

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

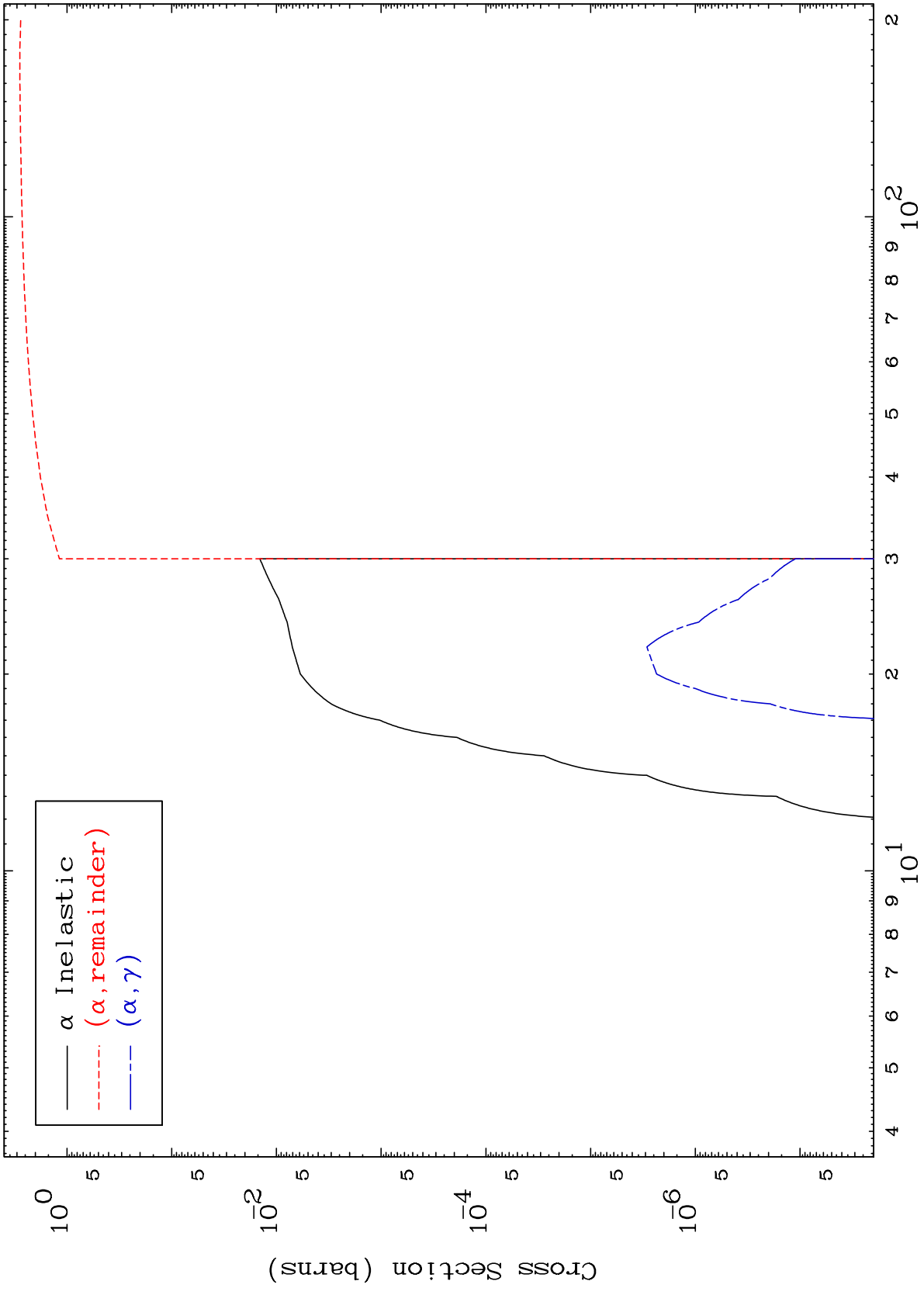
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8055

0 Kelvin α Major Cross Sections

80-Hg-206



1

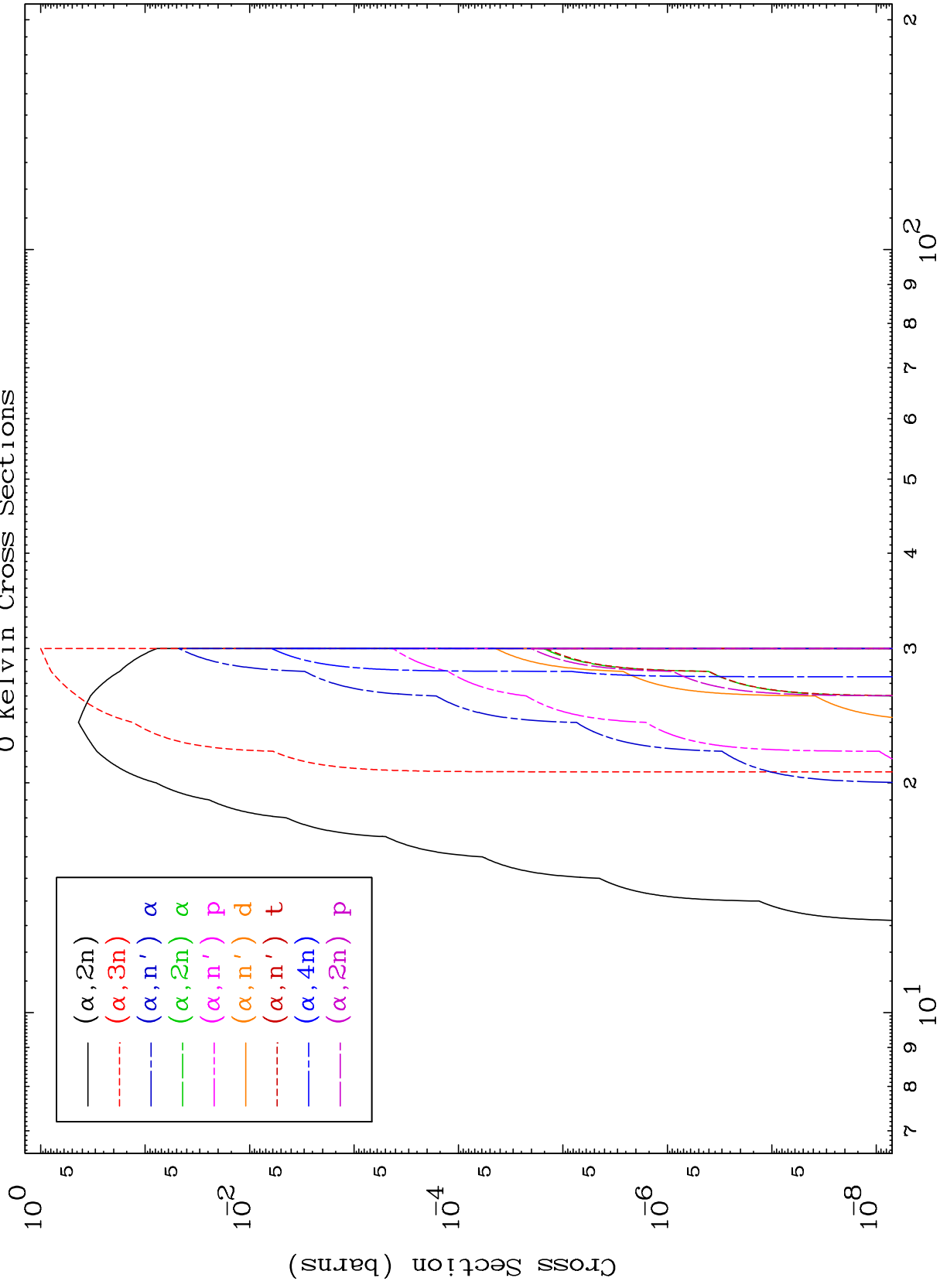
Incident Energy (MeV)

80-Hg-206

MAT 8055

α Neutron Production
0 Kelvin Cross Sections

80-Hg-206



2

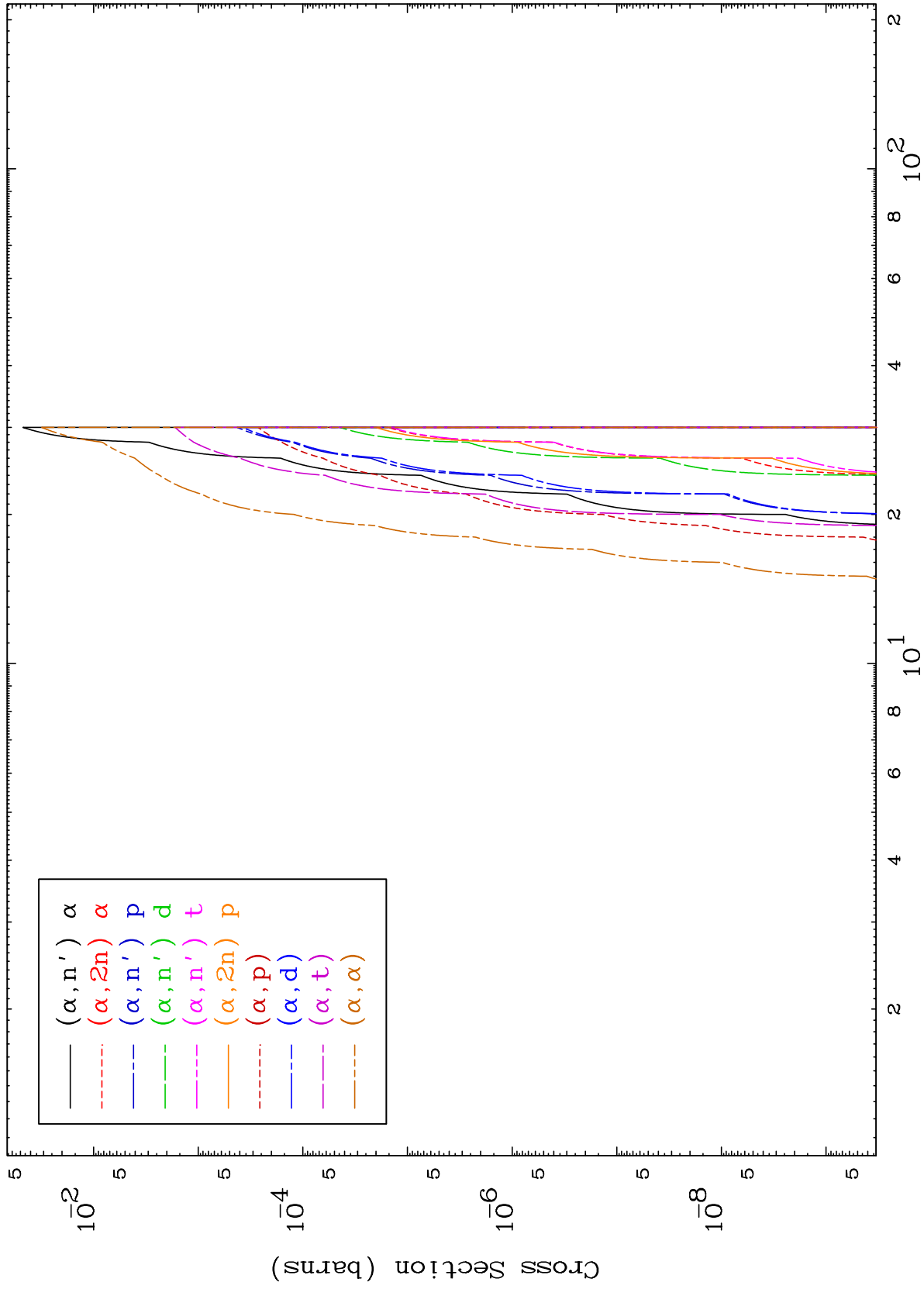
Incident Energy (MeV)

80-Hg-206

MAT 8055

α Charged Particle
0 Kelvin Cross Sections

80-Hg-206



3

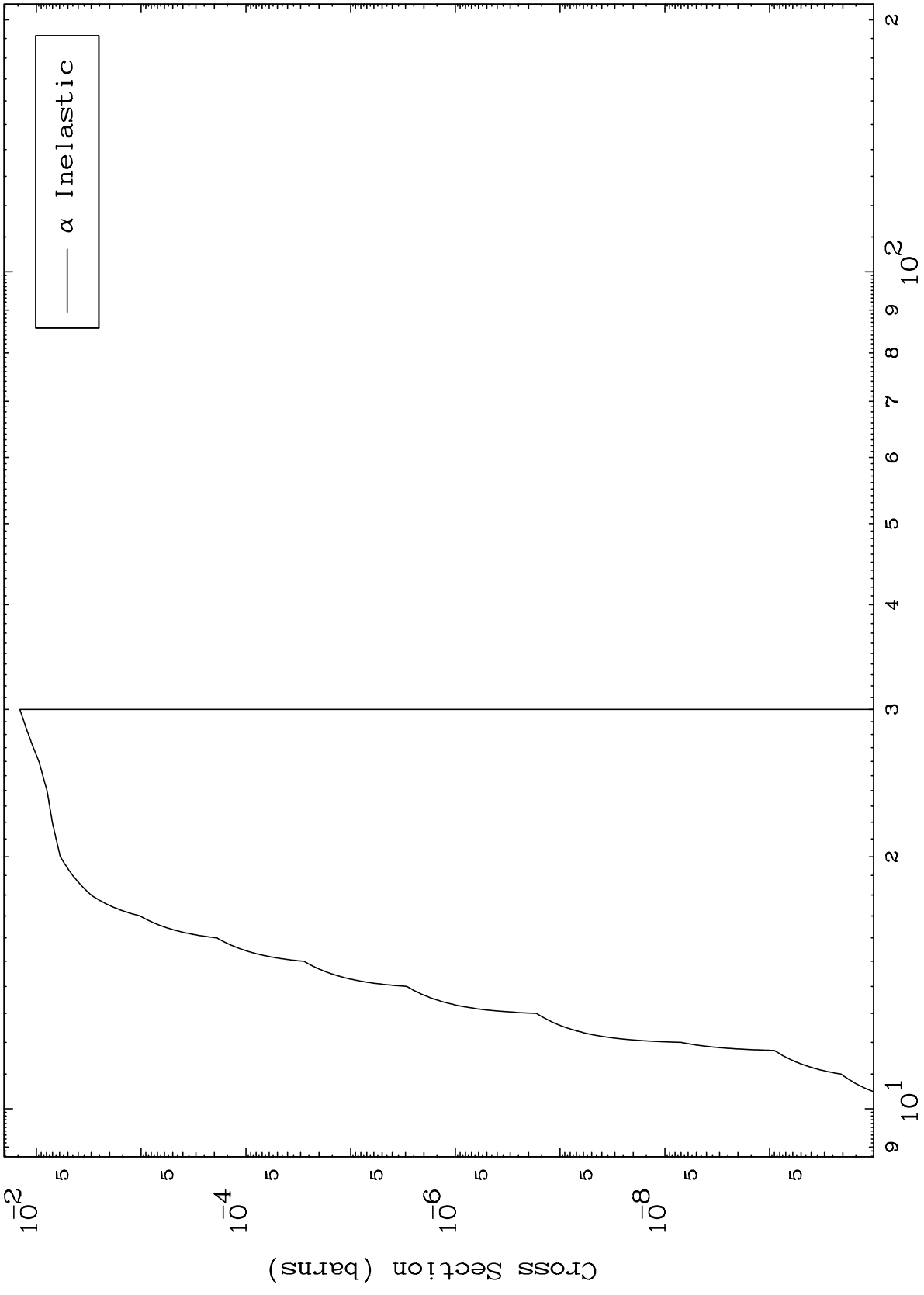
Incident Energy (MeV)

80-Hg-206

MAT 8055

(α, n') Level
0 Kelvin Cross Sections

80-Hg-206



4

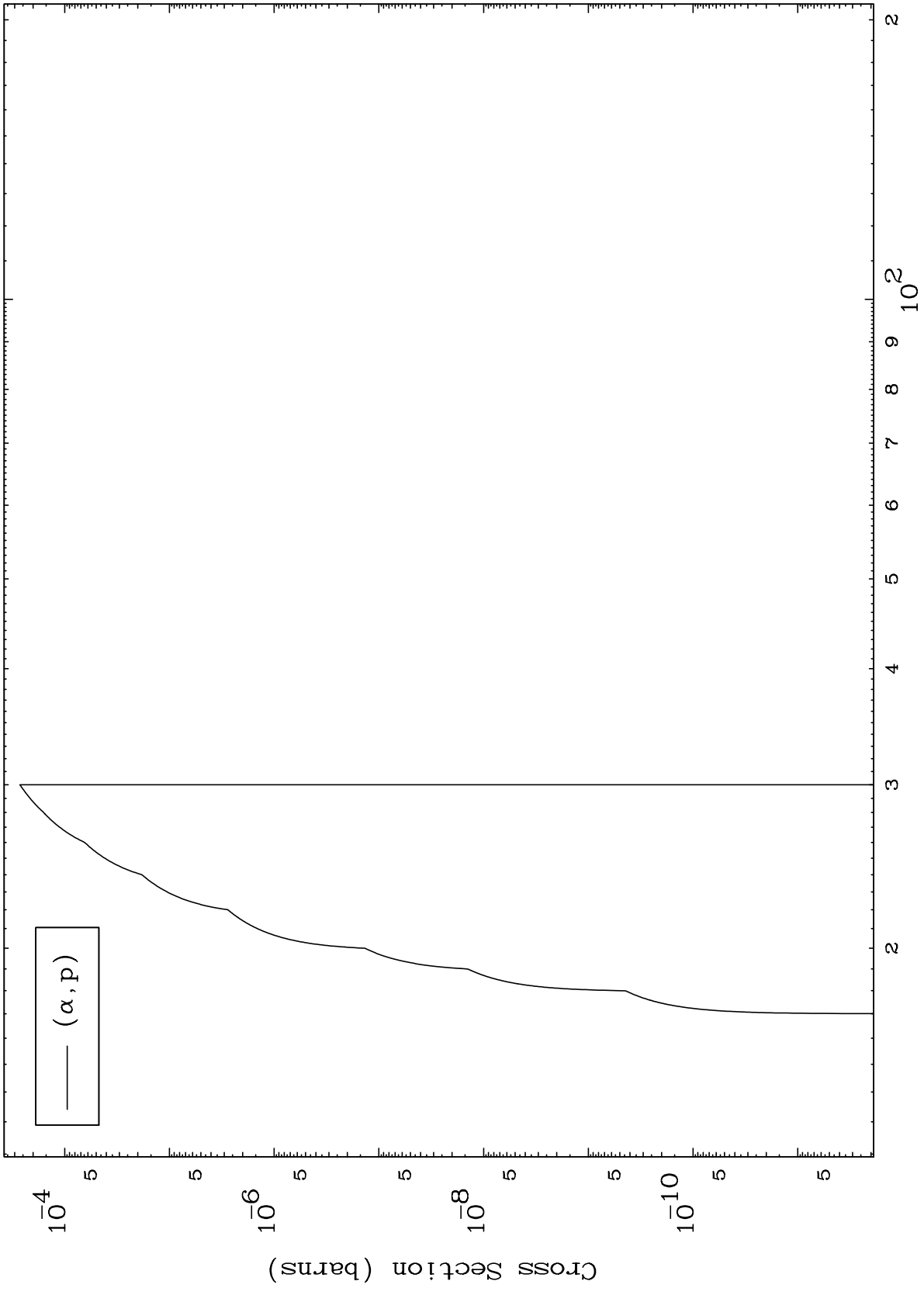
Incident Energy (MeV)

80-Hg-206

MAT 8055

(α, p) Levels
0 Kelvin Cross Sections

80-Hg-206



5

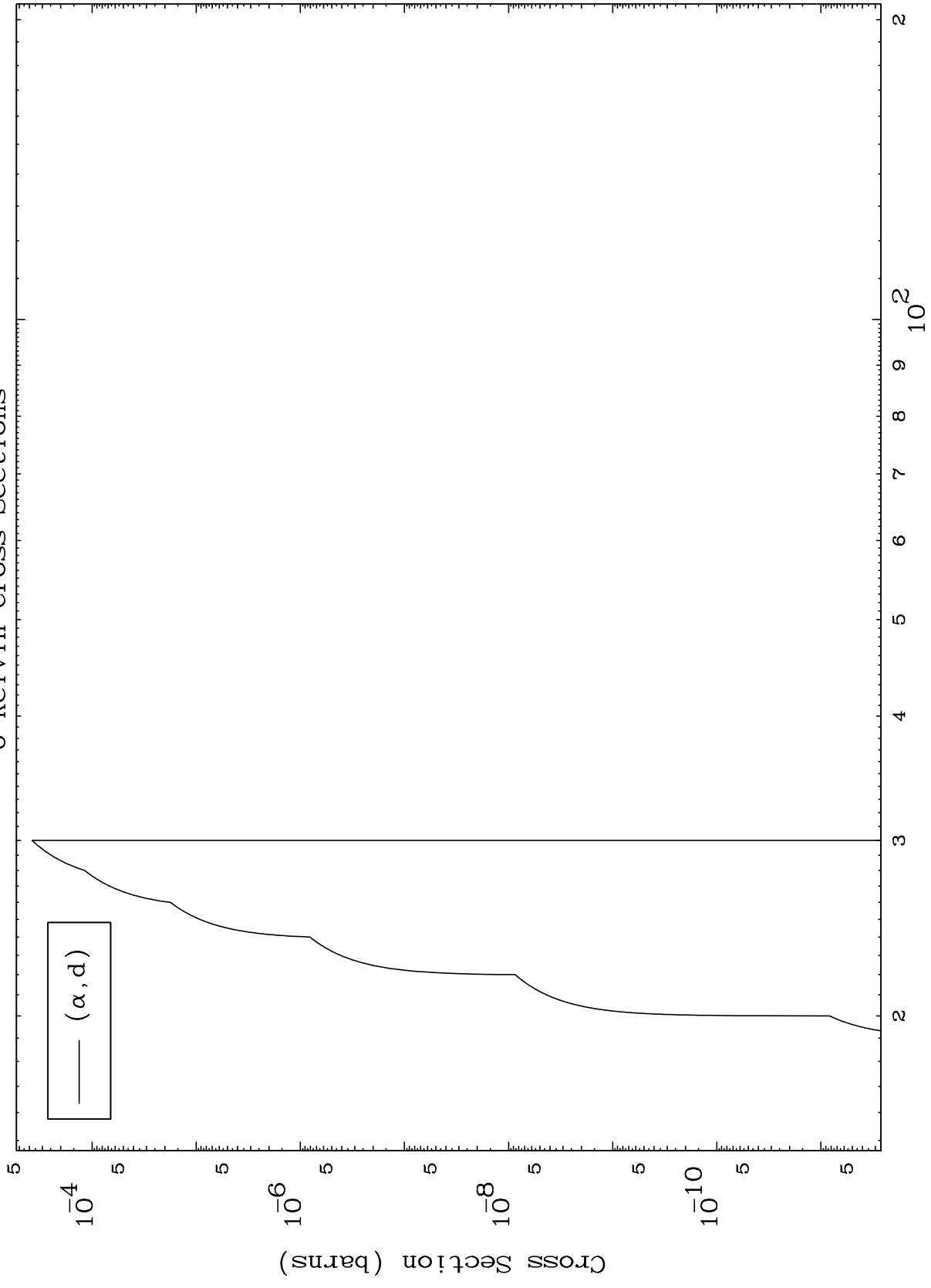
Incident Energy (MeV)

80-Hg-206

MAT 80555

(α, d) Levels
0 Kelvin Cross Sections

80-Hg-206



6

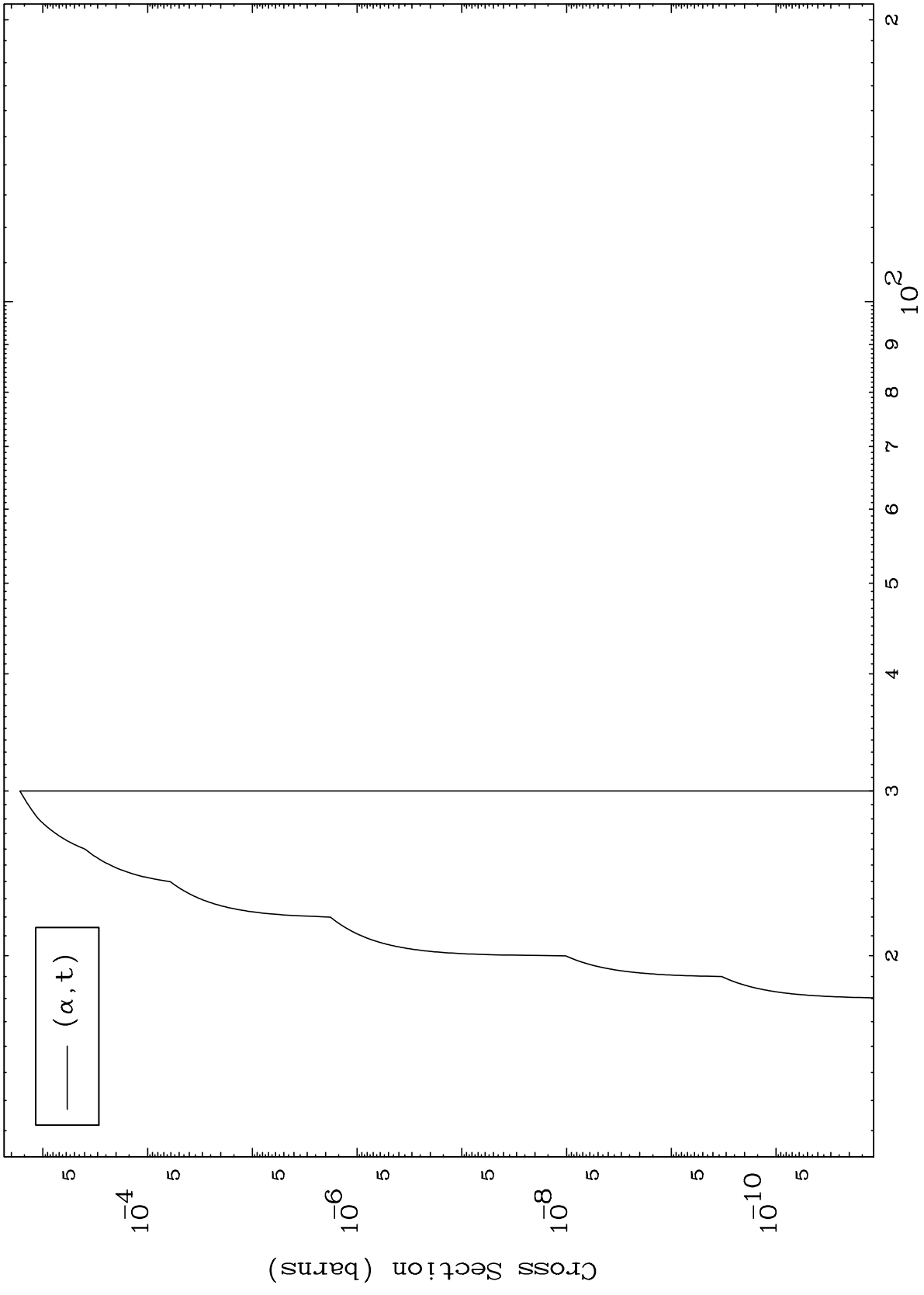
Incident Energy (MeV)

80-Hg-206

MAT 8055

(α, t) Levels
0 Kelvin Cross Sections

80-Hg-206



7

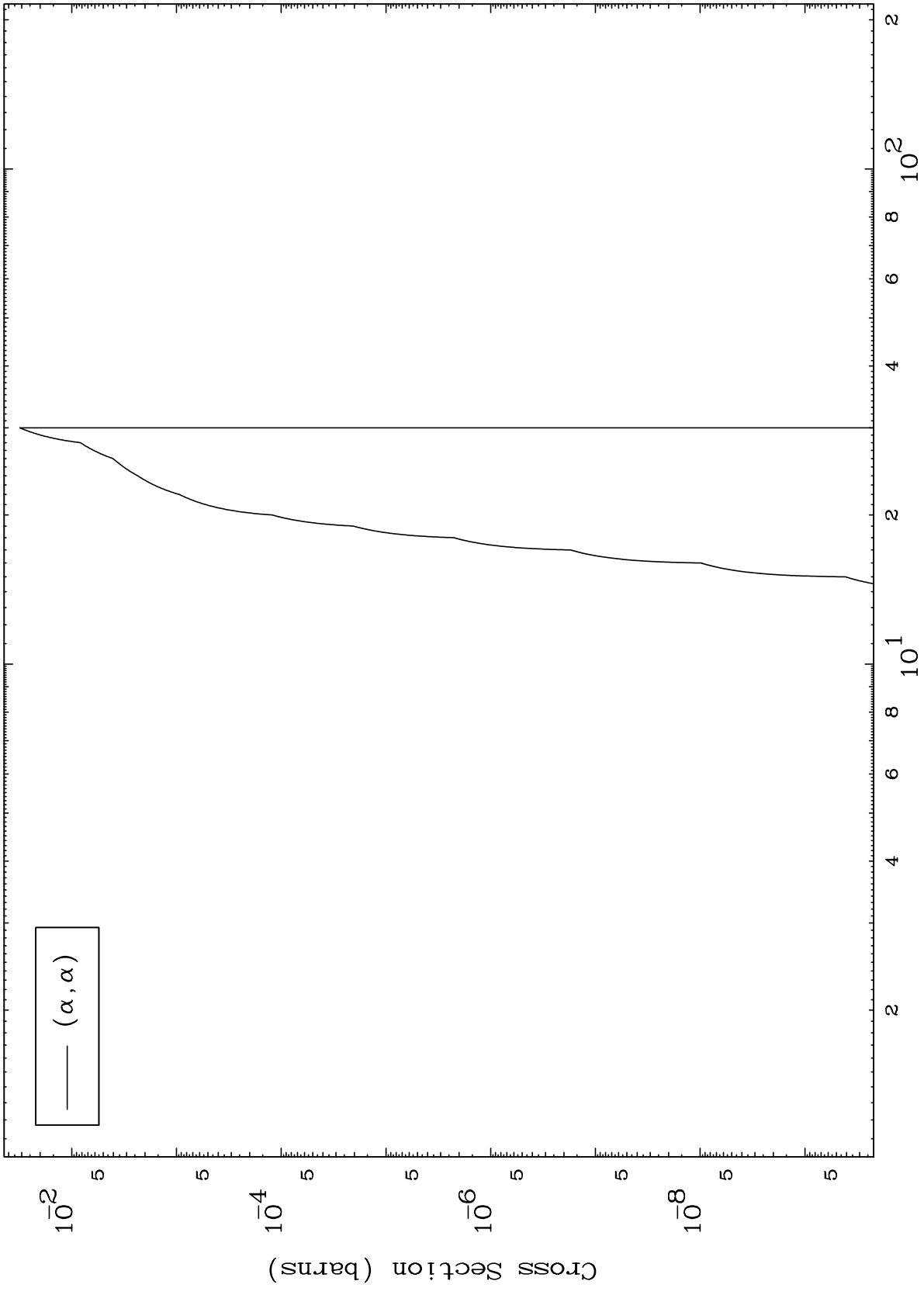
Incident Energy (MeV)

80-Hg-206

MAT 80555

(α, α) Levels
0 Kelvin Cross Sections

80-Hg-206



8

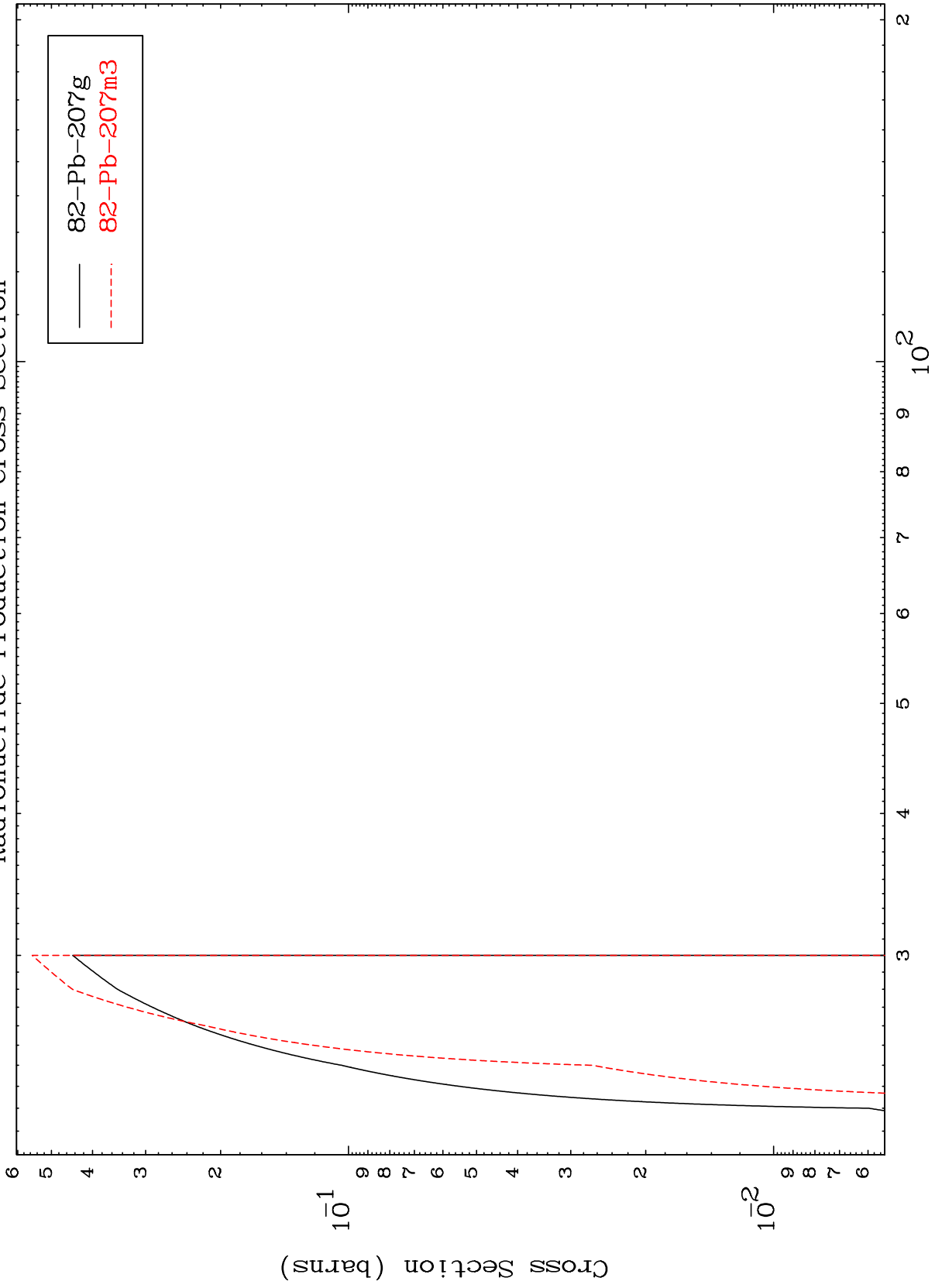
Incident Energy (MeV)

80-Hg-206

MAT 8055

80-Hg-206

($\alpha, 3n$)
Radionuclide Production Cross Section



9

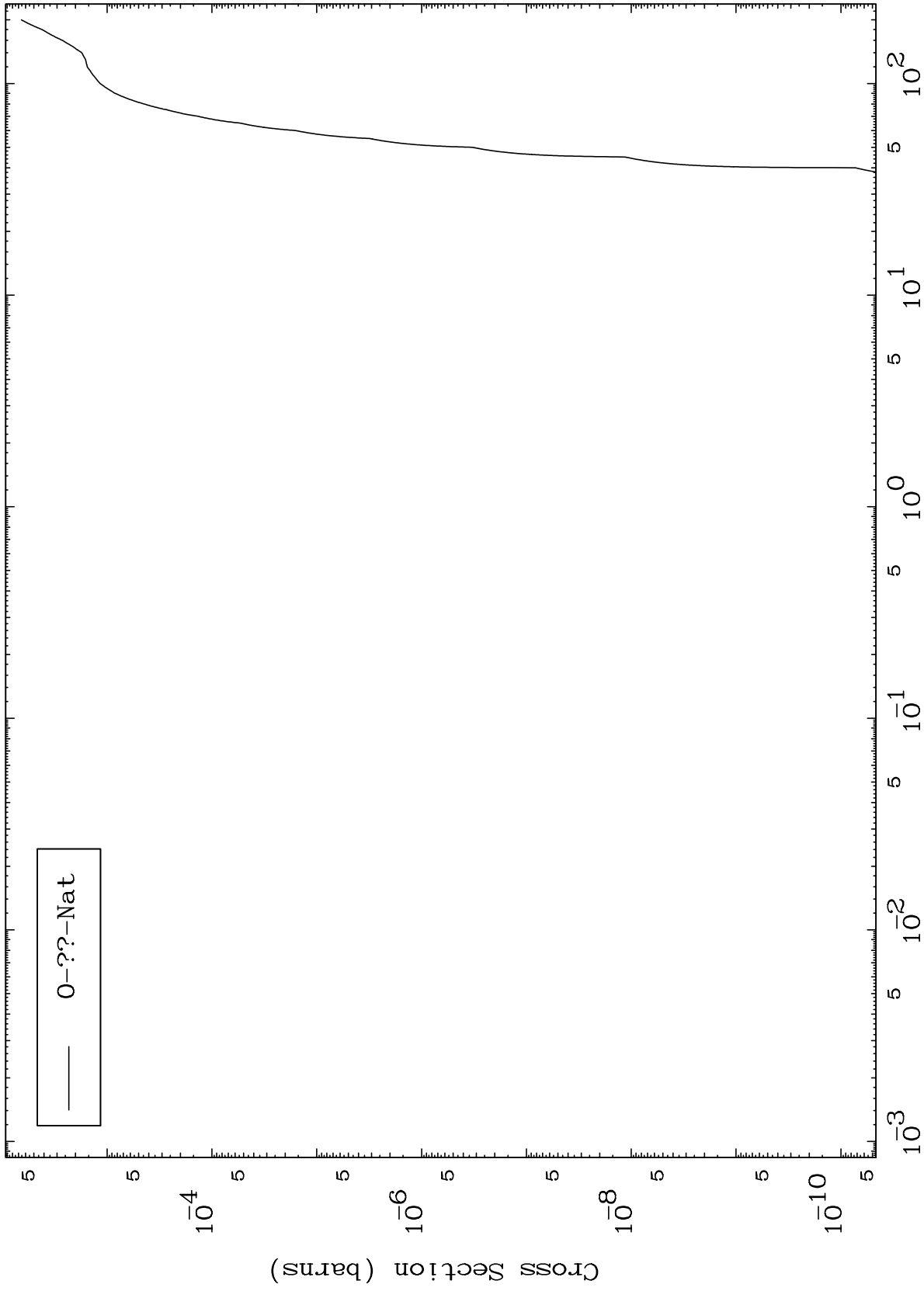
Incident Energy (MeV)

80-Hg-206

MAT 8055

α Fission
Radionuclide Production Cross Section

80-Hg-206



Incident Energy (MeV)

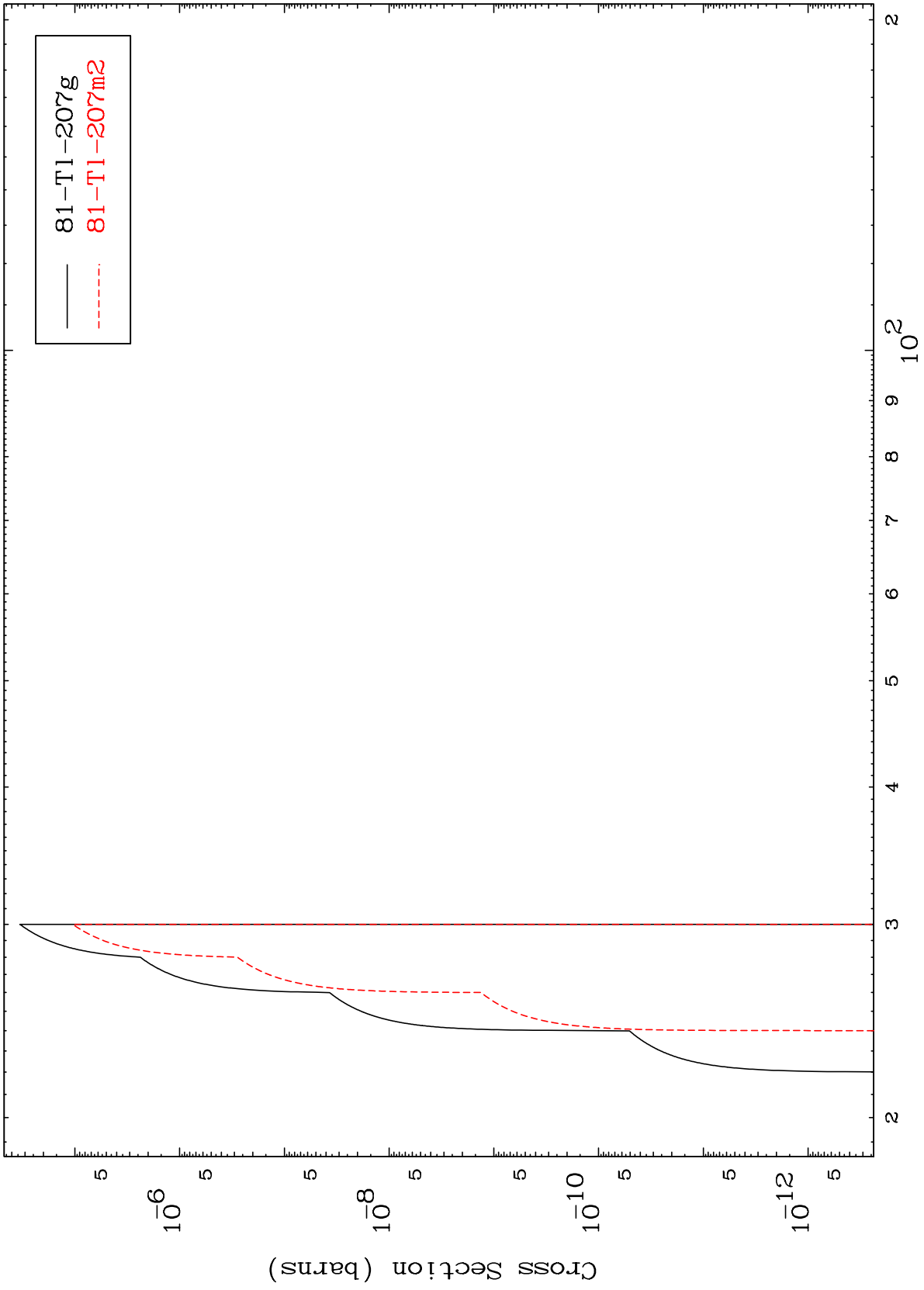
80-Hg-206

MAT 8055

(α, n') d

80-Hg-206

Radionuclide Production Cross Section



11

Incident Energy (MeV)

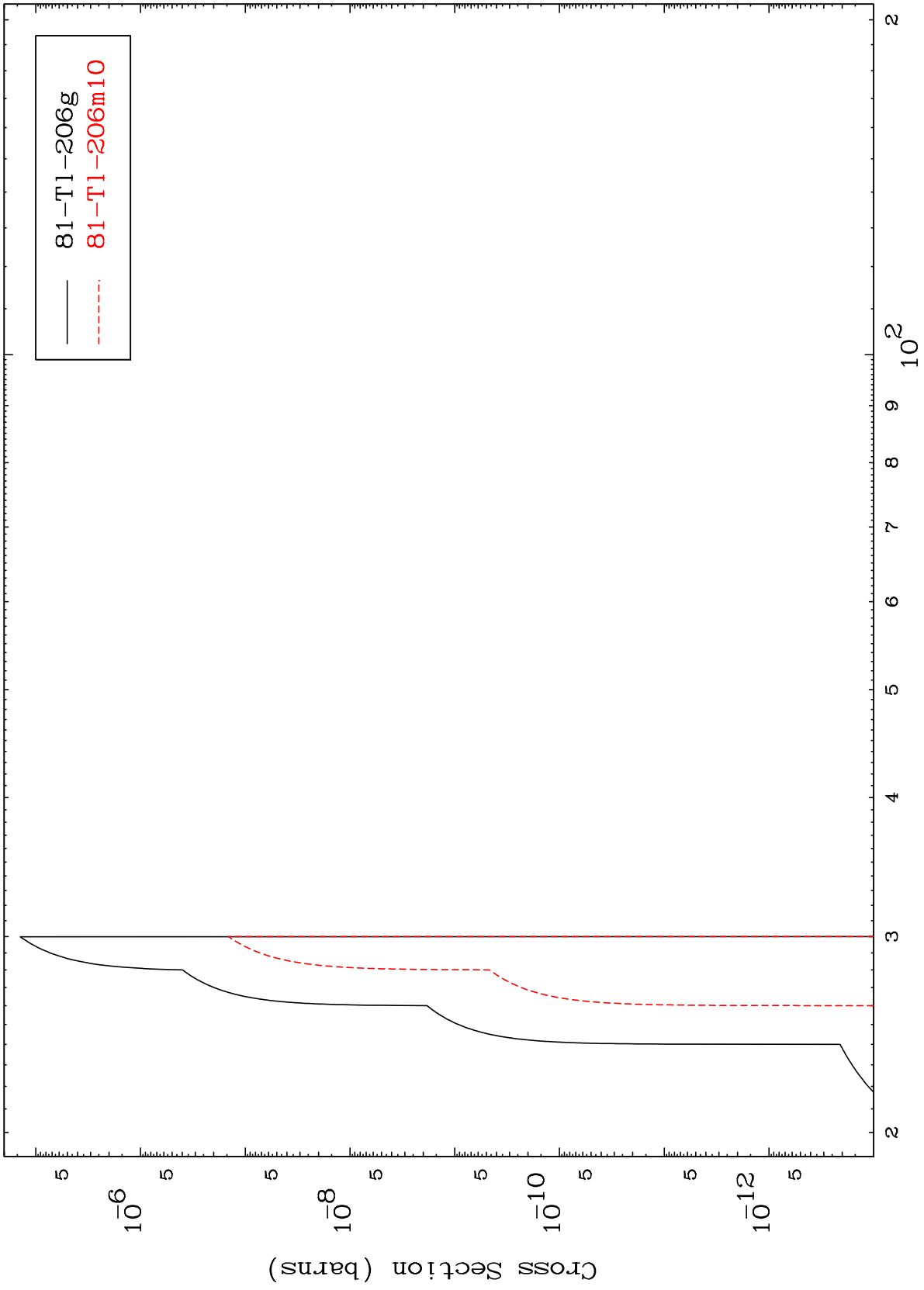
80-Hg-206

MAT 8055

(α, n') t

80-Hg-206

Radionuclide Production Cross Section



12

Incident Energy (MeV)

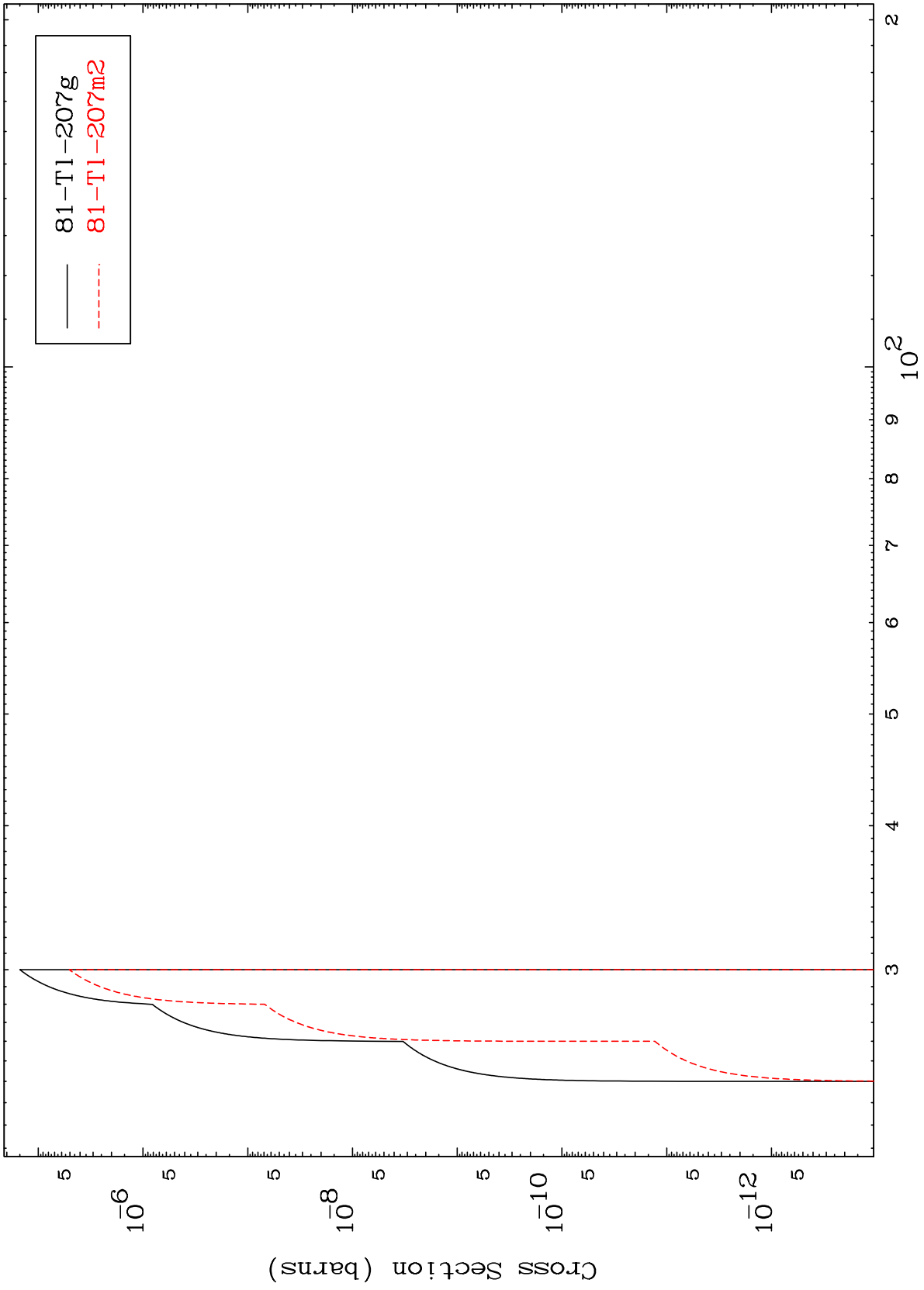
80-Hg-206

MAT 8055

($\alpha, 2n$) p

80-Hg-206

Radionuclide Production Cross Section



13

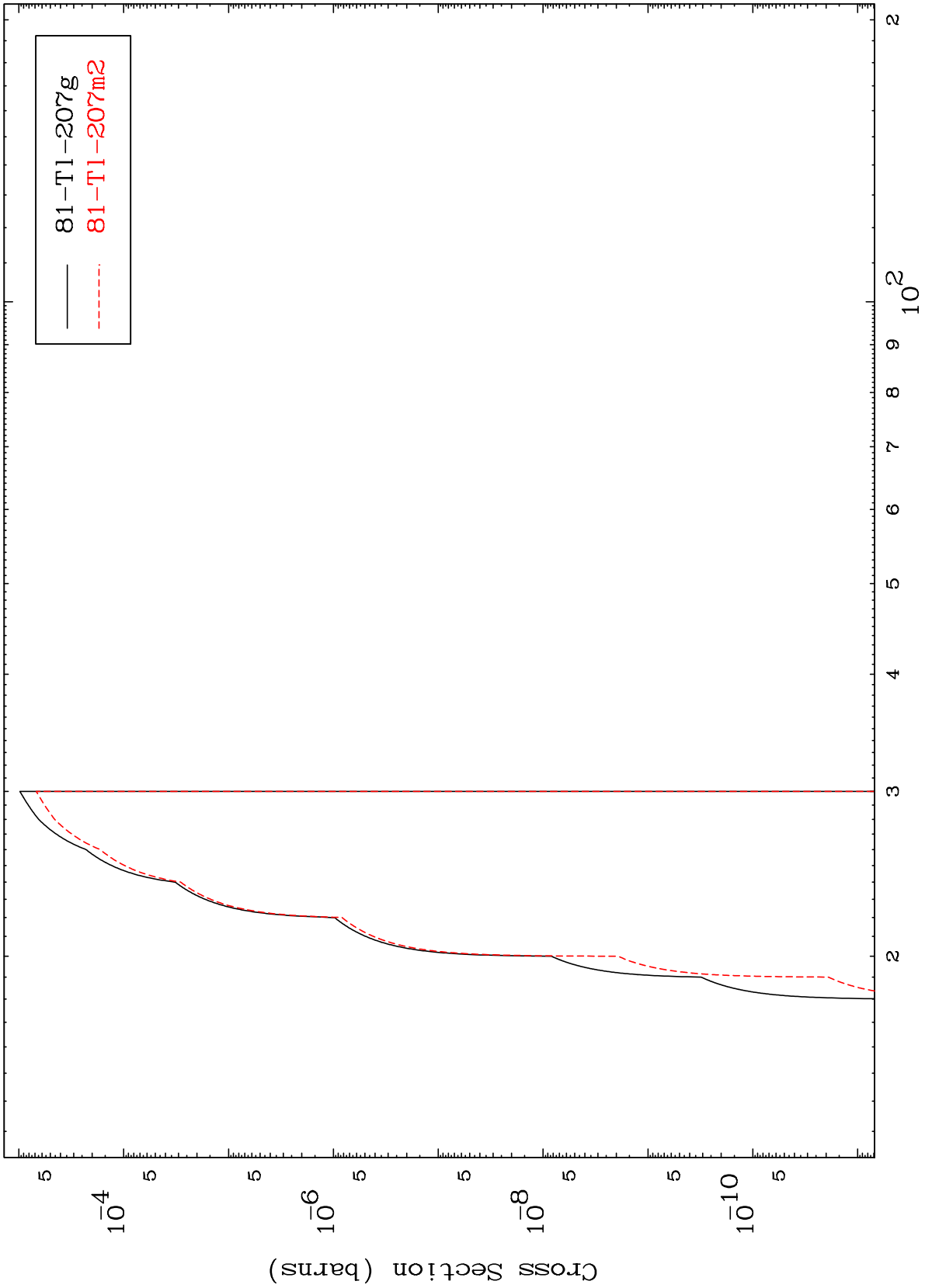
Incident Energy (MeV)

80-Hg-206

MAT 8055

80-Hg-206

(α, t)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

80-Hg-206