

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

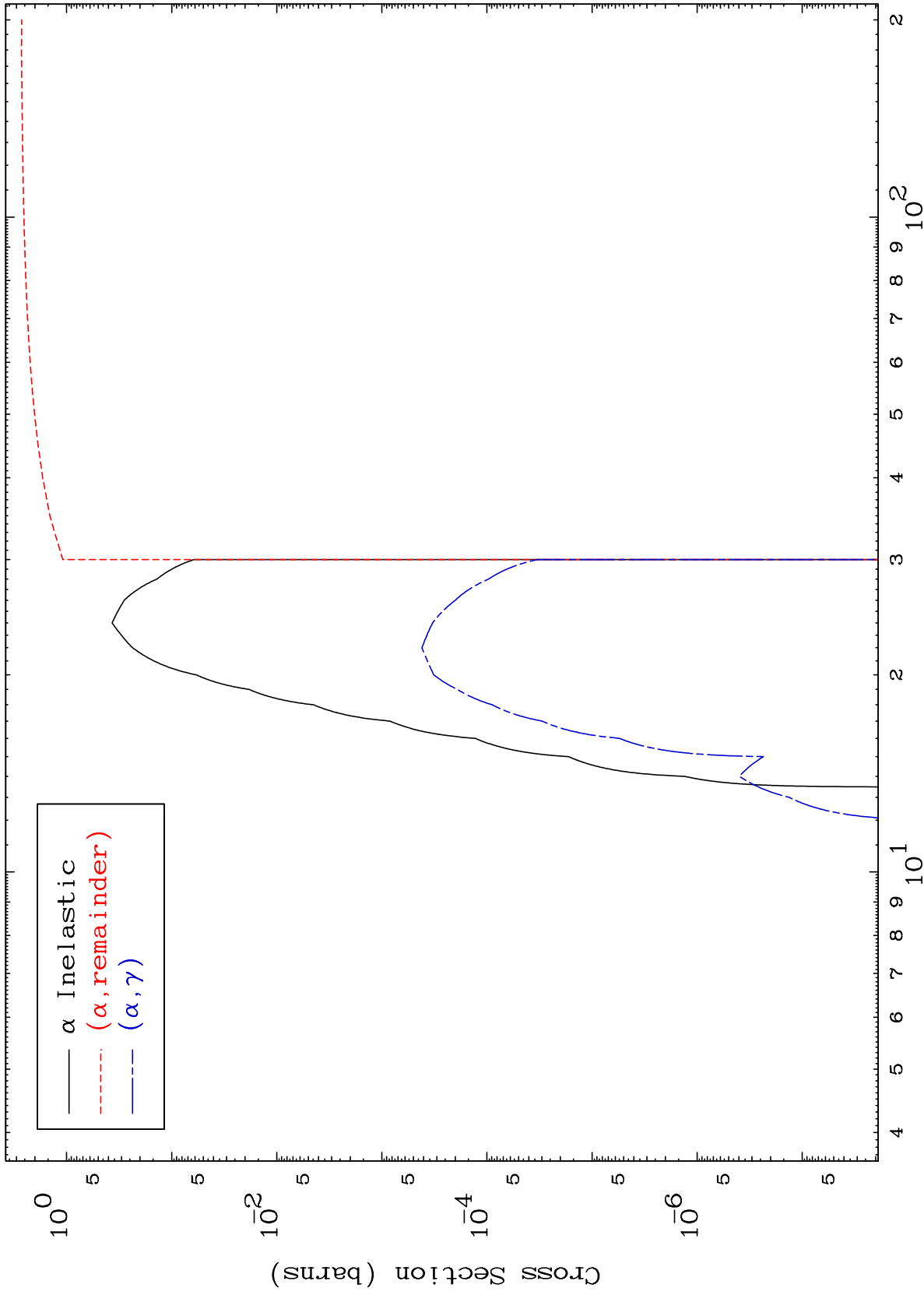
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8017

0 Kelvin α Major

80-Hg-193



1

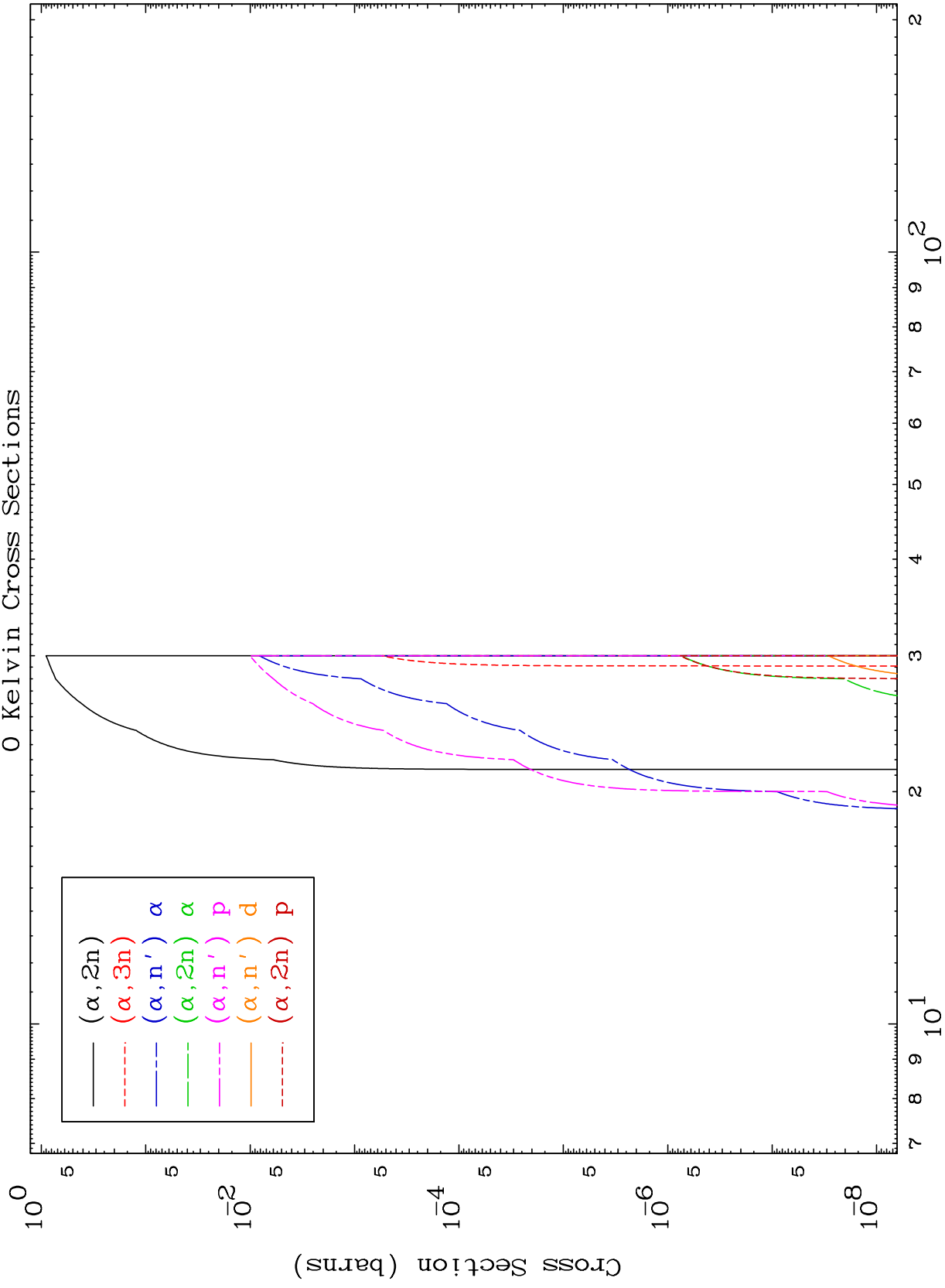
Incident Energy (MeV)

80-Hg-193

MAT 8017

α Neutron Production
0 Kelvin Cross Sections

80-Hg-193



2

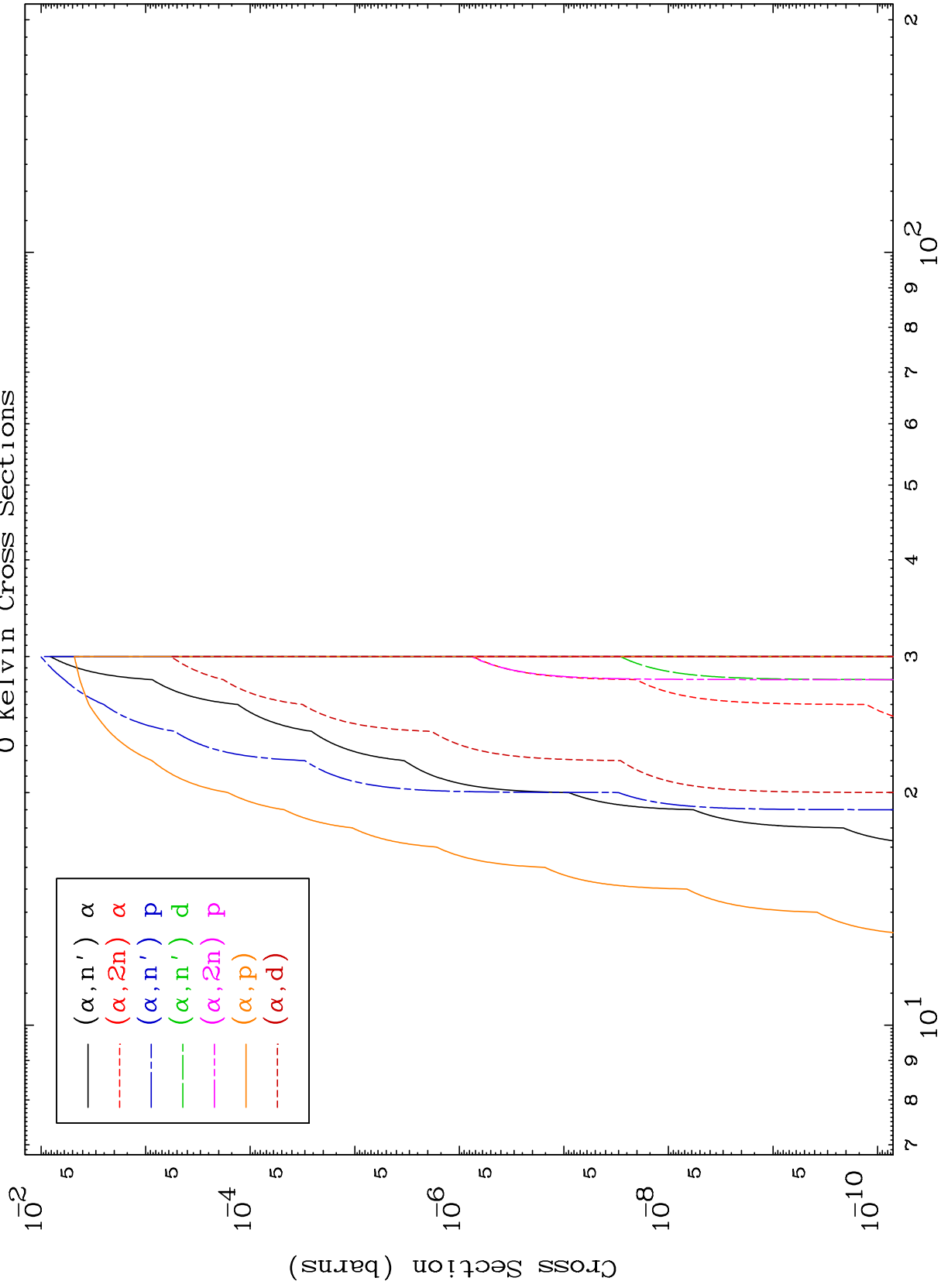
Incident Energy (MeV)

80-Hg-193

MAT 8017

α Charged Particle
0 Kelvin Cross Sections

80-Hg-193



3

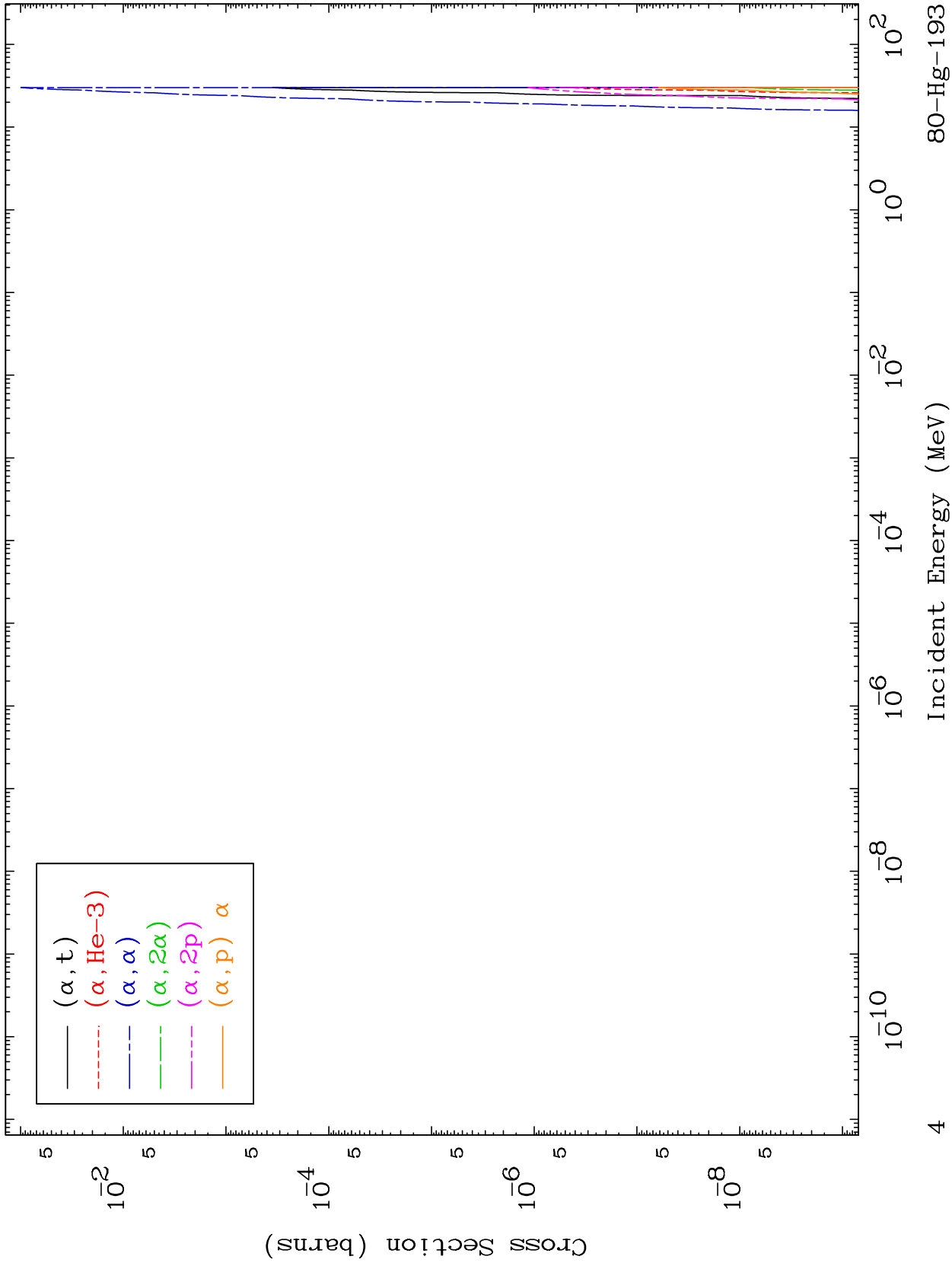
Incident Energy (MeV)

80-Hg-193

MAT 8017

α Charged Particle
0 Kelvin Cross Sections

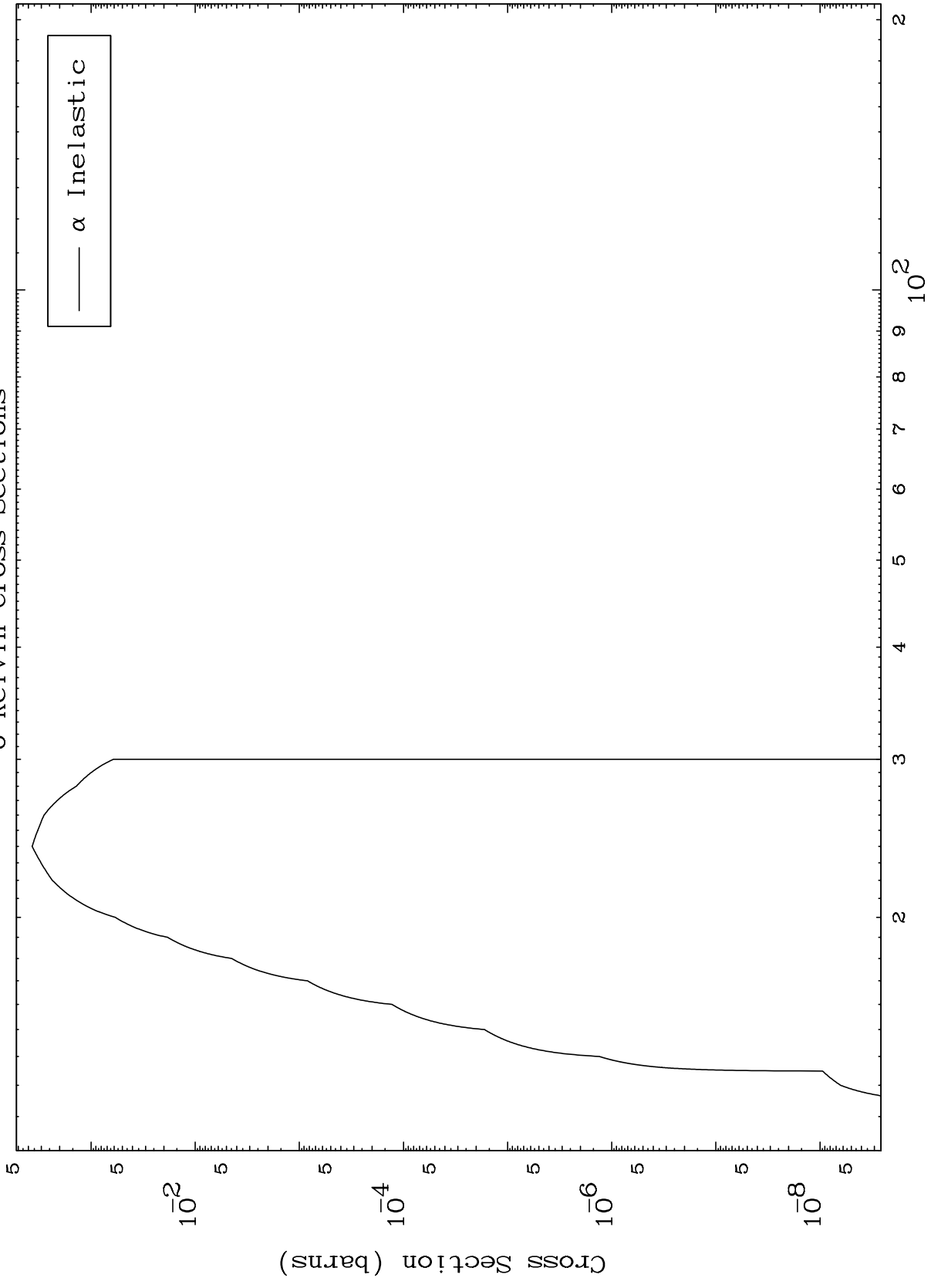
80-Hg-193



MAT 8017

(α, n') Level
0 Kelvin Cross Sections

80-Hg-193



5

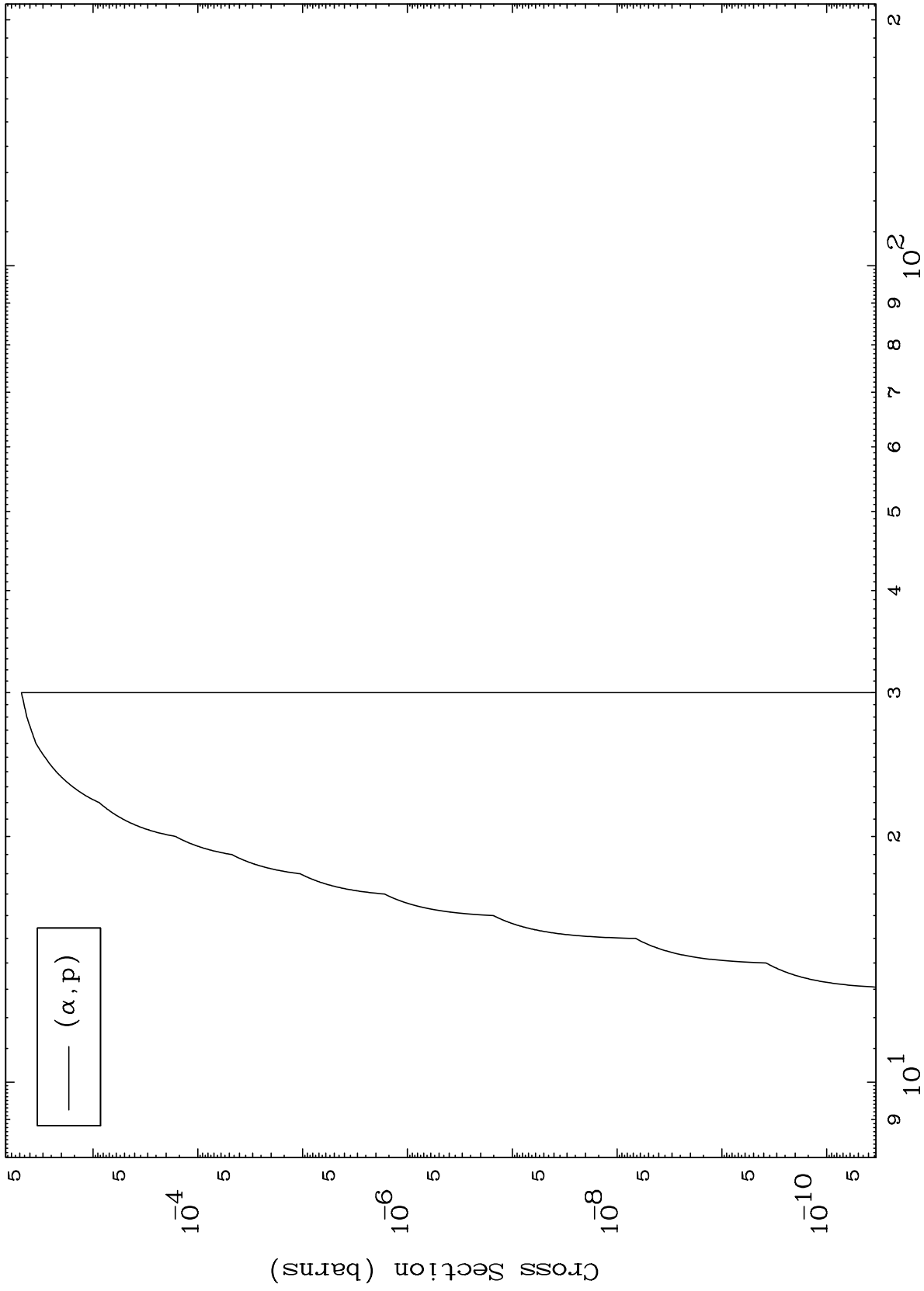
Incident Energy (MeV)

80-Hg-193

MAT 8017

(α, p) Levels
0 Kelvin Cross Sections

80-Hg-193



6

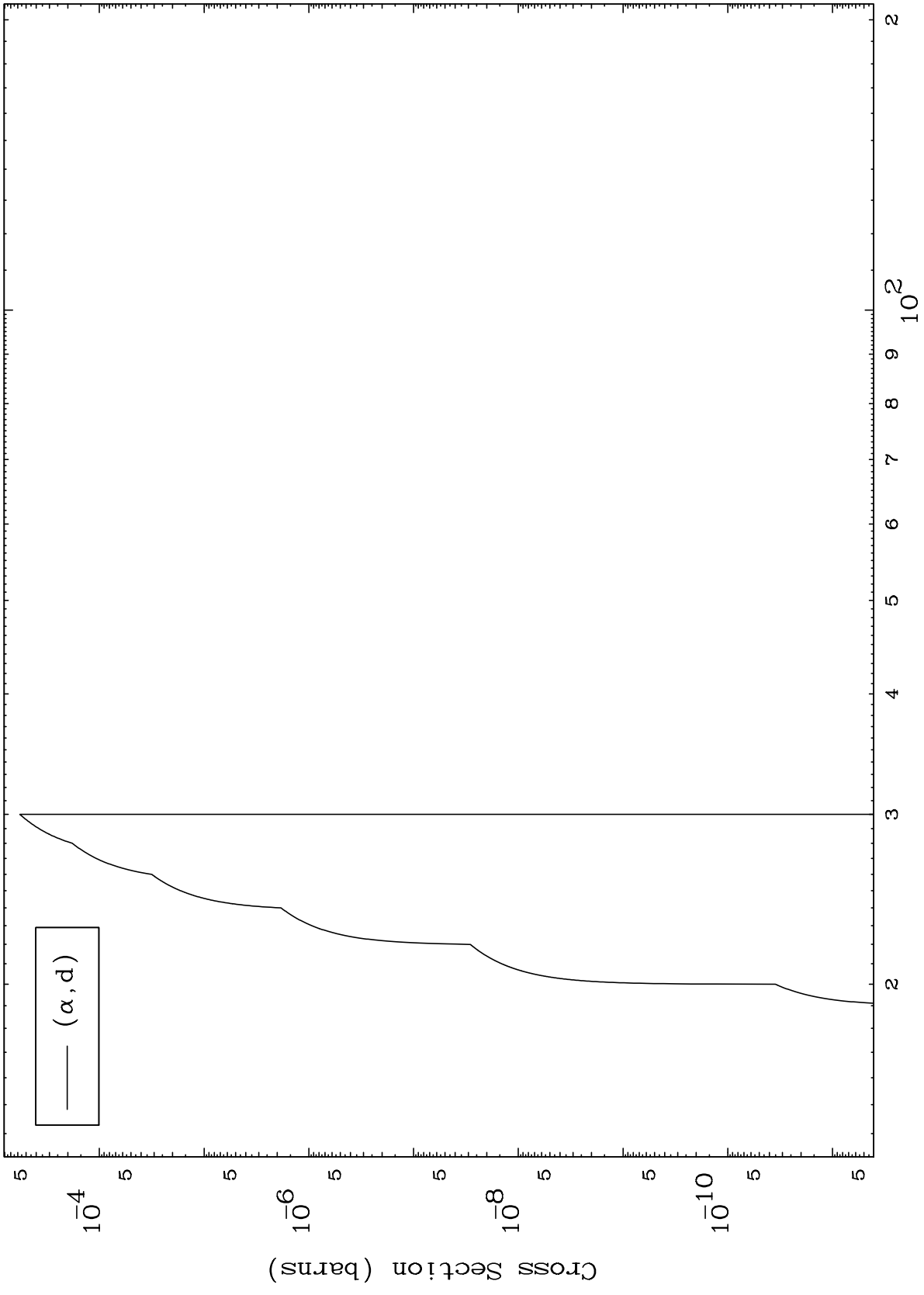
Incident Energy (MeV)

80-Hg-193

MAT 8017

(α, d) Levels
0 Kelvin Cross Sections

80-Hg-193



7

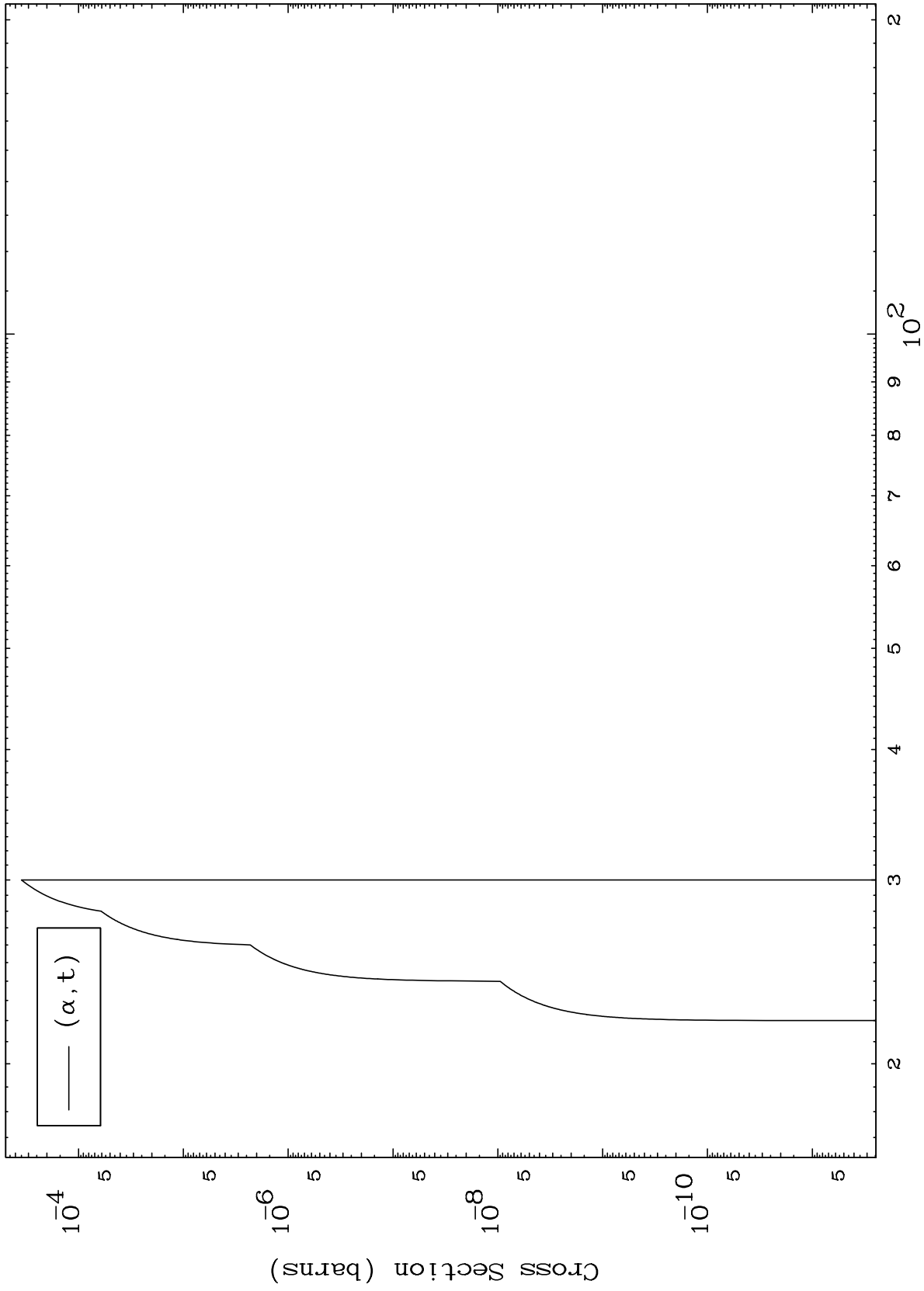
Incident Energy (MeV)

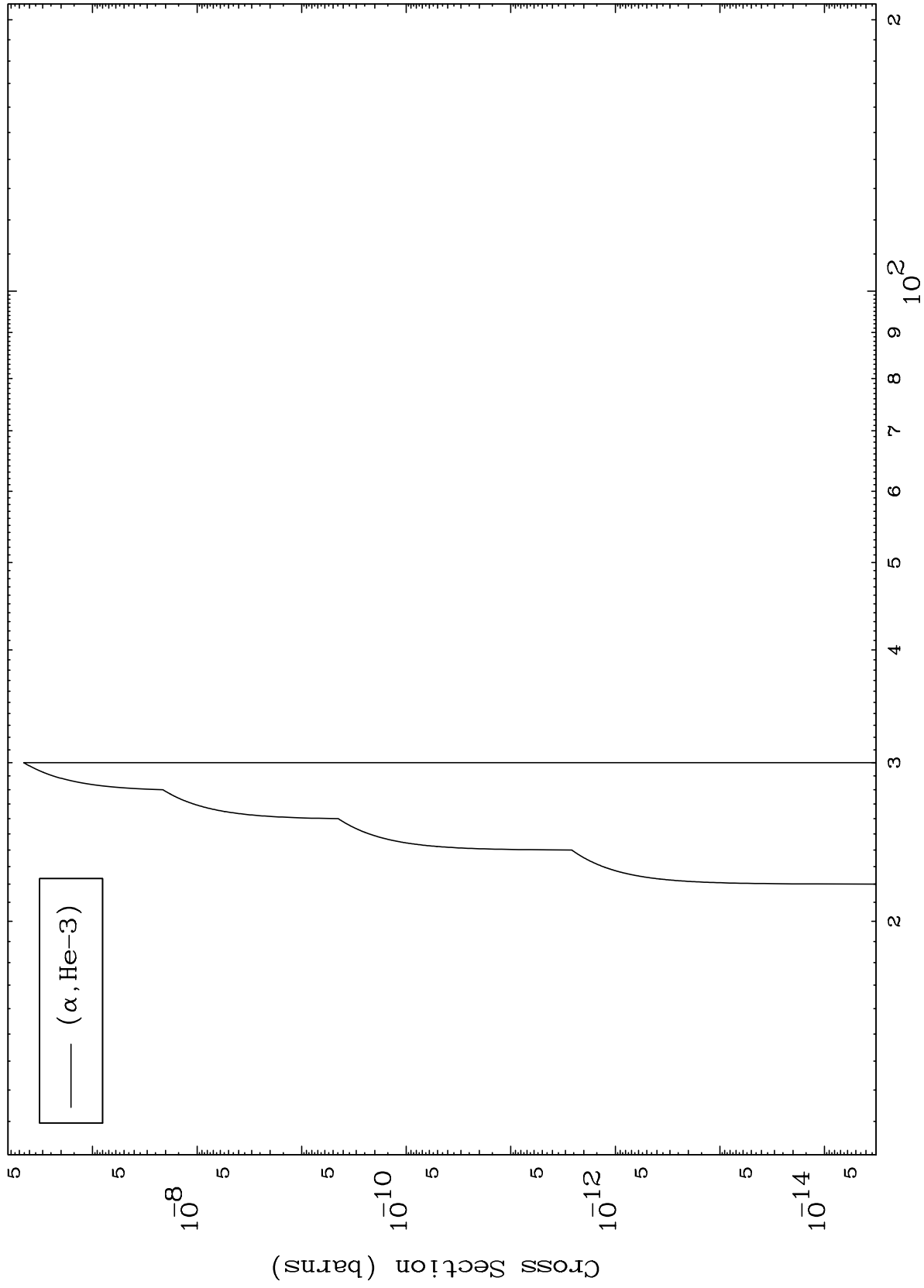
80-Hg-193

MAT 8017

(α, t) Levels
0 Kelvin Cross Sections

80-Hg-193

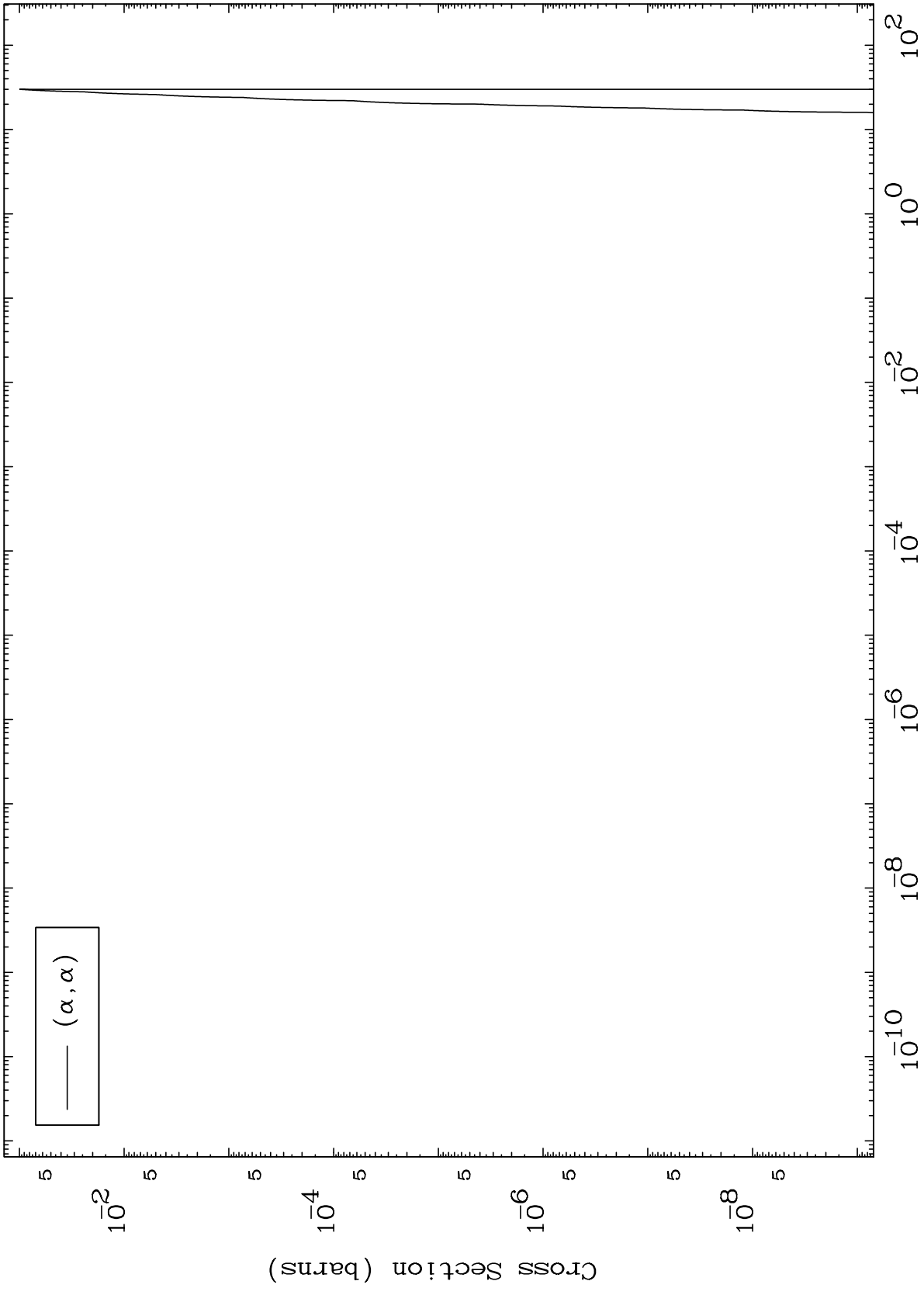




MAT 8017

(α, α) Levels
0 Kelvin Cross Sections

80-Hg-193



10

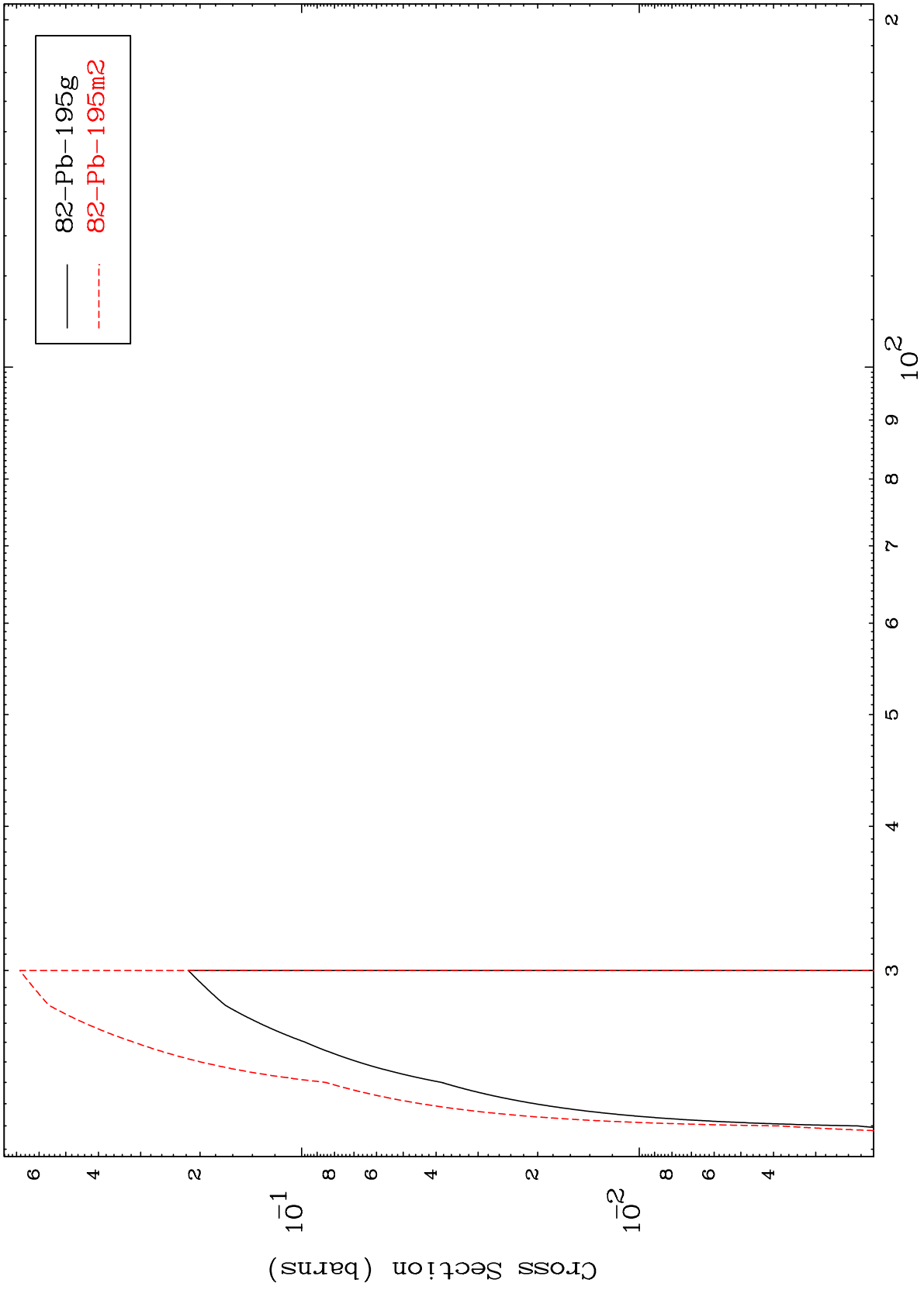
Incident Energy (MeV)

80-Hg-193

MAT 8017

80-Hg-193

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



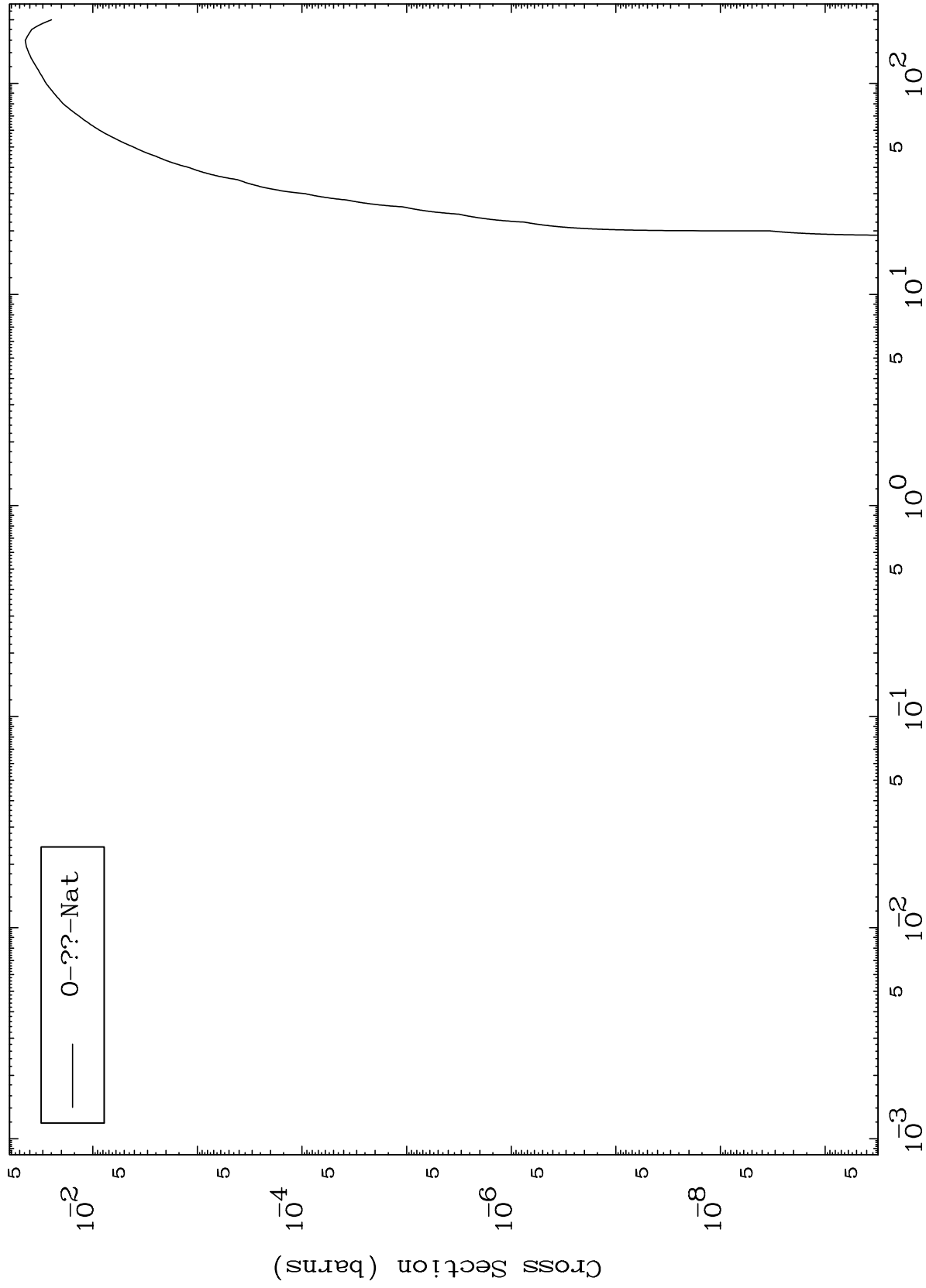
11

80-Hg-193

MAT 8017

α Fission
Radionuclide Production Cross Section

80-Hg-193



12

Incident Energy (MeV)

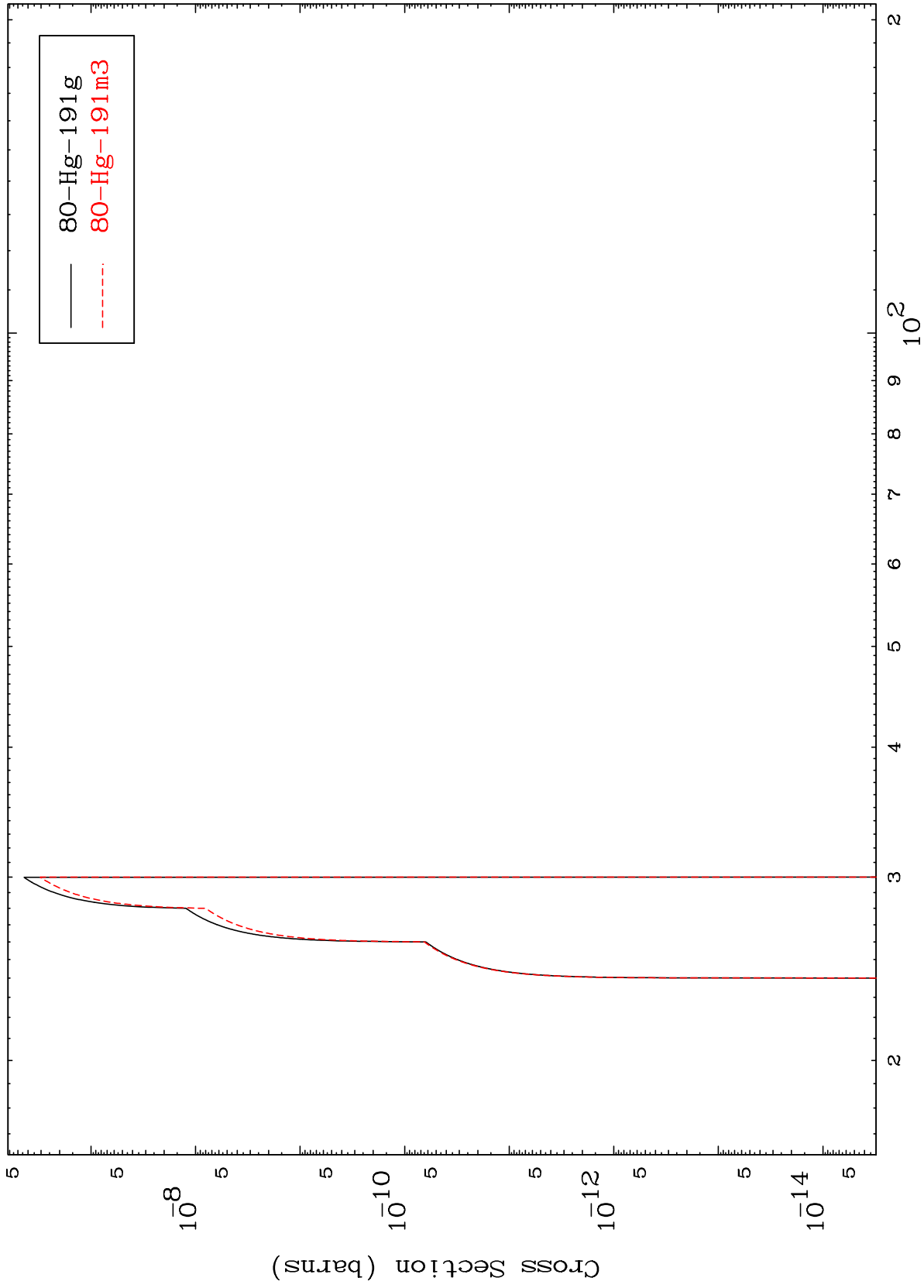
80-Hg-193

MAT 8017

$(\alpha, 2n) \alpha$

80-Hg-193

Radionuclide Production Cross Section



13

Incident Energy (MeV)

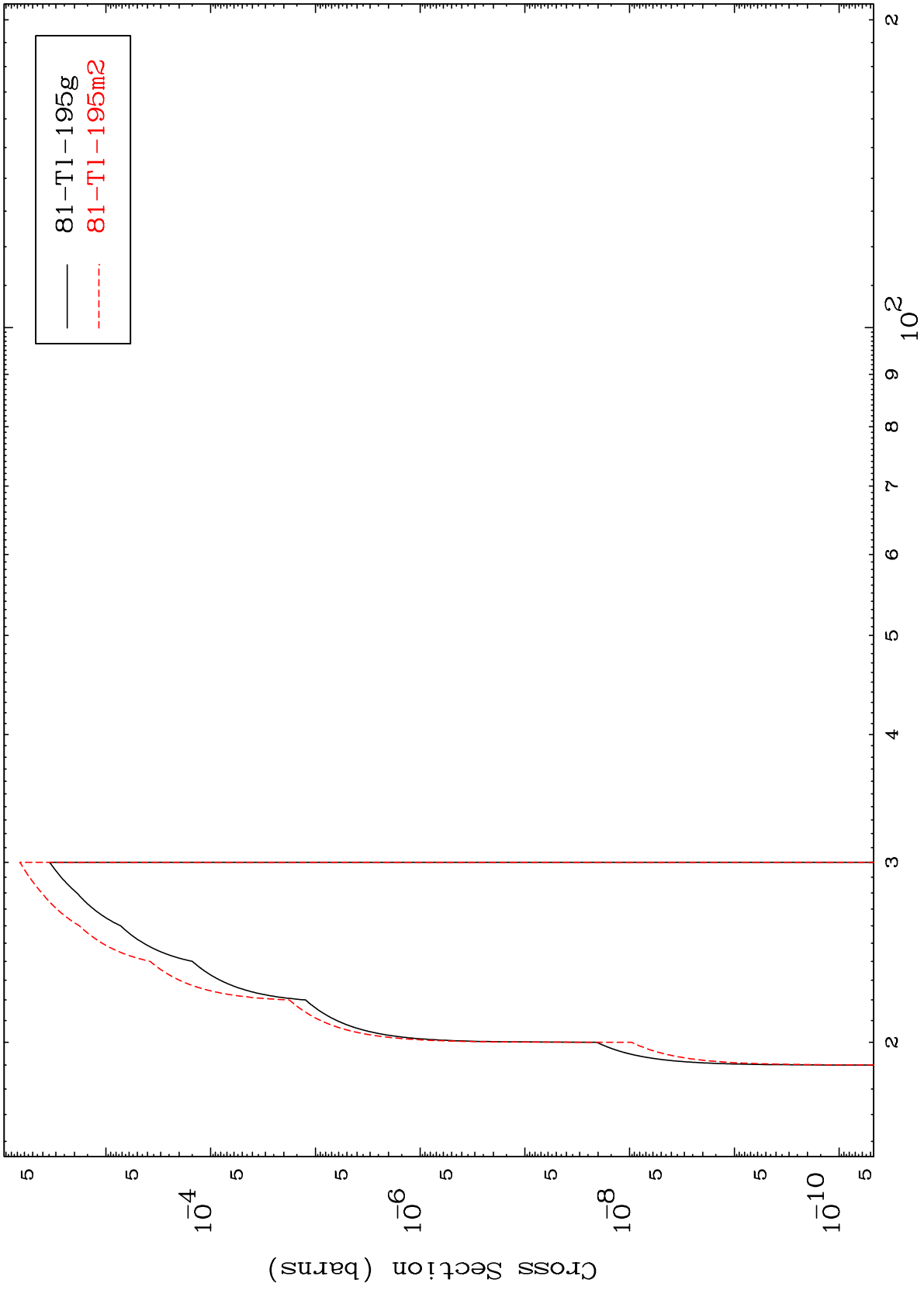
80-Hg-193

MAT 8017

(α, n') p

80-Hg-193

Radionuclide Production Cross Section



14

Incident Energy (MeV)

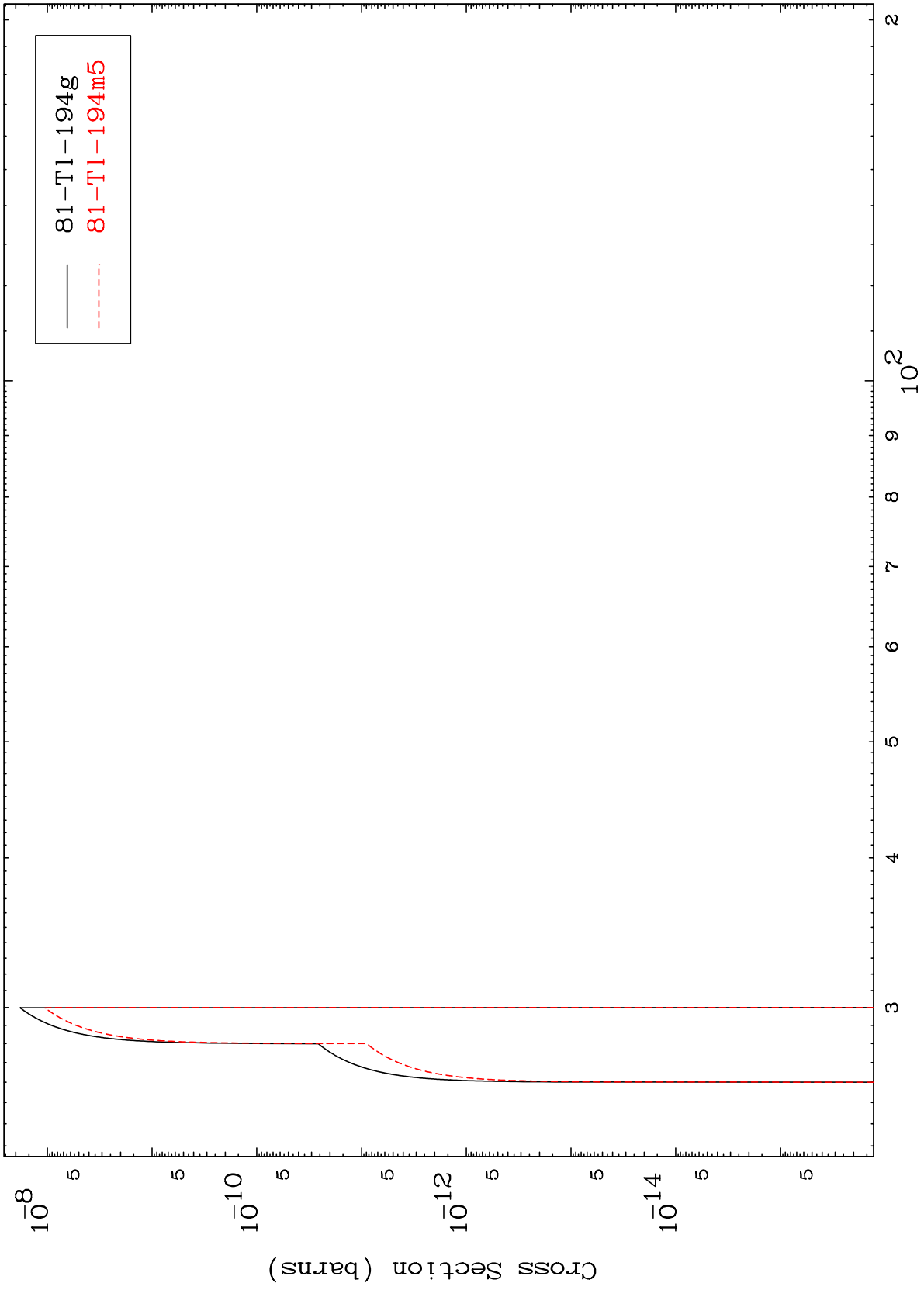
80-Hg-193

MAT 8017

(α, n') d

80-Hg-193

Radionuclide Production Cross Section



15

Incident Energy (MeV)

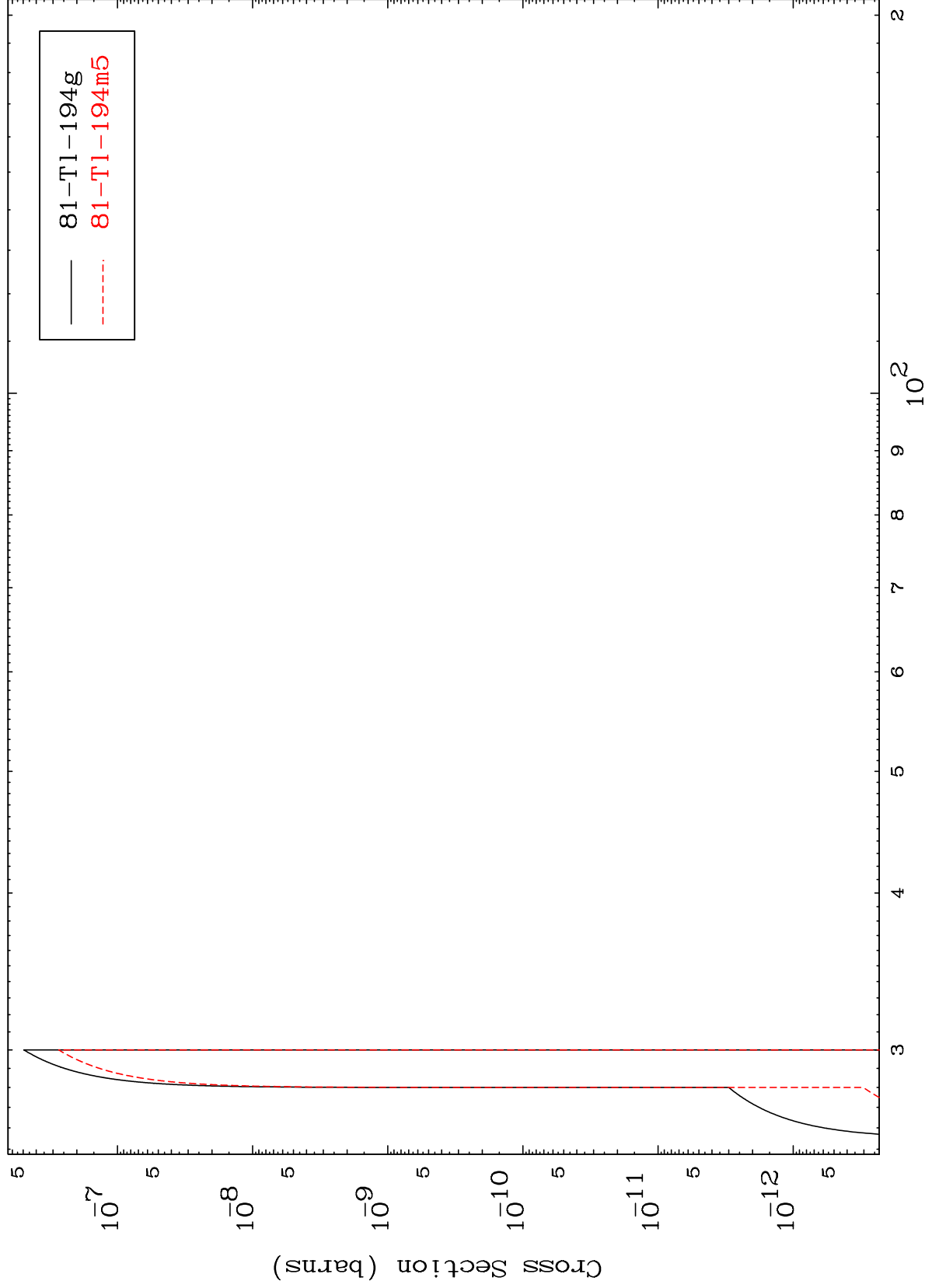
80-Hg-193

MAT 8017

($\alpha, 2n$) p

80-Hg-193

Radionuclide Production Cross Section



16

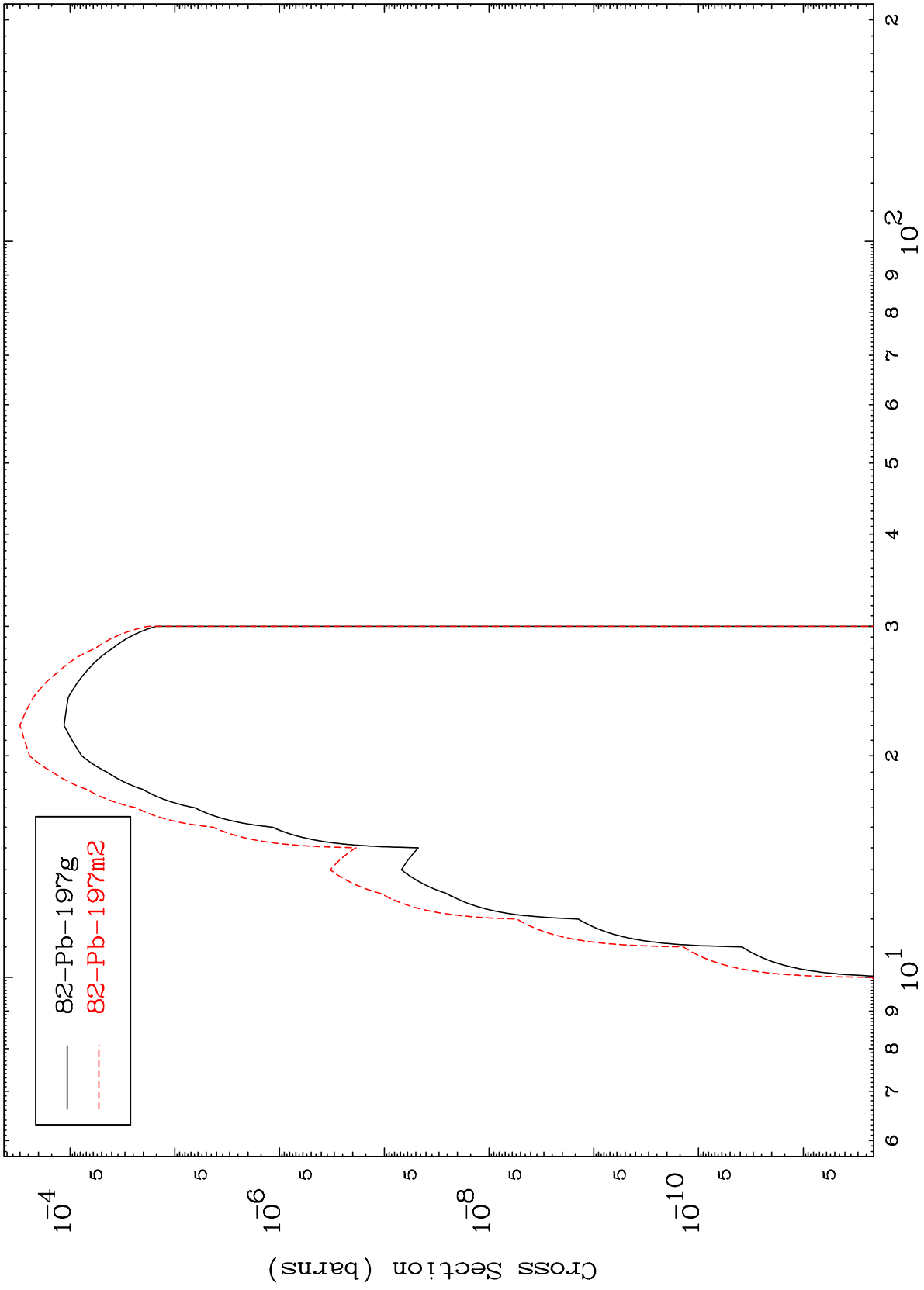
Incident Energy (MeV)

80-Hg-193

MAT 8017

80-Hg-193

(α, γ)
Radionuclide Production Cross Section



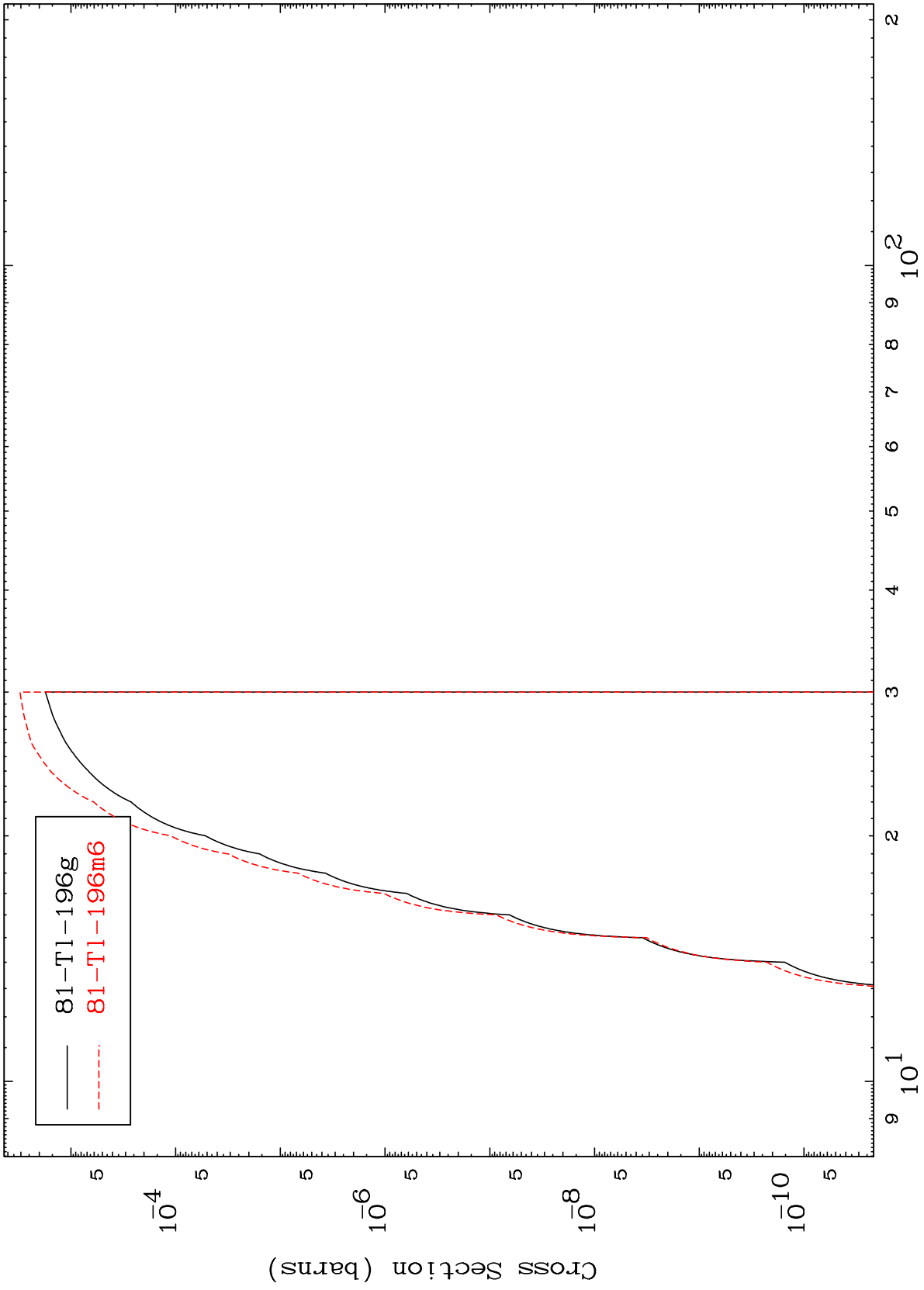
17

80-Hg-193

MAT 8017

80-Hg-193

Radionuclide Production Cross Section
(α, p)



18

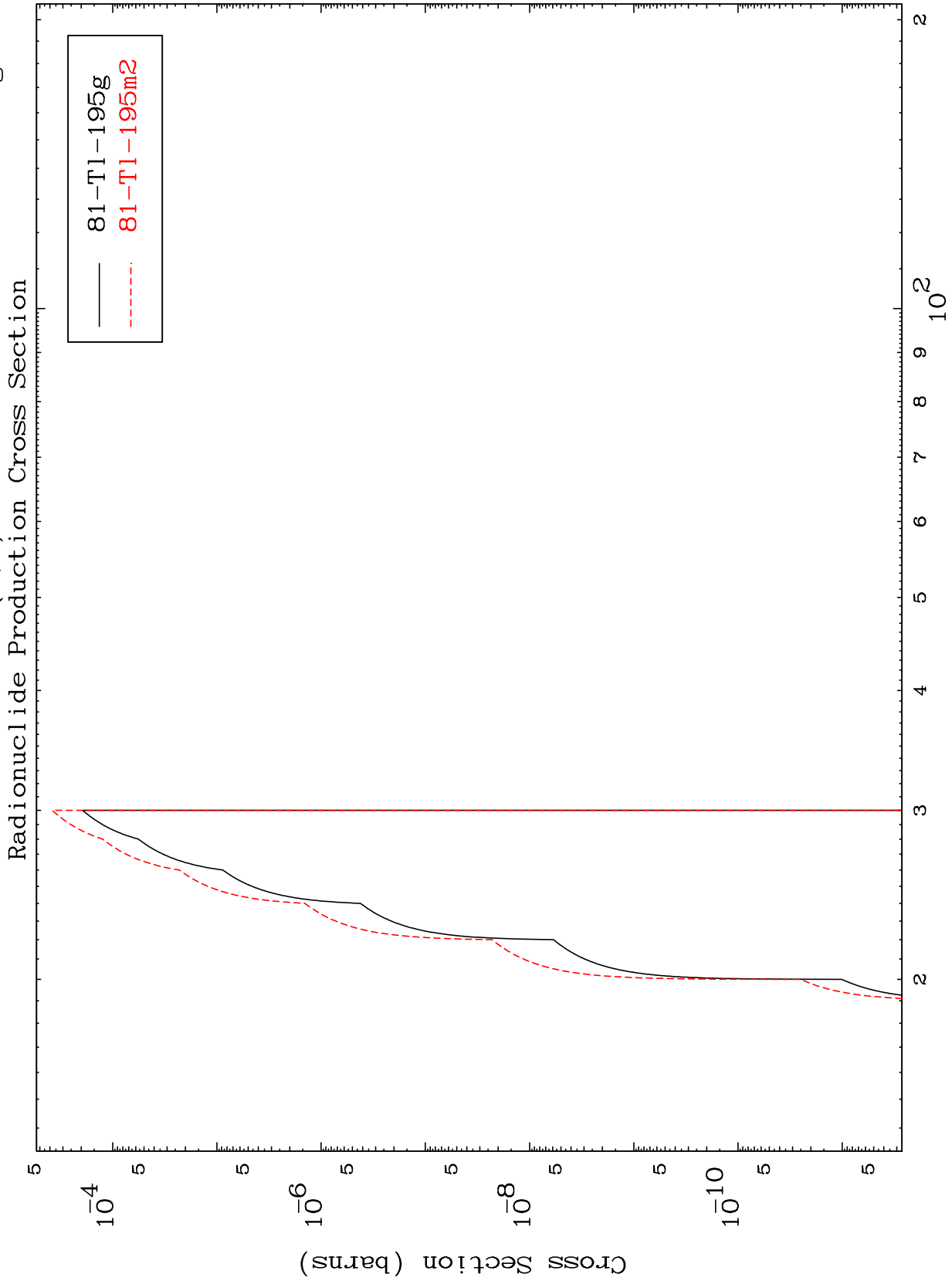
Incident Energy (MeV)

80-Hg-193

MAT 8017

(α, d)

80-Hg-193



19

80-Hg-193

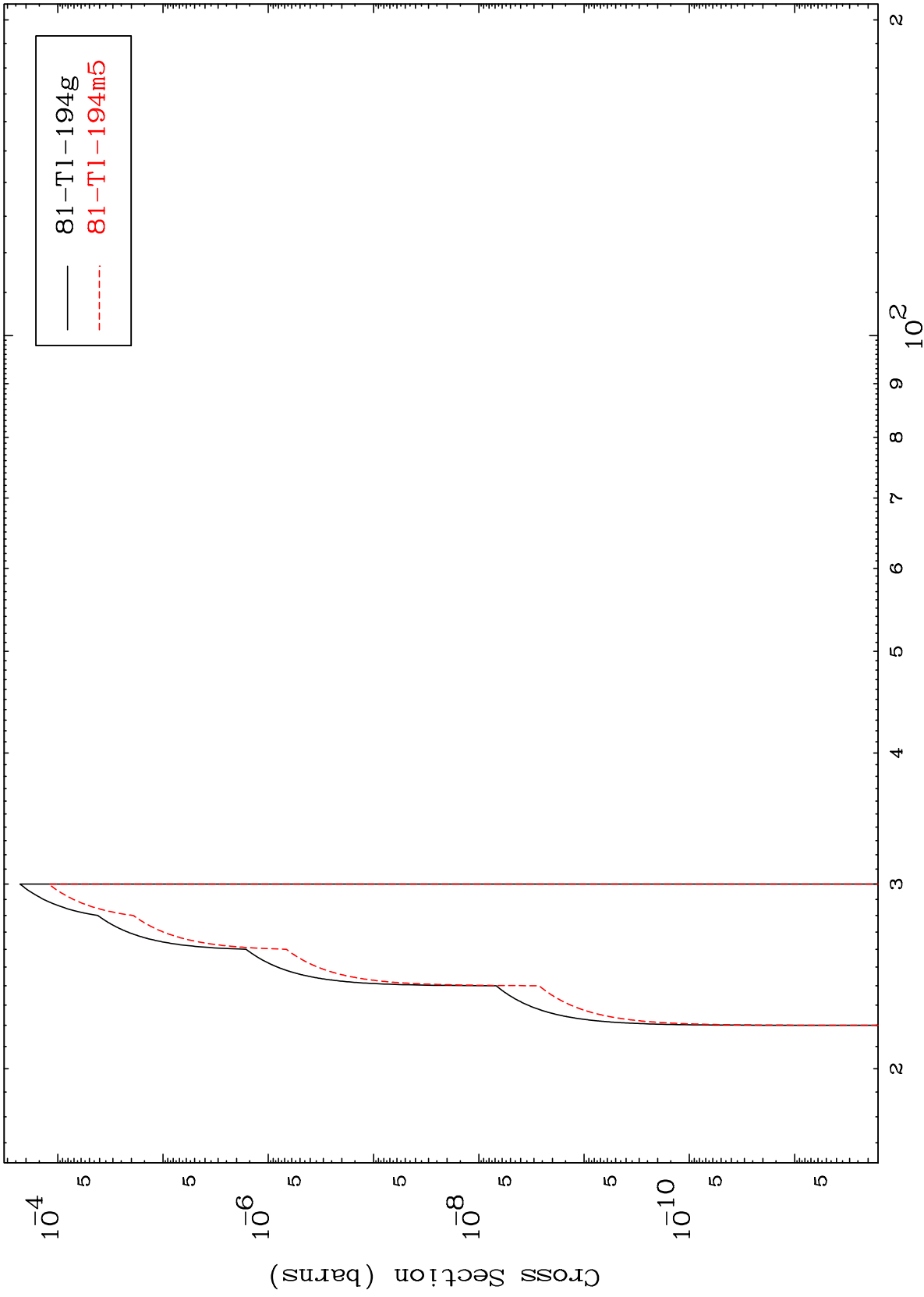
80-Hg-193

MAT 8017

(α, t)

80-Hg-193

Radionuclide Production Cross Section



20

Incident Energy (MeV)

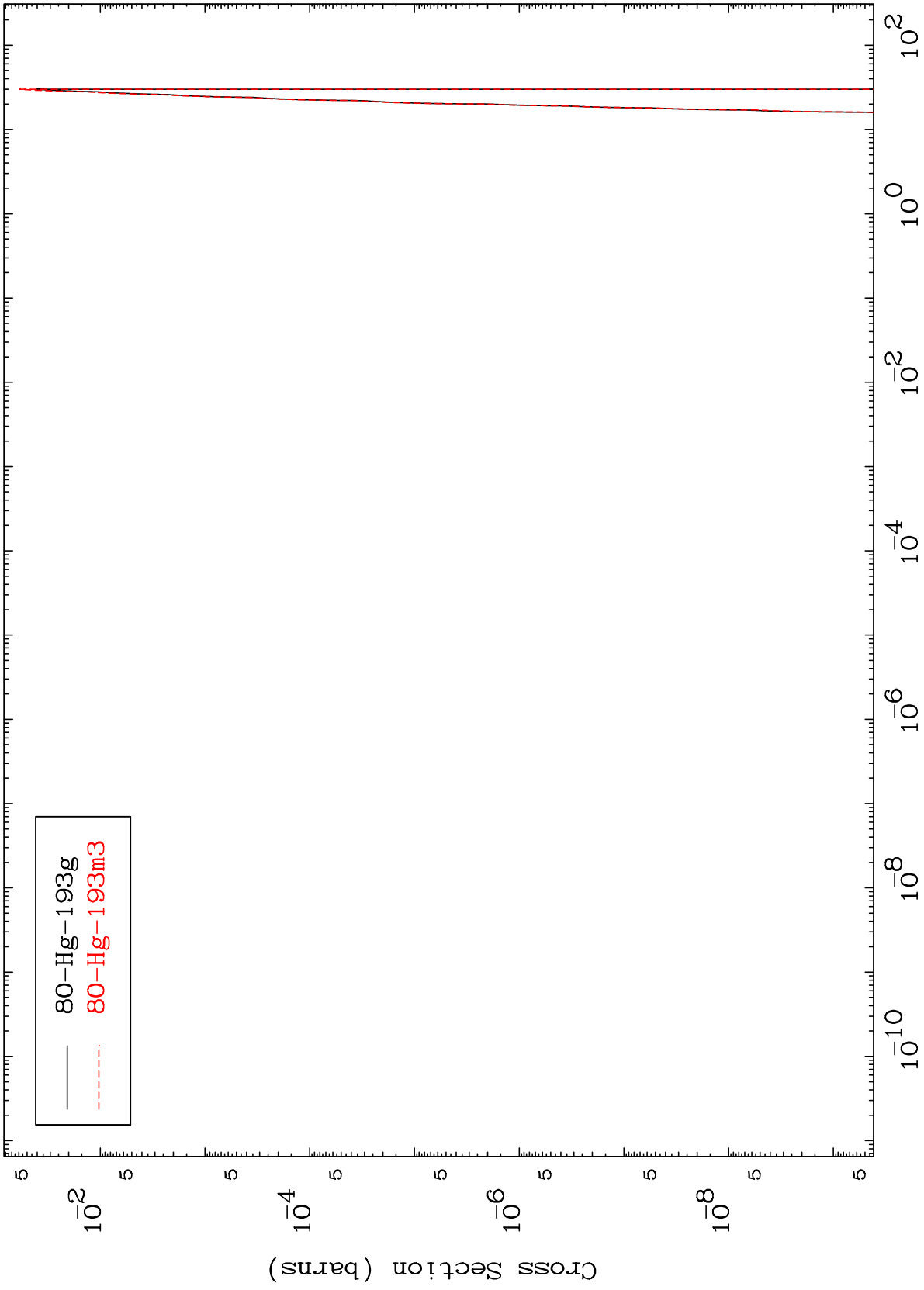
80-Hg-193

MAT 8017

(α, α)

80-Hg-193

Radionuclide Production Cross Section



21

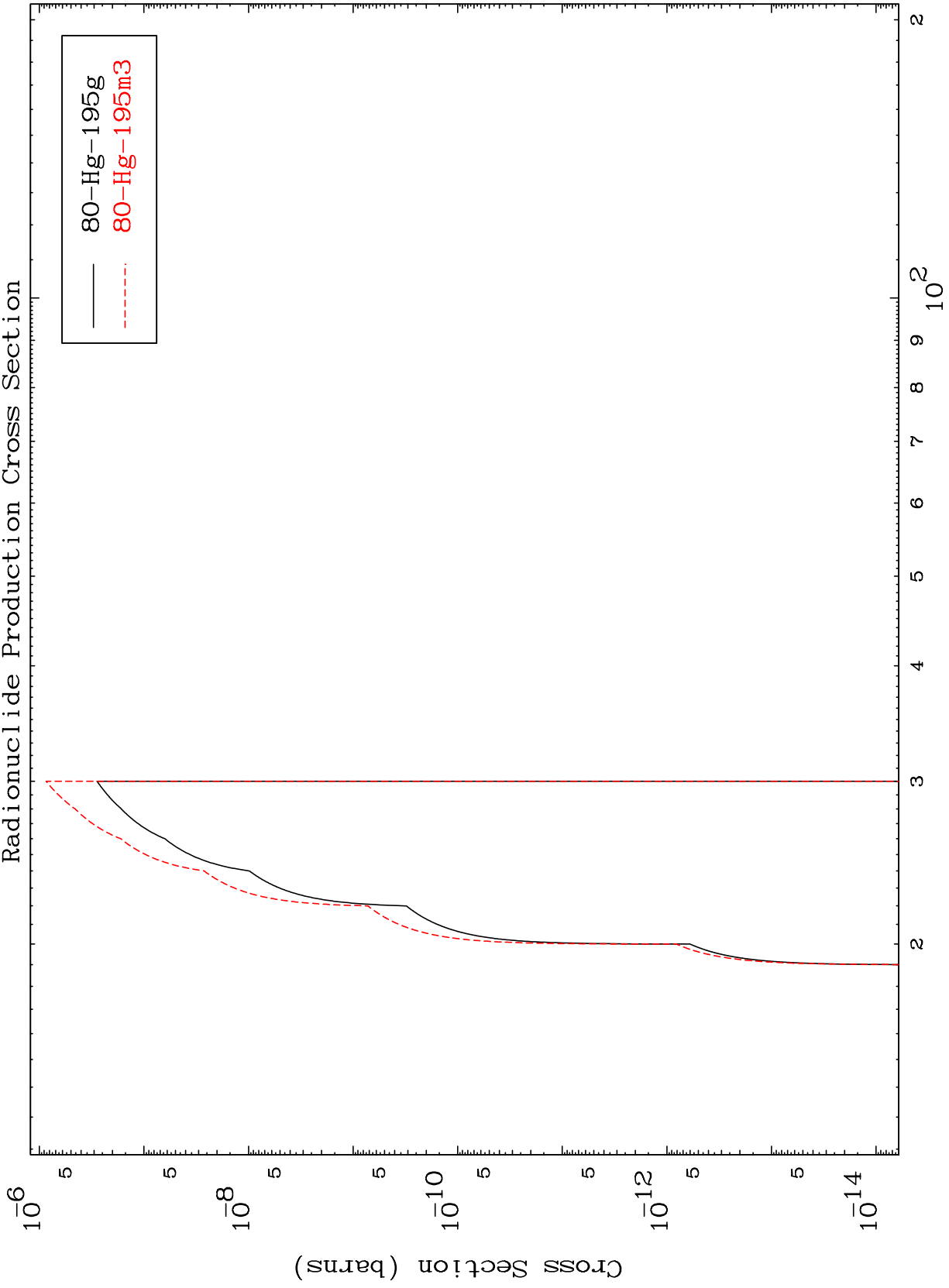
Incident Energy (MeV)

80-Hg-193

MAT 8017

80-Hg-193

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



22

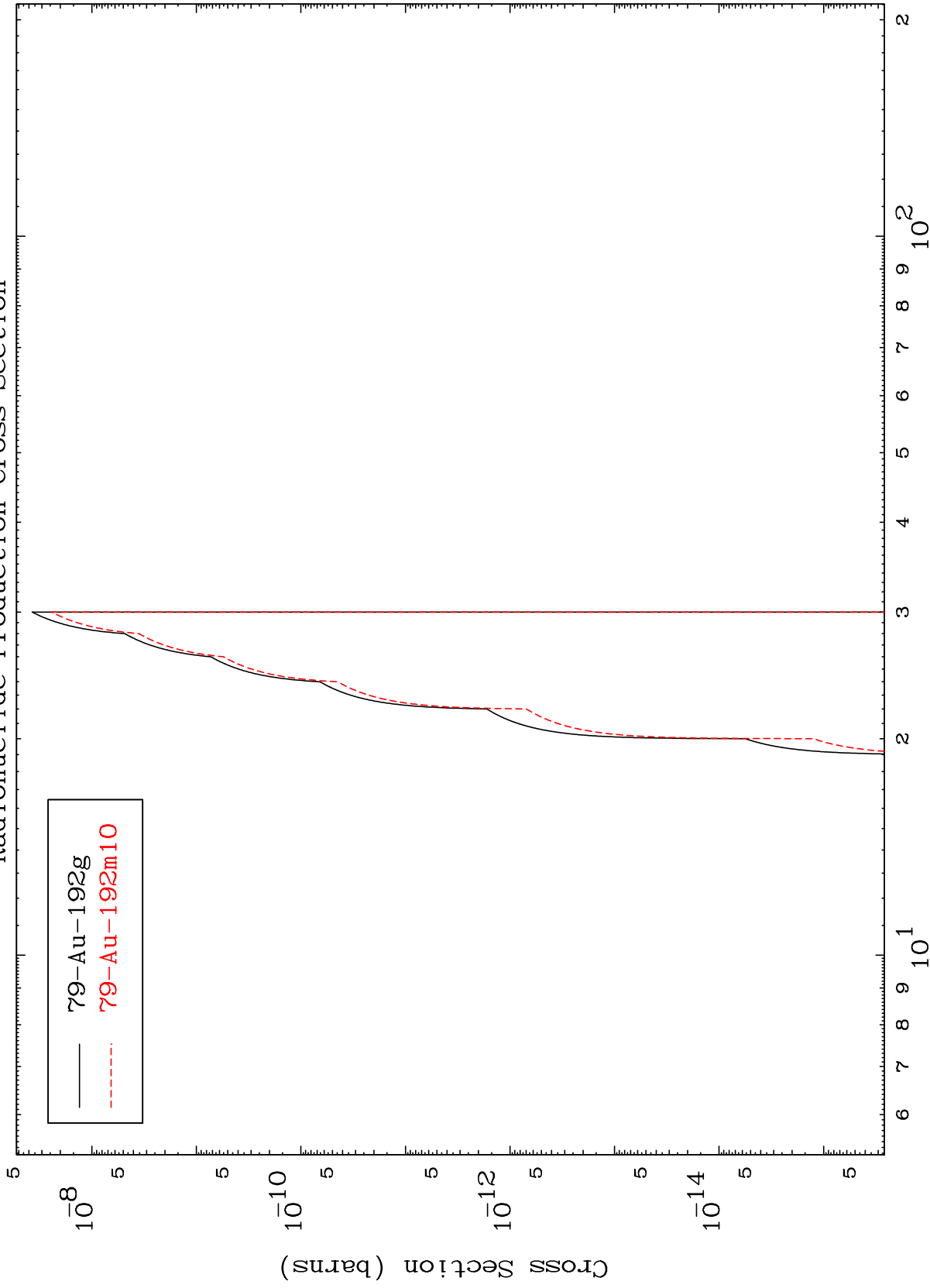
80-Hg-193

MAT 8017

(α, p) α

80-Hg-193

Radionuclide Production Cross Section



23

Incident Energy (MeV)

80-Hg-193