

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

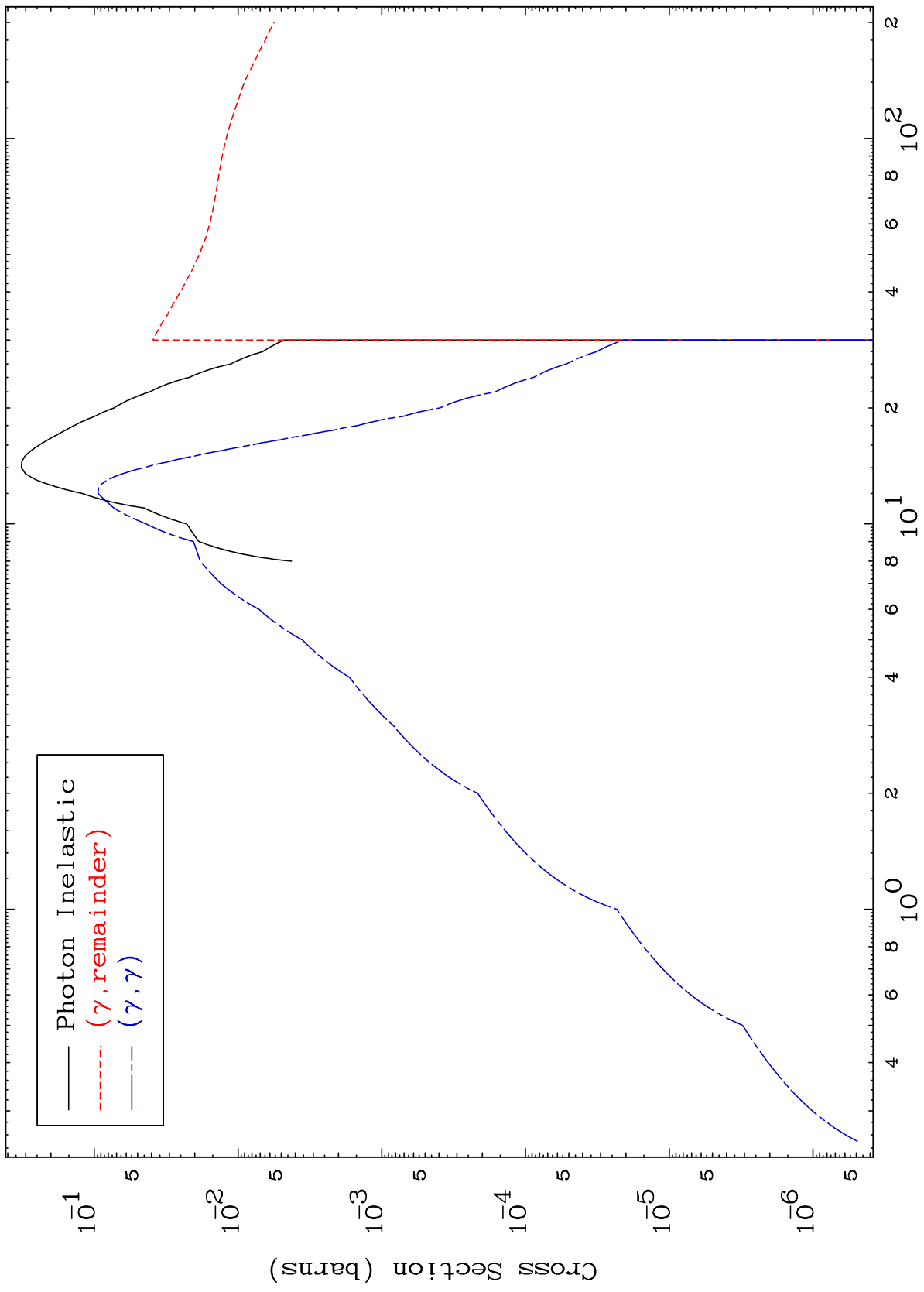
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

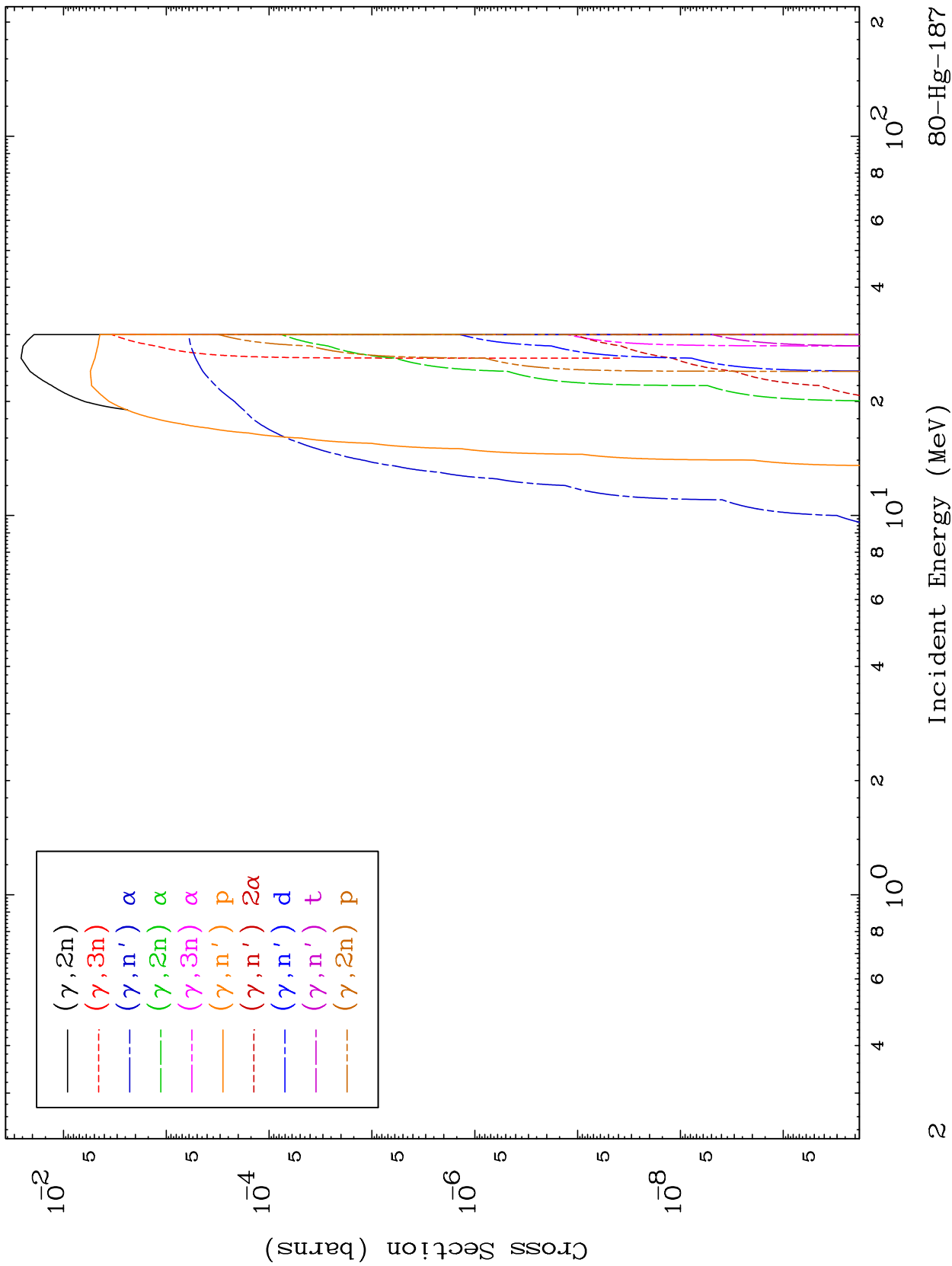
Press Mouse Button to Start



MAT 7998

Photon Neutron Production
0 Kelvin Cross Sections

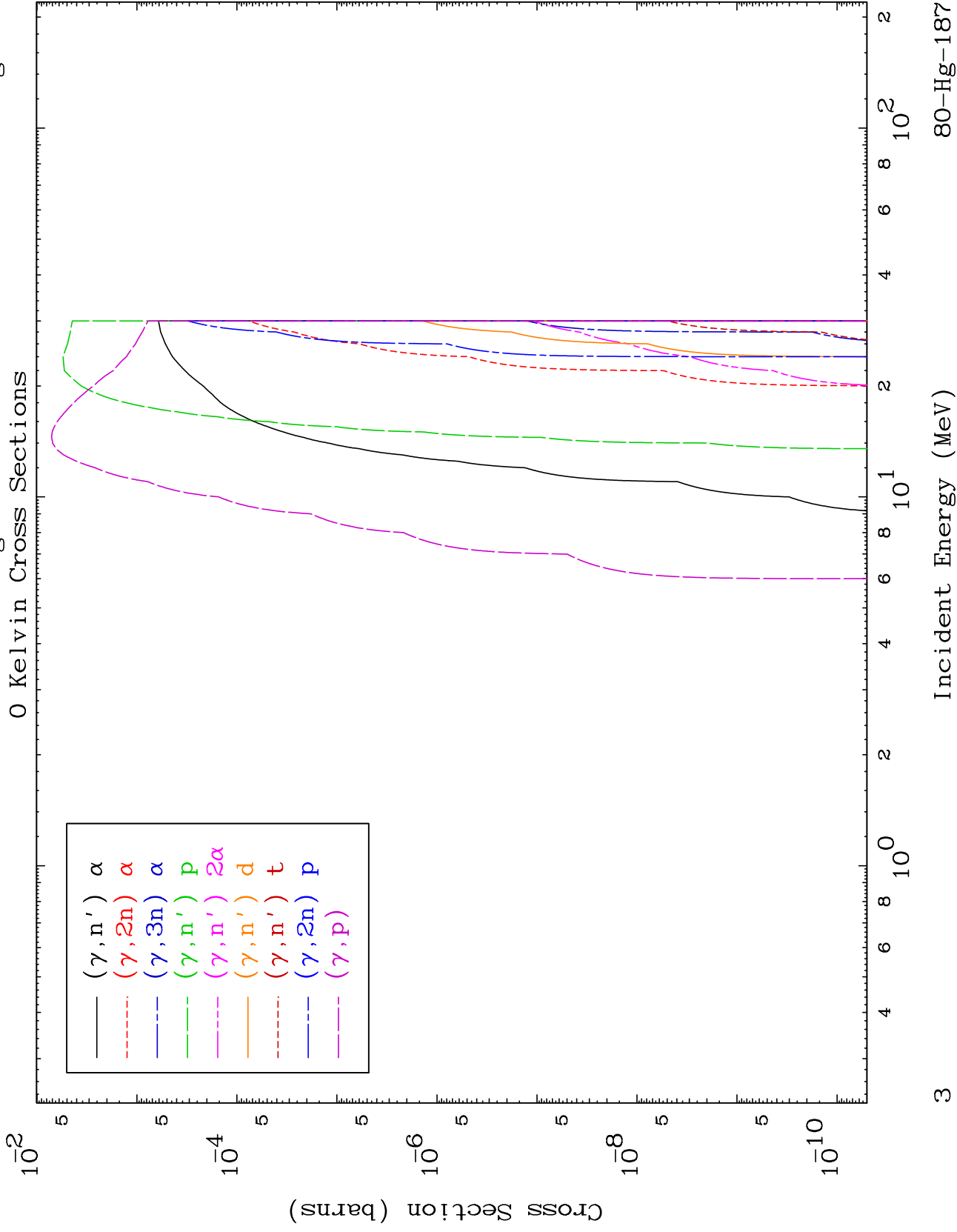
80-Hg-187



MAT 7998

Photon Charged Particle
0 Kelvin Cross Sections

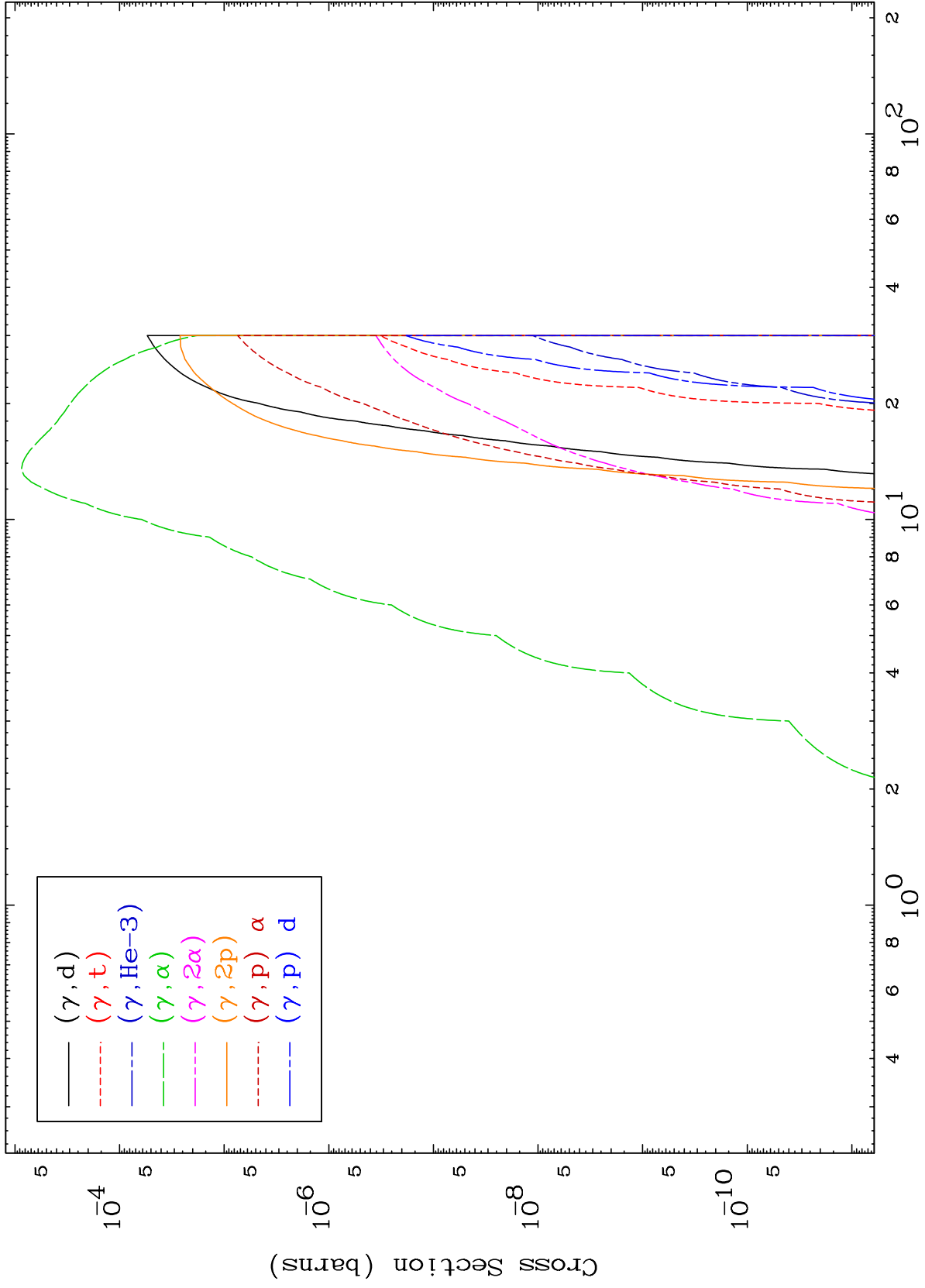
80-Hg-187



MAT 7998

Photon Charged Particle
0 Kelvin Cross Sections

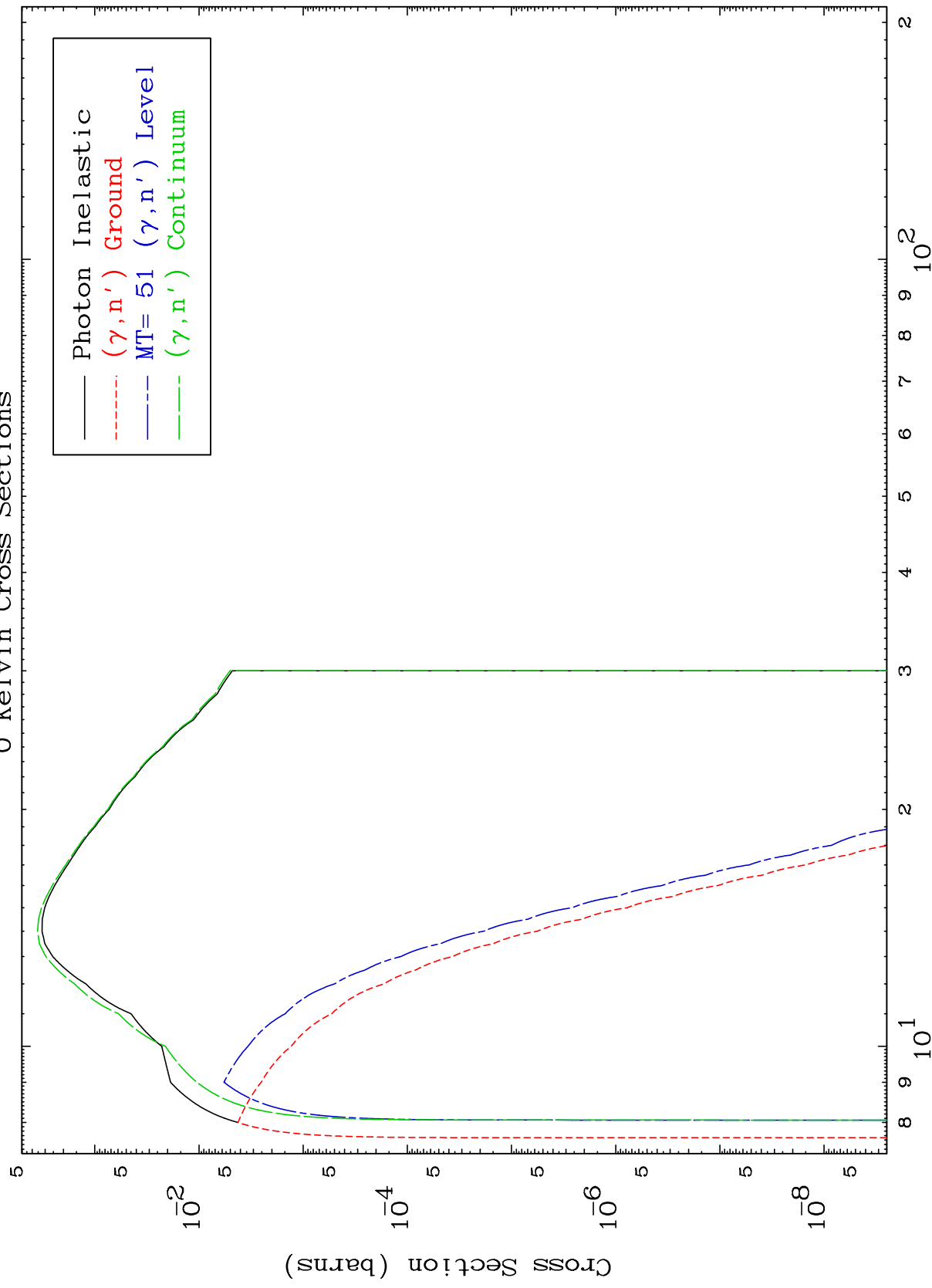
80-Hg-187



MAT 7998

80-Hg-187

(γ, n') Level
0 Kelvin Cross Sections



80-Hg-187

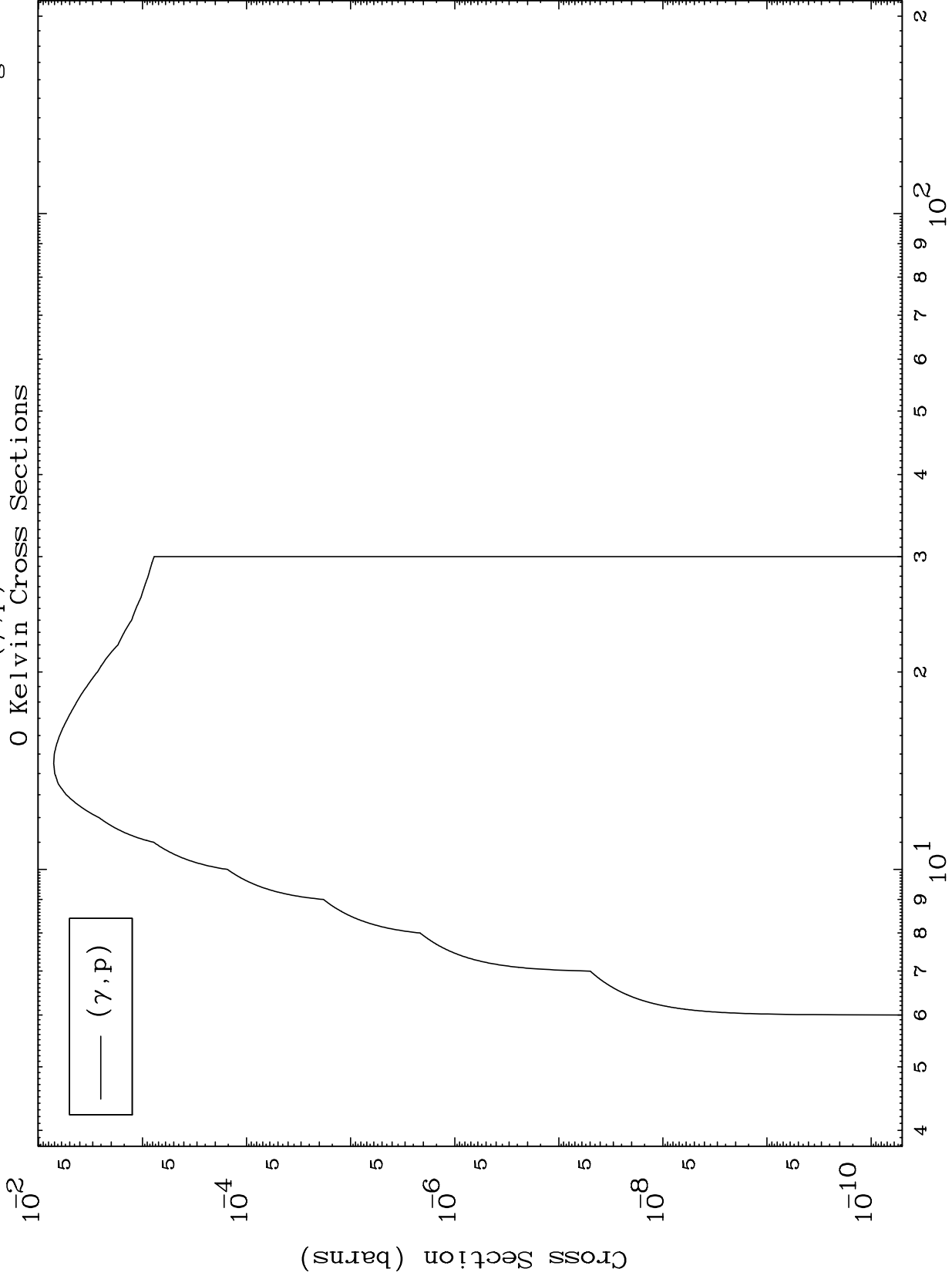
Incident Energy (MeV)

5

MAT 7998

(γ, p) Levels

80-Hg-187



6

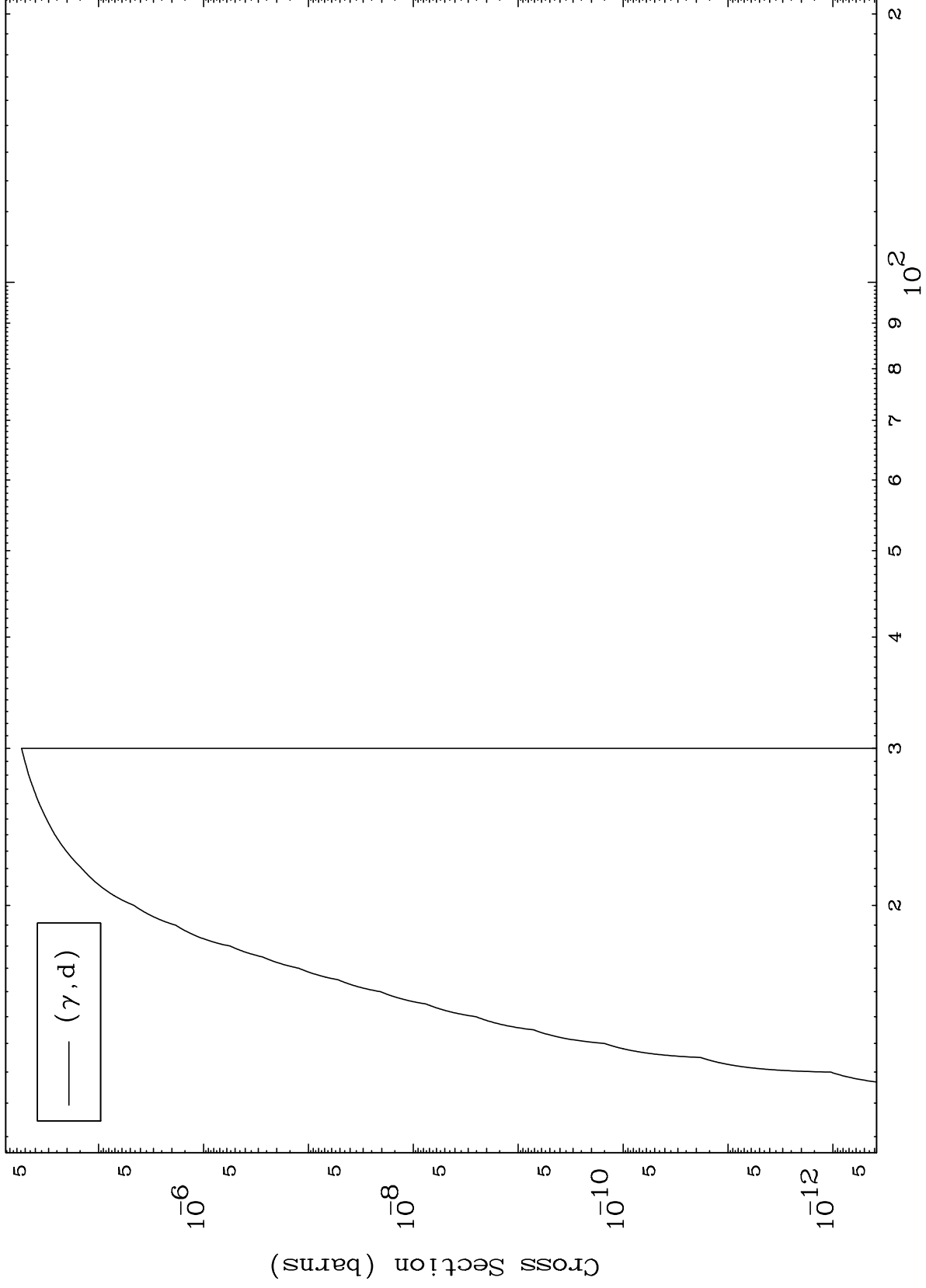
Incident Energy (MeV)

80-Hg-187

MAT 7998

(γ, d) Levels
0 Kelvin Cross Sections

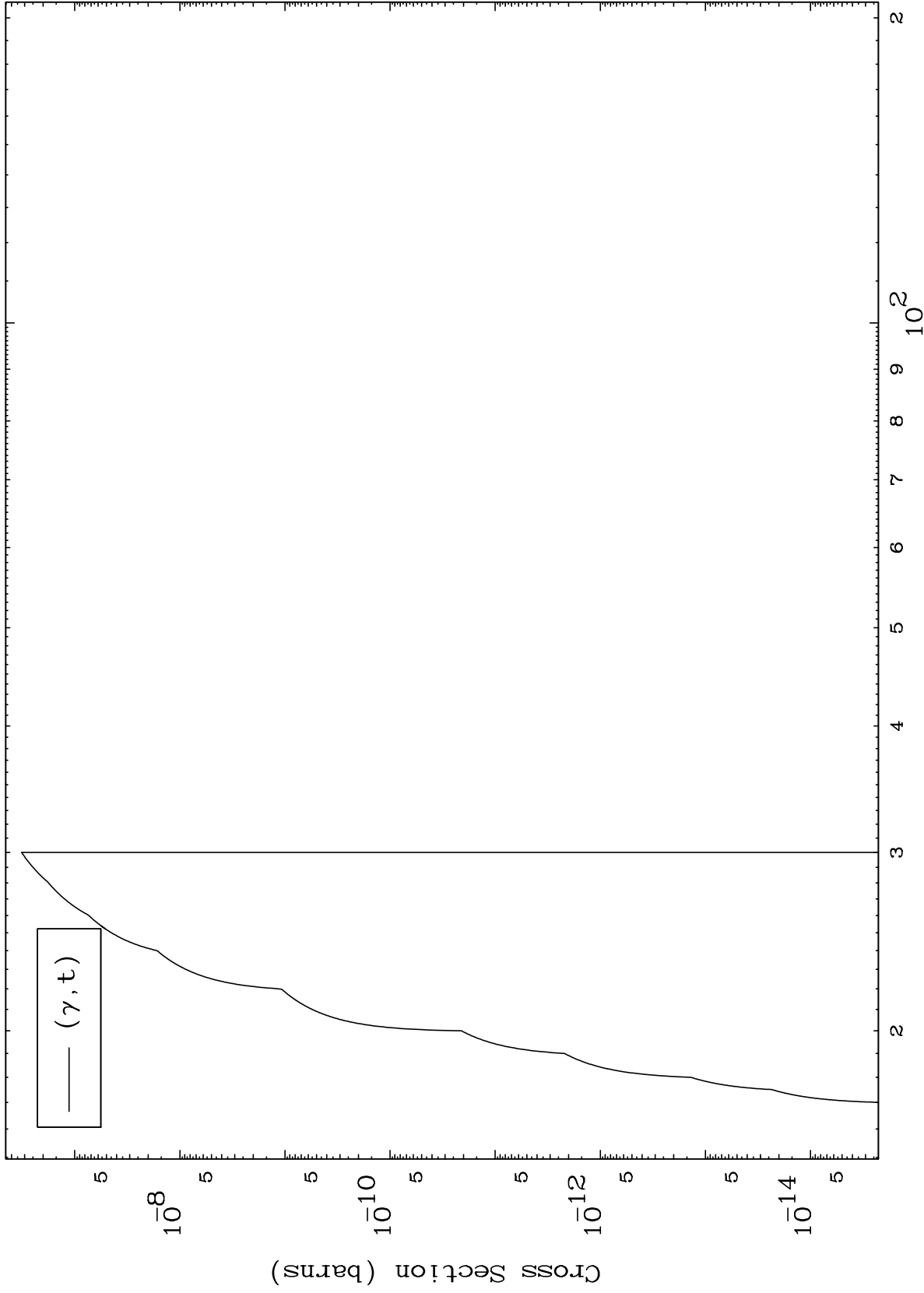
80-Hg-187



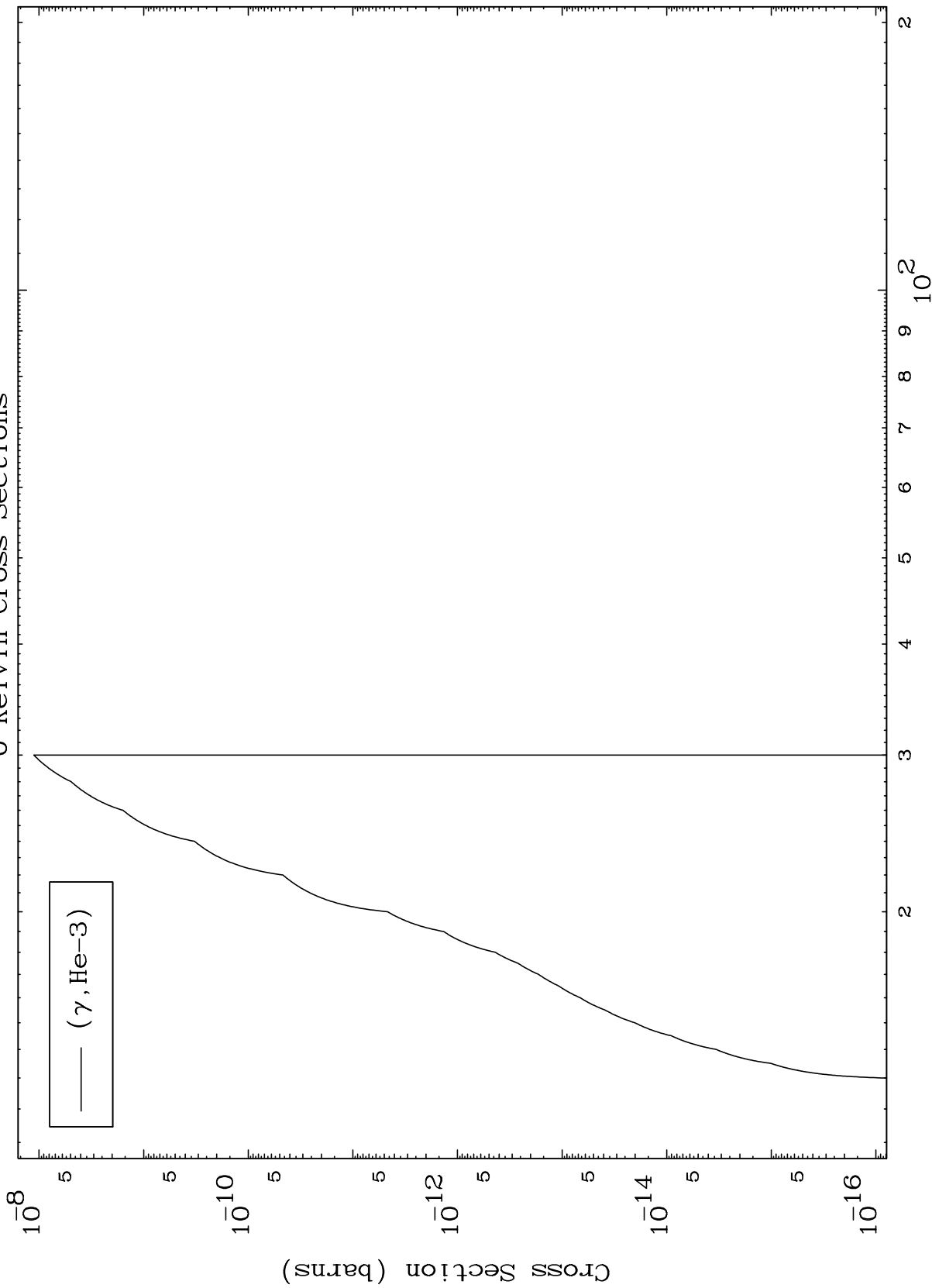
7

Incident Energy (MeV)

80-Hg-187



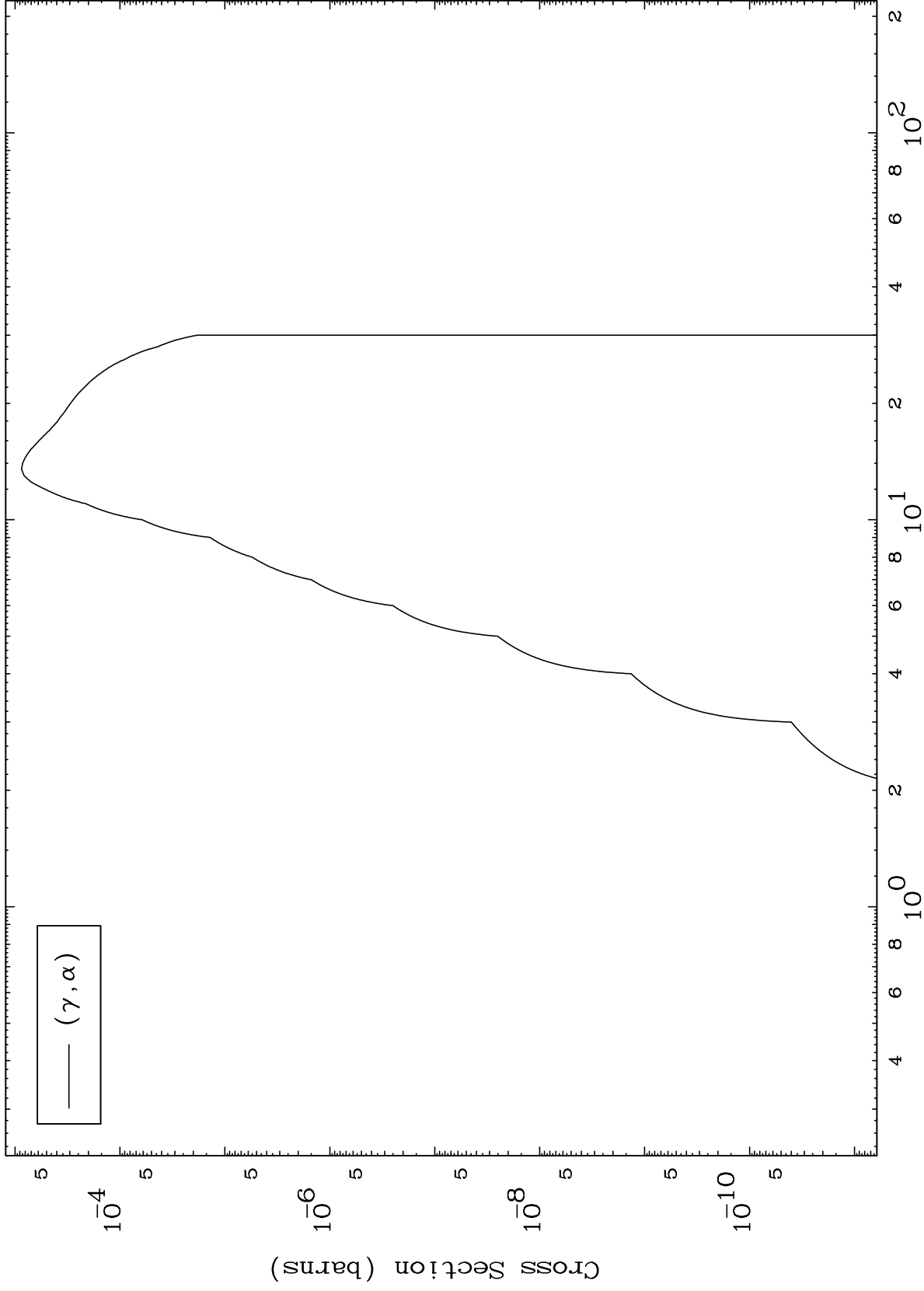
($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections



MAT 7998

(γ, α) Levels
0 Kelvin Cross Sections

80-Hg-187



10

Incident Energy (MeV)

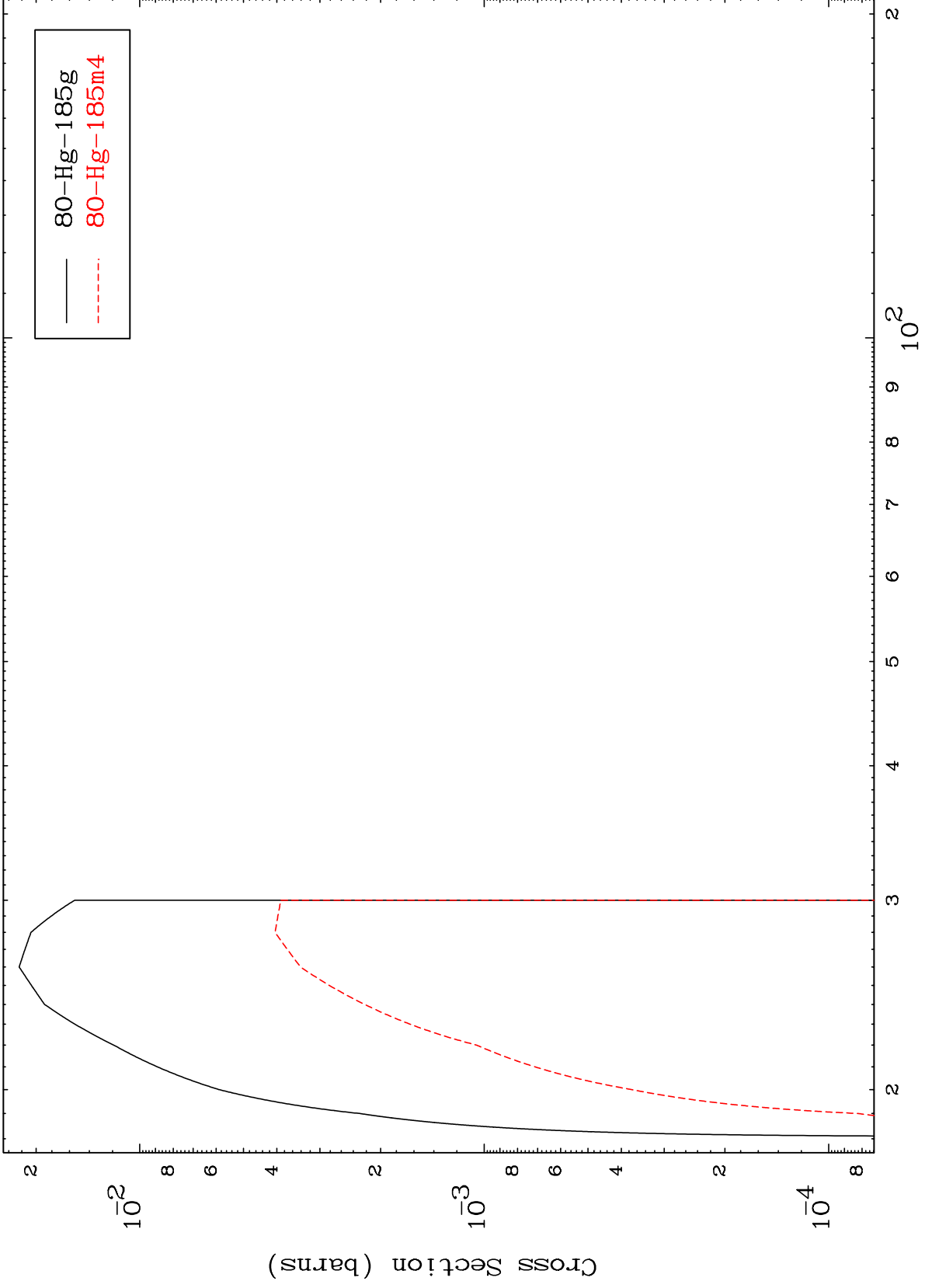
80-Hg-187

MAT 7998

($\gamma, 2n$)

80-Hg-187

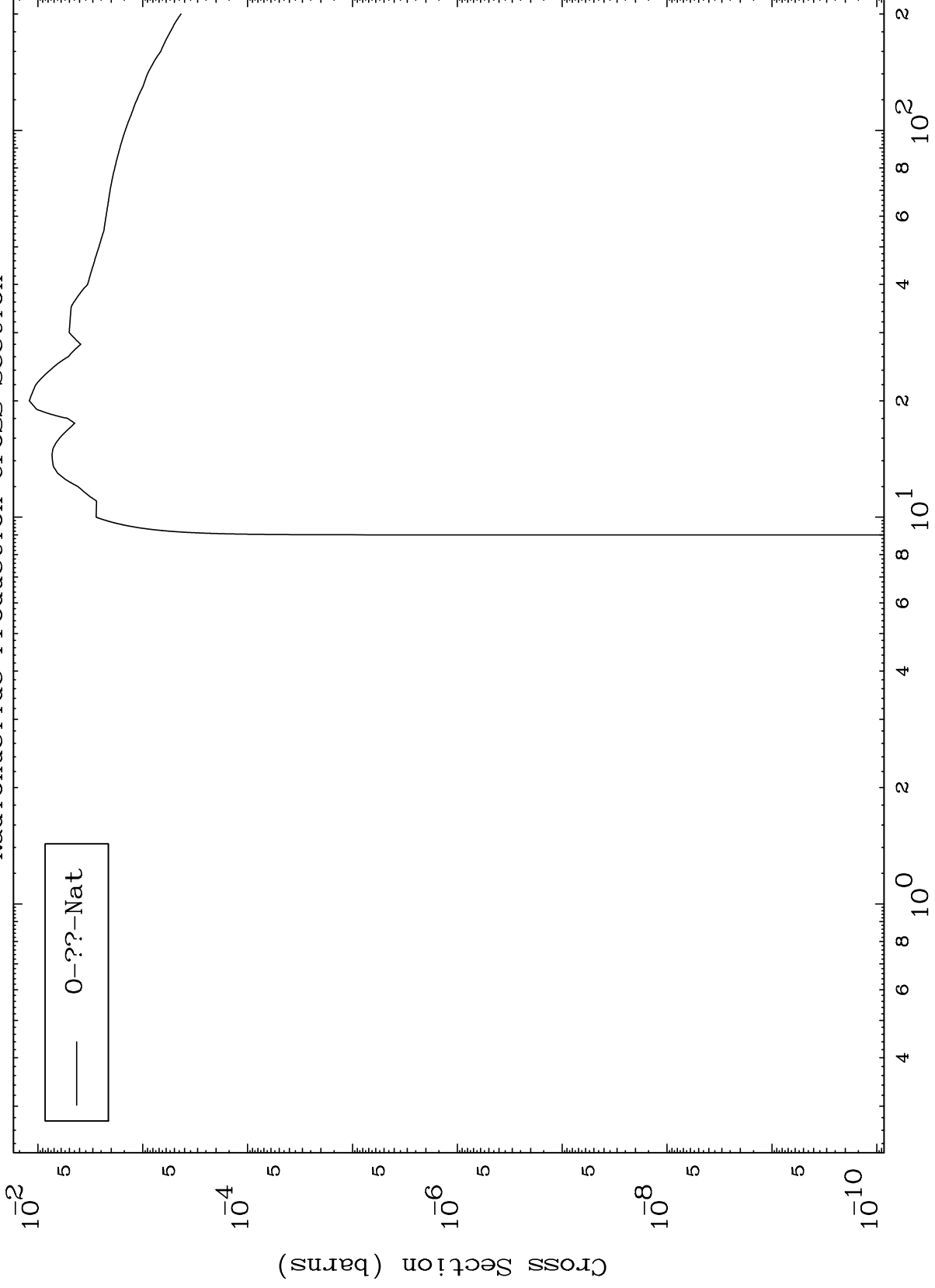
Radionuclide Production Cross Section



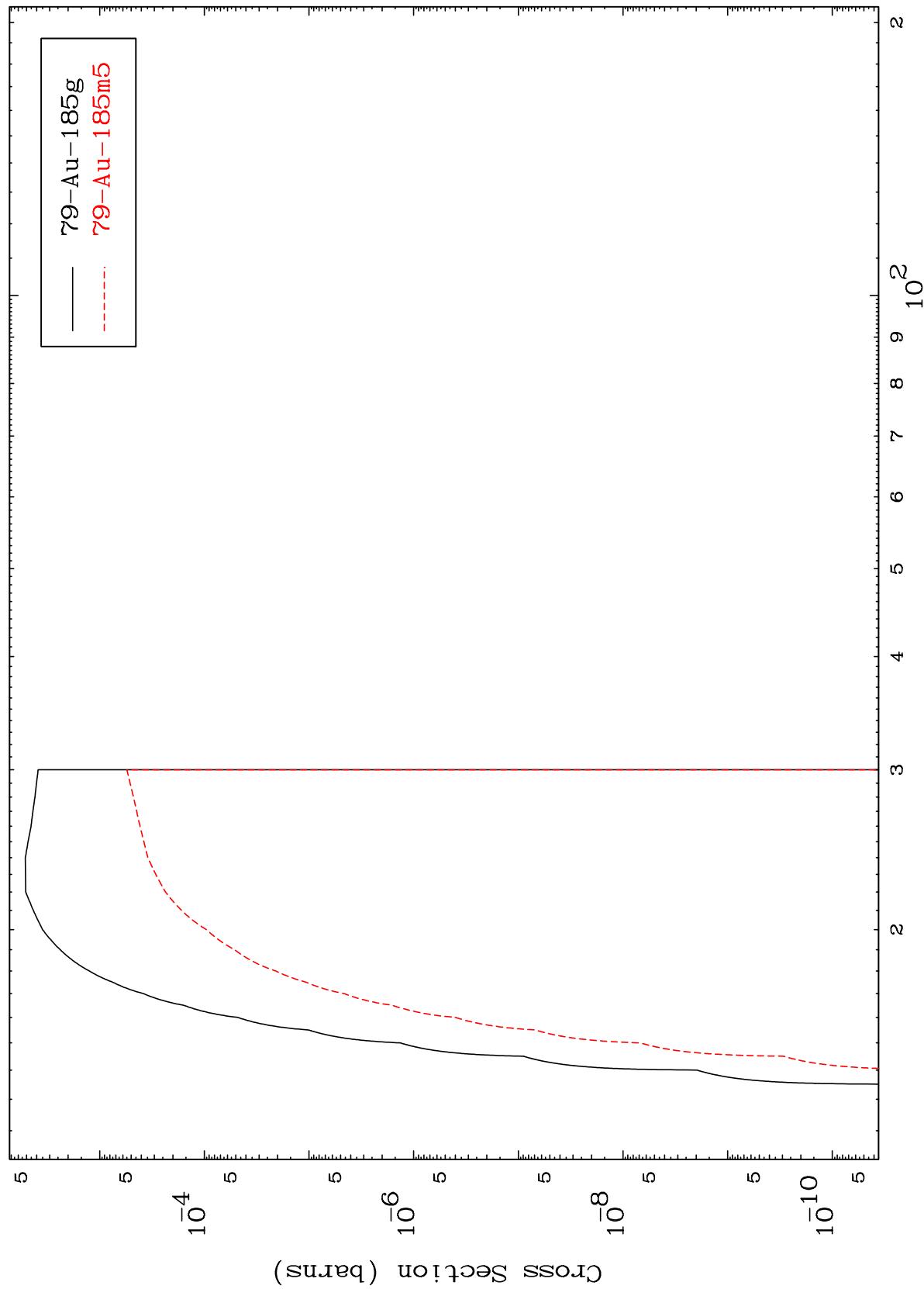
MAT 7998

80-Hg-187

Photon Fission
Radionuclide Production Cross Section



Radionuclide Production Cross Section

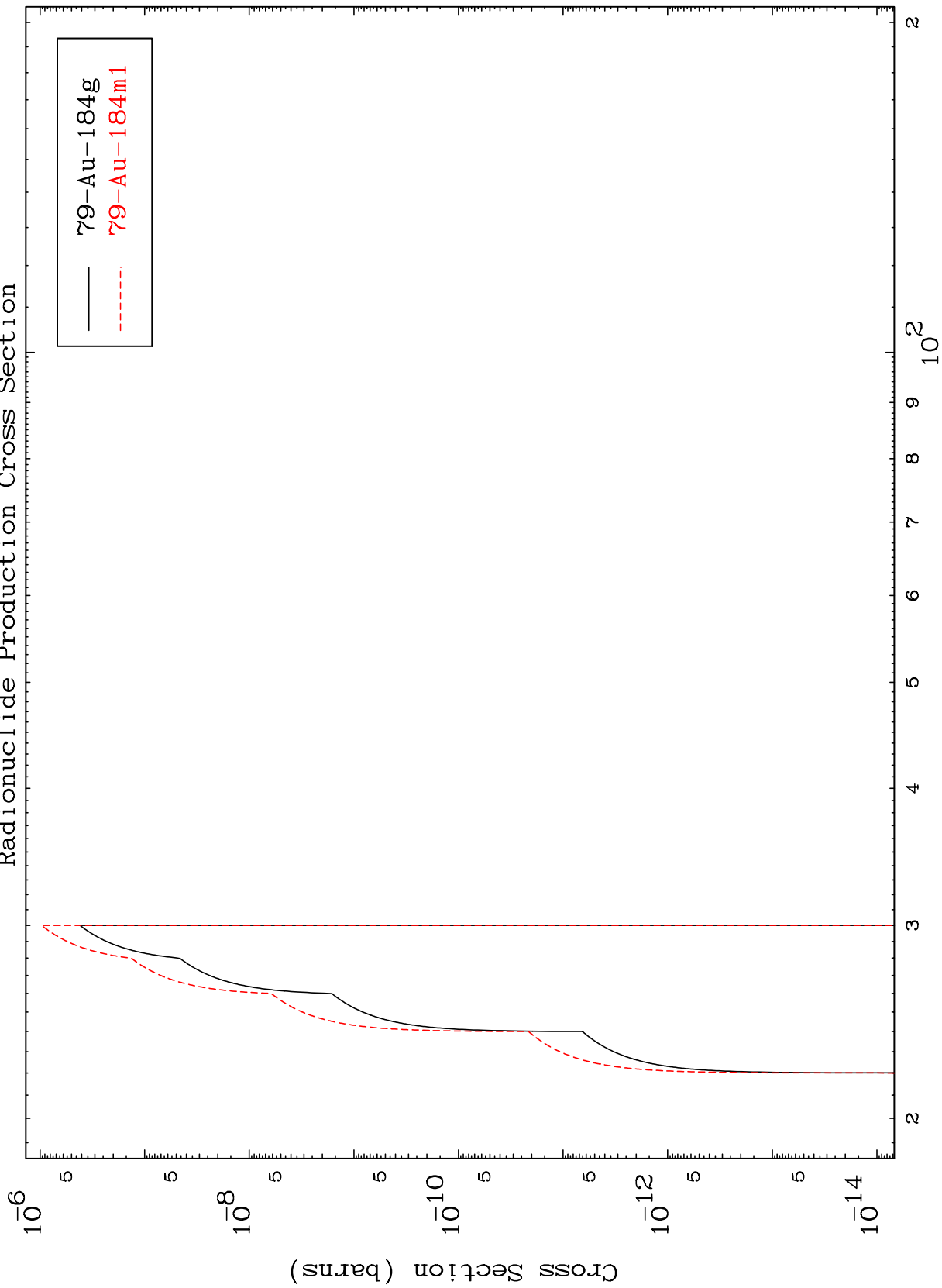


MAT 7998

(γ, n') d

80-Hg-187

Radionuclide Production Cross Section



14

Incident Energy (MeV)

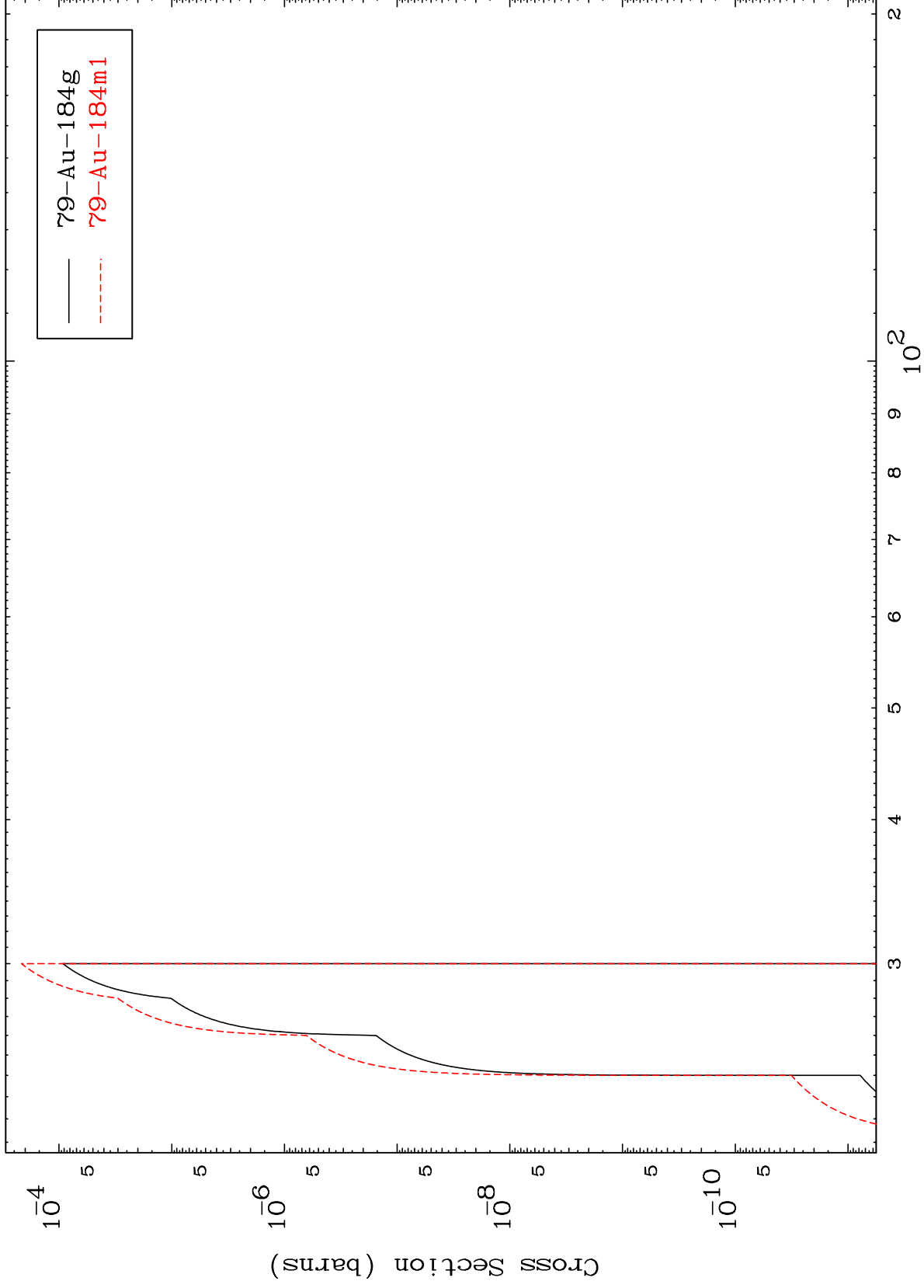
80-Hg-187

MAT 7998

$(\gamma, 2n)$ p

80-Hg-187

Radionuclide Production Cross Section



15

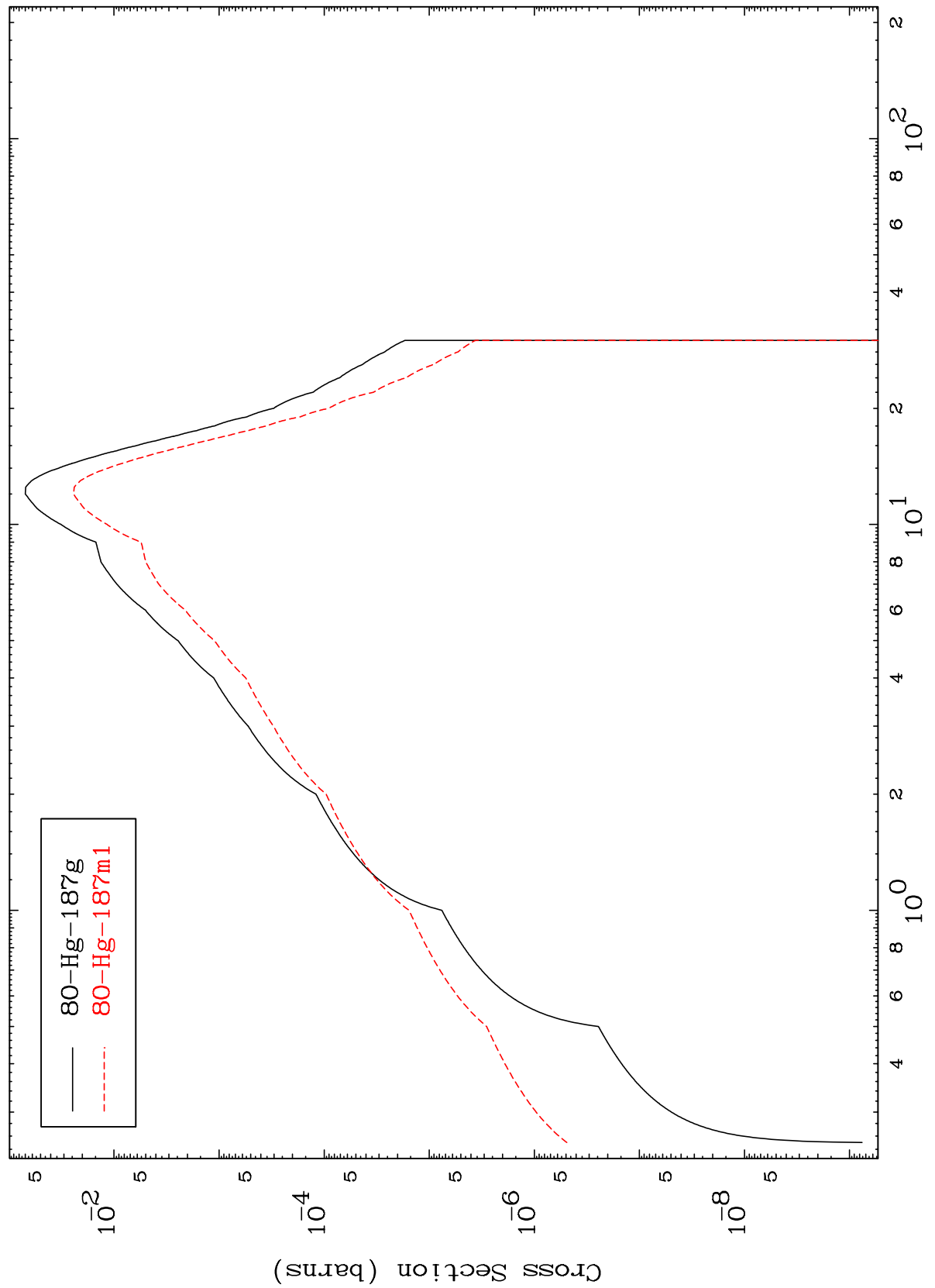
Incident Energy (MeV)

80-Hg-187

MAT 7998

80-Hg-187

(γ, γ)
Radionuclide Production Cross Section

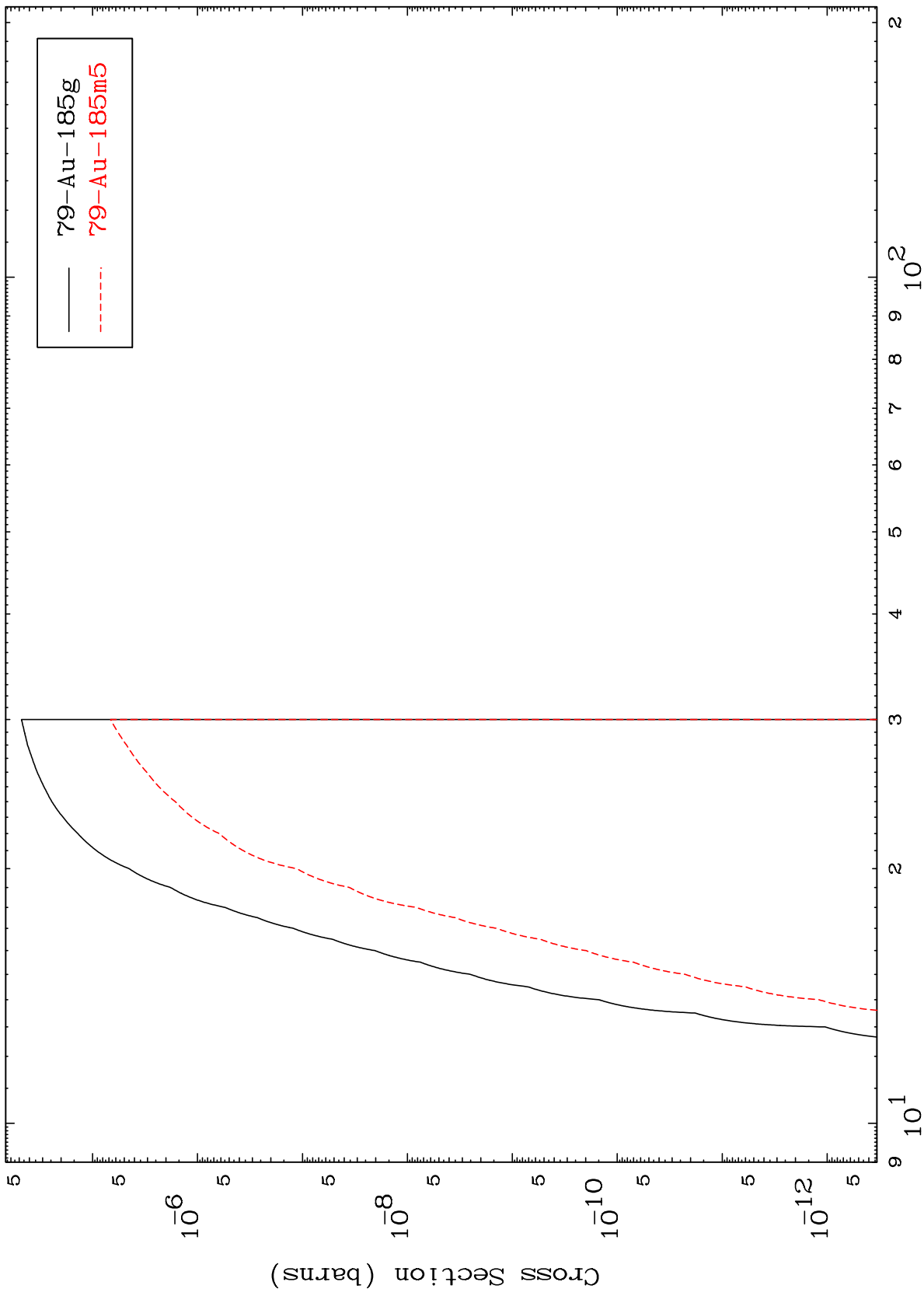


— 80-Hg-187g
- - - 80-Hg-187m1

MAT 7998

80-Hg-187

(γ, d)
Radionuclide Production Cross Section

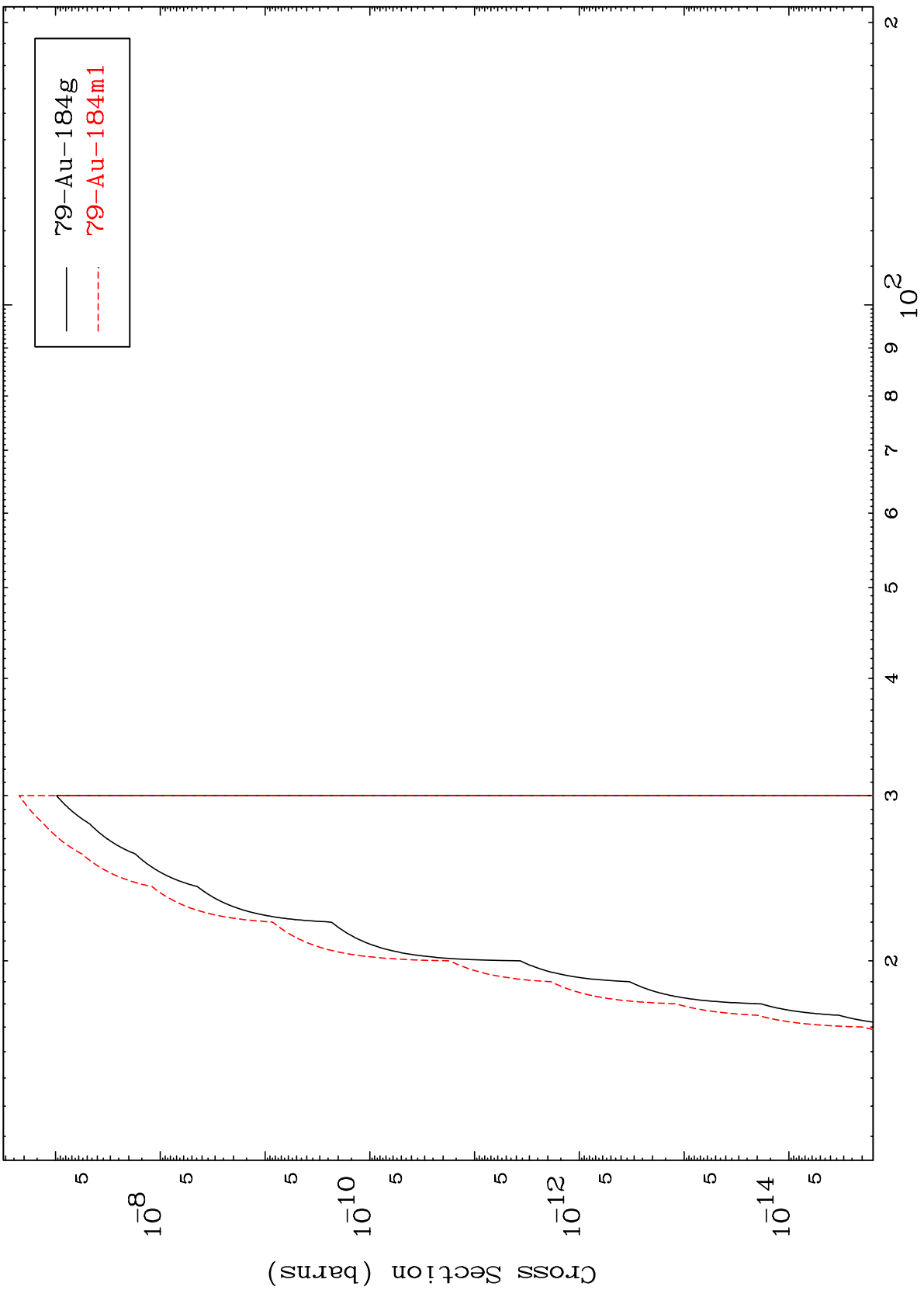


80-Hg-187

Incident Energy (MeV)

17

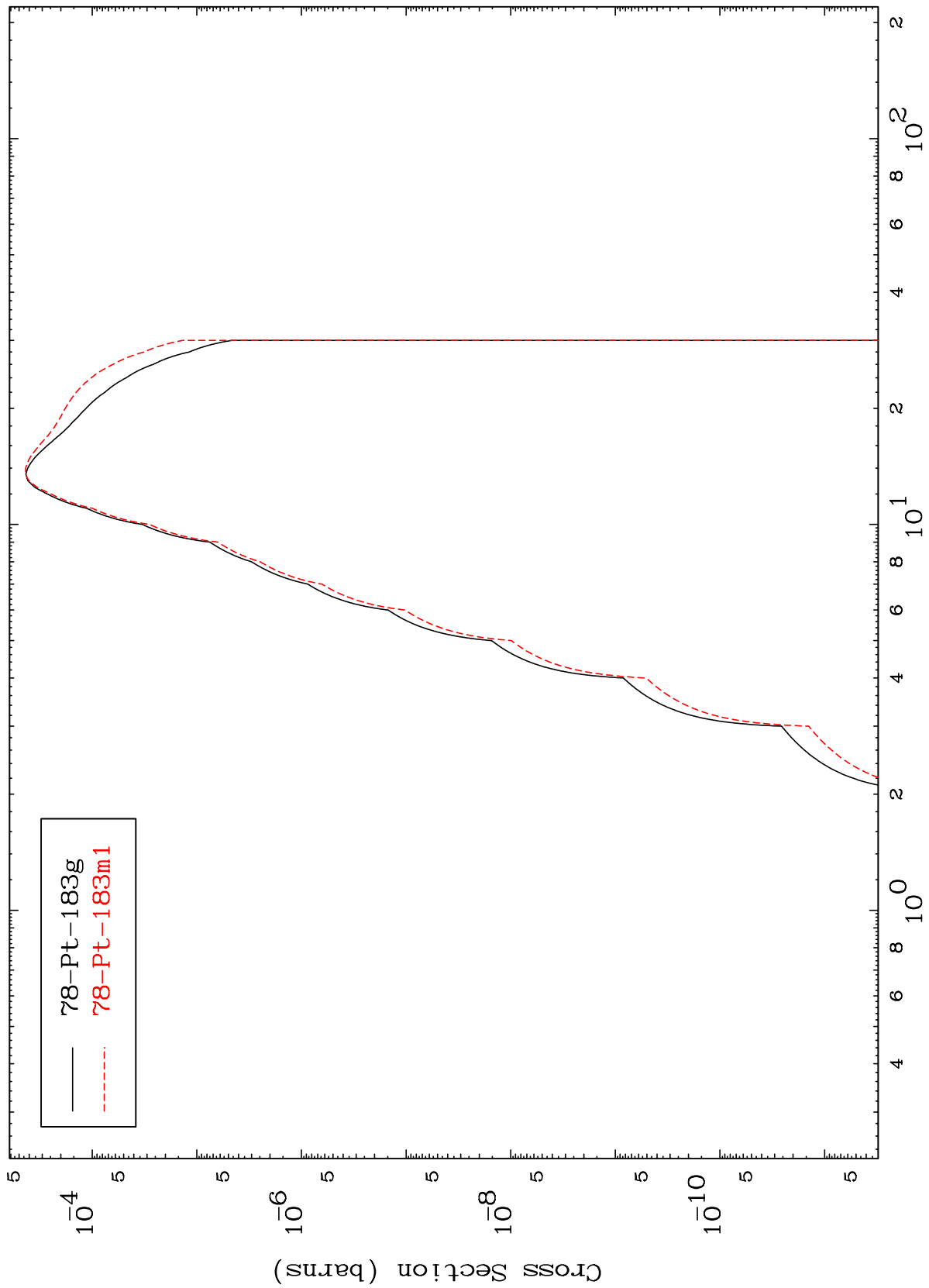
(γ, t)
Radionuclide Production Cross Section



MAT 7998

80-Hg-187

Radionuclide Production Cross Section
(γ, α)



78-Pt-183g
78-Pt-183m1

80-Hg-187

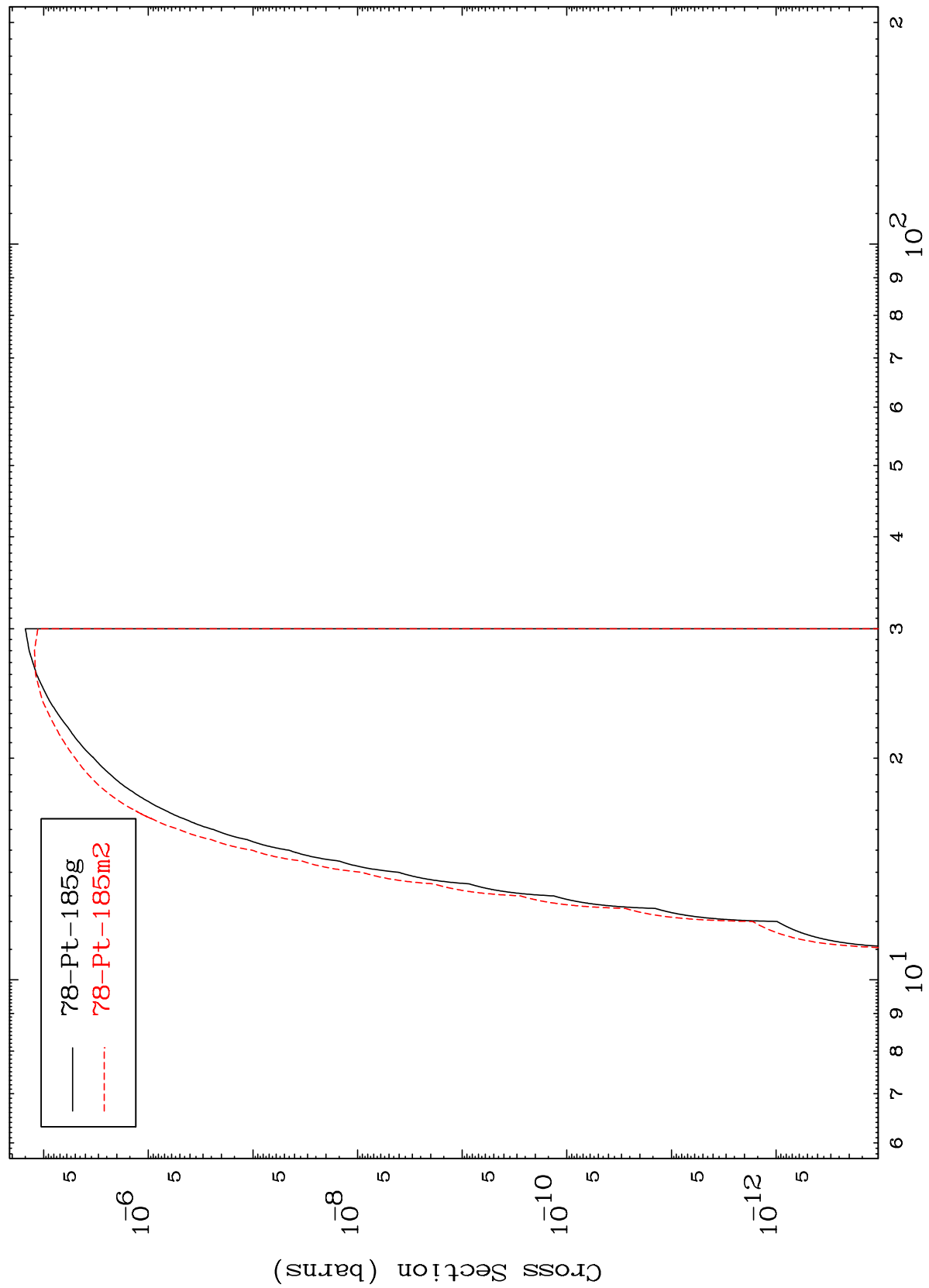
Incident Energy (MeV)

19

MAT 7998

80-Hg-187

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



20

Incident Energy (MeV)

80-Hg-187