

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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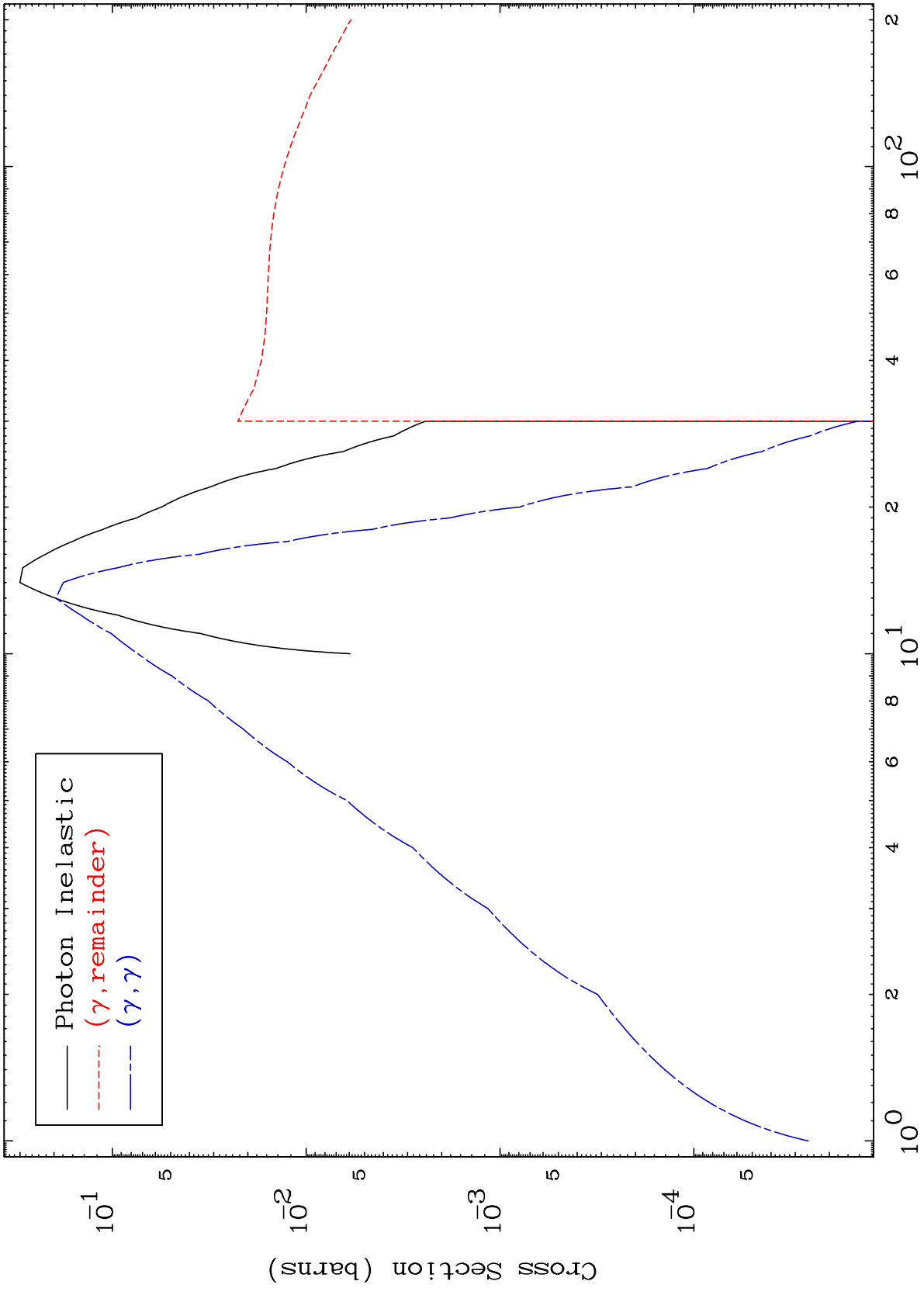
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8007

Photon Major  
0 Kelvin Cross Sections

80-Hg-190



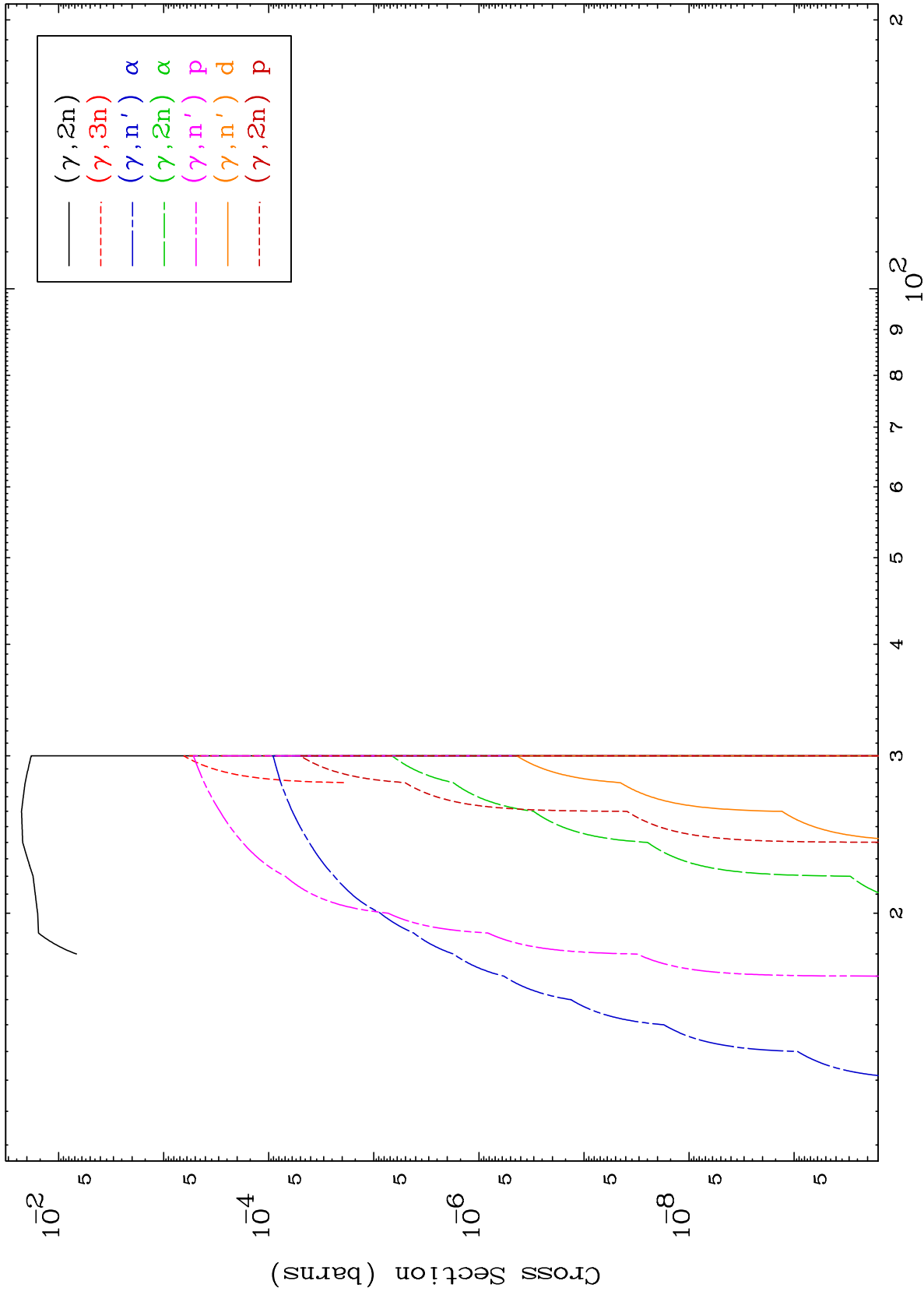
Incident Energy (MeV)

80-Hg-190

MAT 8007

Photon Neutron Production  
0 Kelvin Cross Sections

80-Hg-190



2

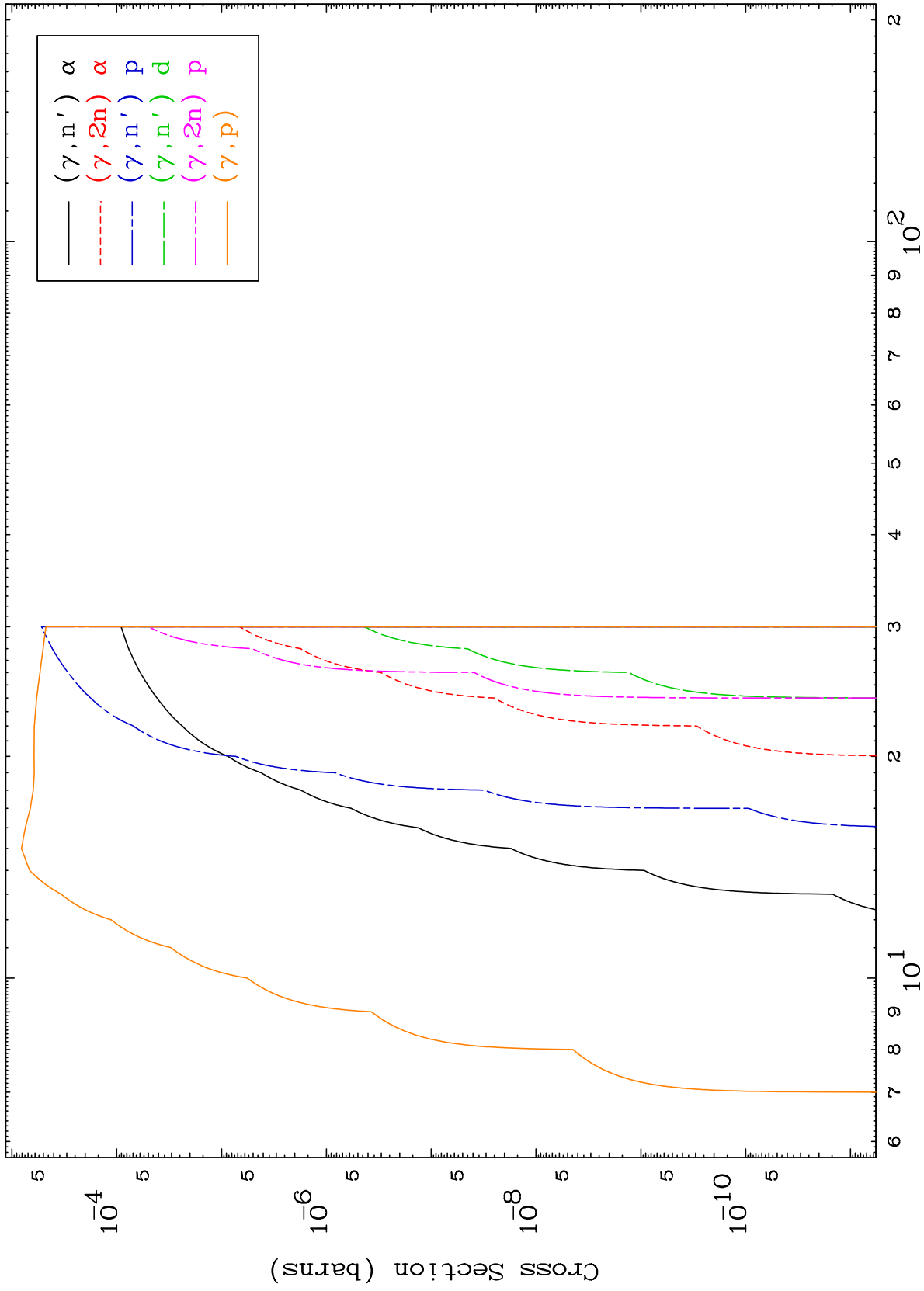
Incident Energy (MeV)

80-Hg-190

MAT 8007

Photon Charged Particle  
0 Kelvin Cross Sections

80-Hg-190



3

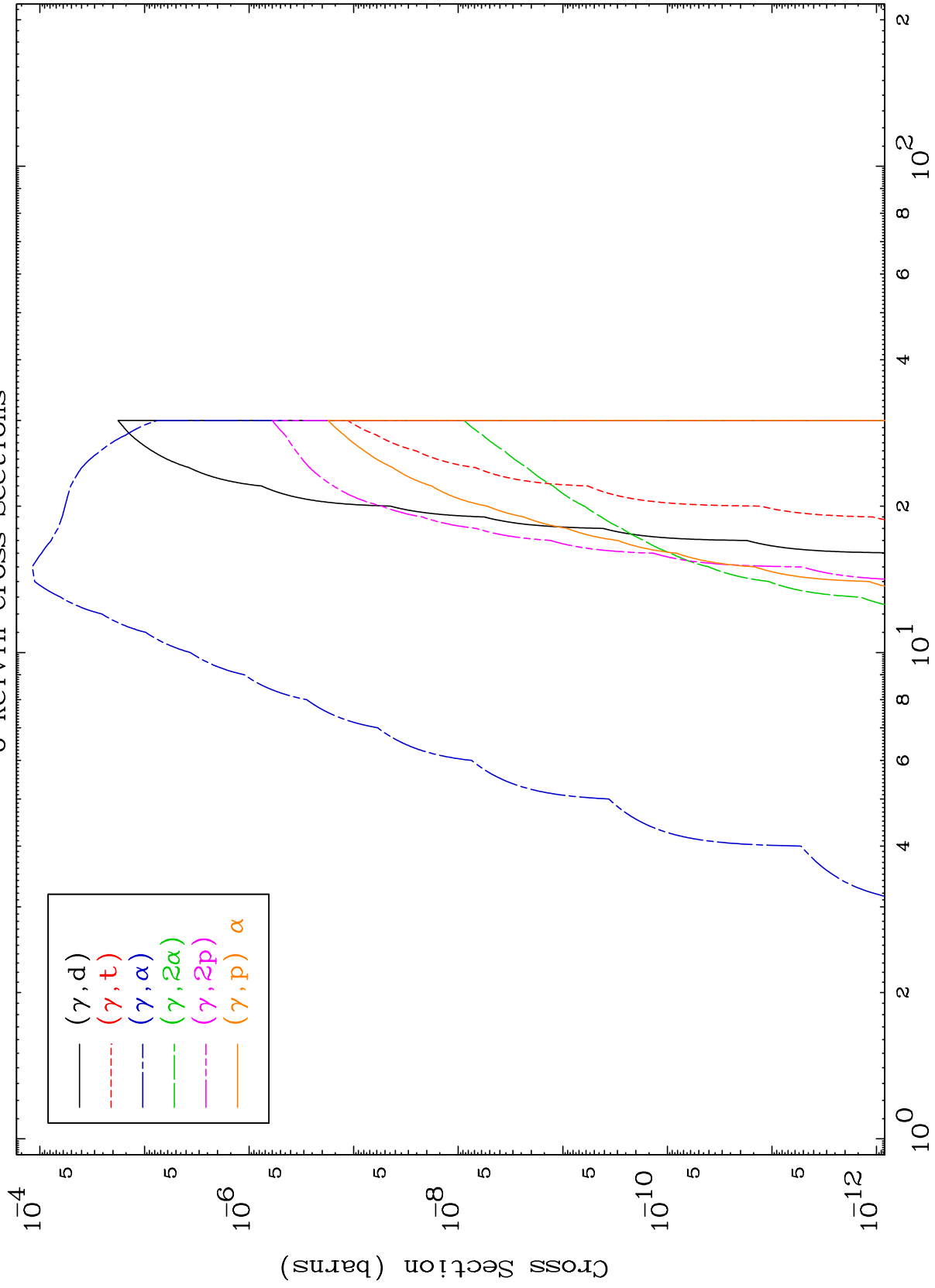
Incident Energy (MeV)

80-Hg-190

MAT 8007

Photon Charged Particle  
0 Kelvin Cross Sections

80-Hg-190



Incident Energy (MeV)

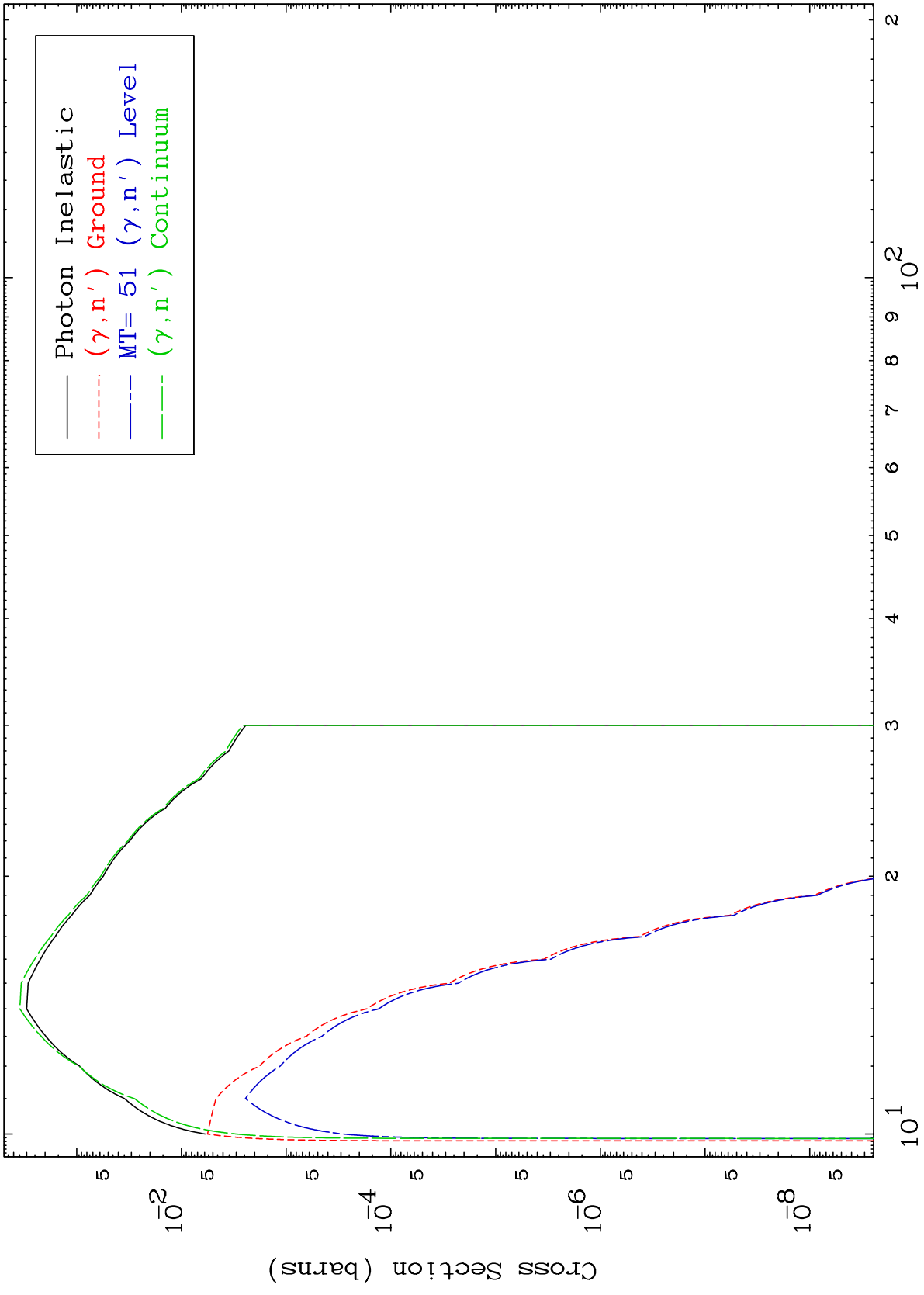
80-Hg-190

MAT 8007

$(\gamma, n')$  Level

80-Hg-190

0 Kelvin Cross Sections



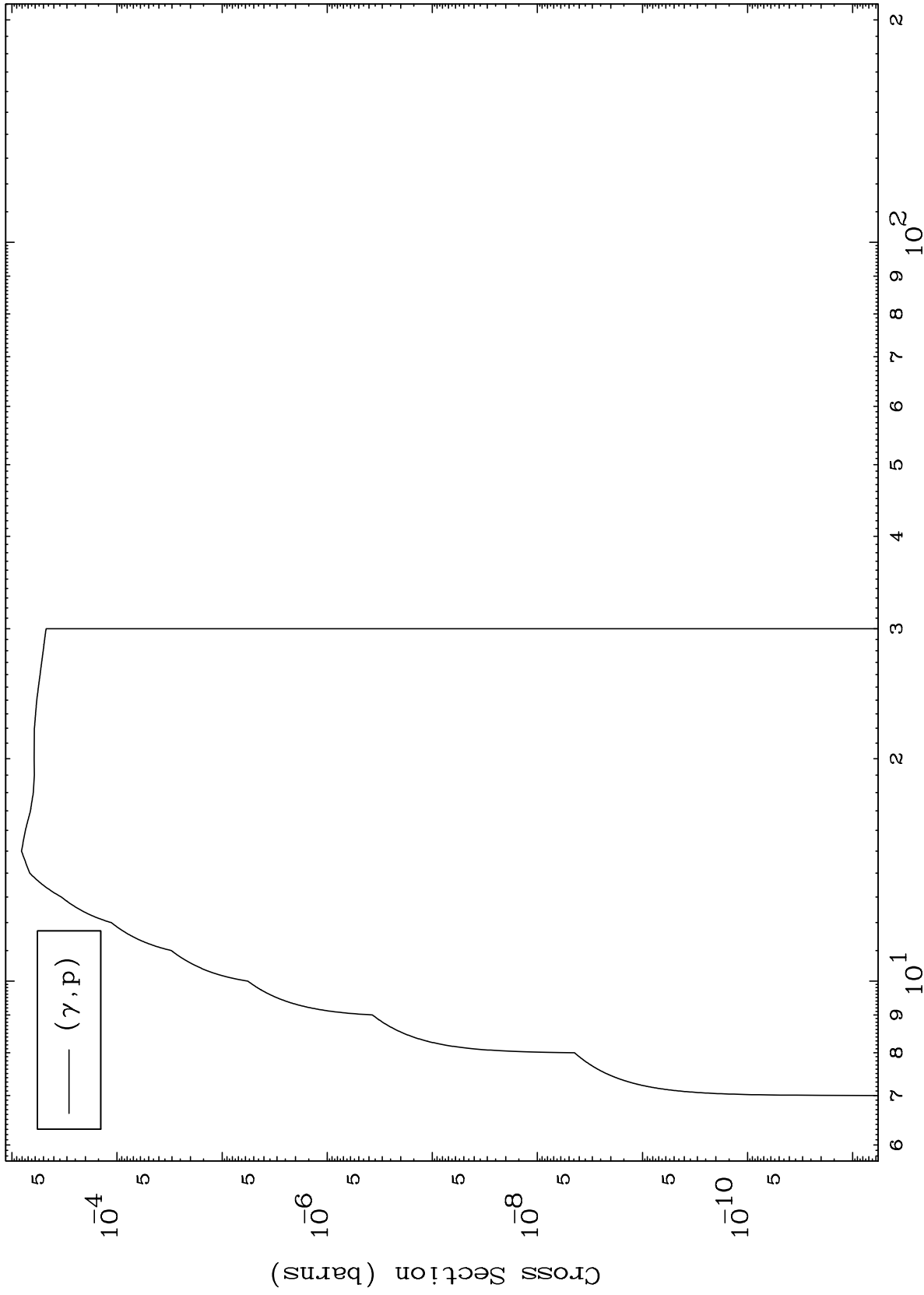
Incident Energy (MeV)

80-Hg-190

MAT 8007

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

80-Hg-190



6

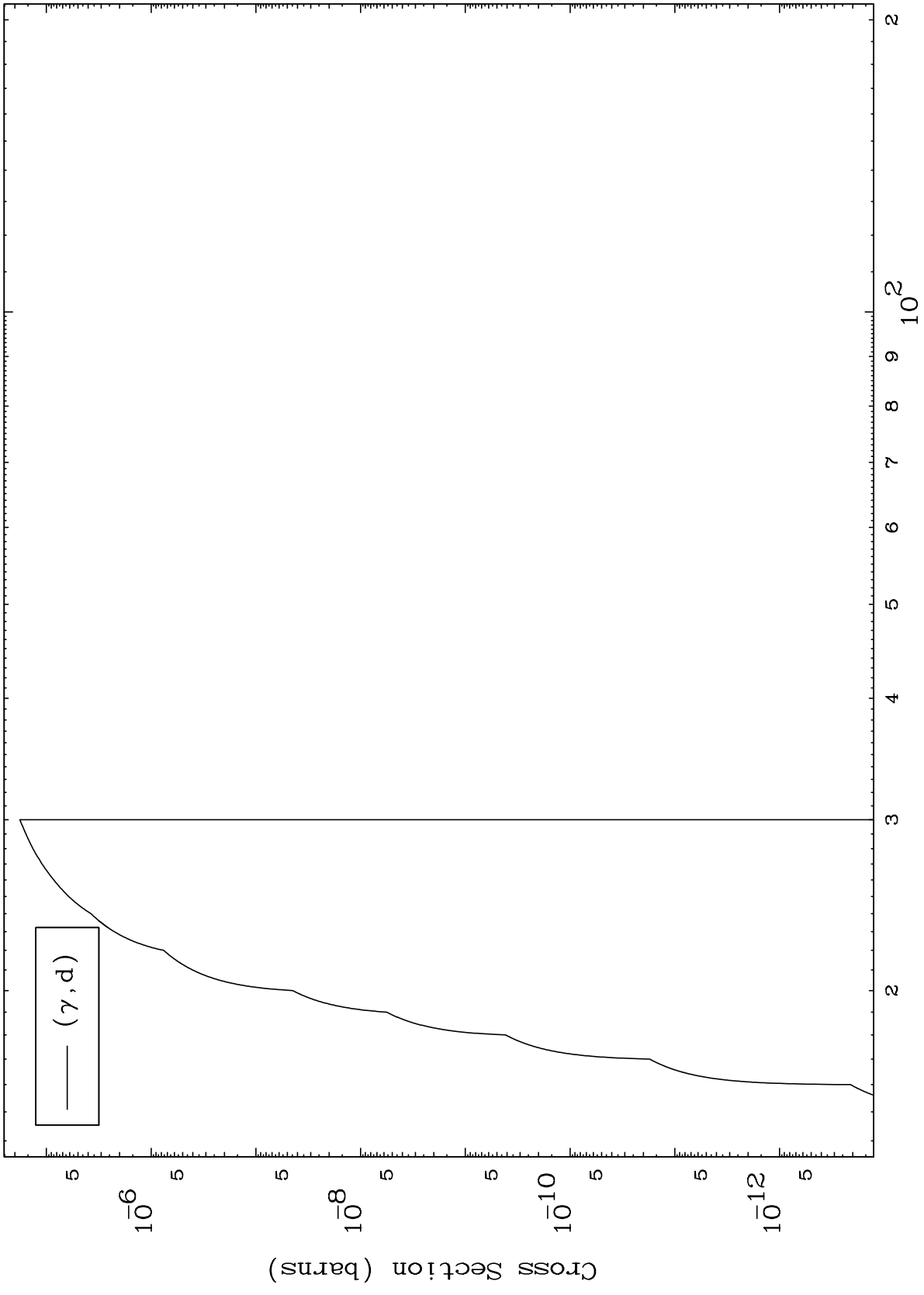
Incident Energy (MeV)

80-Hg-190

MAT 8007

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

80-Hg-190



7

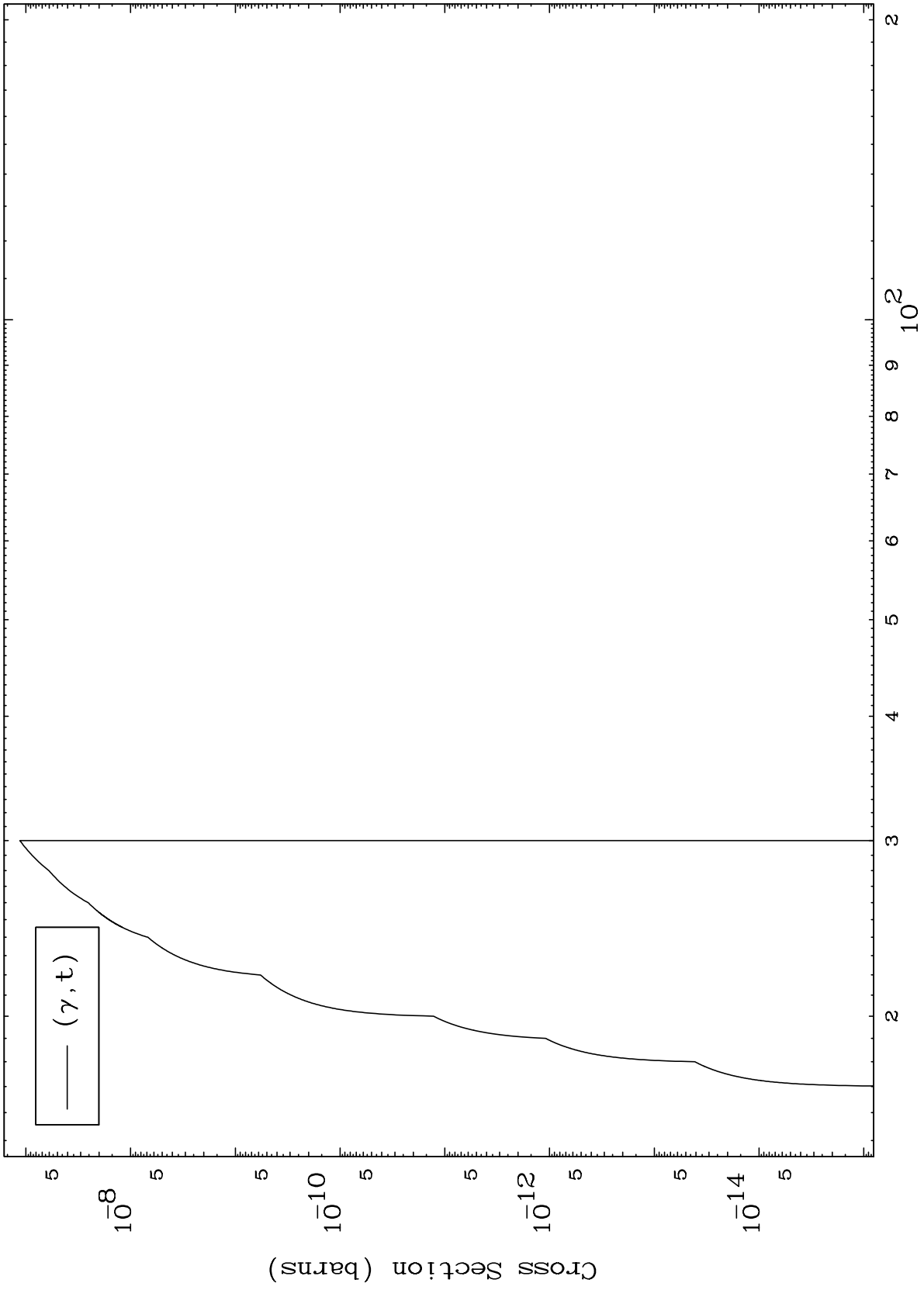
80-Hg-190



MAT 8007

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

80-Hg-190



8

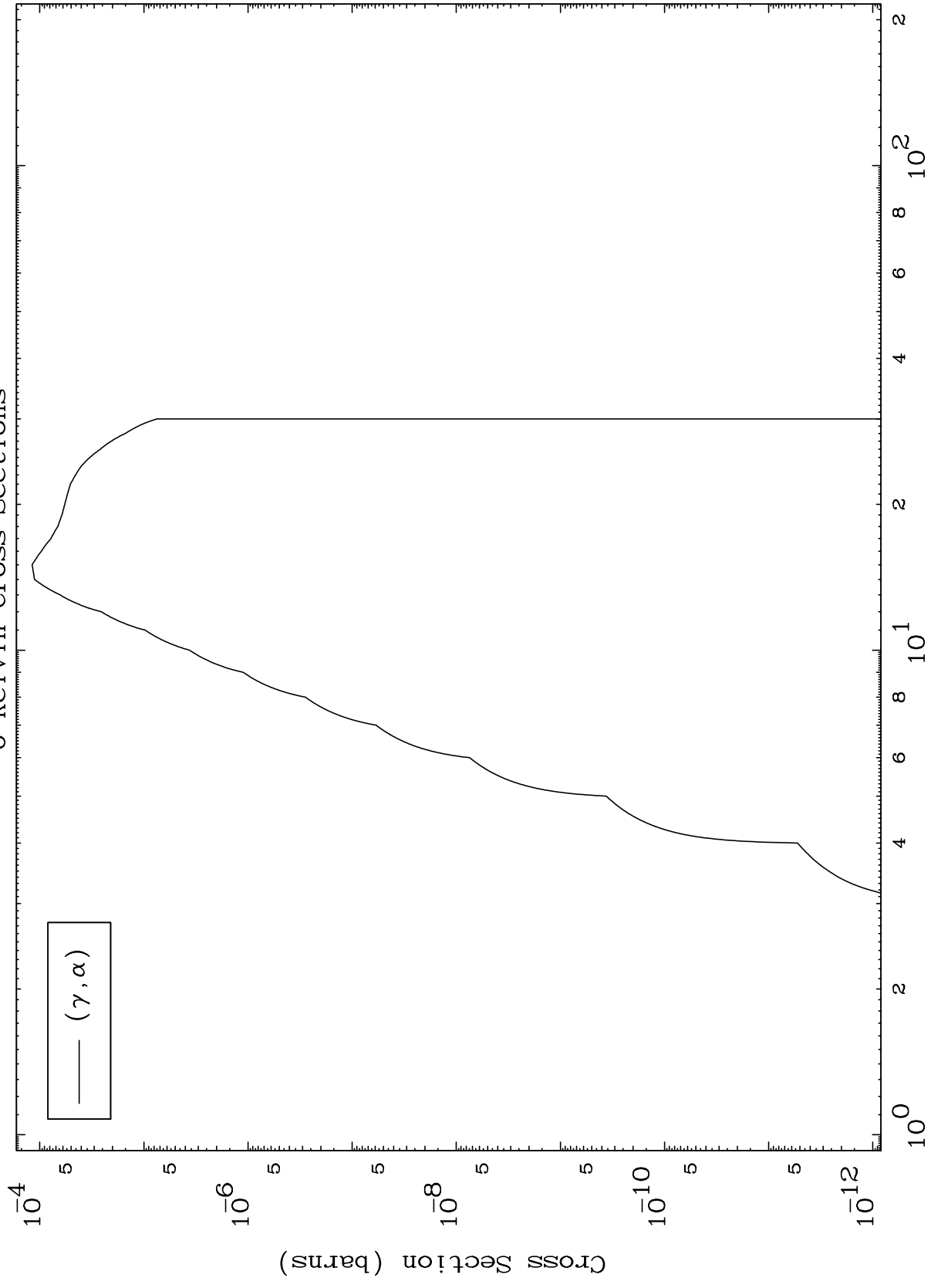
Incident Energy (MeV)

80-Hg-190

MAT 8007

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

80-Hg-190



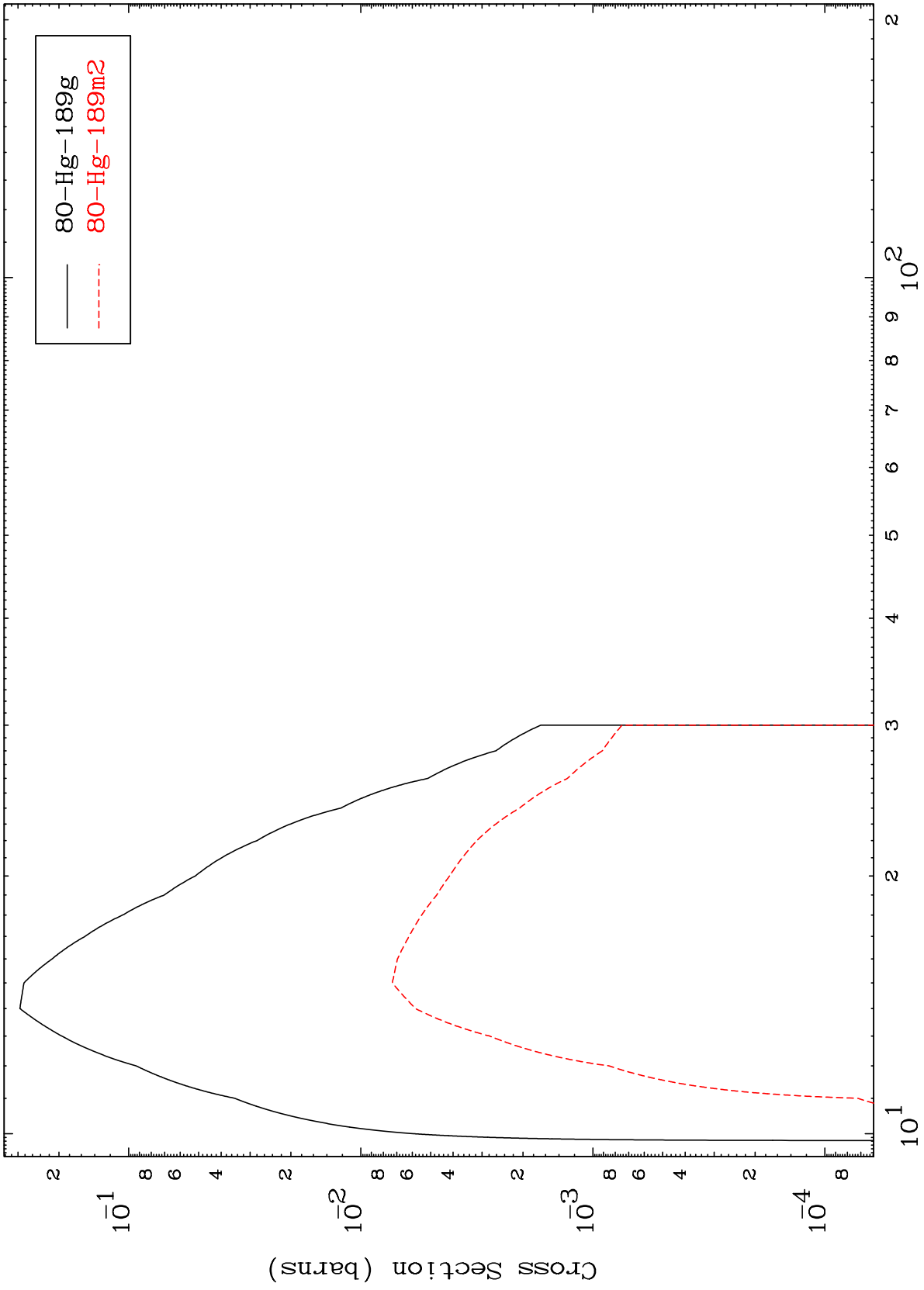
Incident Energy (MeV)

80-Hg-190

MAT 8007

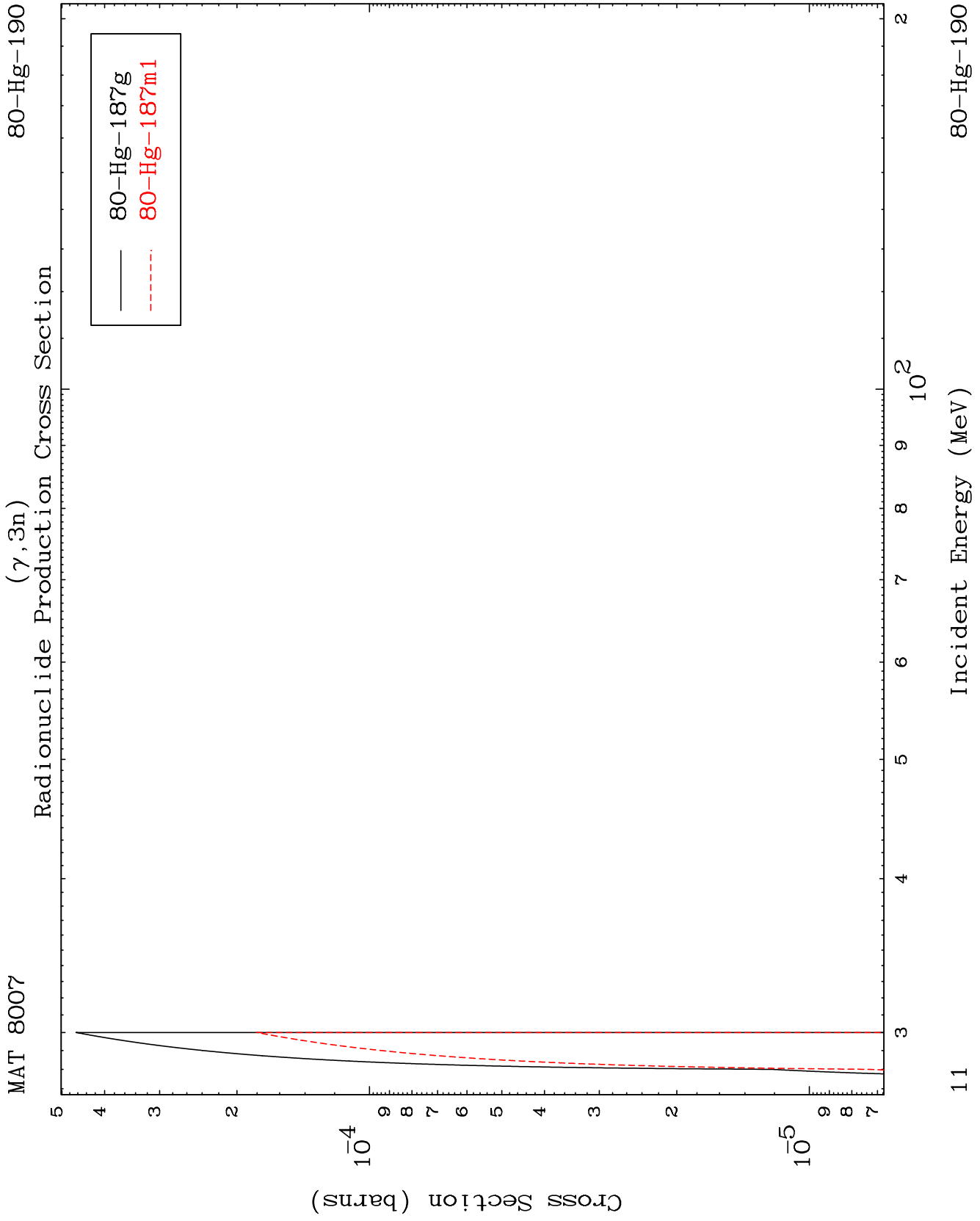
Photon Inelastic  
Radionuclide Production Cross Section

80-Hg-190



Incident Energy (MeV)

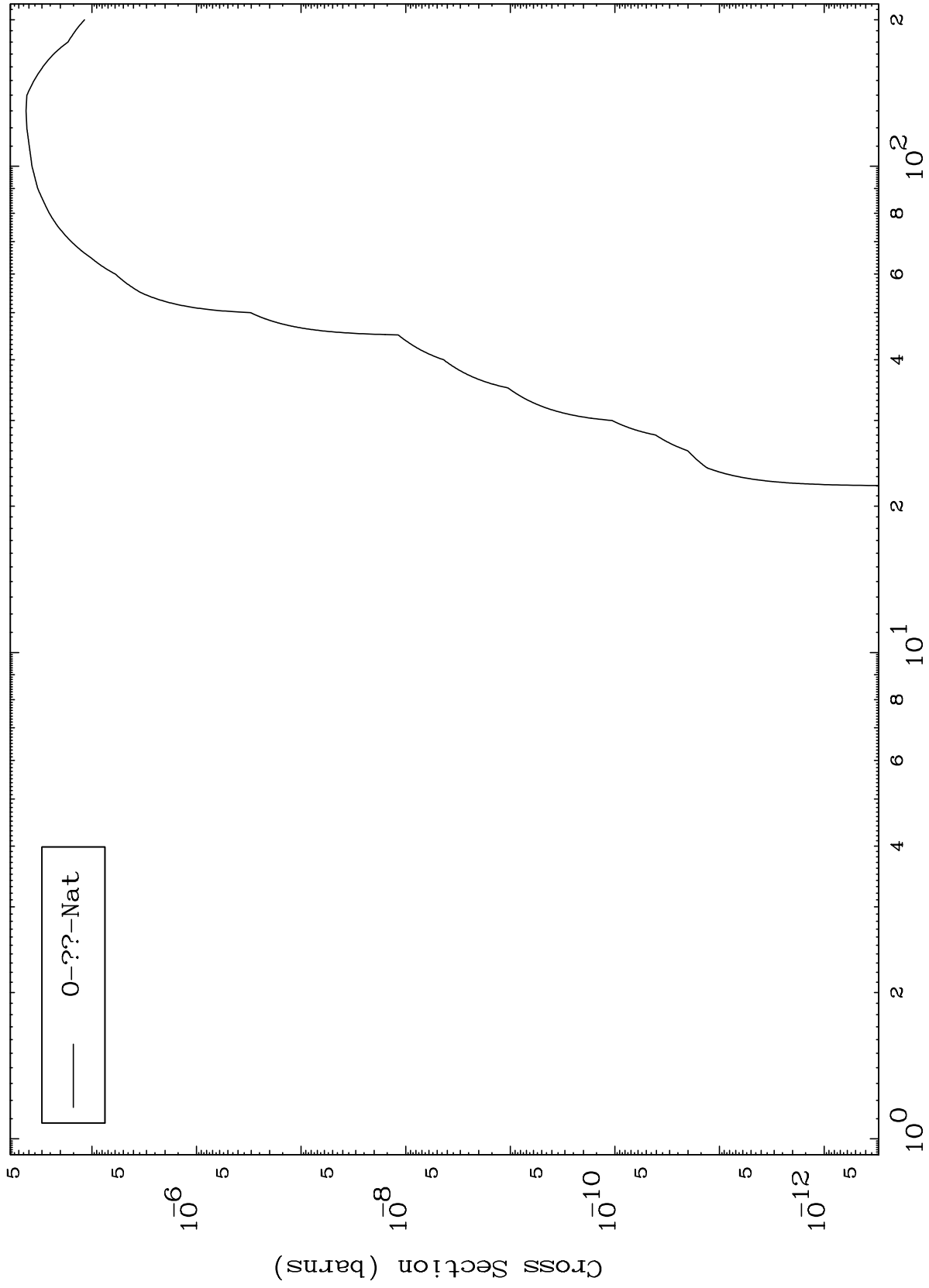
80-Hg-190



MAT 8007

Photon Fission  
Radionuclide Production Cross Section

80-Hg-190



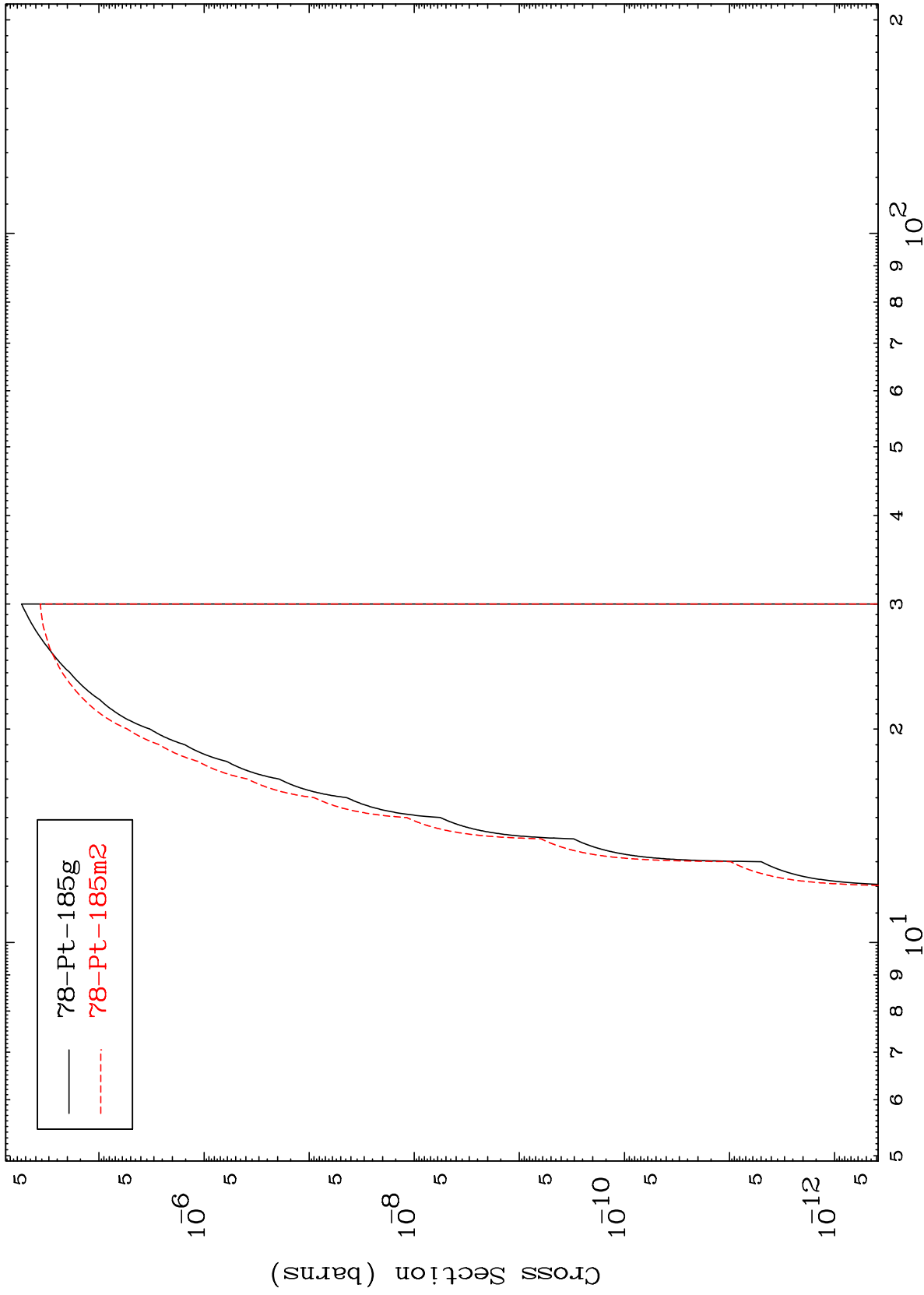
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

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



13

Incident Energy (MeV)

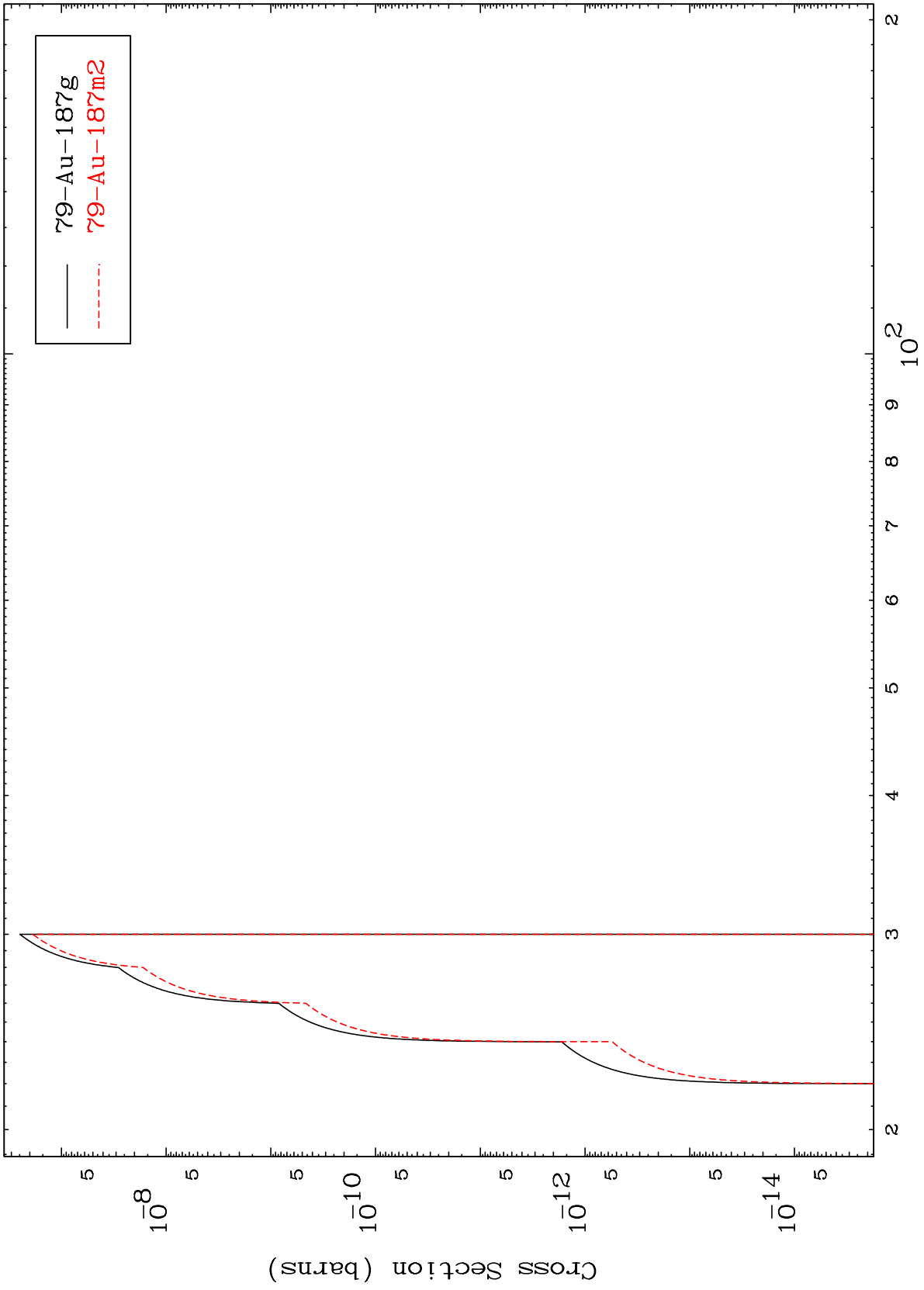
80-Hg-190

MAT 8007

( $\gamma, n'$ ) d

80-Hg-190

Radionuclide Production Cross Section



14

Incident Energy (MeV)

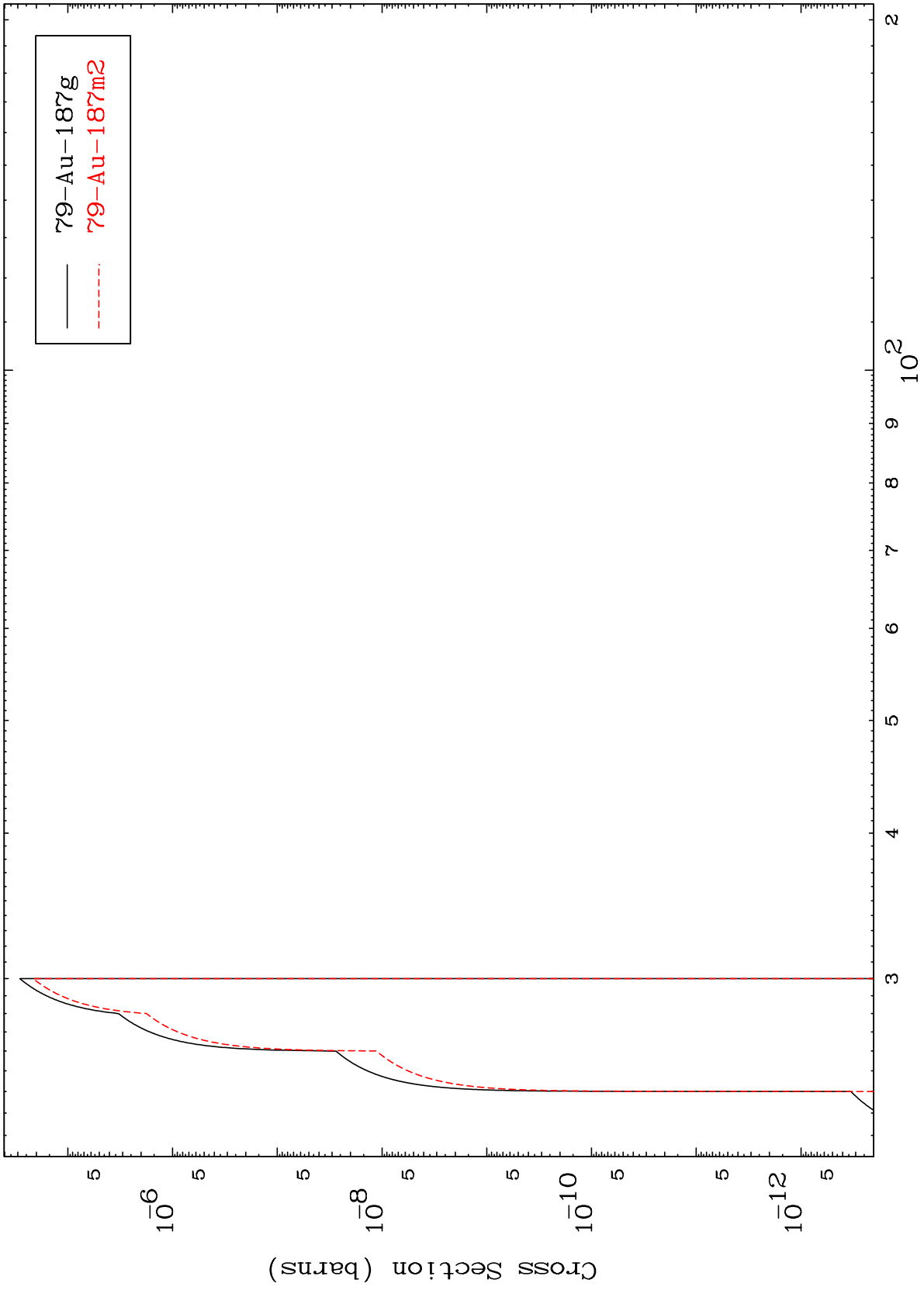
80-Hg-190

MAT 8007

( $\gamma, 2n$ ) p

80-Hg-190

Radionuclide Production Cross Section



15

Incident Energy (MeV)

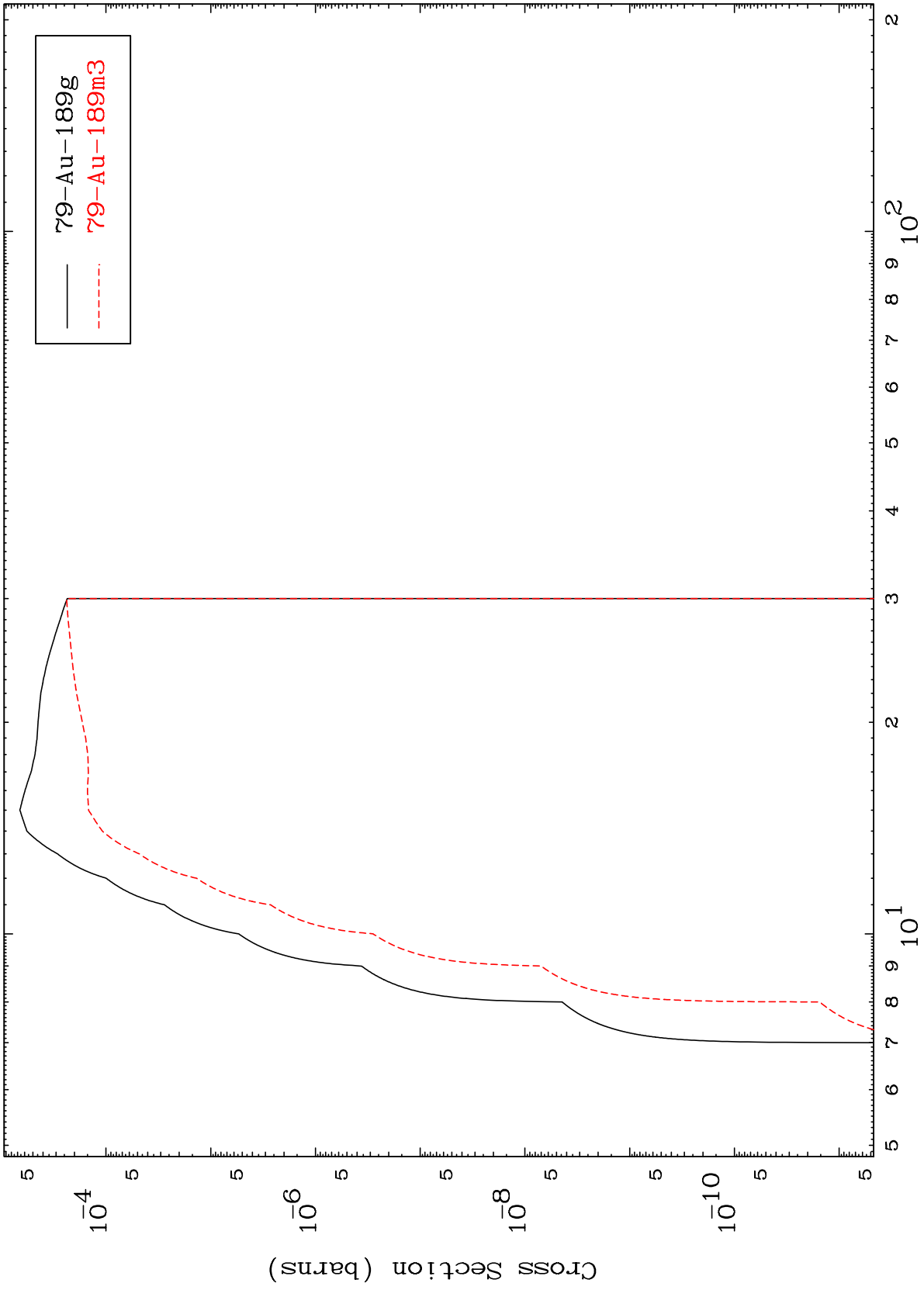
80-Hg-190



MAT 8007

80-Hg-190

Radionuclide Production Cross Section  
( $\gamma, p$ )



16

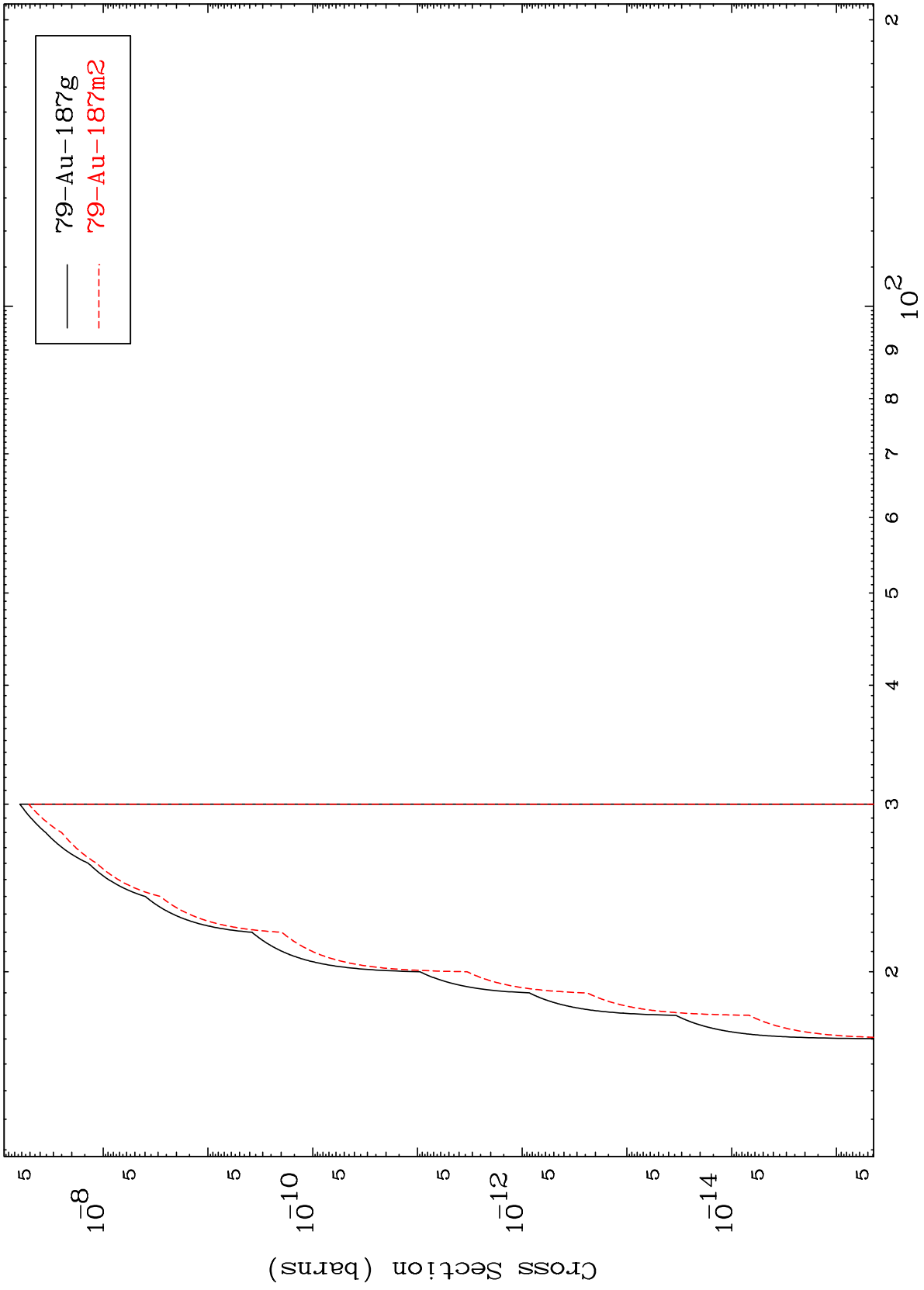
Incident Energy (MeV)

80-Hg-190

MAT 8007

80-Hg-190

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



17

Incident Energy (MeV)

80-Hg-190