

Program EVALPLOT  
(Version 2018-1)

by

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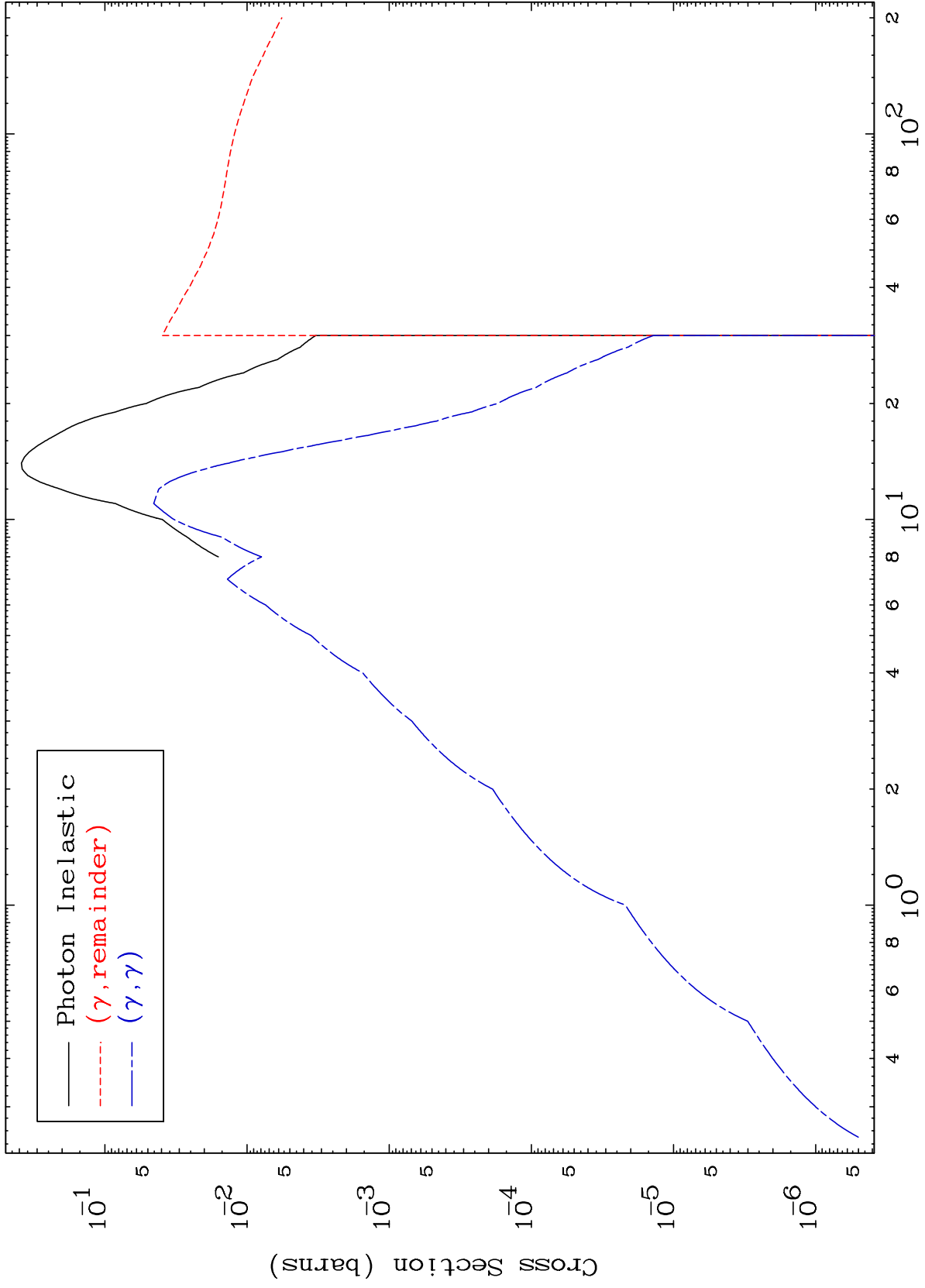
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8010

Photon Major  
0 Kelvin Cross Sections

80-Hg-191



— Photon Inelastic  
- - - ( $\gamma$ , remainder)  
- . - ( $\gamma$ ,  $\gamma$ )

1

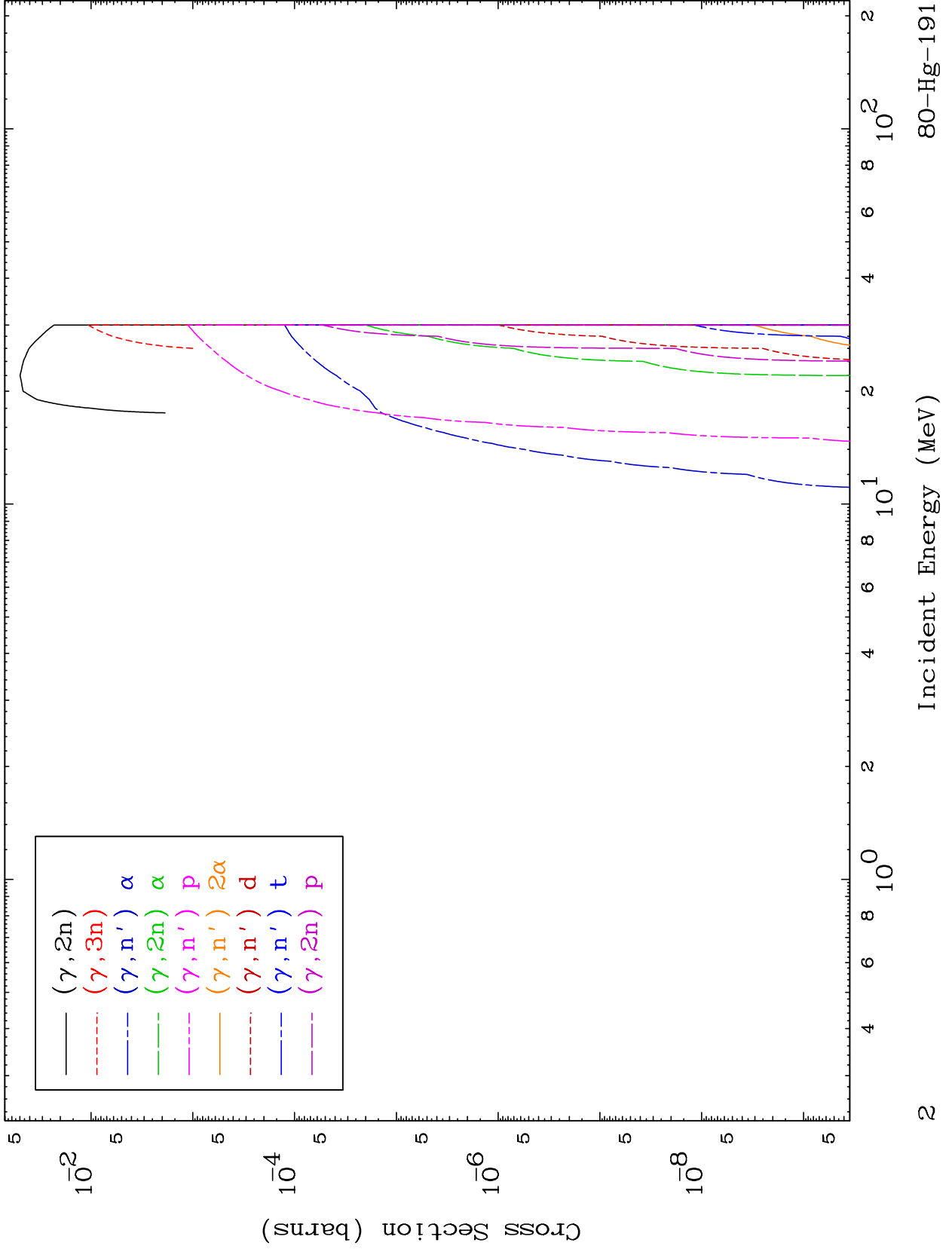
Incident Energy (MeV)

80-Hg-191

MAT 8010

Photon Neutron Production  
0 Kelvin Cross Sections

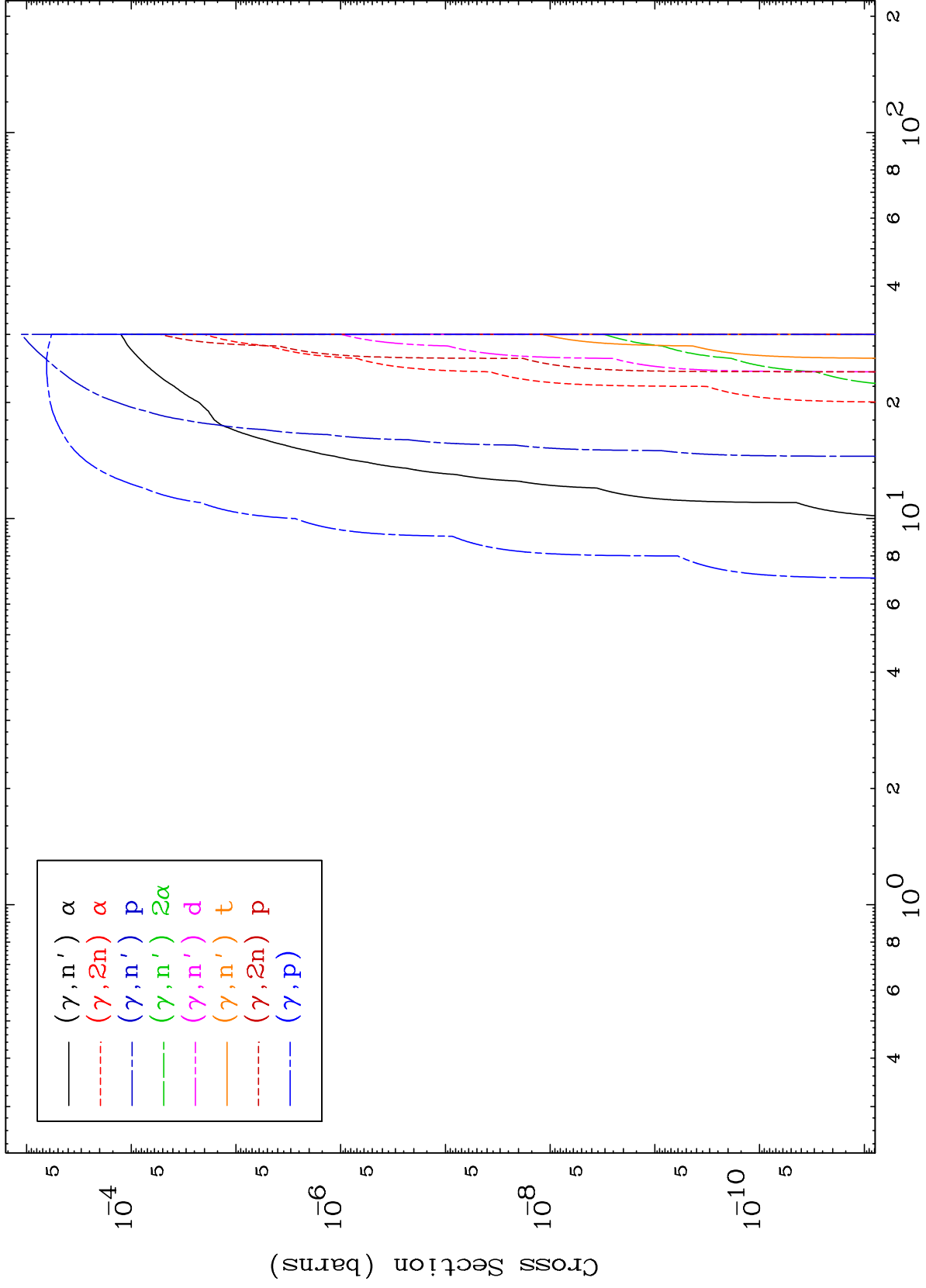
80-Hg-191



MAT 8010

Photon Charged Particle  
0 Kelvin Cross Sections

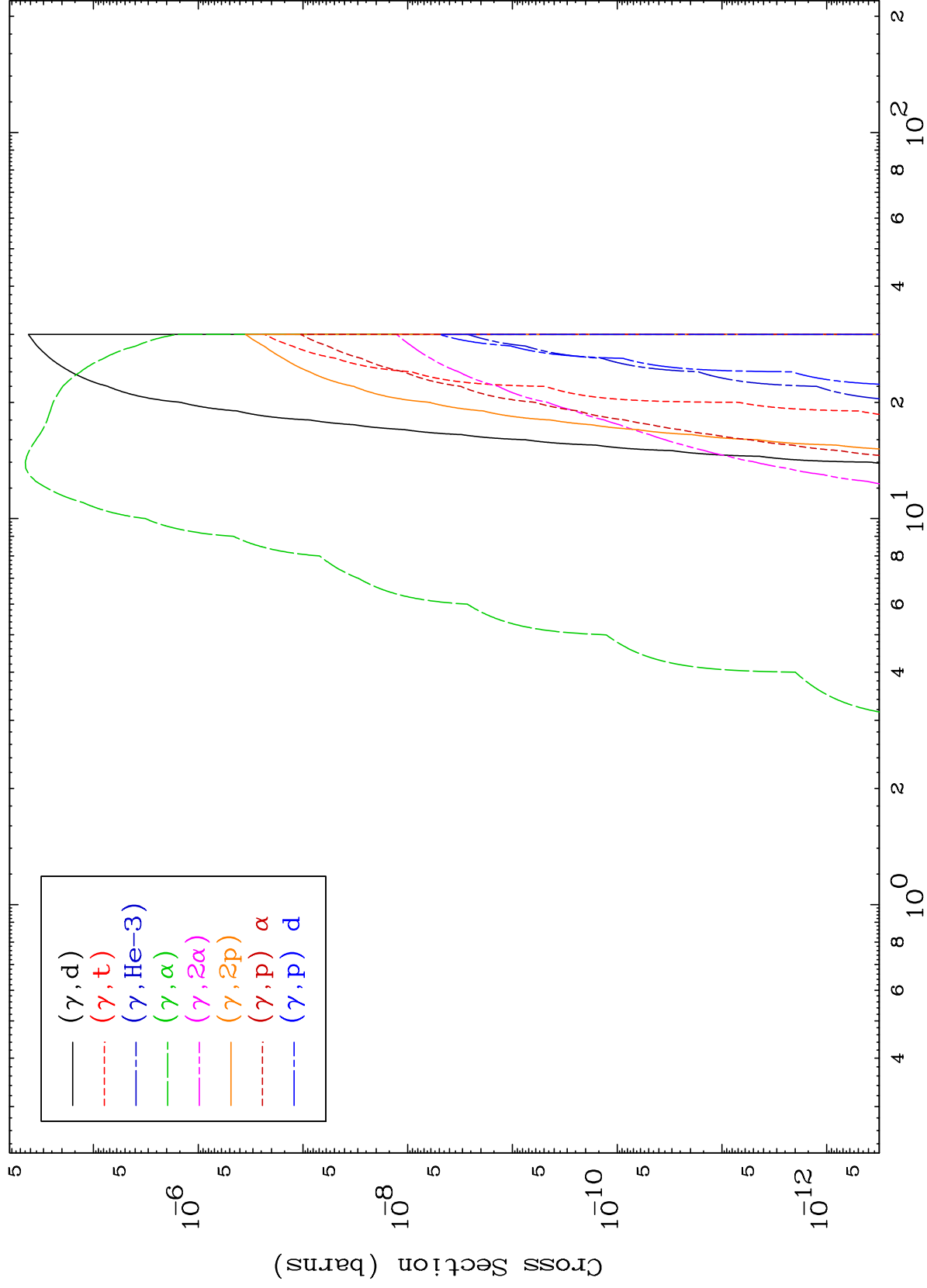
80-Hg-191



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Photon Charged Particle  
0 Kelvin Cross Sections

80-Hg-191

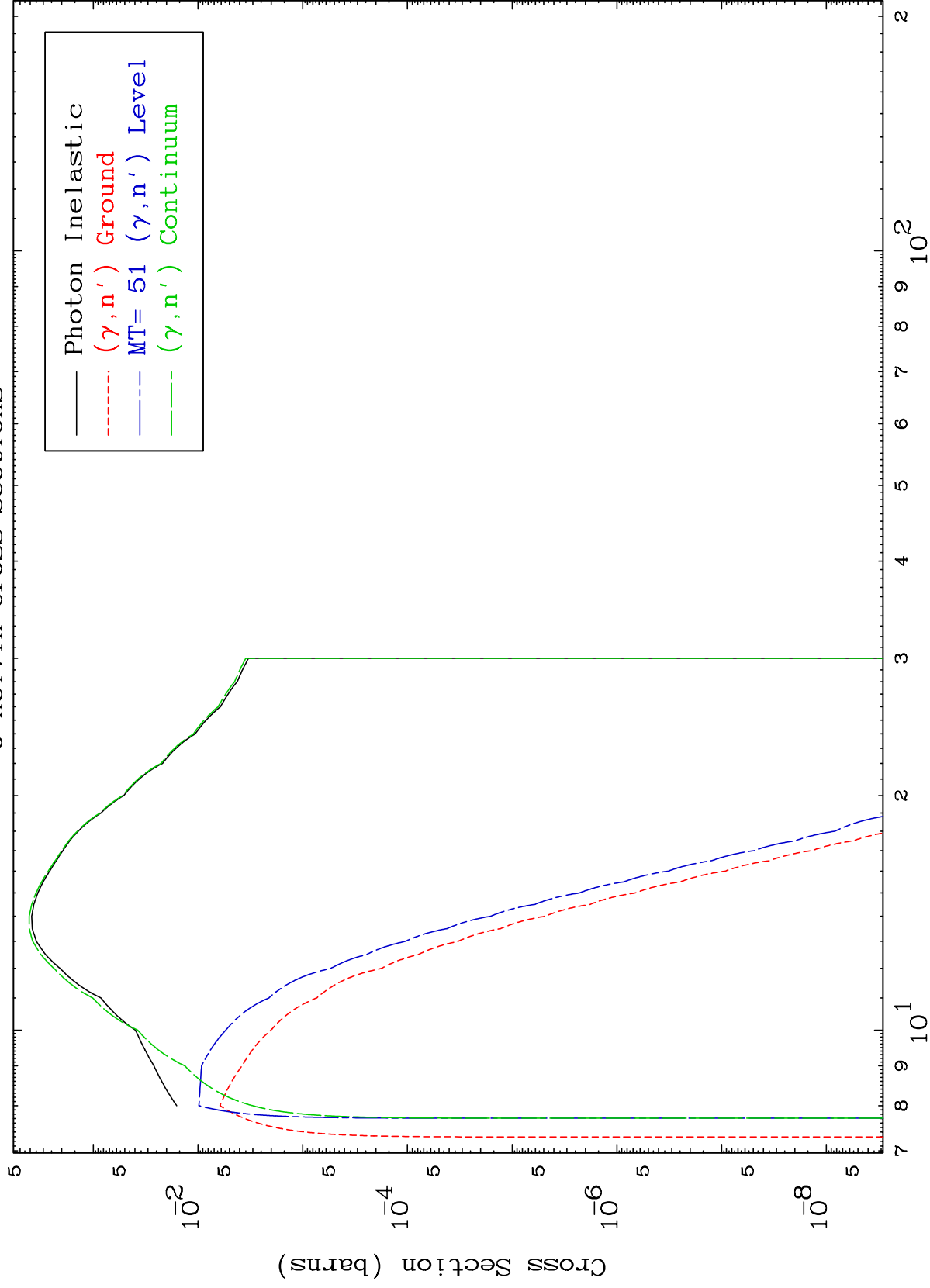


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80-Hg-191

( $\gamma, n'$ ) Level

0 Kelvin Cross Sections



80-Hg-191

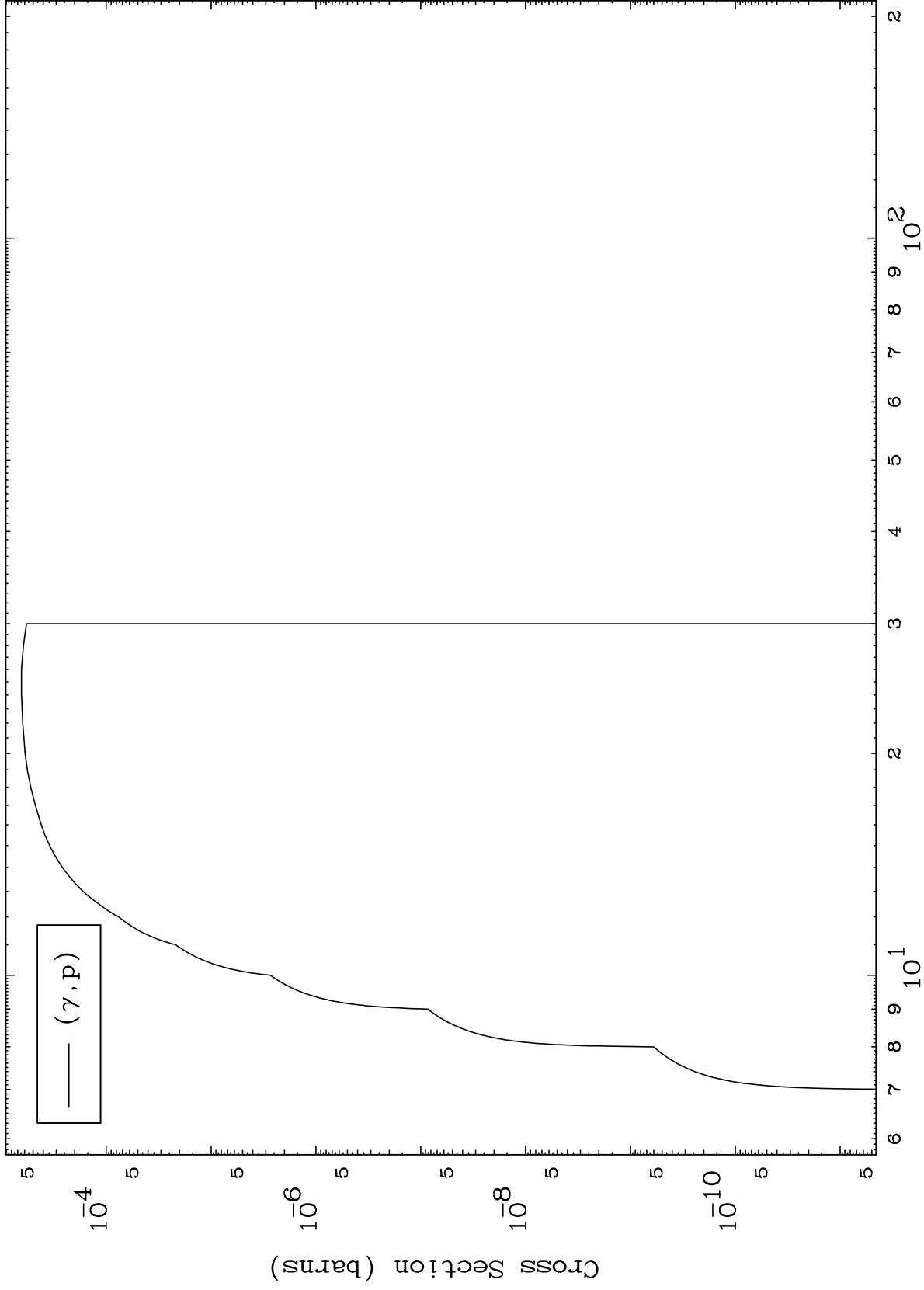
Incident Energy (MeV)

5

MAT 8010

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

80-Hg-191



6

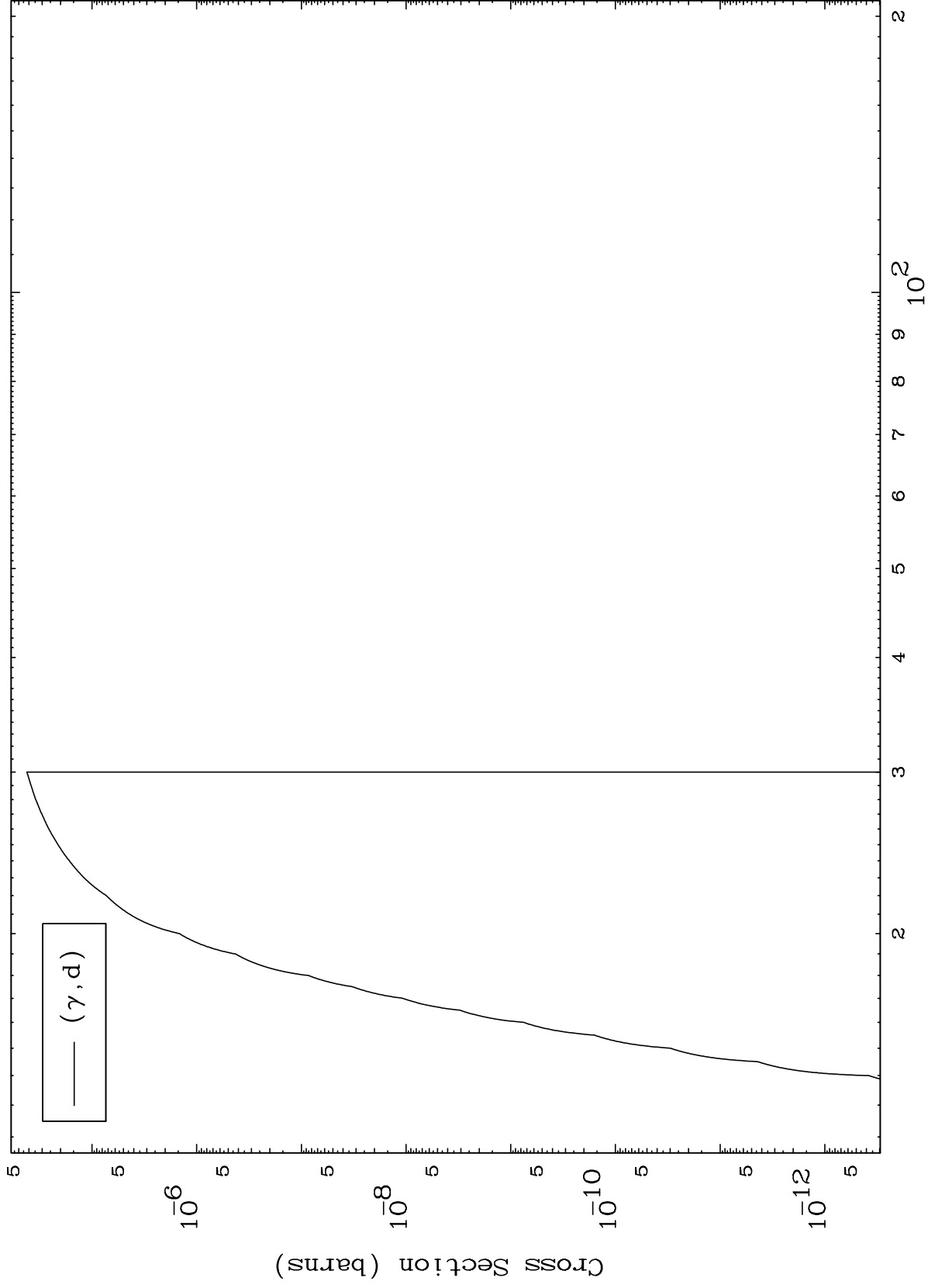
Incident Energy (MeV)

80-Hg-191

MAT 8010

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

80-Hg-191



7

Incident Energy (MeV)

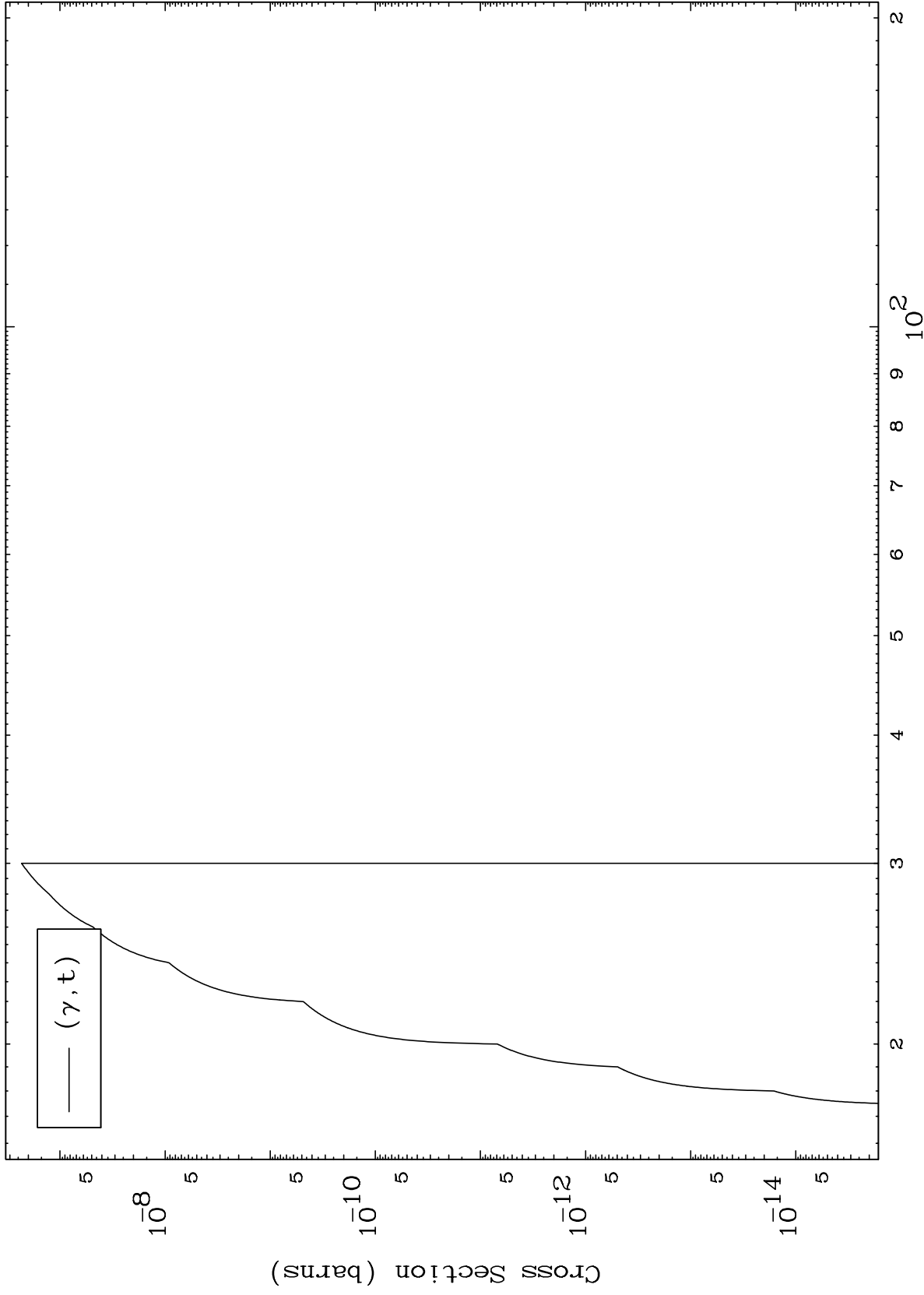
80-Hg-191



MAT 8010

80-Hg-191

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



8

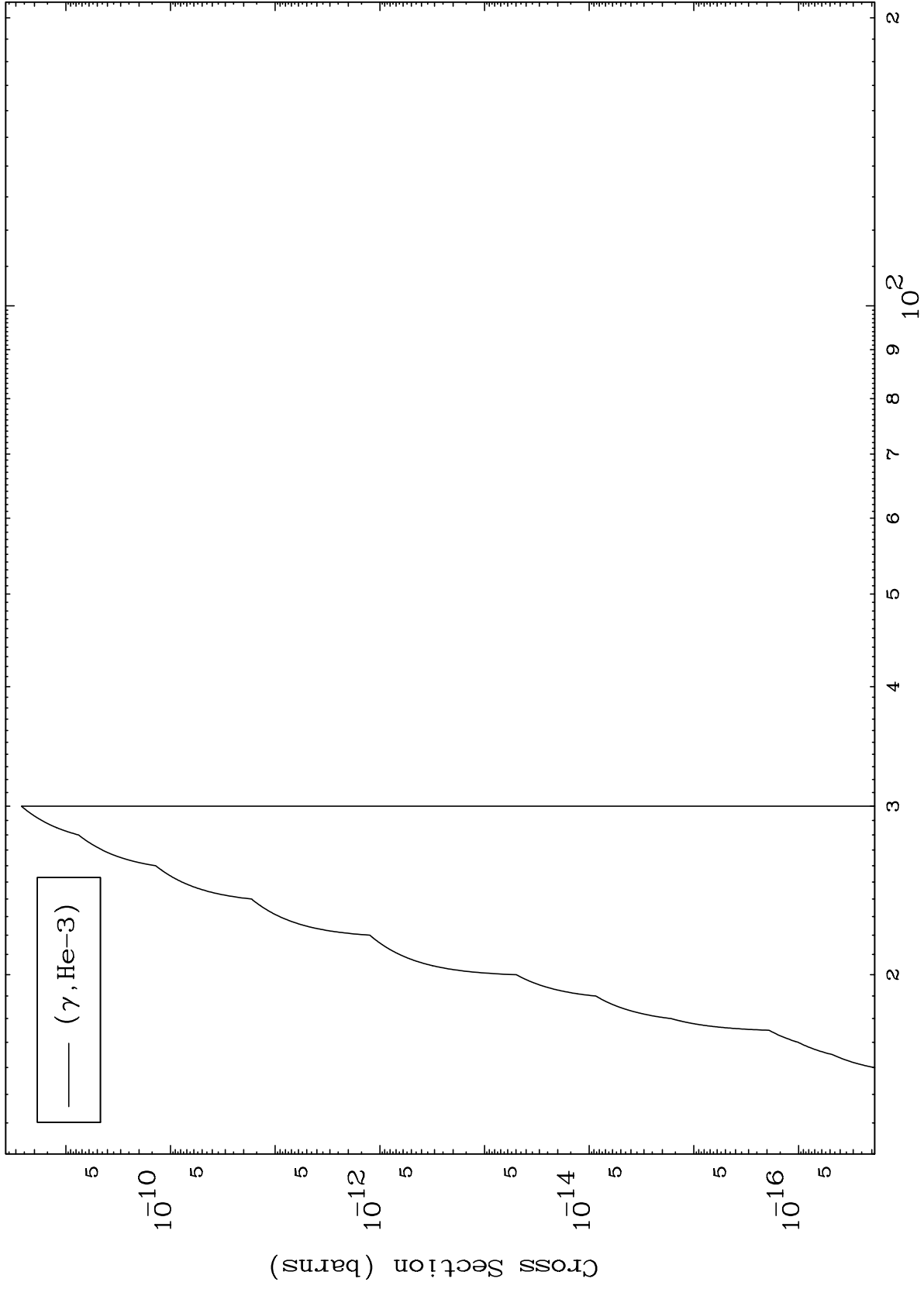
Incident Energy (MeV)

80-Hg-191

MAT 8010

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

80-Hg-191

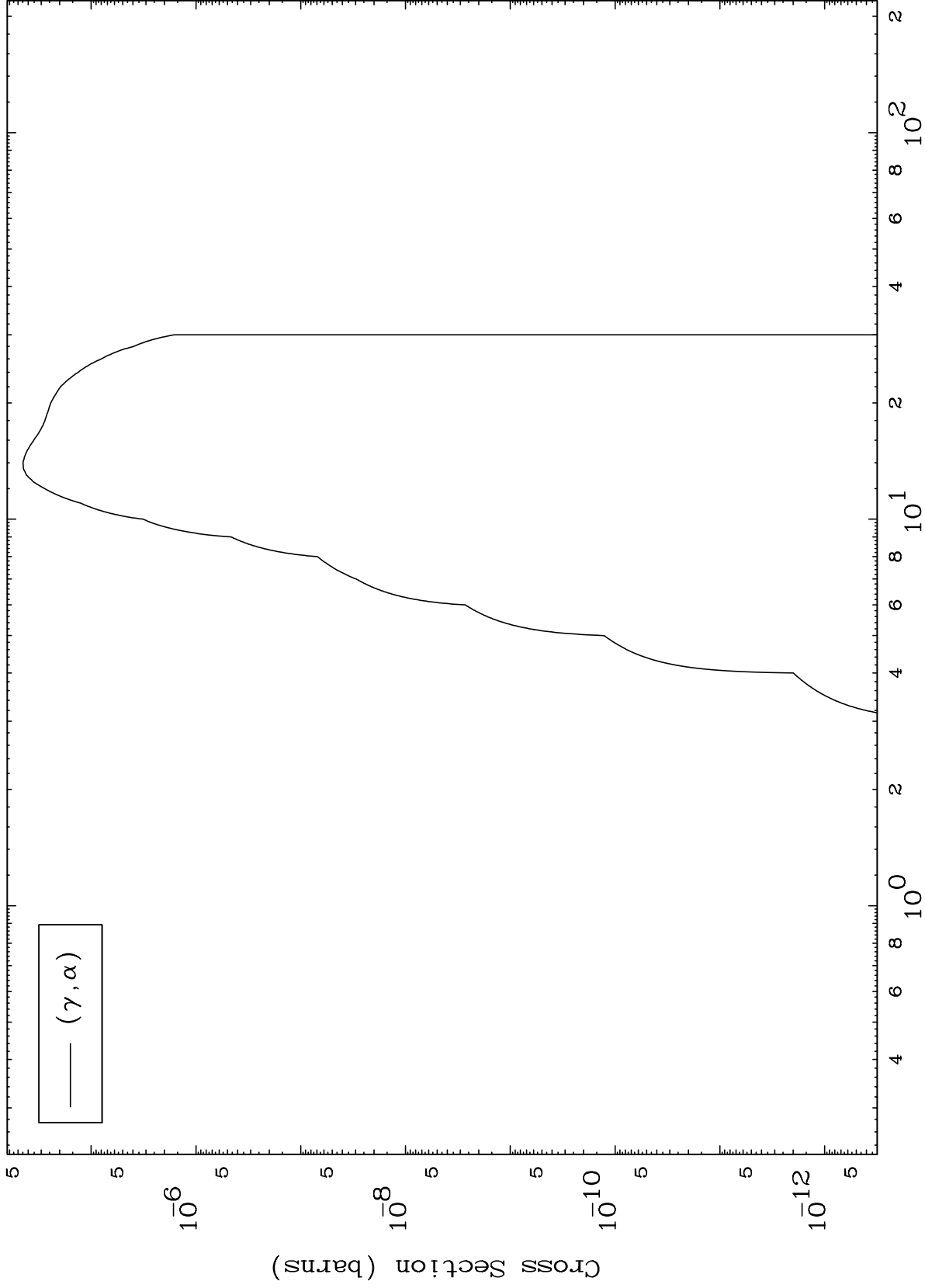


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( $\gamma, \alpha$ ) Levels

80-Hg-191

0 Kelvin Cross Sections



10

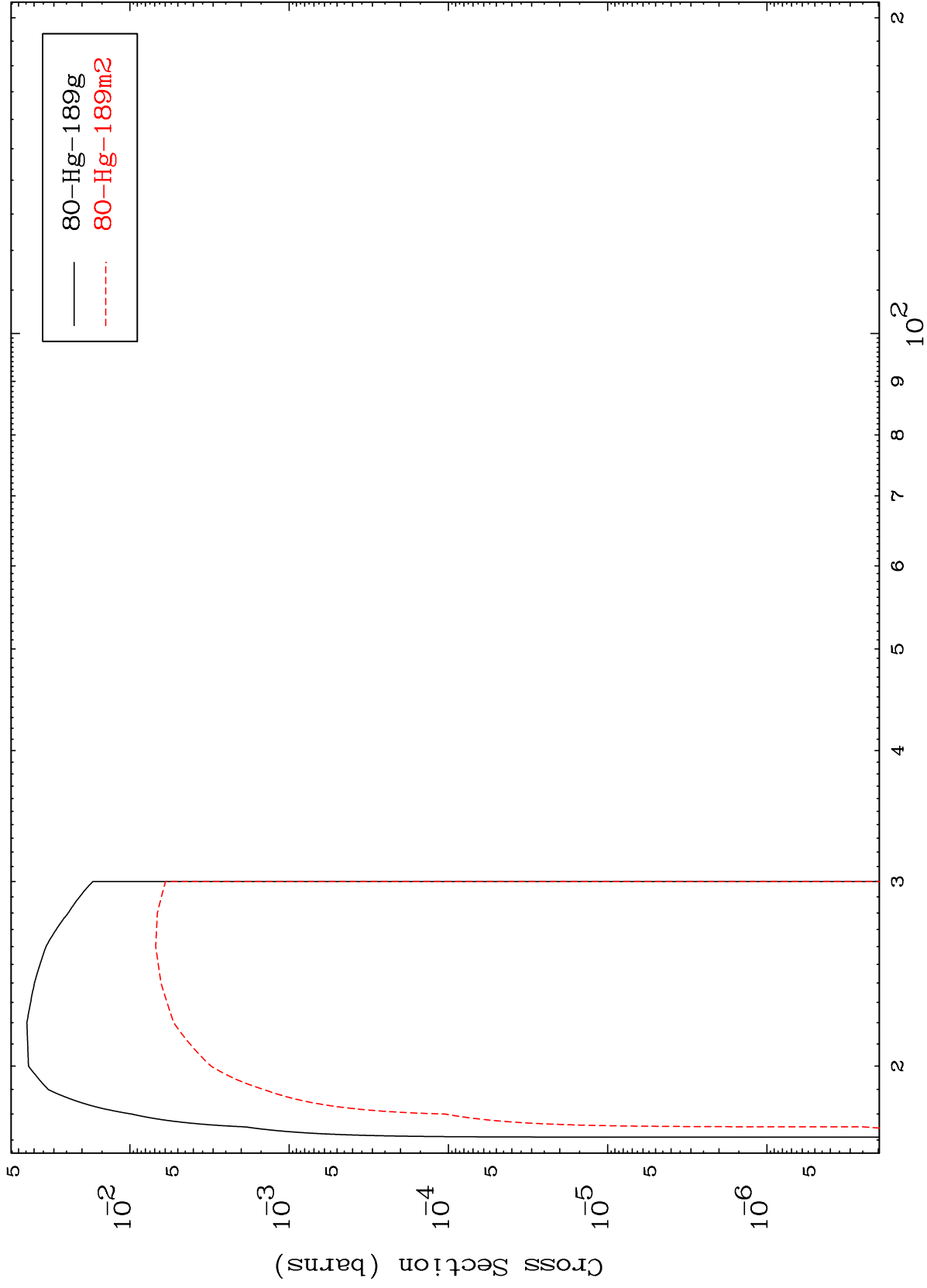
Incident Energy (MeV)

80-Hg-191

MAT 8010

80-Hg-191

( $\gamma, 2n$ )  
Radionuclide Production Cross Section



11

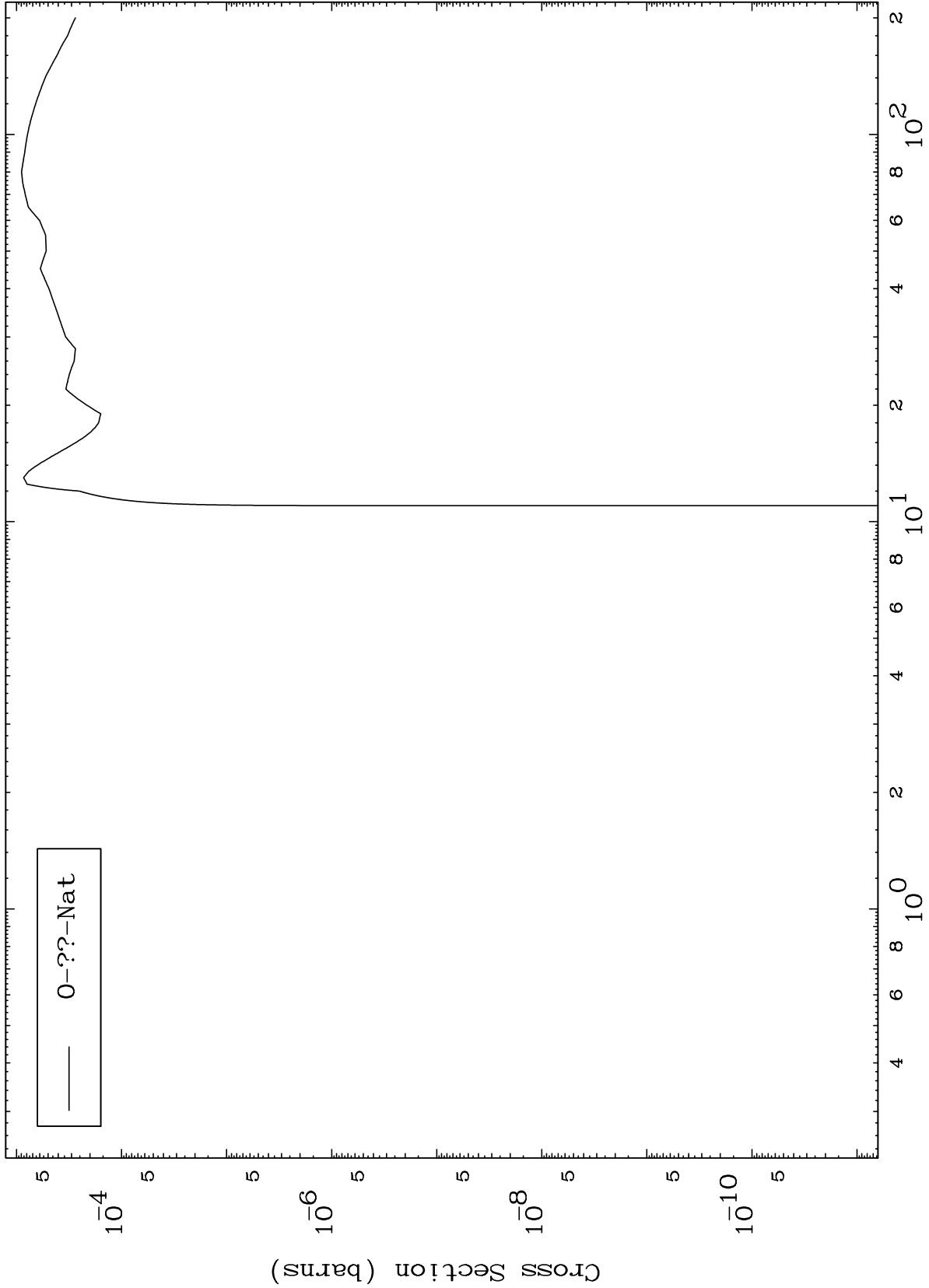
Incident Energy (MeV)

80-Hg-191

MAT 8010

80-Hg-191

Photon Fission  
Radionuclide Production Cross Section

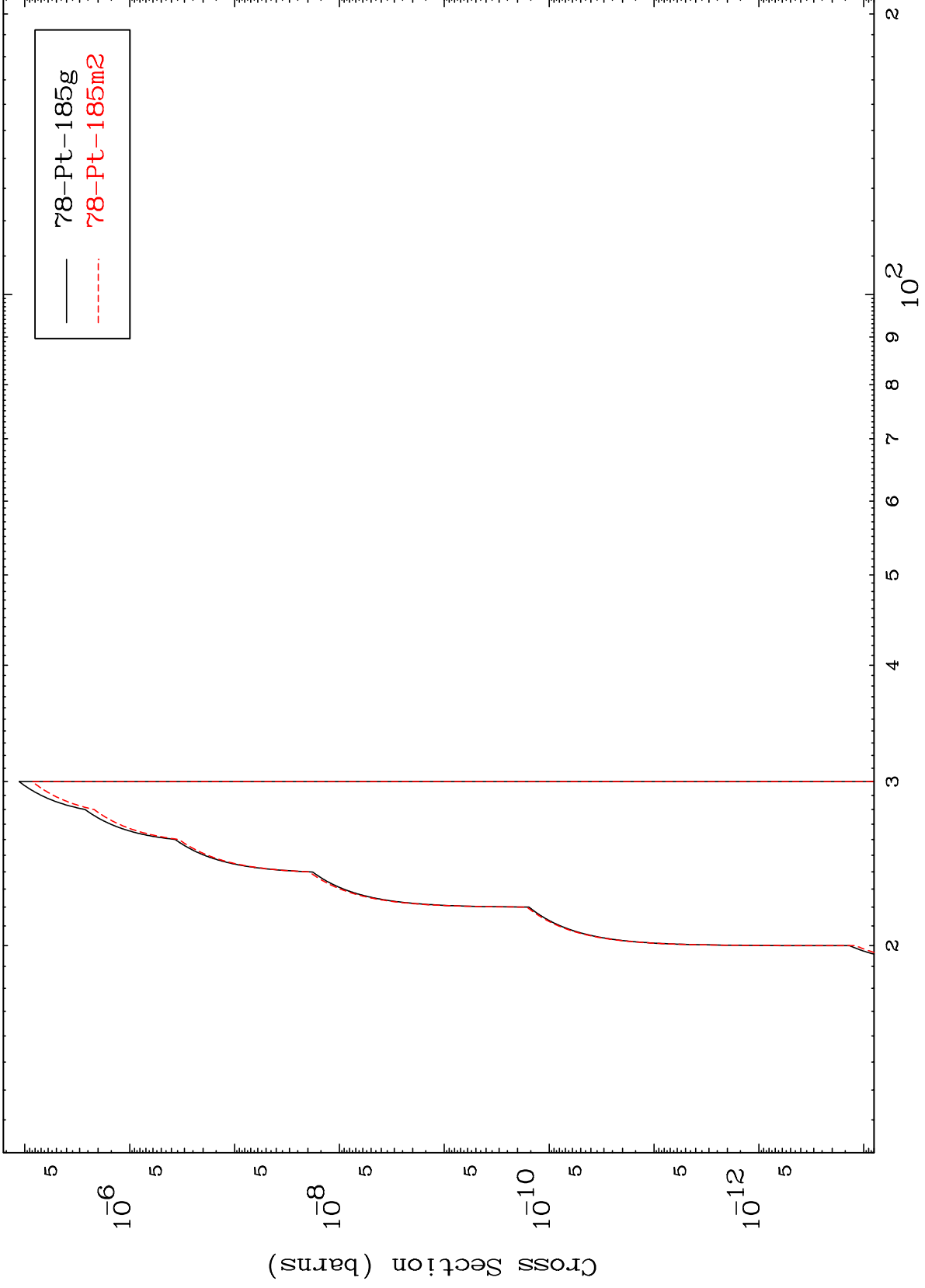


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$(\gamma, 2n) \alpha$

80-Hg-191

Radionuclide Production Cross Section



13

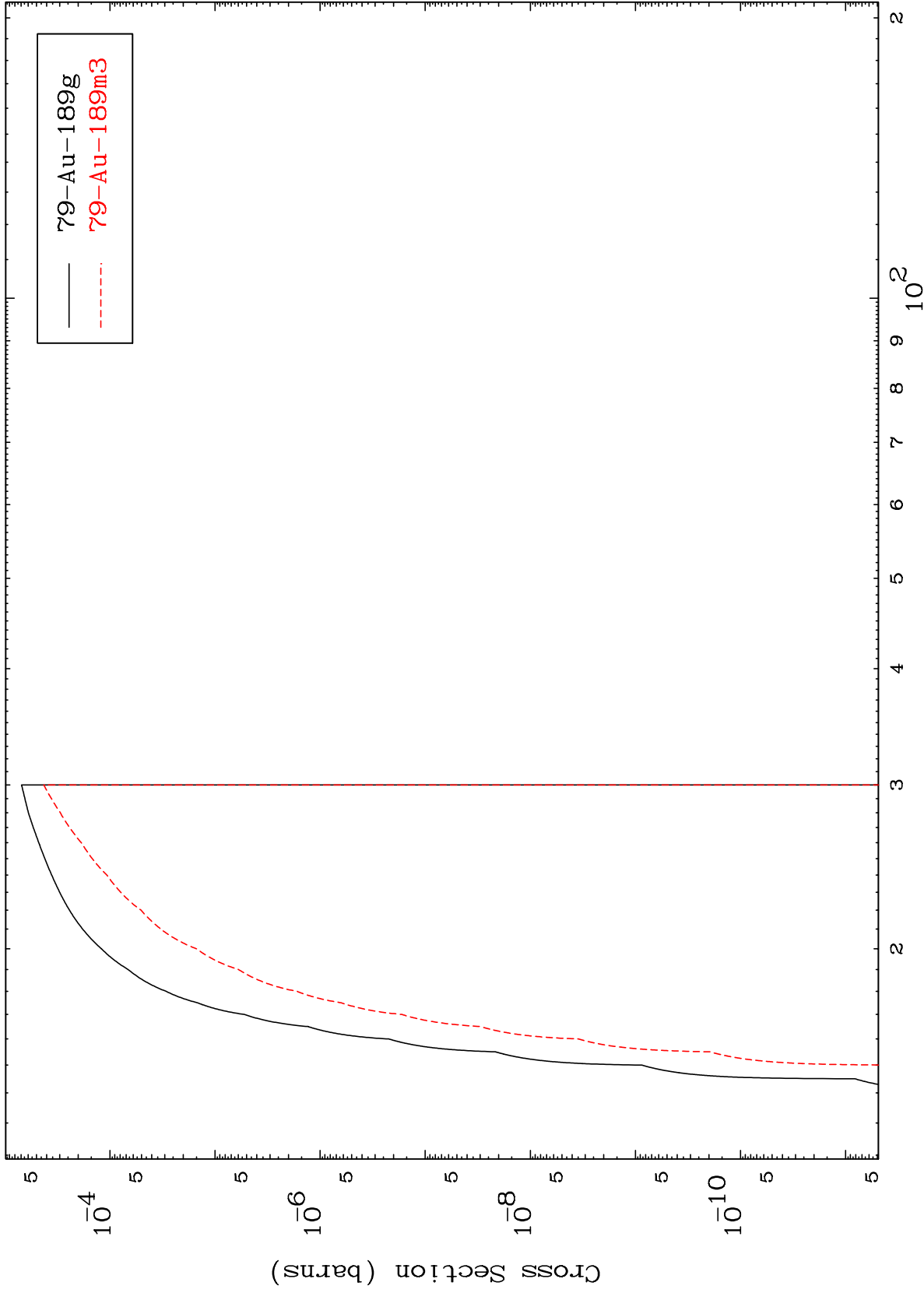
Incident Energy (MeV)

80-Hg-191

MAT 8010

80-Hg-191

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



14

Incident Energy (MeV)

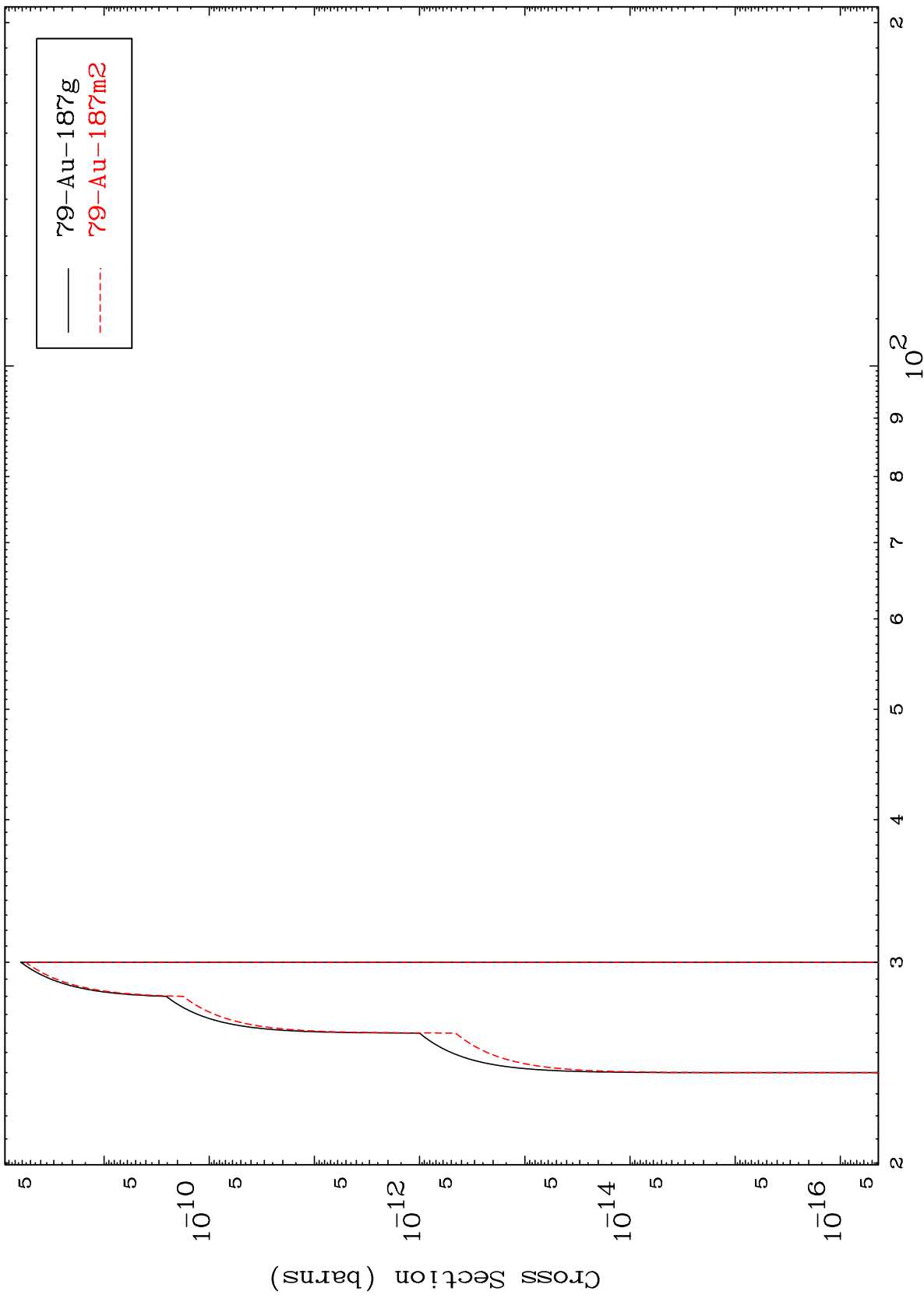
80-Hg-191

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( $\gamma, n'$ ) t

80-Hg-191

Radionuclide Production Cross Section



15

Incident Energy (MeV)

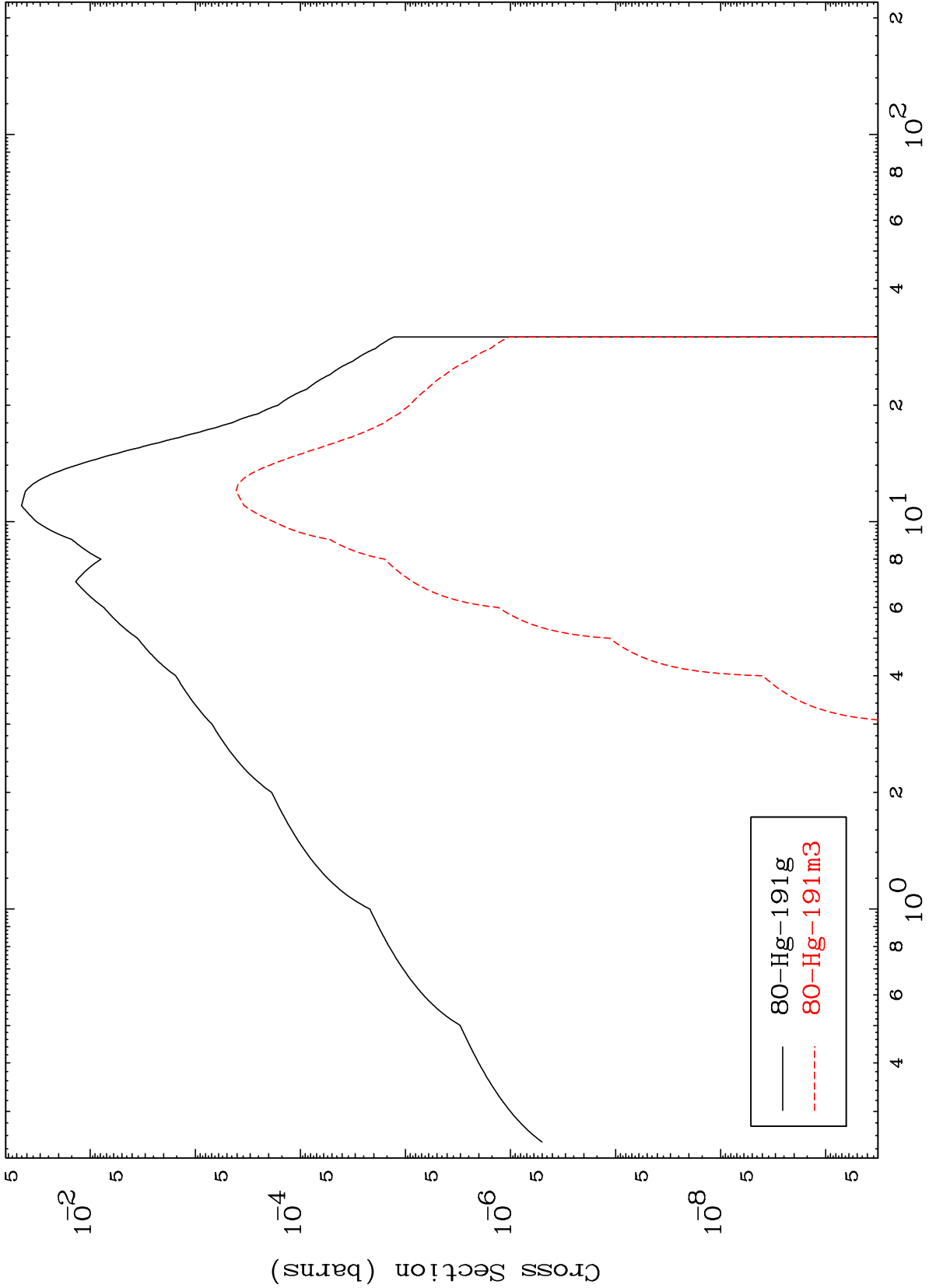
80-Hg-191



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80-Hg-191

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



80-Hg-191

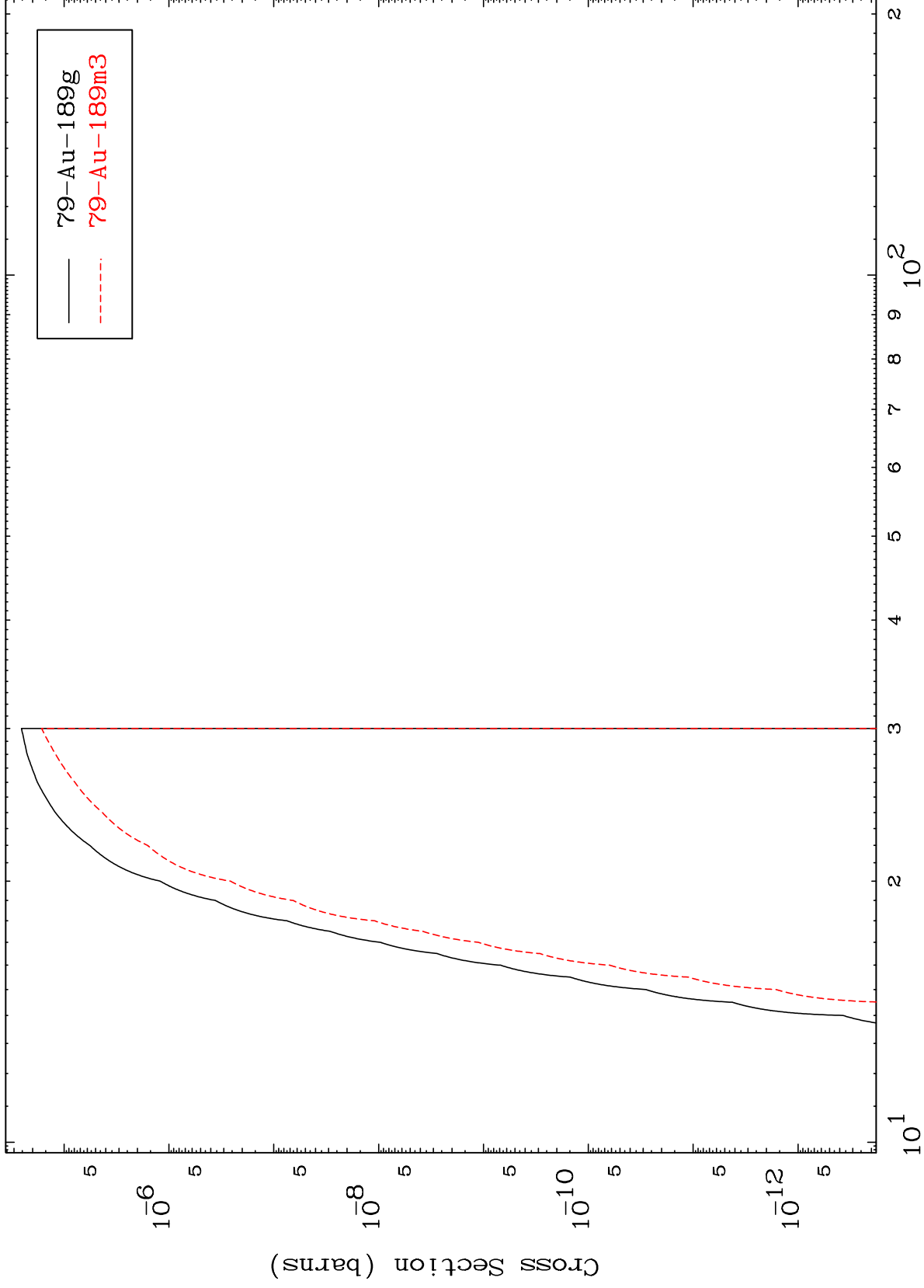
Incident Energy (MeV)

16

MAT 8010

80-Hg-191

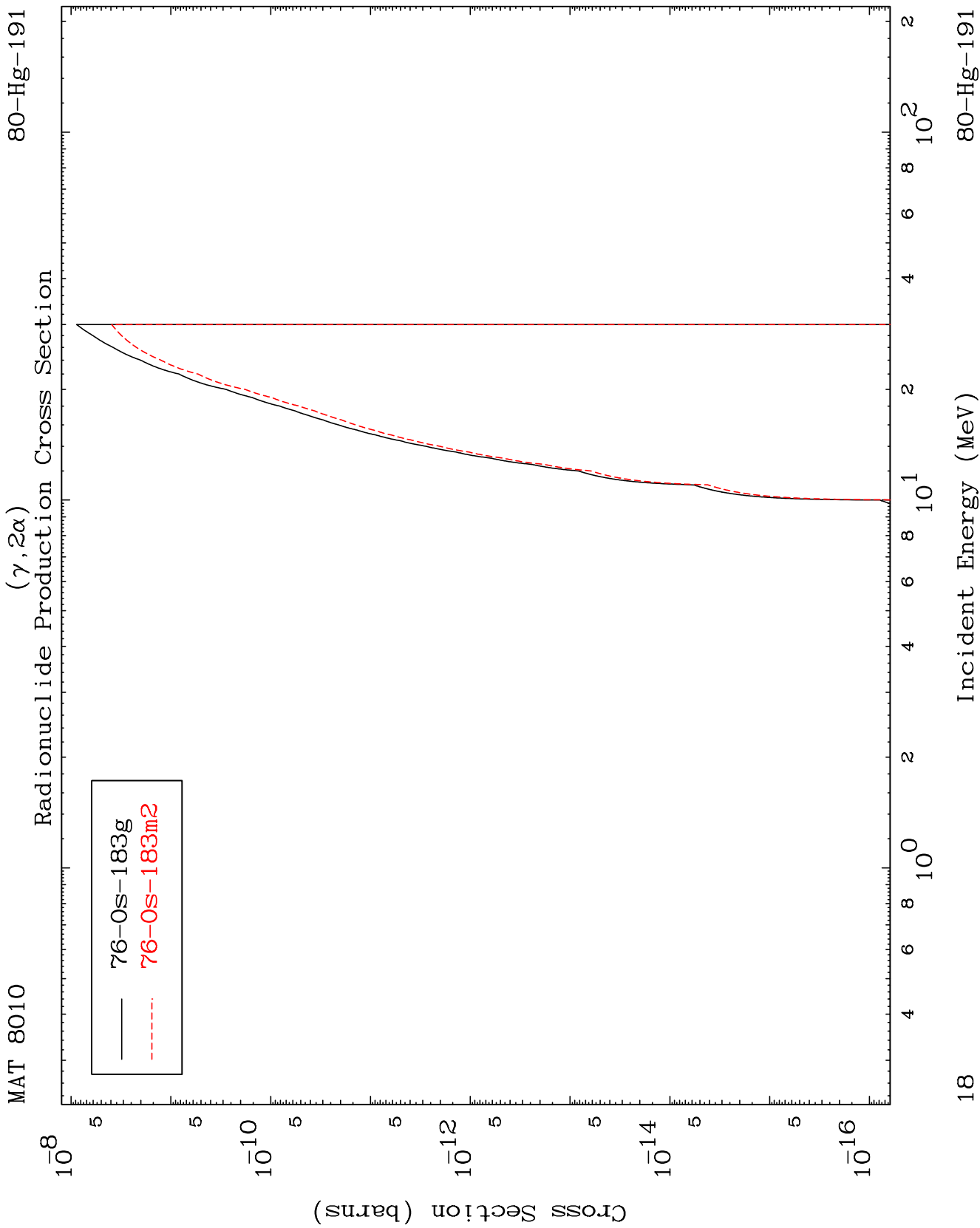
( $\gamma, d$ )  
Radionuclide Production Cross Section



80-Hg-191

Incident Energy (MeV)

17

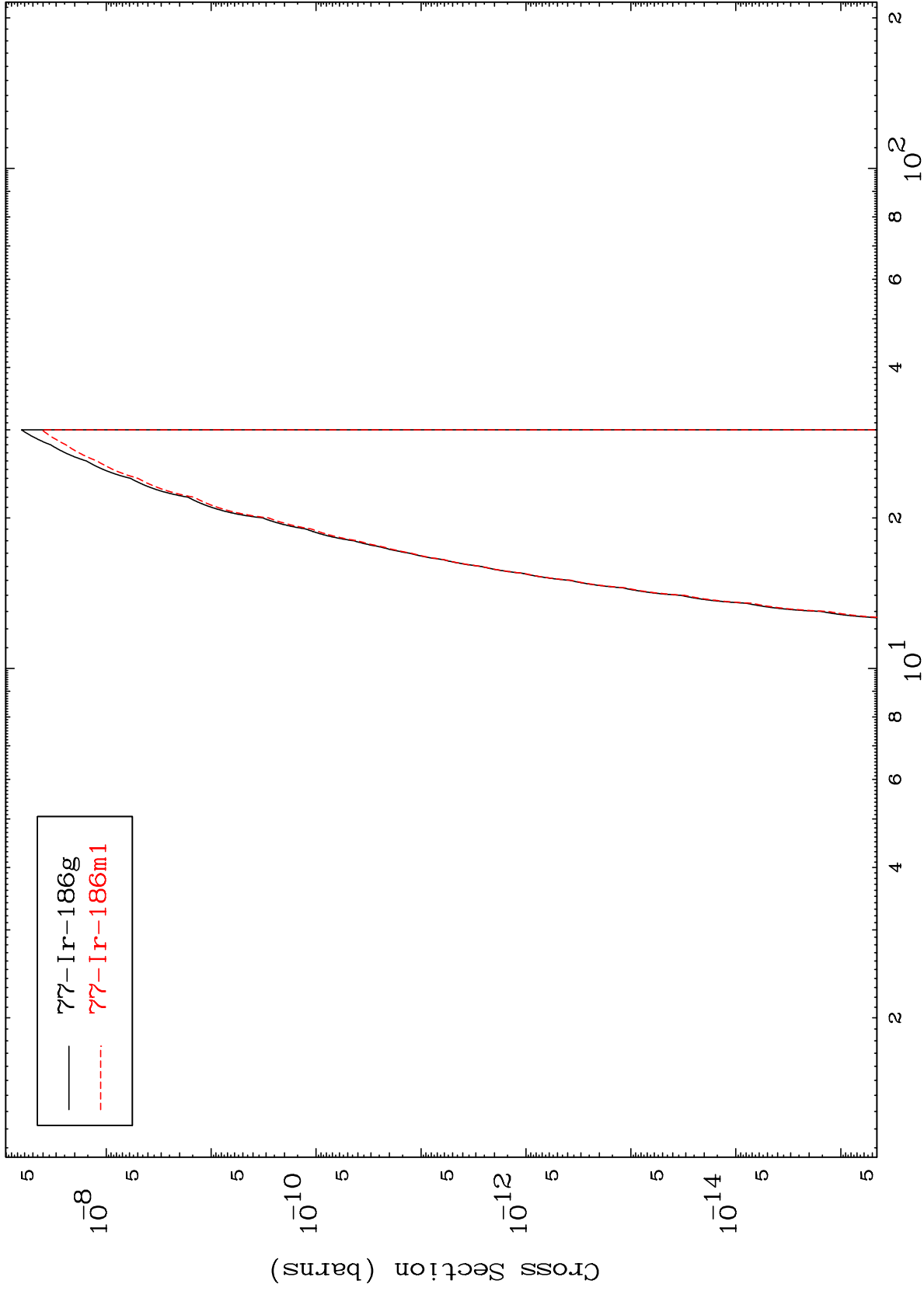


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80-Hg-191

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

Radionuclide Production Cross Section



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Incident Energy (MeV)

80-Hg-191