

Program EVALPLOT
(Version 2021-1)

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

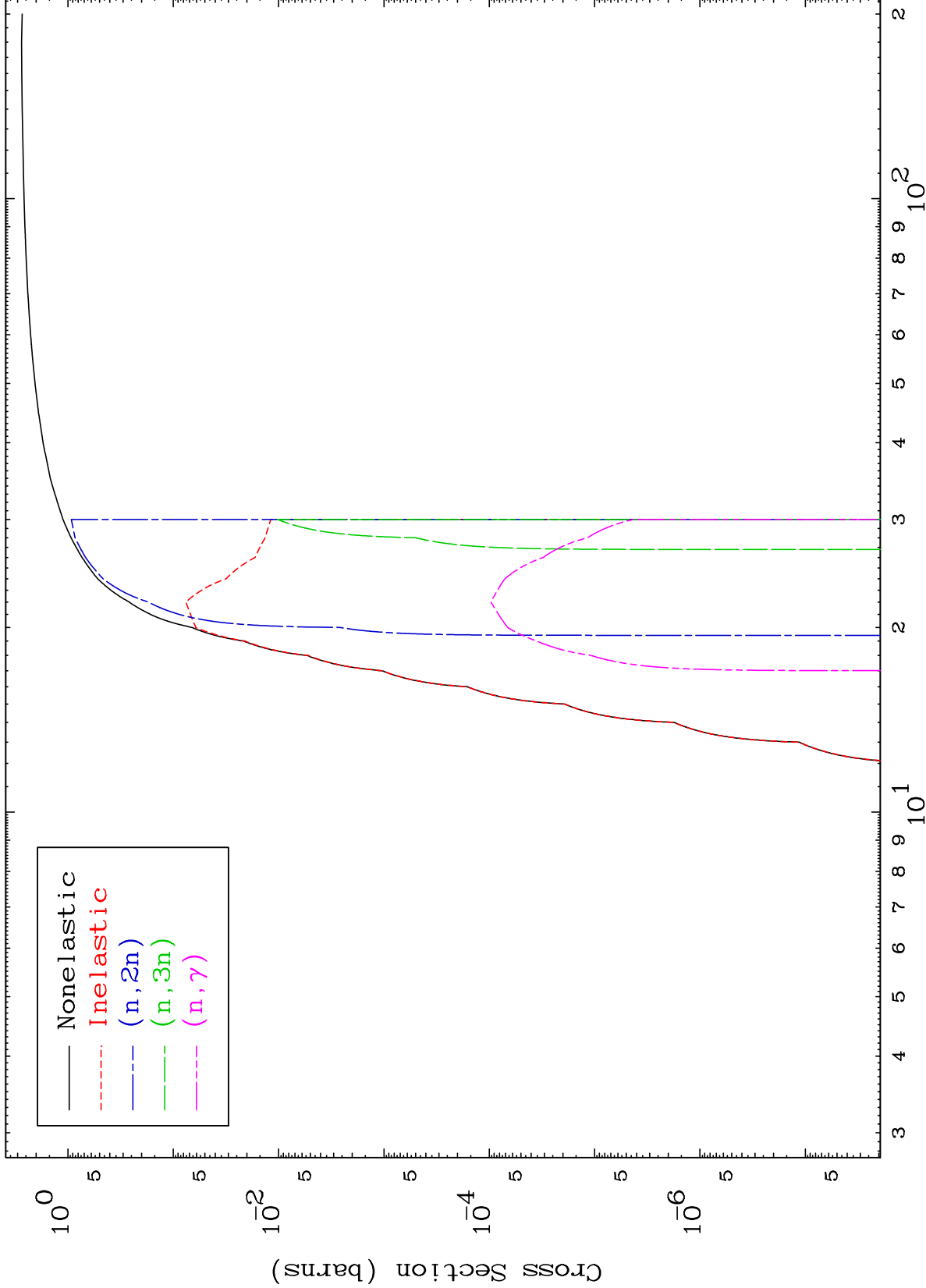
Press Mouse Button to Start

MAT 8028

α Major

80-Hg-197

0 Kelvin Cross Sections



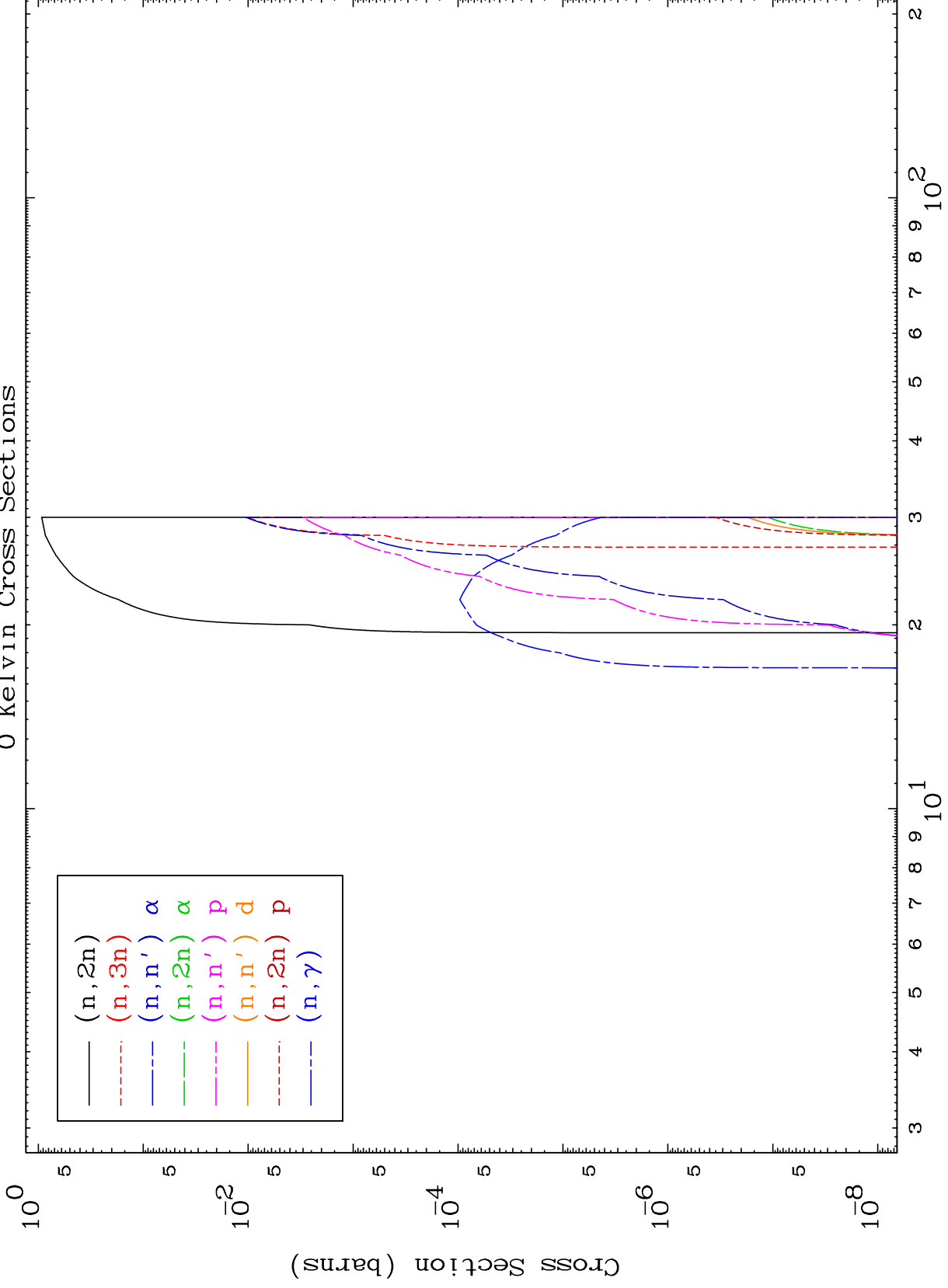
Incident Energy (MeV)

80-Hg-197

MAT 8028

α Neutron Absorption
0 Kelvin Cross Sections

80-Hg-197



2

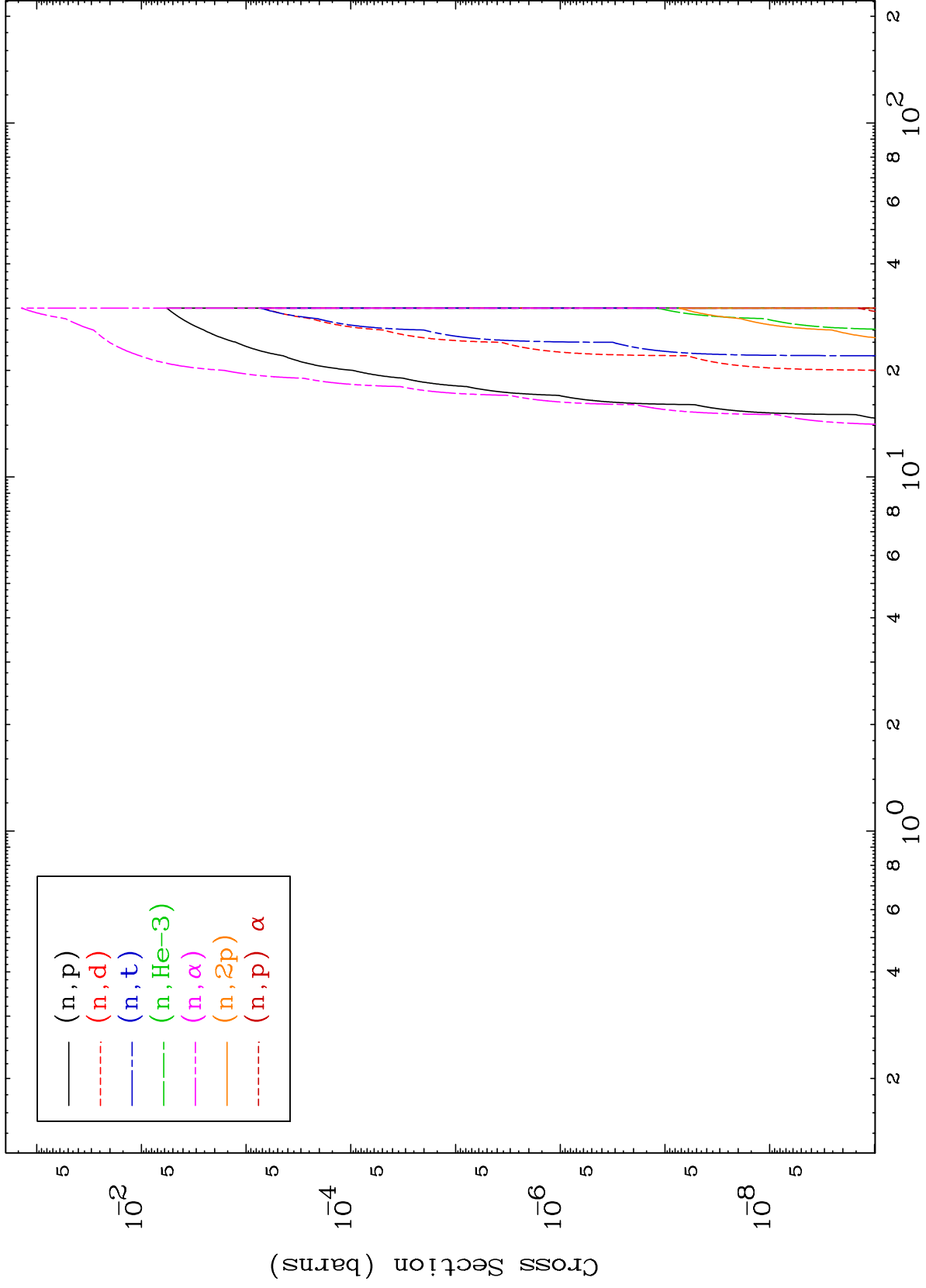
Incident Energy (MeV)

80-Hg-197

MAT 8028

α Neutron Absorption
0 Kelvin Cross Sections

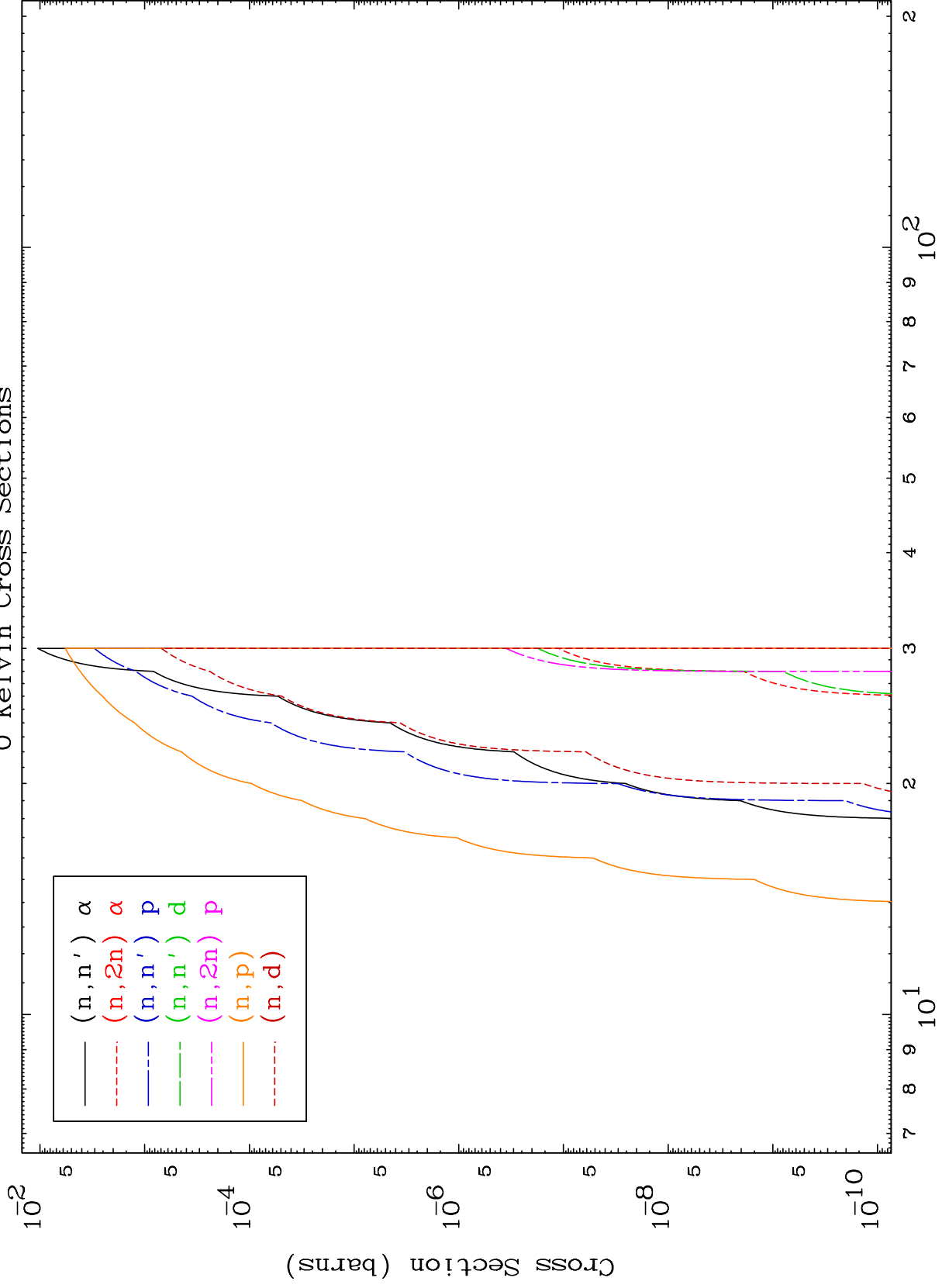
80-Hg-197

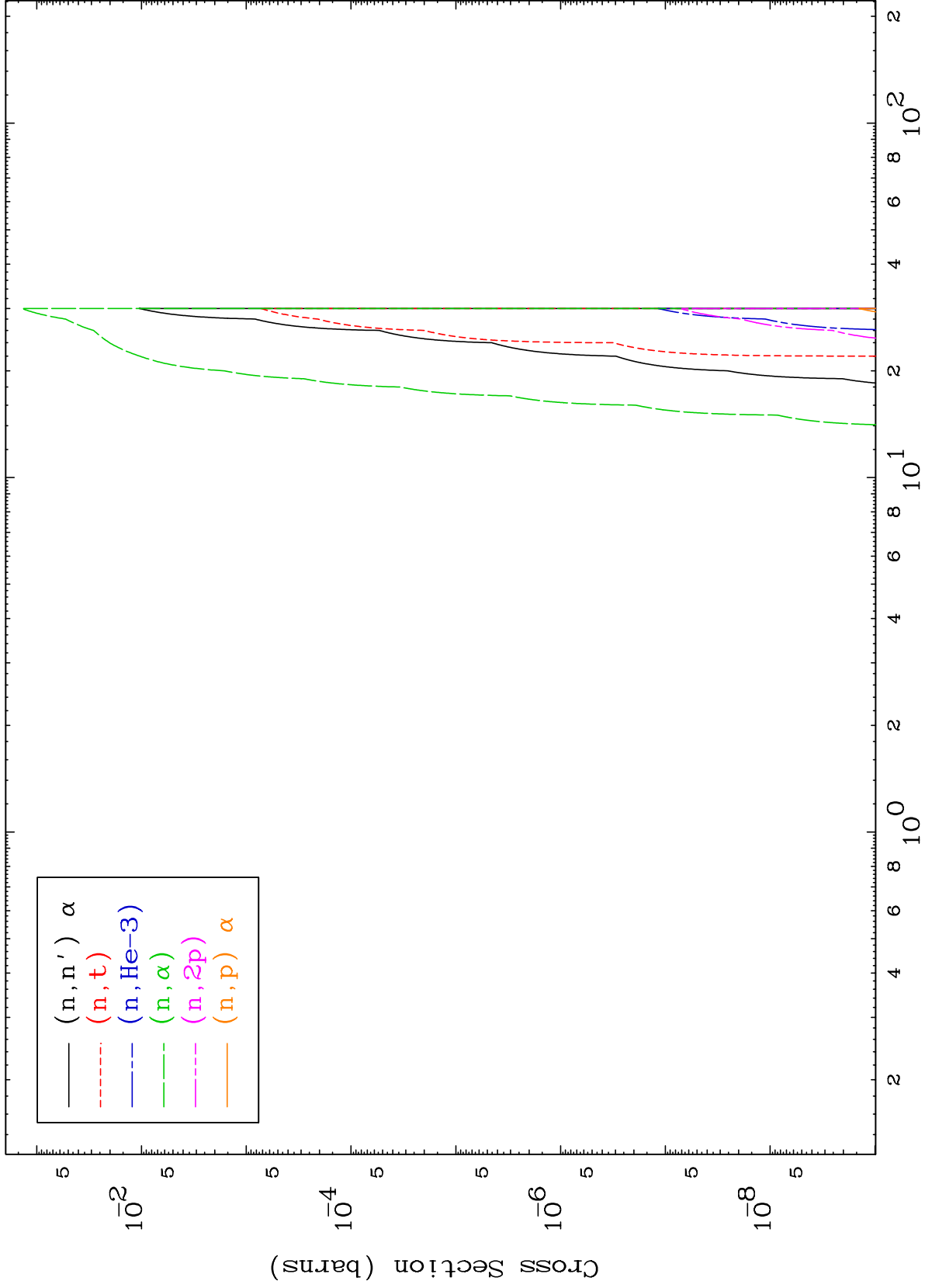


MAT 8028

α Charged Particle
0 Kelvin Cross Sections

80-Hg-197

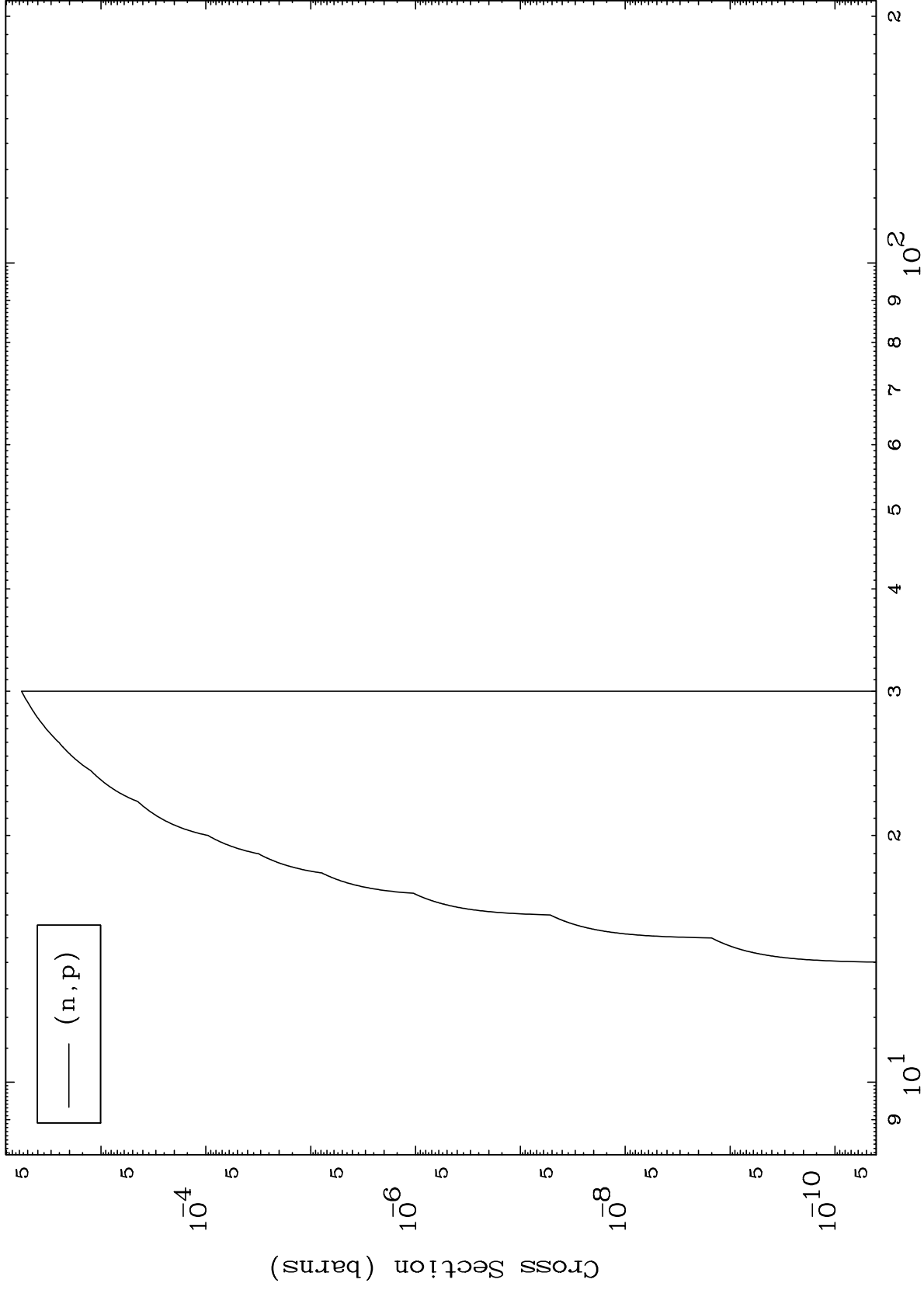




MAT 8028

(α, p) Levels
0 Kelvin Cross Sections

80-Hg-197



6

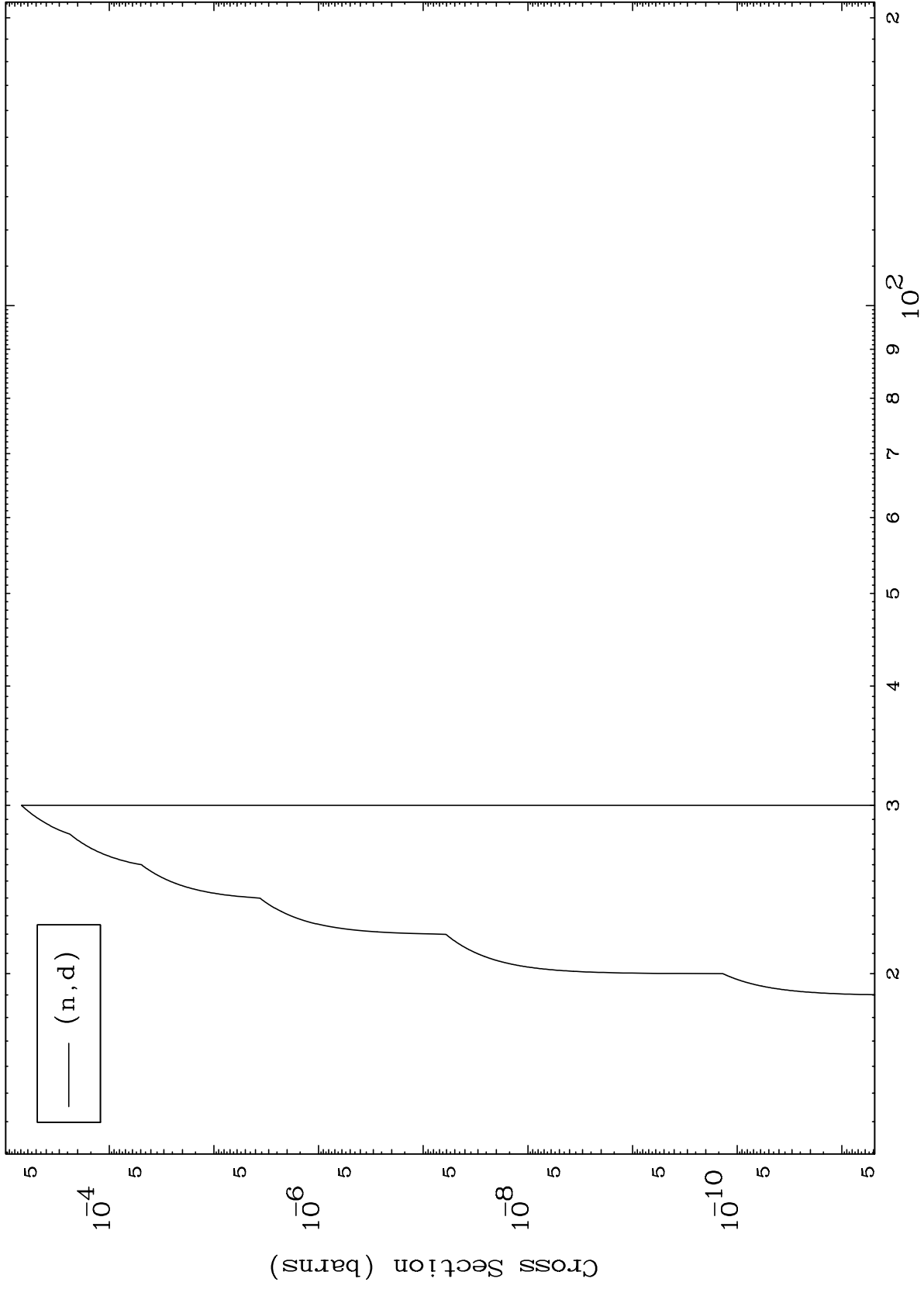
Incident Energy (MeV)

80-Hg-197

MAT 8028

(α, d) Levels
0 Kelvin Cross Sections

80-Hg-197



7

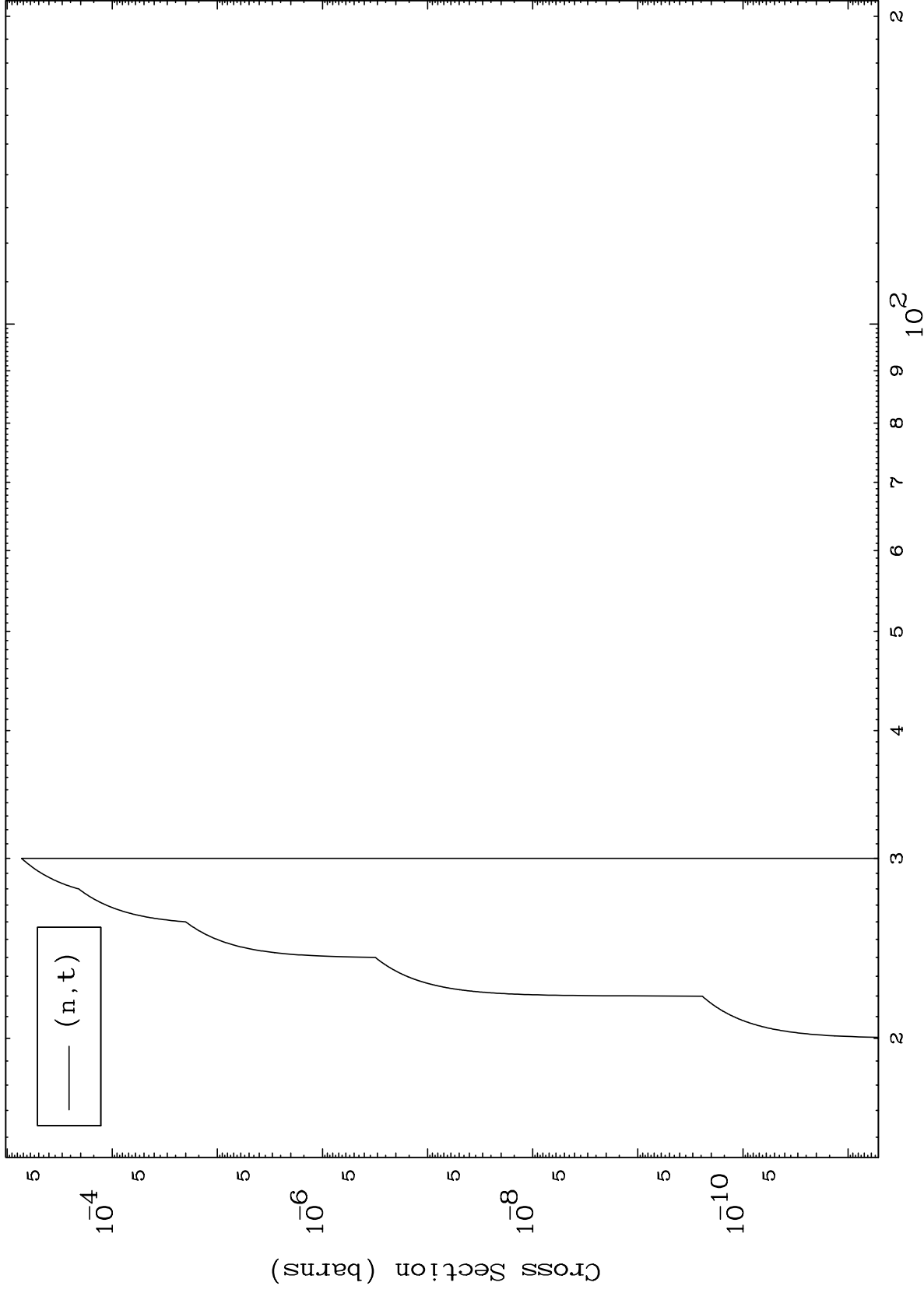
Incident Energy (MeV)

80-Hg-197

MAT 8028

(α, t) Levels
0 Kelvin Cross Sections

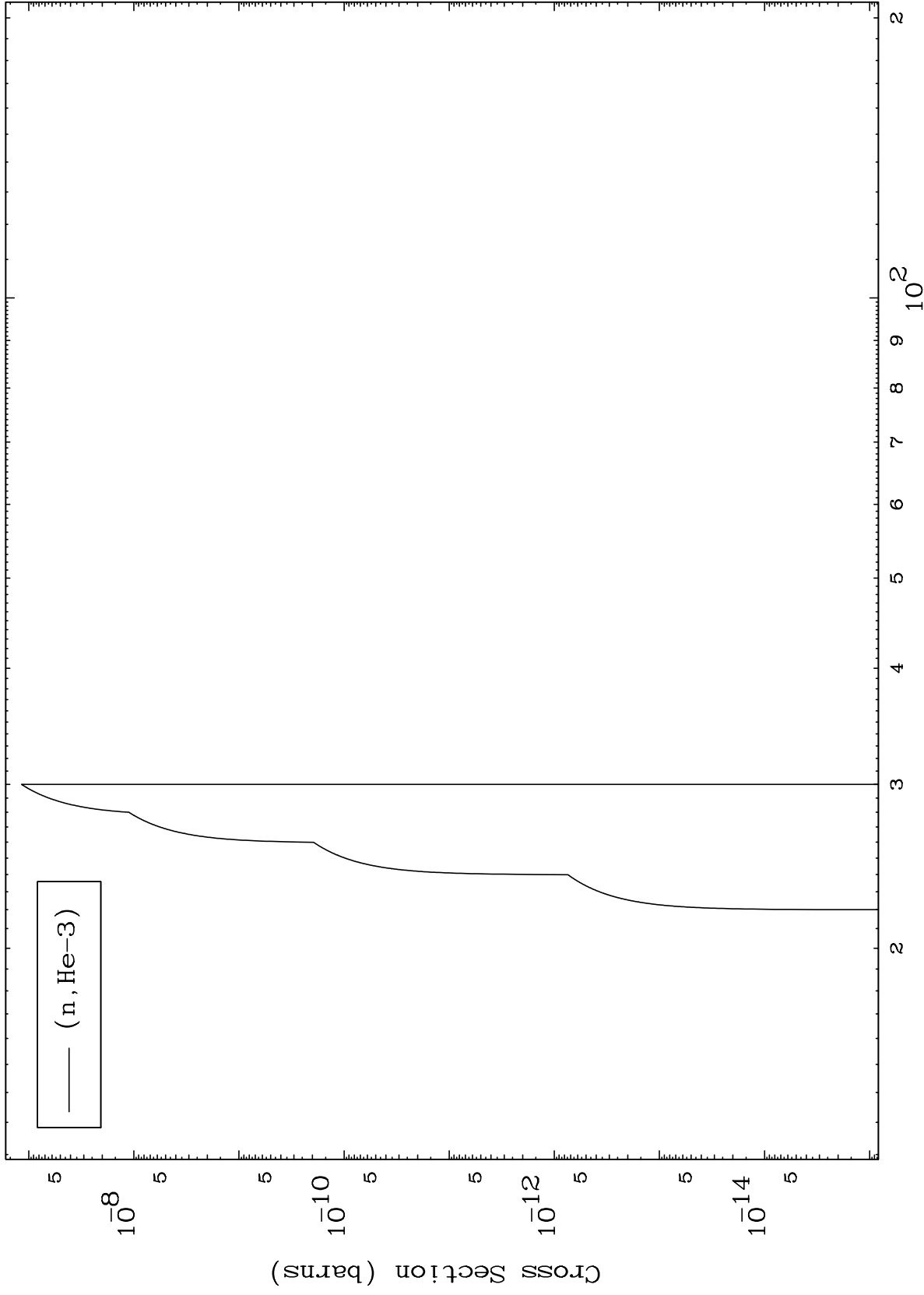
80-Hg-197



8

Incident Energy (MeV)

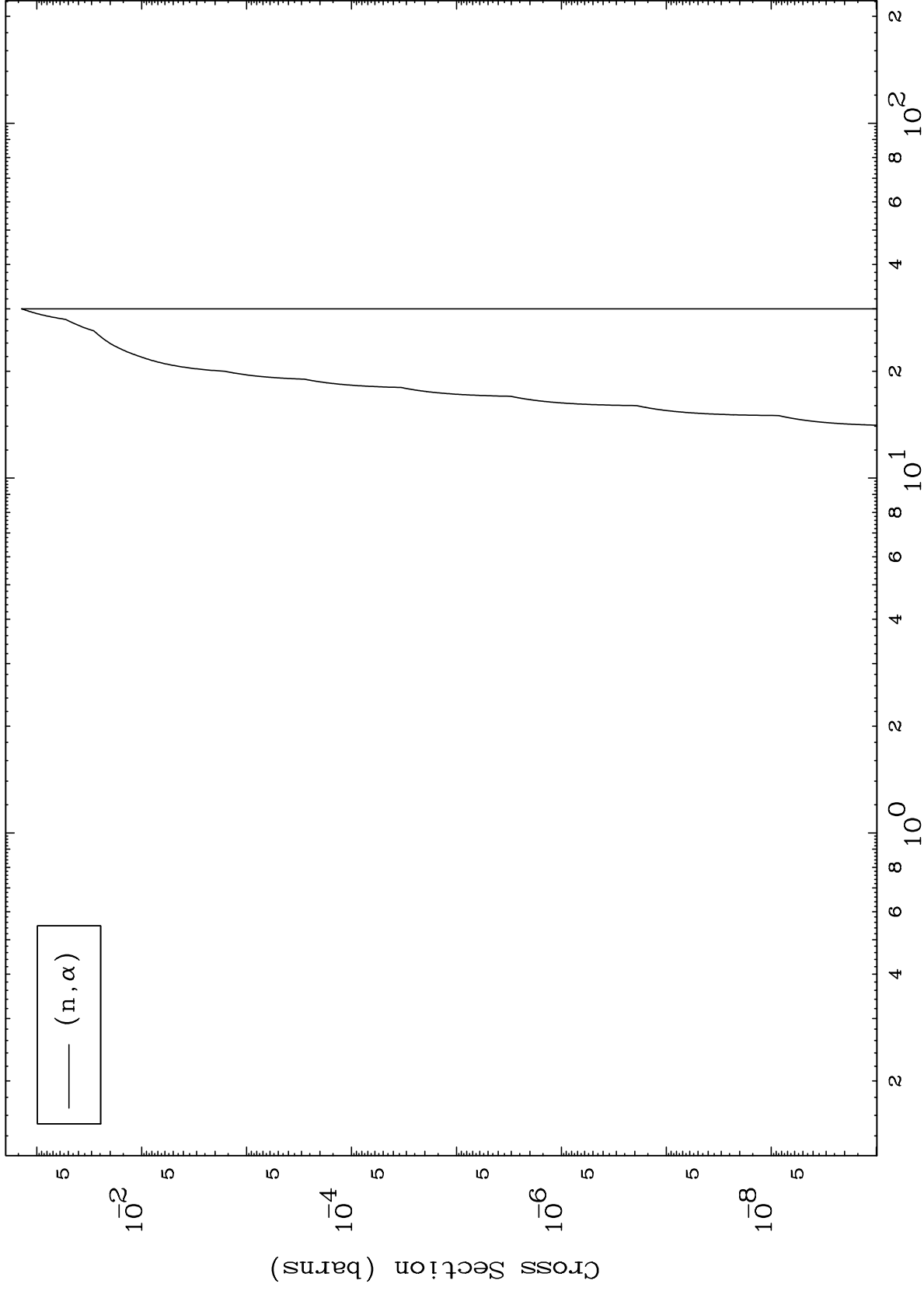
80-Hg-197



MAT 8028

0 Kelvin Cross Sections
(α, α) Levels

80-Hg-197



10

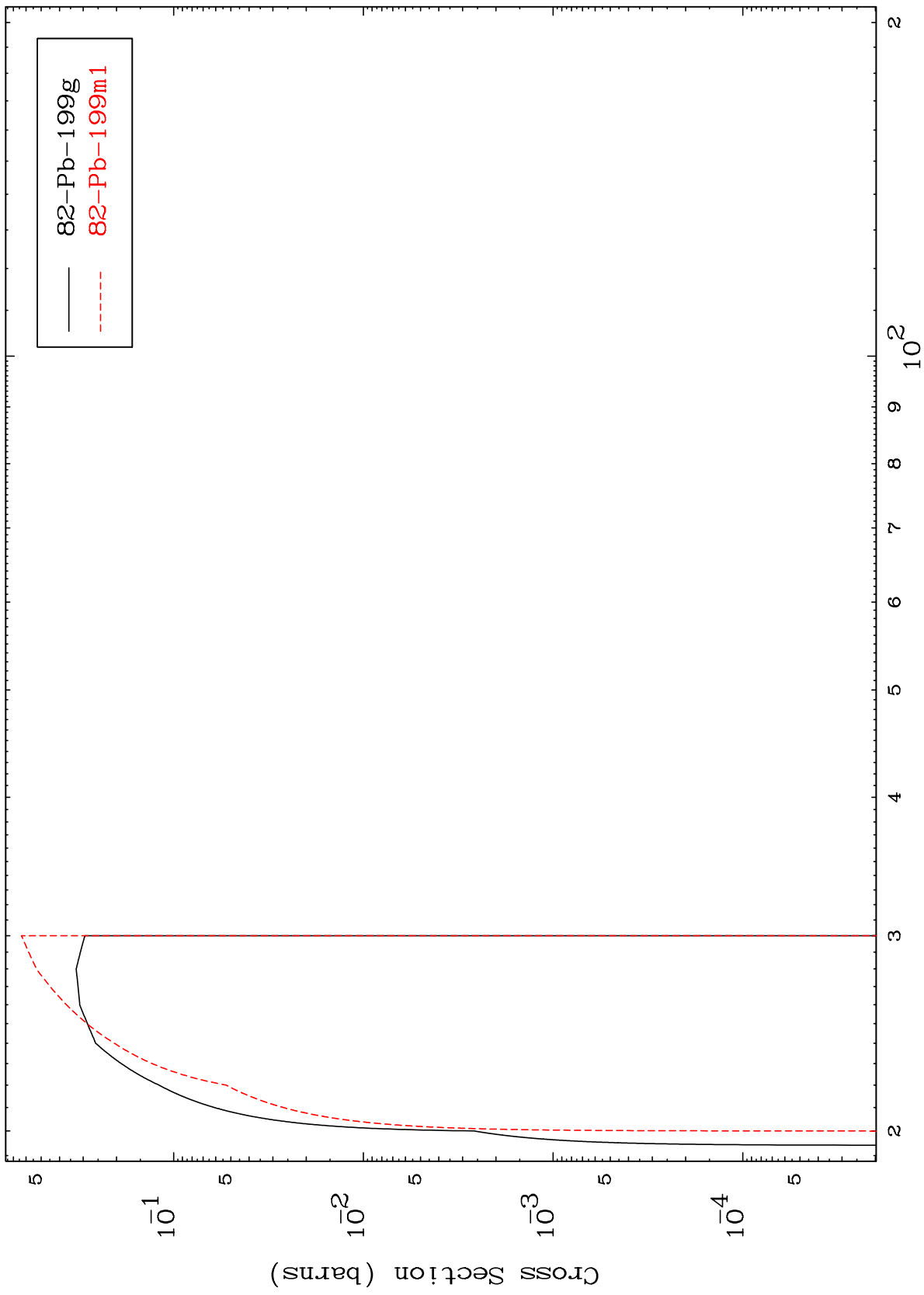
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

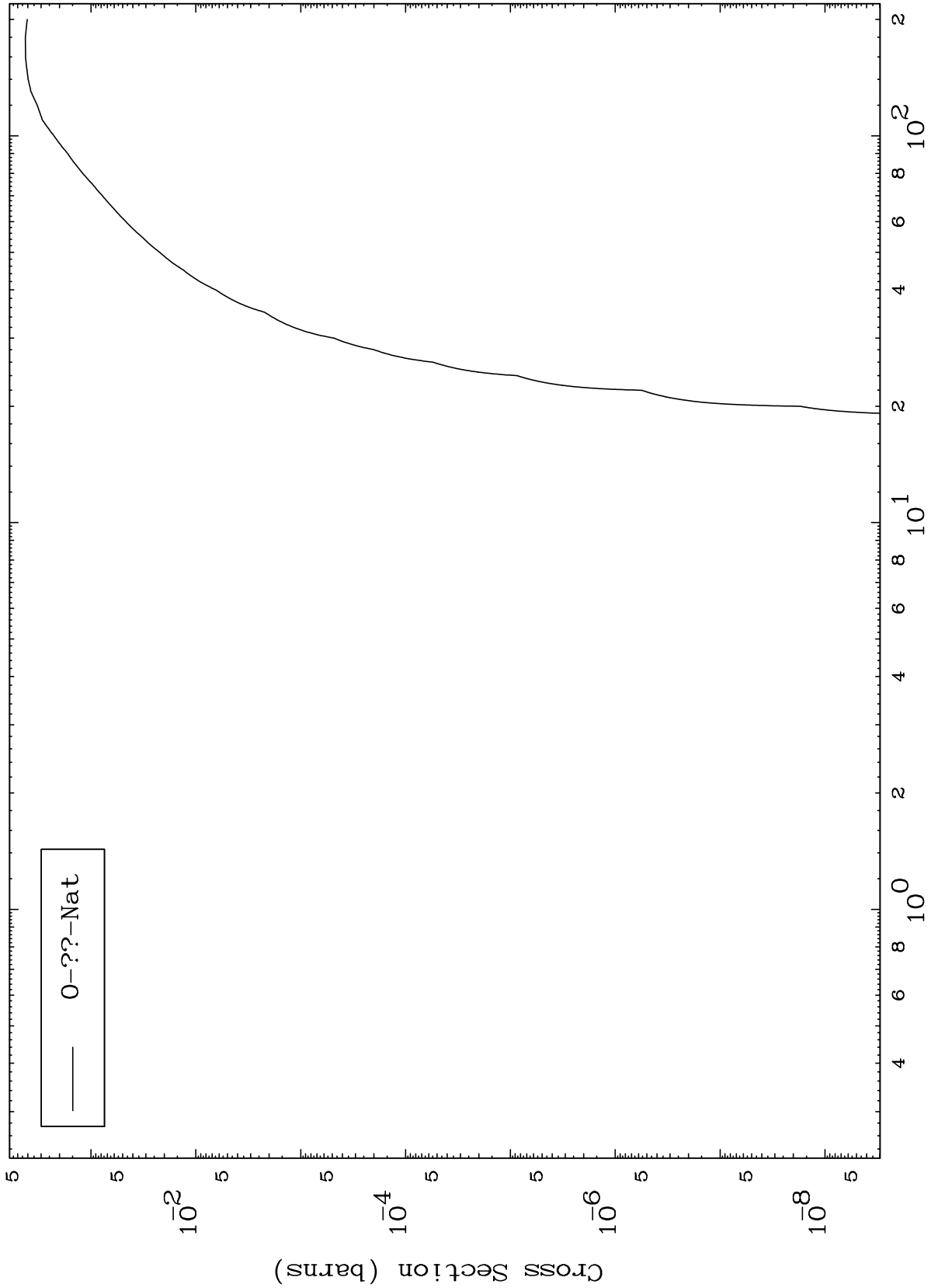
80-Hg-197

MAT 8028

Fission

80-Hg-197

Radionuclide Production Cross Section

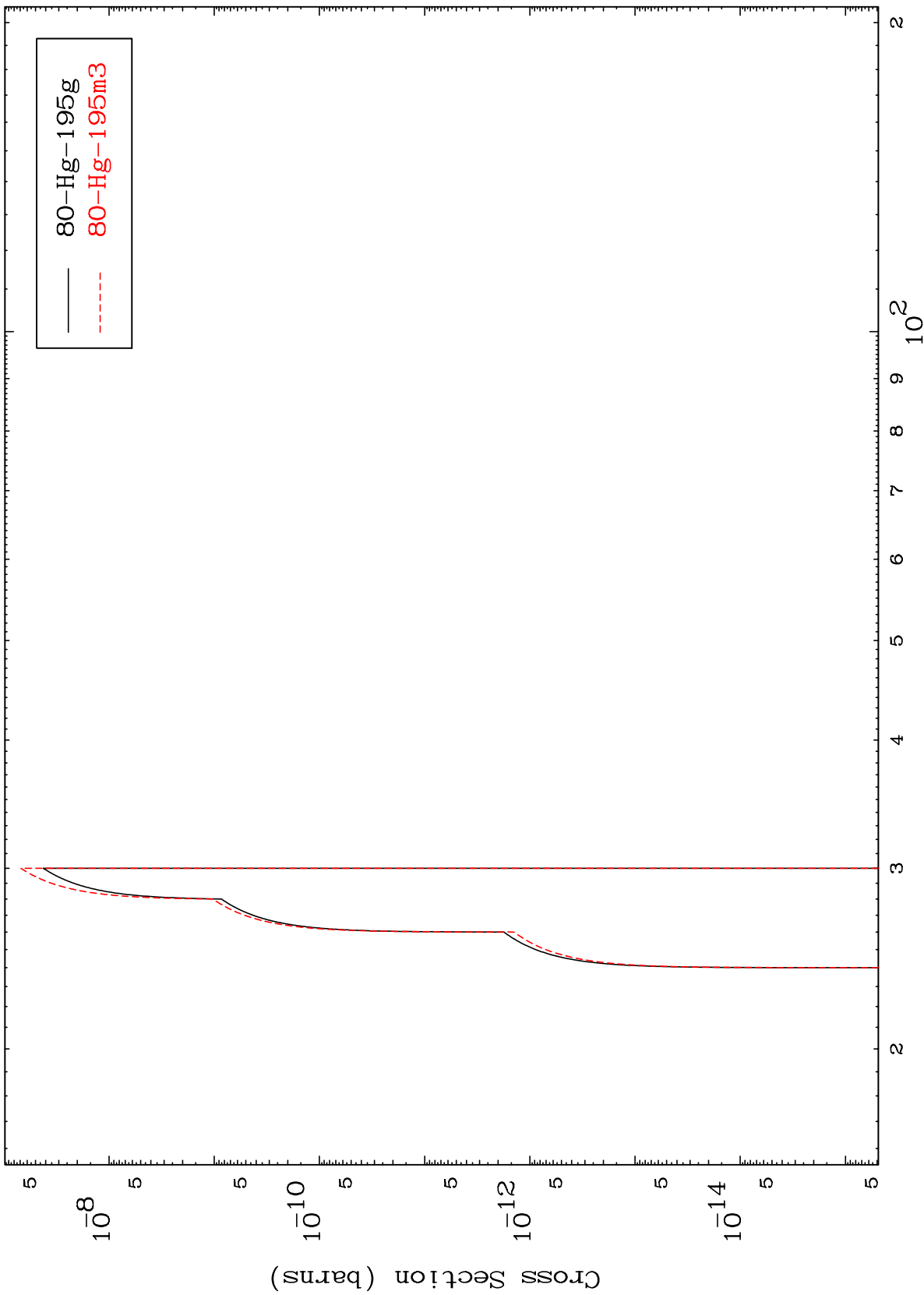


MAT 8028

(n,2n) α

80-Hg-197

Radionuclide Production Cross Section



13

Incident Energy (MeV)

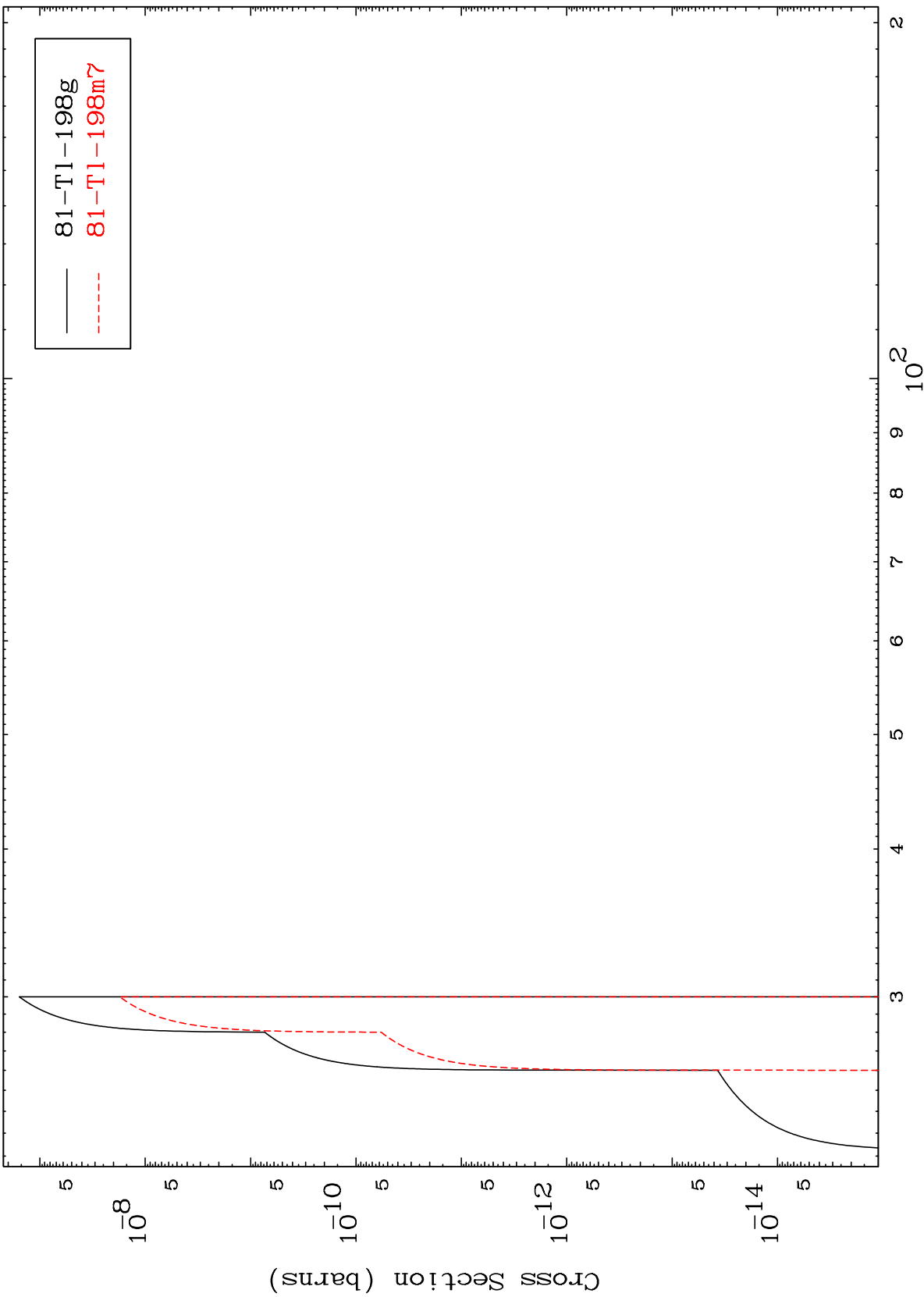
80-Hg-197

MAT 8028

(n,n') d

80-Hg-197

Radionuclide Production Cross Section



14

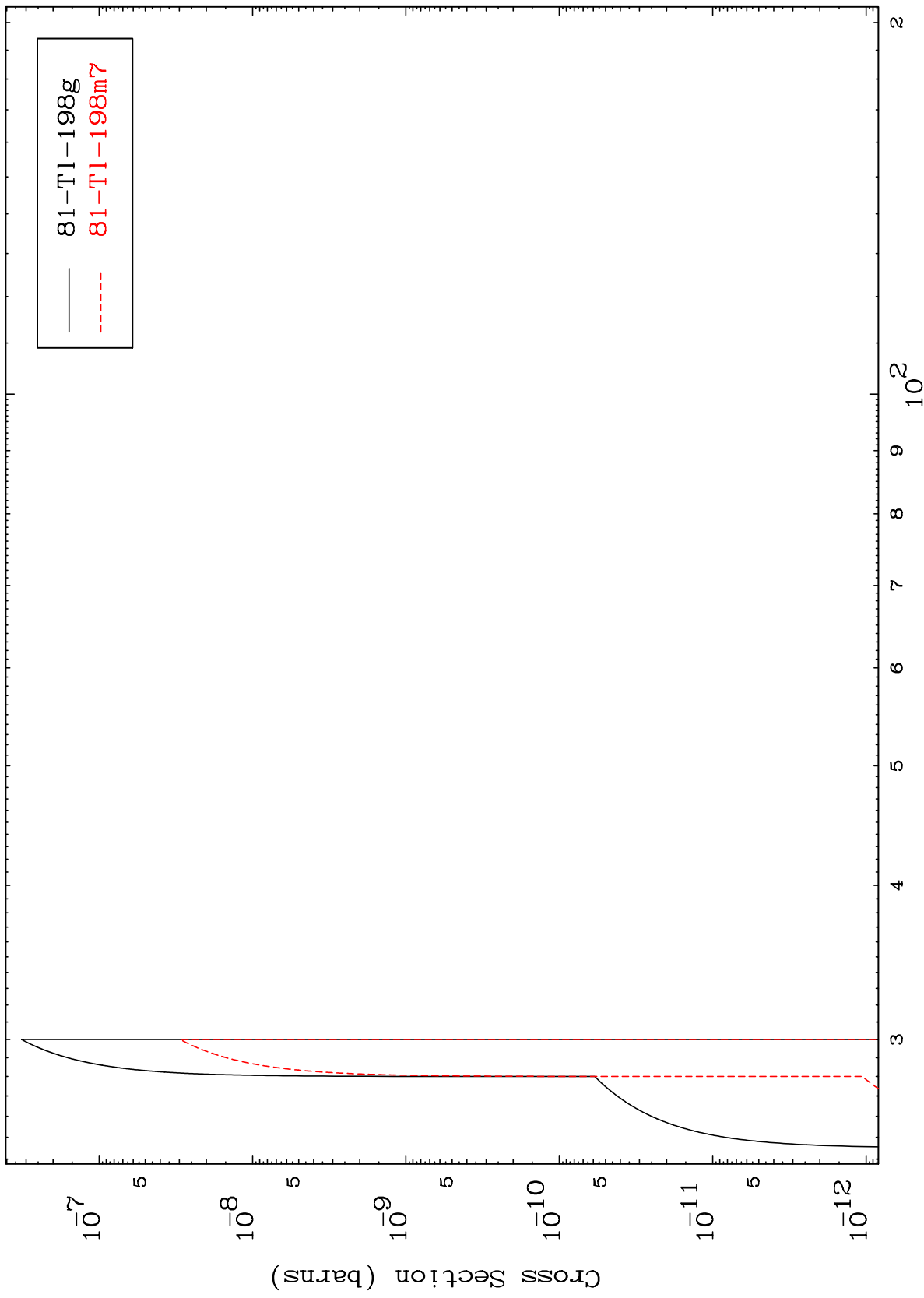
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

(n,2n) p
Radionuclide Production Cross Section



15

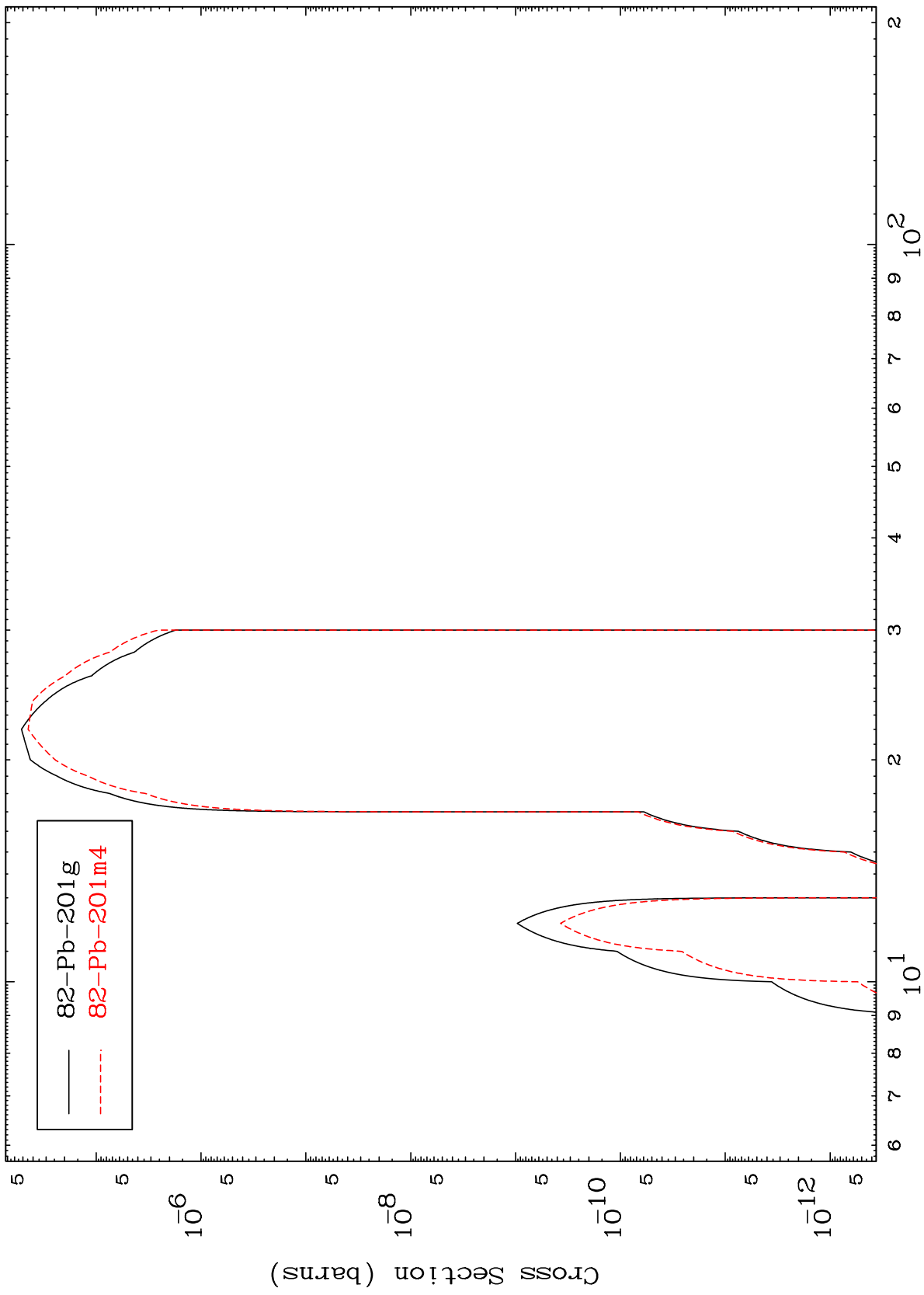
Incident Energy (MeV)

80-Hg-197

MAT 8028

80-Hg-197

(n, γ)
Radionuclide Production Cross Section



80-Hg-197

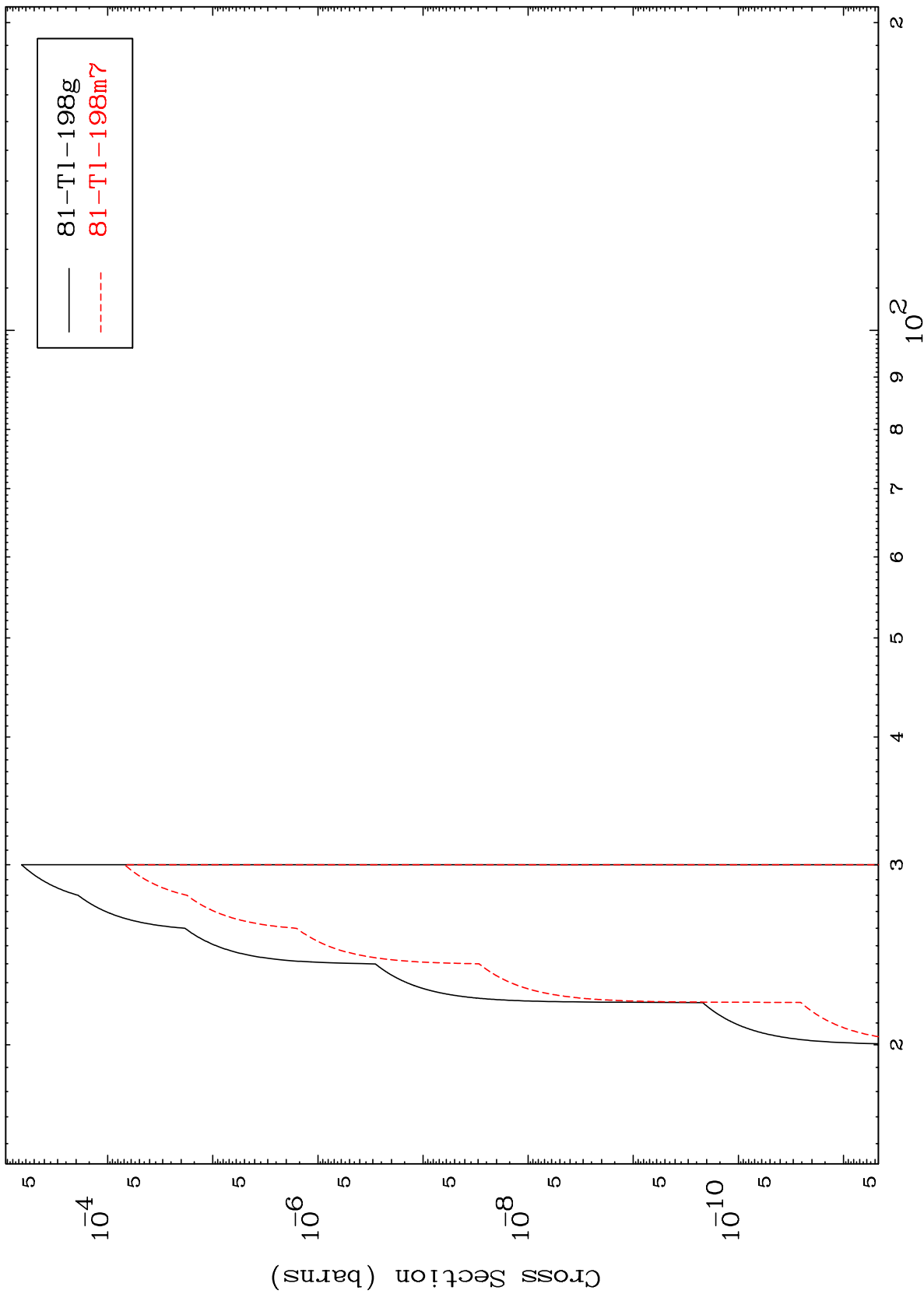
Incident Energy (MeV)

16

MAT 8028

80-Hg-197

(n,t)
Radionuclide Production Cross Section



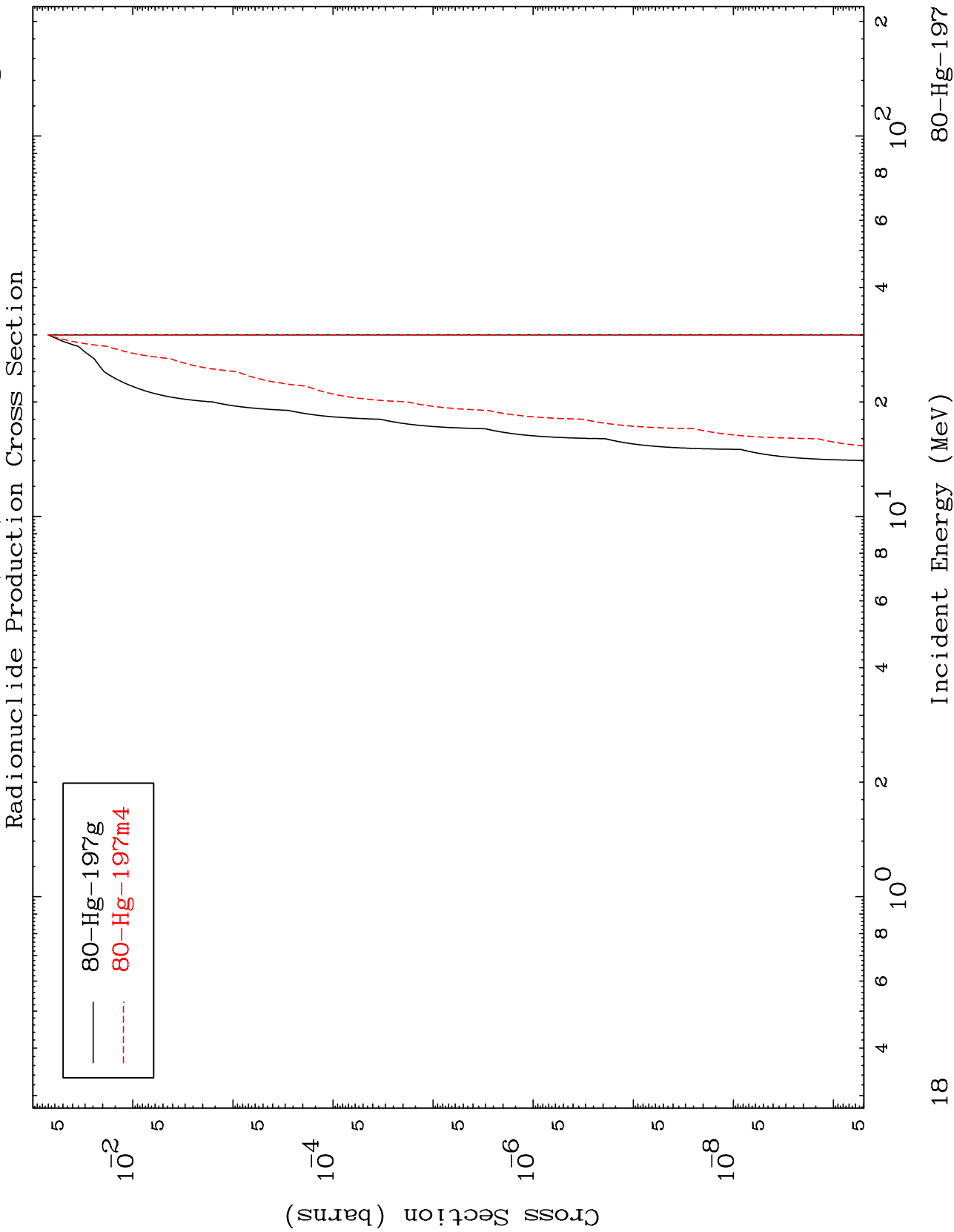
17

80-Hg-197

Incident Energy (MeV)

MAT 8028

80-Hg-197

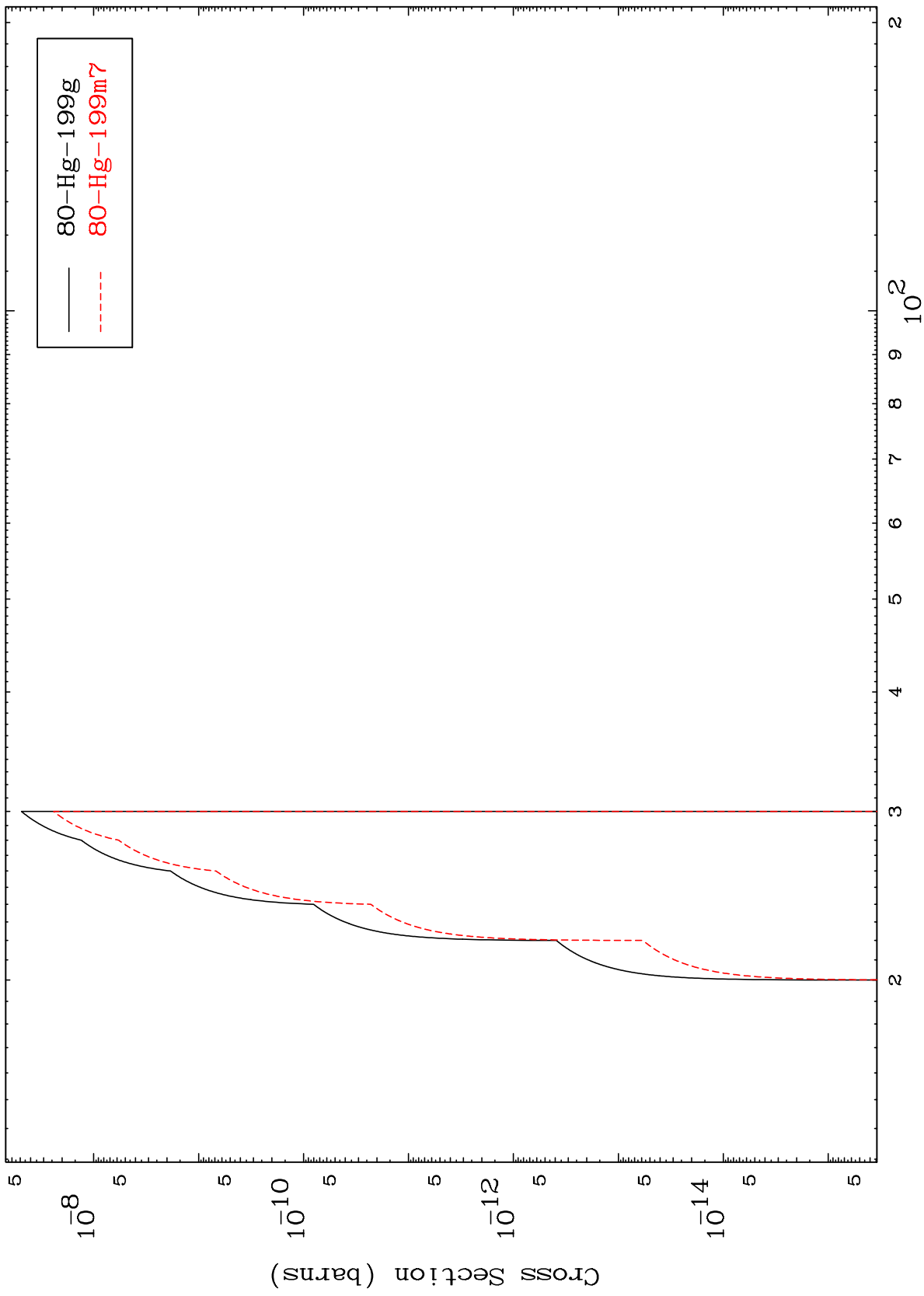


18

MAT 8028

80-Hg-197

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

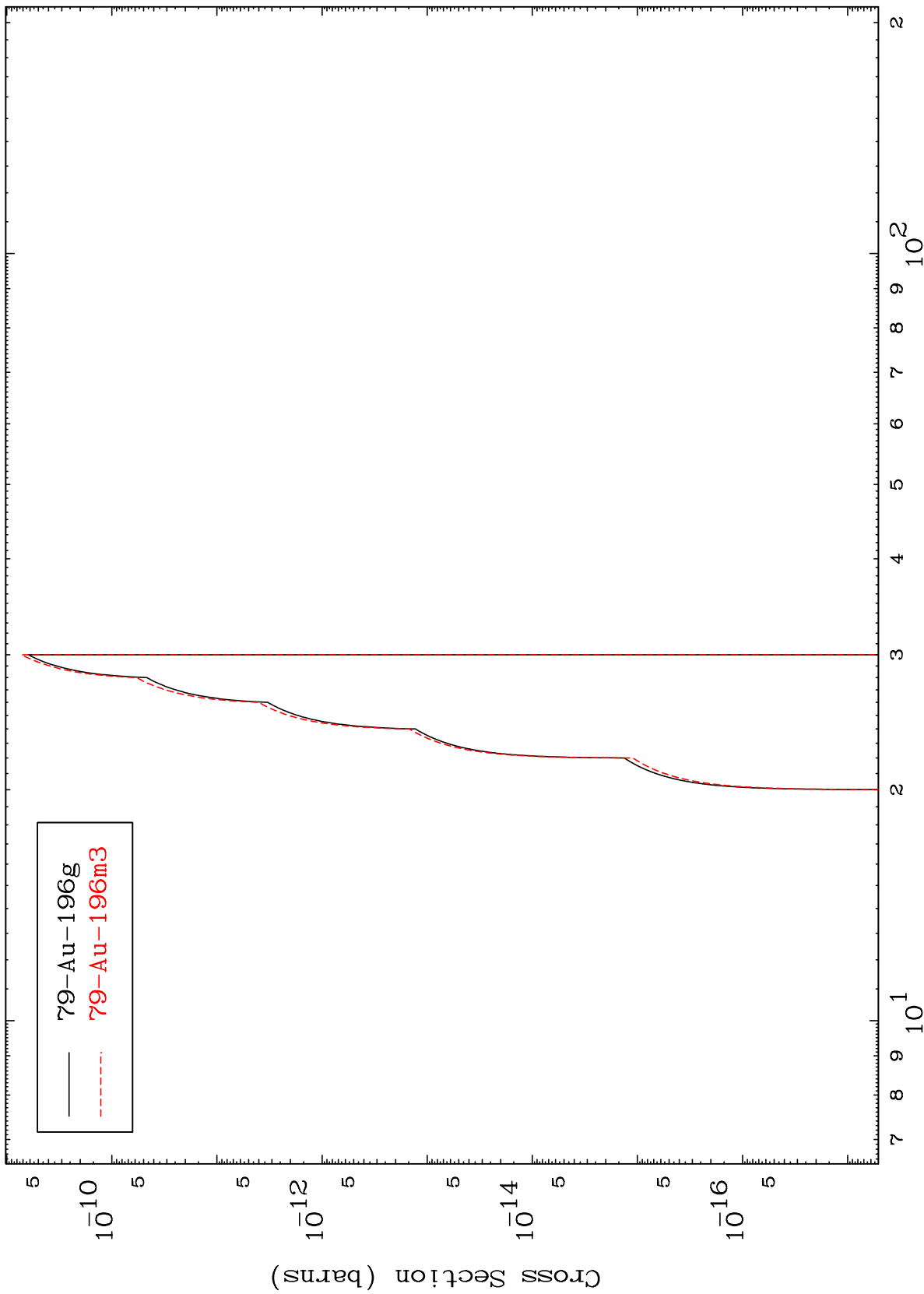
80-Hg-197

MAT 8028

(n,p) α

80-Hg-197

Radionuclide Production Cross Section



79-Au-196g
79-Au-196m3

20

Incident Energy (MeV)

80-Hg-197