

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

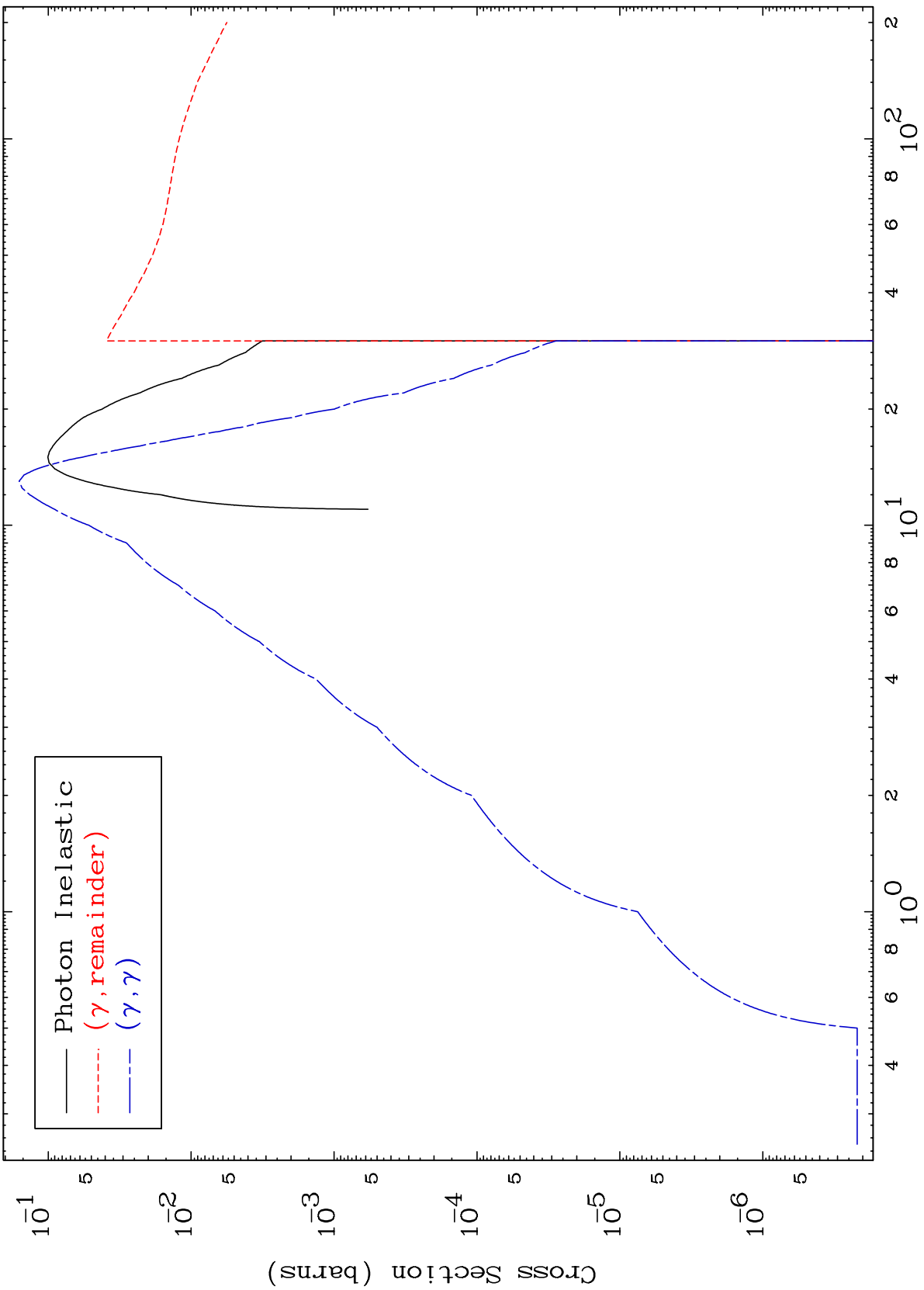
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Press Mouse Button to Start

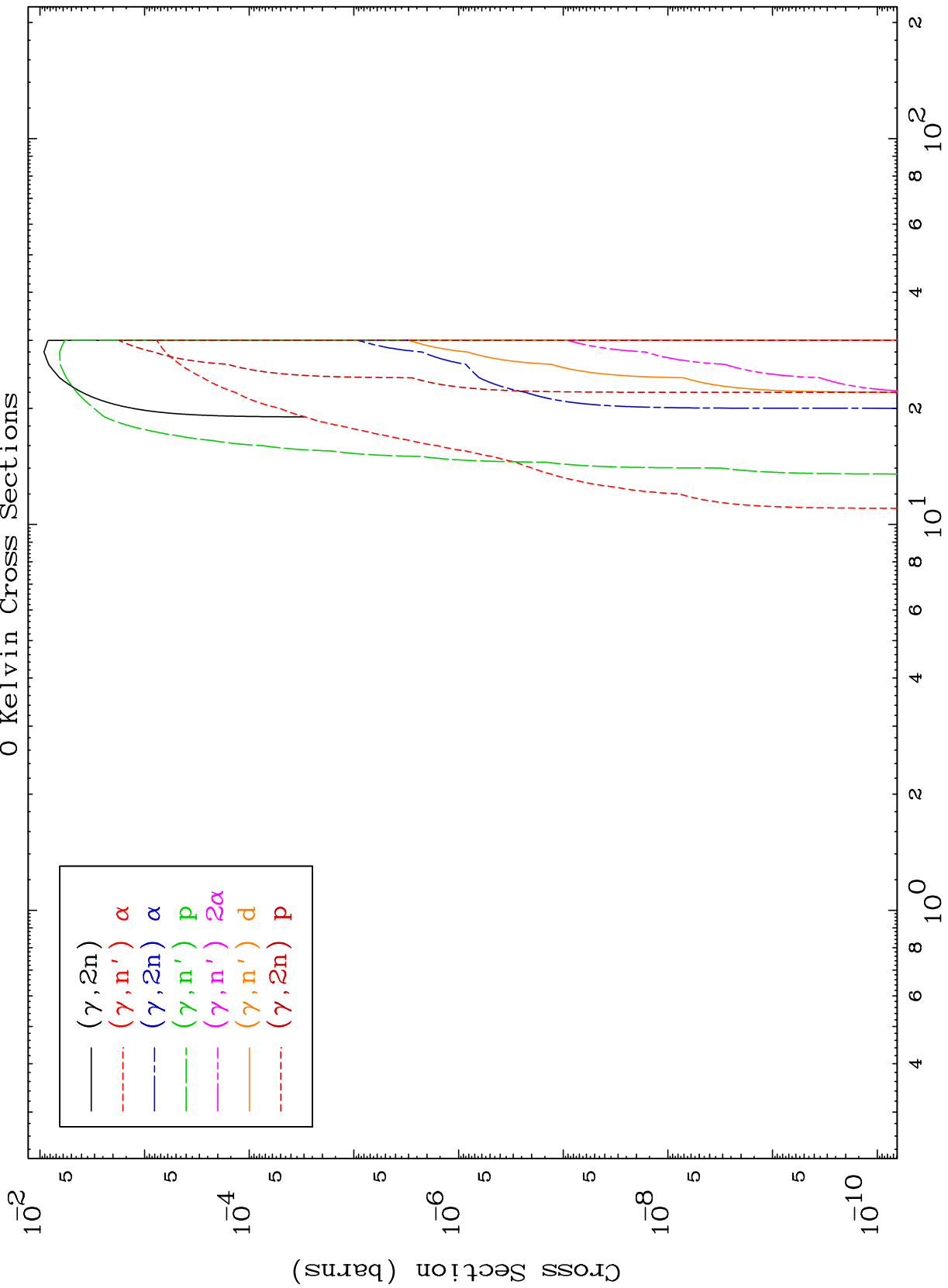


— Photon Inelastic  
- - - ( $\gamma$ , remainder)  
- - - ( $\gamma$ ,  $\gamma$ )

MAT 8077

Photon Neutron Production  
0 Kelvin Cross Sections

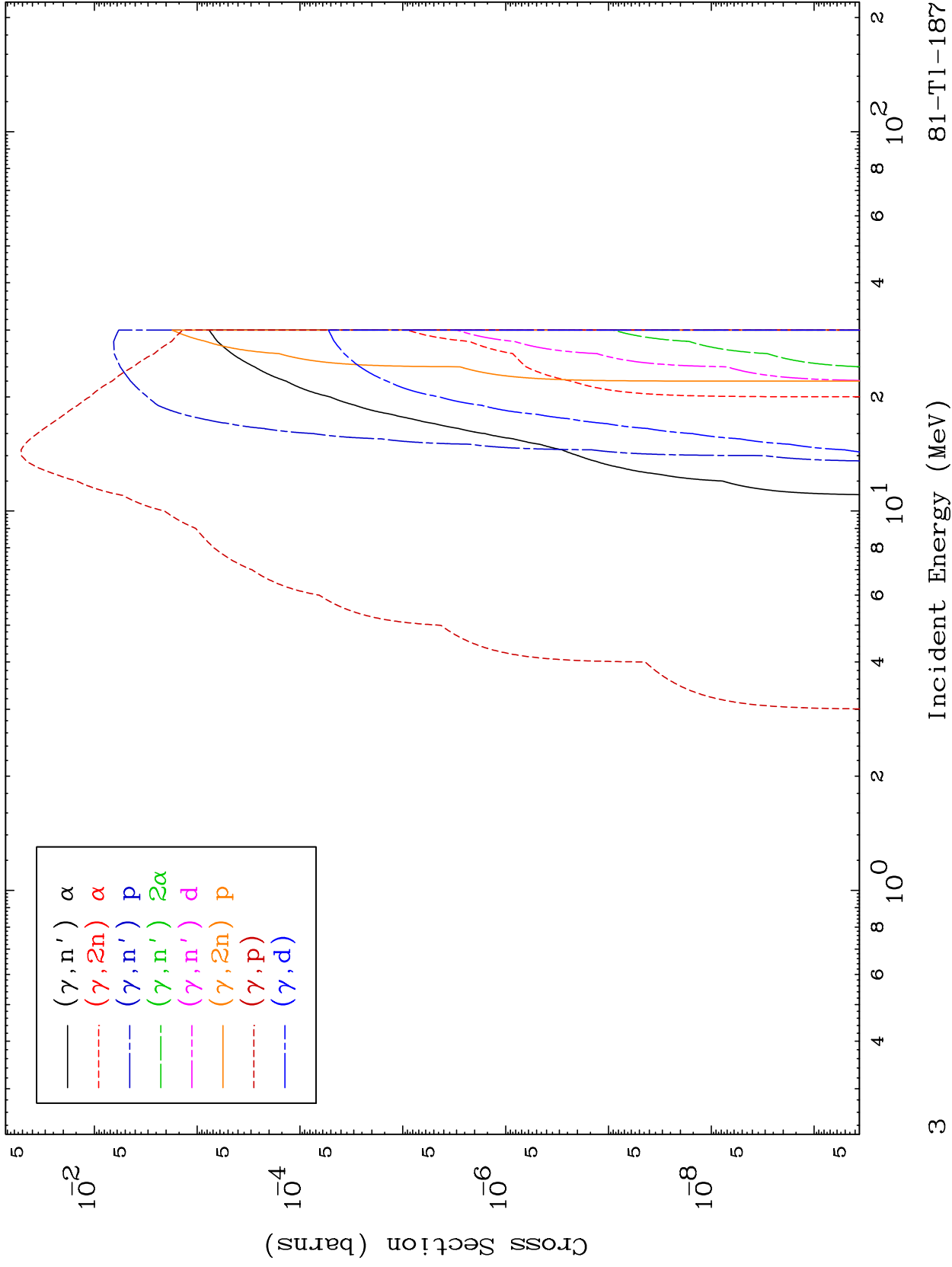
81-Tl-187

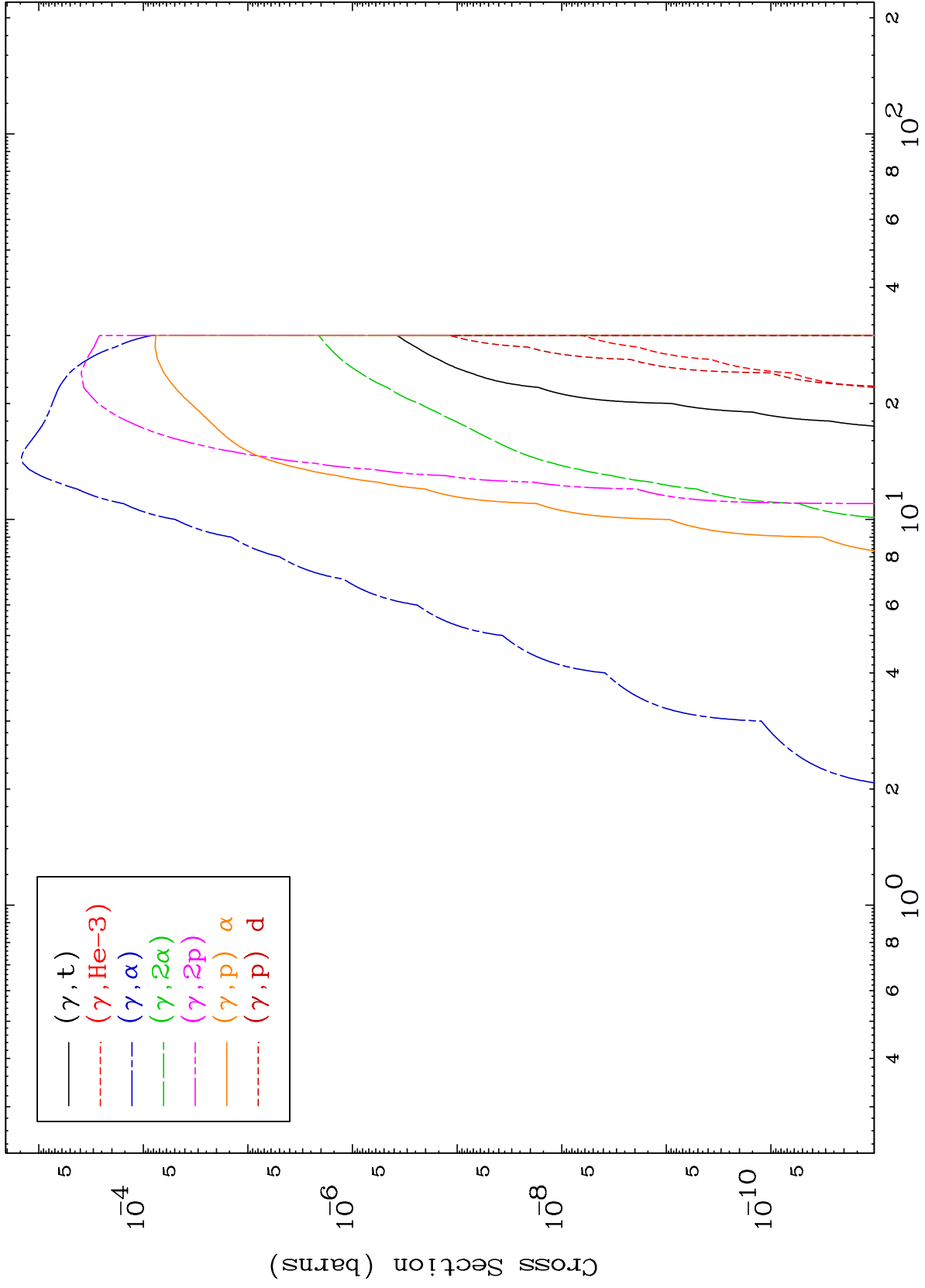


81-Tl-187

Incident Energy (MeV)

2



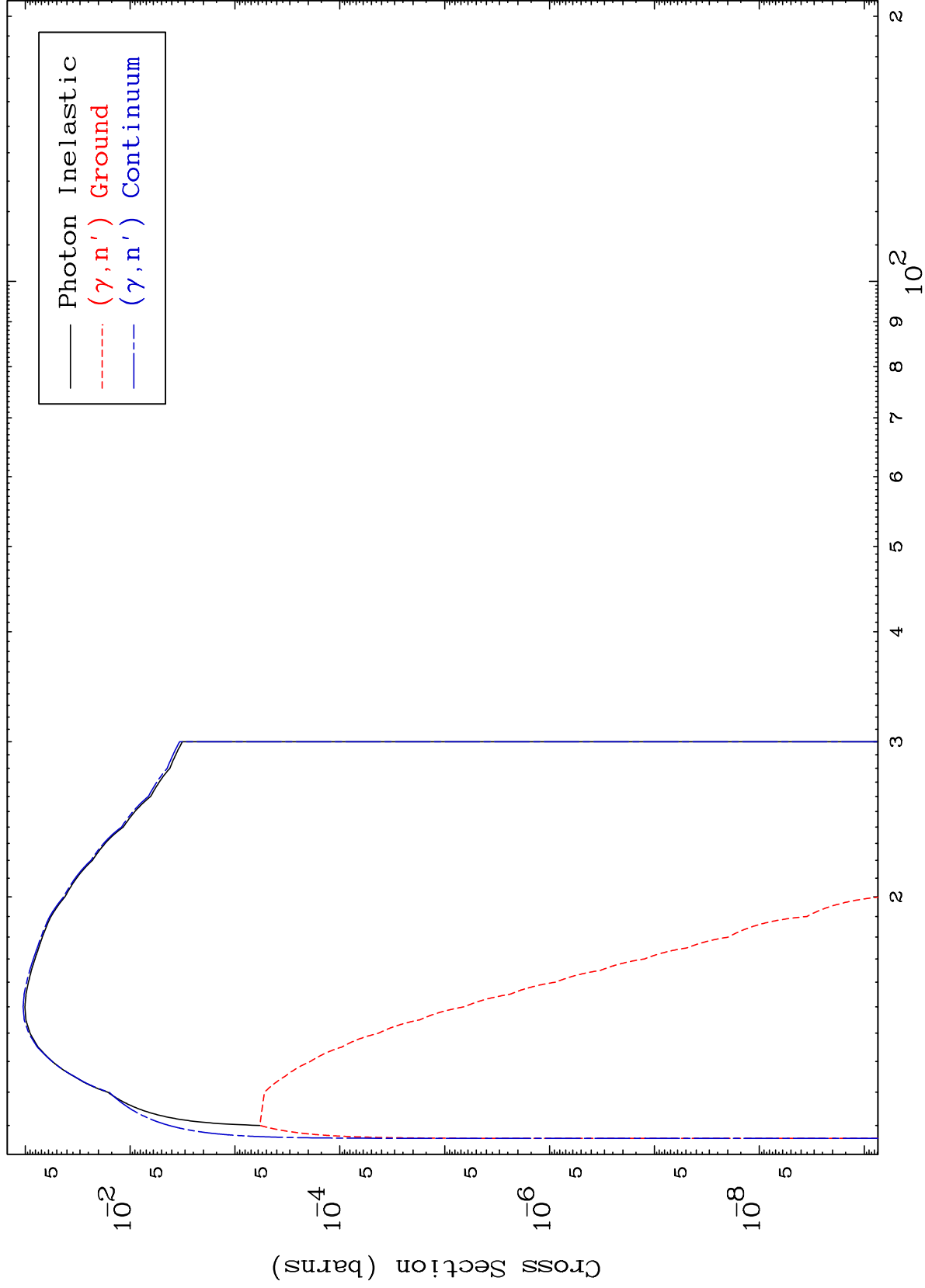


MAT 8077

$(\gamma, n')$  Level

81-Tl-187

0 Kelvin Cross Sections



Incident Energy (MeV)

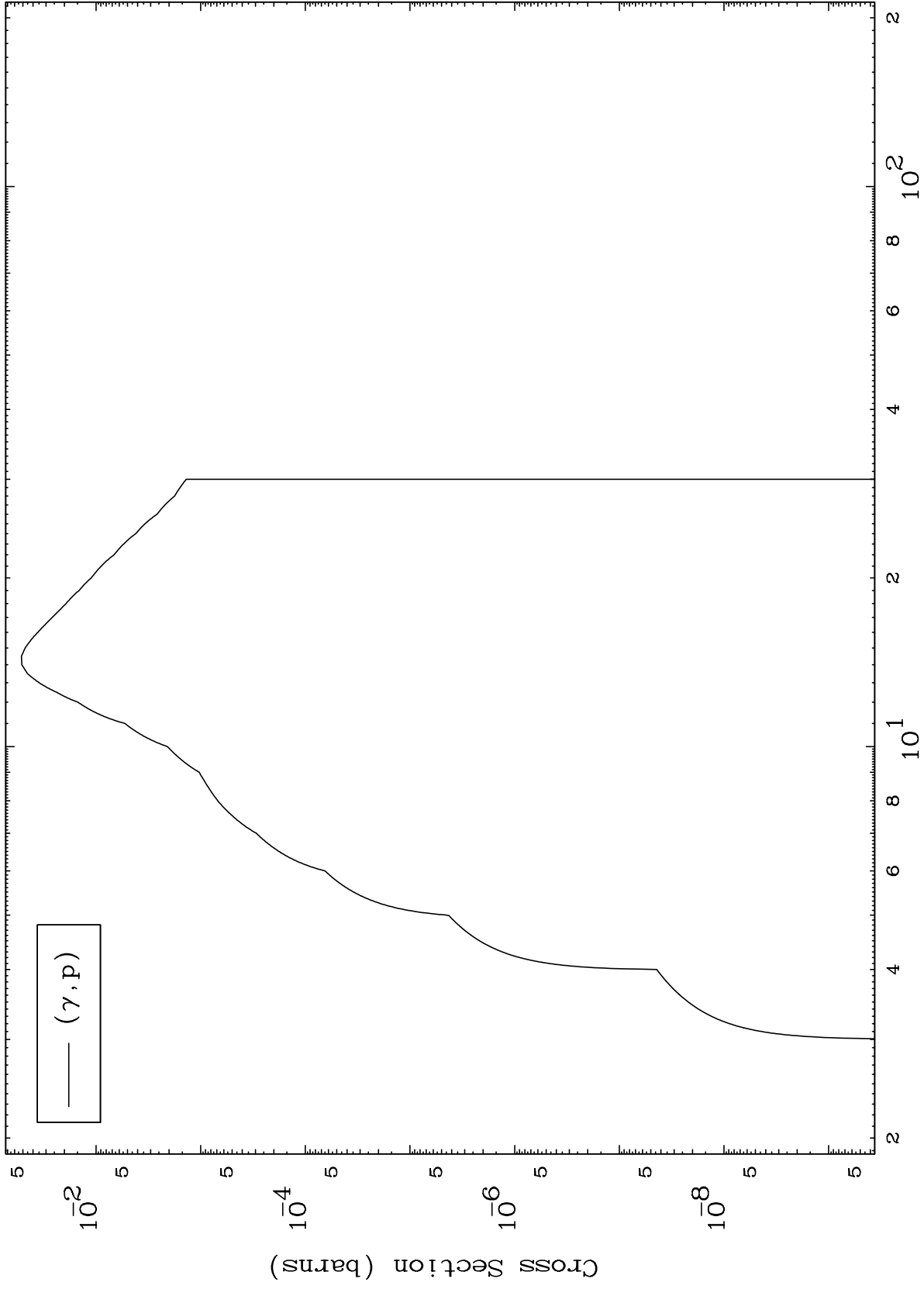
81-Tl-187

5

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

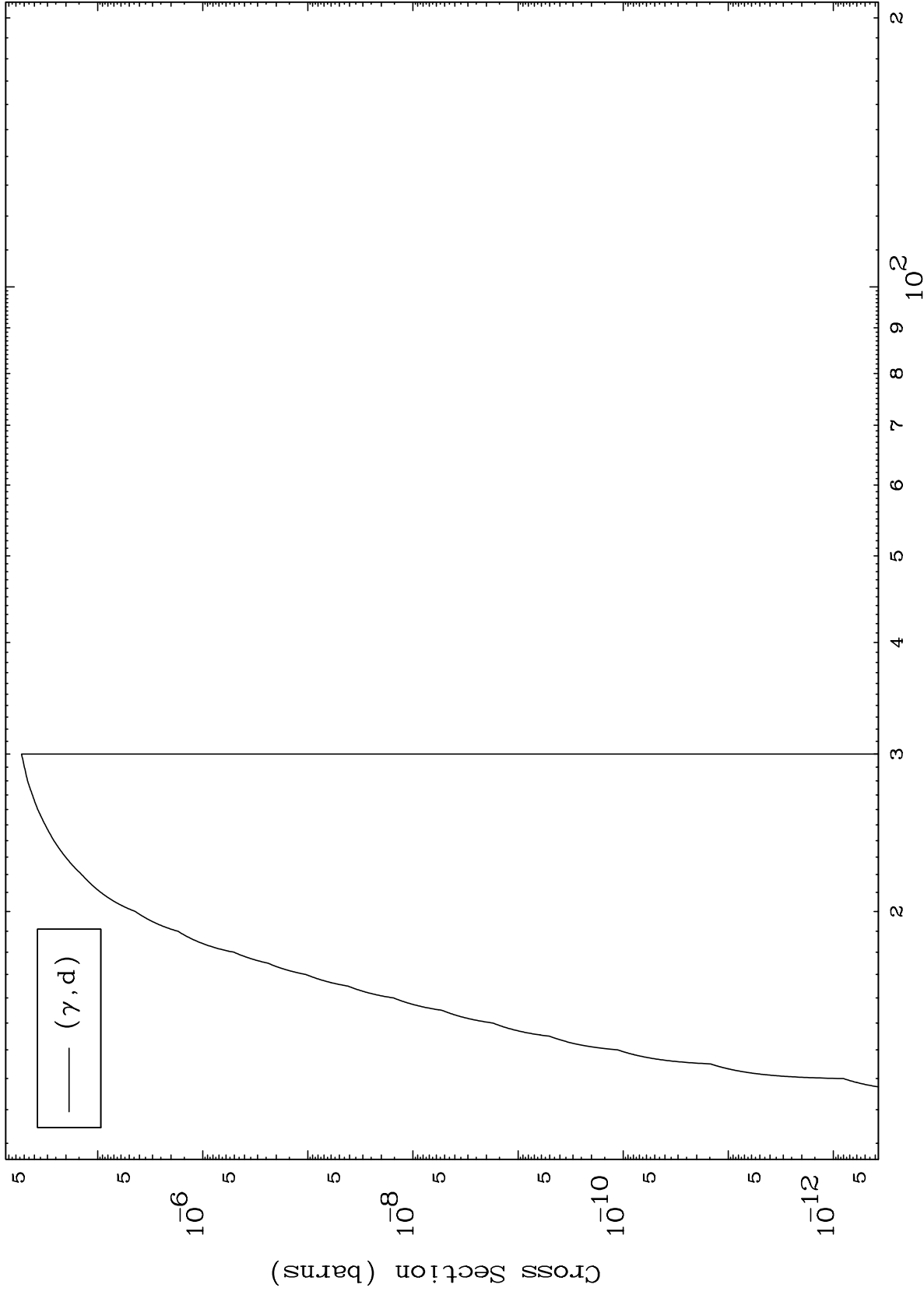
81-Tl-187



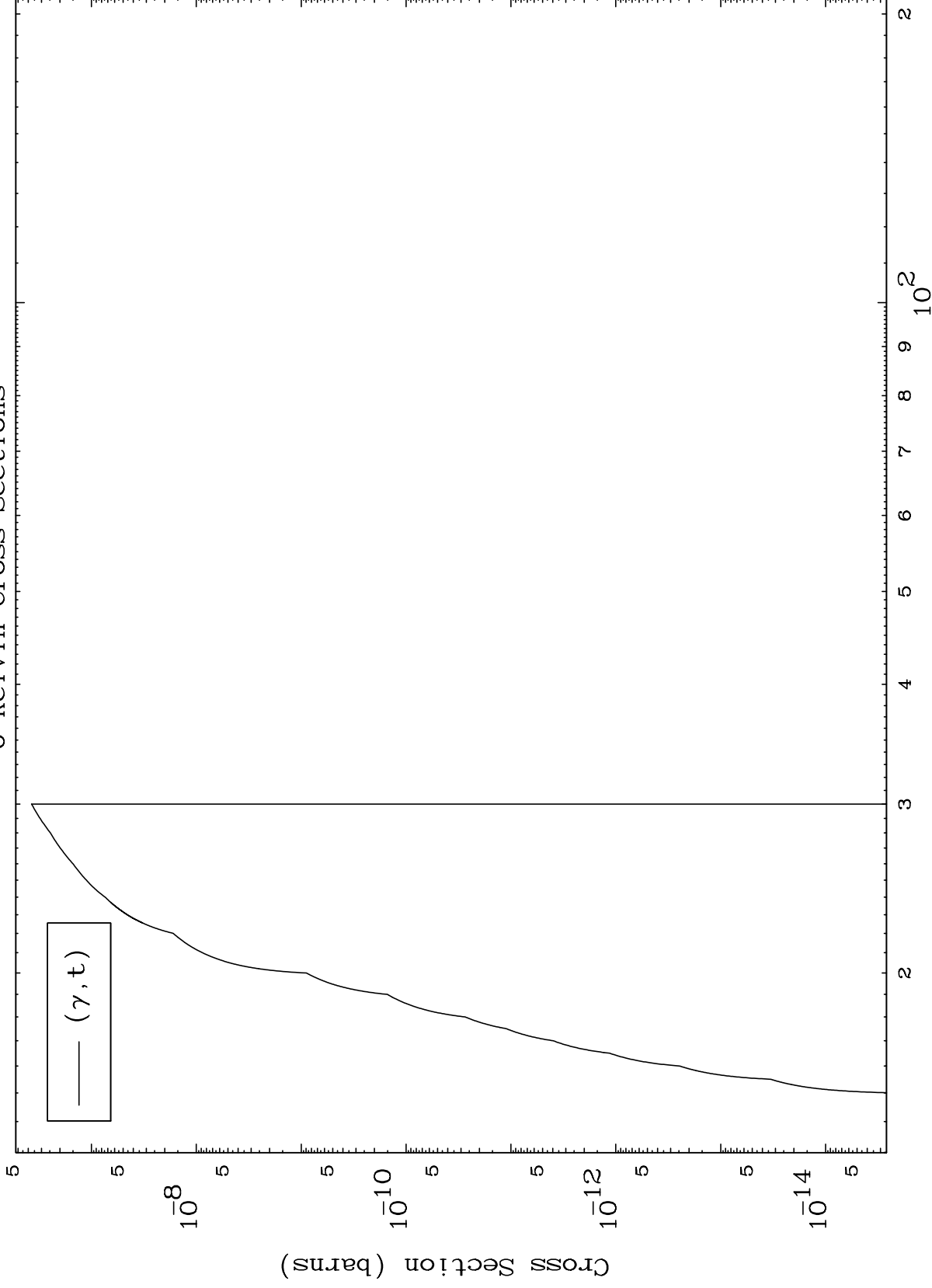
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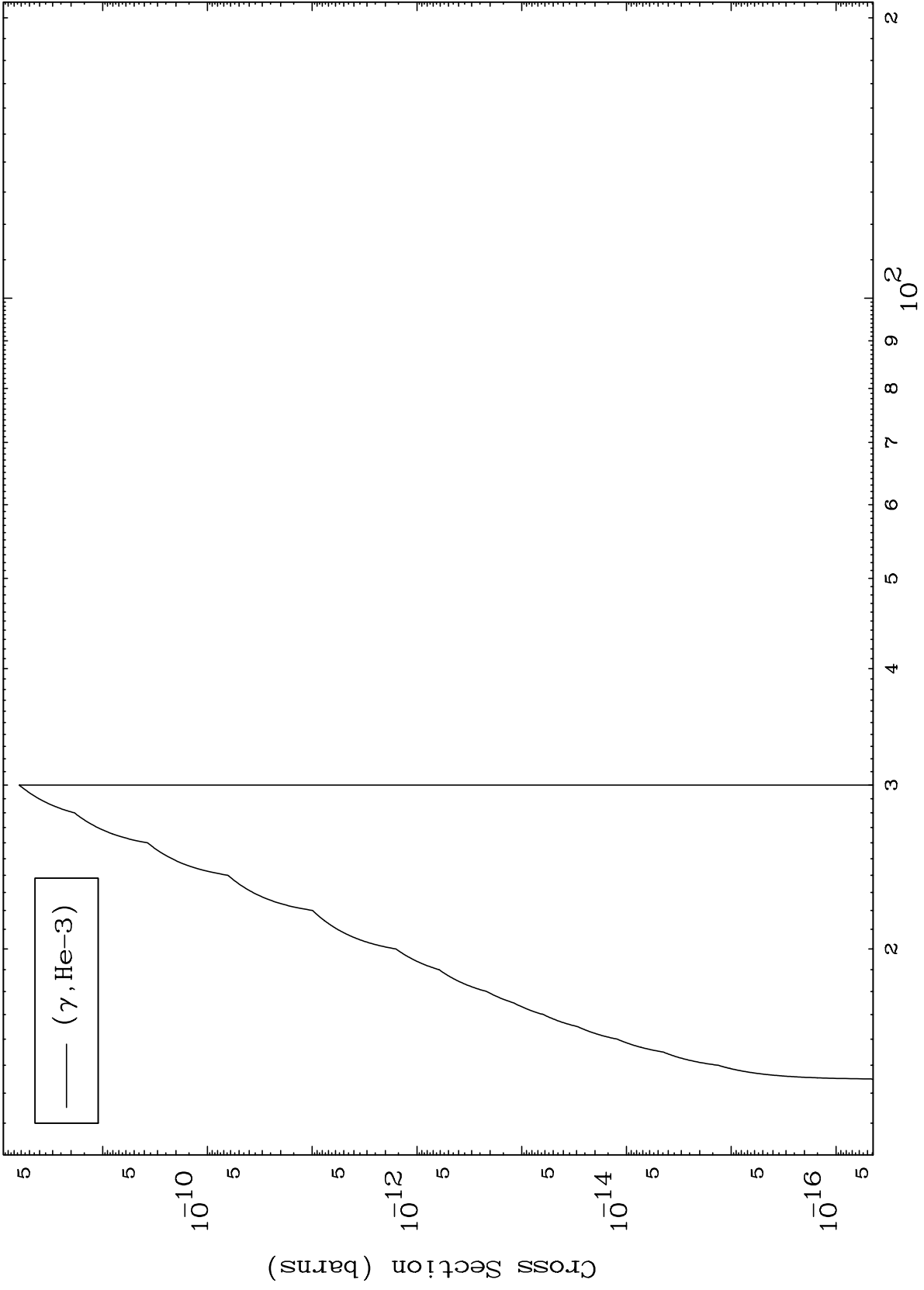
Incident Energy (MeV)

81-Tl-187







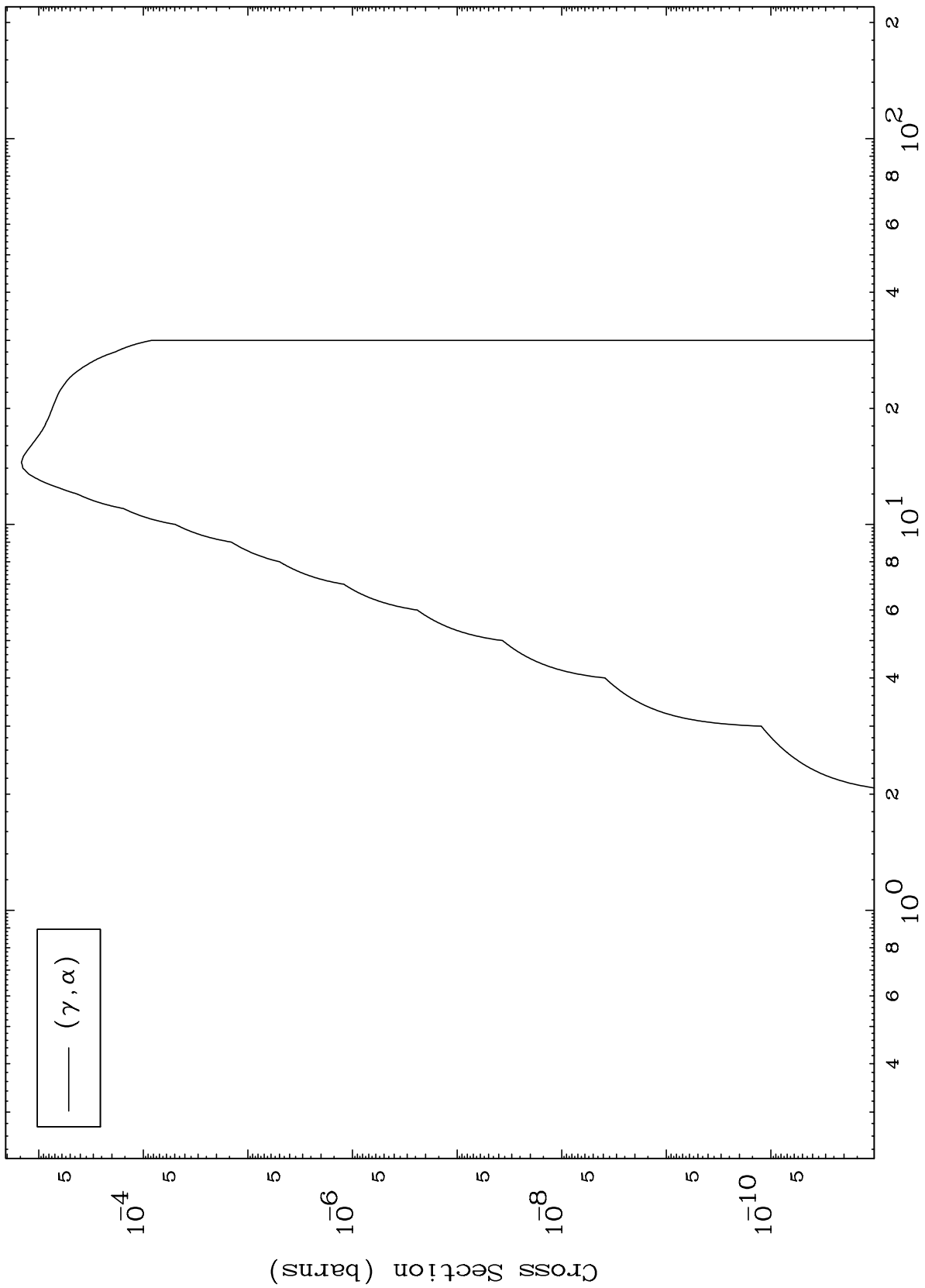


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( $\gamma, \alpha$ ) Levels

81-Tl-187

0 Kelvin Cross Sections



10

Incident Energy (MeV)

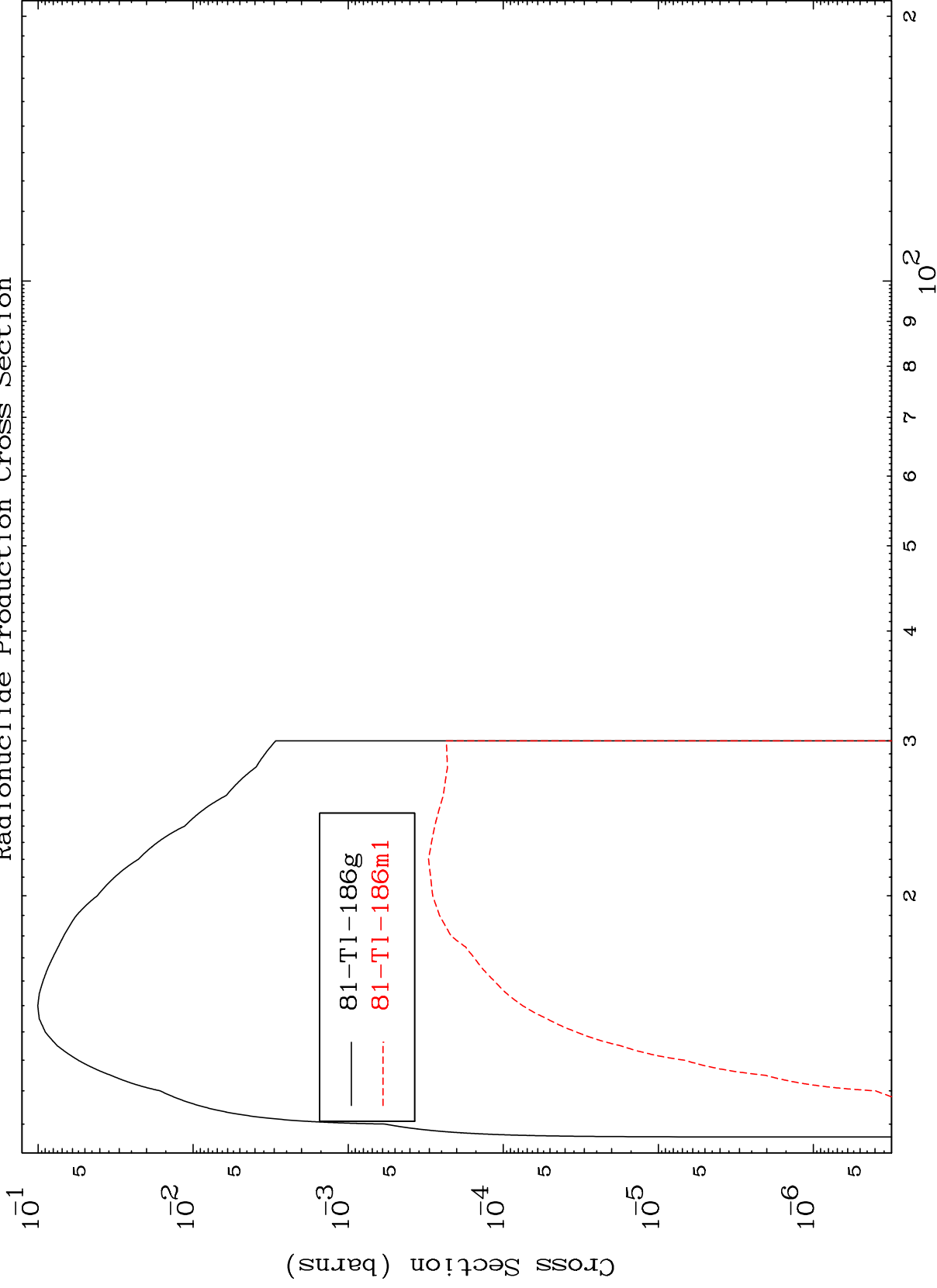
81-Tl-187

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Photon Inelastic

81-Tl-187

Radionuclide Production Cross Section

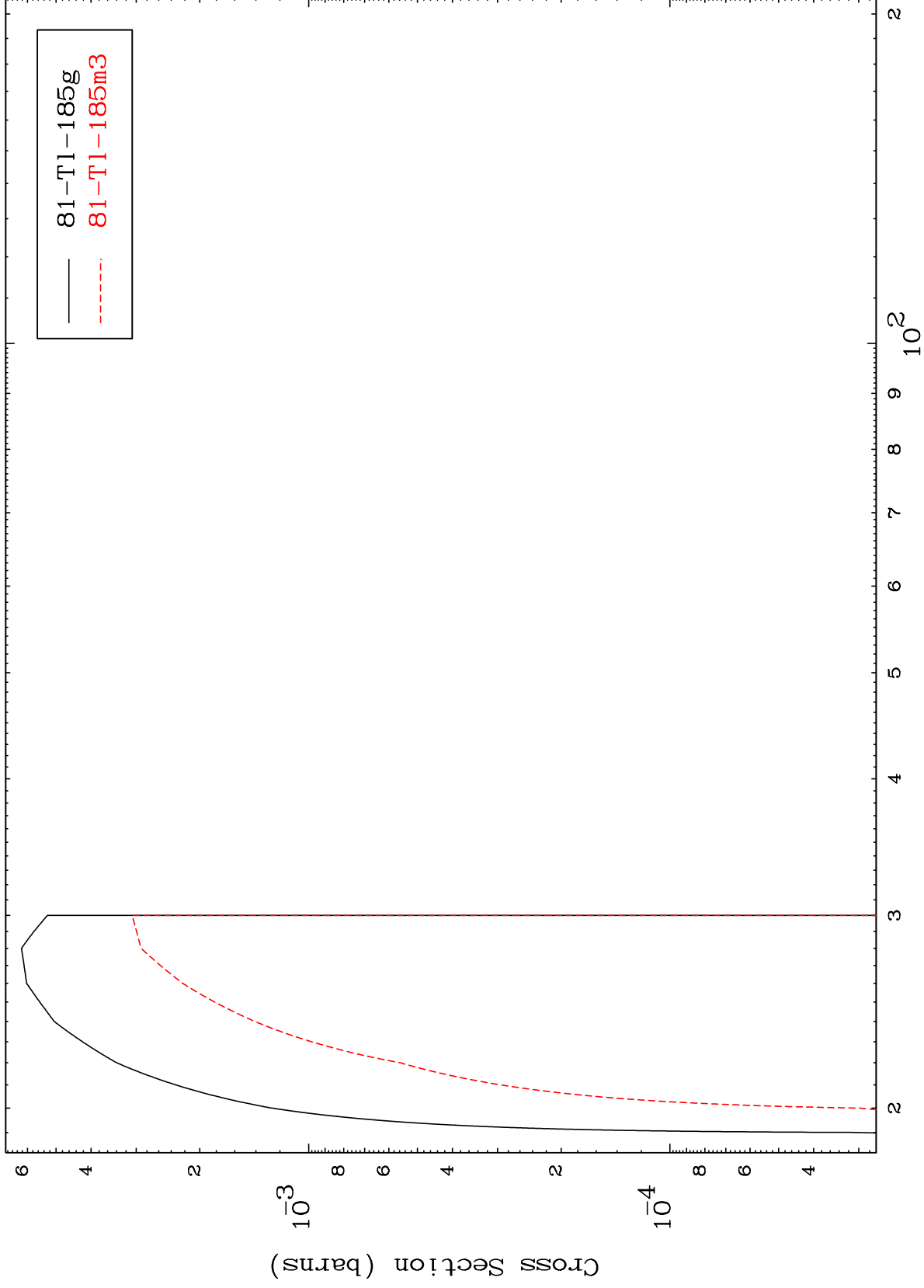


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( $\gamma, 2n$ )

81-Tl-187

Radionuclide Production Cross Section



12

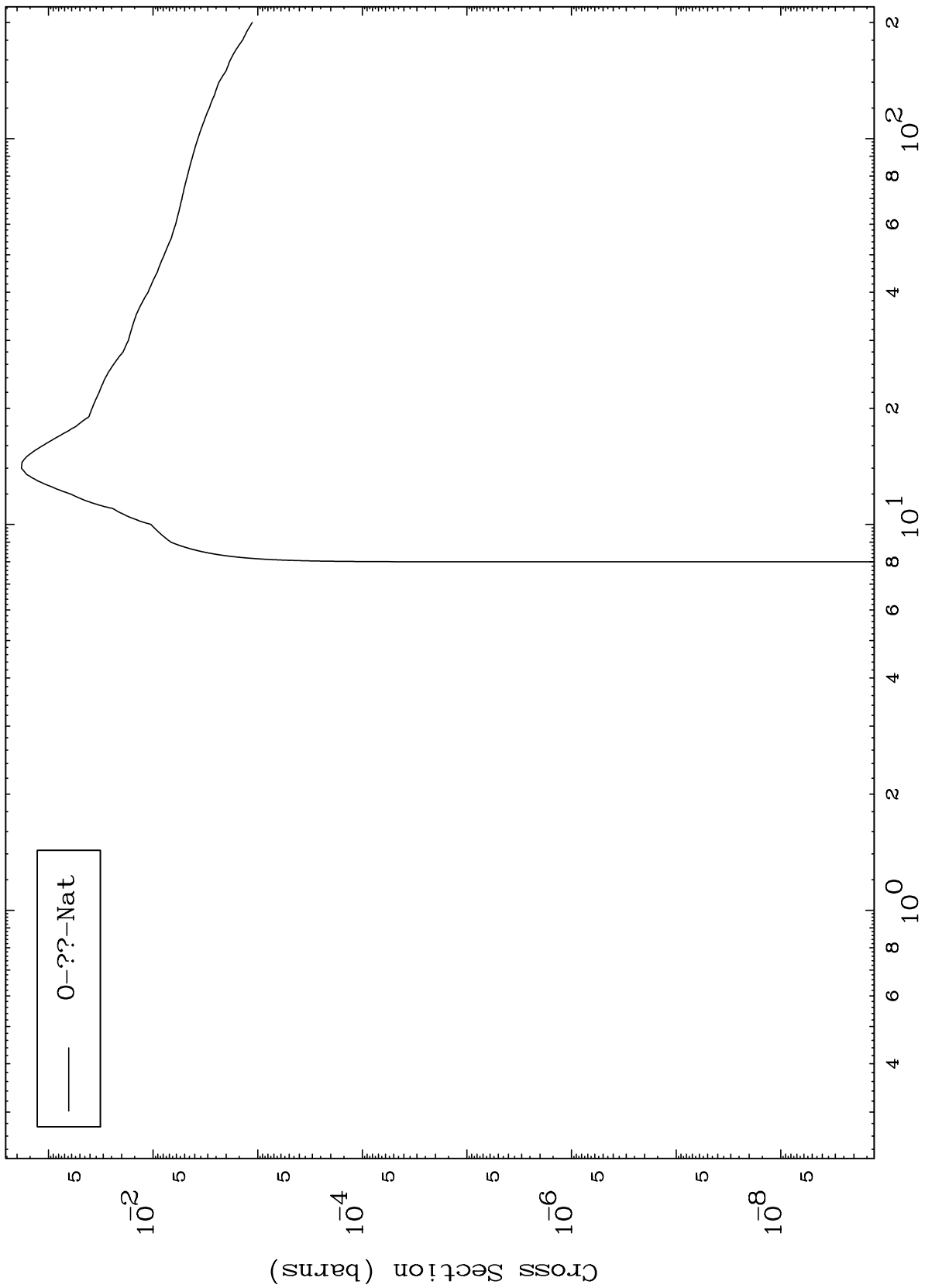
Incident Energy (MeV)

81-Tl-187

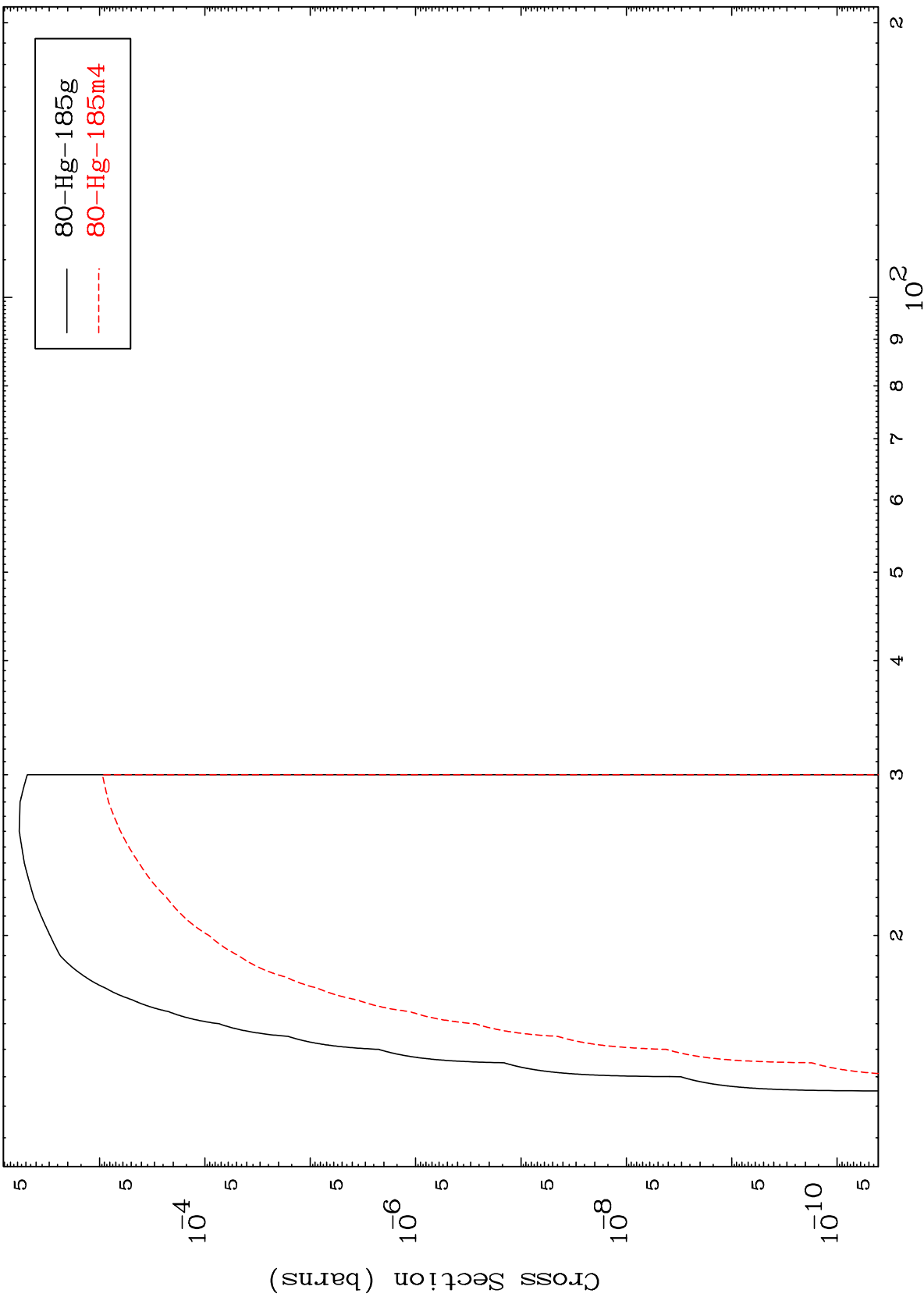
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81-Tl-187

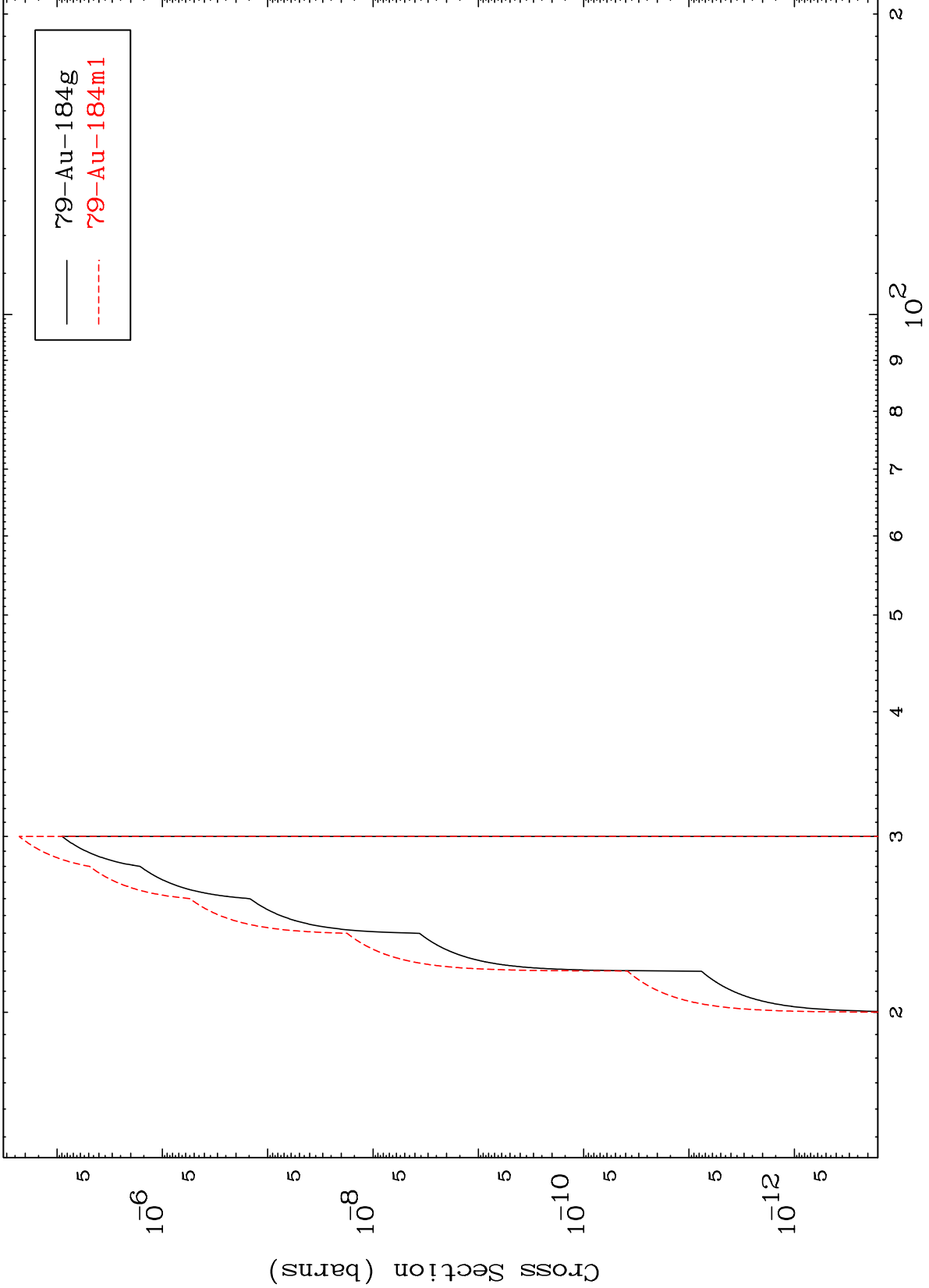
Photon Fission  
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section



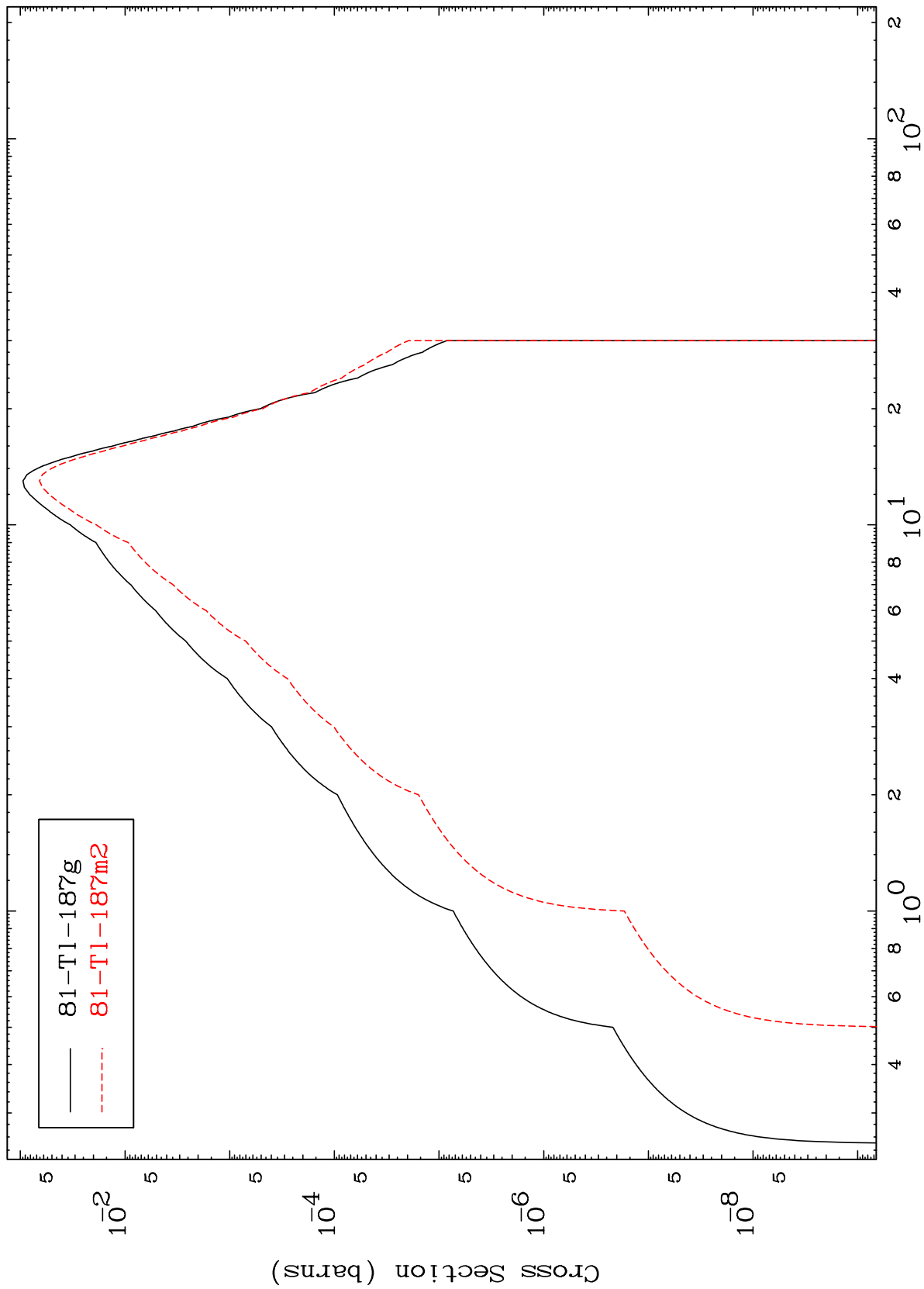
79-Au-184g  
79-Au-184m1



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81-Tl-187

Radionuclide Production Cross Section



16

Incident Energy (MeV)

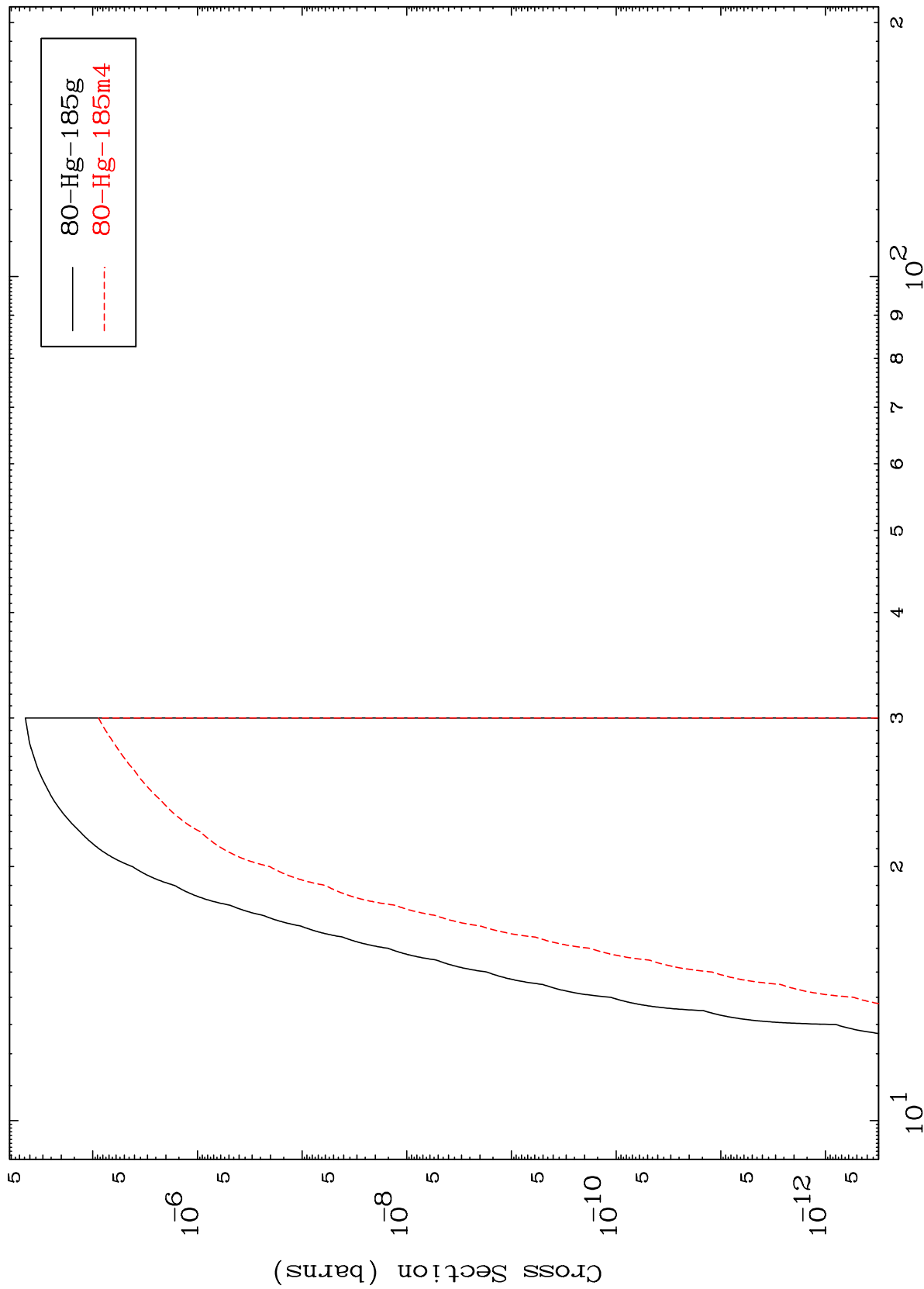
81-Tl-187

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( $\gamma, d$ )

81-Tl-187

Radionuclide Production Cross Section



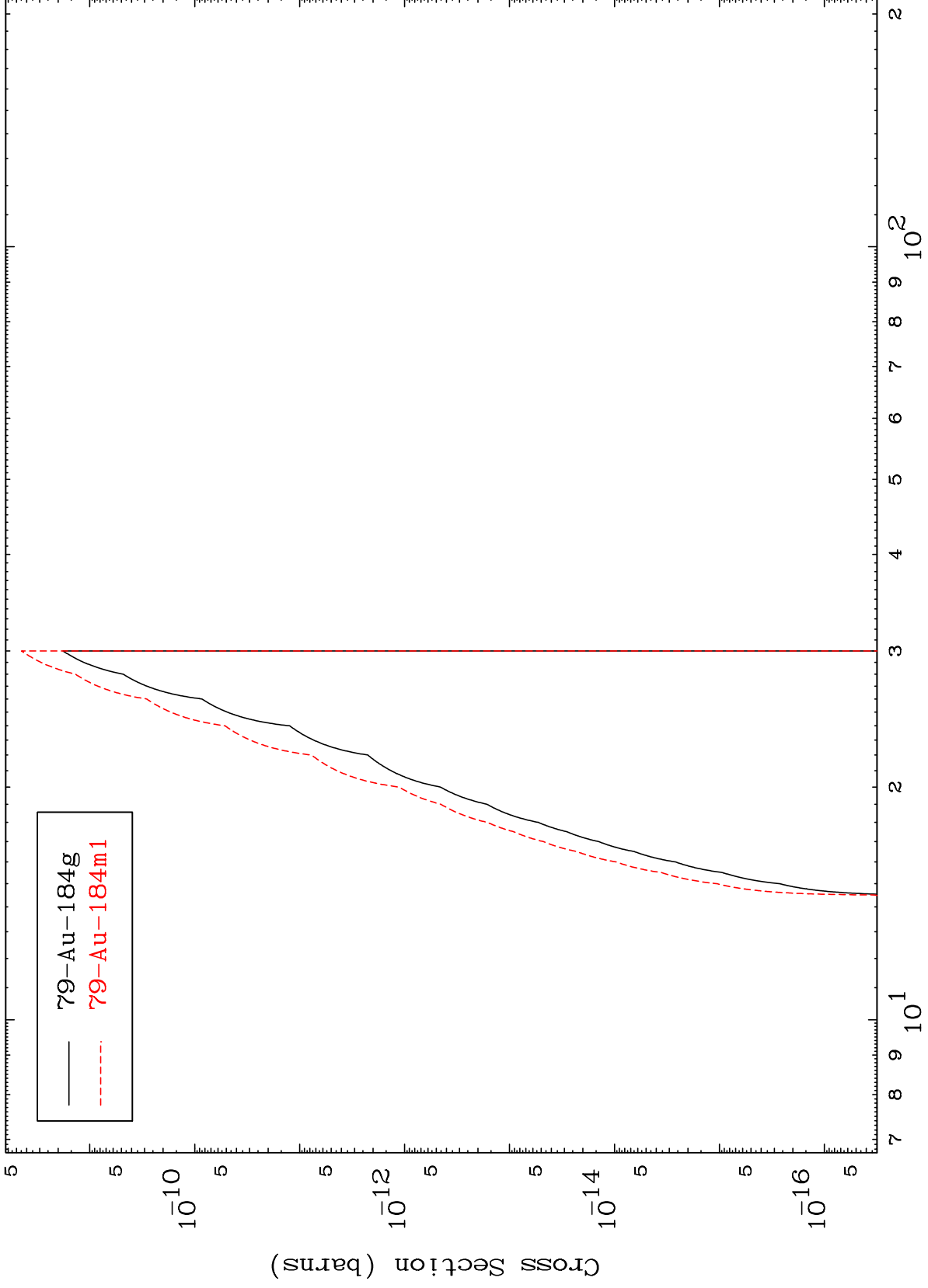
Incident Energy (MeV)

81-Tl-187

MAT 8077

81-Tl-187

( $\gamma, \text{He-3}$ )  
Radionuclide Production Cross Section



18

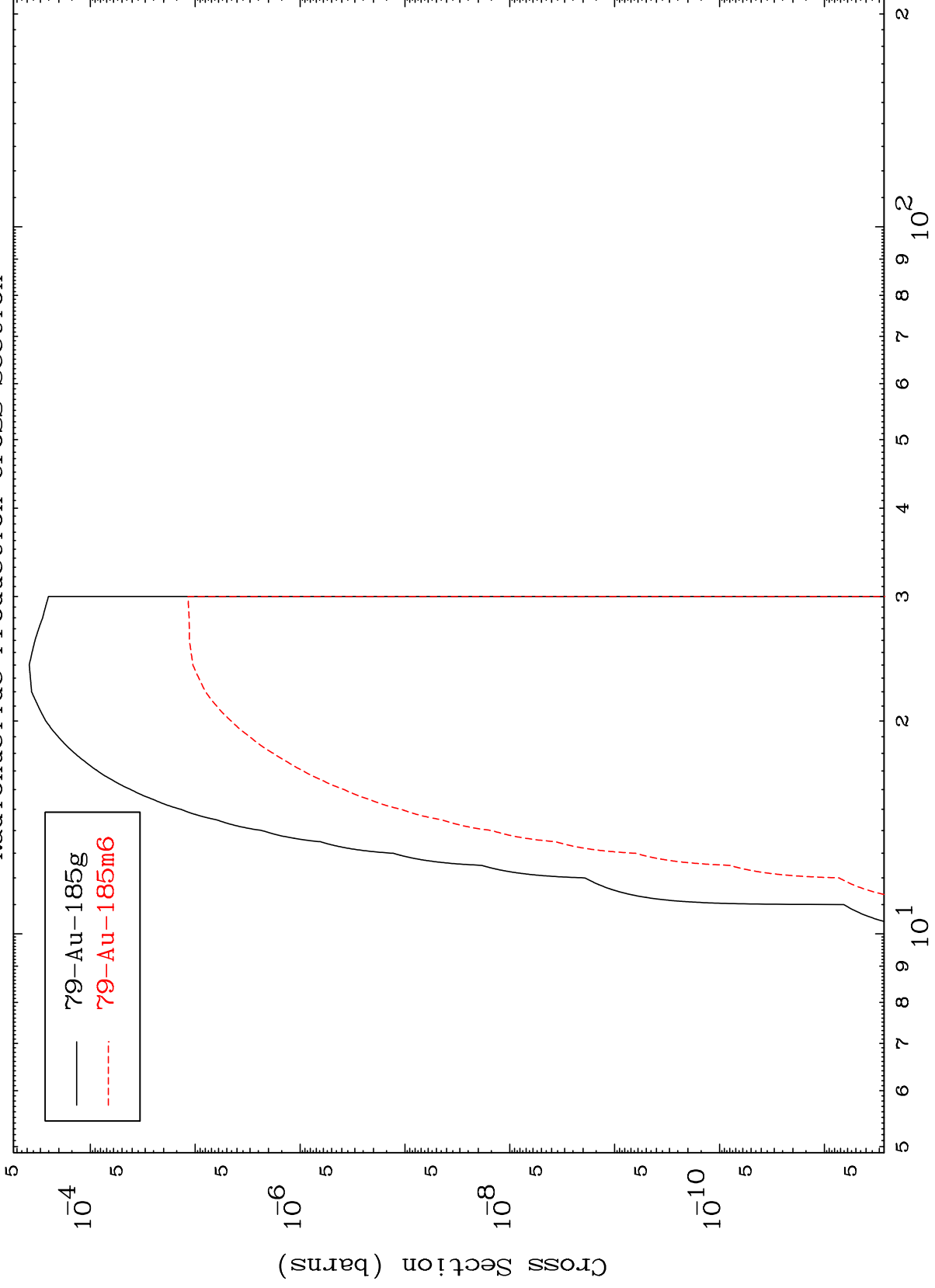
Incident Energy (MeV)

81-Tl-187

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81-Tl-187

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



19

Incident Energy (MeV)

81-Tl-187

Radionuclide Production Cross Section

