

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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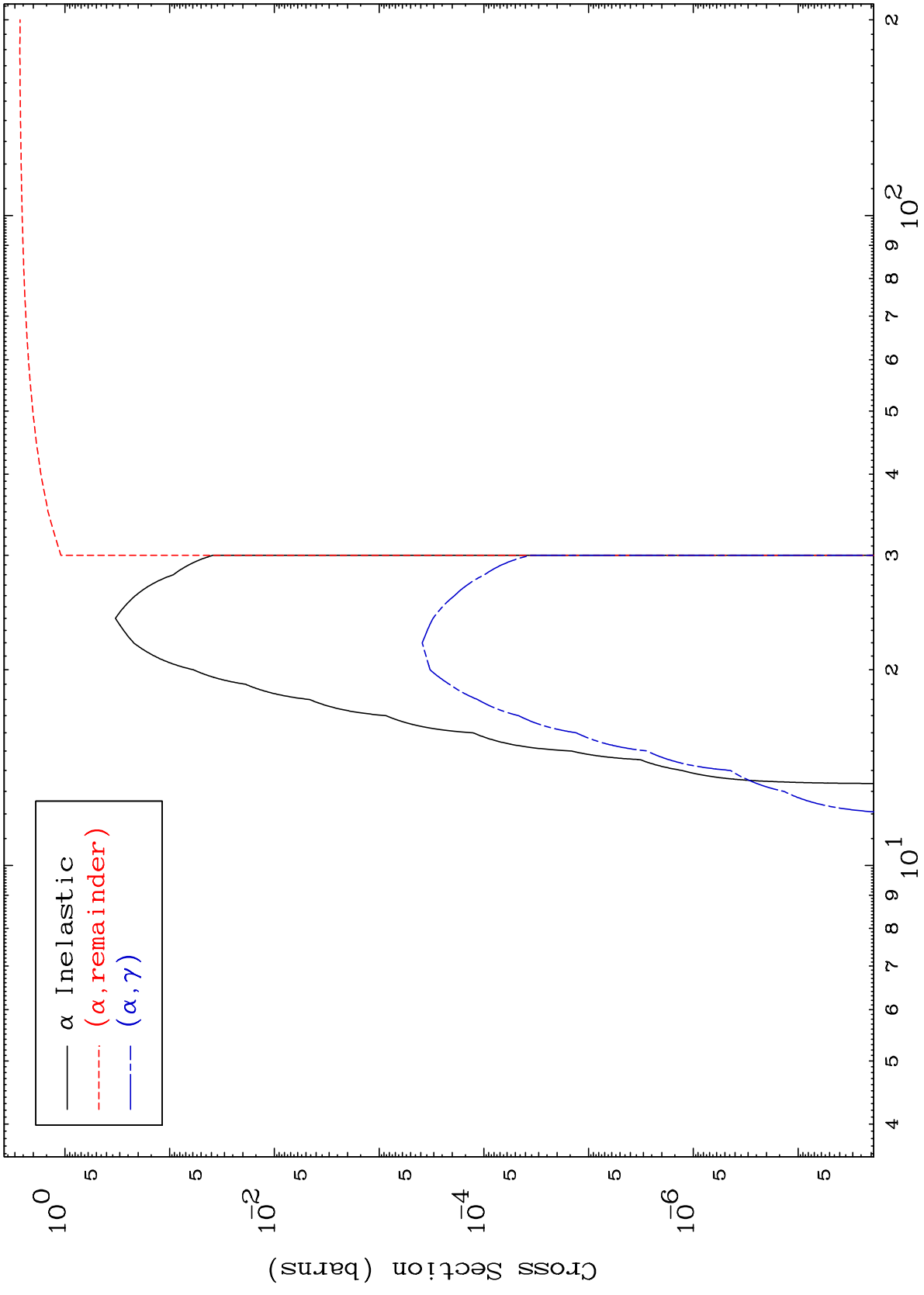
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8019

0 Kelvin α Major

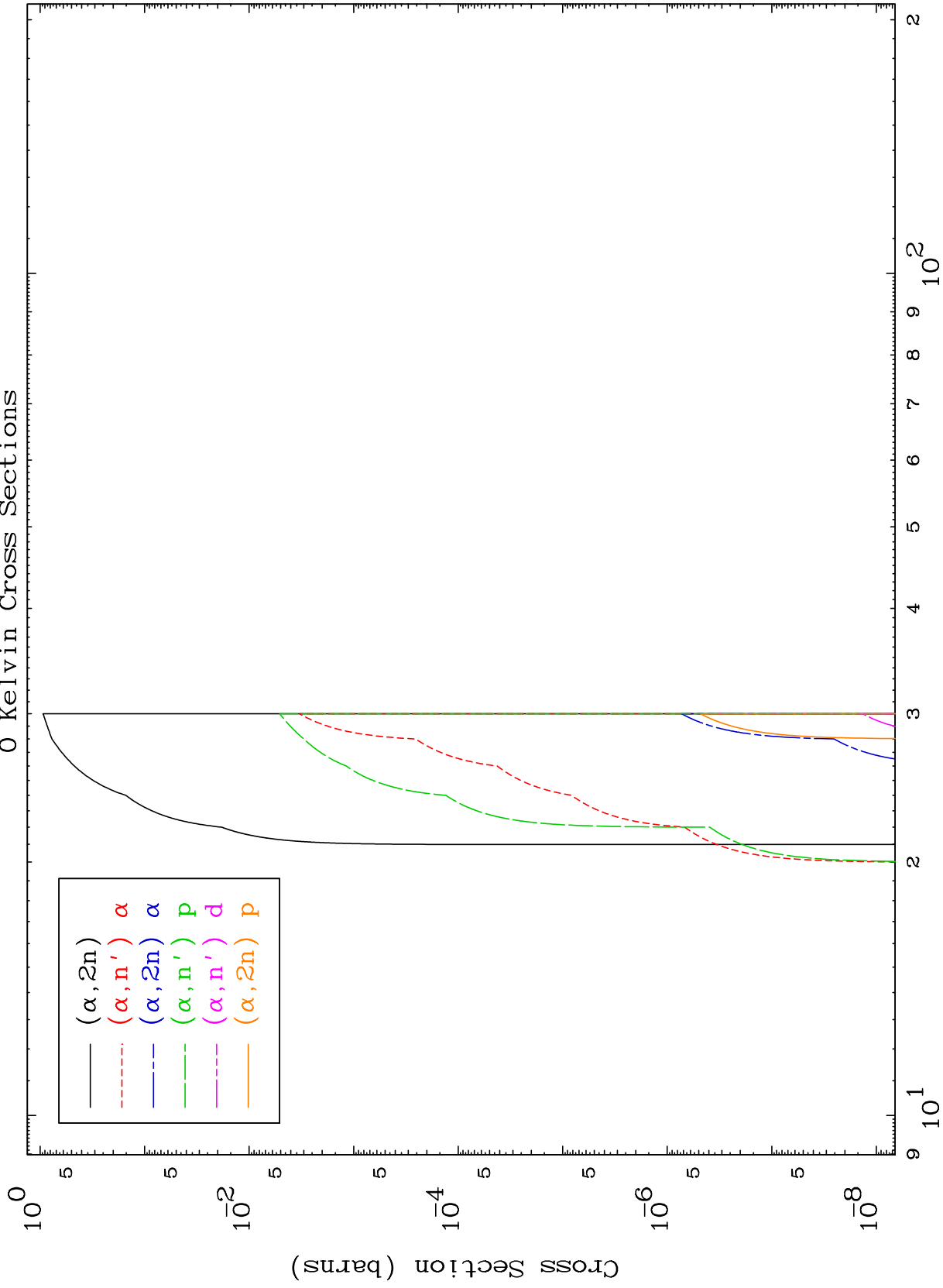
80-Hg-194



MAT 8019

α Neutron Production
0 Kelvin Cross Sections

80-Hg-194



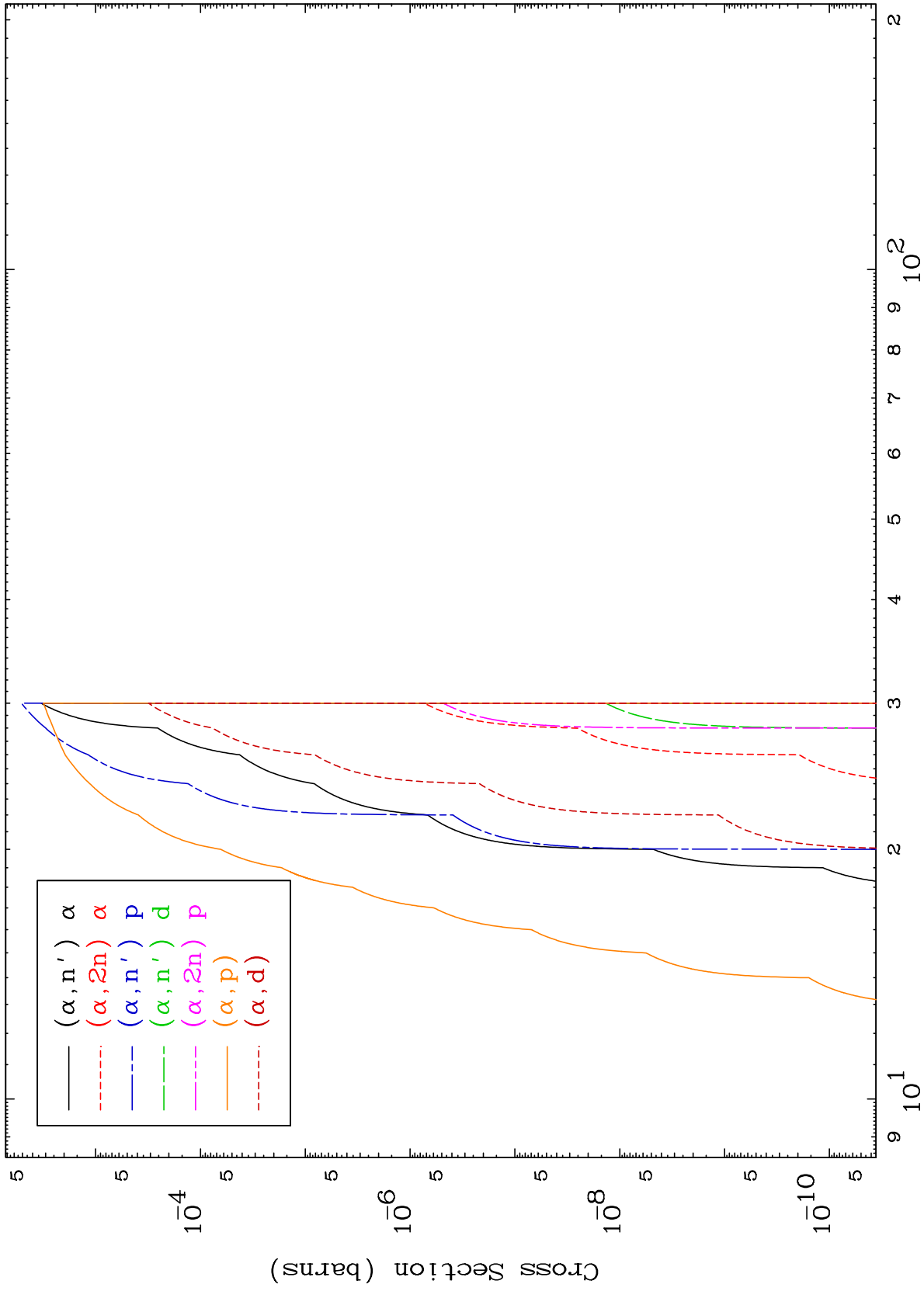
Incident Energy (MeV)

80-Hg-194

MAT 8019

α Charged Particle
0 Kelvin Cross Sections

80-Hg-194



3

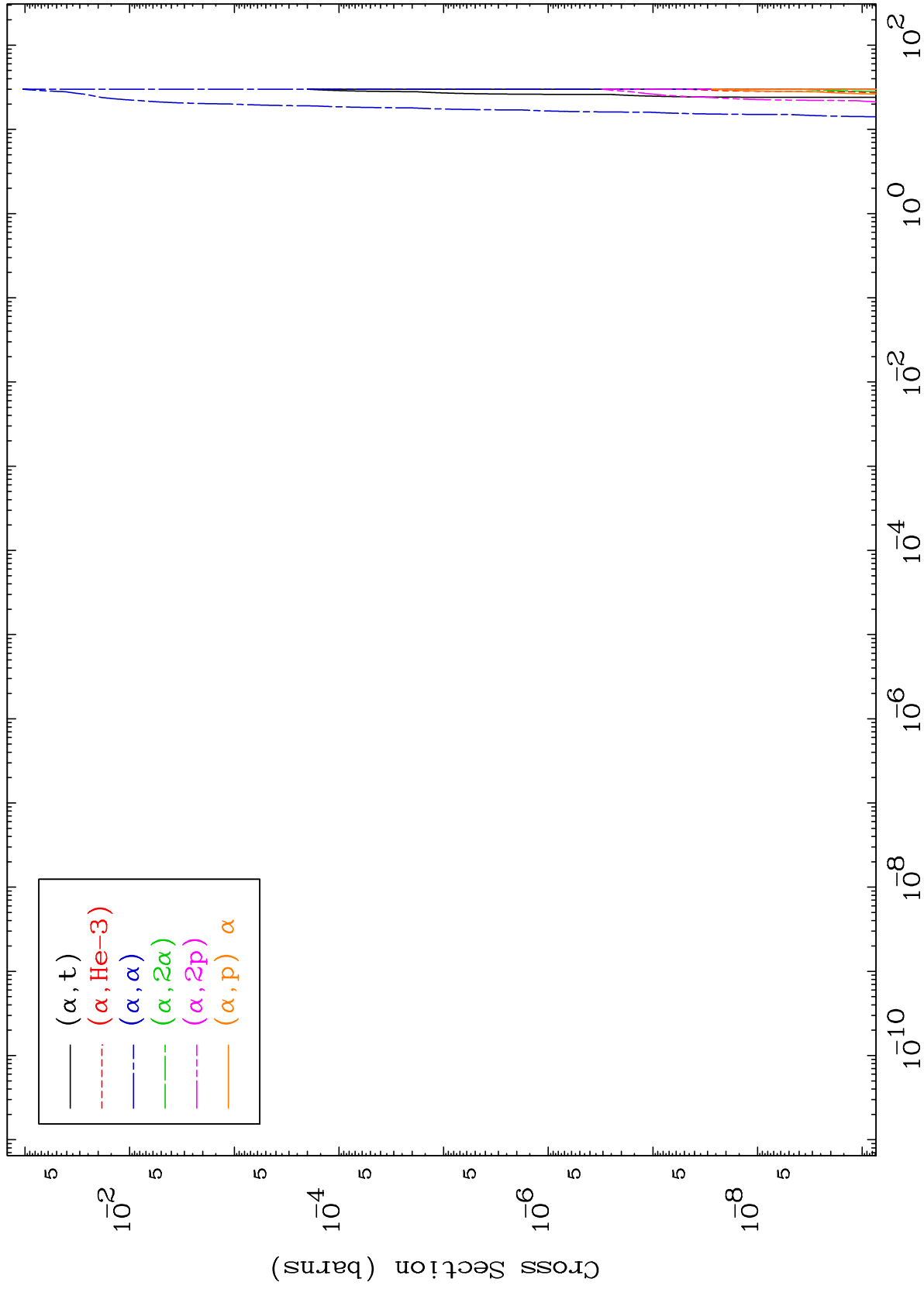
Incident Energy (MeV)

80-Hg-194

MAT 8019

α Charged Particle
0 Kelvin Cross Sections

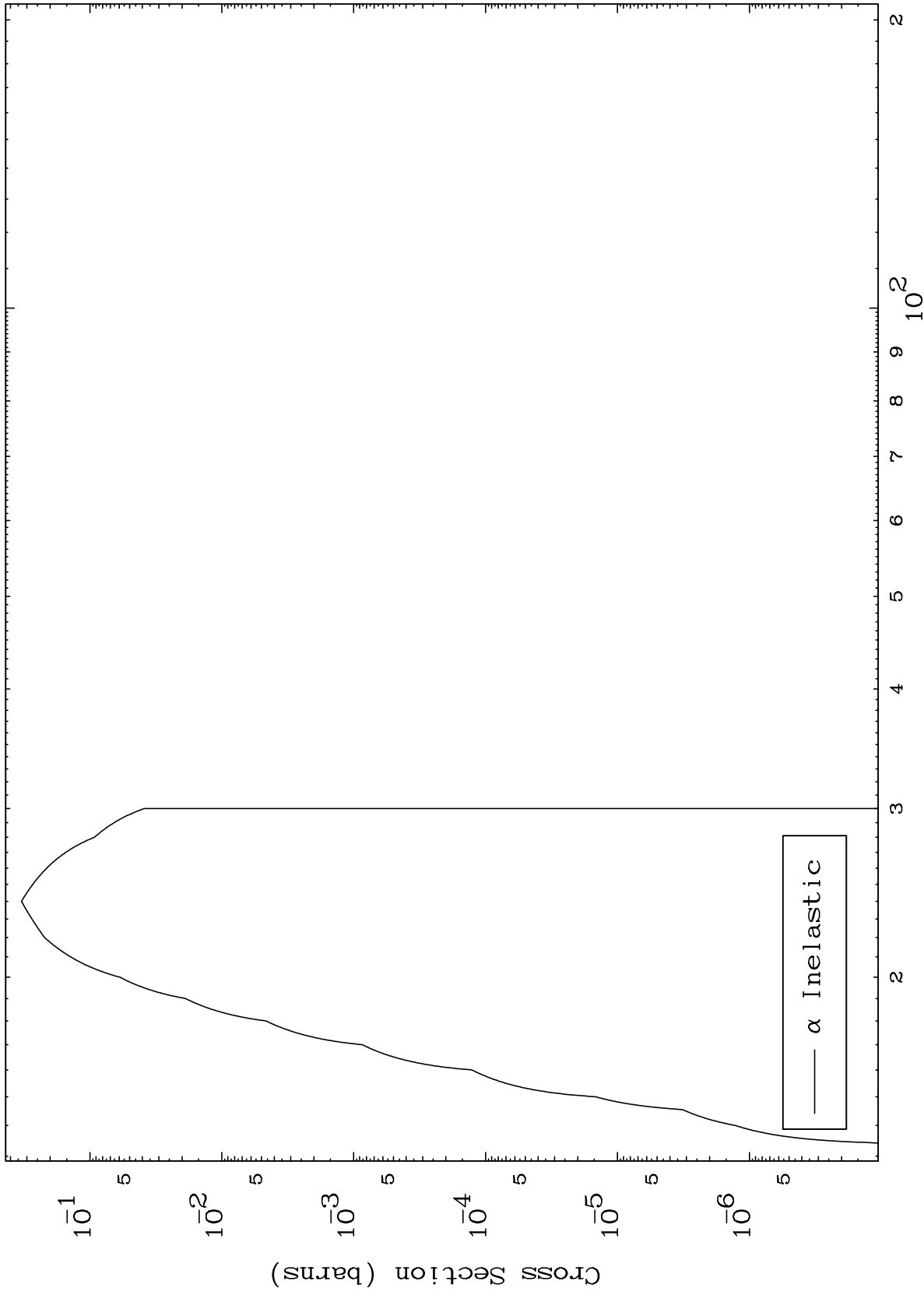
80-Hg-194



MAT 8019

(α, n') Level
0 Kelvin Cross Sections

80-Hg-194



— α Inelastic

5

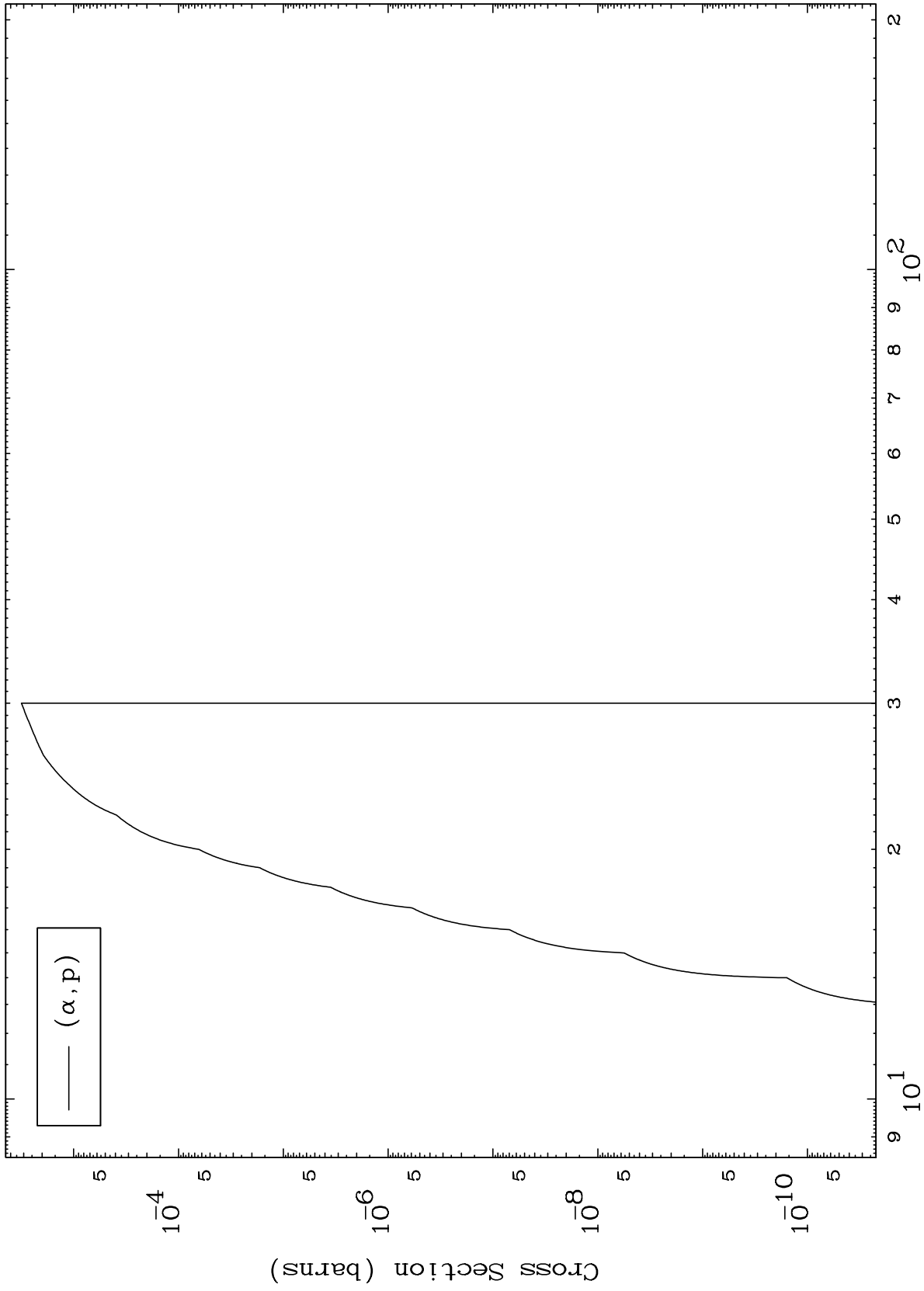
Incident Energy (MeV)

80-Hg-194

MAT 8019

(α, p) Levels
0 Kelvin Cross Sections

80-Hg-194



6

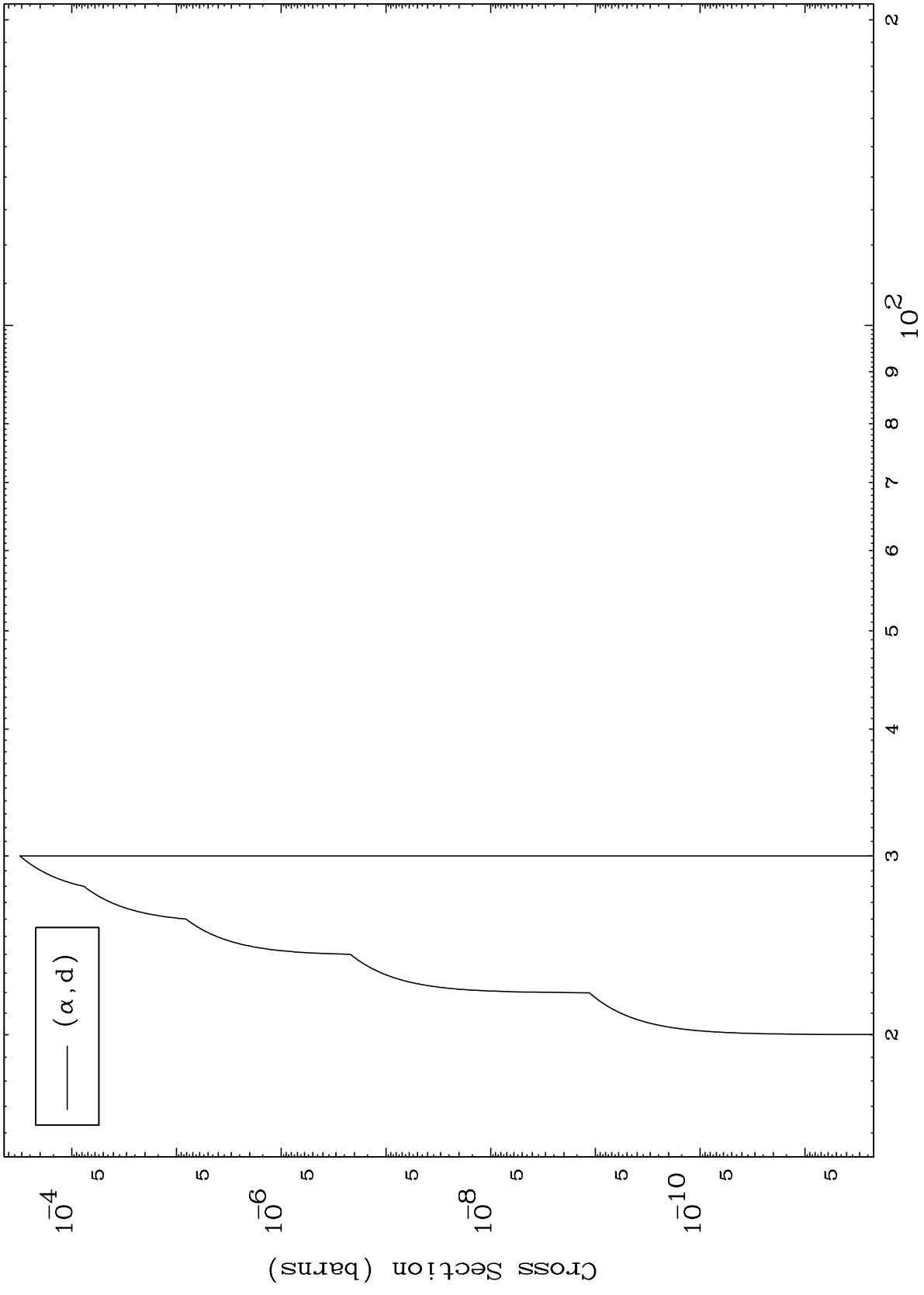
Incident Energy (MeV)

80-Hg-194

MAT 8019

(α, d) Levels
0 Kelvin Cross Sections

80-Hg-194



7

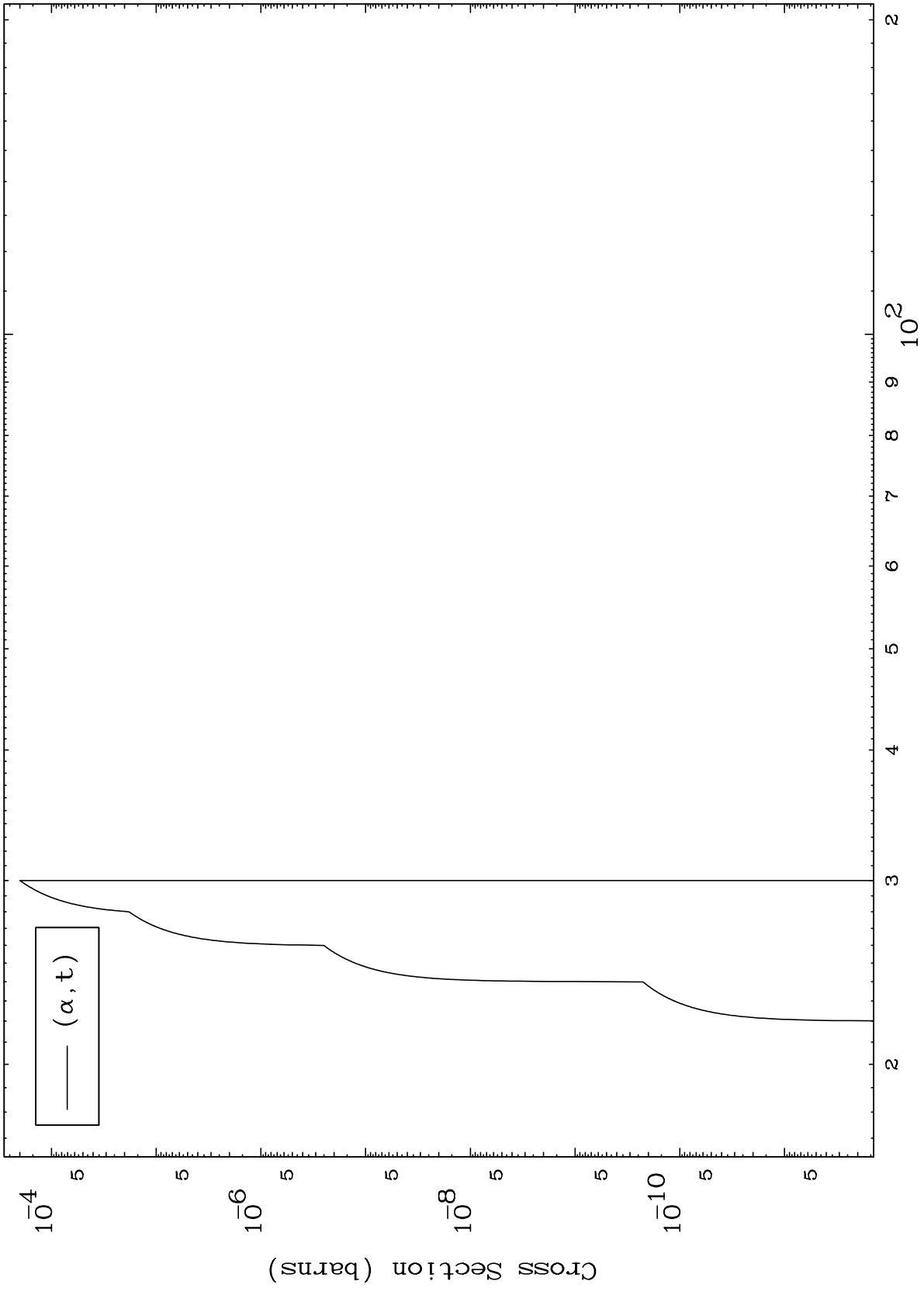
Incident Energy (MeV)

80-Hg-194

MAT 8019

(α, t) Levels
0 Kelvin Cross Sections

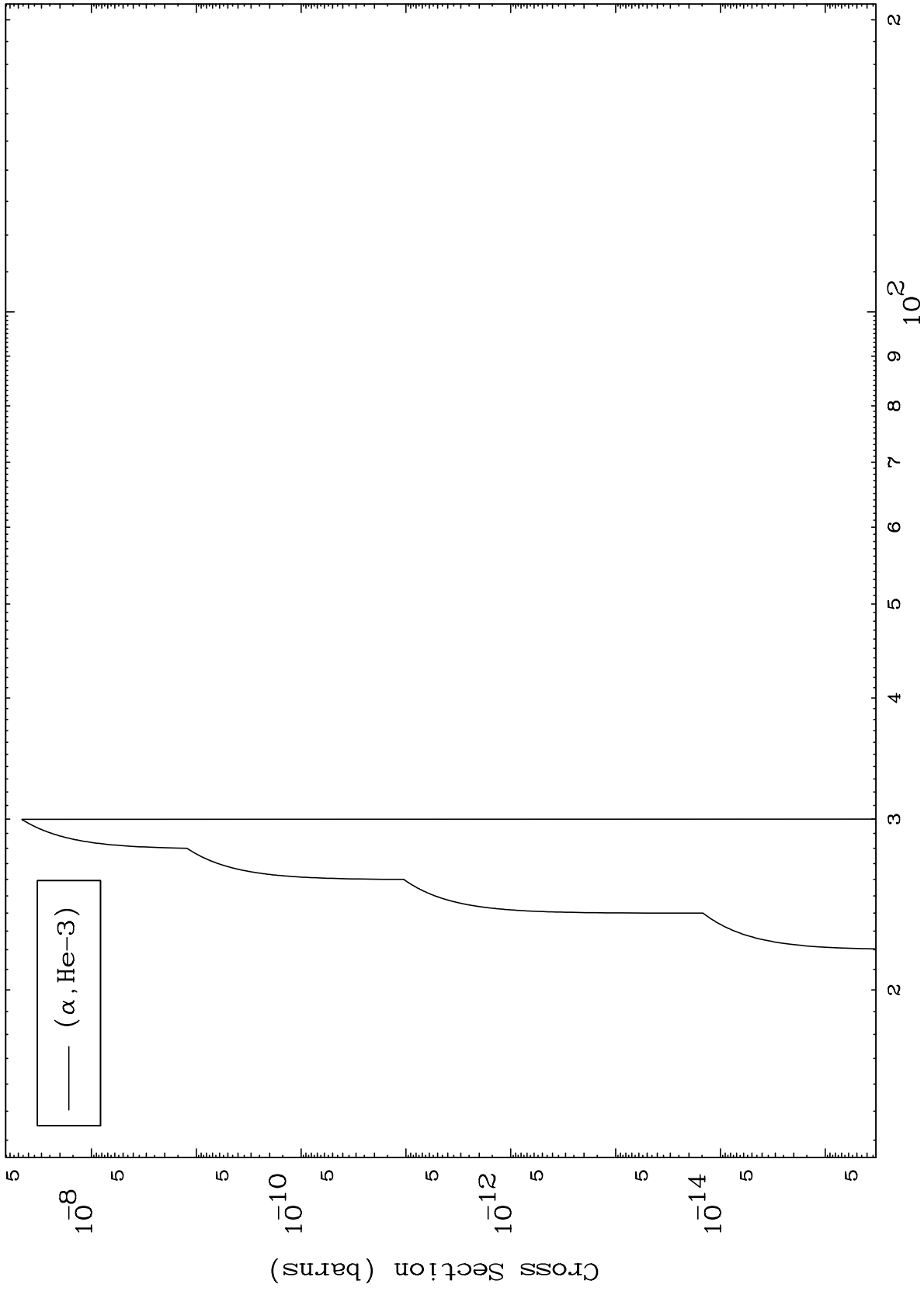
80-Hg-194



8

Incident Energy (MeV)

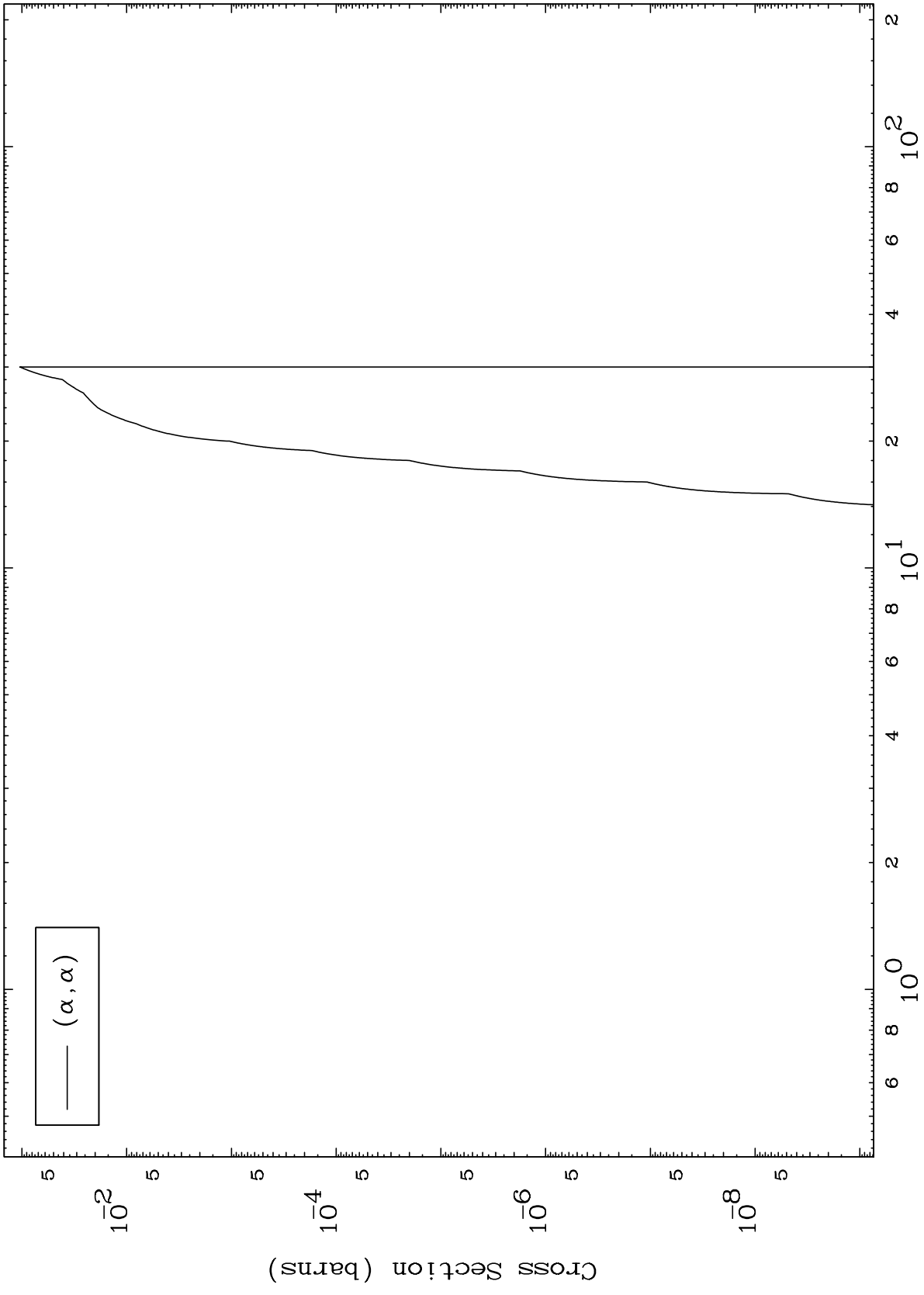
80-Hg-194



MAT 8019

(α, α) Levels
0 Kelvin Cross Sections

80-Hg-194

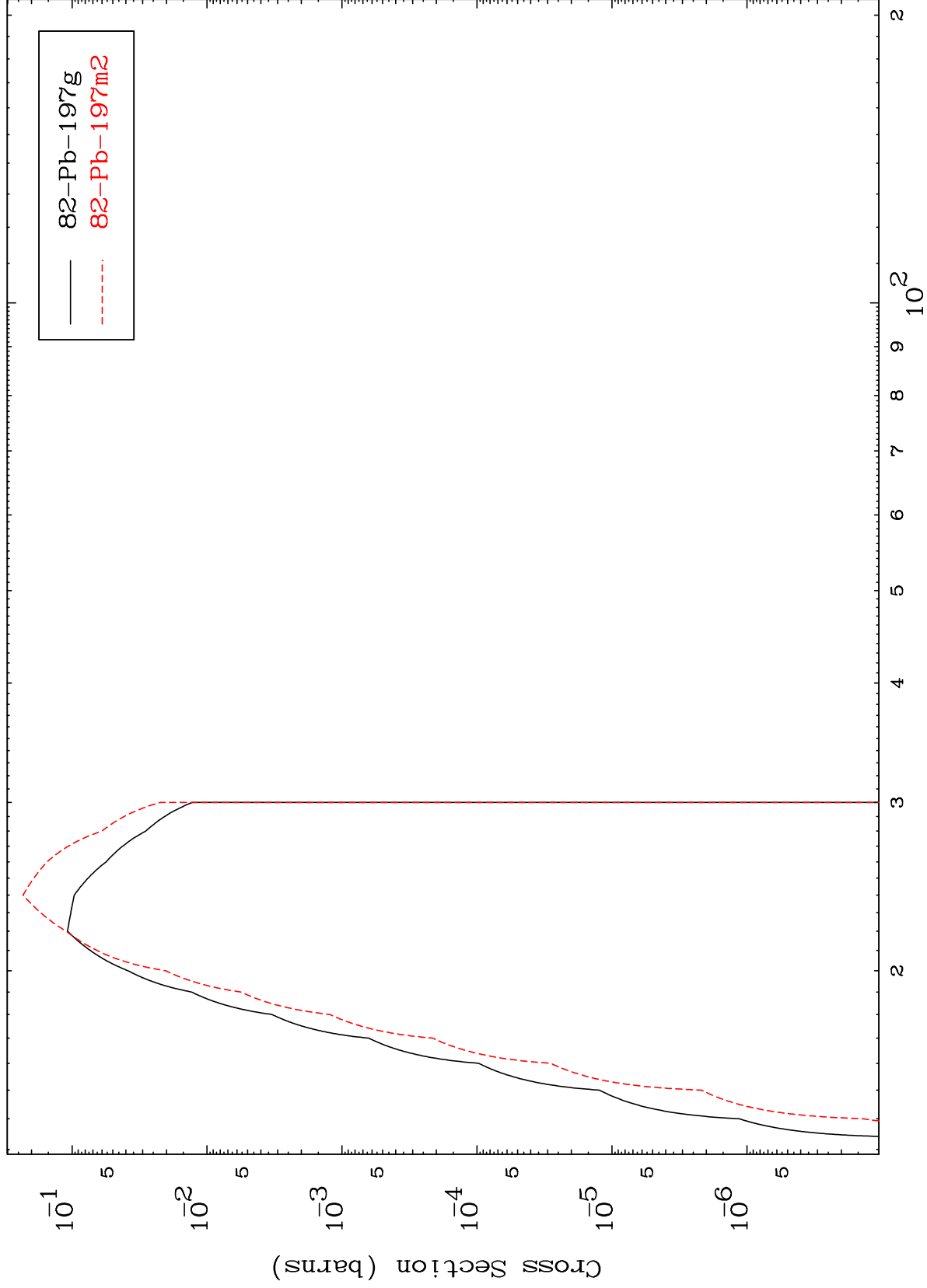


10

Incident Energy (MeV)

80-Hg-194

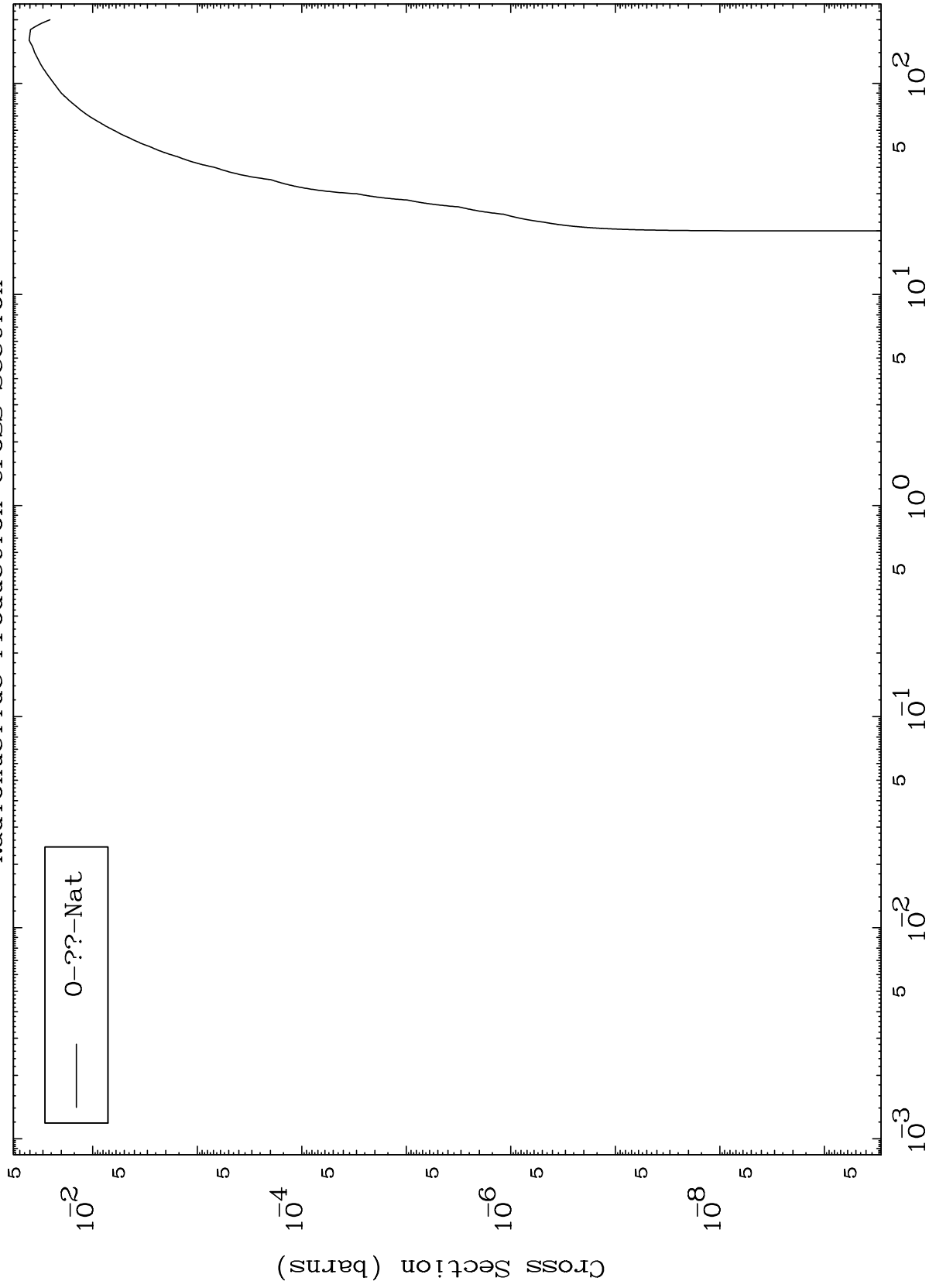
Radionuclide Production Cross Section



MAT 8019

α Fission
Radionuclide Production Cross Section

80-Hg-194



12

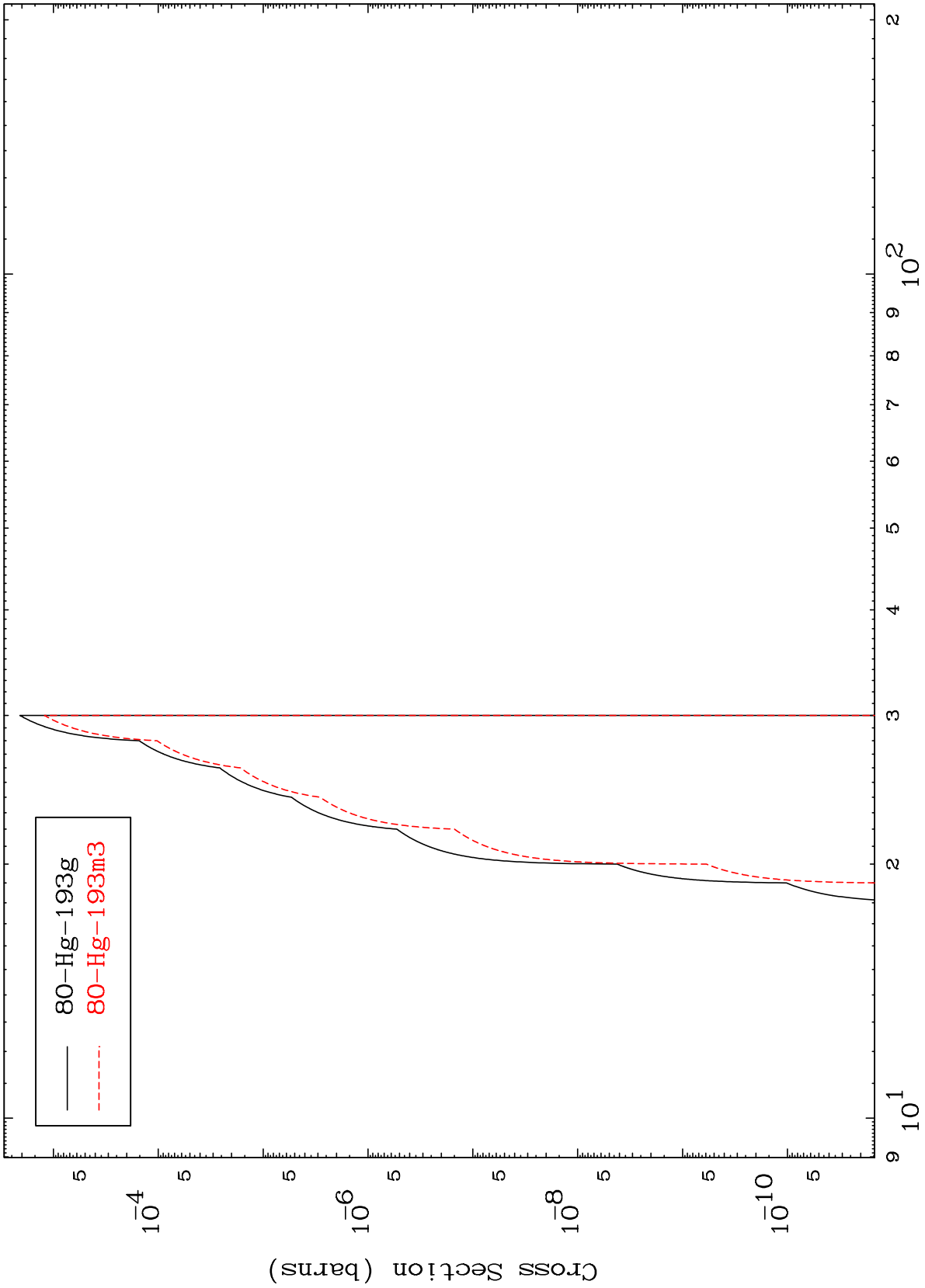
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(α, n') α
Radionuclide Production Cross Section



13

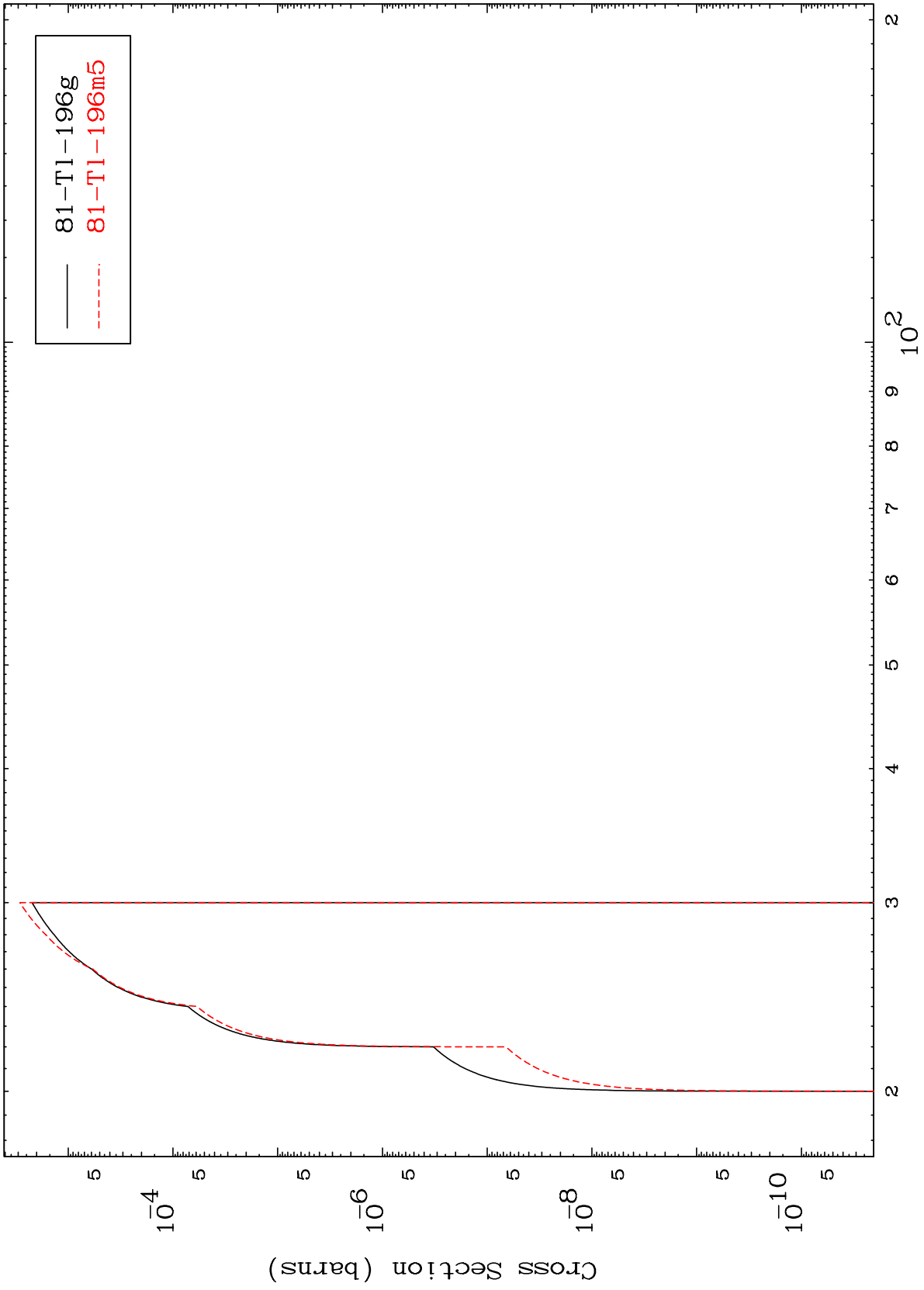
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(α, n') p
Radionuclide Production Cross Section



14

Incident Energy (MeV)

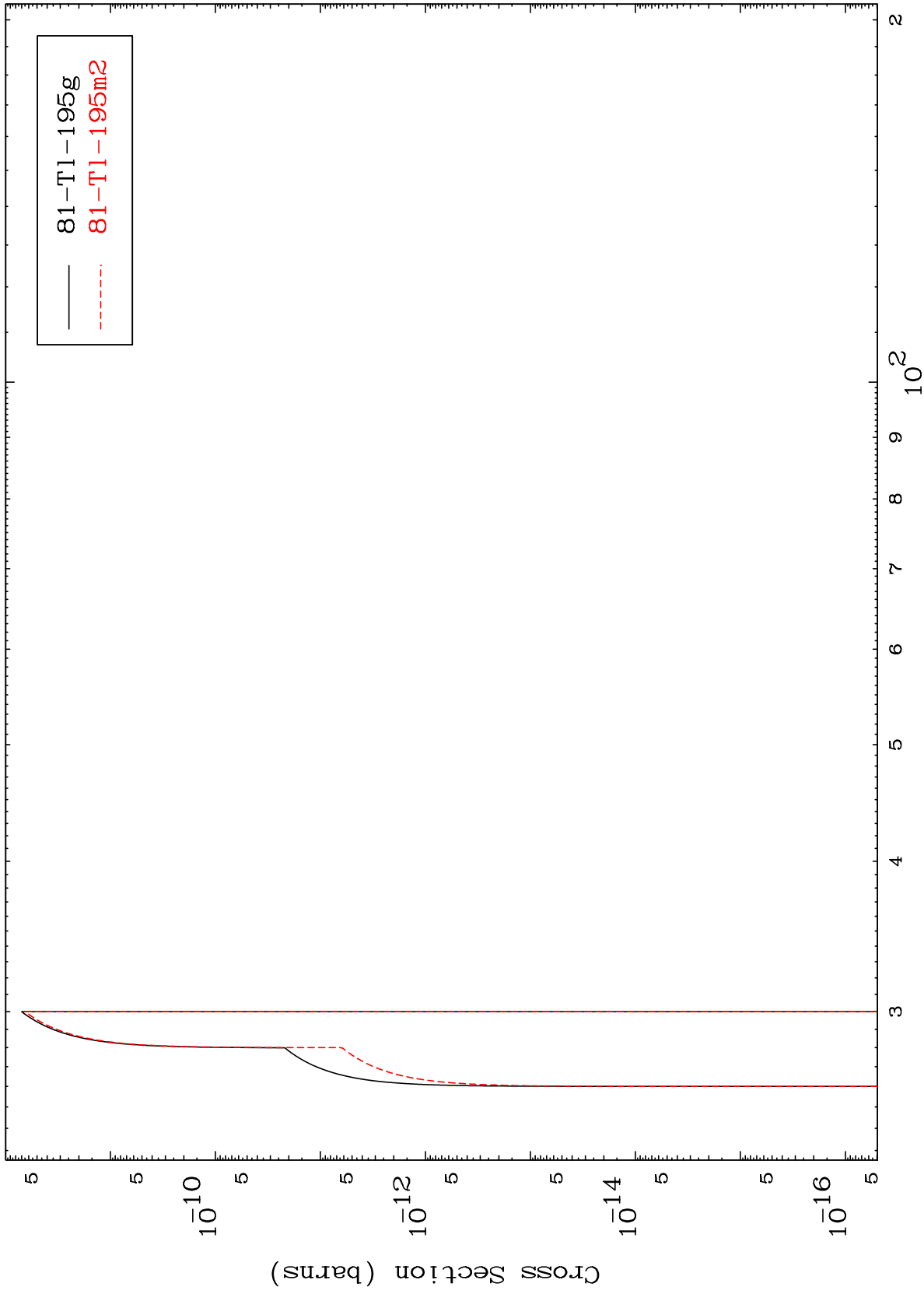
80-Hg-194

MAT 8019

(α, n') d

80-Hg-194

Radionuclide Production Cross Section



15

Incident Energy (MeV)

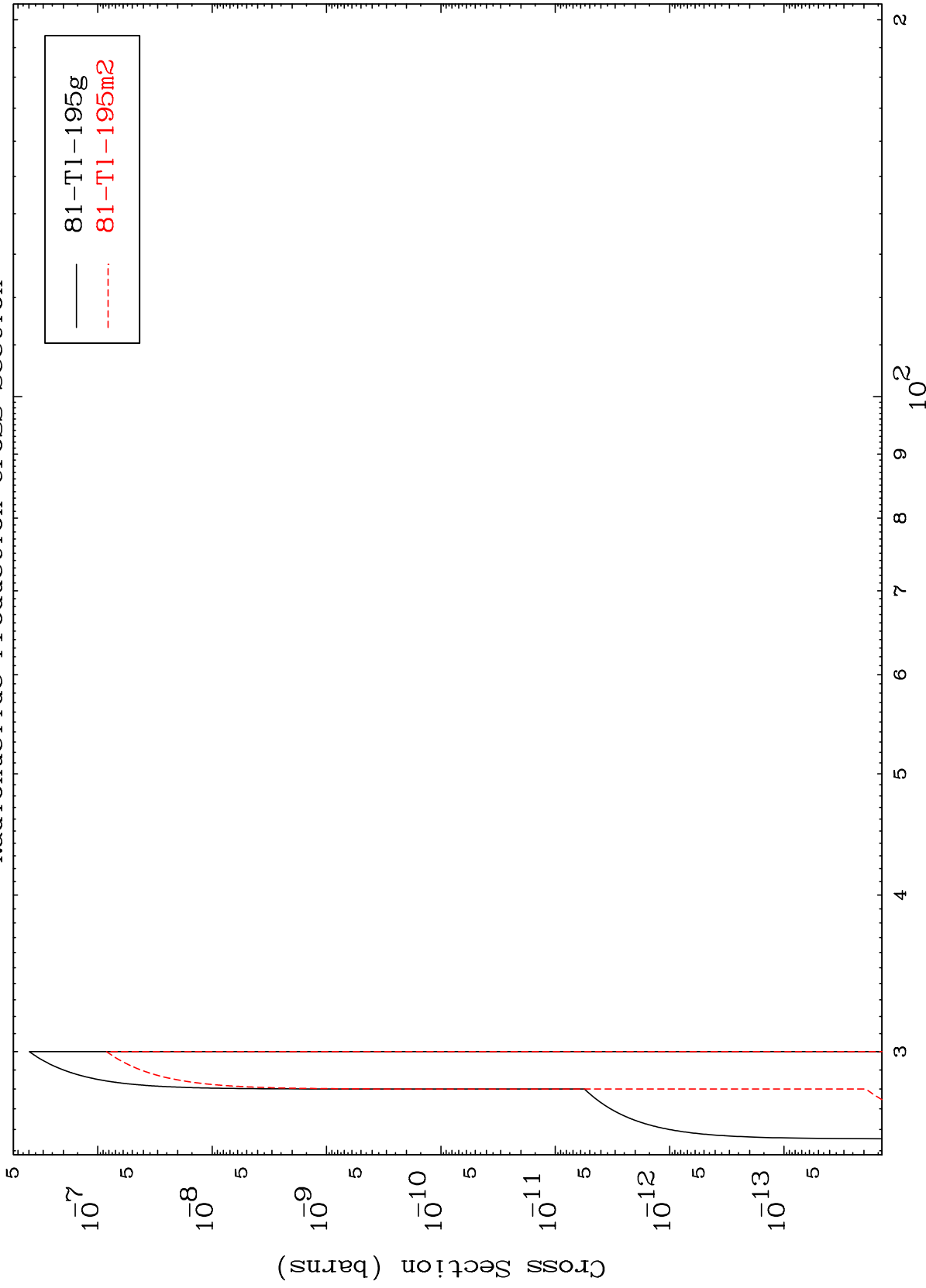
80-Hg-194

MAT 8019

($\alpha, 2n$) p

80-Hg-194

Radionuclide Production Cross Section



16

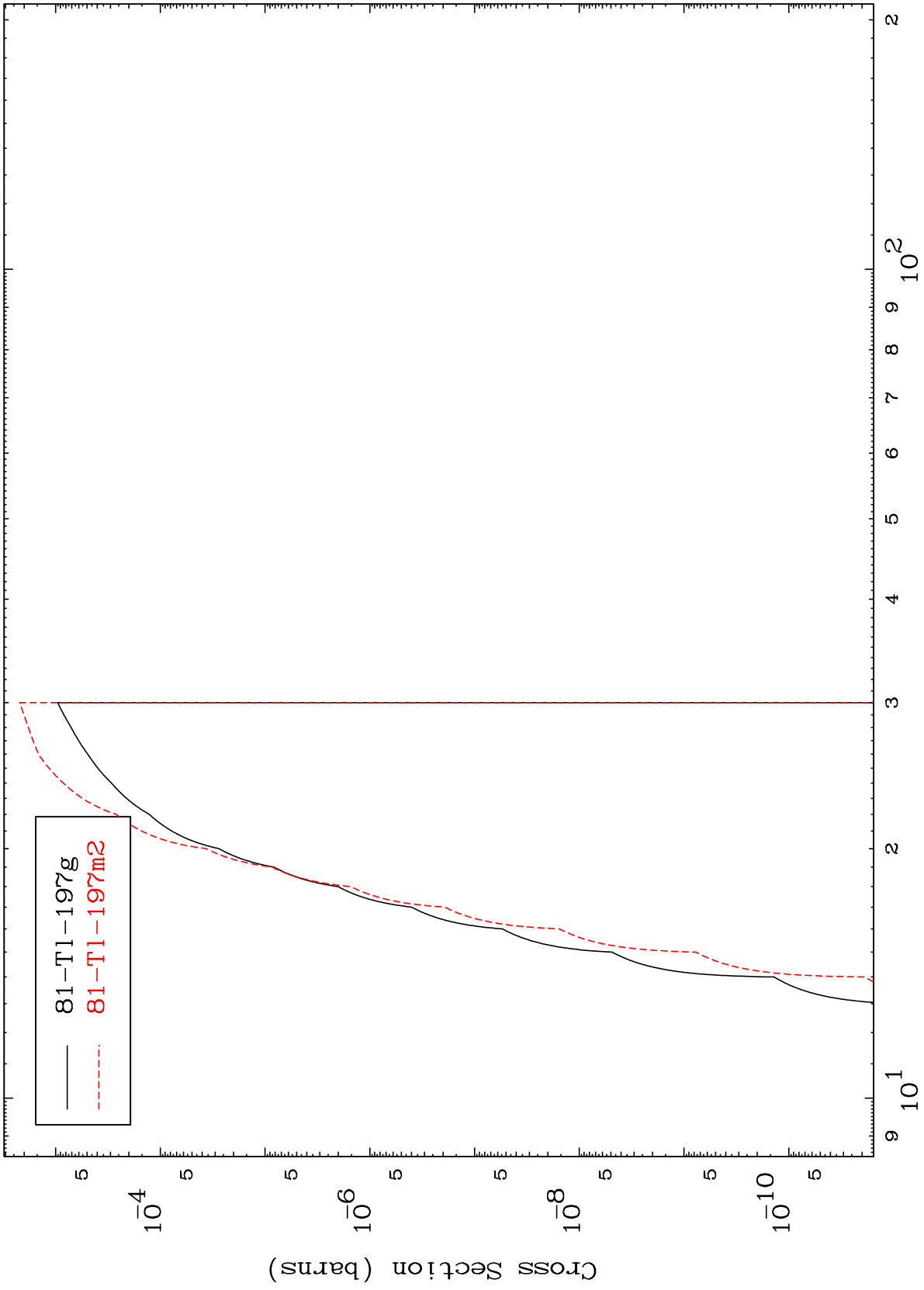
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(α, p)
Radionuclide Production Cross Section



17

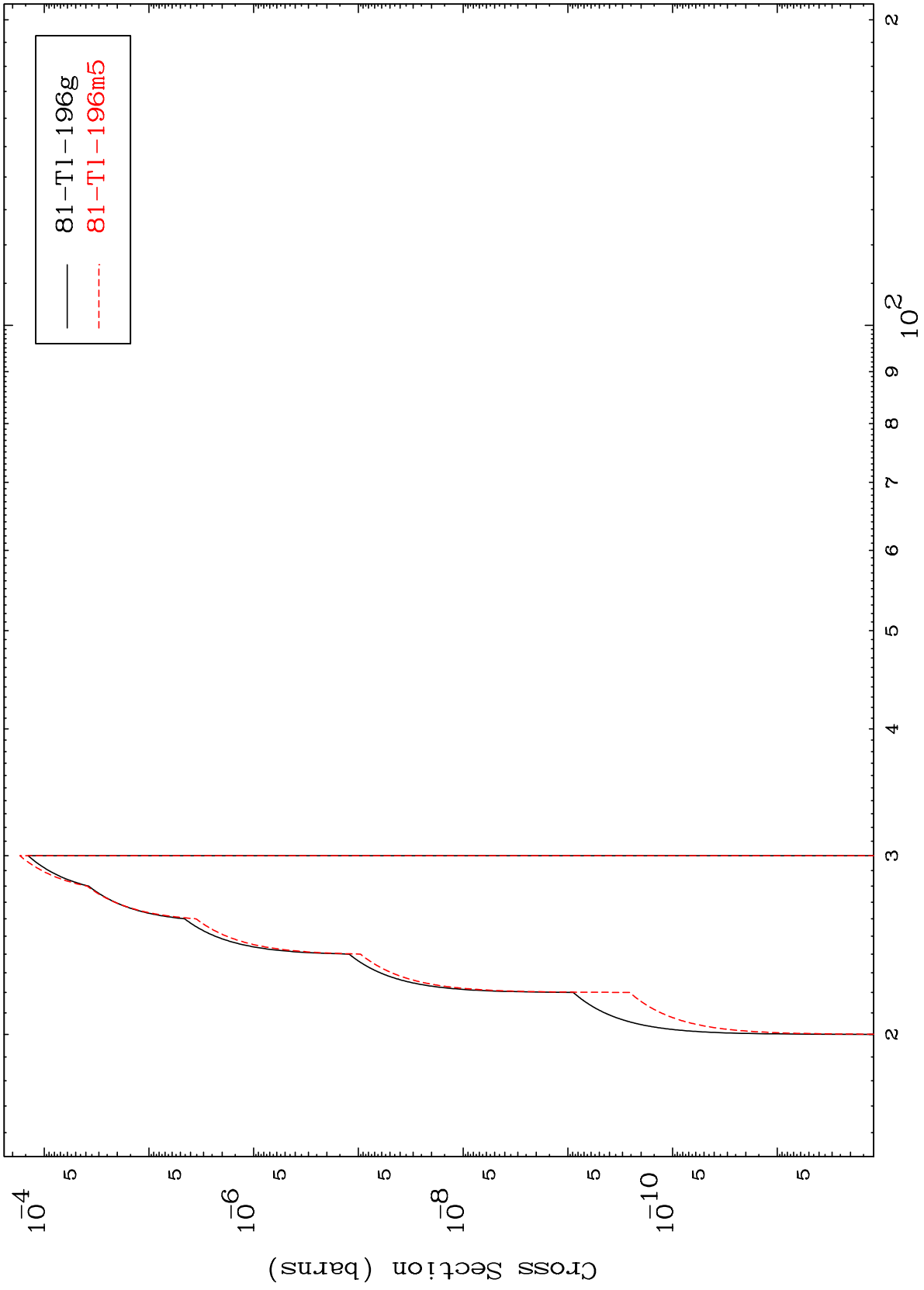
80-Hg-194

MAT 8019

(α, d)

80-Hg-194

Radionuclide Production Cross Section



18

Incident Energy (MeV)

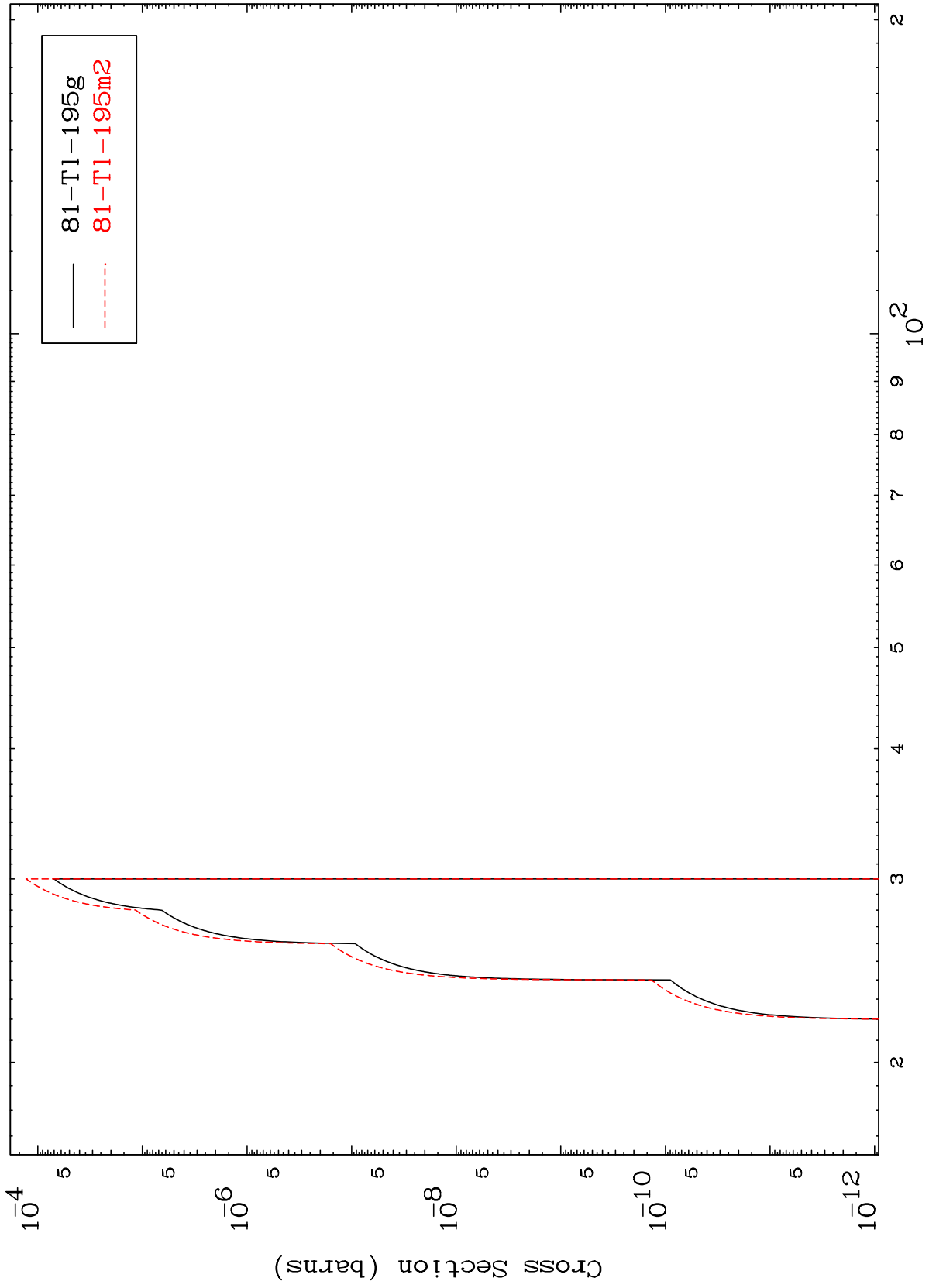
80-Hg-194

MAT 8019

(α, t)

80-Hg-194

Radionuclide Production Cross Section



19

Incident Energy (MeV)

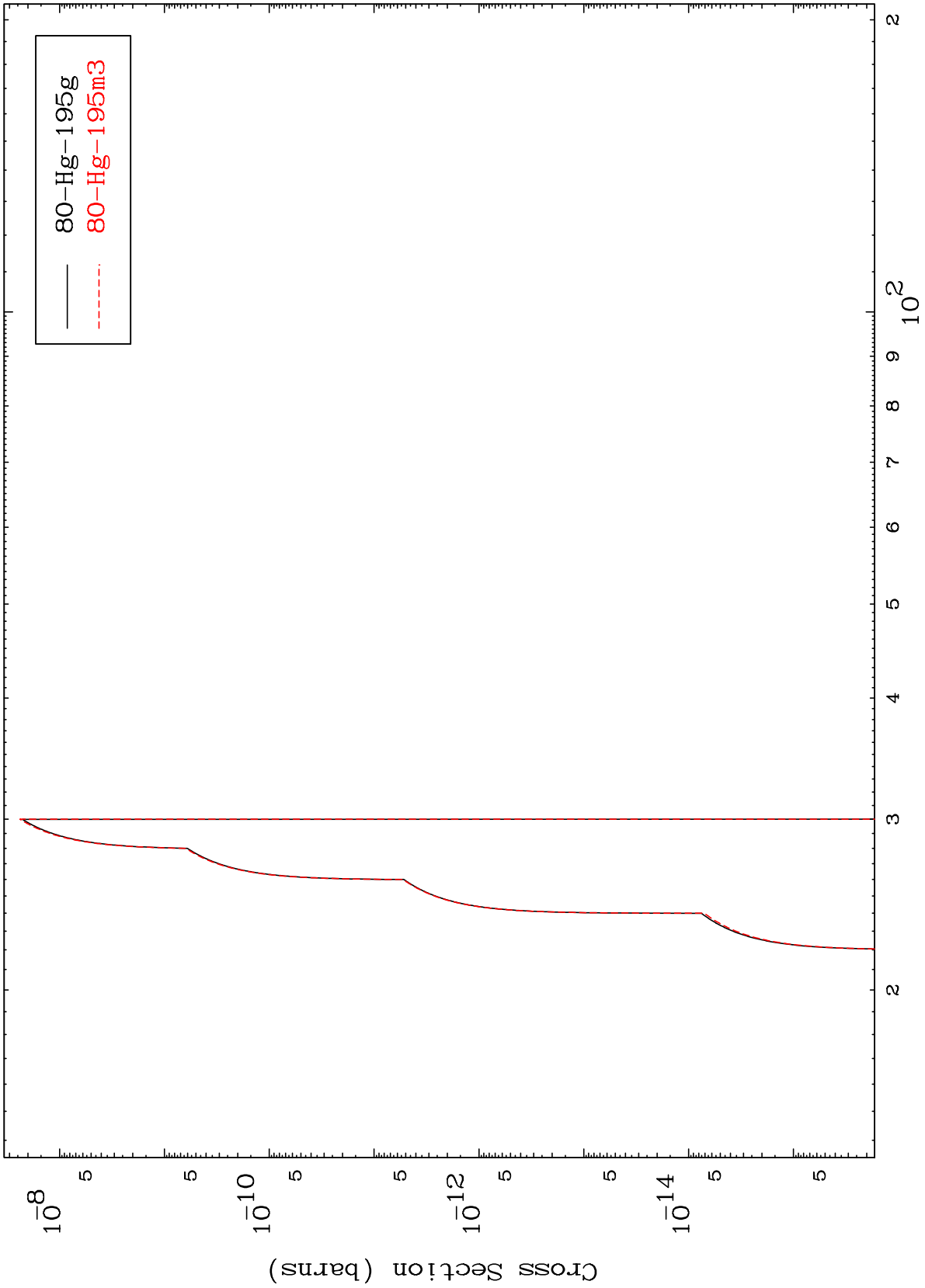
80-Hg-194

MAT 8019

($\alpha, \text{He-3}$)

80-Hg-194

Radionuclide Production Cross Section



20

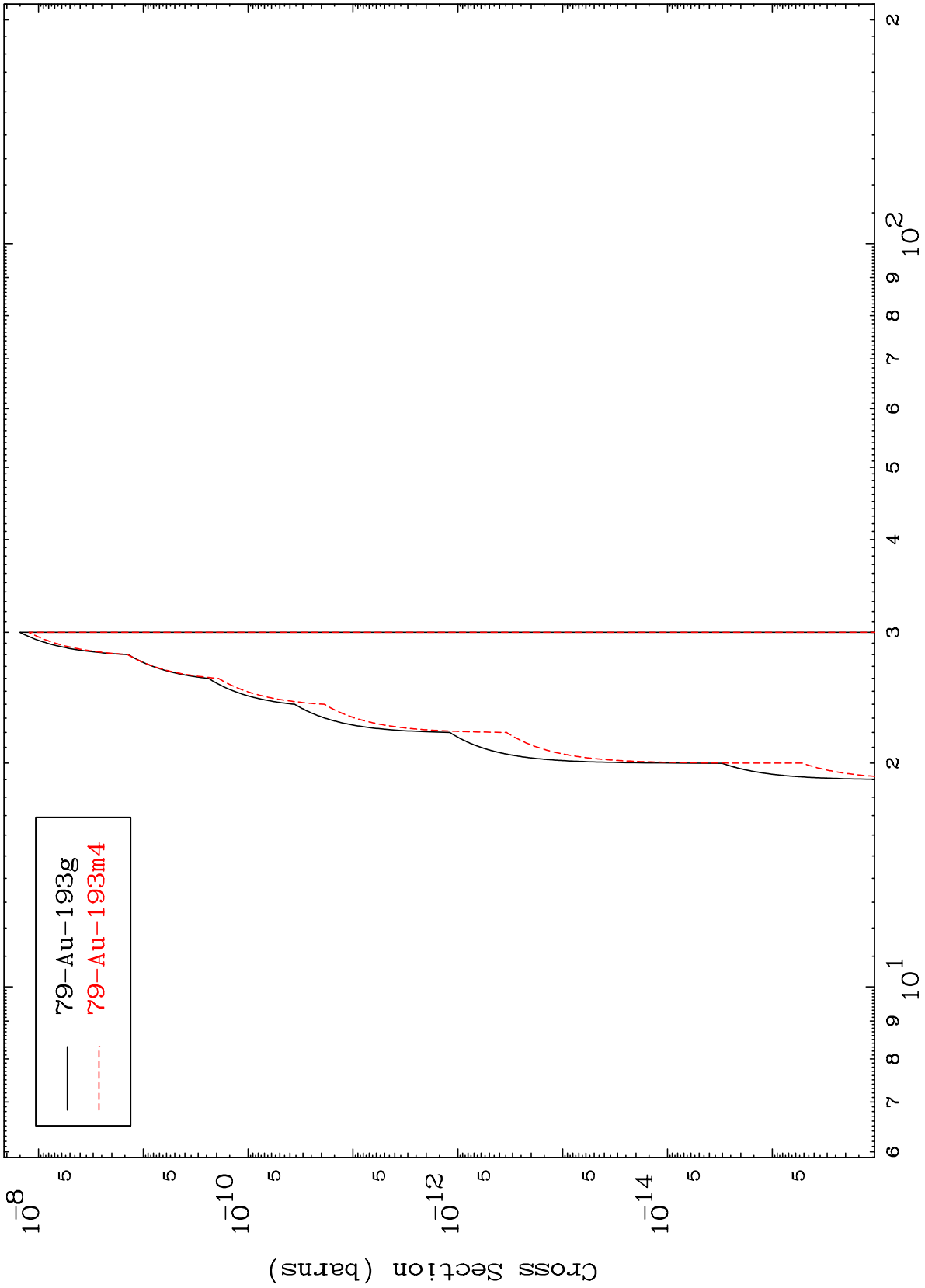
Incident Energy (MeV)

80-Hg-194

MAT 8019

80-Hg-194

(α, p) α
Radionuclide Production Cross Section



21

80-Hg-194

Incident Energy (MeV)