

Program EVALPLOT
(Version 2018-1)

by

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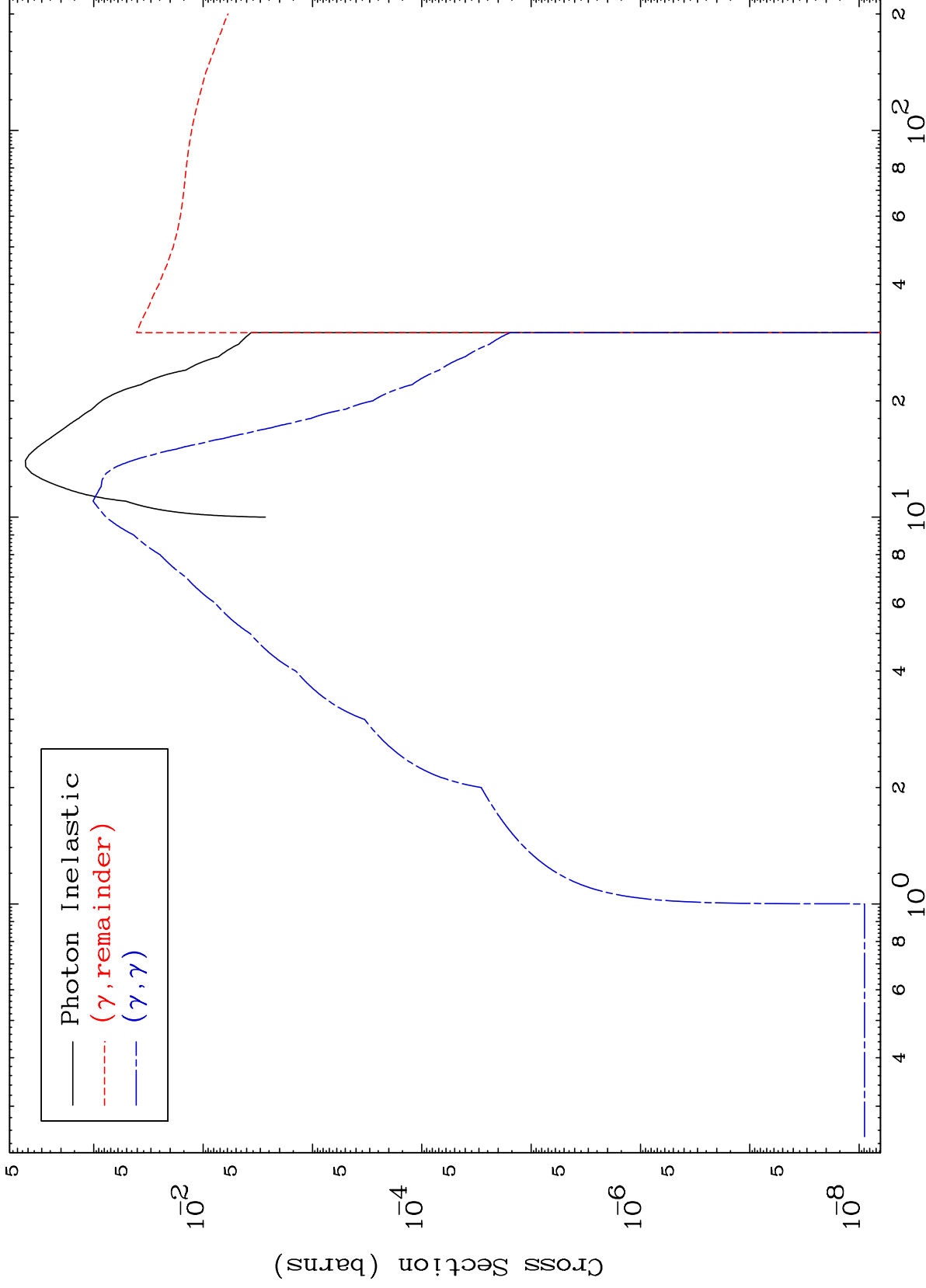
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Press Mouse Button to Start

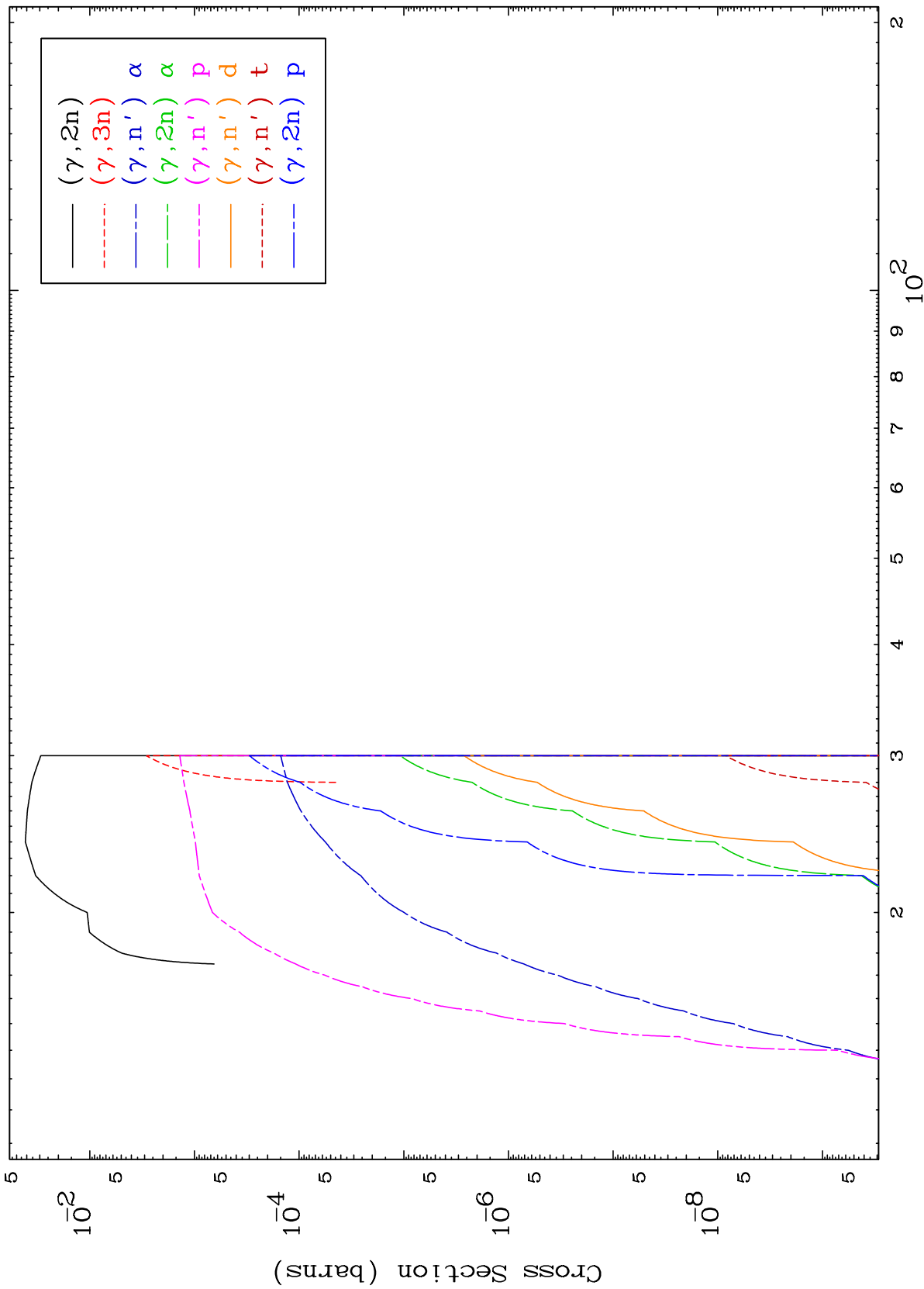
MAT 8295

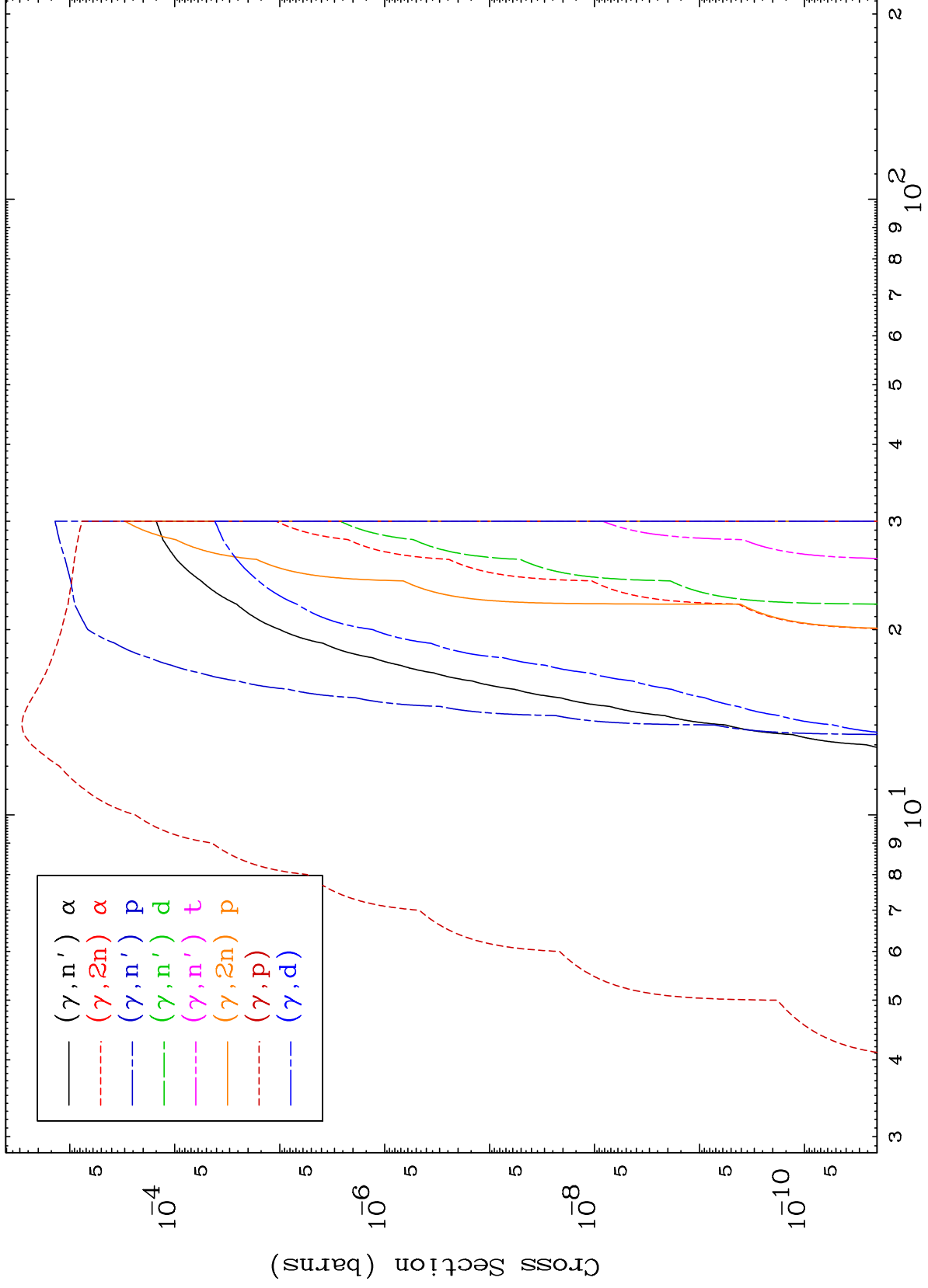
Photon Major
0 Kelvin Cross Sections

83-Bi-199



— Photon Inelastic
- - - (γ, remainder)
- . - (γ, γ)

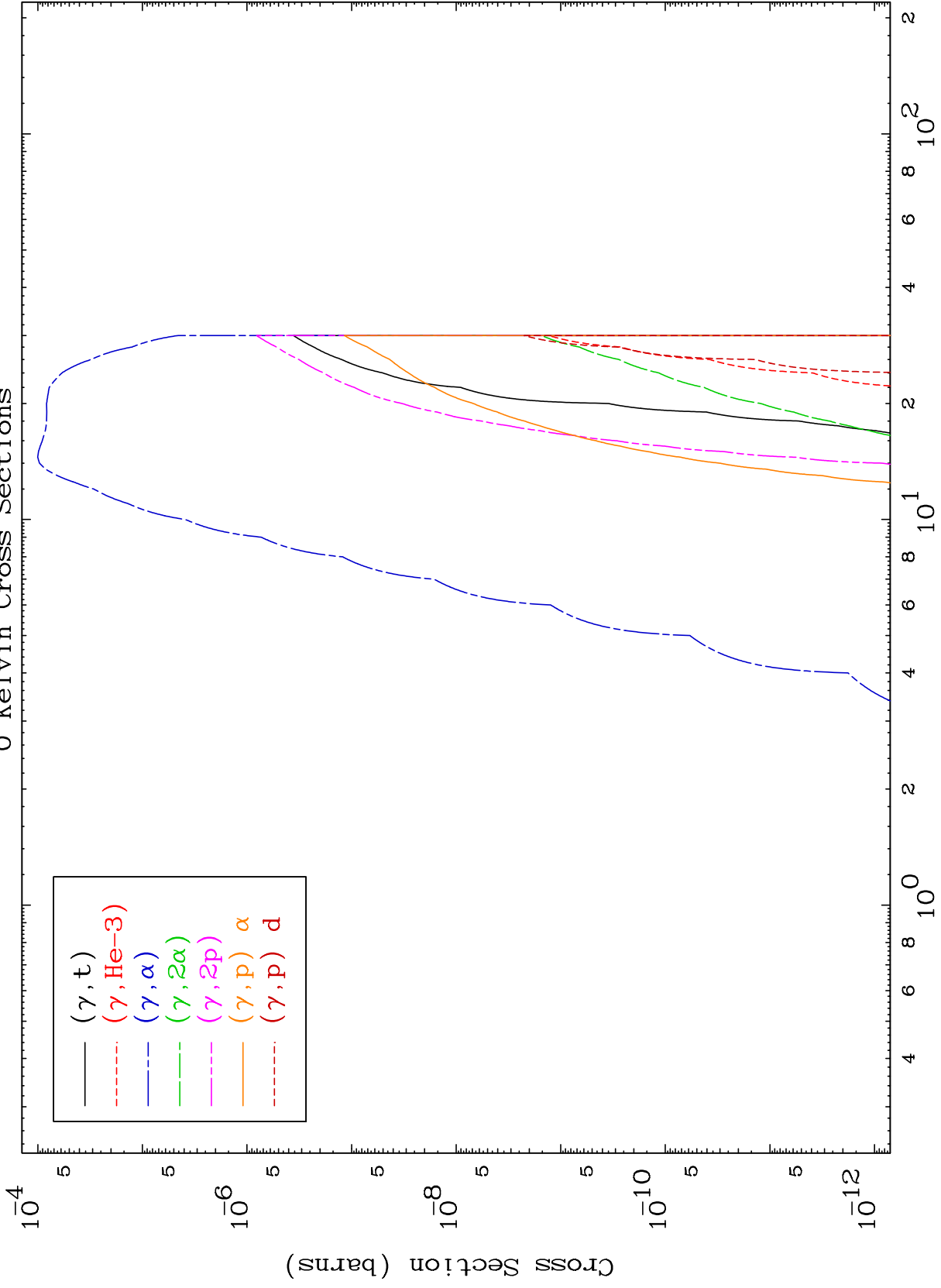




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Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-199

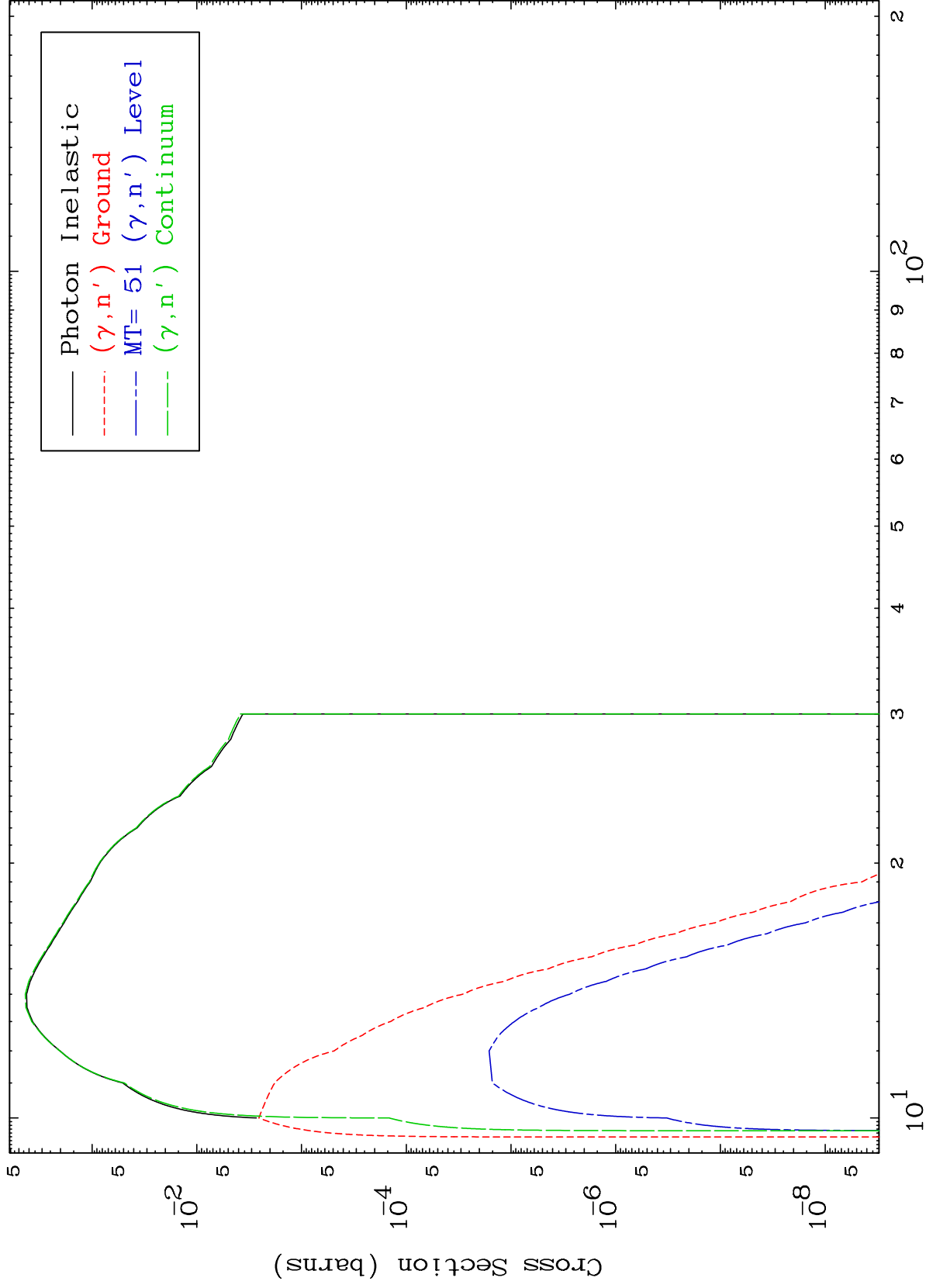


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(γ, n') Level

83-Bi-199

0 Kelvin Cross Sections



Incident Energy (MeV)

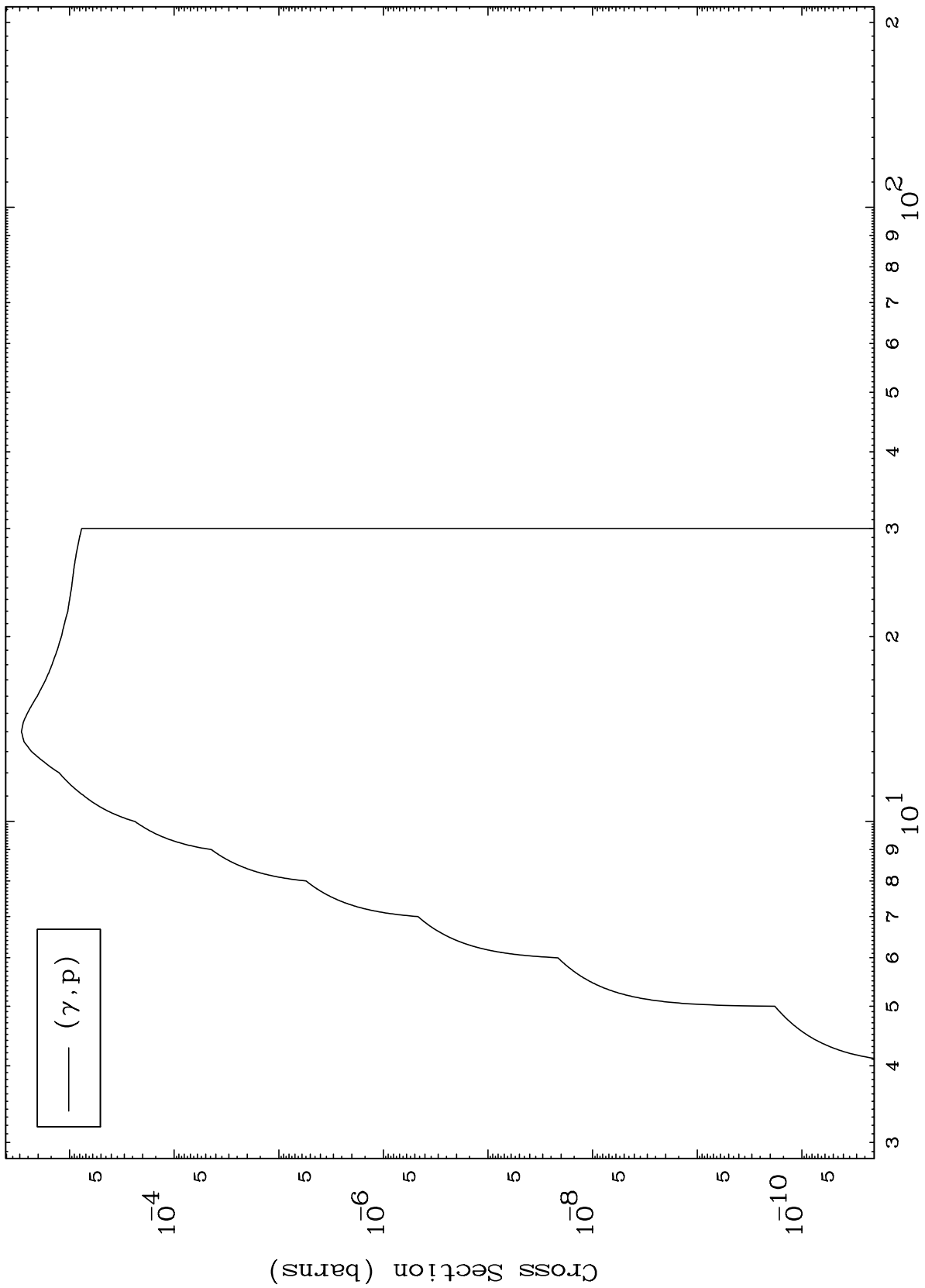
83-Bi-199

MAT 8295

(γ, p) Levels

83-Bi-199

0 Kelvin Cross Sections



Incident Energy (MeV)

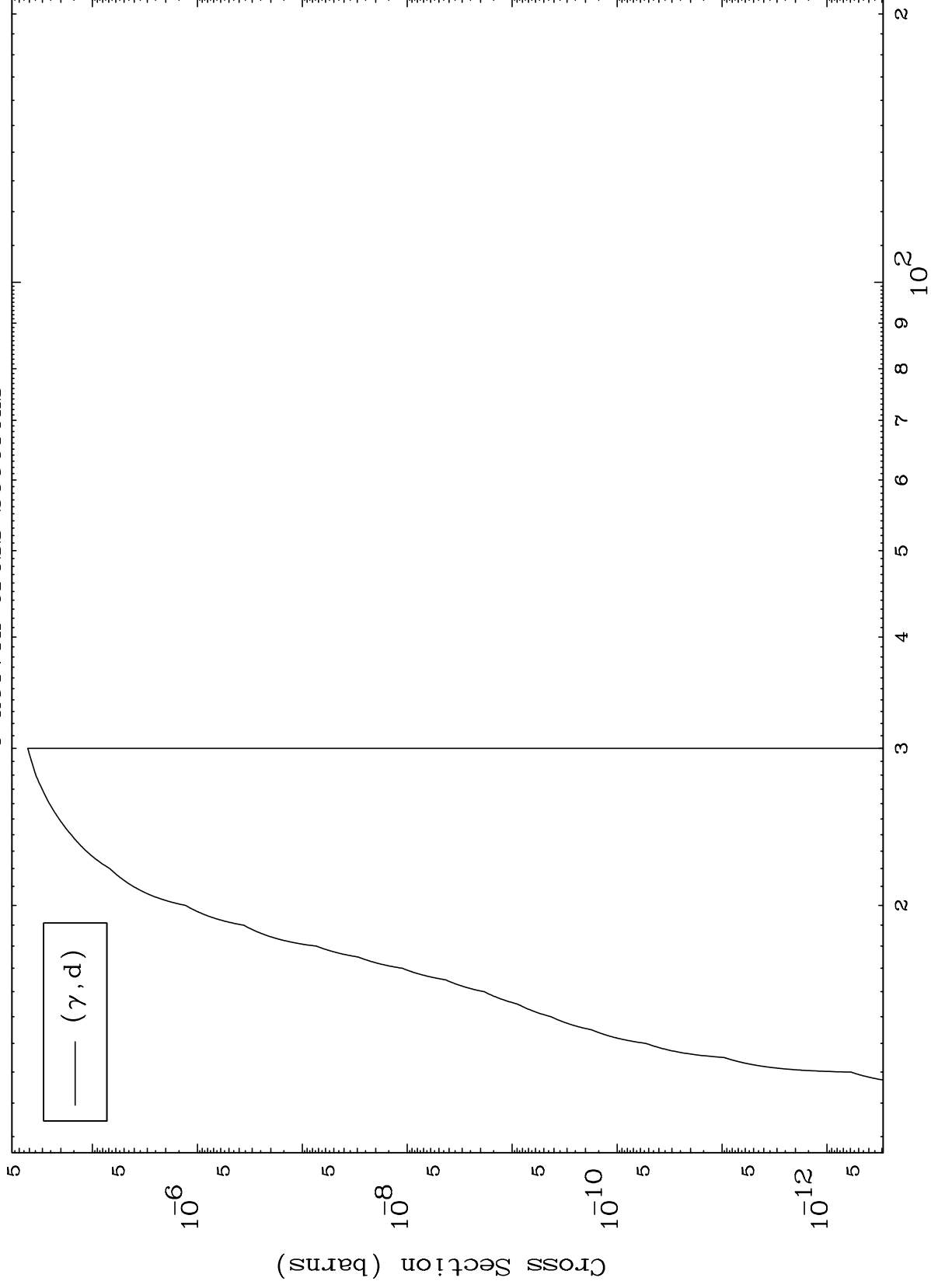
83-Bi-199

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(γ, d) Levels
0 Kelvin Cross Sections

83-Bi-199



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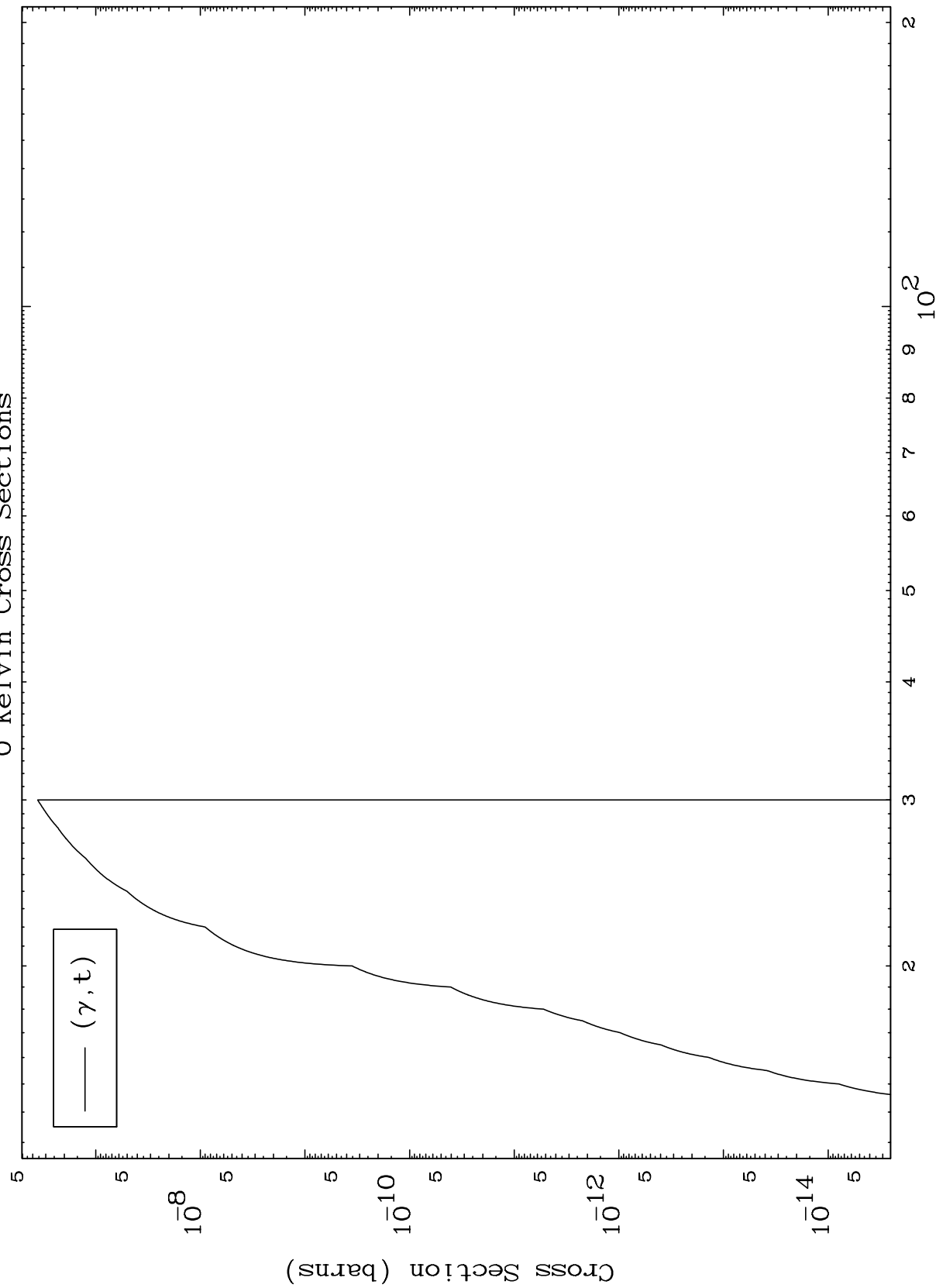
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

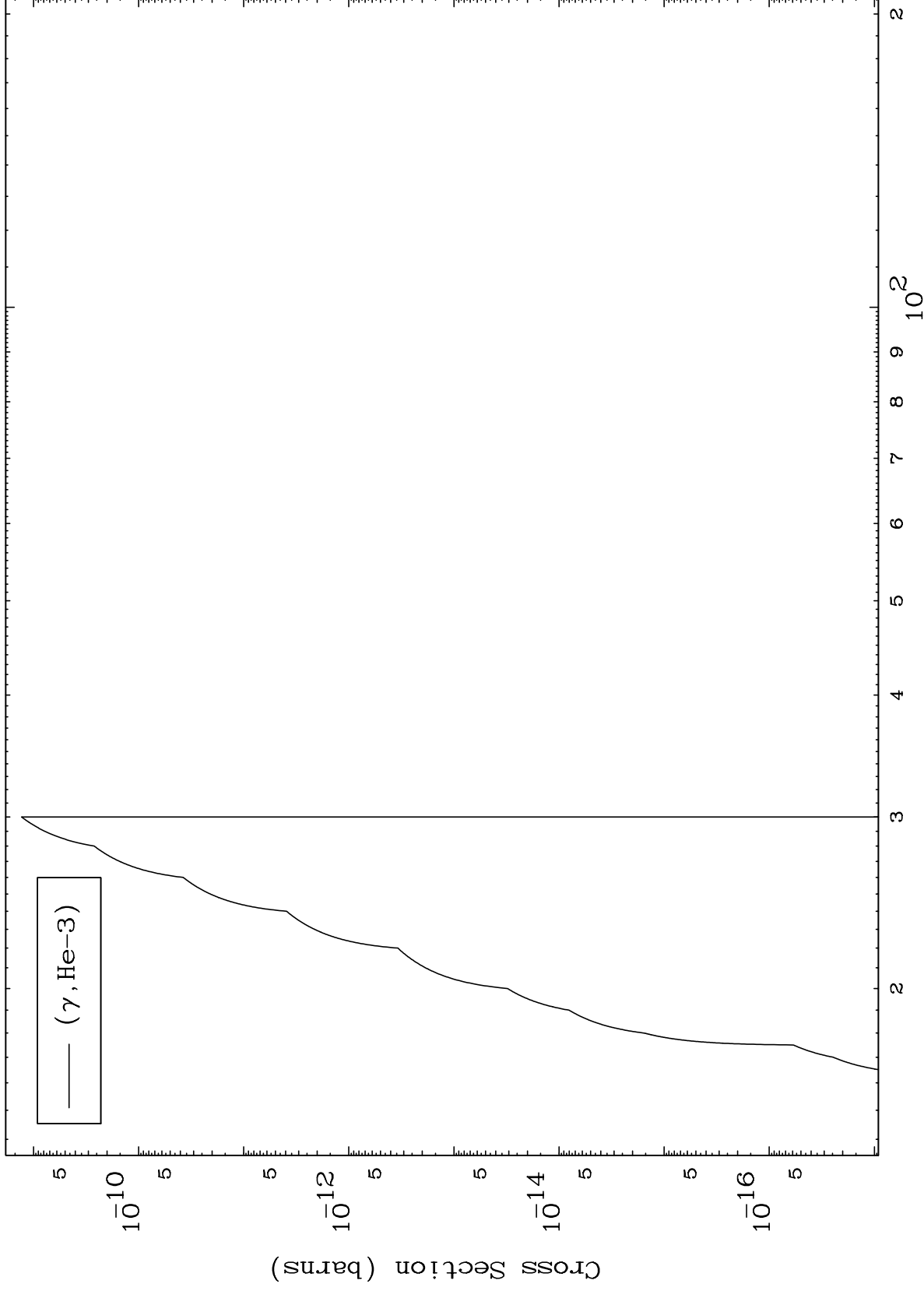
(γ, t) Levels
0 Kelvin Cross Sections



83-Bi-199

Incident Energy (MeV)

8

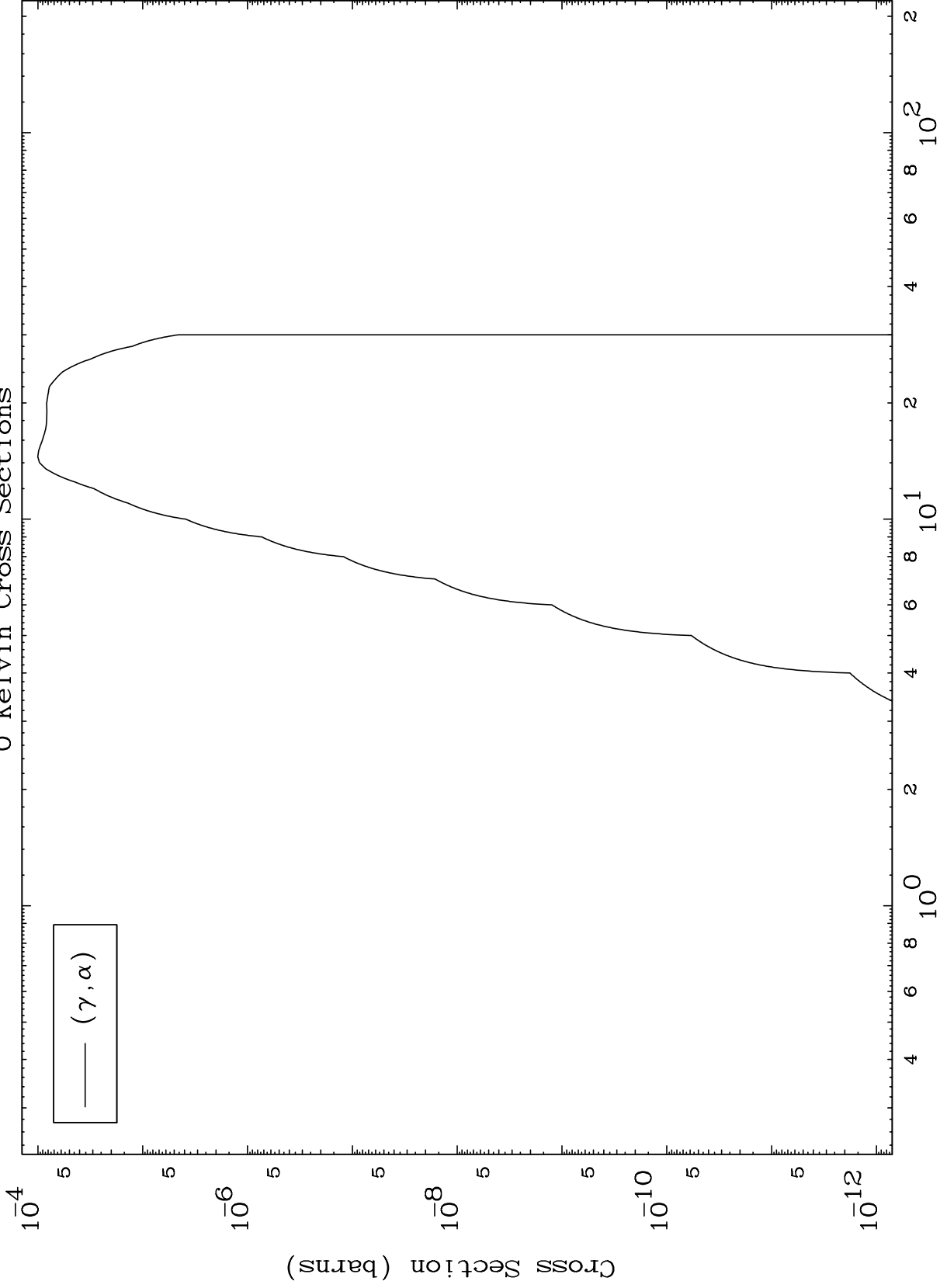


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(γ, α) Levels

83-Bi-199

0 Kelvin Cross Sections



10

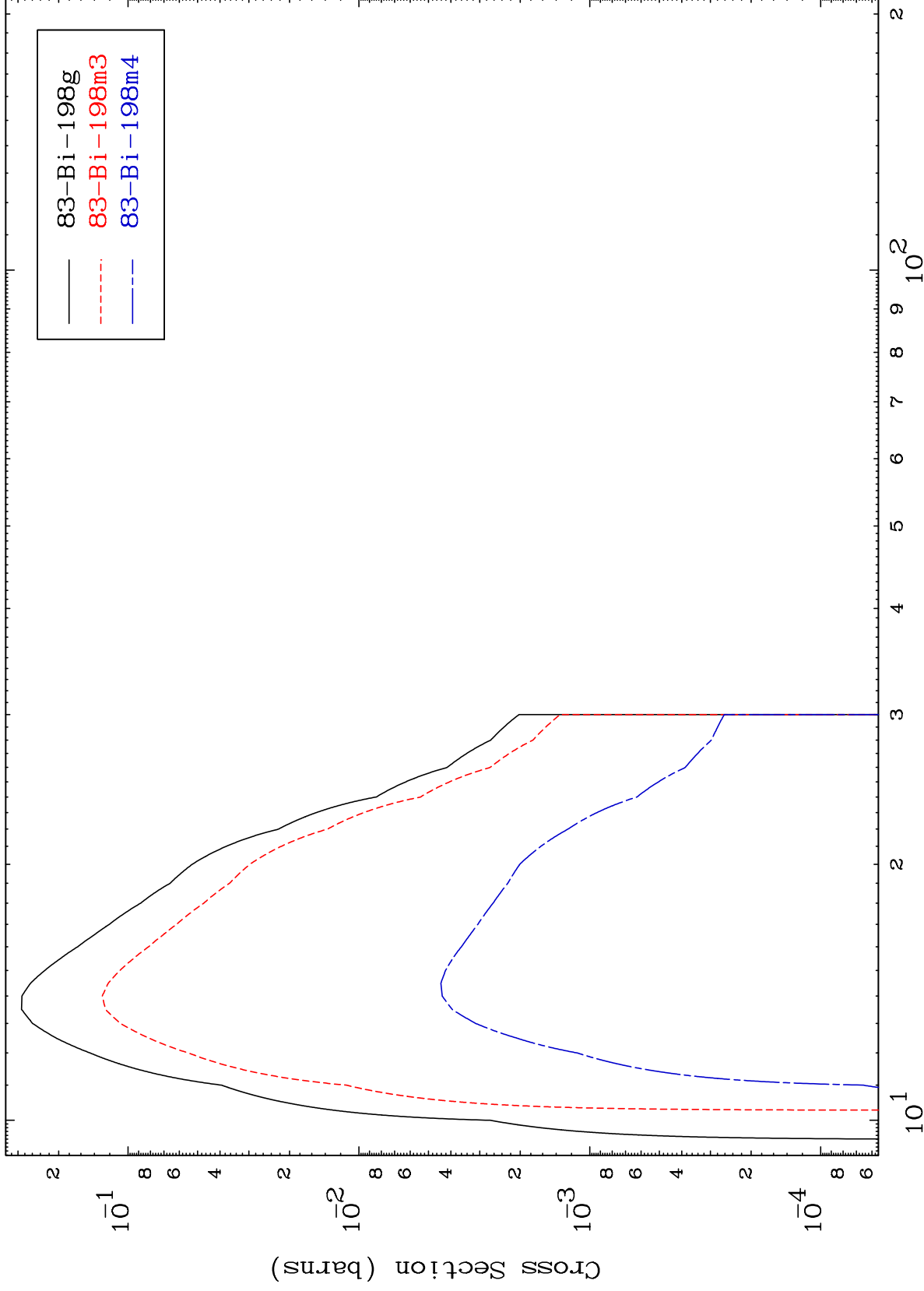
Incident Energy (MeV)

83-Bi-199

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Photon Inelastic
Radionuclide Production Cross Section

83-Bi-199



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

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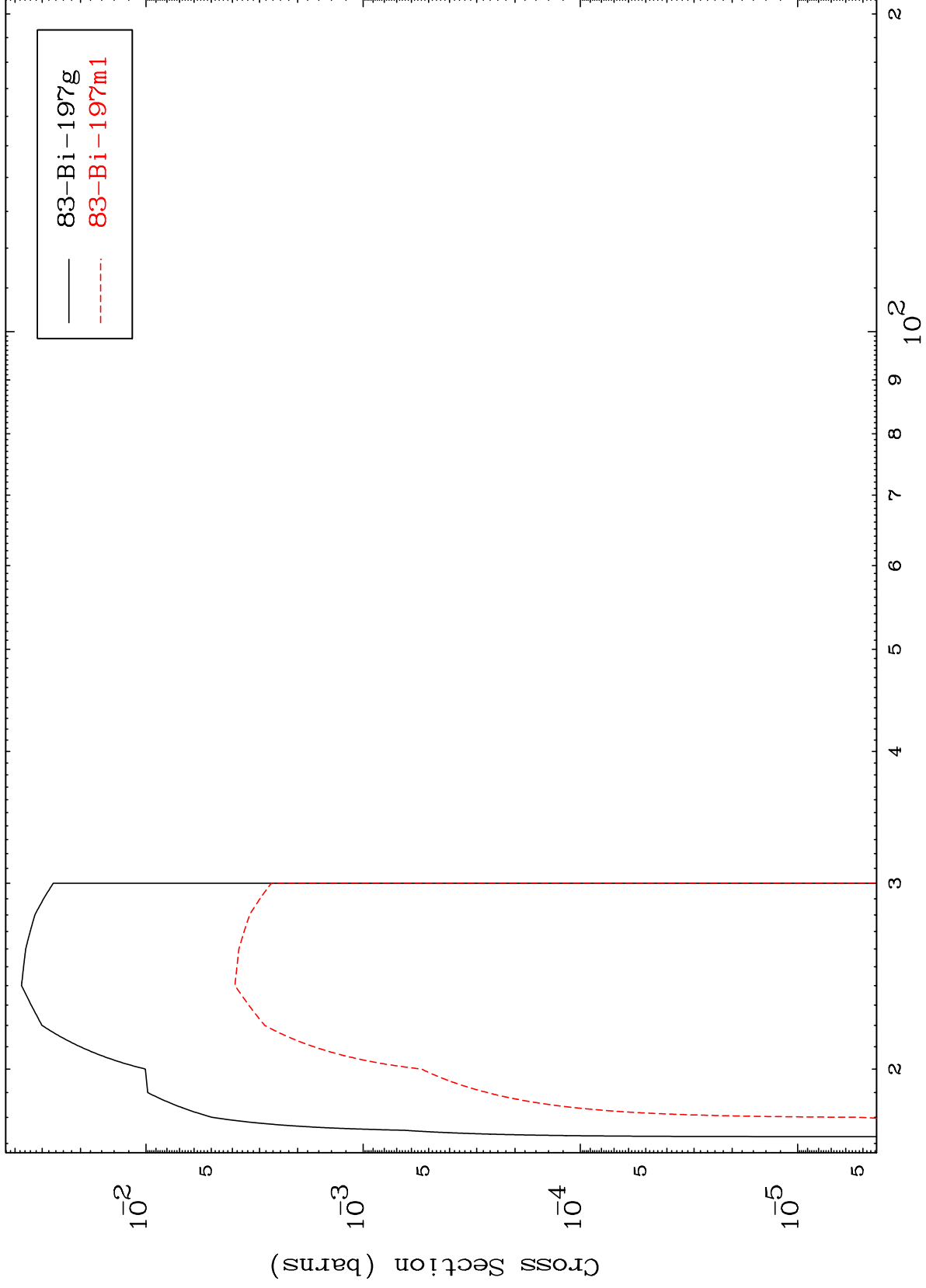
Incident Energy (MeV)

83-Bi-199

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83-Bi-199

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



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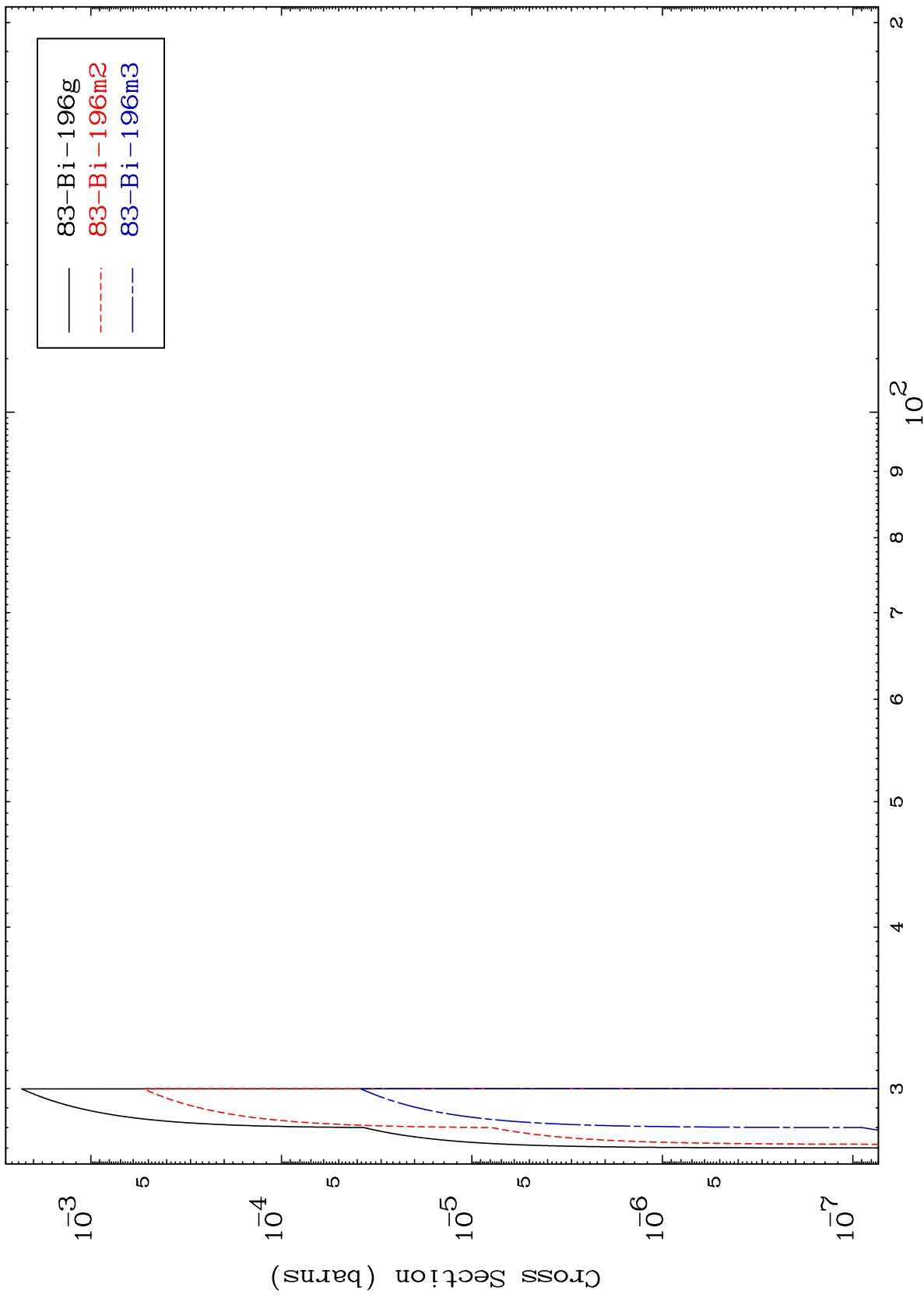
Incident Energy (MeV)

83-Bi-199

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83-Bi-199

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



13

83-Bi-199

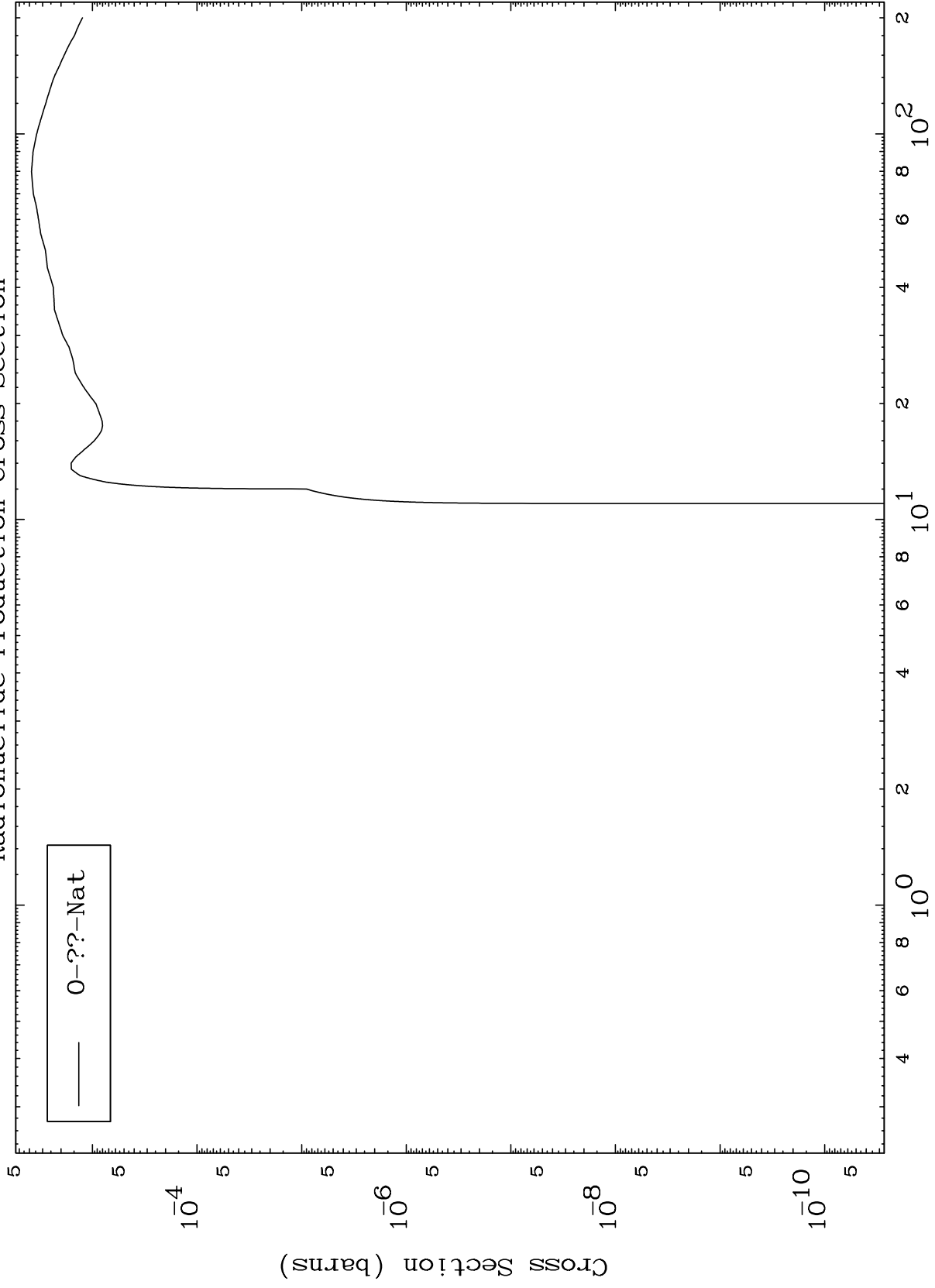
Incident Energy (MeV)

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Photon Fission

83-Bi-199

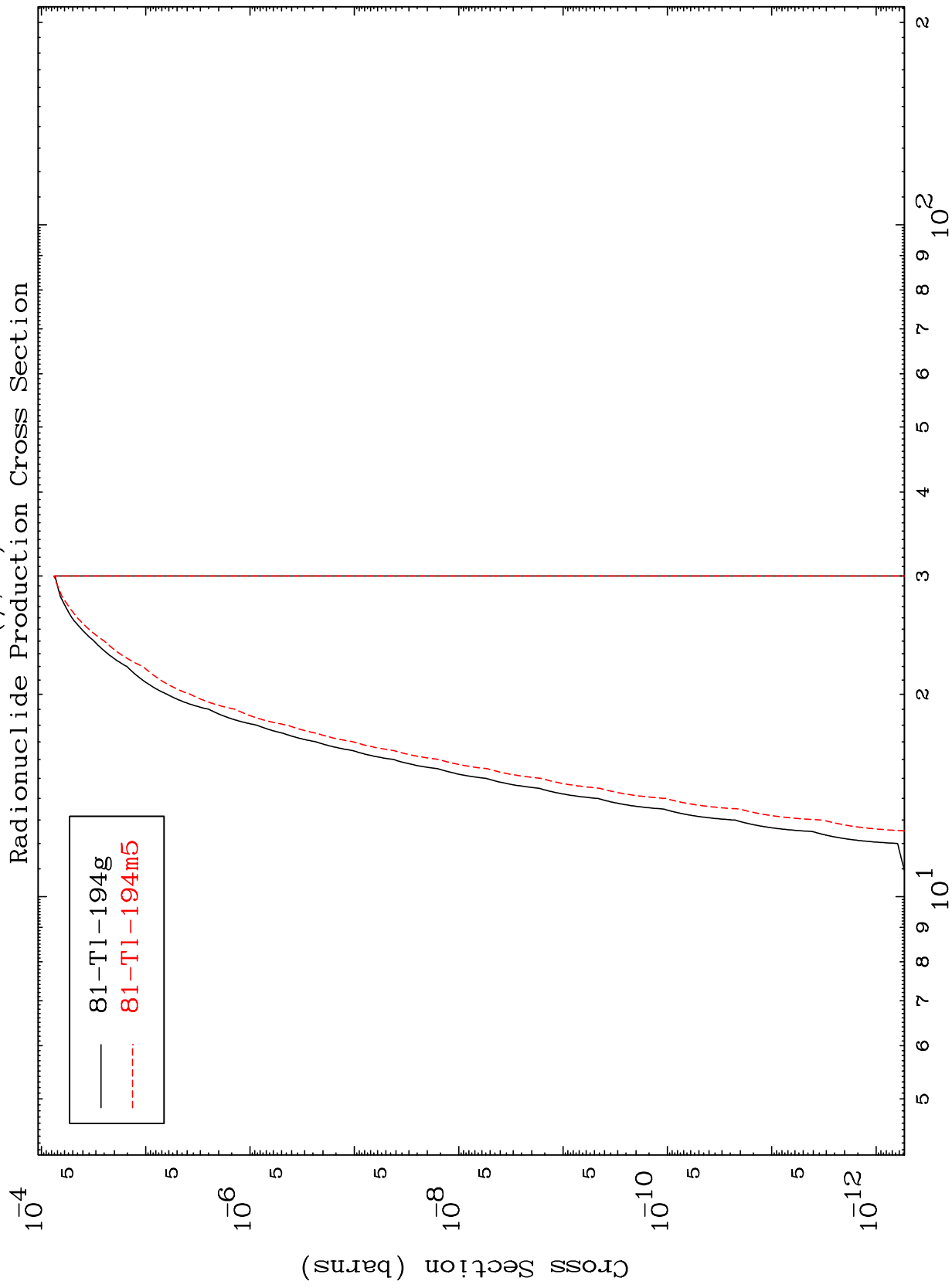
Radionuclide Production Cross Section



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83-Bi-199

(γ, n') α



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Incident Energy (MeV)

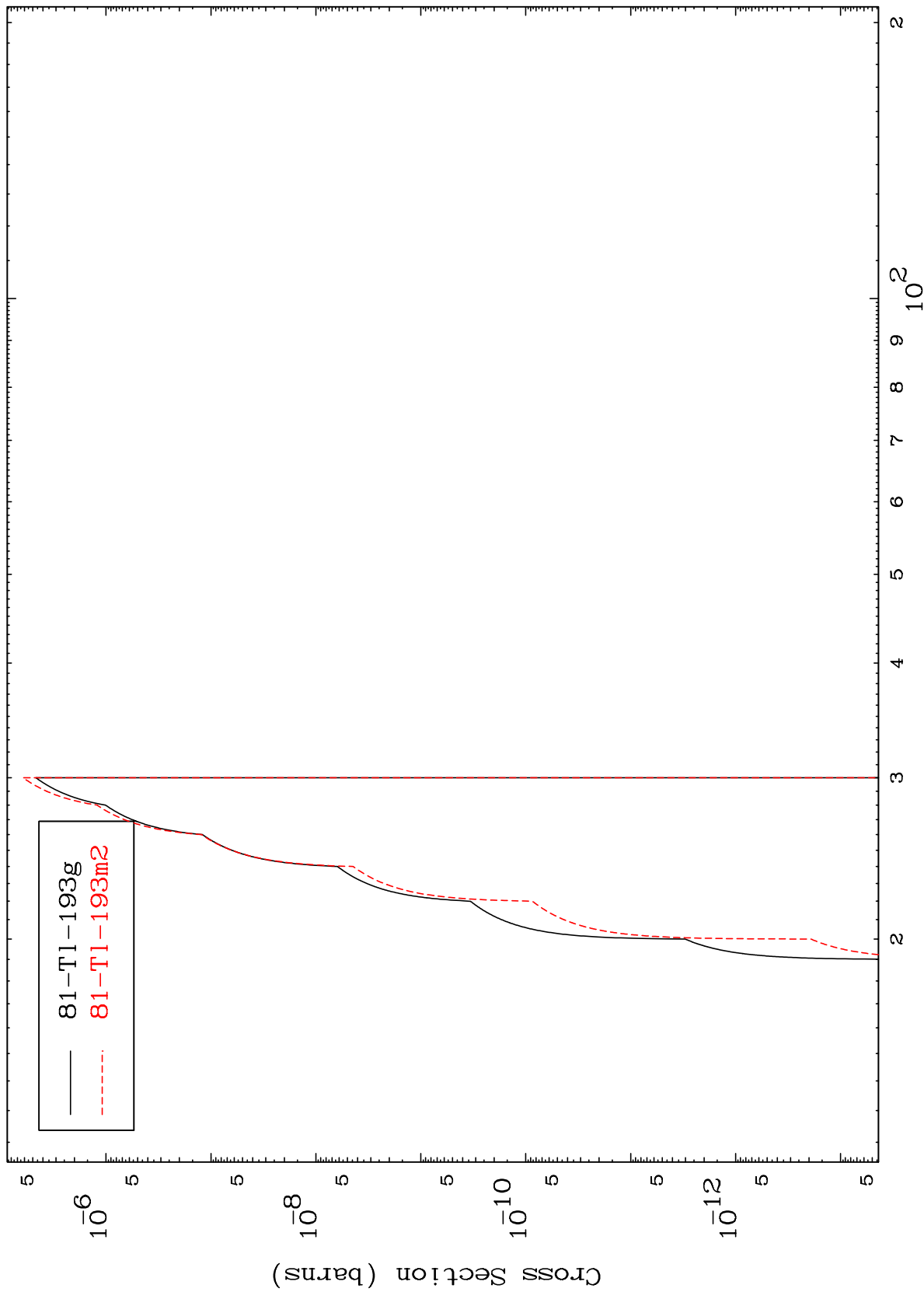
83-Bi-199

MAT 8295

83-Bi-199

($\gamma, 2n$) α

Radionuclide Production Cross Section



16

Incident Energy (MeV)

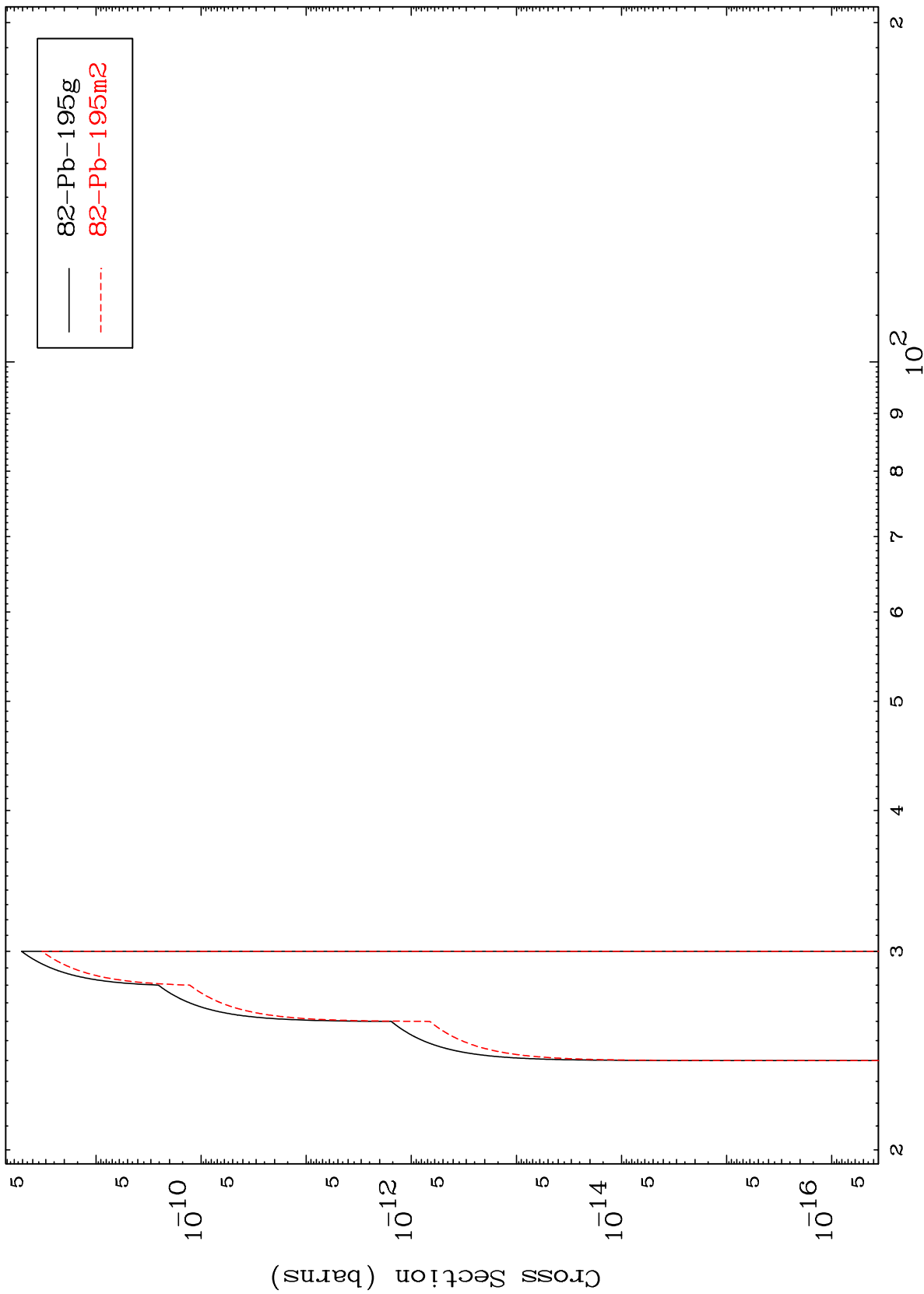
83-Bi-199

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(γ, n') t

83-Bi-199

Radionuclide Production Cross Section



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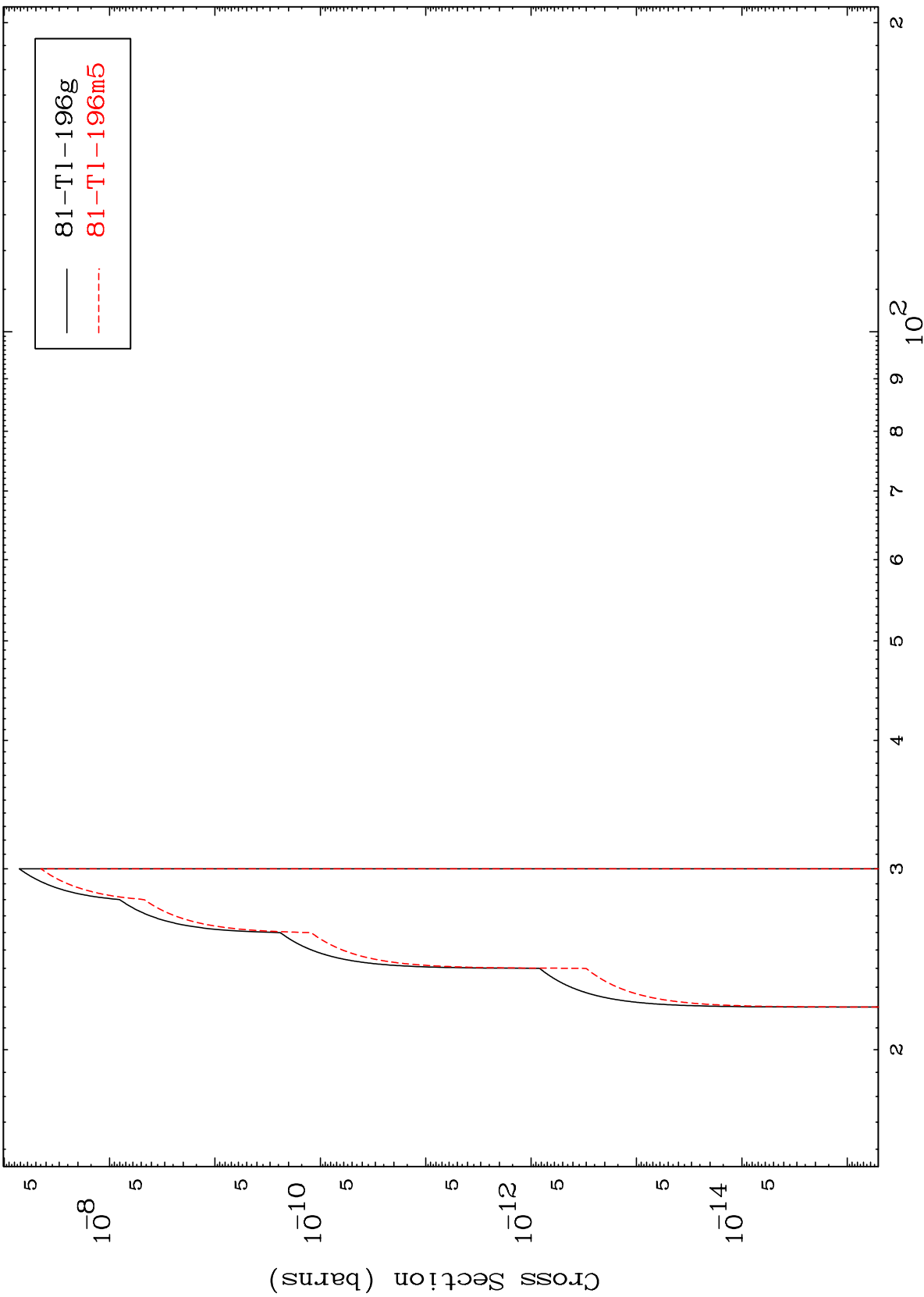
Incident Energy (MeV)

83-Bi-199

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83-Bi-199

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



19

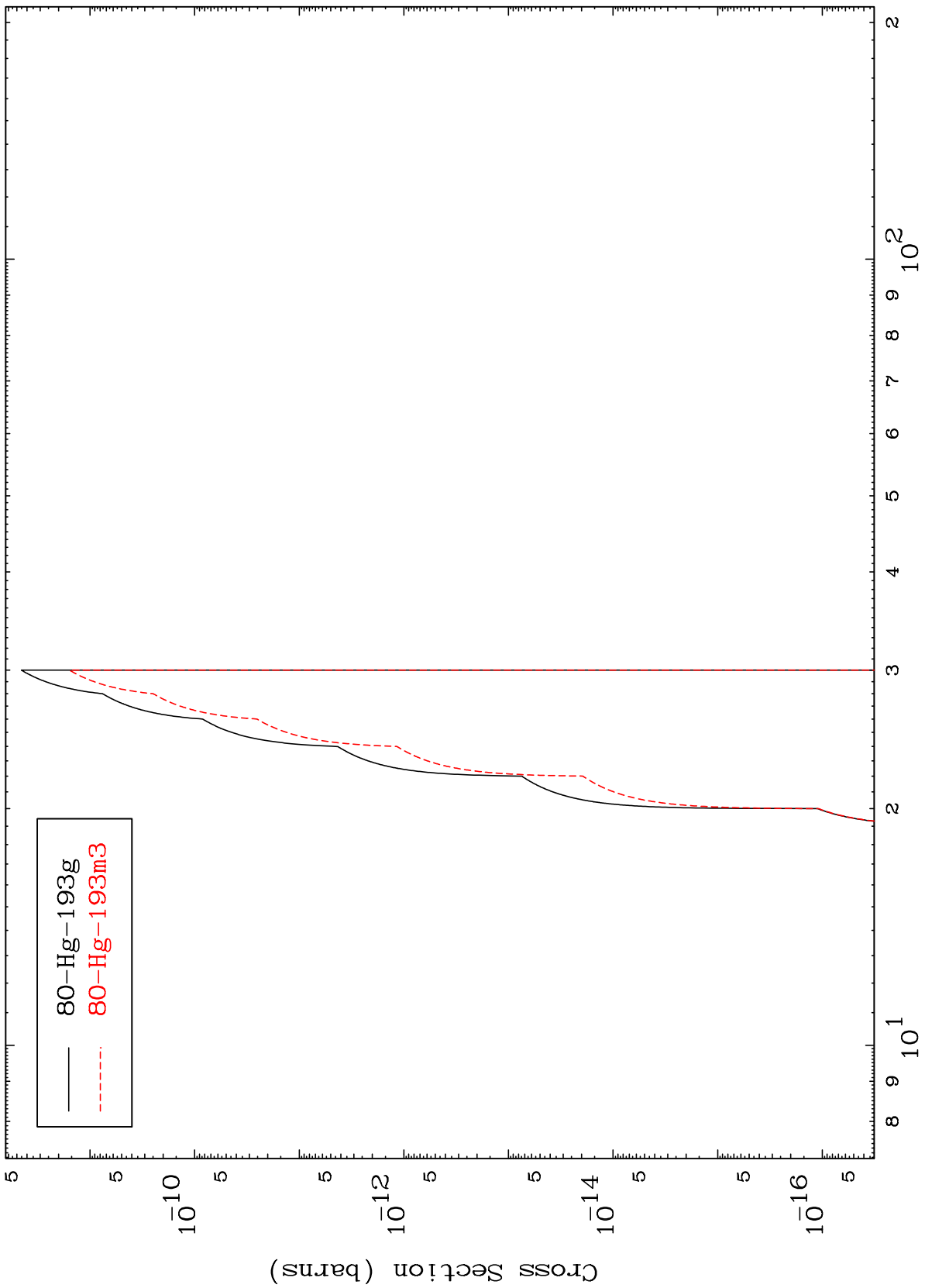
83-Bi-199

Incident Energy (MeV)

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83-Bi-199

(γ, n') p α
Radionuclide Production Cross Section



80-Hg-193g
80-Hg-193m3

83-Bi-199

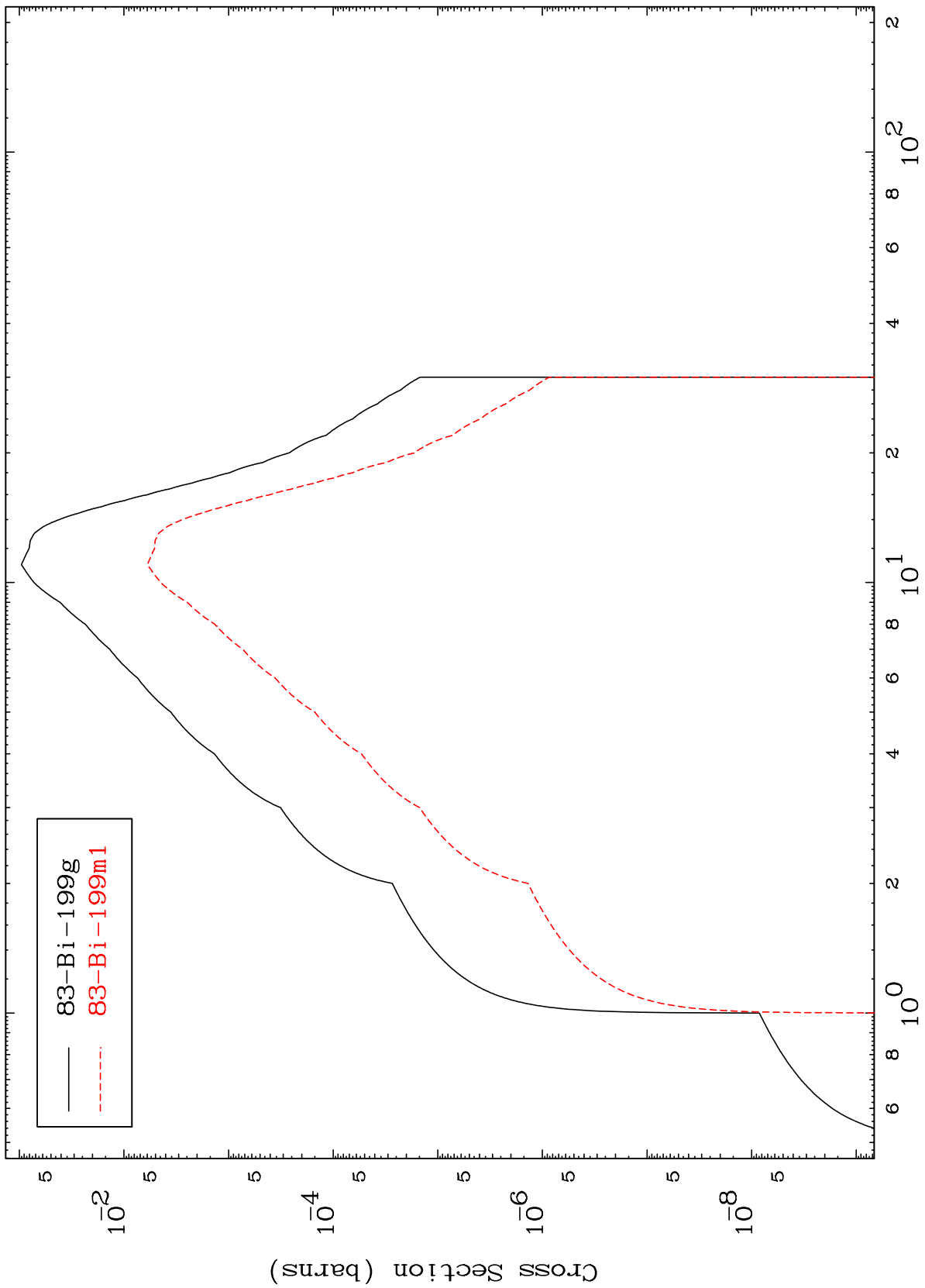
Incident Energy (MeV)

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83-Bi-199

Radionuclide Production Cross Section
(γ, γ)



21

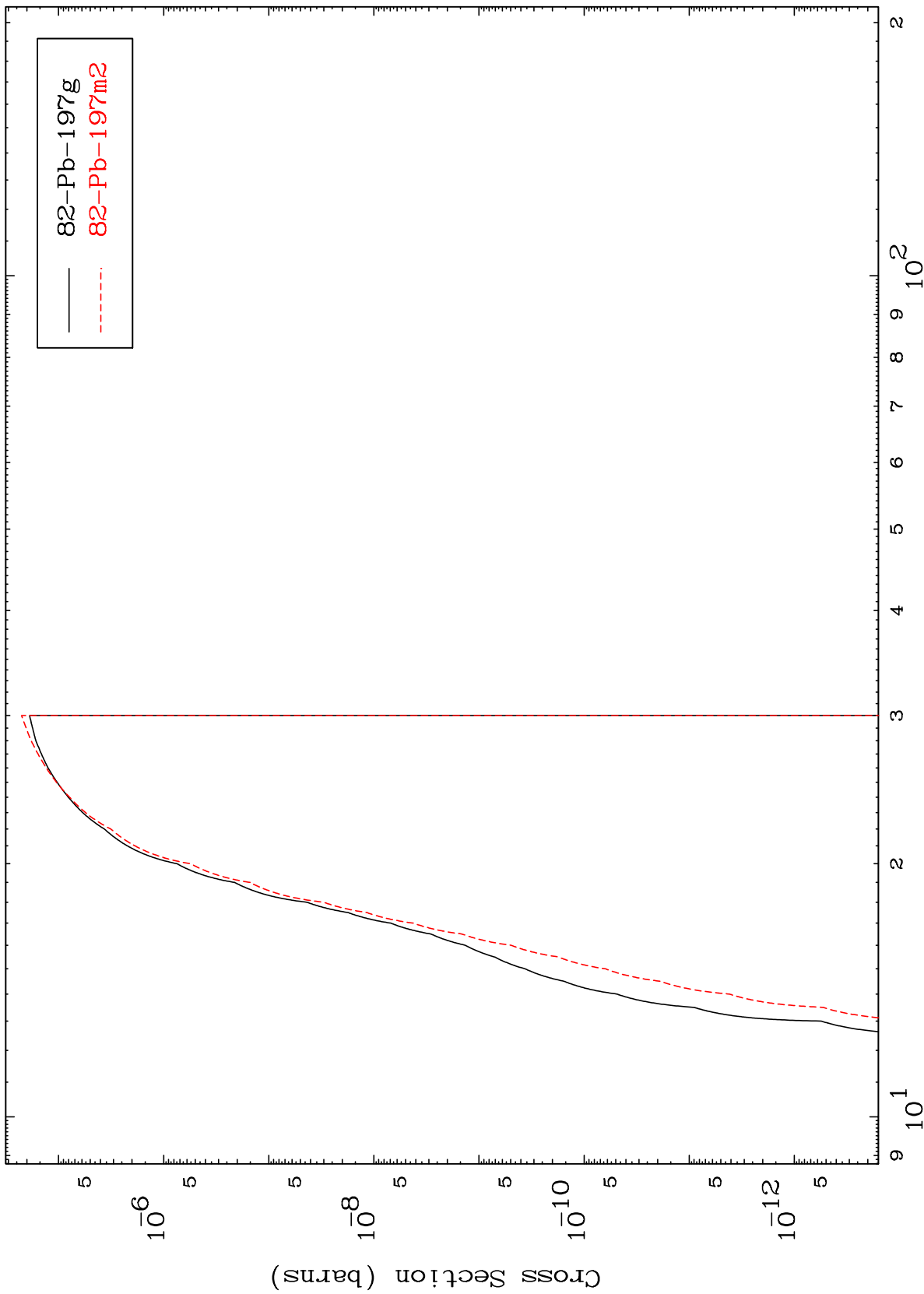
83-Bi-199

Incident Energy (MeV)

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83-Bi-199

(γ, d)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

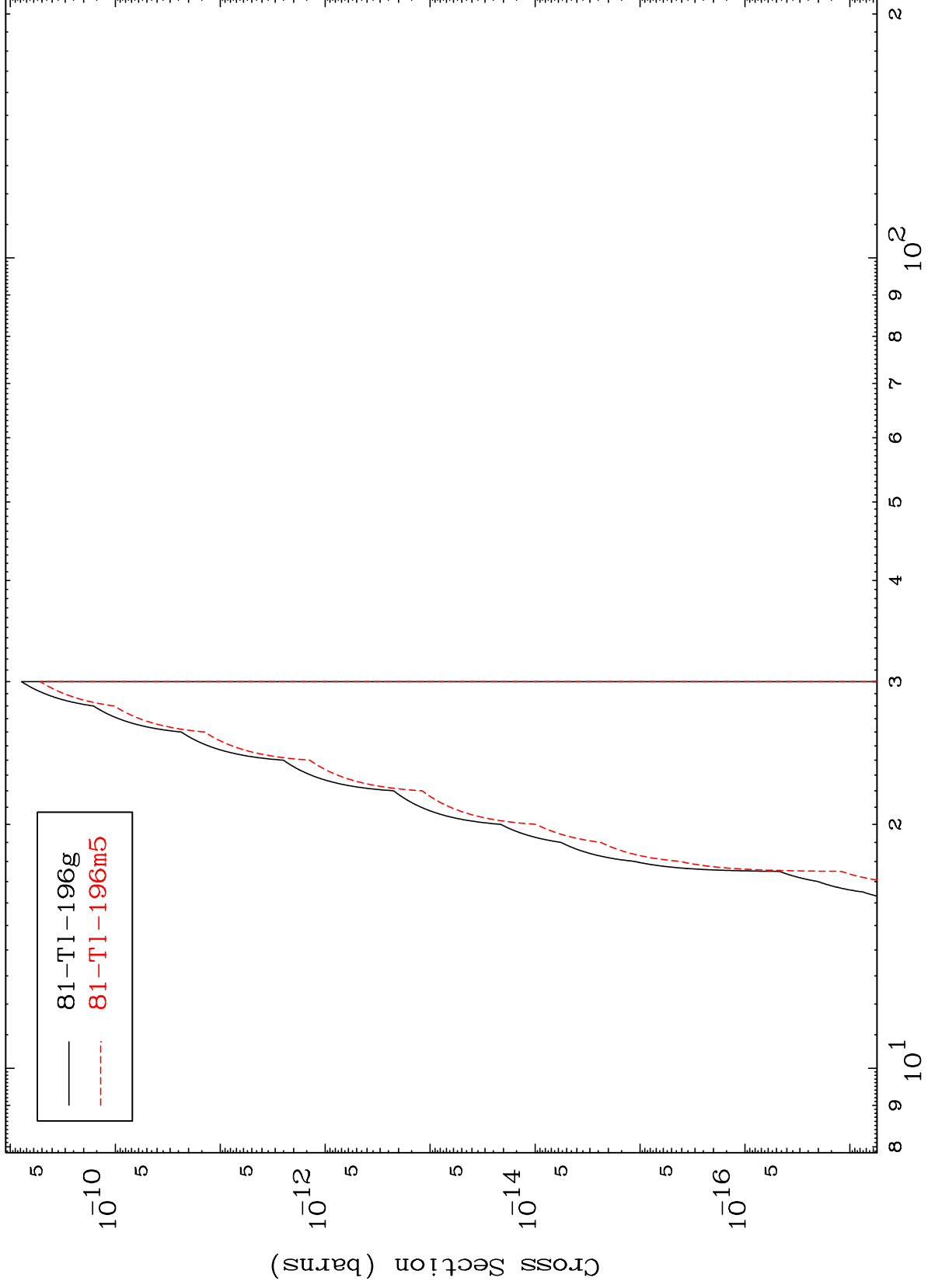
83-Bi-199

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

83-Bi-199

Radionuclide Production Cross Section

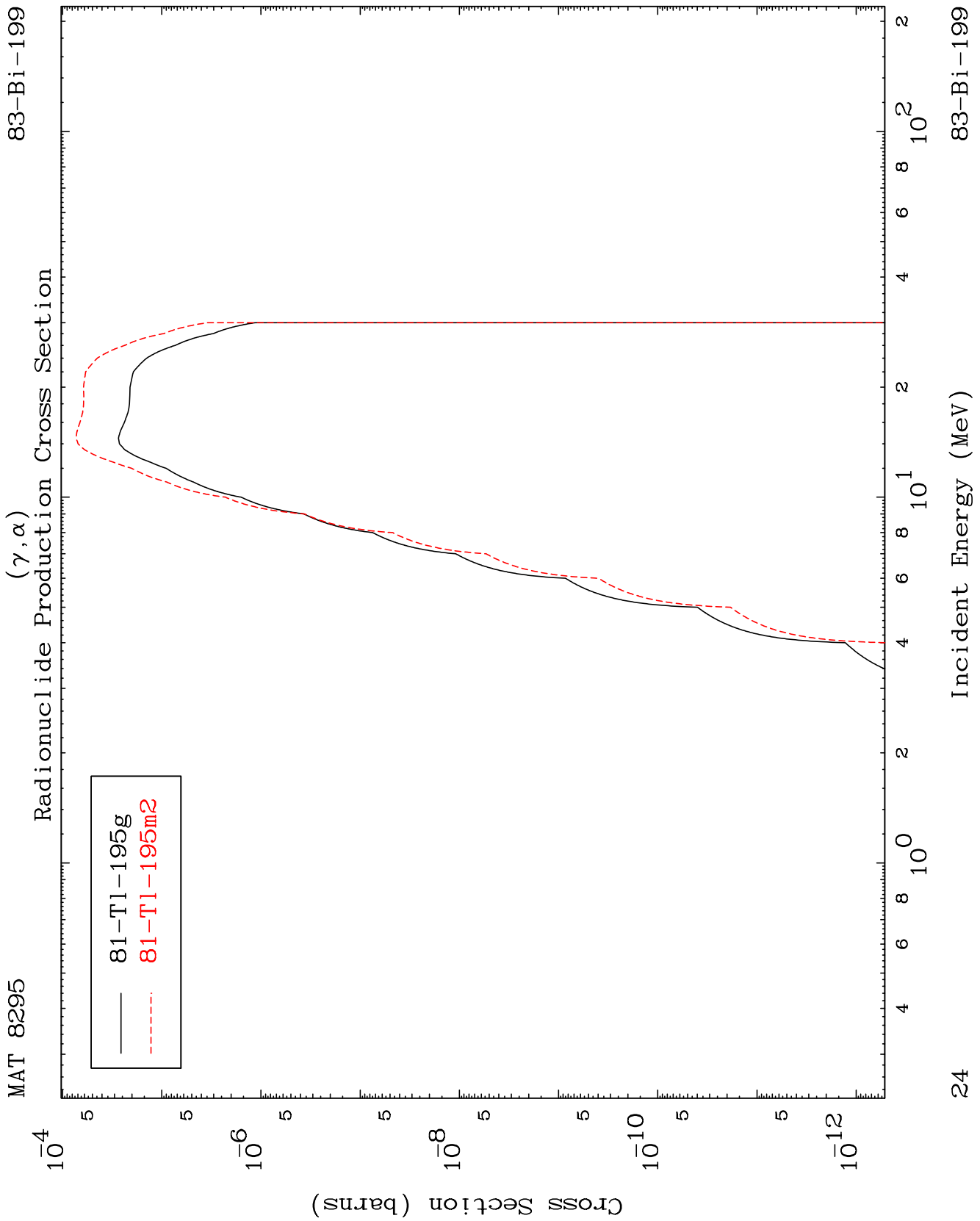


81-Tl-196g
81-Tl-196m5

23

Incident Energy (MeV)

83-Bi-199

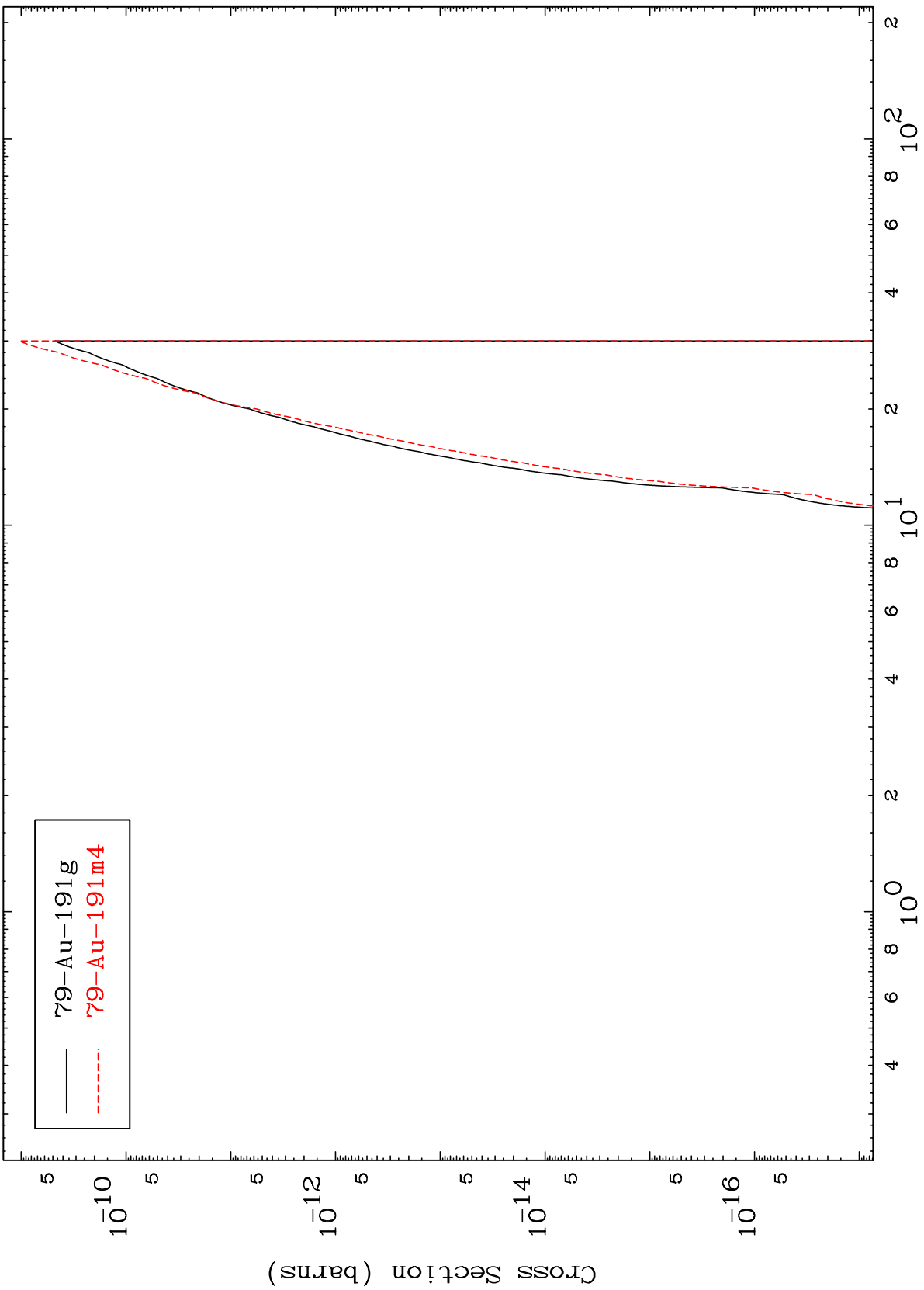


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($\gamma, 2\alpha$)

83-Bi-199

Radionuclide Production Cross Section

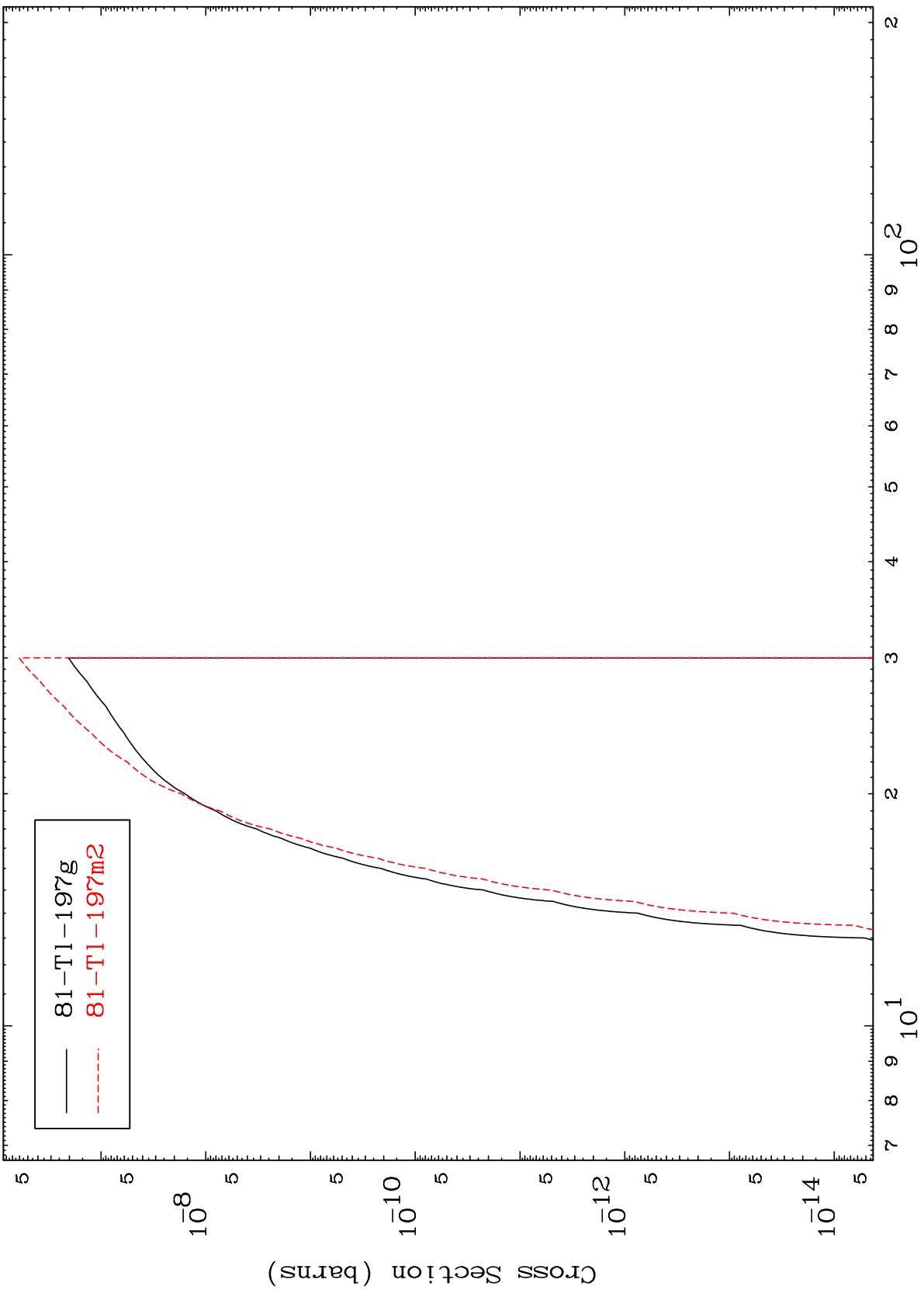


— $^{79}\text{Au-191g}$
- - - $^{79}\text{Au-191m4}$

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83-Bi-199

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



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Incident Energy (MeV)

83-Bi-199

