

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

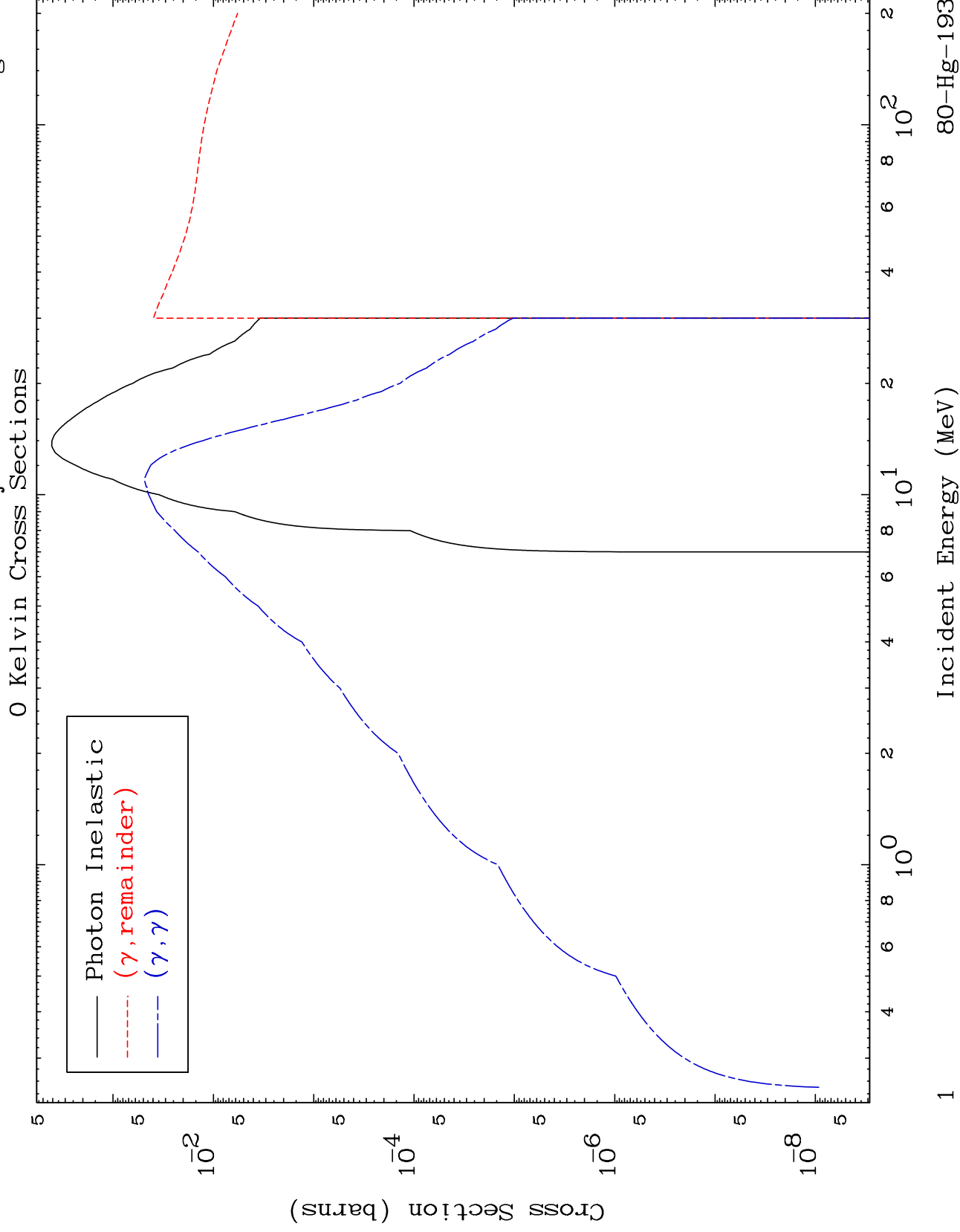
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8017

Photon Major

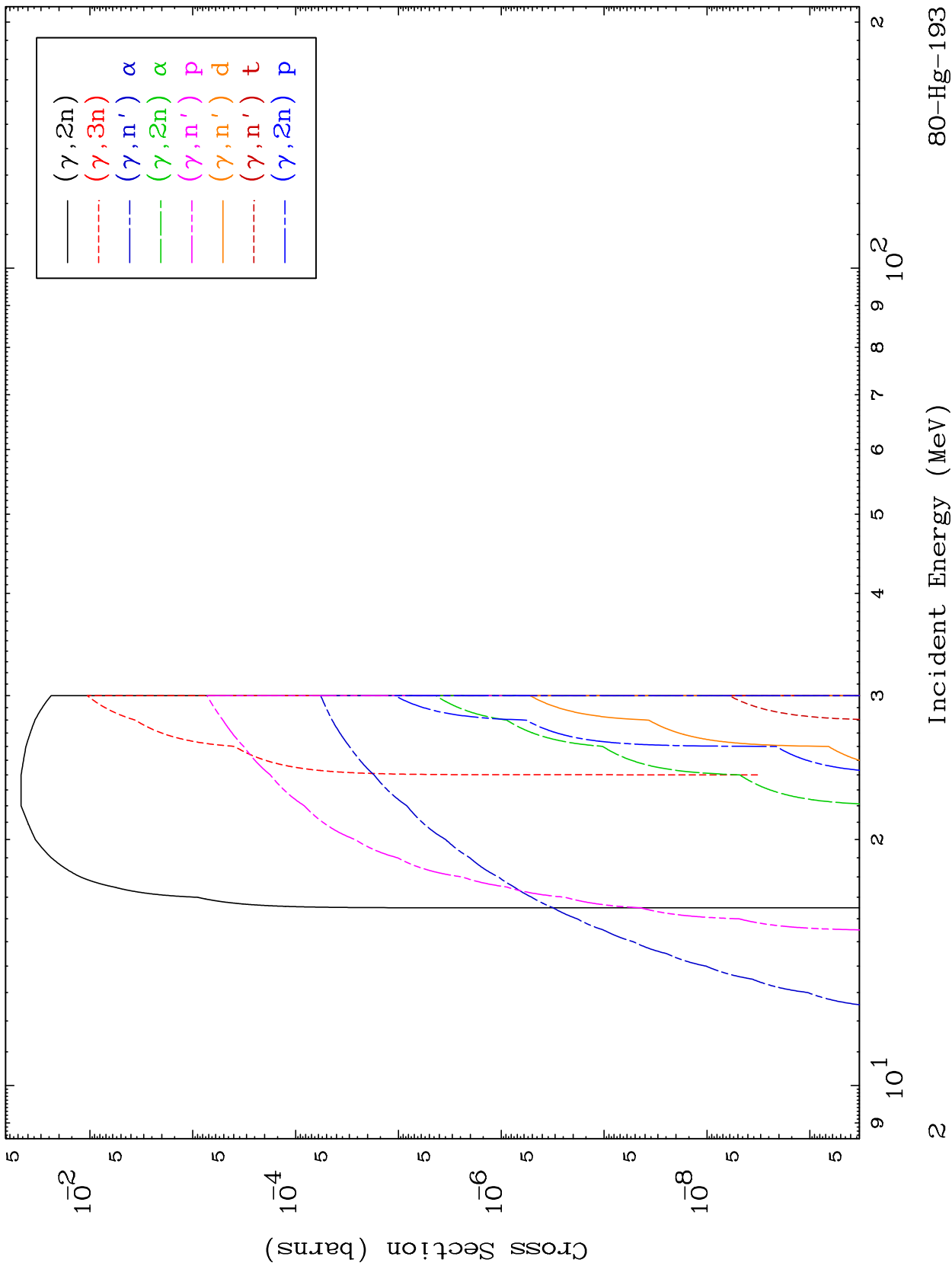
80-Hg-193



MAT 8017

Photon Neutron Production
0 Kelvin Cross Sections

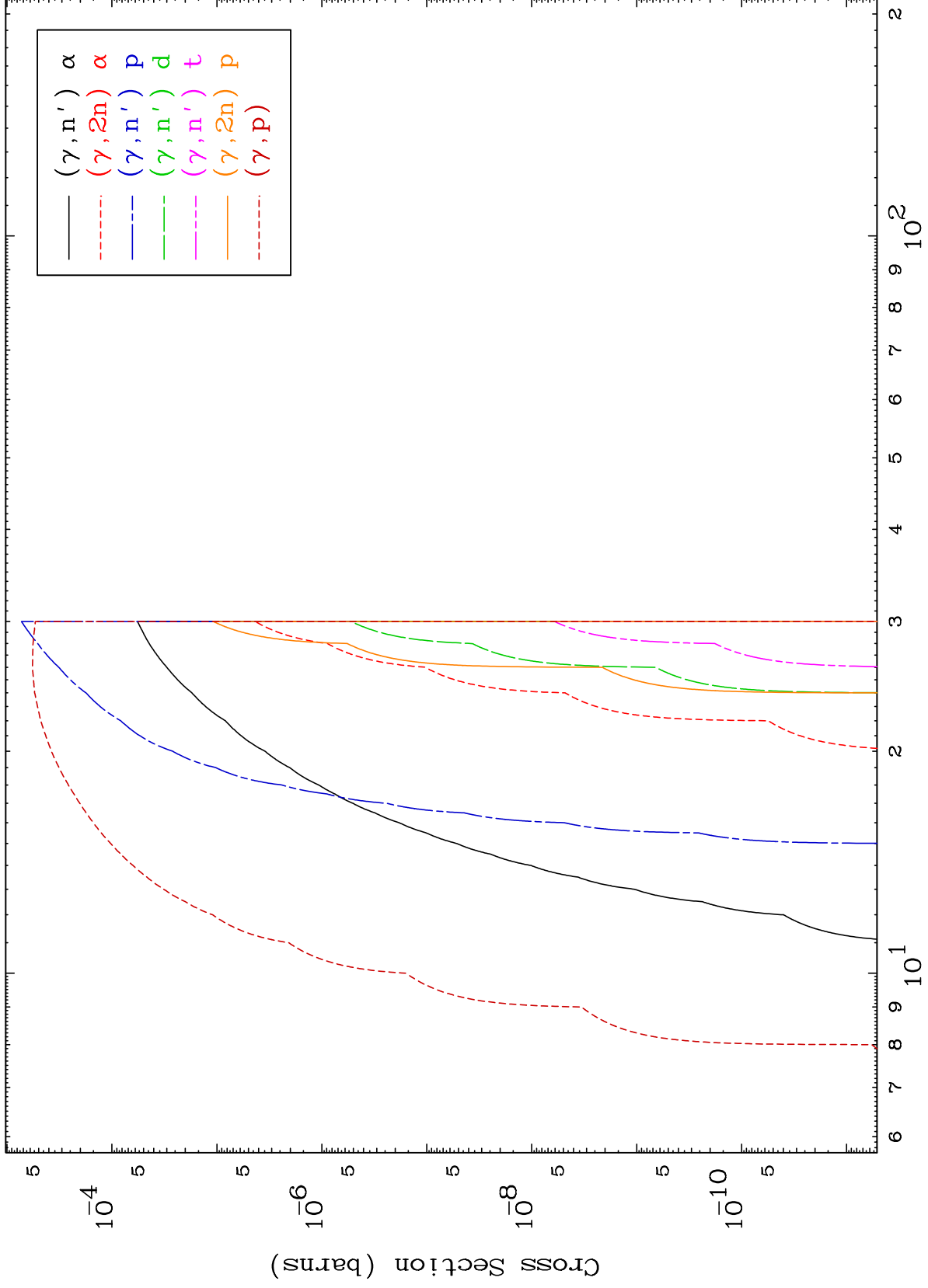
80-Hg-193



80-Hg-193

Incident Energy (MeV)

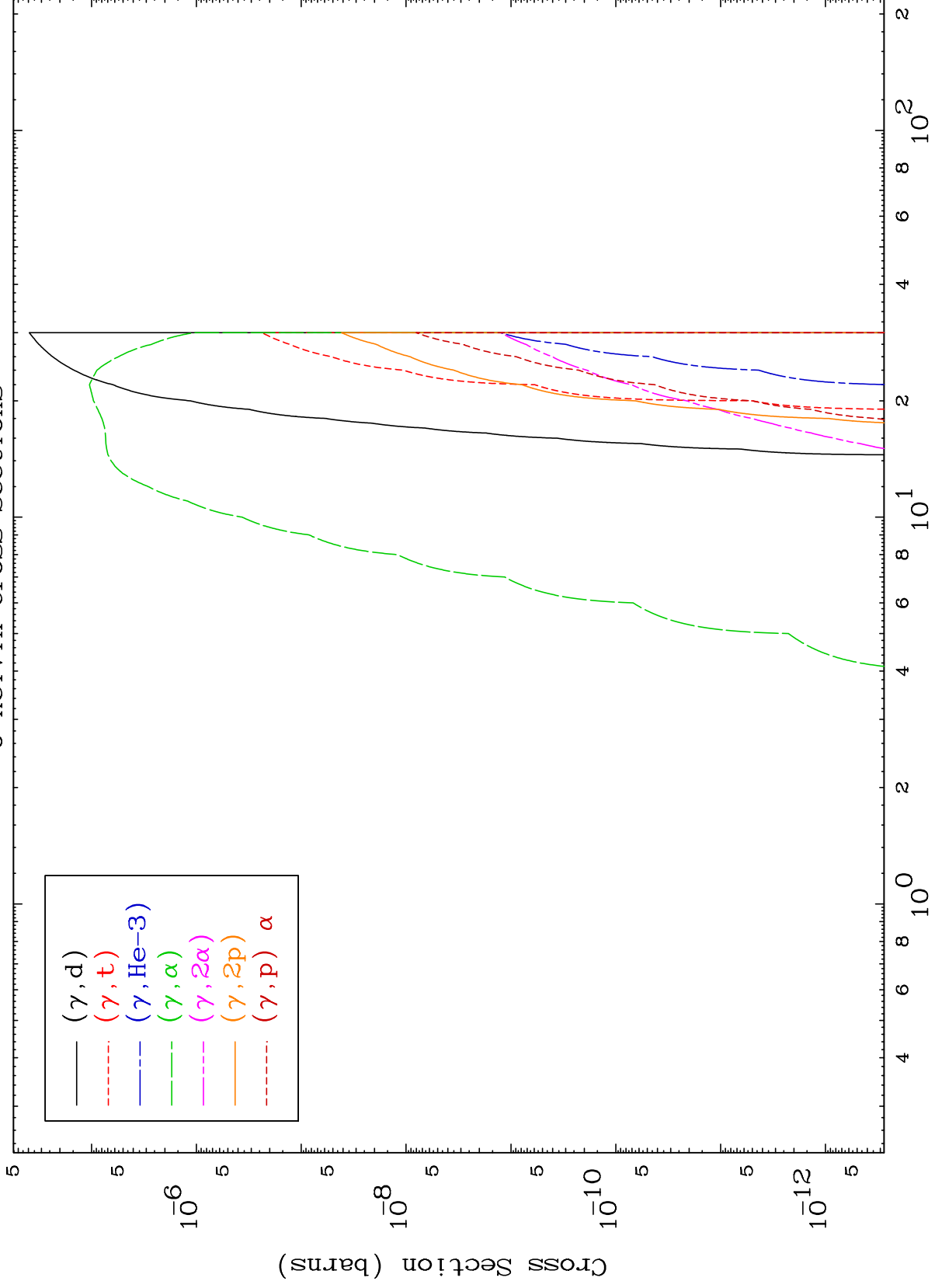
2



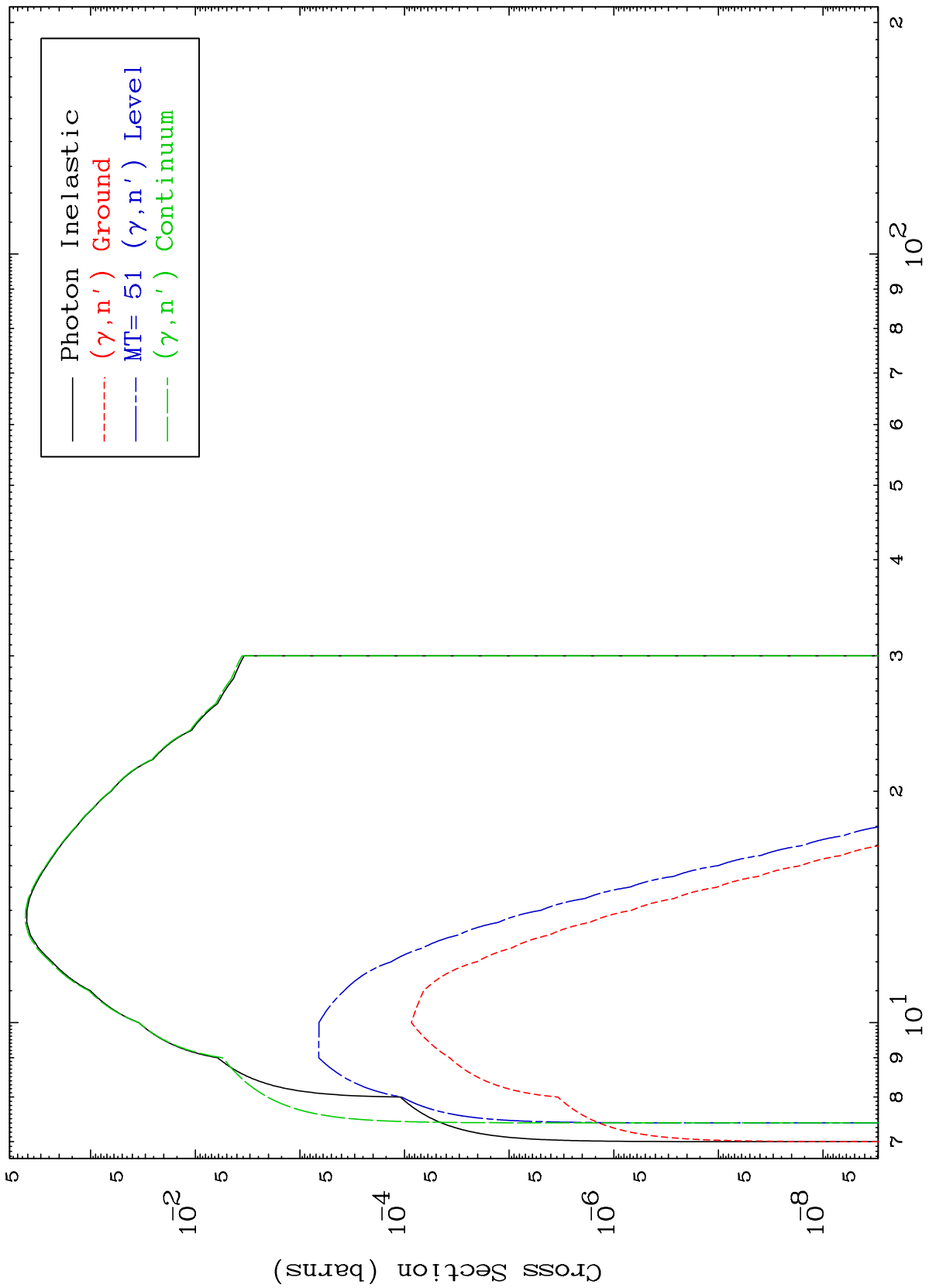
MAT 8017

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-193



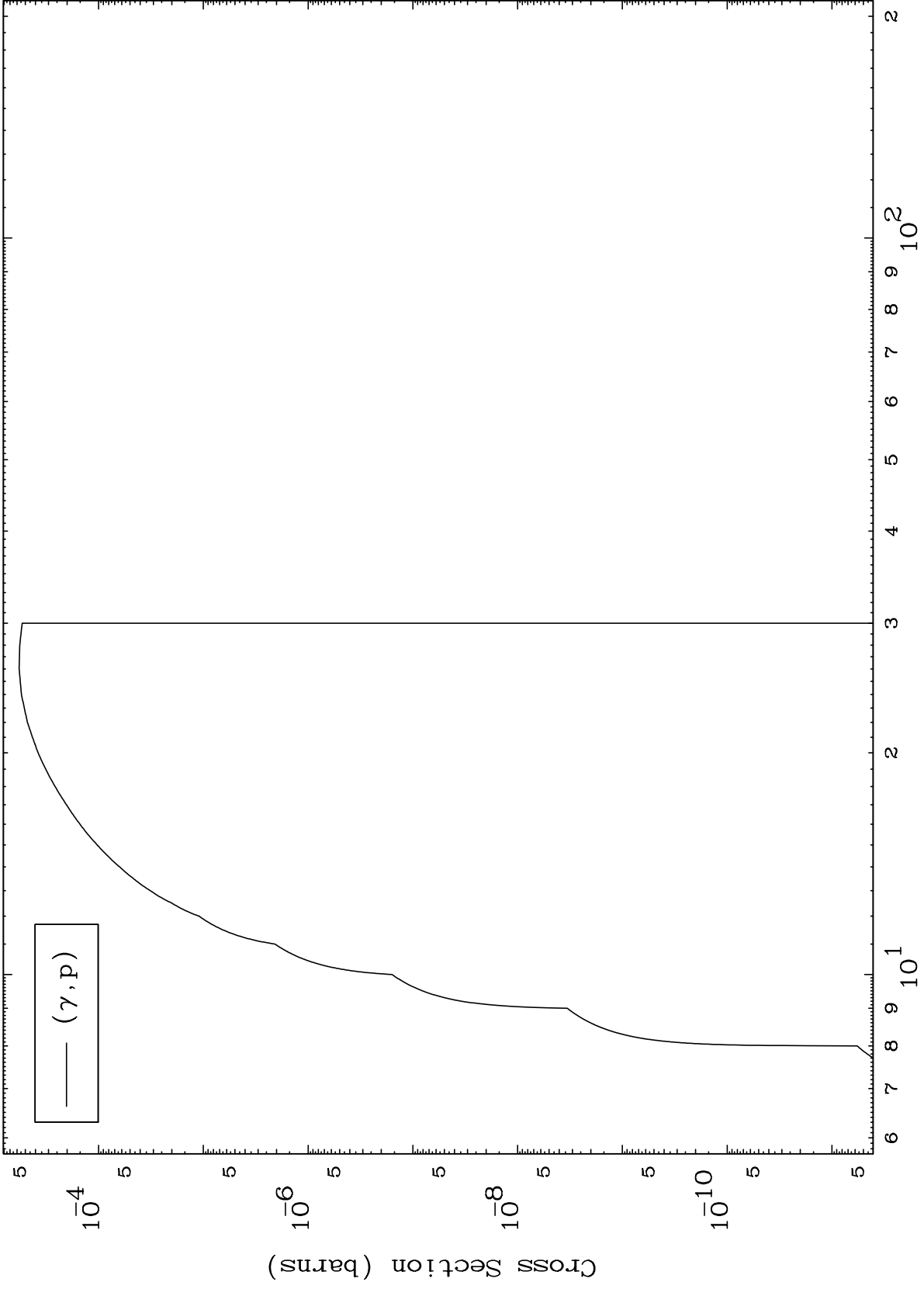
0 Kelvin Cross Sections



MAT 8017

(γ, p) Levels
0 Kelvin Cross Sections

80-Hg-193



6

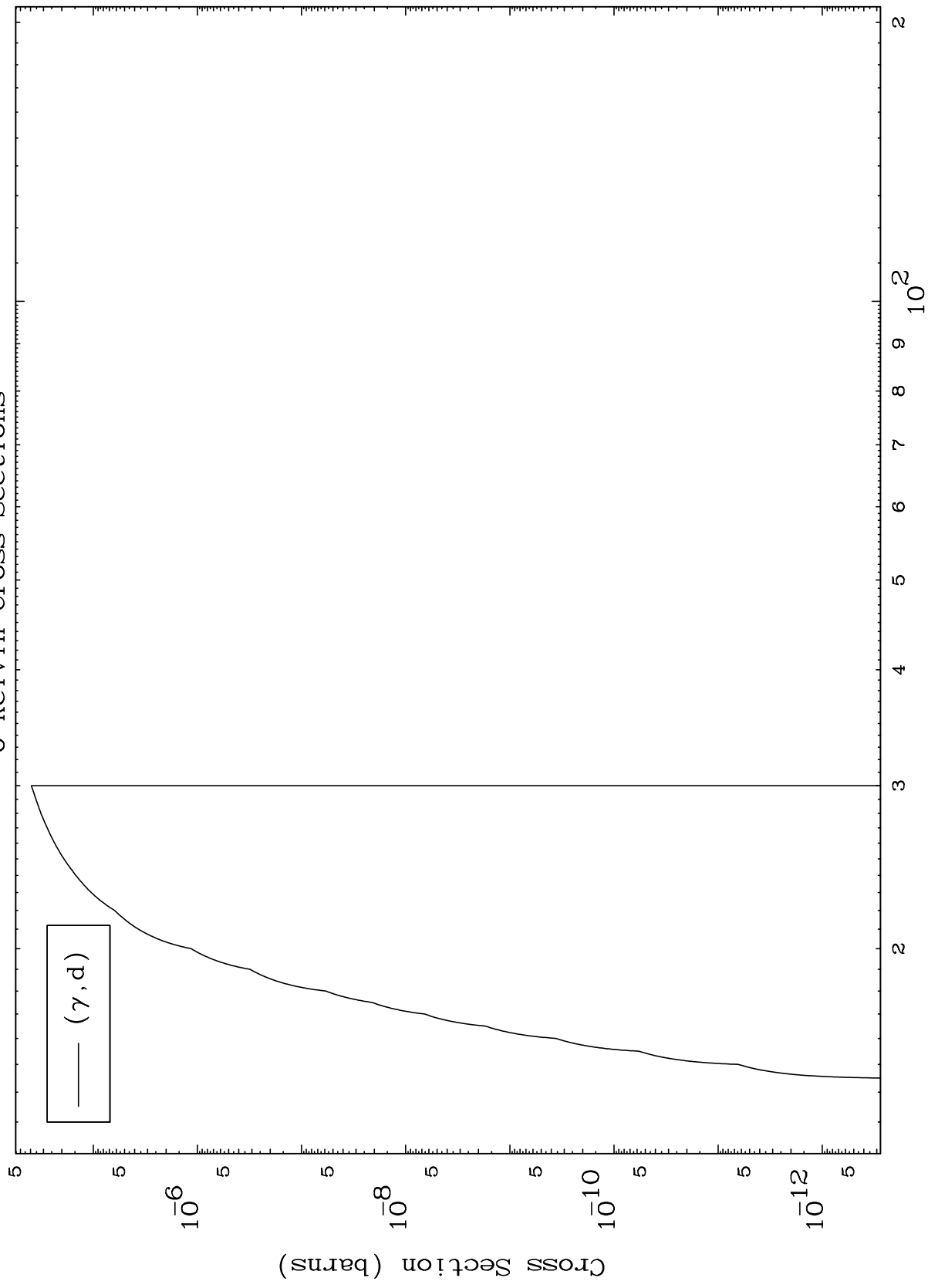
Incident Energy (MeV)

80-Hg-193

MAT 8017

80-Hg-193

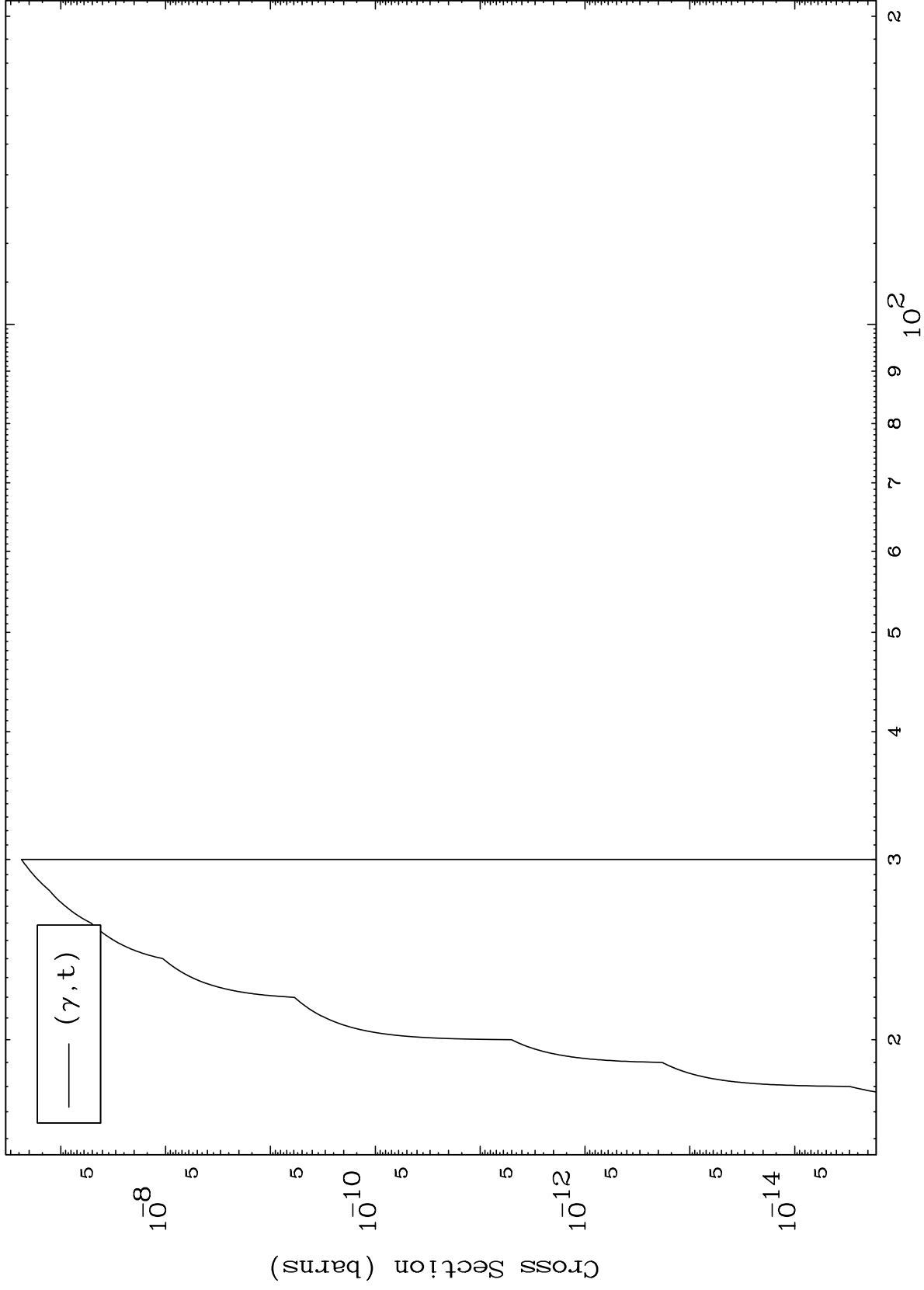
(γ, d) Levels
0 Kelvin Cross Sections

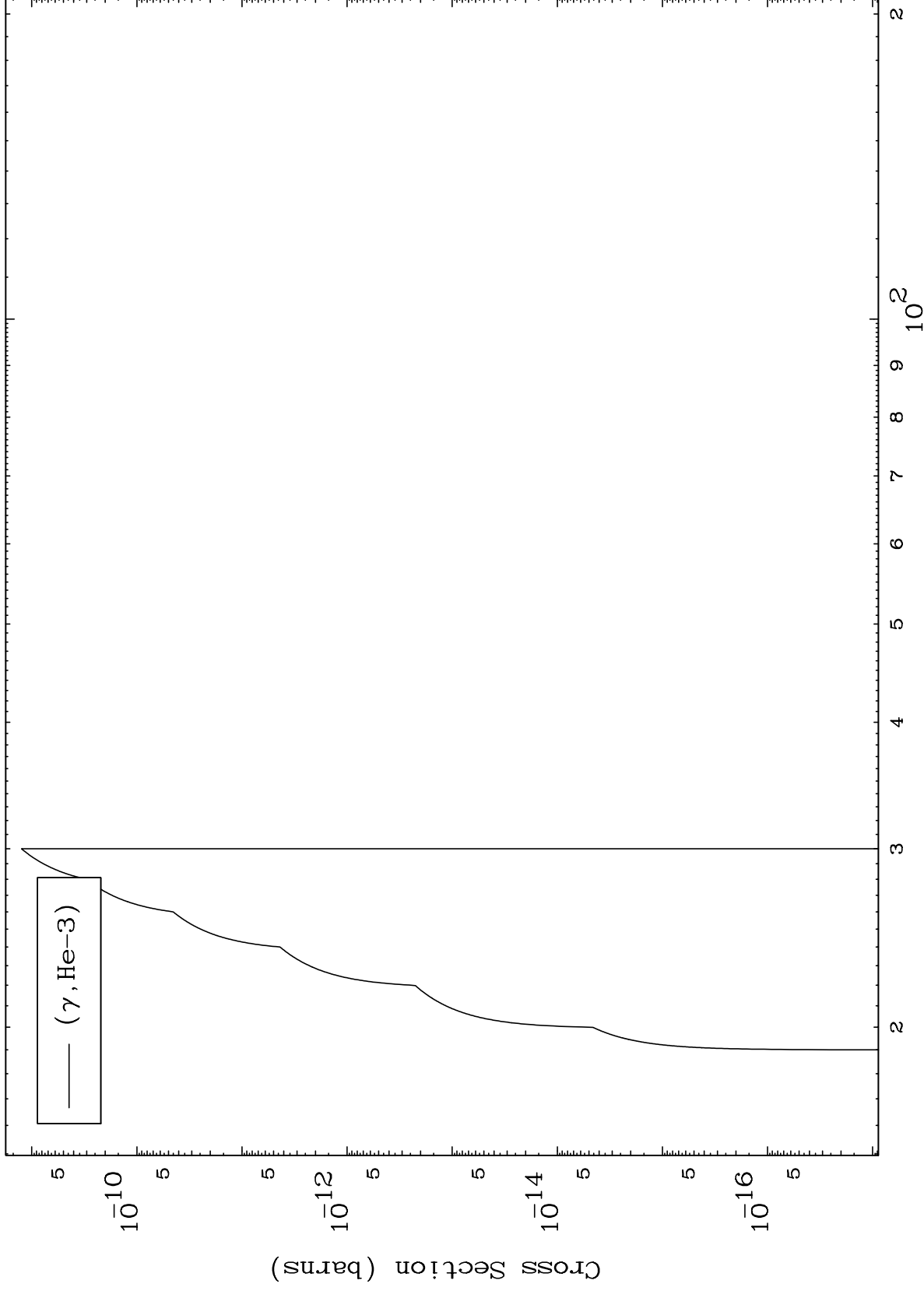


80-Hg-193

Incident Energy (MeV)

7



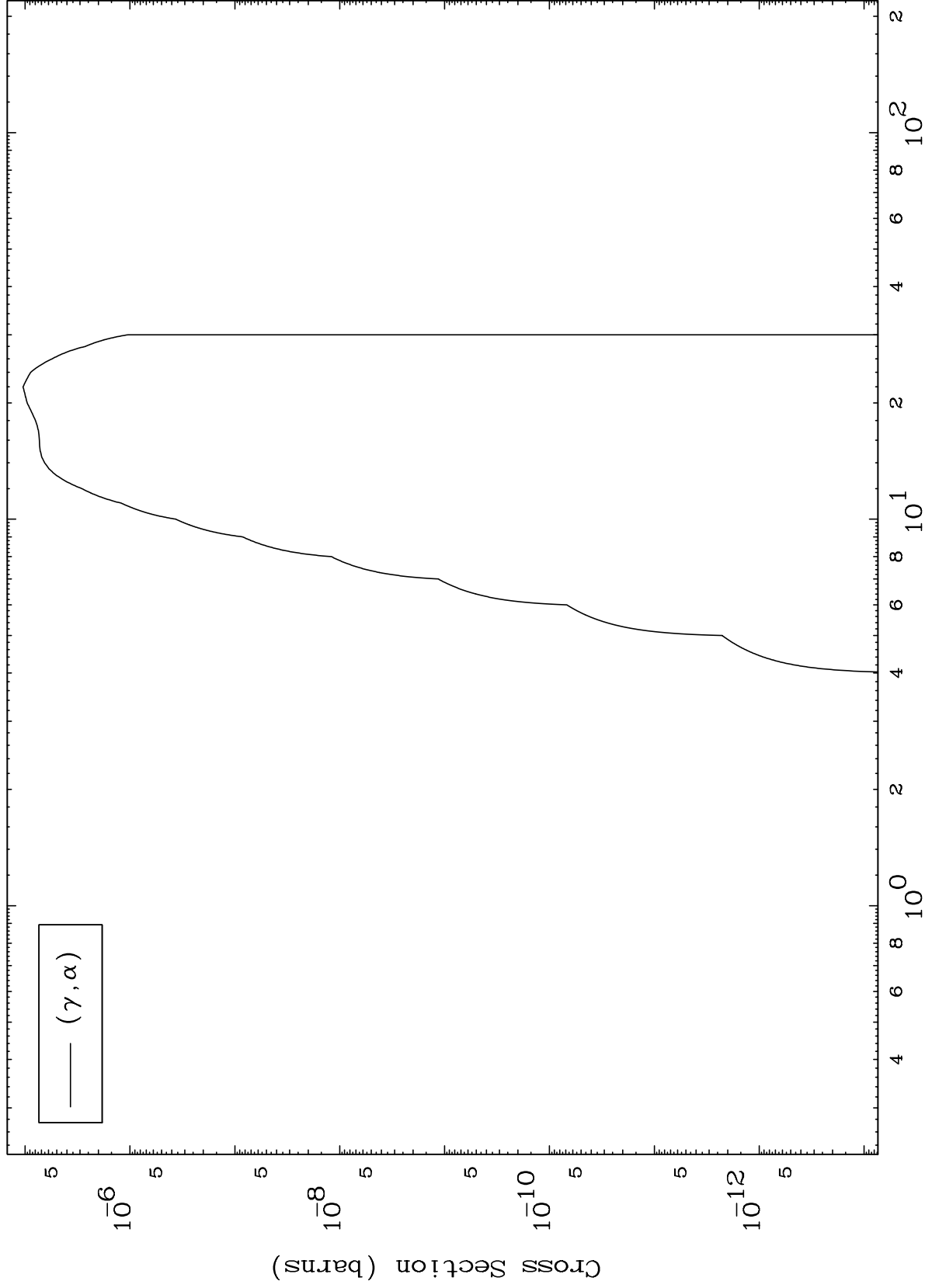


MAT 8017

(γ, α) Levels

80-Hg-193

0 Kelvin Cross Sections



10

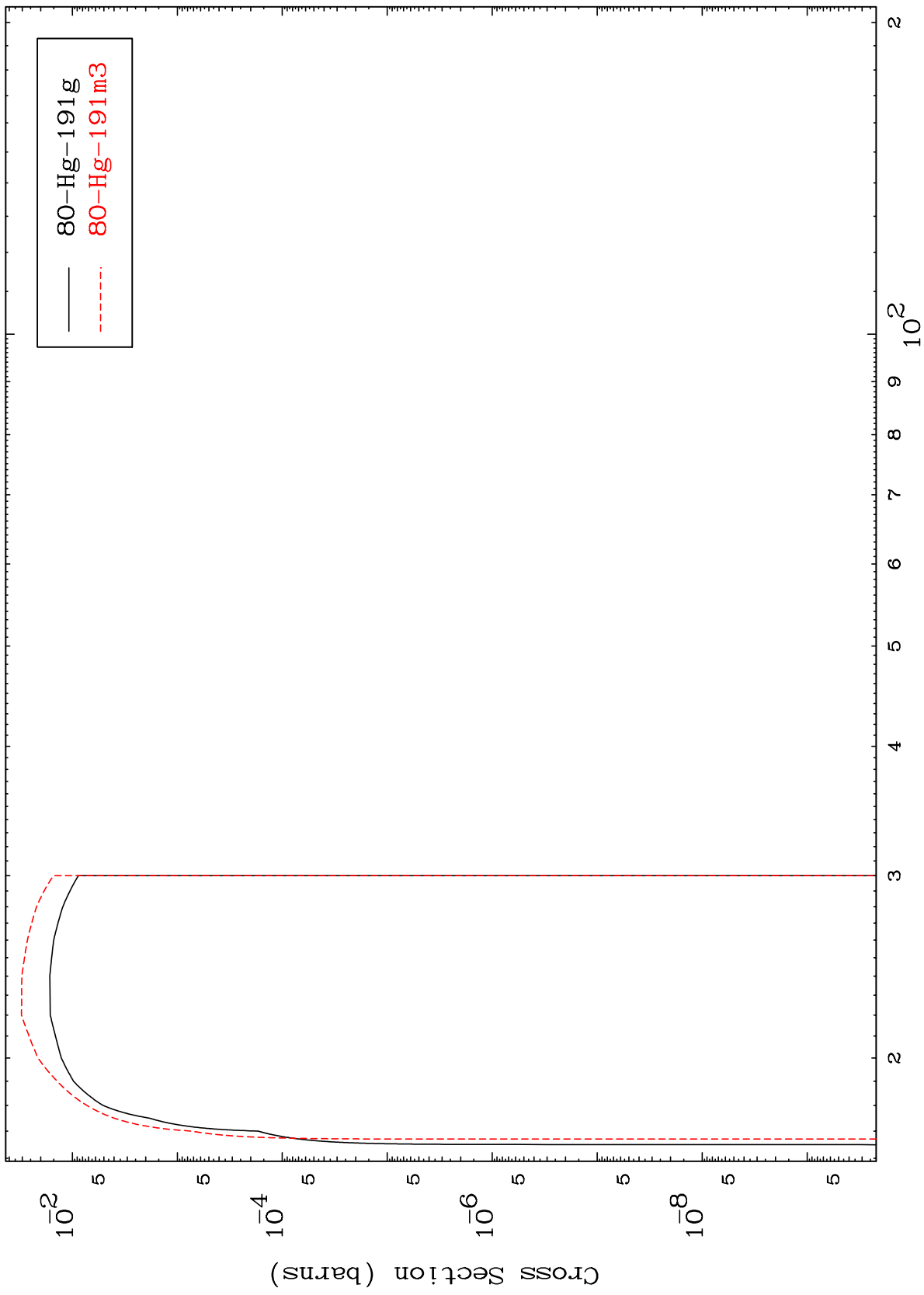
Incident Energy (MeV)

80-Hg-193

MAT 8017

80-Hg-193

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



11

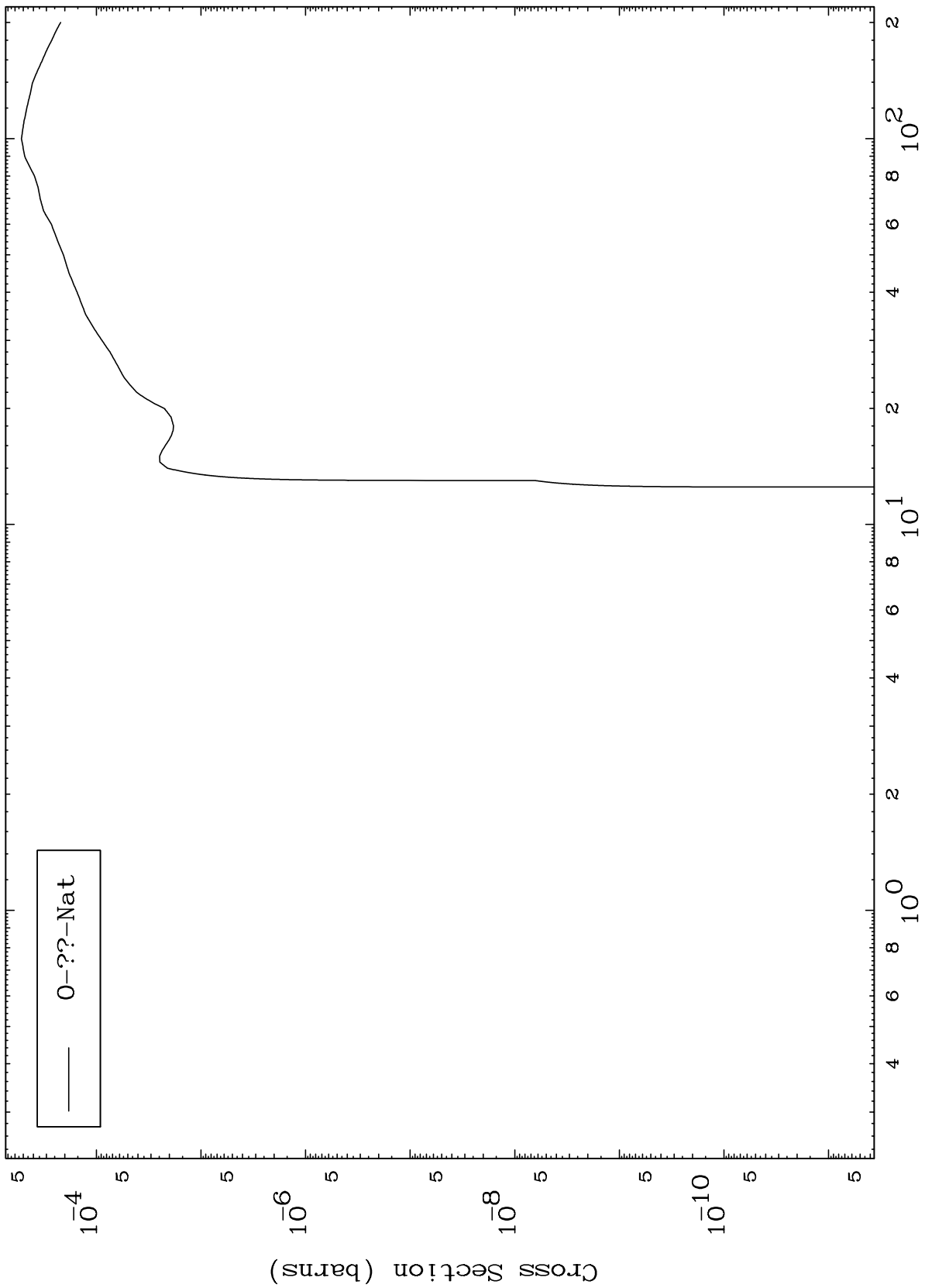
Incident Energy (MeV)

80-Hg-193

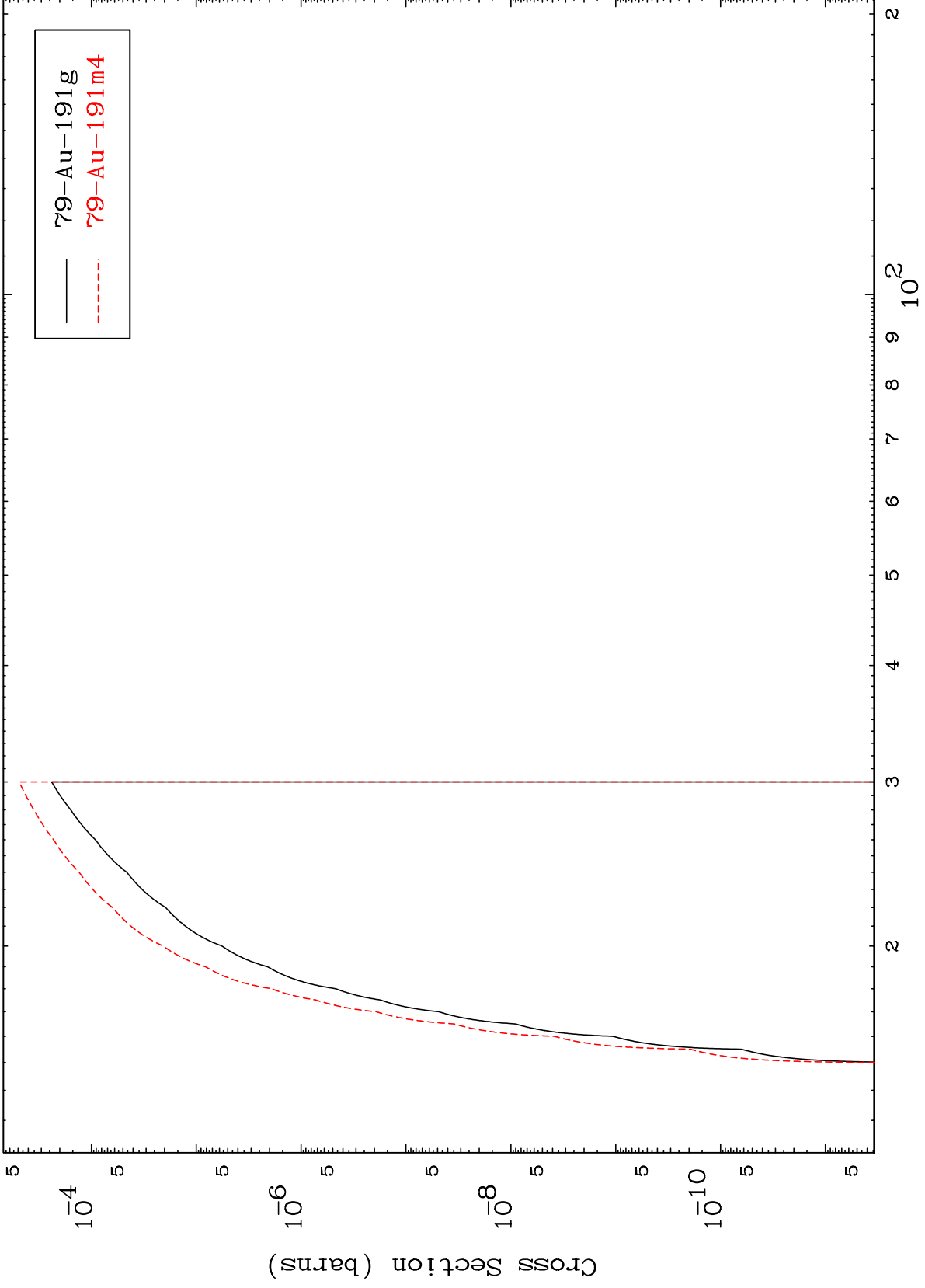
MAT 8017

80-Hg-193

Photon Fission
Radionuclide Production Cross Section



Radionuclide Production Cross Section

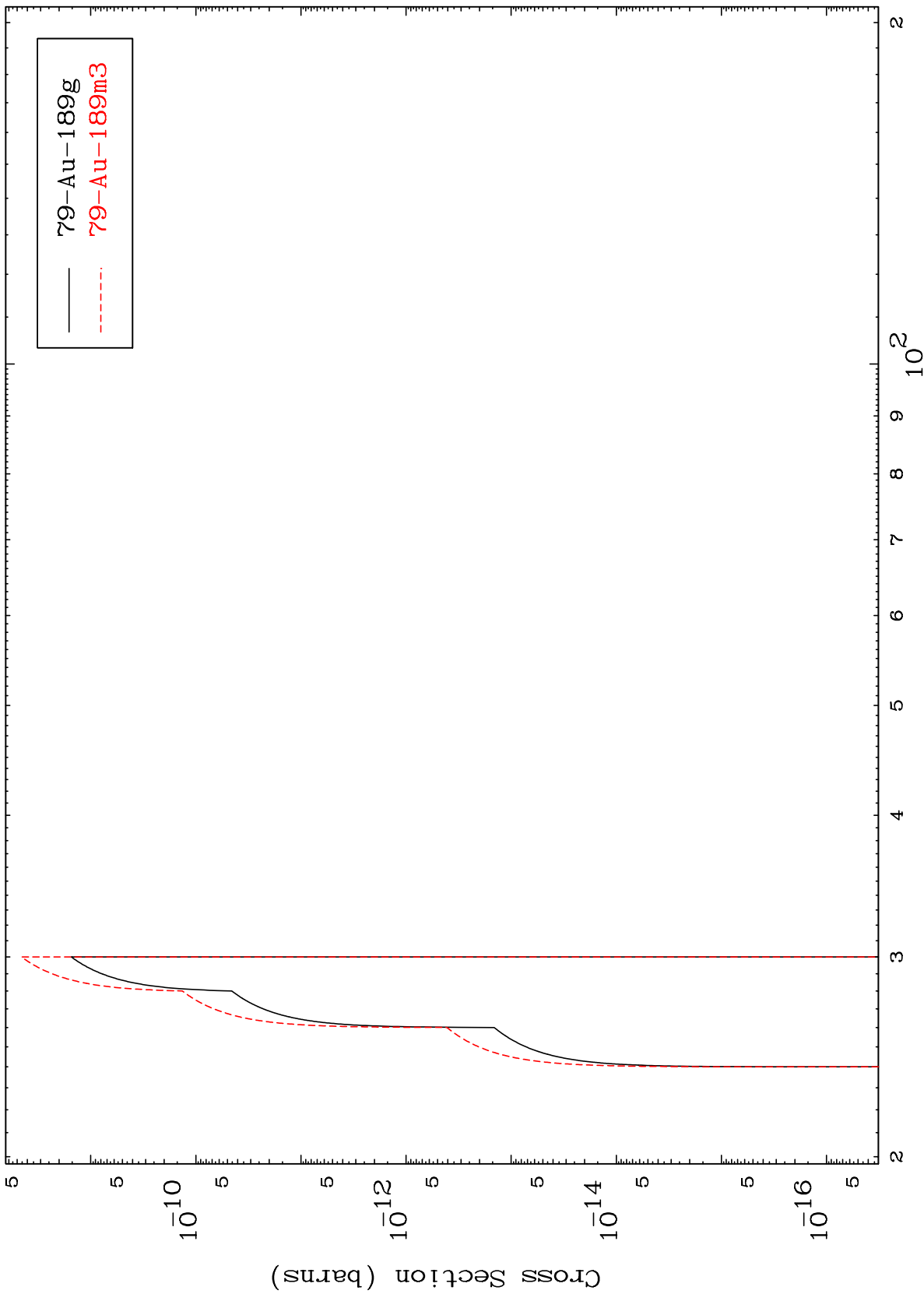


MAT 8017

(γ, n') t

80-Hg-193

Radionuclide Production Cross Section



14

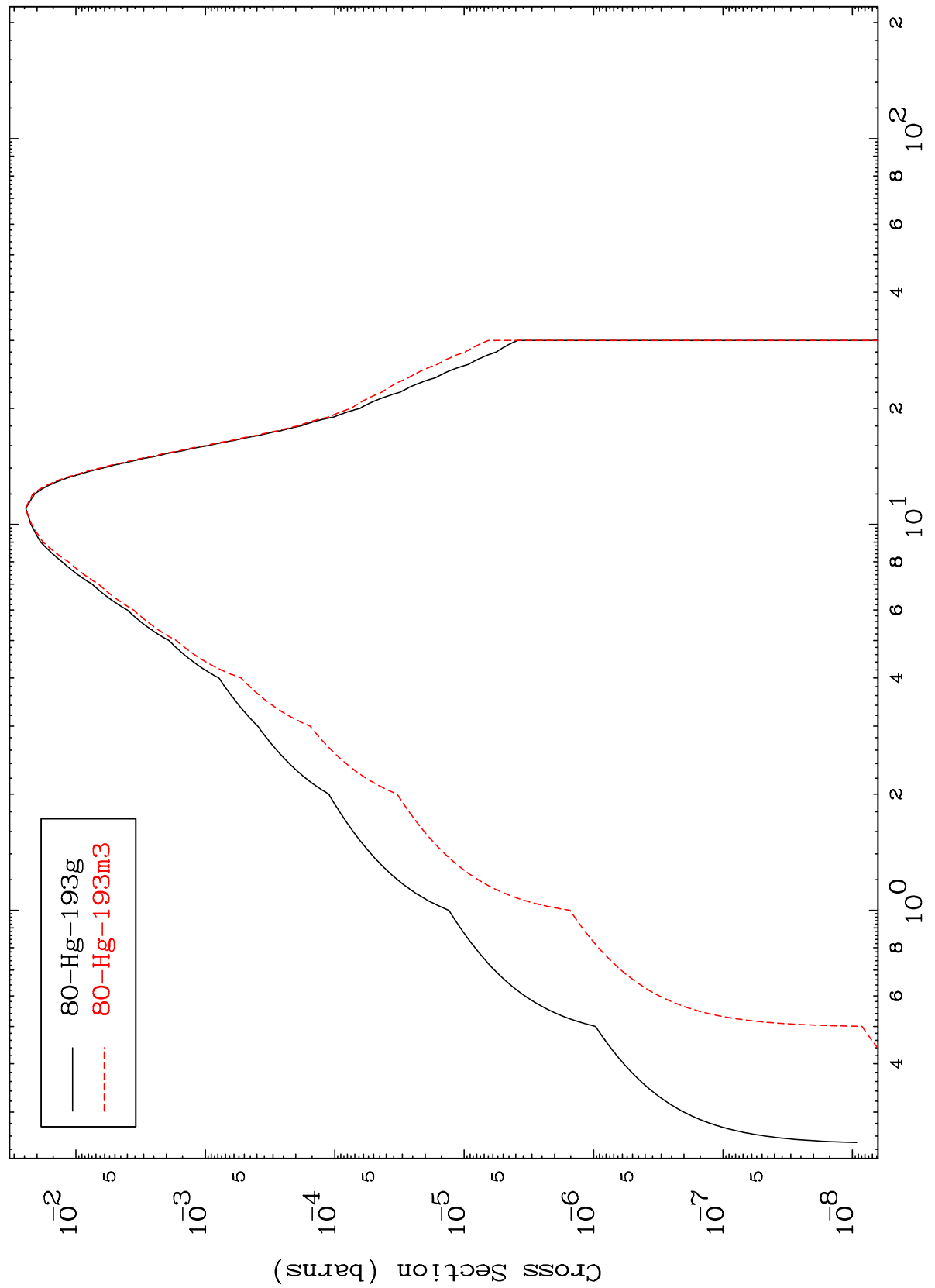
Incident Energy (MeV)

80-Hg-193

MAT 8017

80-Hg-193

Radionuclide Production Cross Section
(γ, γ)



80-Hg-193g
80-Hg-193m3

15

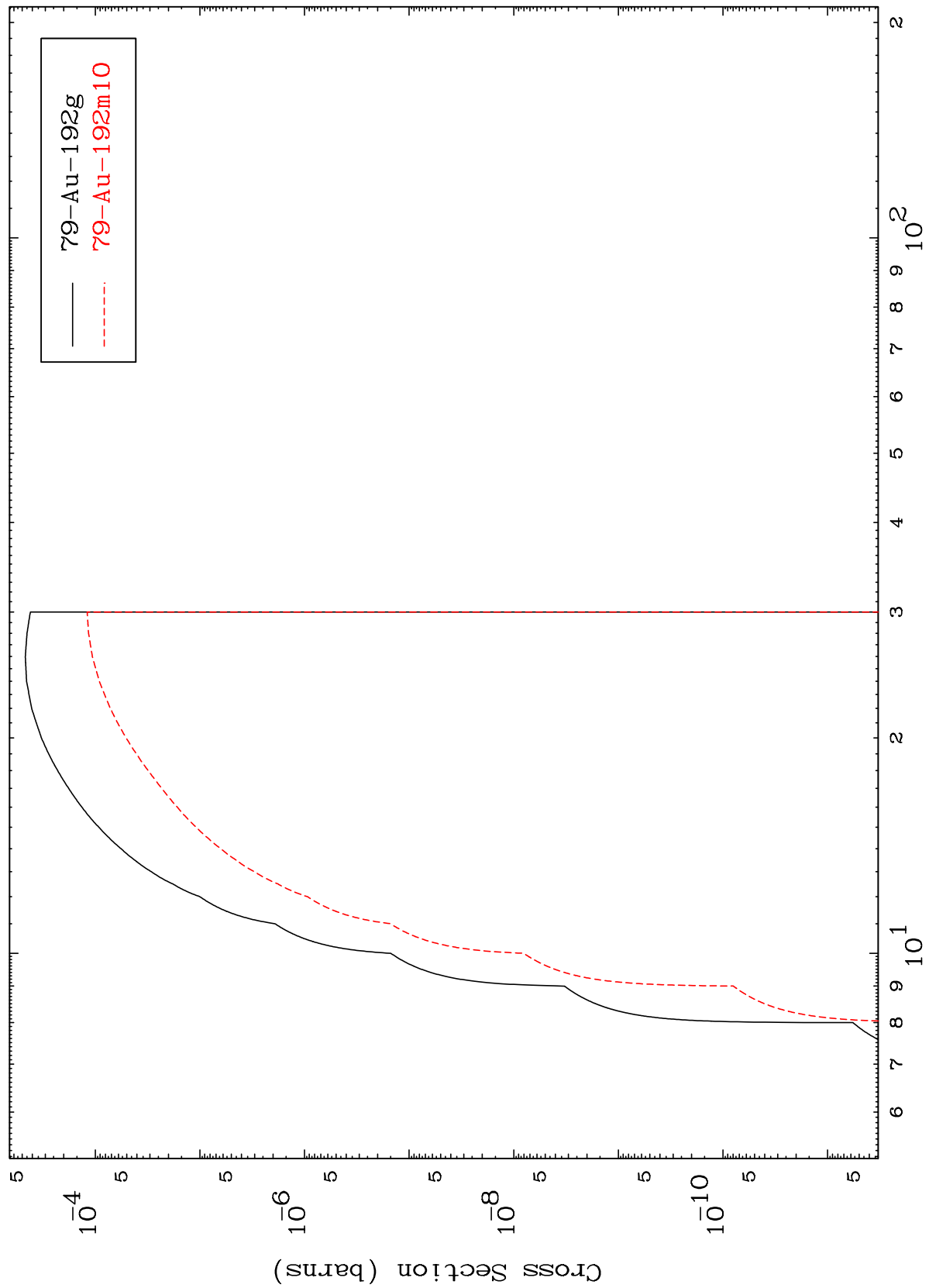
80-Hg-193

Incident Energy (MeV)

MAT 8017

80-Hg-193

(γ, p)
Radionuclide Production Cross Section



80-Hg-193

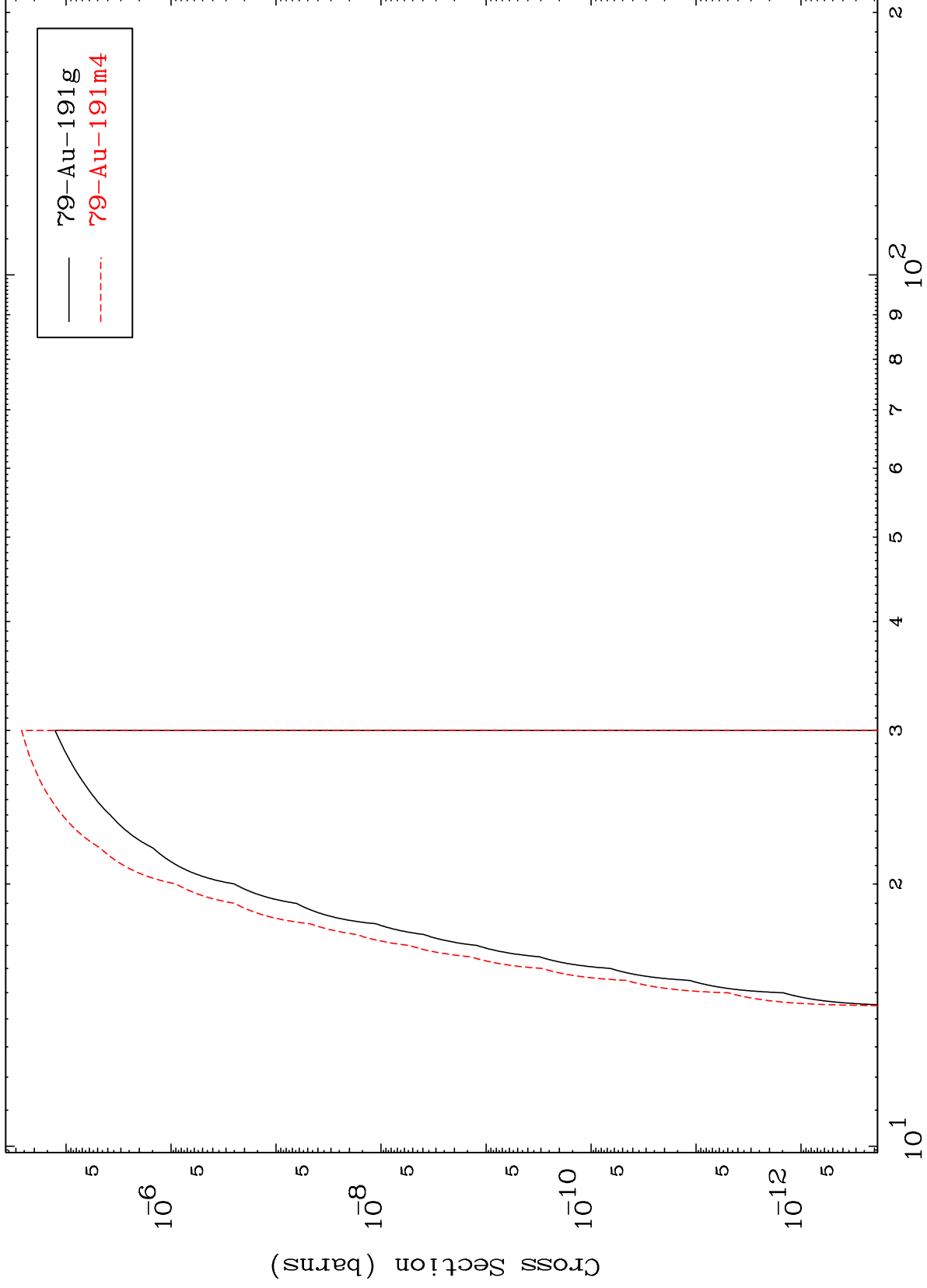
Incident Energy (MeV)

16

MAT 8017

80-Hg-193

(γ, d)
Radionuclide Production Cross Section



80-Hg-193

Incident Energy (MeV)

17