

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

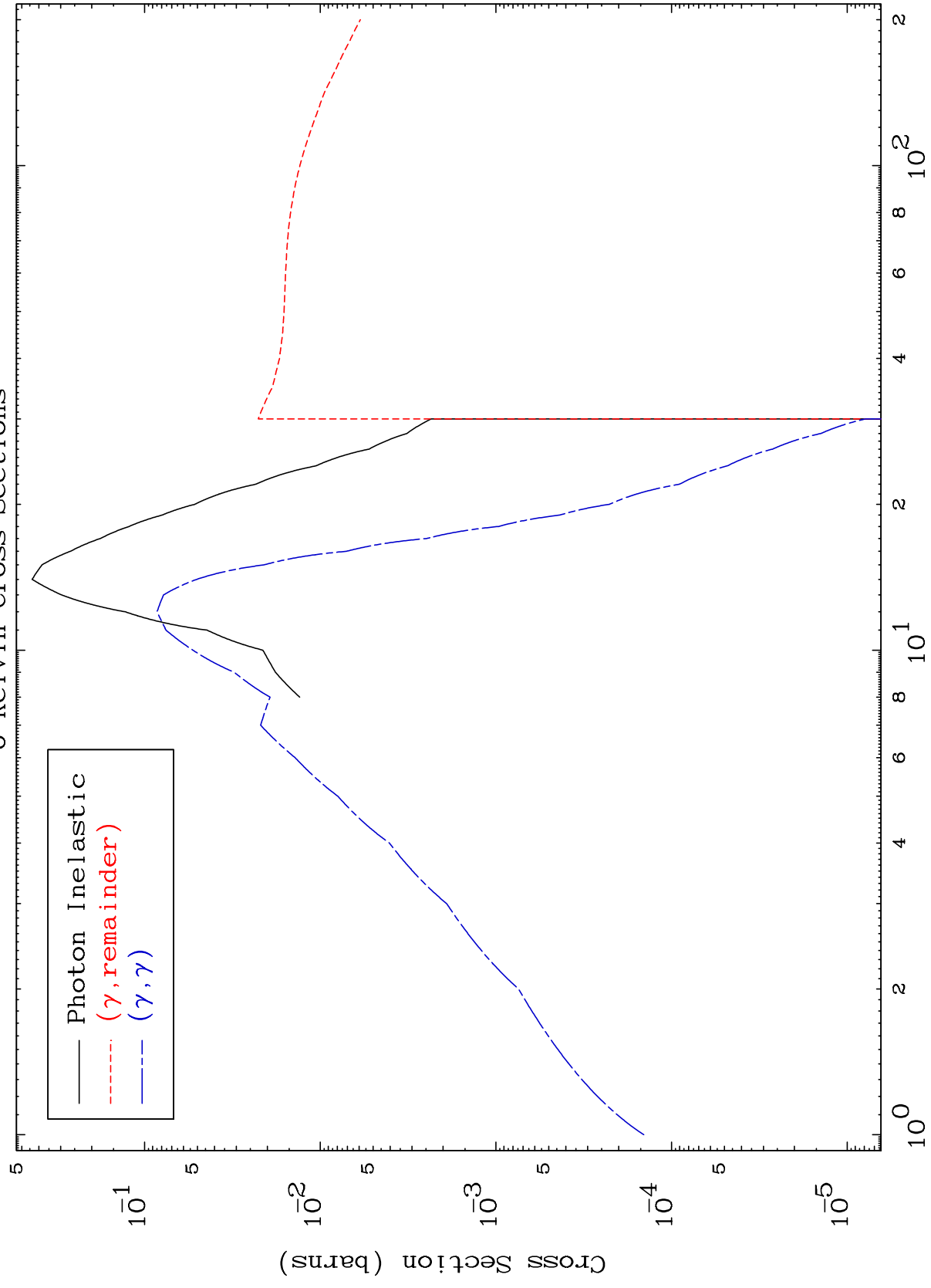
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8010

Photon Major
0 Kelvin Cross Sections

80-Hg-191



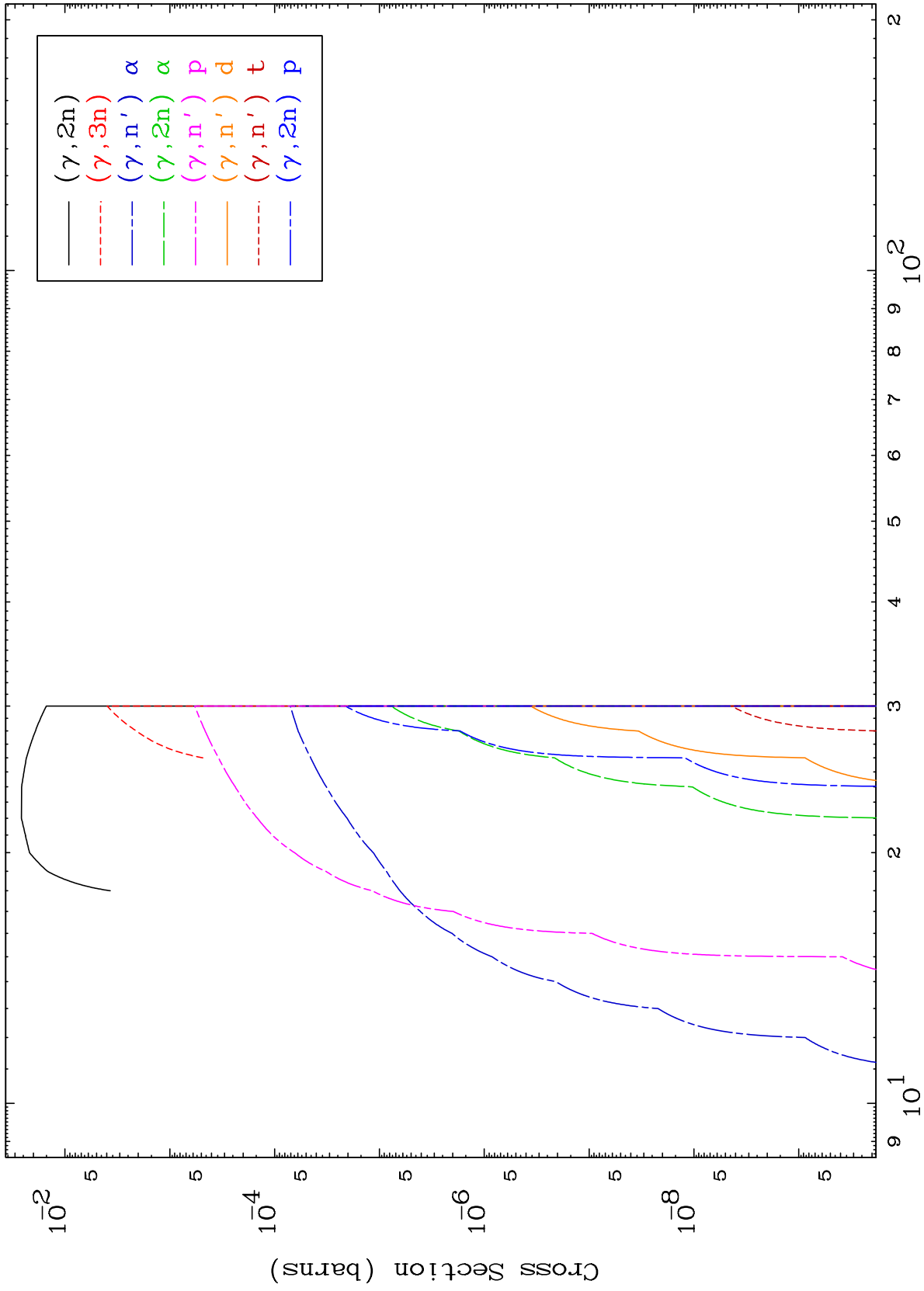
Incident Energy (MeV)

80-Hg-191

MAT 8010

Photon Neutron Production
0 Kelvin Cross Sections

80-Hg-191



2

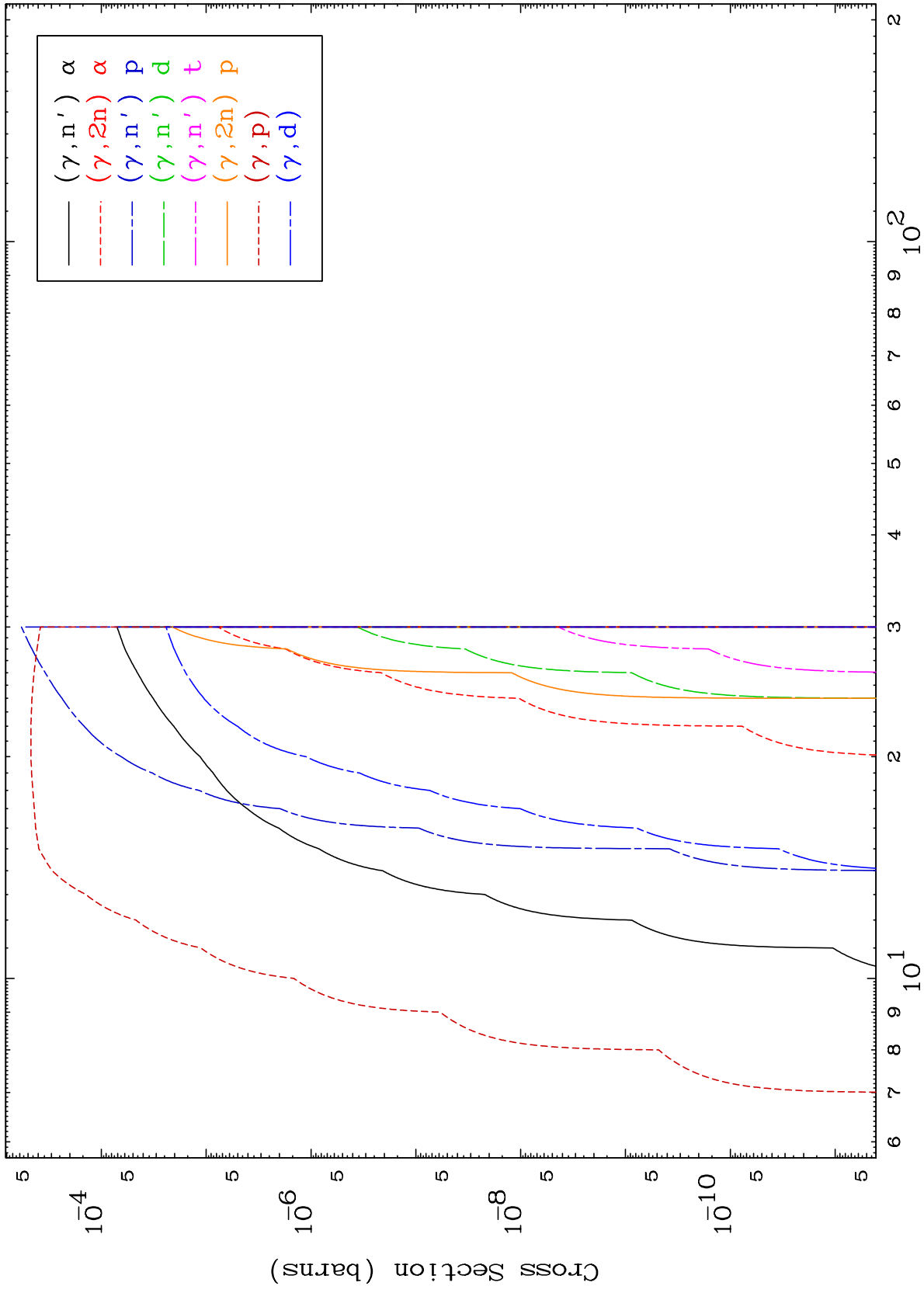
Incident Energy (MeV)

80-Hg-191

MAT 8010

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-191



3

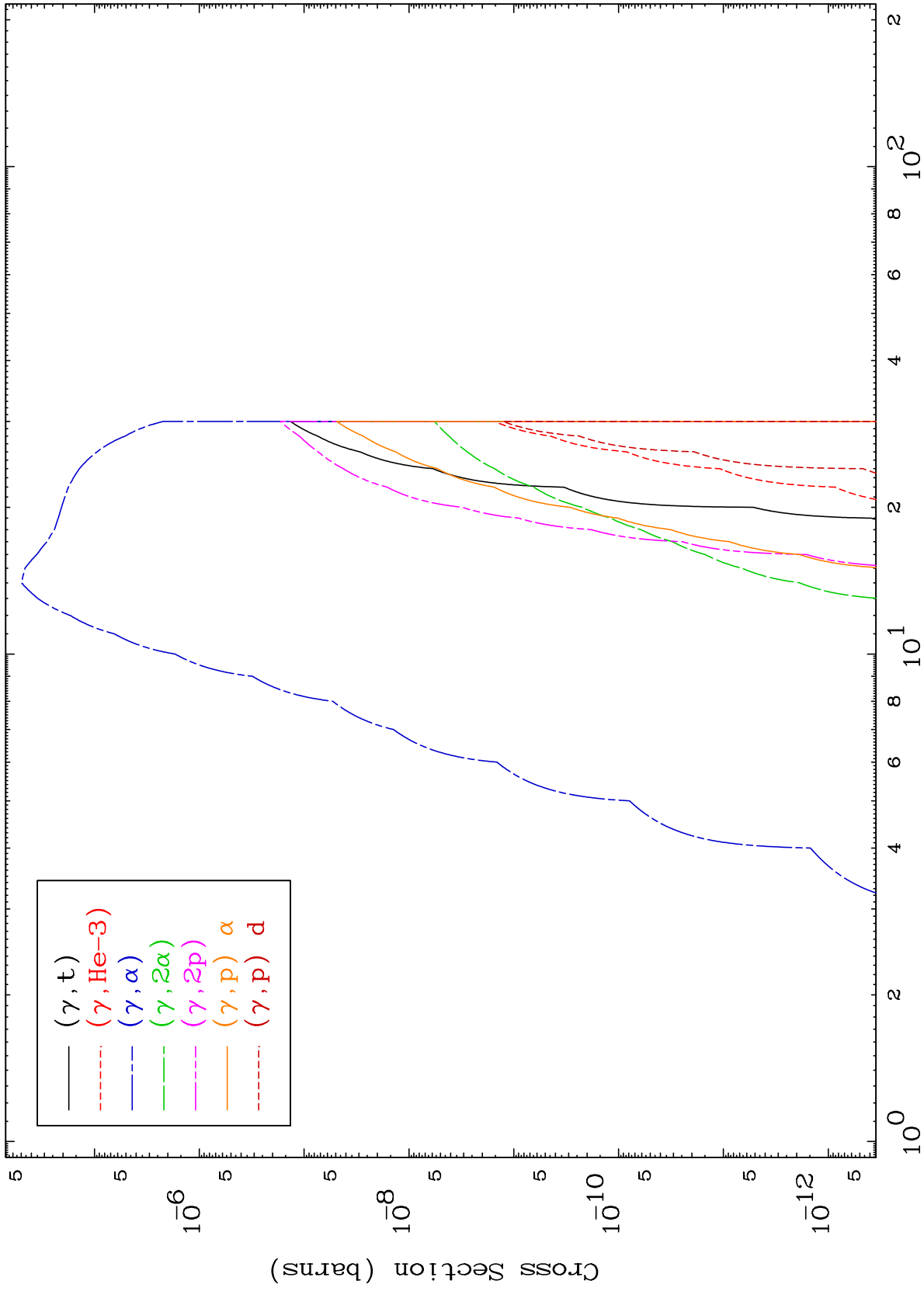
Incident Energy (MeV)

80-Hg-191

MAT 8010

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-191



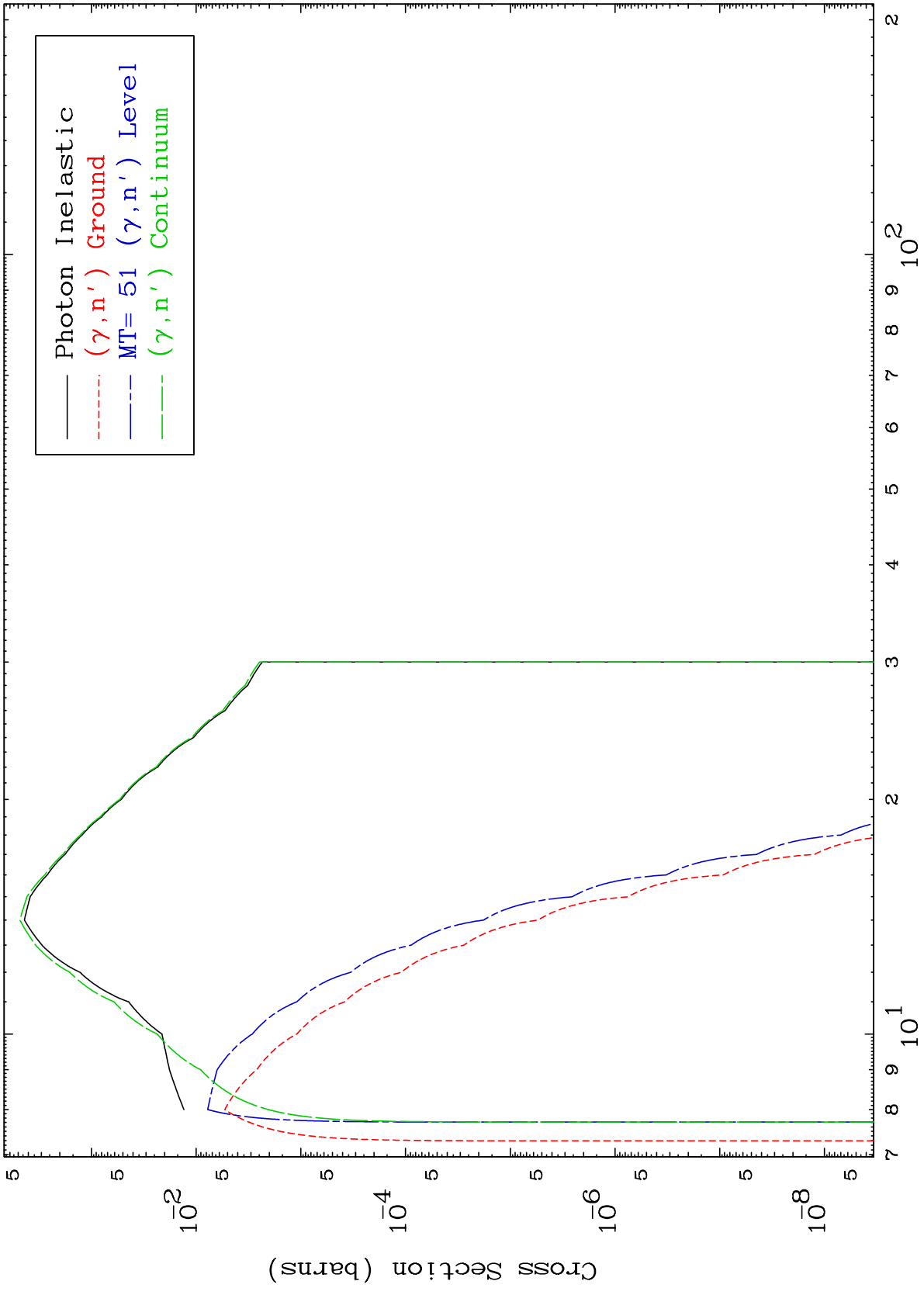
Incident Energy (MeV)

80-Hg-191

MAT 8010

(γ, n') Level
0 Kelvin Cross Sections

80-Hg-191



5

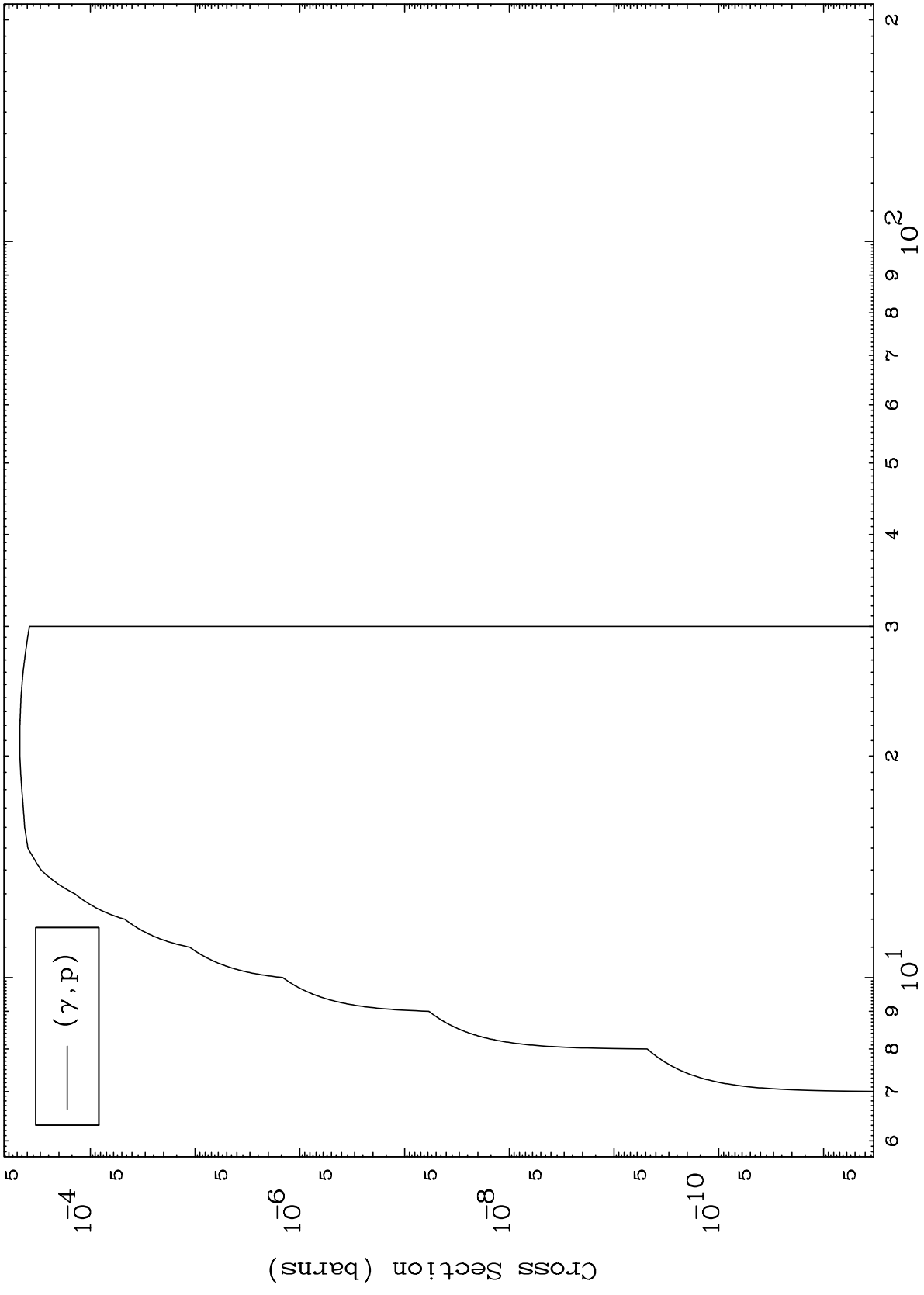
Incident Energy (MeV)

80-Hg-191

MAT 8010

80-Hg-191

(γ, p) Levels
0 Kelvin Cross Sections



80-Hg-191

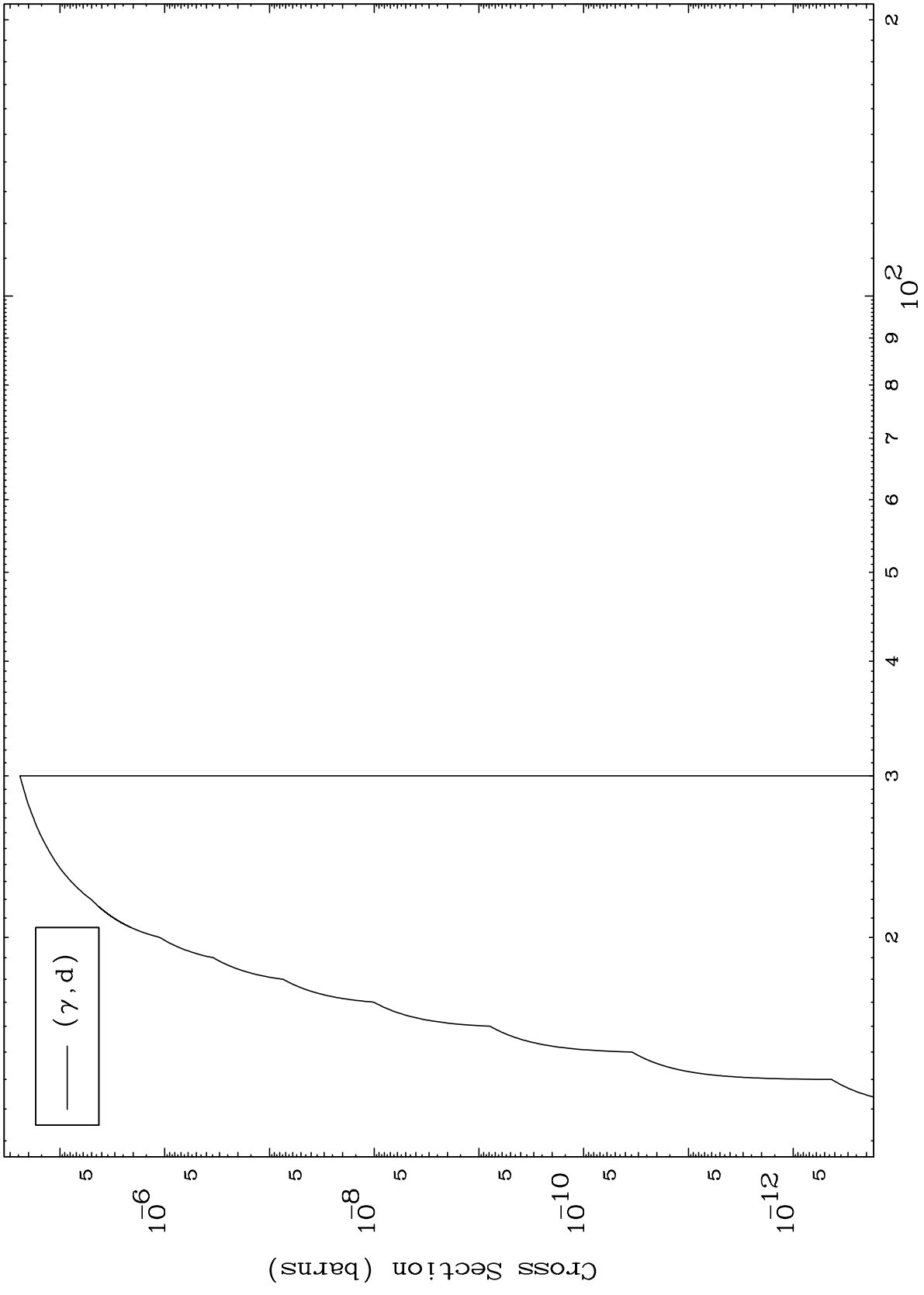
Incident Energy (MeV)

6

MAT 8010

(γ, d) Levels
0 Kelvin Cross Sections

80-Hg-191



7

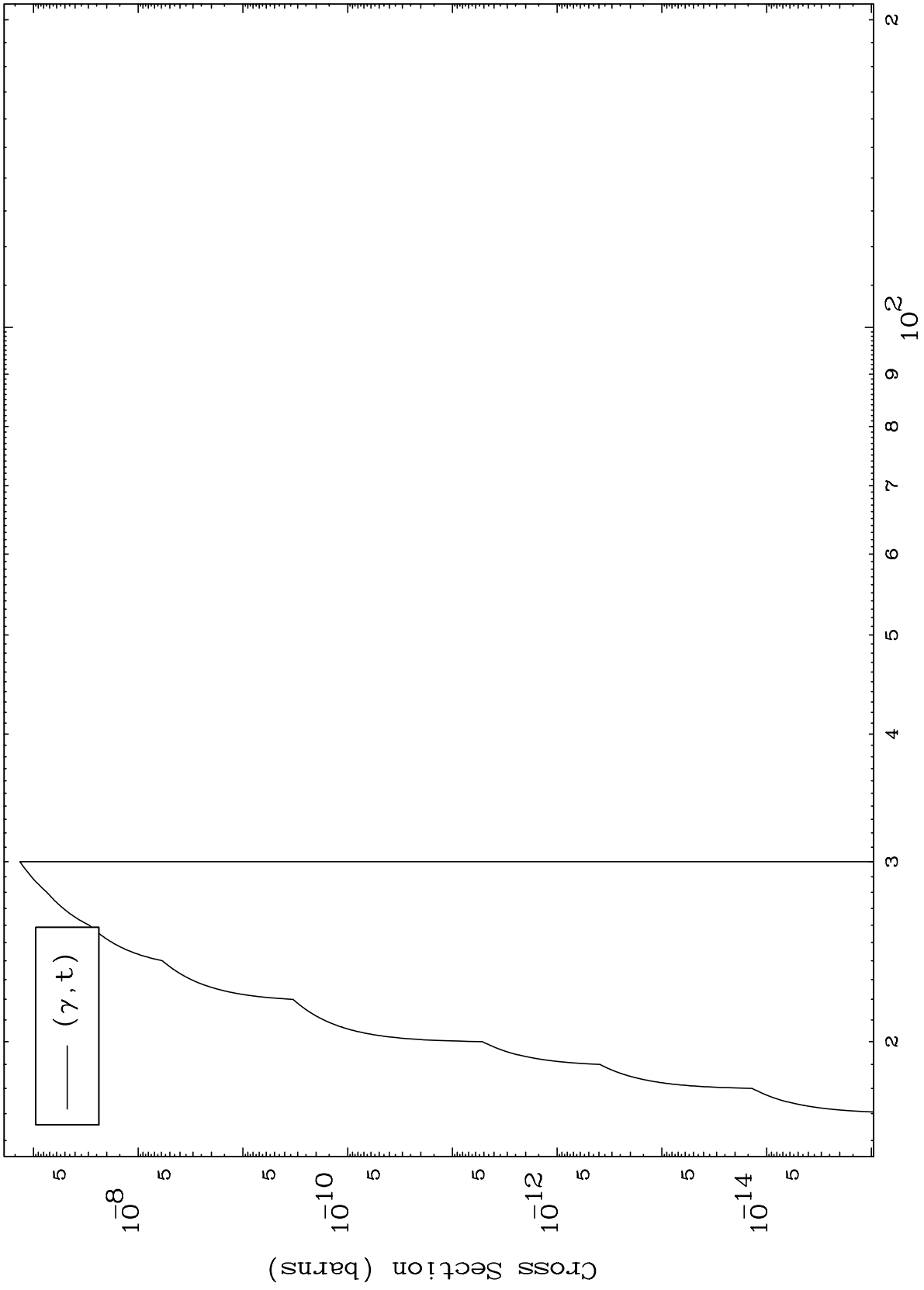
Incident Energy (MeV)

80-Hg-191

MAT 8010

(γ, t) Levels
0 Kelvin Cross Sections

80-Hg-191



8

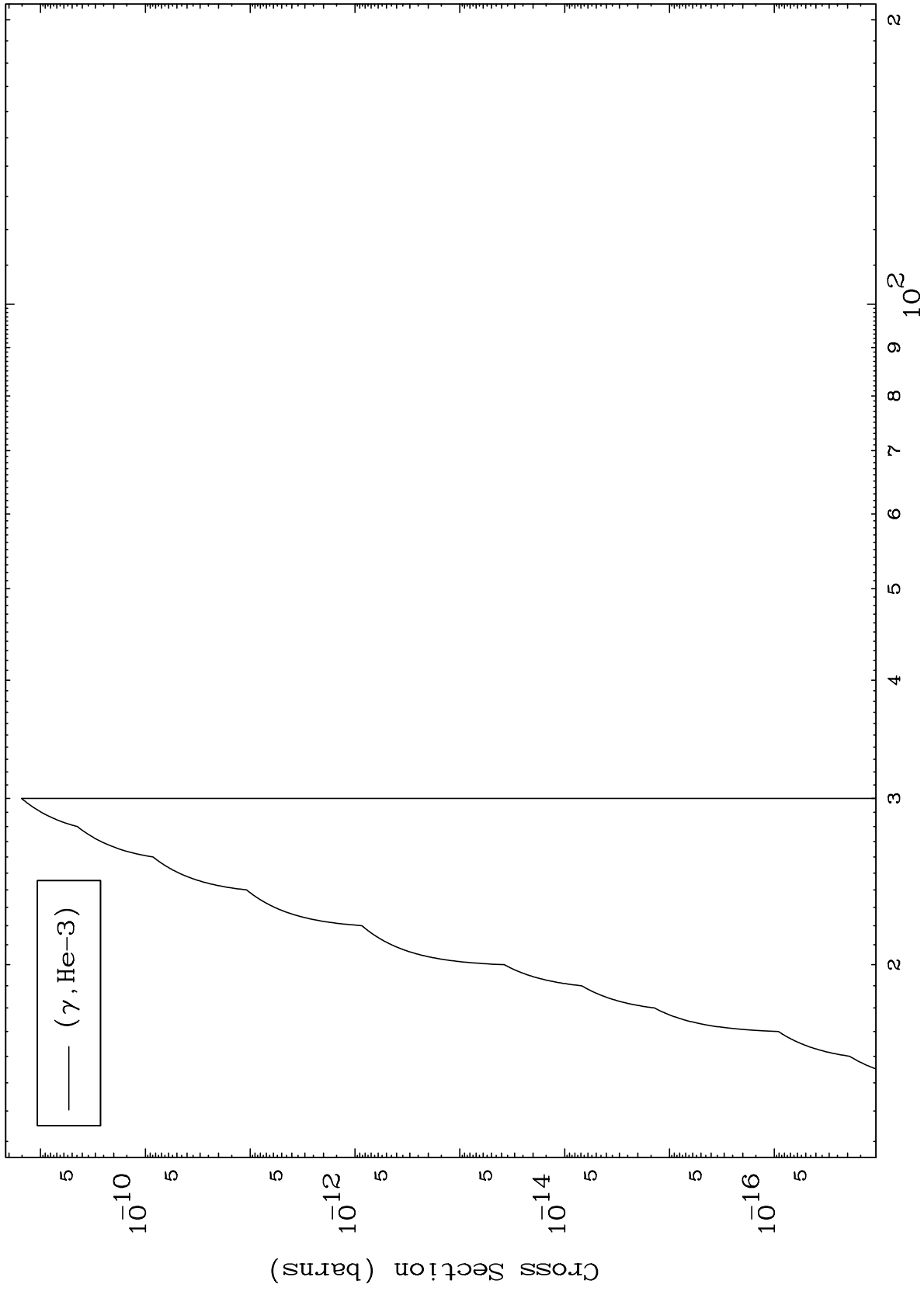
Incident Energy (MeV)

80-Hg-191

MAT 8010

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

80-Hg-191



9

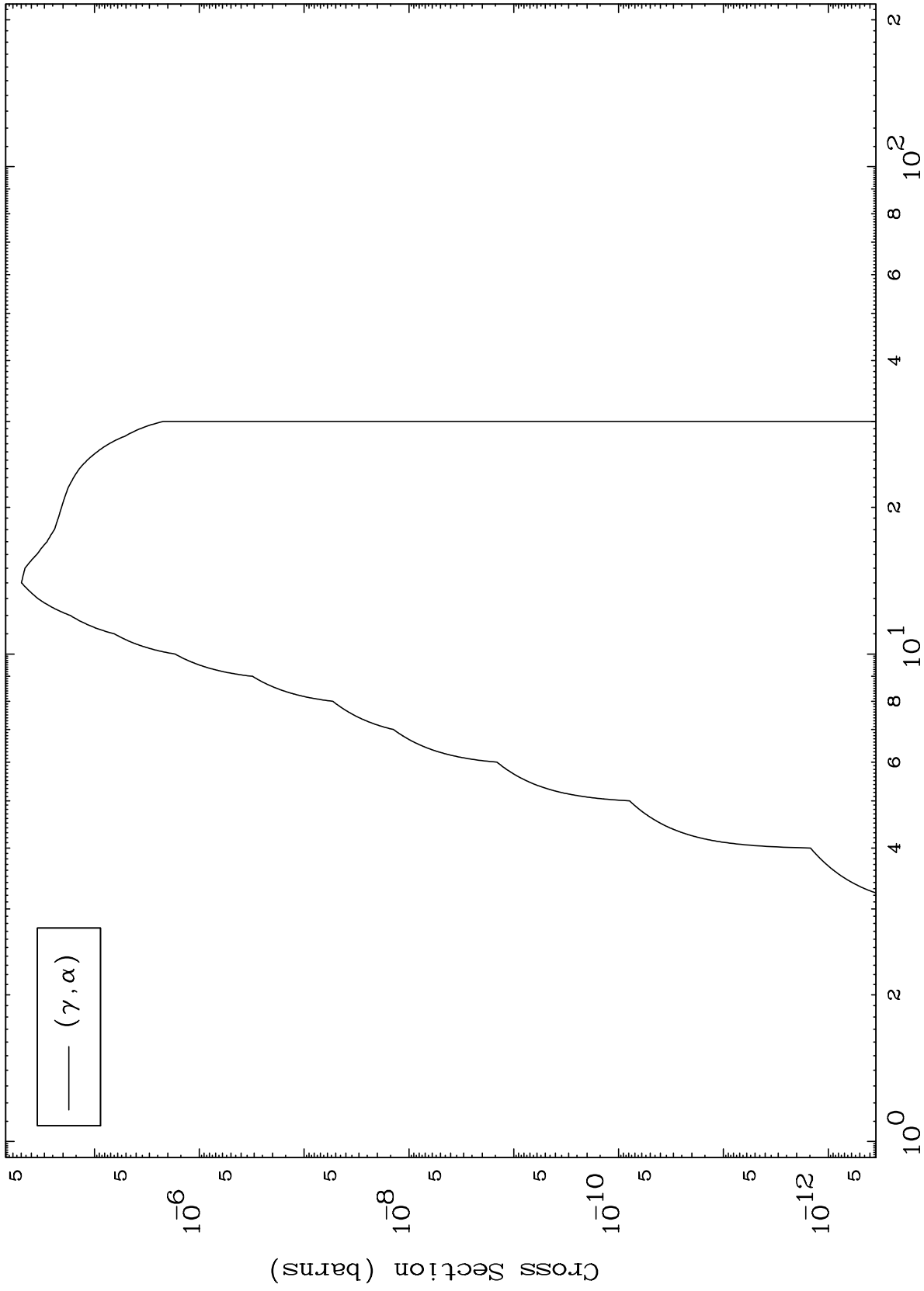
Incident Energy (MeV)

80-Hg-191

MAT 8010

(γ, α) Levels
0 Kelvin Cross Sections

80-Hg-191



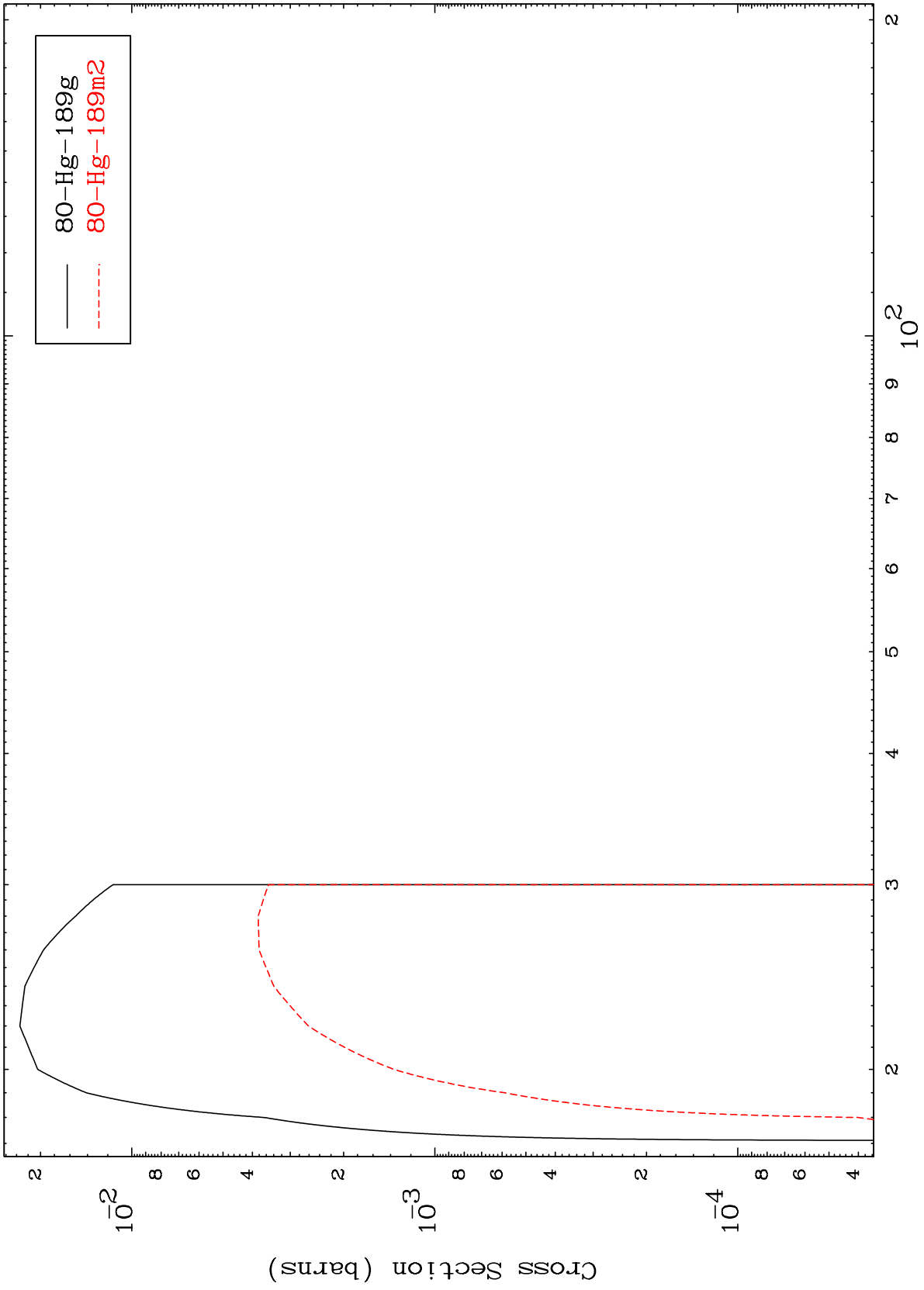
Incident Energy (MeV)

80-Hg-191

MAT 8010

80-Hg-191

Radionuclide Production Cross Section
($\gamma, 2n$)



11

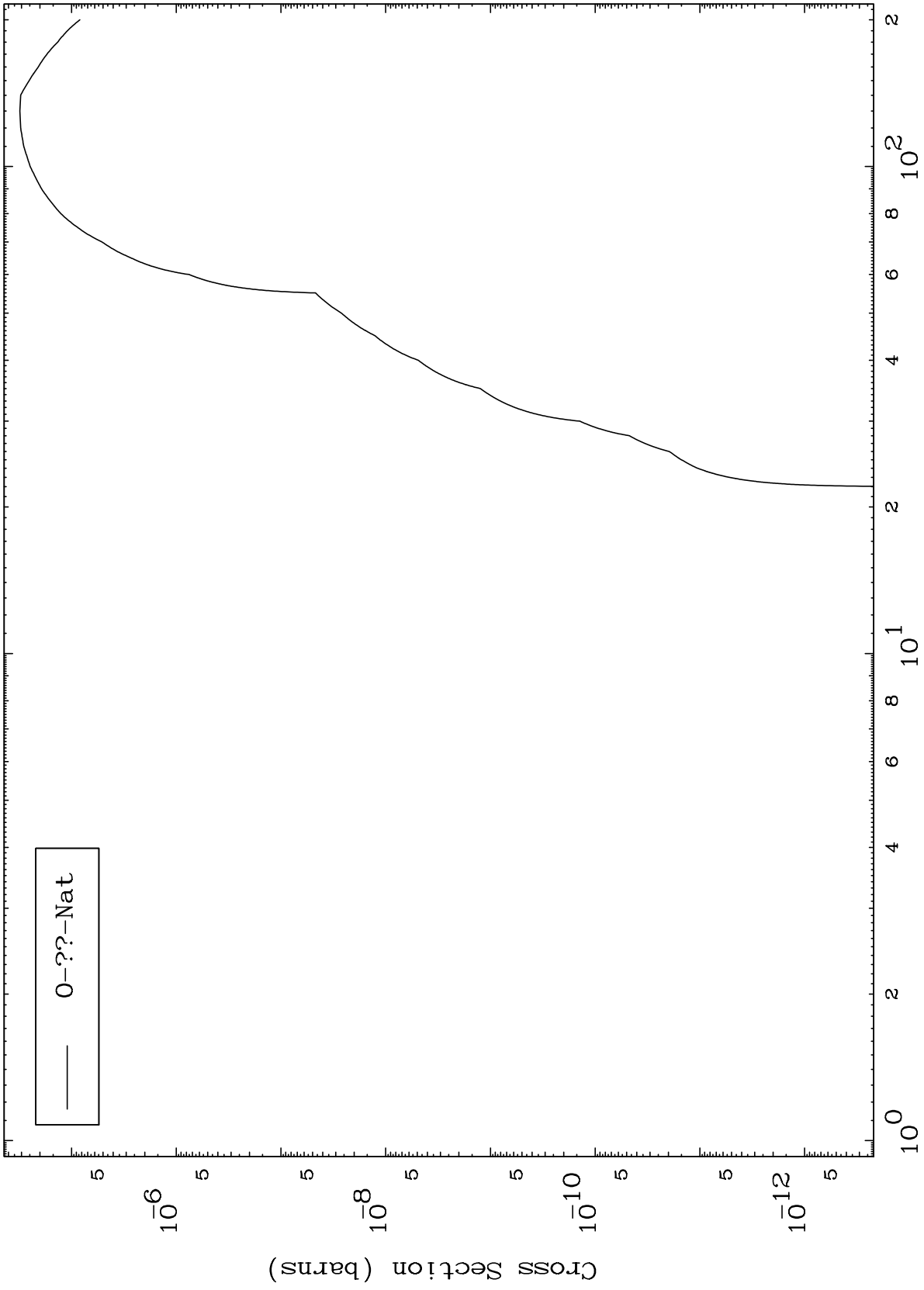
Incident Energy (MeV)

80-Hg-191

MAT 8010

Photon Fission
Radionuclide Production Cross Section

80-Hg-191



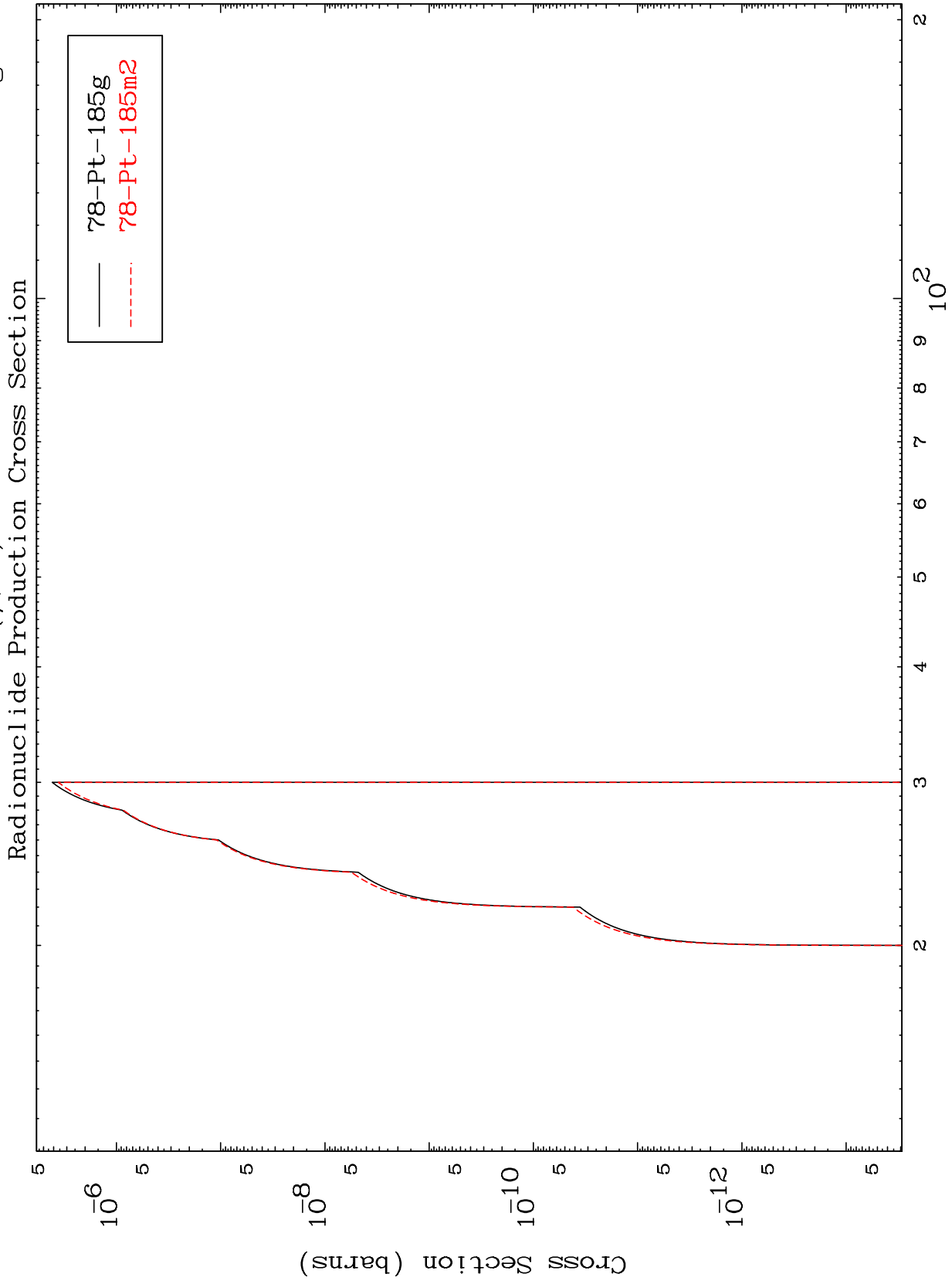
Incident Energy (MeV)

80-Hg-191

MAT 8010

$(\gamma, 2n) \alpha$

80-Hg-191



13

80-Hg-191

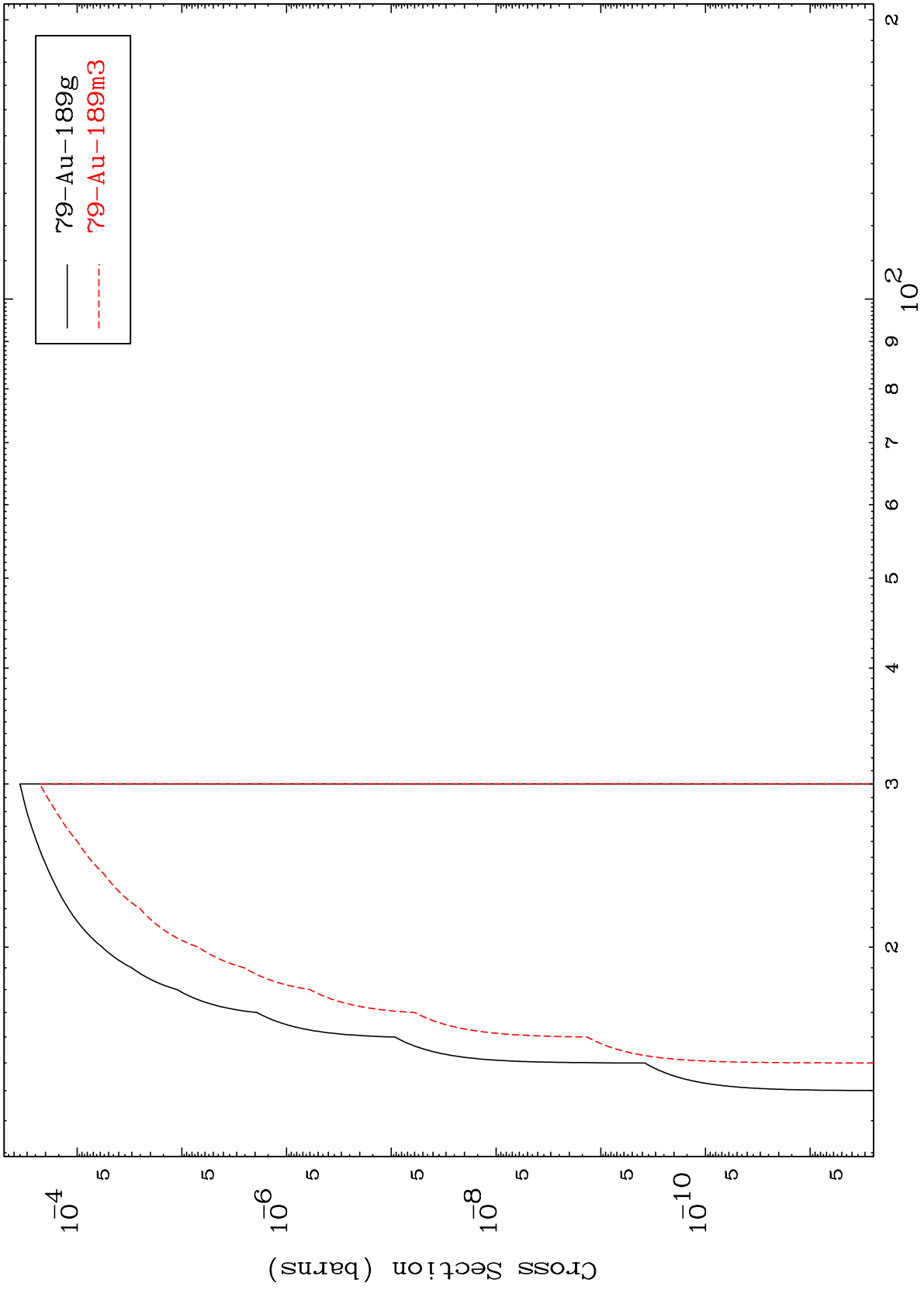
80-Hg-191

MAT 8010

(γ, n') p

80-Hg-191

Radionuclide Production Cross Section



14

Incident Energy (MeV)

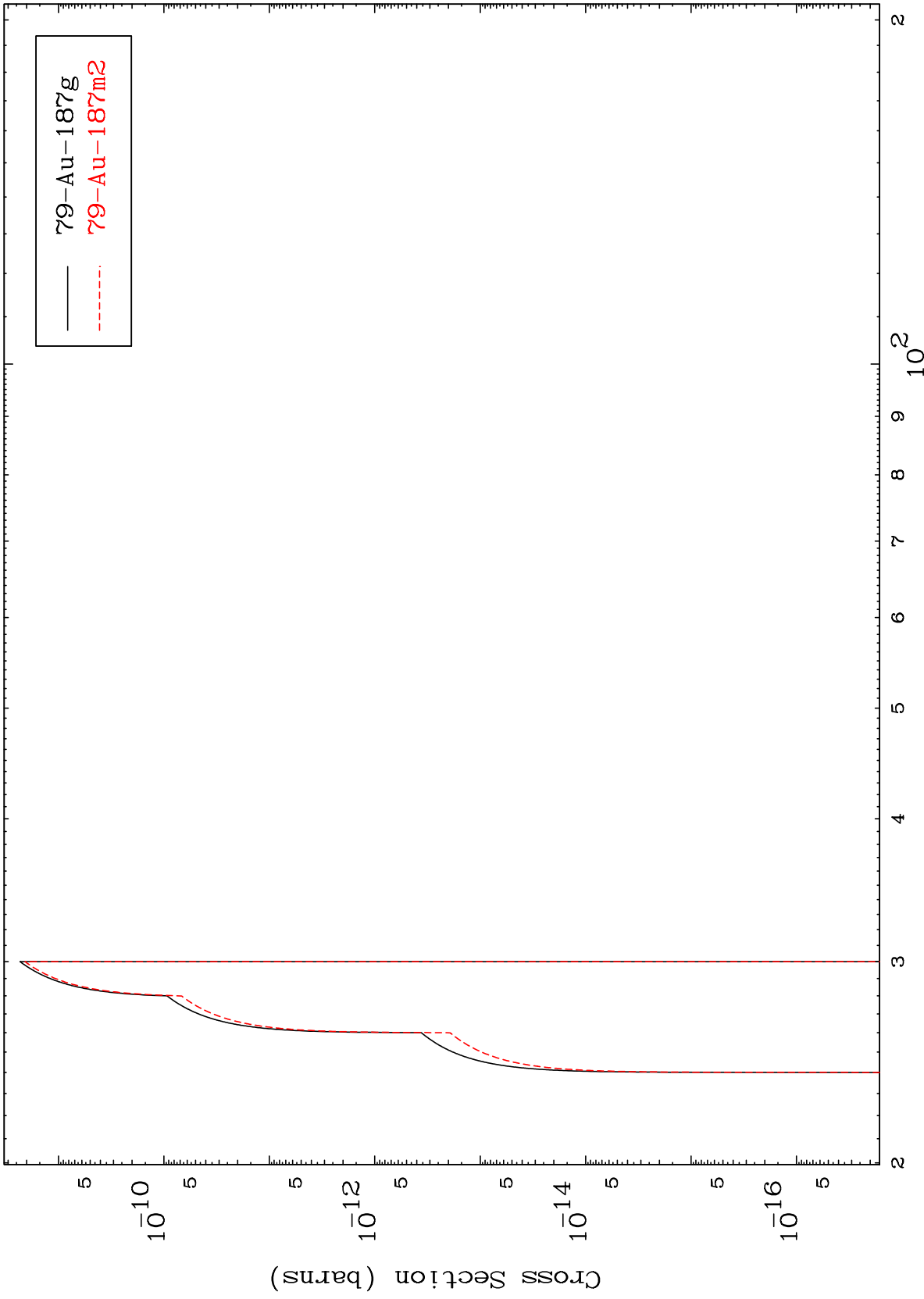
80-Hg-191

MAT 8010

(γ, n') t

80-Hg-191

Radionuclide Production Cross Section



15

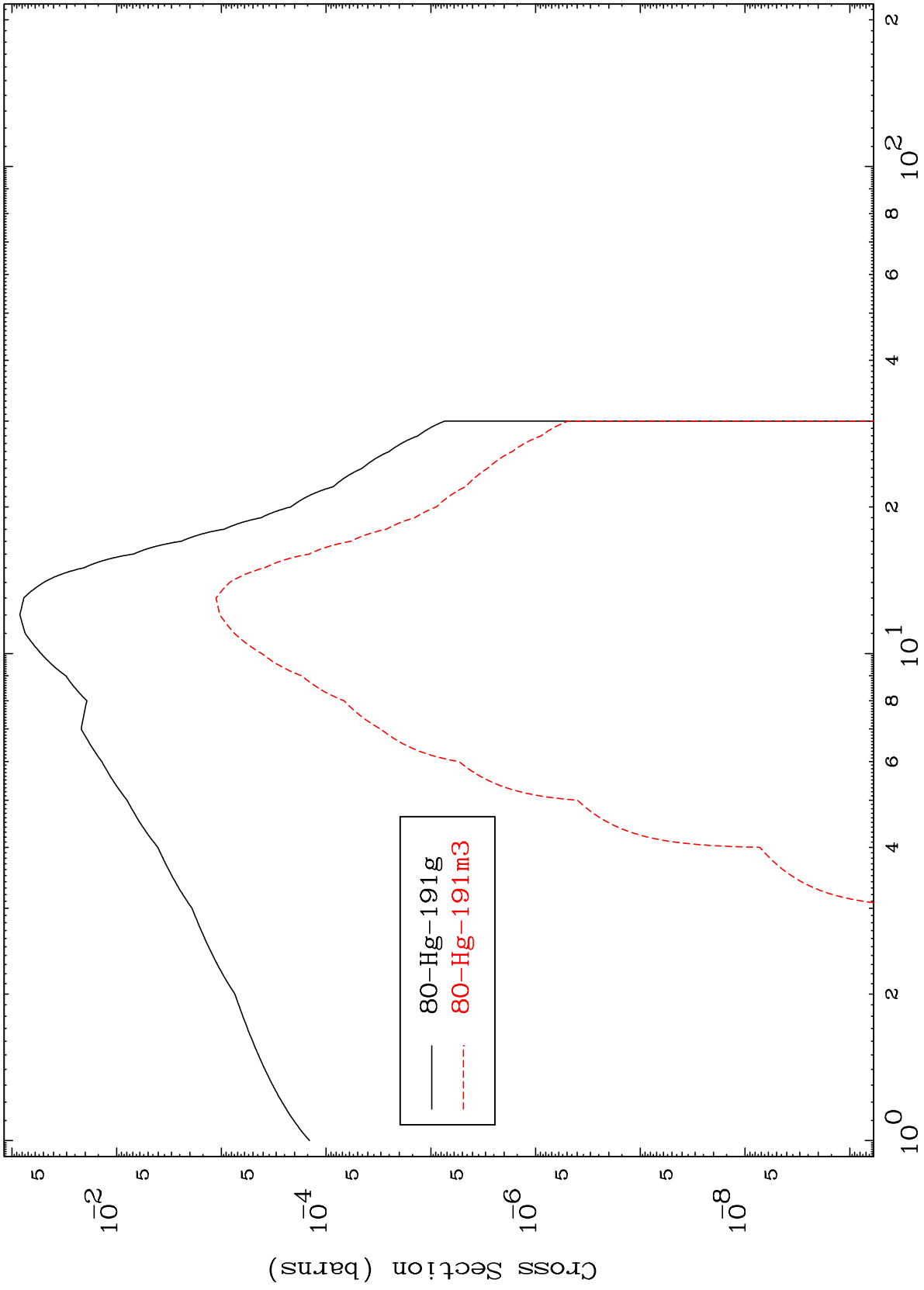
Incident Energy (MeV)

80-Hg-191

MAT 8010

Radionuclide Production Cross Section
(γ, γ)

80-Hg-191



Incident Energy (MeV)

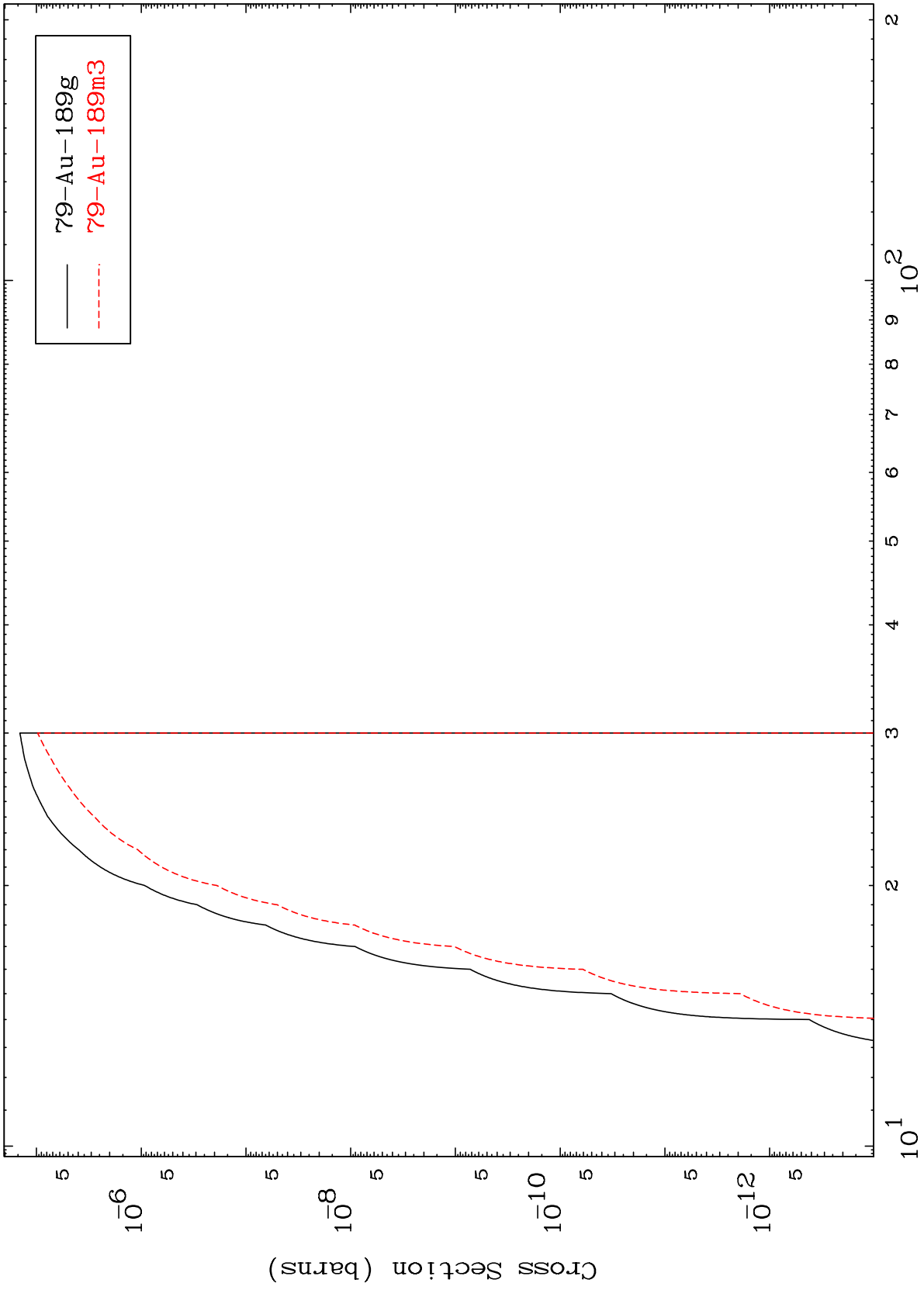
80-Hg-191

MAT 8010

(γ, d)

80-Hg-191

Radionuclide Production Cross Section



17

Incident Energy (MeV)

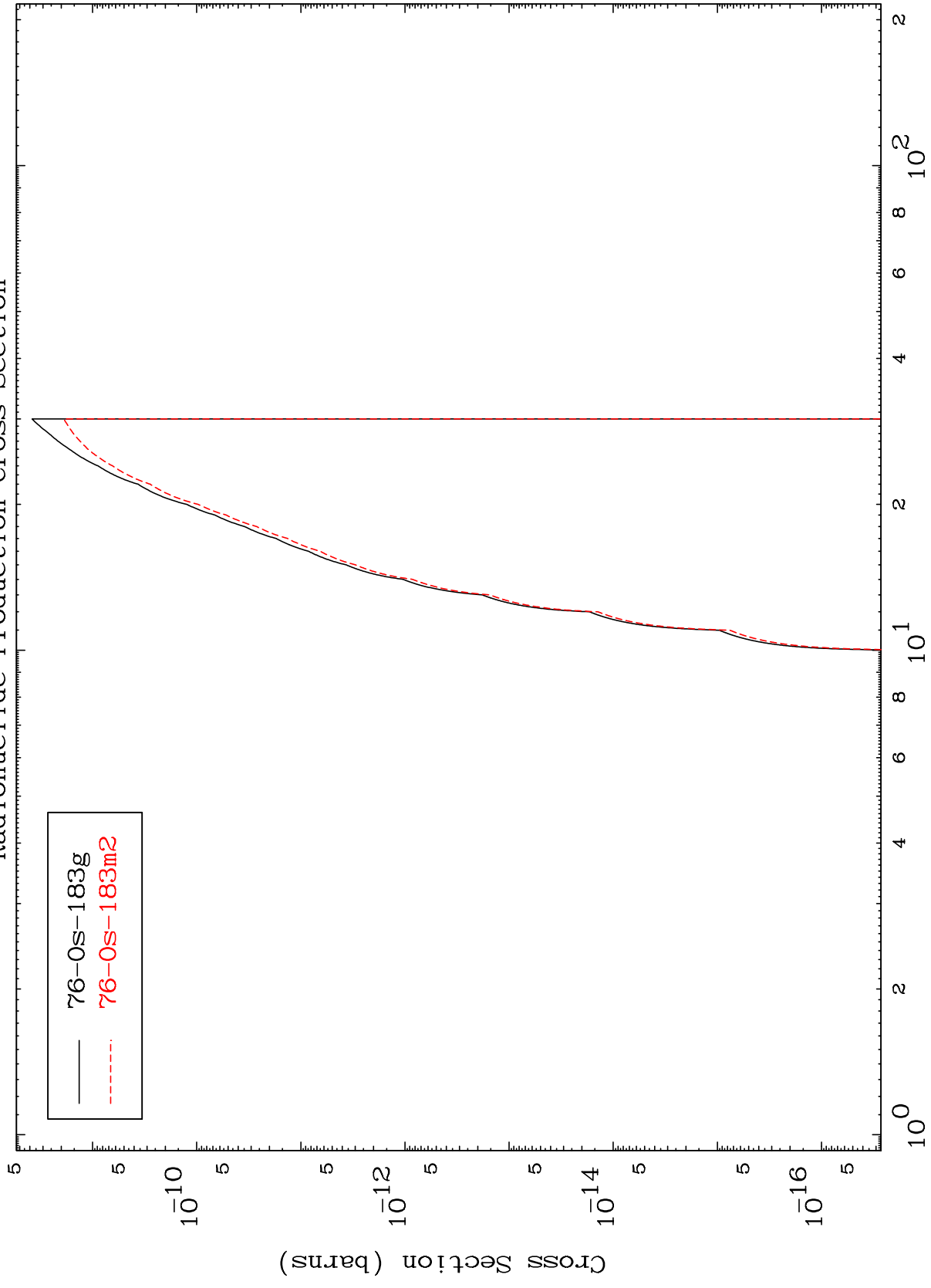
80-Hg-191

MAT 8010

($\gamma, 2\alpha$)

80-Hg-191

Radionuclide Production Cross Section



Incident Energy (MeV)

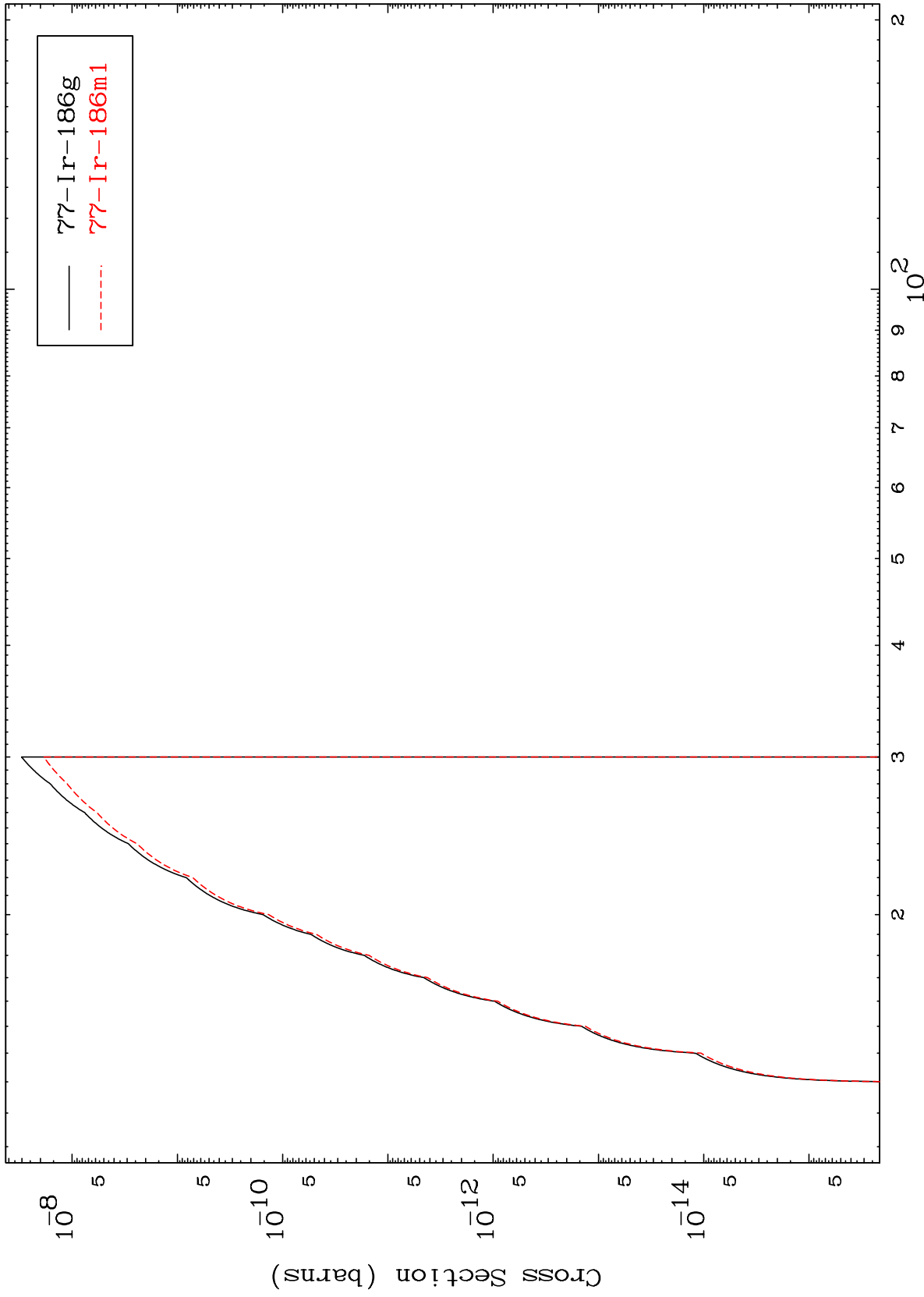
80-Hg-191

MAT 8010

(γ, p) α

80-Hg-191

Radionuclide Production Cross Section



19

Incident Energy (MeV)

80-Hg-191