

Program EVALPLOT  
(Version 2018-1)

by

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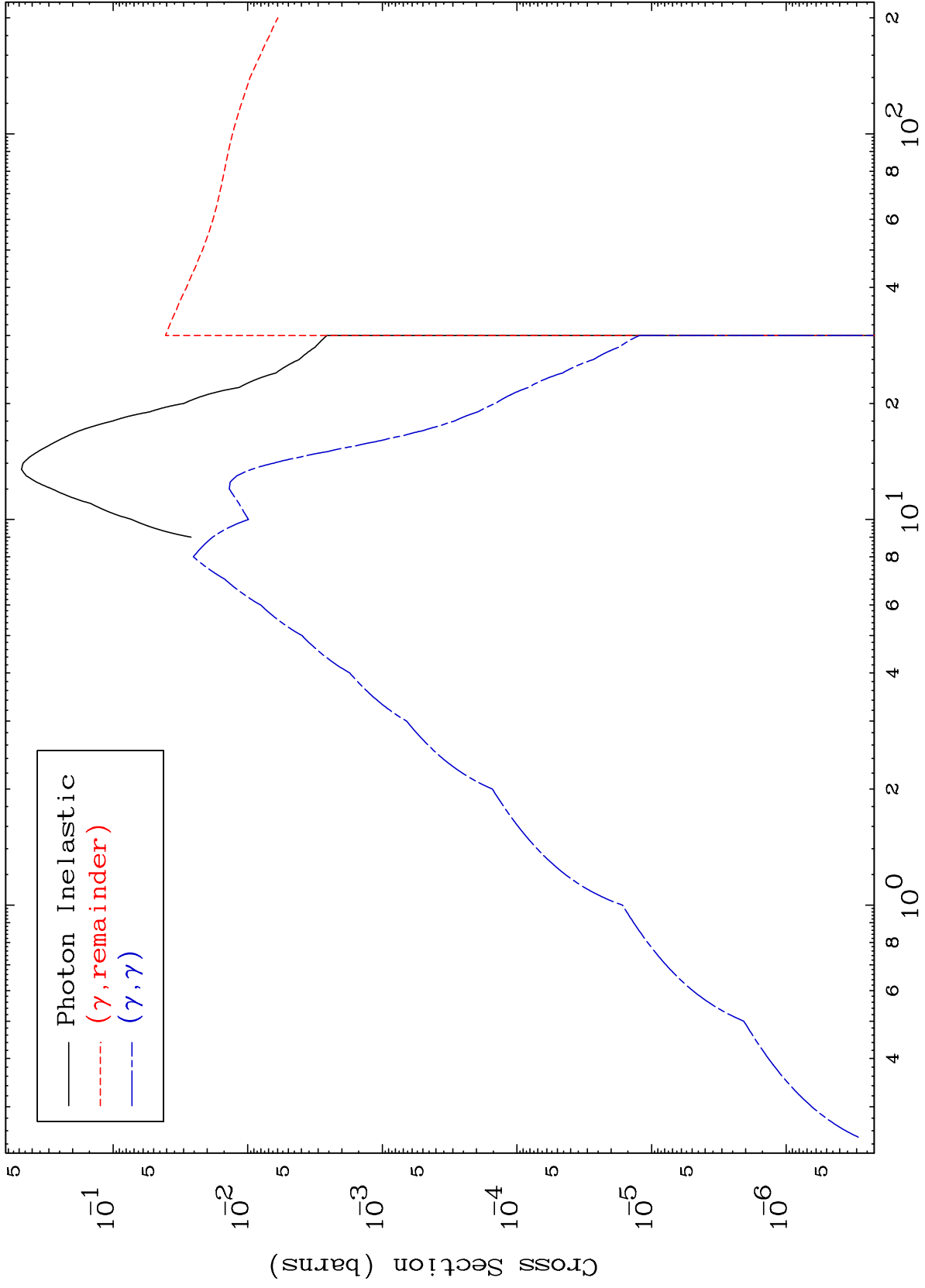
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8302

Photon Major  
0 Kelvin Cross Sections

83-Bi-201



1

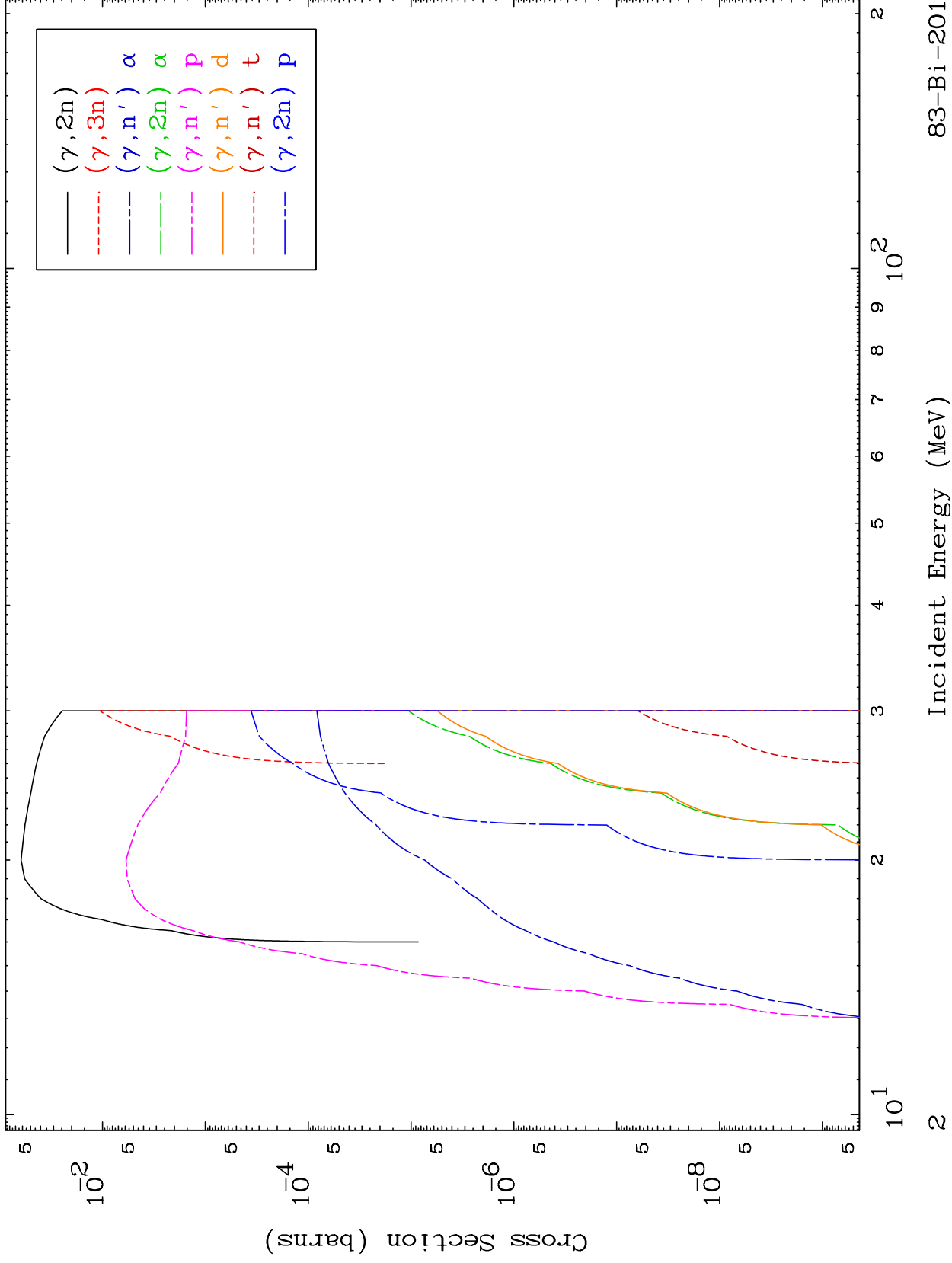
Incident Energy (MeV)

83-Bi-201

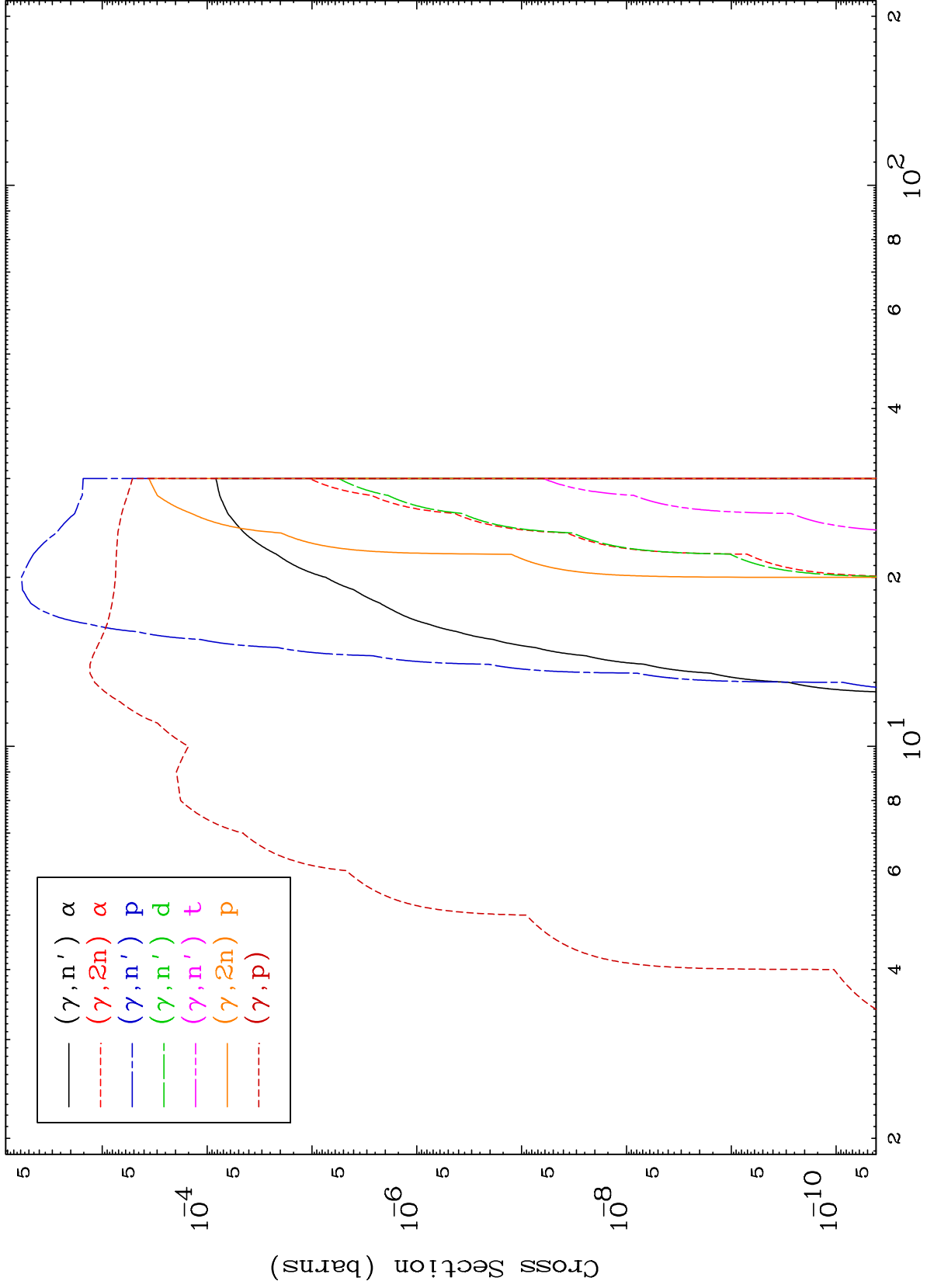
MAT 8302

Photon Neutron Production  
0 Kelvin Cross Sections

83-Bi-201



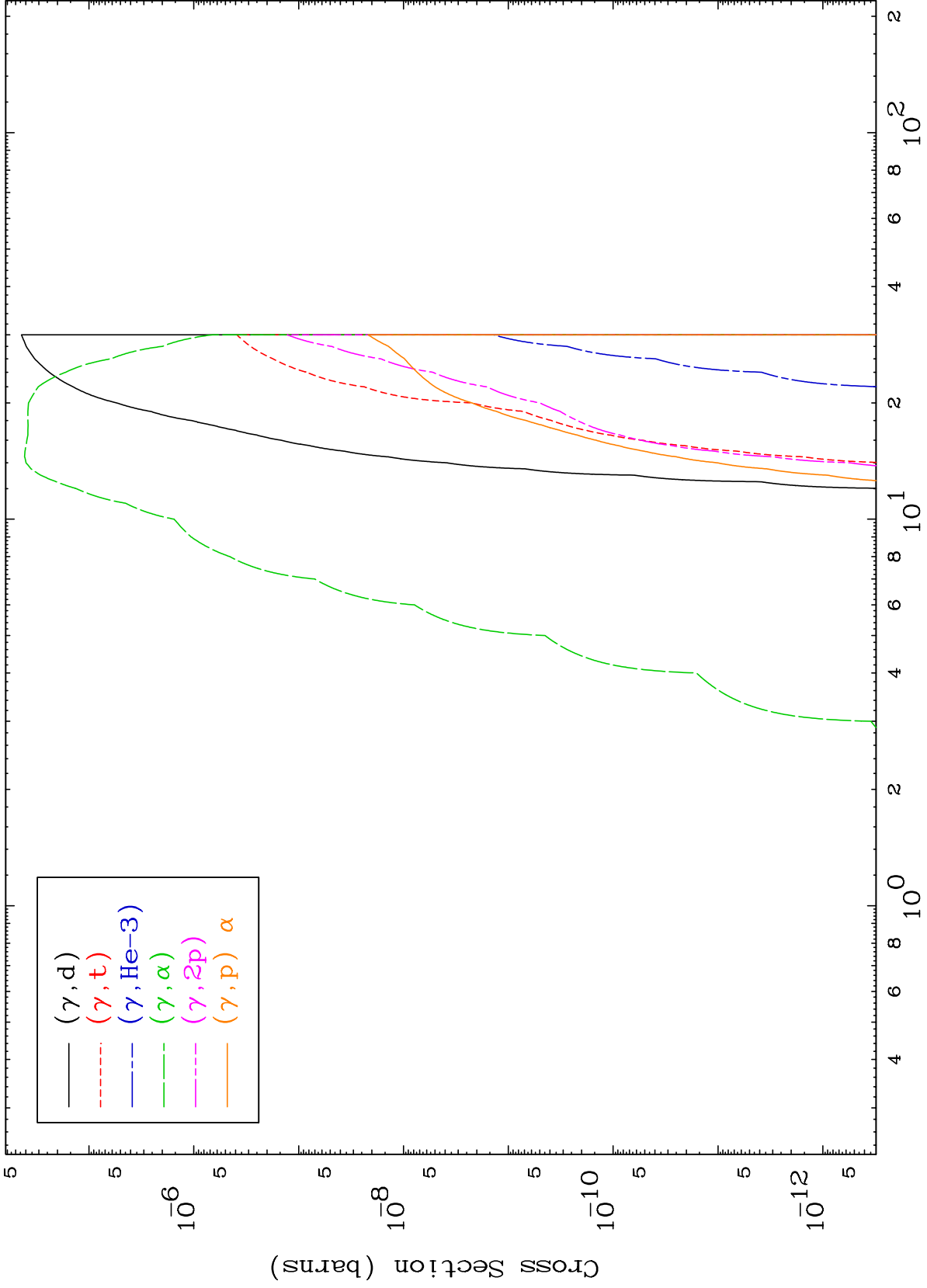
83-Bi-201



MAT 8302

Photon Charged Particle  
0 Kelvin Cross Sections

83-Bi-201

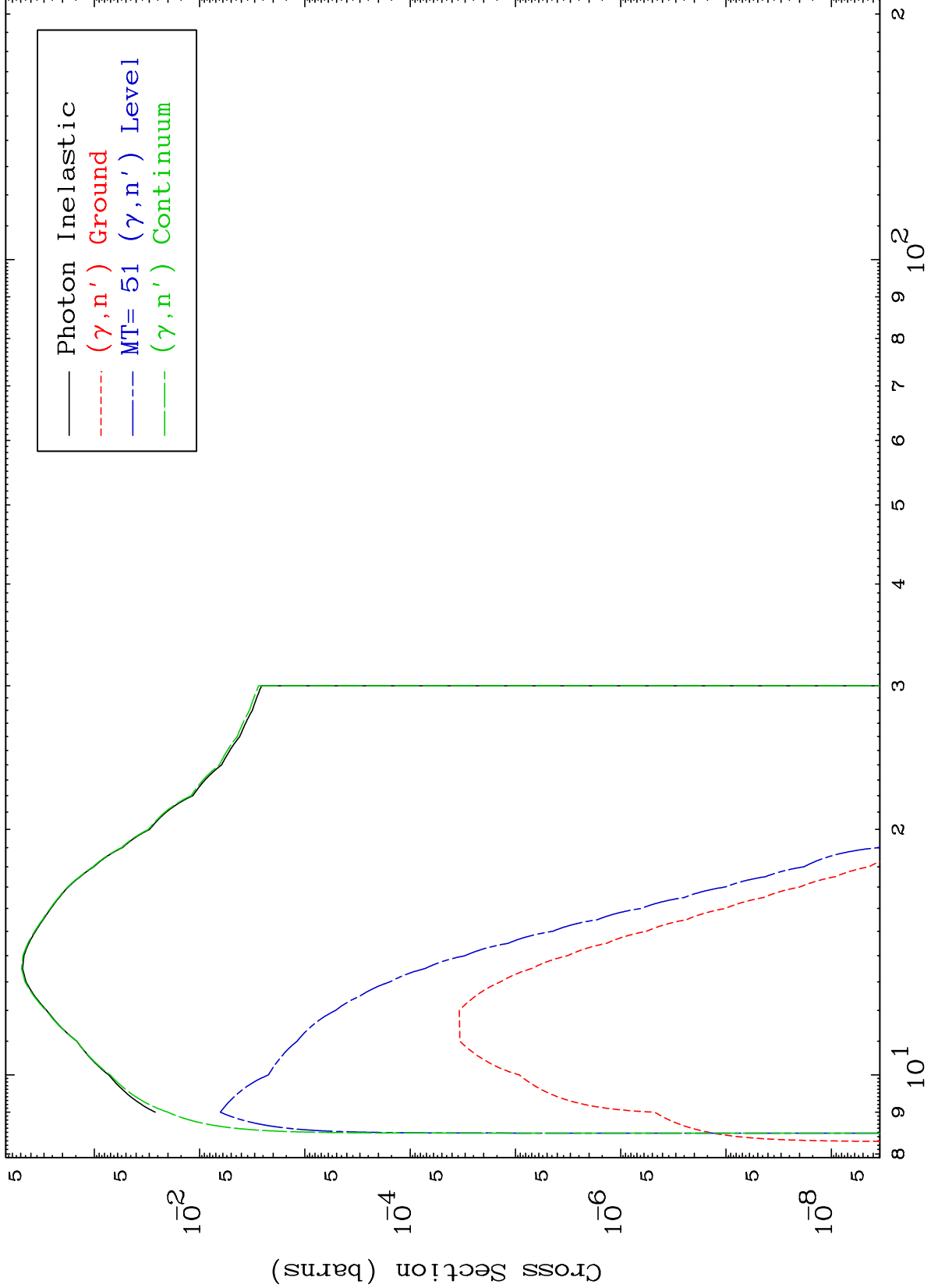


MAT 8302

$(\gamma, n')$  Level

83-Bi-201

0 Kelvin Cross Sections



Incident Energy (MeV)

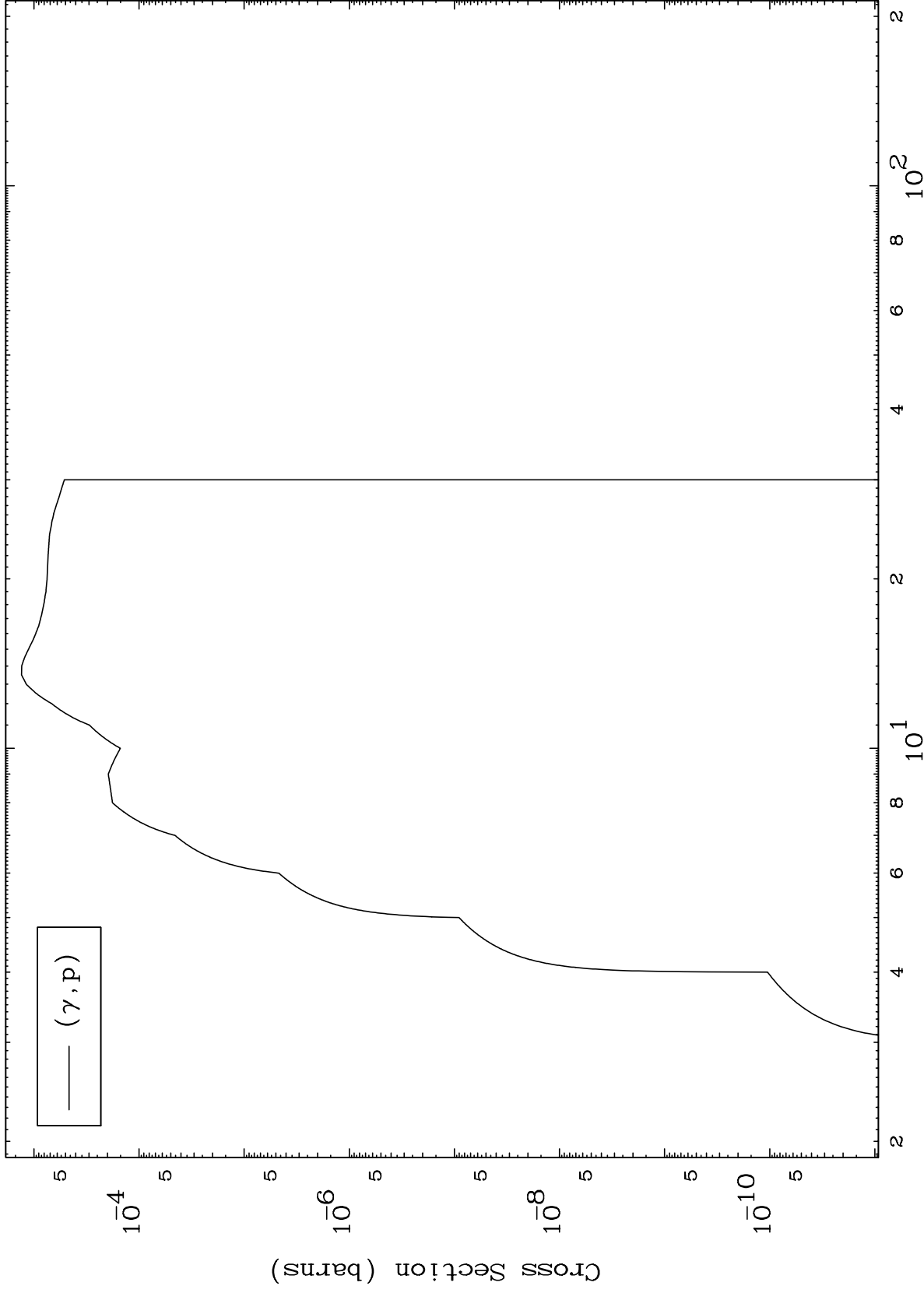
83-Bi-201

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MAT 8302

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

83-Bi-201



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Incident Energy (MeV)

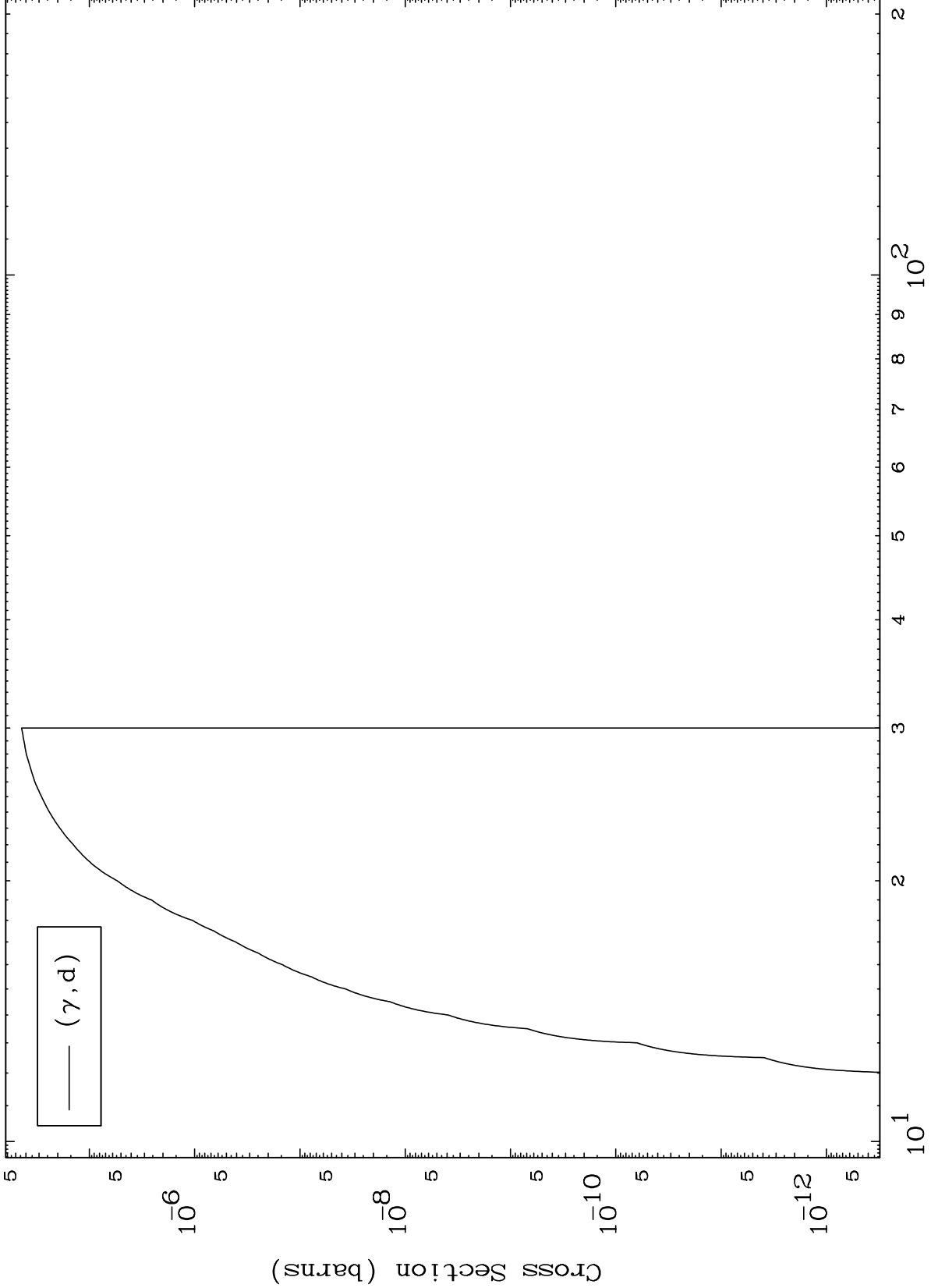
83-Bi-201

MAT 8302

( $\gamma, d$ ) Levels

83-Bi-201

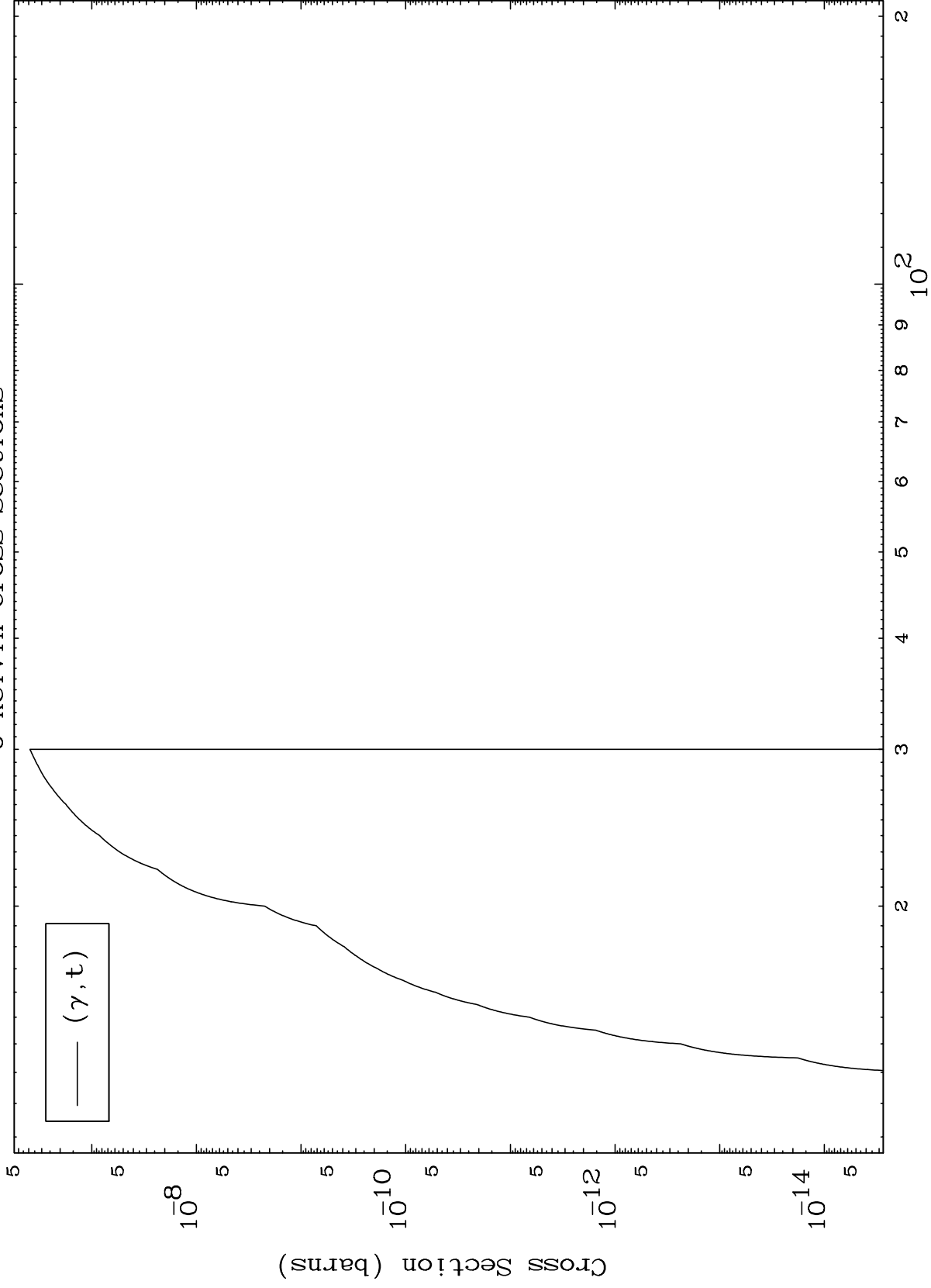
0 Kelvin Cross Sections



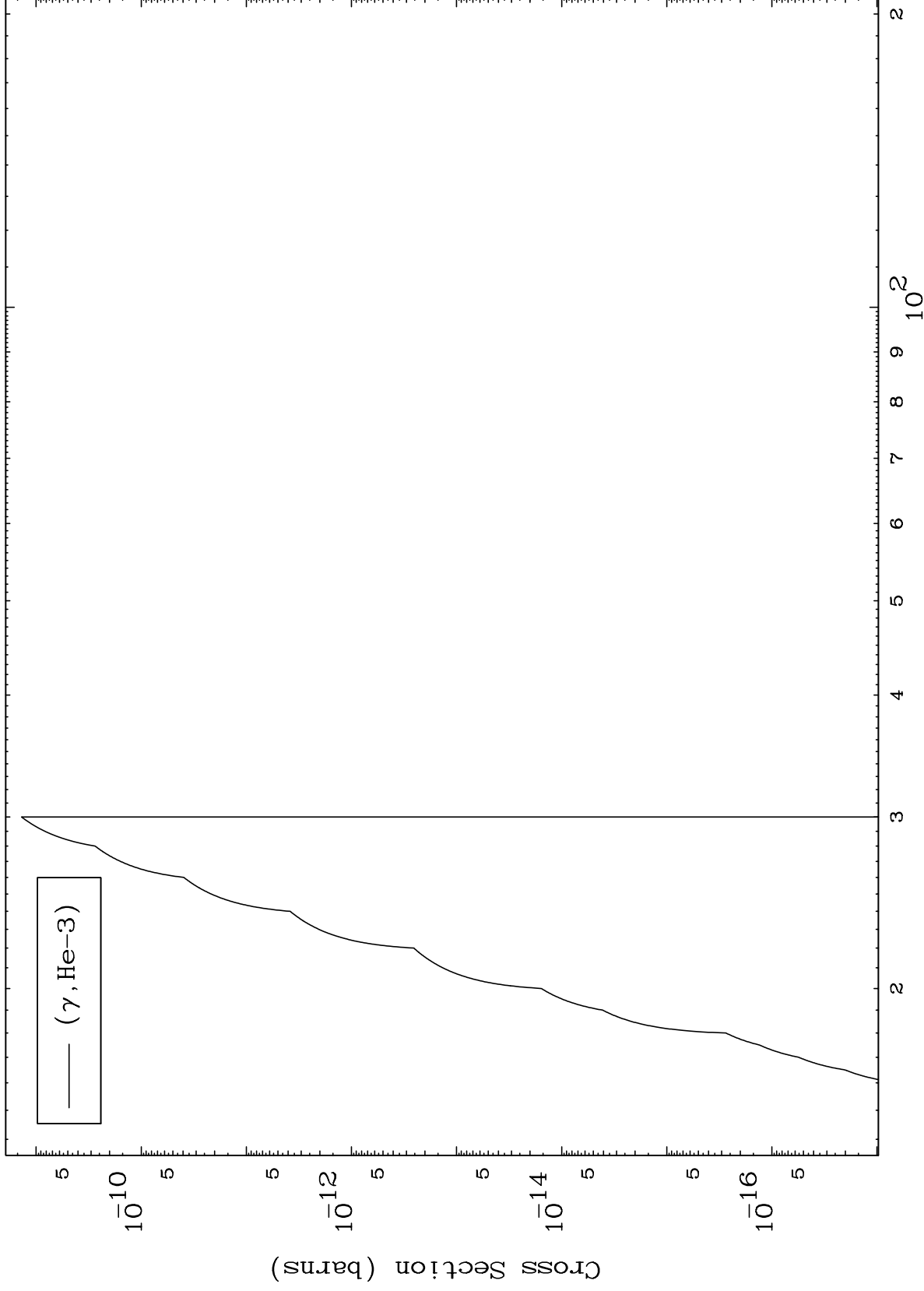
Incident Energy (MeV)

83-Bi-201





0 Kelvin Cross Sections

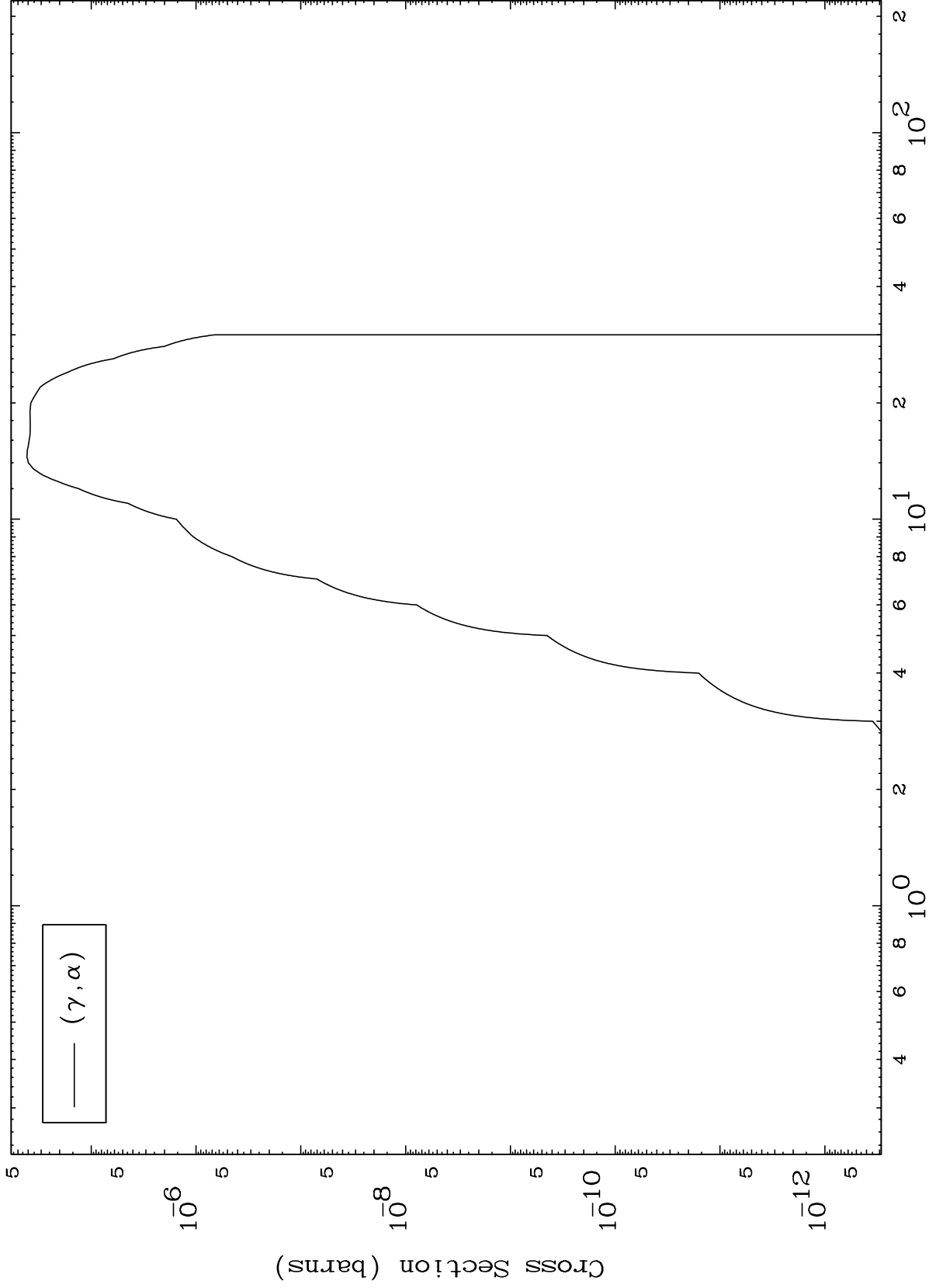


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( $\gamma, \alpha$ ) Levels

83-Bi-201

0 Kelvin Cross Sections



10

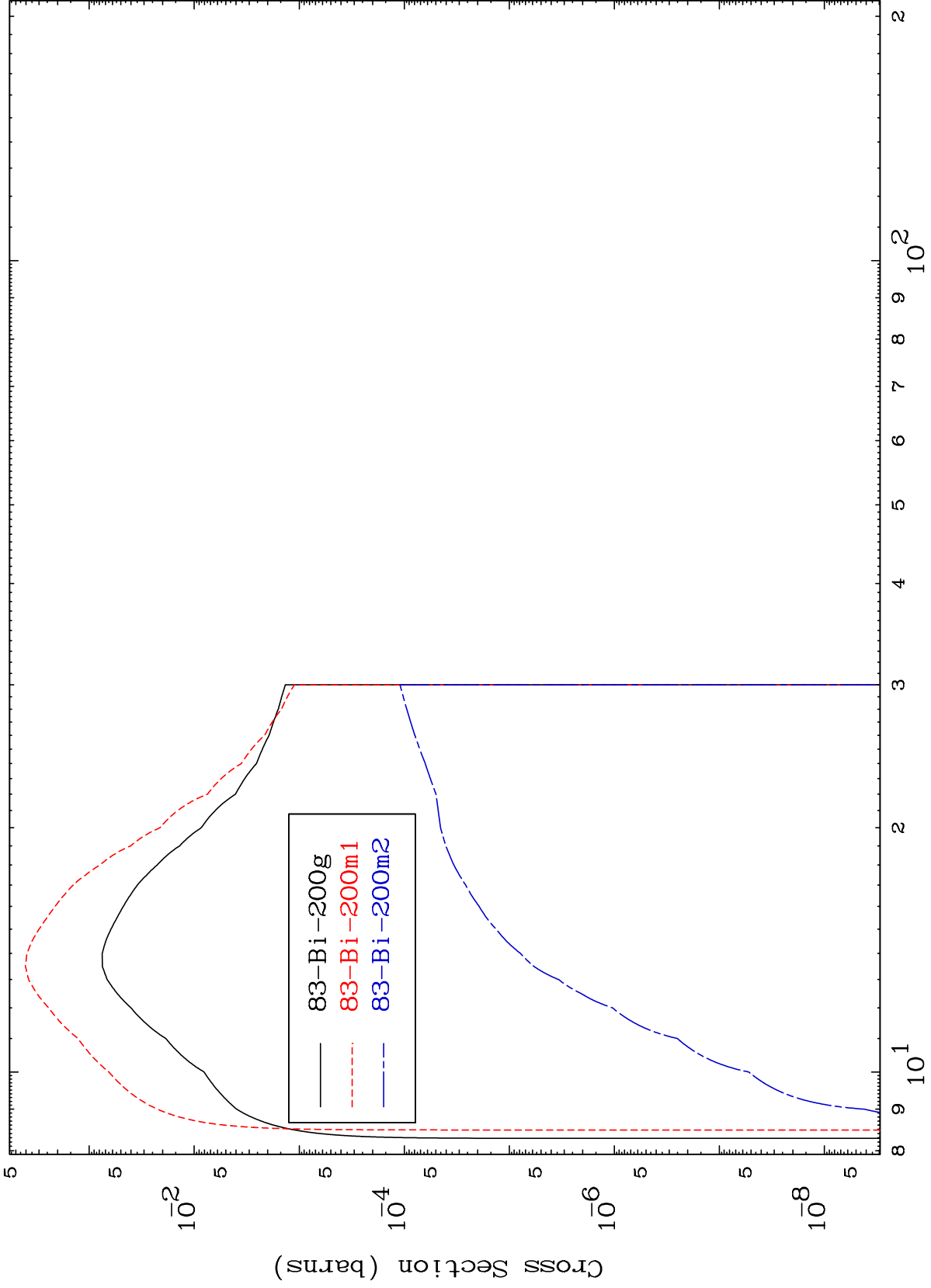
Incident Energy (MeV)

83-Bi-201

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Photon Inelastic  
Radionuclide Production Cross Section

83-Bi-201



11

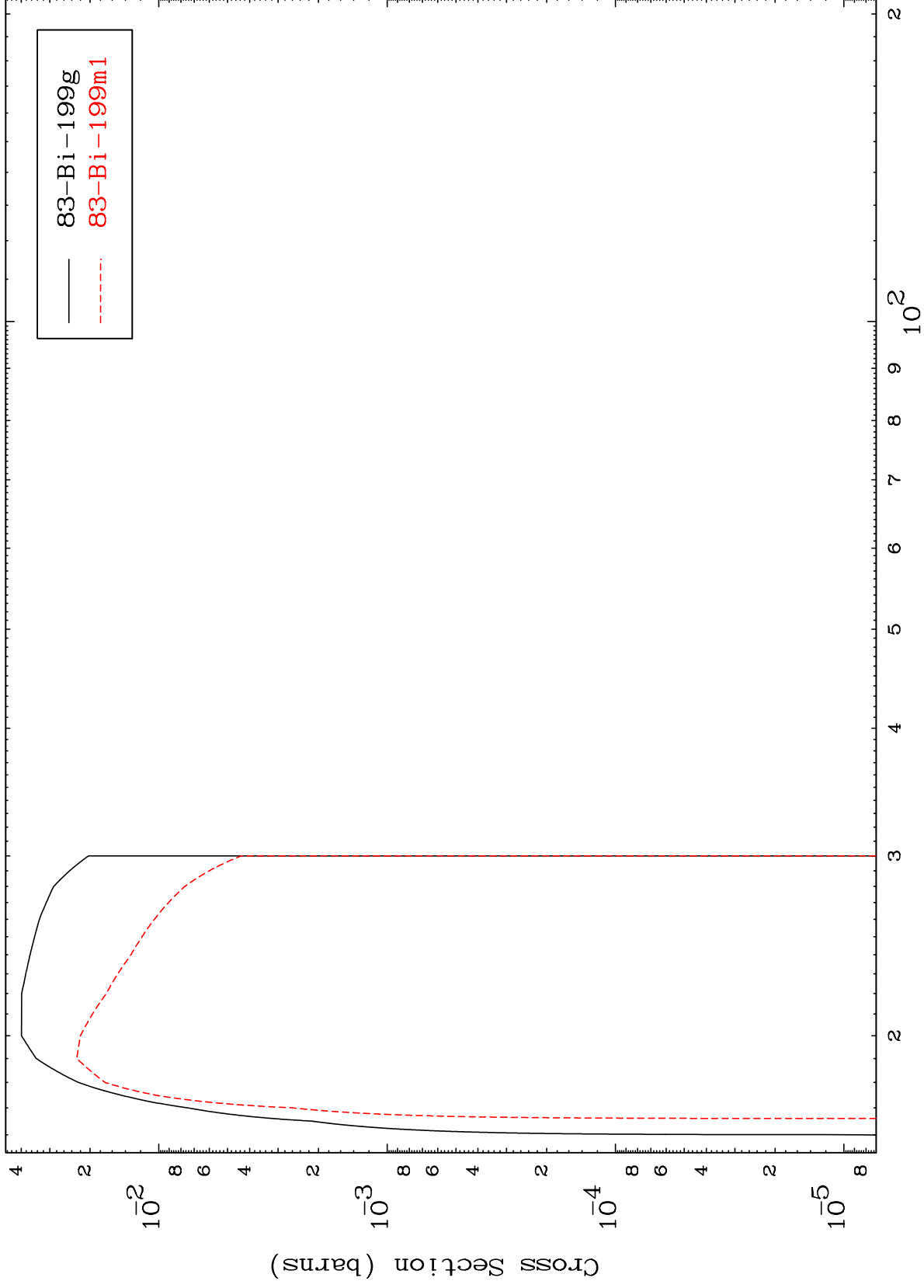
Incident Energy (MeV)

83-Bi-201

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83-Bi-201

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



12

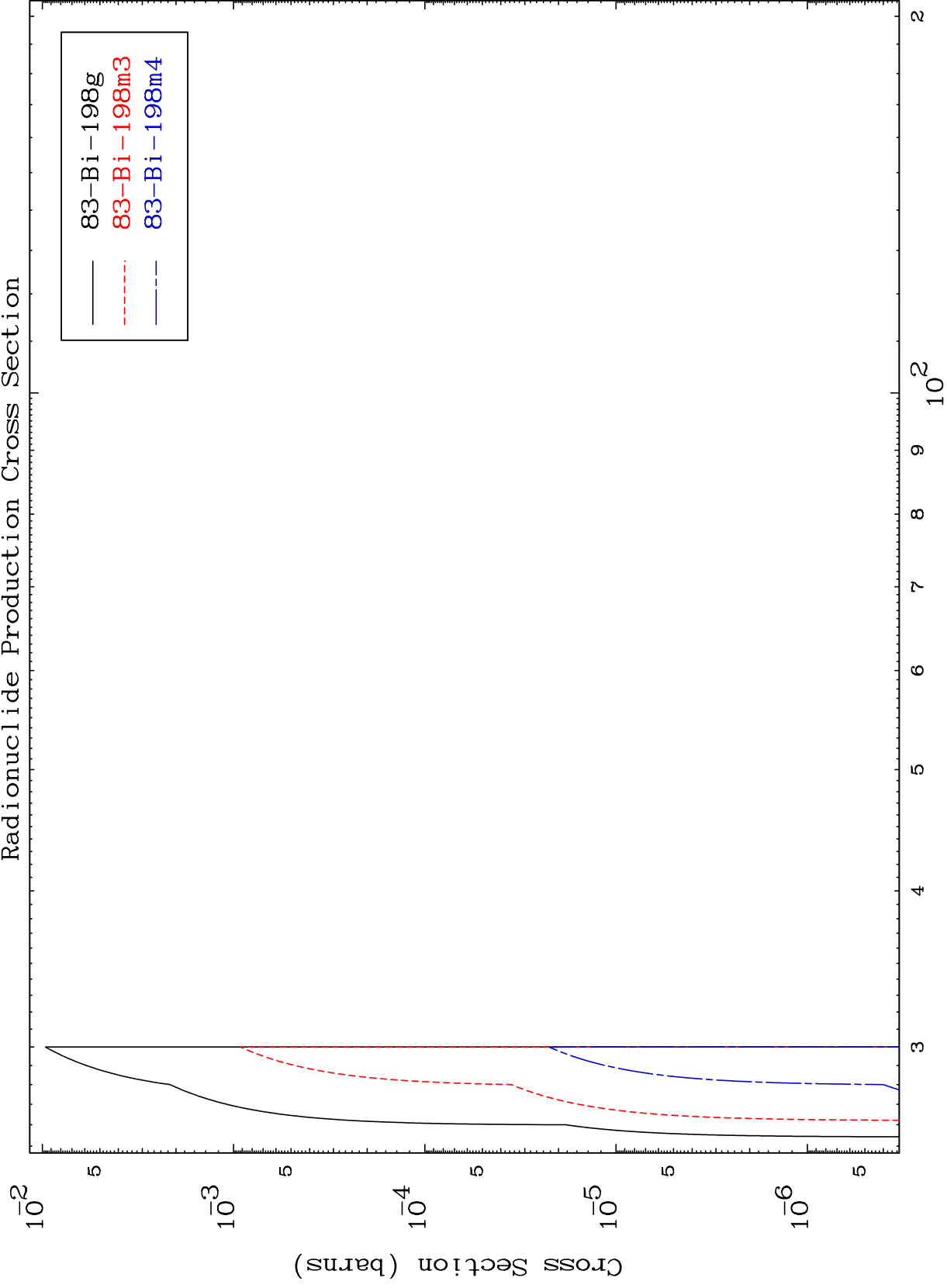
Incident Energy (MeV)

83-Bi-201

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83-Bi-201

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



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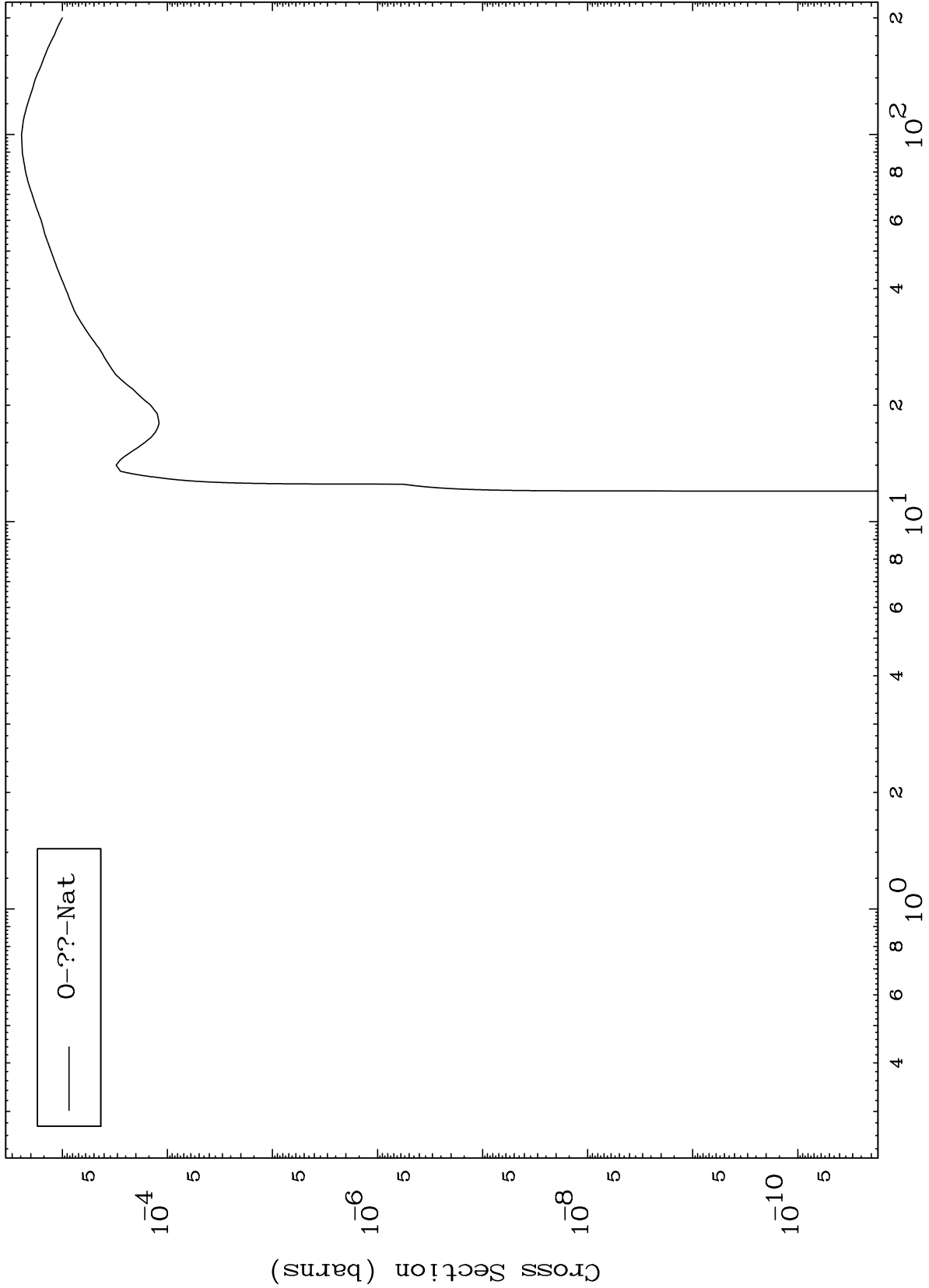
83-Bi-201

Incident Energy (MeV)

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83-Bi-201

Photon Fission  
Radionuclide Production Cross Section

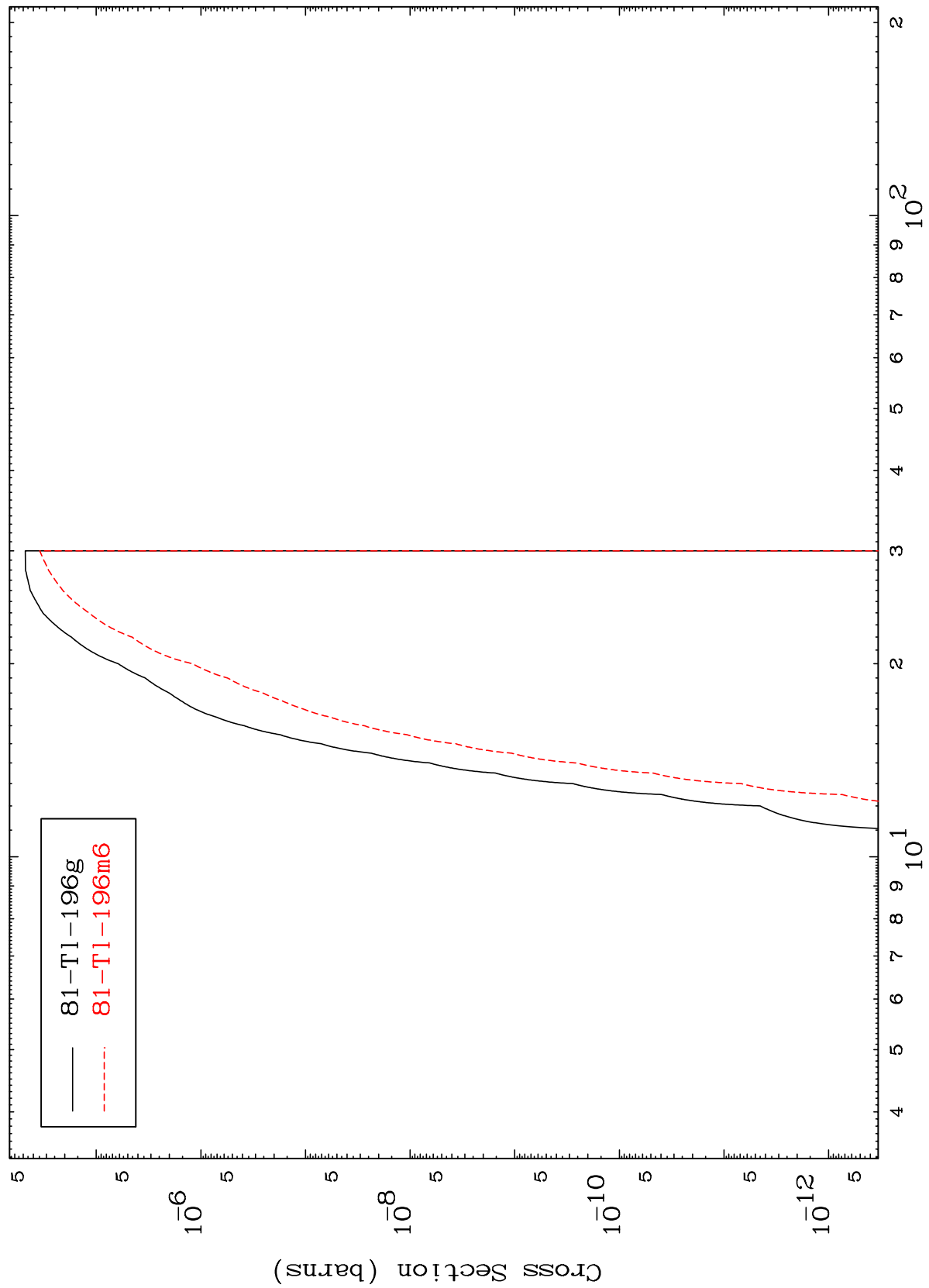


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$(\gamma, n')$   $\alpha$

83-Bi-201

Radionuclide Production Cross Section



81-Tl-196g  
81-Tl-196m6

15

Incident Energy (MeV)

83-Bi-201

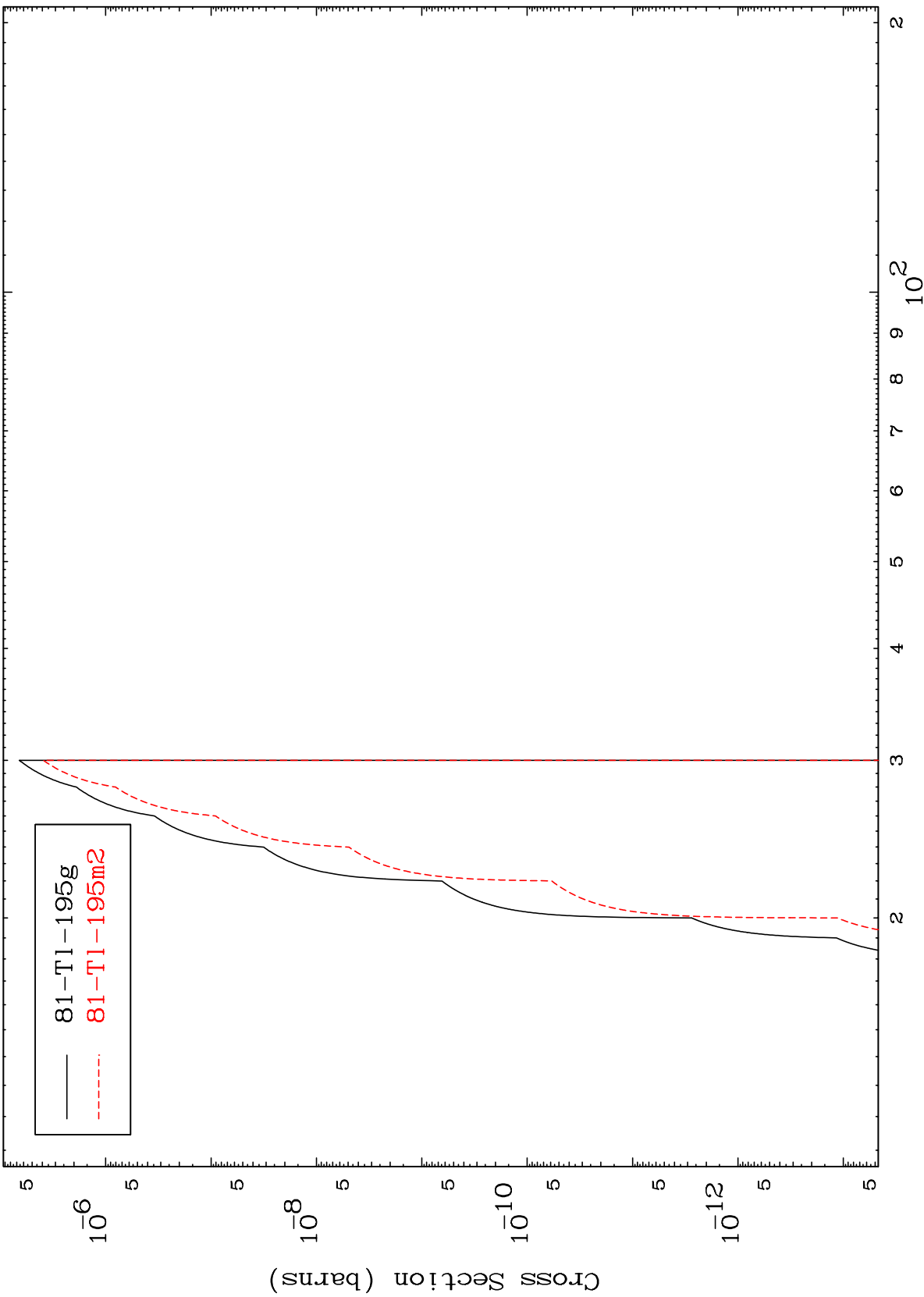


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$(\gamma, 2n) \alpha$

83-Bi-201

Radionuclide Production Cross Section

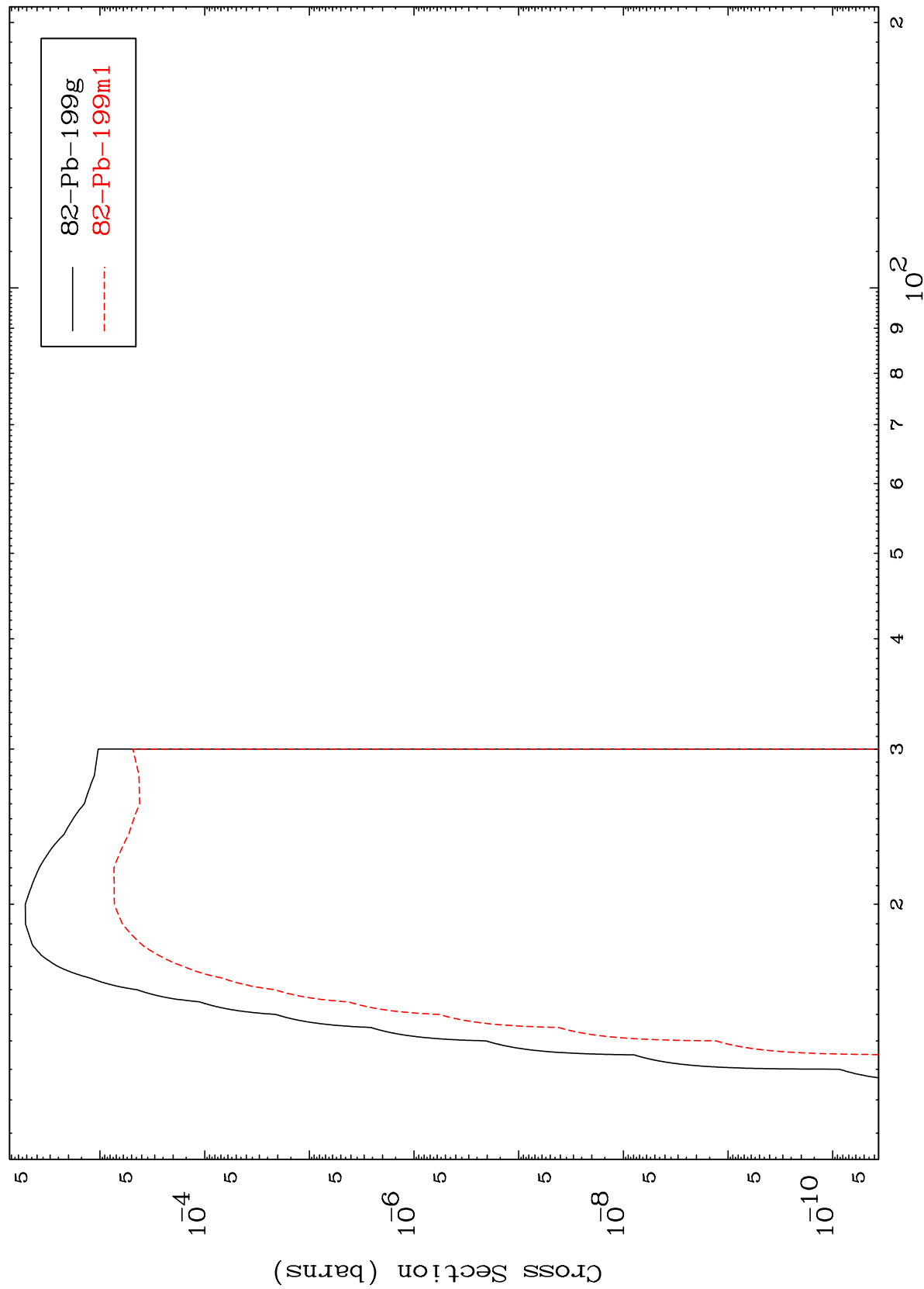


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$(\gamma, n')$  p

83-Bi-201

Radionuclide Production Cross Section



17

Incident Energy (MeV)

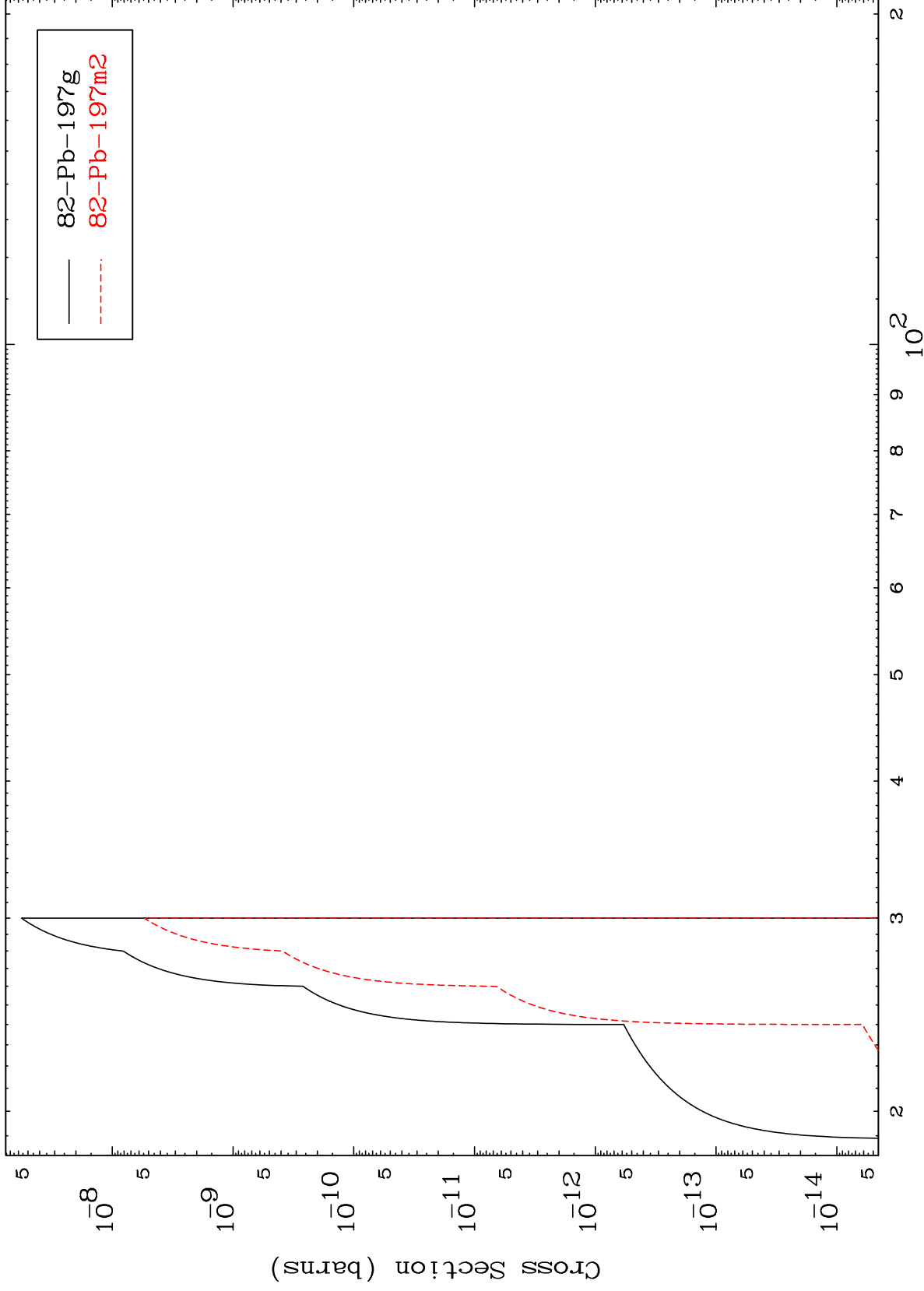
83-Bi-201

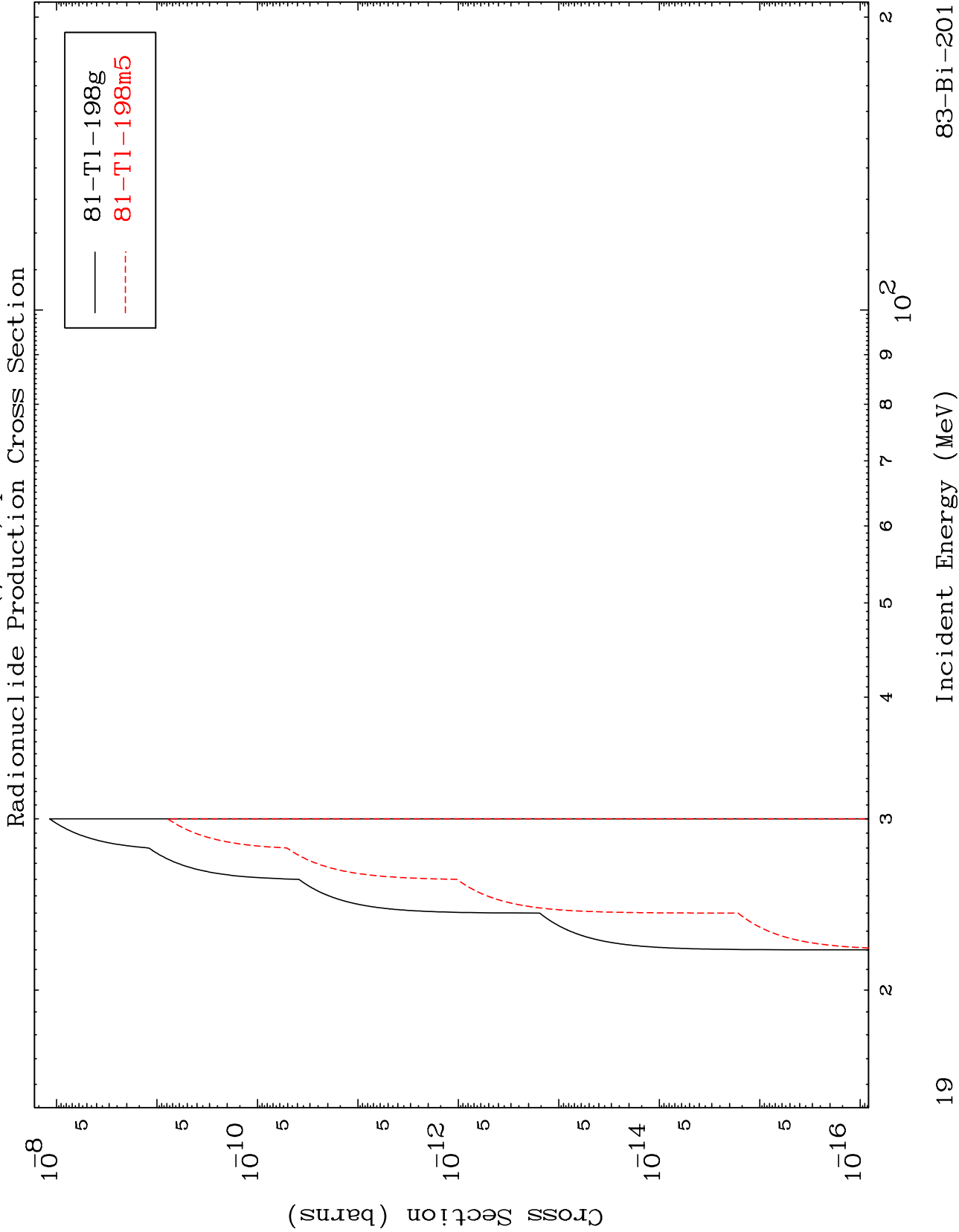
MAT 8302

( $\gamma, n'$ ) t

83-Bi-201

Radionuclide Production Cross Section

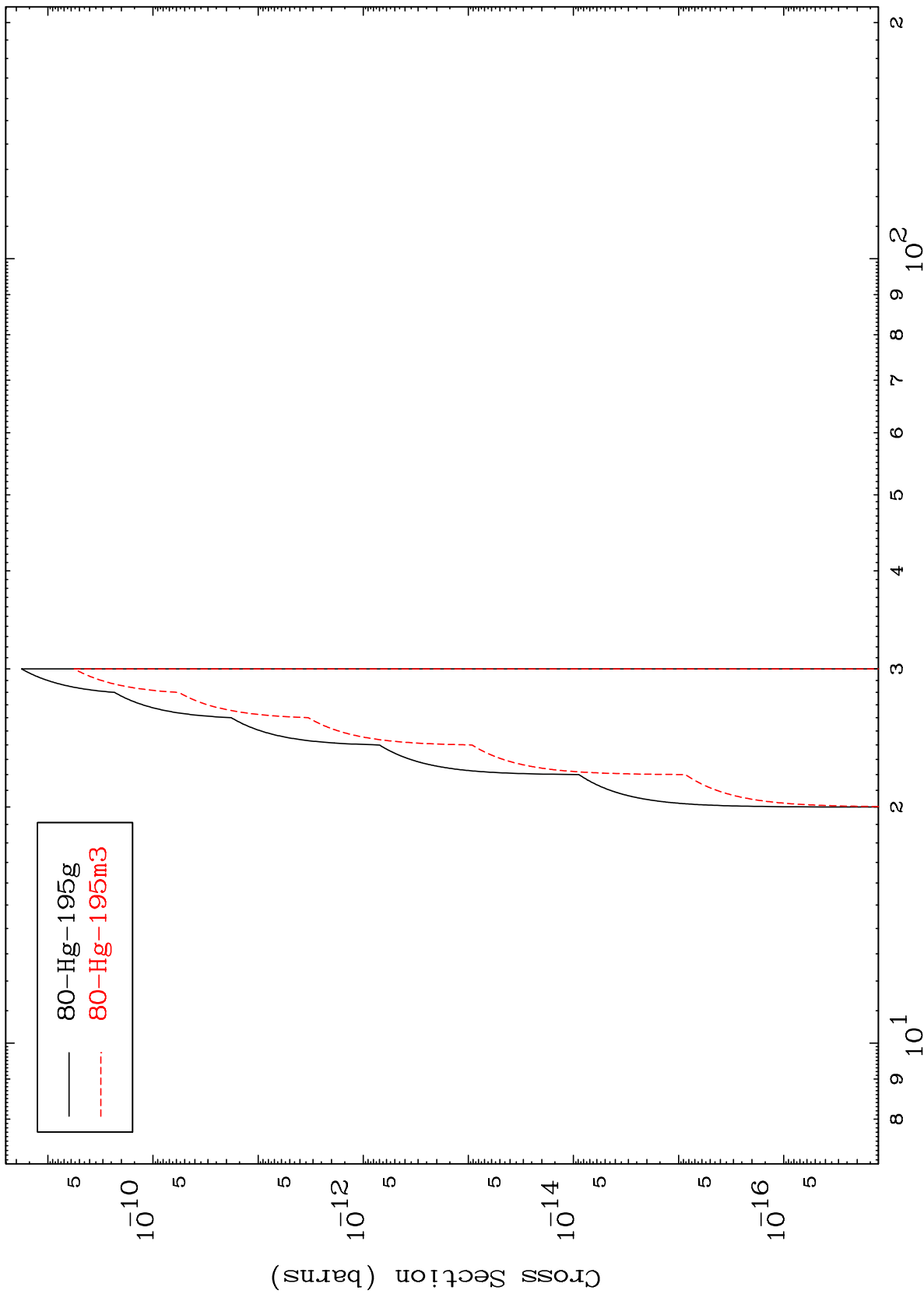




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83-Bi-201

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



20

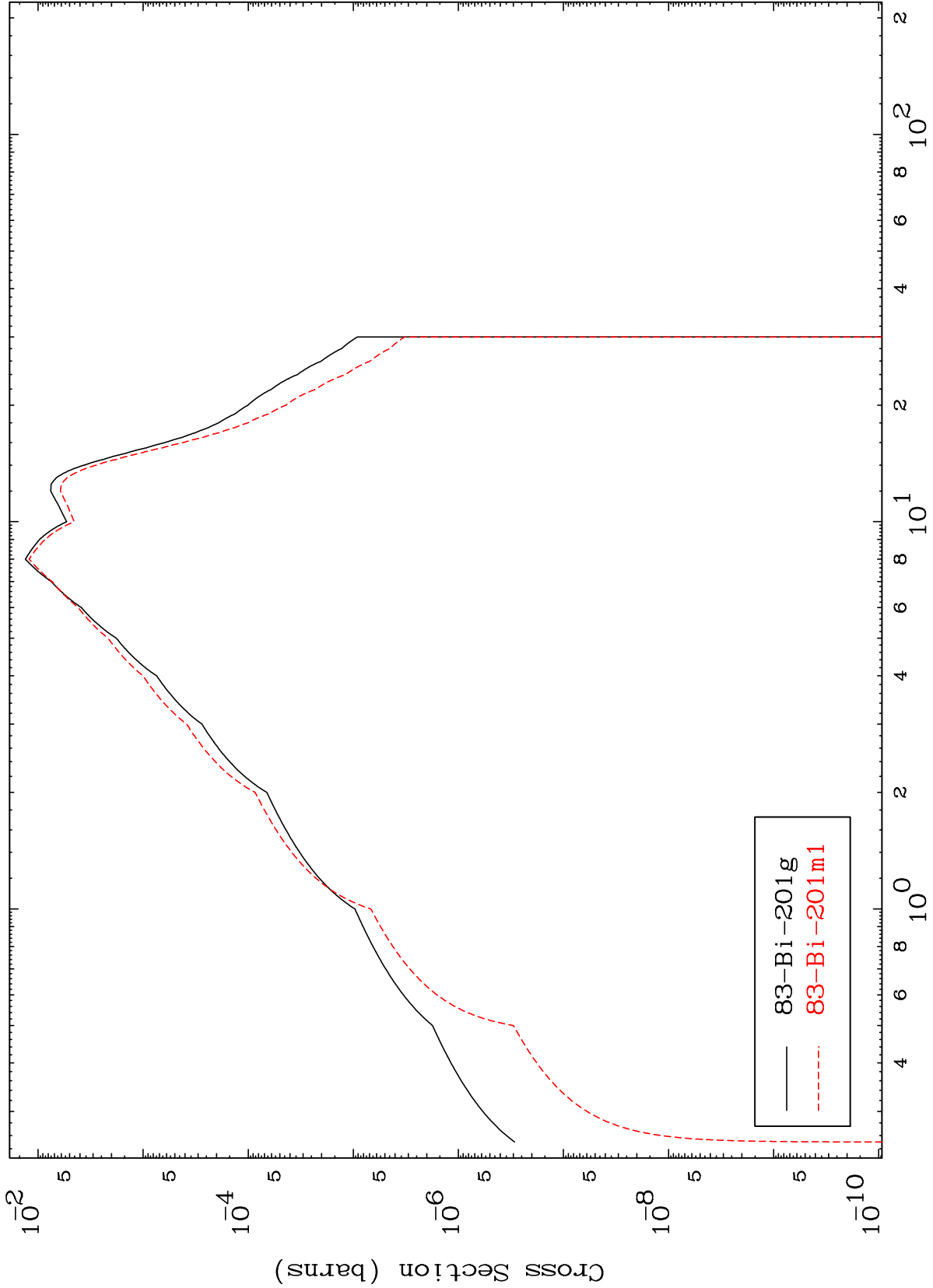
Incident Energy (MeV)

83-Bi-201

MAT 8302

83-Bi-201

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

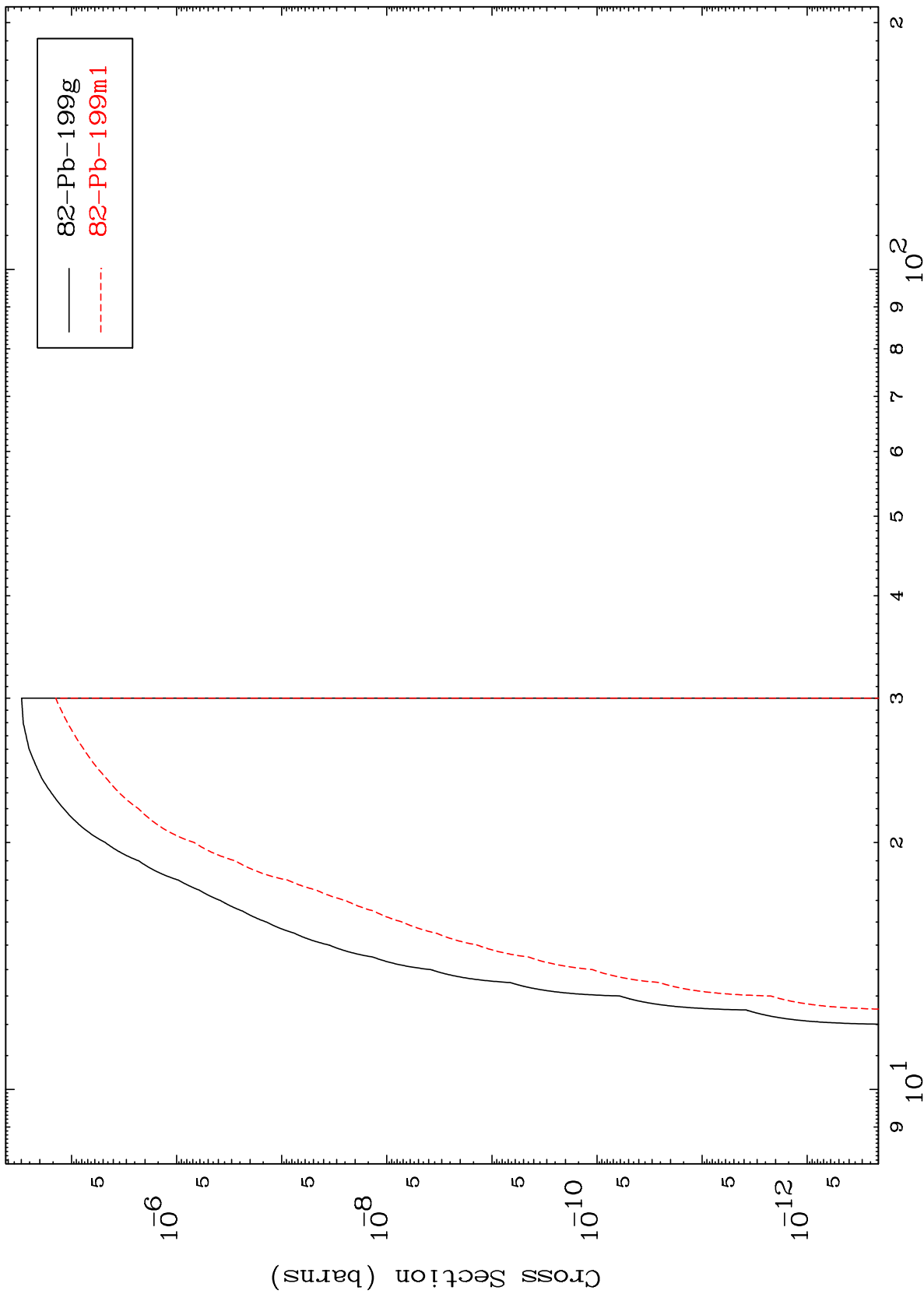


— 83-Bi-201g  
- - - 83-Bi-201m1

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83-Bi-201

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



22

Incident Energy (MeV)

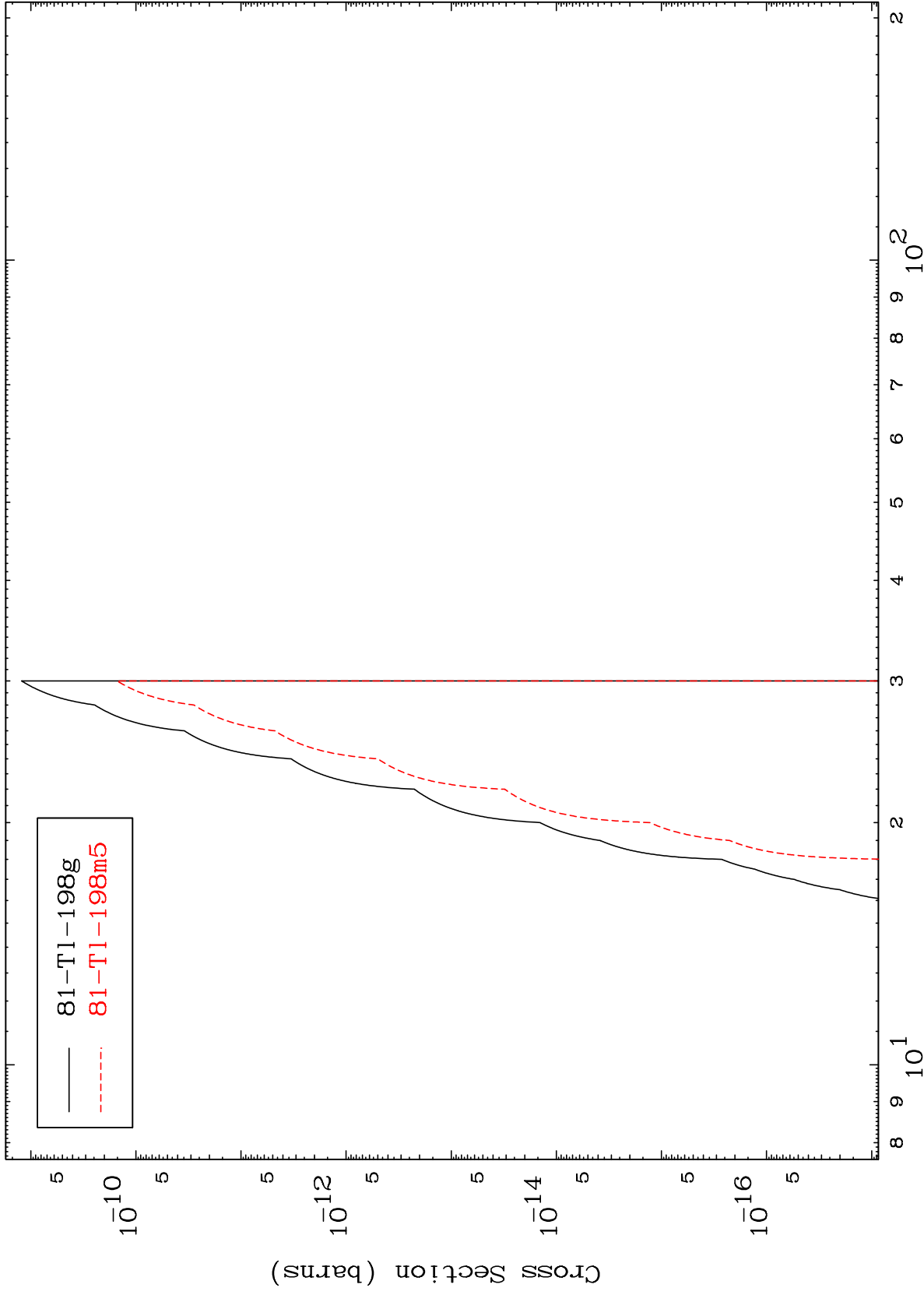
83-Bi-201

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( $\gamma, \text{He-3}$ )

83-Bi-201

Radionuclide Production Cross Section



23

Incident Energy (MeV)

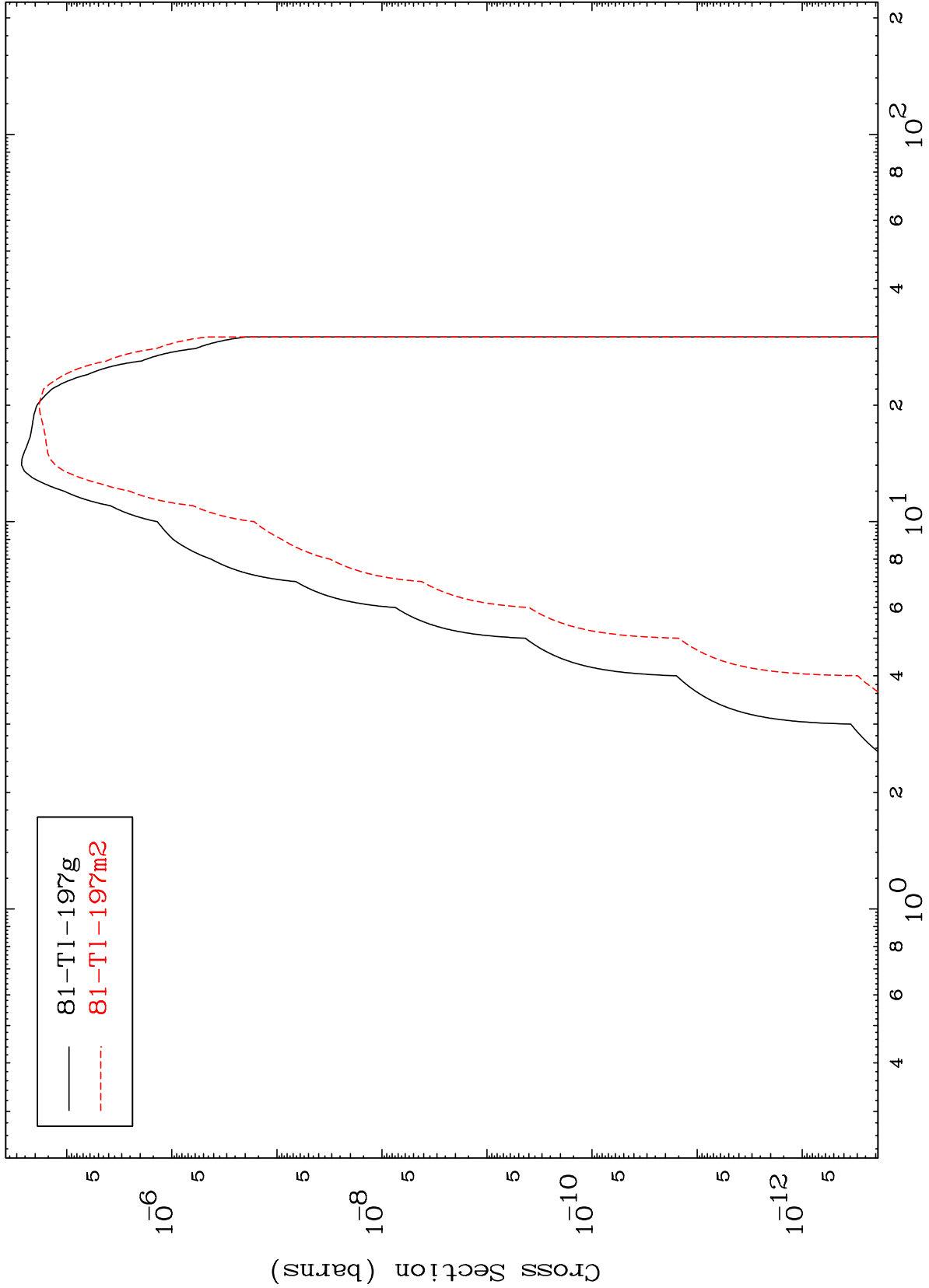
83-Bi-201



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83-Bi-201

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



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83-Bi-201