

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

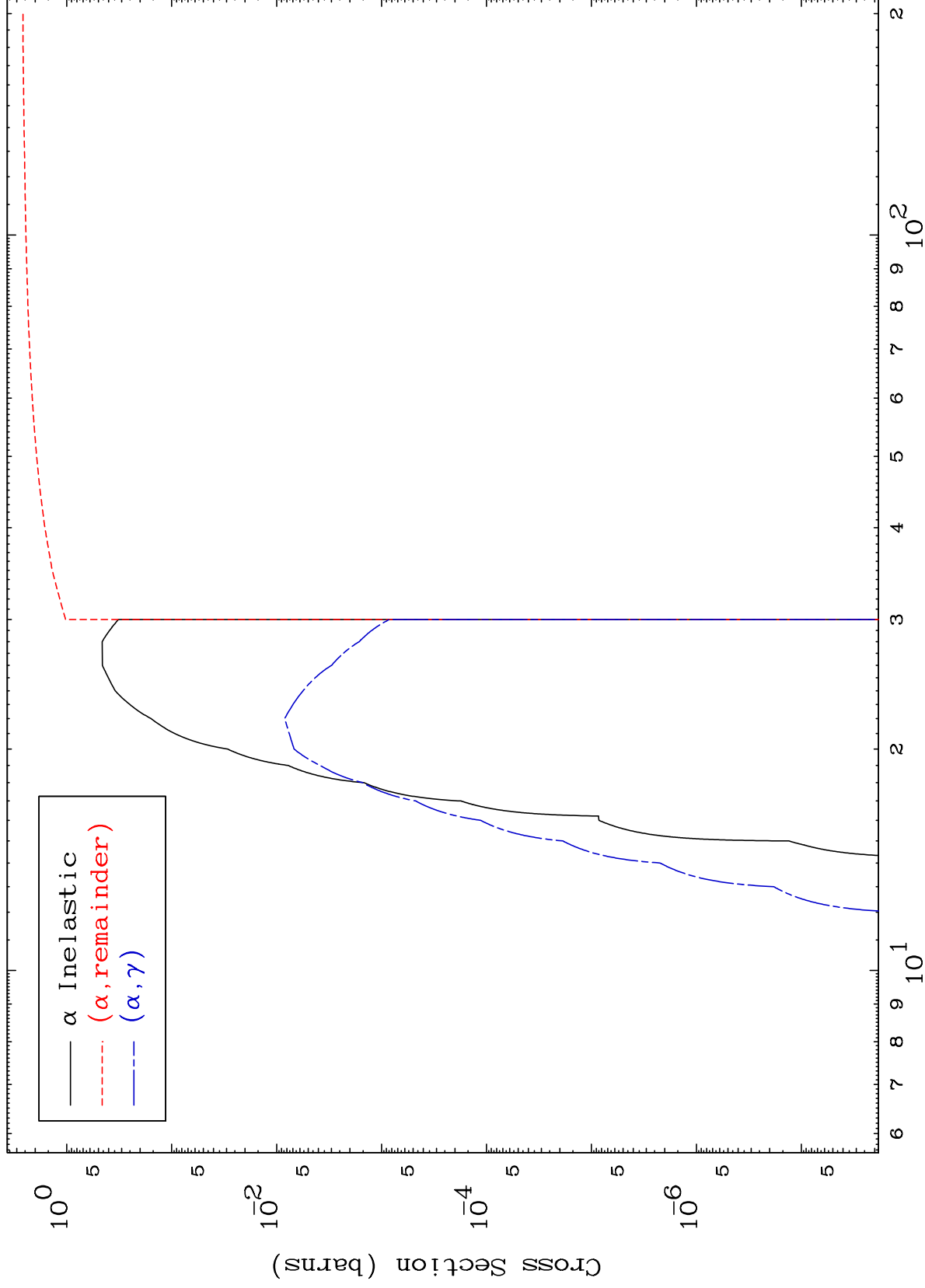
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7993

0 Kelvin Cross Sections

80-Hg-185



1

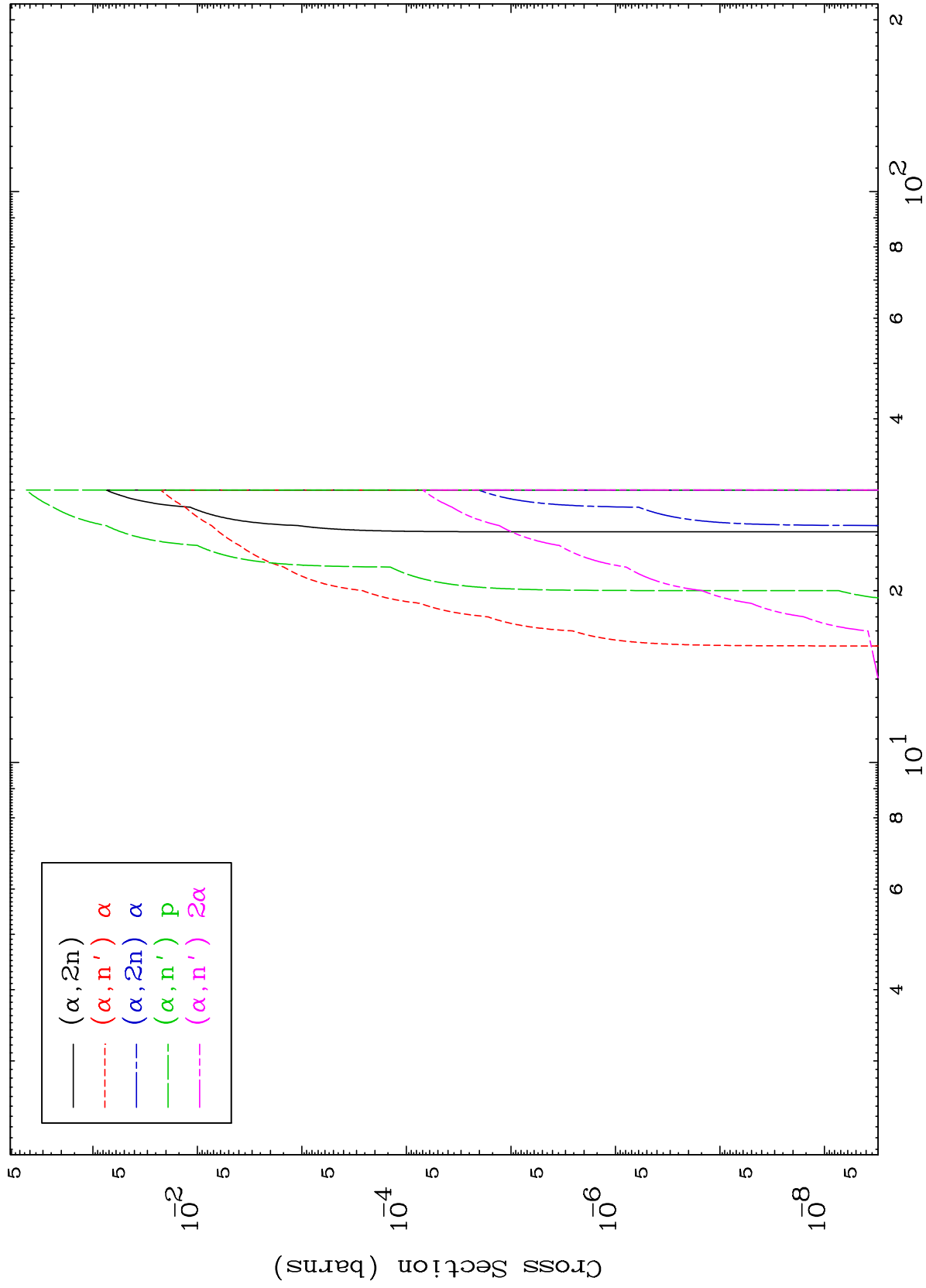
Incident Energy (MeV)

80-Hg-185

MAT 7993

α Neutron Production
0 Kelvin Cross Sections

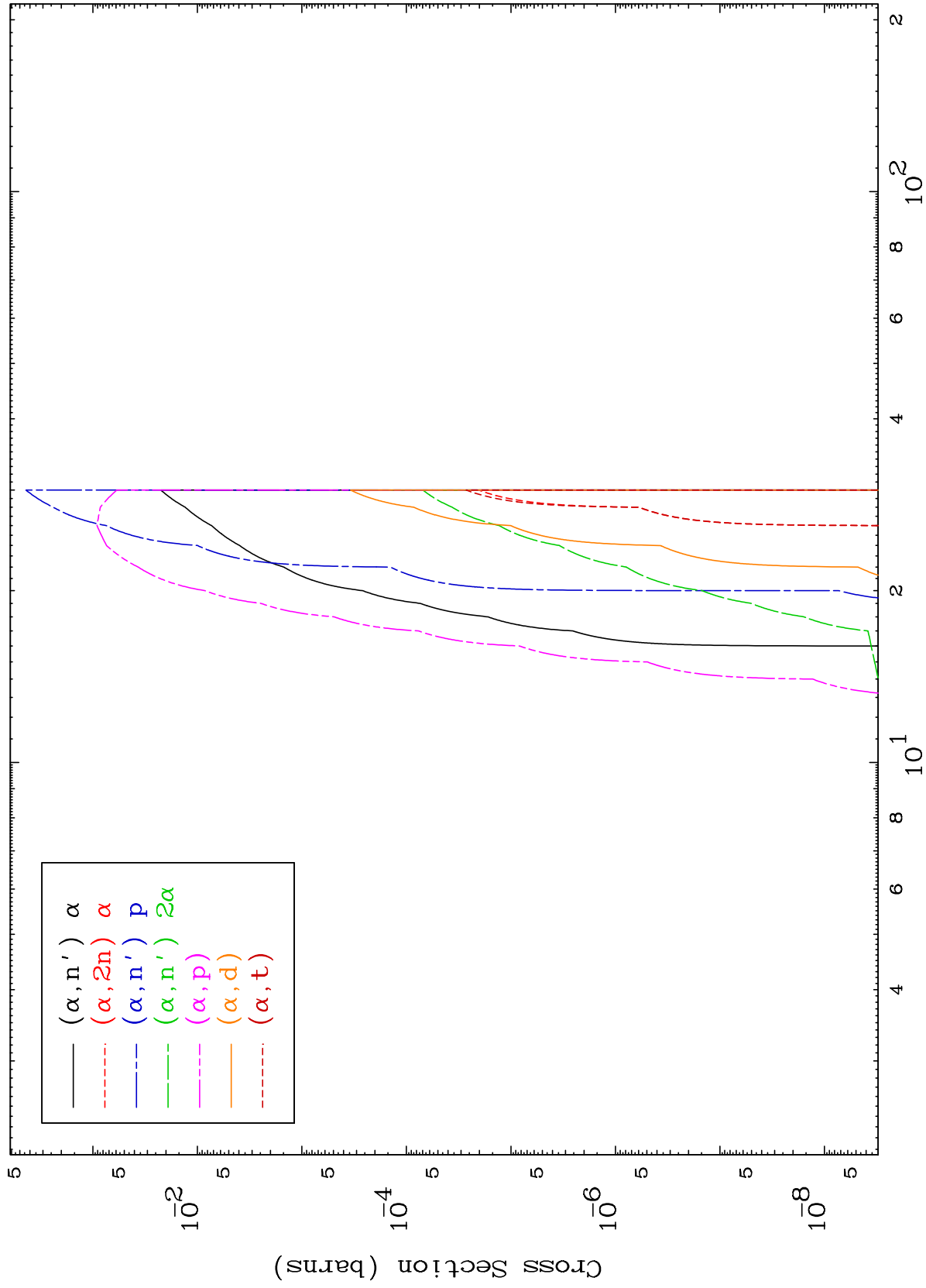
80-Hg-185



2

Incident Energy (MeV)

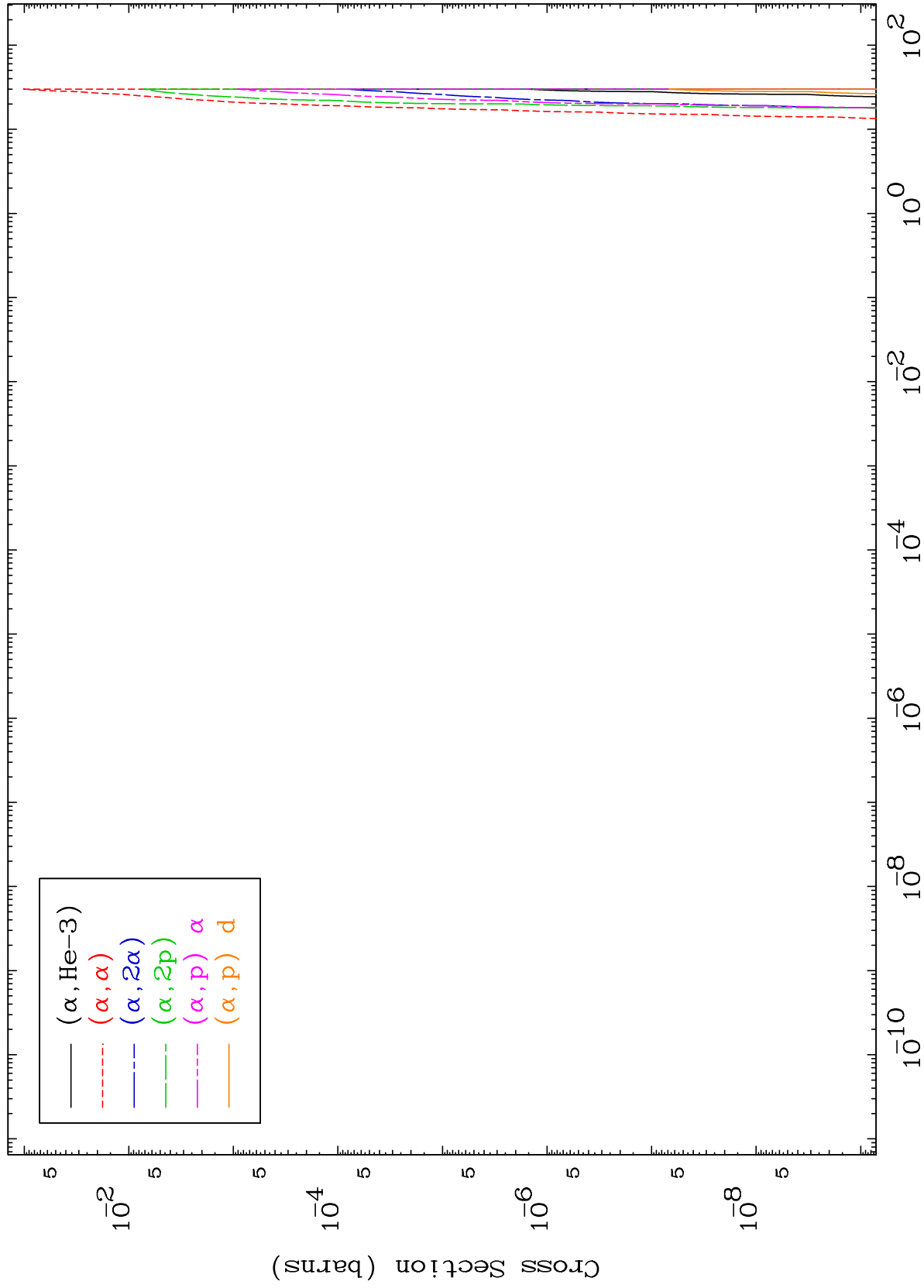
80-Hg-185



MAT 7993

α Charged Particle
0 Kelvin Cross Sections

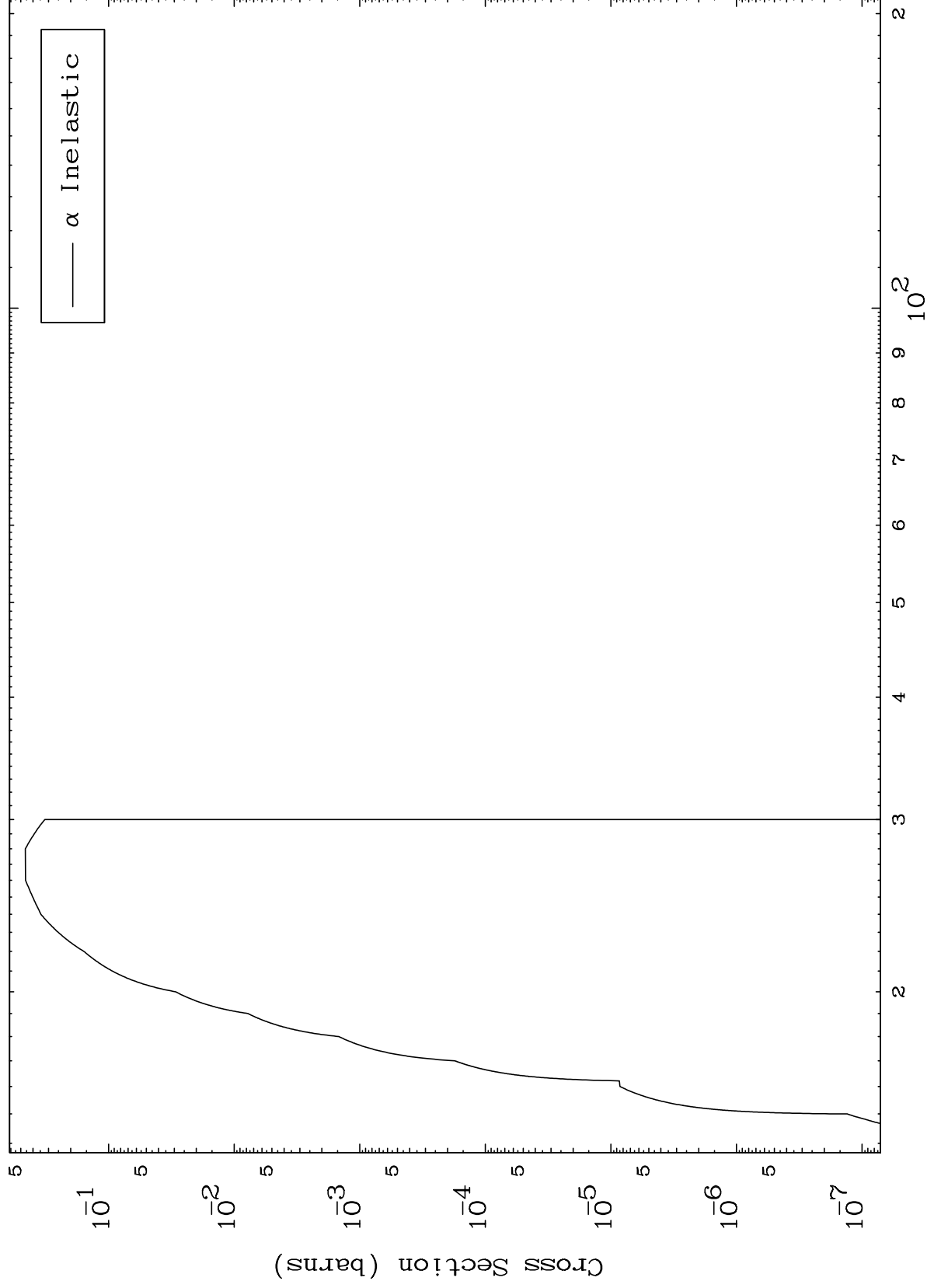
80-Hg-185



MAT 7993

(α, n') Level
0 Kelvin Cross Sections

80-Hg-185



5

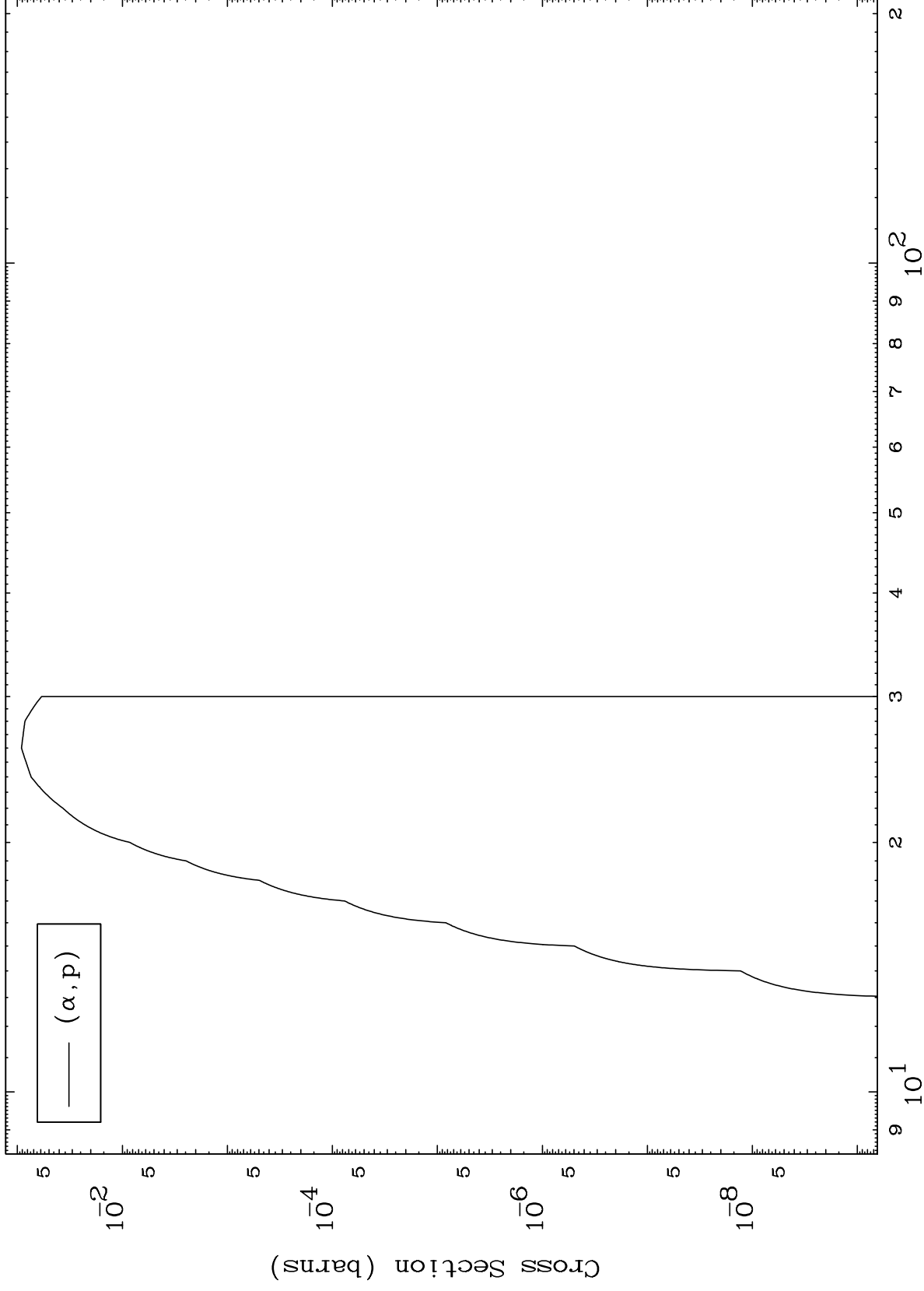
Incident Energy (MeV)

80-Hg-185

MAT 7993

80-Hg-185

(α ,p) Levels
0 Kelvin Cross Sections



6

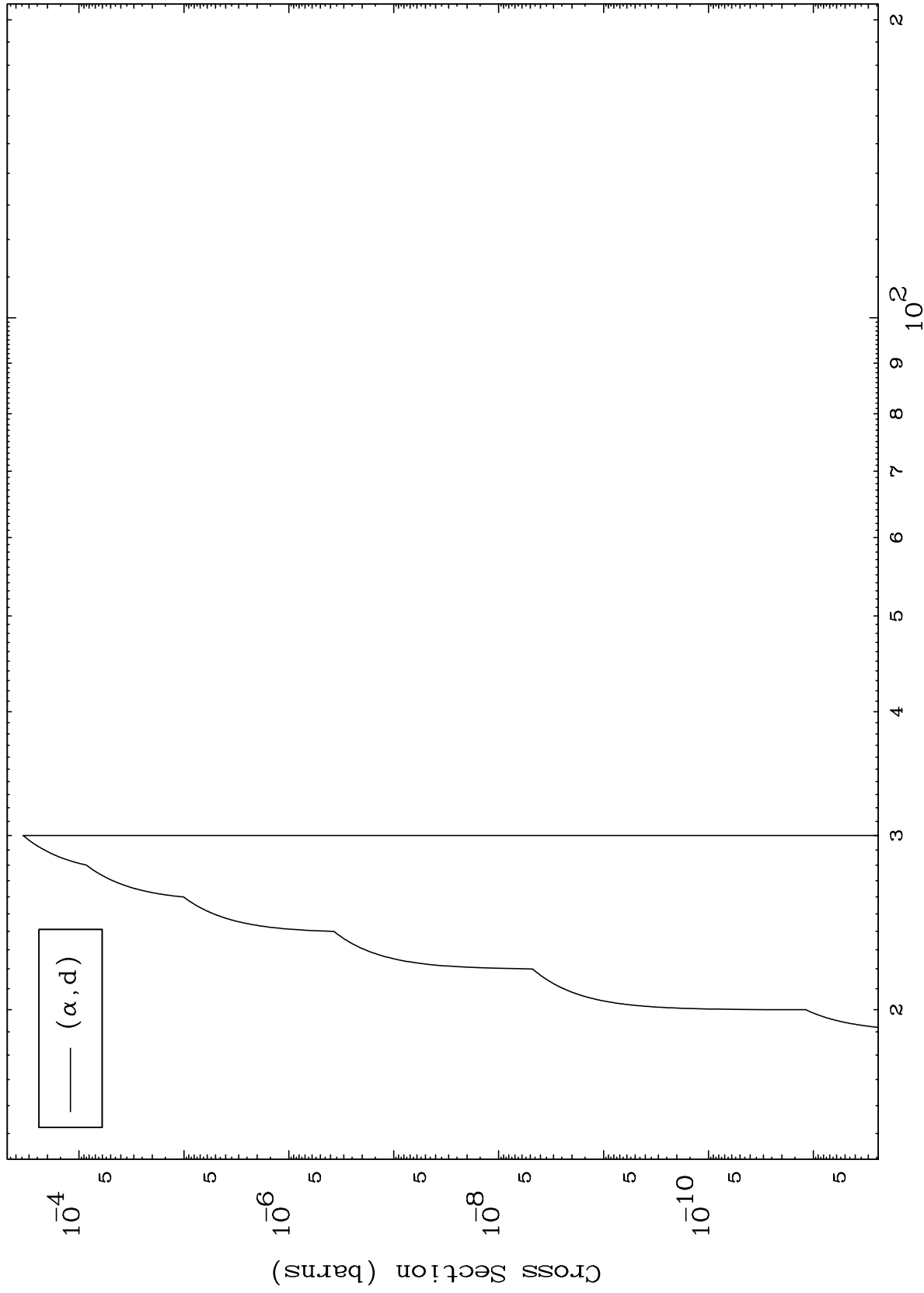
Incident Energy (MeV)

80-Hg-185

MAT 7993

(α ,d) Levels
0 Kelvin Cross Sections

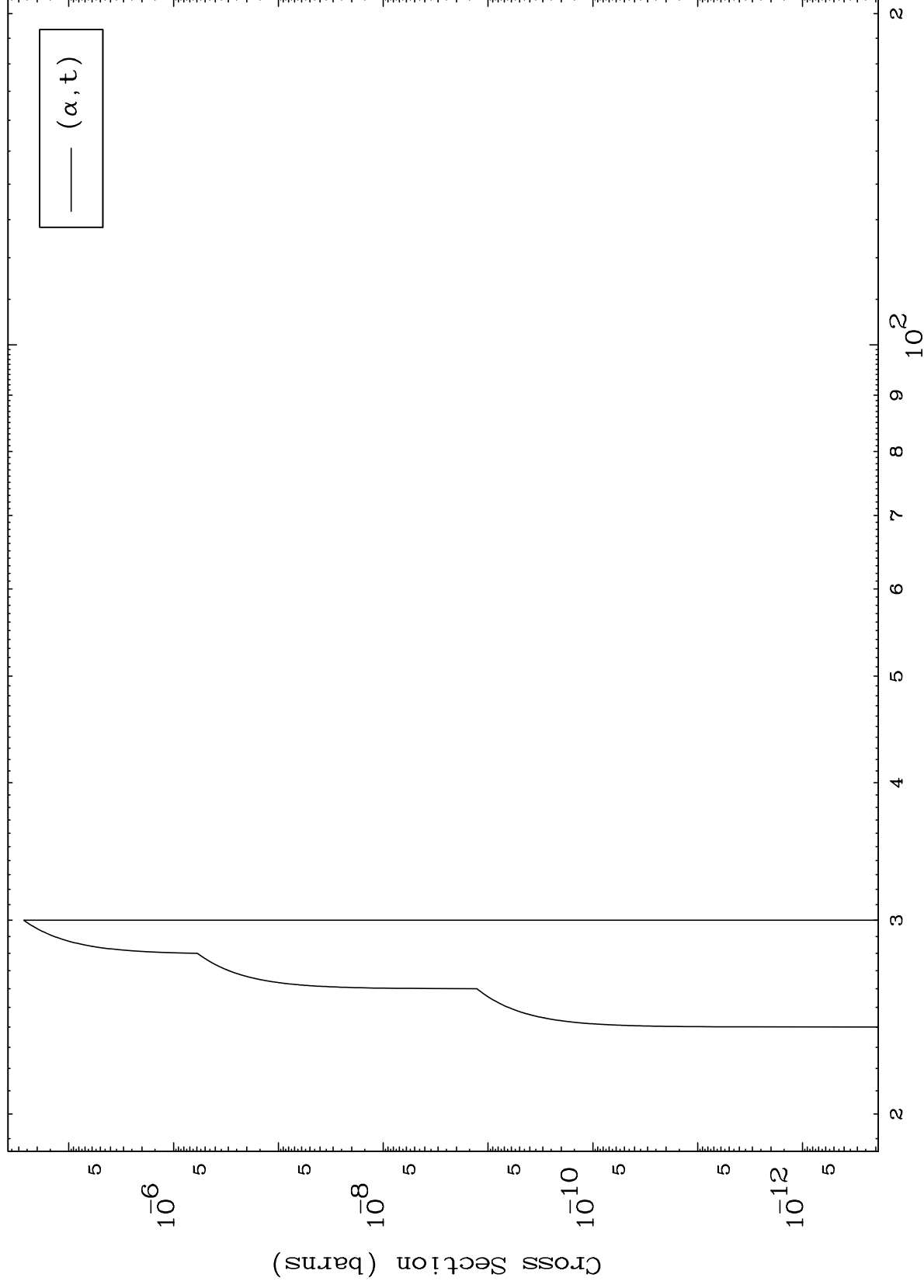
80-Hg-185



MAT 7993

(α ,t) Levels
0 Kelvin Cross Sections

80-Hg-185



8

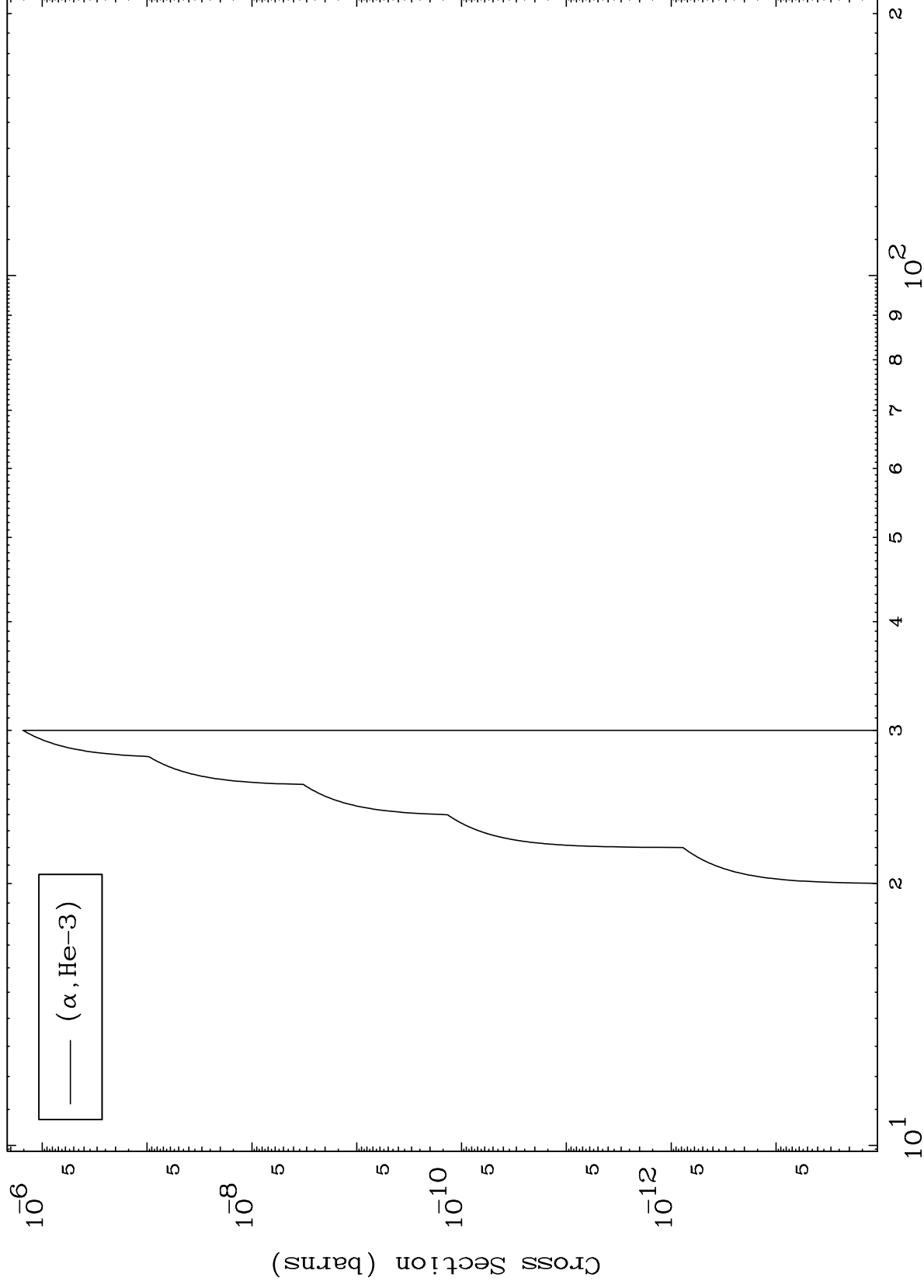
Incident Energy (MeV)

80-Hg-185

MAT 7993

(α ,He3) Levels
0 Kelvin Cross Sections

80-Hg-185



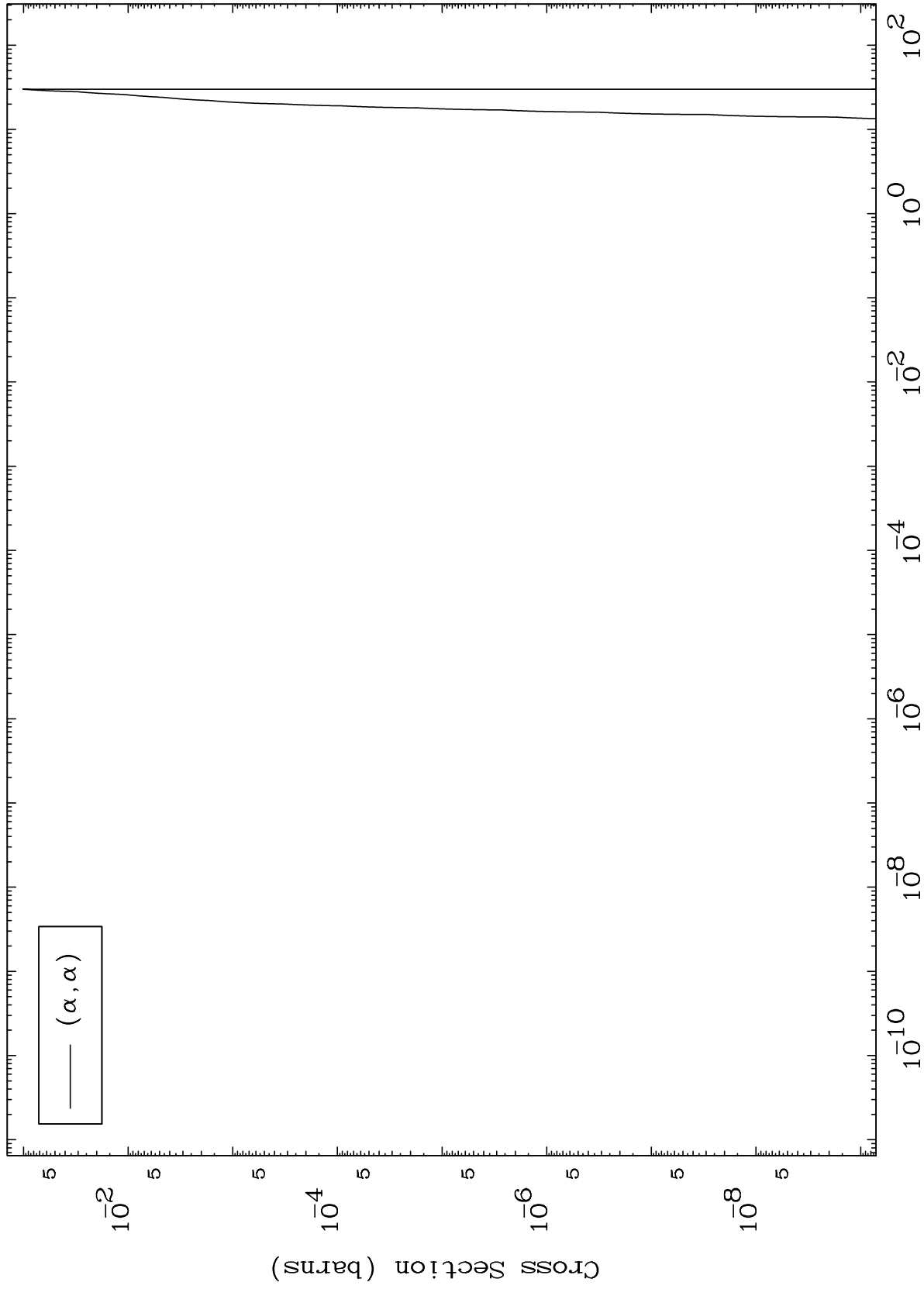
Incident Energy (MeV)

80-Hg-185

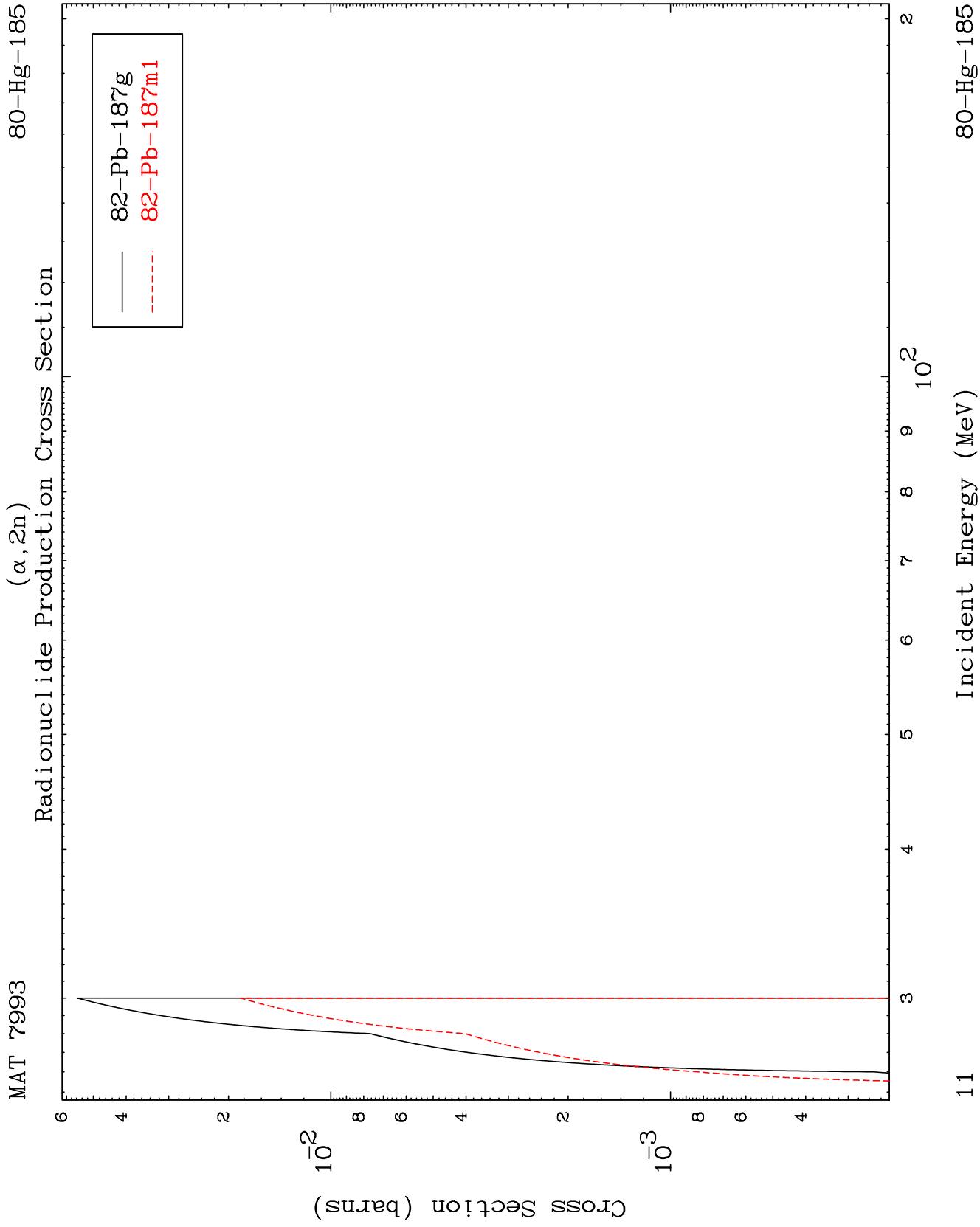
MAT 7993

(α, α) Levels
0 Kelvin Cross Sections

80-Hg-185



80-Hg-185

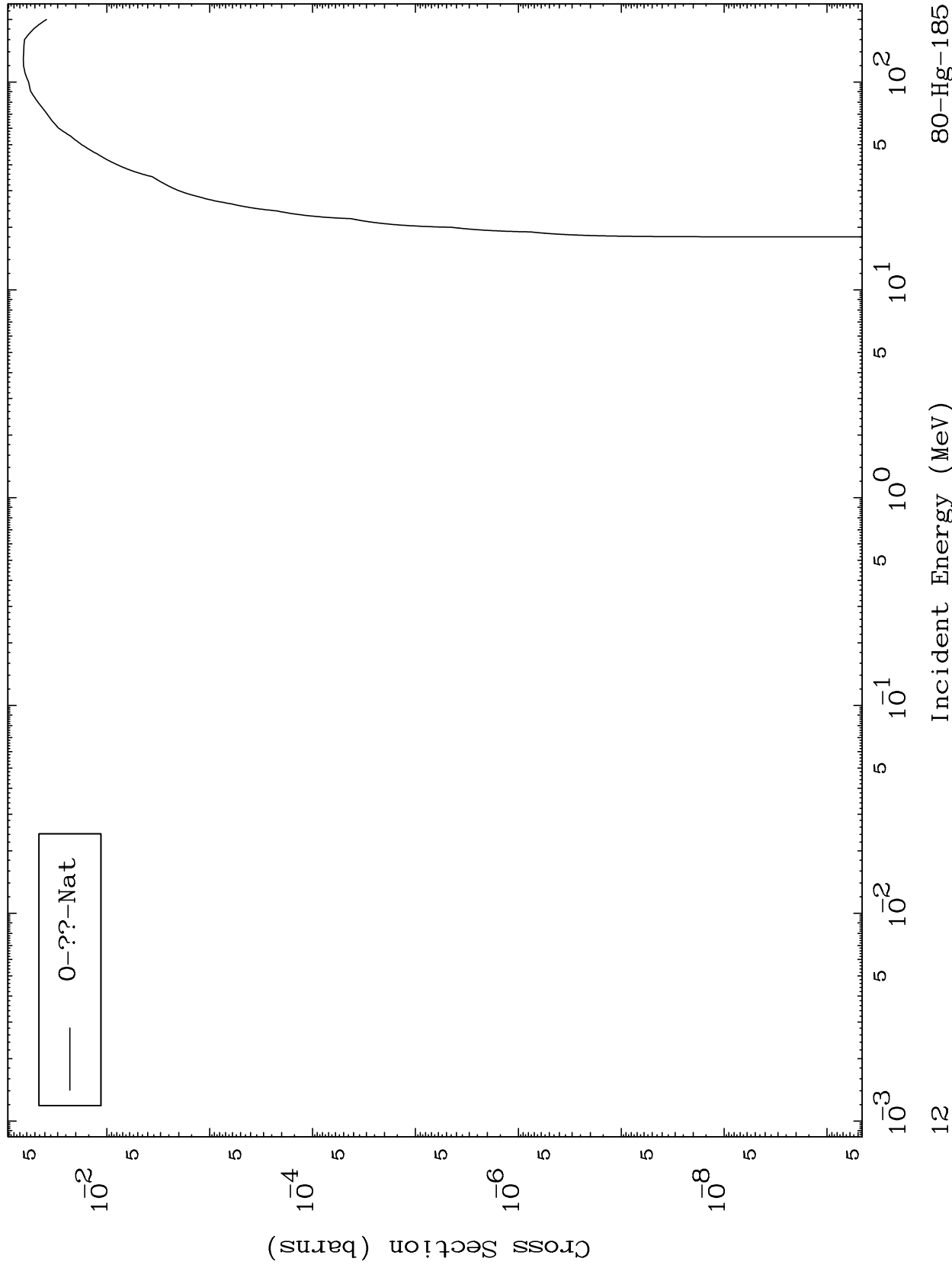


MAT 7993

α Fission

80-Hg-185

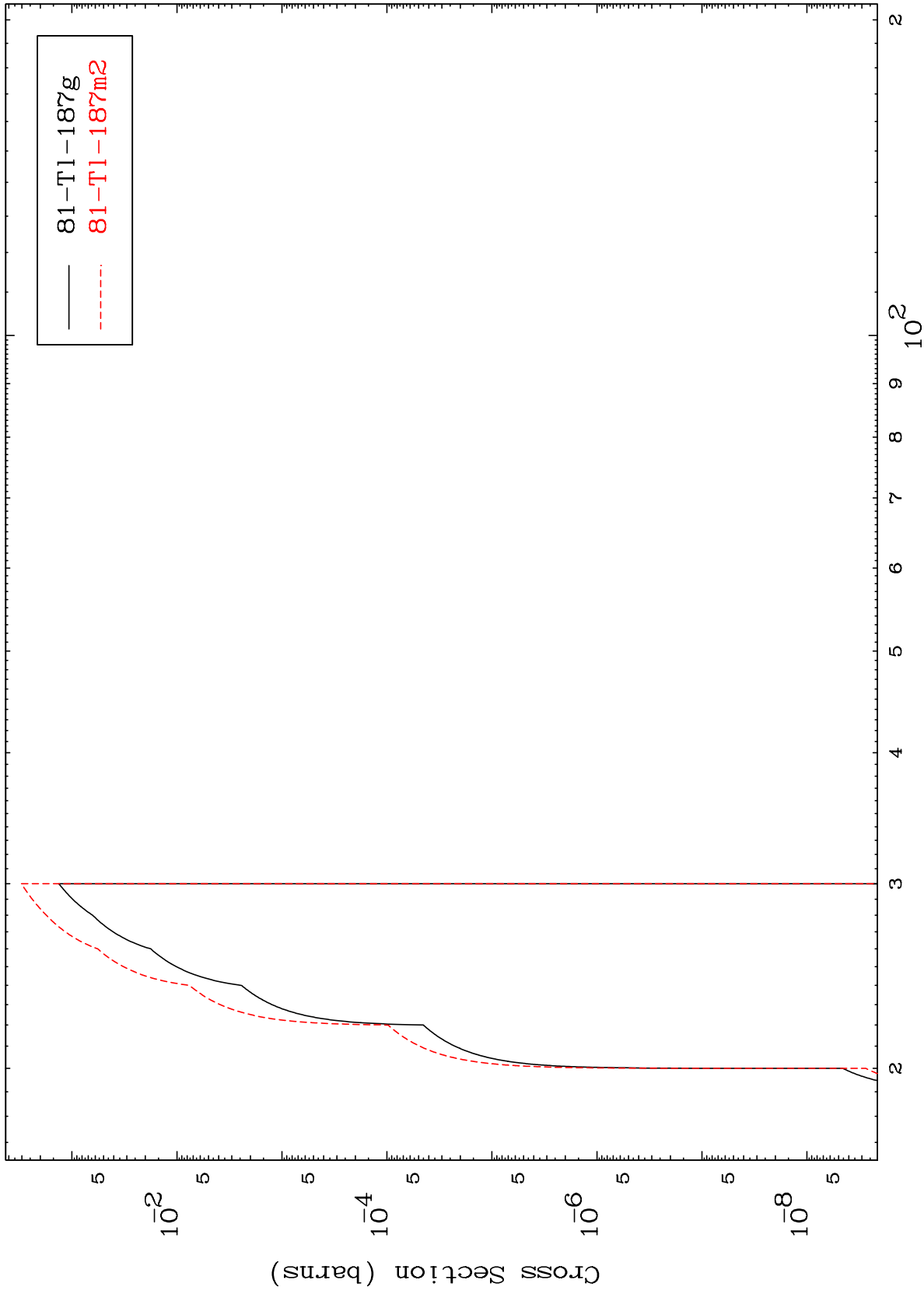
Radionuclide Production Cross Section



MAT 7993

80-Hg-185

(α, n') p
Radionuclide Production Cross Section



13

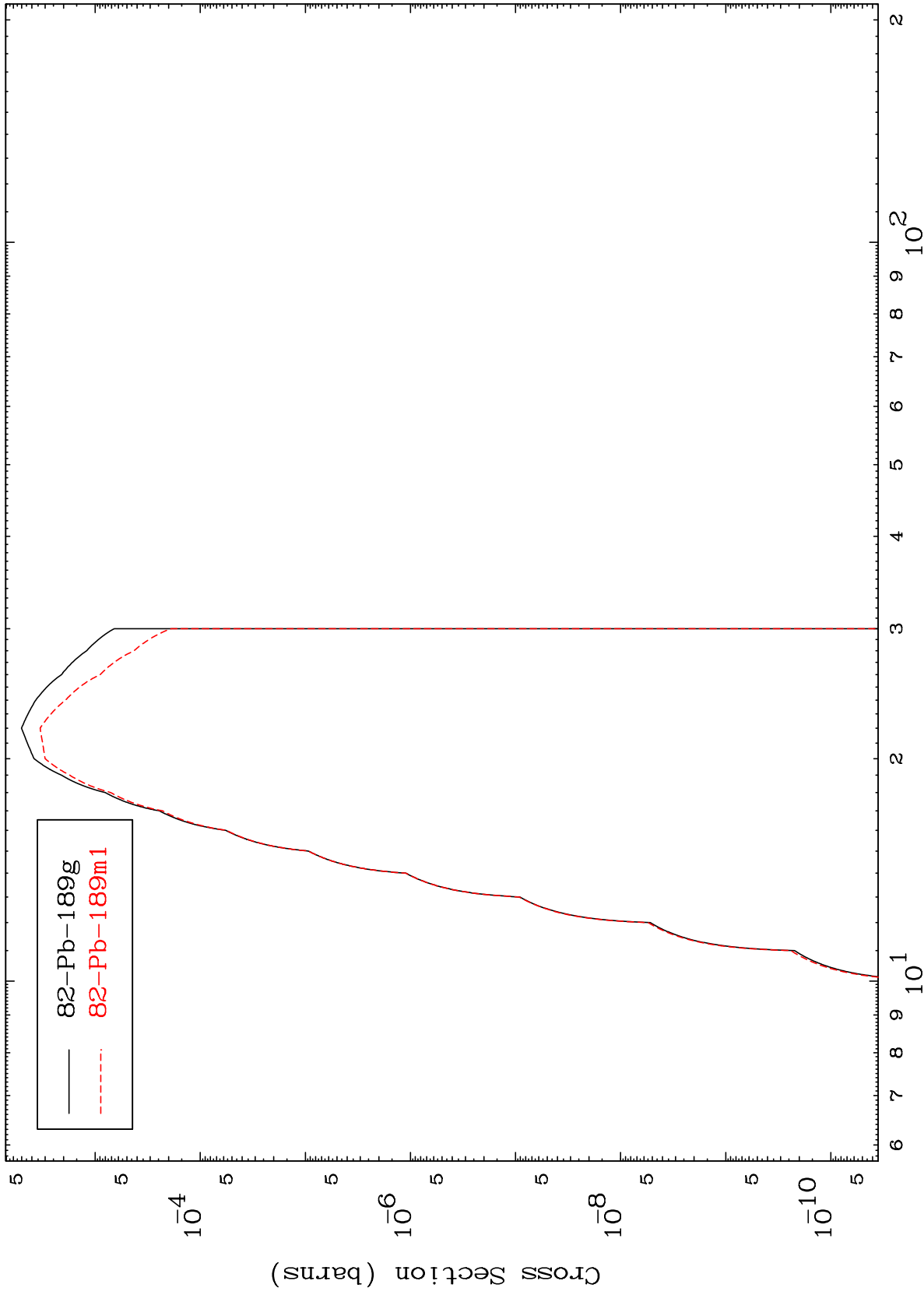
Incident Energy (MeV)

80-Hg-185

MAT 7993

80-Hg-185

(α, γ)
Radionuclide Production Cross Section



14

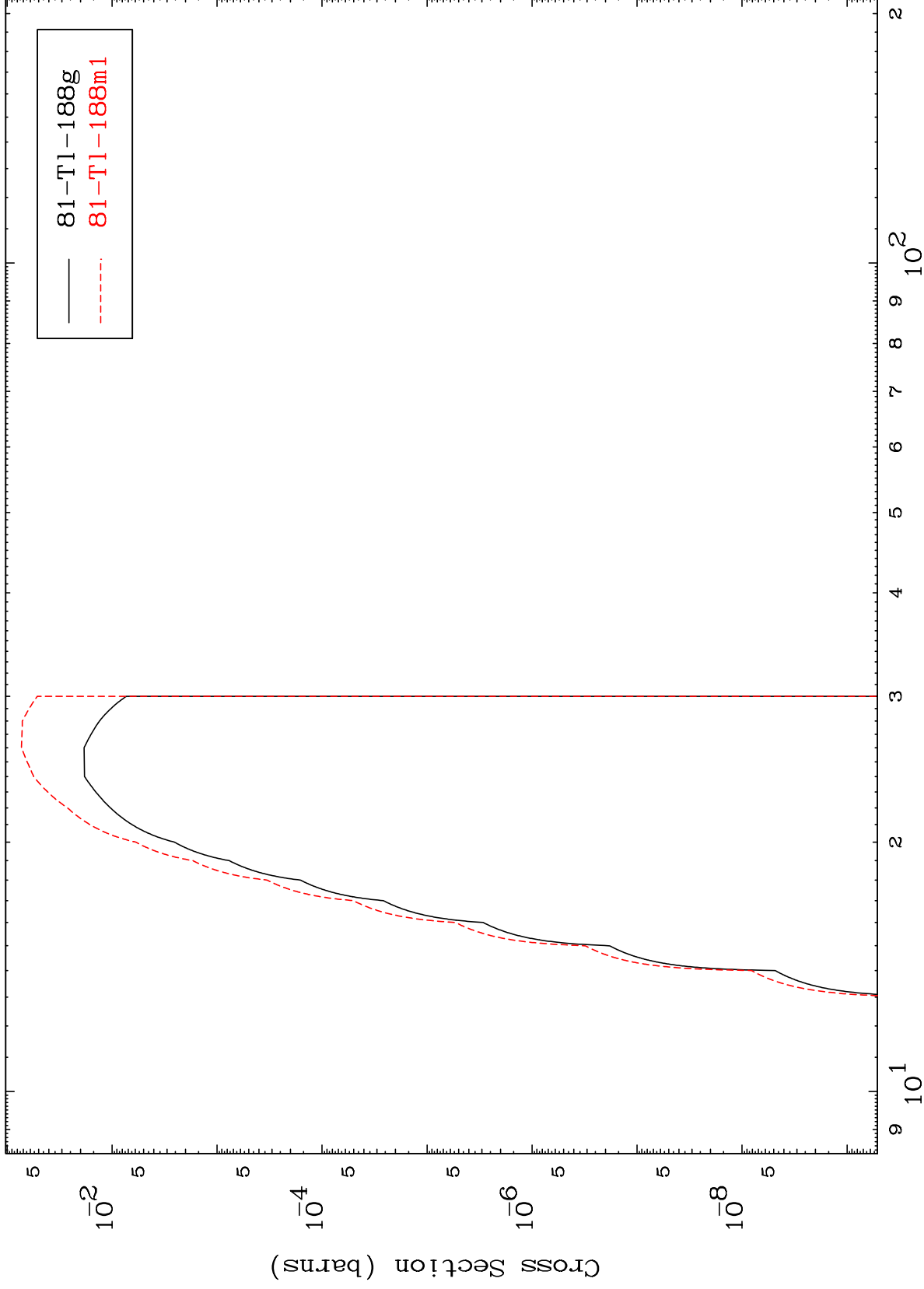
Incident Energy (MeV)

80-Hg-185

MAT 7993

80-Hg-185

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

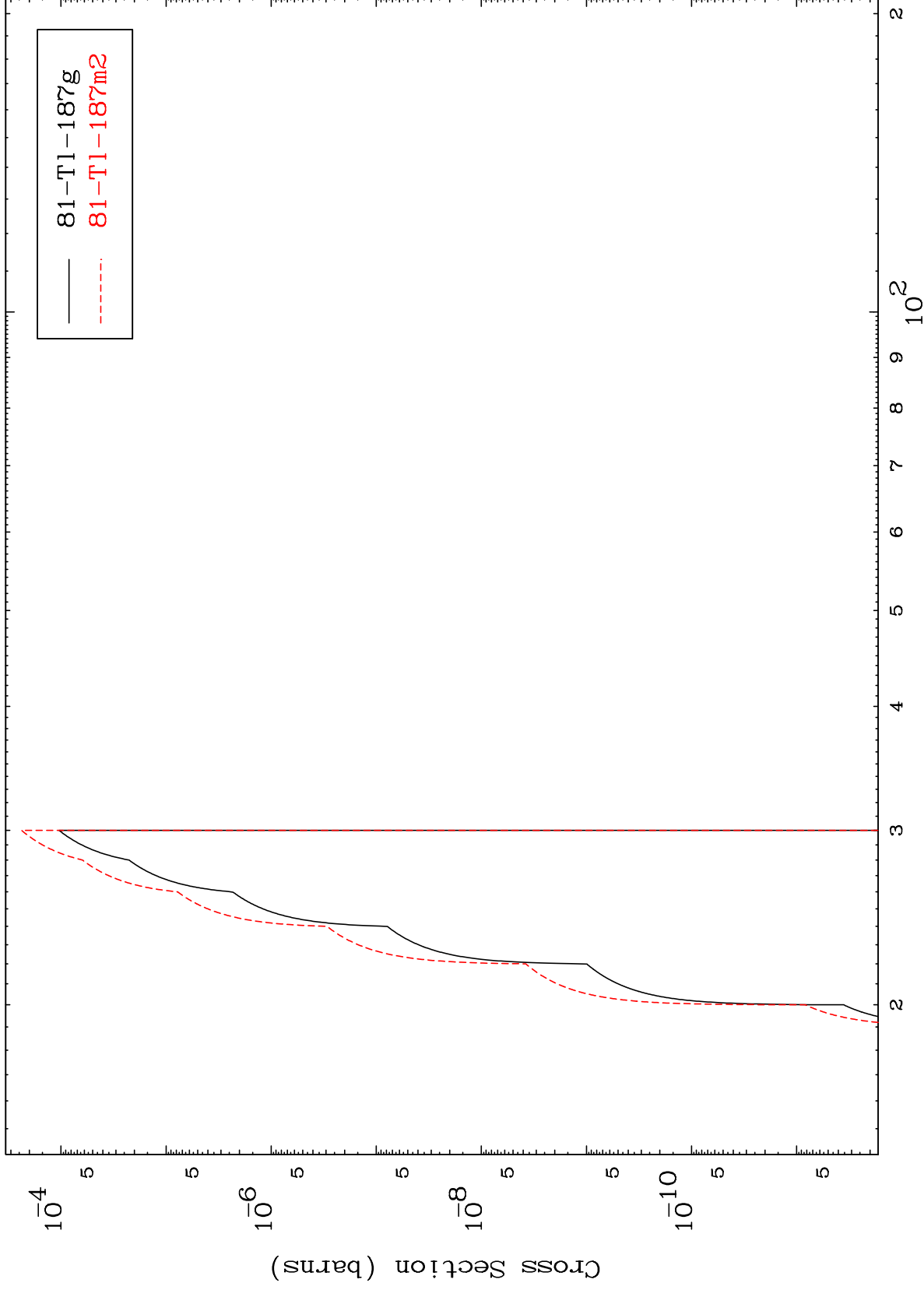
80-Hg-185

MAT 7993

(α, d)

80-Hg-185

Radionuclide Production Cross Section



16

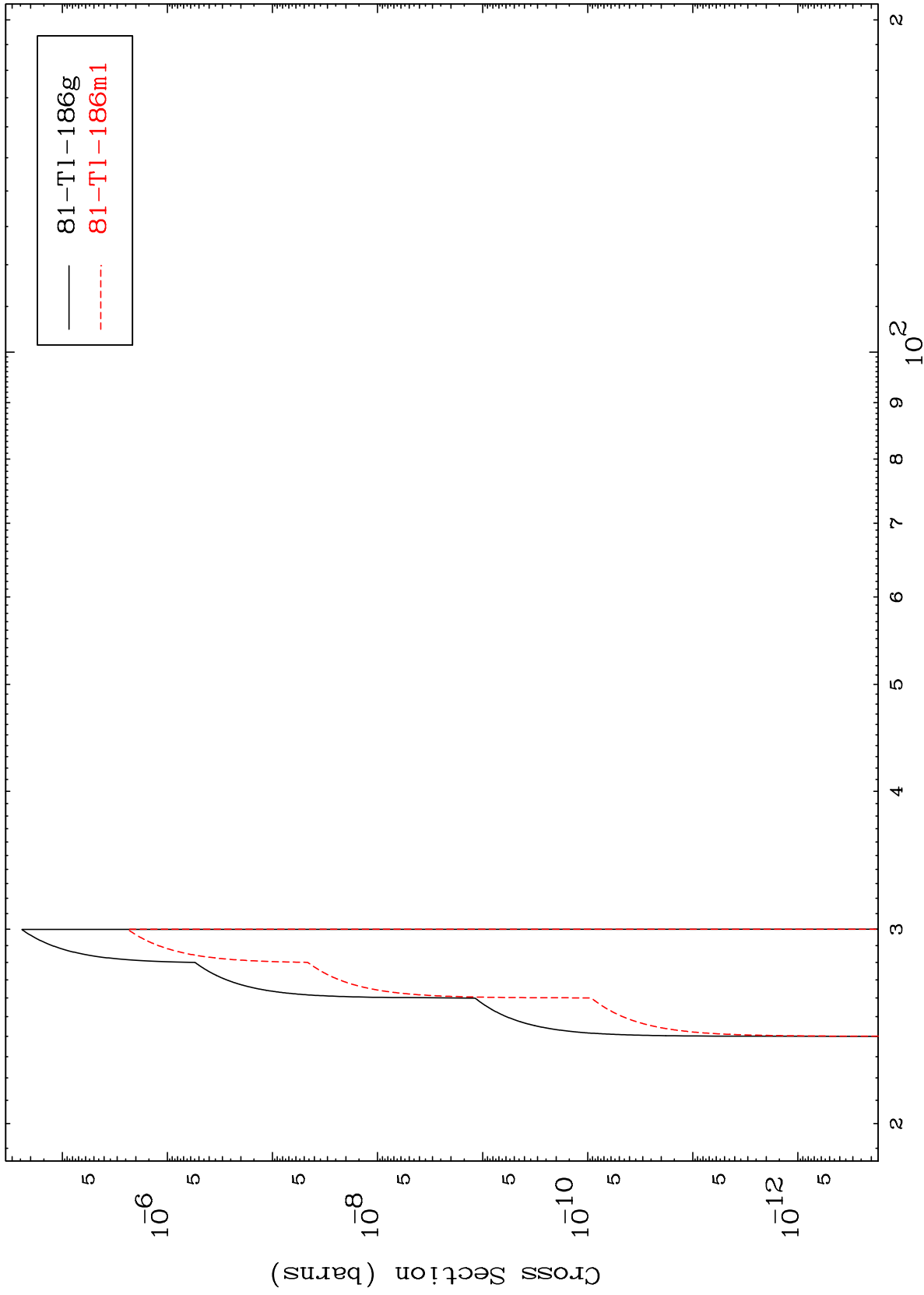
Incident Energy (MeV)

80-Hg-185

MAT 7993

80-Hg-185

(α, t)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

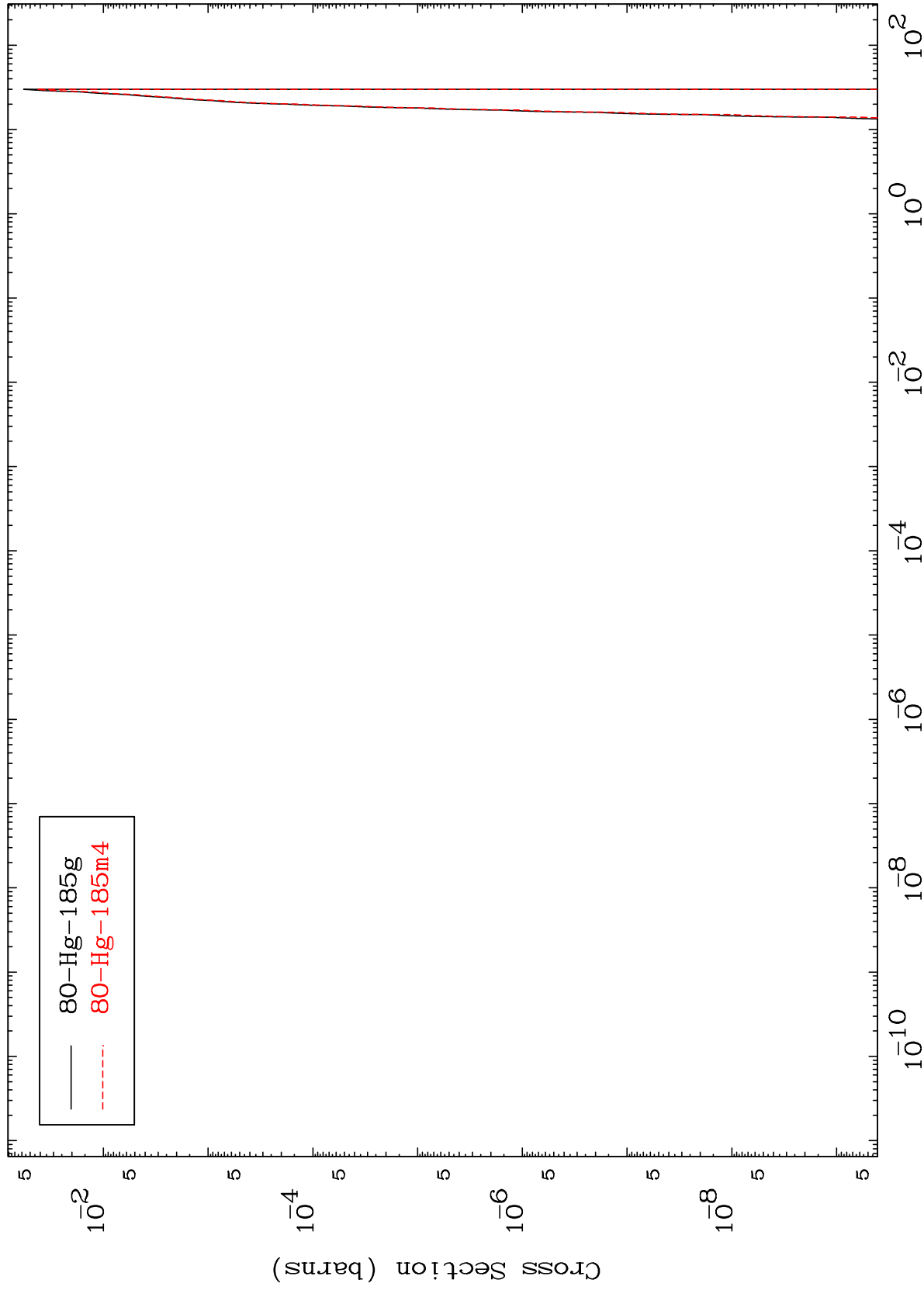
80-Hg-185

MAT 7993

(α, α)

80-Hg-185

Radionuclide Production Cross Section



18

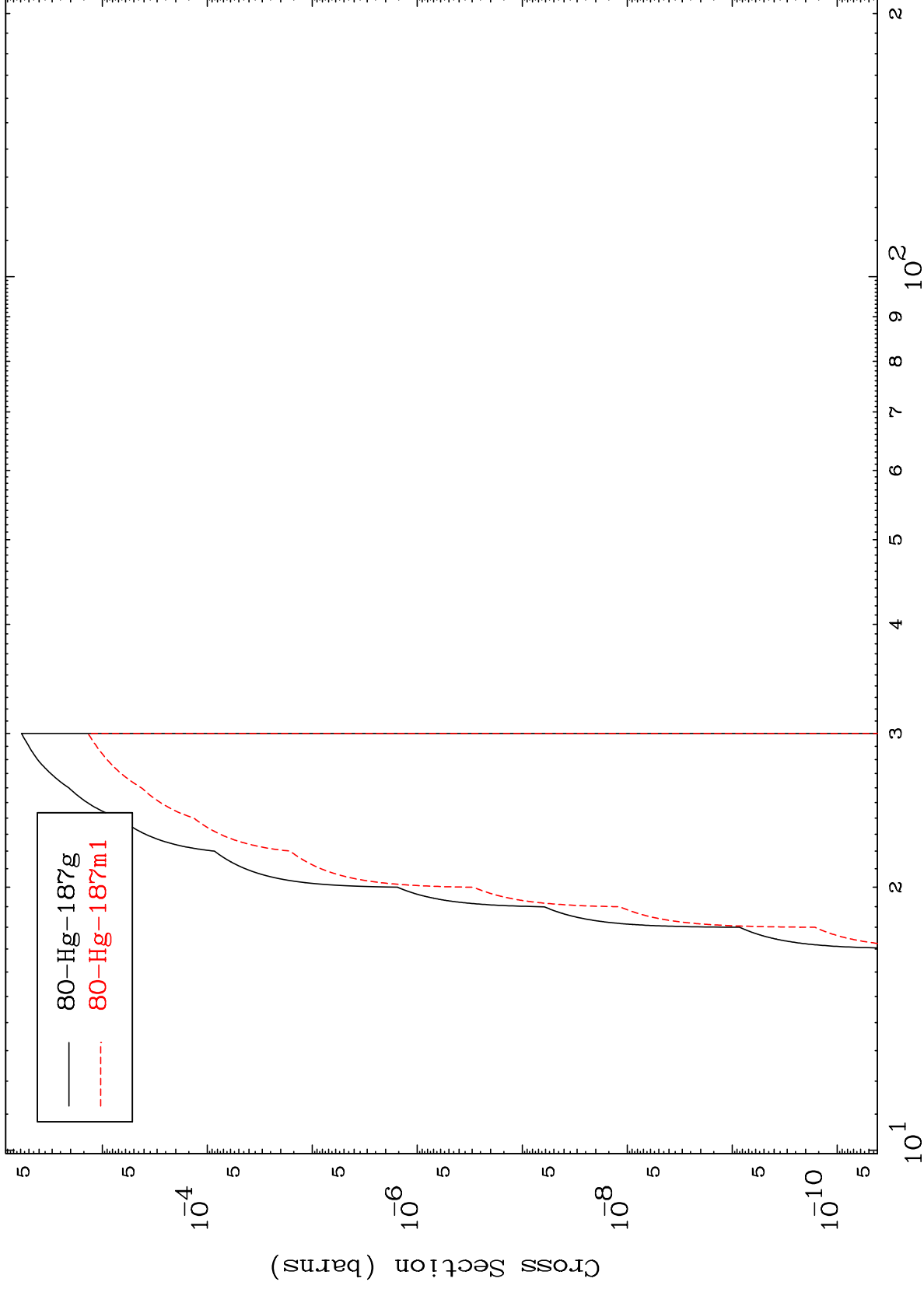
Incident Energy (MeV)

80-Hg-185

MAT 7993

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

80-Hg-185



19

Incident Energy (MeV)

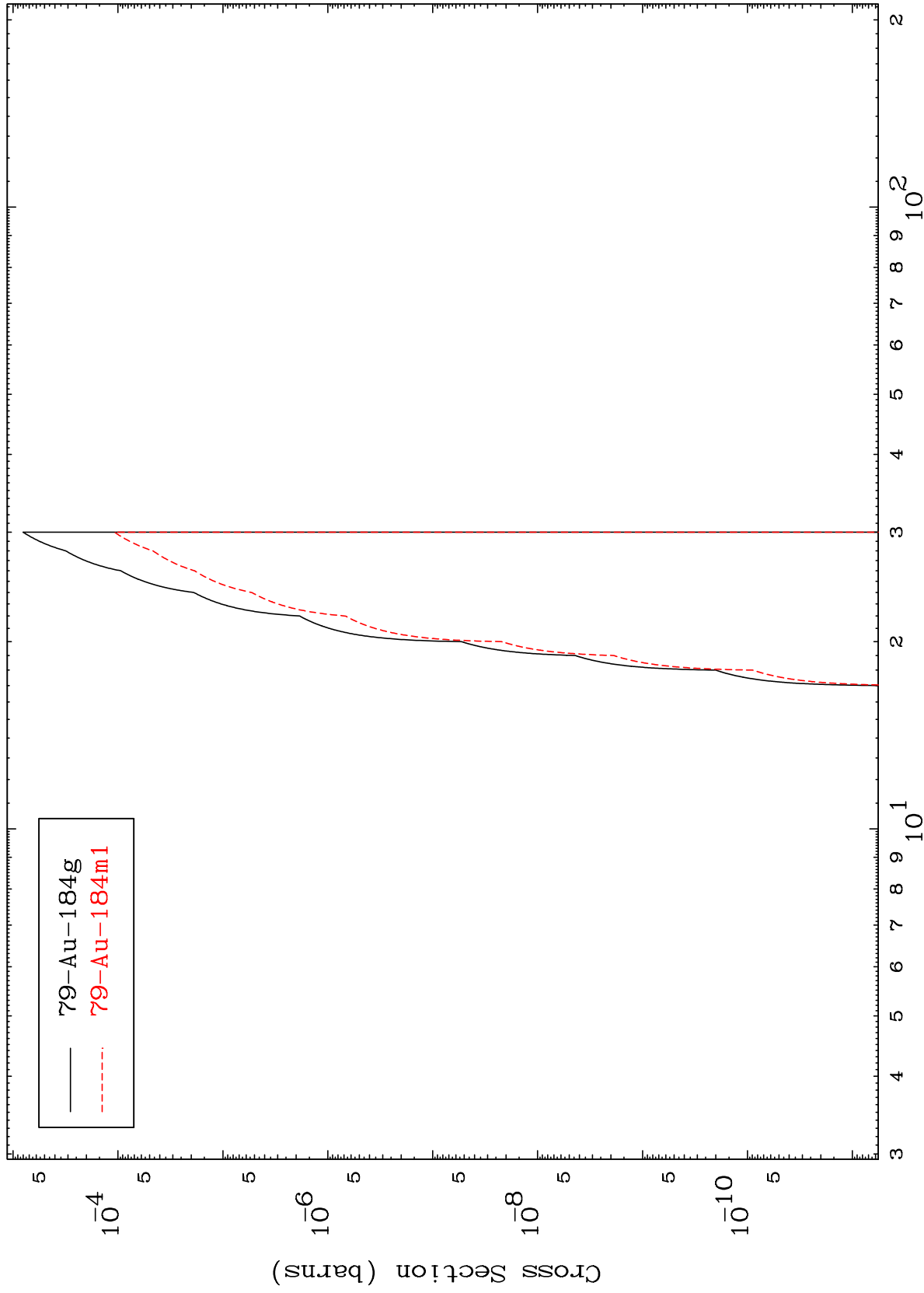
80-Hg-185

MAT 7993

(α ,p) α

80-Hg-185

Radionuclide Production Cross Section



20

Incident Energy (MeV)

80-Hg-185