

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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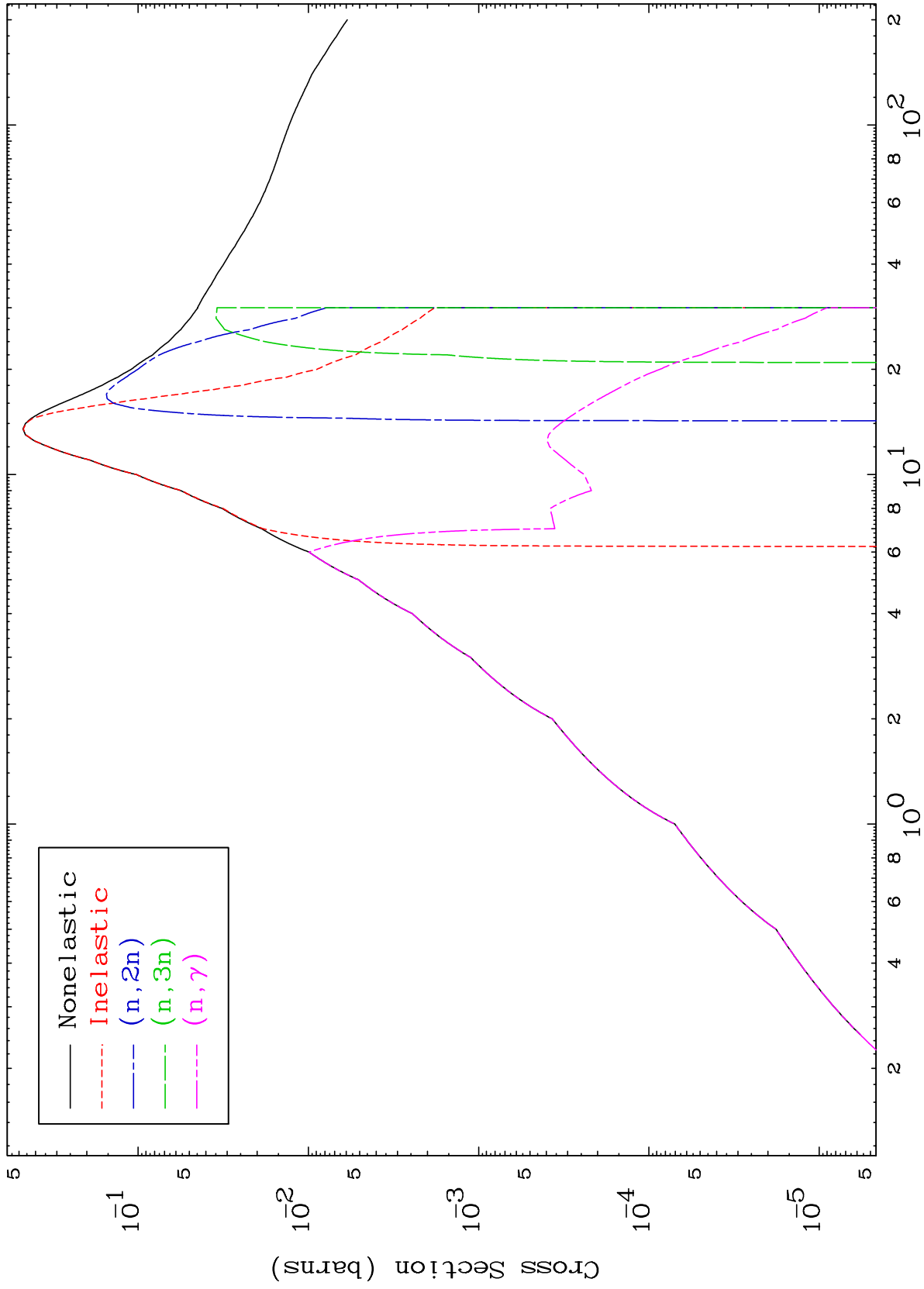
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8040

0 Kelvin Major  
Photon Cross Sections

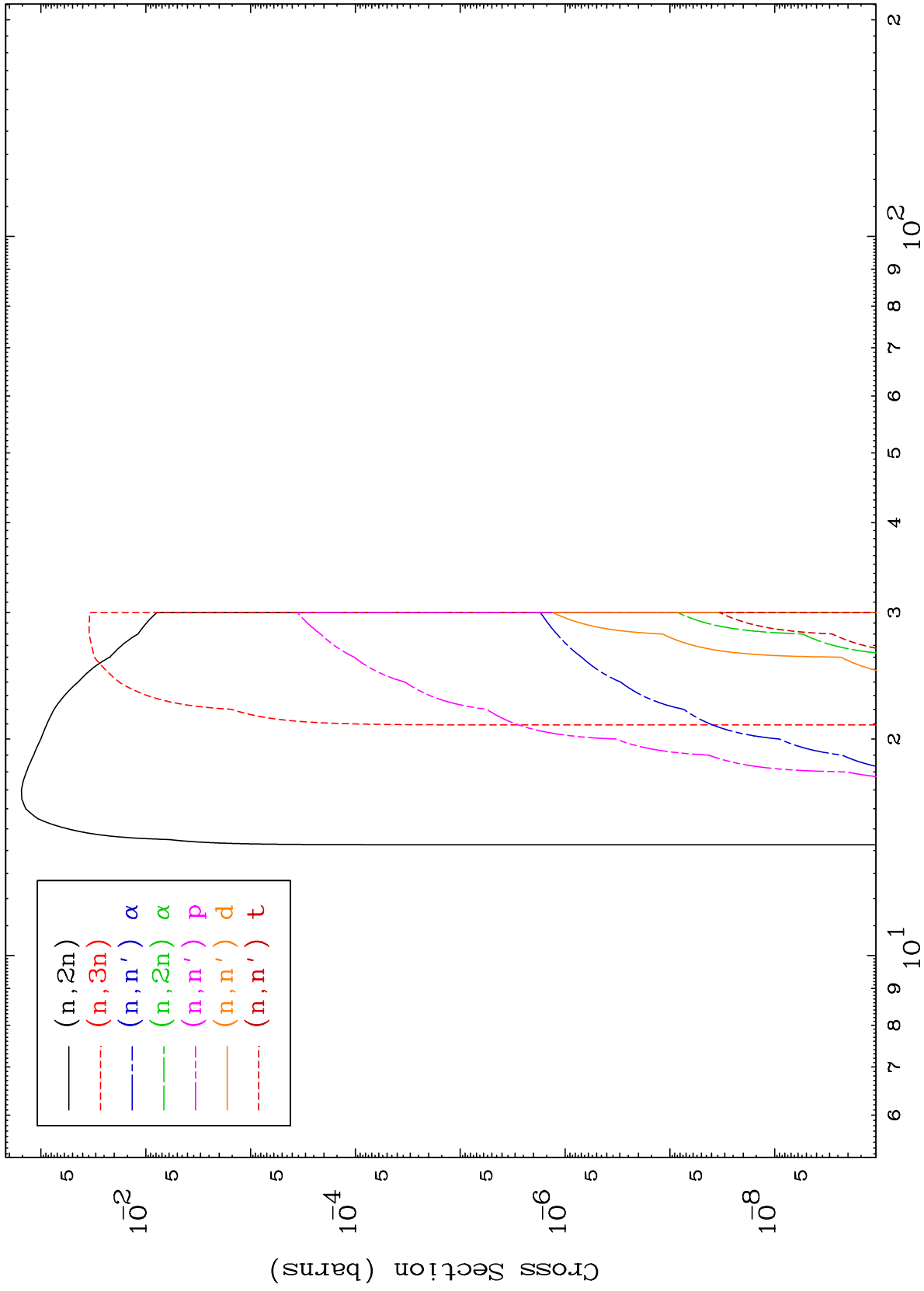
80-Hg-201



MAT 8040

Photon Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-201



2

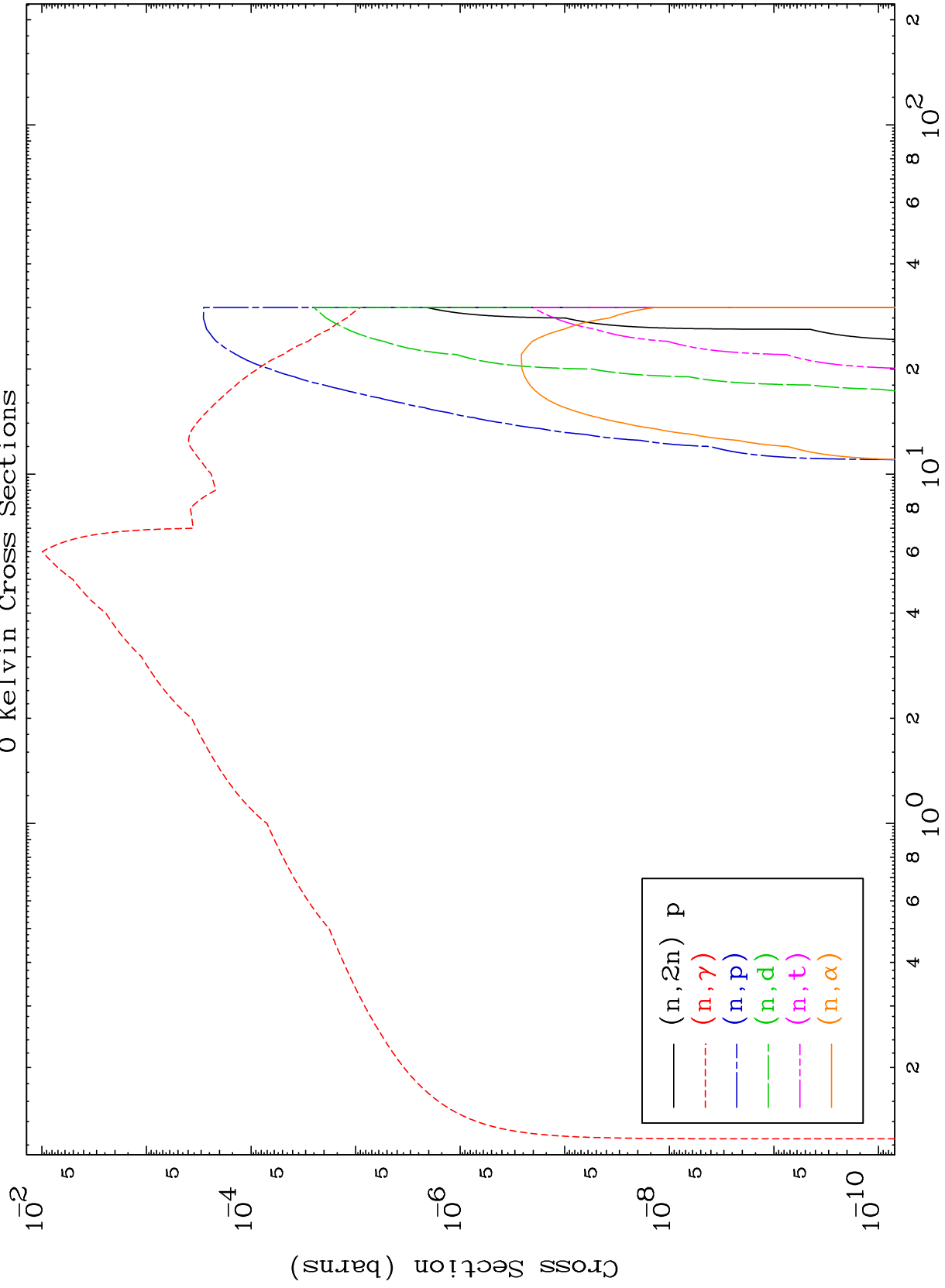
Incident Energy (MeV)

80-Hg-201

MAT 8040

Photon Neutron Absorption  
0 Kelvin Cross Sections

80-Hg-201



3

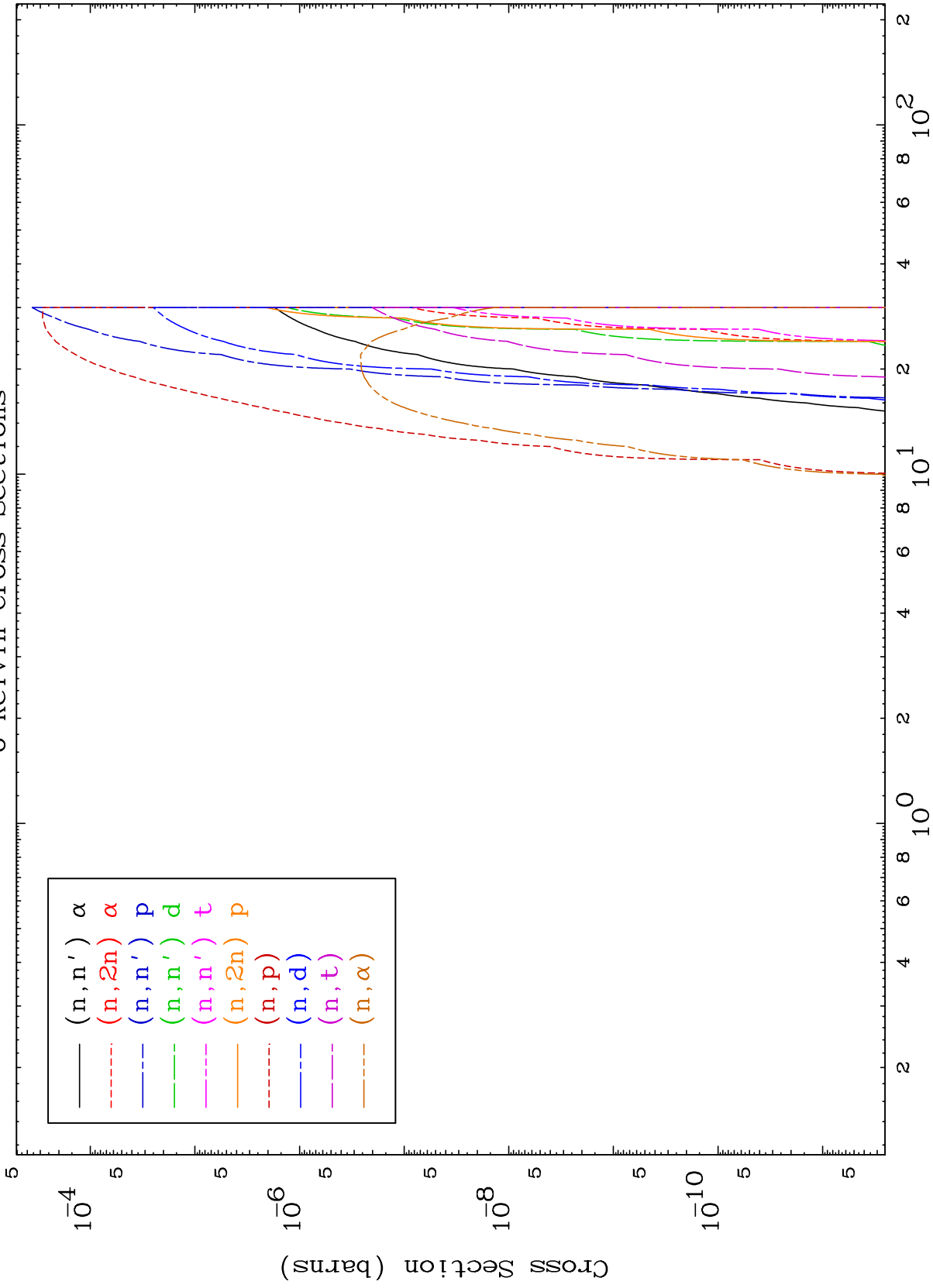
Incident Energy (MeV)

80-Hg-201

MAT 8040

Photon Charged Particle  
0 Kelvin Cross Sections

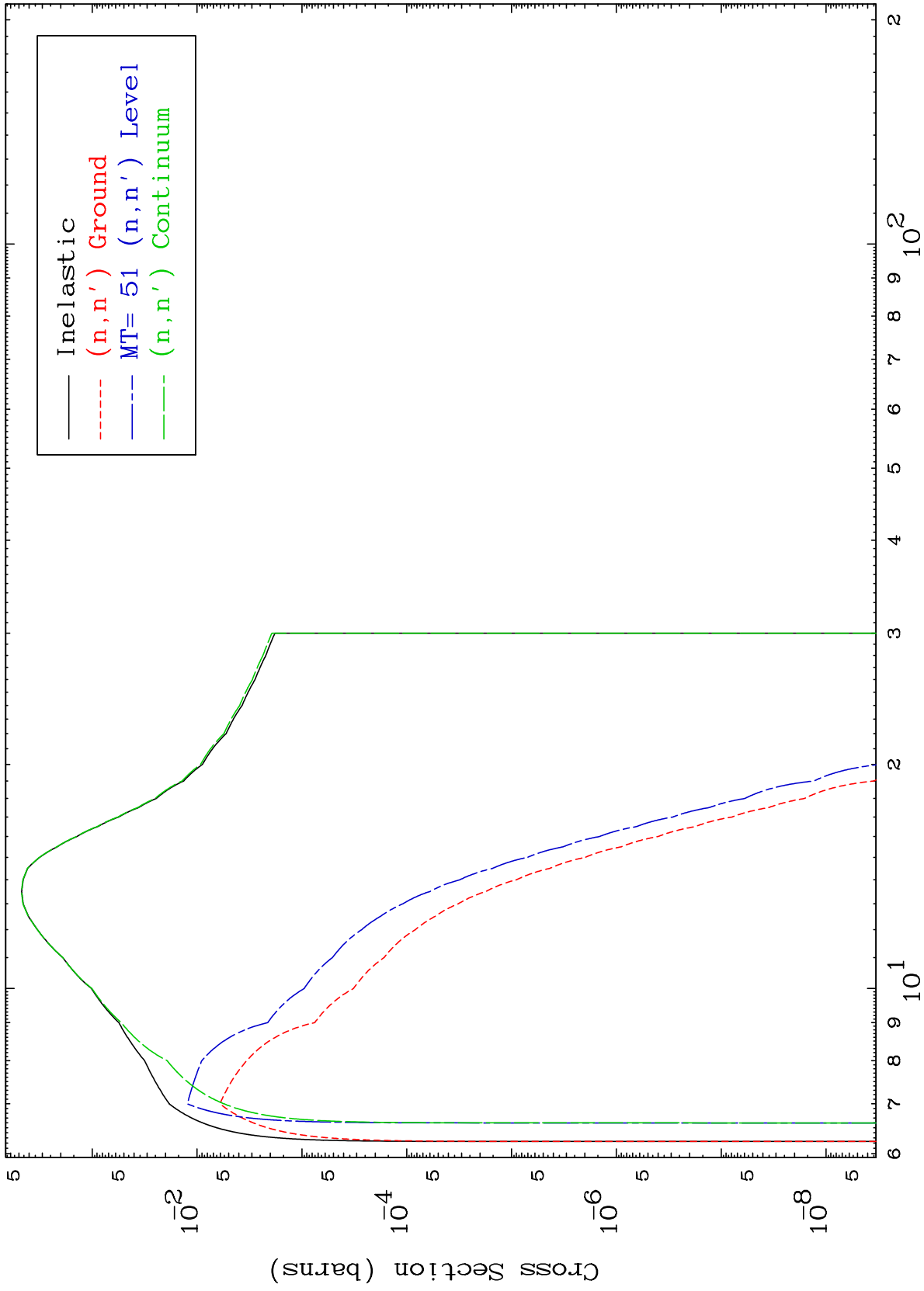
80-Hg-201



MAT 8040

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

80-Hg-201



Inelastic  
( $n, n'$ ) Ground  
MT= 51 ( $n, n'$ ) Level  
( $n, n'$ ) Continuum

5

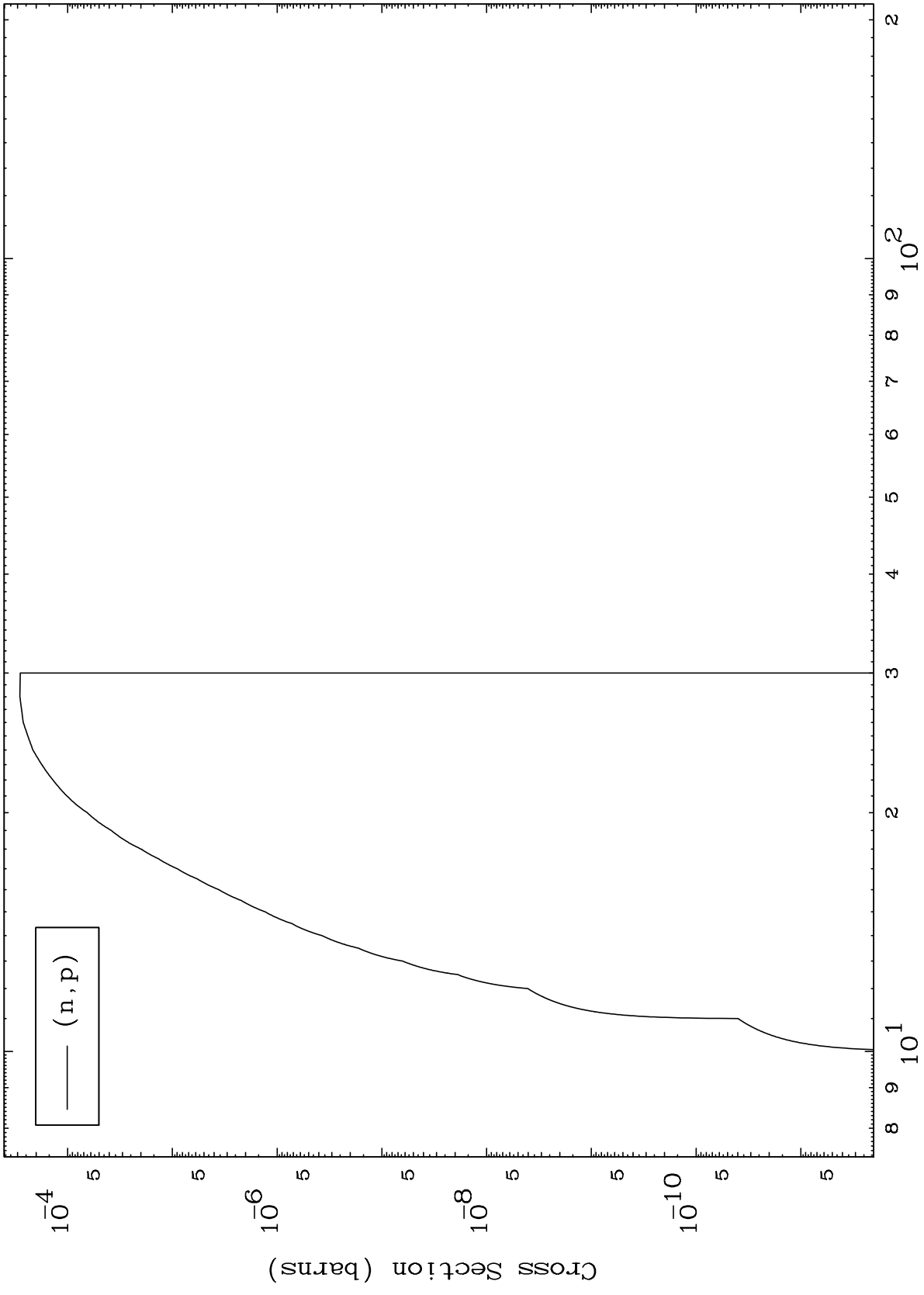
Incident Energy (MeV)

80-Hg-201

MAT 8040

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

80-Hg-201



6

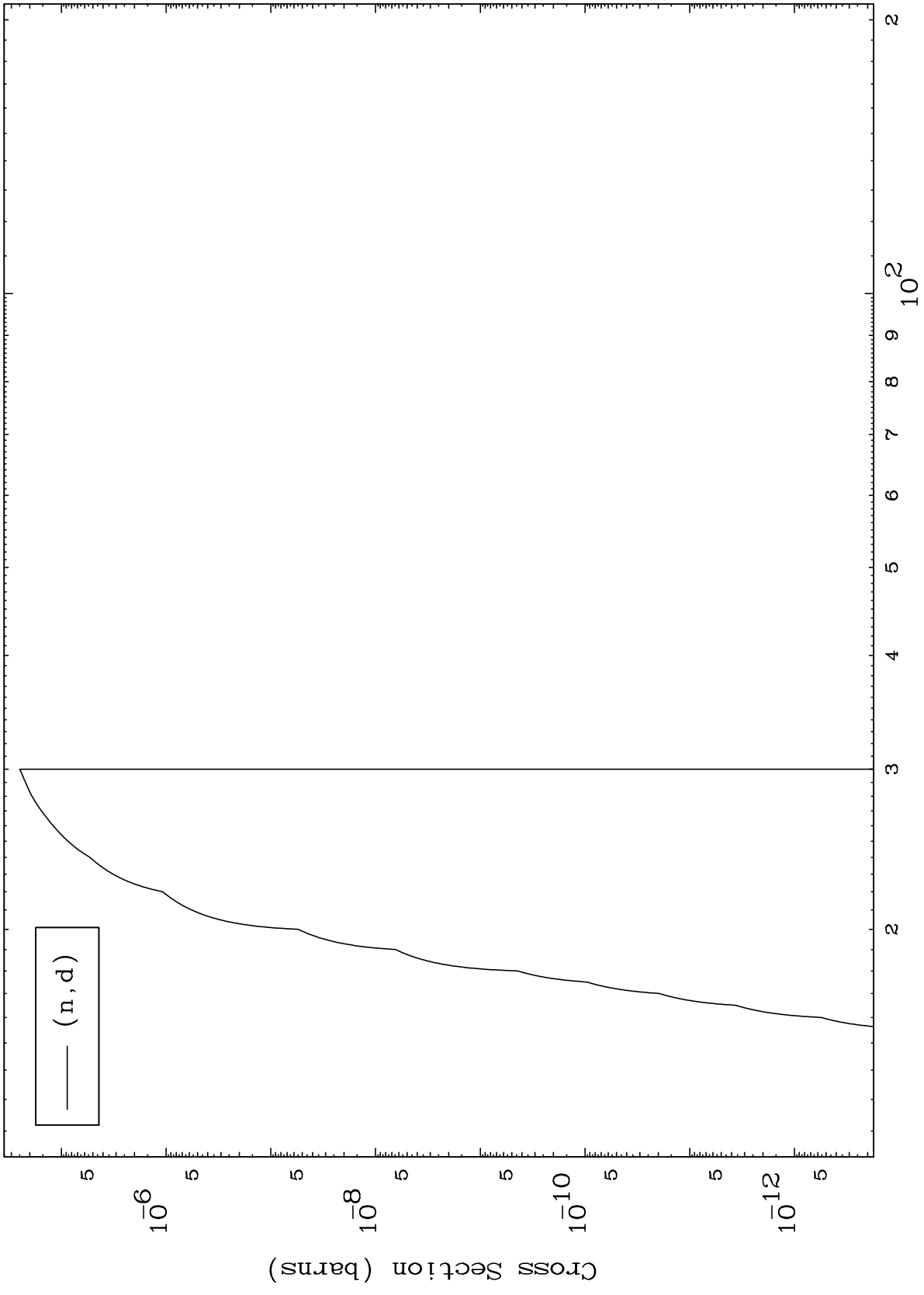
Incident Energy (MeV)

80-Hg-201

MAT 8040

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

80-Hg-201



7

Incident Energy (MeV)

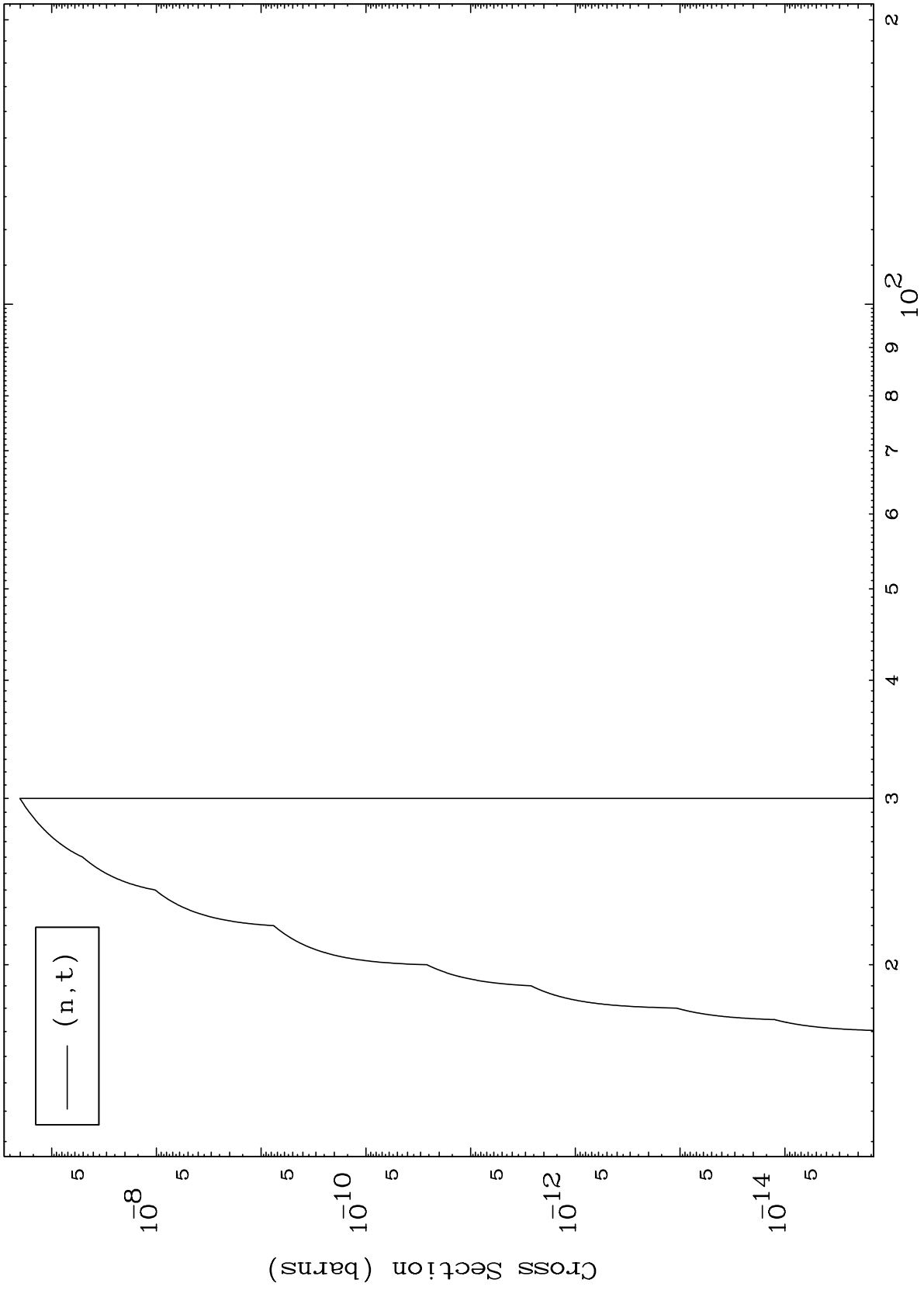
80-Hg-201



MAT 8040

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

80-Hg-201



8

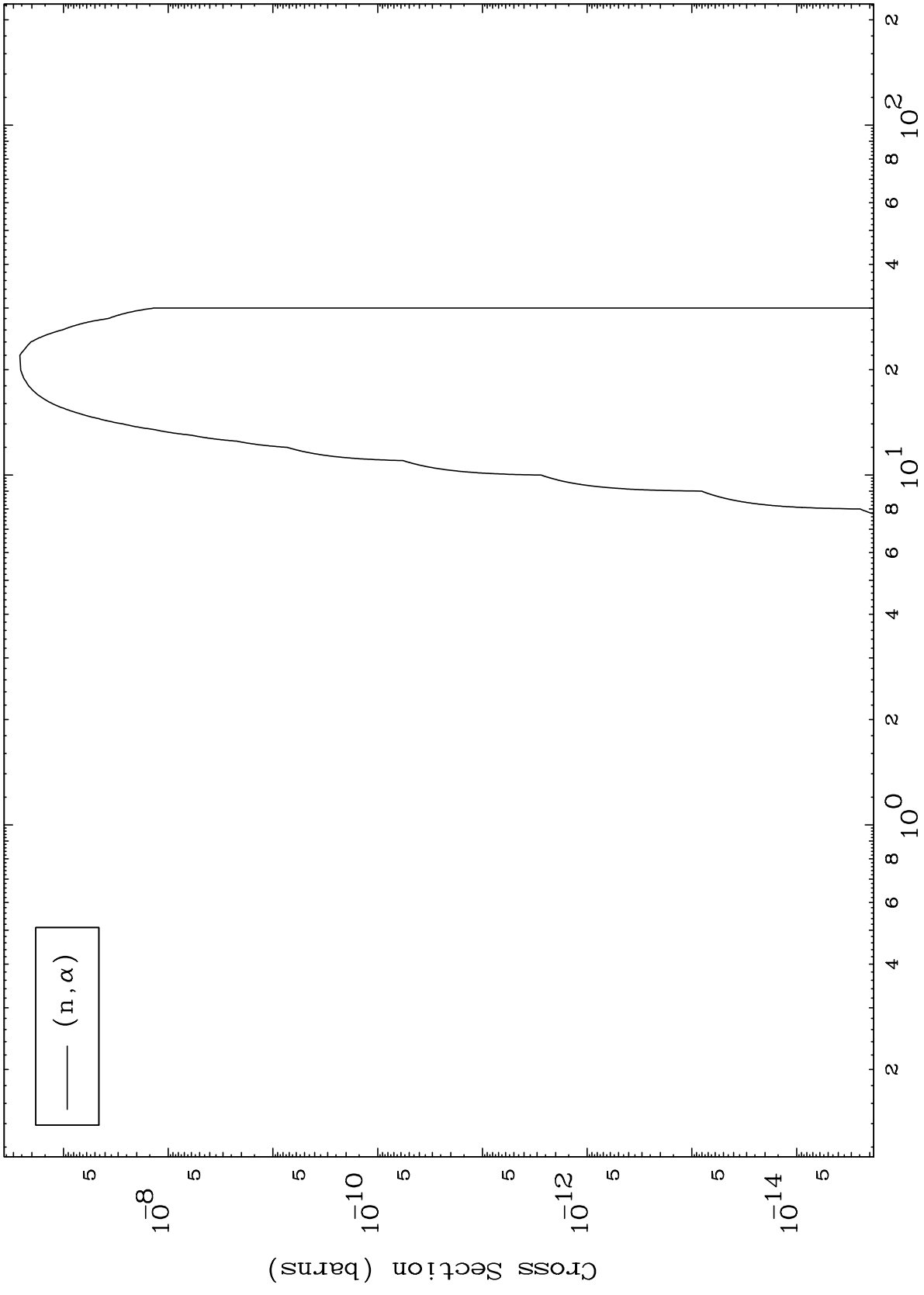
Incident Energy (MeV)

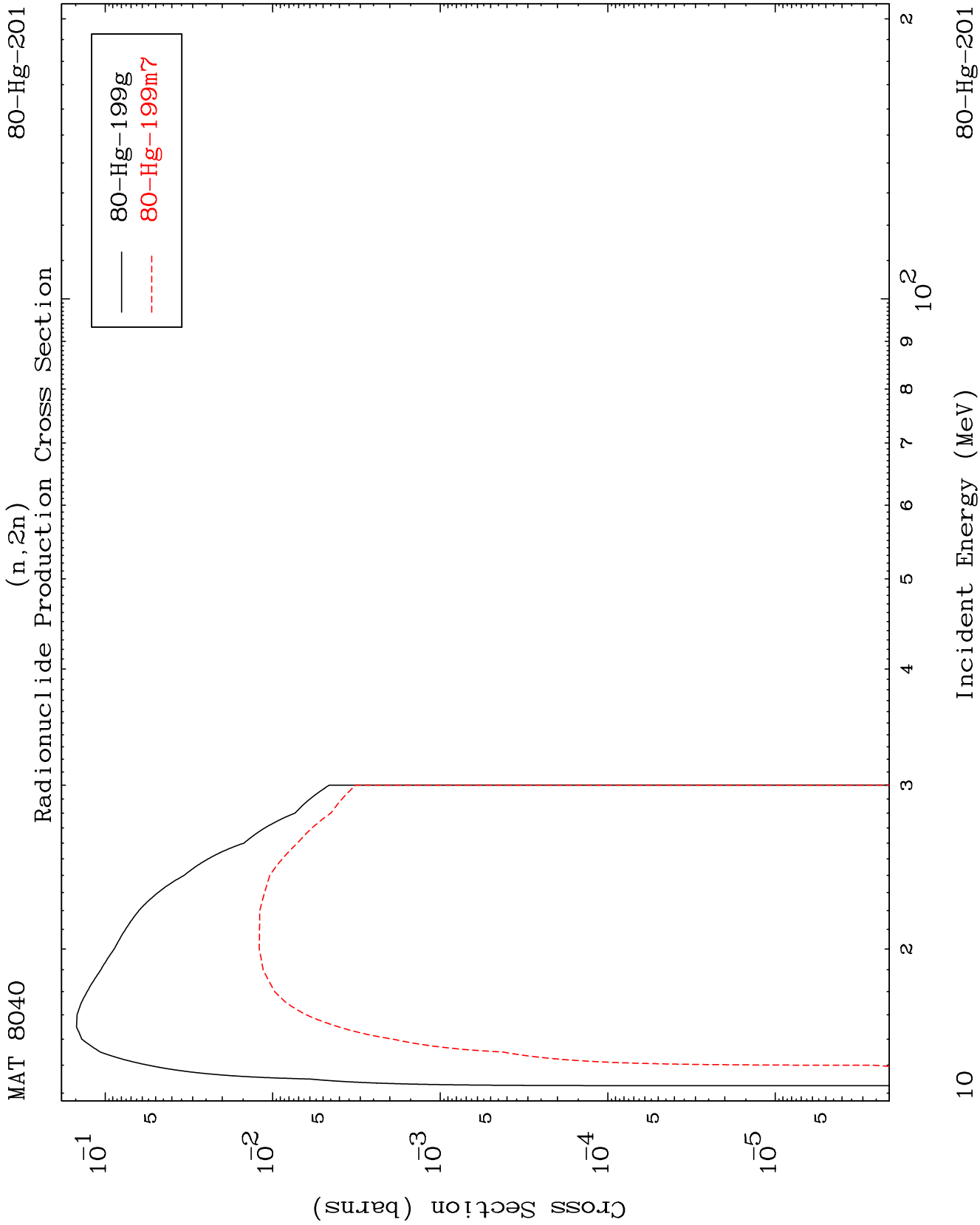
80-Hg-201

MAT 8040

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

80-Hg-201

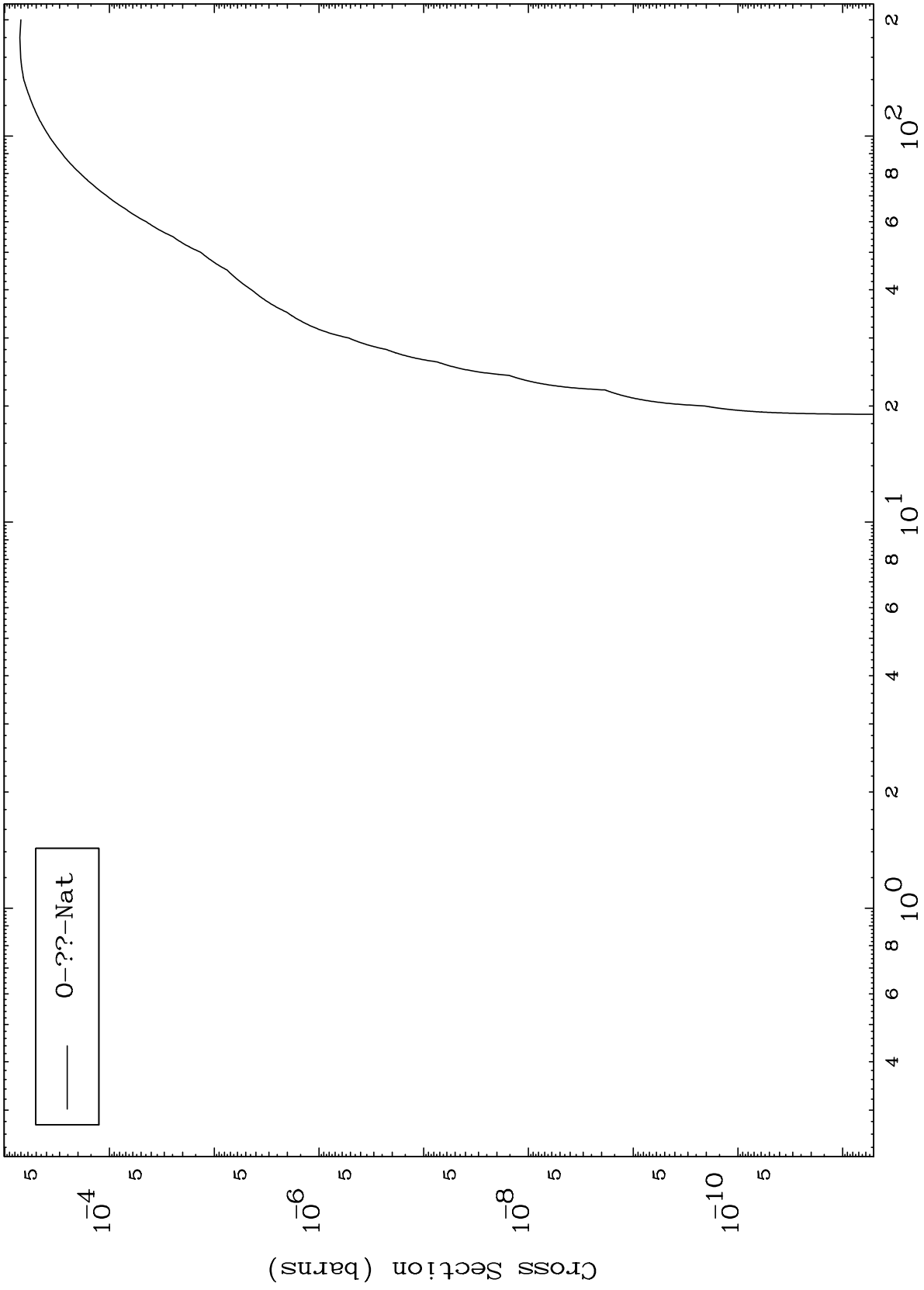




MAT 8040

Fission  
Radionuclide Production Cross Section

80-Hg-201

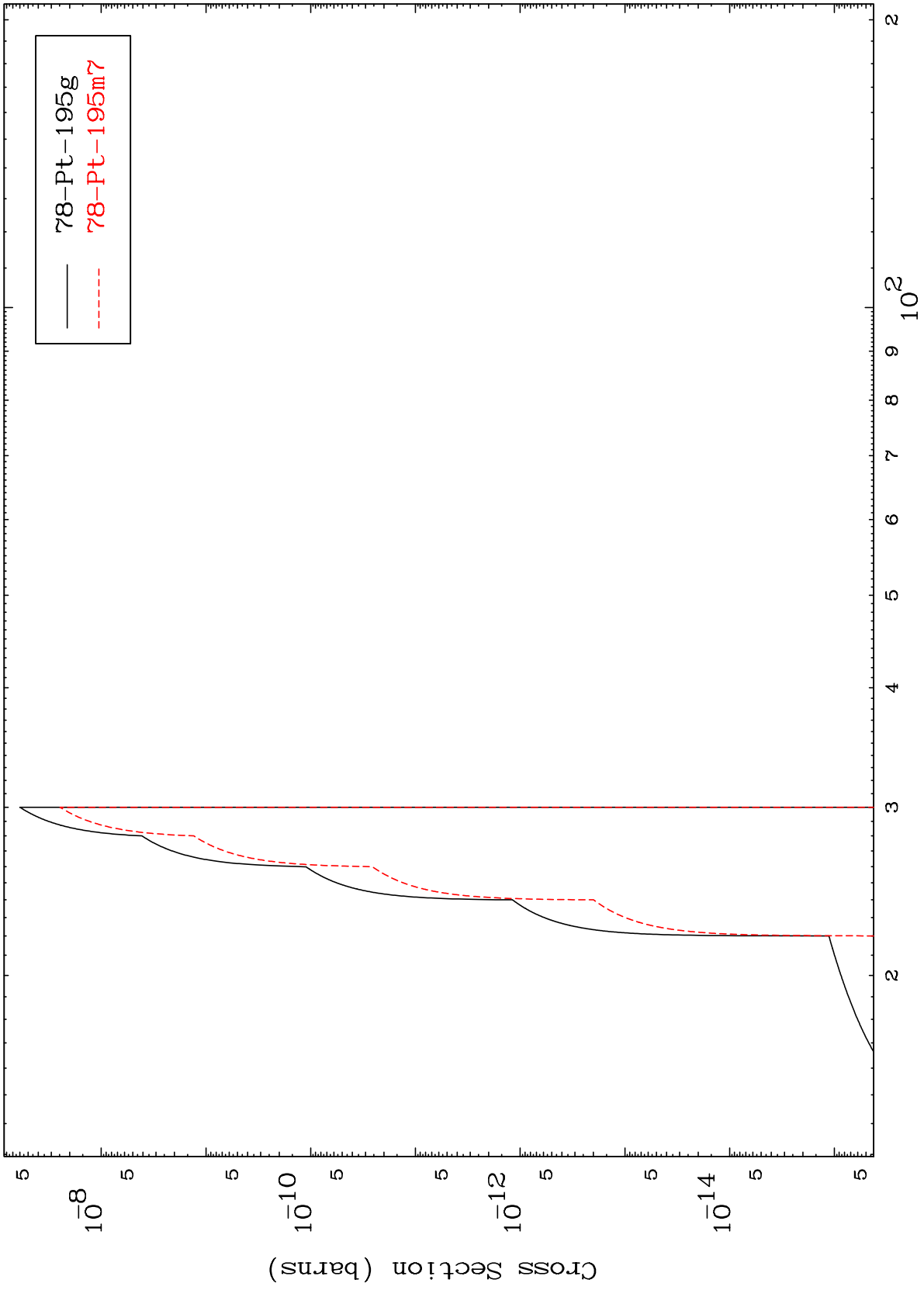


MAT 8040

(n,2n)  $\alpha$

80-Hg-201

Radionuclide Production Cross Section



12

Incident Energy (MeV)

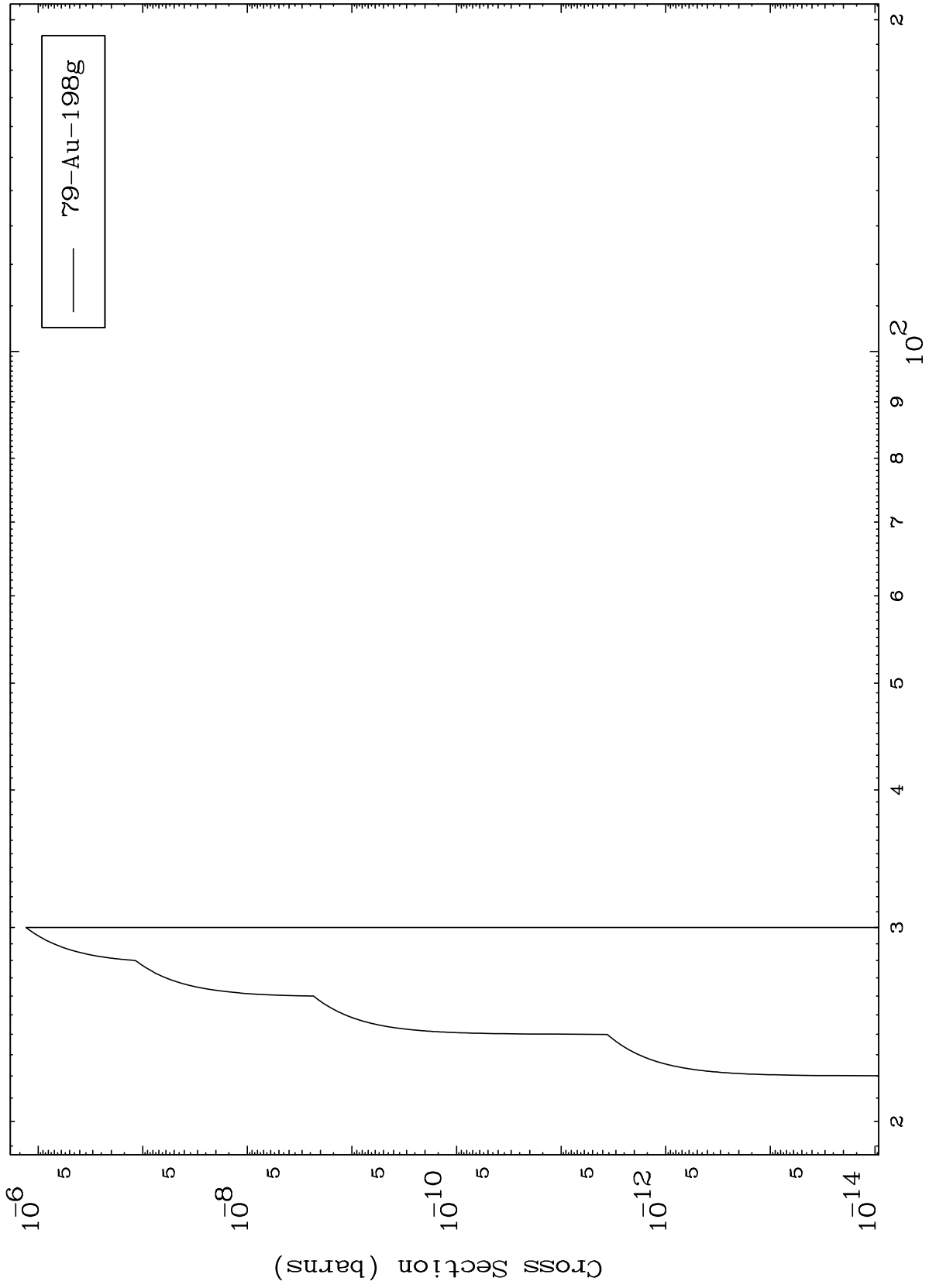
80-Hg-201

MAT 8040

(n,n') d

80-Hg-201

Radionuclide Production Cross Section



13

Incident Energy (MeV)

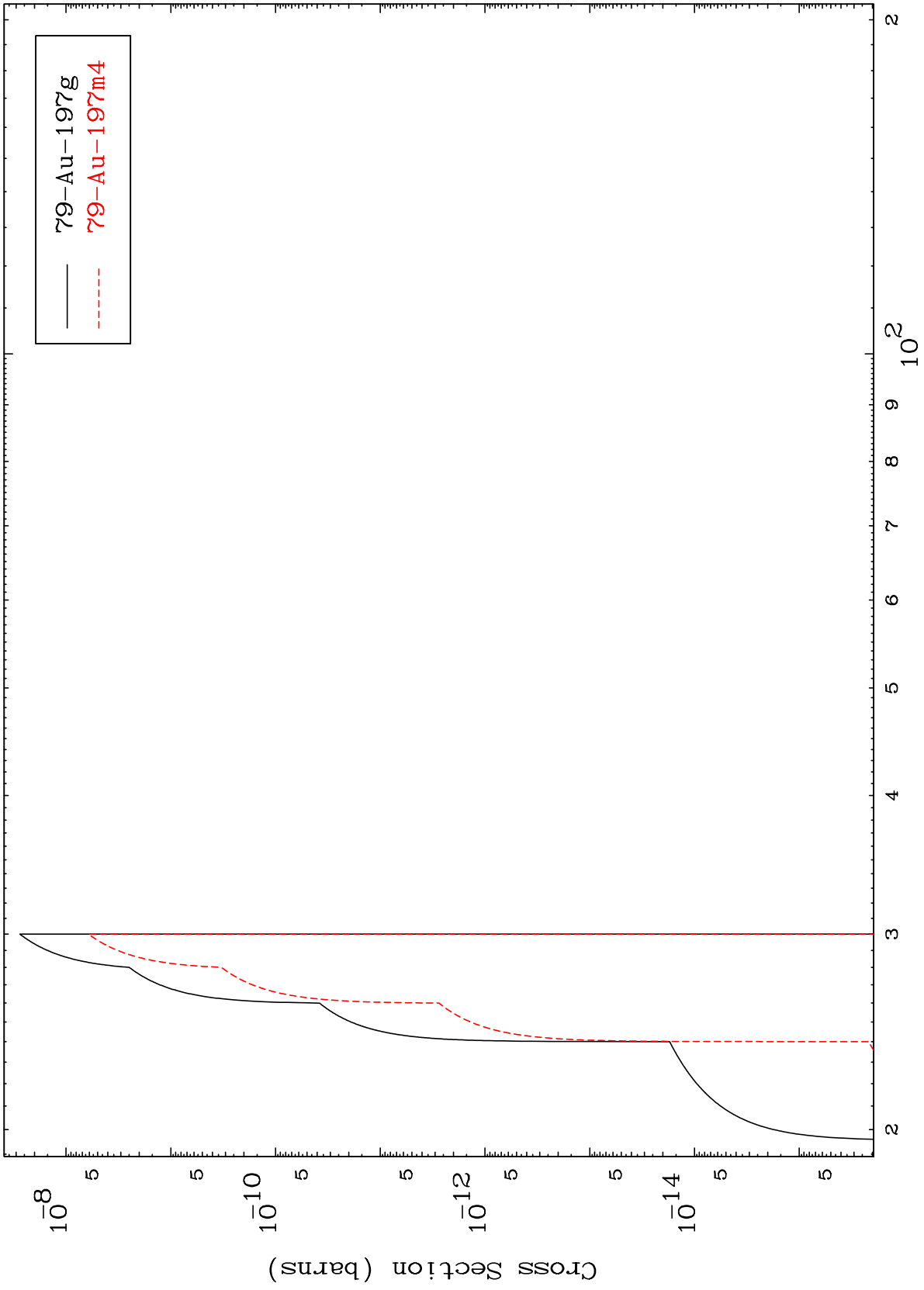
80-Hg-201

MAT 8040

(n,n') t

80-Hg-201

Radionuclide Production Cross Section



14

Incident Energy (MeV)

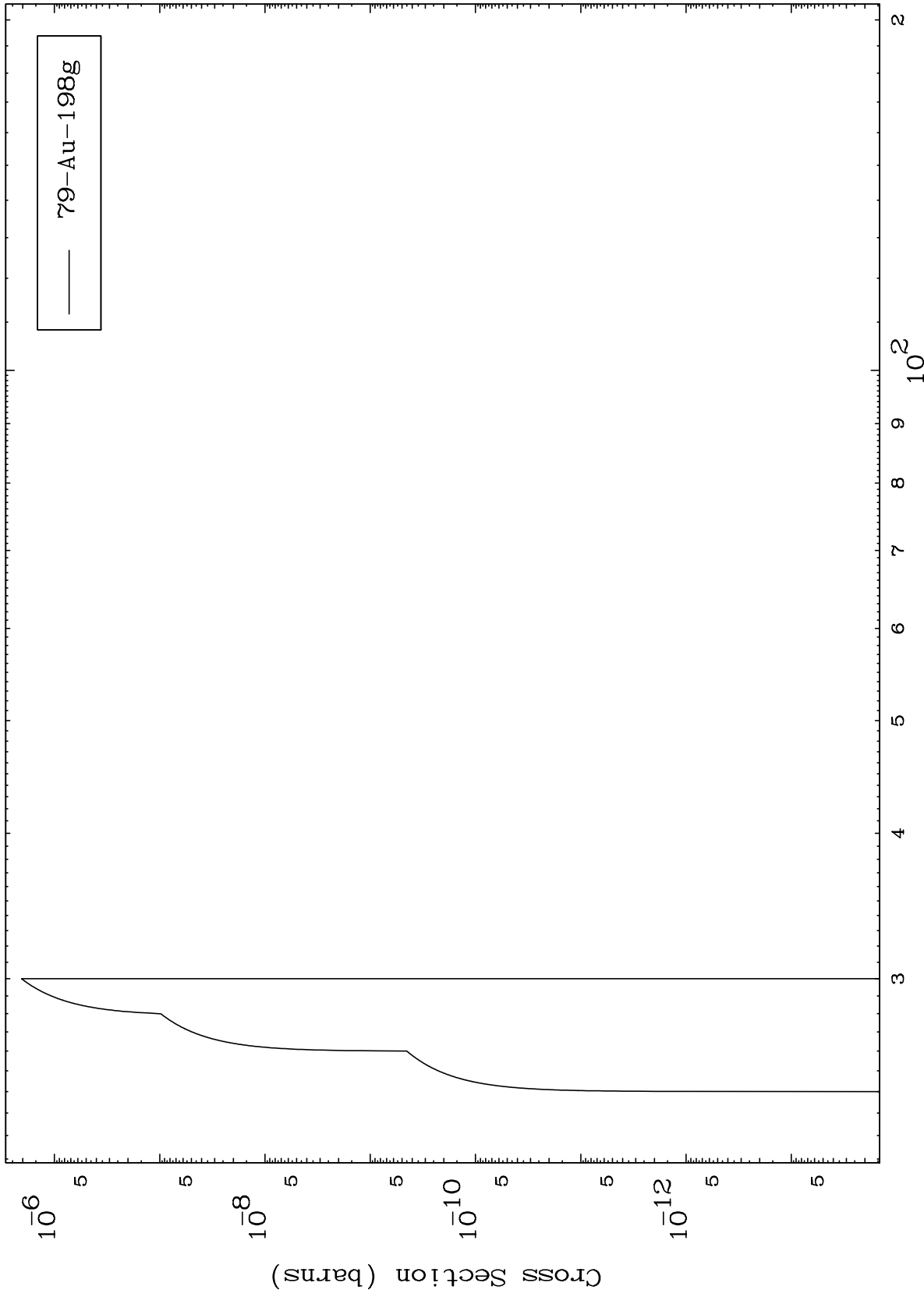
80-Hg-201

MAT 8040

(n,2n) p

80-Hg-201

Radionuclide Production Cross Section



15

Incident Energy (MeV)

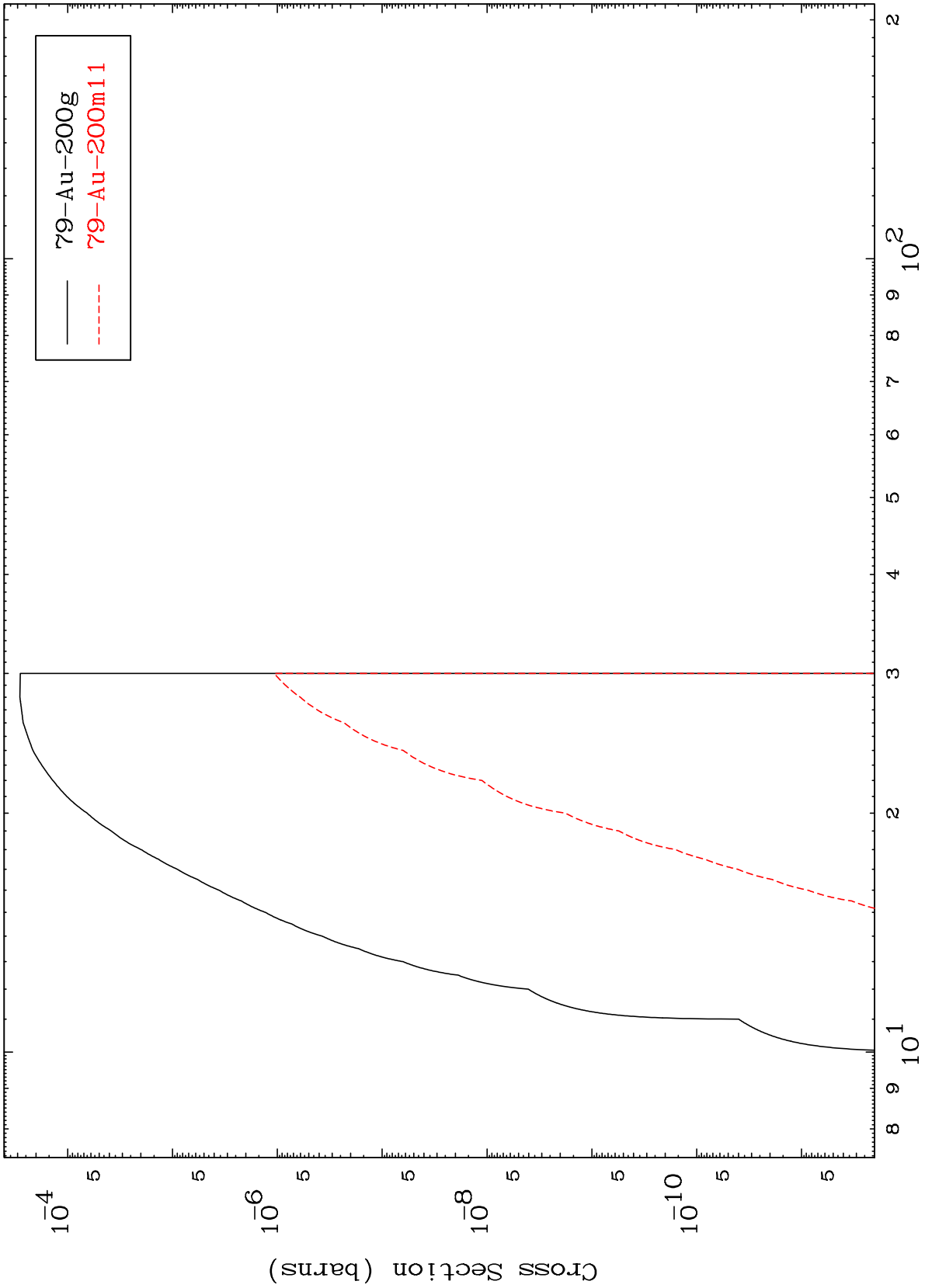
80-Hg-201



MAT 8040

80-Hg-201

(n,p)  
Radionuclide Production Cross Section



16

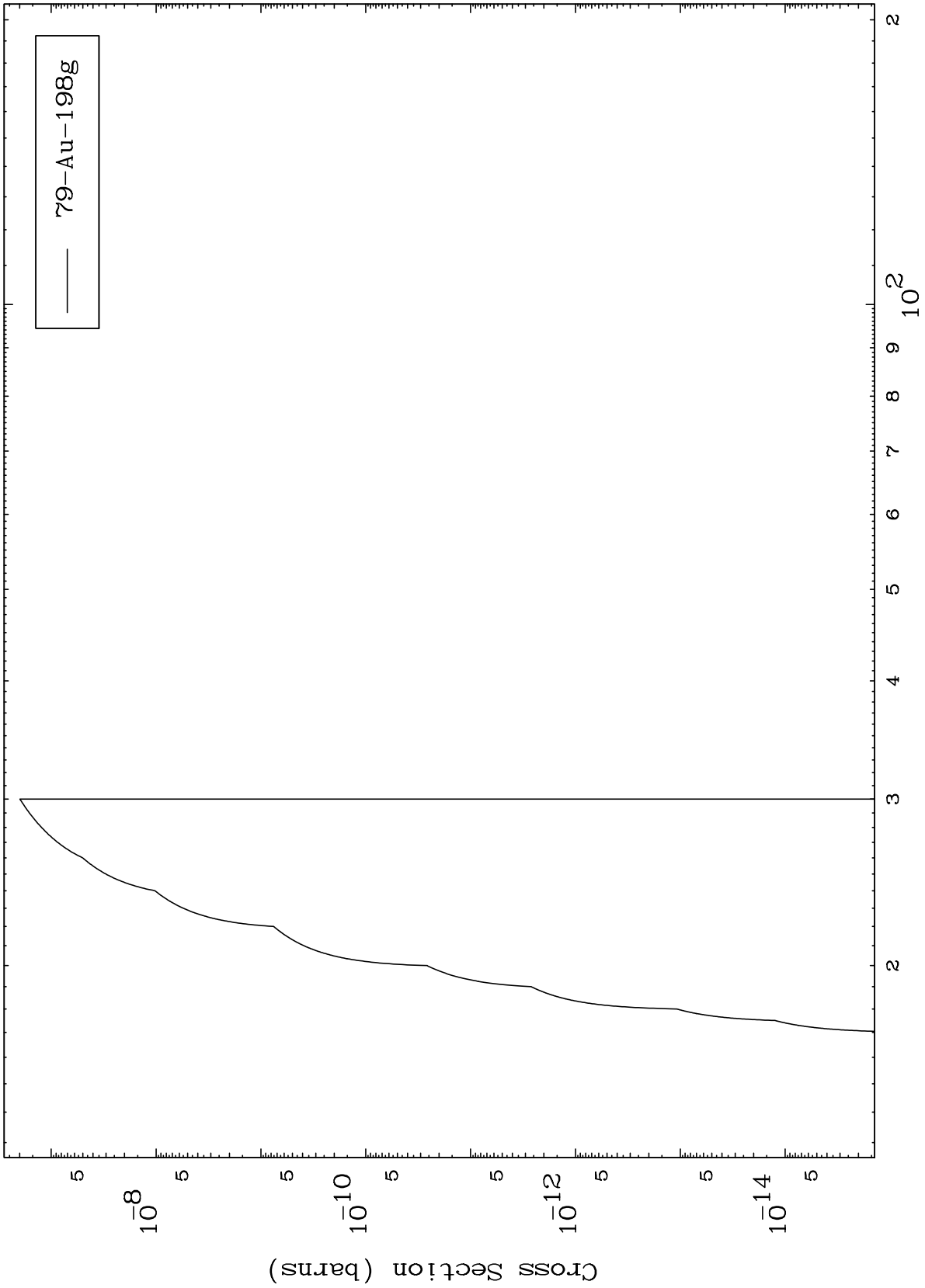
Incident Energy (MeV)

80-Hg-201

MAT 8040

80-Hg-201

(n, t)  
Radionuclide Production Cross Section



17

80-Hg-201

Incident Energy (MeV)

MAT 8040

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

80-Hg-201

