

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

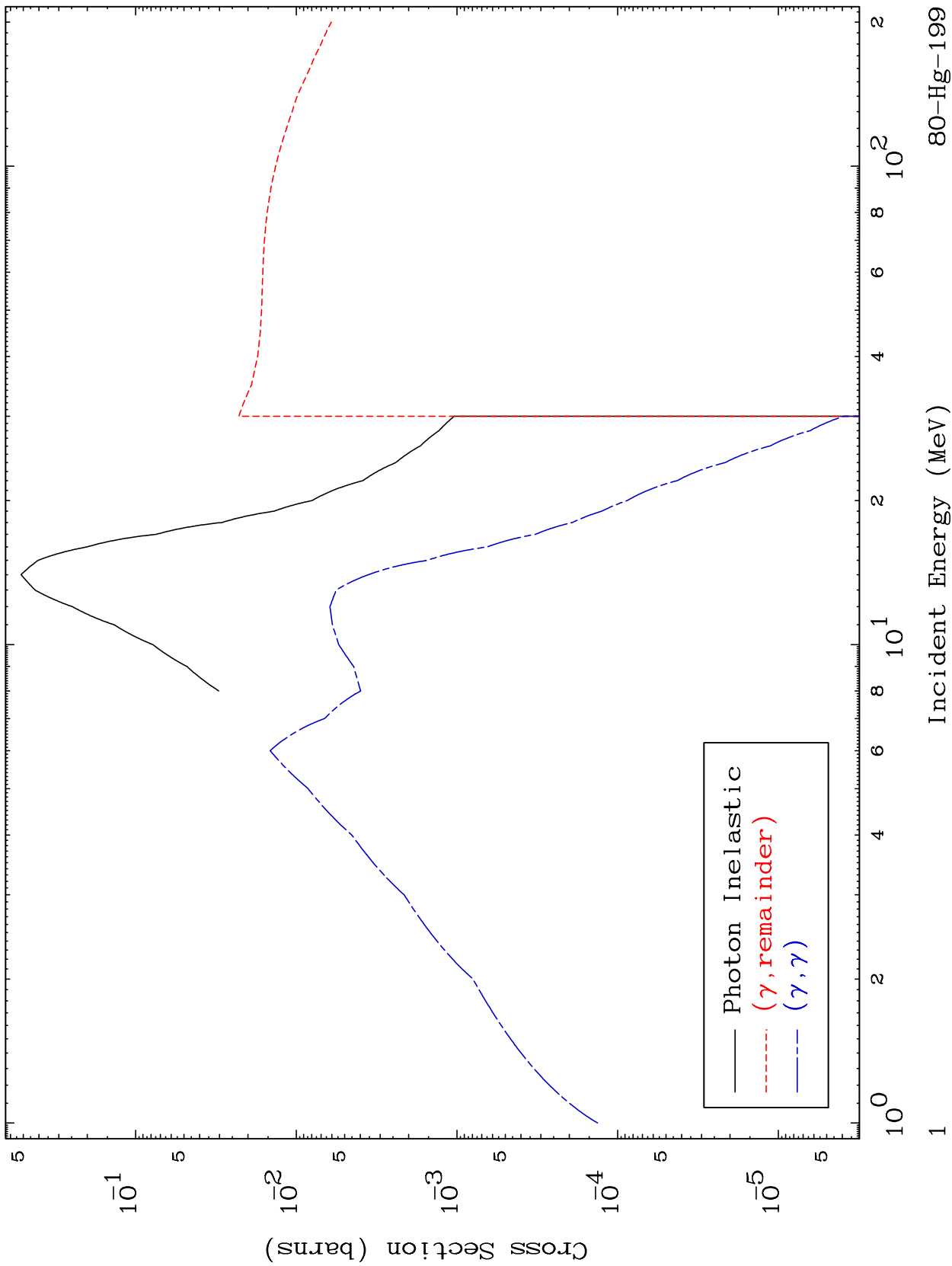
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8034

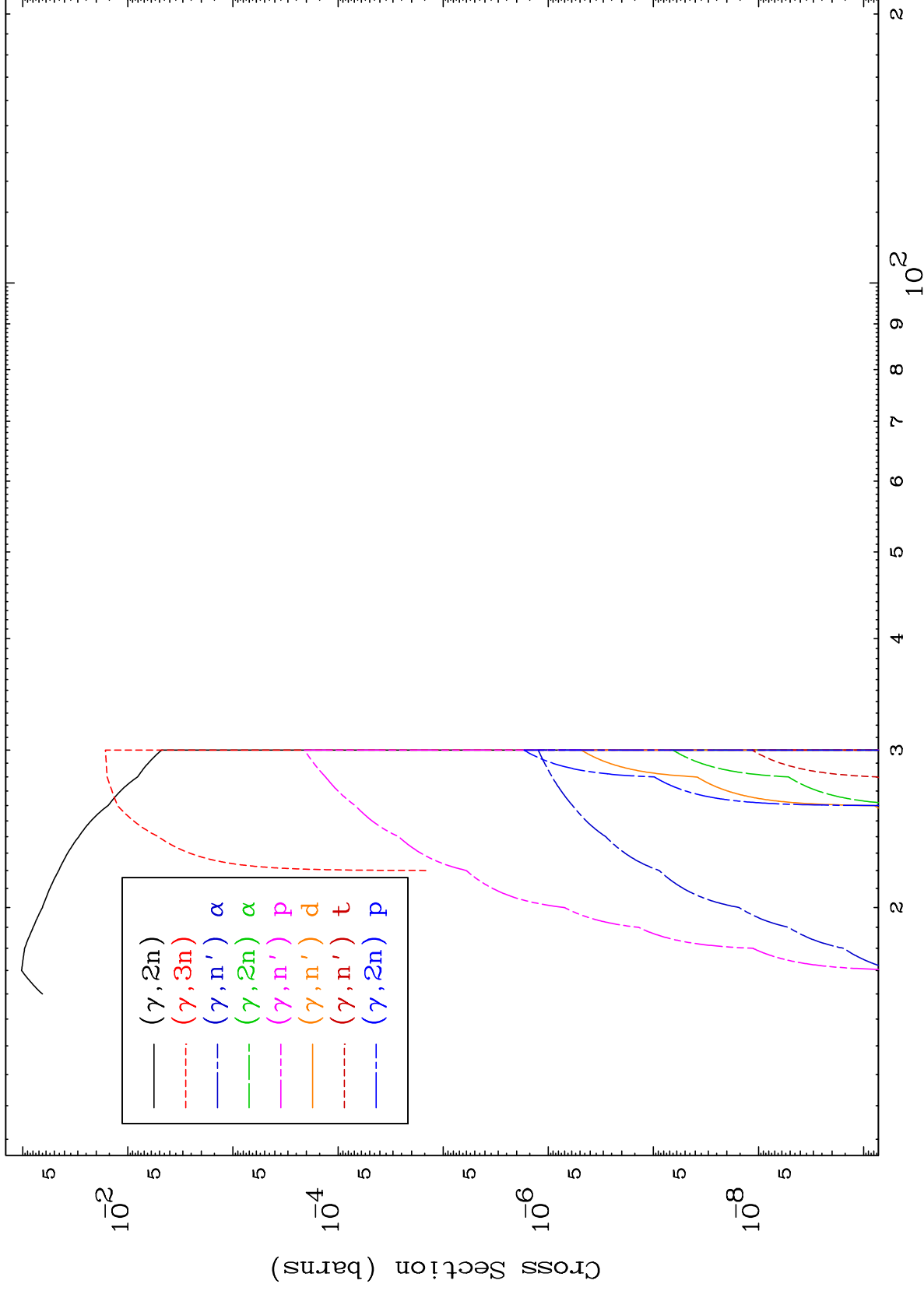
Photon Major
0 Kelvin Cross Sections

80-Hg-199



80-Hg-199

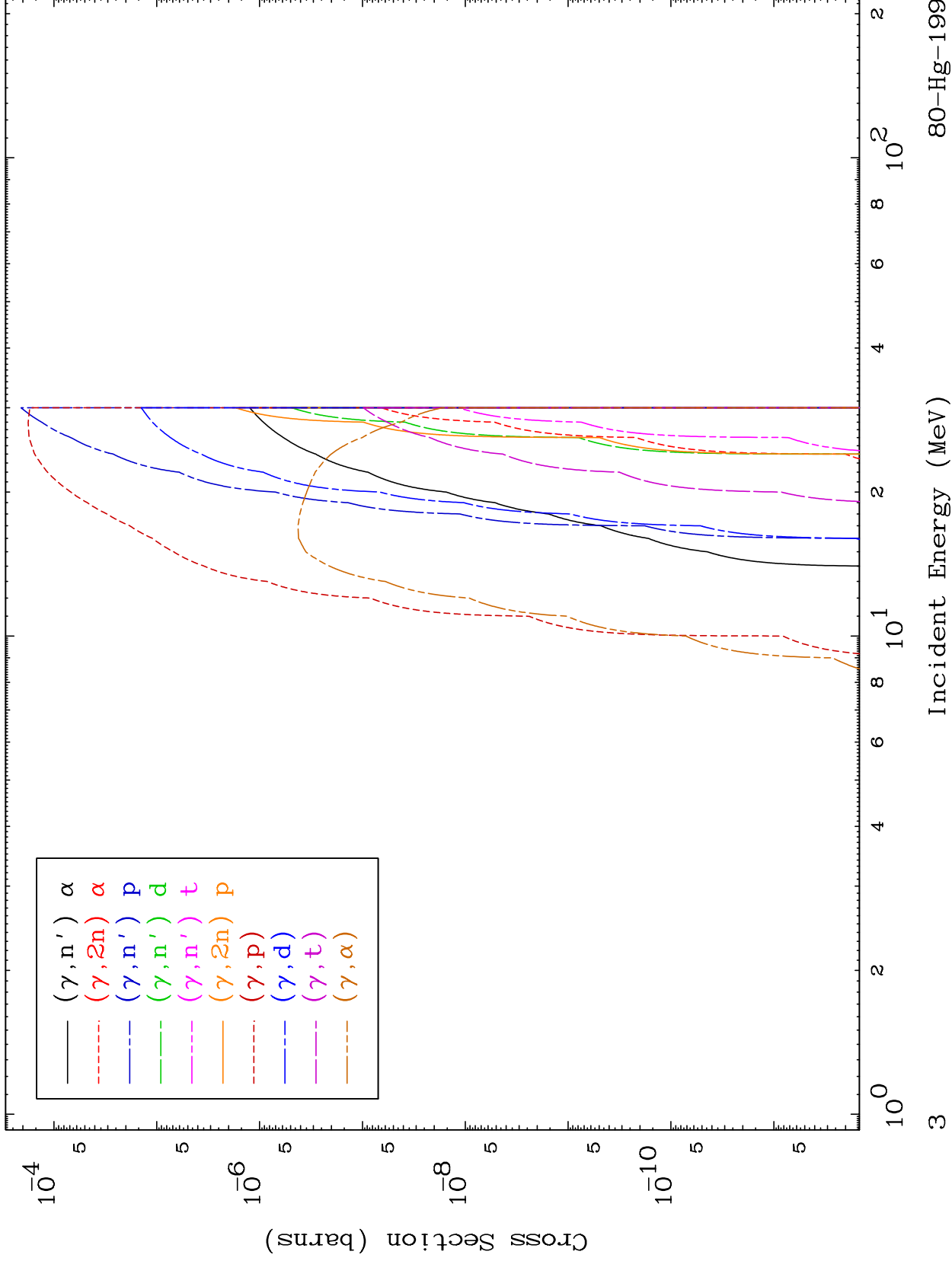
Incident Energy (MeV)



MAT 8034

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-199



Incident Energy (MeV)

80-Hg-199

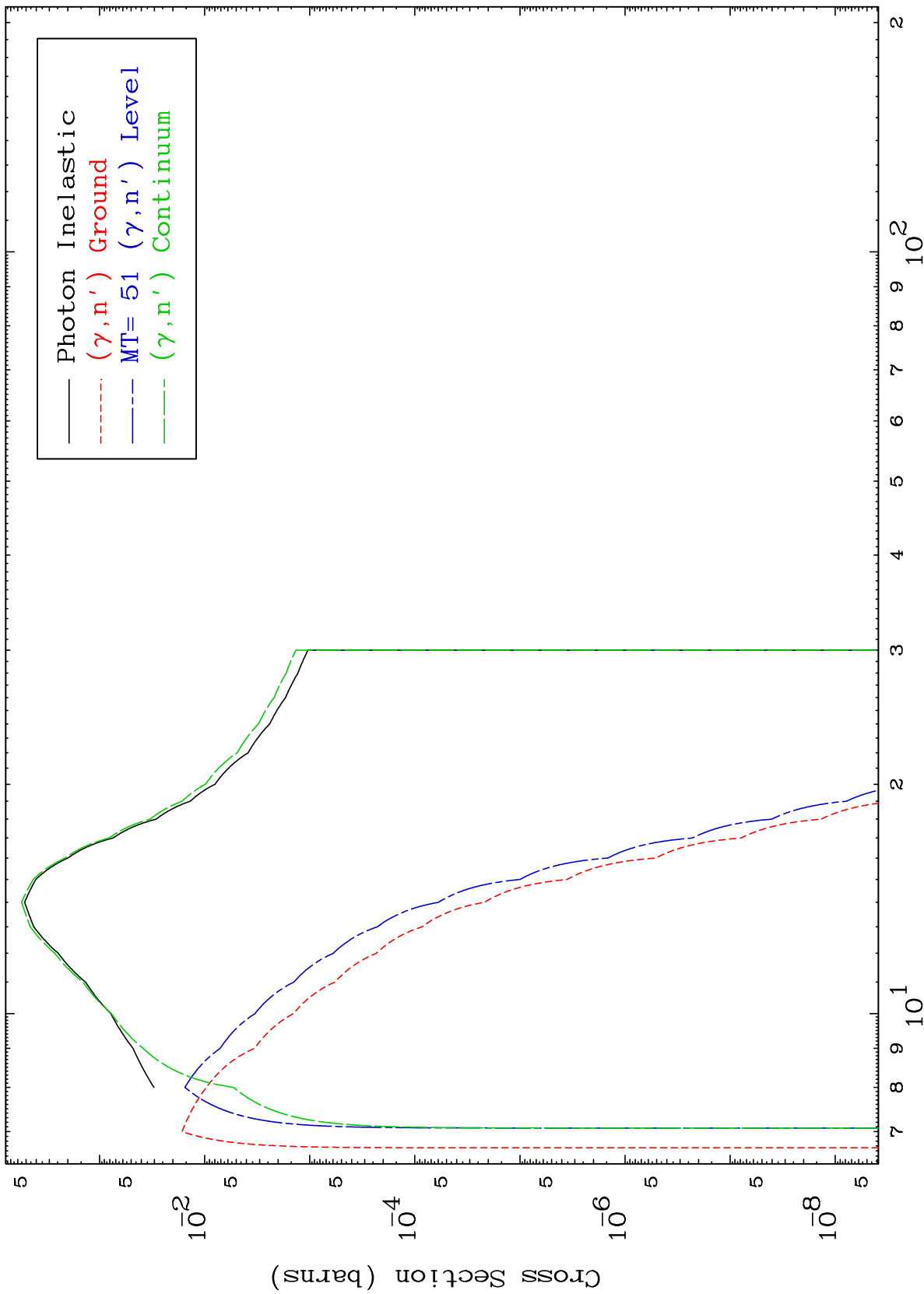
3

MAT 8034

(γ, n') Level

80-Hg-199

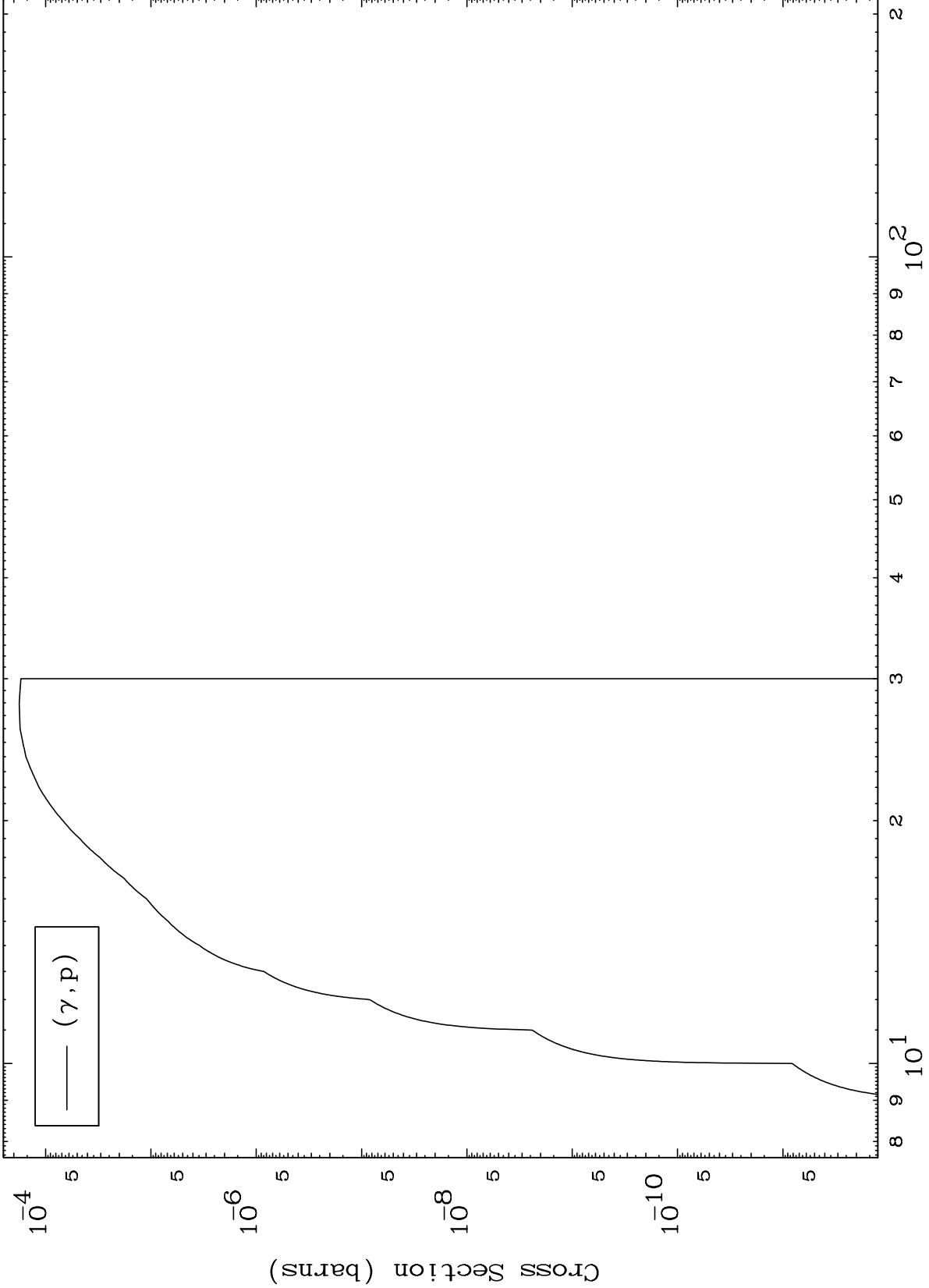
0 Kelvin Cross Sections



4

Incident Energy (MeV)

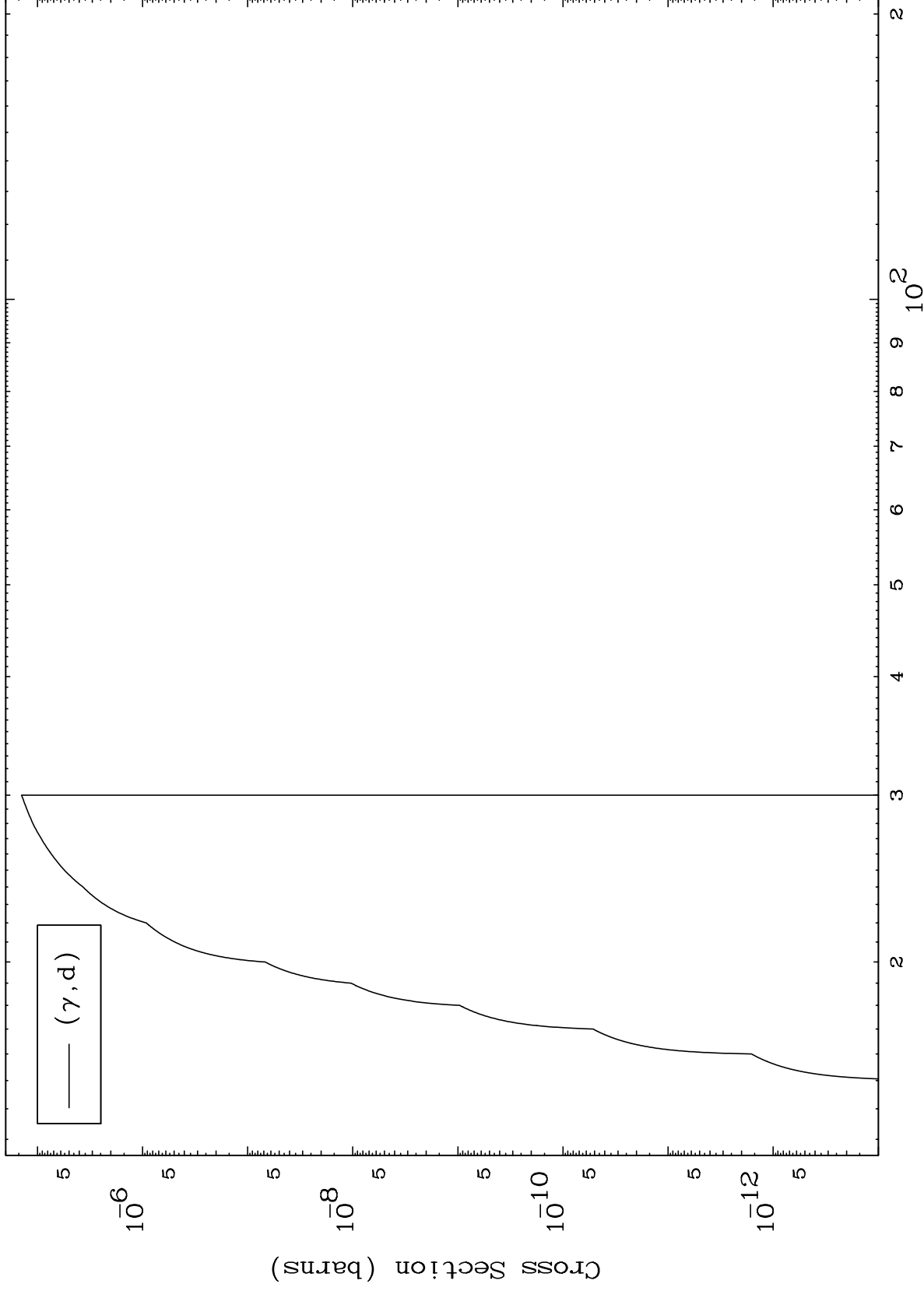
80-Hg-199



MAT 8034

(γ, d) Levels
0 Kelvin Cross Sections

80-Hg-199



Incident Energy (MeV)

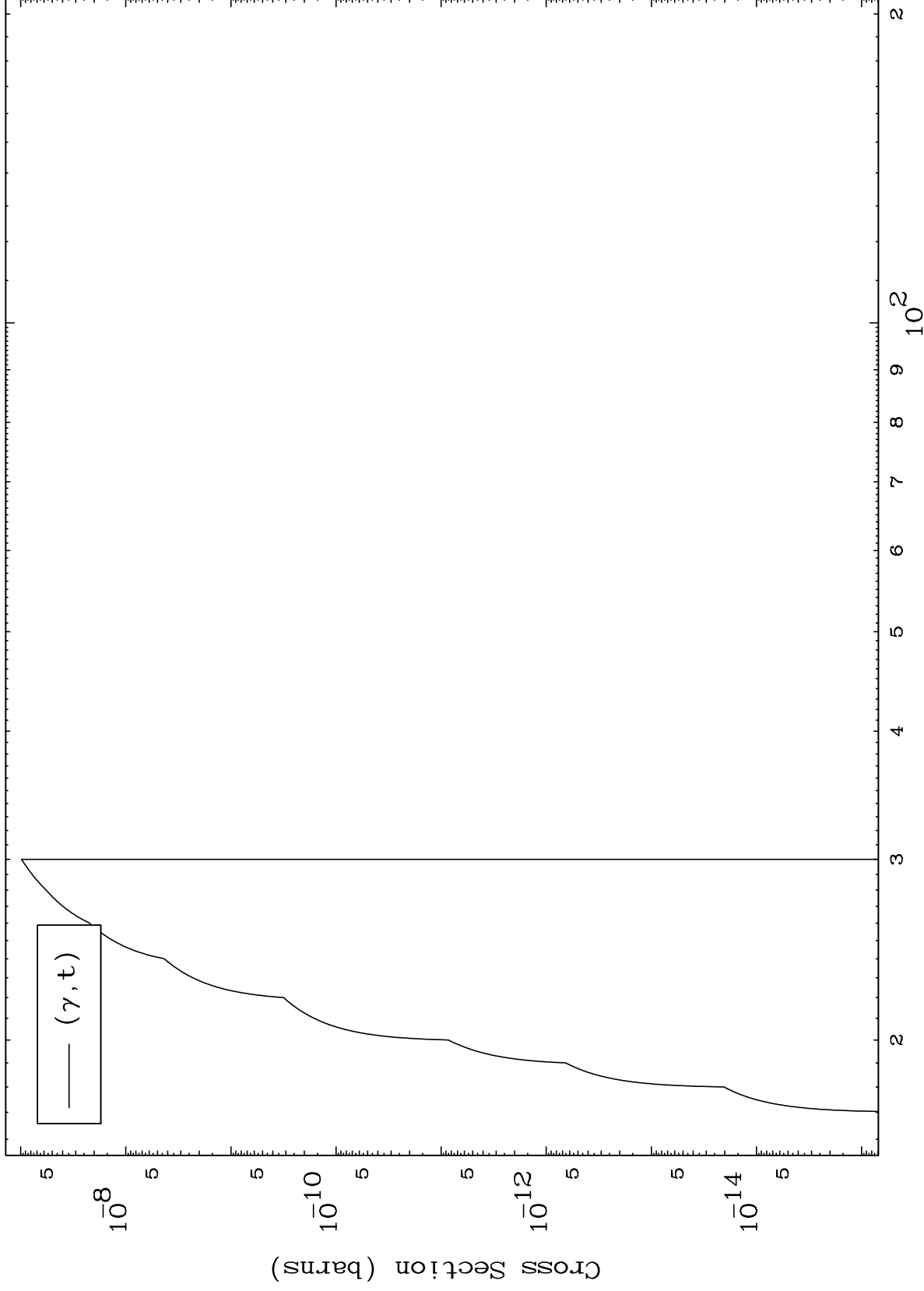
80-Hg-199

6

MAT 8034

(γ, t) Levels
0 Kelvin Cross Sections

80-Hg-199



7

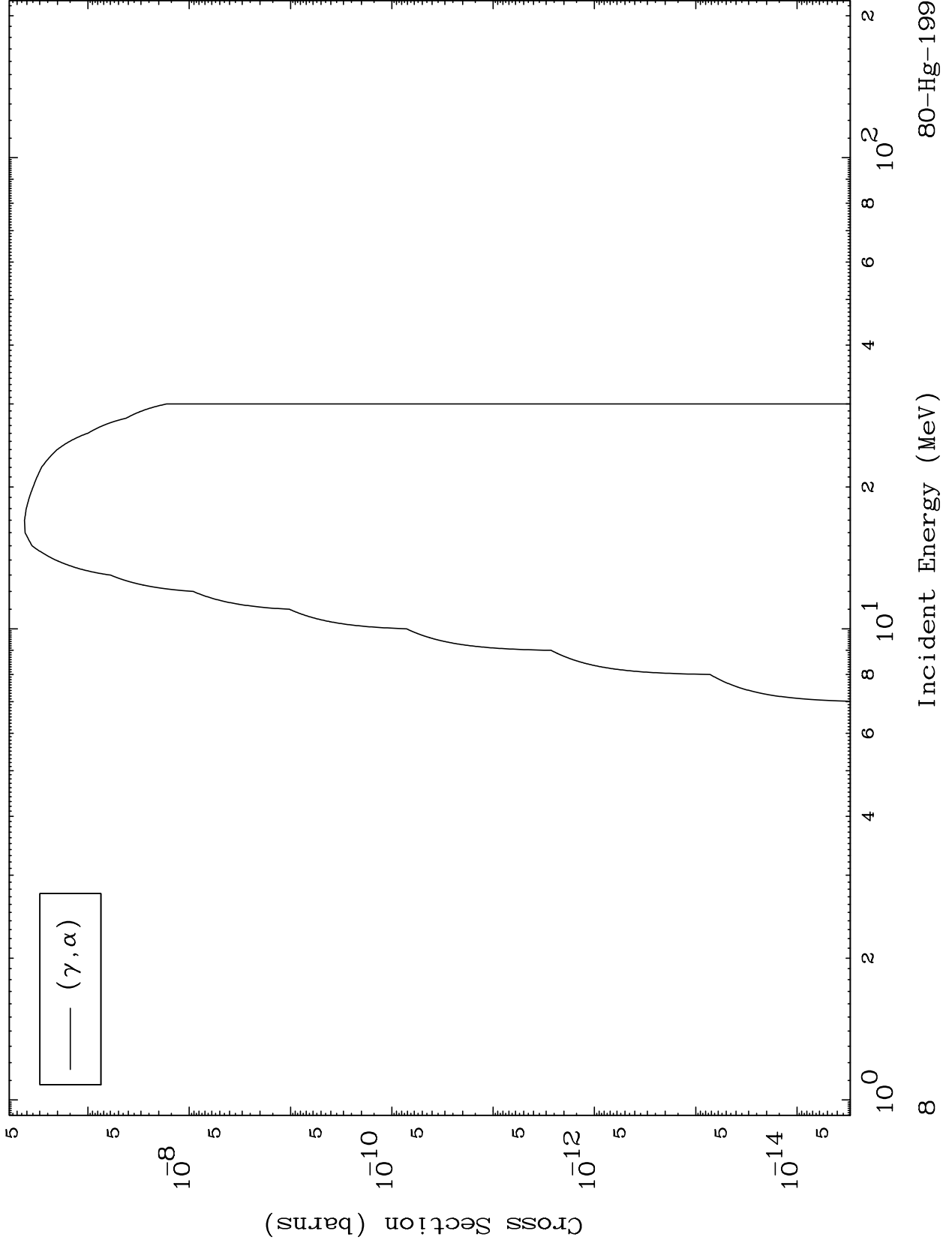
Incident Energy (MeV)

80-Hg-199

MAT 8034

(γ, α) Levels
0 Kelvin Cross Sections

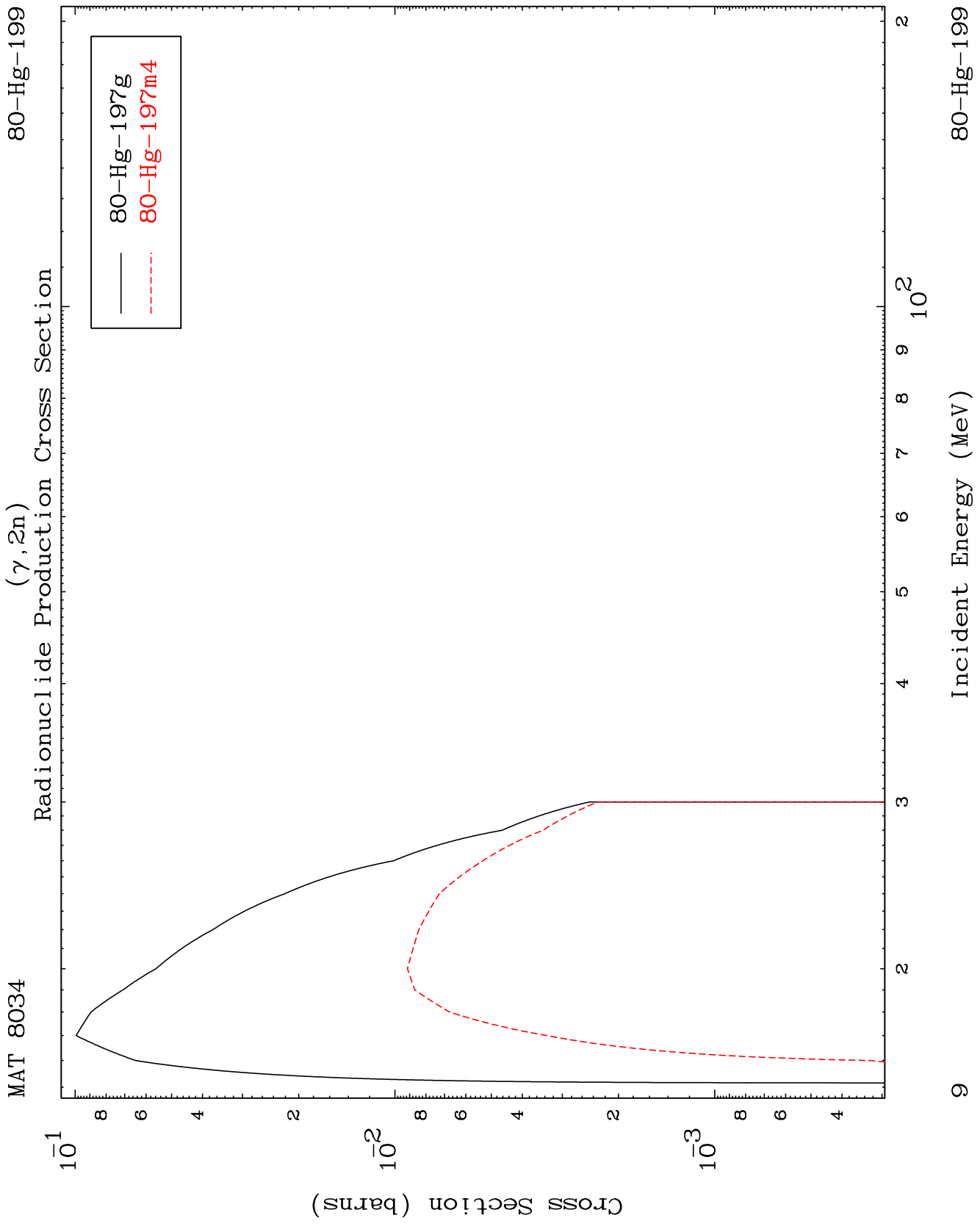
80-Hg-199



80-Hg-199

Incident Energy (MeV)

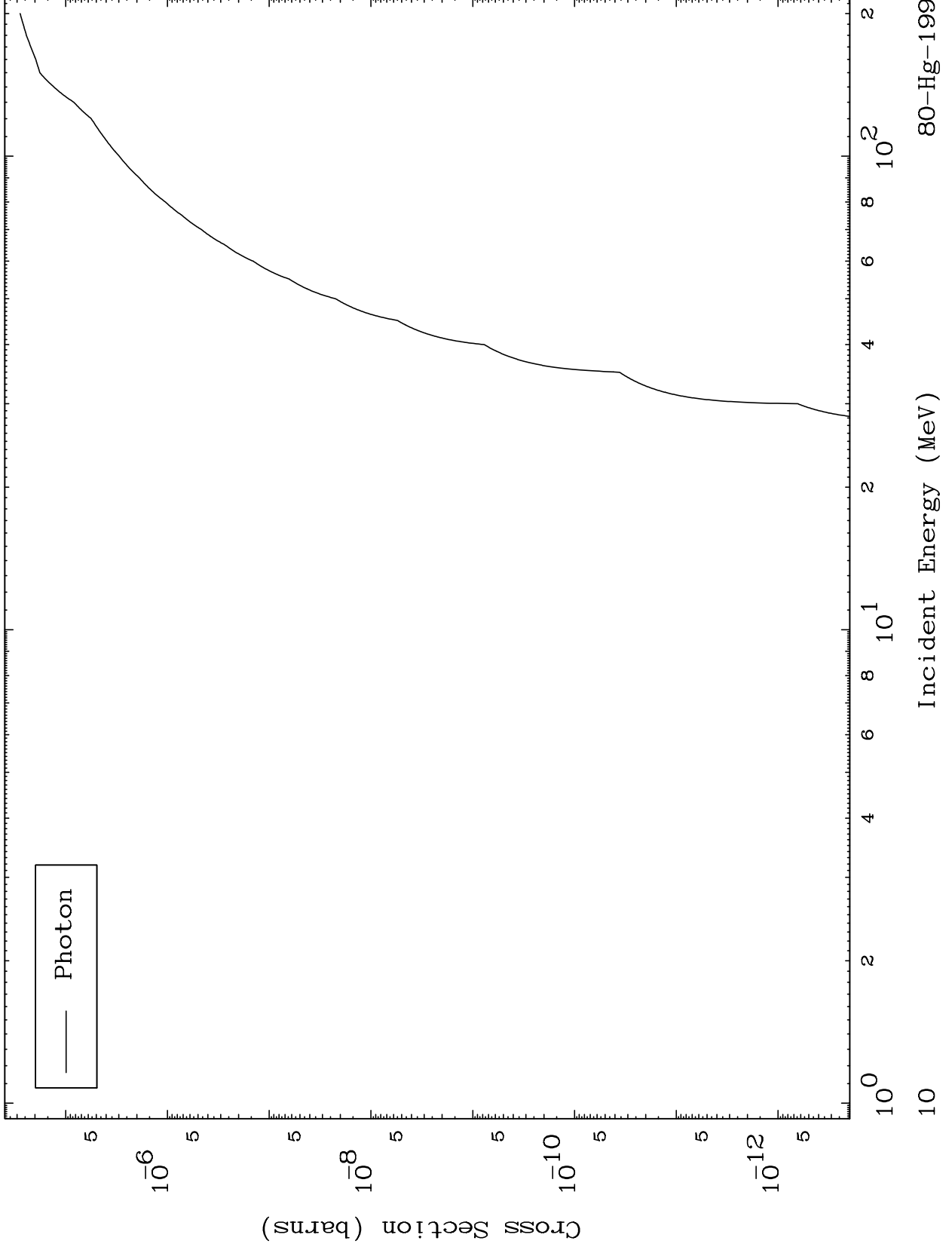
8



MAT 8034

Photon Fission
Radionuclide Production Cross Section

80-Hg-199

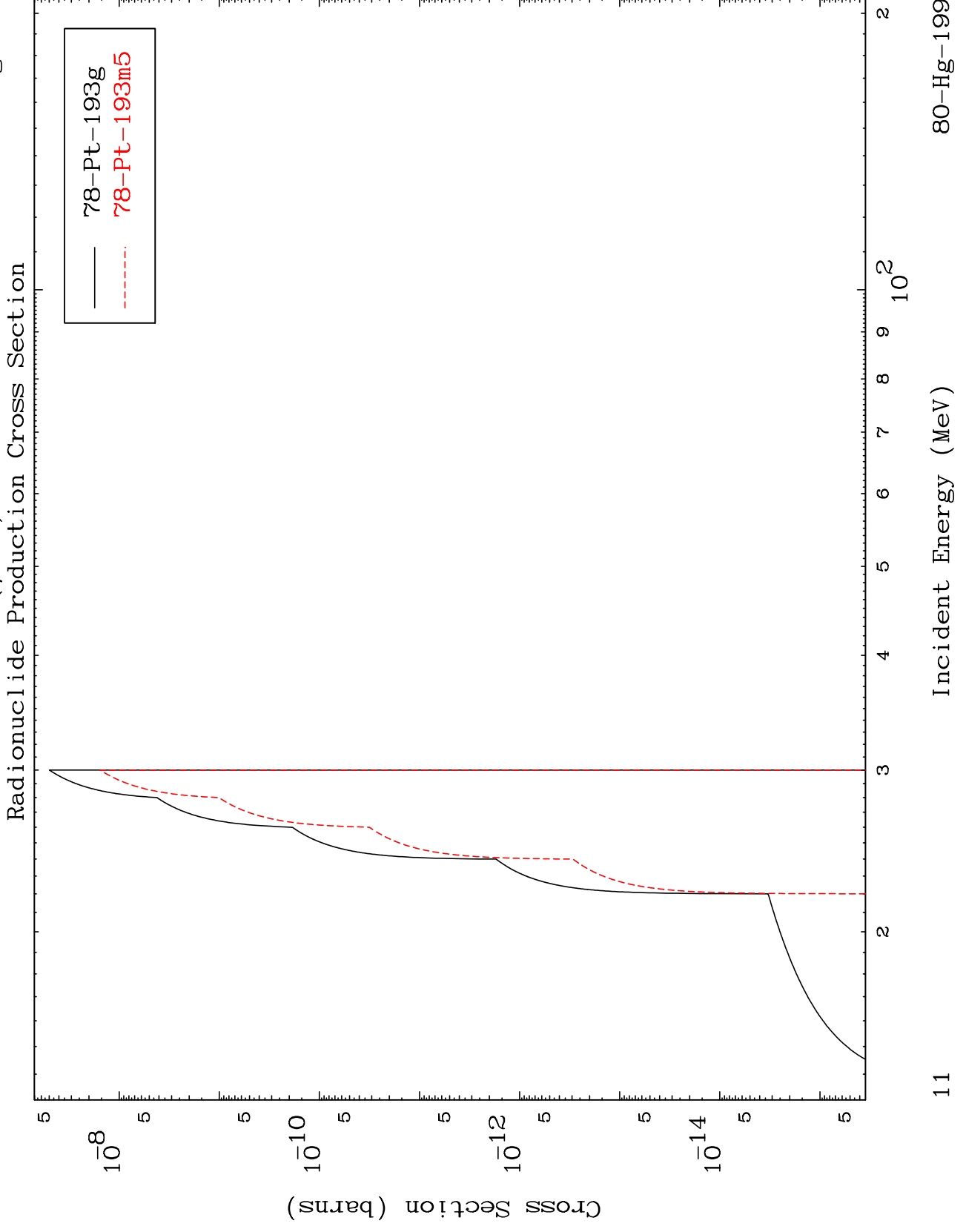


80-Hg-199

MAT 8034

$(\gamma, 2n) \alpha$

80-Hg-199

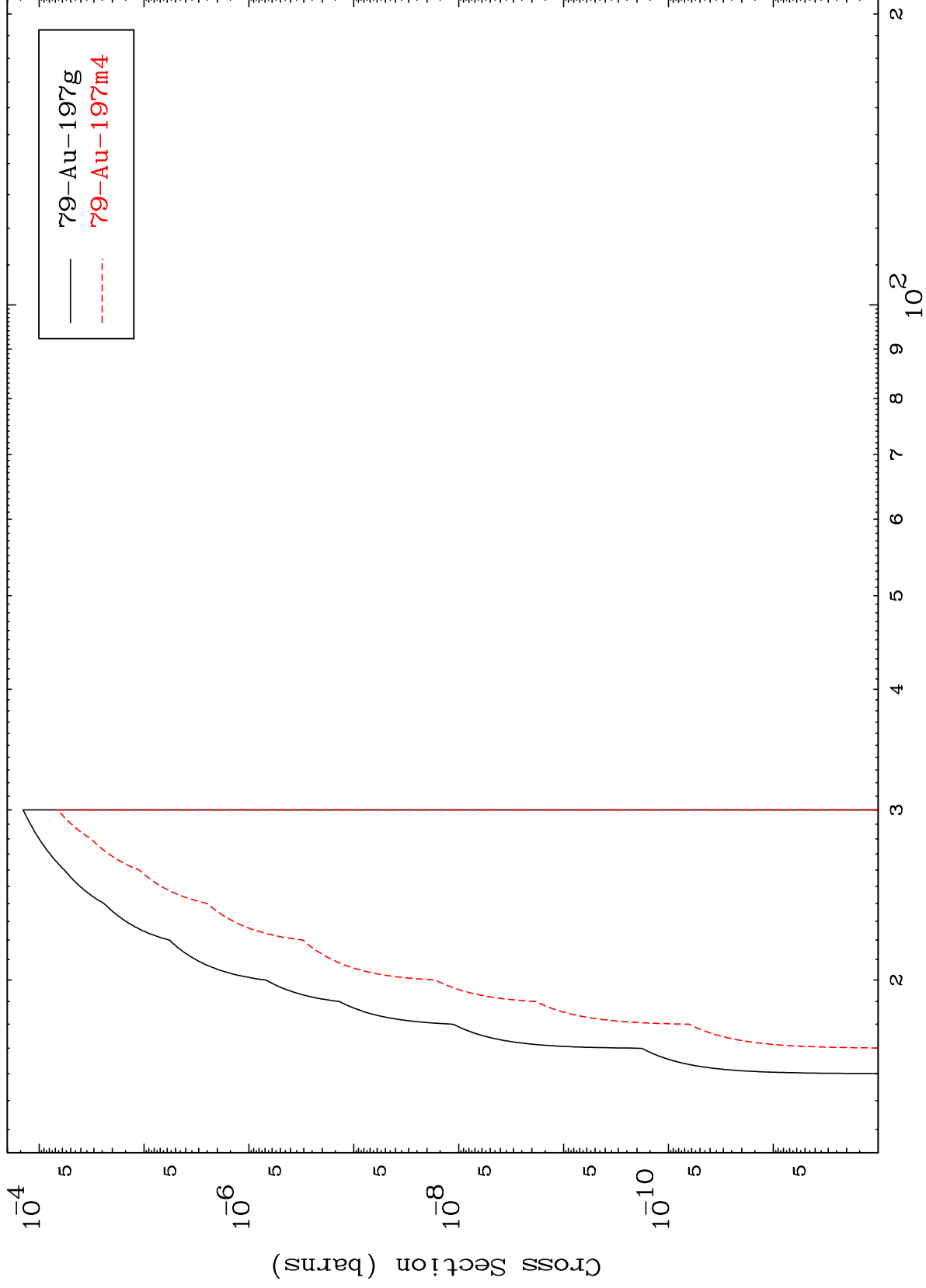


MAT 8034

(γ, n') p

80-Hg-199

Radionuclide Production Cross Section



12

Incident Energy (MeV)

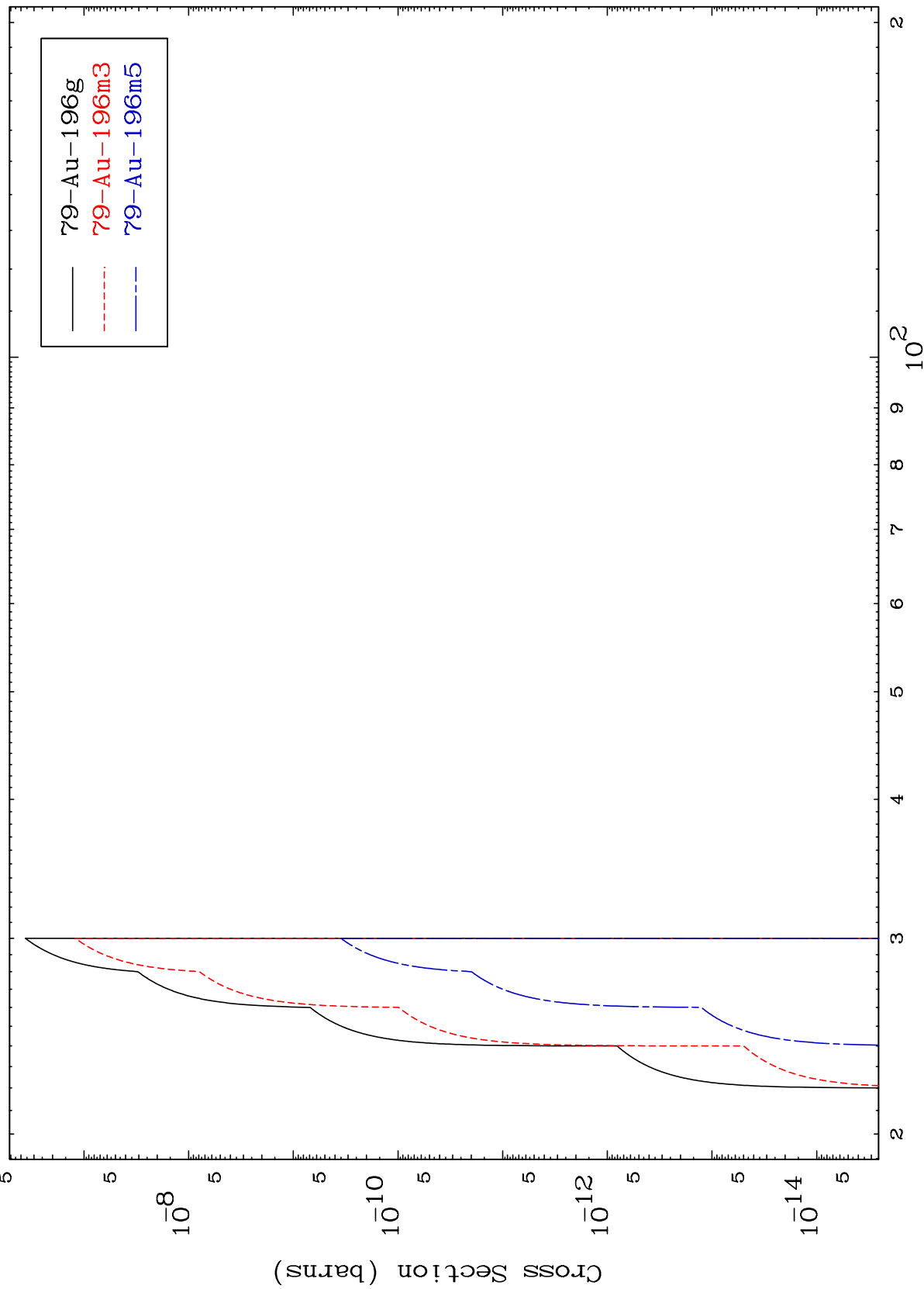
80-Hg-199

MAT 8034

(γ, n') d

80-Hg-199

Radionuclide Production Cross Section



13

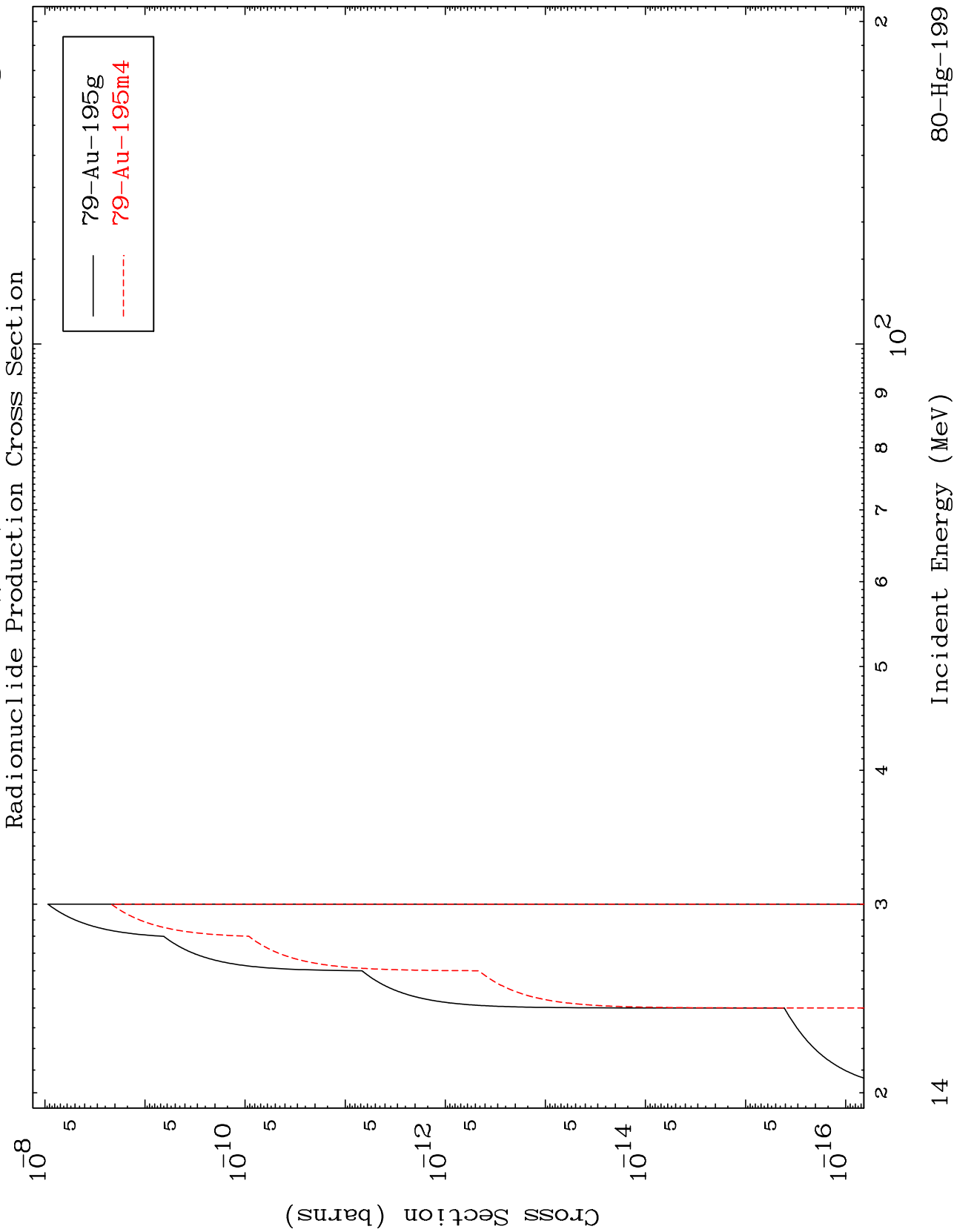
Incident Energy (MeV)

80-Hg-199

MAT 8034

(γ, n') t

80-Hg-199



14

Incident Energy (MeV)

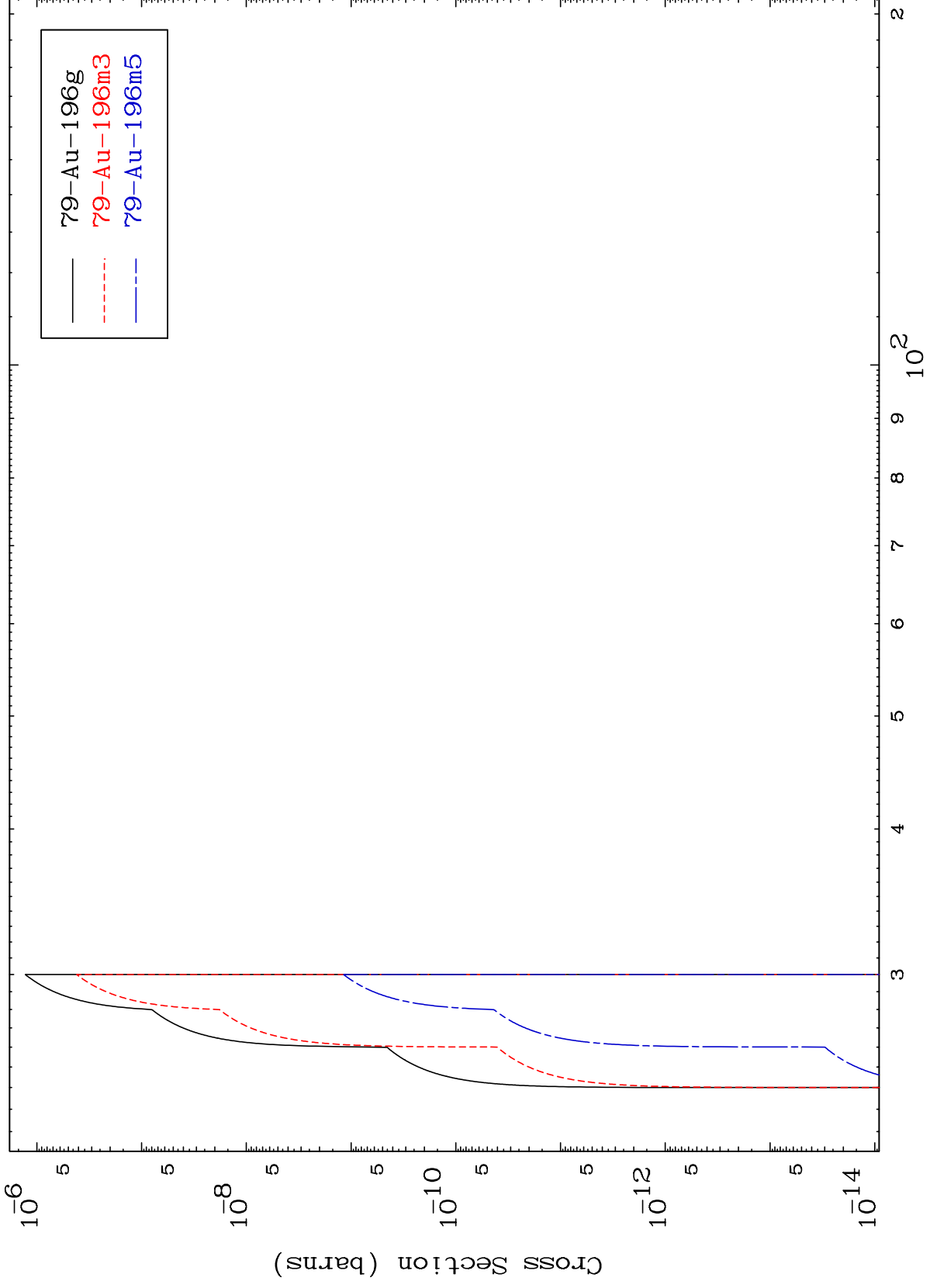
80-Hg-199

MAT 8034

$(\gamma, 2n)$ p

80-Hg-199

Radionuclide Production Cross Section



15

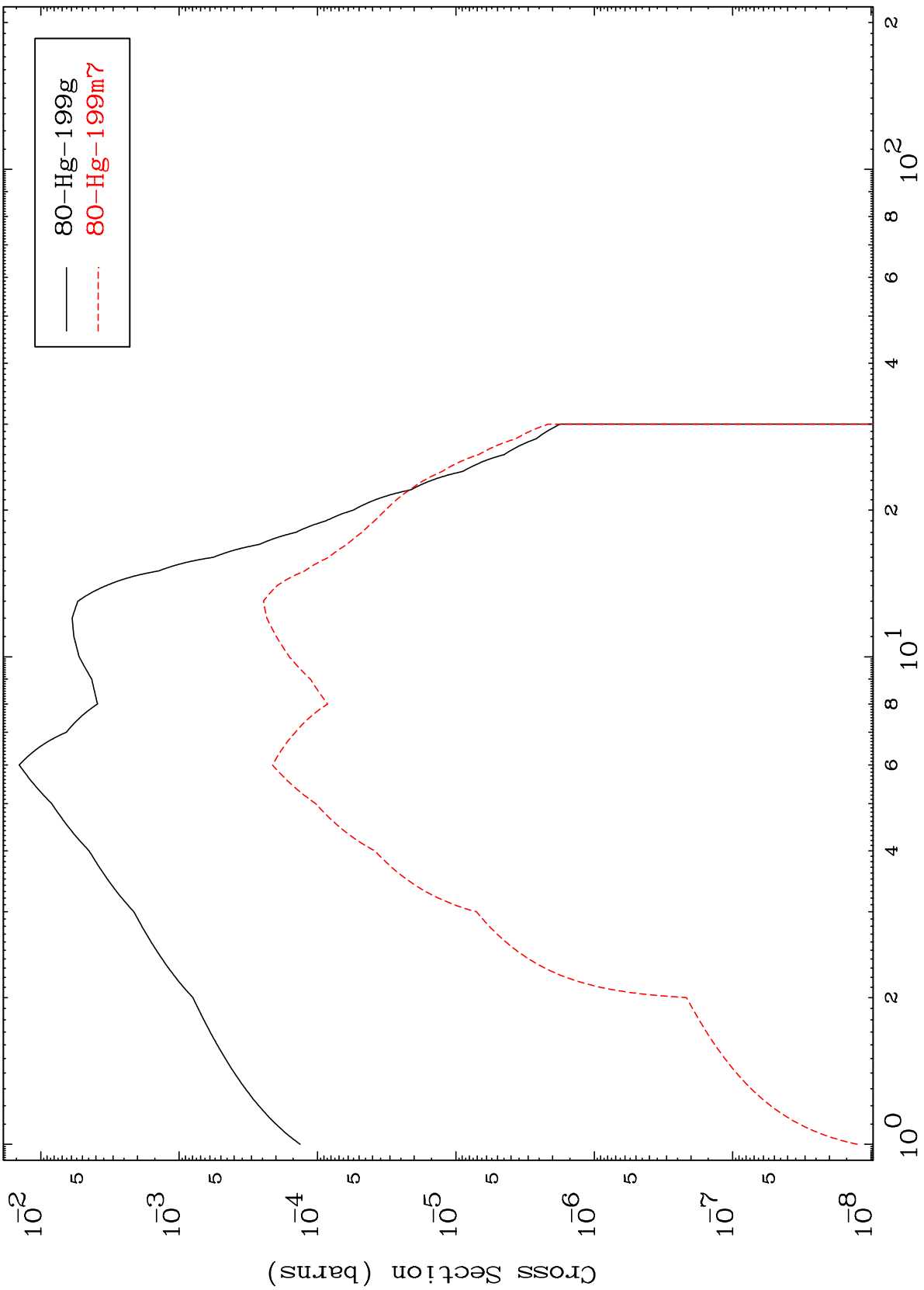
Incident Energy (MeV)

80-Hg-199

MAT 8034

80-Hg-199

Radionuclide Production Cross Section
(γ, γ)



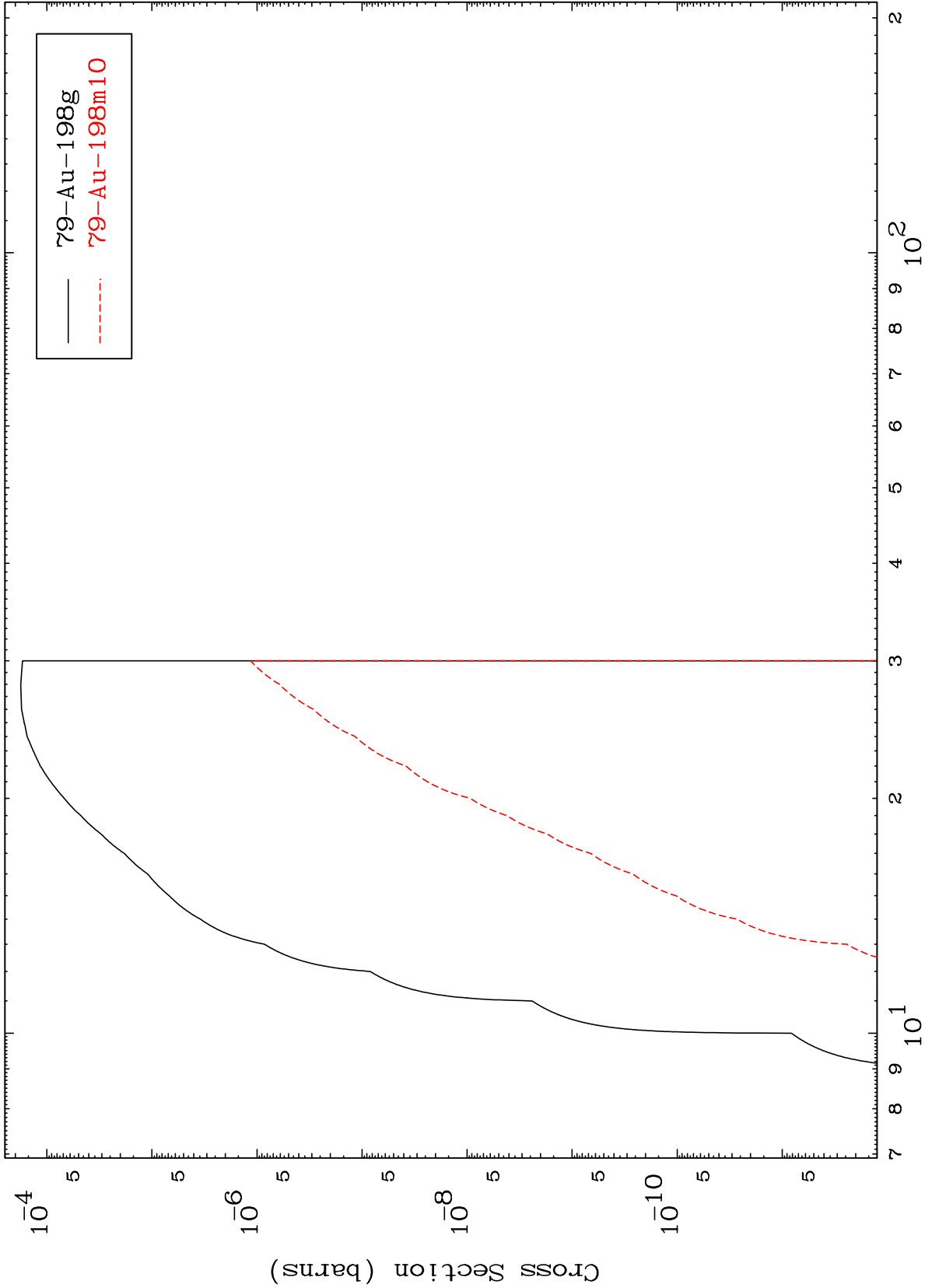
Incident Energy (MeV)

80-Hg-199

MAT 8034

80-Hg-199

(γ, p)
Radionuclide Production Cross Section



79-Au-198g
79-Au-198m10

80-Hg-199

Incident Energy (MeV)

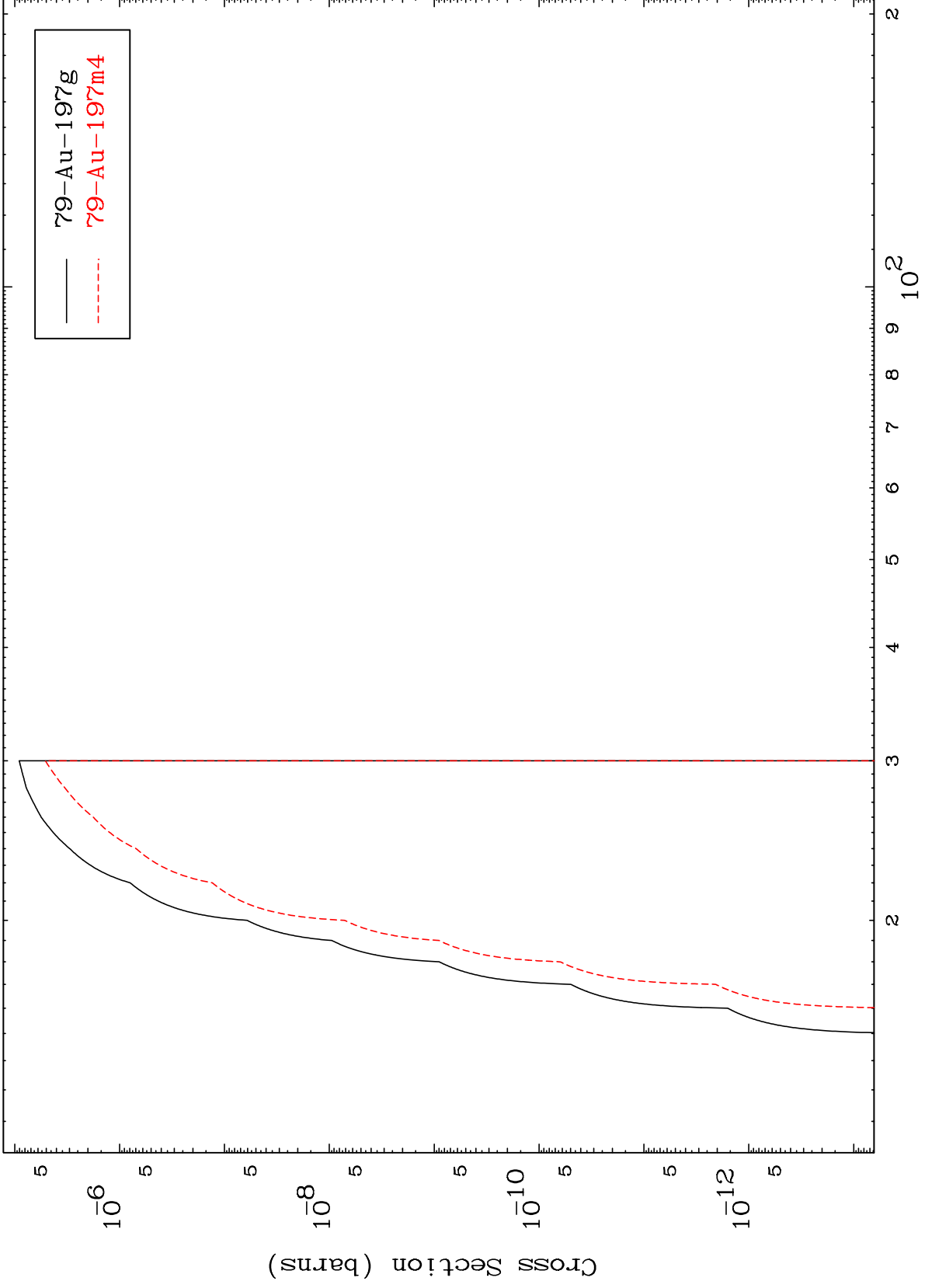
17

MAT 8034

(γ, d)

80-Hg-199

Radionuclide Production Cross Section

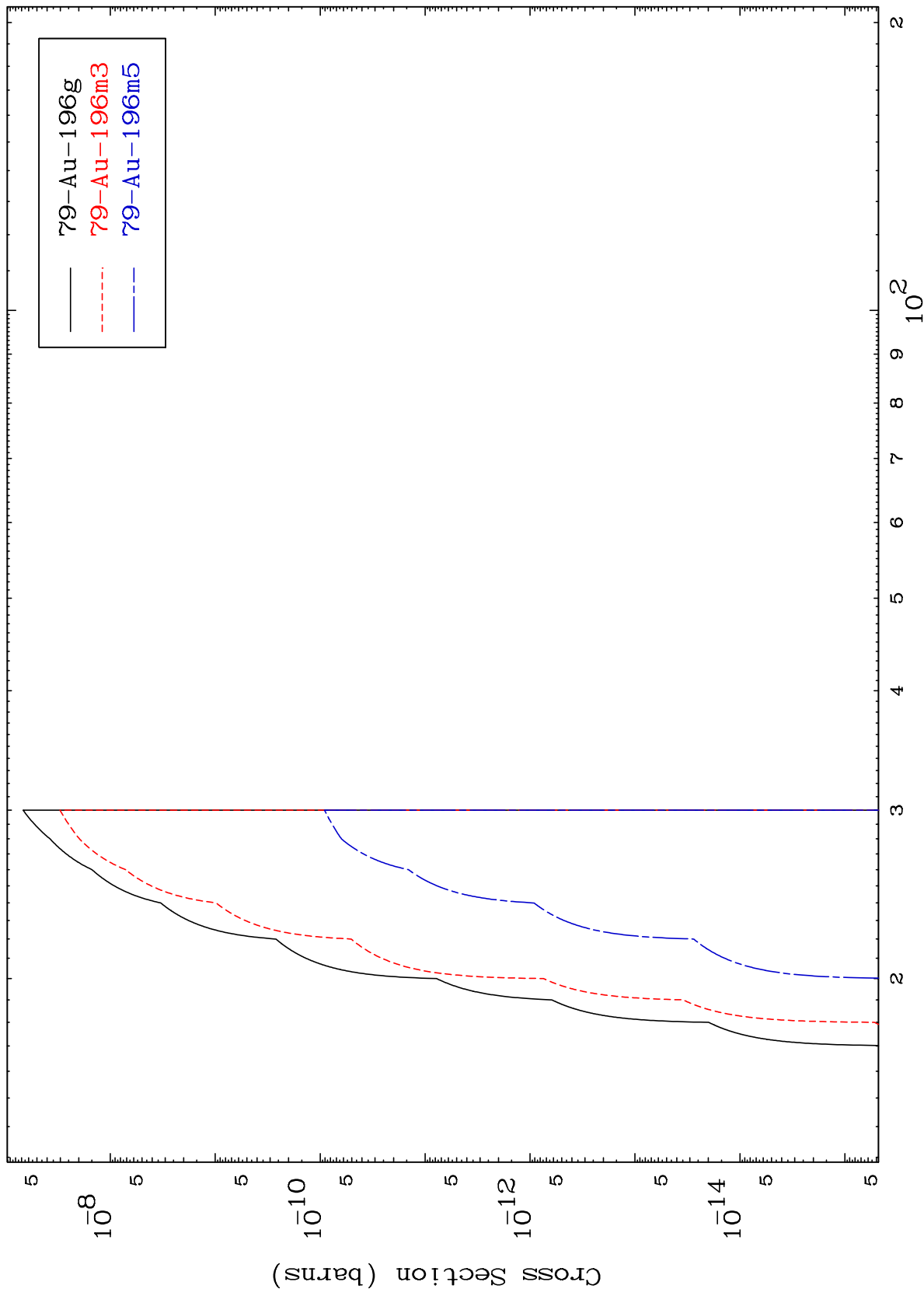


18

Incident Energy (MeV)

80-Hg-199

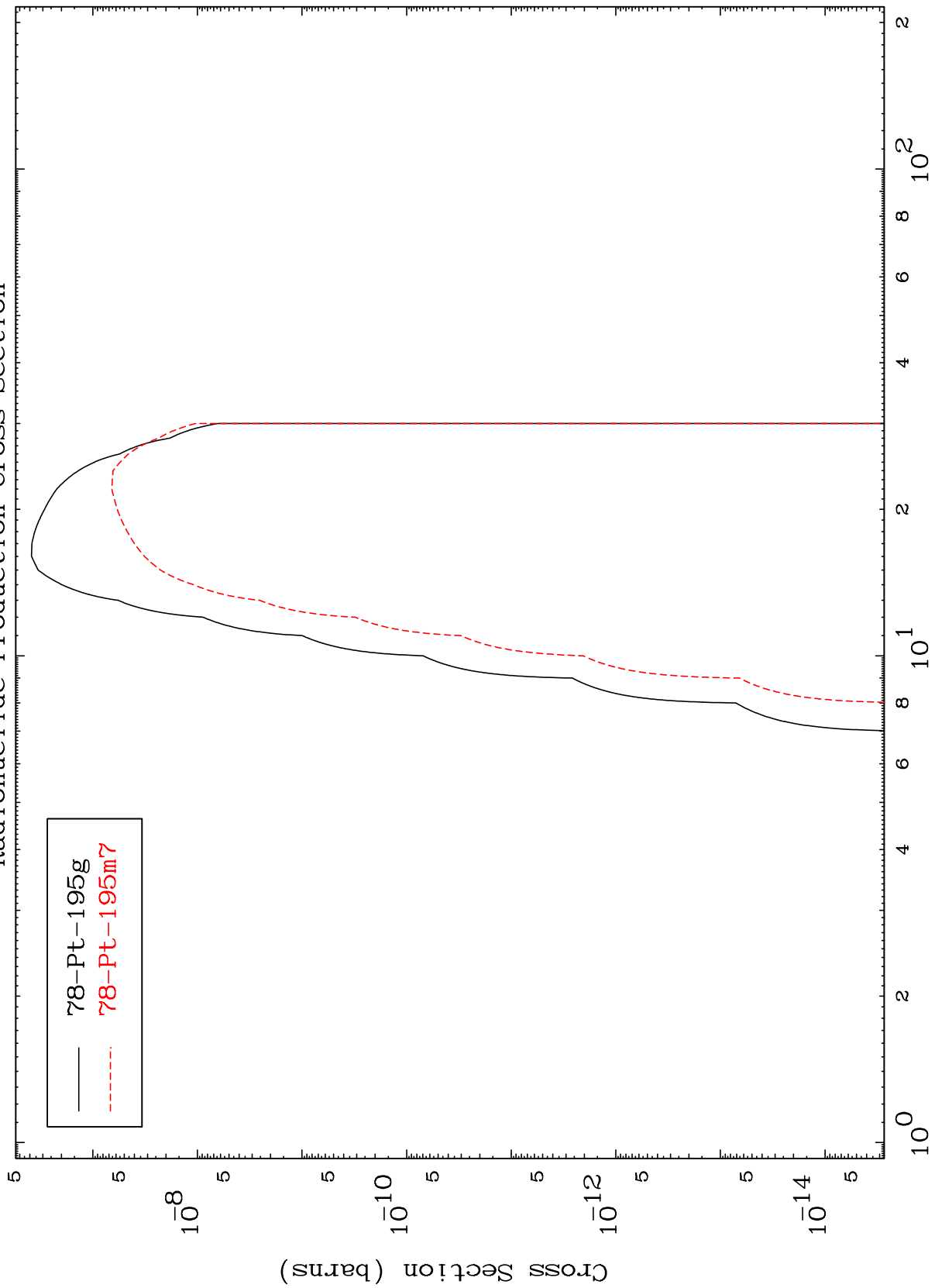
(γ, t)
Radionuclide Production Cross Section



MAT 8034

80-Hg-199

(γ, α)
Radionuclide Production Cross Section



80-Hg-199

Incident Energy (MeV)

20