

Program EVALPLOT  
(Version 2021-1)

by

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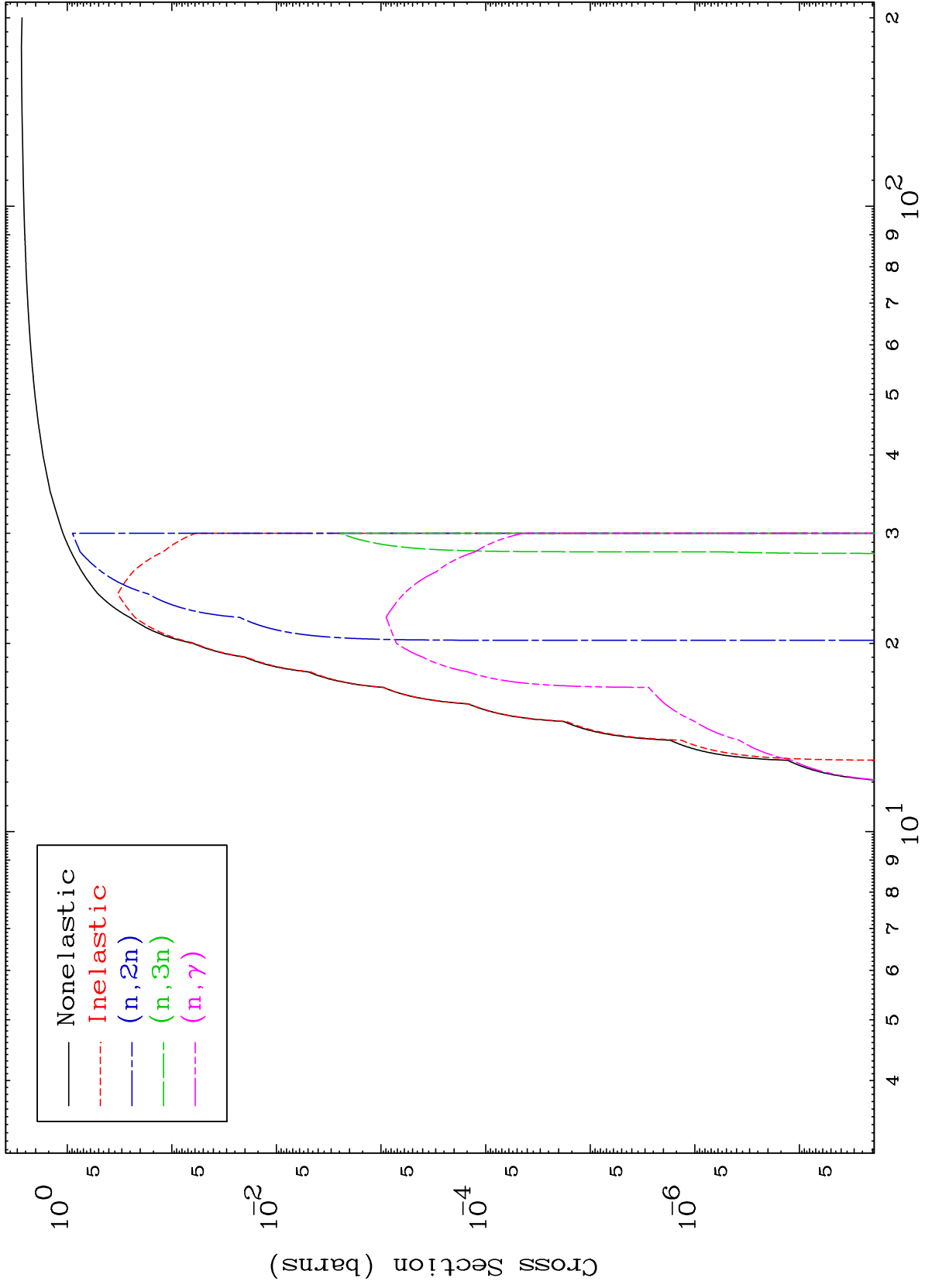
Press Mouse Button to Start

MAT 8023

0 Kelvin Cross Sections

$\alpha$  Major

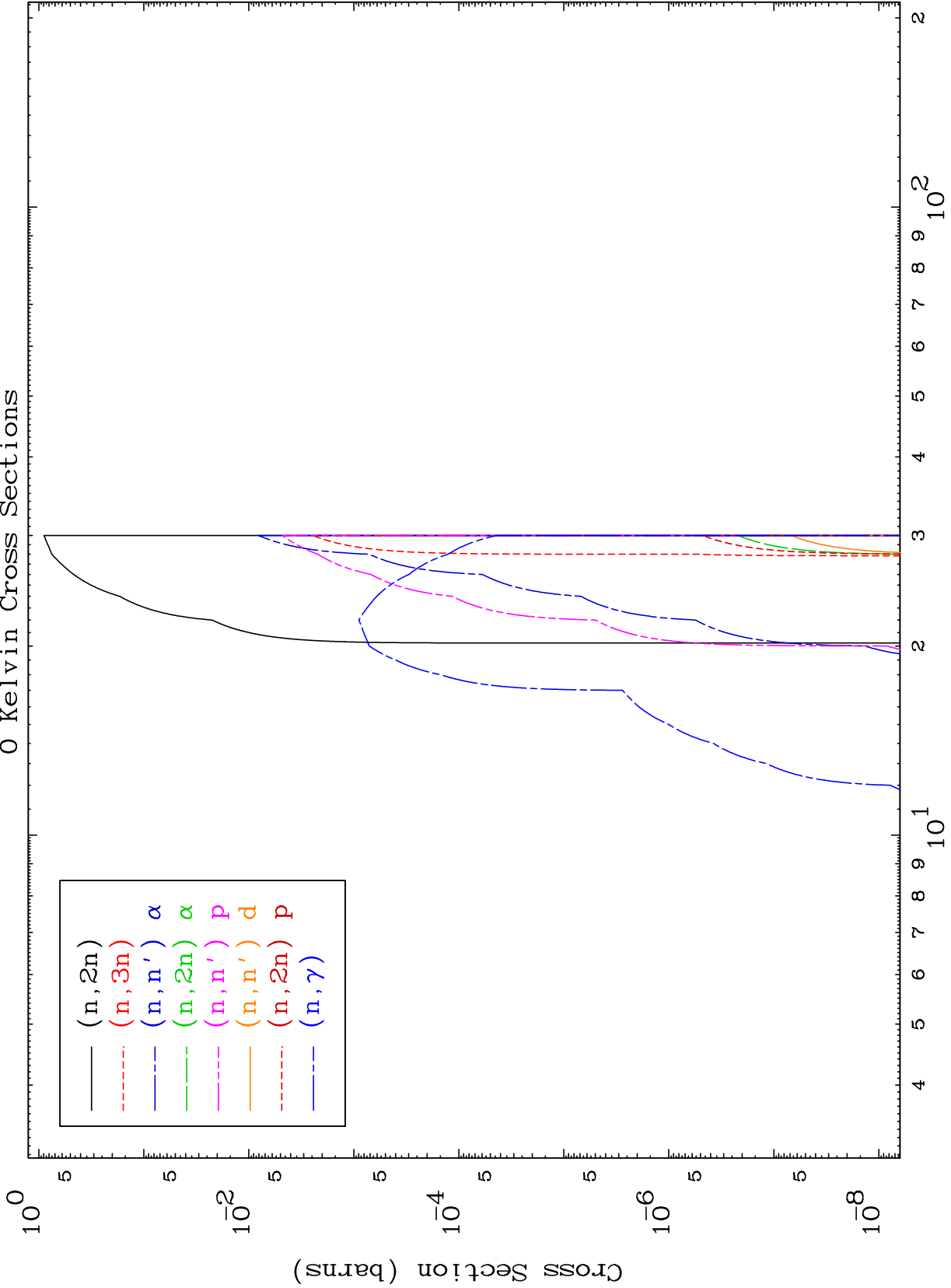
80-Hg-195m



MAT 8023

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-195m



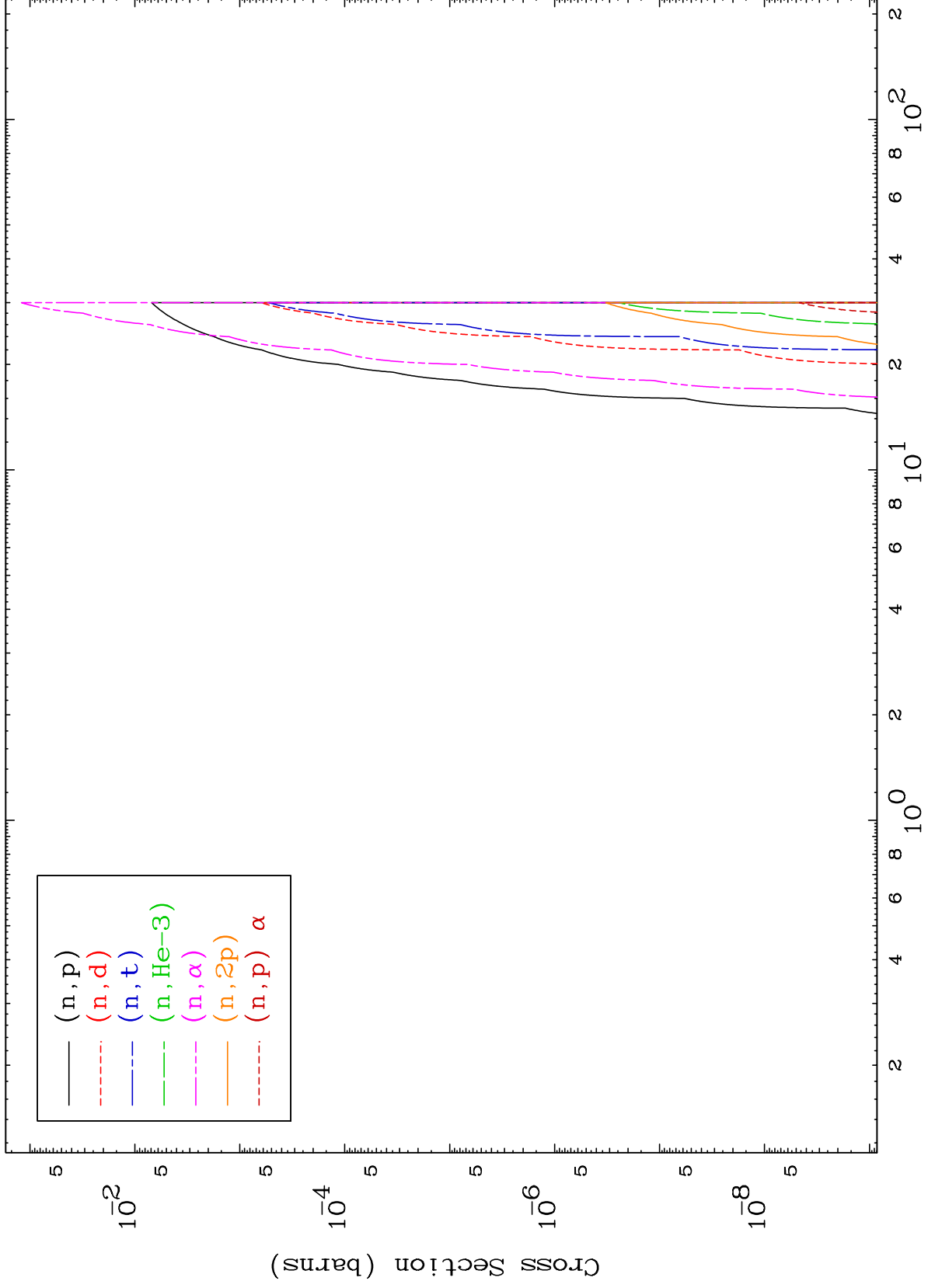
80-Hg-195m

Incident Energy (MeV)

MAT 8023

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

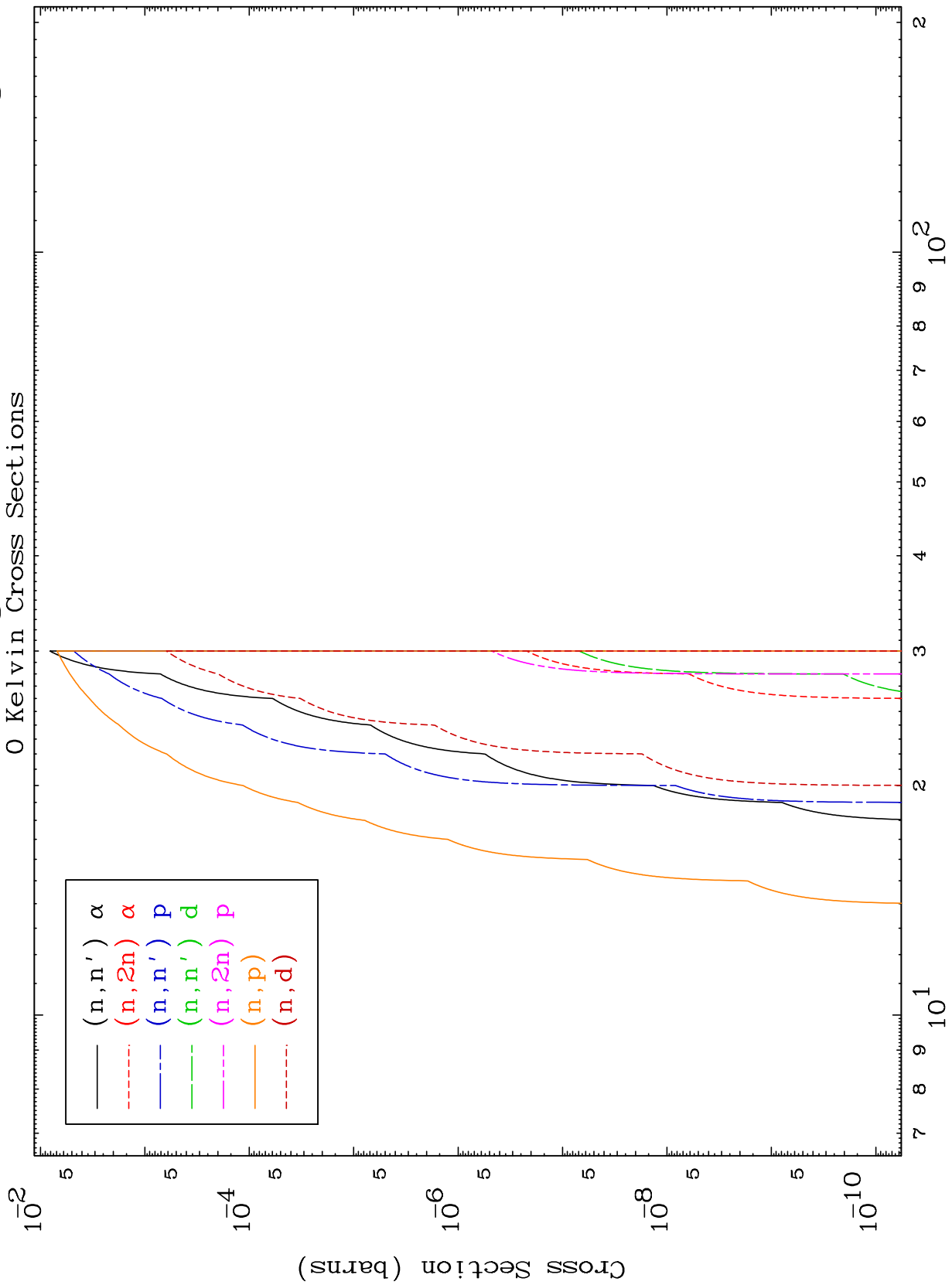
80-Hg-195m



MAT 8023

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

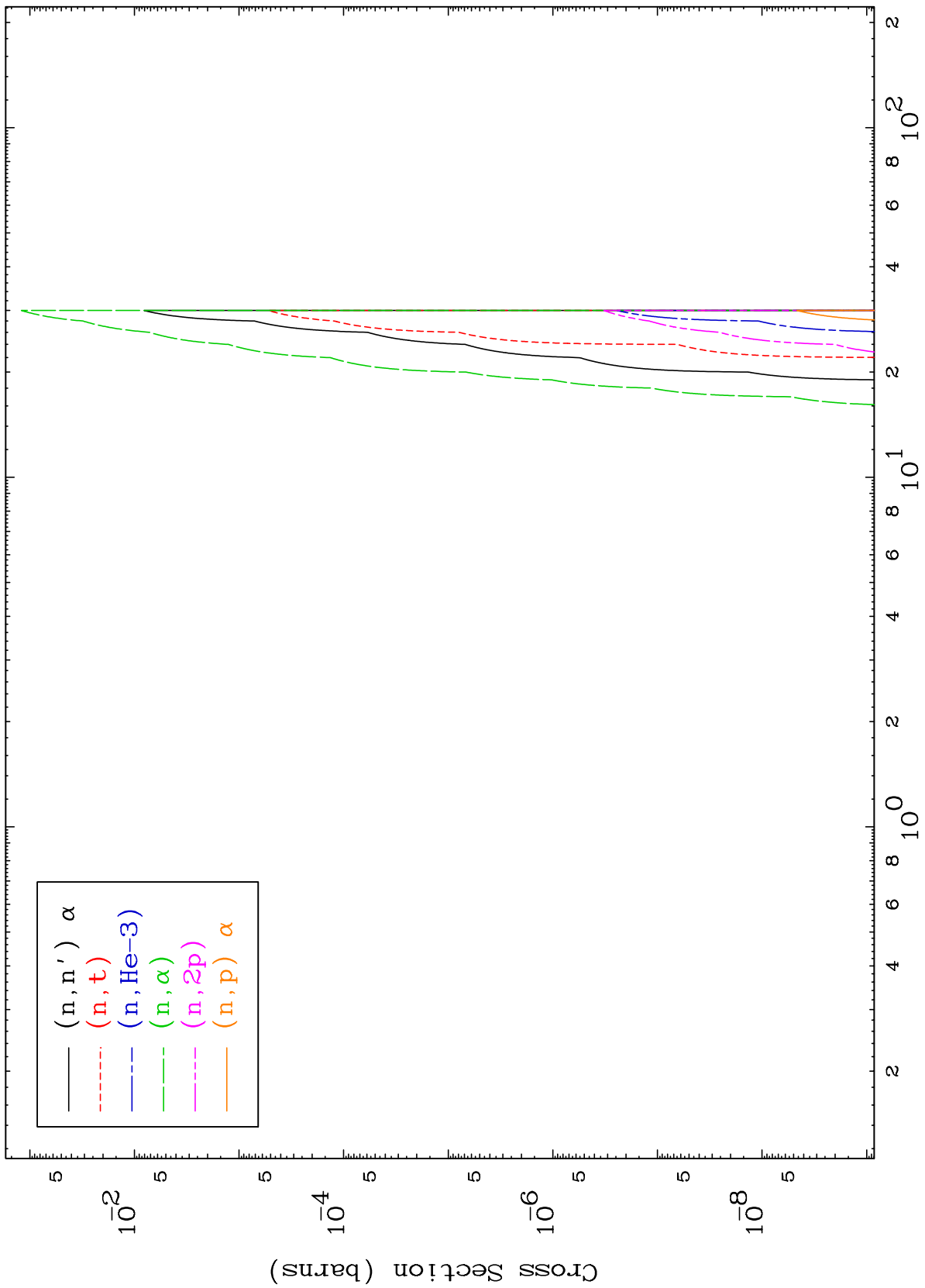
80-Hg-195m



MAT 8023

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

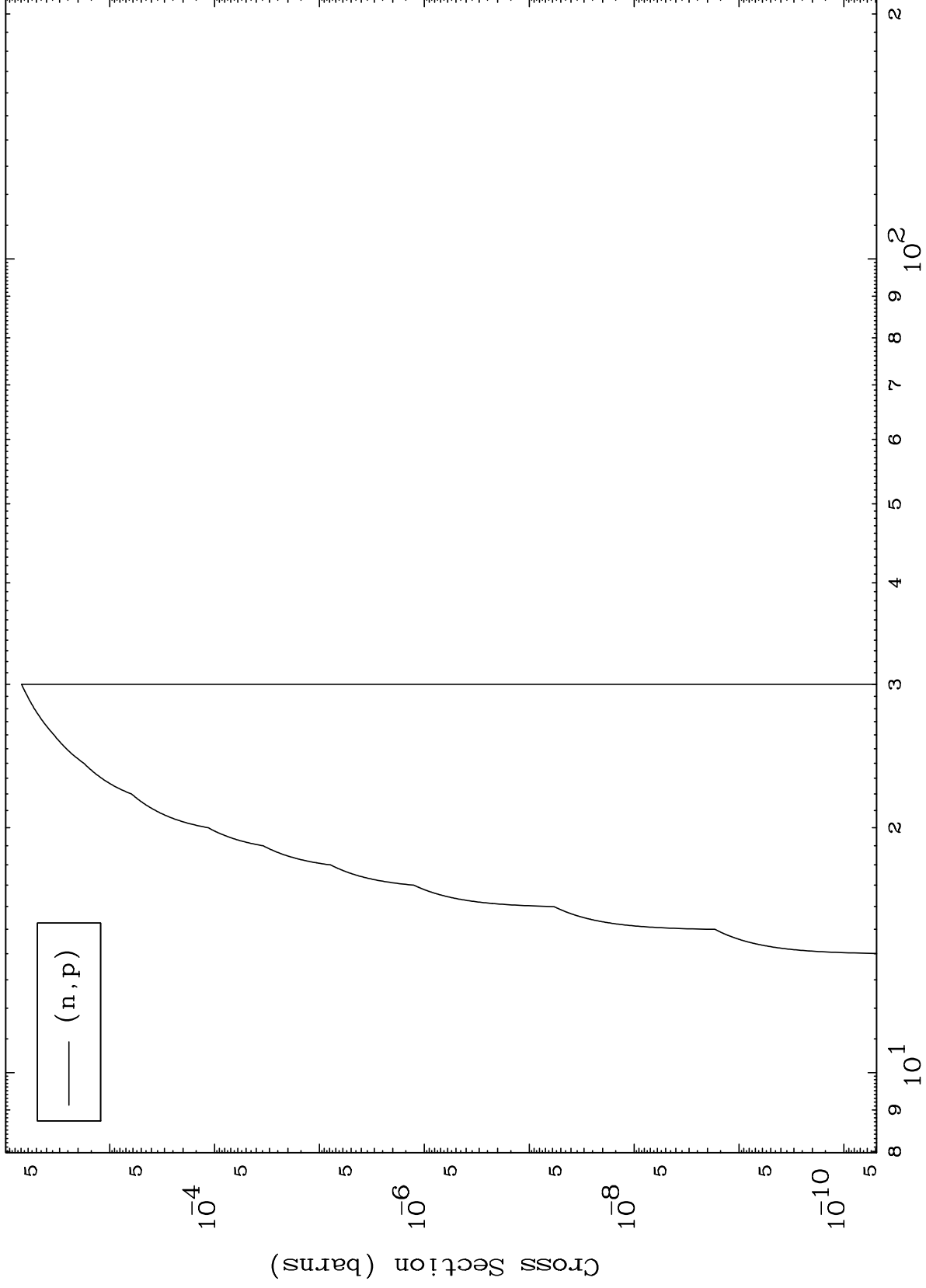
80-Hg-195m



MAT 8023

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

80-Hg-195m



Incident Energy (MeV)

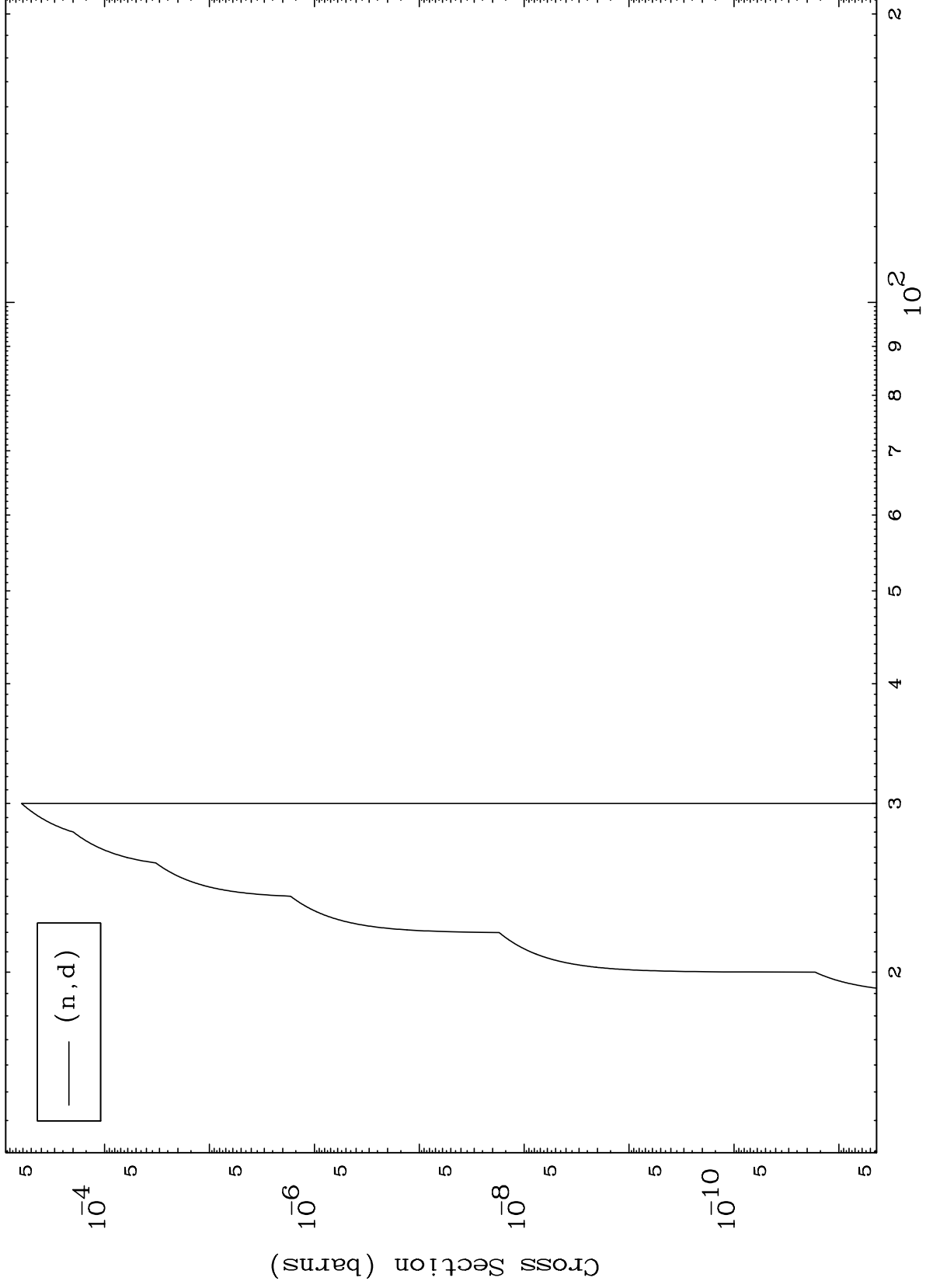
80-Hg-195m

6

MAT 8023

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

80-Hg-195m



7

Incident Energy (MeV)

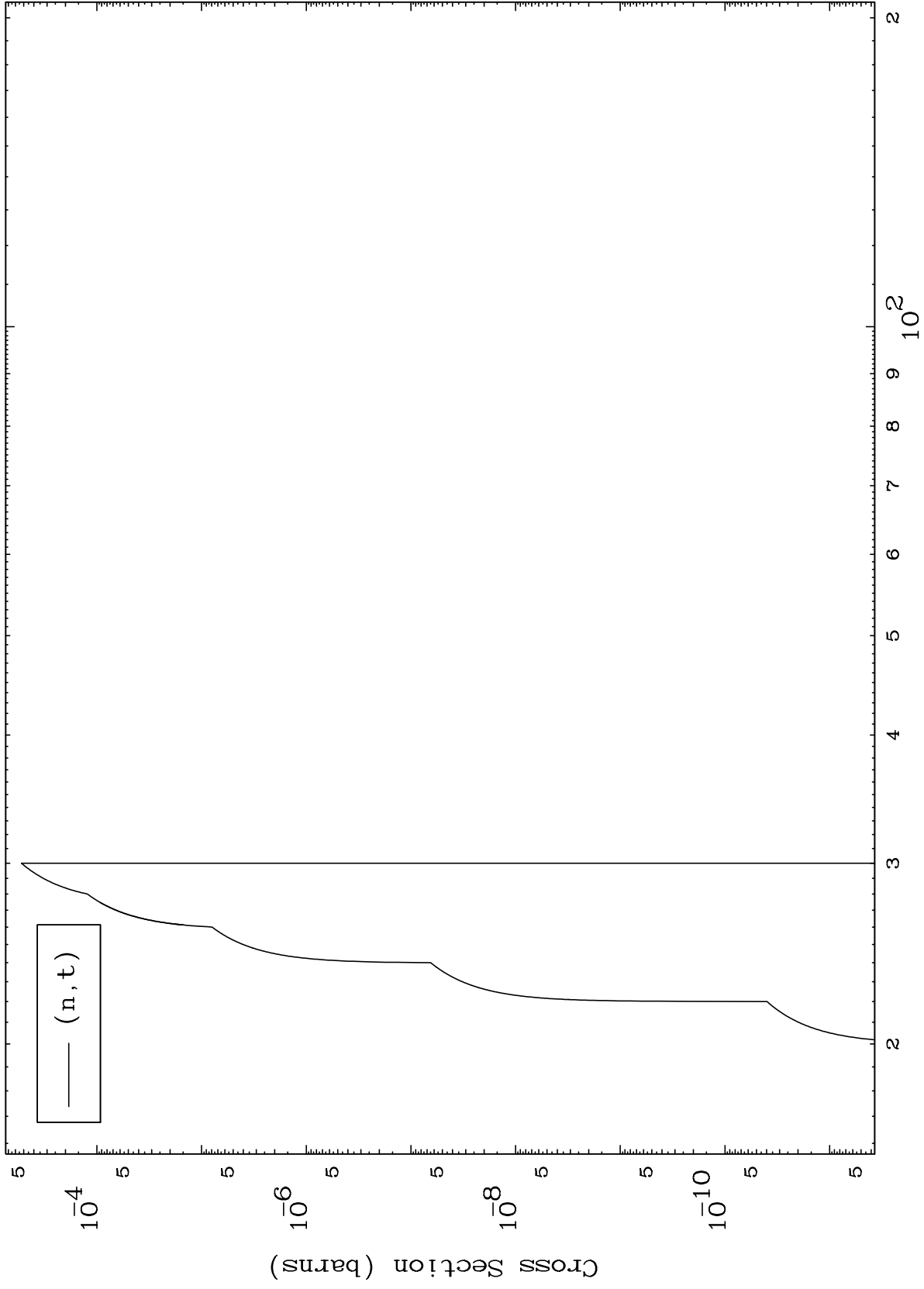
80-Hg-195m

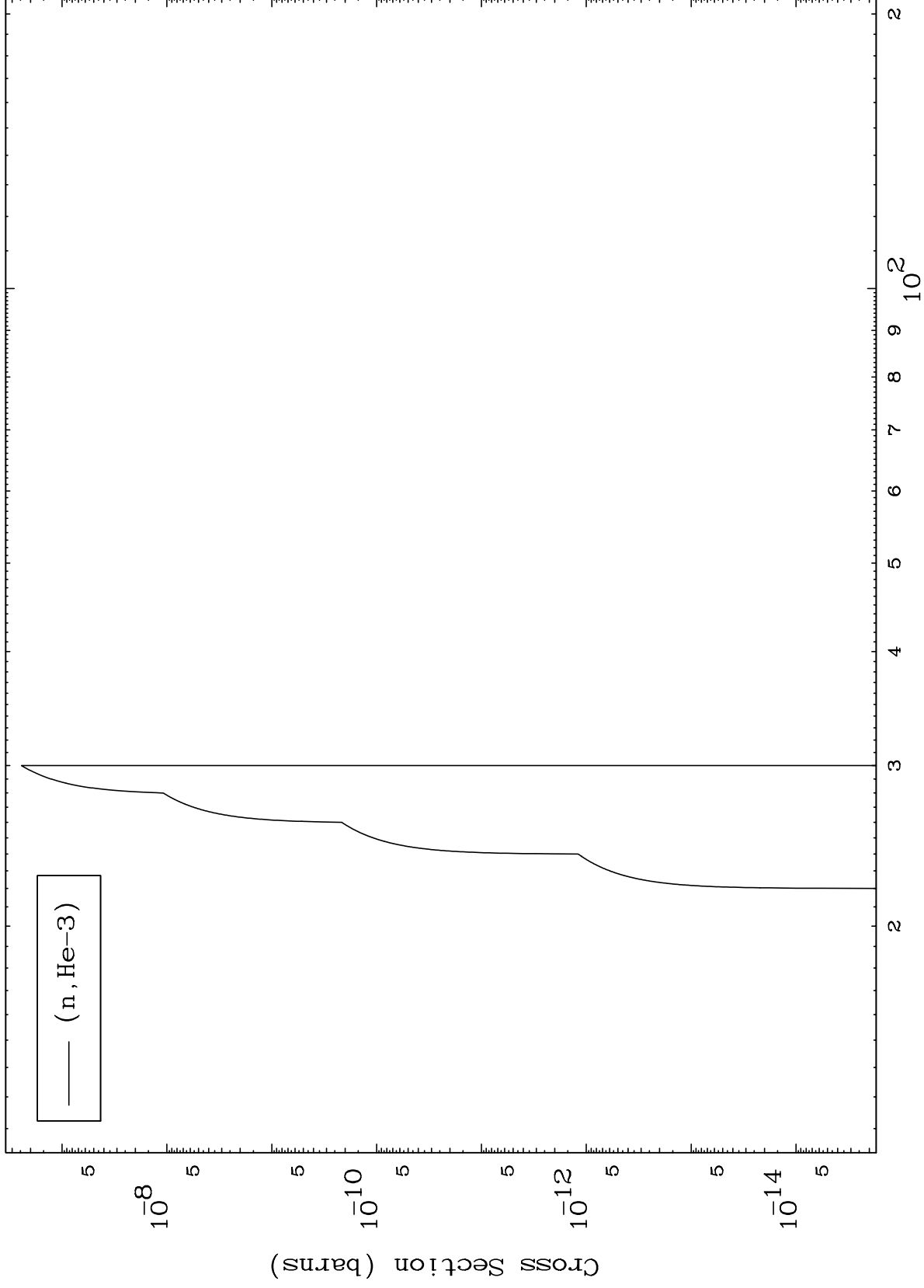


MAT 8023

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

80-Hg-195m

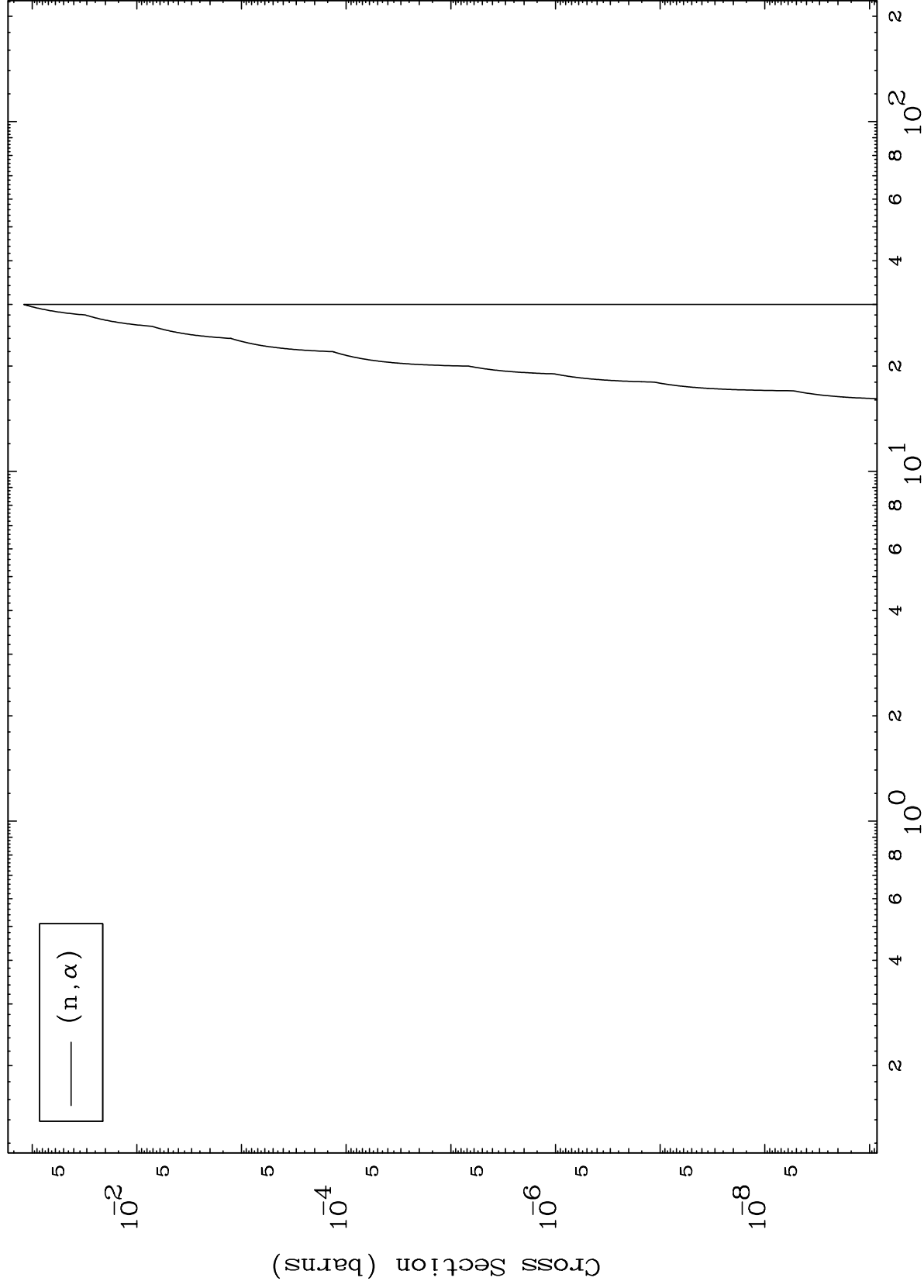




MAT 8023

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

80-Hg-195m



10

Incident Energy (MeV)

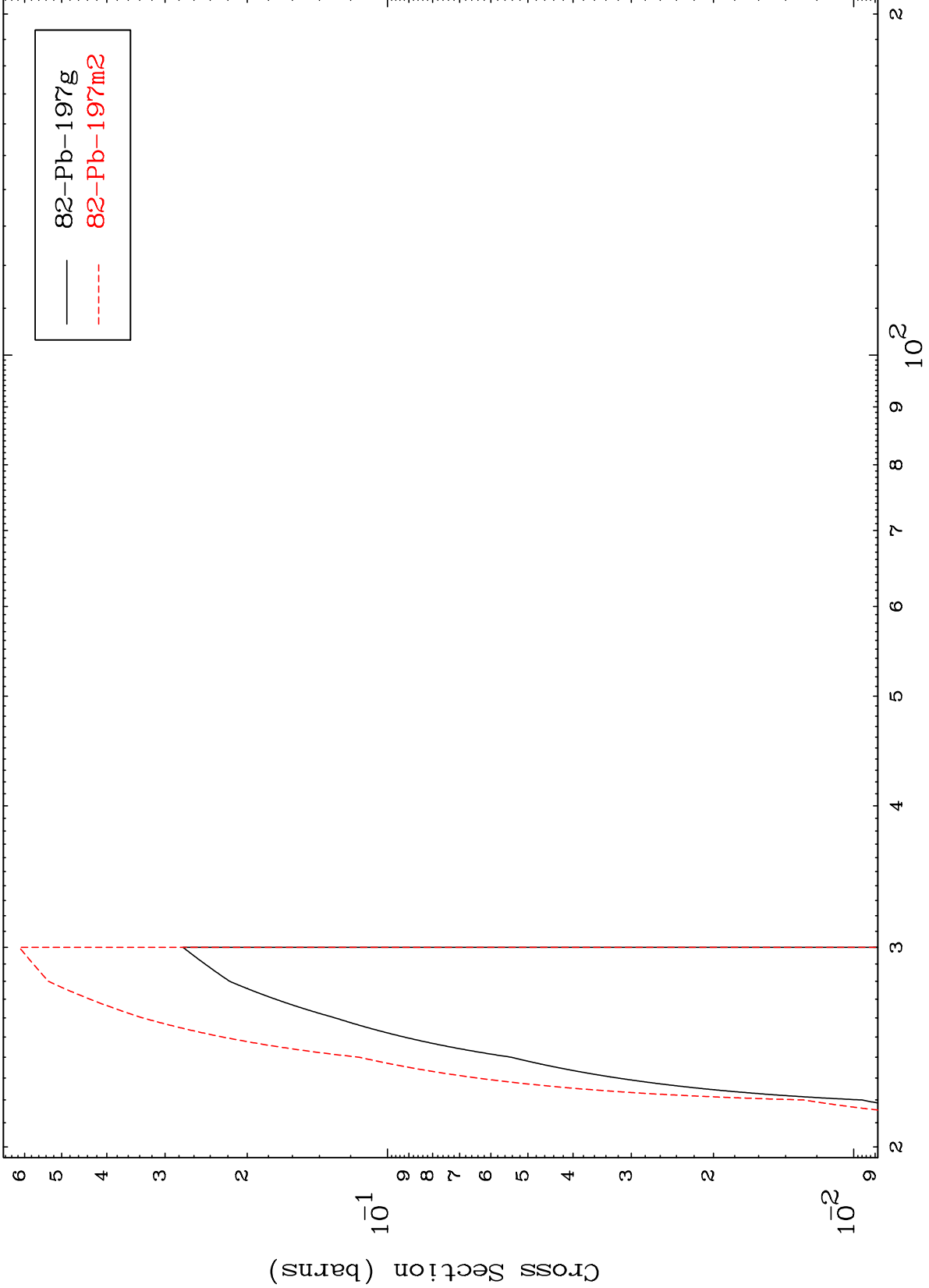
80-Hg-195m

MAT 8023

(n,2n)

80-Hg-195m

Radionuclide Production Cross Section



82-Pb-197g  
82-Pb-197m2

11

Incident Energy (MeV)

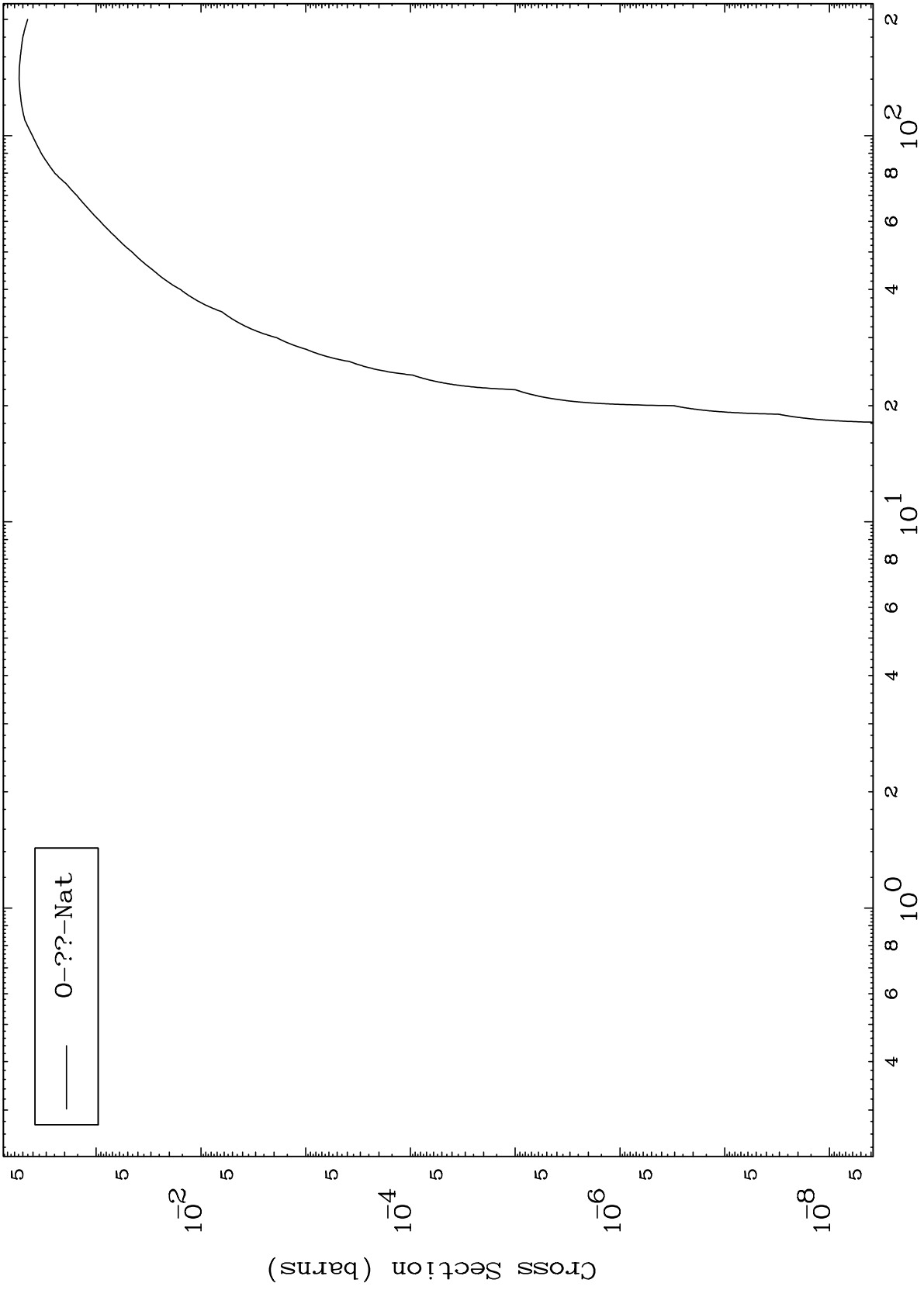
80-Hg-195m

MAT 8023

Fission

80-Hg-195m

Radionuclide Production Cross Section

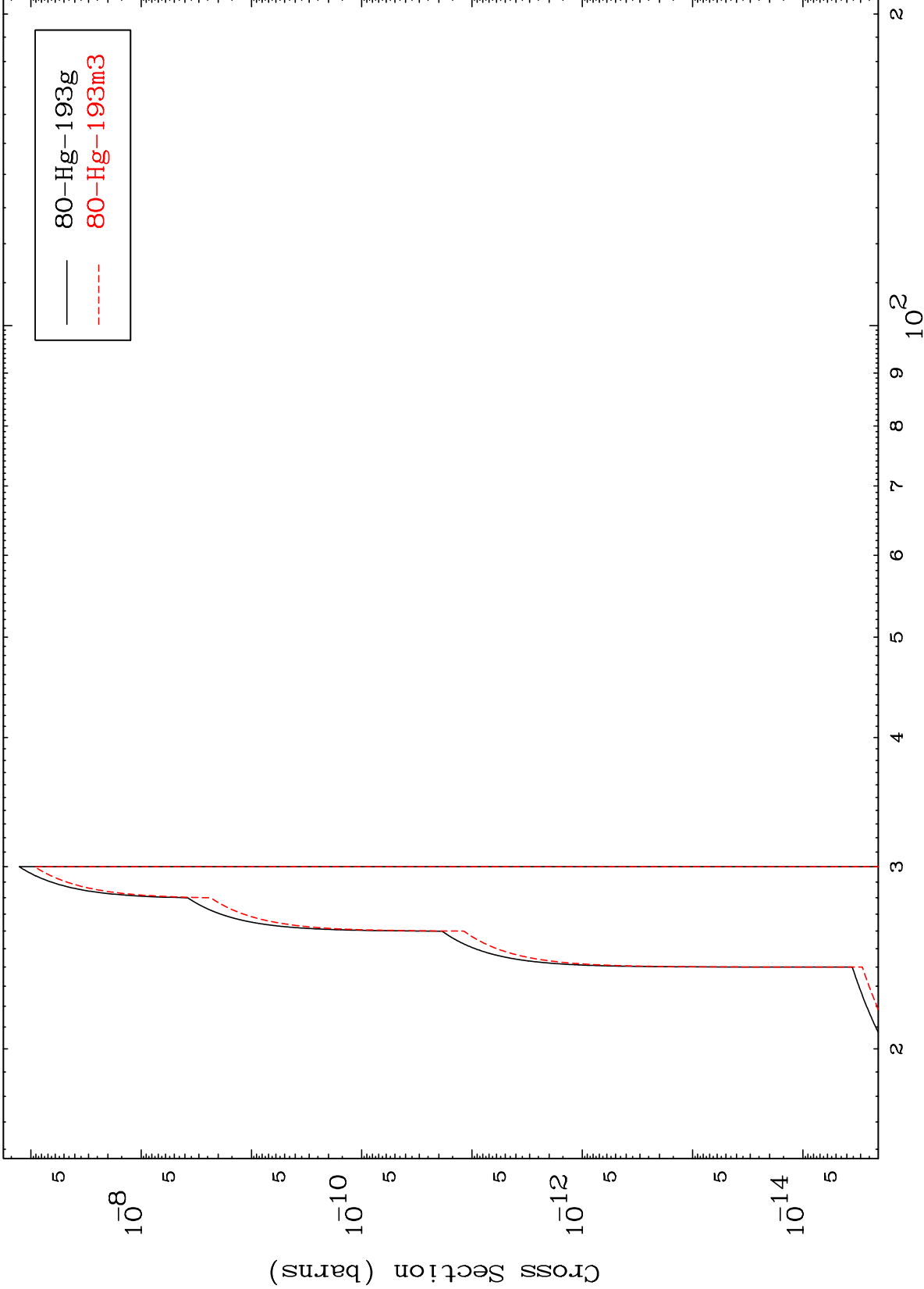


MAT 8023

(n,2n)  $\alpha$

80-Hg-195m

Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

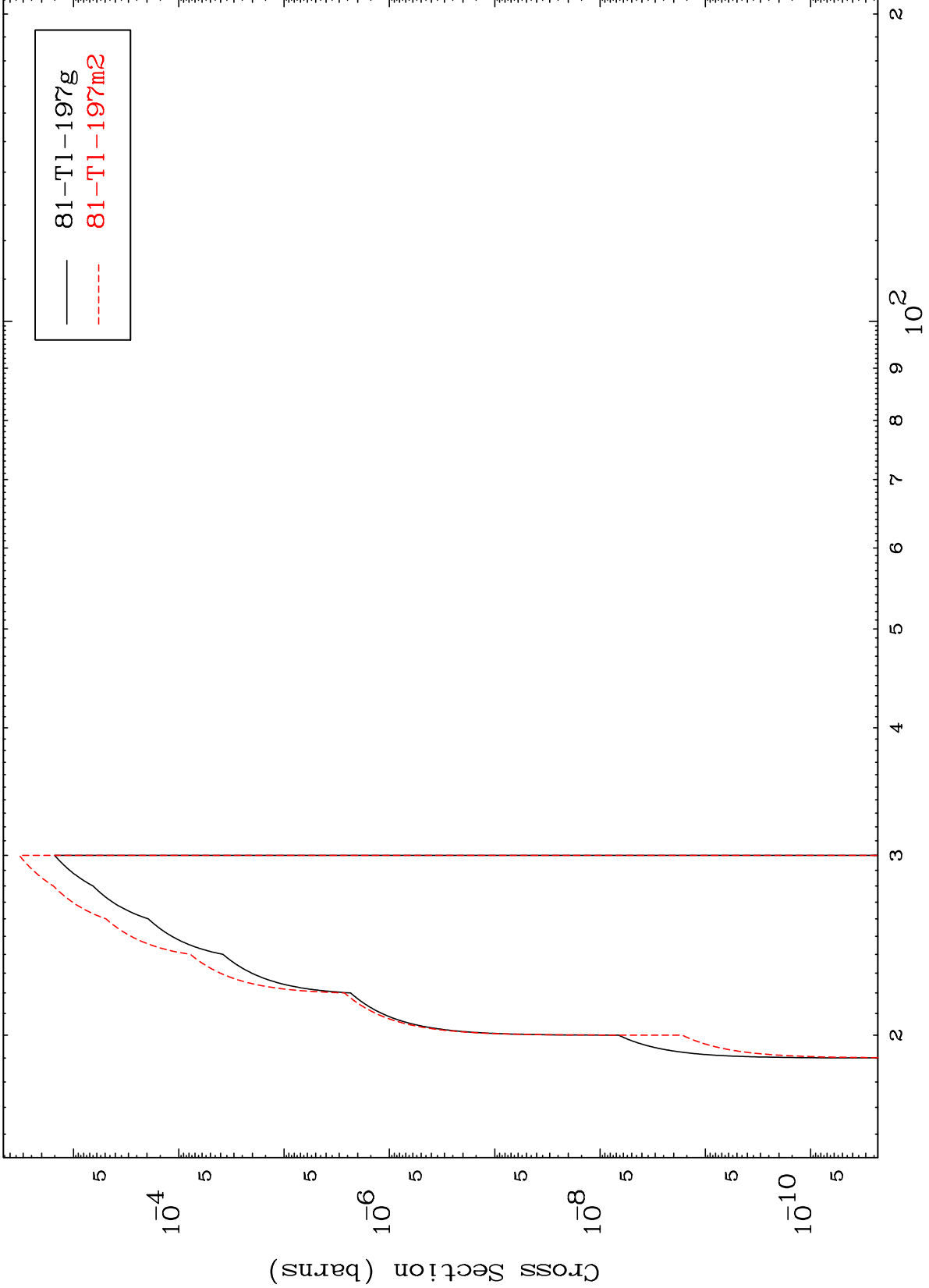
80-Hg-195m

MAT 8023

(n,n') p

80-Hg-195m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

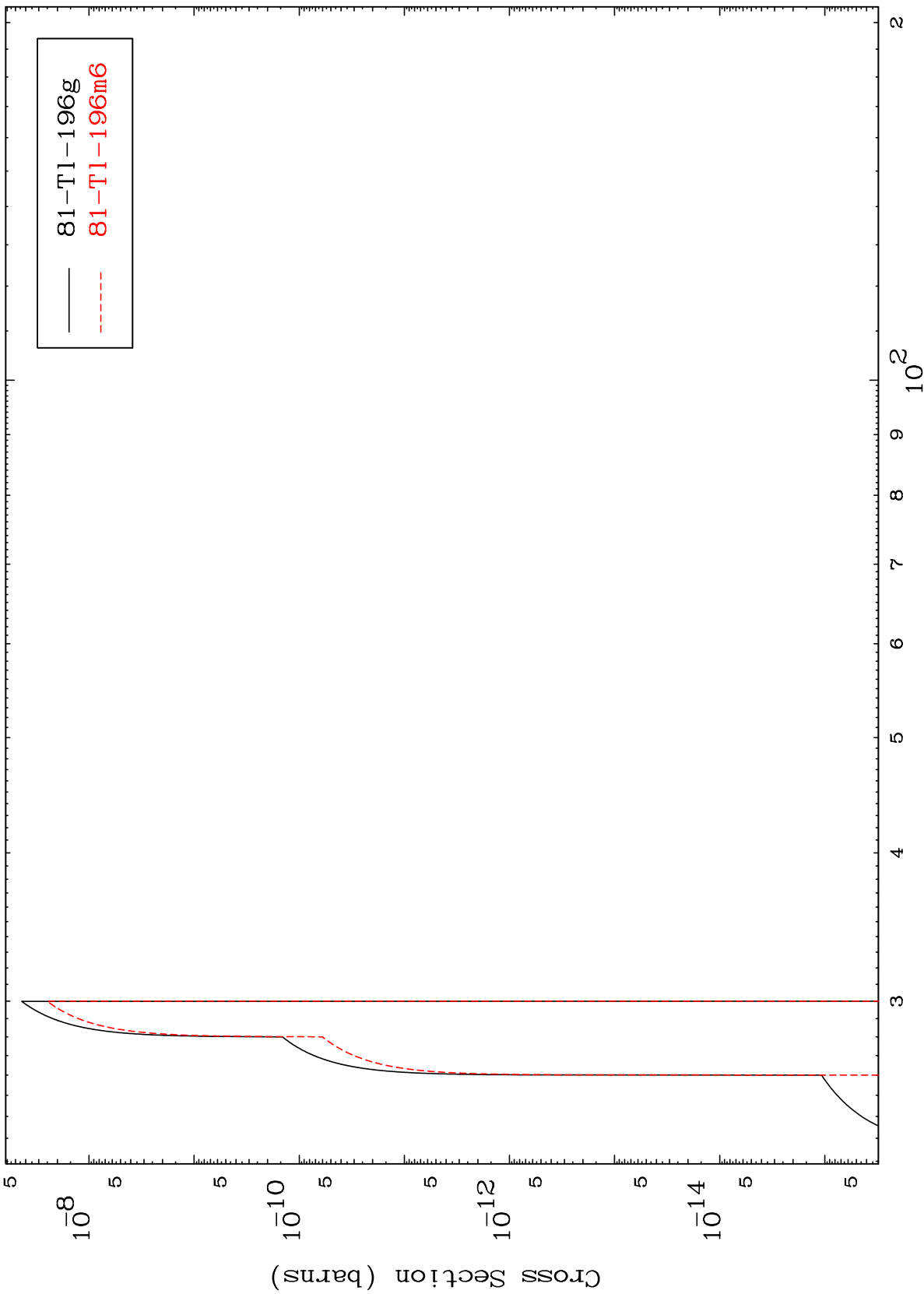
80-Hg-195m

MAT 8023

(n,n') d

80-Hg-195m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

80-Hg-195m

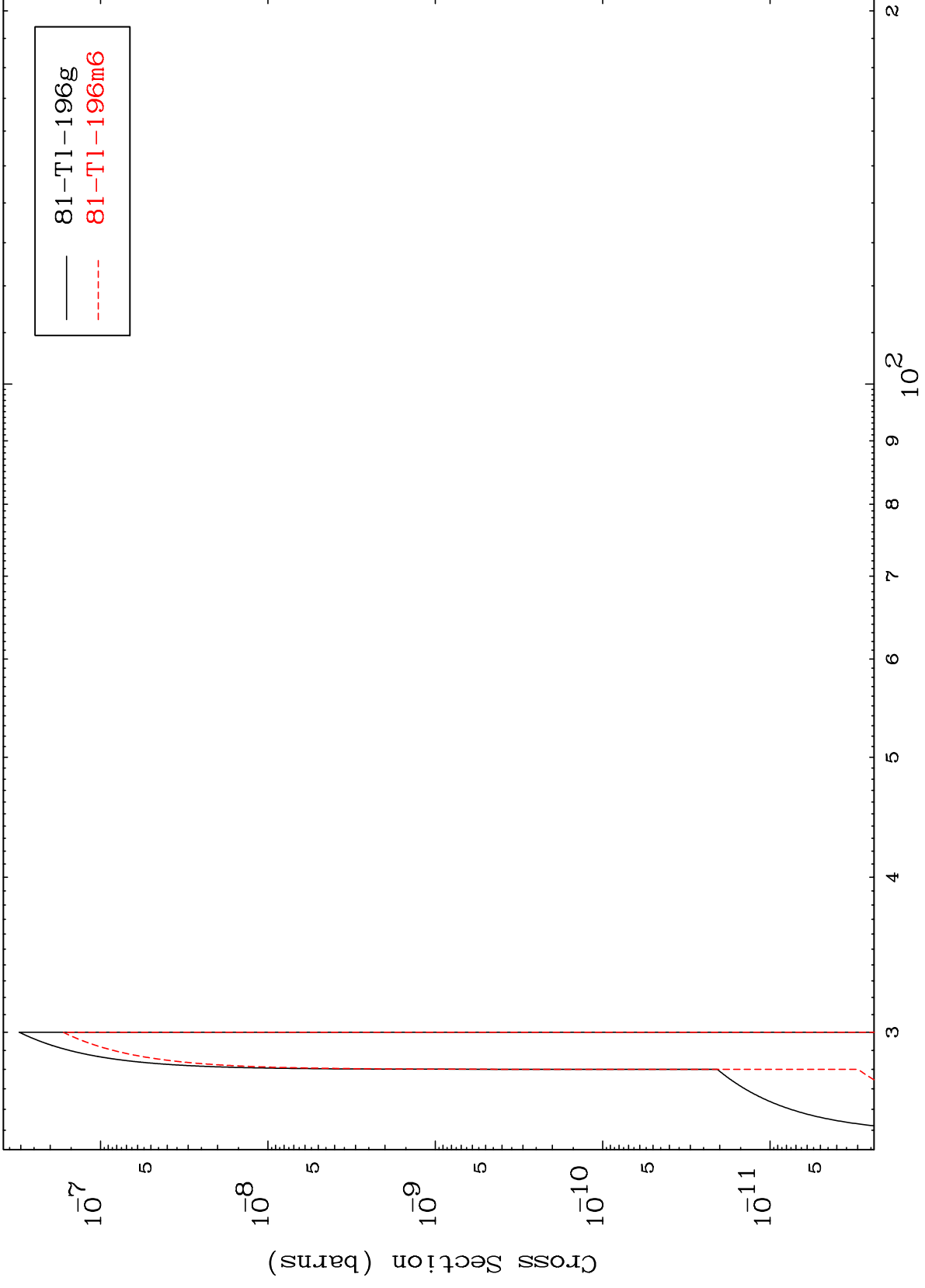


MAT 8023

(n,2n) p

80-Hg-195m

Radionuclide Production Cross Section



16

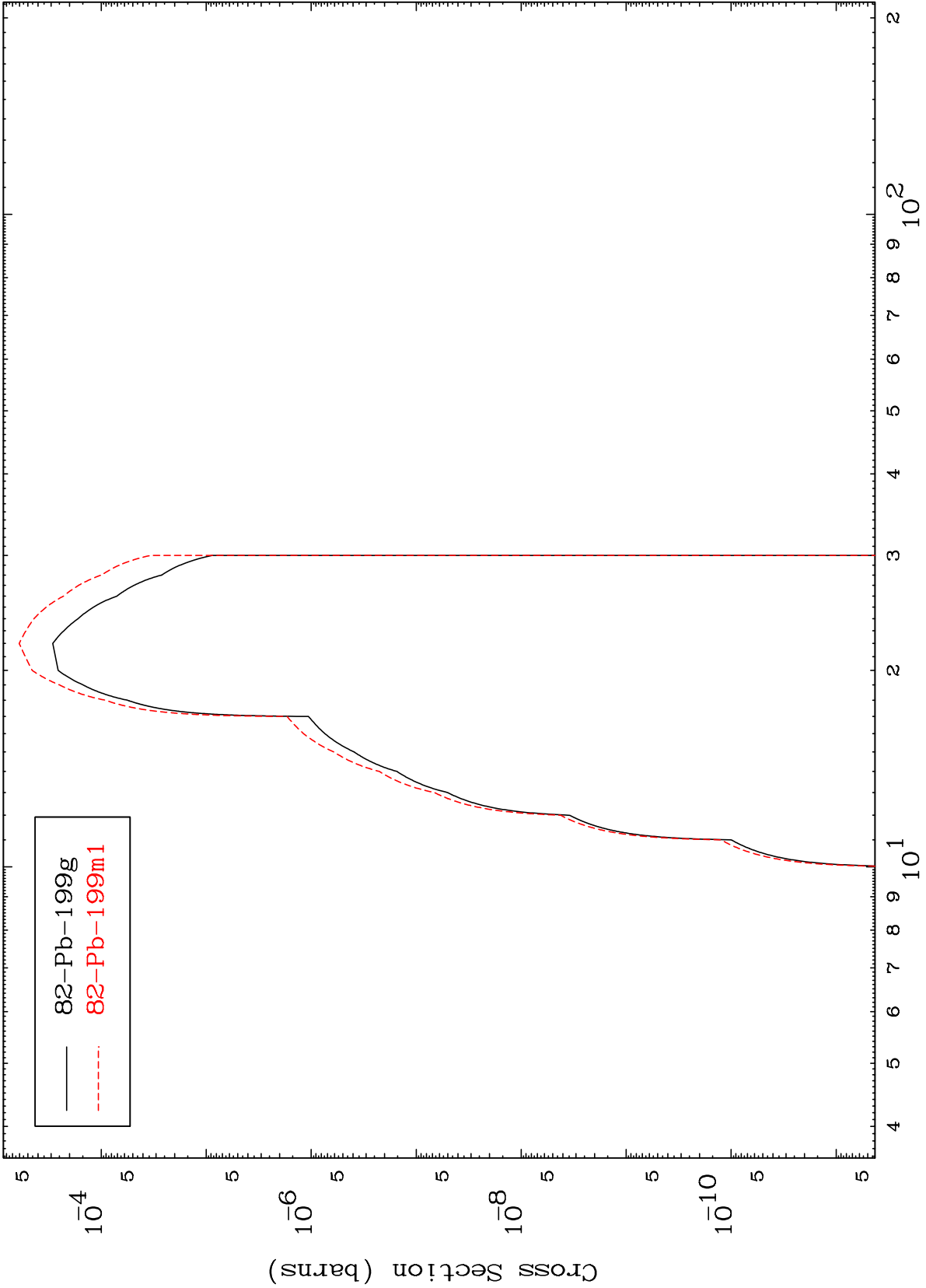
Incident Energy (MeV)

80-Hg-195m

MAT 8023

80-Hg-195m

(n,  $\gamma$ )  
Radionuclide Production Cross Section



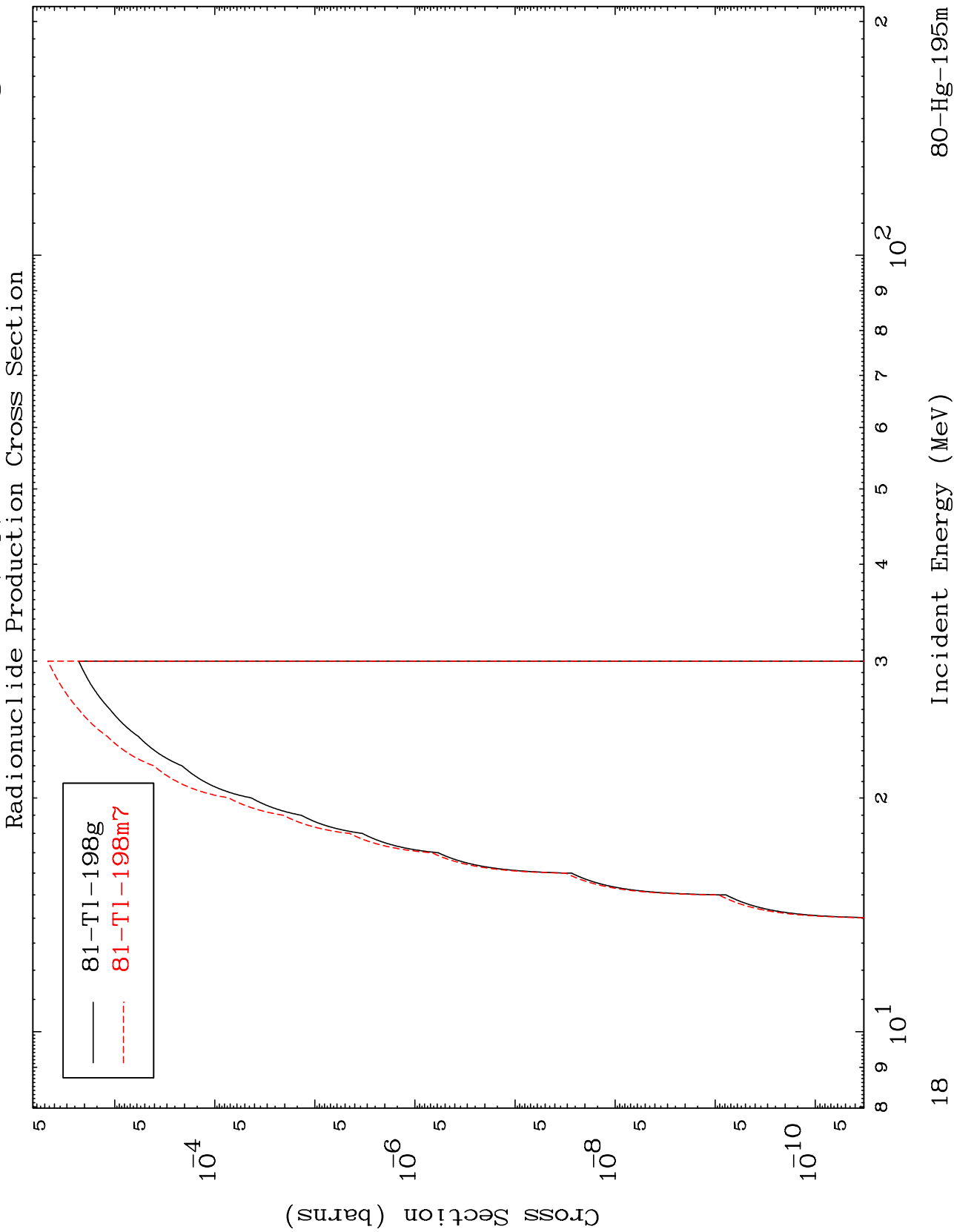
17

Incident Energy (MeV)

80-Hg-195m

MAT 8023

80-Hg-195m

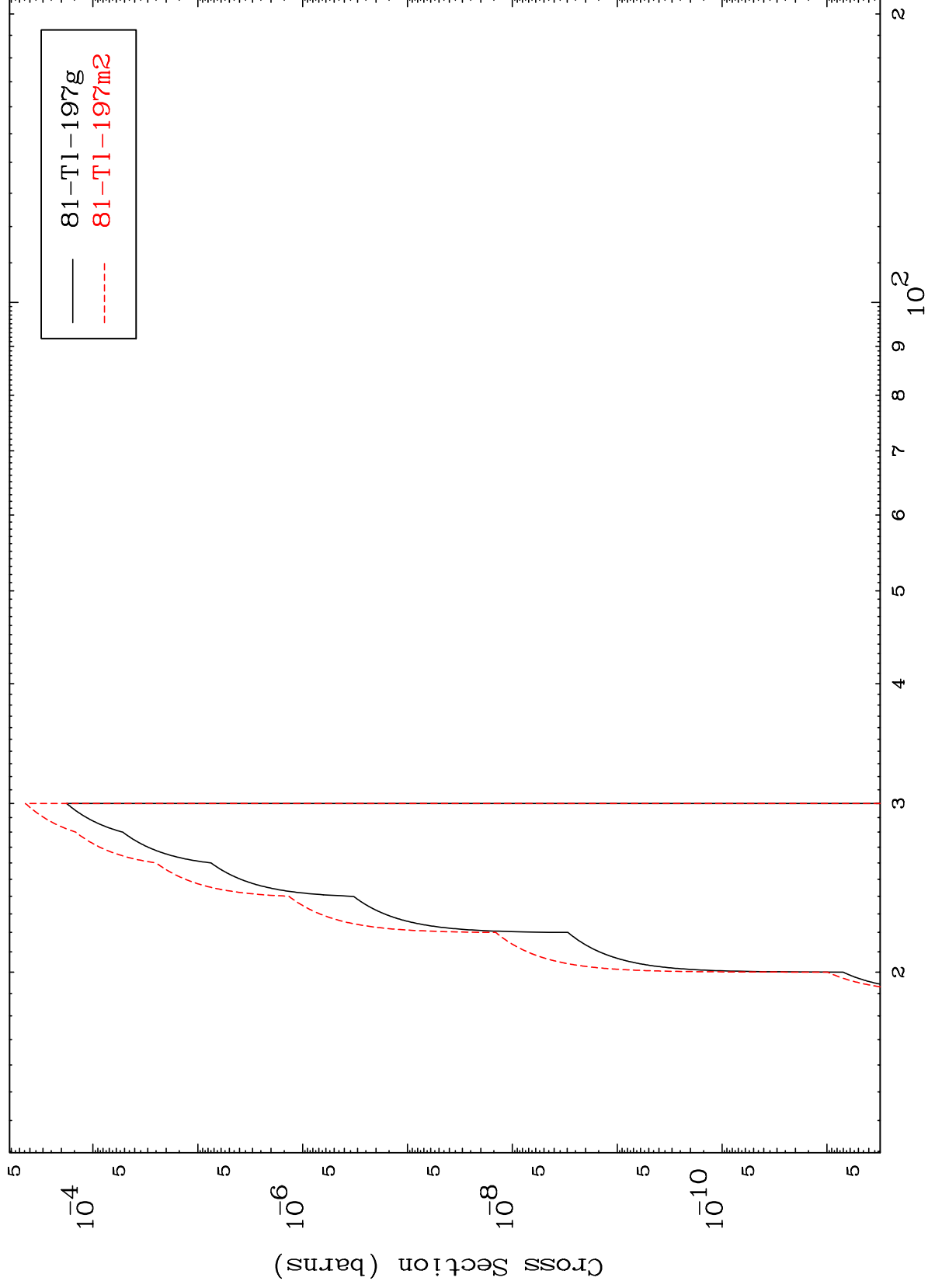


81-Tl-198g  
81-Tl-198m7

MAT 8023

80-Hg-195m

(n,d)  
Radionuclide Production Cross Section



19

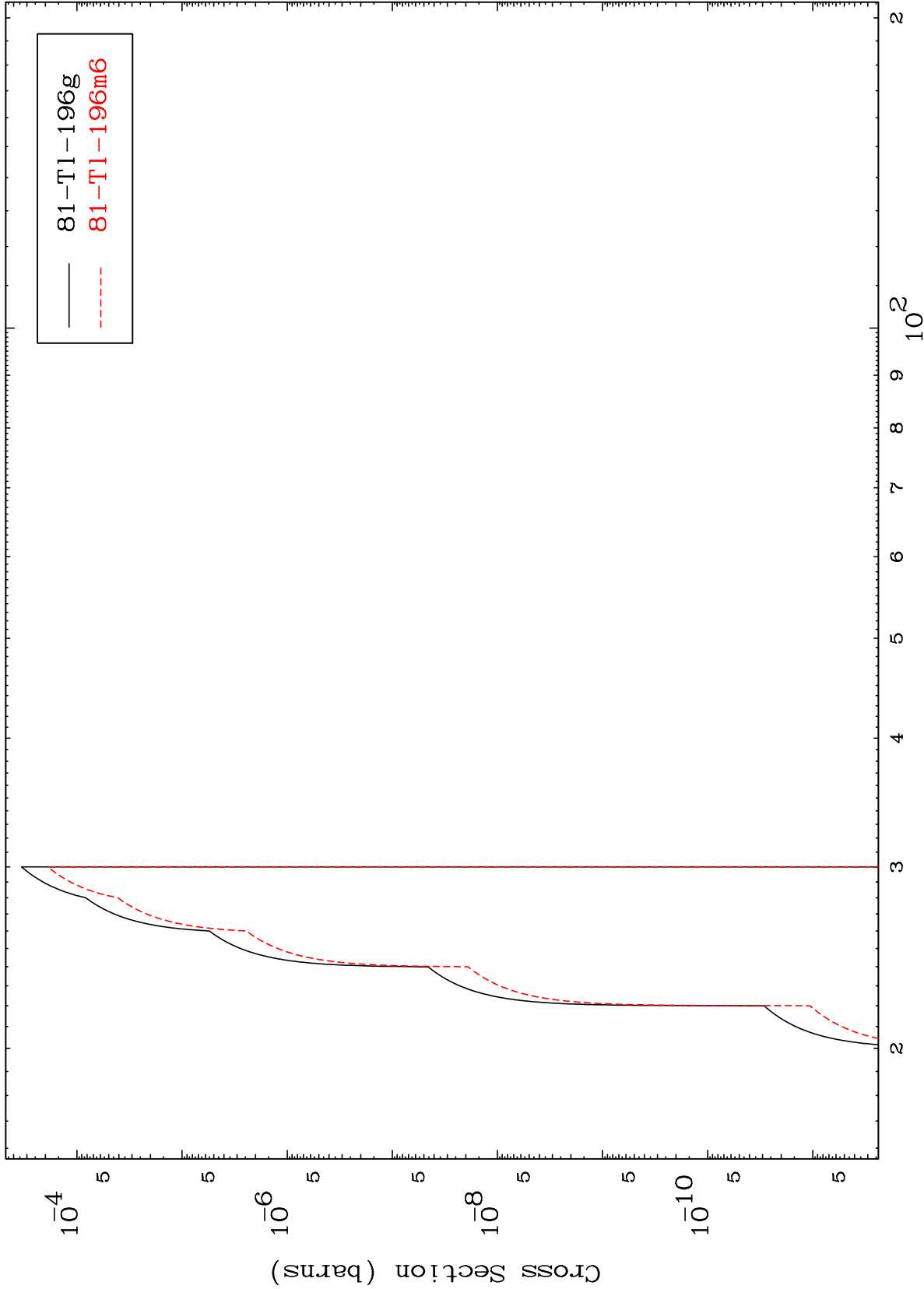
Incident Energy (MeV)

80-Hg-195m

MAT 8023

80-Hg-195m

(n, t)  
Radionuclide Production Cross Section



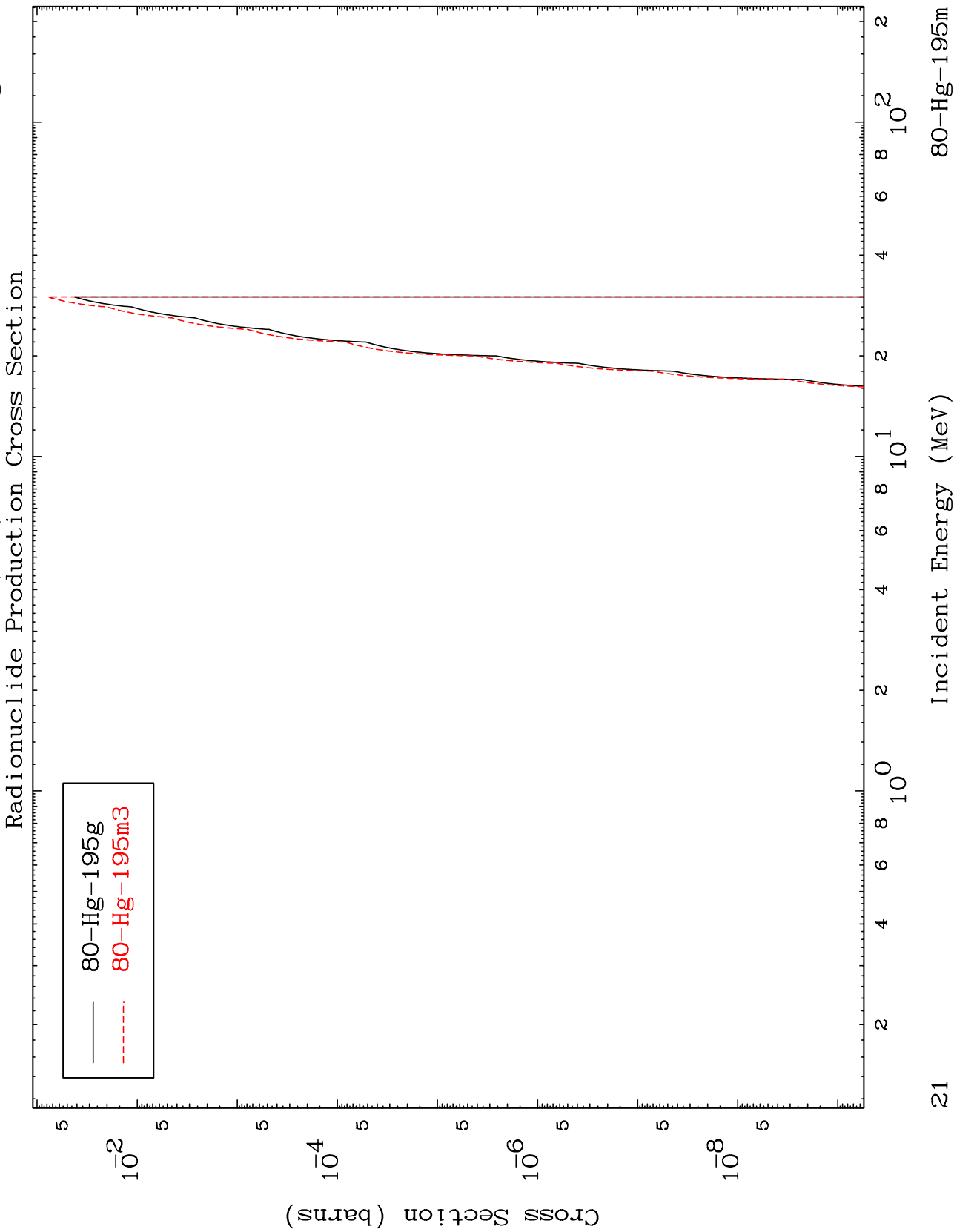
20

Incident Energy (MeV)

80-Hg-195m

MAT 8023

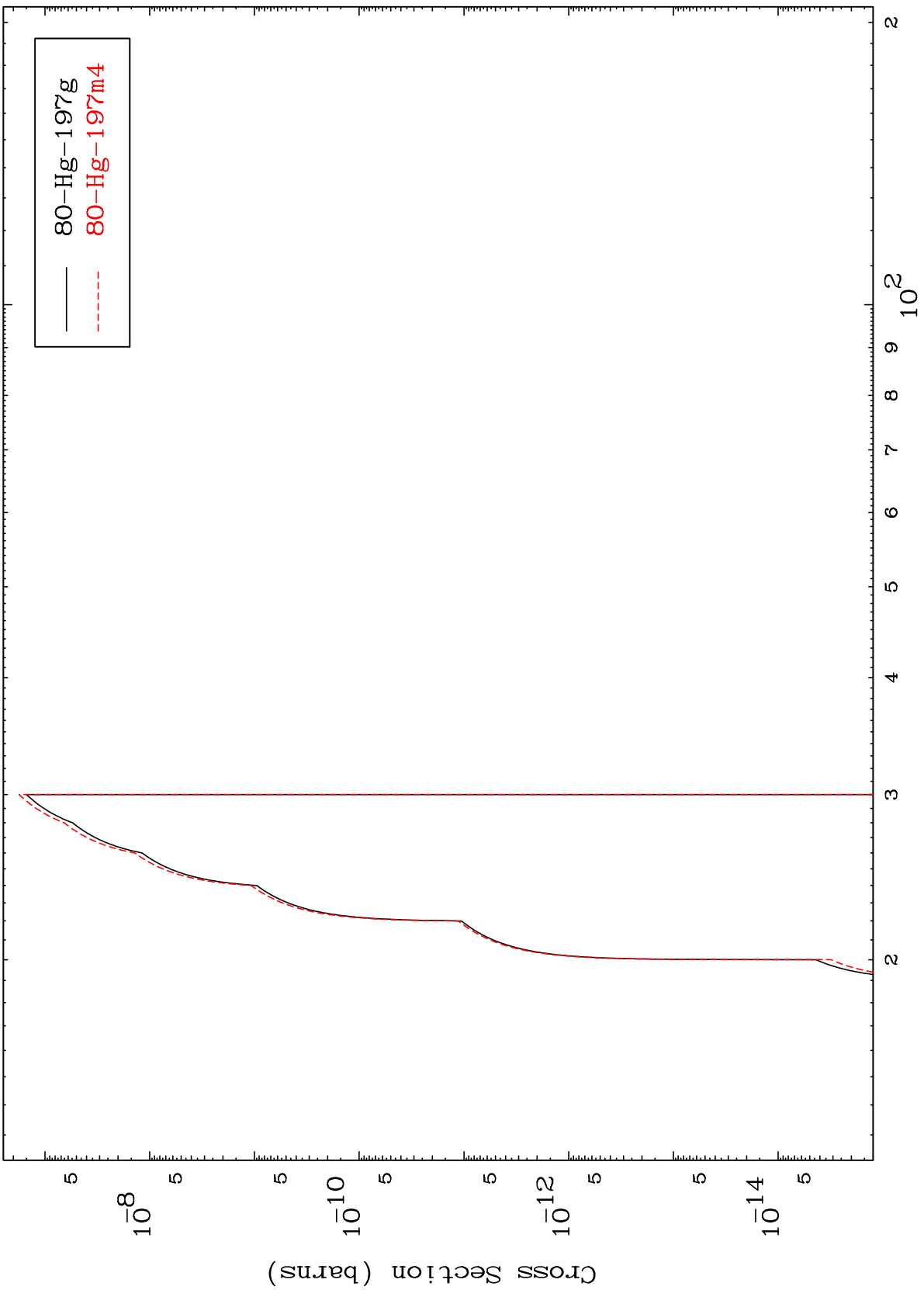
80-Hg-195m



MAT 8023

80-Hg-195m

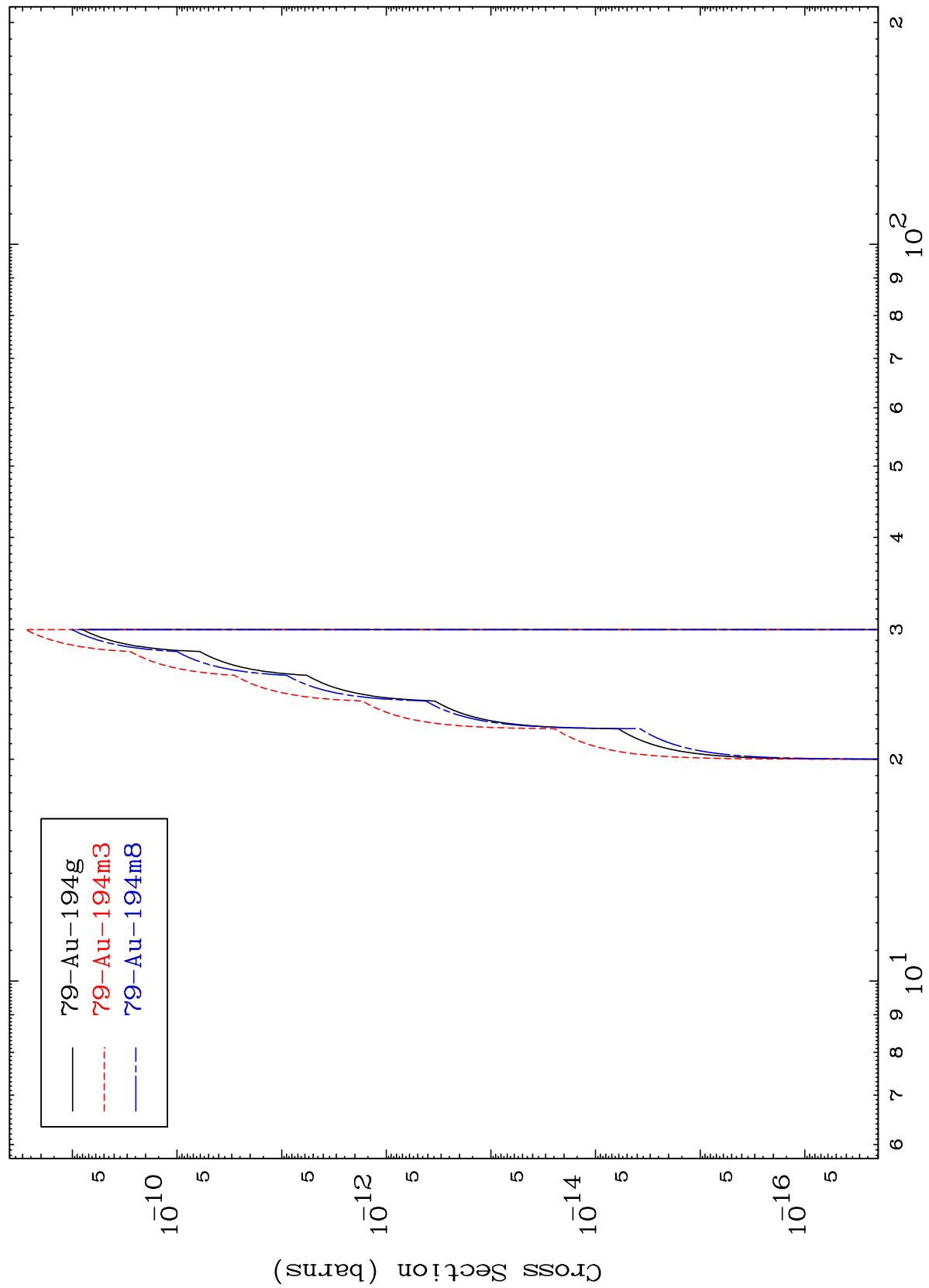
(n,2p)  
Radionuclide Production Cross Section



MAT 8023

80-Hg-195m

(n,p)  $\alpha$   
Radionuclide Production Cross Section



23

Incident Energy (MeV)

80-Hg-195m