

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

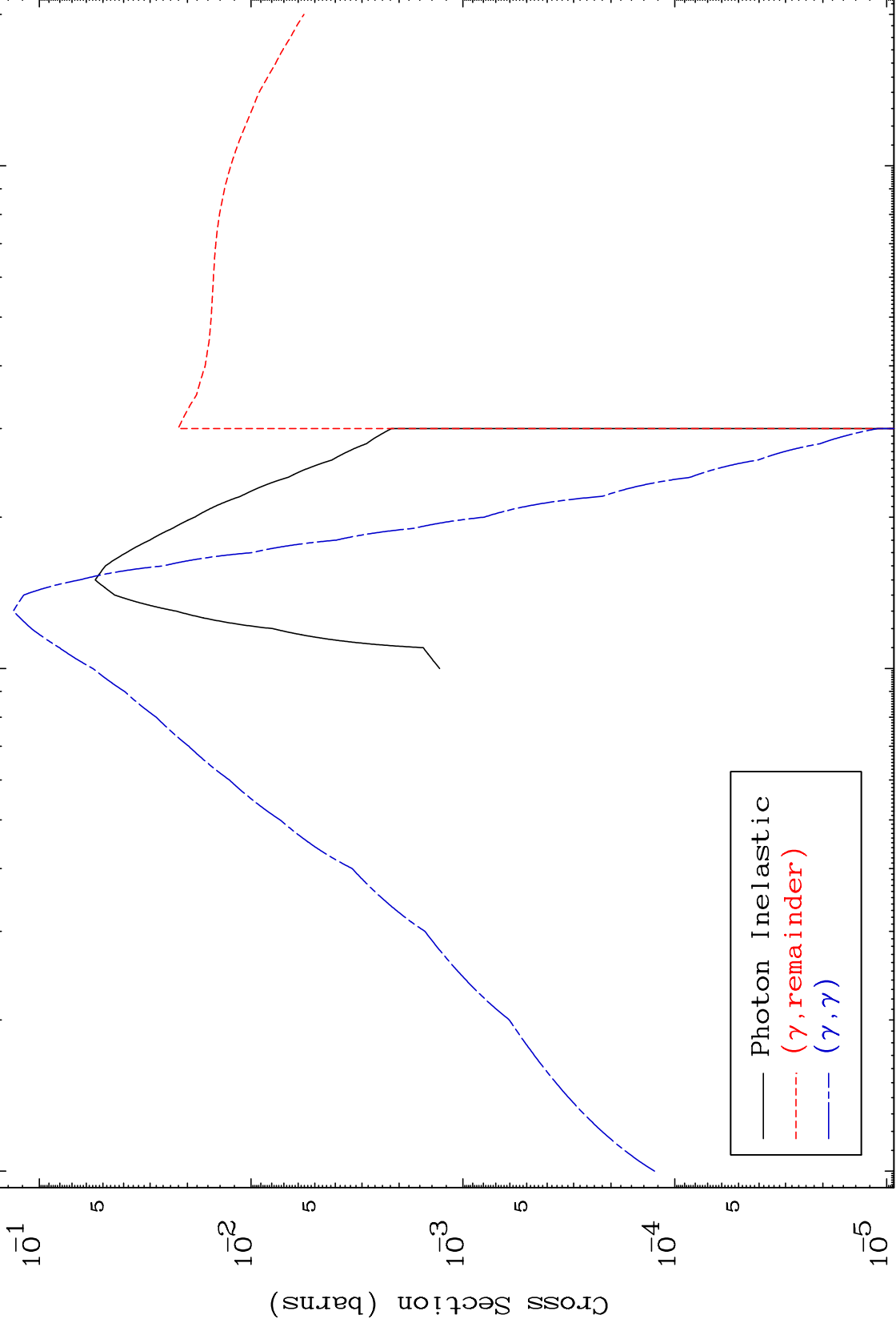
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7974

Photon Major
0 Kelvin Cross Sections

80-Hg-179



80-Hg-179

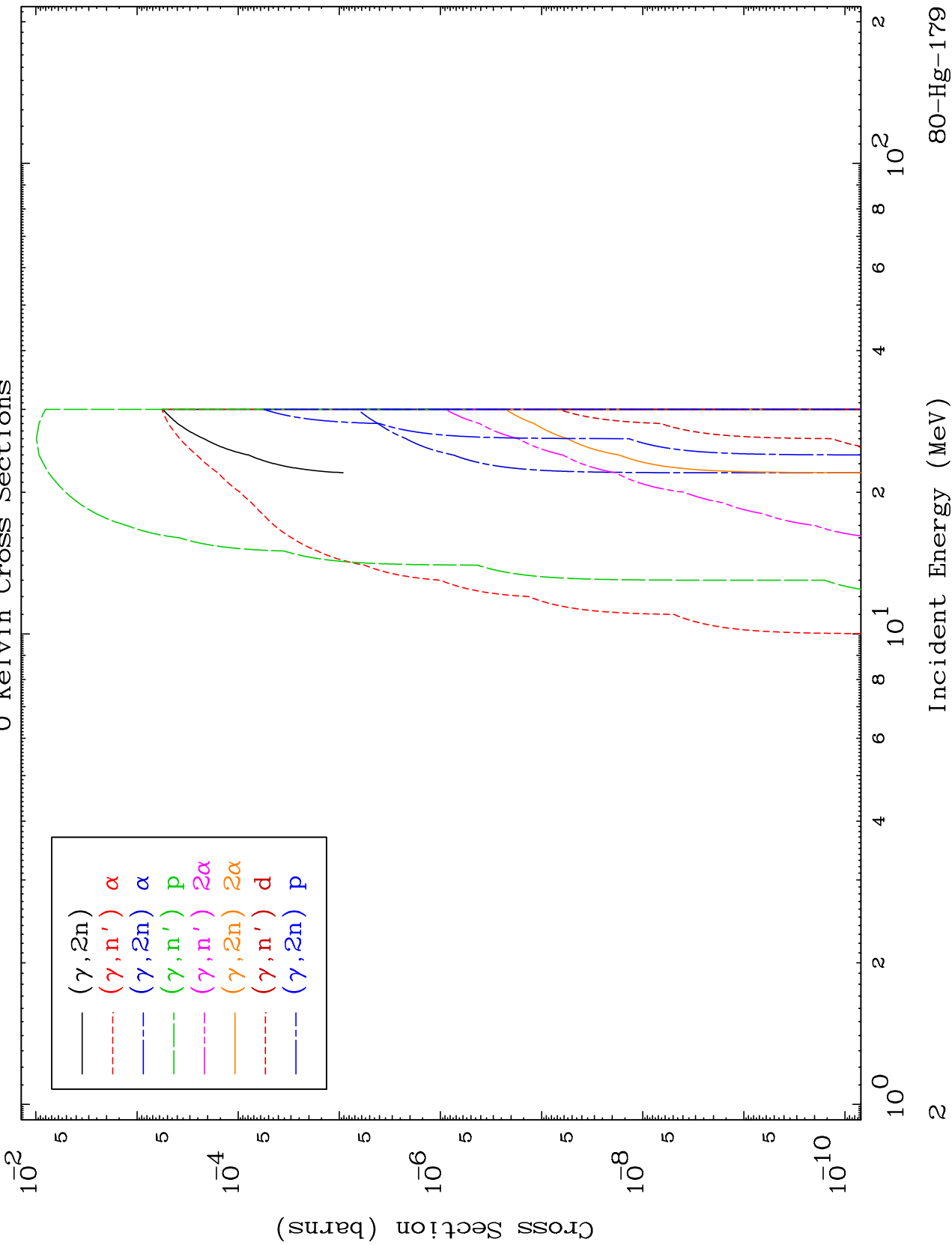
Incident Energy (MeV)

1

MAT 7974

Photon Neutron Production
0 Kelvin Cross Sections

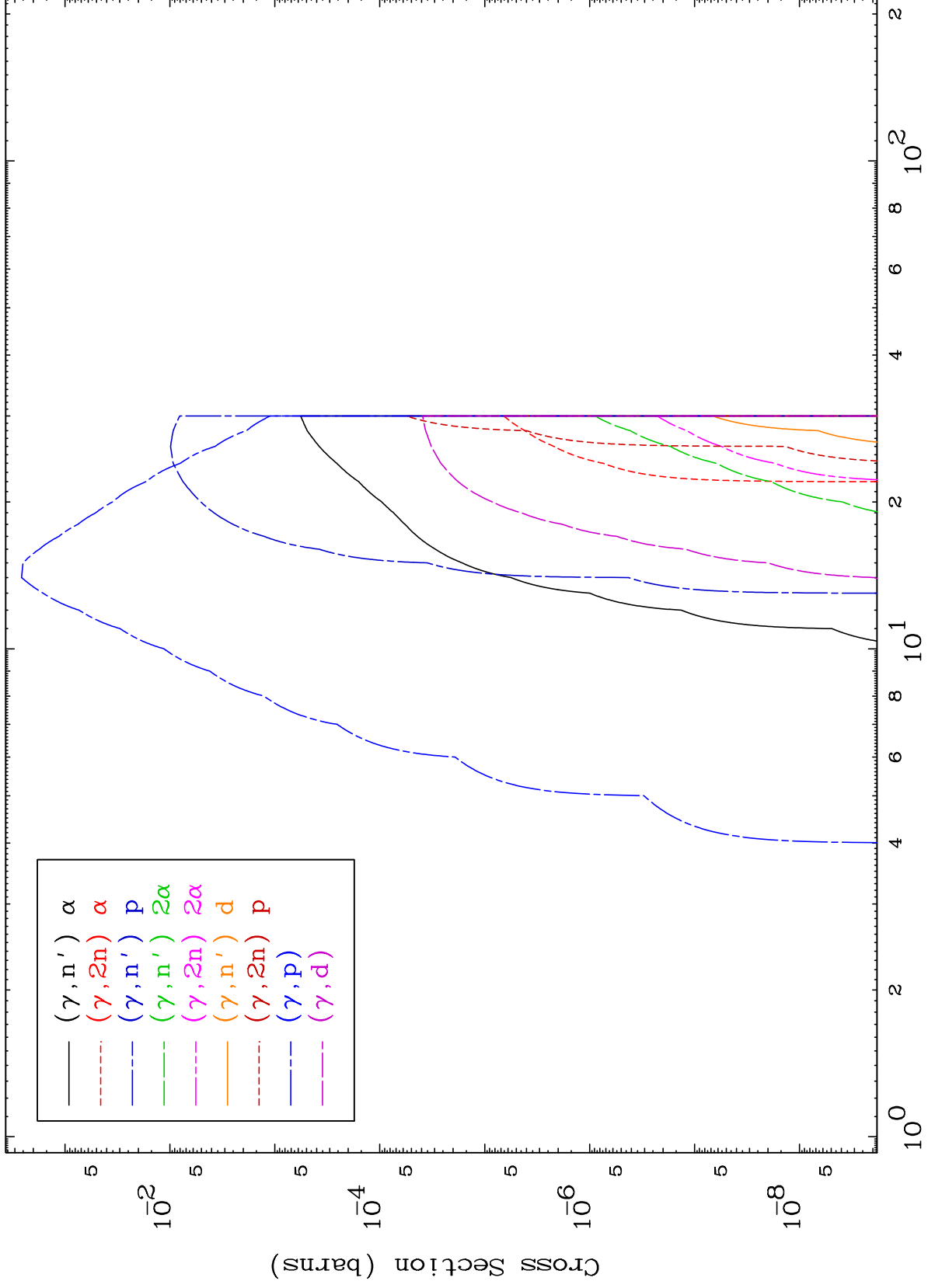
80-Hg-179



MAT 7974

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-179



Incident Energy (MeV)

80-Hg-179

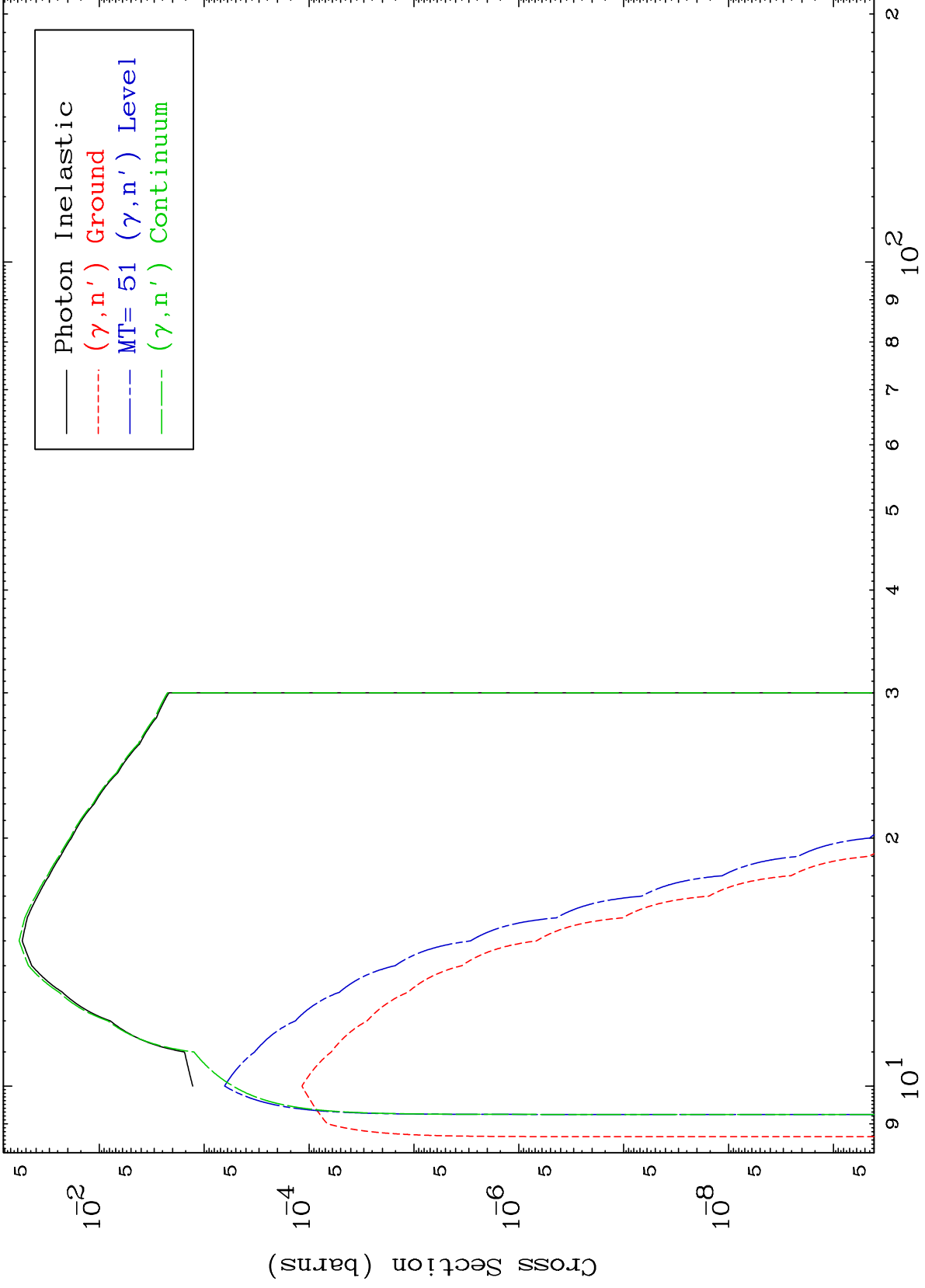
3

MAT 7974

(γ, n') Level

80-Hg-179

0 Kelvin Cross Sections



Incident Energy (MeV)

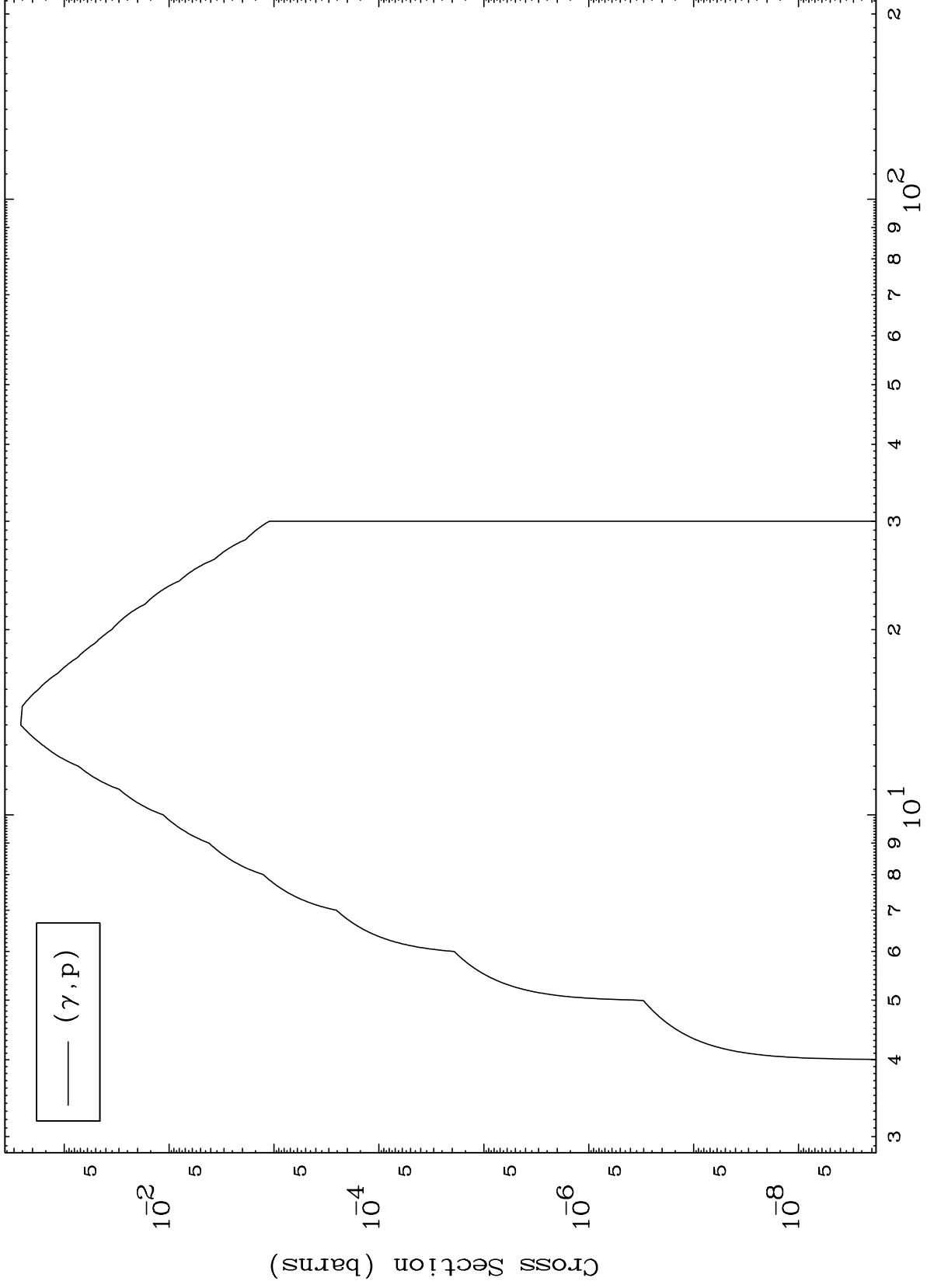
80-Hg-179

5

MAT 7974

(γ, p) Levels
0 Kelvin Cross Sections

80-Hg-179



6

Incident Energy (MeV)

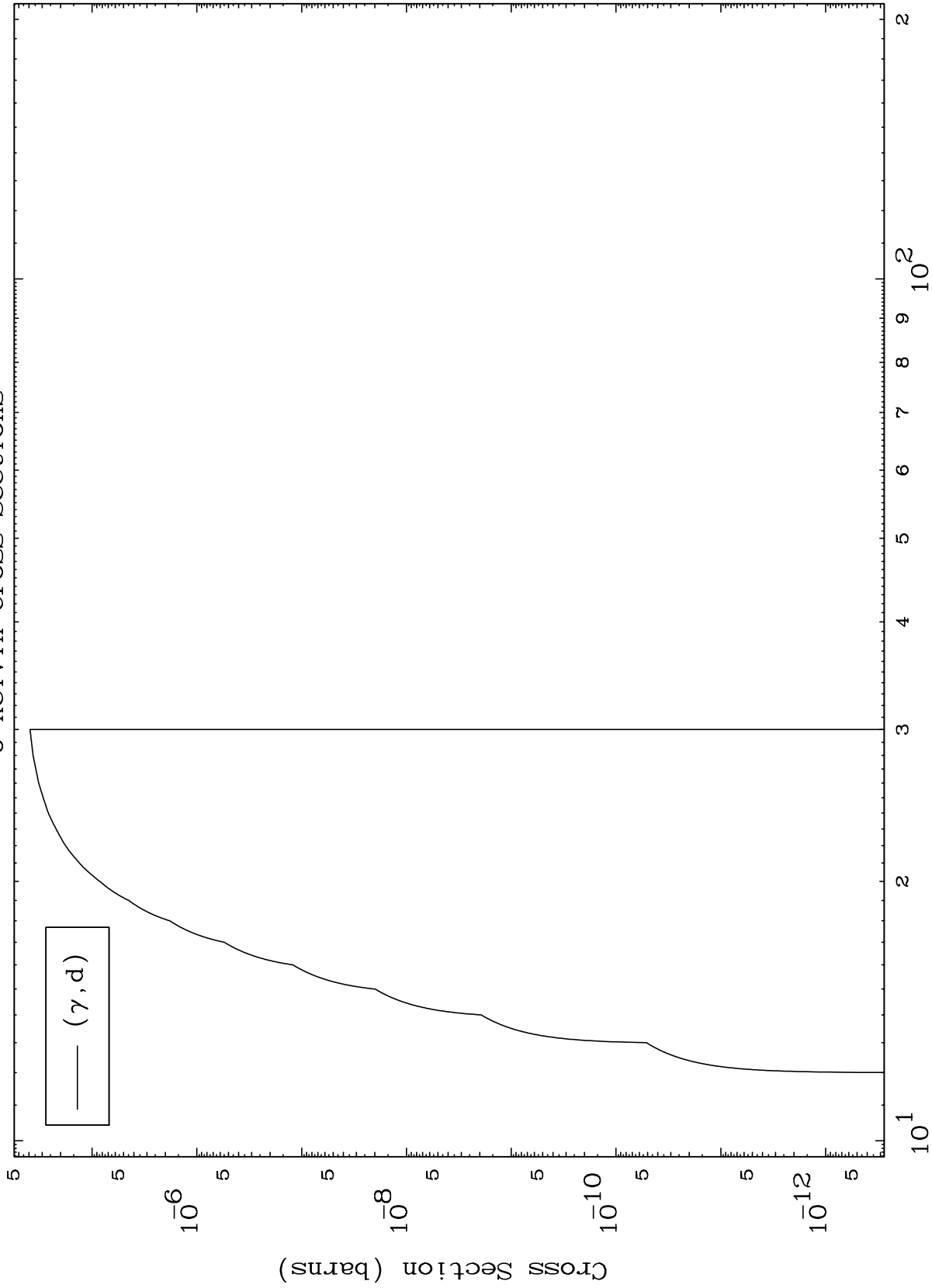
80-Hg-179

MAT 7974

(γ, d) Levels

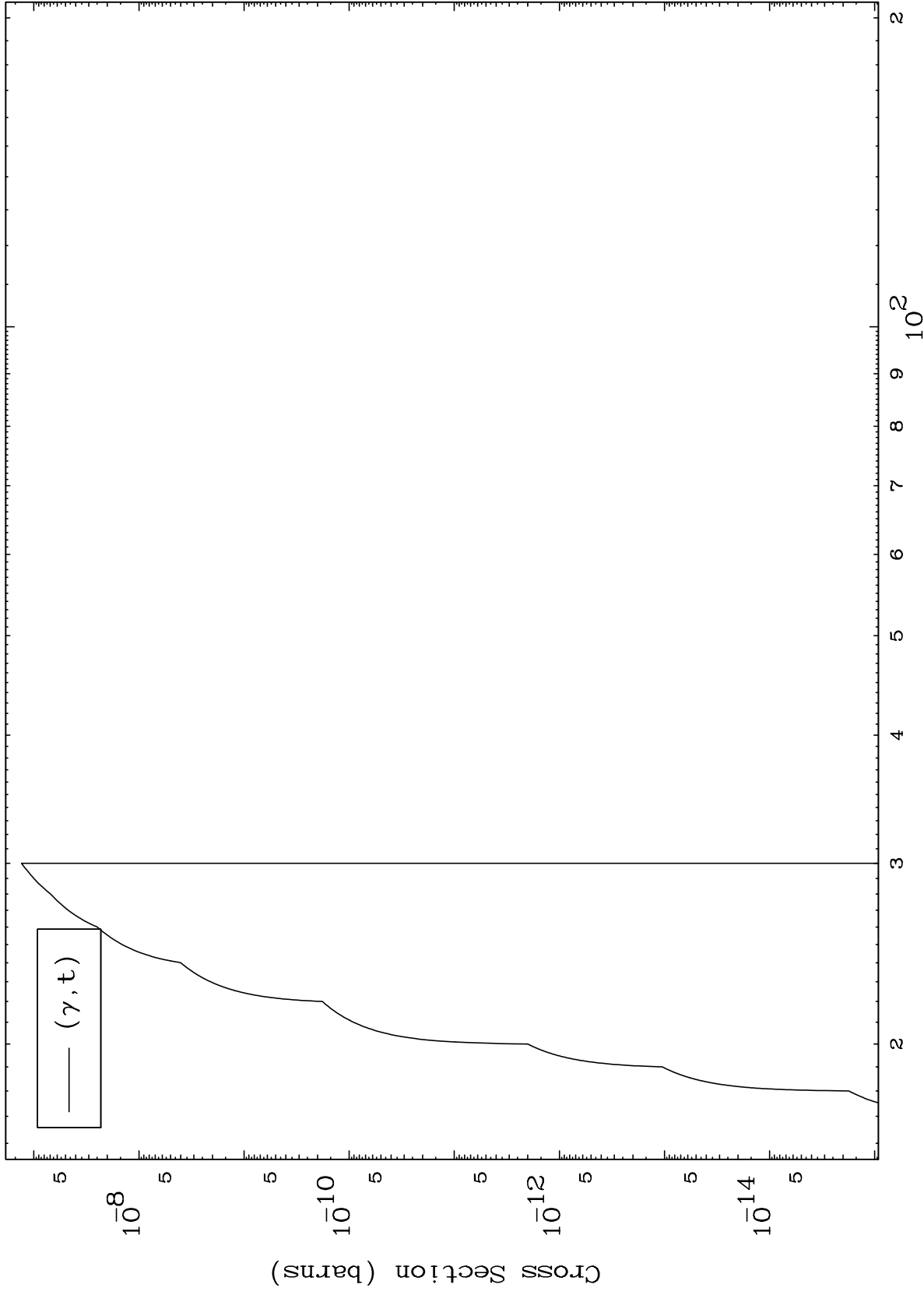
80-Hg-179

0 Kelvin Cross Sections



Incident Energy (MeV)

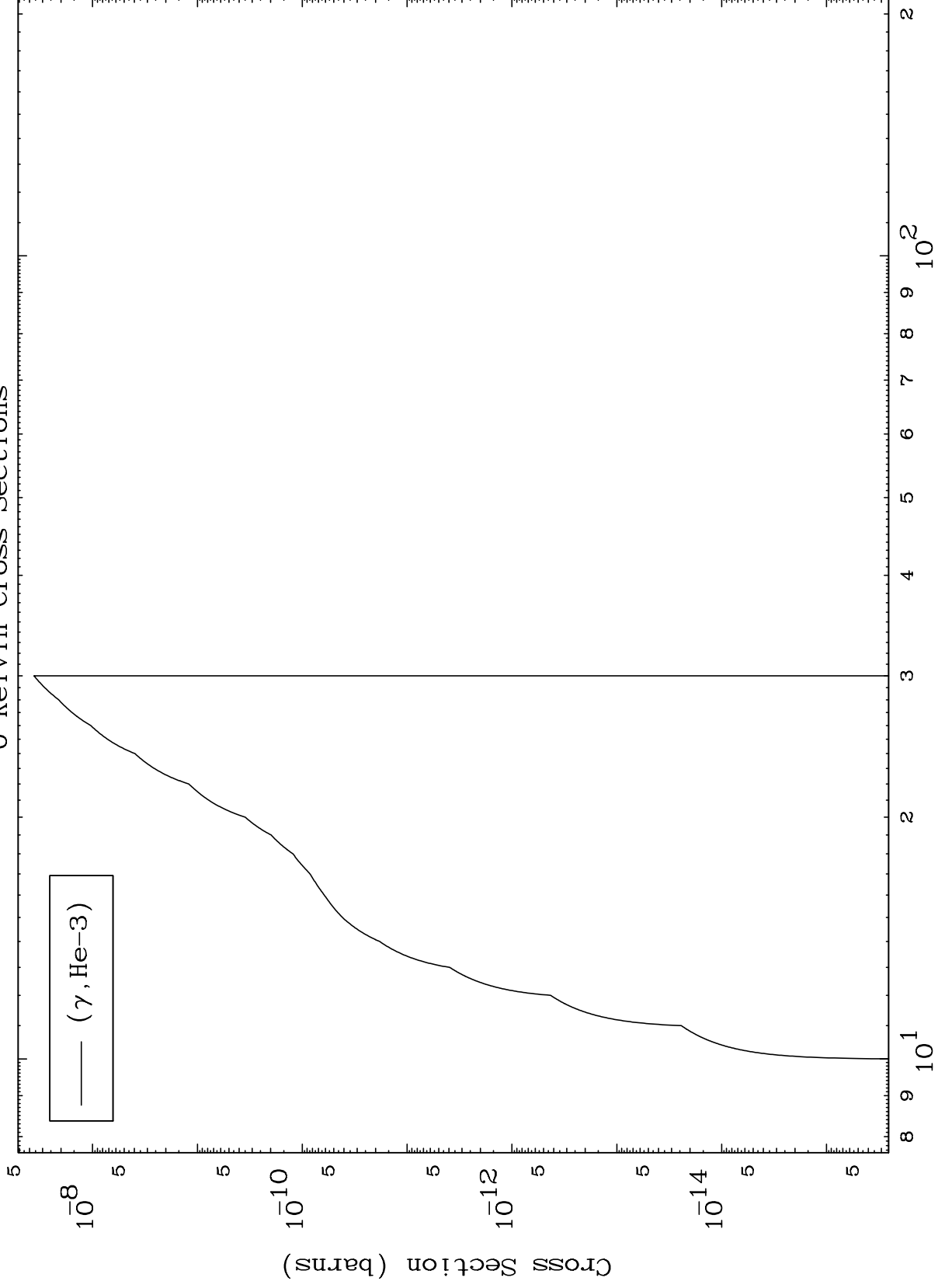
80-Hg-179



MAT 7974

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

80-Hg-179



9

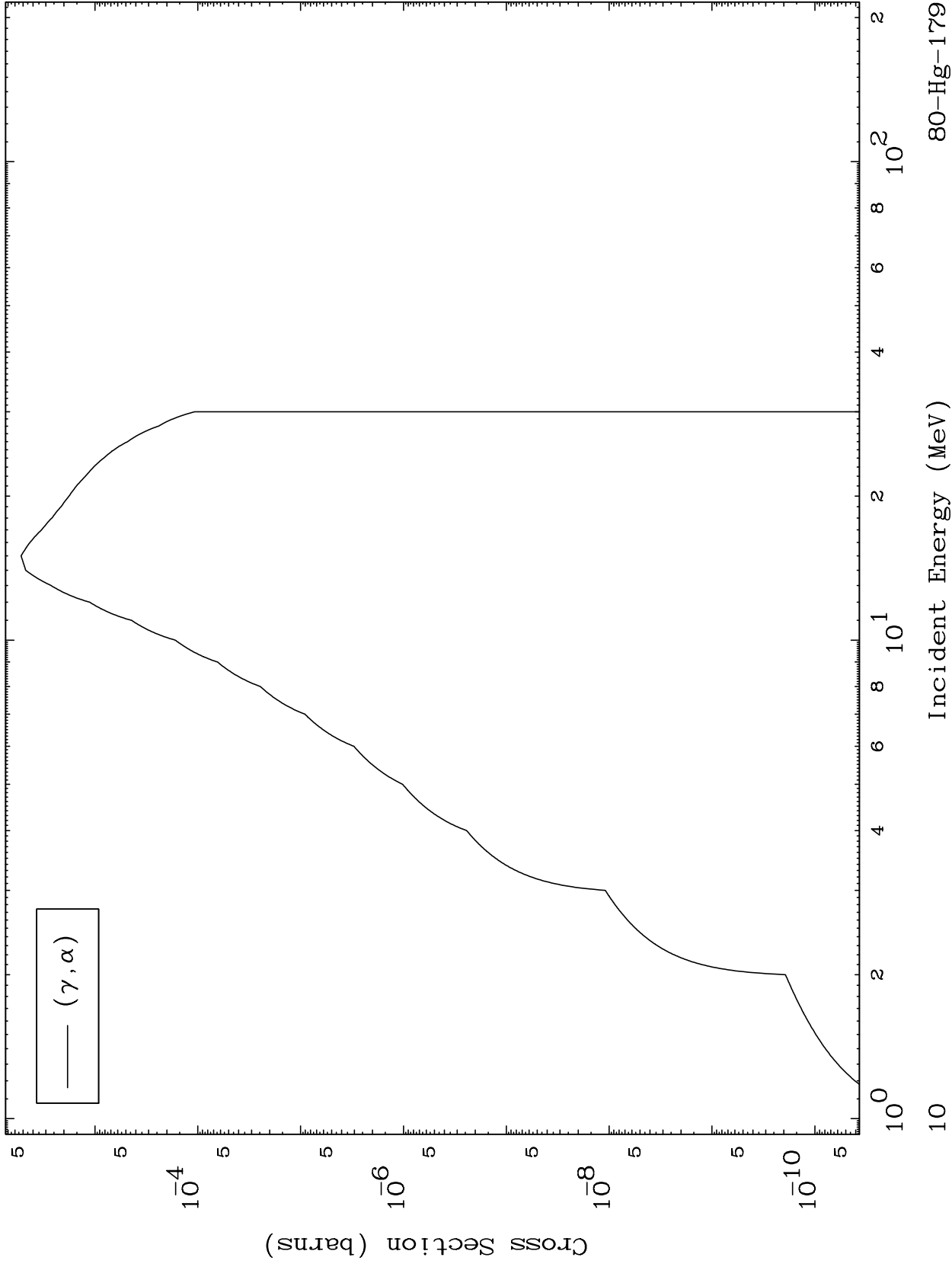
Incident Energy (MeV)

80-Hg-179

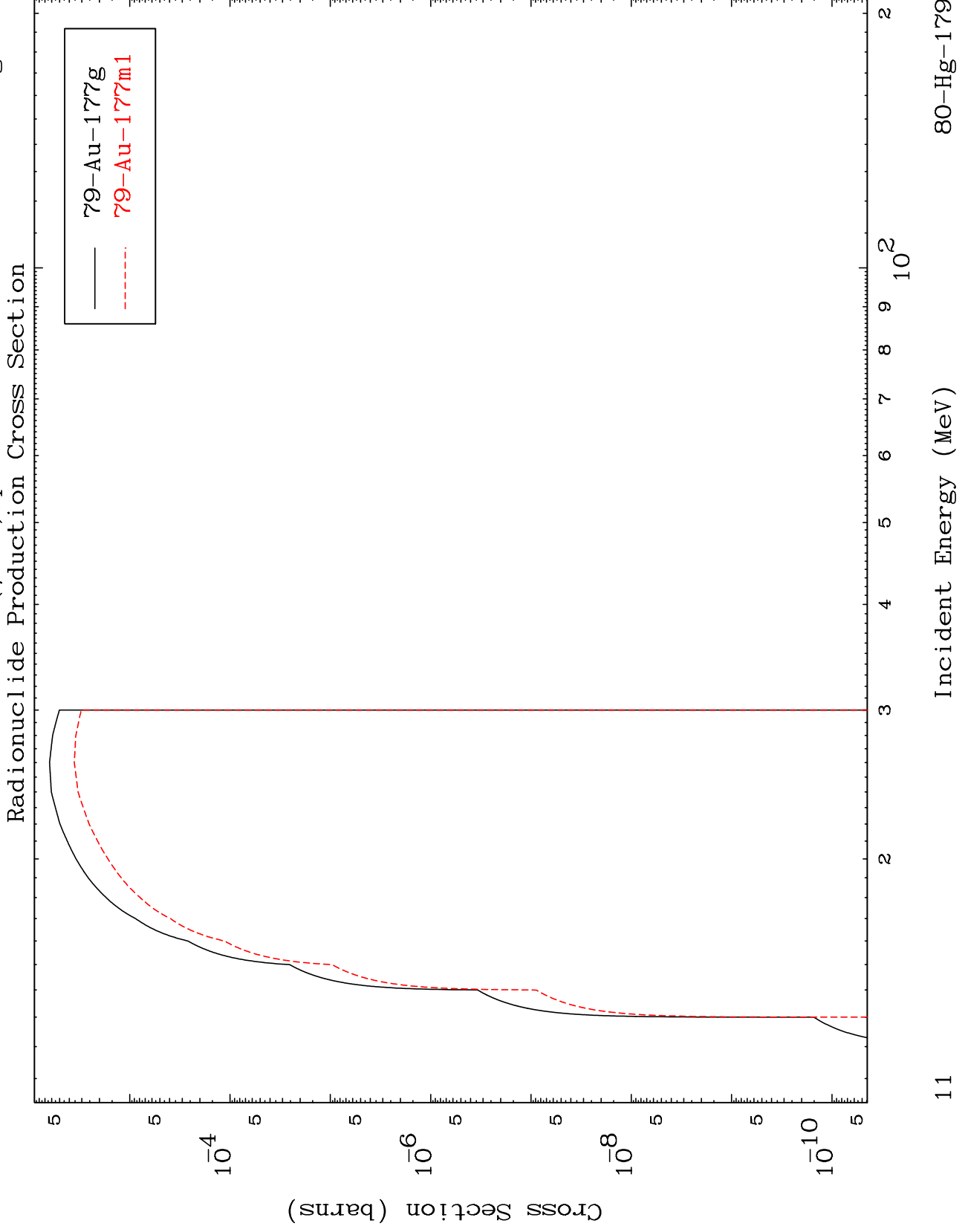
MAT 7974

(γ, α) Levels
0 Kelvin Cross Sections

80-Hg-179



80-Hg-179

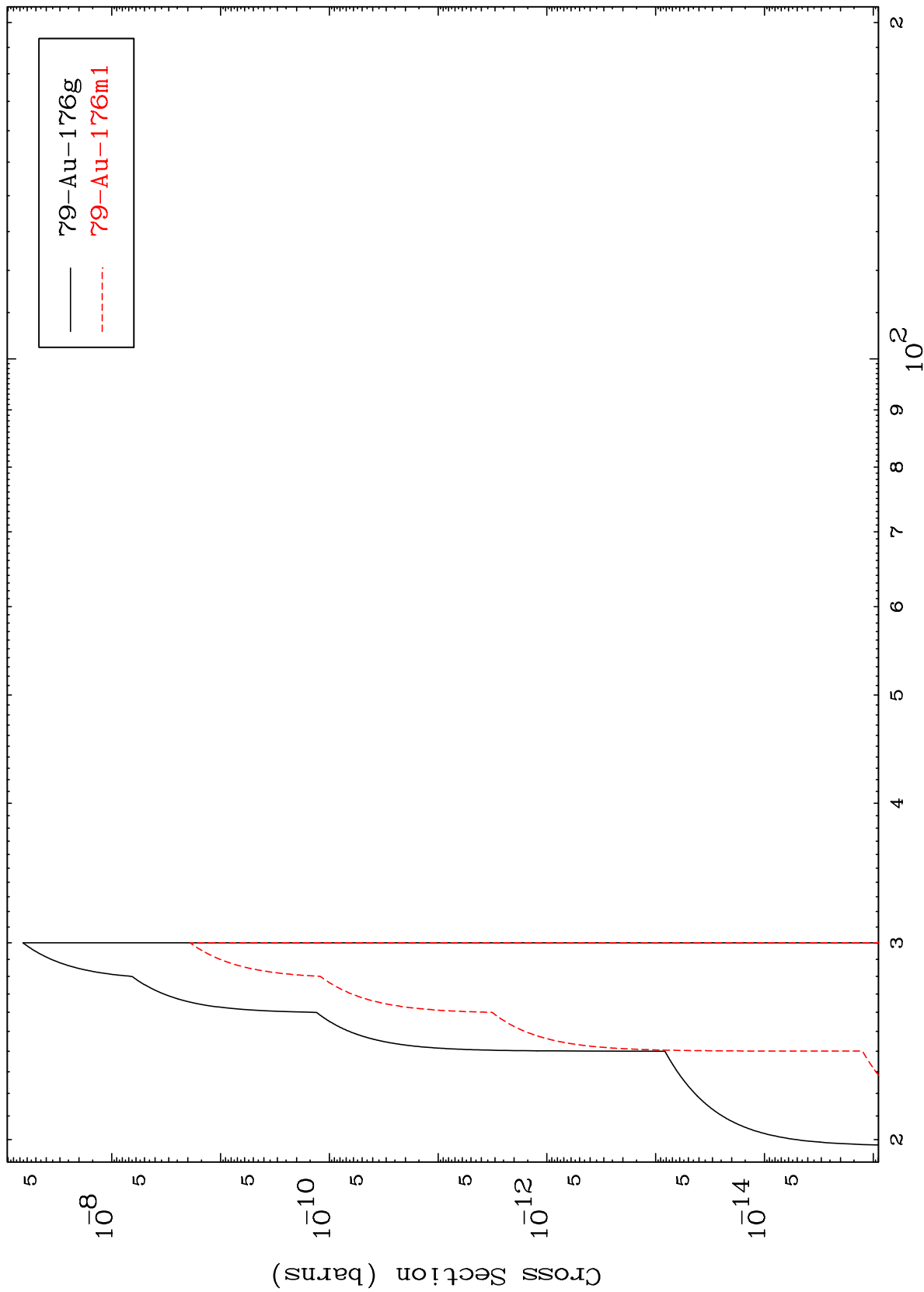


MAT 7974

(γ, n') d

80-Hg-179

Radionuclide Production Cross Section



12

Incident Energy (MeV)

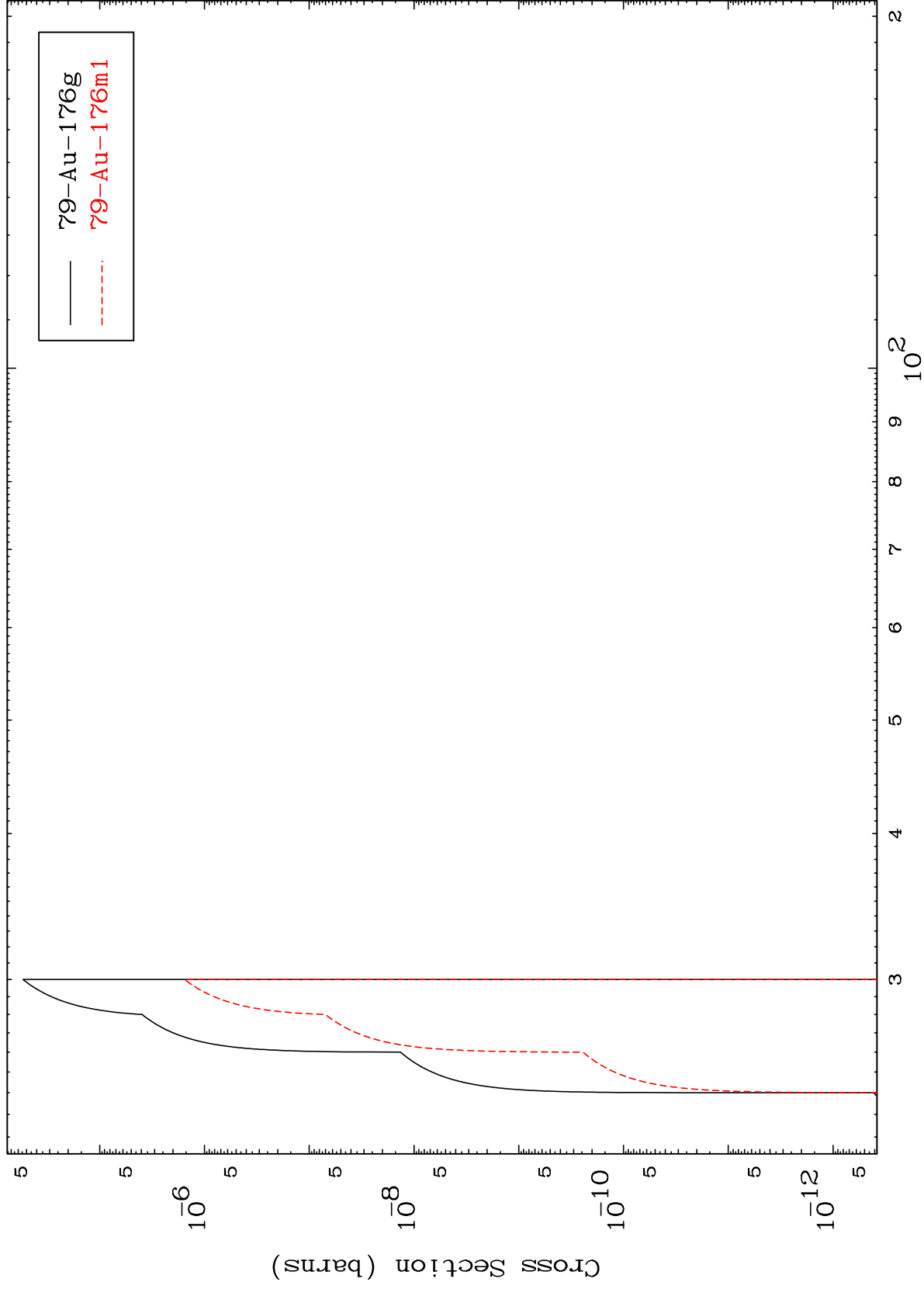
80-Hg-179

MAT 7974

$(\gamma, 2n)$ p

80-Hg-179

Radionuclide Production Cross Section



13

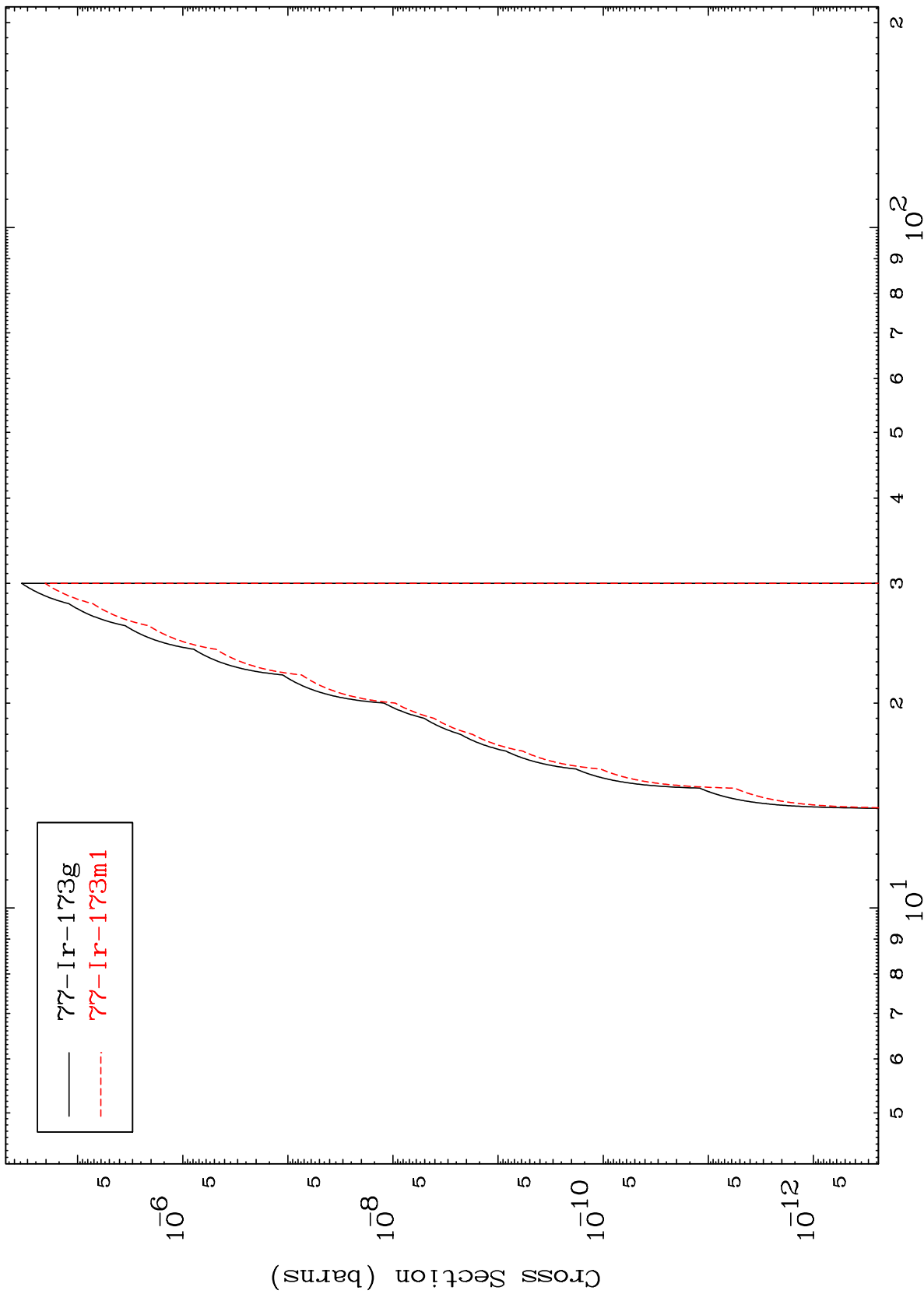
Incident Energy (MeV)

80-Hg-179

MAT 7974

80-Hg-179

(γ, n') p α
Radionuclide Production Cross Section



14

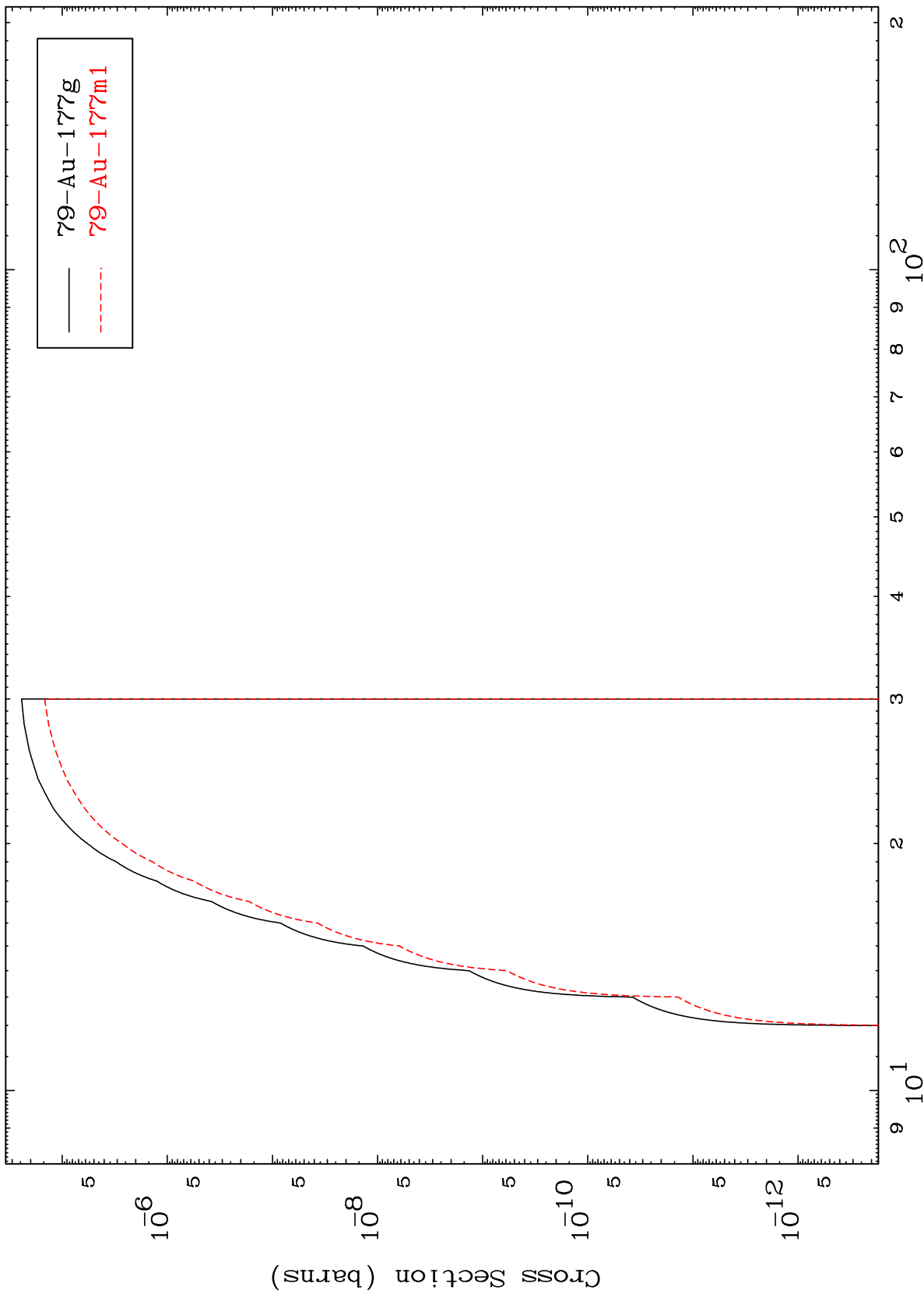
Incident Energy (MeV)

80-Hg-179

MAT 7974

80-Hg-179

(γ, d)
Radionuclide Production Cross Section



80-Hg-179

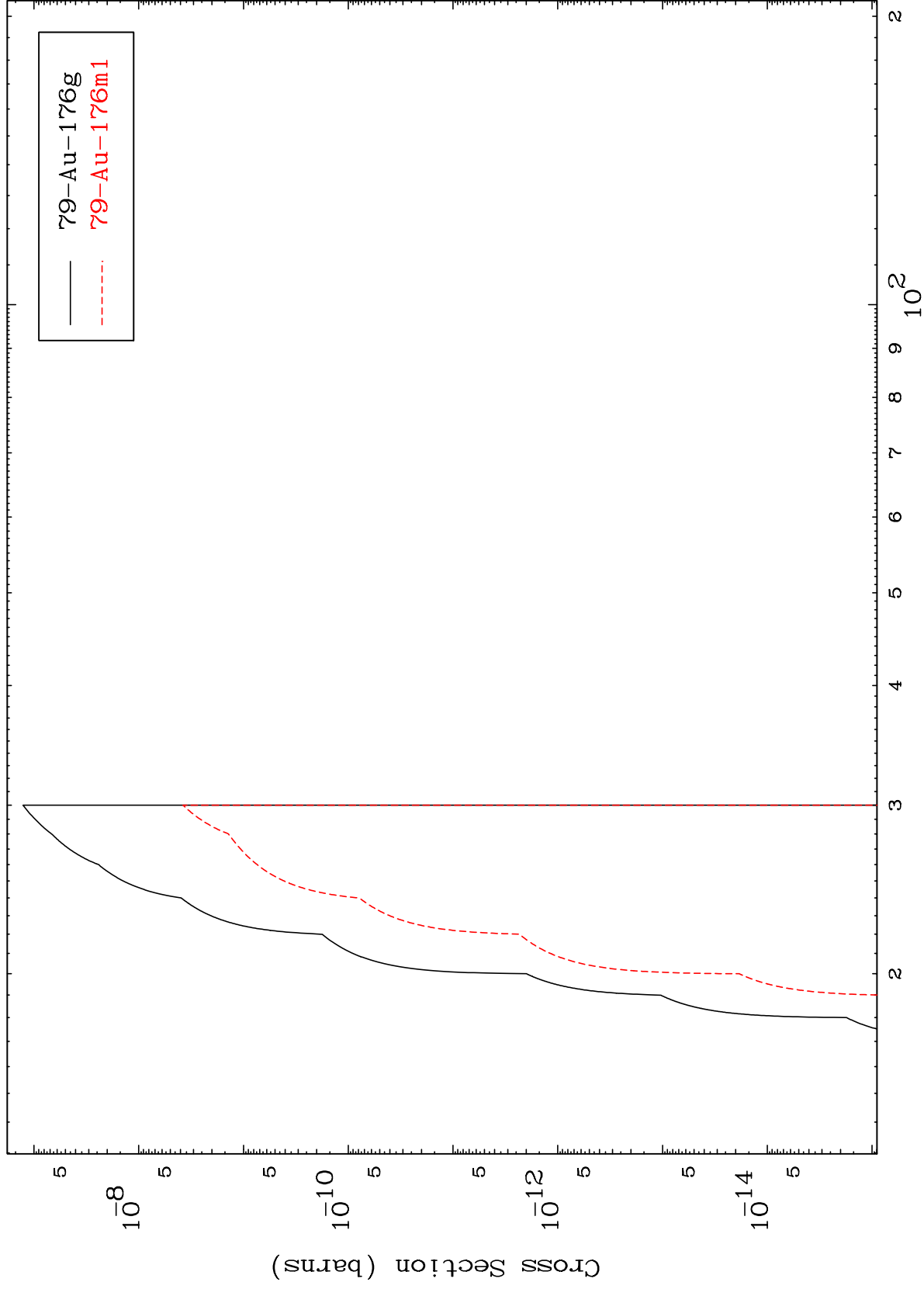
Incident Energy (MeV)

15

MAT 7974

80-Hg-179

(γ, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

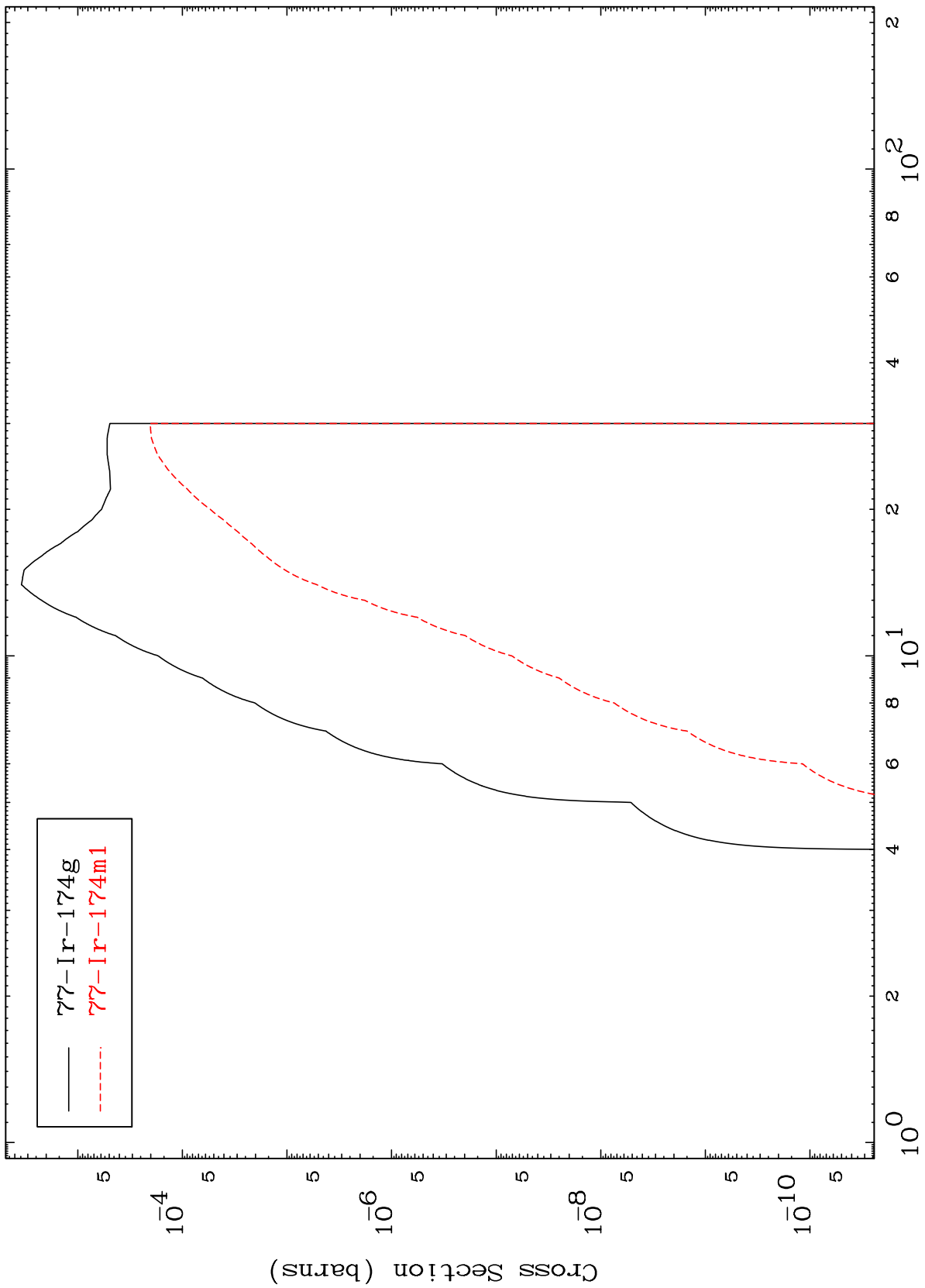
80-Hg-179

MAT 7974

(γ, p) α

80-Hg-179

Radionuclide Production Cross Section



Incident Energy (MeV)

80-Hg-179

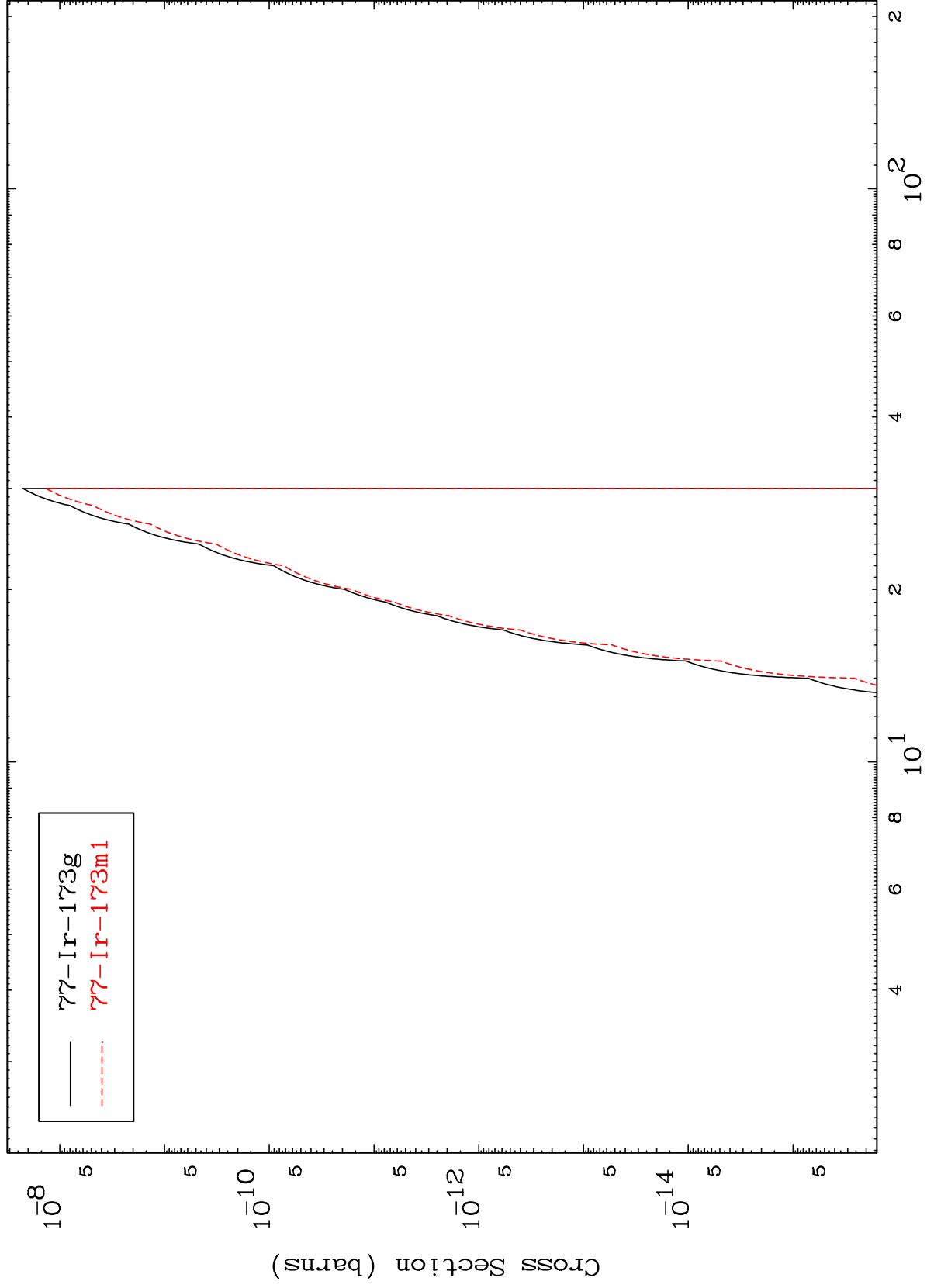
17

MAT 7974

(γ, d) α

80-Hg-179

Radionuclide Production Cross Section



18

Incident Energy (MeV)

80-Hg-179