

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

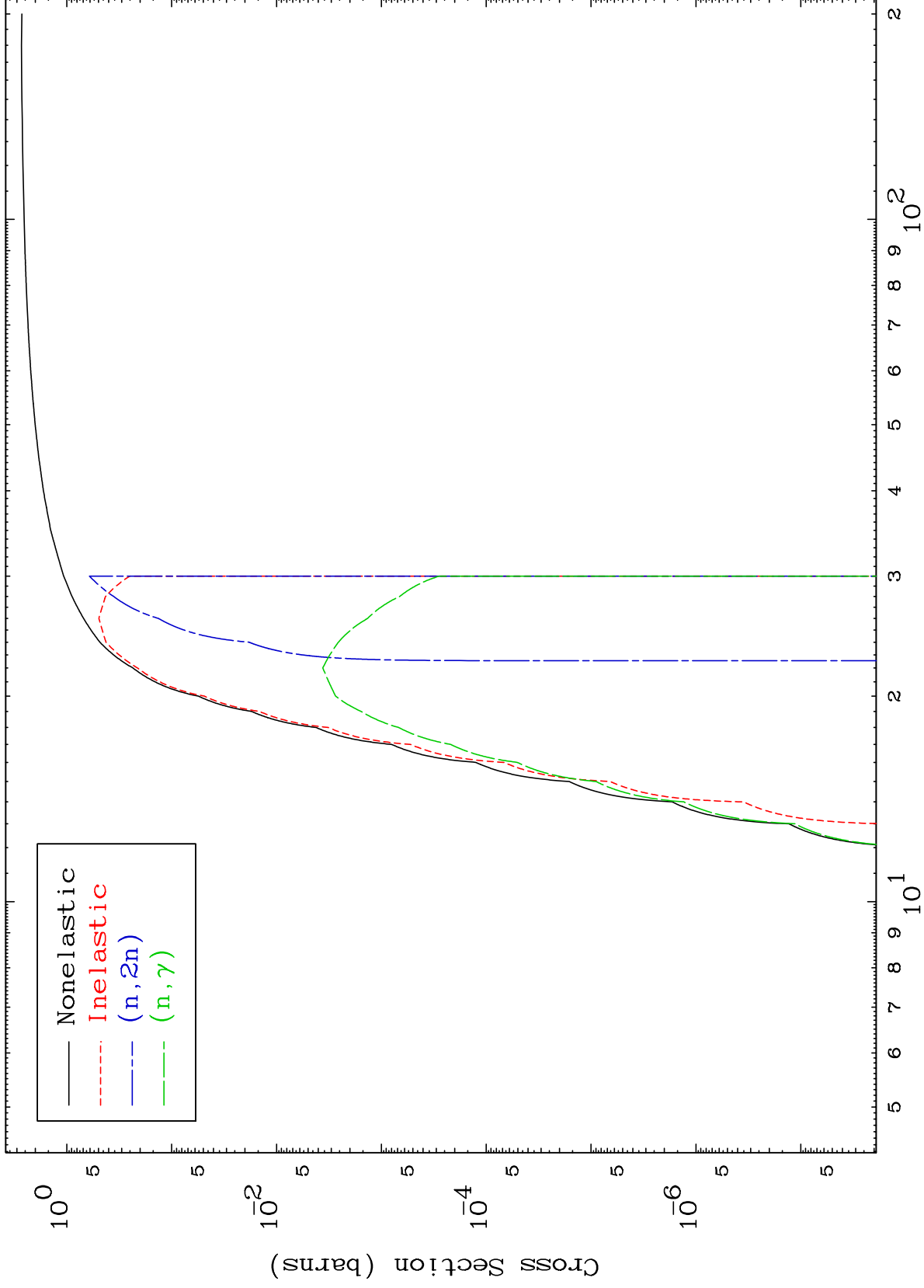
Press Mouse Button to Start

MAT 8010

0 Kelvin Cross Sections

α Major

80-Hg-191



1

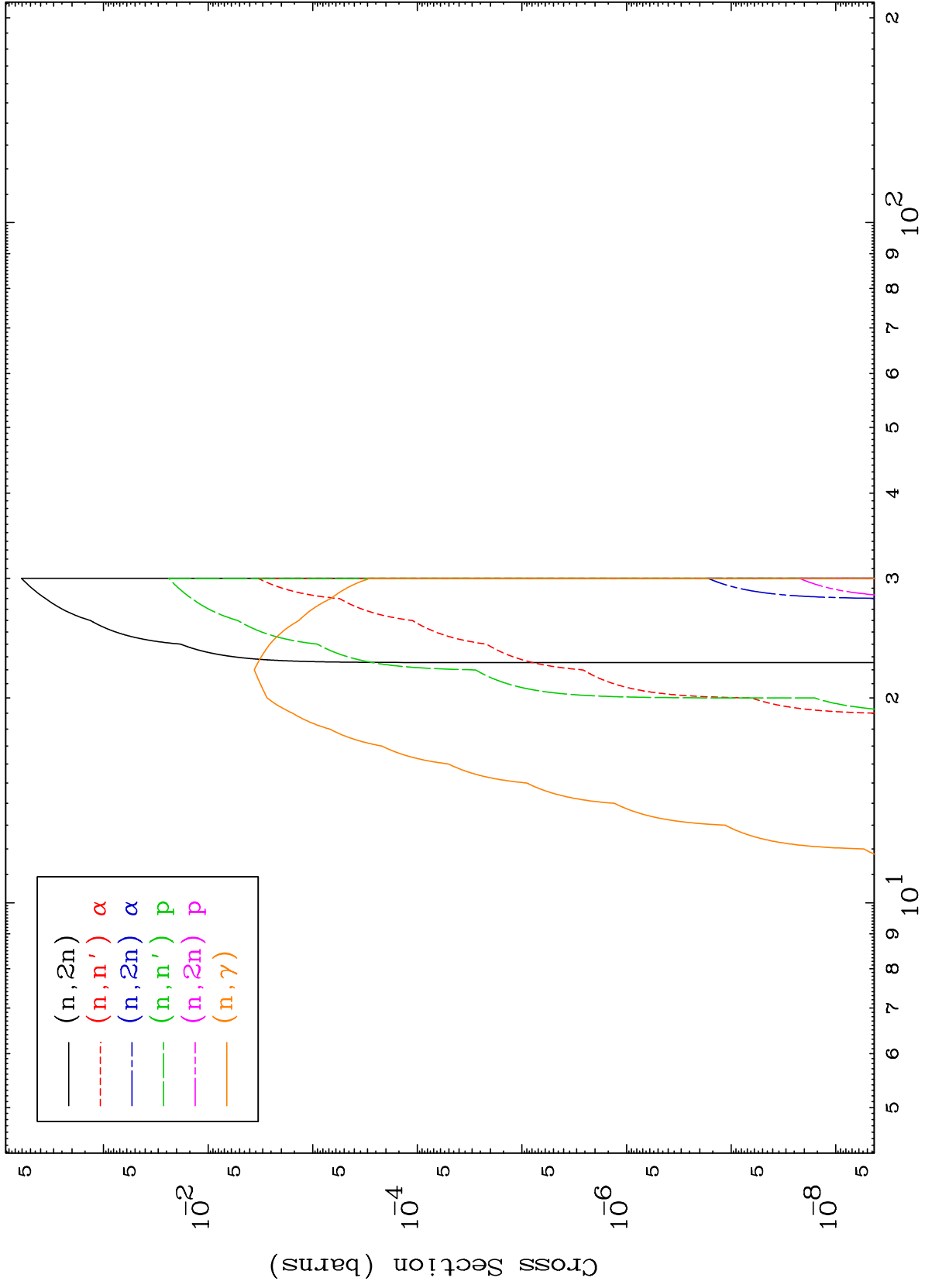
Incident Energy (MeV)

80-Hg-191

MAT 8010

α Neutron Absorption
0 Kelvin Cross Sections

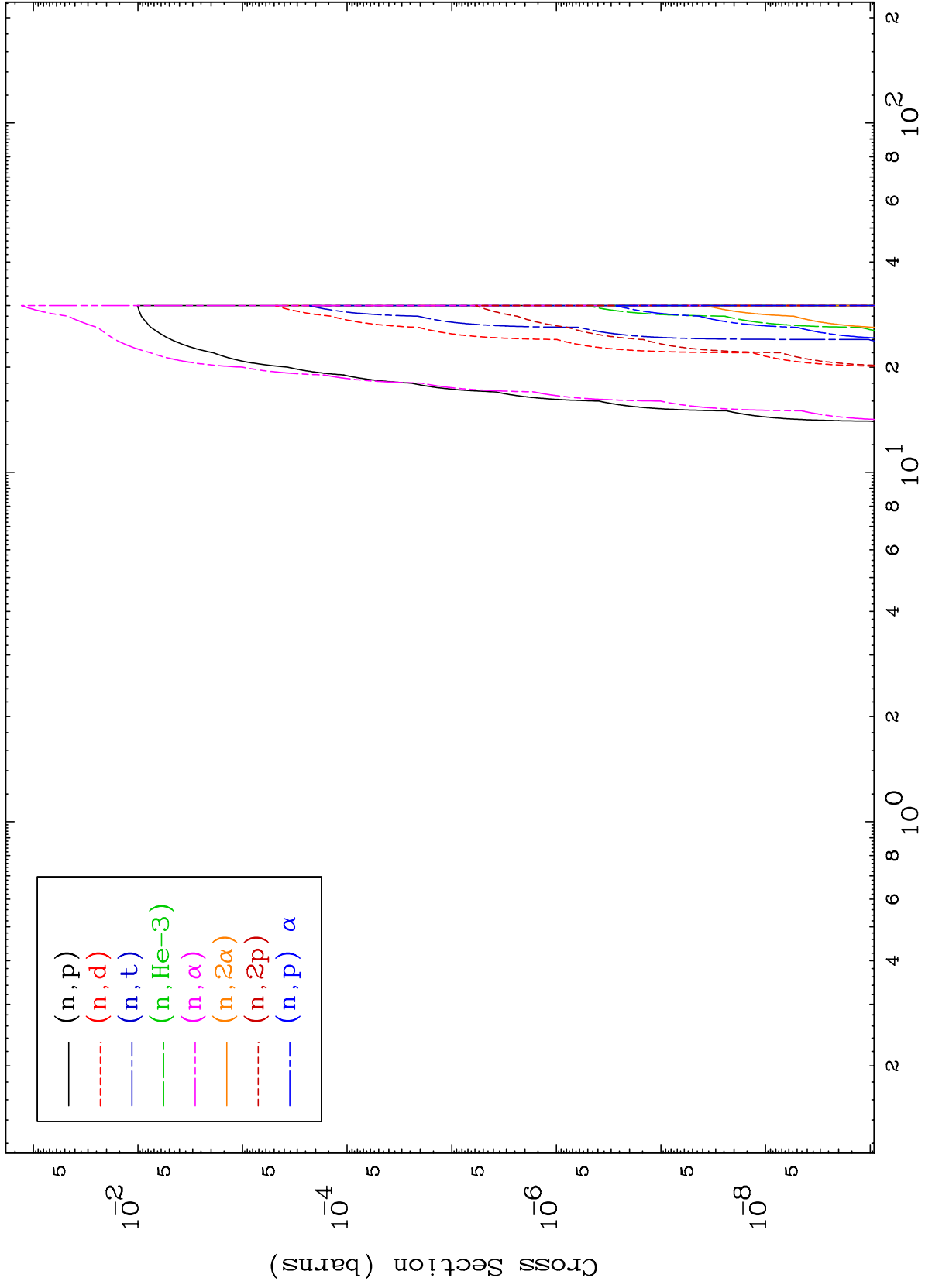
80-Hg-191

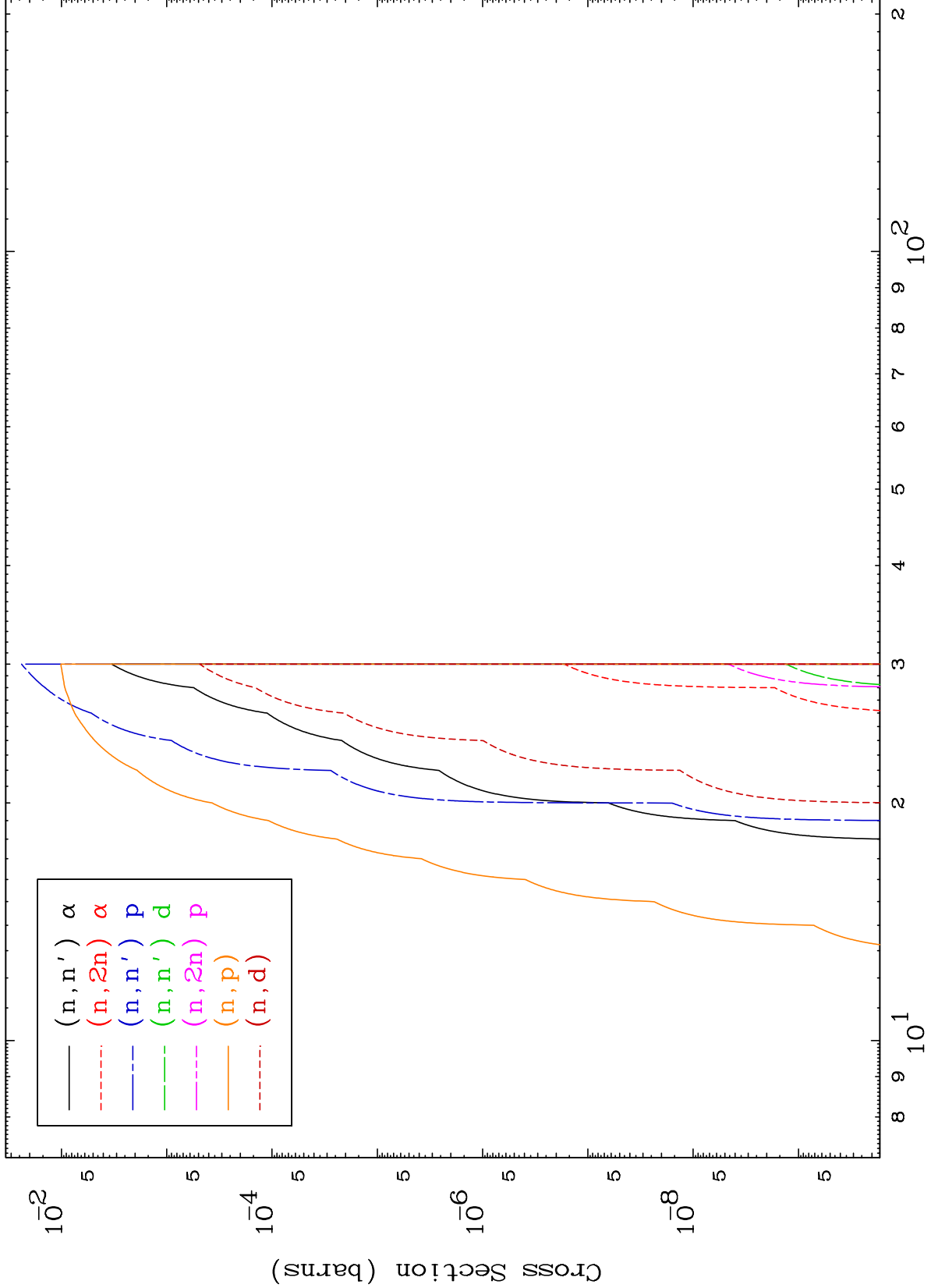


MAT 8010

α Neutron Absorption
0 Kelvin Cross Sections

80-Hg-191

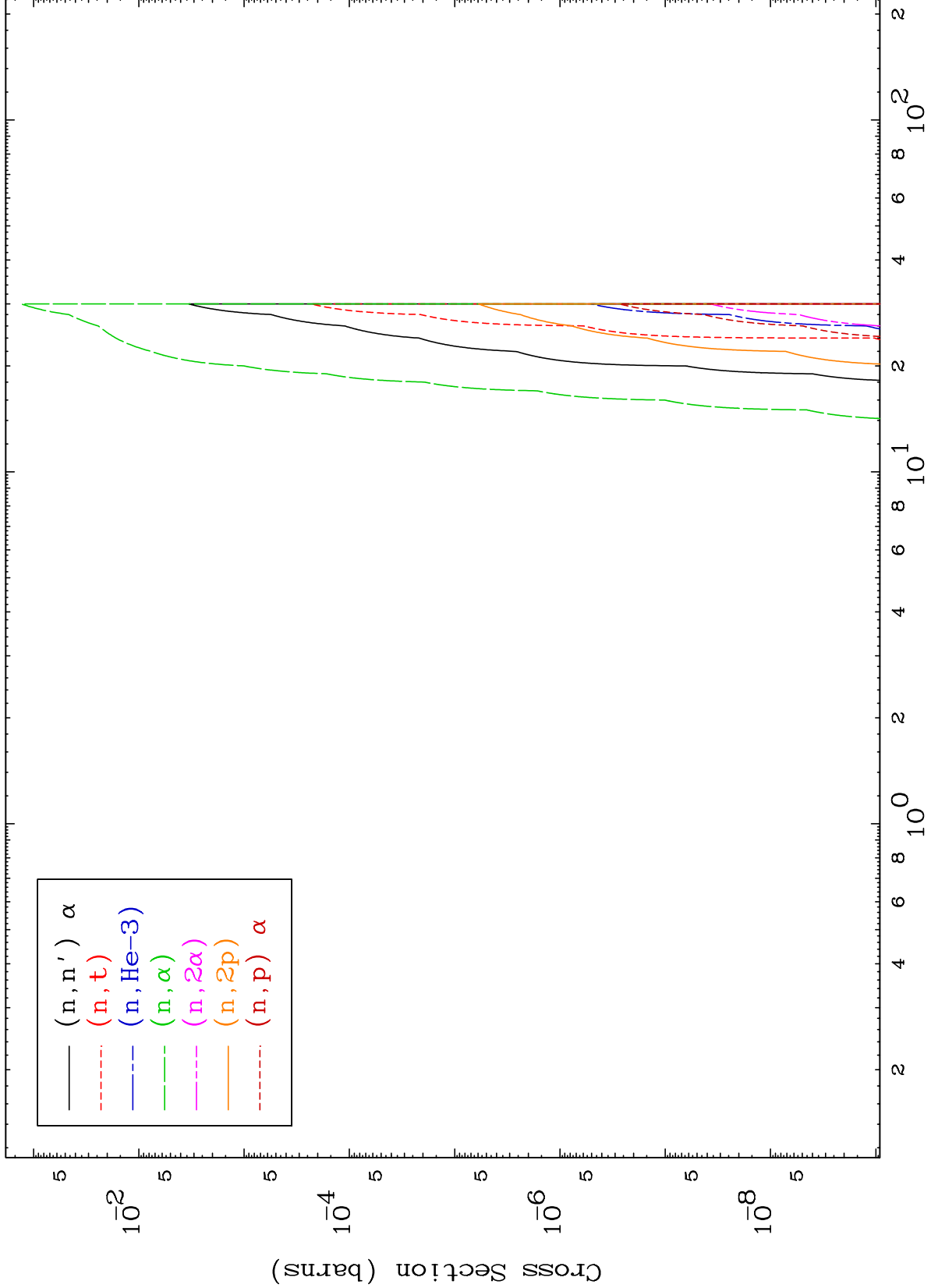




MAT 8010

α Charged Particle
0 Kelvin Cross Sections

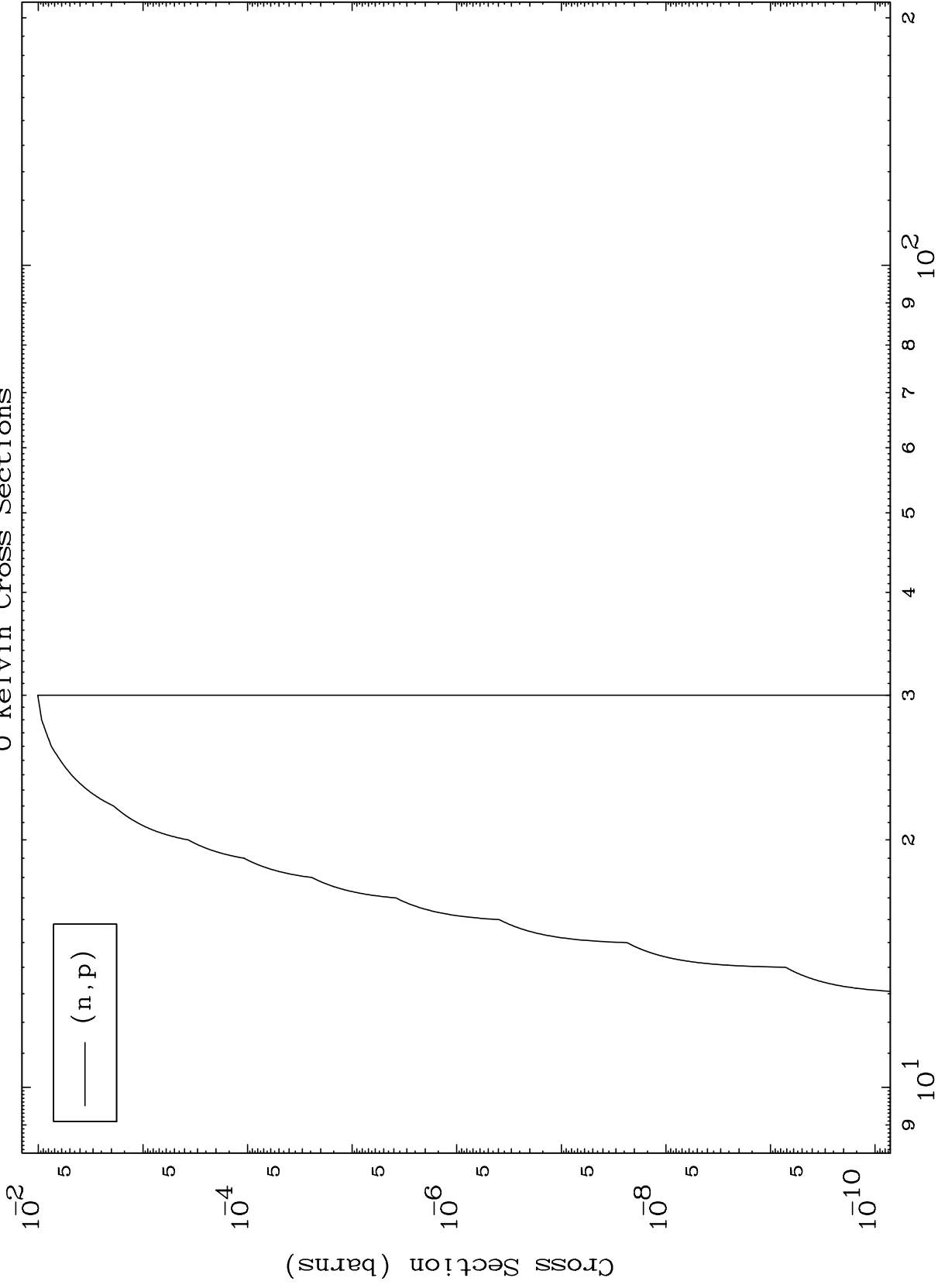
80-Hg-191



MAT 8010

(α, p) Levels
0 Kelvin Cross Sections

80-Hg-191



Incident Energy (MeV)

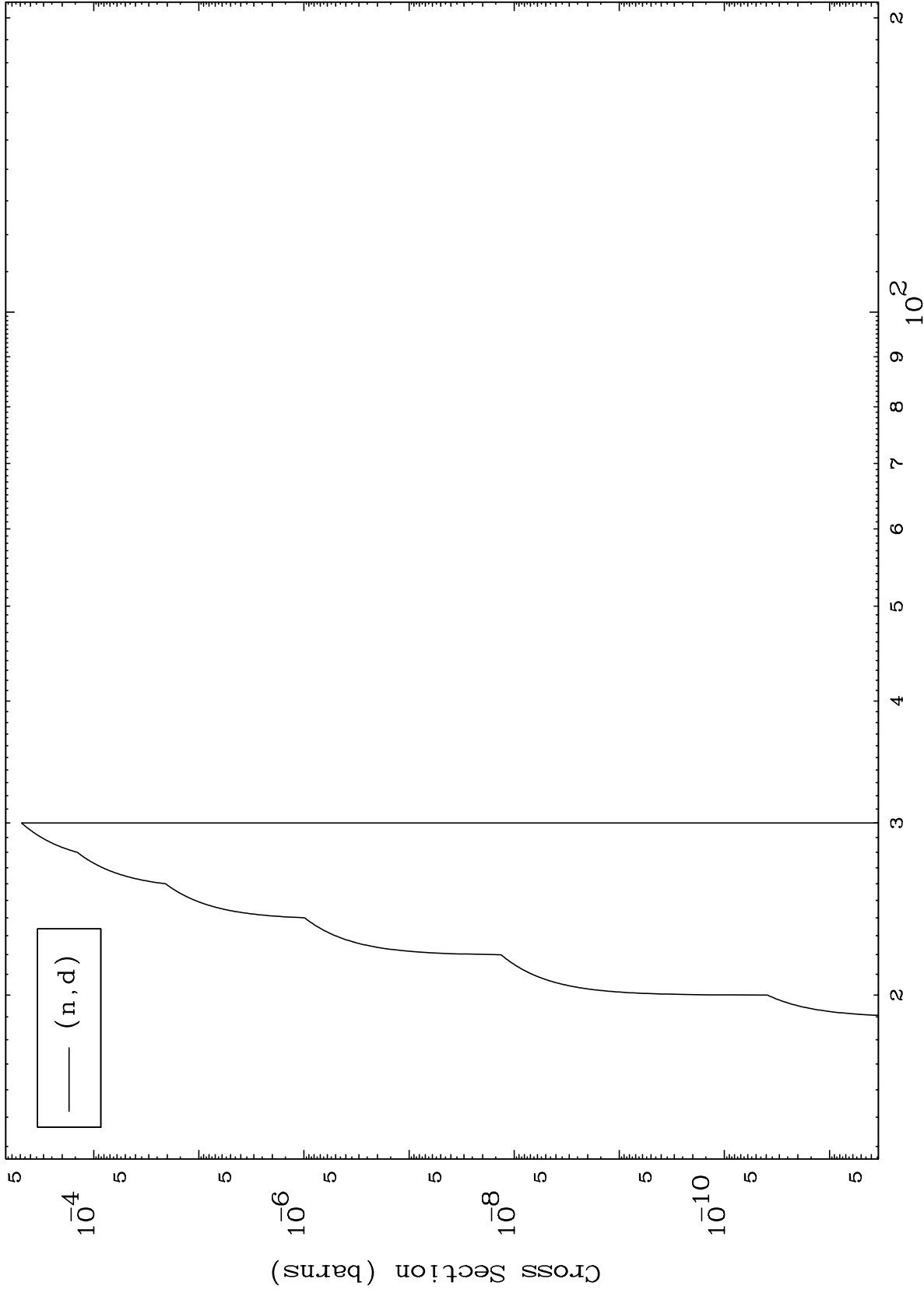
80-Hg-191

6

MAT 8010

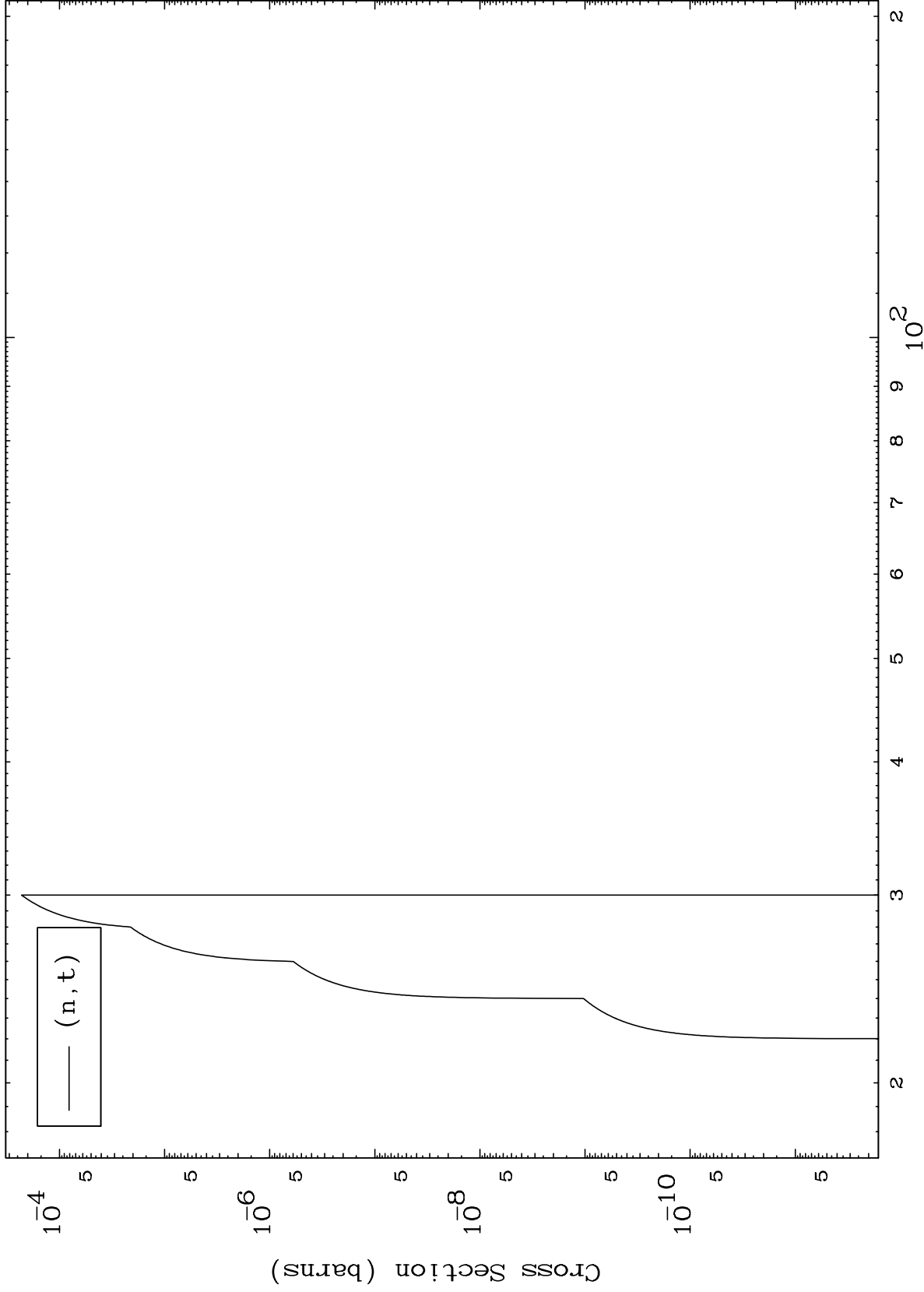
80-Hg-191

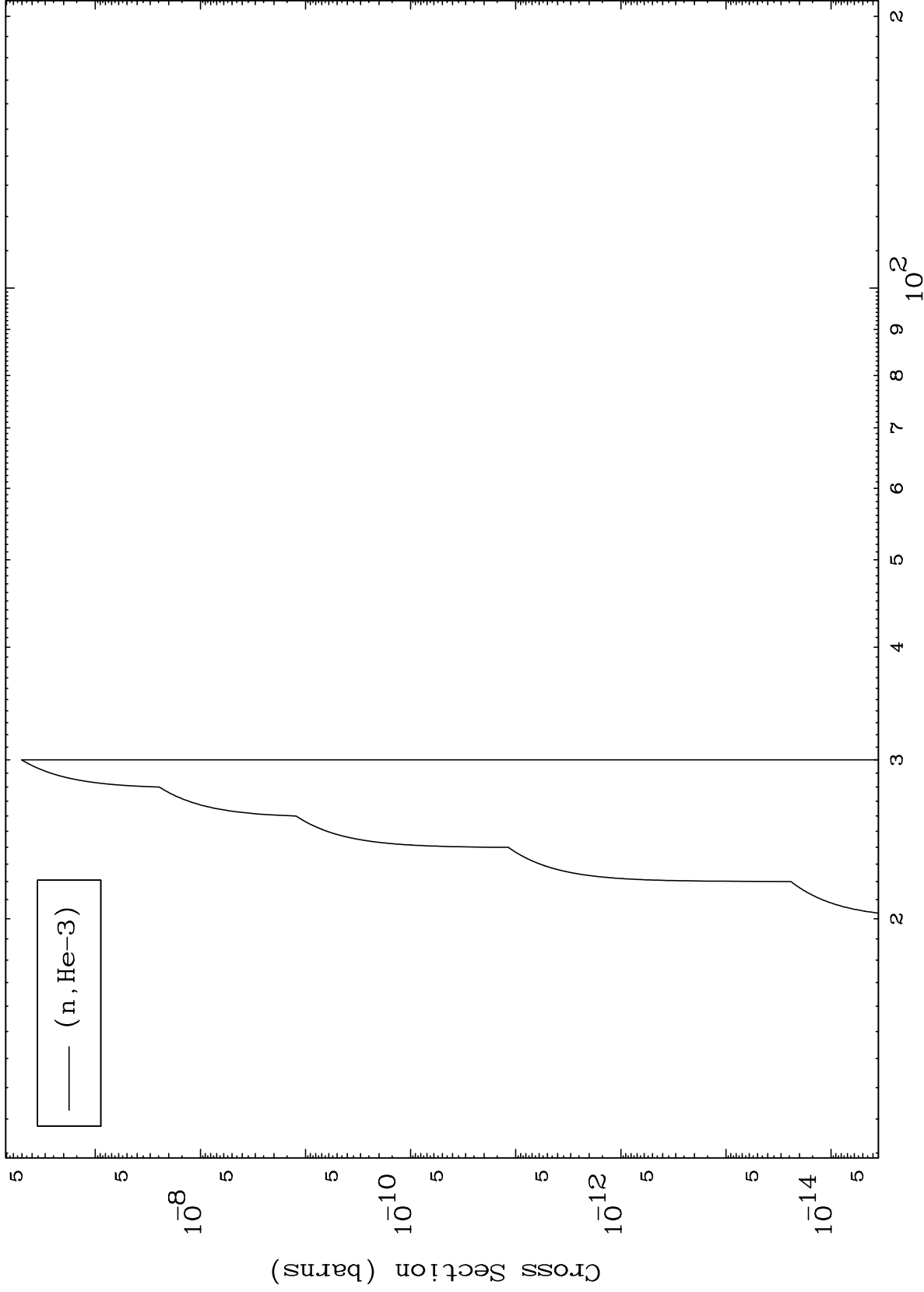
(α, d) Levels
0 Kelvin Cross Sections



80-Hg-191

Incident Energy (MeV)

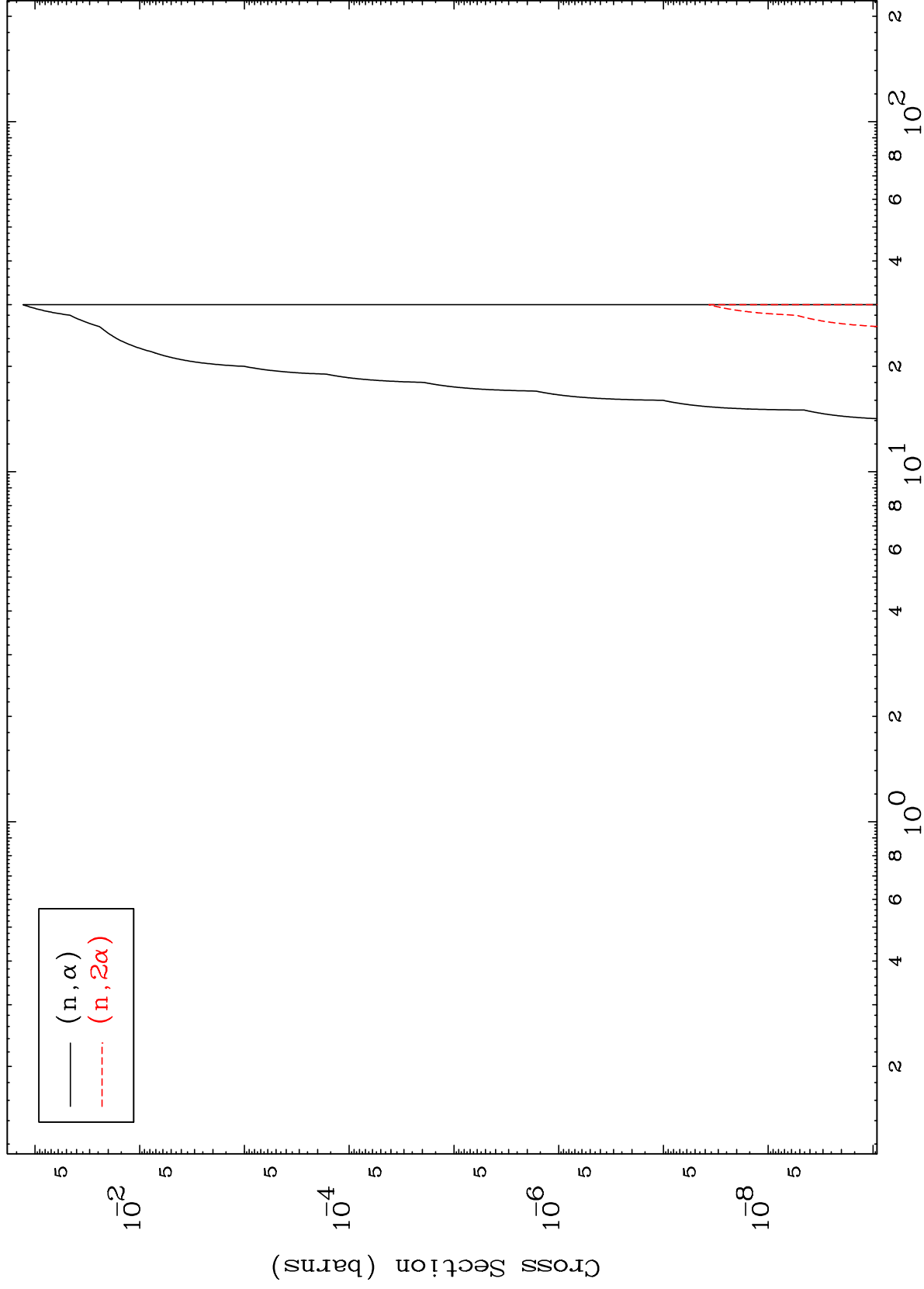




MAT 8010

80-Hg-191

(α, α) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

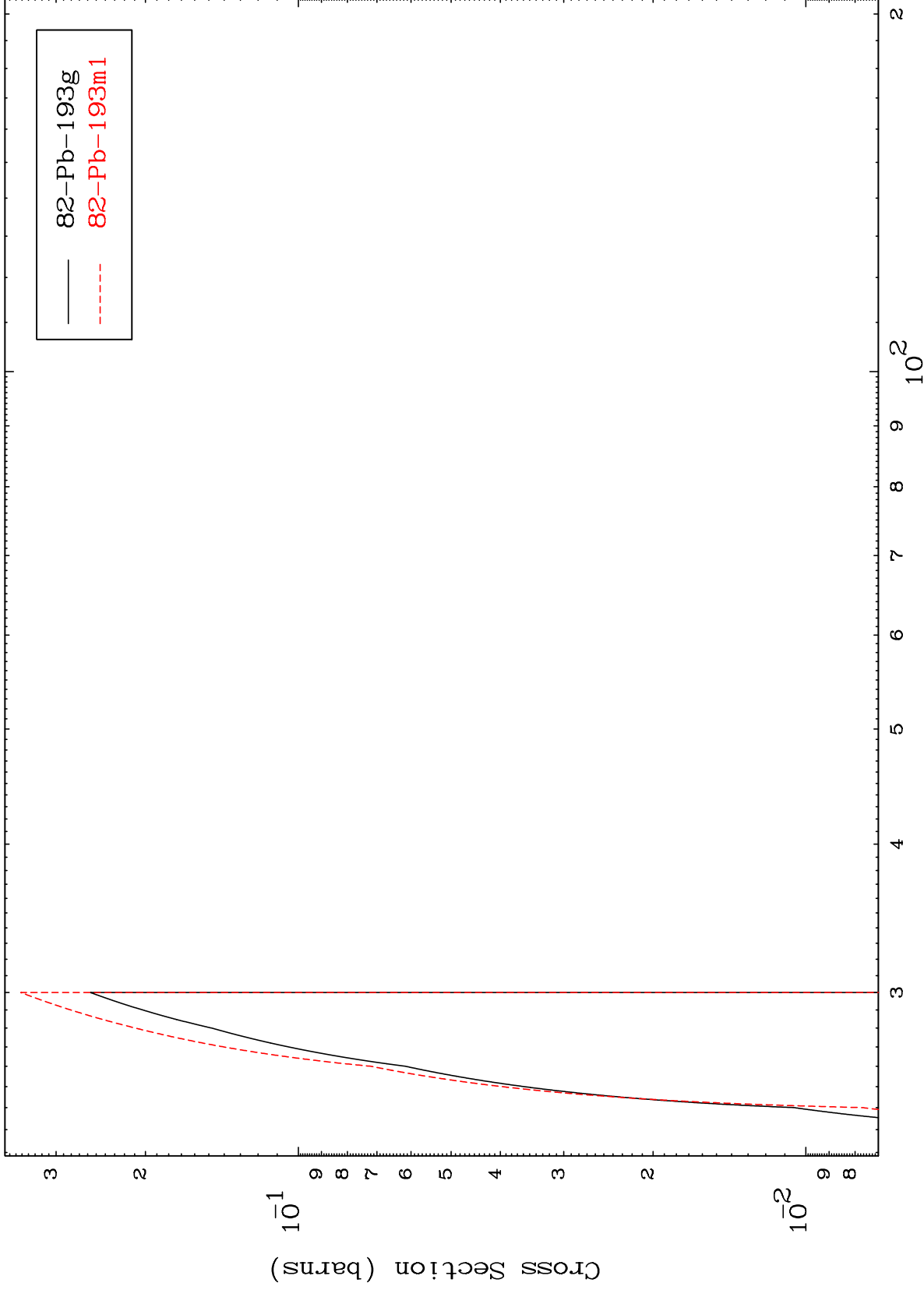
80-Hg-191

MAT 8010

(n,2n)

80-Hg-191

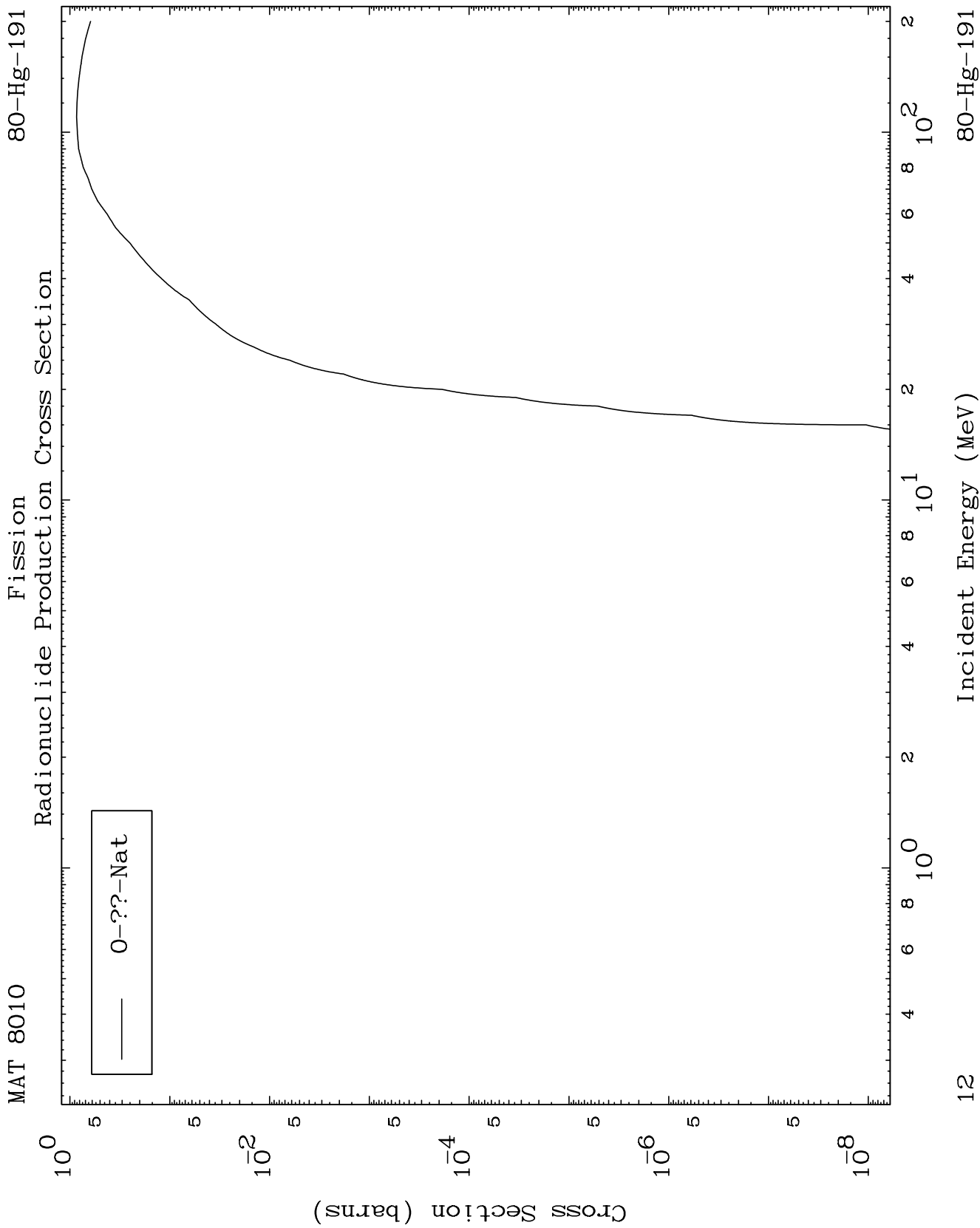
Radionuclide Production Cross Section



11

Incident Energy (MeV)

80-Hg-191

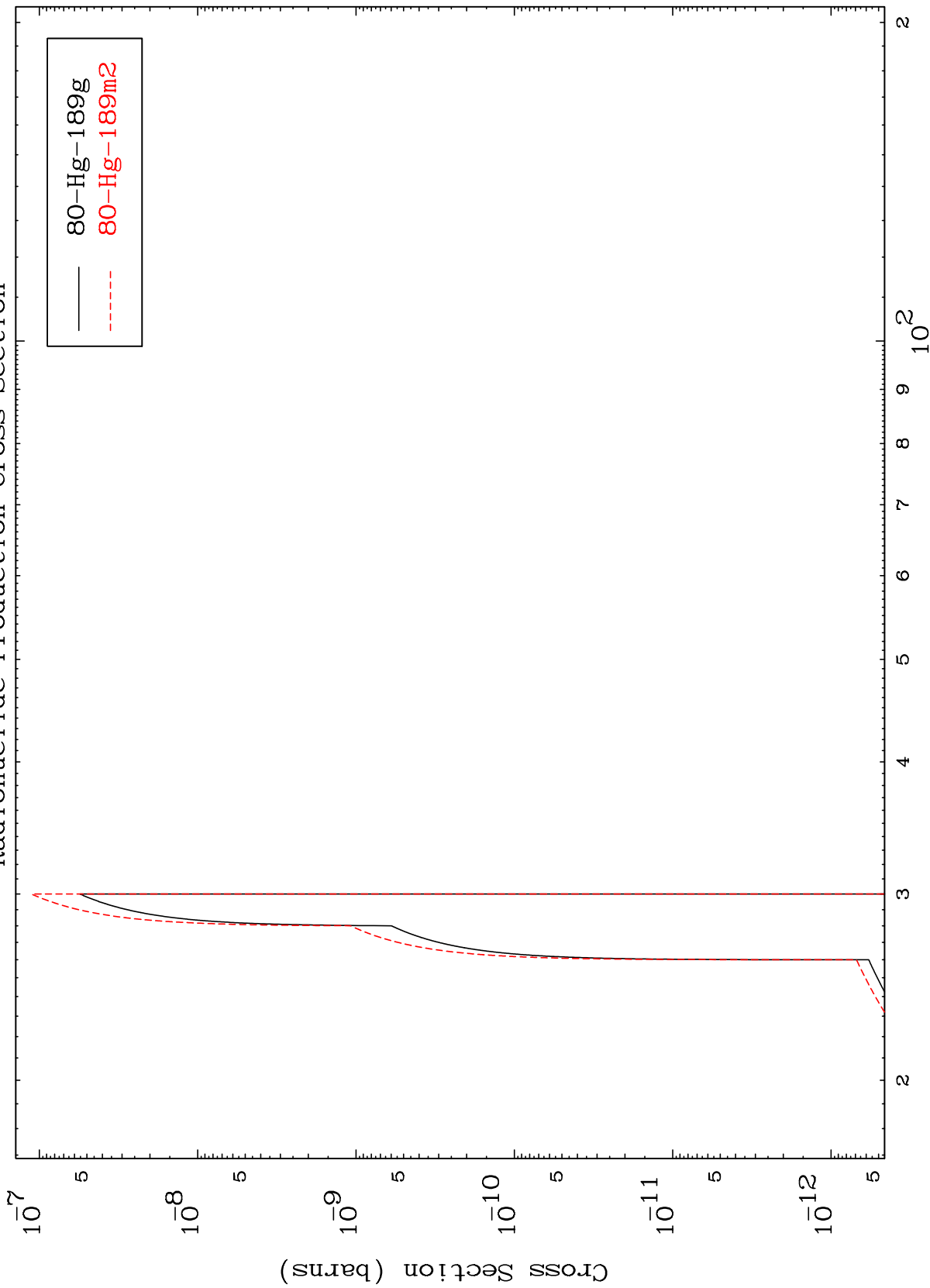


MAT 8010

(n,2n) α

80-Hg-191

Radionuclide Production Cross Section



13

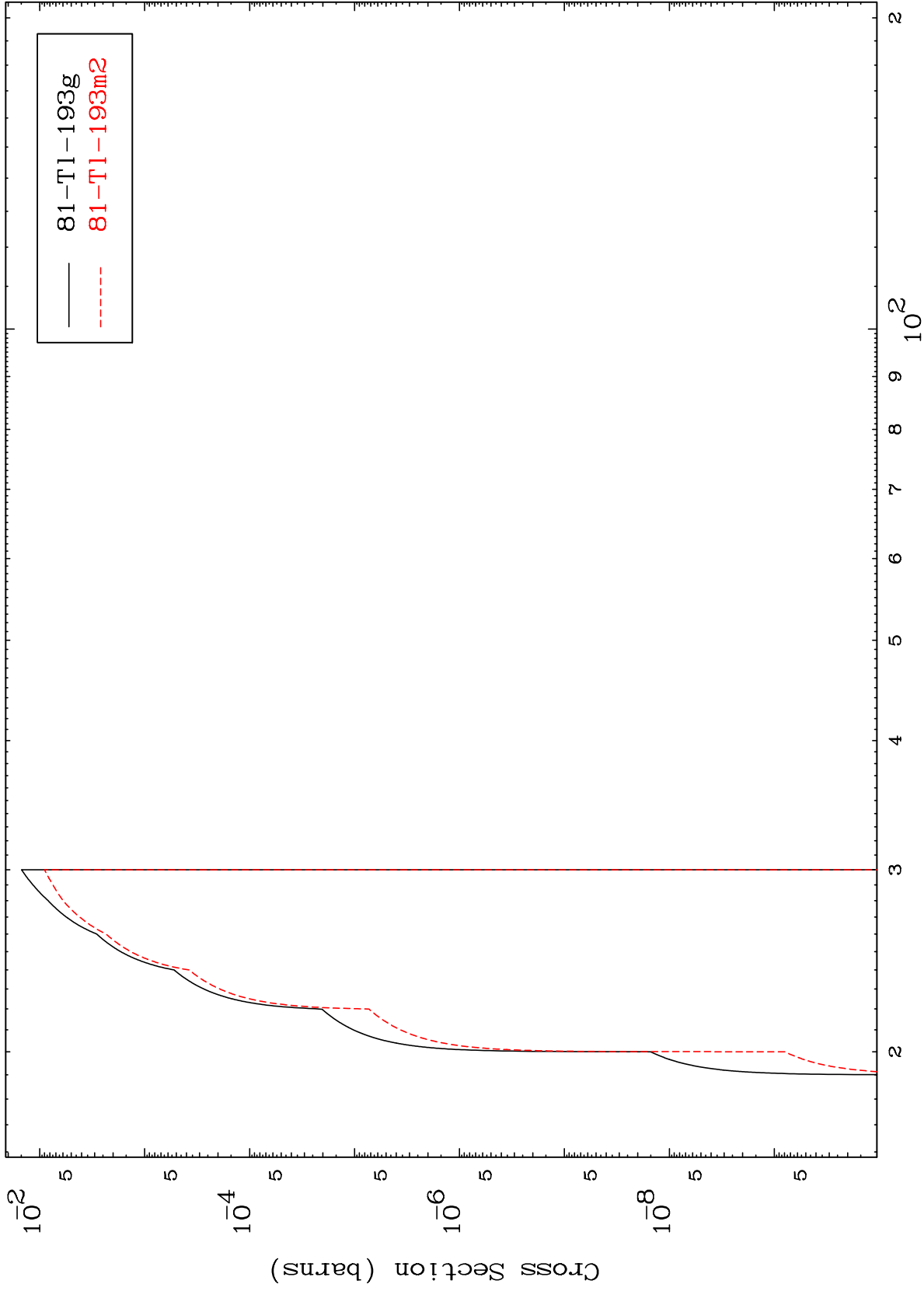
Incident Energy (MeV)

80-Hg-191

MAT 8010

80-Hg-191

(n, n') p
Radionuclide Production Cross Section



80-Hg-191

Incident Energy (MeV)

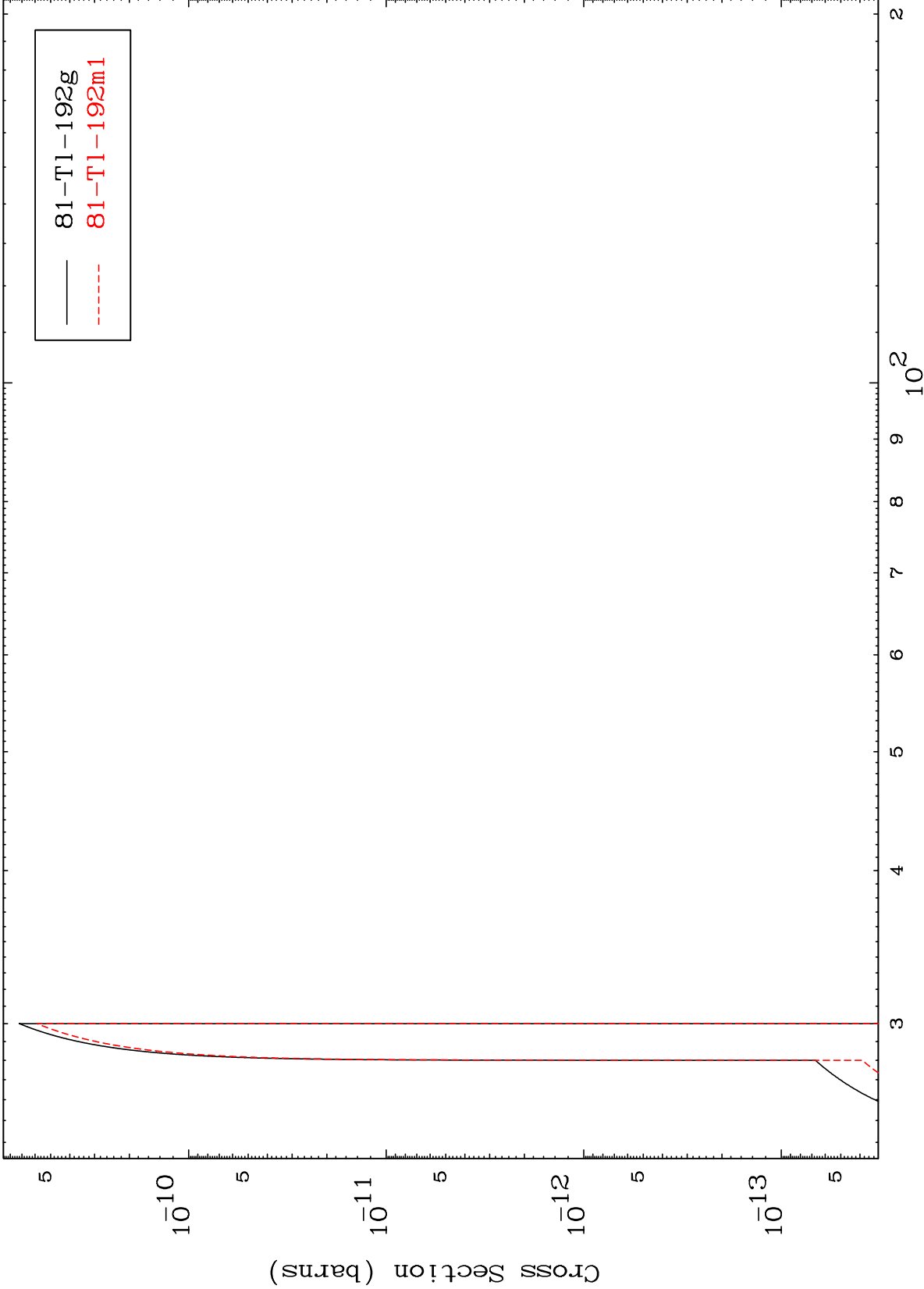
14

MAT 8010

(n,n') d

80-Hg-191

Radionuclide Production Cross Section



15

Incident Energy (MeV)

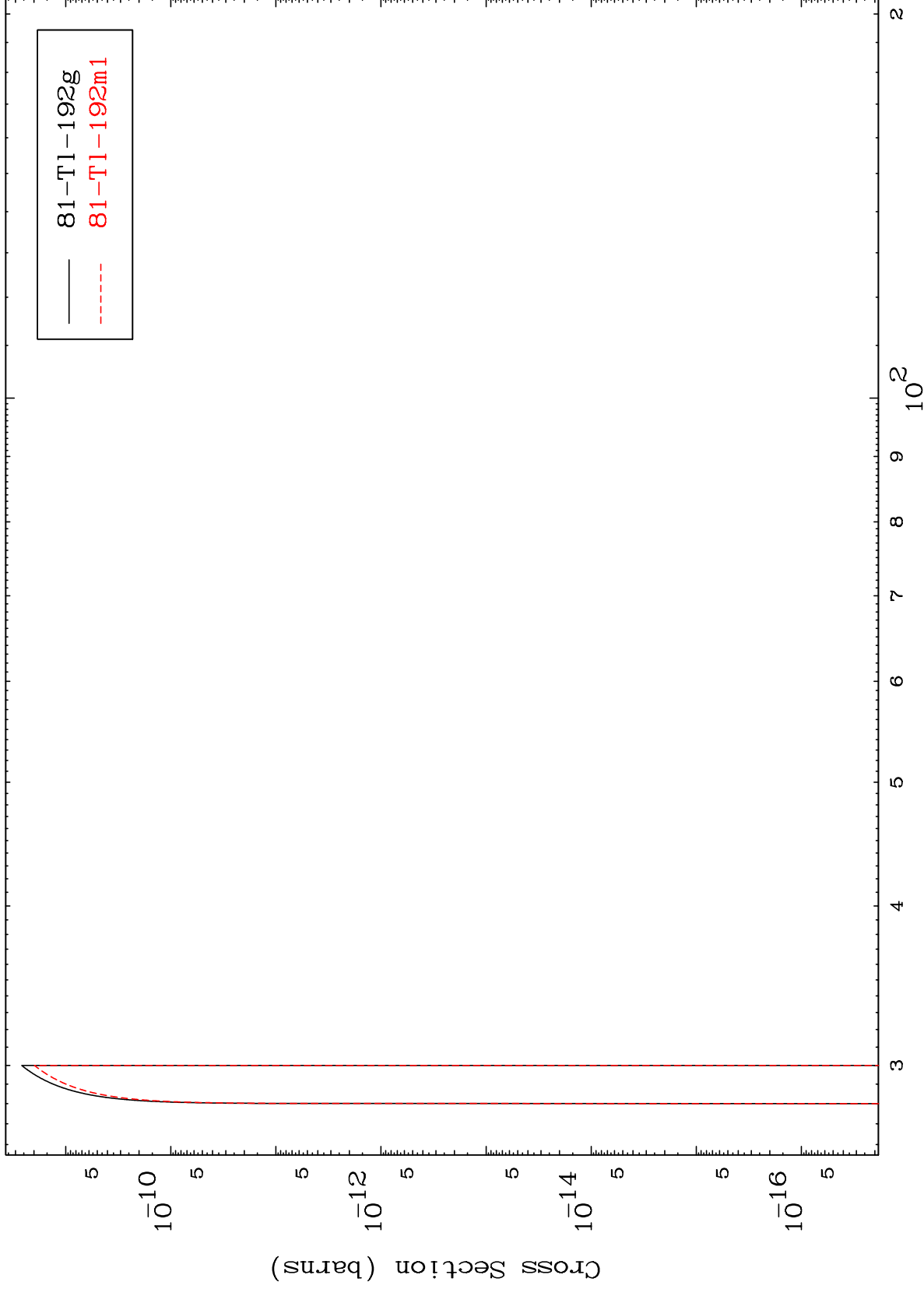
80-Hg-191

MAT 8010

80-Hg-191

(n,2n) p

Radionuclide Production Cross Section



16

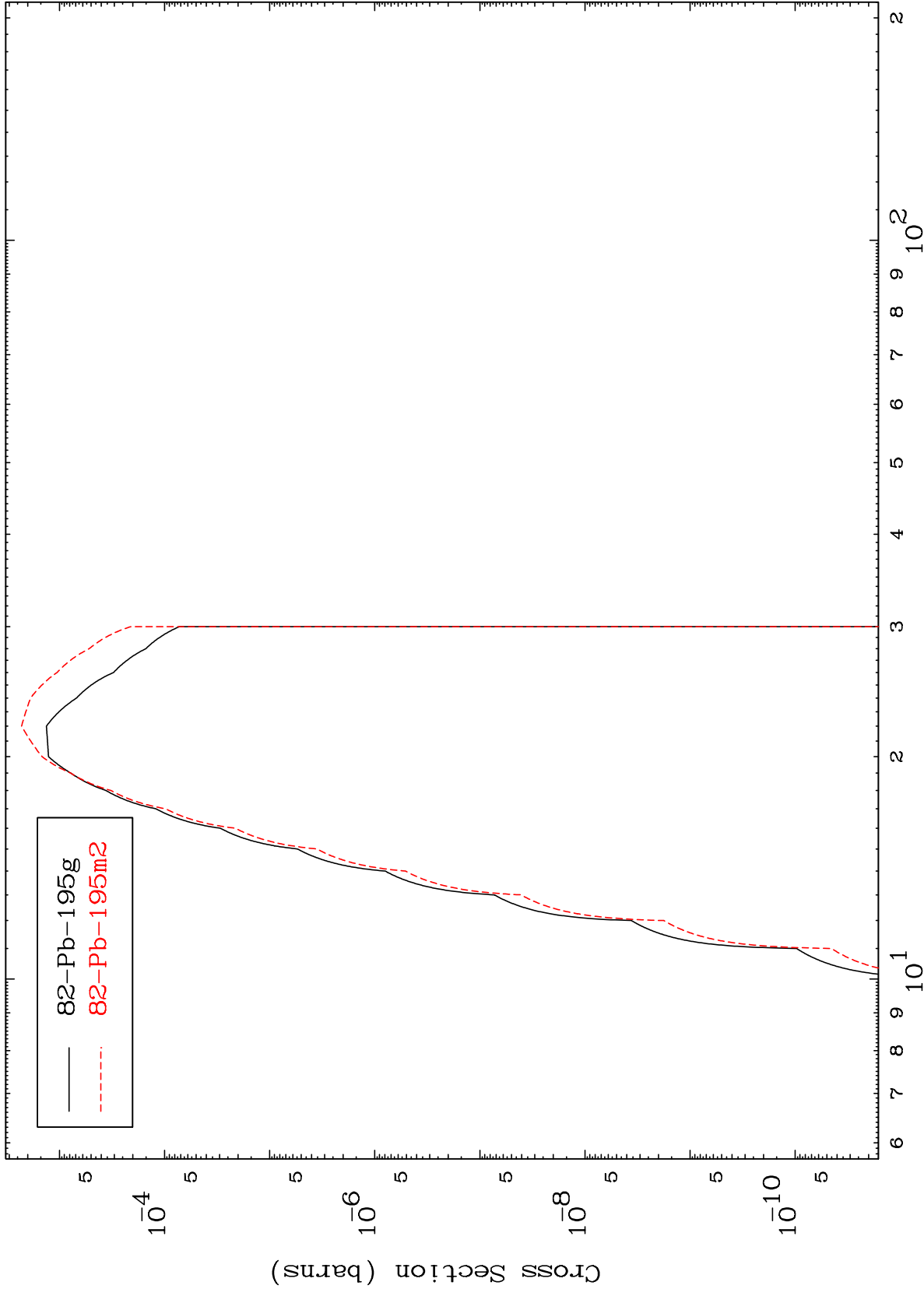
Incident Energy (MeV)

80-Hg-191

MAT 8010

80-Hg-191

(n,γ)
Radionuclide Production Cross Section



17

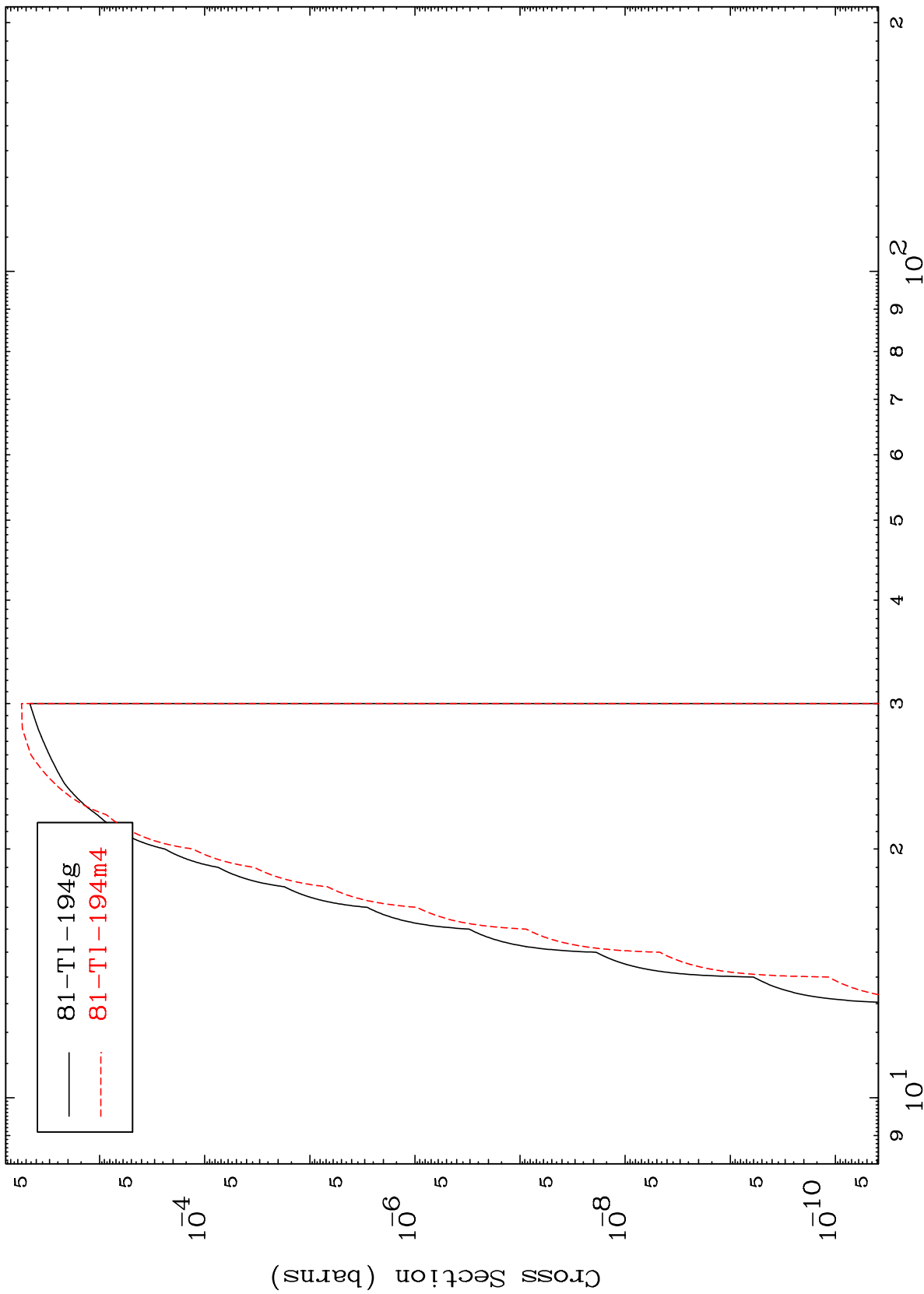
Incident Energy (MeV)

80-Hg-191

MAT 8010

80-Hg-191

(n,p)
Radionuclide Production Cross Section



18

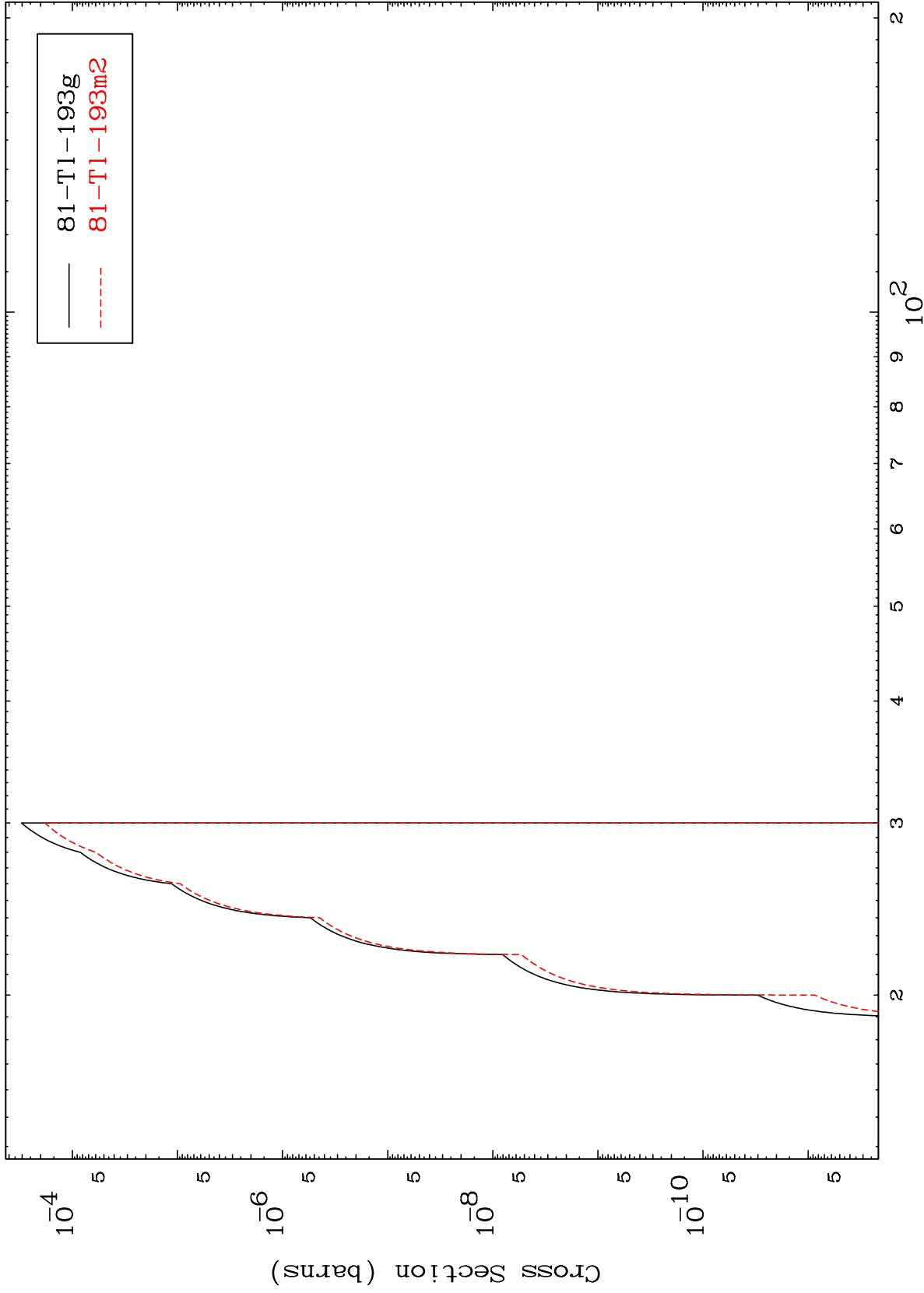
Incident Energy (MeV)

80-Hg-191

MAT 8010

80-Hg-191

(n,d)
Radionuclide Production Cross Section



19

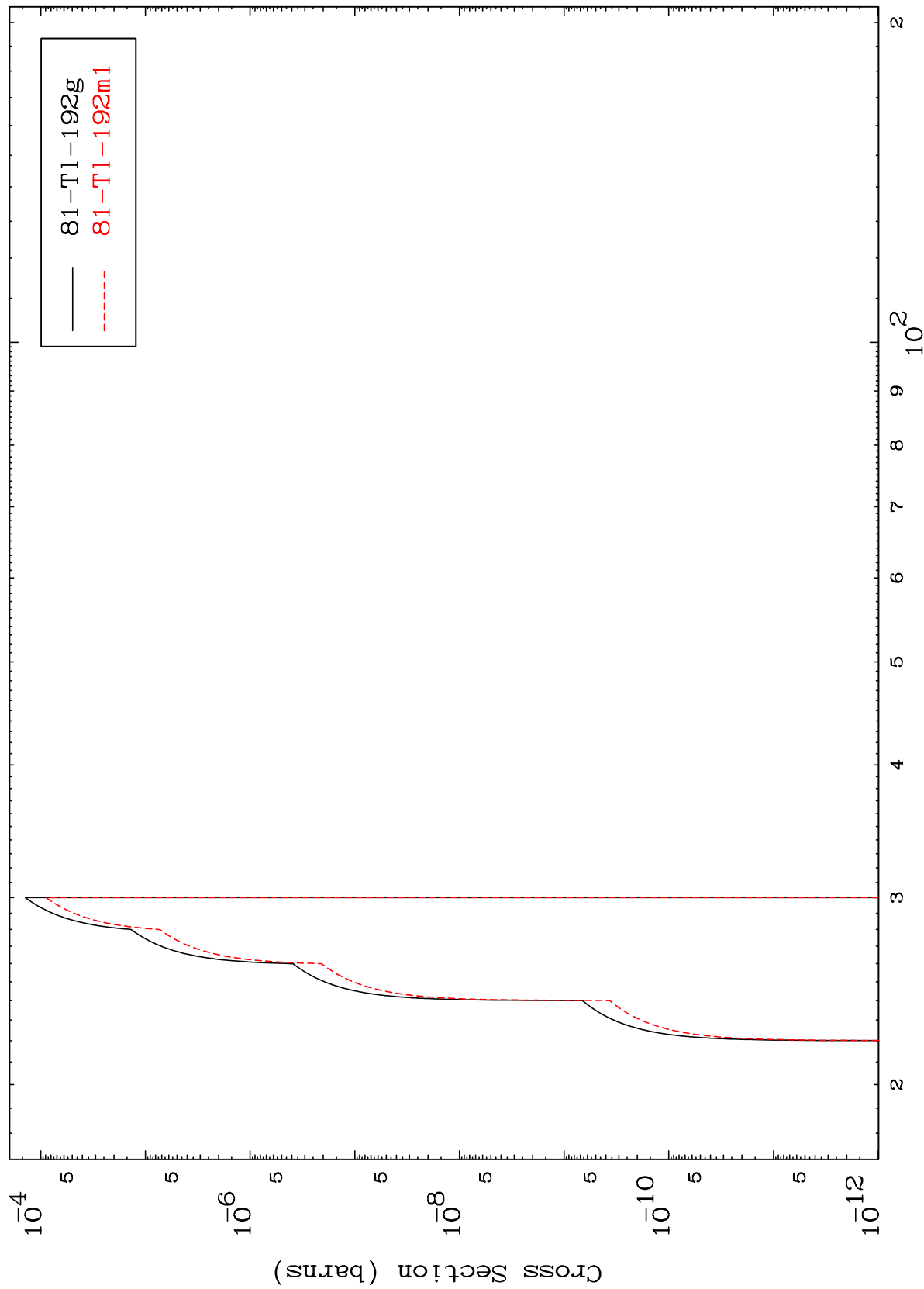
80-Hg-191

Incident Energy (MeV)

MAT 8010

80-Hg-191

(n, t)
Radionuclide Production Cross Section



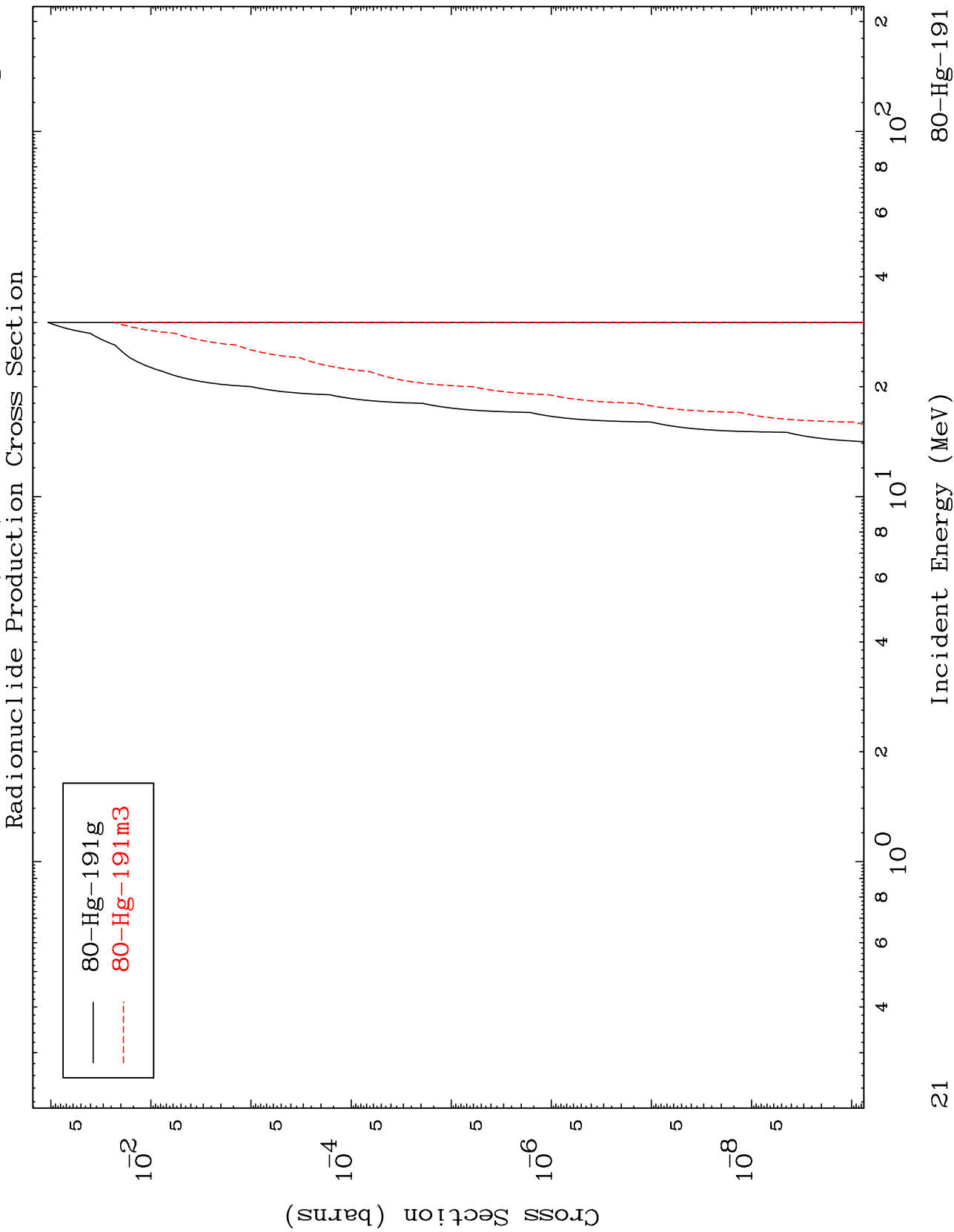
20

Incident Energy (MeV)

80-Hg-191

MAT 8010

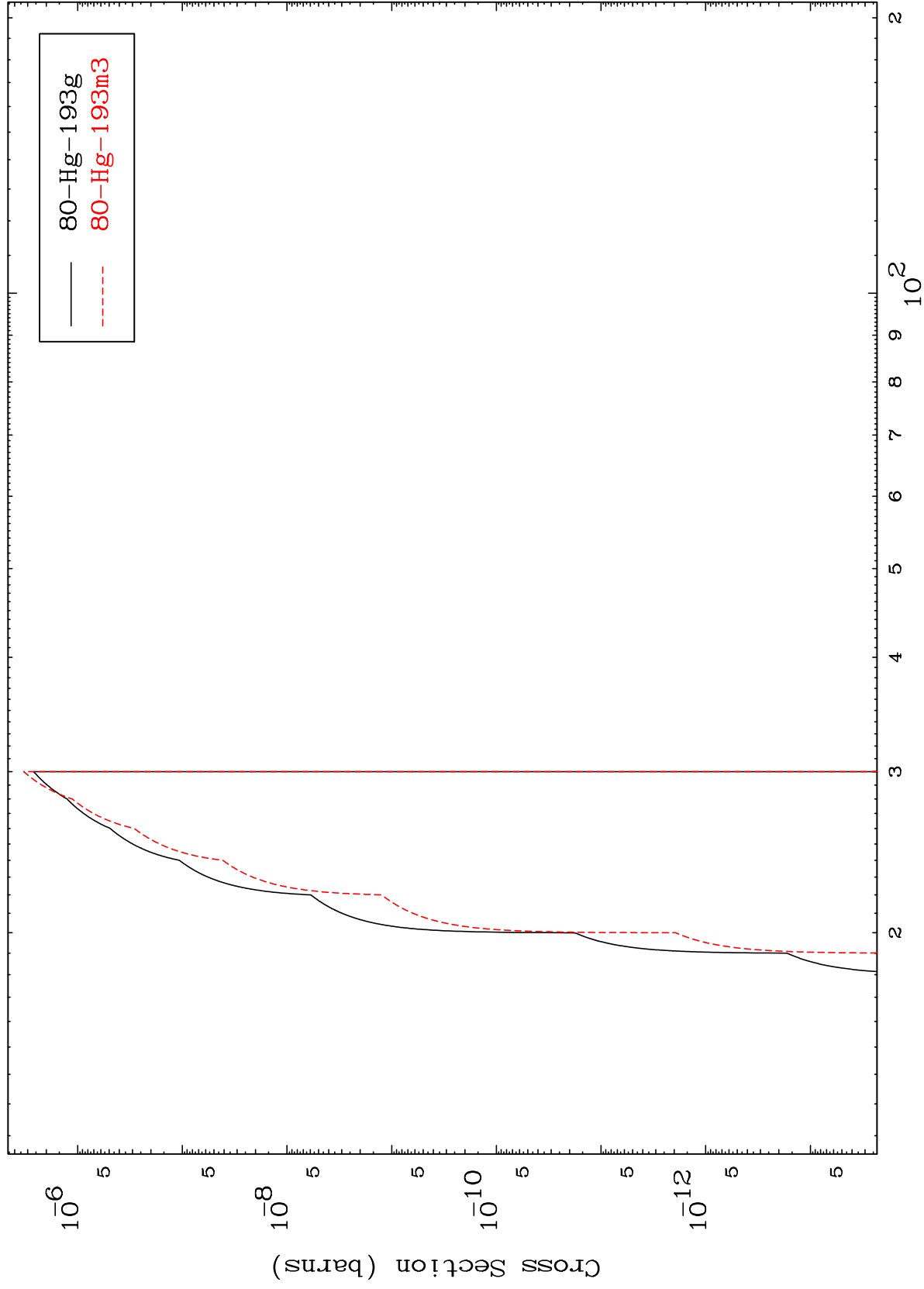
80-Hg-191



MAT 8010

80-Hg-191

(n,2p)
Radionuclide Production Cross Section



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

Incident Energy (MeV)

80-Hg-191

22