

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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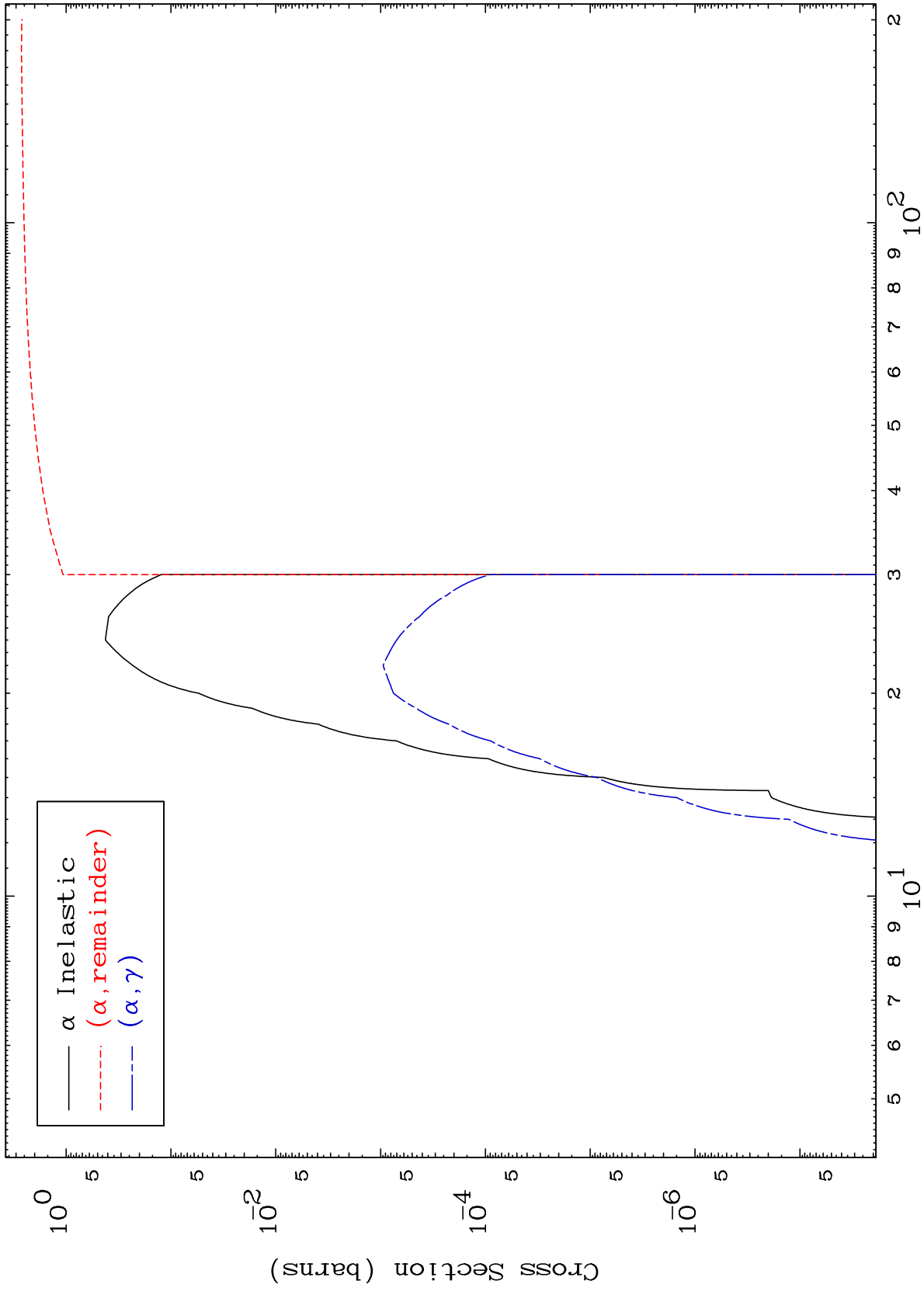
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8011

0 Kelvin α Major
Cross Sections

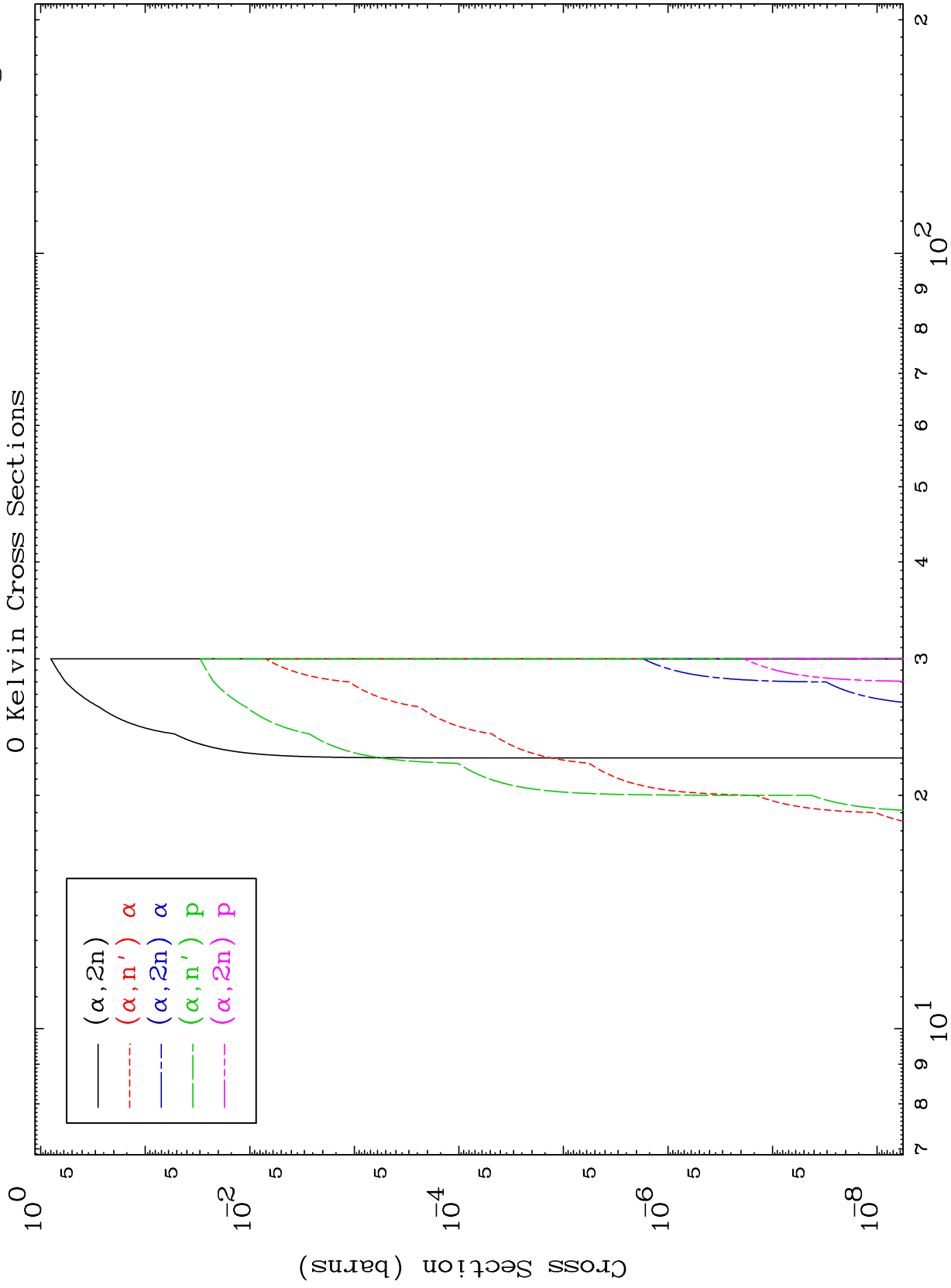
80-Hg-191



MAT 8011

α Neutron Production
0 Kelvin Cross Sections

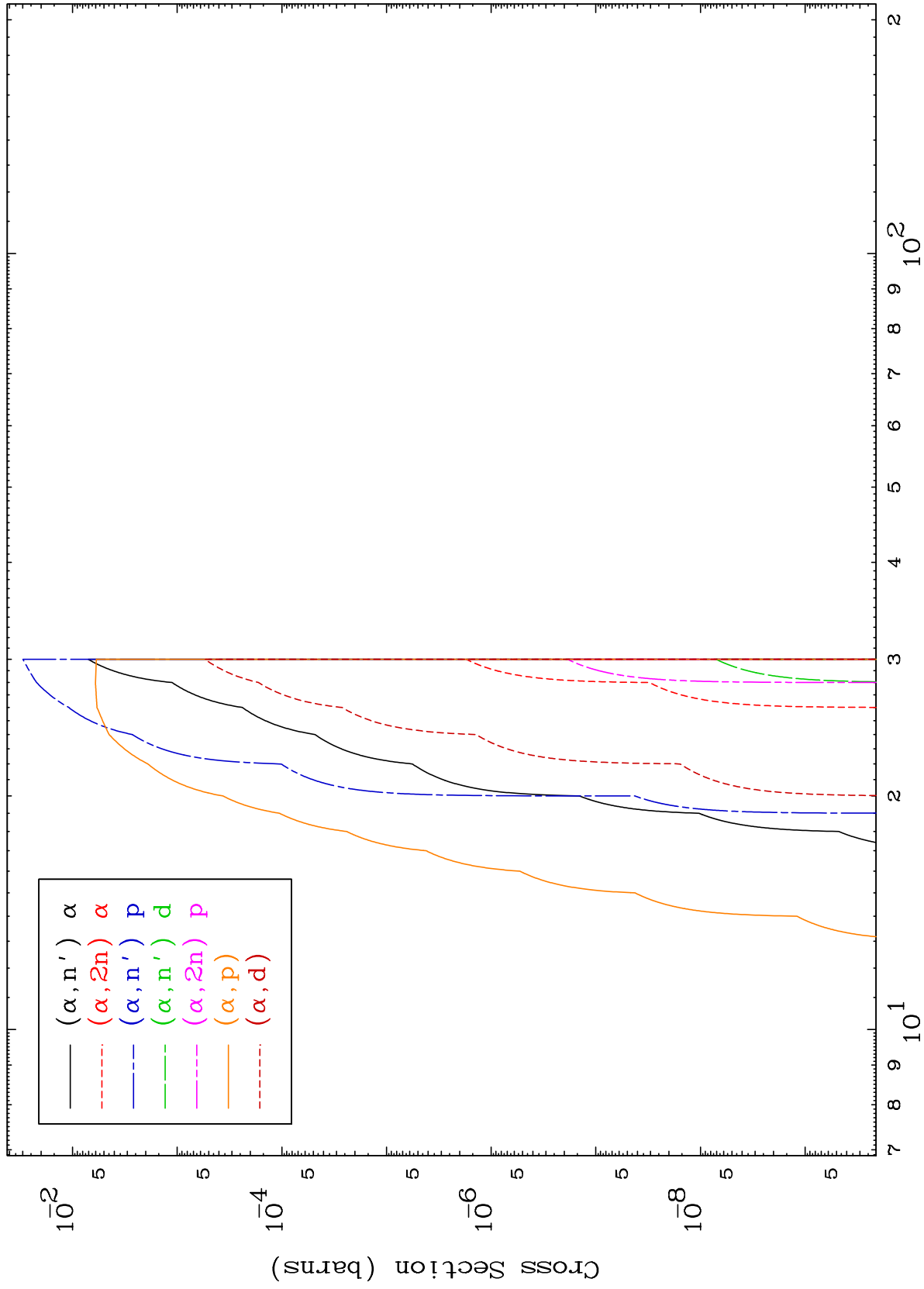
80-Hg-191



2

Incident Energy (MeV)

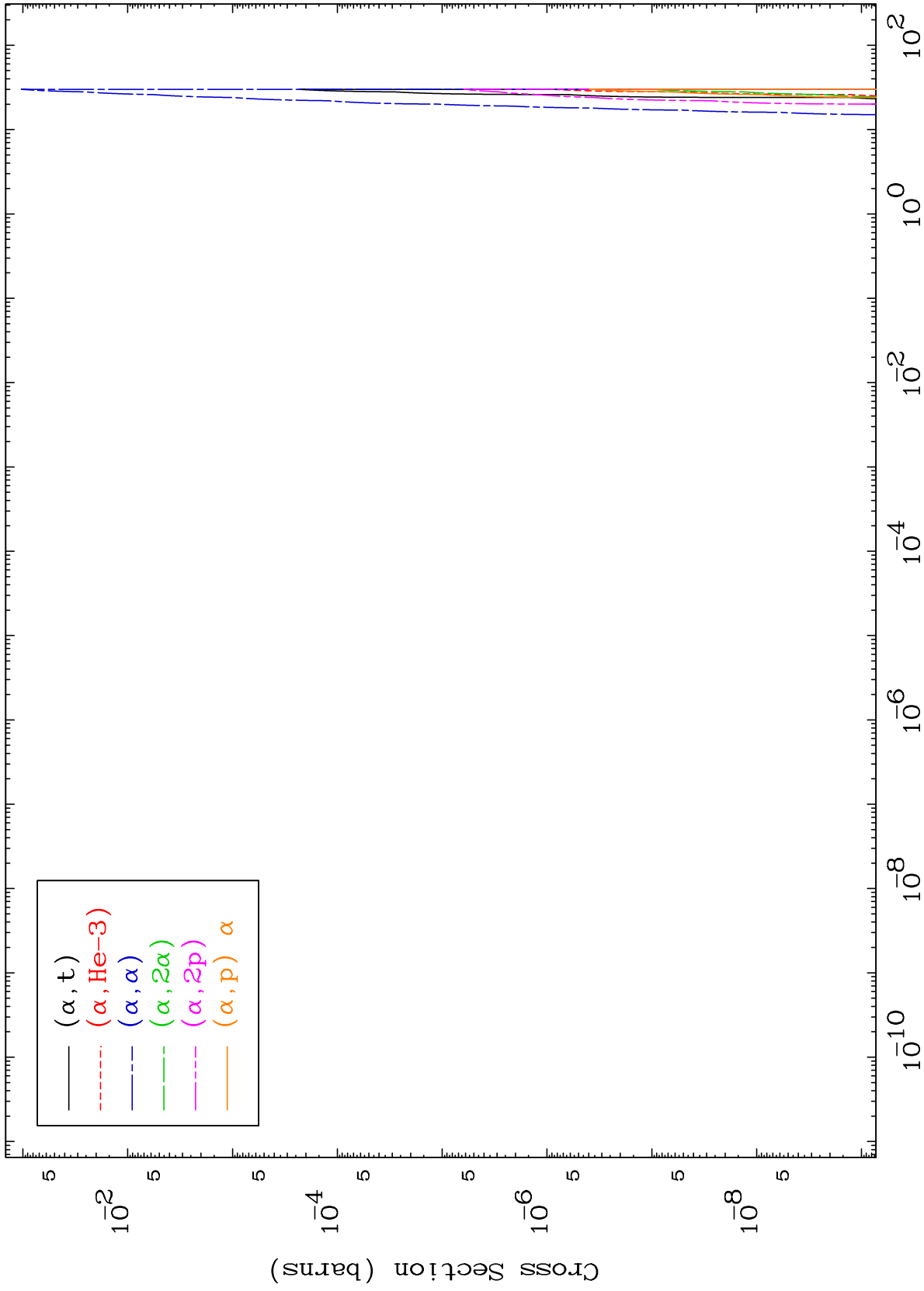
80-Hg-191



MAT 8011

α Charged Particle
0 Kelvin Cross Sections

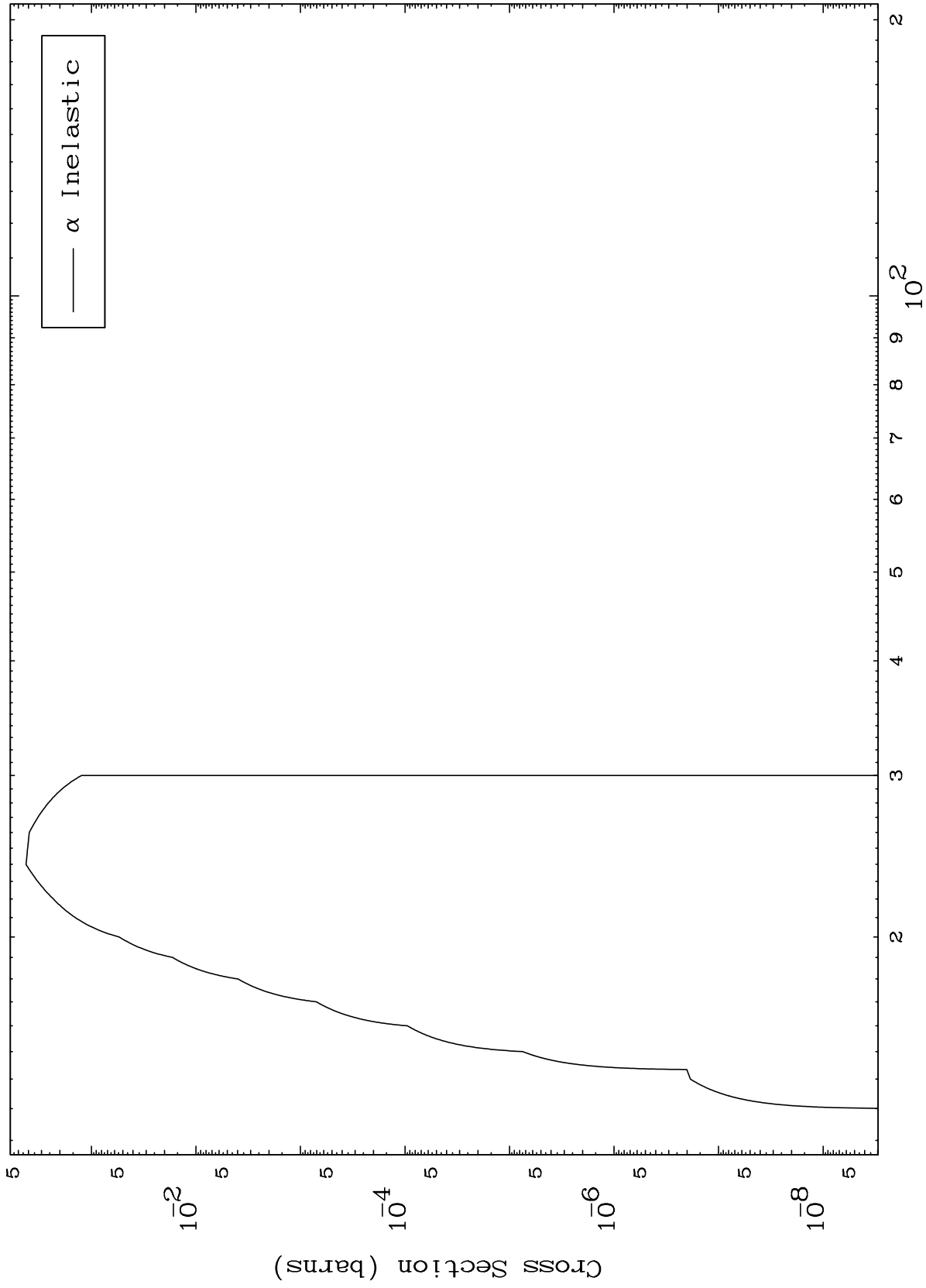
80-Hg-191



MAT 8011

(α, n') Level
0 Kelvin Cross Sections

80-Hg-191



5

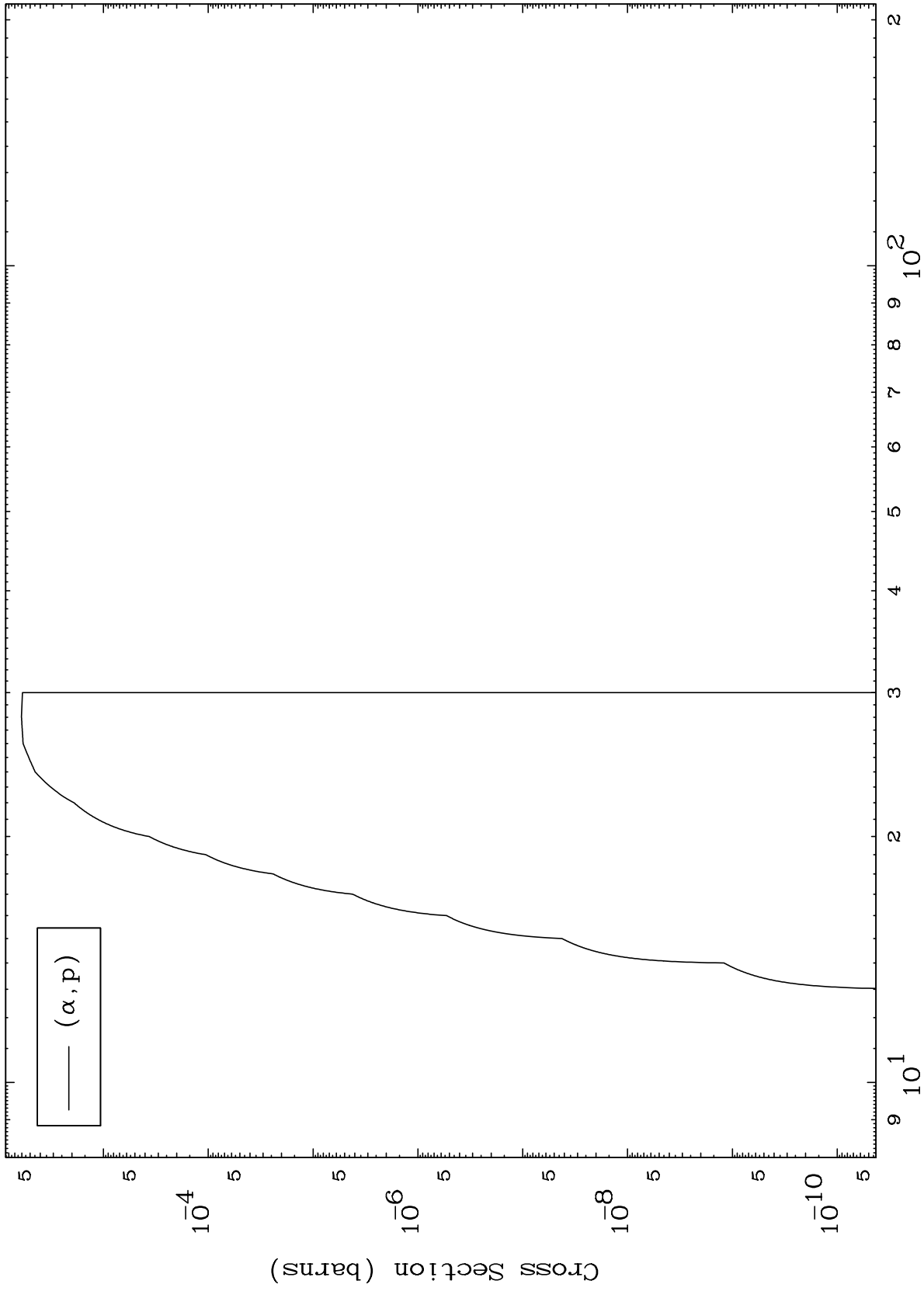
Incident Energy (MeV)

80-Hg-191

MAT 8011

(α, p) Levels
0 Kelvin Cross Sections

80-Hg-191



6

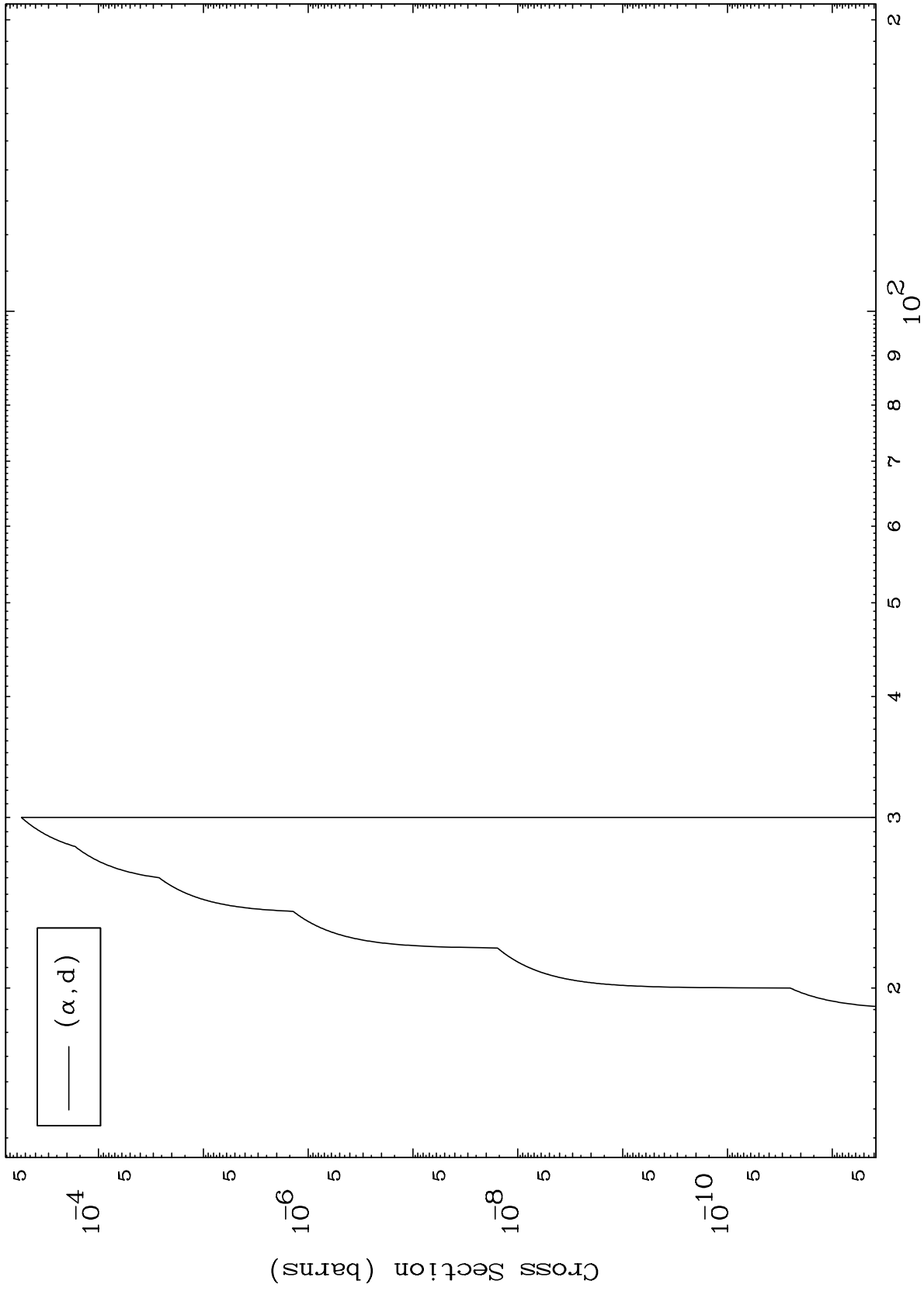
Incident Energy (MeV)

80-Hg-191

MAT 8011

(α, d) Levels
0 Kelvin Cross Sections

80-Hg-191



7

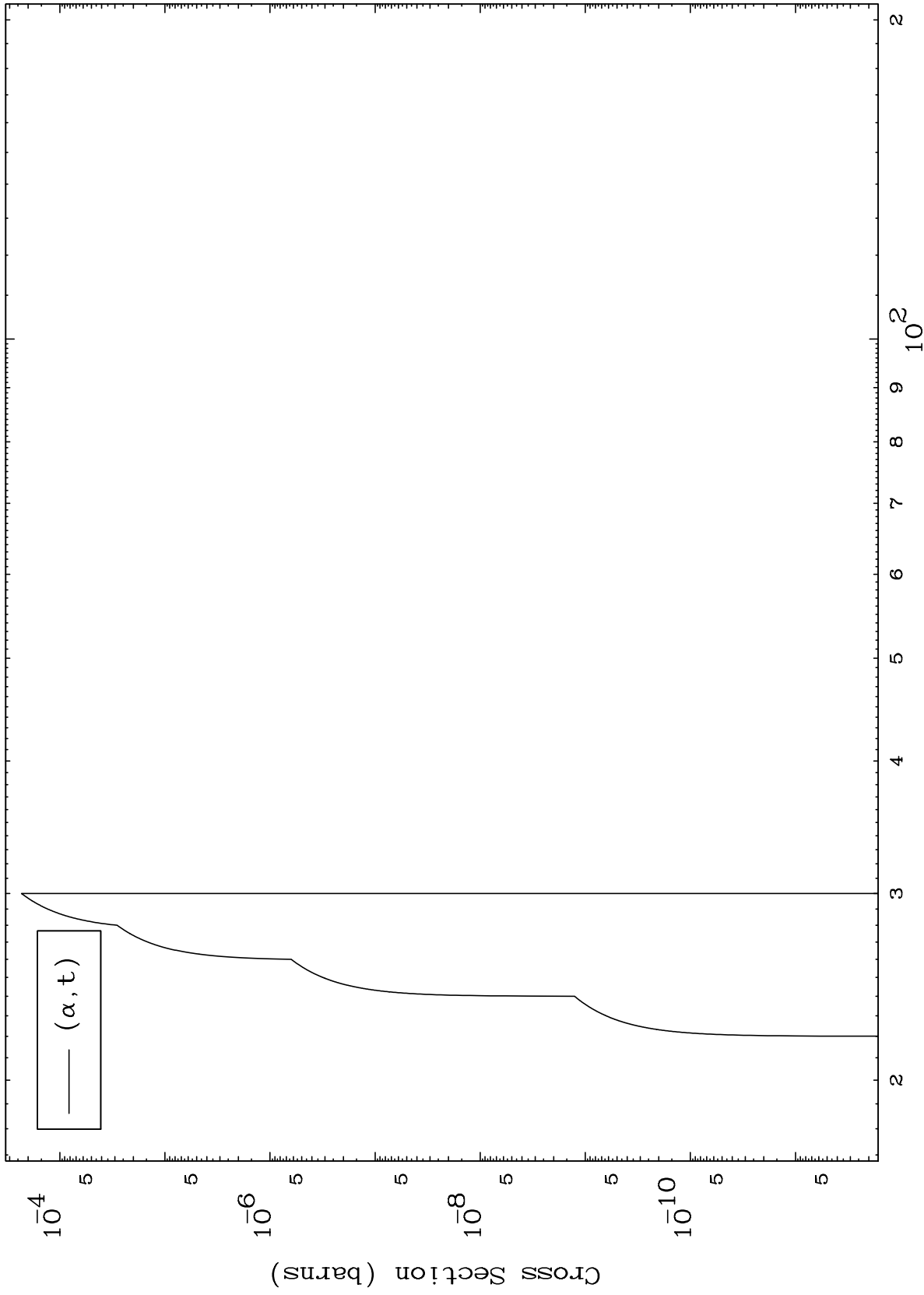
Incident Energy (MeV)

80-Hg-191

MAT 8011

(α, t) Levels
0 Kelvin Cross Sections

80-Hg-191



8

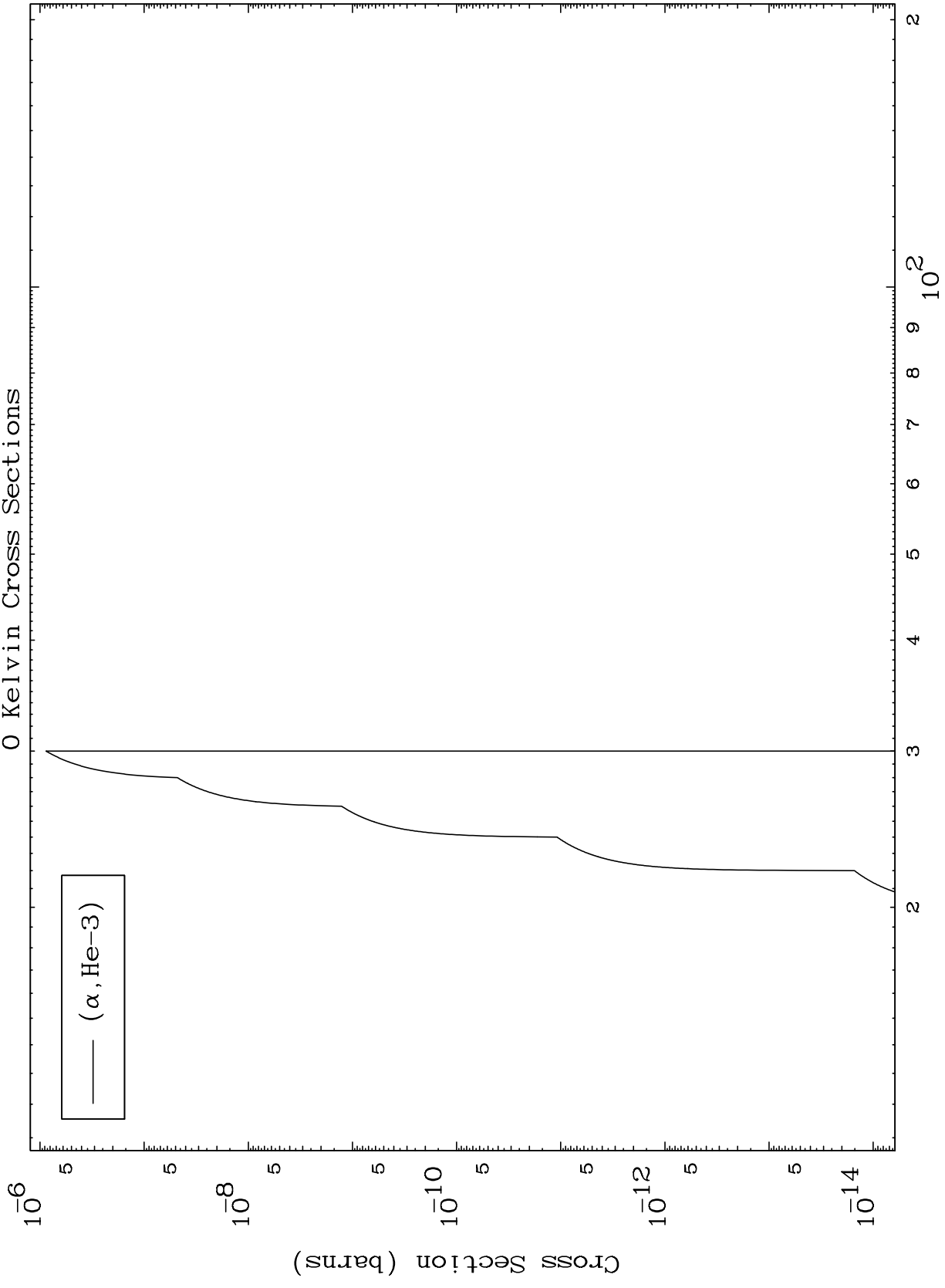
Incident Energy (MeV)

80-Hg-191

MAT 8011

(α ,He3) Levels
0 Kelvin Cross Sections

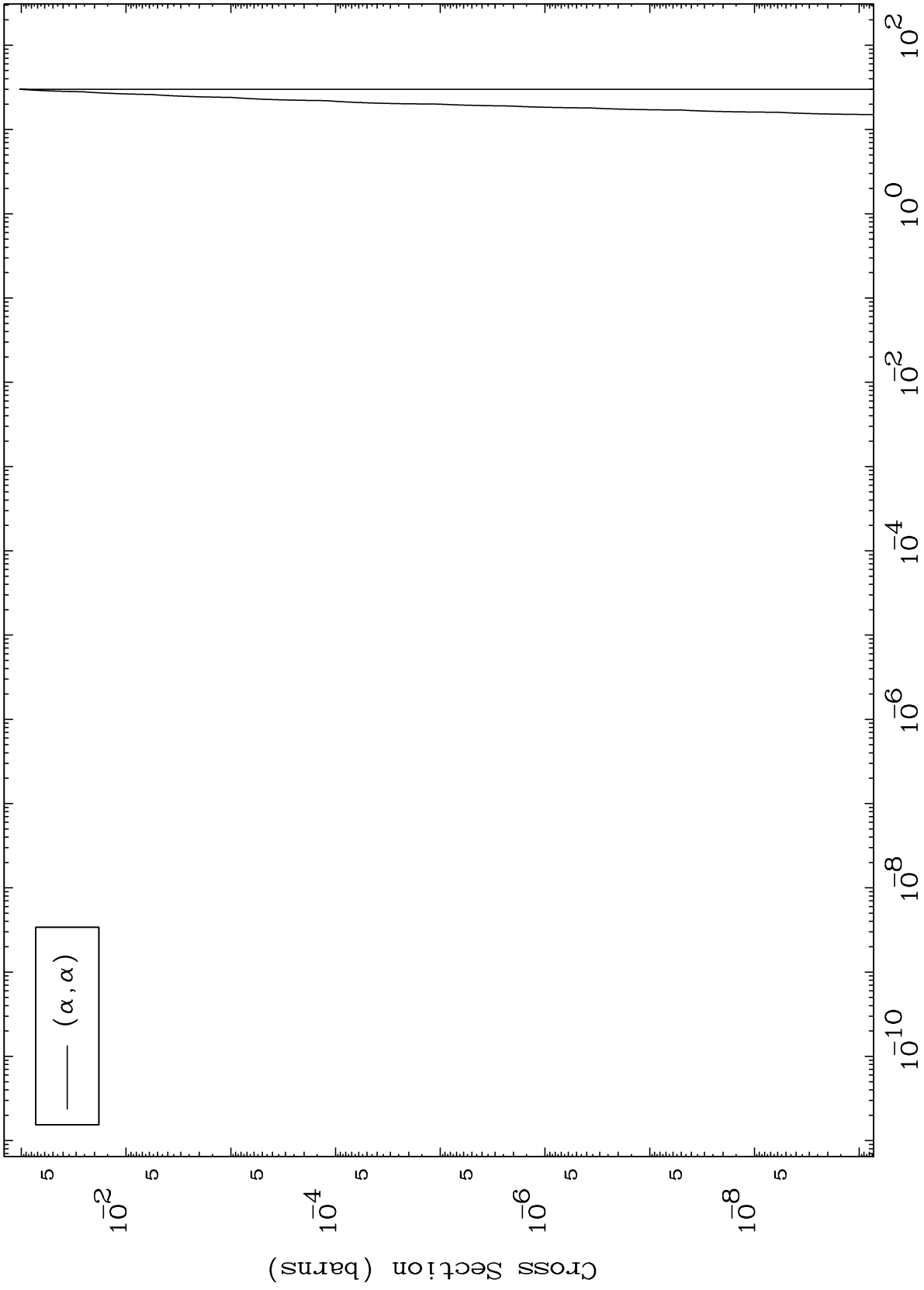
80-Hg-191



MAT 8011

(α, α) Levels
0 Kelvin Cross Sections

80-Hg-191



10

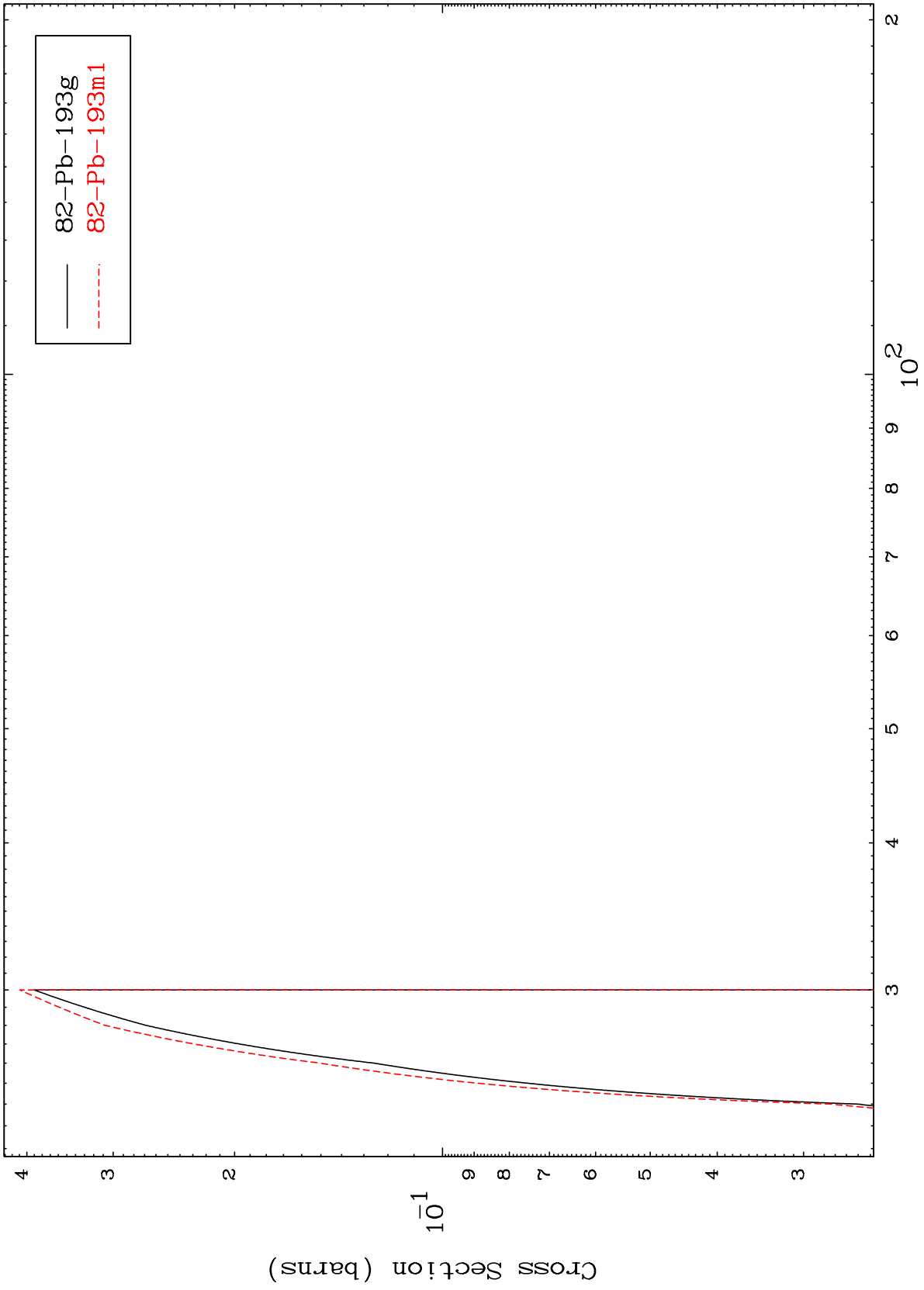
Incident Energy (MeV)

80-Hg-191

MAT 8011

80-Hg-191

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



11

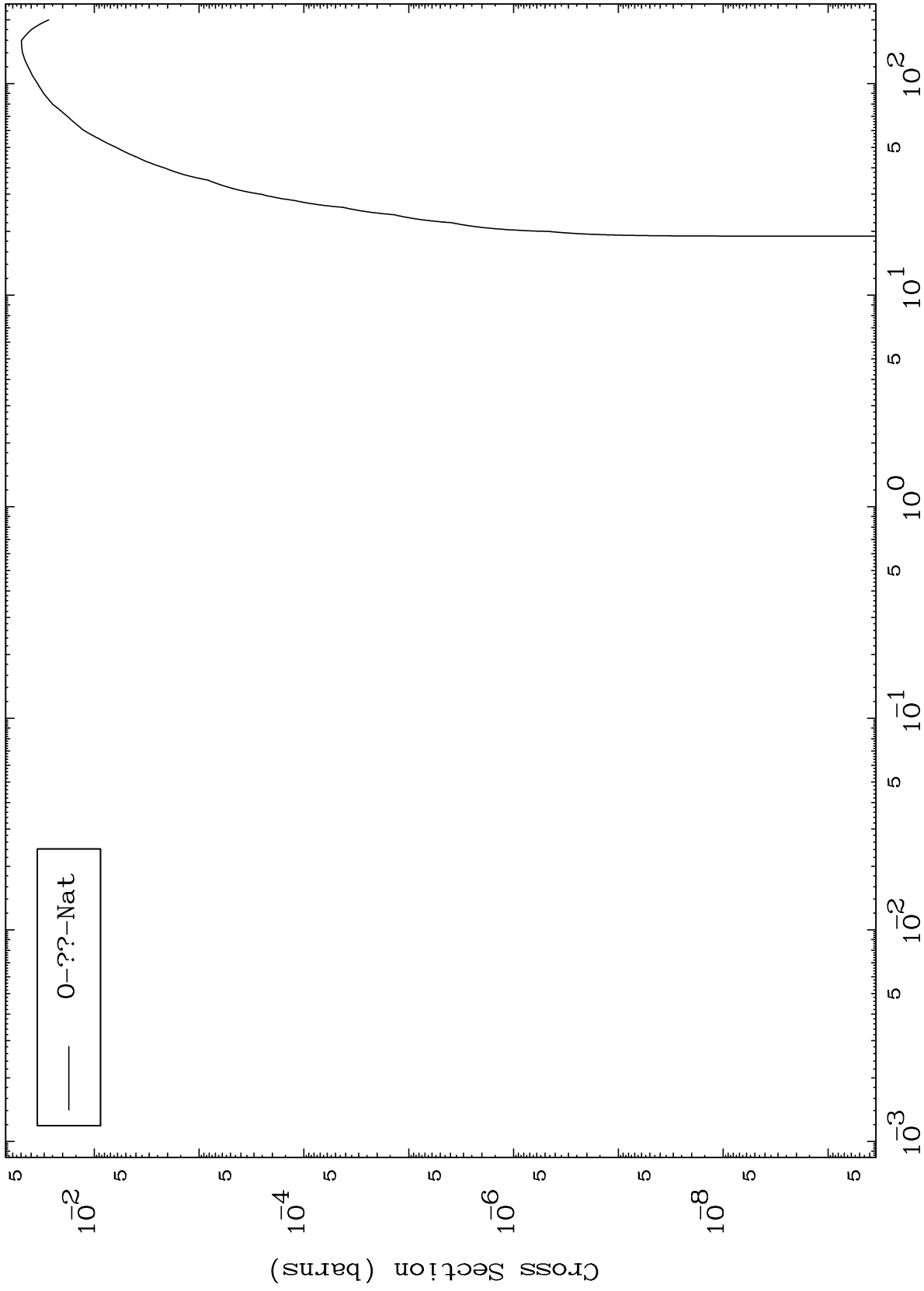
Incident Energy (MeV)

80-Hg-191

MAT 8011

α Fission
Radionuclide Production Cross Section

80-Hg-191



12

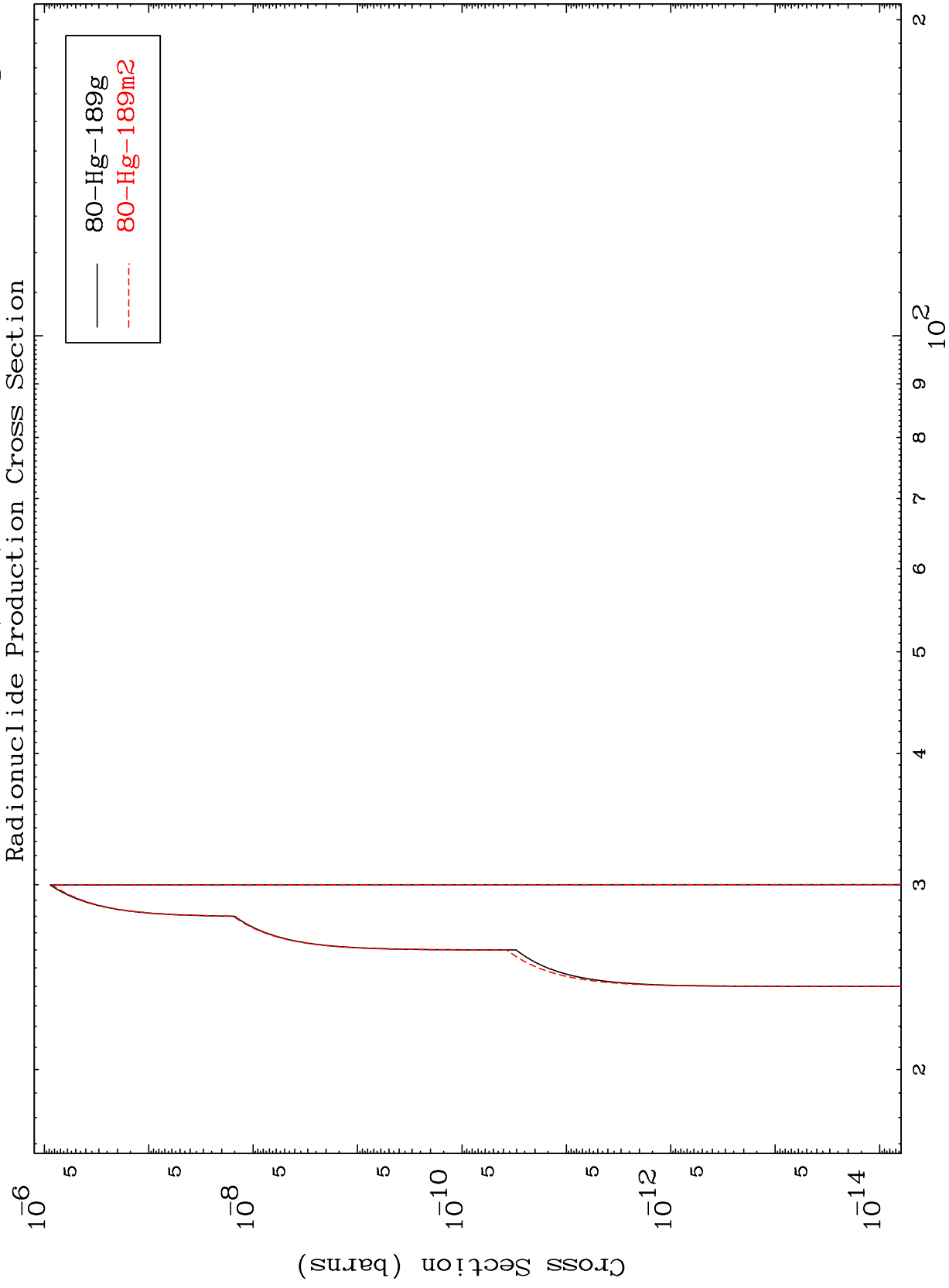
Incident Energy (MeV)

80-Hg-191

MAT 8011

$(\alpha, 2n) \alpha$

80-Hg-191



13

Incident Energy (MeV)

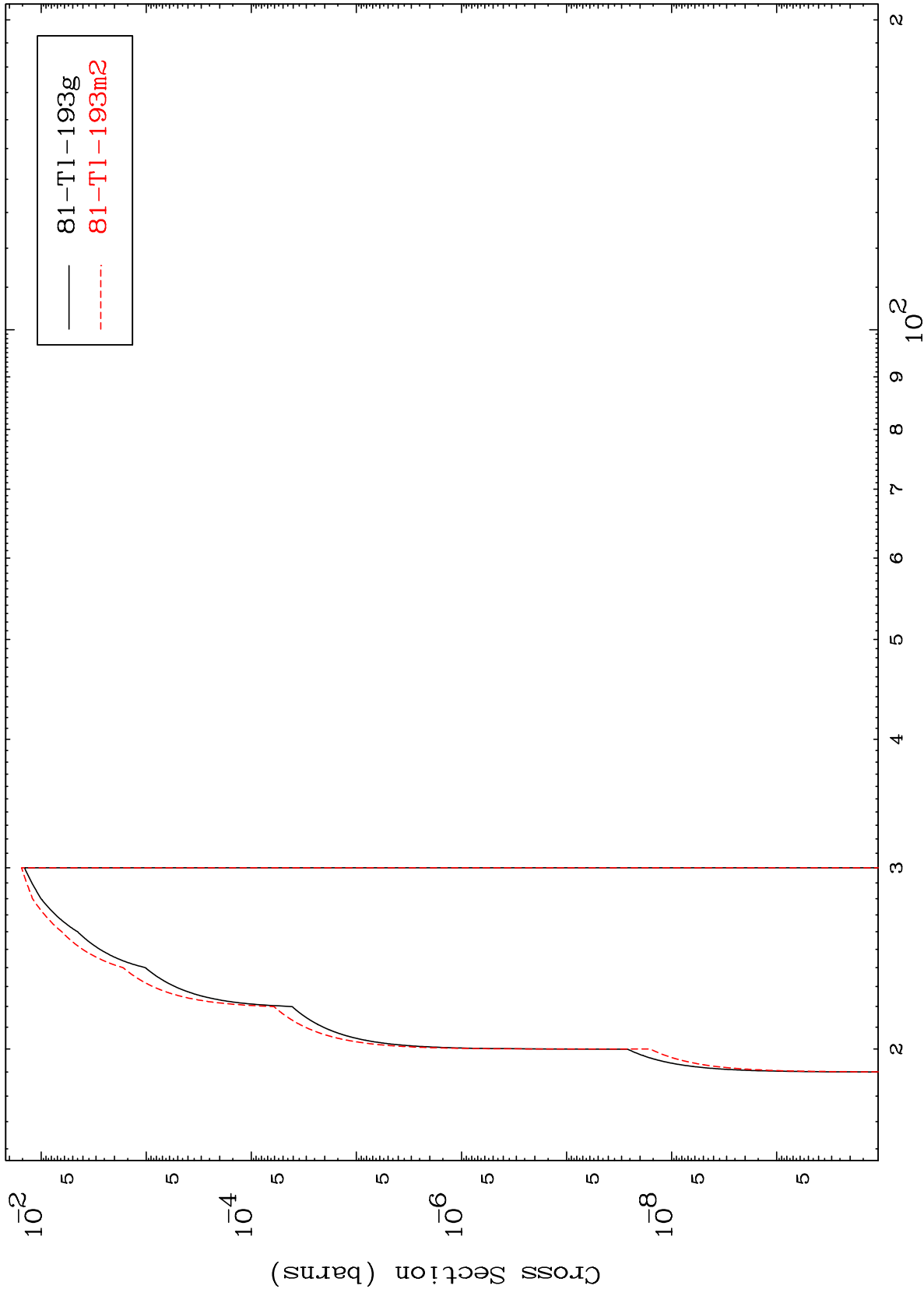
80-Hg-191

MAT 8011

(α, n') p

80-Hg-191

Radionuclide Production Cross Section



14

Incident Energy (MeV)

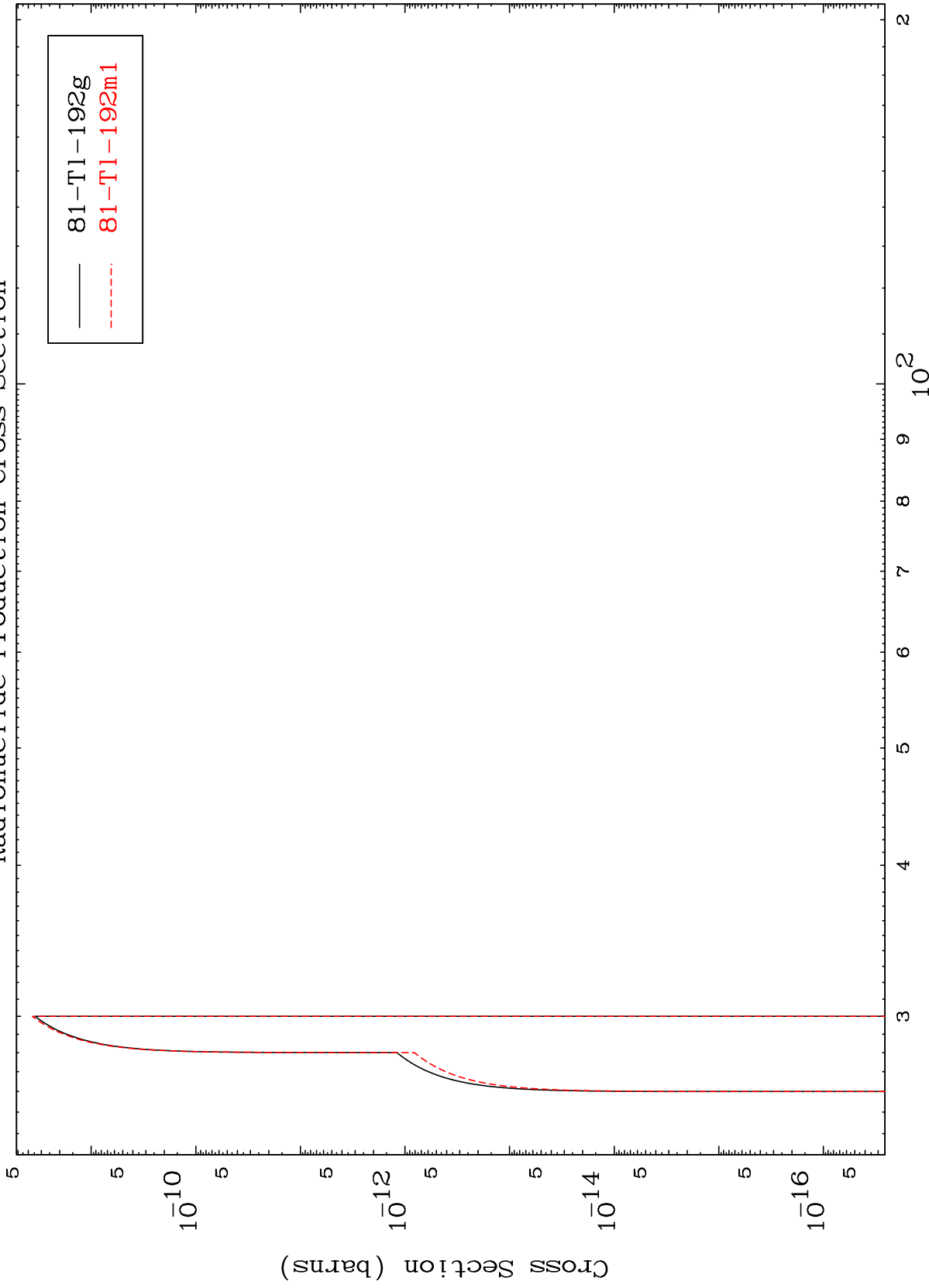
80-Hg-191

MAT 8011

(α, n') d

80-Hg-191

Radionuclide Production Cross Section



15

Incident Energy (MeV)

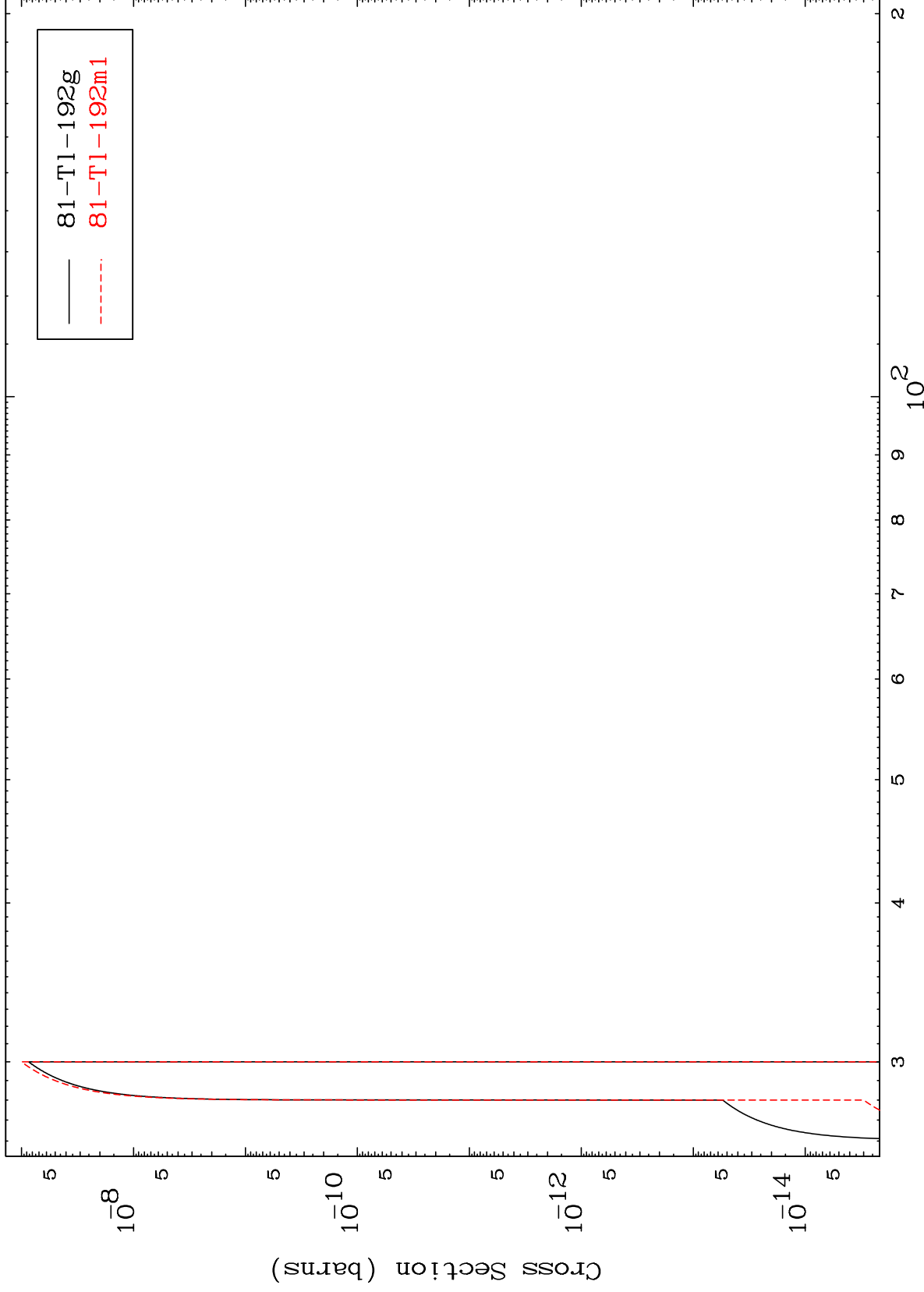
80-Hg-191

MAT 8011

($\alpha, 2n$) p

80-Hg-191

Radionuclide Production Cross Section



16

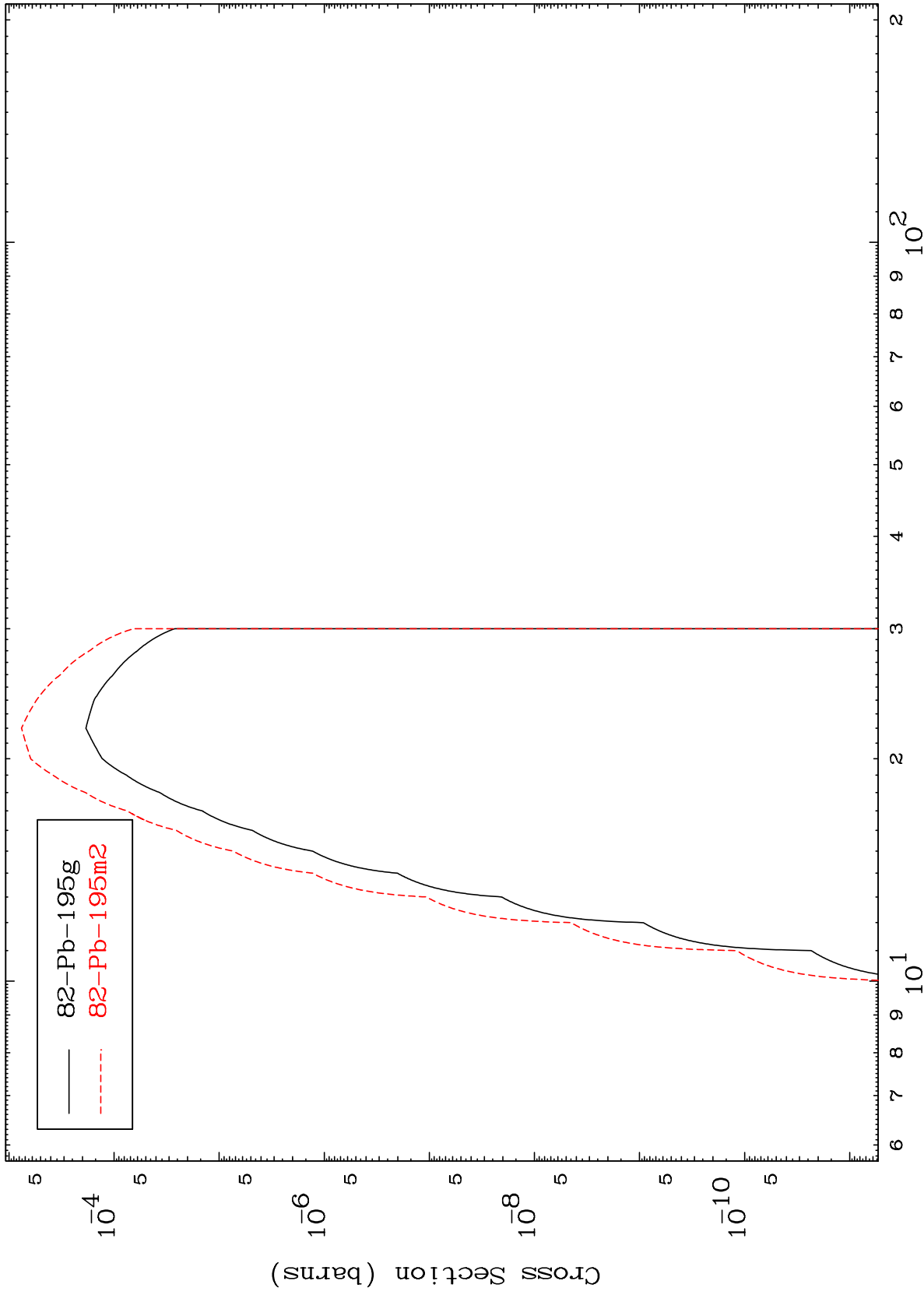
Incident Energy (MeV)

80-Hg-191

MAT 8011

80-Hg-191

(α, γ)
Radionuclide Production Cross Section



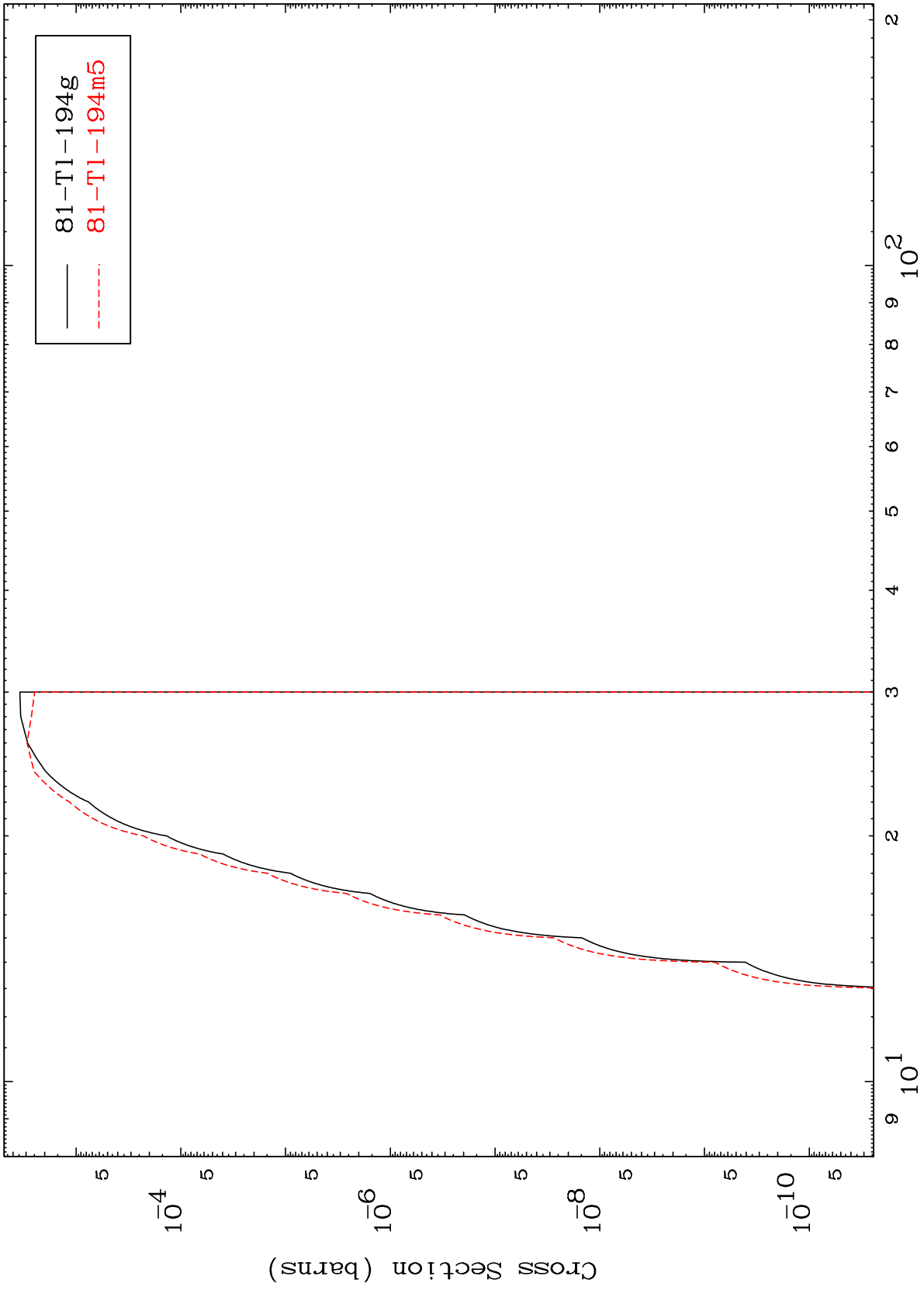
17

80-Hg-191

MAT 8011

80-Hg-191

(α, p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

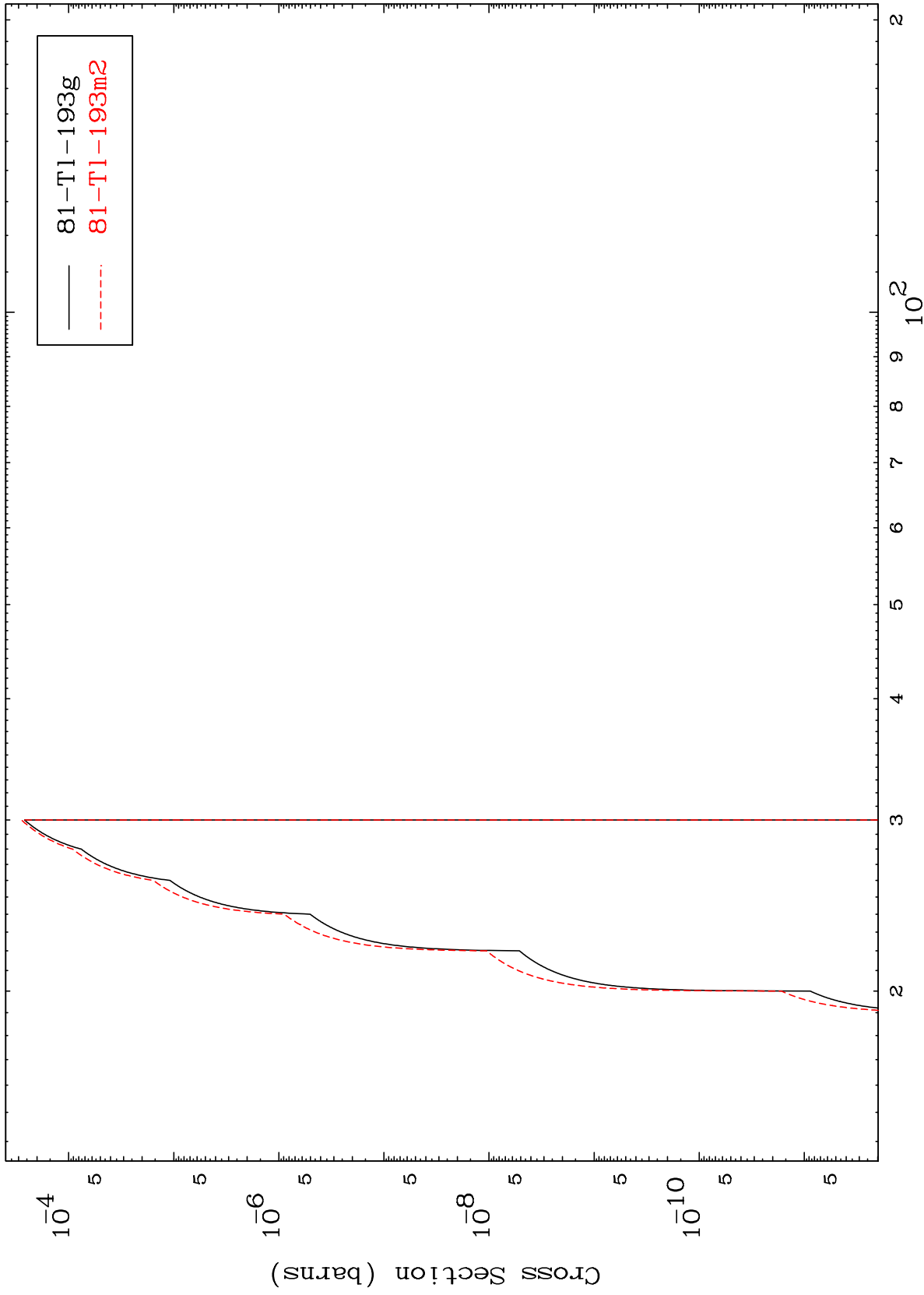
80-Hg-191

MAT 8011

(α, d)

80-Hg-191

Radionuclide Production Cross Section



19

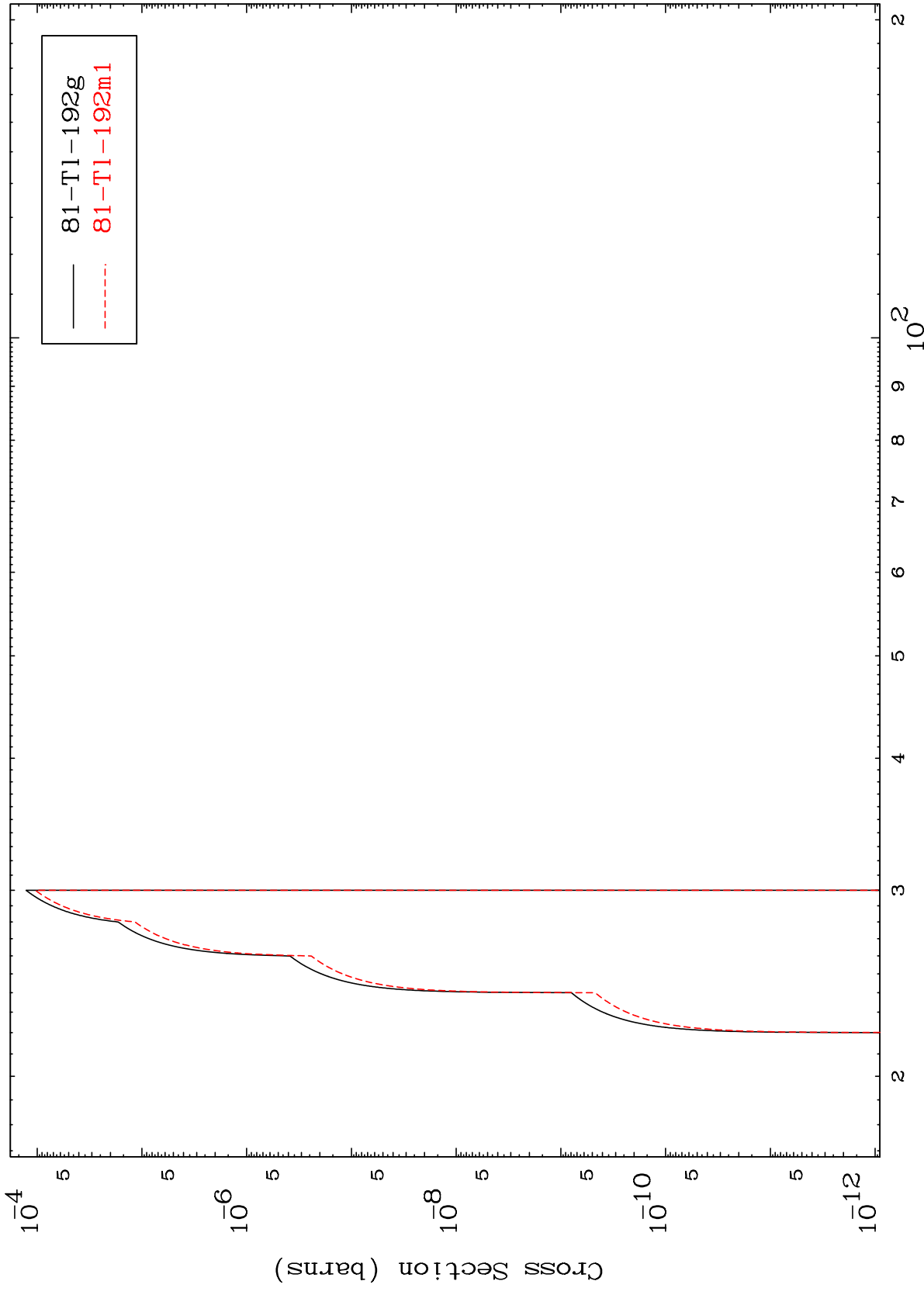
Incident Energy (MeV)

80-Hg-191

MAT 8011

80-Hg-191

(α, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

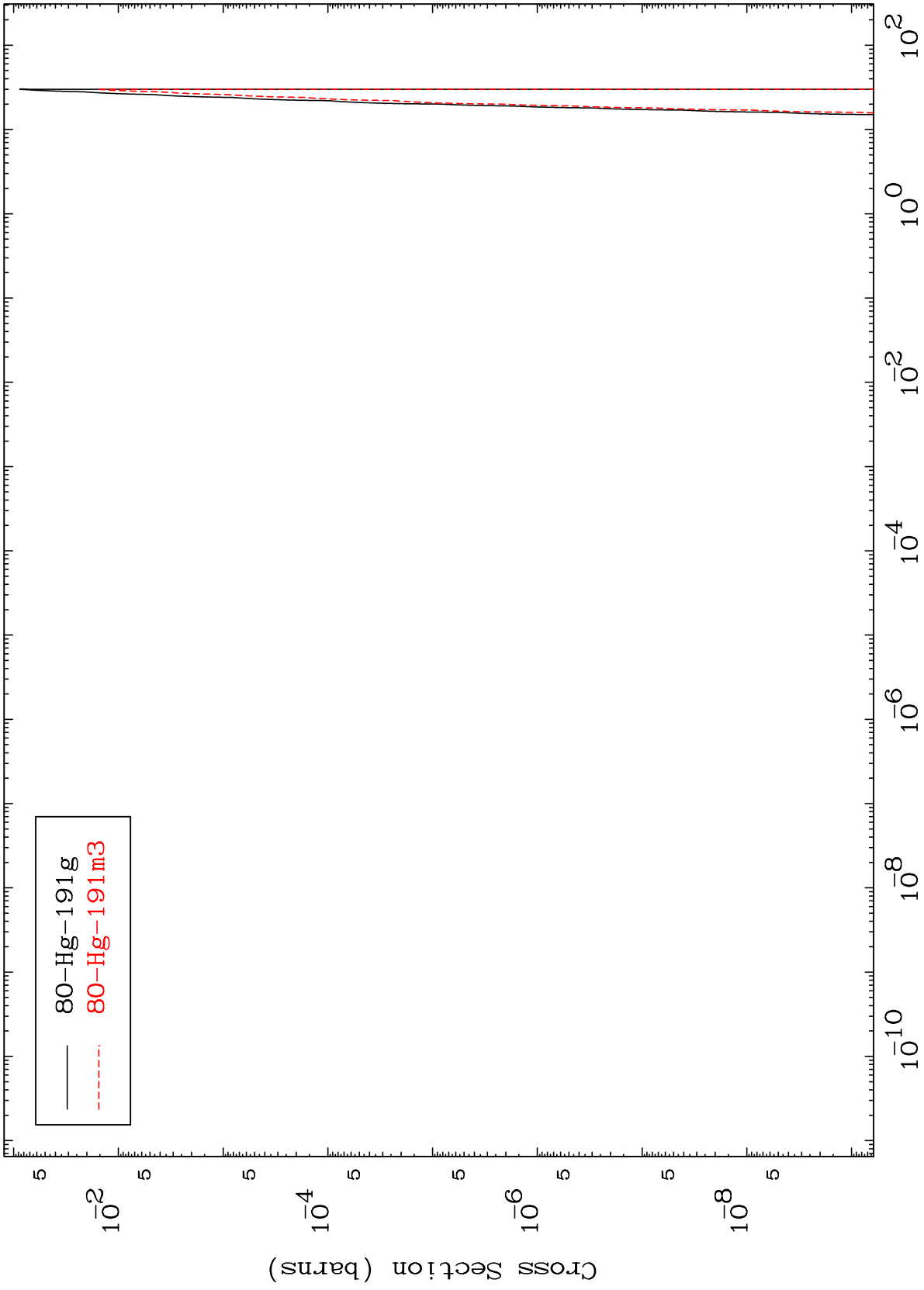
80-Hg-191

MAT 8011

(α, α)

80-Hg-191

Radionuclide Production Cross Section



21

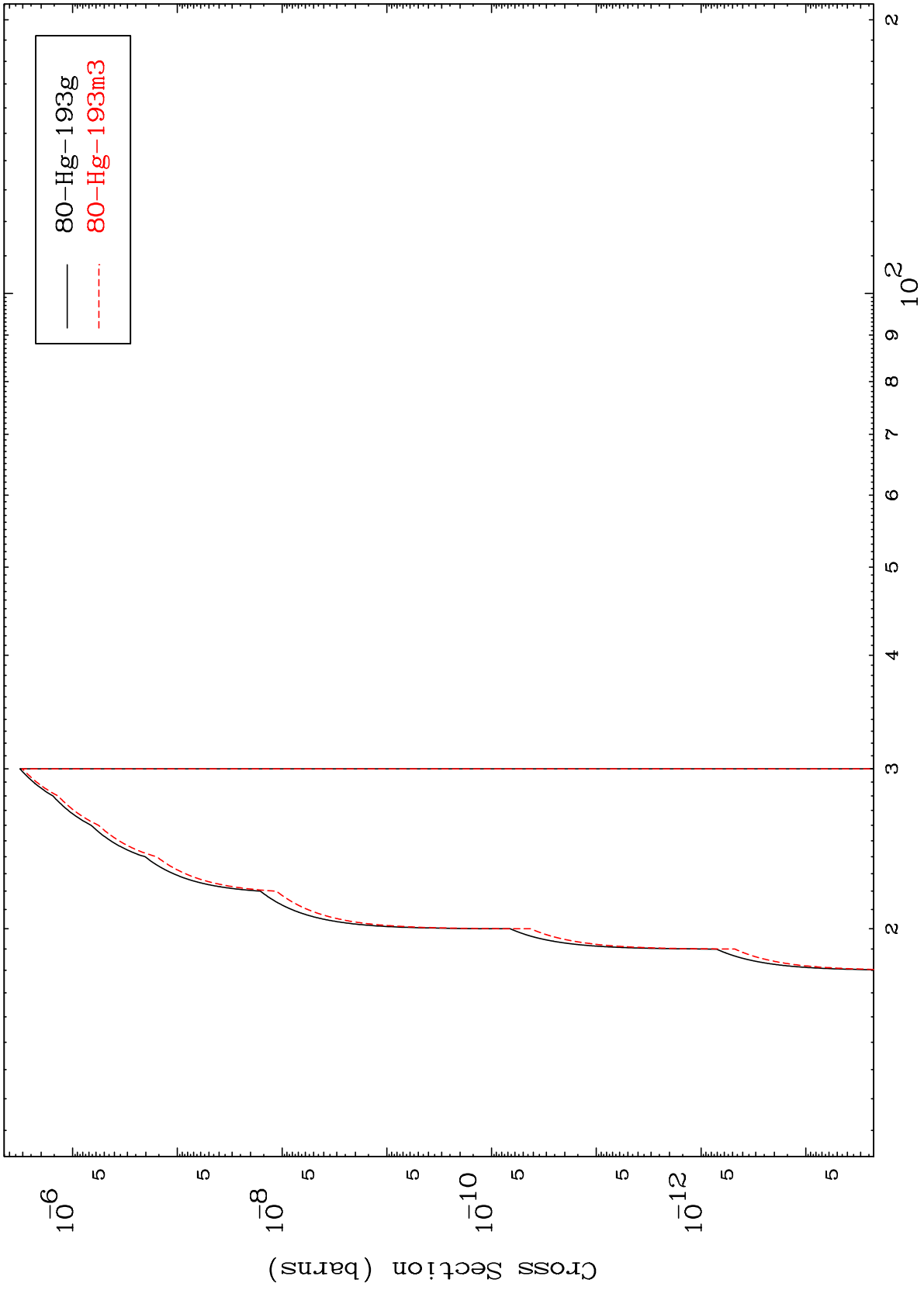
Incident Energy (MeV)

80-Hg-191

MAT 8011

80-Hg-191

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



22

Incident Energy (MeV)

80-Hg-191