

Program EVALPLOT  
(Version 2018-1)

by

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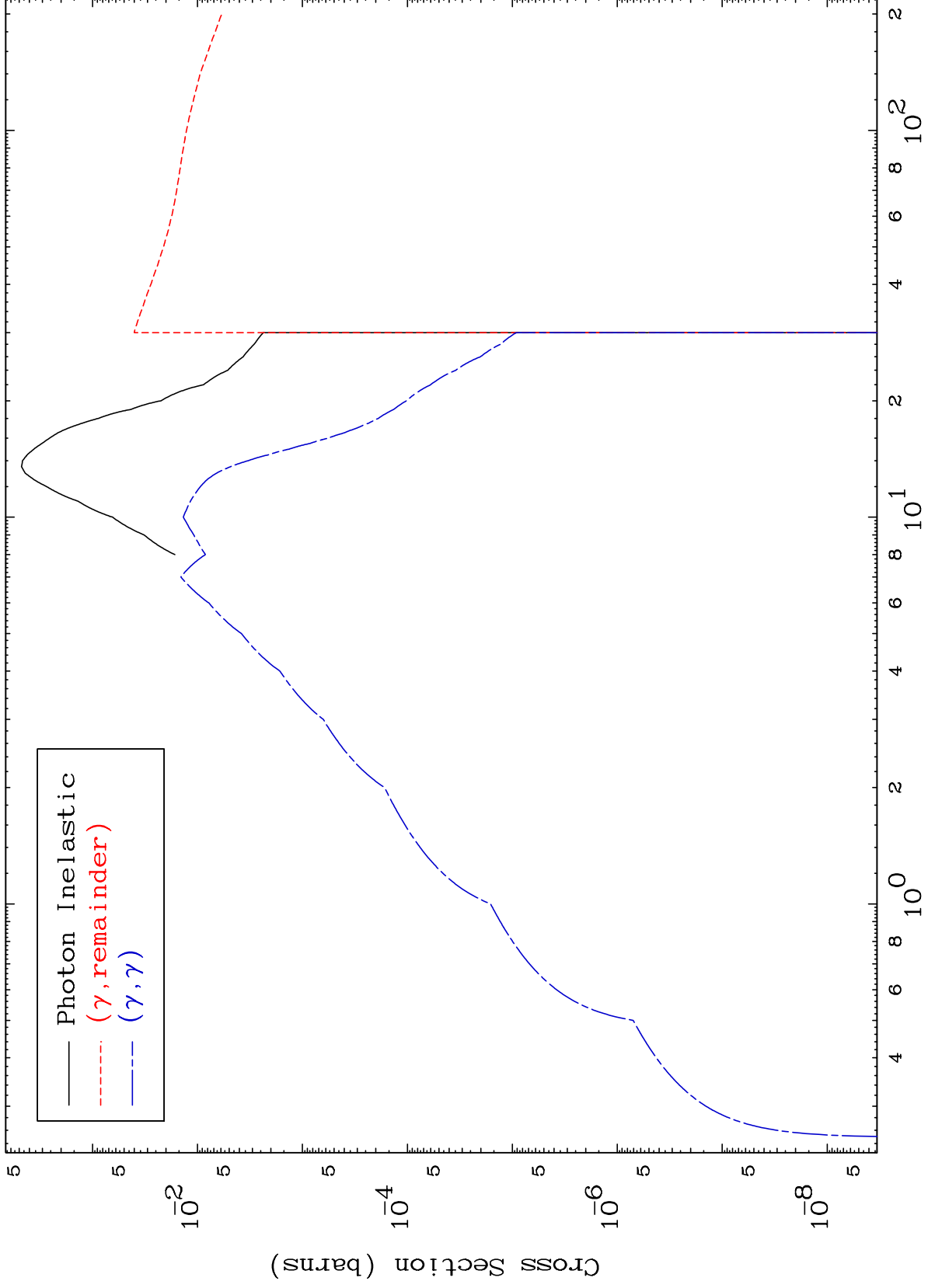
Press Mouse Button to Start

MAT 8110

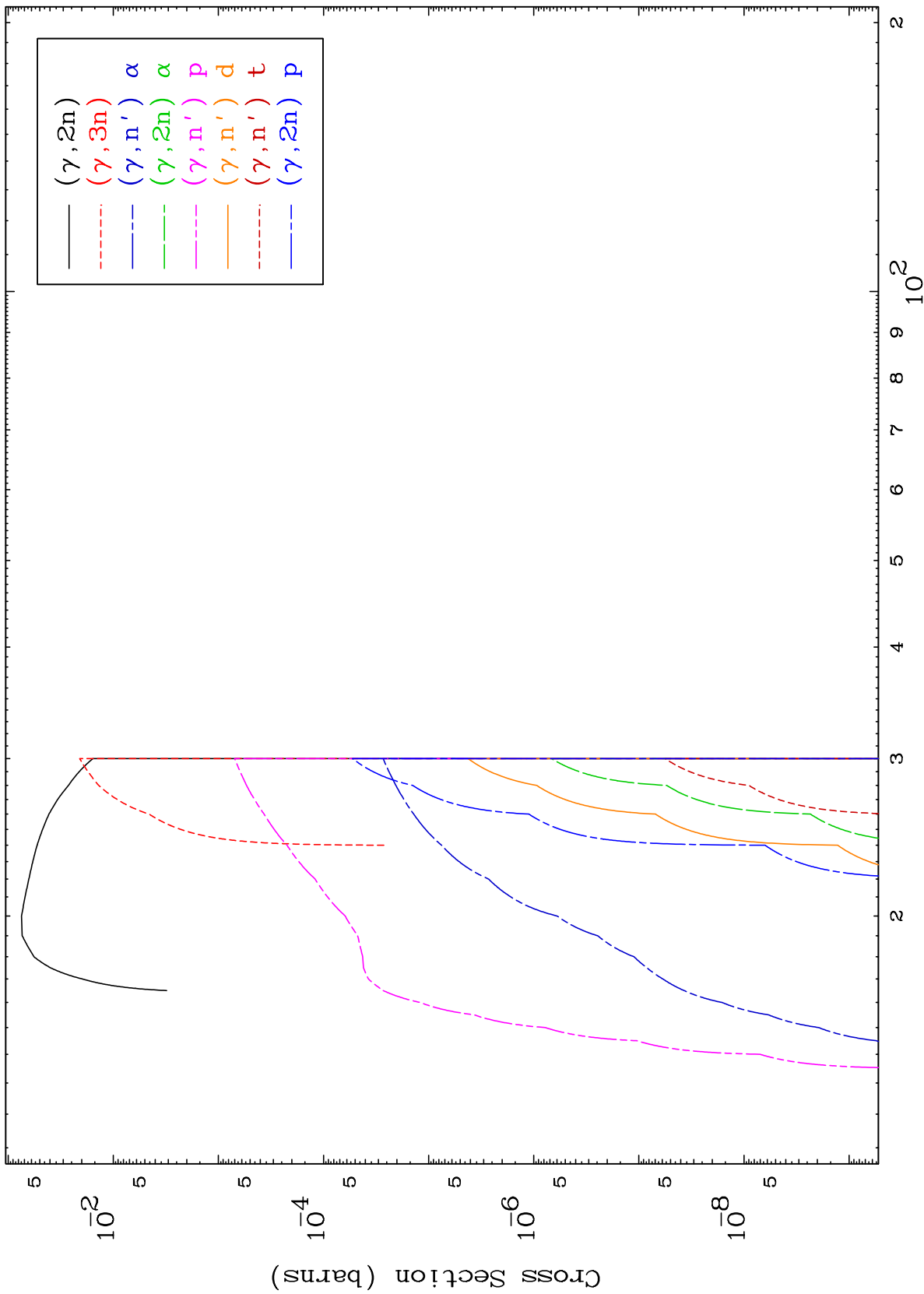
Photon Major

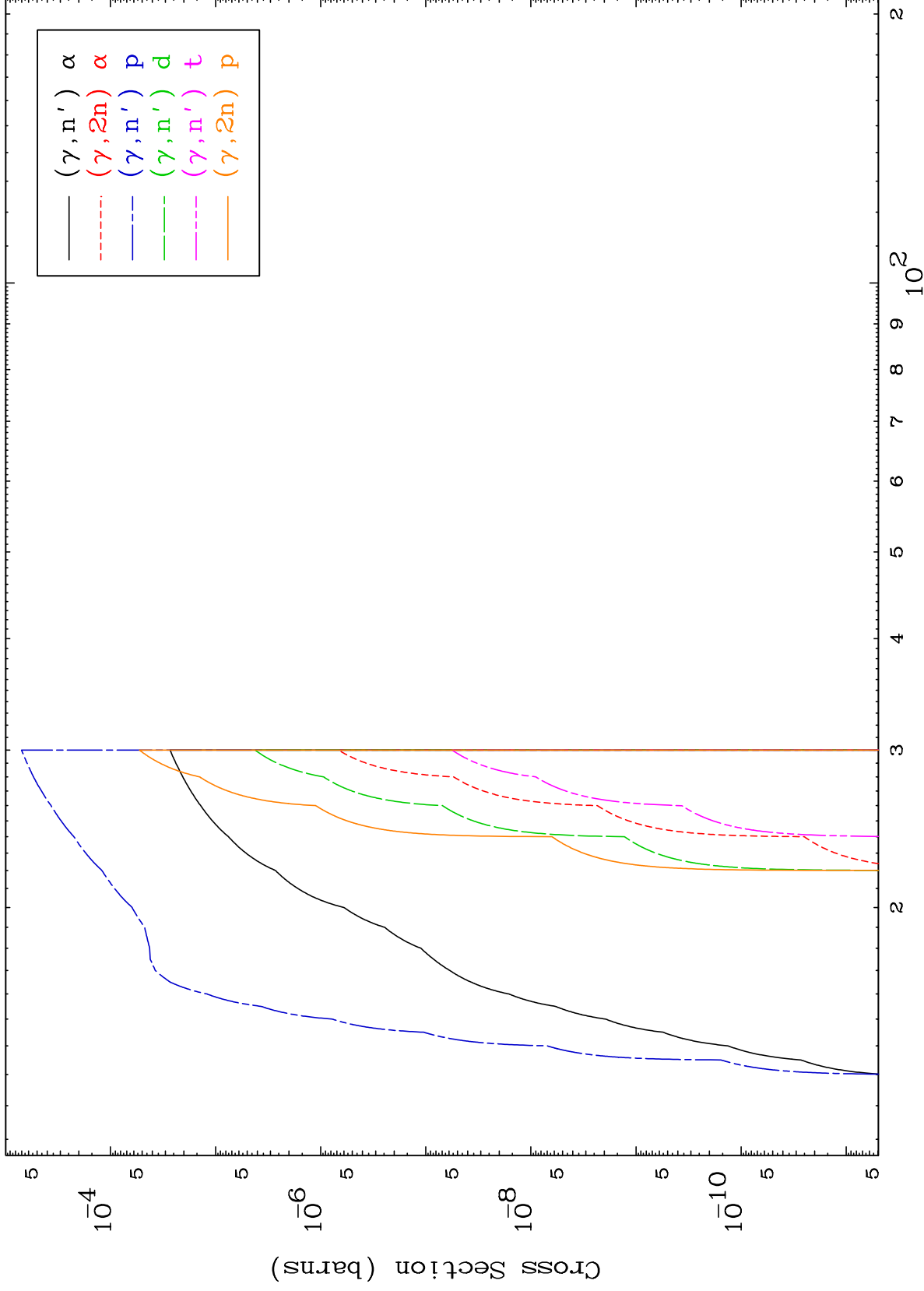
81-Tl-198

0 Kelvin Cross Sections



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

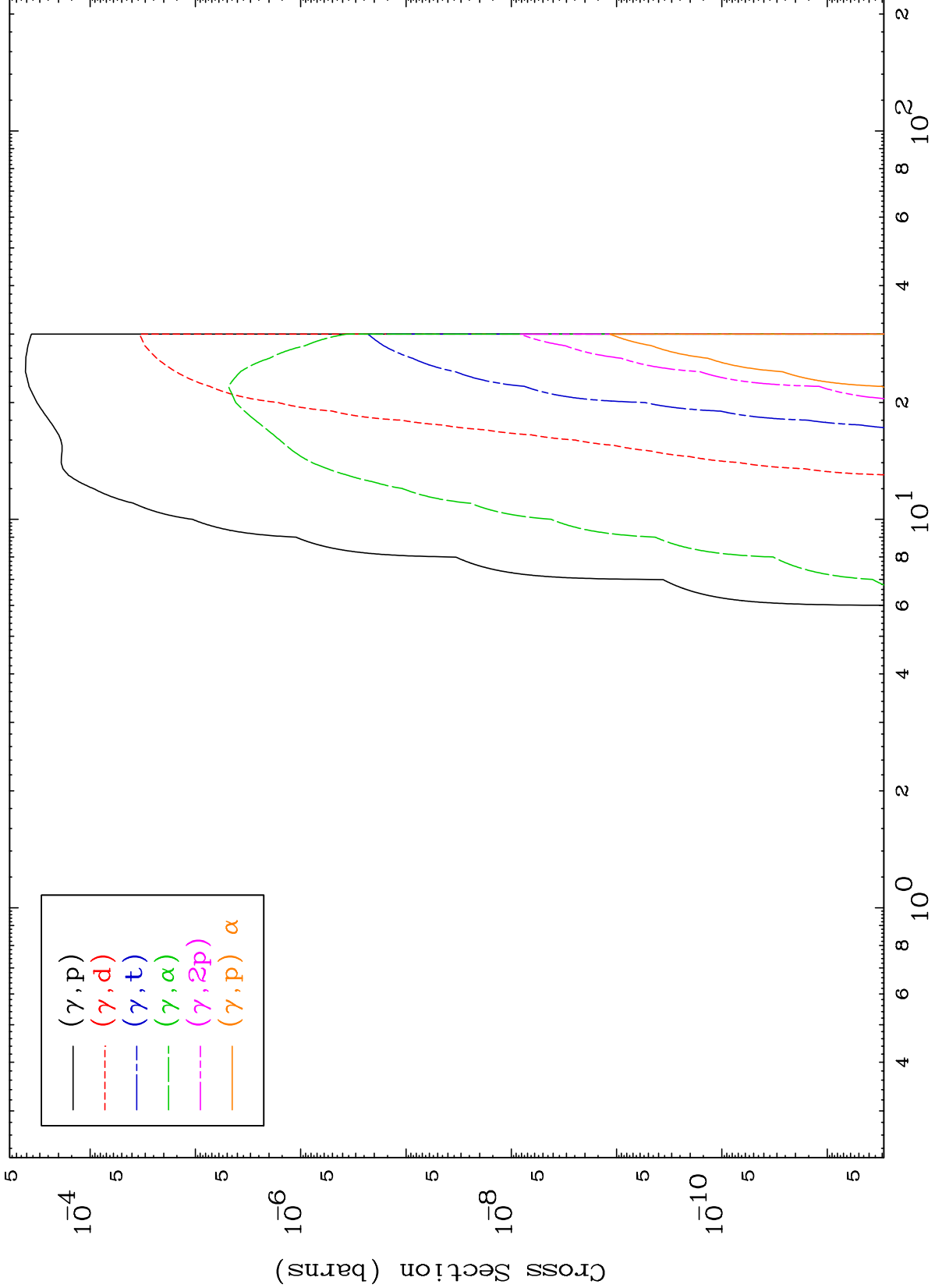




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Photon Charged Particle  
0 Kelvin Cross Sections

81-Tl-198

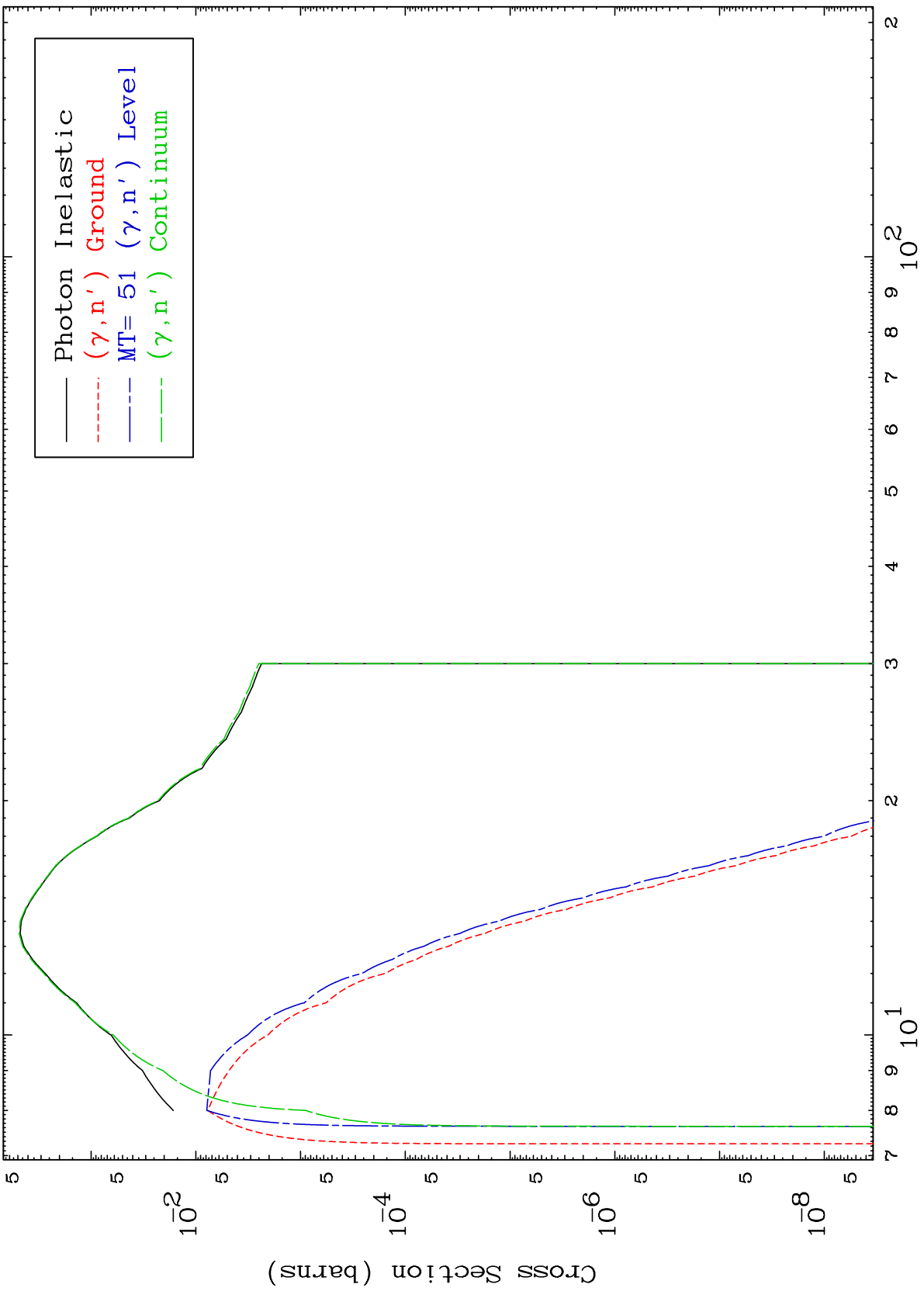


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( $\gamma, n'$ ) Level

81-Tl-198

0 Kelvin Cross Sections



Incident Energy (MeV)

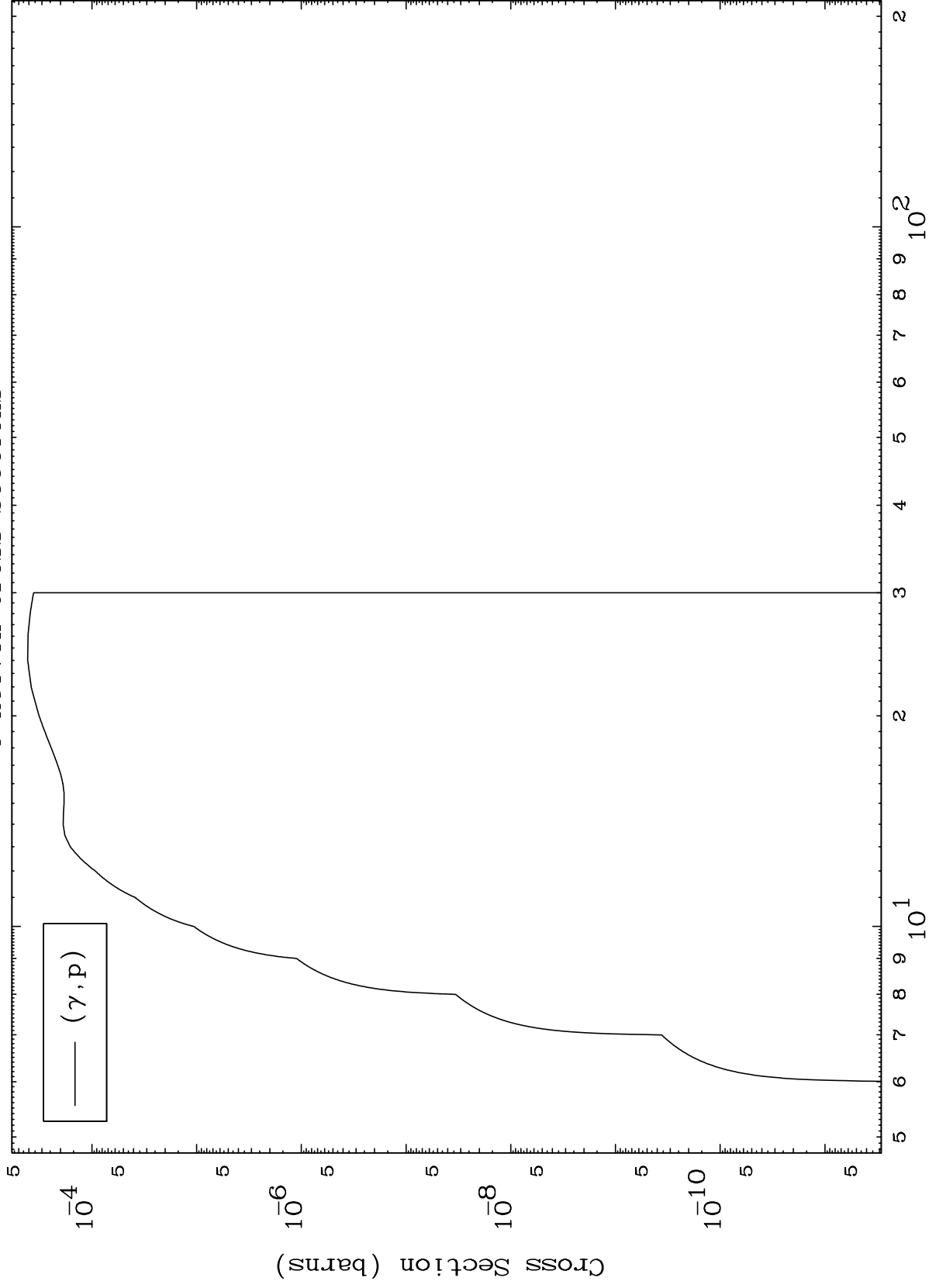
81-Tl-198

5

MAT 81110

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

81-T1-198



Incident Energy (MeV)

81-T1-198

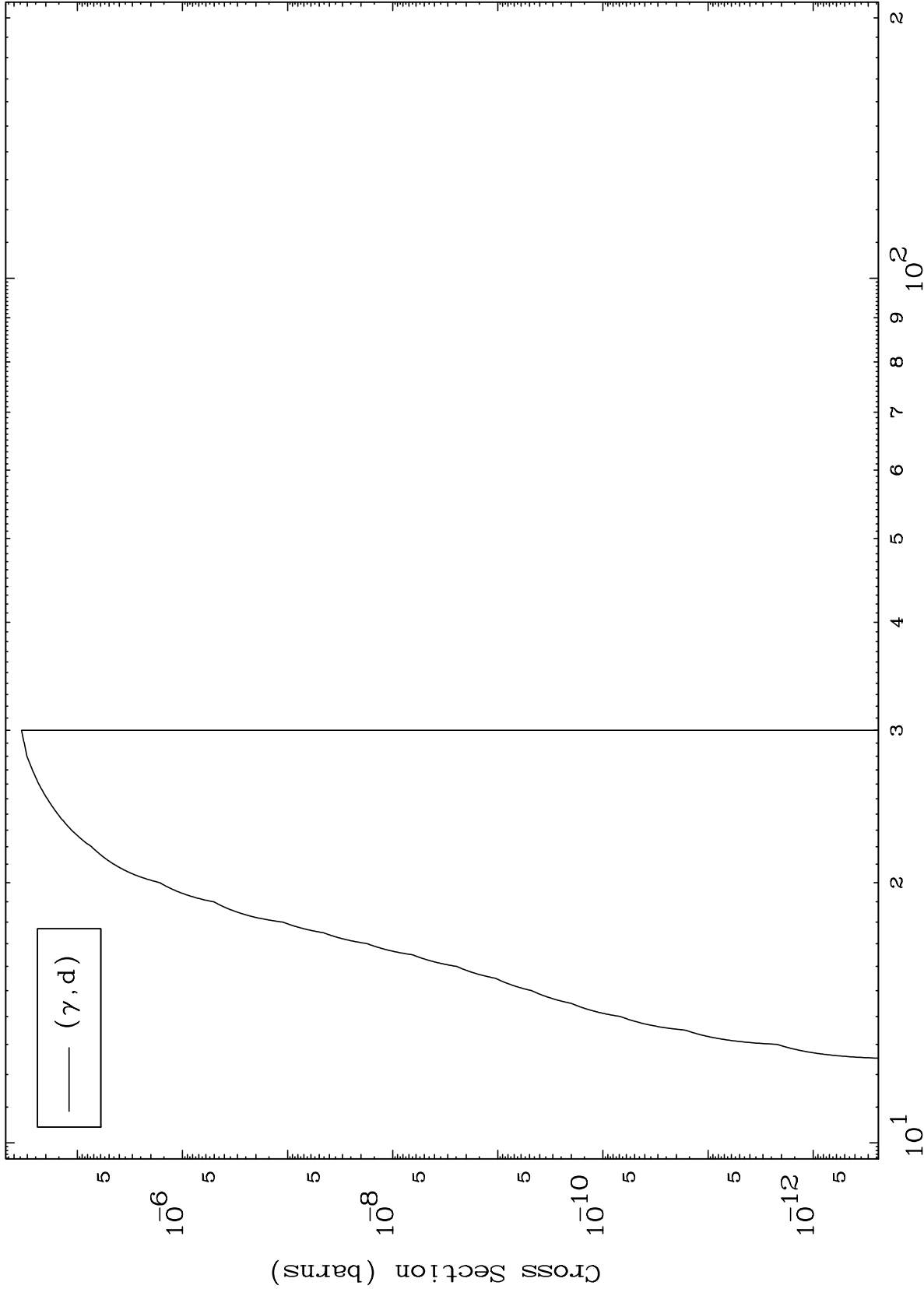
6

MAT 8110

( $\gamma, d$ ) Levels

81-Tl-198

0 Kelvin Cross Sections

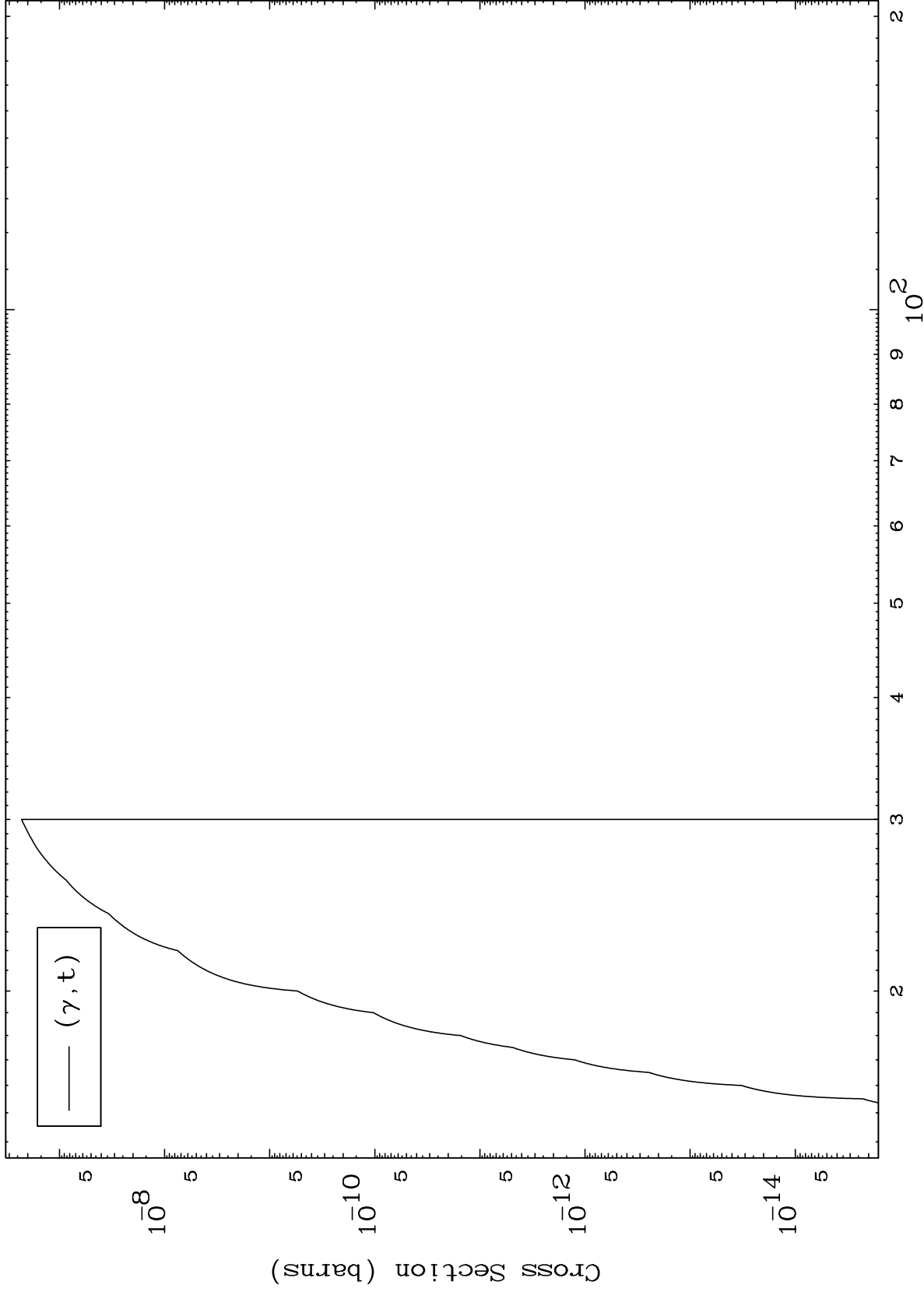


Incident Energy (MeV)

81-Tl-198



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

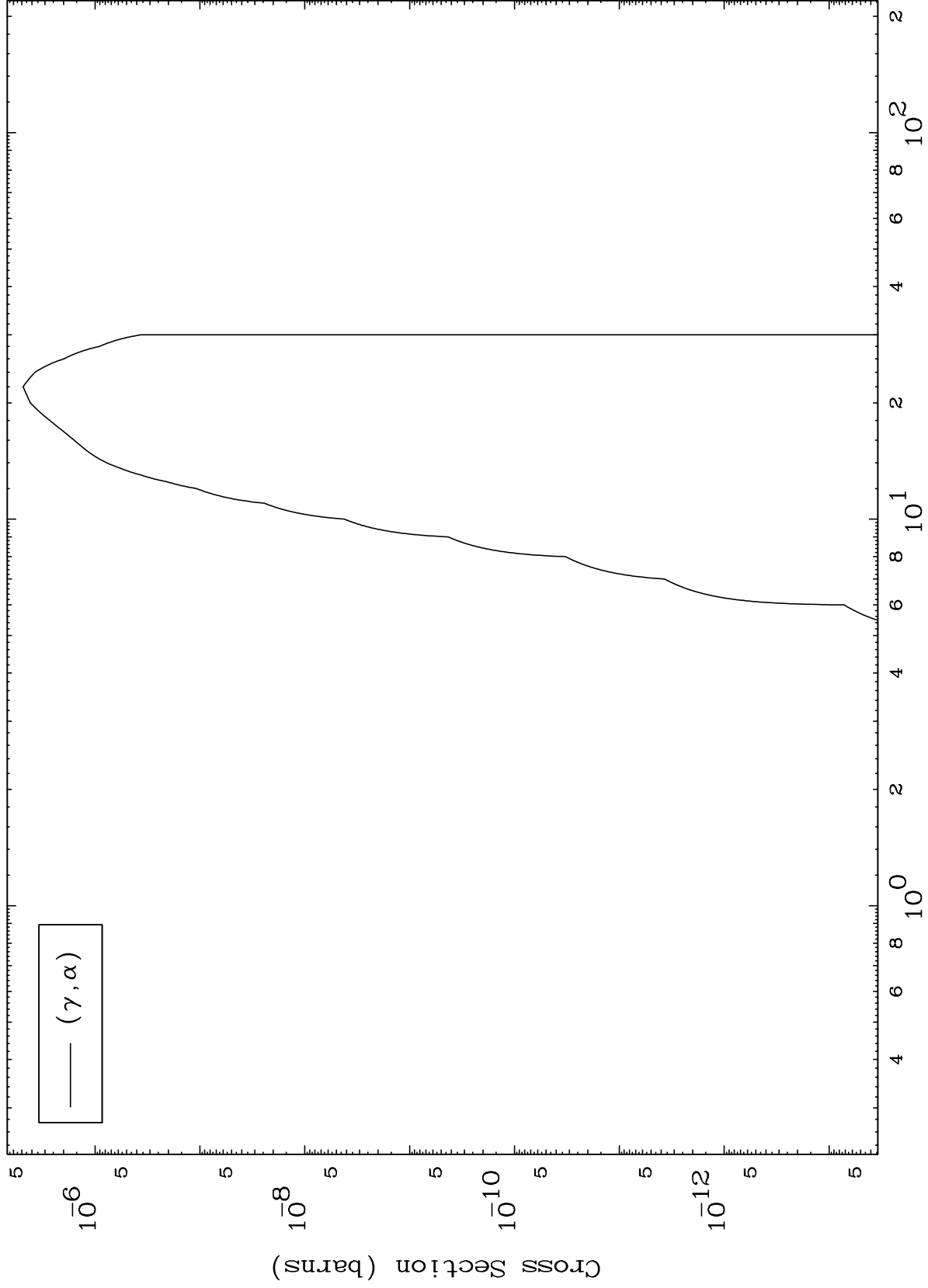


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( $\gamma, \alpha$ ) Levels

81-Tl-198

0 Kelvin Cross Sections



9

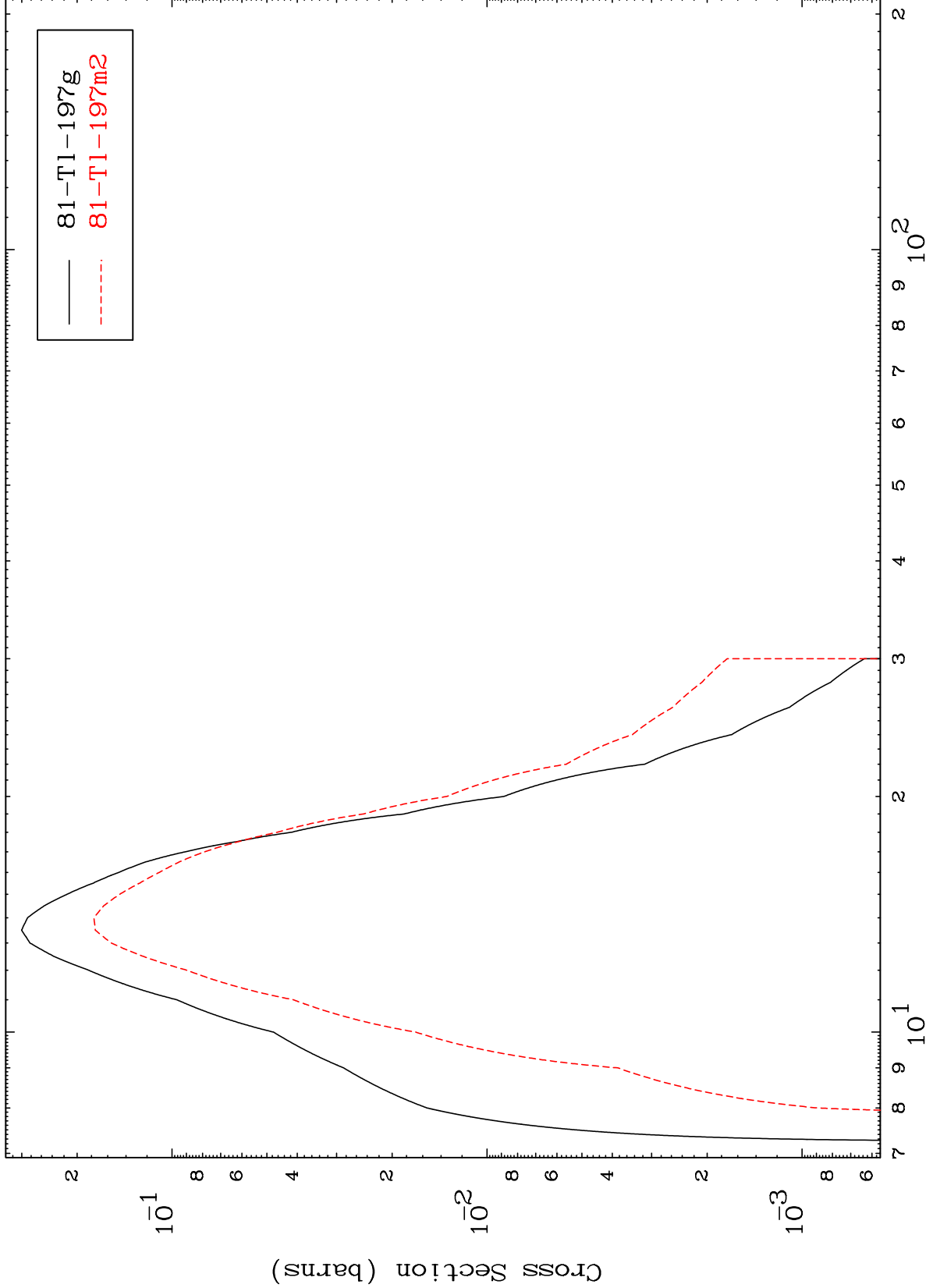
Incident Energy (MeV)

81-Tl-198

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Photon Inelastic  
Radionuclide Production Cross Section

81-Tl-198



10

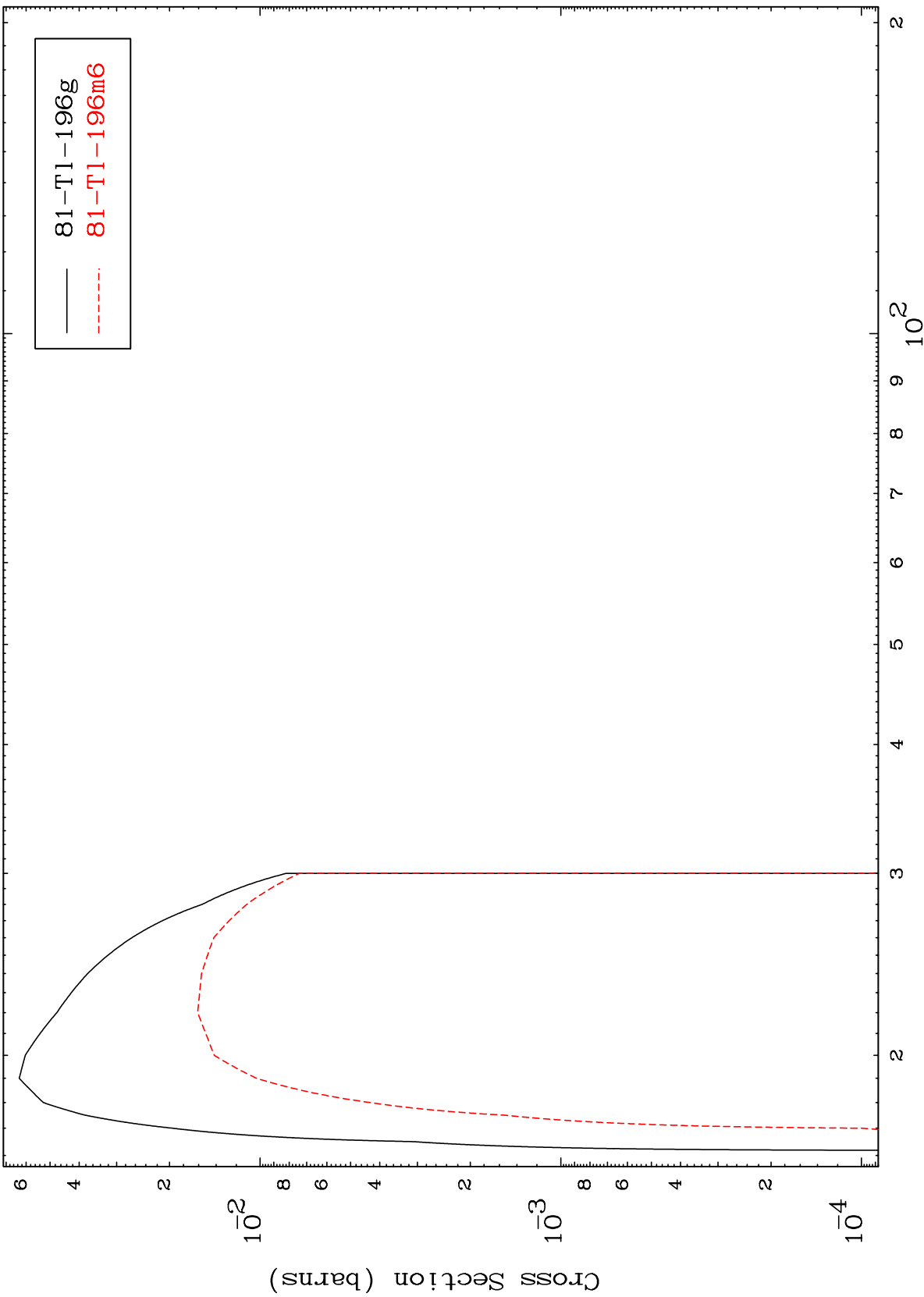
Incident Energy (MeV)

81-Tl-198

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81-Tl-198

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



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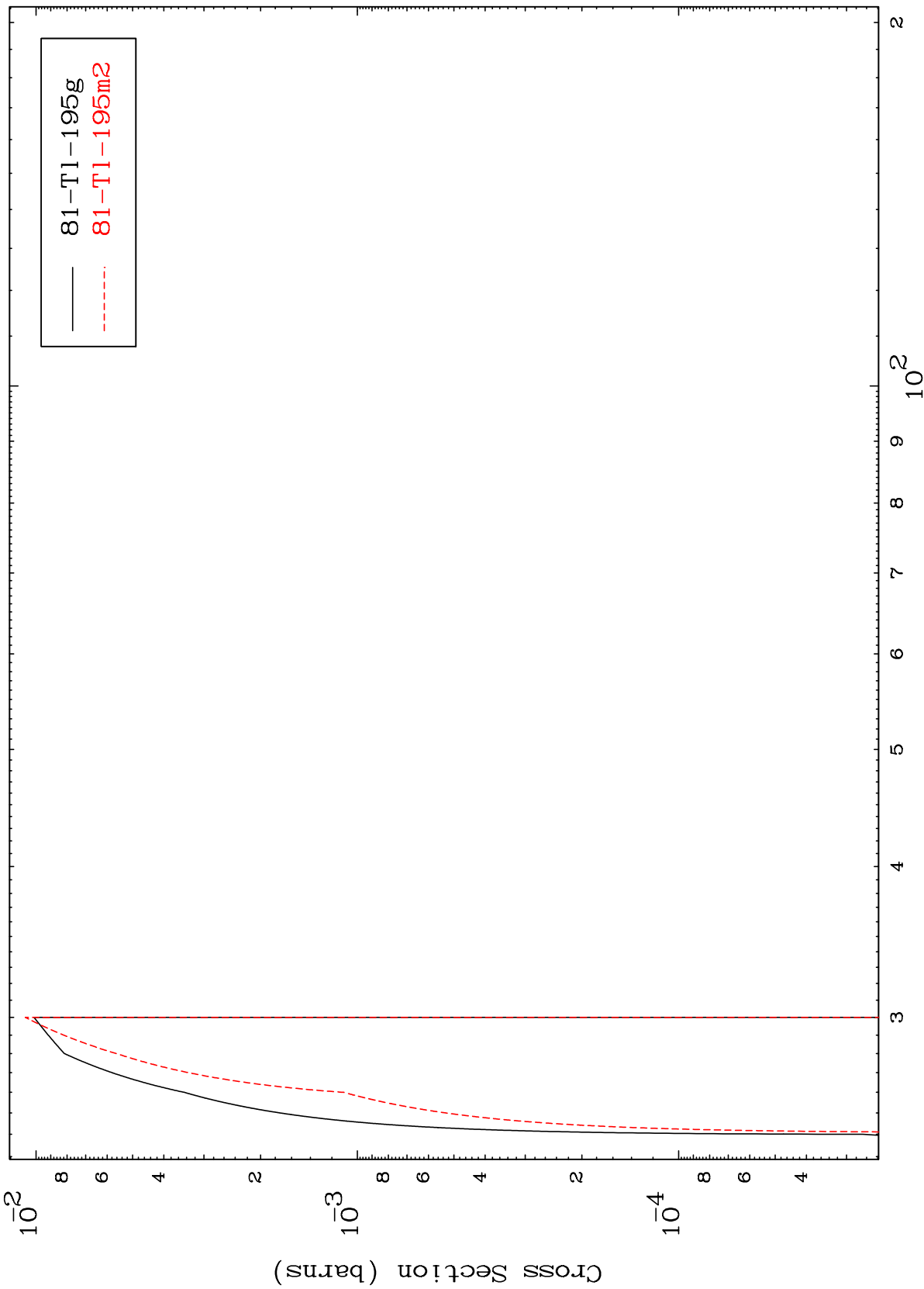
Incident Energy (MeV)

81-Tl-198

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81-Tl-198

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



81-Tl-195g  
81-Tl-195m2

81-Tl-198

Incident Energy (MeV)

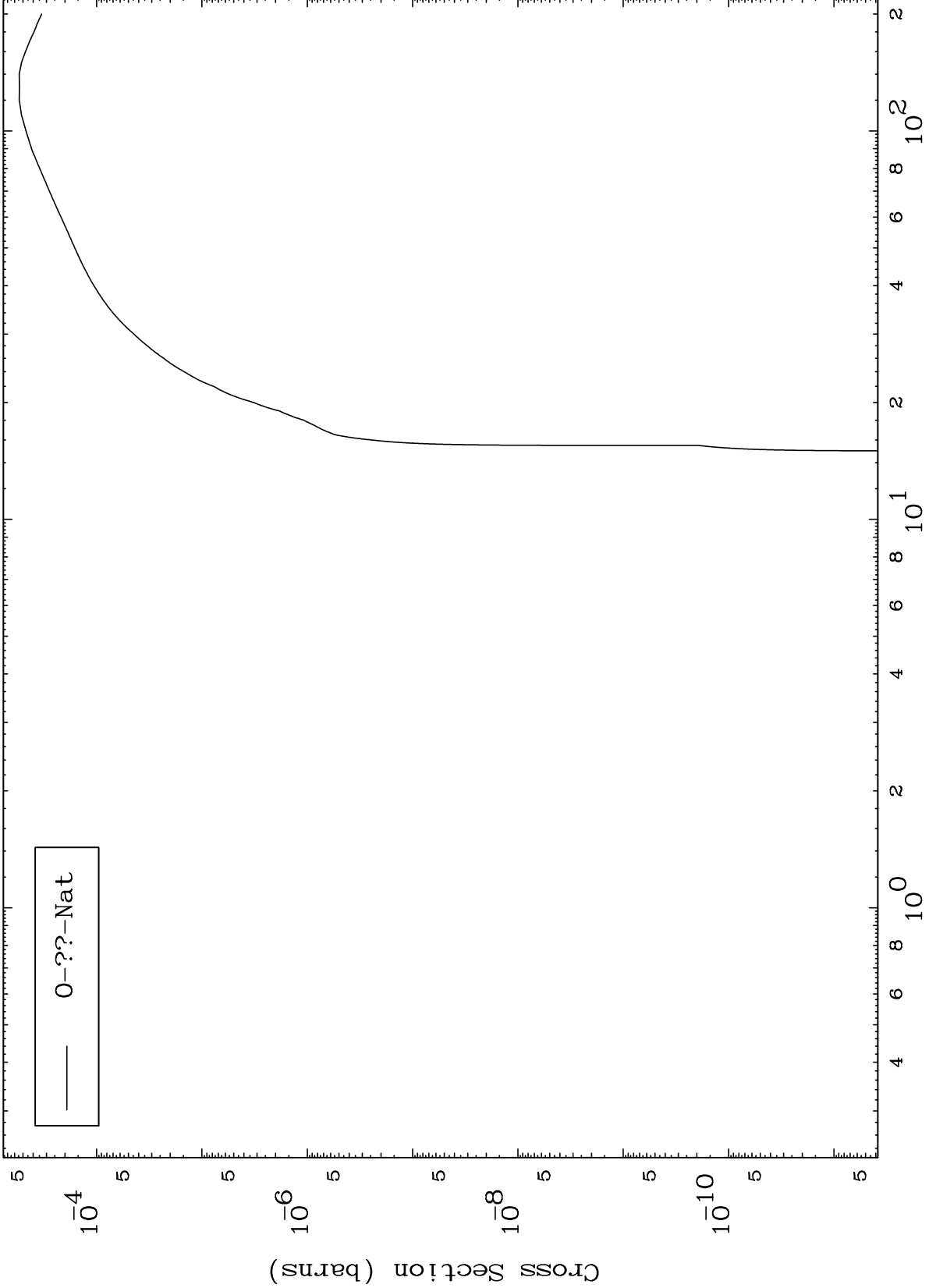
12

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Photon Fission

81-Tl-198

Radionuclide Production Cross Section

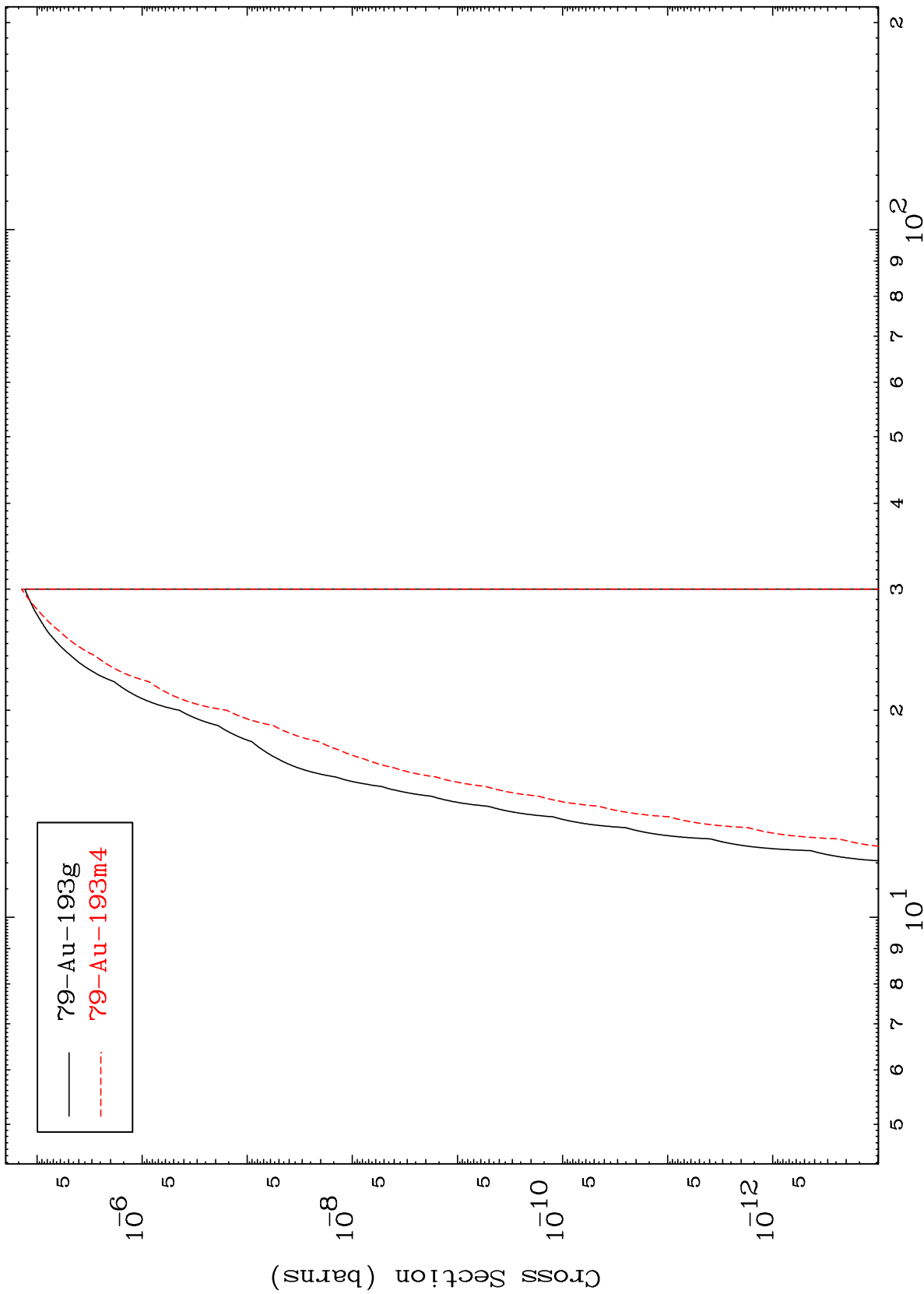


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81-Tl-198

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

Radionuclide Production Cross Section



14

Incident Energy (MeV)

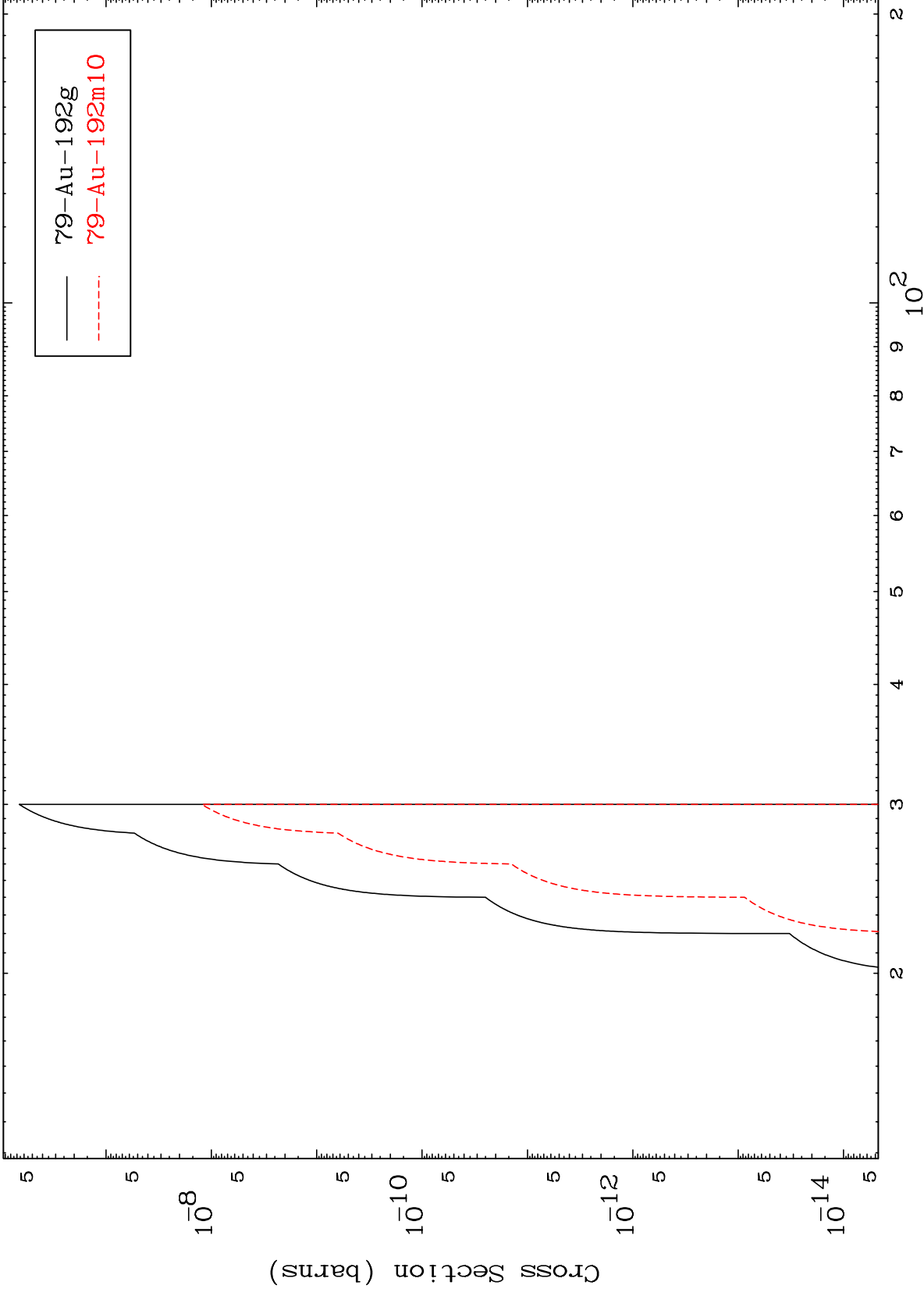
81-Tl-198

MAT 8110

( $\gamma, 2n$ )  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



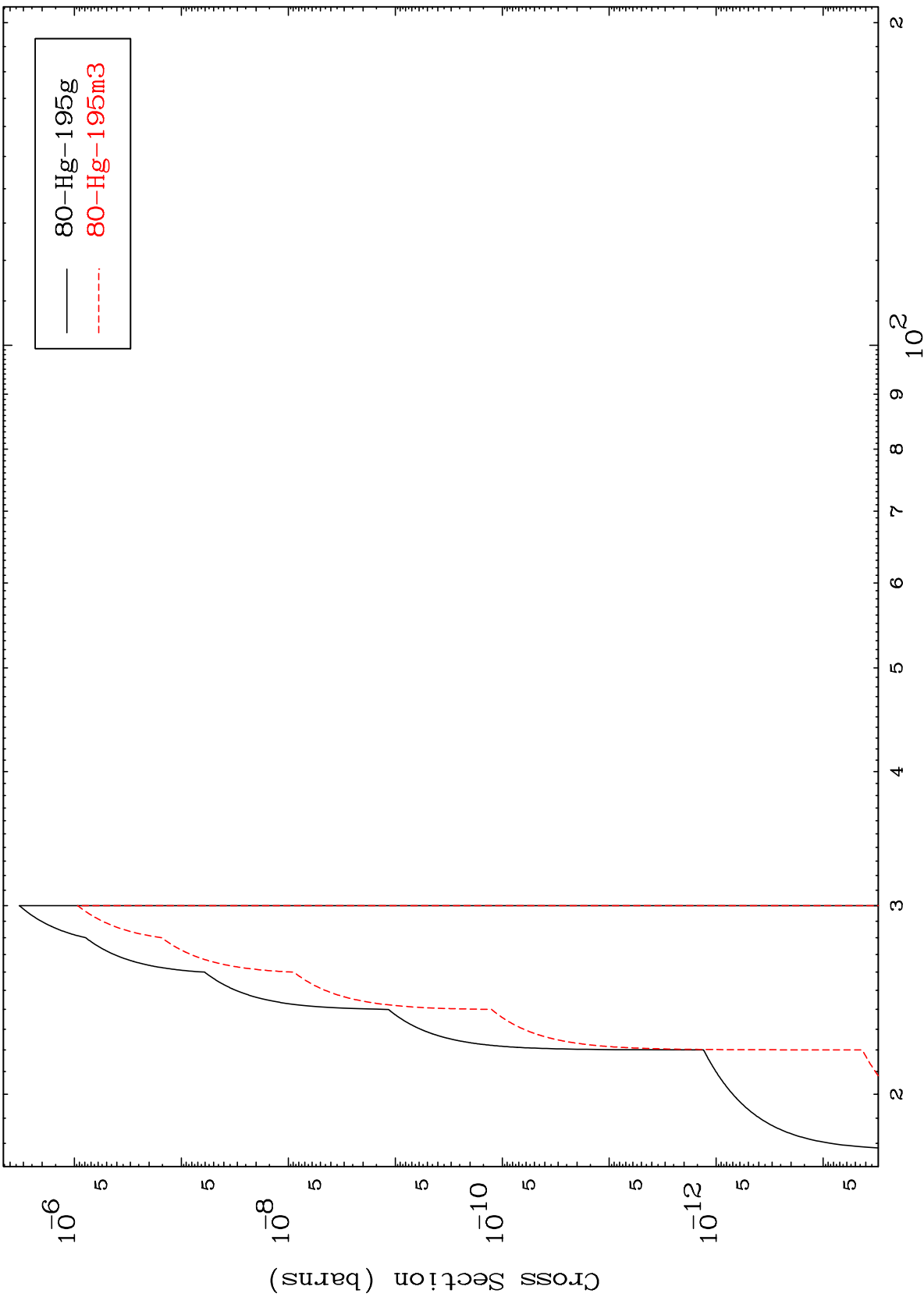
15

Incident Energy (MeV)

81-Tl-198



Radionuclide Production Cross Section

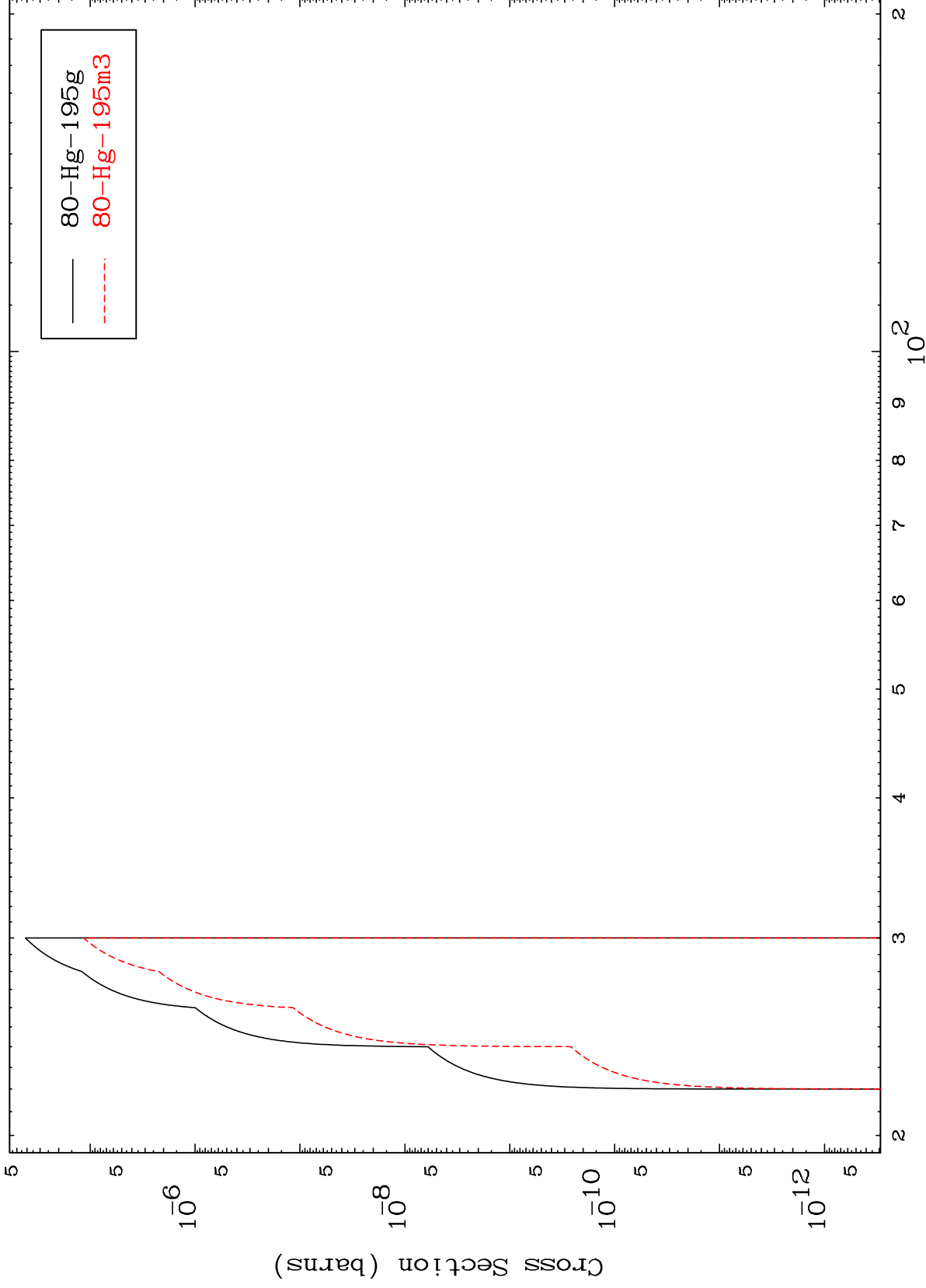


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$(\gamma, 2n)$  p

81-T1-198

Radionuclide Production Cross Section



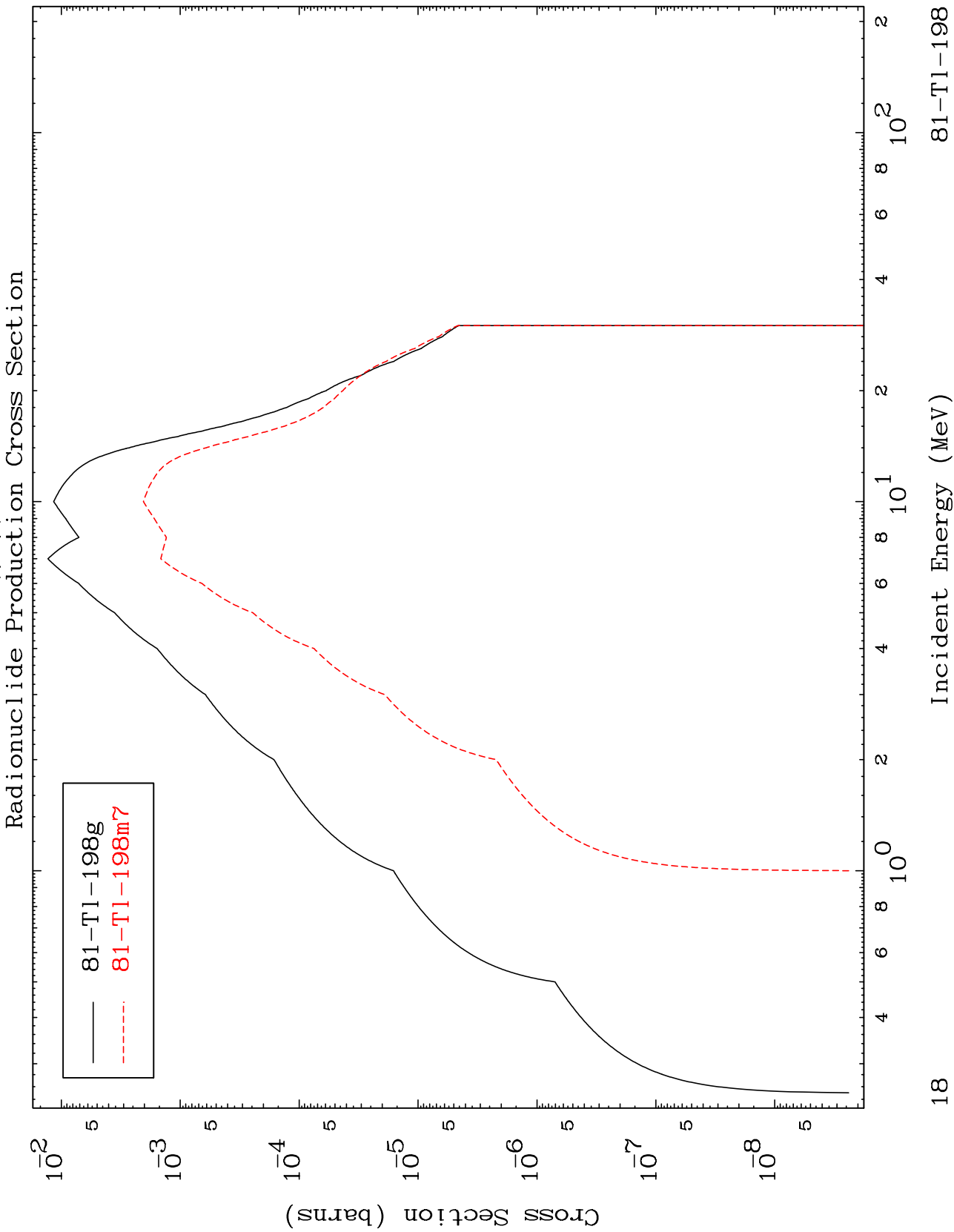
17

Incident Energy (MeV)

81-T1-198

MAT 8110

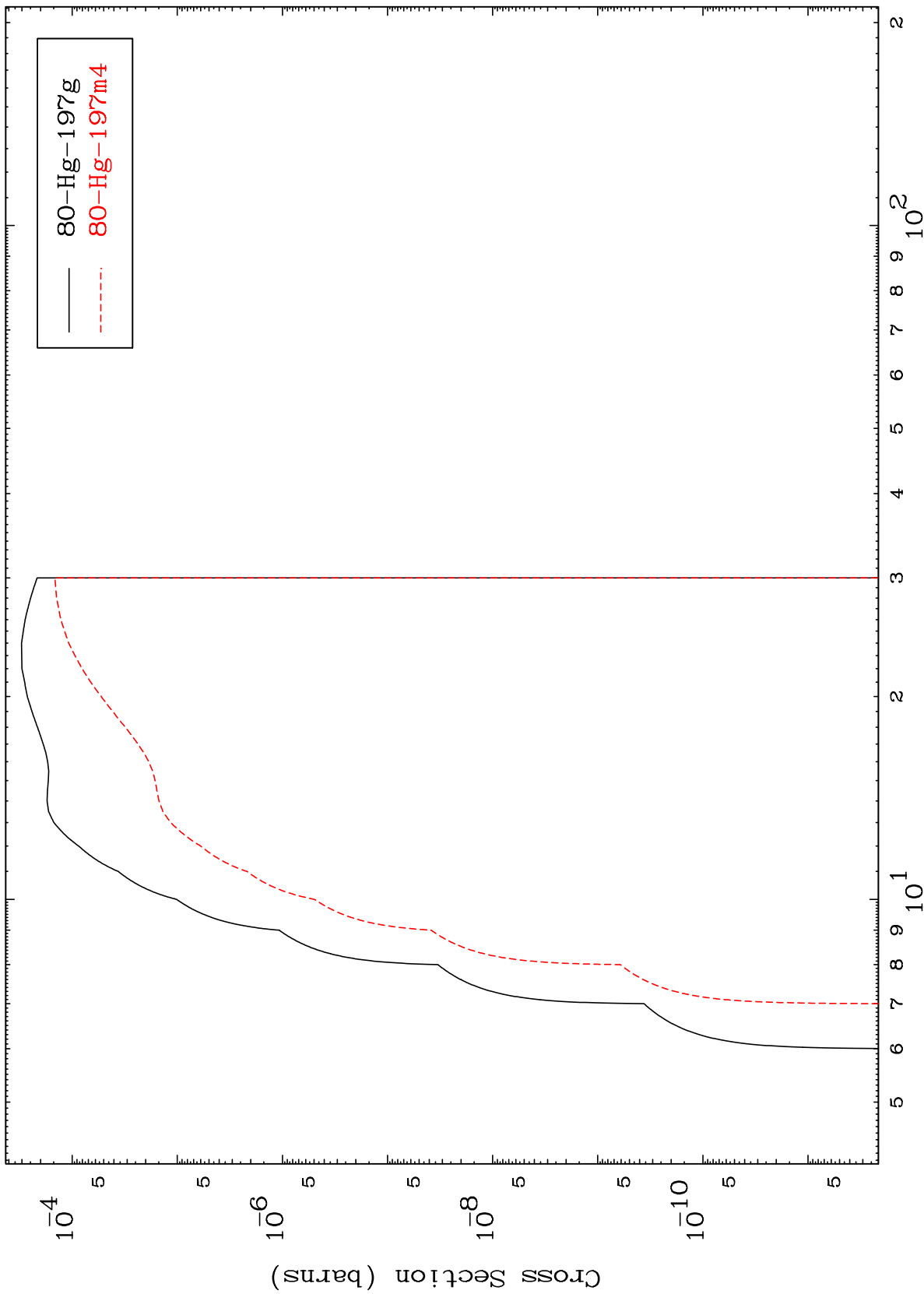
81-Tl-198



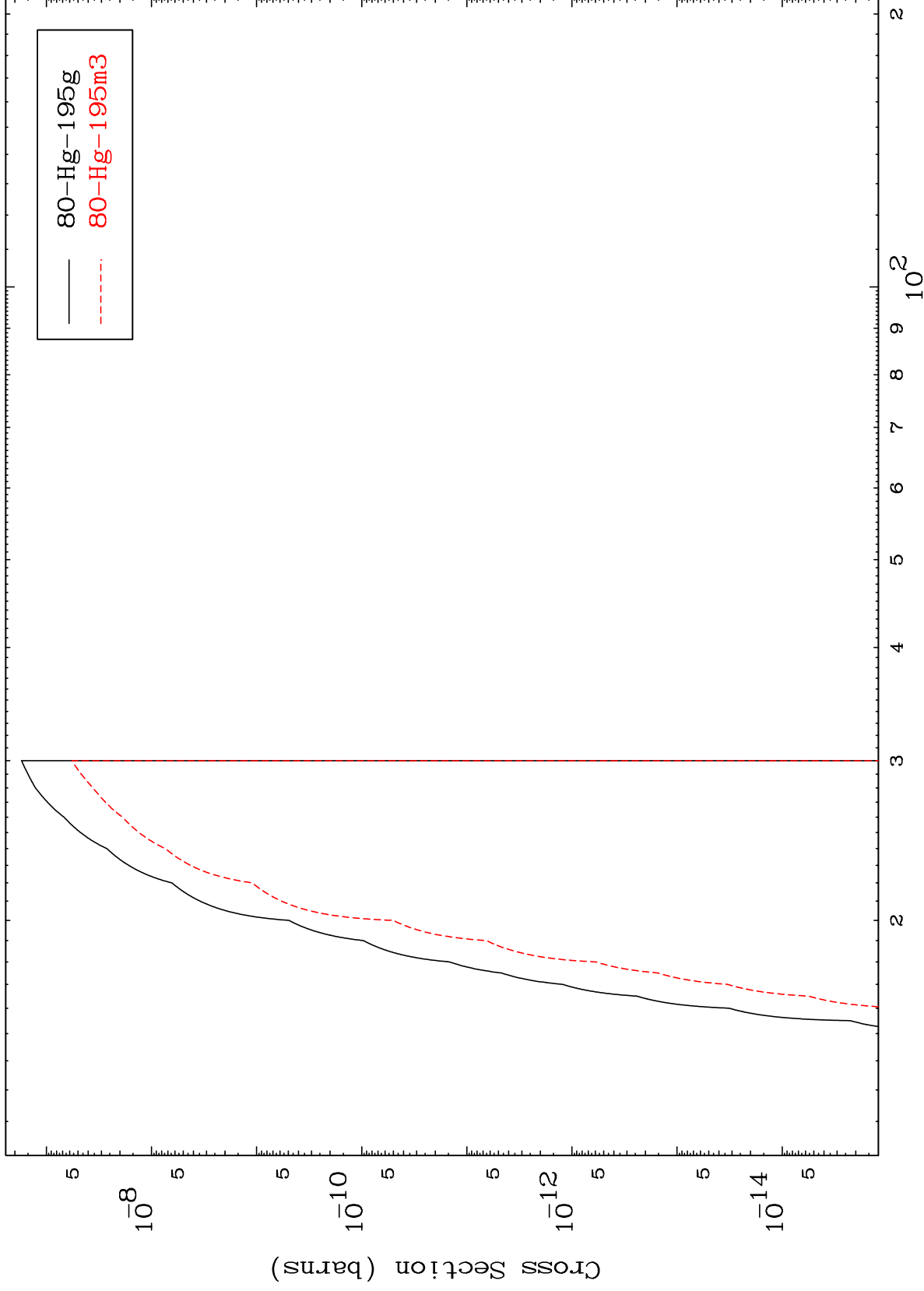
18

81-Tl-198

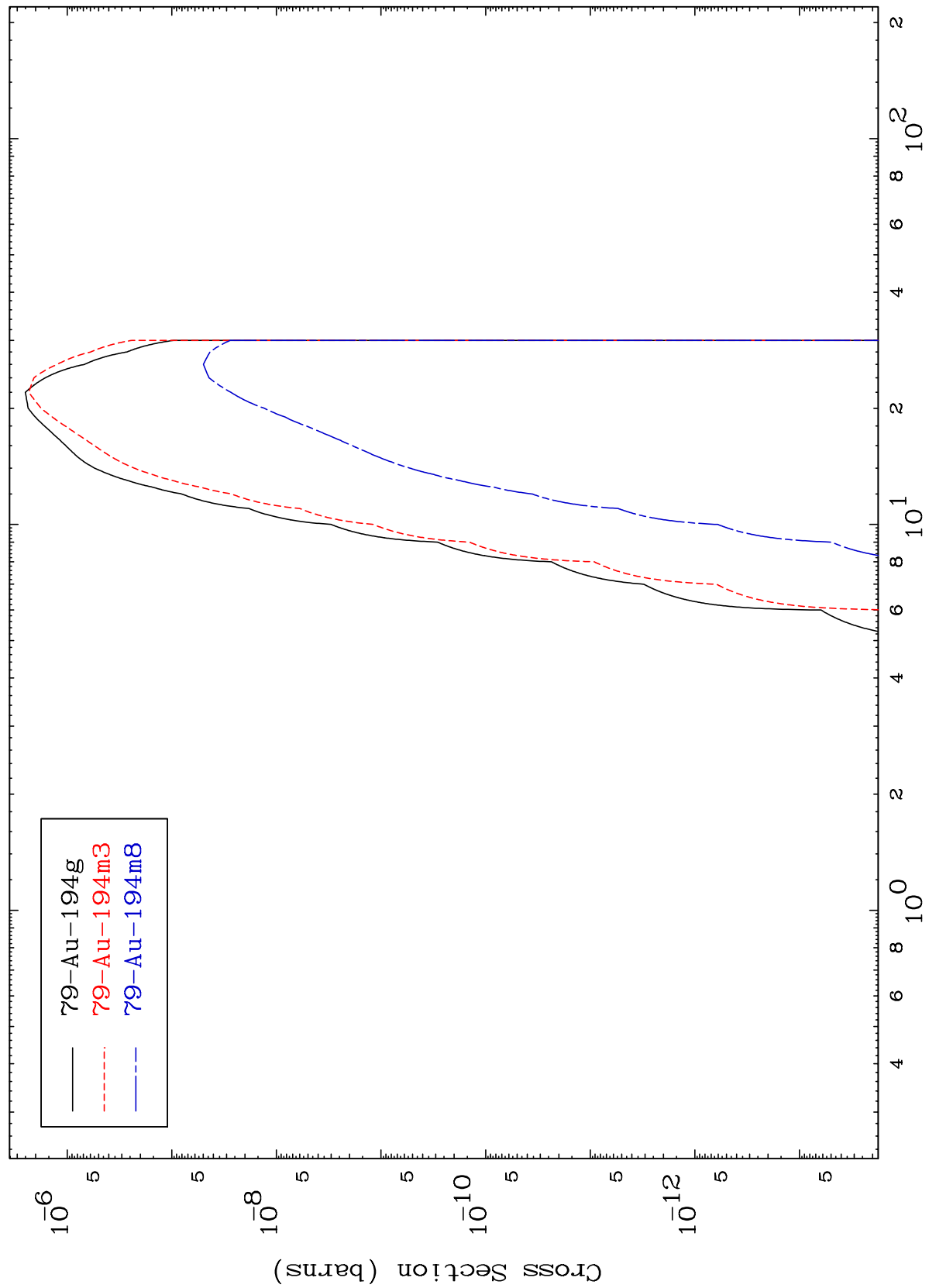
Radionuclide Production Cross Section ( $\gamma, p$ )



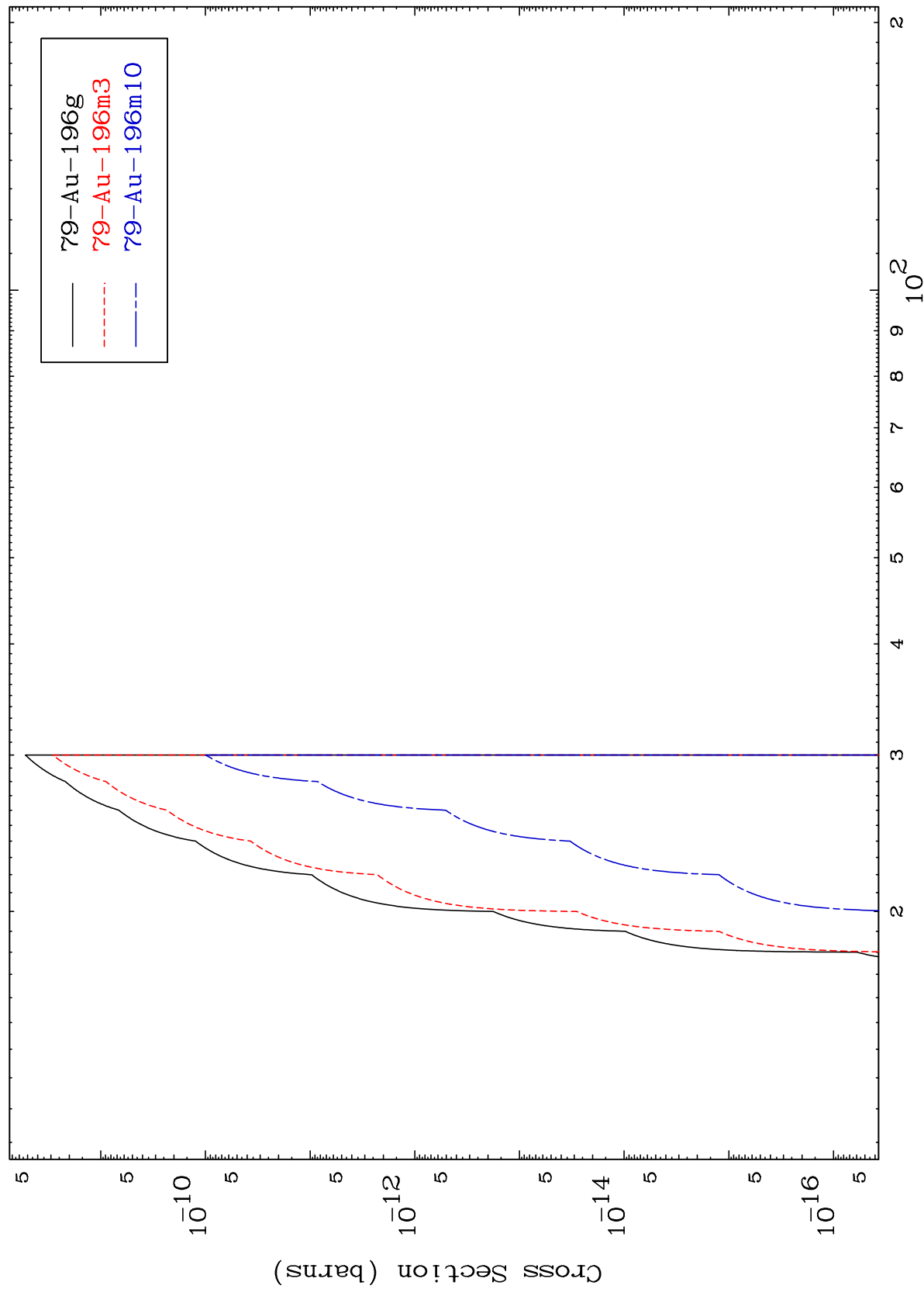
( $\gamma, t$ )  
Radionuclide Production Cross Section



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



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

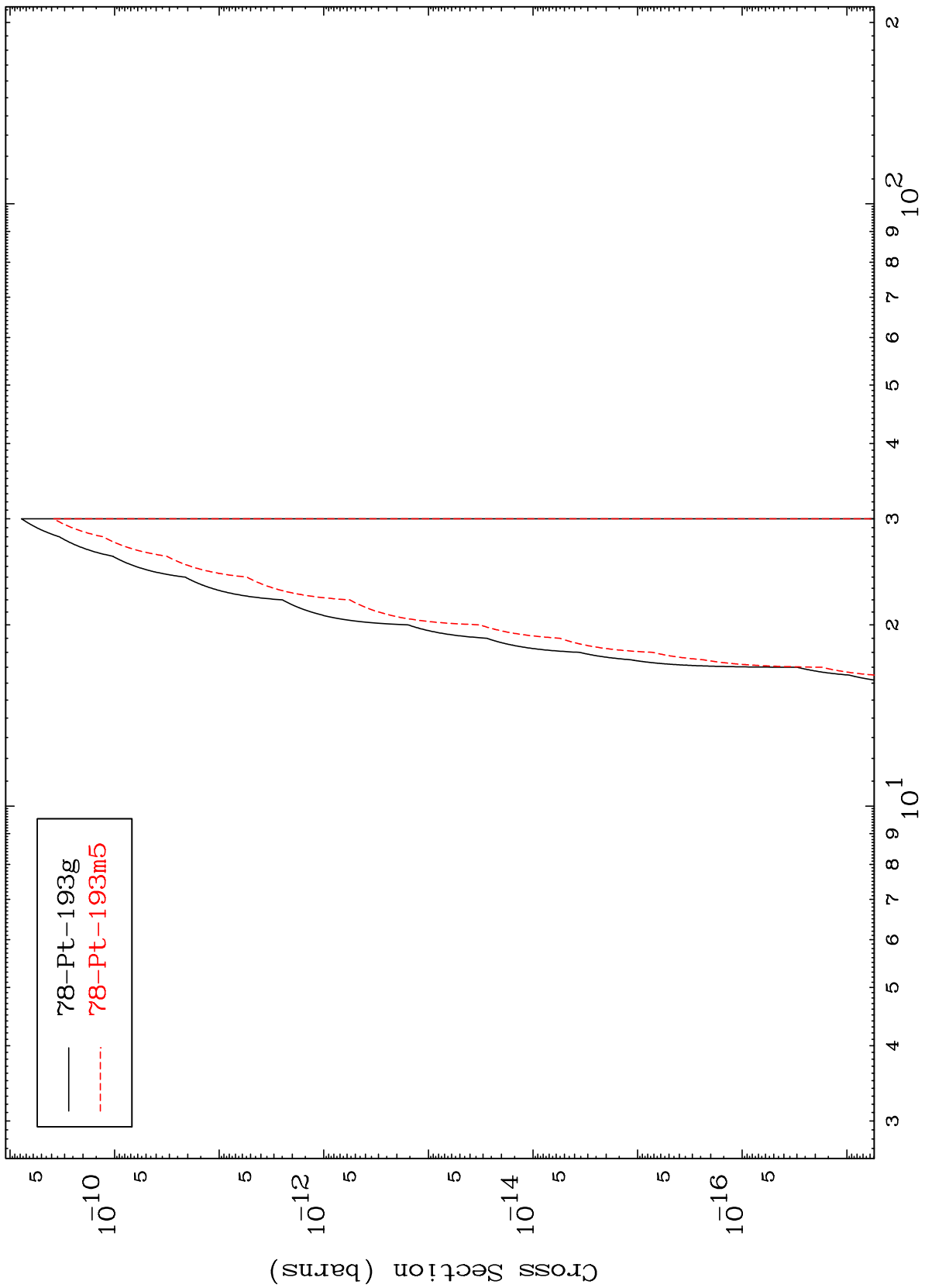


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( $\gamma, p$ )  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



— 78-Pt-193g  
- - - 78-Pt-193m5