

Program EVALPLOT  
(Version 2021-1)

by

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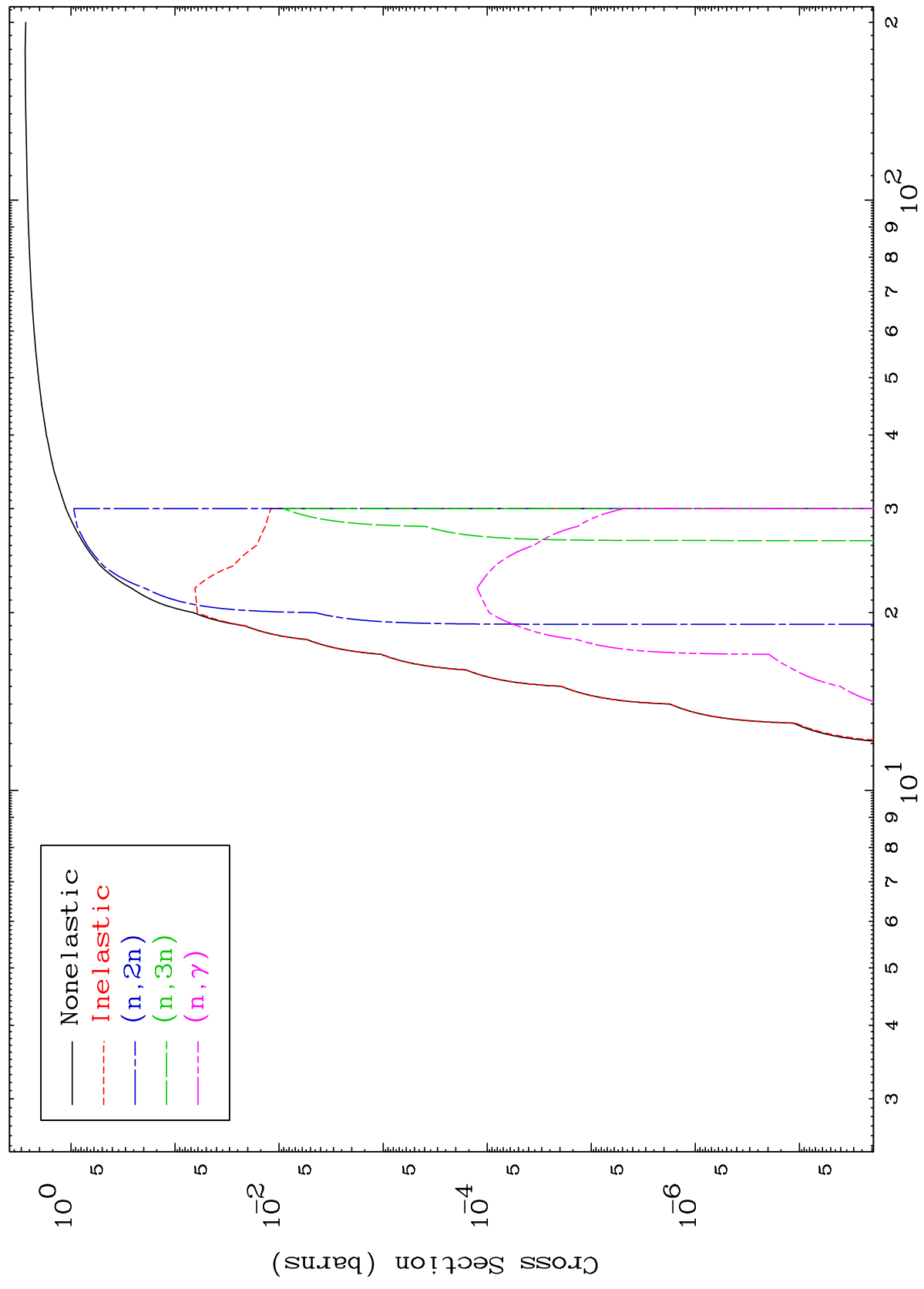
Press Mouse Button to Start

MAT 8029

0 Kelvin

$\alpha$  Major Cross Sections

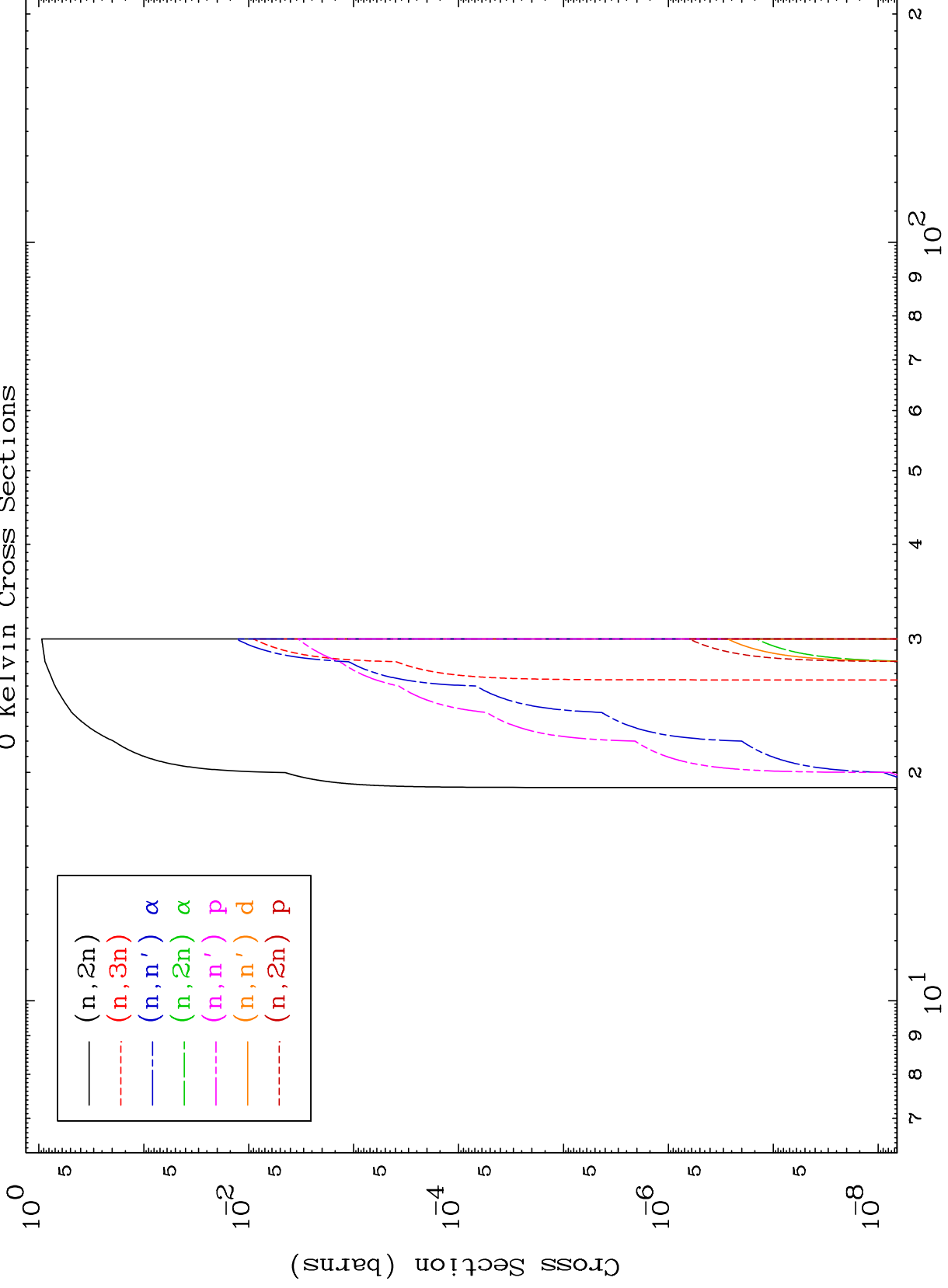
80-Hg-197m



MAT 8029

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-197m



2

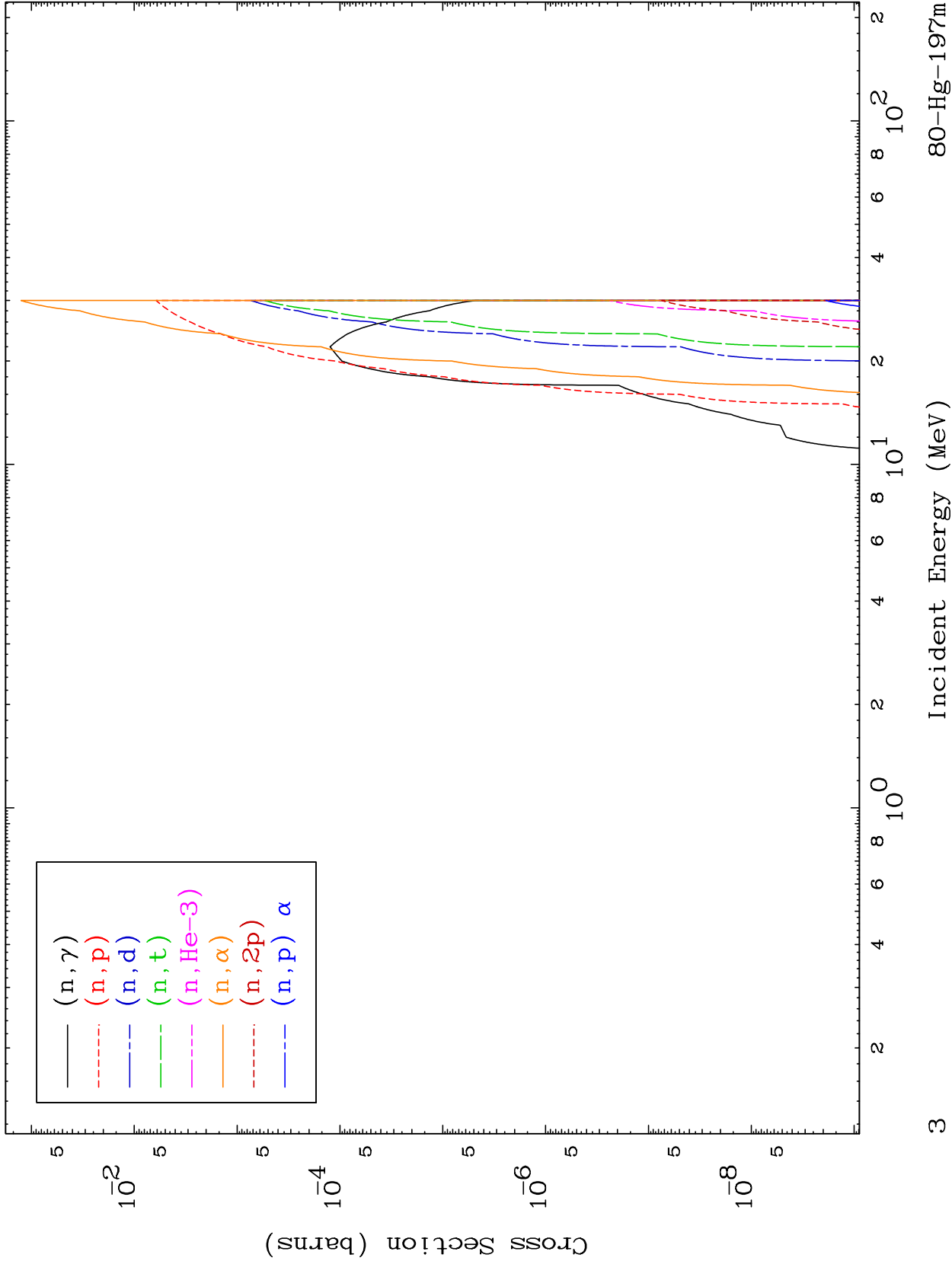
Incident Energy (MeV)

80-Hg-197m

MAT 8029

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

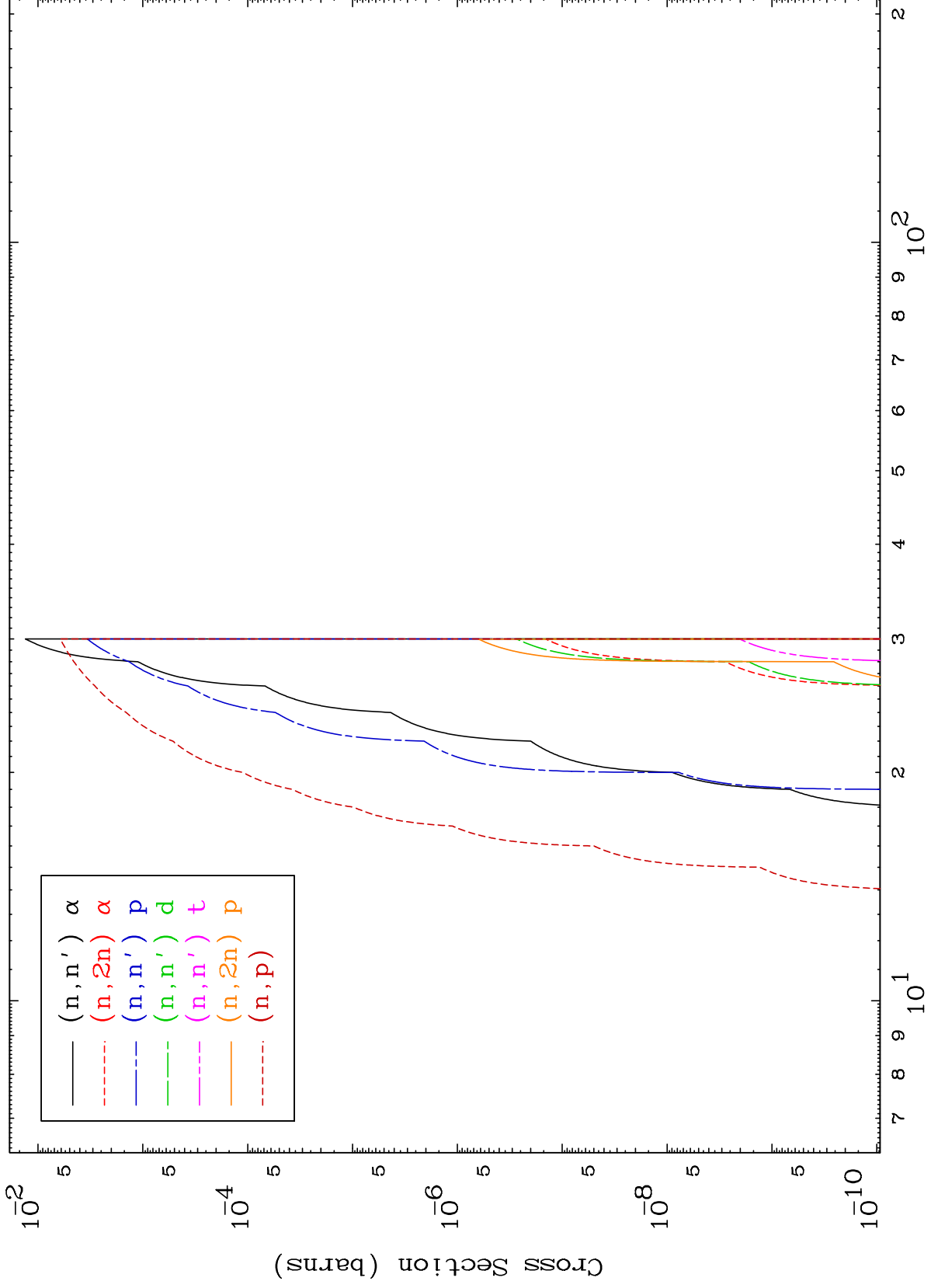
80-Hg-197m



MAT 8029

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

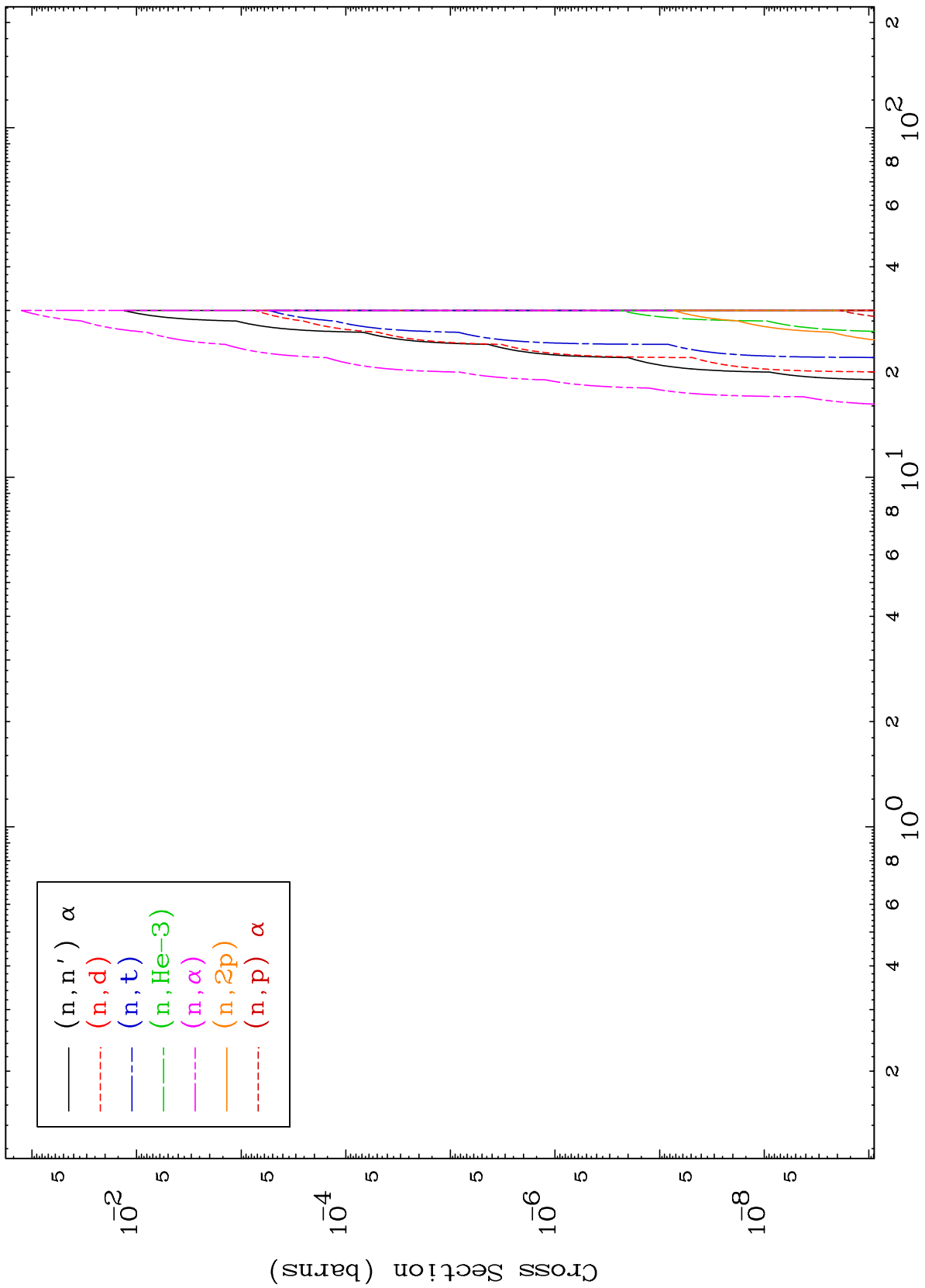
80-Hg-197m



4

Incident Energy (MeV)

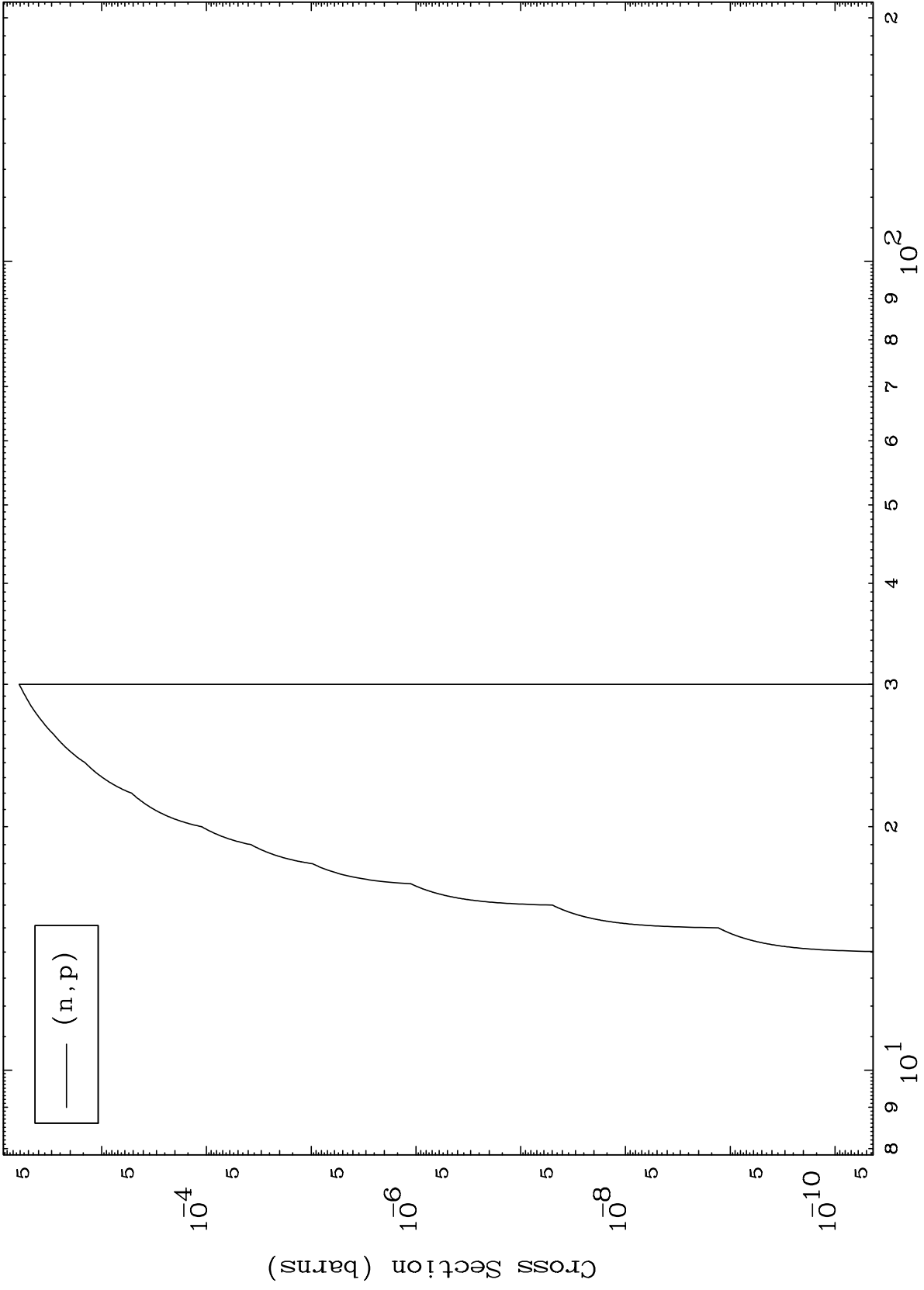
80-Hg-197m



MAT 8029

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

80-Hg-197m



Incident Energy (MeV)

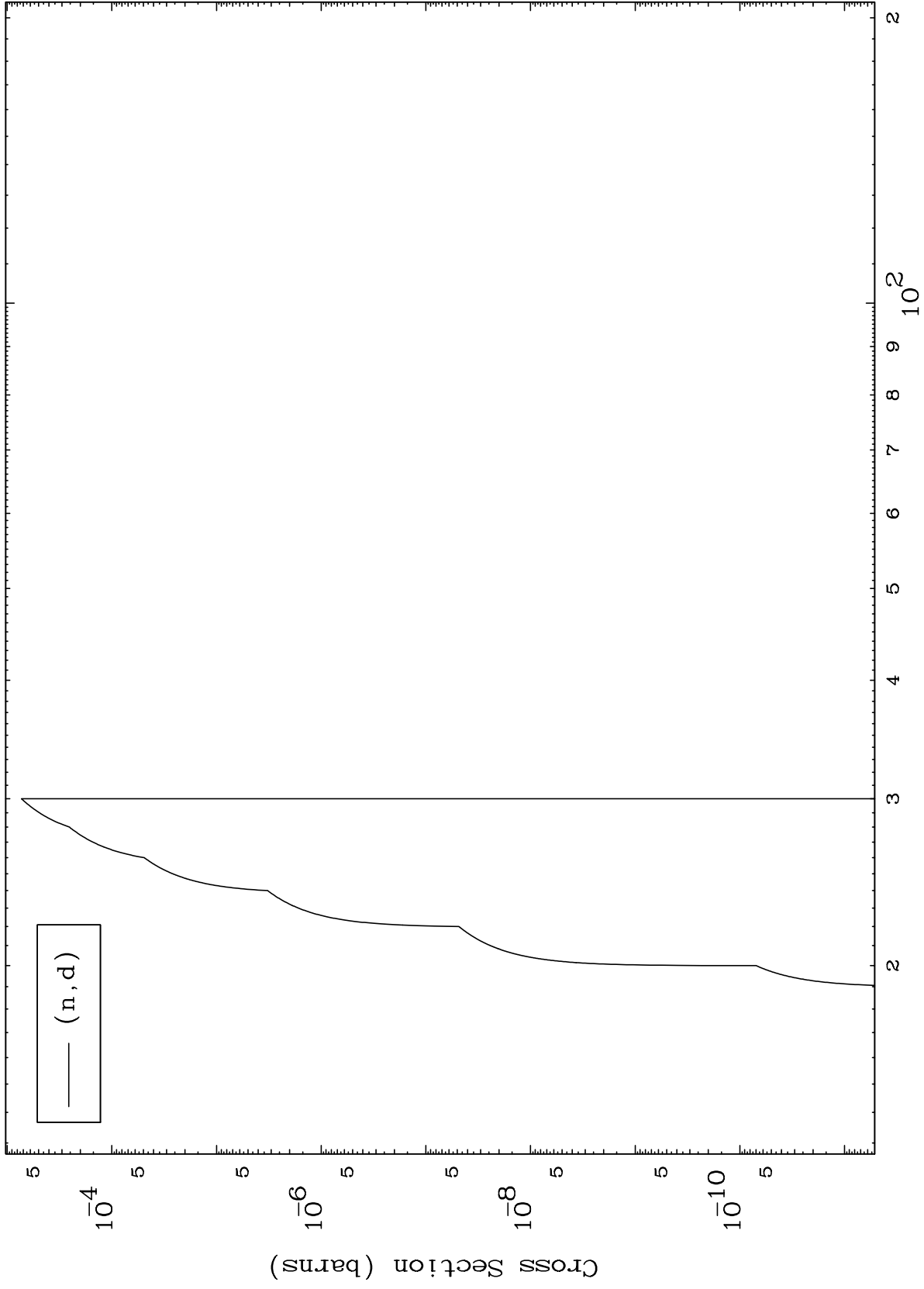
80-Hg-197m

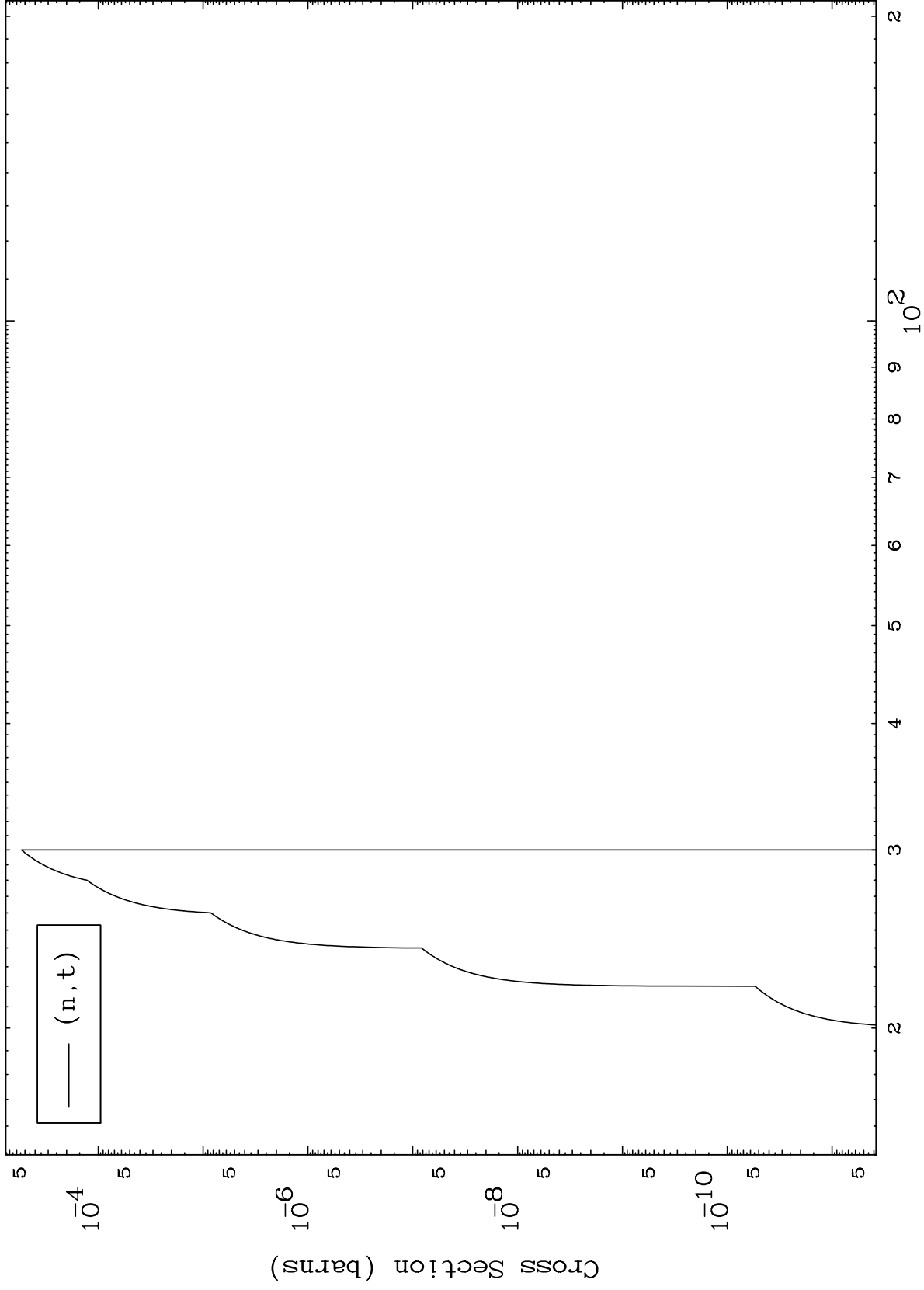
6

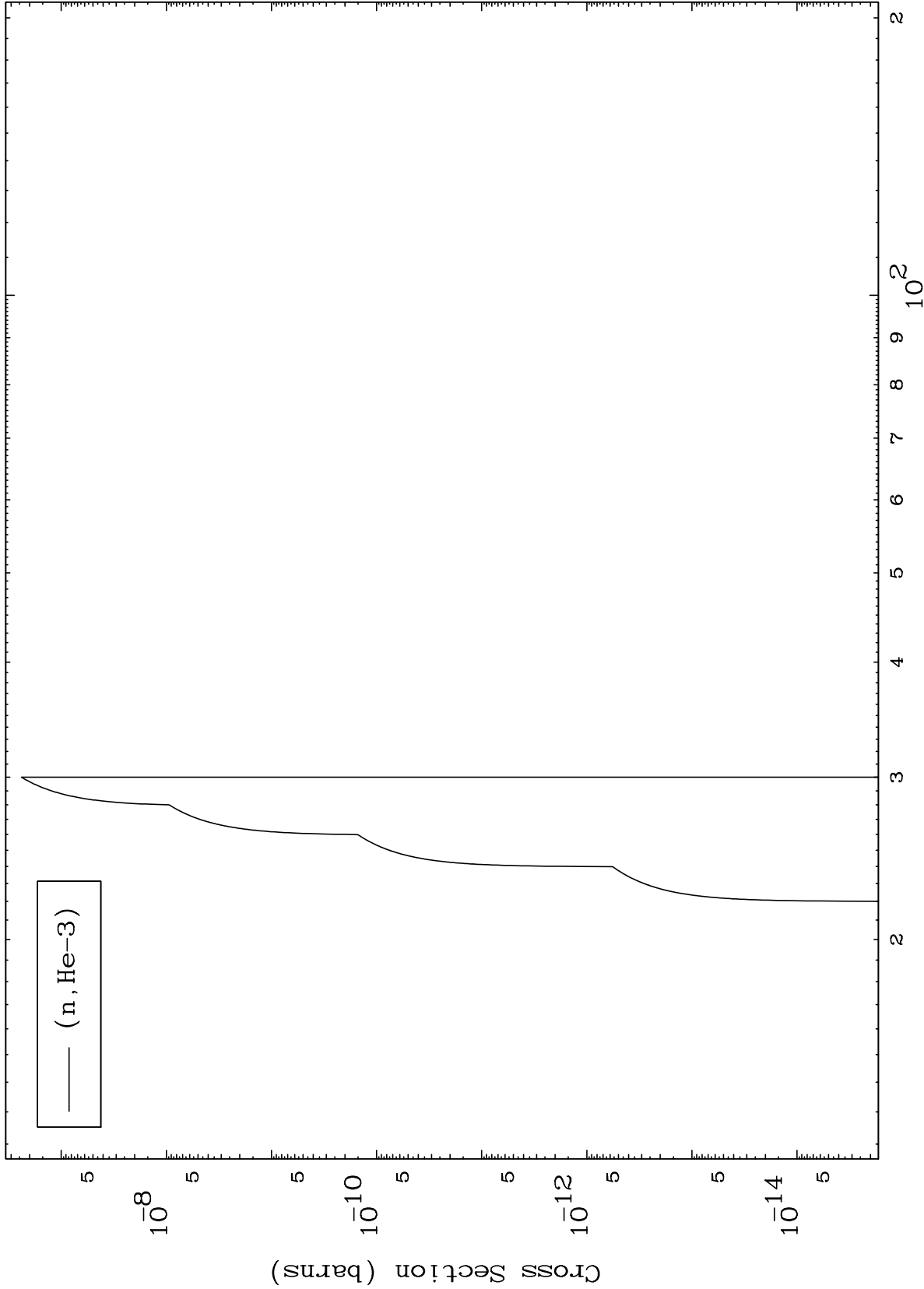
MAT 8029

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

80-Hg-197m





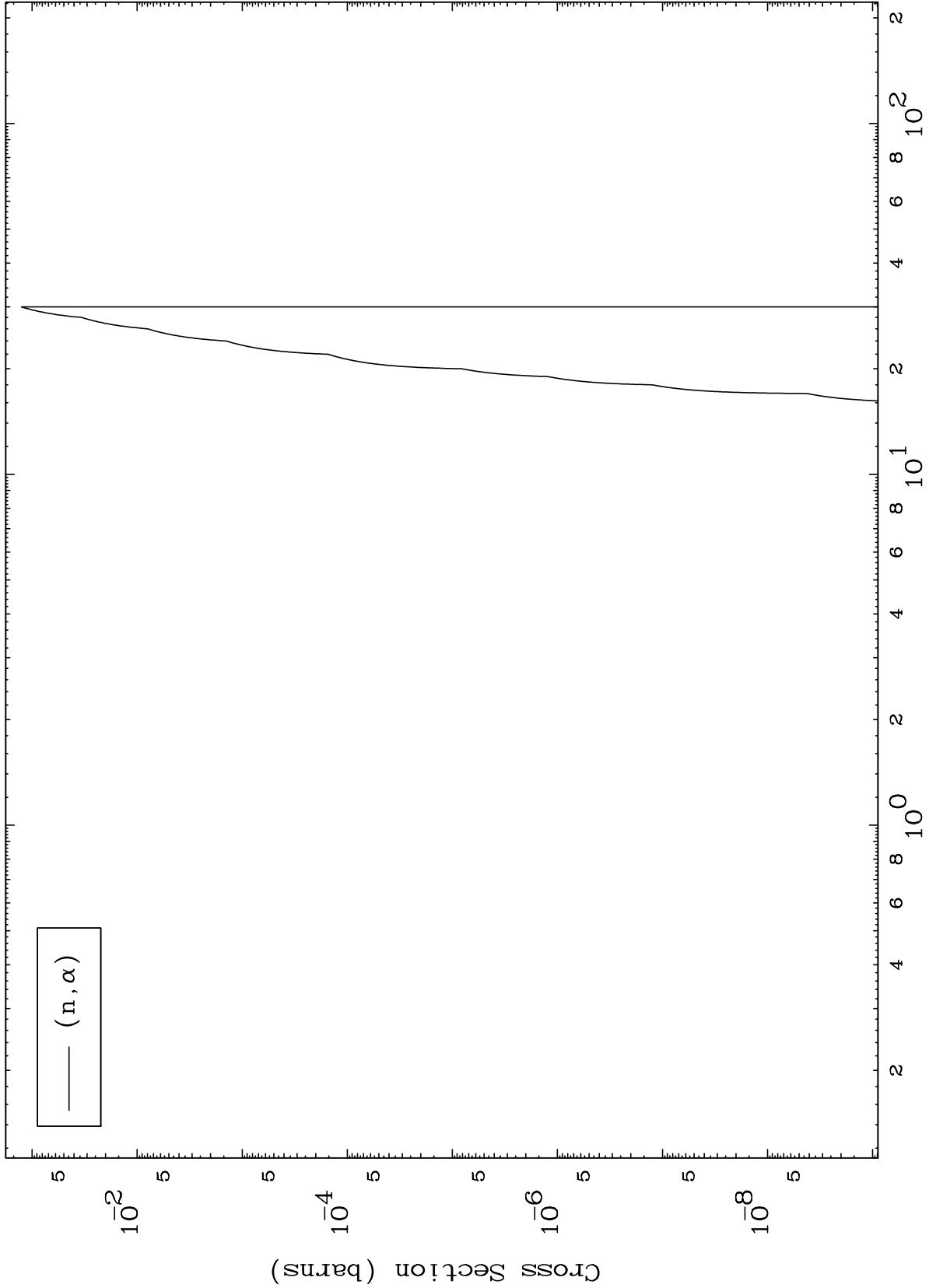


MAT 8029

( $\alpha, \alpha$ ) Levels

80-Hg-197m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

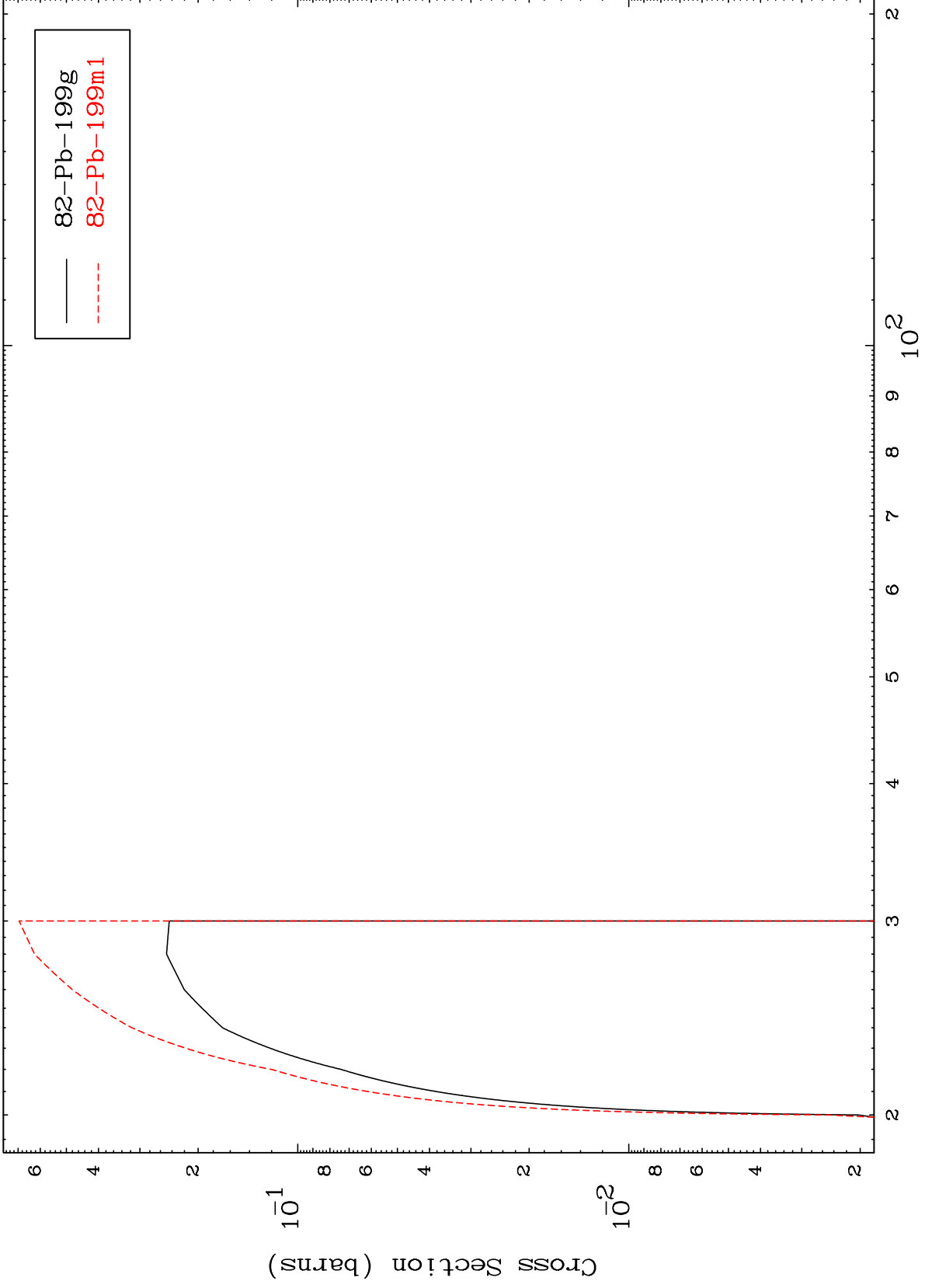
80-Hg-197m

MAT 8029

(n,2n)

80-Hg-197m

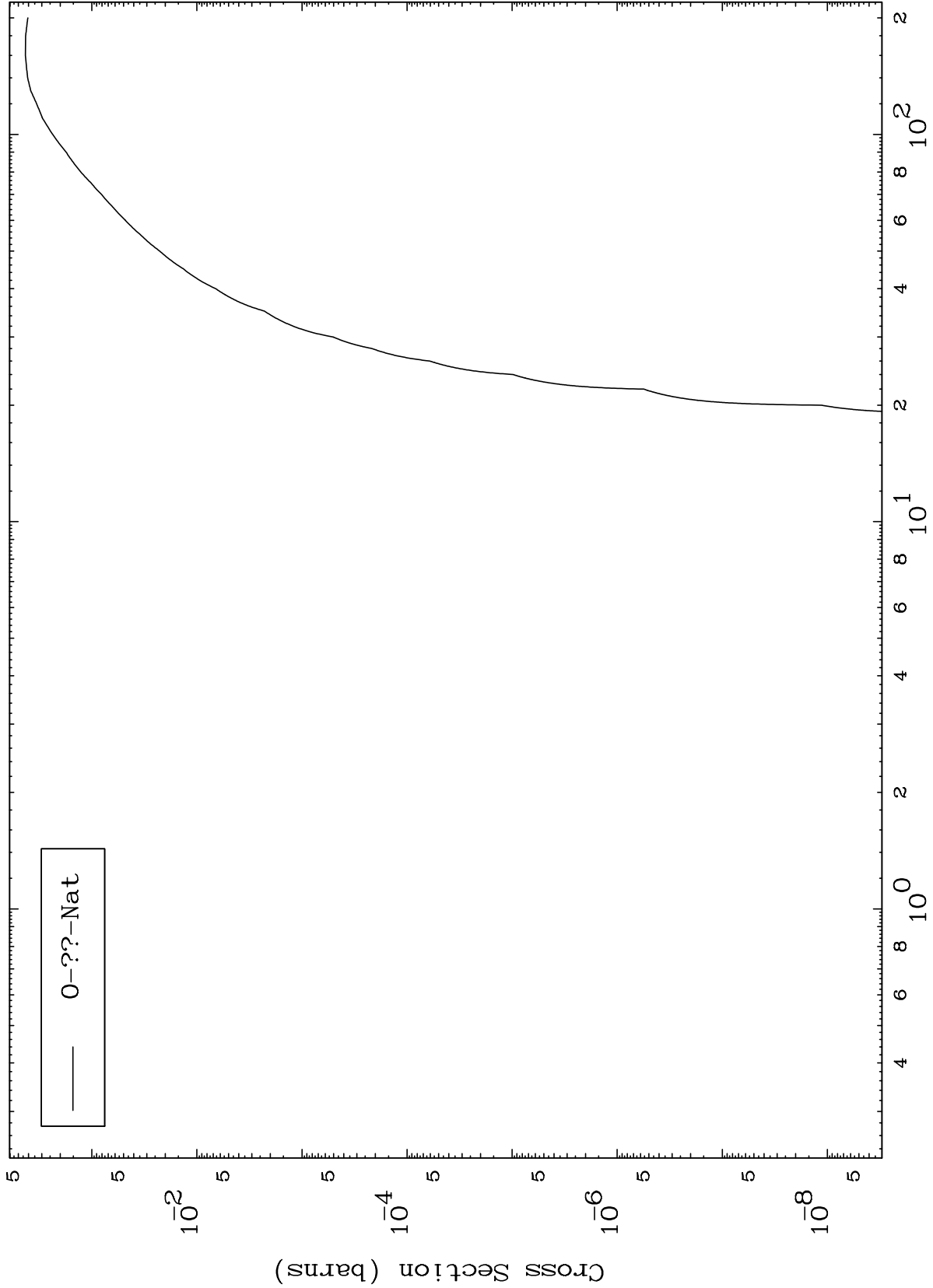
Radionuclide Production Cross Section



MAT 8029

Fission  
Radionuclide Production Cross Section

80-Hg-197m

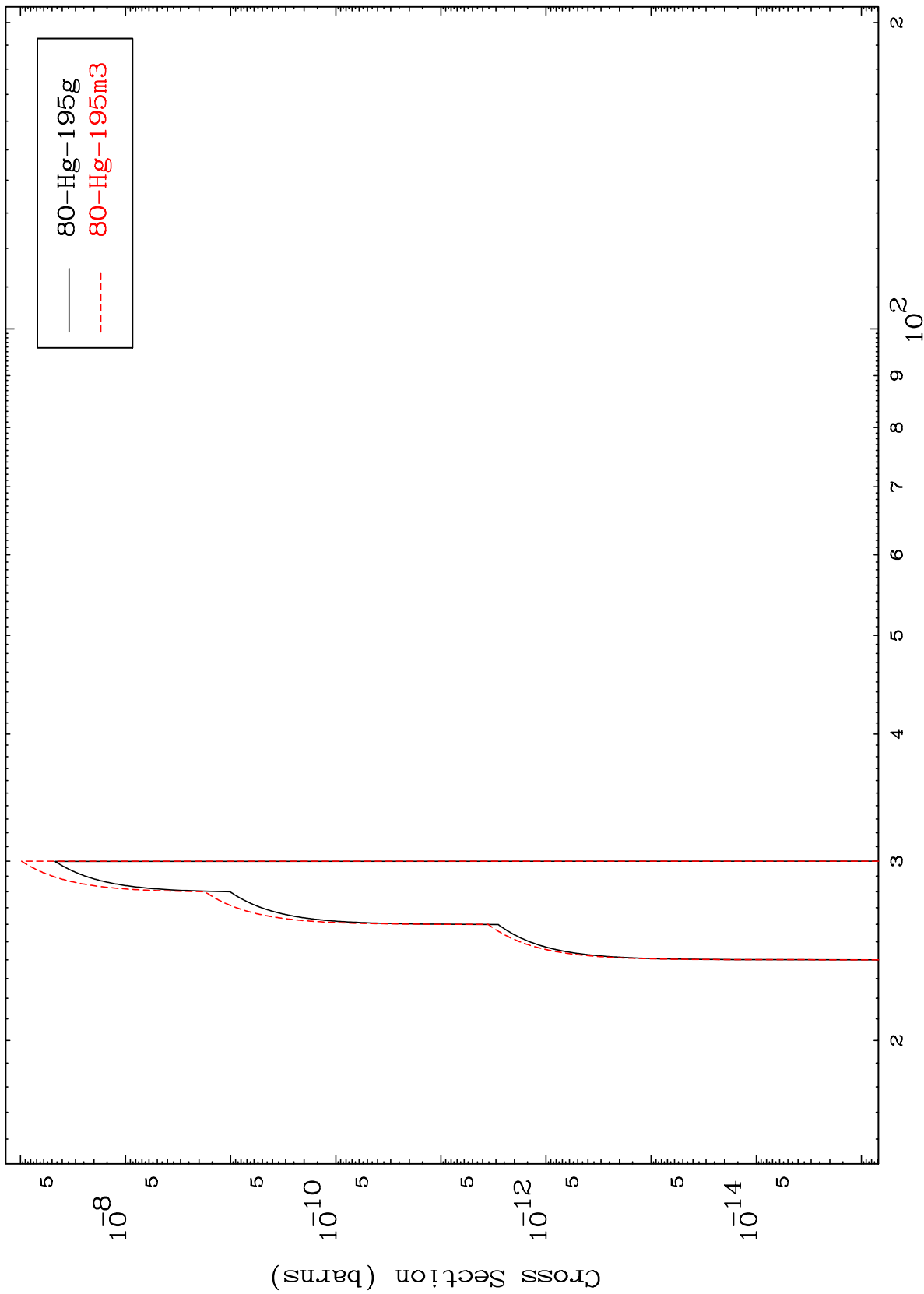


MAT 8029

(n,2n)  $\alpha$

80-Hg-197m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

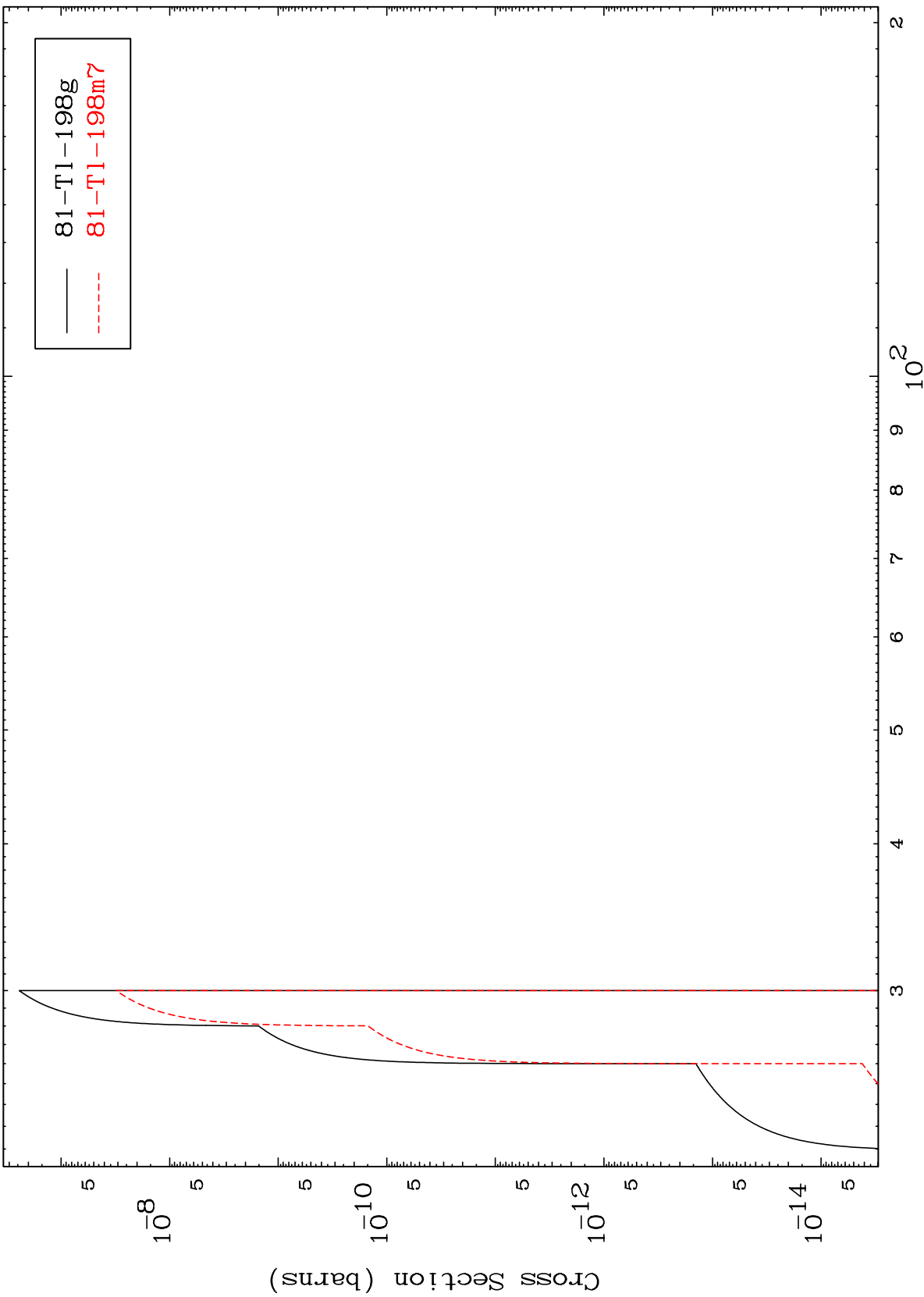
80-Hg-197m

MAT 8029

(n,n') d

80-Hg-197m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

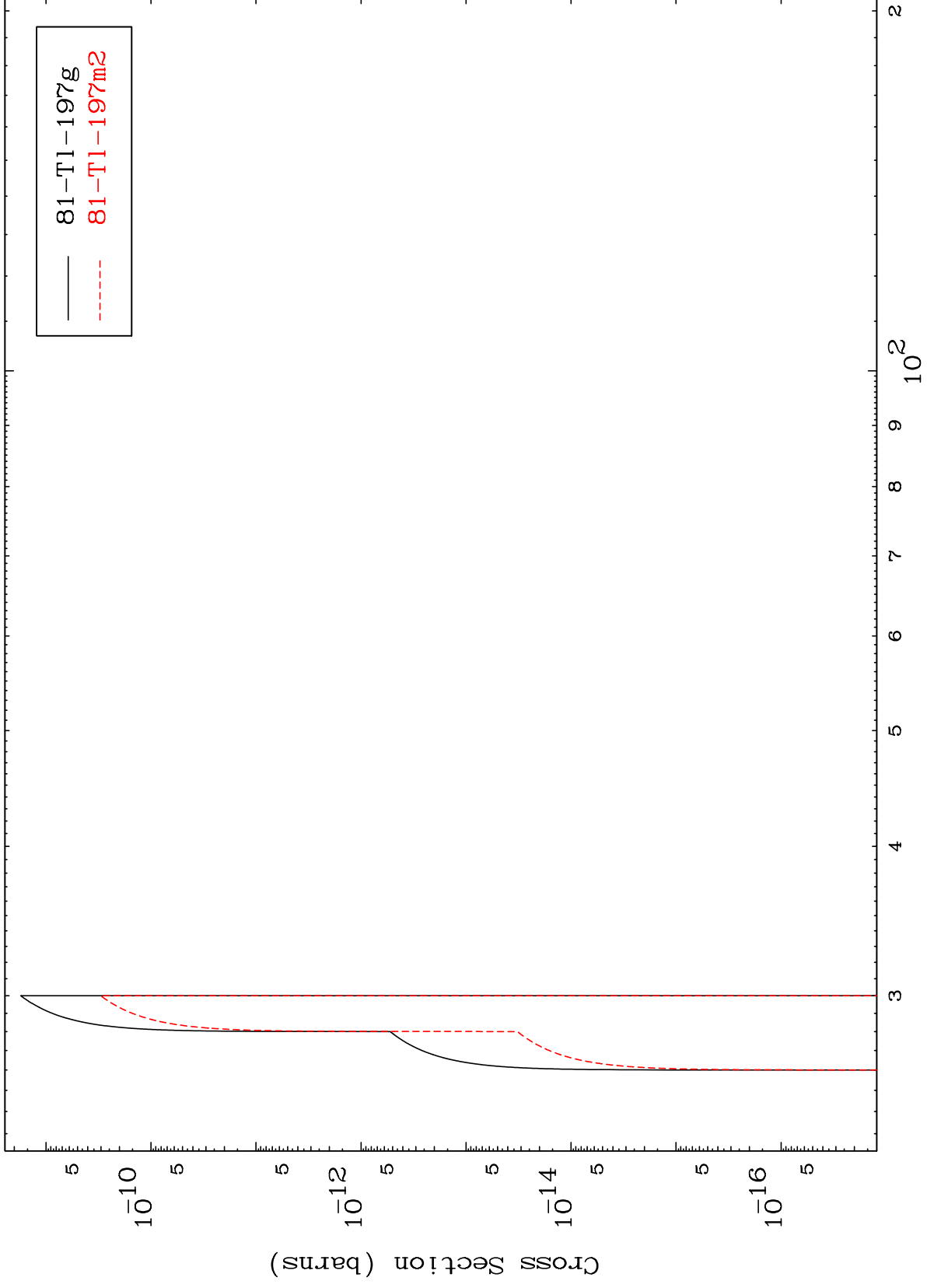
80-Hg-197m

MAT 8029

(n,n') t

80-Hg-197m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

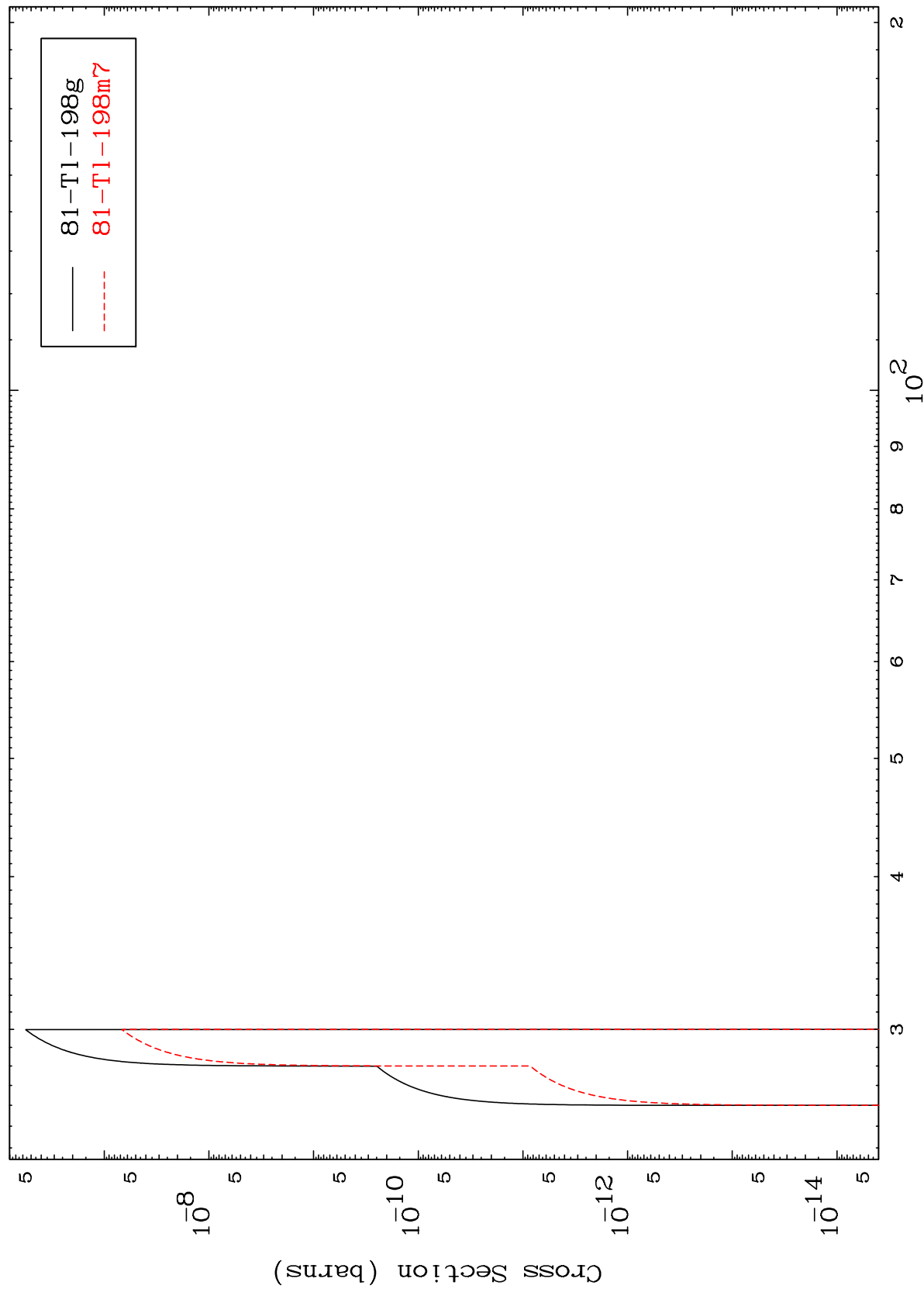
80-Hg-197m

MAT 8029

(n,2n) p

80-Hg-197m

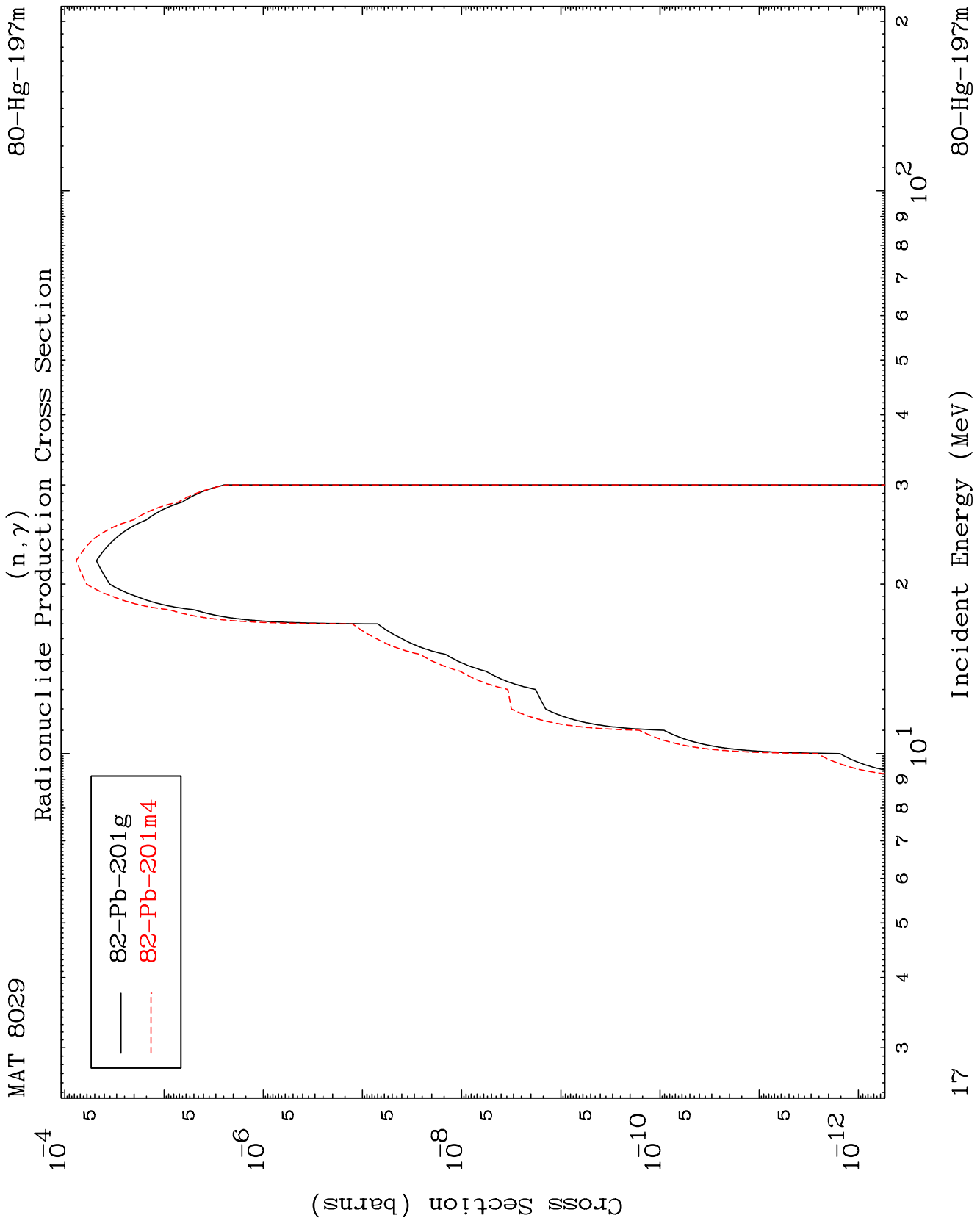
Radionuclide Production Cross Section



16

Incident Energy (MeV)

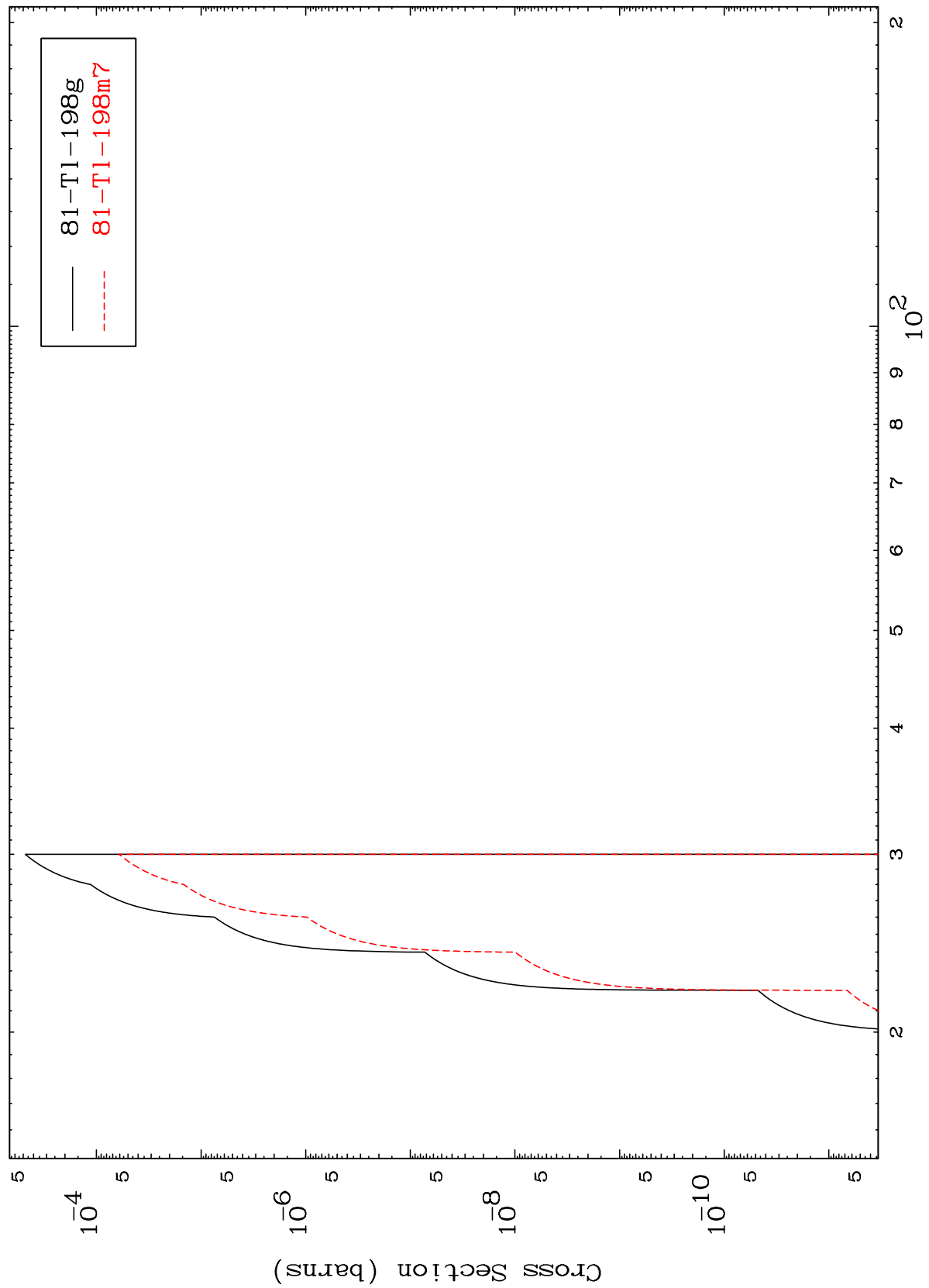
80-Hg-197m



MAT 8029

80-Hg-197m

(n, t)  
Radionuclide Production Cross Section



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

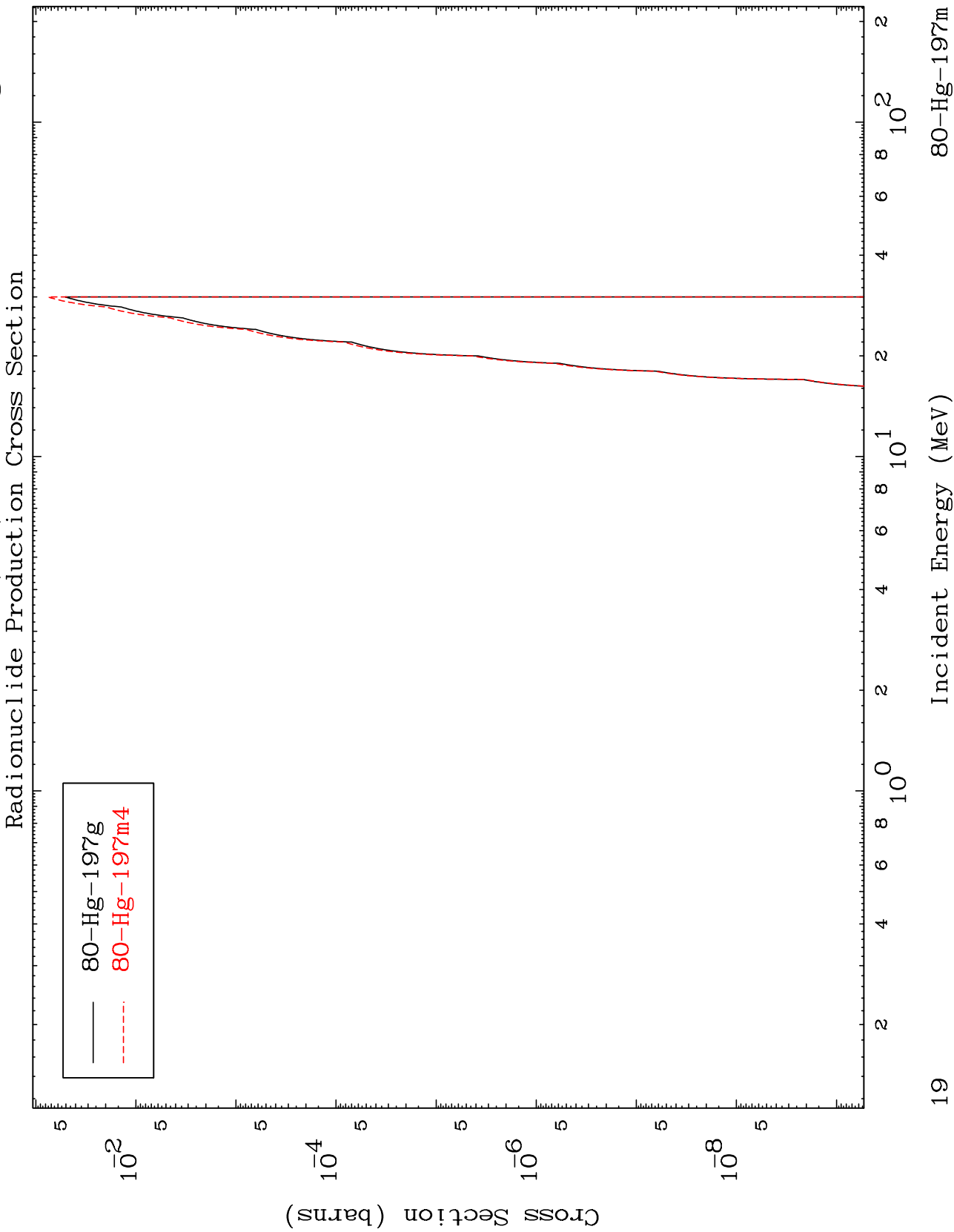
18

Incident Energy (MeV)

80-Hg-197m

MAT 8029

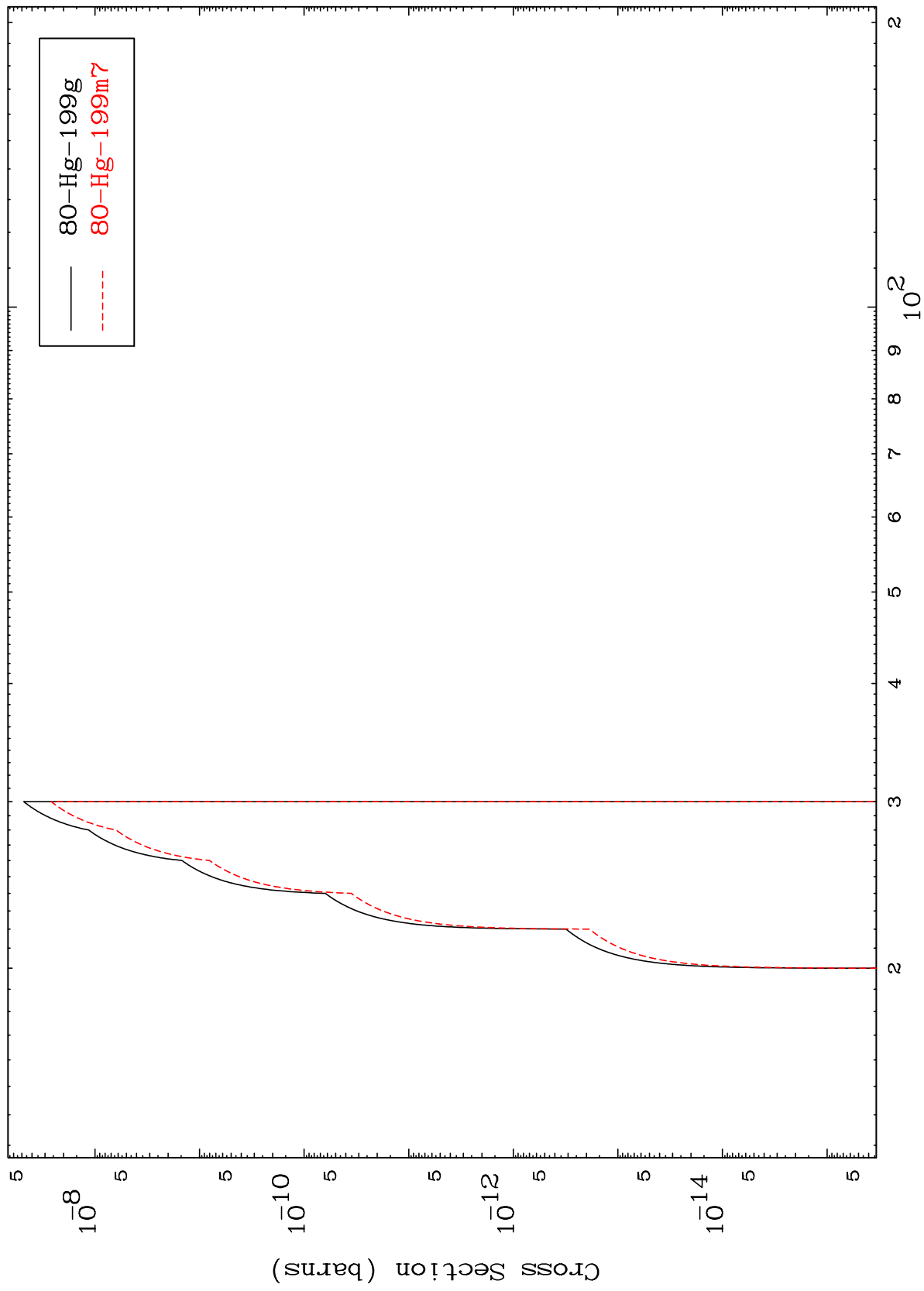
80-Hg-197m



MAT 8029

80-Hg-197m

(n,2p)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

80-Hg-197m

MAT 8029

80-Hg-197m

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

