

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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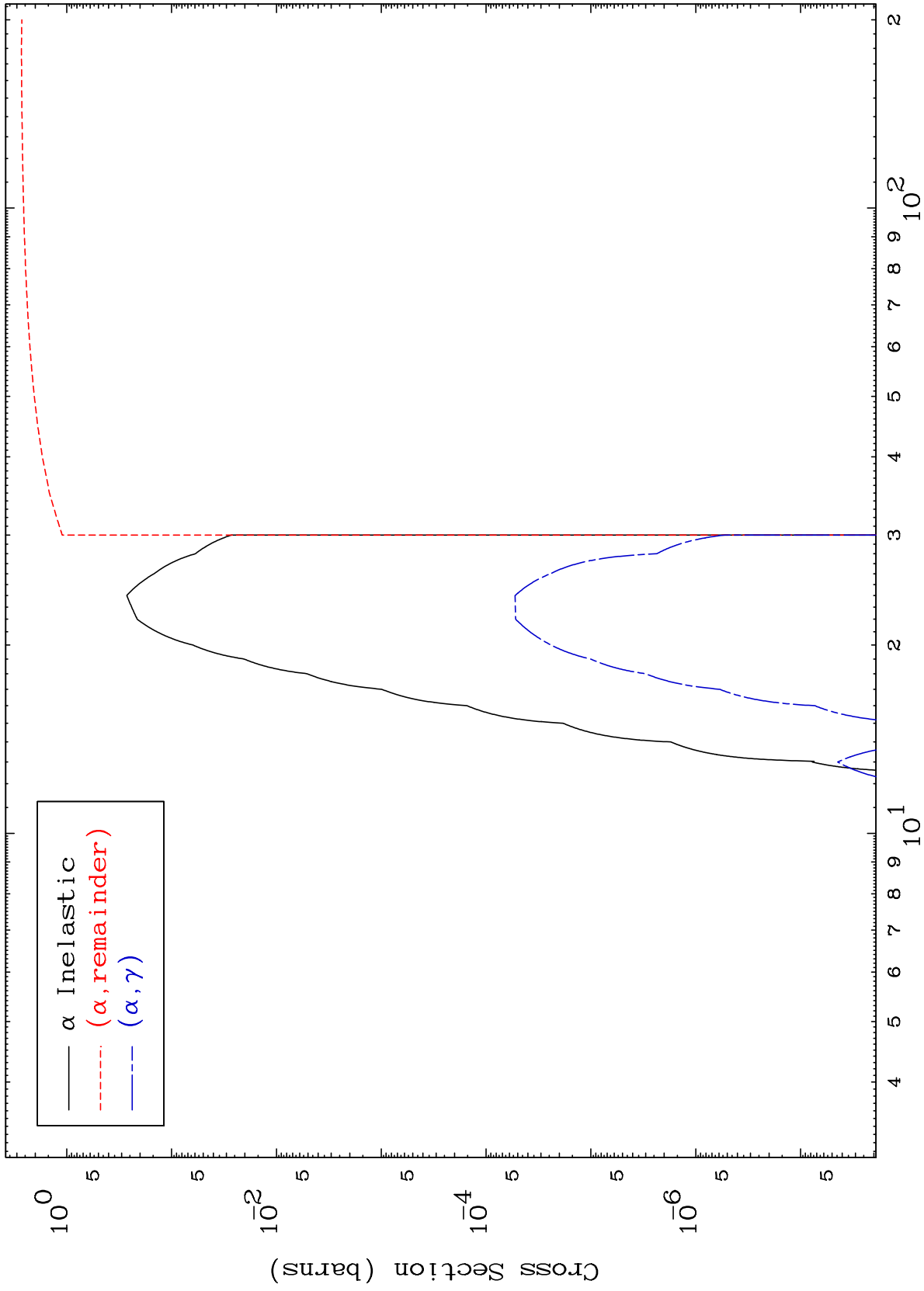
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8025

0 Kelvin  $\alpha$  Major  
Cross Sections

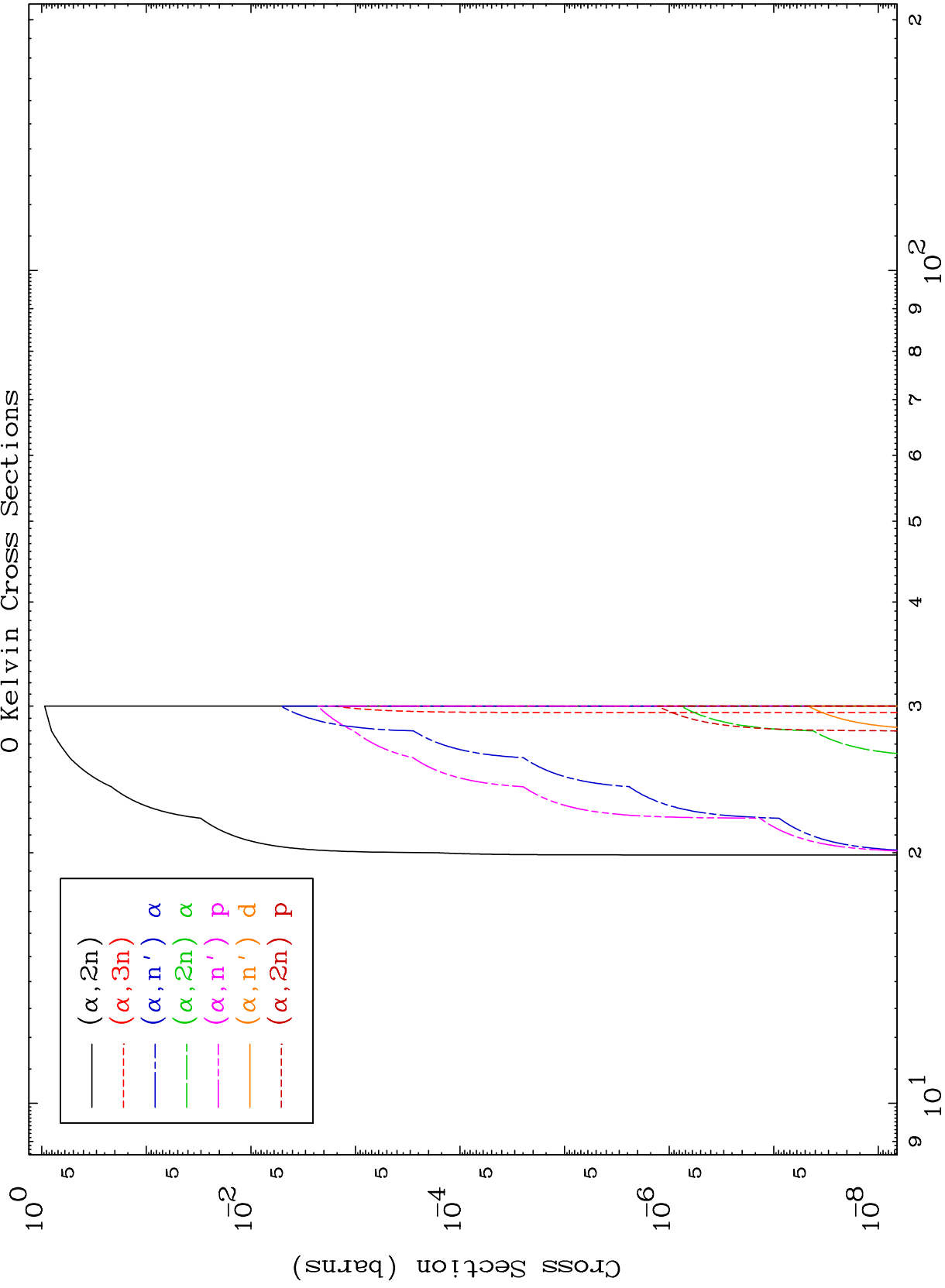
80-Hg-196



MAT 8025

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

80-Hg-196



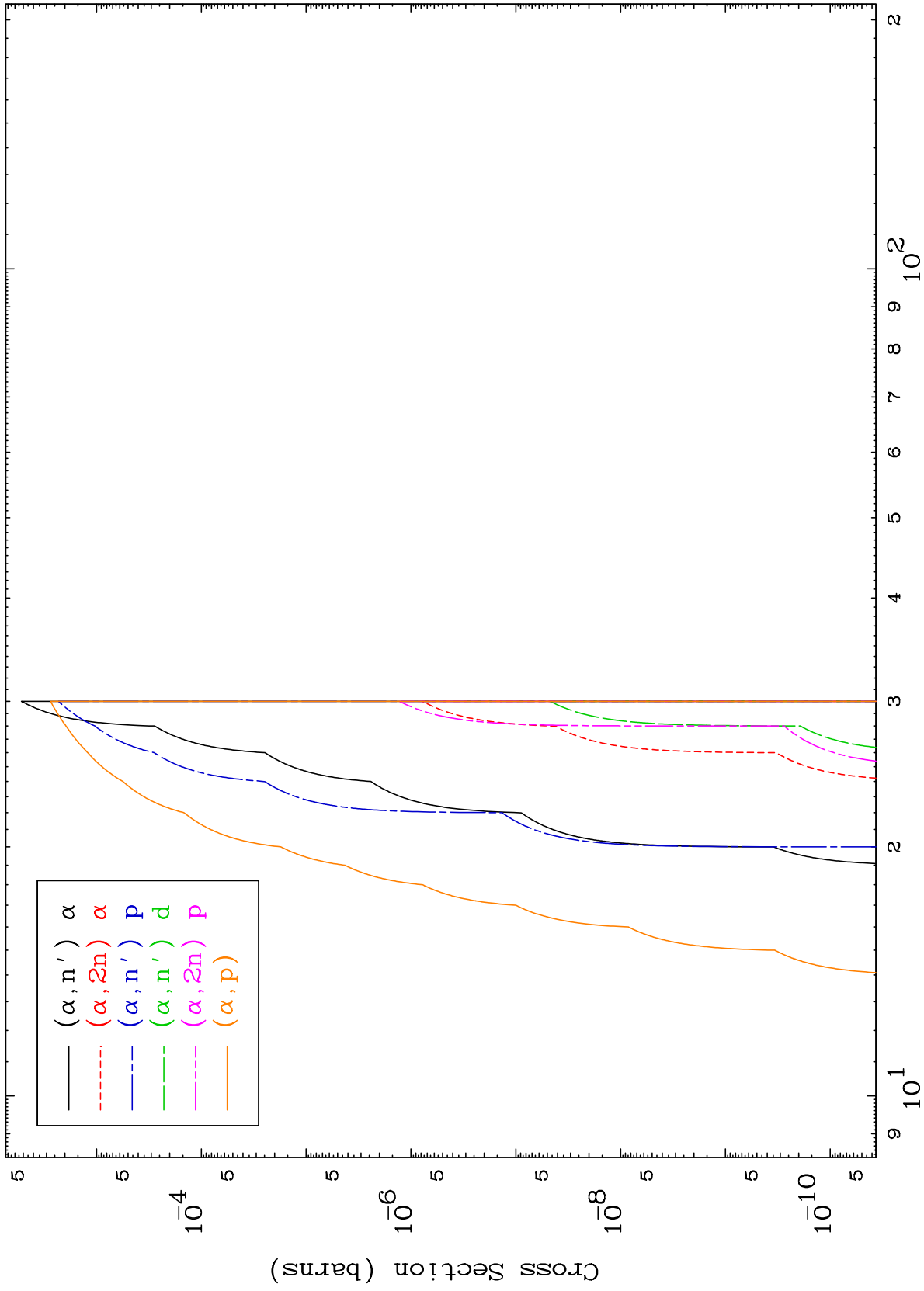
Incident Energy (MeV)

80-Hg-196

MAT 8025

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

80-Hg-196



3

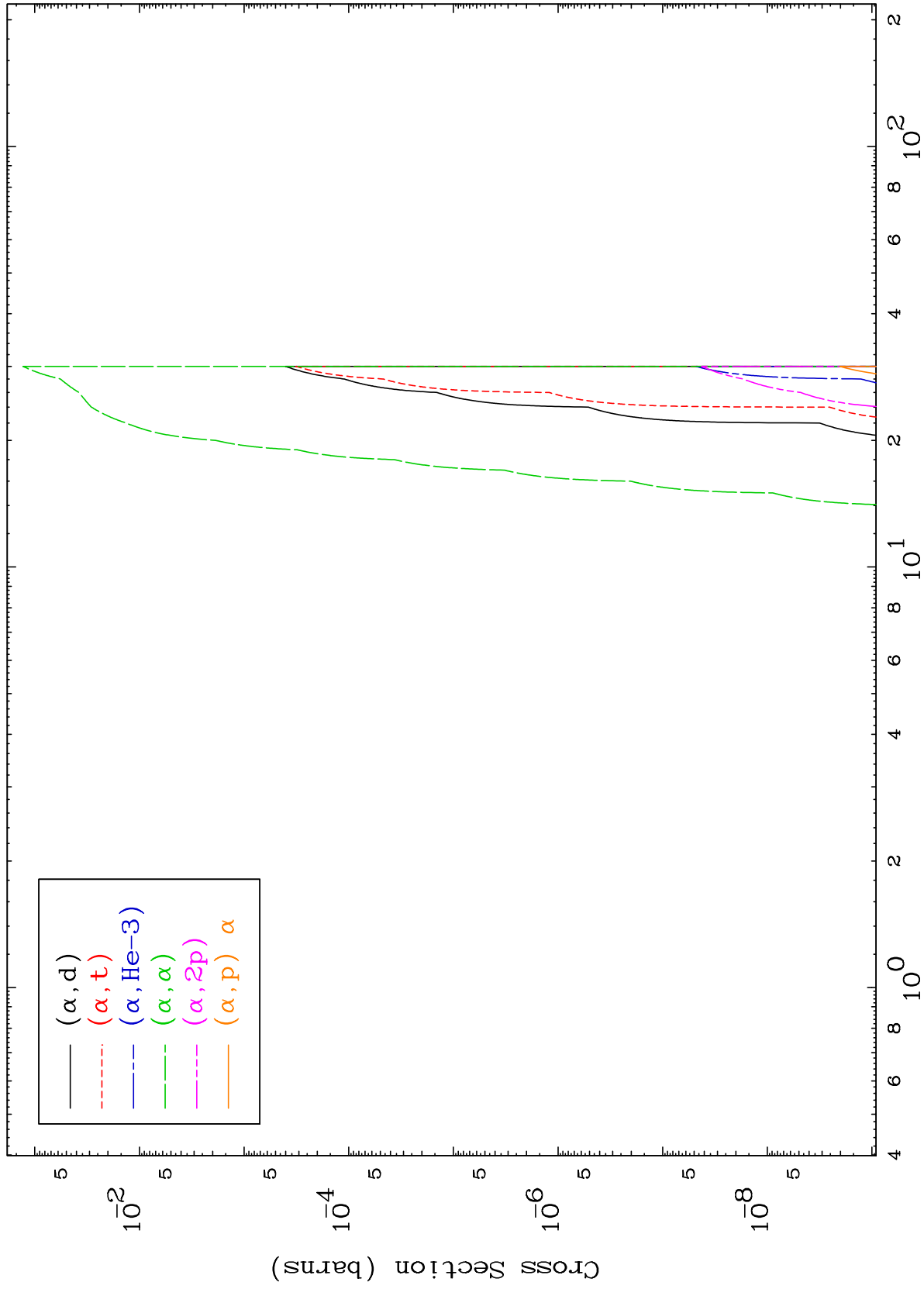
Incident Energy (MeV)

80-Hg-196

MAT 8025

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

80-Hg-196



4

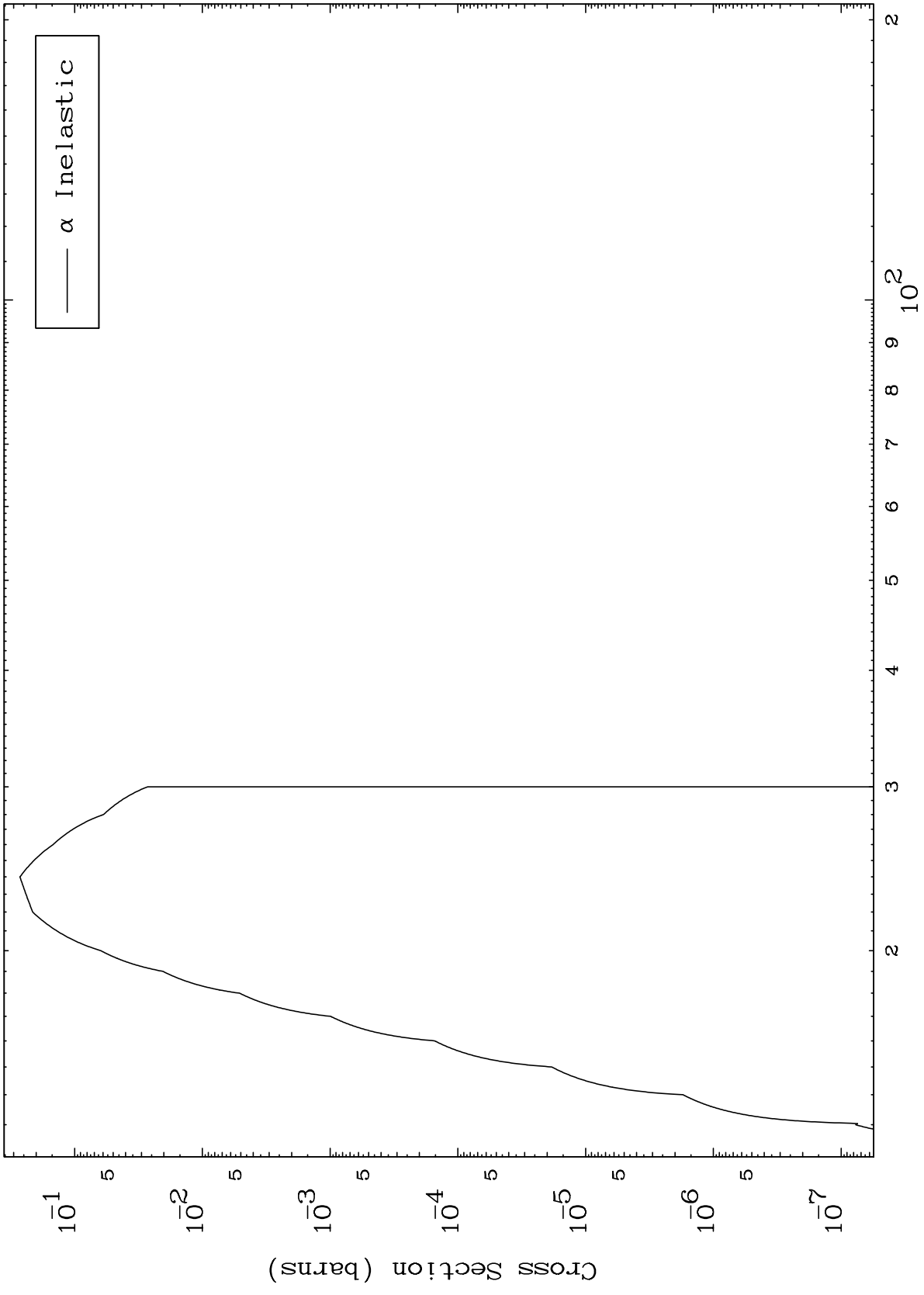
Incident Energy (MeV)

80-Hg-196

MAT 8025

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

80-Hg-196



5

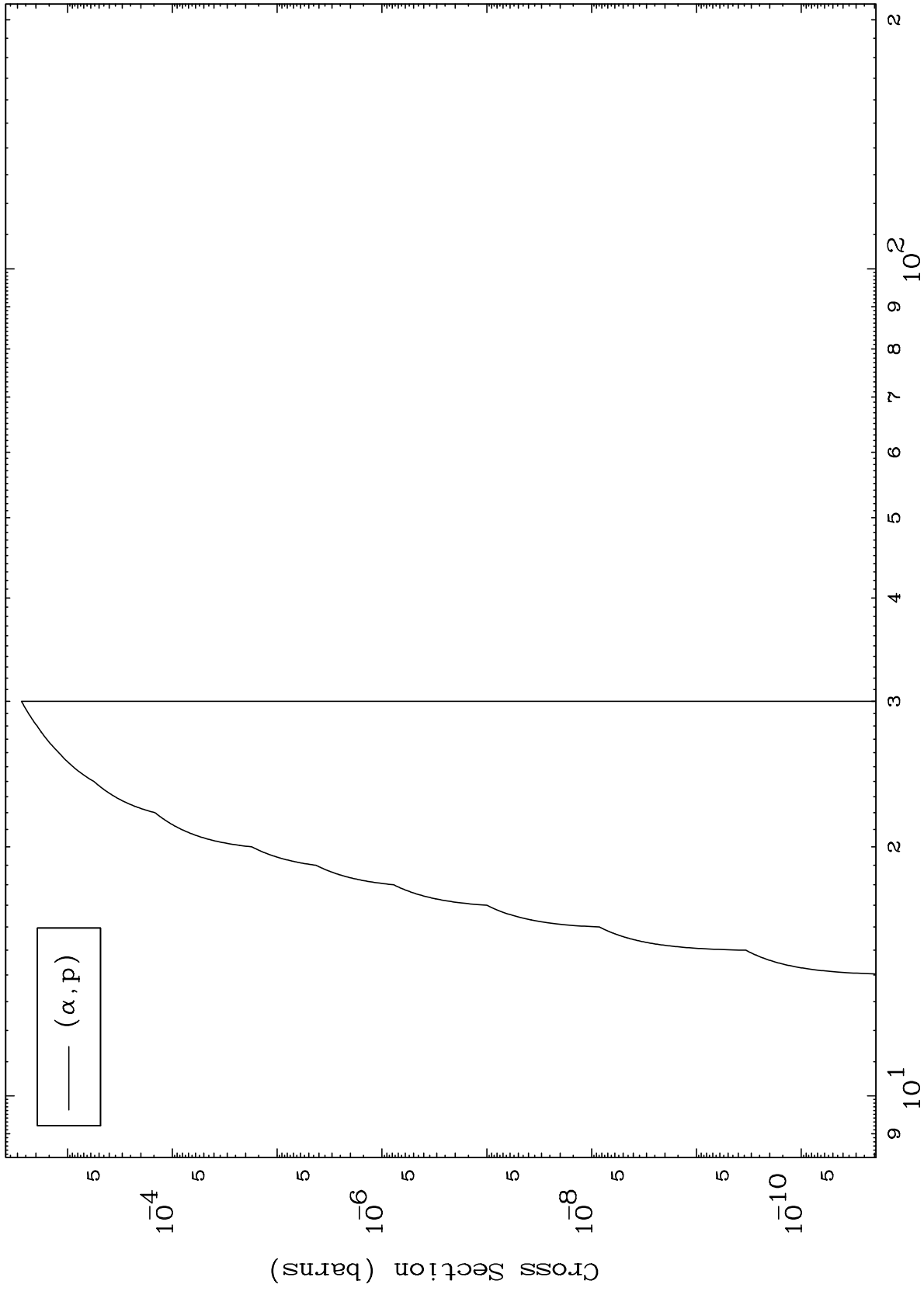
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



6

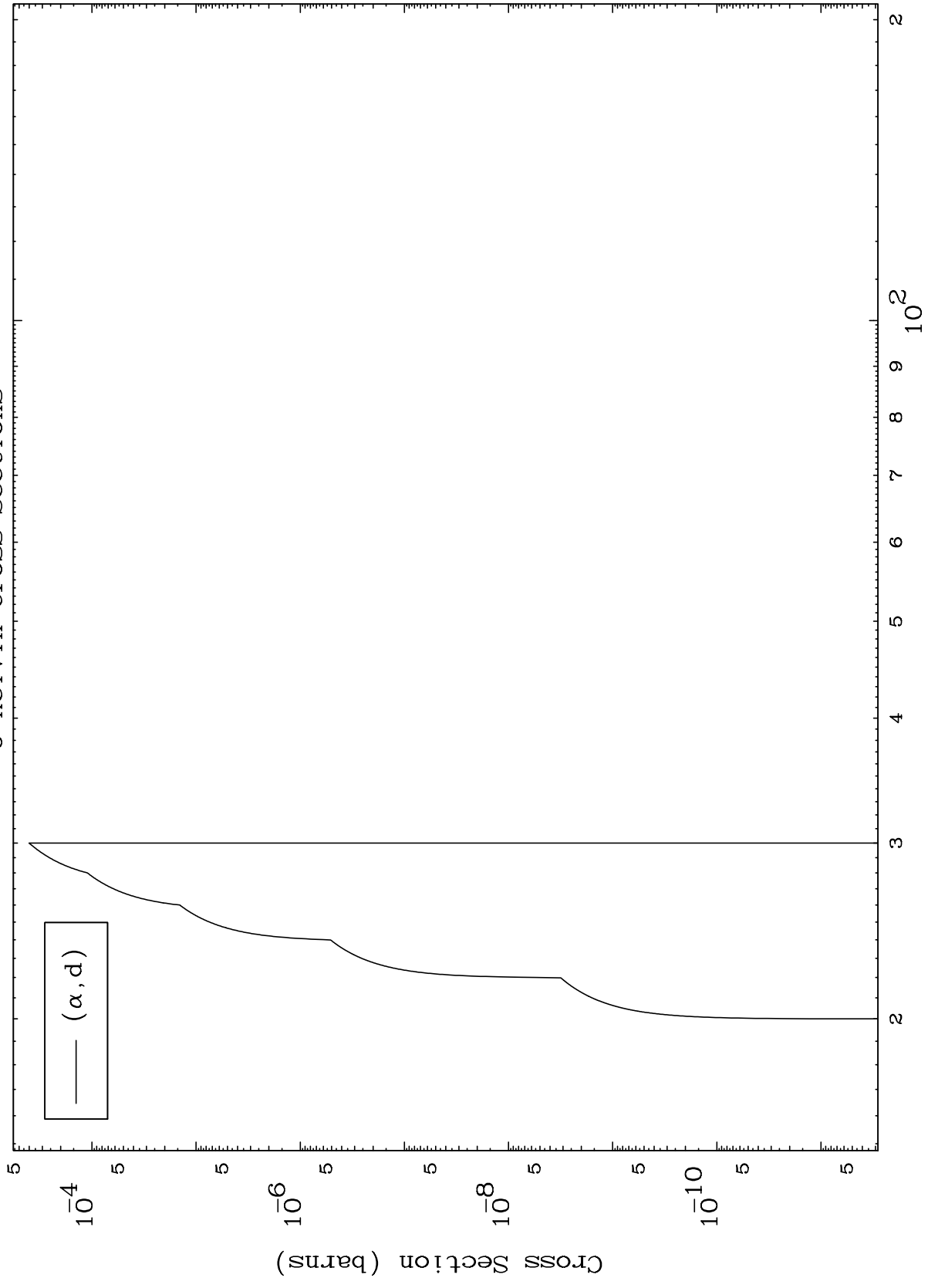
Incident Energy (MeV)

80-Hg-196

MAT 8025

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

80-Hg-196



7

Incident Energy (MeV)

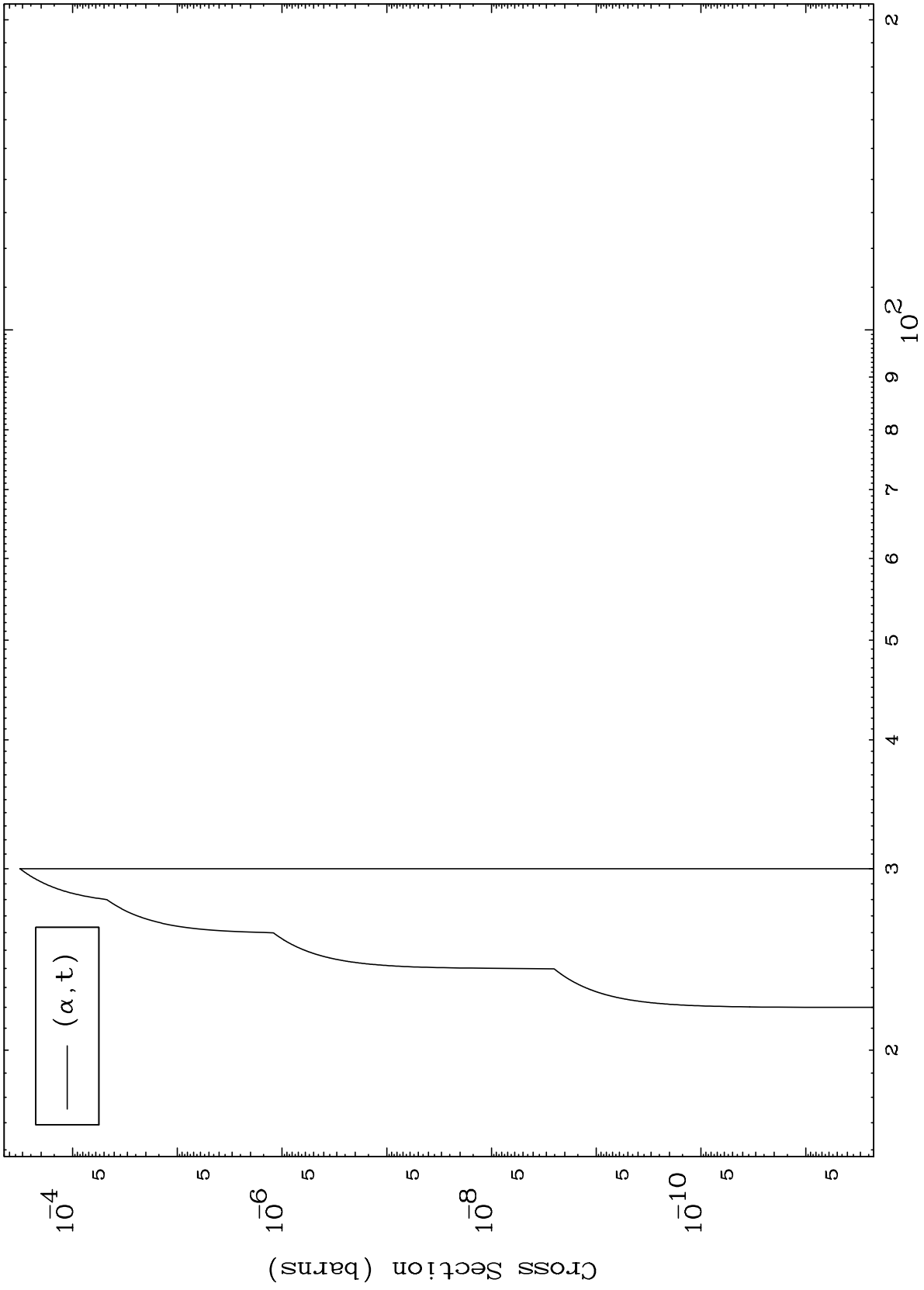
80-Hg-196



MAT 8025

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

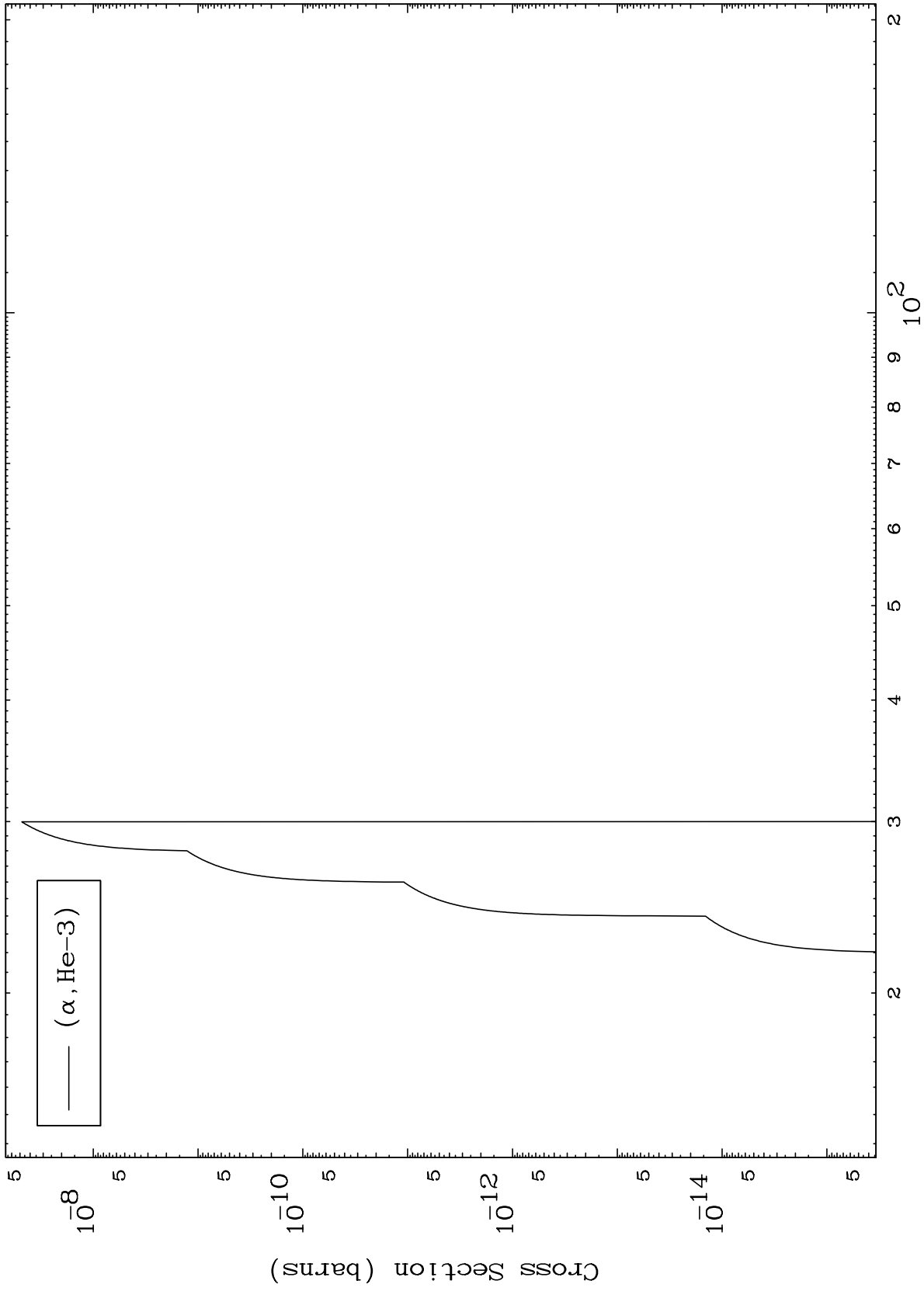
80-Hg-196



8

Incident Energy (MeV)

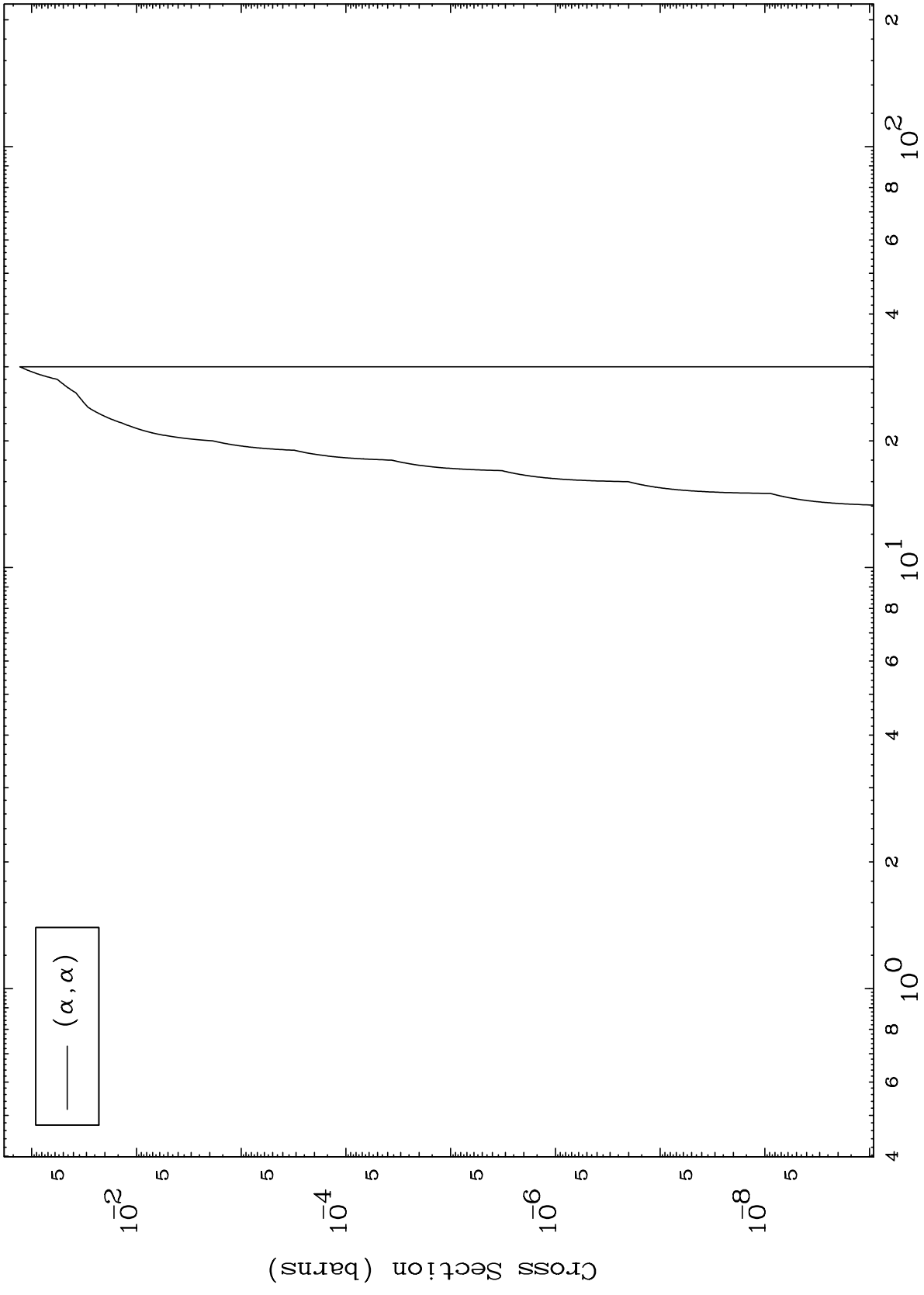
80-Hg-196



MAT 8025

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

80-Hg-196

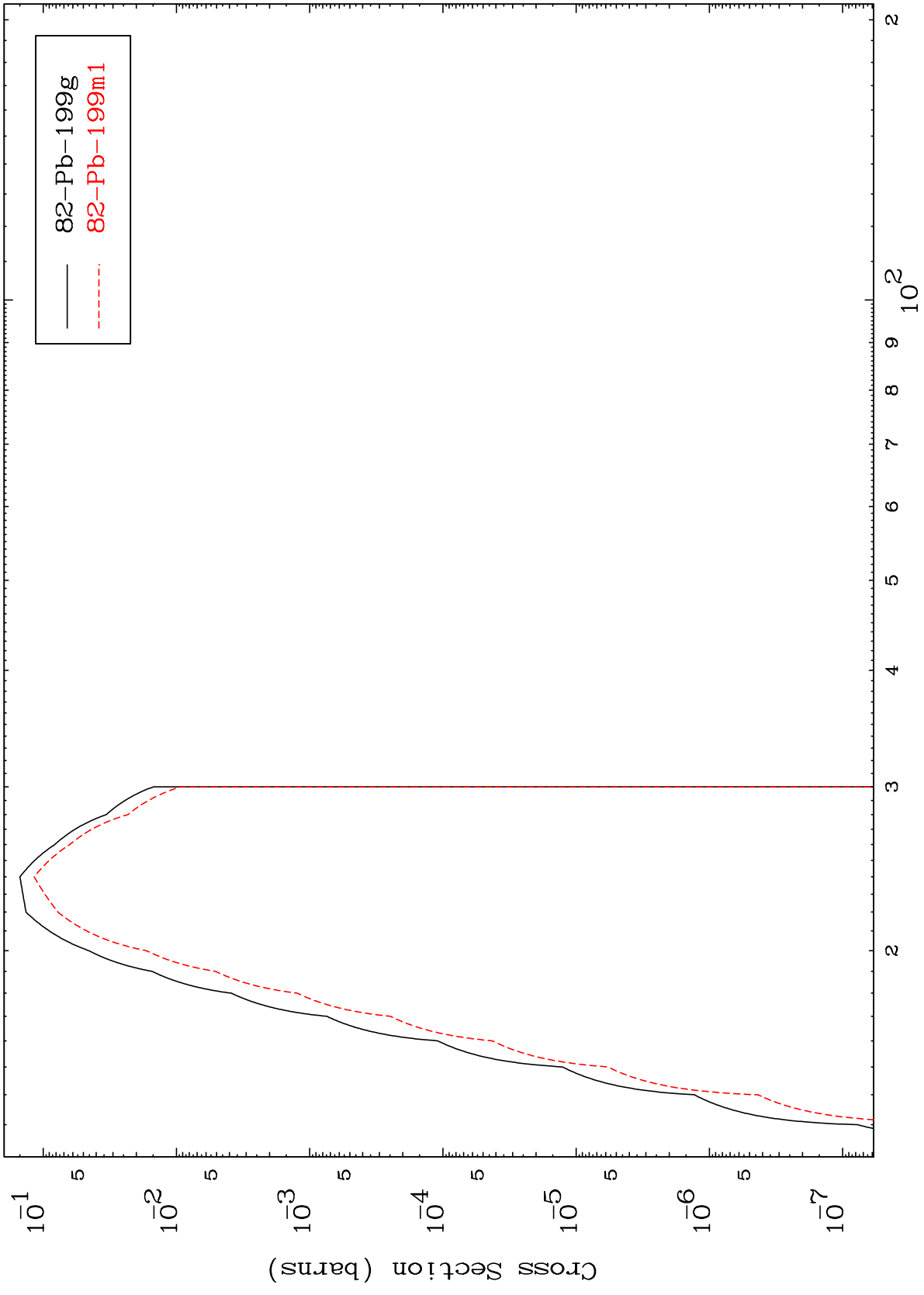


10

Incident Energy (MeV)

80-Hg-196

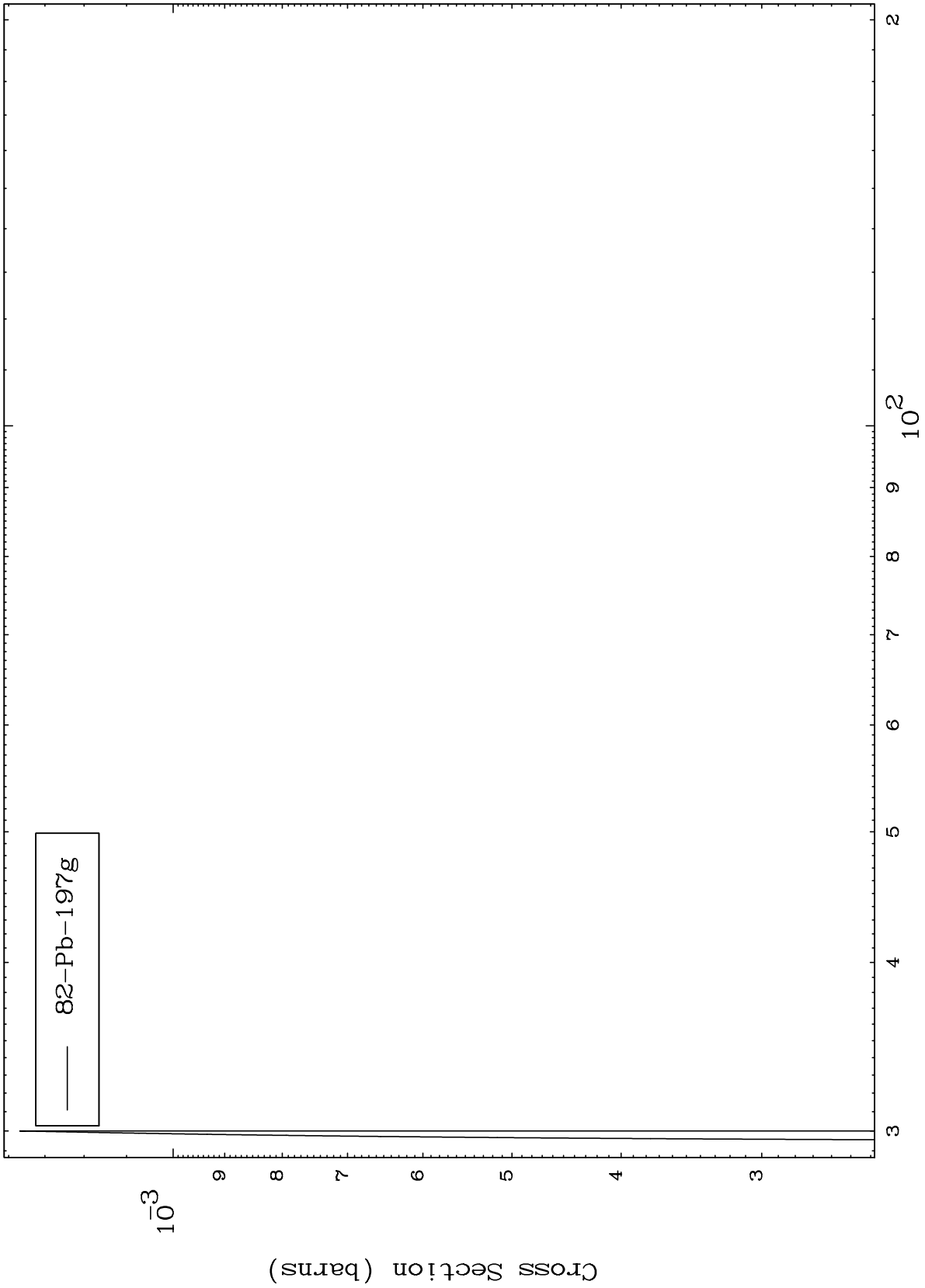
$\alpha$  Inelastic  
Radionuclide Production Cross Section



MAT 8025

80-Hg-196

( $\alpha, 3n$ )  
Radionuclide Production Cross Section



12

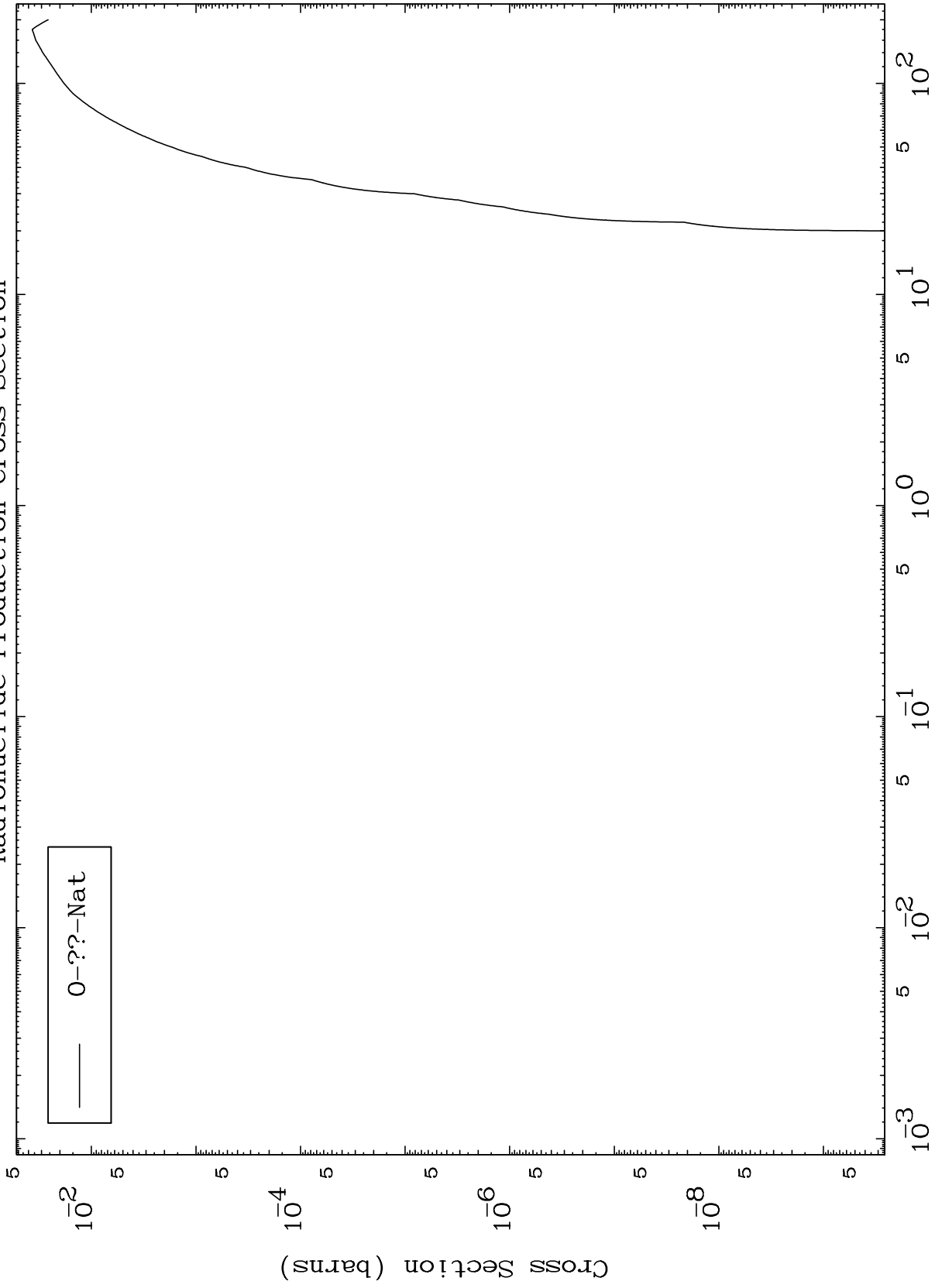
80-Hg-196

Incident Energy (MeV)

MAT 8025

$\alpha$  Fission  
Radionuclide Production Cross Section

80-Hg-196



13

Incident Energy (MeV)

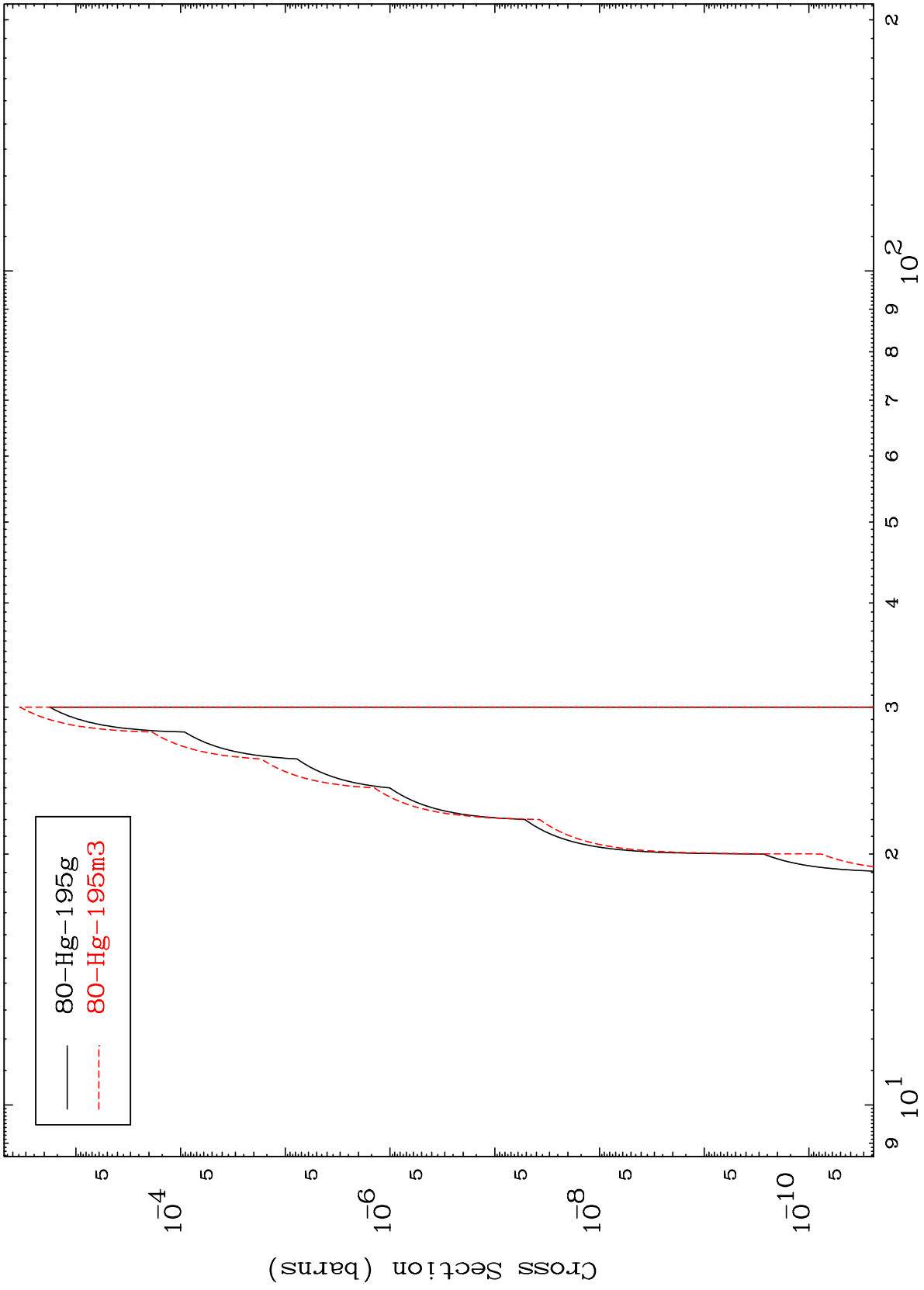
80-Hg-196

MAT 8025

( $\alpha, n'$ )  $\alpha$

80-Hg-196

Radionuclide Production Cross Section



14

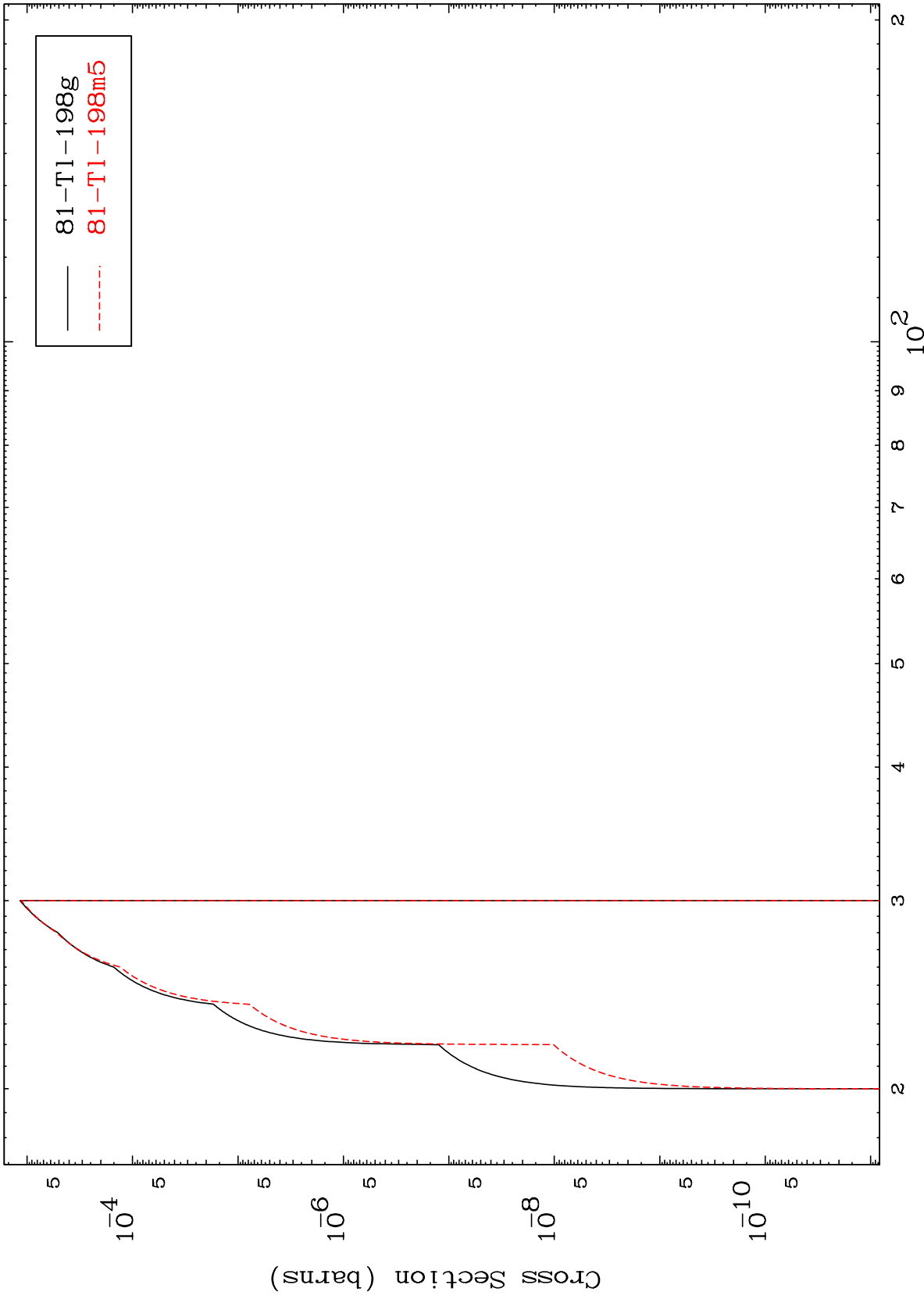
Incident Energy (MeV)

80-Hg-196

MAT 8025

80-Hg-196

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



15

Incident Energy (MeV)

80-Hg-196

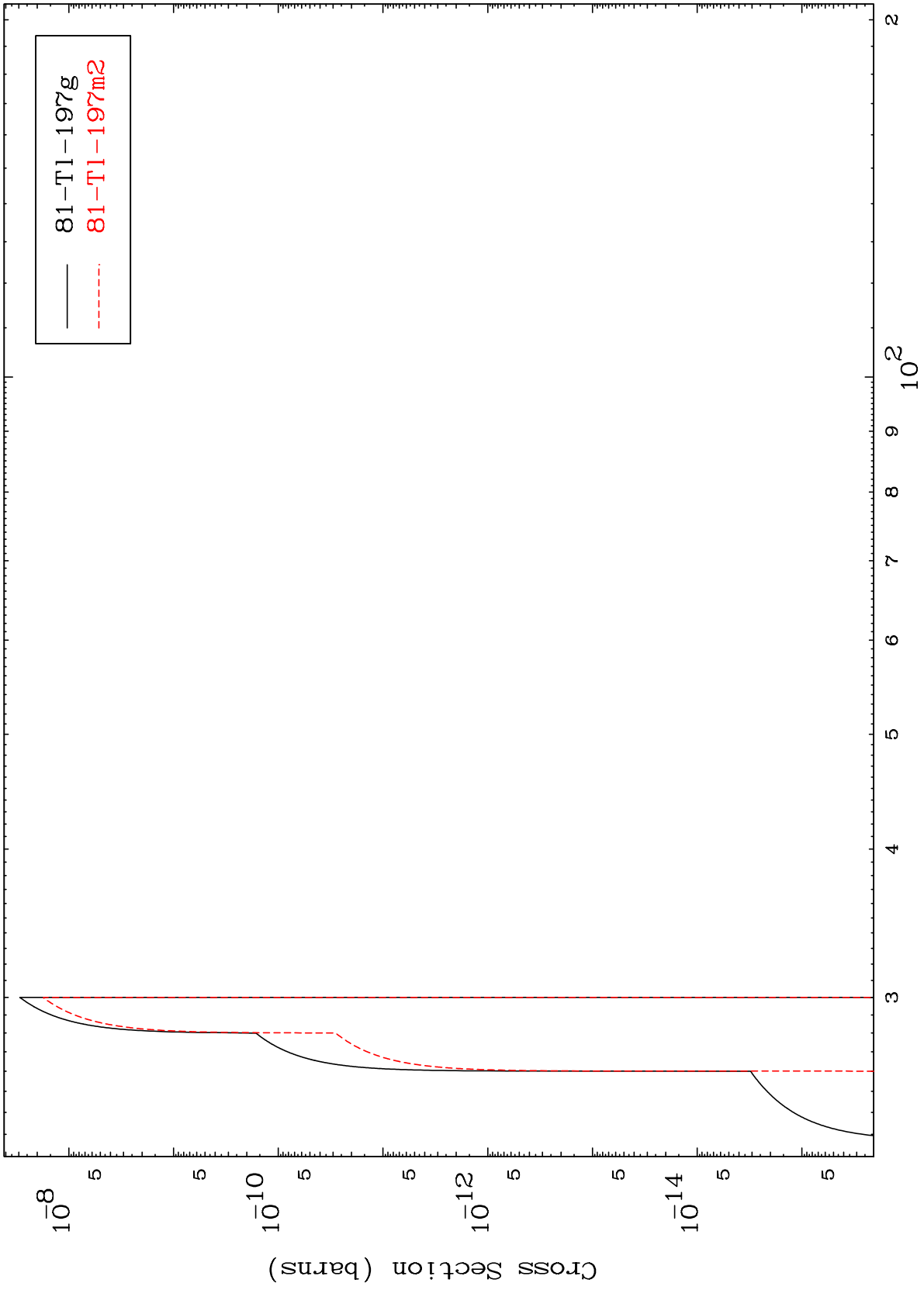


MAT 8025

( $\alpha, n'$ ) d

80-Hg-196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

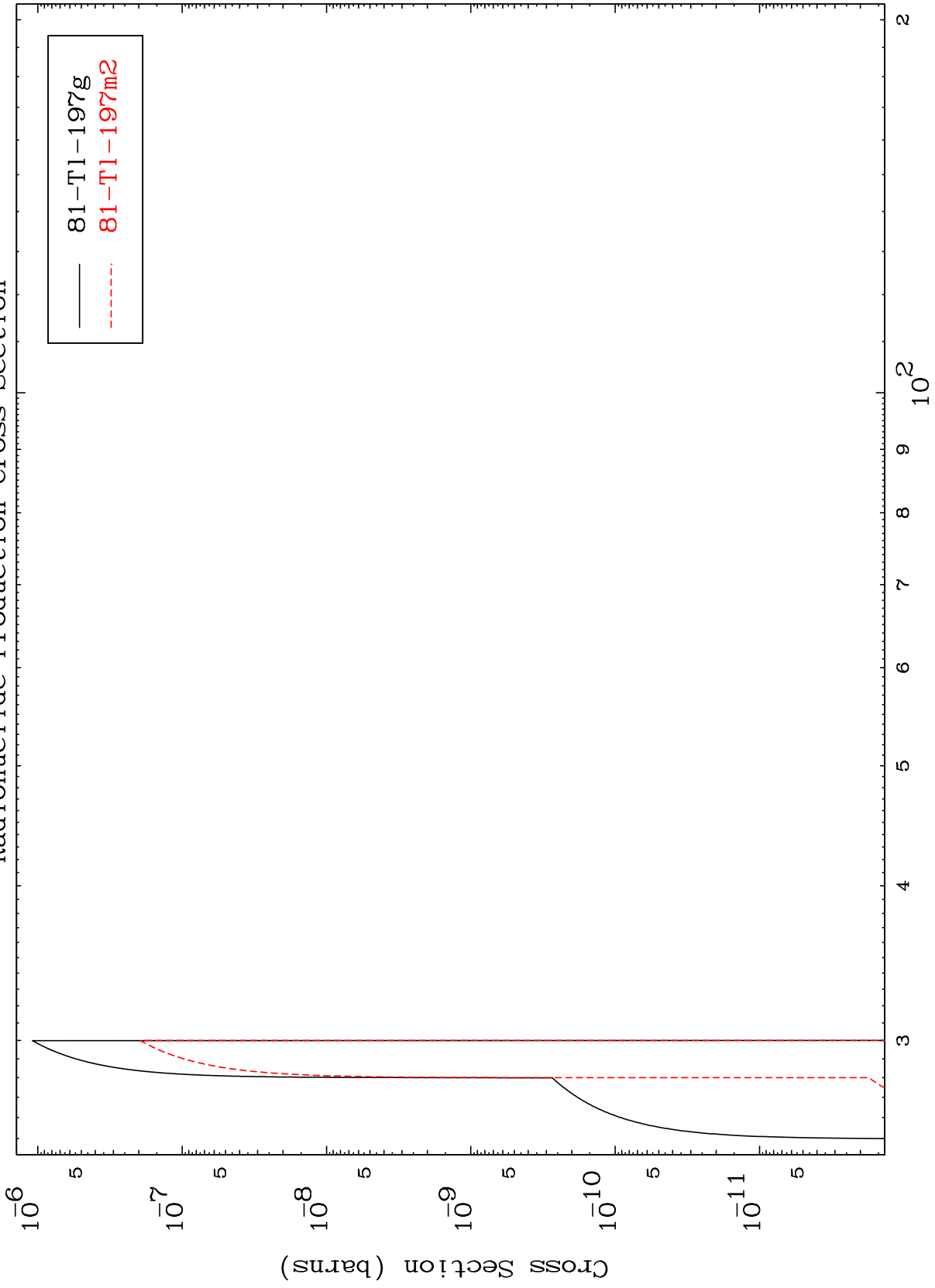
80-Hg-196

MAT 8025

( $\alpha, 2n$ ) p

80-Hg-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

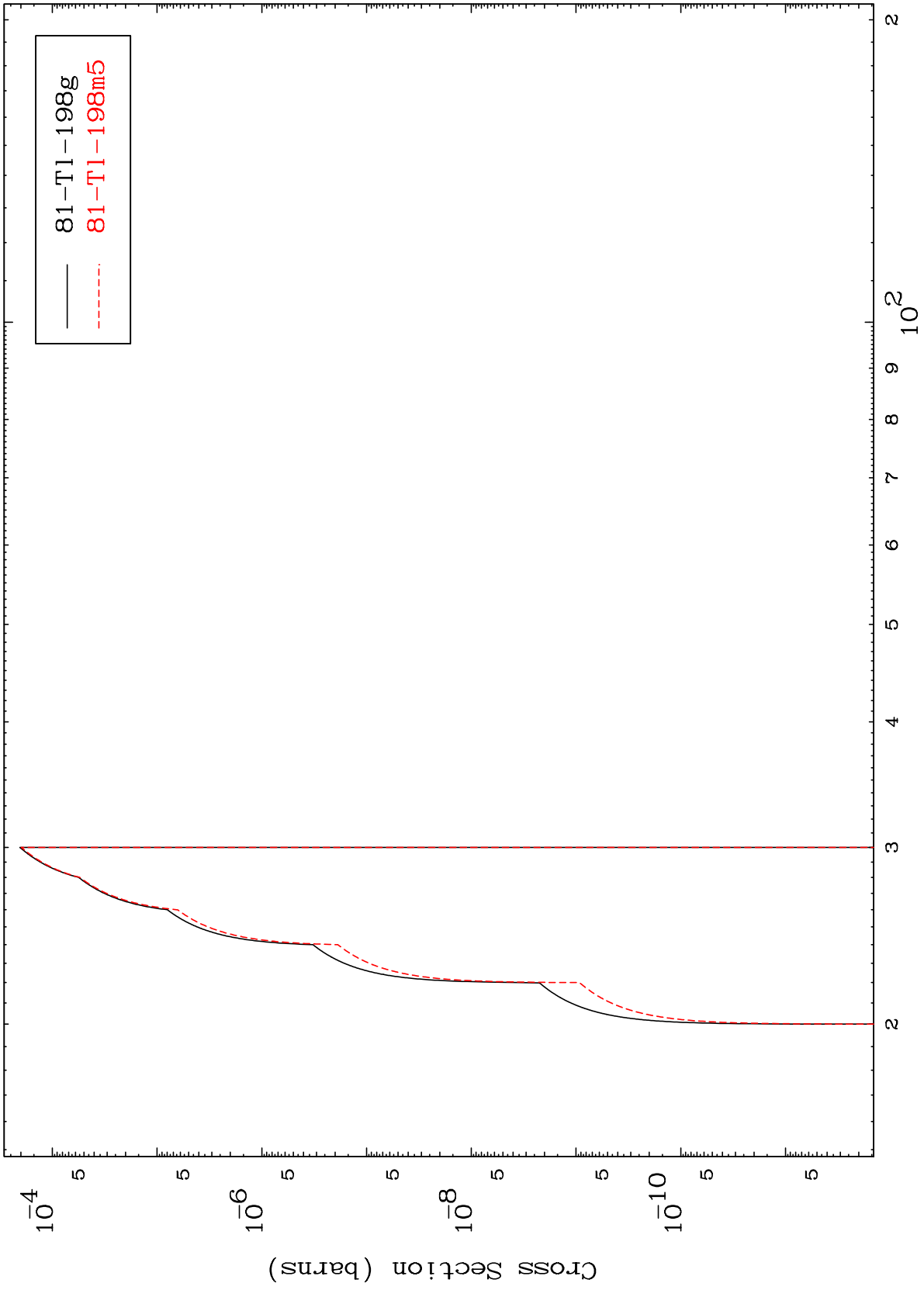
80-Hg-196

MAT 8025

( $\alpha, d$ )

80-Hg-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

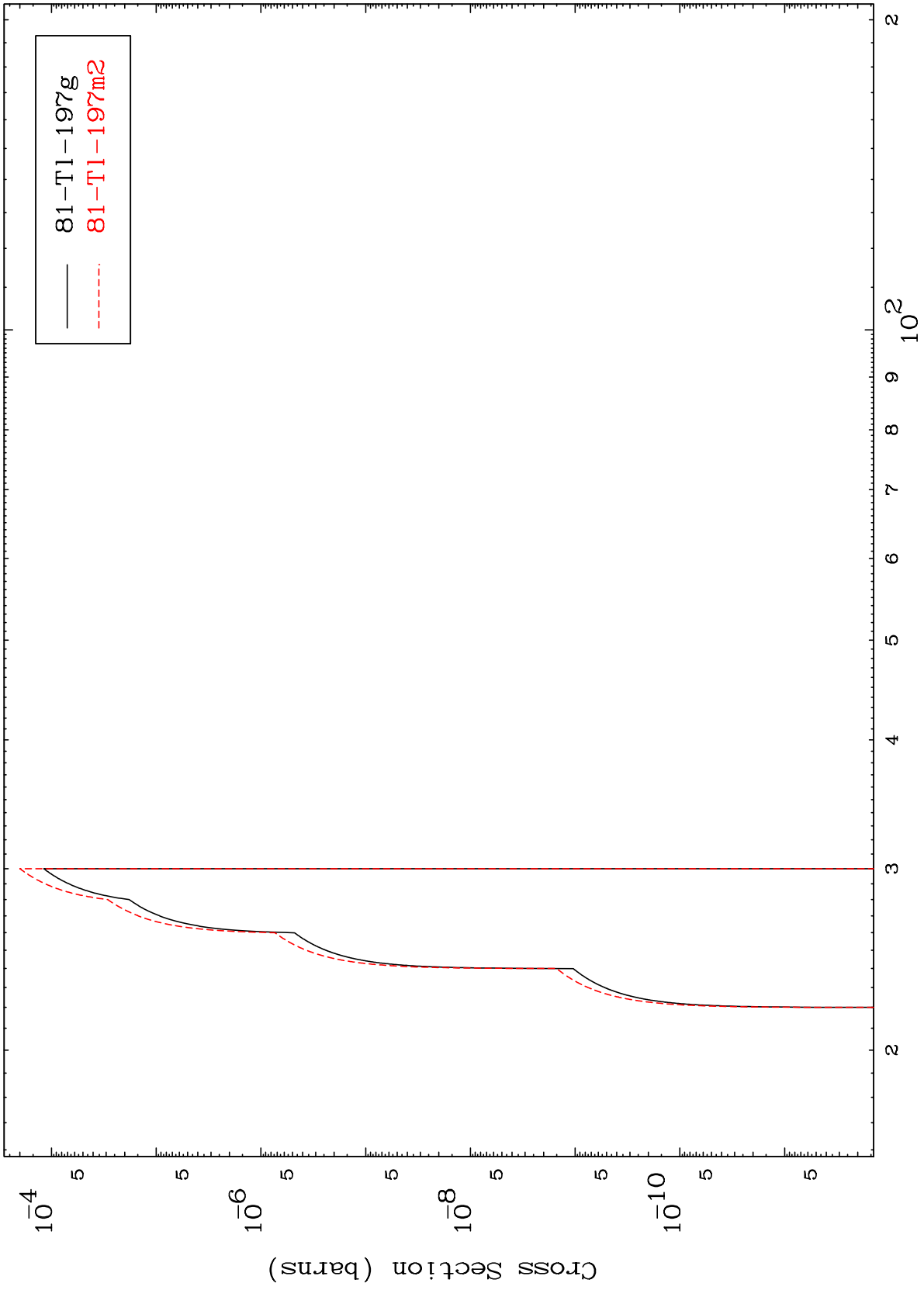
80-Hg-196

MAT 8025

( $\alpha, t$ )

80-Hg-196

Radionuclide Production Cross Section



19

Incident Energy (MeV)

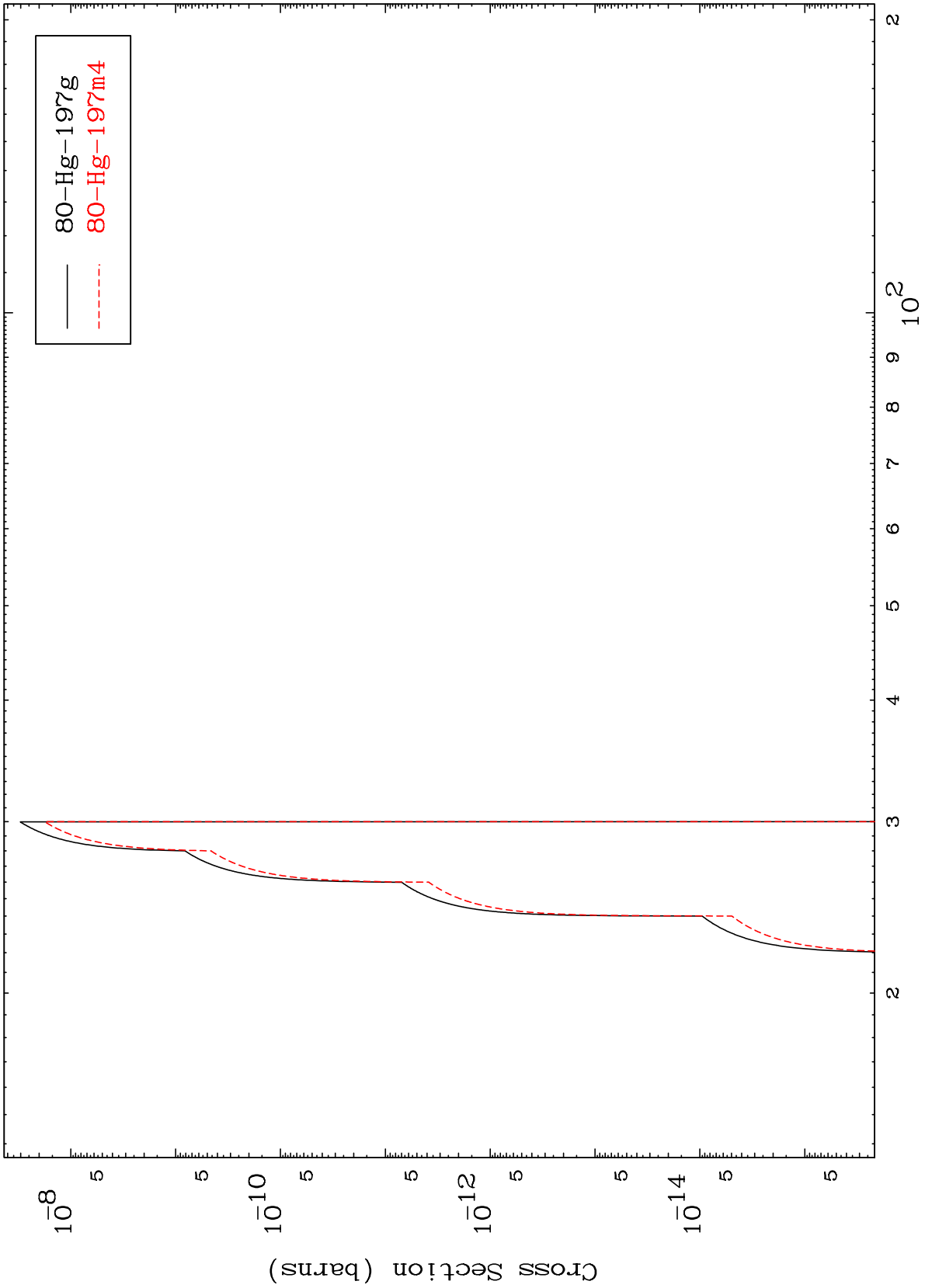
80-Hg-196

MAT 8025

( $\alpha, \text{He-3}$ )

80-Hg-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

80-Hg-196

MAT 8025

( $\alpha, p$ )  $\alpha$

80-Hg-196

Radionuclide Production Cross Section

