

Program EVALPLOT
(Version 2017-1)

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

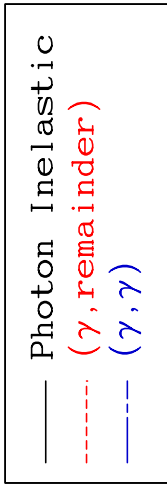
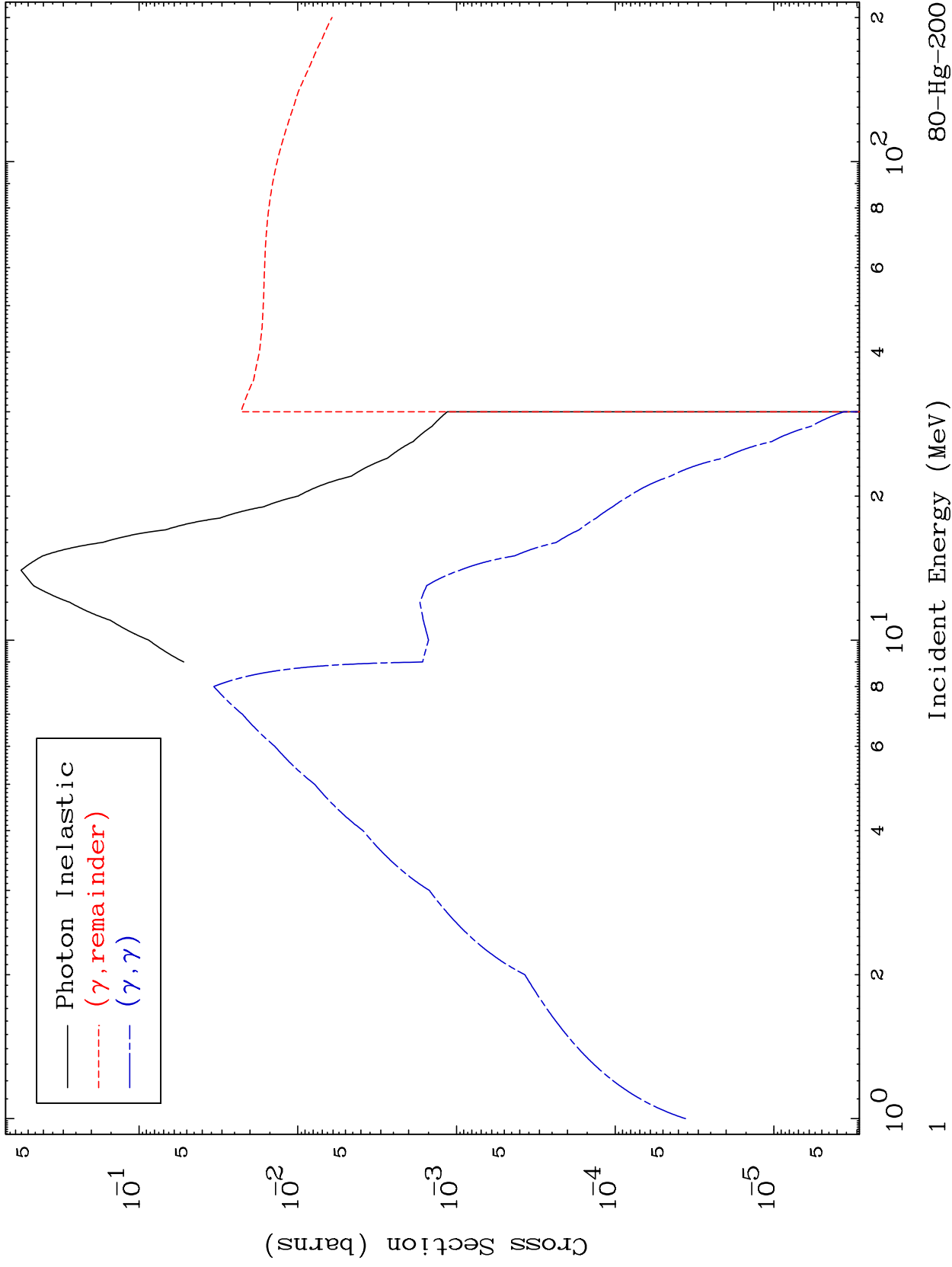
Press Mouse Button to Start

MAT 8037

Photon Major

80-Hg-200

0 Kelvin Cross Sections



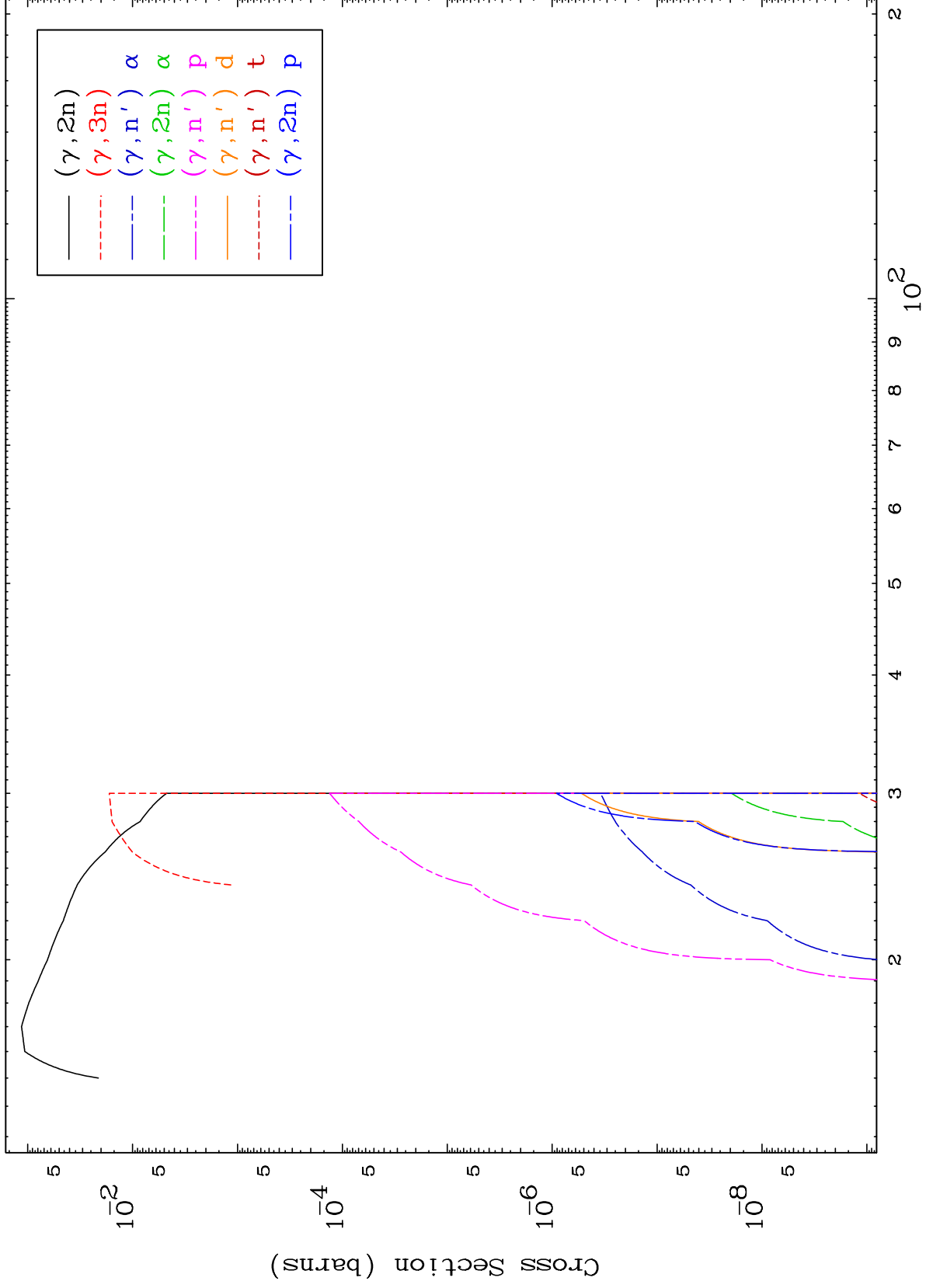
Incident Energy (MeV)

80-Hg-200

MAT 8037

Photon Neutron Production
0 Kelvin Cross Sections

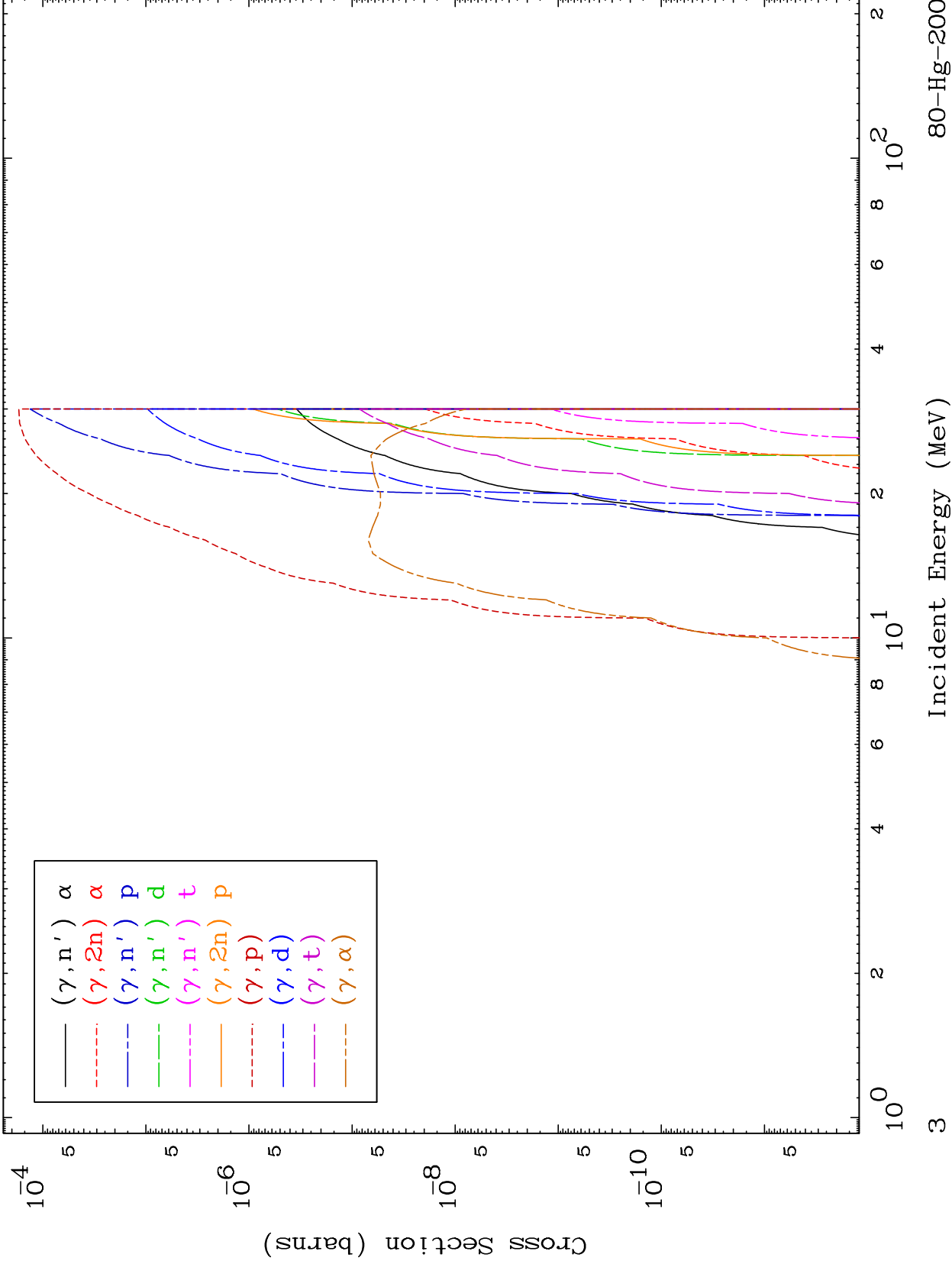
80-Hg-200



MAT 8037

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-200



Incident Energy (MeV)

80-Hg-200

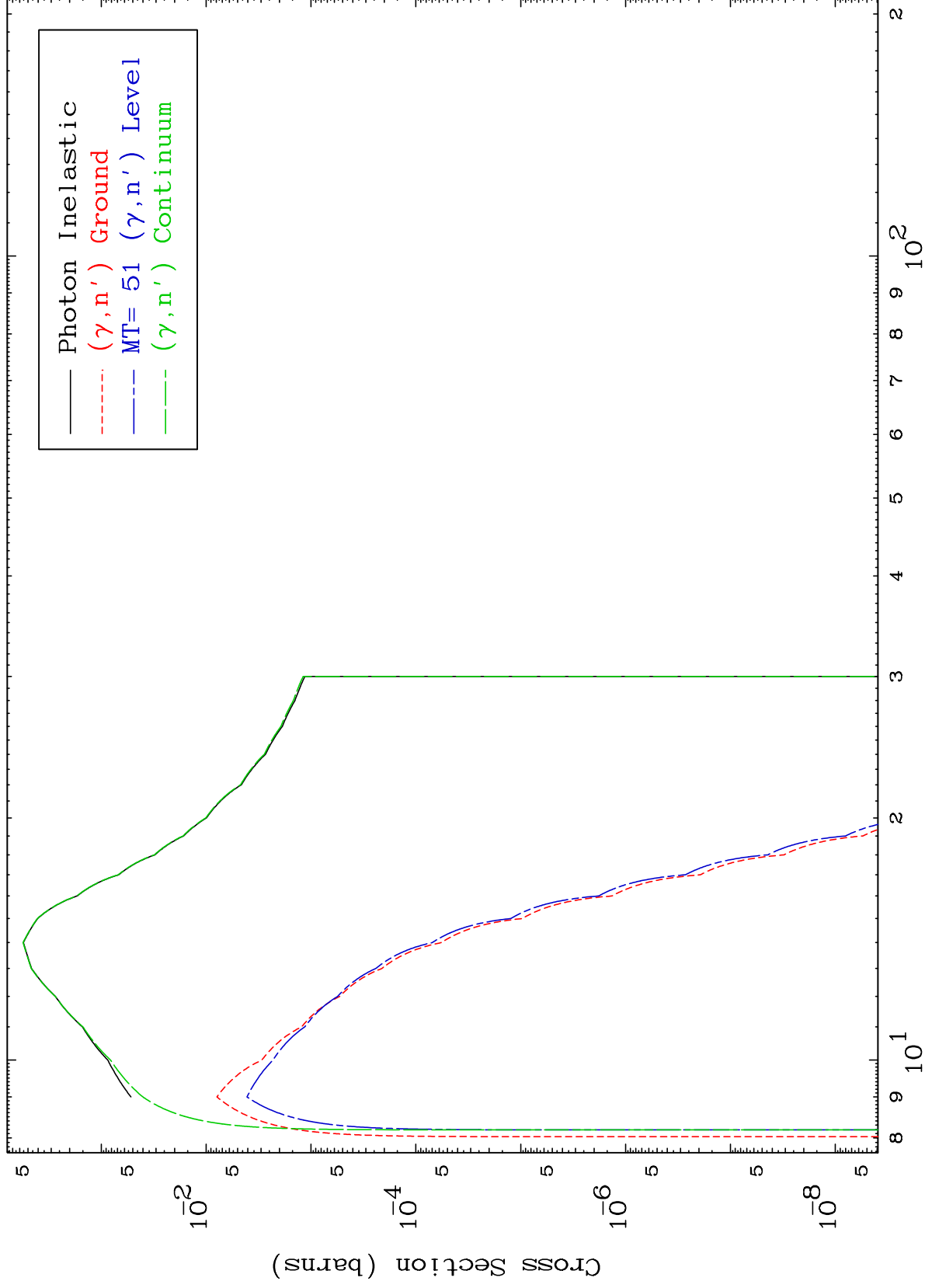
3

MAT 8037

(γ, n') Level

80-Hg-200

0 Kelvin Cross Sections



Incident Energy (MeV)

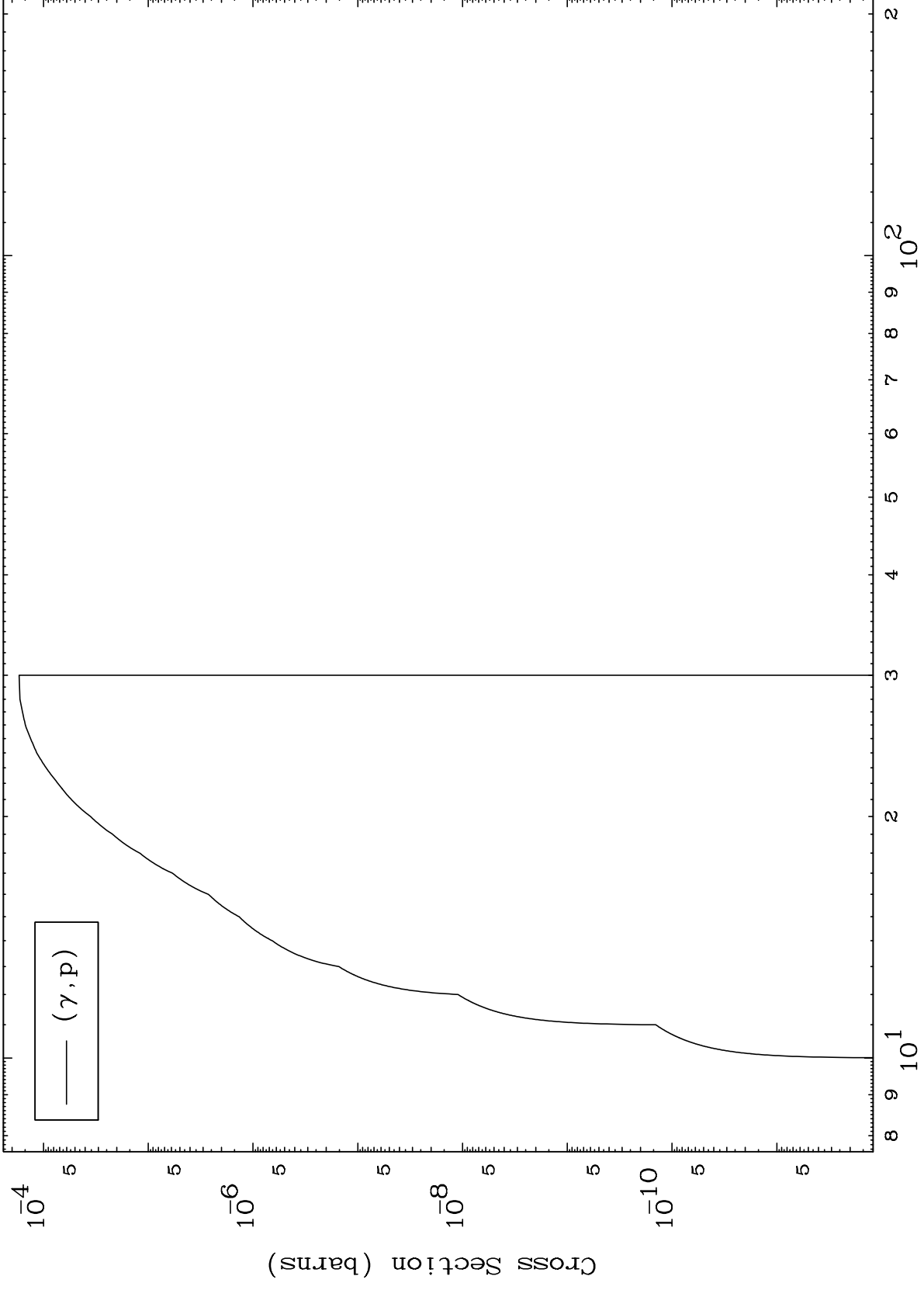
80-Hg-200

4

MAT 8037

(γ, p) Levels
0 Kelvin Cross Sections

80-Hg-200



5

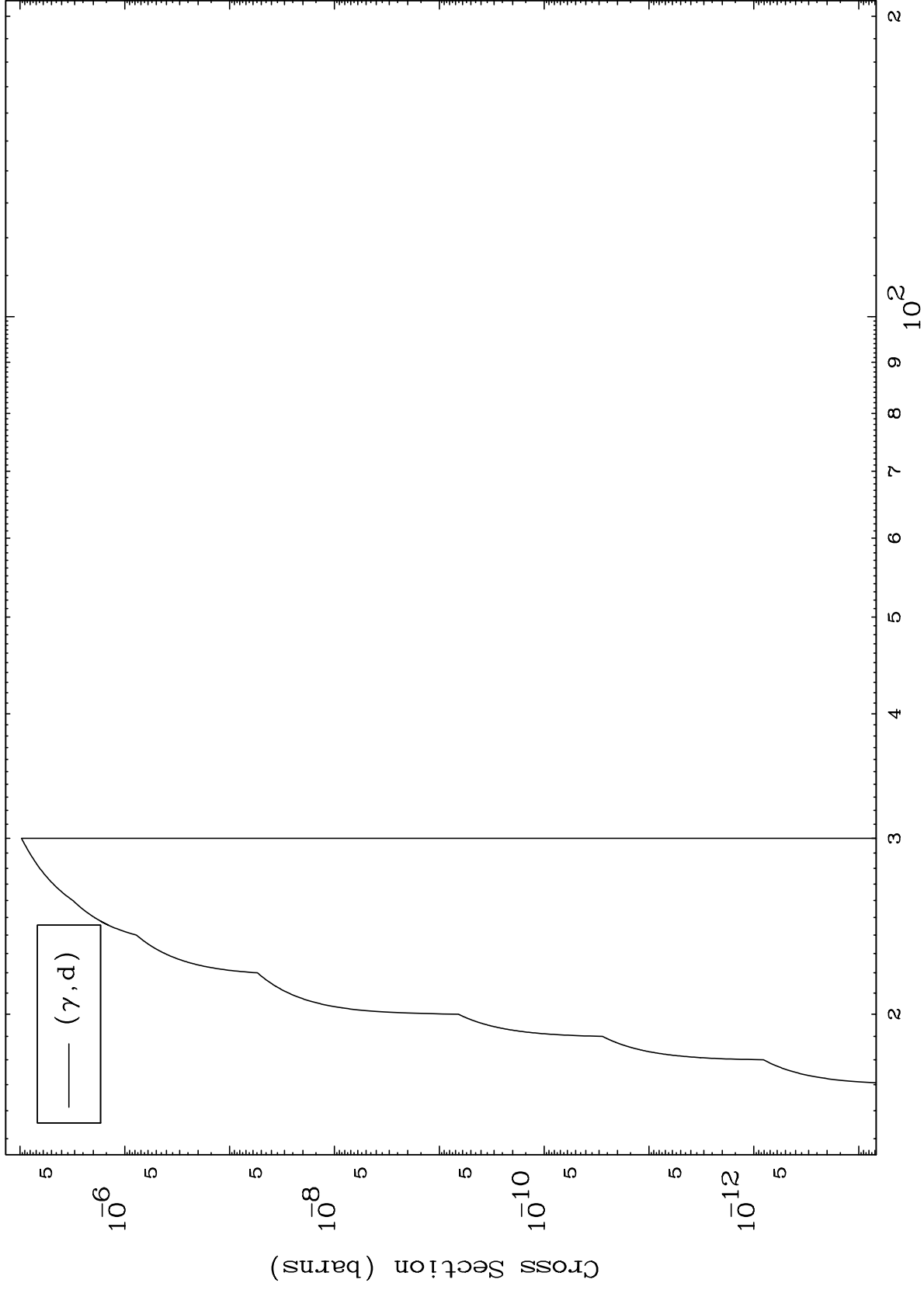
Incident Energy (MeV)

80-Hg-200

MAT 8037

(γ, d) Levels
0 Kelvin Cross Sections

80-Hg-200



6

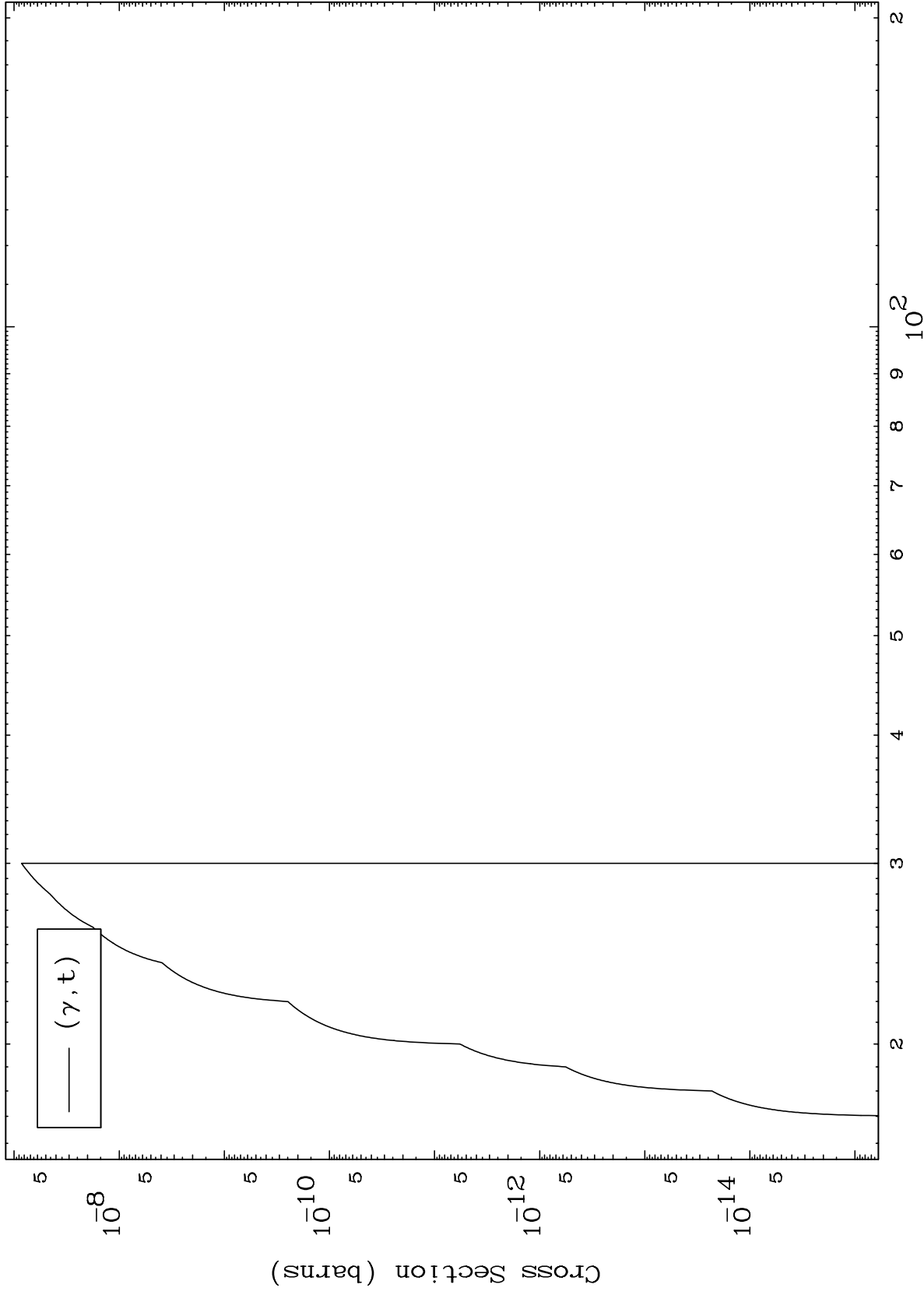
Incident Energy (MeV)

80-Hg-200

MAT 8037

(γ, t) Levels
0 Kelvin Cross Sections

80-Hg-200



7

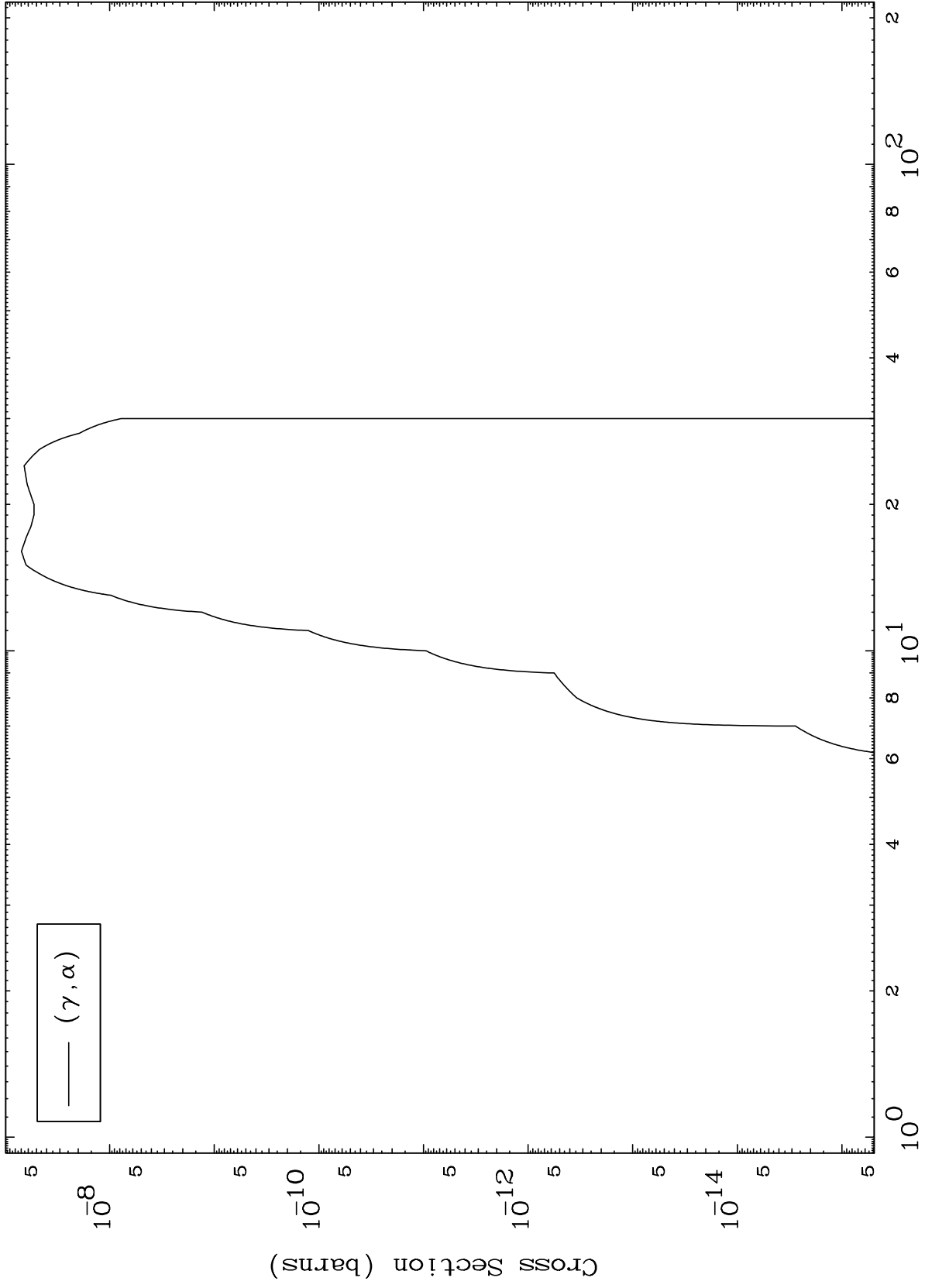
Incident Energy (MeV)

80-Hg-200

MAT 8037

(γ, α) Levels
0 Kelvin Cross Sections

80-Hg-200



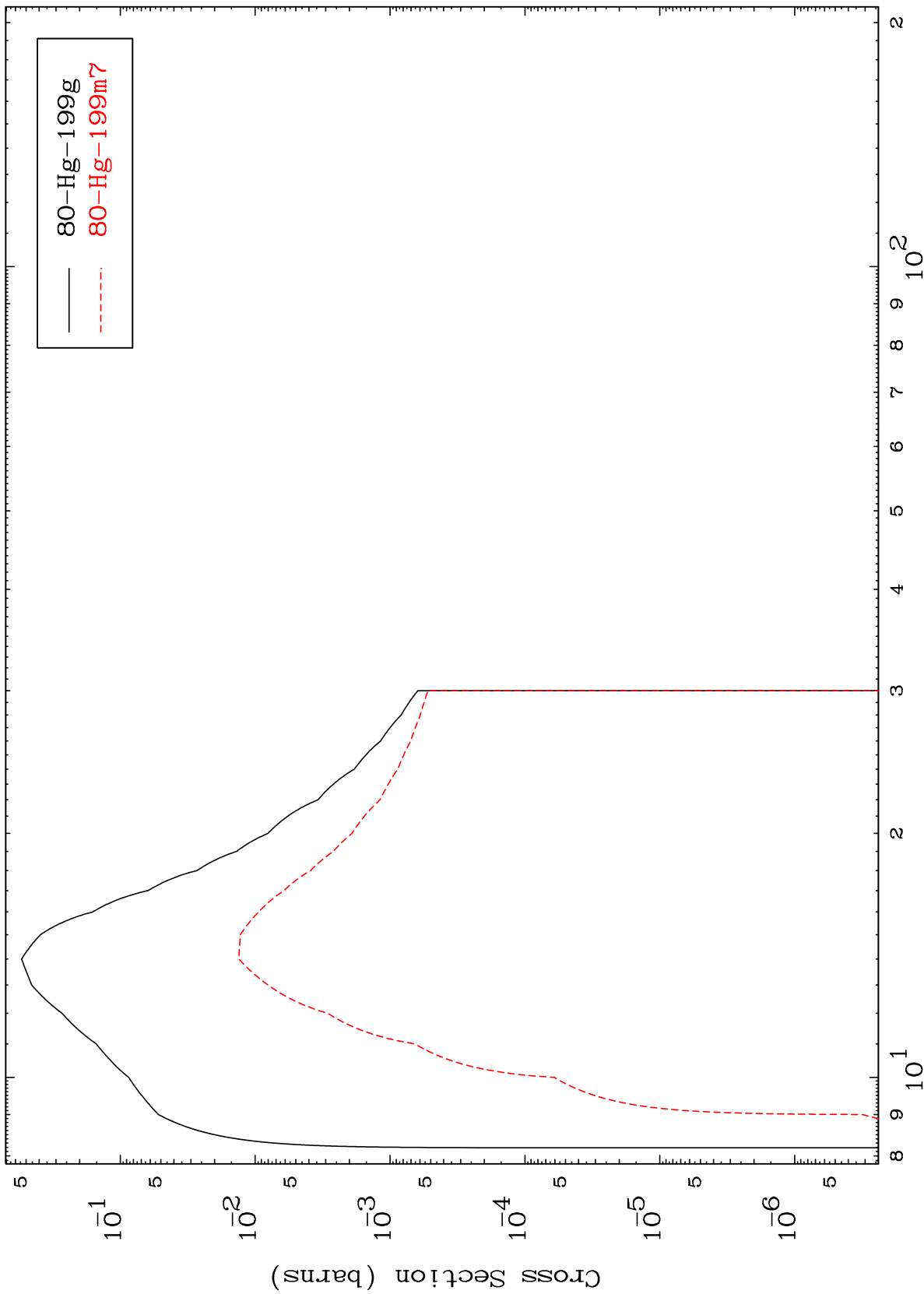
Incident Energy (MeV)

80-Hg-200

MAT 8037

Photon Inelastic
Radionuclide Production Cross Section

80-Hg-200



9

Incident Energy (MeV)

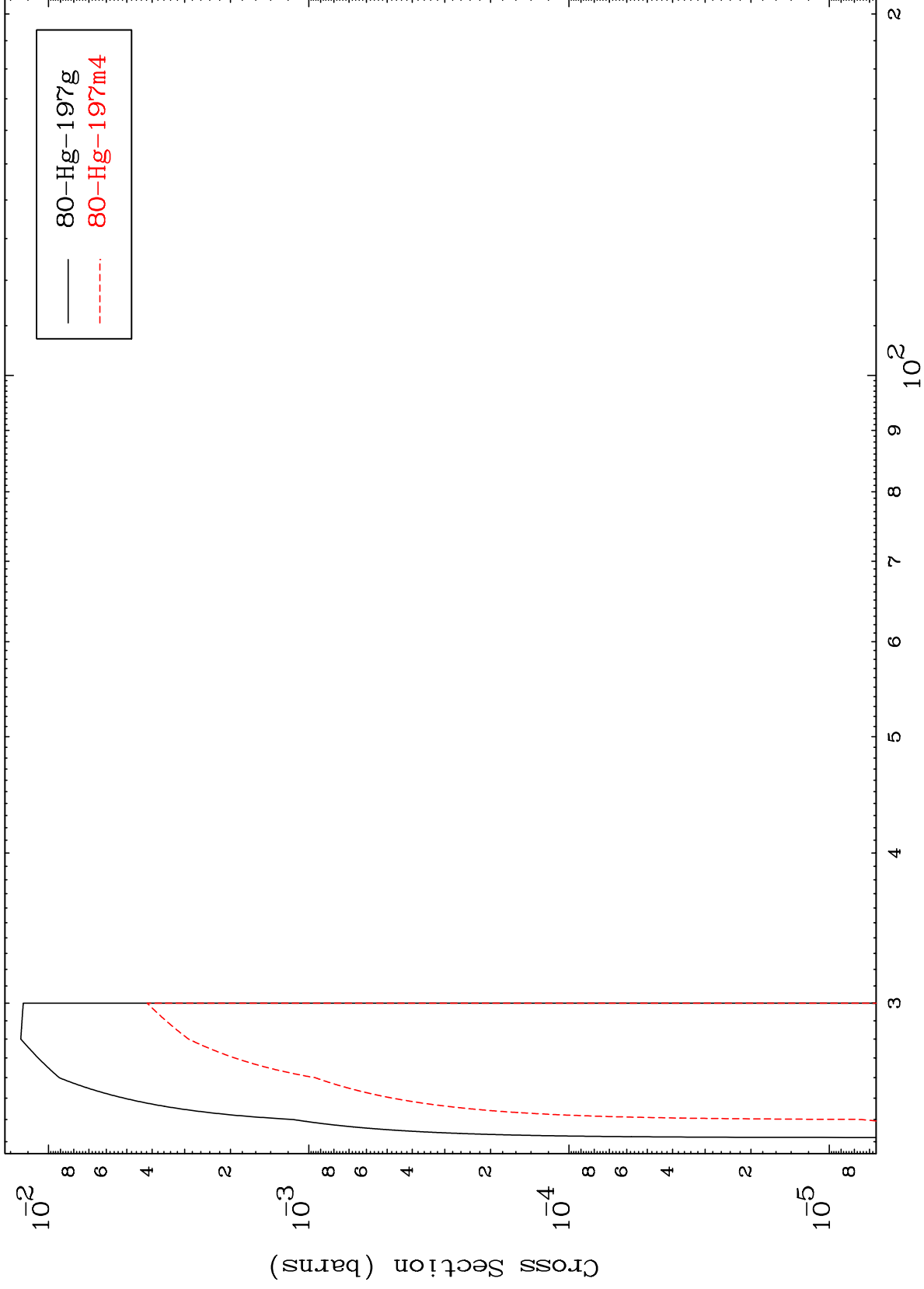
80-Hg-200

MAT 8037

($\gamma, 3n$)

80-Hg-200

Radionuclide Production Cross Section



10

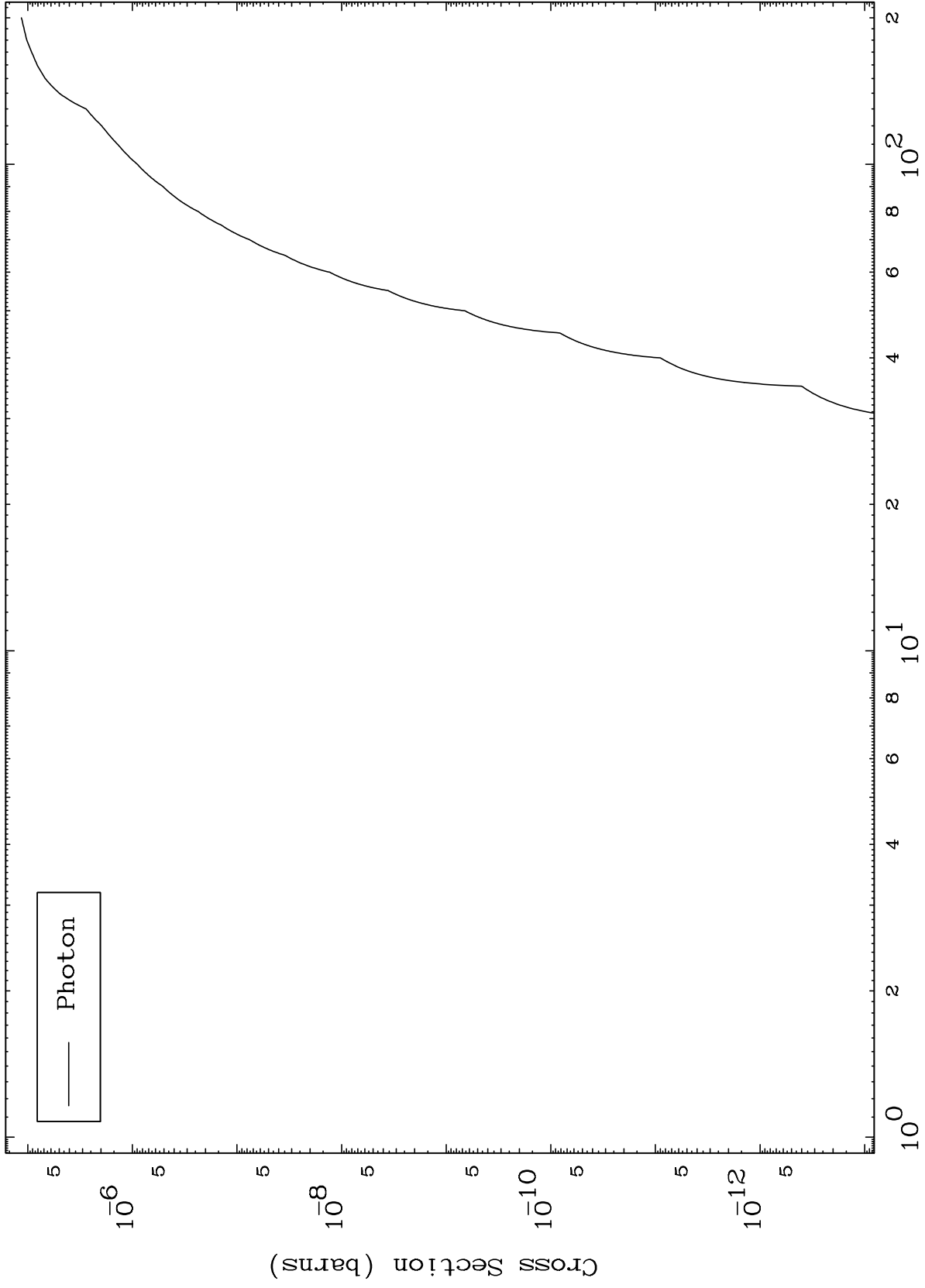
Incident Energy (MeV)

80-Hg-200

MAT 8037

Photon Fission
Radionuclide Production Cross Section

80-Hg-200

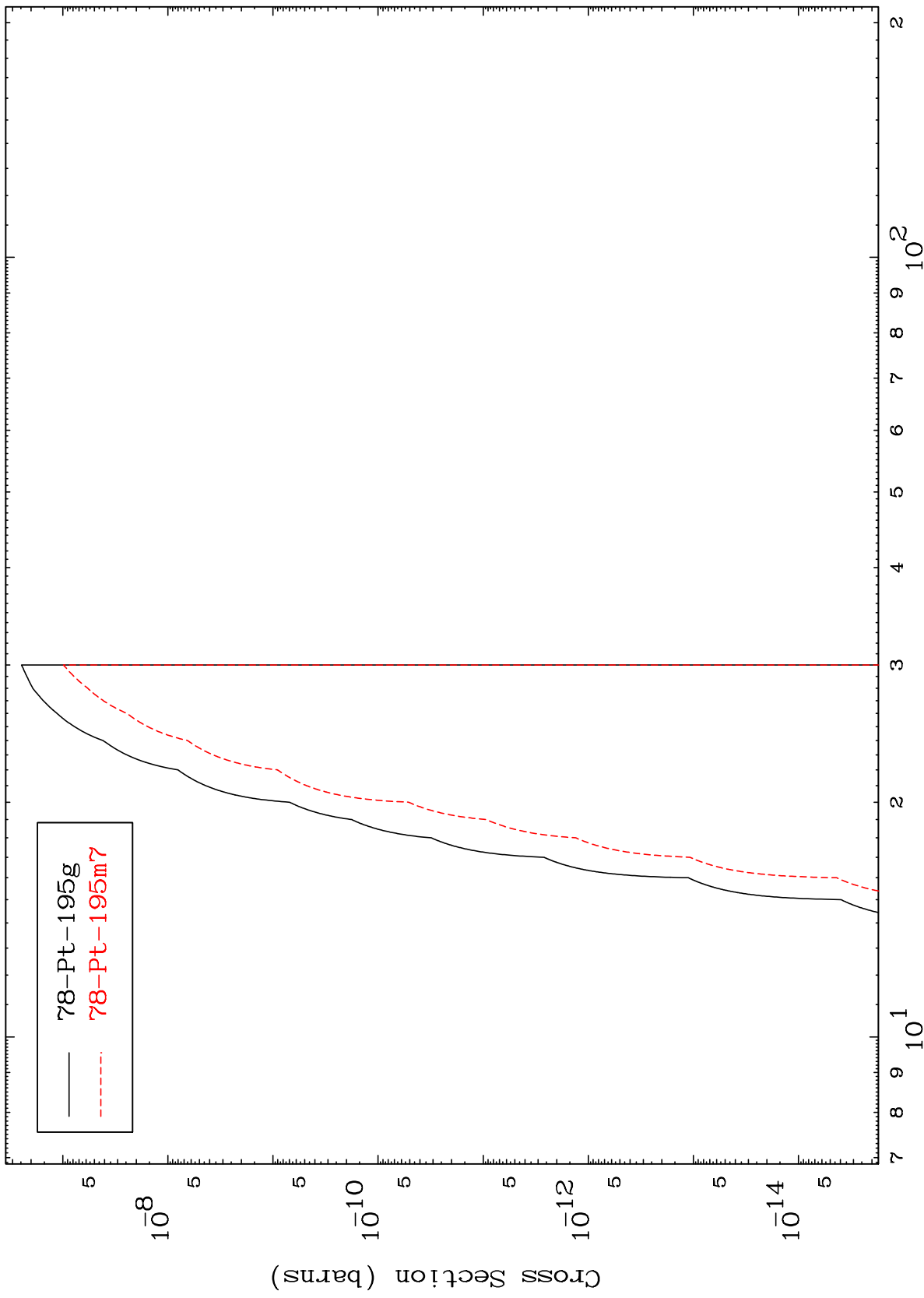


80-Hg-200

MAT 8037

80-Hg-200

(γ, n') α
Radionuclide Production Cross Section



80-Hg-200

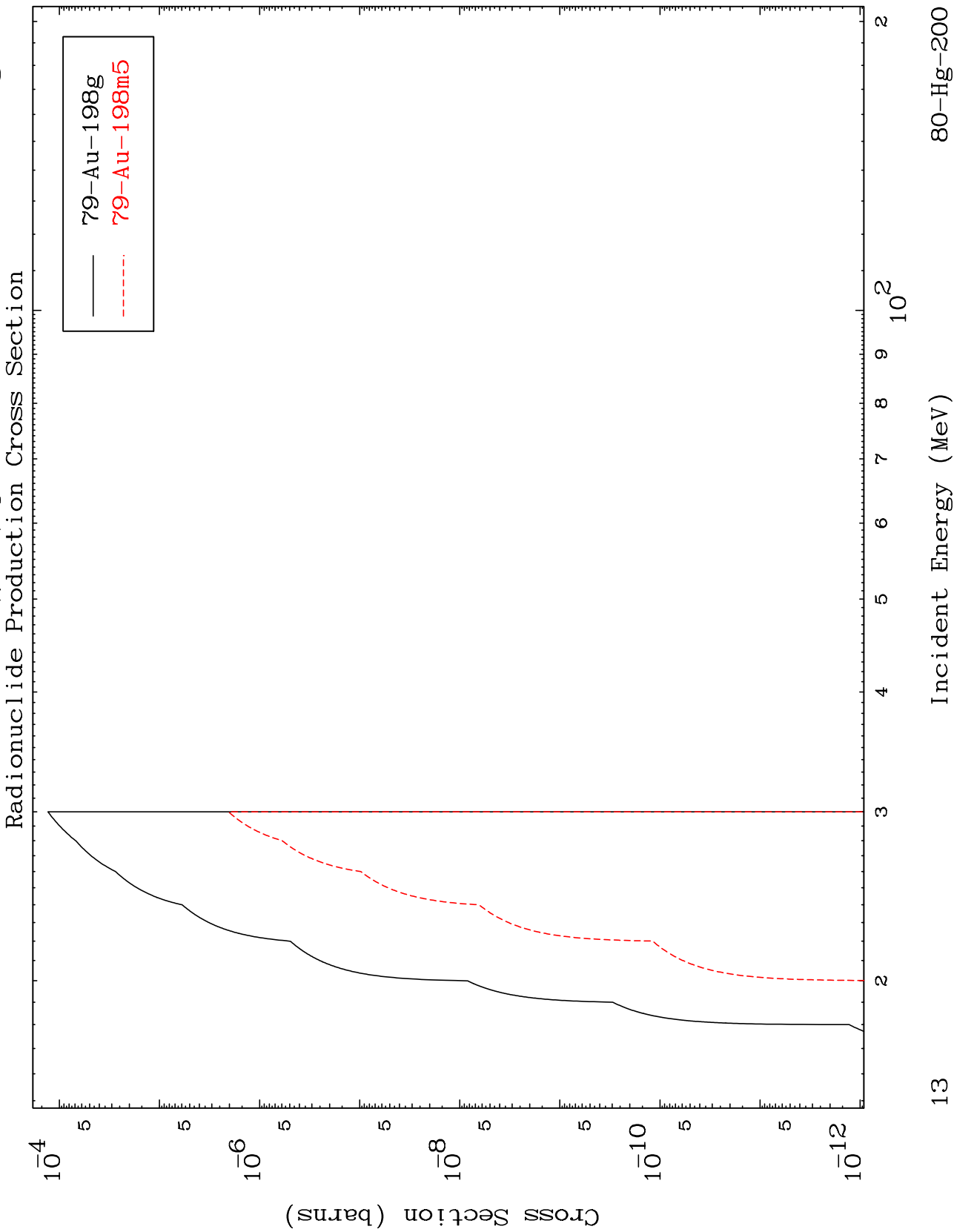
Incident Energy (MeV)

12

MAT 8037

(γ, n') p

80-Hg-200

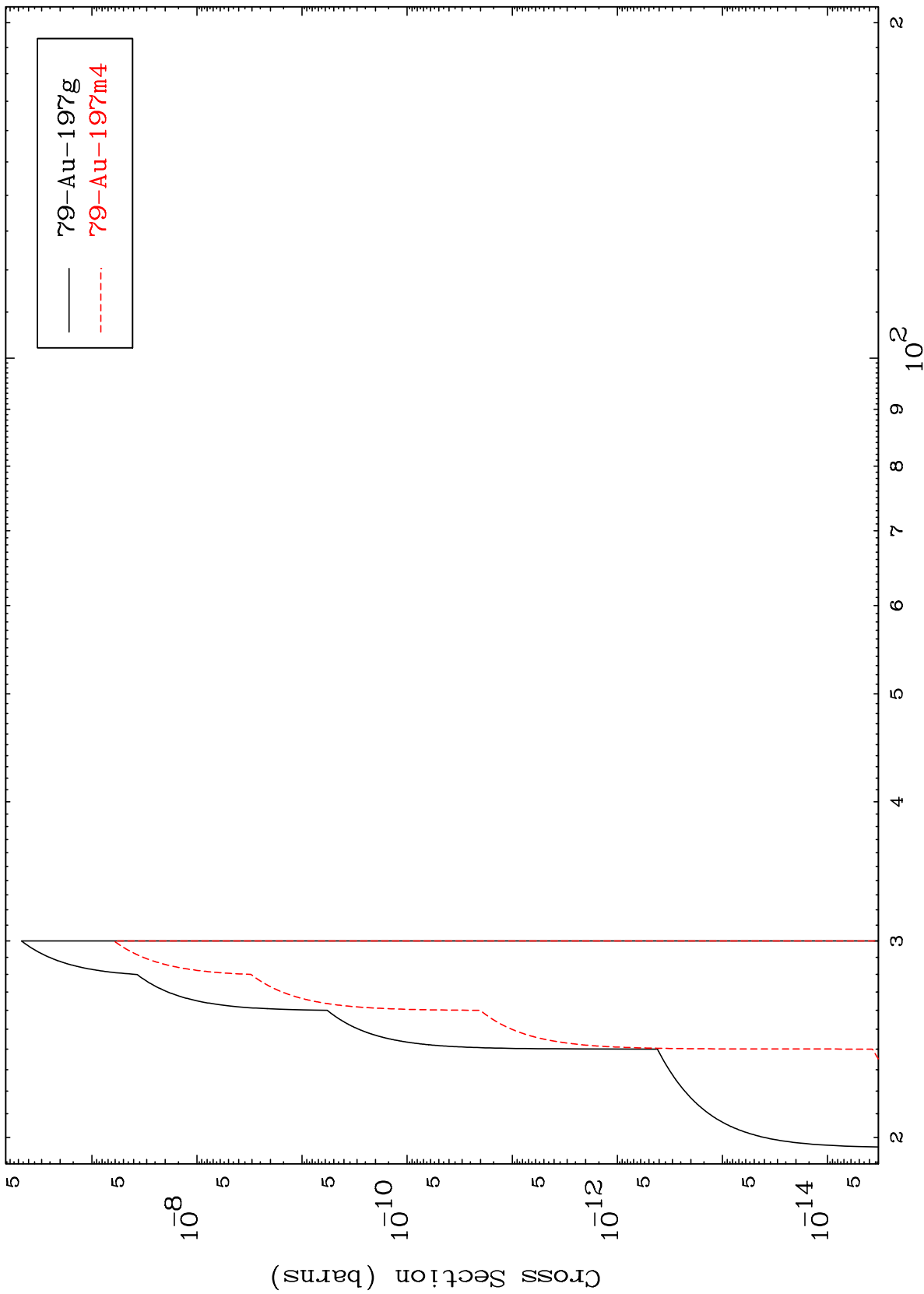


MAT 8037

(γ, n') d

80-Hg-200

Radionuclide Production Cross Section



14

Incident Energy (MeV)

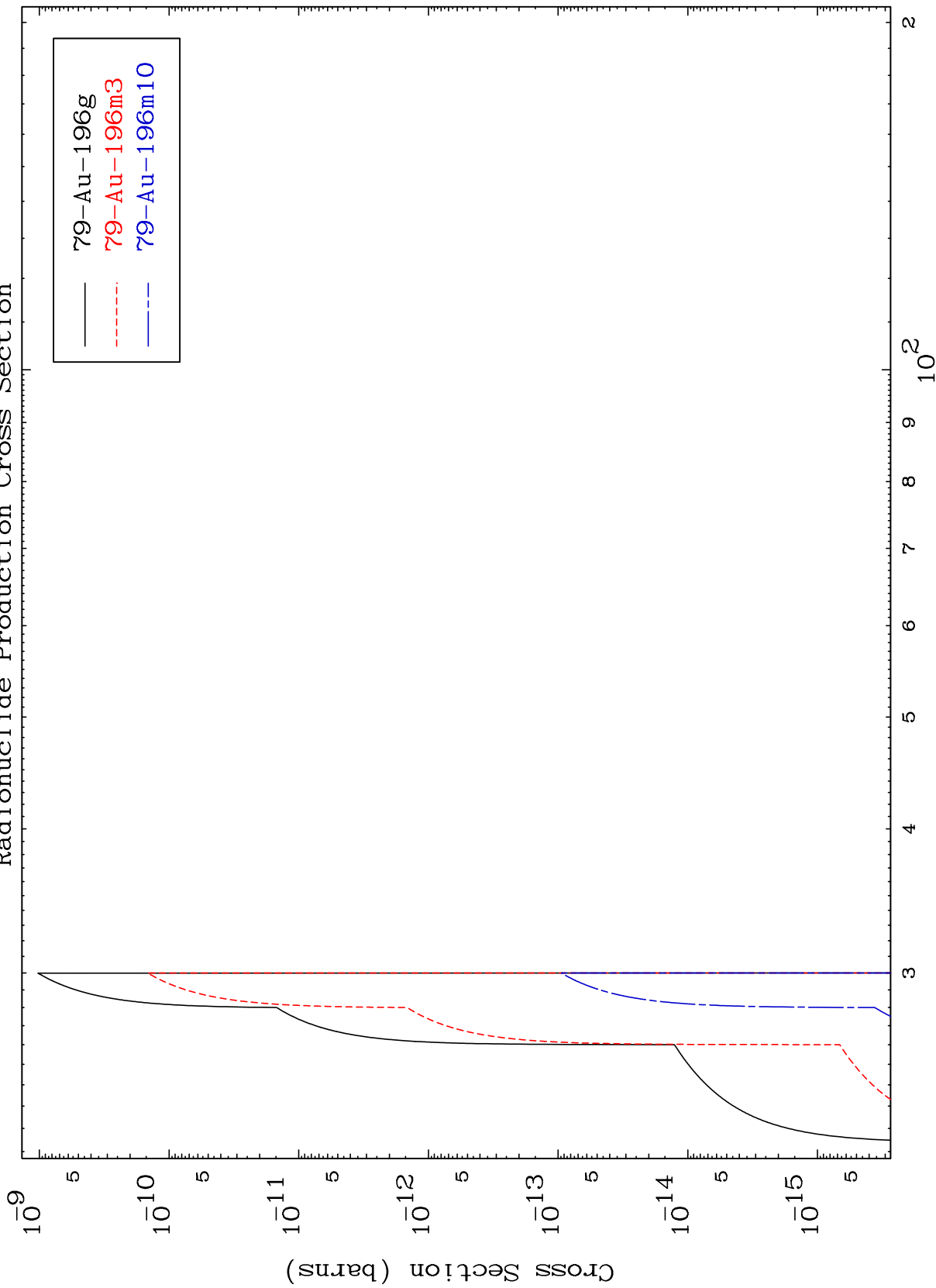
80-Hg-200

MAT 8037

(γ, n') t

80-Hg-200

Radionuclide Production Cross Section



15

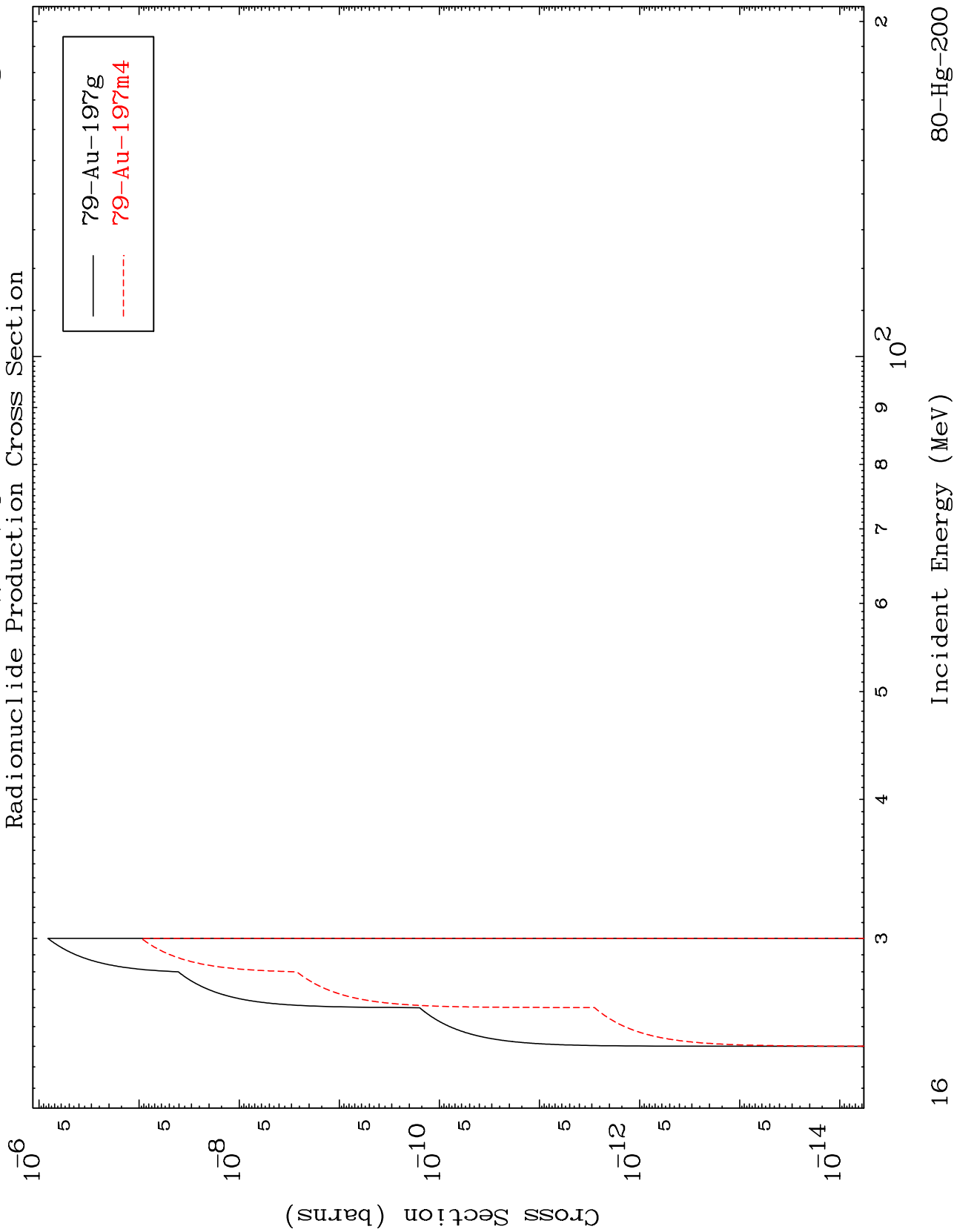
Incident Energy (MeV)

80-Hg-200

MAT 8037

($\gamma, 2n$) p

80-Hg-200



16

Incident Energy (MeV)

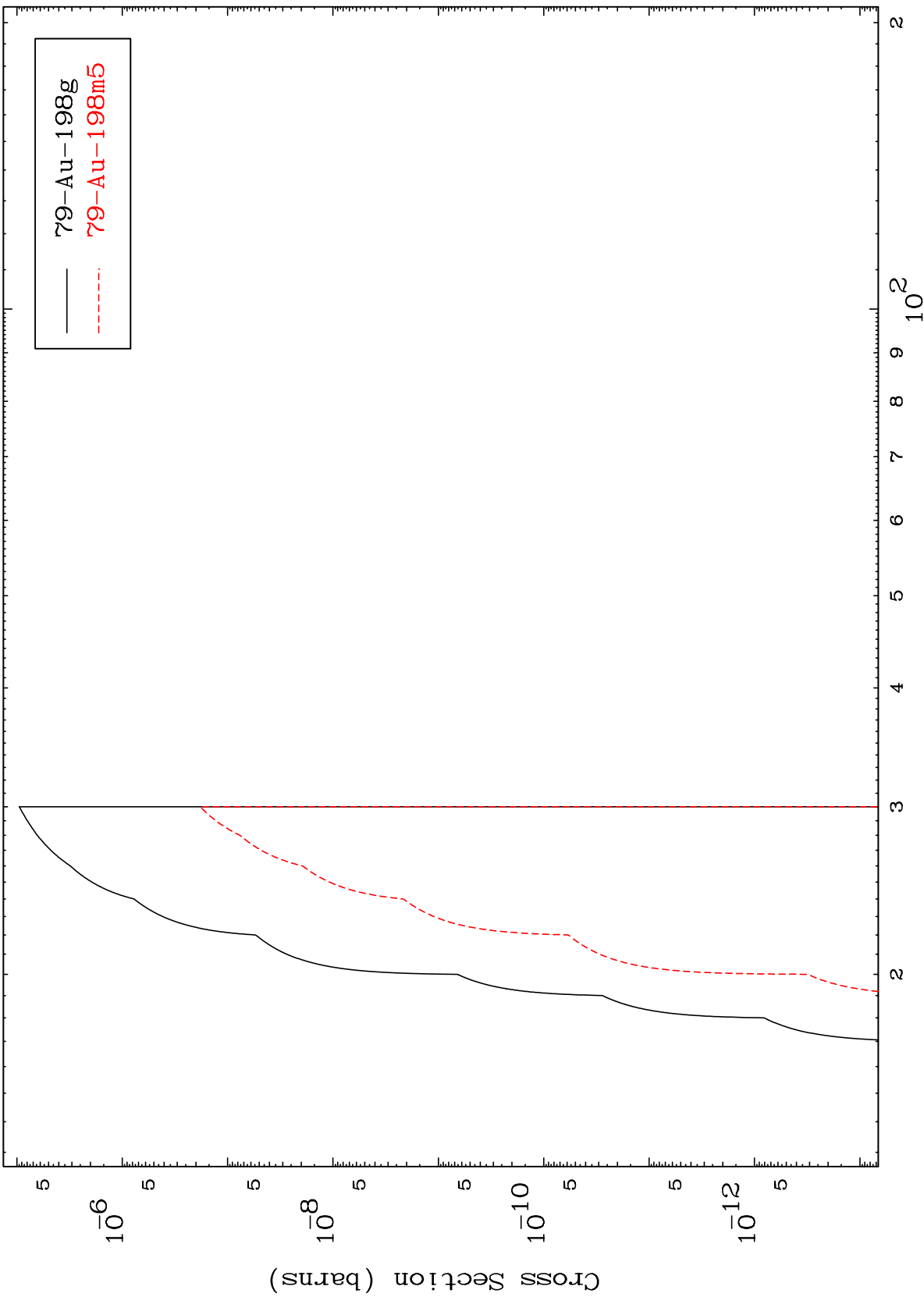
80-Hg-200

MAT 8037

(γ, d)

80-Hg-200

Radionuclide Production Cross Section



17

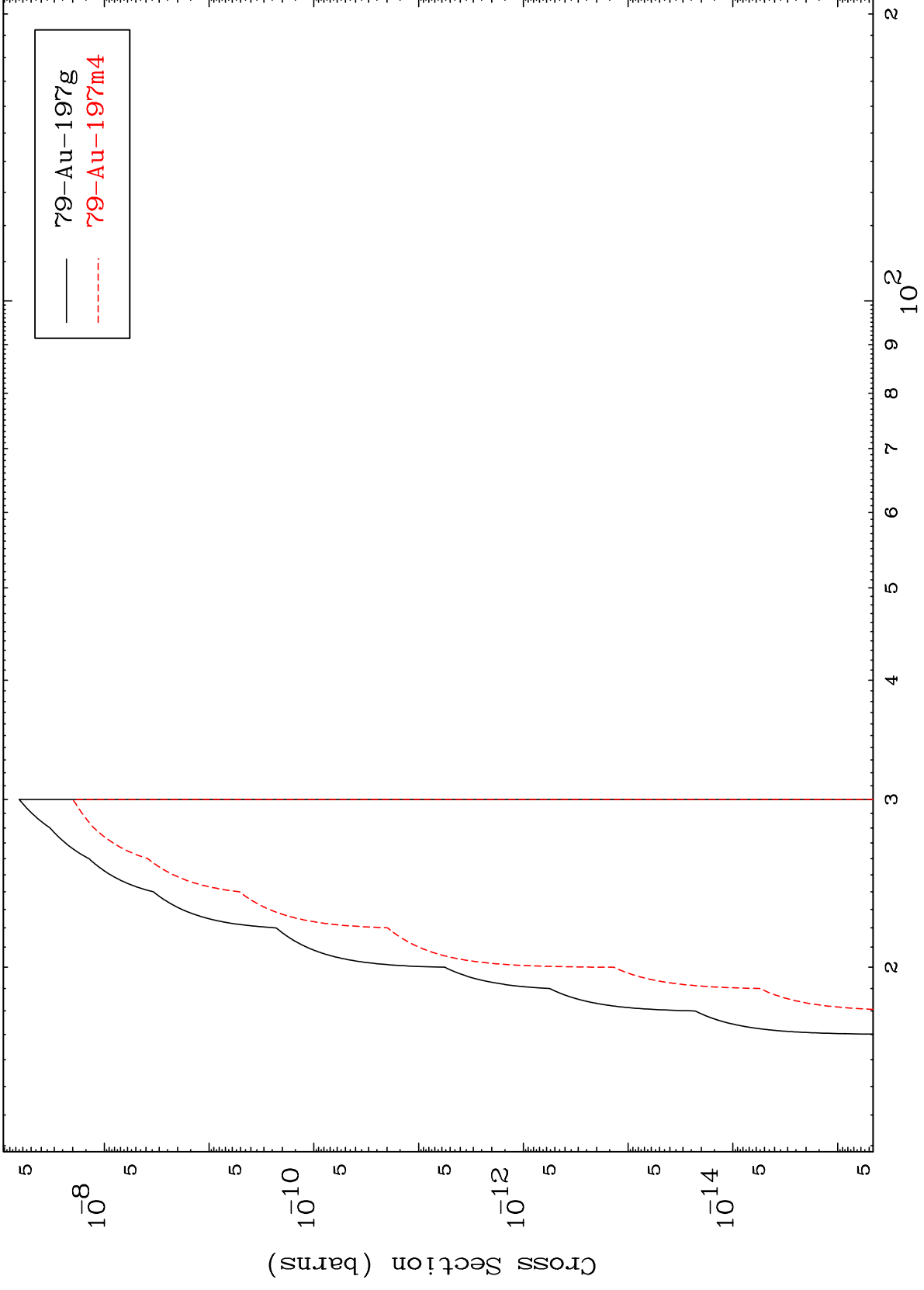
Incident Energy (MeV)

80-Hg-200

MAT 8037

80-Hg-200

(γ, t)
Radionuclide Production Cross Section



79-Au-197g
79-Au-197m4

18

Incident Energy (MeV)

80-Hg-200