

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

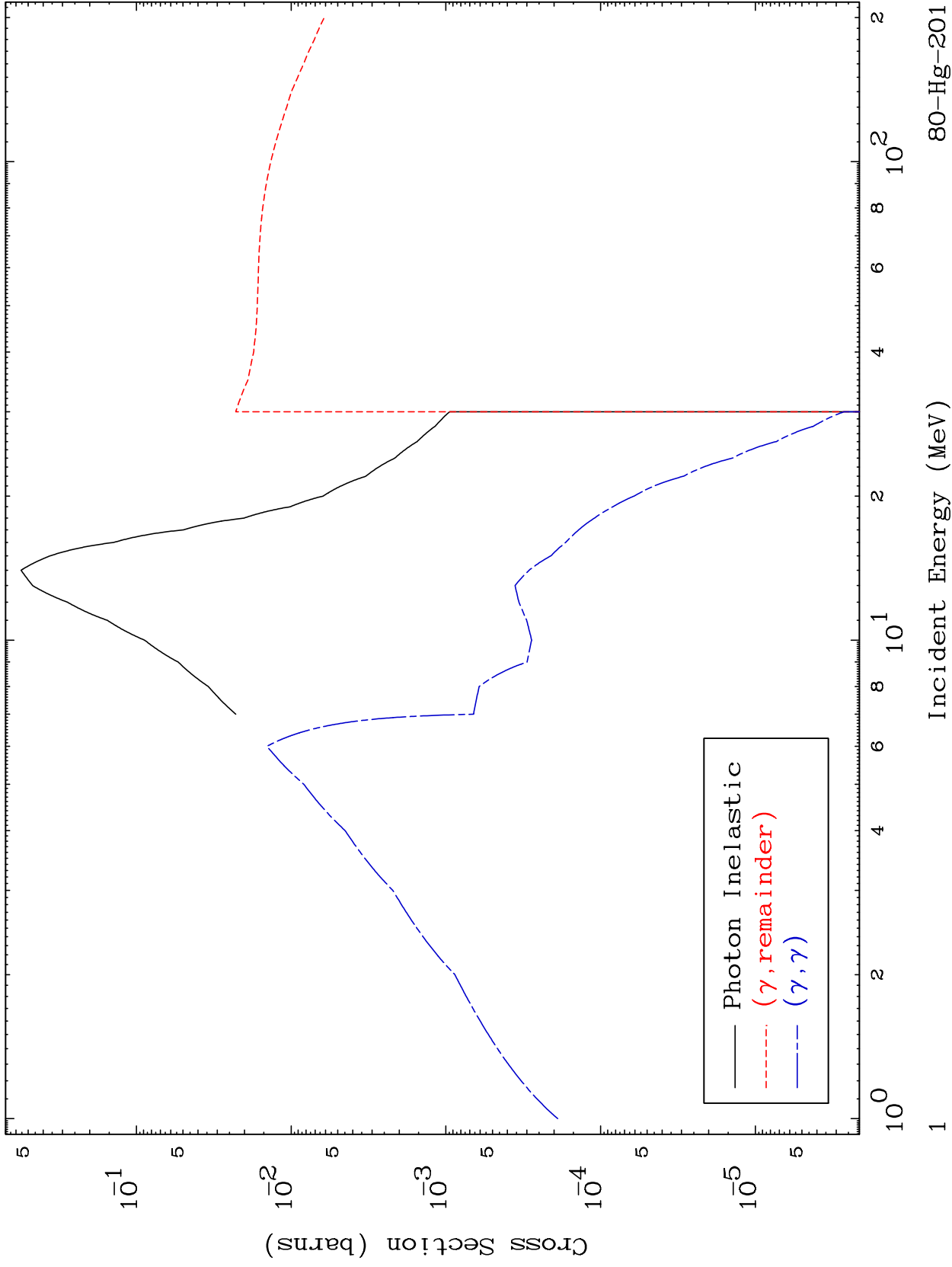
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8040

Photon Major
0 Kelvin Cross Sections

80-Hg-201



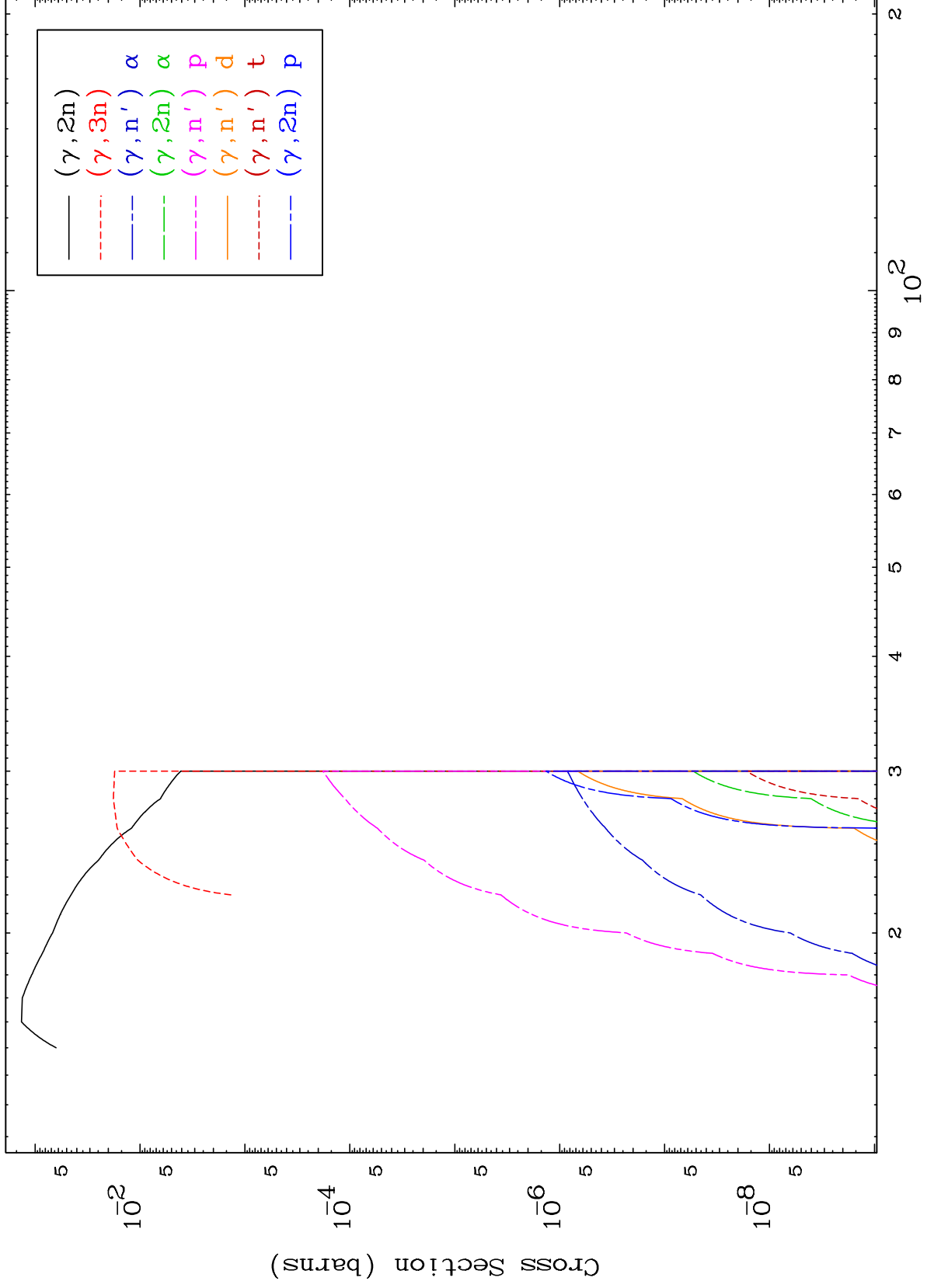
80-Hg-201

Incident Energy (MeV)

MAT 8040

Photon Neutron Production
0 Kelvin Cross Sections

80-Hg-201



2

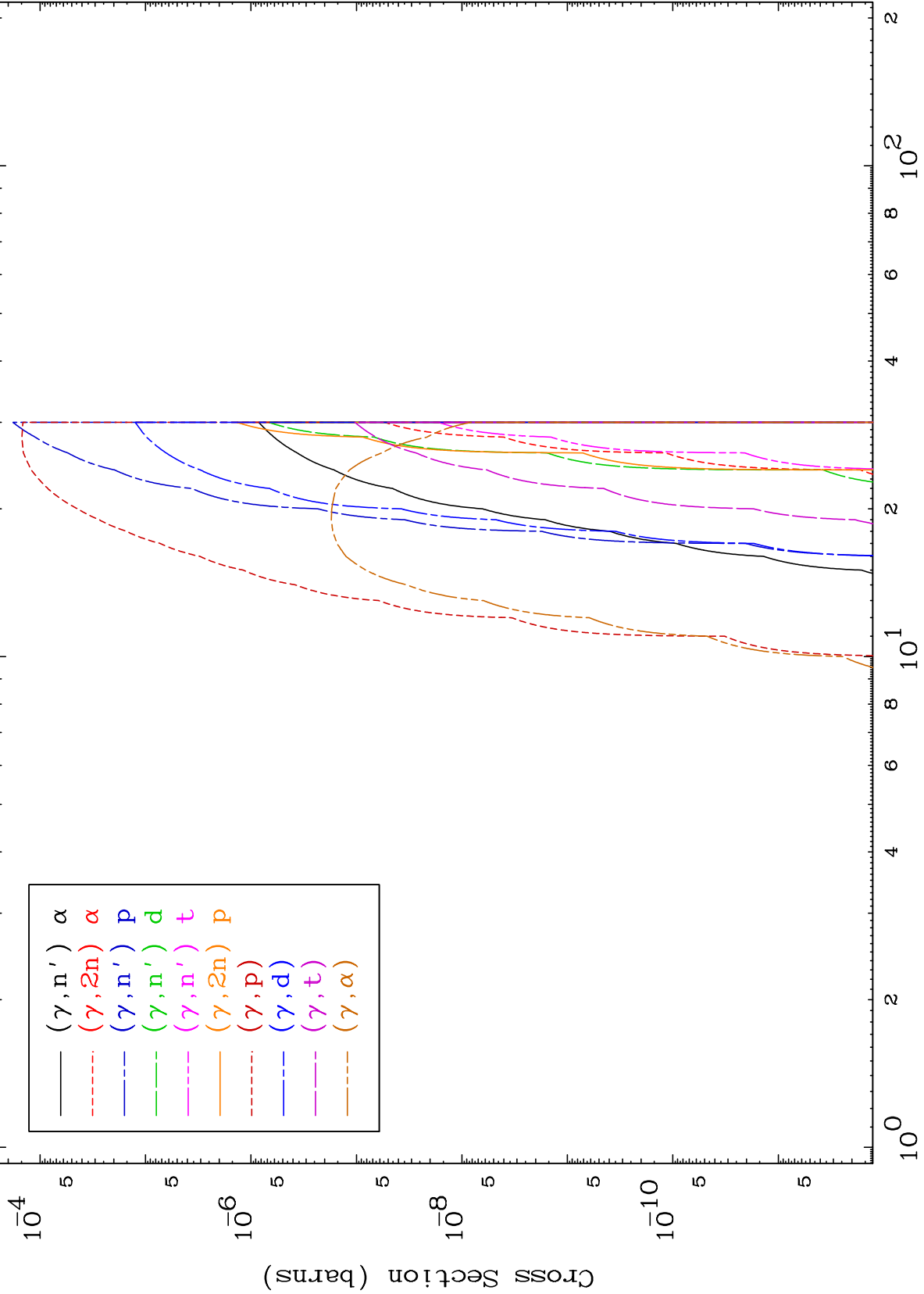
Incident Energy (MeV)

80-Hg-201

MAT 8040

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-201



Incident Energy (MeV)

80-Hg-201

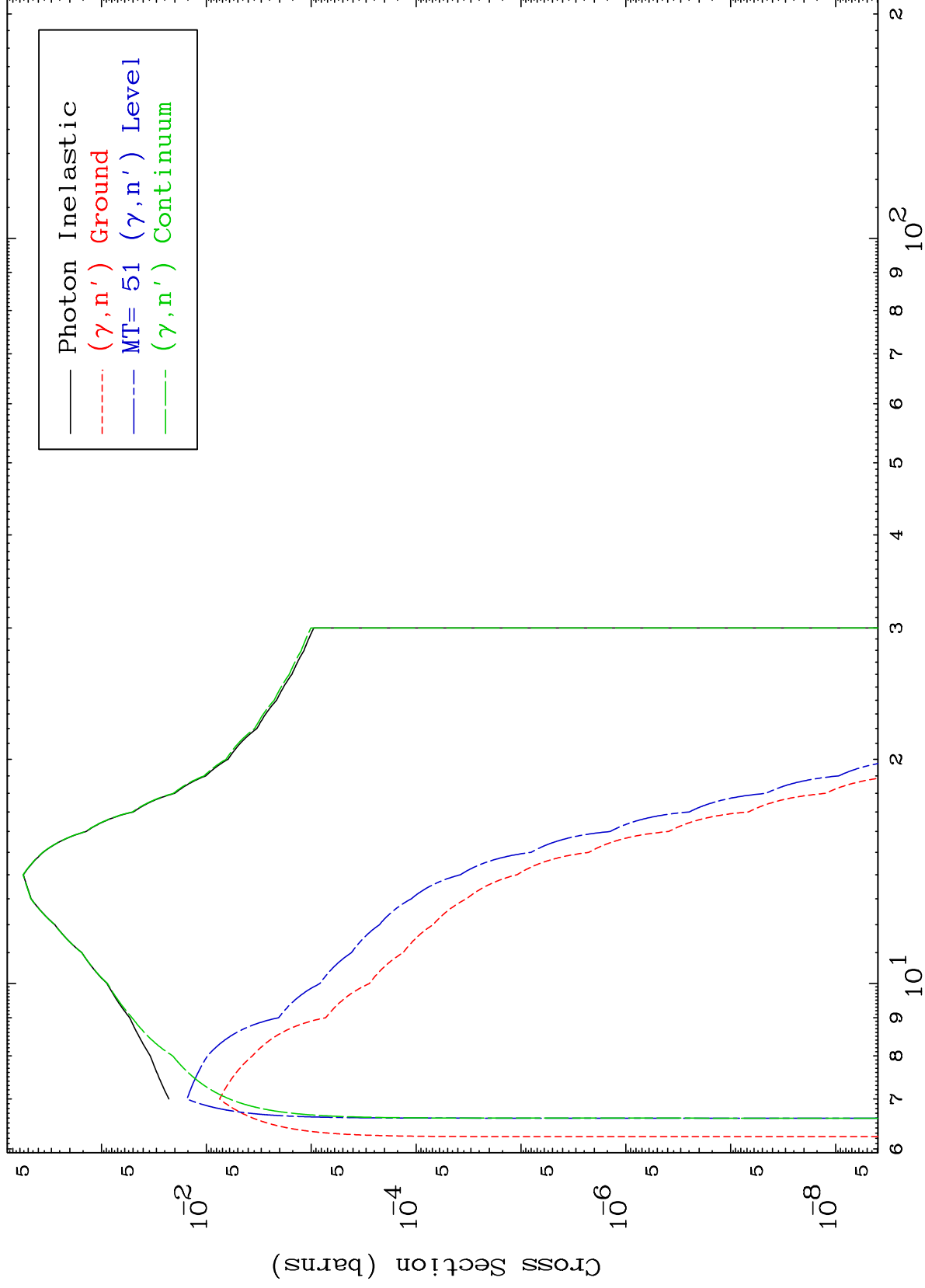
3

MAT 8040

(γ, n') Level

80-Hg-201

0 Kelvin Cross Sections



4

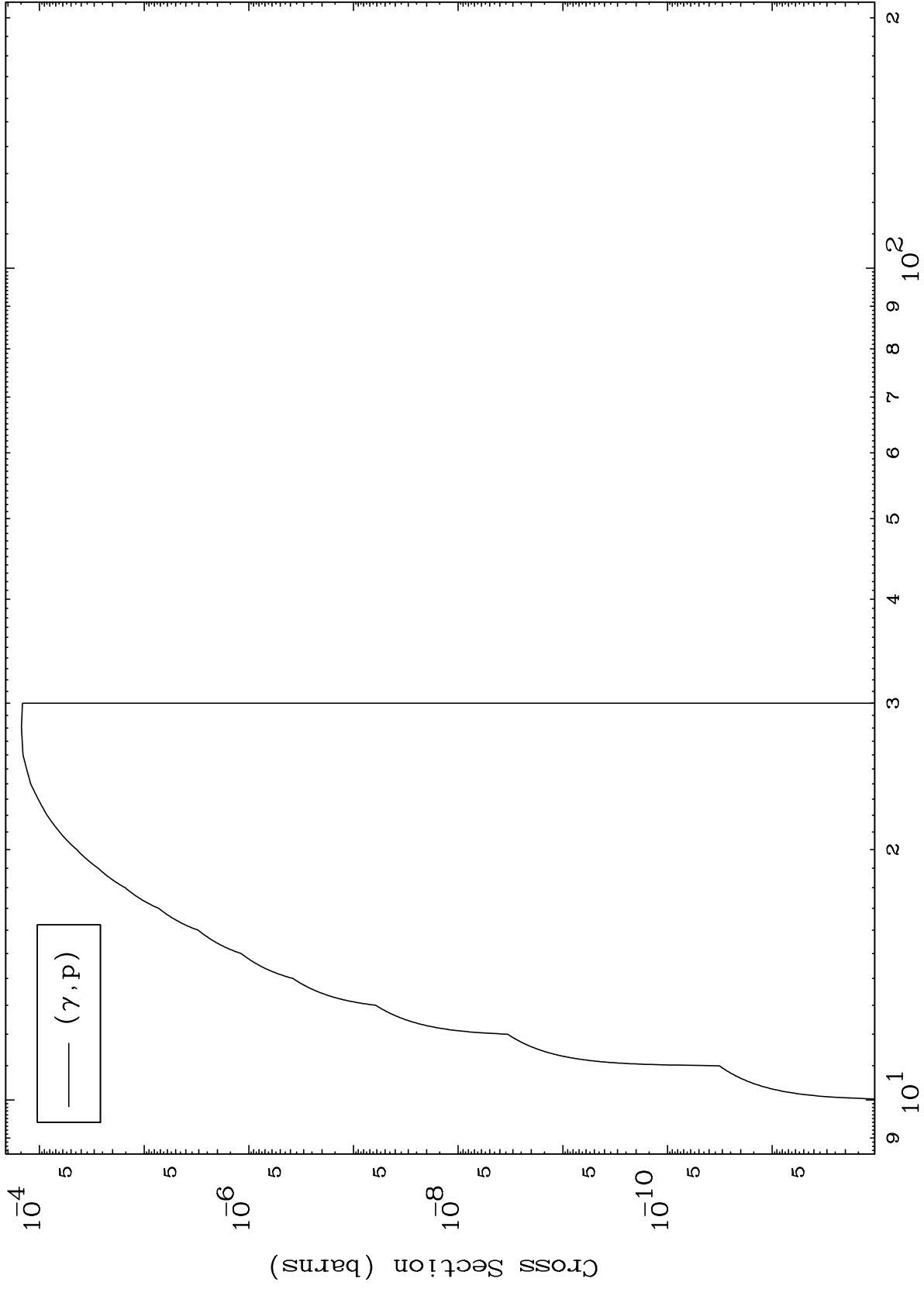
Incident Energy (MeV)

80-Hg-201

MAT 8040

(γ, p) Levels
0 Kelvin Cross Sections

80-Hg-201



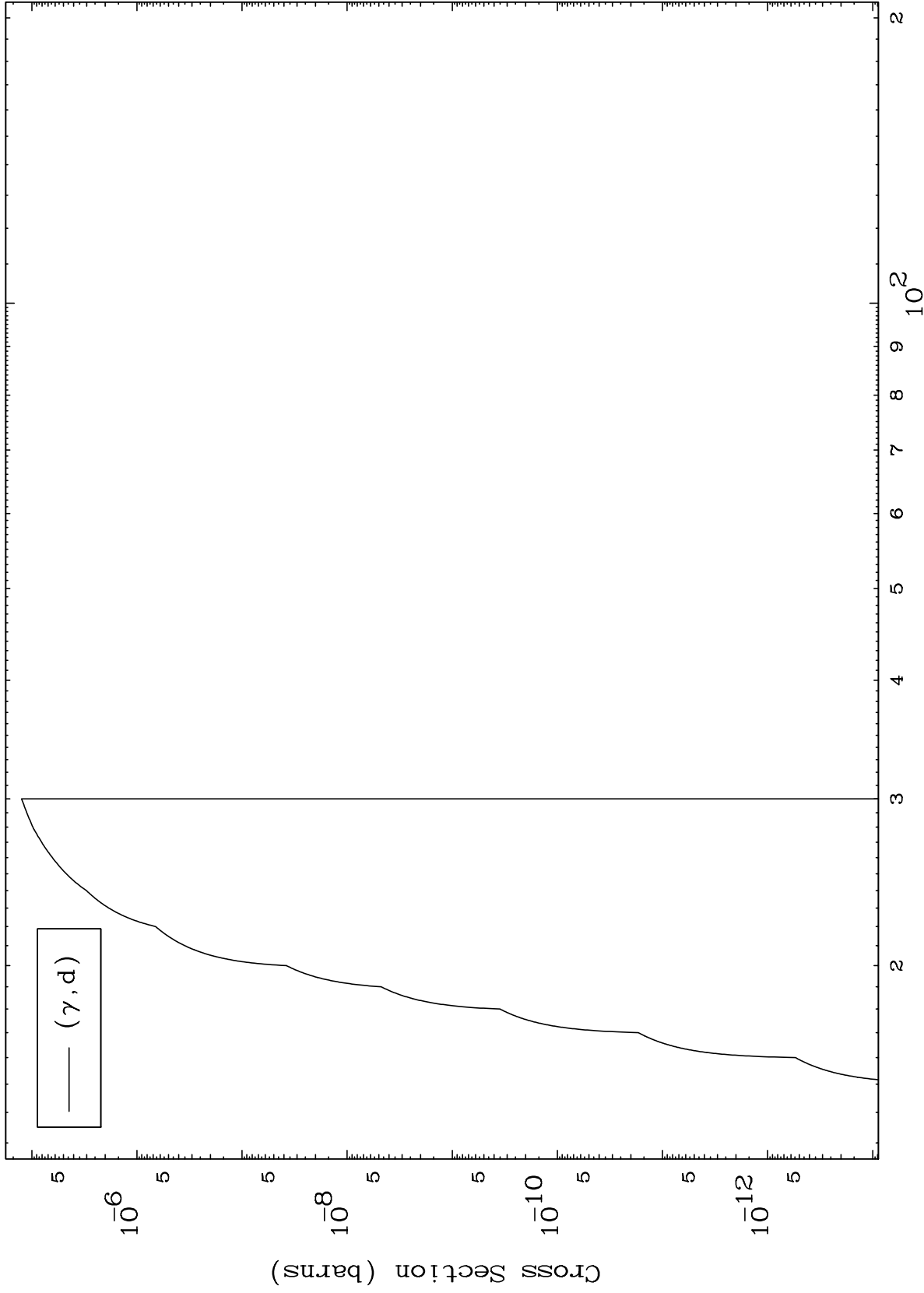
Incident Energy (MeV)

80-Hg-201

MAT 8040

80-Hg-201

(γ, d) Levels
0 Kelvin Cross Sections



80-Hg-201

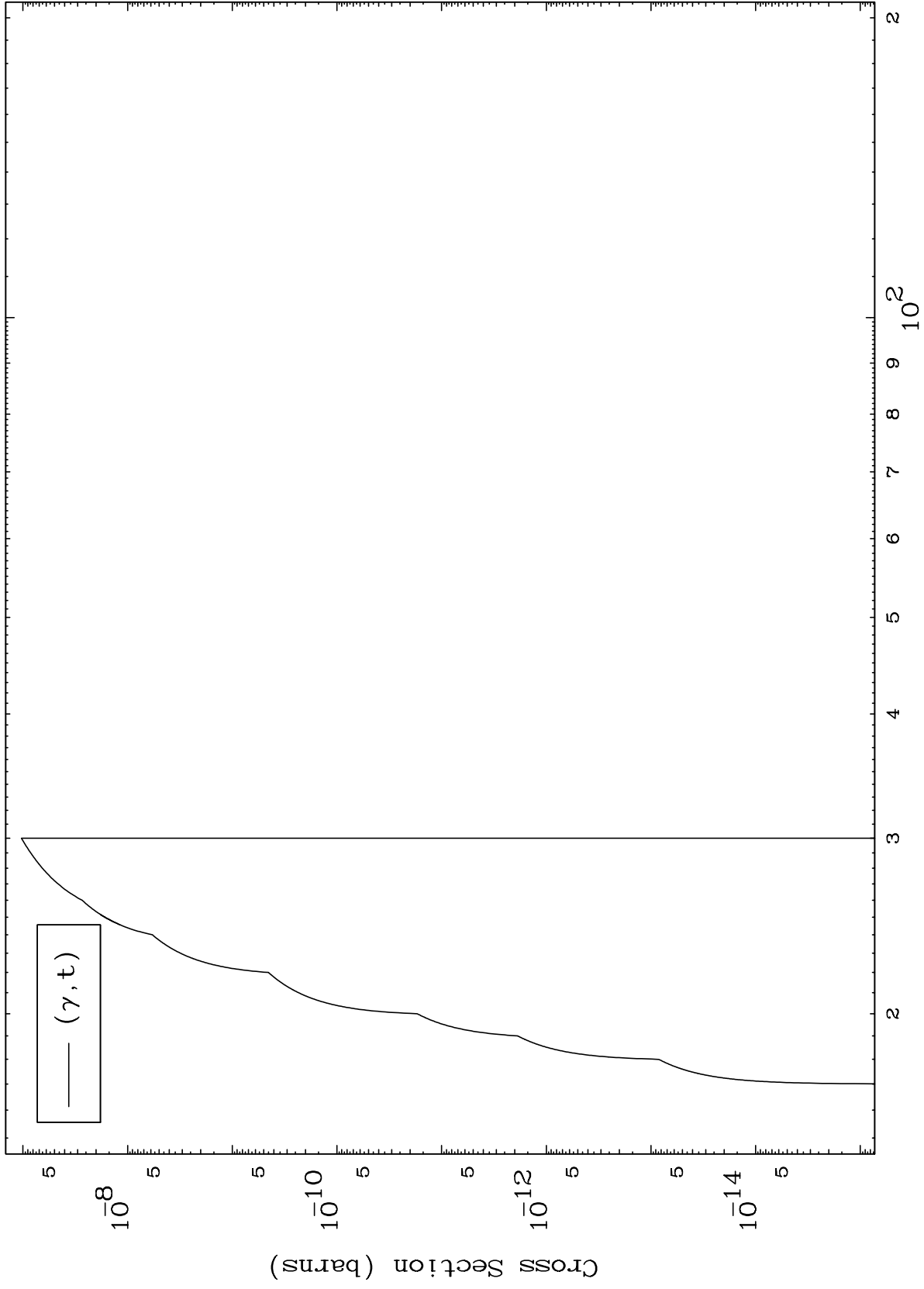
Incident Energy (MeV)

6

MAT 8040

(γ, t) Levels
0 Kelvin Cross Sections

80-Hg-201



7

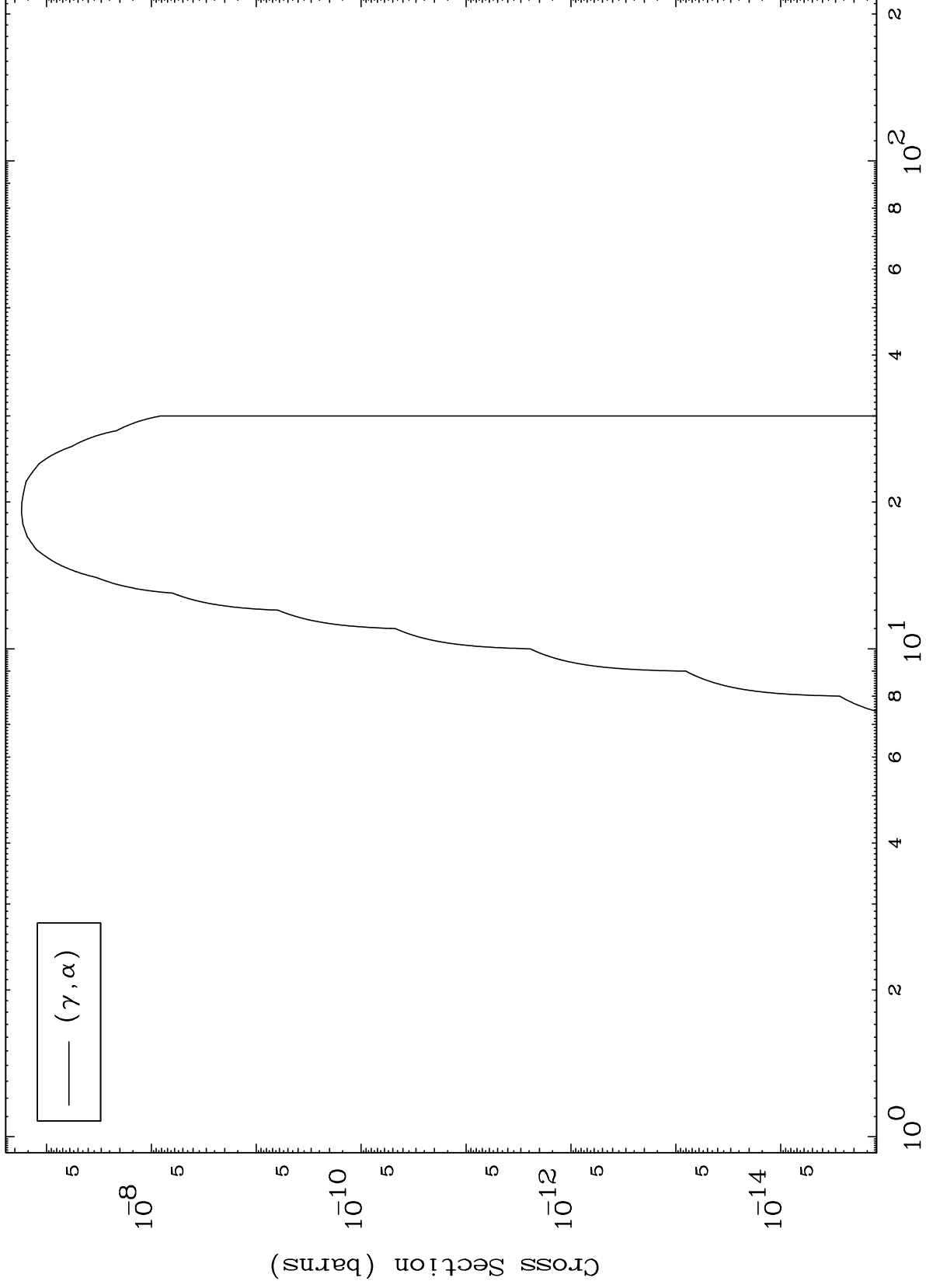
Incident Energy (MeV)

80-Hg-201

MAT 8040

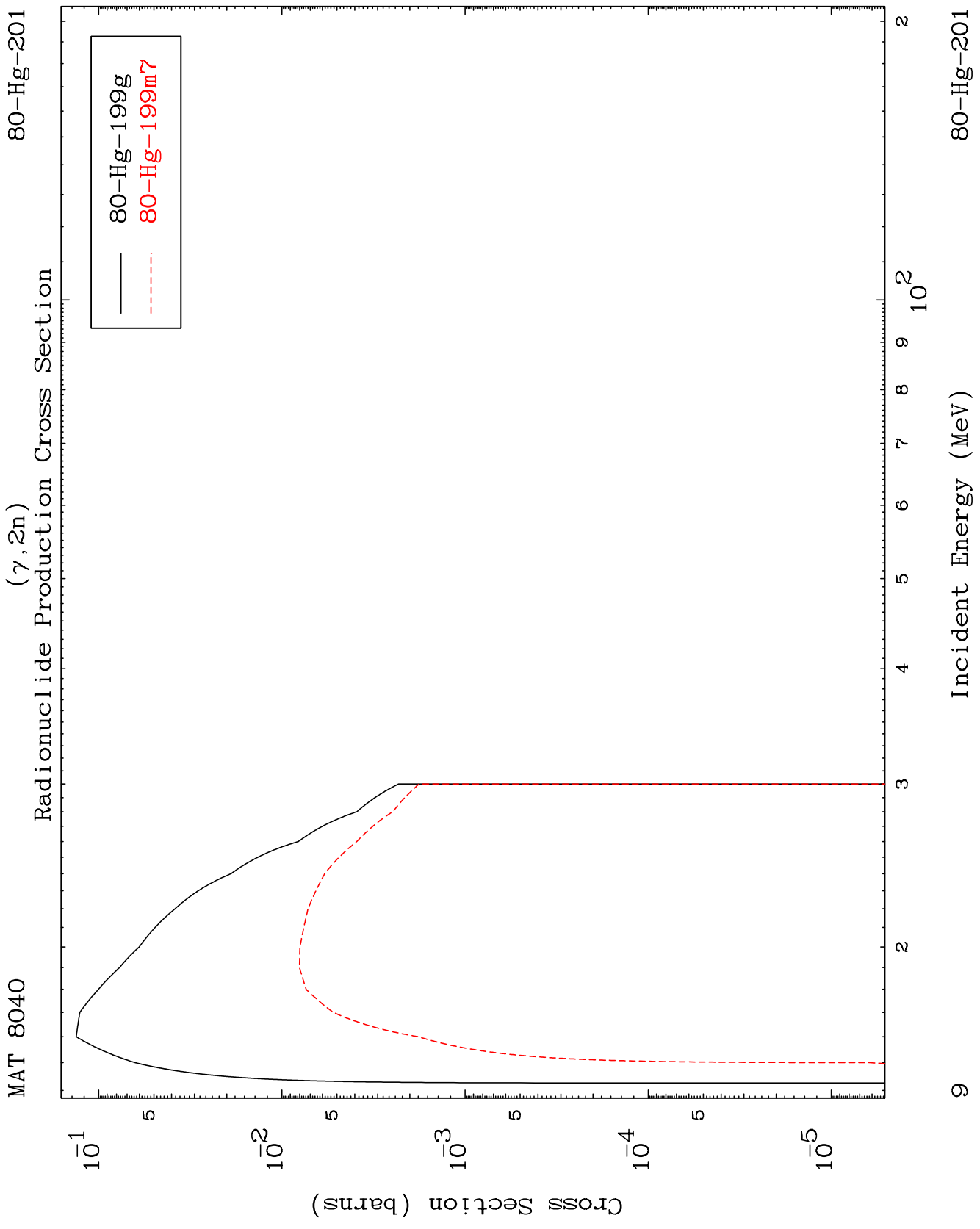
(γ, α) Levels
0 Kelvin Cross Sections

80-Hg-201



Incident Energy (MeV)

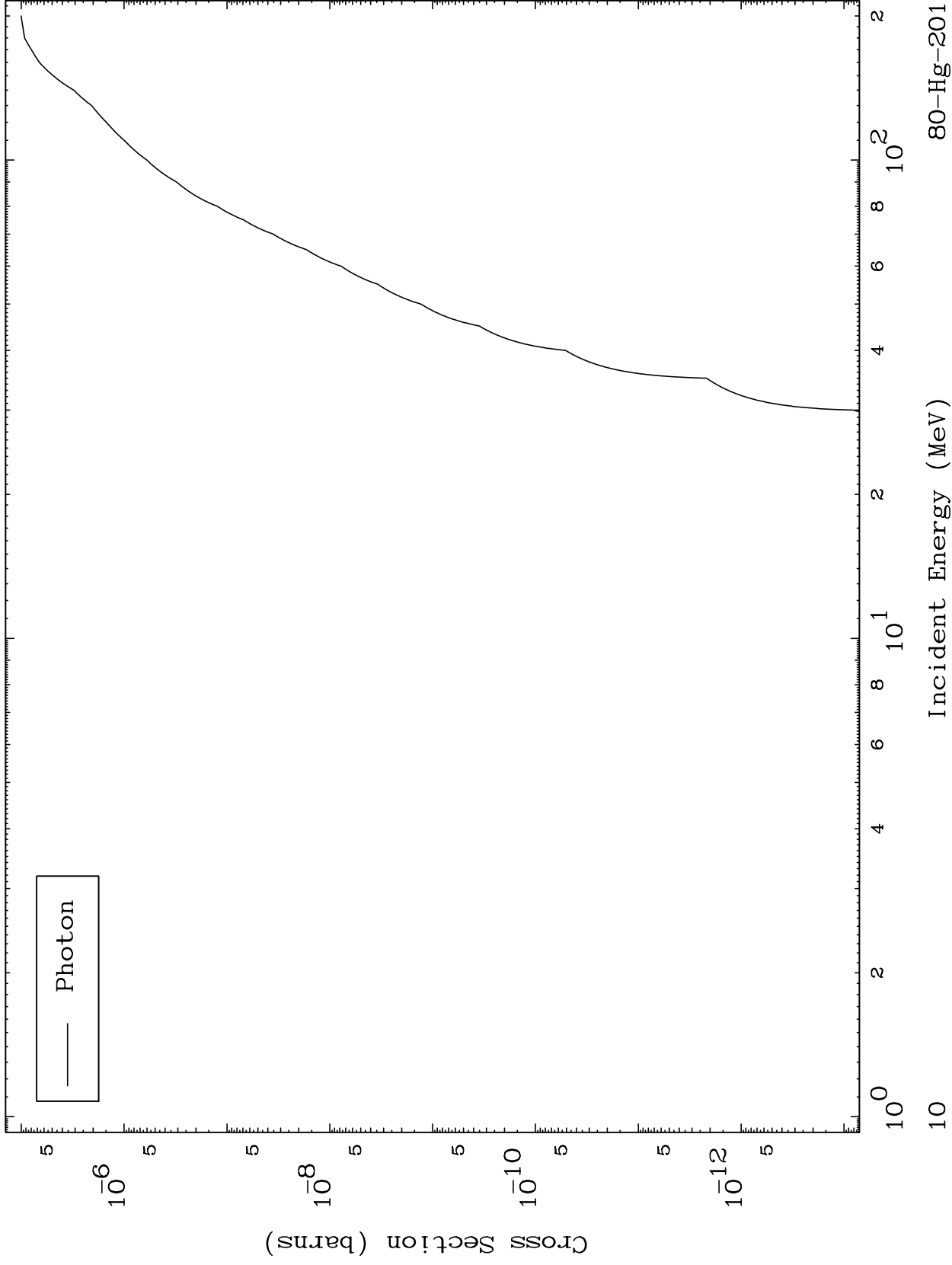
80-Hg-201



MAT 8040

Photon Fission
Radionuclide Production Cross Section

80-Hg-201

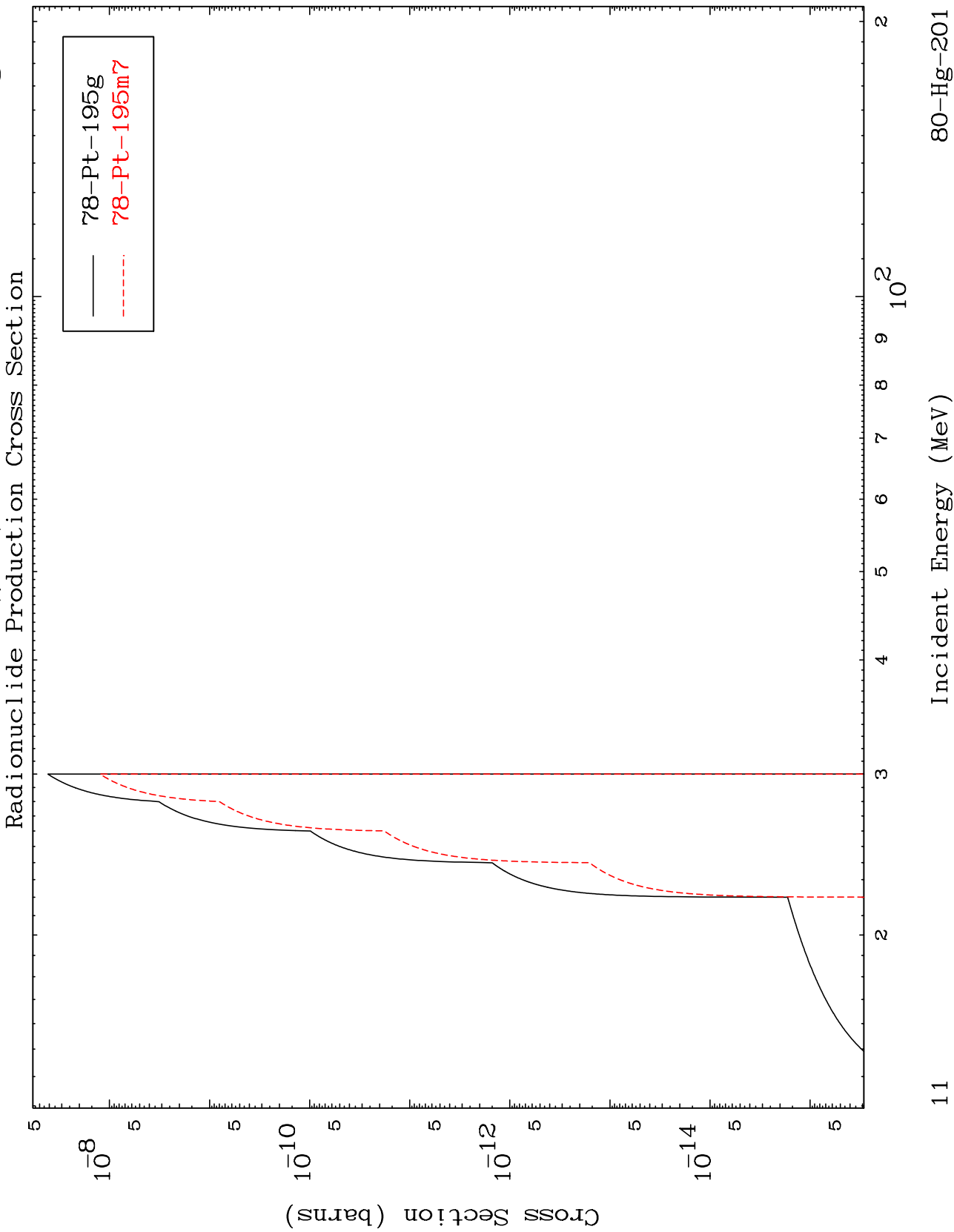


80-Hg-201

MAT 8040

$(\gamma, 2n) \alpha$

80-Hg-201

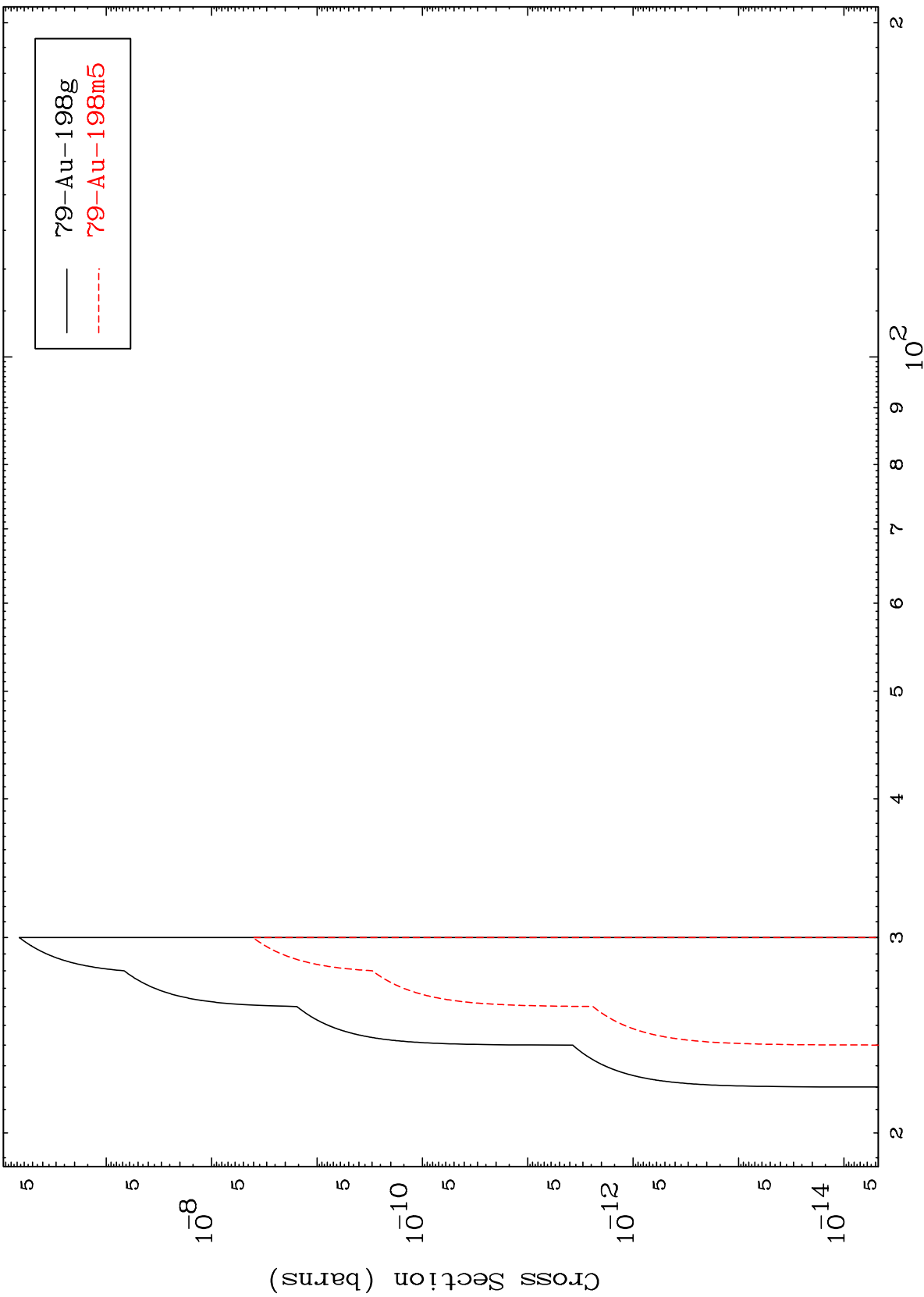


MAT 8040

(γ, n') d

80-Hg-201

Radionuclide Production Cross Section



12

Incident Energy (MeV)

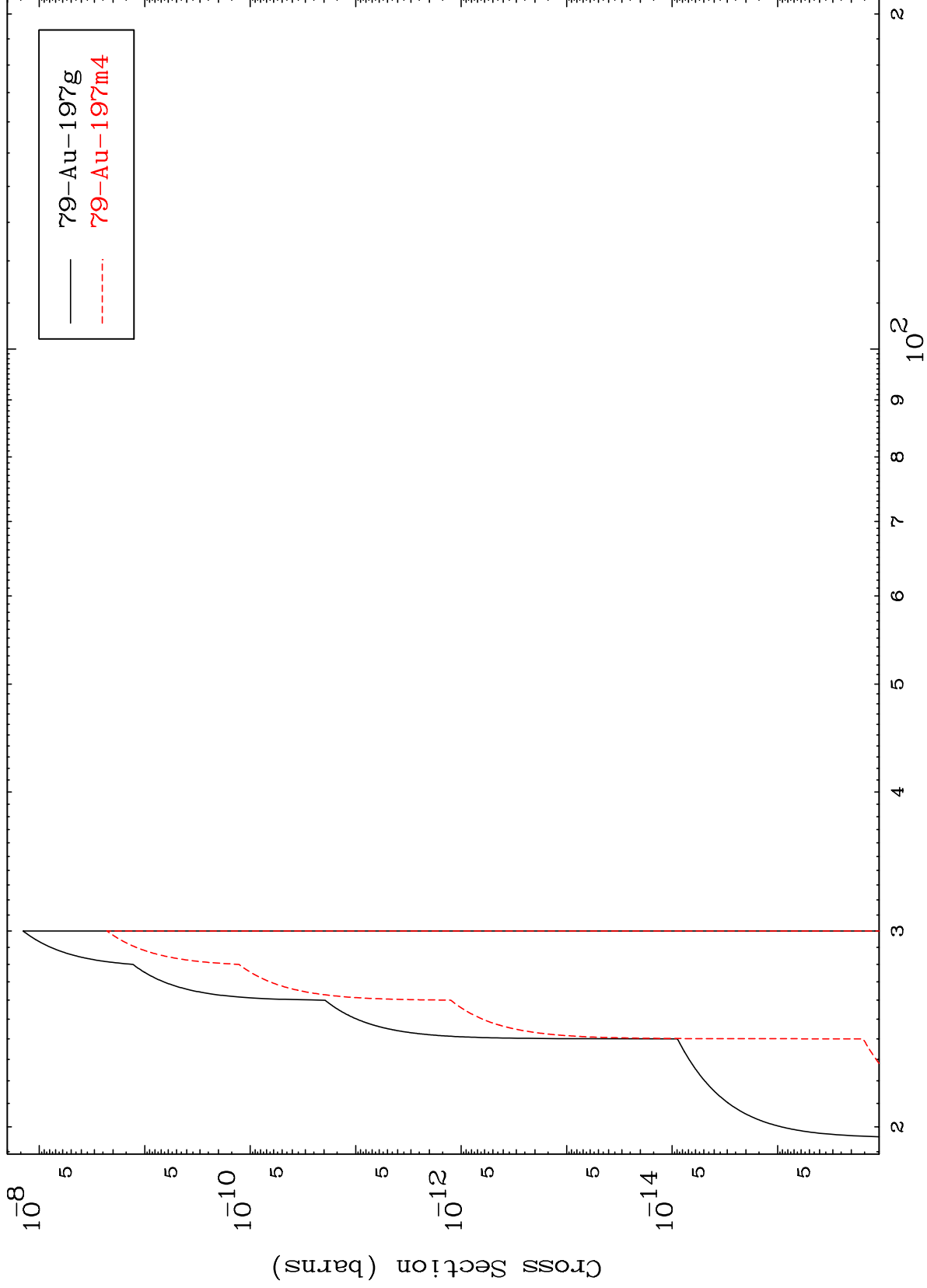
80-Hg-201

MAT 8040

(γ, n') t

80-Hg-201

Radionuclide Production Cross Section



13

Incident Energy (MeV)

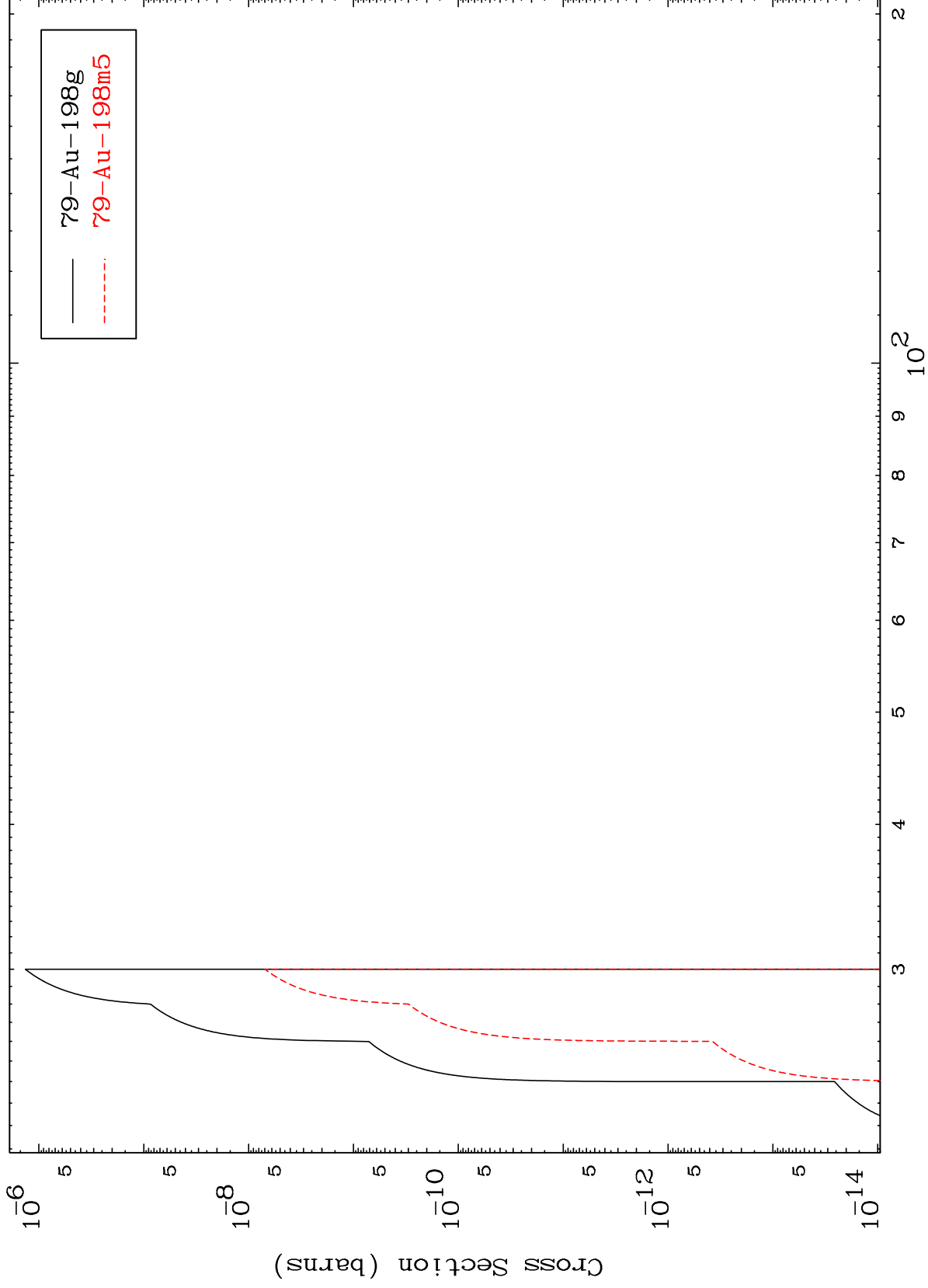
80-Hg-201

MAT 8040

80-Hg-201

$(\gamma, 2n)$ p

Radionuclide Production Cross Section



14

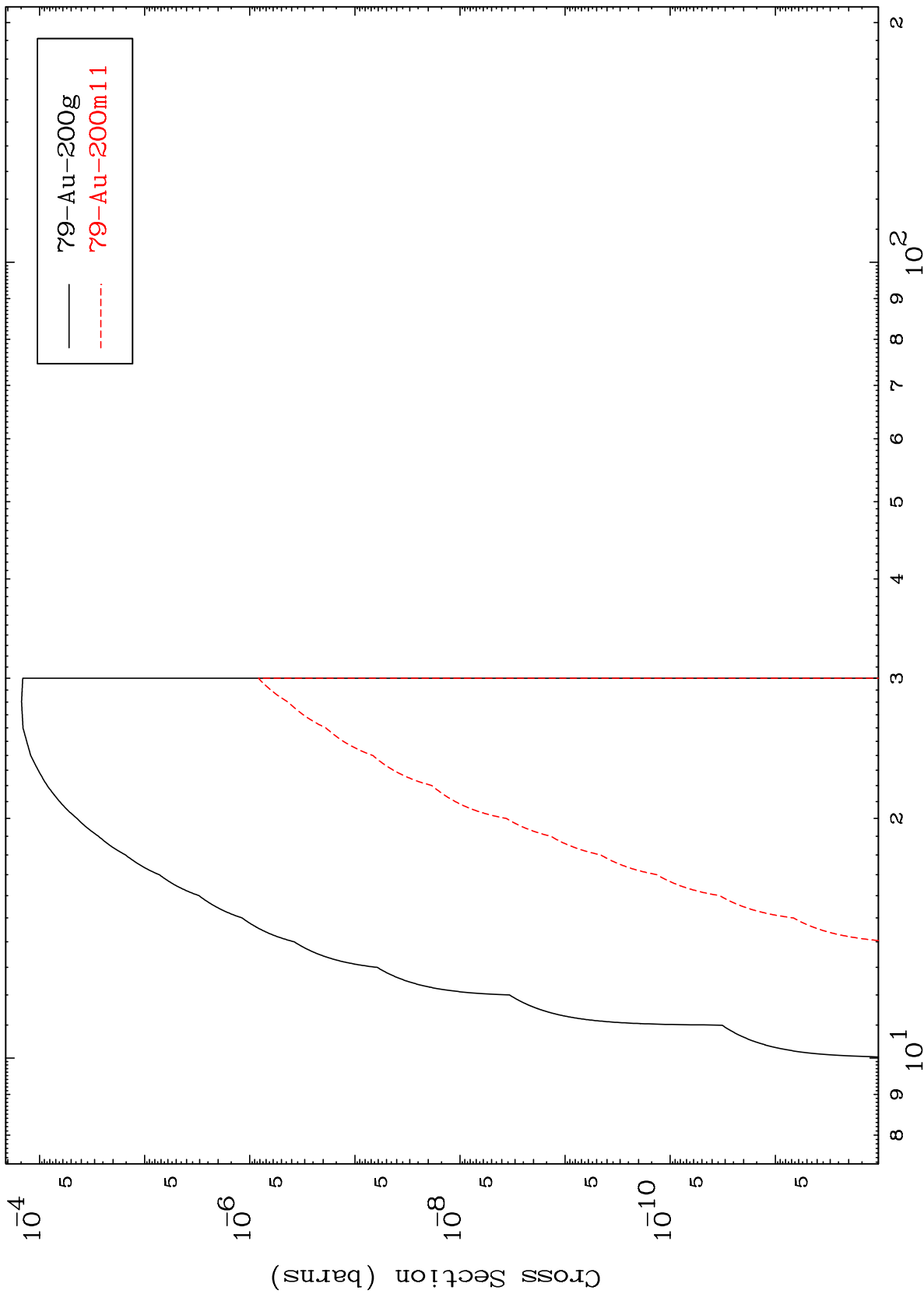
Incident Energy (MeV)

80-Hg-201

MAT 8040

80-Hg-201

(γ, p)
Radionuclide Production Cross Section



15

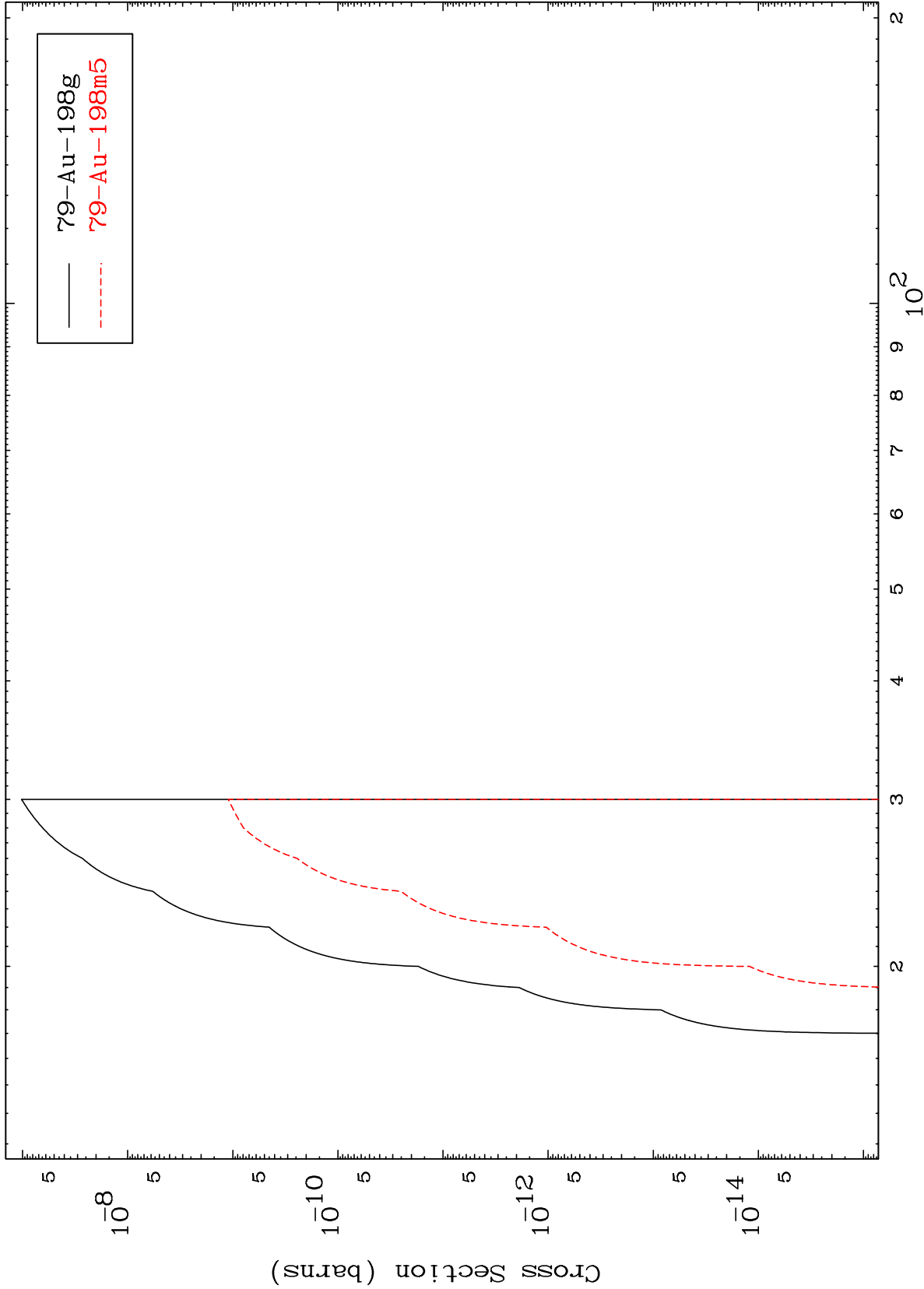
Incident Energy (MeV)

80-Hg-201

MAT 8040

80-Hg-201

(γ, t)
Radionuclide Production Cross Section



16

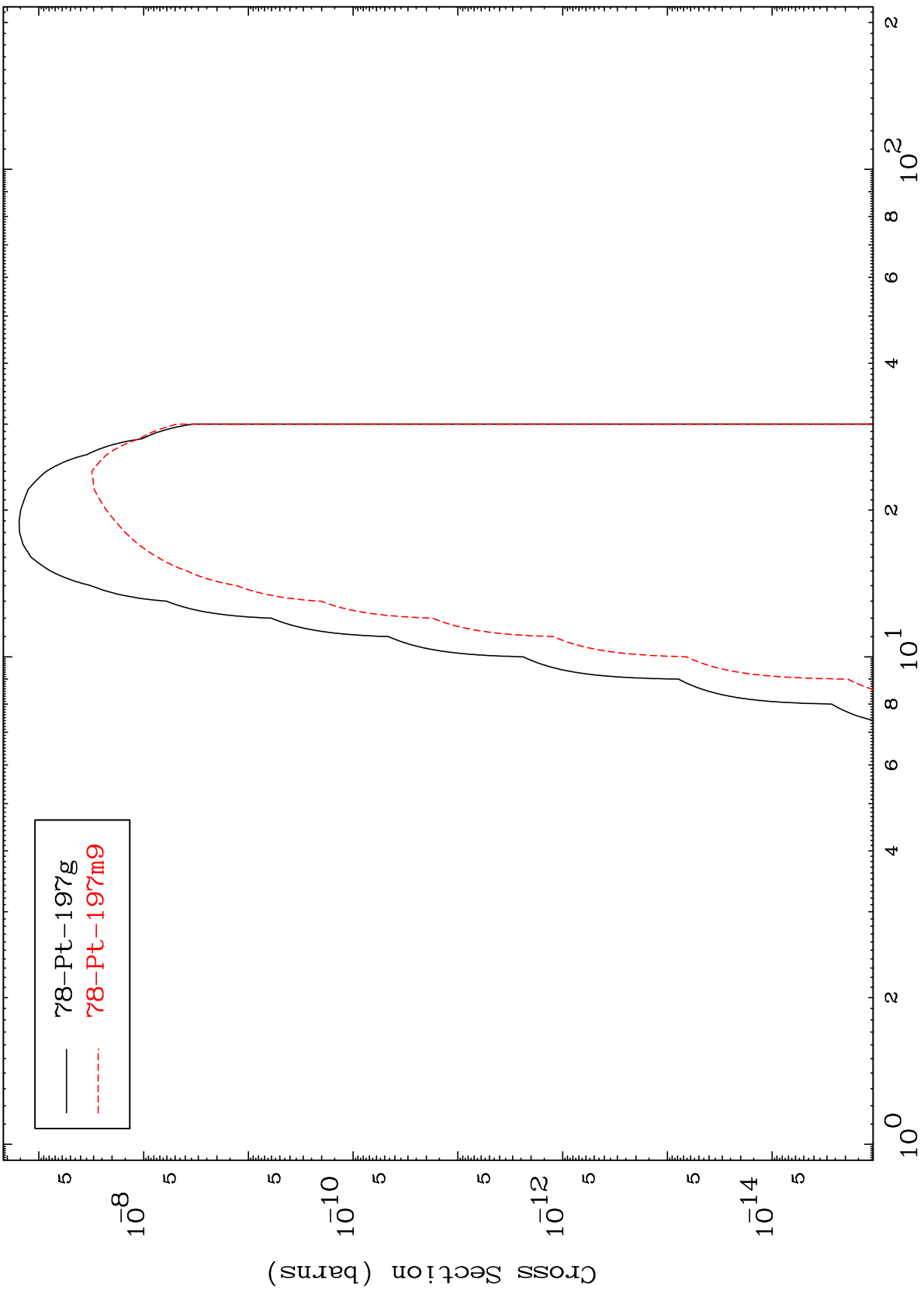
80-Hg-201

Incident Energy (MeV)

MAT 8040

80-Hg-201

Radionuclide Production Cross Section
(γ, α)



80-Hg-201

Incident Energy (MeV)

17