

Program EVALPLOT
(Version 2021-1)

by

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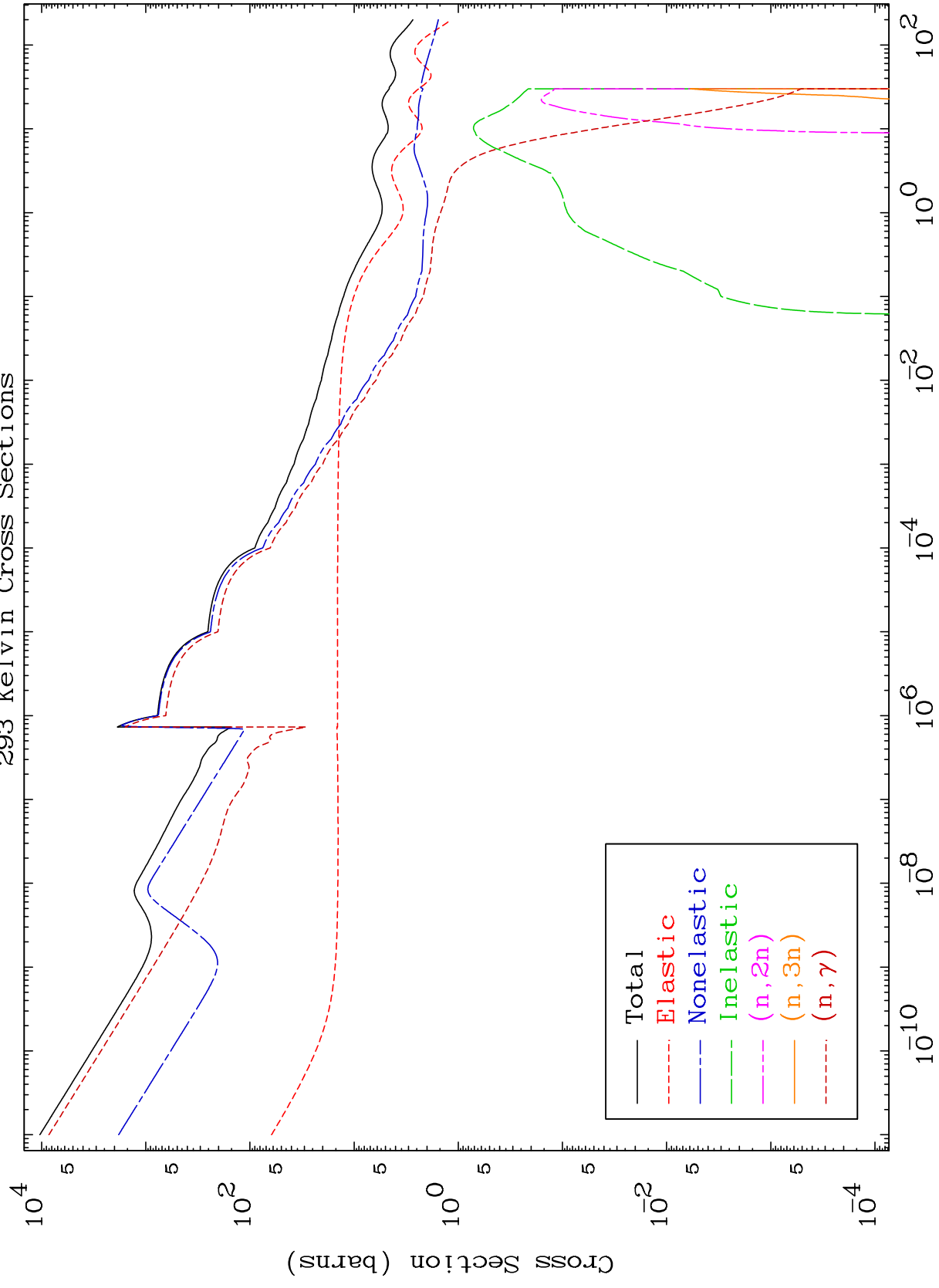
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7974

Neutron Major
293 Kelvin Cross Sections

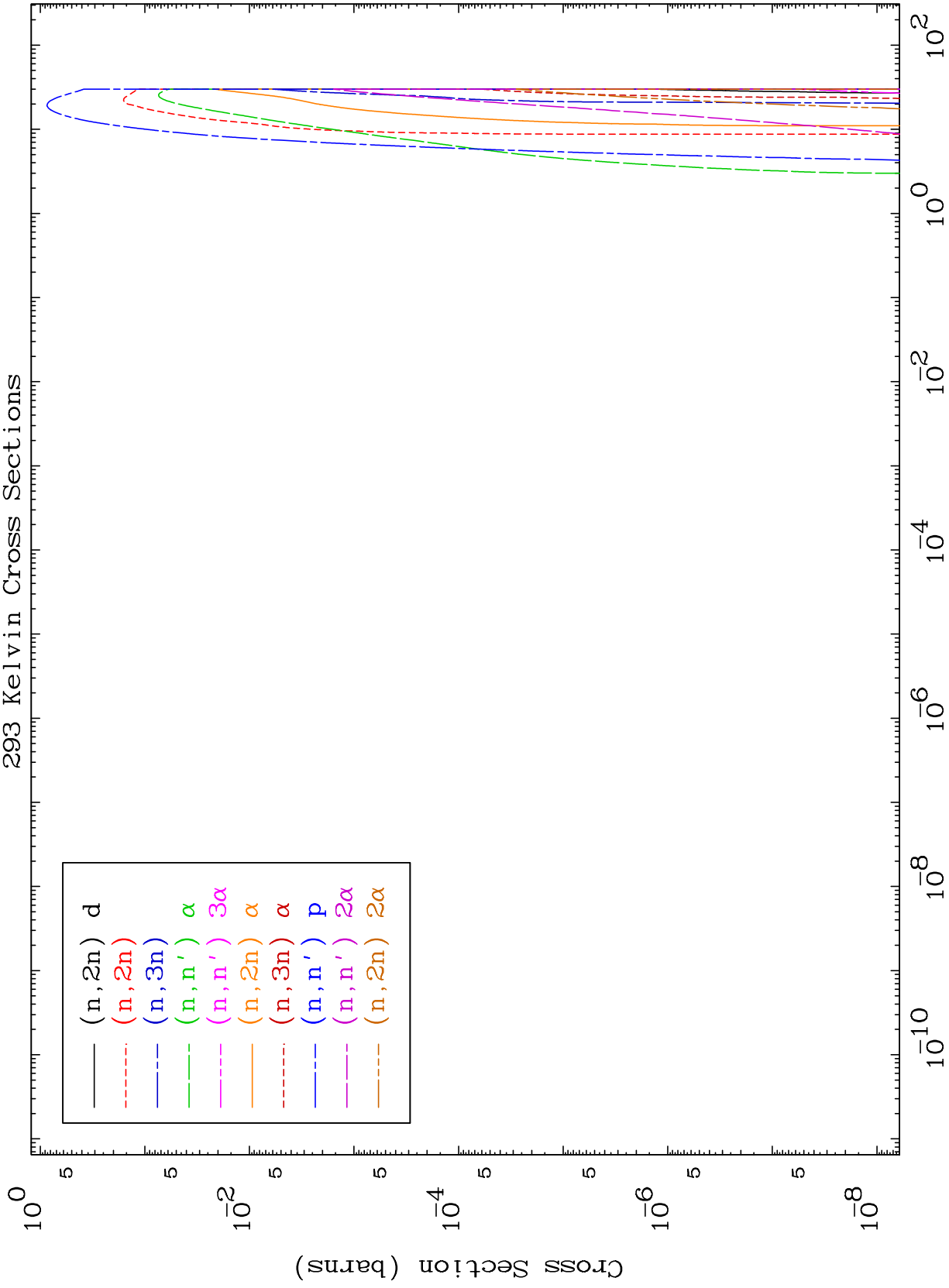
80-Hg-179

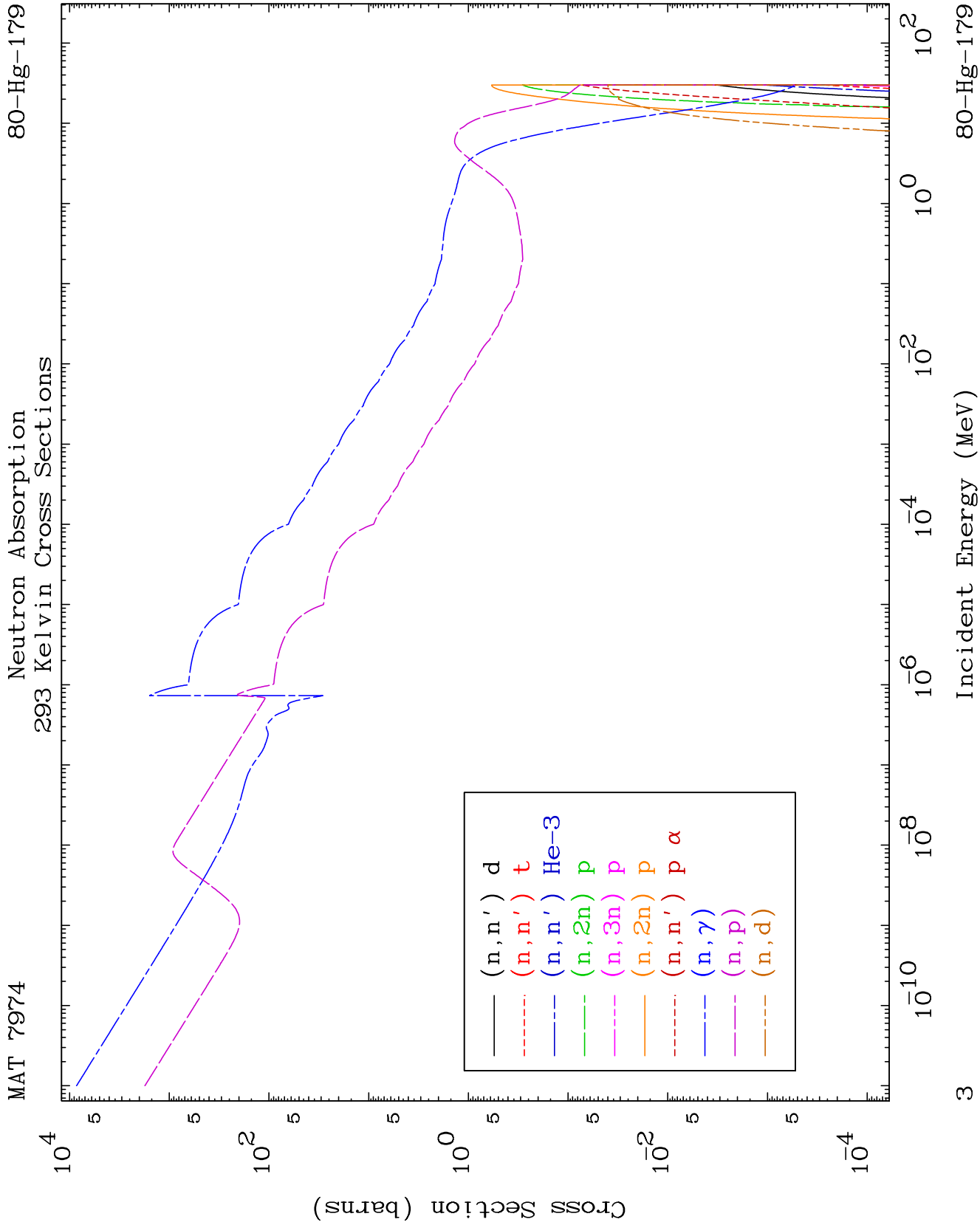


MAT 7974

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-179

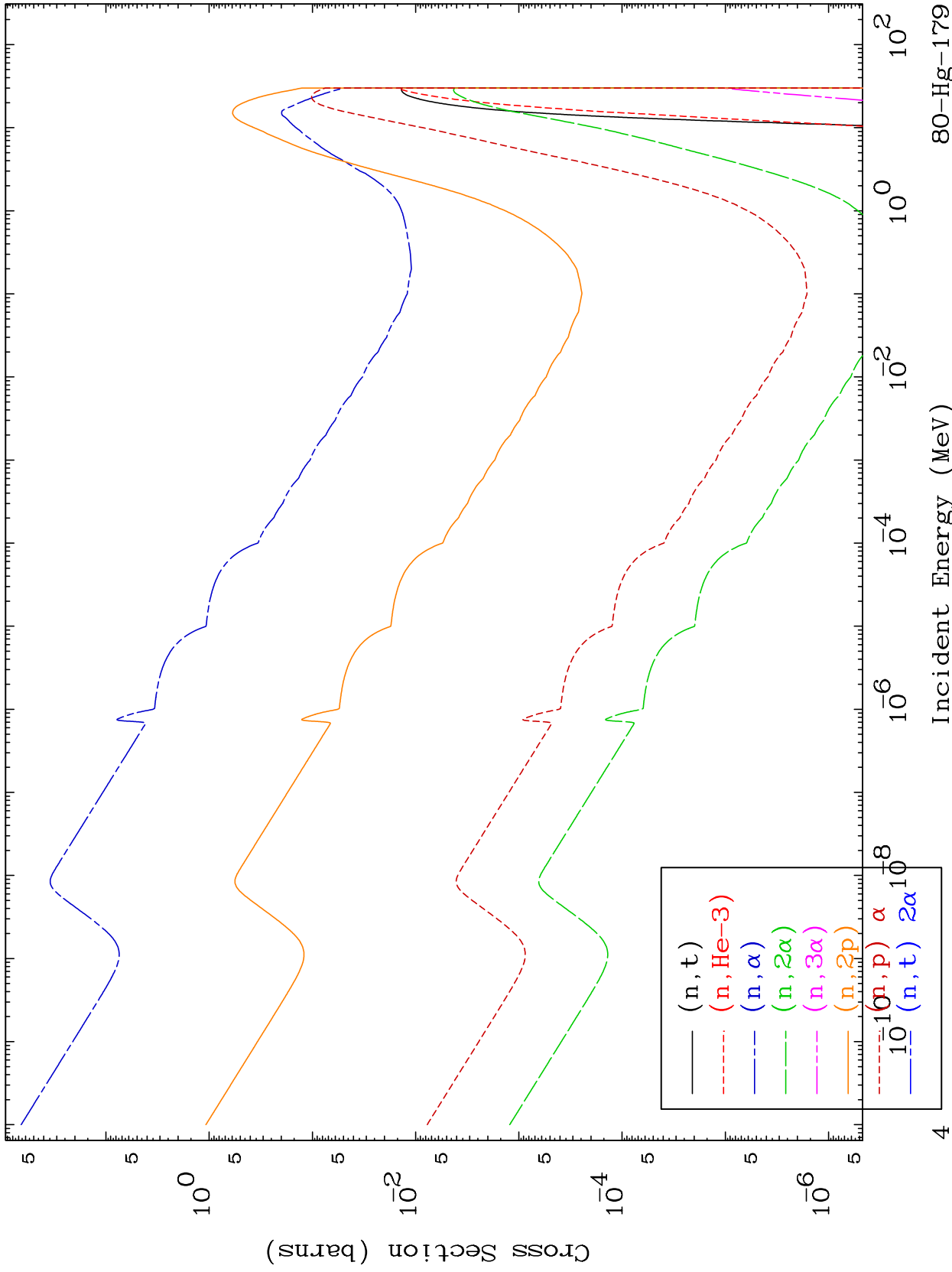


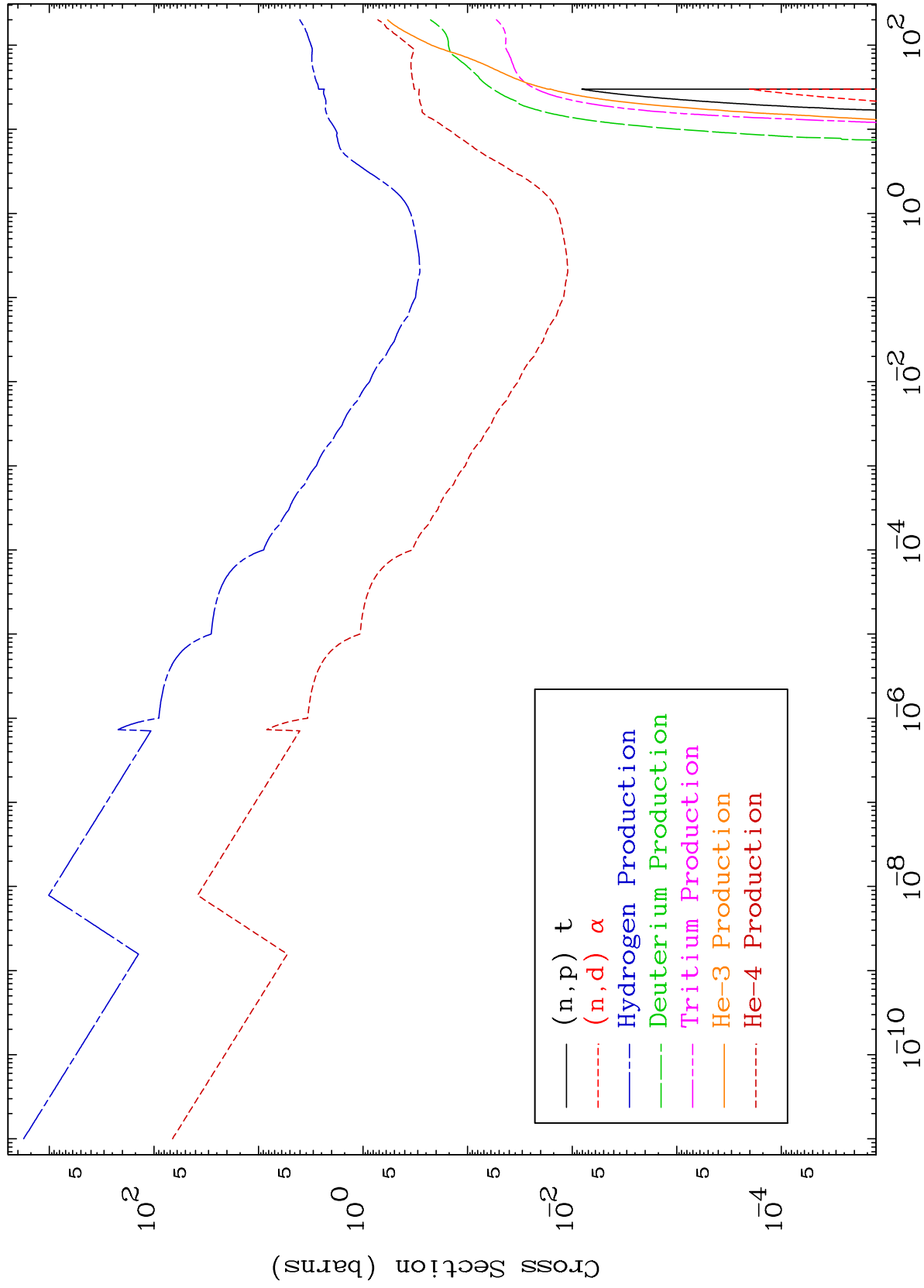


MAT 7974

Neutron Absorption
293 Kelvin Cross Sections

80-Hg-179

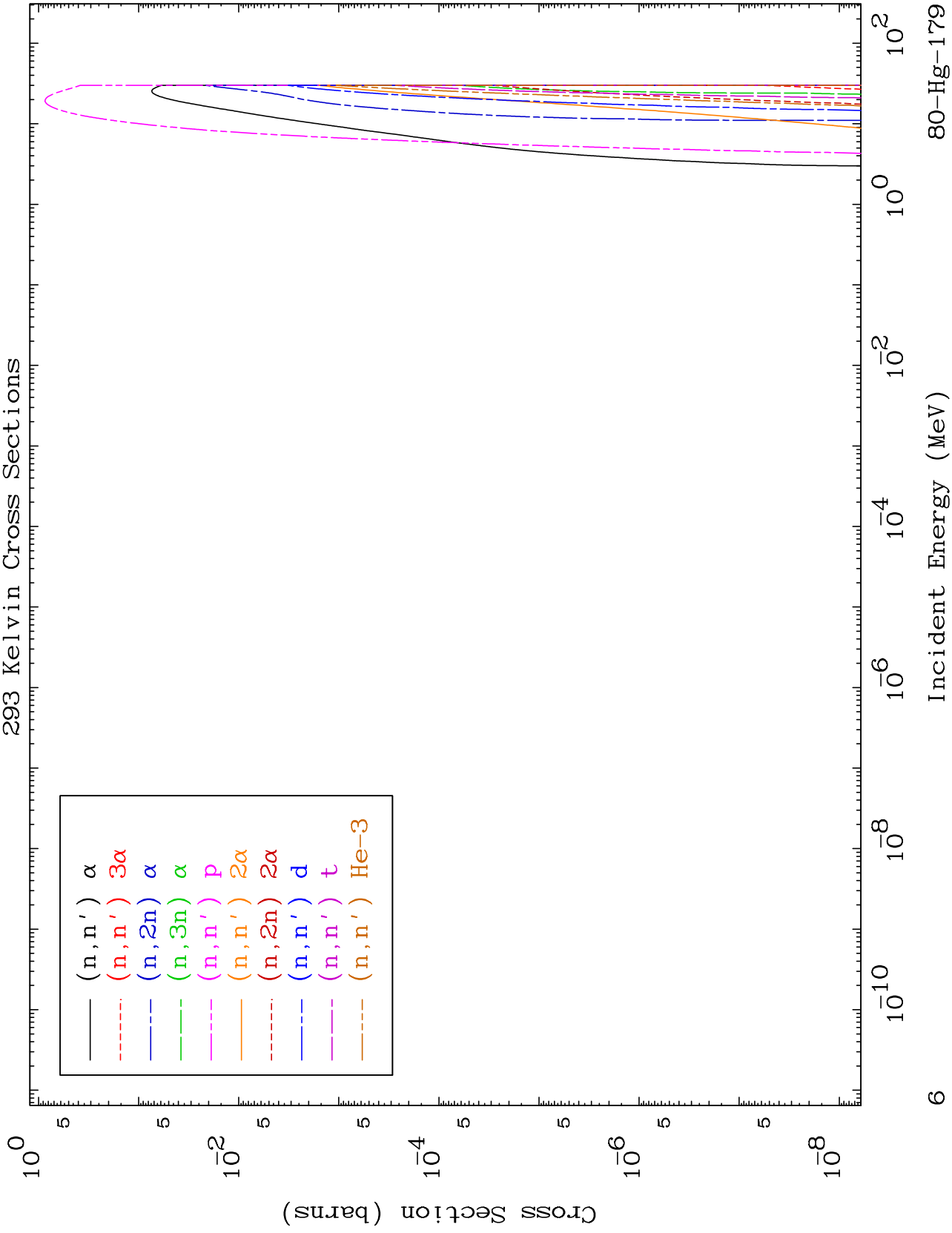




MAT 7974

293 Kelvin Cross Sections

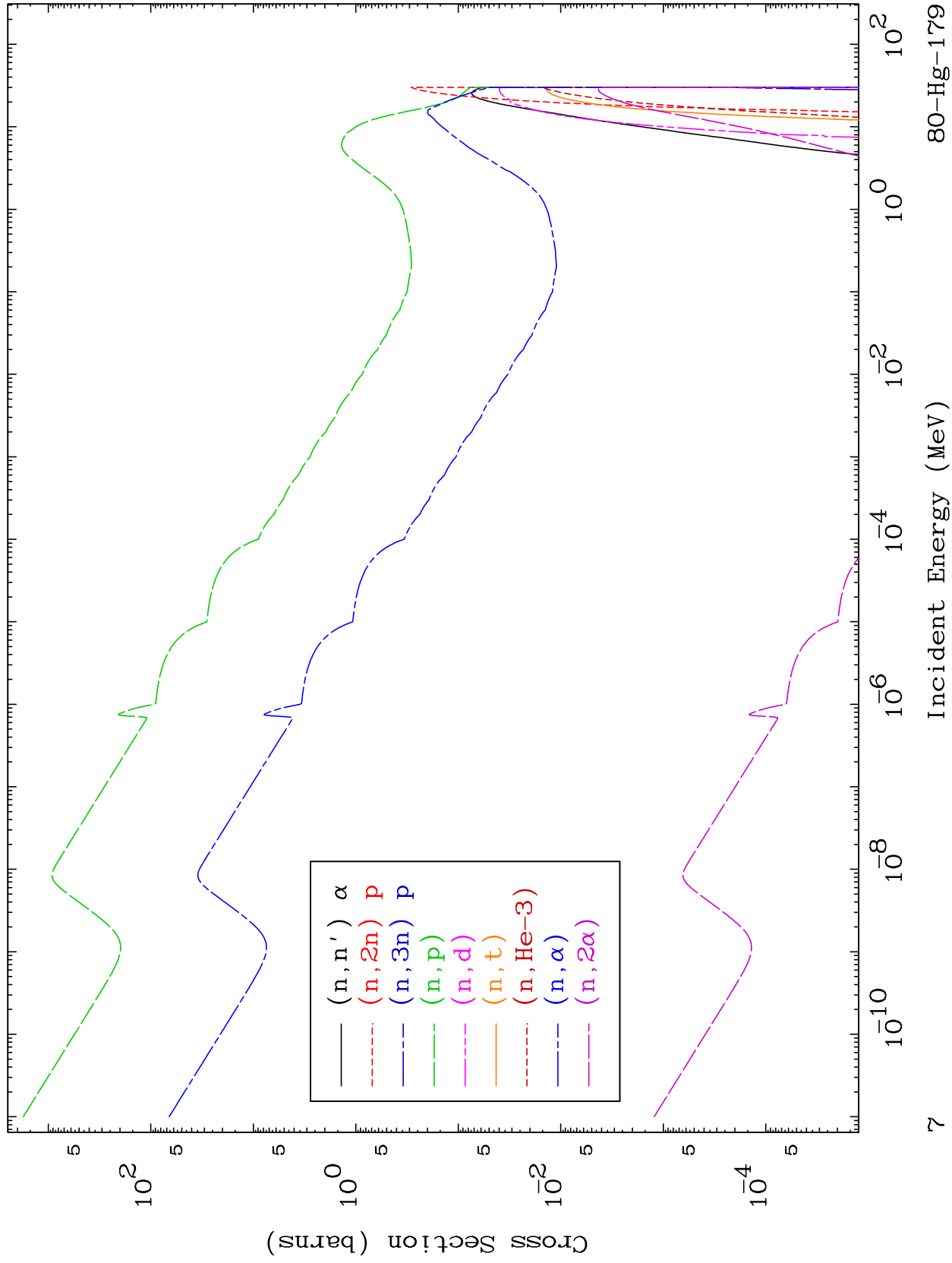
80-Hg-179



MAT 7974

293 Kelvin Cross Sections

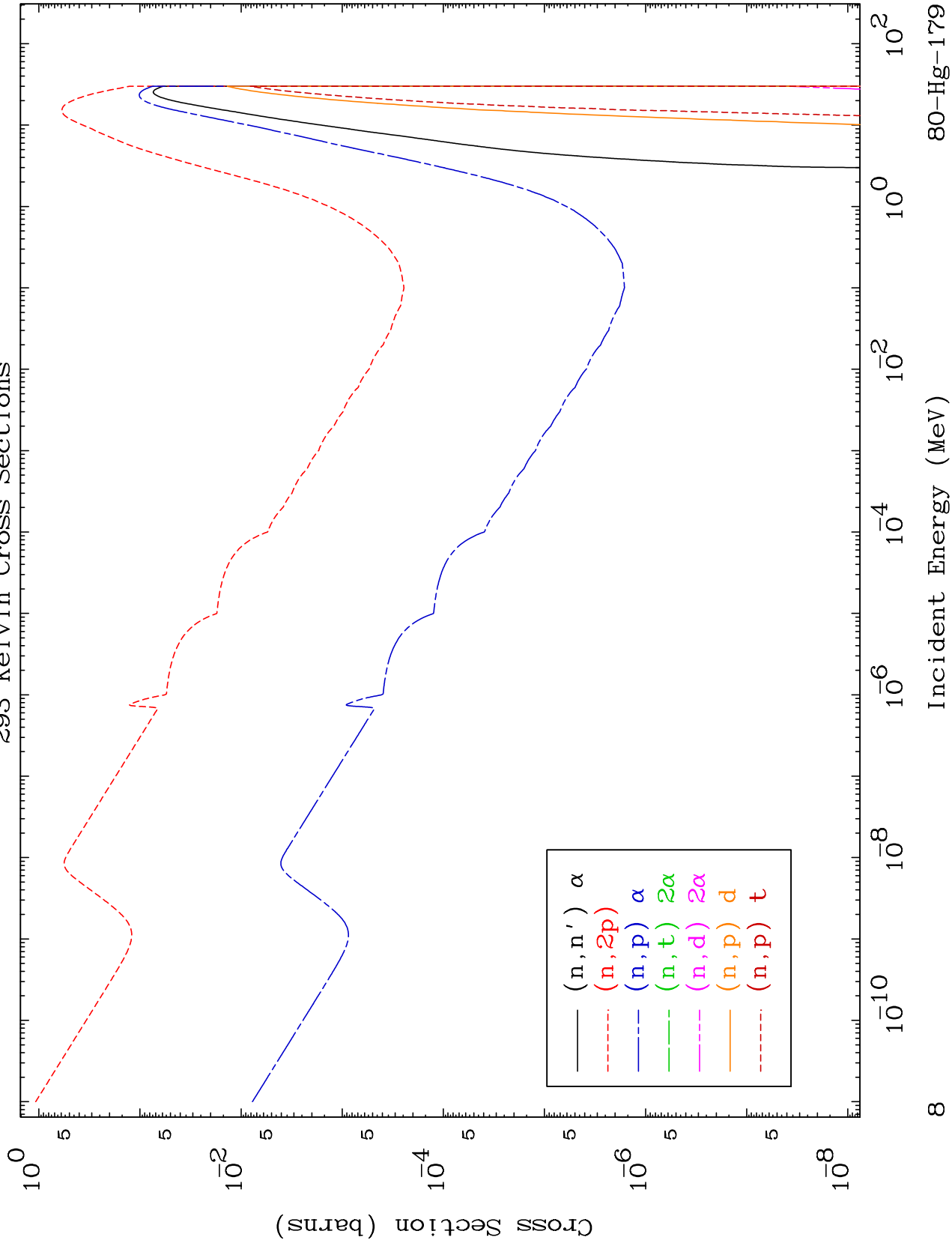
80-Hg-179



MAT 7974

Charged Particle
293 Kelvin Cross Sections

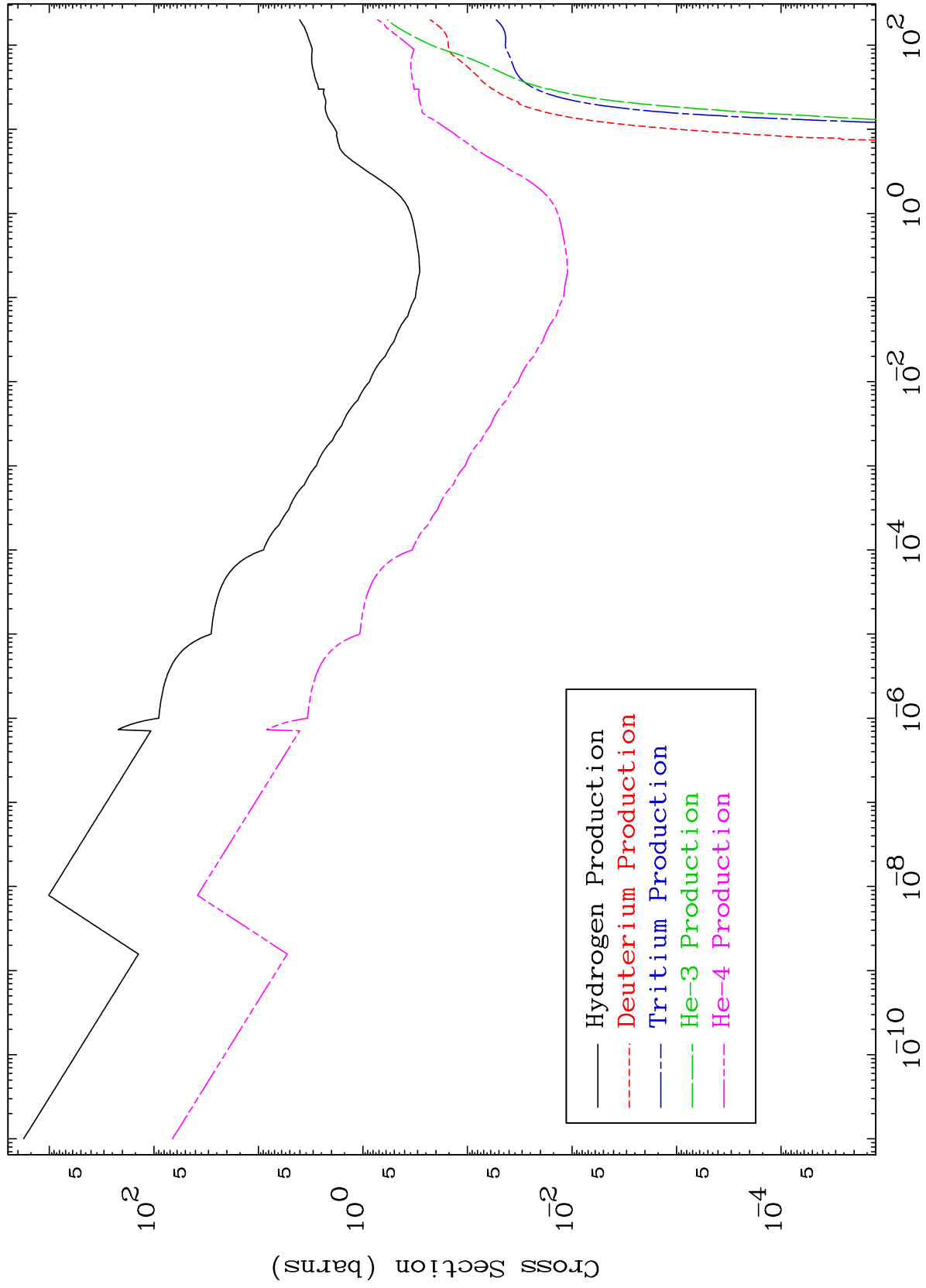
80-Hg-179



MAT 7974

Particle Production
293 Kelvin Cross Sections

80-Hg-179

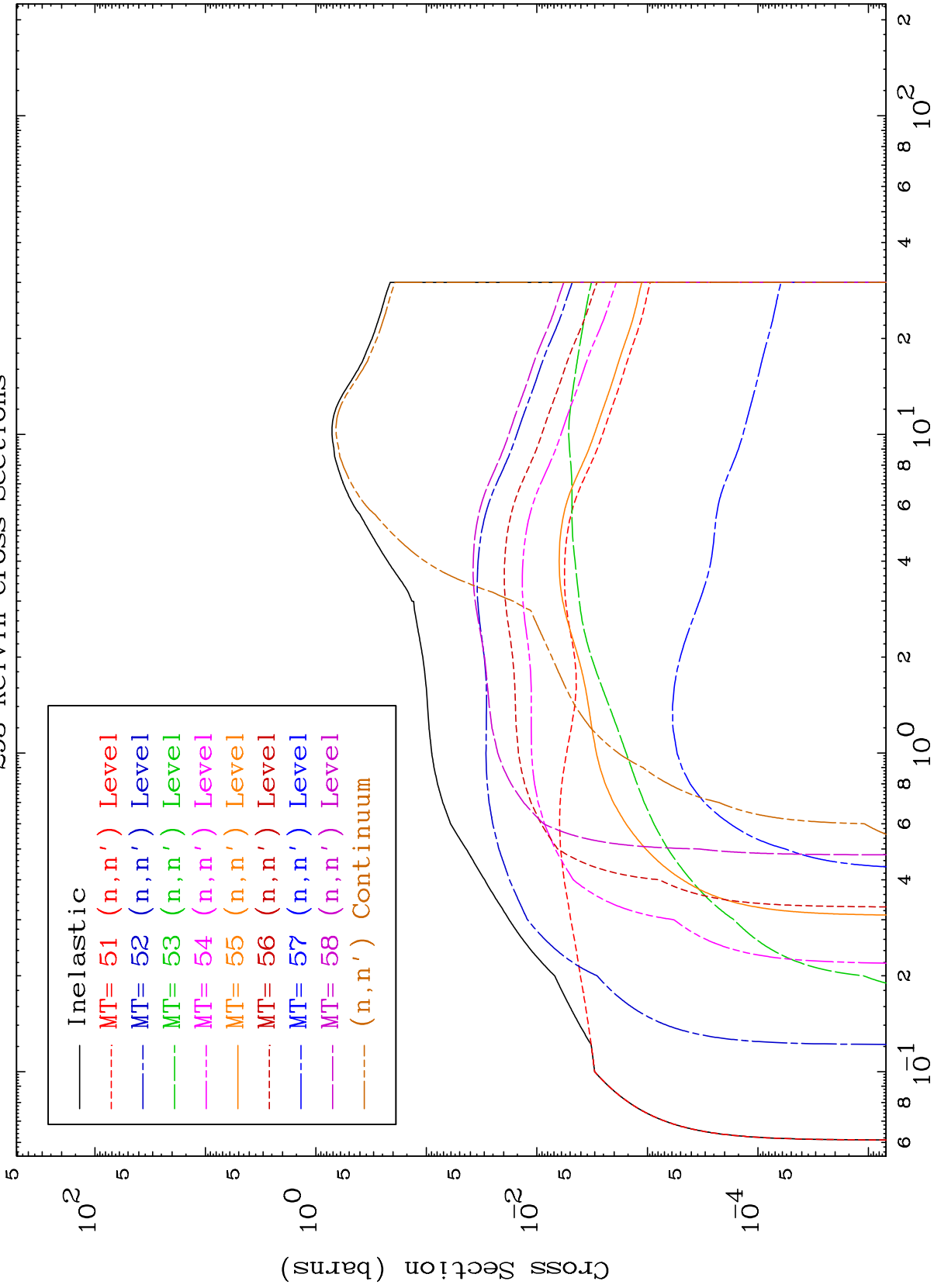


80-Hg-179

MAT 7974

(n,n') Levels
293 Kelvin Cross Sections

80-Hg-179



10

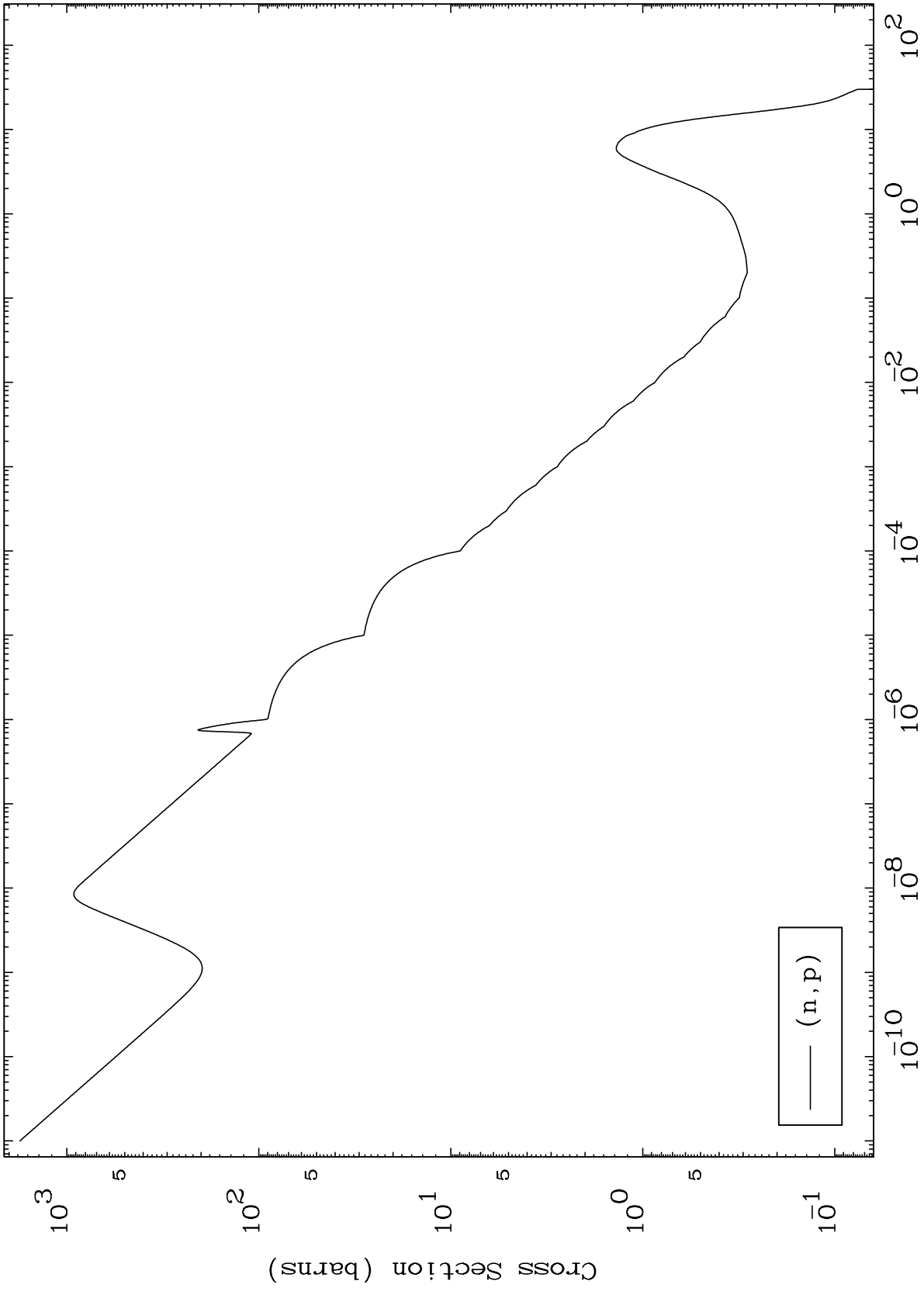
Incident Energy (MeV)

80-Hg-179

MAT 7974

(n,p) Levels
293 Kelvin Cross Sections

80-Hg-179

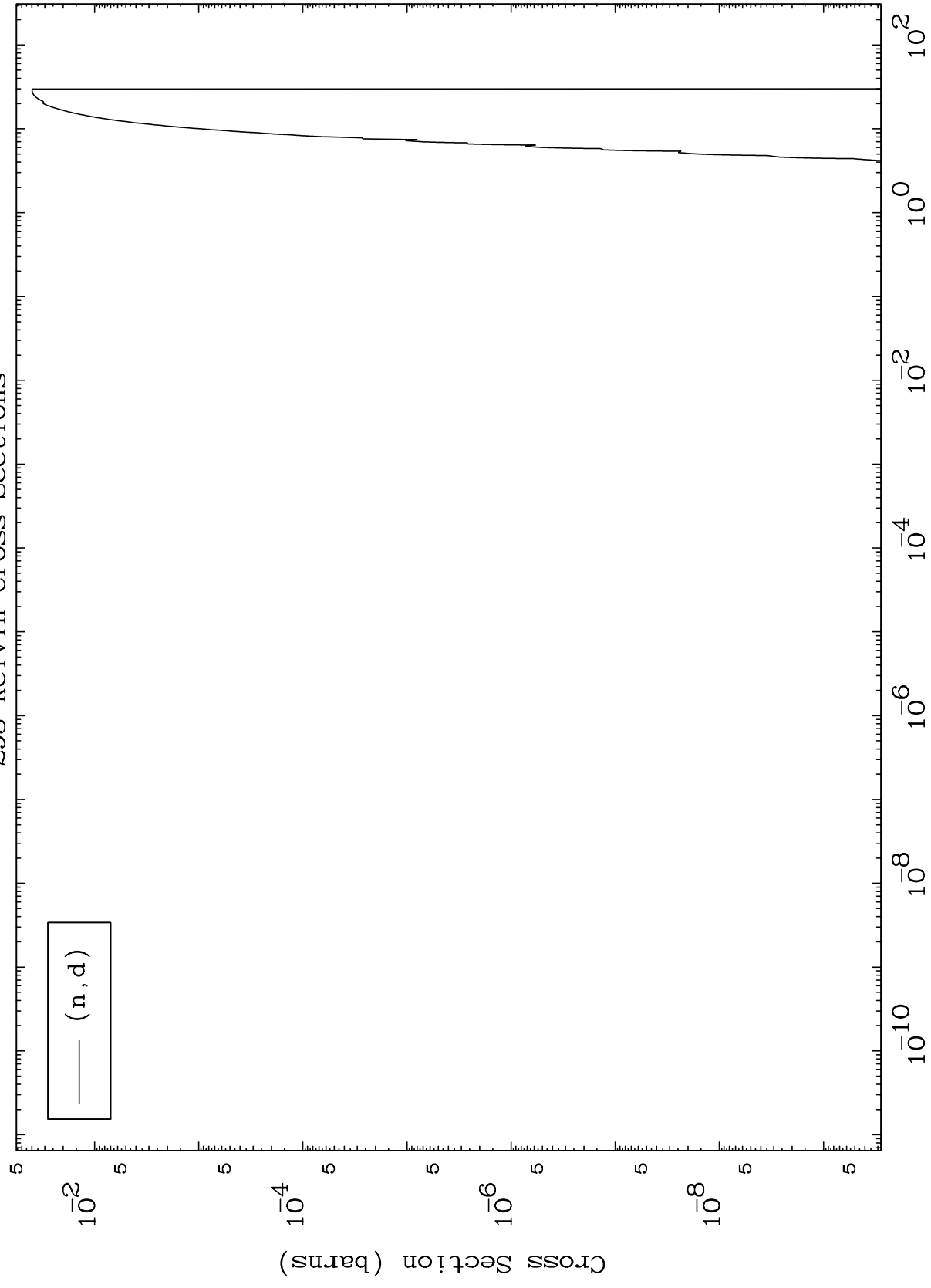


(n,p)

MAT 7974

(n,d) Levels
293 Kelvin Cross Sections

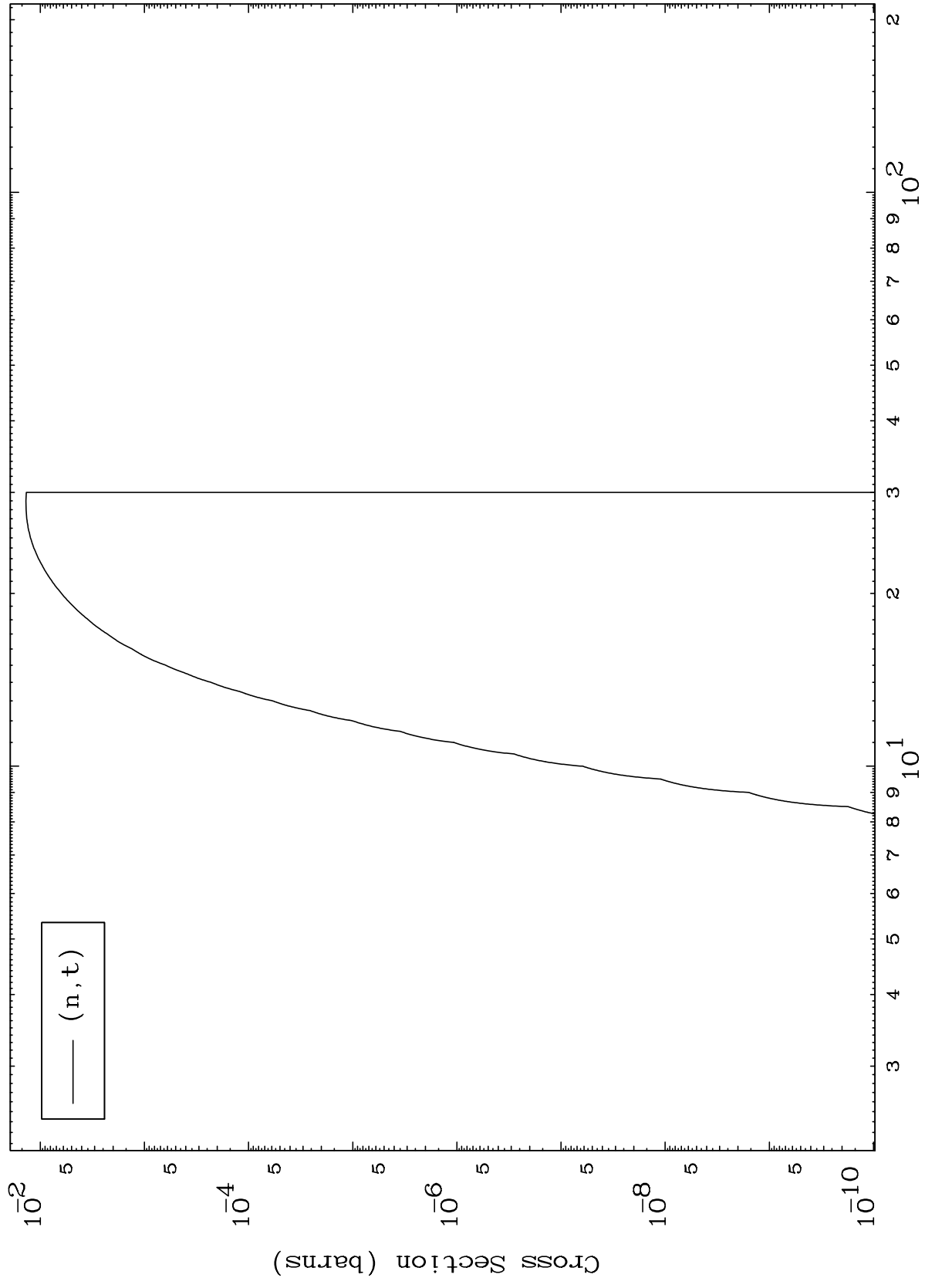
80-Hg-179



MAT 7974

(n,t) Levels
293 Kelvin Cross Sections

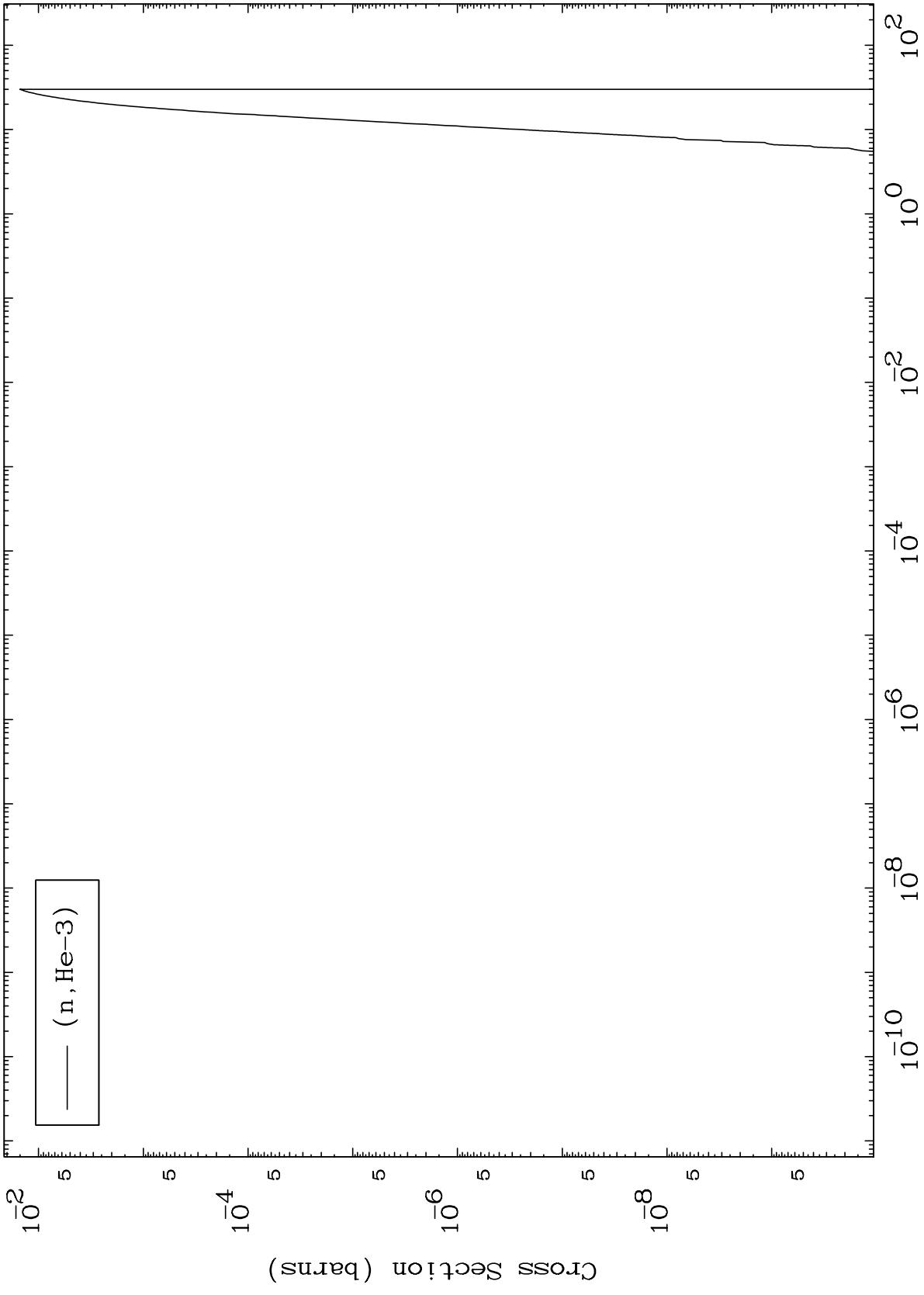
80-Hg-179



MAT 7974

(n,He3) Levels
293 Kelvin Cross Sections

80-Hg-179

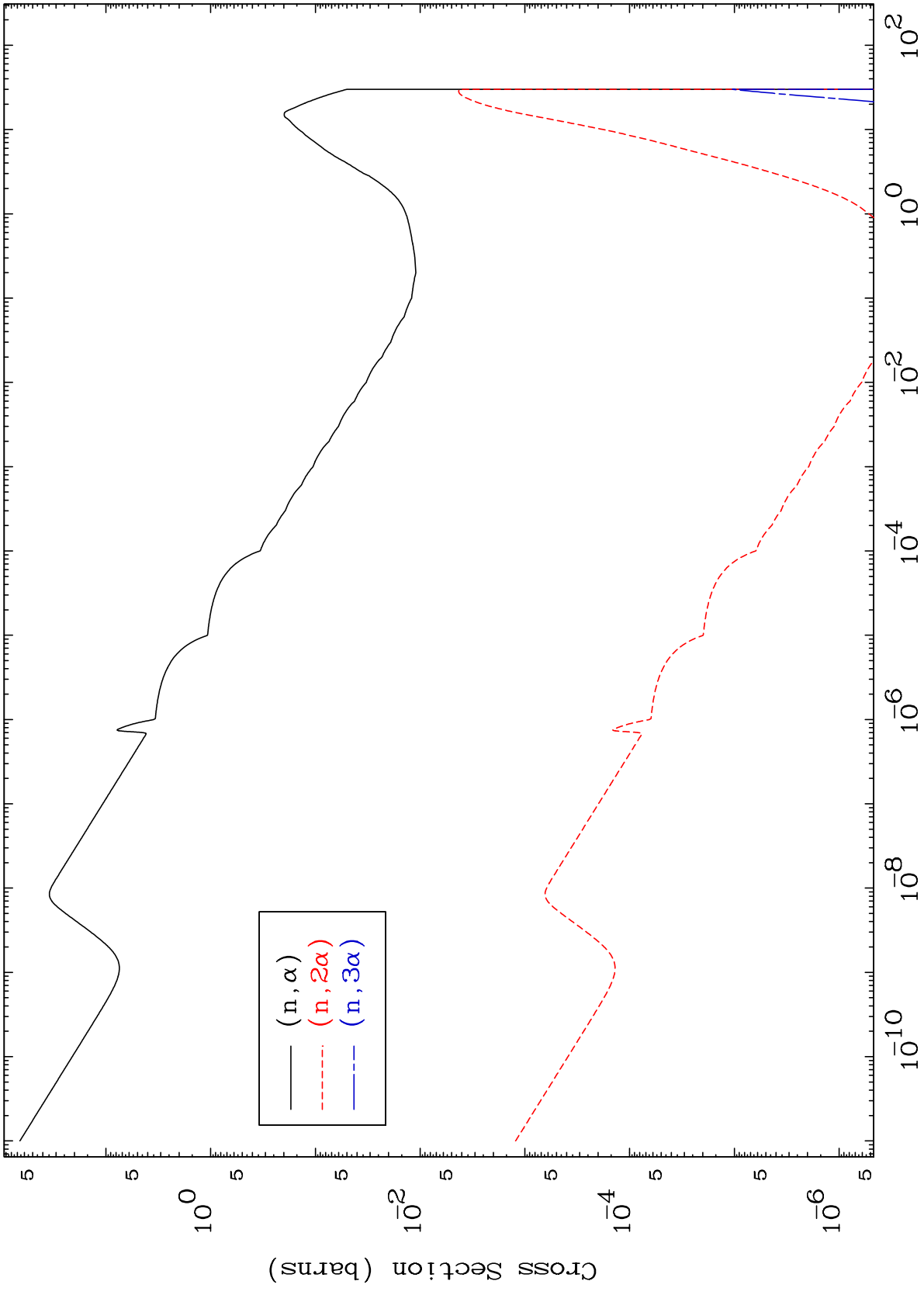


80-Hg-179

MAT 7974

(n,α) Levels
293 Kelvin Cross Sections

80-Hg-179



15

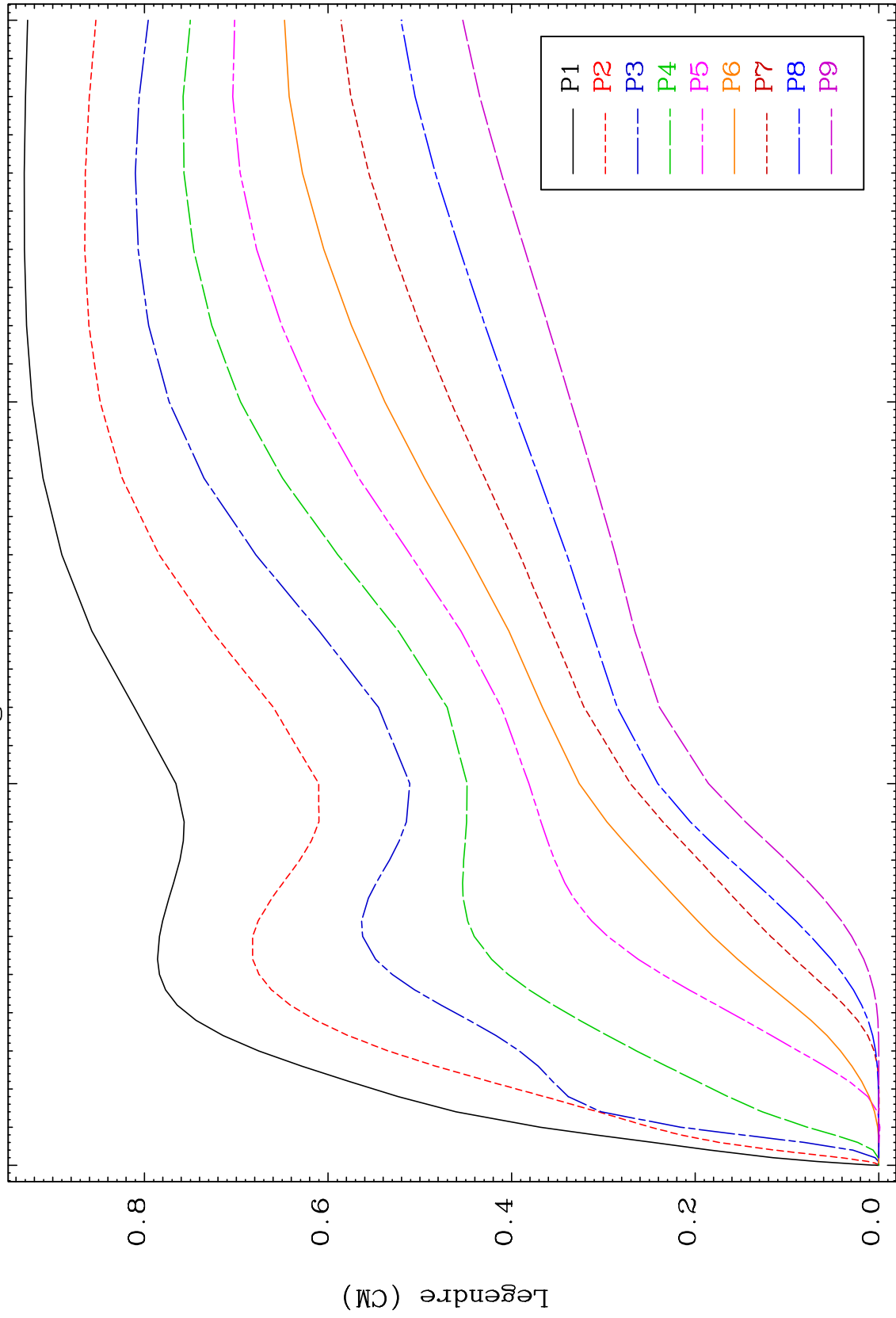
Incident Energy (MeV)

80-Hg-179

MAT 7974

Elastic Legendre Coefficients

80-Hg-179



16

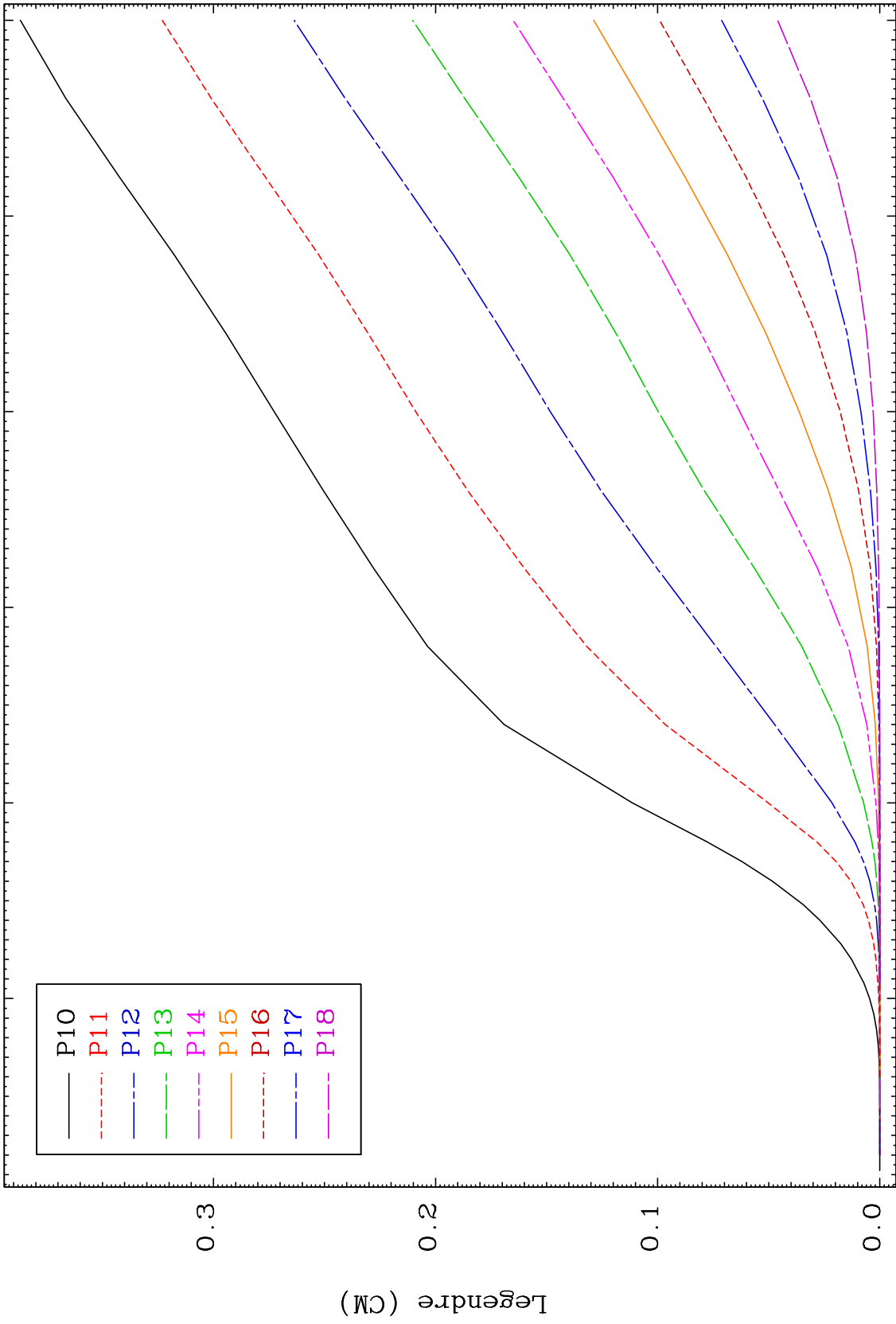
Incident Energy (MeV)

80-Hg-179

MAT 7974

Elastic Legendre Coefficients

80-Hg-179



17

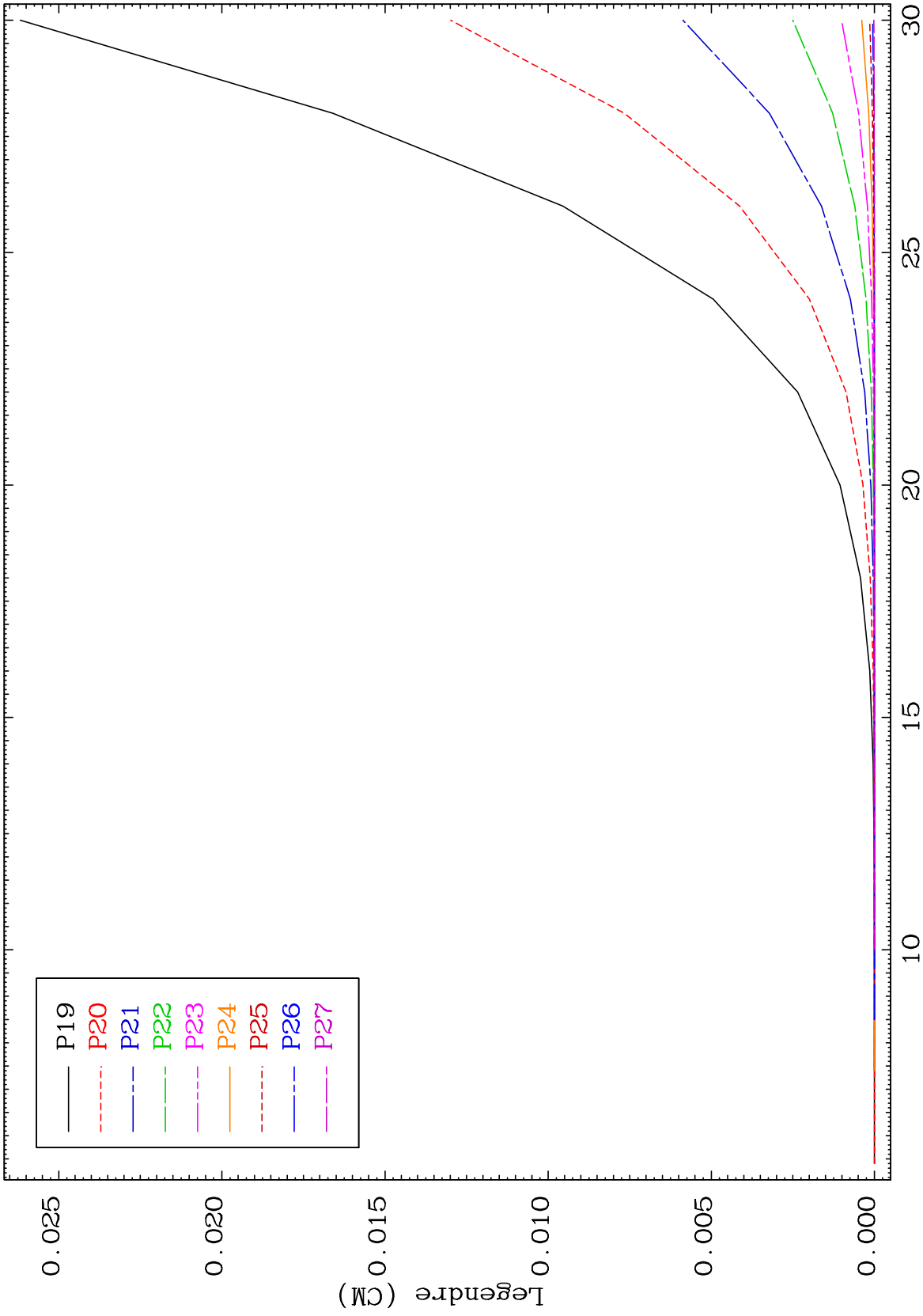
Incident Energy (MeV)

80-Hg-179

MAT 7974

Elastic Legendre Coefficients

80-Hg-179



18

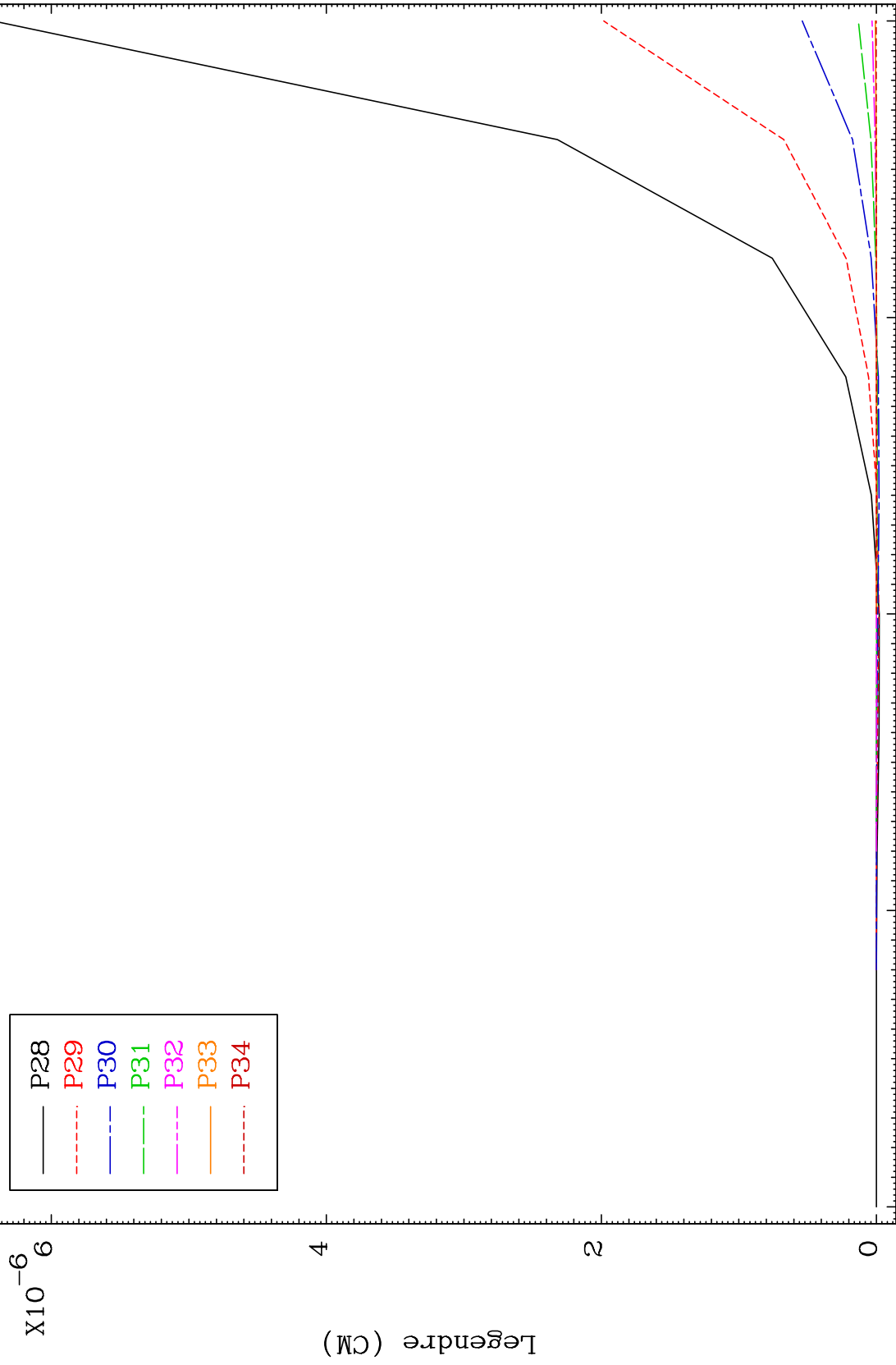
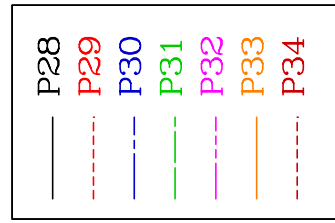
Incident Energy (MeV)

80-Hg-179

MAT 7974

Elastic Legendre Coefficients

80-Hg-179

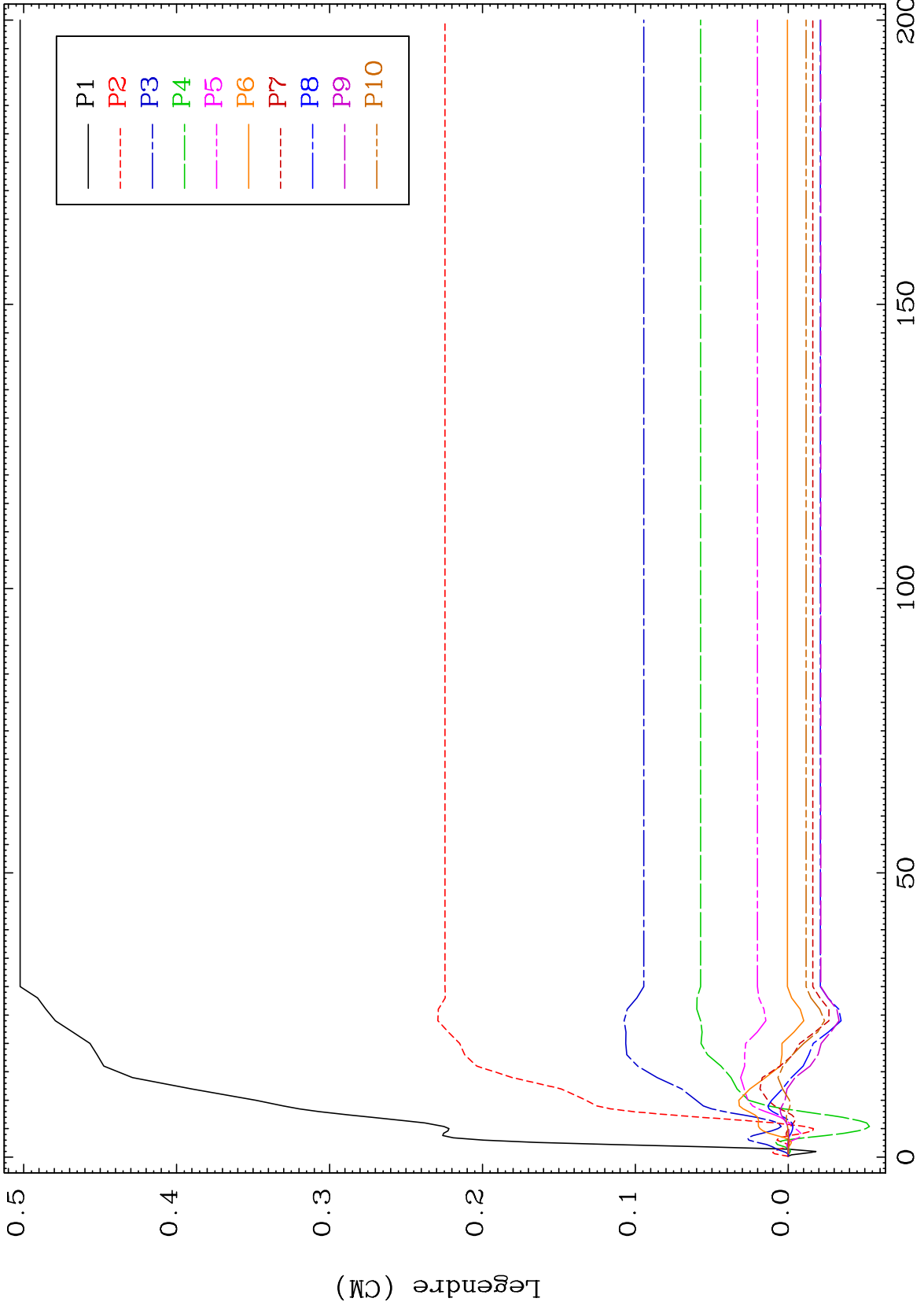


19

Incident Energy (MeV)

80-Hg-179

MAT 7974 MT= 51 (n,n') Level Legendre Coefficients 80-Hg-179

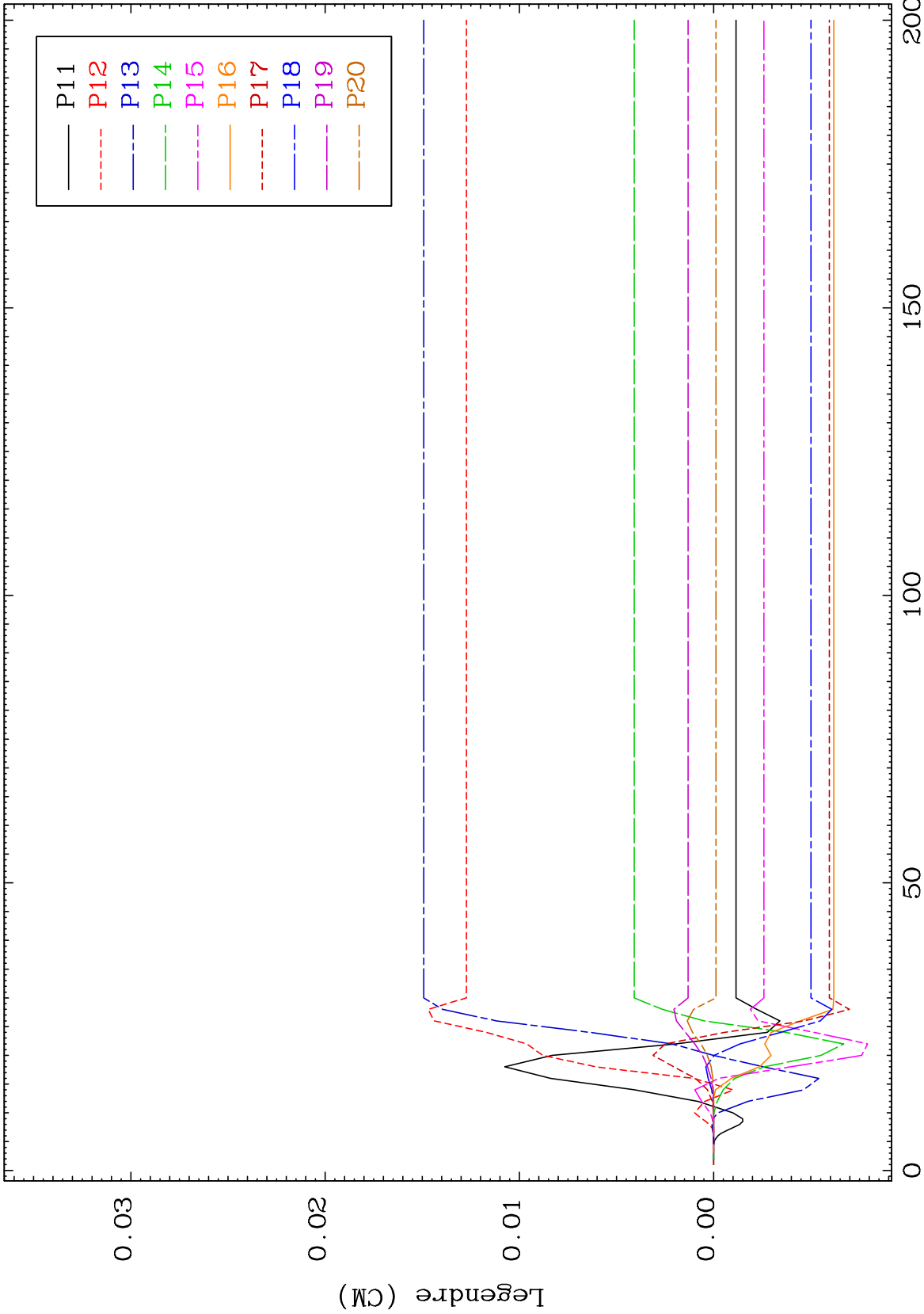


80-Hg-179

MAT 7974

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

80-Hg-179



21

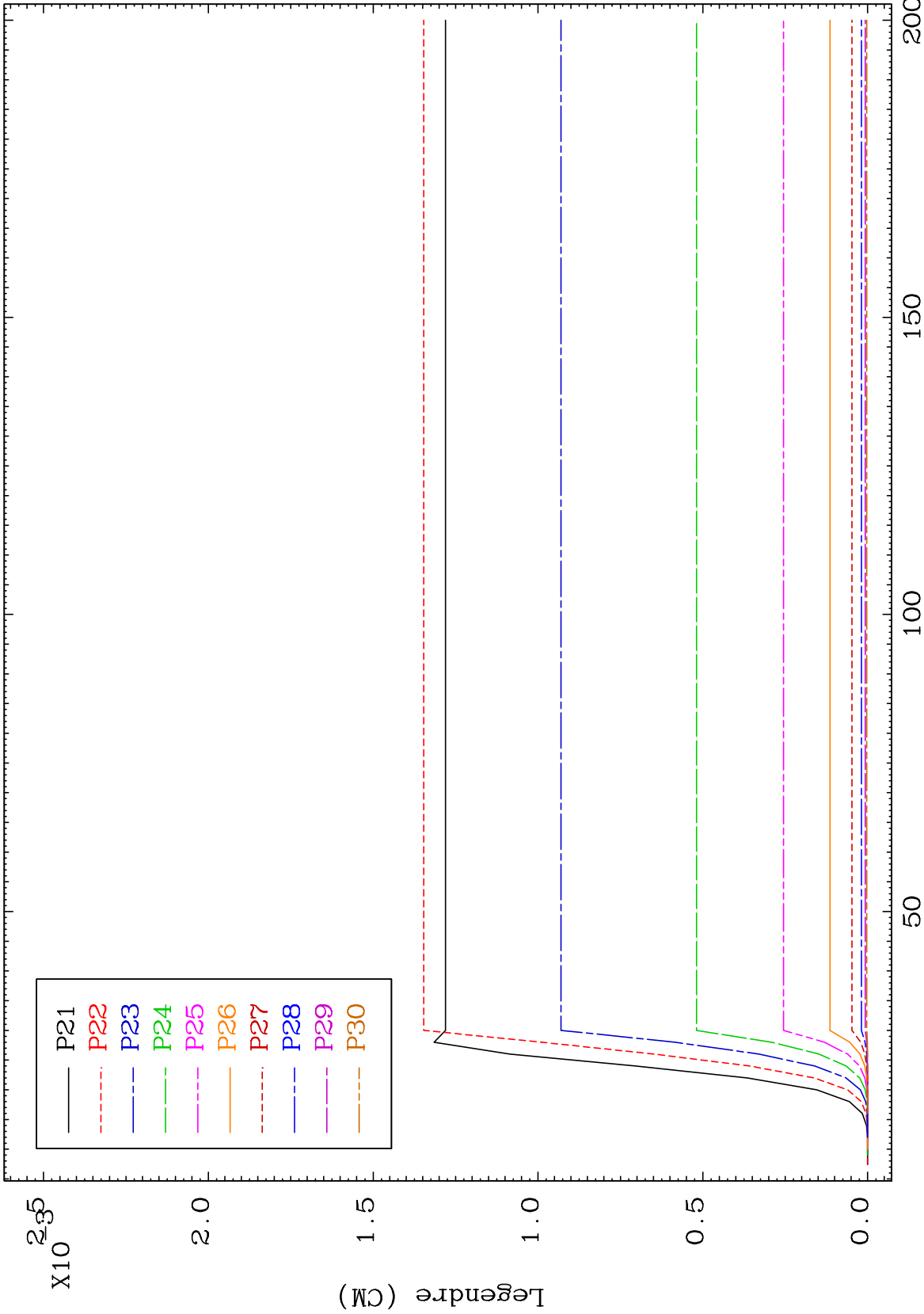
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



22

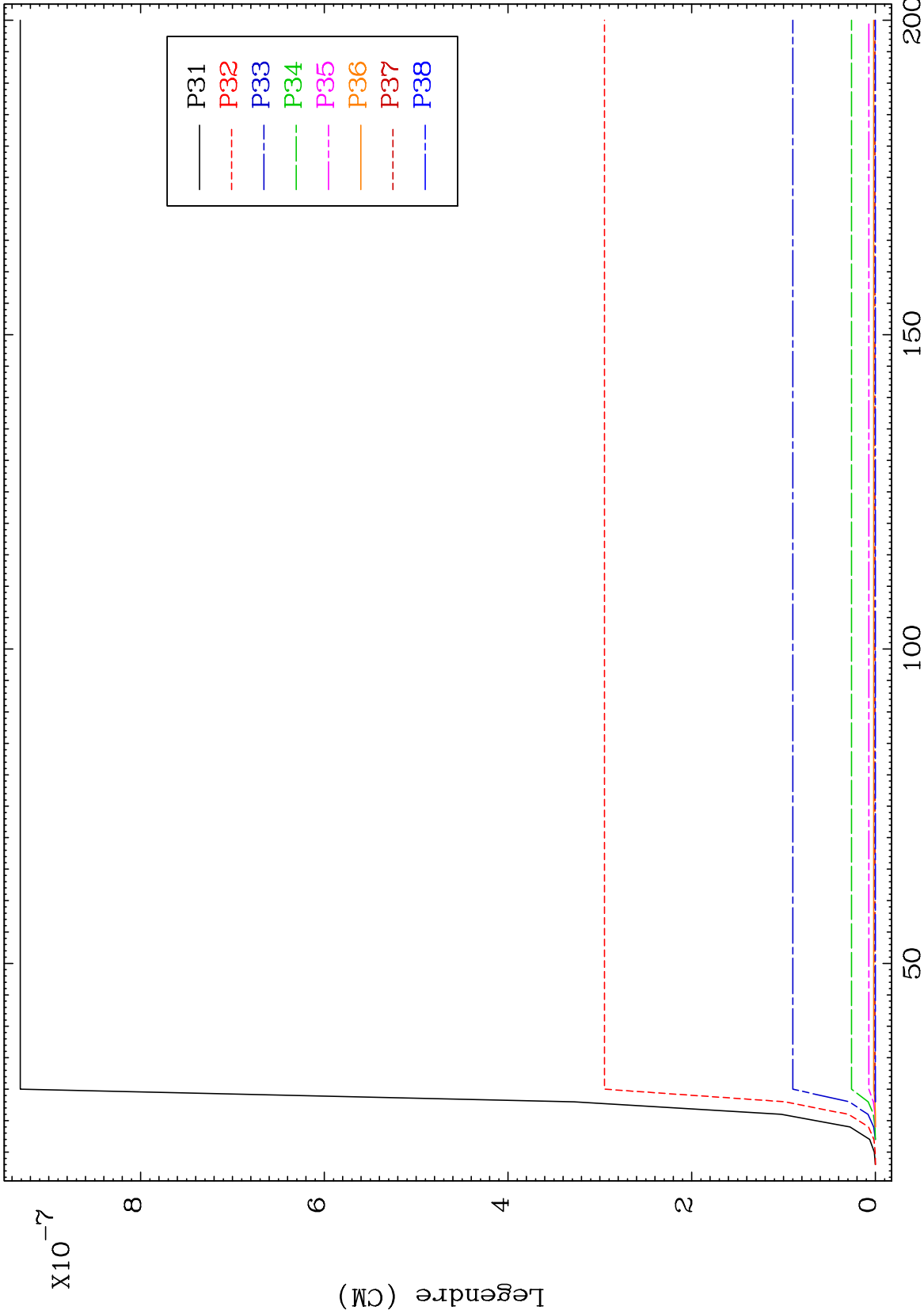
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



23

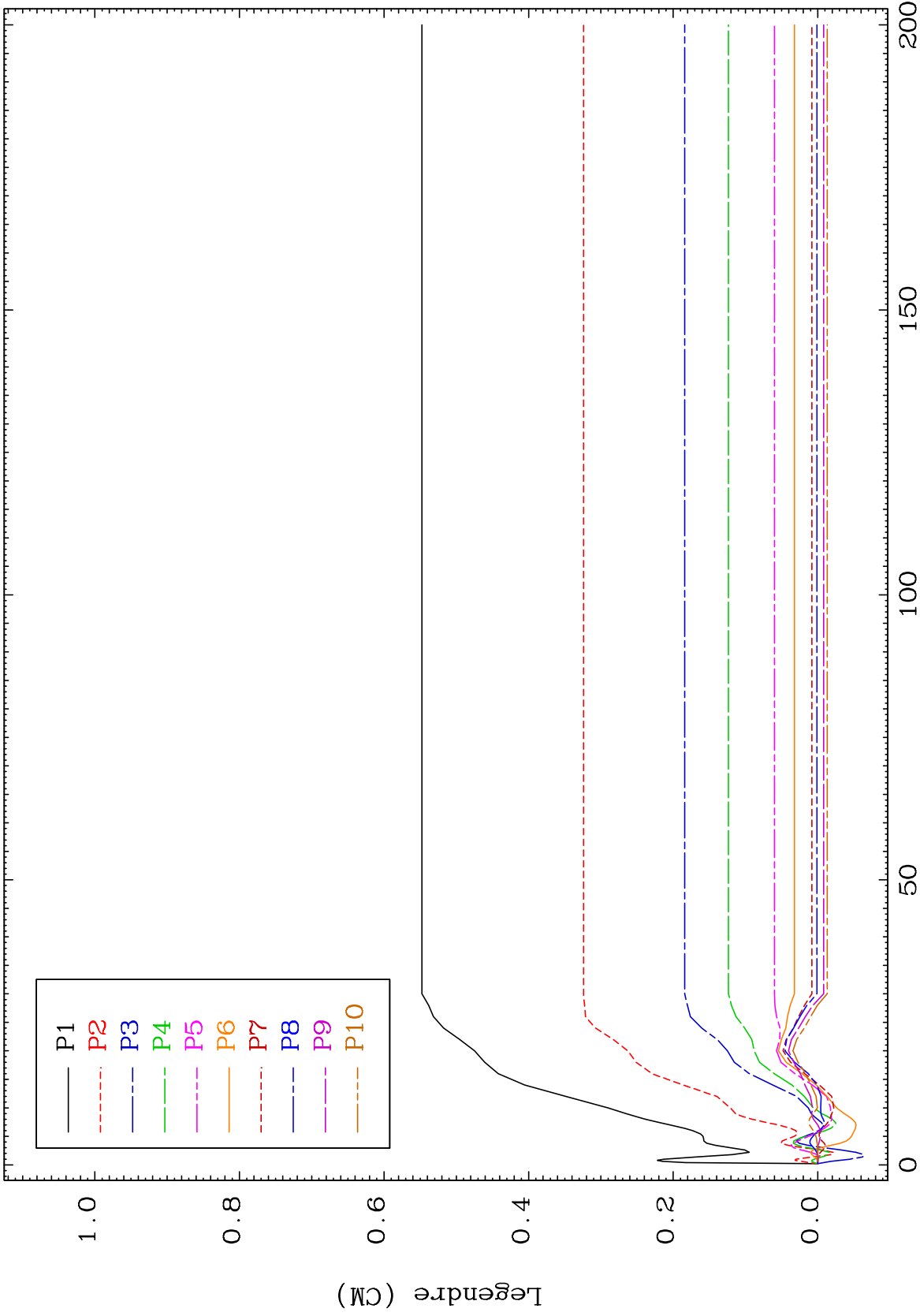
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



24

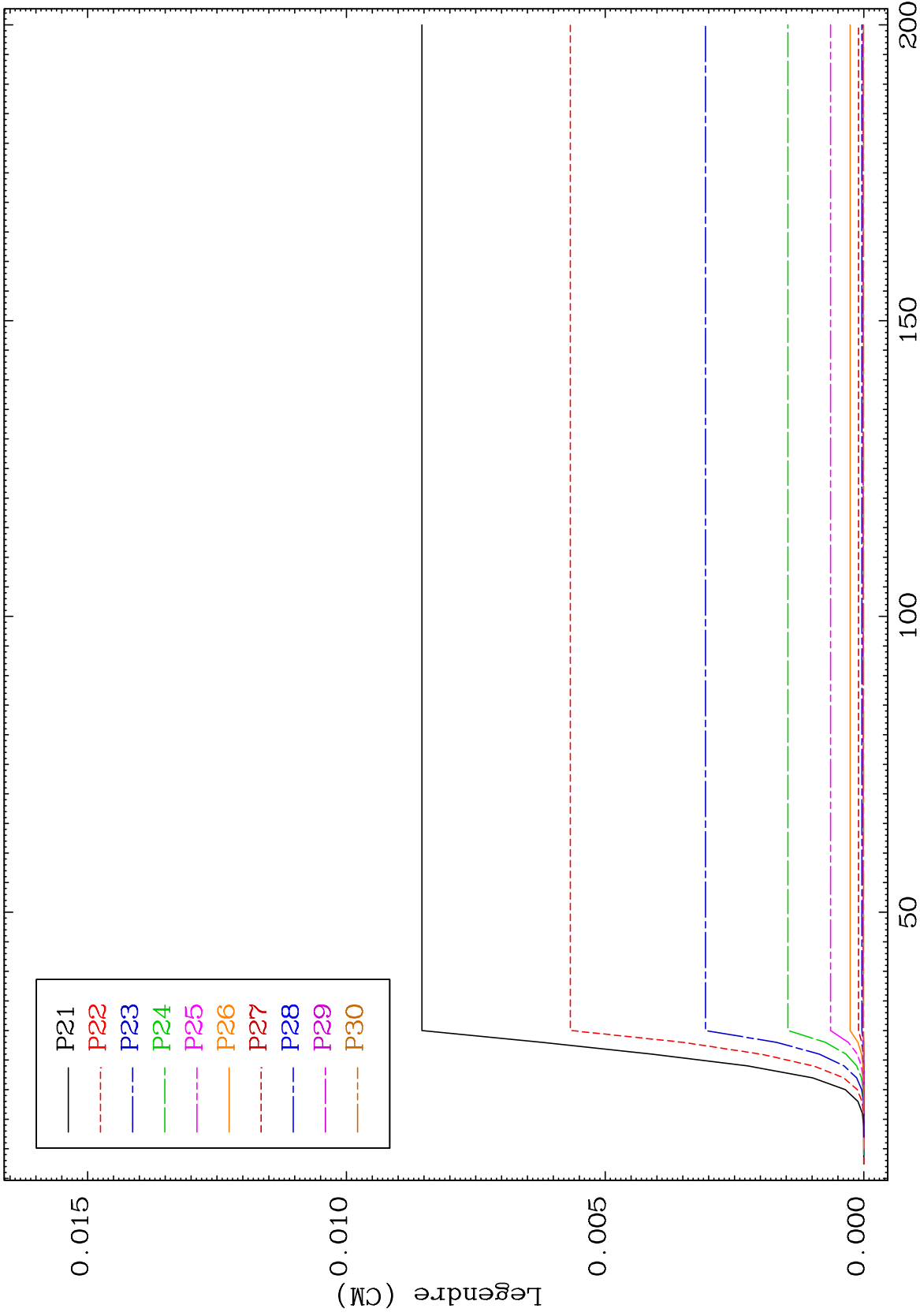
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



26

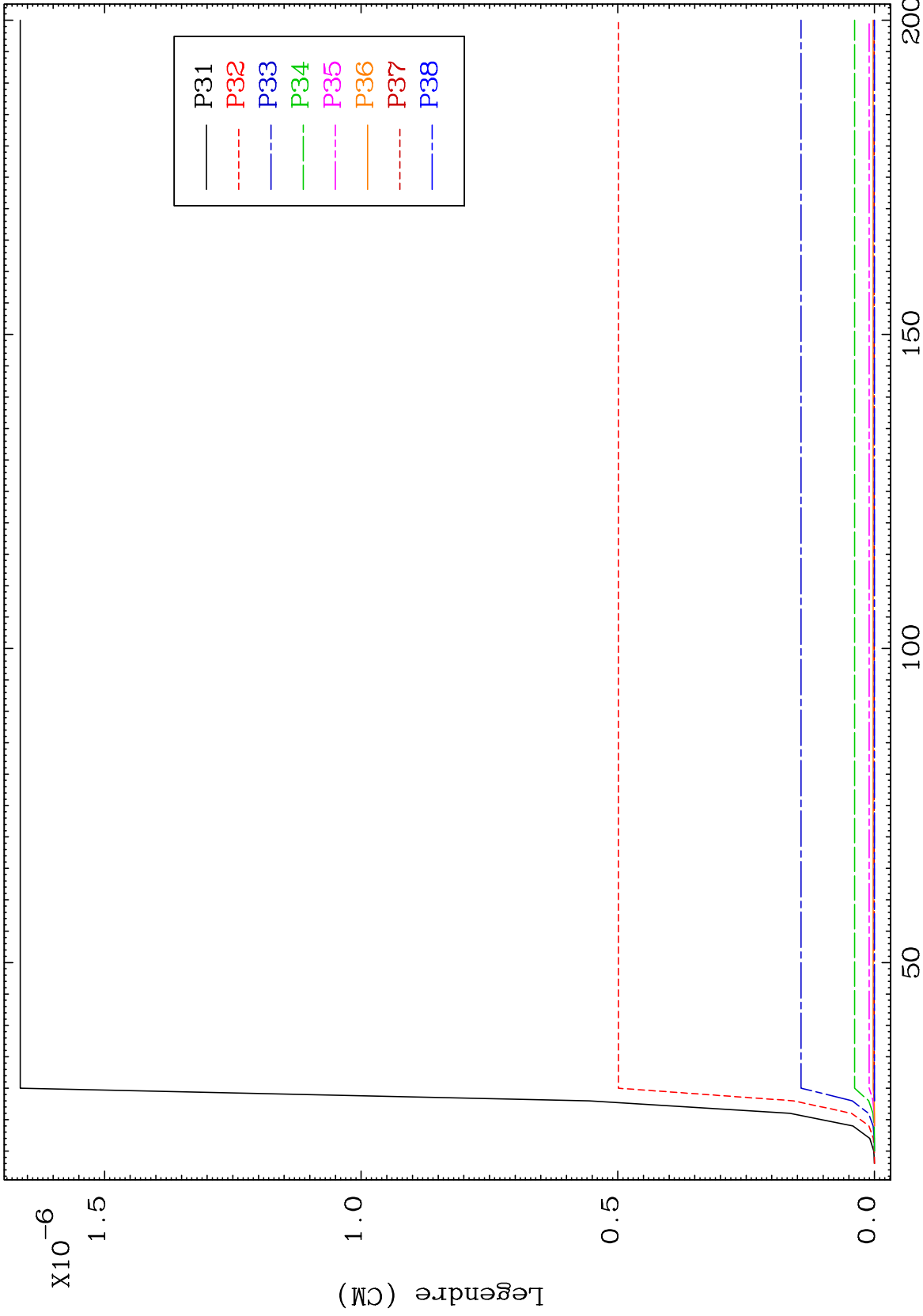
Incident Energy (MeV)

80-Hg-179

MAT 7974

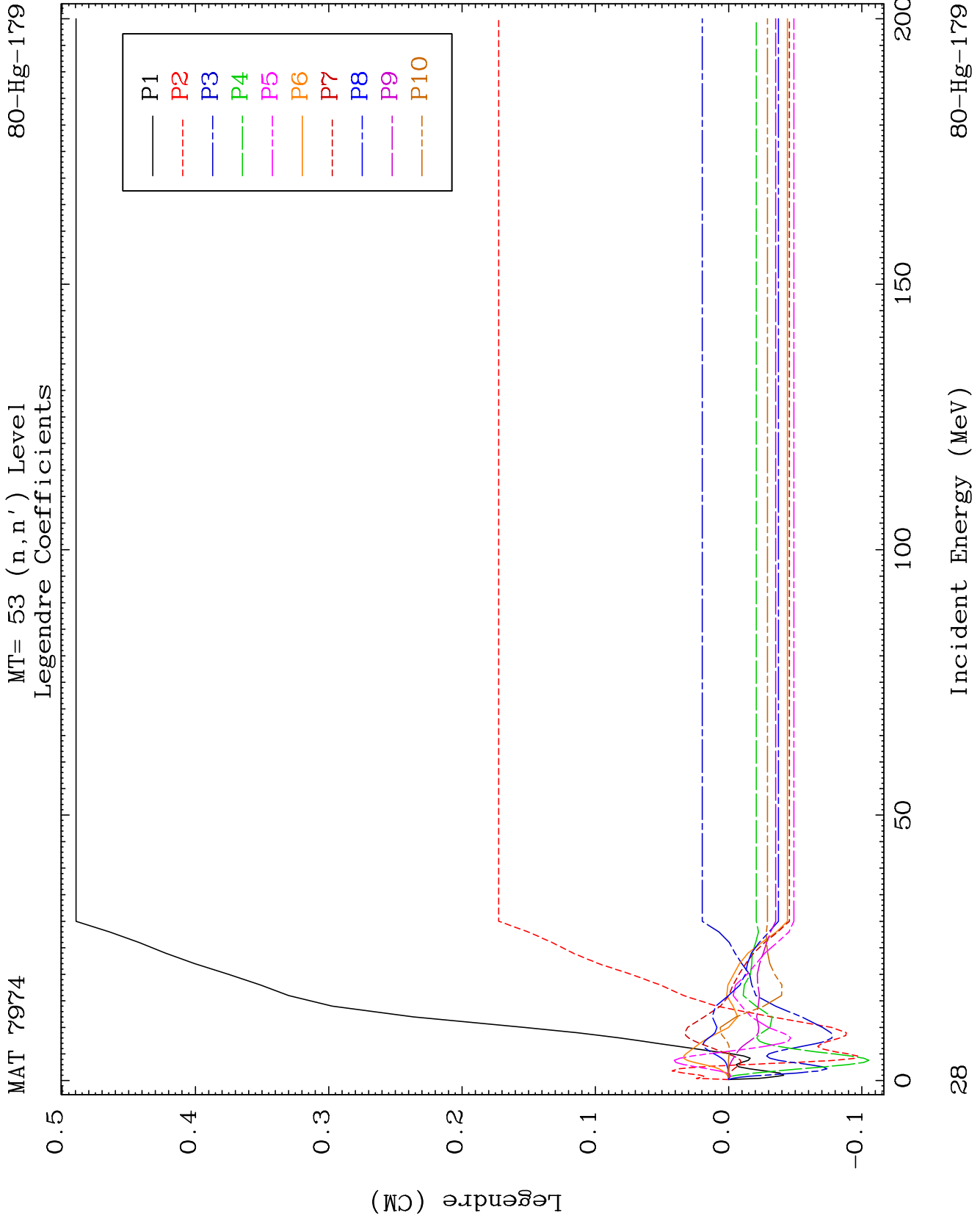
MT= 52 (n,n') Level
Legendre Coefficients

80-Hg-179



27

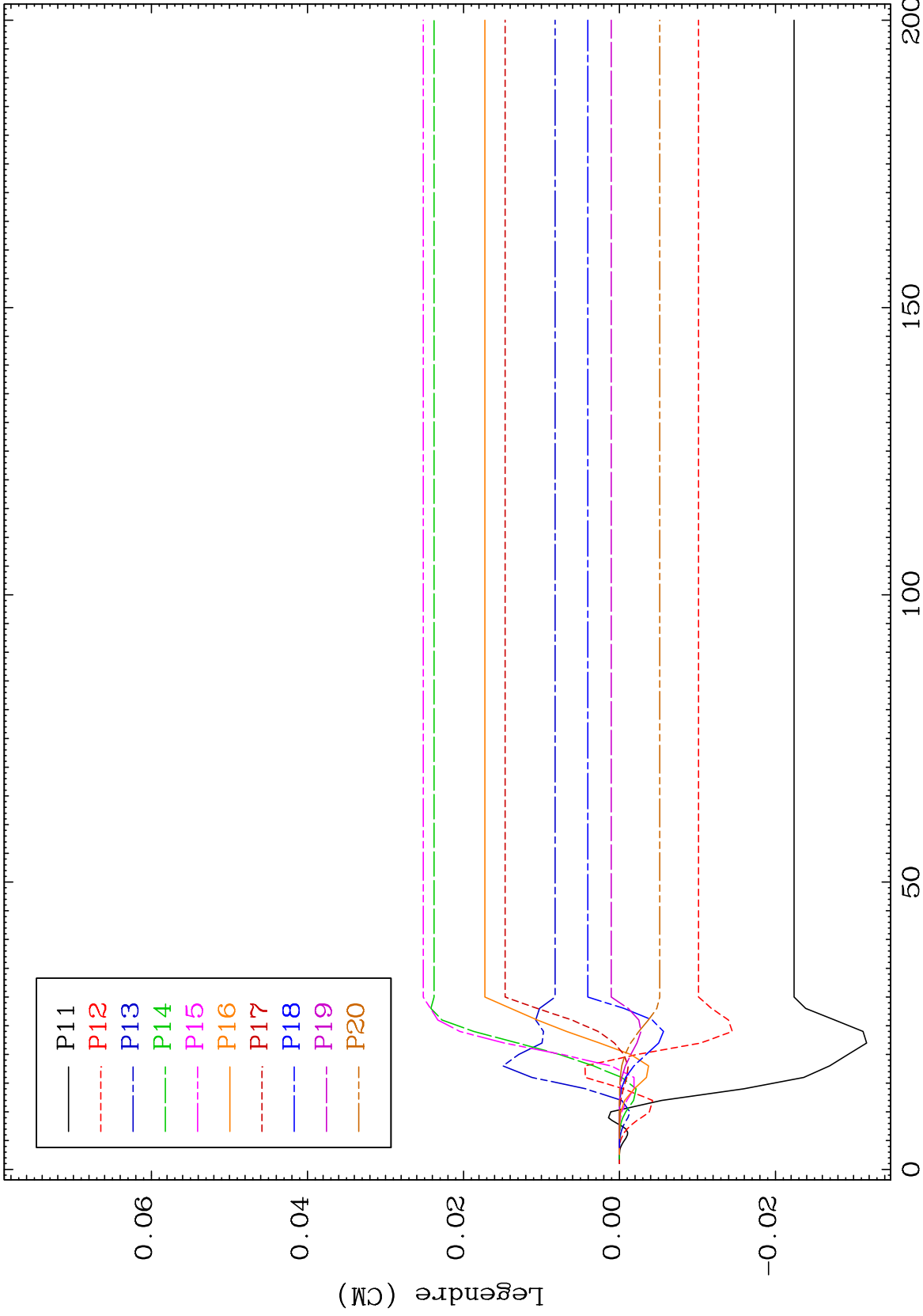
80-Hg-179



MAT 7974

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

80-Hg-179



29

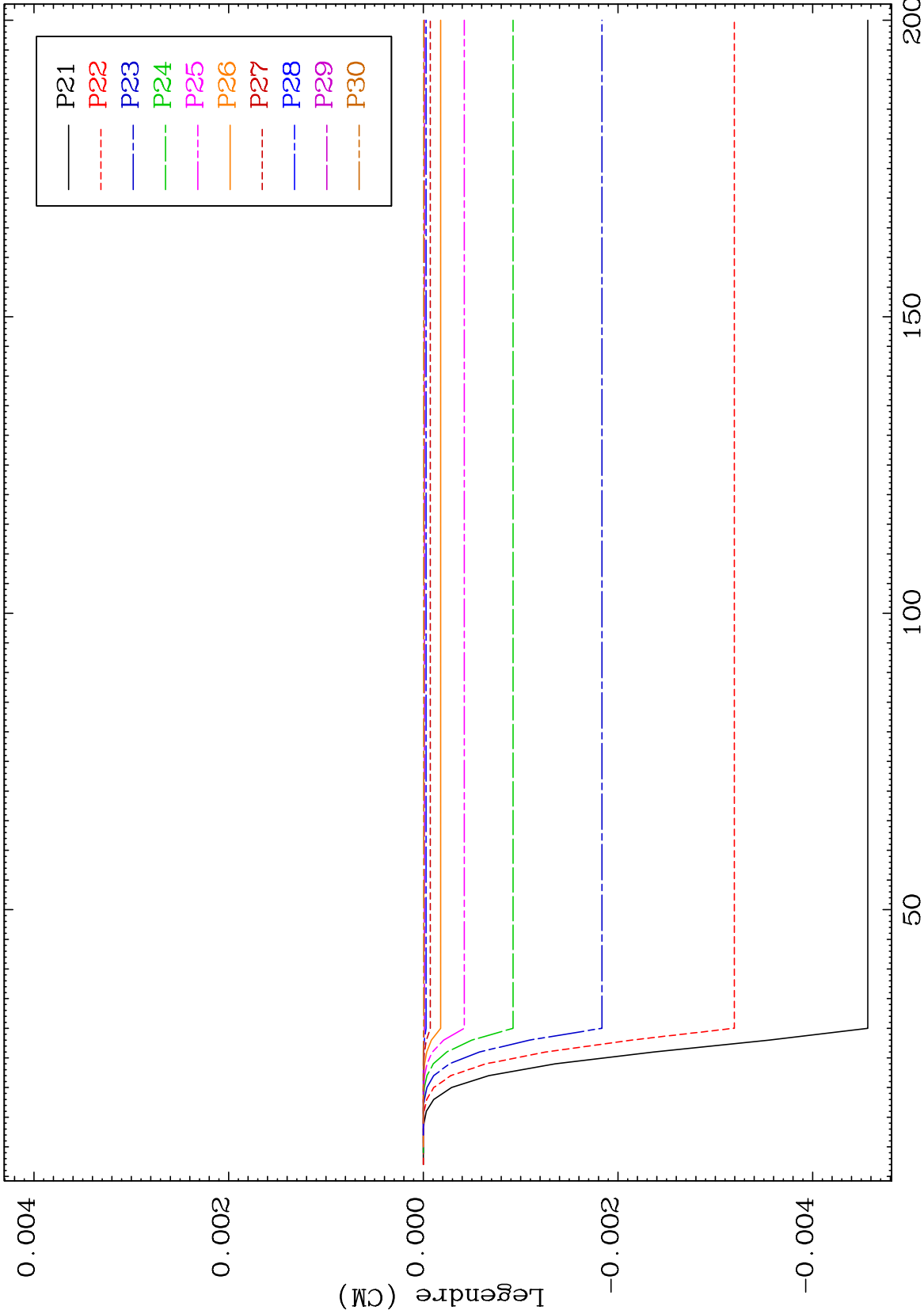
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

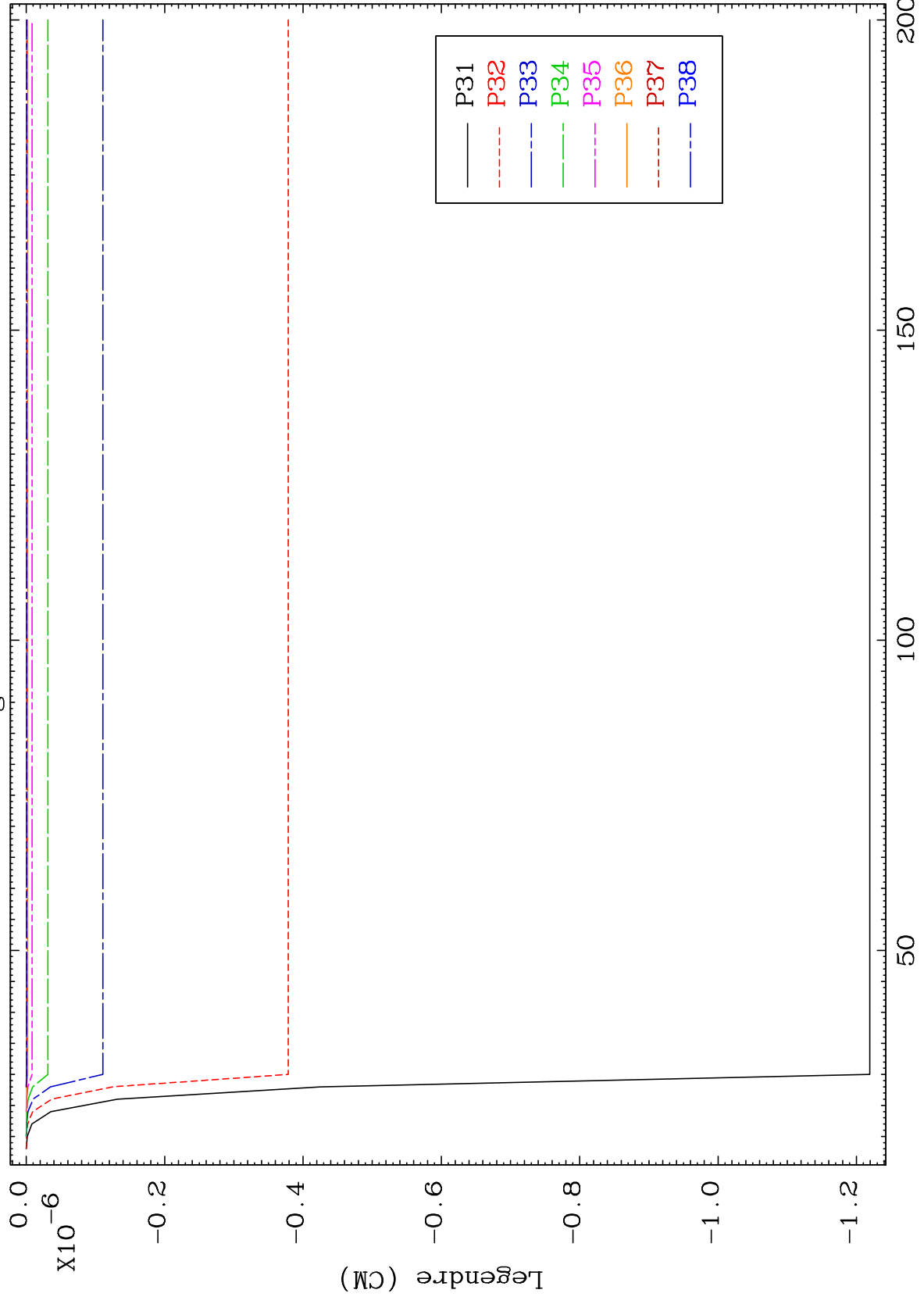
80-Hg-179



30

Incident Energy (MeV)

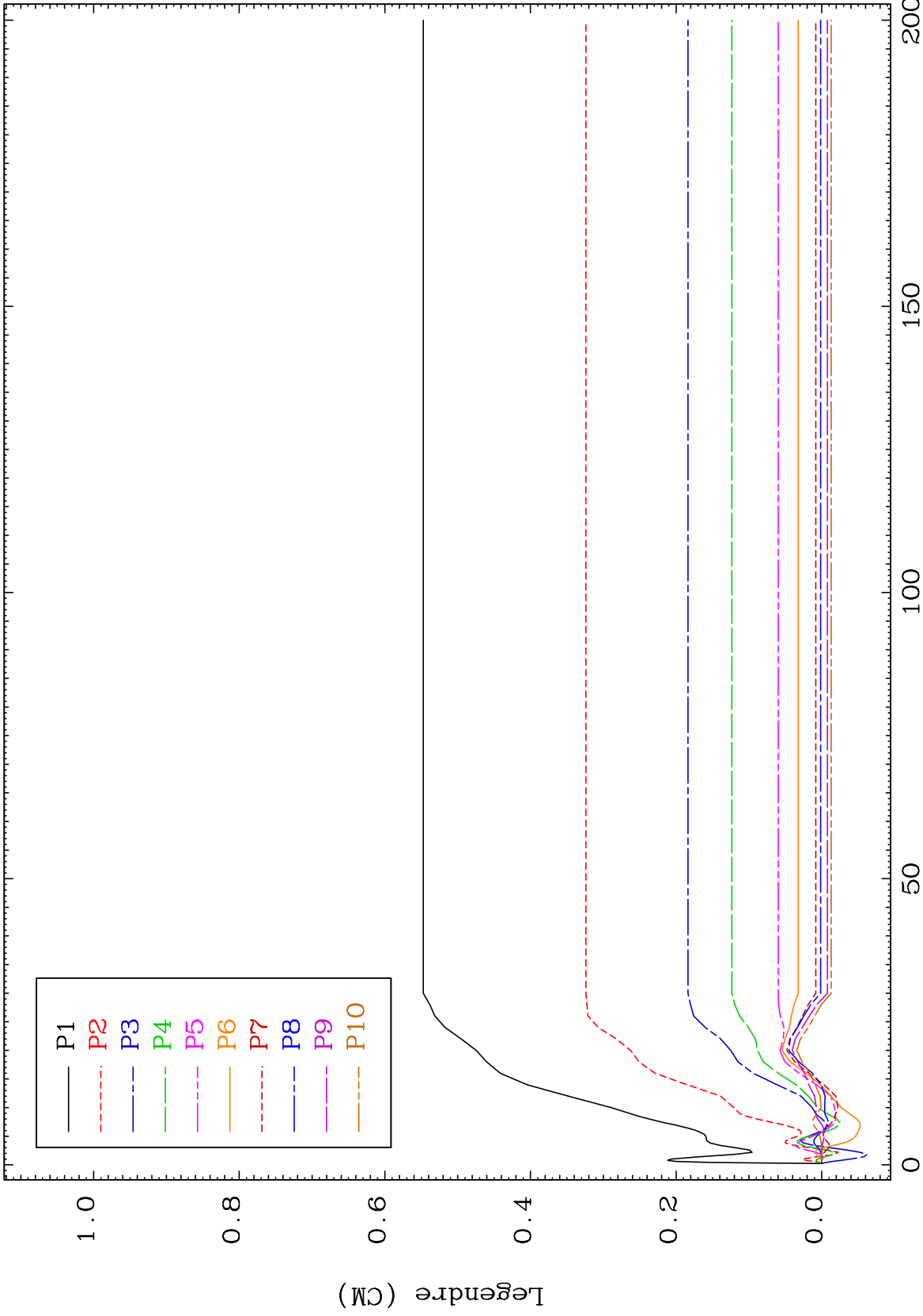
80-Hg-179



MAT 7974

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

80-Hg-179



32

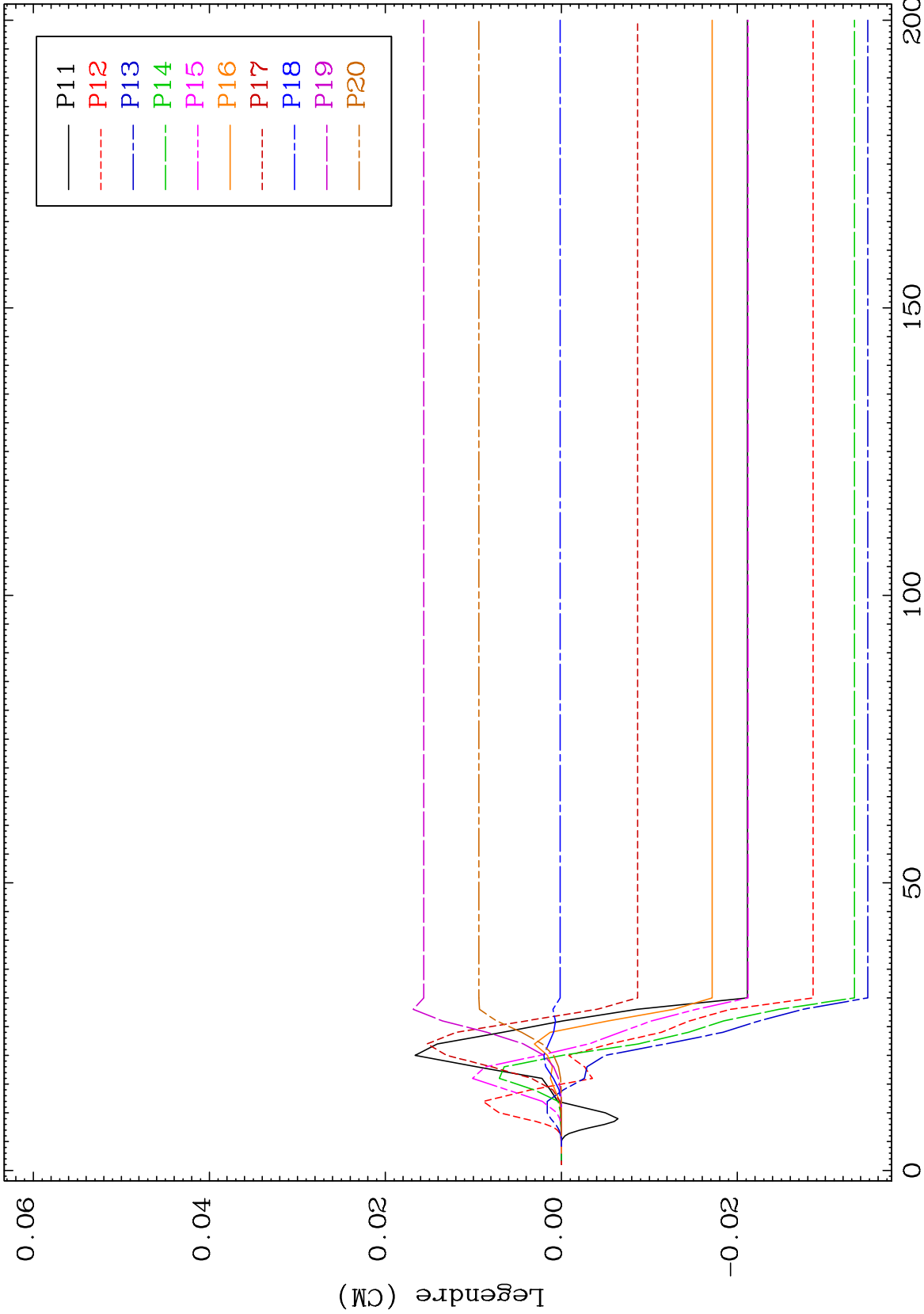
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



33

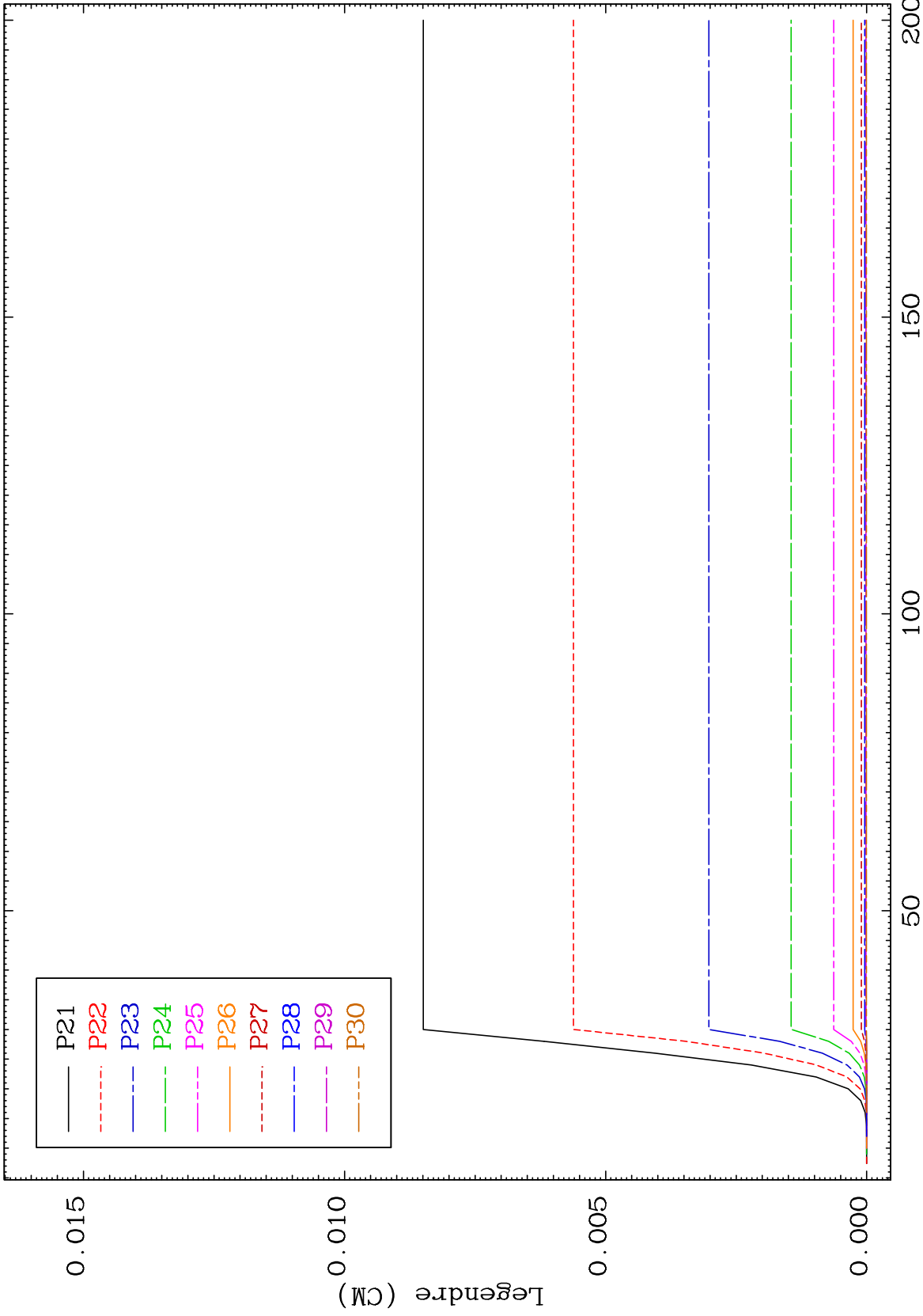
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



34

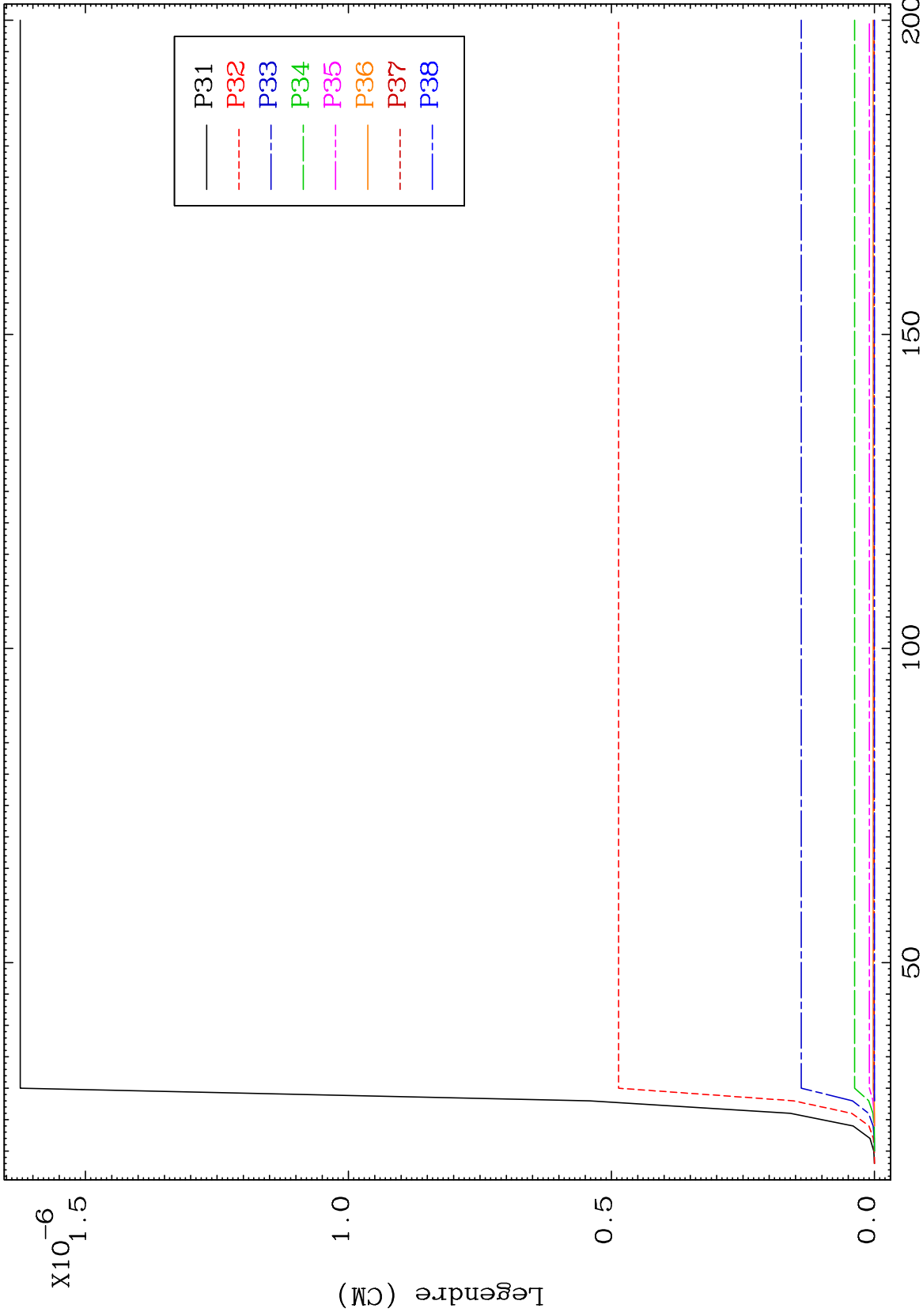
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



35

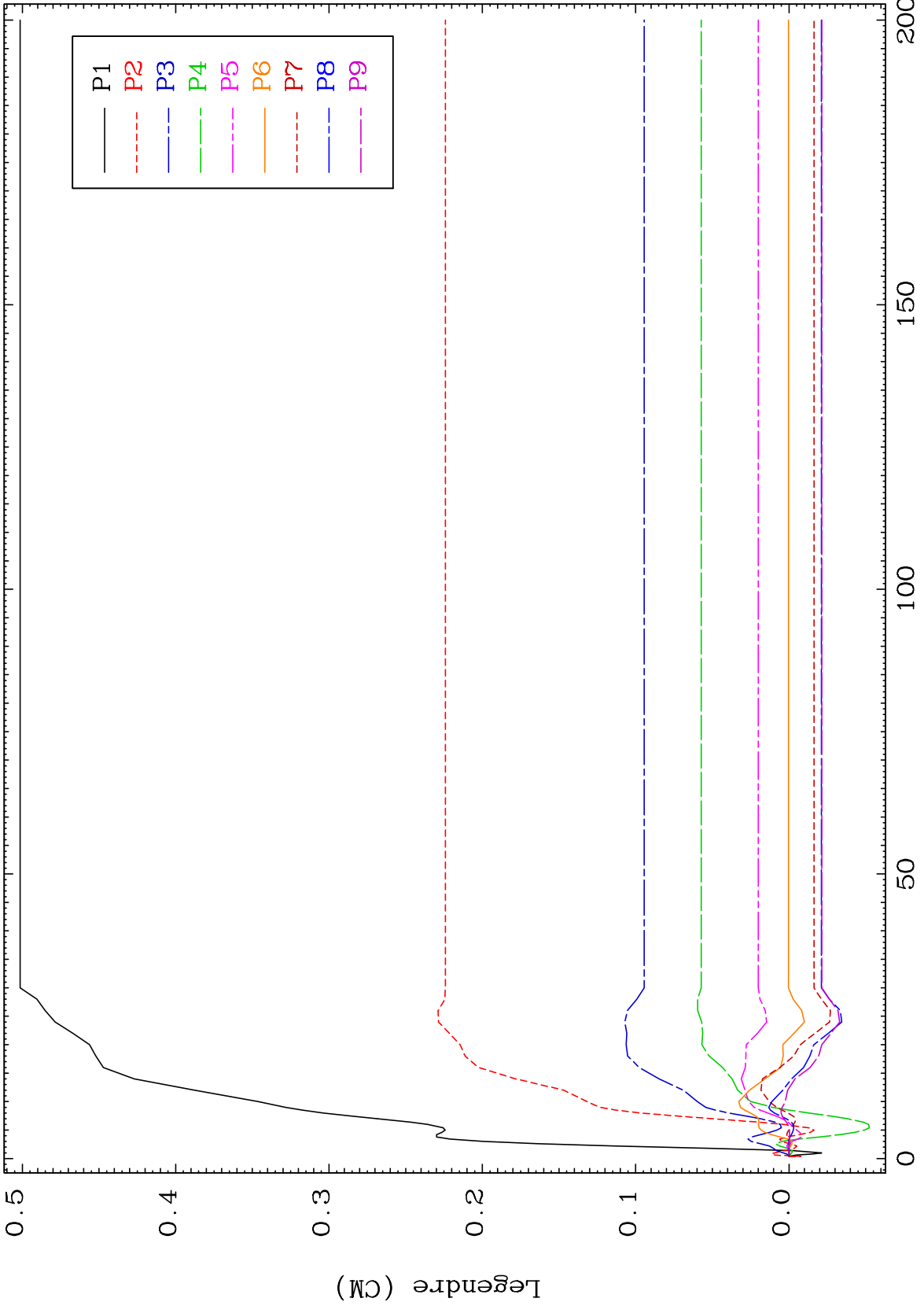
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



80-Hg-179

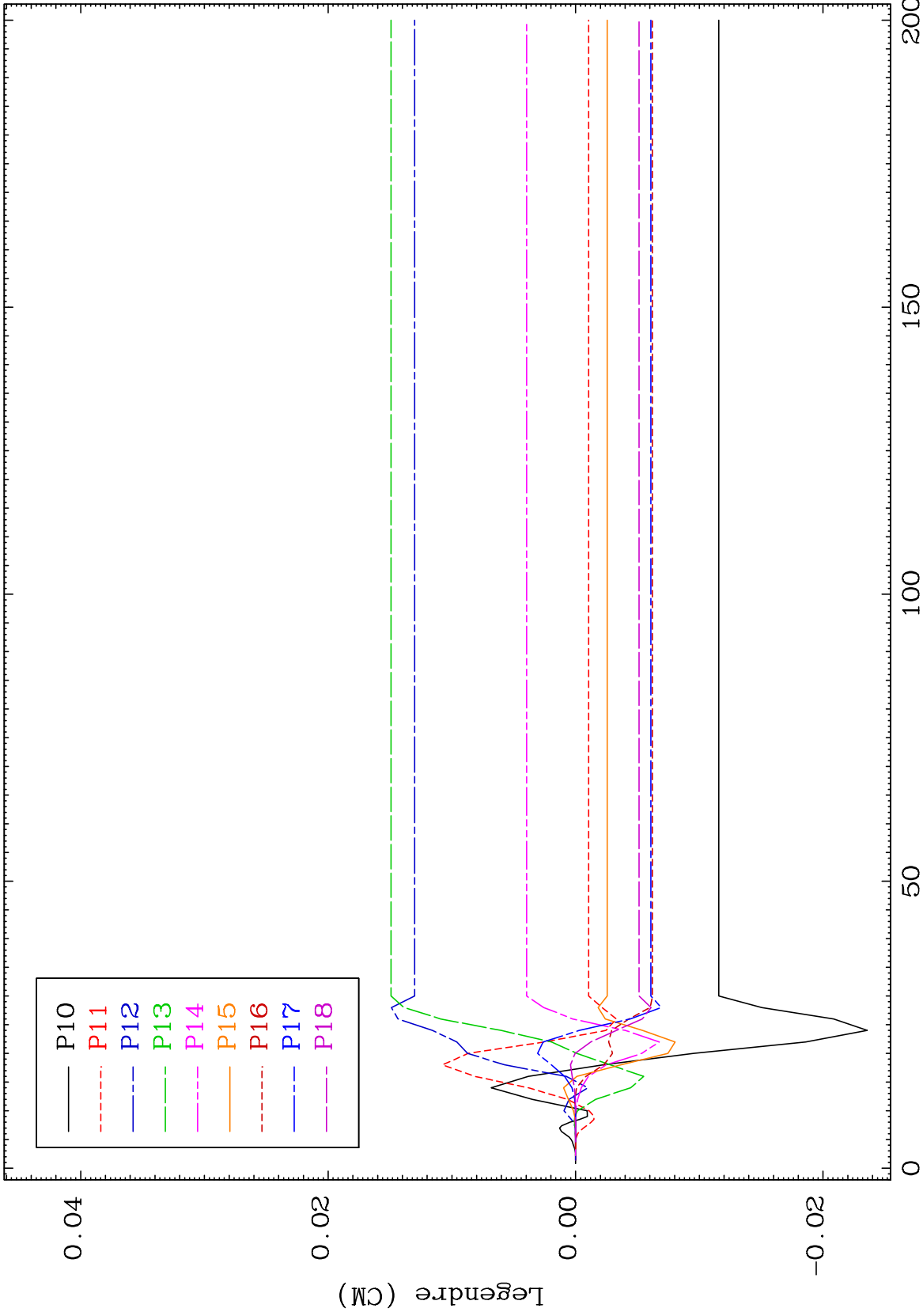
Incident Energy (MeV)

36

MAT 7974

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

80-Hg-179



37

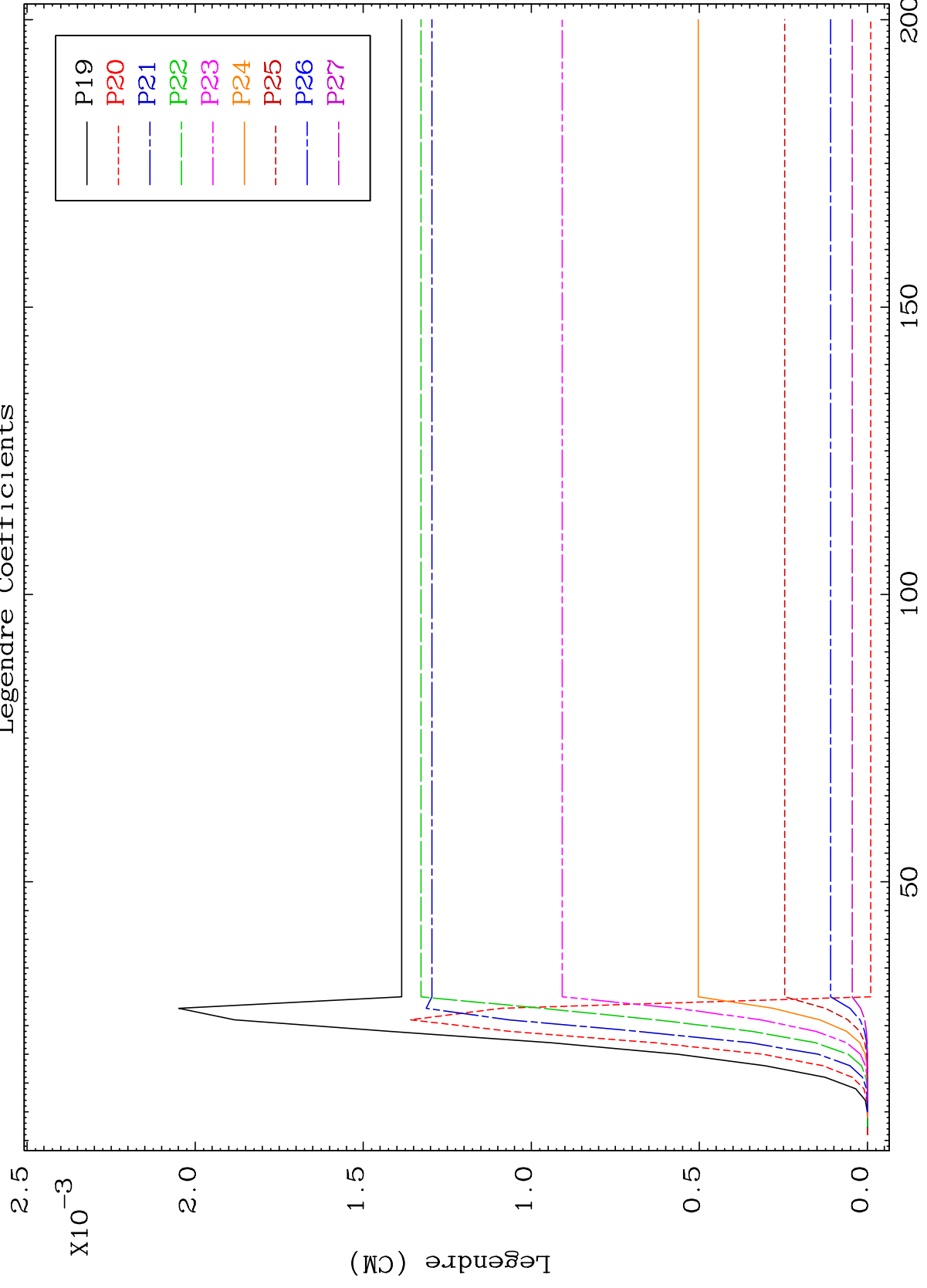
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



80-Hg-179

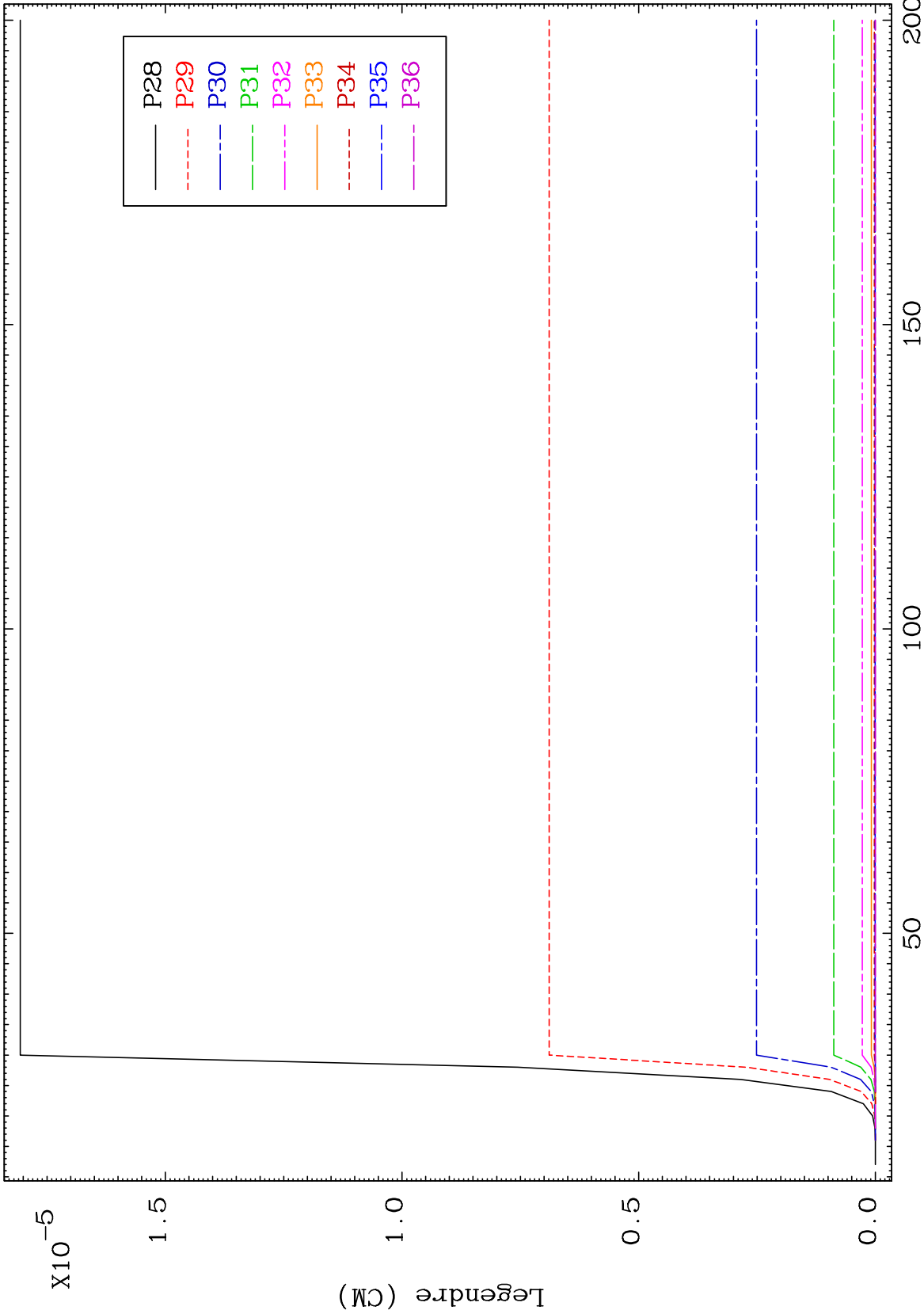
Incident Energy (MeV)

38

MAT 7974

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

80-Hg-179



39

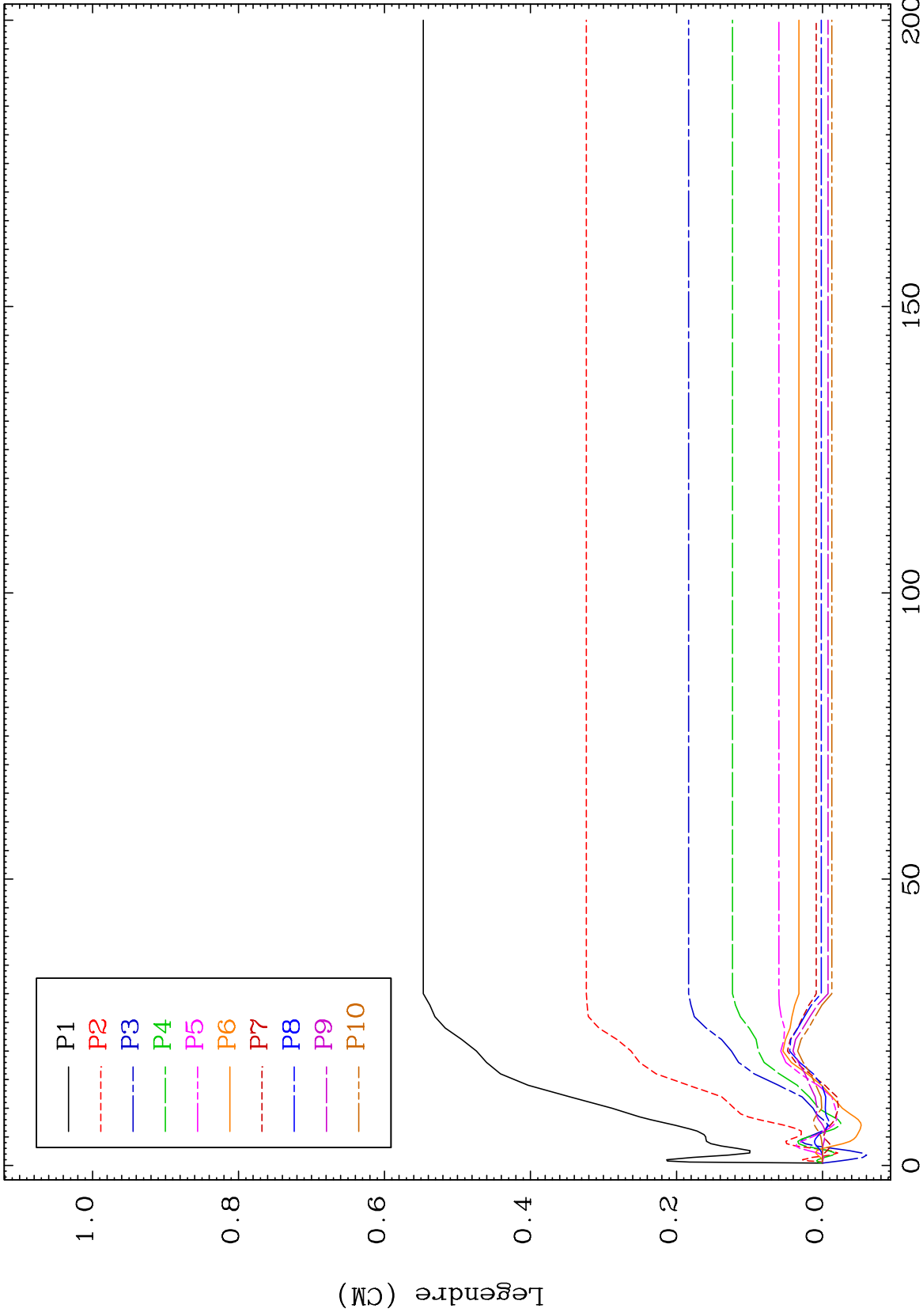
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



80-Hg-179

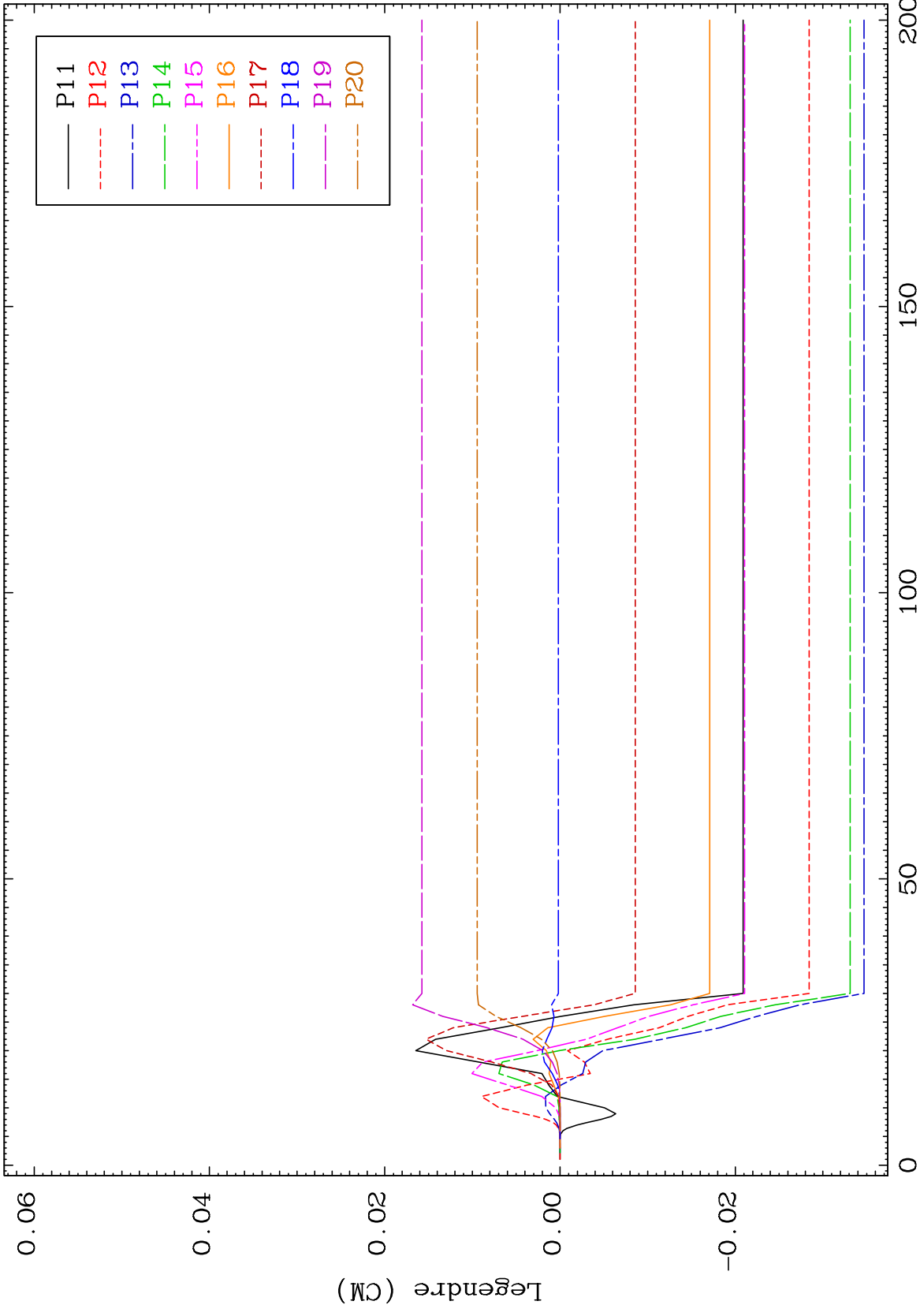
Incident Energy (MeV)

40

MAT 7974

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

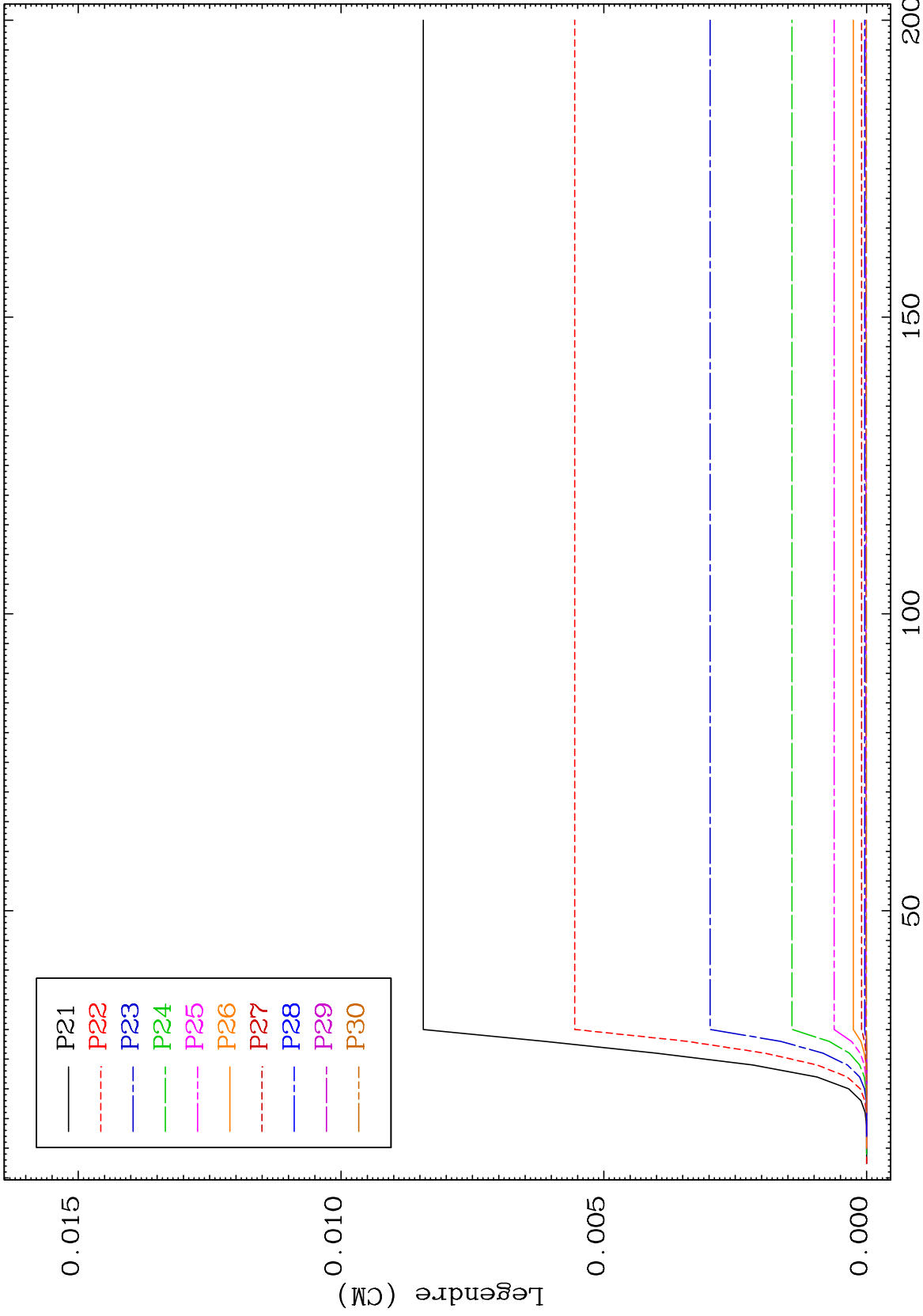
80-Hg-179



MAT 7974

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

80-Hg-179



42

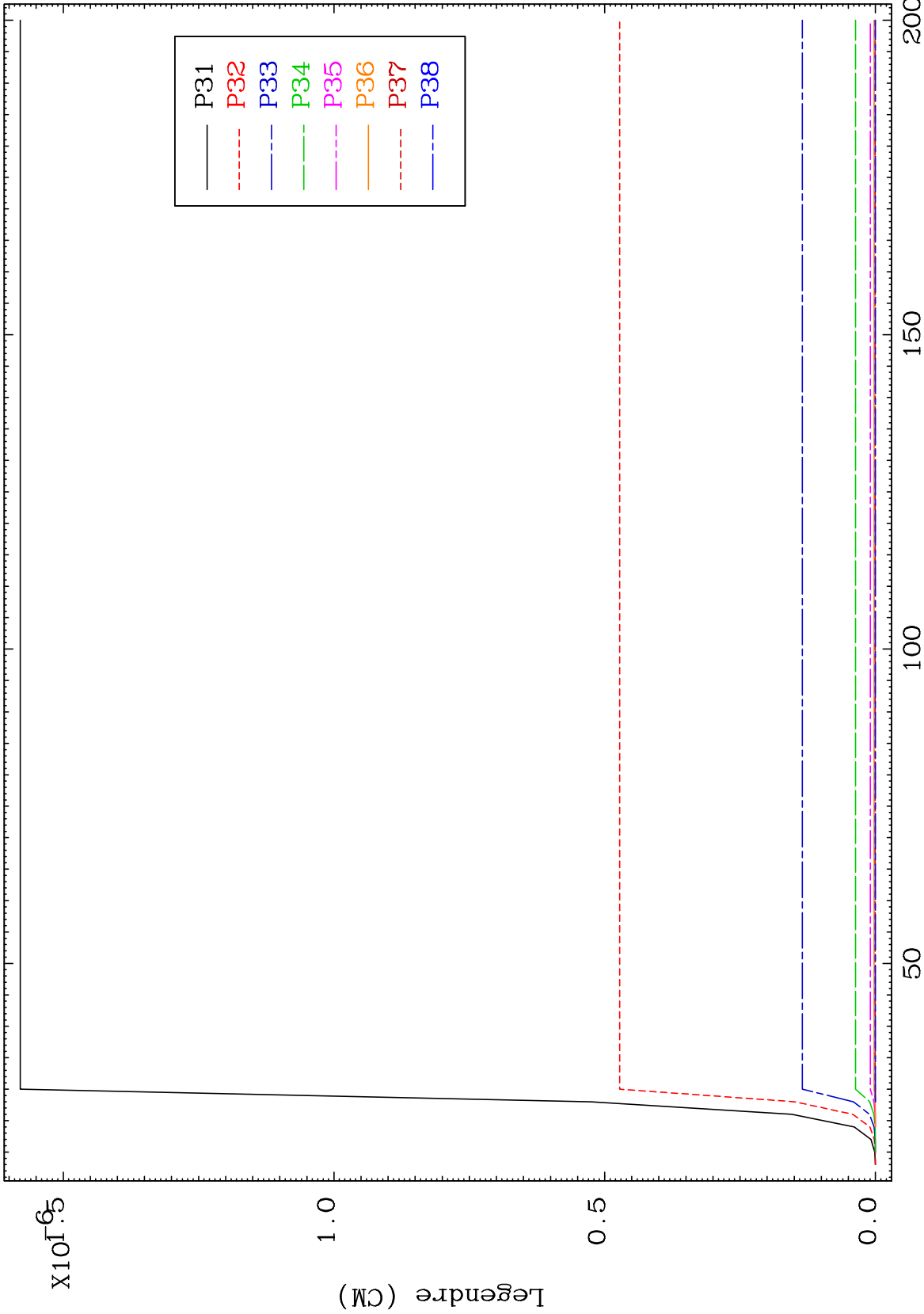
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



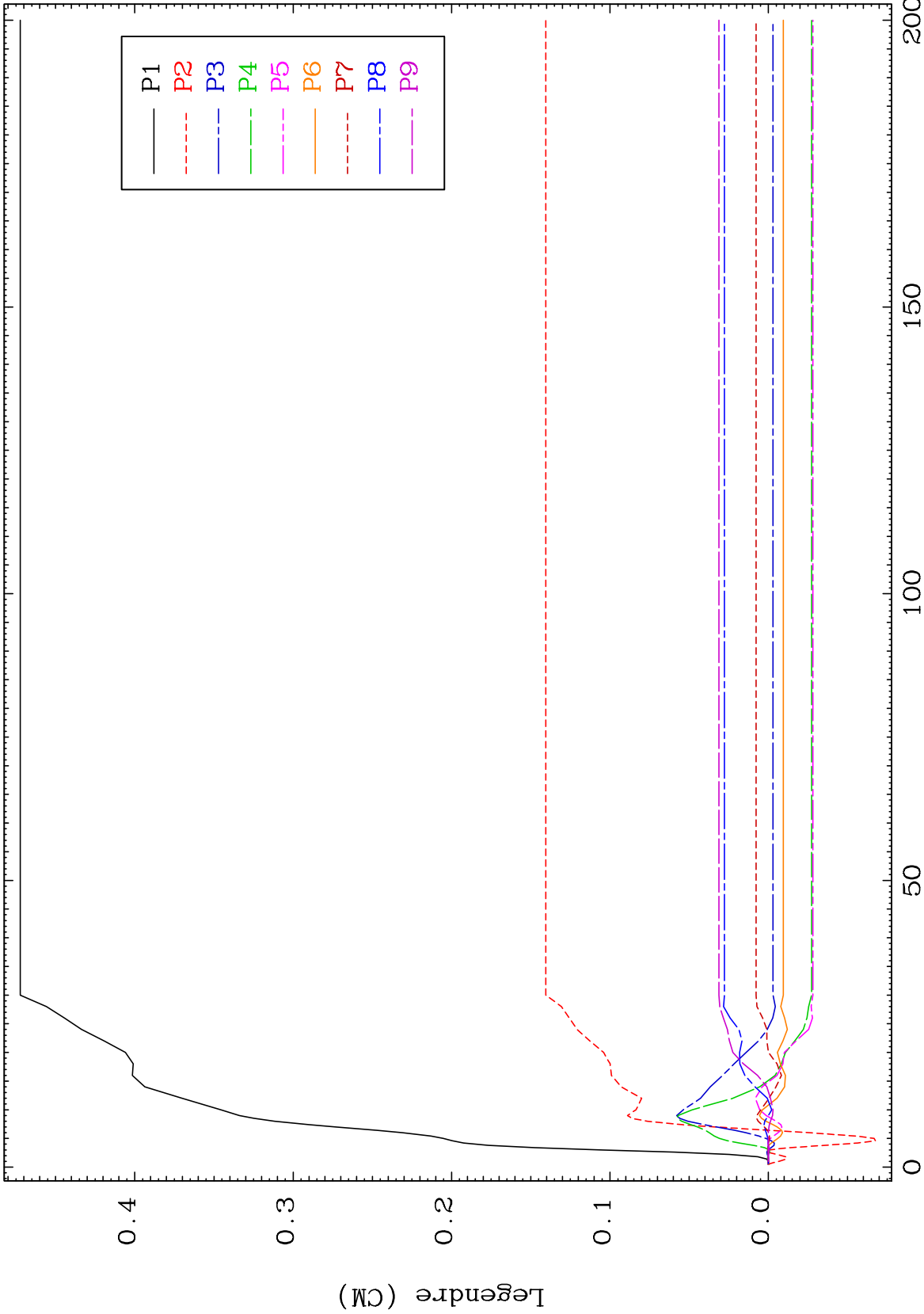
43

80-Hg-179

MAT 7974

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

80-Hg-179



44

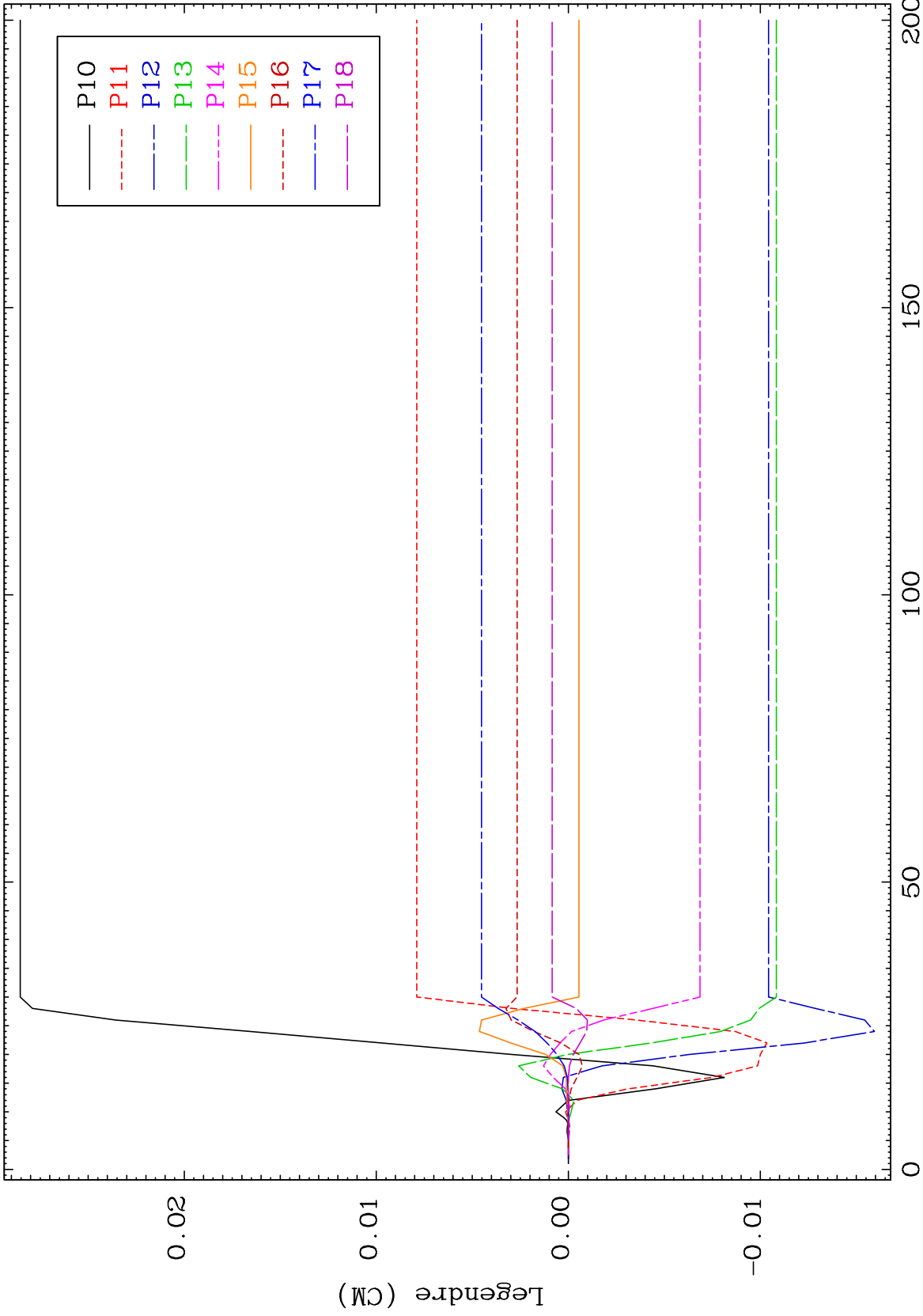
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



45

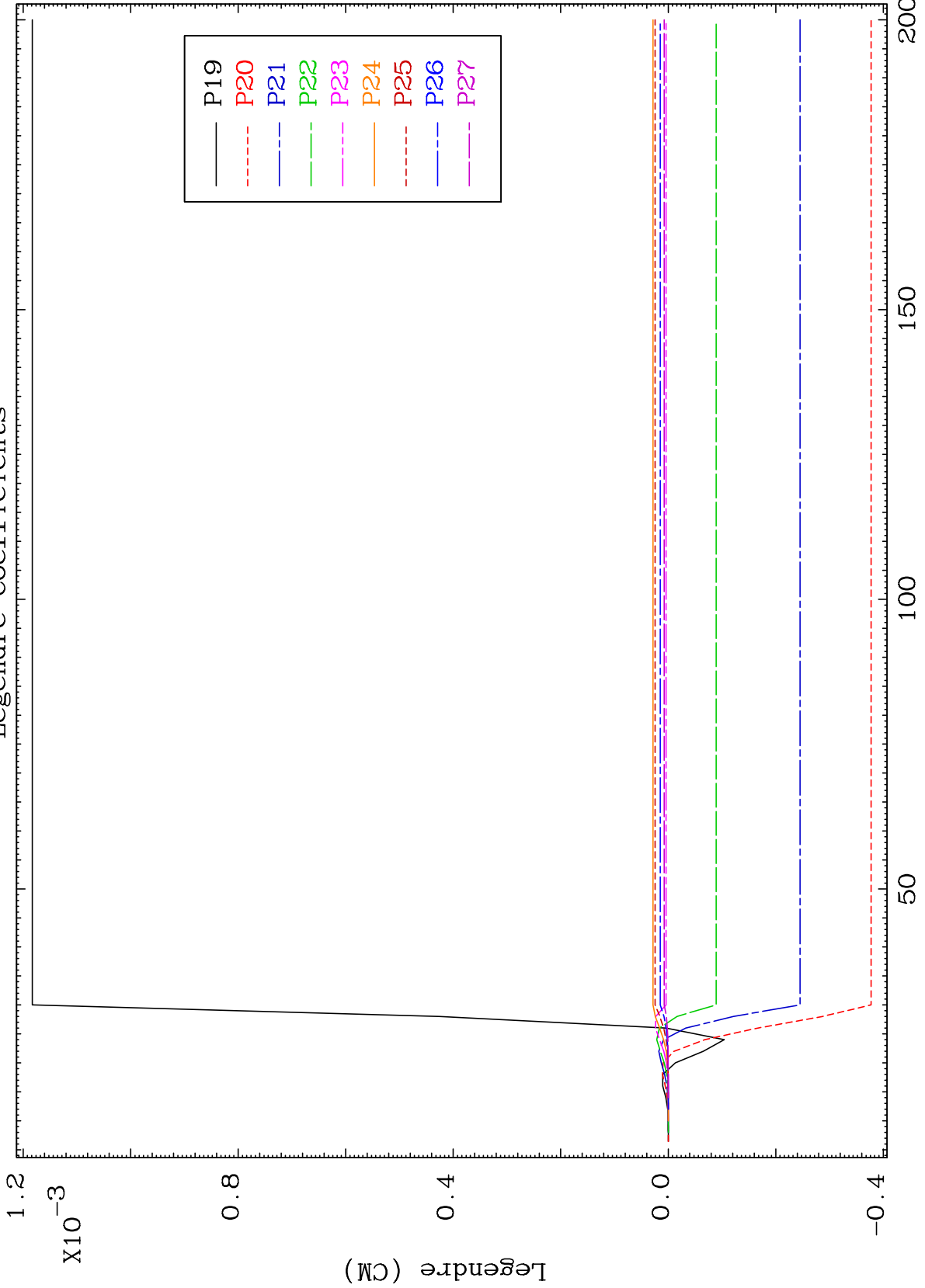
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



46

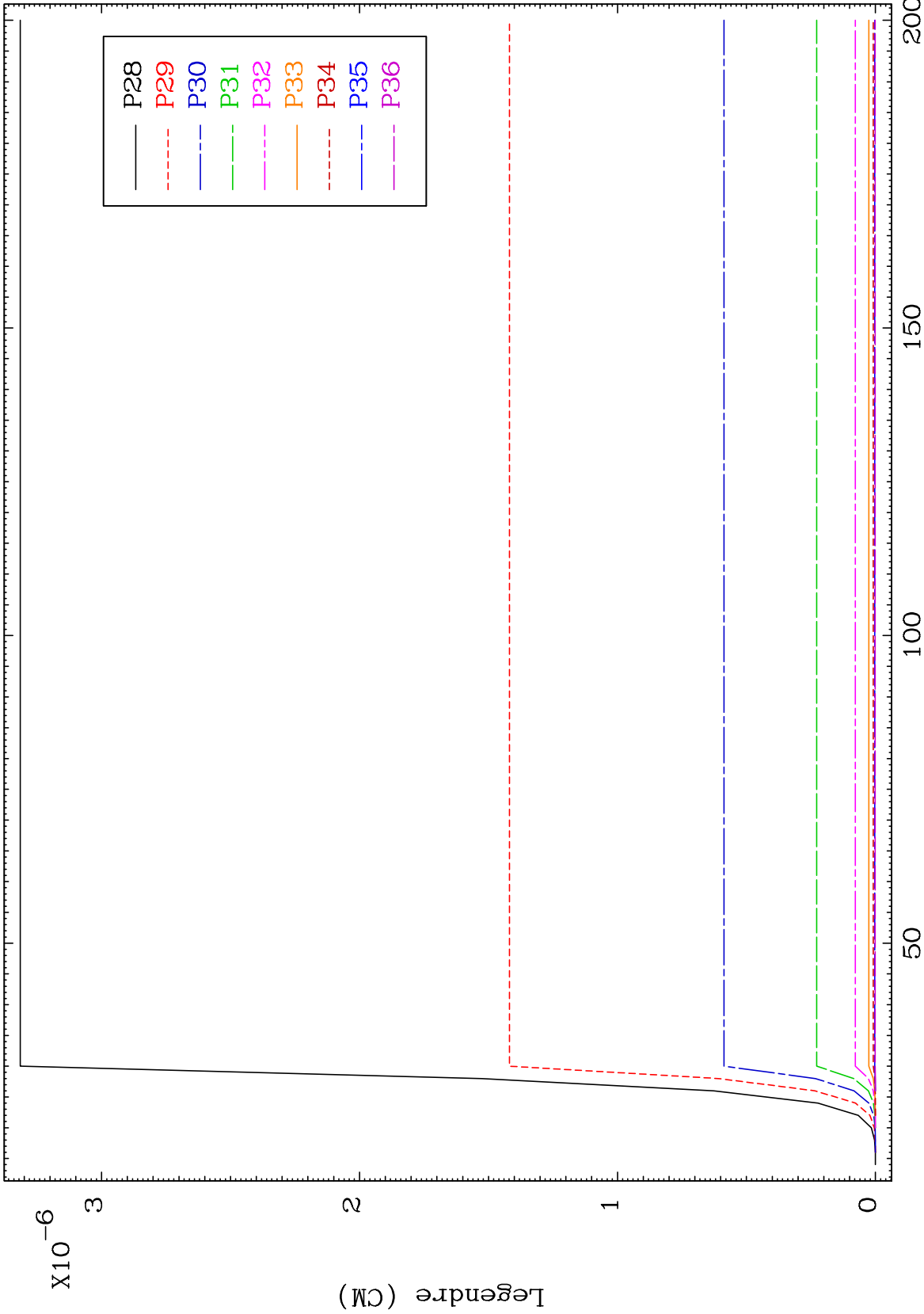
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



47

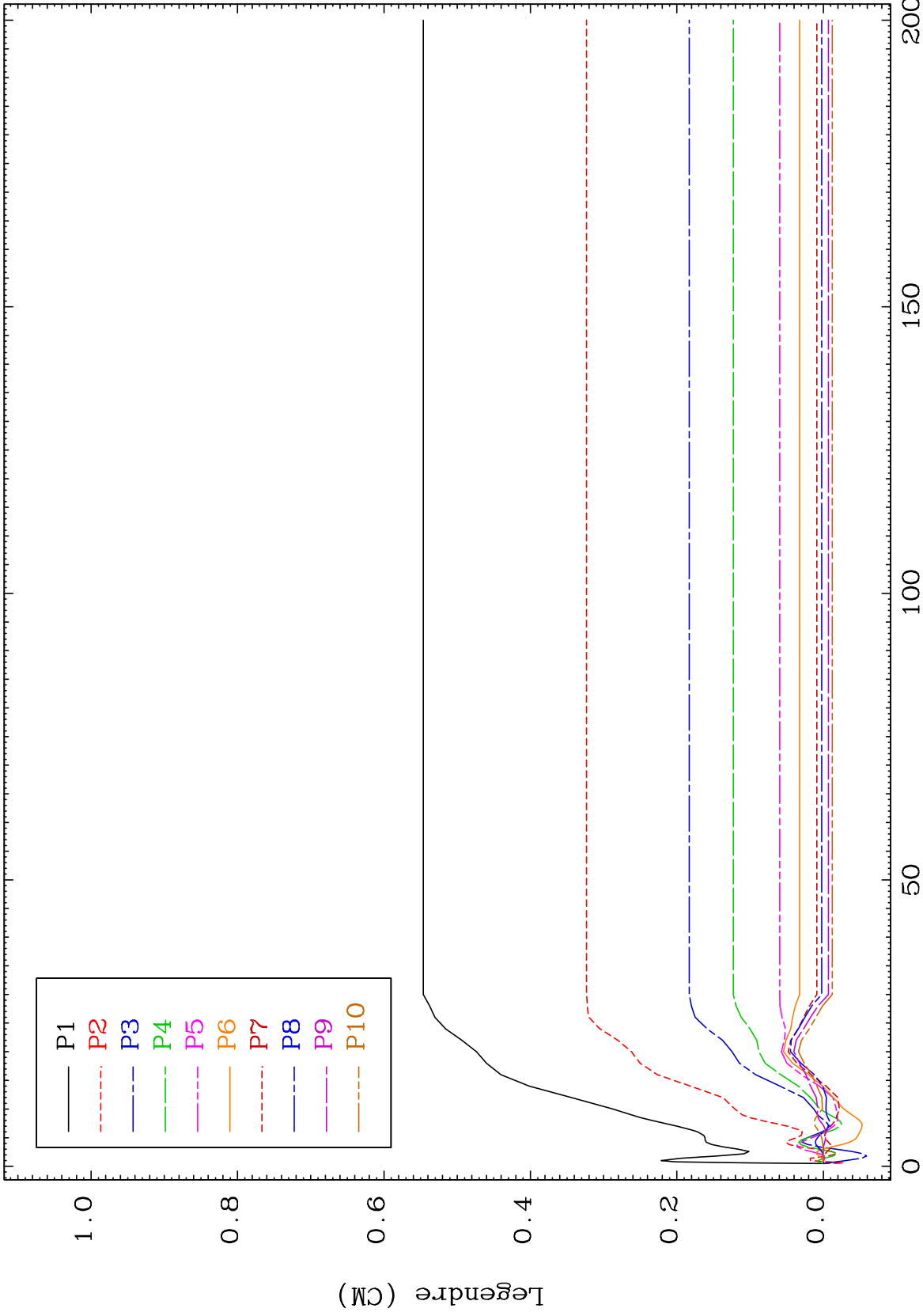
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



48

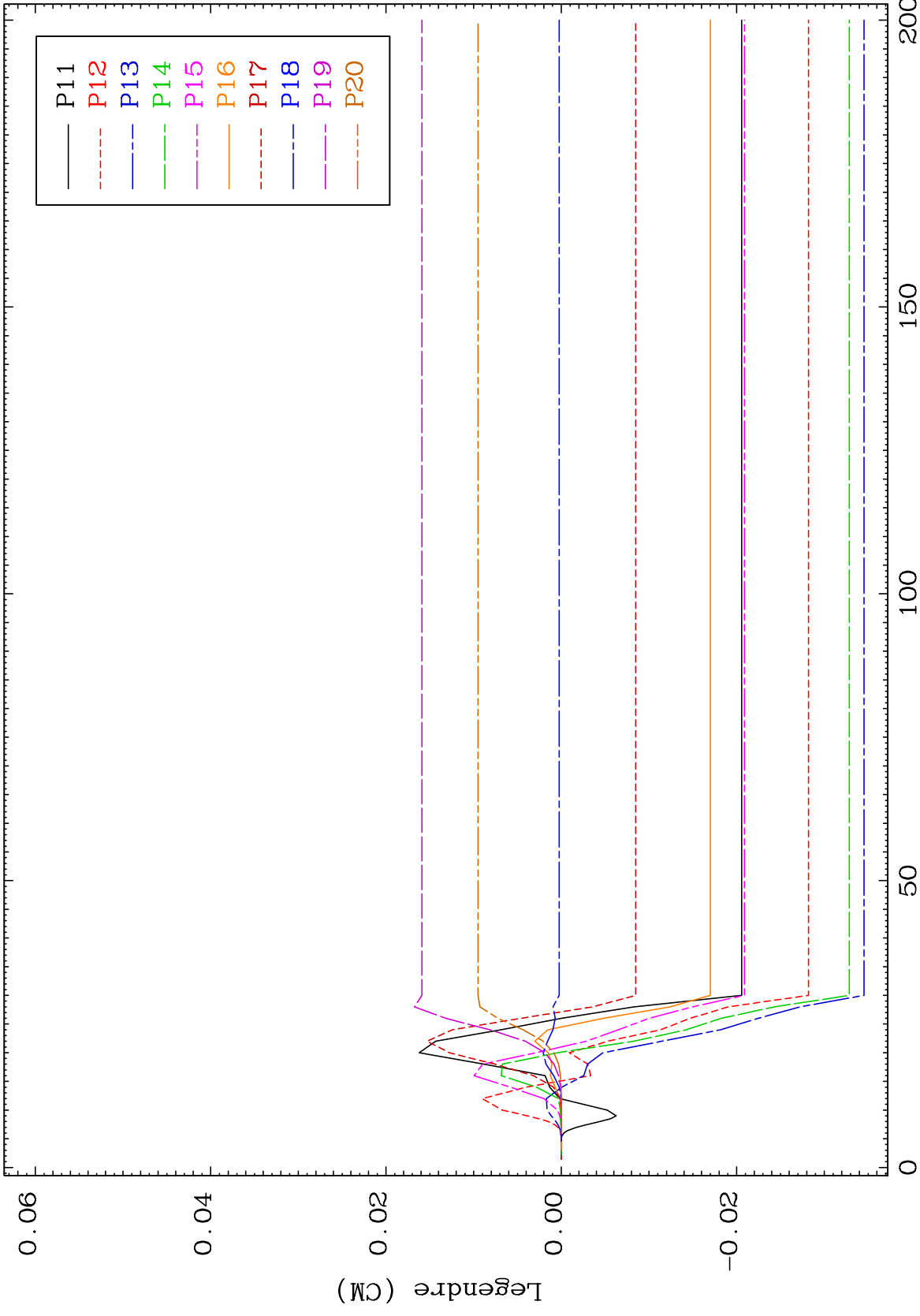
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



49

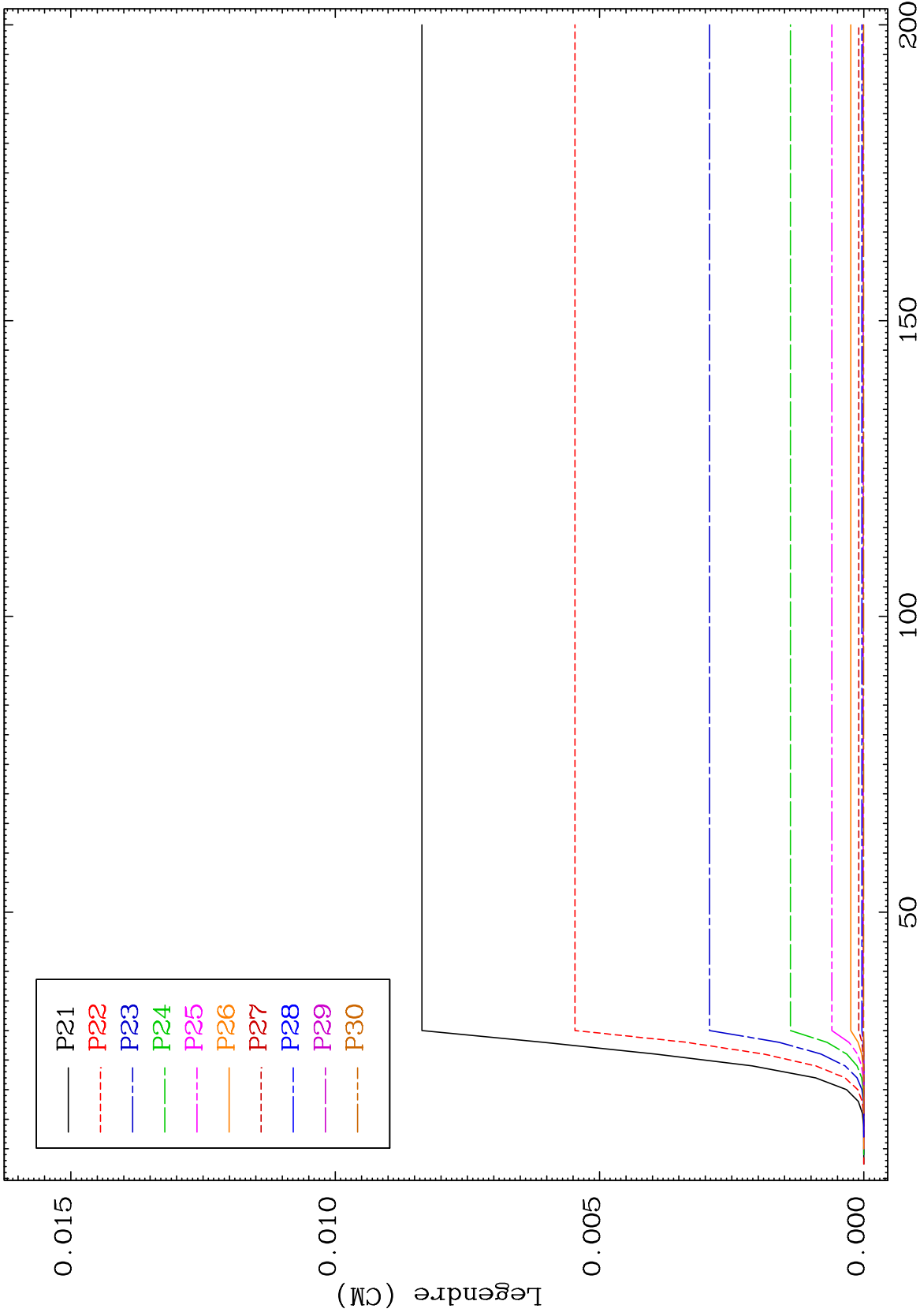
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



50

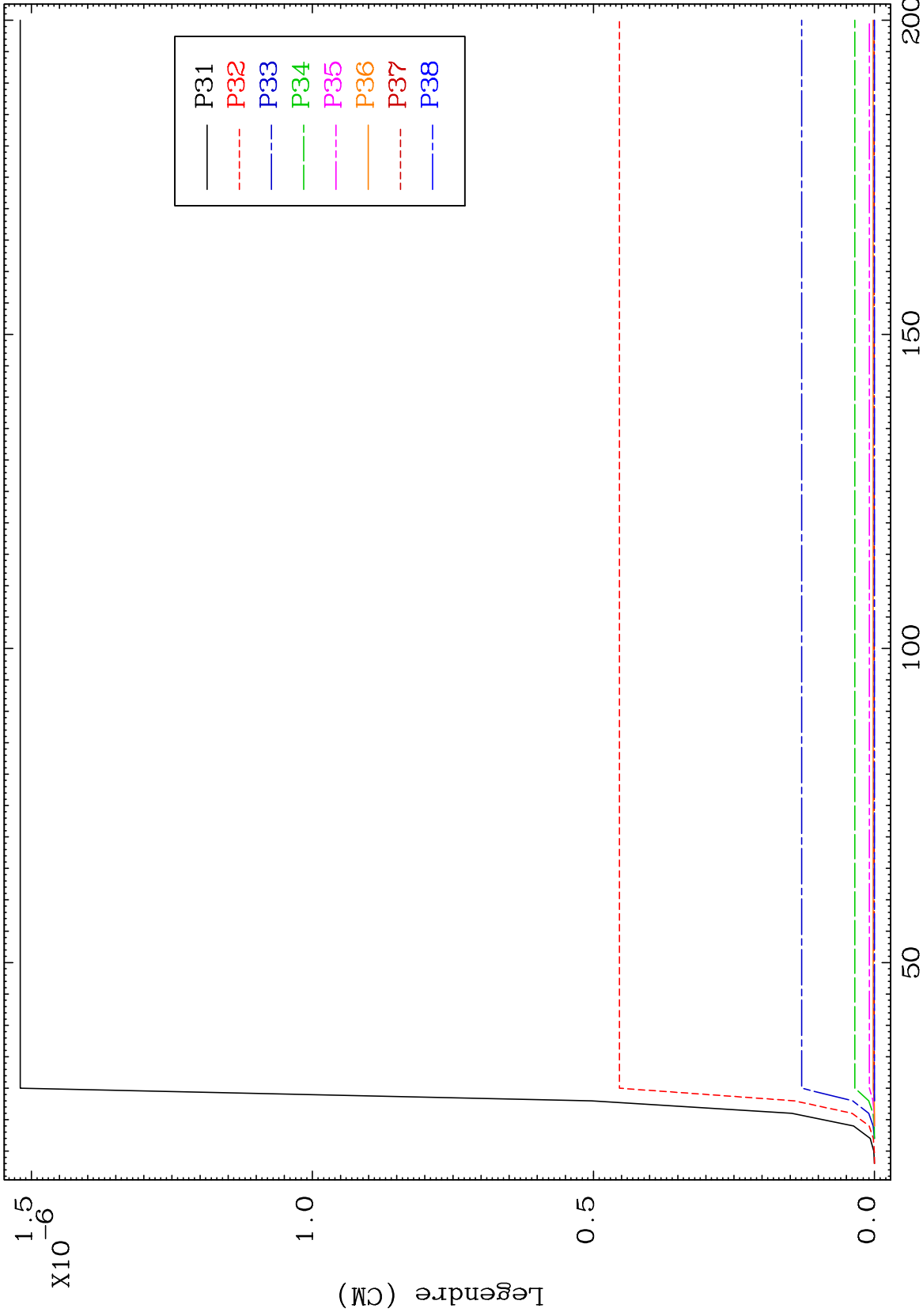
Incident Energy (MeV)

80-Hg-179

MAT 7974

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

80-Hg-179



51

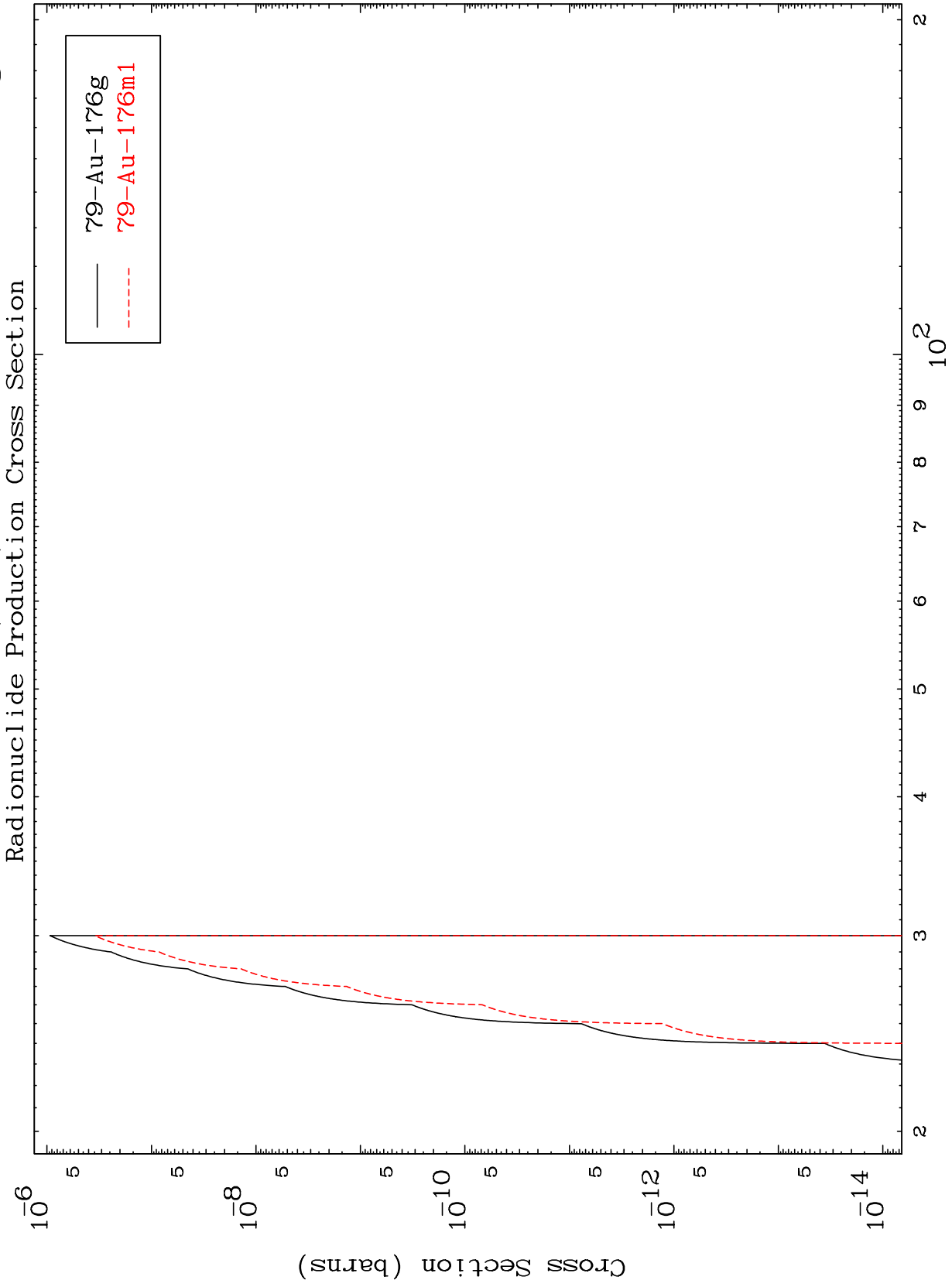
Incident Energy (MeV)

80-Hg-179

MAT 7974

(n,2n) d

80-Hg-179



52

Incident Energy (MeV)

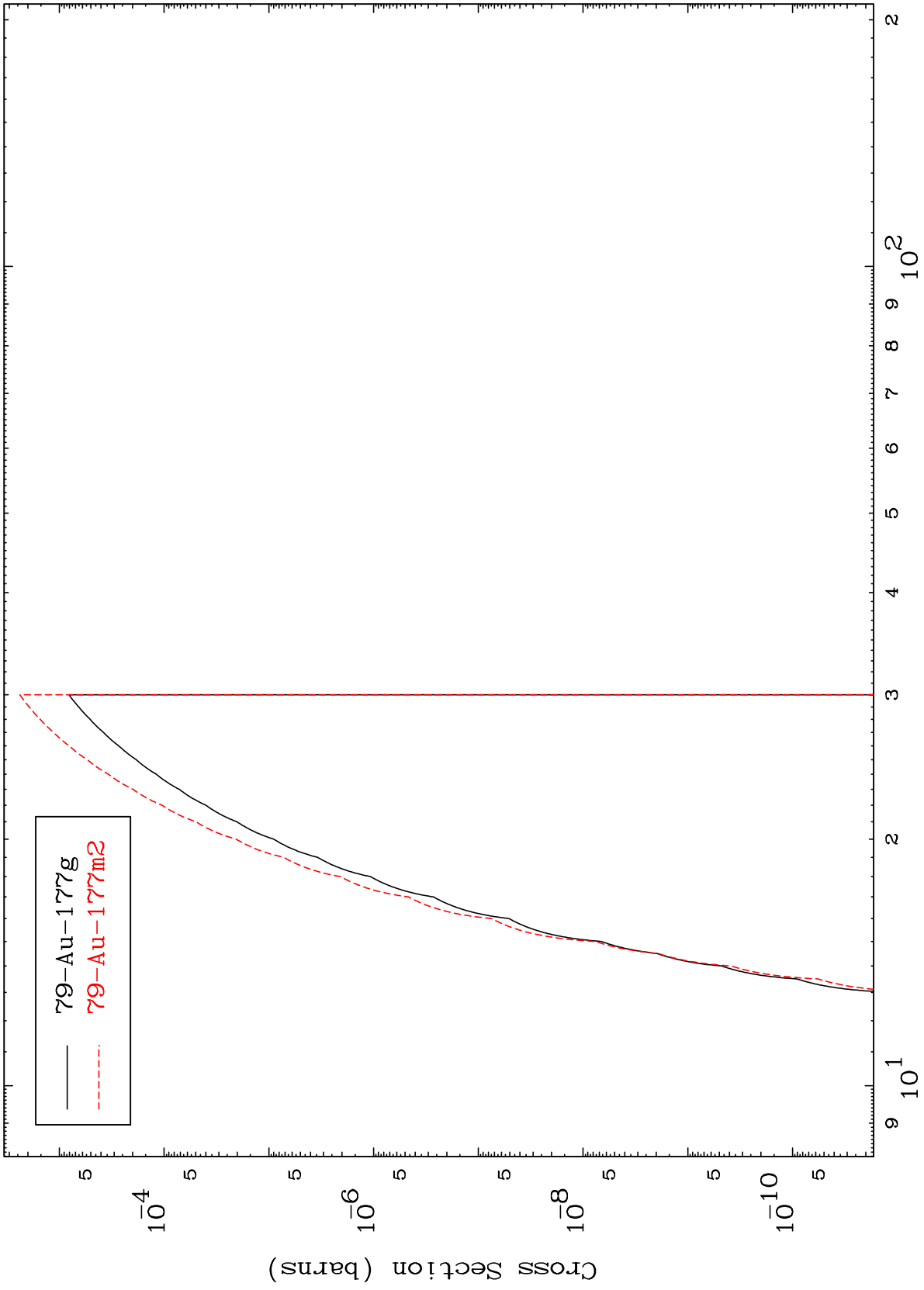
80-Hg-179

MAT 7974

(n,n') d

80-Hg-179

Radionuclide Production Cross Section

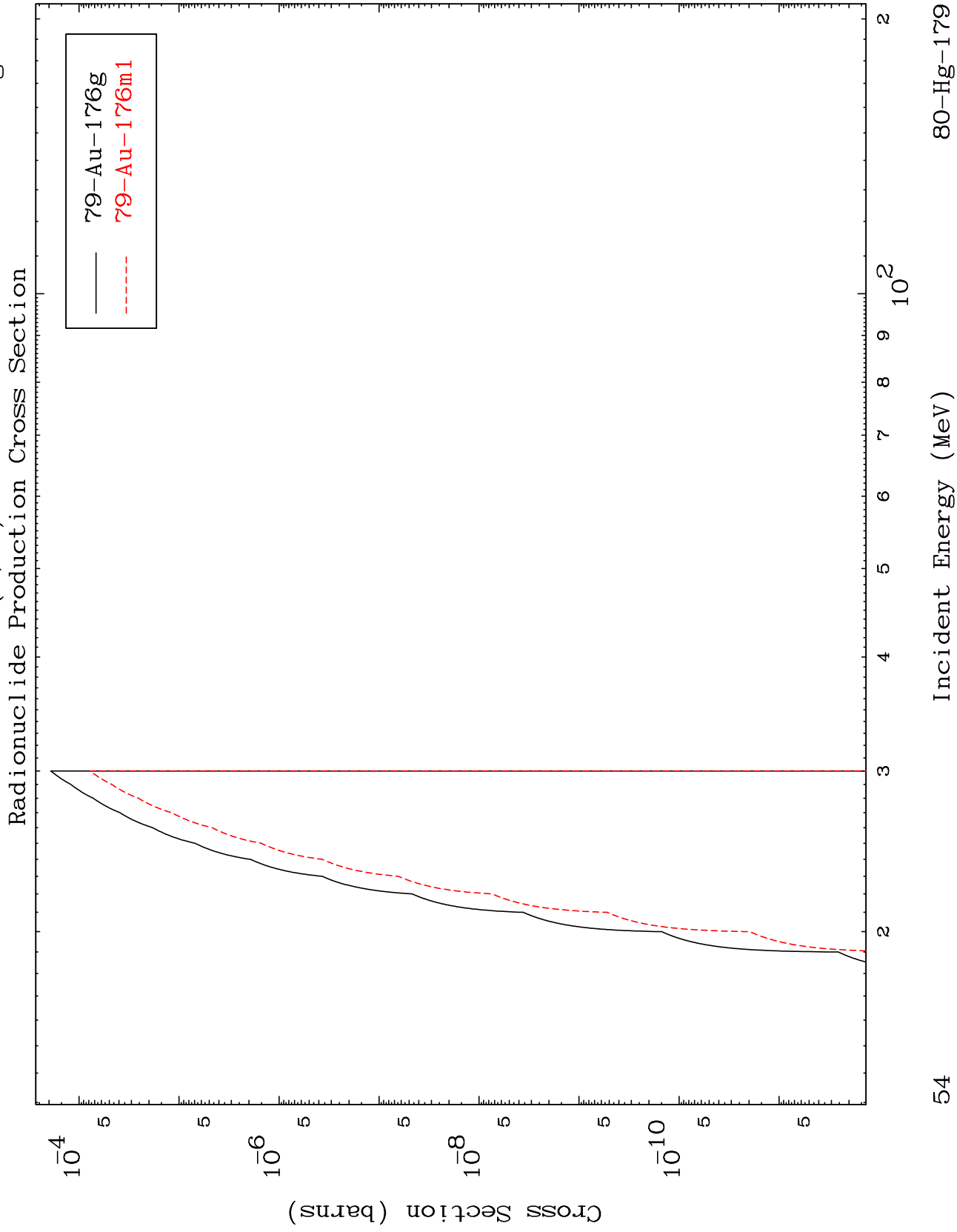


53

MAT 7974

(n,n') t

80-Hg-179

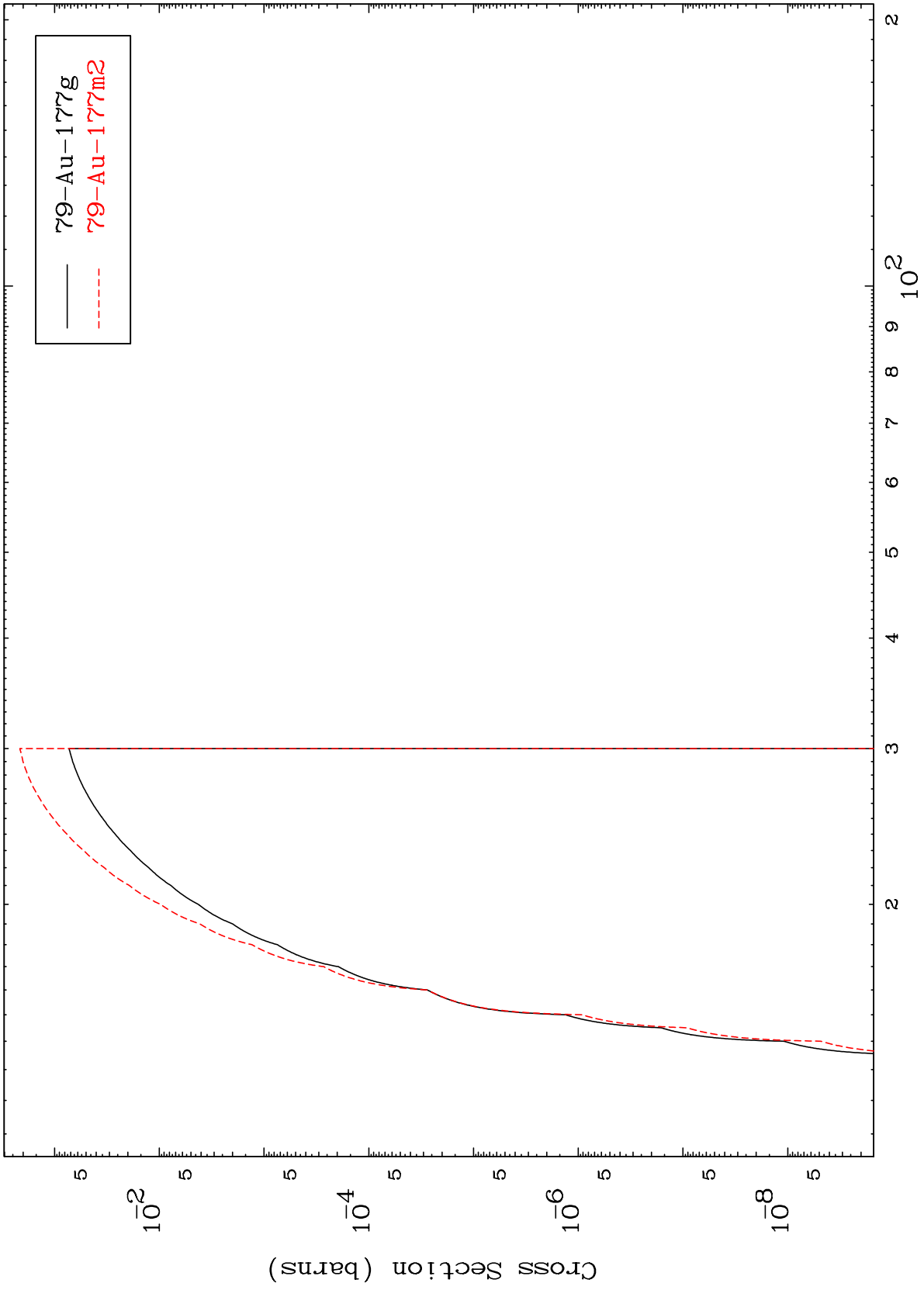


MAT 7974

(n,2n) p

80-Hg-179

Radionuclide Production Cross Section



55

Incident Energy (MeV)

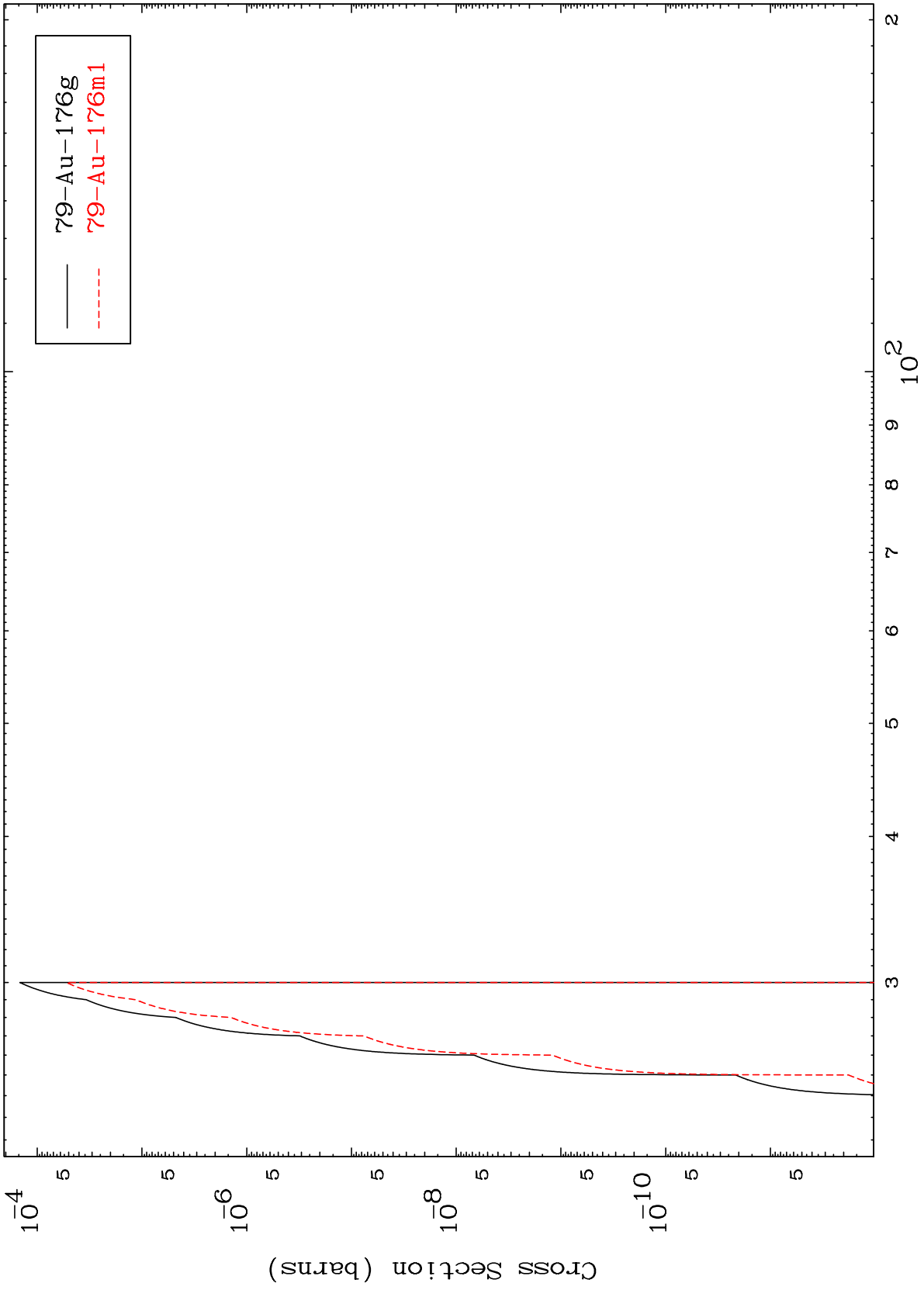
80-Hg-179

MAT 7974

(n,3n) p

80-Hg-179

Radionuclide Production Cross Section



56

Incident Energy (MeV)

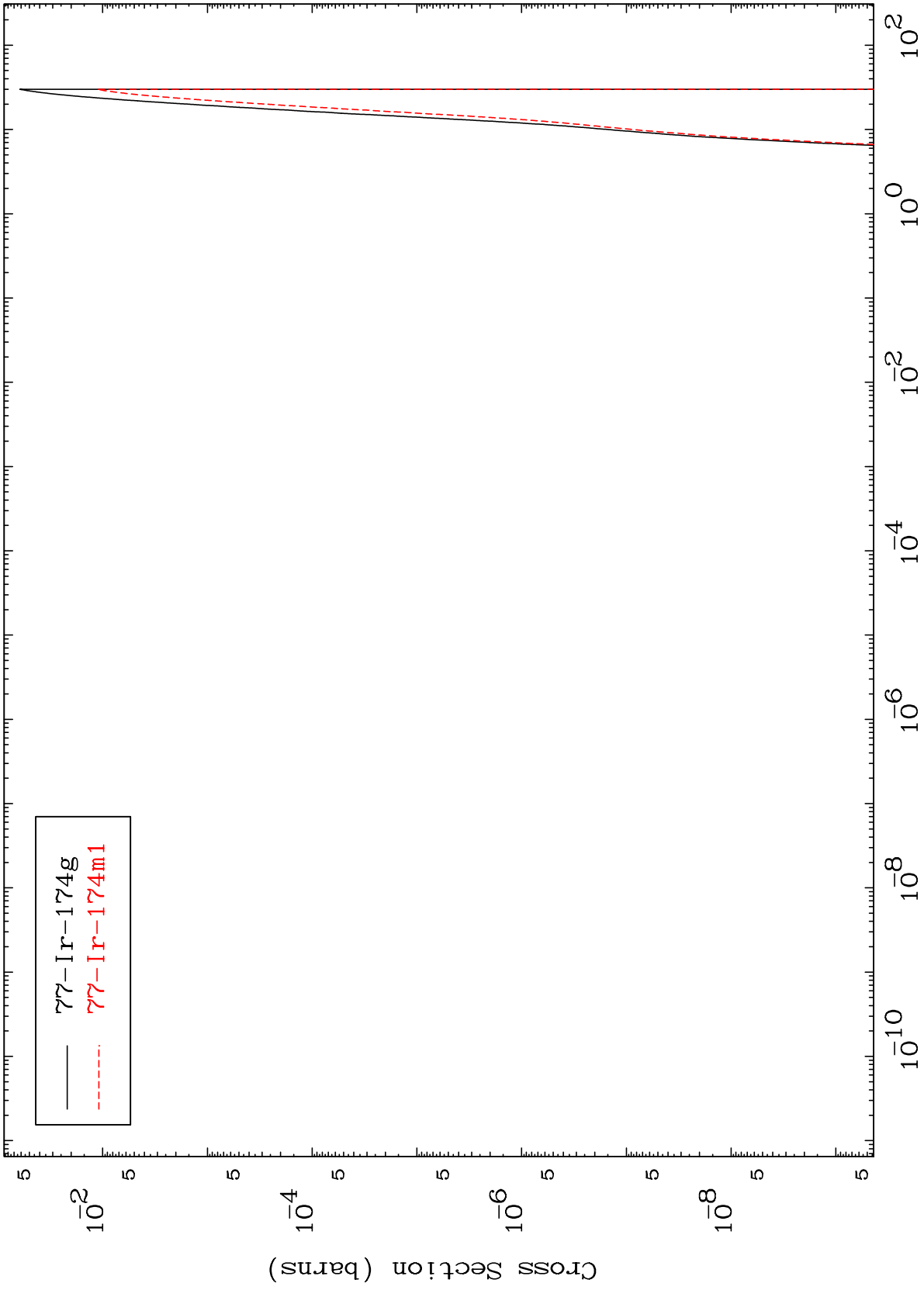
80-Hg-179

MAT 7974

(n,n') p α

80-Hg-179

Radionuclide Production Cross Section



— ⁷⁷Ir-174g
- - - ⁷⁷Ir-174m1

57

Incident Energy (MeV)

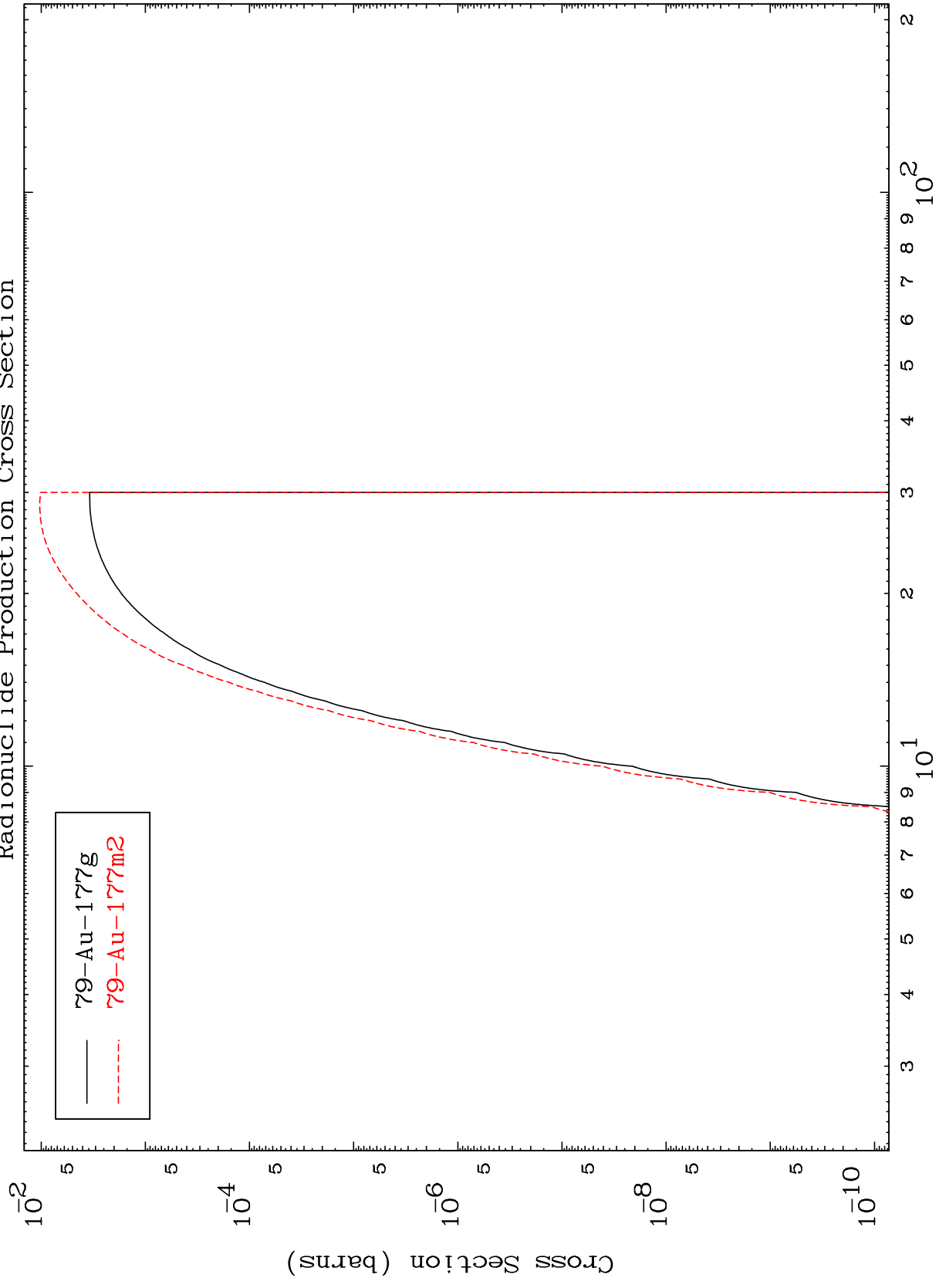
80-Hg-179

MAT 7974

80-Hg-179

Radionuclide Production Cross Section

(n, t)



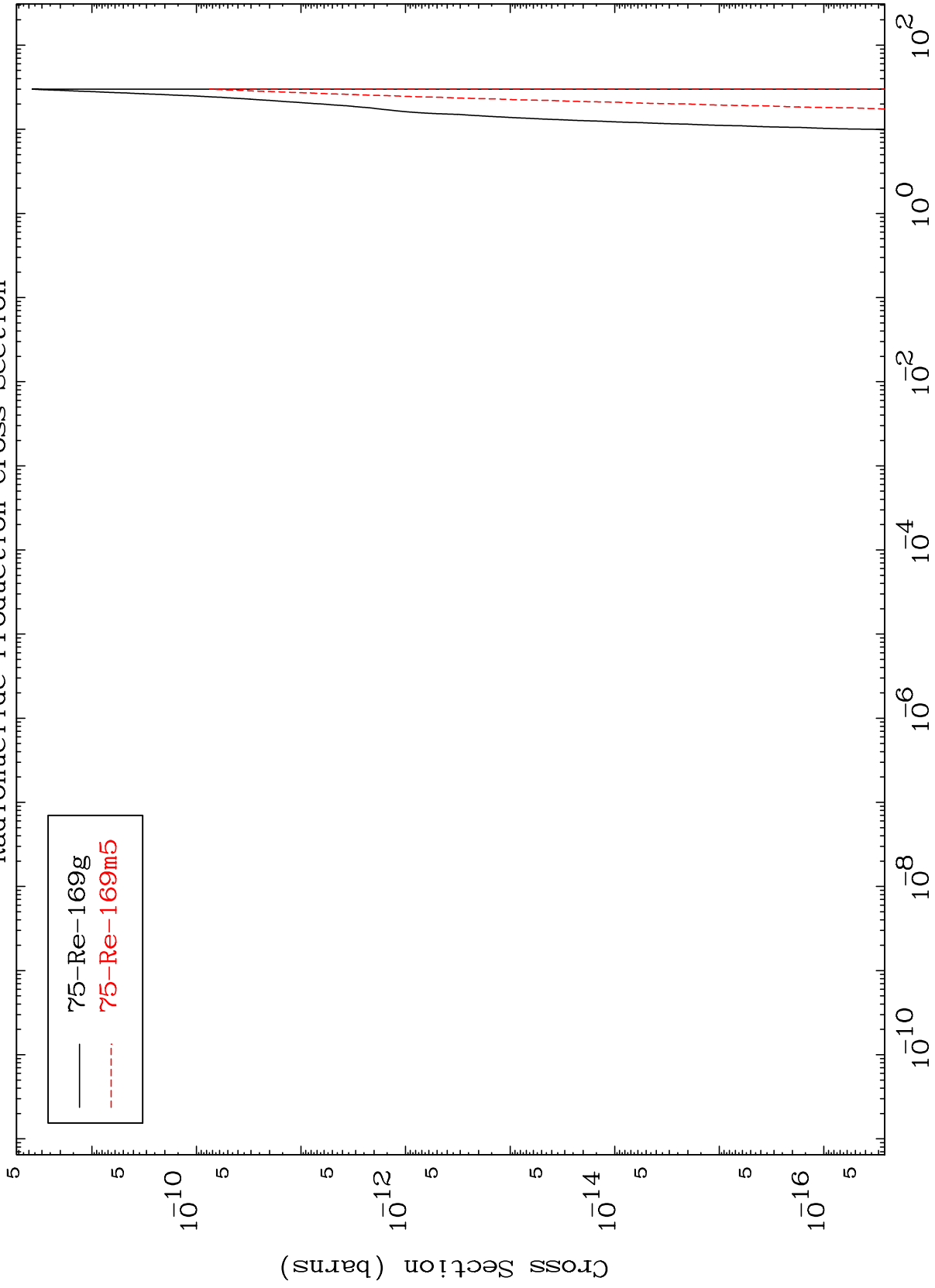
79-Au-177g
79-Au-177m2

MAT 7974

(n, t) 2α

80-Hg-179

Radionuclide Production Cross Section



59

Incident Energy (MeV)

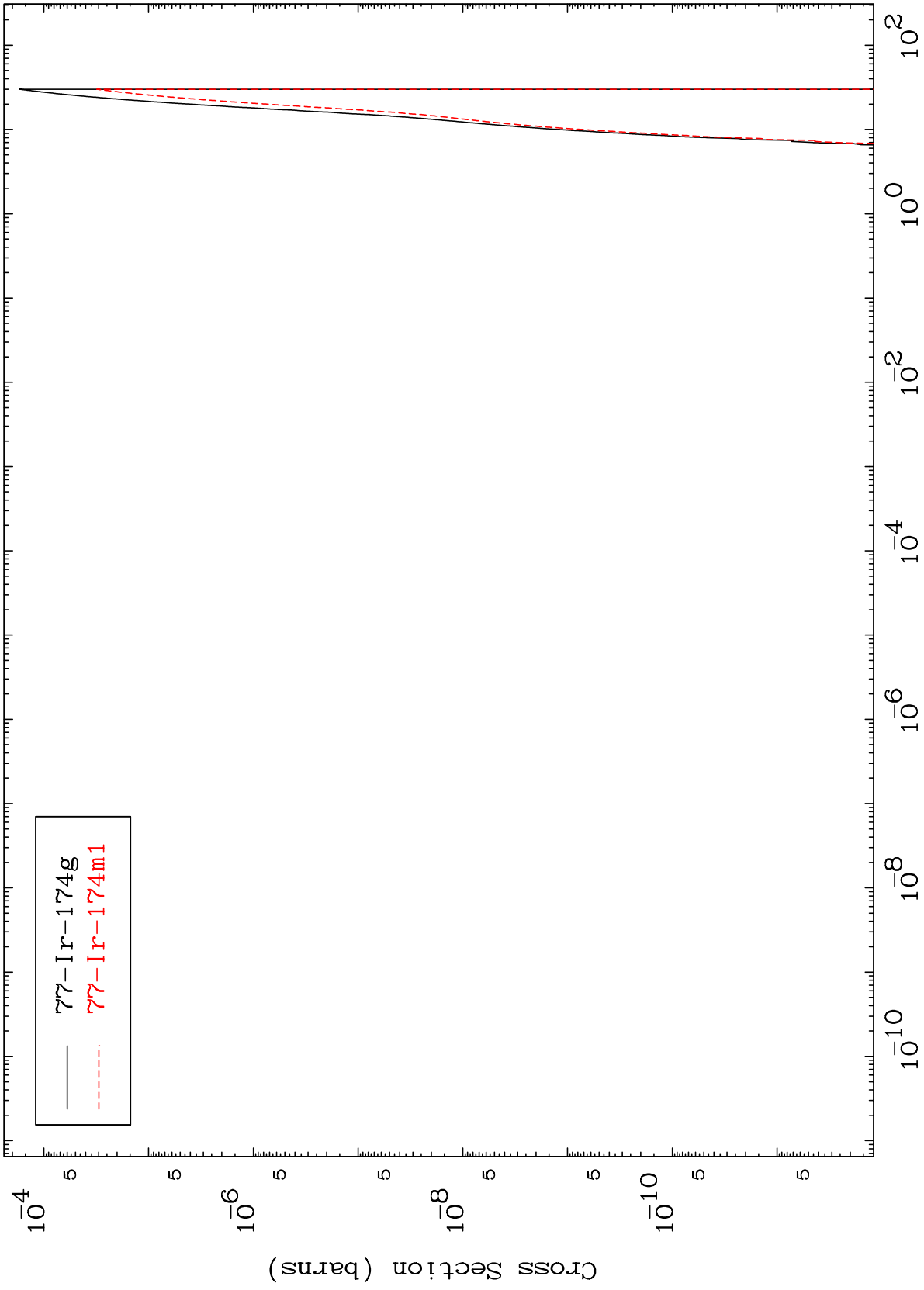
80-Hg-179

MAT 7974

(n,d) α

80-Hg-179

Radionuclide Production Cross Section



60

Incident Energy (MeV)

80-Hg-179