

Program EVALPLOT
(Version 2018-1)

by

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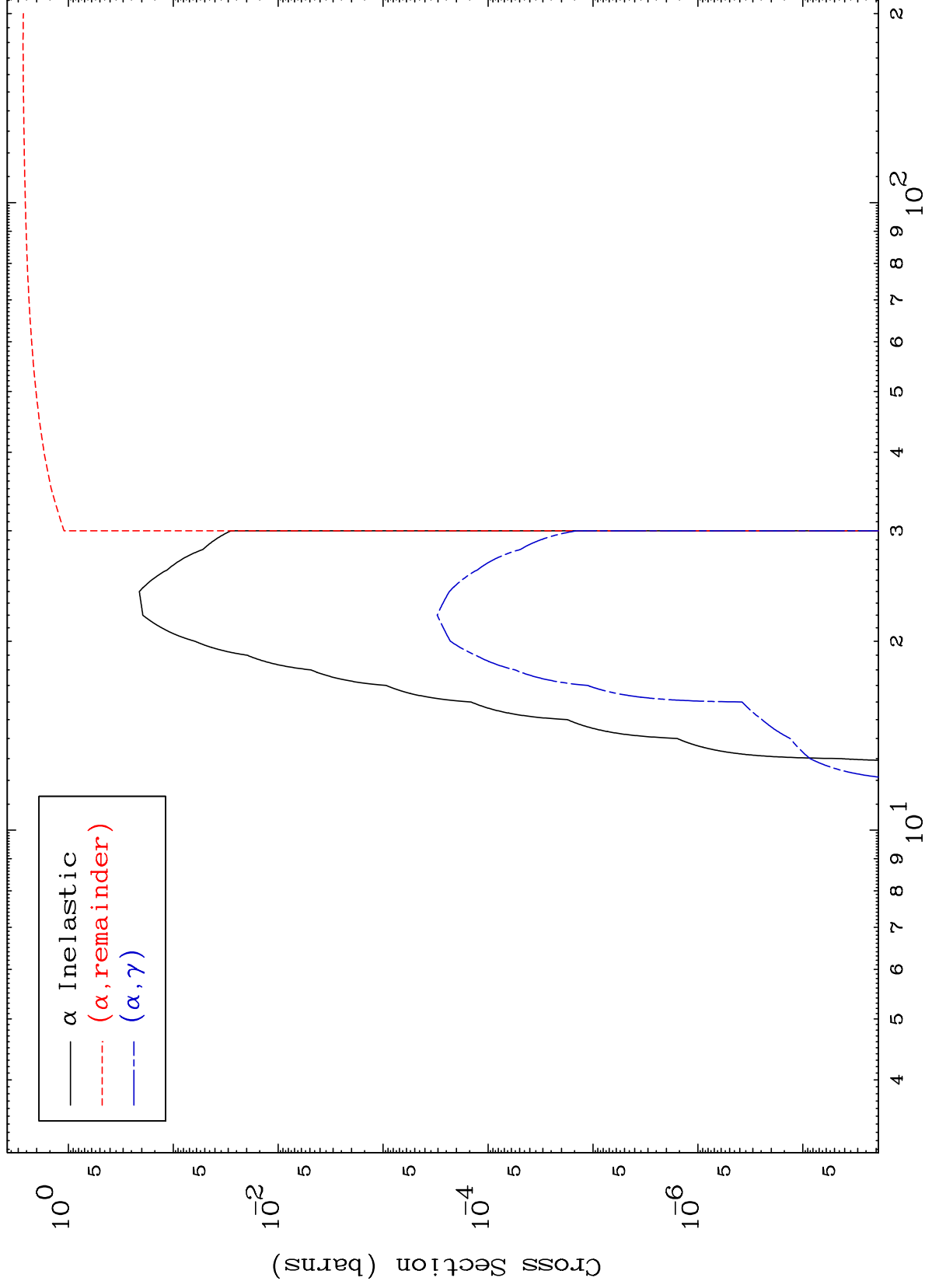
Press Mouse Button to Start

MAT 8023

α Major

0 Kelvin Cross Sections

80-Hg-195



1

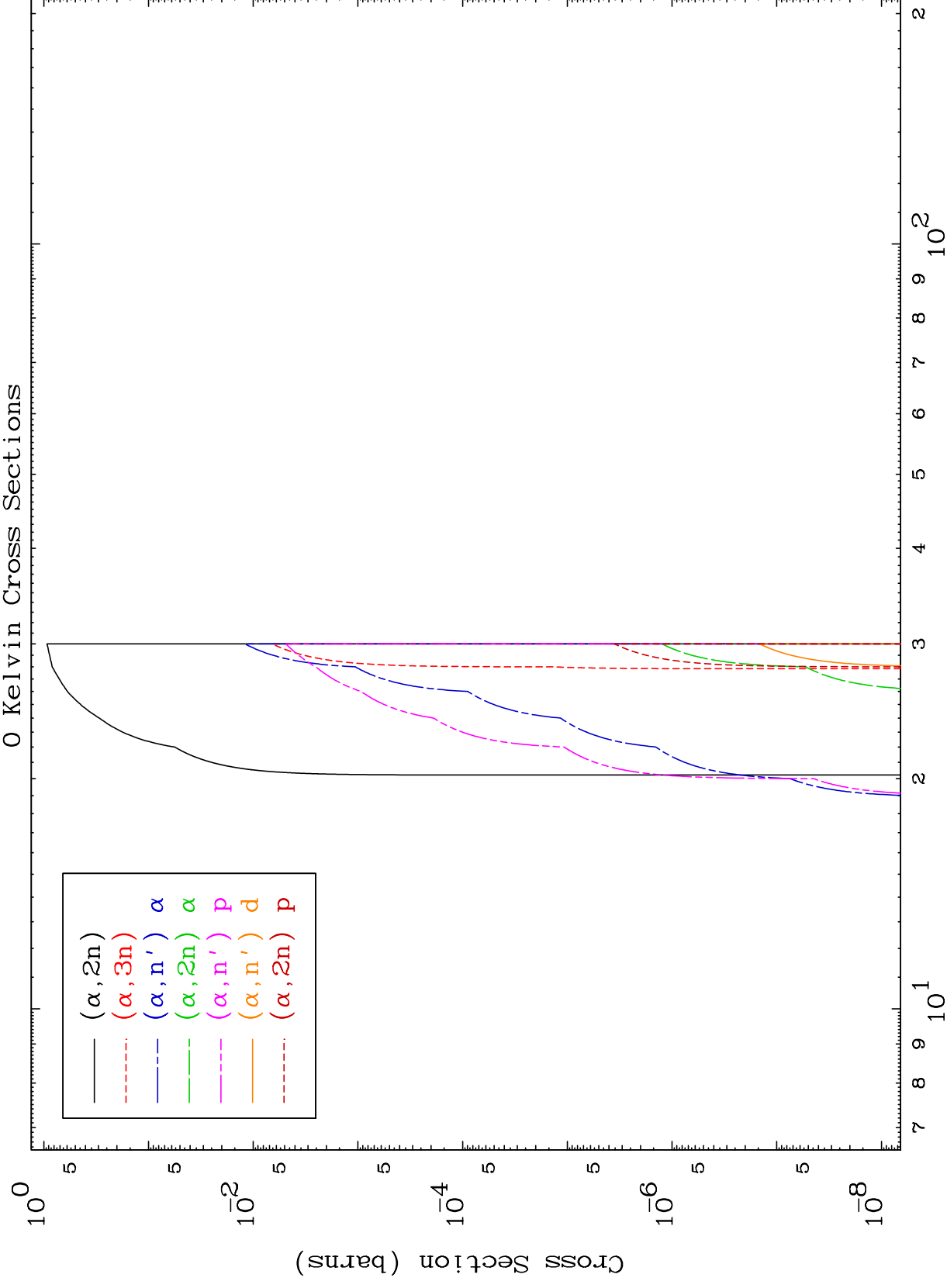
Incident Energy (MeV)

80-Hg-195

MAT 8023

α Neutron Production 0 Kelvin Cross Sections

80-Hg-195



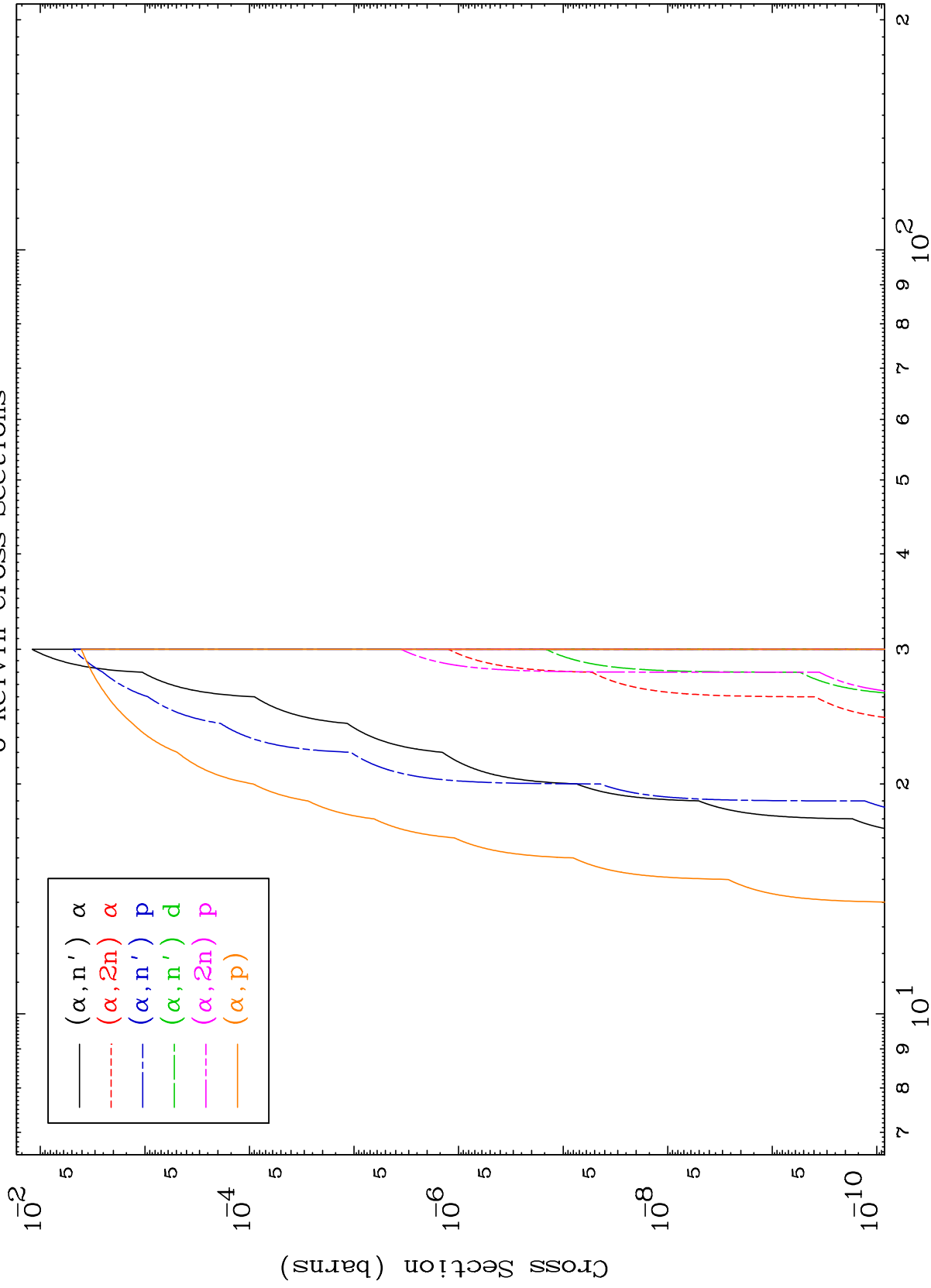
2

80-Hg-195

MAT 8023

α Charged Particle
0 Kelvin Cross Sections

80-Hg-195



3

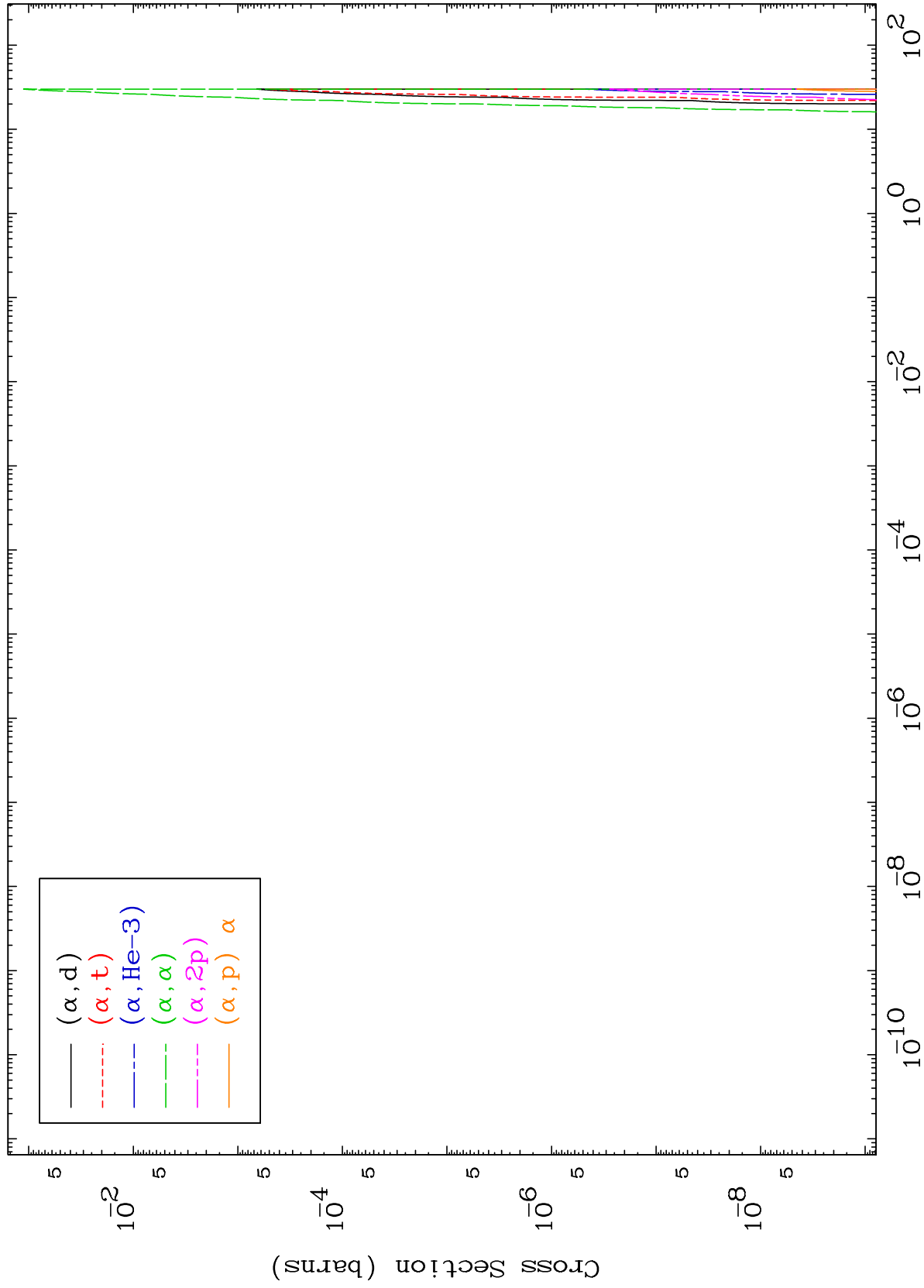
Incident Energy (MeV)

80-Hg-195

MAT 8023

α Charged Particle
0 Kelvin Cross Sections

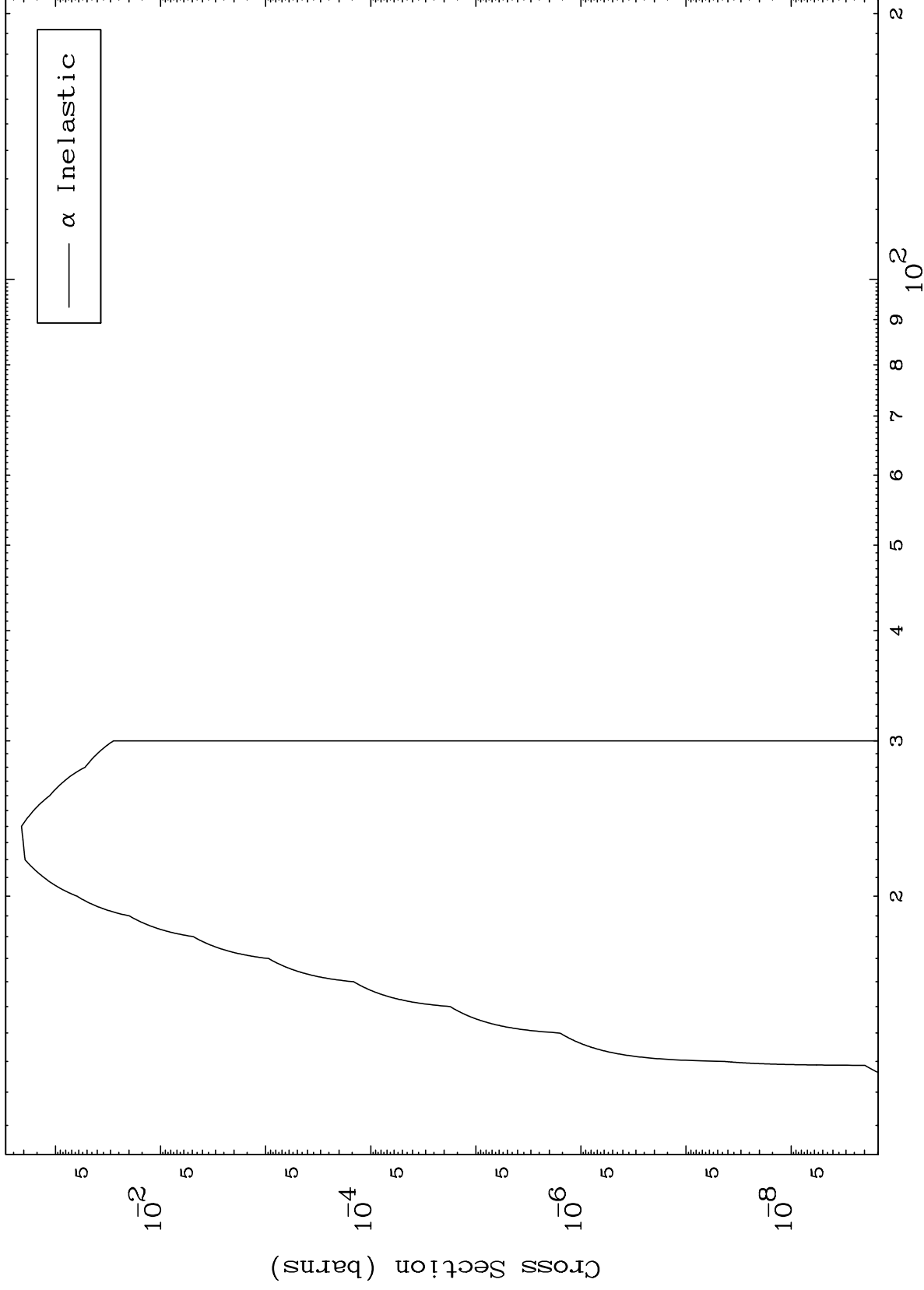
80-Hg-195



MAT 8023

(α, n') Level
0 Kelvin Cross Sections

80-Hg-195



5

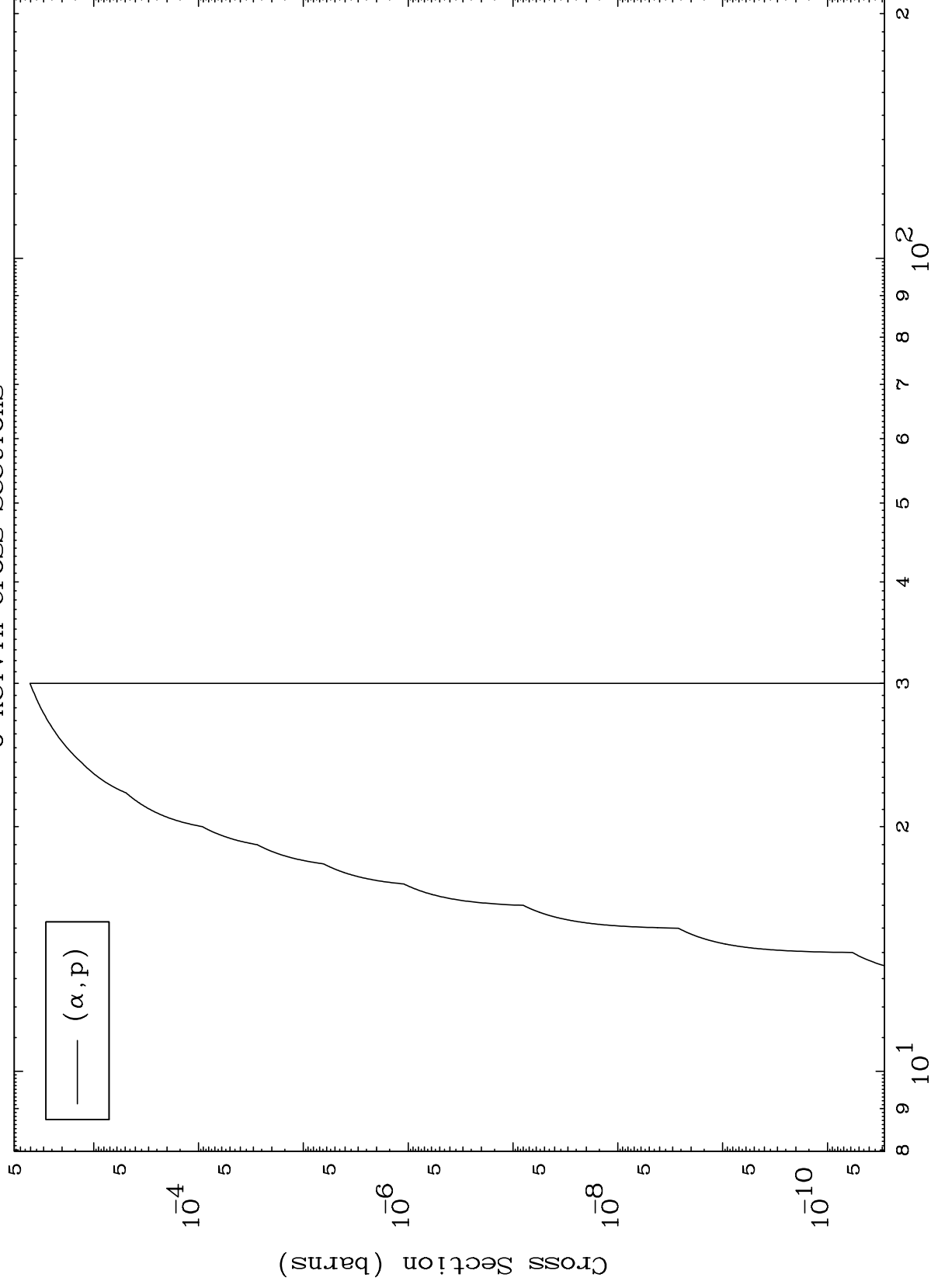
Incident Energy (MeV)

80-Hg-195

MAT 8023

(α ,p) Levels
0 Kelvin Cross Sections

80-Hg-195



6

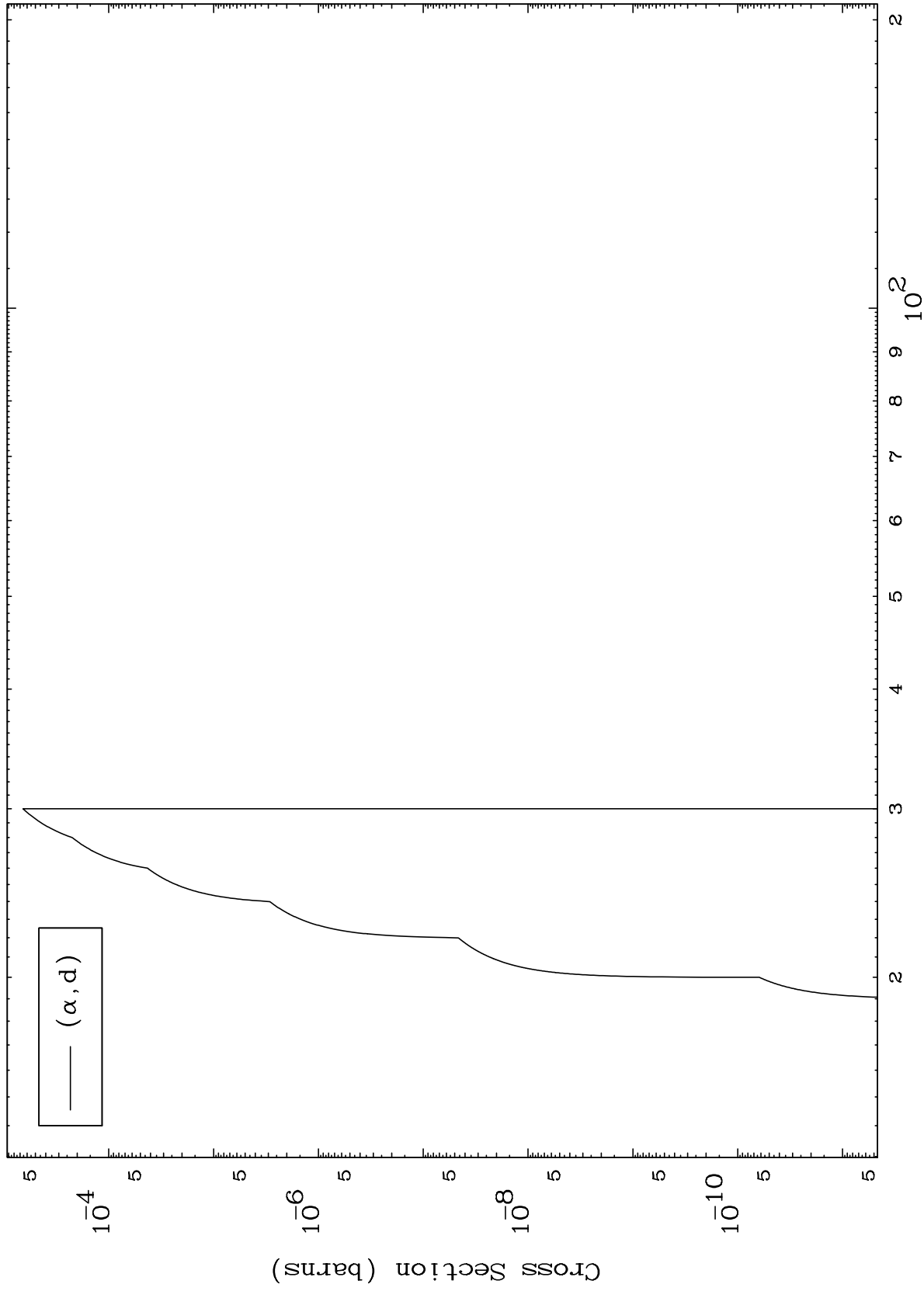
Incident Energy (MeV)

80-Hg-195

MAT 8023

(α ,d) Levels
0 Kelvin Cross Sections

80-Hg-195



7

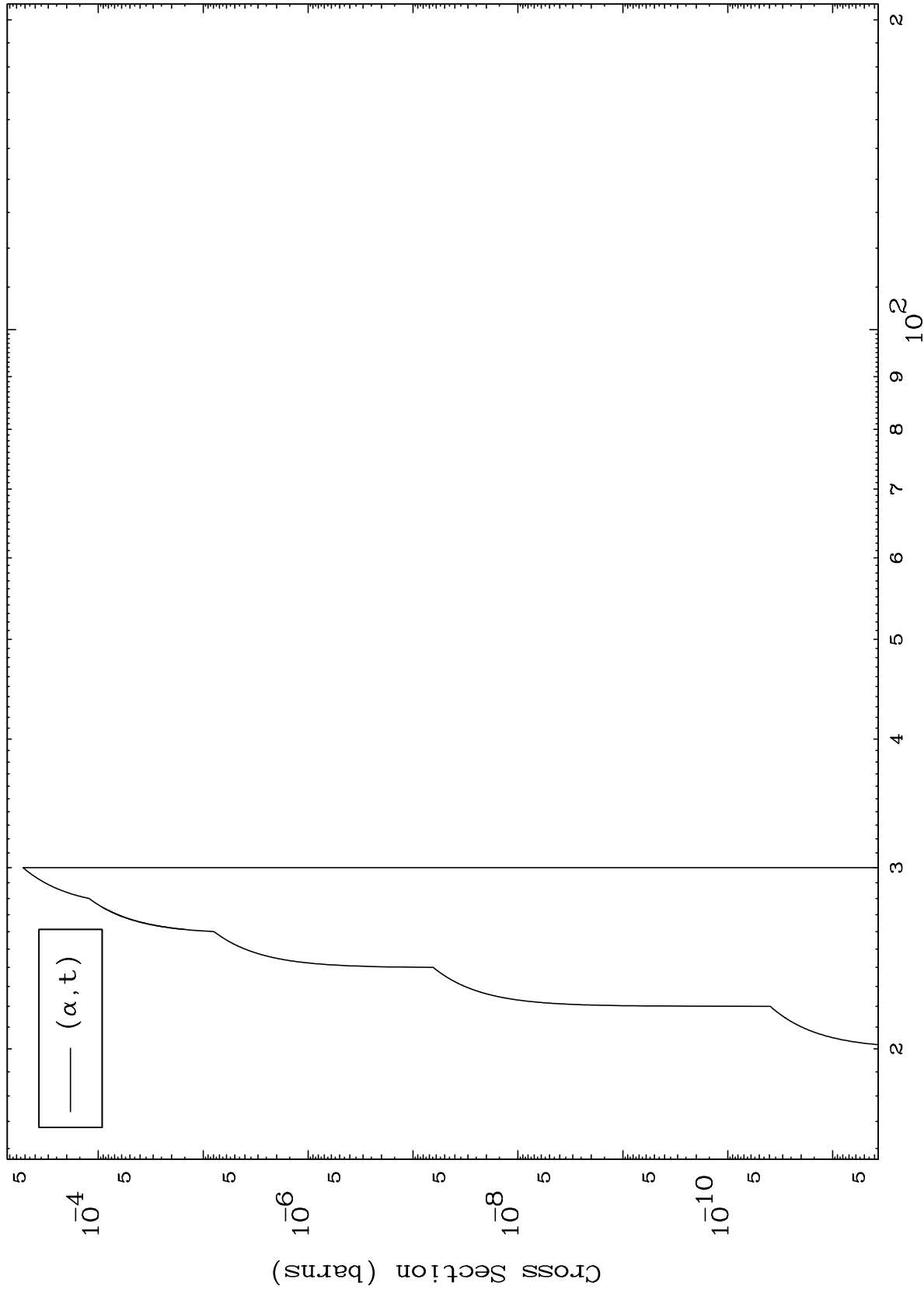
Incident Energy (MeV)

80-Hg-195

MAT 8023

(α ,t) Levels
0 Kelvin Cross Sections

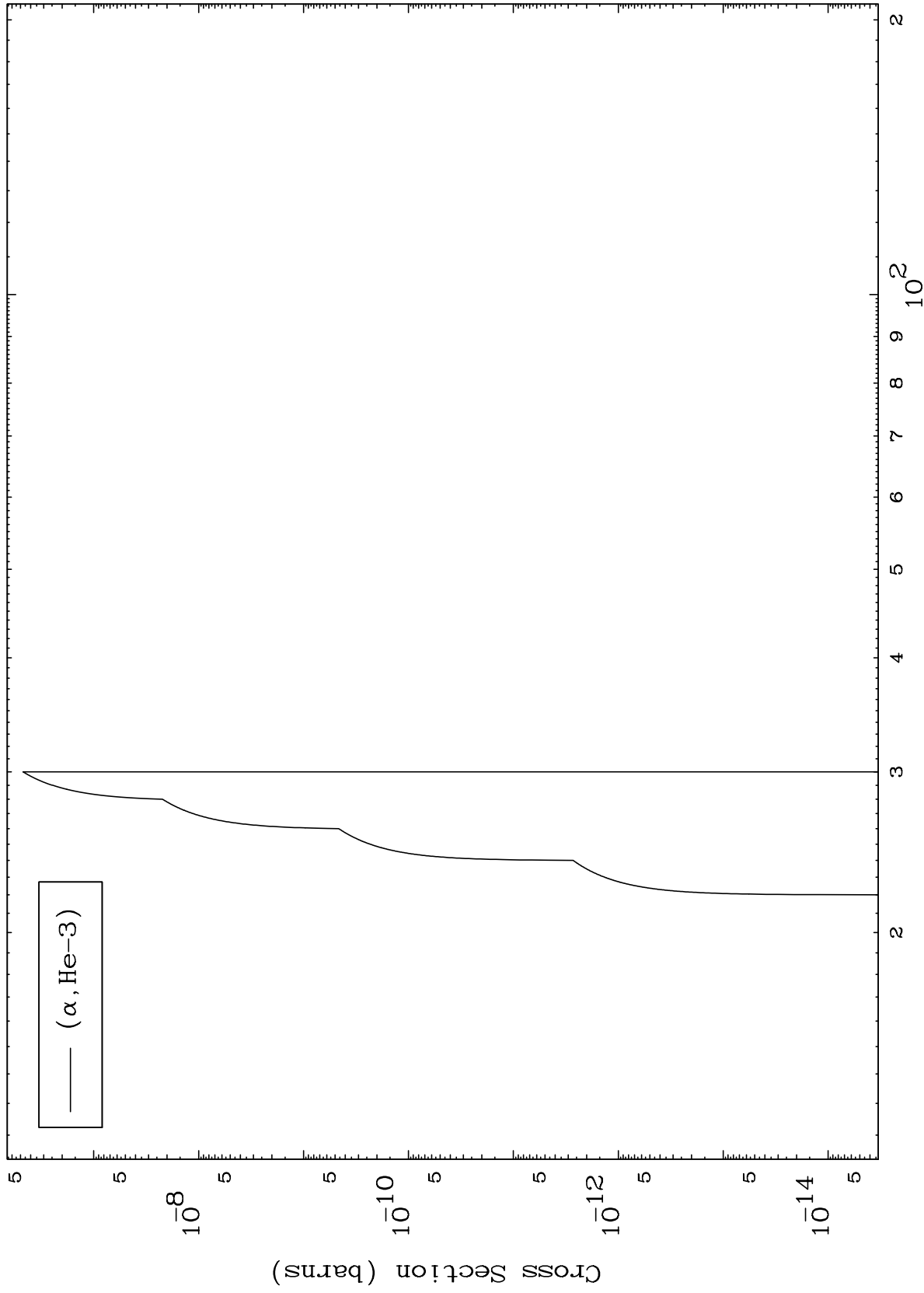
80-Hg-195



8

Incident Energy (MeV)

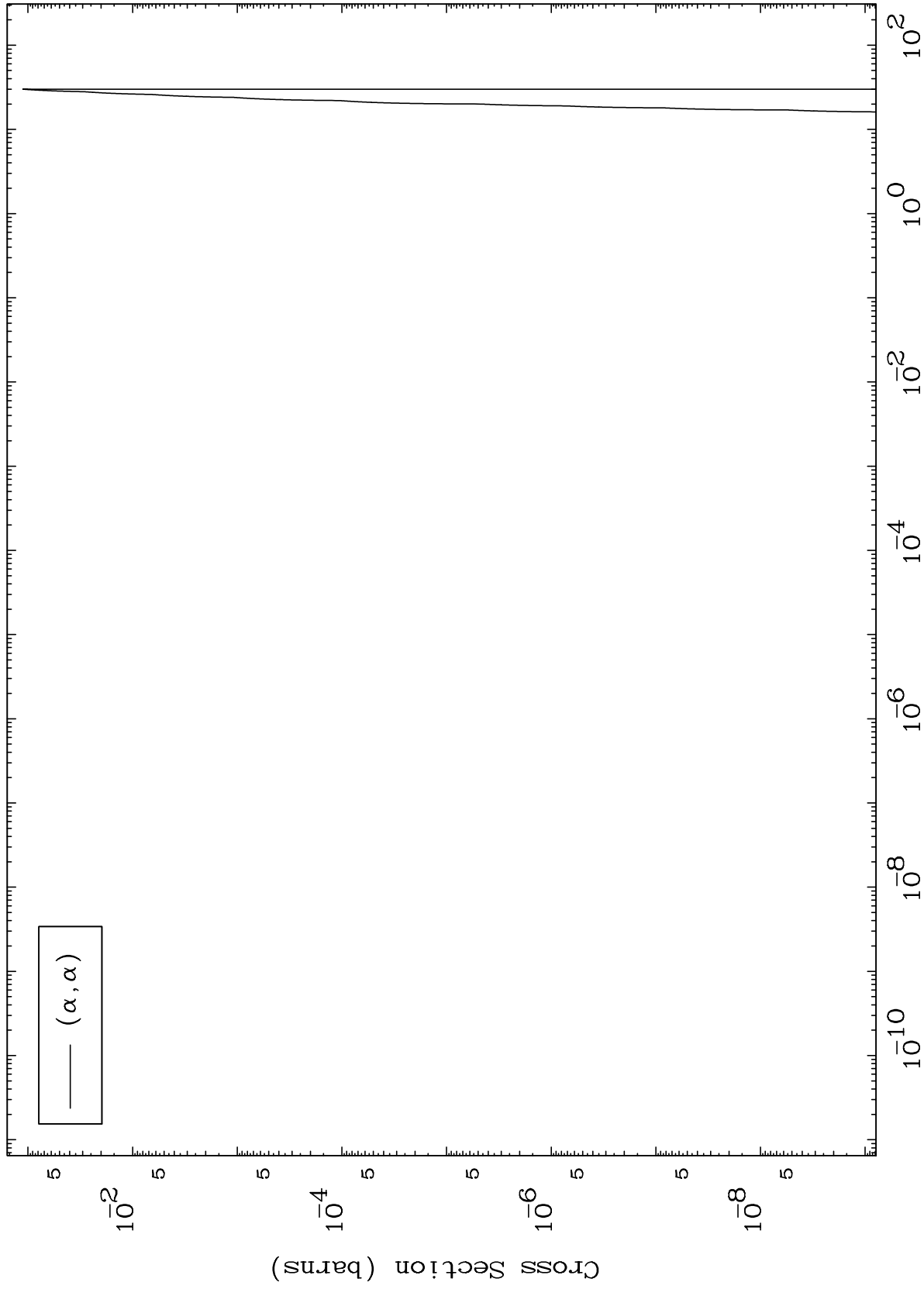
80-Hg-195



MAT 8023

(α, α) Levels
0 Kelvin Cross Sections

80-Hg-195



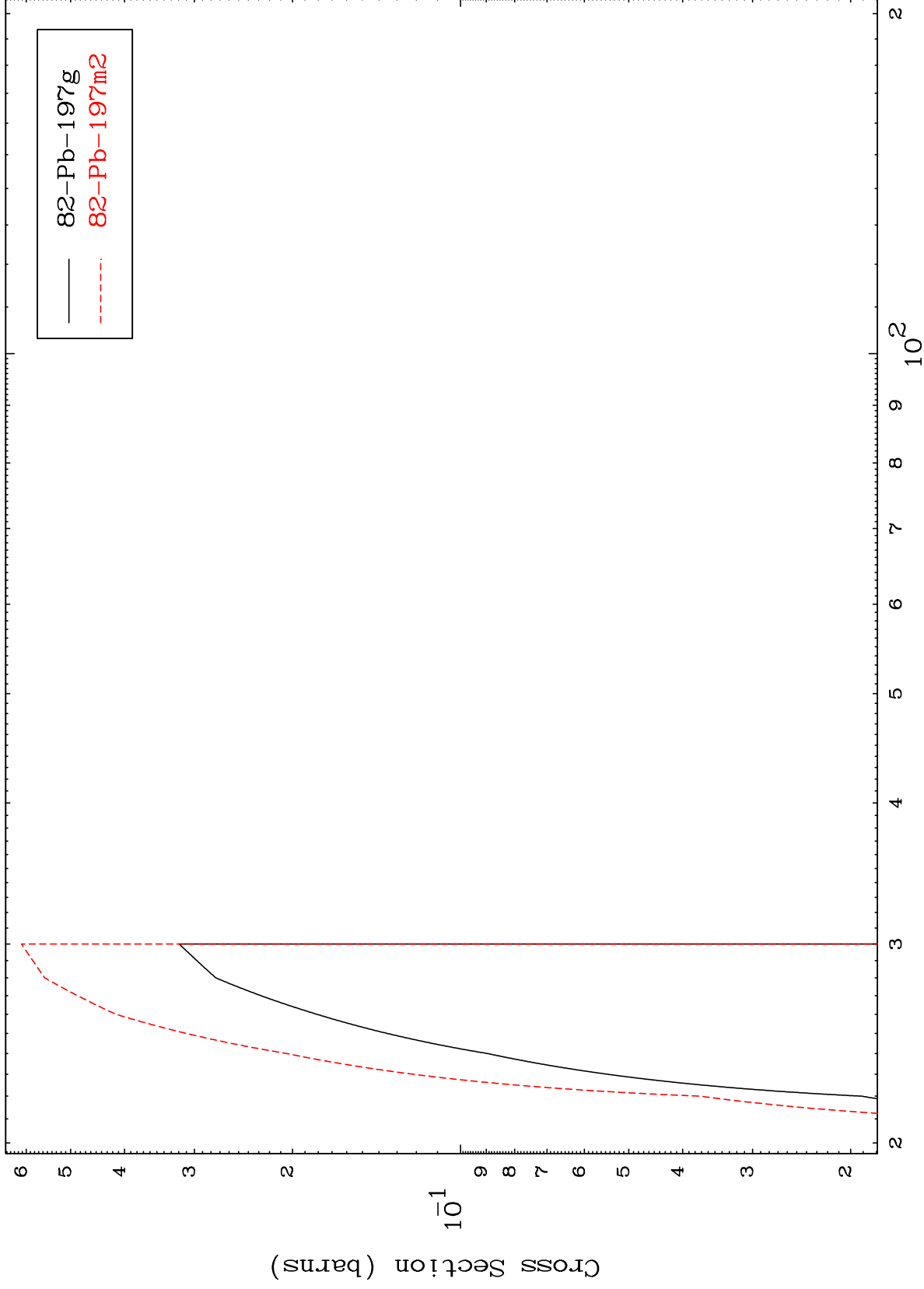
Incident Energy (MeV)

80-Hg-195

MAT 8023

80-Hg-195

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



11

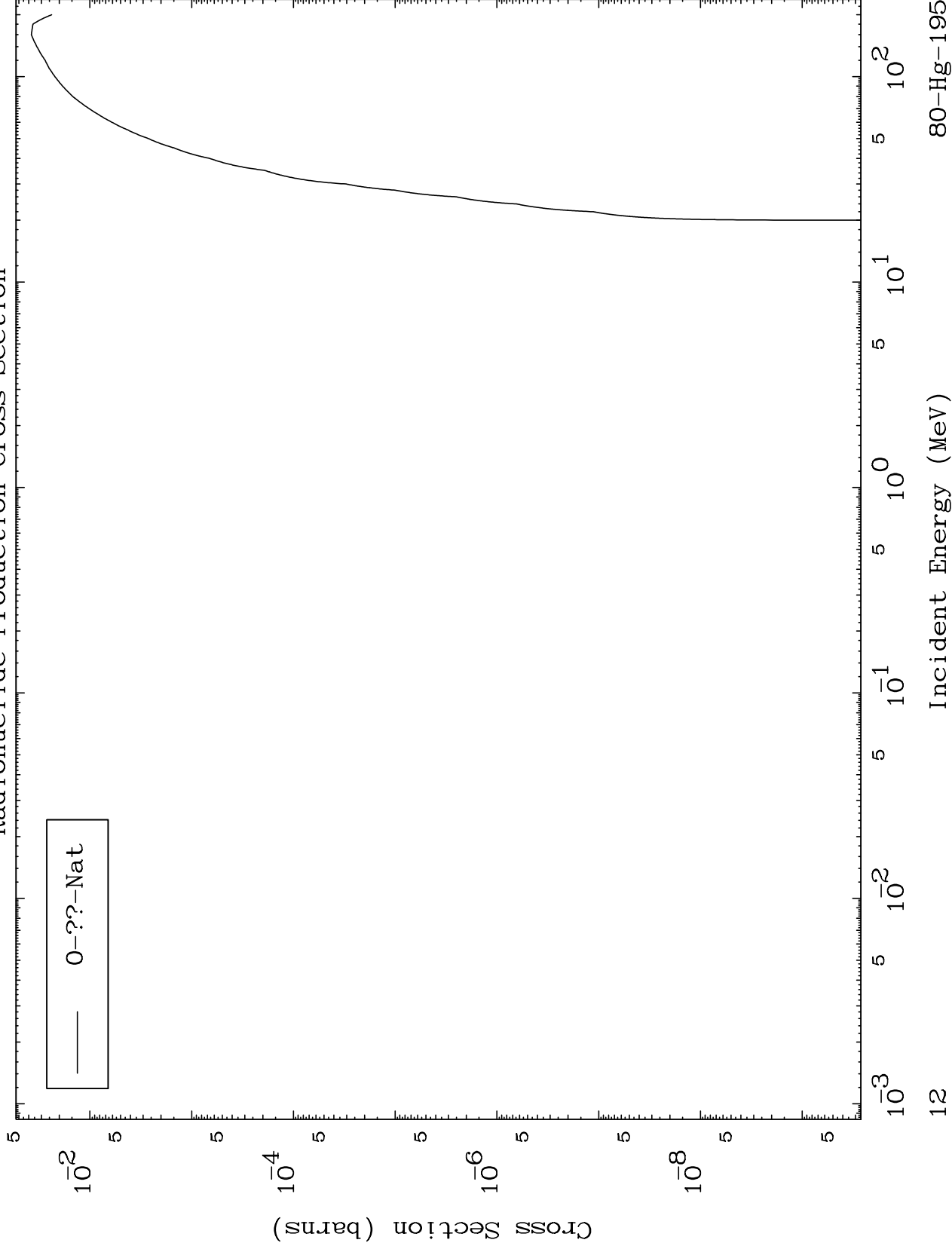
Incident Energy (MeV)

80-Hg-195

MAT 8023

α Fission
Radionuclide Production Cross Section

80-Hg-195

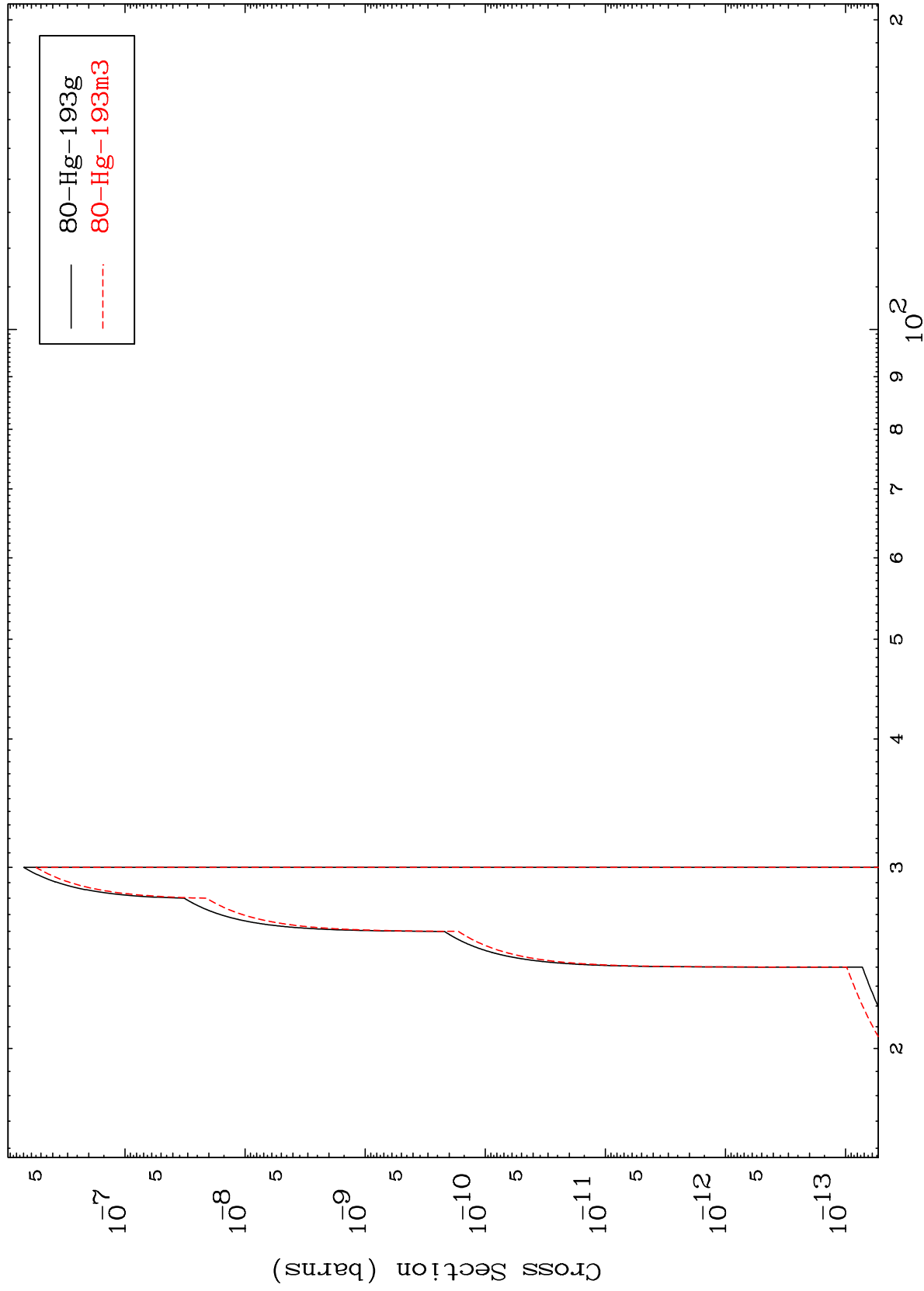


MAT 8023

$(\alpha, 2n) \alpha$

80-Hg-195

Radionuclide Production Cross Section



13

Incident Energy (MeV)

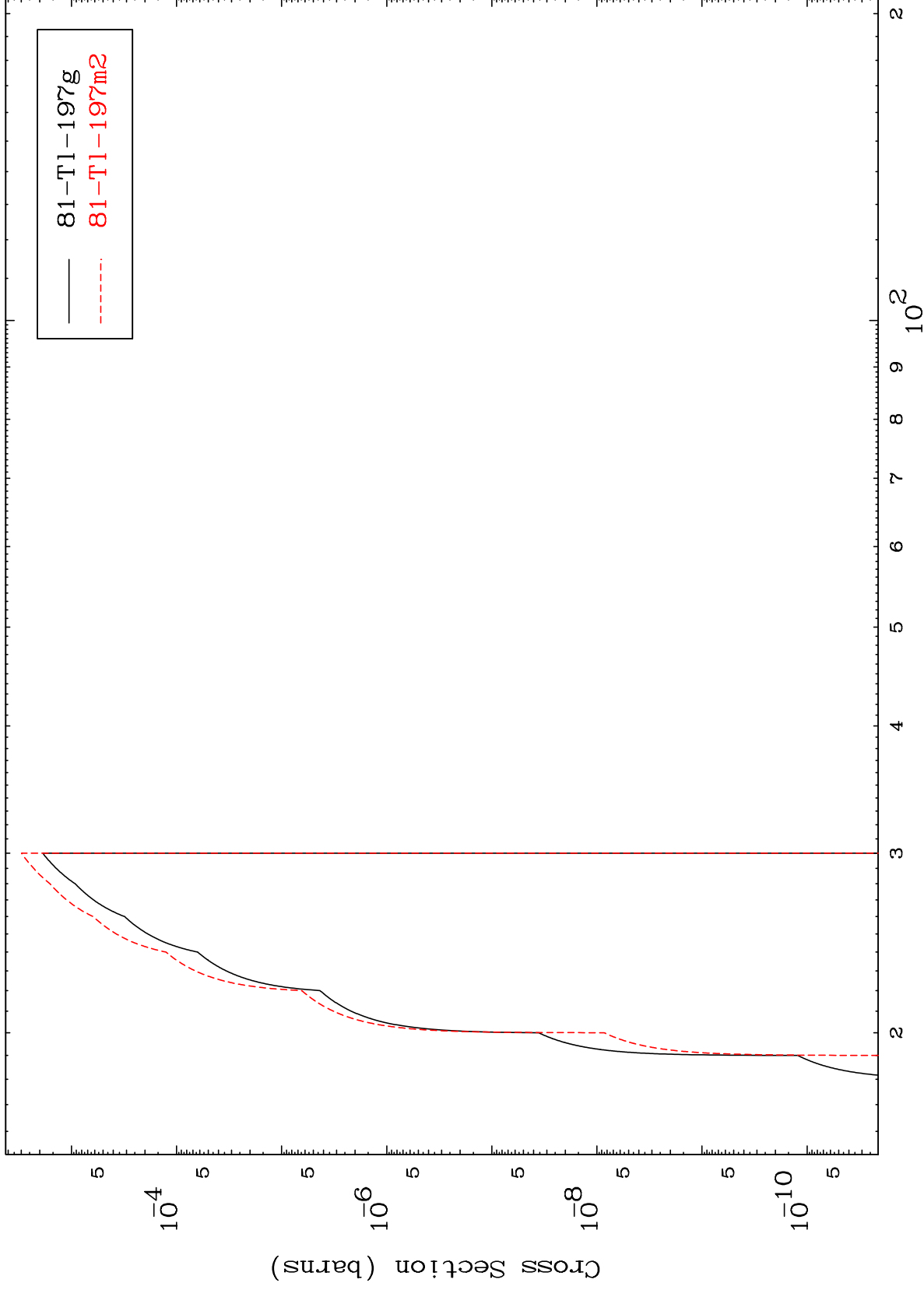
80-Hg-195

MAT 8023

(α, n') p

80-Hg-195

Radionuclide Production Cross Section



14

Incident Energy (MeV)

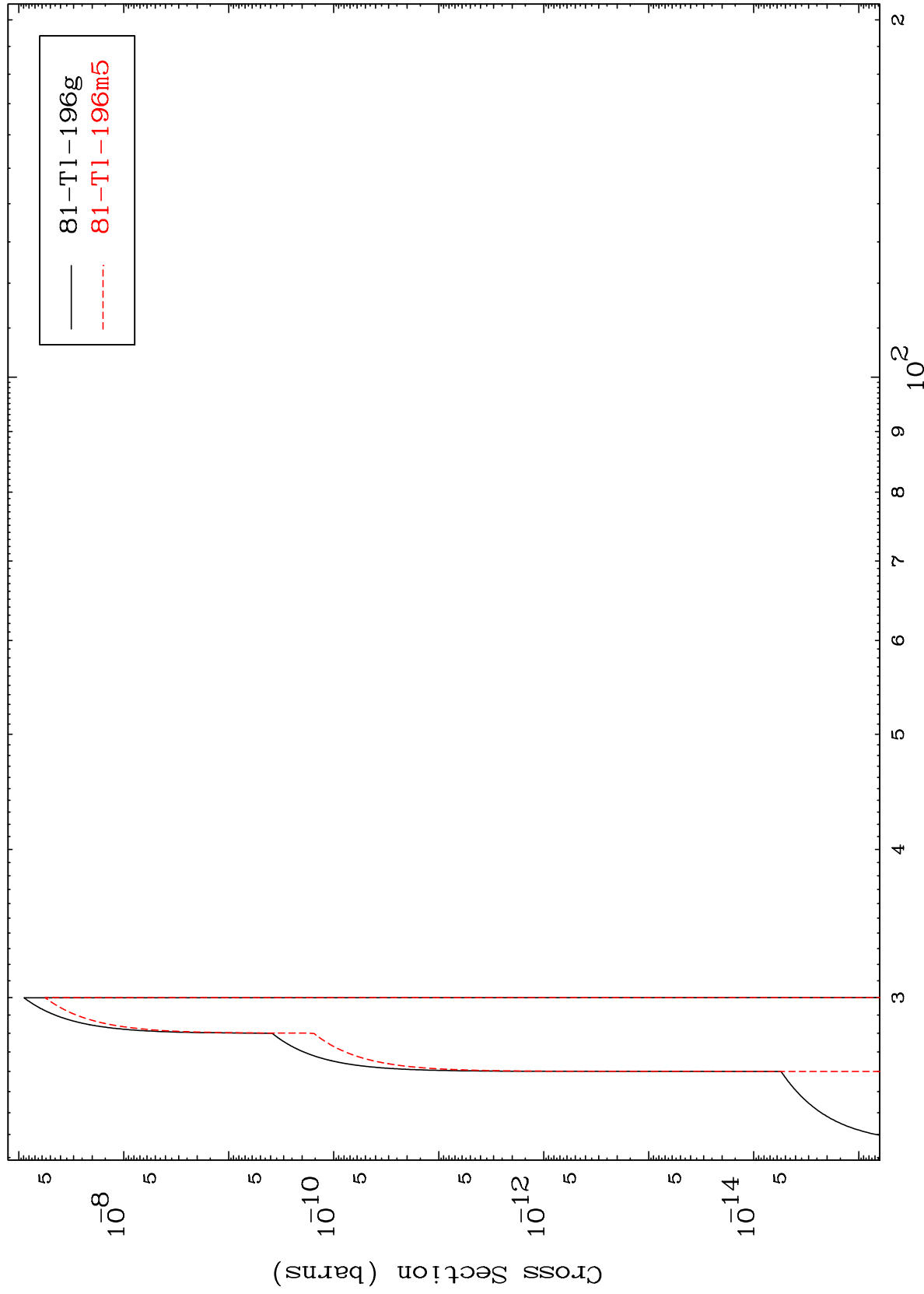
80-Hg-195

MAT 8023

(α, n') d

80-Hg-195

Radionuclide Production Cross Section



15

Incident Energy (MeV)

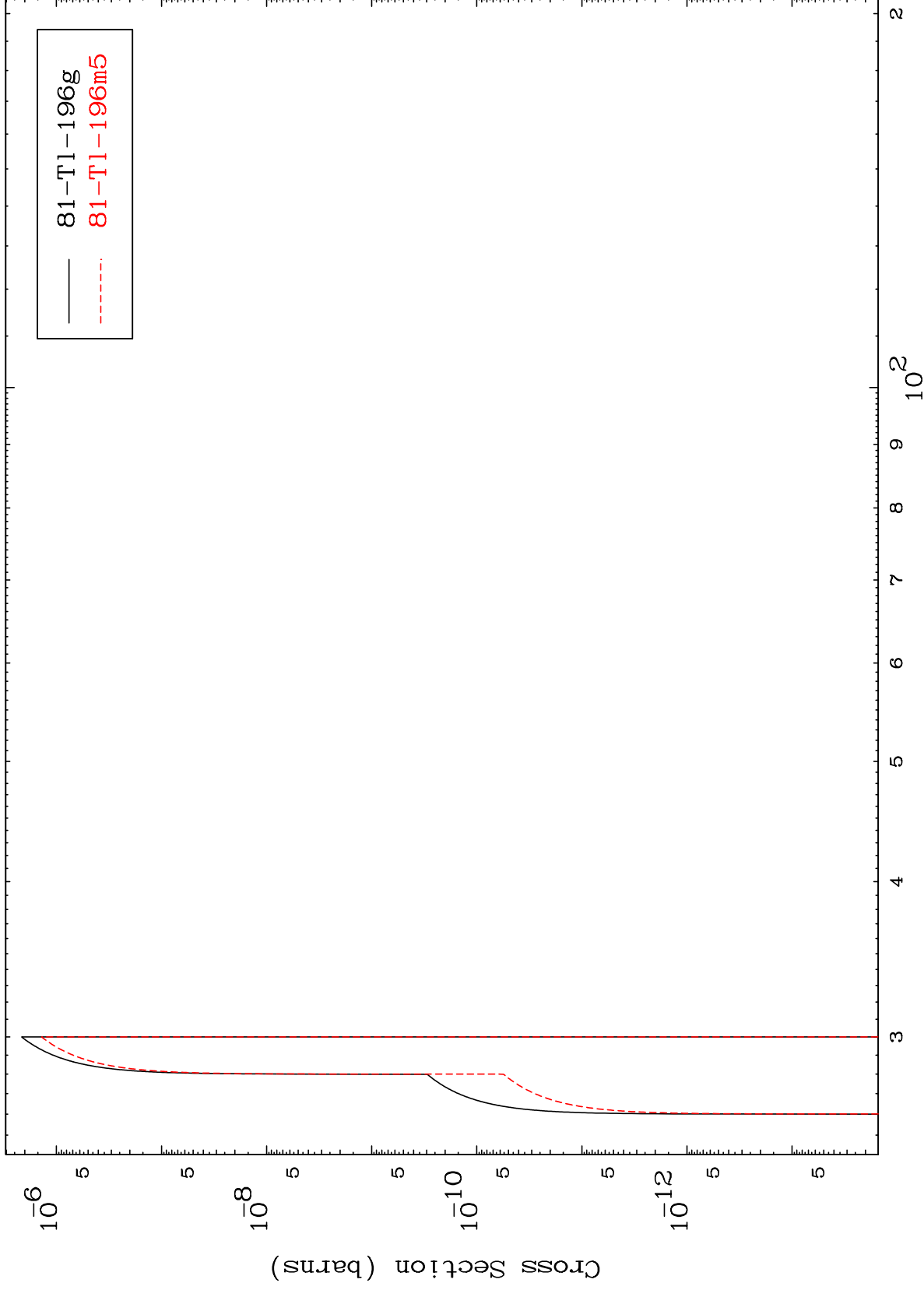
80-Hg-195

MAT 8023

$(\alpha, 2n)$ p

80-Hg-195

Radionuclide Production Cross Section



16

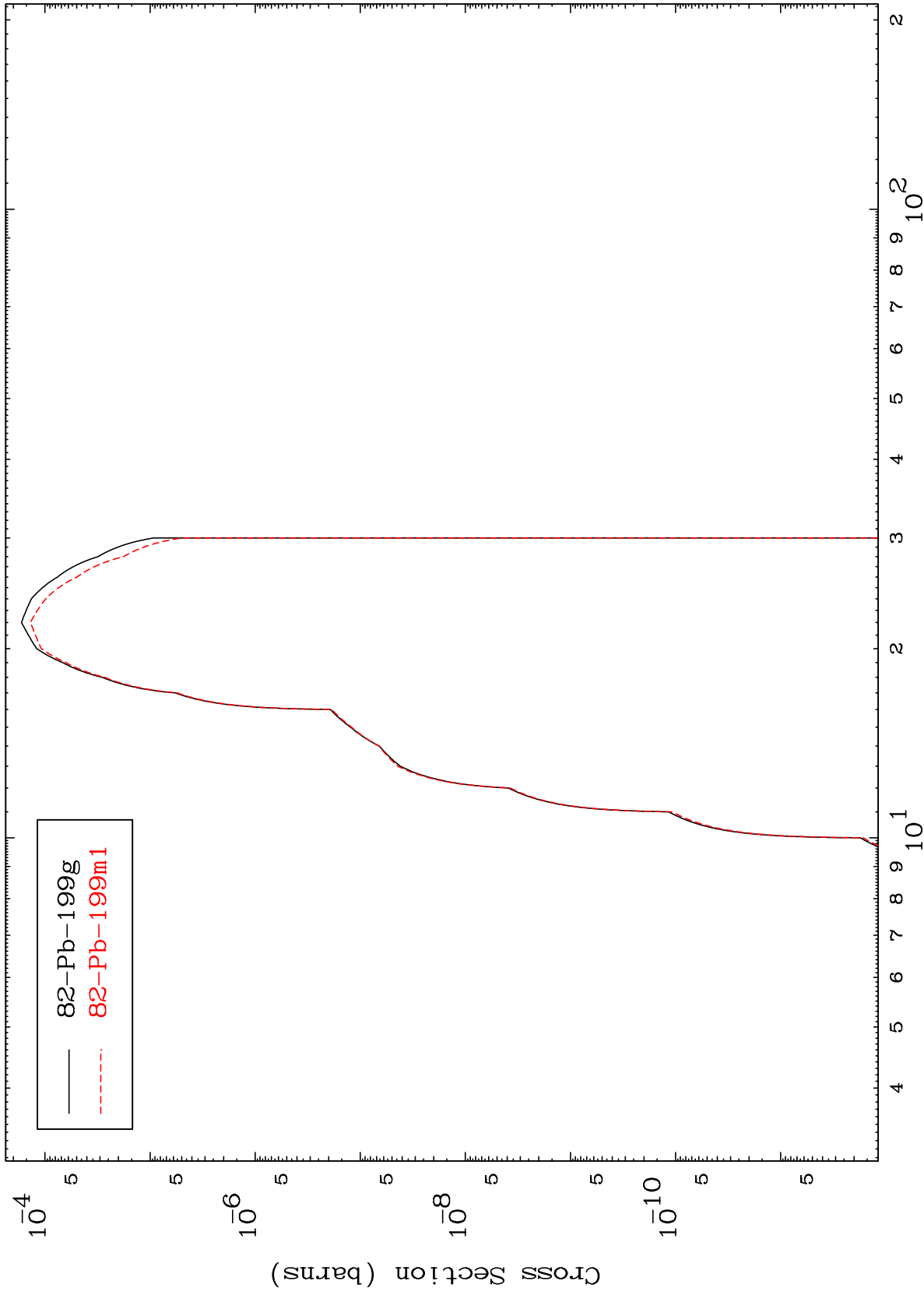
Incident Energy (MeV)

80-Hg-195

MAT 8023

80-Hg-195

(α, γ)
Radionuclide Production Cross Section



17

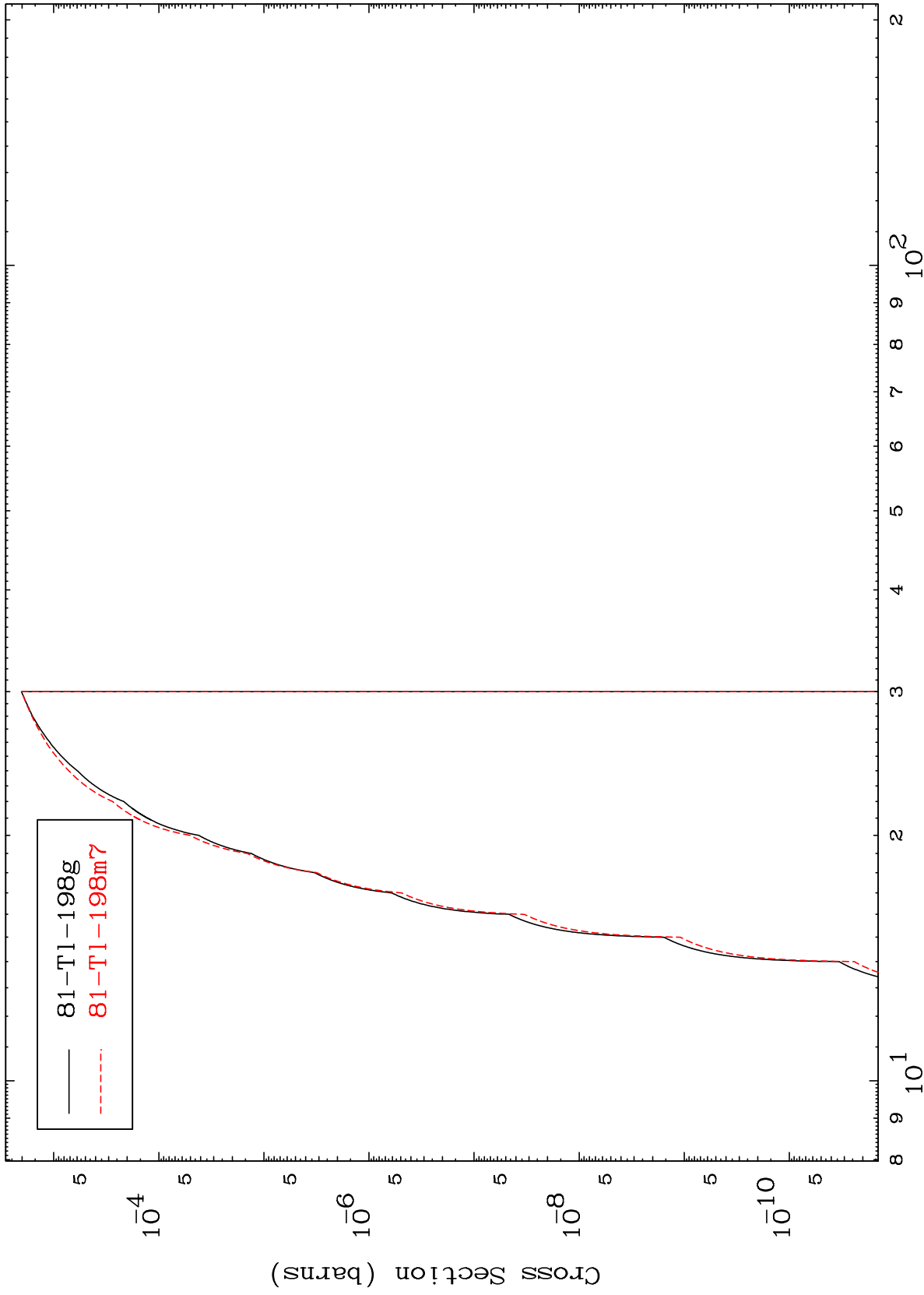
Incident Energy (MeV)

80-Hg-195

MAT 8023

80-Hg-195

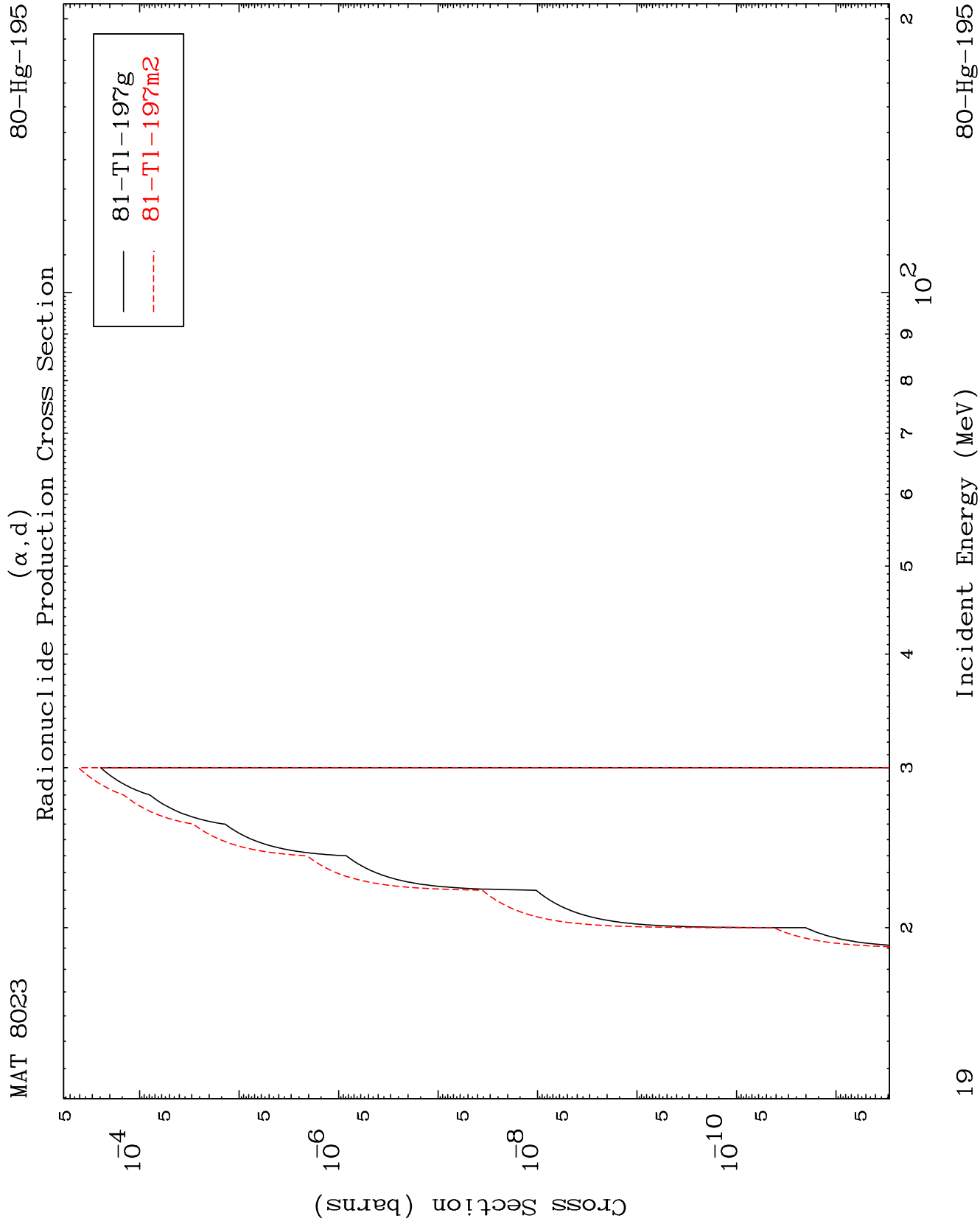
(α, p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

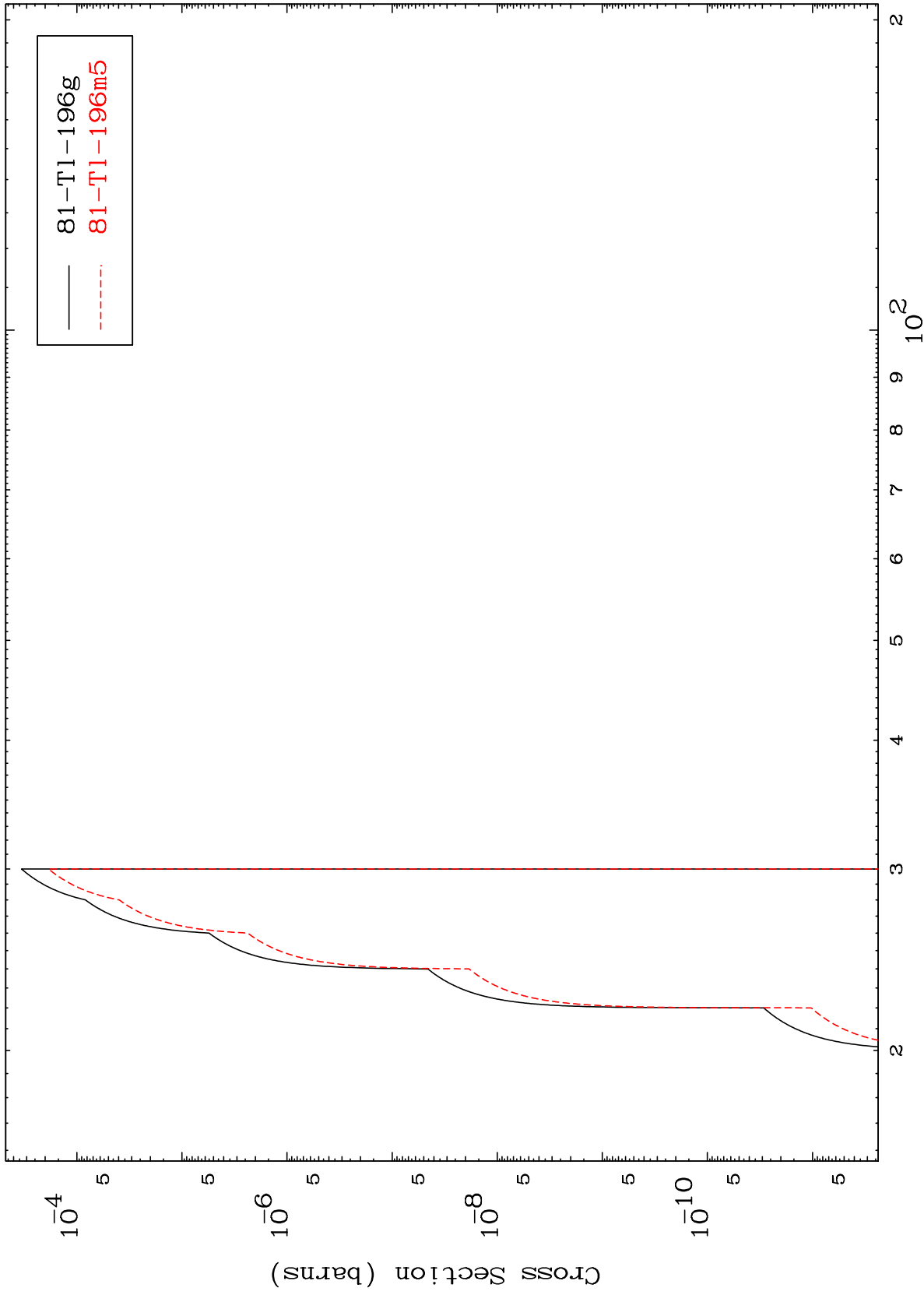
80-Hg-195



MAT 8023

80-Hg-195

(α, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

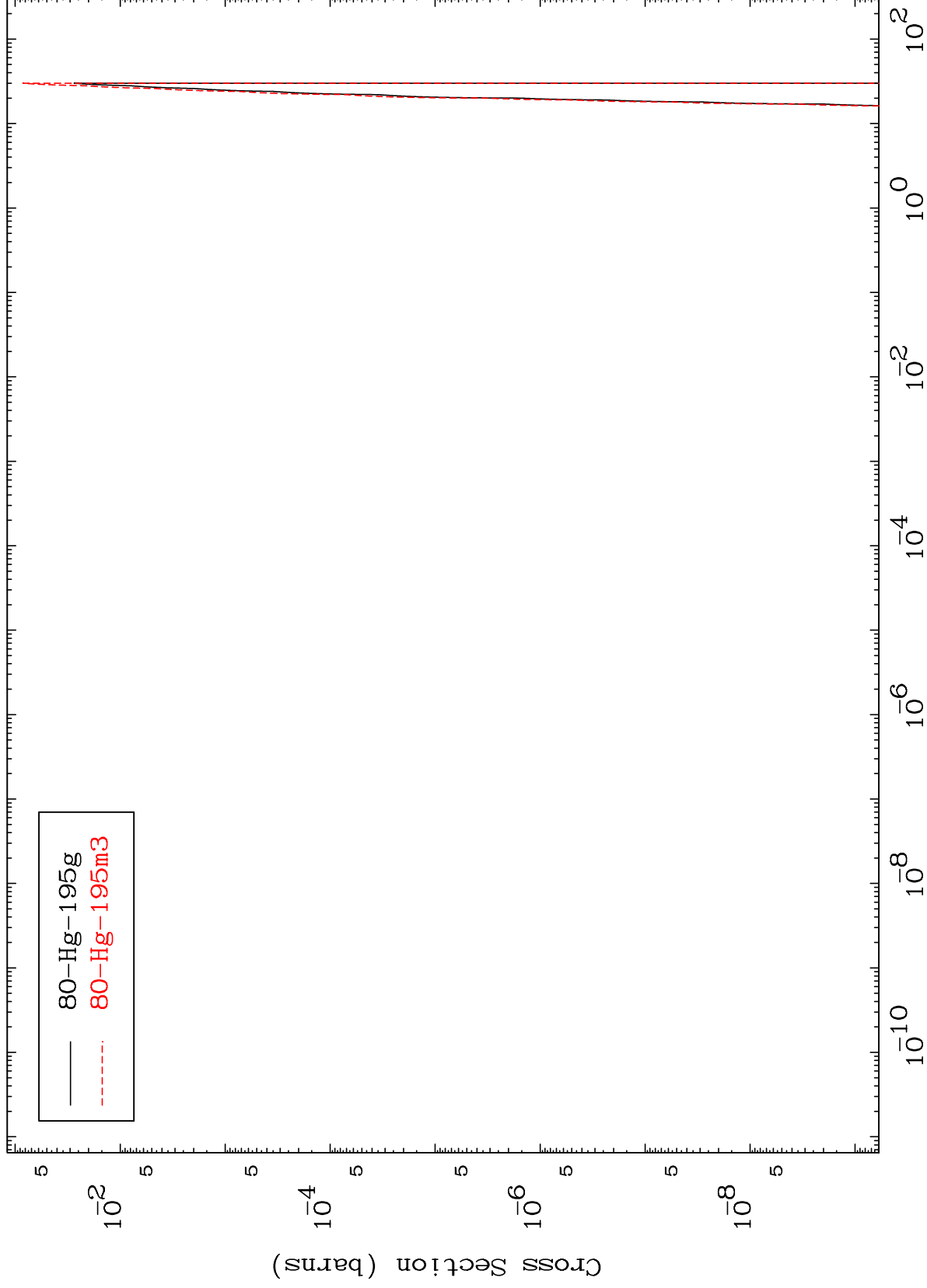
80-Hg-195

MAT 8023

(α, α)

80-Hg-195

Radionuclide Production Cross Section



21

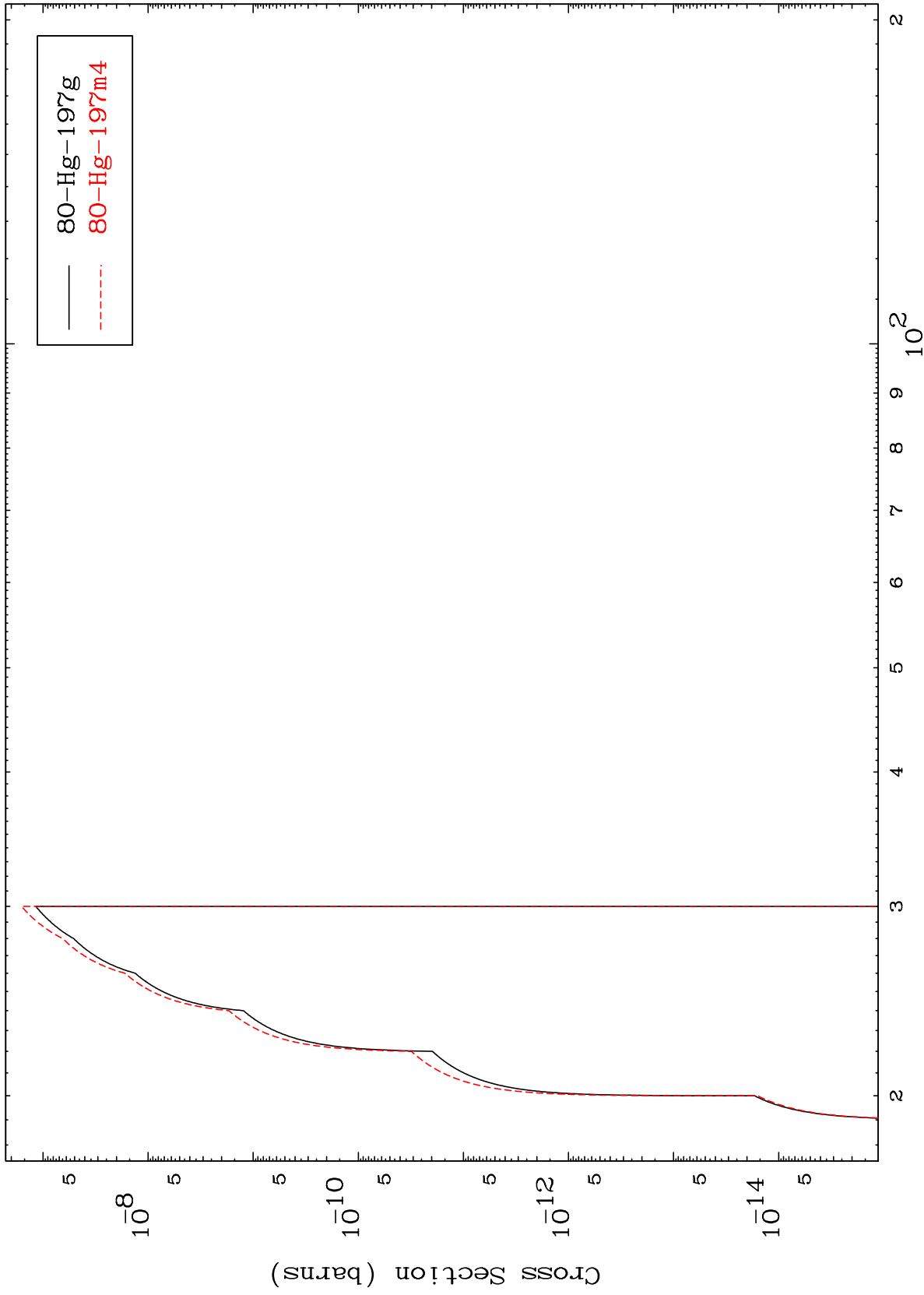
Incident Energy (MeV)

80-Hg-195

MAT 8023

80-Hg-195

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



22

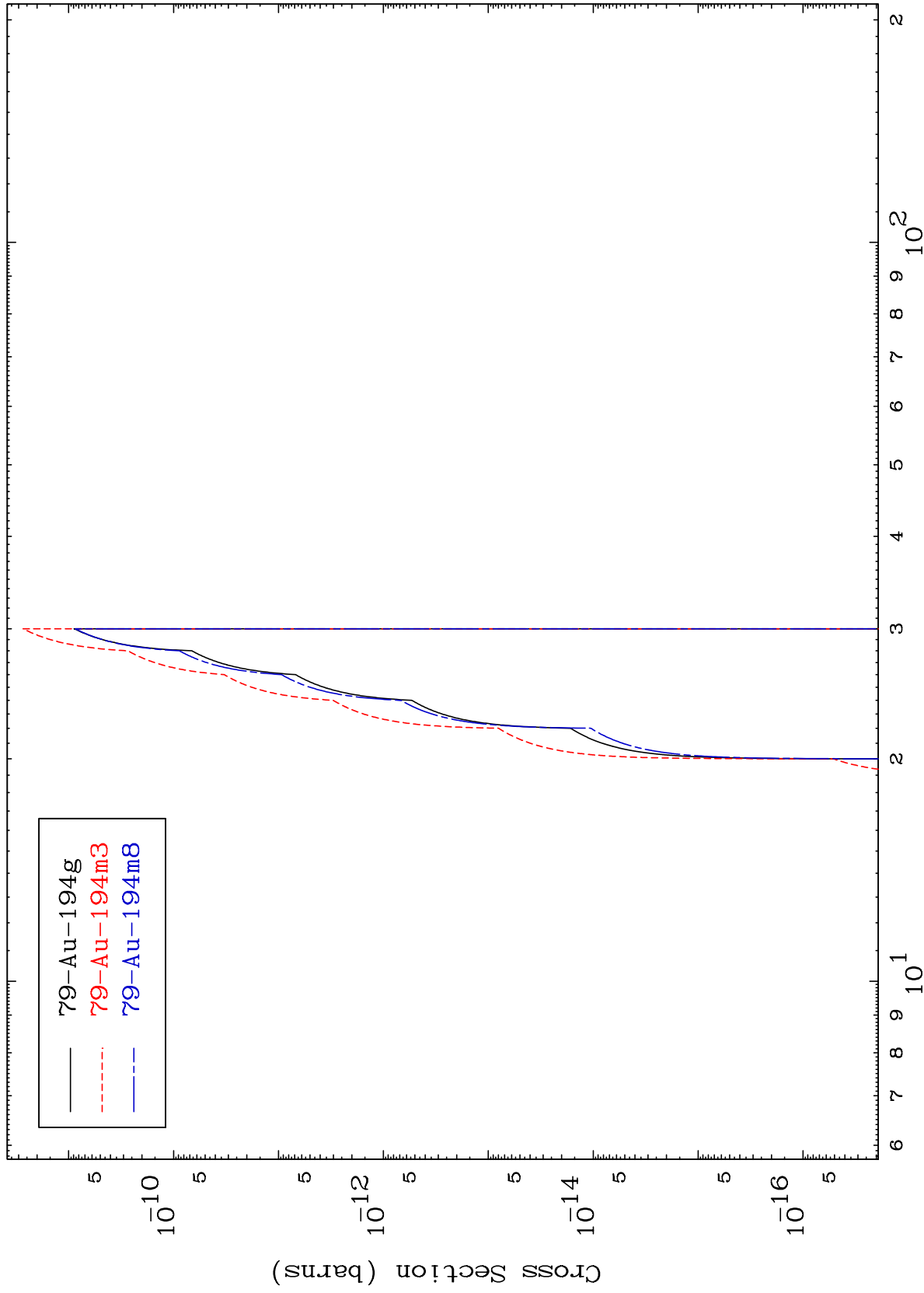
Incident Energy (MeV)

80-Hg-195

MAT 8023

80-Hg-195

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



23

Incident Energy (MeV)

80-Hg-195