

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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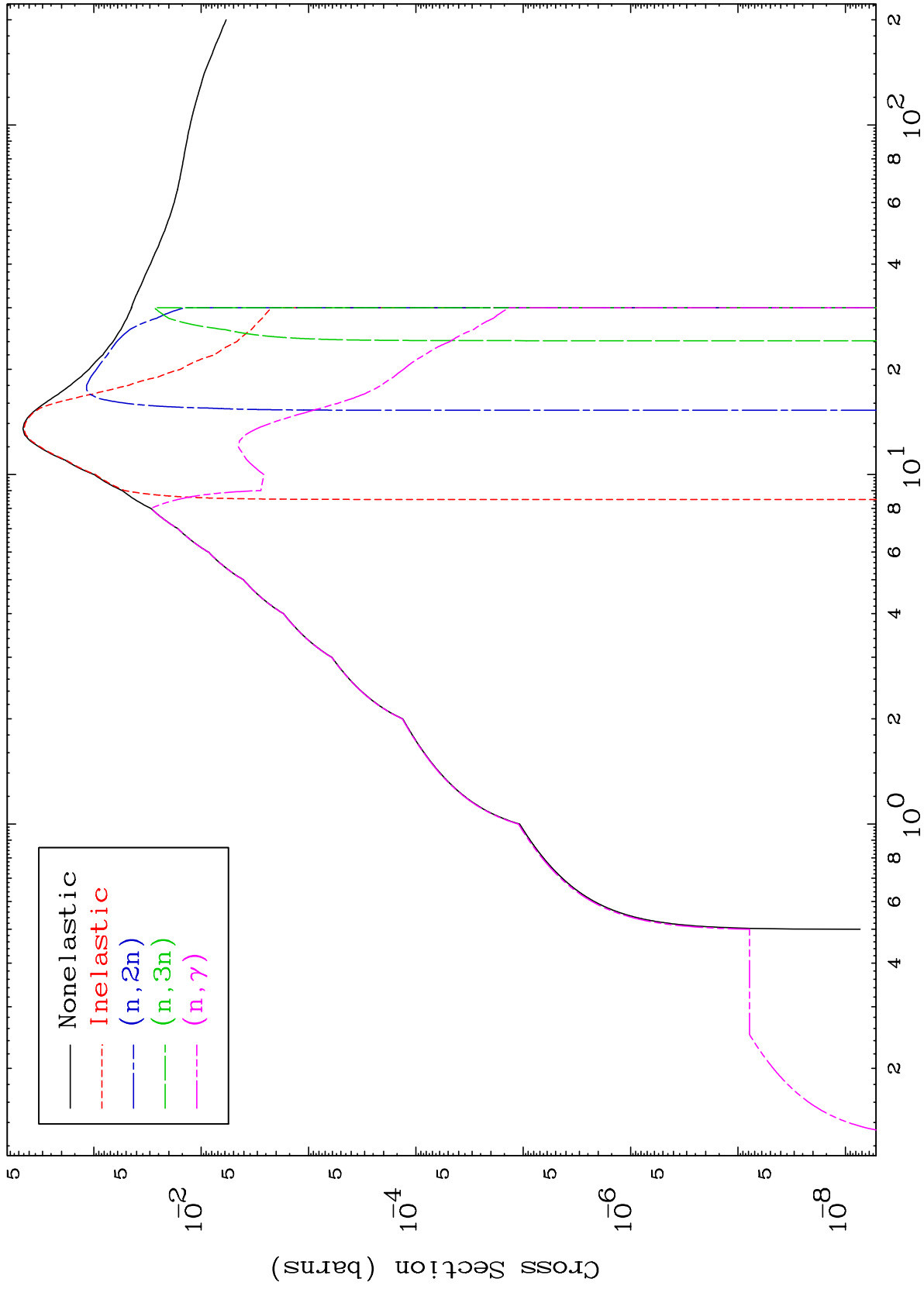
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

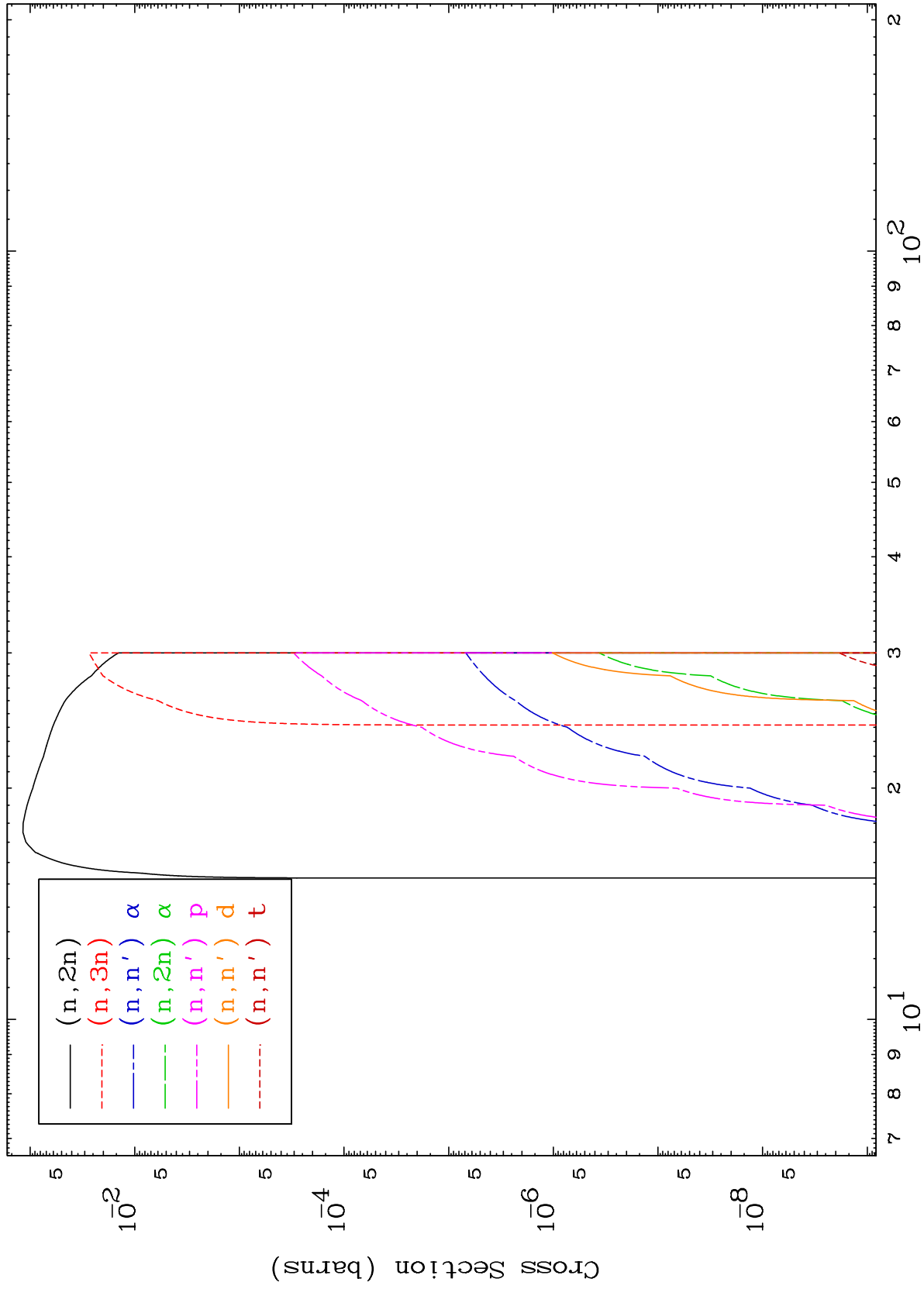
Press Mouse Button to Start

MAT 8031

0 Kelvin Major  
Photon Cross Sections

80-Hg-198

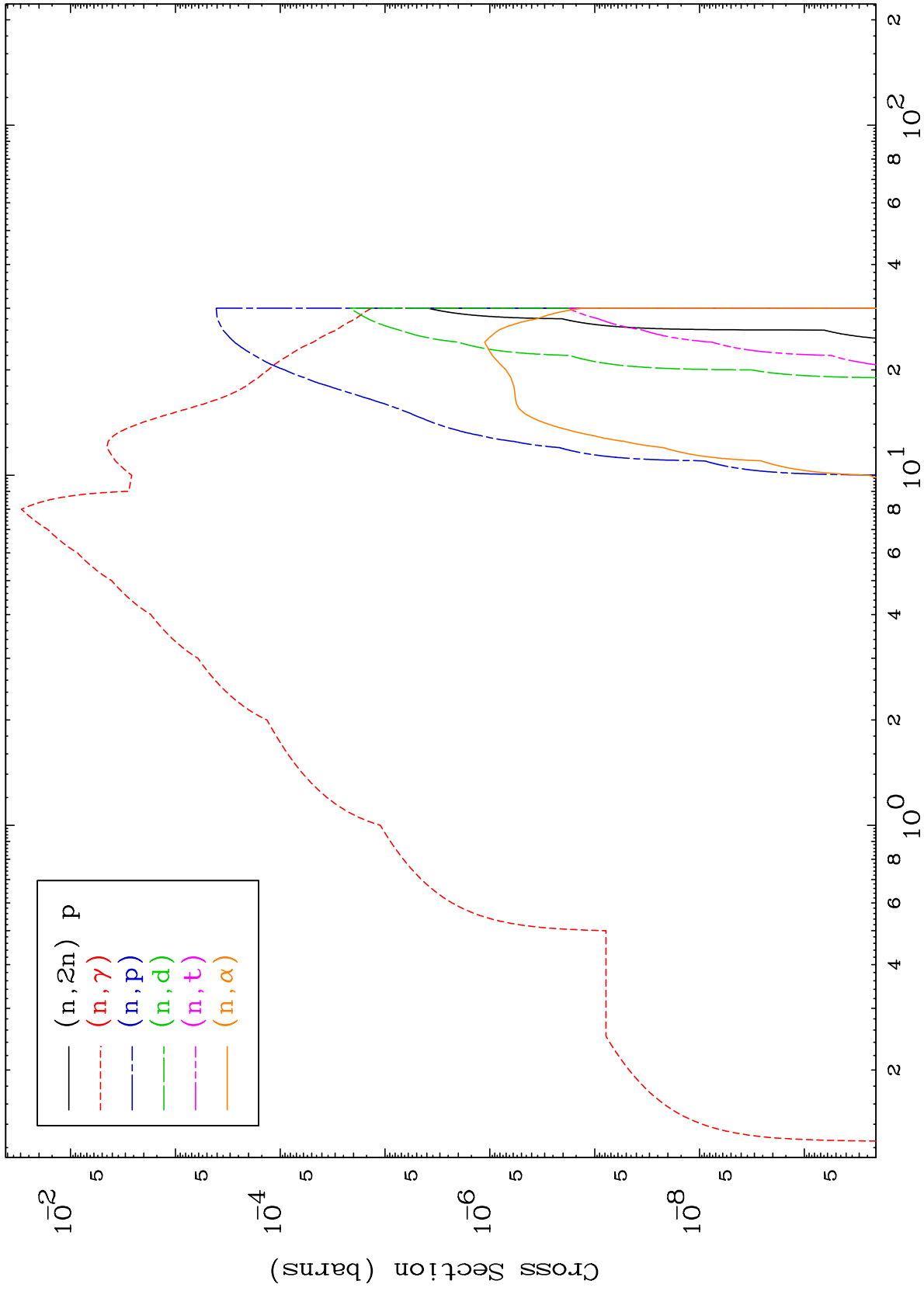




MAT 8031

Photon Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-198



3

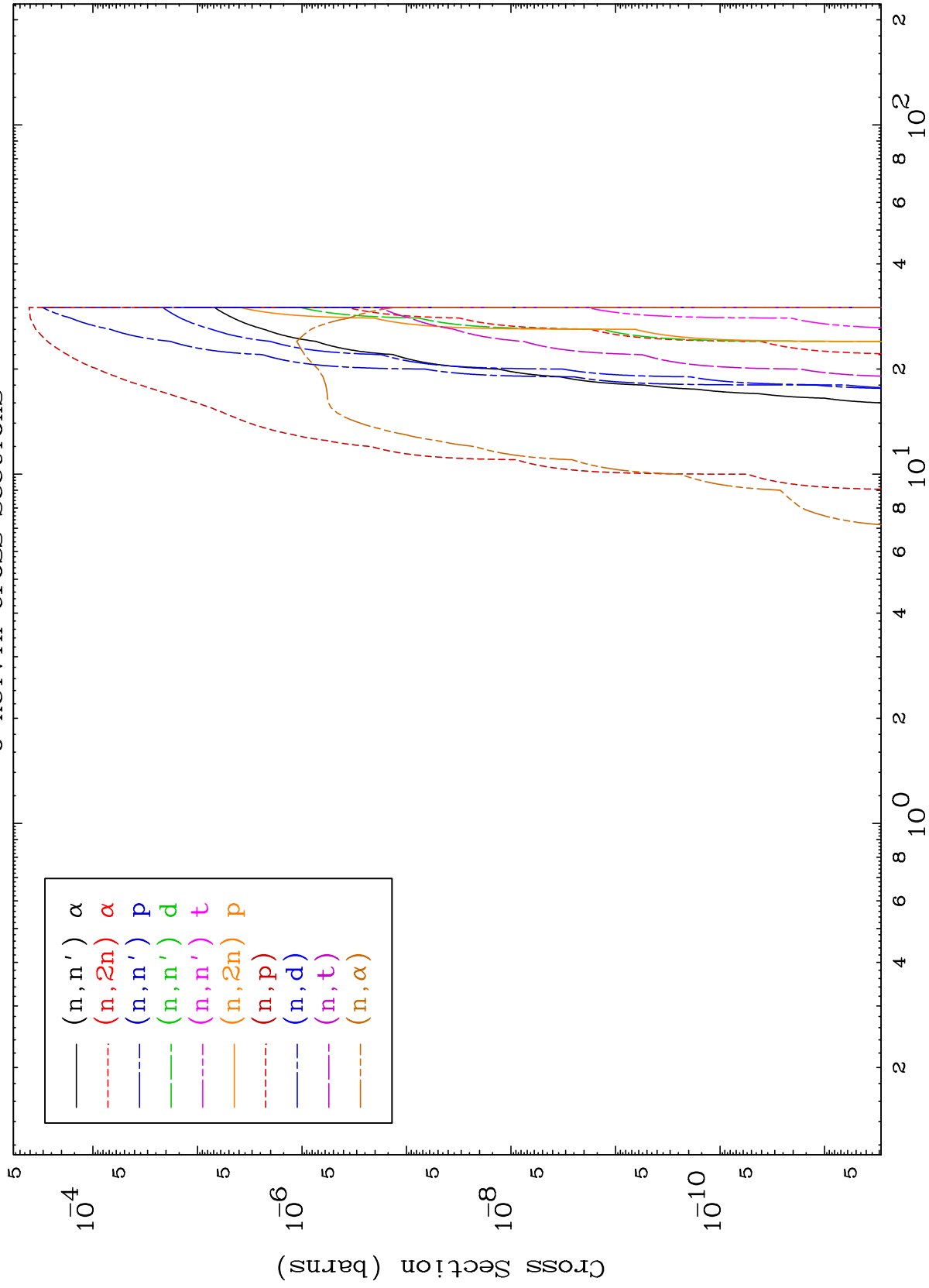
Incident Energy (MeV)

80-Hg-198

MAT 8031

Photon Charged Particle  
0 Kelvin Cross Sections

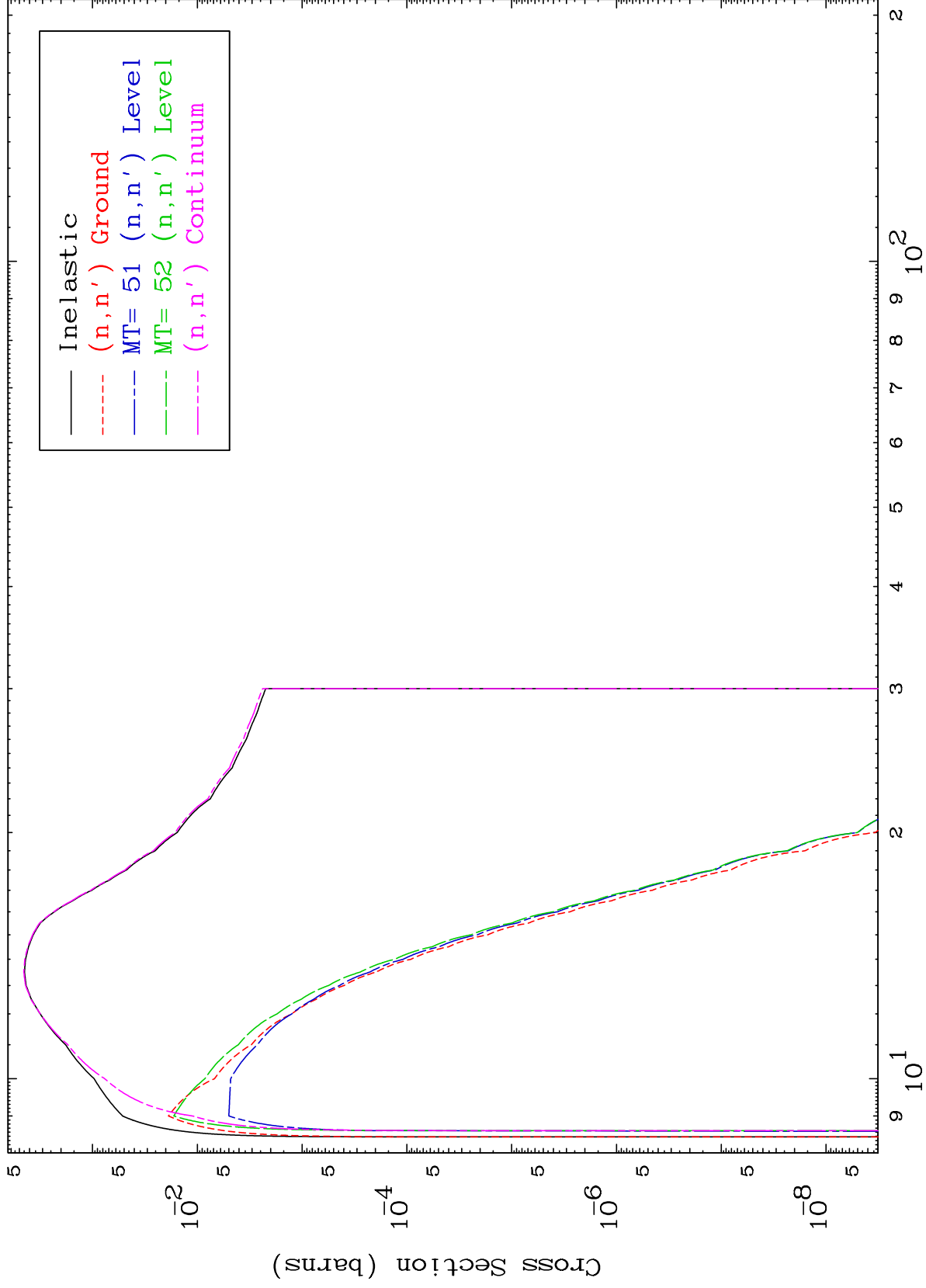
80-Hg-198



MAT 8031

$(\gamma, n')$  Levels  
0 Kelvin Cross Sections

80-Hg-198



5

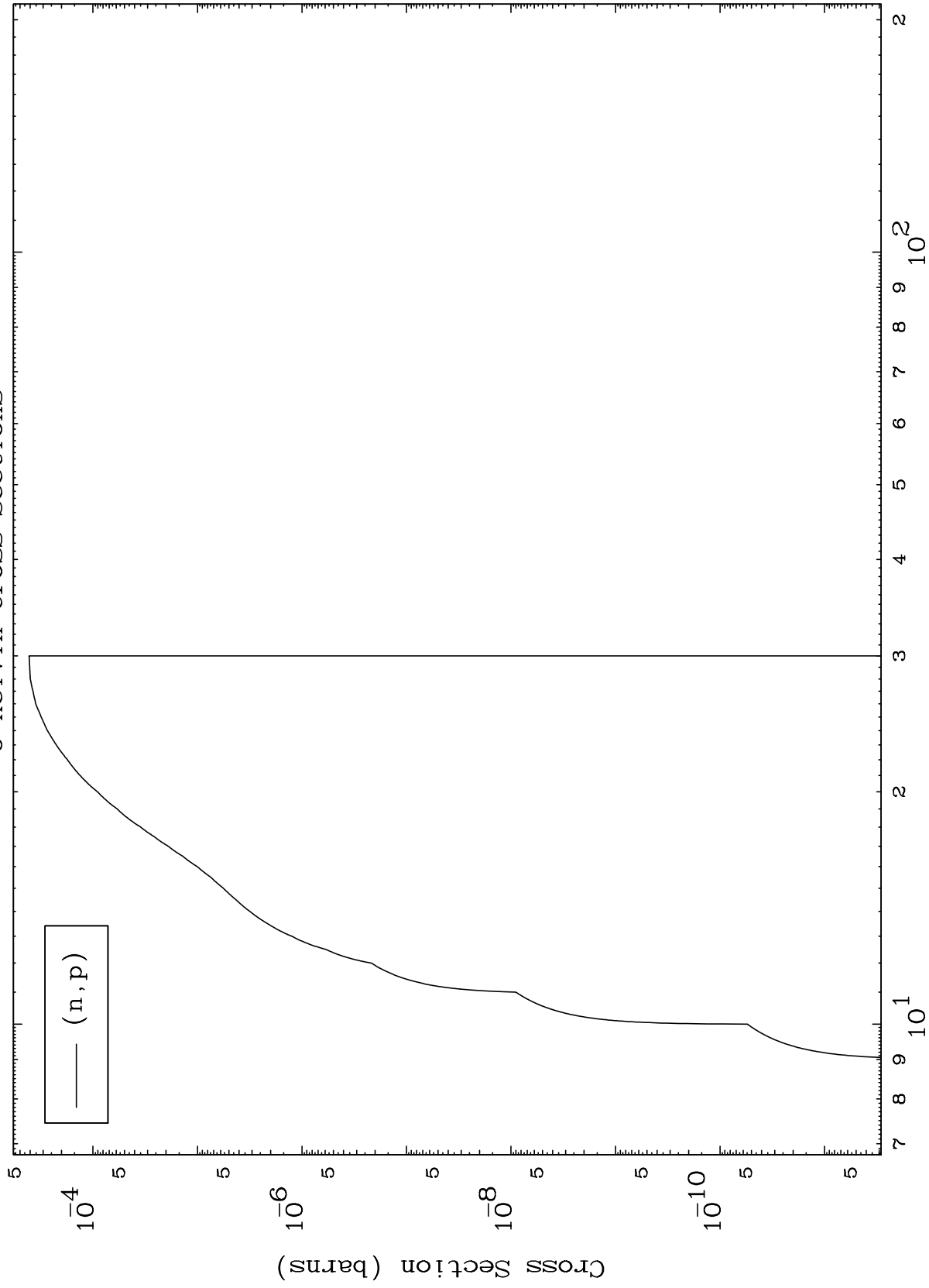
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



6

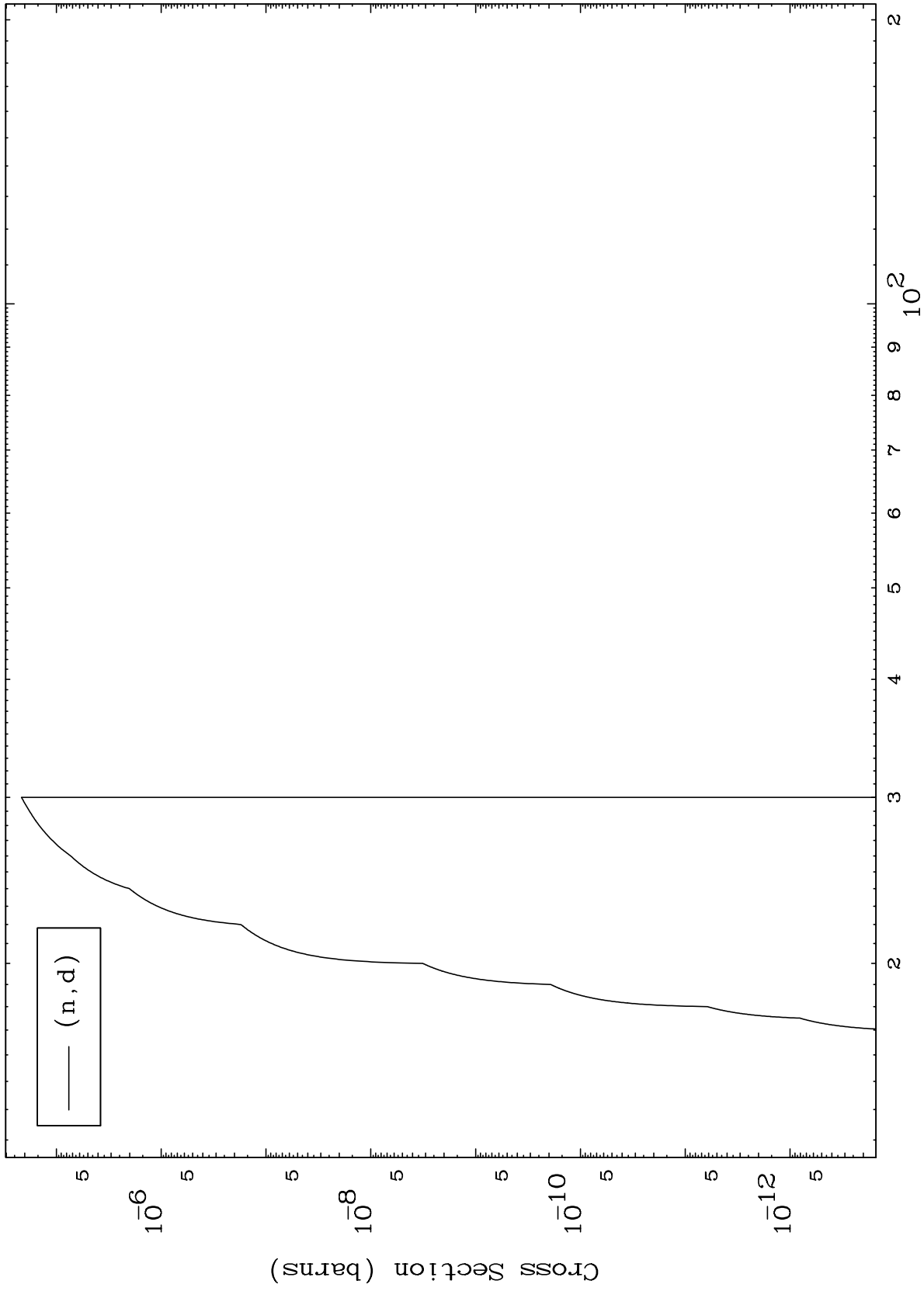
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



7

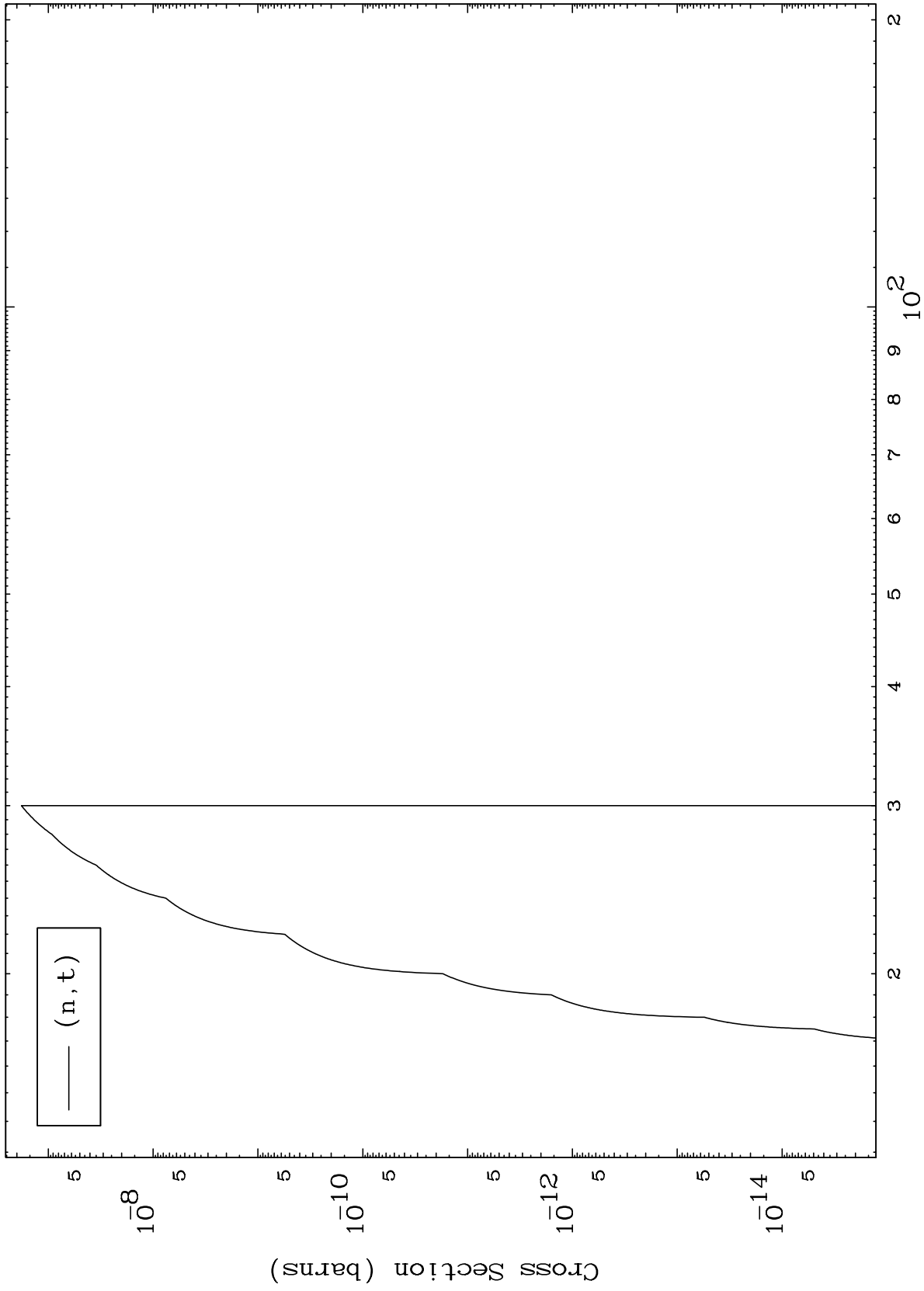
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198



8

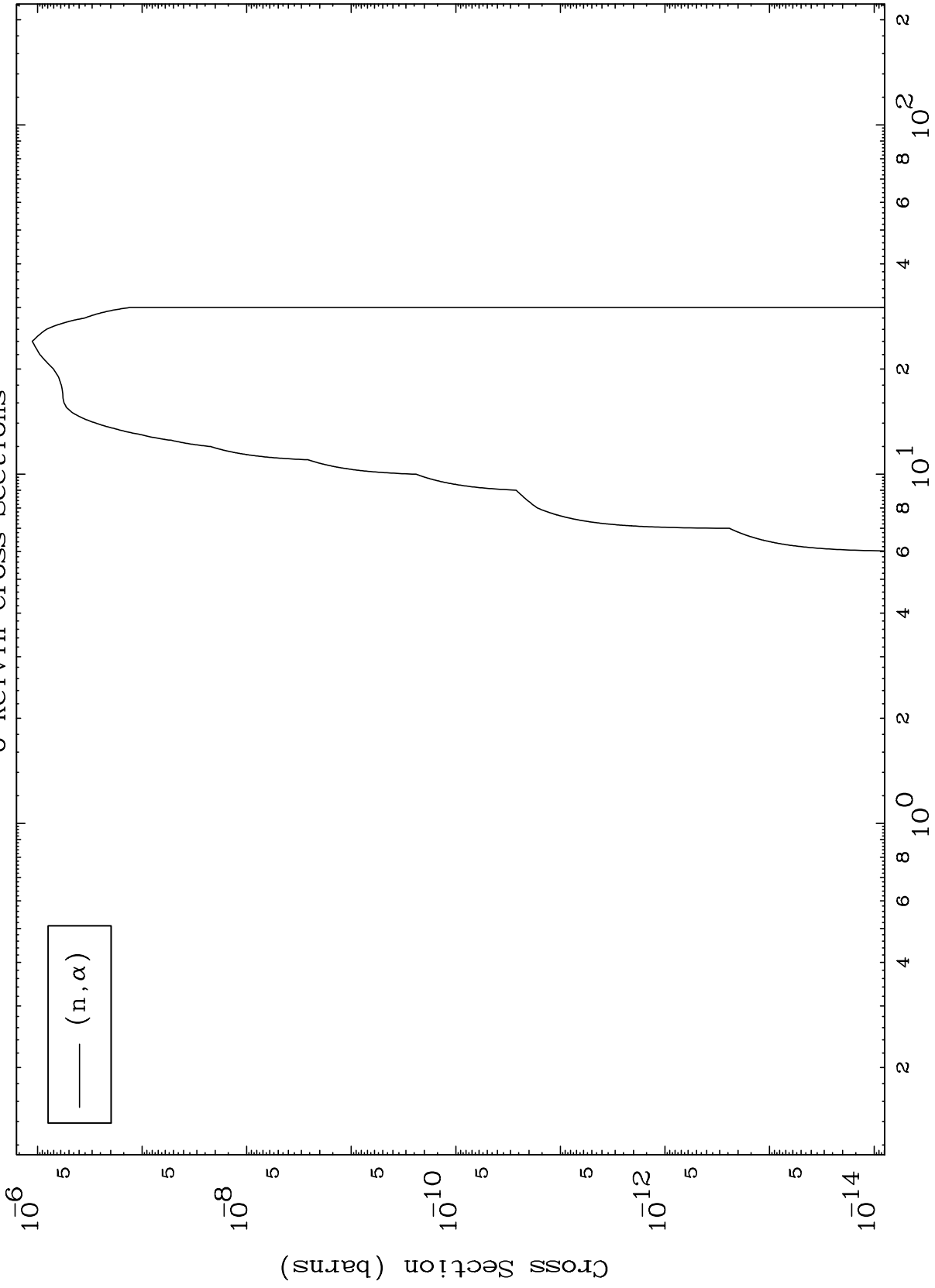
Incident Energy (MeV)

80-Hg-198

MAT 8031

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

80-Hg-198

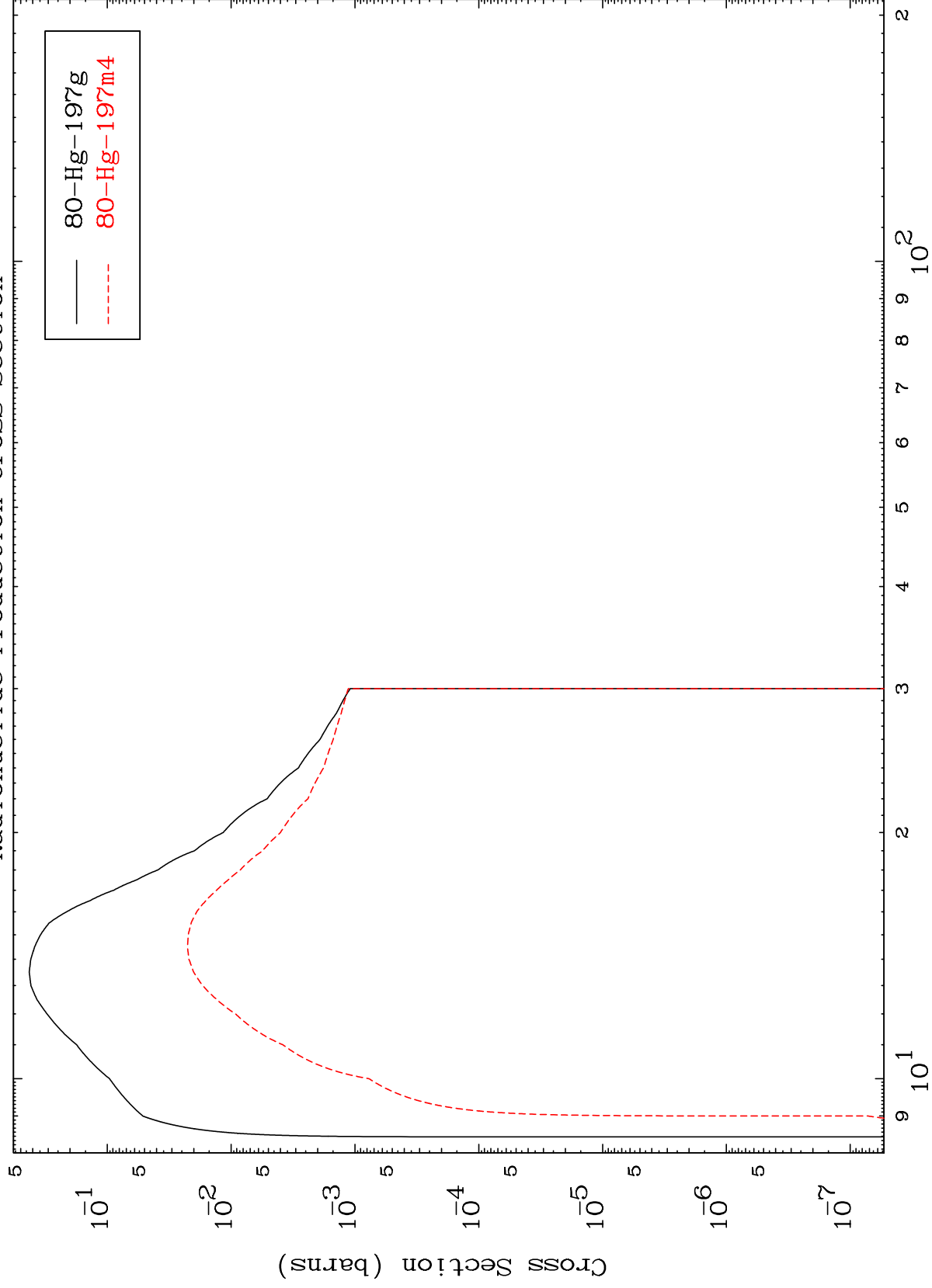


80-Hg-198

MAT 8031

Inelastic  
Radionuclide Production Cross Section

80-Hg-198



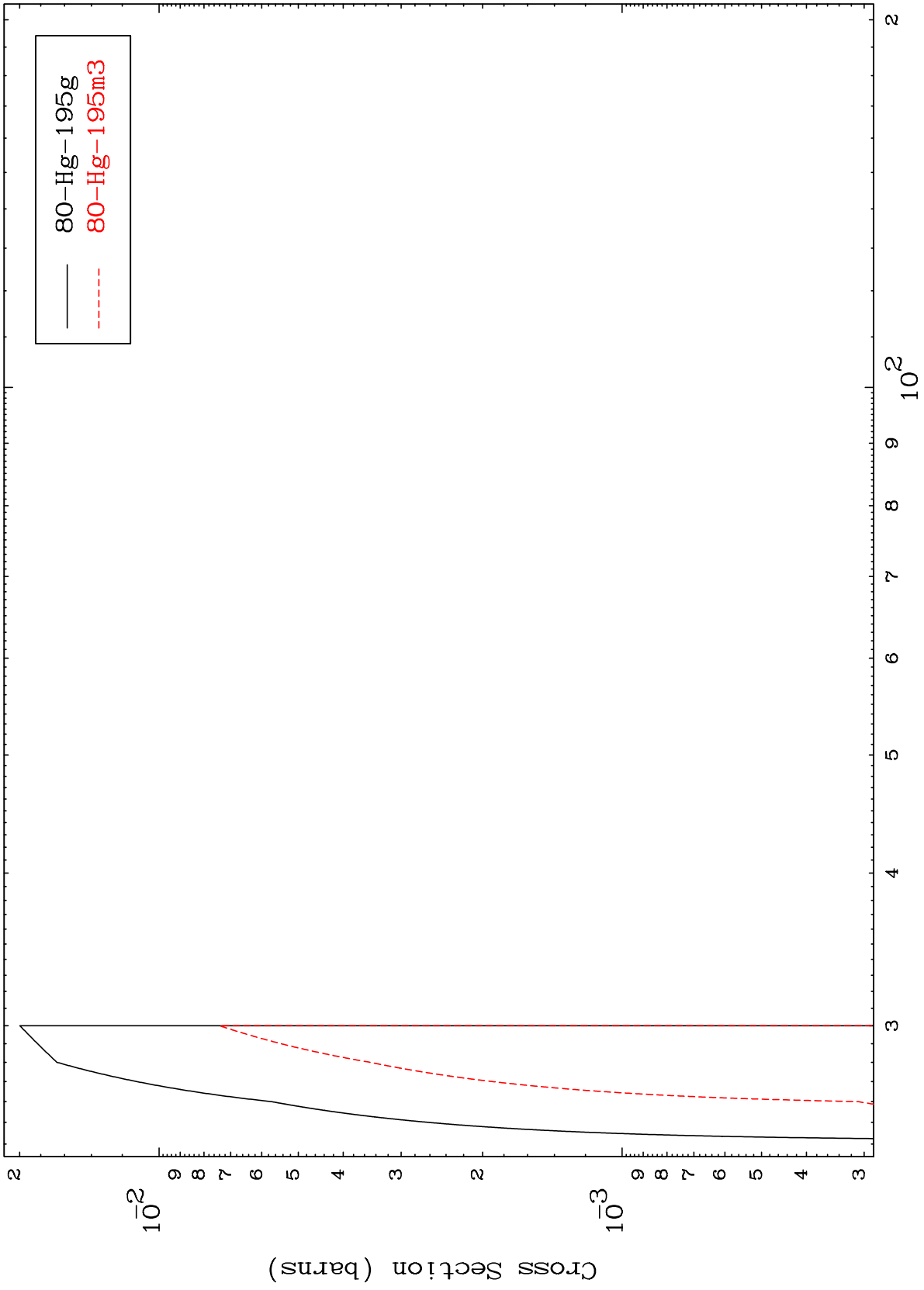
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

(n,3n)  
Radionuclide Production Cross Section



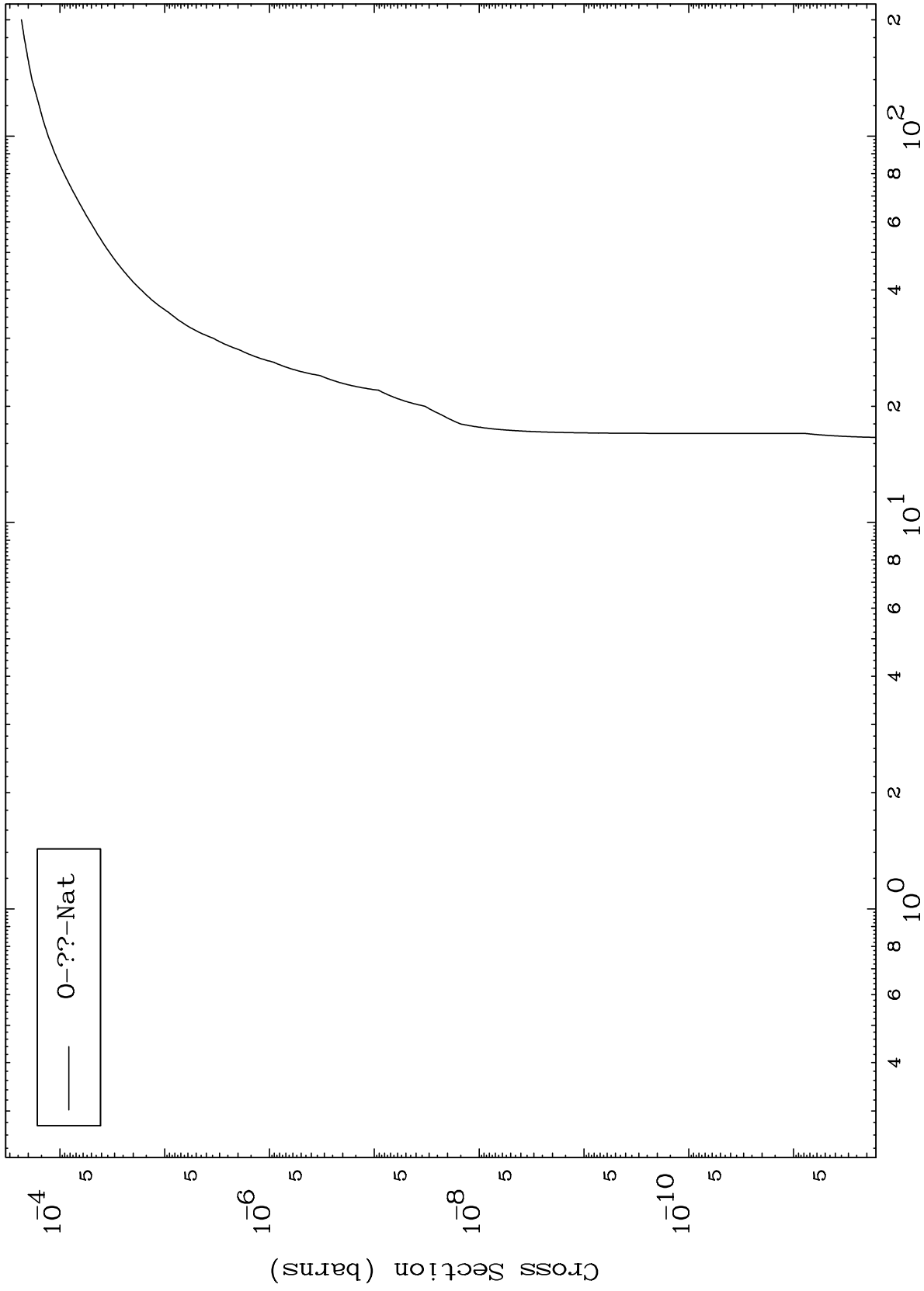
11

80-Hg-198

MAT 8031

Fission  
Radionuclide Production Cross Section

80-Hg-198



12

Incident Energy (MeV)

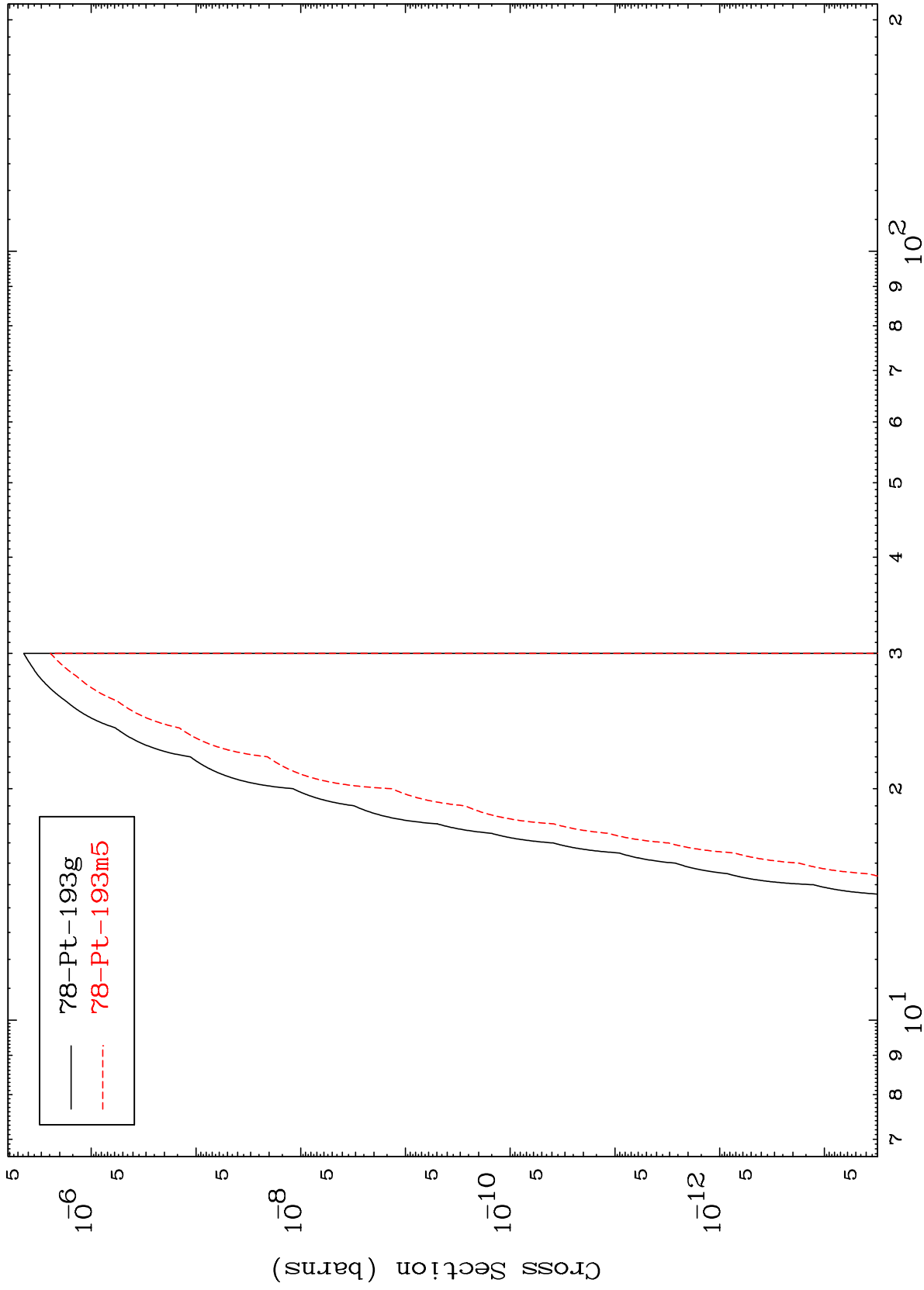
80-Hg-198

MAT 8031

(n,n')  $\alpha$

80-Hg-198

Radionuclide Production Cross Section



13

Incident Energy (MeV)

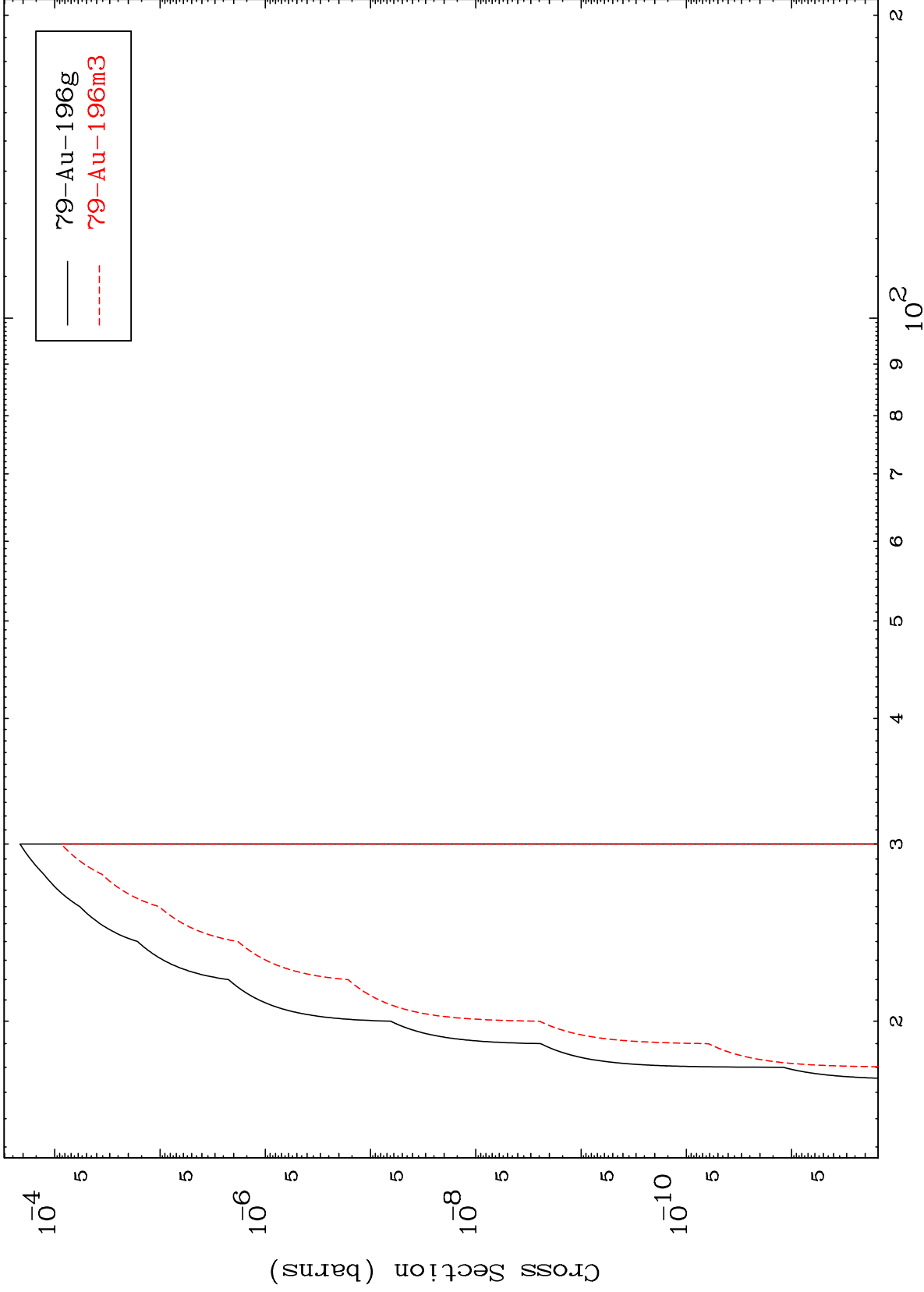
80-Hg-198

MAT 8031

(n,n') p

80-Hg-198

Radionuclide Production Cross Section



14

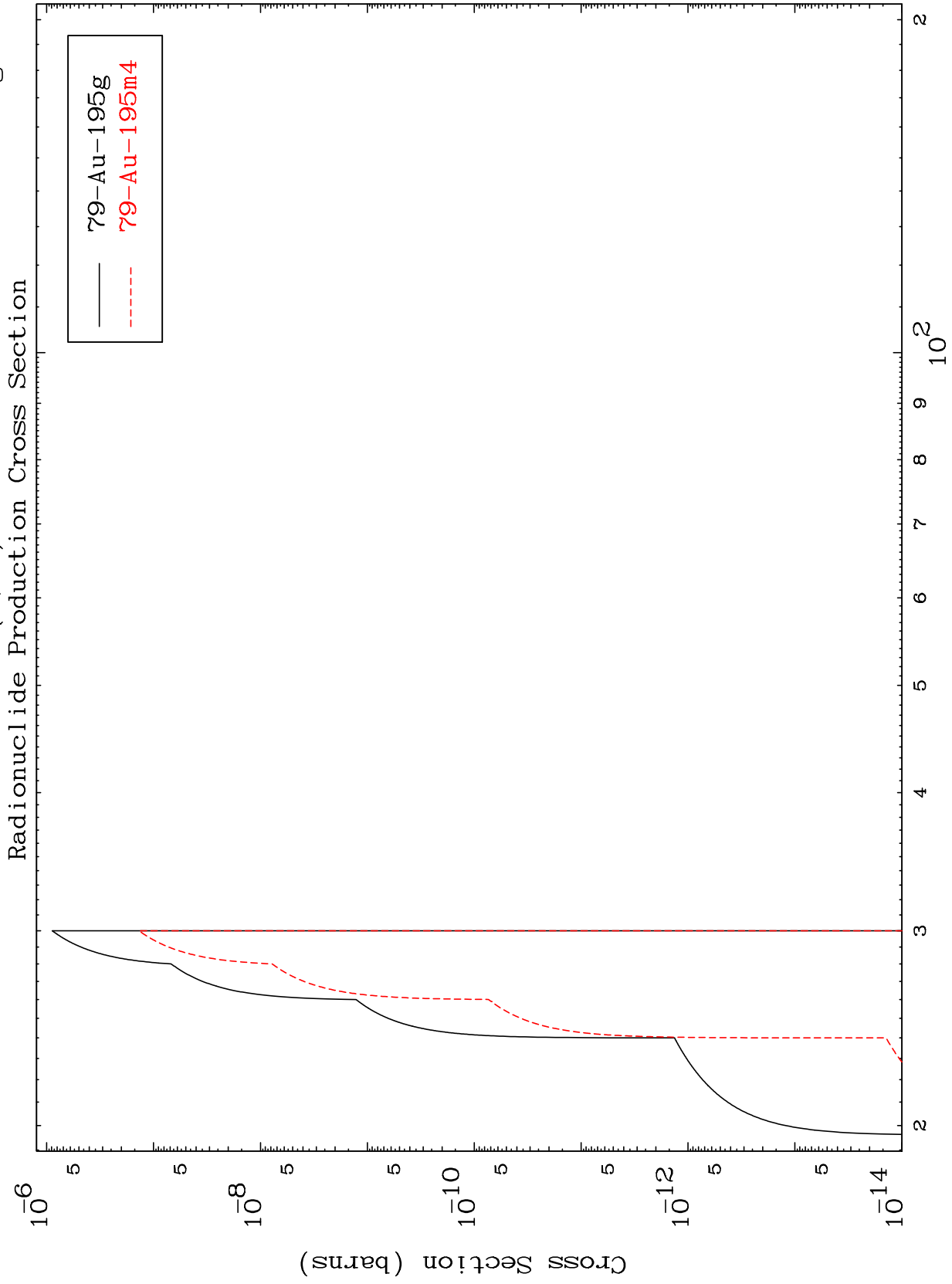
Incident Energy (MeV)

80-Hg-198

MAT 8031

(n,n') d

80-Hg-198



15

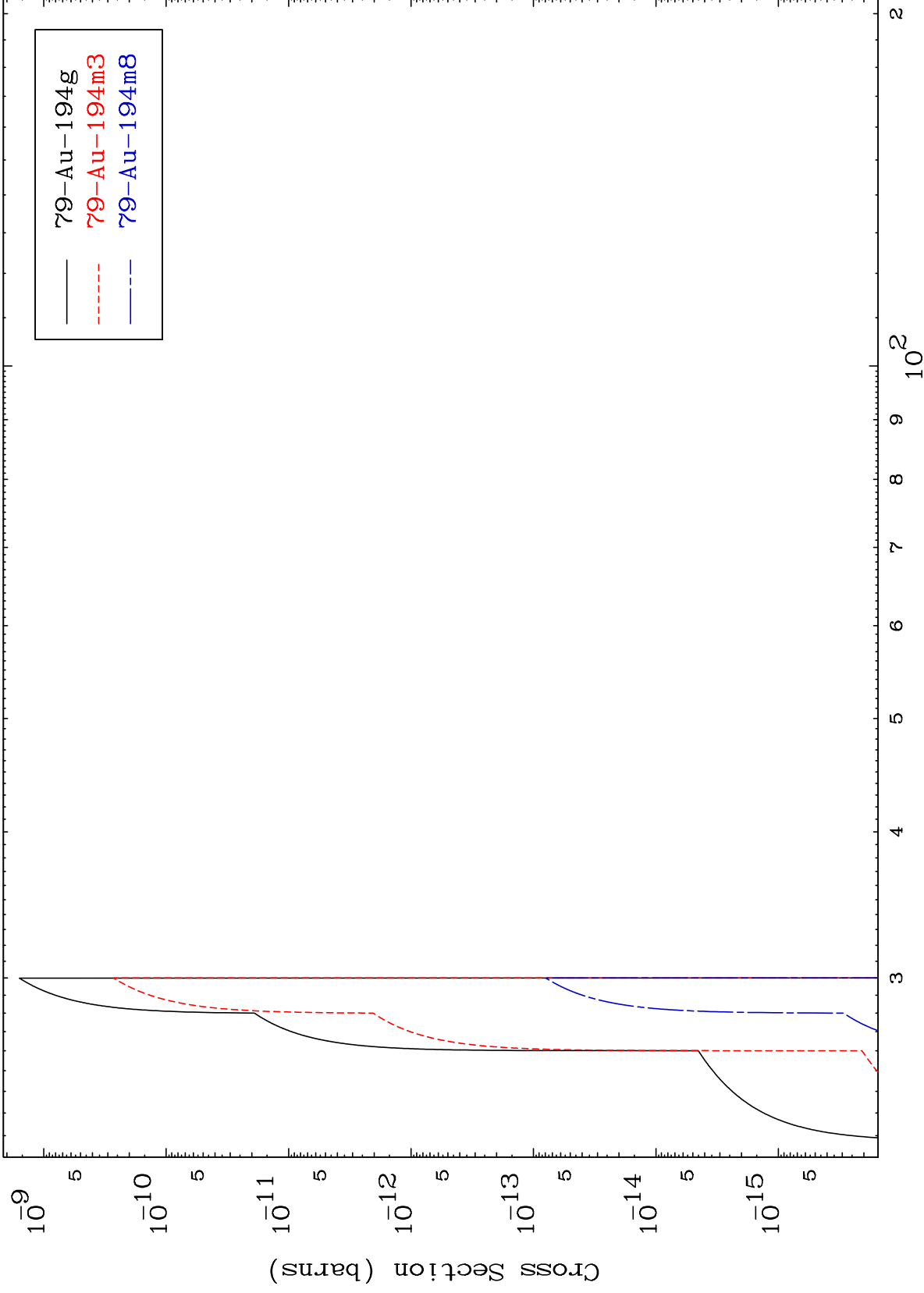
80-Hg-198

MAT 8031

(n,n') t

80-Hg-198

Radionuclide Production Cross Section



16

Incident Energy (MeV)

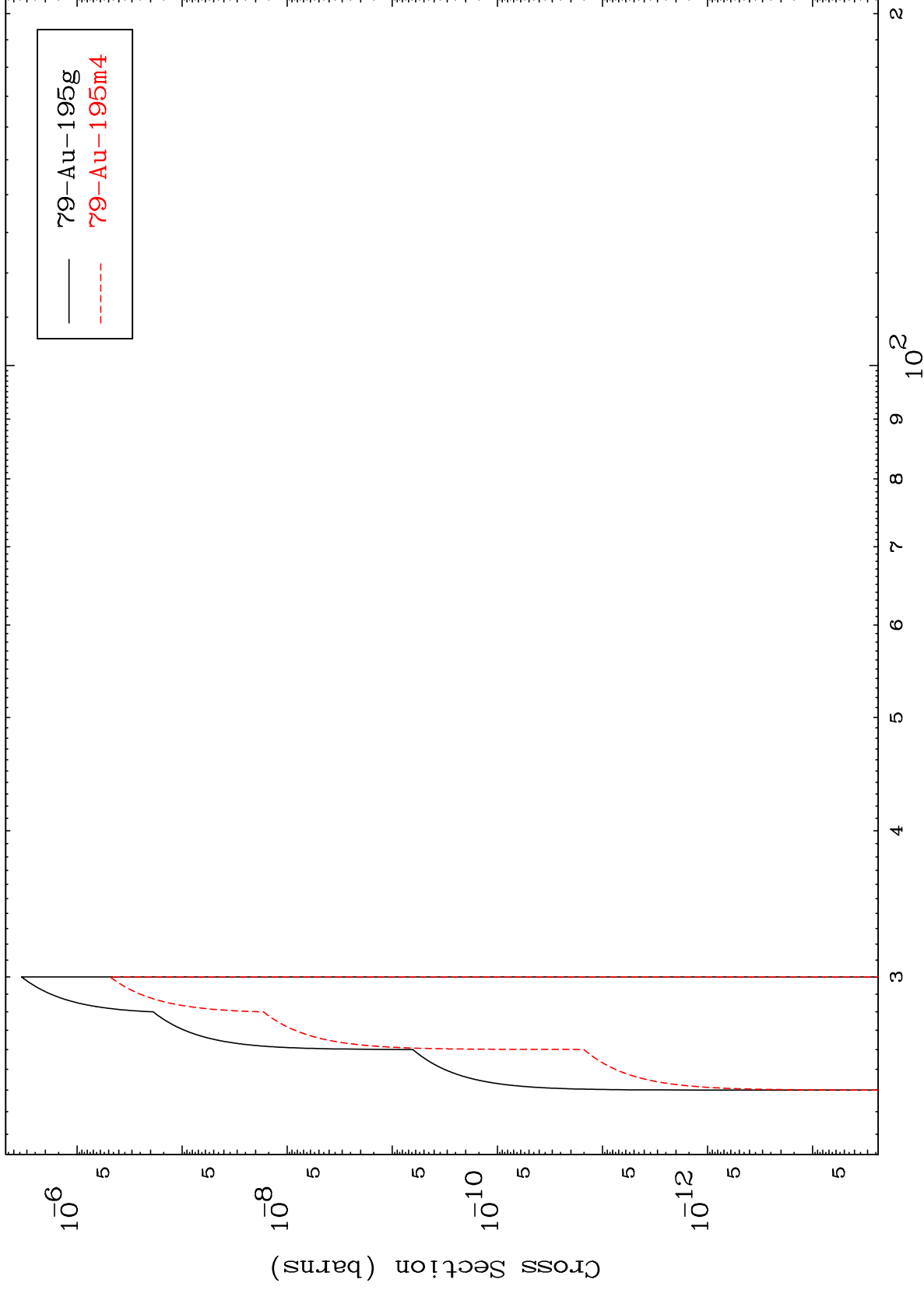
80-Hg-198

MAT 8031

(n,2n) p

80-Hg-198

Radionuclide Production Cross Section



17

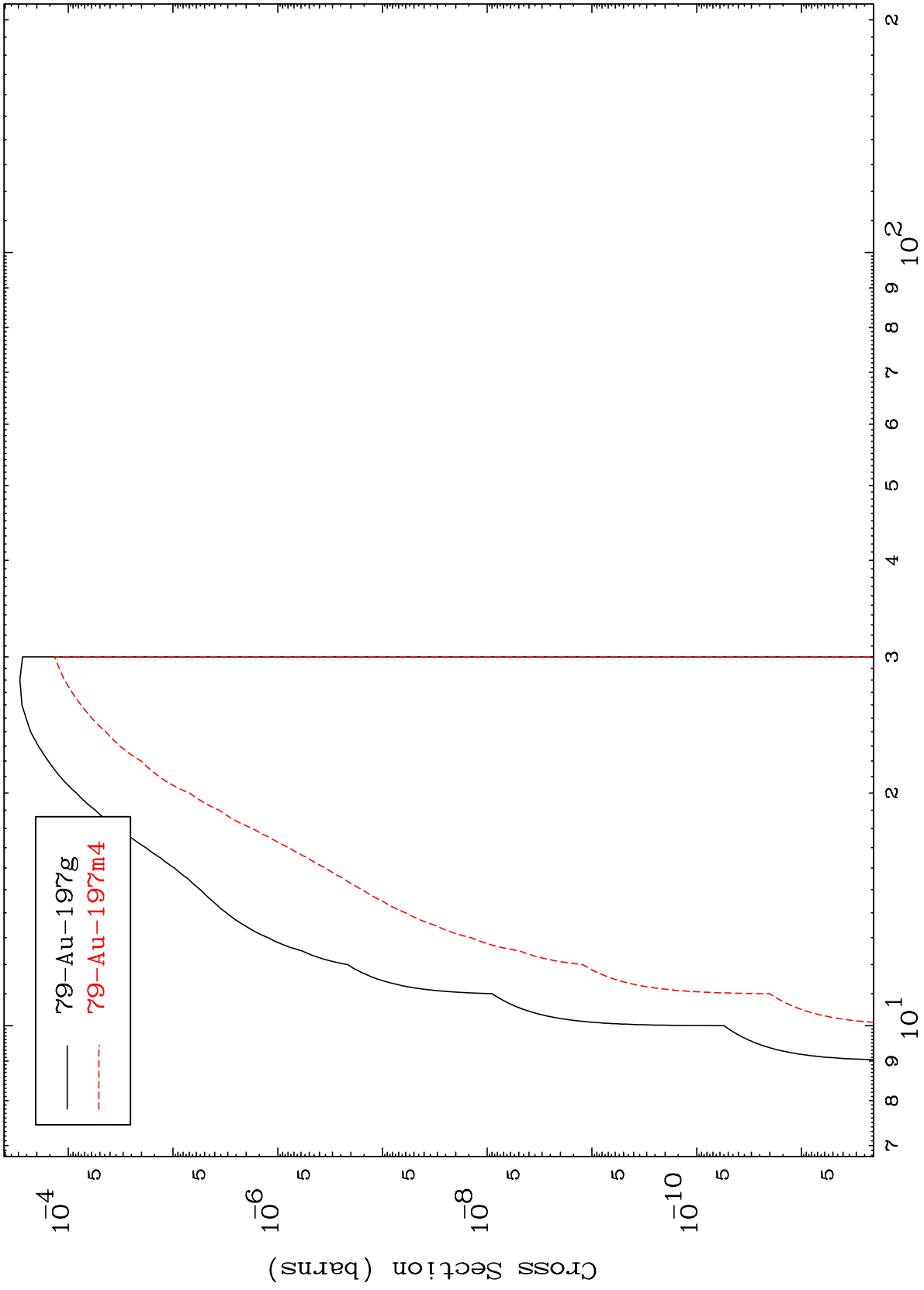
Incident Energy (MeV)

80-Hg-198

MAT 8031

Radionuclide Production Cross Section  
(n,p)

80-Hg-198



18

Incident Energy (MeV)

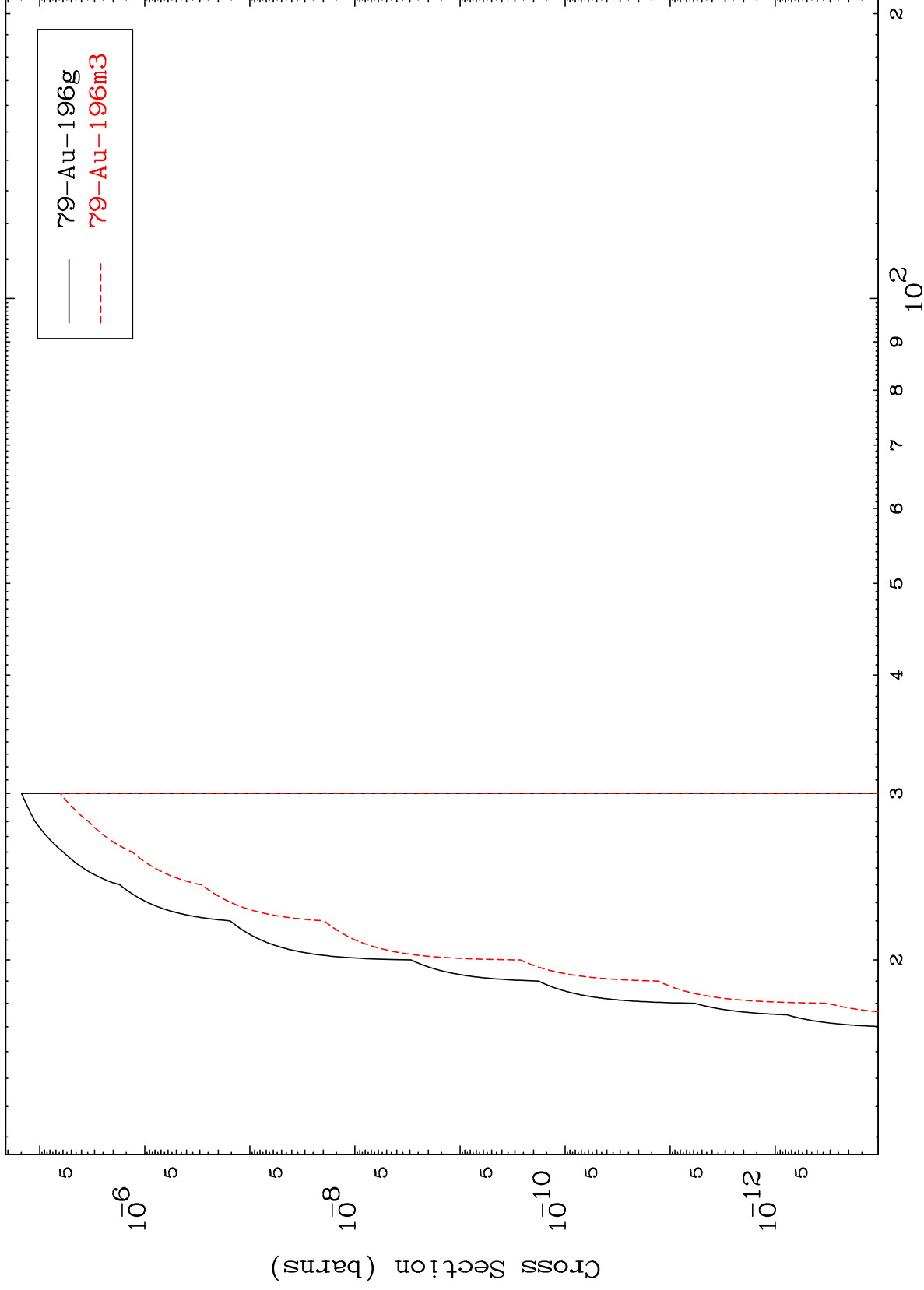
80-Hg-198

MAT 8031

(n,d)

80-Hg-198

Radionuclide Production Cross Section



19

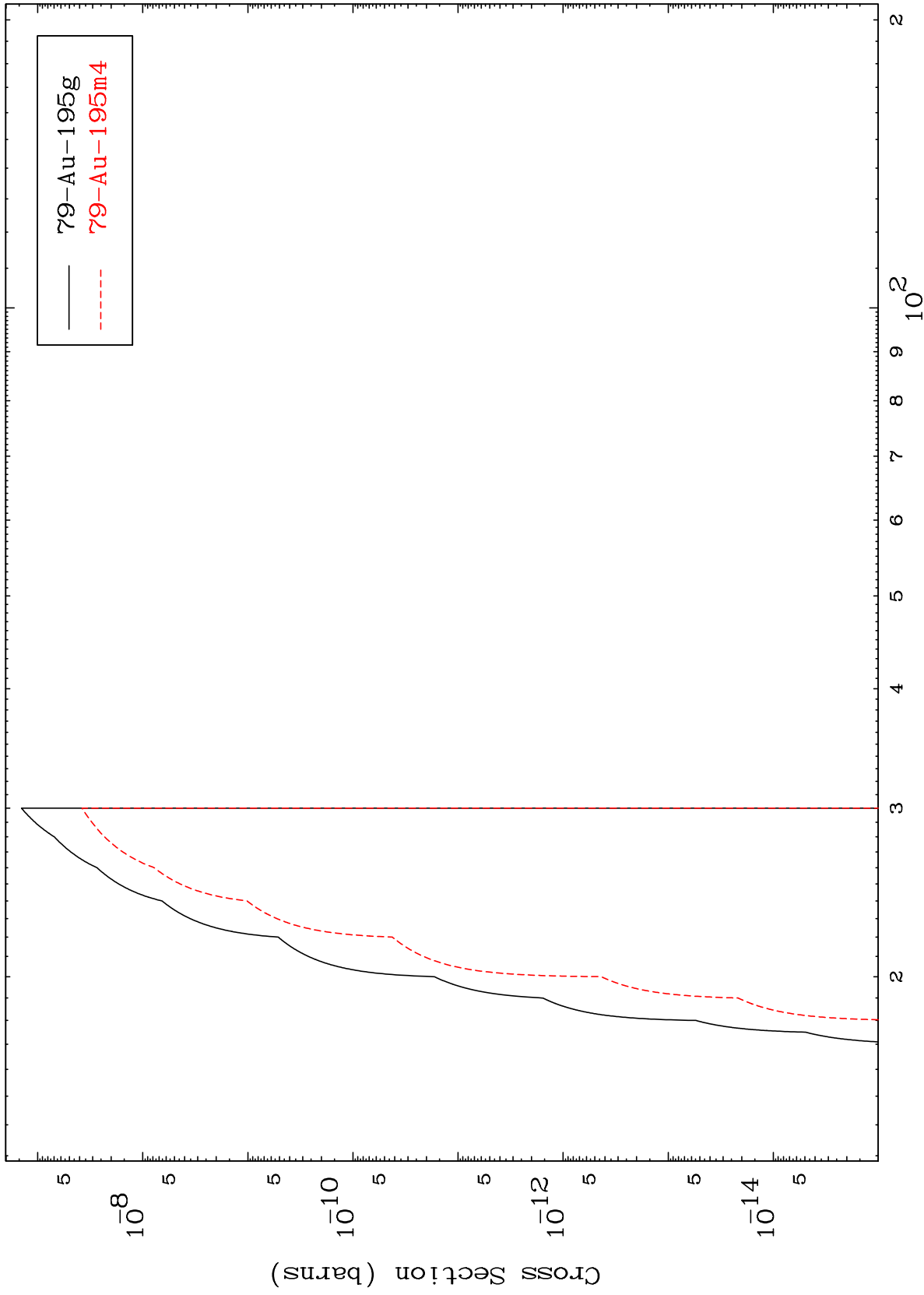
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

(n, t)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

80-Hg-198