

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

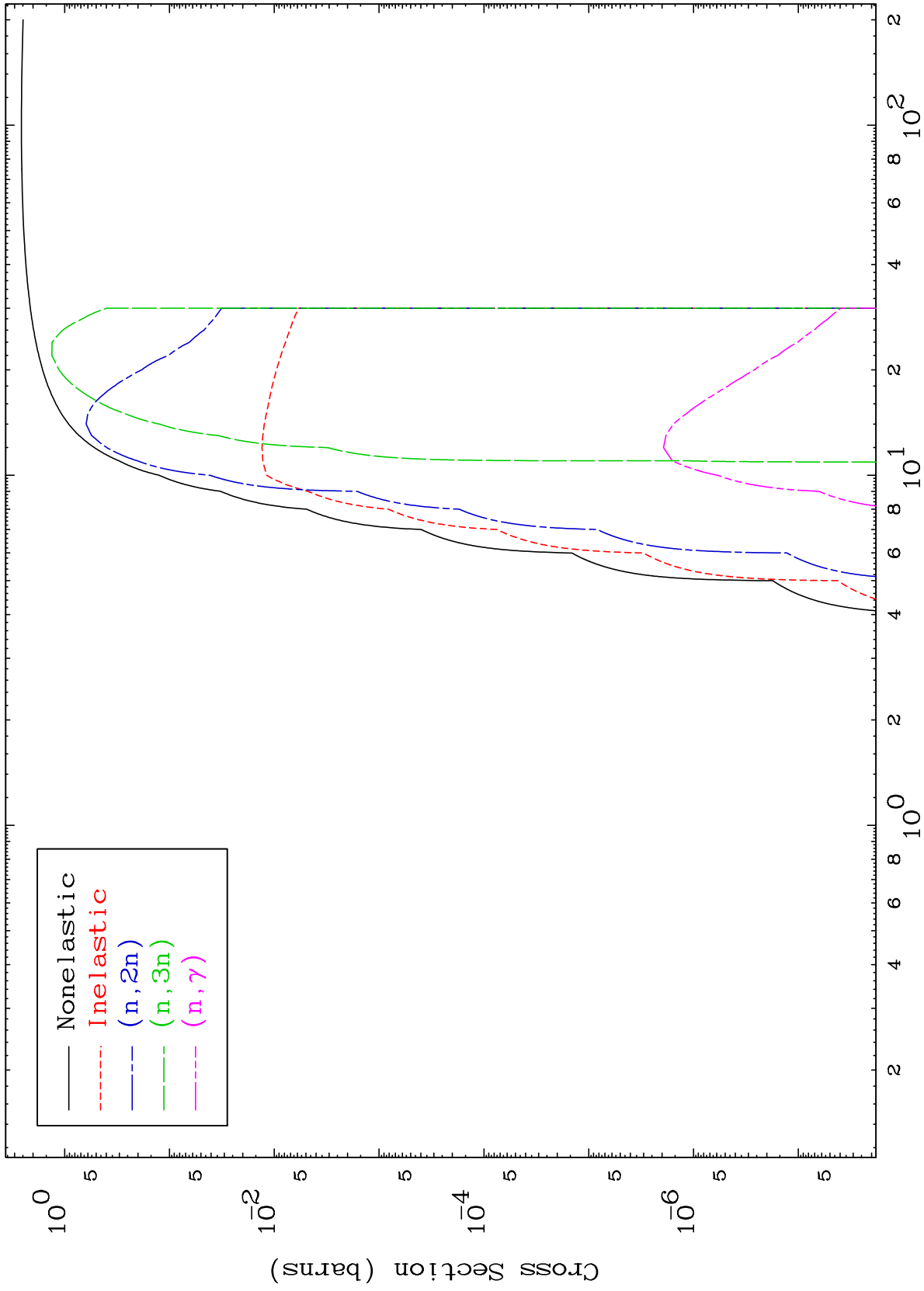
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8034

Triton Major
0 Kelvin Cross Sections

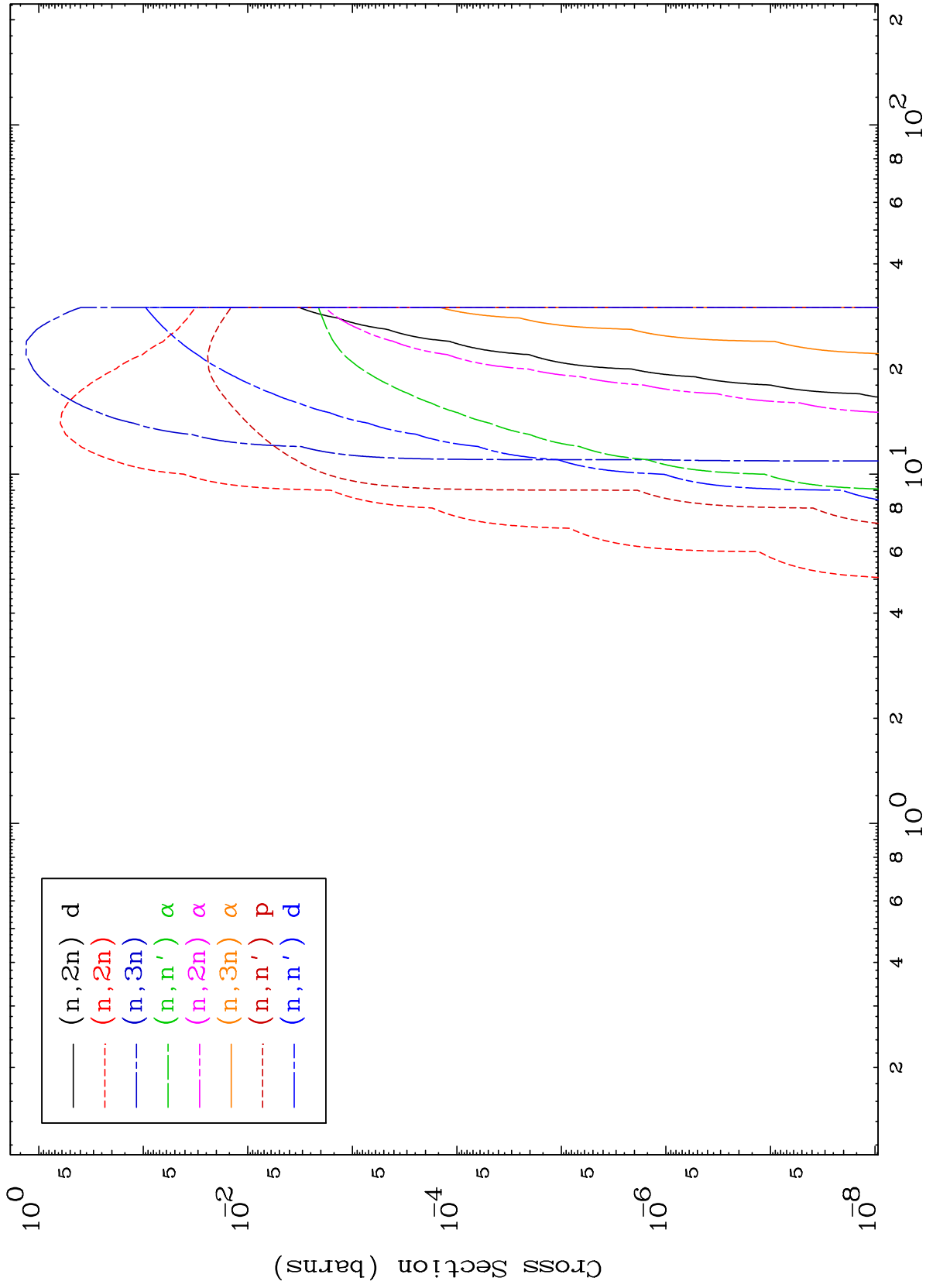
80-Hg-199



MAT 8034

Triton Neutron Absorption
0 Kelvin Cross Sections

80-Hg-199



2

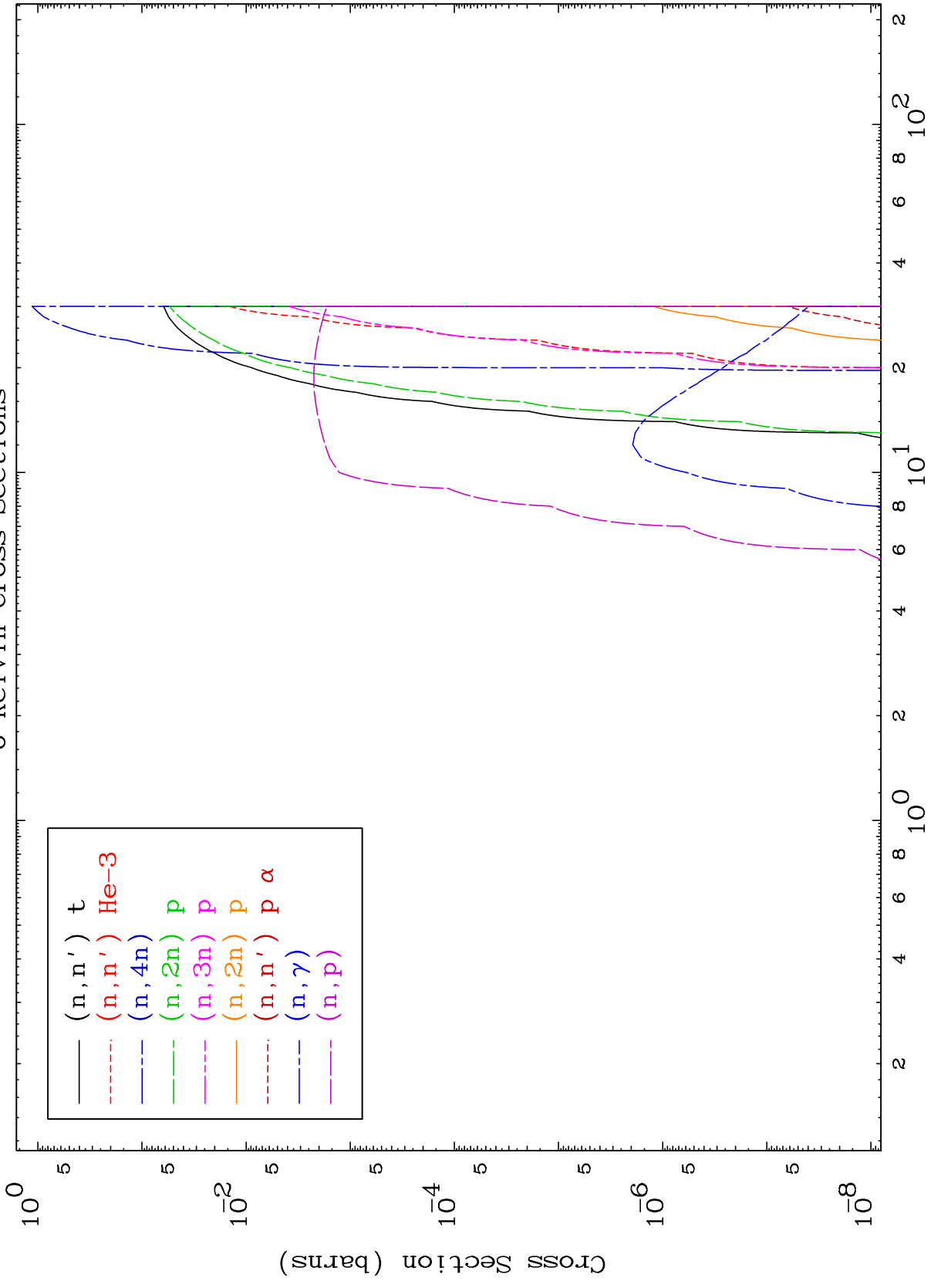
Incident Energy (MeV)

80-Hg-199

MAT 8034

Triton Neutron Absorption
0 Kelvin Cross Sections

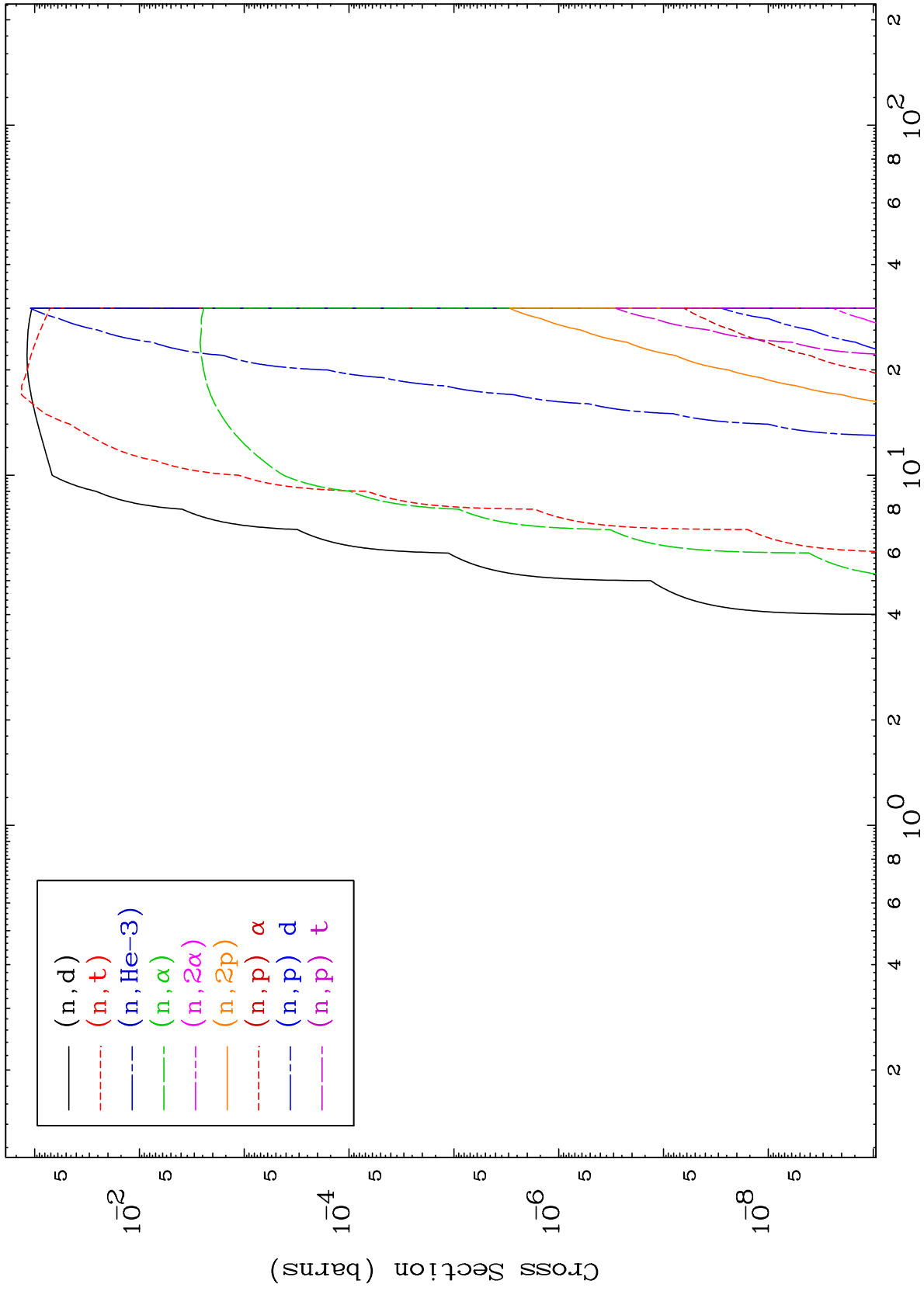
80-Hg-199



MAT 8034

Triton Neutron Absorption
0 Kelvin Cross Sections

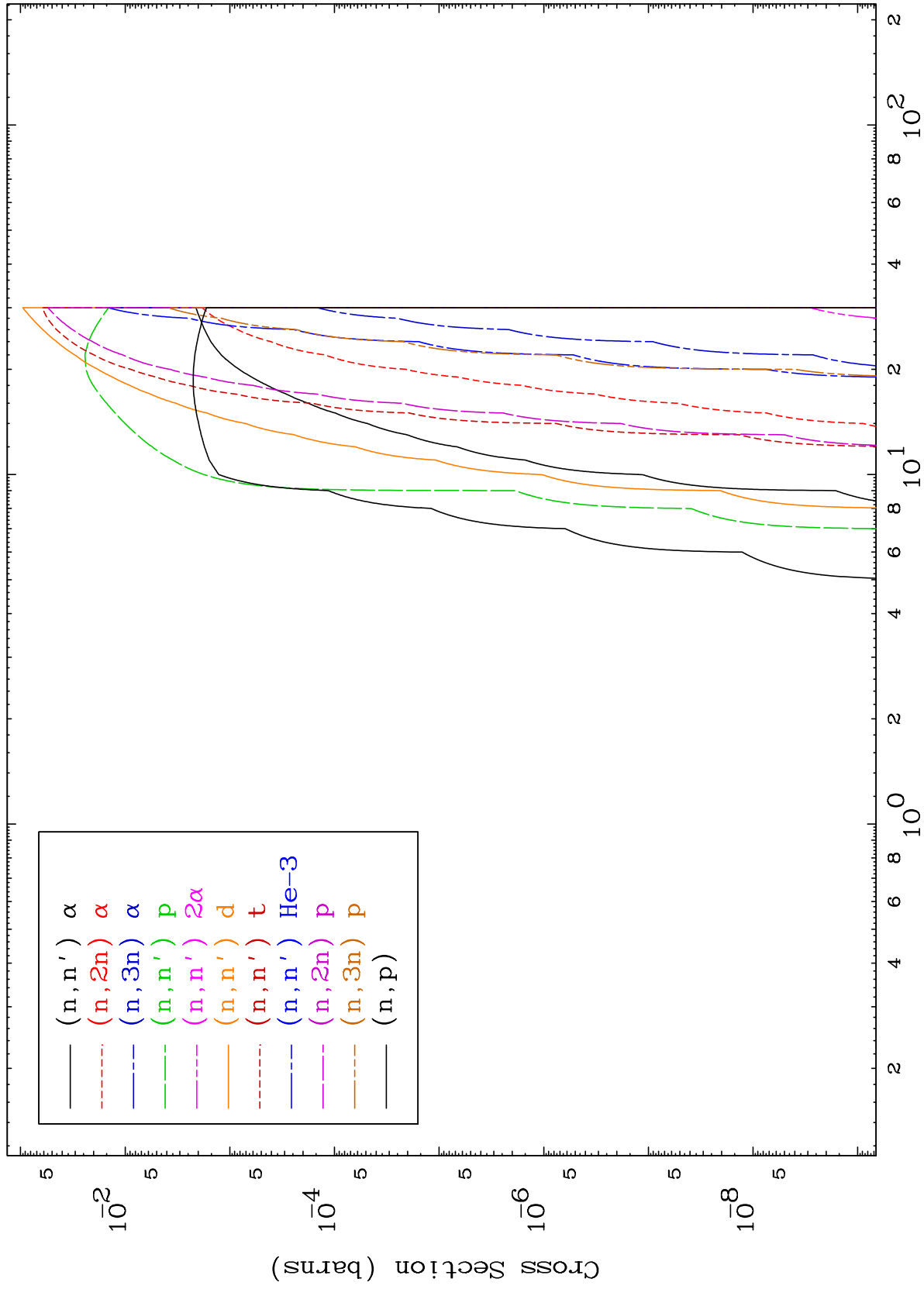
80-Hg-199



MAT 8034

Triton Charged Particle
0 Kelvin Cross Sections

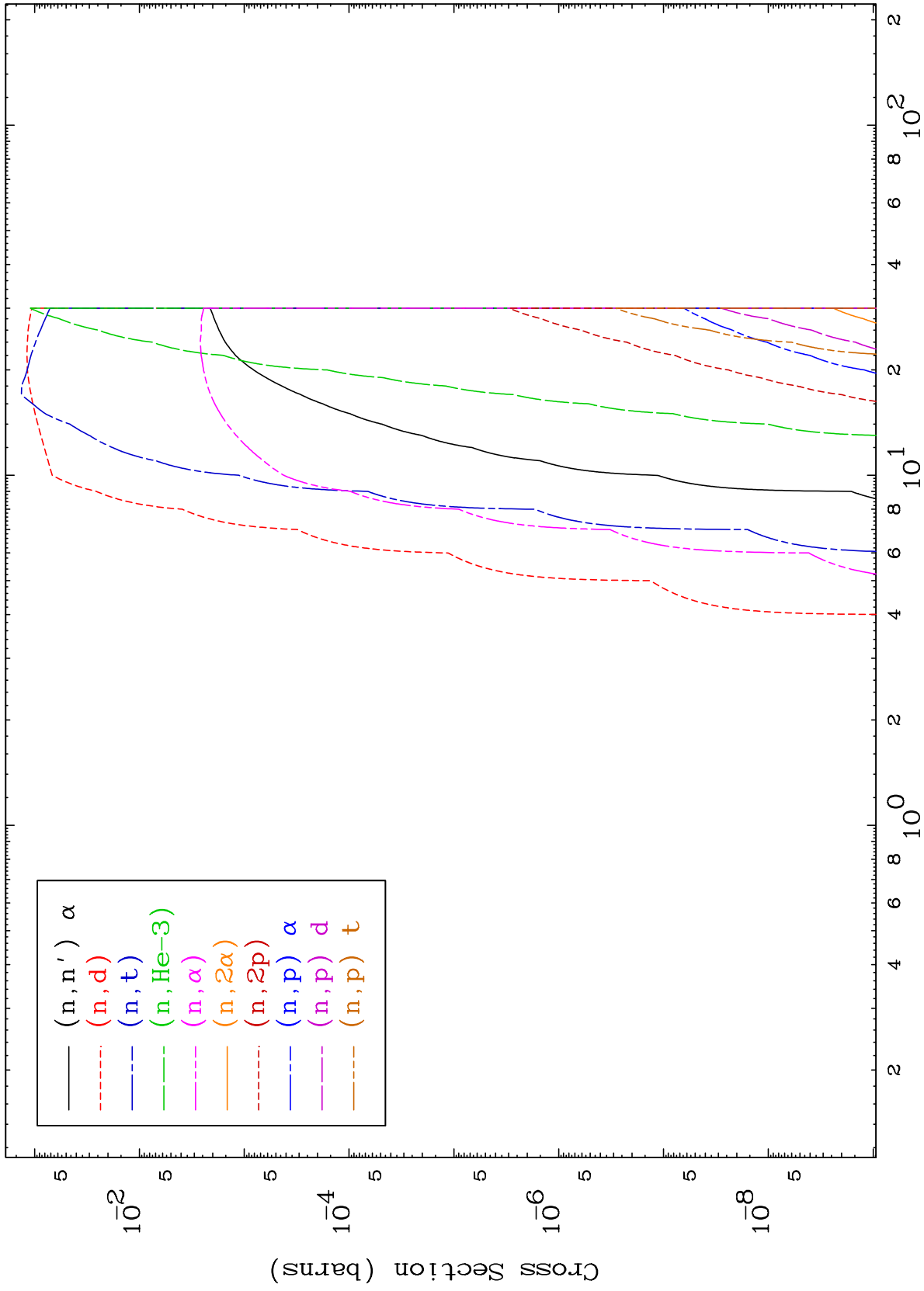
80-Hg-199



MAT 8034

Triton Charged Particle
0 Kelvin Cross Sections

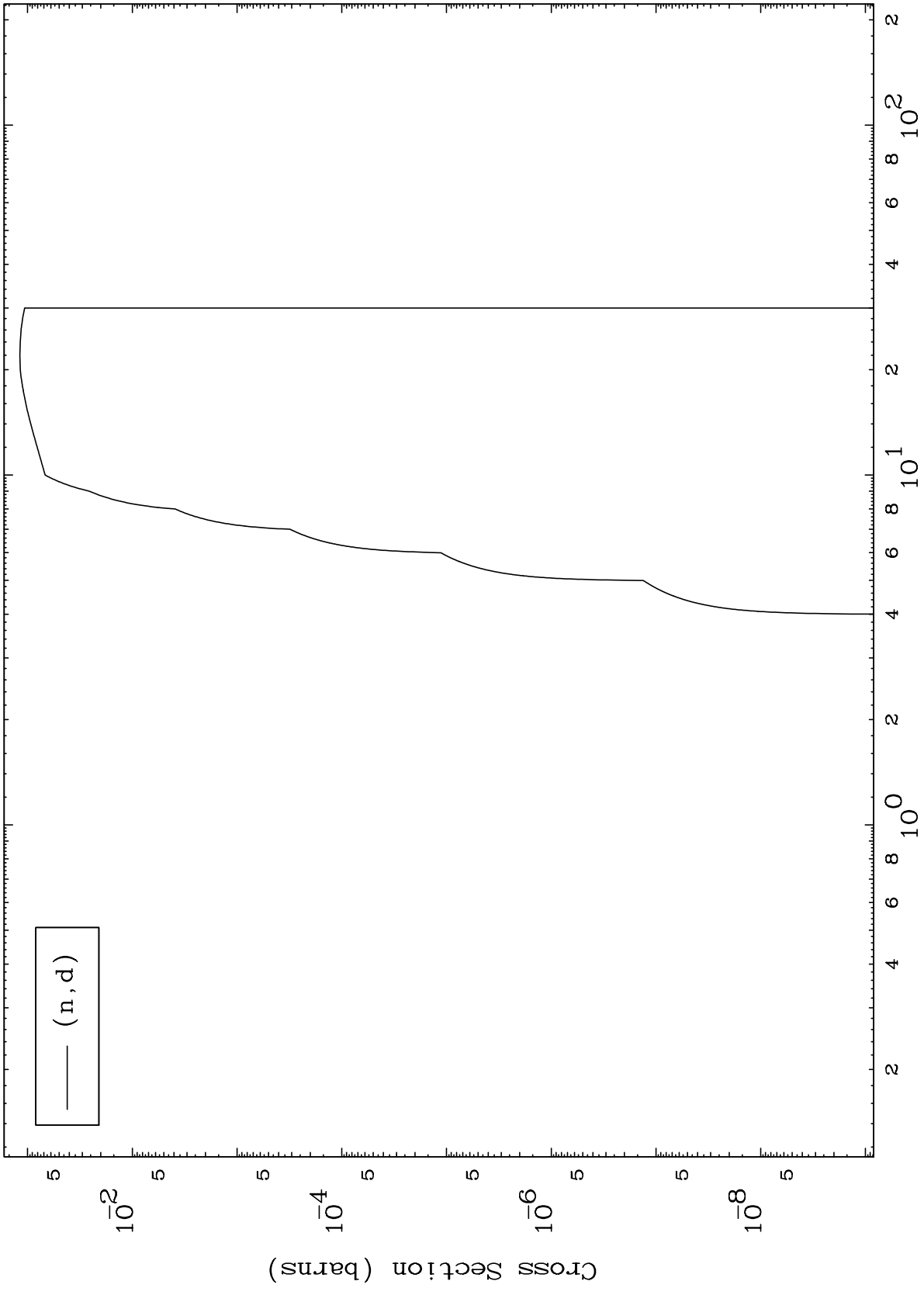
80-Hg-199



MAT 8034

(t,d) Levels
0 Kelvin Cross Sections

80-Hg-199

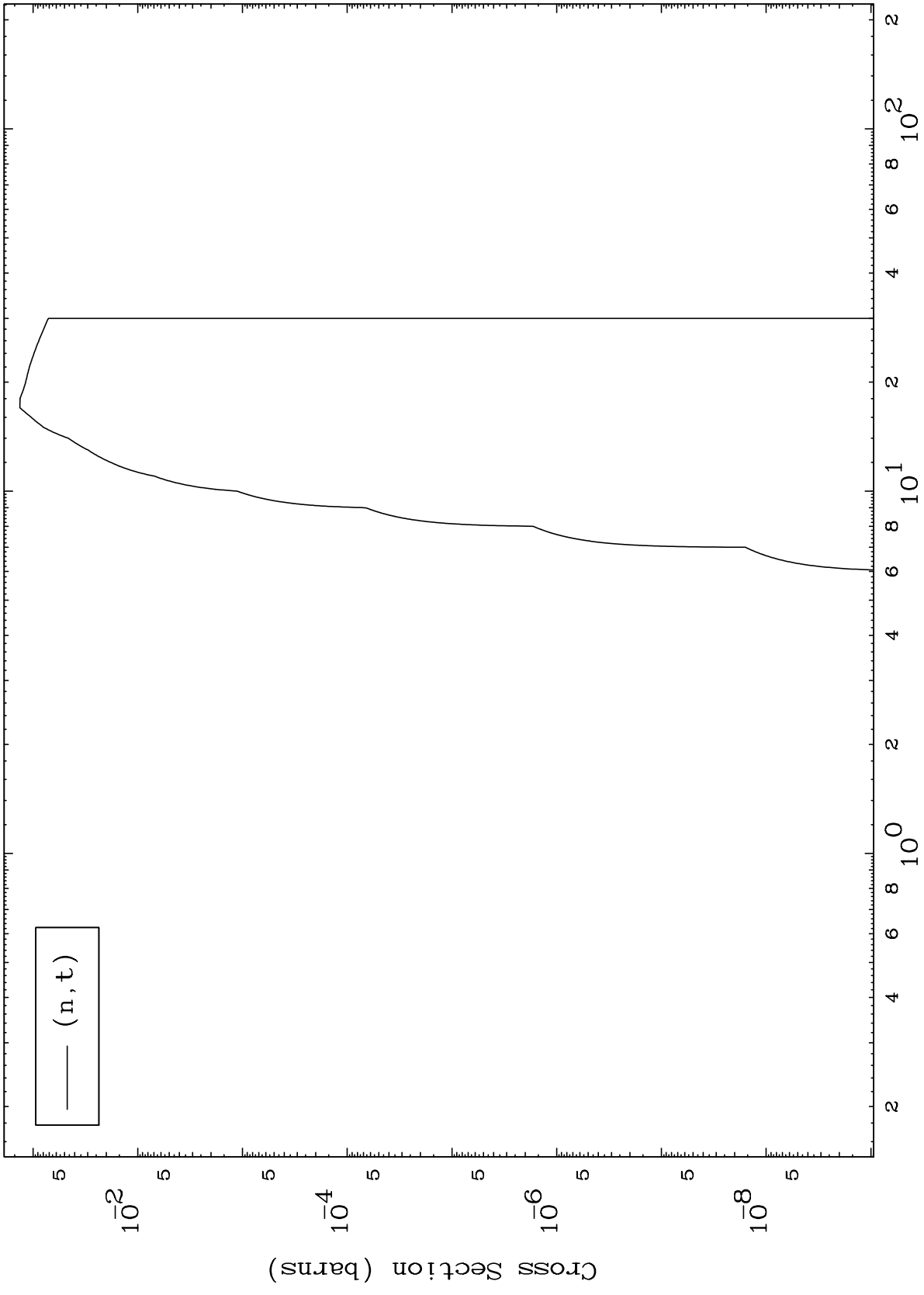


80-Hg-199

MAT 8034

(t,t) Levels
0 Kelvin Cross Sections

80-Hg-199



9

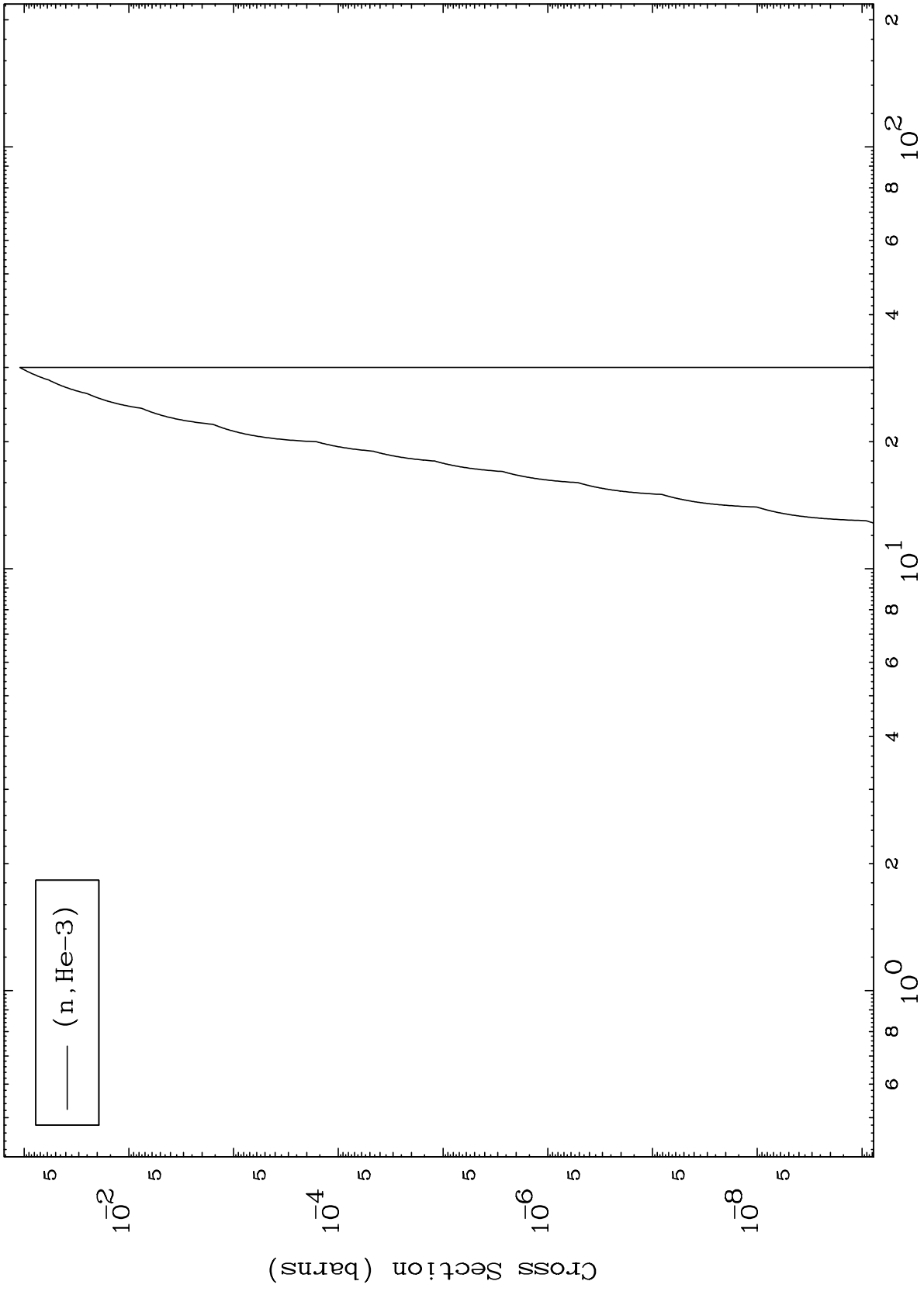
Incident Energy (MeV)

80-Hg-199

MAT 8034

(t,He3) Levels
0 Kelvin Cross Sections

80-Hg-199



10

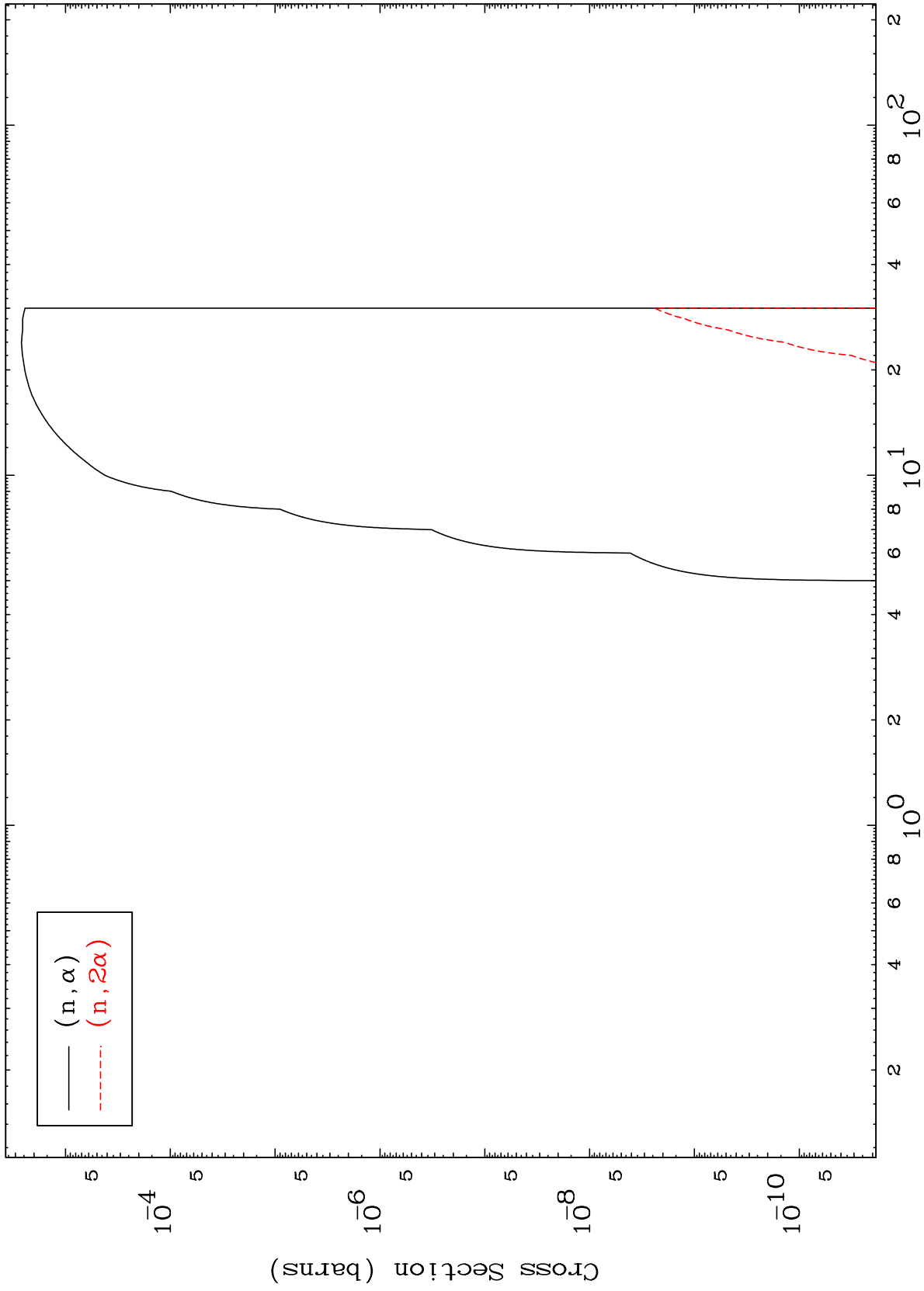
Incident Energy (MeV)

80-Hg-199

MAT 8034

(t, α) Levels
0 Kelvin Cross Sections

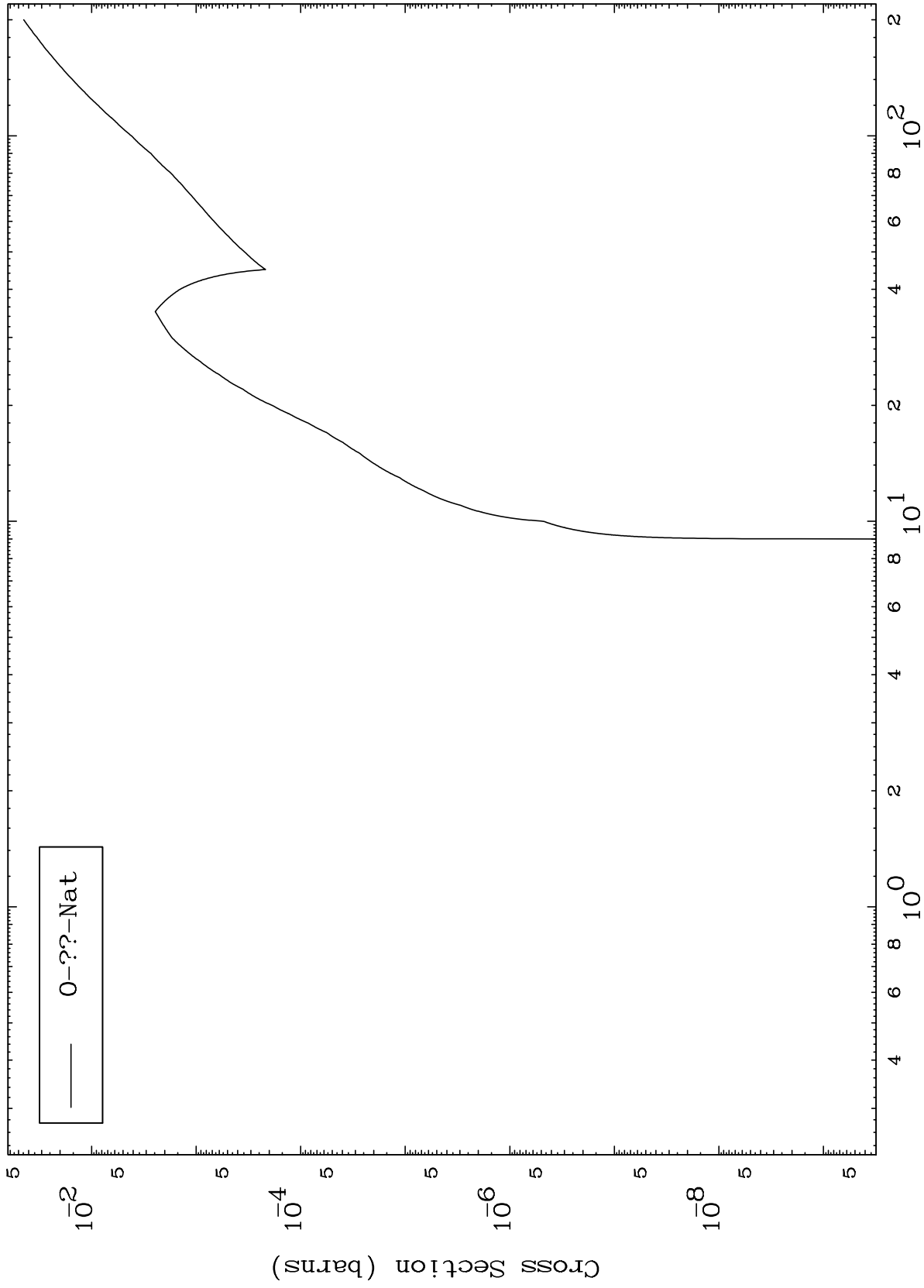
80-Hg-199



MAT 8034

Fission
Radionuclide Production Cross Section

80-Hg-199

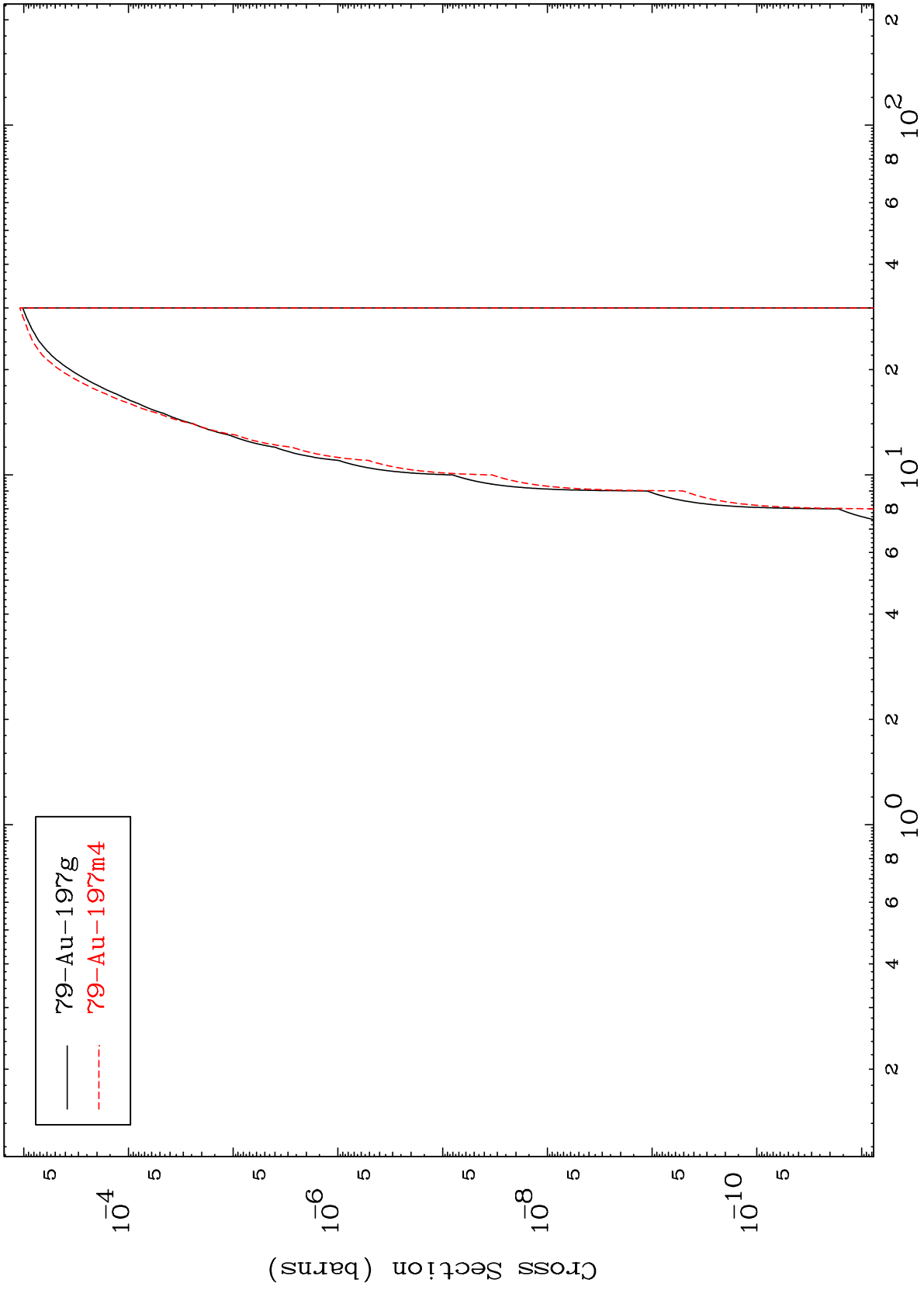


MAT 8034

(n,n') α

80-Hg-199

Radionuclide Production Cross Section



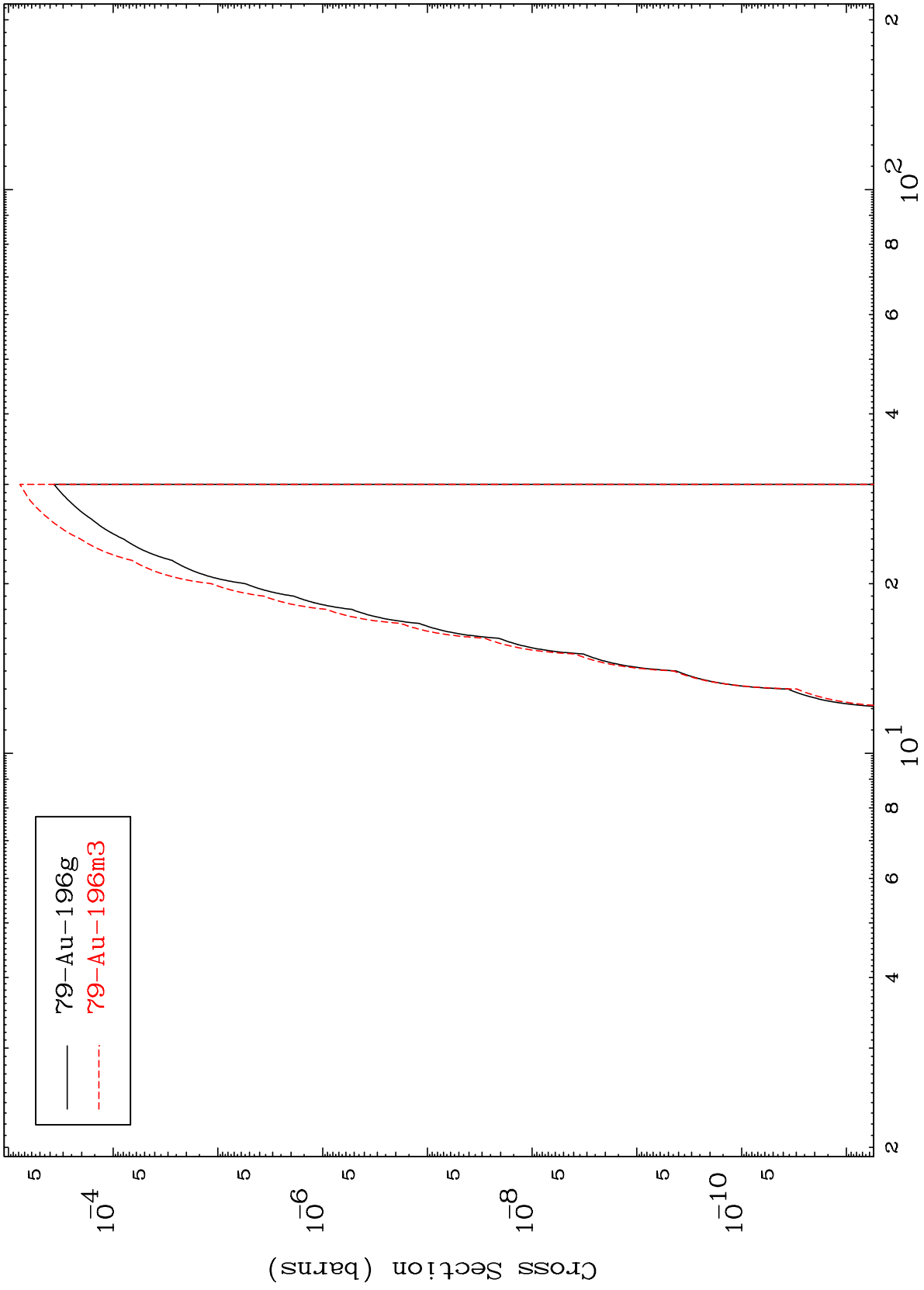
— $^{79}\text{Au-197g}$
- - - $^{79}\text{Au-197m4}$

MAT 8034

(n,2n) α

80-Hg-199

Radionuclide Production Cross Section



14

Incident Energy (MeV)

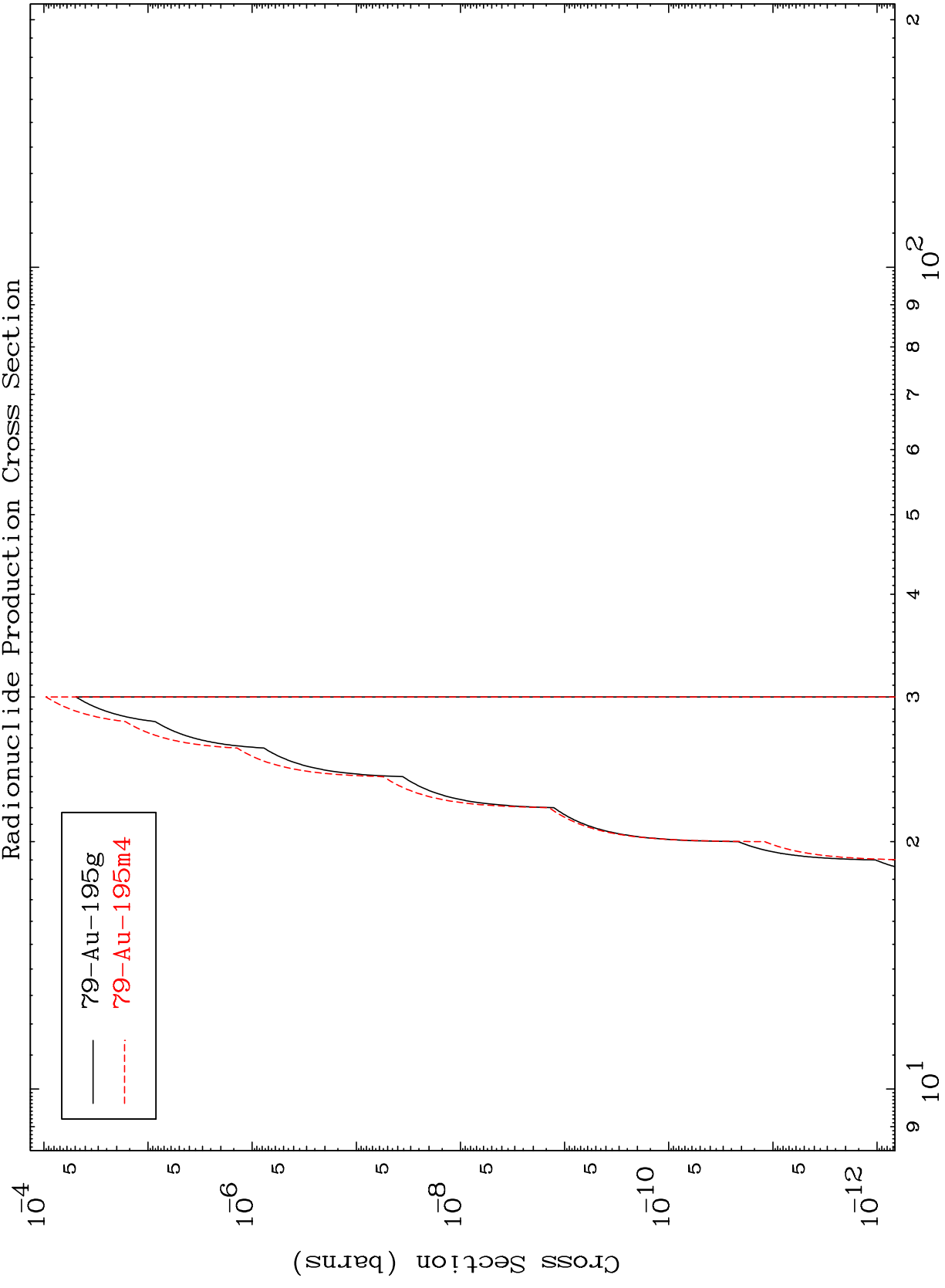
80-Hg-199

MAT 8034

(n,3n) α

80-Hg-199

Radionuclide Production Cross Section



15

Incident Energy (MeV)

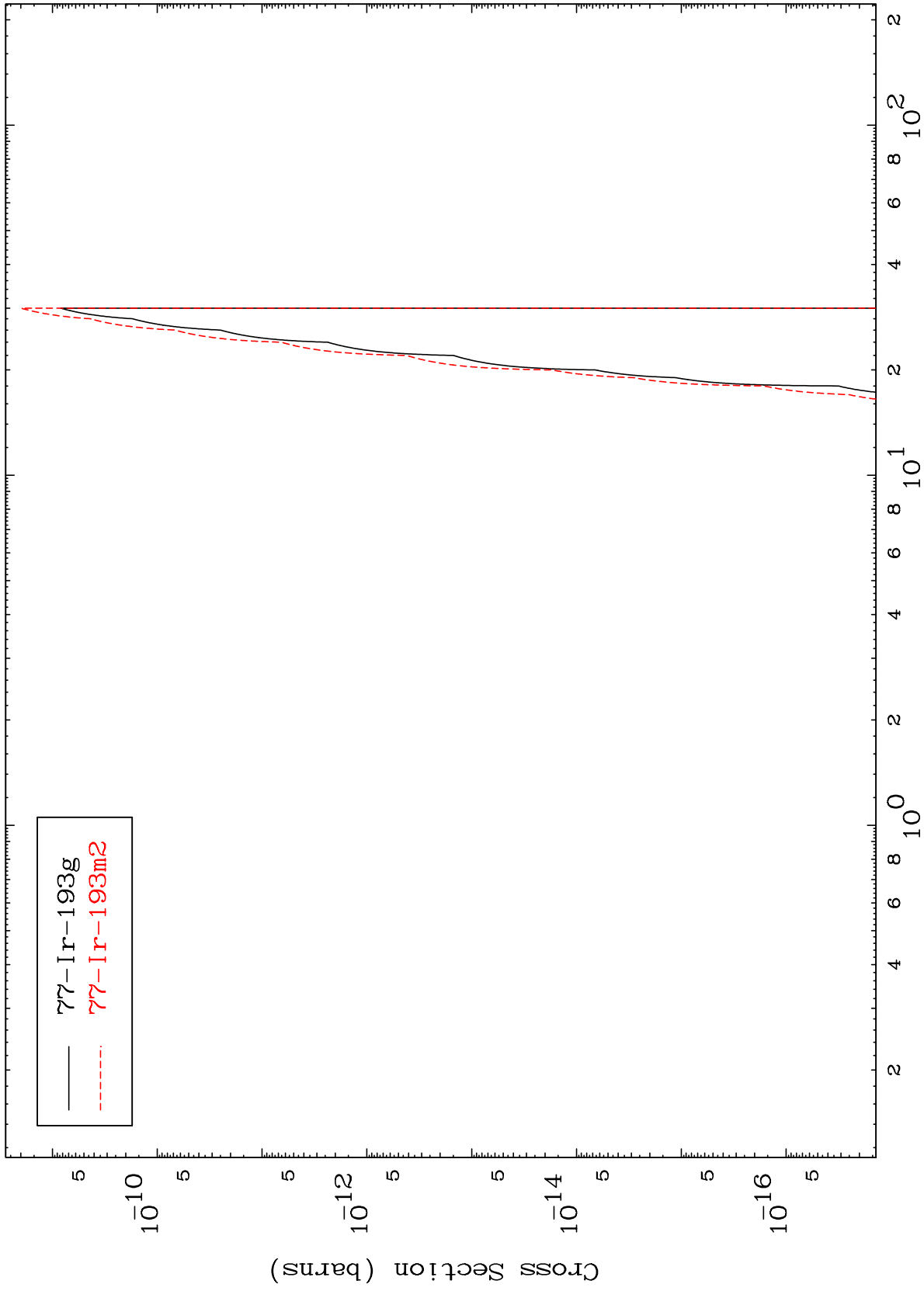
80-Hg-199

MAT 8034

(n,n') 2 α

80-Hg-199

Radionuclide Production Cross Section



77-Ir-193g
77-Ir-193m2

16

Incident Energy (MeV)

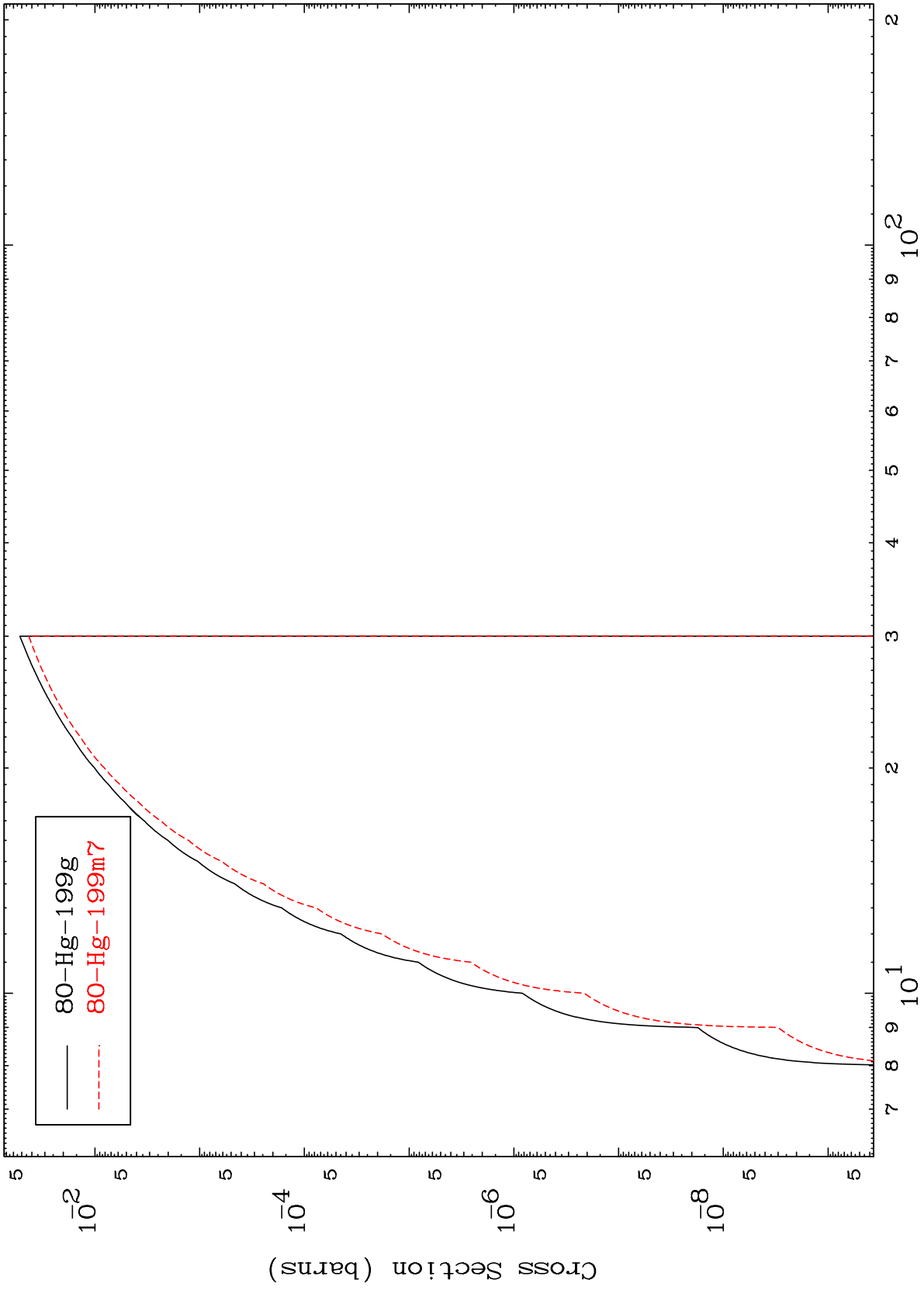
80-Hg-199

MAT 8034

(n,n') d

80-Hg-199

Radionuclide Production Cross Section



17

80-Hg-199

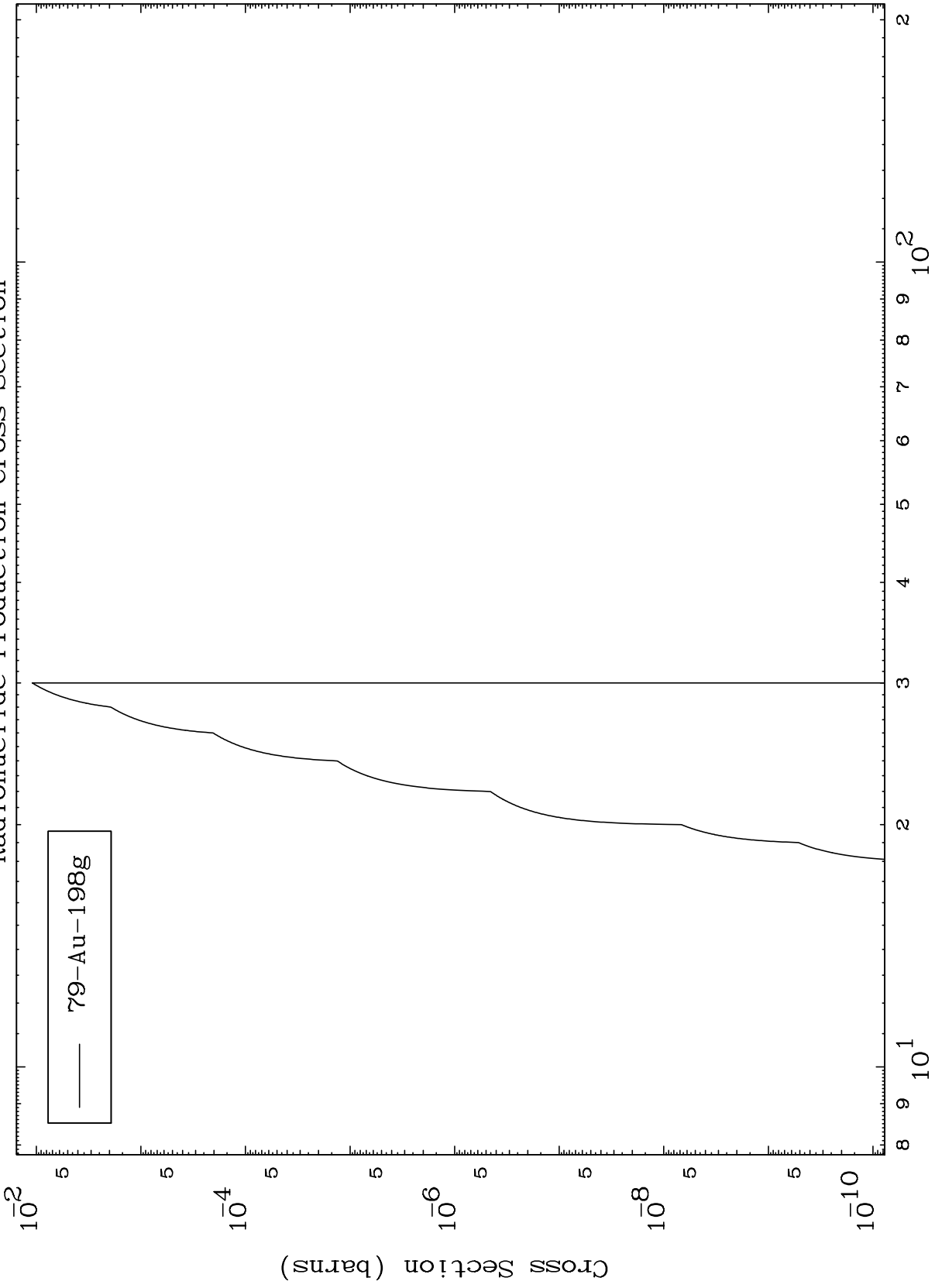
80-Hg-199

MAT 8034

(n, n') He-3

80-Hg-199

Radionuclide Production Cross Section



18

Incident Energy (MeV)

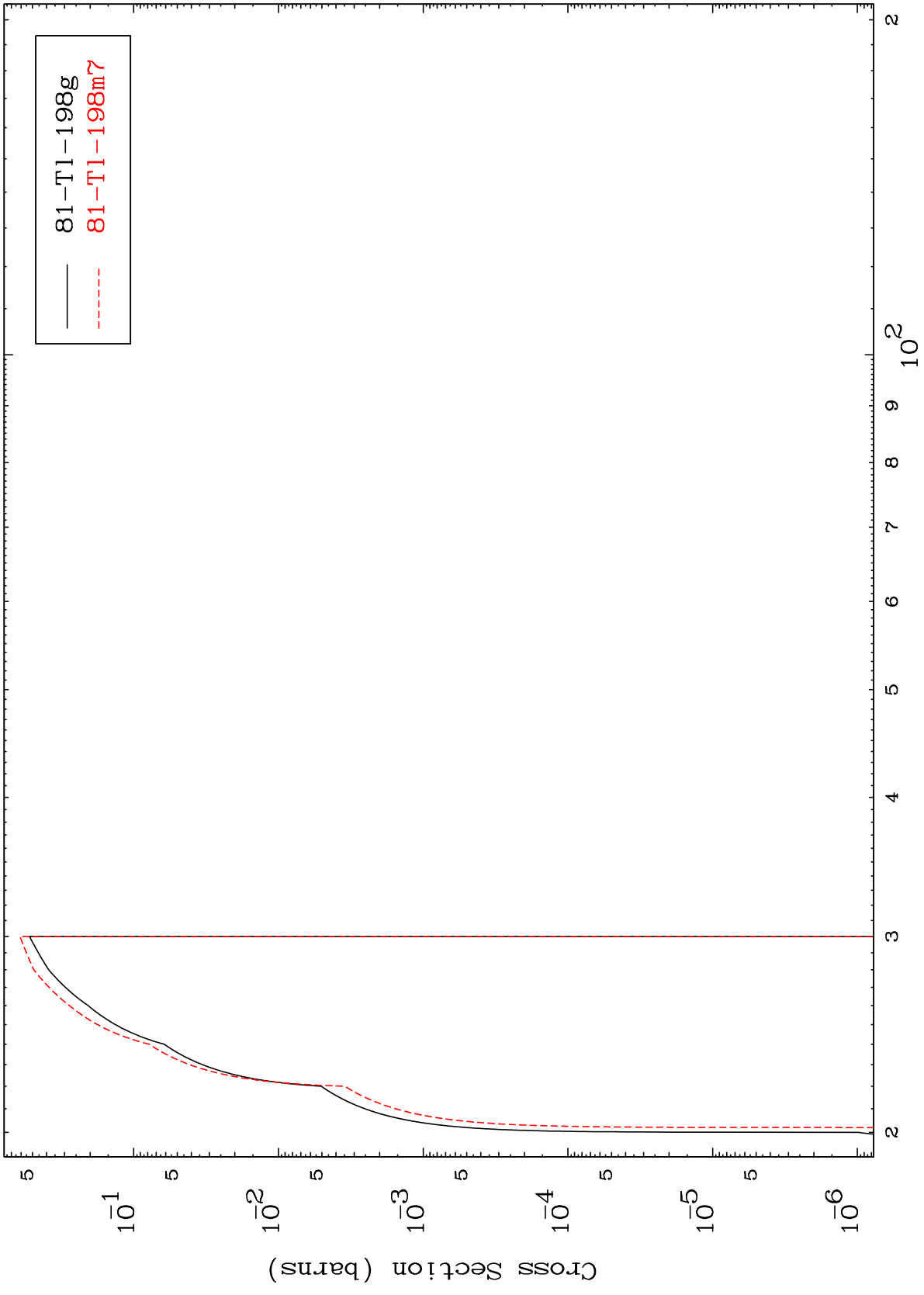
80-Hg-199

MAT 8034

(n,4n)

80-Hg-199

Radionuclide Production Cross Section



19

Incident Energy (MeV)

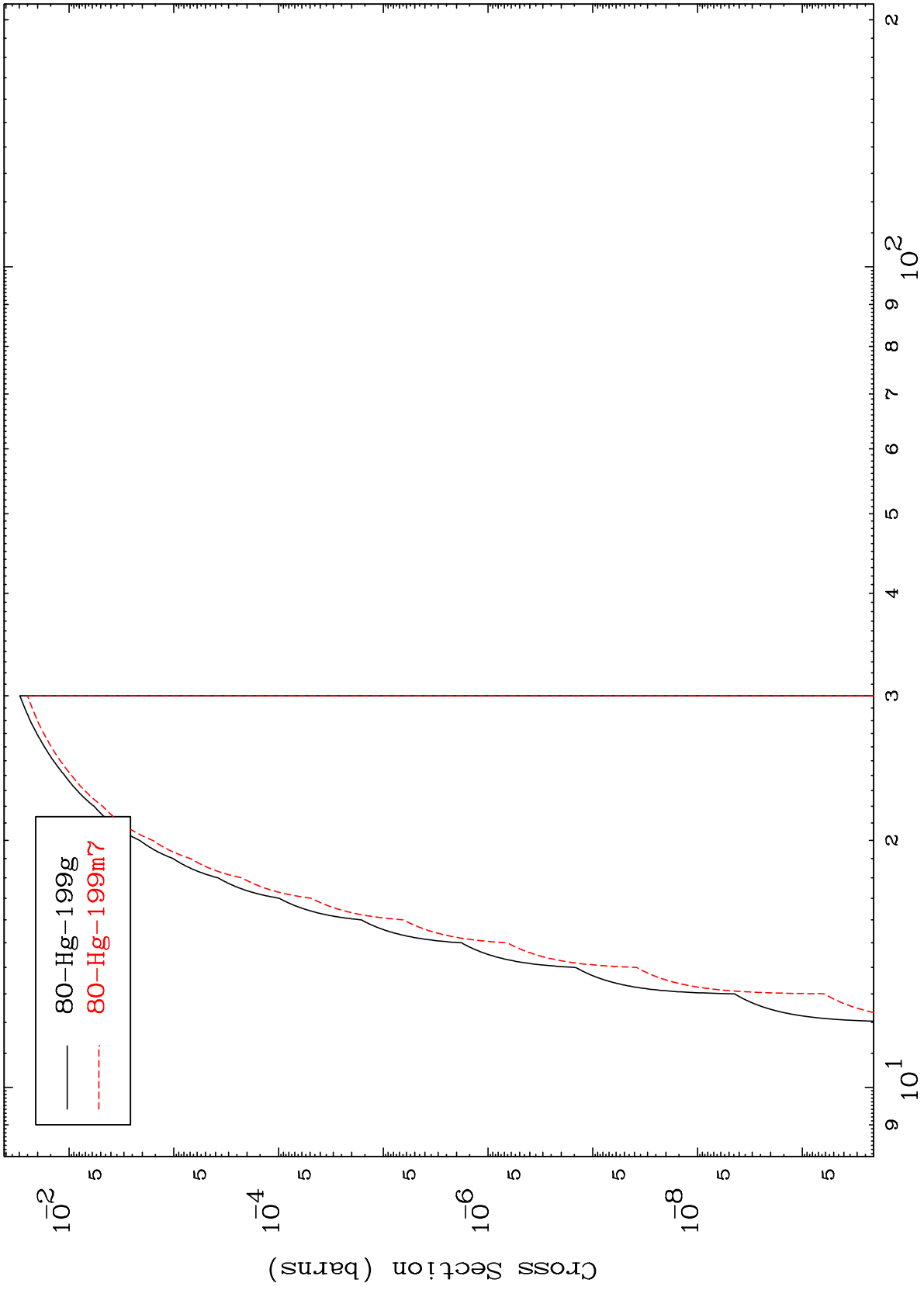
80-Hg-199

MAT 8034

(n,2n) p

80-Hg-199

Radionuclide Production Cross Section



20

Incident Energy (MeV)

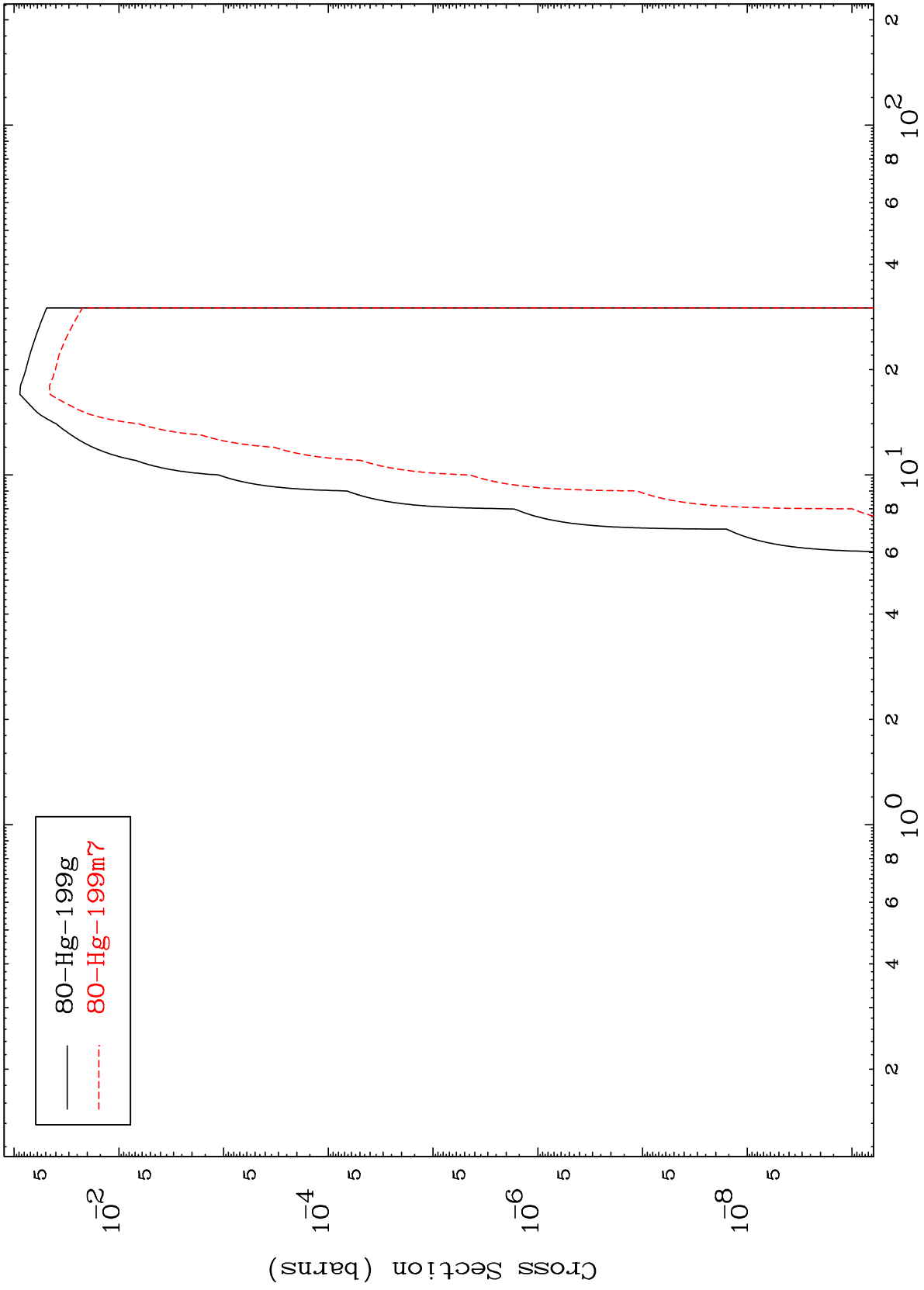
80-Hg-199

MAT 8034

(n, t)

80-Hg-199

Radionuclide Production Cross Section



21

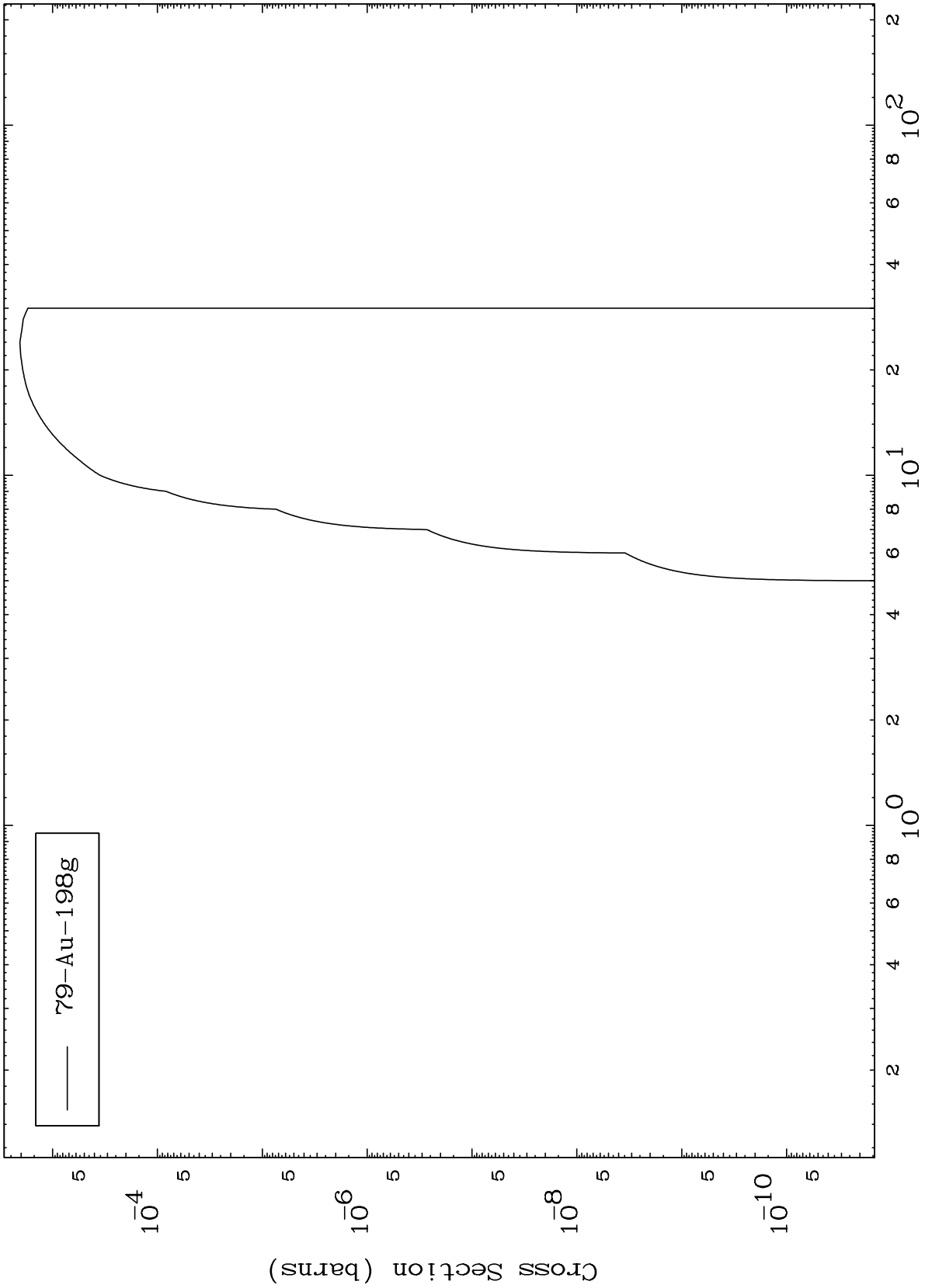
Incident Energy (MeV)

80-Hg-199

MAT 8034

80-Hg-199

(n, α)
Radionuclide Production Cross Section



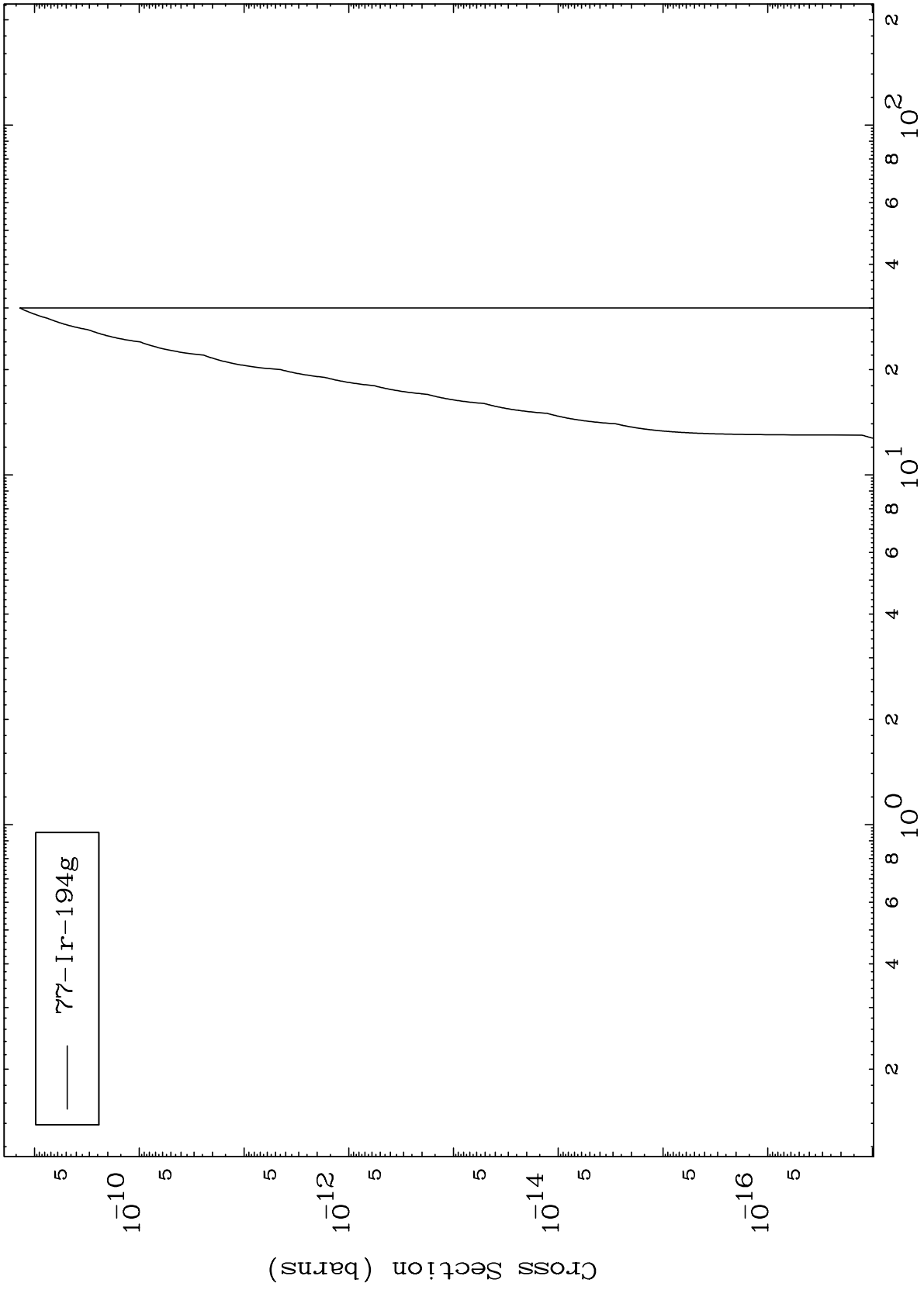
80-Hg-199

MAT 8034

(n,2α)

80-Hg-199

Radionuclide Production Cross Section



23

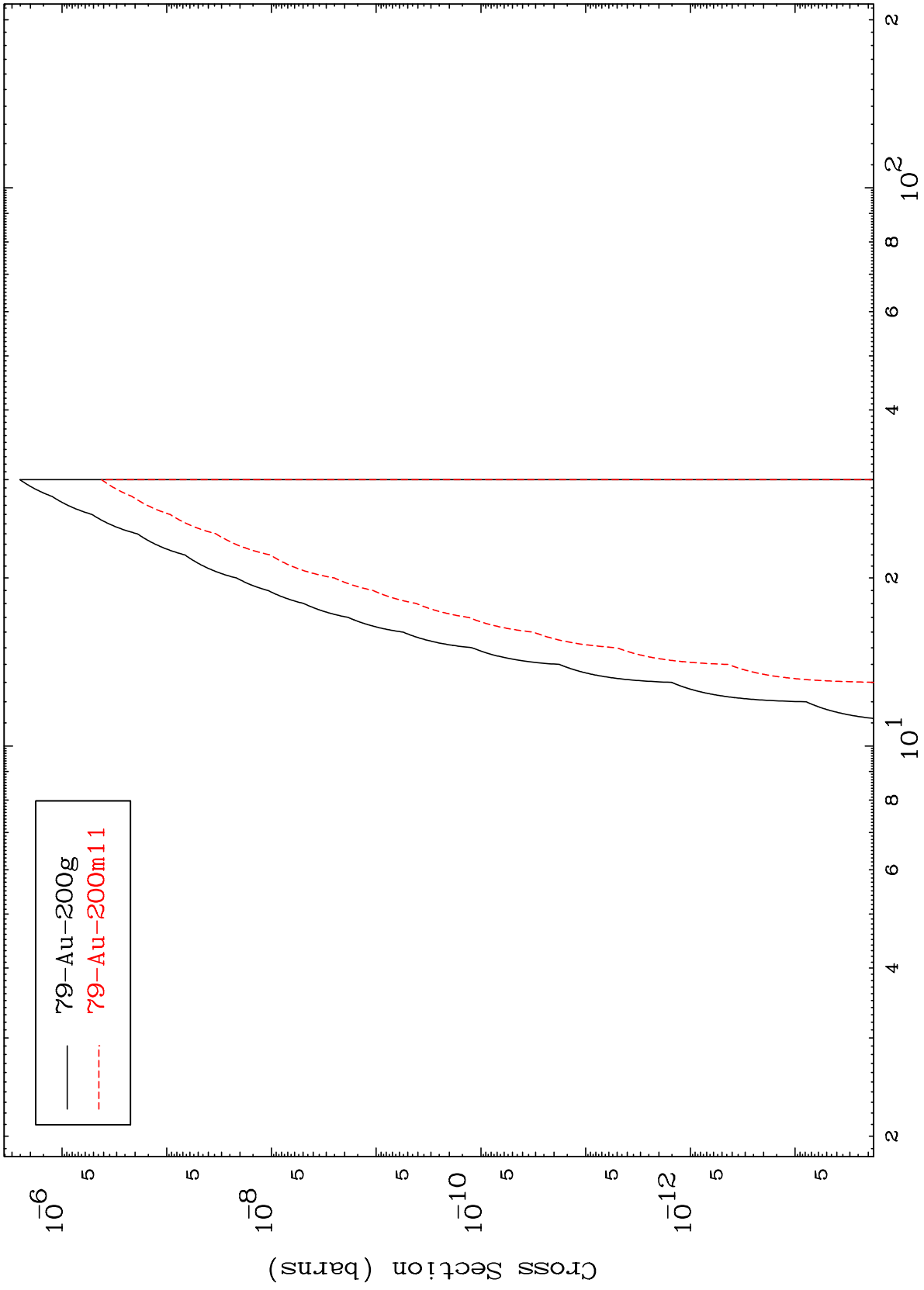
Incident Energy (MeV)

80-Hg-199

MAT 8034

(n,2p)
Radionuclide Production Cross Section

80-Hg-199



24

Incident Energy (MeV)

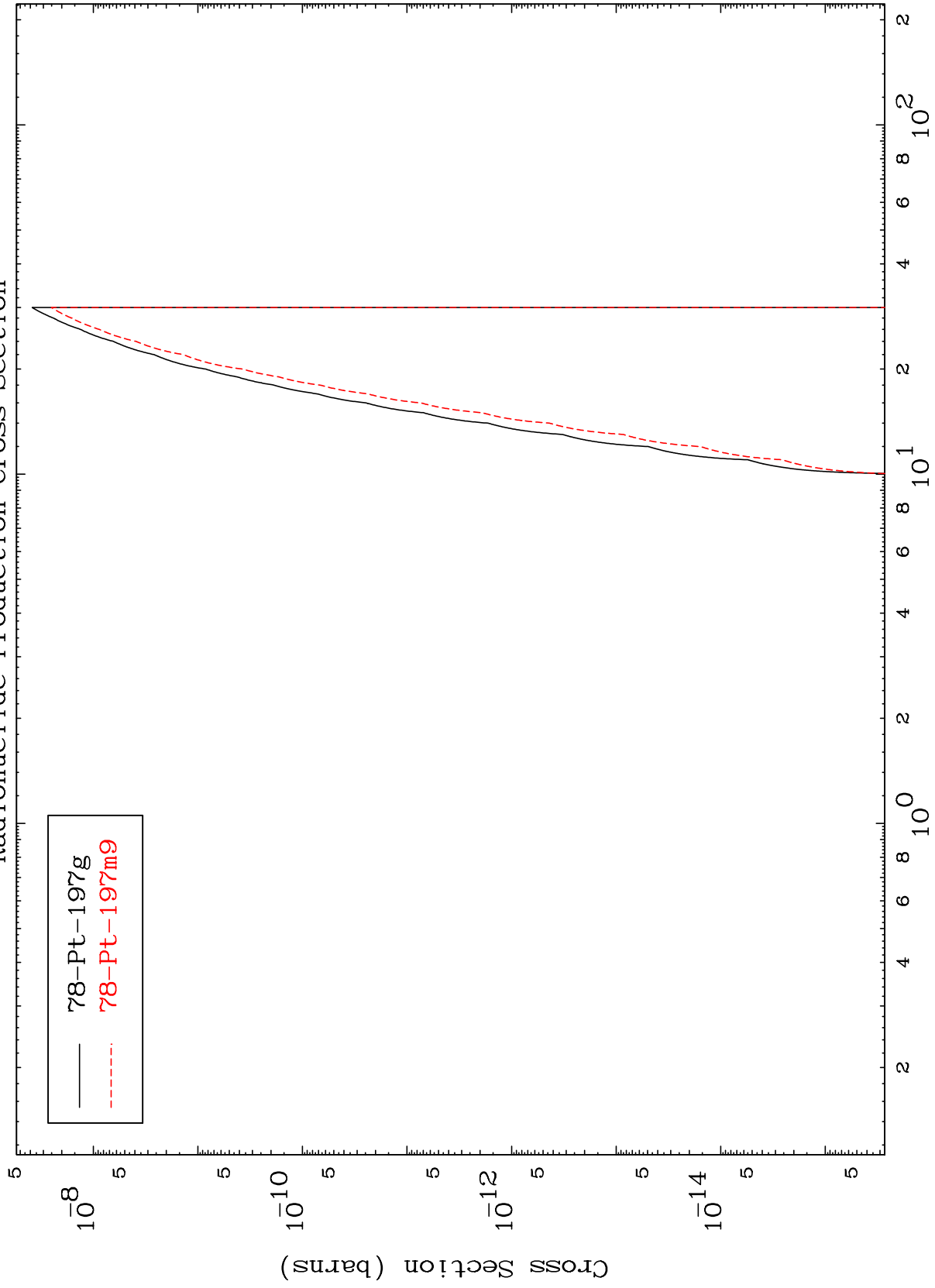
80-Hg-199

MAT 8034

(n,p) α

80-Hg-199

Radionuclide Production Cross Section



25

Incident Energy (MeV)

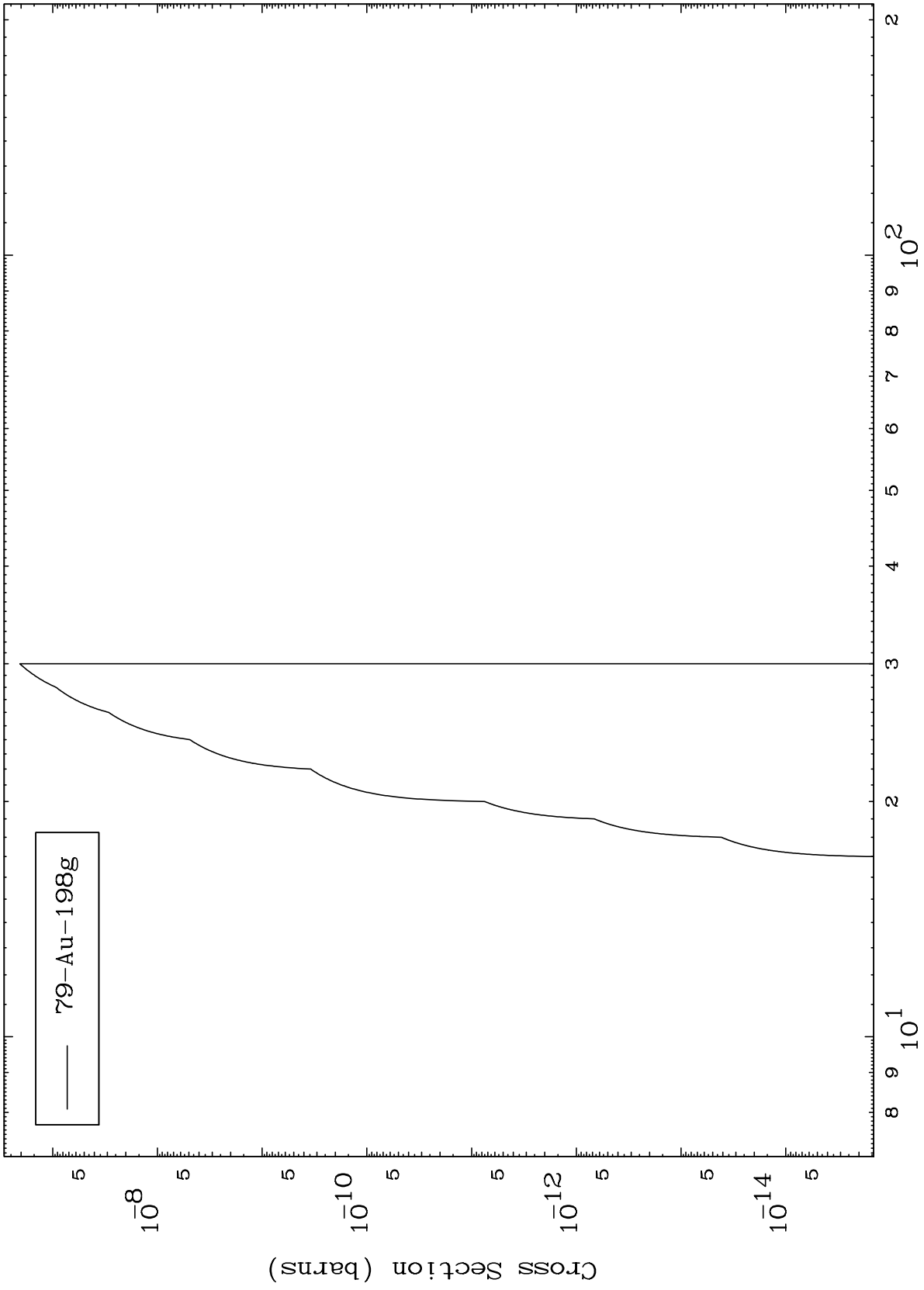
80-Hg-199

MAT 8034

(n,p) t

80-Hg-199

Radionuclide Production Cross Section



79-Au-198g