

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

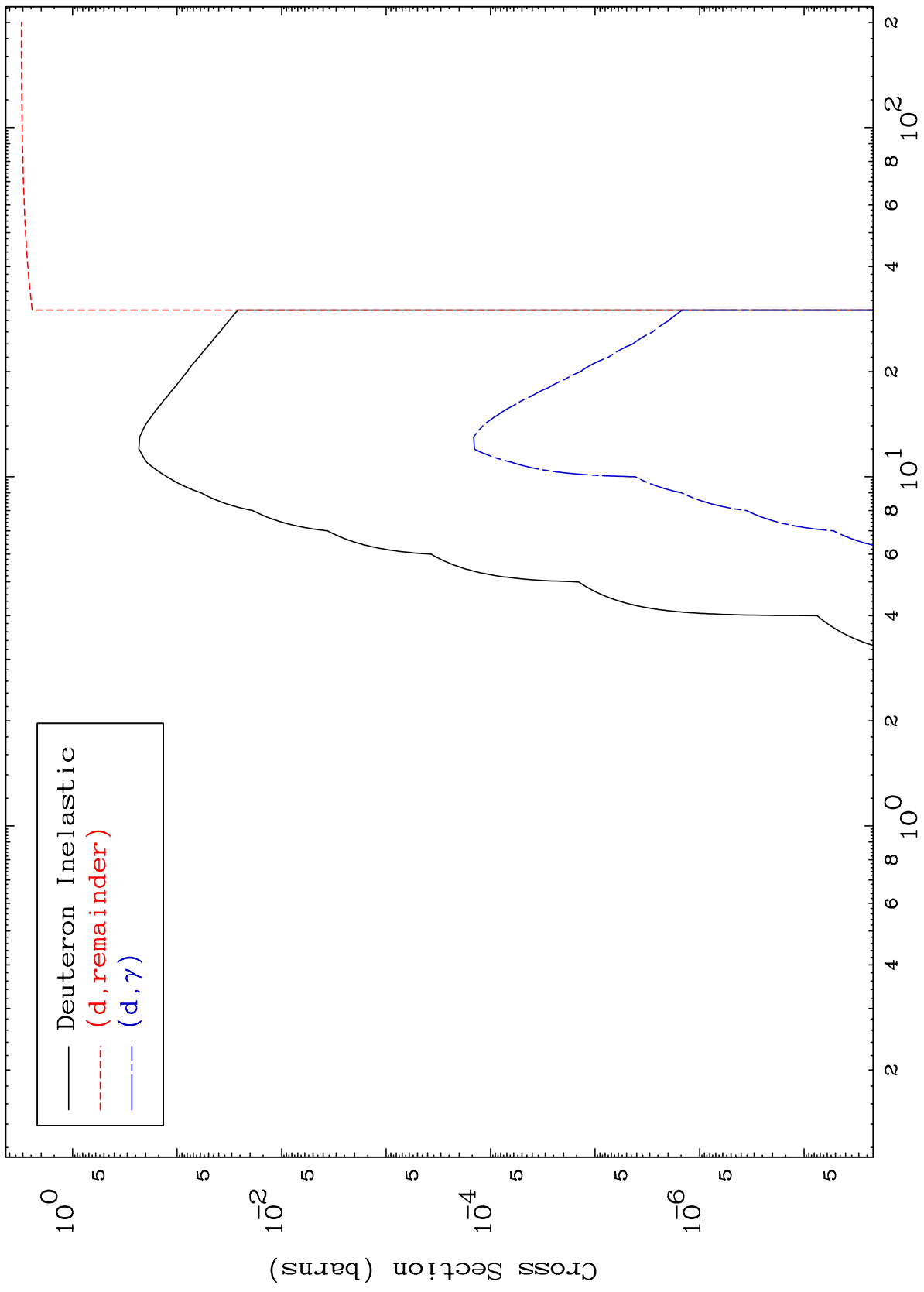
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8017

Deuteron Major
0 Kelvin Cross Sections

80-Hg-193



— Deuteron Inelastic
- - - (d, remainder)
- . - (d, γ)

80-Hg-193

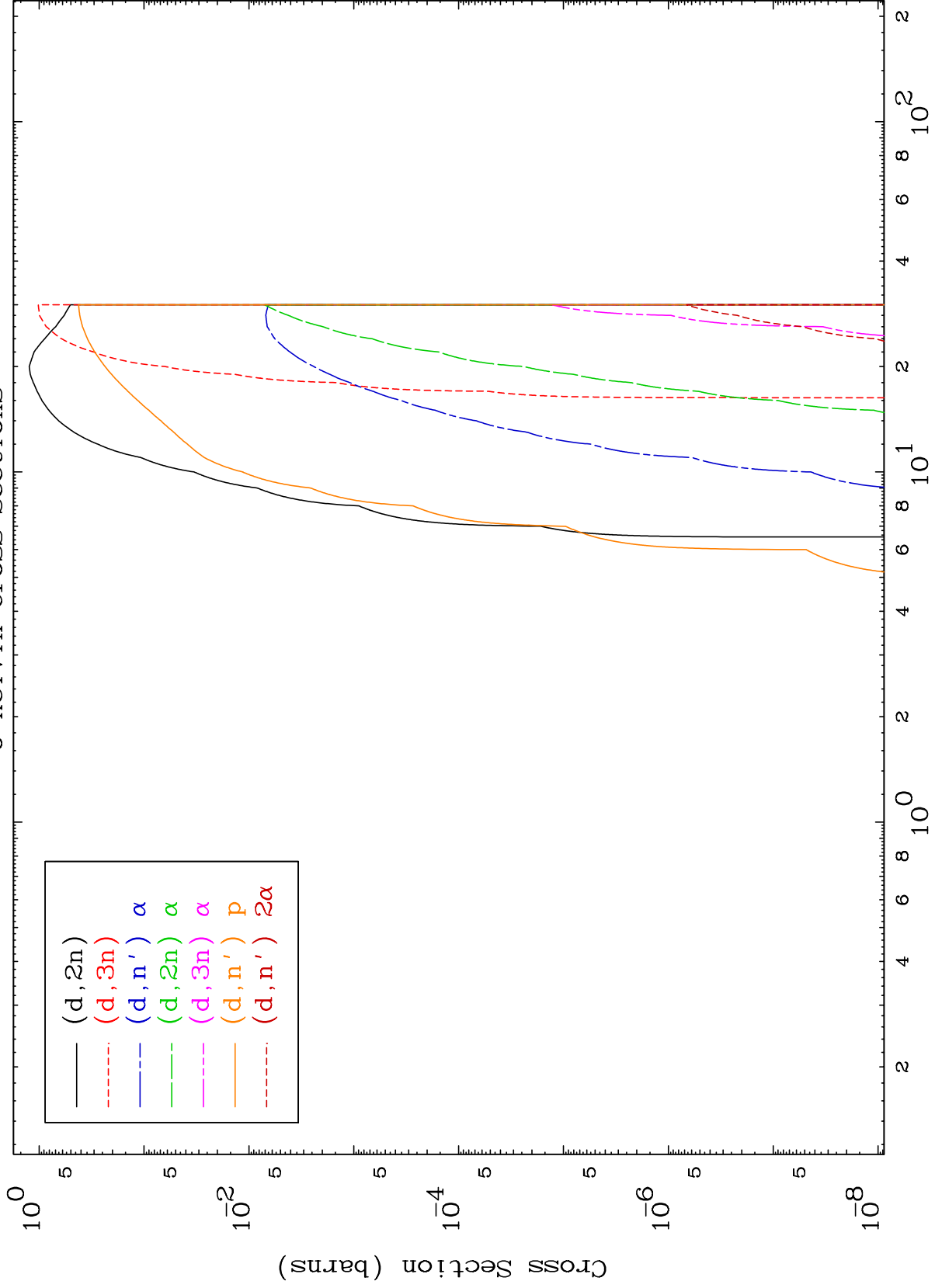
Incident Energy (MeV)

1

MAT 8017

Deuteron Neutron Production
0 Kelvin Cross Sections

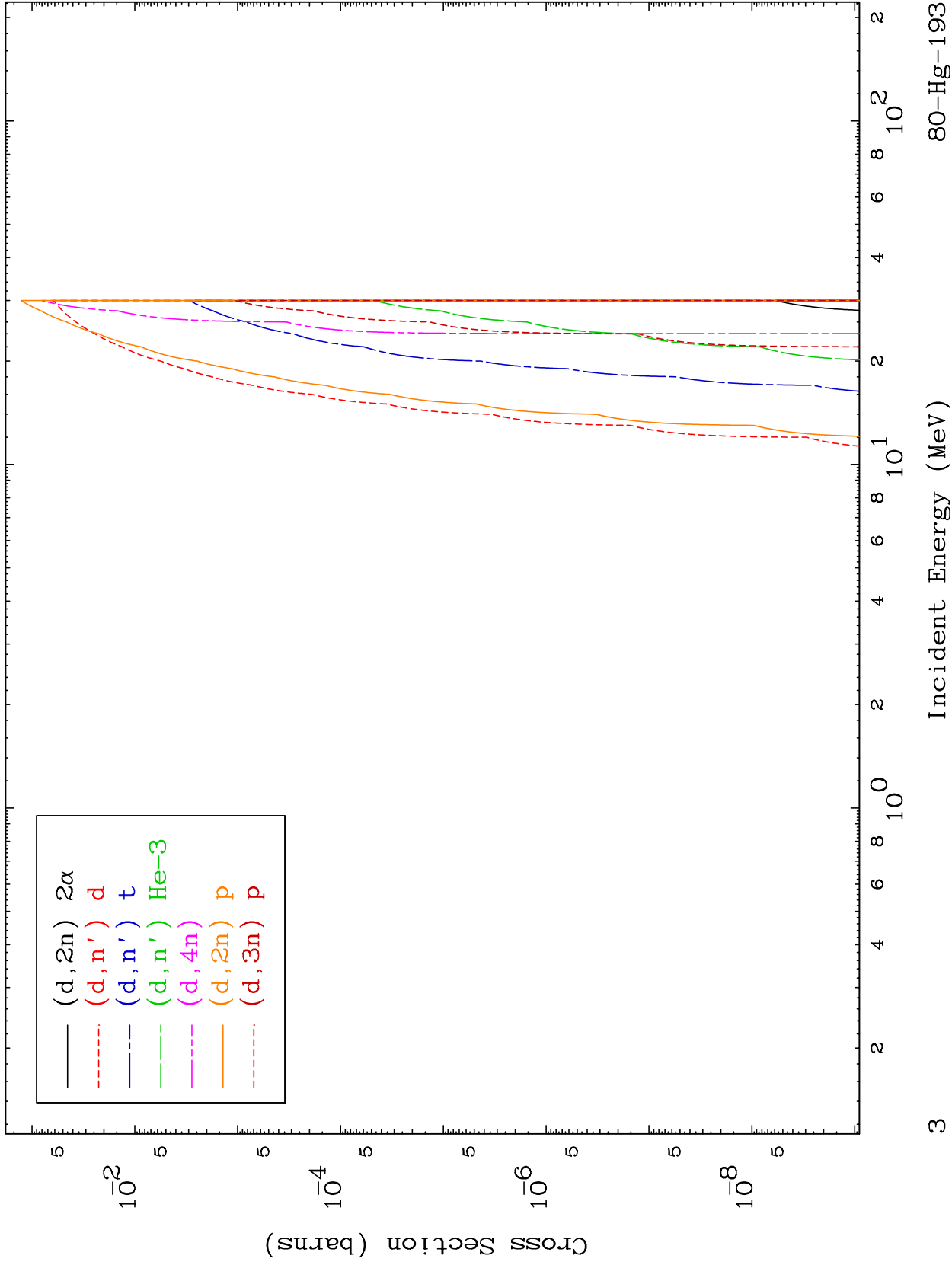
80-Hg-193



MAT 8017

Deuteron Neutron Production
0 Kelvin Cross Sections

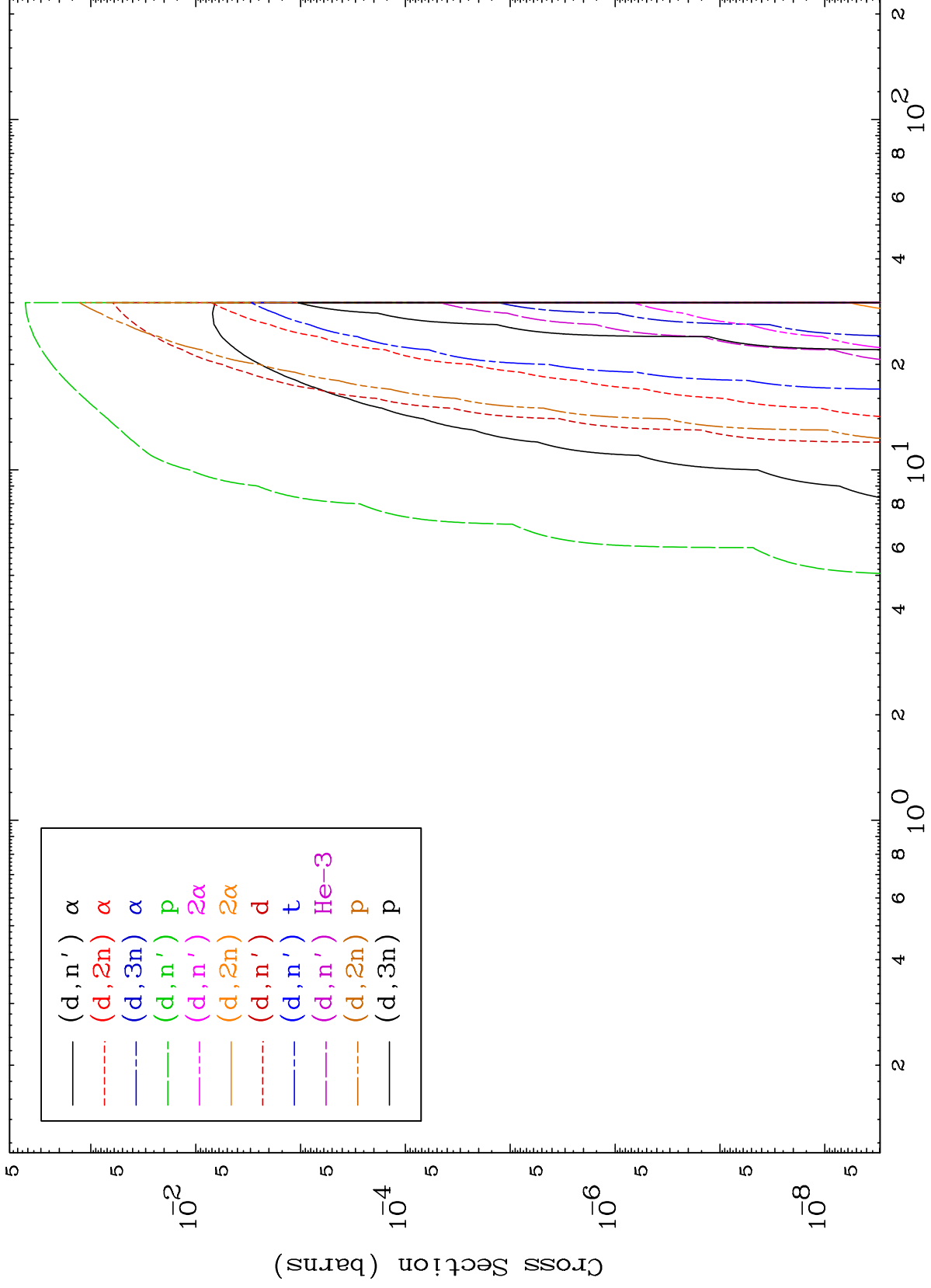
80-Hg-193

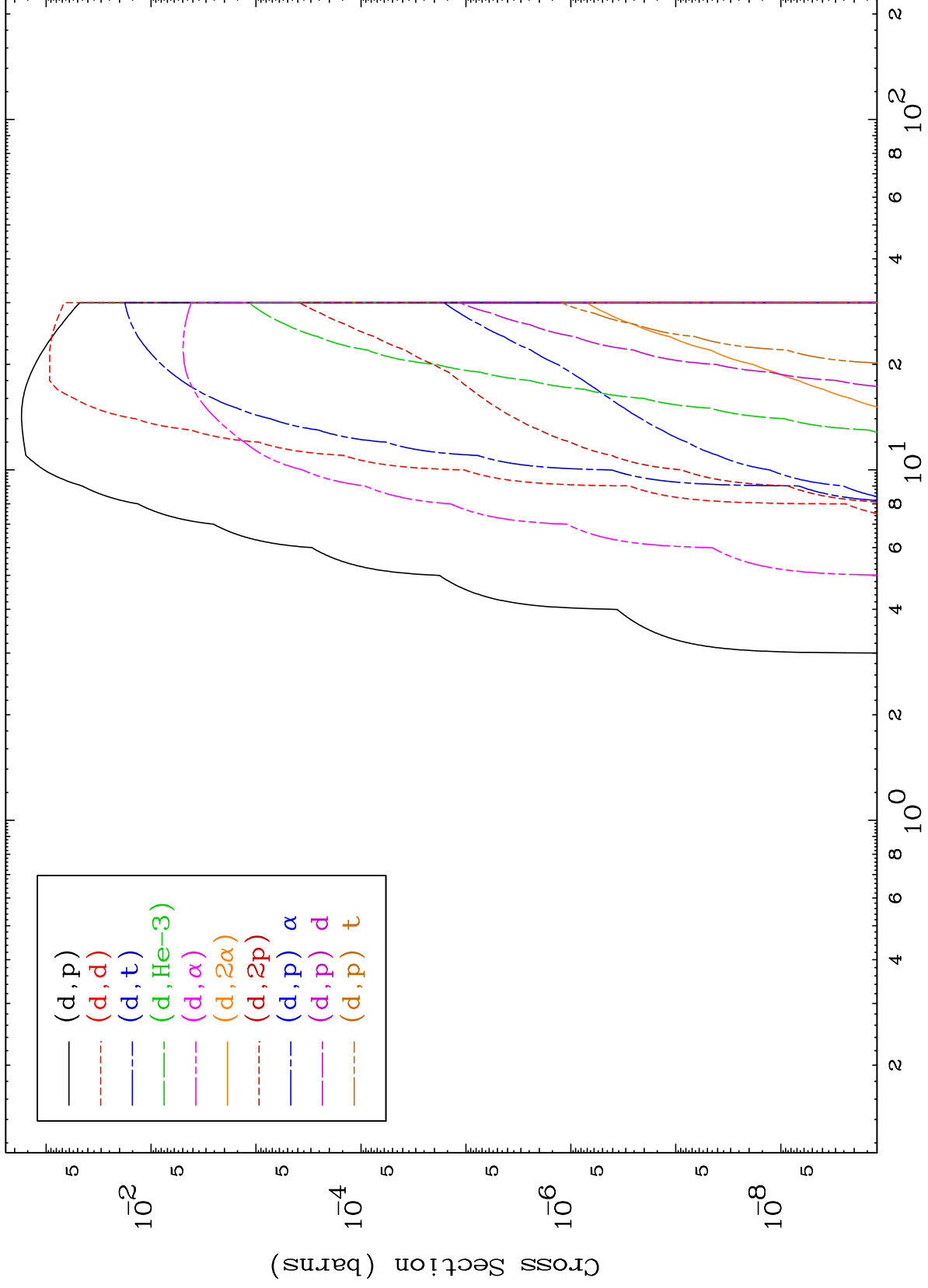


MAT 8017

Deuteron Charged Particle
0 Kelvin Cross Sections

80-Hg-193



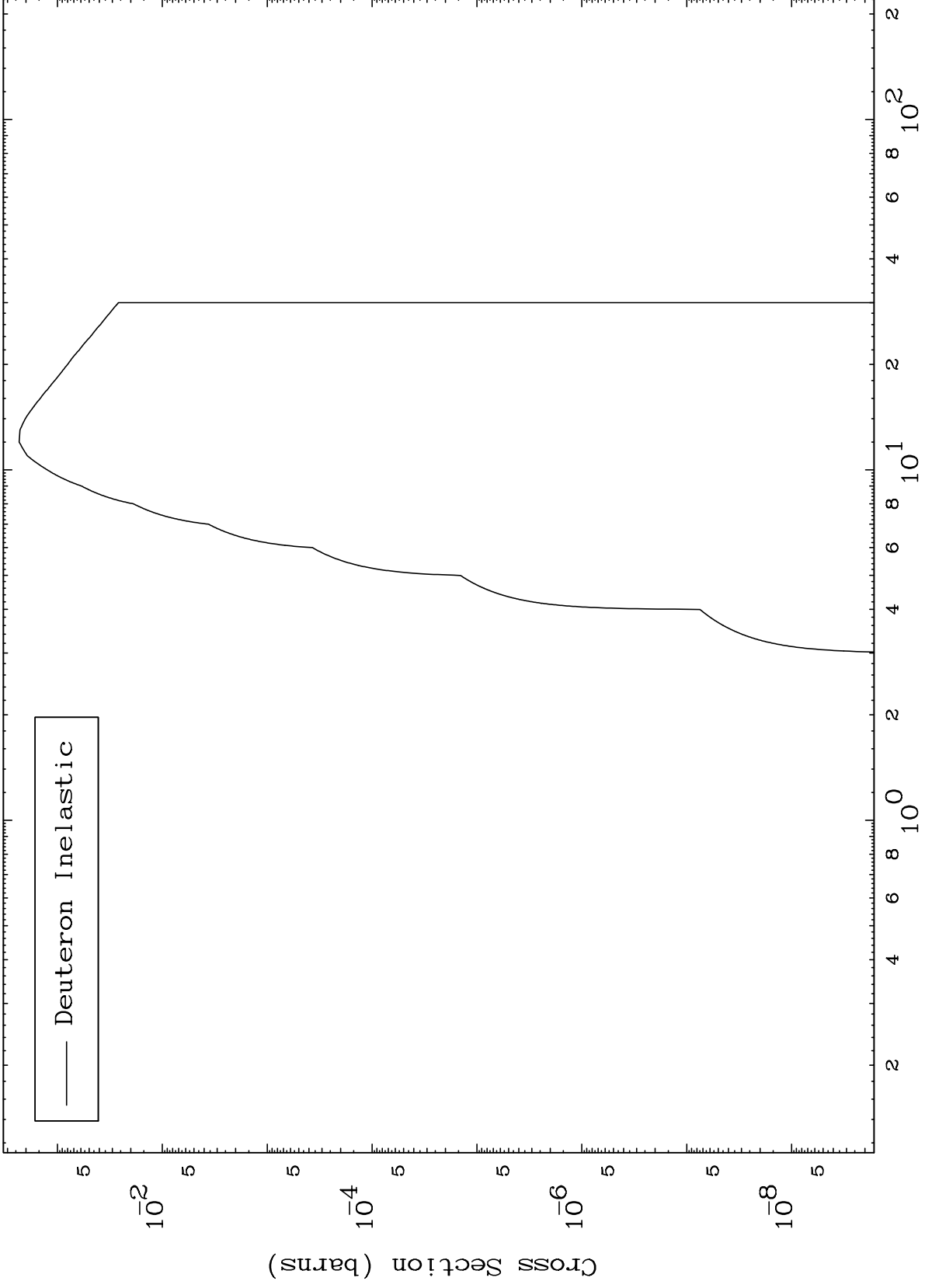


MAT 8017

(d,n') Level

80-Hg-193

0 Kelvin Cross Sections



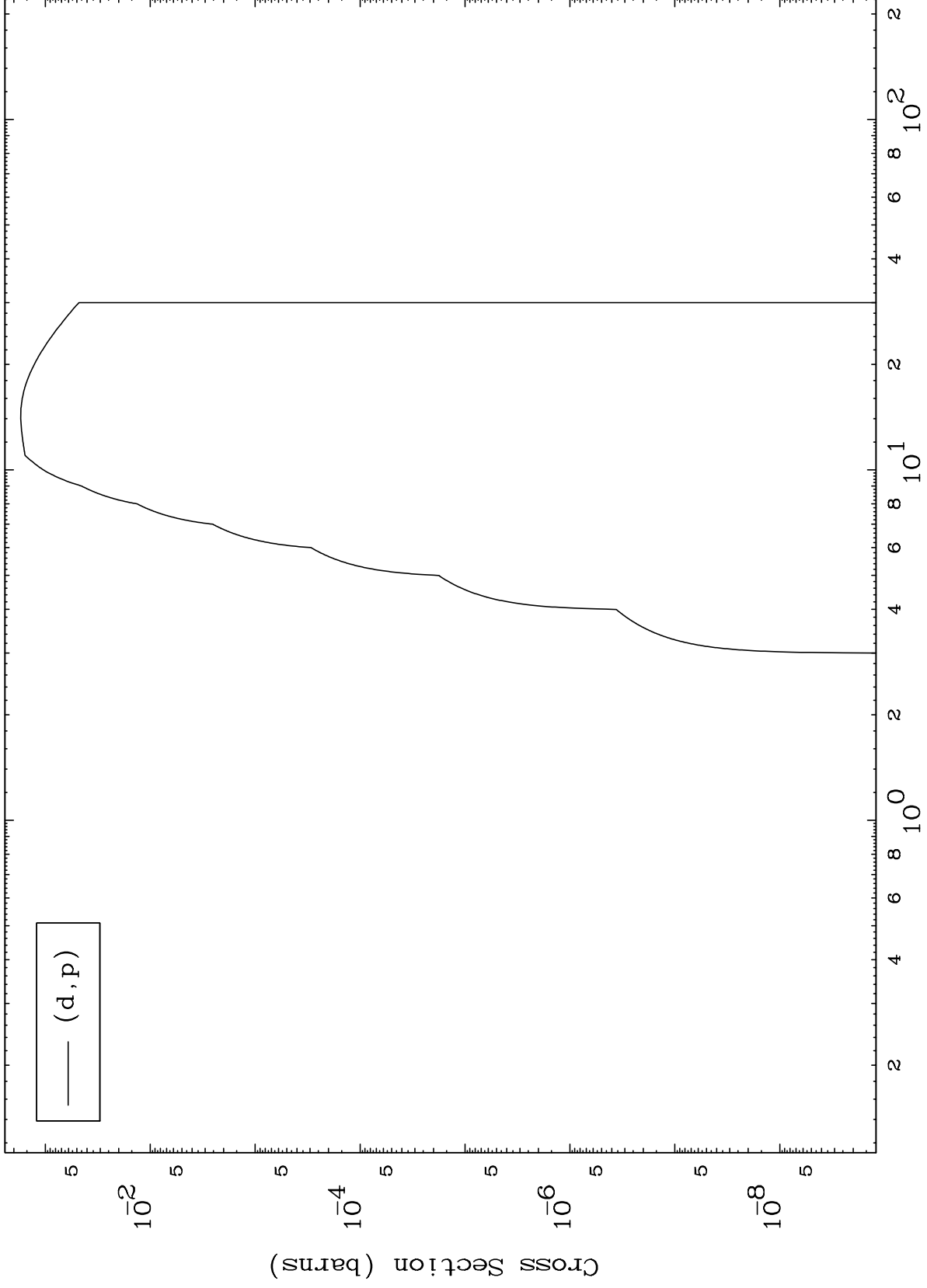
— Deuteron Inelastic

MAT 8017

(d,p) Levels

80-Hg-193

0 Kelvin Cross Sections

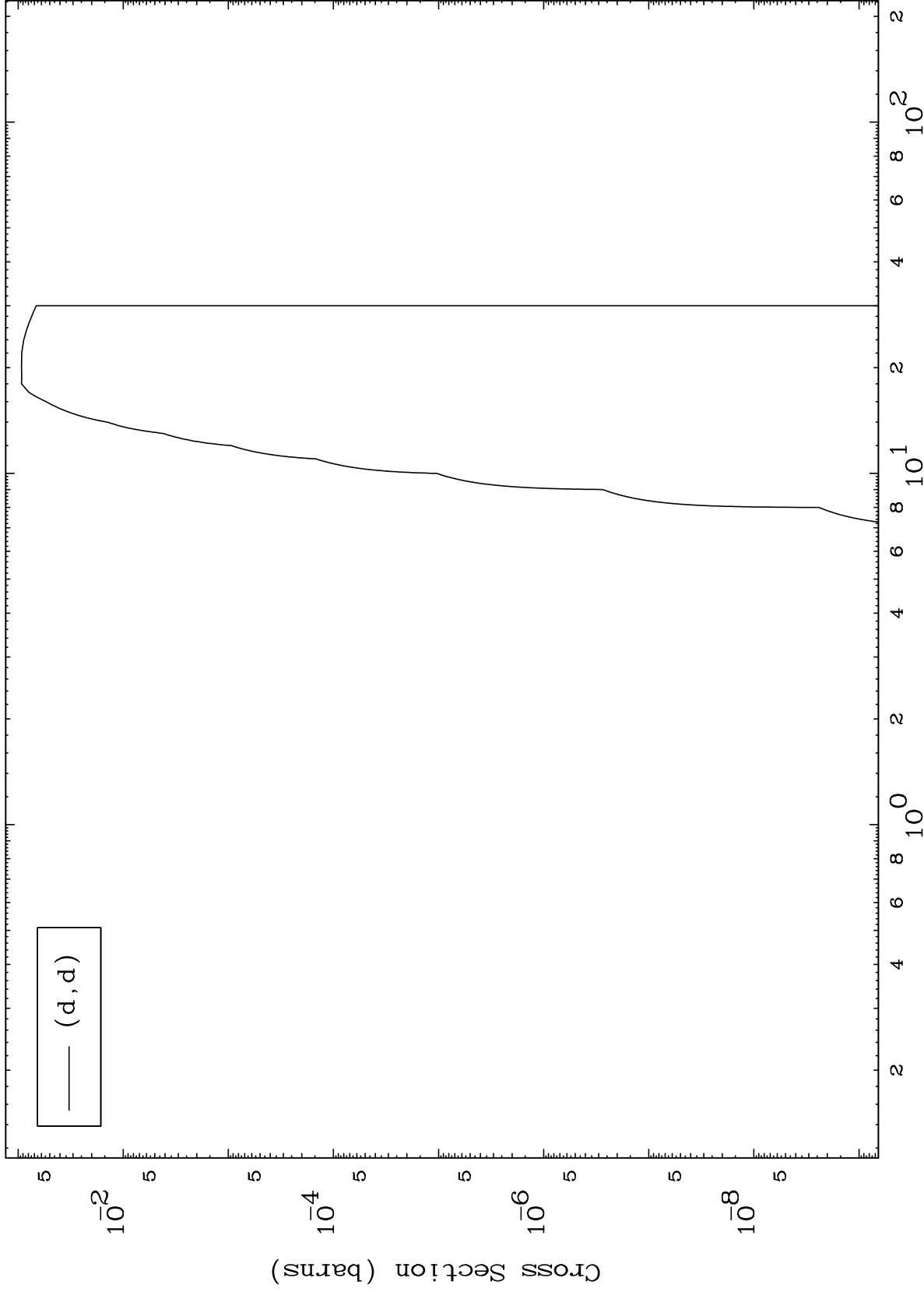


MAT 8017

(d,d) Levels

80-Hg-193

0 Kelvin Cross Sections

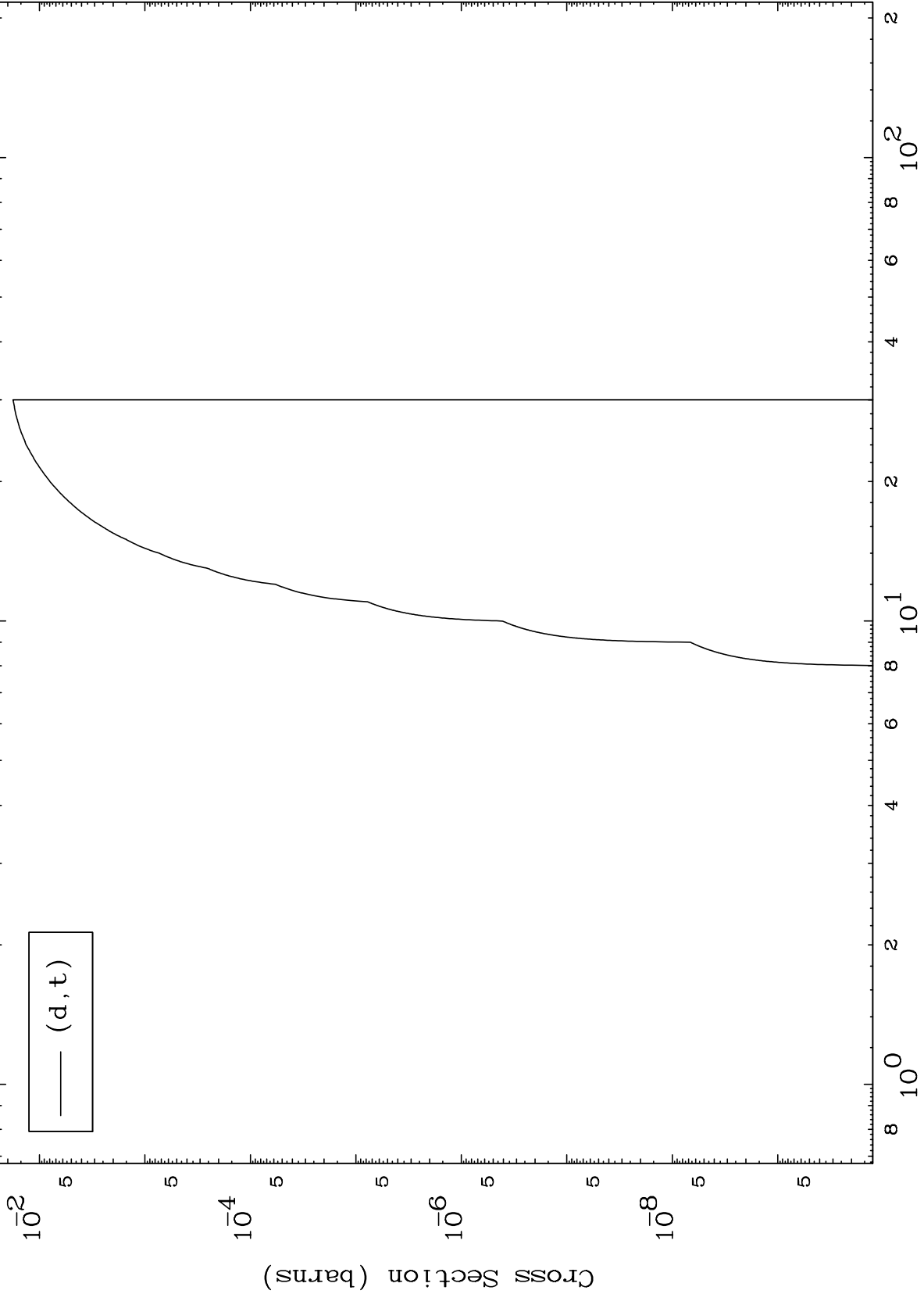


MAT 8017

(d,t) Levels

80-Hg-193

0 Kelvin Cross Sections



9

Incident Energy (MeV)

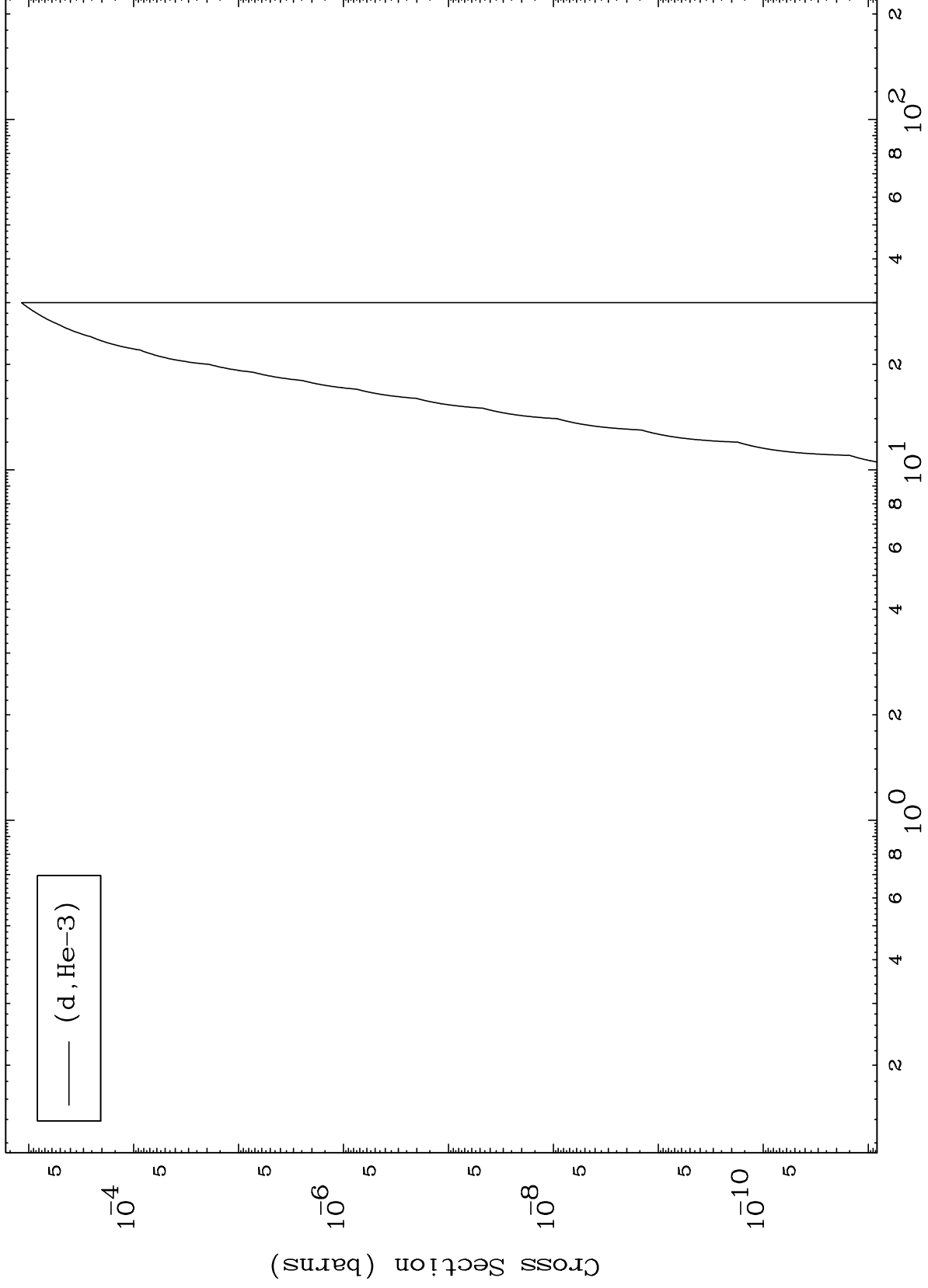
80-Hg-193

MAT 8017

(d,He3) Levels

80-Hg-193

0 Kelvin Cross Sections



10

Incident Energy (MeV)

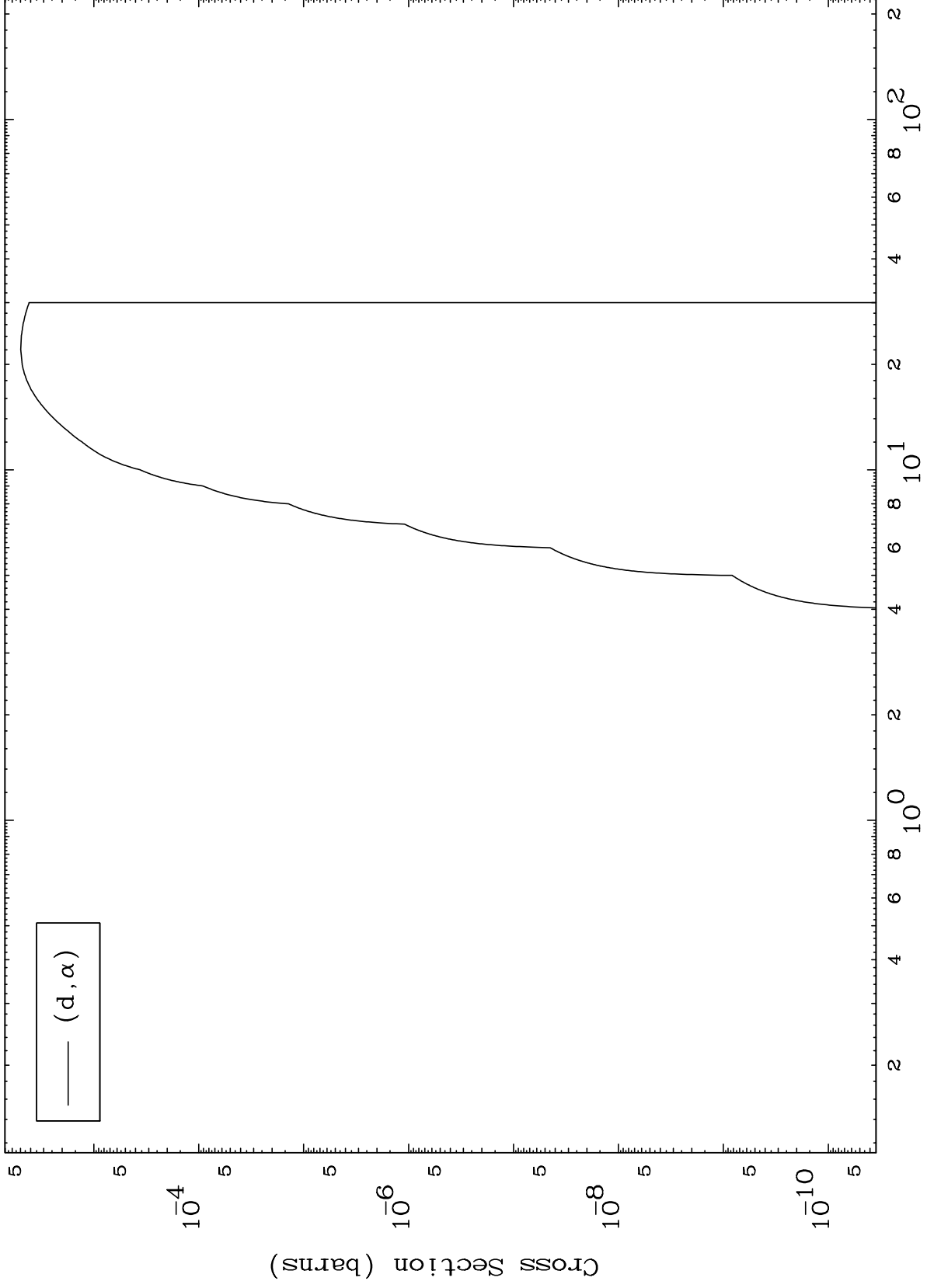
80-Hg-193

MAT 8017

(d, α) Levels

80-Hg-193

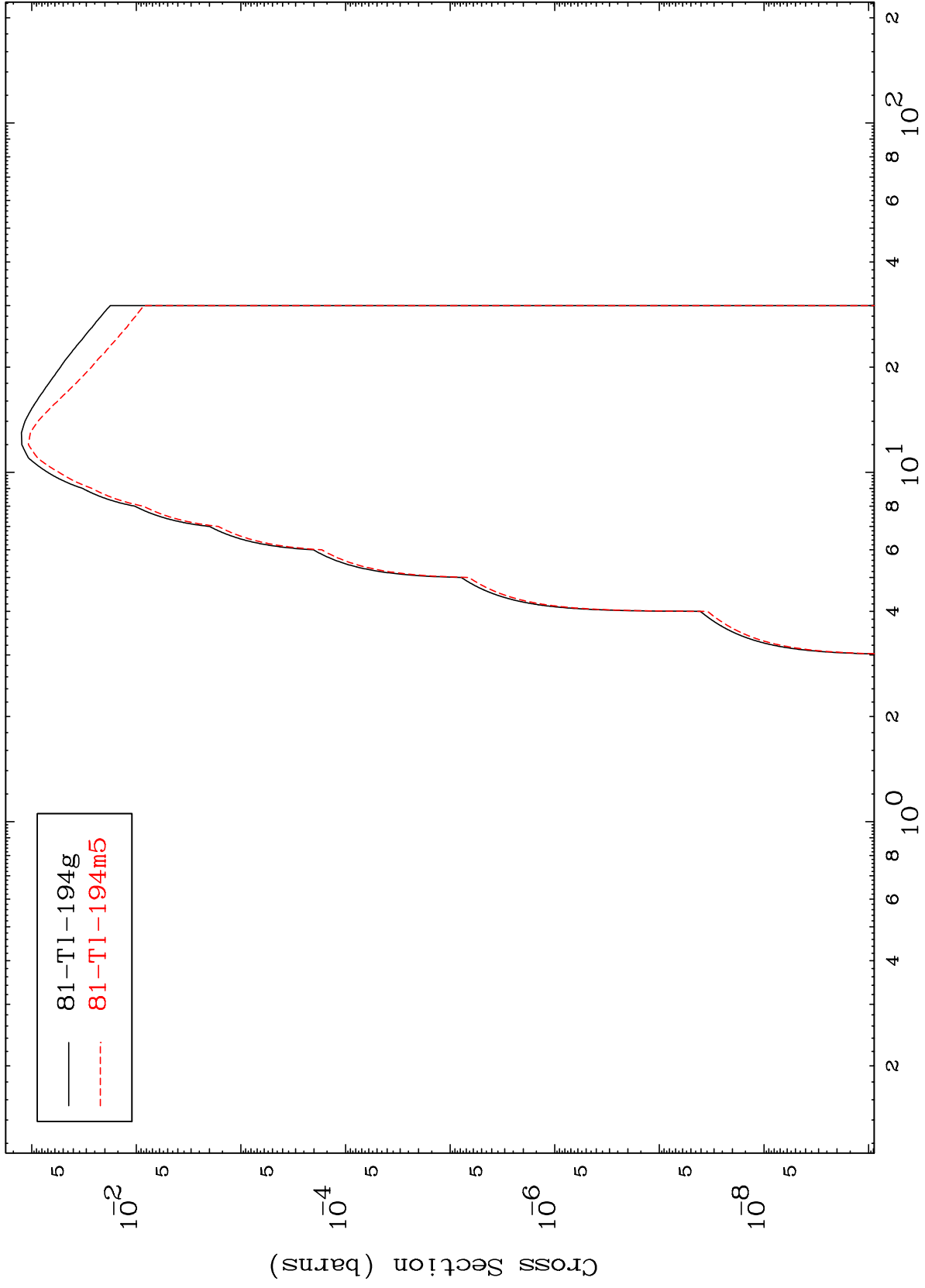
0 Kelvin Cross Sections



MAT 8017

Radionuclide Production Cross Section
Deuteron Inelastic

80-Hg-193

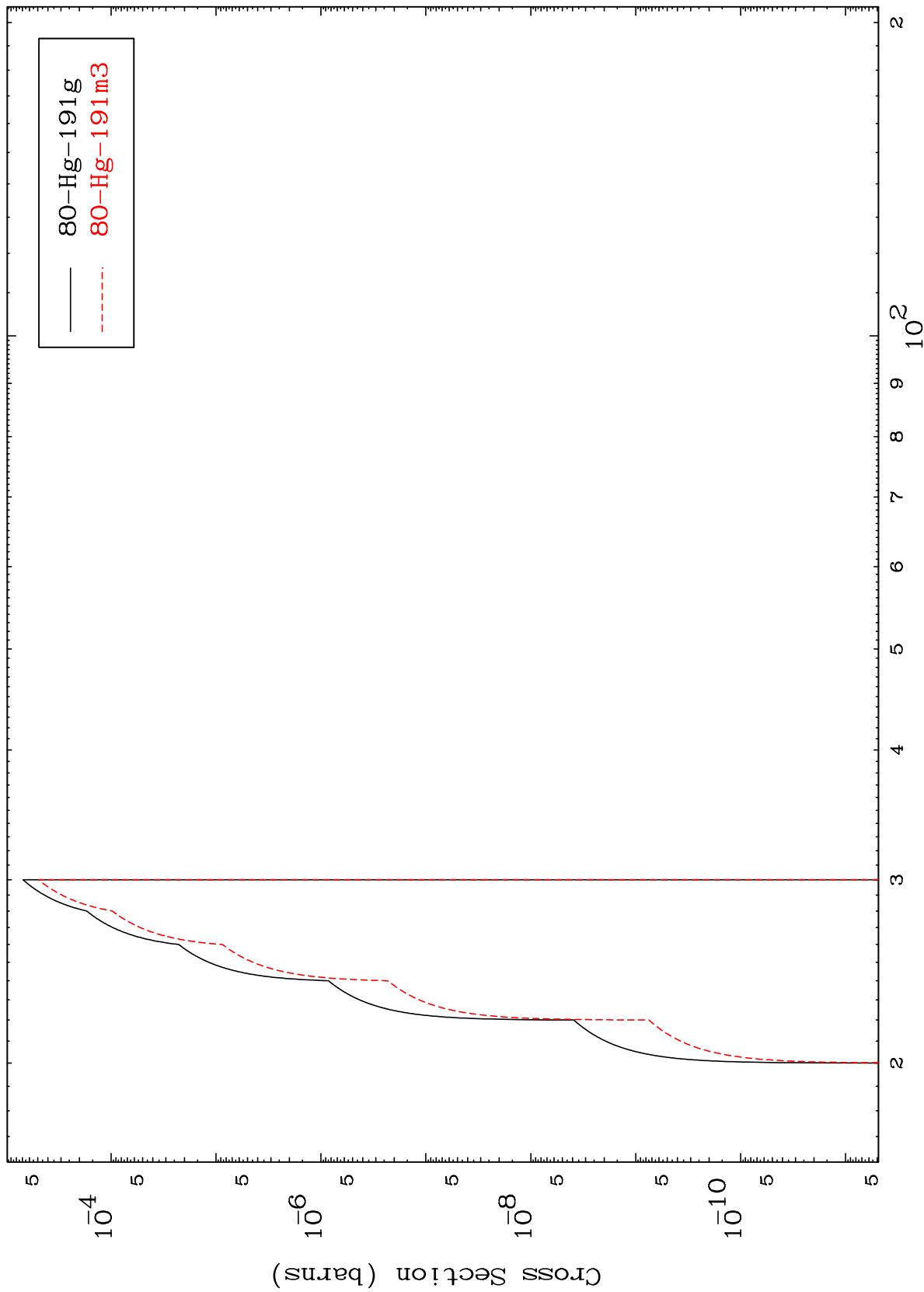


MAT 8017

(d,2n) d

80-Hg-193

Radionuclide Production Cross Section



13

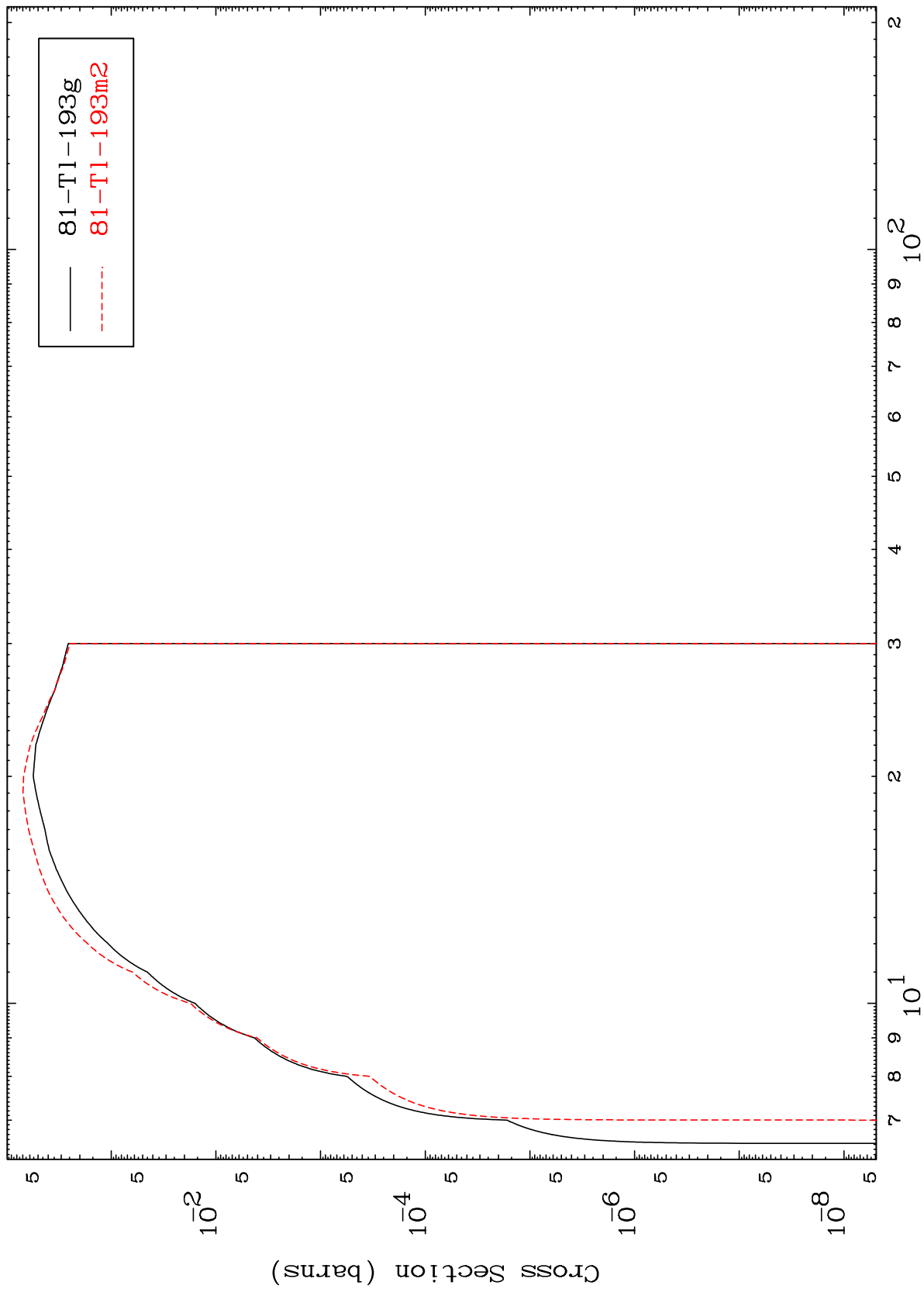
Incident Energy (MeV)

80-Hg-193

MAT 8017

80-Hg-193

Radionuclide Production Cross Section
(d,2n)



14

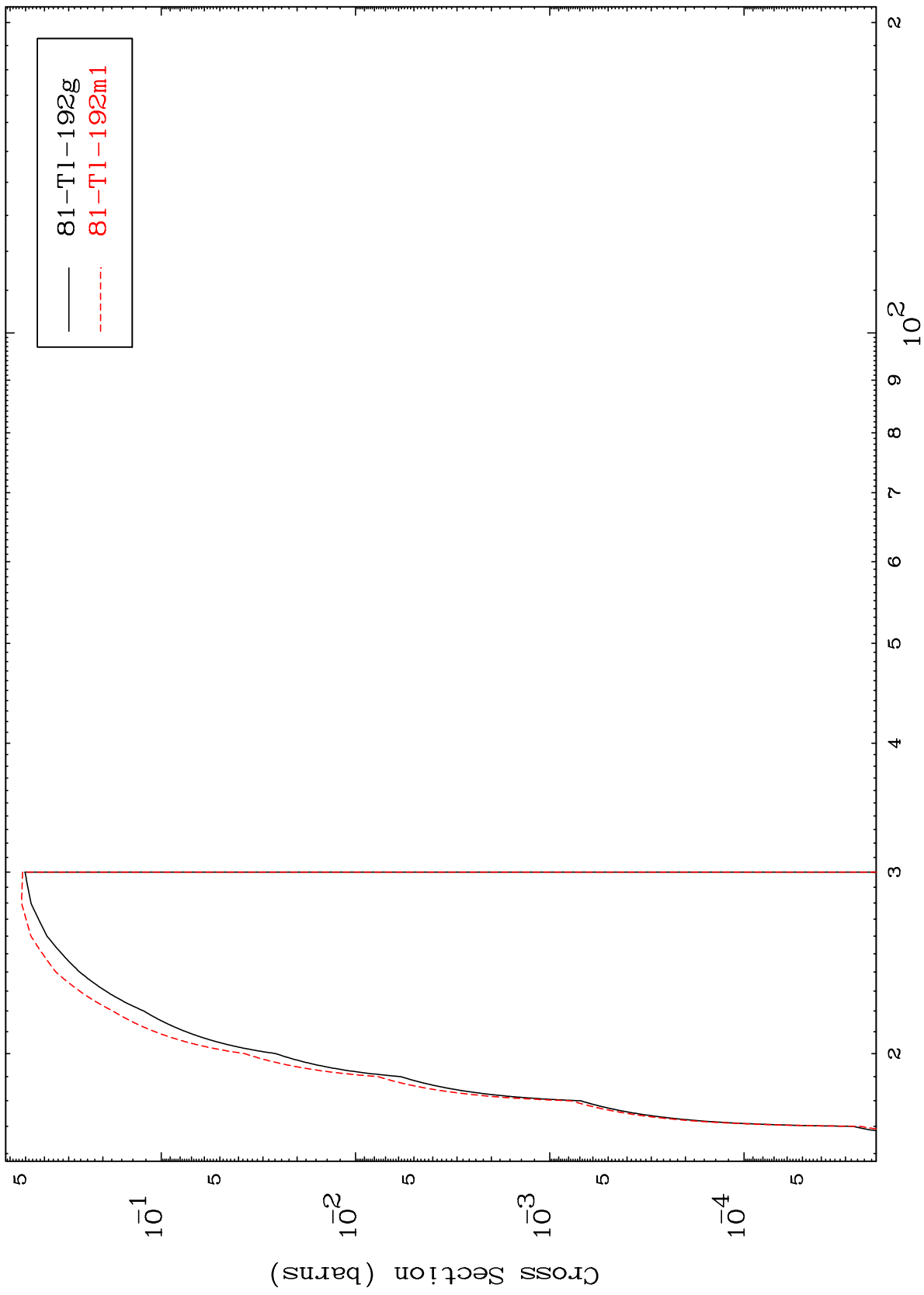
Incident Energy (MeV)

80-Hg-193

MAT 8017

80-Hg-193

(d,3n)
Radionuclide Production Cross Section



15

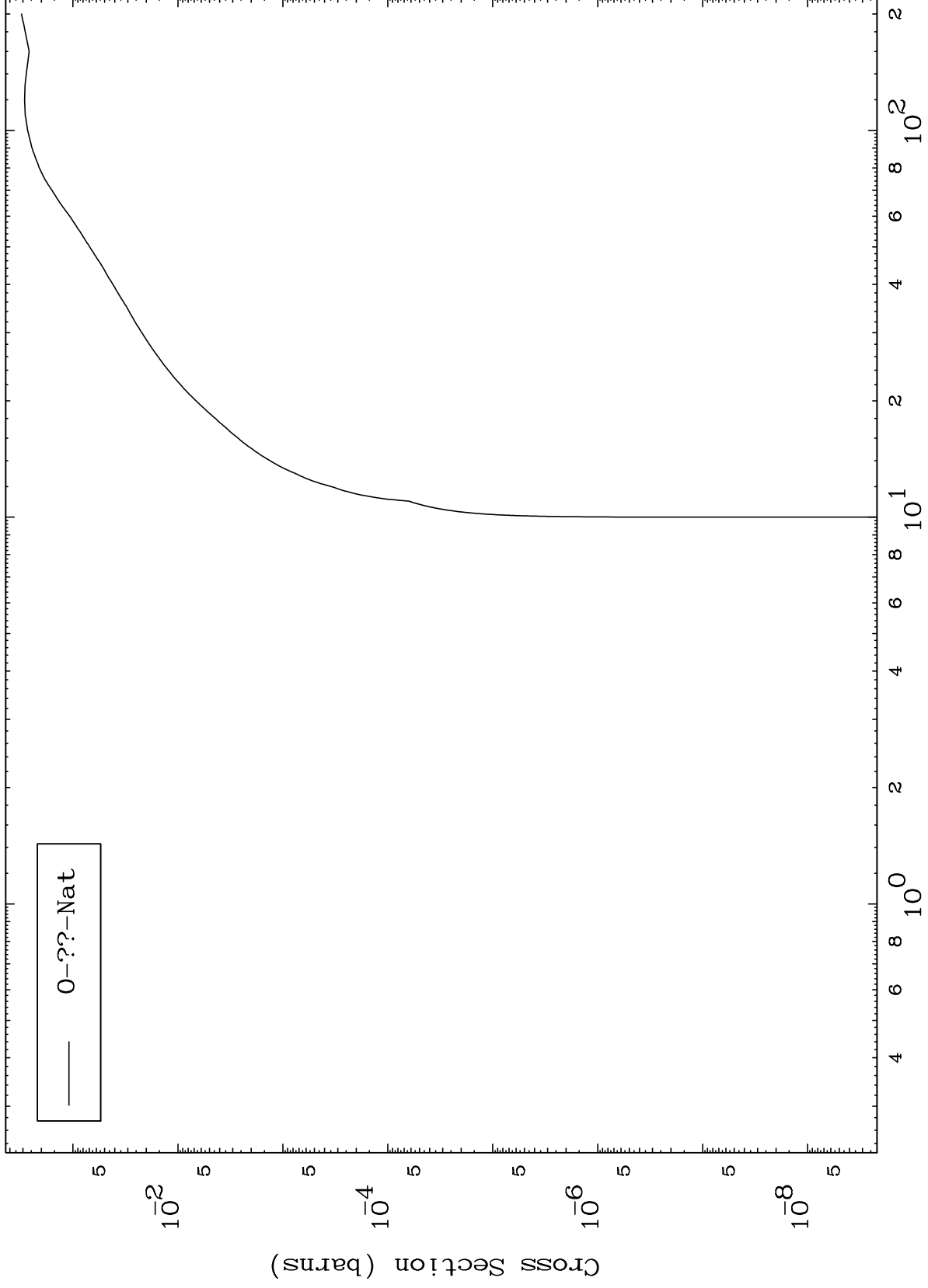
Incident Energy (MeV)

80-Hg-193

MAT 8017

Deuteron Fission
Radionuclide Production Cross Section

80-Hg-193

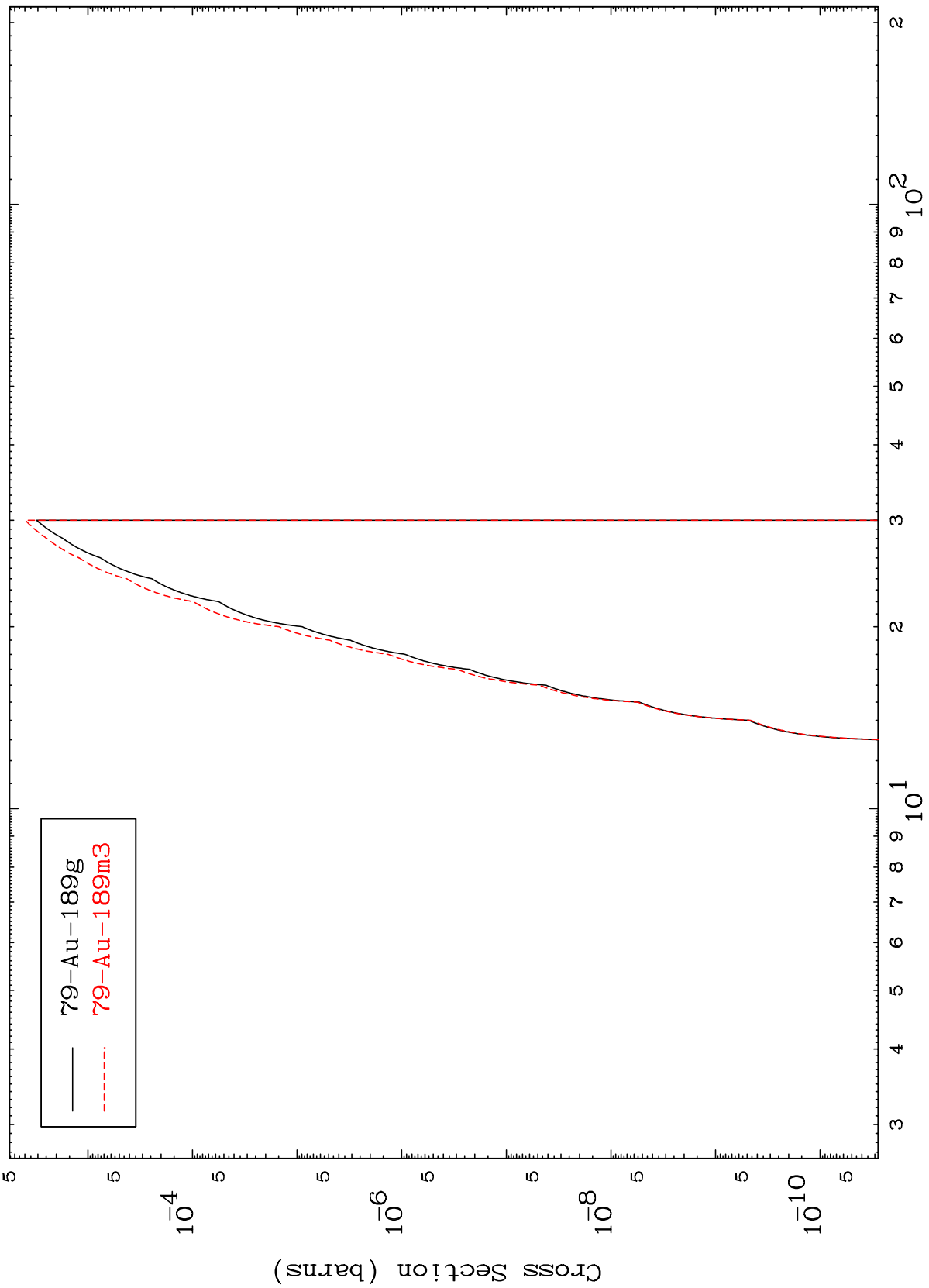


MAT 8017

(d,2n) α

80-Hg-193

Radionuclide Production Cross Section



17

Incident Energy (MeV)

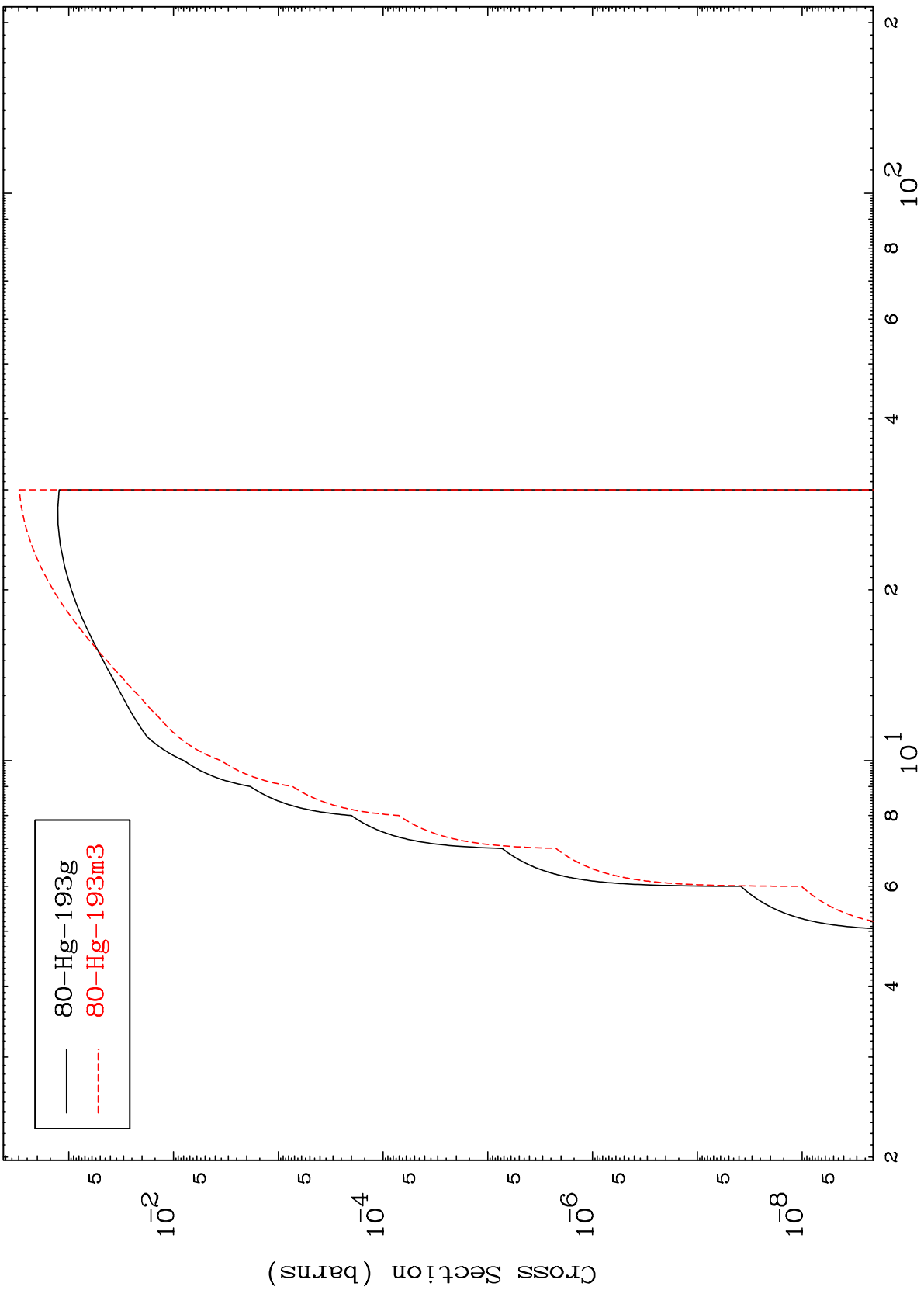
80-Hg-193

MAT 8017

(d,n') p

80-Hg-193

Radionuclide Production Cross Section



80-Hg-193g
80-Hg-193m3

18

Incident Energy (MeV)

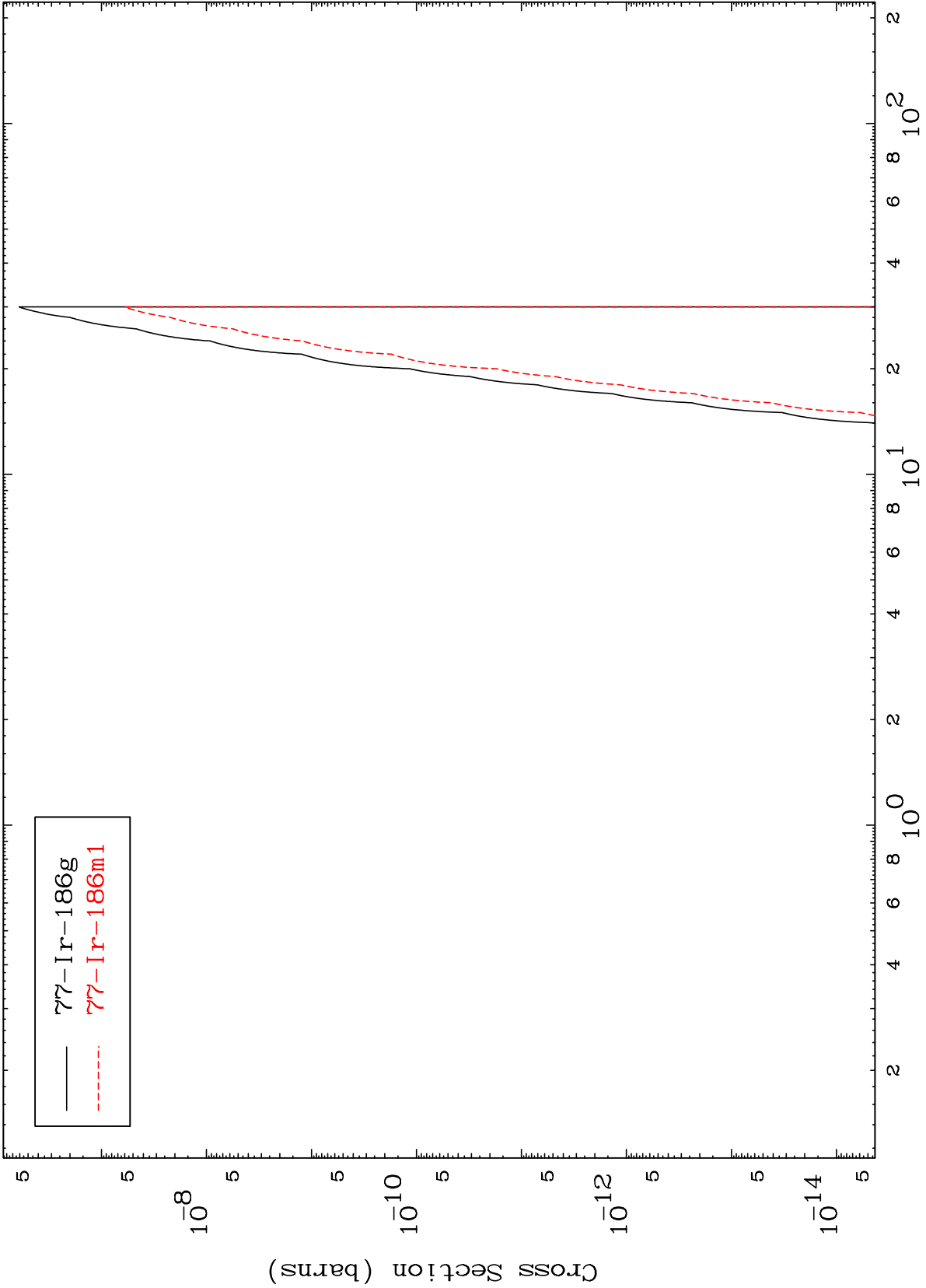
80-Hg-193

MAT 8017

(d,n') 2 α

80-Hg-193

Radionuclide Production Cross Section



19

Incident Energy (MeV)

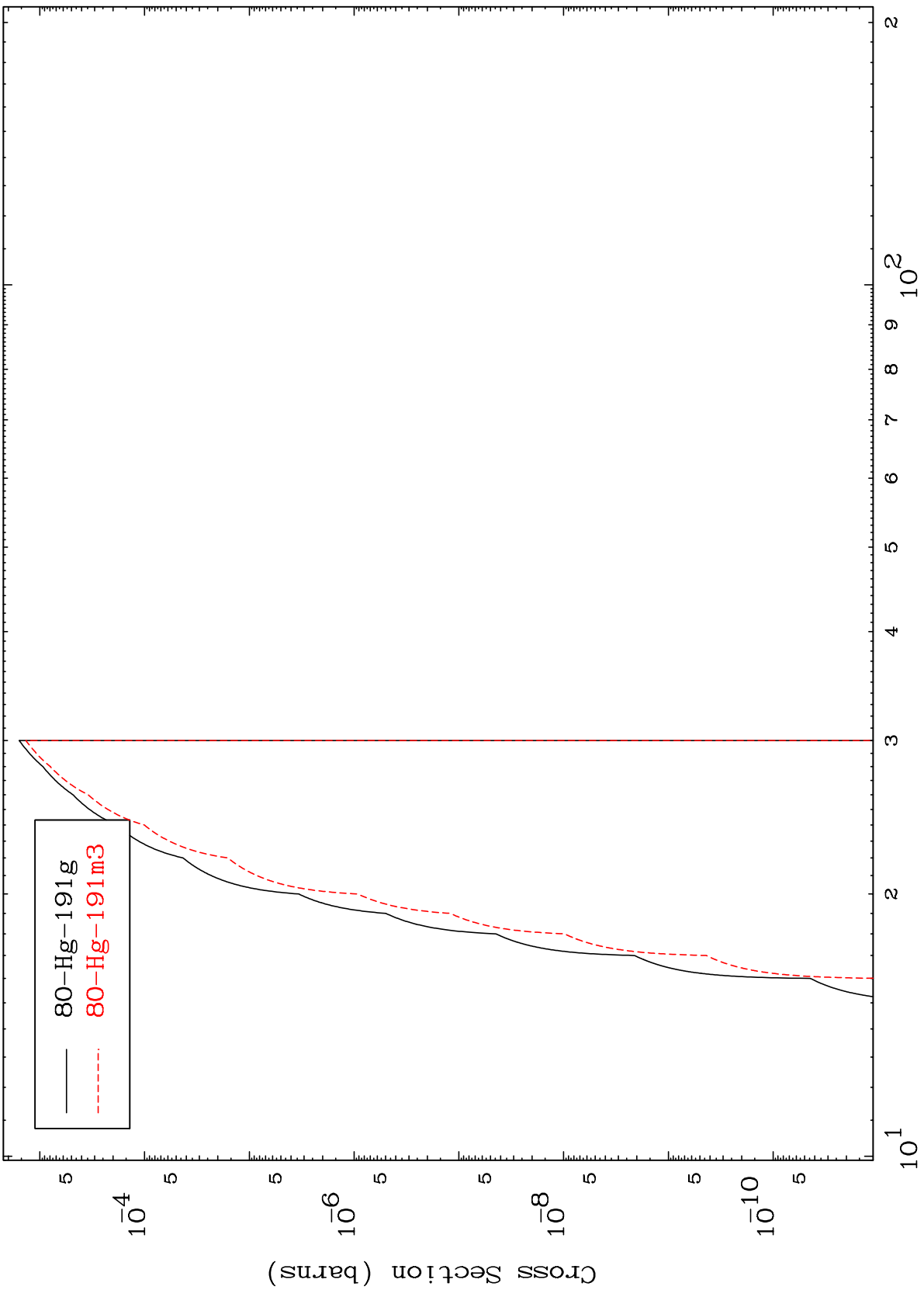
80-Hg-193

MAT 8017

(d,n') t

80-Hg-193

Radionuclide Production Cross Section



20

Incident Energy (MeV)

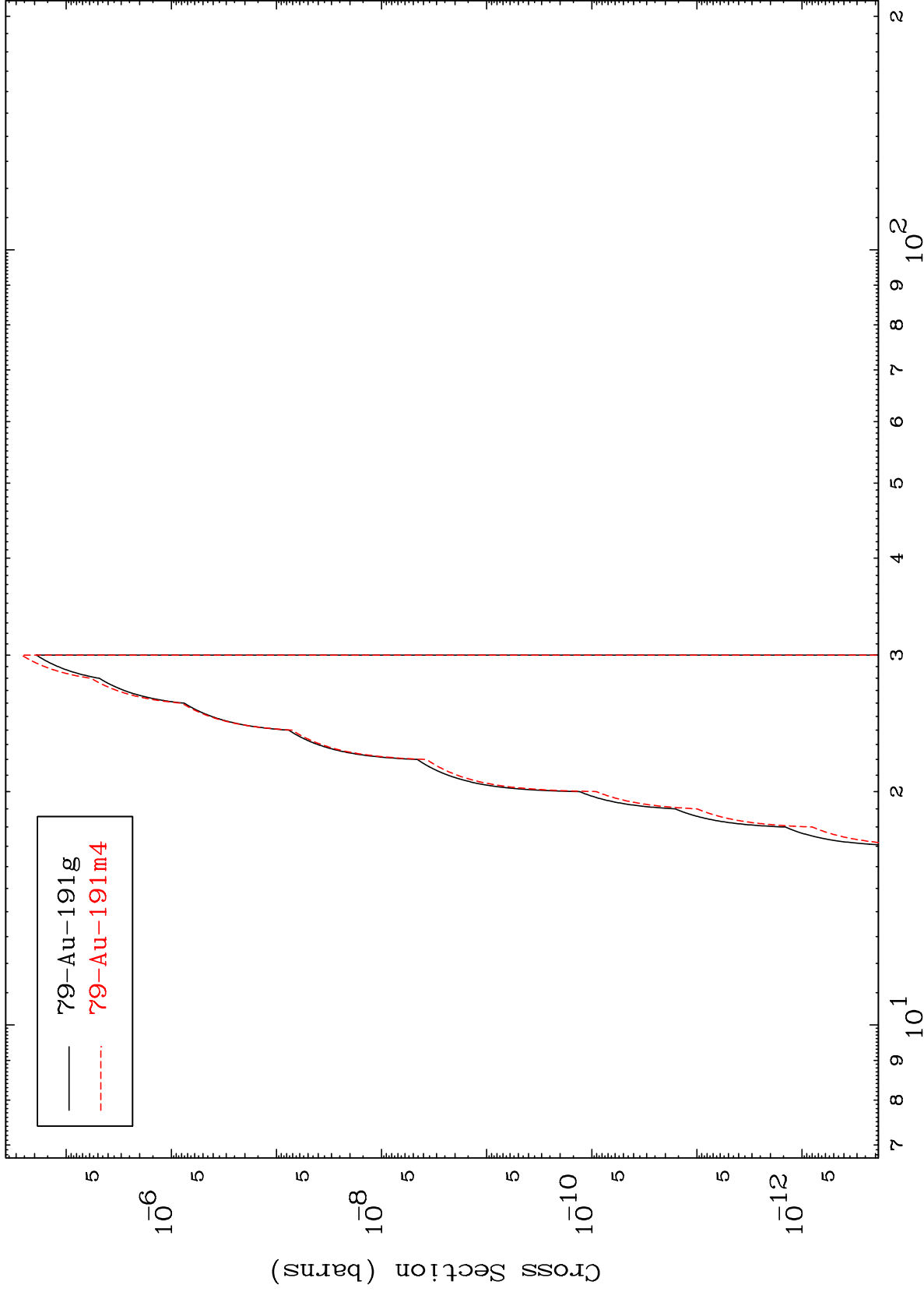
80-Hg-193

MAT 8017

(d,n') He-3

80-Hg-193

Radionuclide Production Cross Section



21

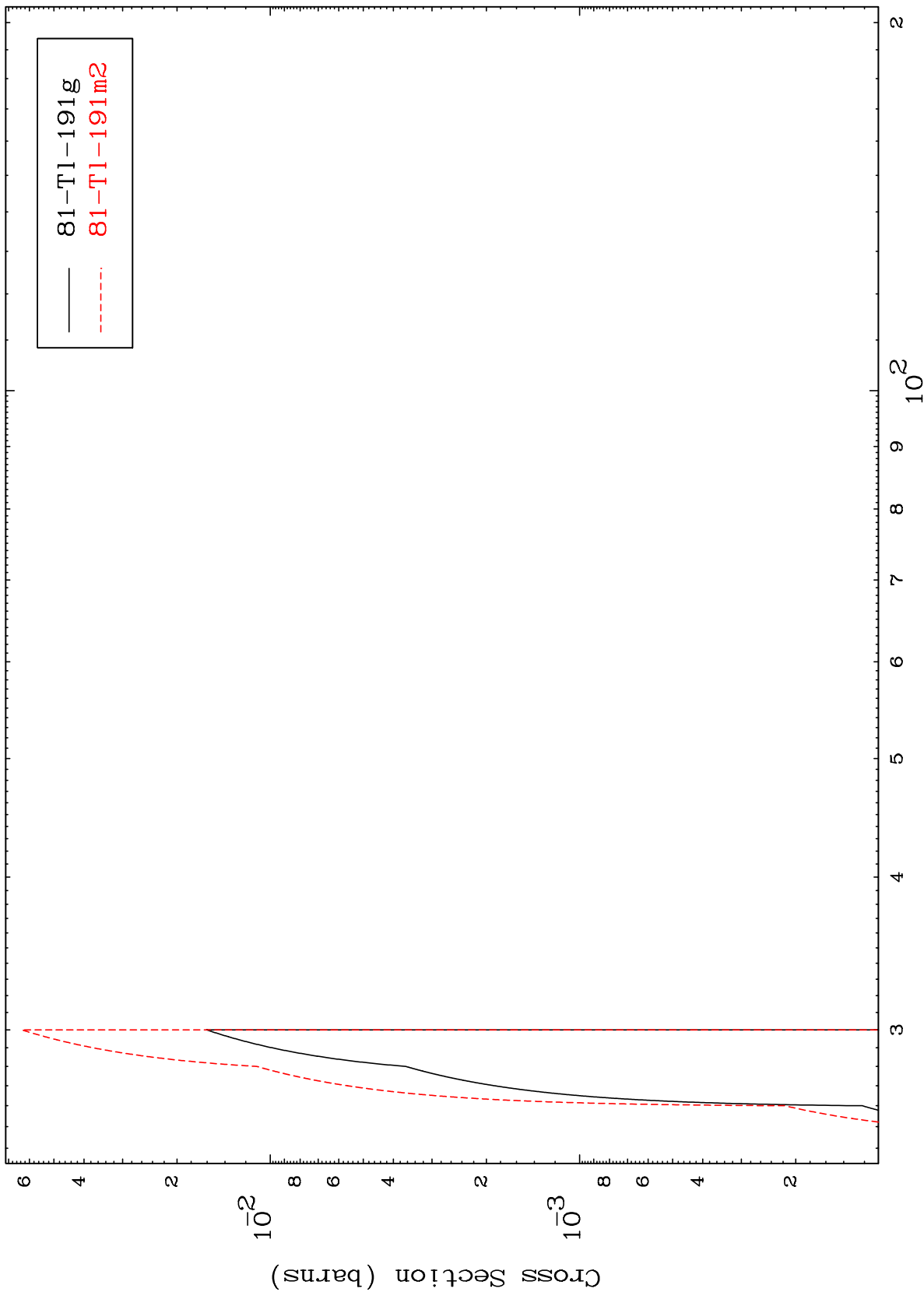
Incident Energy (MeV)

80-Hg-193

MAT 8017

80-Hg-193

(d,4n)
Radionuclide Production Cross Section



80-Hg-193

Incident Energy (MeV)

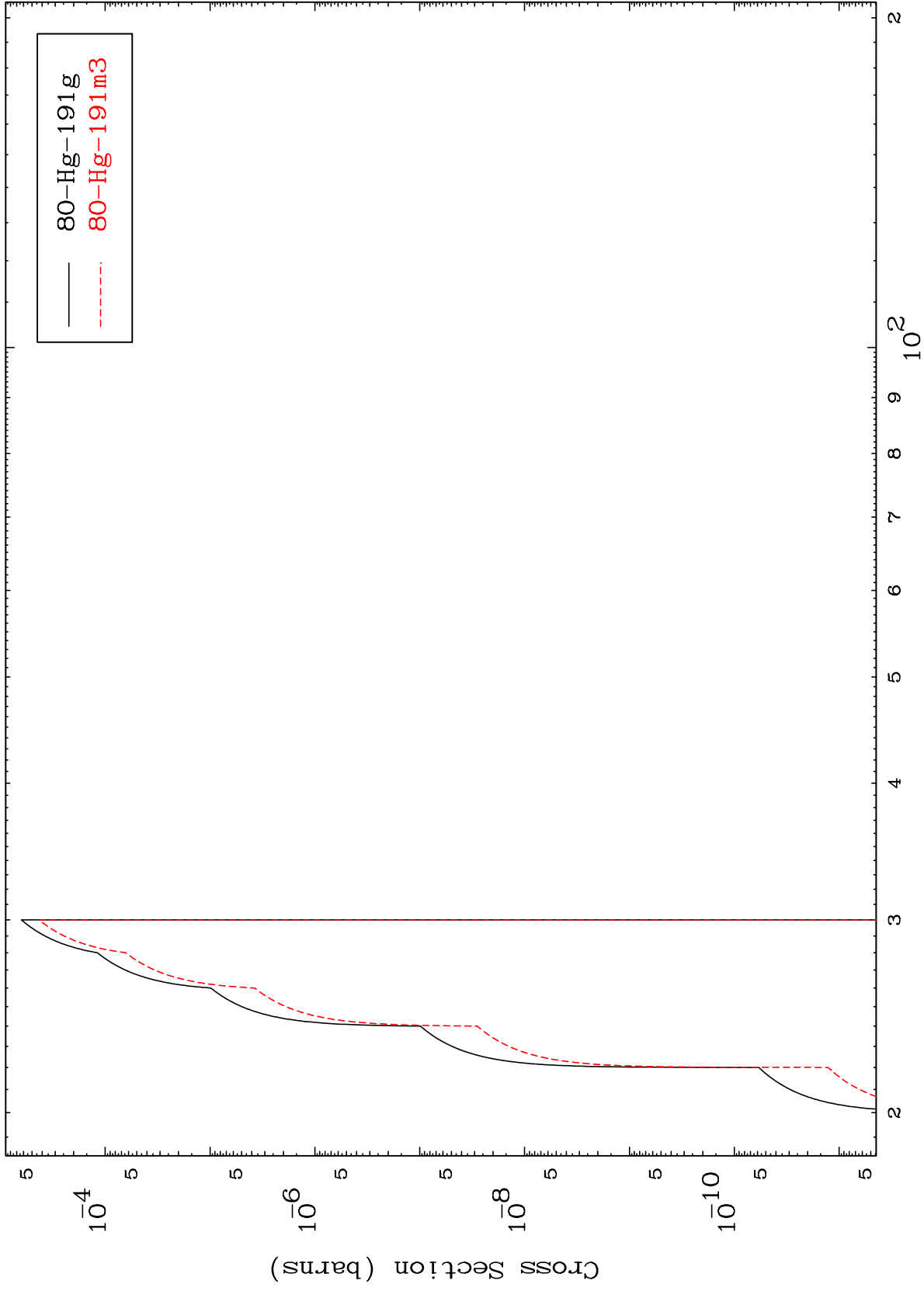
22

MAT 8017

(d,3n) p

80-Hg-193

Radionuclide Production Cross Section



23

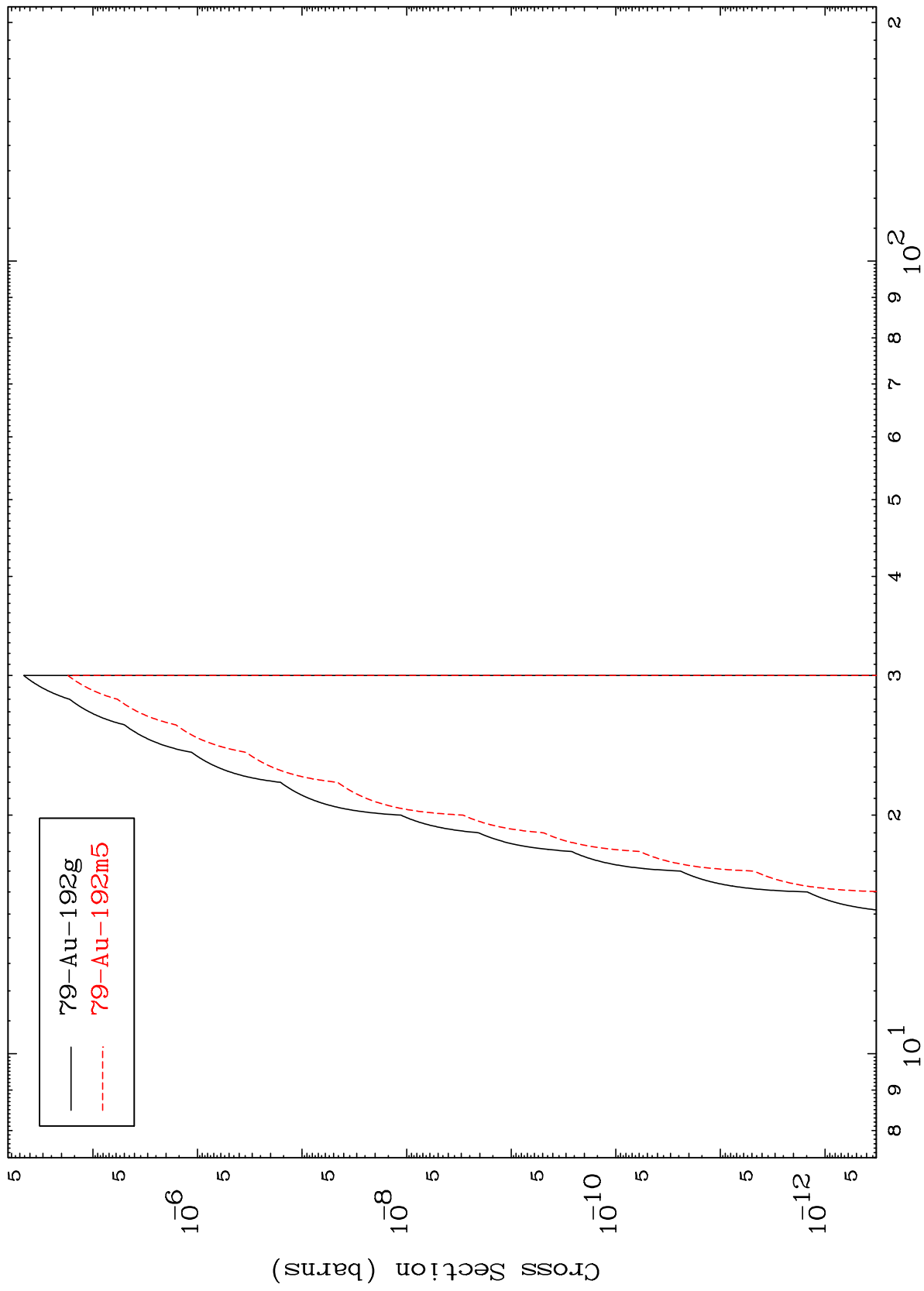
Incident Energy (MeV)

80-Hg-193

MAT 8017

80-Hg-193

(d,2n) p
Radionuclide Production Cross Section



80-Hg-193

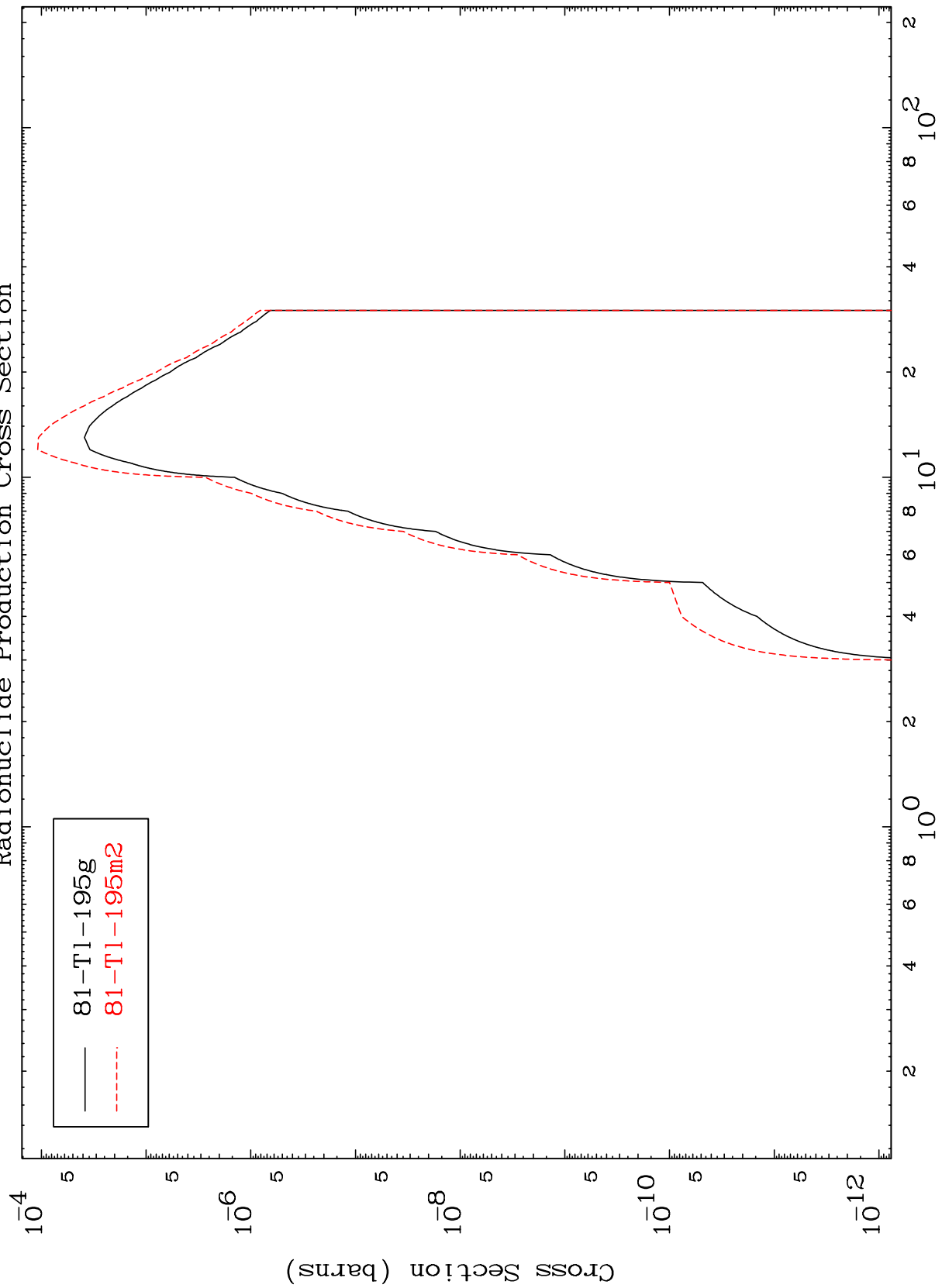
Incident Energy (MeV)

24

MAT 8017

80-Hg-193

Radionuclide Production Cross Section
(d, γ)



81-Tl-195g
81-Tl-195m2

80-Hg-193

Incident Energy (MeV)

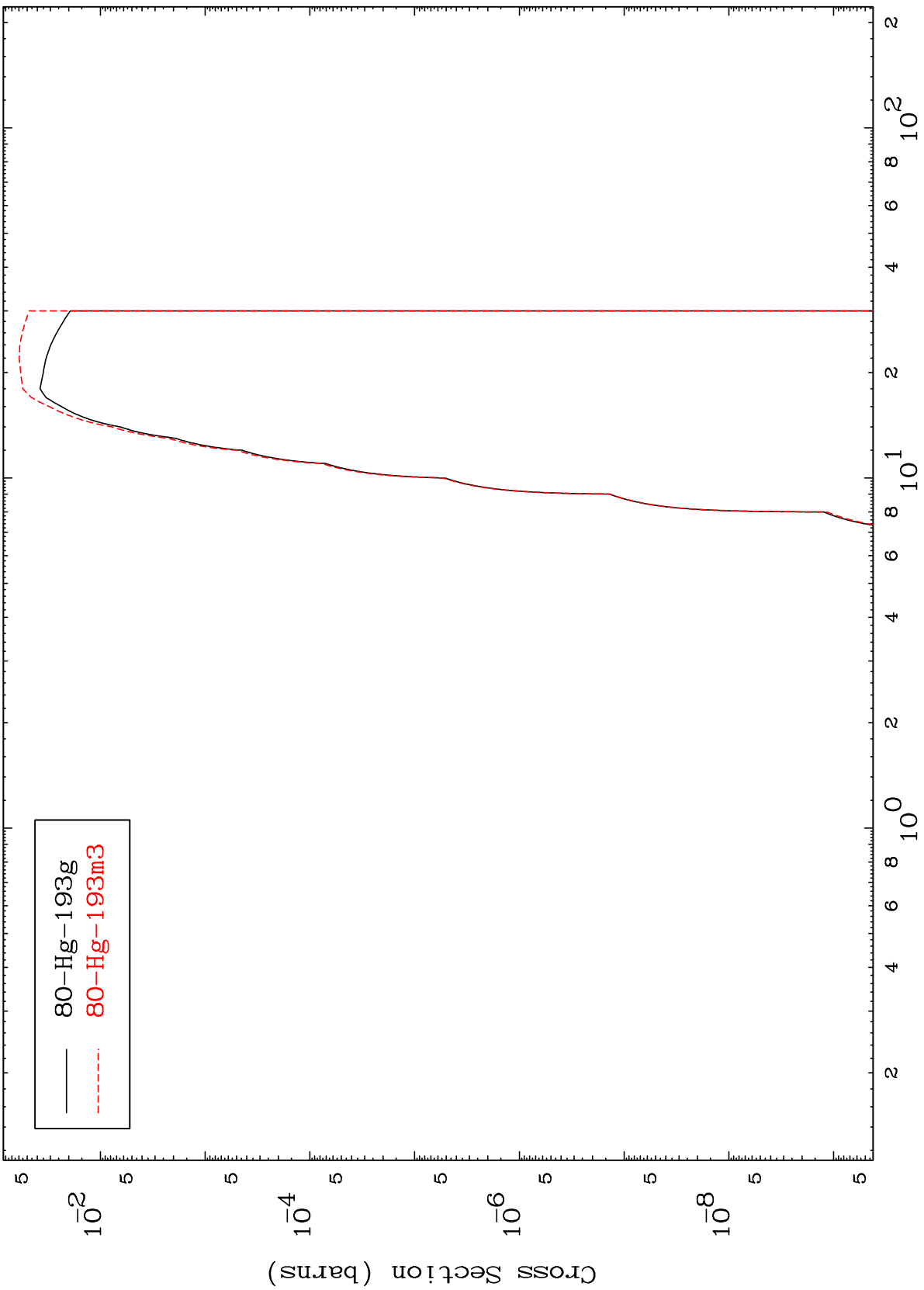
25

MAT 8017

(d,d)

80-Hg-193

Radionuclide Production Cross Section



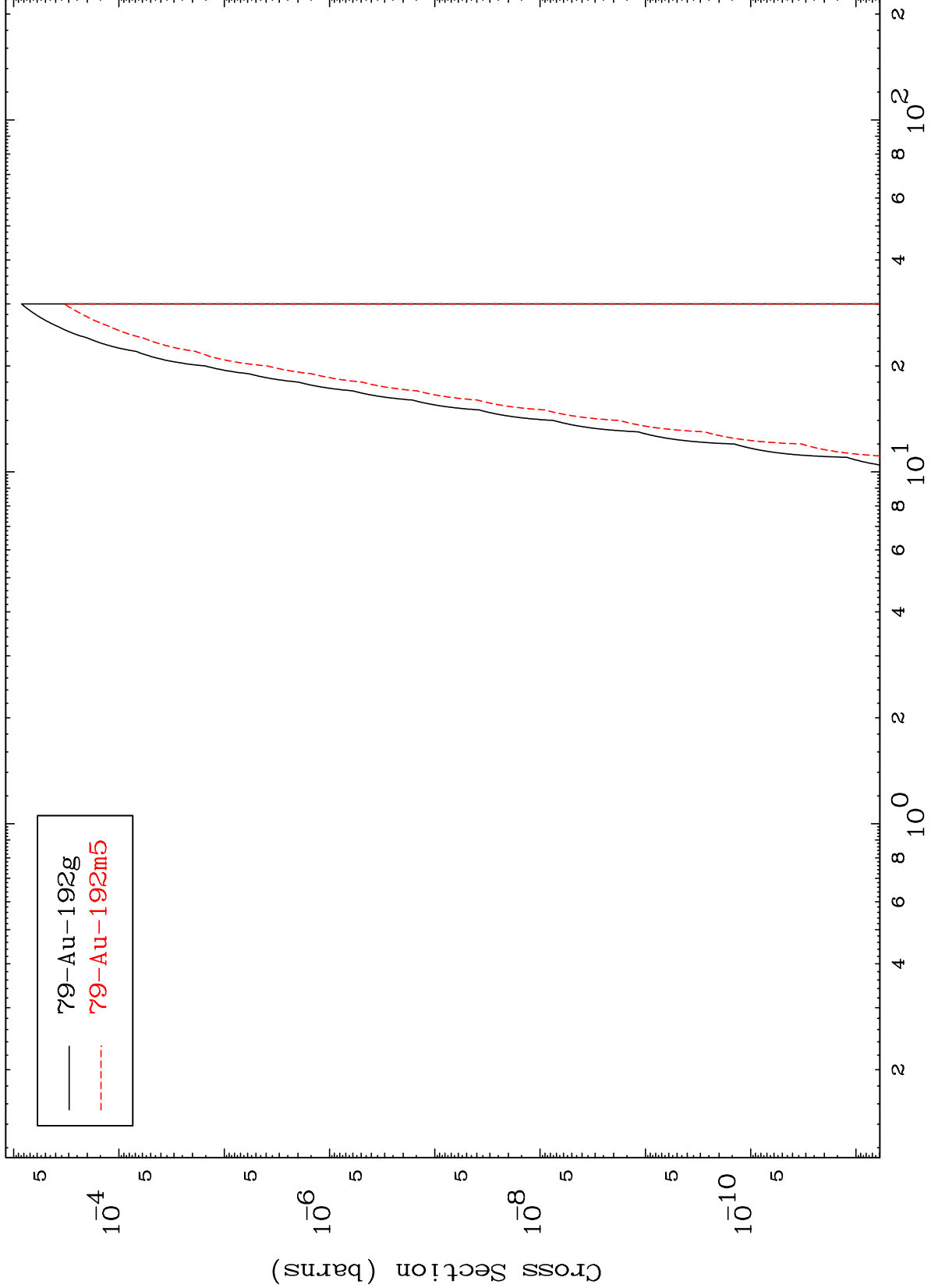
80-Hg-193g
80-Hg-193m3

MAT 8017

(d,He-3)

80-Hg-193

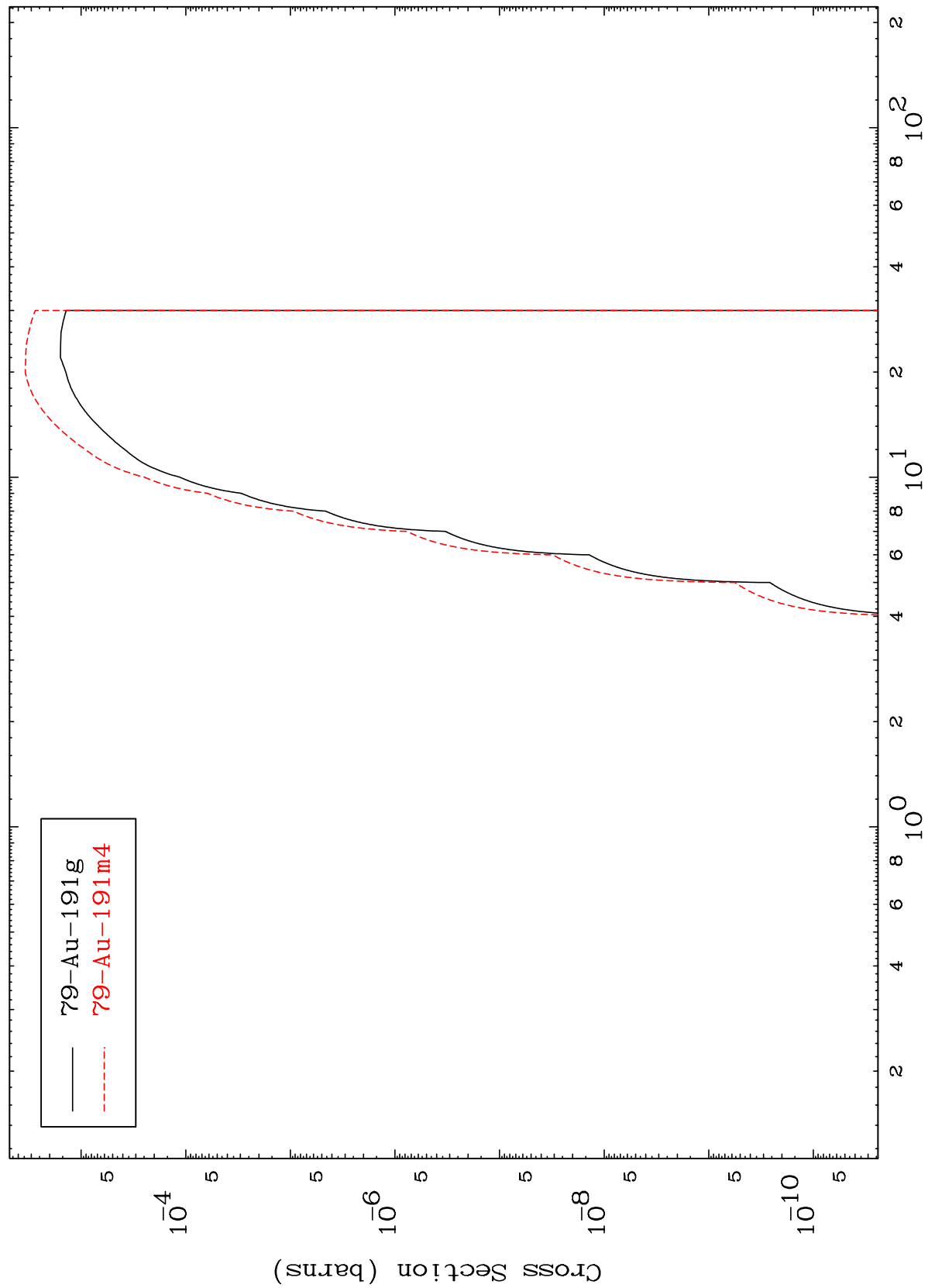
Radionuclide Production Cross Section



MAT 8017

80-Hg-193

(d, α)
Radionuclide Production Cross Section



80-Hg-193

Incident Energy (MeV)

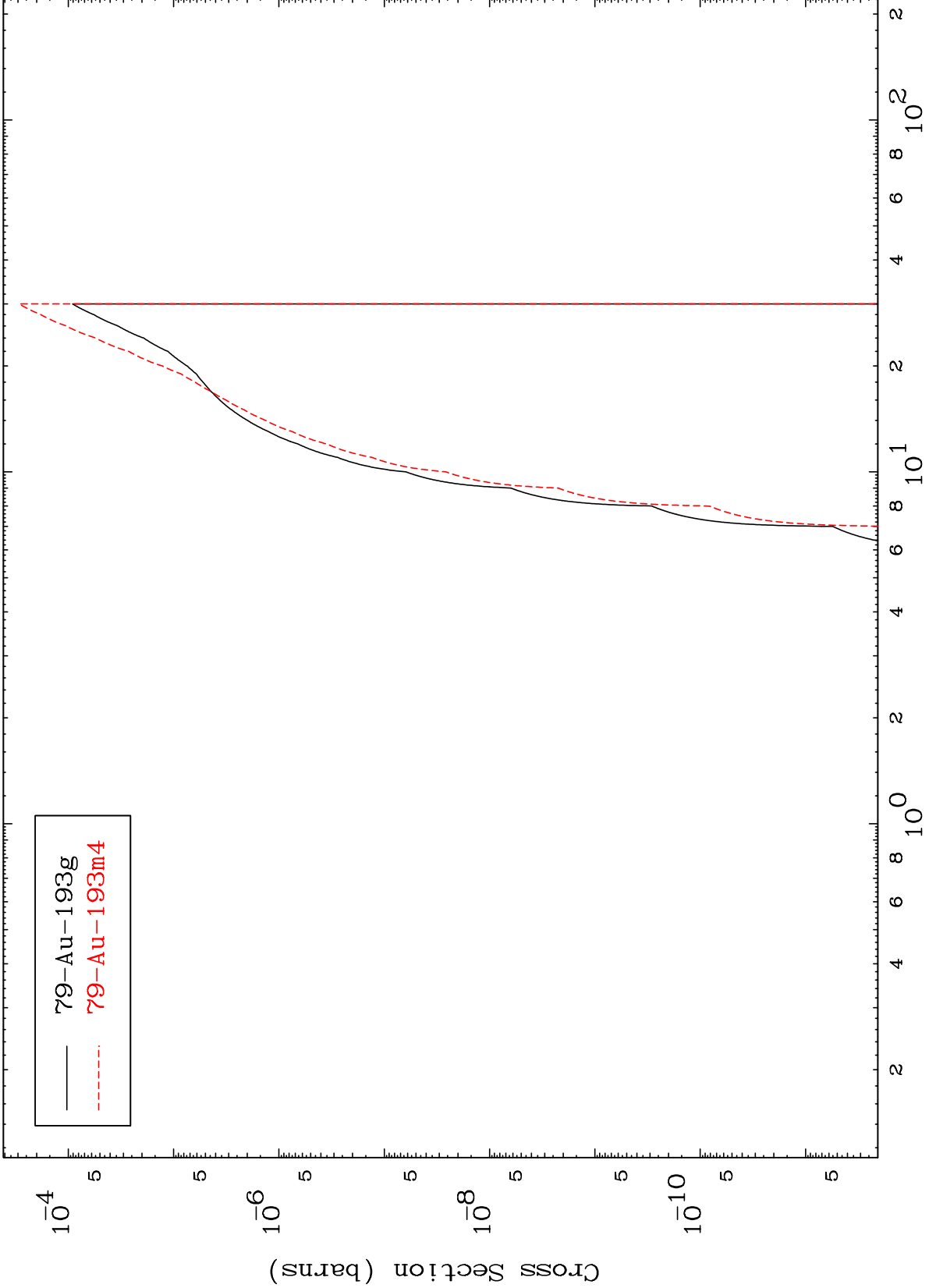
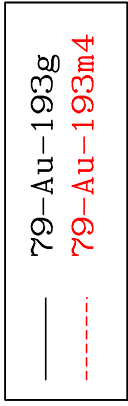
28

MAT 8017

(d,2p)

80-Hg-193

Radionuclide Production Cross Section



29

Incident Energy (MeV)

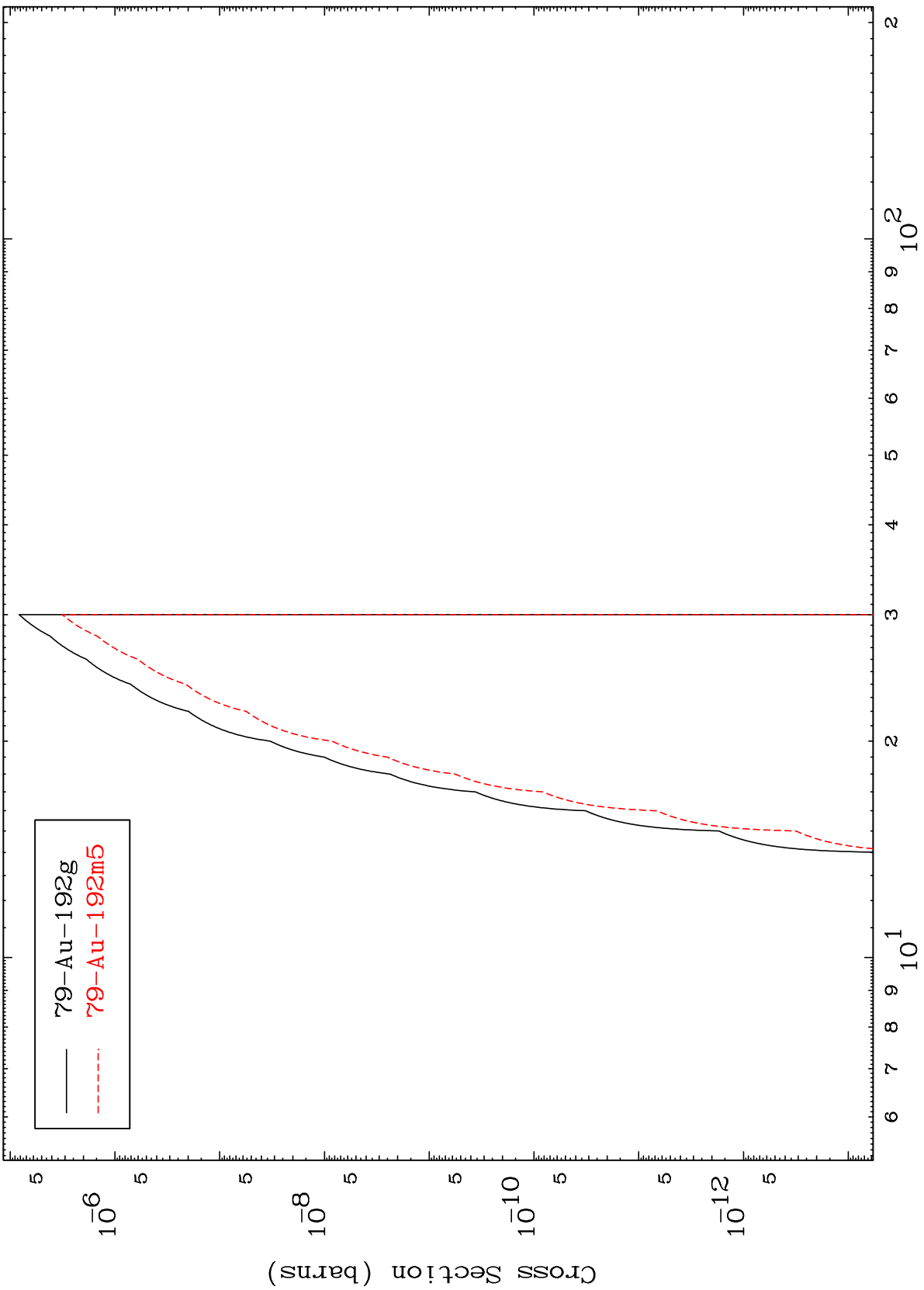
80-Hg-193

MAT 8017

(d,p) d

80-Hg-193

Radionuclide Production Cross Section



30

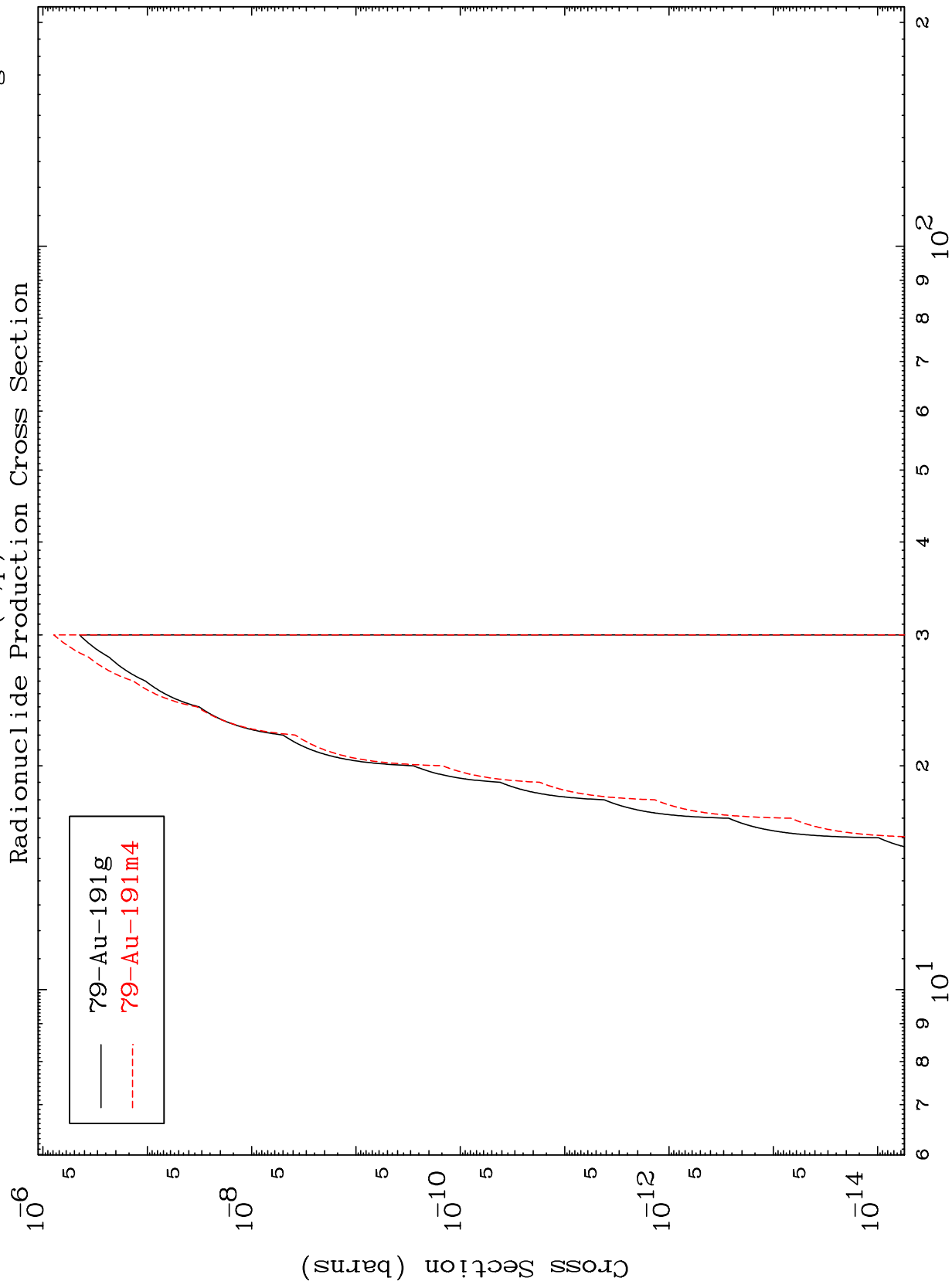
Incident Energy (MeV)

80-Hg-193

MAT 8017

(d,p) t

80-Hg-193



31

Incident Energy (MeV)

80-Hg-193