

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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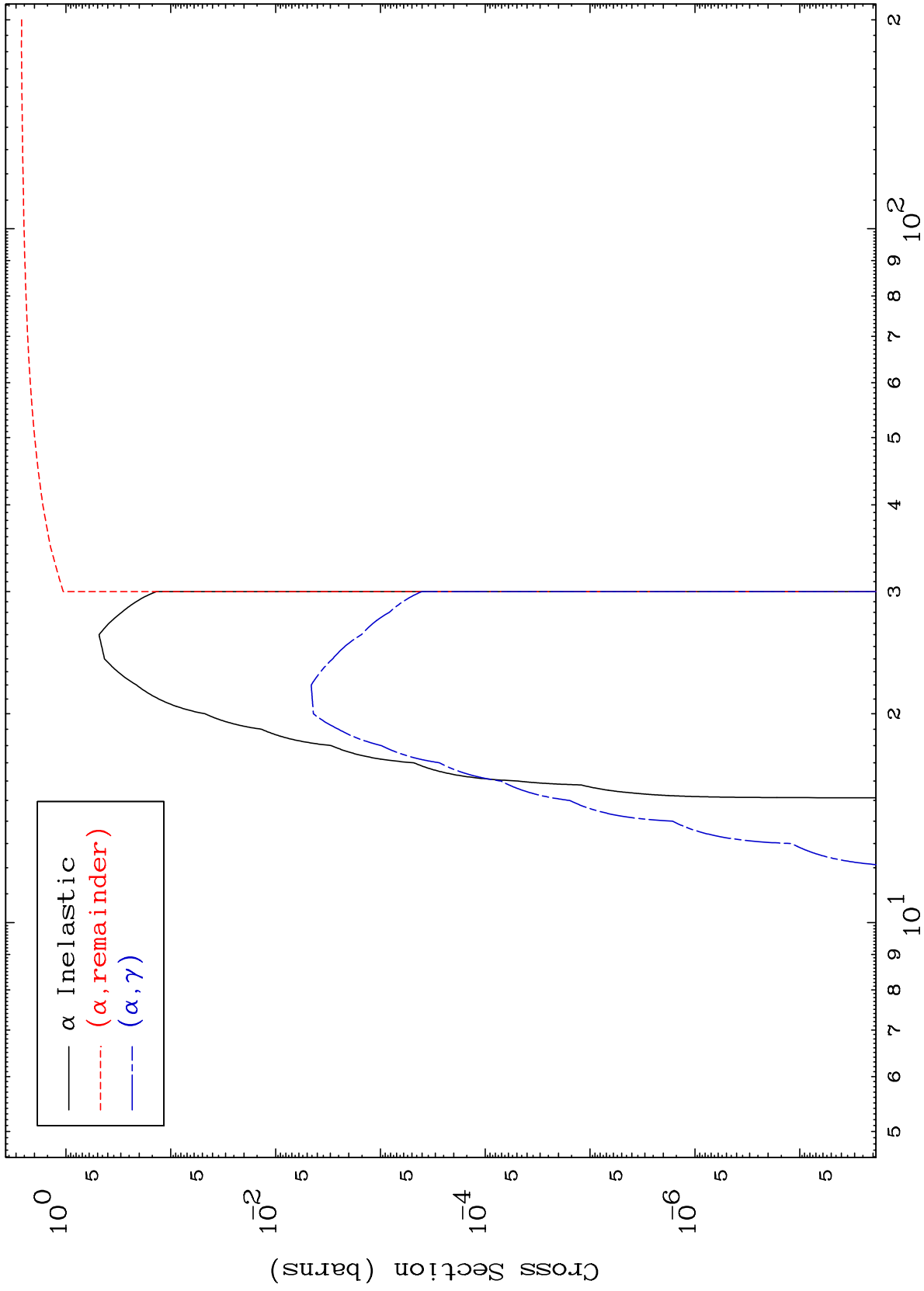
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8007

0 Kelvin  $\alpha$  Major  
Cross Sections

80-Hg-190



1

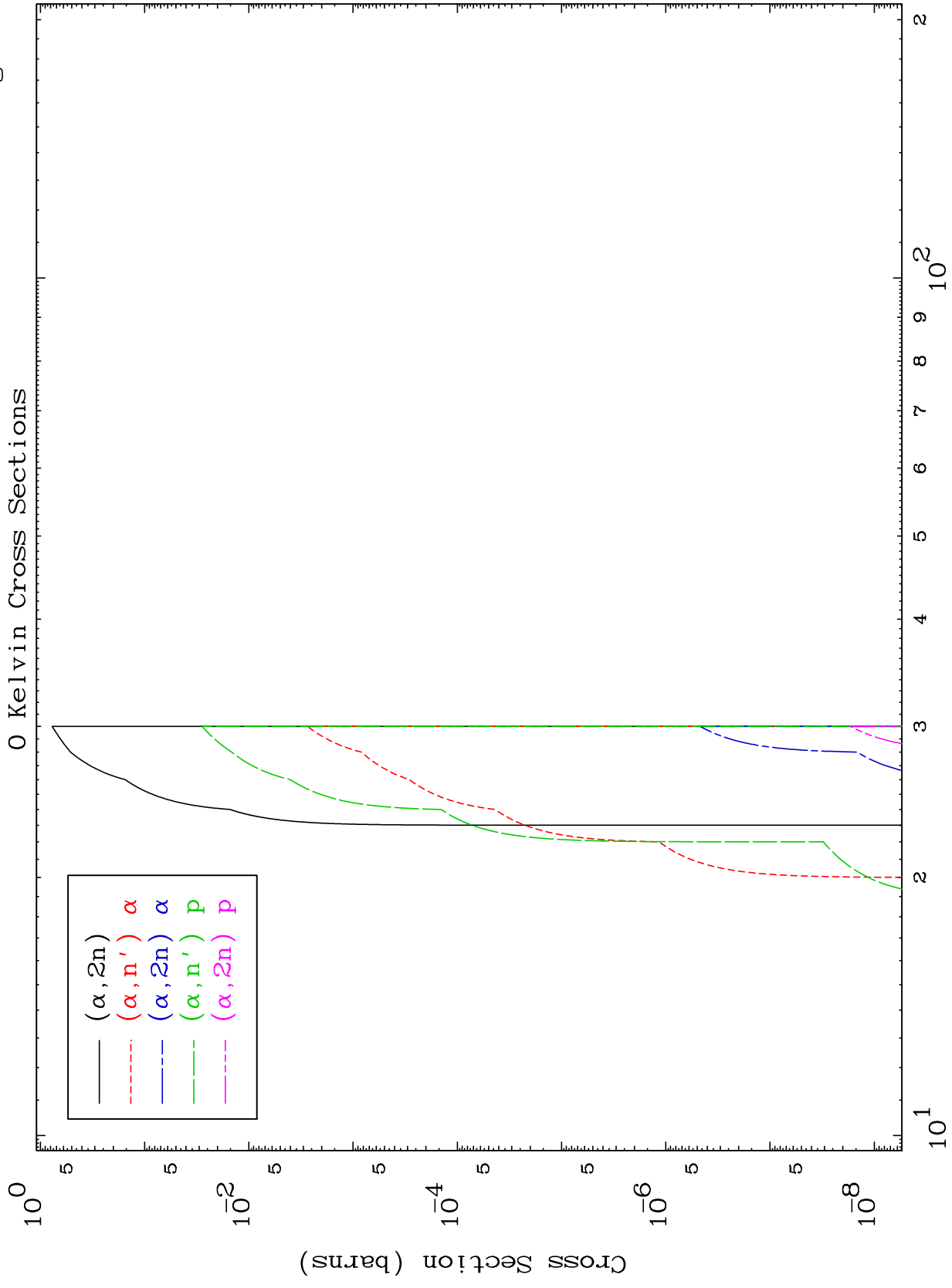
Incident Energy (MeV)

80-Hg-190

MAT 8007

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

80-Hg-190



80-Hg-190

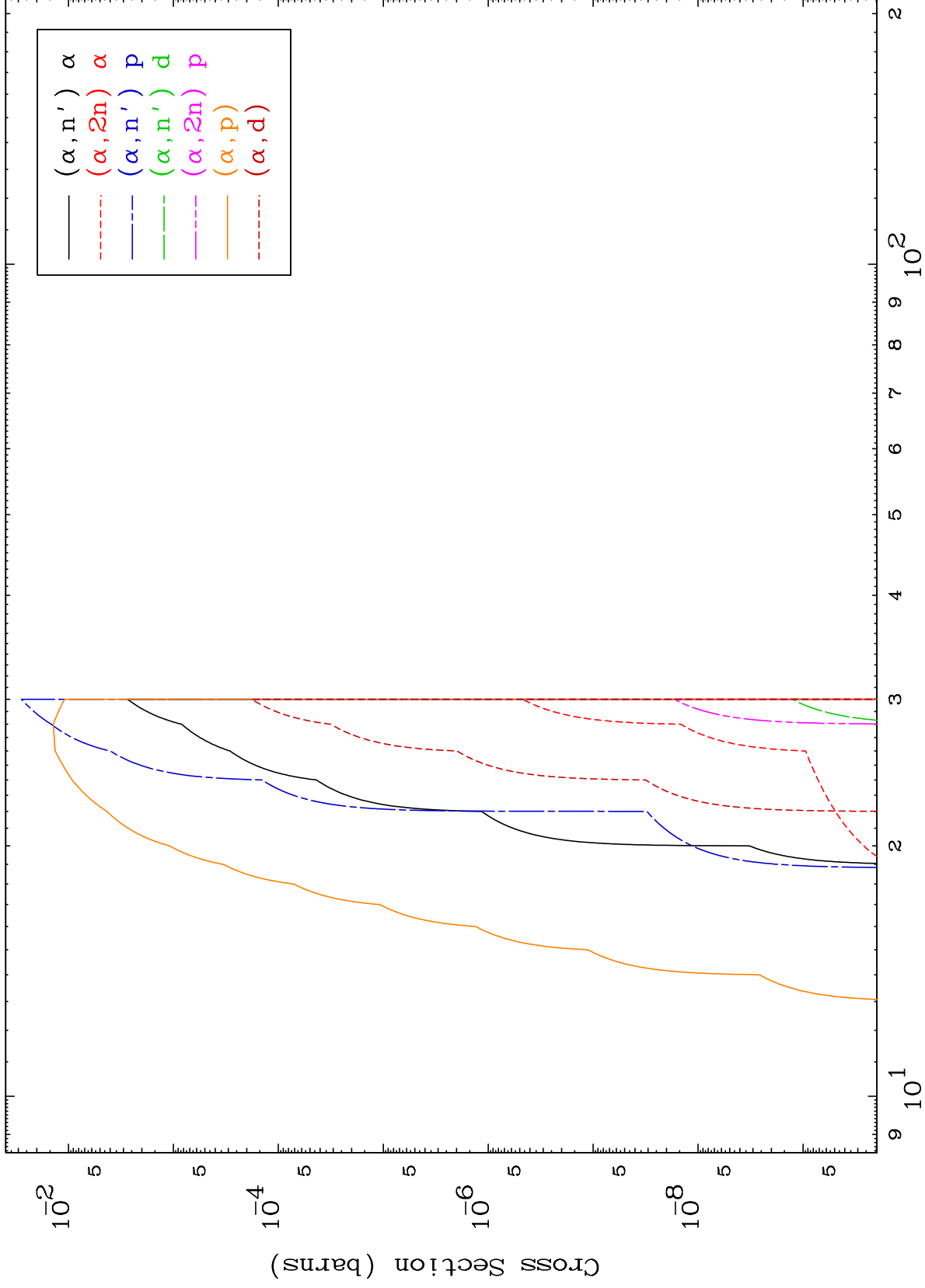
Incident Energy (MeV)

2

MAT 8007

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

80-Hg-190



3

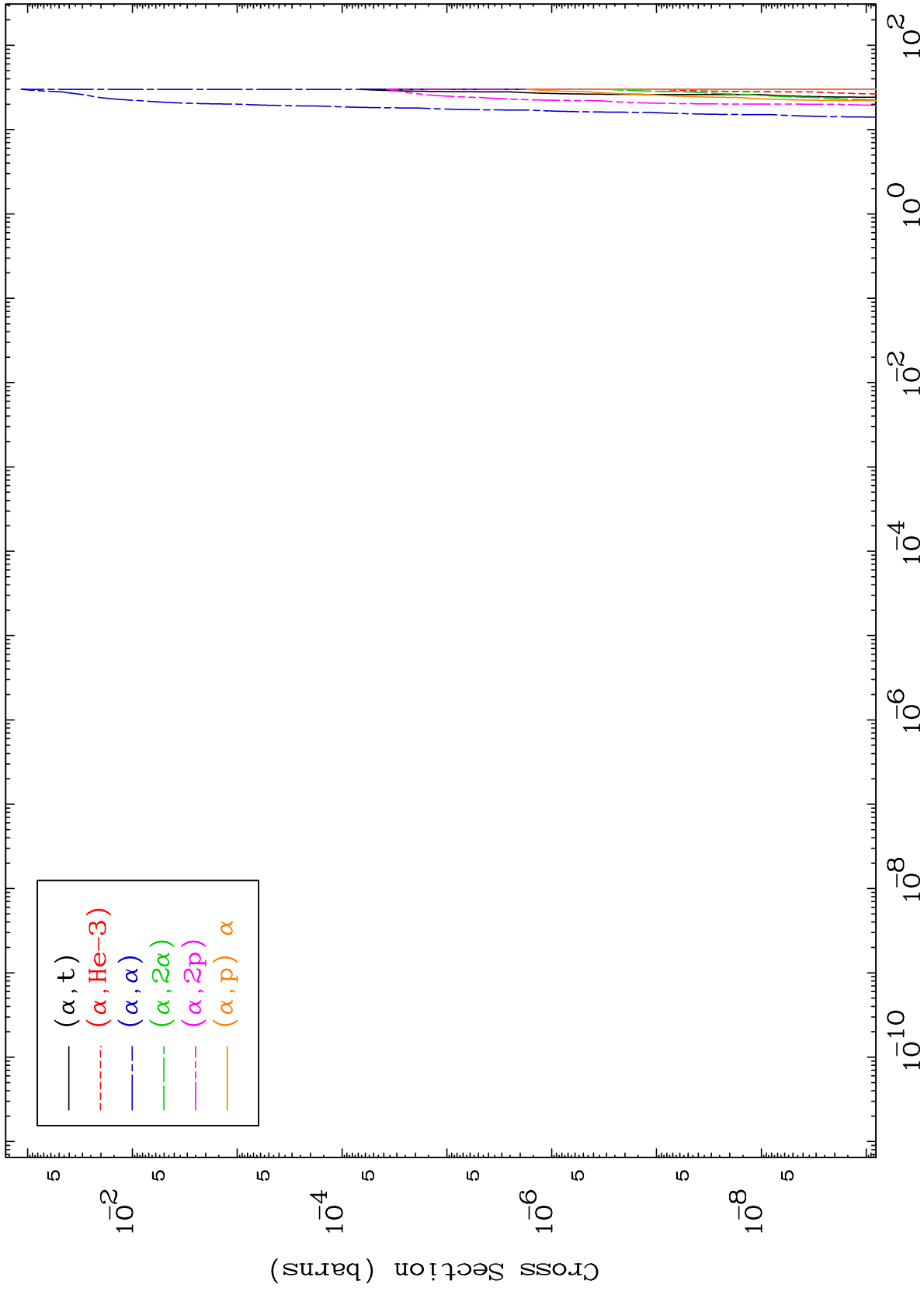
Incident Energy (MeV)

80-Hg-190

MAT 8007

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

80-Hg-190

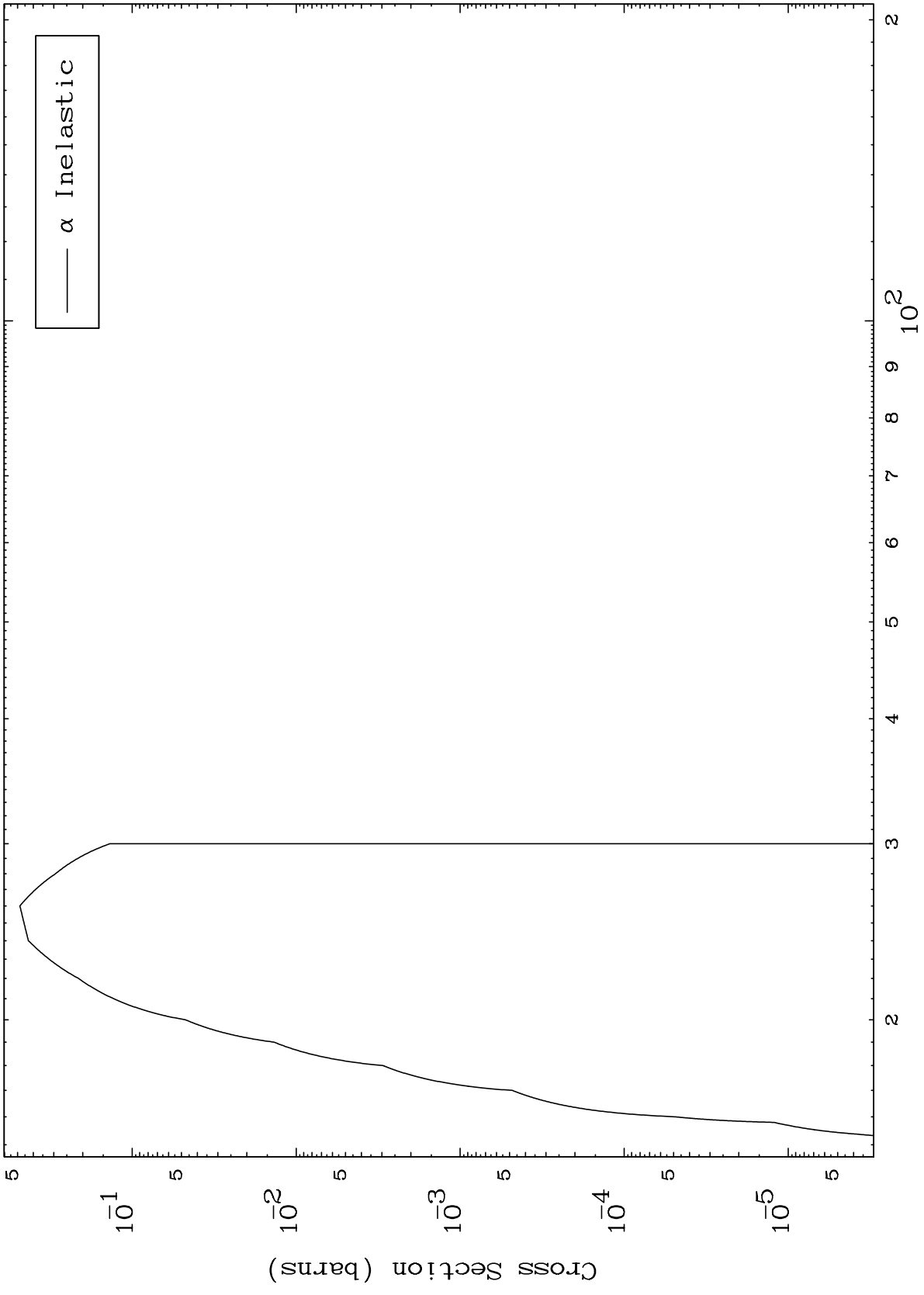


80-Hg-190

MAT 8007

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

80-Hg-190



5

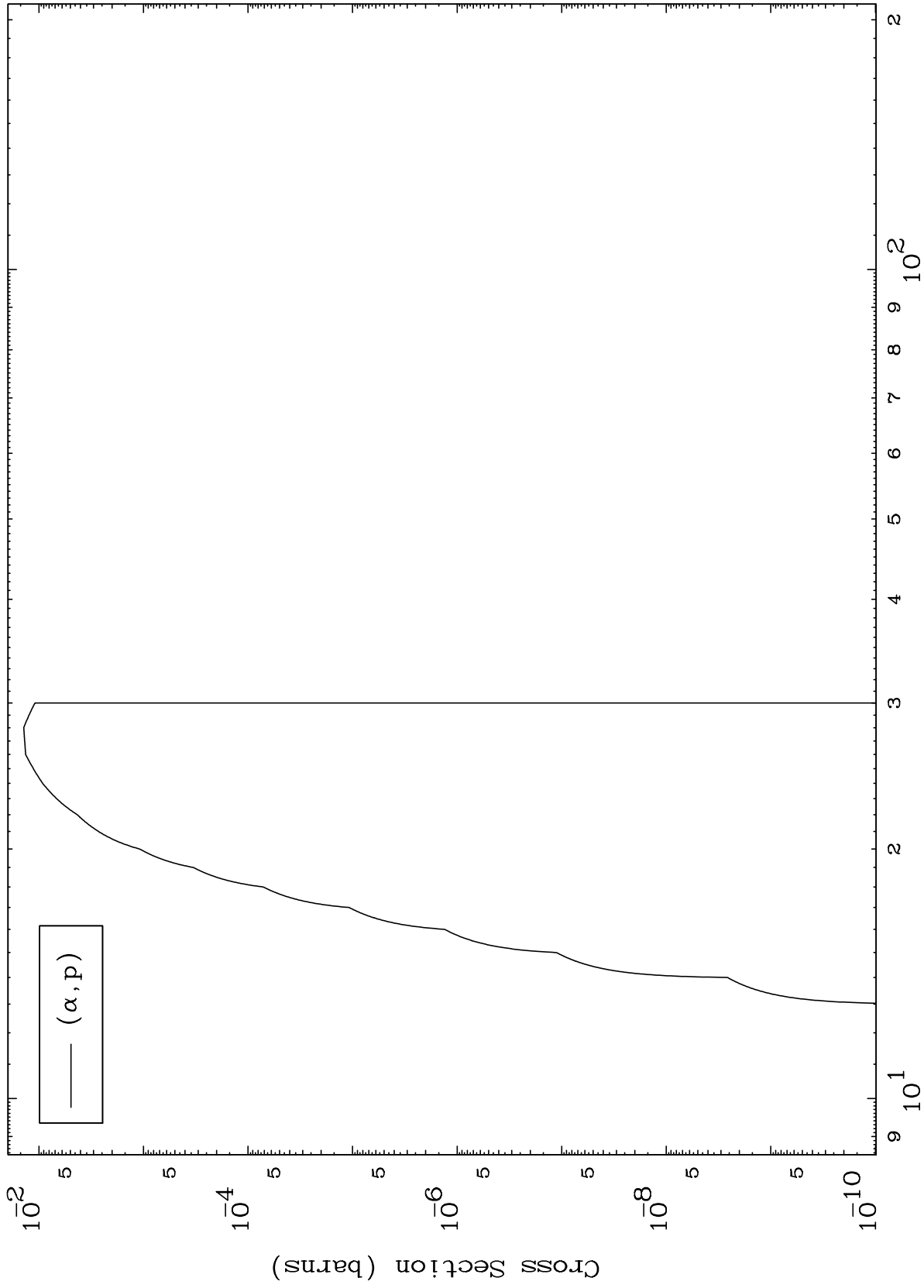
Incident Energy (MeV)

80-Hg-190

MAT 8007

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

80-Hg-190



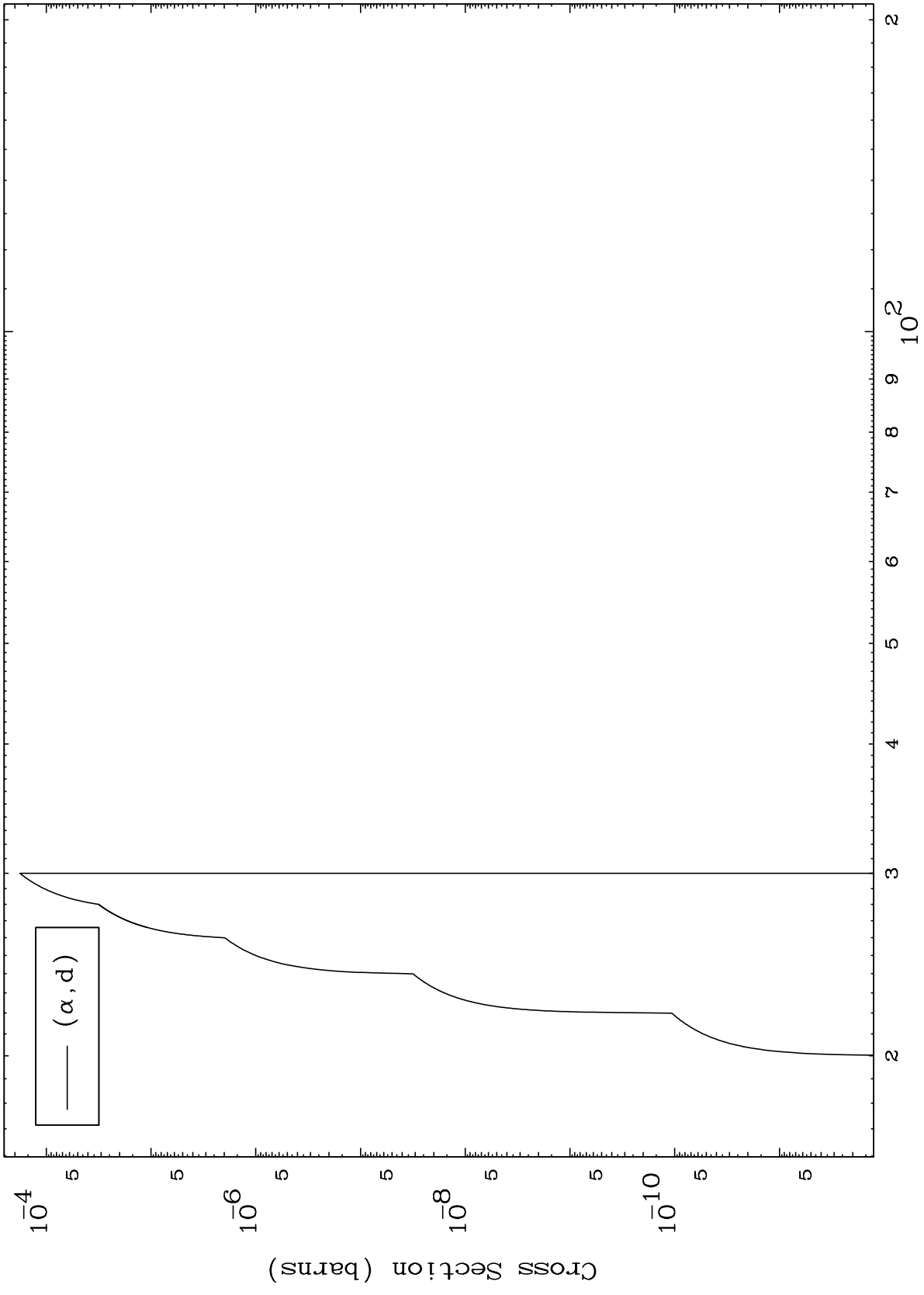
Incident Energy (MeV)

80-Hg-190

MAT 8007

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

80-Hg-190



7

Incident Energy (MeV)

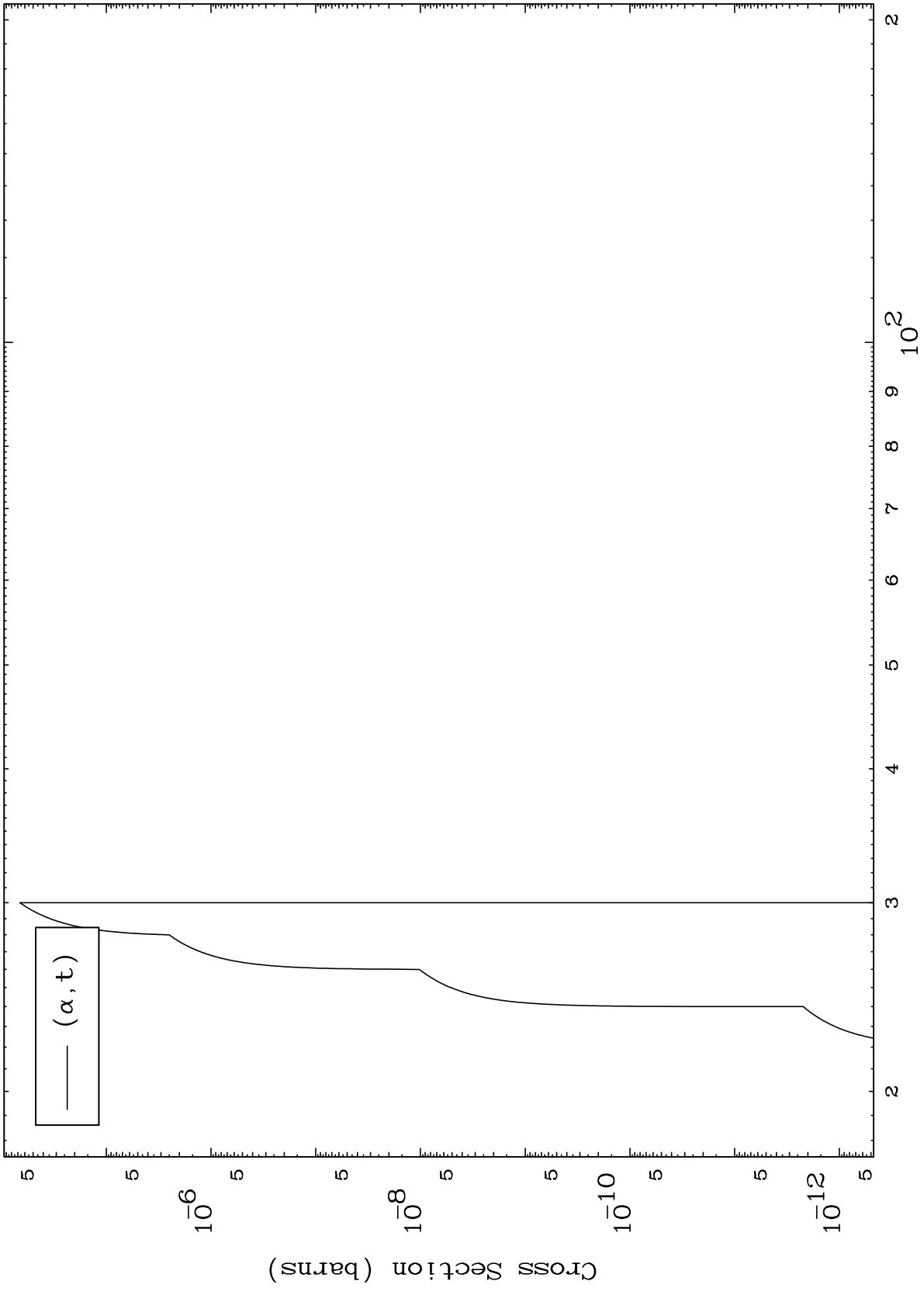
80-Hg-190



MAT 8007

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

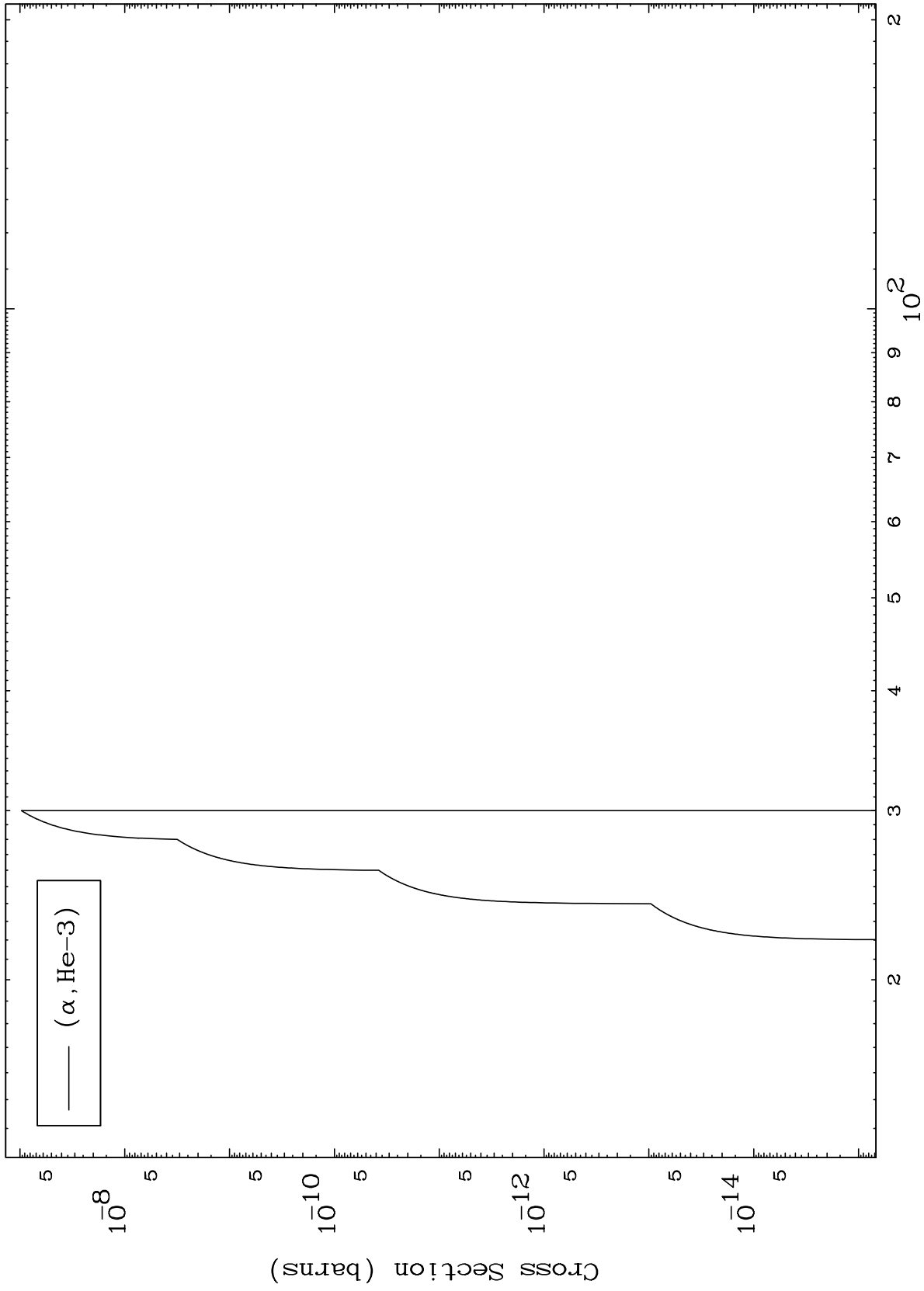
80-Hg-190



8

Incident Energy (MeV)

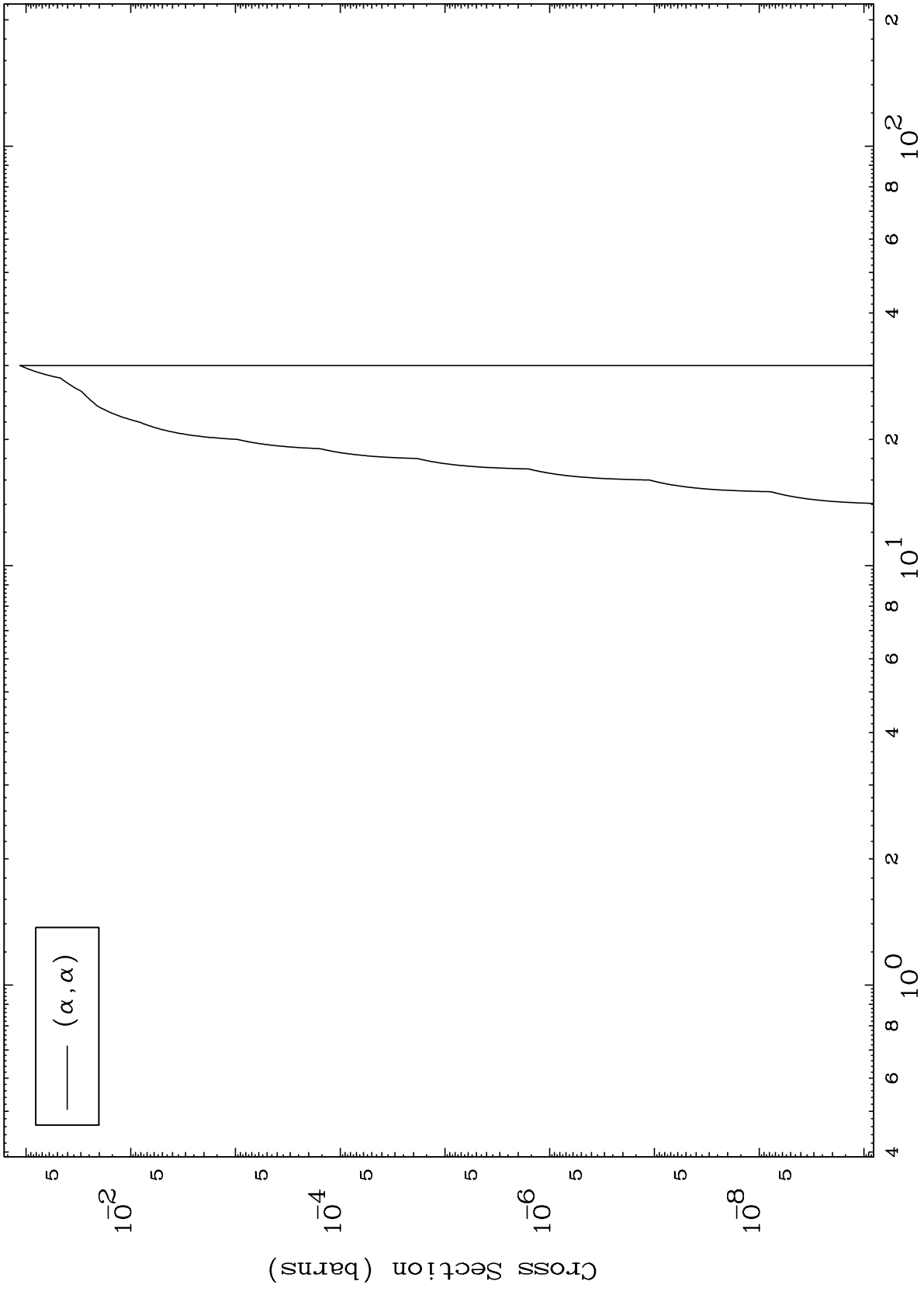
80-Hg-190



MAT 8007

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

80-Hg-190

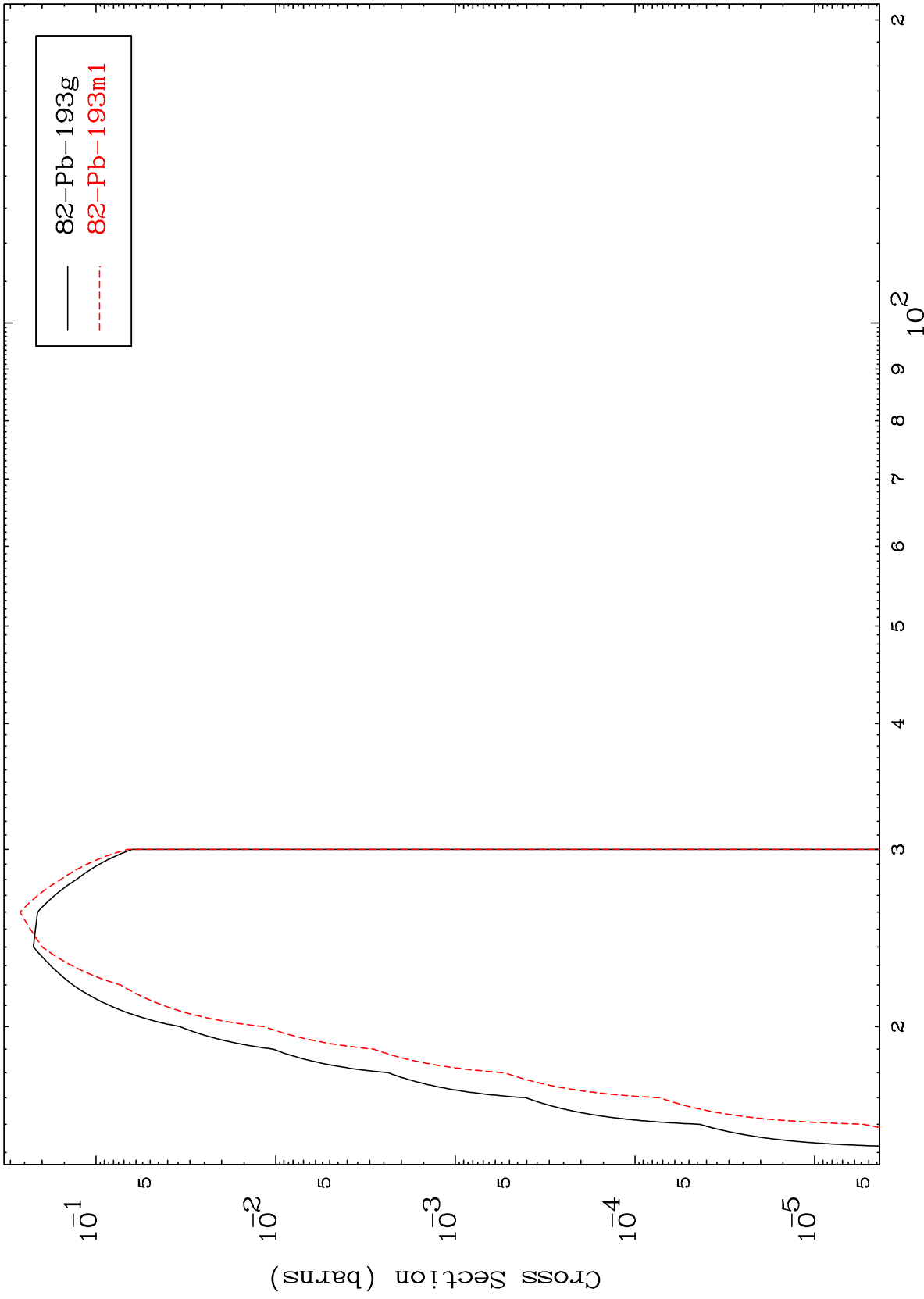


10

Incident Energy (MeV)

80-Hg-190

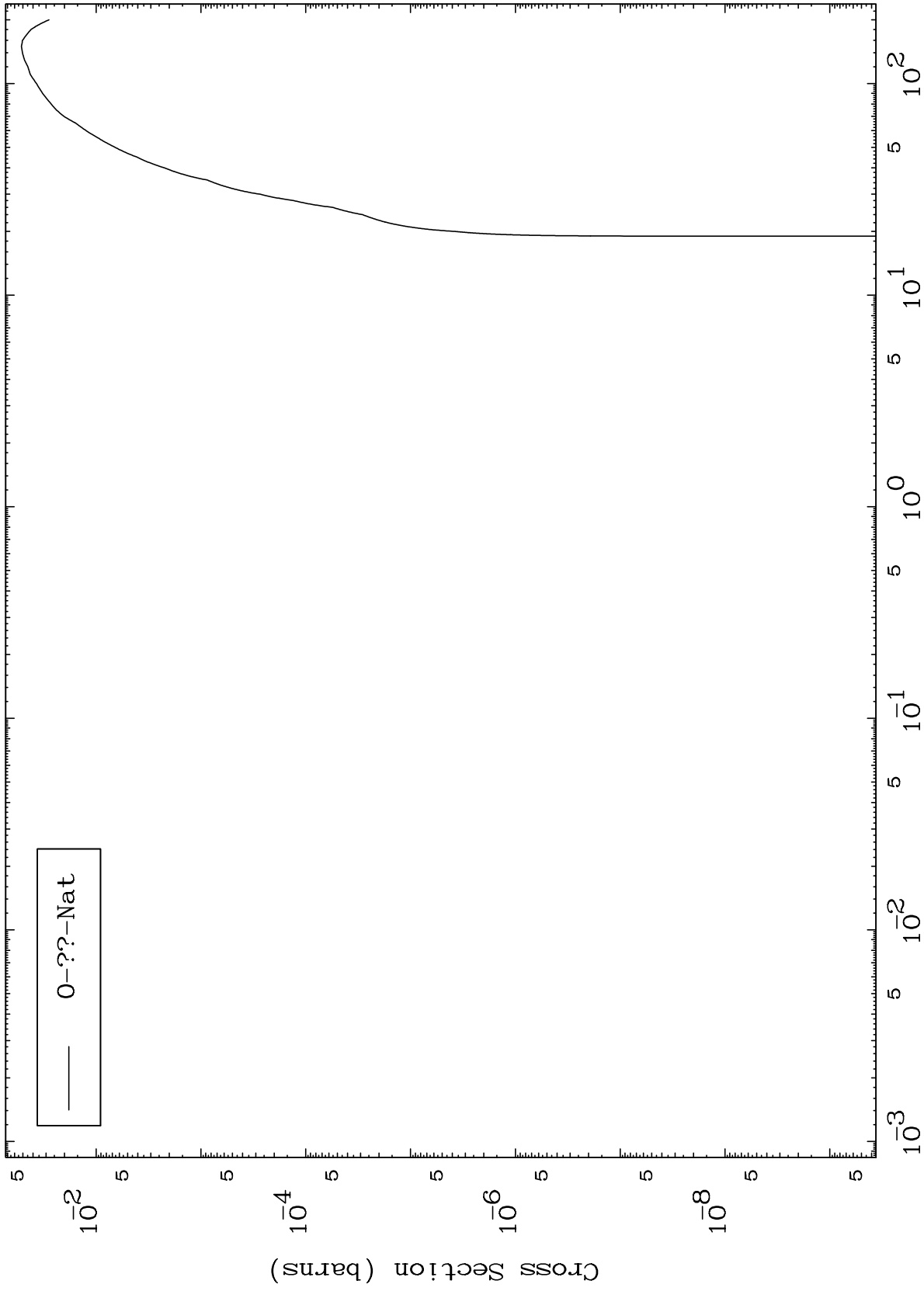
$\alpha$  Inelastic  
Radionuclide Production Cross Section



MAT 8007

$\alpha$  Fission  
Radionuclide Production Cross Section

80-Hg-190



12

Incident Energy (MeV)

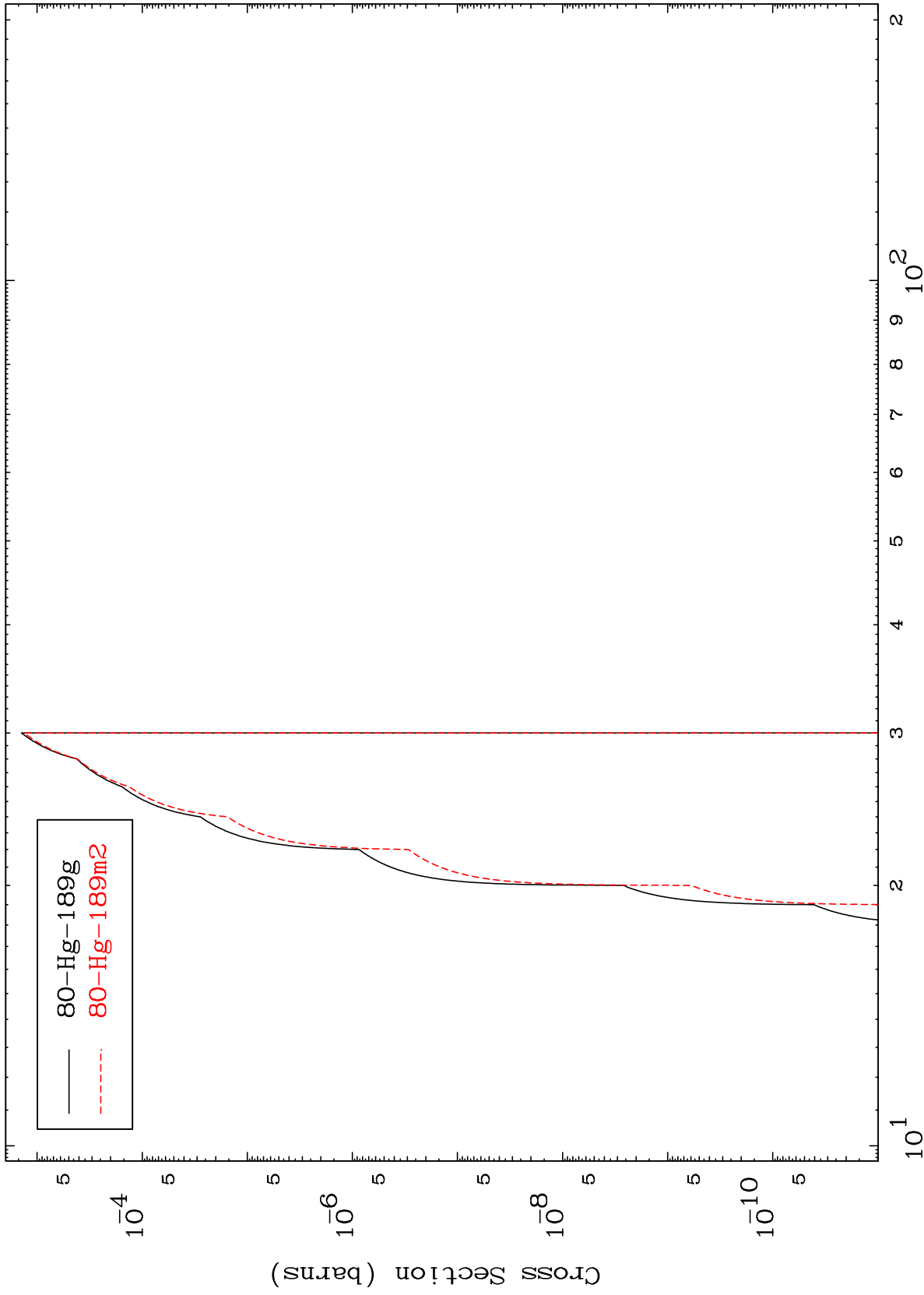
80-Hg-190

MAT 8007

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

80-Hg-190

Radionuclide Production Cross Section



13

Incident Energy (MeV)

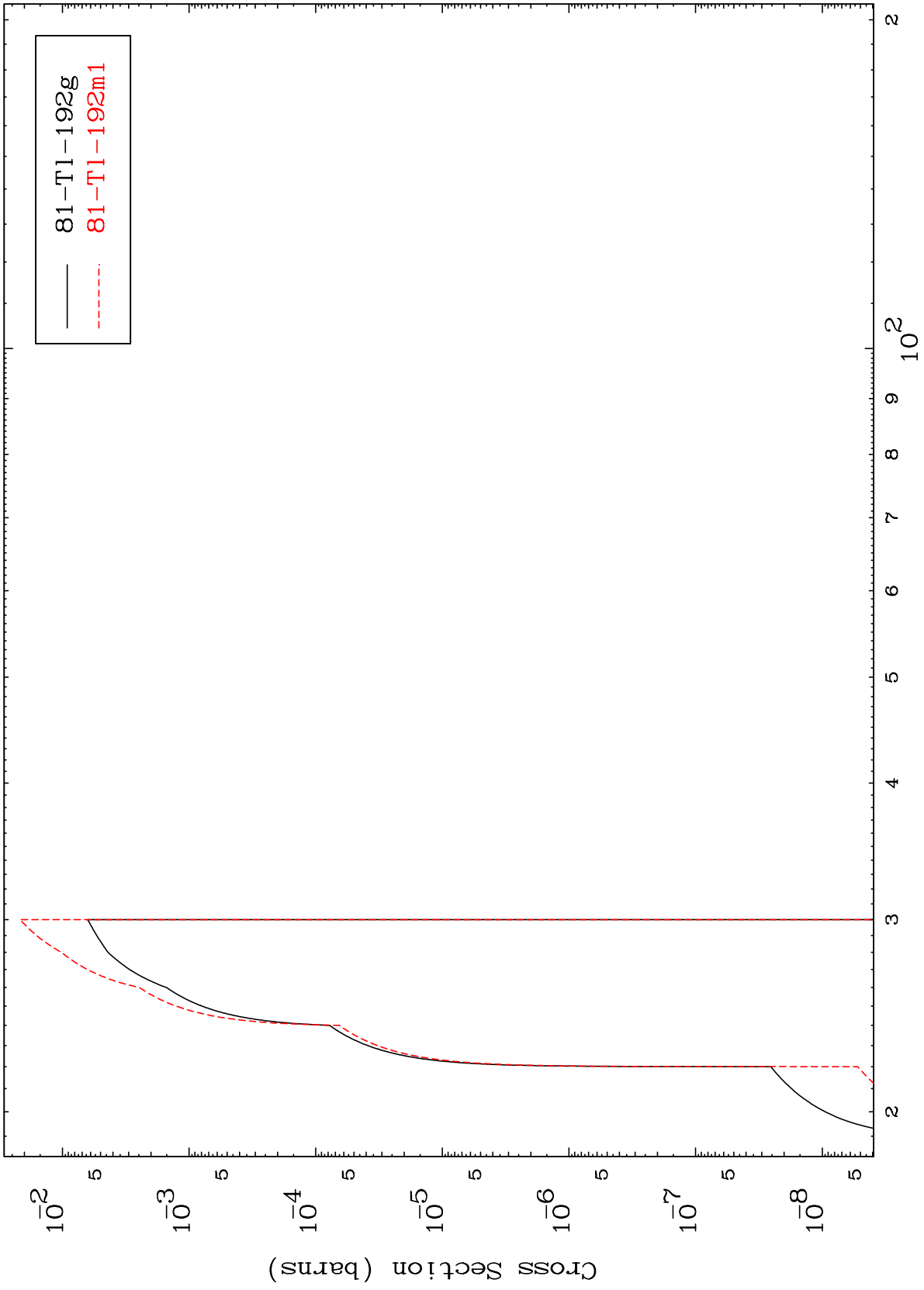
80-Hg-190

MAT 8007

$(\alpha, n')$  p

80-Hg-190

Radionuclide Production Cross Section



14

Incident Energy (MeV)

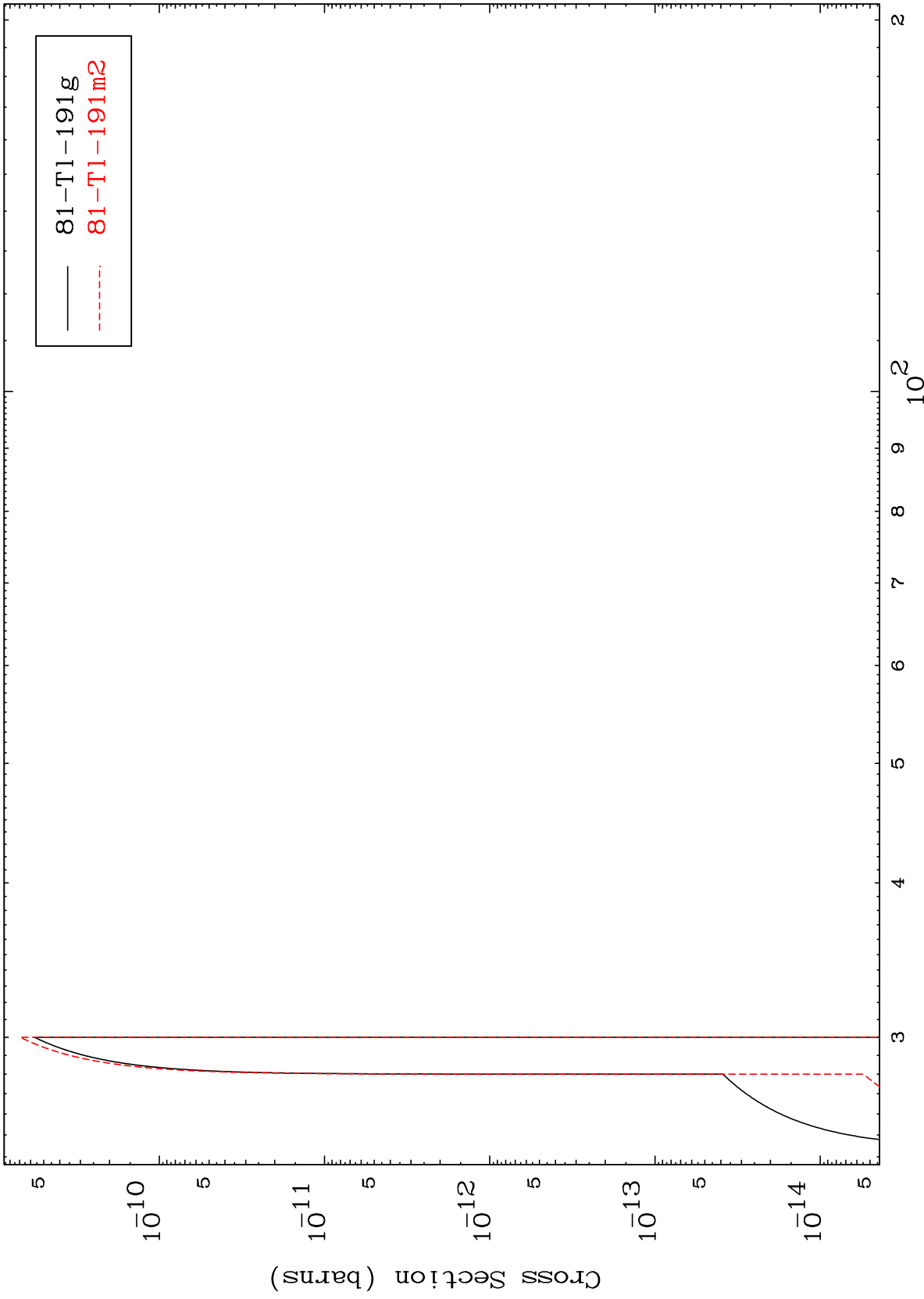
80-Hg-190

MAT 8007

( $\alpha, n'$ ) d

80-Hg-190

Radionuclide Production Cross Section



15

Incident Energy (MeV)

80-Hg-190

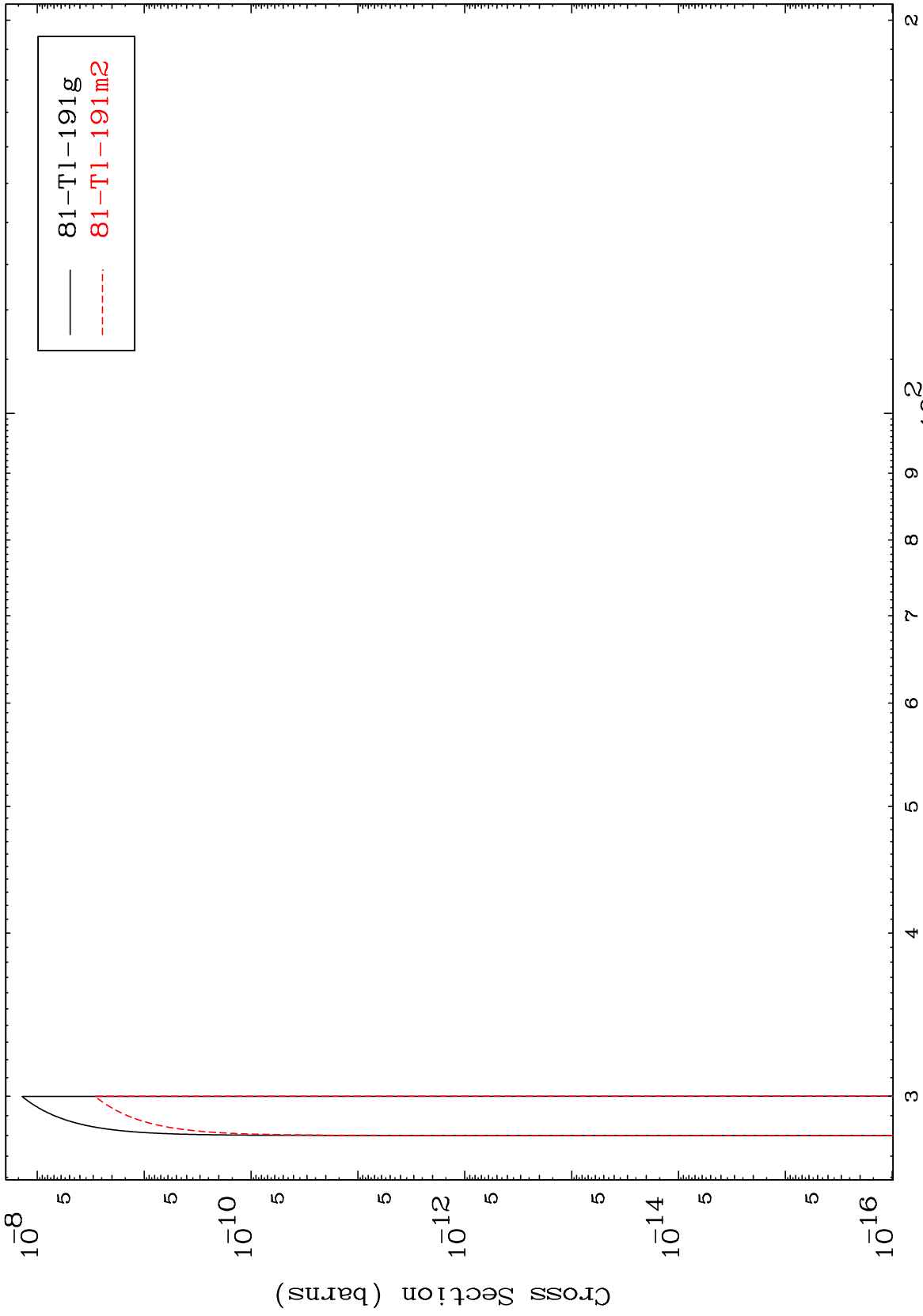


MAT 8007

( $\alpha, 2n$ ) p

80-Hg-190

Radionuclide Production Cross Section



16

Incident Energy (MeV)

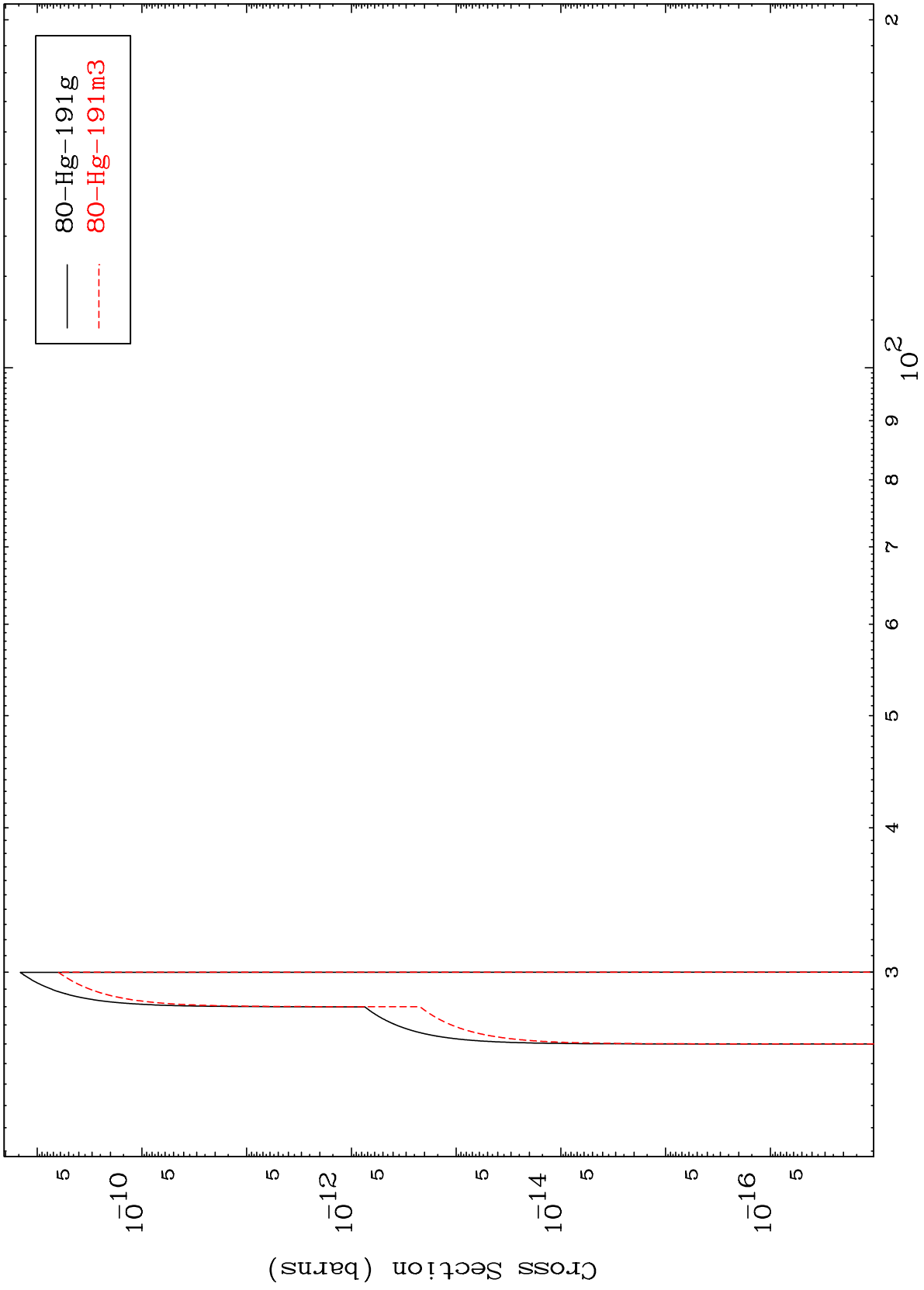
80-Hg-190

MAT 8007

$(\alpha, 2n)$  p

80-Hg-190

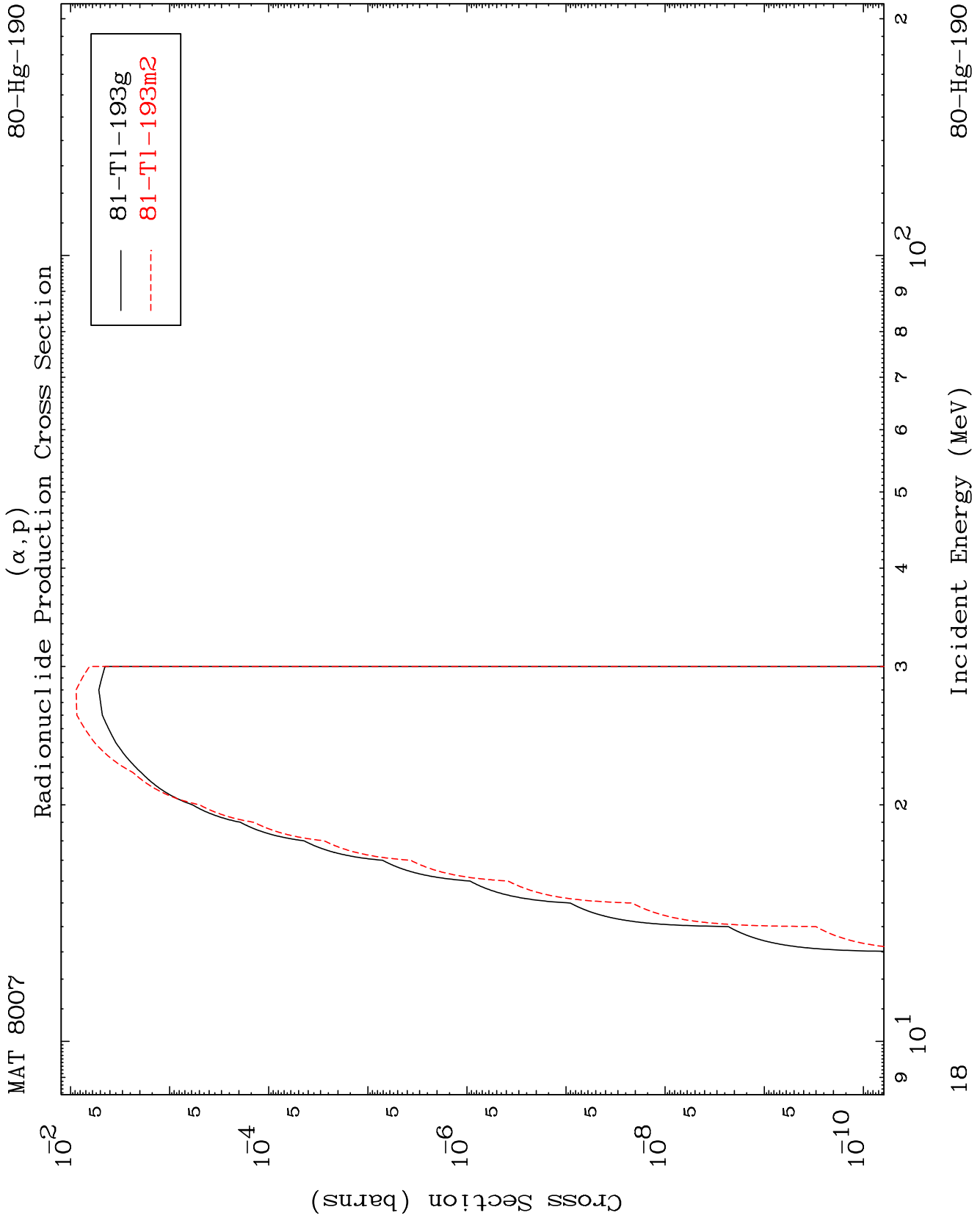
Radionuclide Production Cross Section



17

Incident Energy (MeV)

80-Hg-190

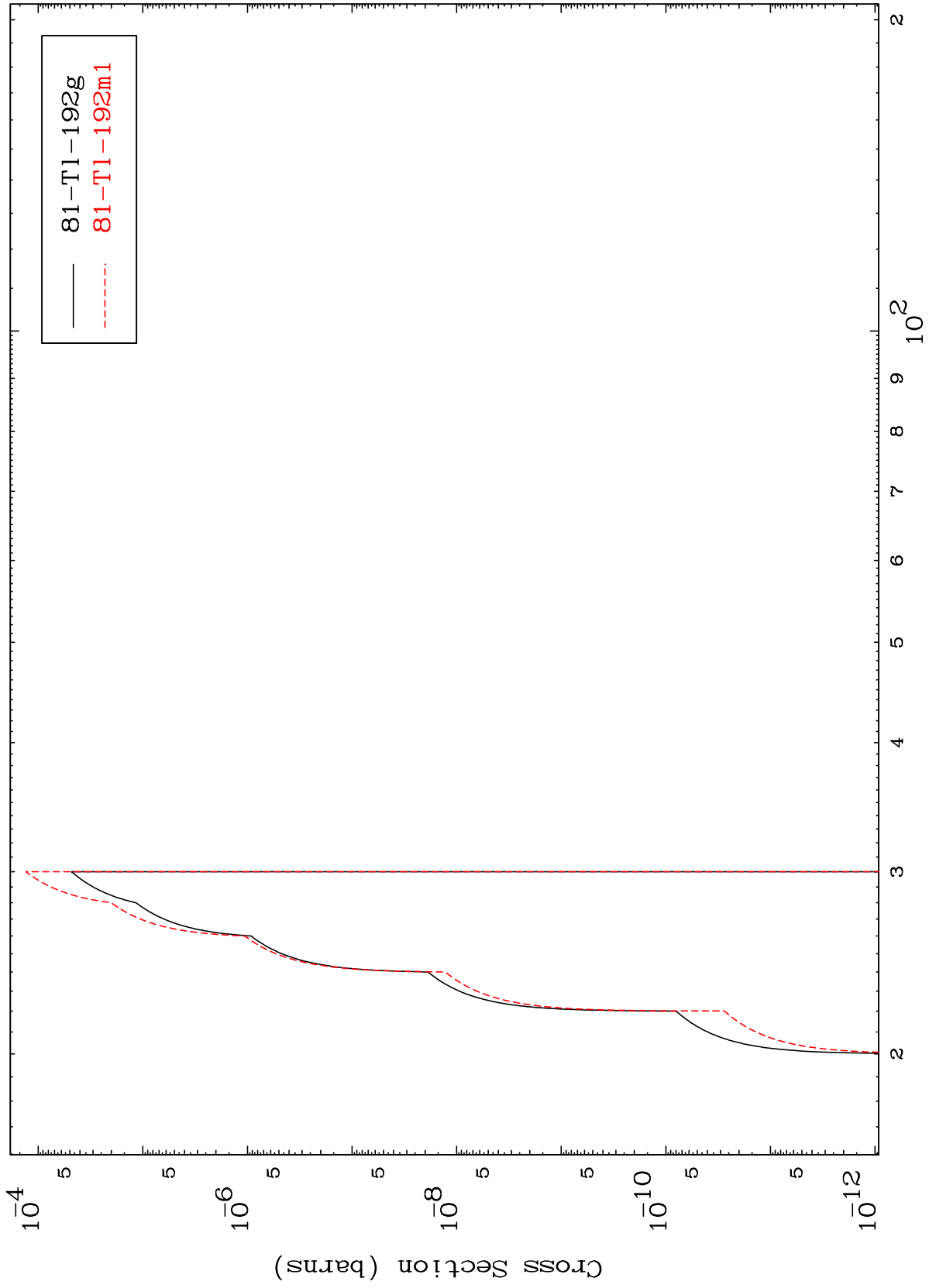


MAT 8007

( $\alpha, d$ )

80-Hg-190

Radionuclide Production Cross Section



19

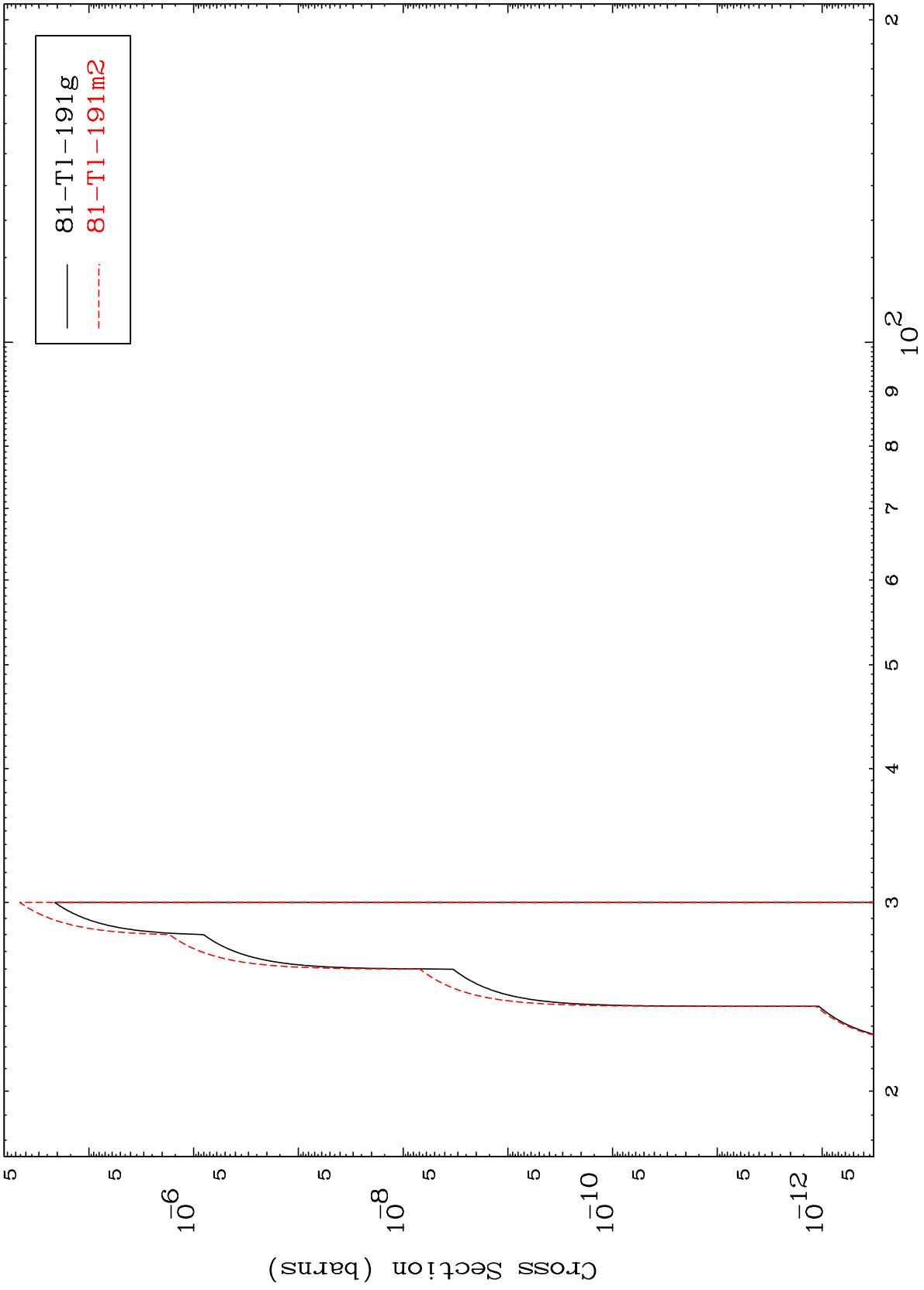
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

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



20

Incident Energy (MeV)

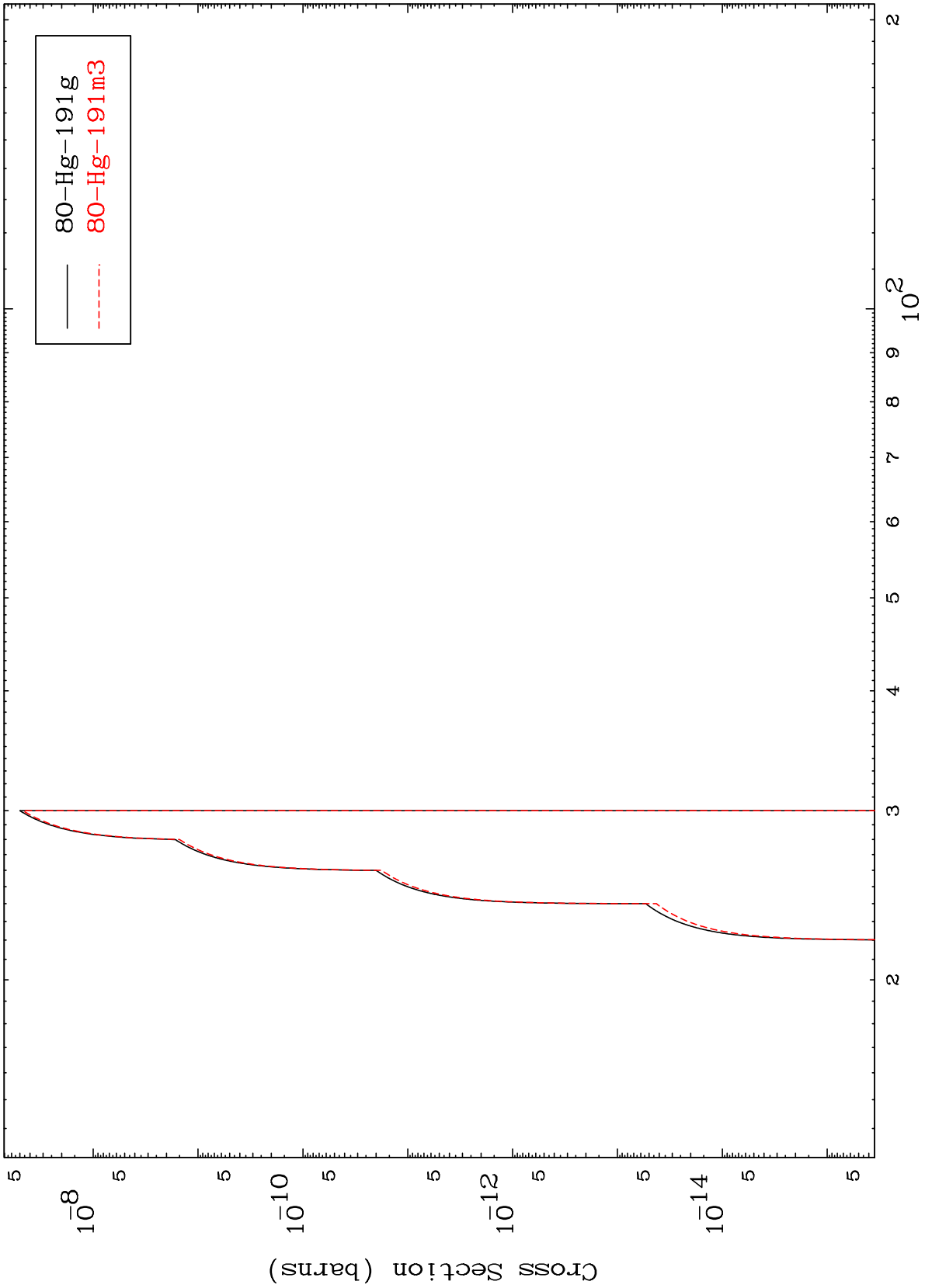
80-Hg-190

MAT 8007

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

80-Hg-190

Radionuclide Production Cross Section



21

Incident Energy (MeV)

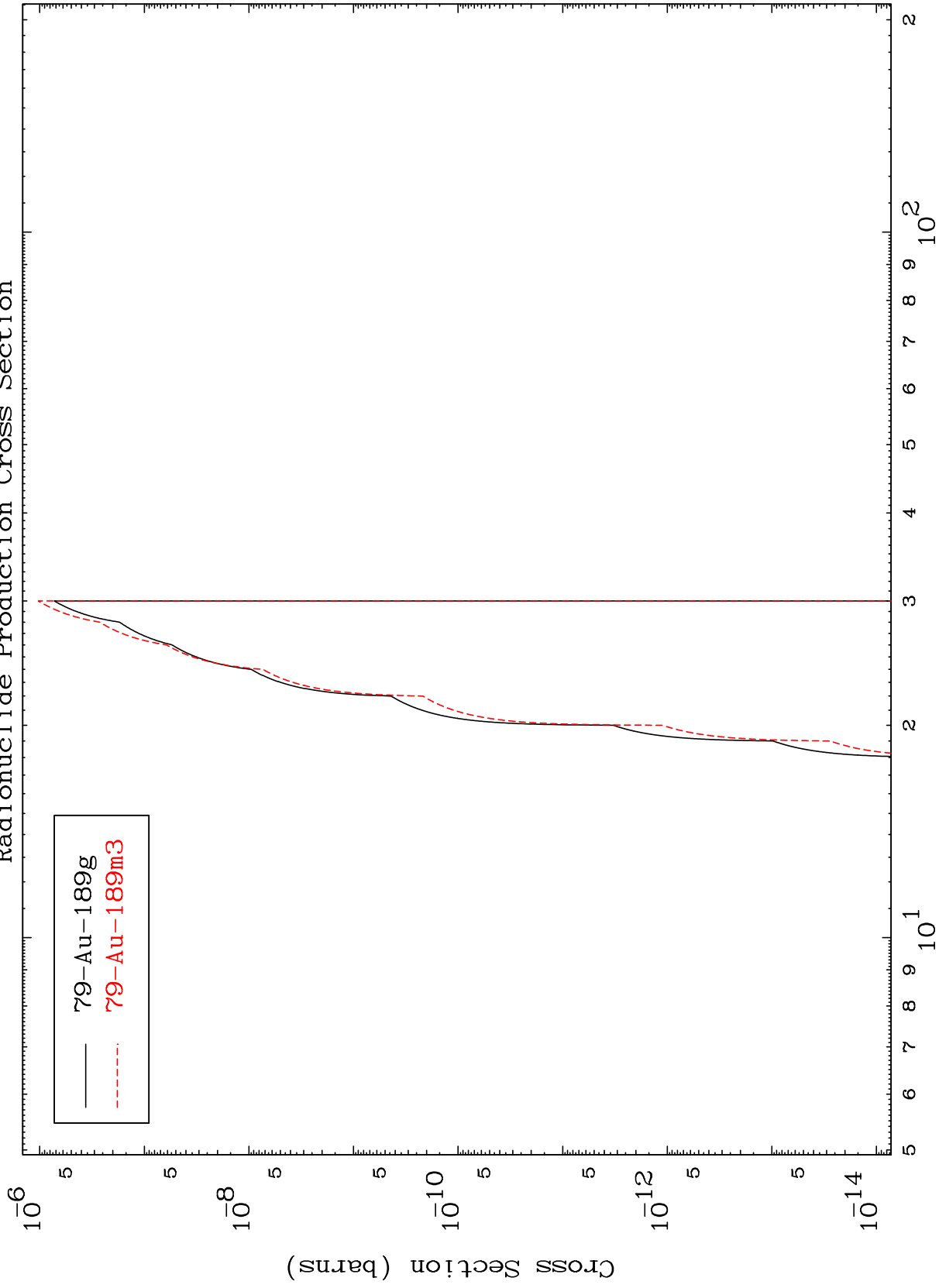
80-Hg-190

MAT 8007

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

80-Hg-190

Radionuclide Production Cross Section



22

Incident Energy (MeV)

80-Hg-190