

Program EVALPLOT
(Version 2018-1)

by

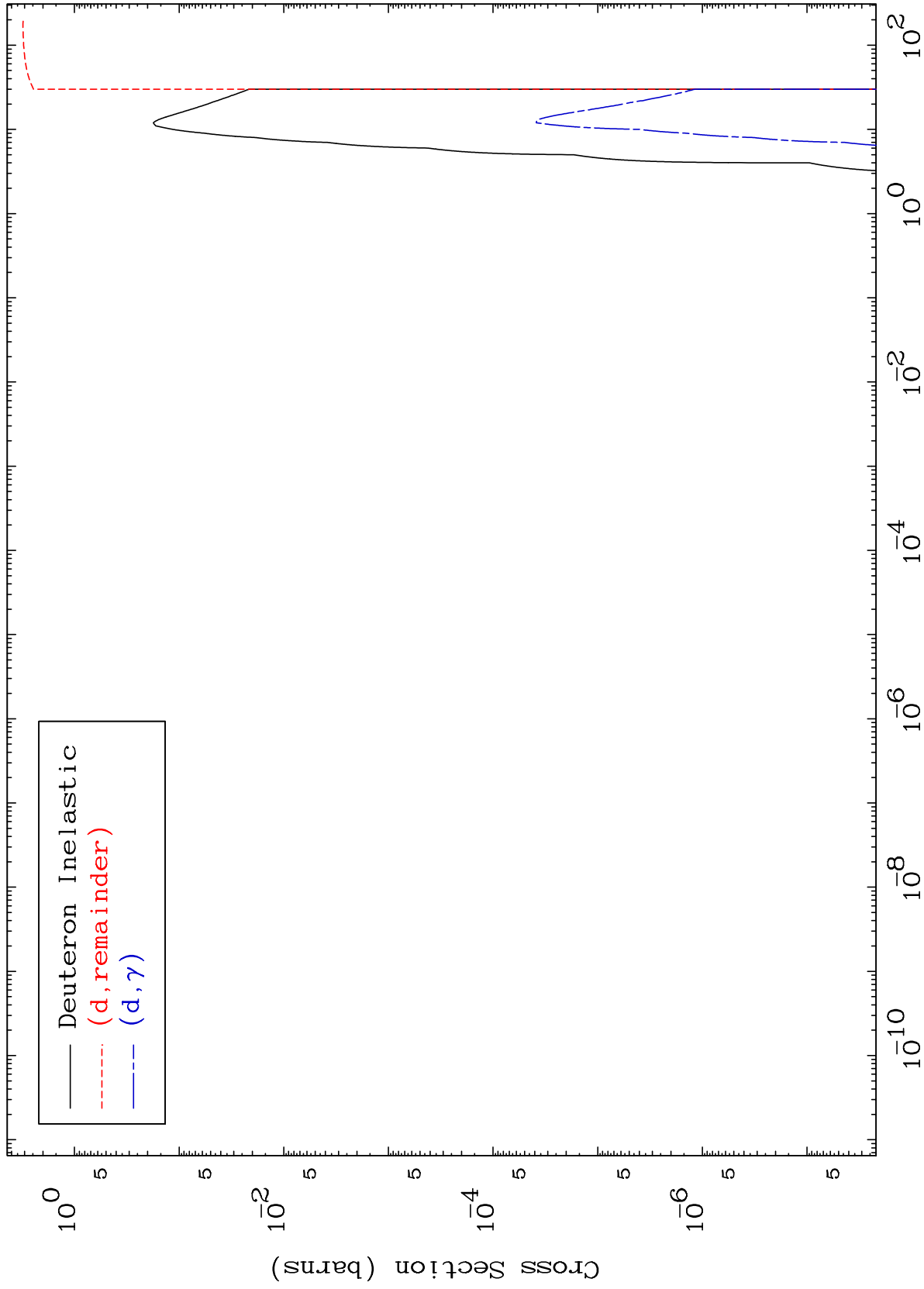
Dermott E. Cullen
(Present Contact Information)

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

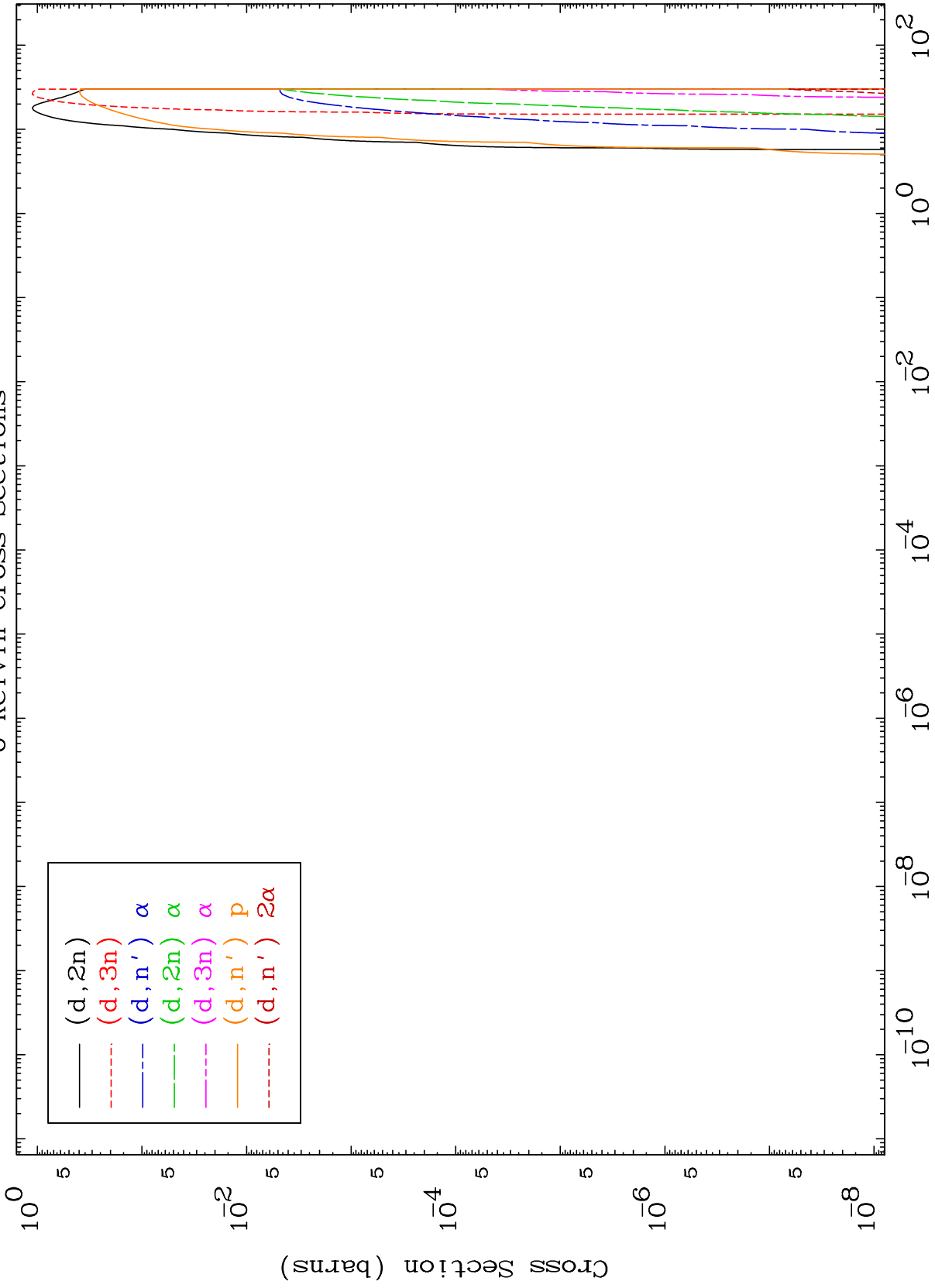
Press Mouse Button to Start



MAT 8023

Deuteron Neutron Production
0 Kelvin Cross Sections

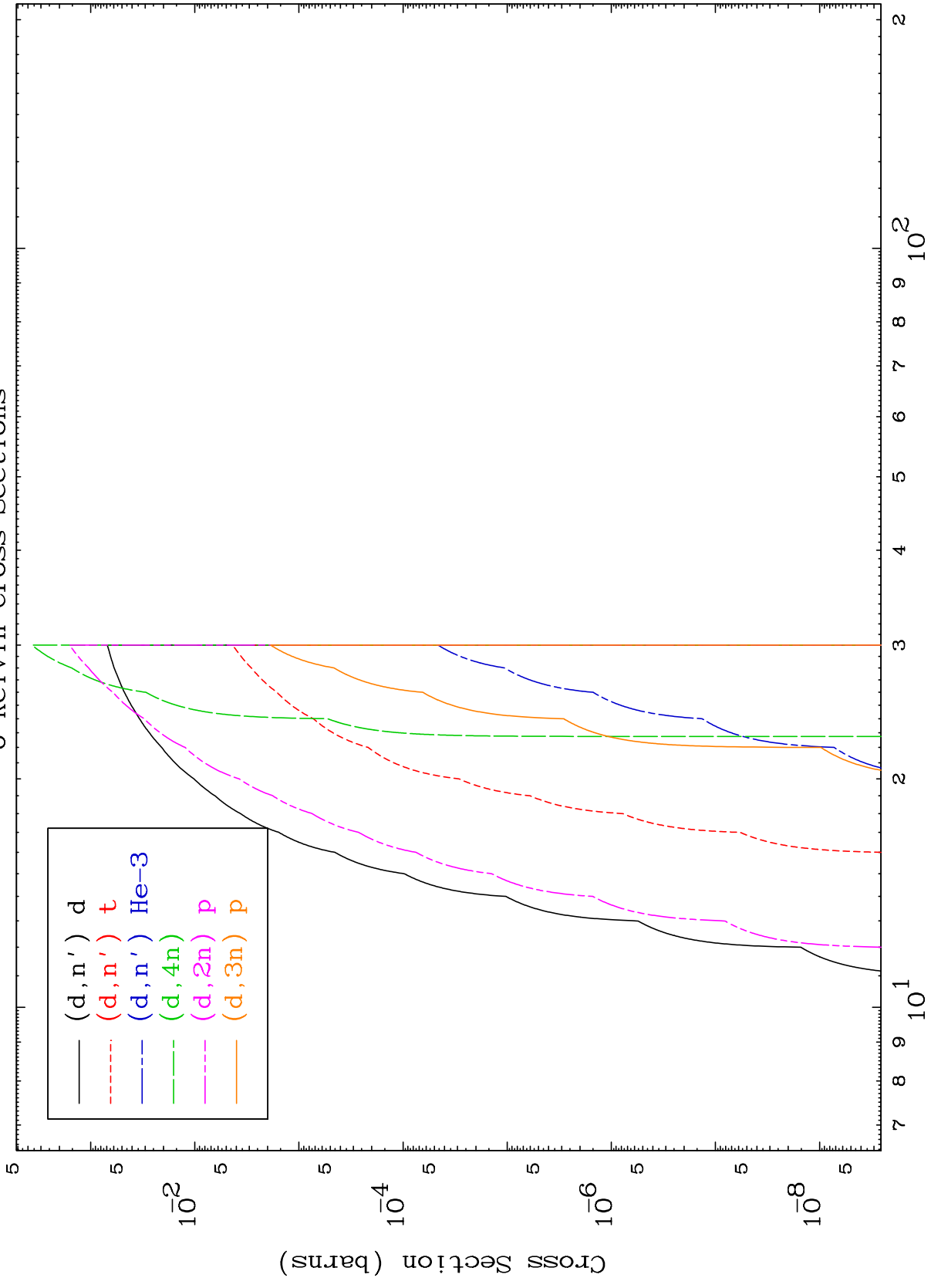
80-Hg-195



2

Incident Energy (MeV)

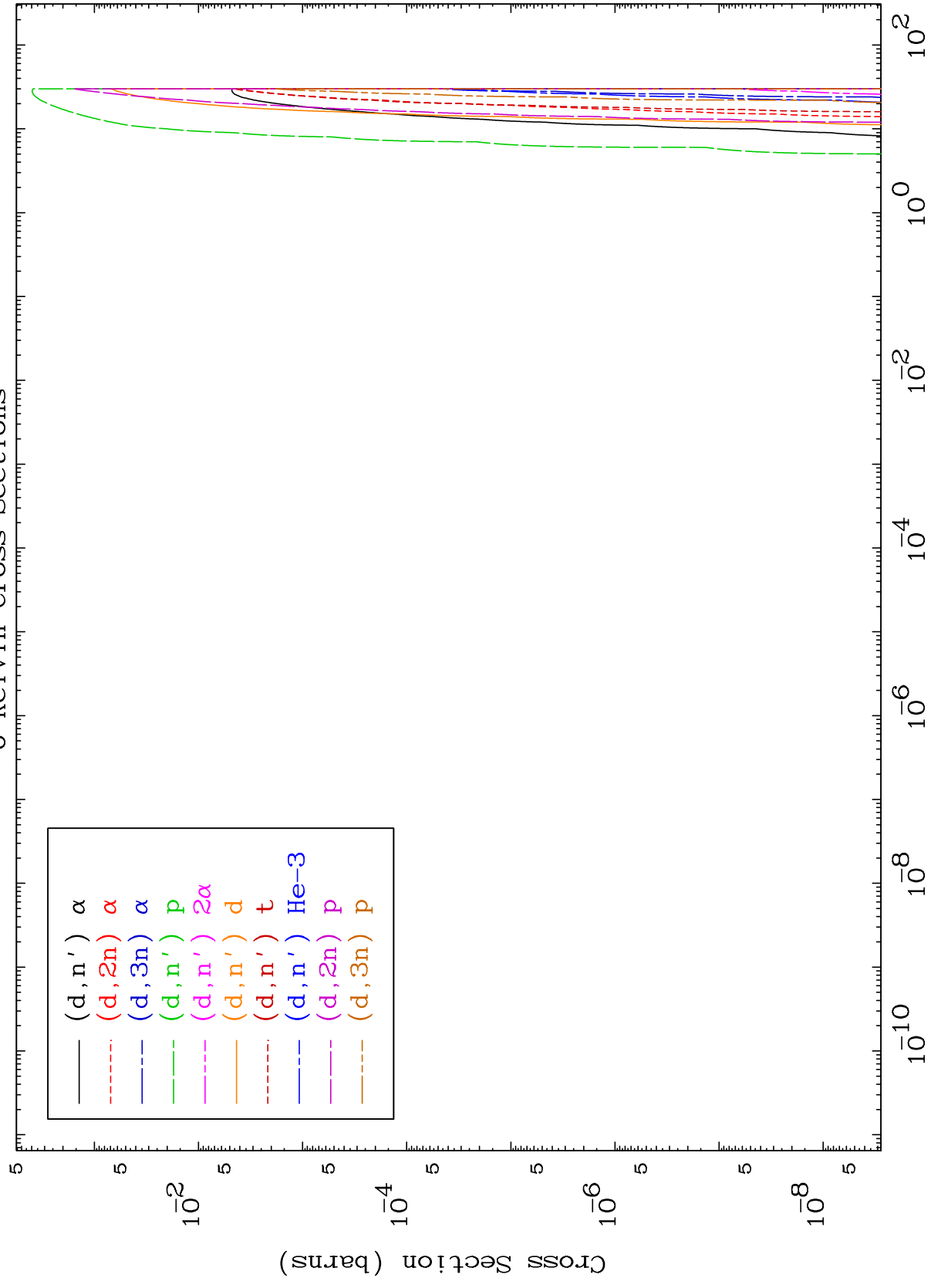
80-Hg-195



MAT 8023

Deuteron Charged Particle
0 Kelvin Cross Sections

80-Hg-195



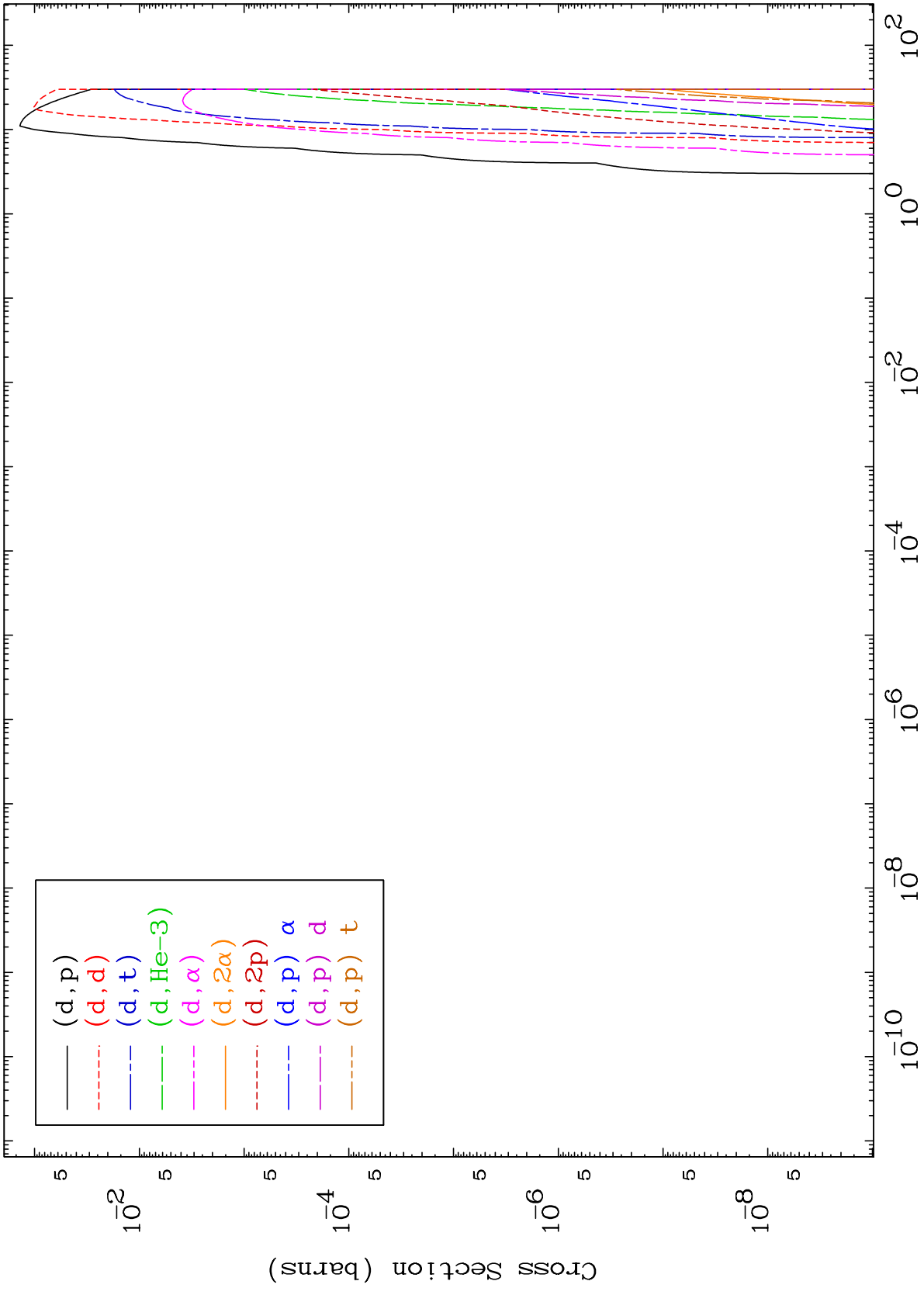
80-Hg-195

Incident Energy (MeV)

MAT 8023

Deuteron Charged Particle
0 Kelvin Cross Sections

80-Hg-195



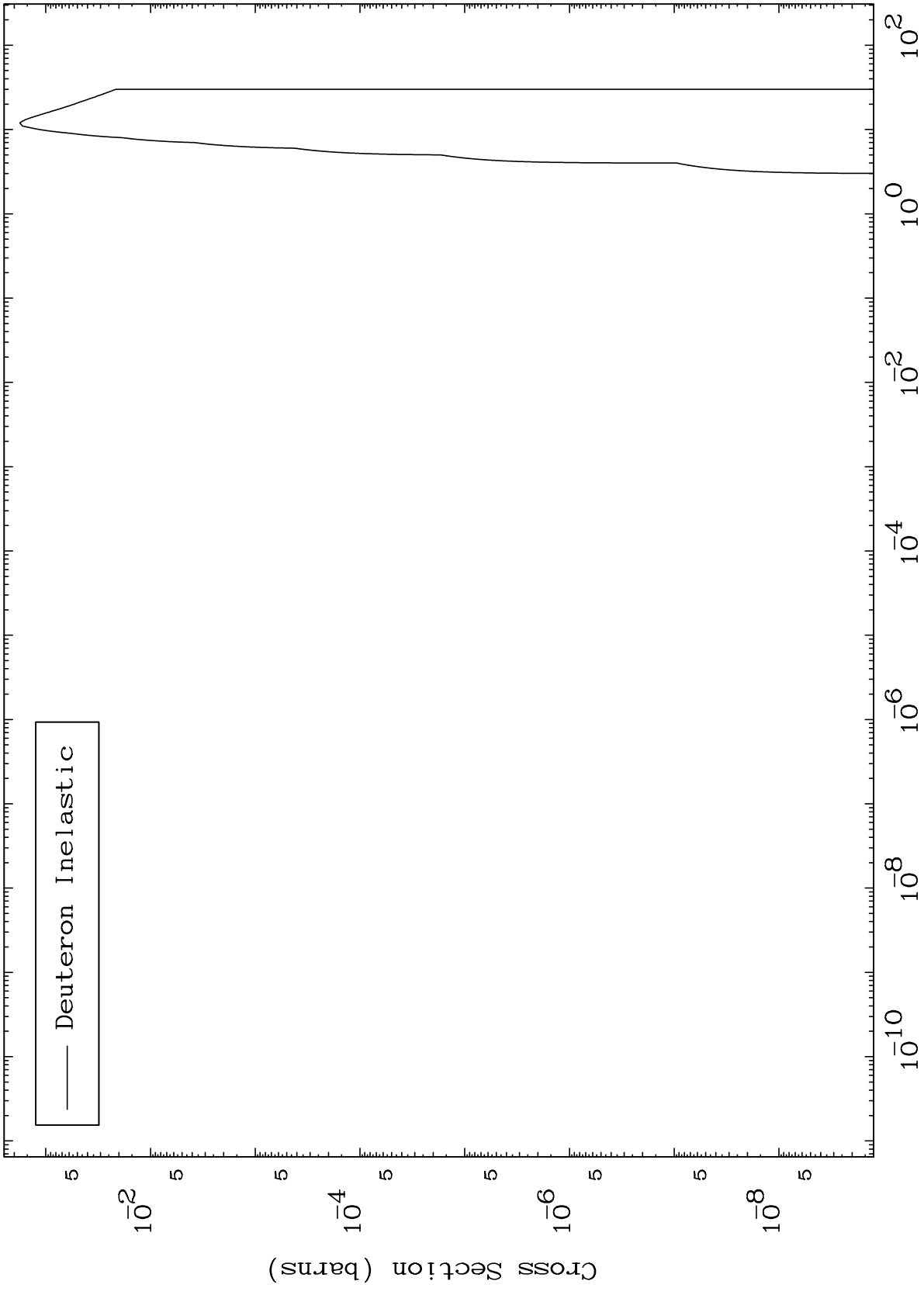
5

80-Hg-195

MAT 8023

(d,n') Level
0 Kelvin Cross Sections

80-Hg-195

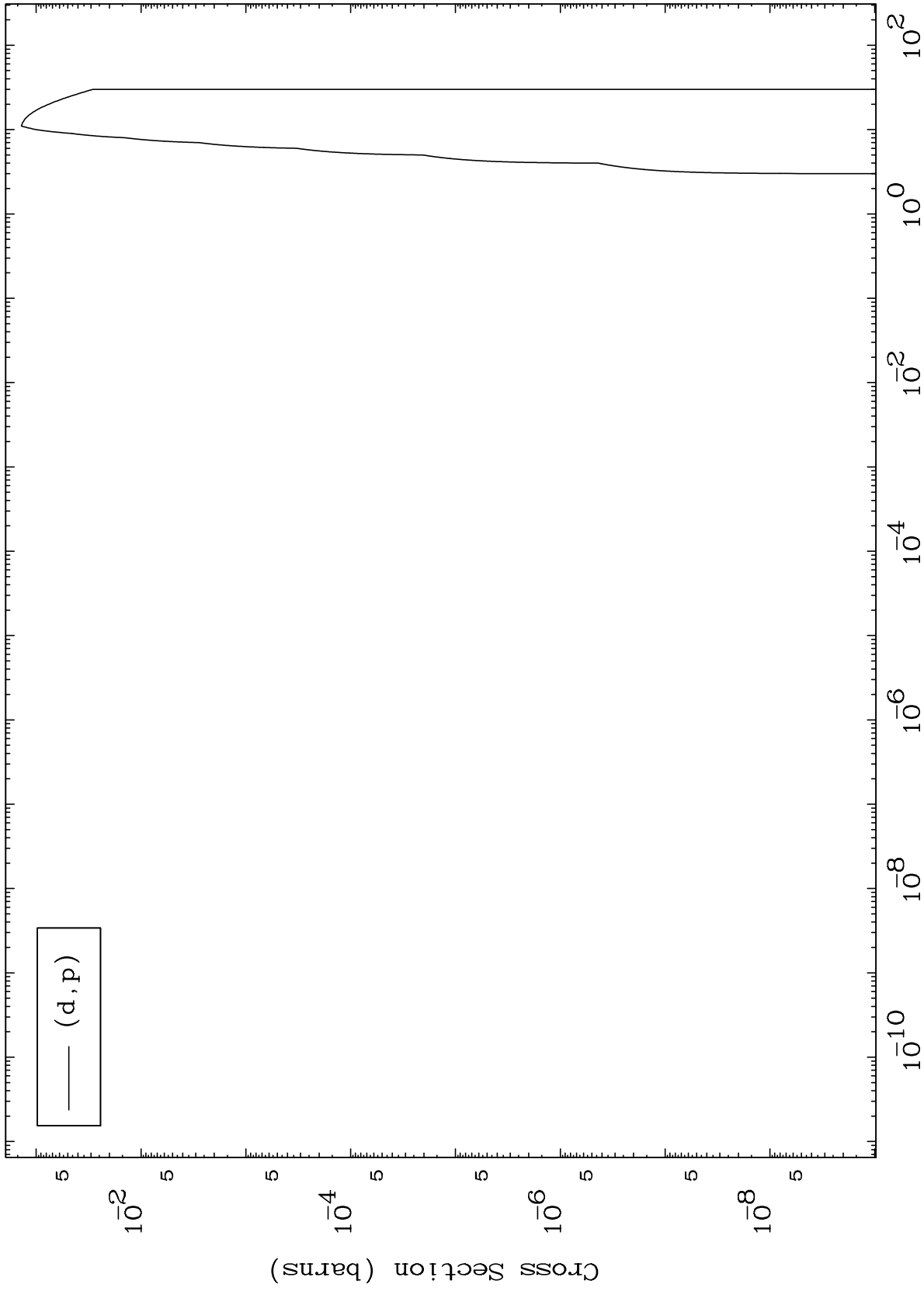


80-Hg-195

MAT 8023

(d,p) Levels
0 Kelvin Cross Sections

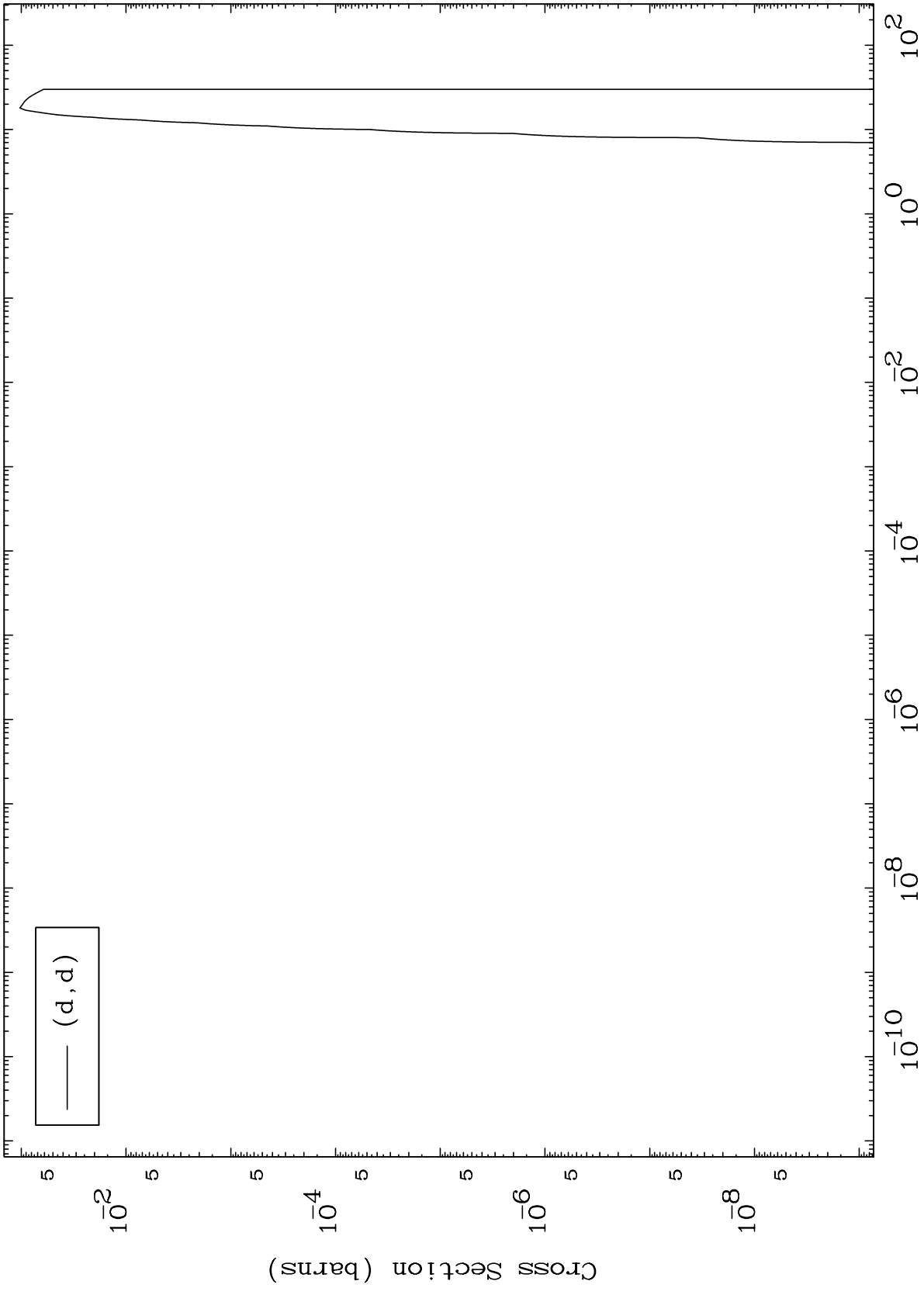
80-Hg-195



MAT 8023

(d,d) Levels
0 Kelvin Cross Sections

80-Hg-195



8

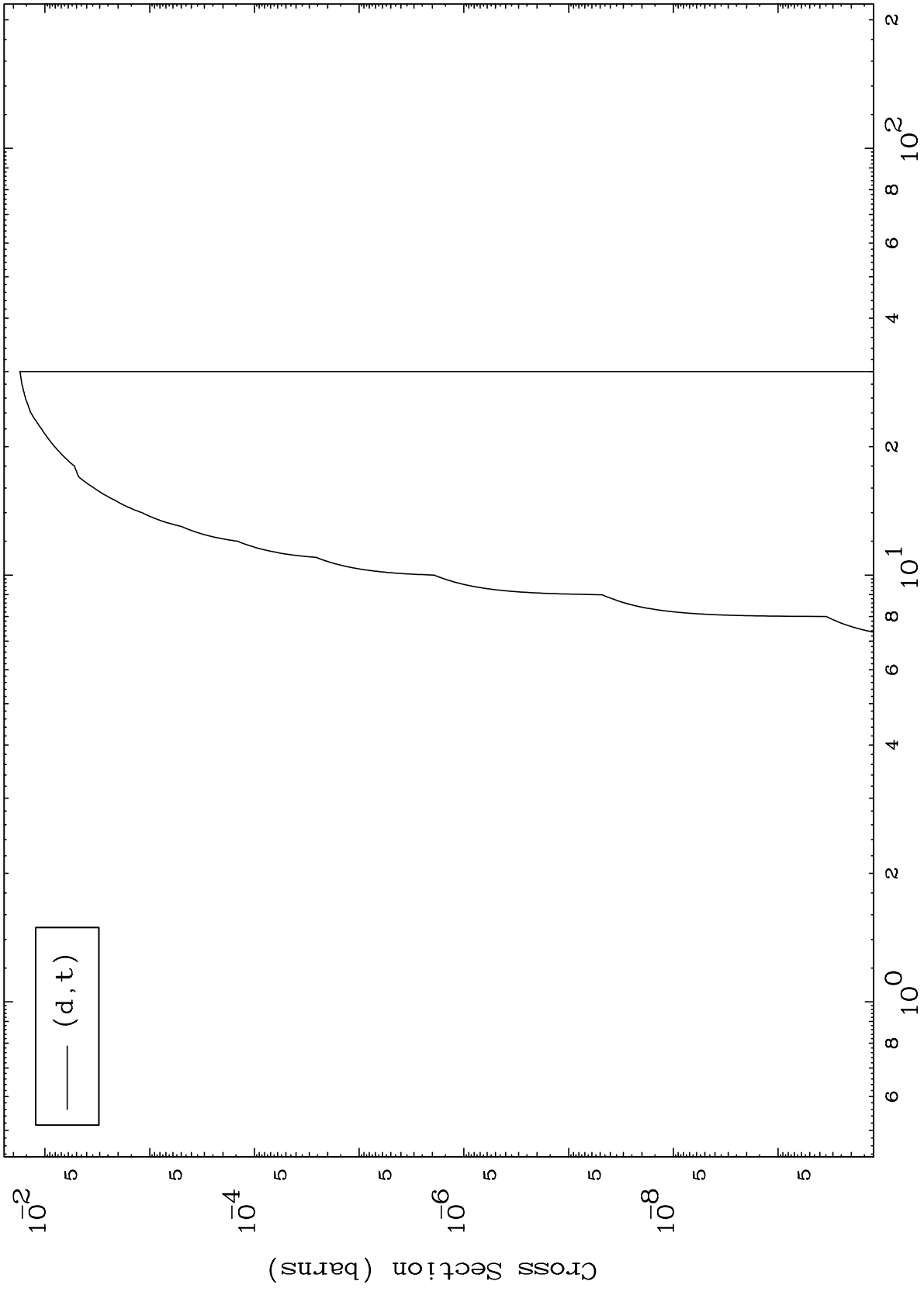
Incident Energy (MeV)

80-Hg-195

MAT 8023

(d,t) Levels
0 Kelvin Cross Sections

80-Hg-195



9

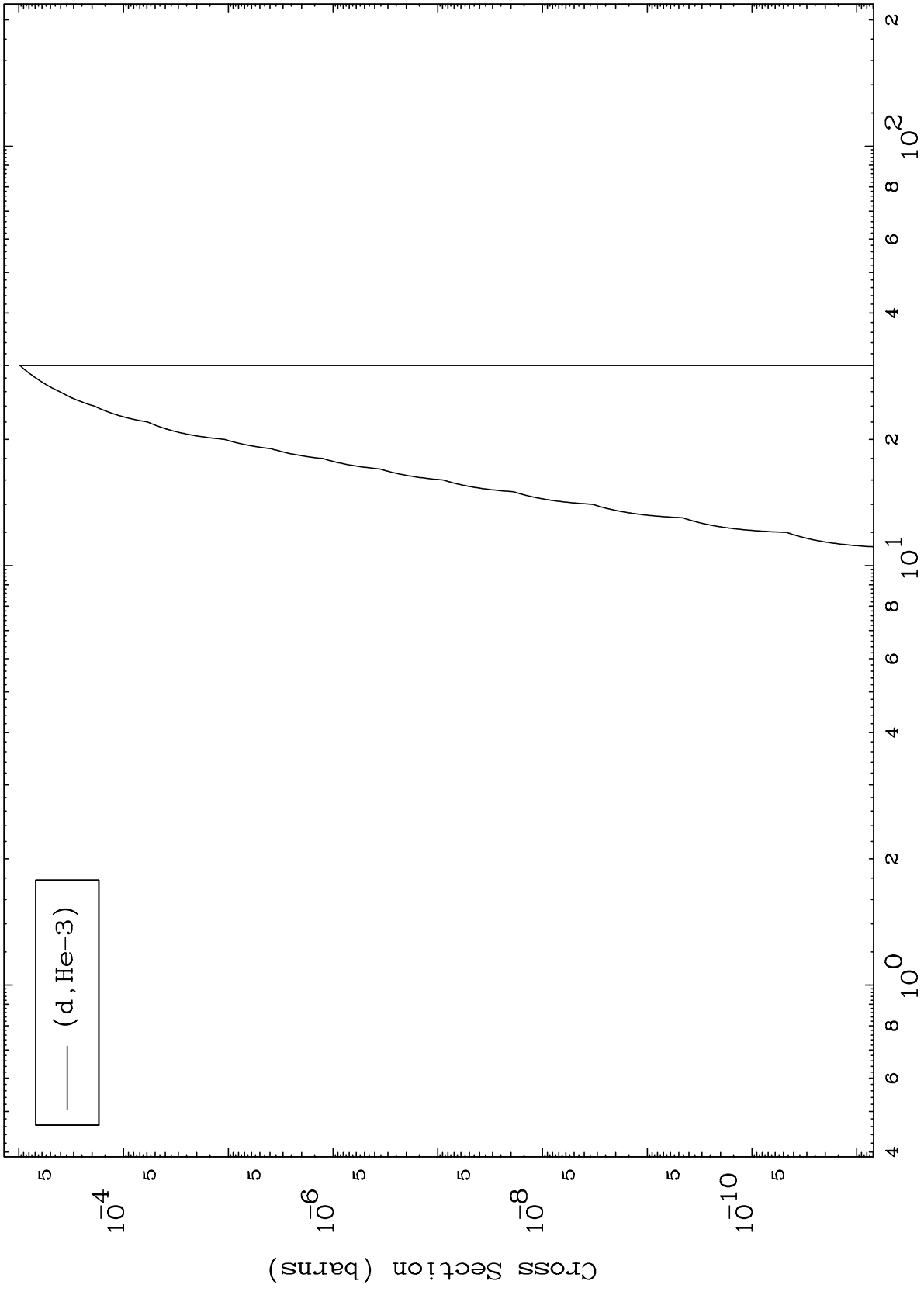
Incident Energy (MeV)

80-Hg-195

MAT 8023

(d,He3) Levels
0 Kelvin Cross Sections

80-Hg-195



10

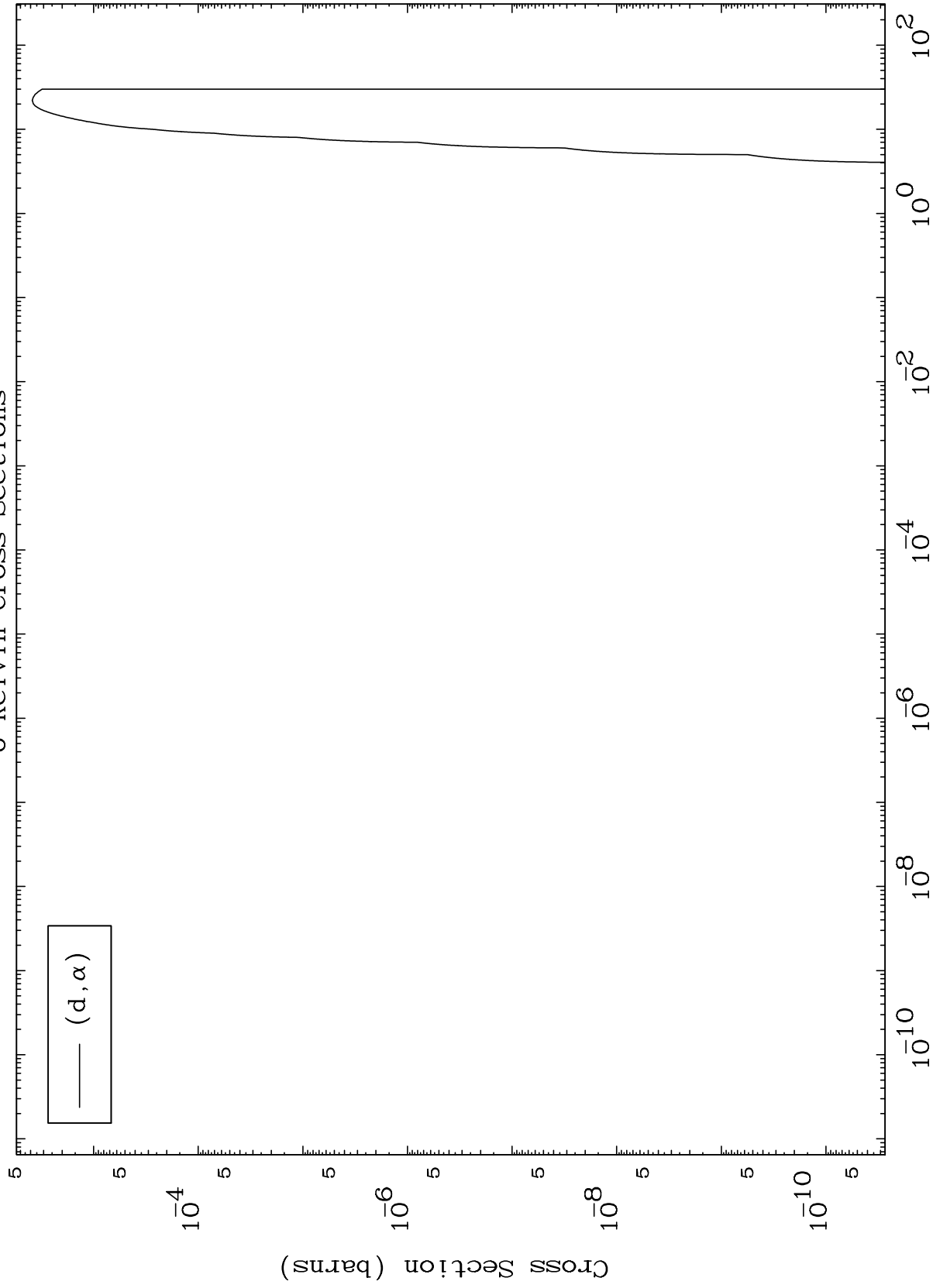
Incident Energy (MeV)

80-Hg-195

MAT 8023

(d, α) Levels
0 Kelvin Cross Sections

80-Hg-195



11

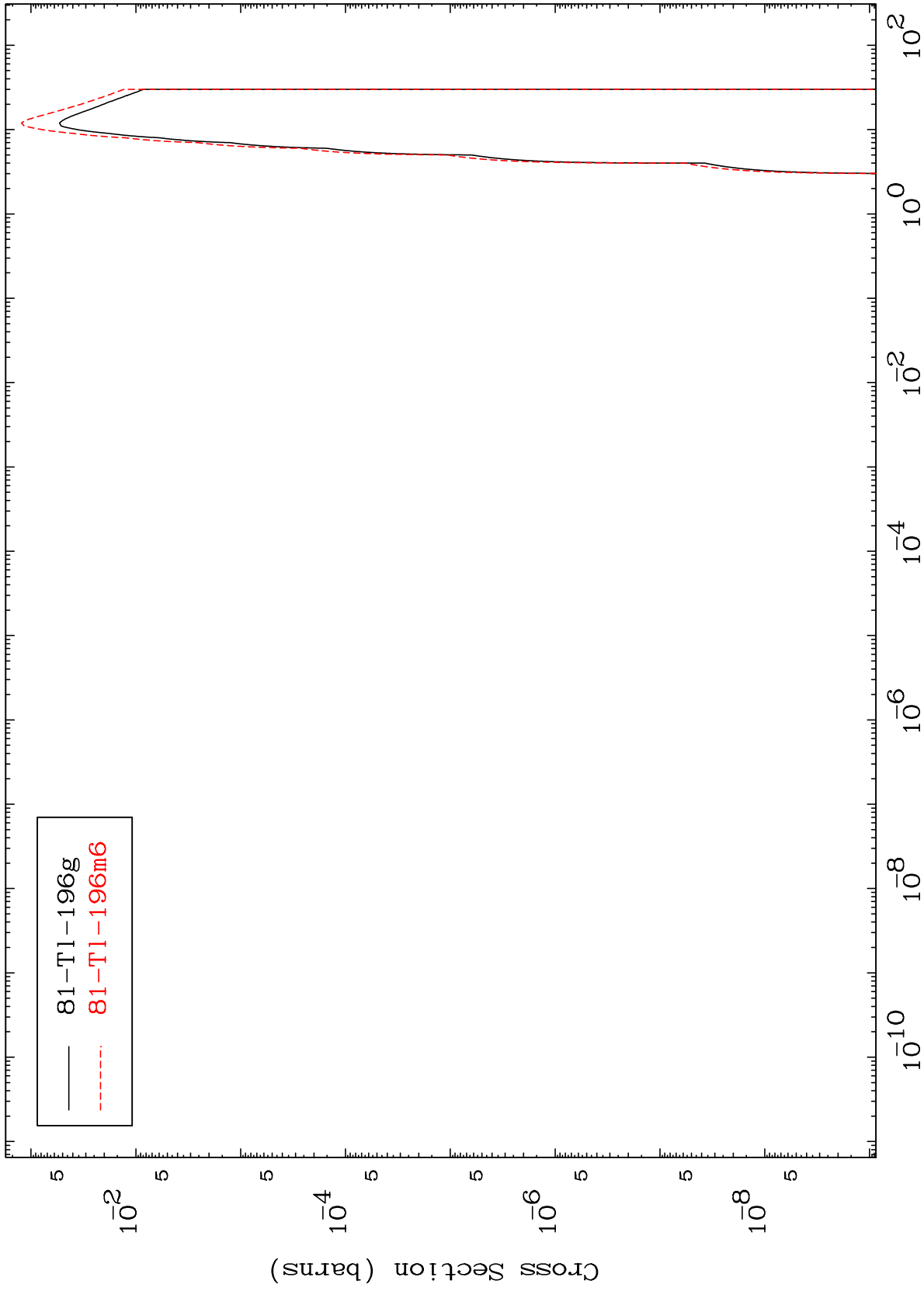
Incident Energy (MeV)

80-Hg-195

MAT 8023

Deuteron Inelastic
Radionuclide Production Cross Section

80-Hg-195



12

Incident Energy (MeV)

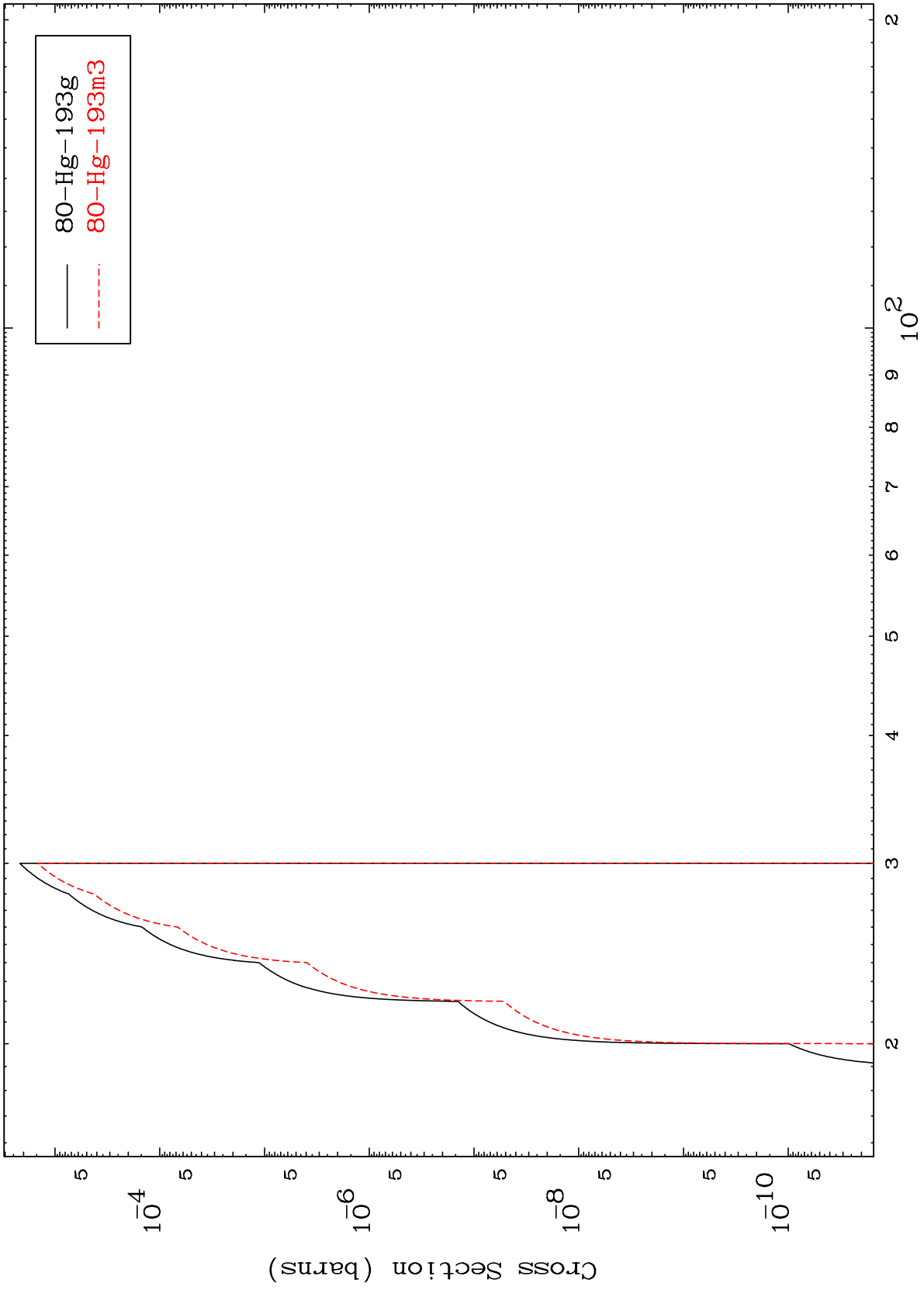
80-Hg-195

MAT 8023

(d,2n) d

80-Hg-195

Radionuclide Production Cross Section



13

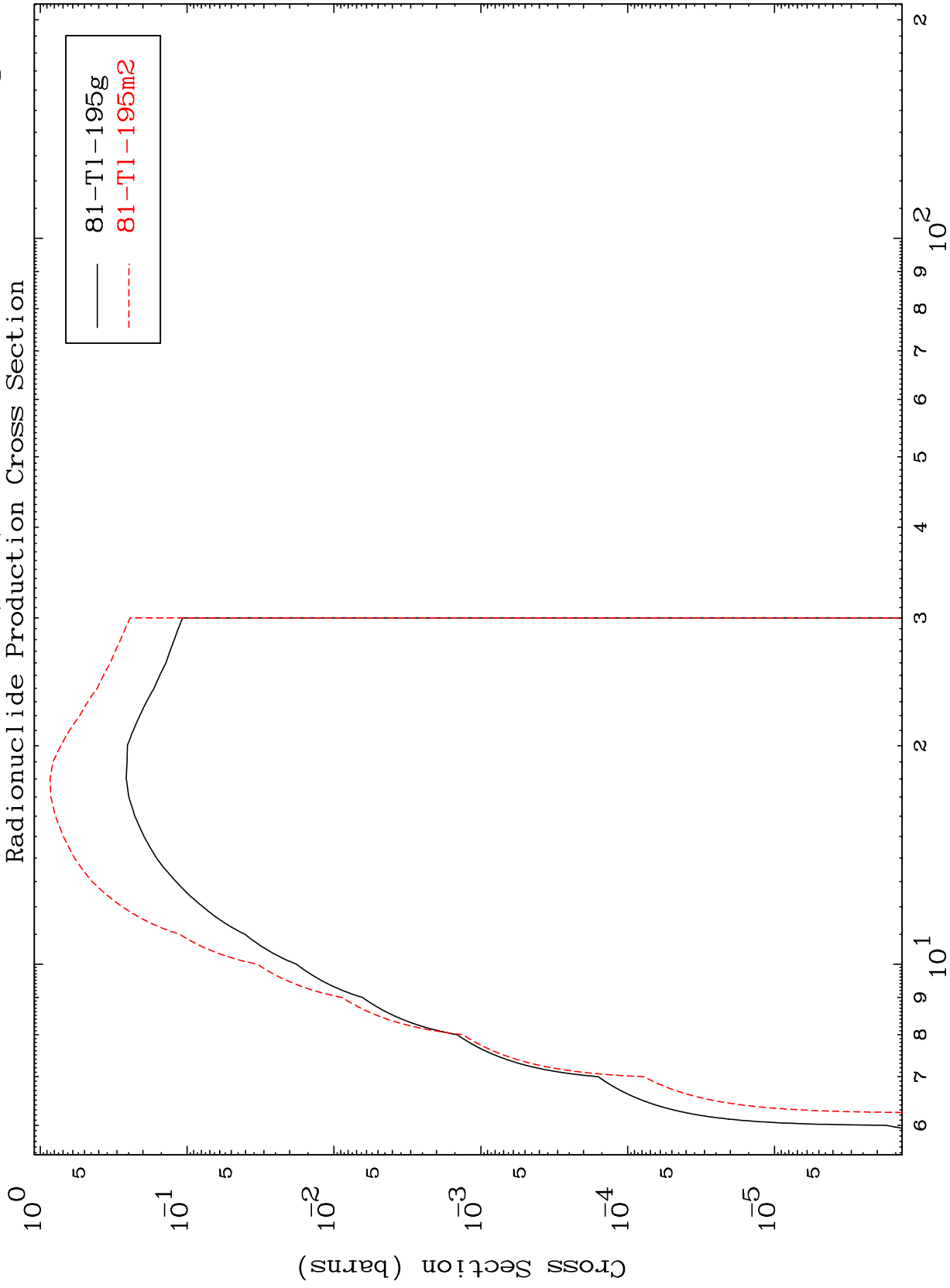
Incident Energy (MeV)

80-Hg-195

MAT 8023

80-Hg-195

Radionuclide Production Cross Section
(d,2n)



14

Incident Energy (MeV)

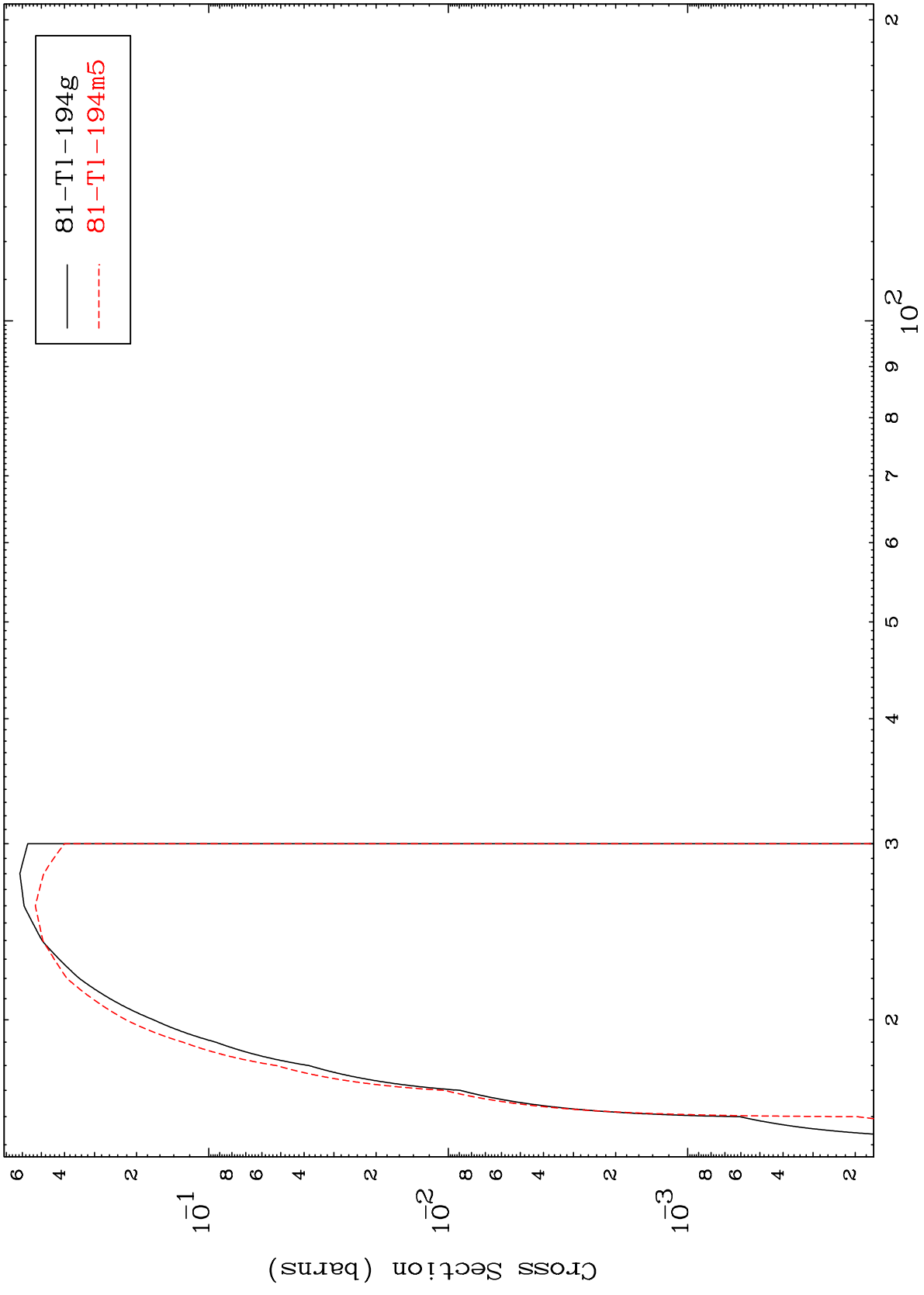
80-Hg-195

MAT 8023

(d,3n)

80-Hg-195

Radionuclide Production Cross Section



15

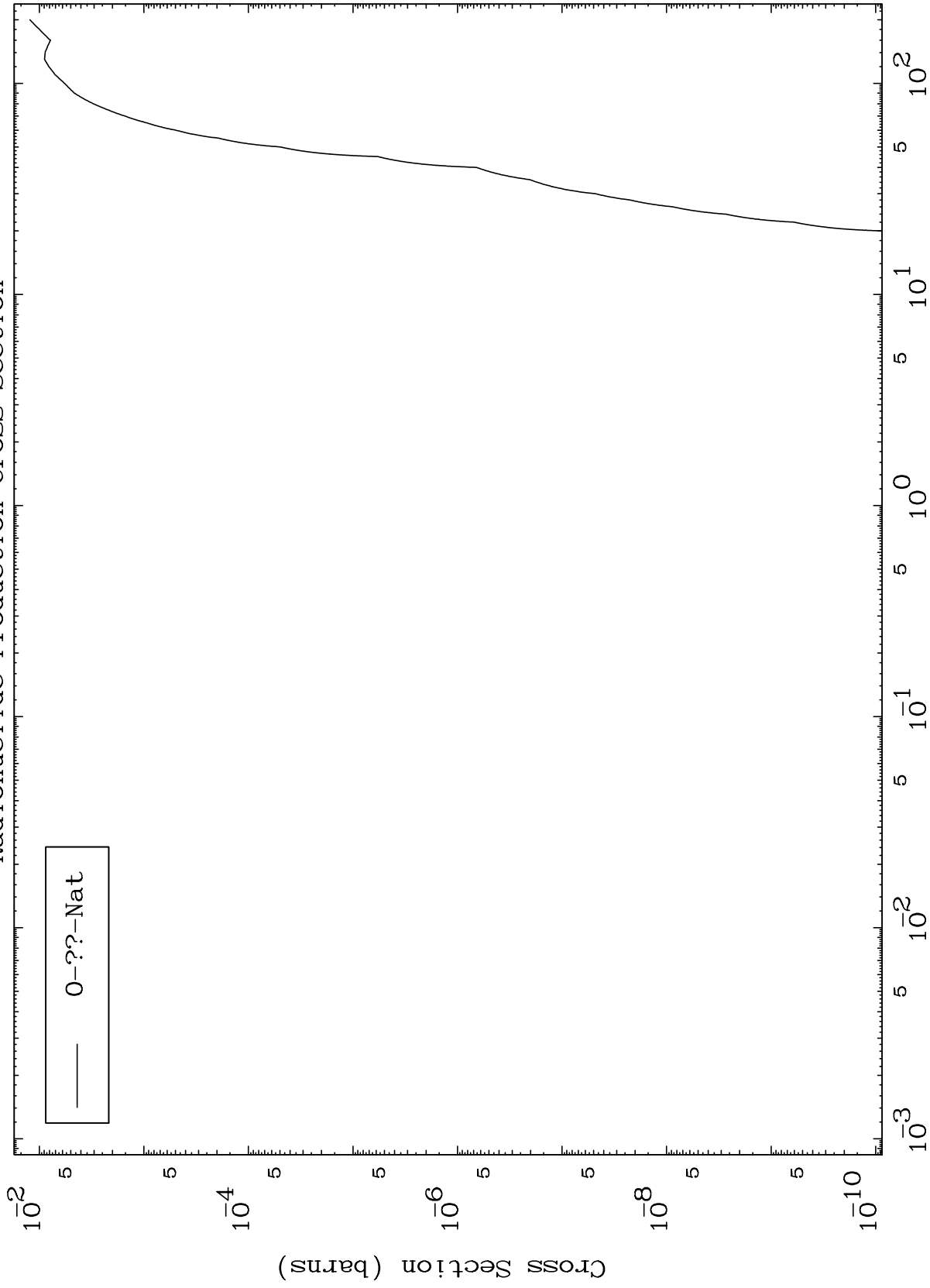
Incident Energy (MeV)

80-Hg-195

MAT 8023

Deuteron Fission
Radionuclide Production Cross Section

80-Hg-195



16

Incident Energy (MeV)

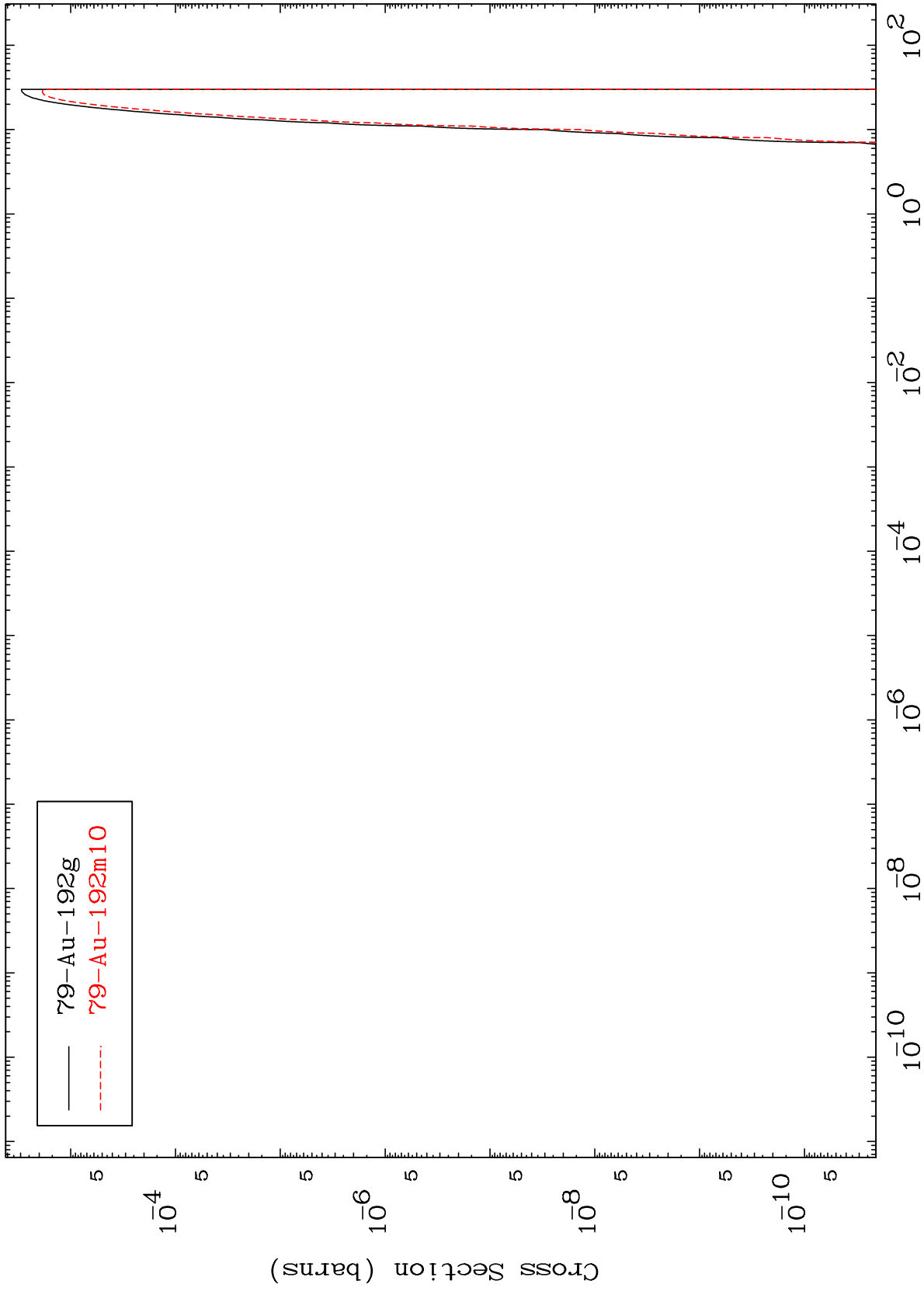
80-Hg-195

MAT 8023

(d,n') α

80-Hg-195

Radionuclide Production Cross Section

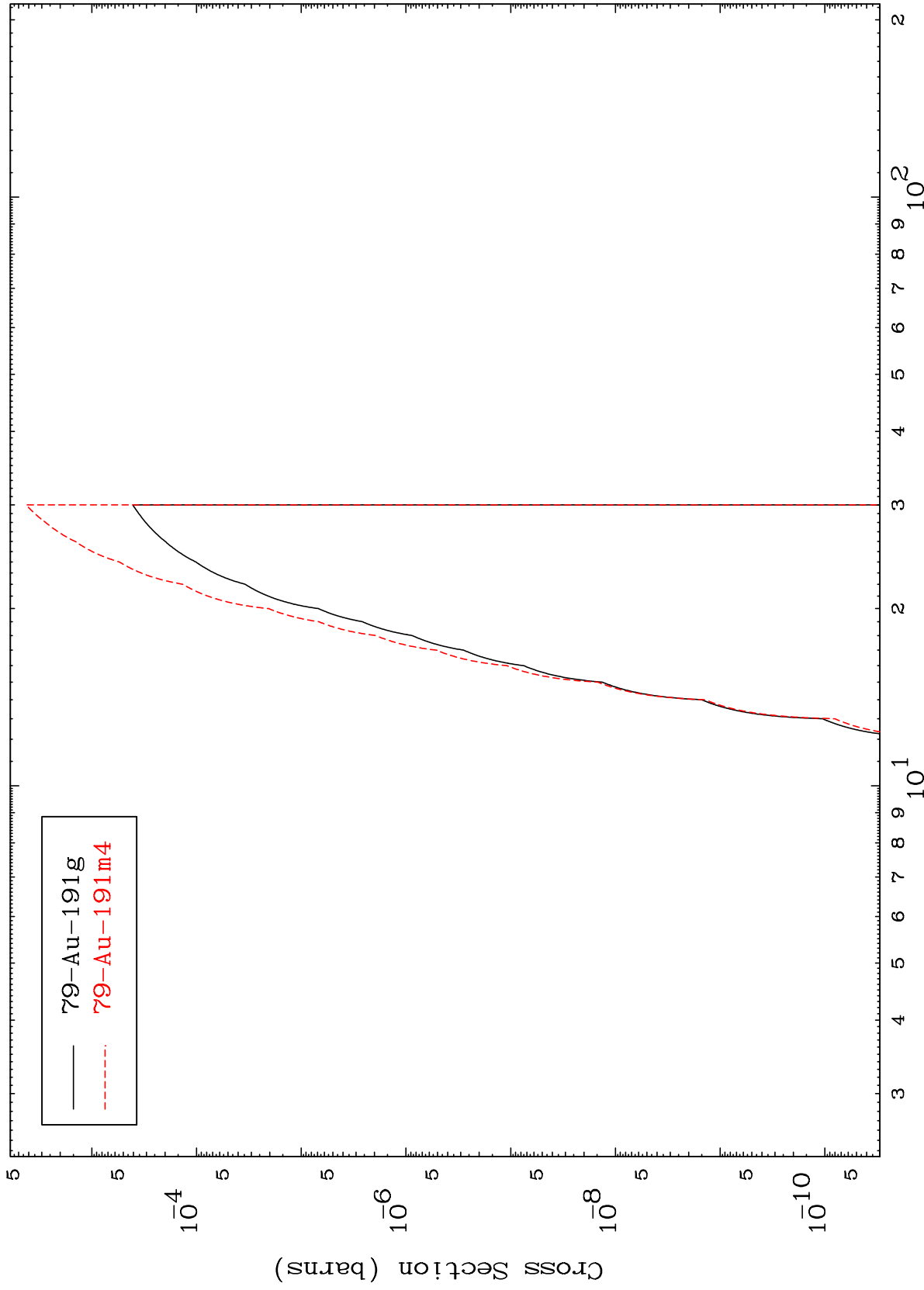


MAT 8023

(d,2n) α

80-Hg-195

Radionuclide Production Cross Section



18

Incident Energy (MeV)

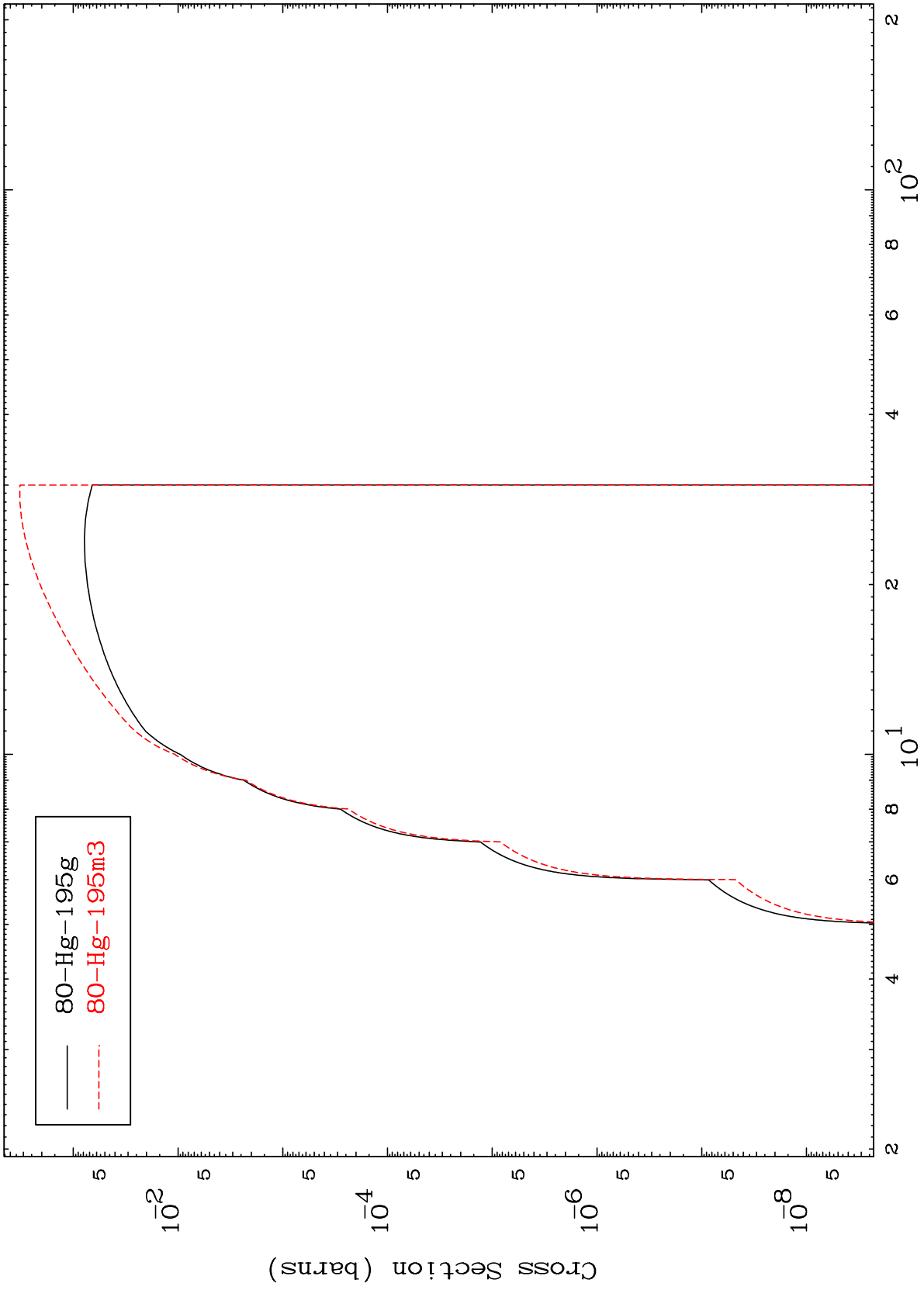
80-Hg-195

MAT 8023

(d,n') p

80-Hg-195

Radionuclide Production Cross Section



19

Incident Energy (MeV)

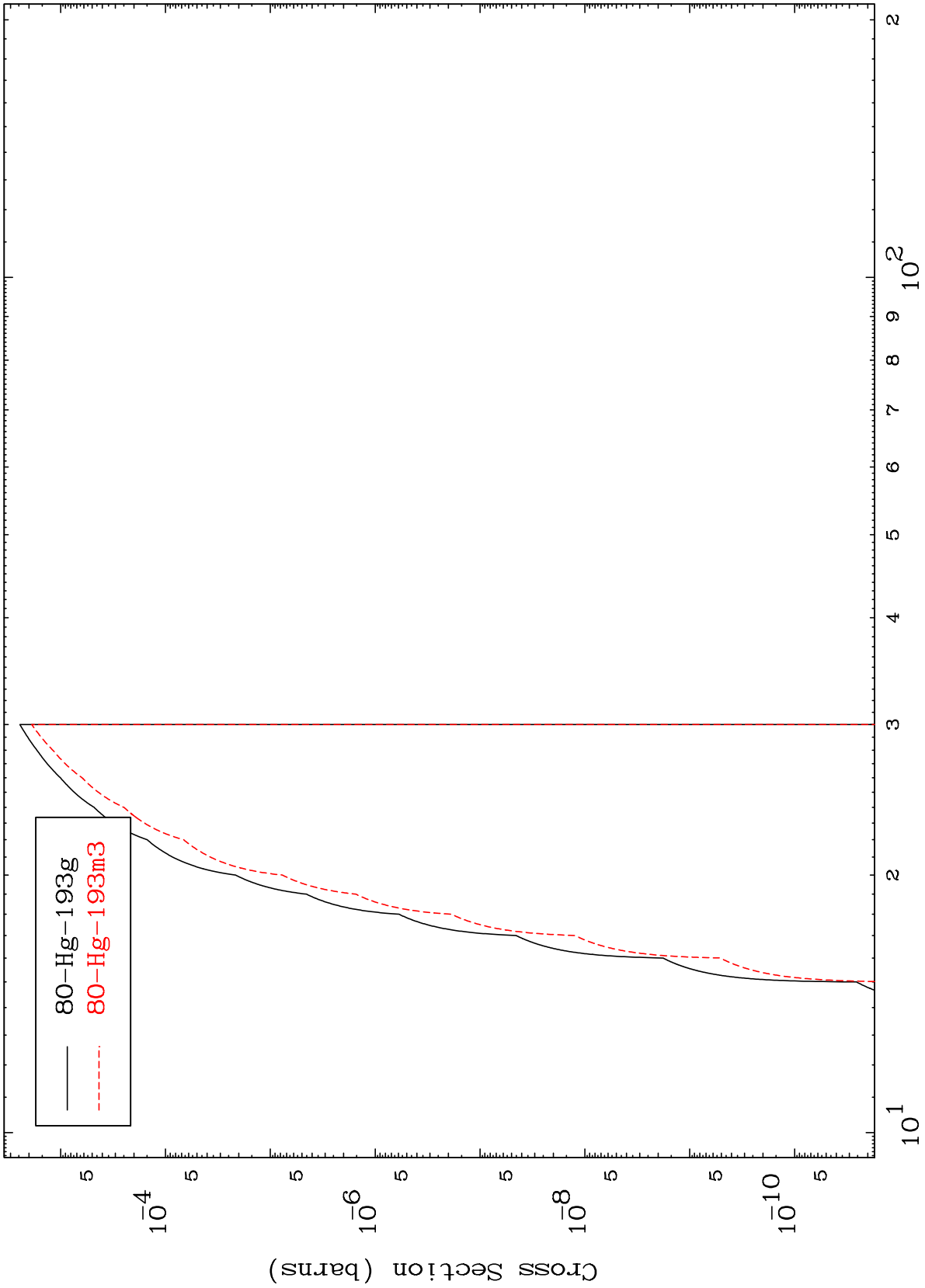
80-Hg-195

MAT 8023

(d,n') t

80-Hg-195

Radionuclide Production Cross Section



20

Incident Energy (MeV)

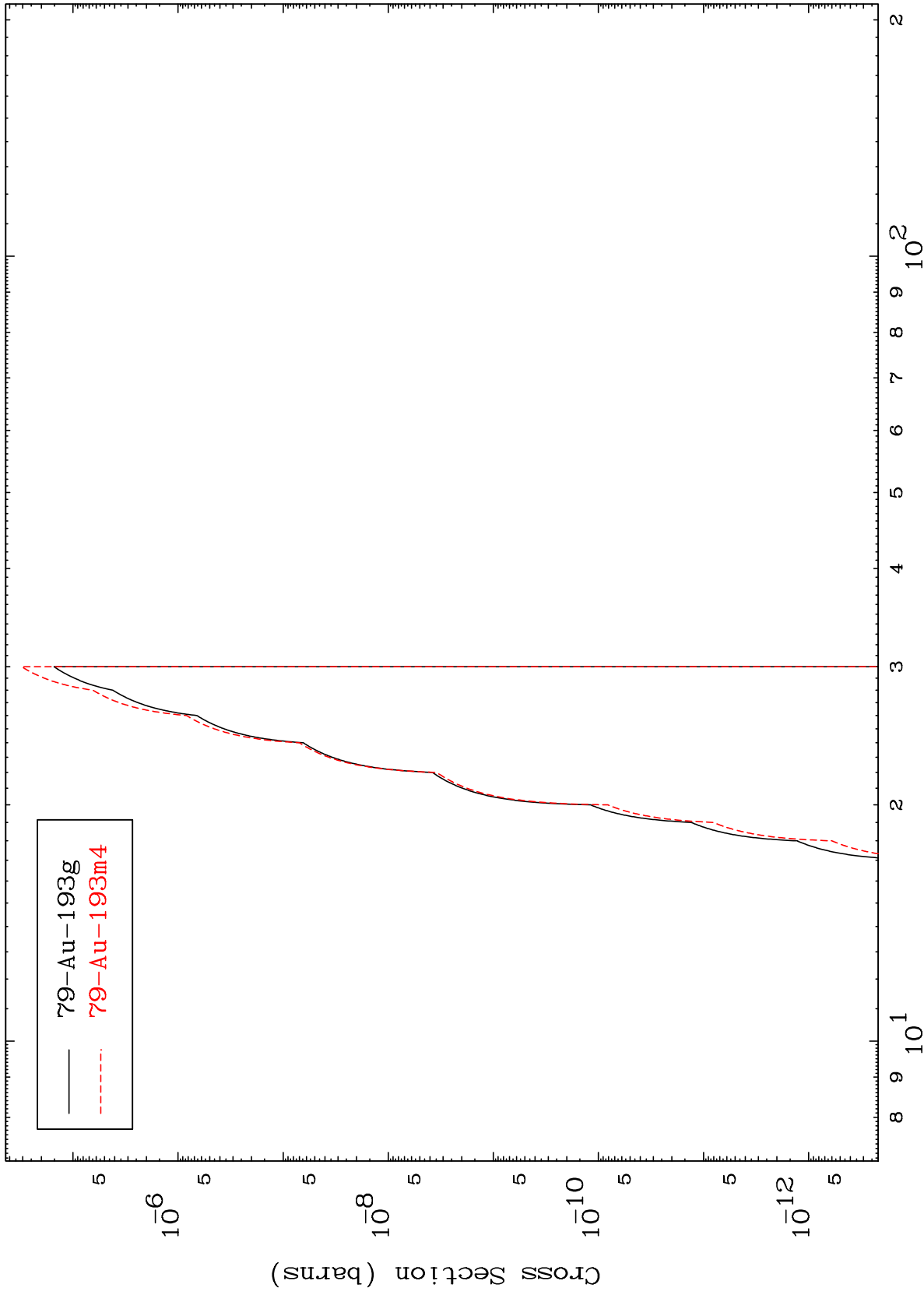
80-Hg-195

MAT 8023

(d, n') He-3

80-Hg-195

Radionuclide Production Cross Section



21

Incident Energy (MeV)

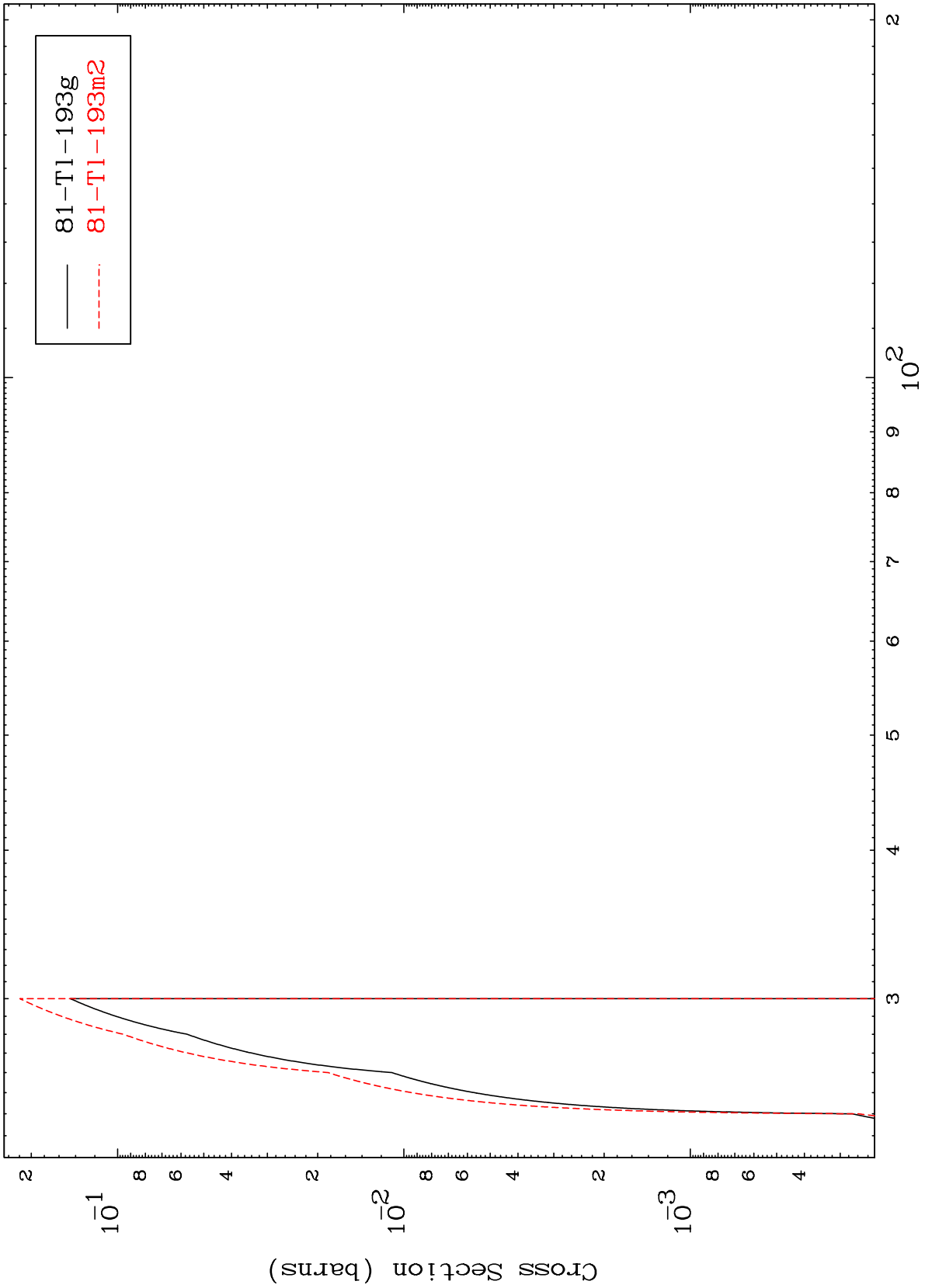
80-Hg-195

MAT 8023

(d,4n)

80-Hg-195

Radionuclide Production Cross Section



22

Incident Energy (MeV)

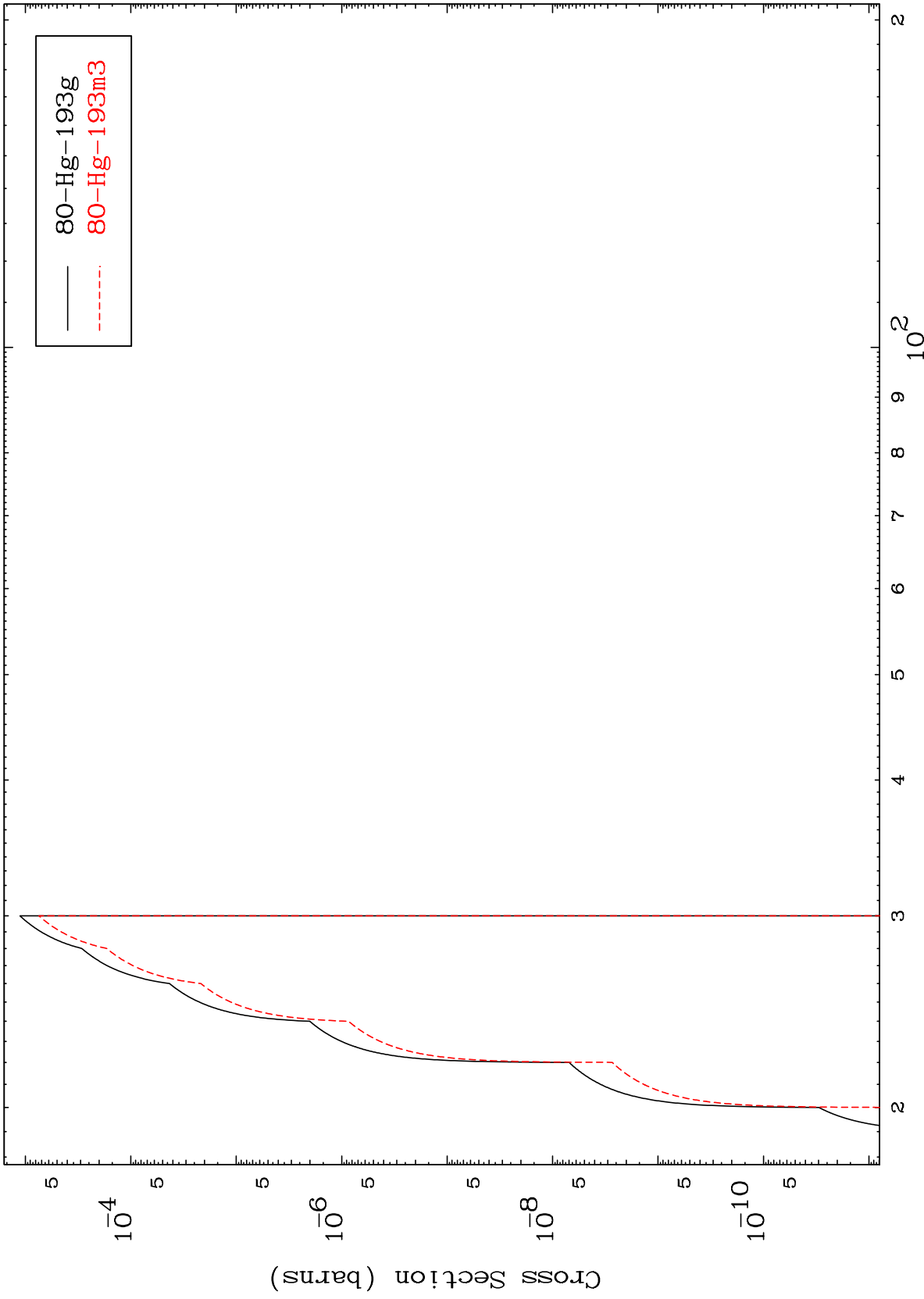
80-Hg-195

MAT 8023

(d,3n) p

80-Hg-195

Radionuclide Production Cross Section



23

Incident Energy (MeV)

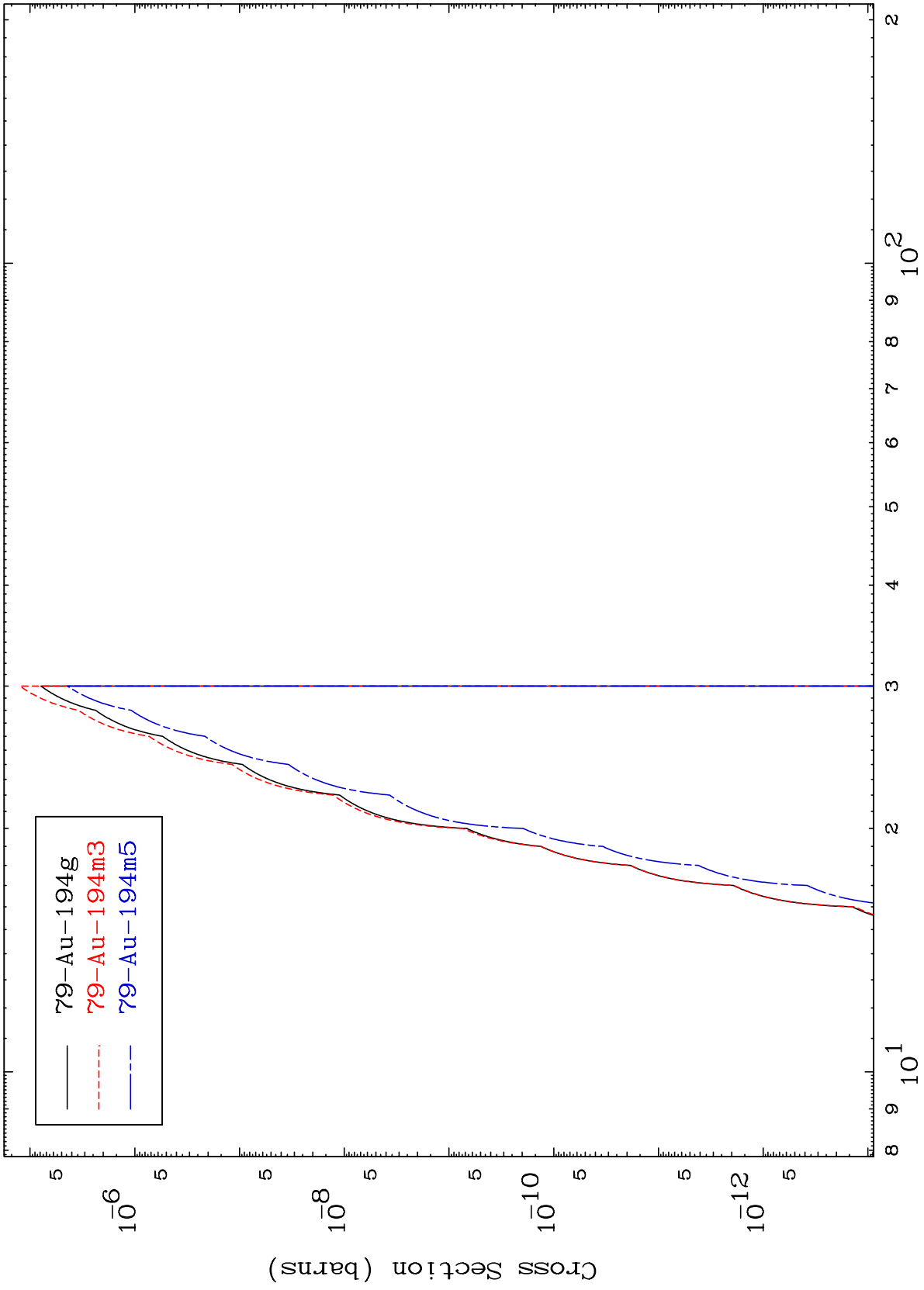
80-Hg-195

MAT 8023

(d,2n) p

80-Hg-195

Radionuclide Production Cross Section



24

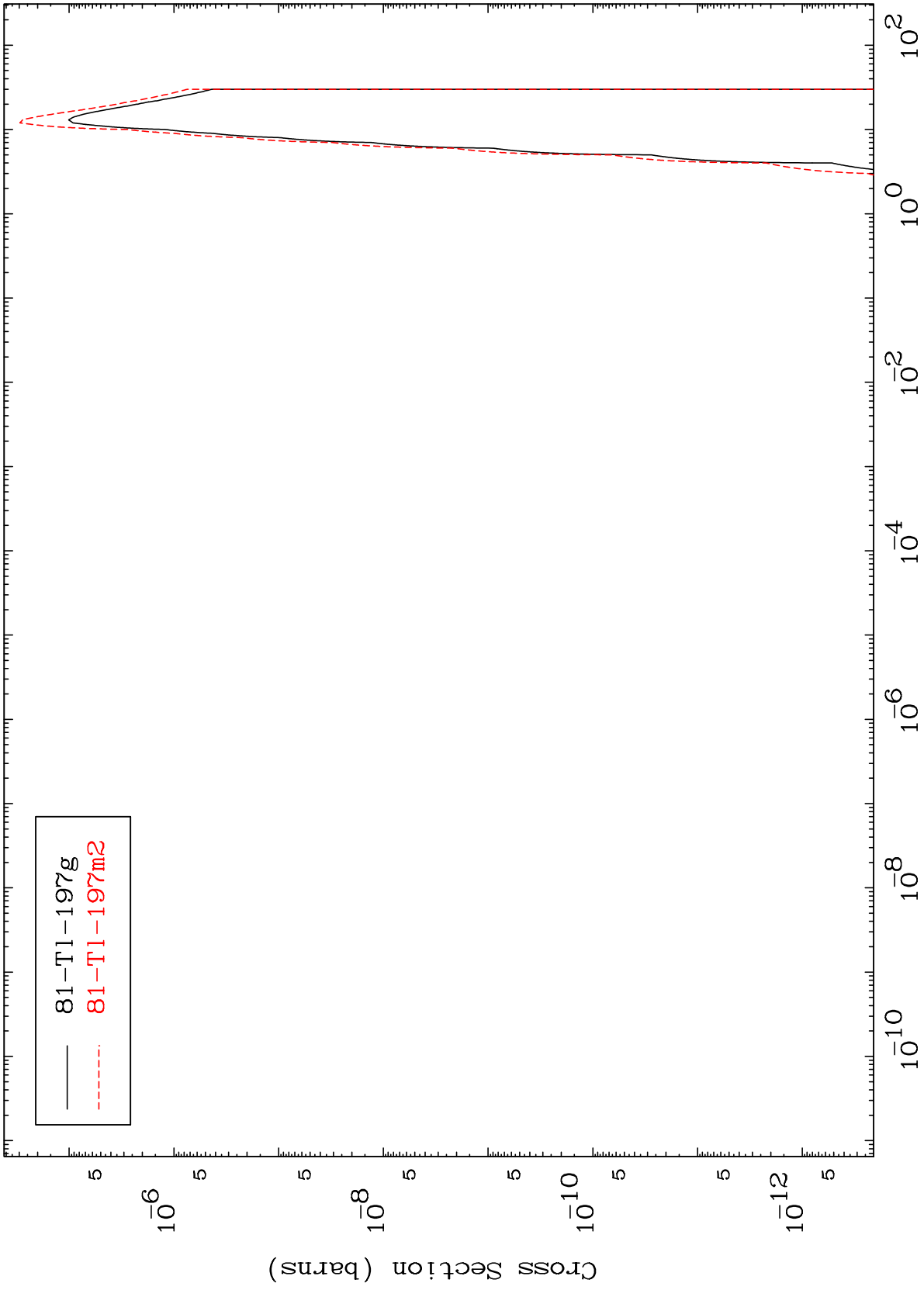
Incident Energy (MeV)

80-Hg-195

MAT 8023

(d, γ)
Radionuclide Production Cross Section

80-Hg-195



25

Incident Energy (MeV)

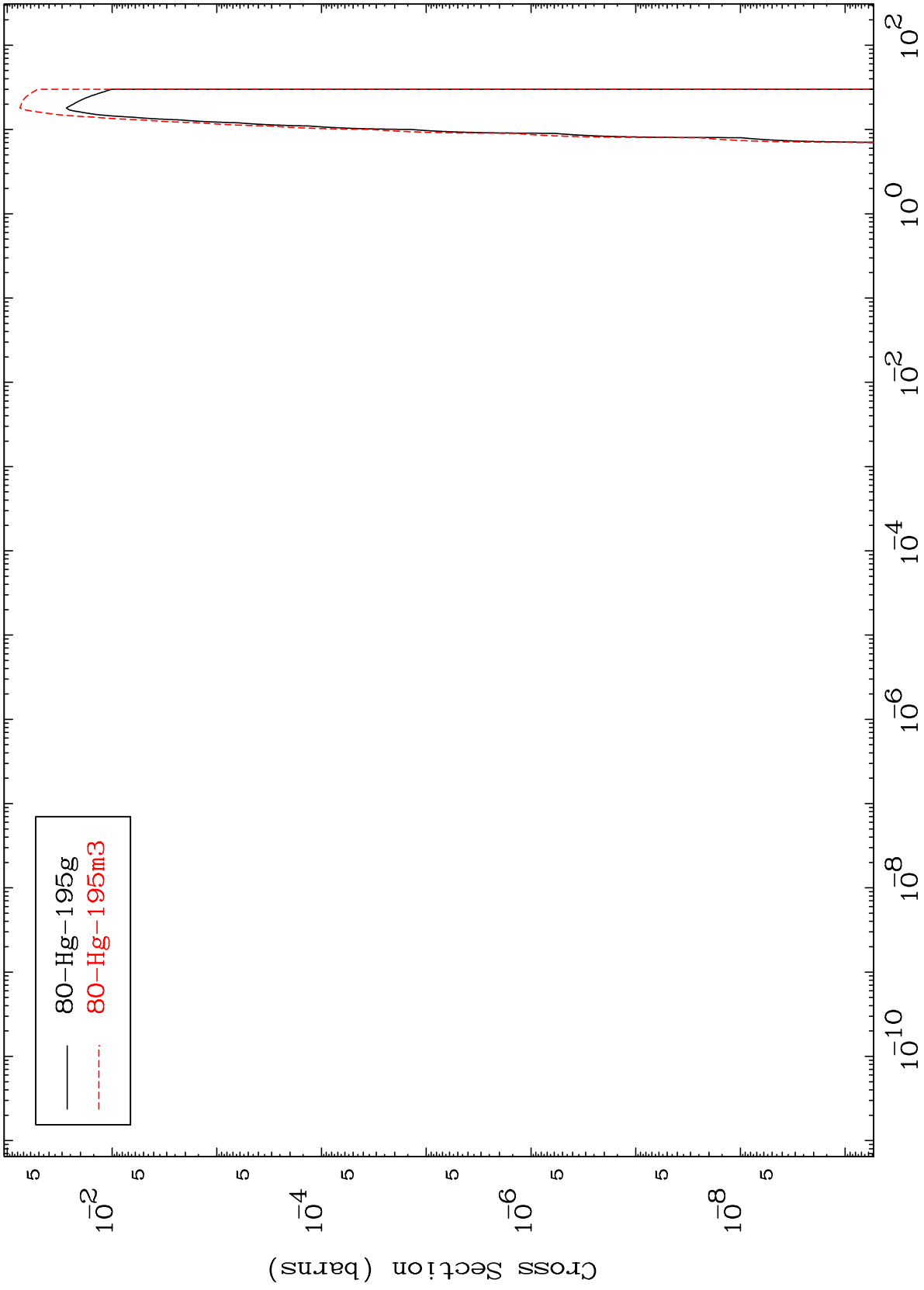
80-Hg-195

MAT 8023

(d,d)

80-Hg-195

Radionuclide Production Cross Section

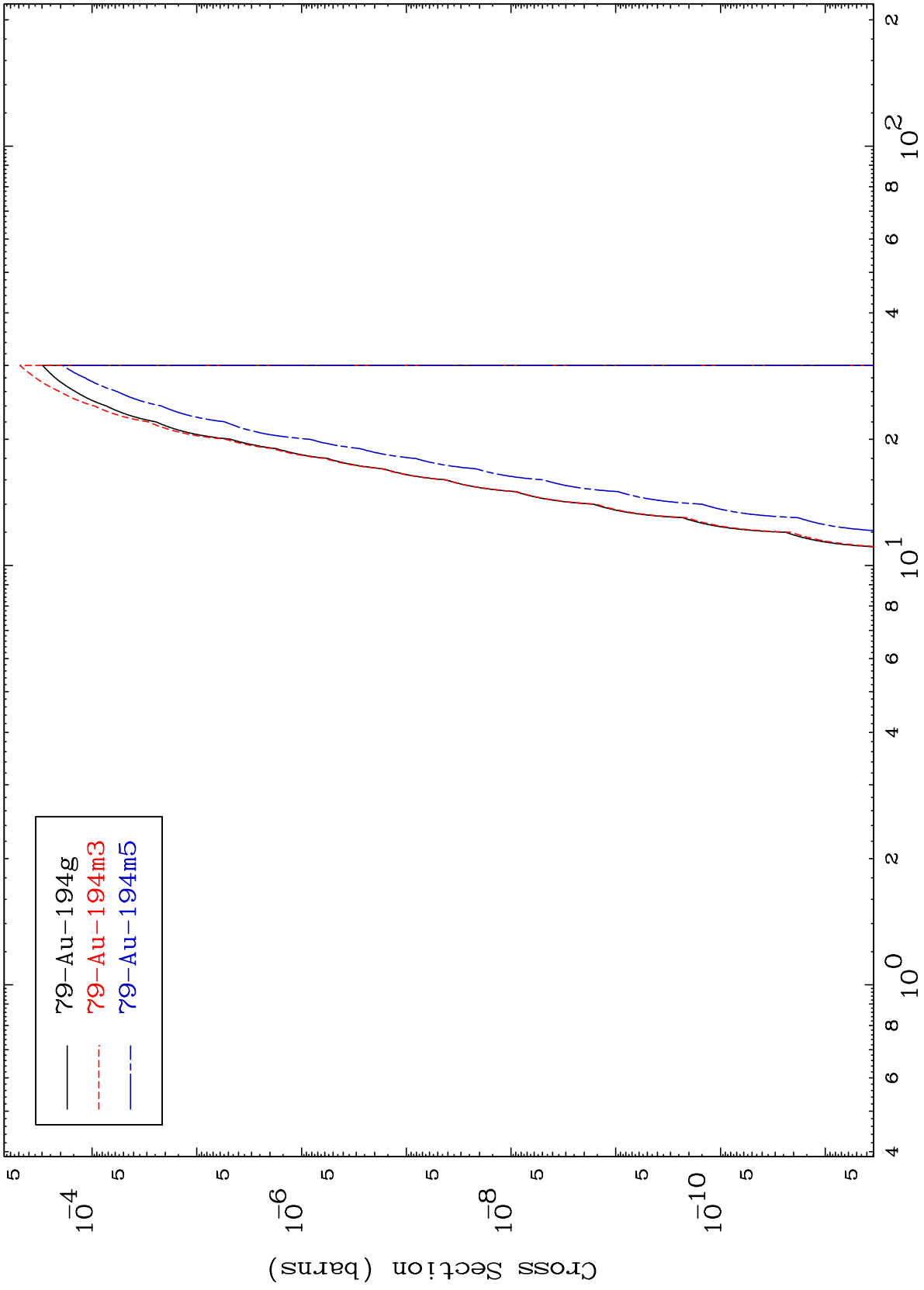


MAT 8023

(d, He-3)

80-Hg-195

Radionuclide Production Cross Section



27

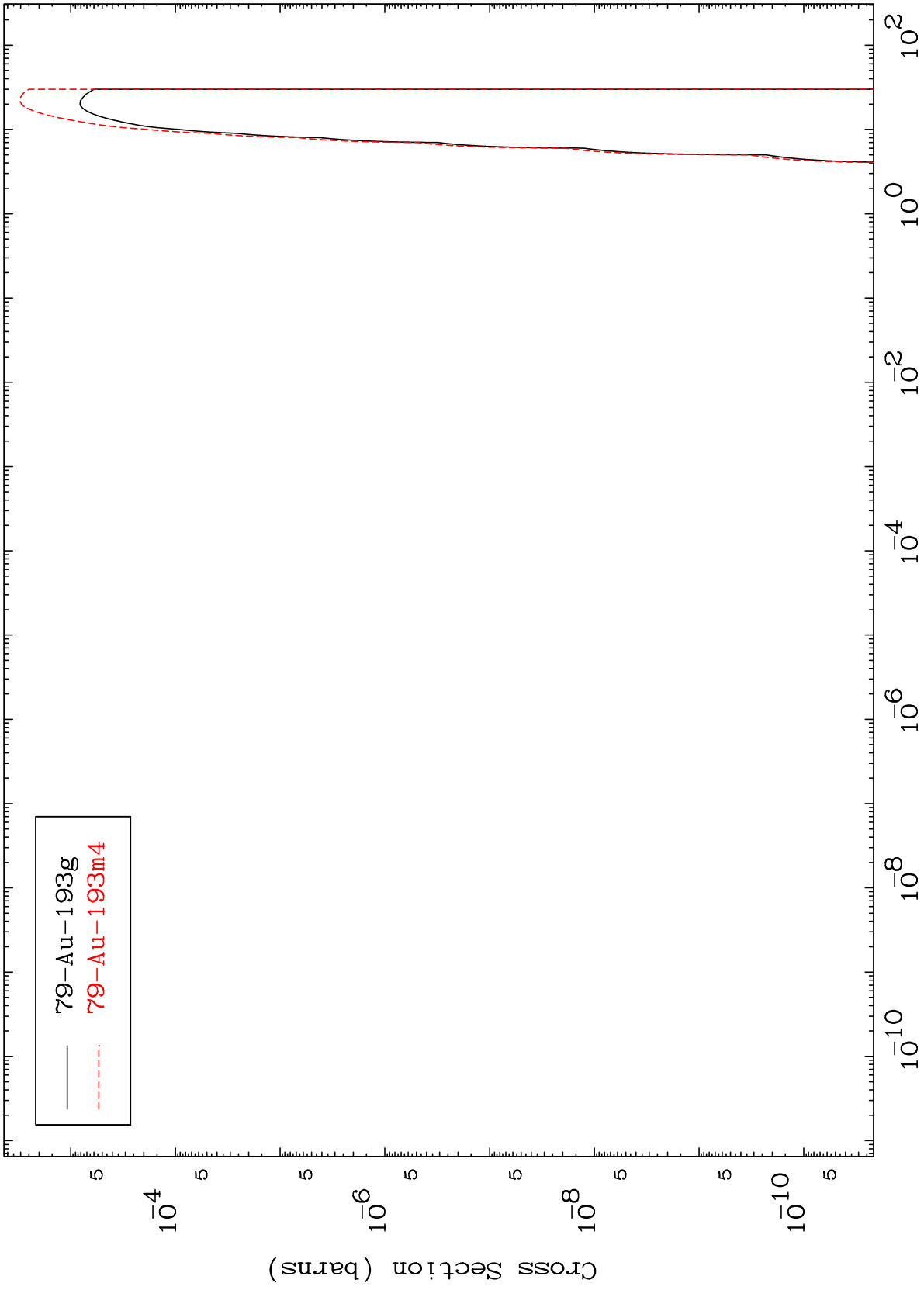
Incident Energy (MeV)

80-Hg-195

MAT 8023

(d, α)
Radionuclide Production Cross Section

80-Hg-195

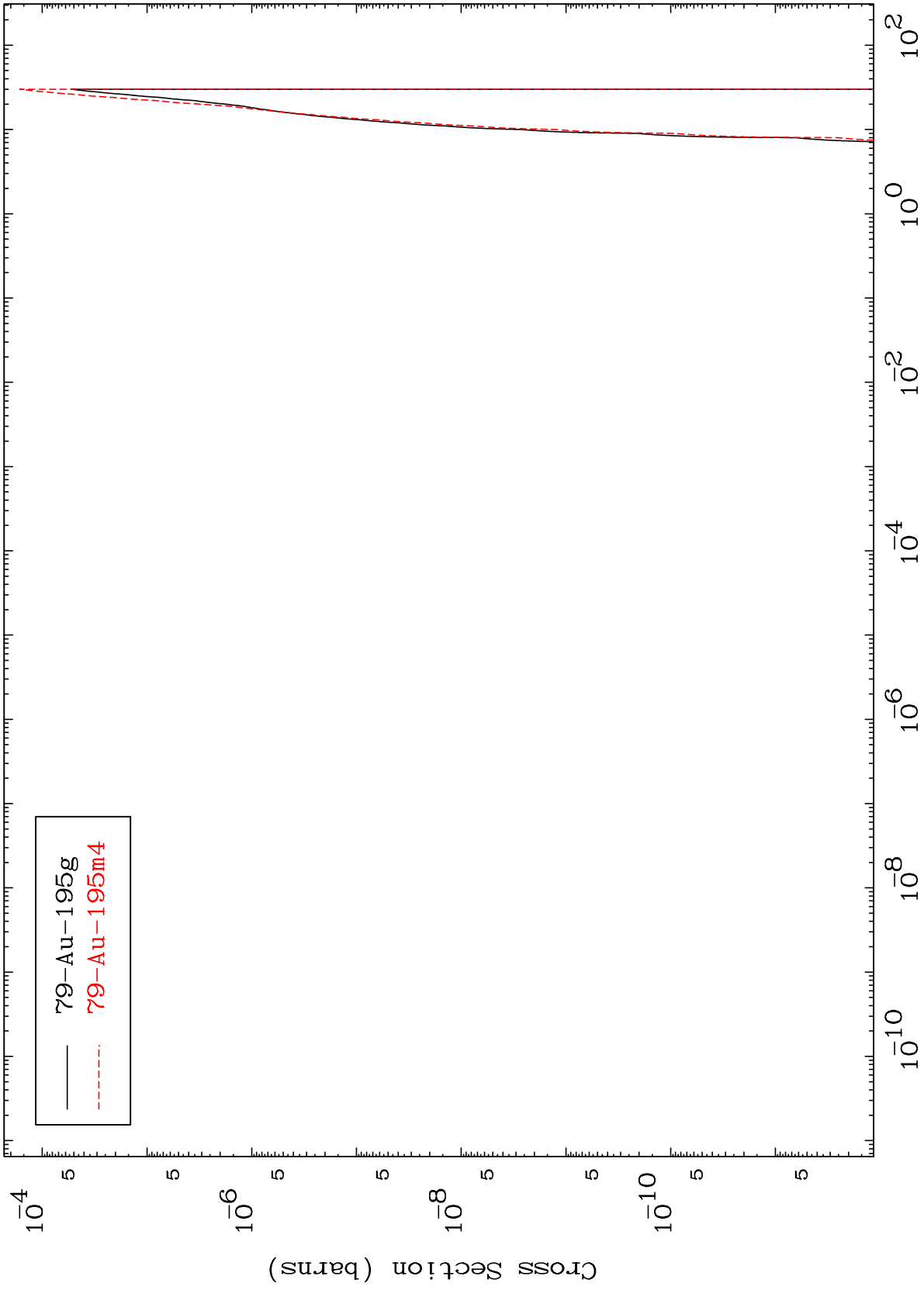


80-Hg-195

MAT 8023

(d,2p)
Radionuclide Production Cross Section

80-Hg-195



29

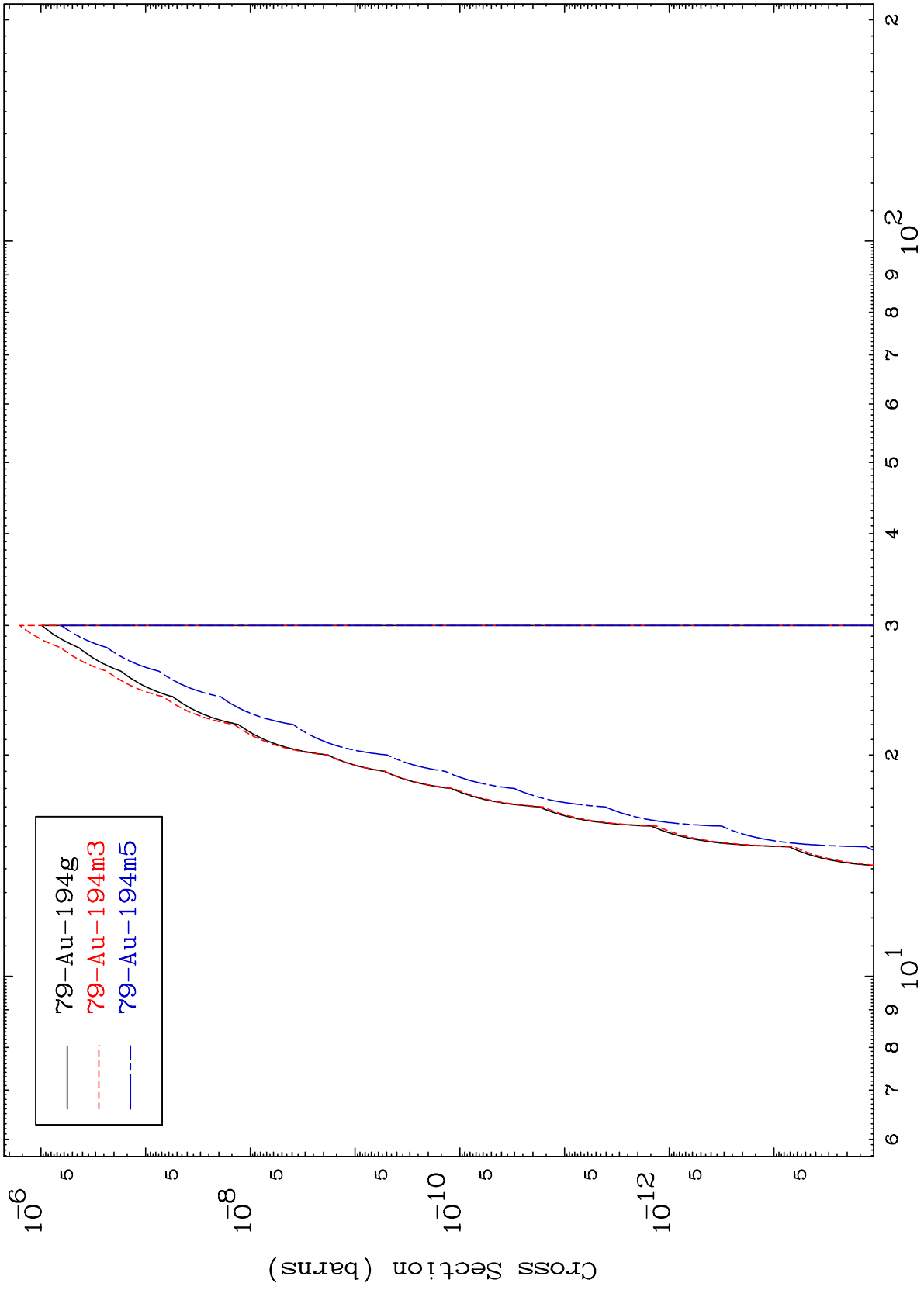
80-Hg-195

MAT 8023

(d,p) d

80-Hg-195

Radionuclide Production Cross Section



30

Incident Energy (MeV)

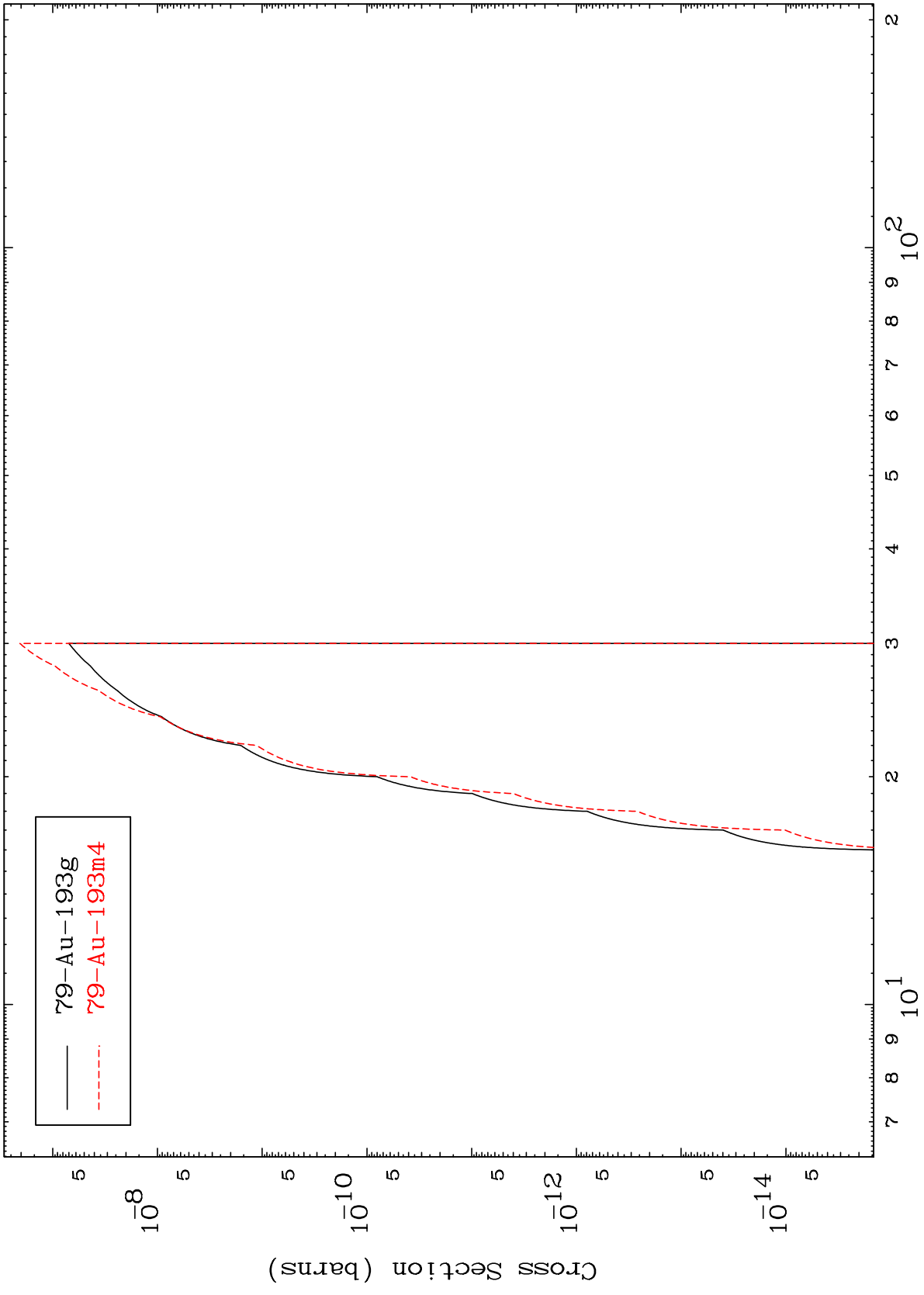
80-Hg-195

MAT 8023

(d,p) t

80-Hg-195

Radionuclide Production Cross Section



— 79-Au-193g
- - - 79-Au-193m4

31

Incident Energy (MeV)

80-Hg-195