

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

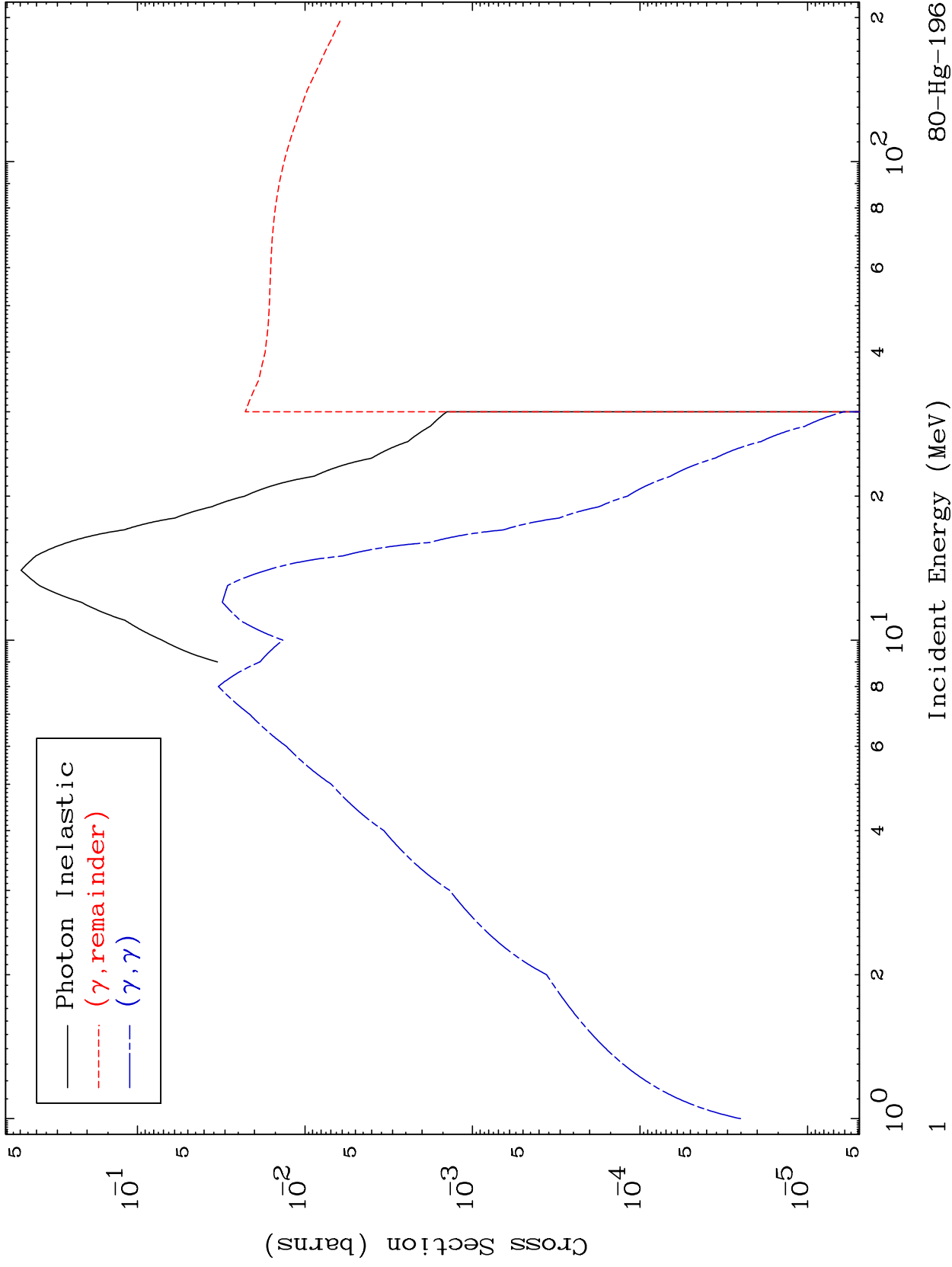
Press Mouse Button to Start

MAT 8025

Photon Major

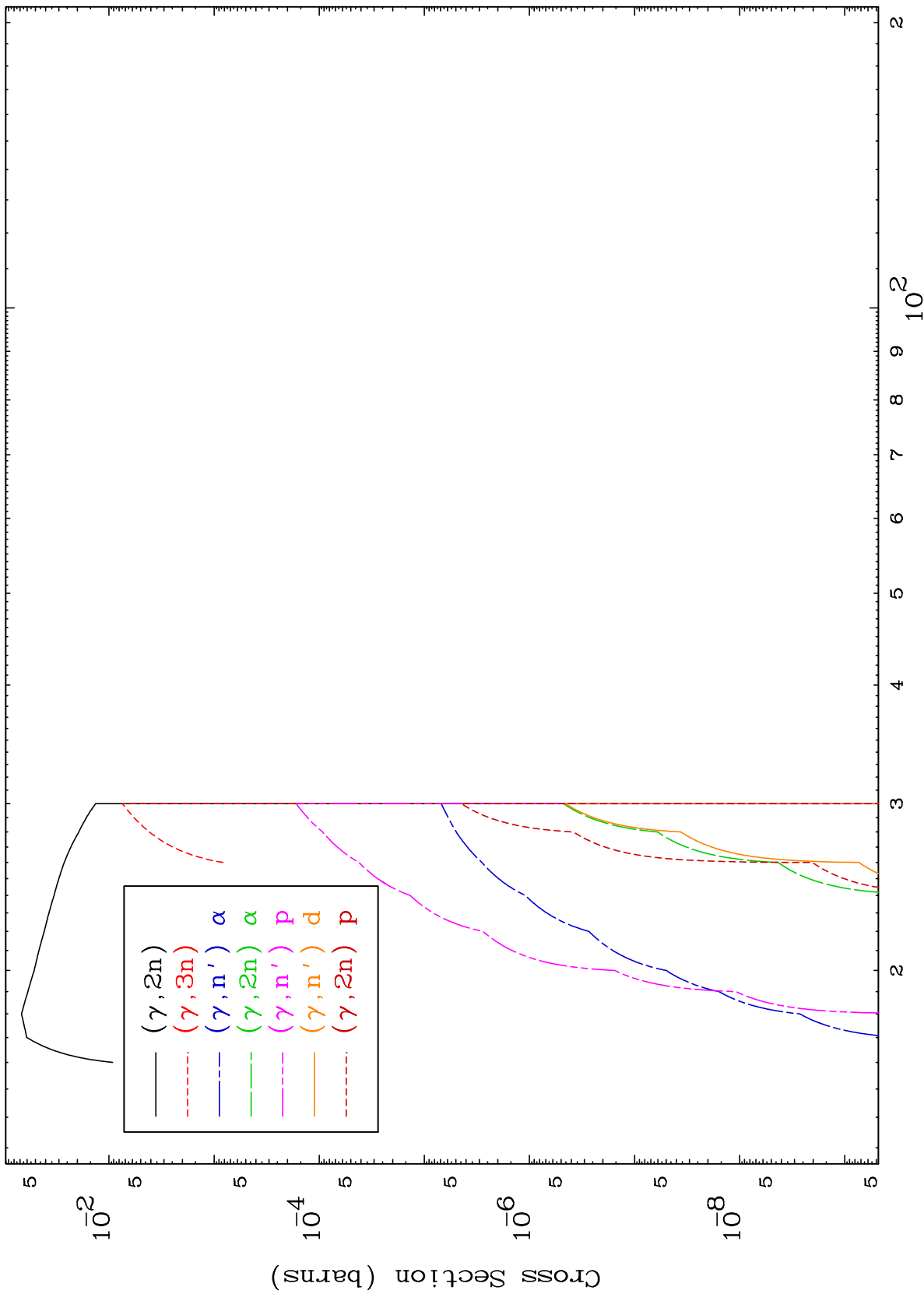
80-Hg-196

0 Kelvin Cross Sections



Incident Energy (MeV)

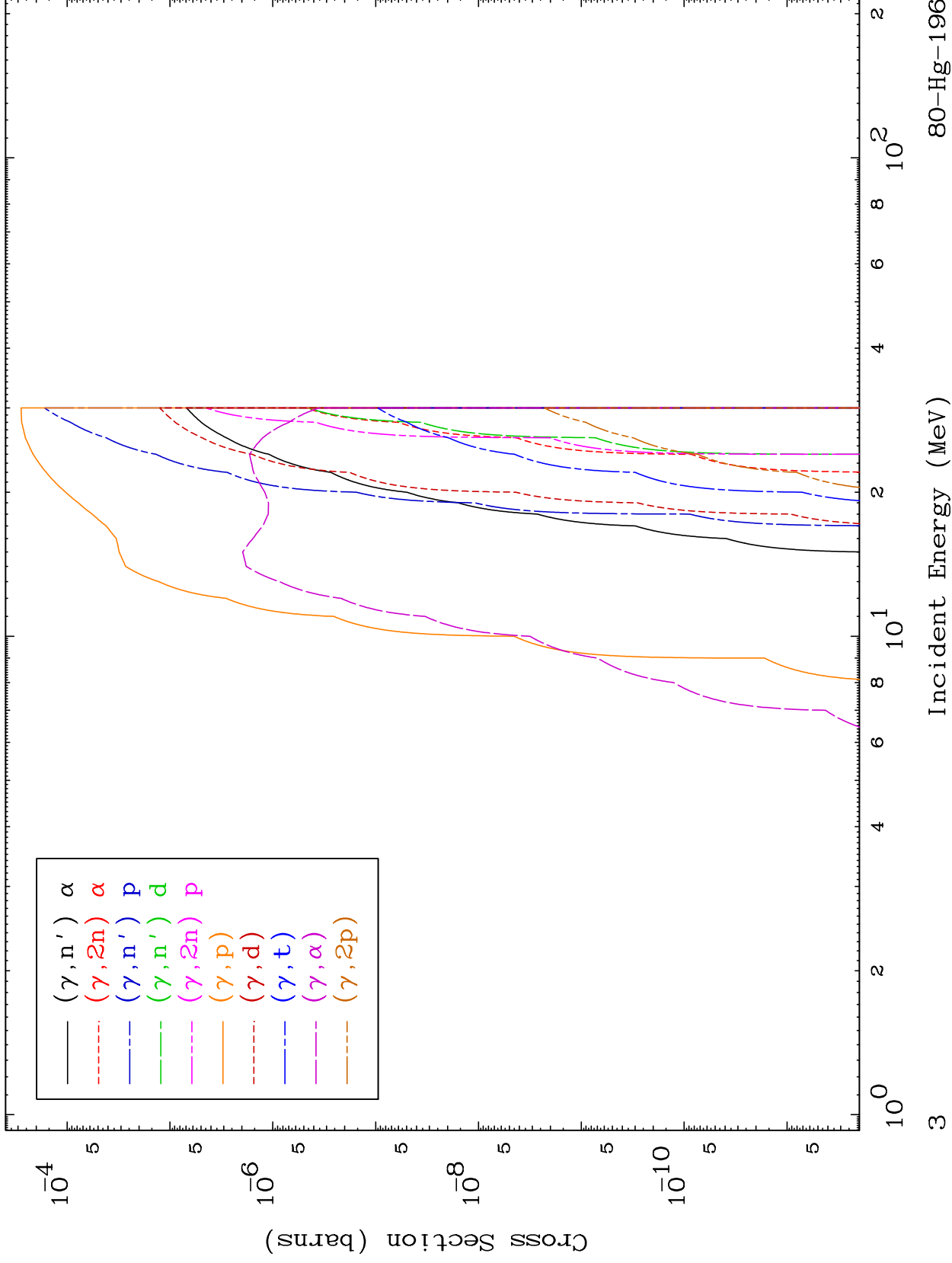
80-Hg-196



MAT 8025

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-196



80-Hg-196

Incident Energy (MeV)

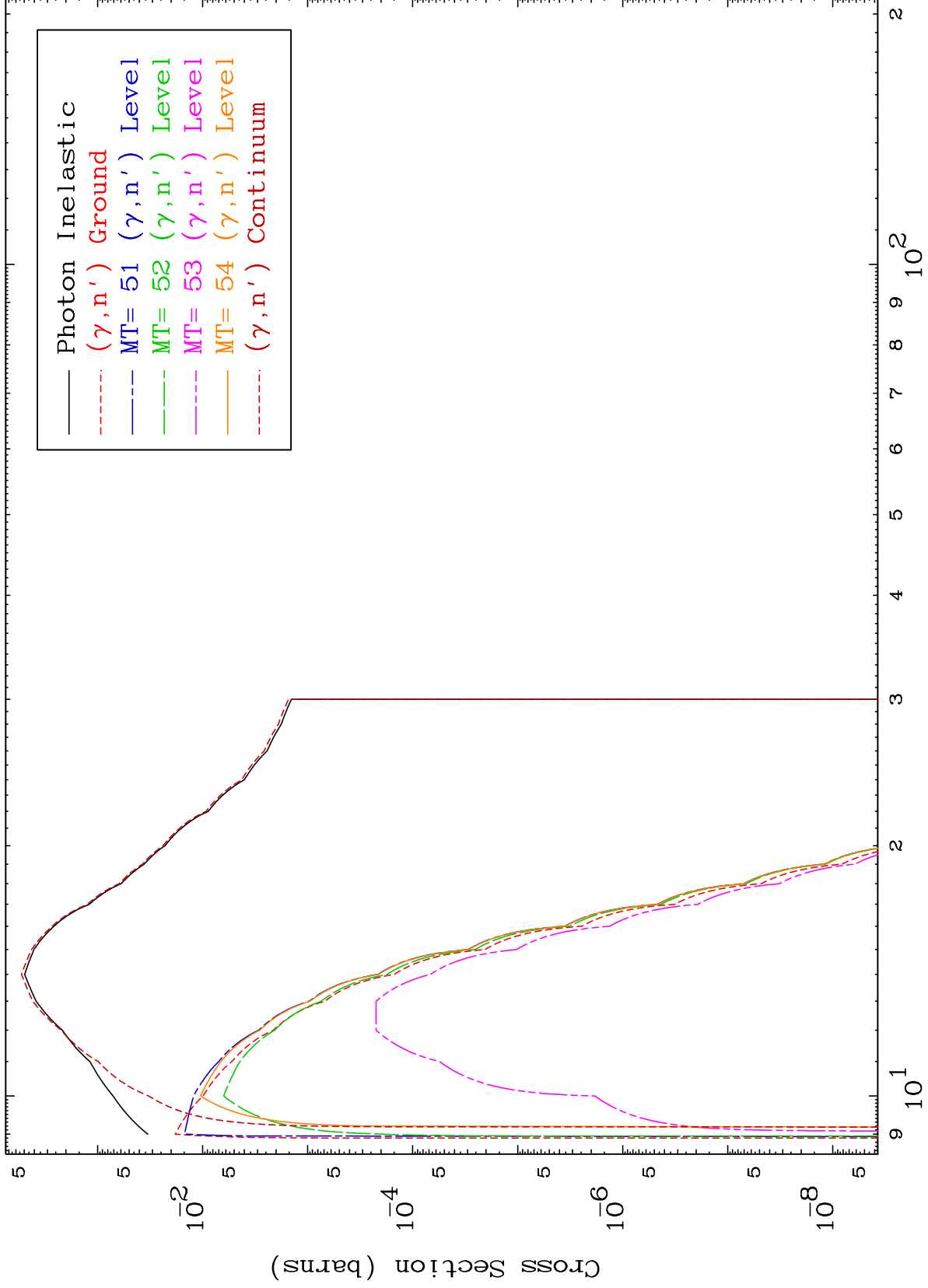
3

MAT 8025

(γ, n') Level

80-Hg-196

0 Kelvin Cross Sections



Incident Energy (MeV)

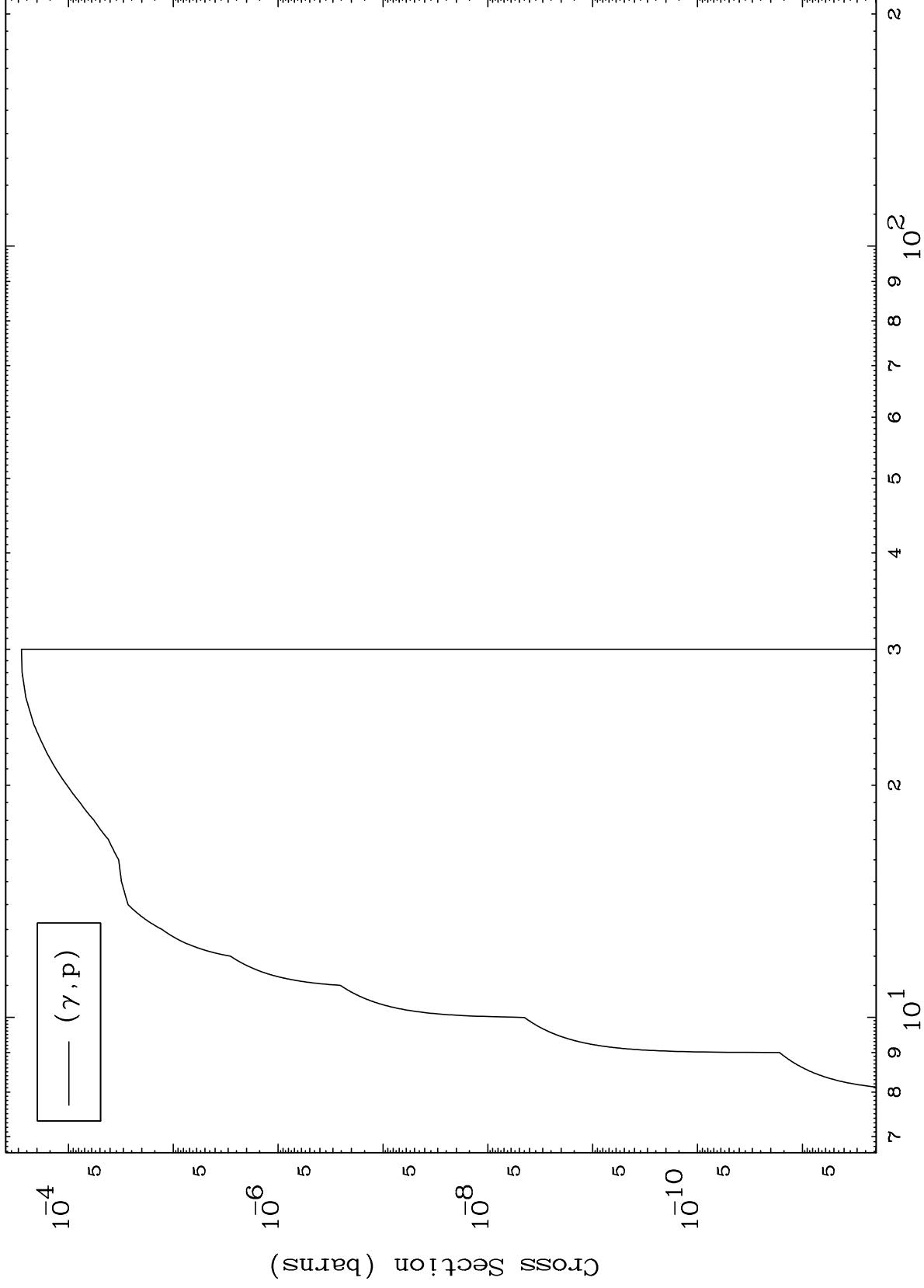
80-Hg-196

4

MAT 8025

(γ, p) Levels
0 Kelvin Cross Sections

80-Hg-196



5

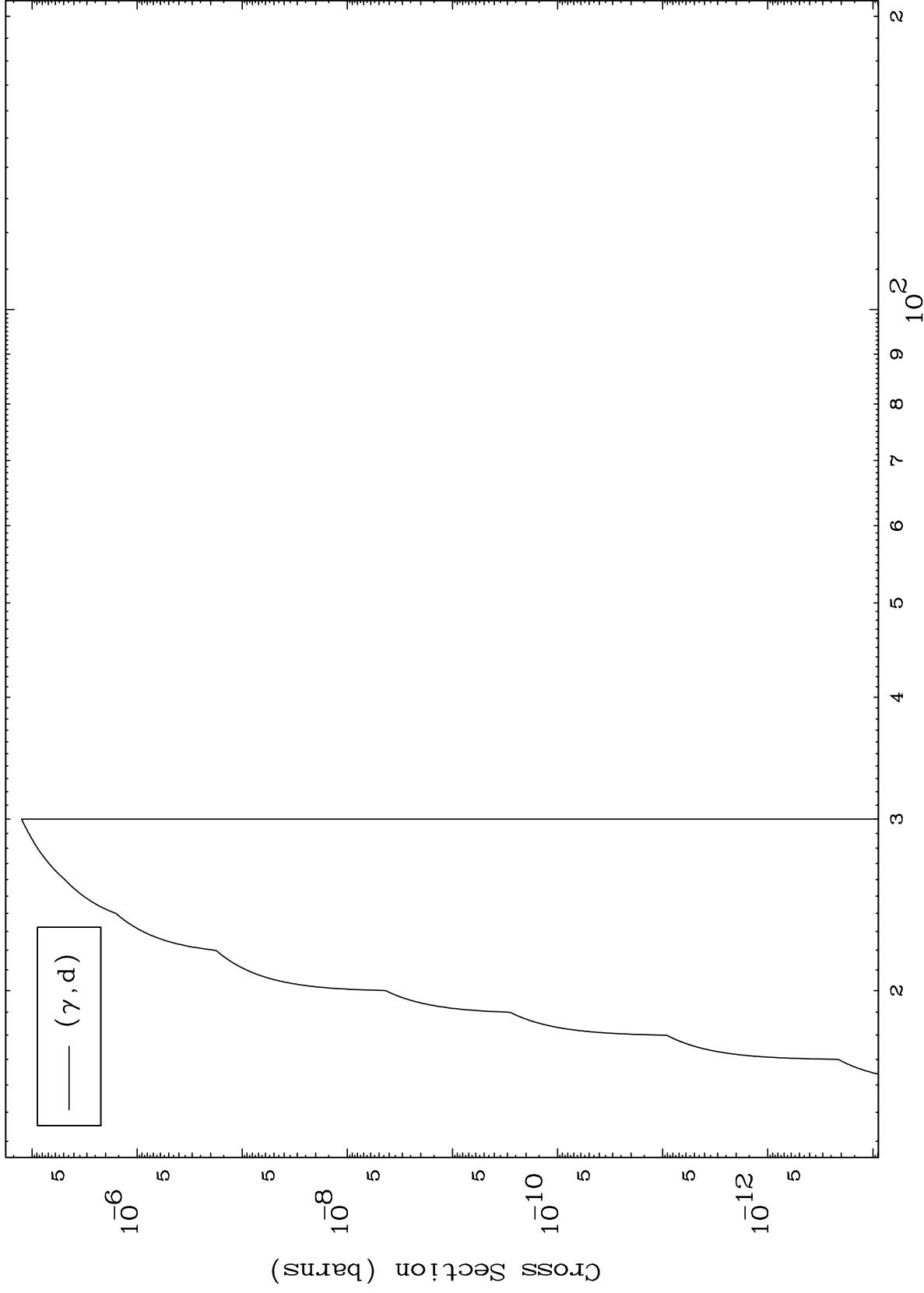
Incident Energy (MeV)

80-Hg-196

MAT 8025

(γ, d) Levels
0 Kelvin Cross Sections

80-Hg-196



6

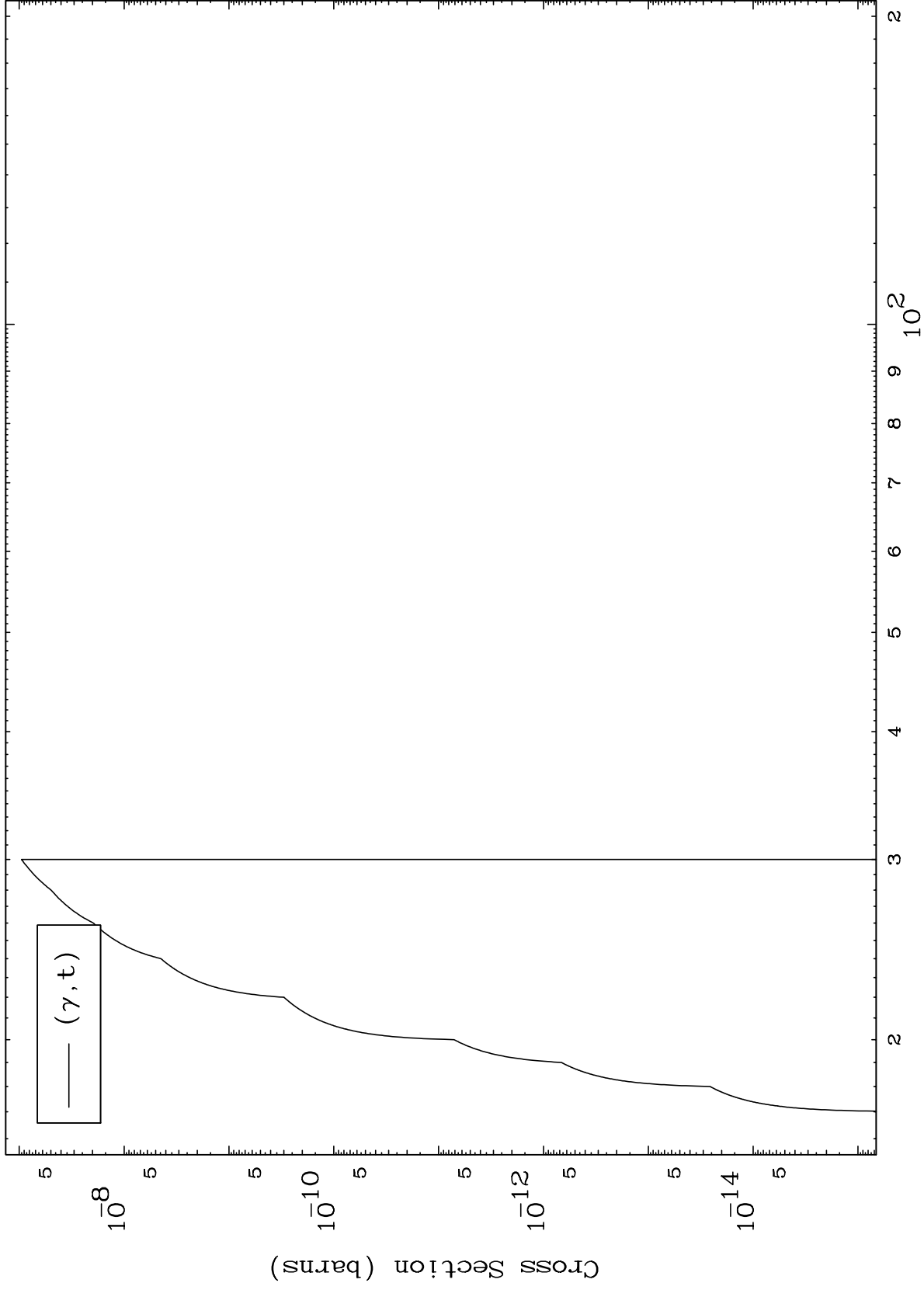
Incident Energy (MeV)

80-Hg-196

MAT 8025

(γ, t) Levels
0 Kelvin Cross Sections

80-Hg-196



7

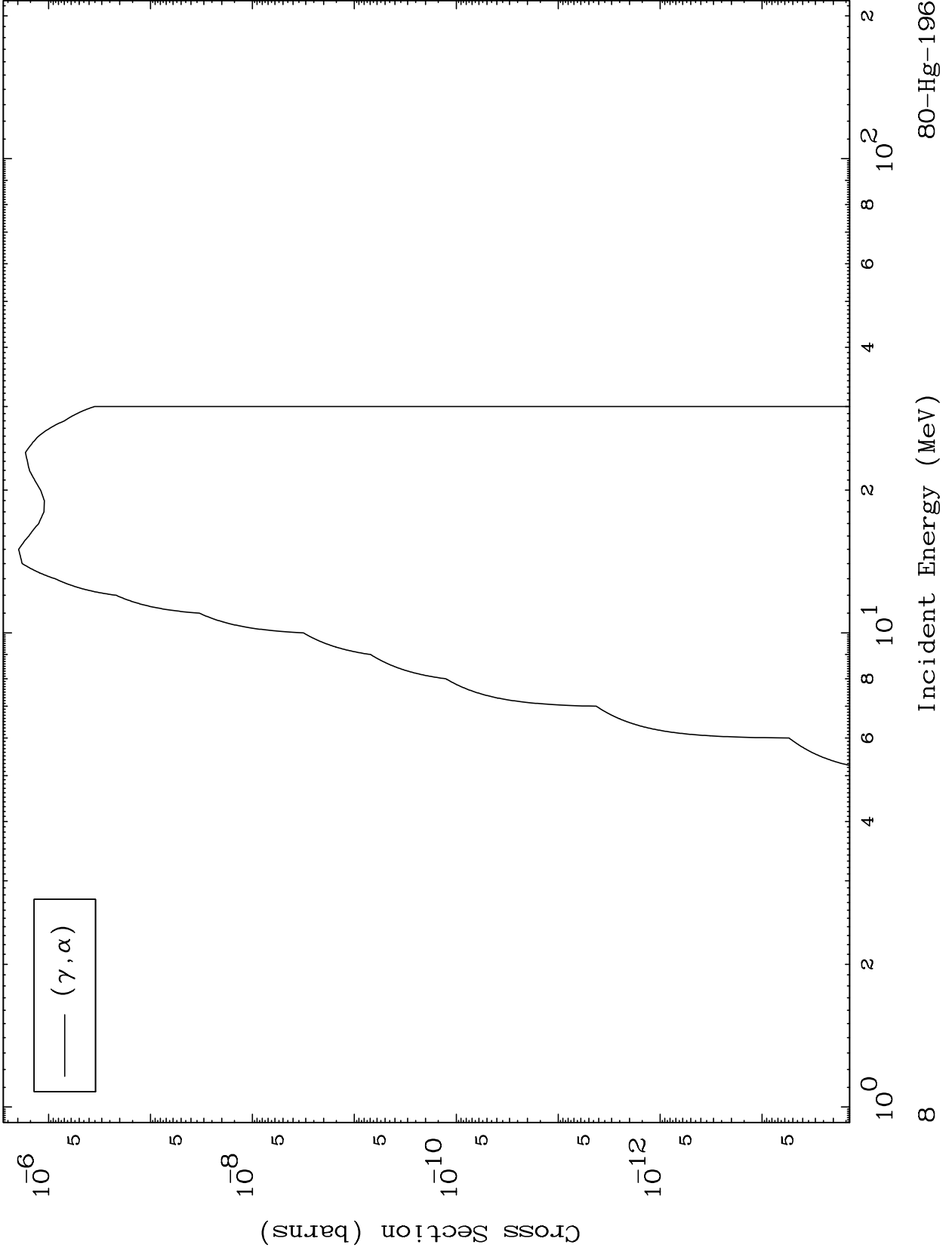
Incident Energy (MeV)

80-Hg-196

MAT 8025

(γ, α) Levels
0 Kelvin Cross Sections

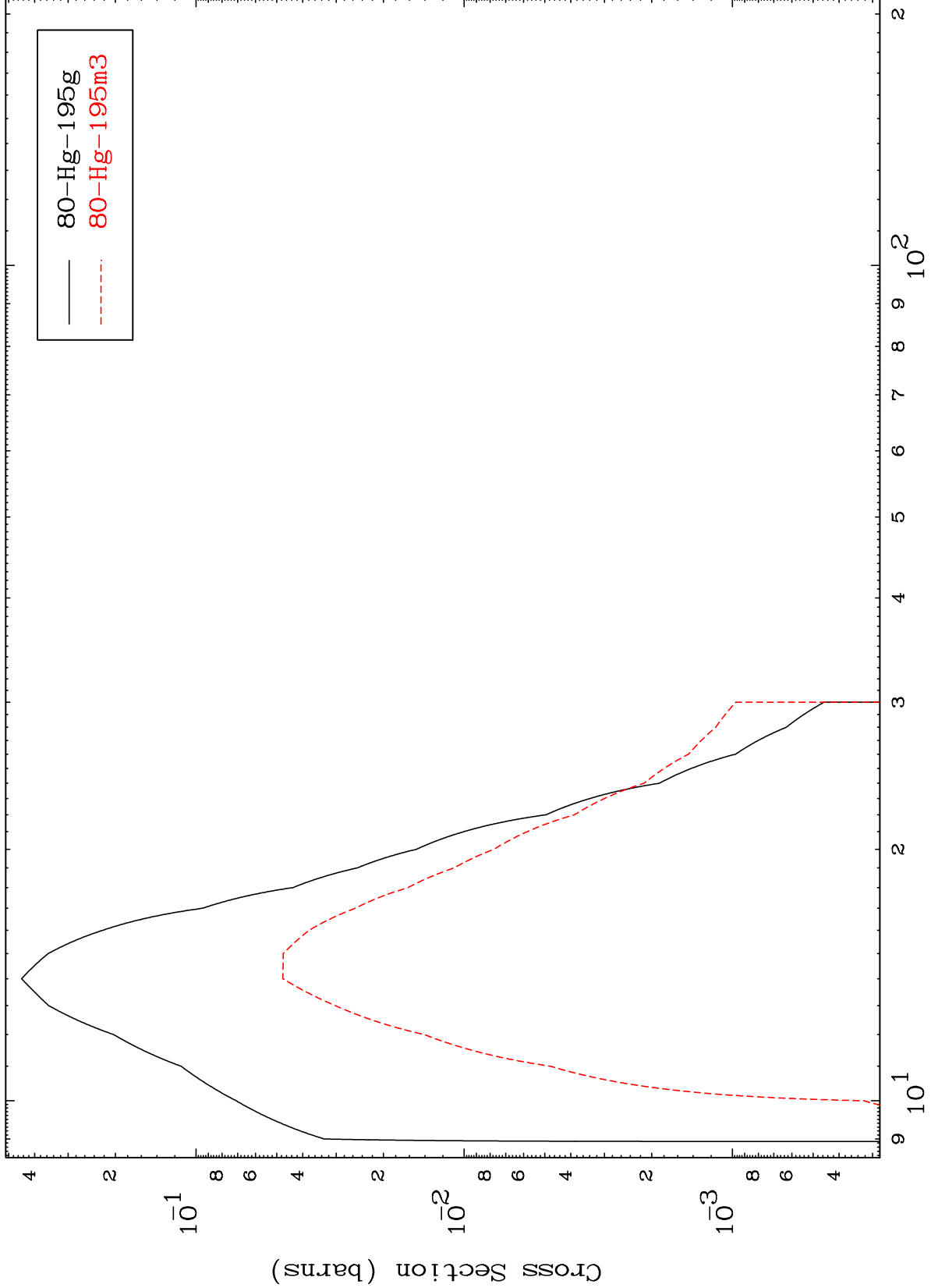
80-Hg-196



MAT 8025

Photon Inelastic
Radionuclide Production Cross Section

80-Hg-196



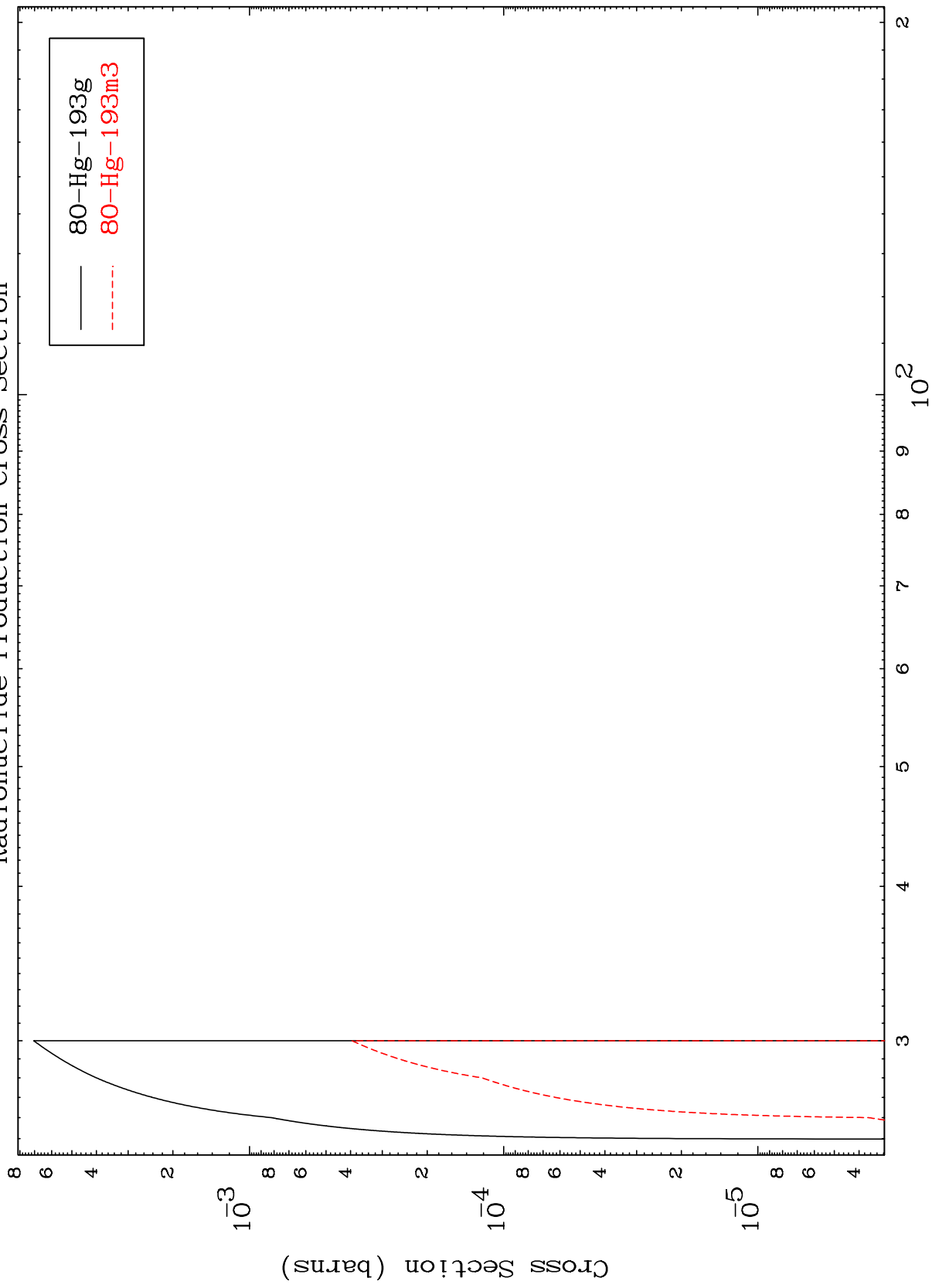
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

($\gamma, 3n$)
Radionuclide Production Cross Section



80-Hg-196

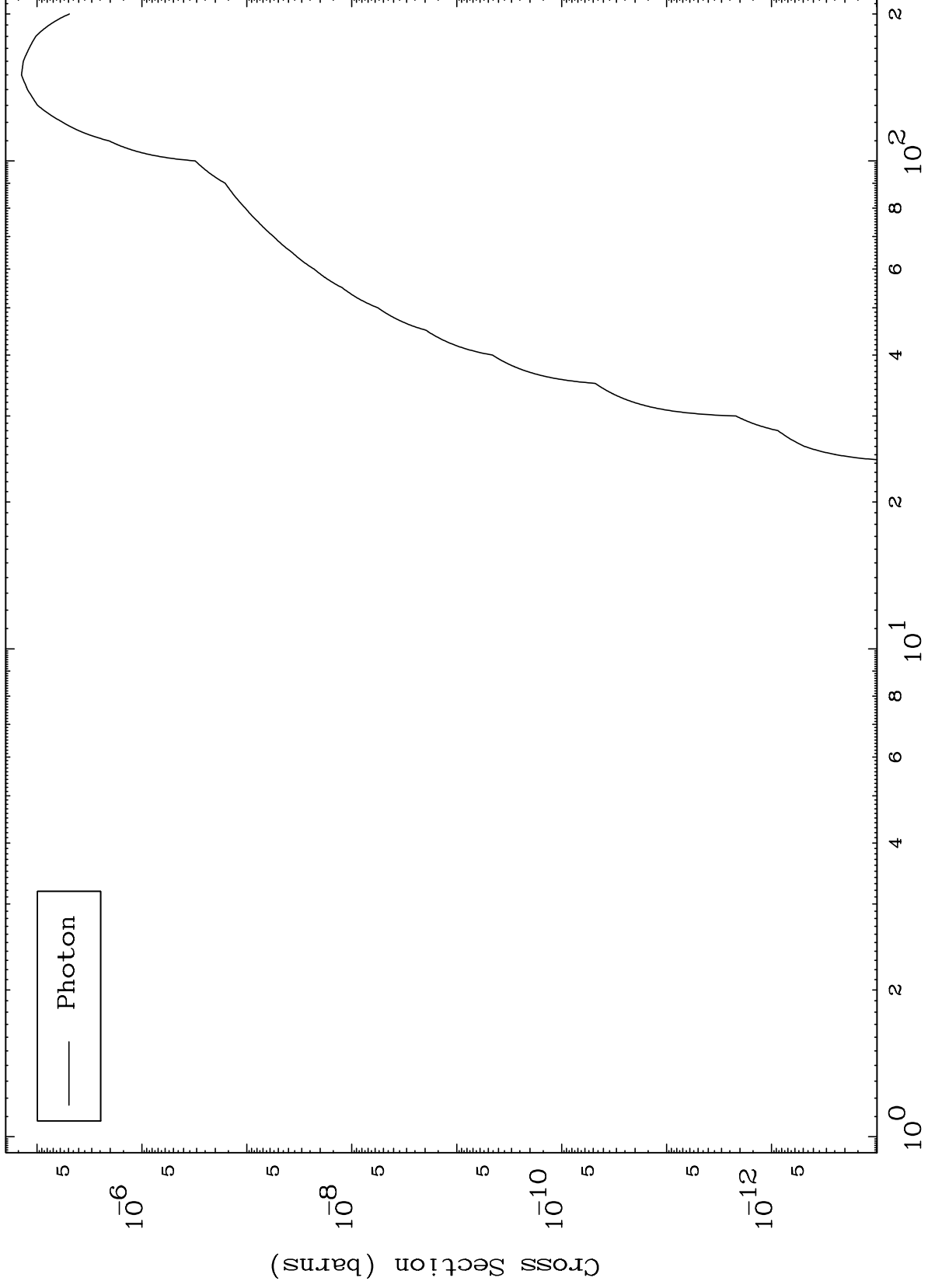
Incident Energy (MeV)

10

MAT 8025

Photon Fission
Radionuclide Production Cross Section

80-Hg-196



11

Incident Energy (MeV)

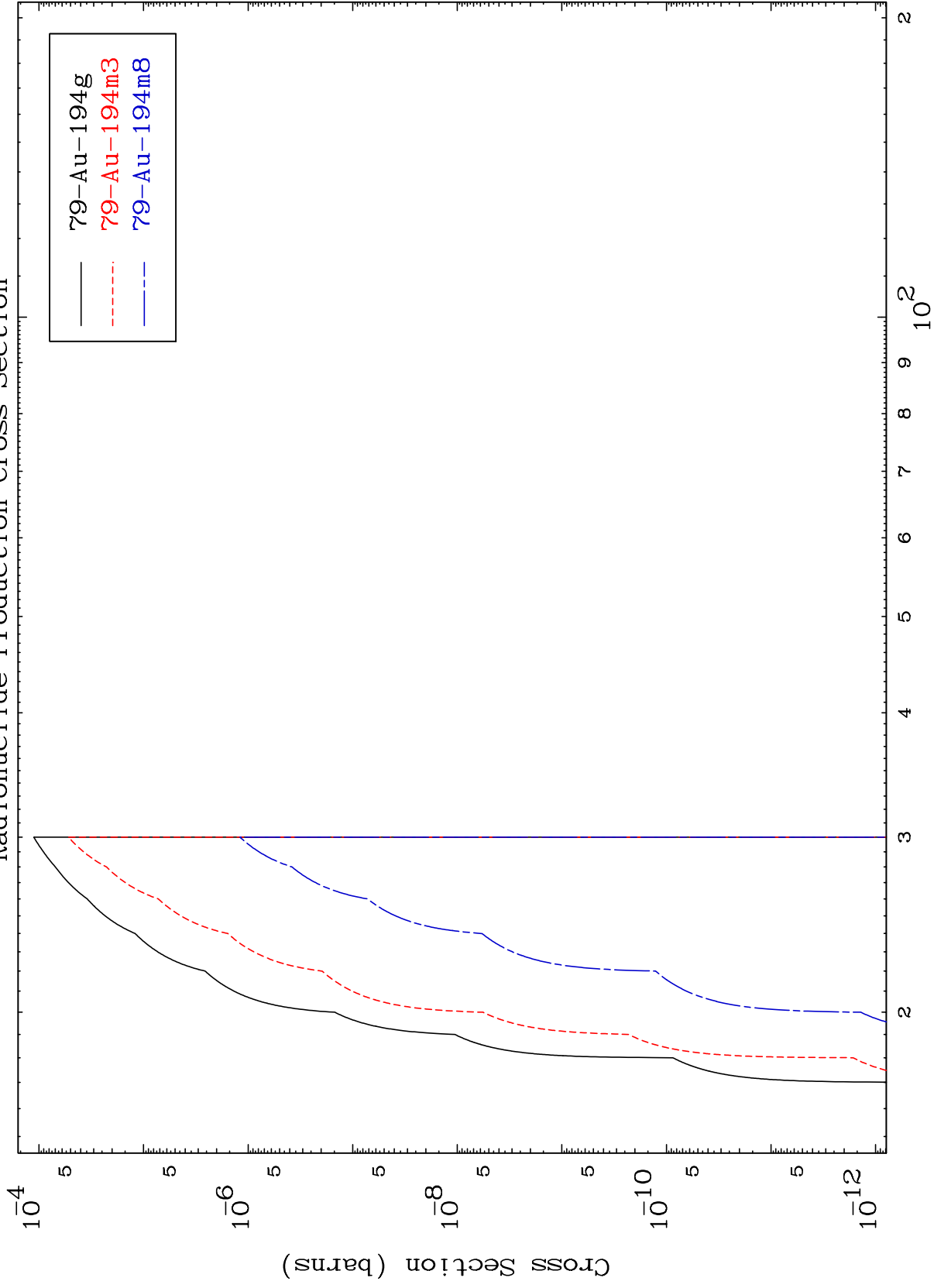
80-Hg-196

MAT 8025

(γ, n') p

80-Hg-196

Radionuclide Production Cross Section



12

Incident Energy (MeV)

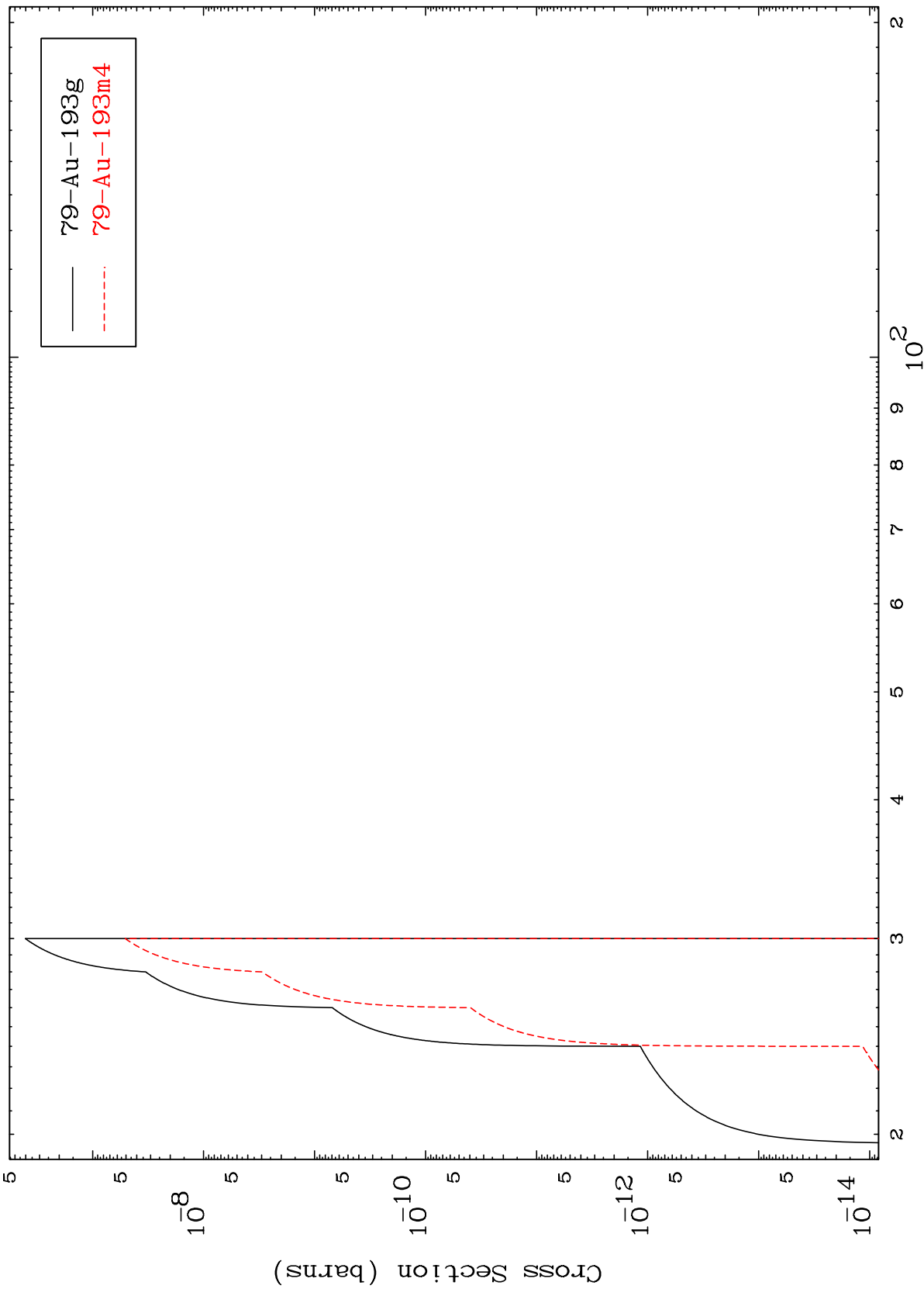
80-Hg-196

MAT 8025

(γ, n') d

80-Hg-196

Radionuclide Production Cross Section



13

Incident Energy (MeV)

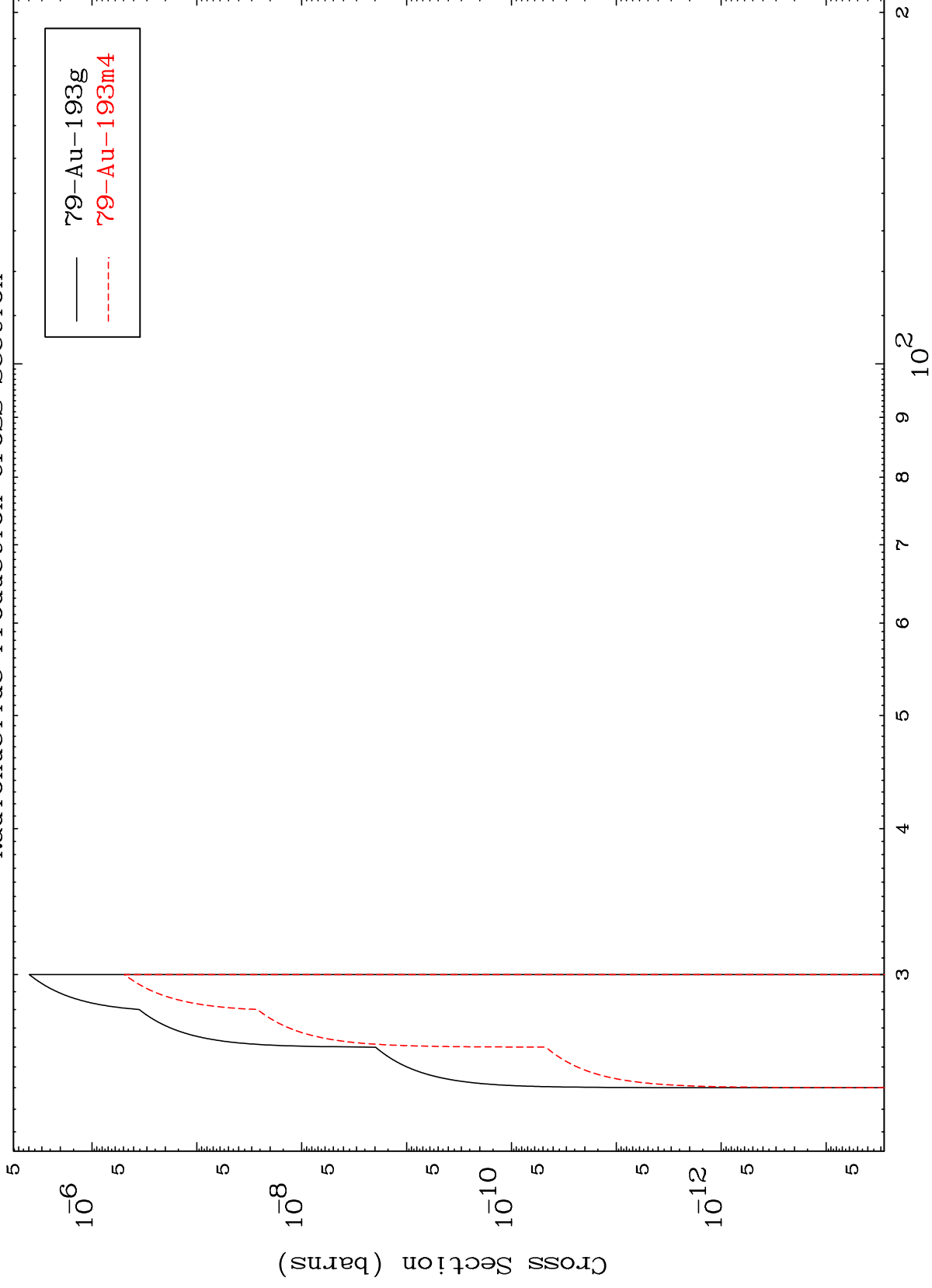
80-Hg-196

MAT 8025

($\gamma, 2n$) p

80-Hg-196

Radionuclide Production Cross Section



14

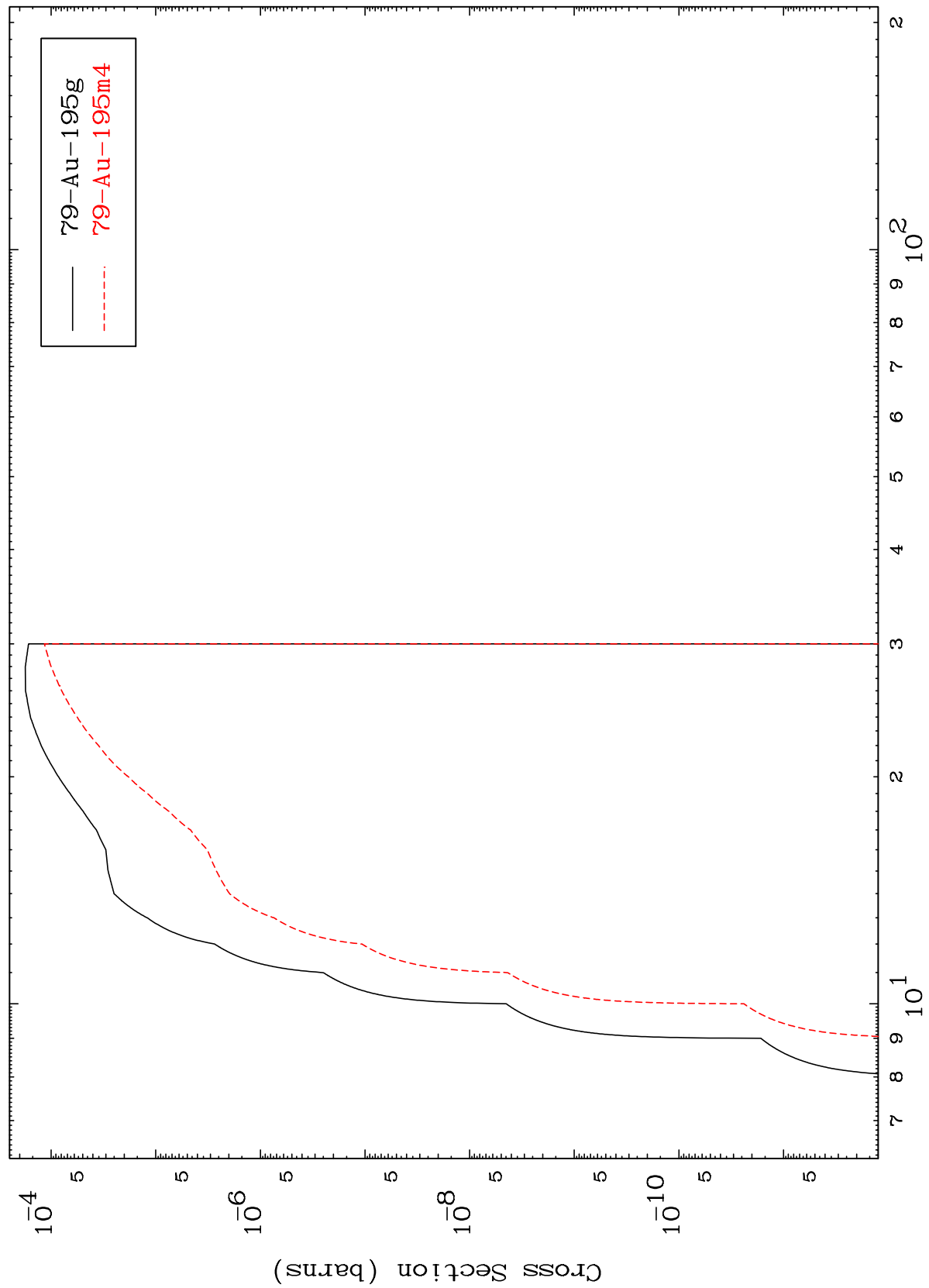
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

(γ, p)
Radionuclide Production Cross Section



15

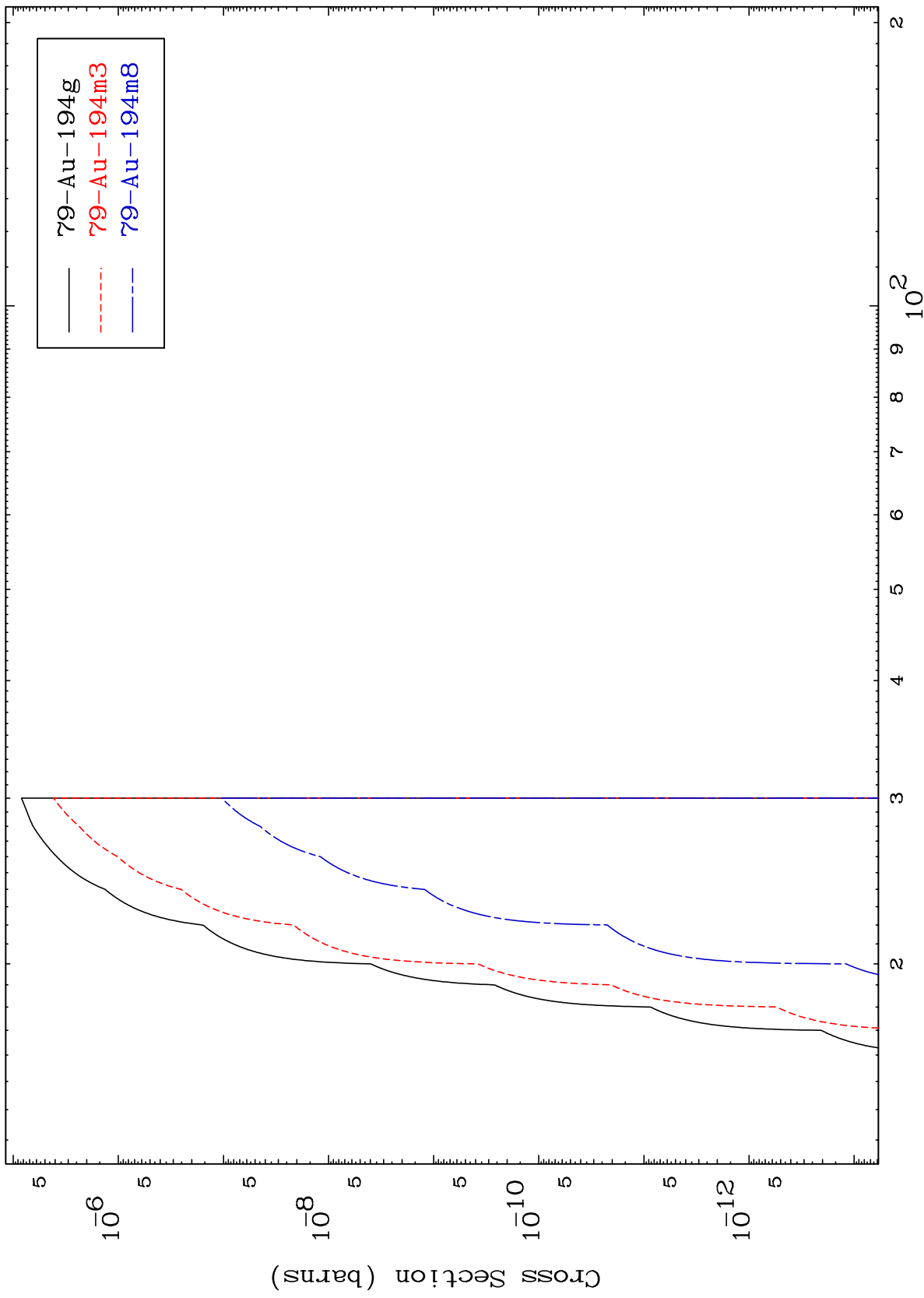
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

(γ, d)
Radionuclide Production Cross Section



16

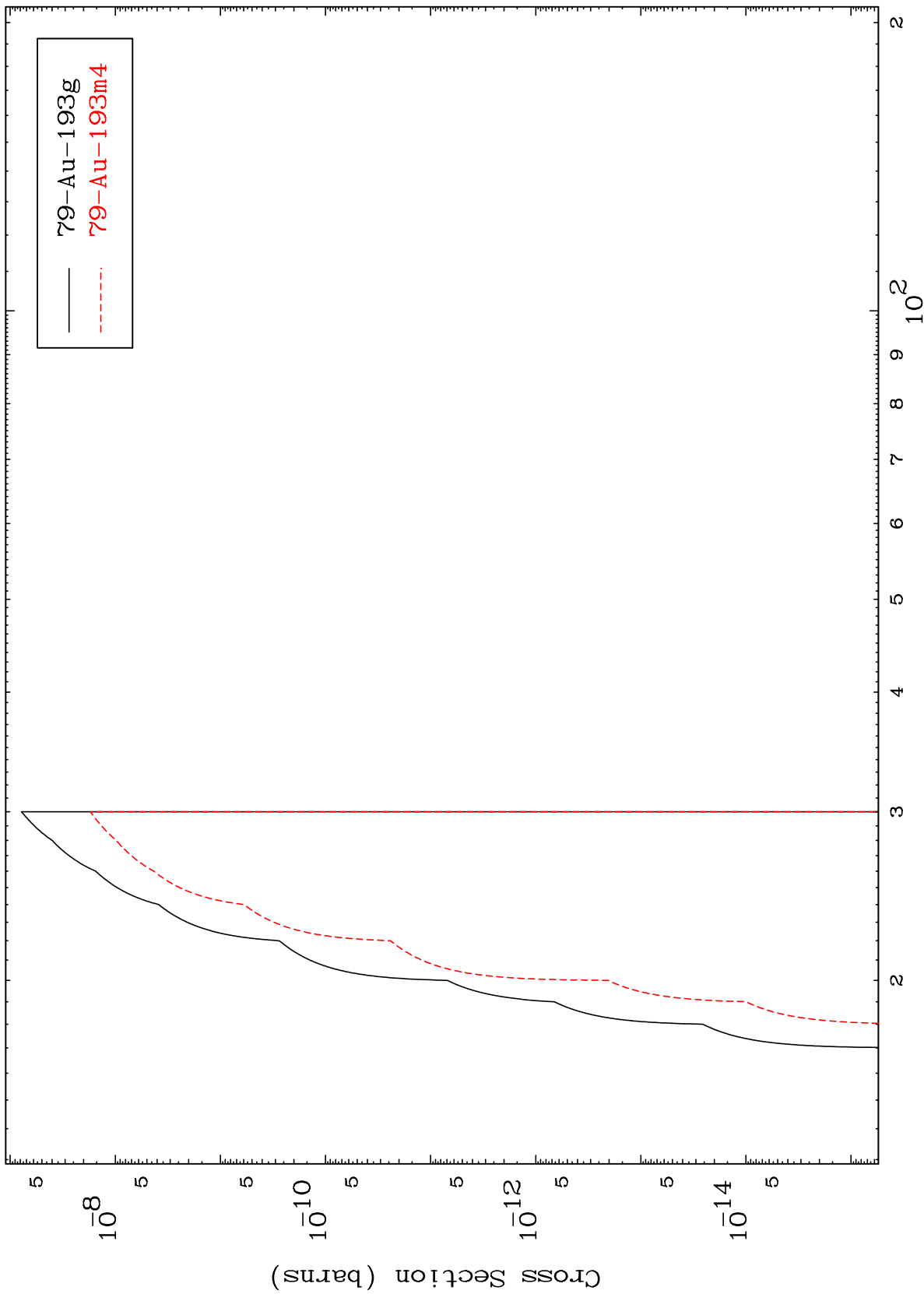
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

(γ, t)
Radionuclide Production Cross Section



17

80-Hg-196

Incident Energy (MeV)