

Program EVALPLOT  
(Version 2018-1)

by

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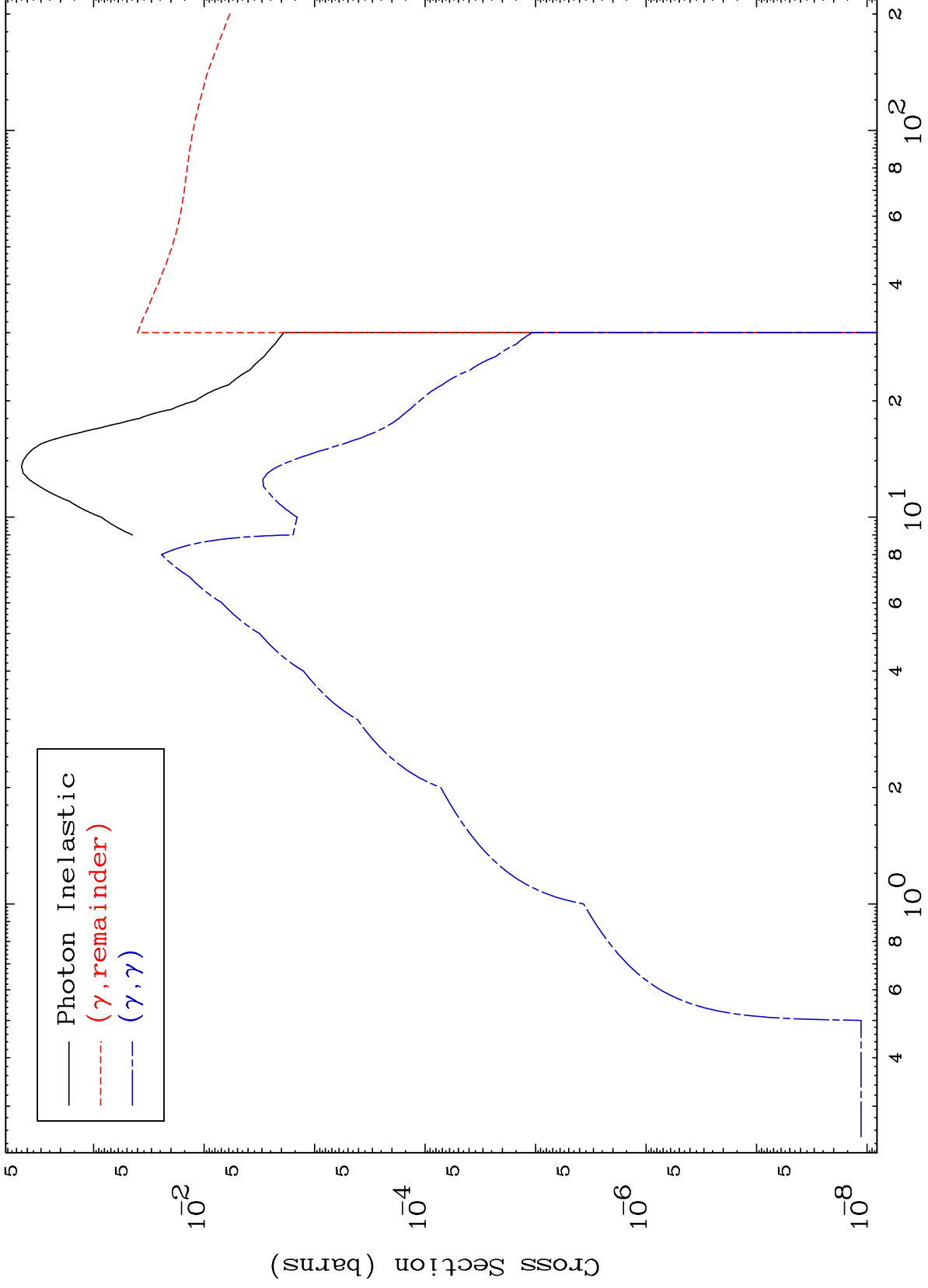
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8031

Photon Major  
0 Kelvin Cross Sections

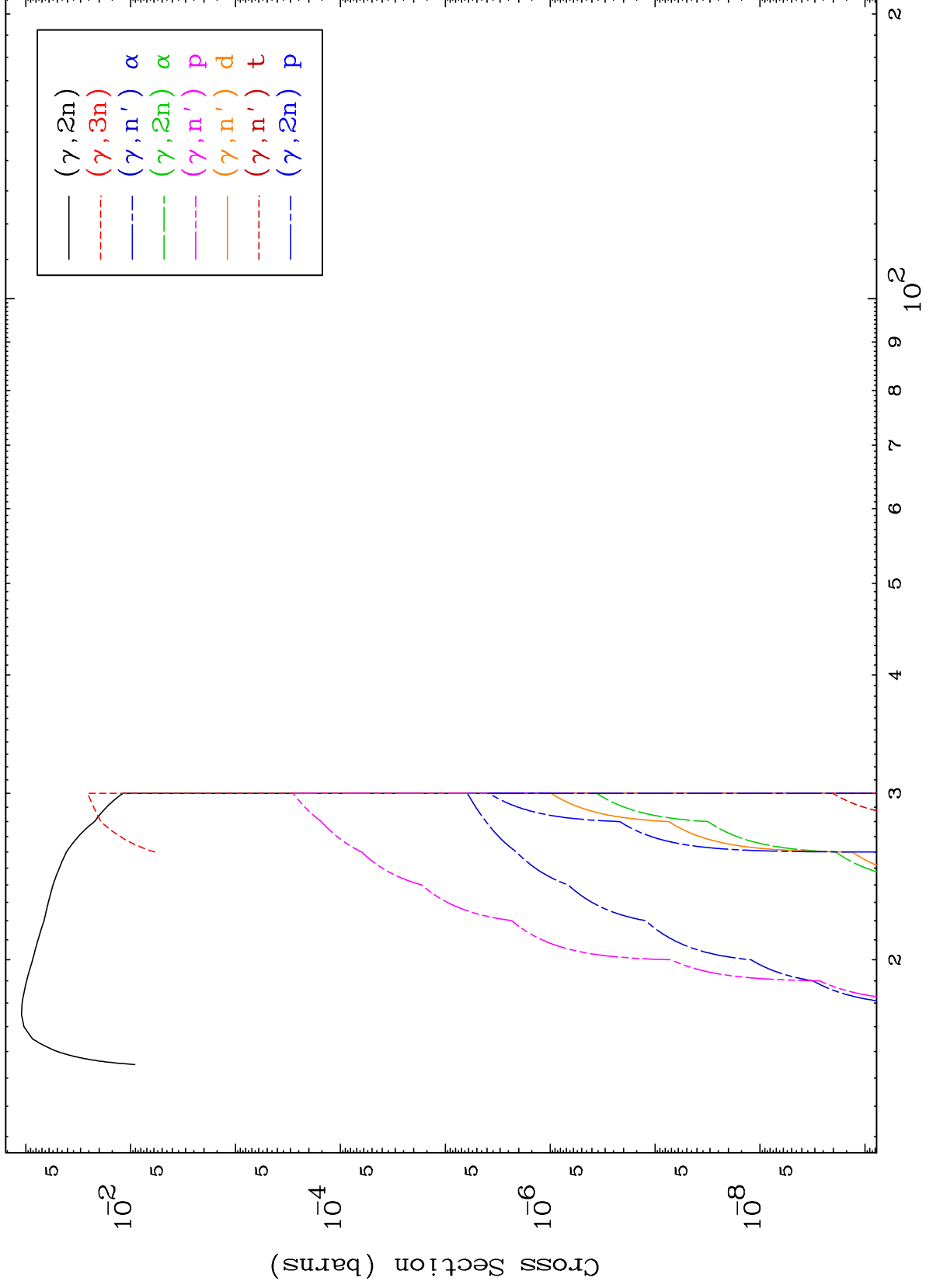
80-Hg-198



1

Incident Energy (MeV)

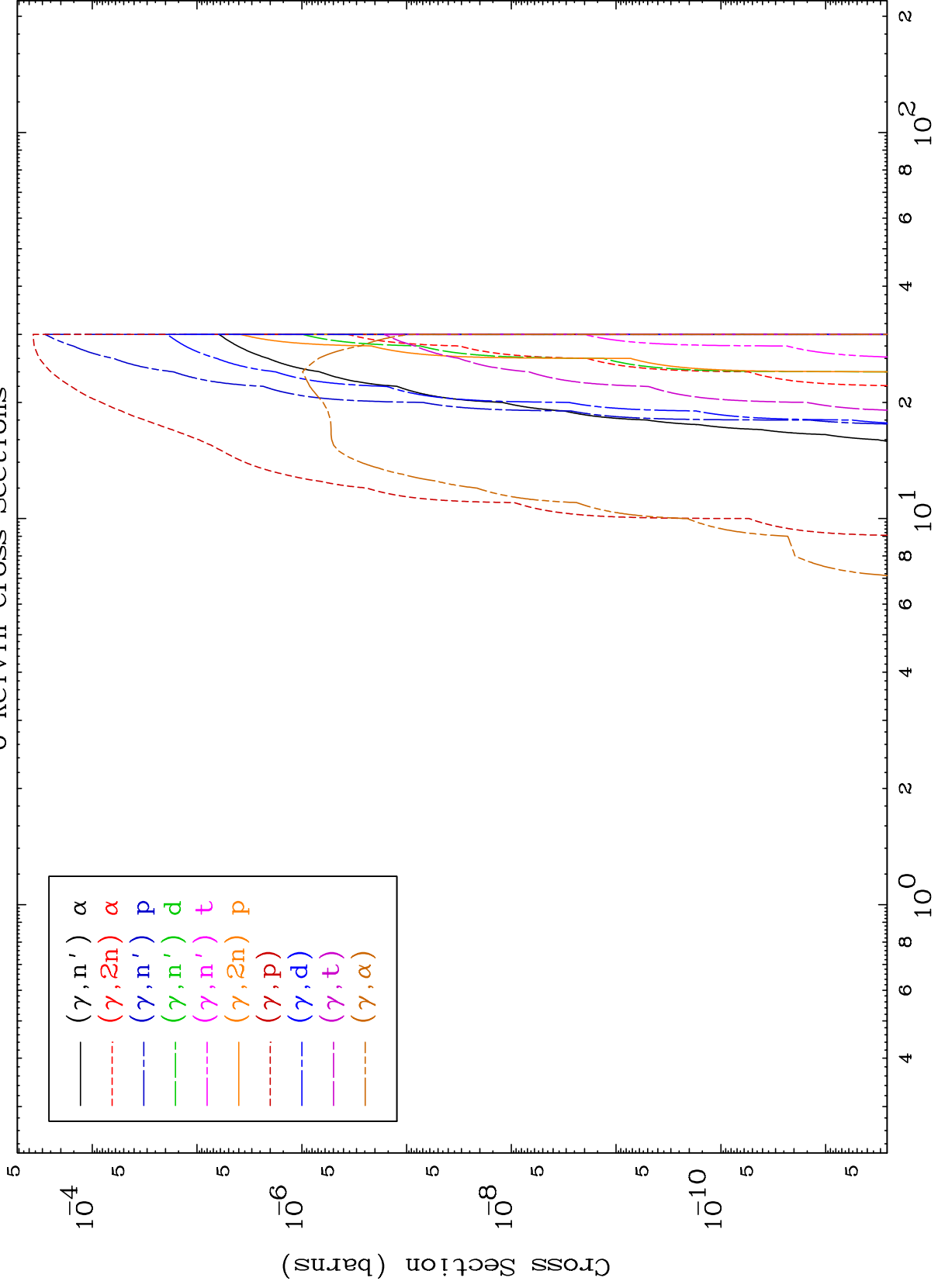
80-Hg-198



MAT 8031

Photon Charged Particle  
0 Kelvin Cross Sections

80-Hg-198

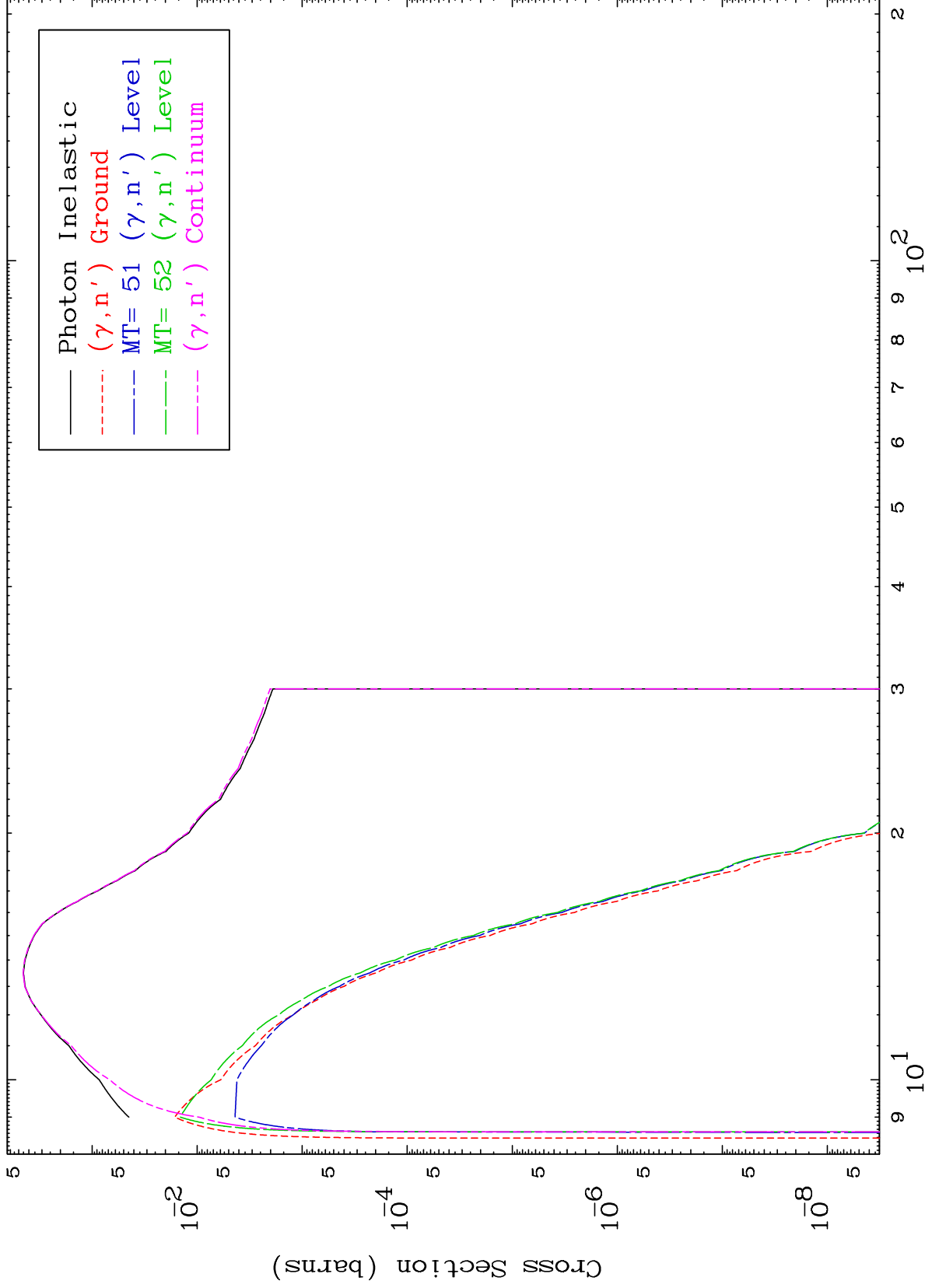


MAT 8031

$(\gamma, n')$  Level

80-Hg-198

0 Kelvin Cross Sections



Incident Energy (MeV)

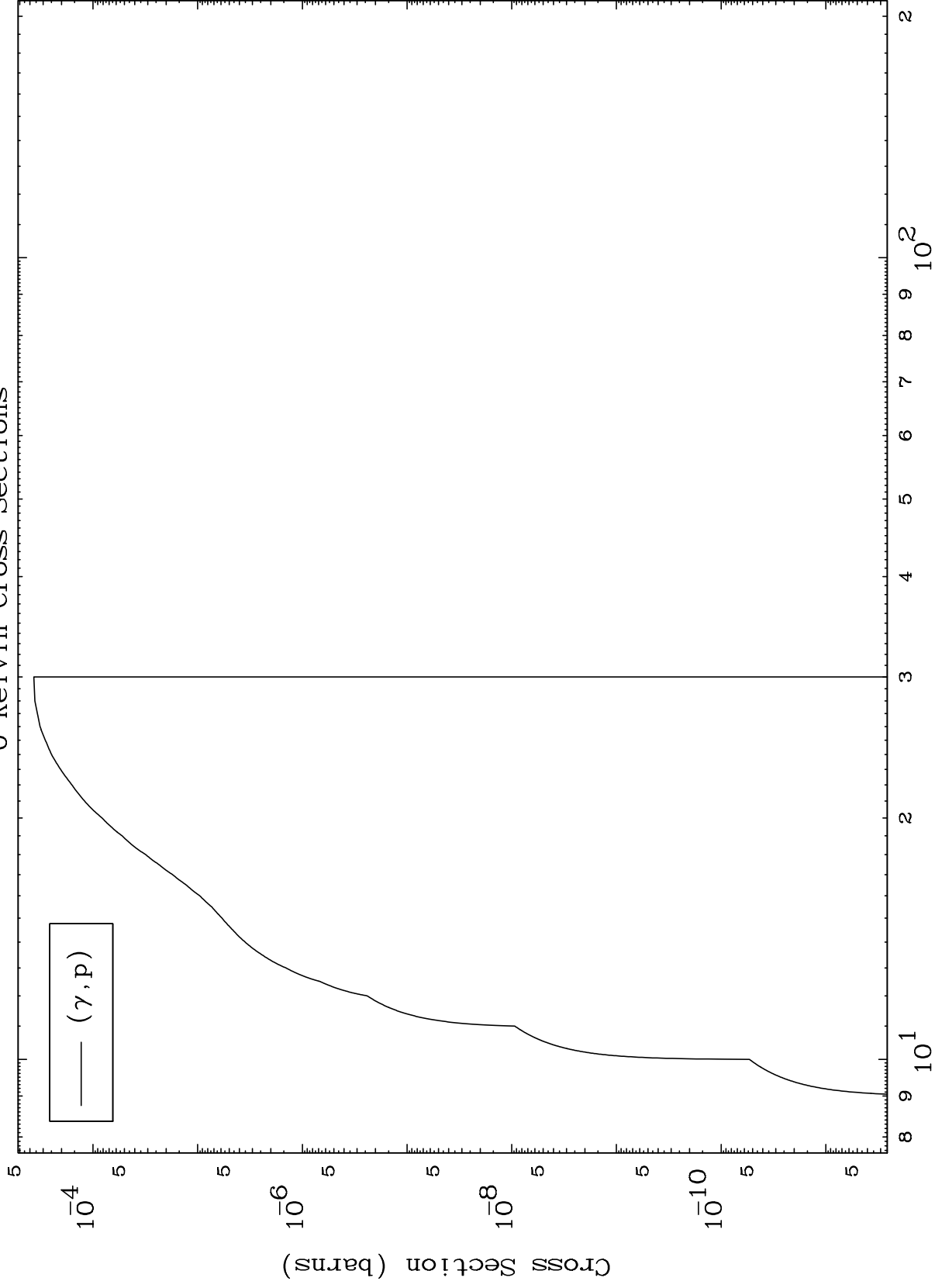
80-Hg-198

4

MAT 8031

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

80-Hg-198



Incident Energy (MeV)

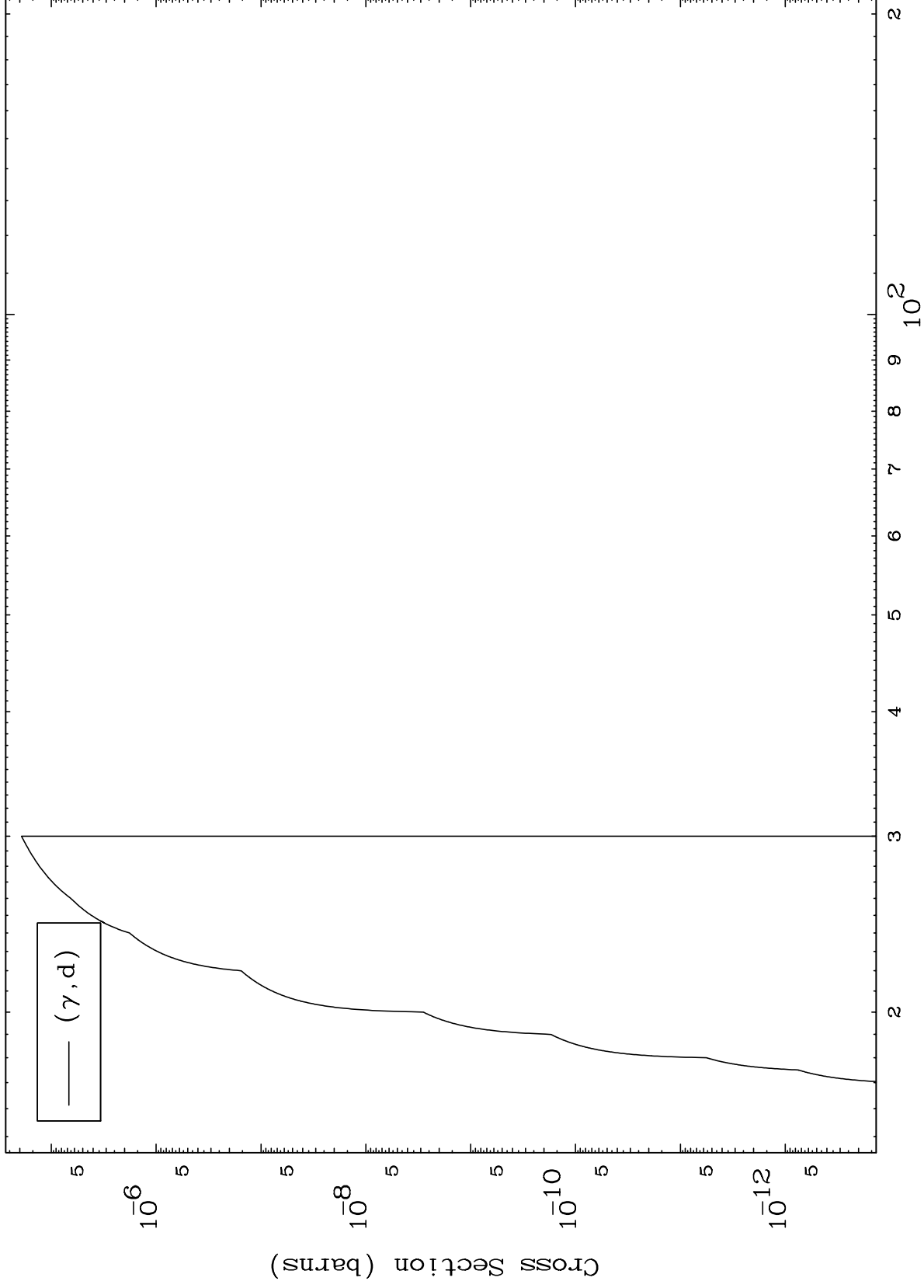
80-Hg-198

5

MAT 8031

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

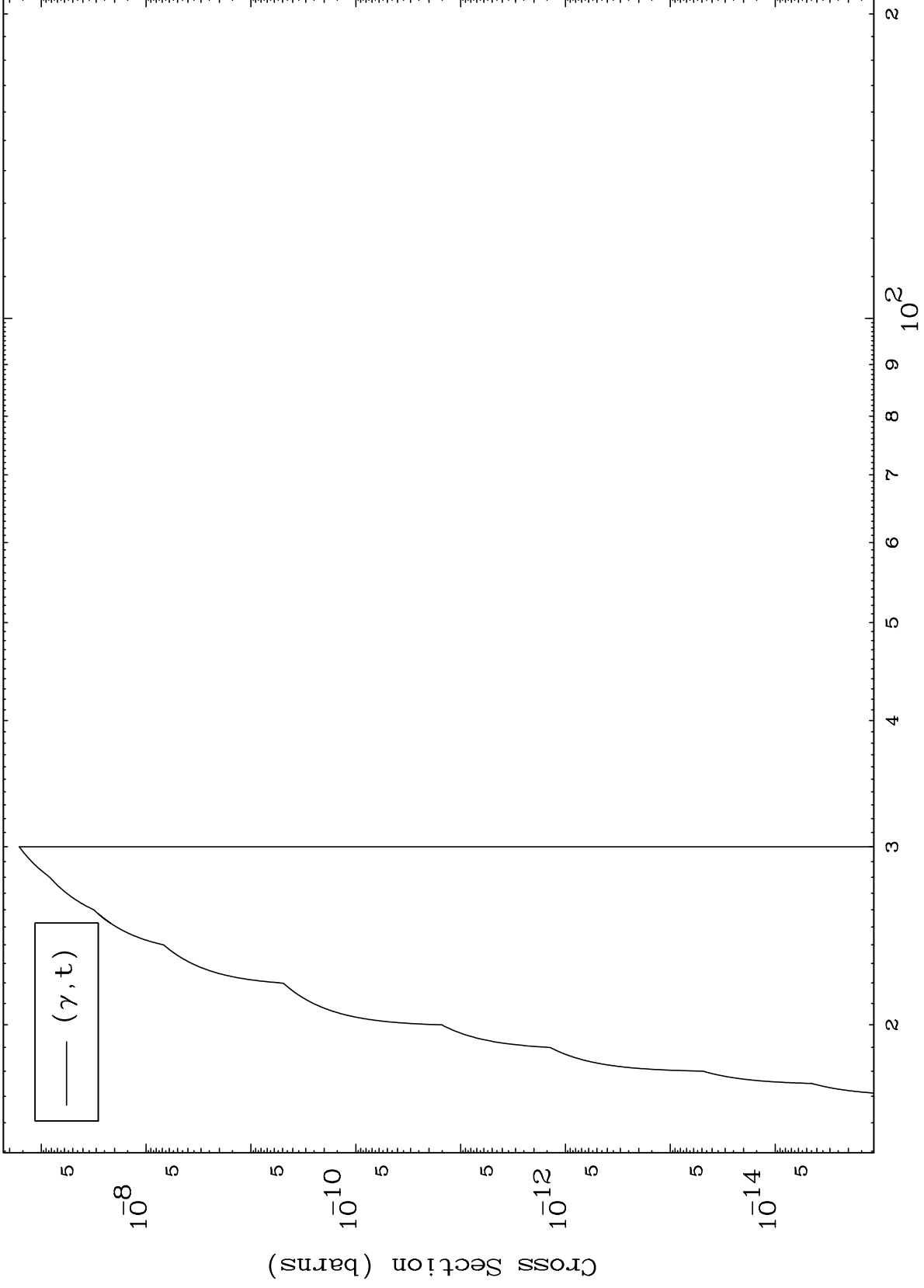
80-Hg-198



6

Incident Energy (MeV)

80-Hg-198

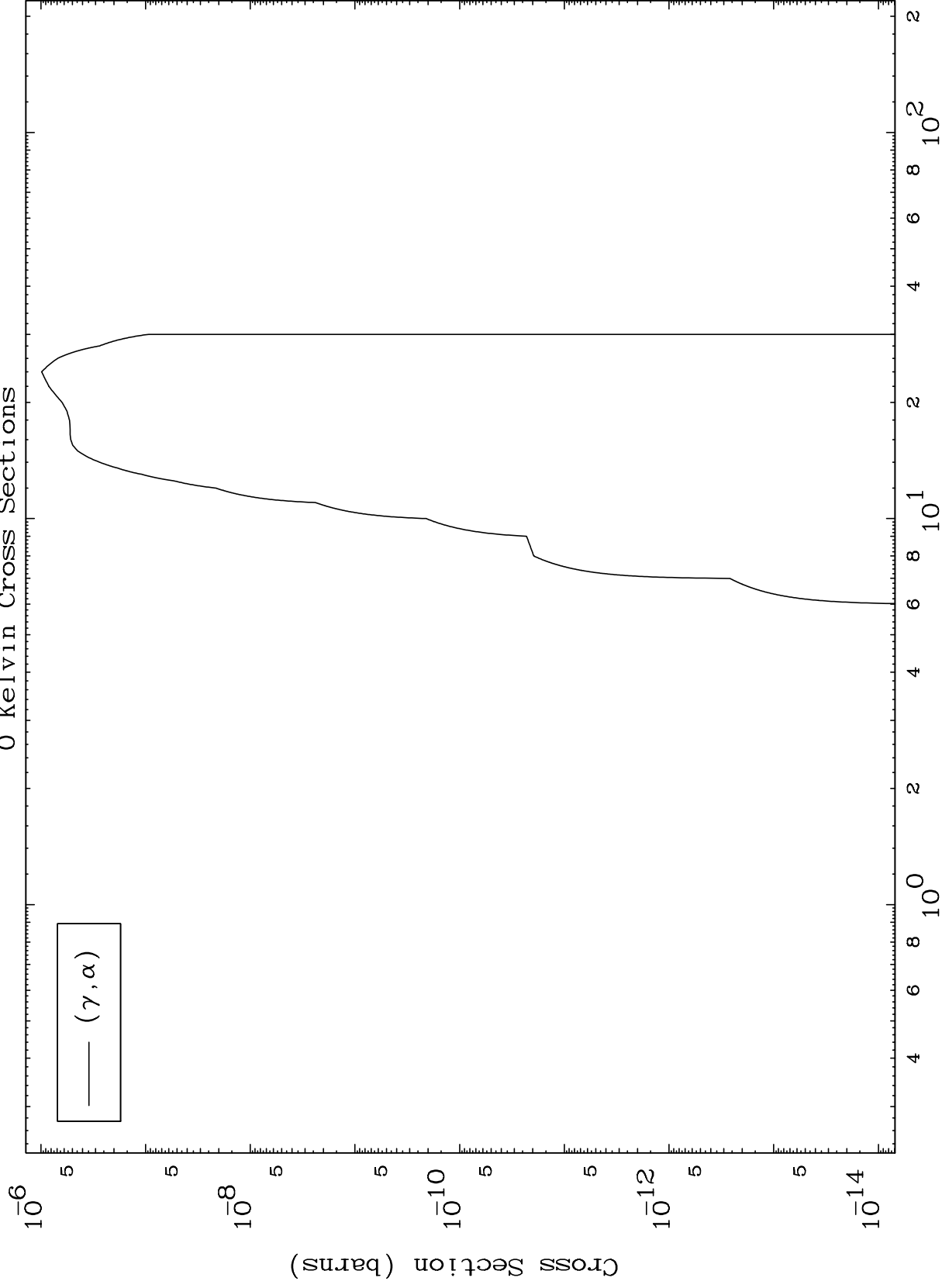




MAT 8031

80-Hg-198

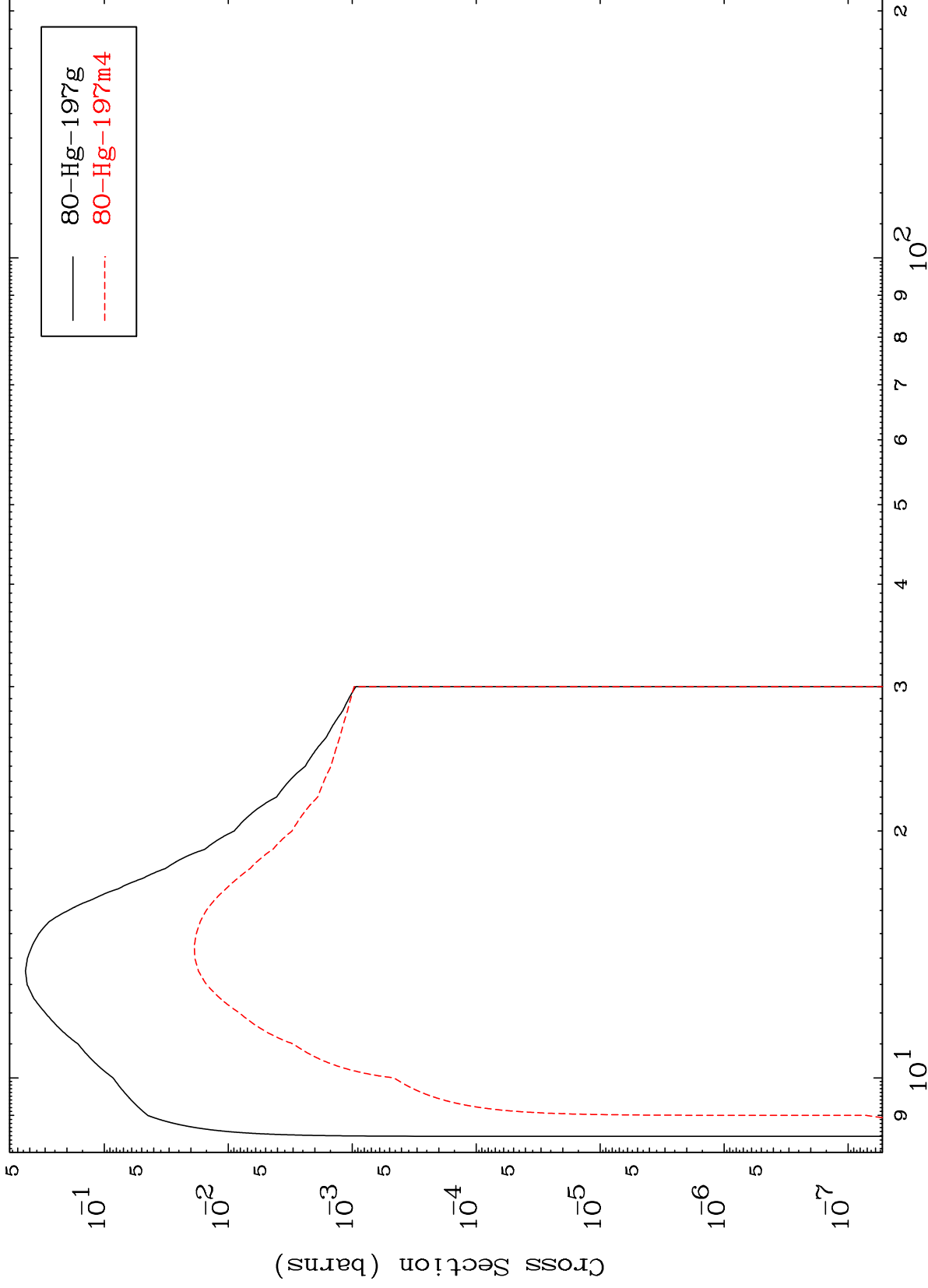
( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections



MAT 8031

Photon Inelastic  
Radionuclide Production Cross Section

80-Hg-198



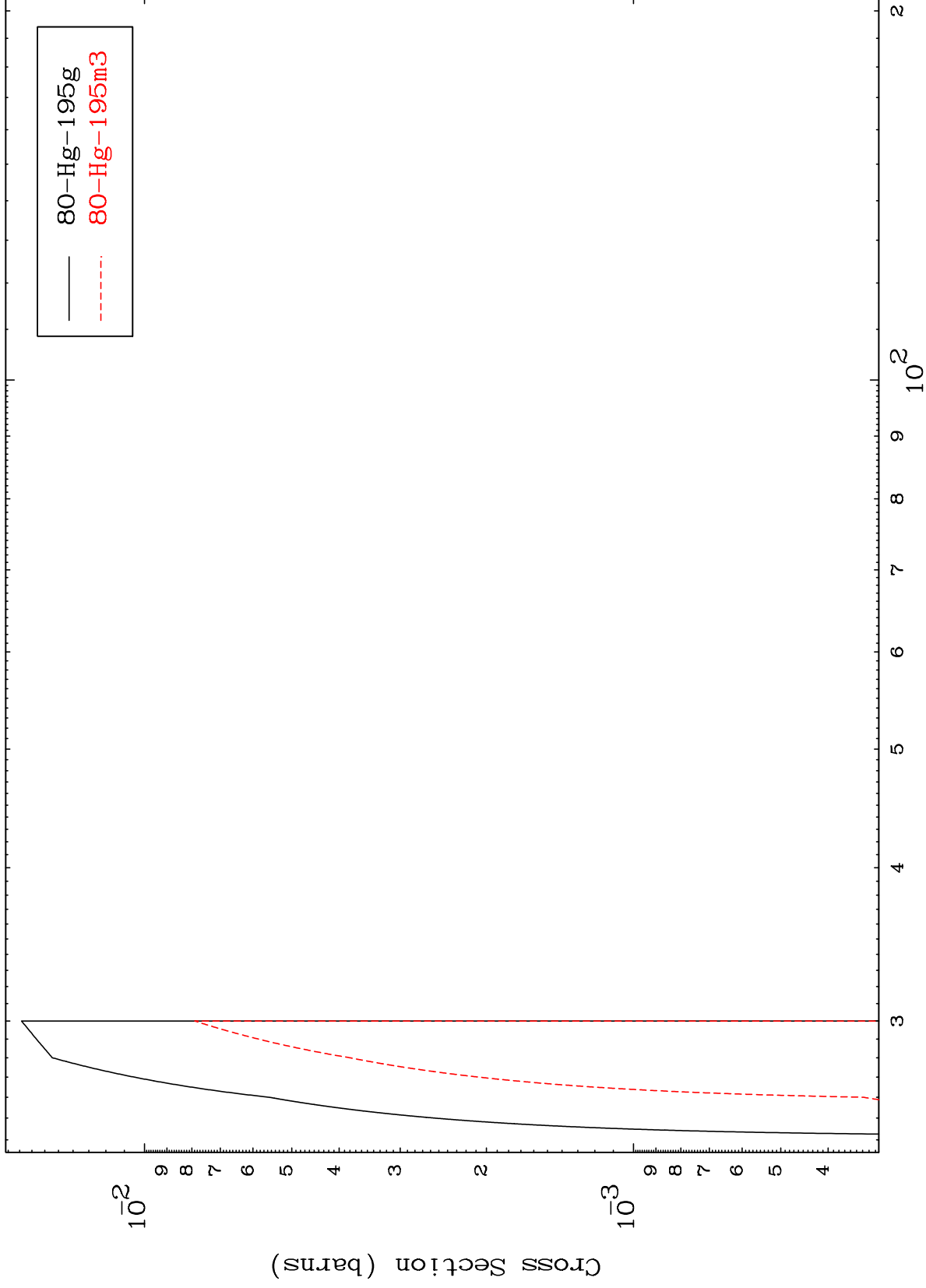
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

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



80-Hg-198

Incident Energy (MeV)

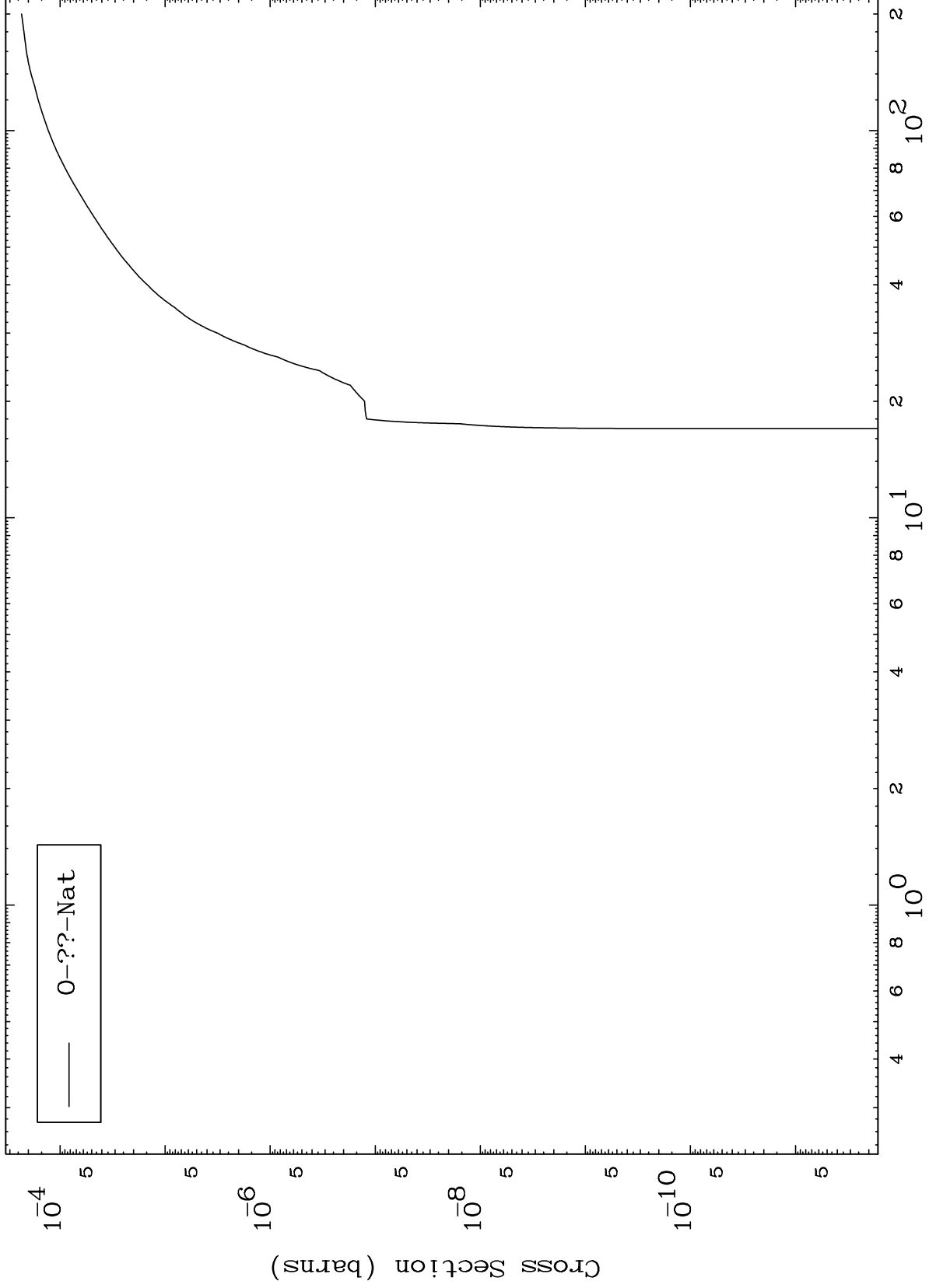
10

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Photon Fission

80-Hg-198

Radionuclide Production Cross Section

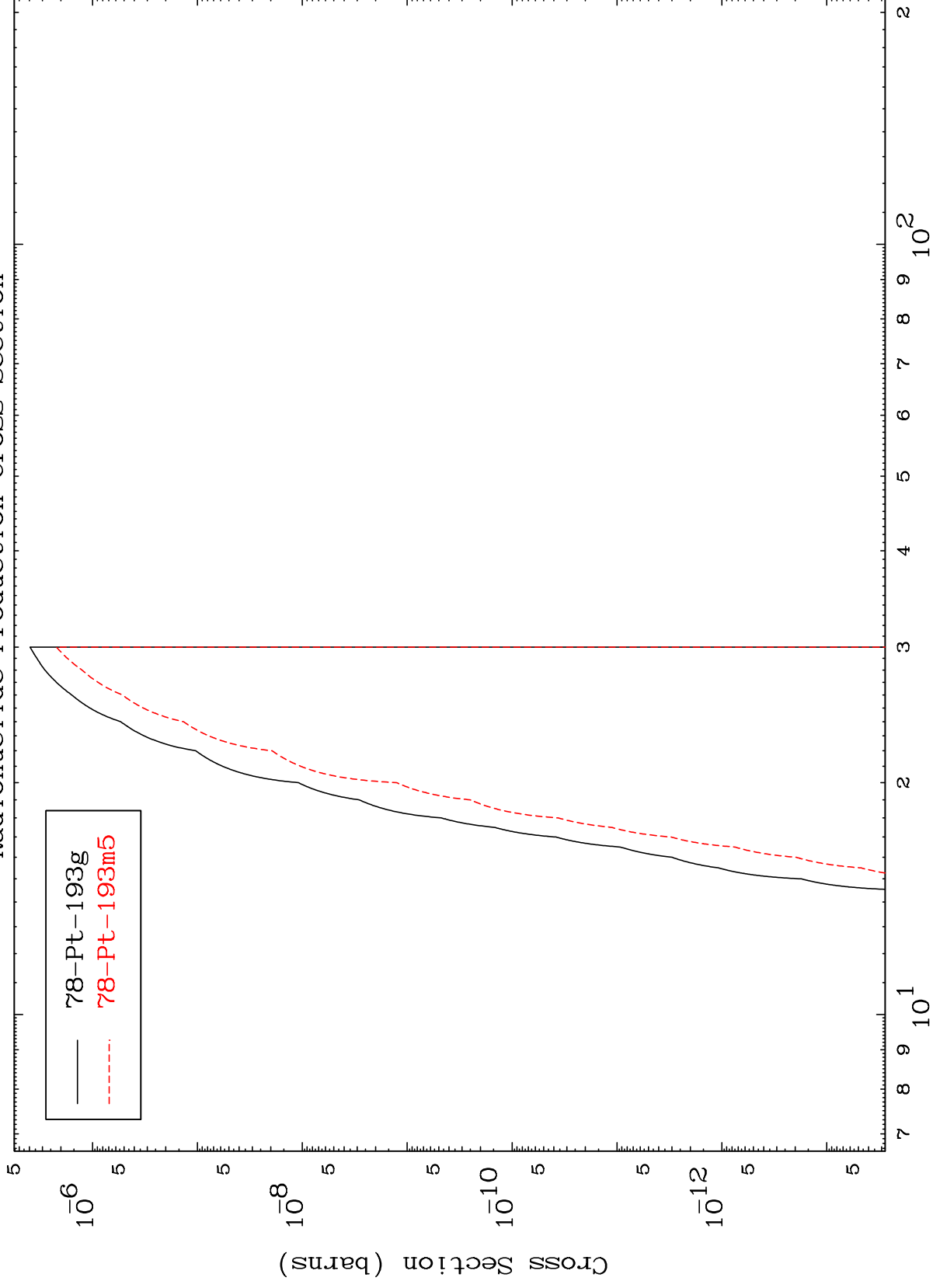


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$(\gamma, n')$   $\alpha$

80-Hg-198

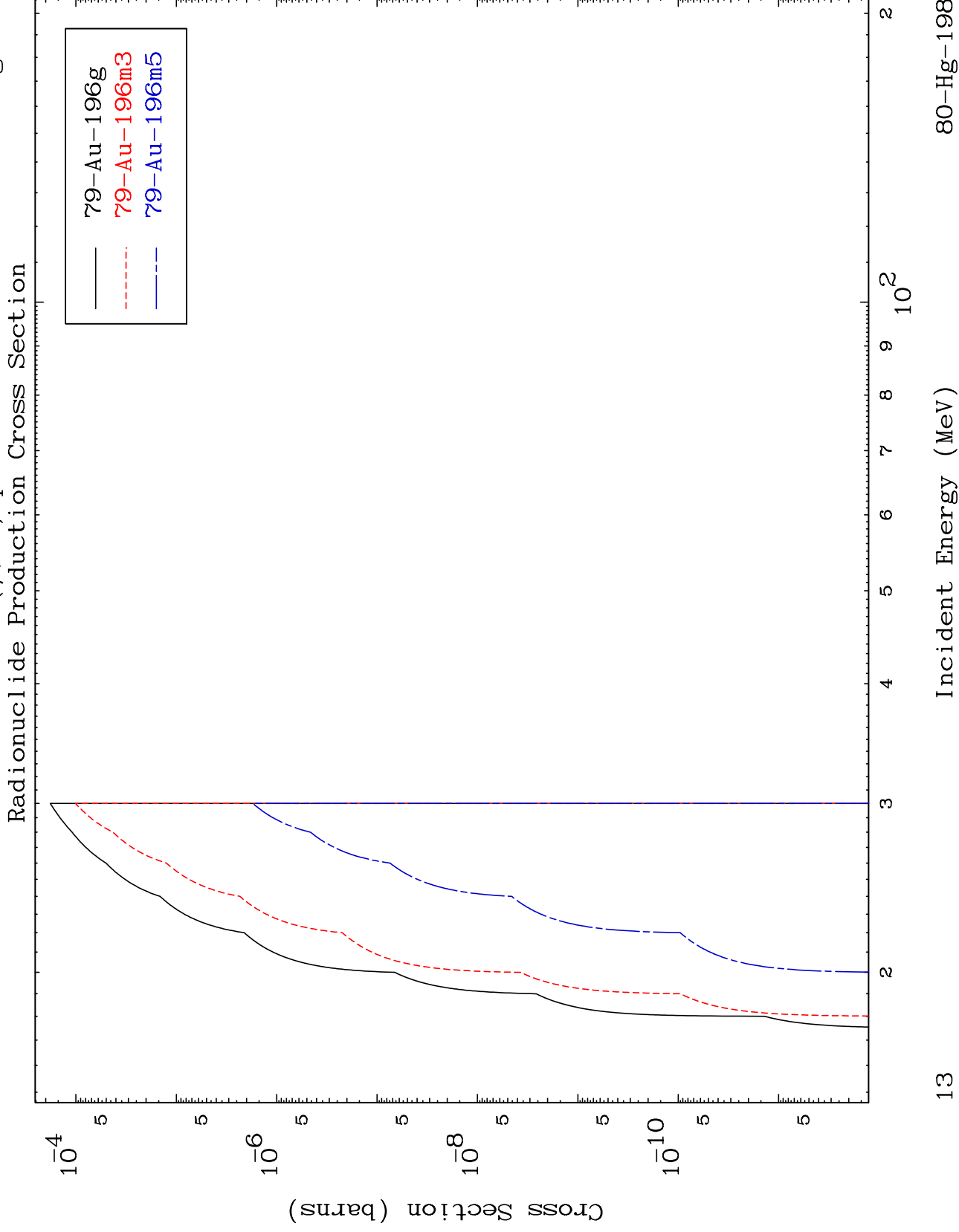
Radionuclide Production Cross Section



12

Incident Energy (MeV)

80-Hg-198

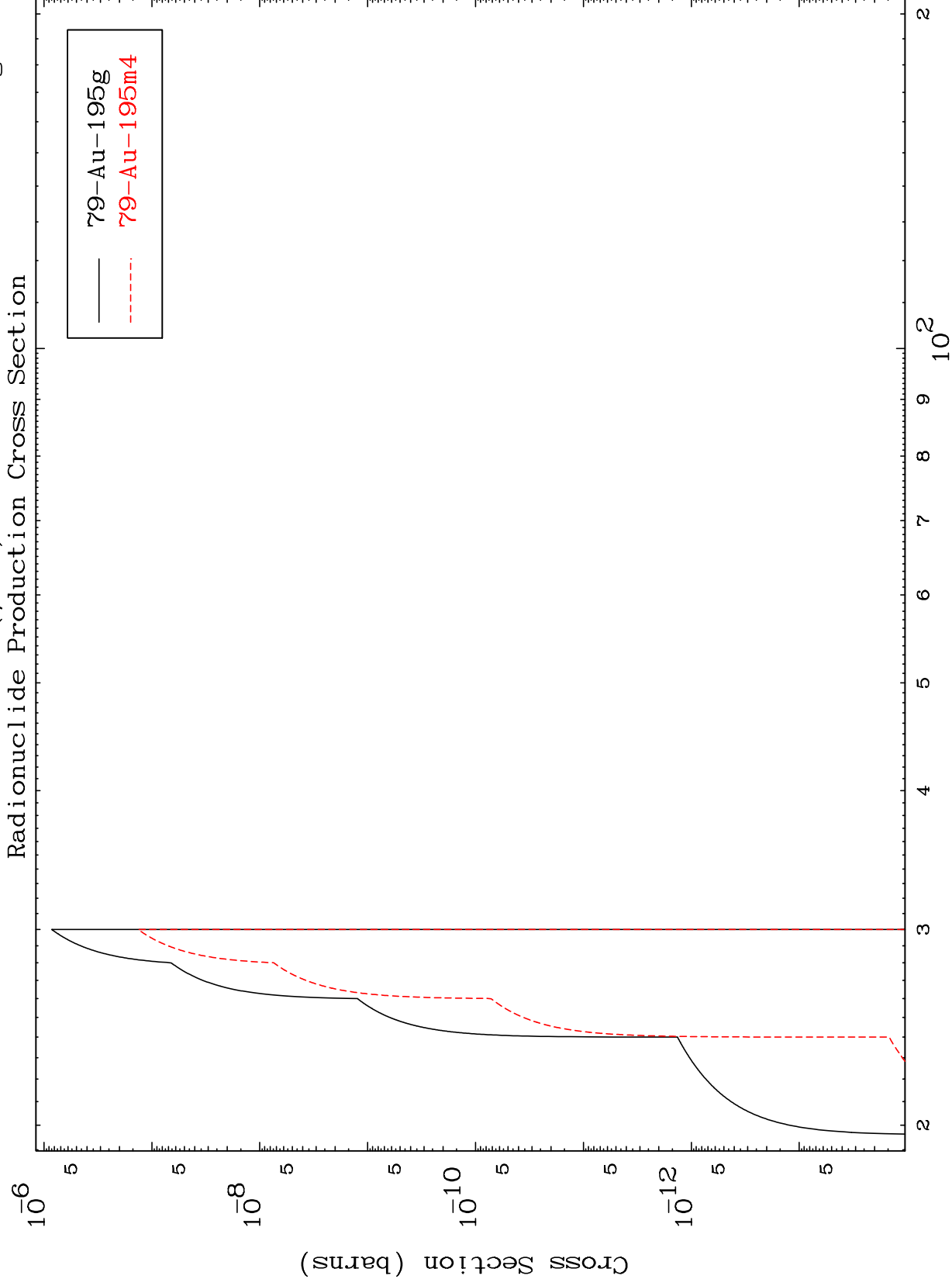


MAT 8031

$(\gamma, n')$  d

80-Hg-198

Radionuclide Production Cross Section

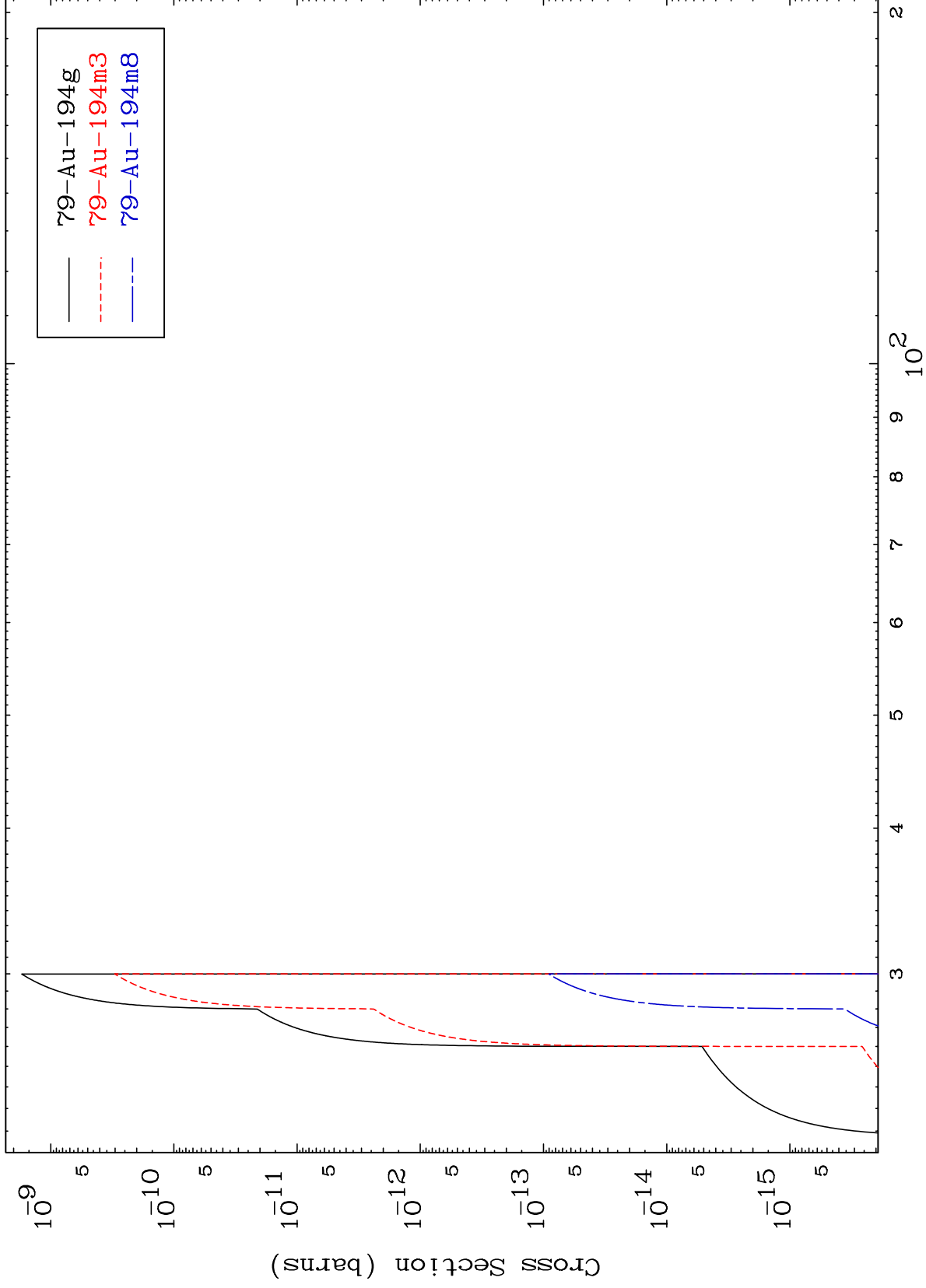


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Incident Energy (MeV)

80-Hg-198

Radionuclide Production Cross Section



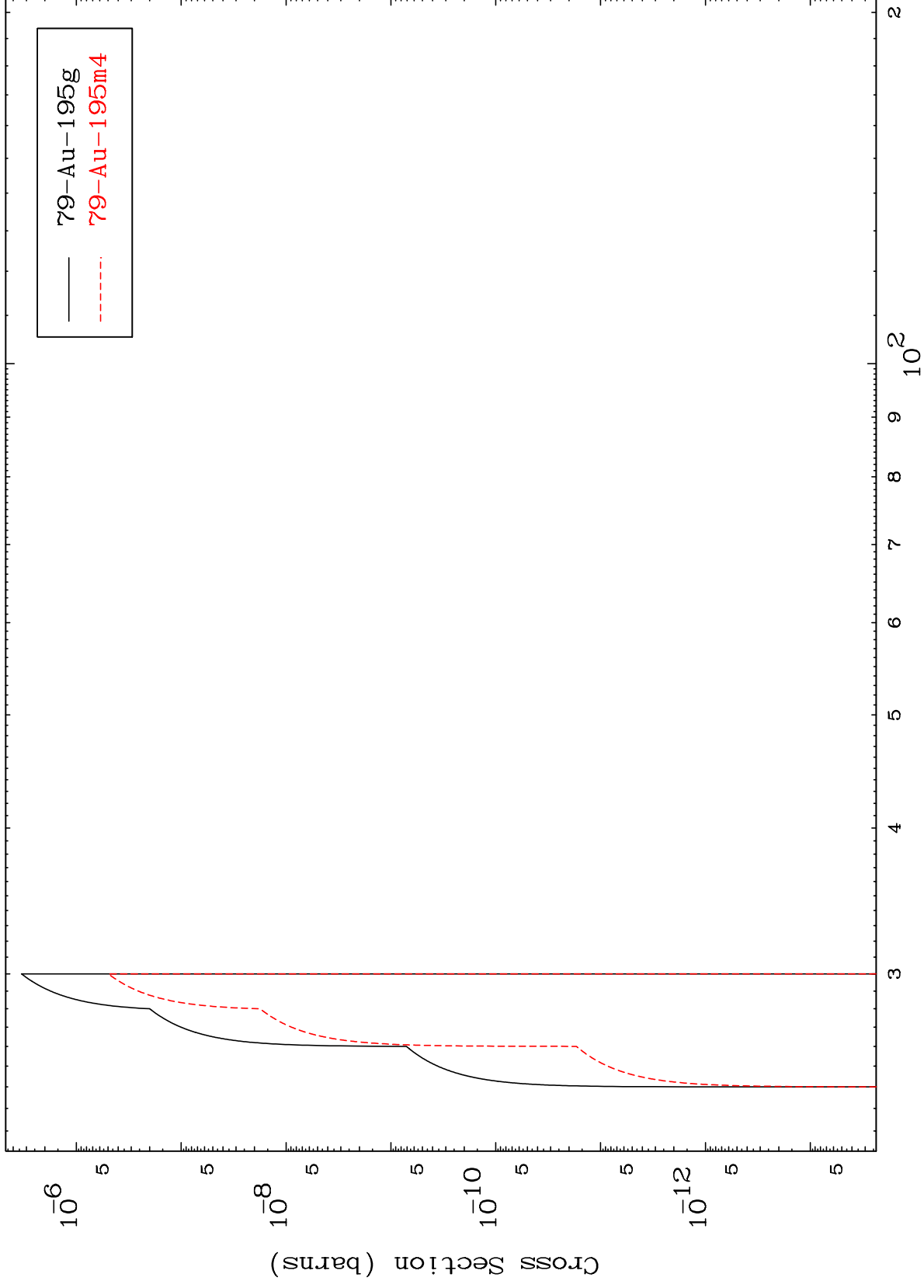


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$(\gamma, 2n)$  p

80-Hg-198

Radionuclide Production Cross Section



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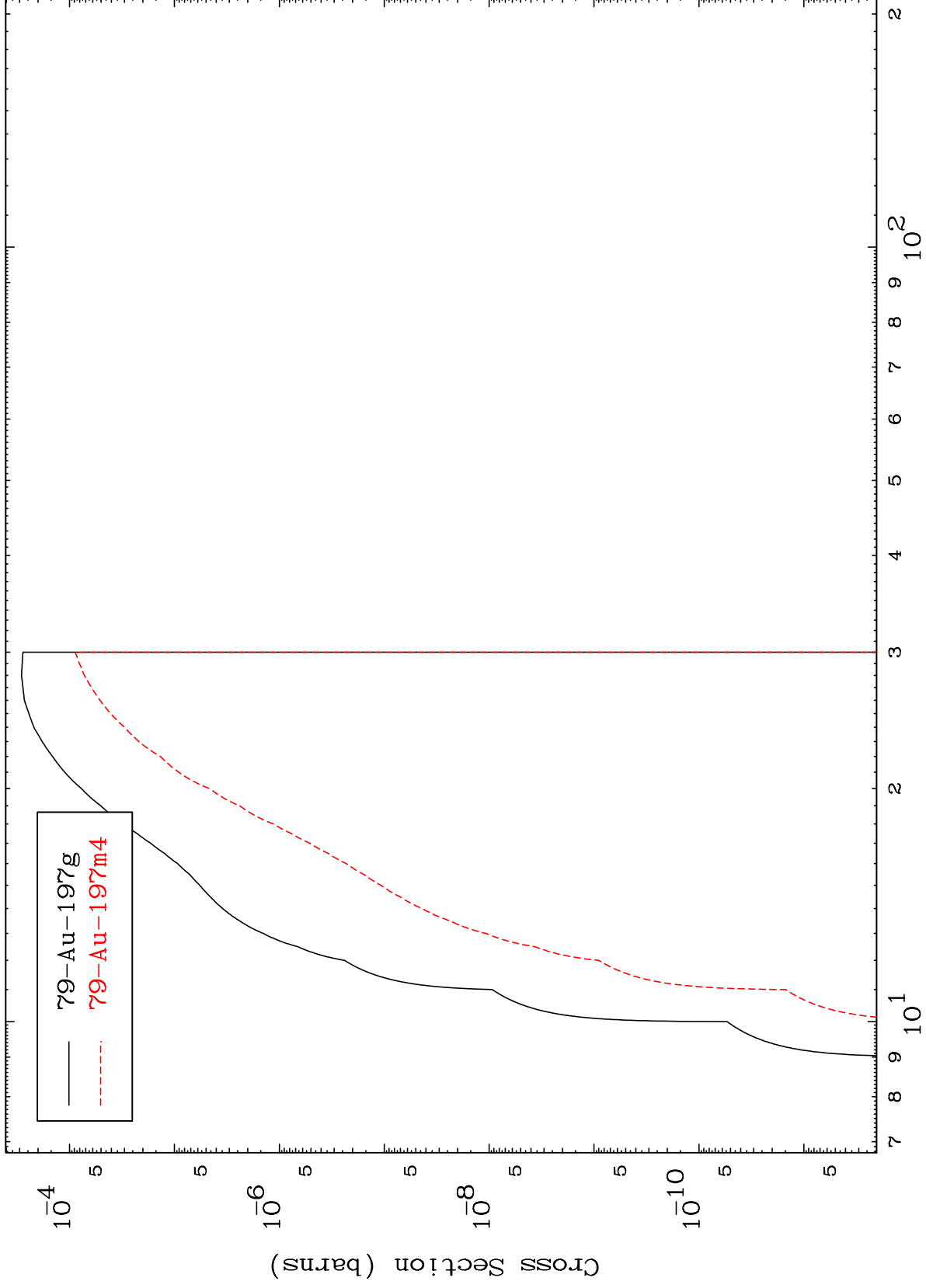
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

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



17

Incident Energy (MeV)

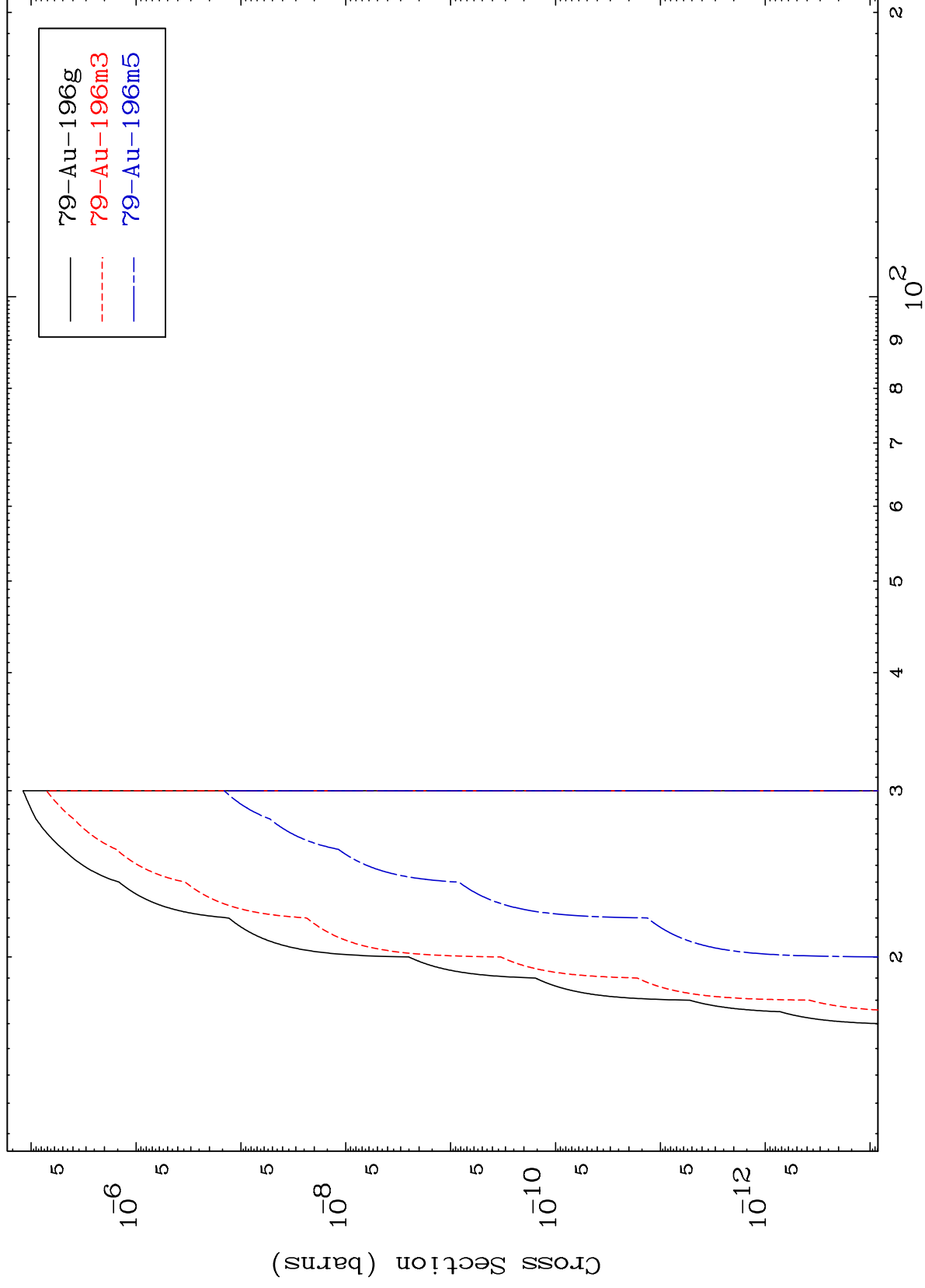
80-Hg-198

MAT 8031

( $\gamma, d$ )

80-Hg-198

Radionuclide Production Cross Section



18

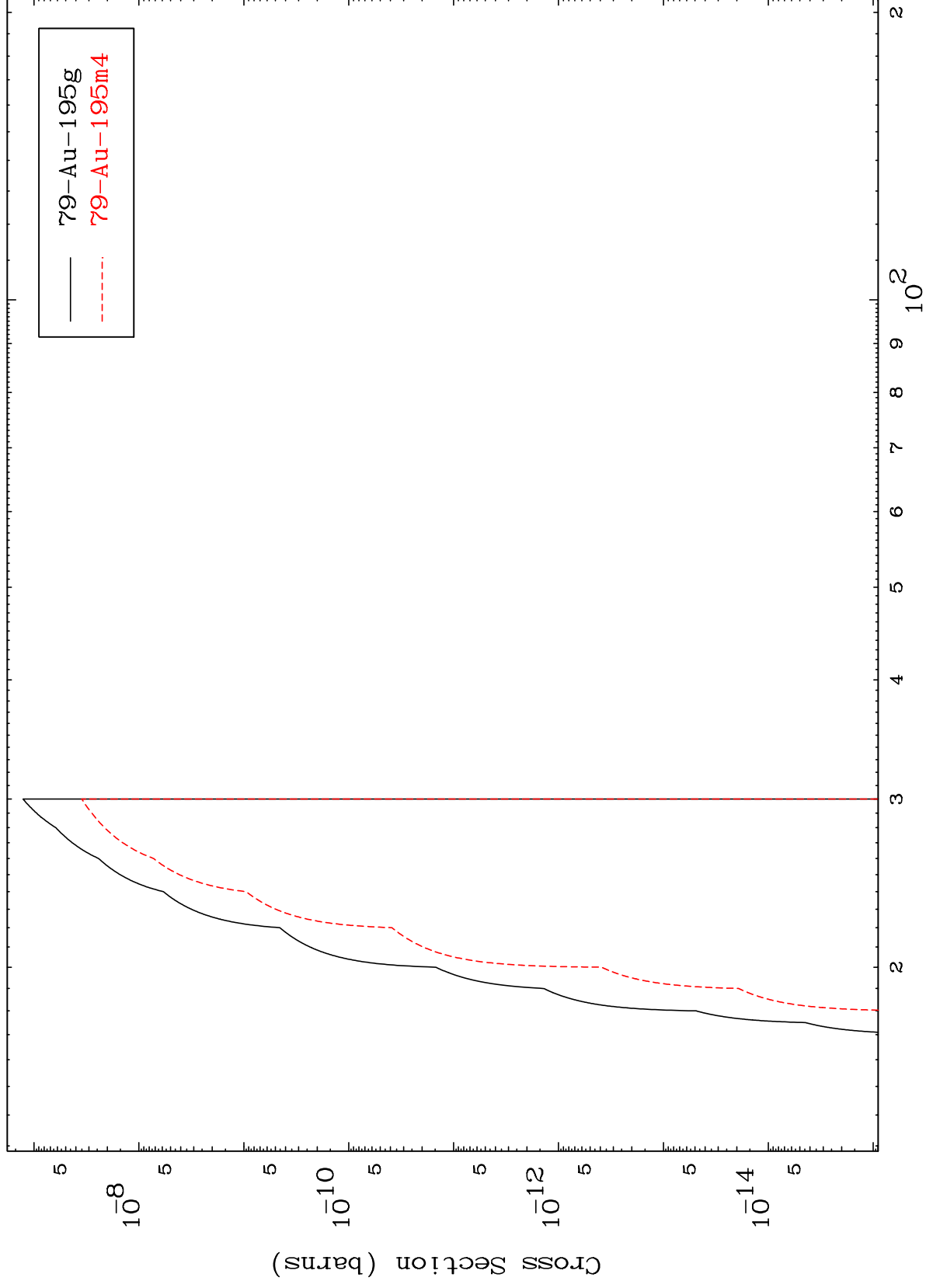
Incident Energy (MeV)

80-Hg-198

MAT 8031

80-Hg-198

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



19

Incident Energy (MeV)

80-Hg-198