

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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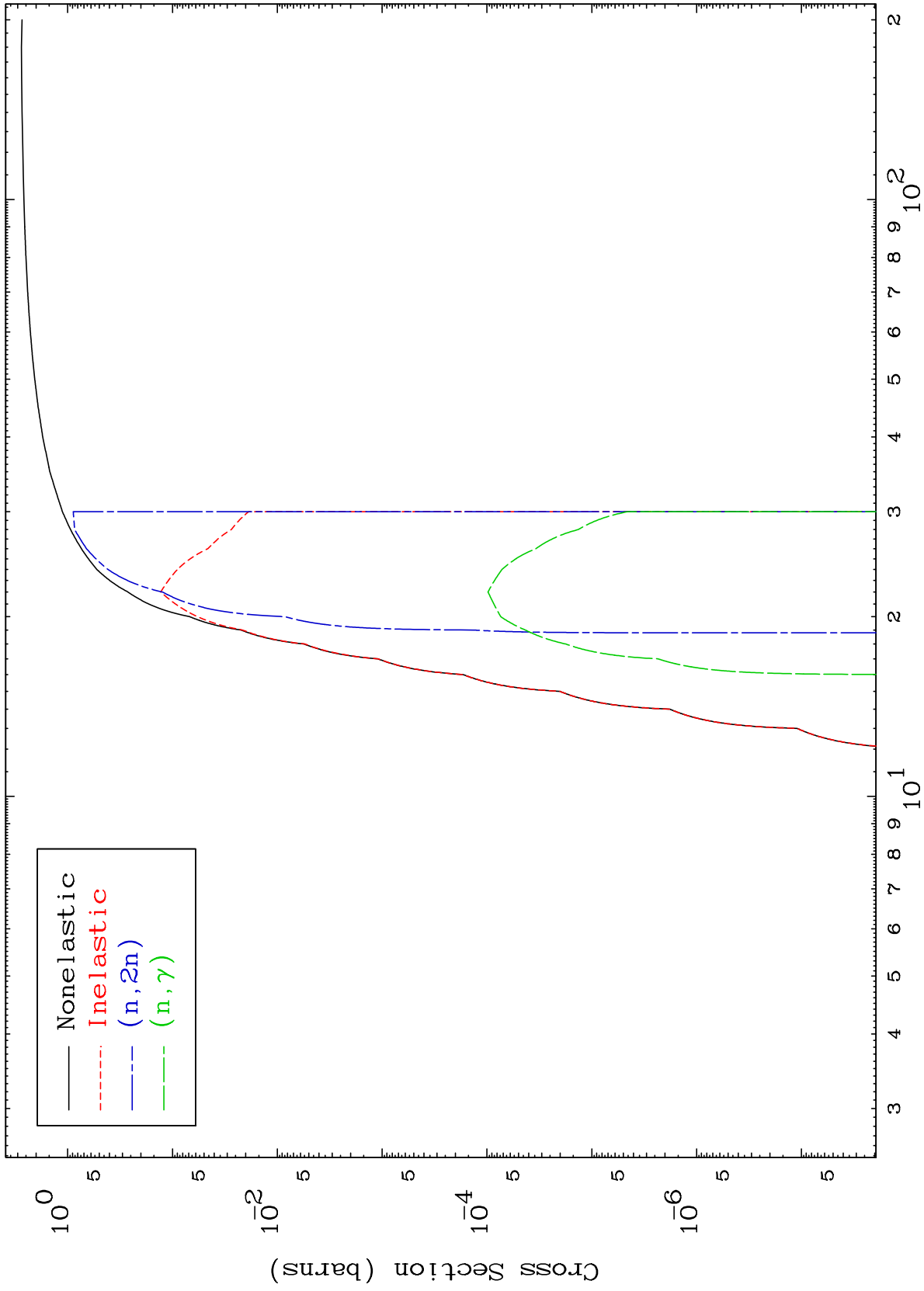
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8031

0 Kelvin  $\alpha$  Major  
Cross Sections

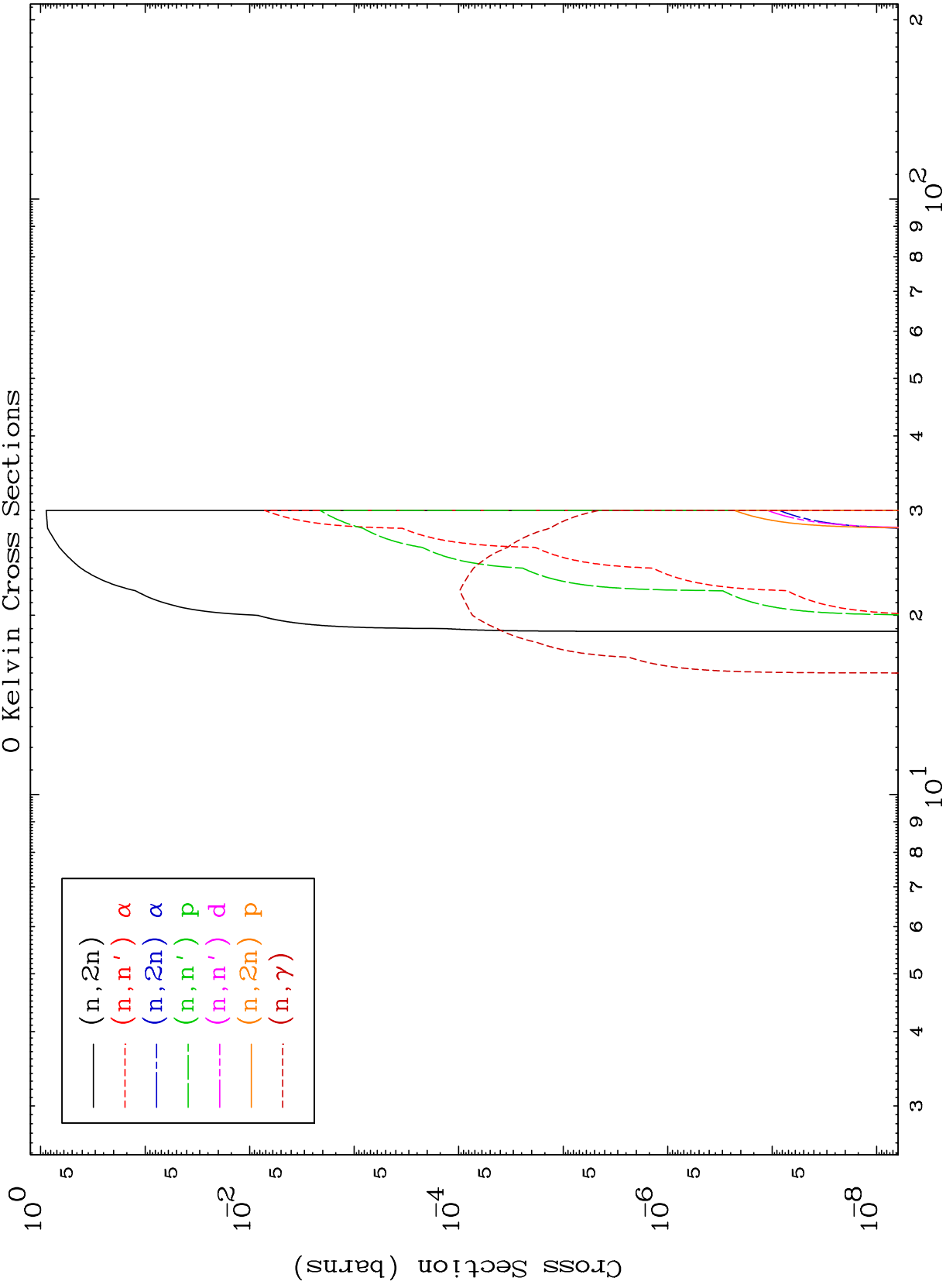
80-Hg-198



MAT 8031

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-198



2

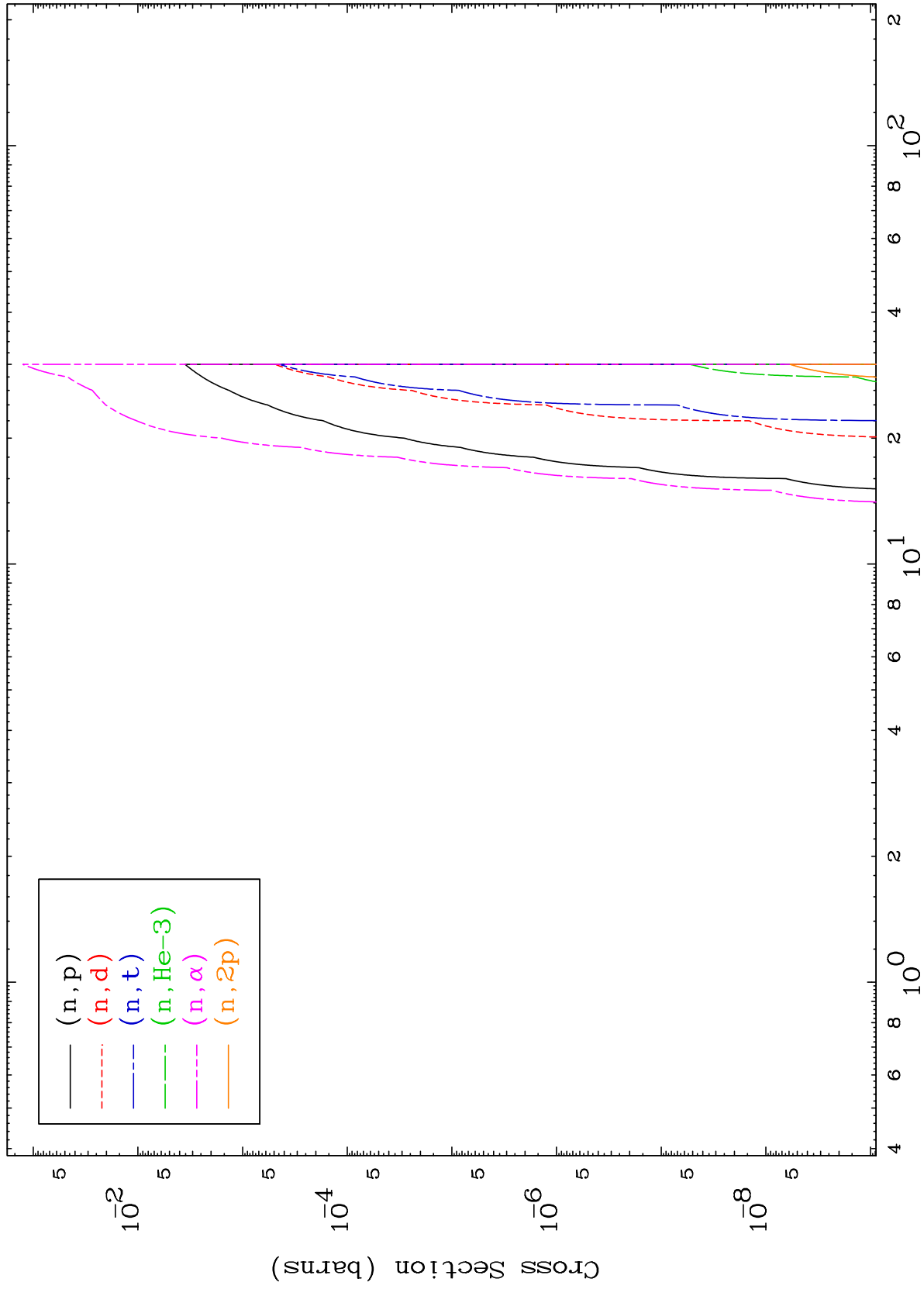
Incident Energy (MeV)

80-Hg-198

MAT 8031

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-198



3

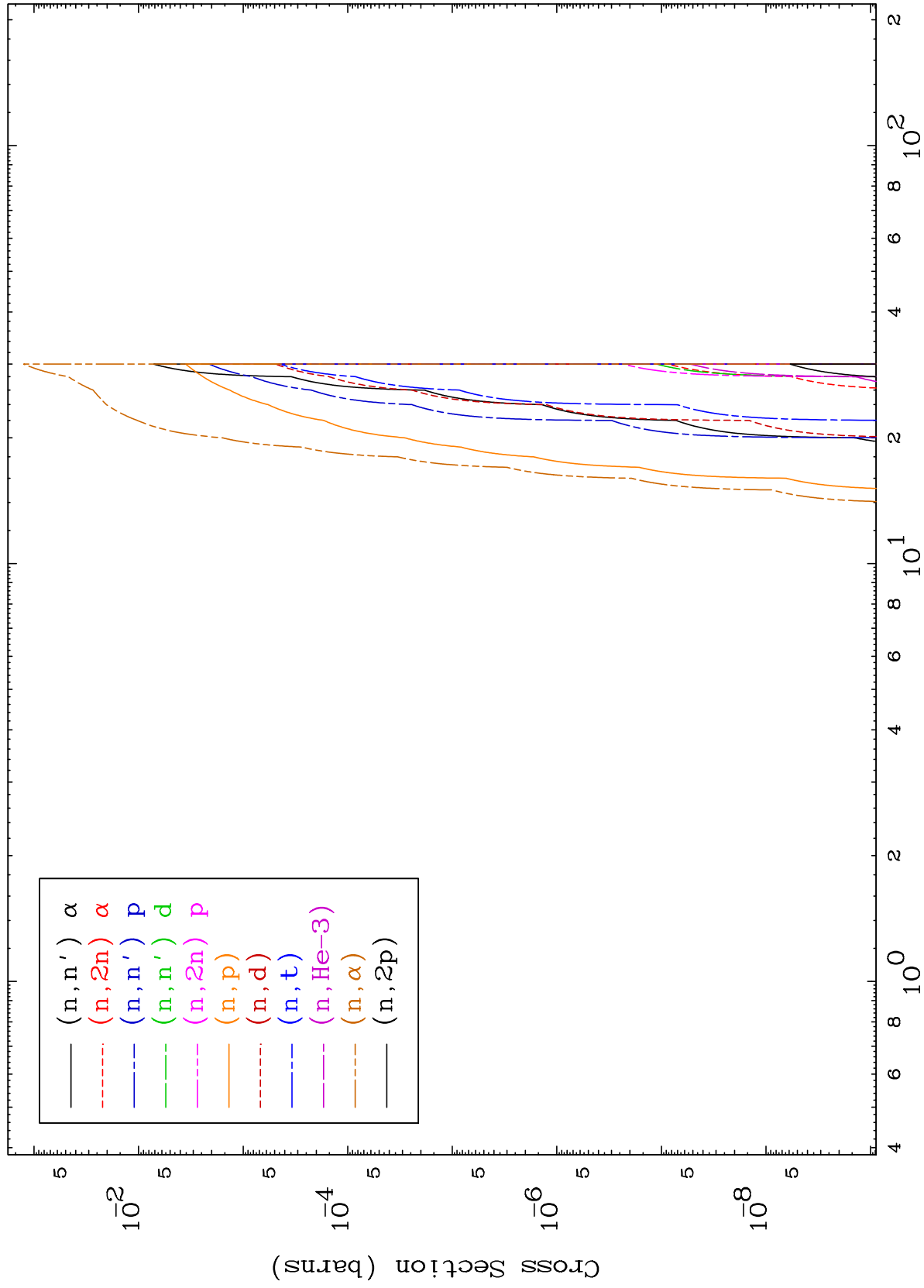
Incident Energy (MeV)

80-Hg-198

MAT 8031

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

80-Hg-198



4

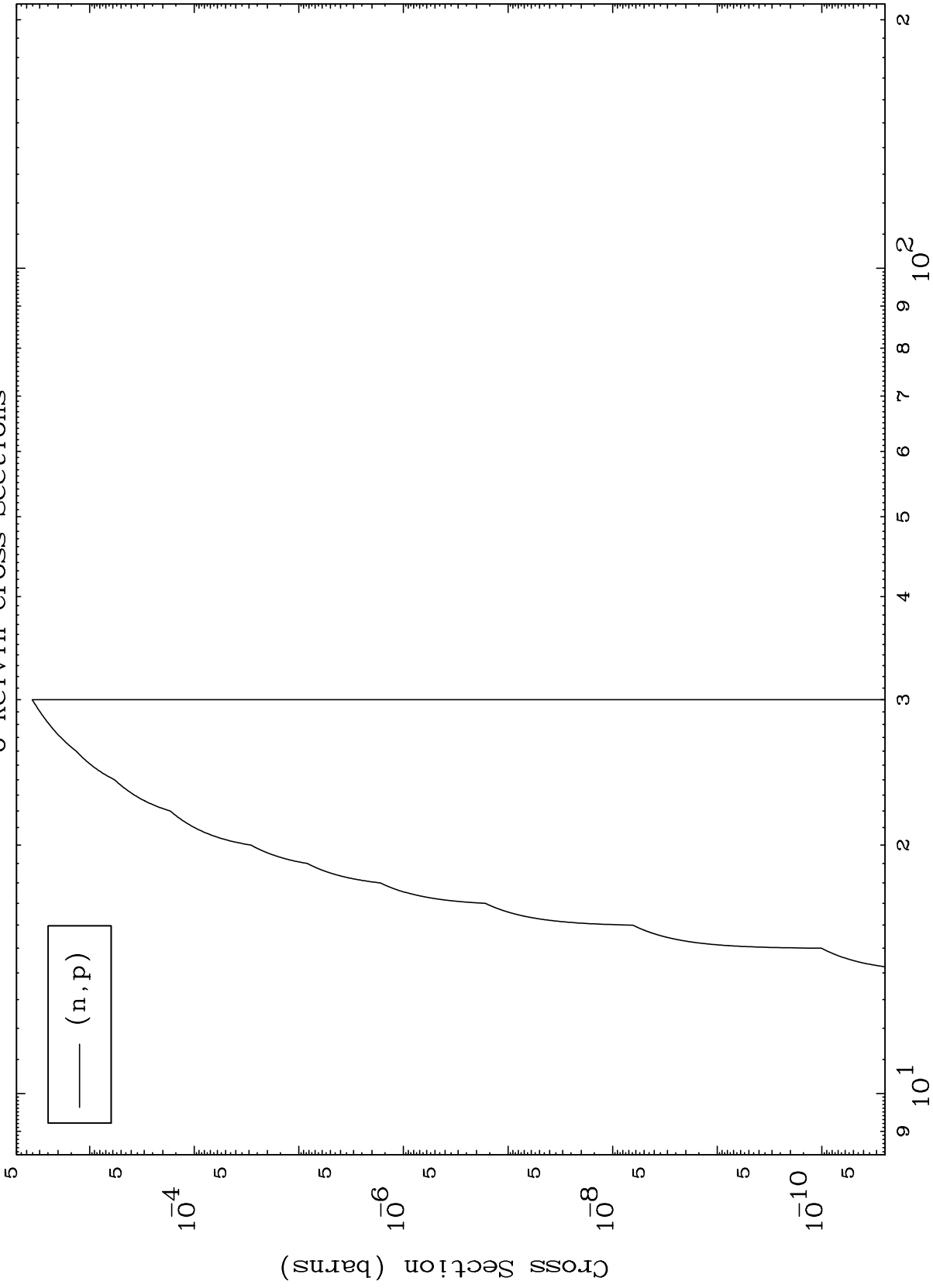
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



5

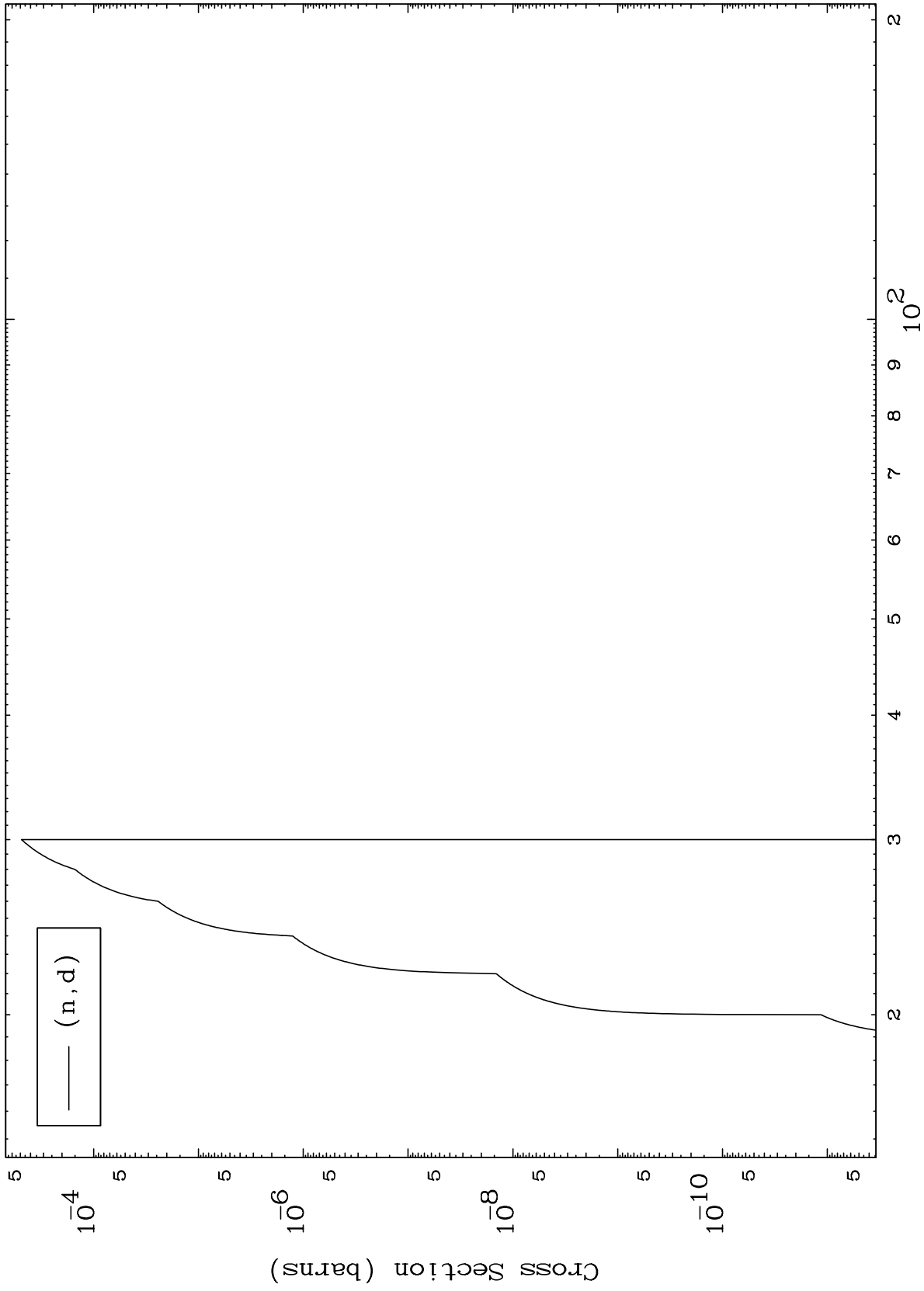
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



6

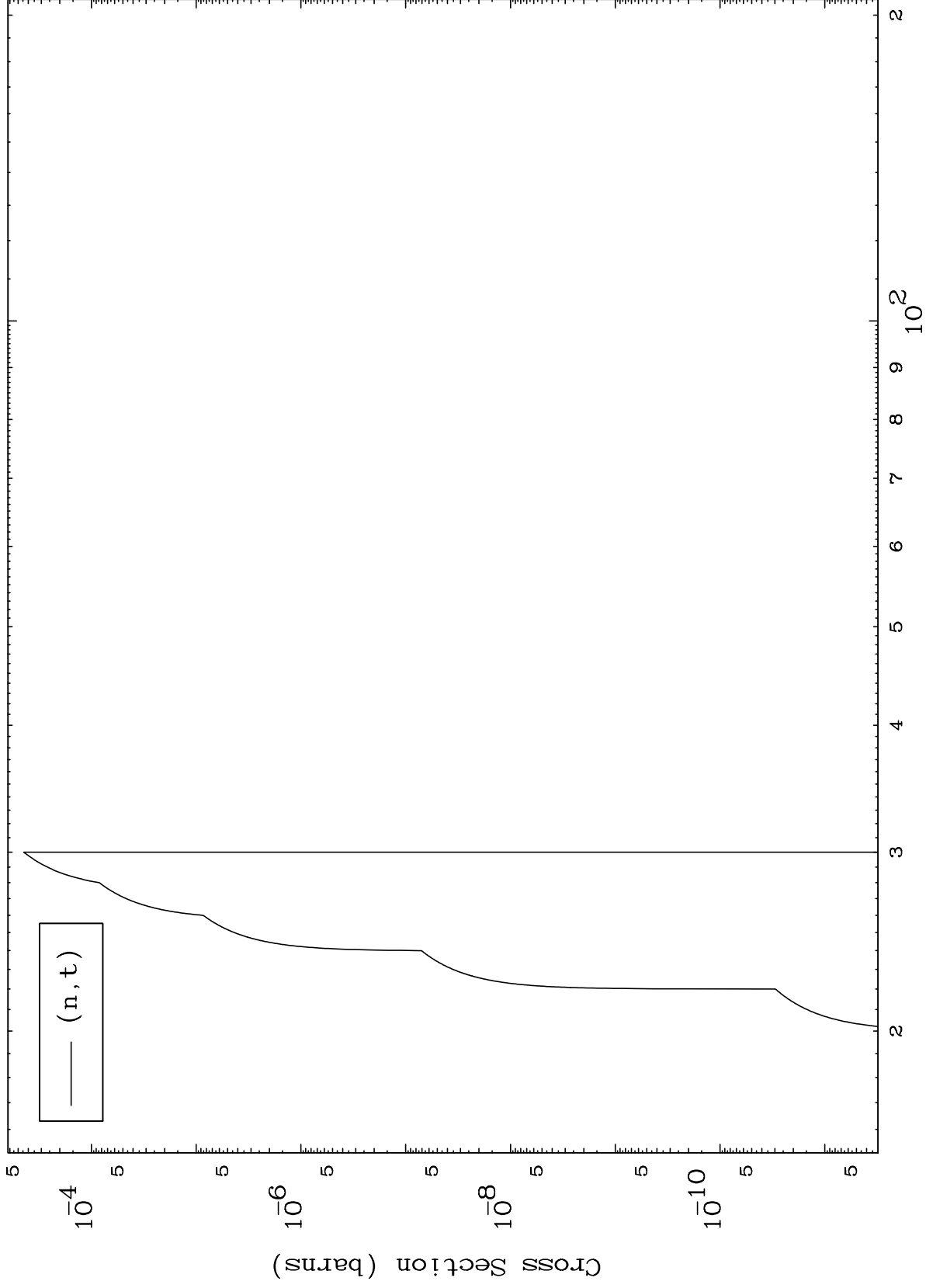
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

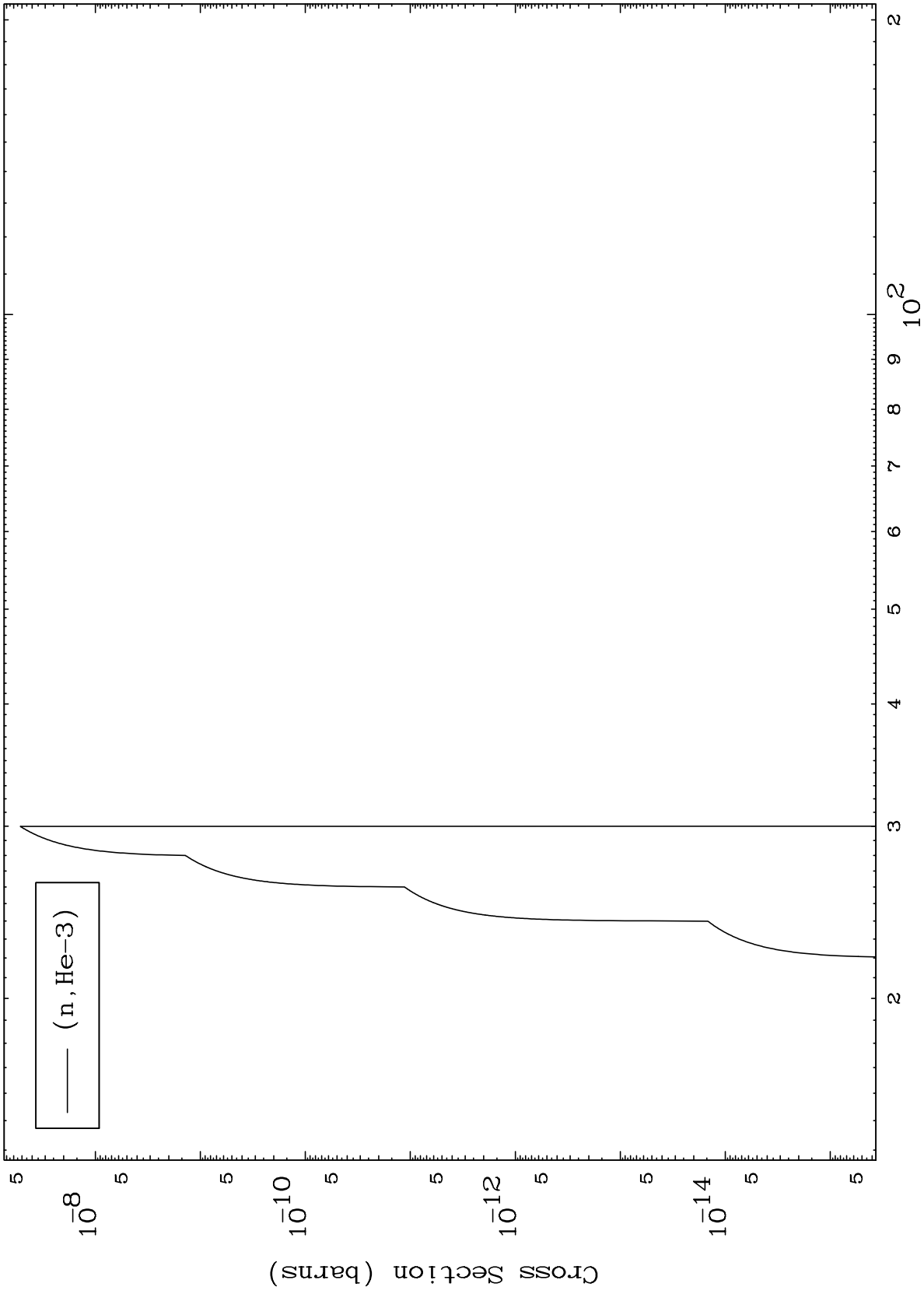




MAT 8031

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

80-Hg-198



8

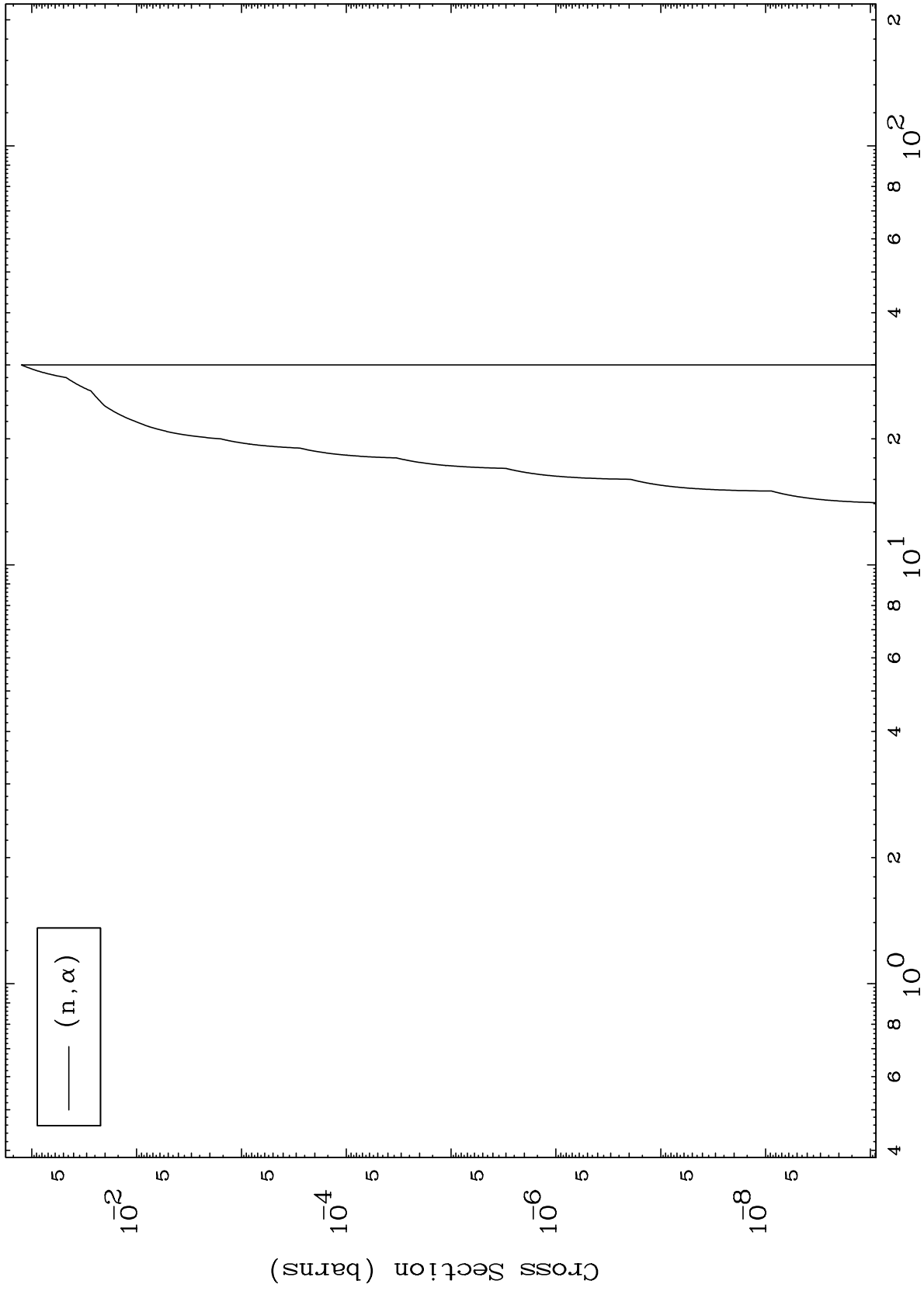
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

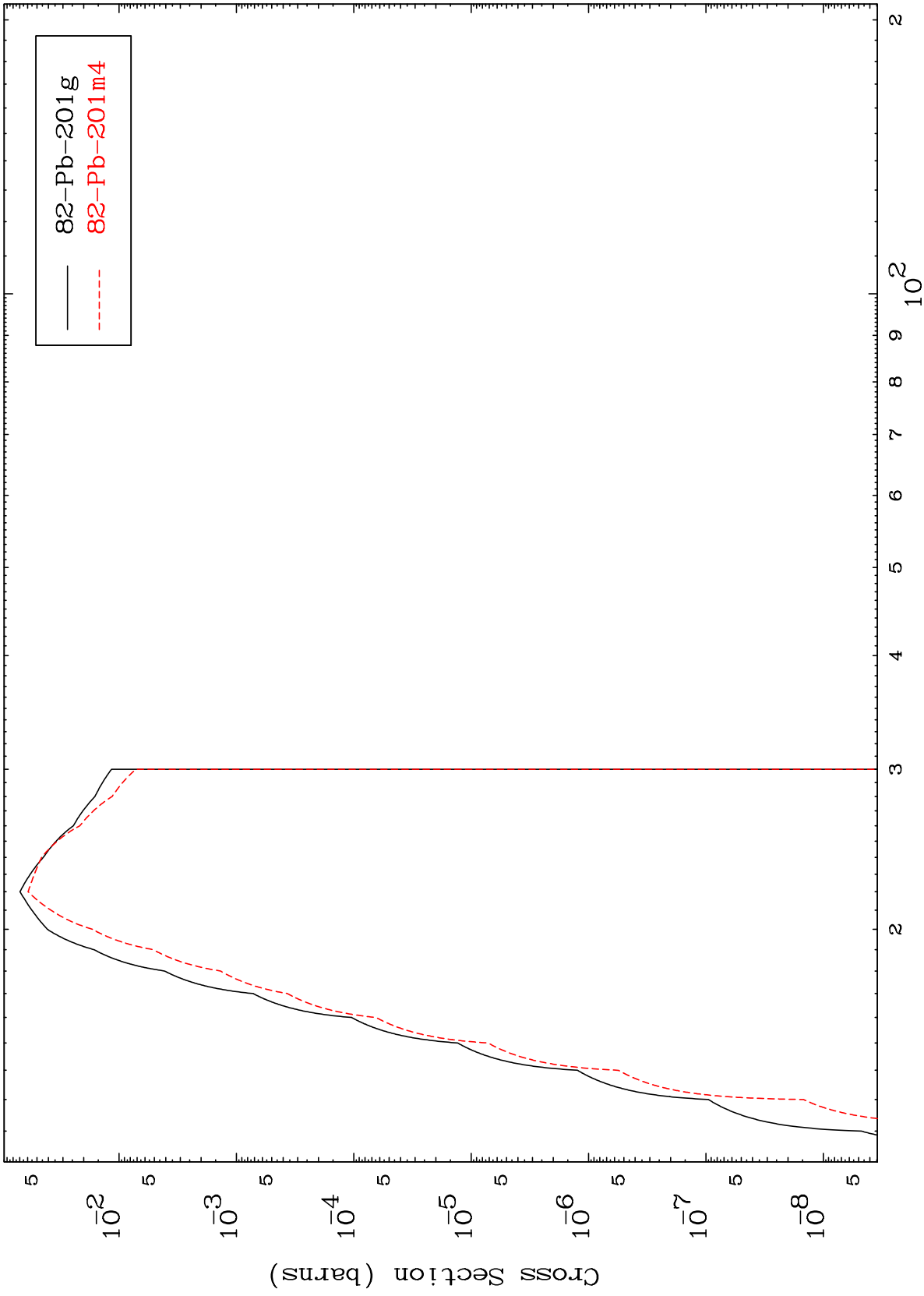
80-Hg-198



MAT 8031

Inelastic  
Radionuclide Production Cross Section

80-Hg-198



10

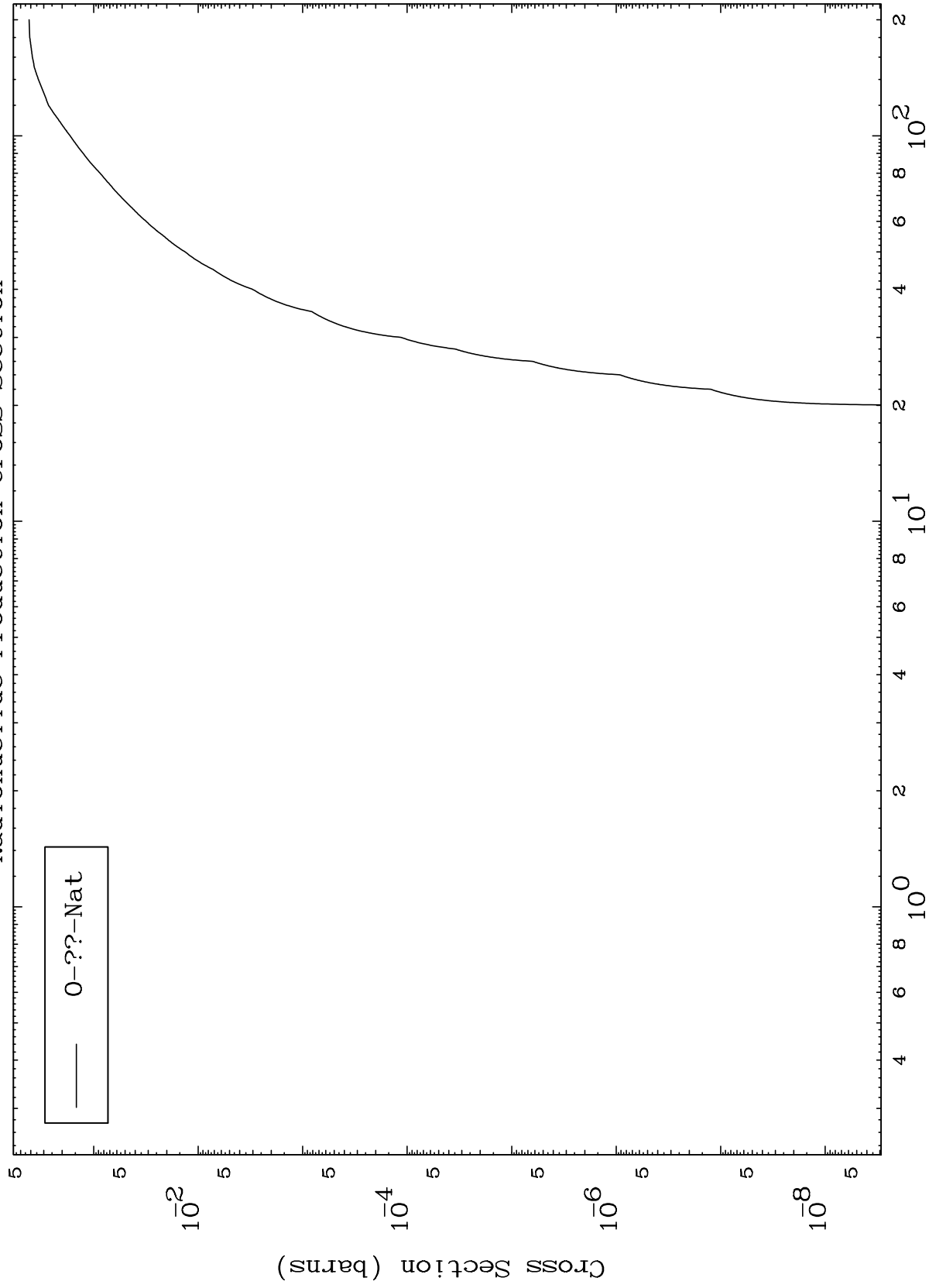
Incident Energy (MeV)

80-Hg-198

MAT 8031

Fission  
Radionuclide Production Cross Section

80-Hg-198

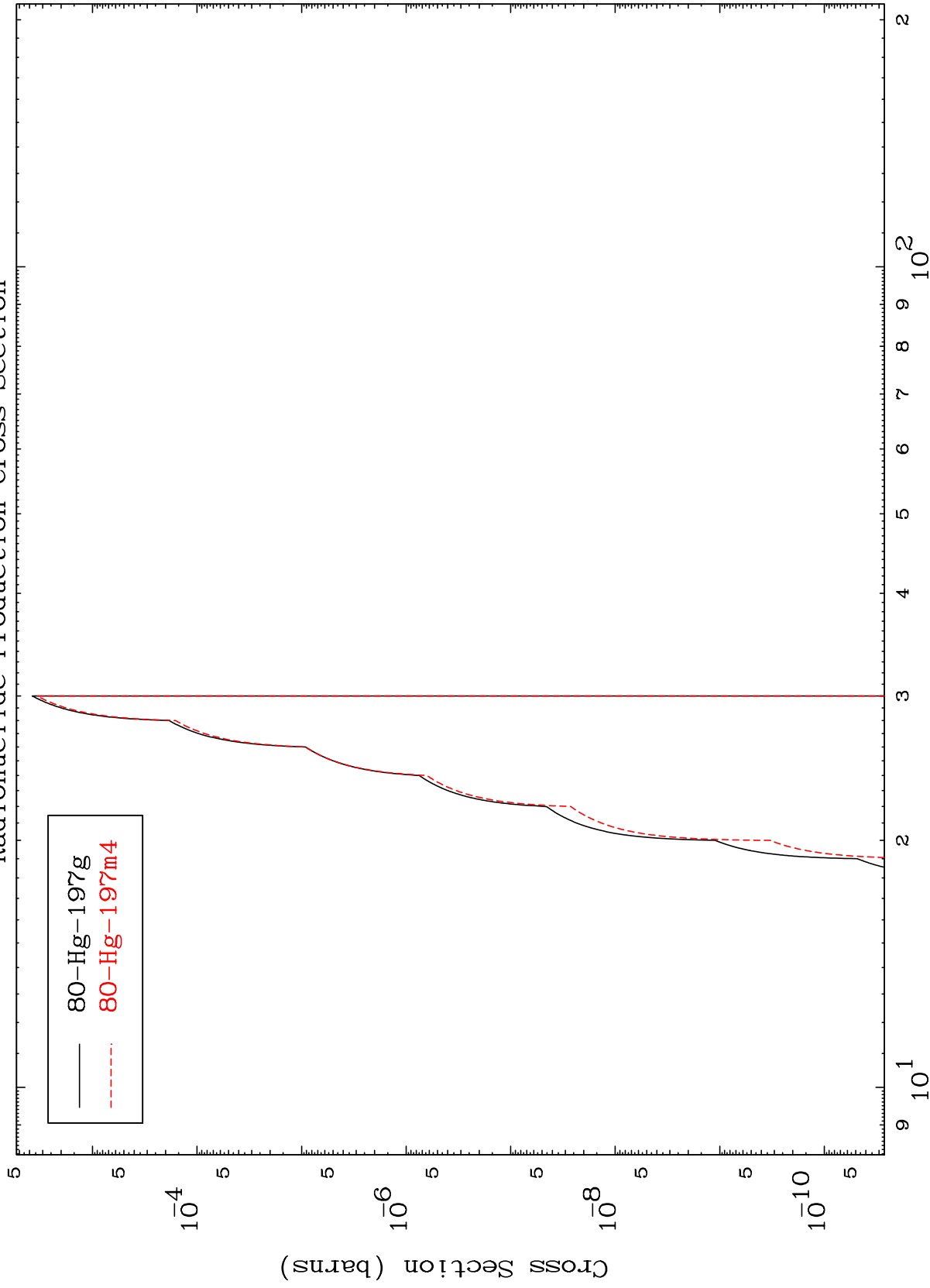


MAT 8031

(n,n')  $\alpha$

80-Hg-198

Radionuclide Production Cross Section



12

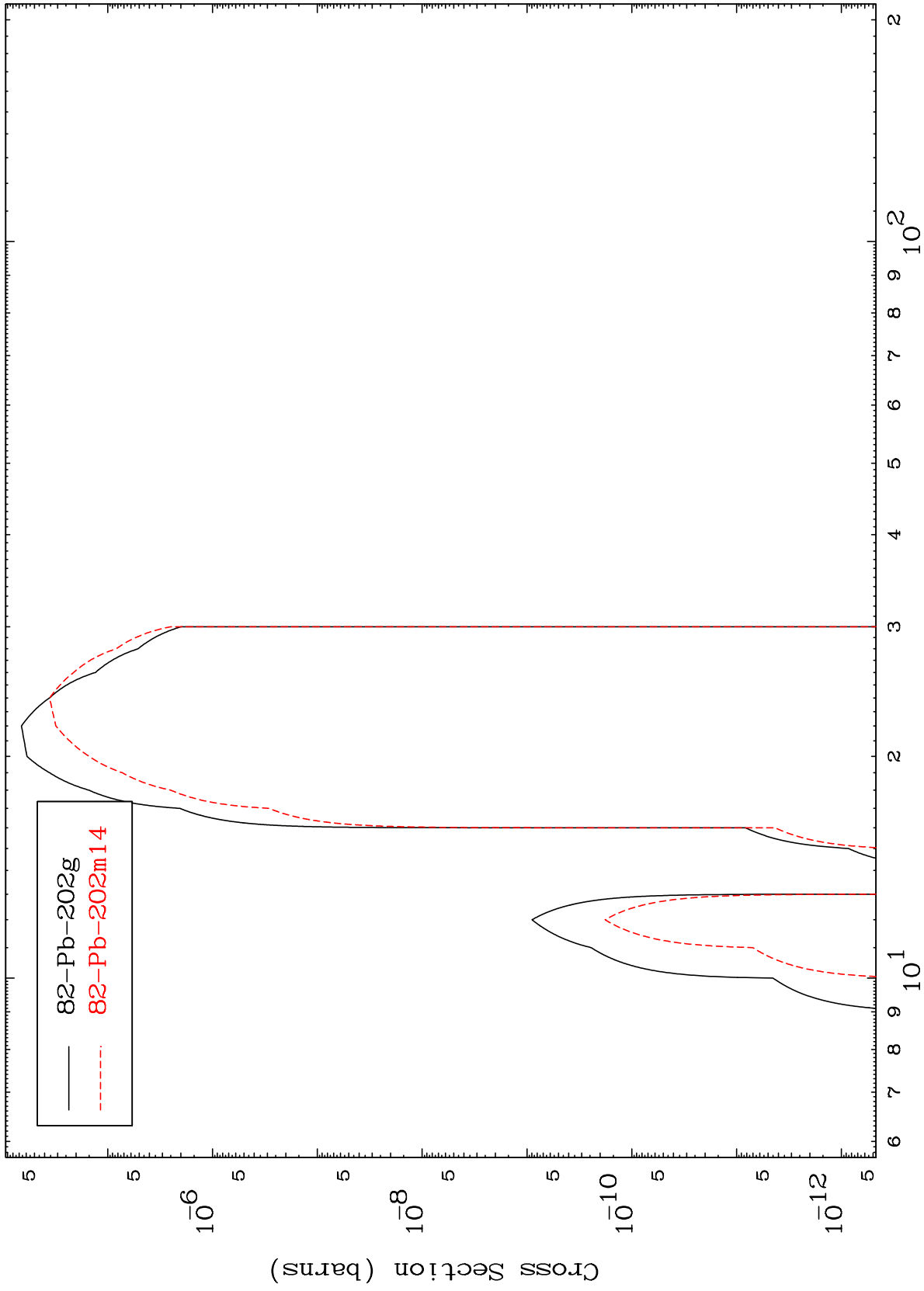
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

Radionuclide Production Cross Section  
(n,γ)



13

Incident Energy (MeV)

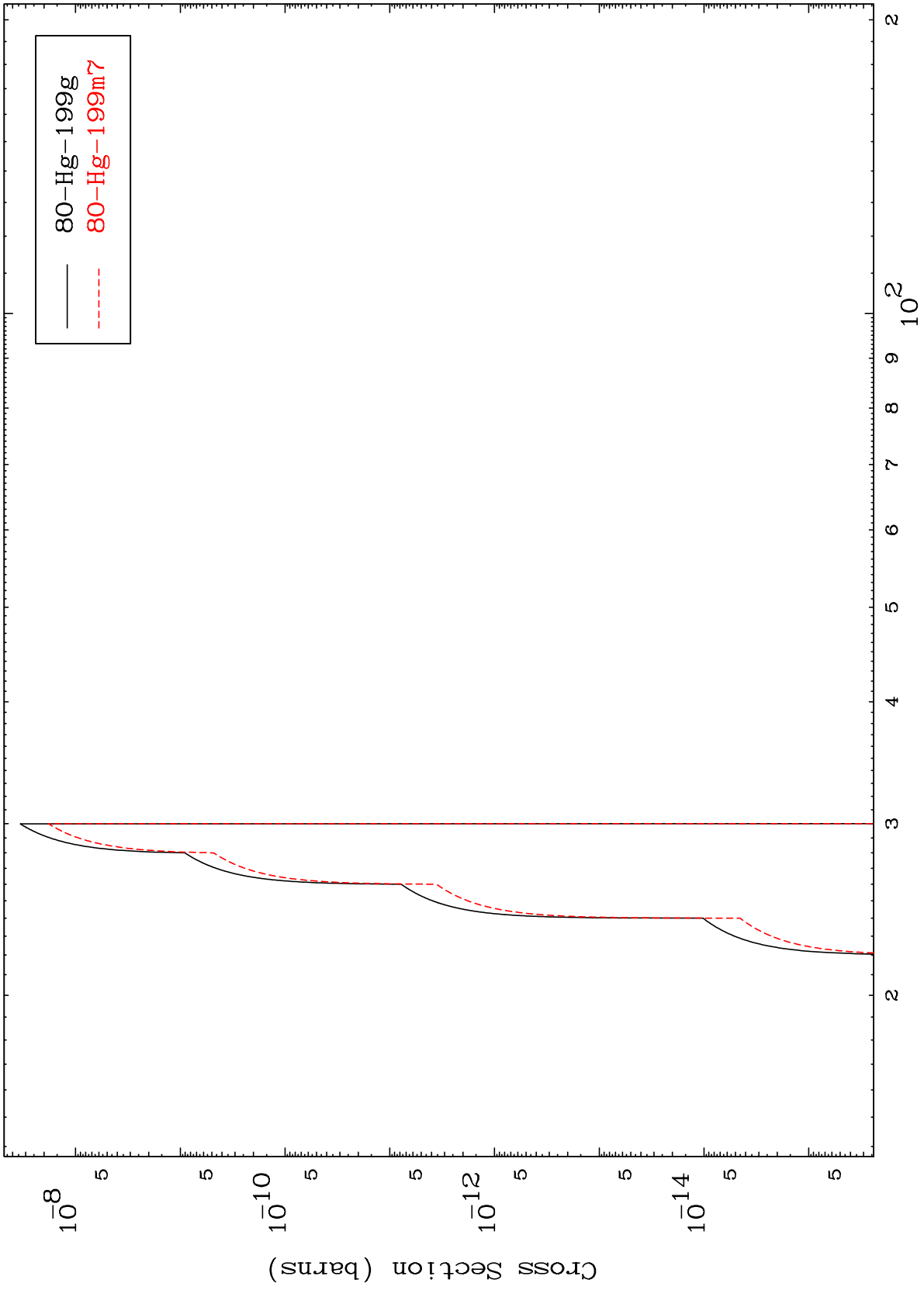
80-Hg-198

MAT 8031

(n, He-3)

80-Hg-198

Radionuclide Production Cross Section



14

Incident Energy (MeV)

80-Hg-198