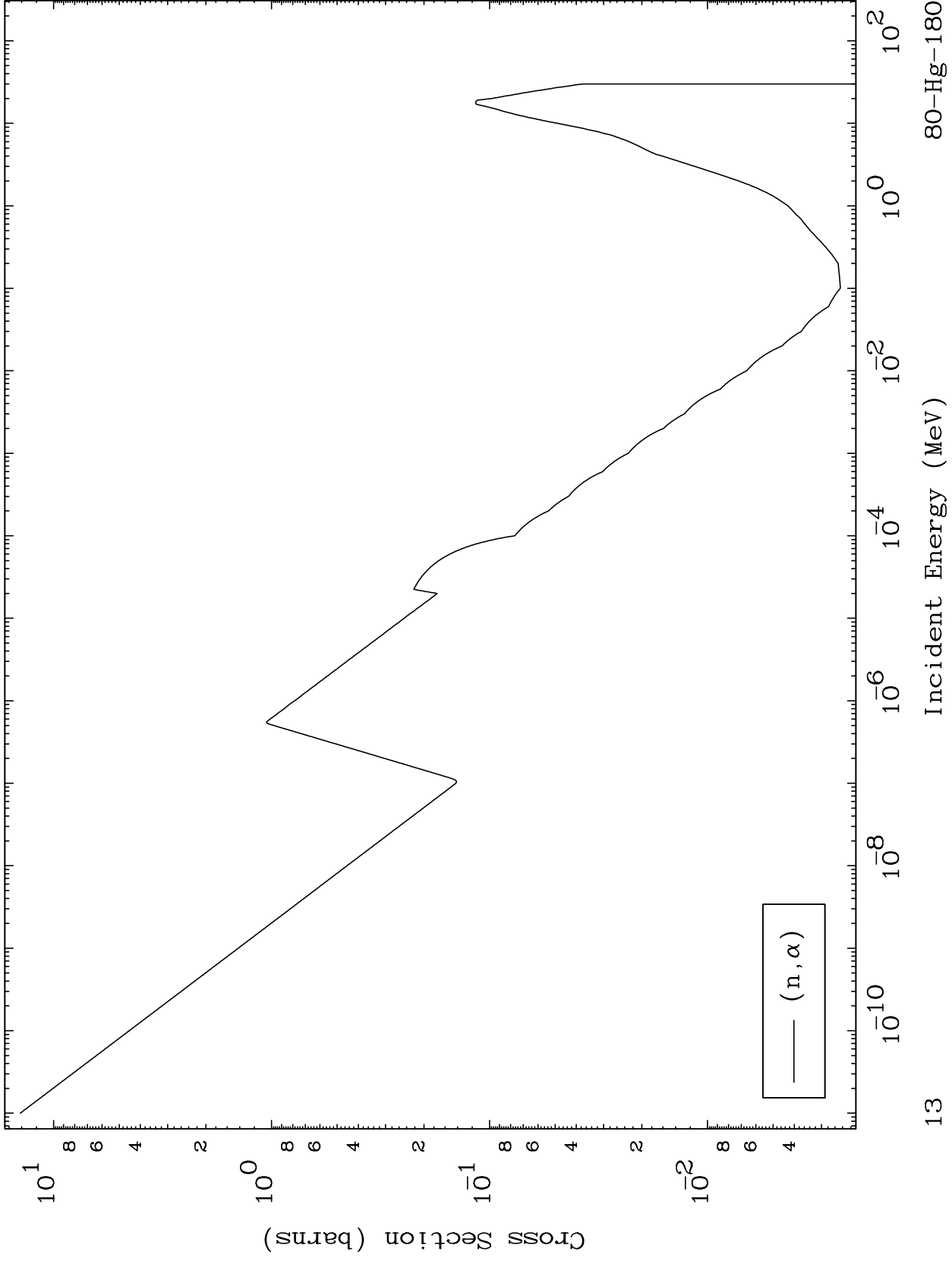
Incident Energy (MeV)

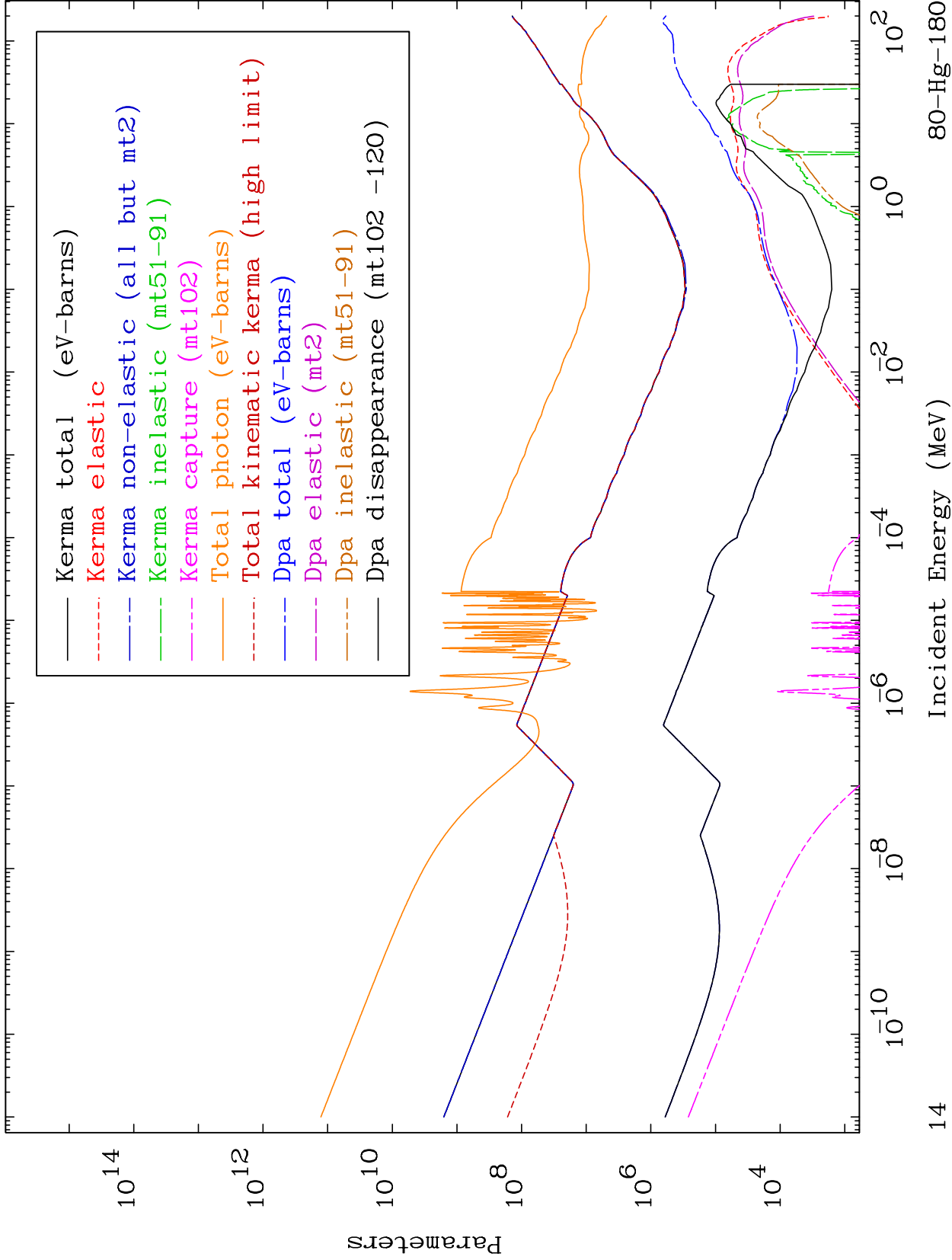
80-Hg-180

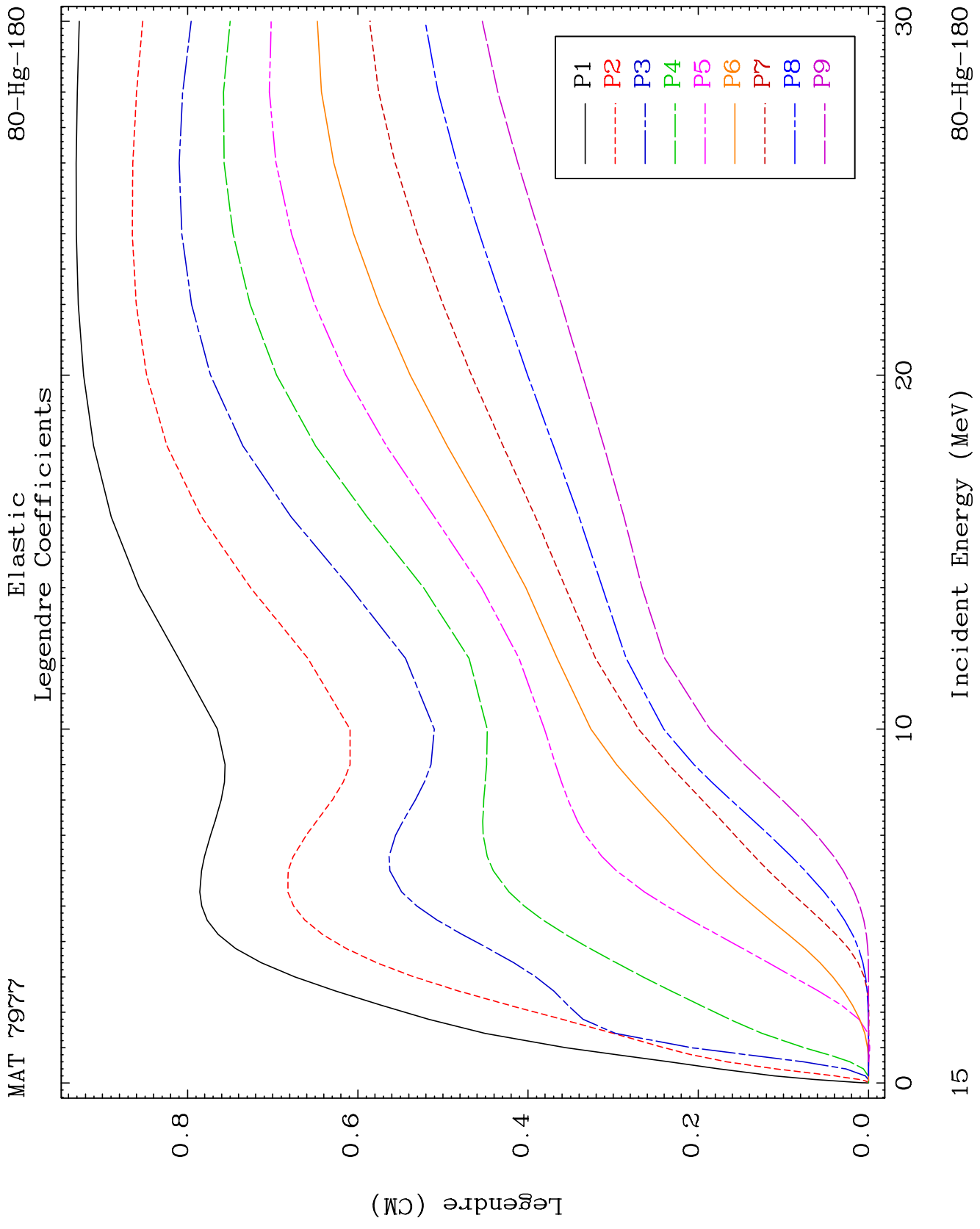
MAT 7977

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-180



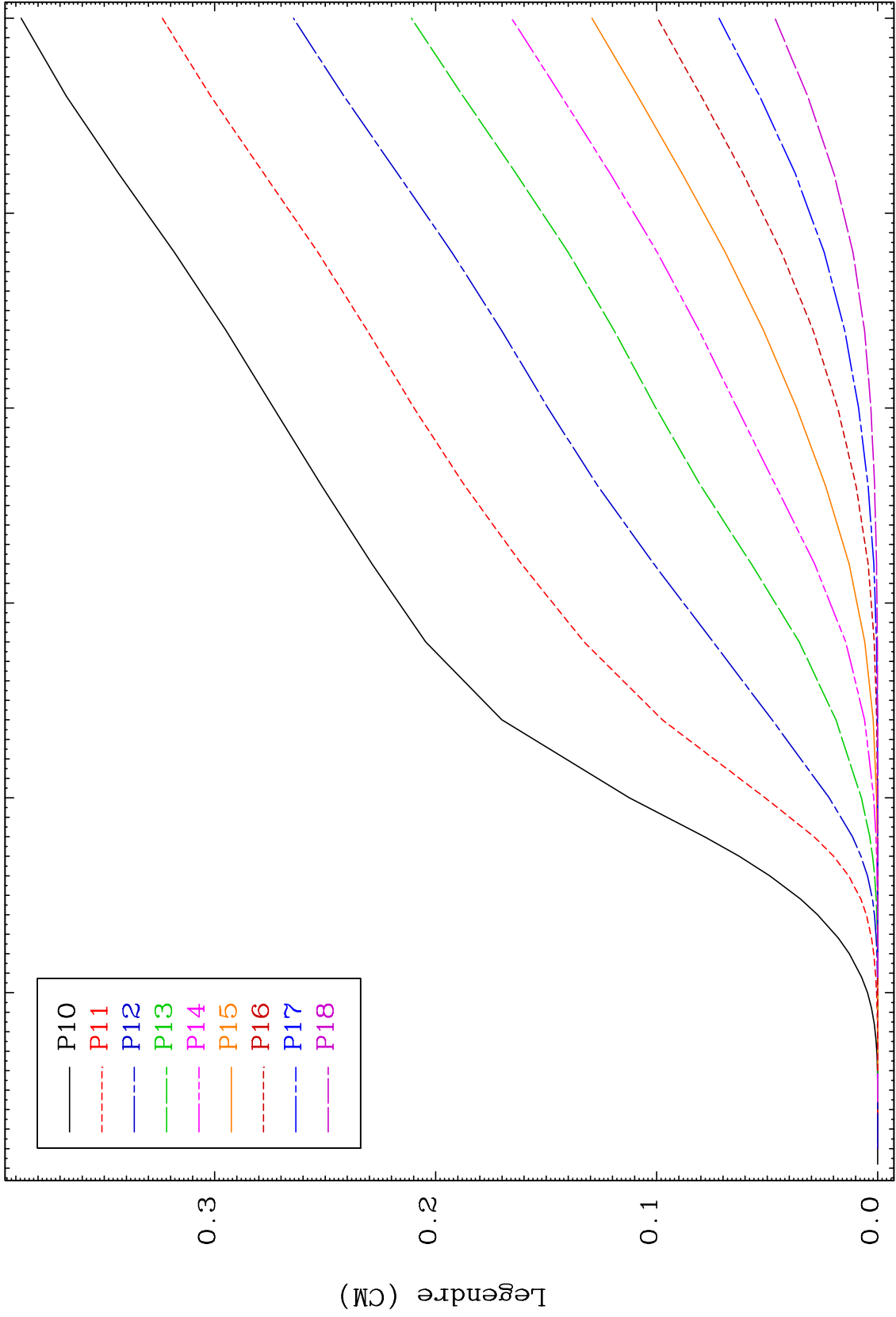




MAT 7977

Elastic Legendre Coefficients

80-Hg-180



16

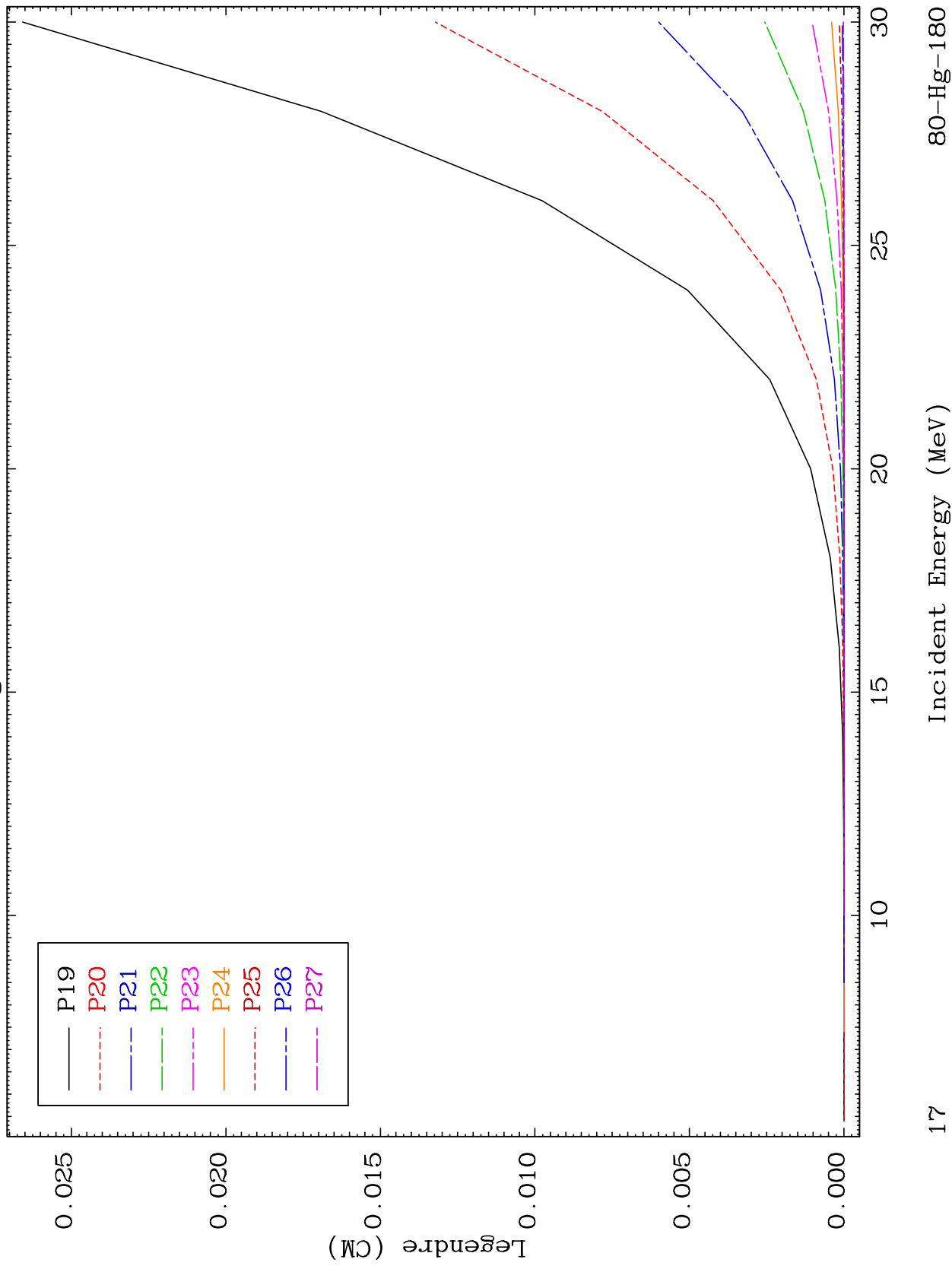
Incident Energy (MeV)

80-Hg-180

MAT 7977

Elastic
Legendre Coefficients

80-Hg-180



17

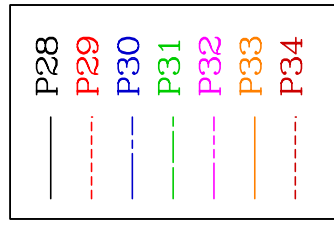
80-Hg-180

Incident Energy (MeV)

MAT 7977

Elastic Legendre Coefficients

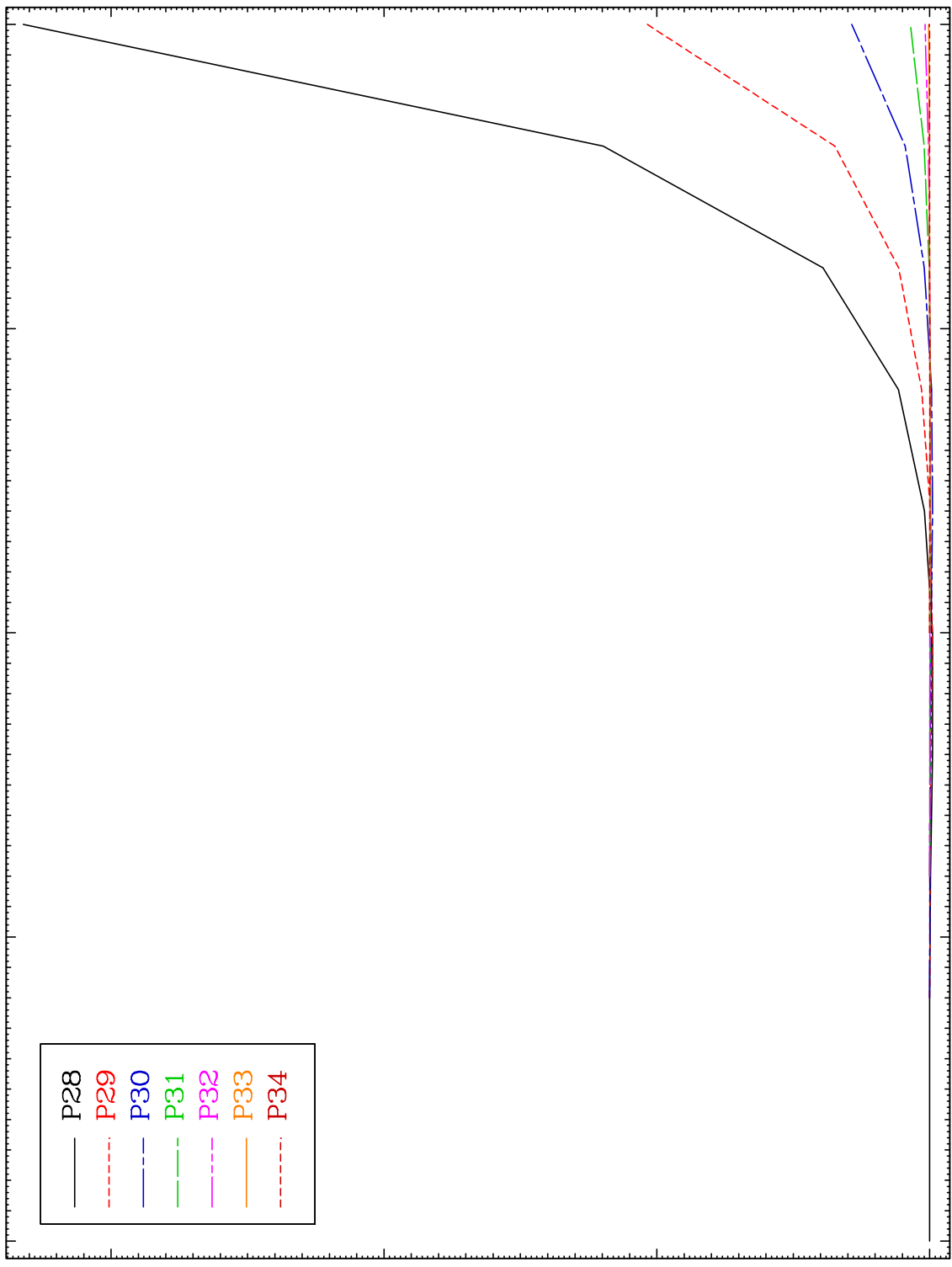
80-Hg-180



$\times 10^{-6}$
6
4
2
0

Legendre (CM)

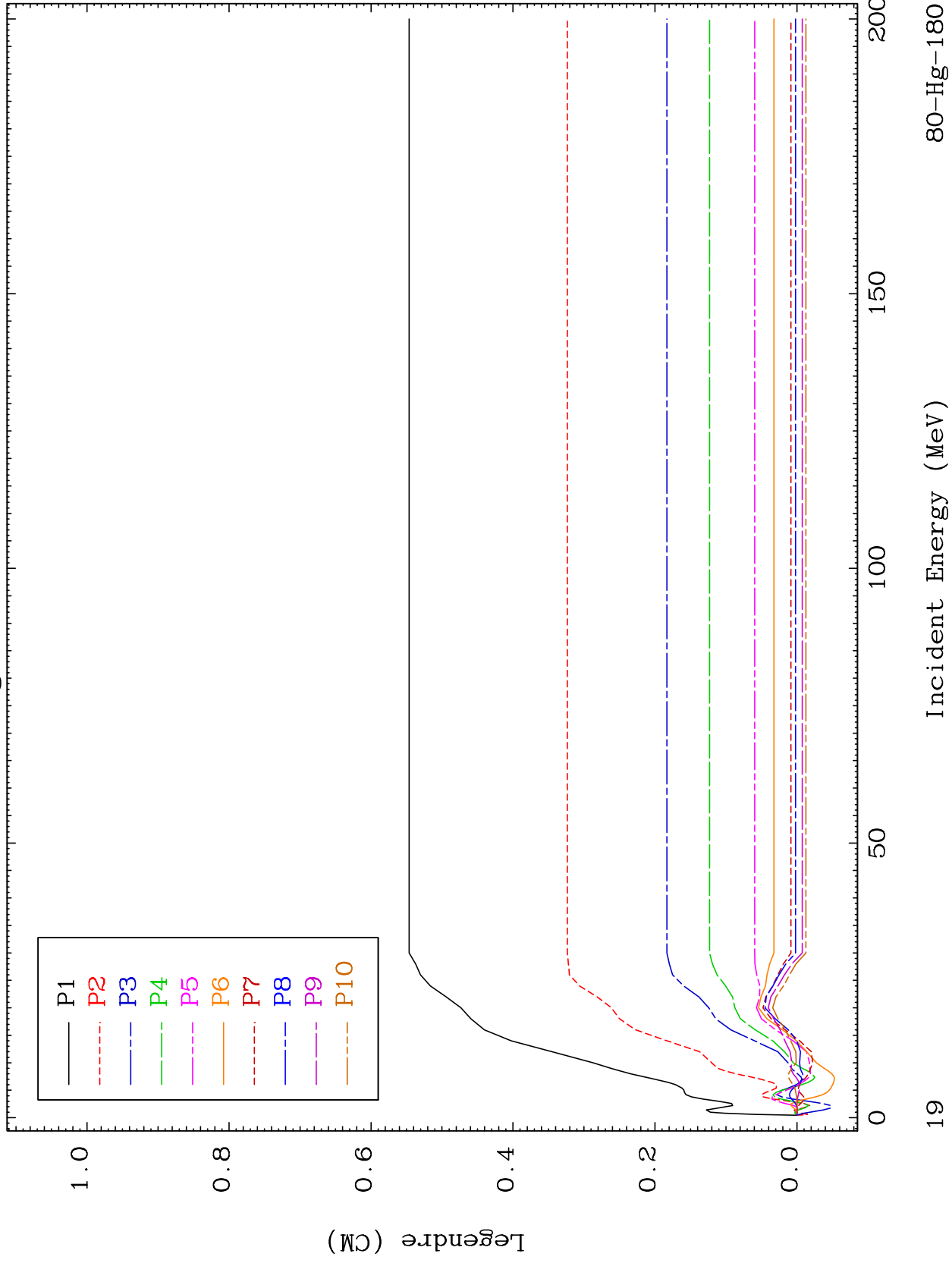
10 15 20 25 30
18 Incident Energy (MeV) 80-Hg-180



MAT 7977

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

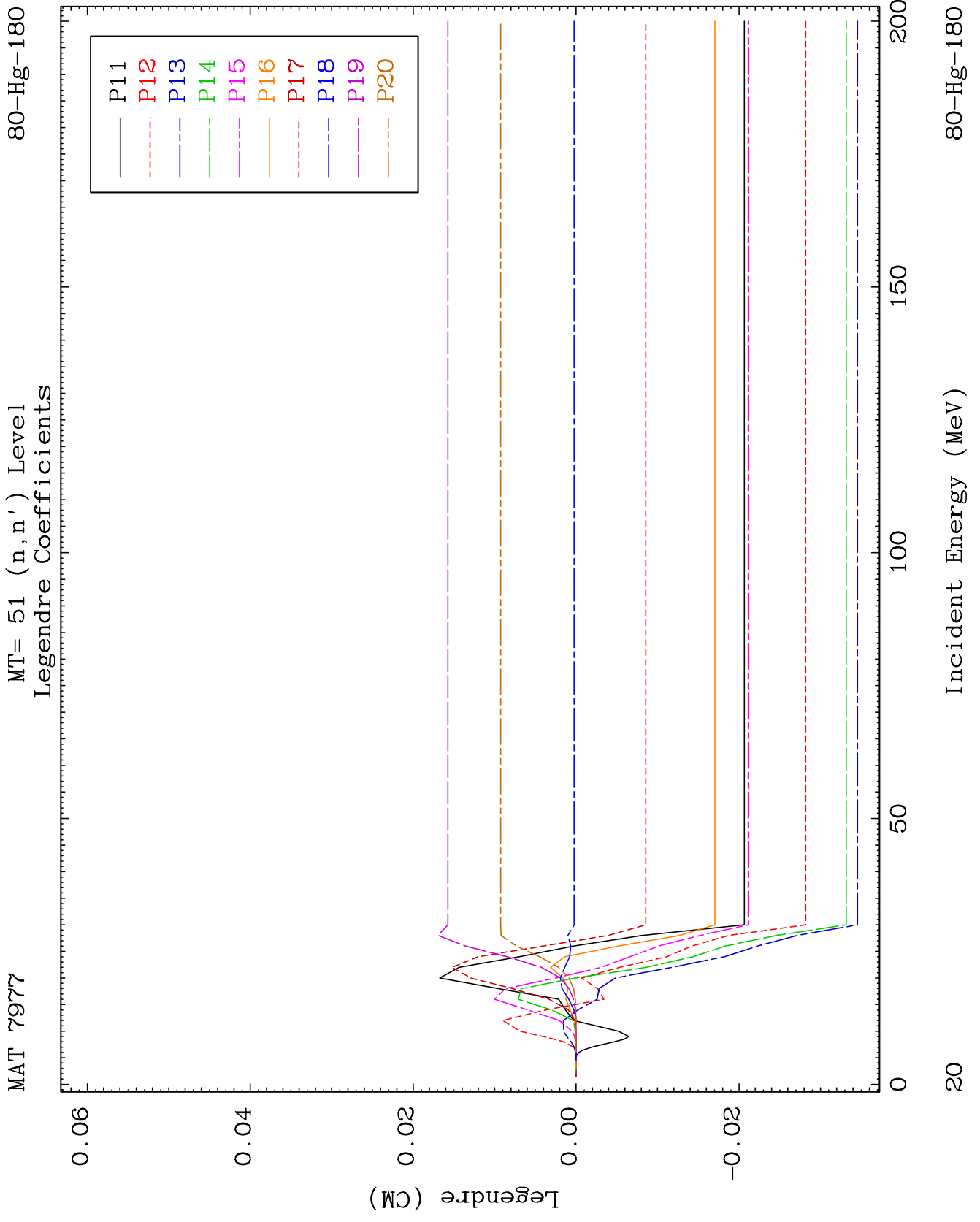
80-Hg-180



19

Incident Energy (MeV)

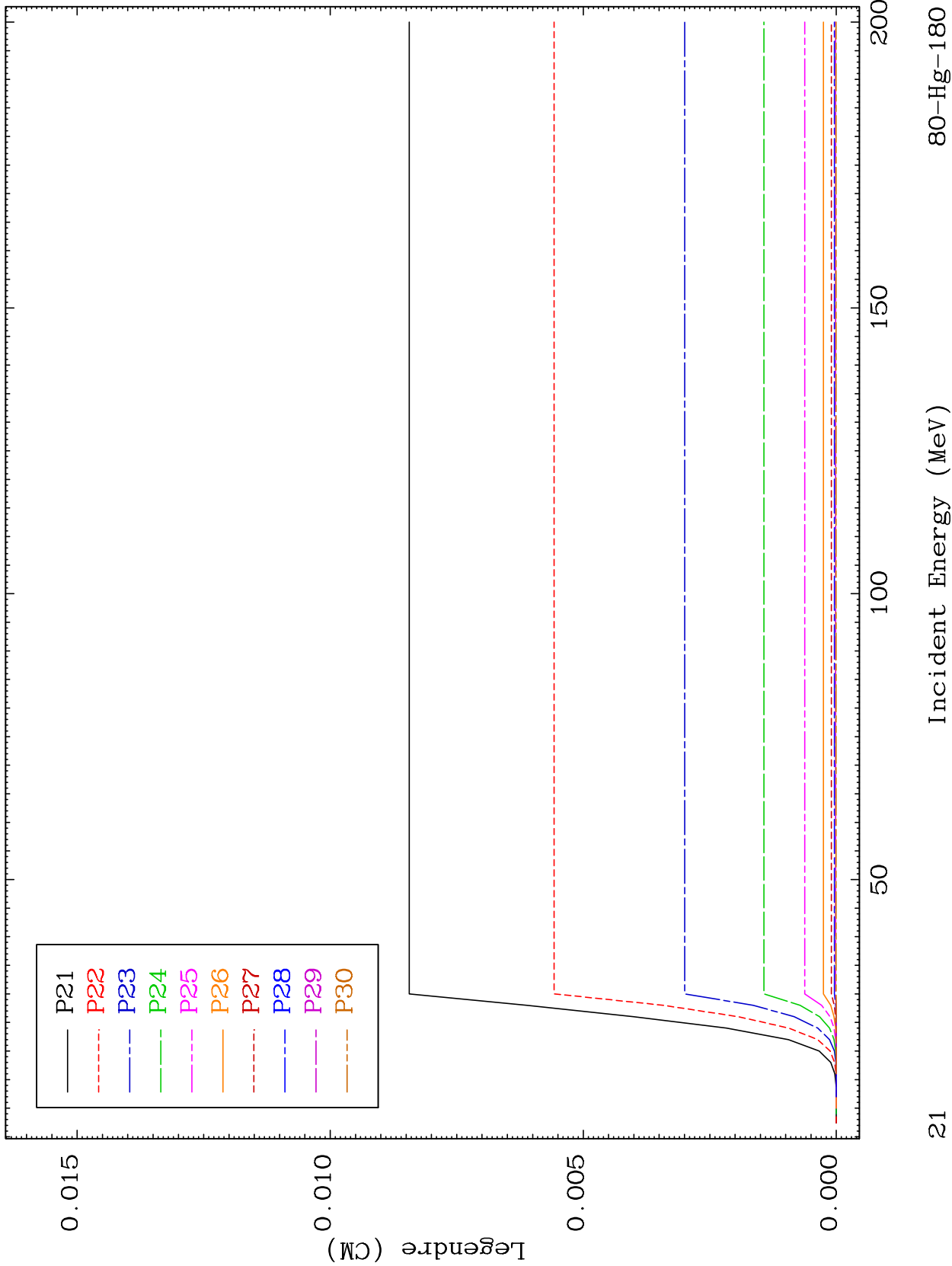
80-Hg-180

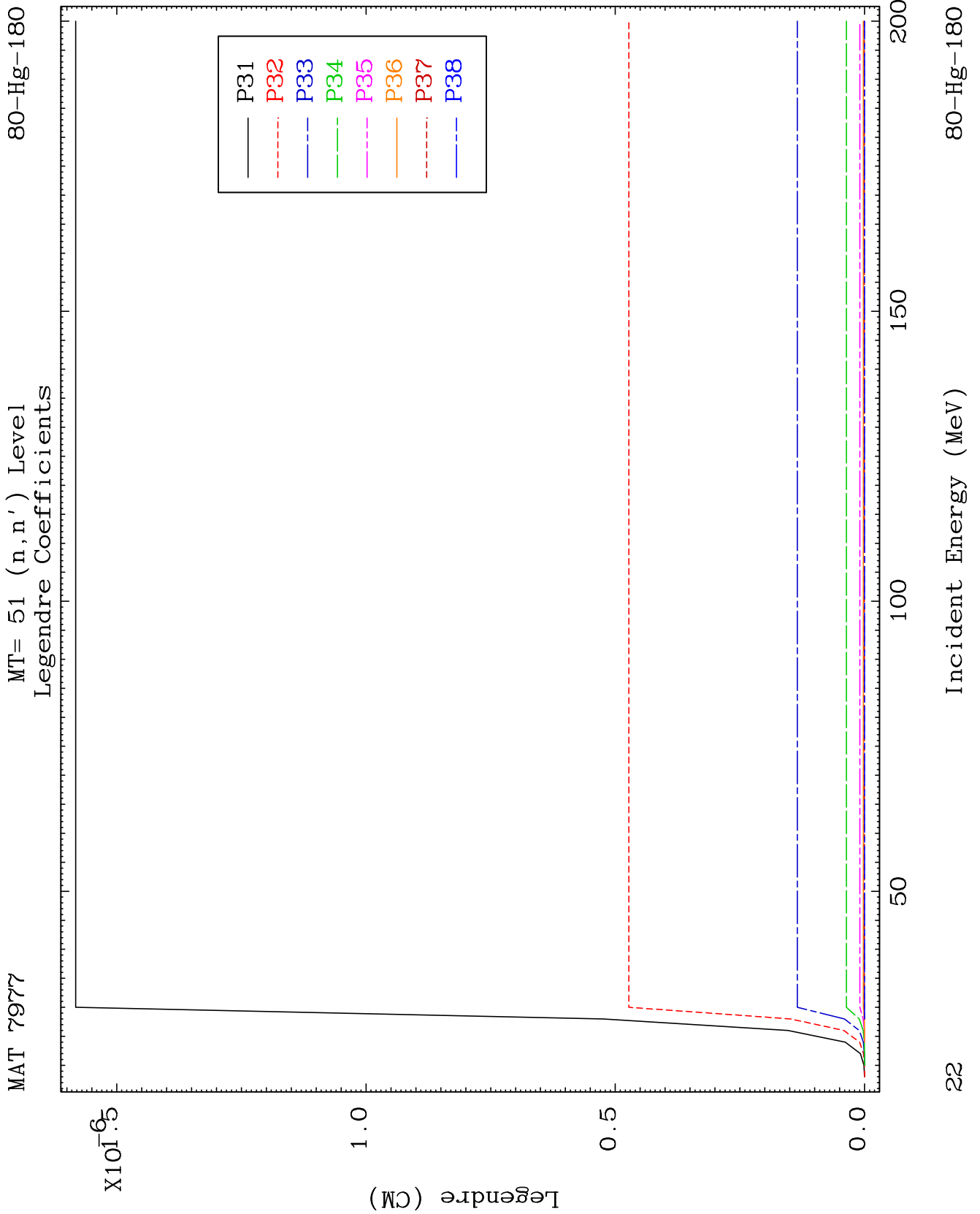


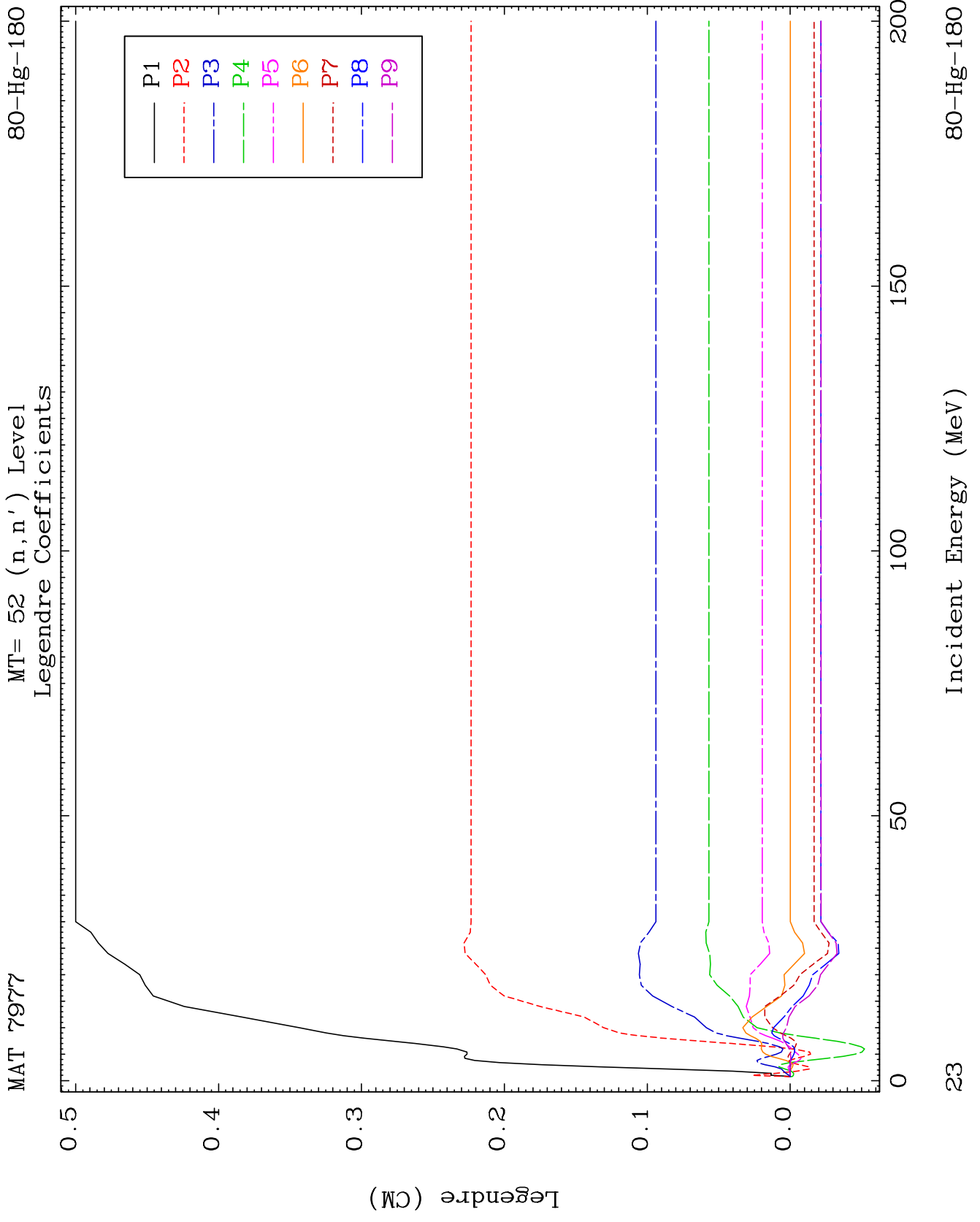
MAT 7977

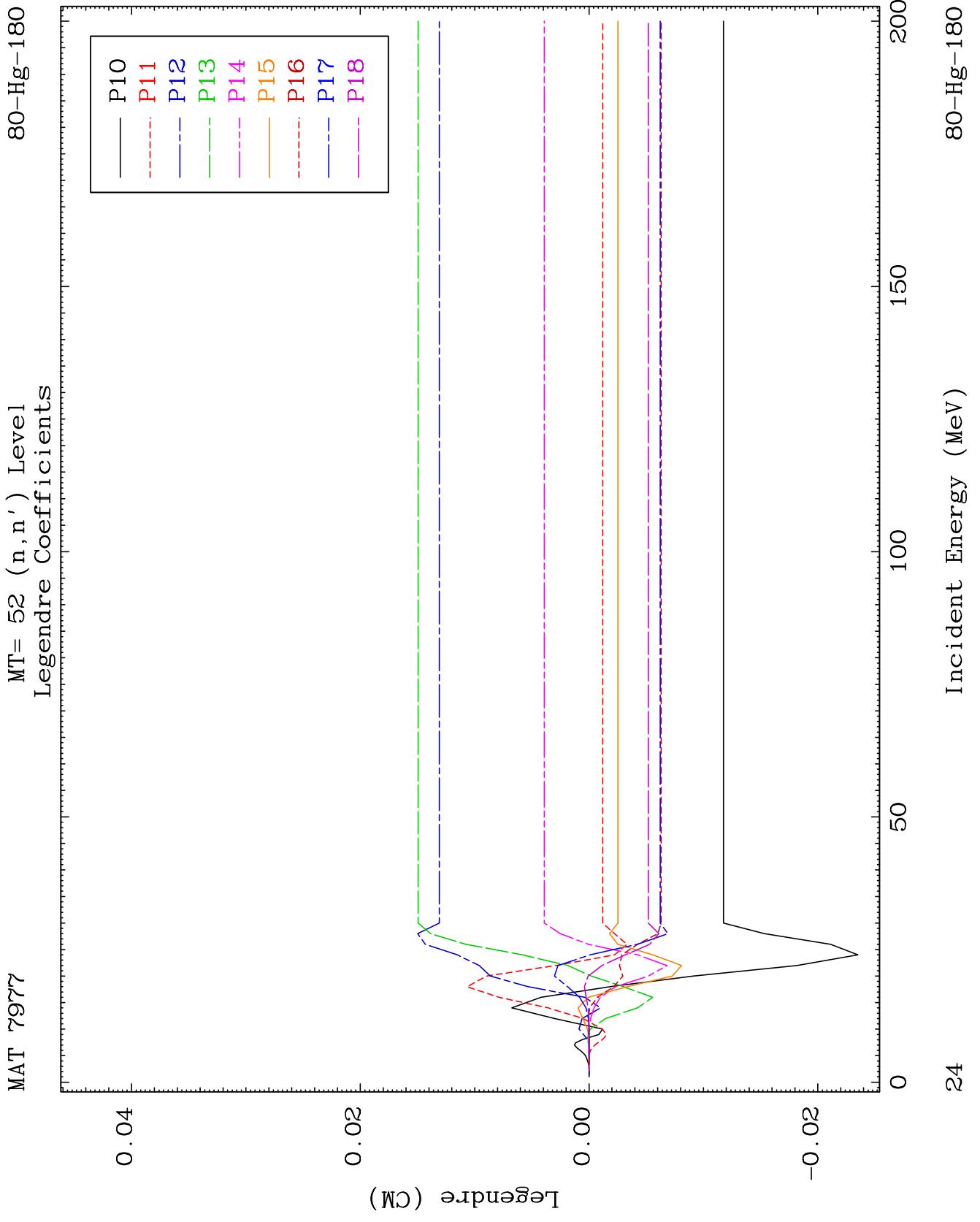
MT= 51 (n,n') Level
Legendre Coefficients

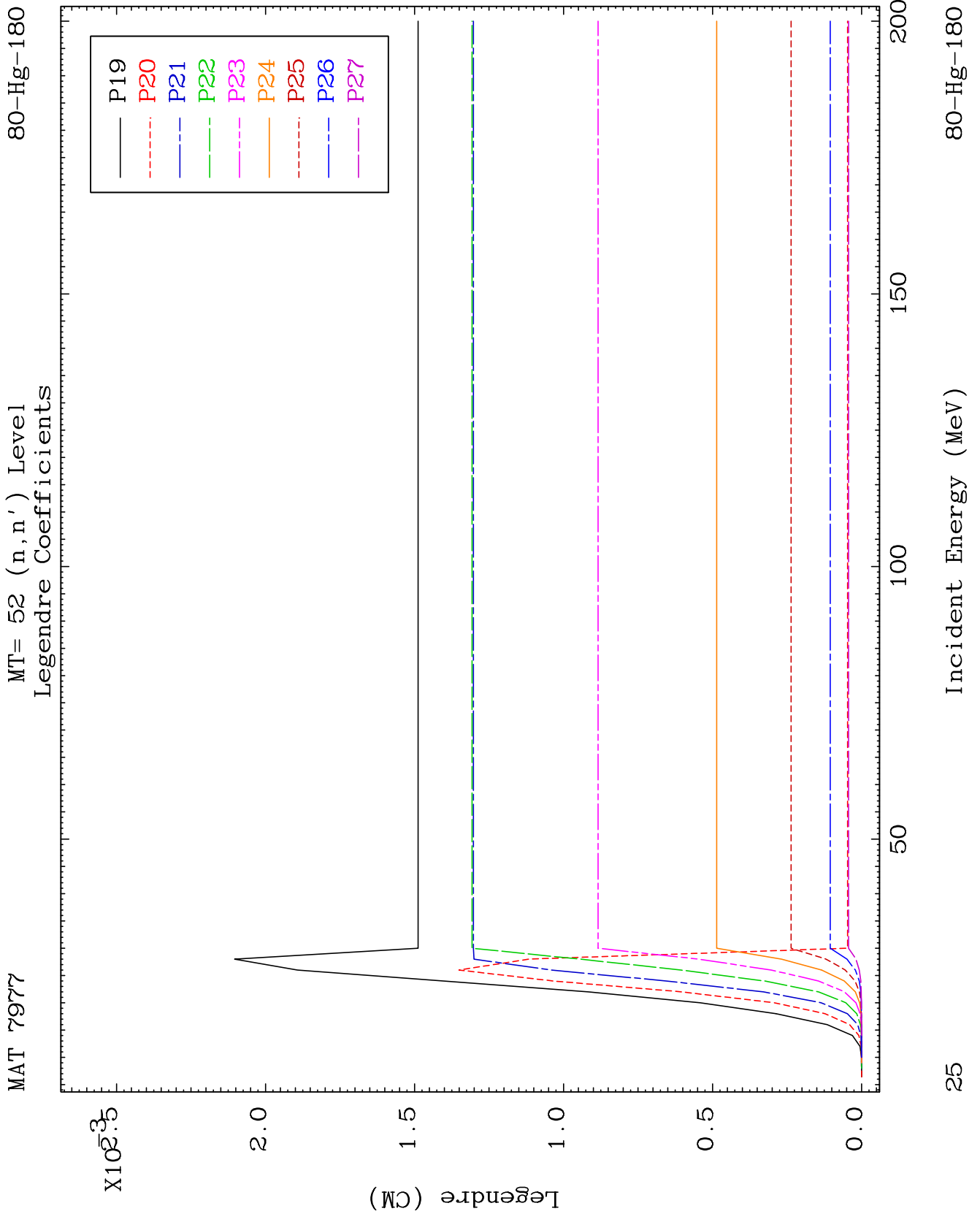
80-Hg-180

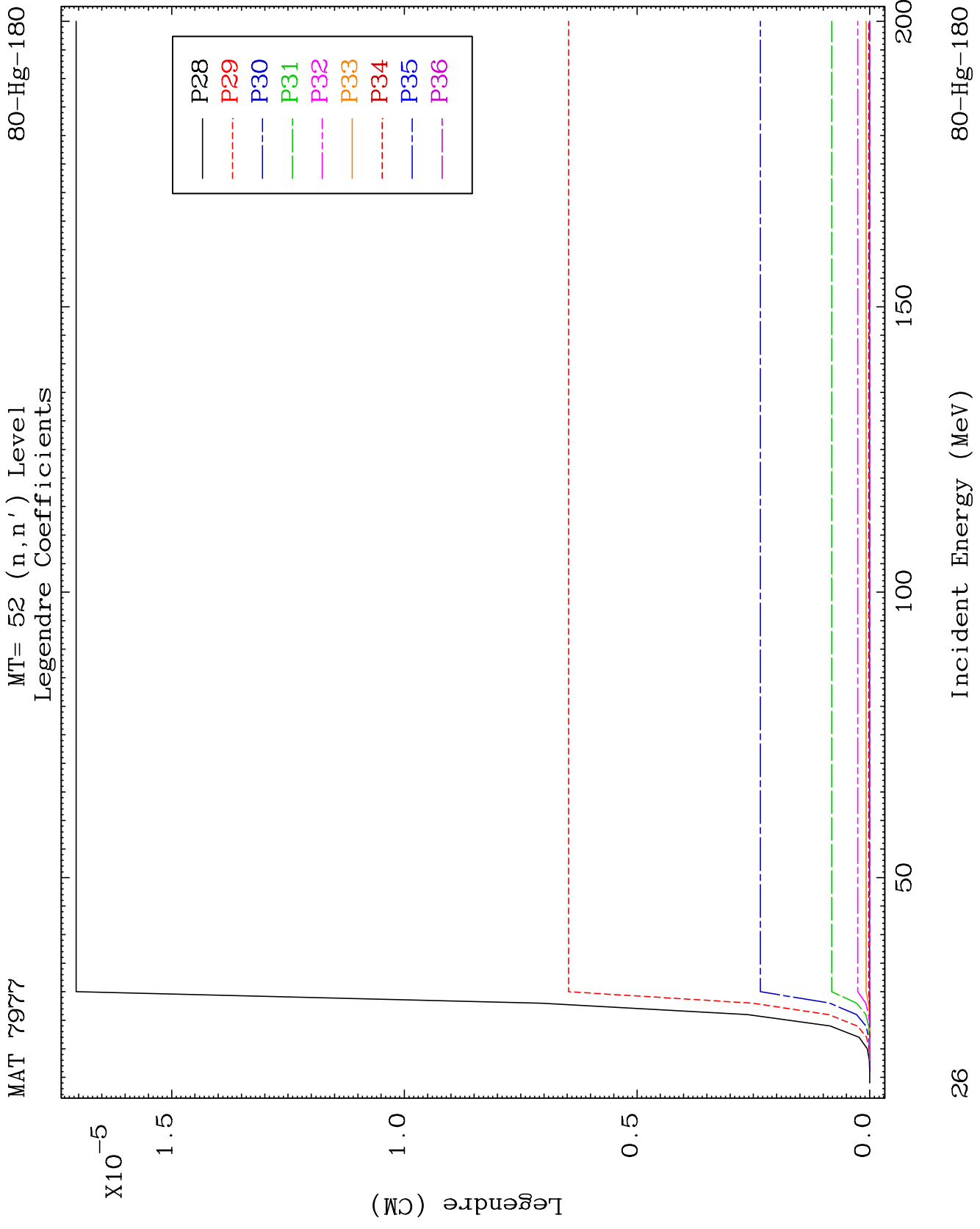








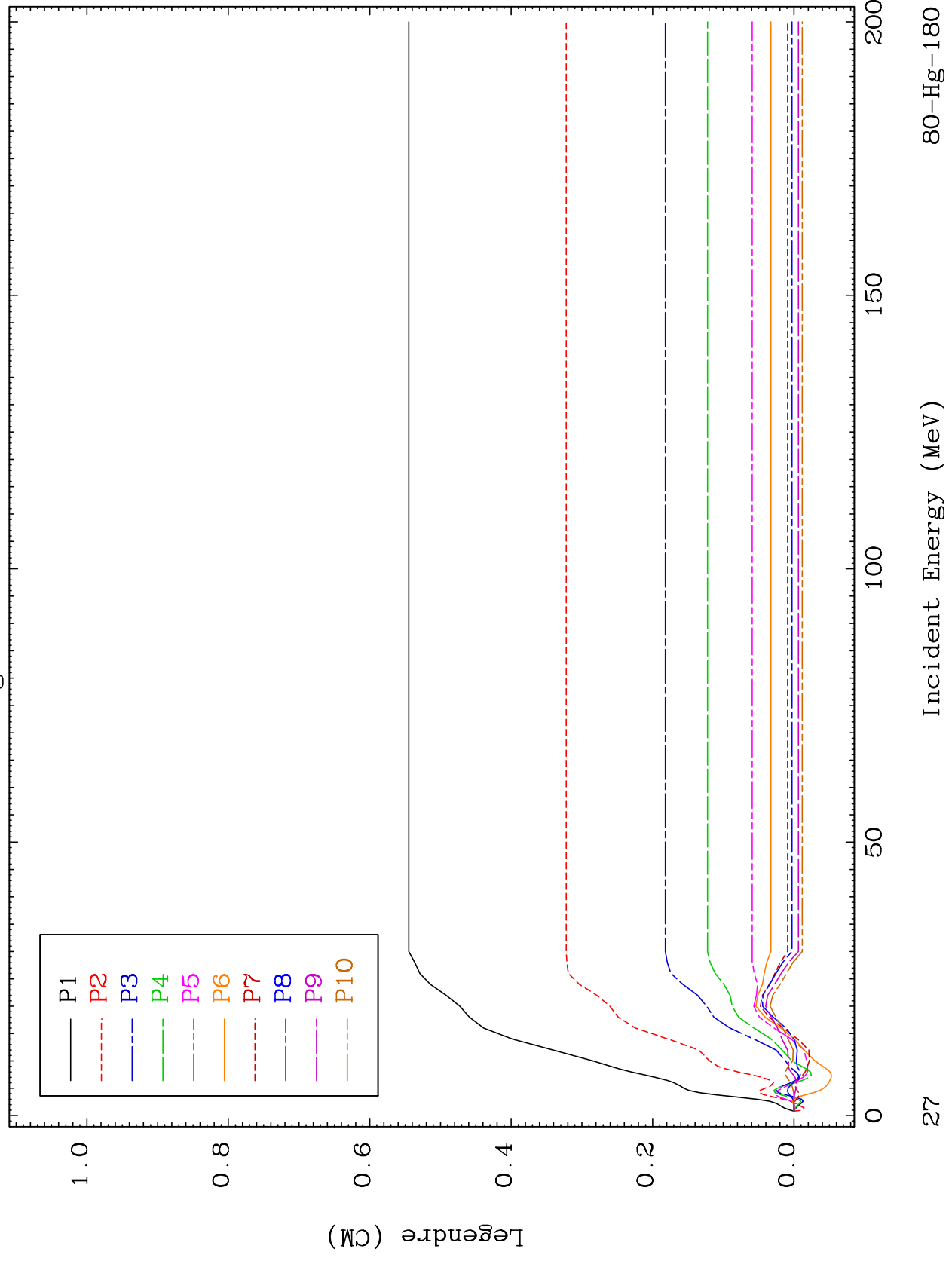


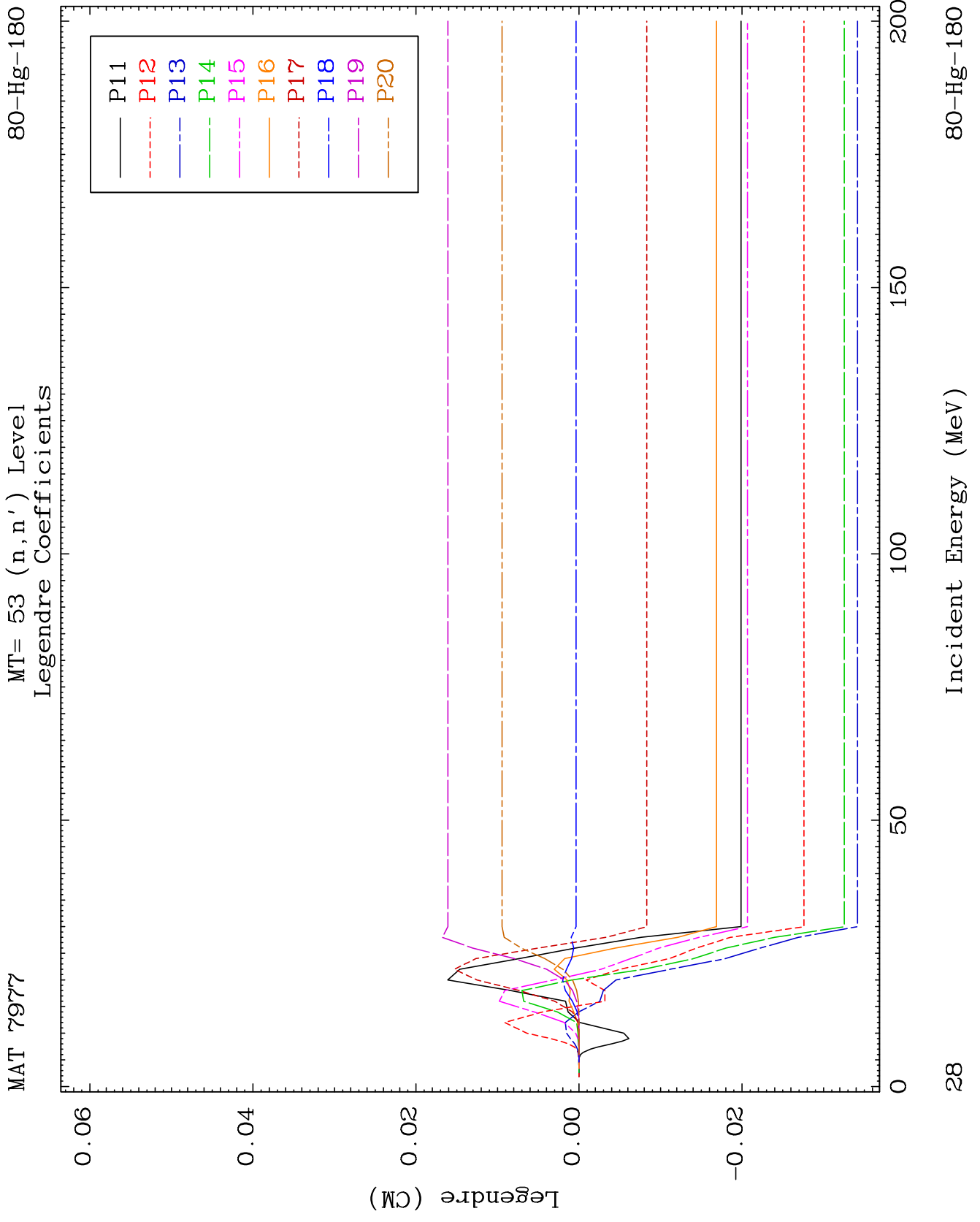


MAT 7977

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

80-Hg-180

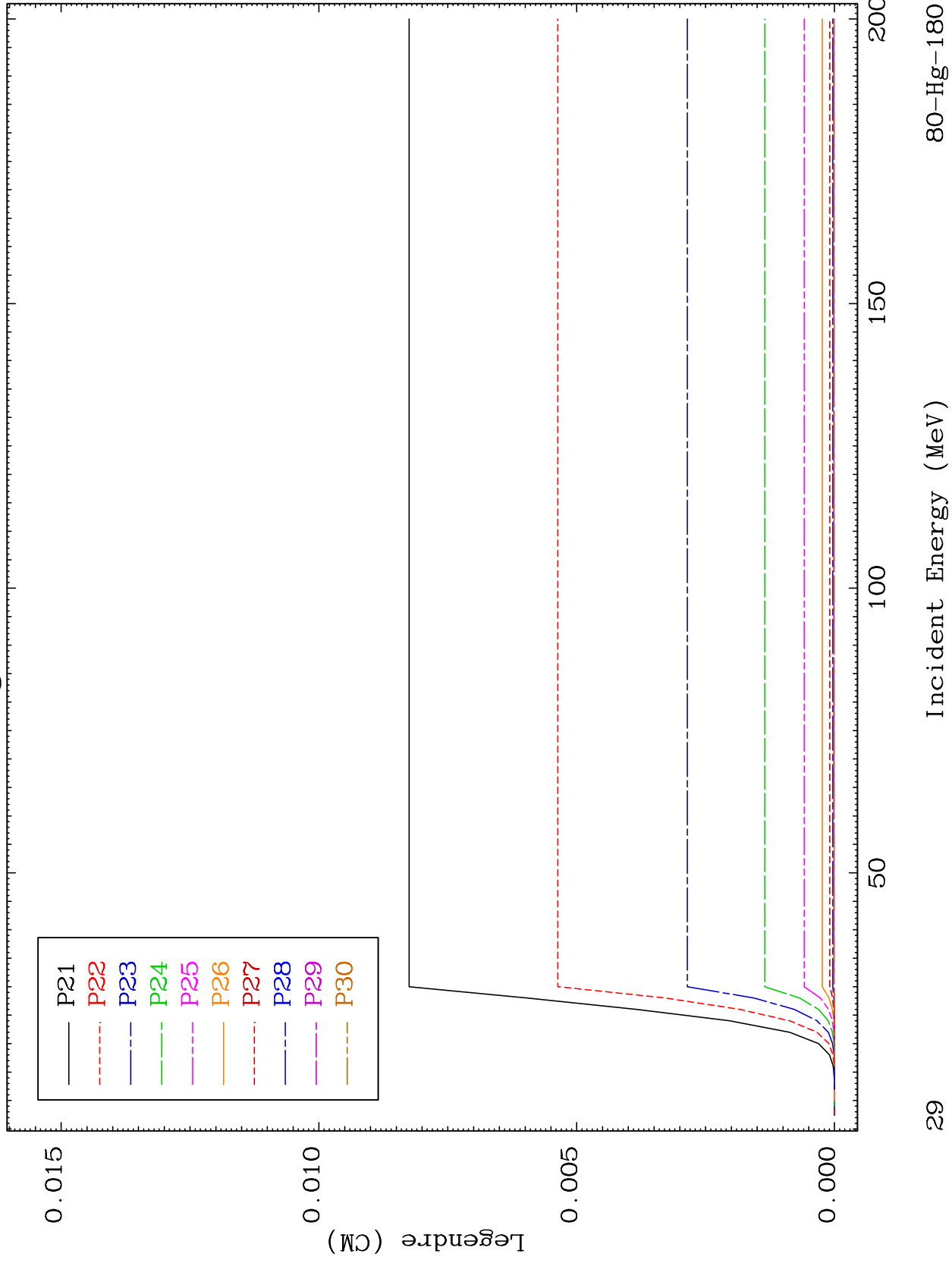




MAT 7977

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

80-Hg-180

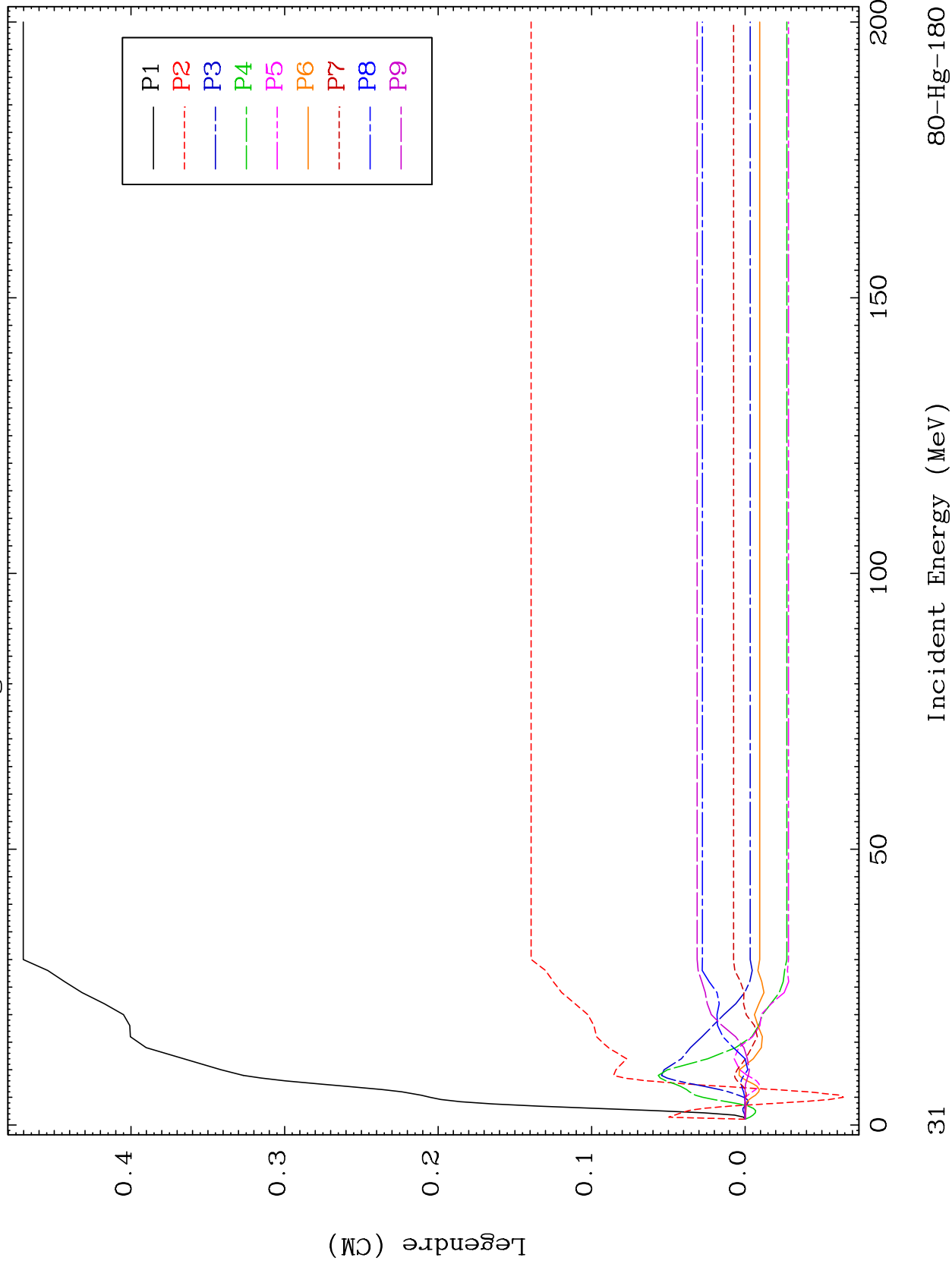


29

MAT 7977

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

80-Hg-180



31

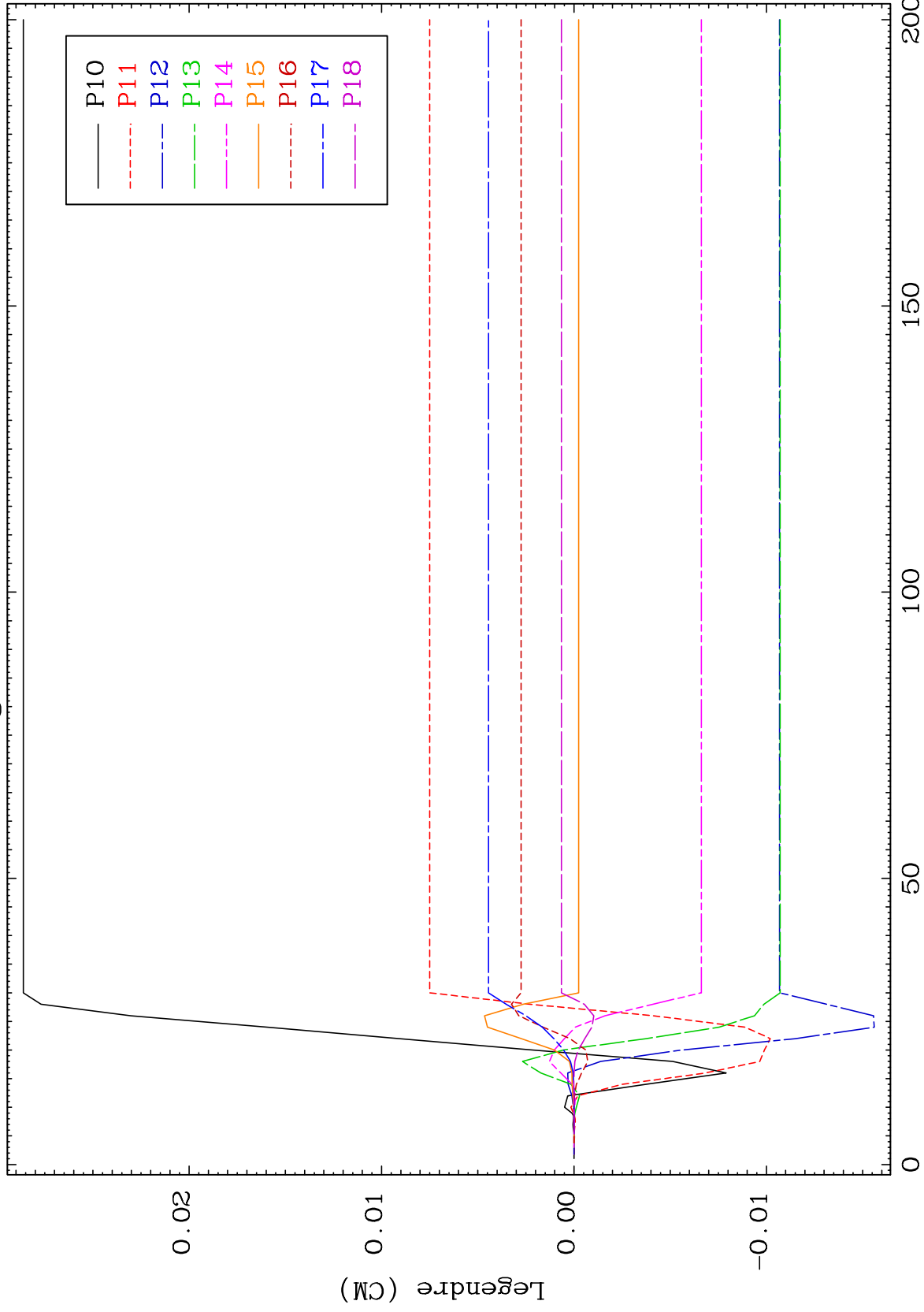
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

80-Hg-180



32

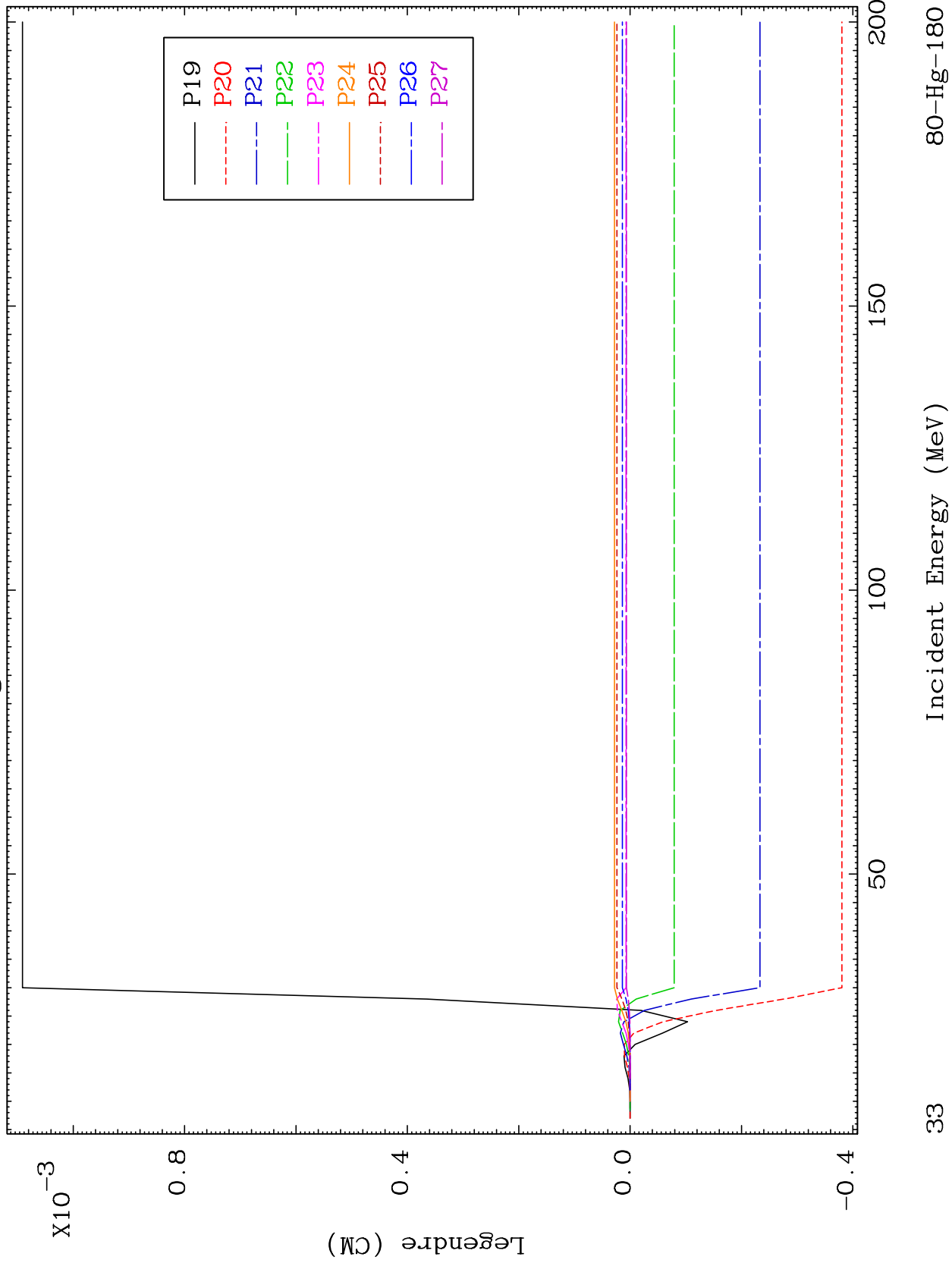
Incident Energy (MeV)

80-Hg-180

MAT 7977

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

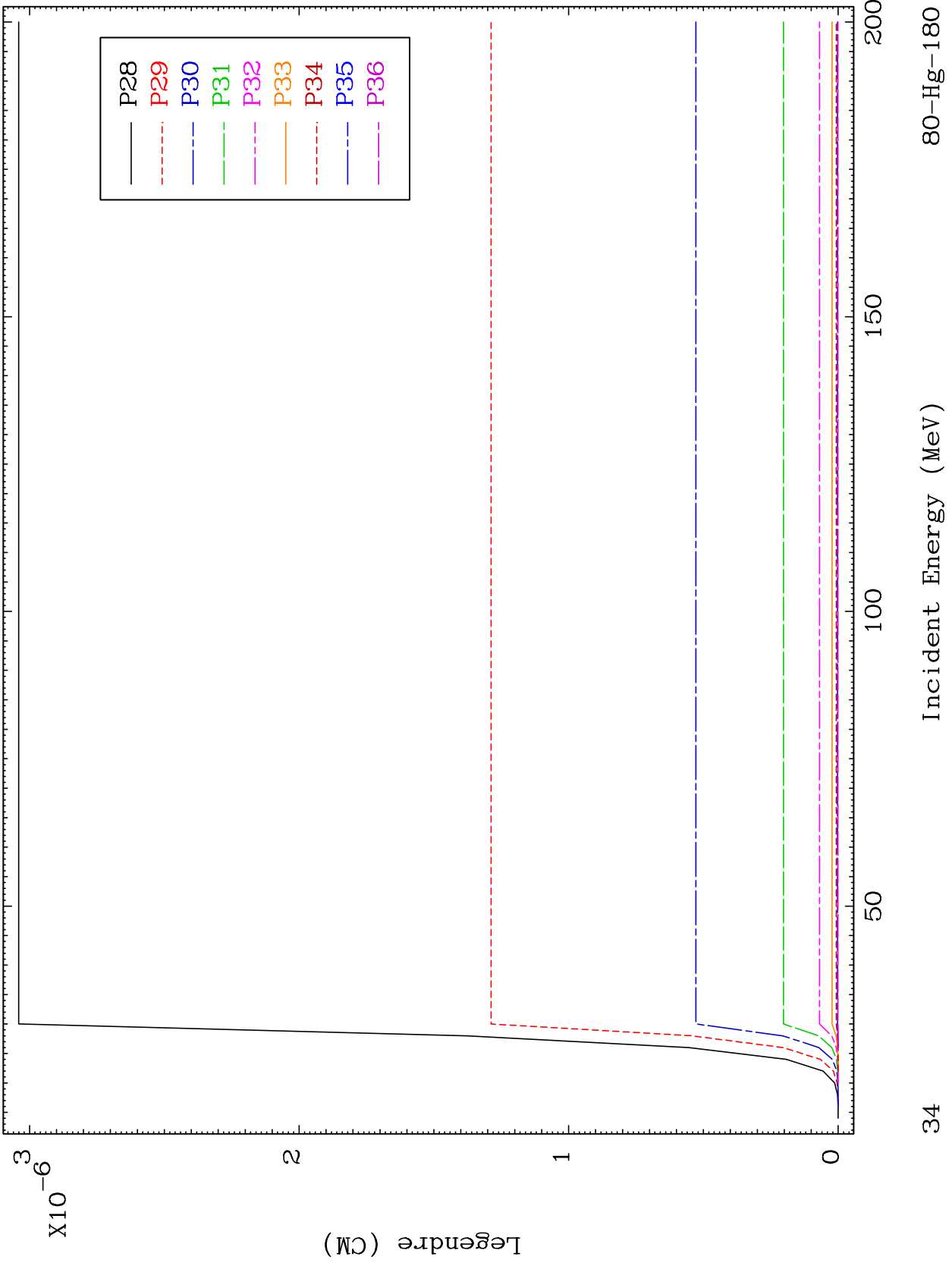
80-Hg-180



MAT 7977

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

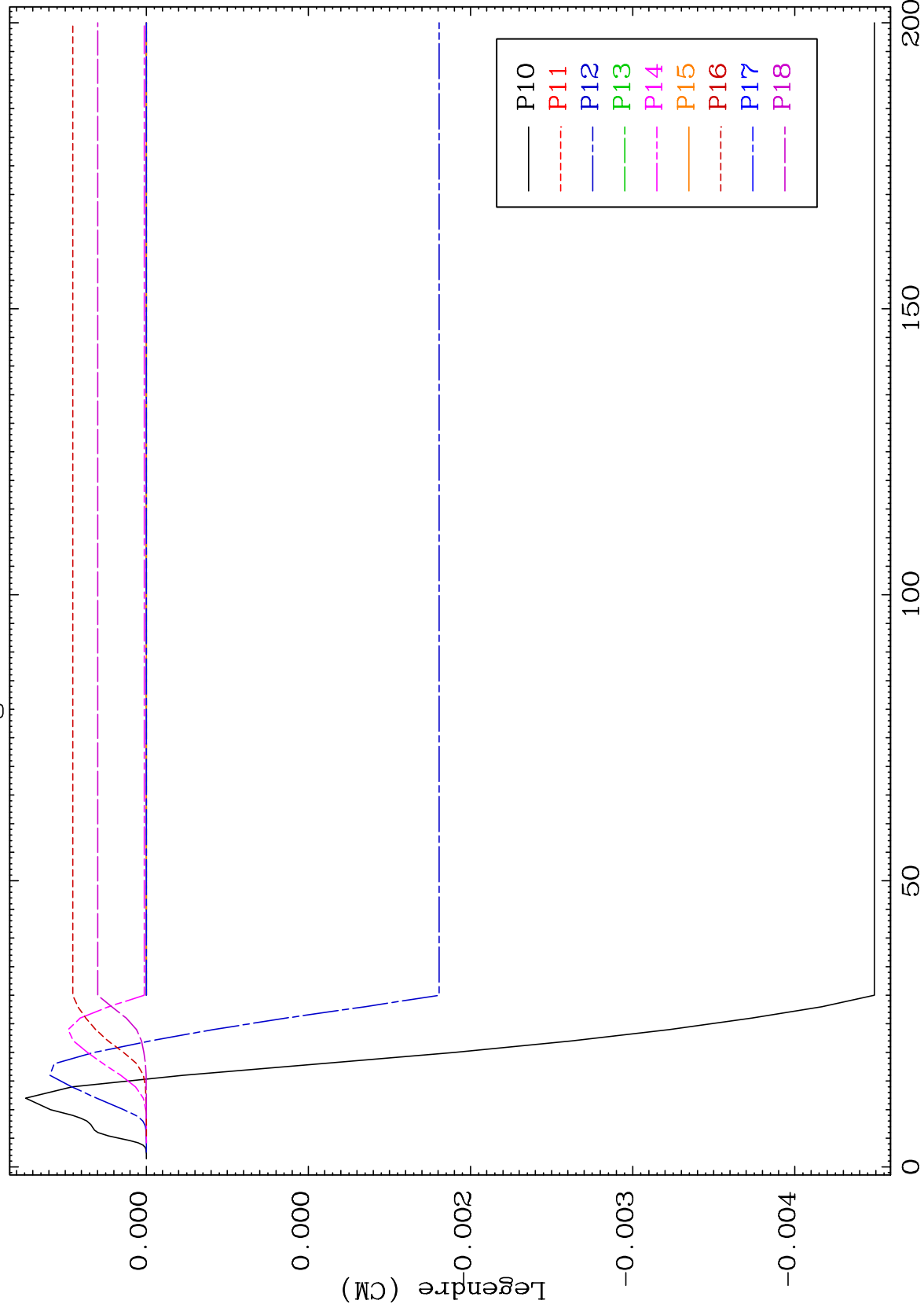
80-Hg-180



MAT 7977

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

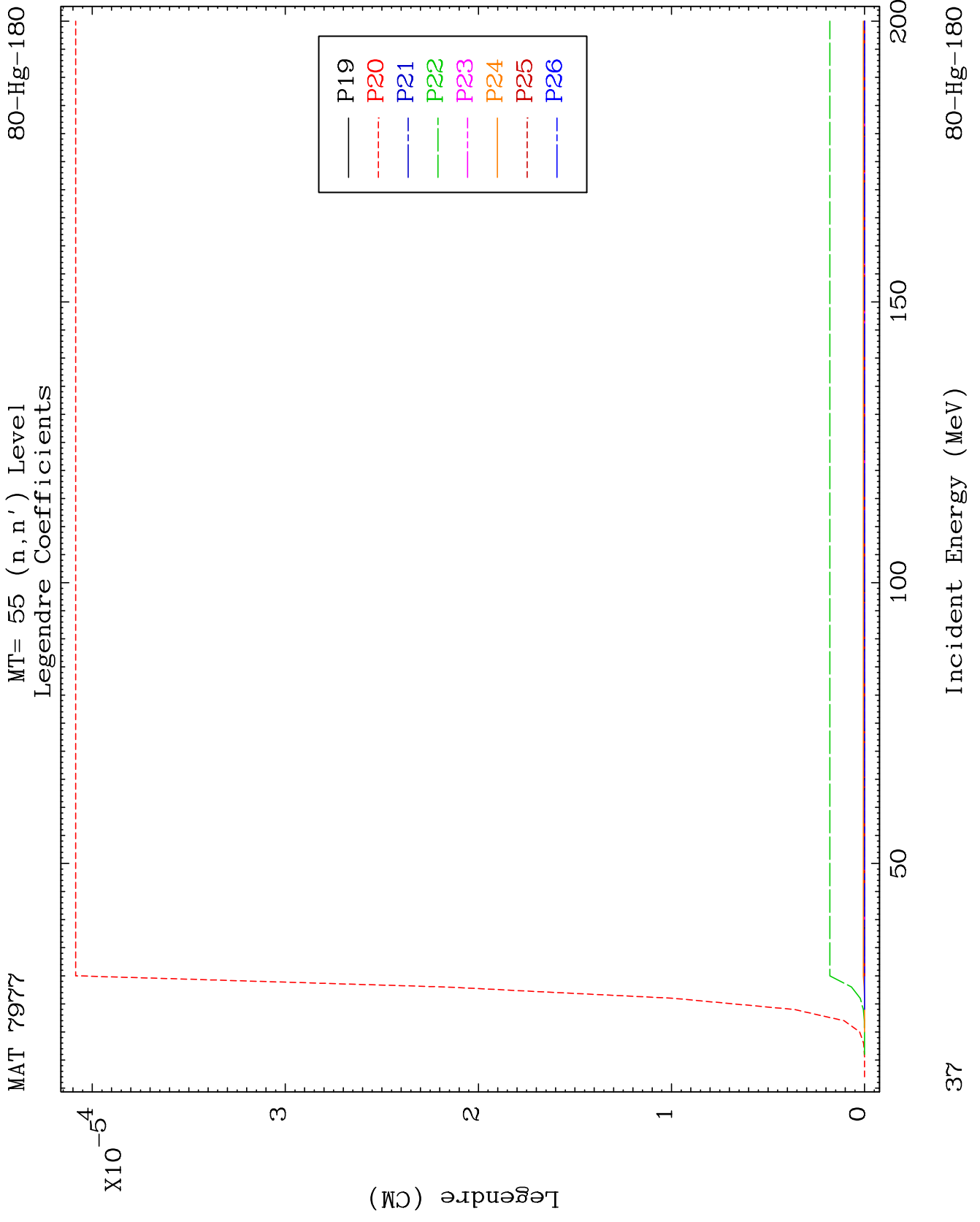
80-Hg-180



36

Incident Energy (MeV)

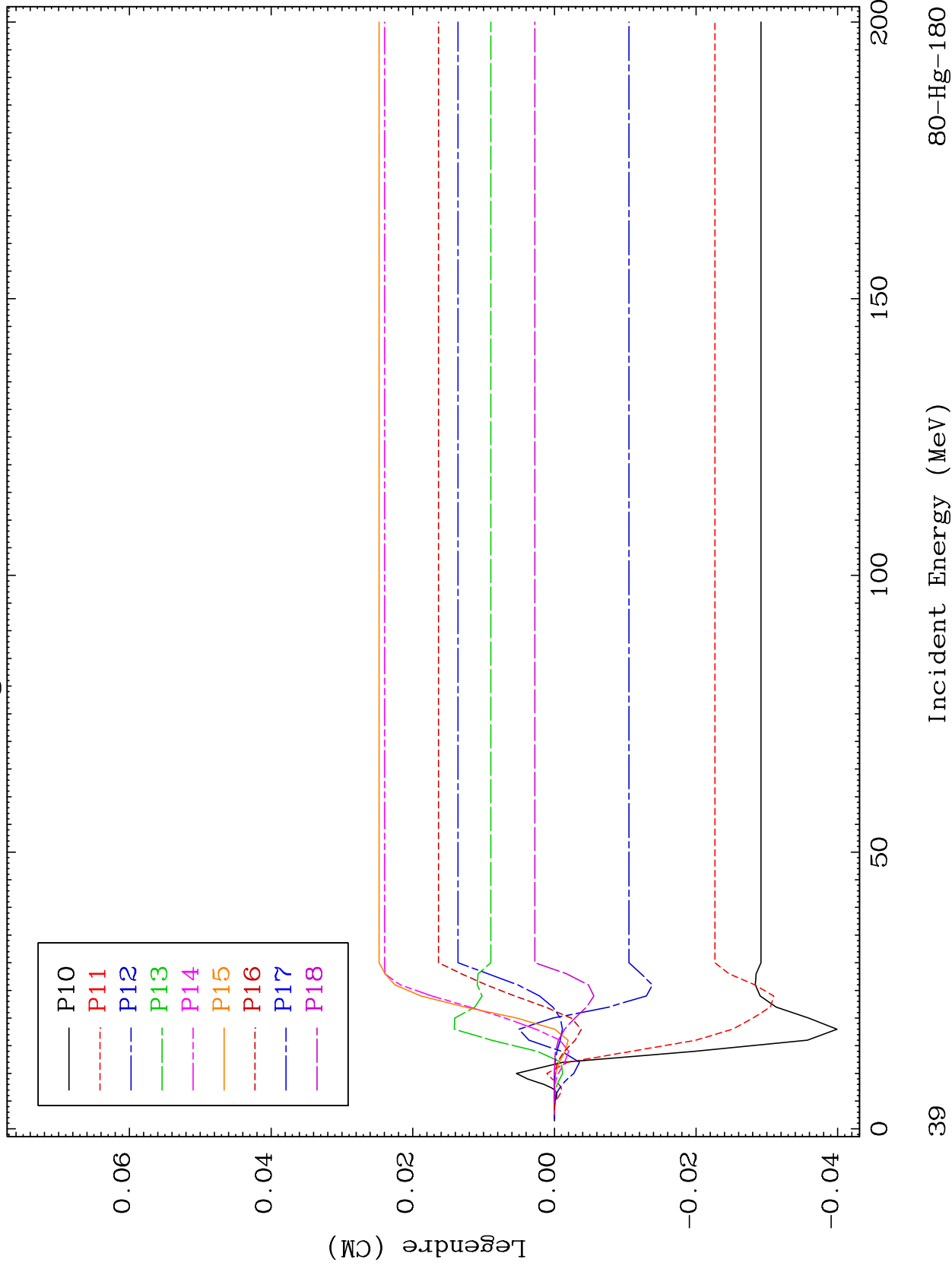
80-Hg-180



MAT 7977

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

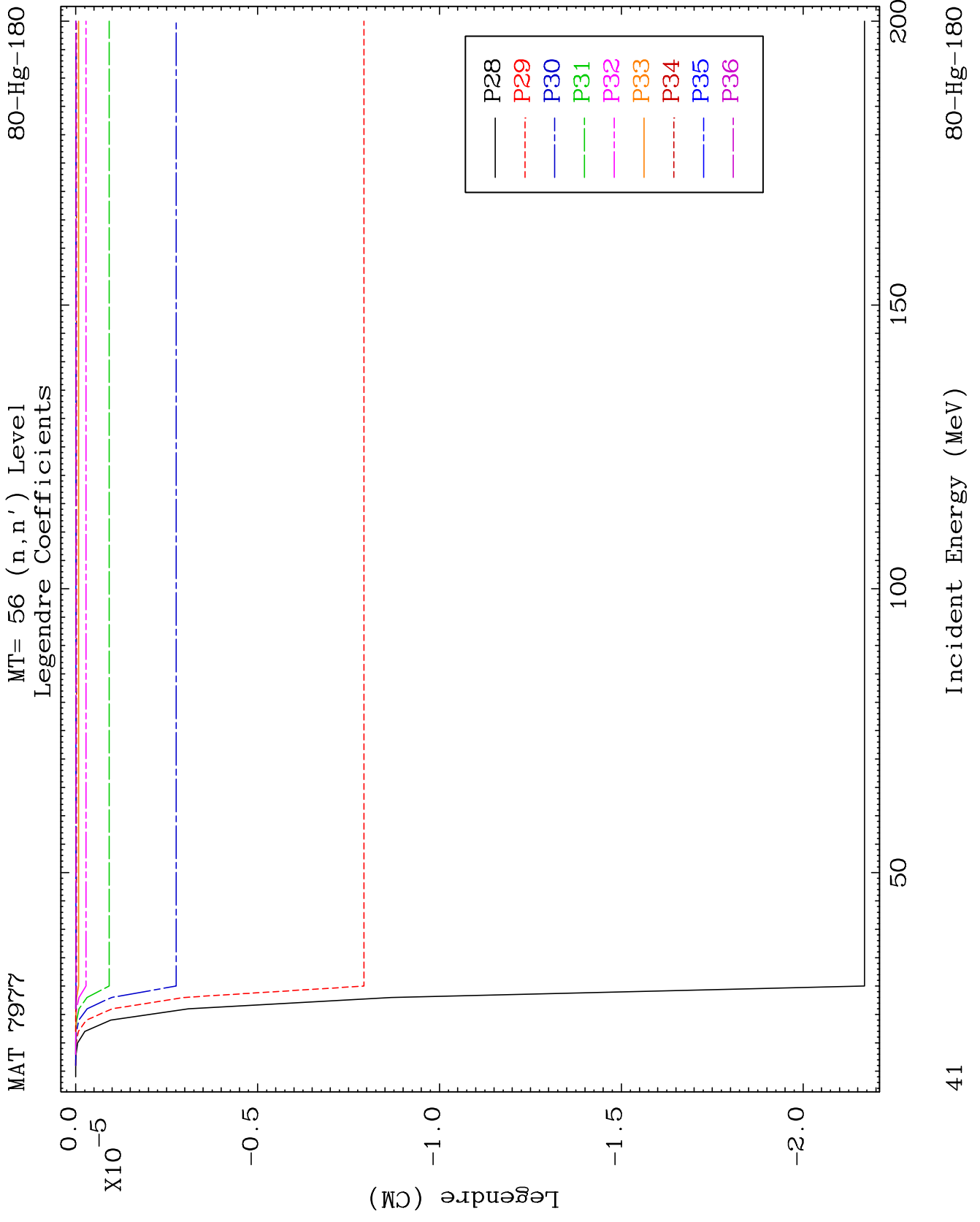
80-Hg-180



39

Incident Energy (MeV)

80-Hg-180

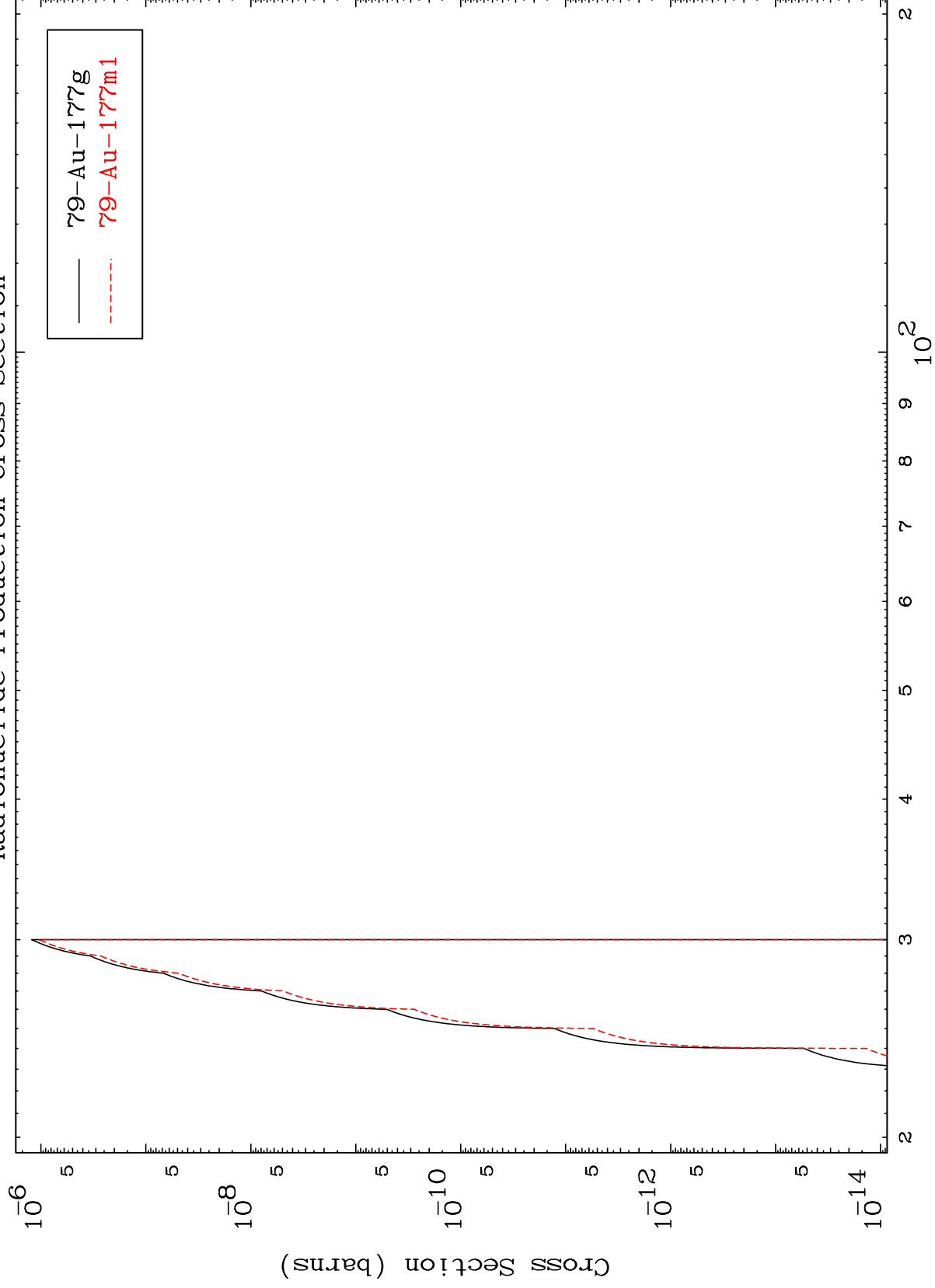


MAT 7977

(n,2n) d

80-Hg-180

Radionuclide Production Cross Section



42

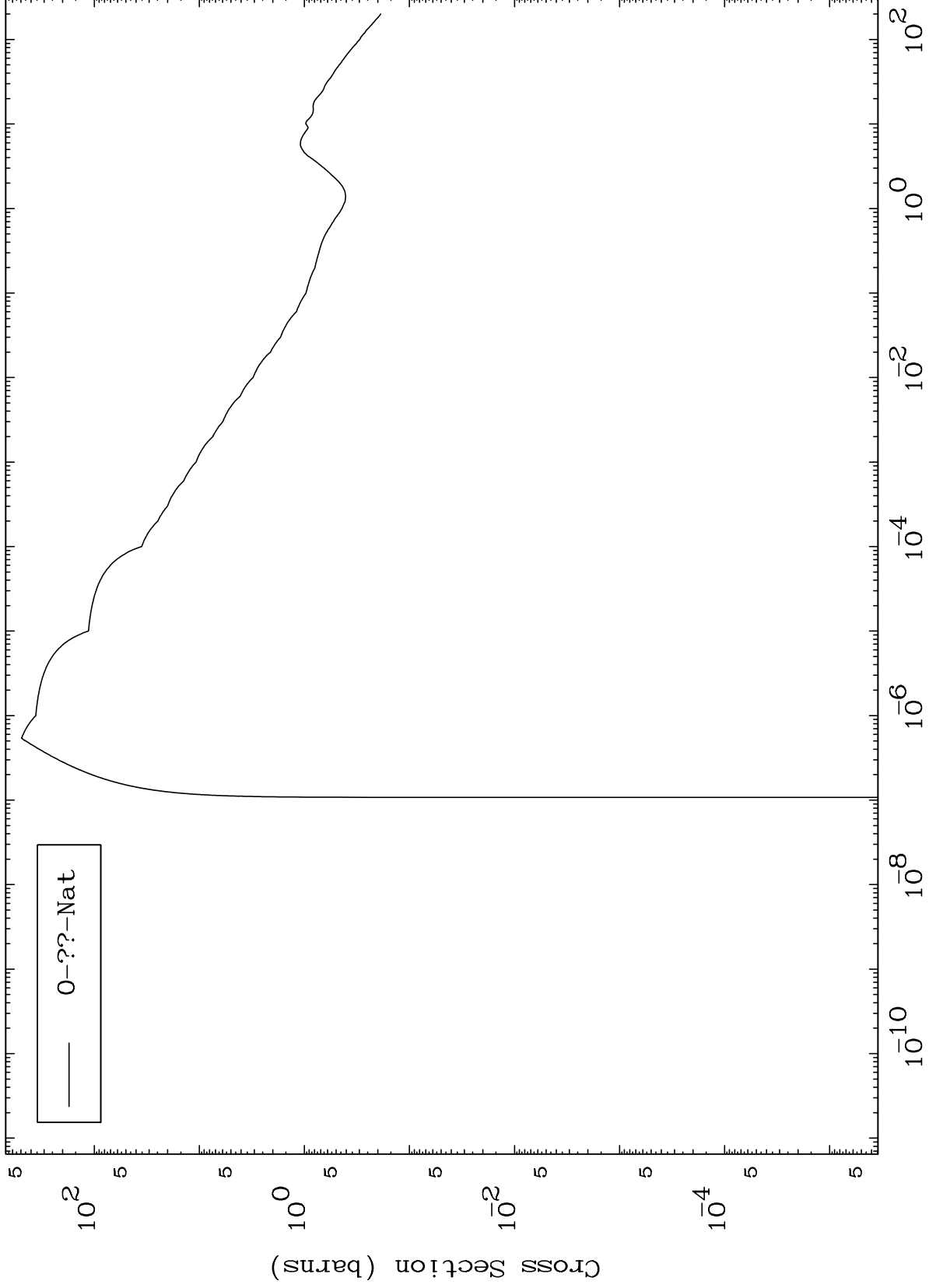
Incident Energy (MeV)

80-Hg-180

MAT 7977

80-Hg-180

Fission
Radionuclide Production Cross Section

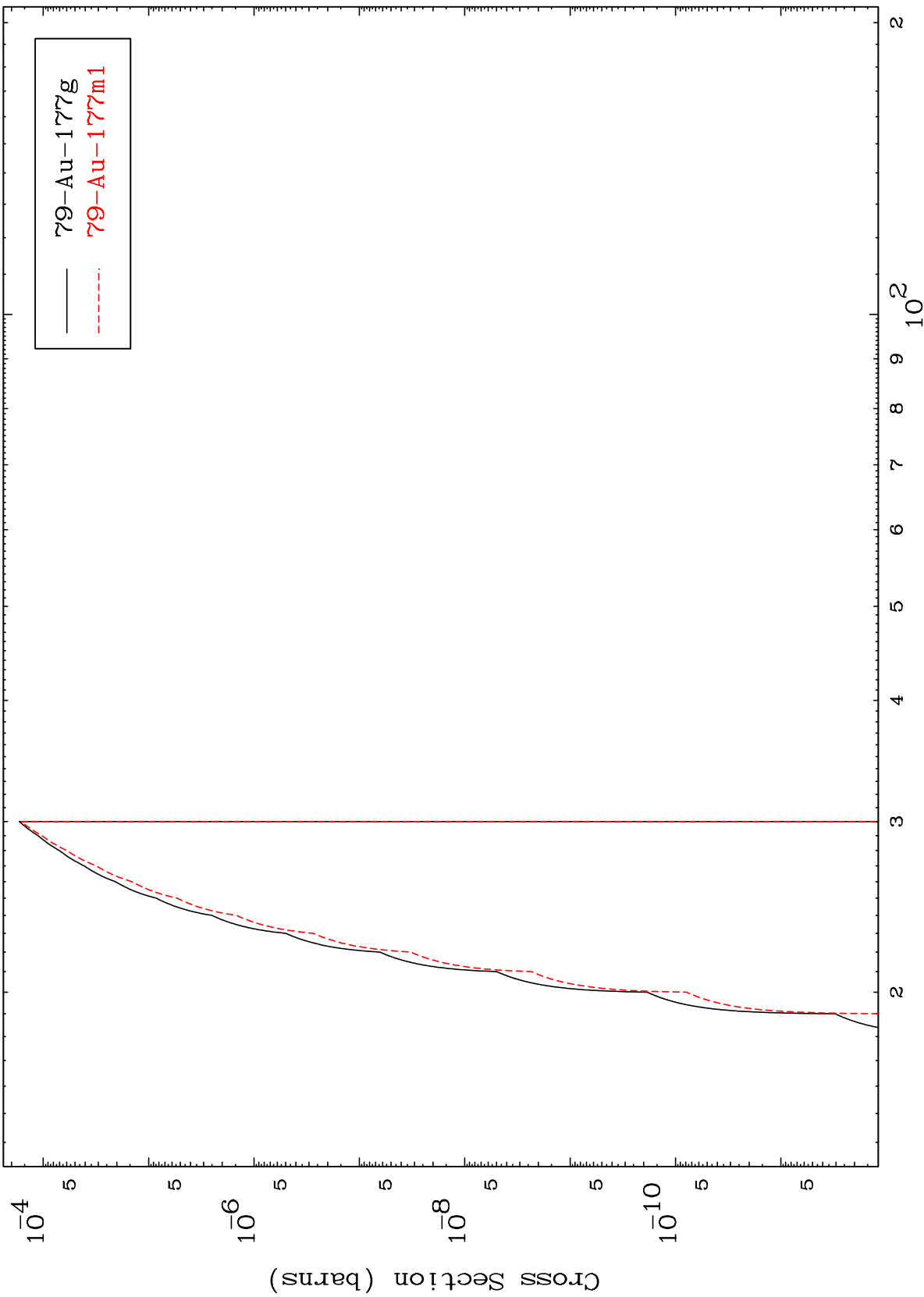


MAT 7977

(n,n') t

80-Hg-180

Radionuclide Production Cross Section



44

Incident Energy (MeV)

80-Hg-180

