

Program EVALPLOT  
(Version 2017-1)

by

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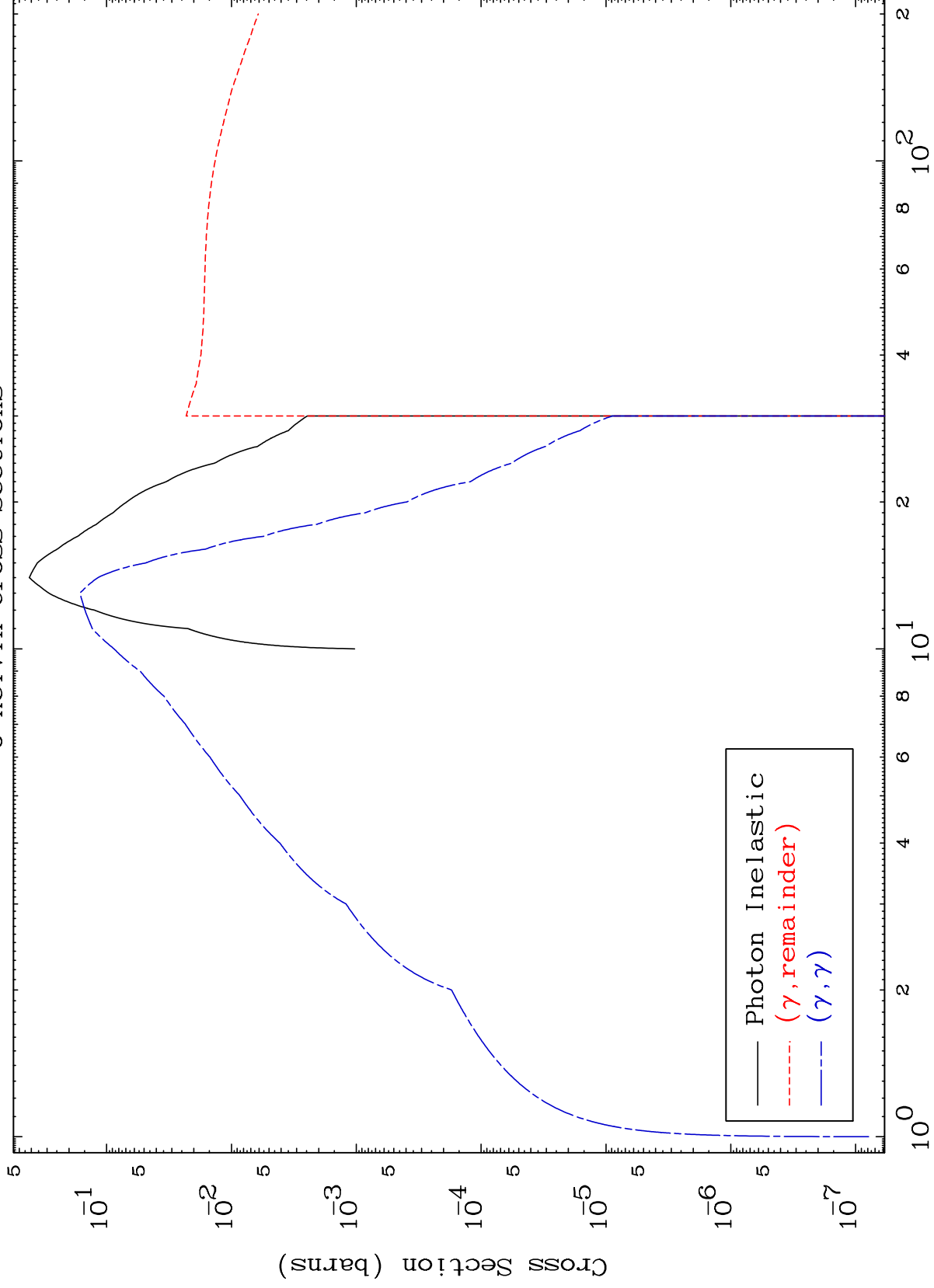
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8295

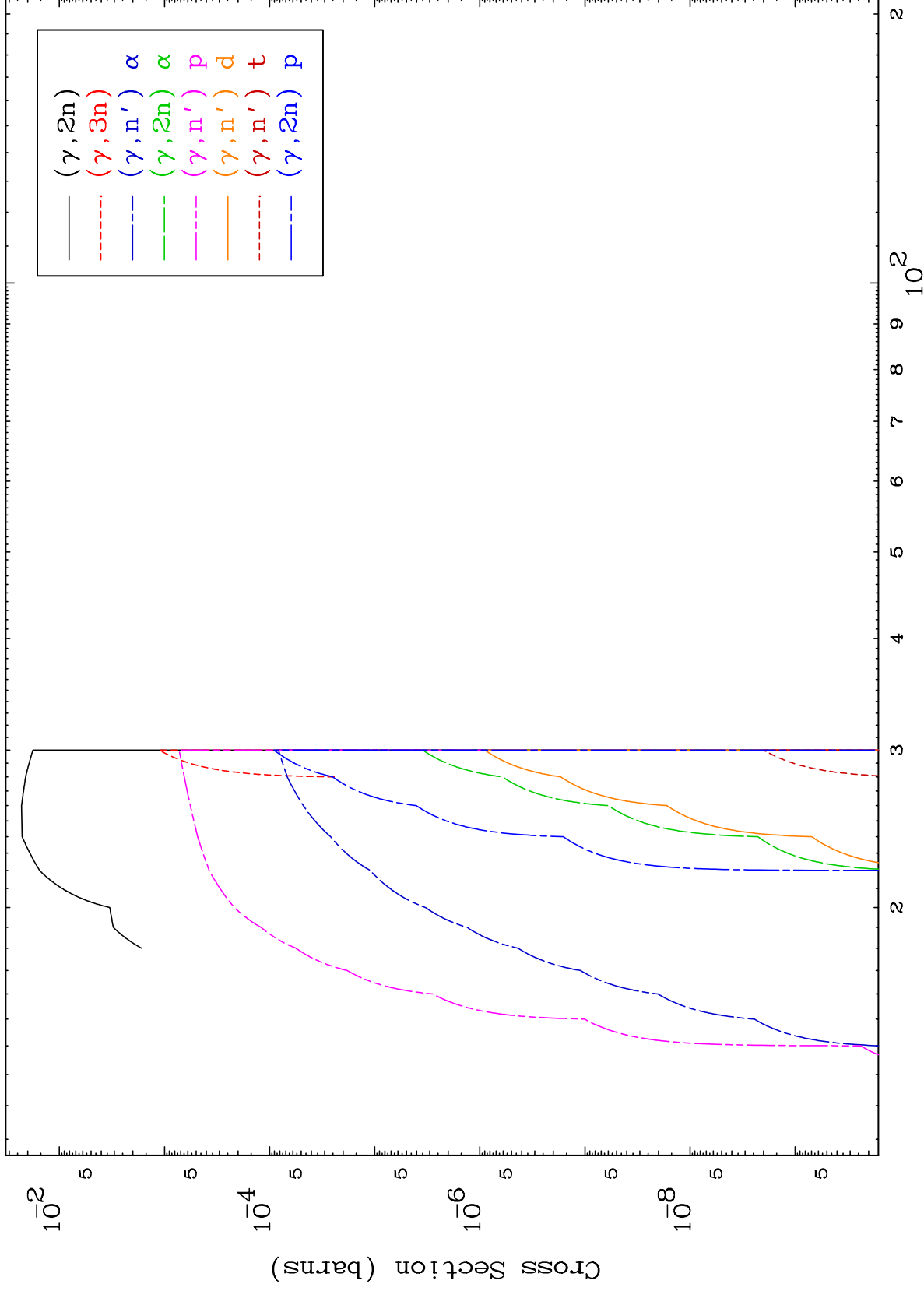
Photon Major  
0 Kelvin Cross Sections

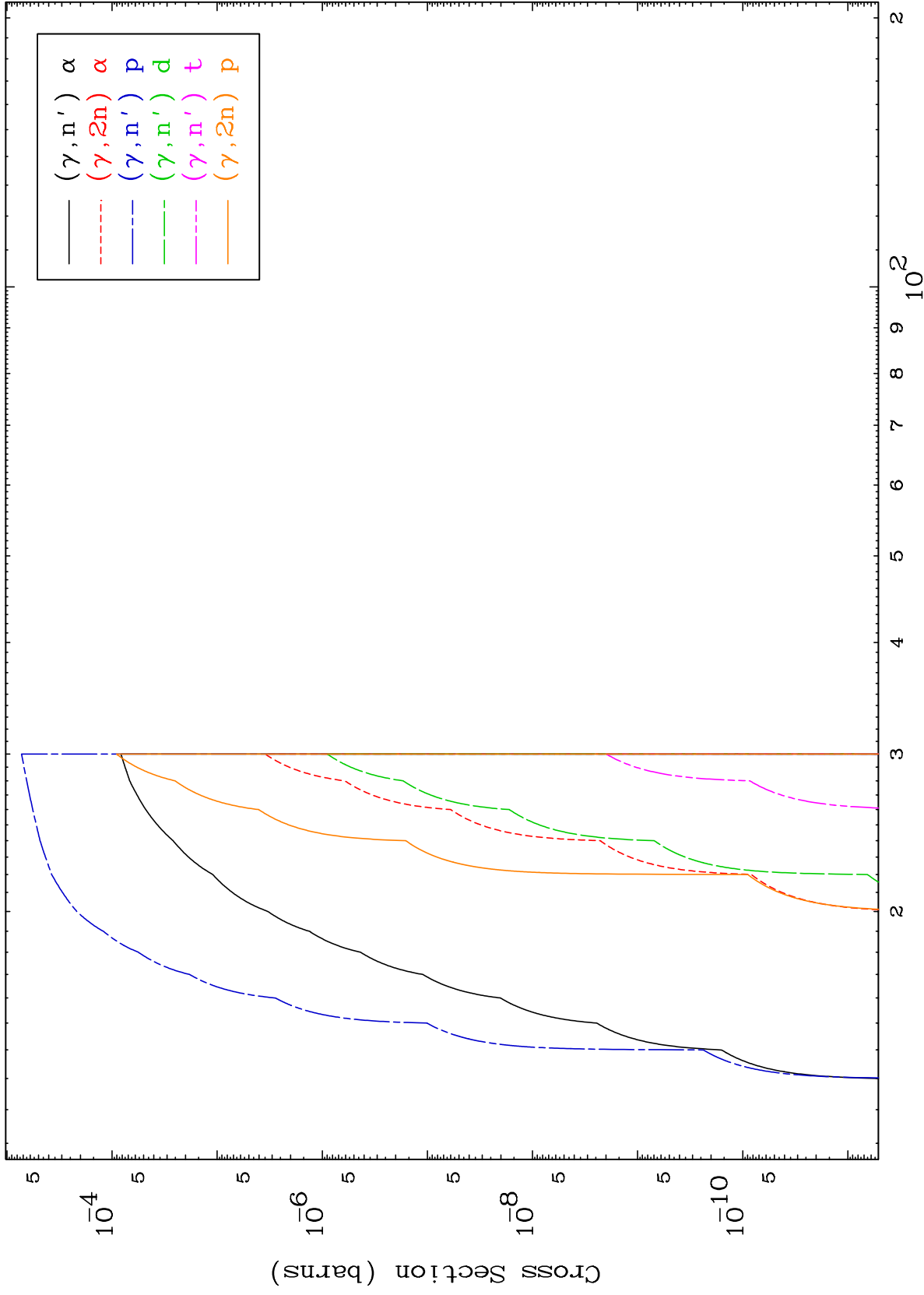
83-Bi-199



Incident Energy (MeV)

83-Bi-199

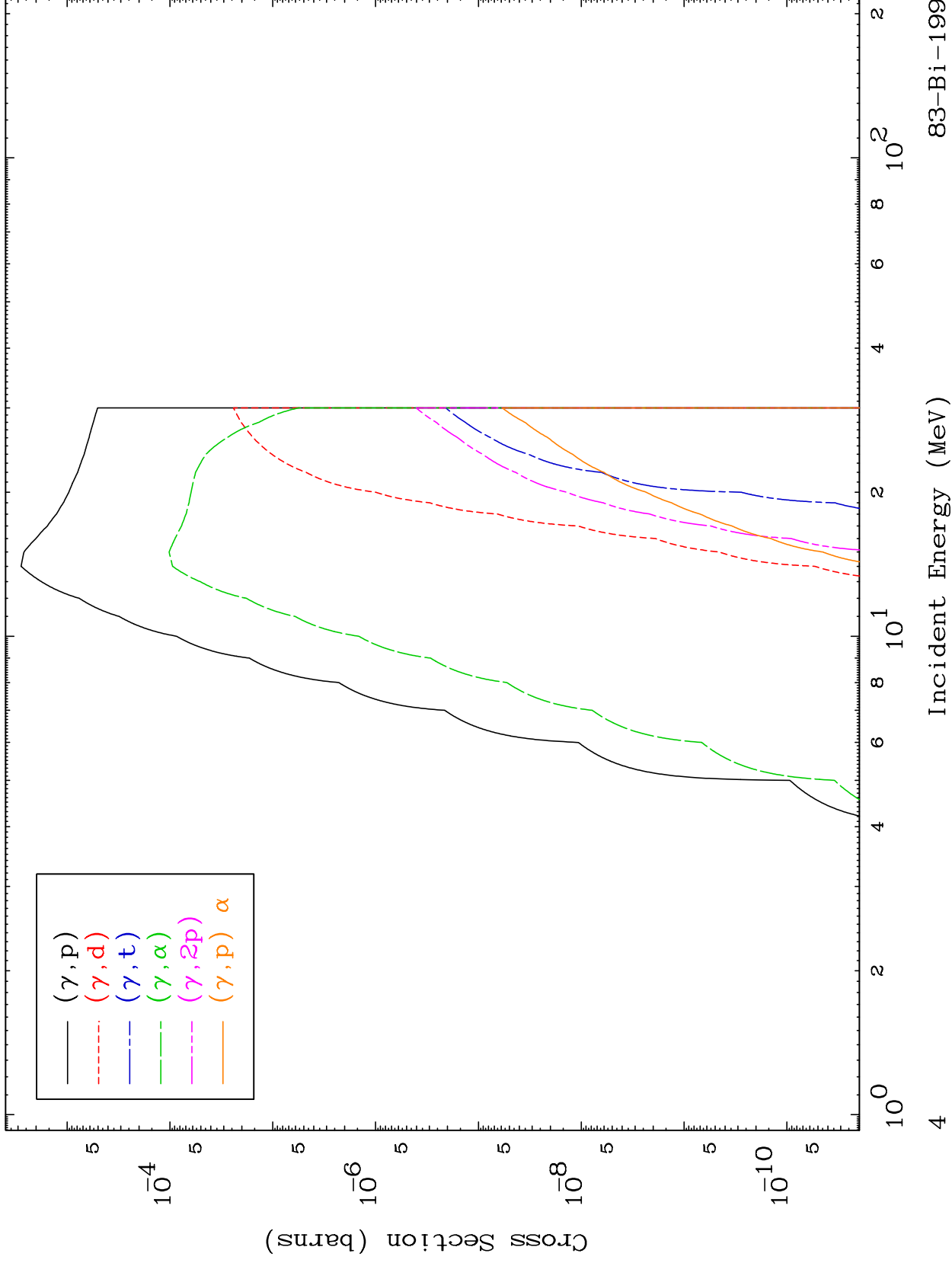




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Photon Charged Particle  
0 Kelvin Cross Sections

83-Bi-199



Incident Energy (MeV)

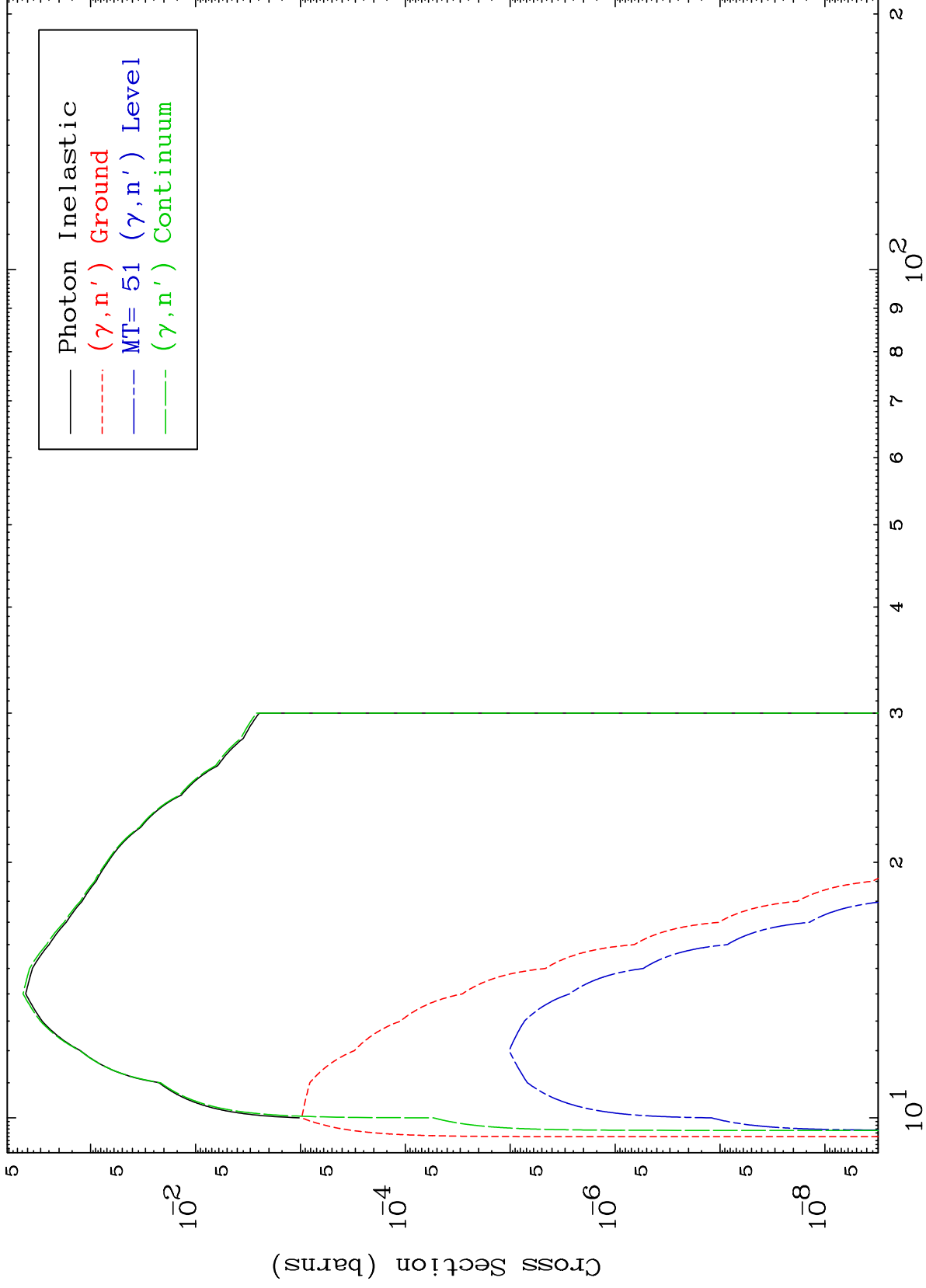
83-Bi-199

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$(\gamma, n')$  Level

83-Bi-199

0 Kelvin Cross Sections



Incident Energy (MeV)

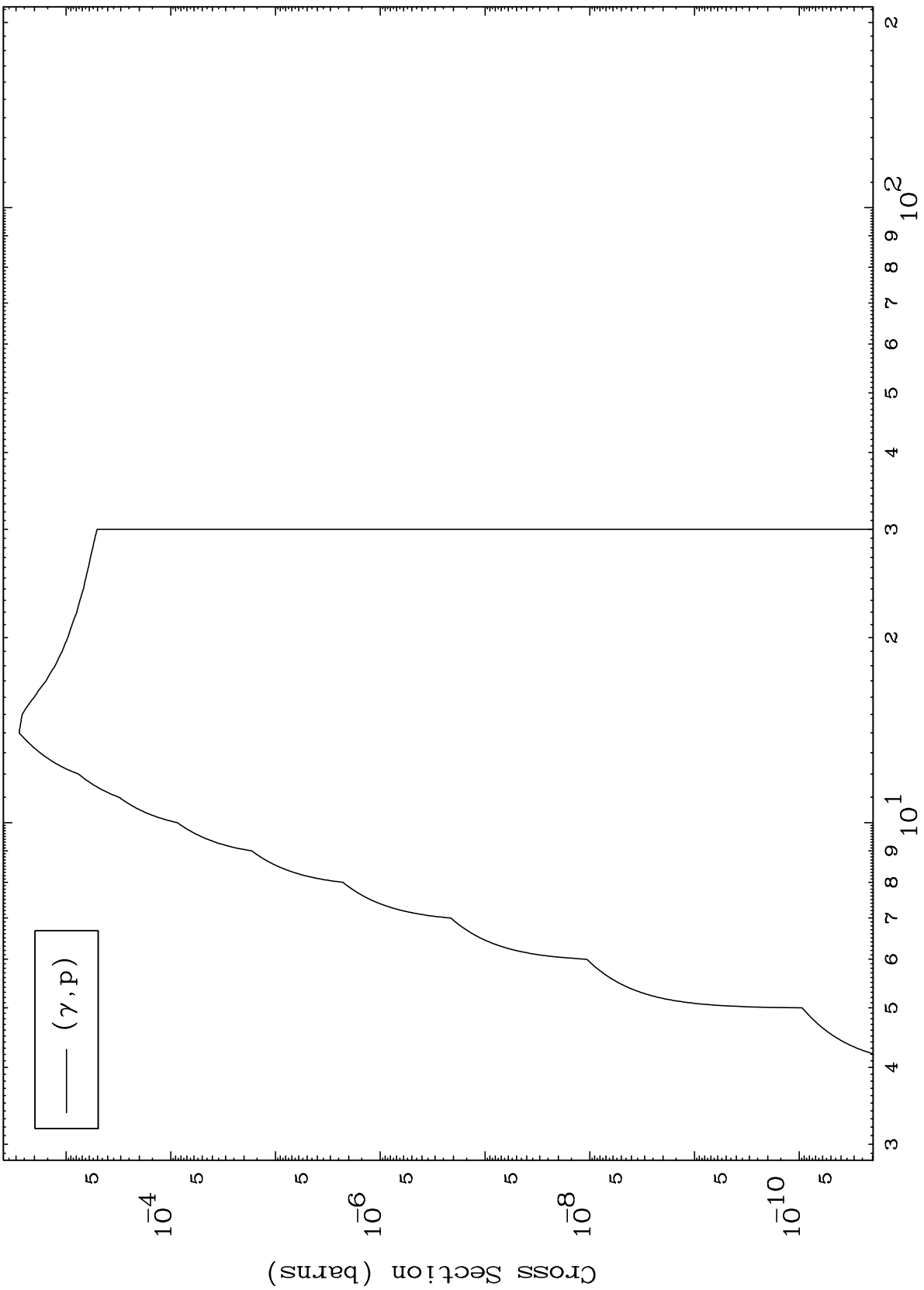
83-Bi-199

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( $\gamma, p$ ) Levels

83-Bi-199

0 Kelvin Cross Sections



( $\gamma, p$ )

Incident Energy (MeV)

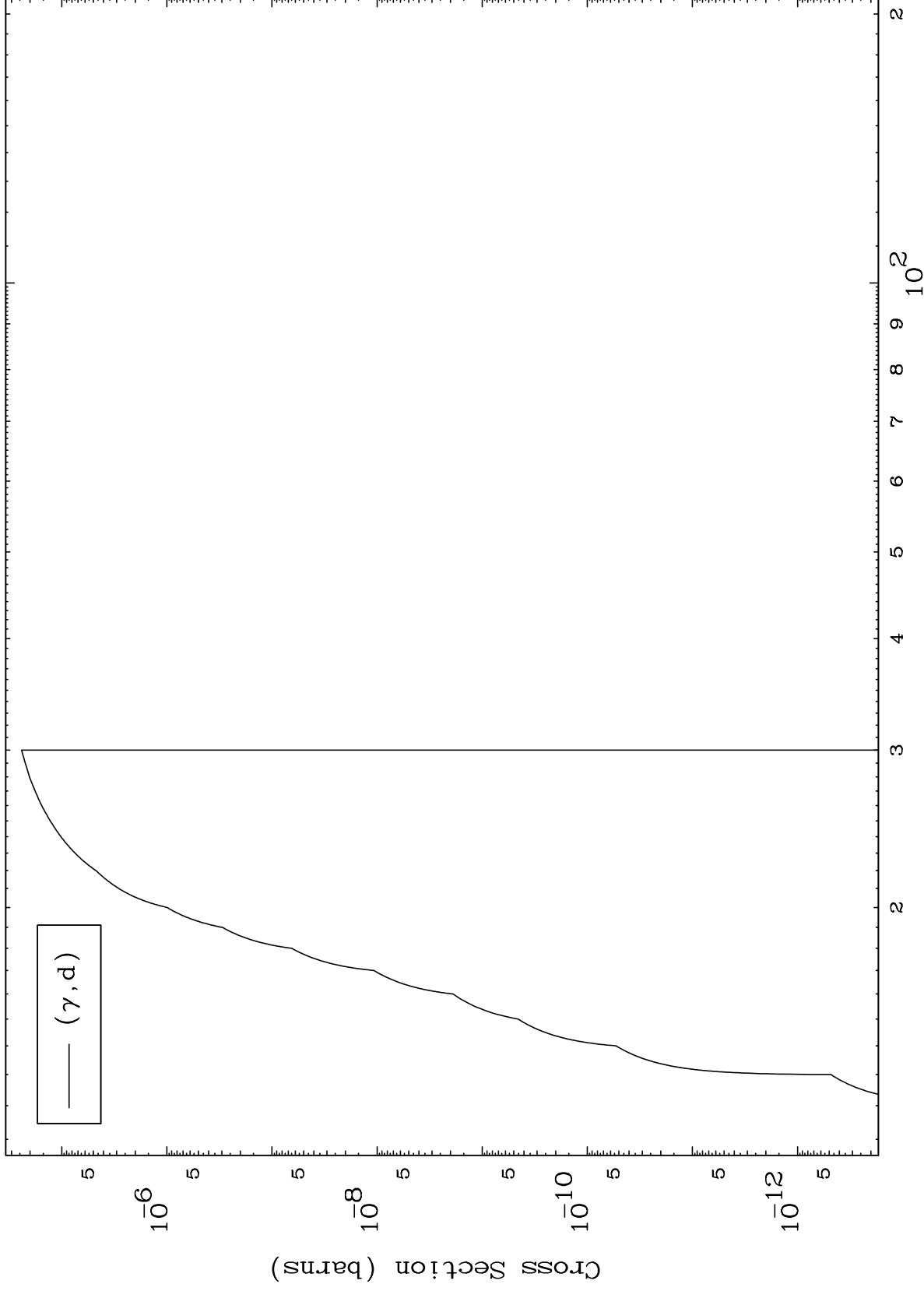
83-Bi-199

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

83-Bi-199

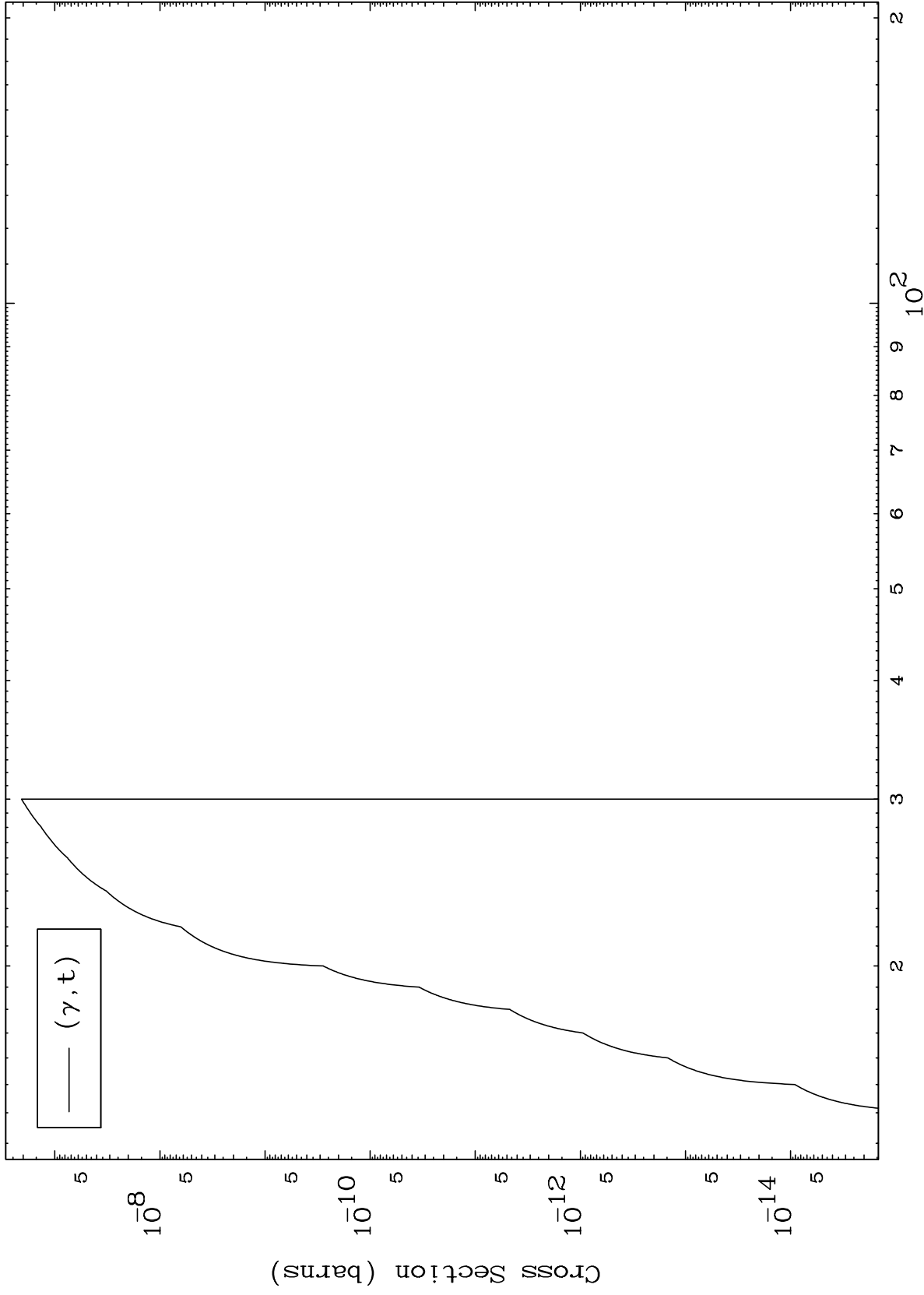


7

Incident Energy (MeV)

83-Bi-199

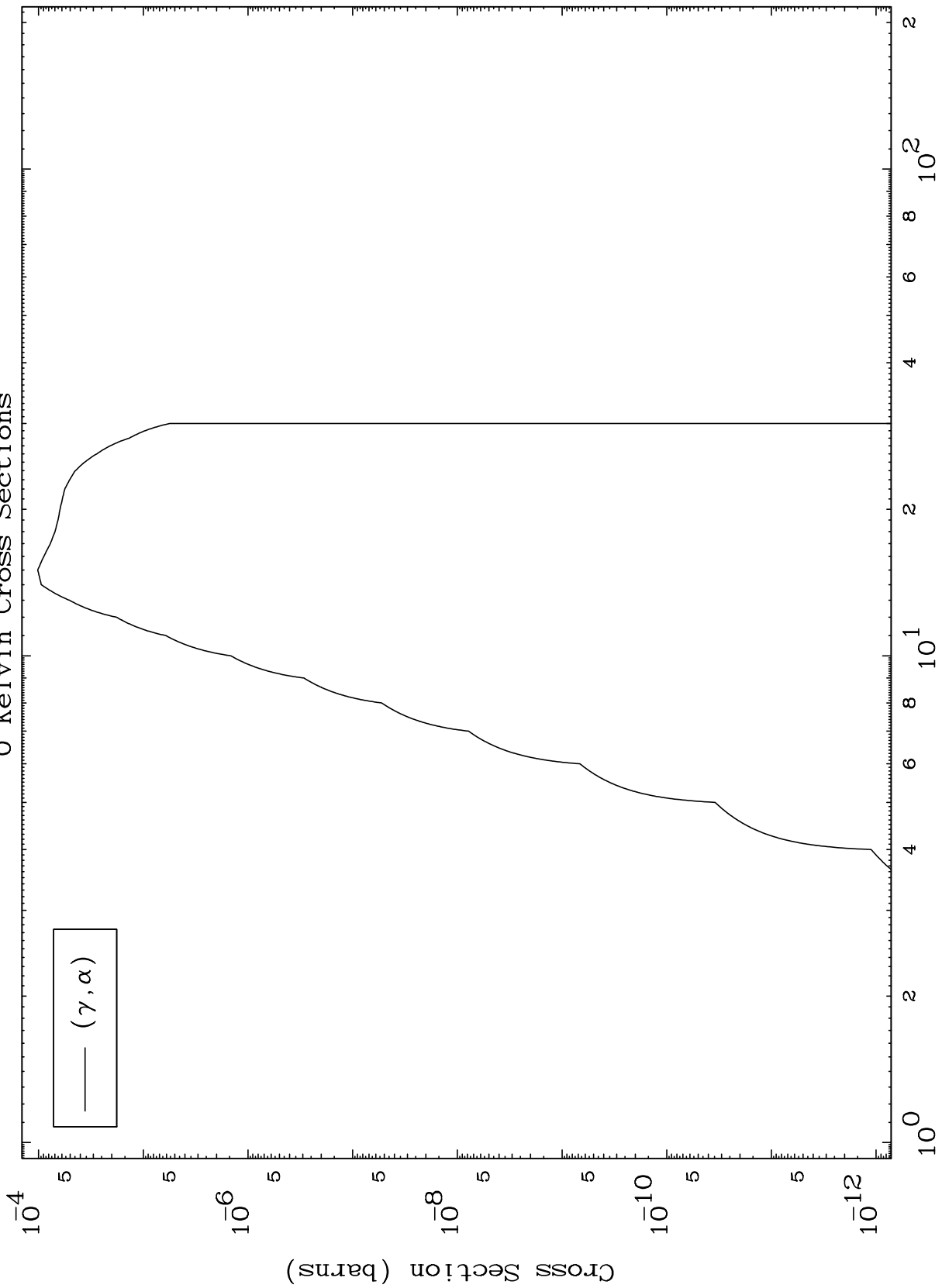




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83-Bi-199

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



83-Bi-199

Incident Energy (MeV)

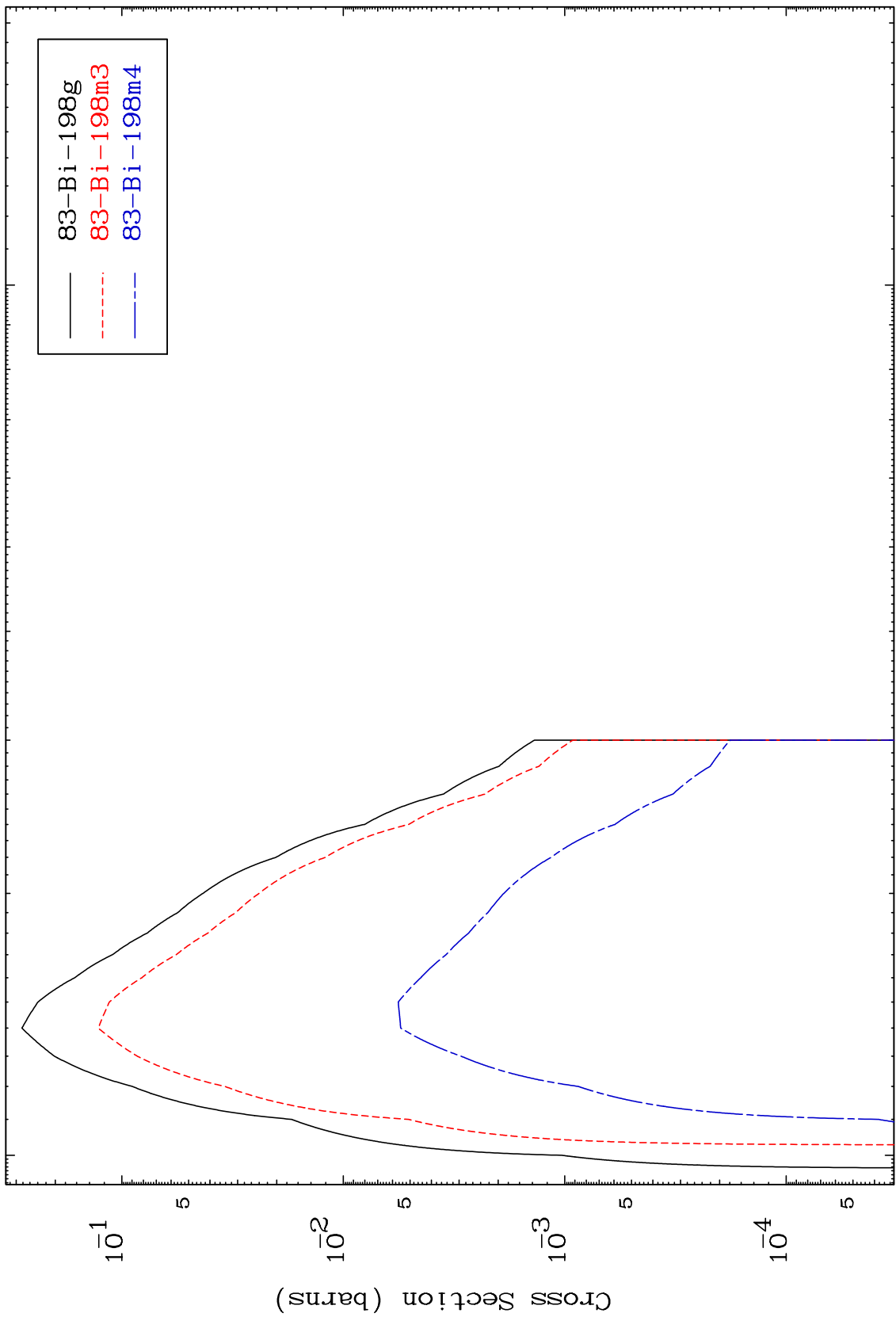
9

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Photon Inelastic

83-Bi-199

Radionuclide Production Cross Section



83-Bi-198g  
83-Bi-198m3  
83-Bi-198m4

10<sup>1</sup>

2

3

10<sup>2</sup>

2

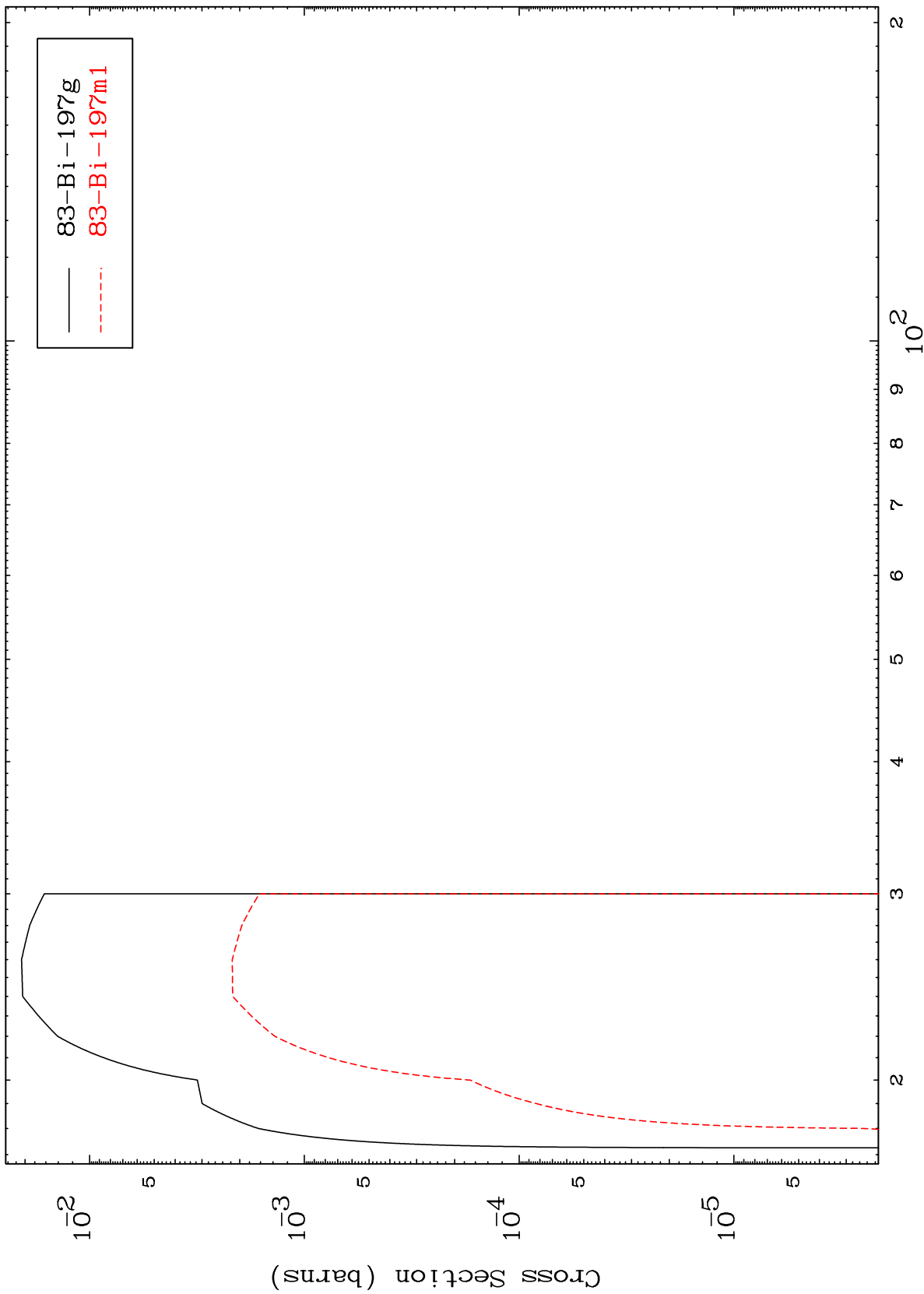
Incident Energy (MeV)

83-Bi-199

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83-Bi-199

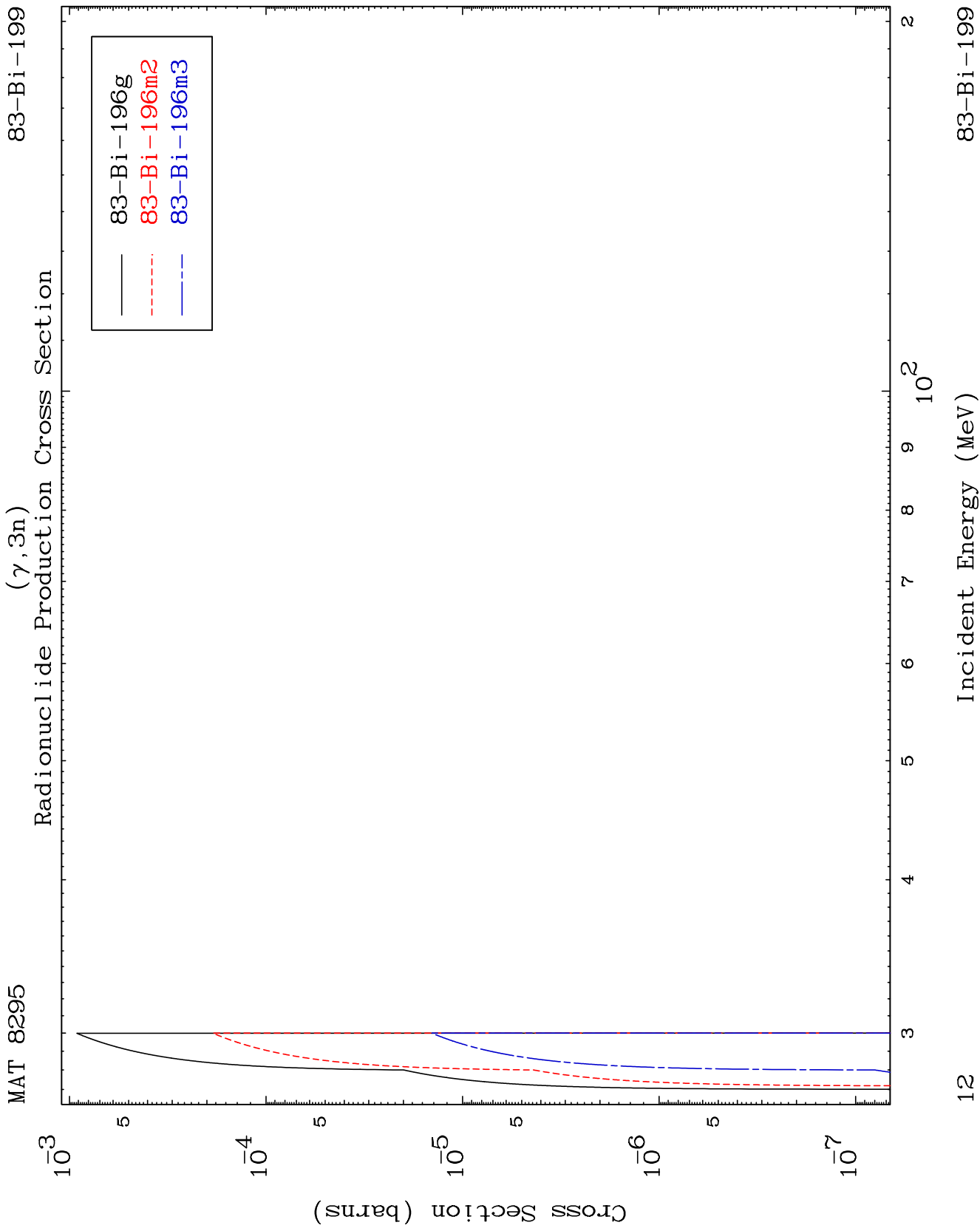
( $\gamma, 2n$ )  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

83-Bi-199

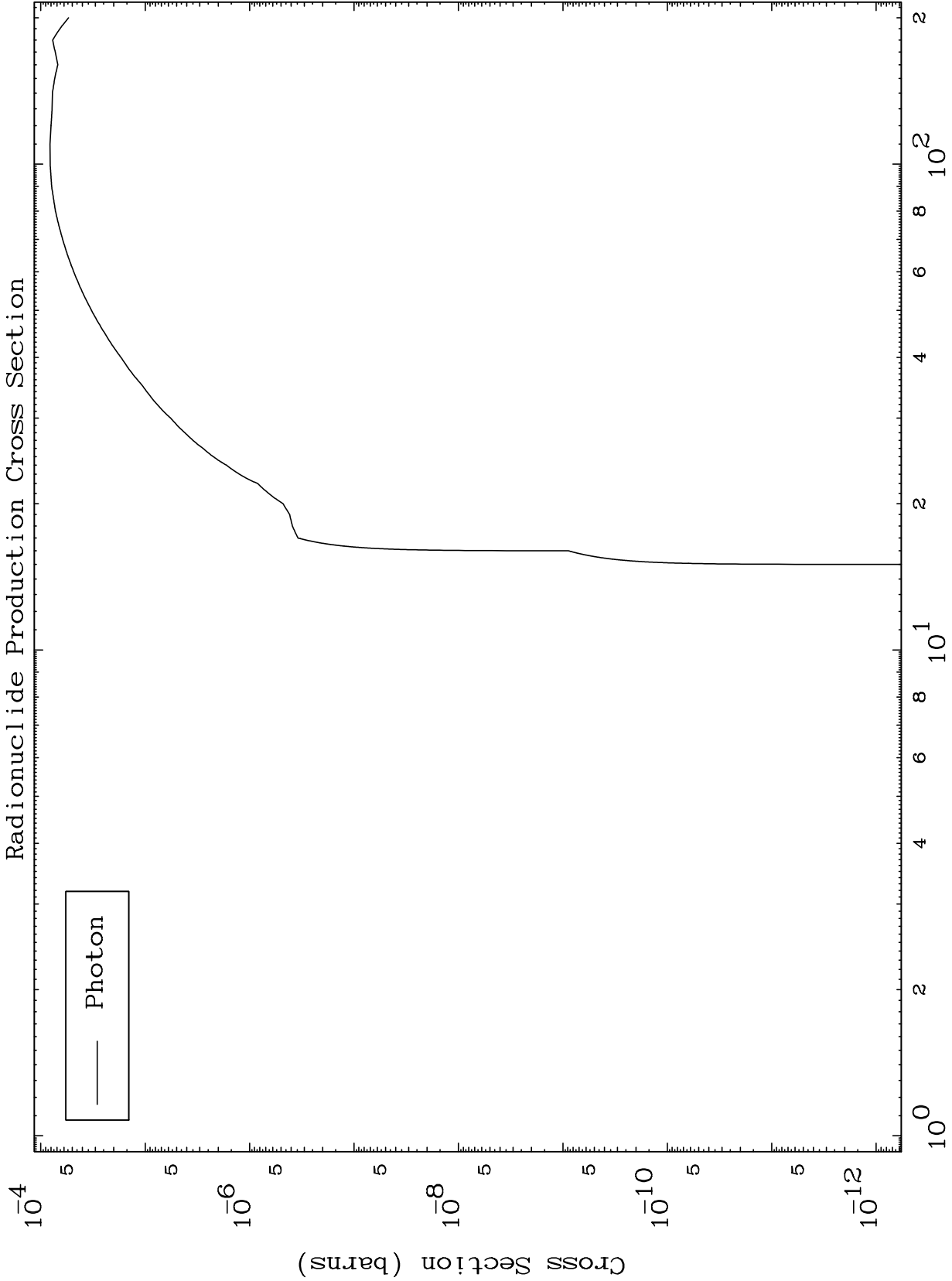


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Photon Fission

83-Bi-199

Radionuclide Production Cross Section



13

Incident Energy (MeV)

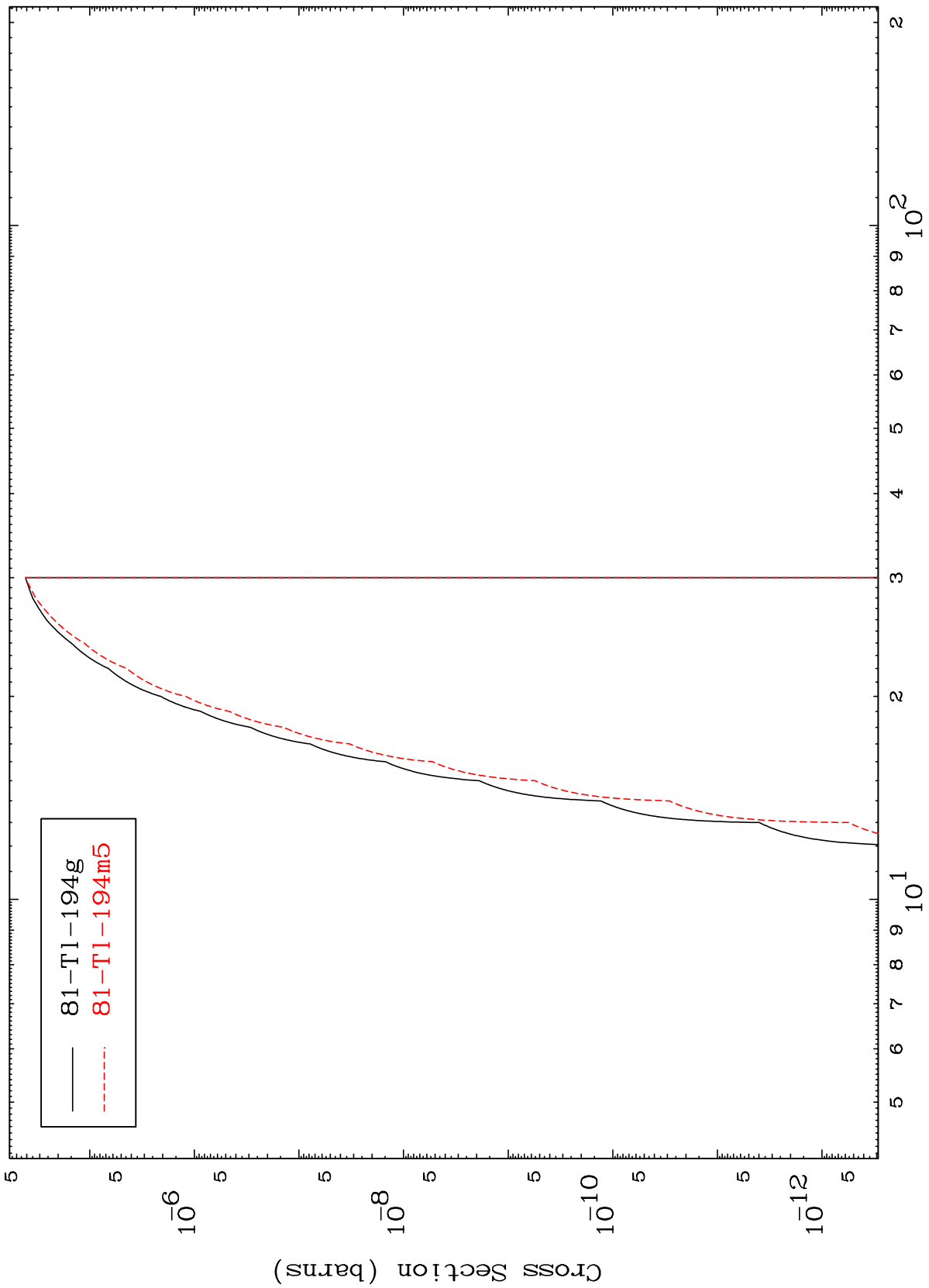
83-Bi-199

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83-Bi-199

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

Radionuclide Production Cross Section



14

Incident Energy (MeV)

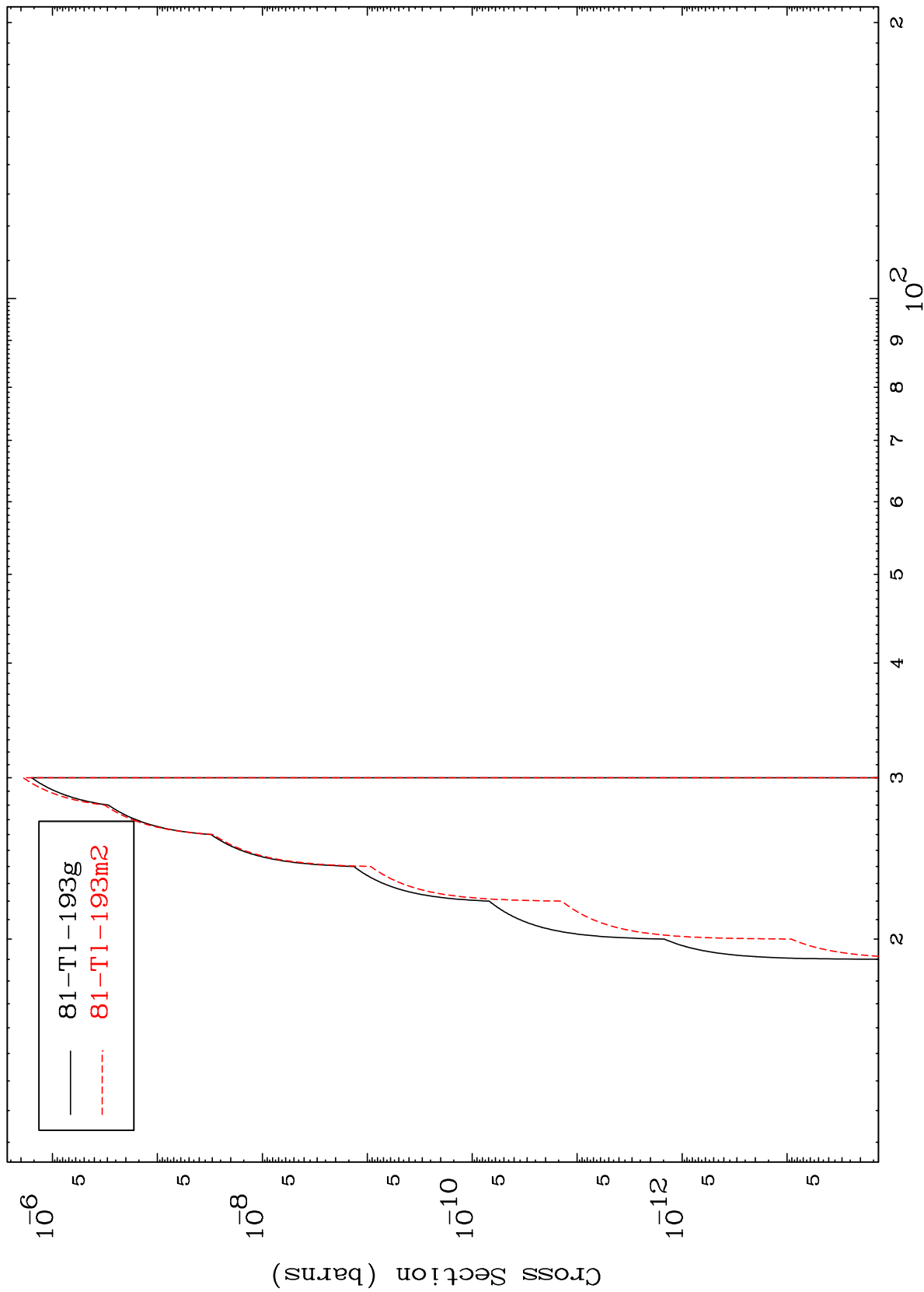
83-Bi-199

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83-Bi-199

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

Radionuclide Production Cross Section



15

Incident Energy (MeV)

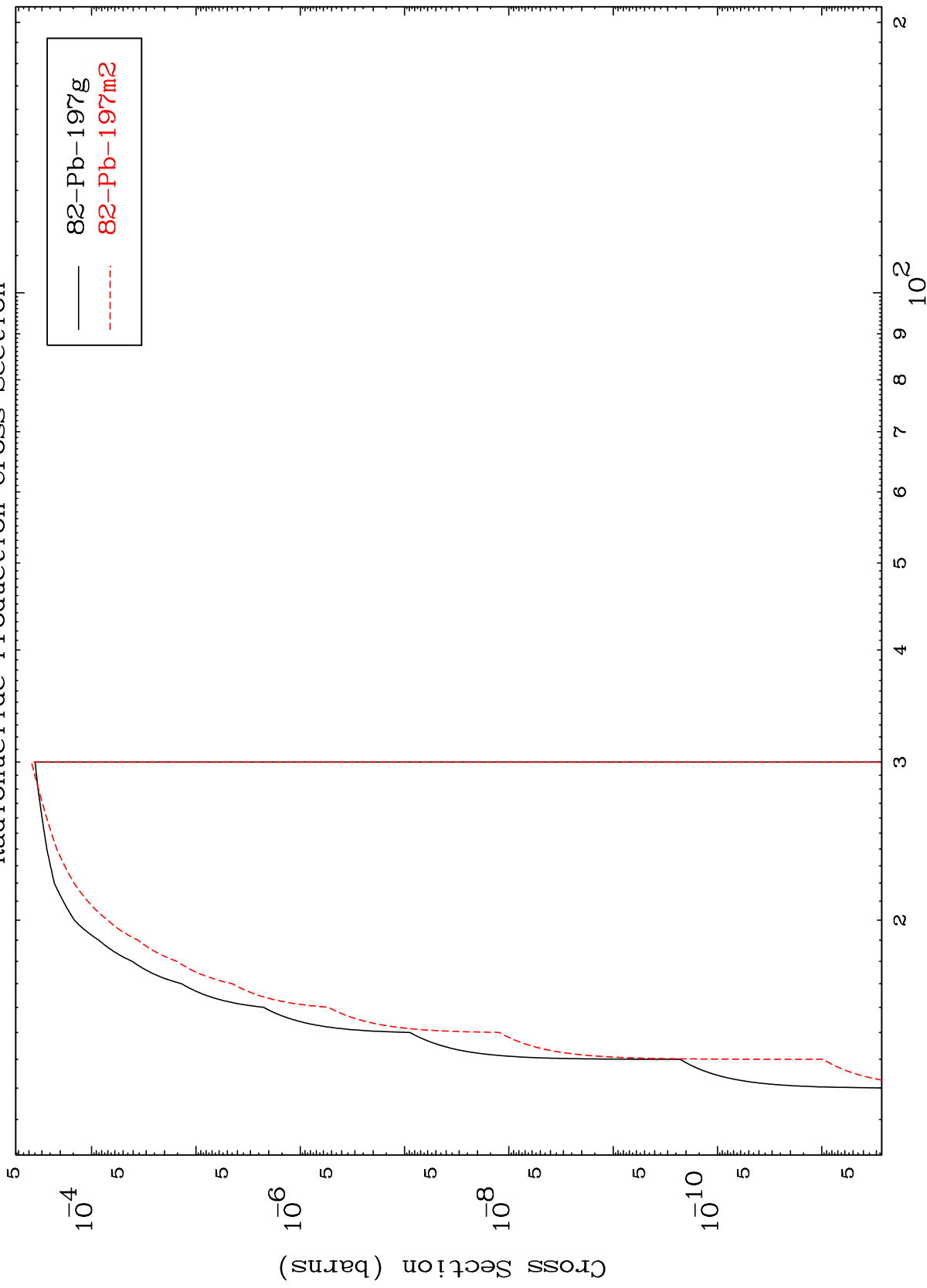
83-Bi-199



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83-Bi-199

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



16

Incident Energy (MeV)

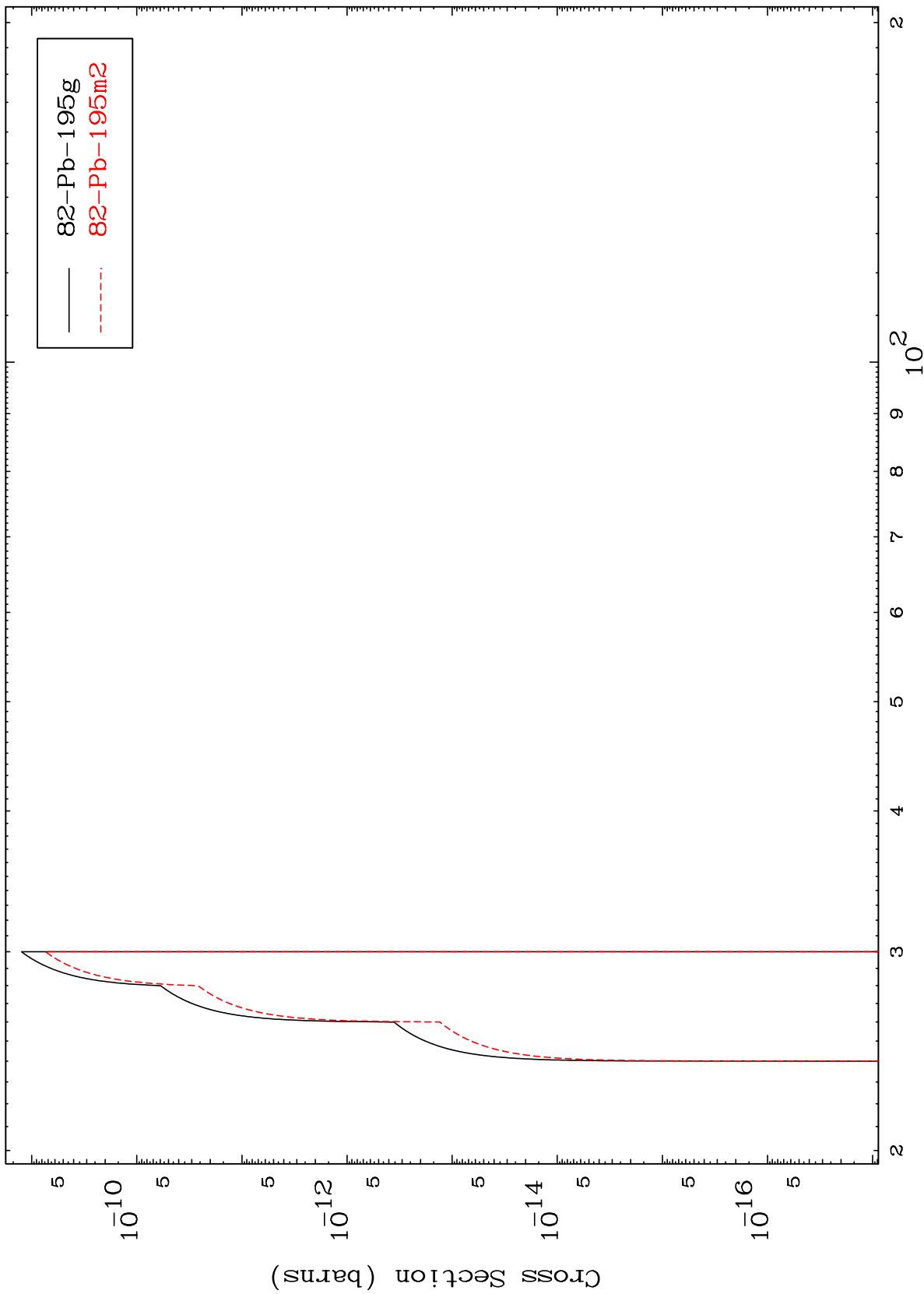
83-Bi-199

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$(\gamma, n')$  t

83-Bi-199

Radionuclide Production Cross Section



17

Incident Energy (MeV)

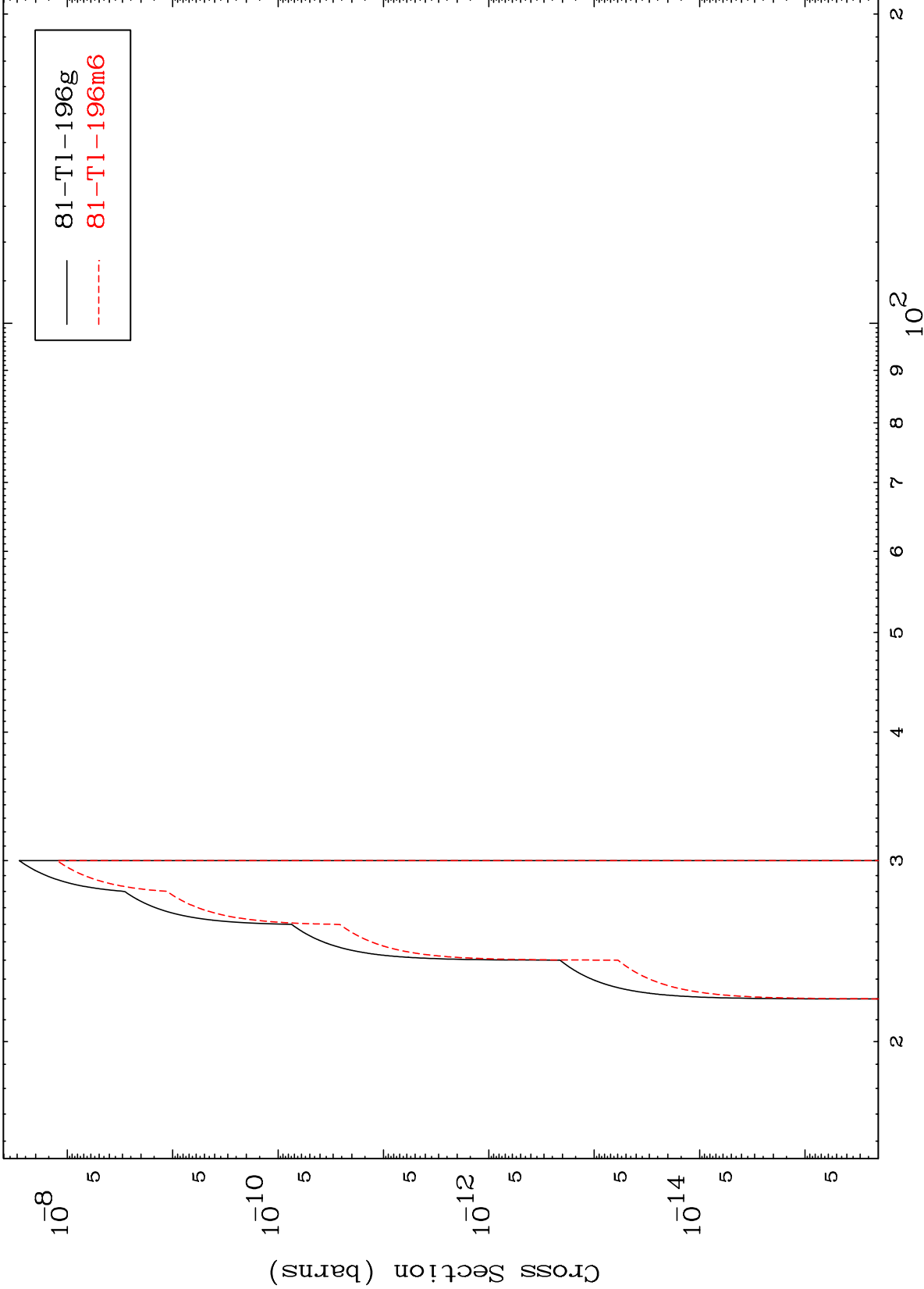
83-Bi-199

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( $\gamma, 2n$ ) p

83-Bi-199

Radionuclide Production Cross Section



18

Incident Energy (MeV)

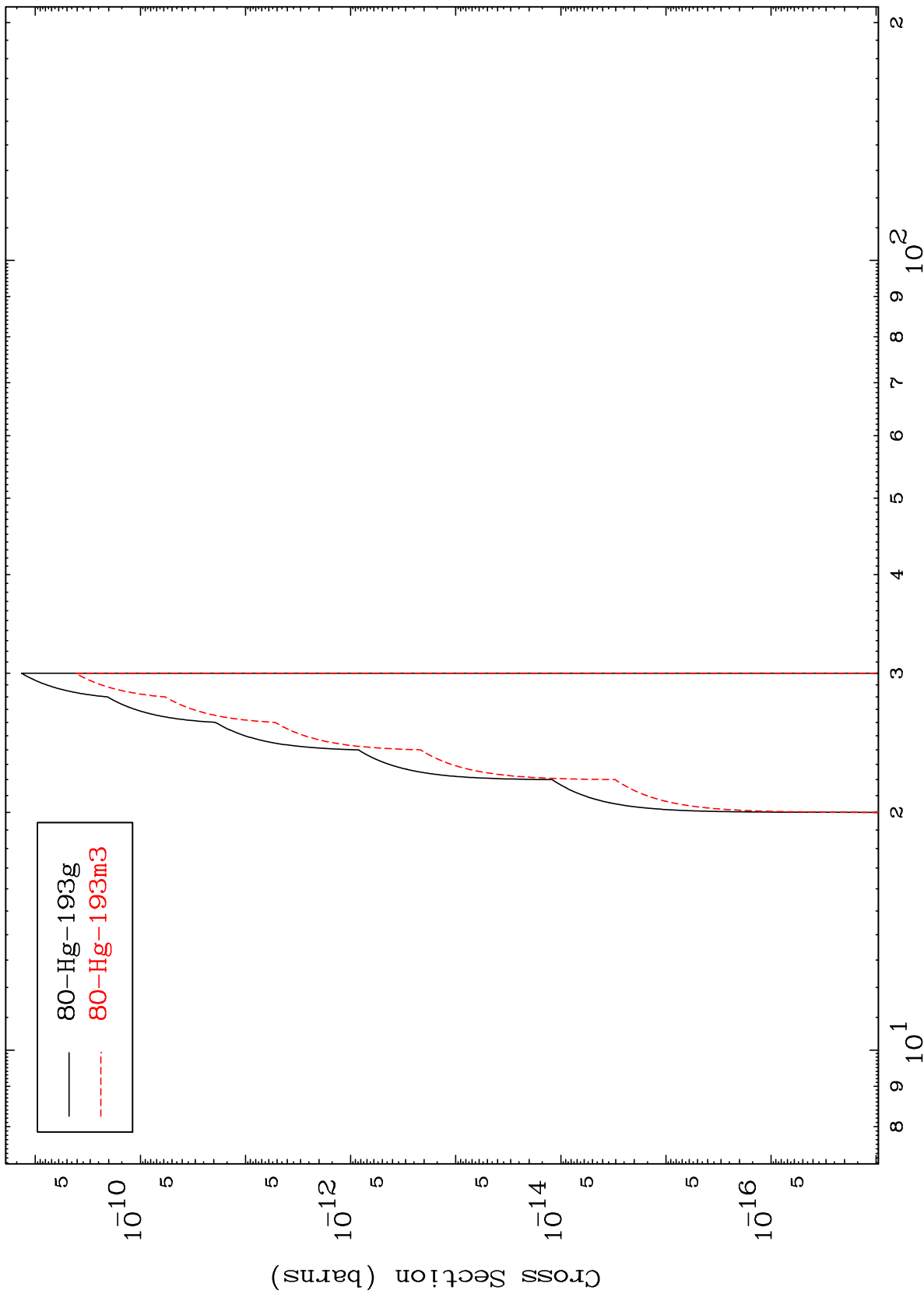
83-Bi-199

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83-Bi-199

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

Radionuclide Production Cross Section



19

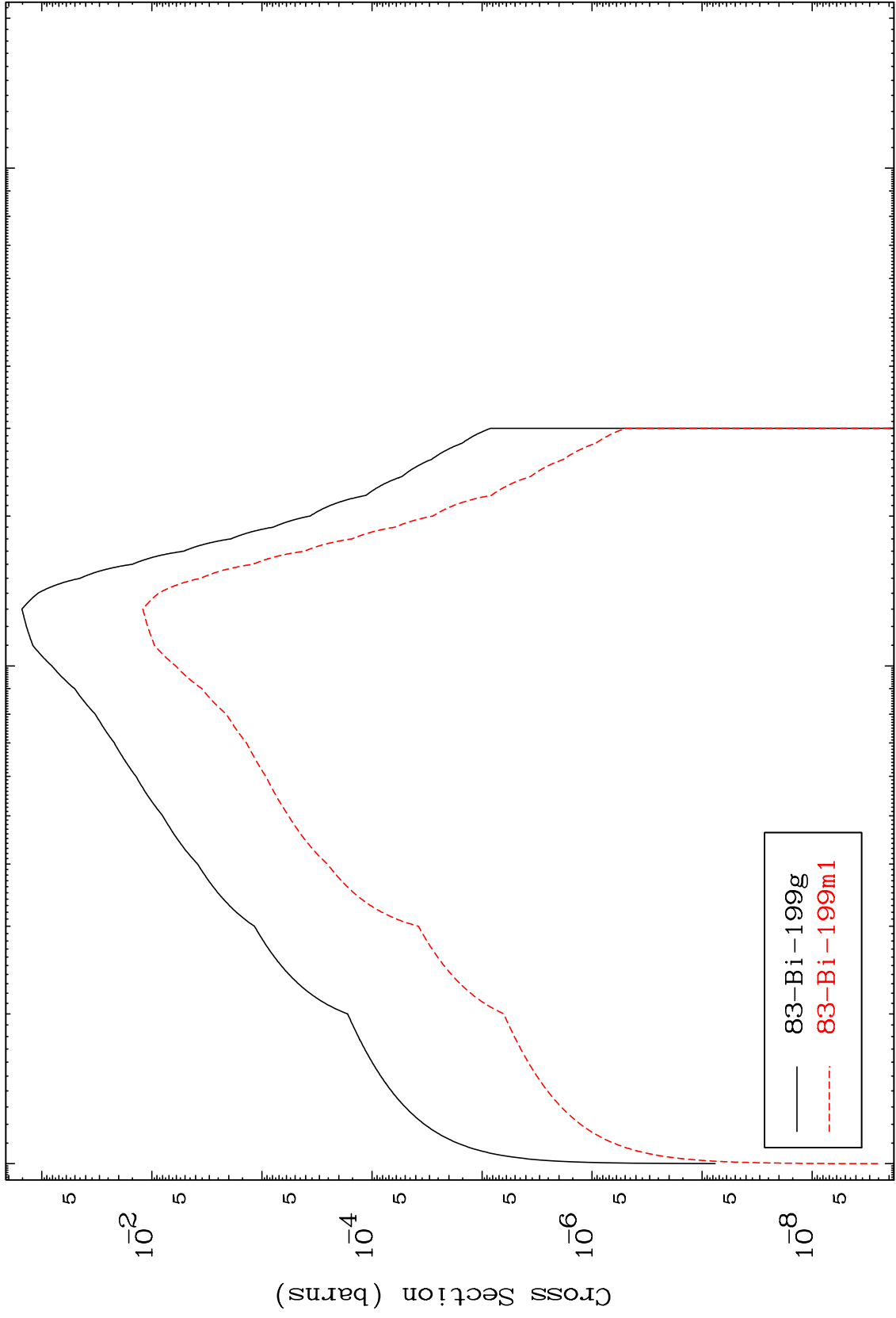
Incident Energy (MeV)

83-Bi-199

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83-Bi-199

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



83-Bi-199

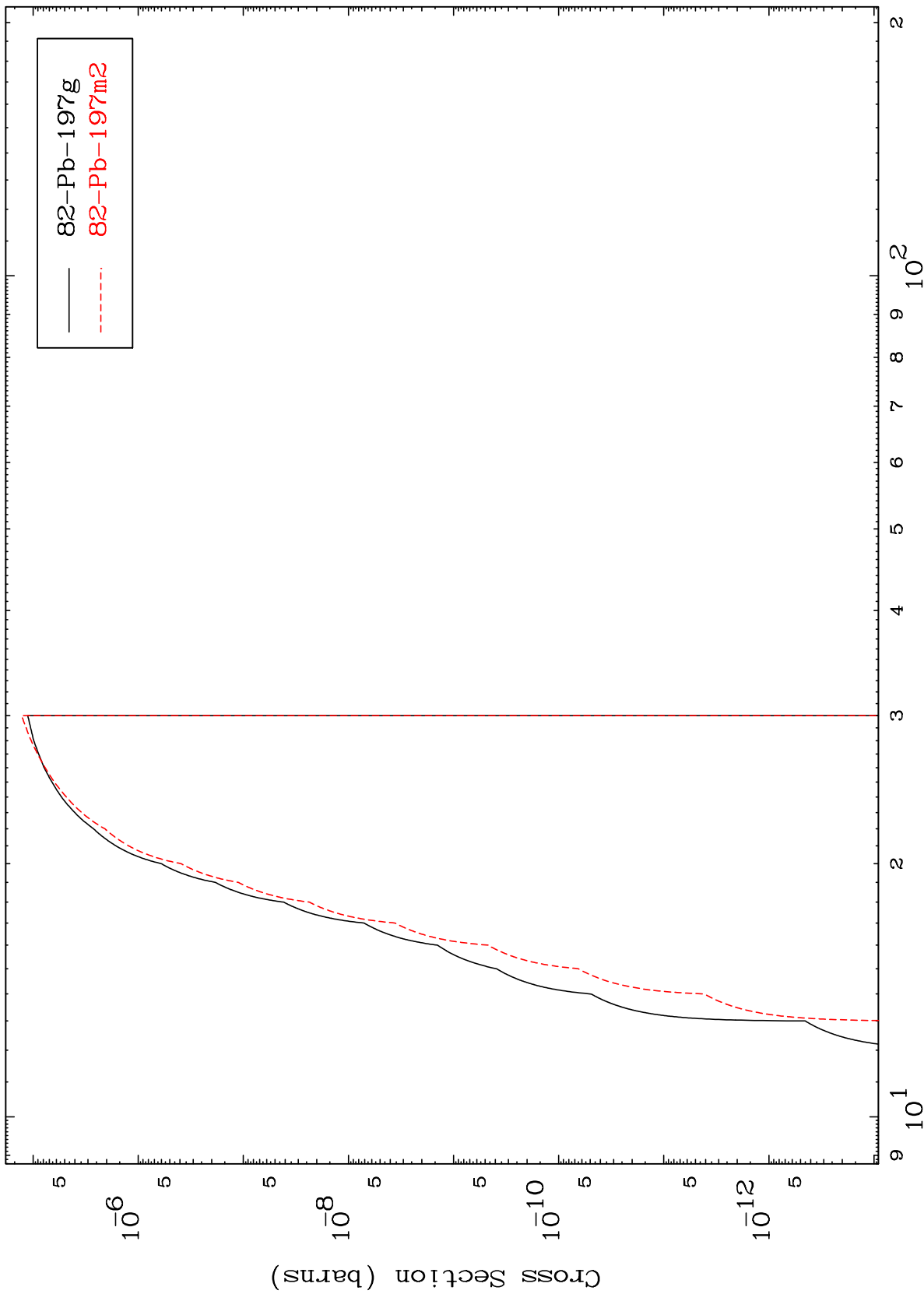
Incident Energy (MeV)

20

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83-Bi-199

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



83-Bi-199

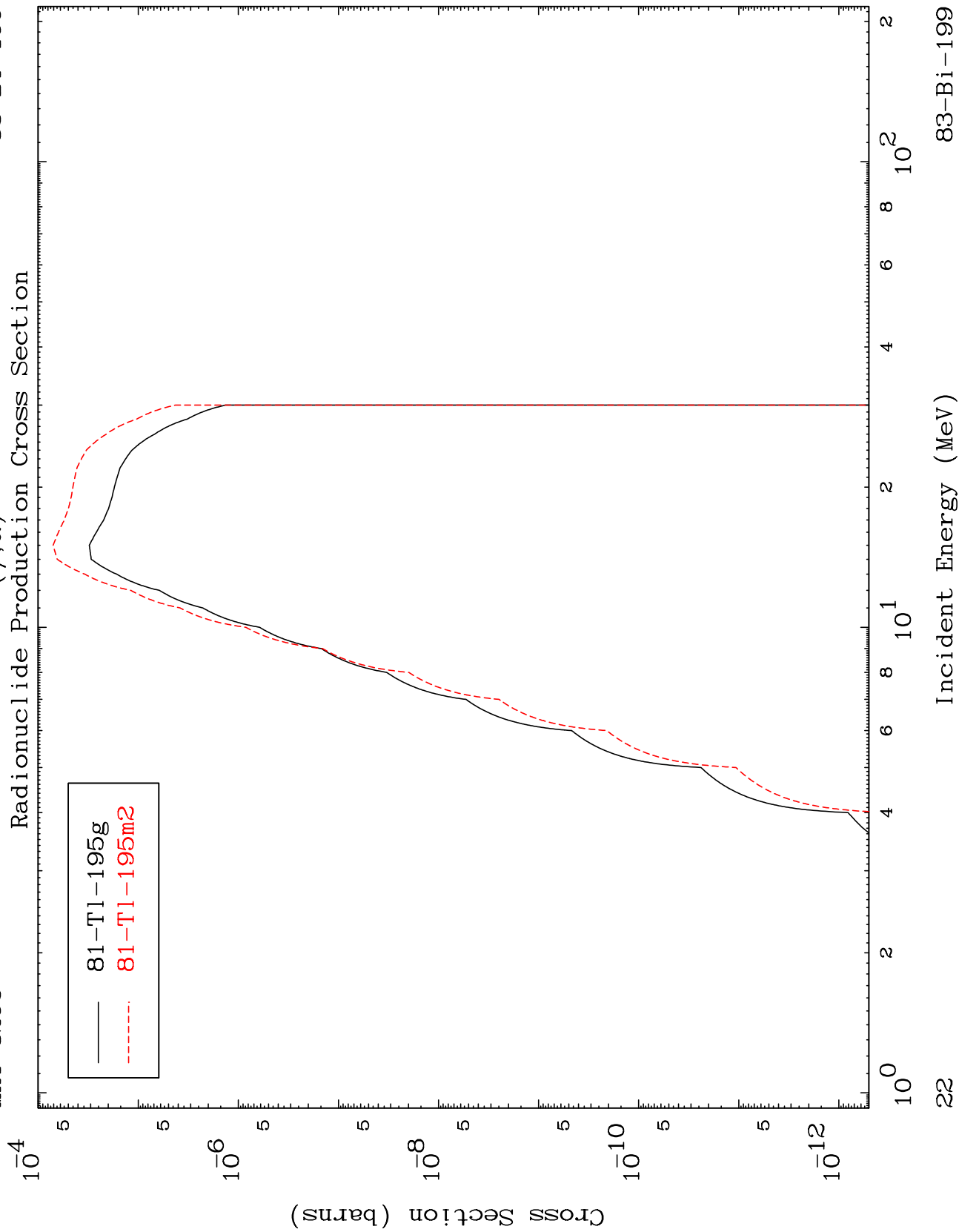
Incident Energy (MeV)

21

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83-Bi-199

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



83-Bi-199

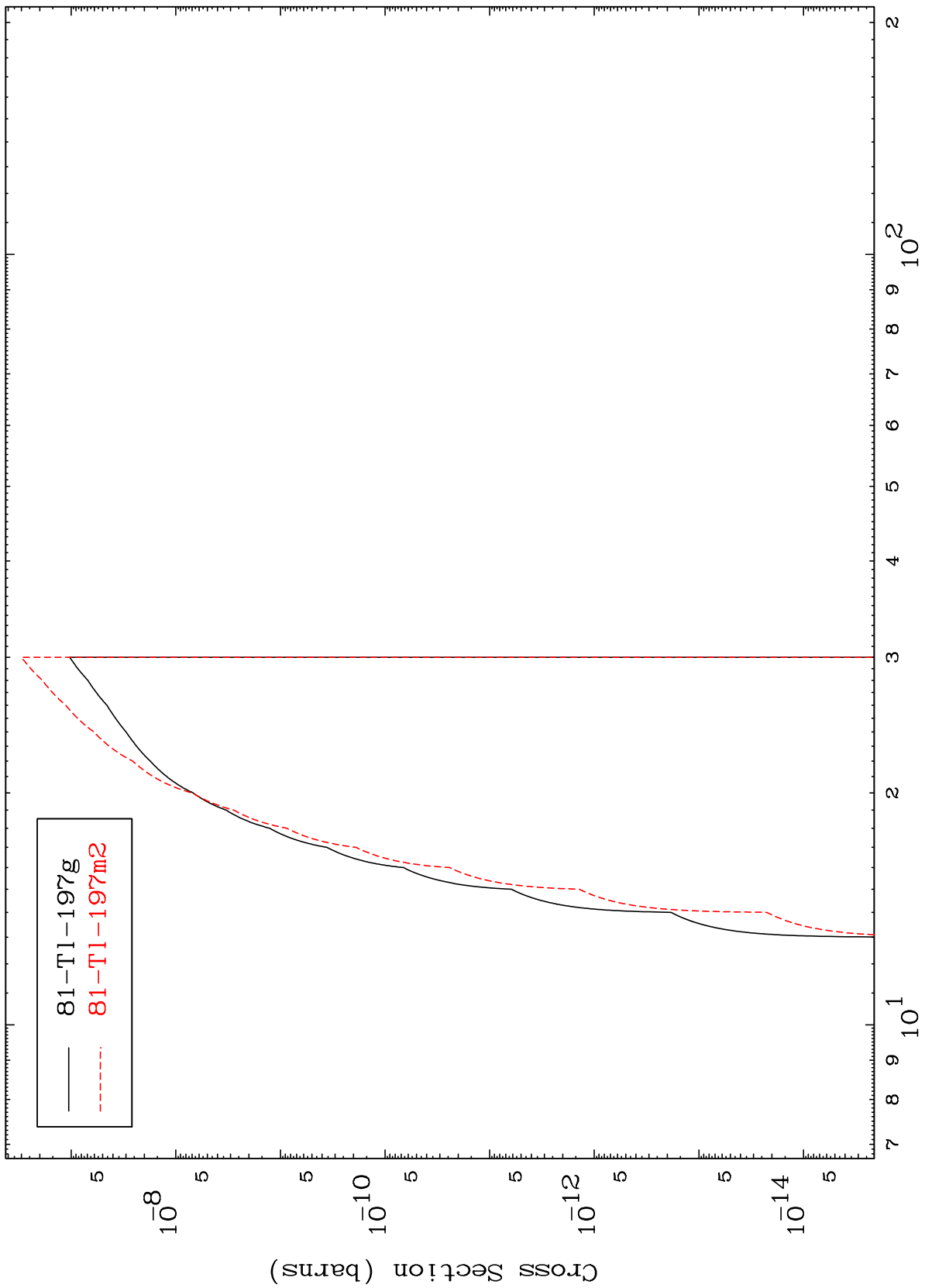
Incident Energy (MeV)

22

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83-Bi-199

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



23

Incident Energy (MeV)

83-Bi-199