

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

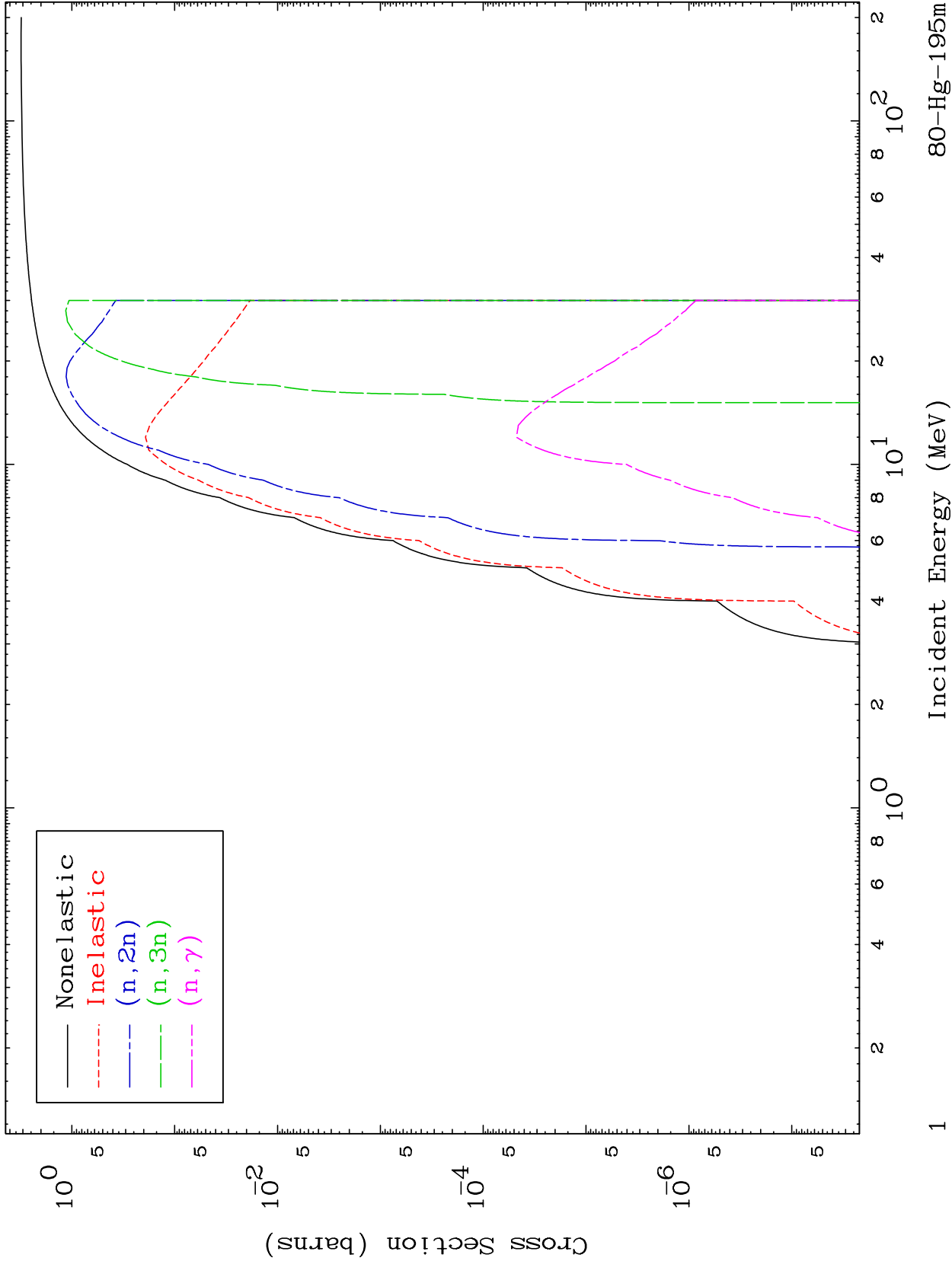
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8023

Deuteron Major  
0 Kelvin Cross Sections

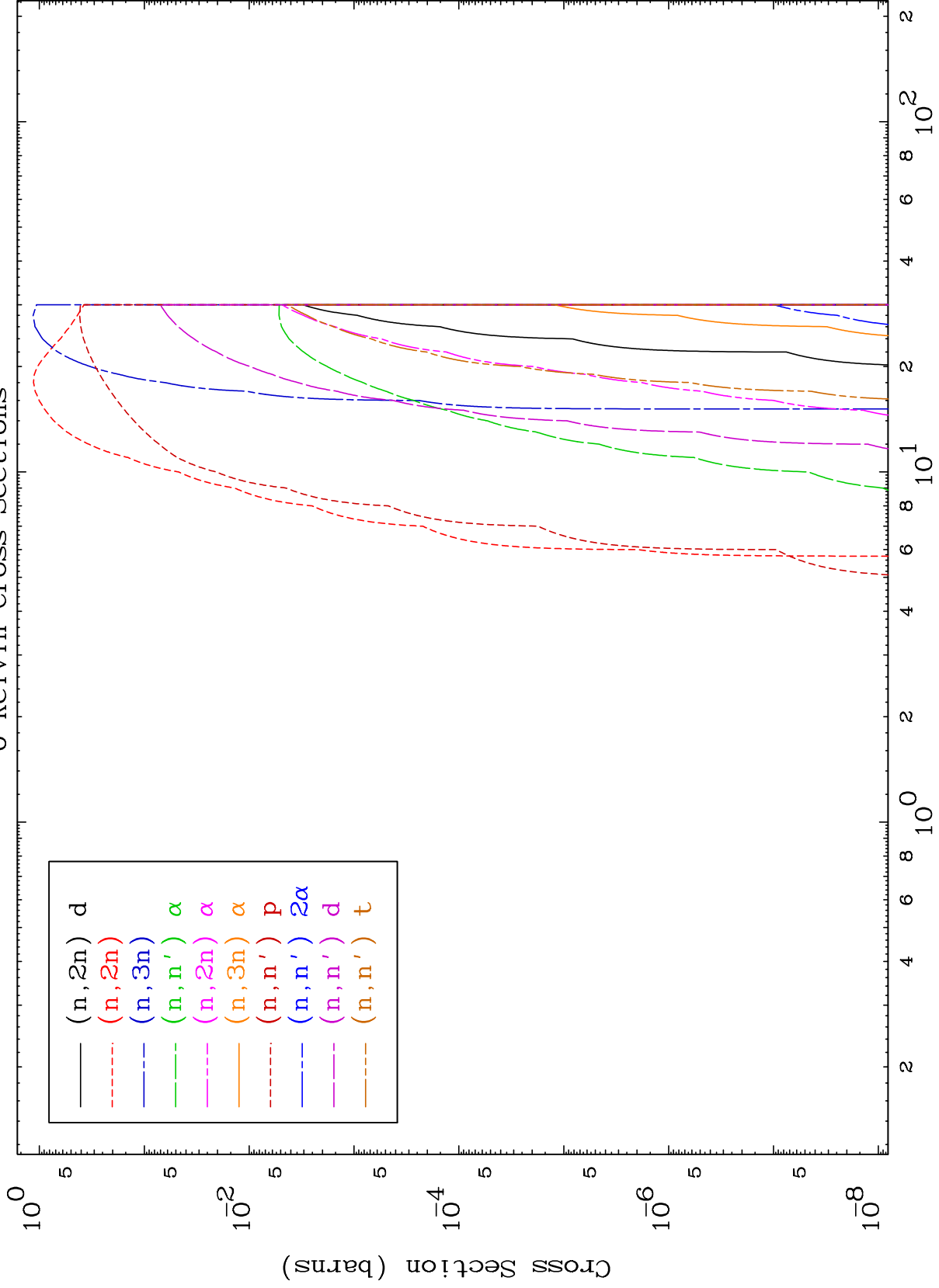
80-Hg-195m



MAT 8023

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

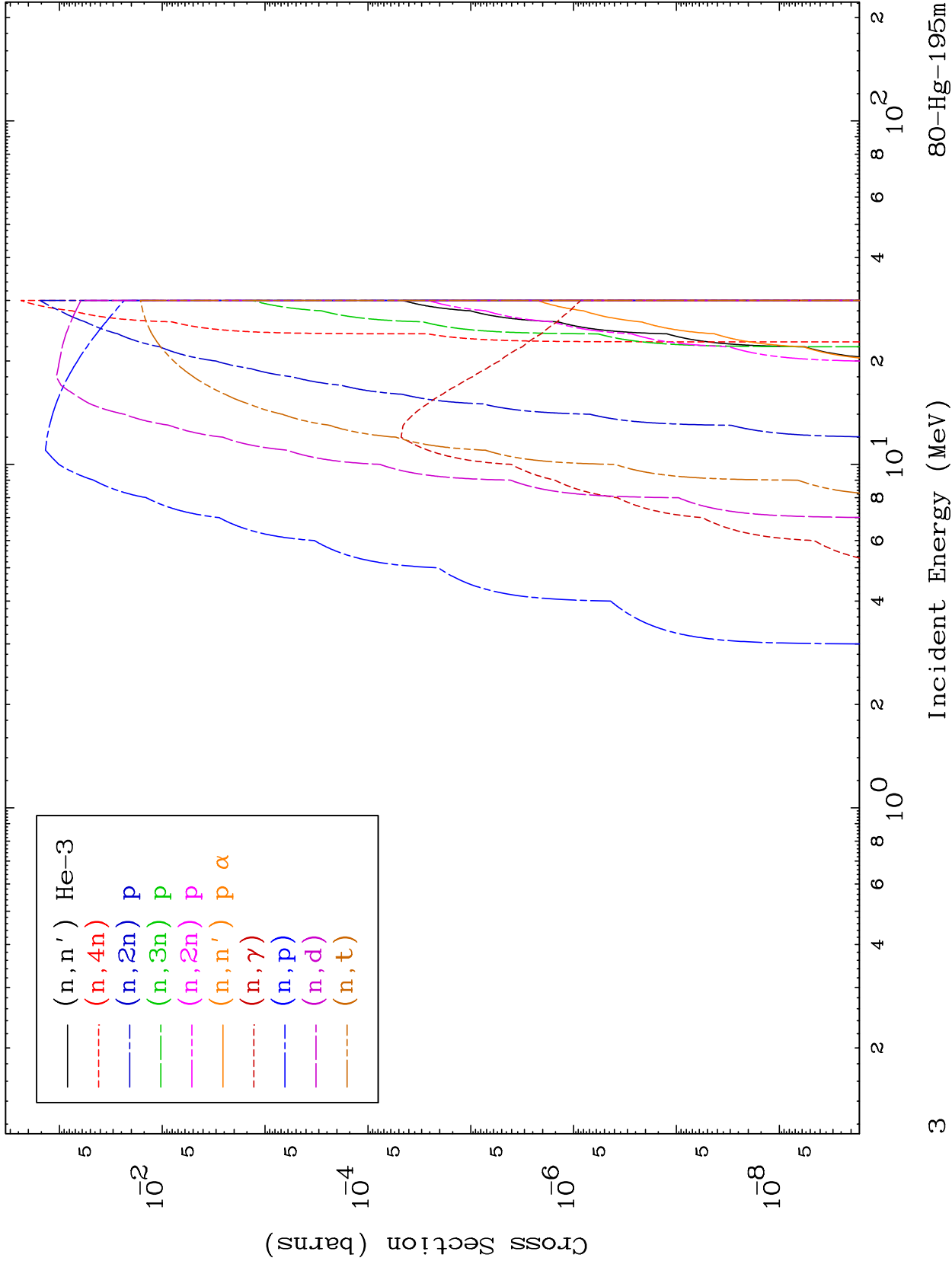
80-Hg-195m



MAT 8023

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

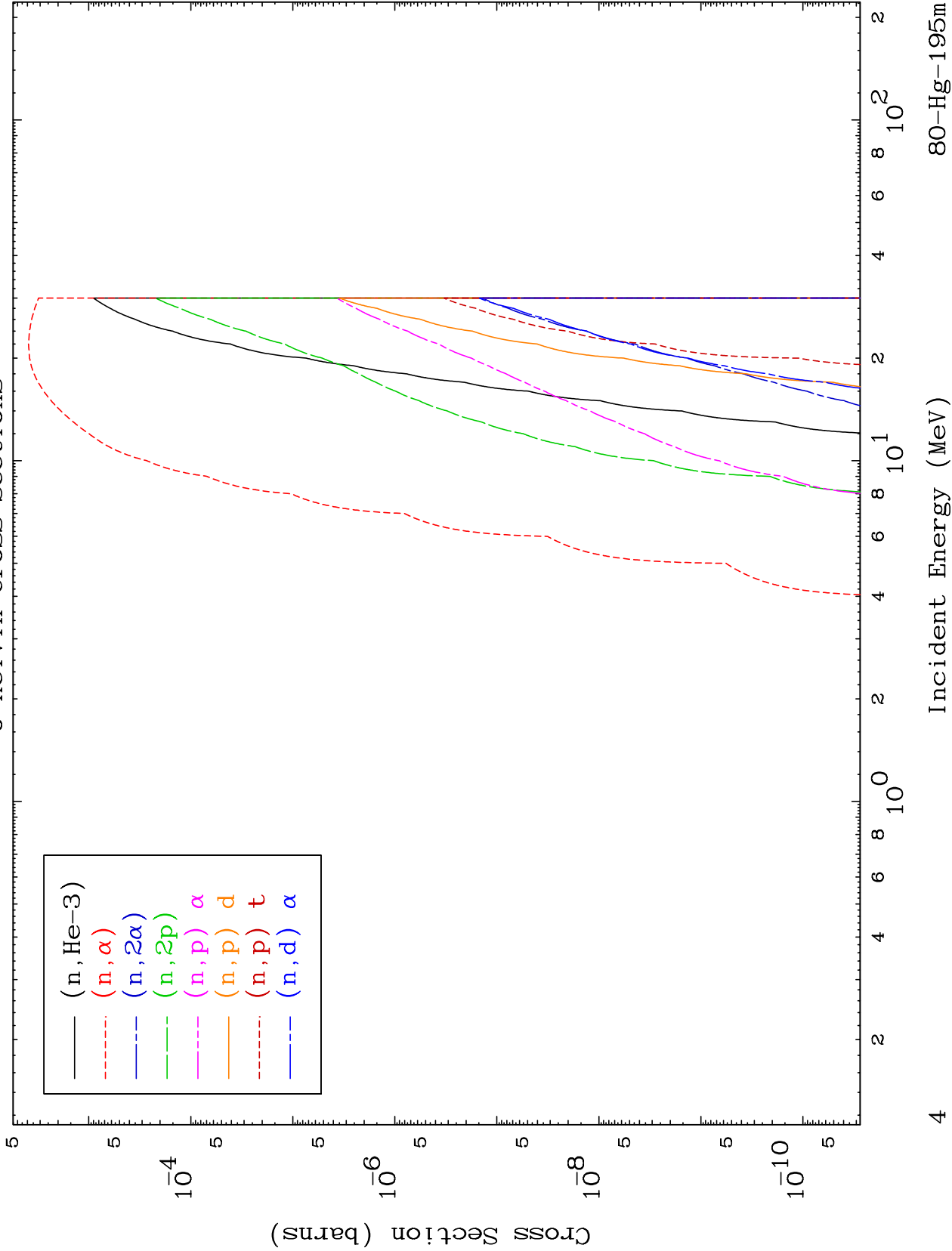
80-Hg-195m



MAT 8023

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

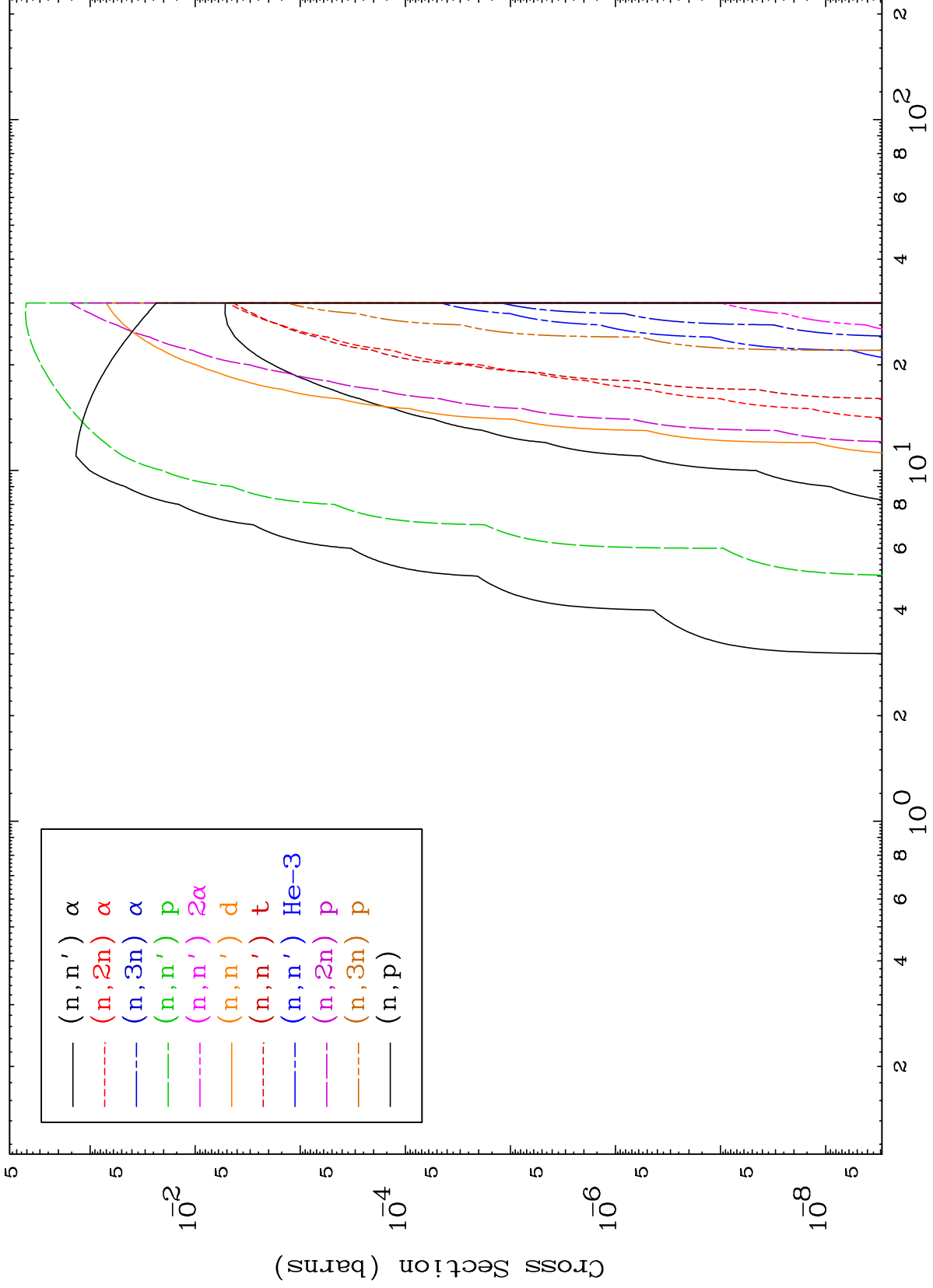
80-Hg-195m

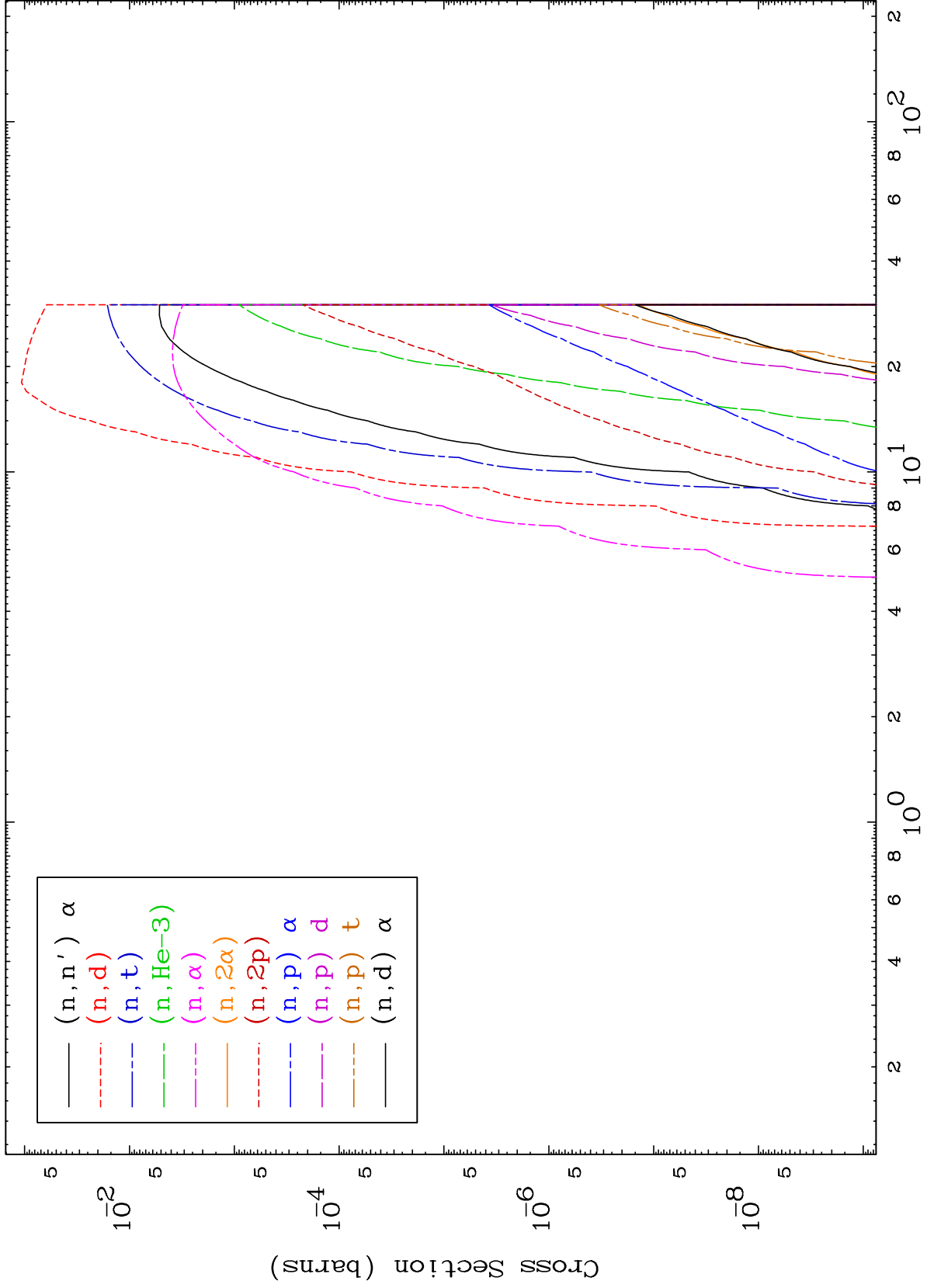


MAT 8023

Deuteron Charged Particle  
0 Kelvin Cross Sections

80-Hg-195m



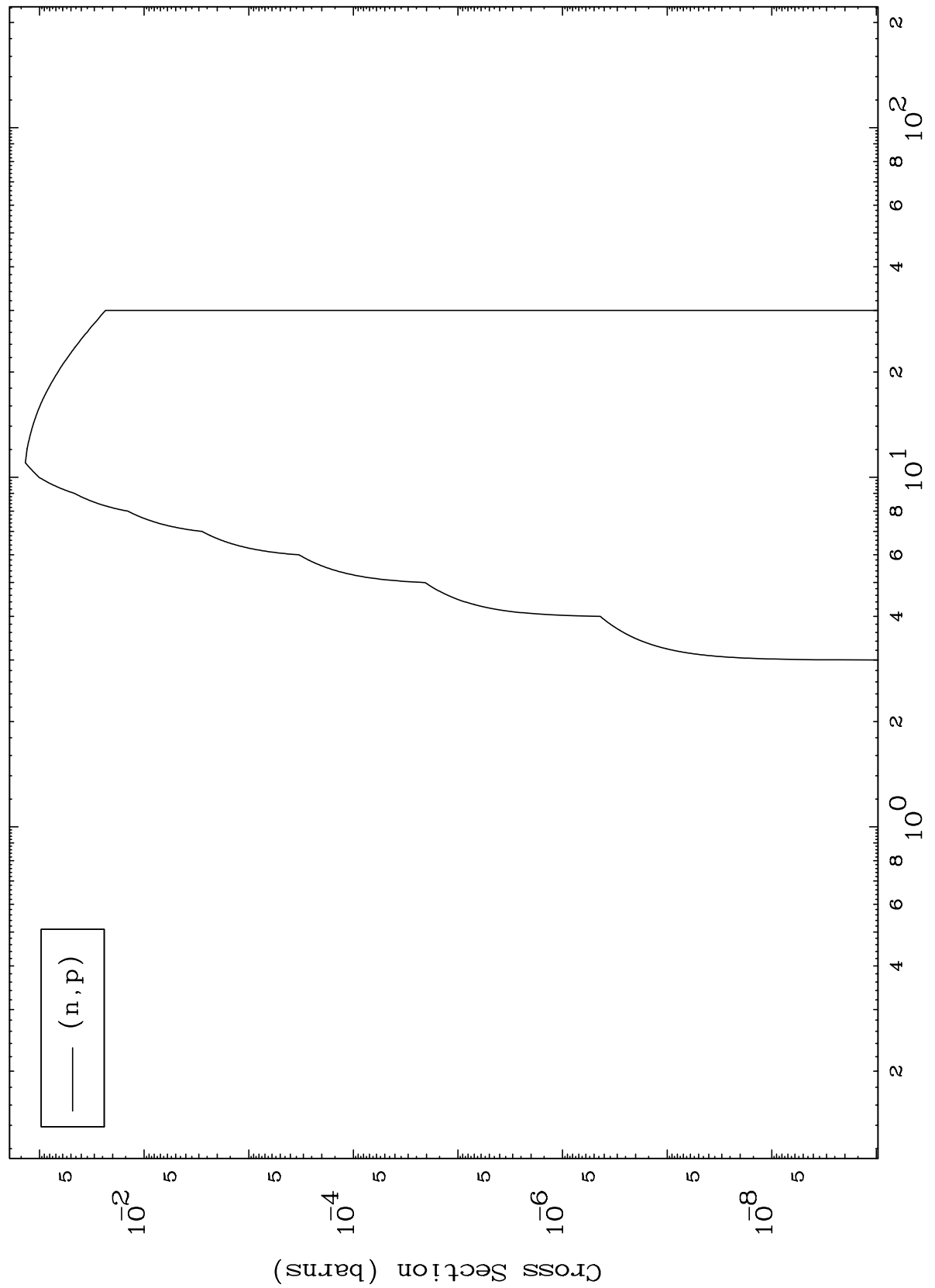


MAT 8023

(d,p) Levels

80-Hg-195m

0 Kelvin Cross Sections



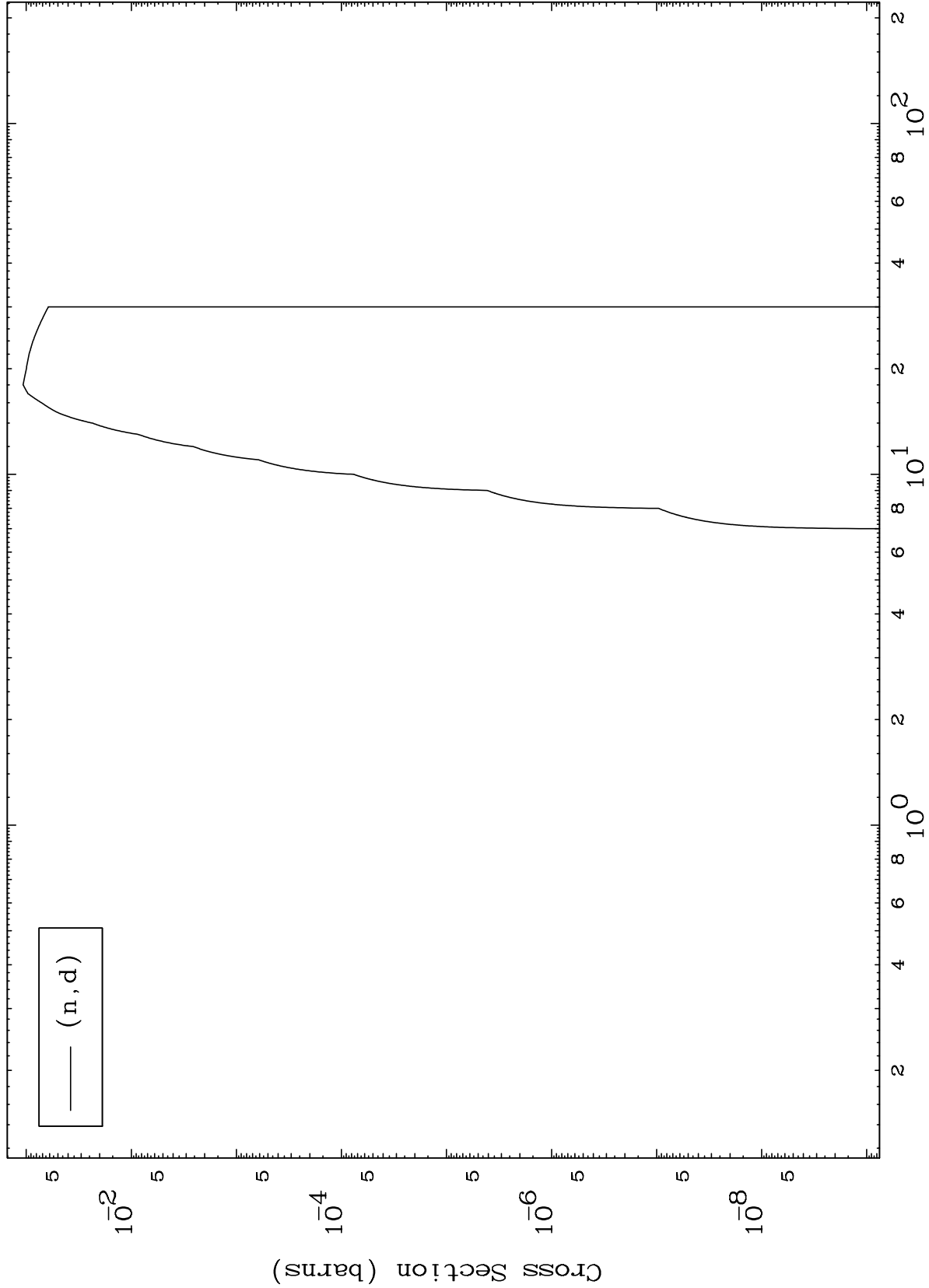


MAT 8023

(d,d) Levels

80-Hg-195m

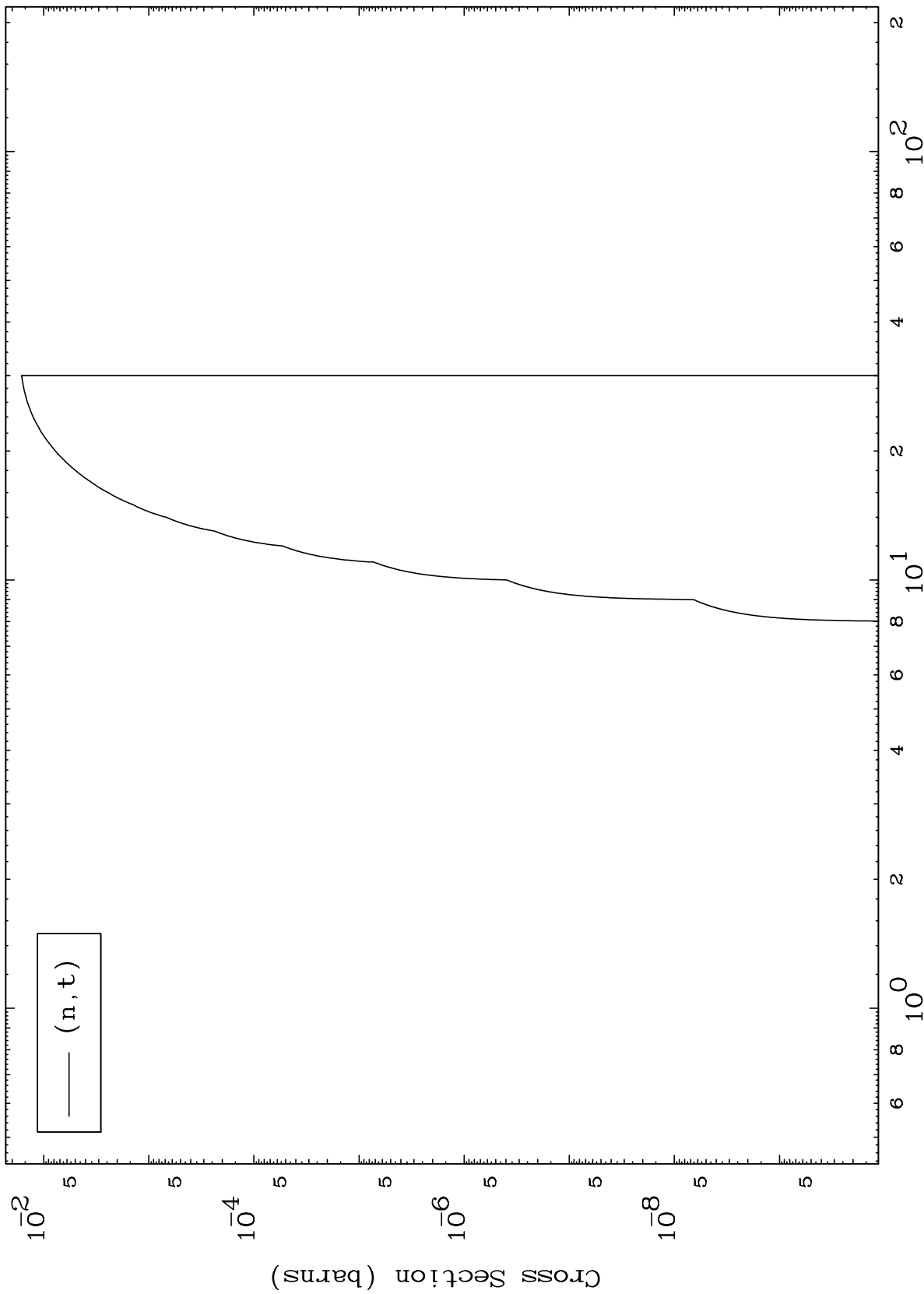
0 Kelvin Cross Sections



MAT 8023

80-Hg-195m

(d, t) Levels  
0 Kelvin Cross Sections

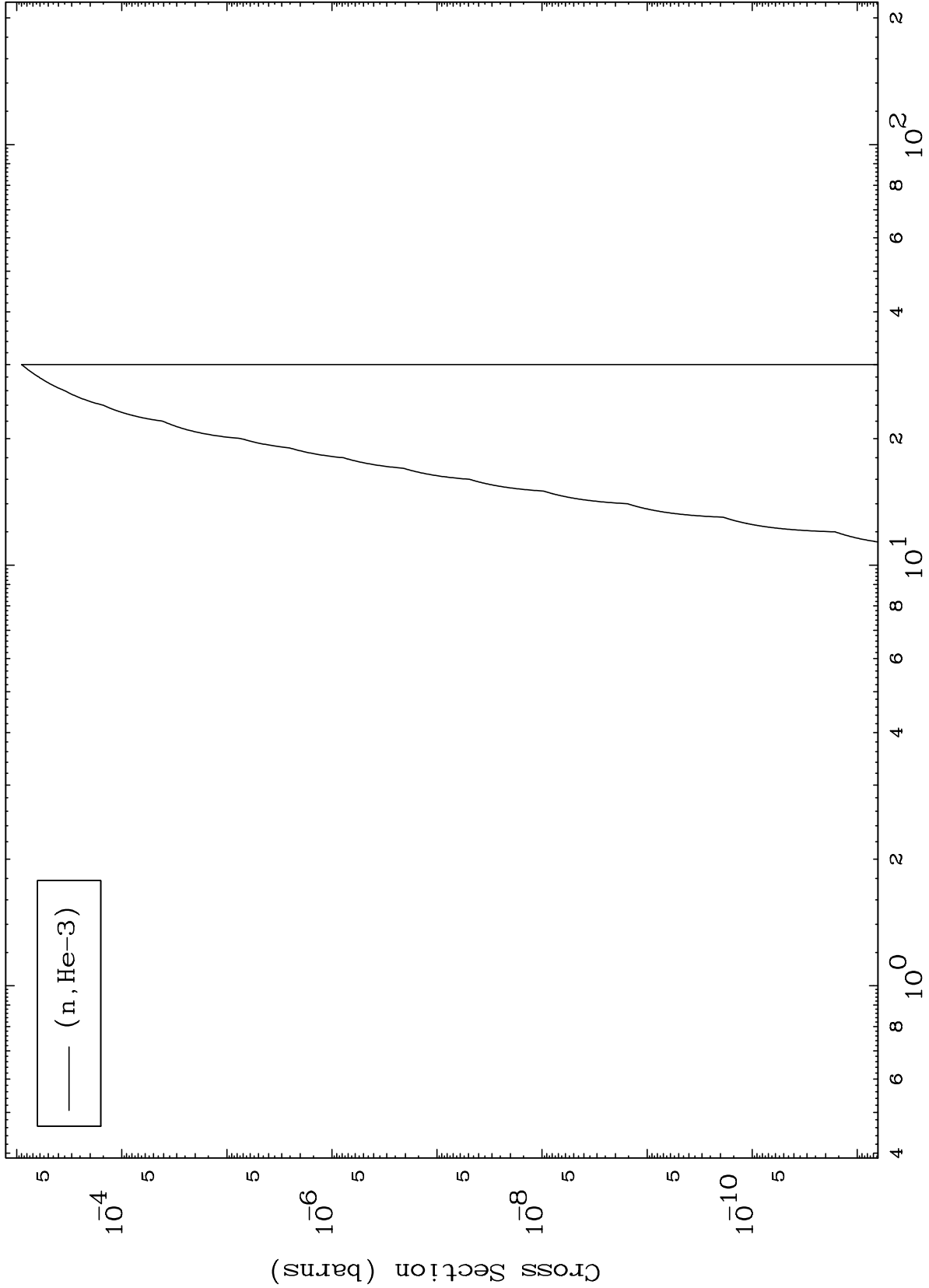


MAT 8023

(d,He3) Levels

80-Hg-195m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

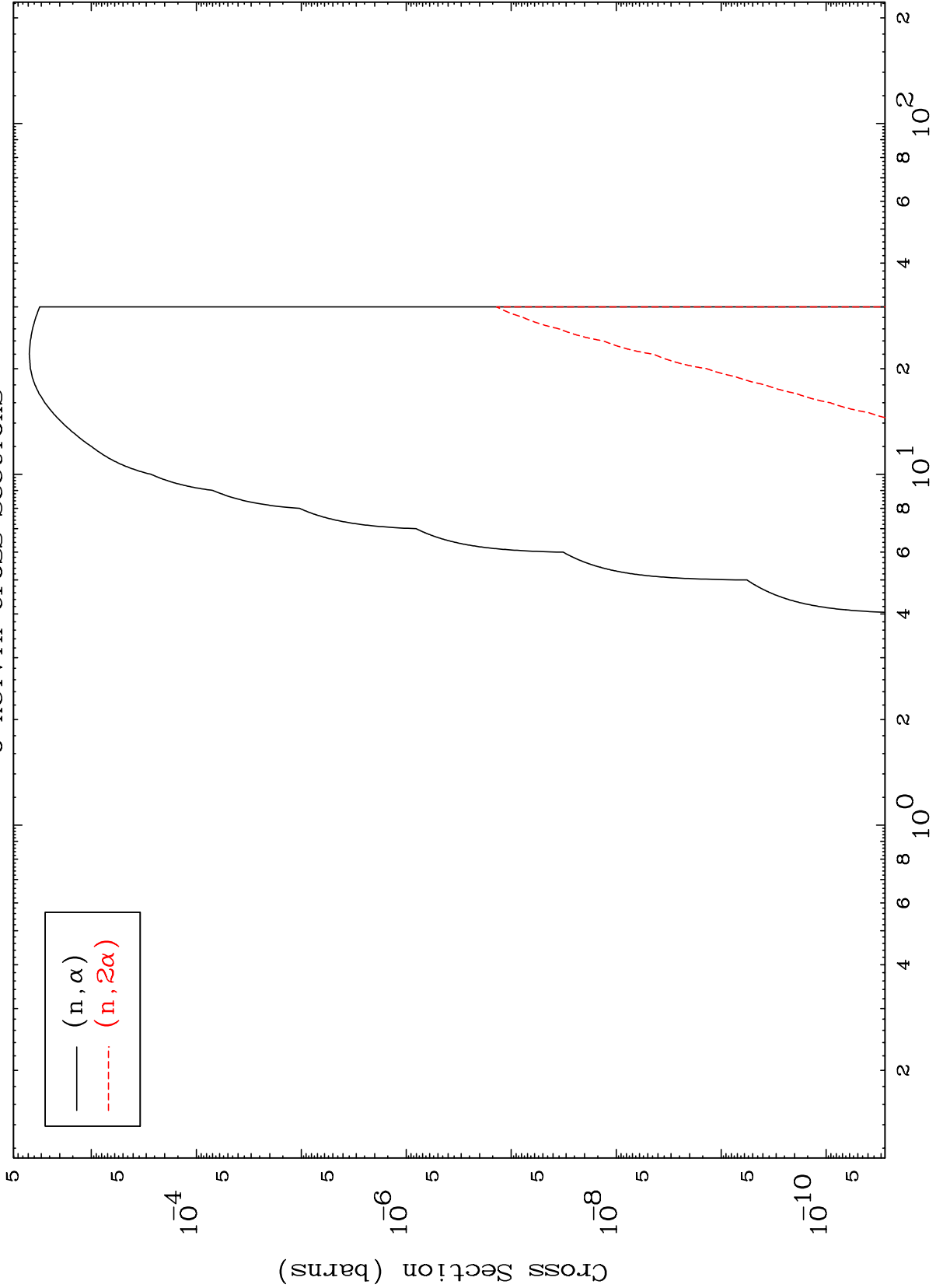
80-Hg-195m

MAT 8023

(d,  $\alpha$ ) Levels

80-Hg-195m

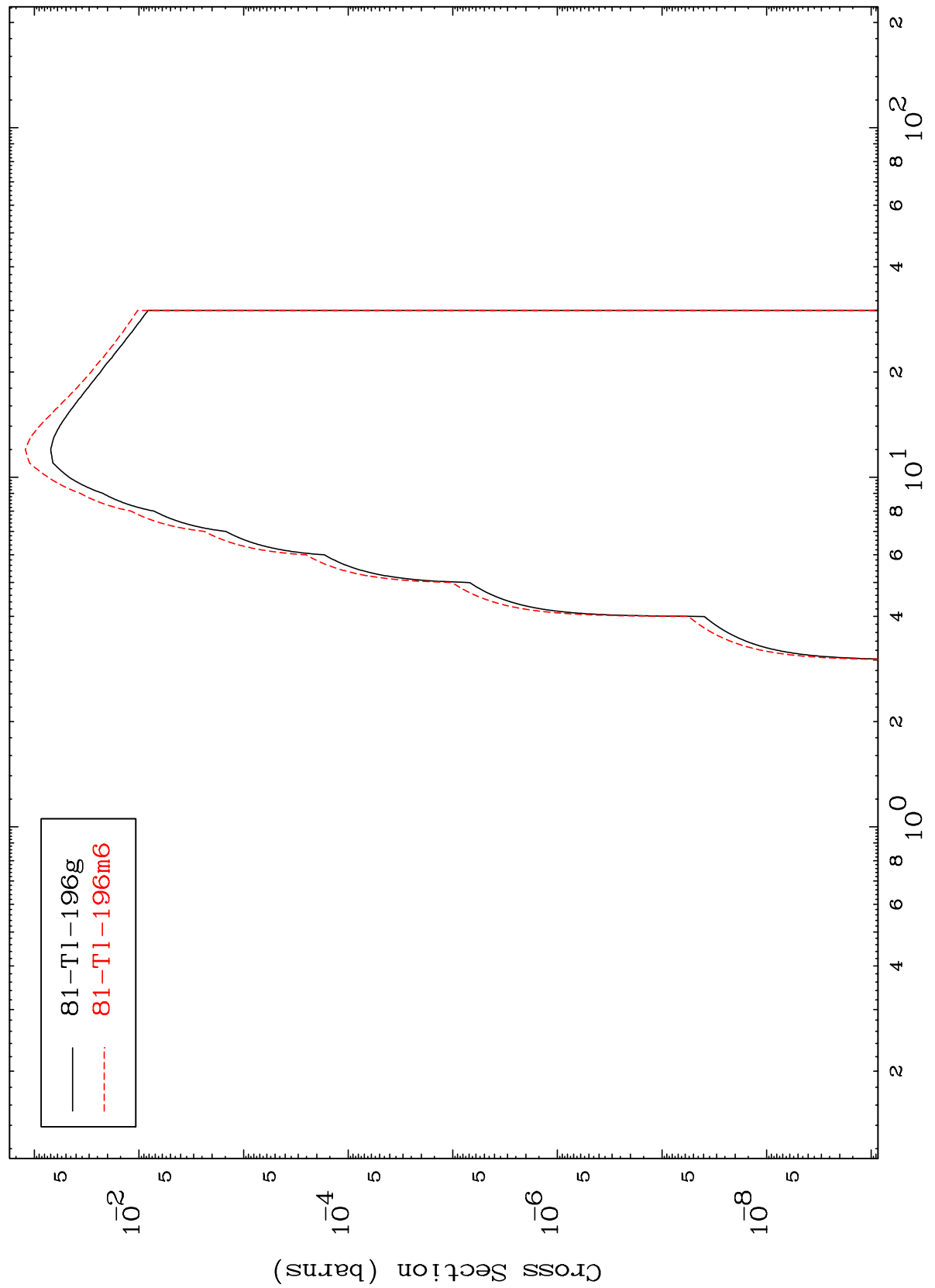
0 Kelvin Cross Sections



MAT 8023

80-Hg-195m

Radionuclide Production Cross Section



81-Tl-196g  
81-Tl-196m6

80-Hg-195m

Incident Energy (MeV)

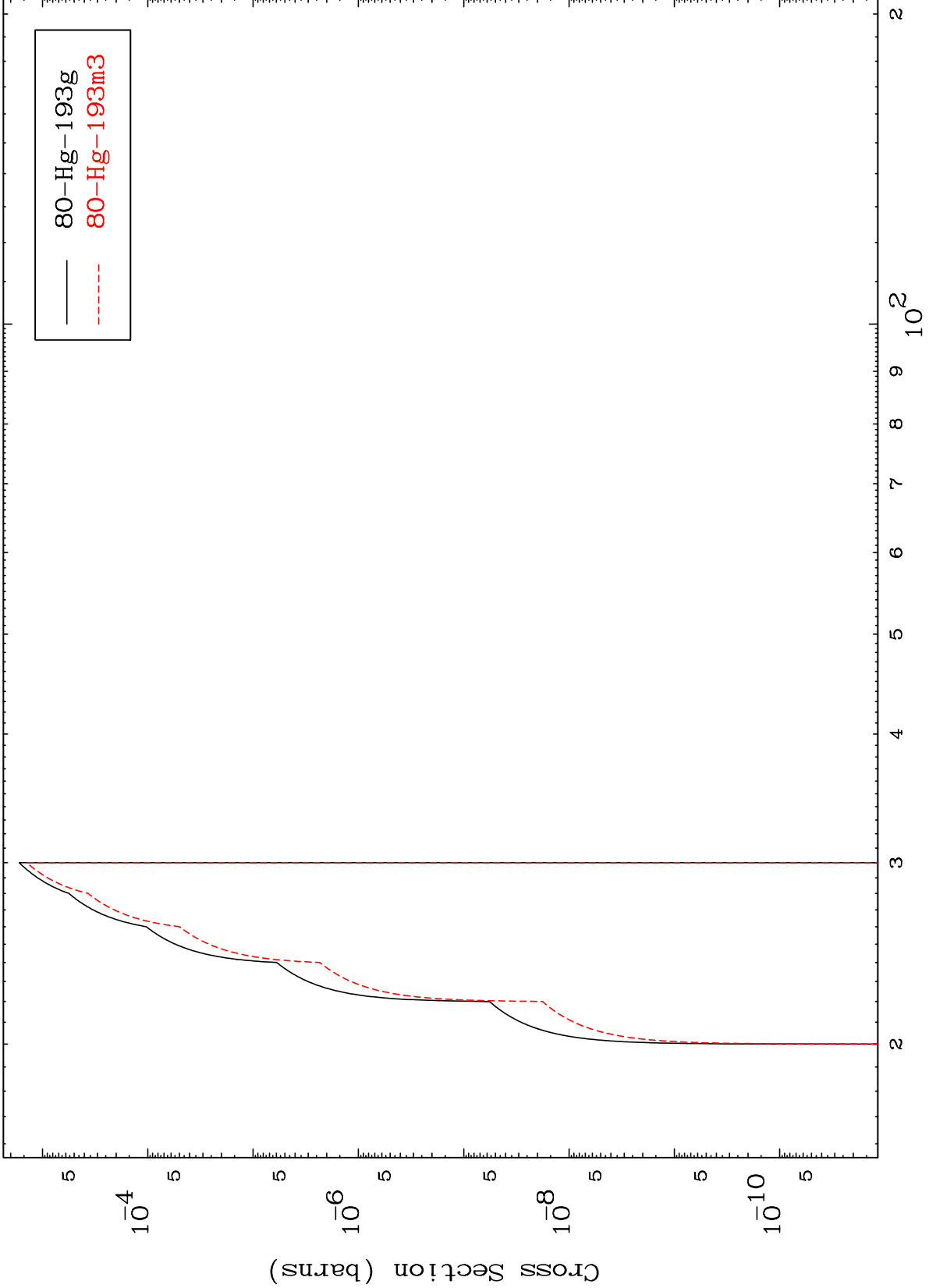
12

MAT 8023

(n,2n) d

80-Hg-195m

Radionuclide Production Cross Section



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

13

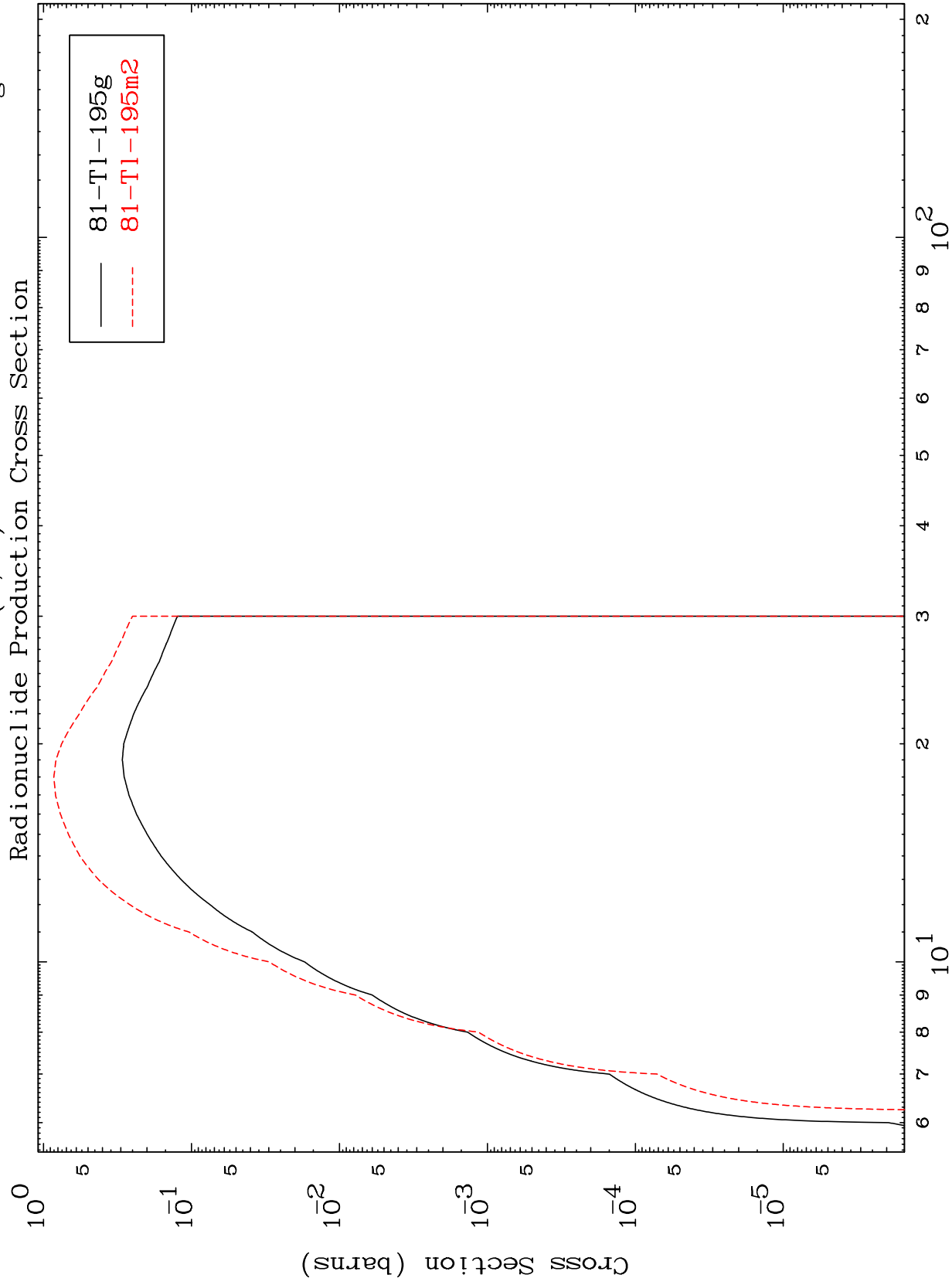
Incident Energy (MeV)

80-Hg-195m

MAT 8023

(n,2n)

80-Hg-195m



14

Incident Energy (MeV)

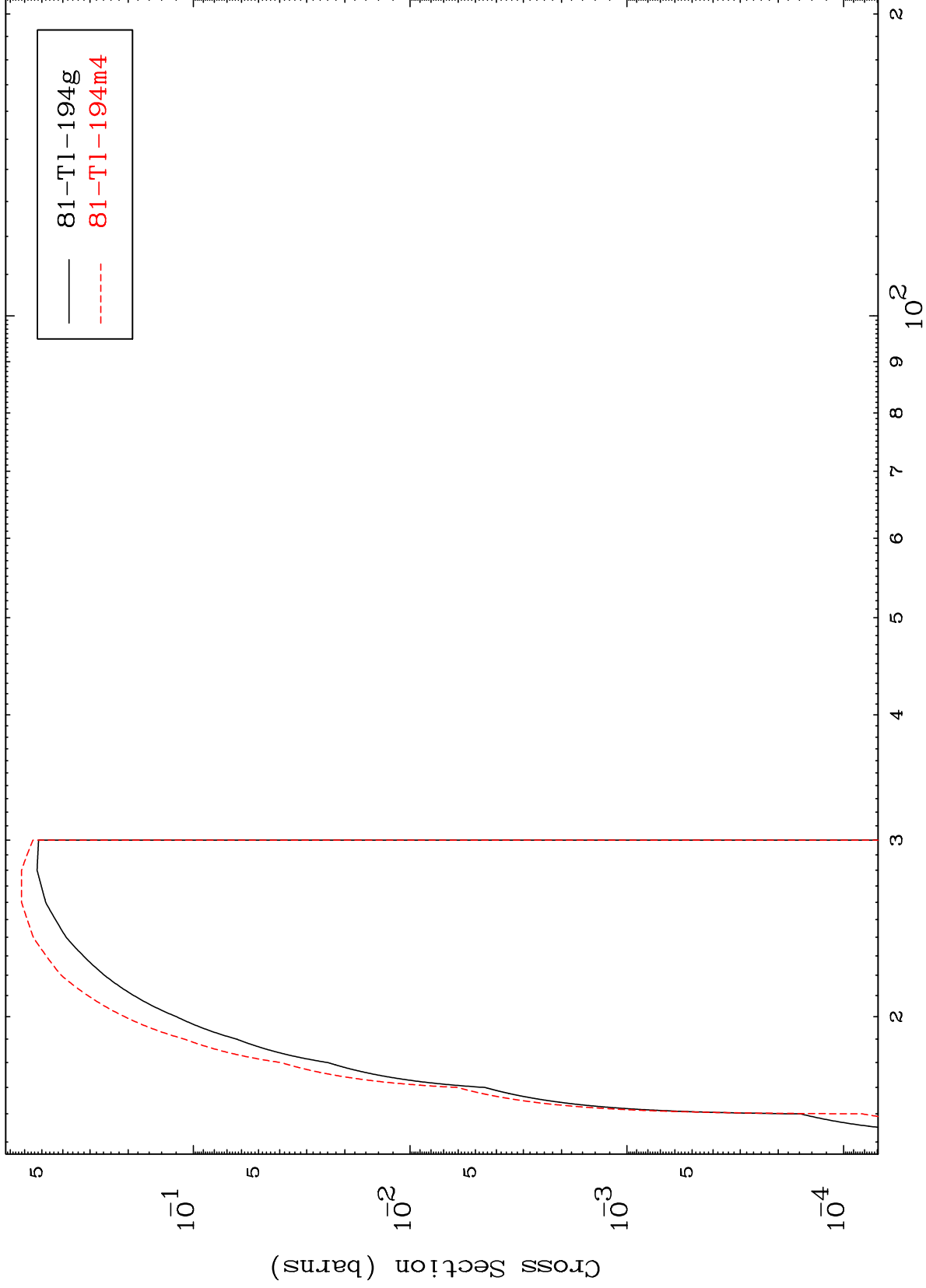
80-Hg-195m

MAT 8023

(n,3n)

80-Hg-195m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

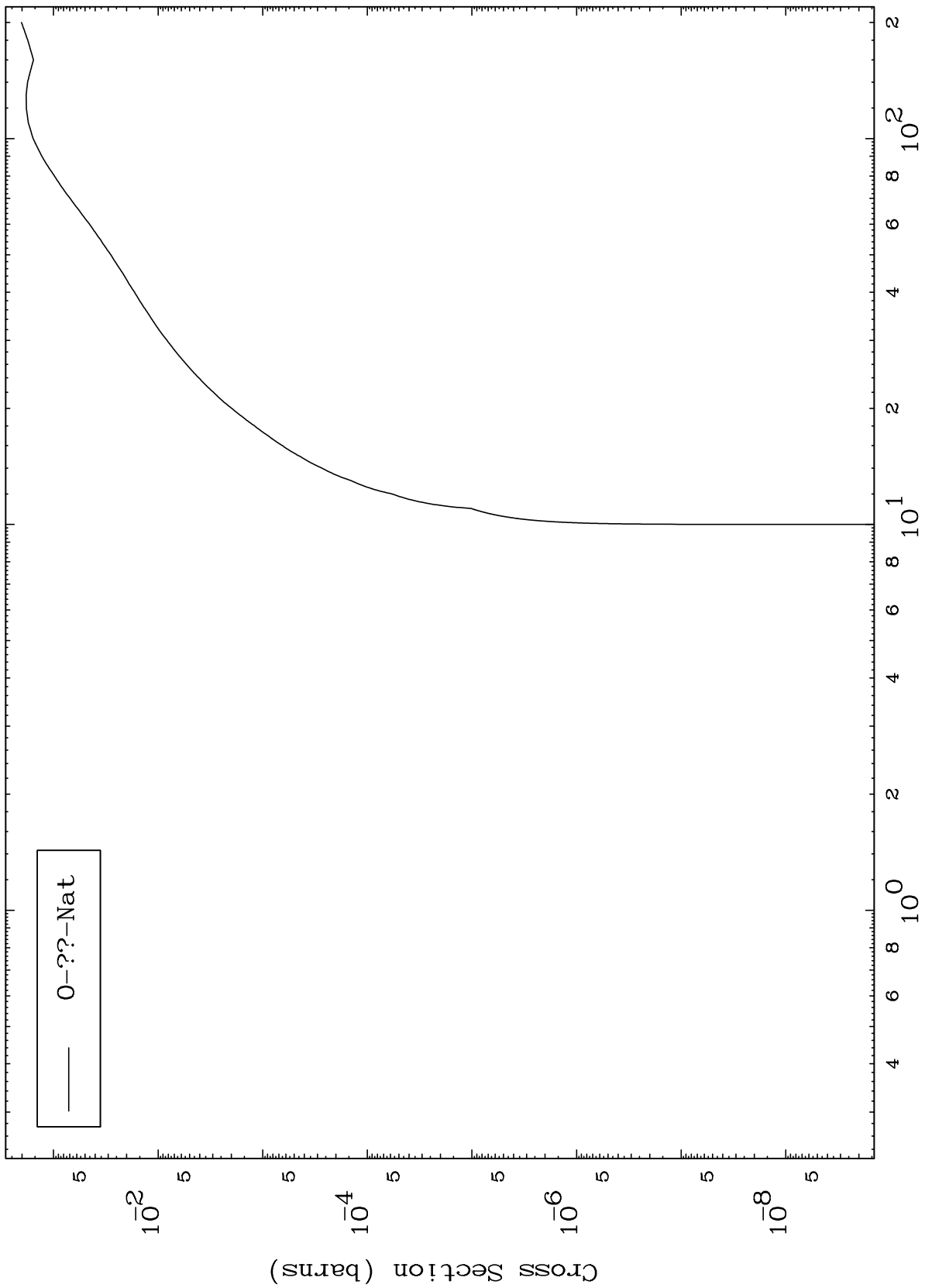
80-Hg-195m



MAT 8023

Fission  
Radionuclide Production Cross Section

80-Hg-195m

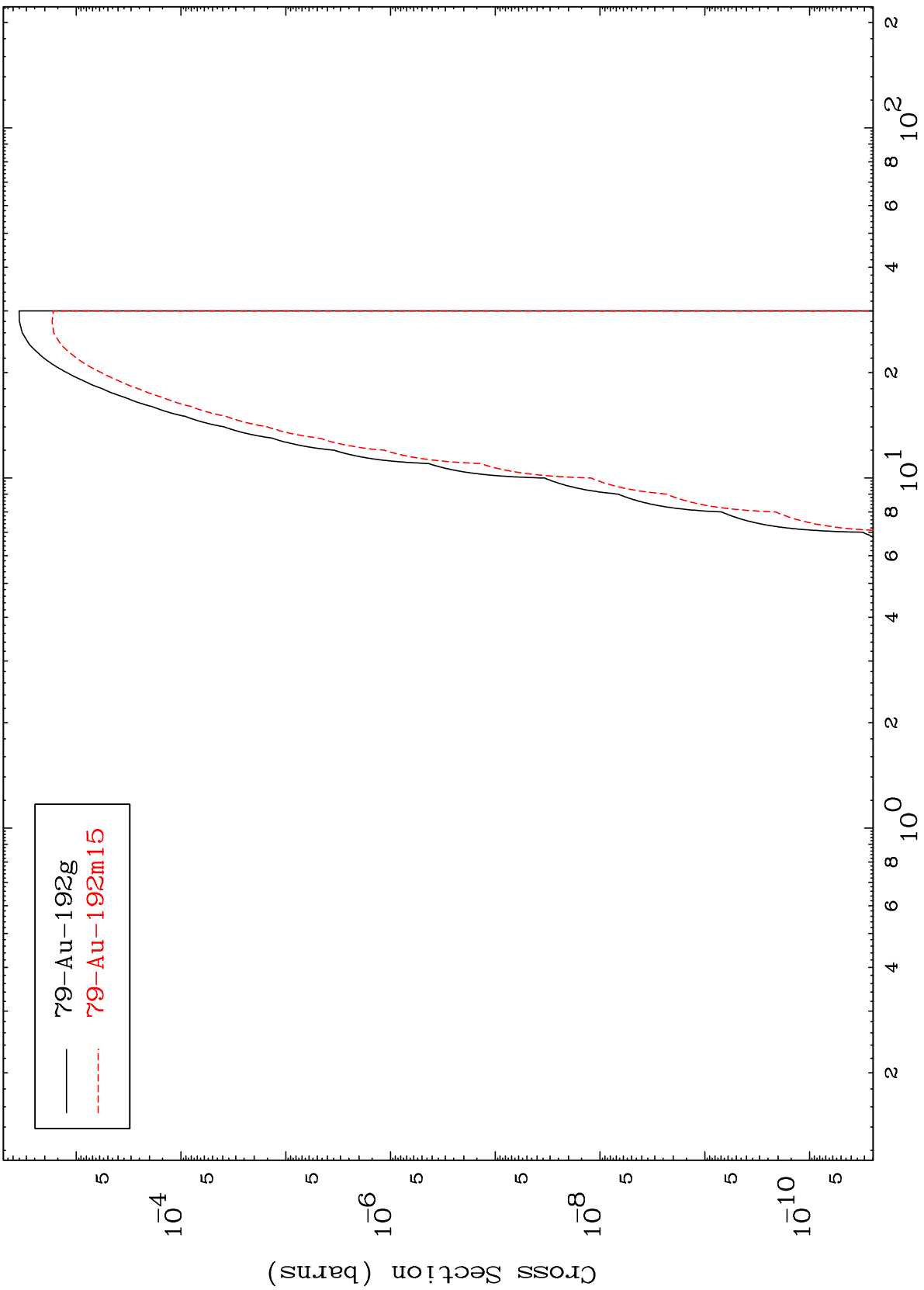


MAT 8023

$(n, n') \alpha$

80-Hg-195m

Radionuclide Production Cross Section



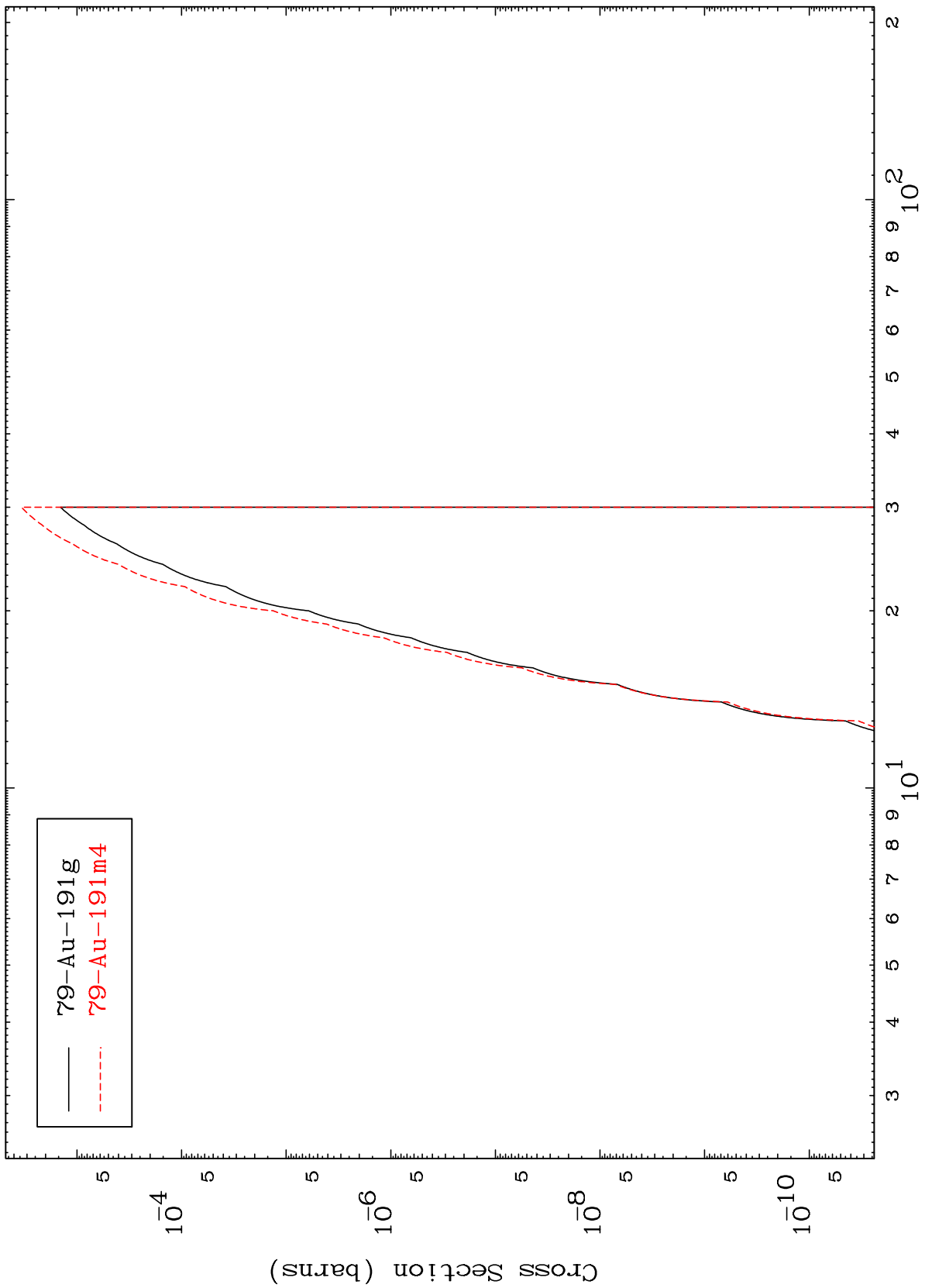
79-Au-192g  
79-Au-192m15

MAT 8023

$(n,2n) \alpha$

80-Hg-195m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

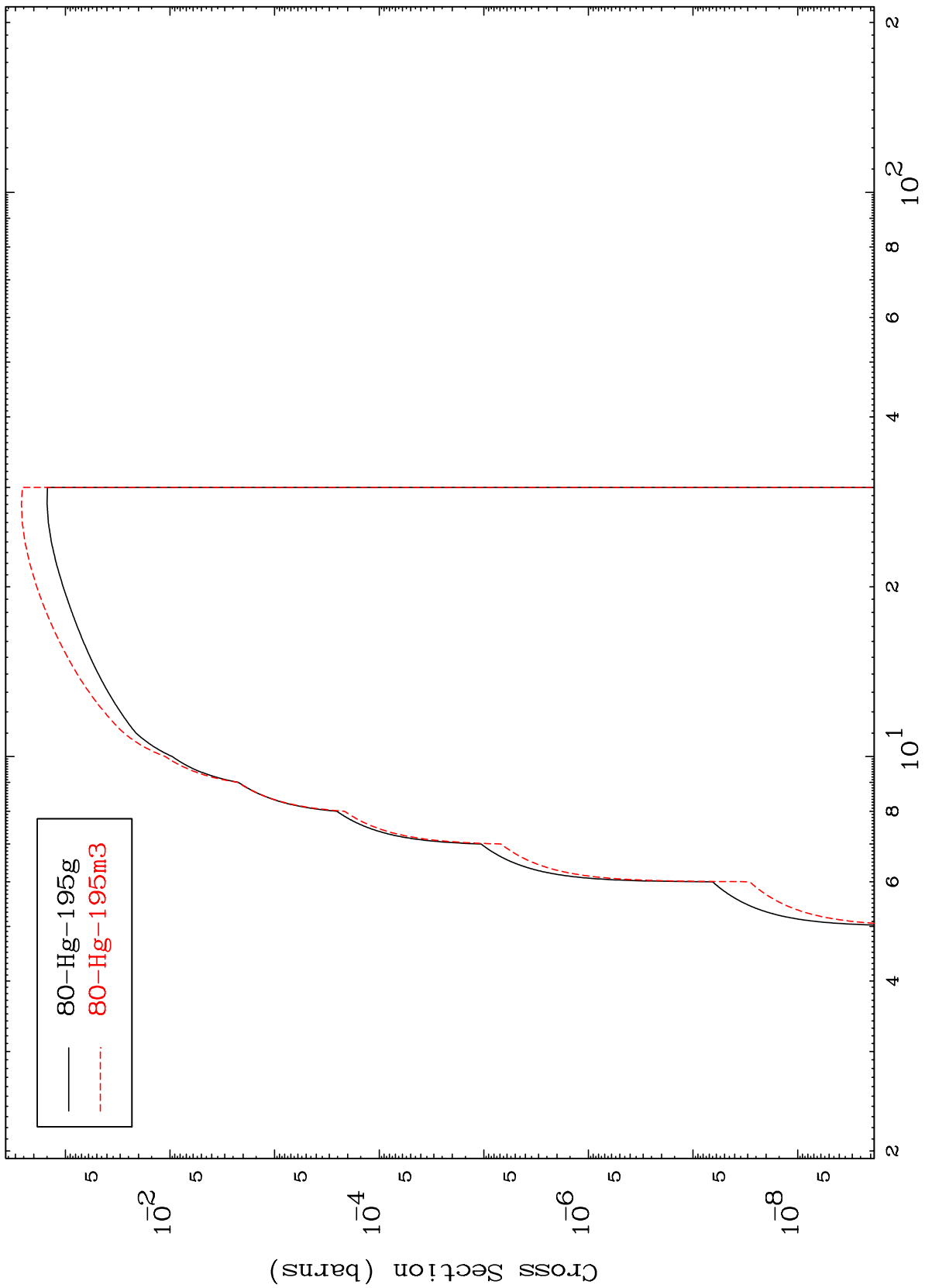
80-Hg-195m

MAT 8023

80-Hg-195m

Radionuclide Production Cross Section

(n,n') p



19

80-Hg-195m

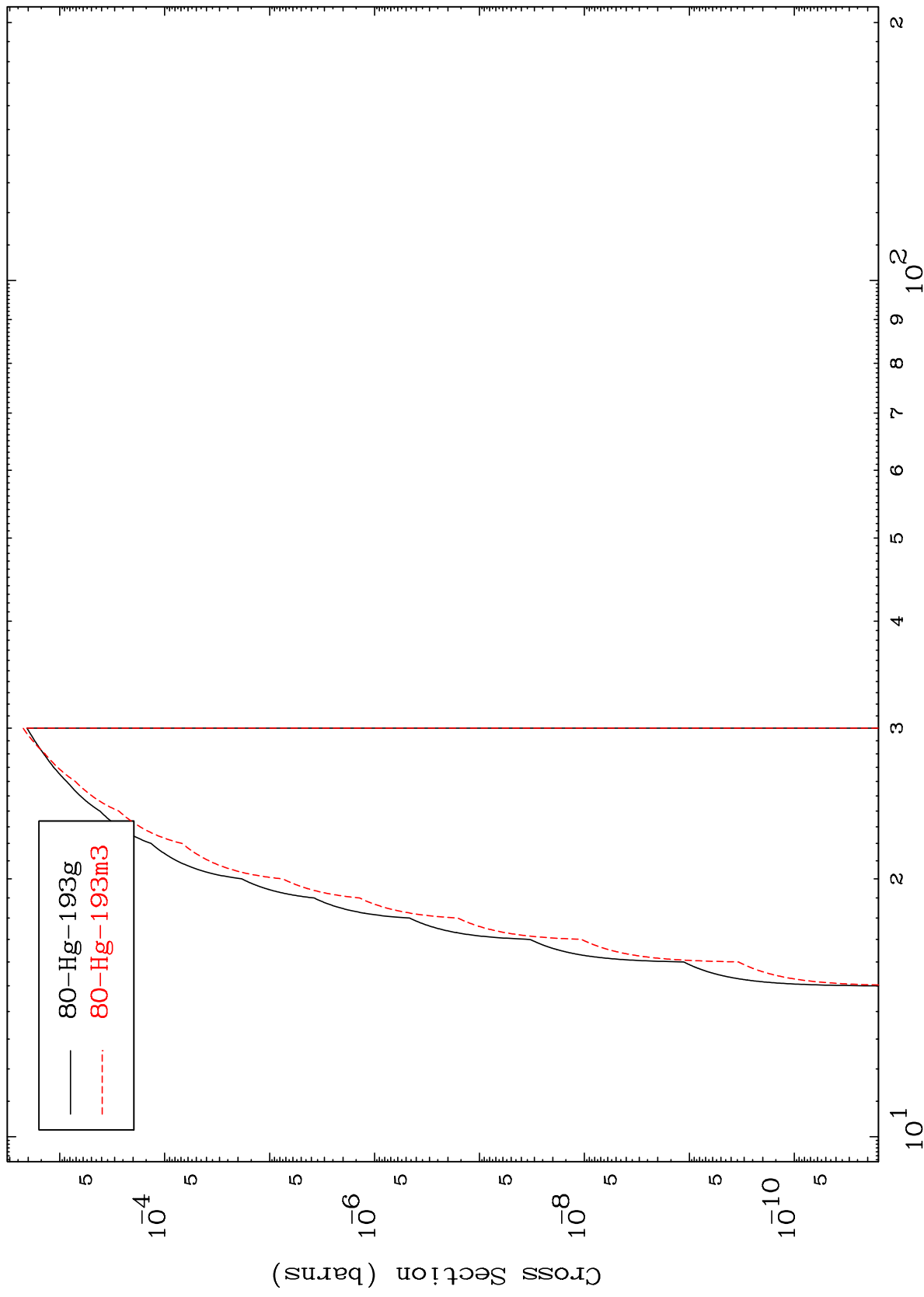
Incident Energy (MeV)

MAT 8023

(n,n') t

80-Hg-195m

Radionuclide Production Cross Section



Incident Energy (MeV)

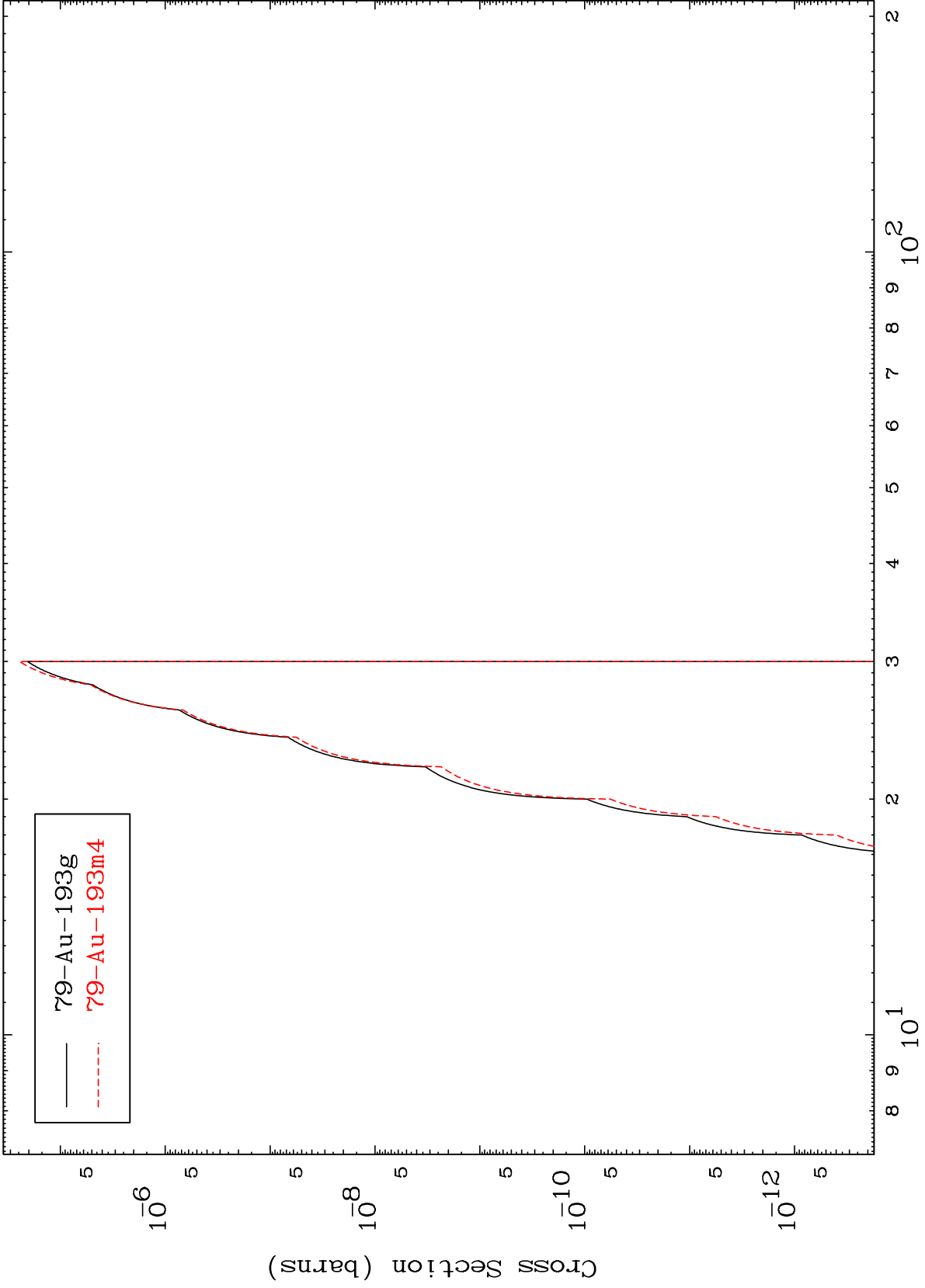
80-Hg-195m

MAT 8023

(n,n') He-3

80-Hg-195m

Radionuclide Production Cross Section

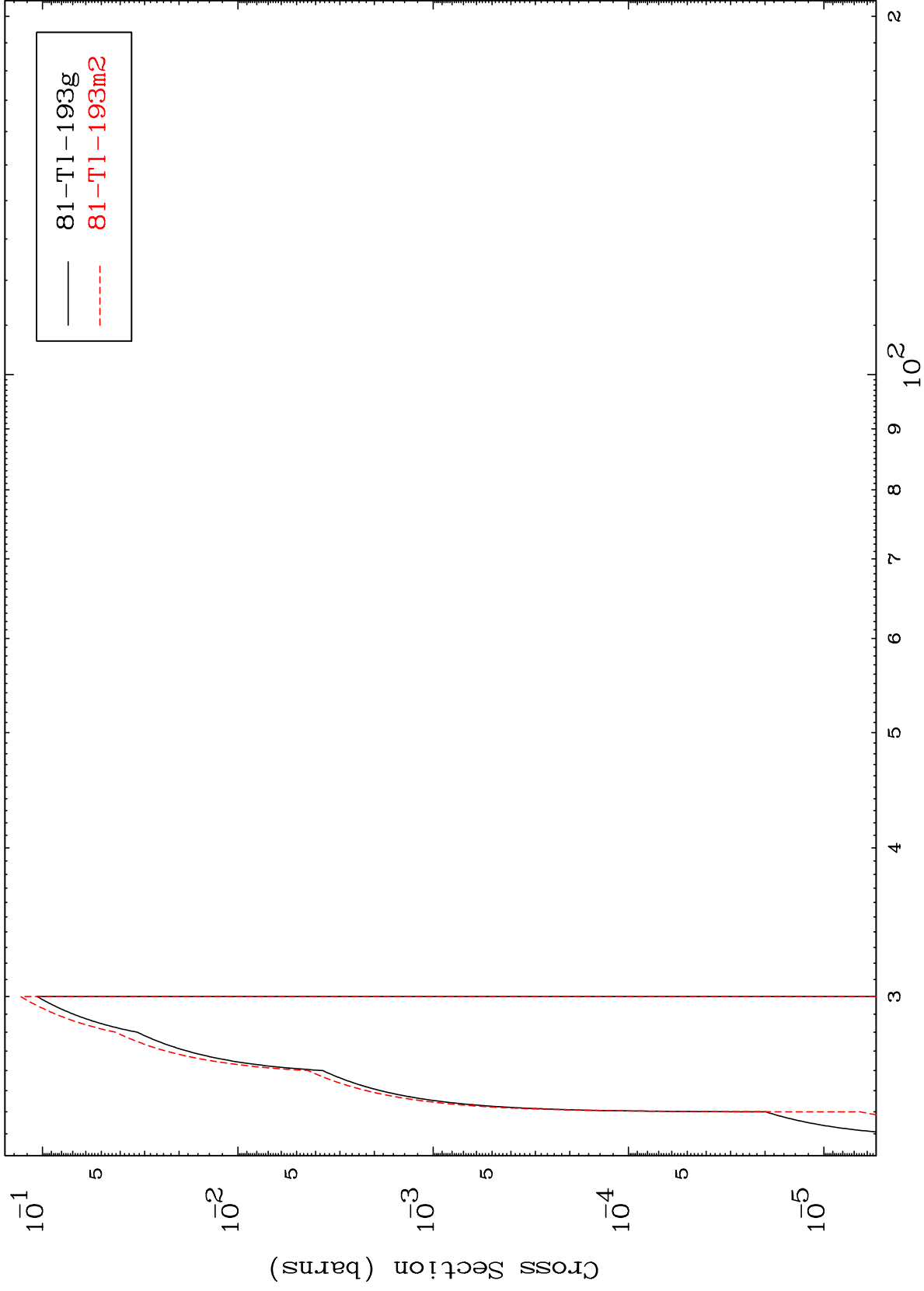


MAT 8023

(n,4n)

80-Hg-195m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

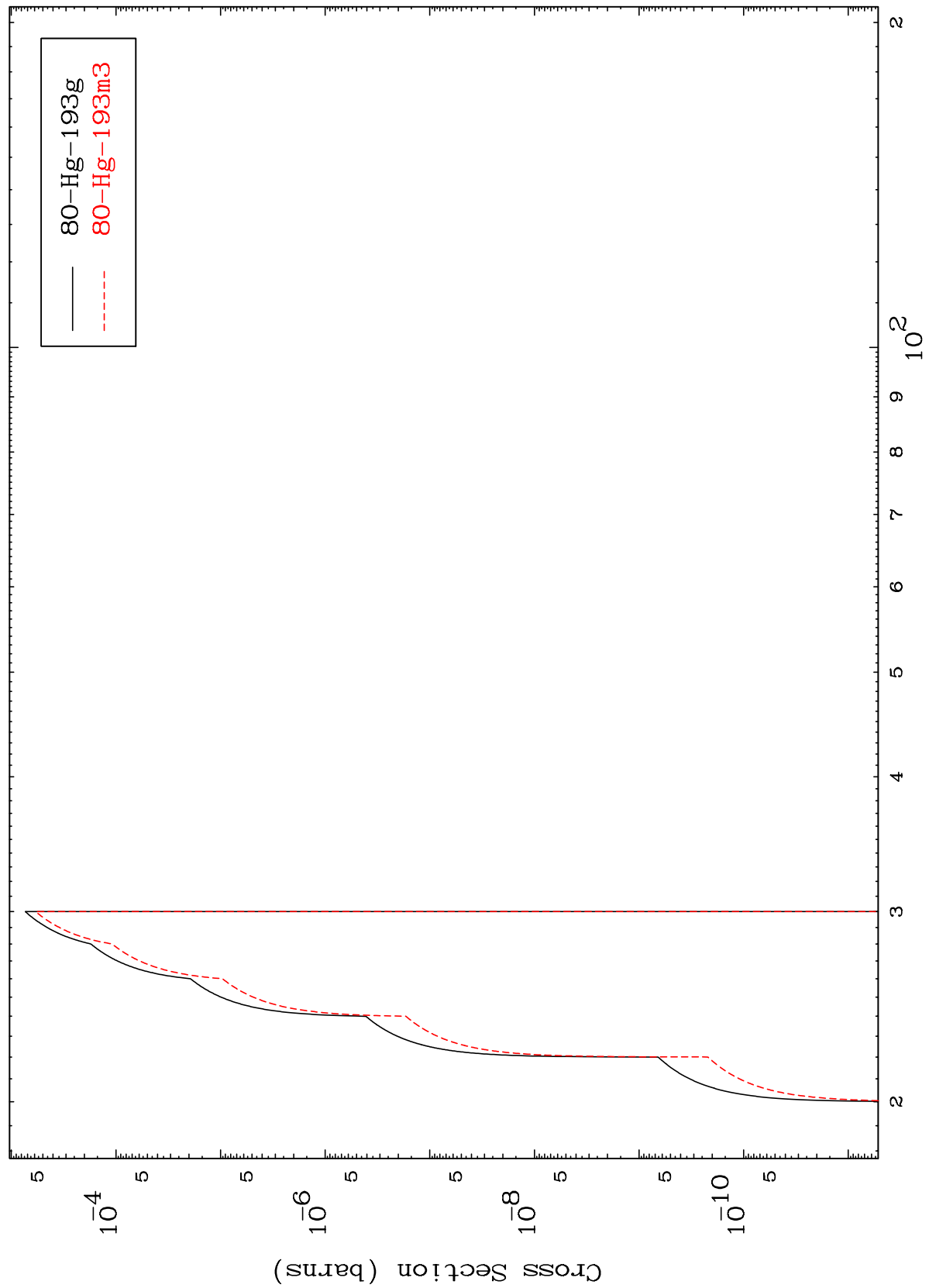
80-Hg-195m

MAT 8023

(n,3n) p

80-Hg-195m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

80-Hg-195m

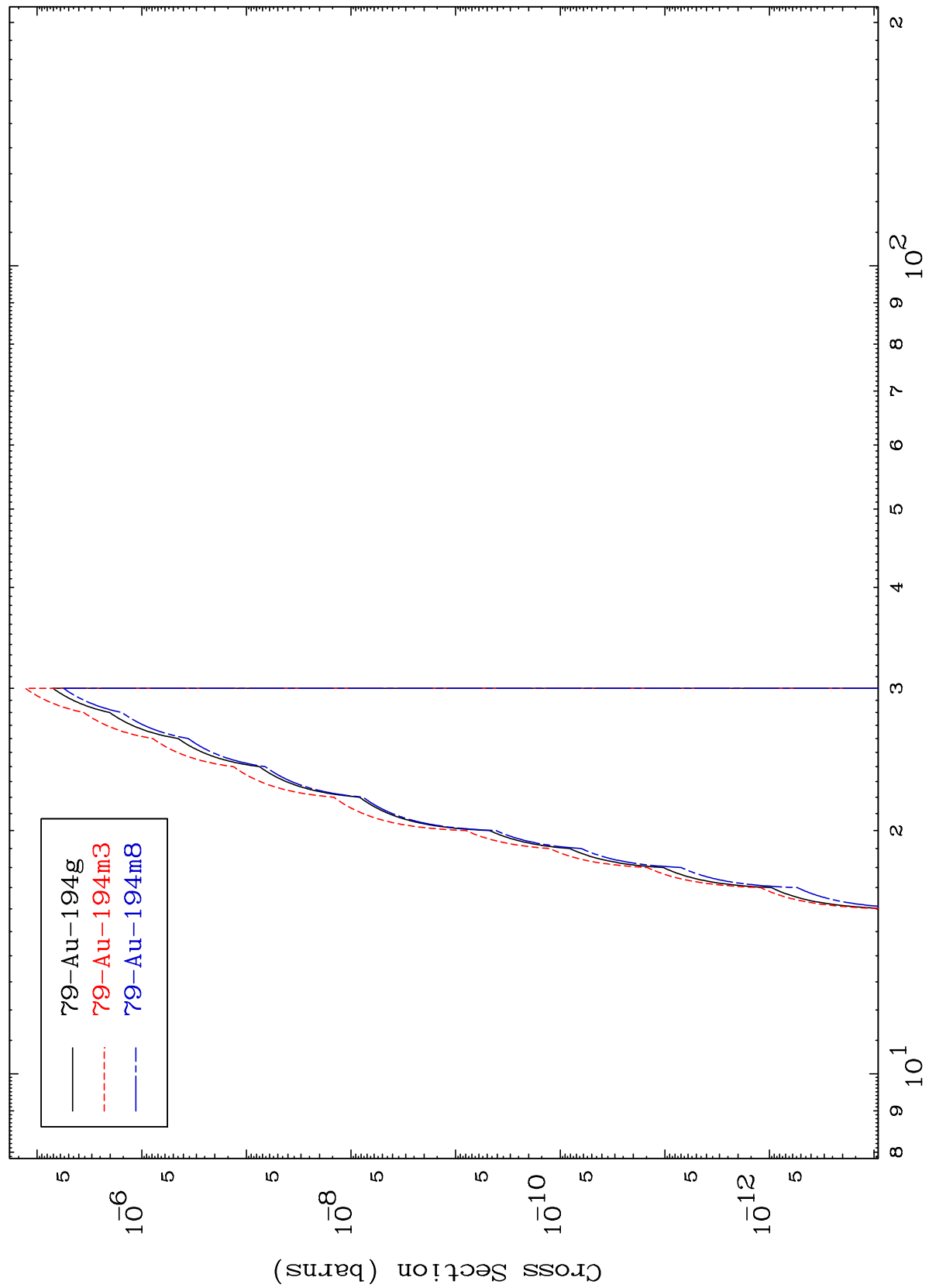


MAT 8023

(n,2n) p

80-Hg-195m

Radionuclide Production Cross Section



79-Au-194g  
79-Au-194m3  
79-Au-194m8

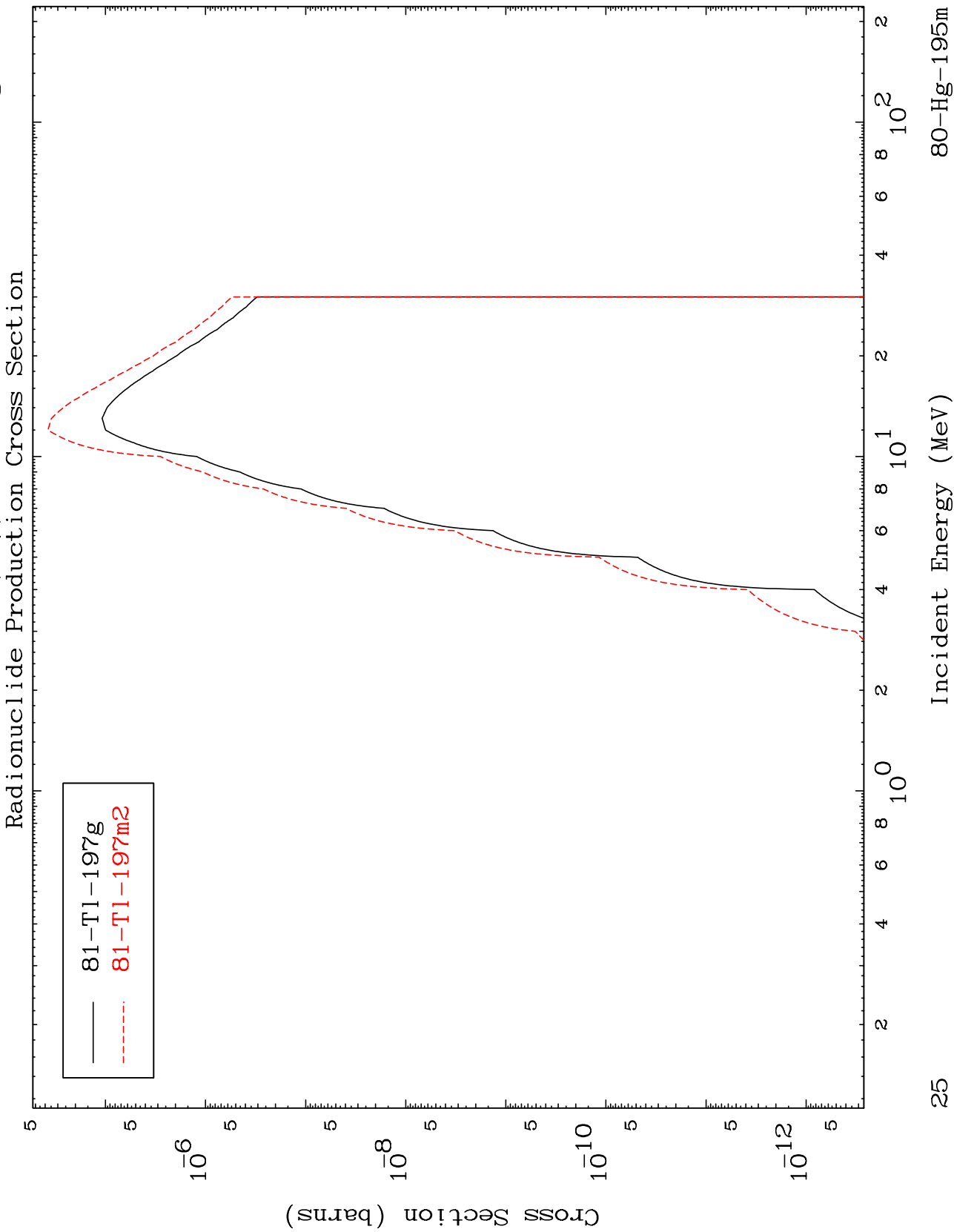
Incident Energy (MeV)

80-Hg-195m

24

MAT 8023

80-Hg-195m

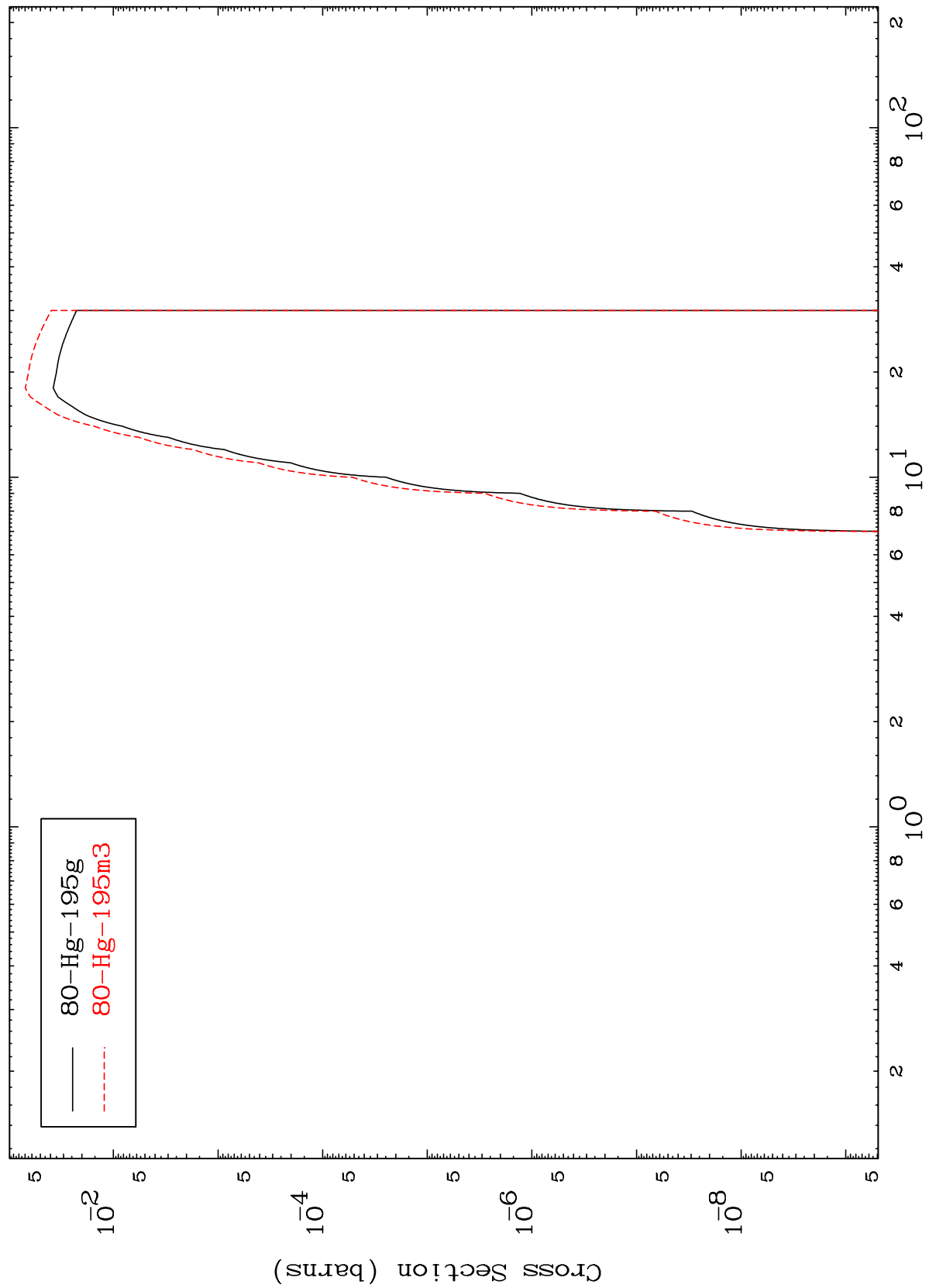


MAT 8023

(n,d)

80-Hg-195m

Radionuclide Production Cross Section



80-Hg-195g  
80-Hg-195m3

Incident Energy (MeV)

80-Hg-195m

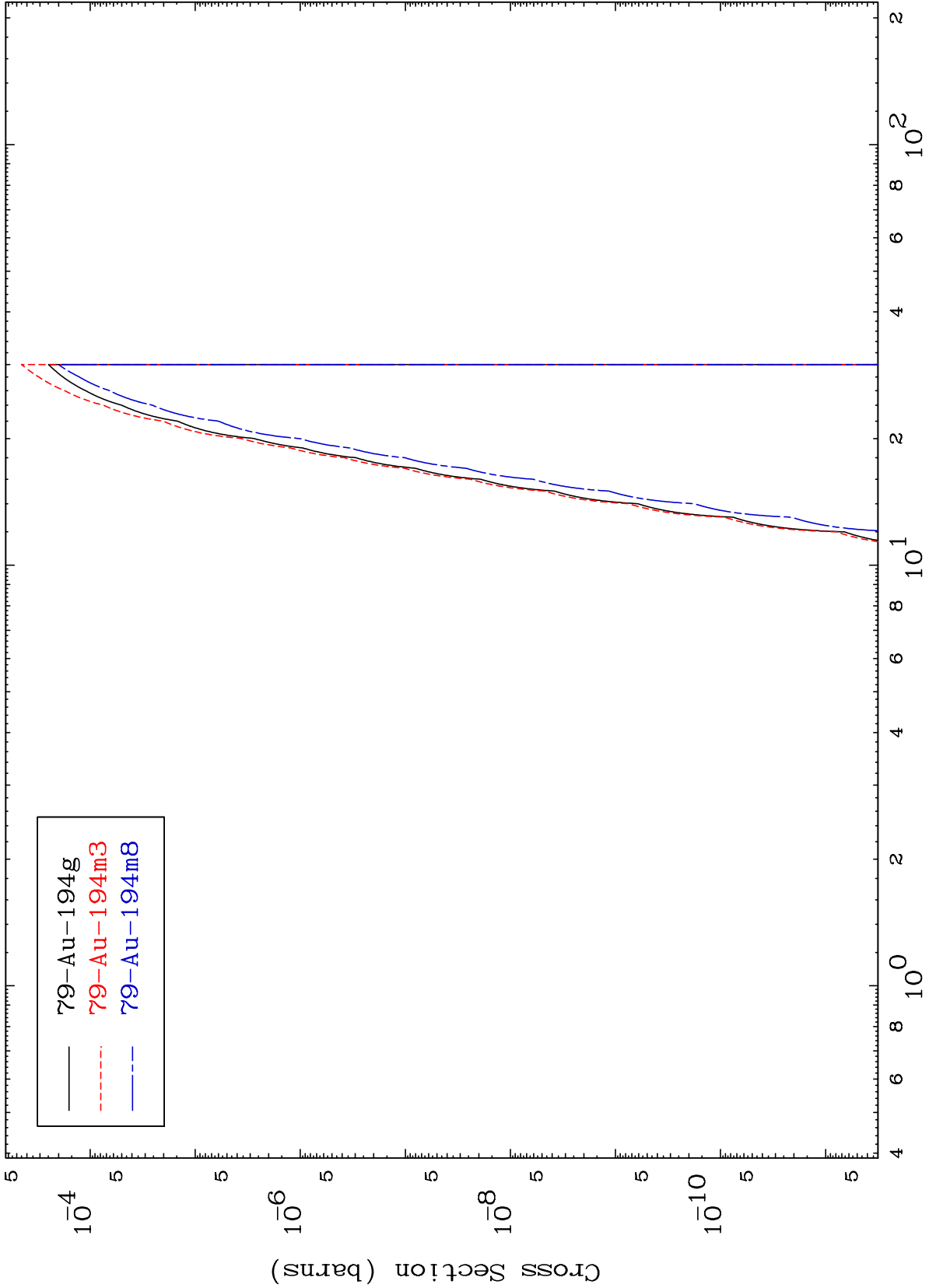
26

MAT 8023

(n,He-3)

80-Hg-195m

Radionuclide Production Cross Section



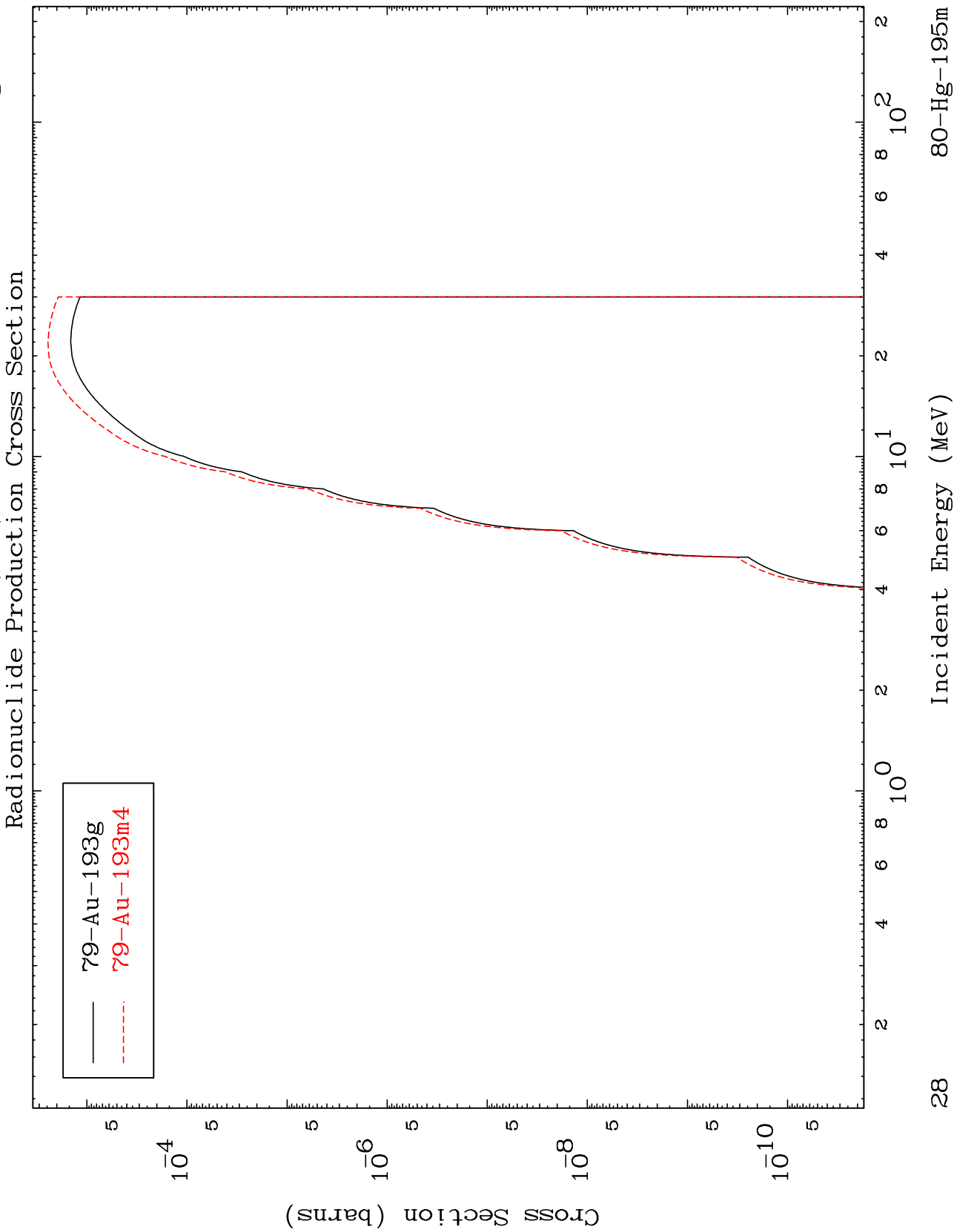
27

Incident Energy (MeV)

80-Hg-195m

MAT 8023

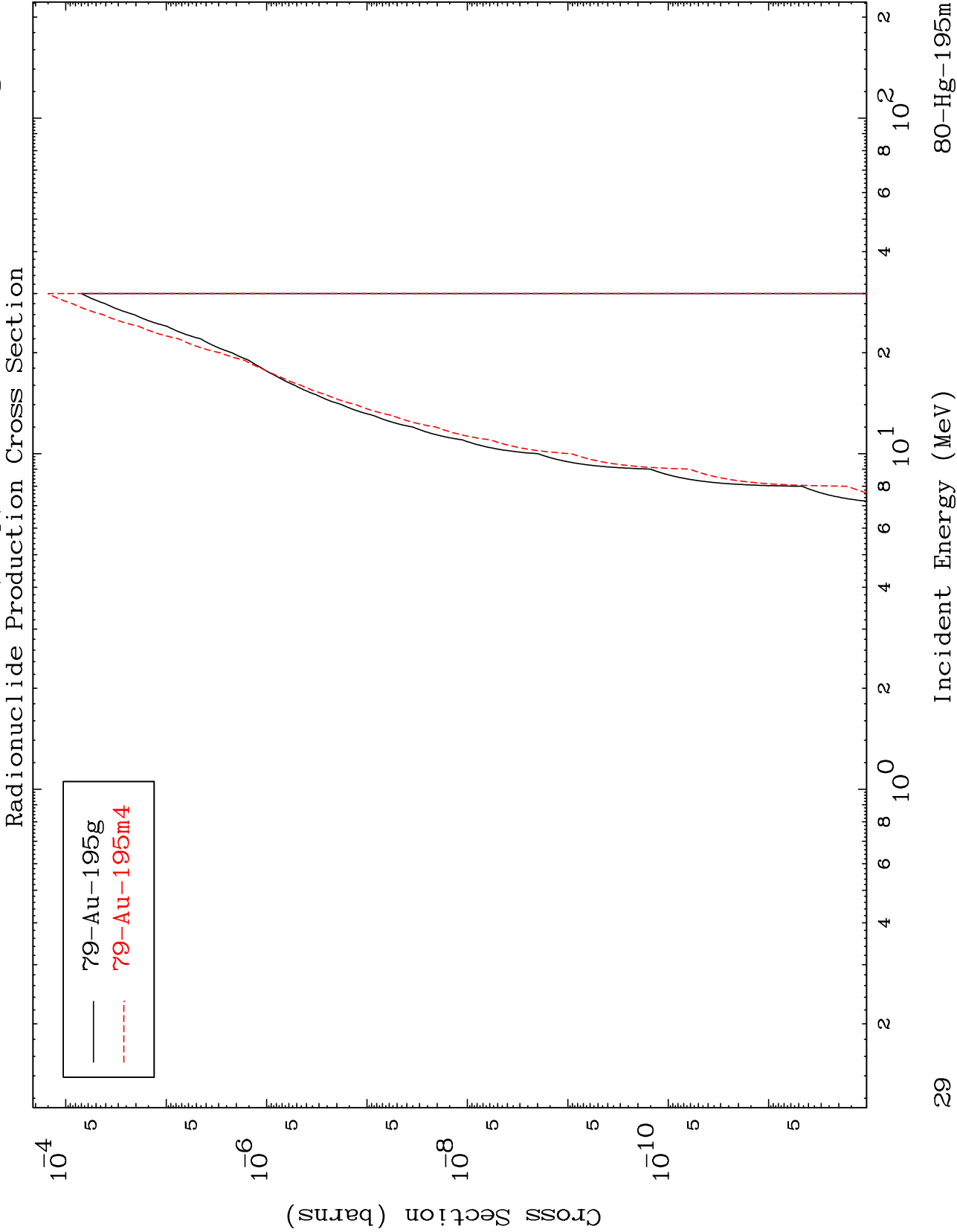
80-Hg-195m



MAT 8023

(n,2p)

80-Hg-195m

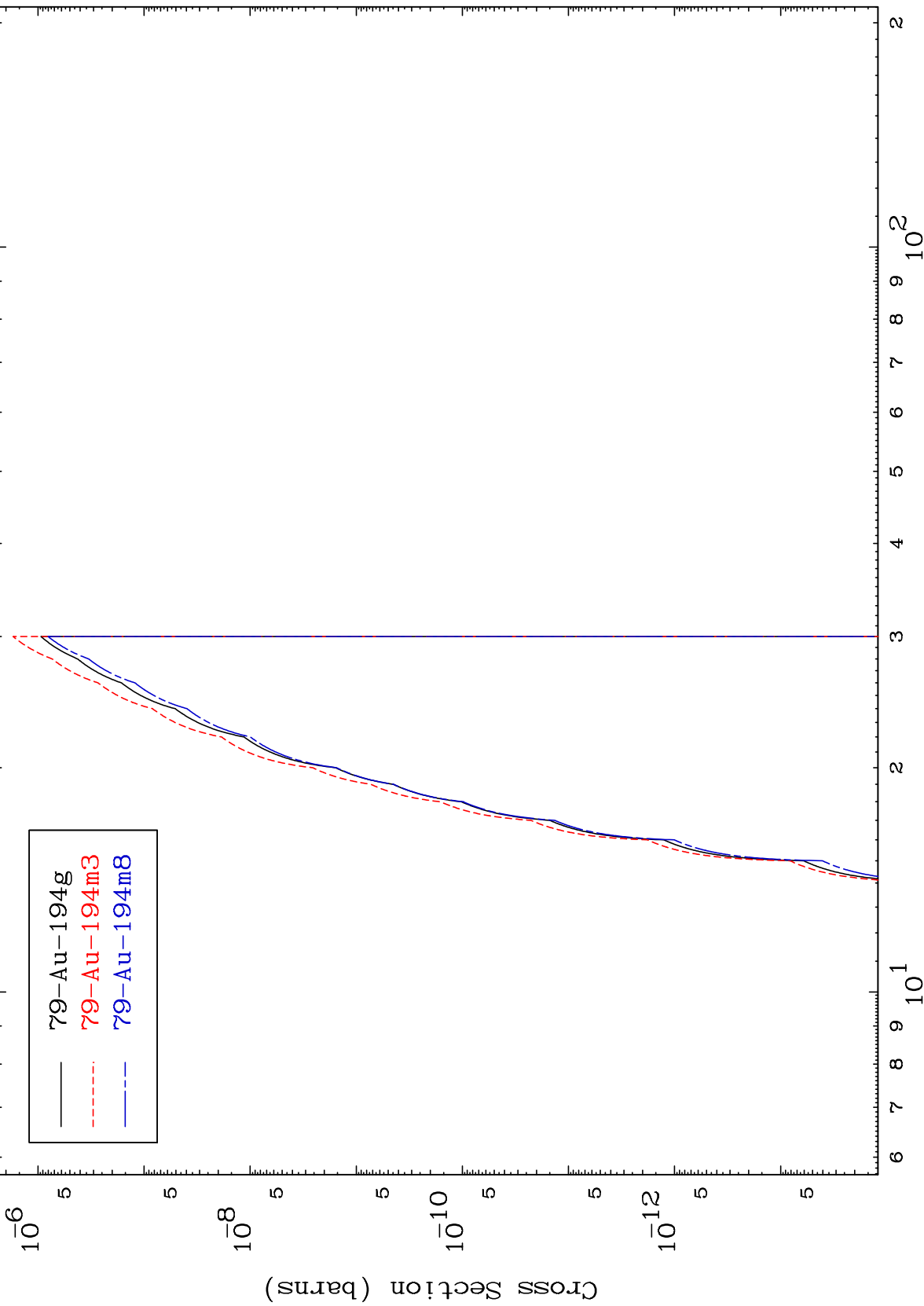


MAT 8023

(n,p) d

80-Hg-195m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

80-Hg-195m

MAT 8023

(n,p) t

80-Hg-195m

Radionuclide Production Cross Section

