

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

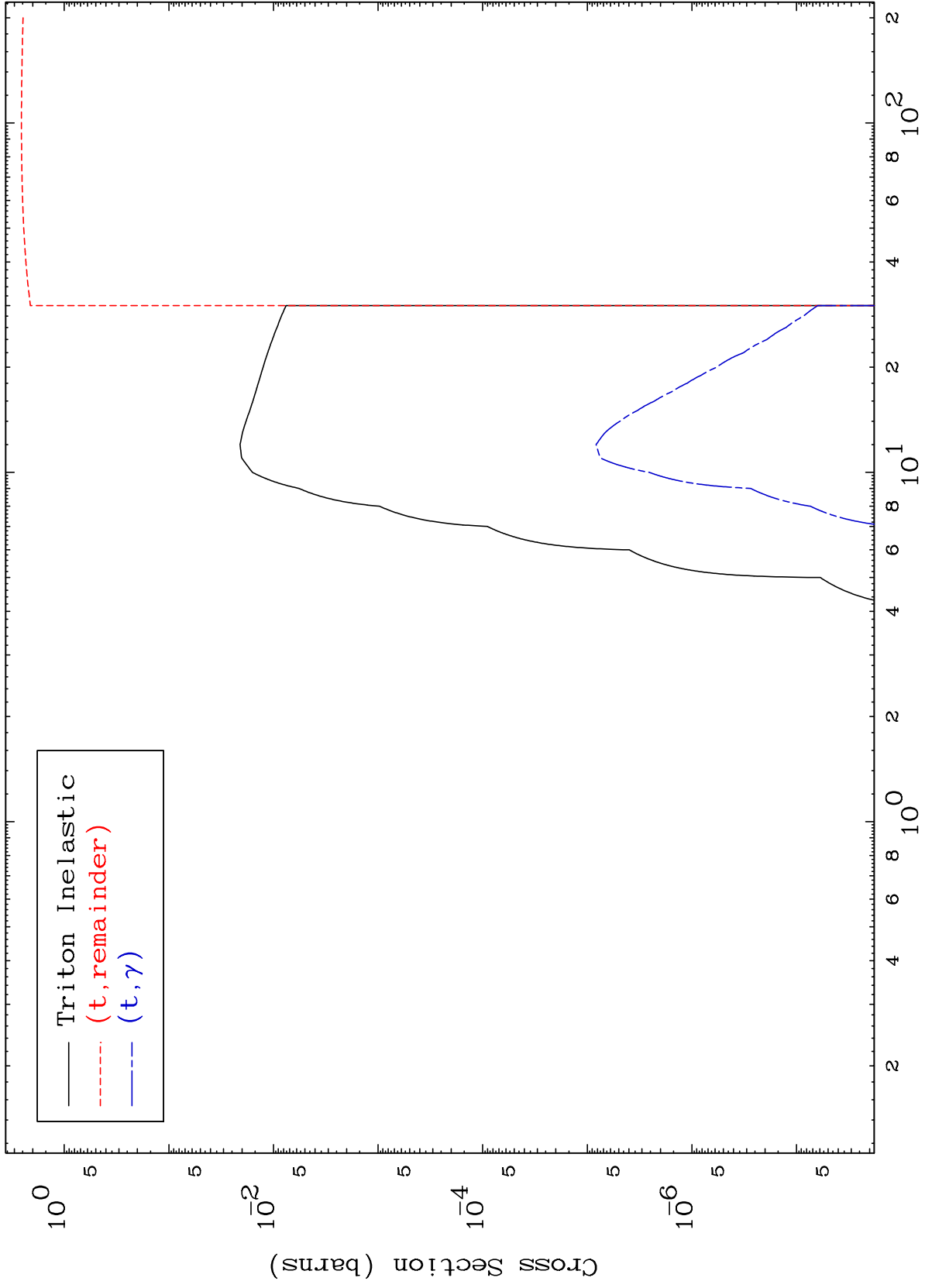
Web:redcullen1.net/HOMEPAGE.NEW

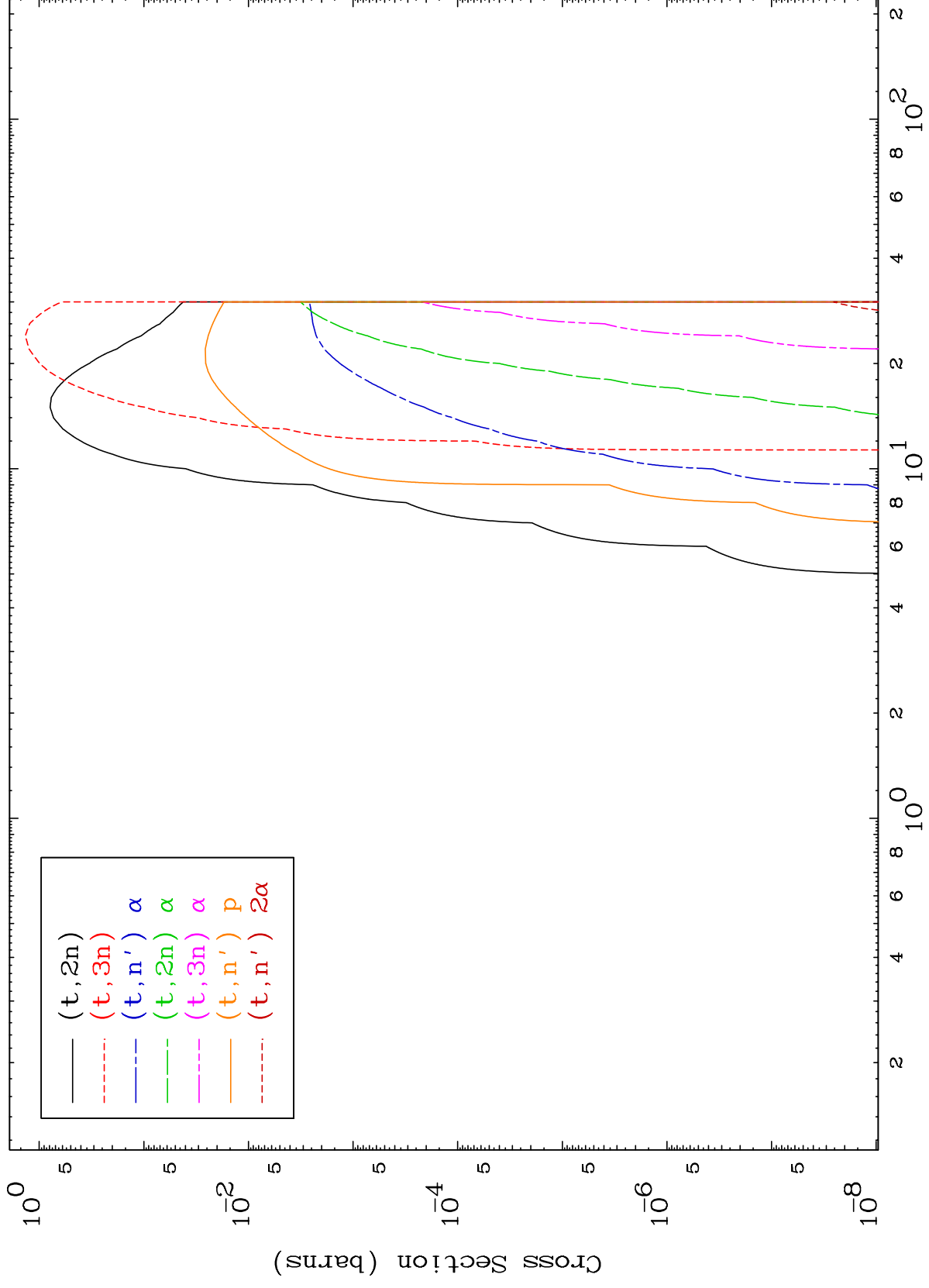
Press Mouse Button to Start

MAT 8029

Triton Major
0 Kelvin Cross Sections

80-Hg-197

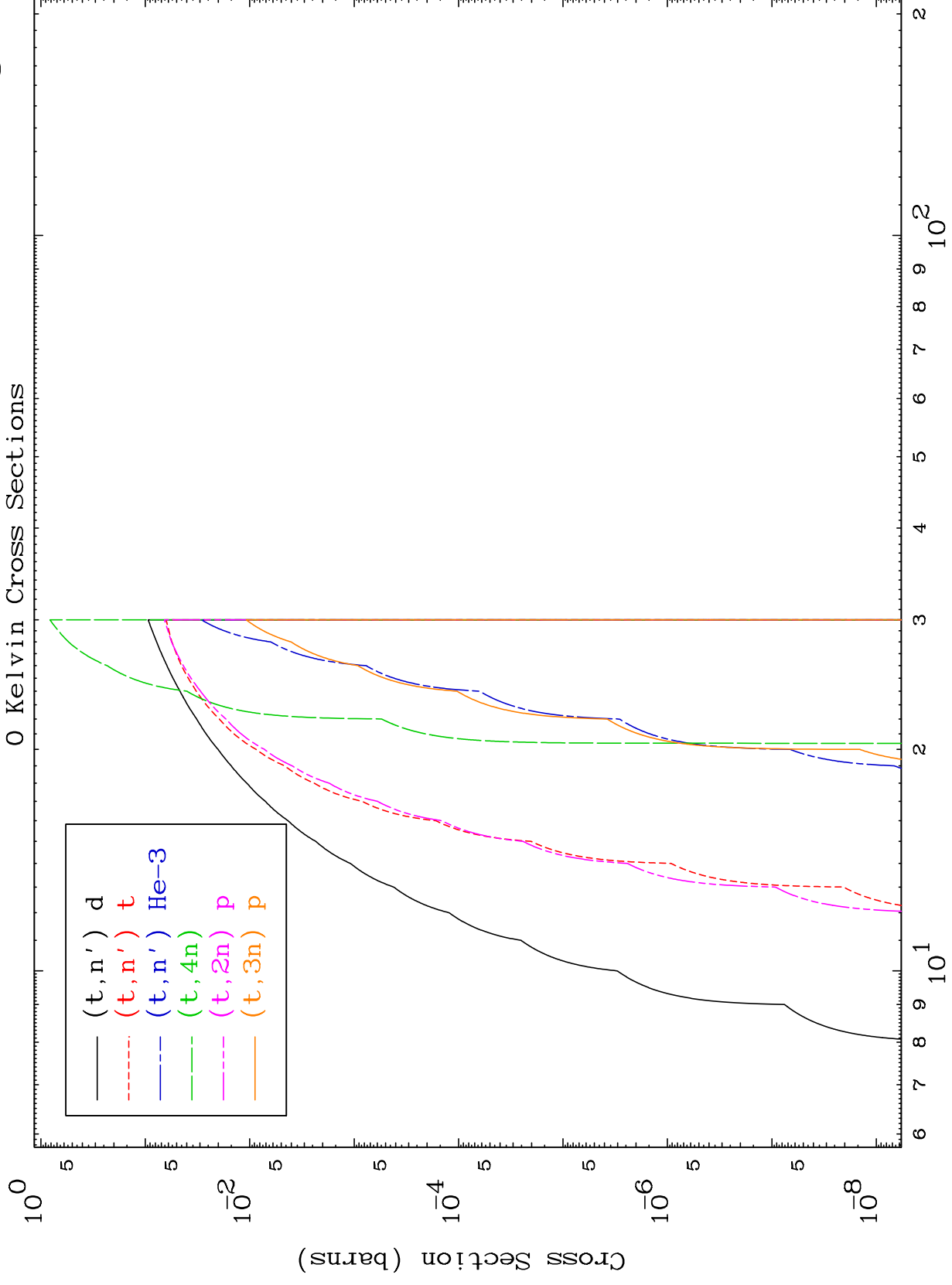




MAT 8029

Triton Neutron Production
0 Kelvin Cross Sections

80-Hg-197



3

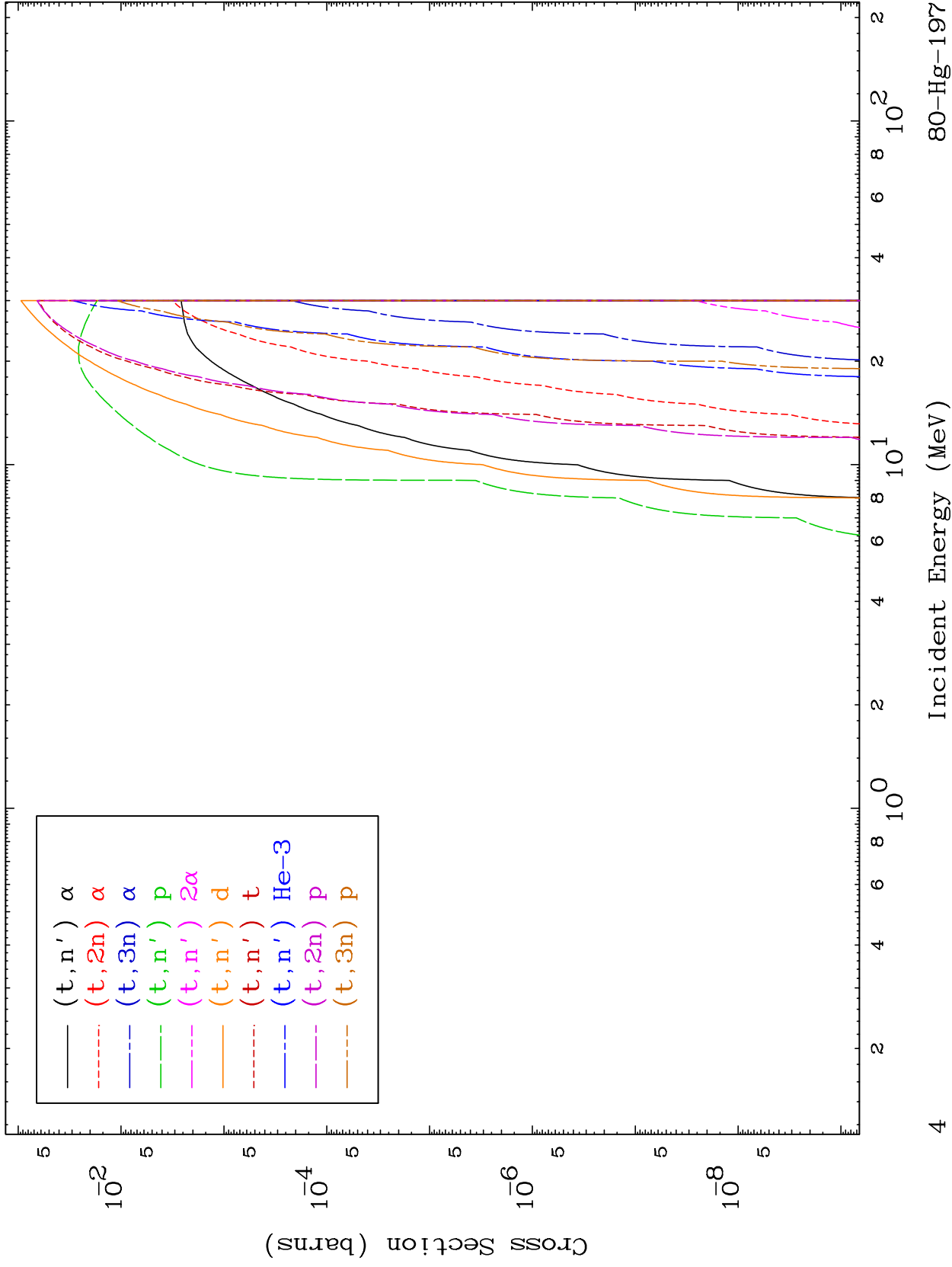
Incident Energy (MeV)

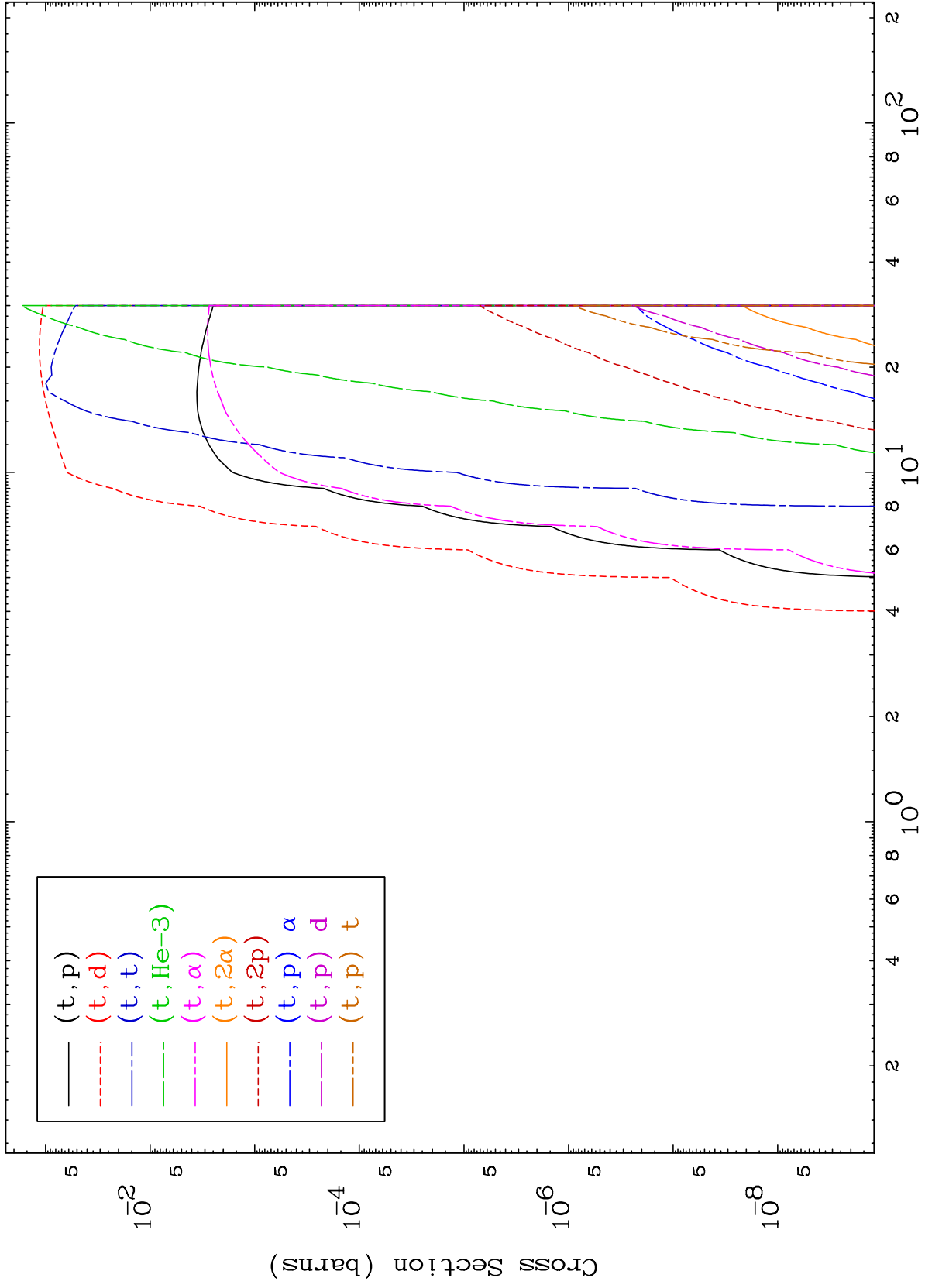
80-Hg-197

MAT 8029

Triton Charged Particle
0 Kelvin Cross Sections

80-Hg-197



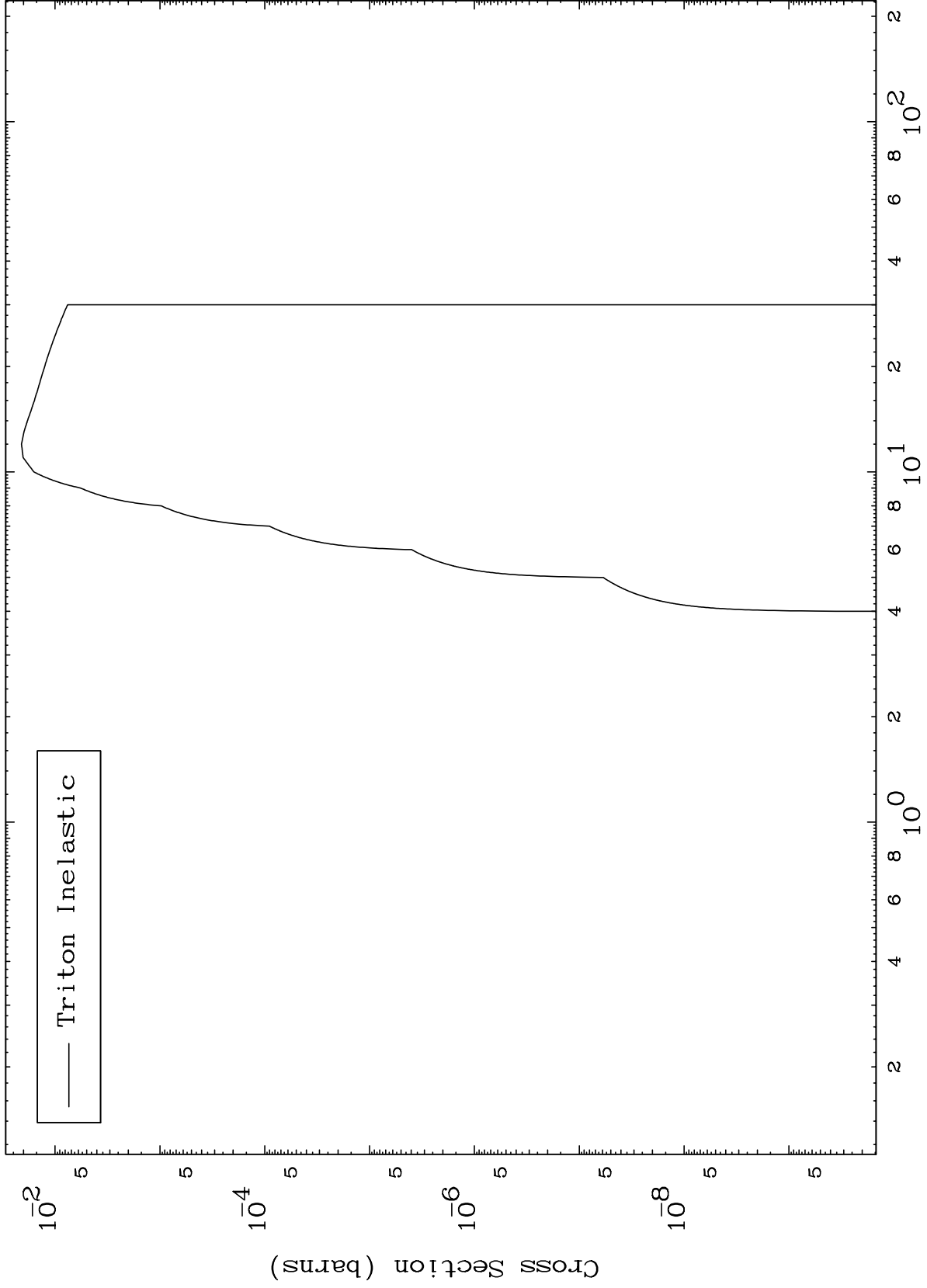


MAT 8029

(t, n') Level

80-Hg-197

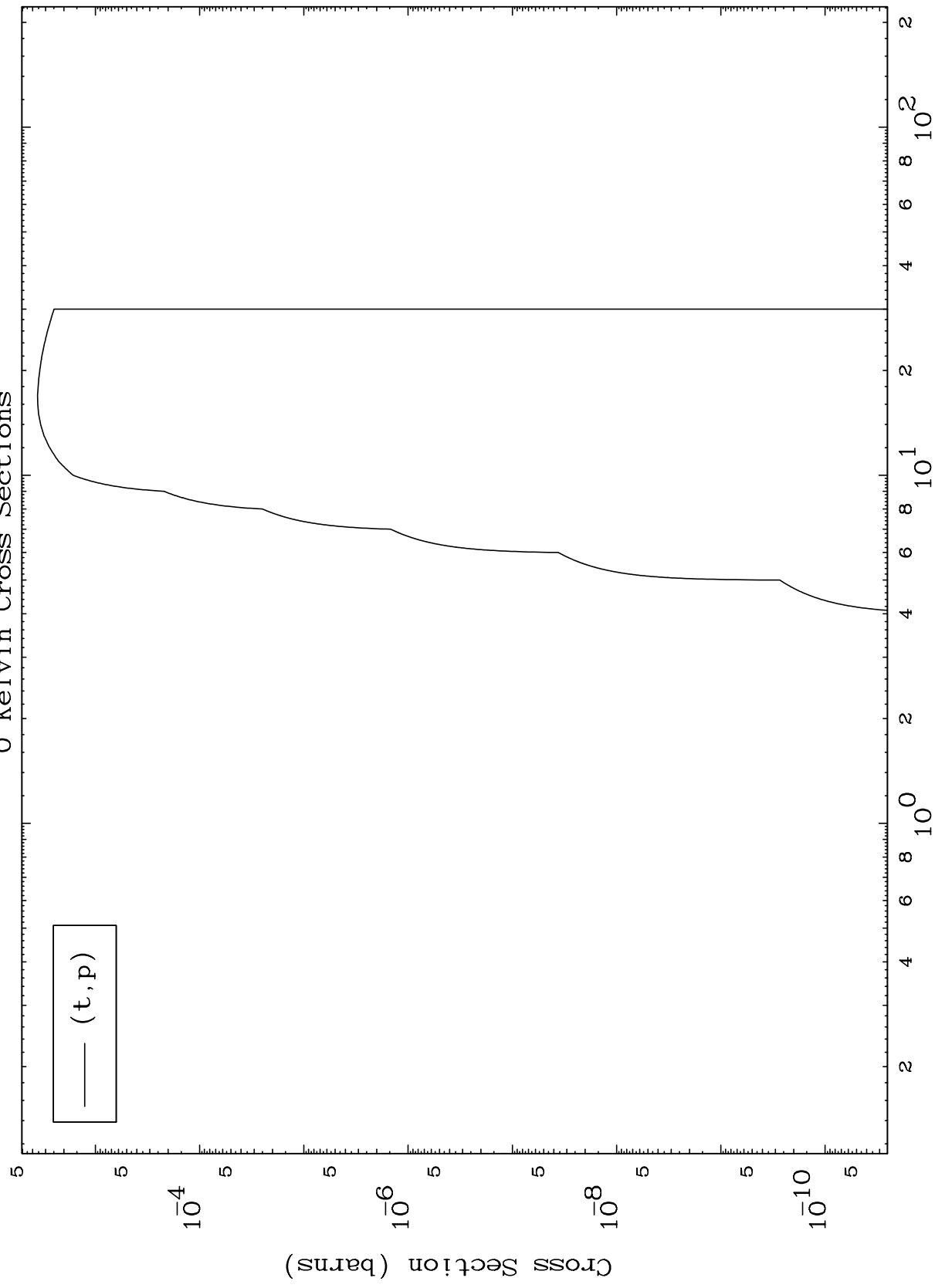
0 Kelvin Cross Sections



MAT 8029

80-Hg-197

(t,p) Levels
0 Kelvin Cross Sections



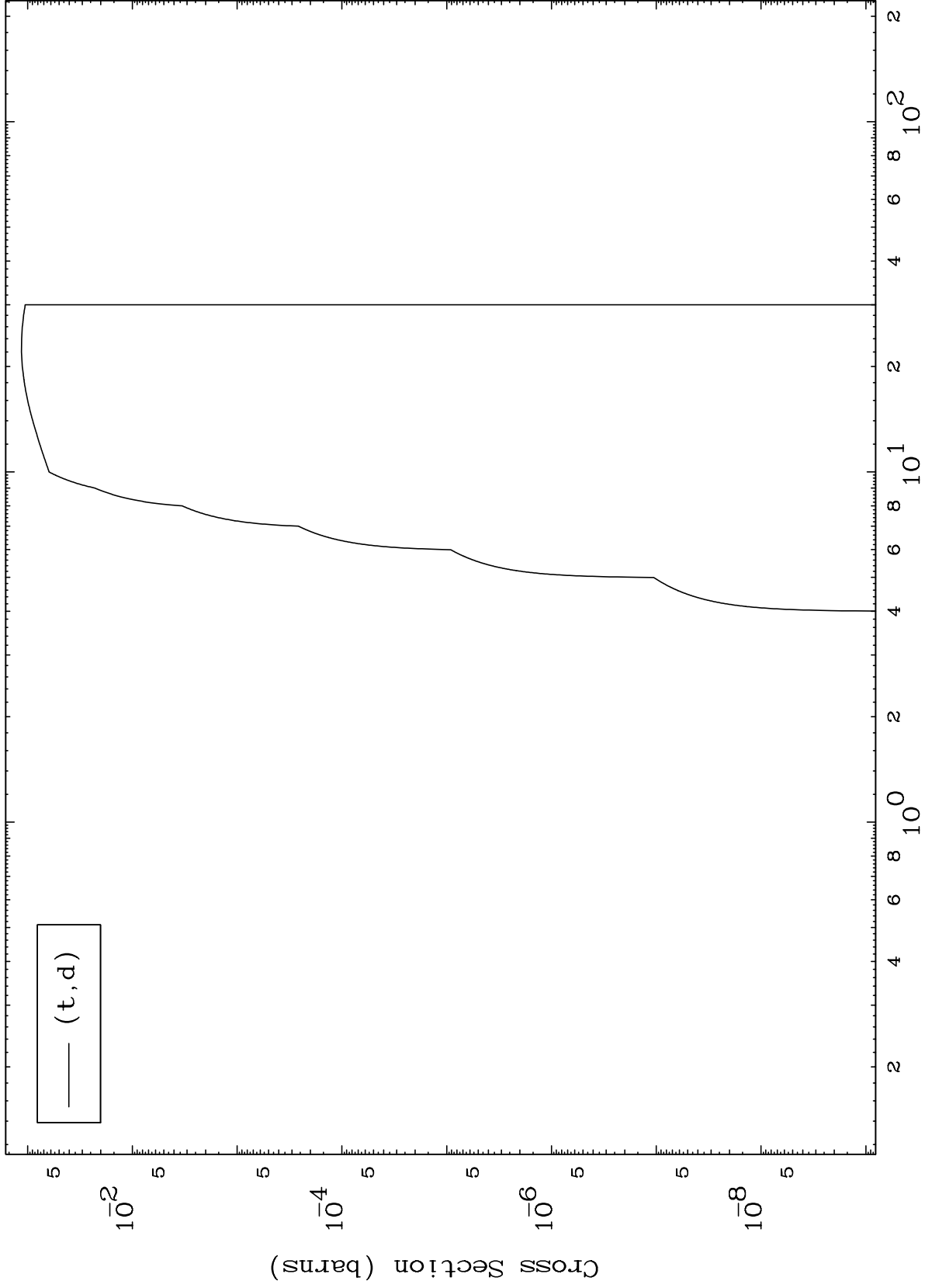
80-Hg-197

Incident Energy (MeV)

MAT 8029

(t,d) Levels
0 Kelvin Cross Sections

80-Hg-197

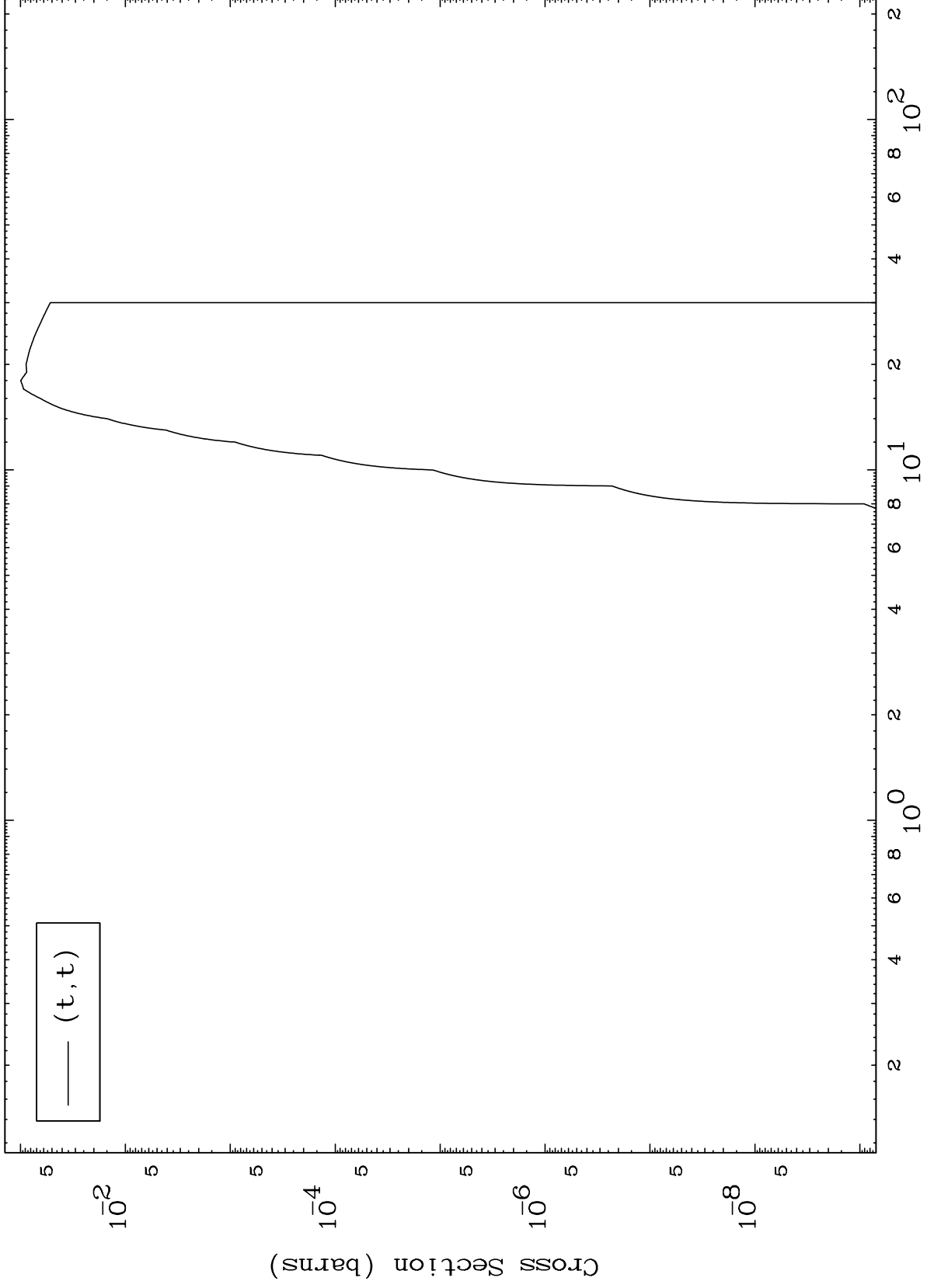


MAT 8029

(t, t) Levels

80-Hg-197

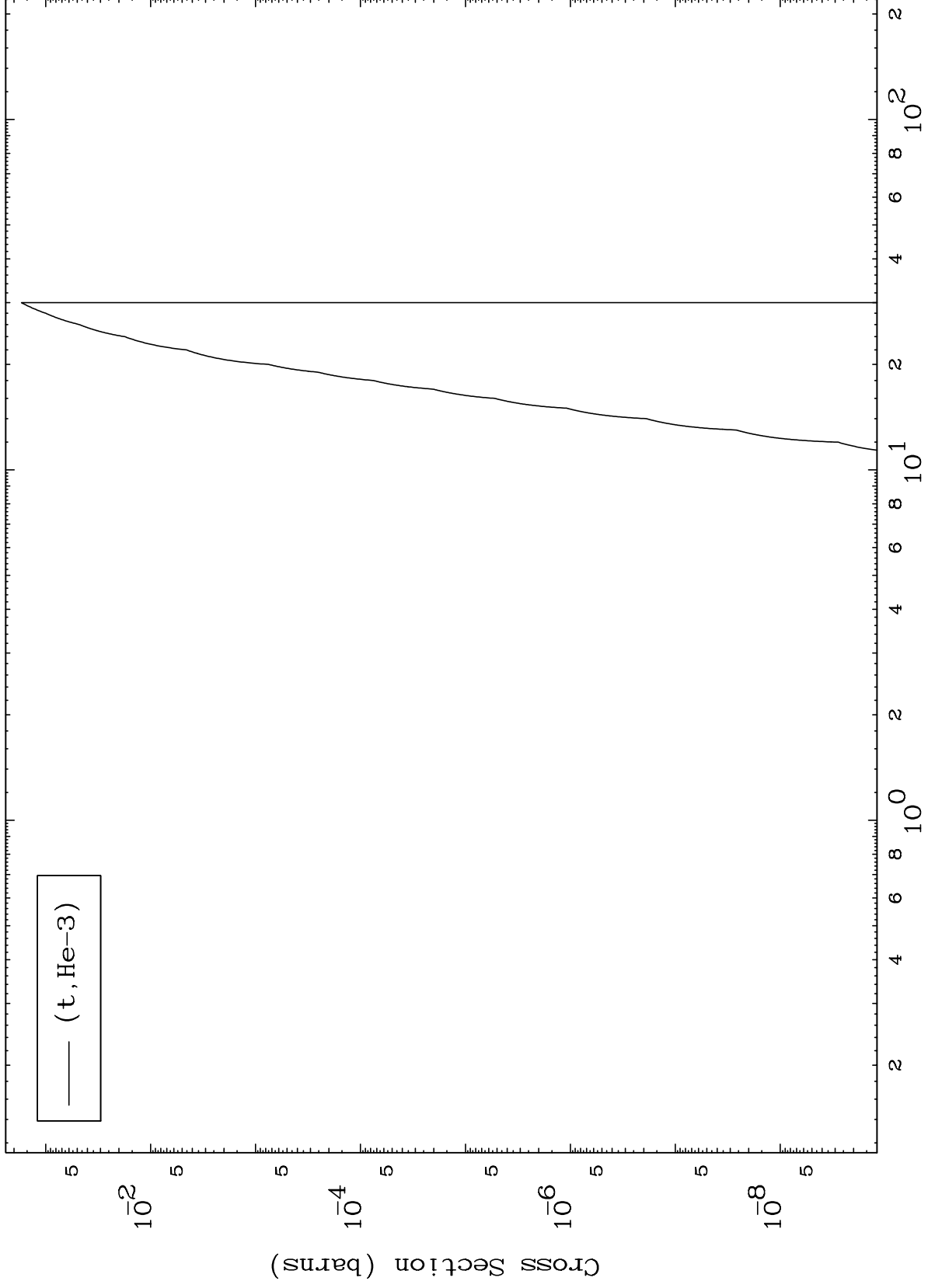
0 Kelvin Cross Sections



MAT 8029

(t,He3) Levels
0 Kelvin Cross Sections

80-Hg-197



10

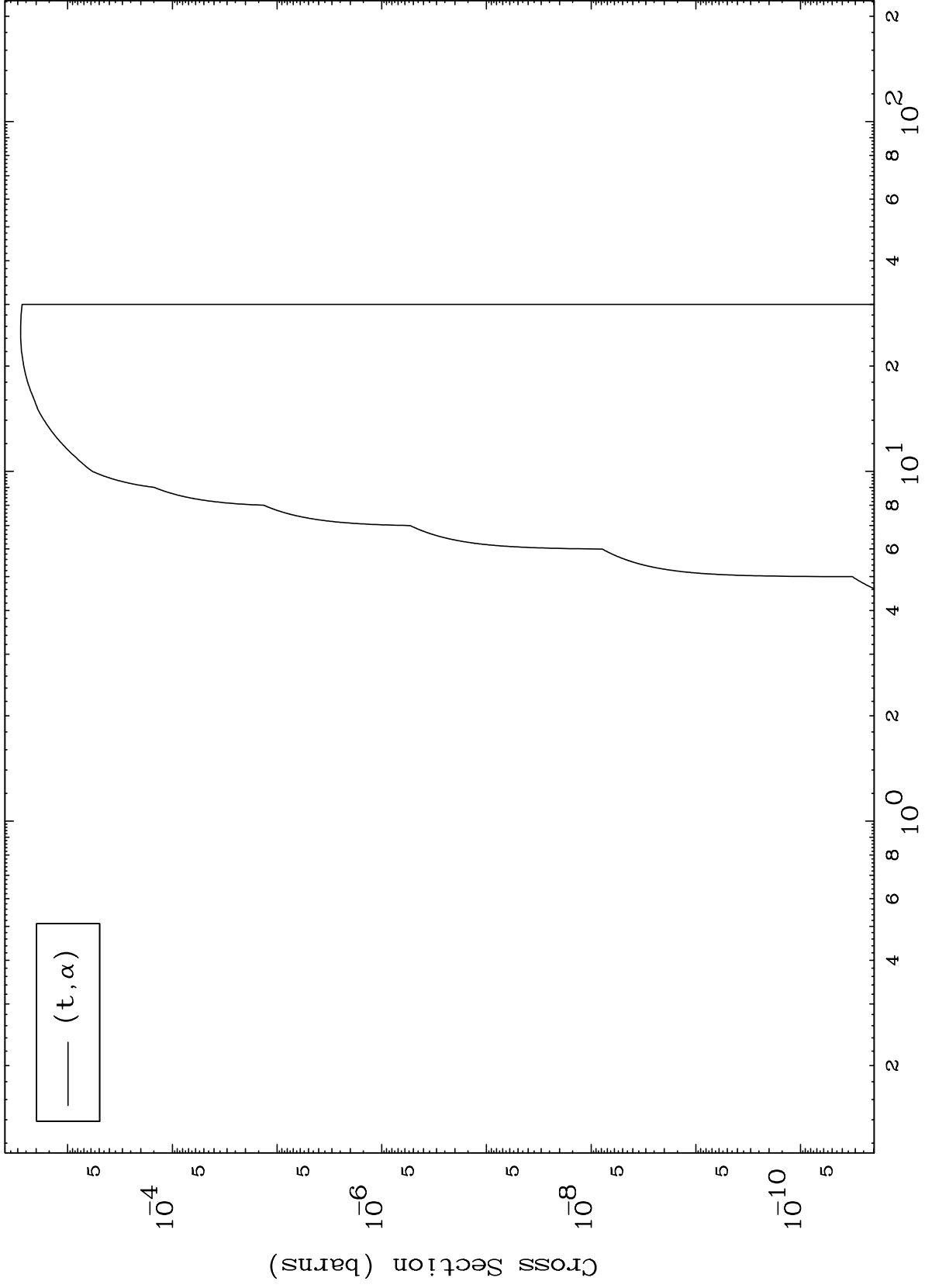
Incident Energy (MeV)

80-Hg-197

MAT 8029

(t, α) Levels
0 Kelvin Cross Sections

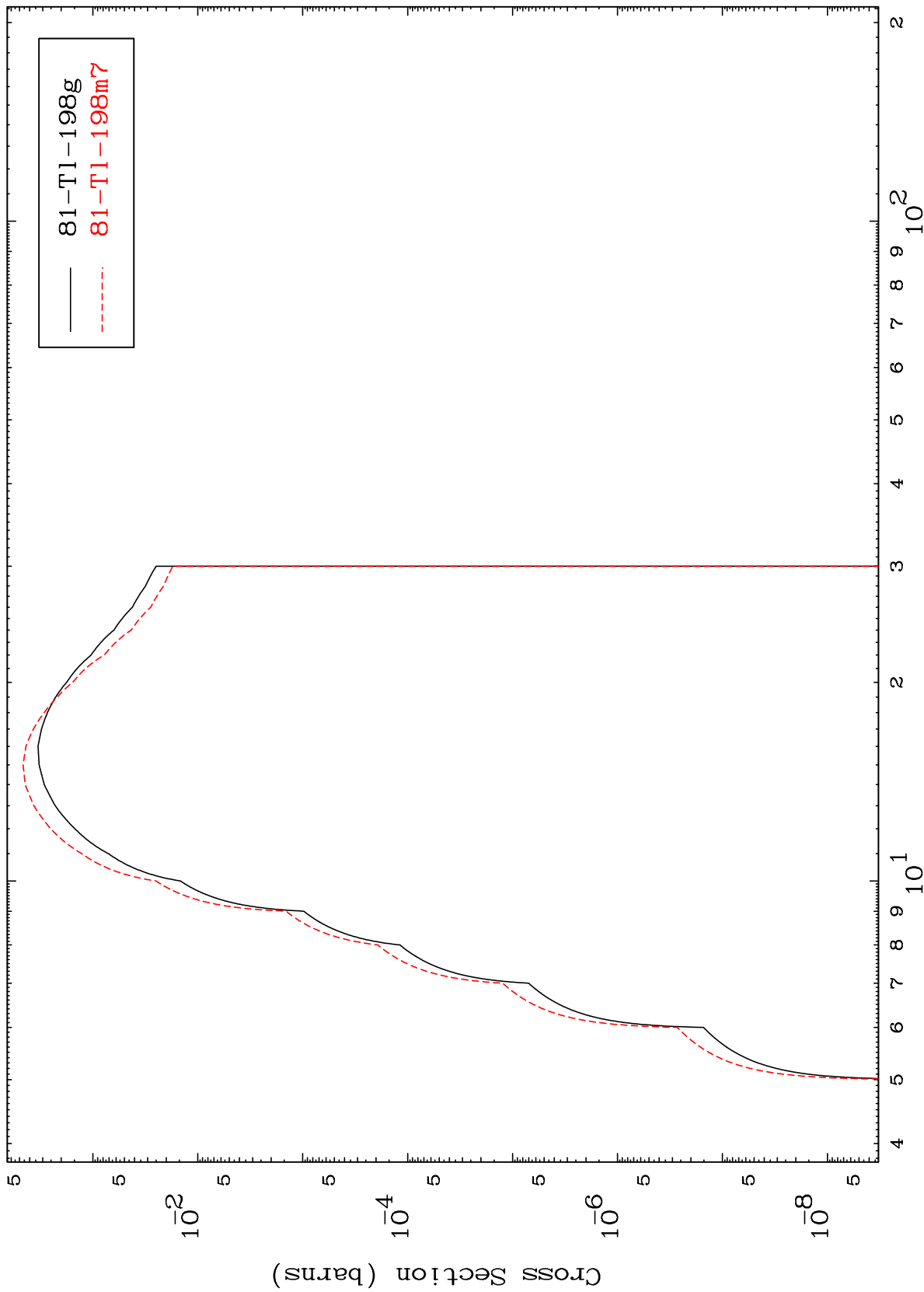
80-Hg-197



MAT 8029

80-Hg-197

Radionuclide Production Cross Section



80-Hg-197

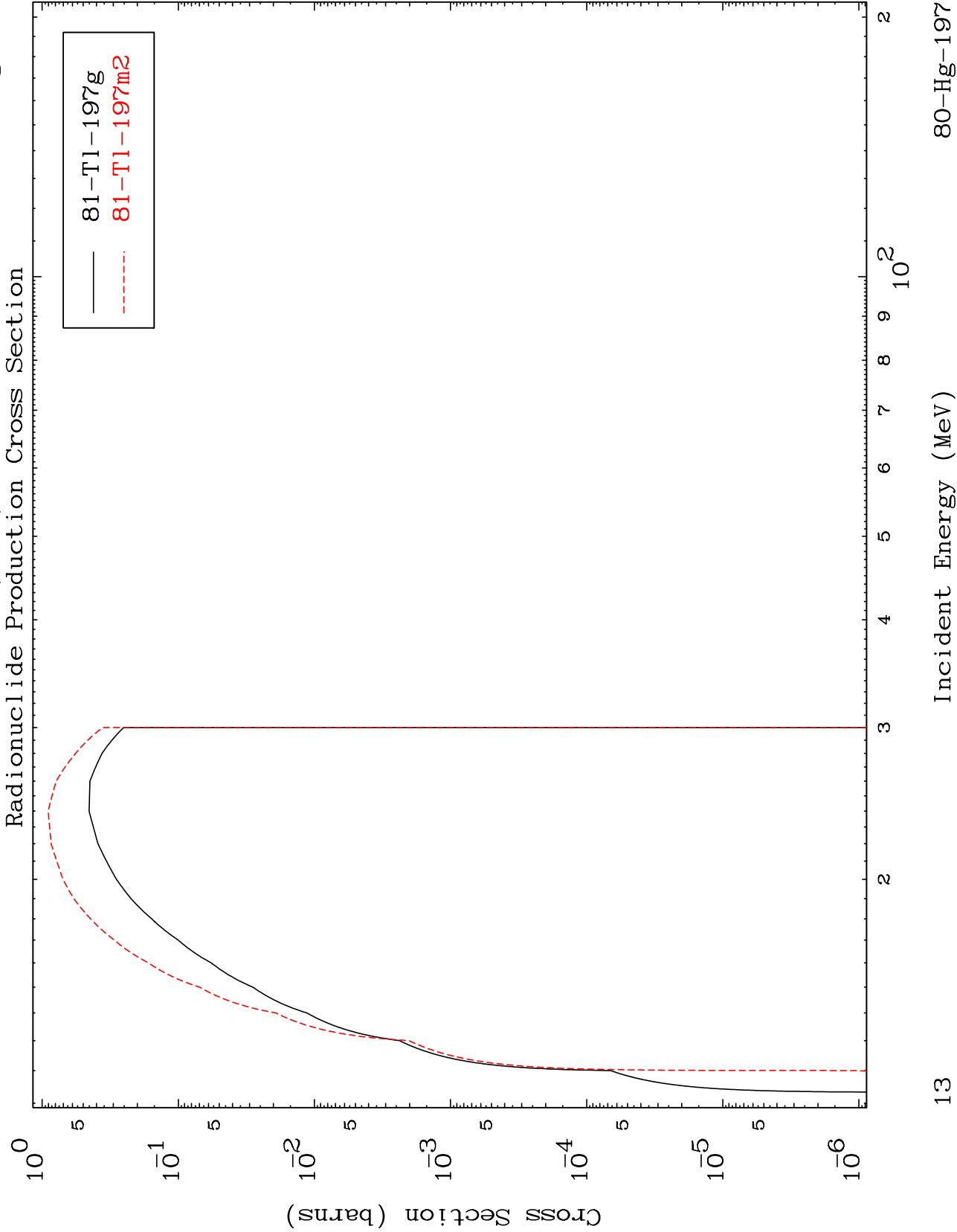
Incident Energy (MeV)

12

MAT 8029

(t,3n)

80-Hg-197



13

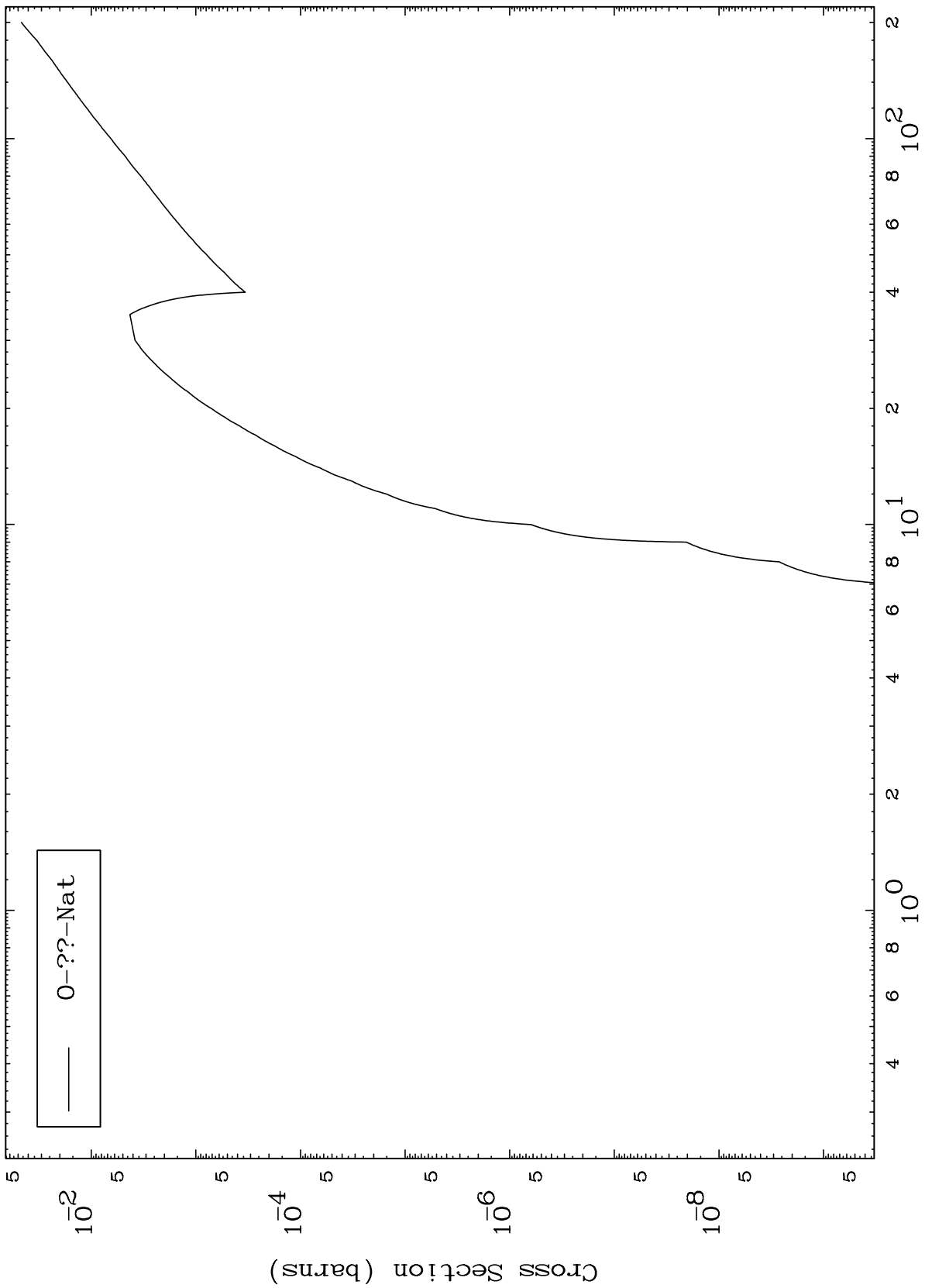
Incident Energy (MeV)

80-Hg-197

MAT 8029

Triton Fission
Radionuclide Production Cross Section

80-Hg-197

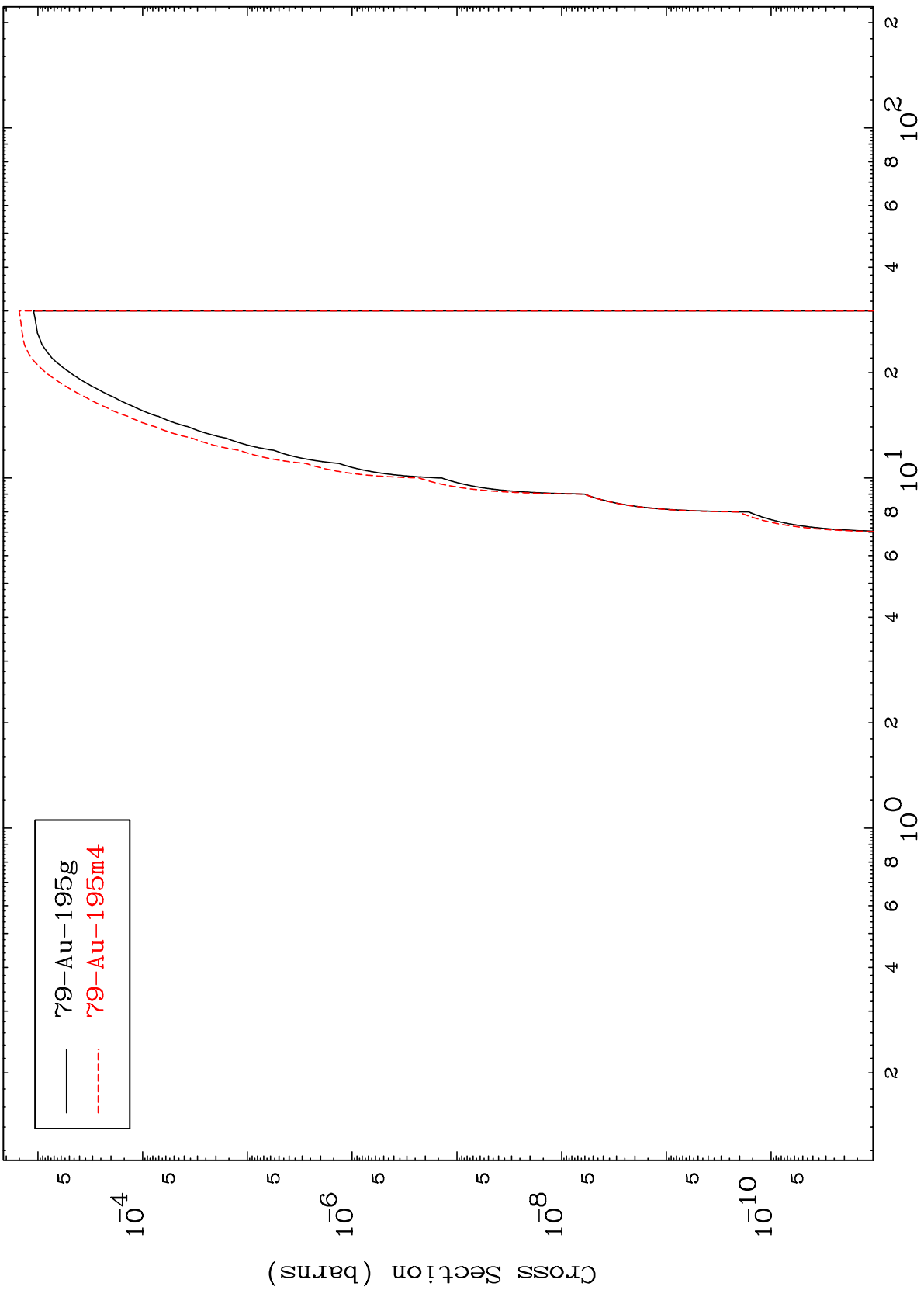


MAT 8029

$(t, n') \alpha$

80-Hg-197

Radionuclide Production Cross Section



79-Au-195g
79-Au-195m4

15

Incident Energy (MeV)

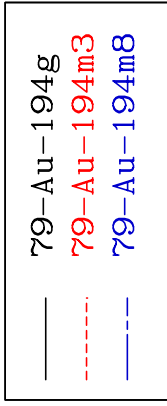
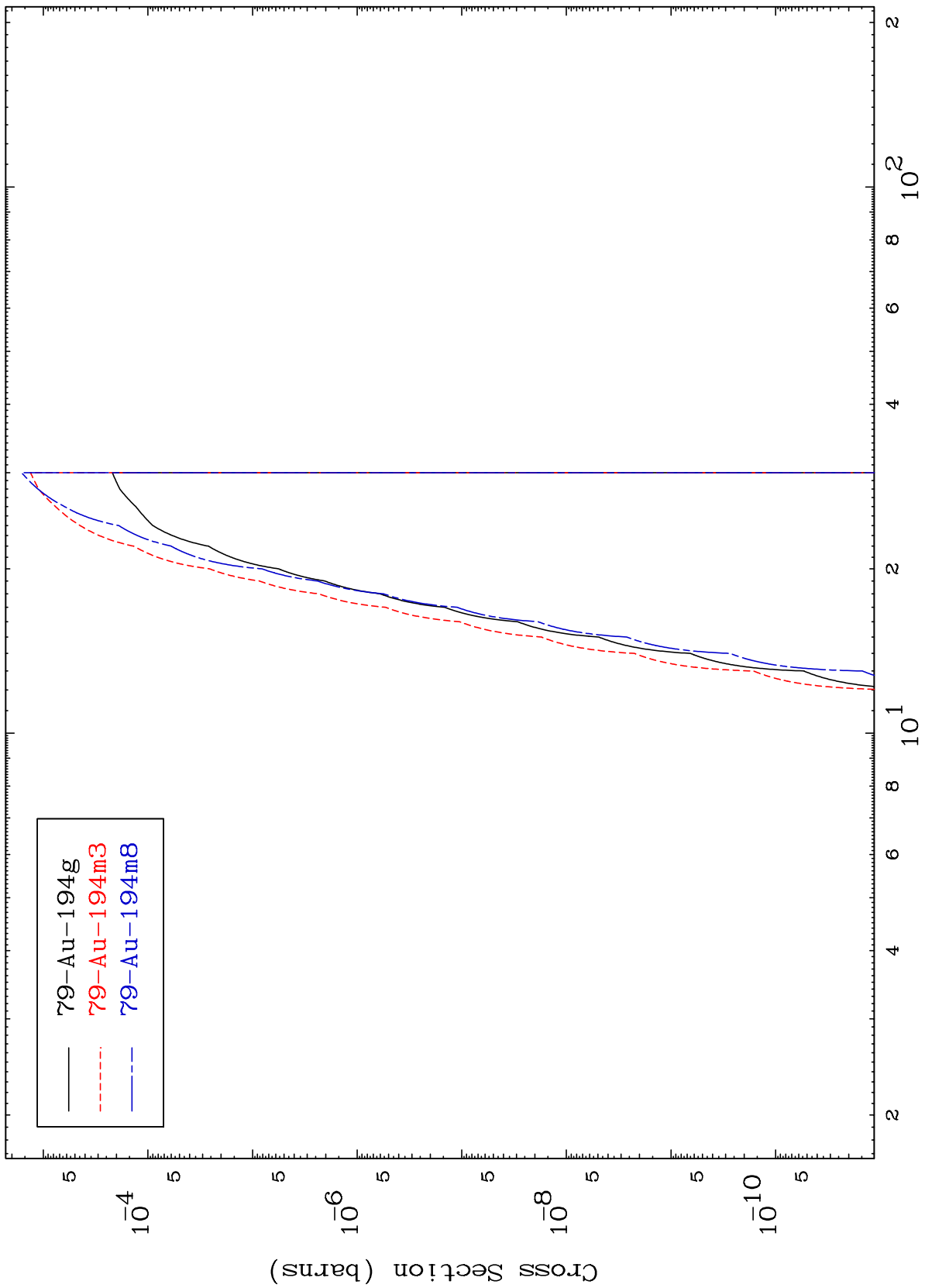
80-Hg-197

MAT 8029

(t,2n) α

80-Hg-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

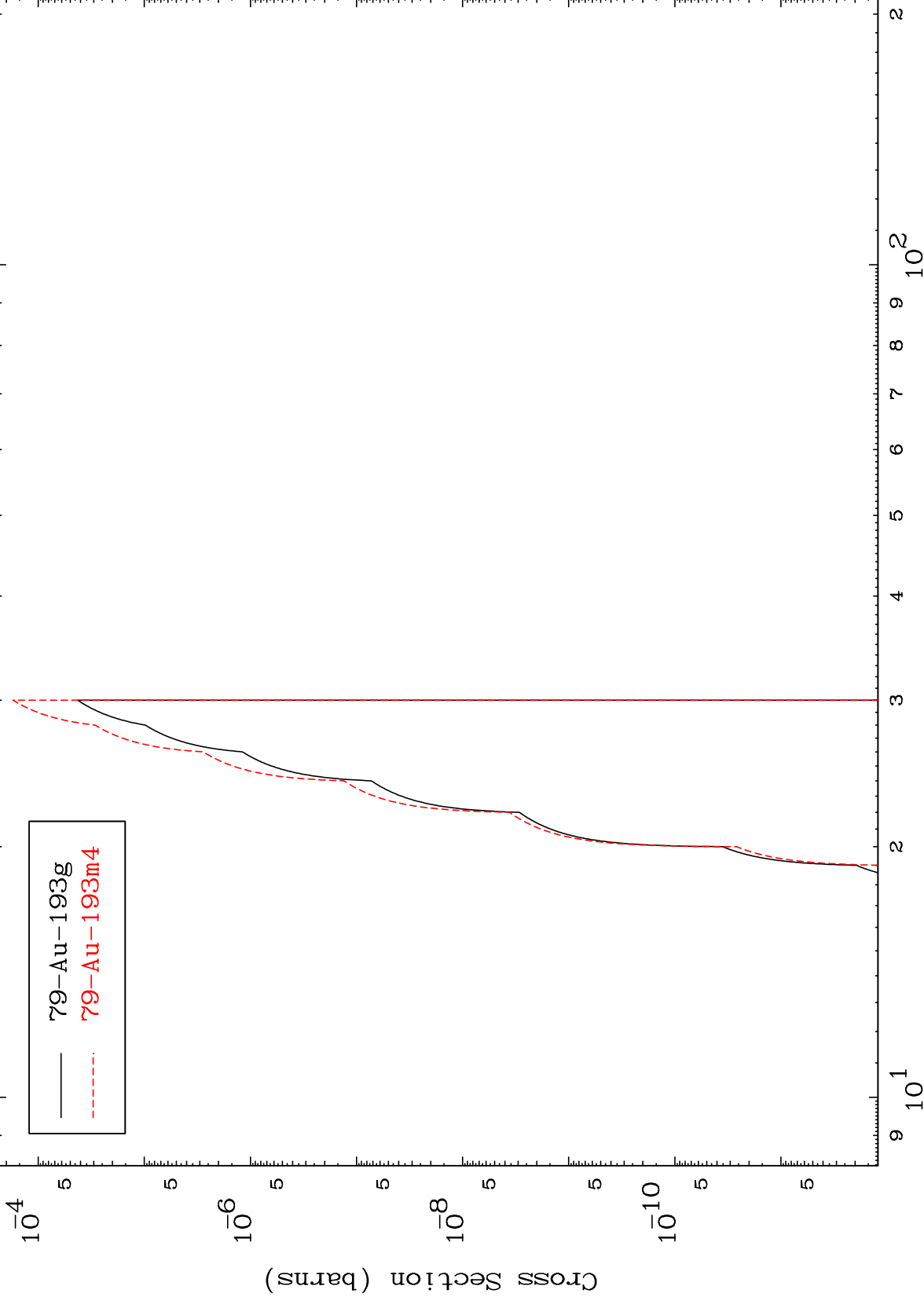
80-Hg-197

MAT 8029

(t,3n) α

80-Hg-197

Radionuclide Production Cross Section



79-Au-193g
79-Au-193m4

17

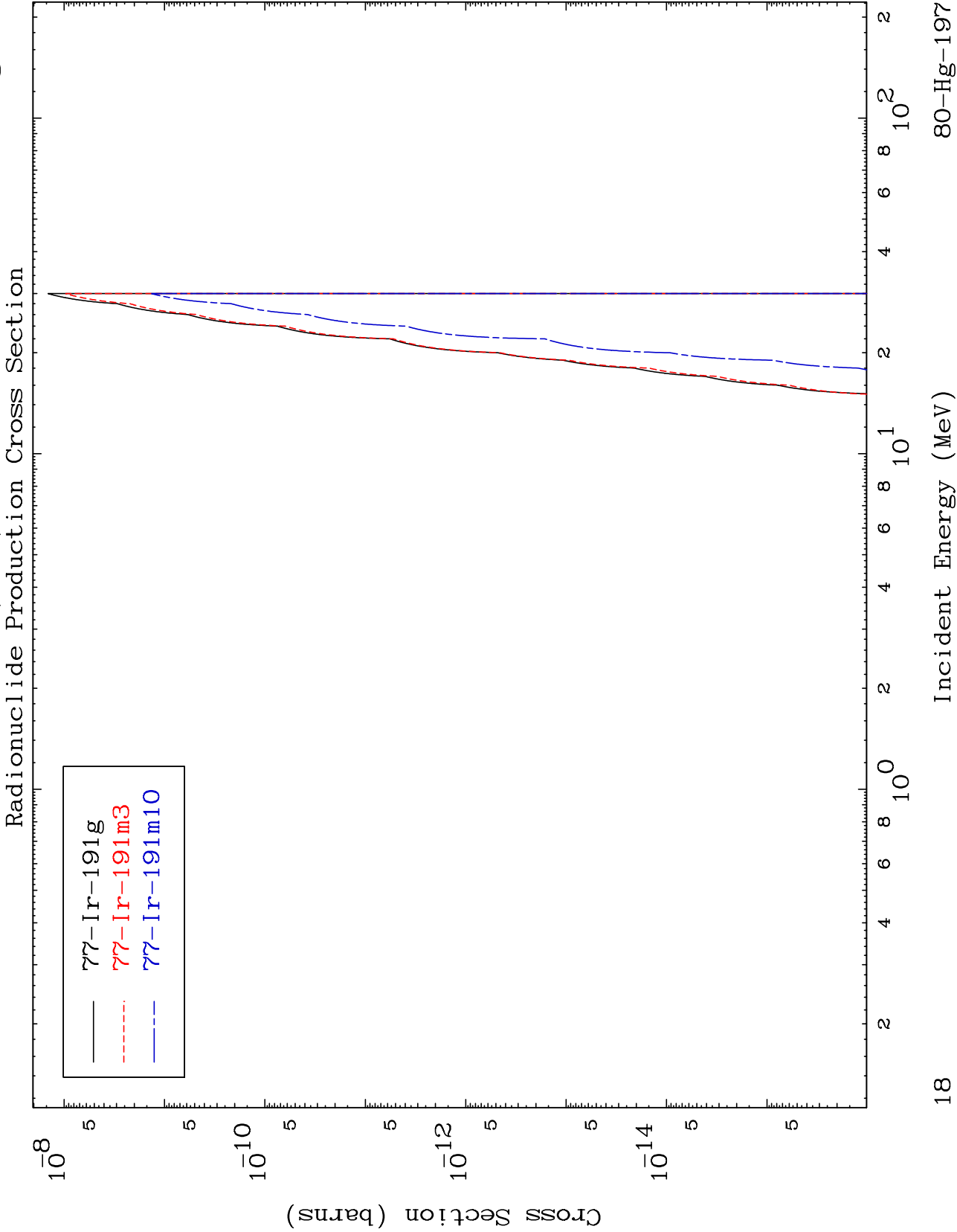
Incident Energy (MeV)

80-Hg-197

MAT 8029

(t,n') 2 α

80-Hg-197

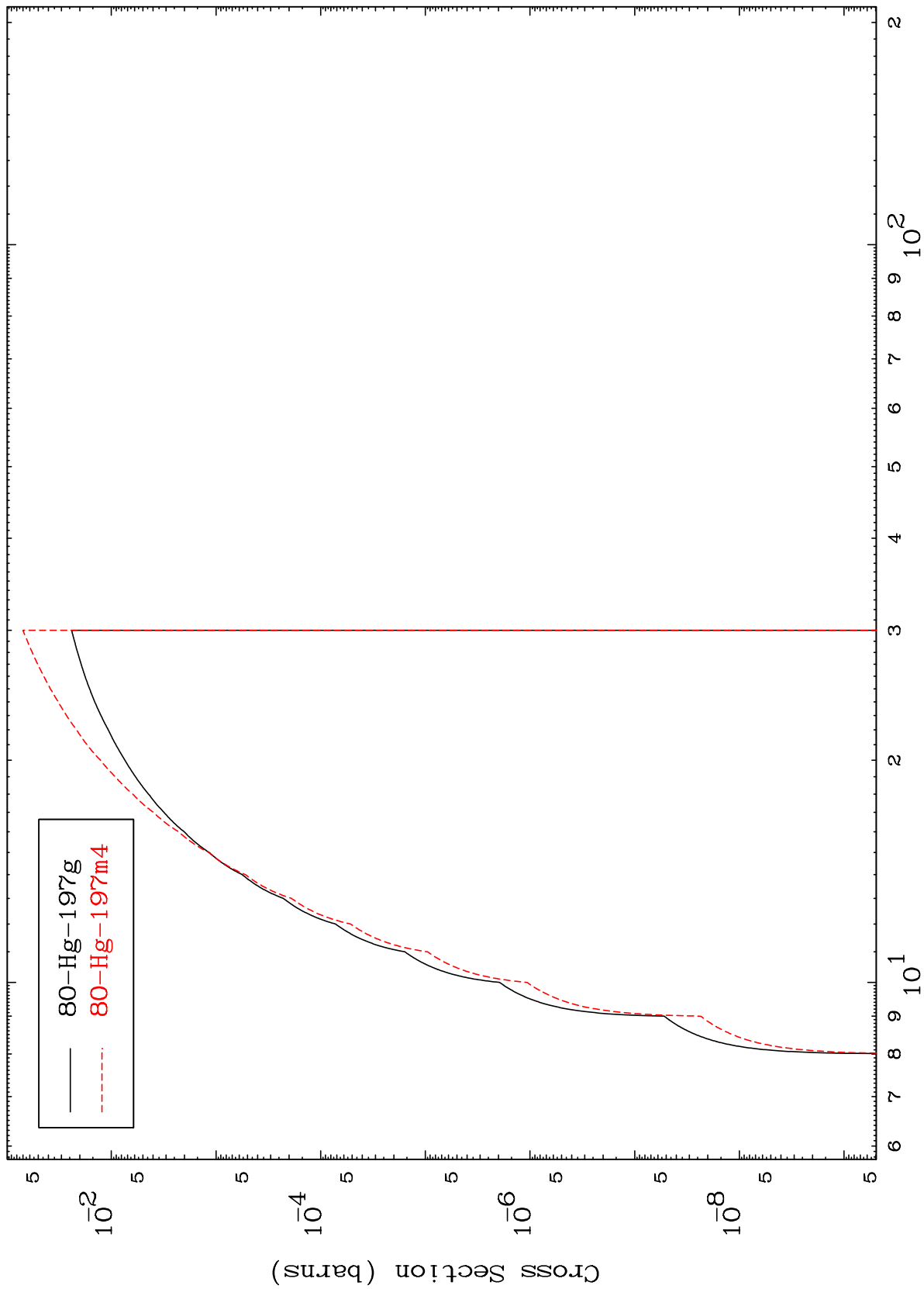


MAT 8029

(t,n') d

80-Hg-197

Radionuclide Production Cross Section



19

Incident Energy (MeV)

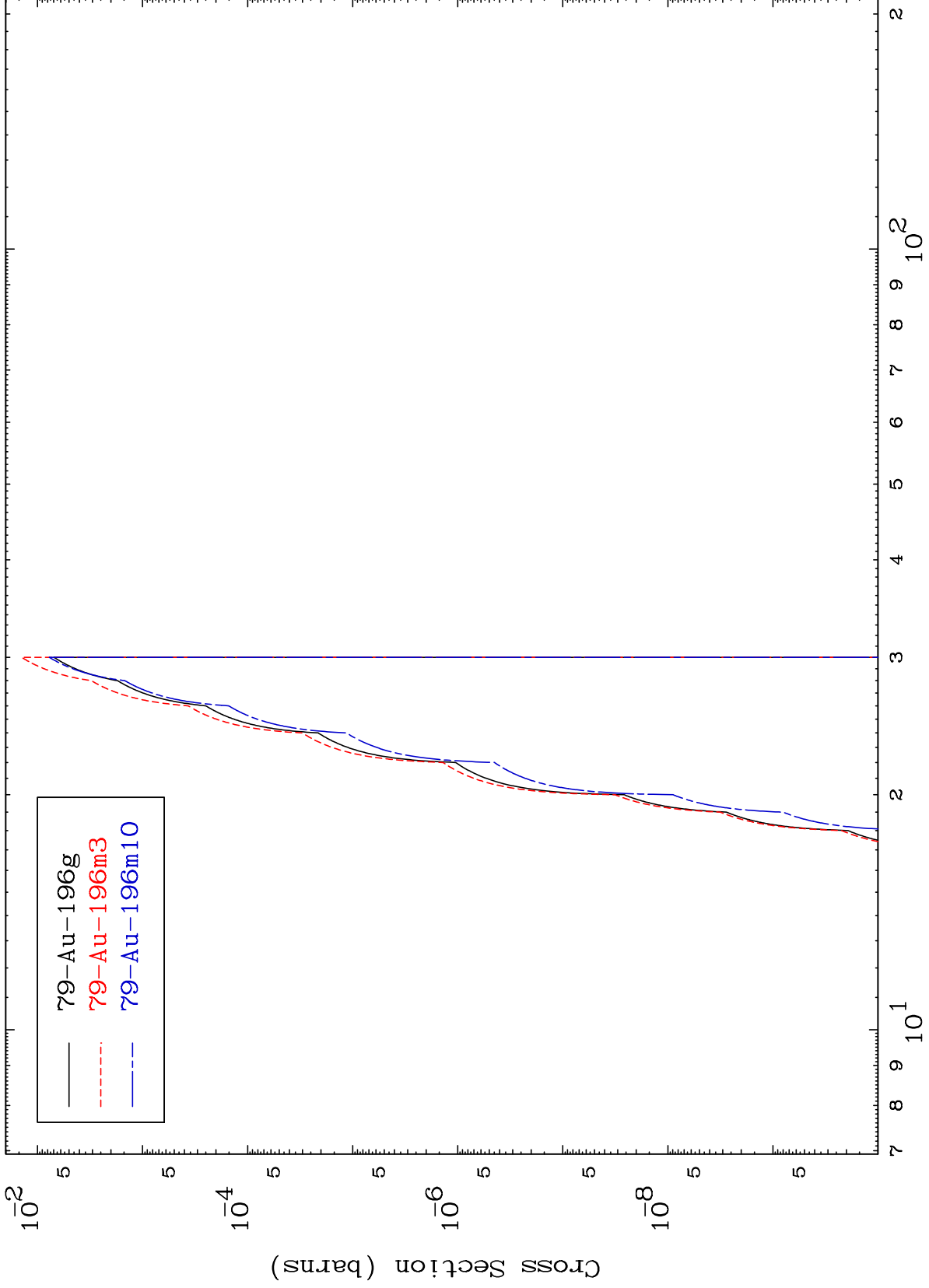
80-Hg-197

MAT 8029

(t,n') He-3

80-Hg-197

Radionuclide Production Cross Section



20

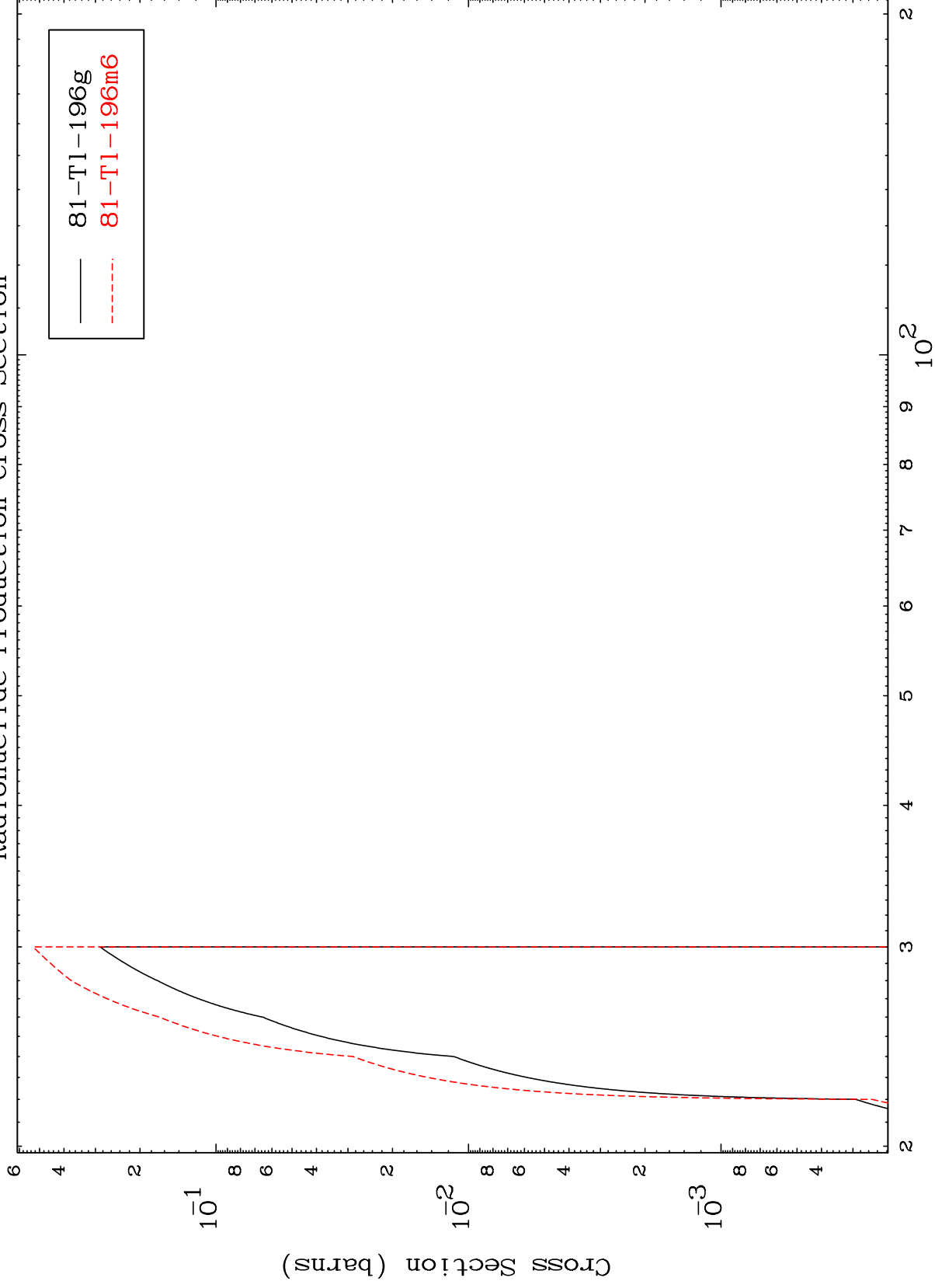
Incident Energy (MeV)

80-Hg-197

MAT 8029

80-Hg-197

(t,4n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

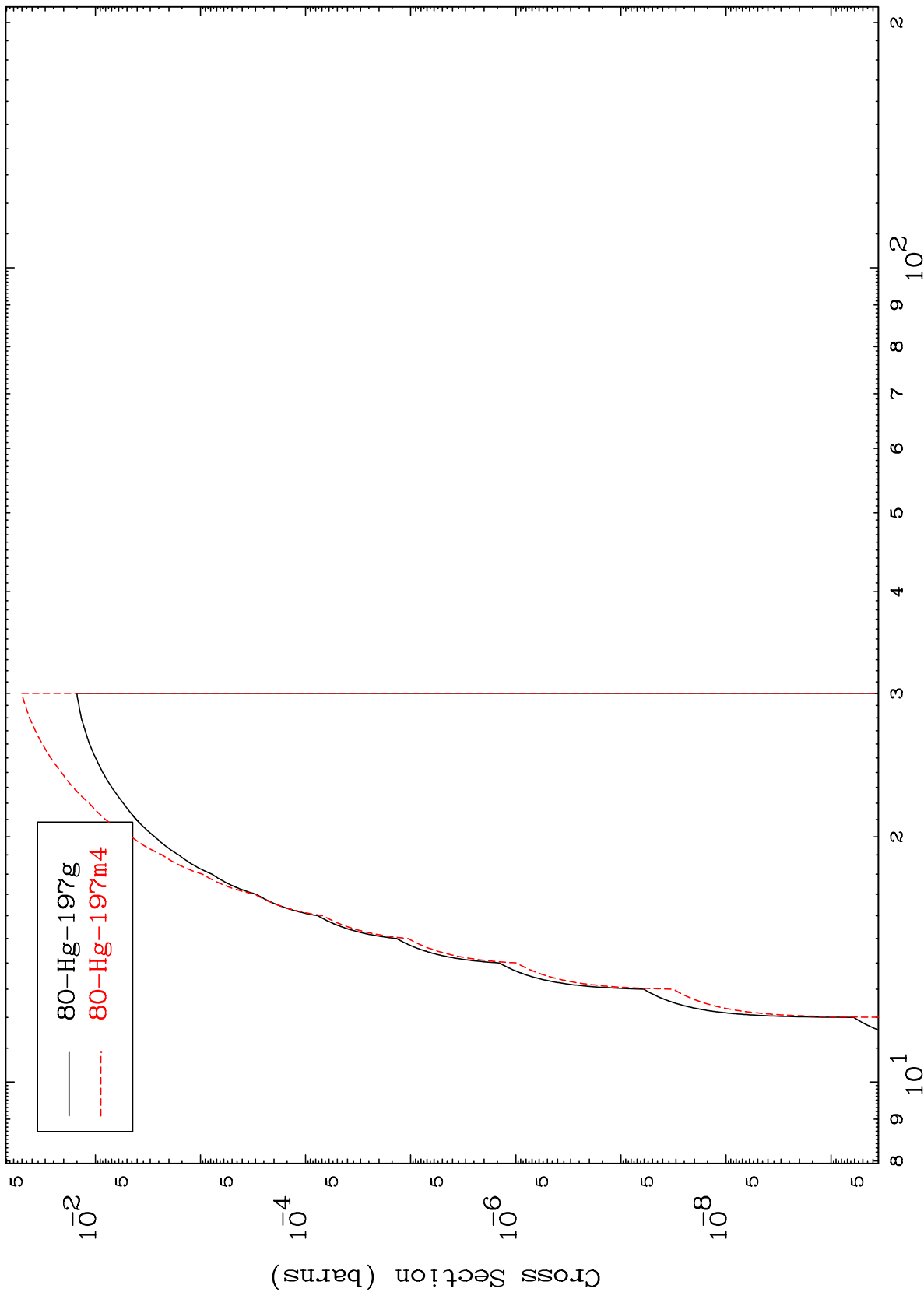
80-Hg-197

MAT 8029

(t,2n) p

80-Hg-197

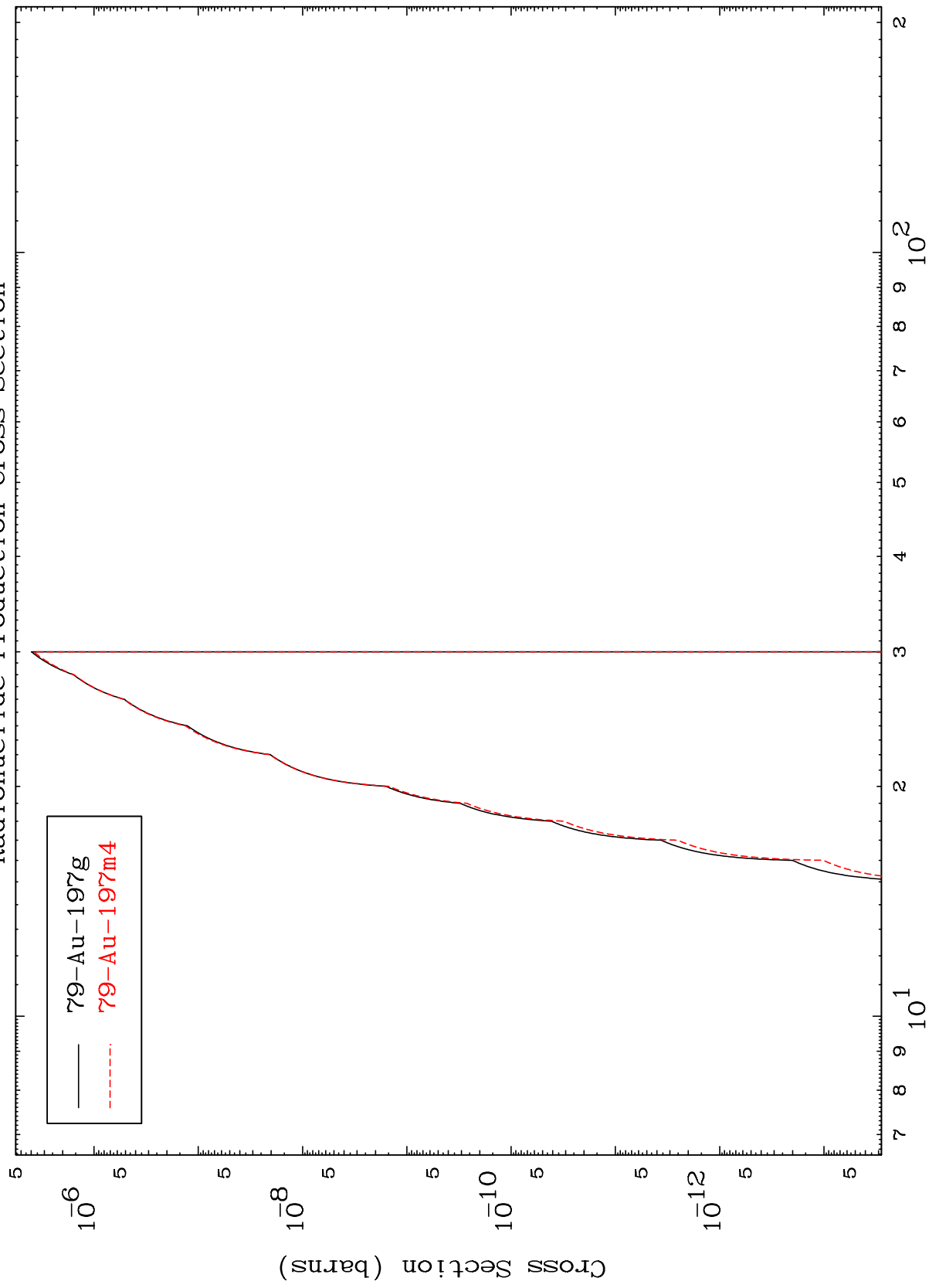
Radionuclide Production Cross Section



MAT 8029

80-Hg-197

(t,2n) p
Radionuclide Production Cross Section



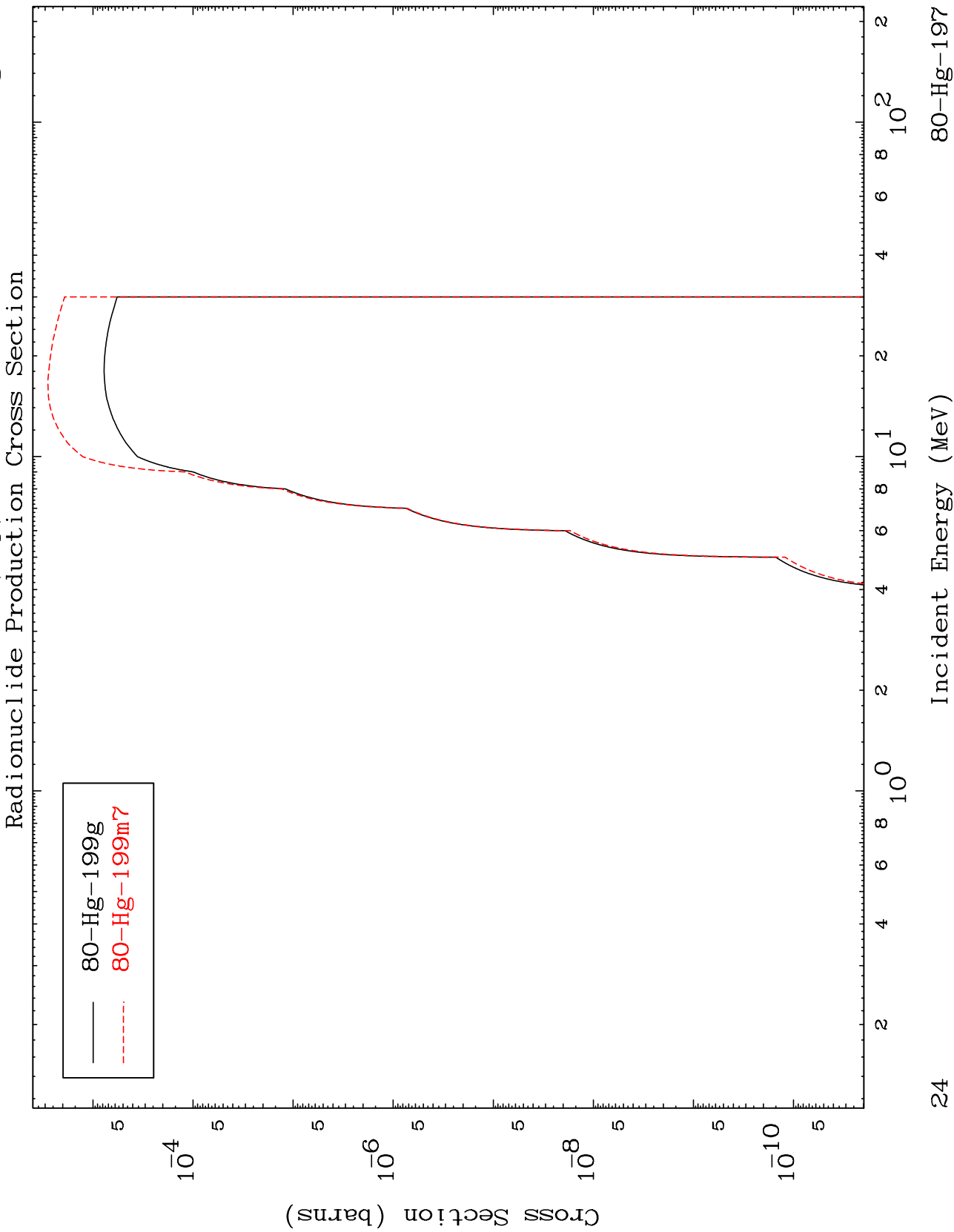
80-Hg-197

Incident Energy (MeV)

23

MAT 8029

80-Hg-197

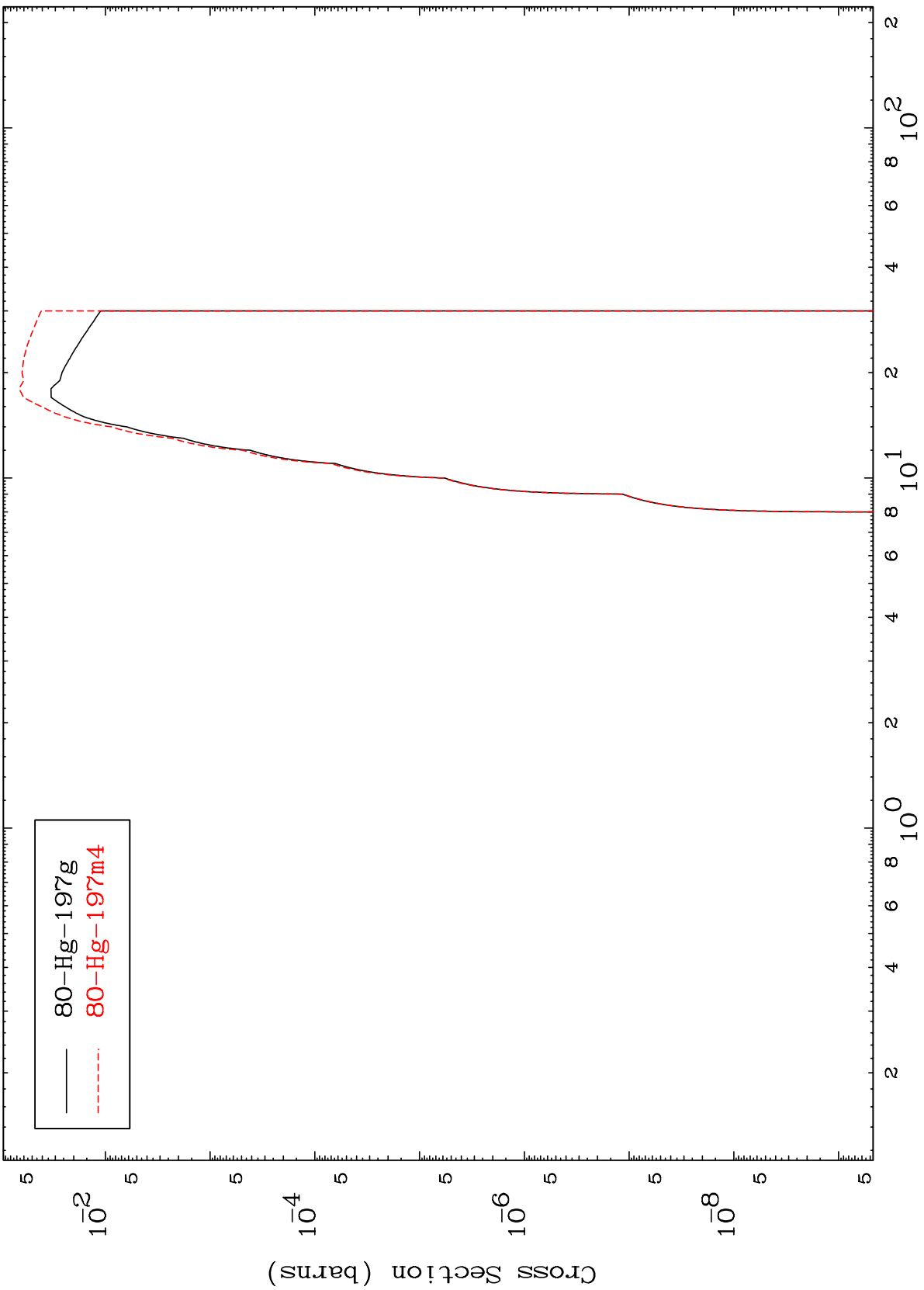


MAT 8029

(t, t)

80-Hg-197

Radionuclide Production Cross Section



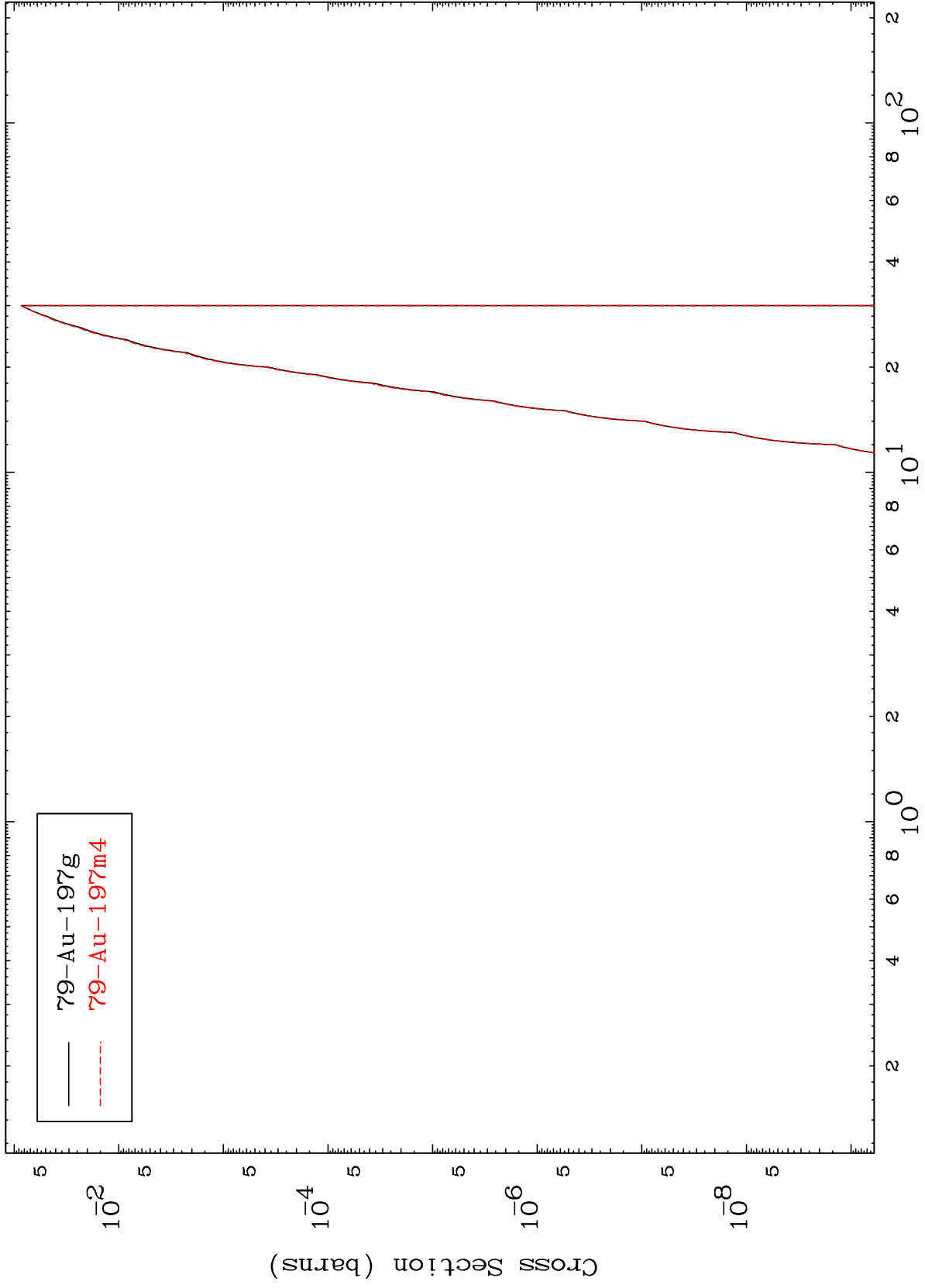
80-Hg-197g
80-Hg-197m4

MAT 8029

(t,He-3)

80-Hg-197

Radionuclide Production Cross Section



26

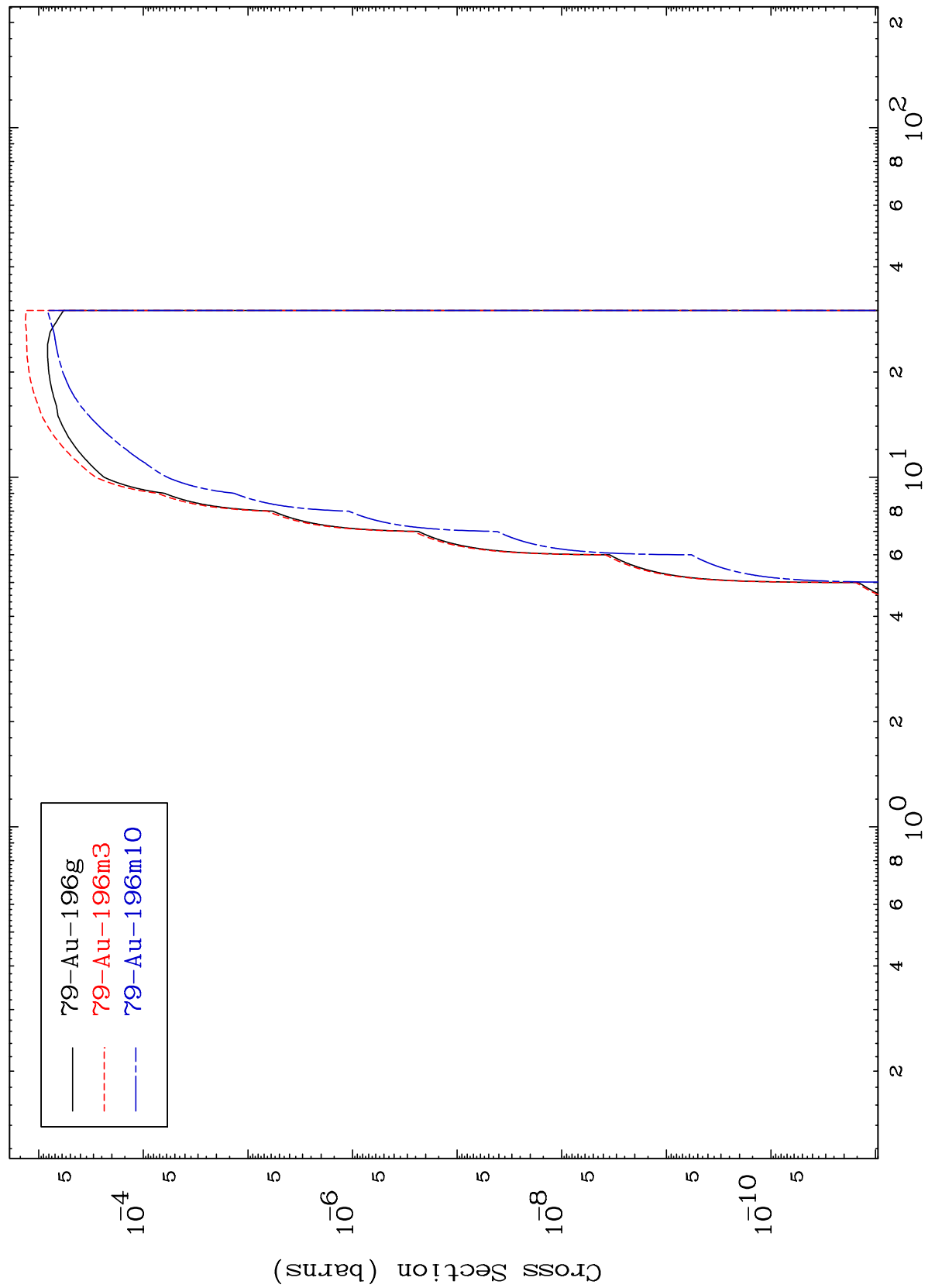
Incident Energy (MeV)

80-Hg-197

MAT 8029

80-Hg-197

Radionuclide Production Cross Section
(t, α)



80-Hg-197

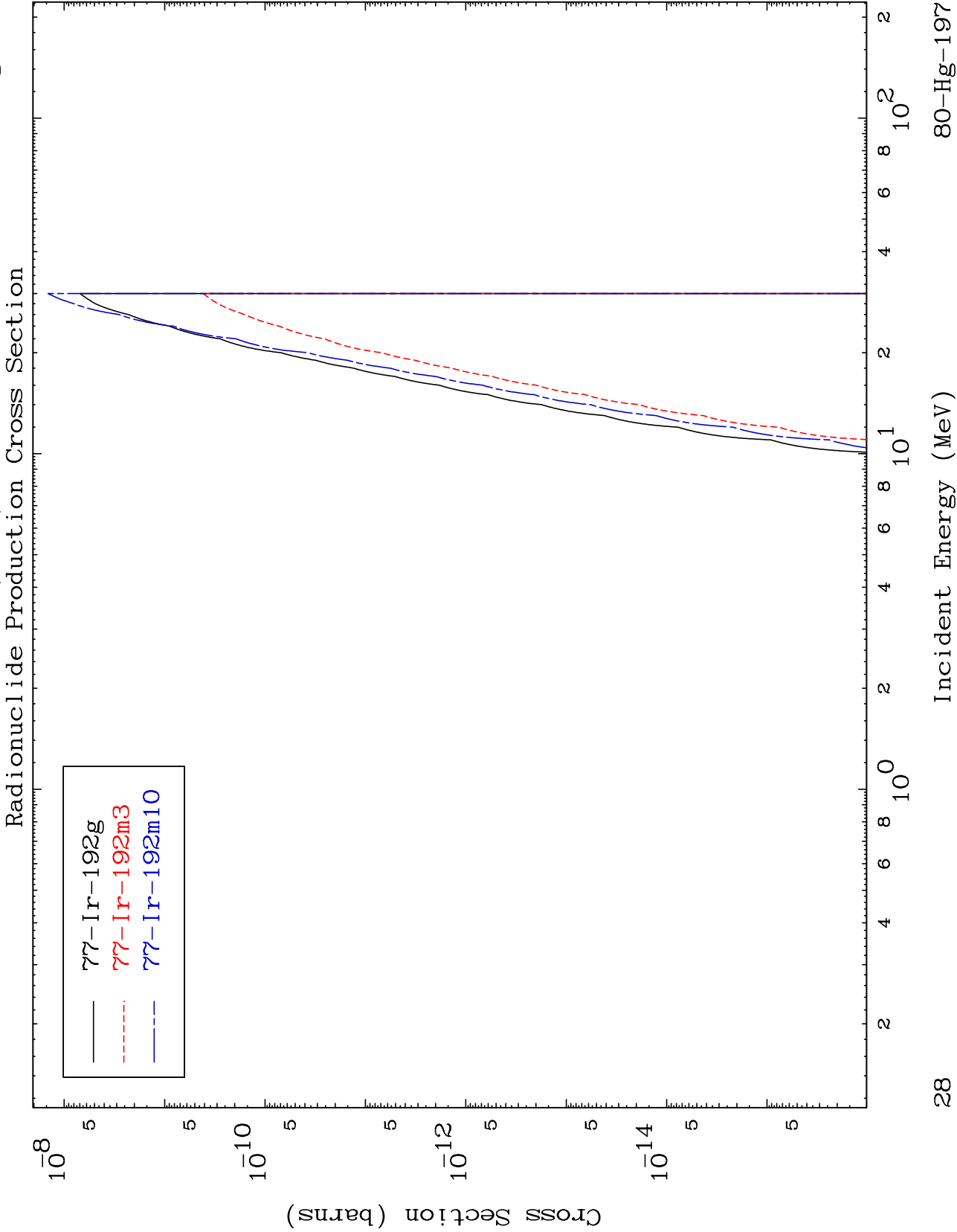
Incident Energy (MeV)

27

MAT 8029

(t,2 α)

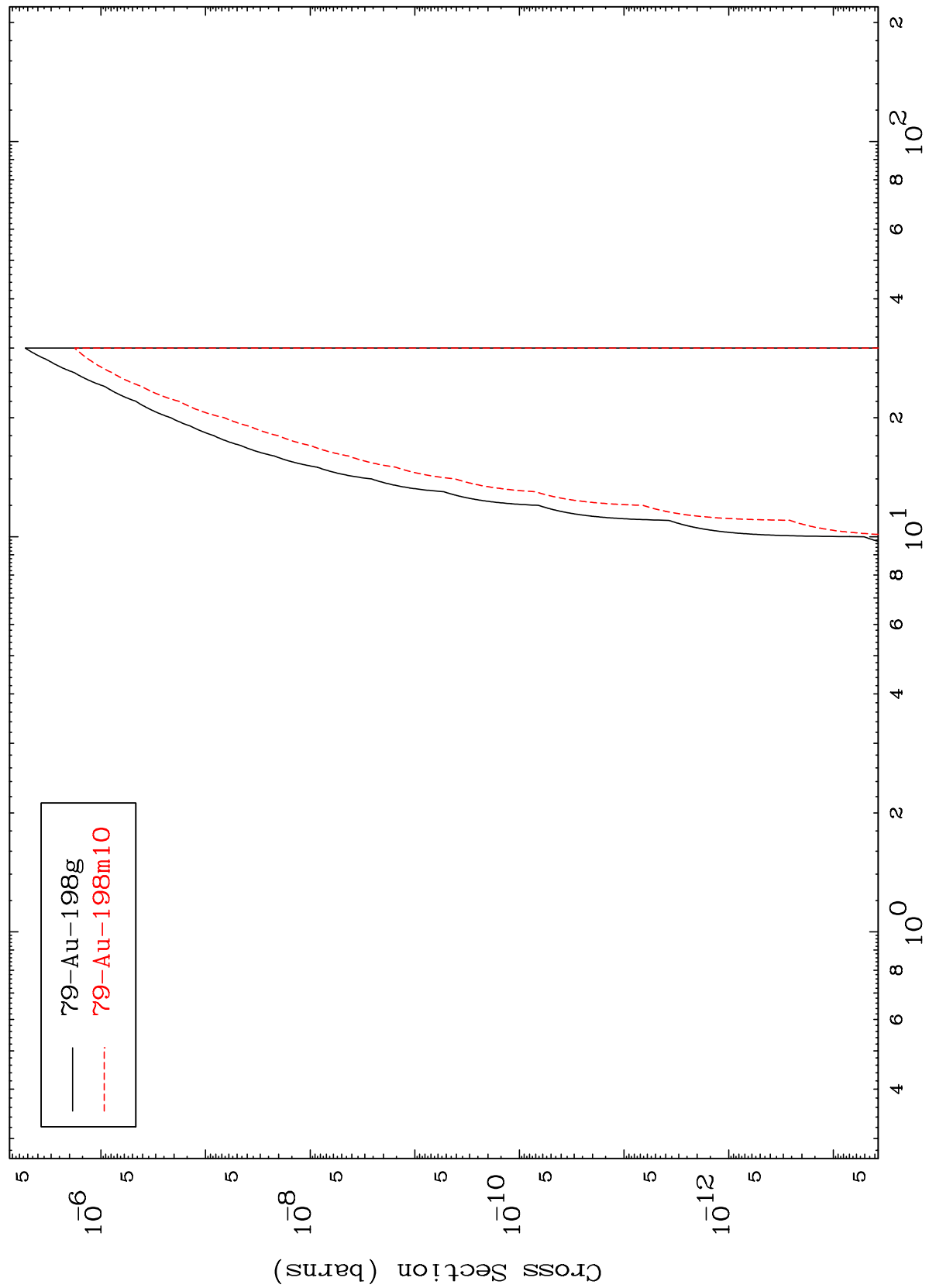
80-Hg-197



MAT 8029

80-Hg-197

(t,2p)
Radionuclide Production Cross Section



29

80-Hg-197

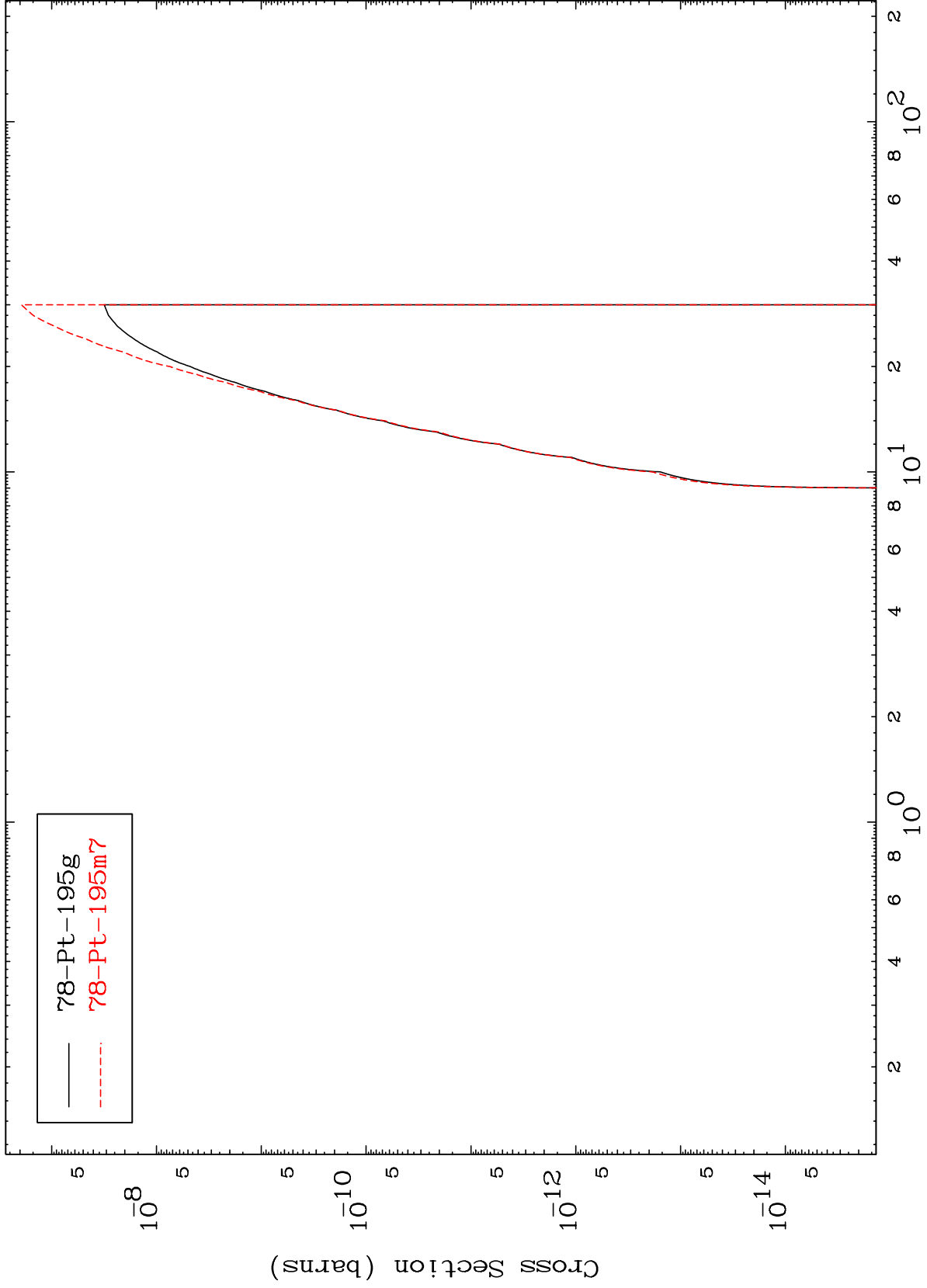
Incident Energy (MeV)

MAT 8029

(t,p) α

80-Hg-197

Radionuclide Production Cross Section



30

Incident Energy (MeV)

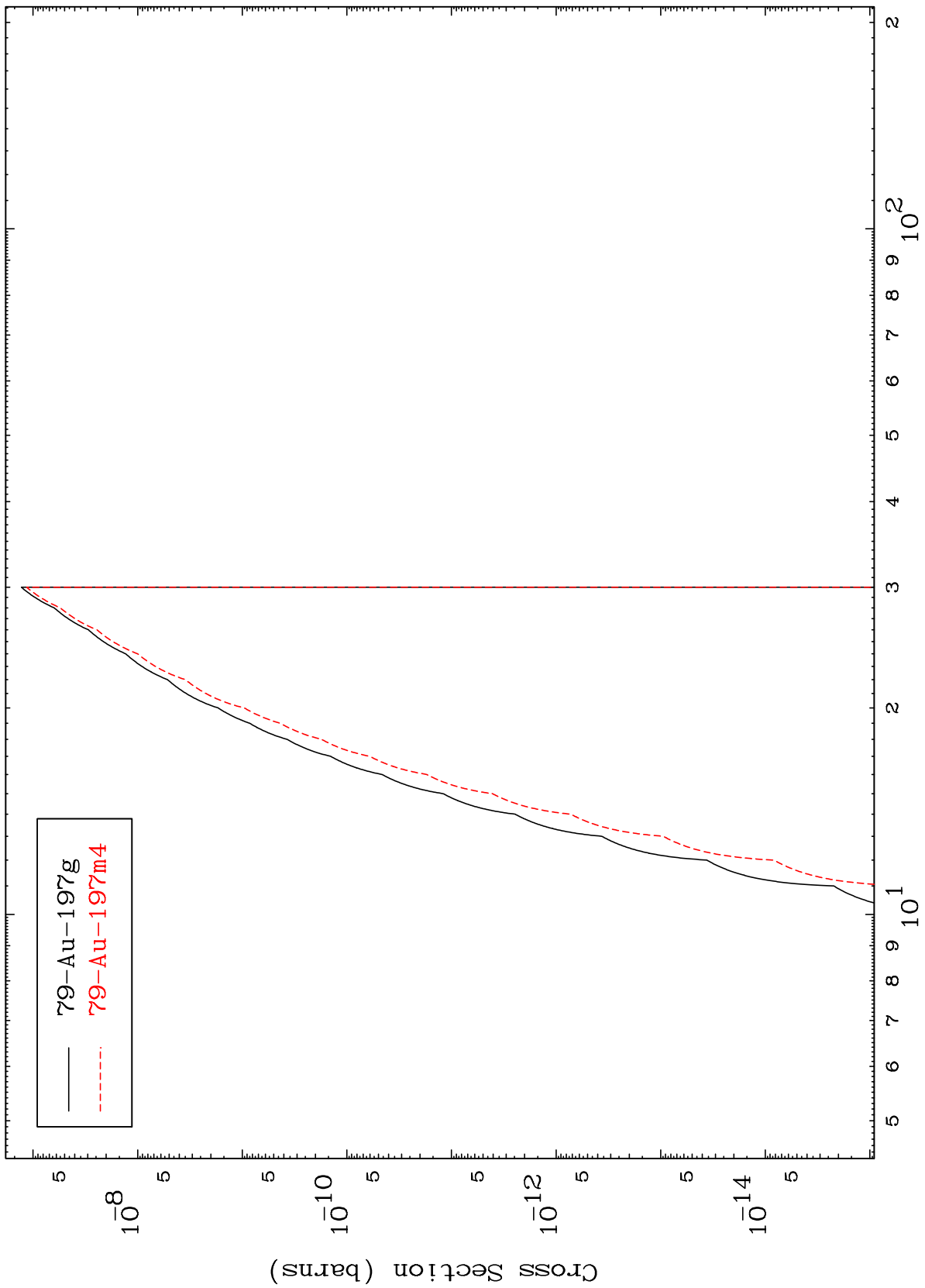
80-Hg-197

MAT 8029

(t,p) d

80-Hg-197

Radionuclide Production Cross Section

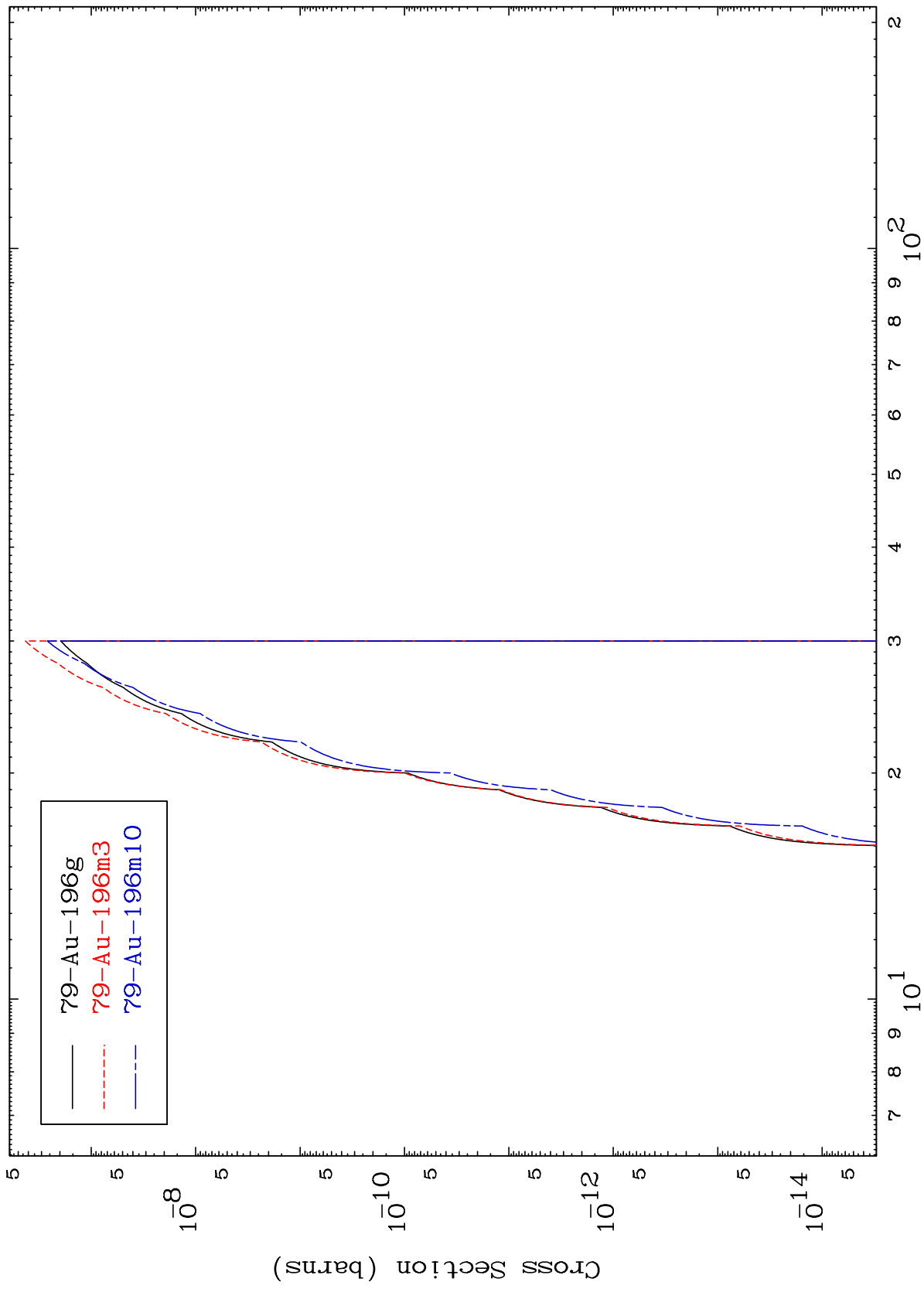


79-Au-197g
79-Au-197m4

MAT 8029

80-Hg-197

(t,p) t
Radionuclide Production Cross Section



80-Hg-197

Incident Energy (MeV)

32