

Program EVALPLOT  
(Version 2018-1)

by

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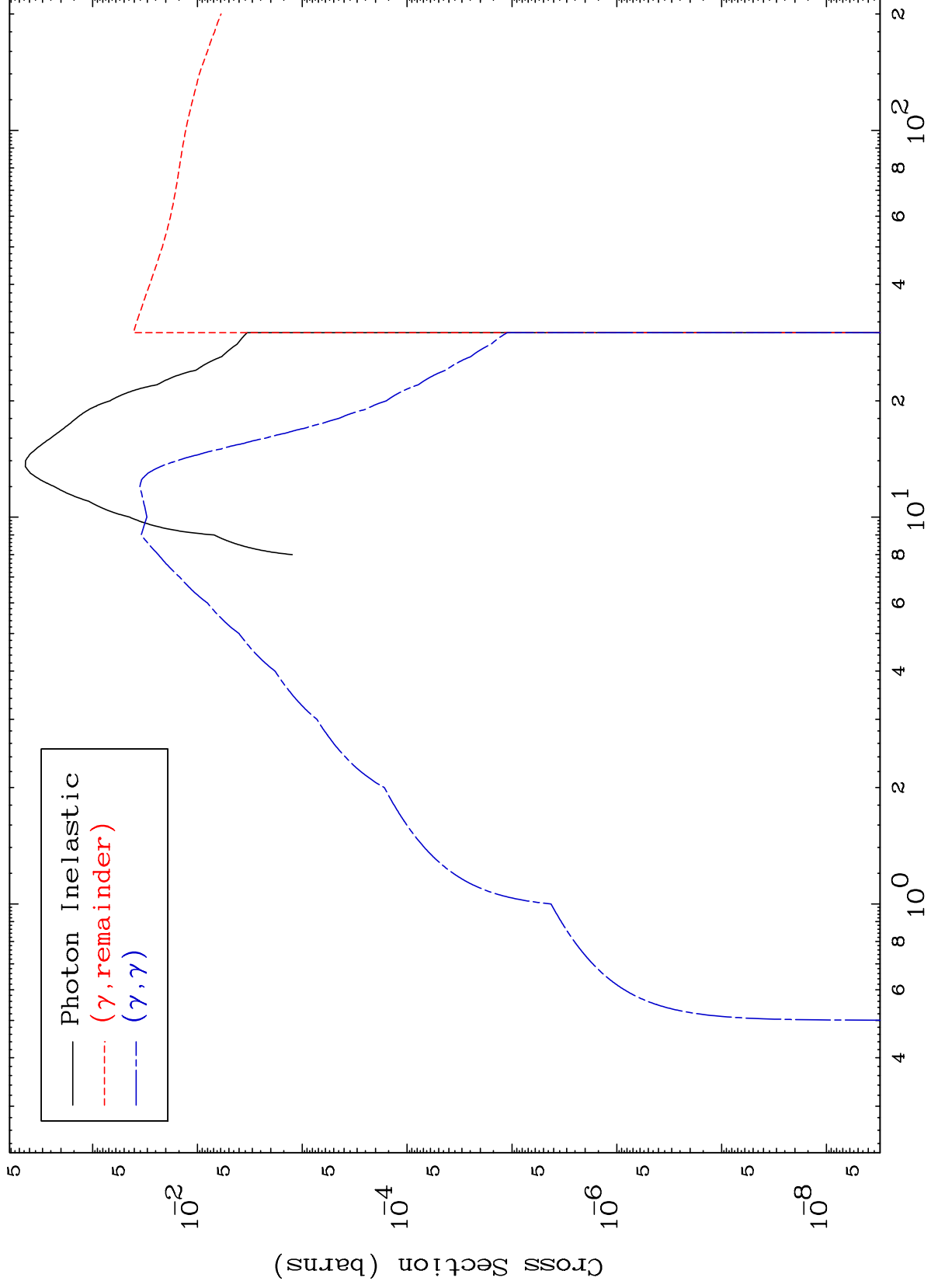
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8298

Photon Major  
0 Kelvin Cross Sections

83-Bi-200

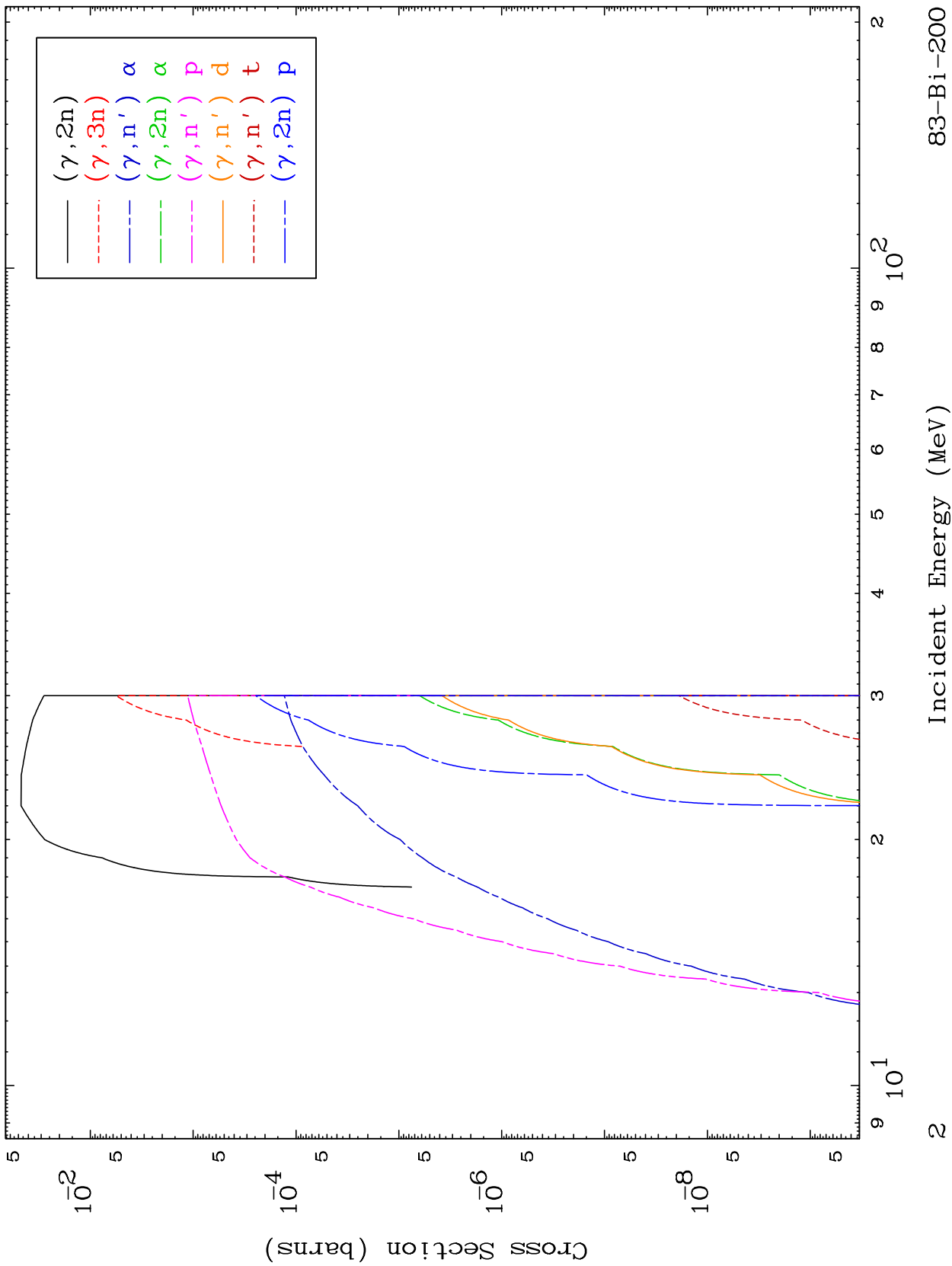


— Photon Inelastic  
- - -  $(\gamma, \text{remainder})$   
- - -  $(\gamma, \gamma)$

MAT 8298

Photon Neutron Production  
0 Kelvin Cross Sections

83-Bi-200



83-Bi-200

Incident Energy (MeV)

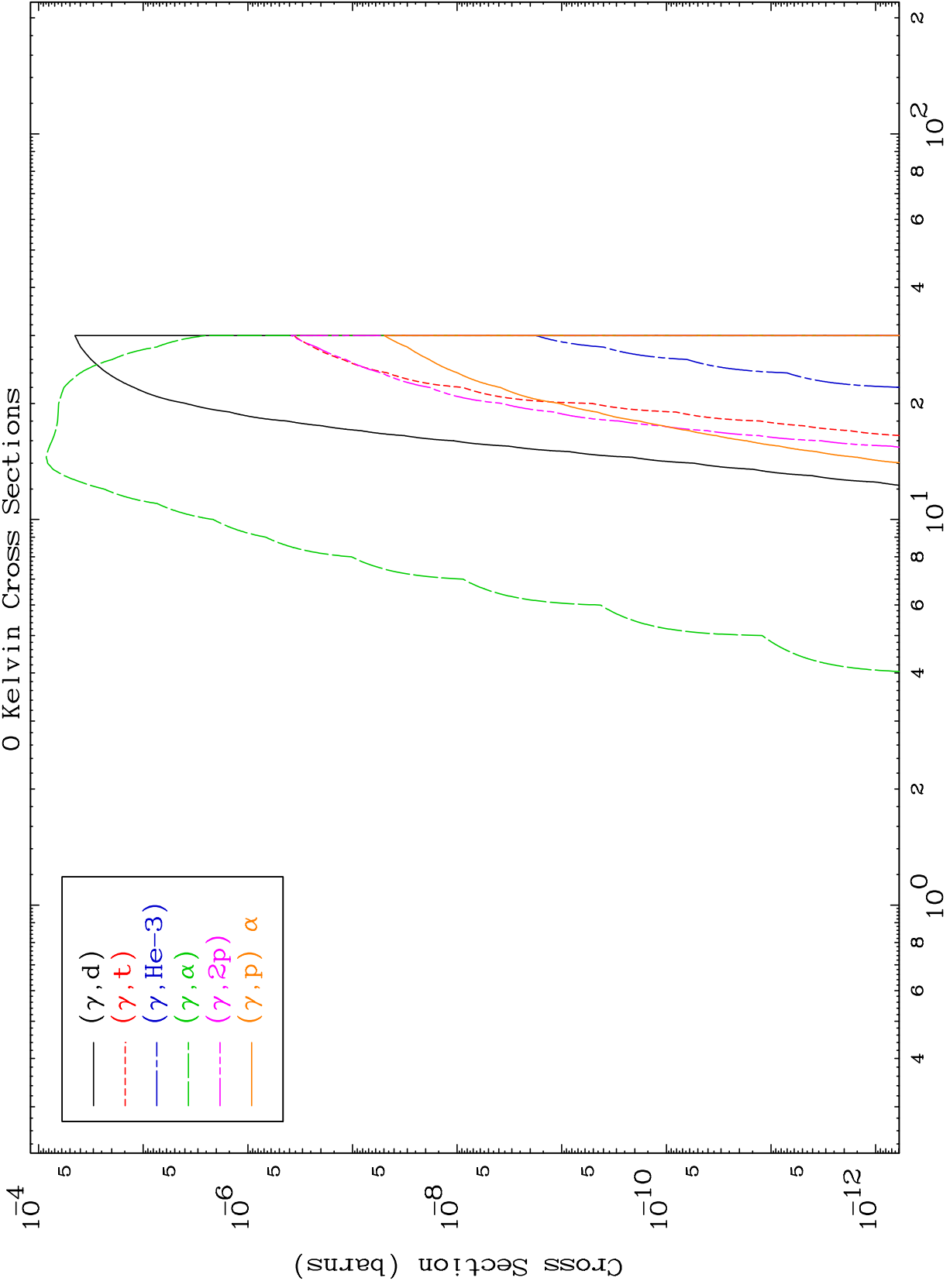
2



MAT 8298

Photon Charged Particle  
0 Kelvin Cross Sections

83-Bi-200

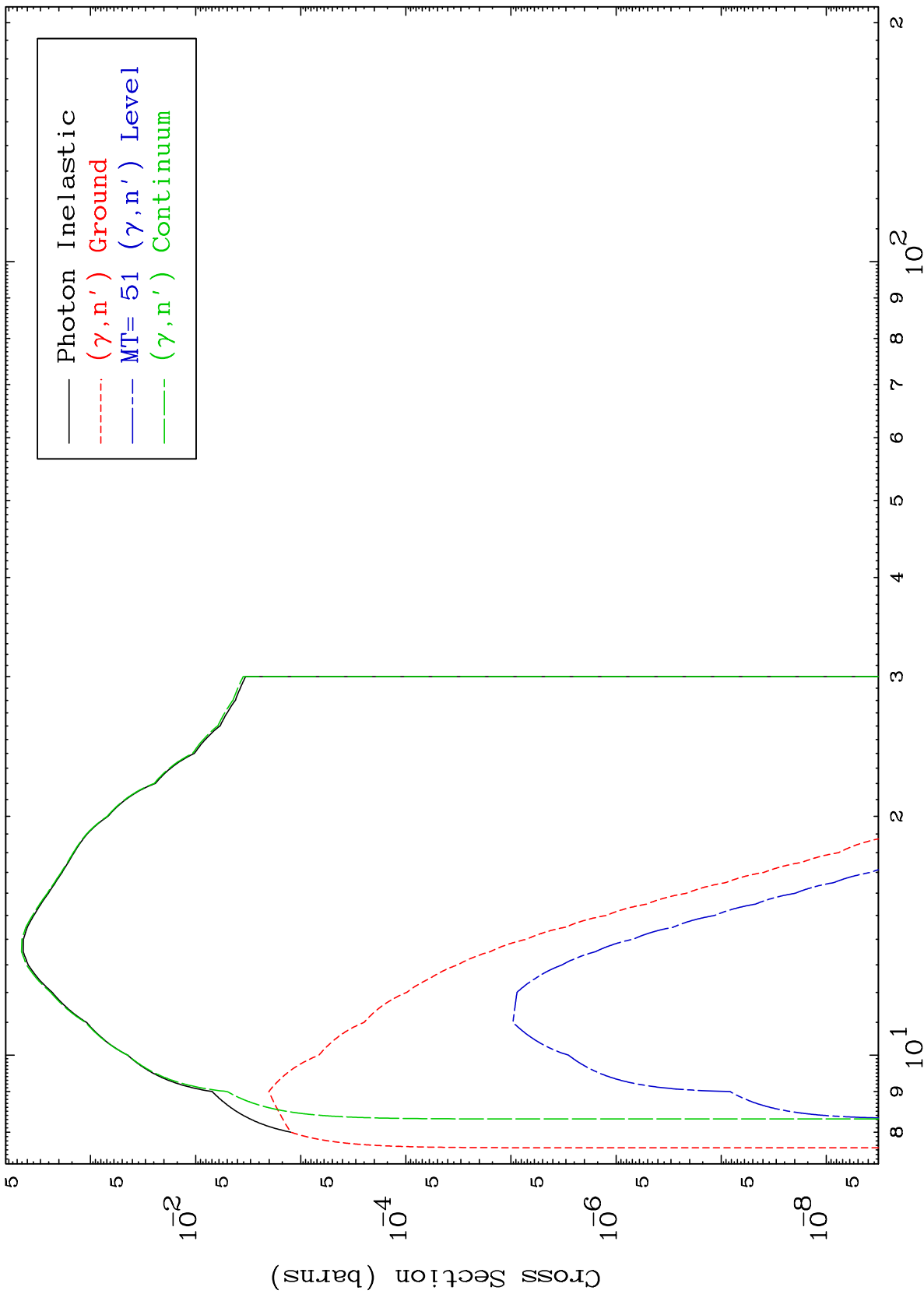


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$(\gamma, n')$  Level

83-Bi-200

0 Kelvin Cross Sections



Incident Energy (MeV)

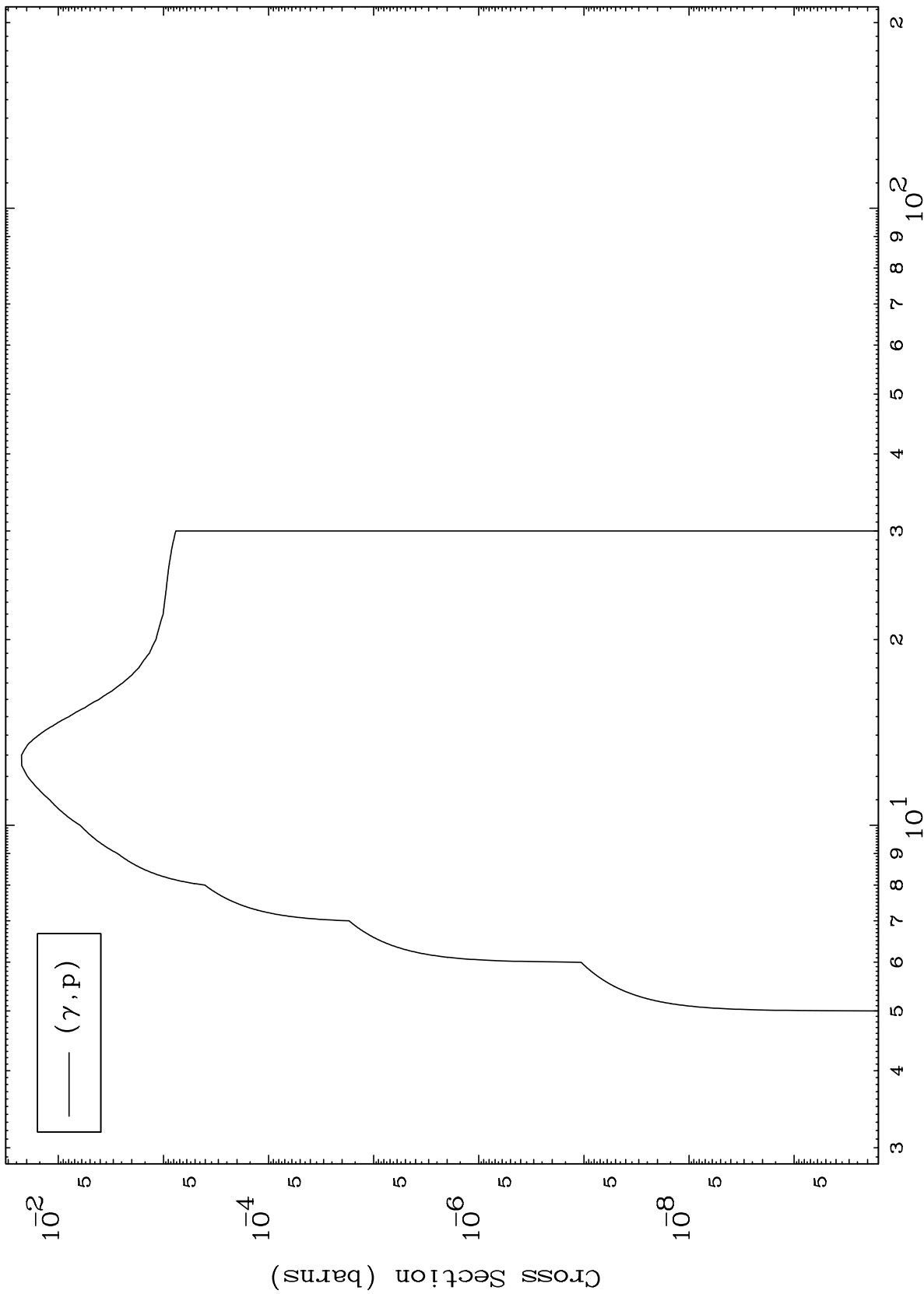
83-Bi-200

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83-Bi-200

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



( $\gamma, p$ )

83-Bi-200

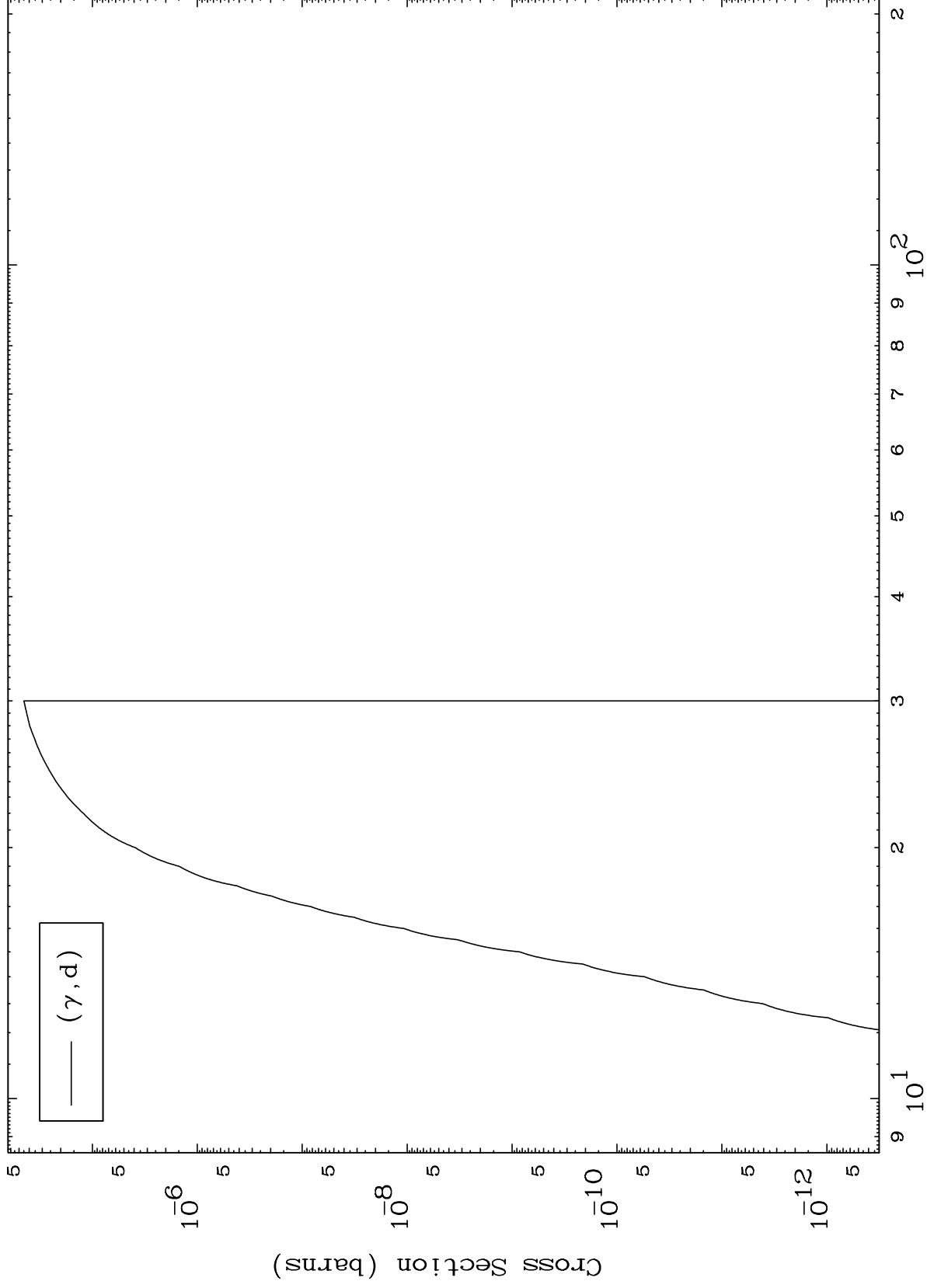
Incident Energy (MeV)

6

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

83-Bi-200



Incident Energy (MeV)

83-Bi-200

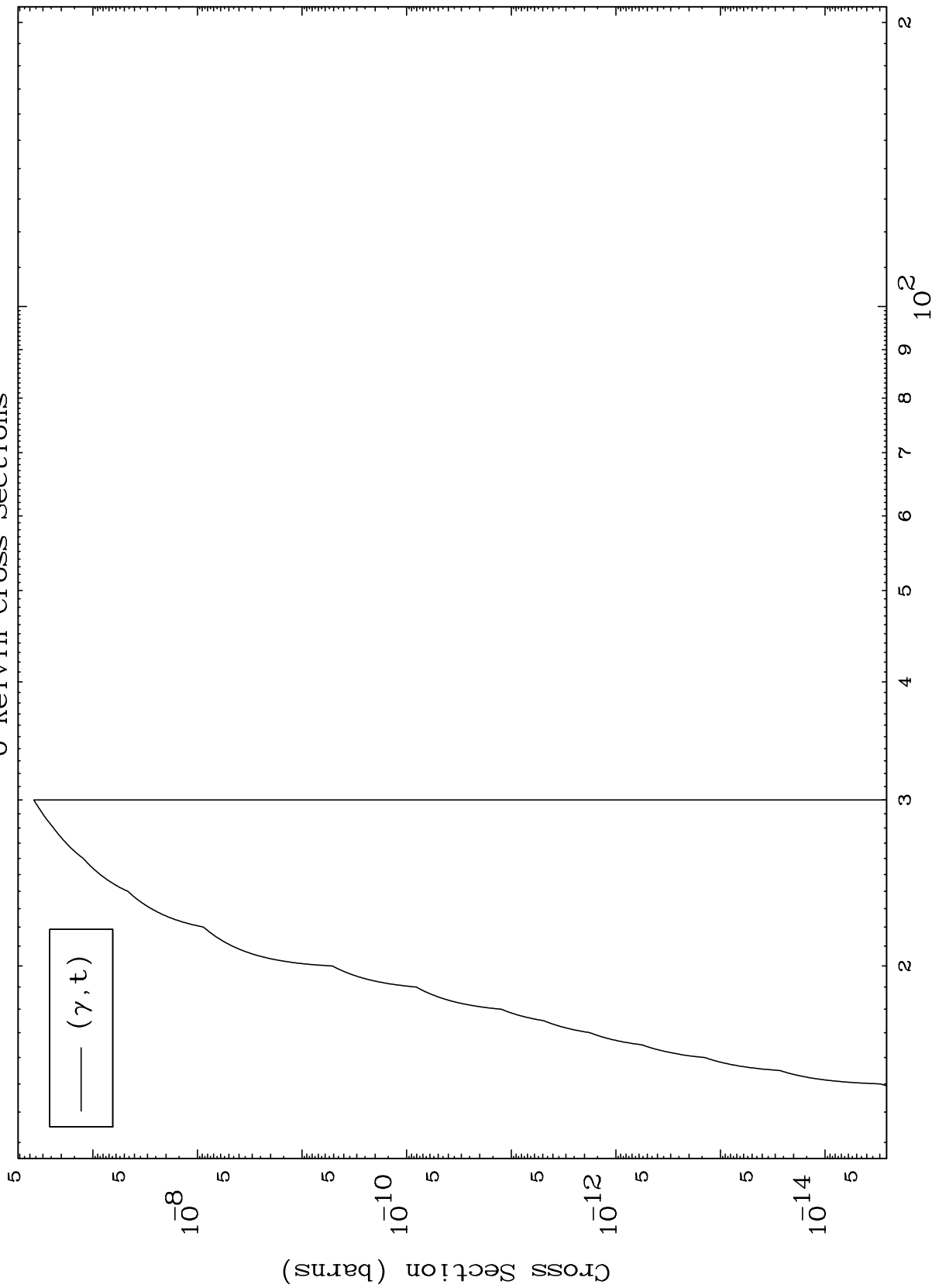
7



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83-Bi-200

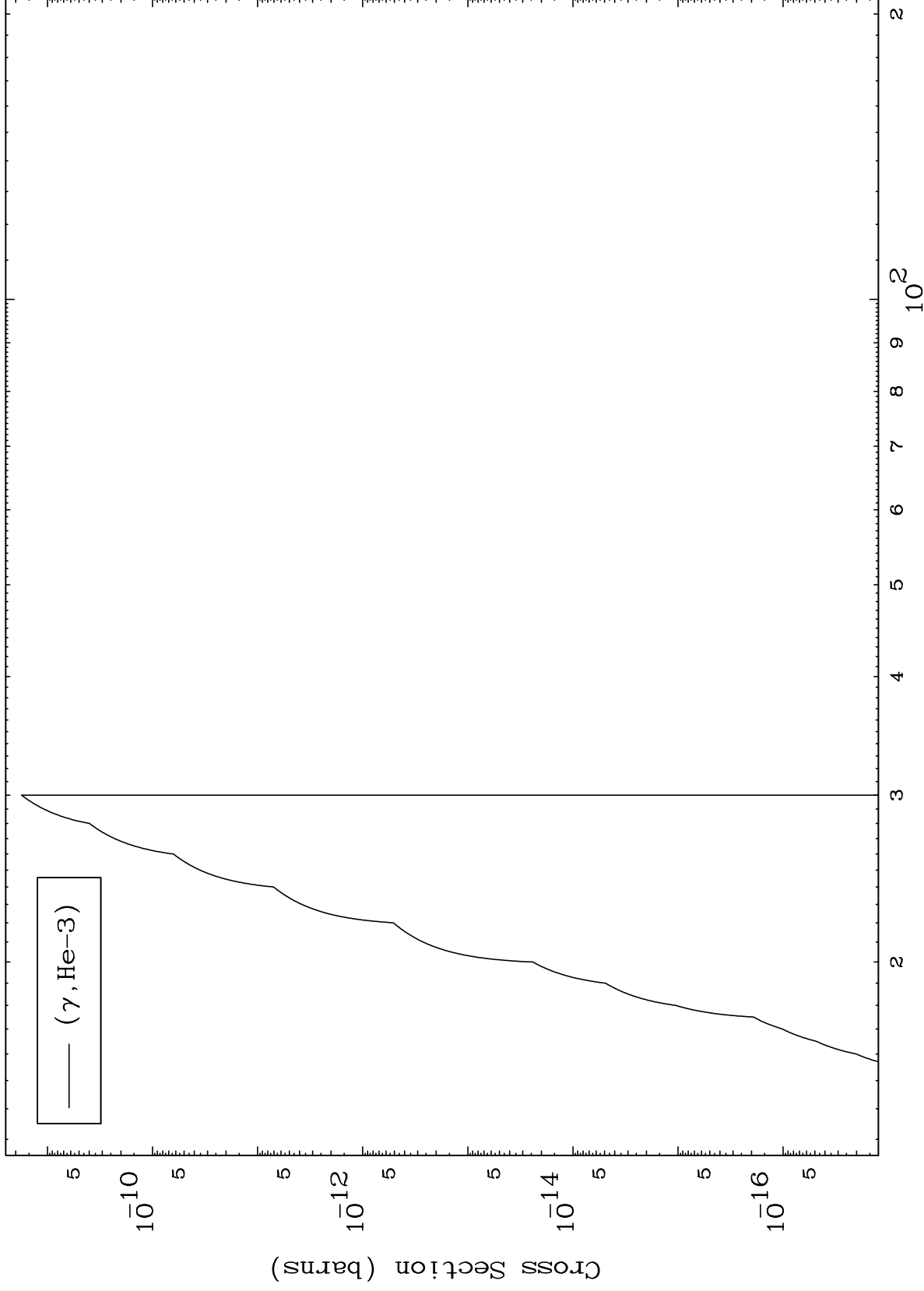
( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections



83-Bi-200

Incident Energy (MeV)

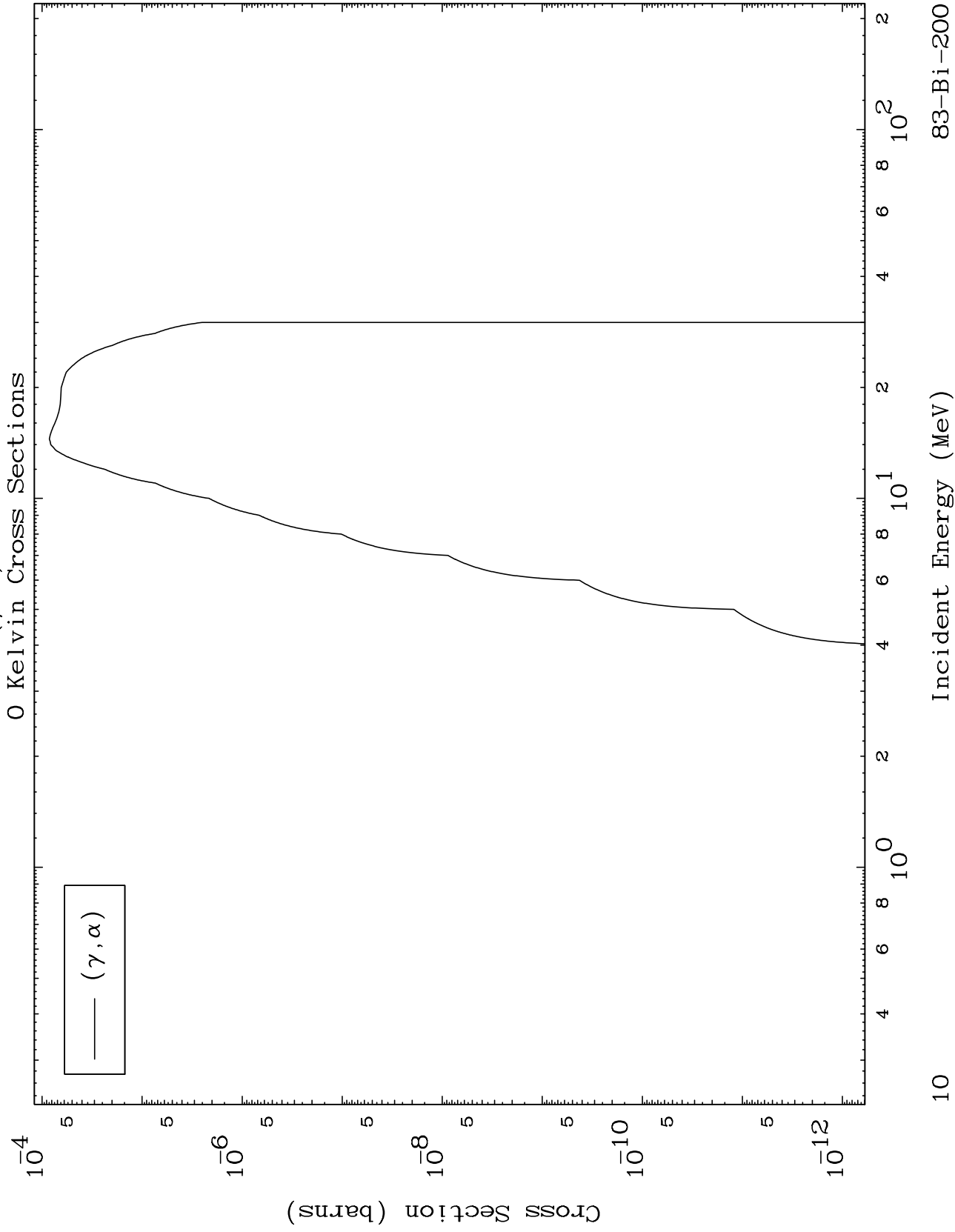
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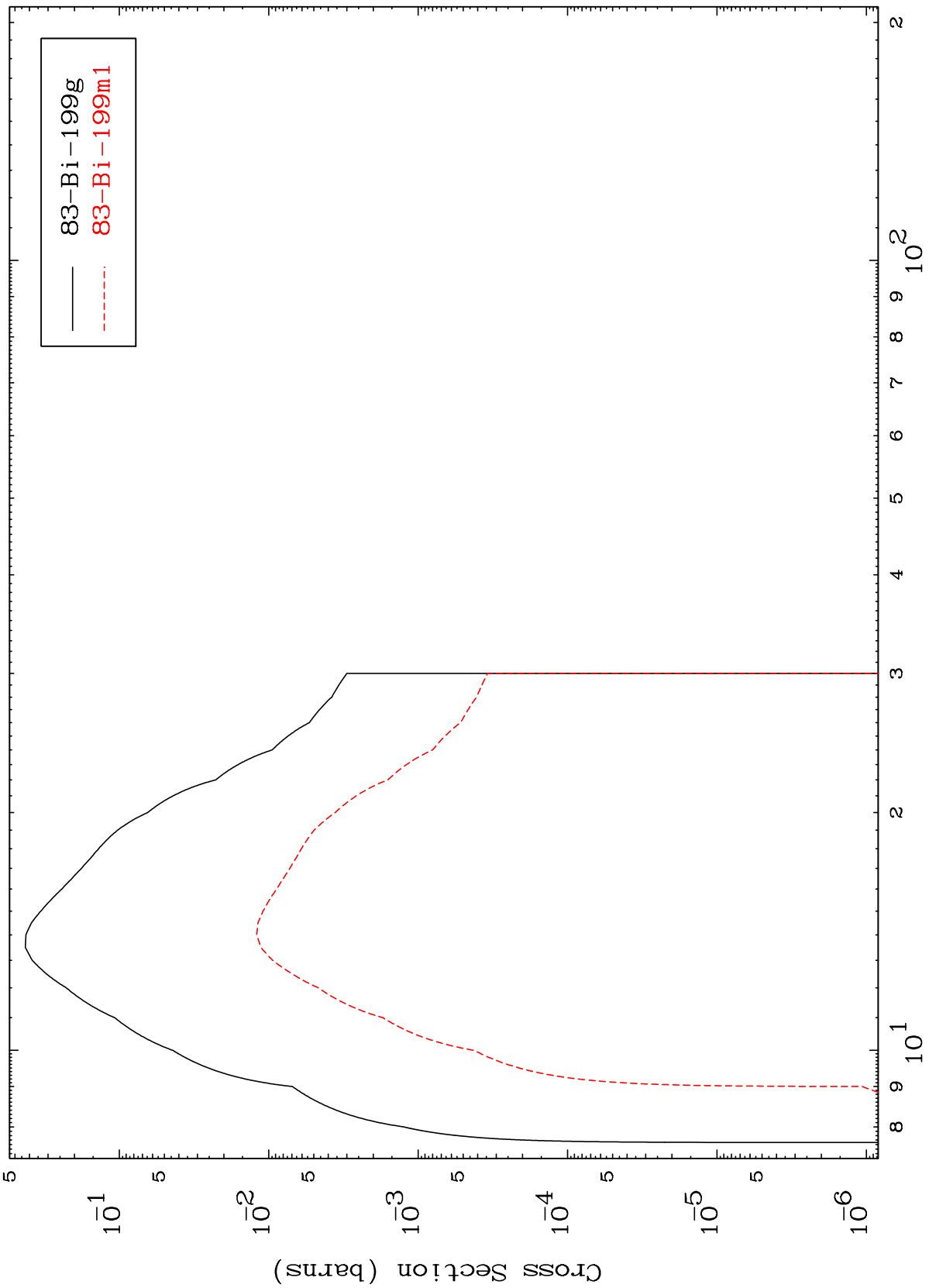
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( $\gamma, \alpha$ ) Levels

83-Bi-200



Photon Inelastic  
Radionuclide Production Cross Section

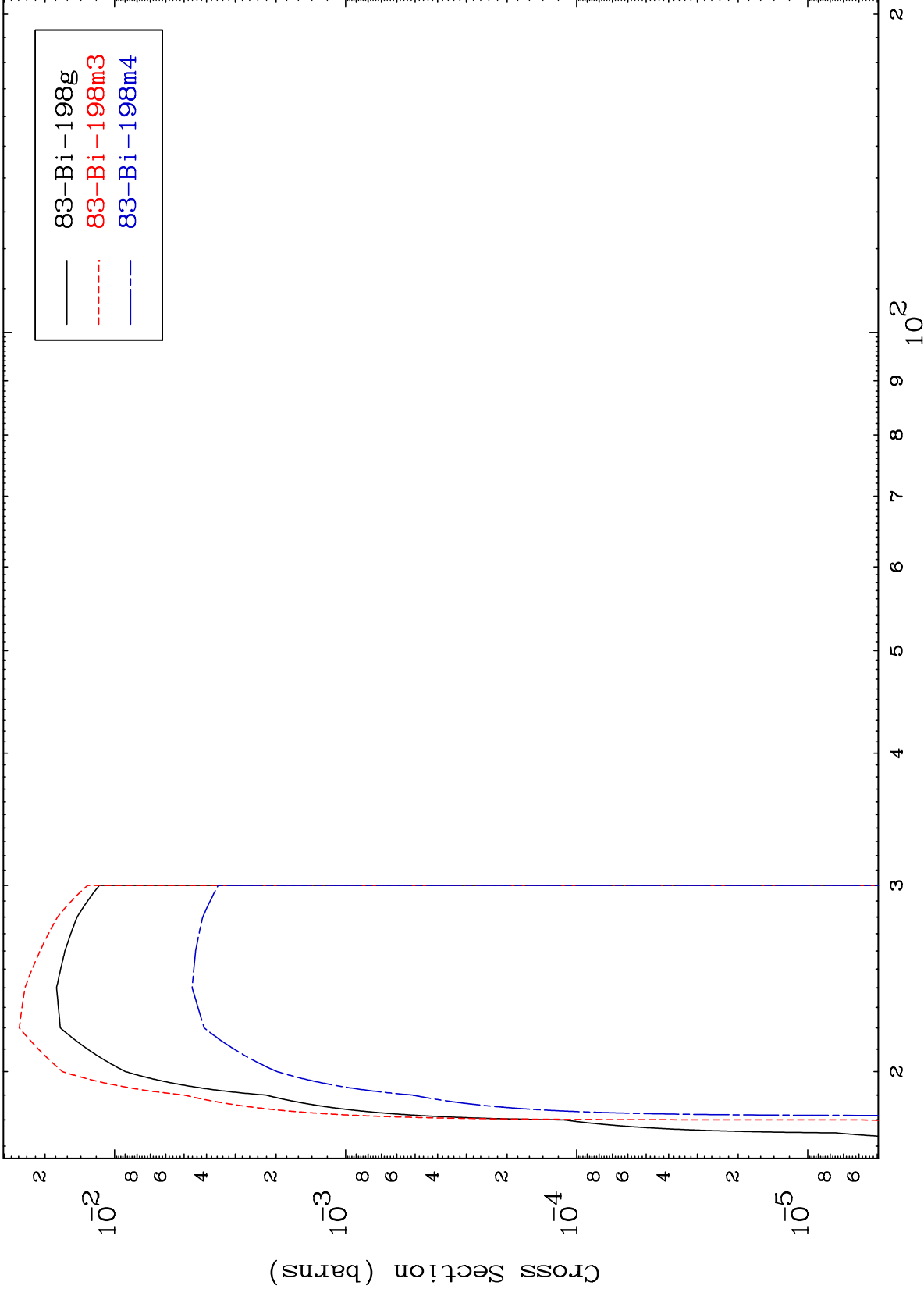


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( $\gamma, 2n$ )

83-Bi-200

Radionuclide Production Cross Section



12

Incident Energy (MeV)

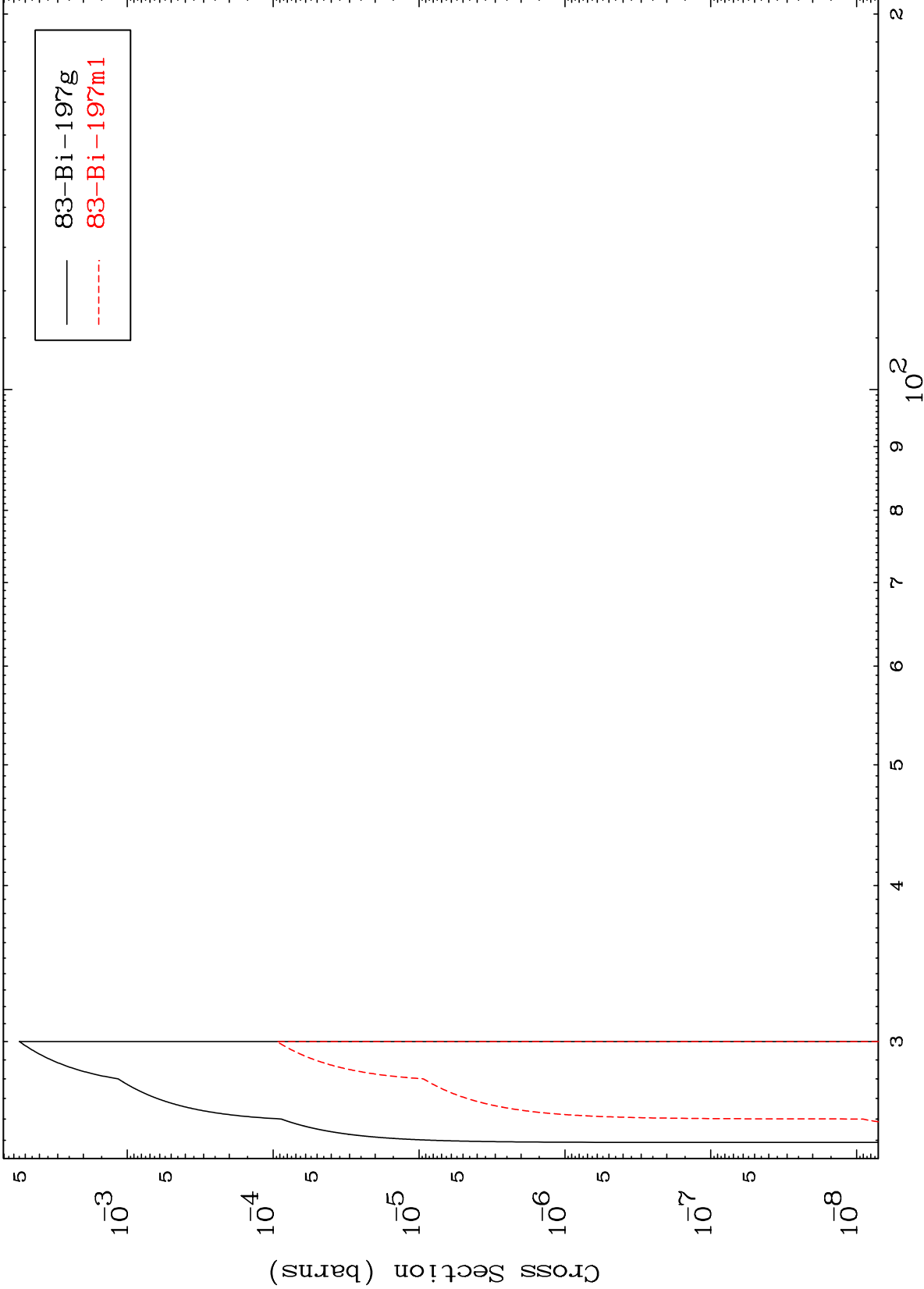
83-Bi-200

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( $\gamma, 3n$ )

83-Bi-200

Radionuclide Production Cross Section

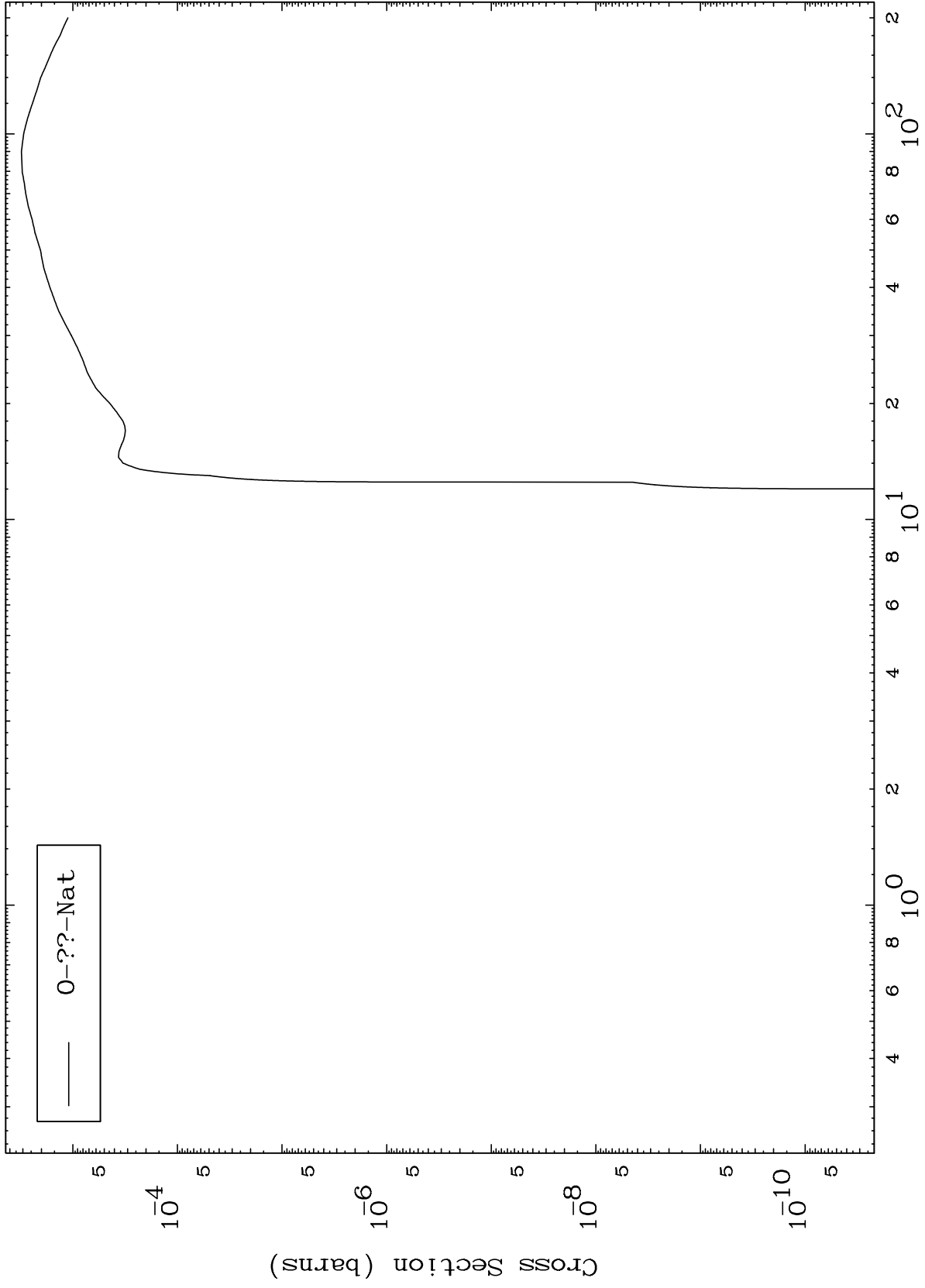


83-Bi-197g  
83-Bi-197m1

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83-Bi-200

Photon Fission  
Radionuclide Production Cross Section

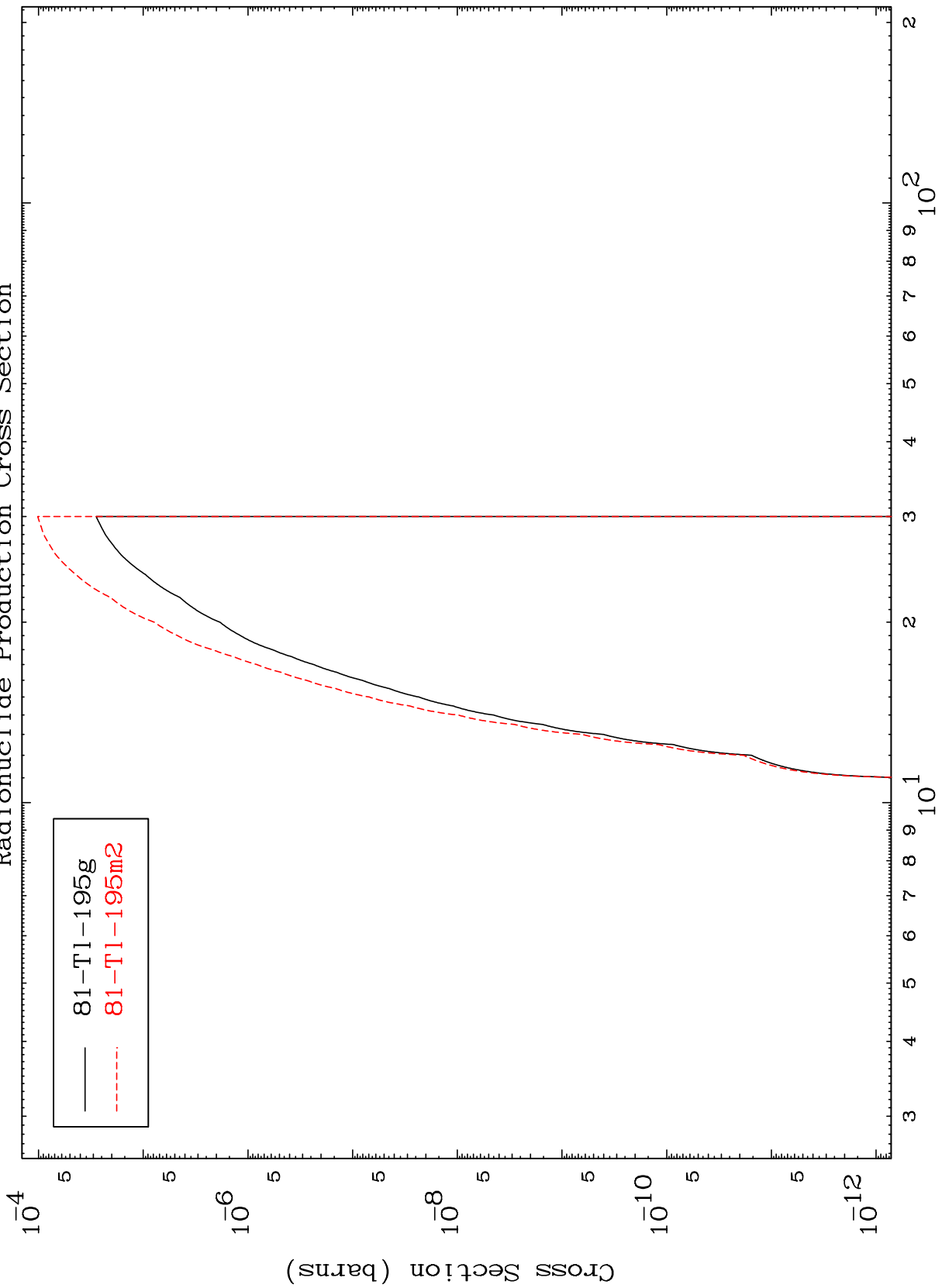


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83-Bi-200

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

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

83-Bi-200

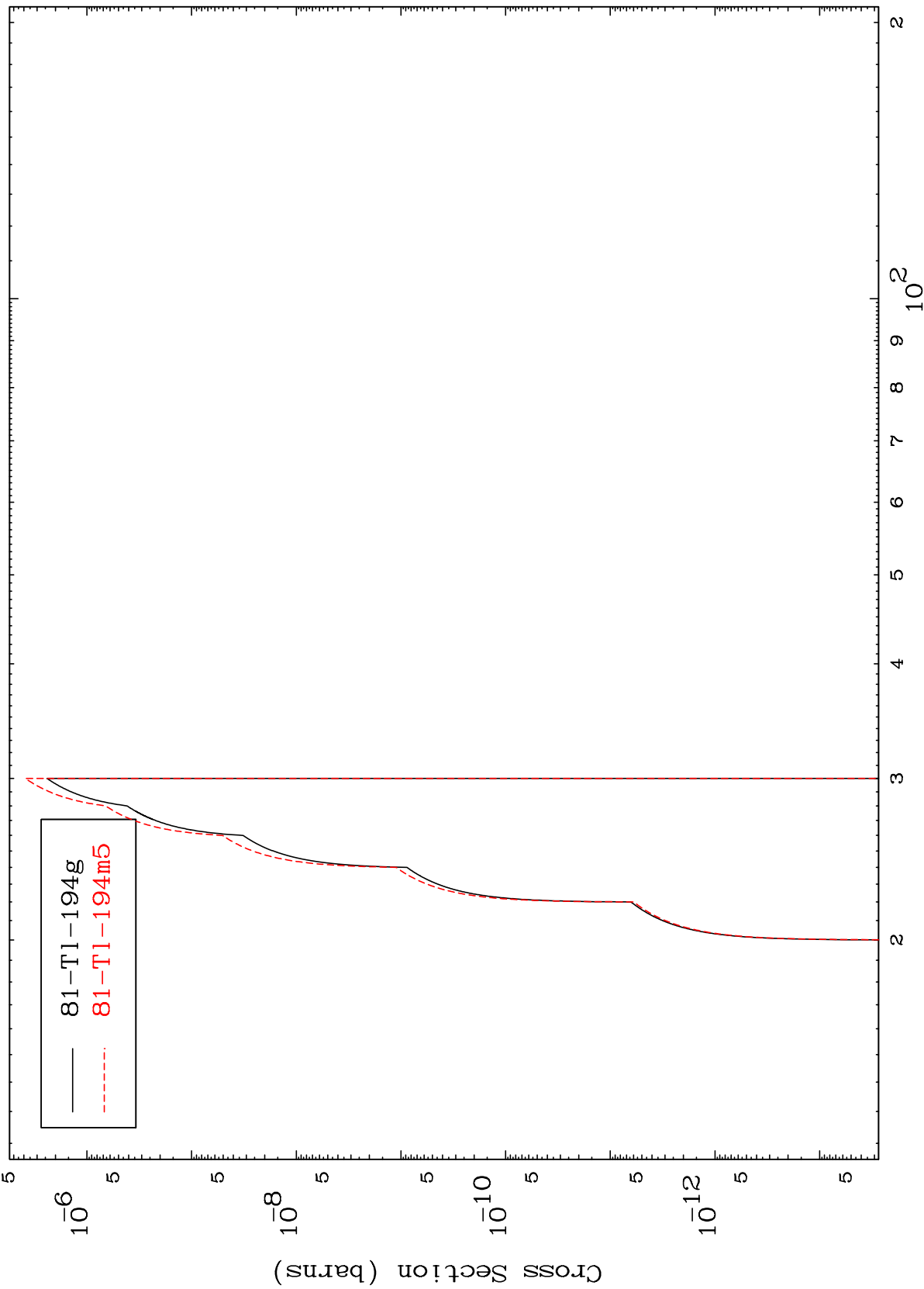


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( $\gamma, 2n$ )  $\alpha$

83-Bi-200

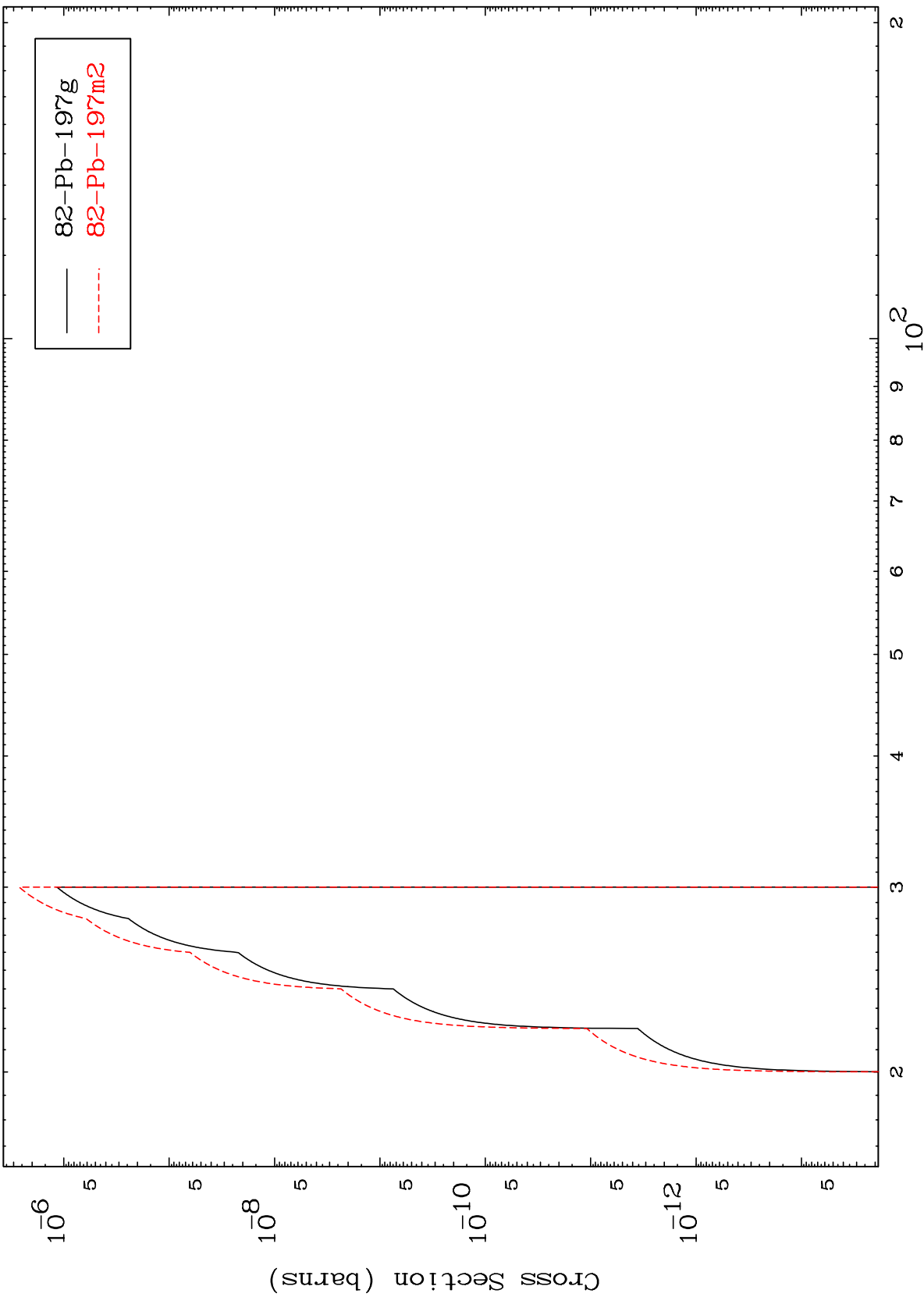
Radionuclide Production Cross Section



MAT 8298

83-Bi-200

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



17

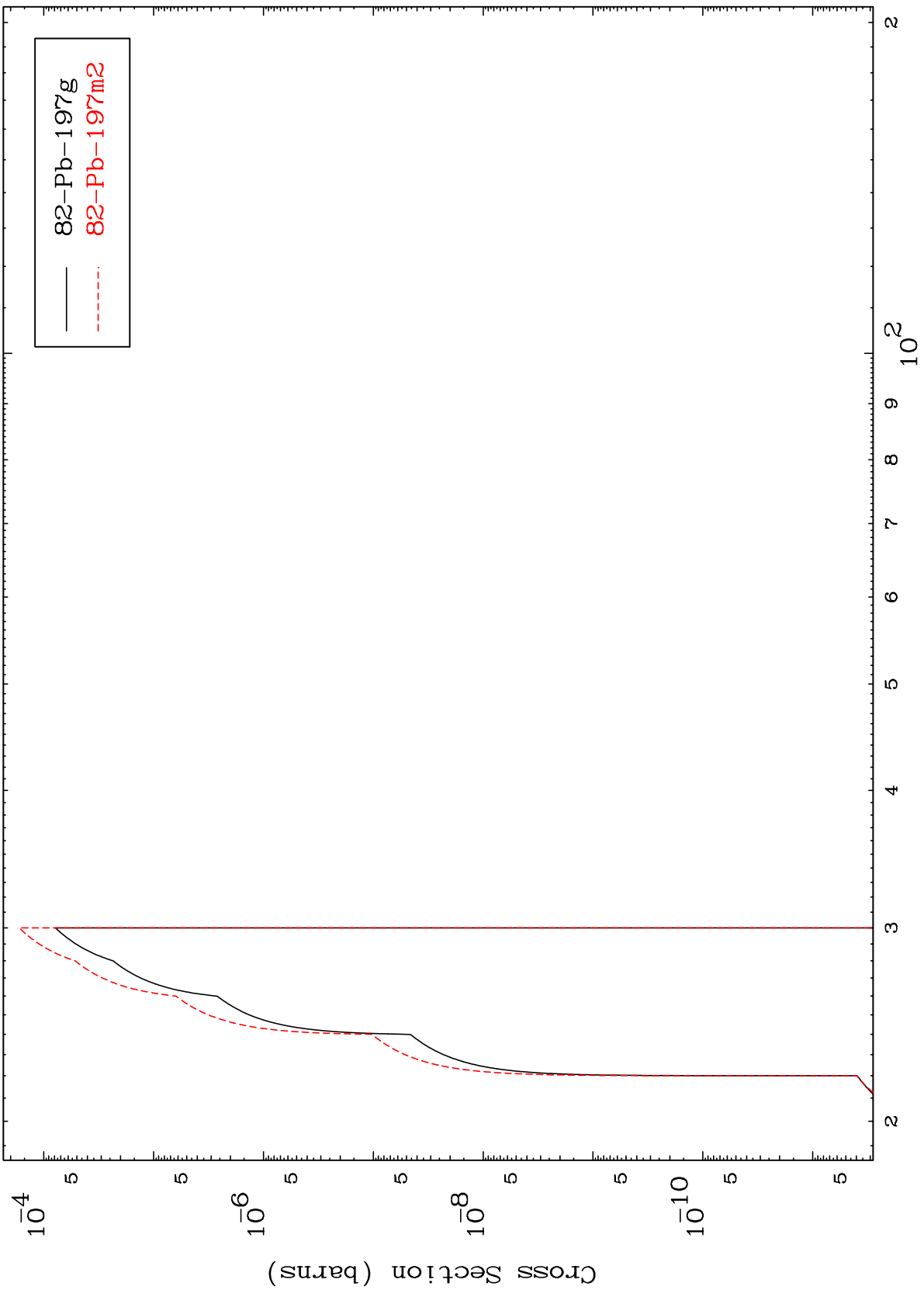
Incident Energy (MeV)

83-Bi-200

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83-Bi-200

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



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83-Bi-200

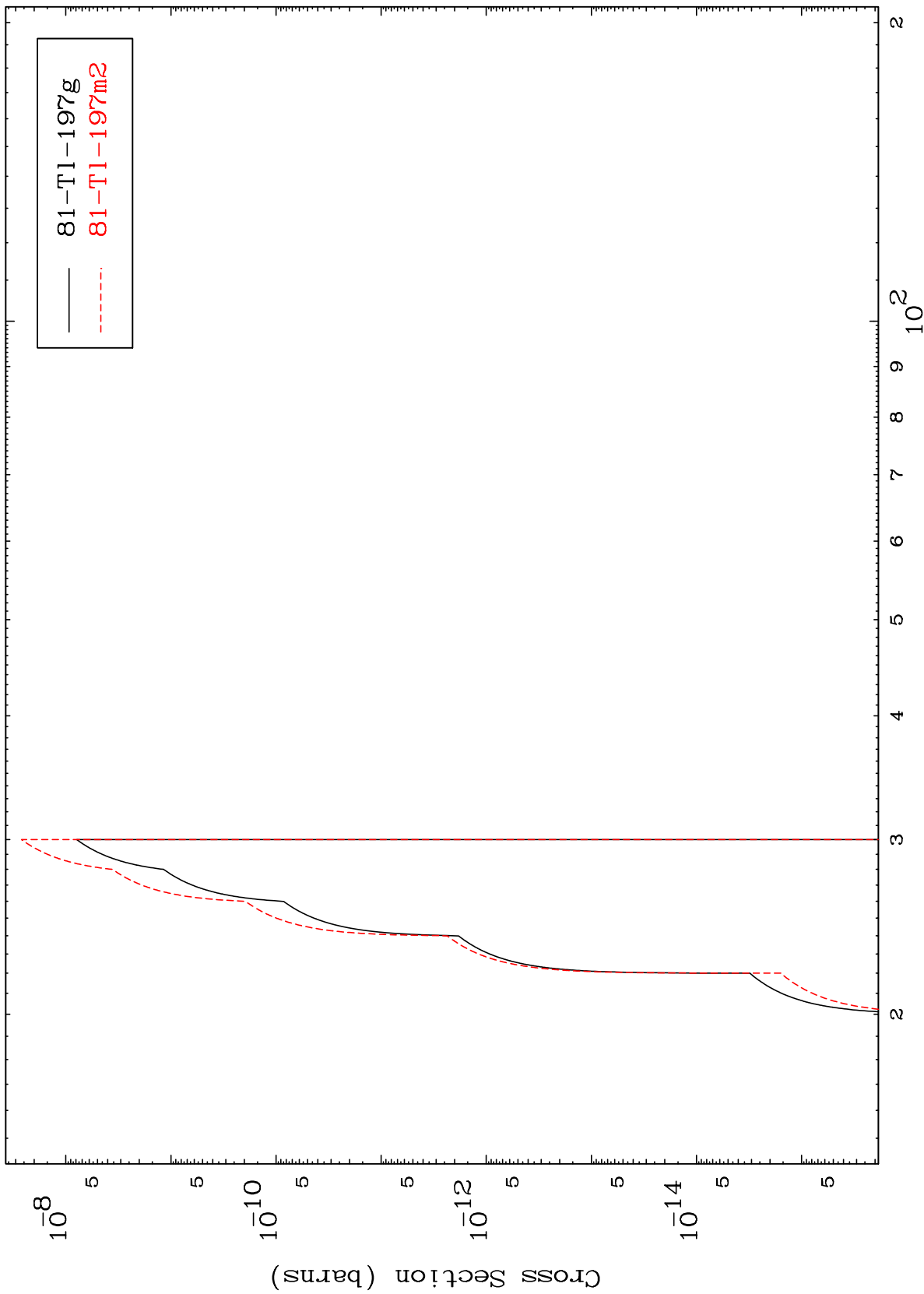
Incident Energy (MeV)

MAT 8298

( $\gamma, 2n$ ) p

83-Bi-200

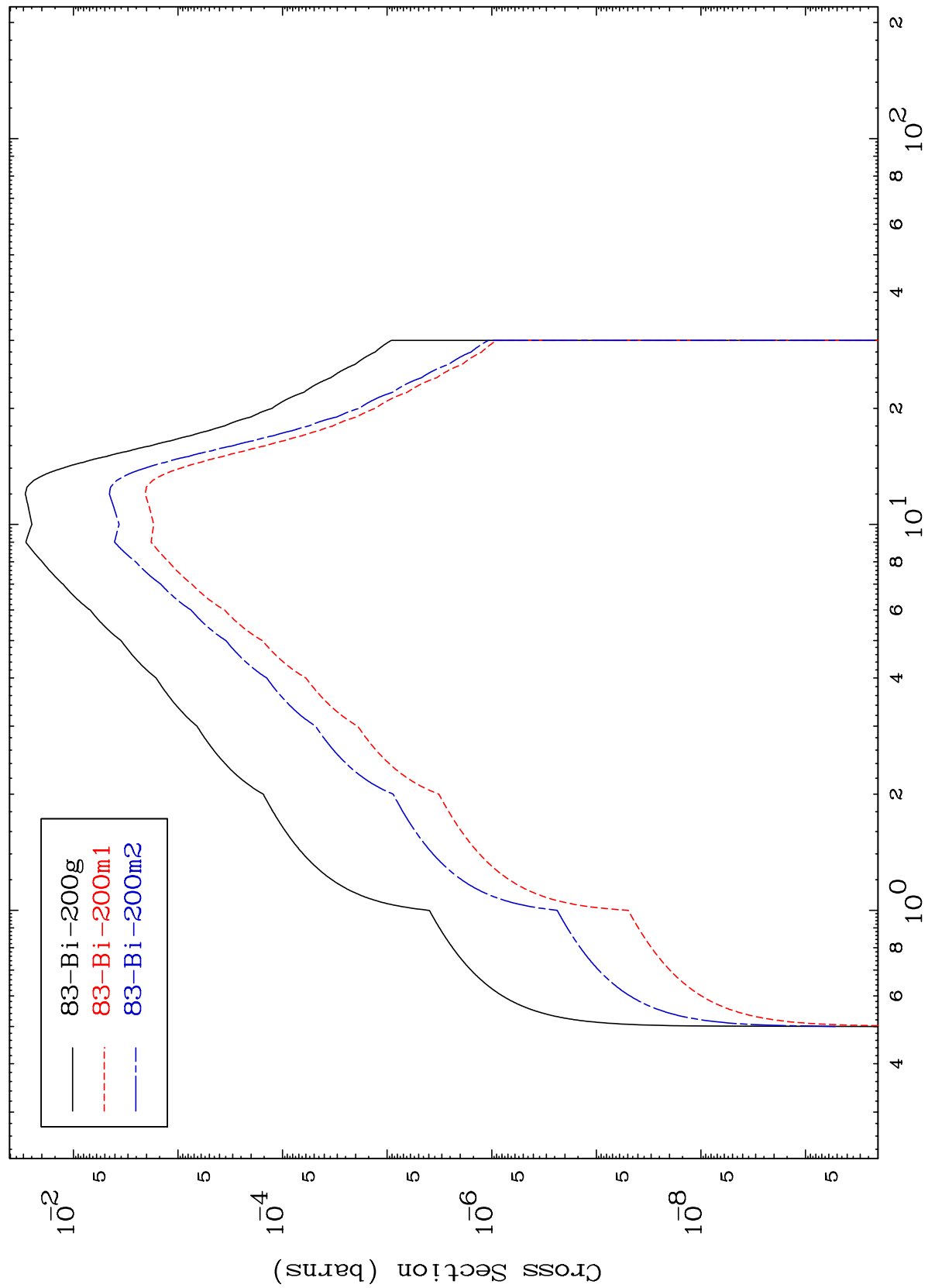
Radionuclide Production Cross Section



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83-Bi-200

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



83-Bi-200g  
83-Bi-200m1  
83-Bi-200m2

20

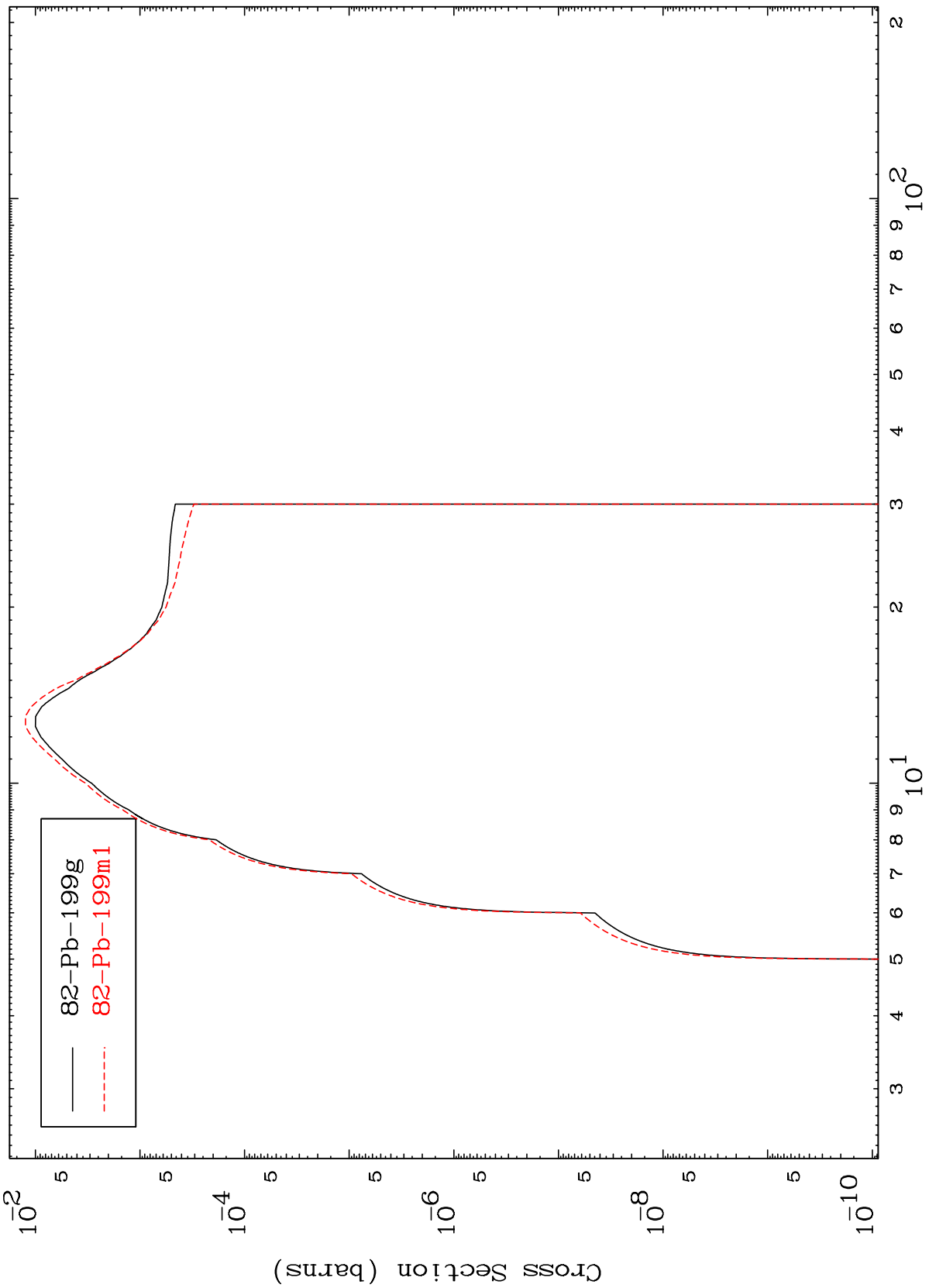
Incident Energy (MeV)

83-Bi-200

MAT 8298

83-Bi-200

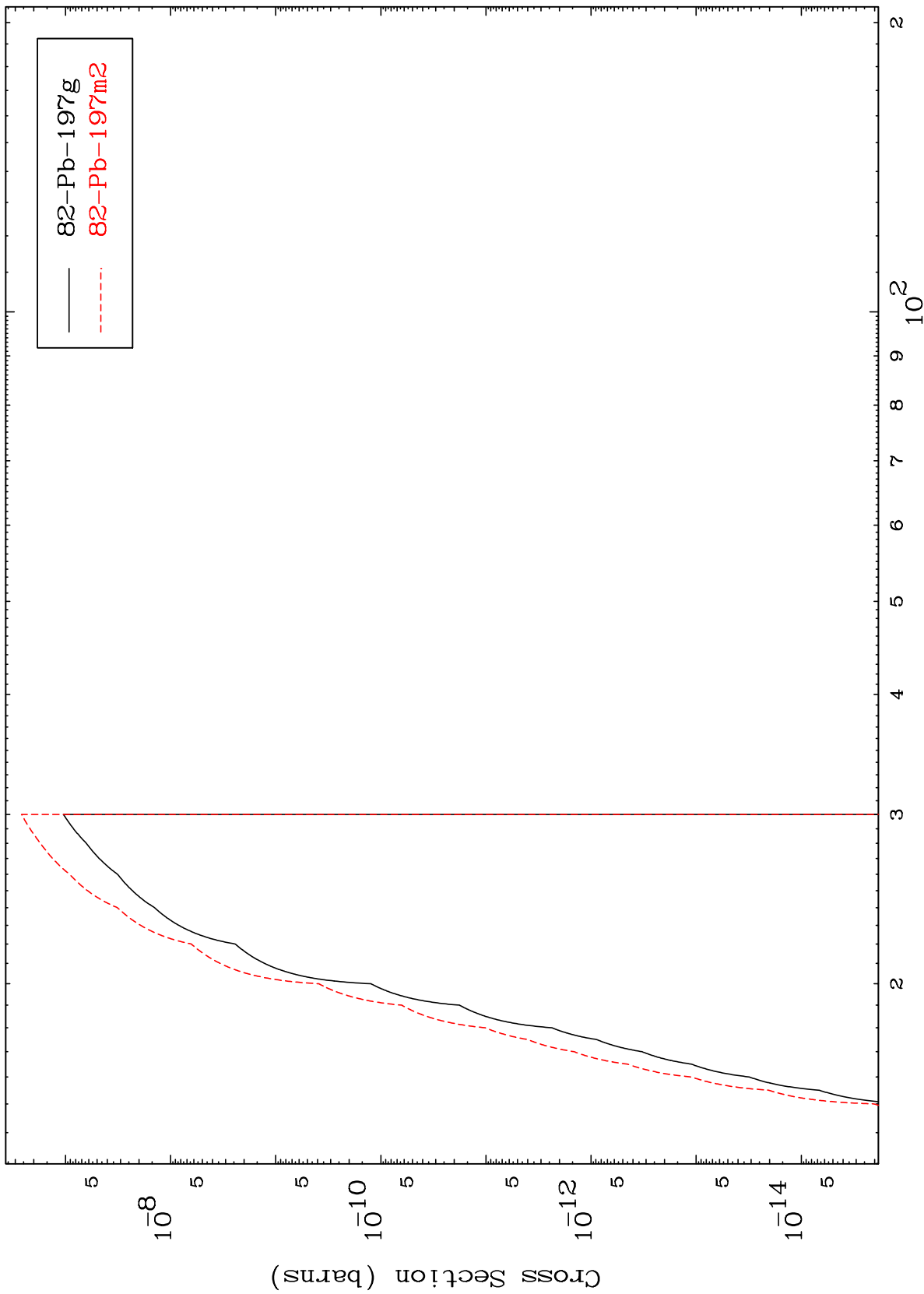
Radionuclide Production Cross Section  
( $\gamma, p$ )



Incident Energy (MeV)

83-Bi-200

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

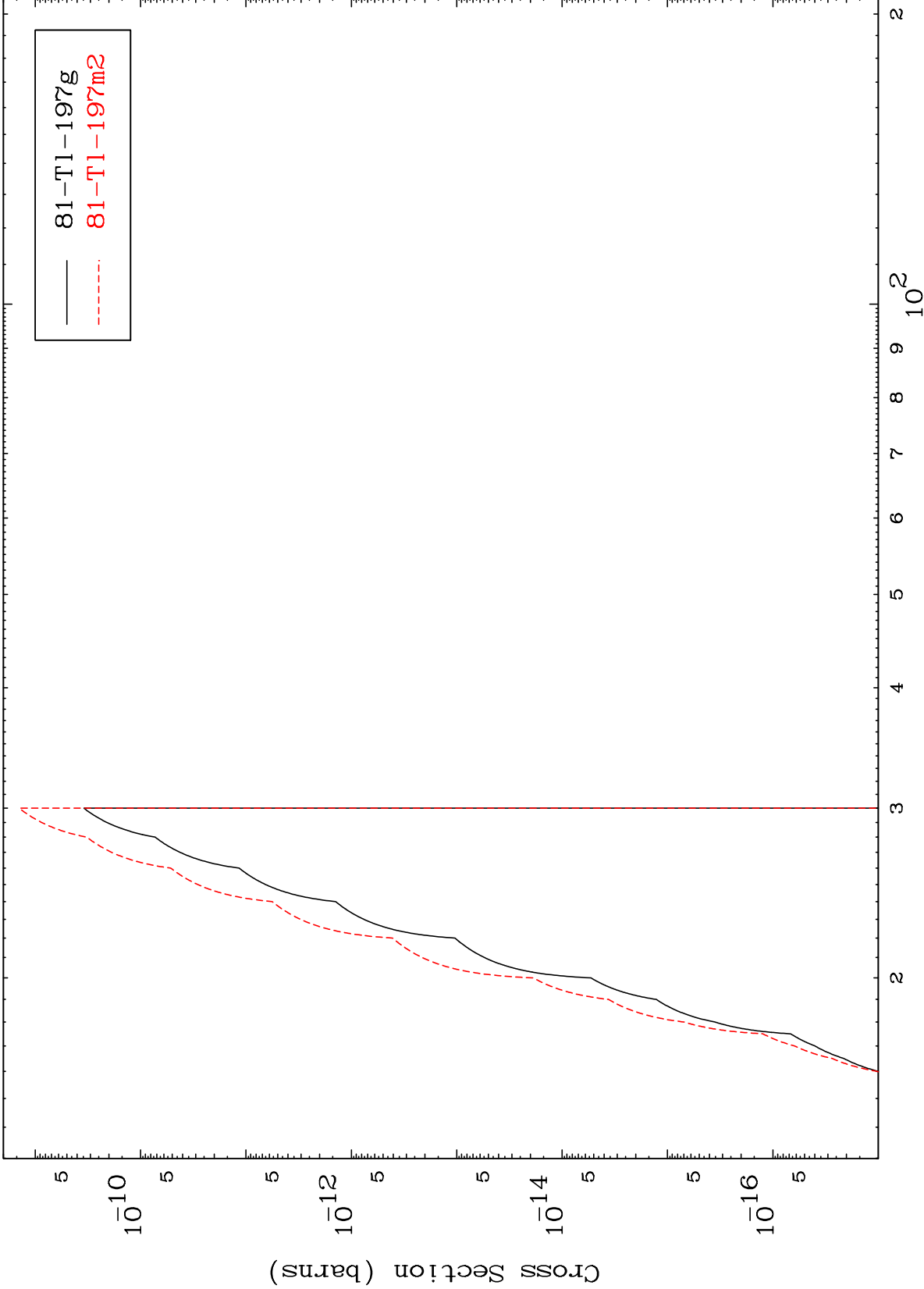


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( $\gamma, \text{He-3}$ )

83-Bi-200

Radionuclide Production Cross Section



23

Incident Energy (MeV)

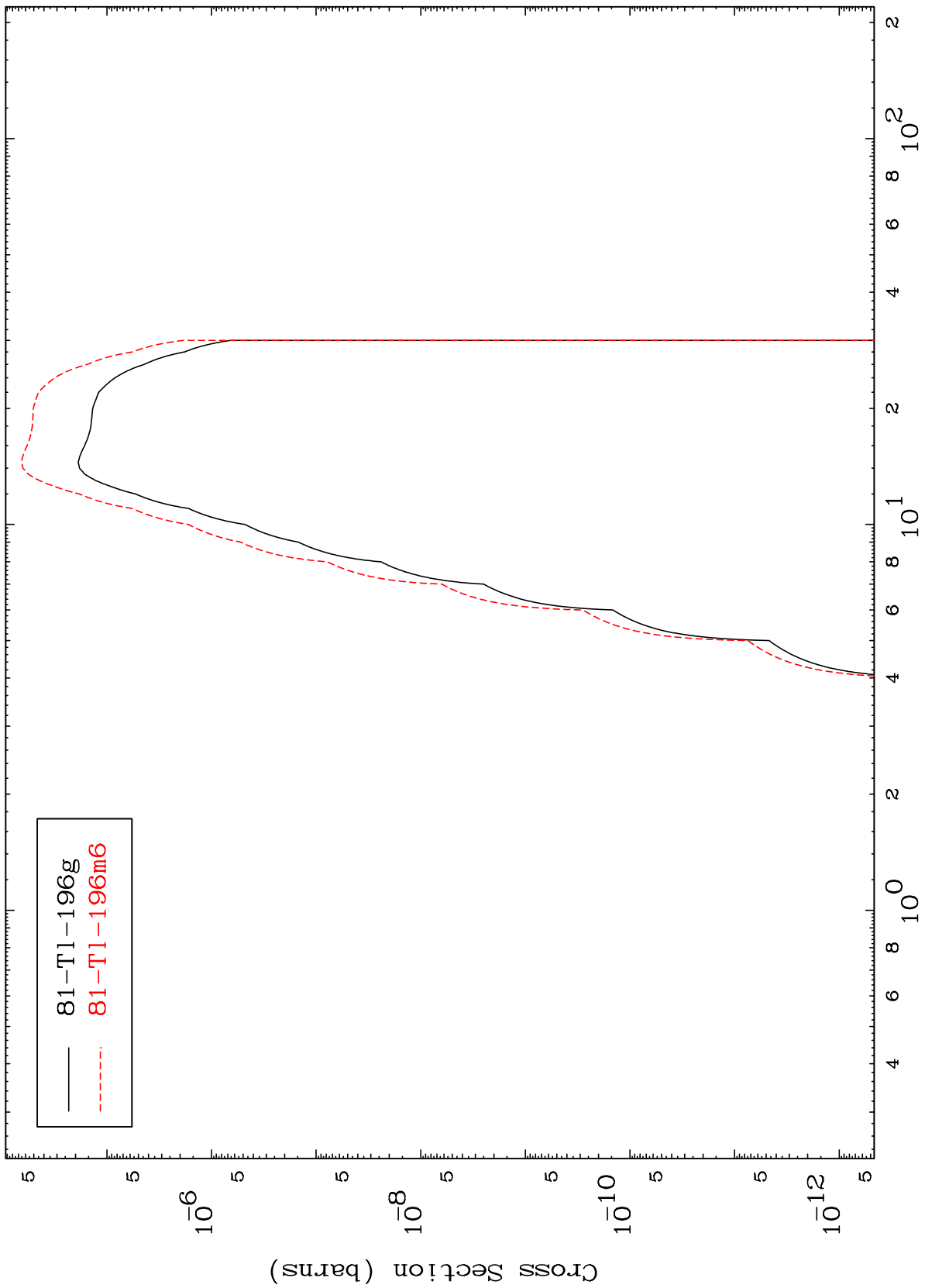
83-Bi-200



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83-Bi-200

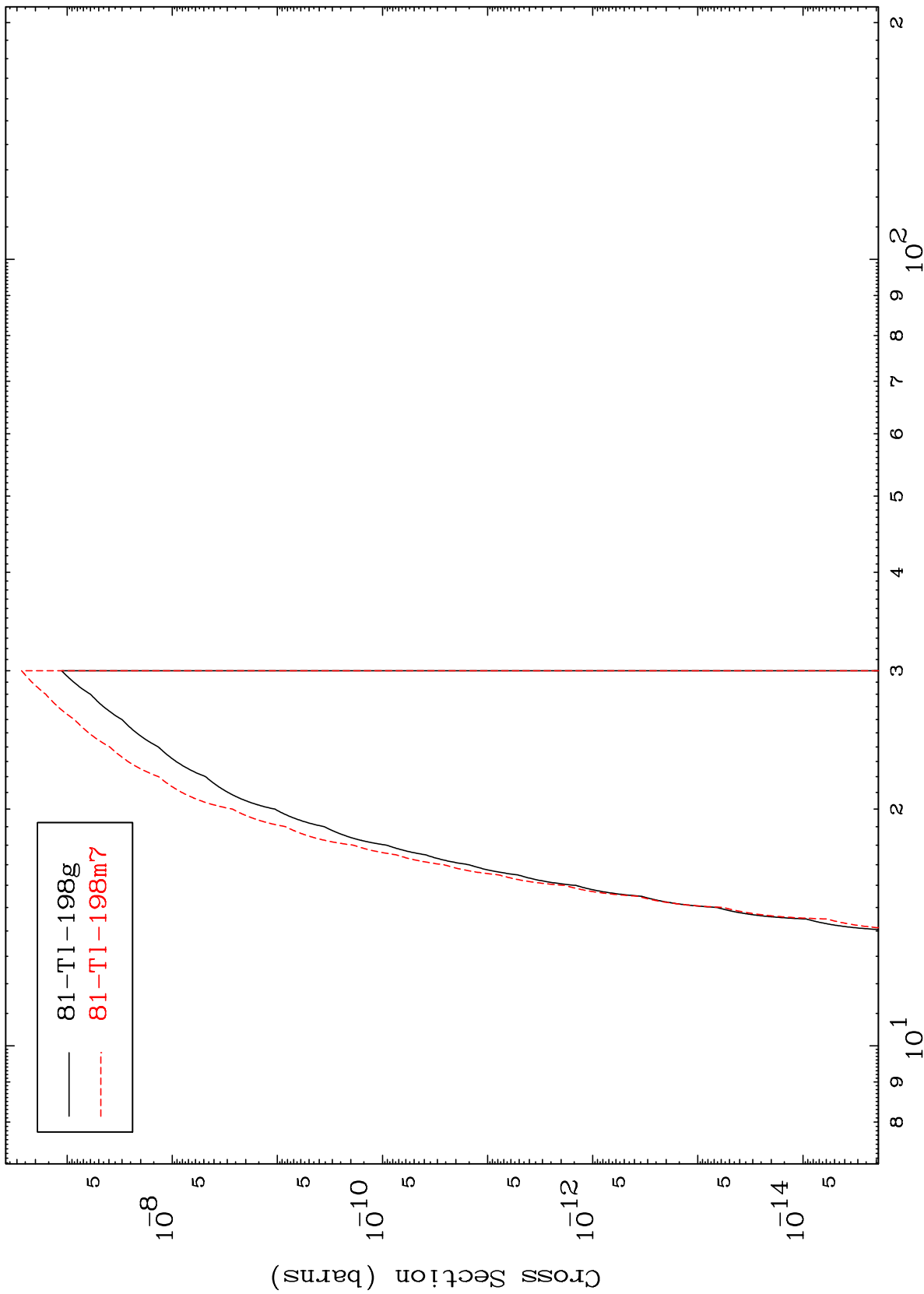
( $\gamma, \alpha$ )  
Radionuclide Production Cross Section



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83-Bi-200

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



25

Incident Energy (MeV)

83-Bi-200

MAT 8298

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

83-Bi-200

