

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

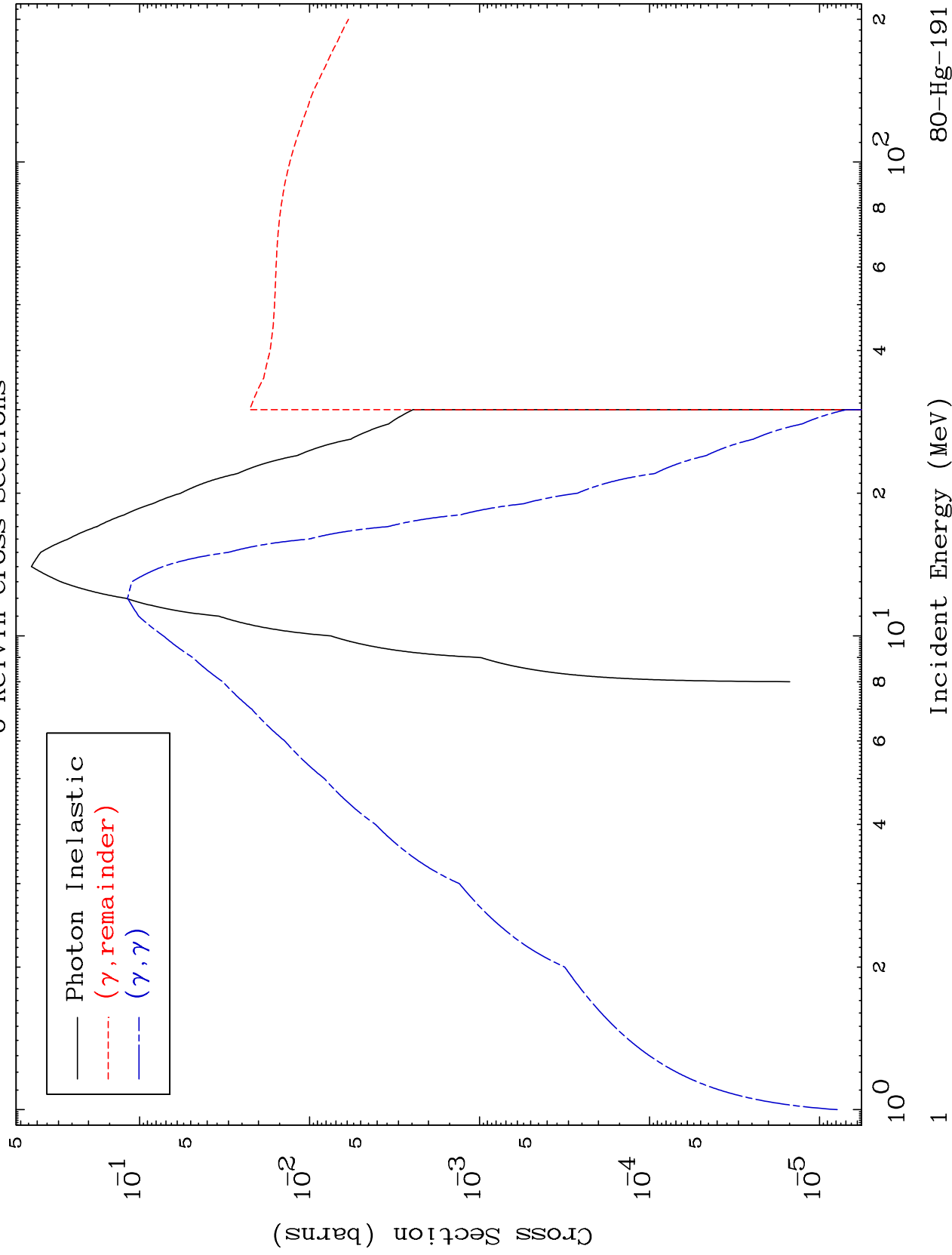
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8011

Photon Major
0 Kelvin Cross Sections

80-Hg-191

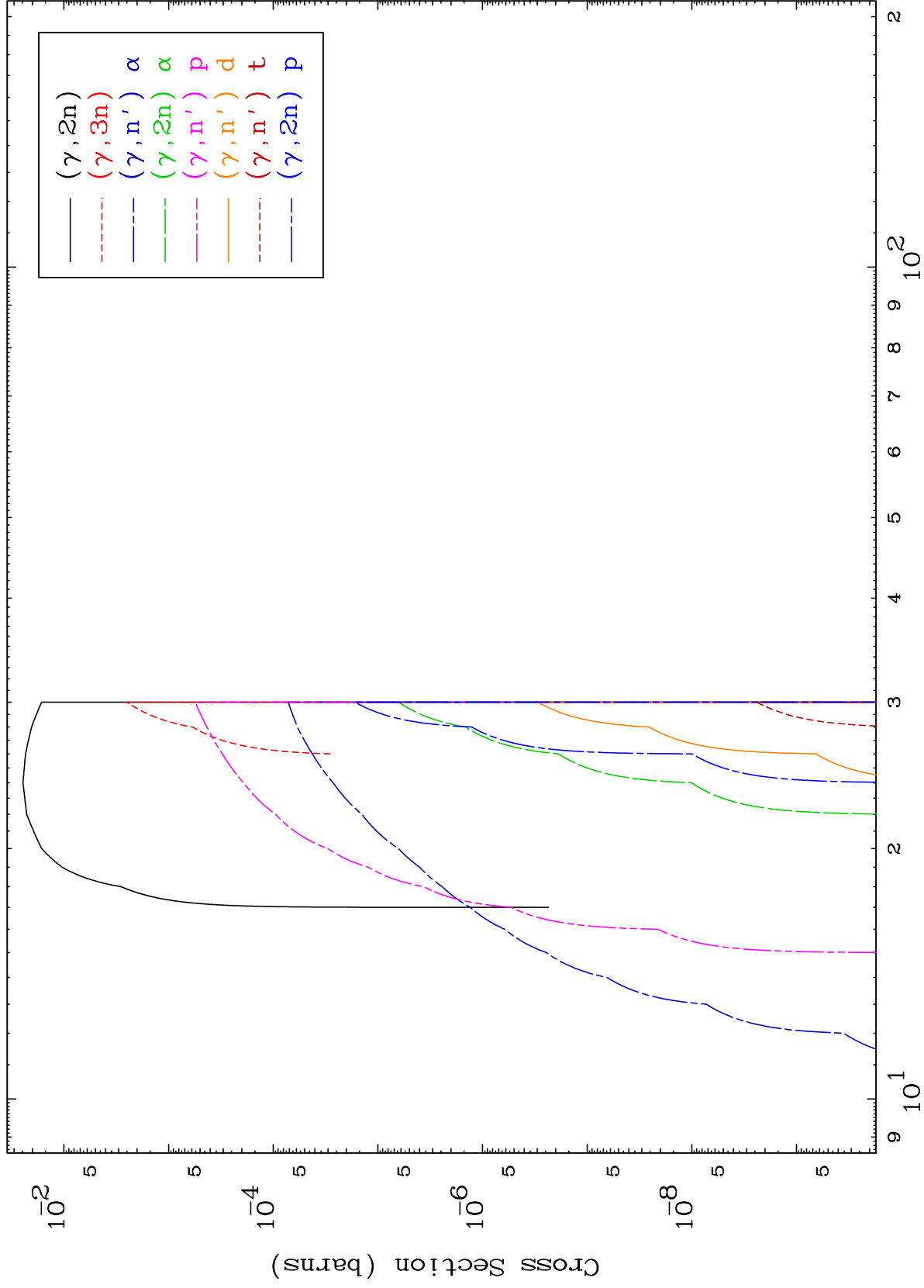


80-Hg-191

MAT 8011

Photon Neutron Production
0 Kelvin Cross Sections

80-Hg-191



2

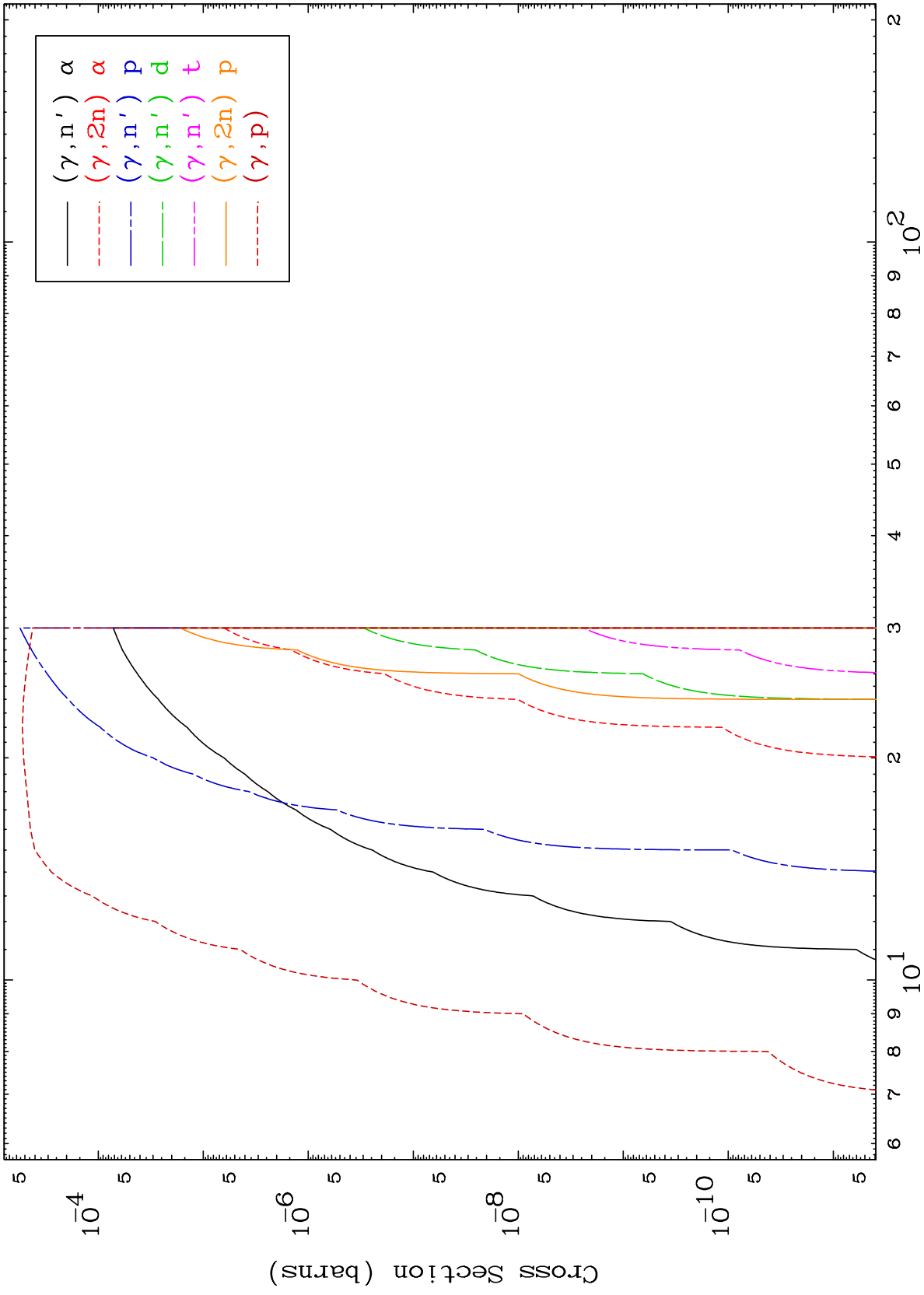
Incident Energy (MeV)

80-Hg-191

MAT 8011

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-191



3

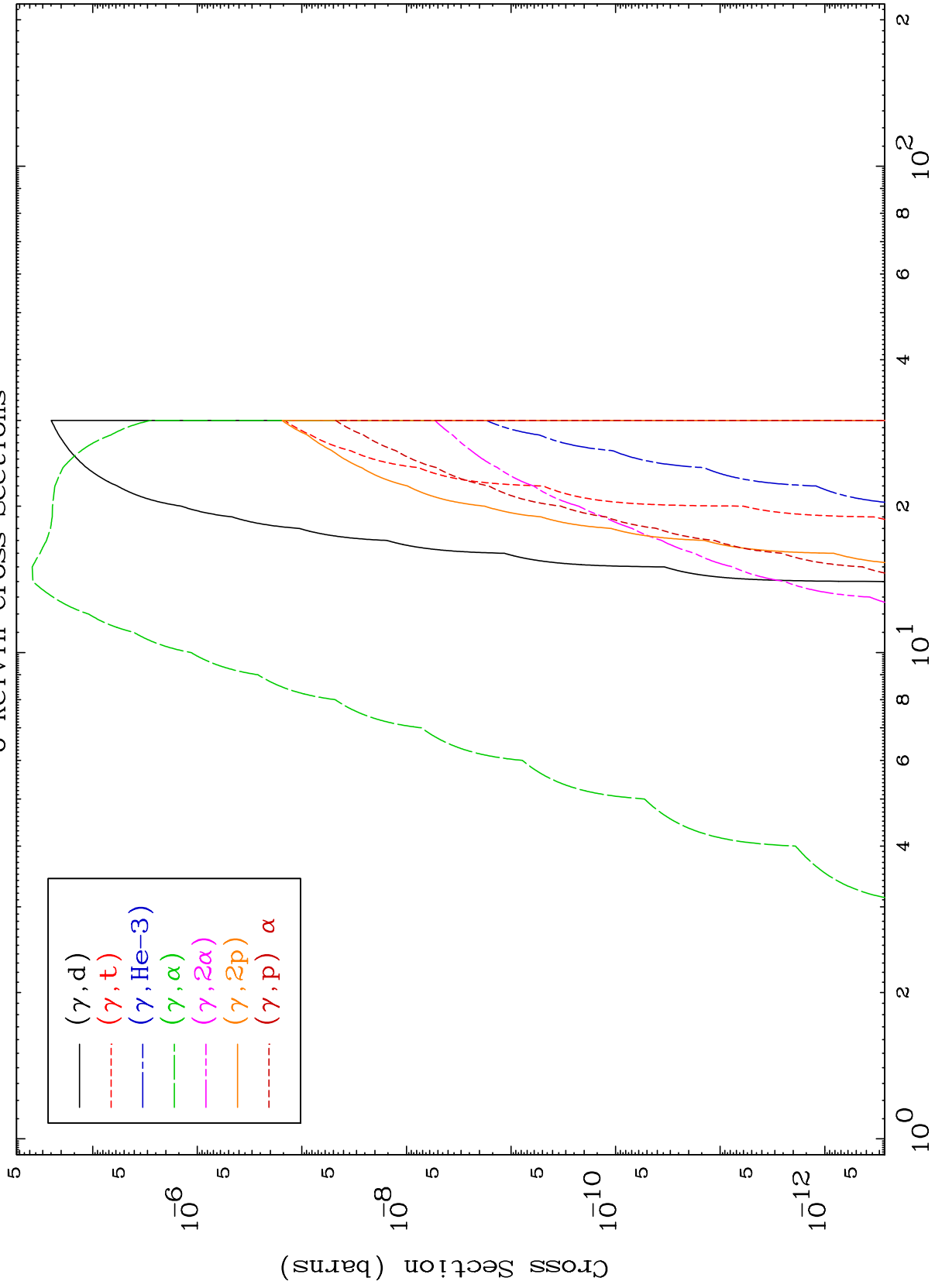
Incident Energy (MeV)

80-Hg-191

MAT 8011

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-191



80-Hg-191

Incident Energy (MeV)

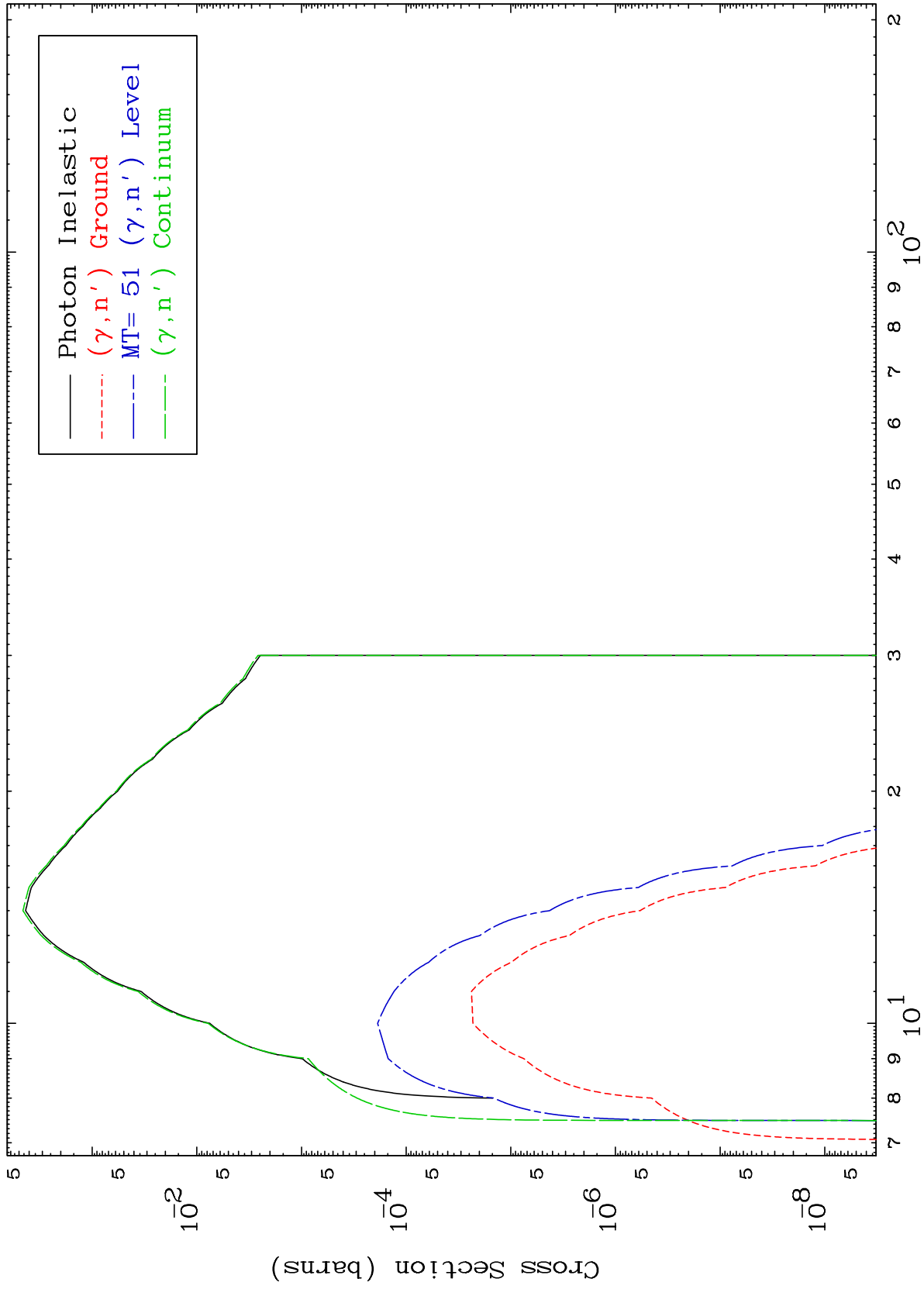
4

MAT 8011

(γ, n') Level

80-Hg-191

0 Kelvin Cross Sections



5

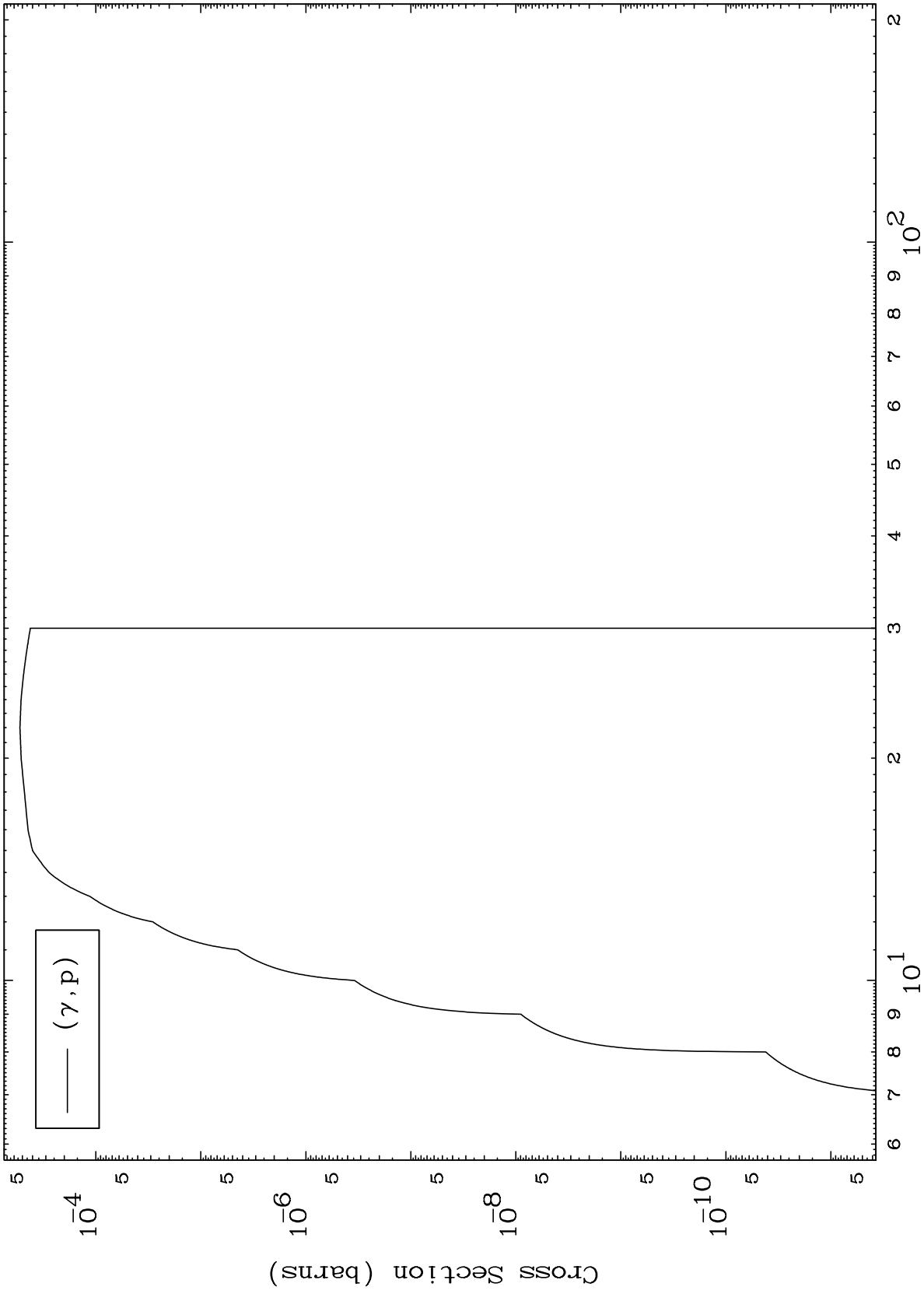
Incident Energy (MeV)

80-Hg-191

MAT 8011

(γ, p) Levels
0 Kelvin Cross Sections

80-Hg-191



6

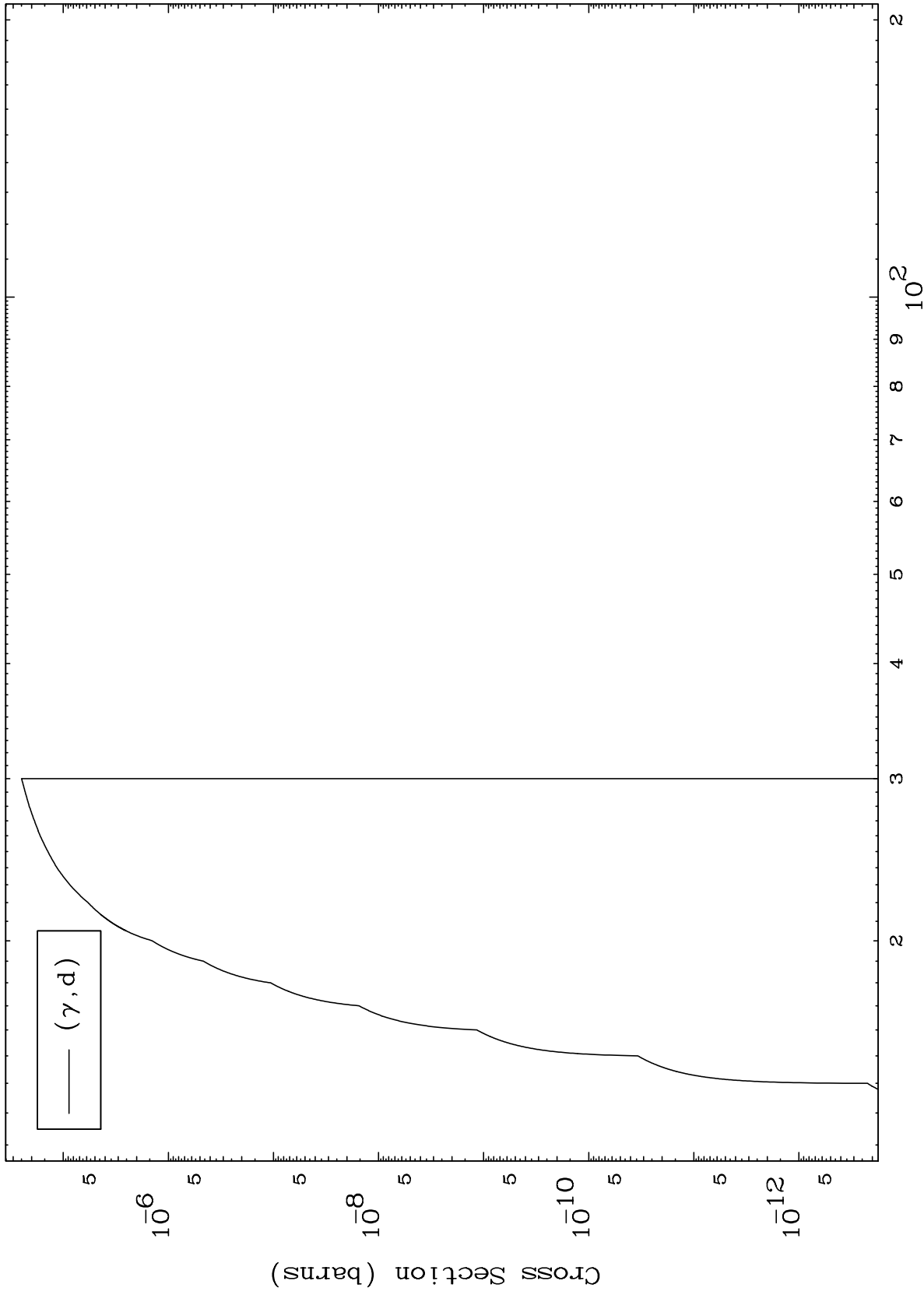
Incident Energy (MeV)

80-Hg-191

MAT 8011

(γ, d) Levels
0 Kelvin Cross Sections

80-Hg-191



7

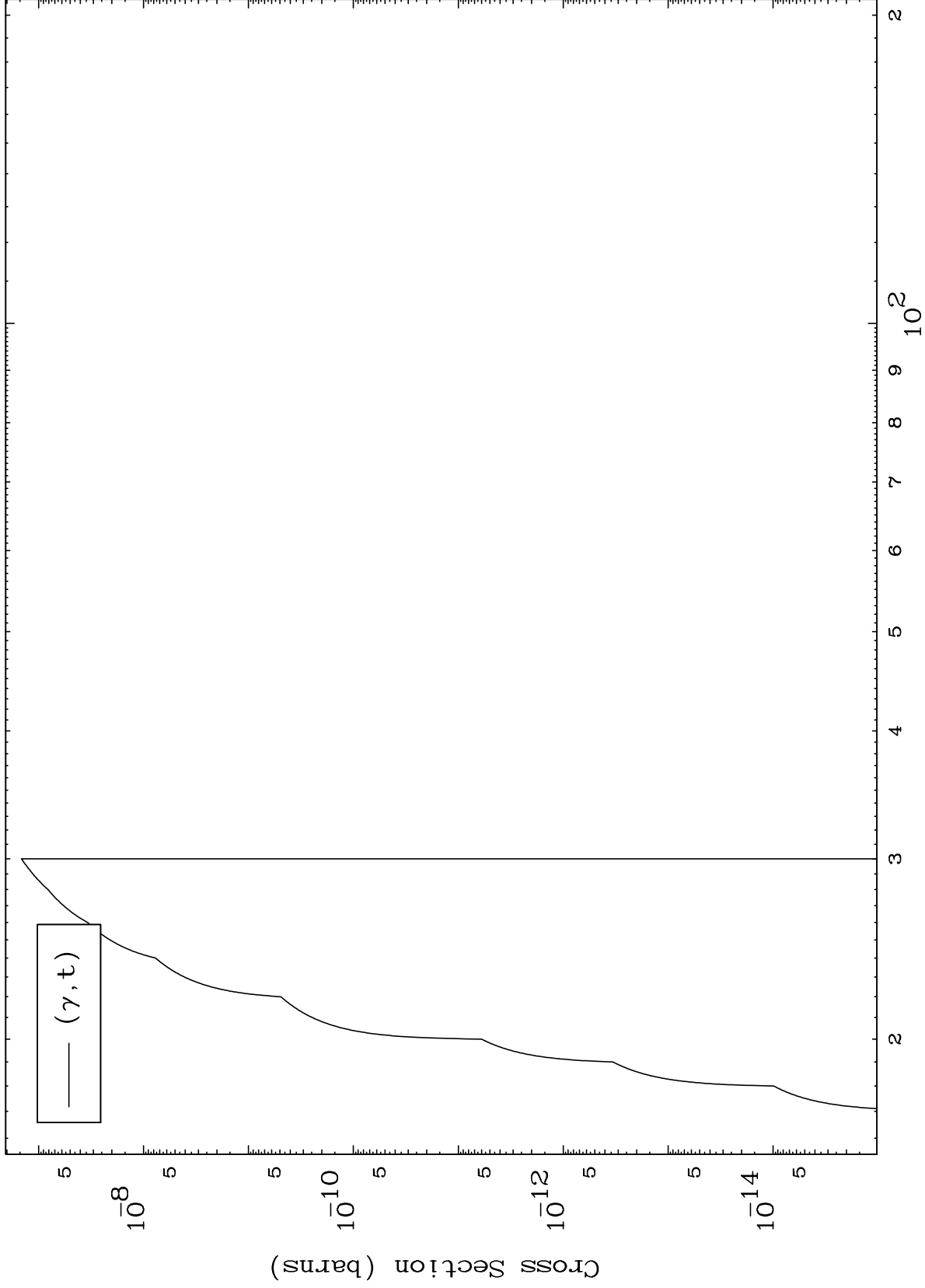
Incident Energy (MeV)

80-Hg-191

MAT 8011

(γ, t) Levels
0 Kelvin Cross Sections

80-Hg-191



8

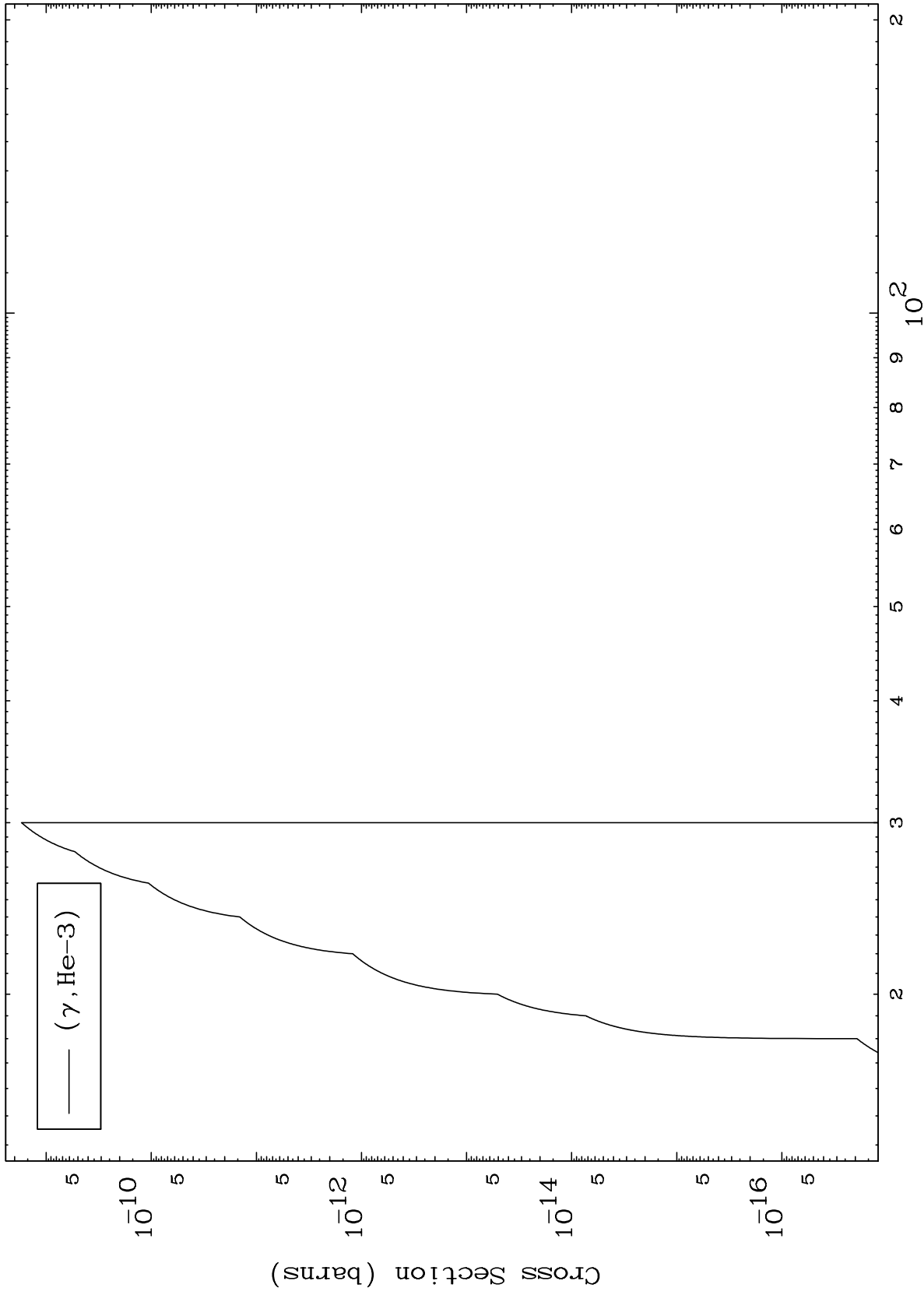
Incident Energy (MeV)

80-Hg-191

MAT 8011

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

80-Hg-191



9

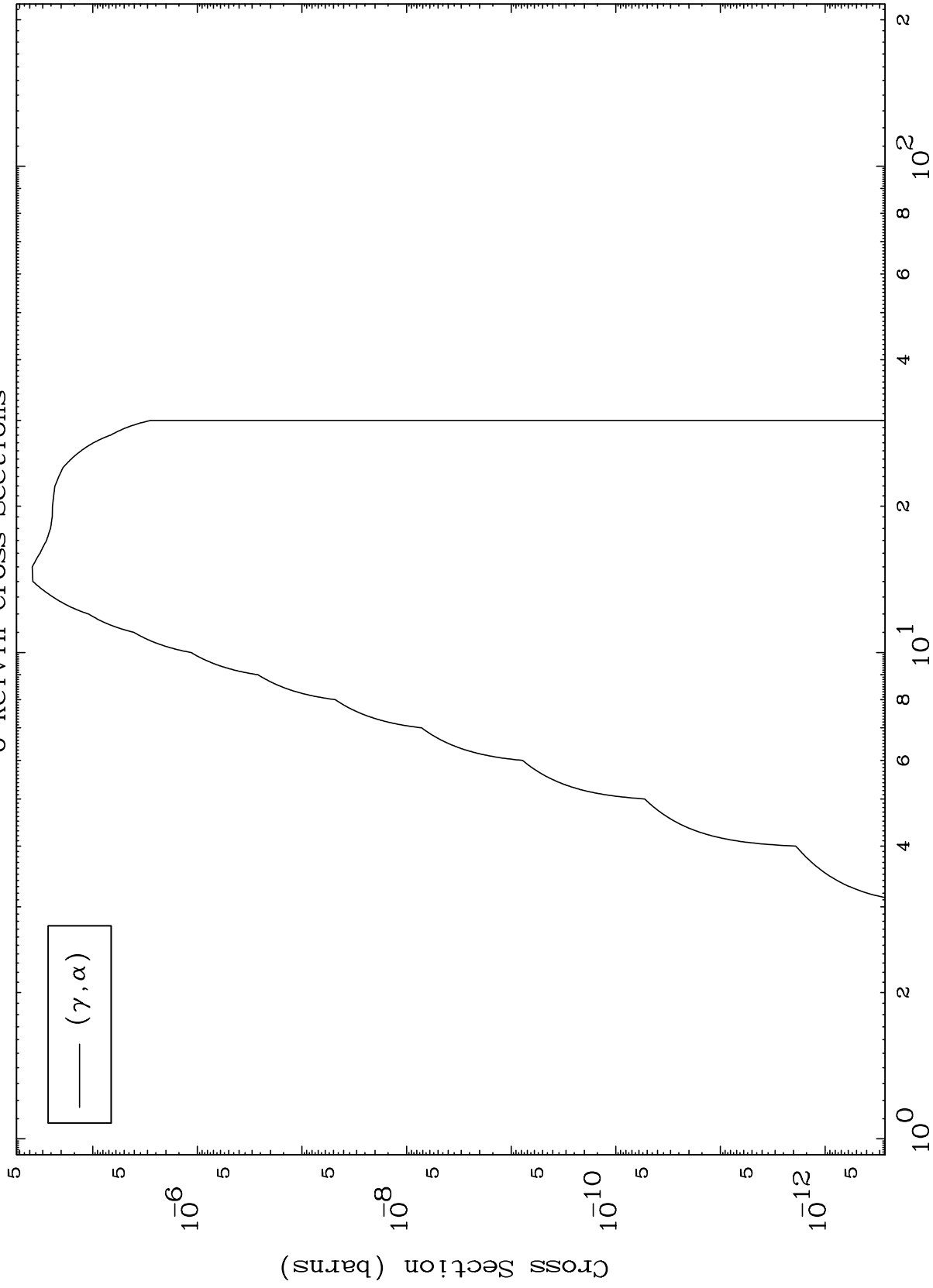
Incident Energy (MeV)

80-Hg-191

MAT 8011

(γ, α) Levels
0 Kelvin Cross Sections

80-Hg-191



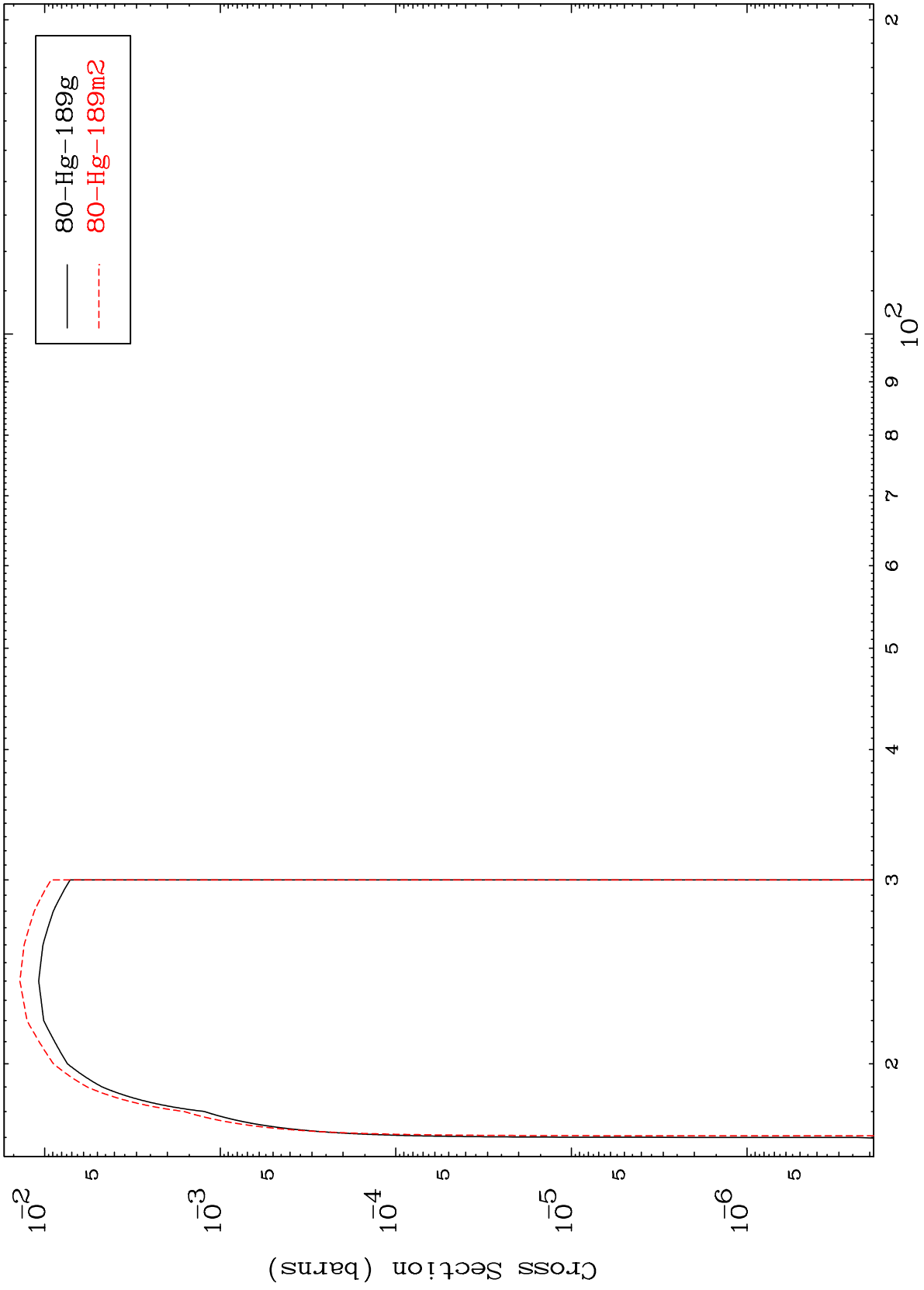
Incident Energy (MeV)

80-Hg-191

MAT 8011

80-Hg-191

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



11

Incident Energy (MeV)

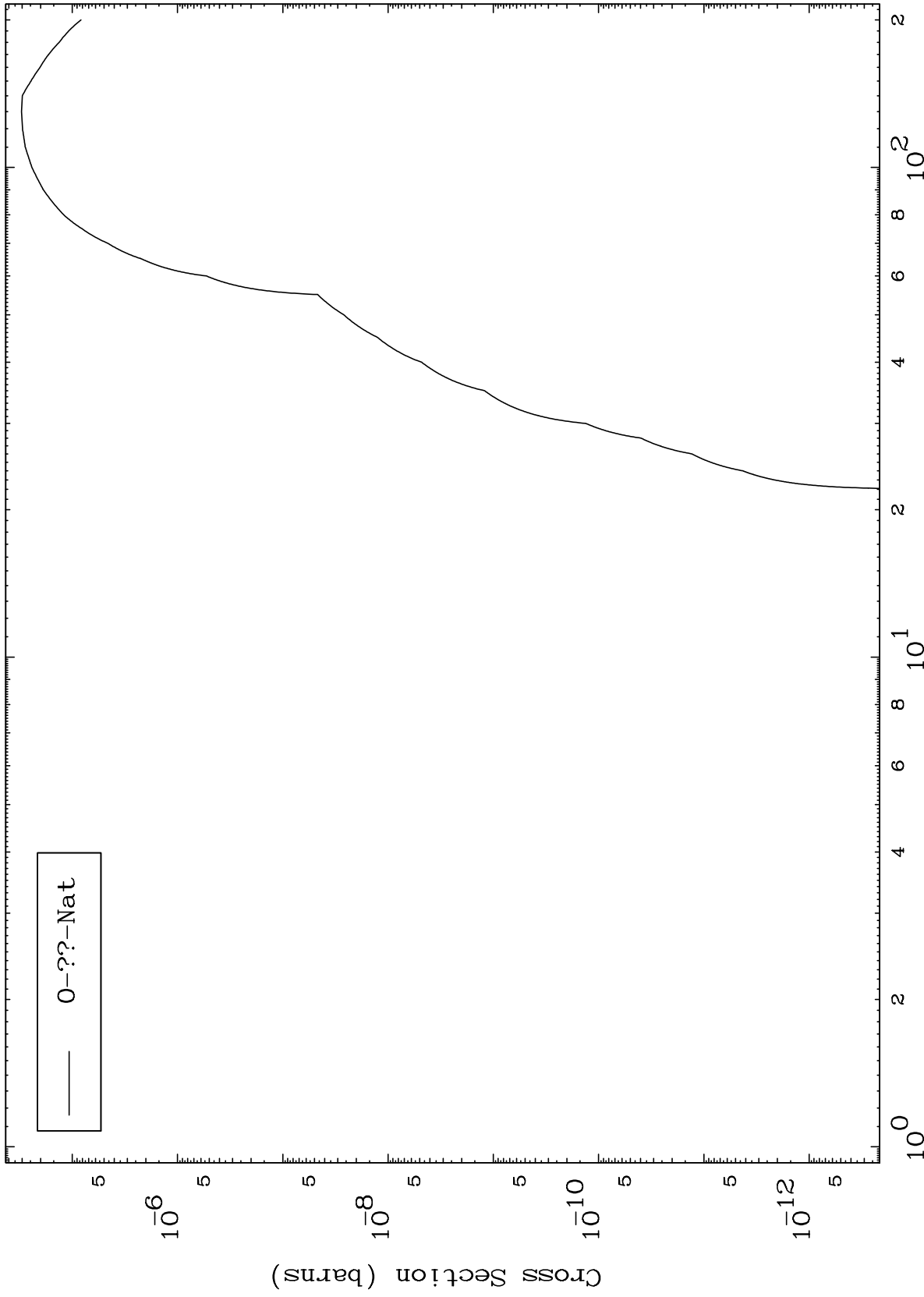
80-Hg-191

MAT 8011

Photon Fission

80-Hg-191

Radionuclide Production Cross Section



Incident Energy (MeV)

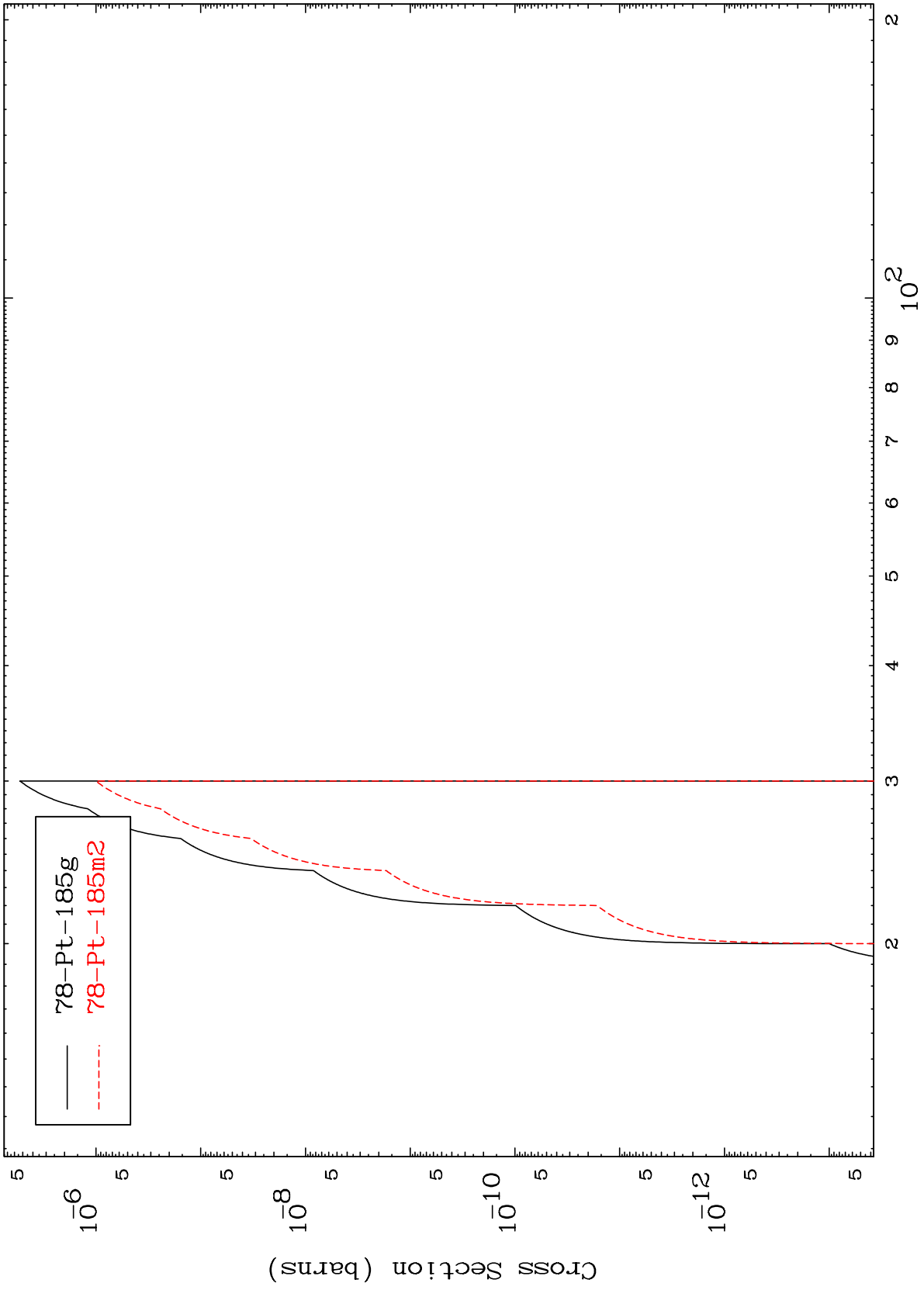
80-Hg-191

MAT 8011

$(\gamma, 2n) \alpha$

80-Hg-191

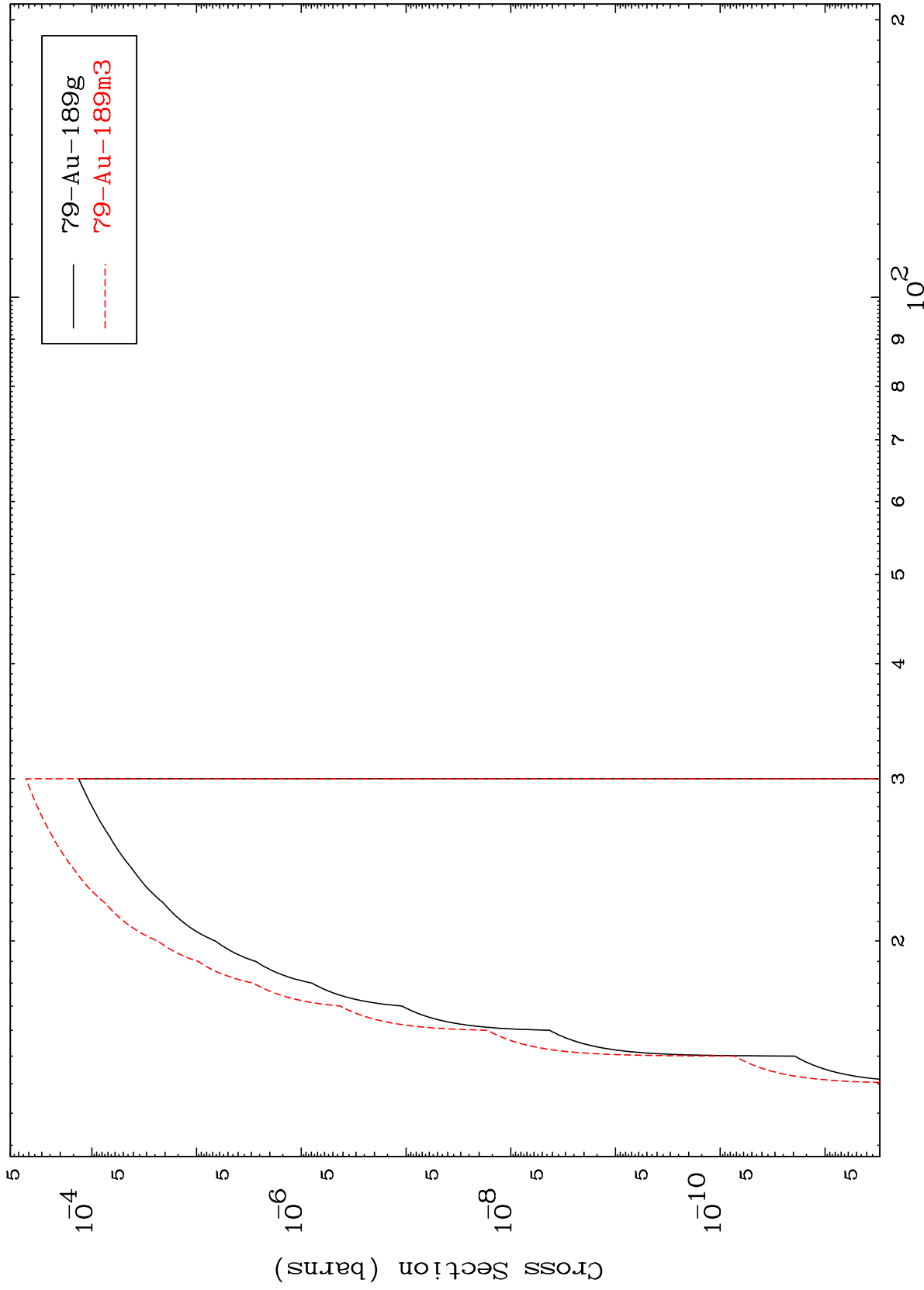
Radionuclide Production Cross Section



MAT 8011

80-Hg-191

(γ, n') p
Radionuclide Production Cross Section



14

Incident Energy (MeV)

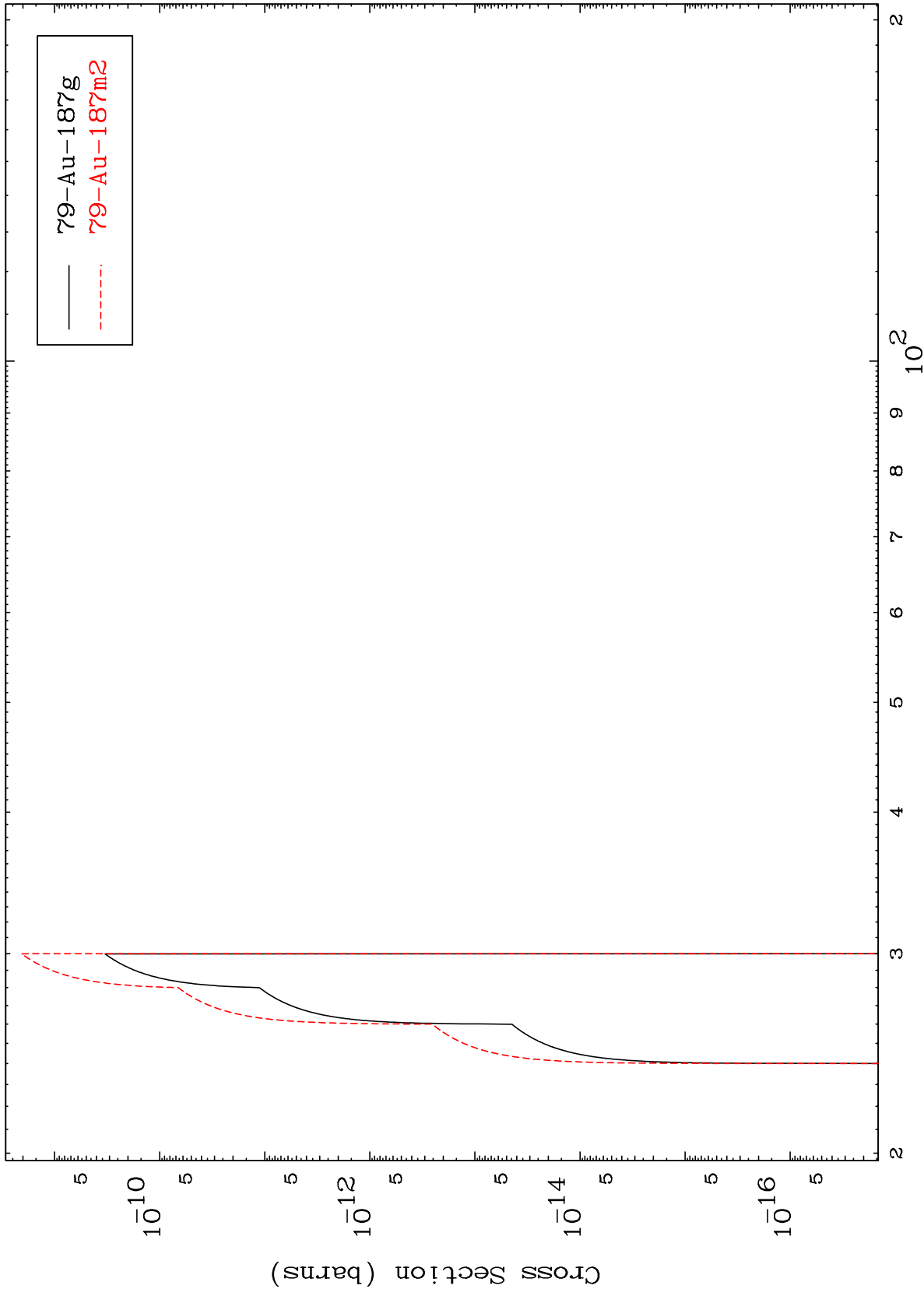
80-Hg-191

MAT 8011

(γ, n') t

80-Hg-191

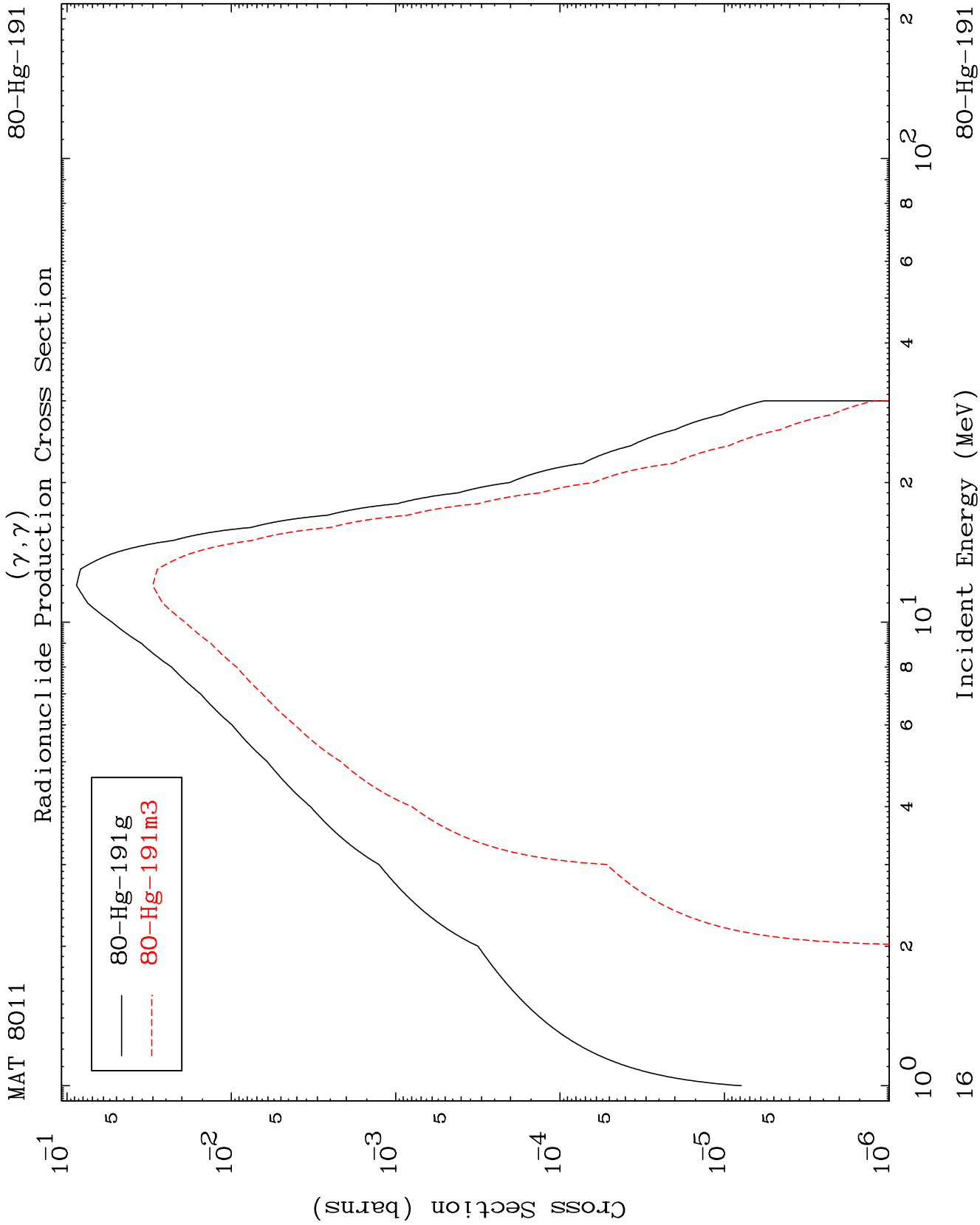
Radionuclide Production Cross Section



15

Incident Energy (MeV)

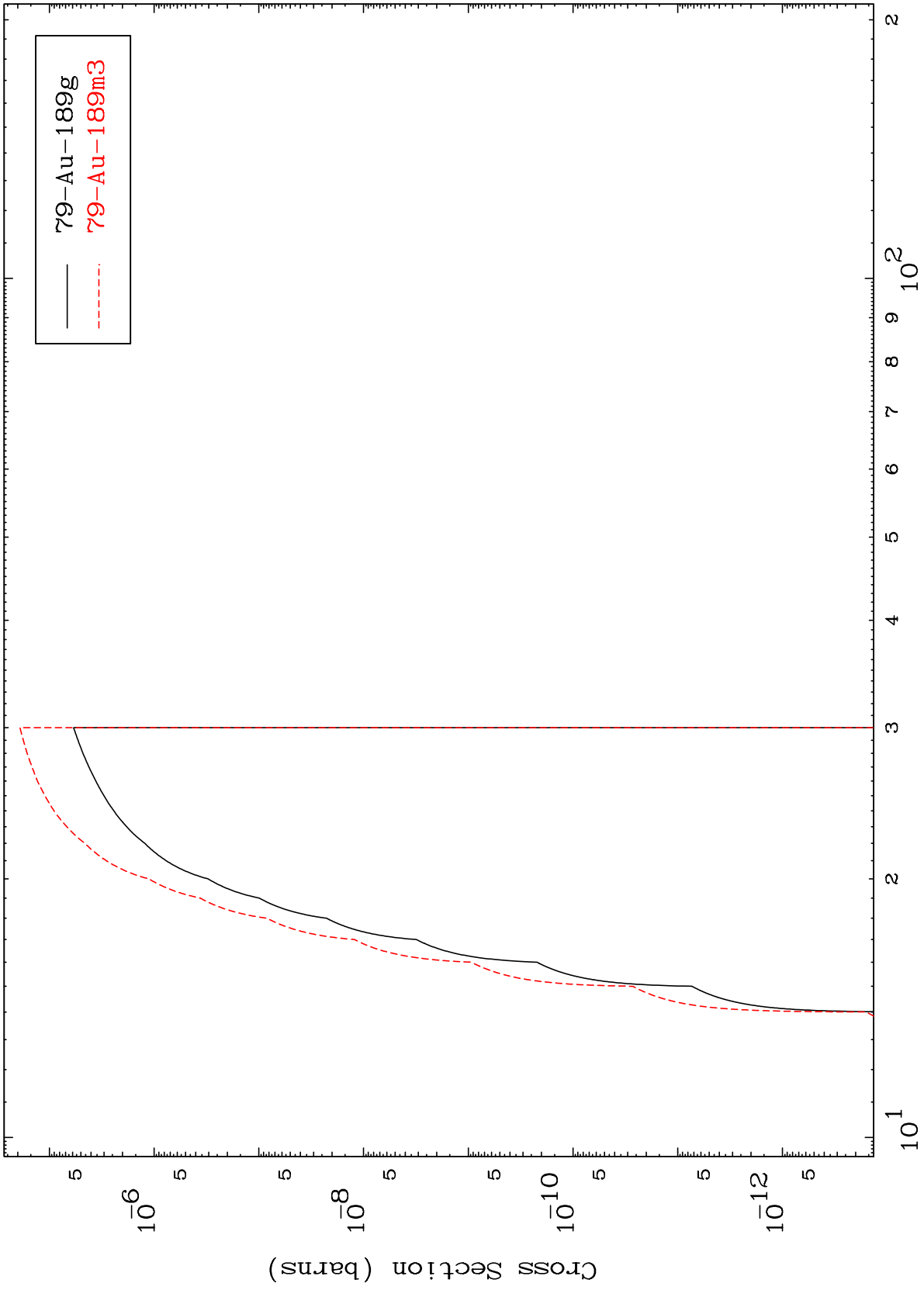
80-Hg-191



MAT 8011

80-Hg-191

(γ, d)
Radionuclide Production Cross Section



80-Hg-191

Incident Energy (MeV)

10¹

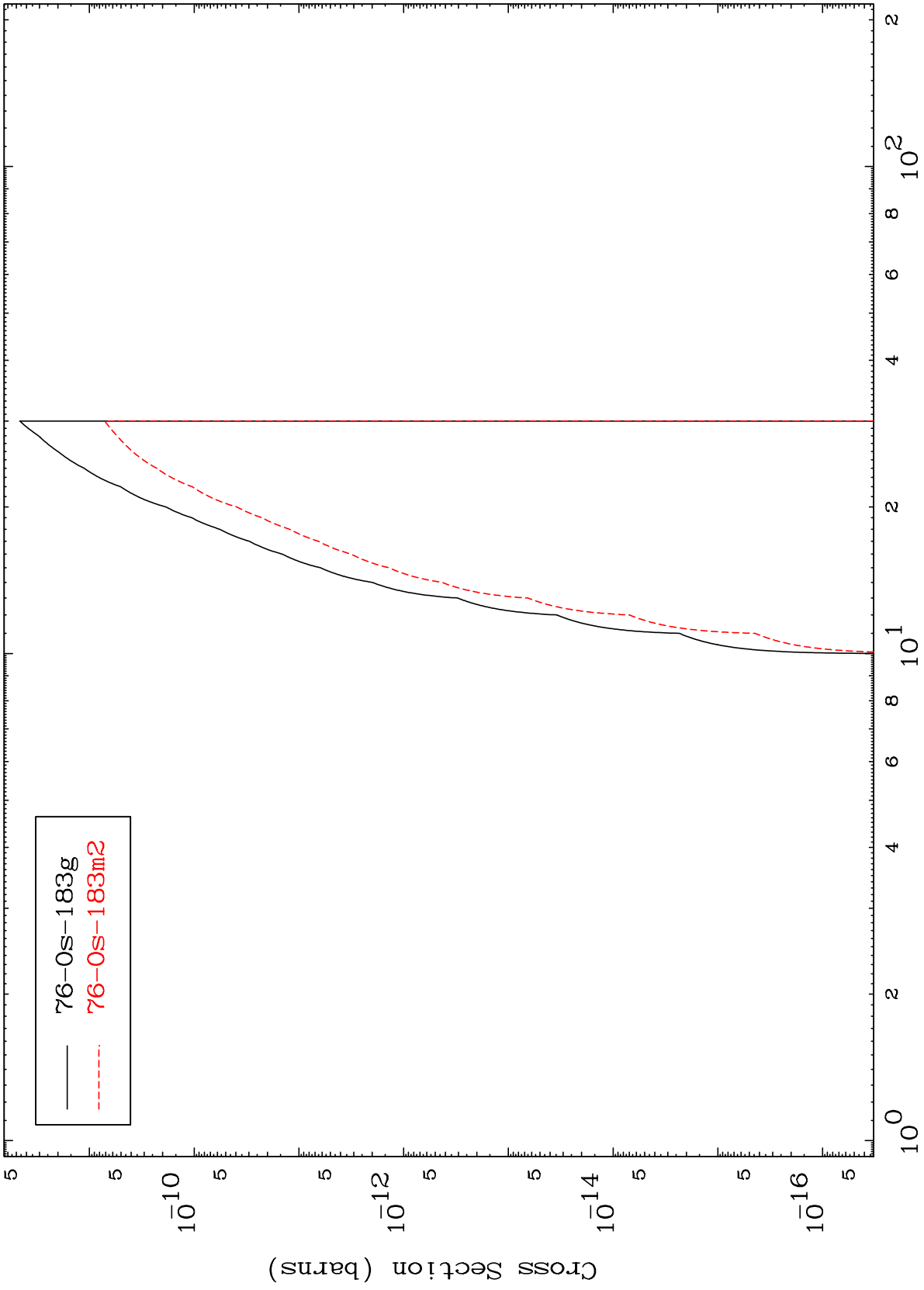
10²

MAT 8011

($\gamma, 2\alpha$)

80-Hg-191

Radionuclide Production Cross Section



18

Incident Energy (MeV)

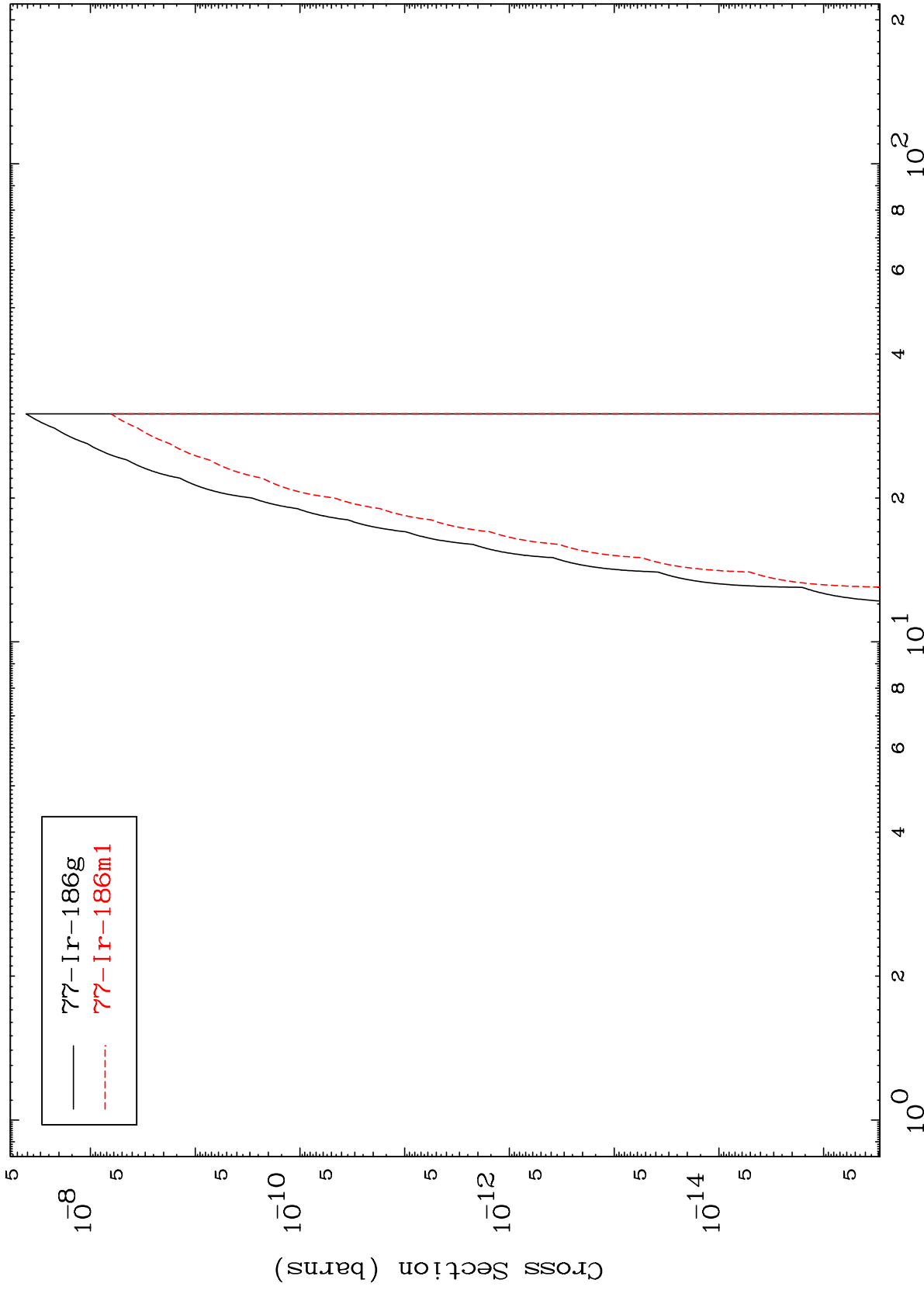
80-Hg-191

MAT 8011

(γ, p) α

80-Hg-191

Radionuclide Production Cross Section



19

Incident Energy (MeV)

80-Hg-191