

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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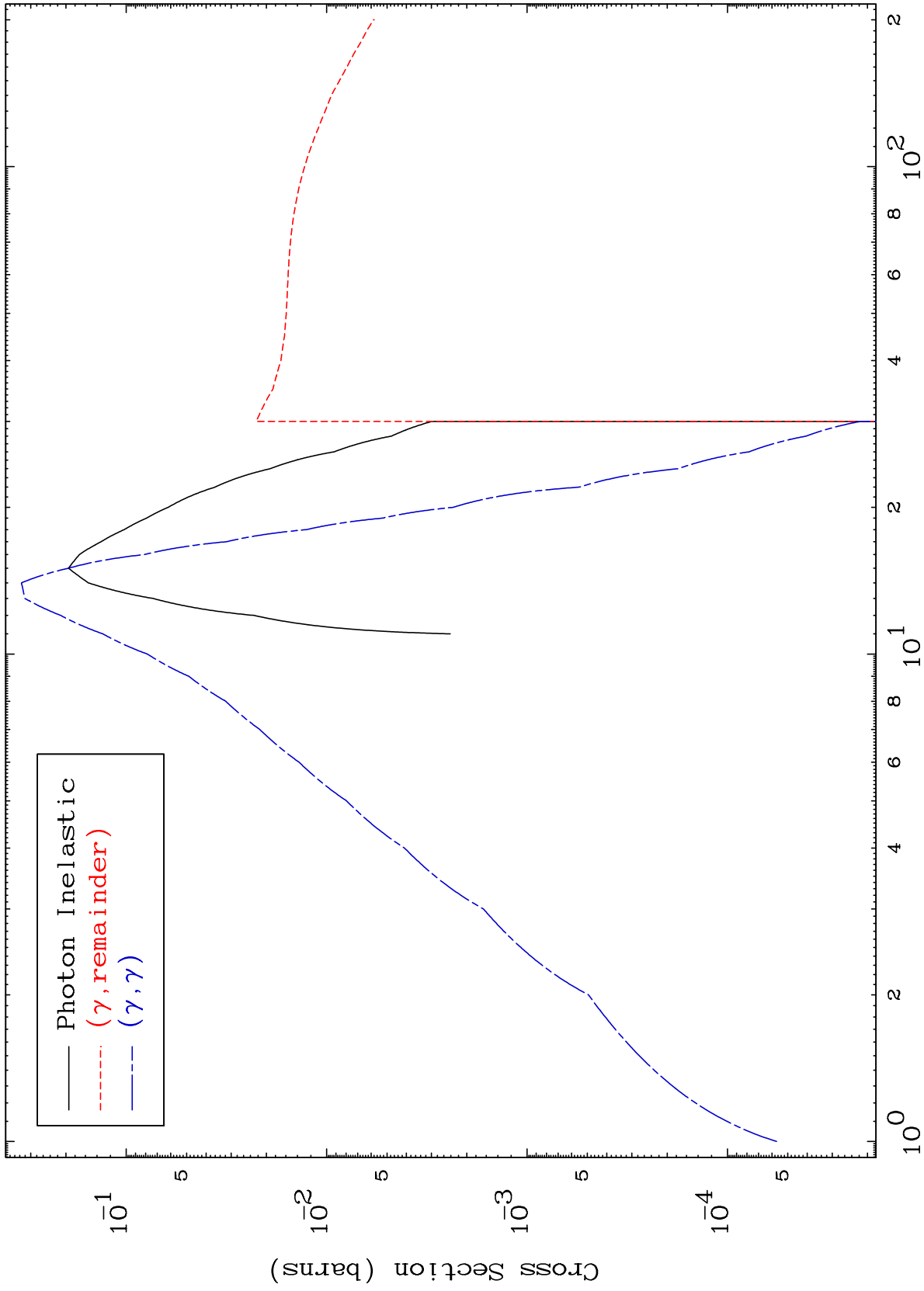
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8083

0 Kelvin Cross Sections

81-Tl-189



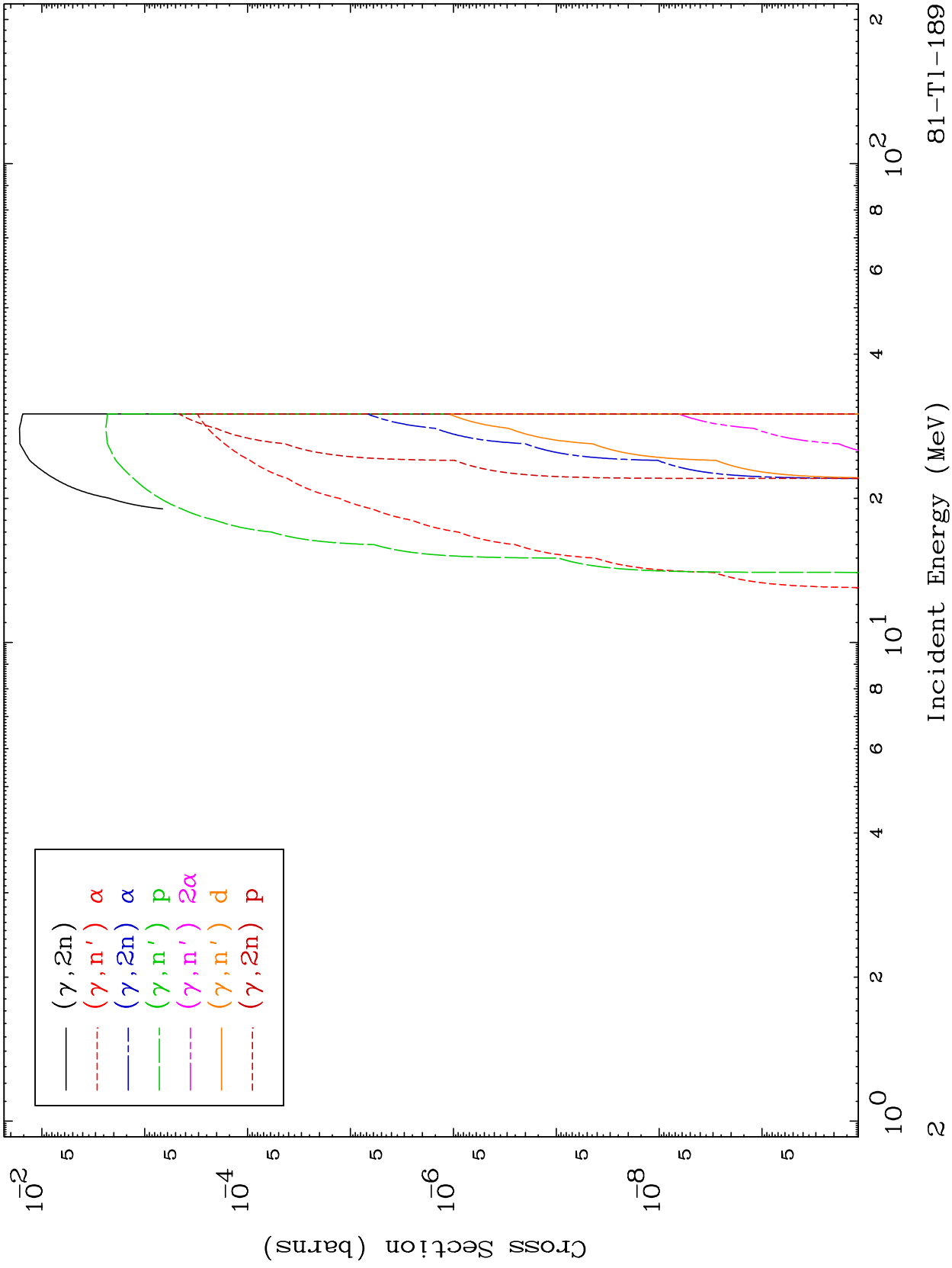
81-Tl-189

Incident Energy (MeV)

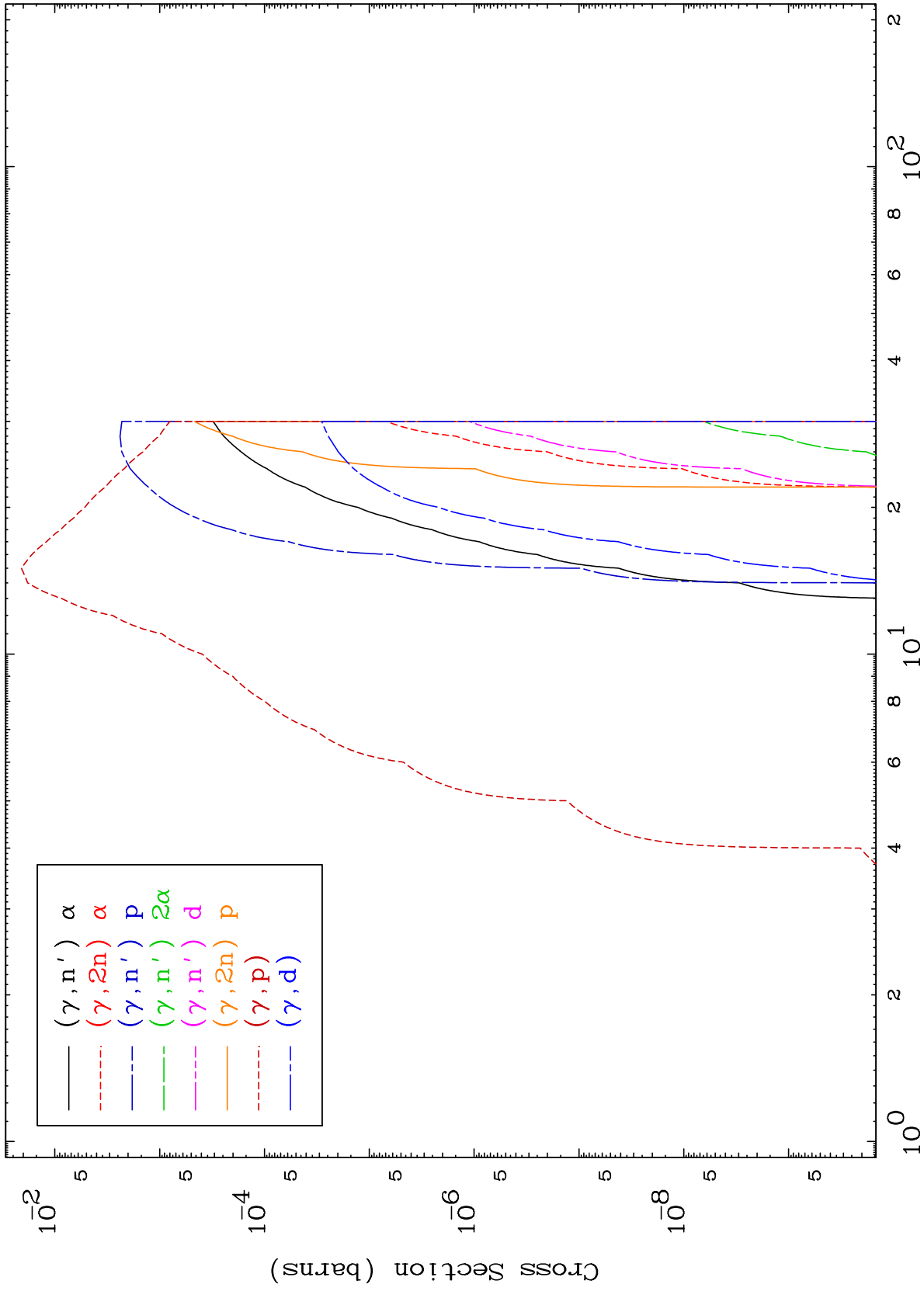
MAT 8083

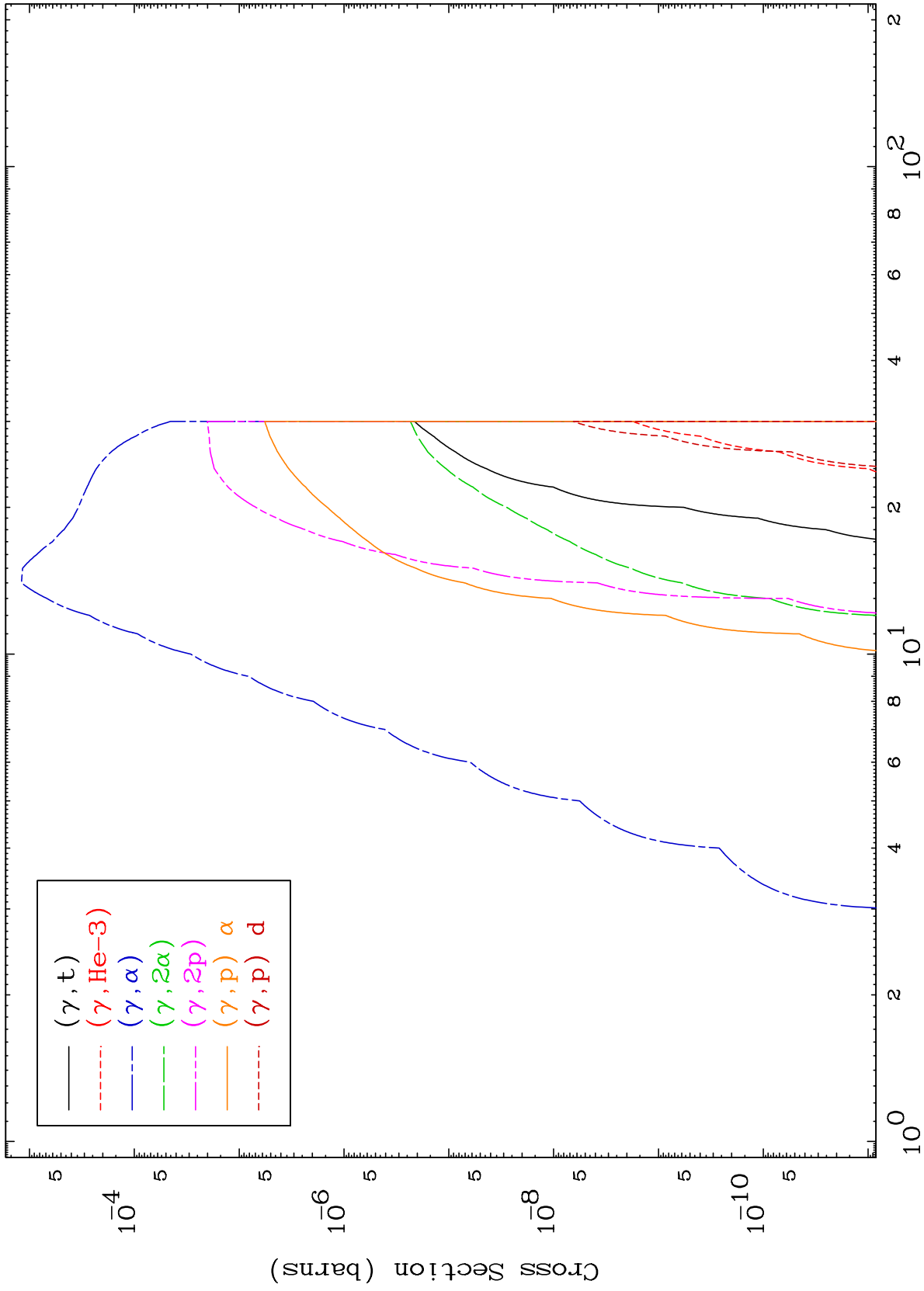
Photon Neutron Production  
0 Kelvin Cross Sections

81-Tl-189



81-Tl-189



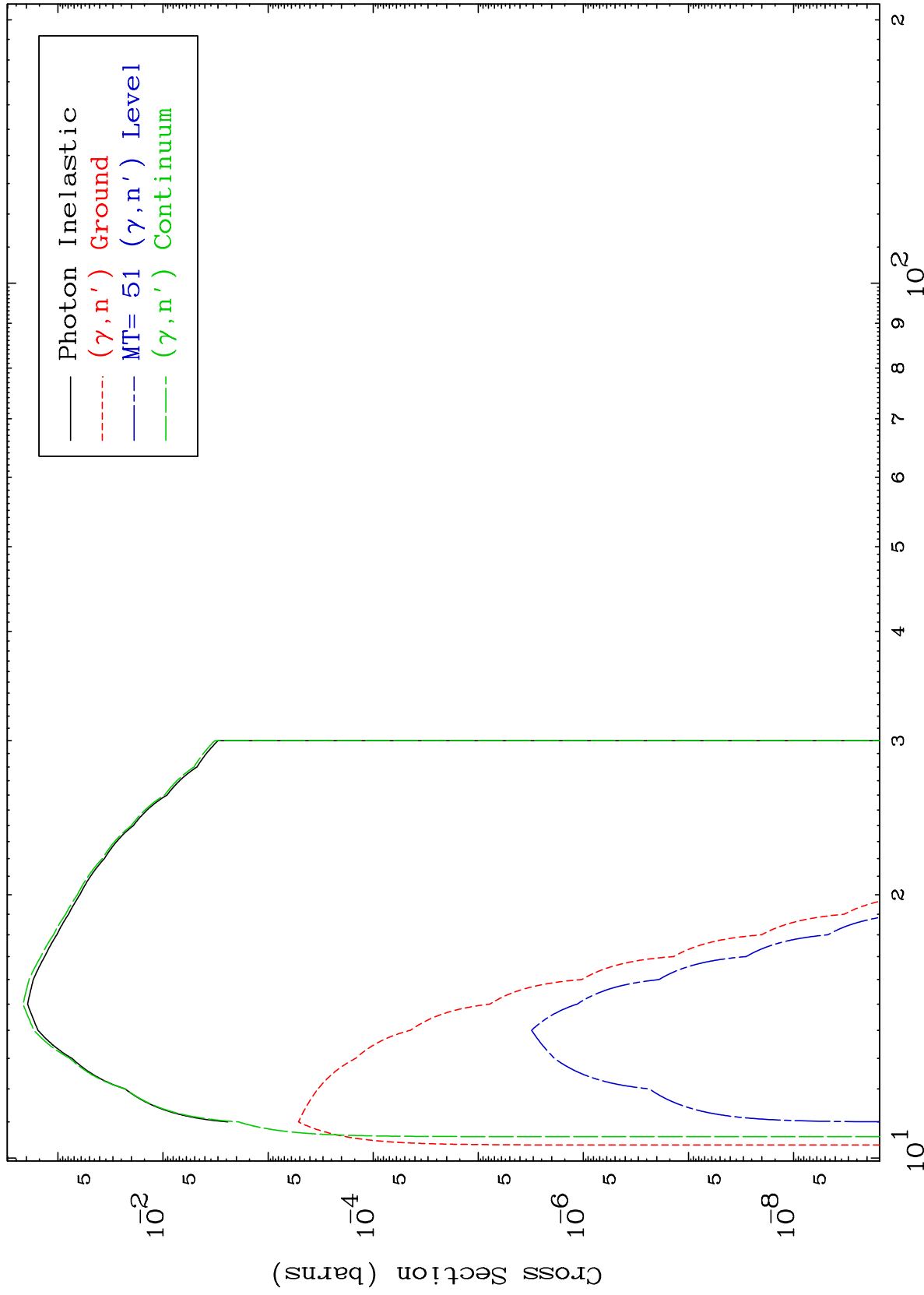


MAT 8083

$(\gamma, n')$  Level

81-Tl-189

0 Kelvin Cross Sections



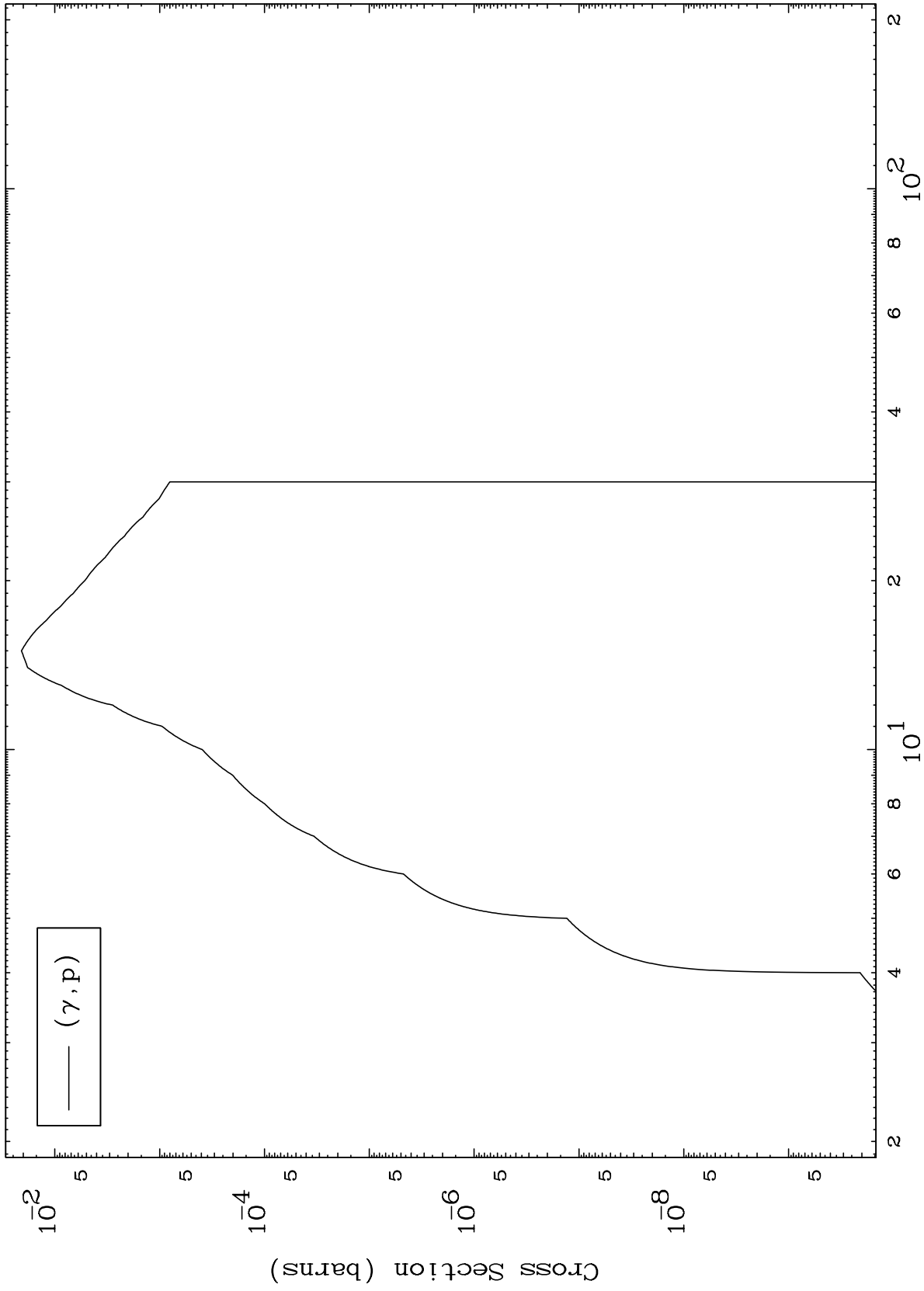
Incident Energy (MeV)

81-Tl-189

MAT 8083

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

81-Tl-189



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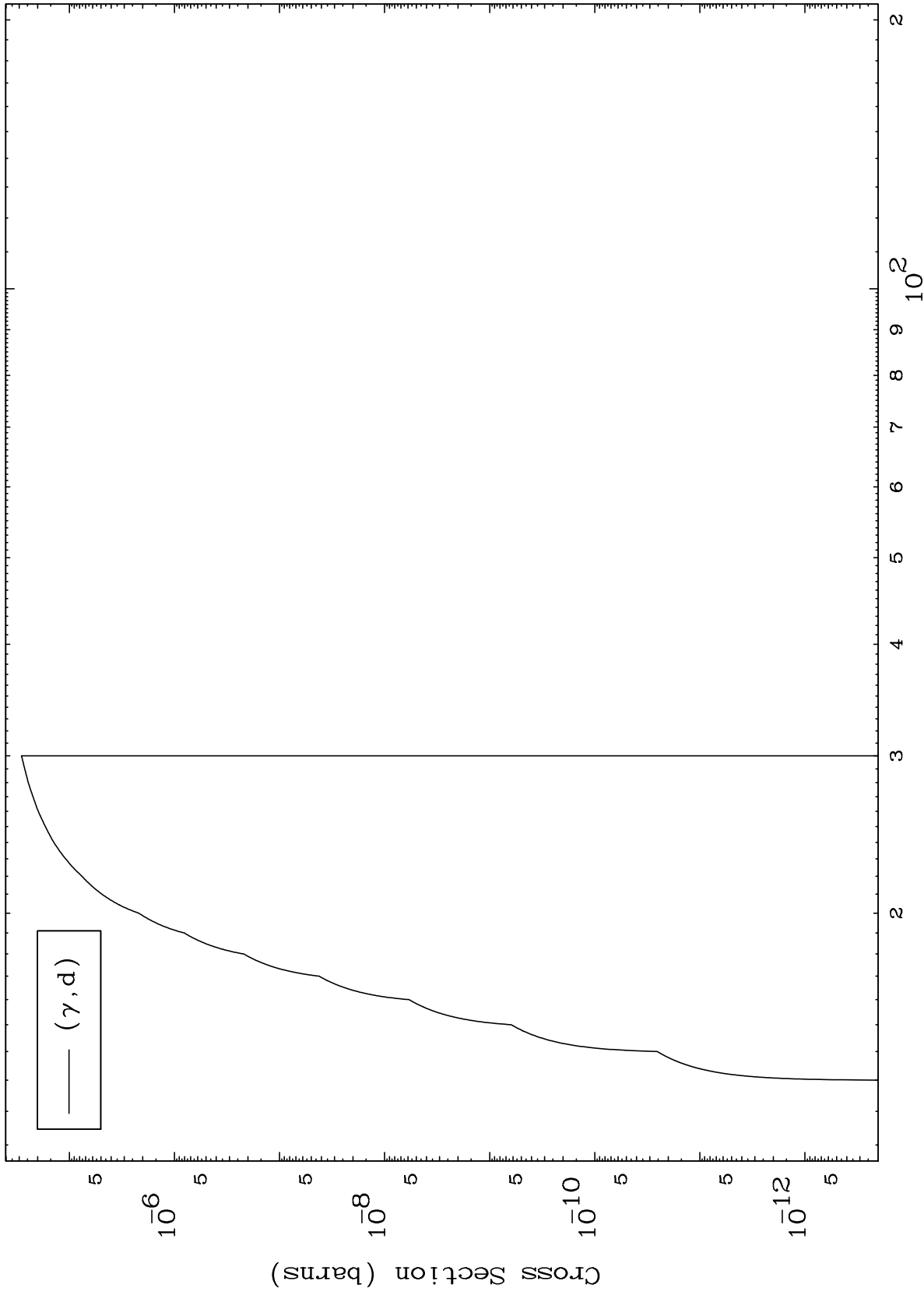
Incident Energy (MeV)

81-Tl-189

MAT 8083

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

81-Tl-189

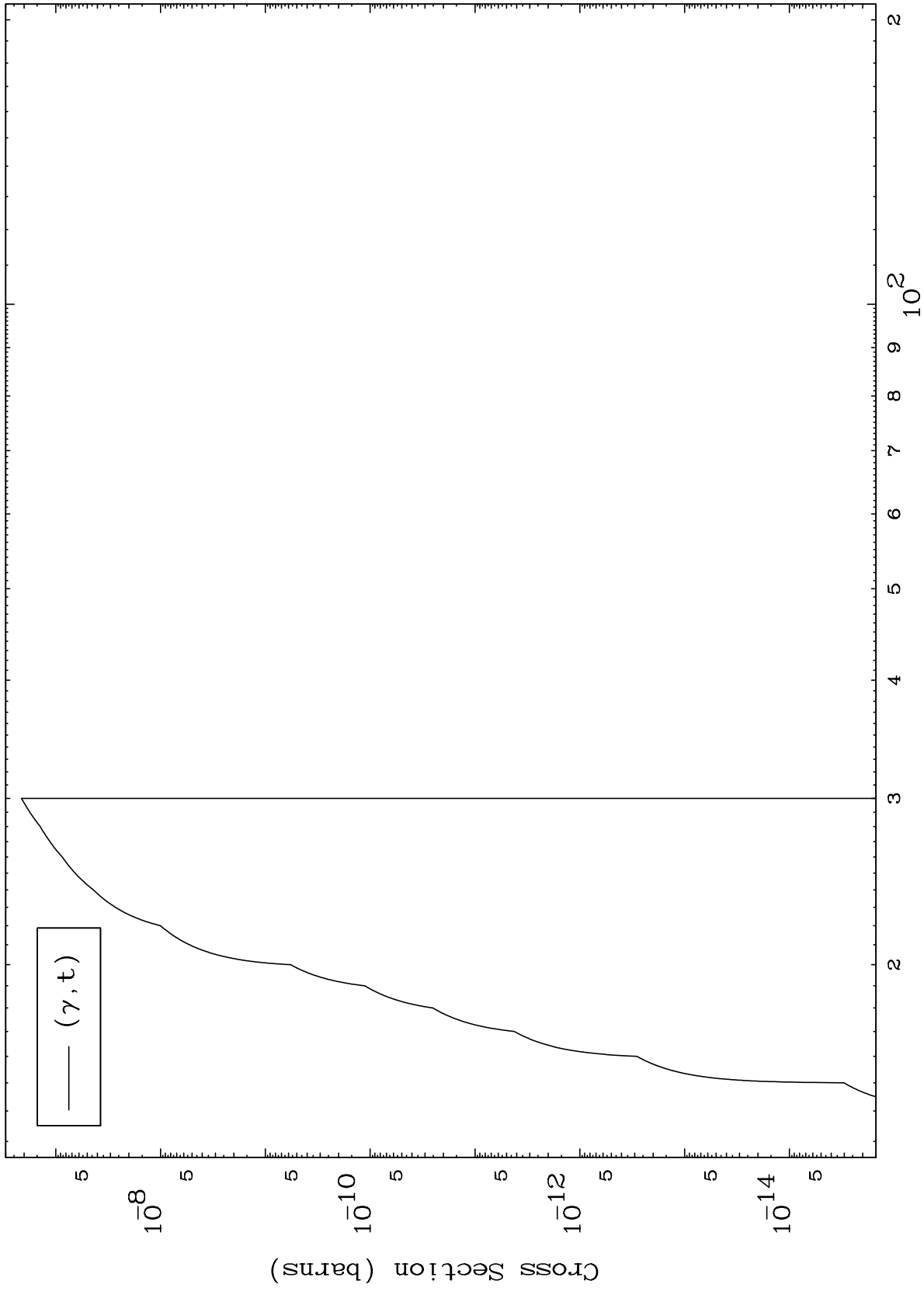


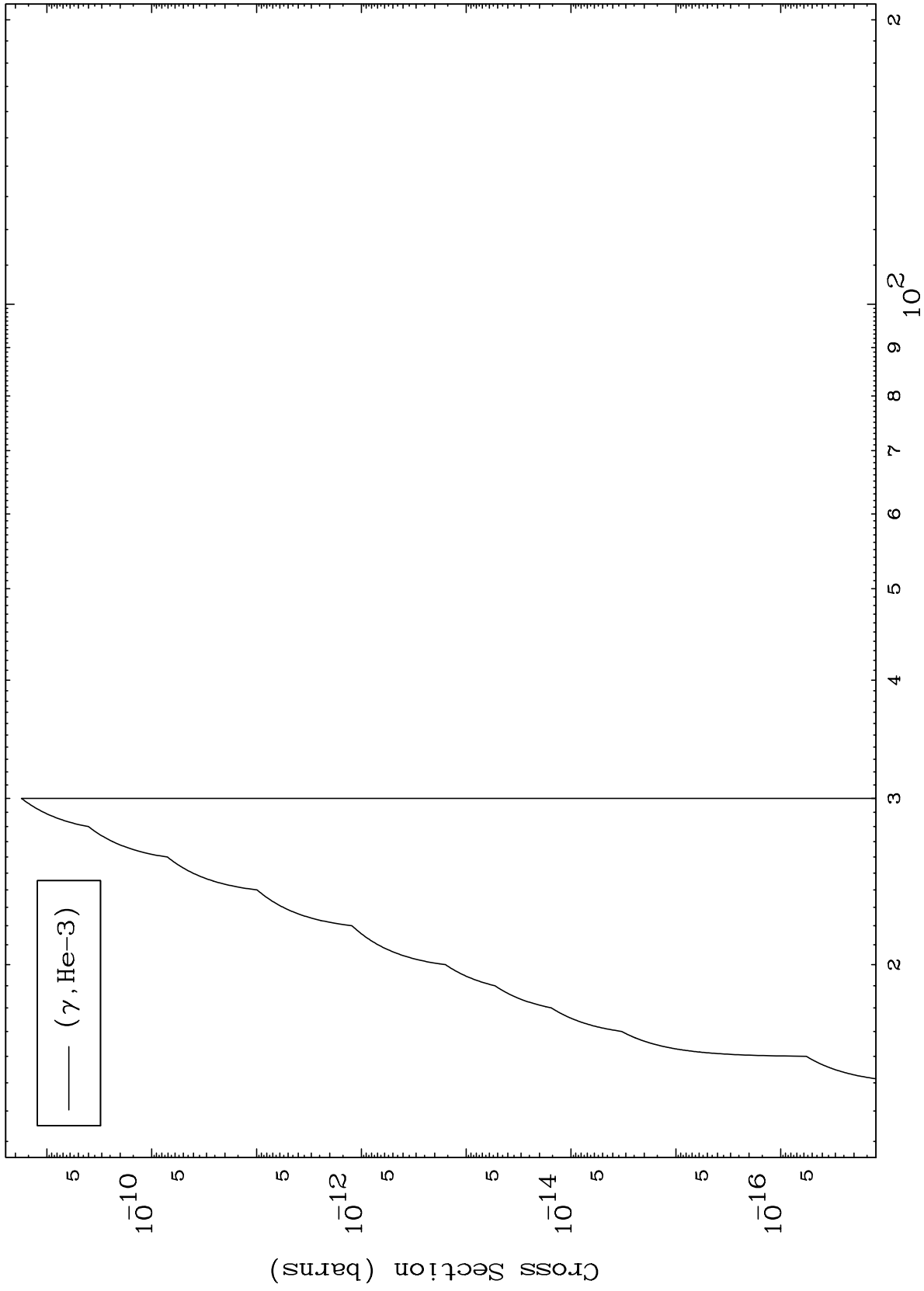
7

Incident Energy (MeV)

81-Tl-189



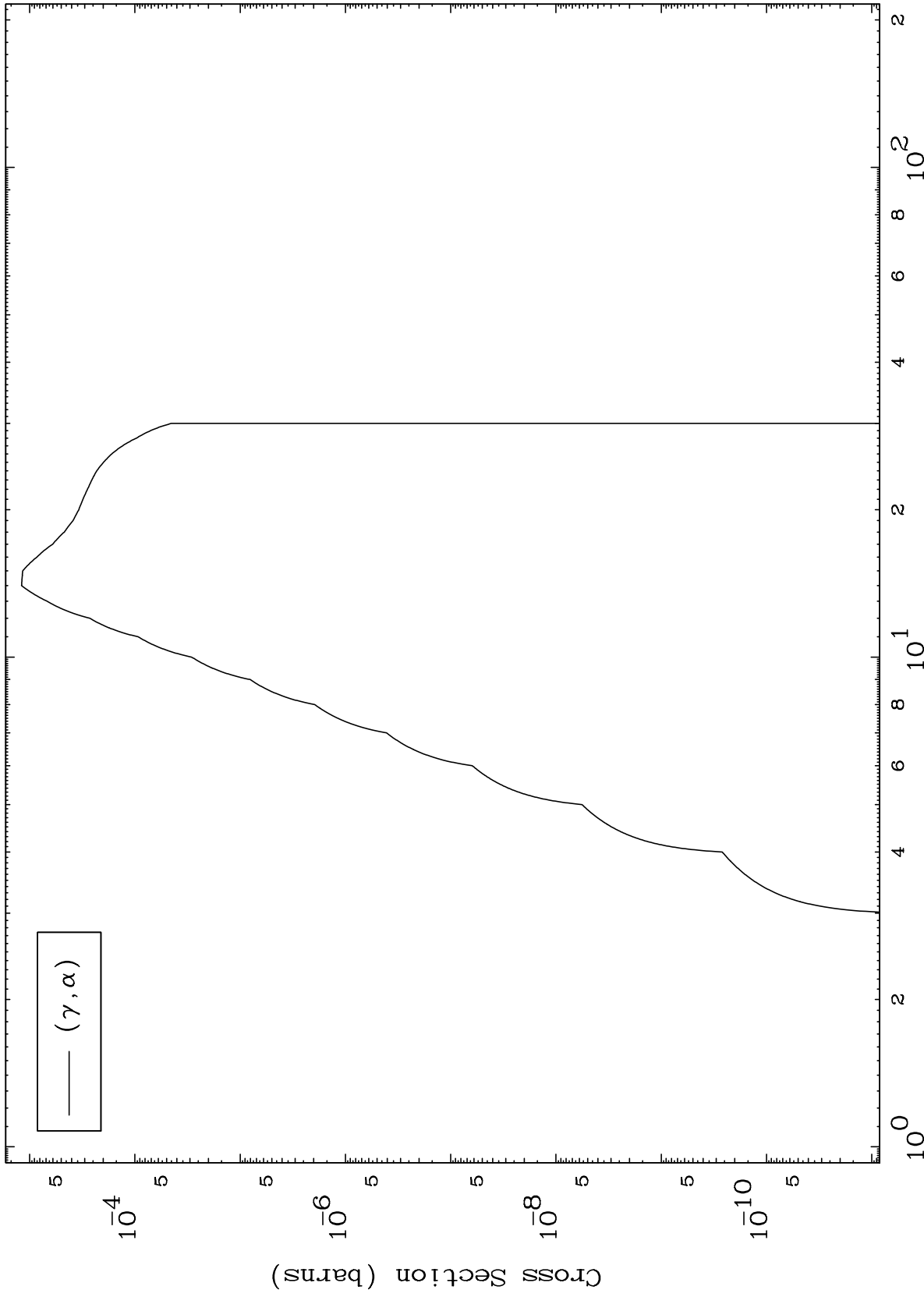




MAT 8083

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

81-Tl-189



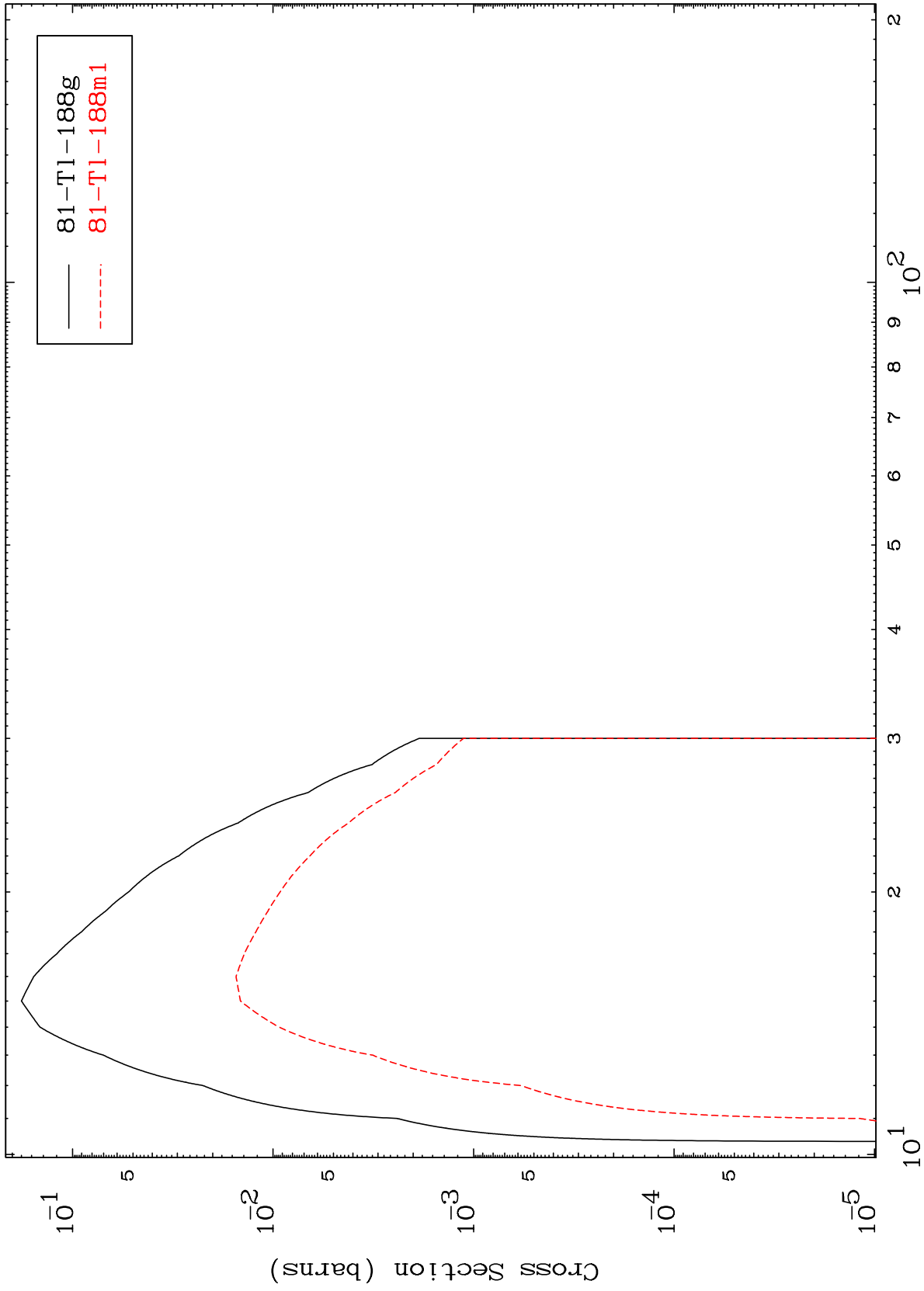
Incident Energy (MeV)

81-Tl-189

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Photon Inelastic  
Radionuclide Production Cross Section

81-Tl-189



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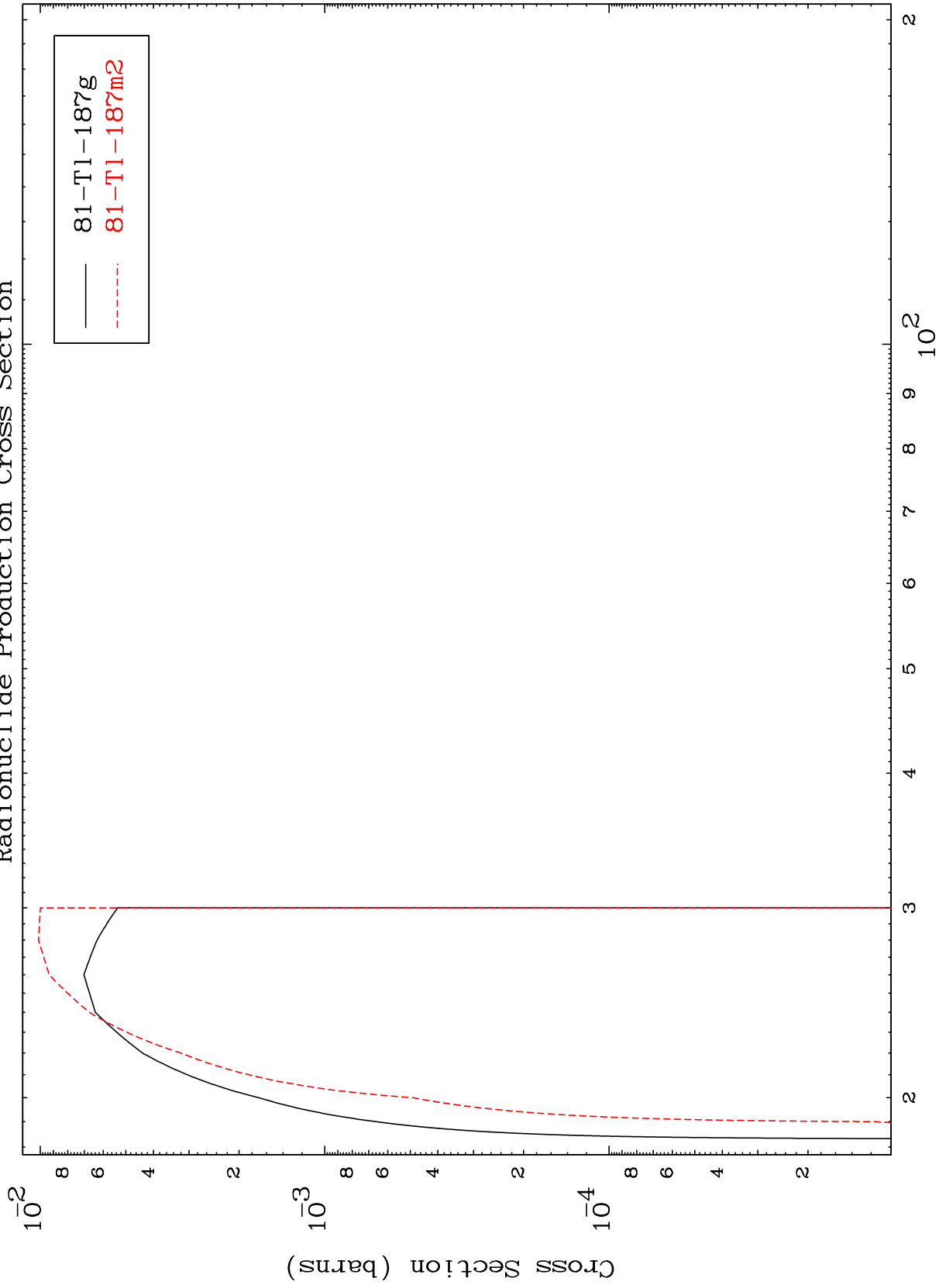
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

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



12

Incident Energy (MeV)

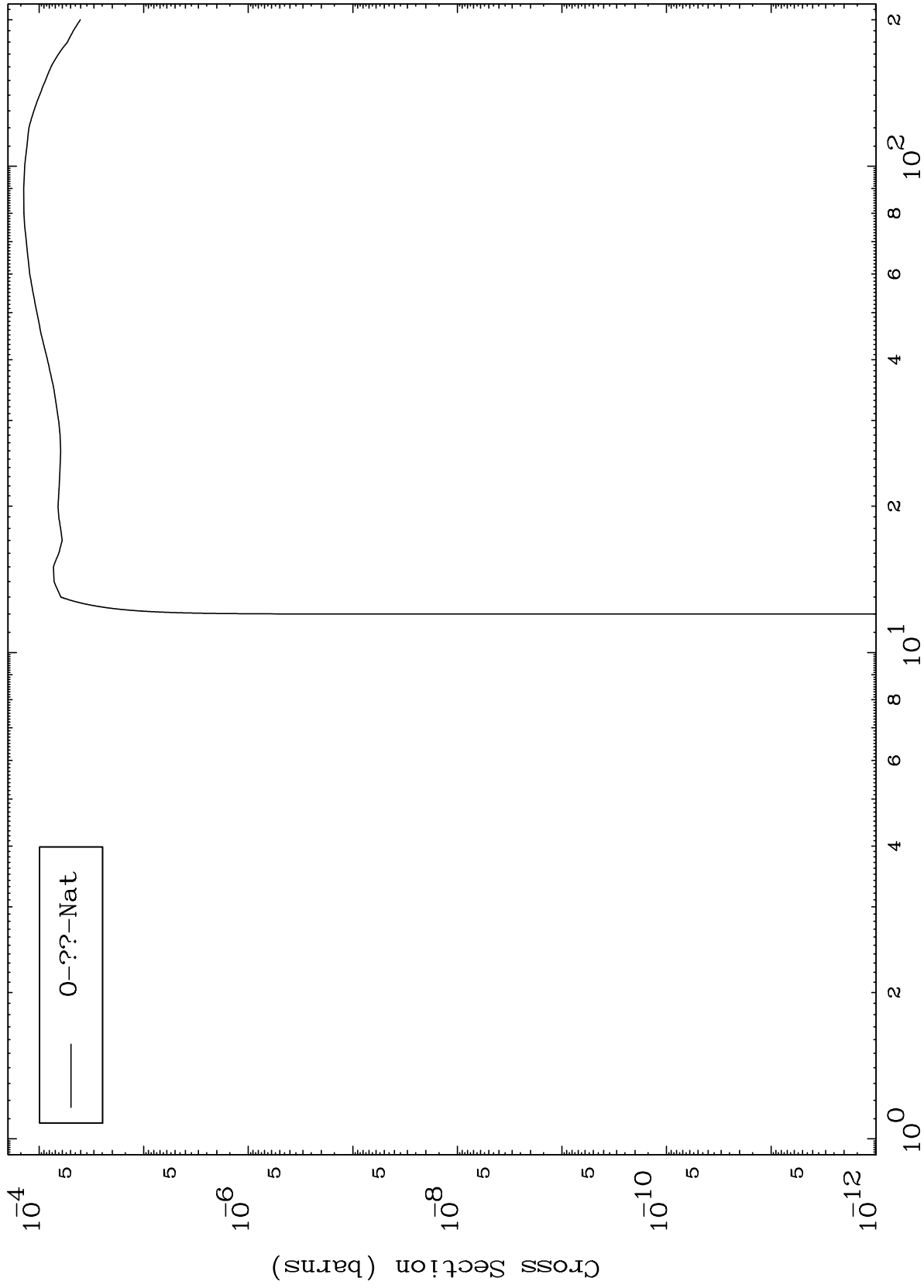
81-Tl-189

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Photon Fission

81-Tl-189

Radionuclide Production Cross Section



Incident Energy (MeV)

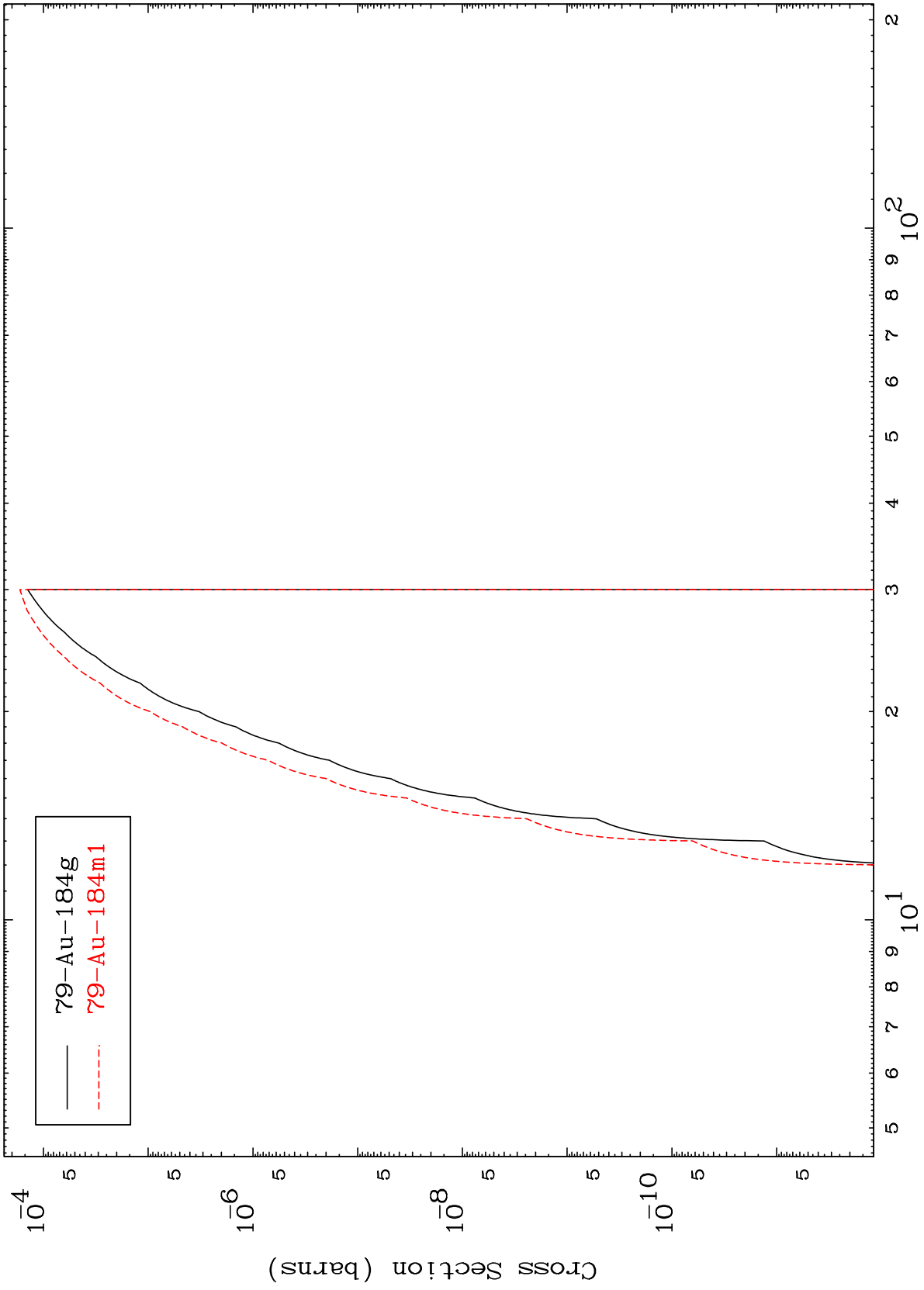
81-Tl-189

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81-Tl-189

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

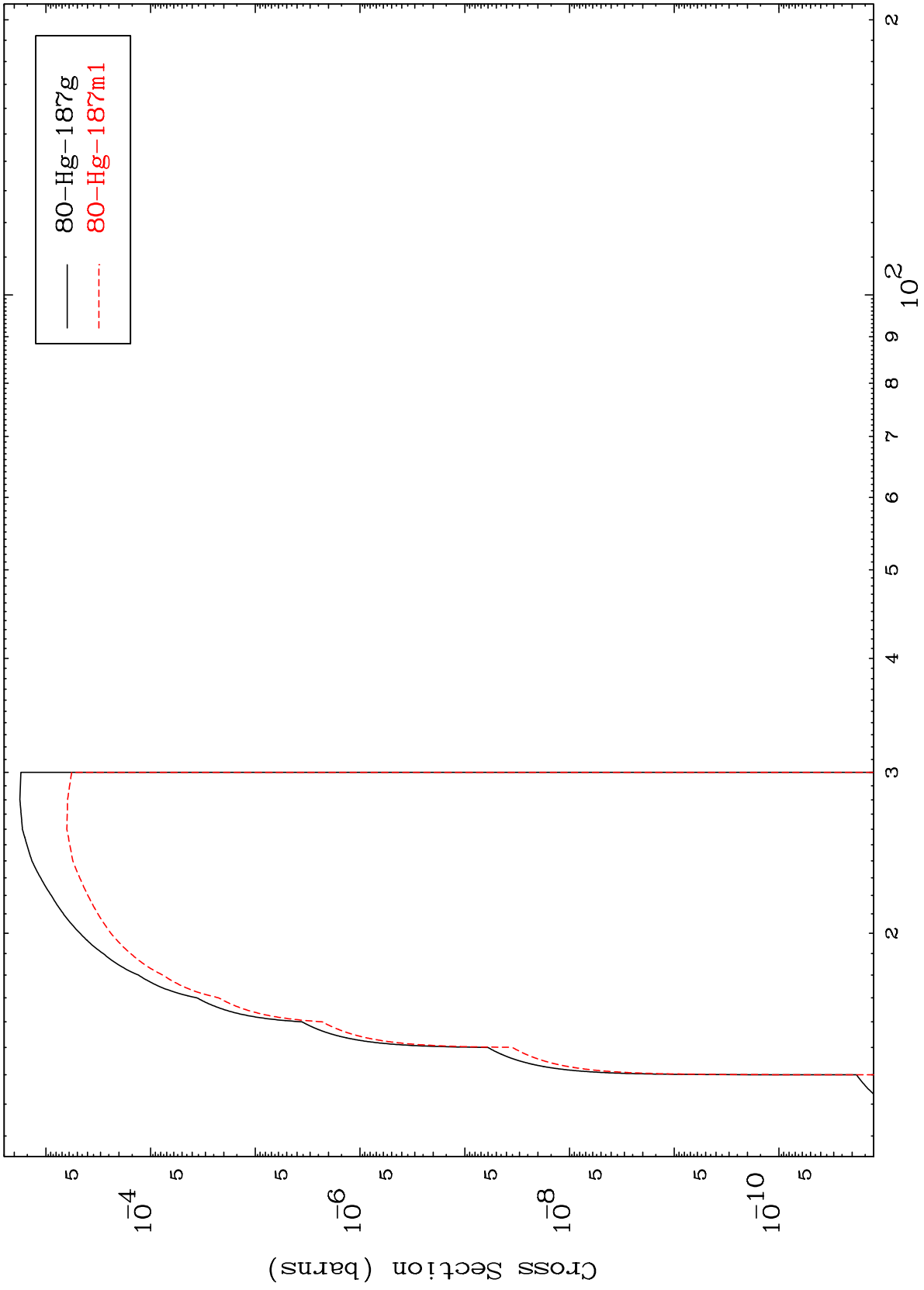


14

Incident Energy (MeV)

81-Tl-189

Radionuclide Production Cross Section

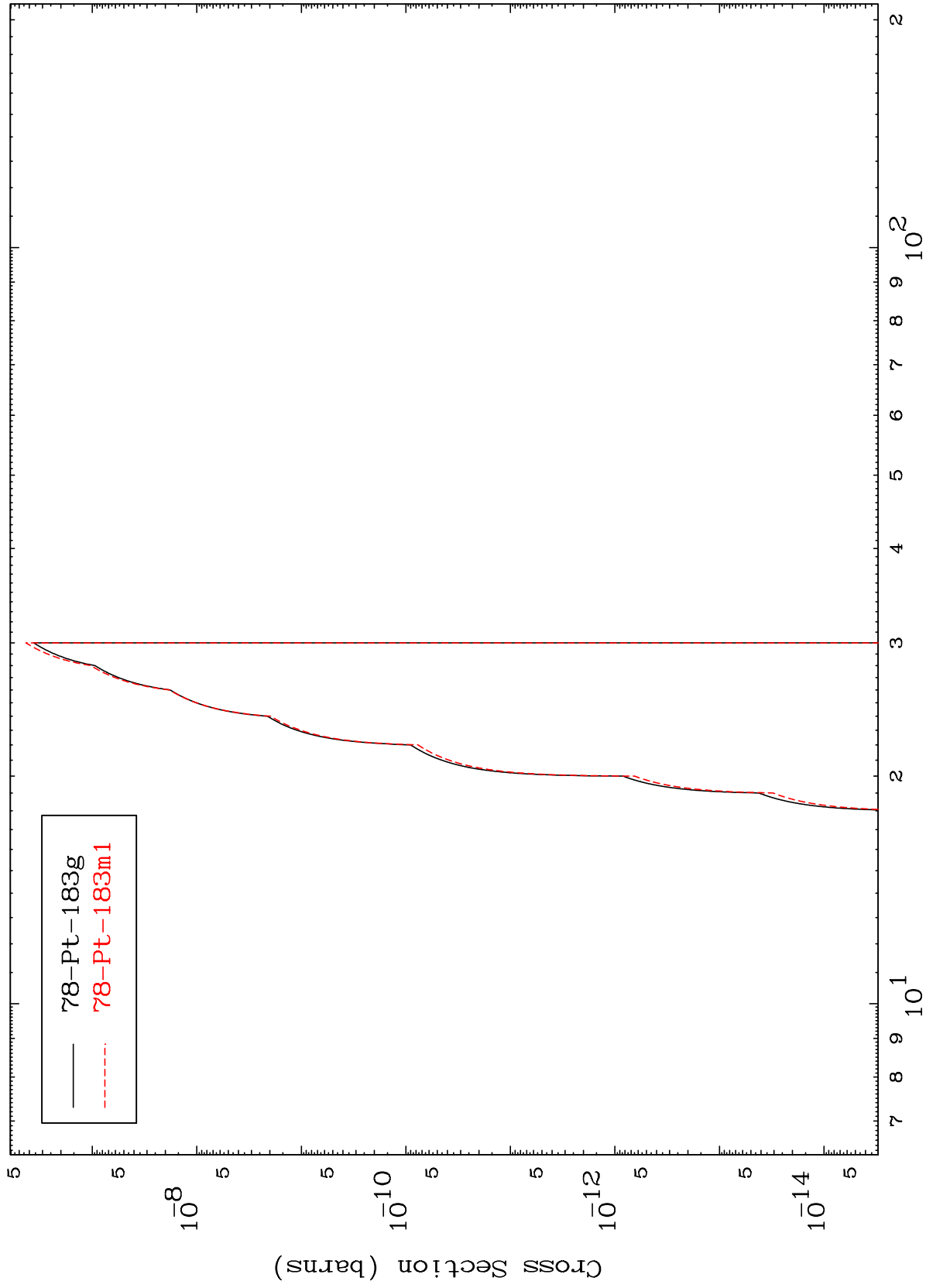




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81-Tl-189

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



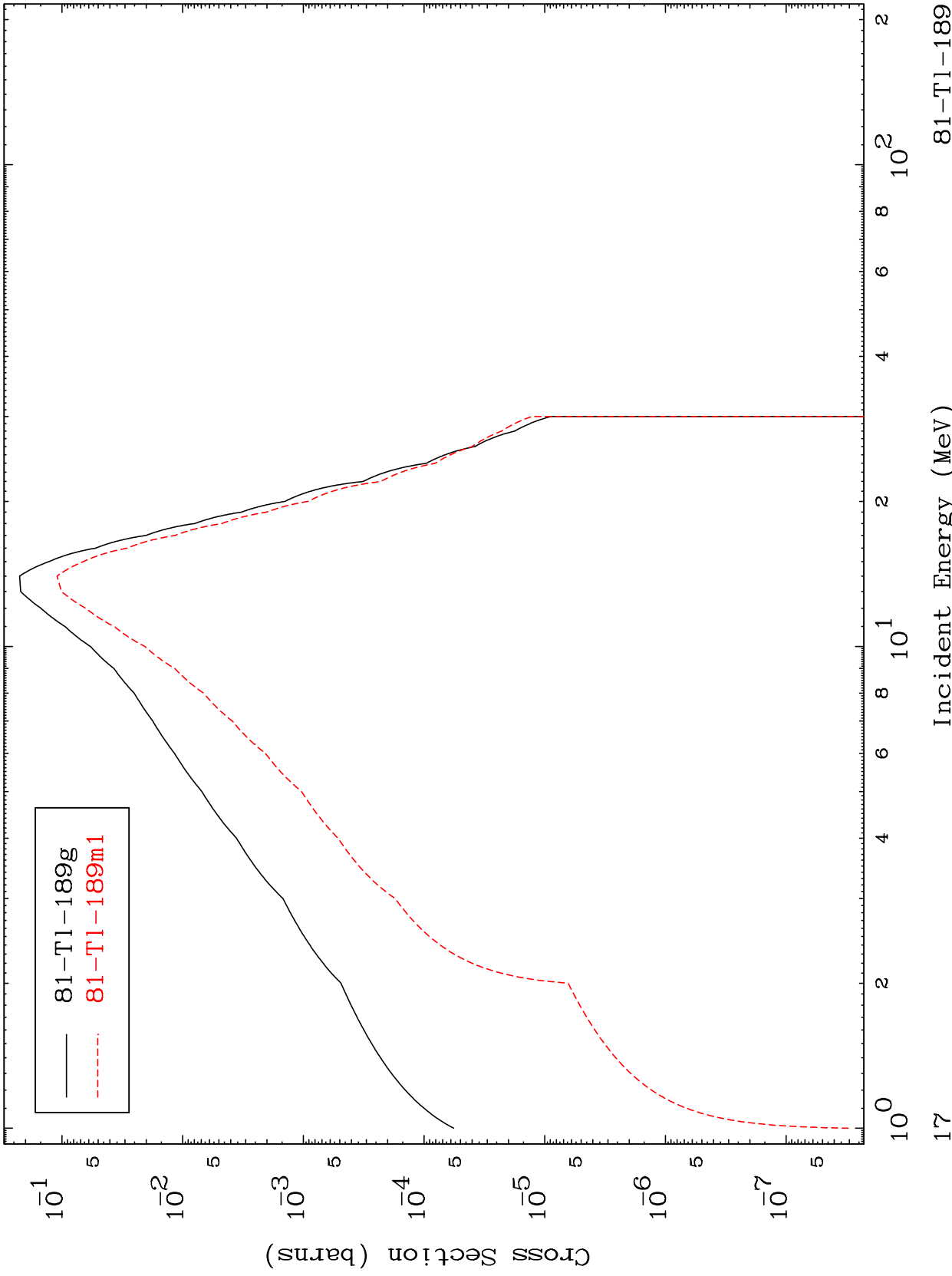
16

81-Tl-189

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81-Tl-189

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

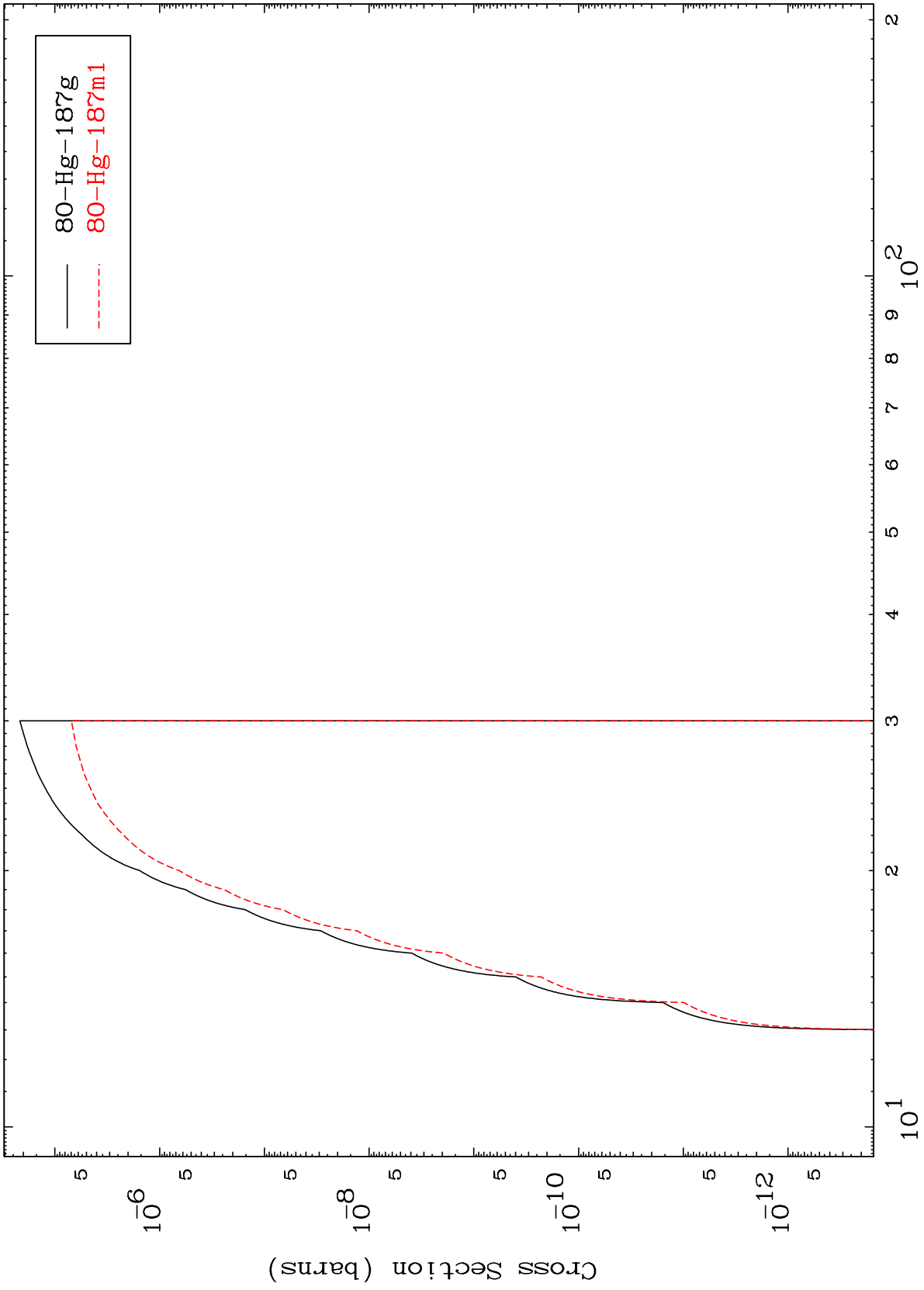


81-Tl-189

MAT 8083

81-Tl-189

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



81-Tl-189

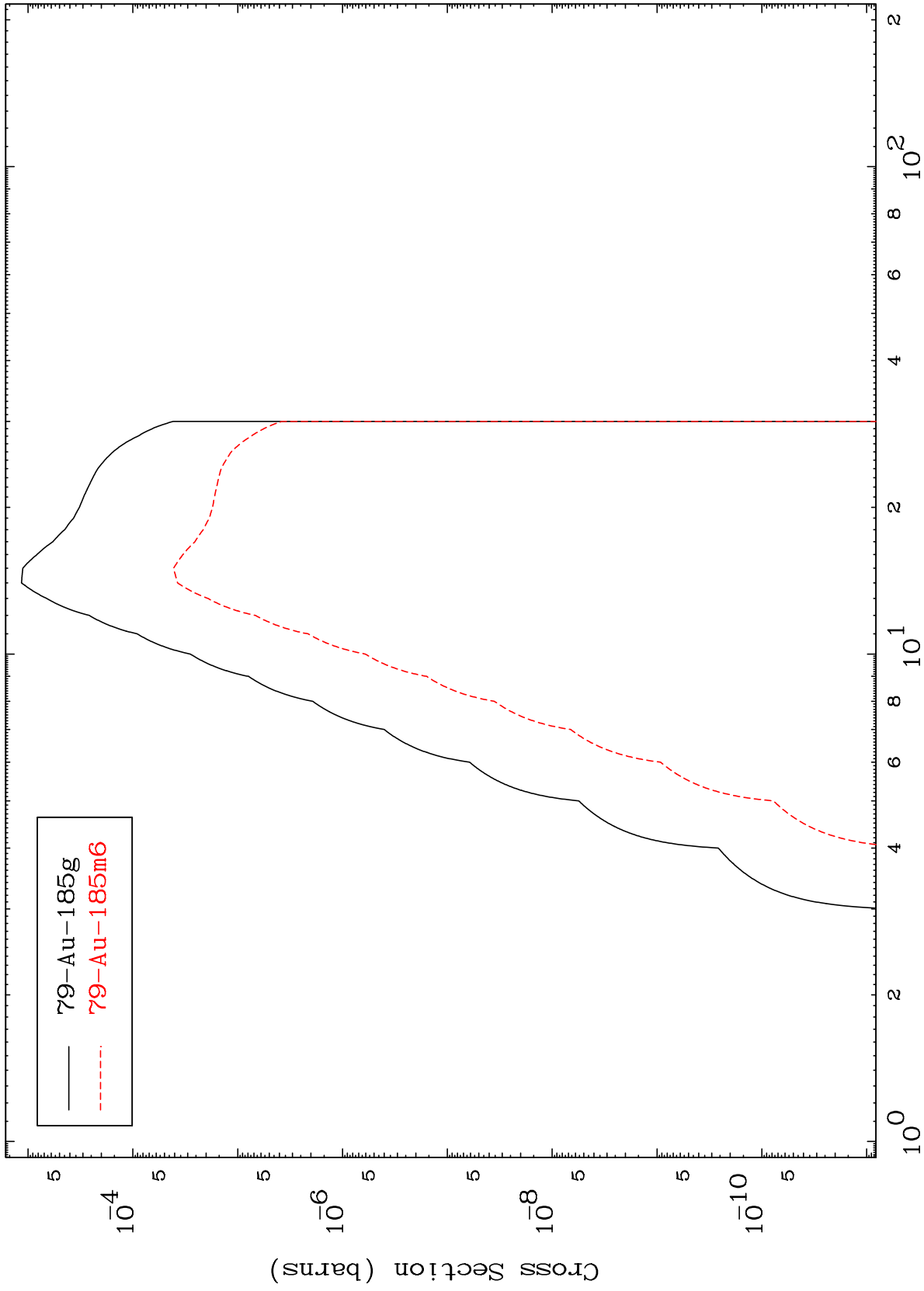
Incident Energy (MeV)

18

MAT 8083

81-Tl-189

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



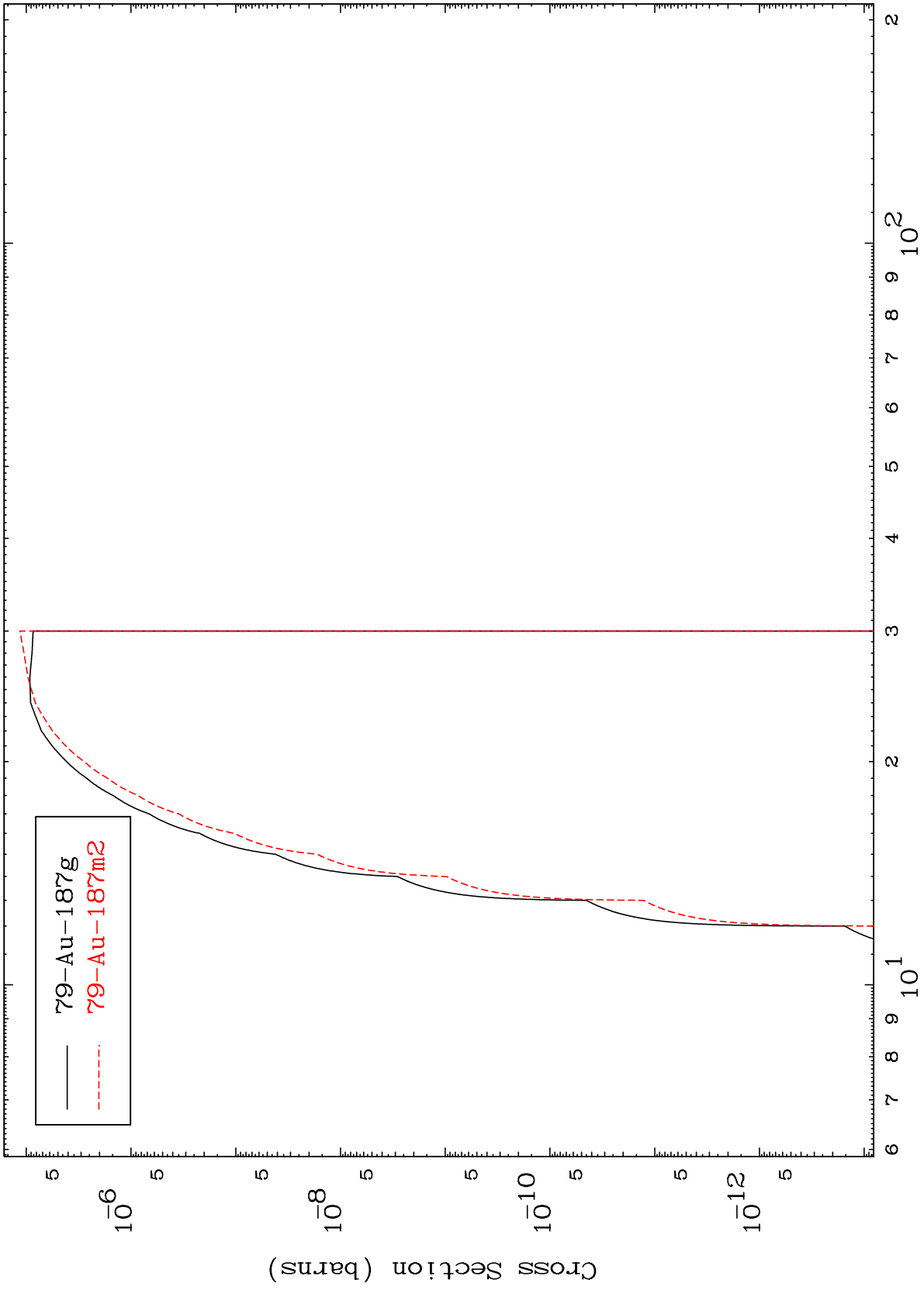
Incident Energy (MeV)

81-Tl-189

MAT 8083

81-Tl-189

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



20

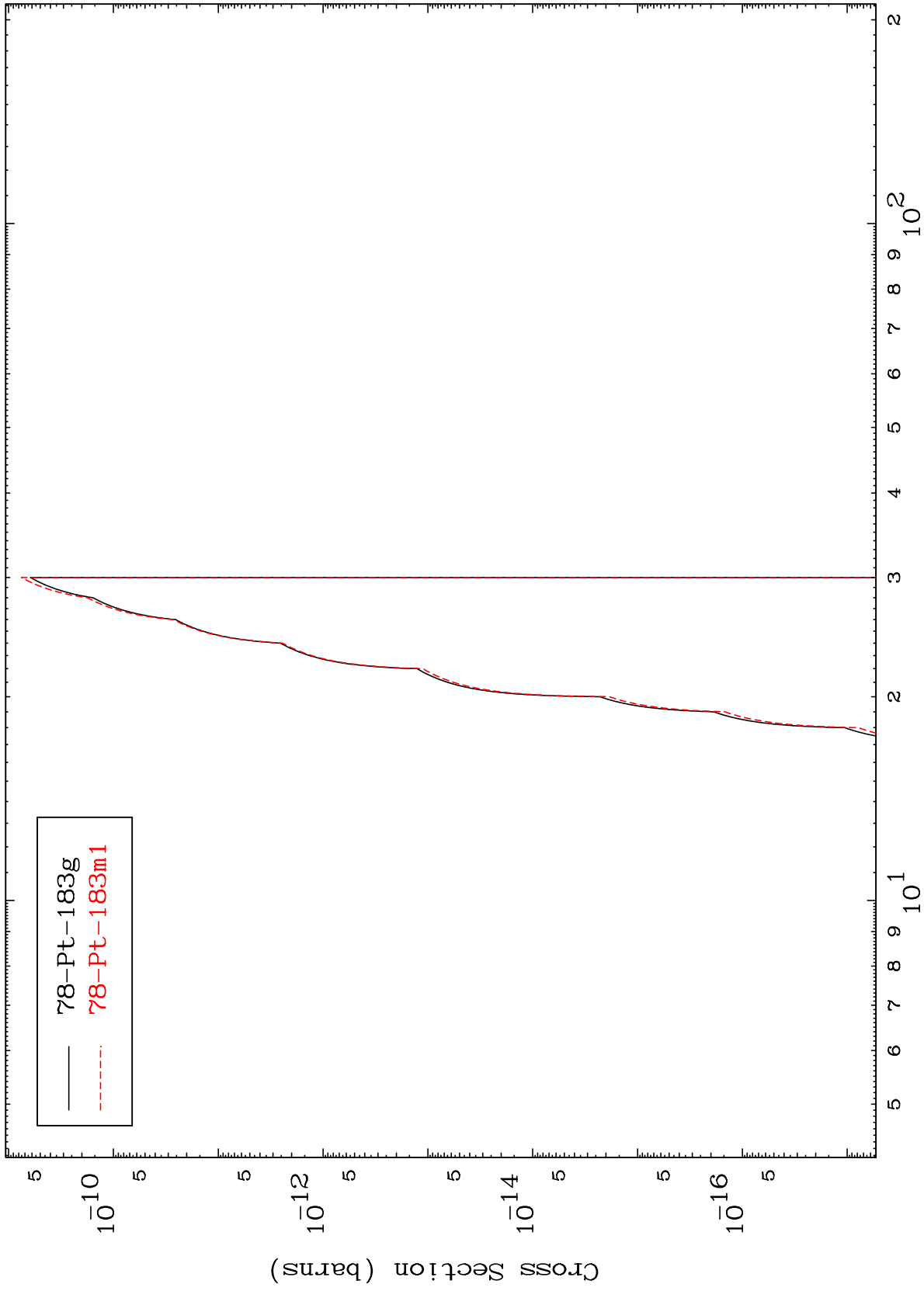
81-Tl-189

MAT 8083

( $\gamma, d$ )  $\alpha$

81-Tl-189

Radionuclide Production Cross Section



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81-Tl-189