

Program EVALPLOT
(Version 2018-1)

by

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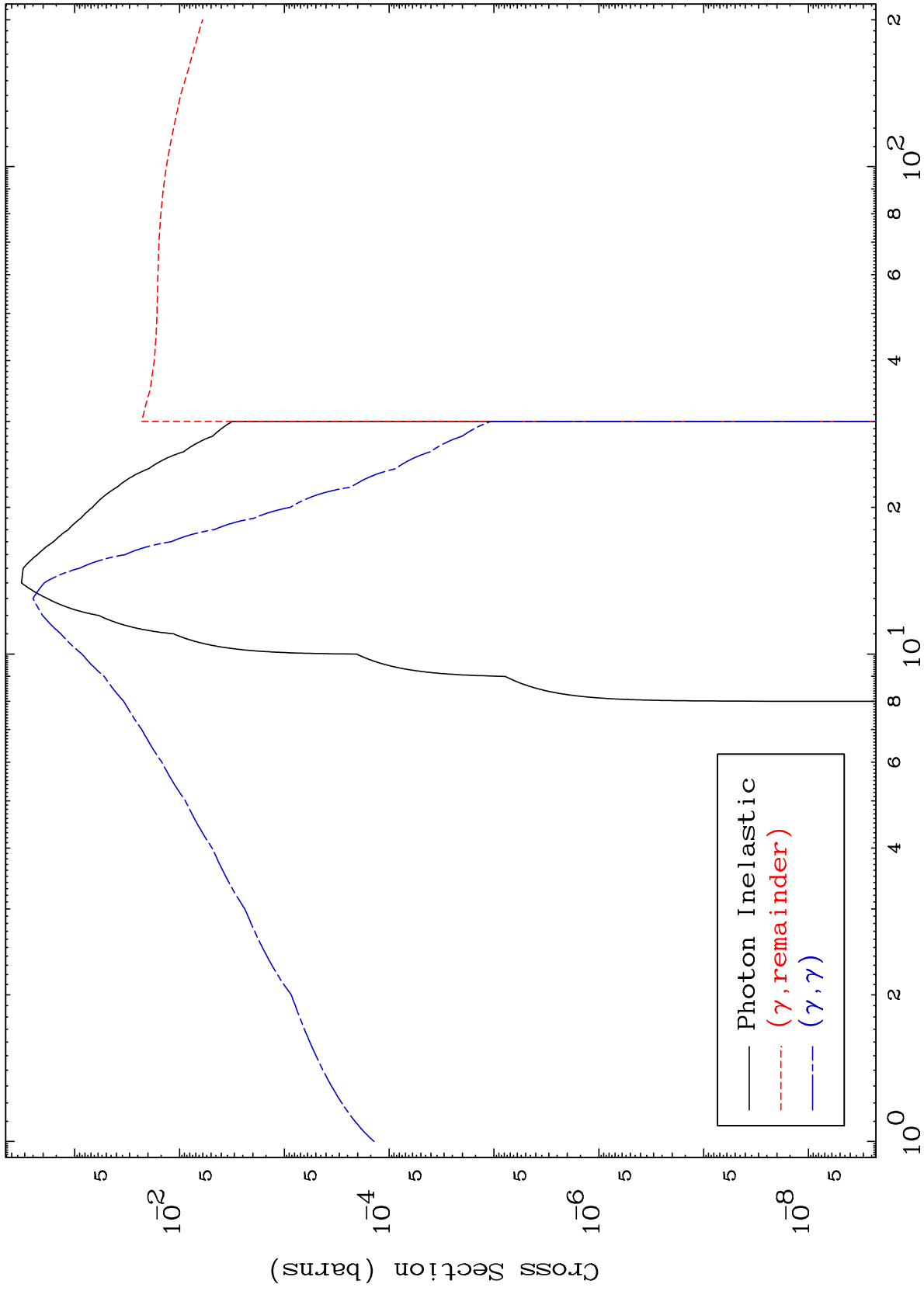
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8287

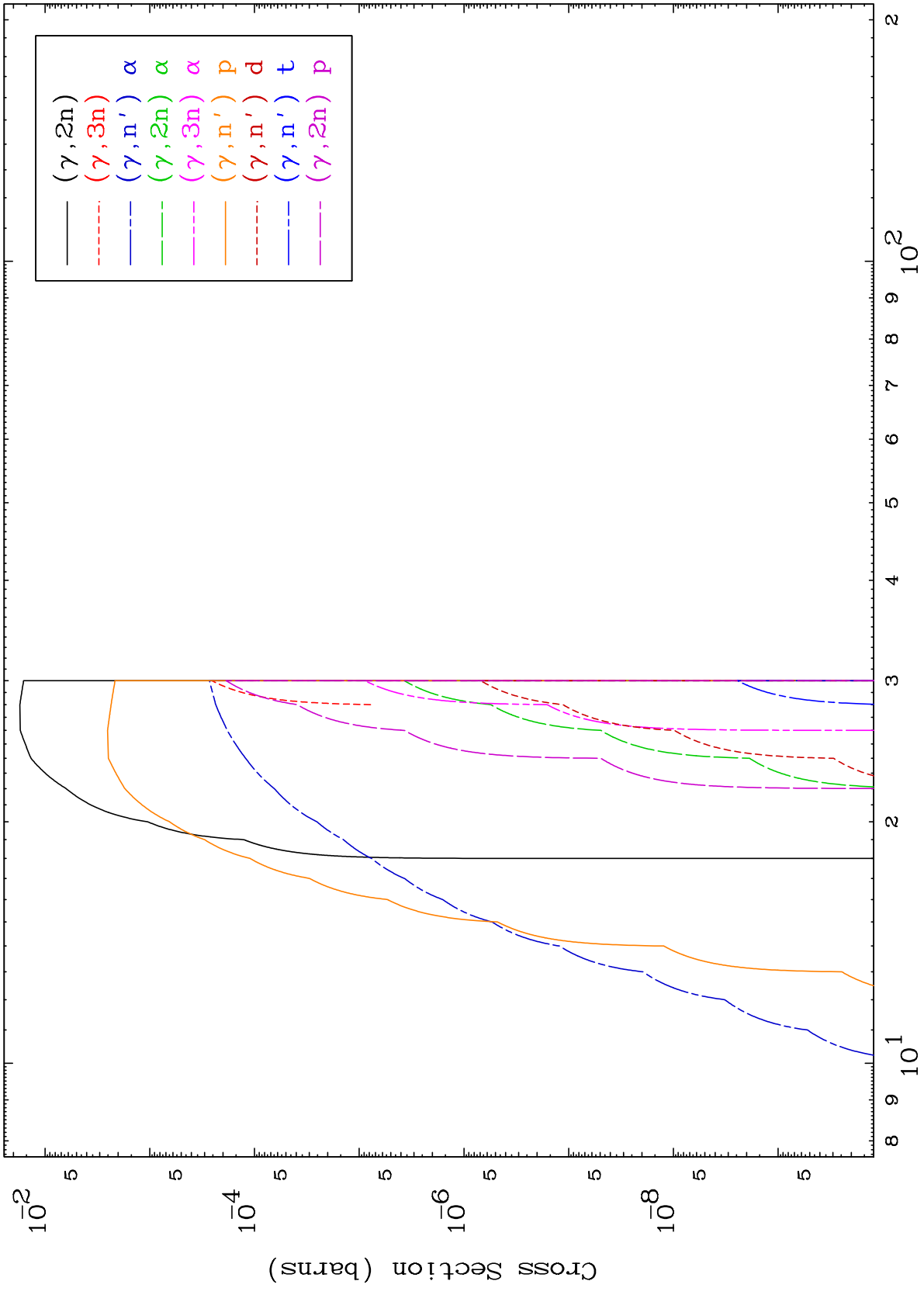
Photon Major
0 Kelvin Cross Sections

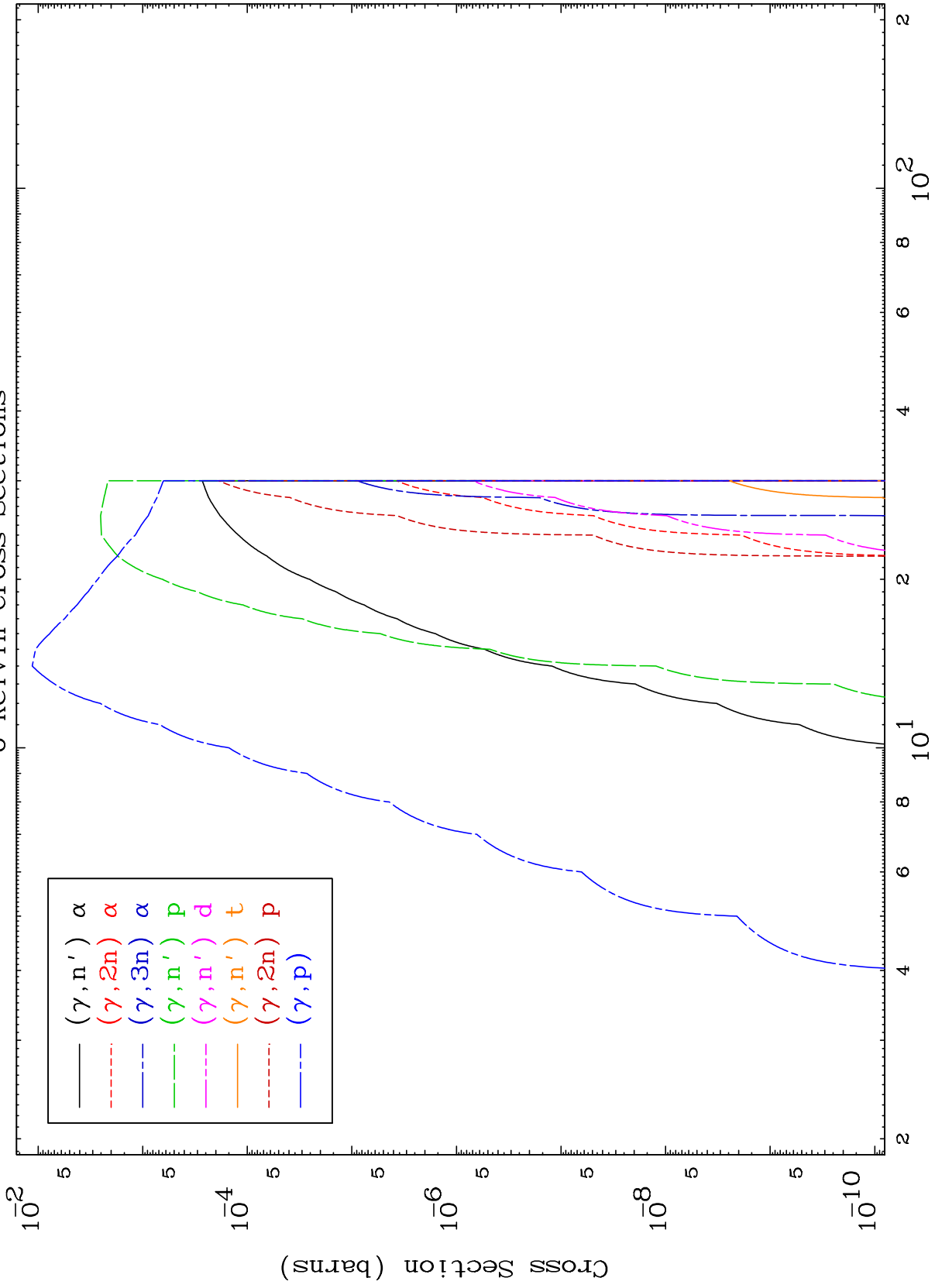
83-Bi-196

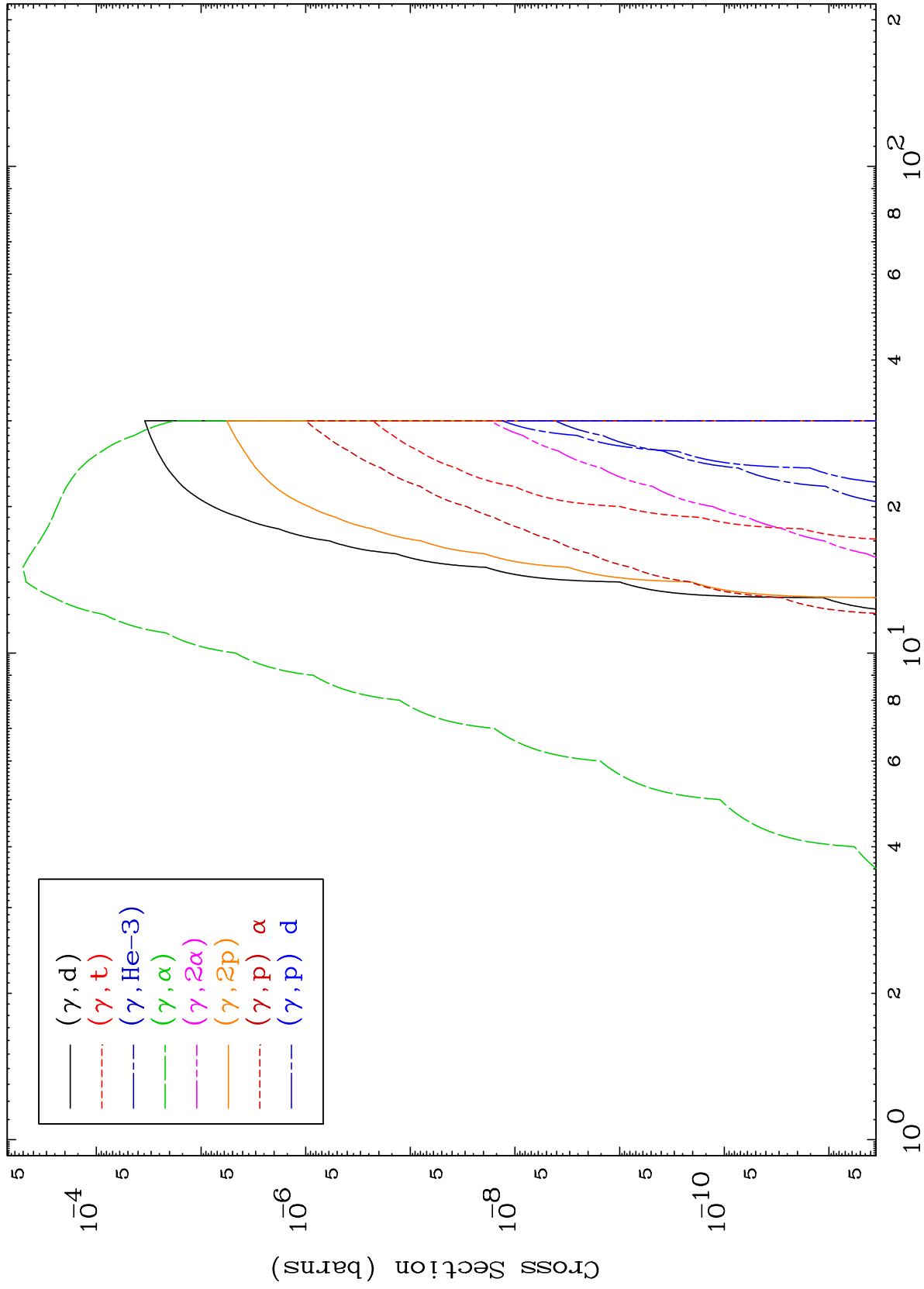


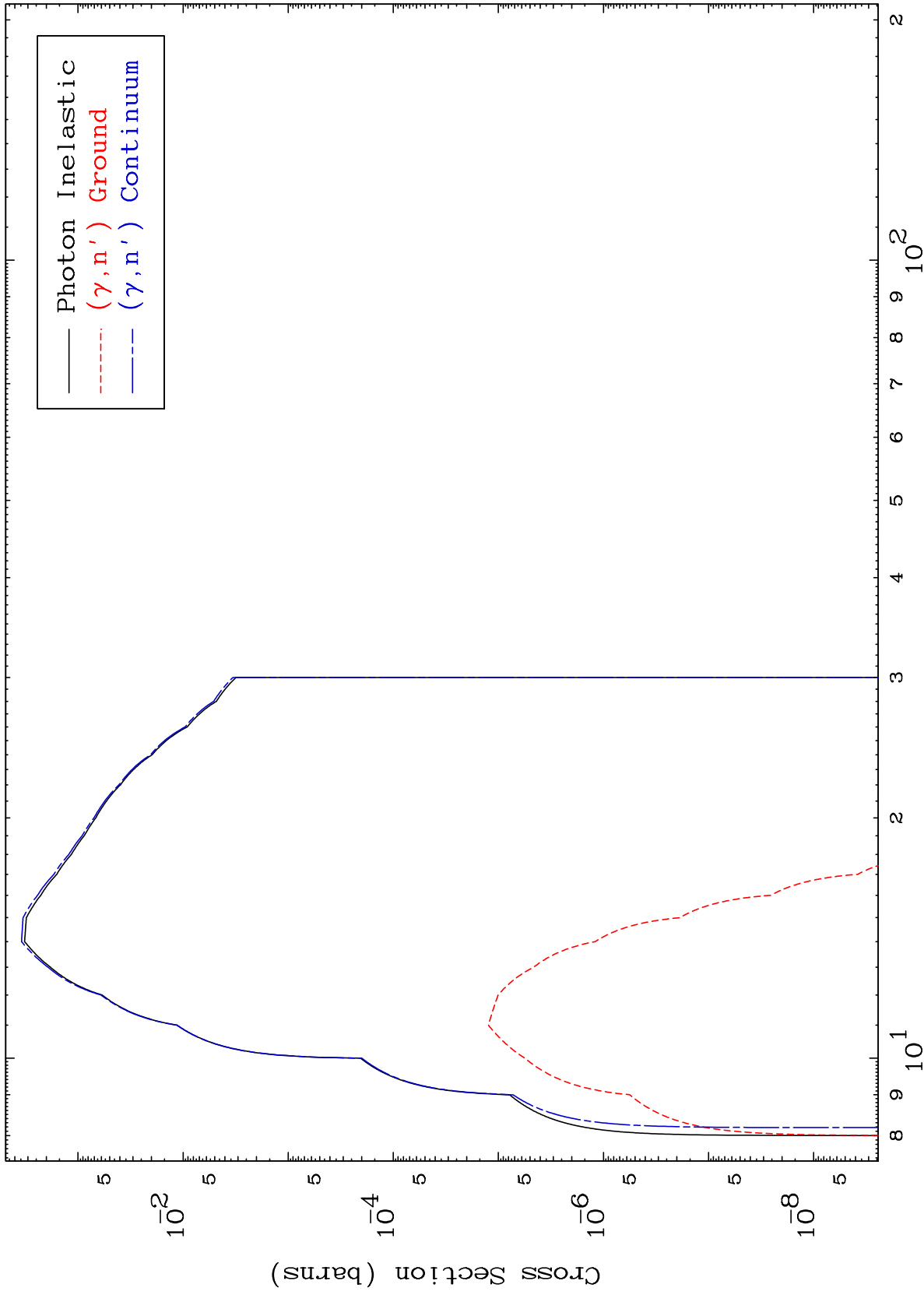
Incident Energy (MeV)

83-Bi-196





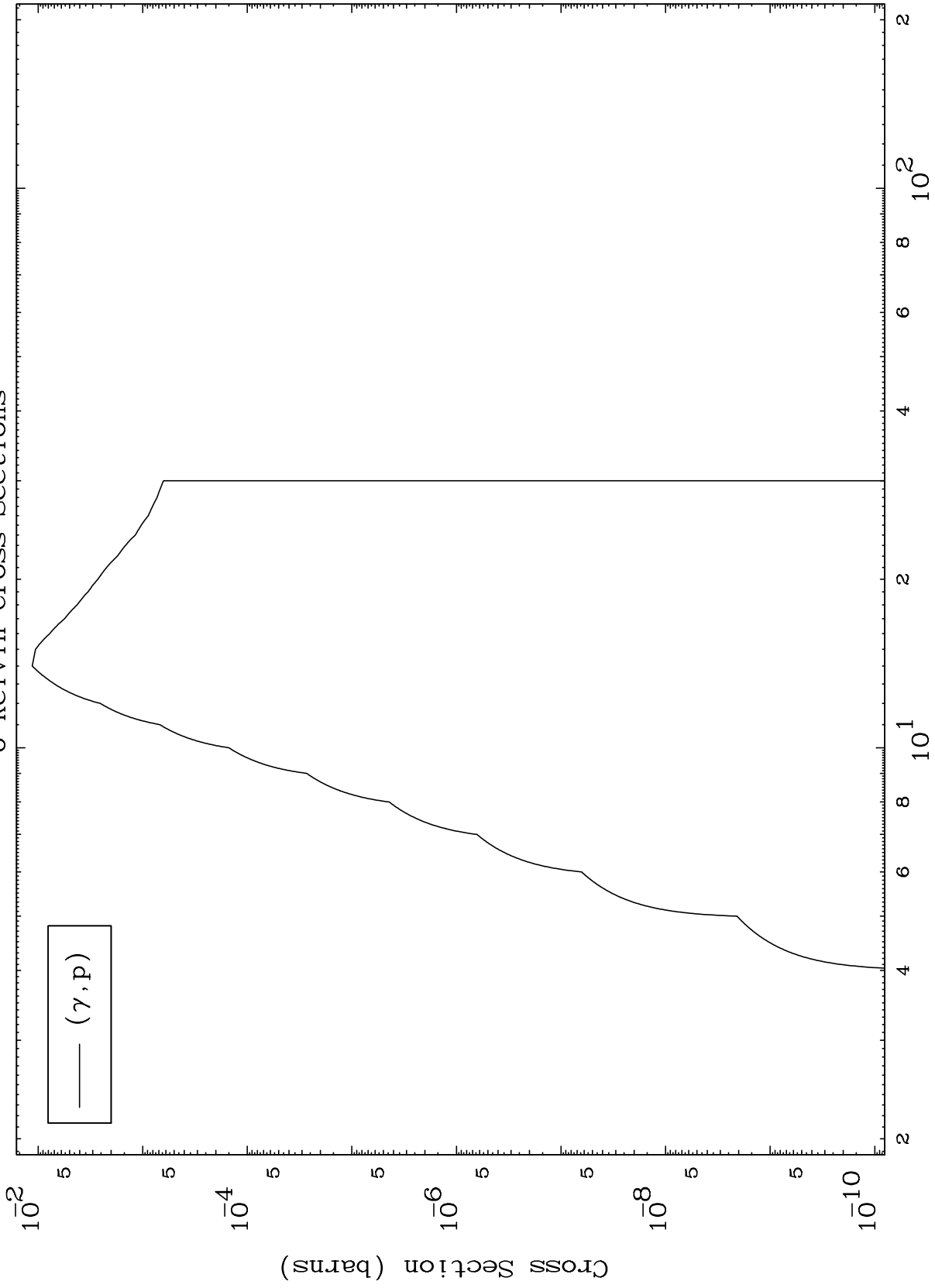




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(γ, p) Levels
0 Kelvin Cross Sections

83-Bi-196



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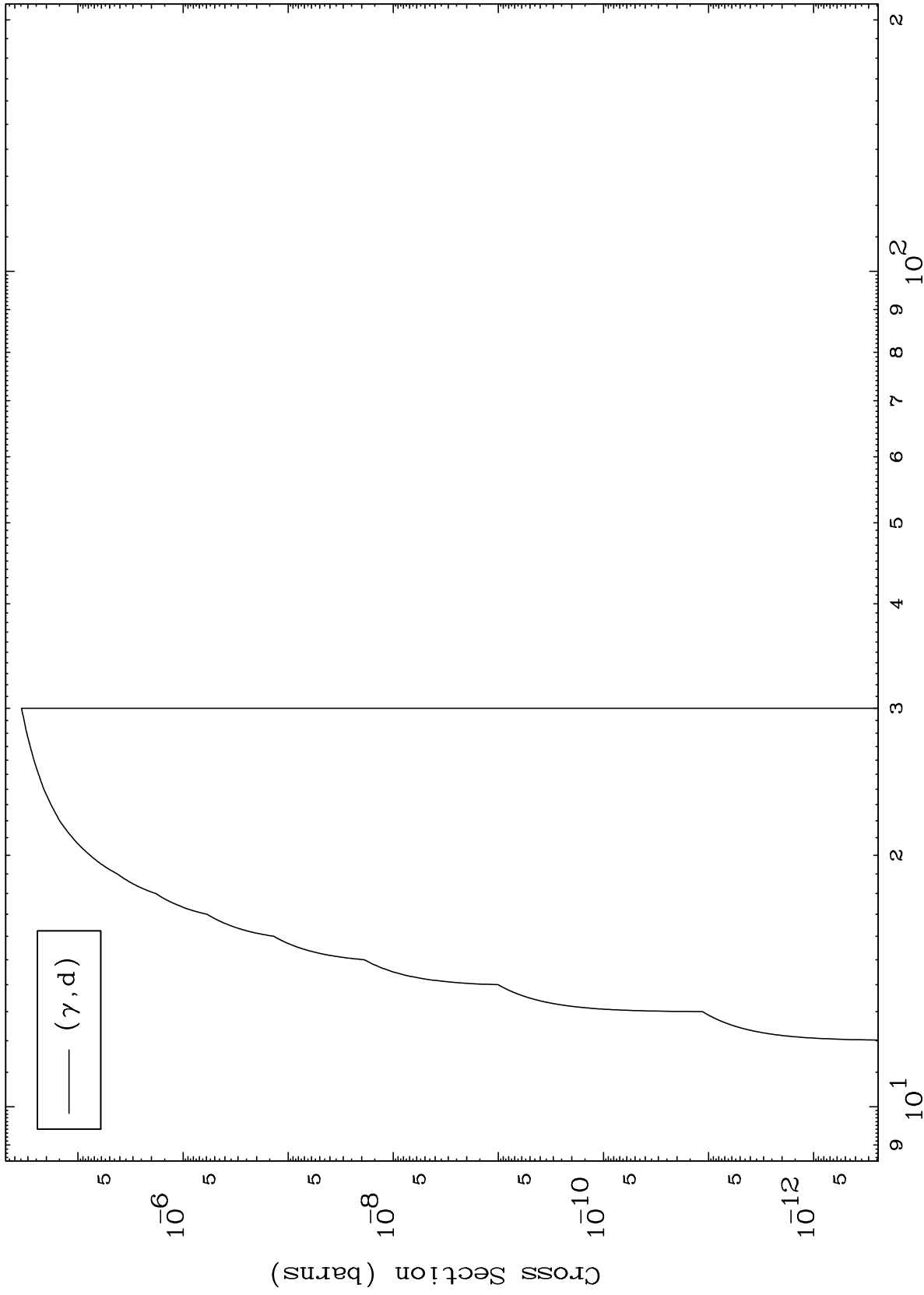
Incident Energy (MeV)

83-Bi-196

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(γ, d) Levels
0 Kelvin Cross Sections

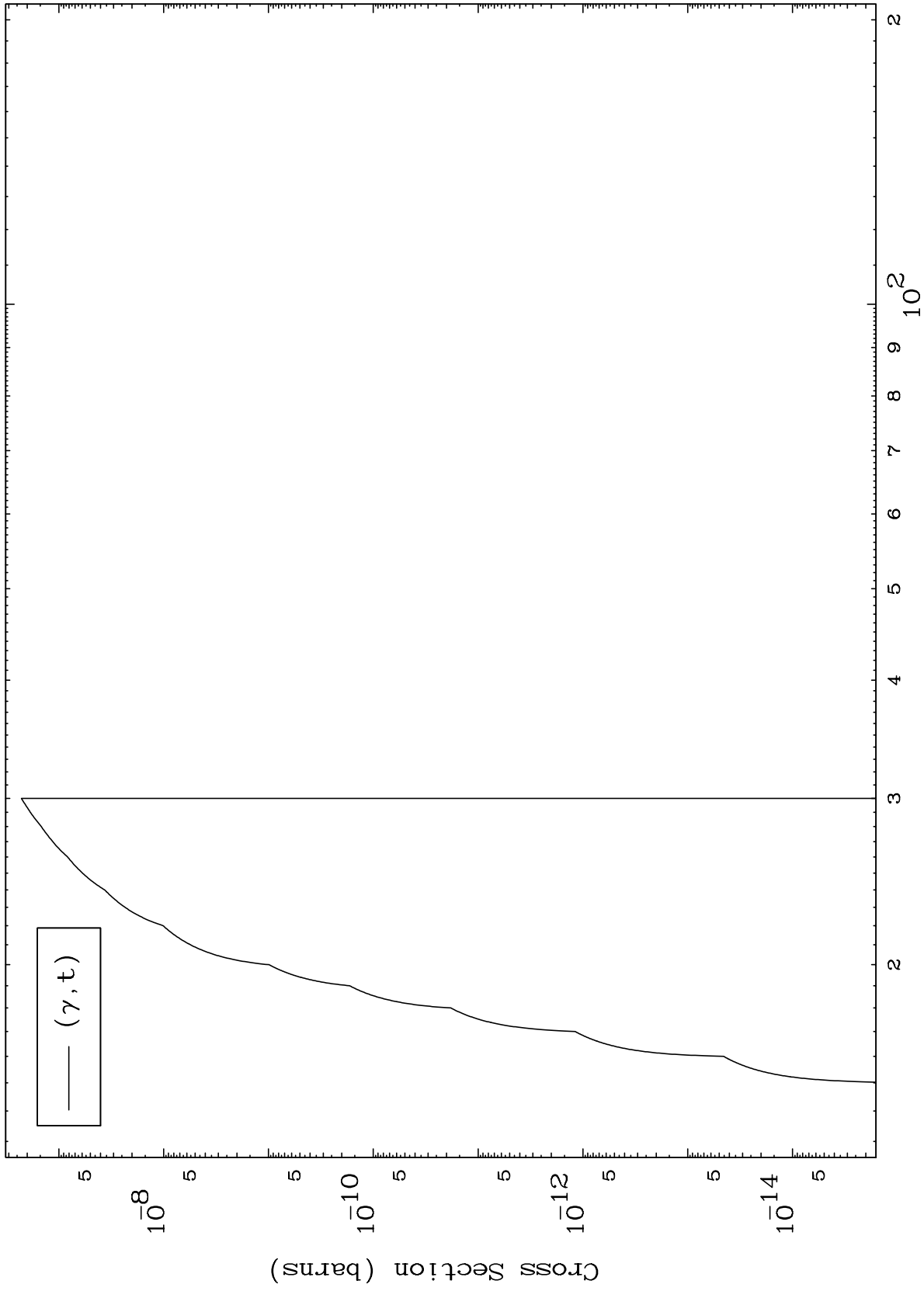
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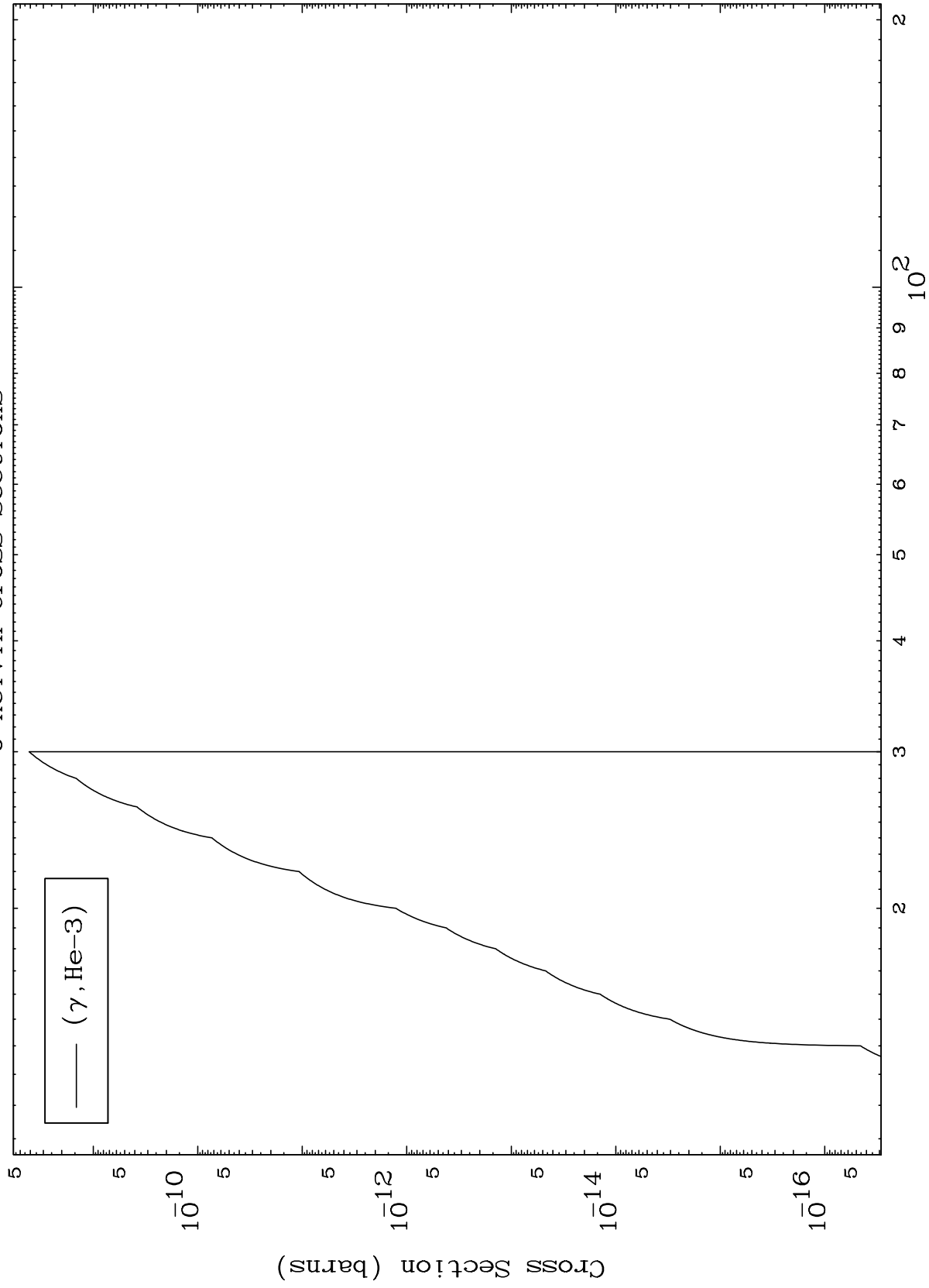


7

Incident Energy (MeV)

83-Bi-196

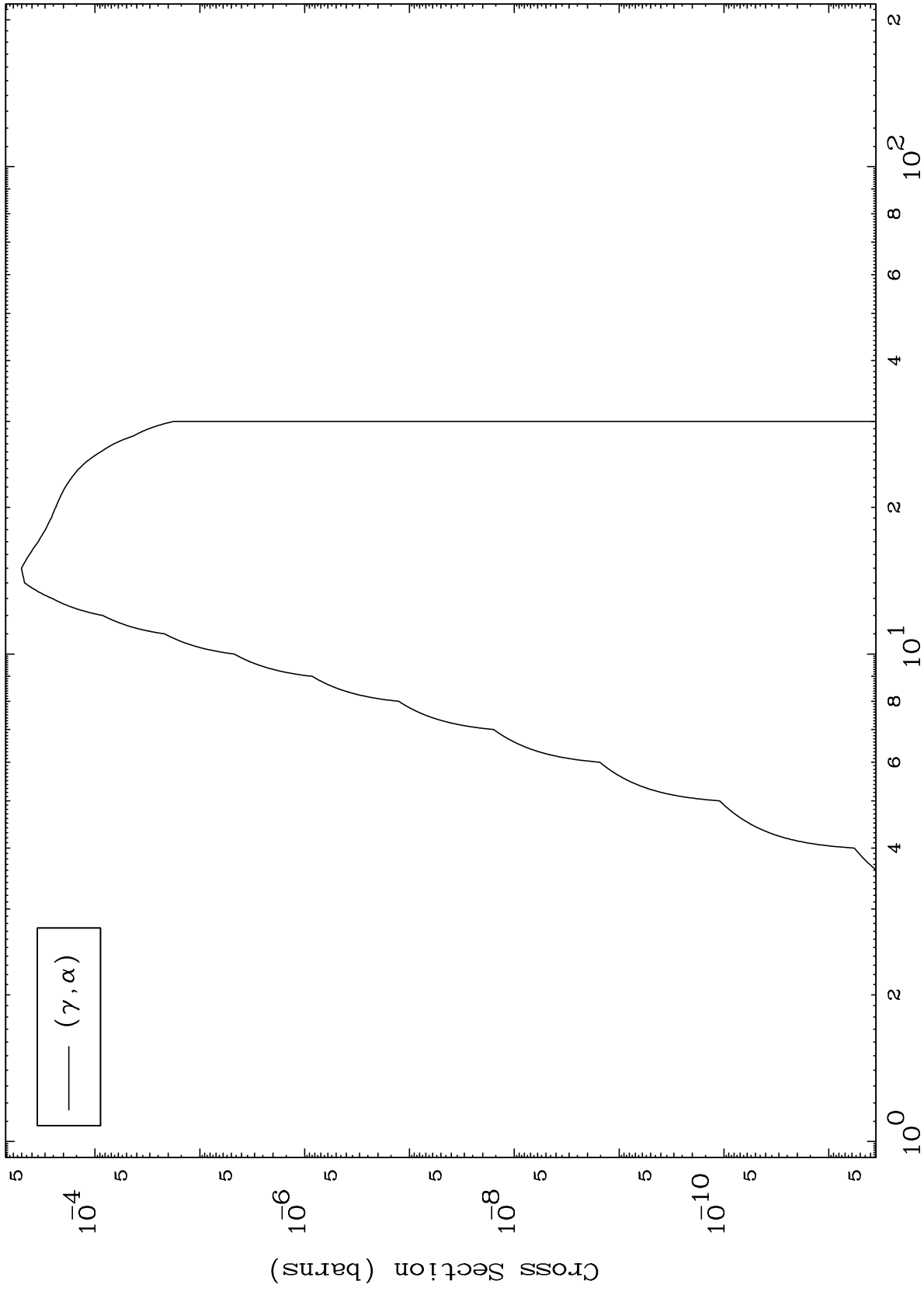




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(γ, α) Levels
0 Kelvin Cross Sections

83-Bi-196



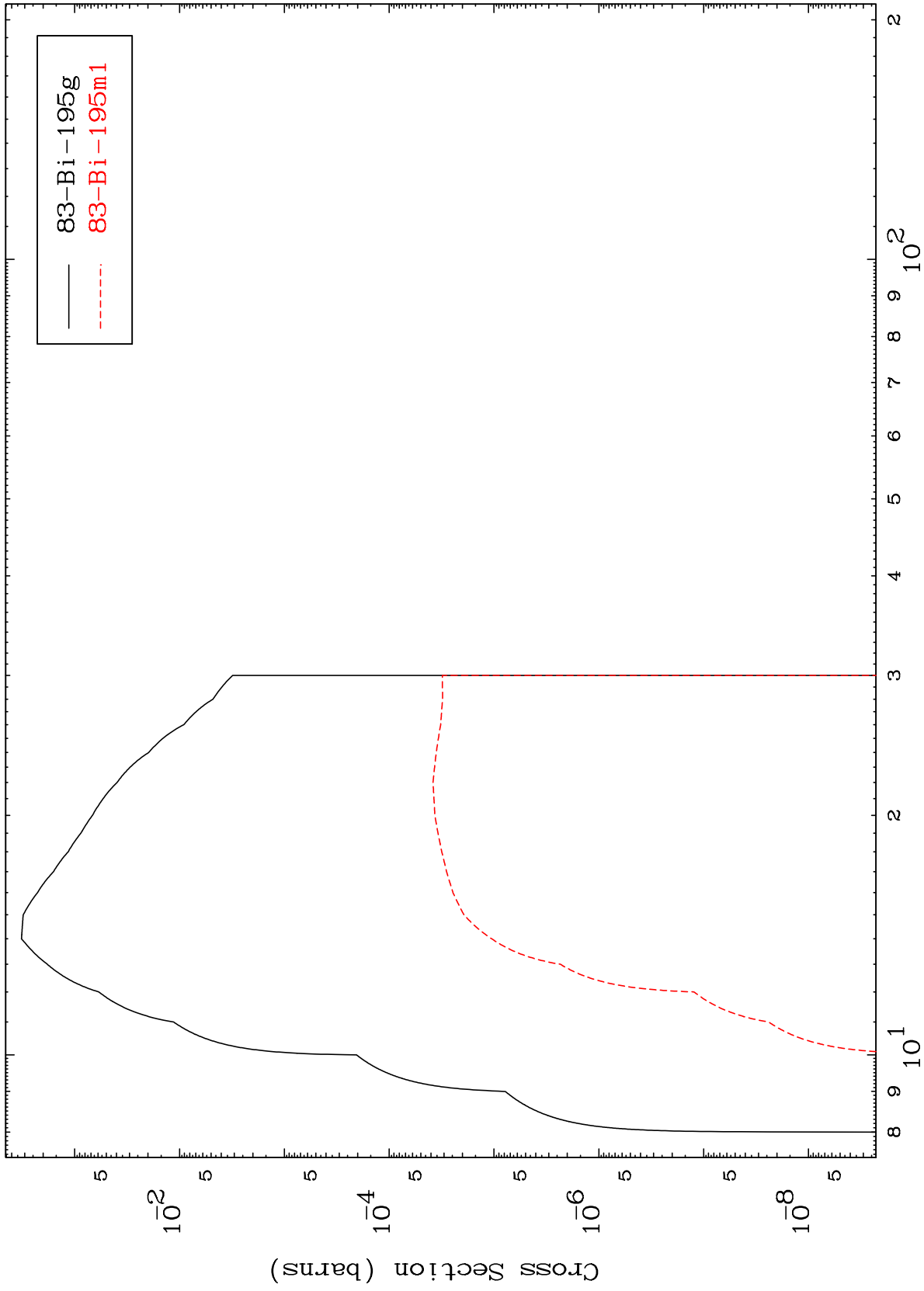
Incident Energy (MeV)

83-Bi-196

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Photon Inelastic
Radionuclide Production Cross Section

83-Bi-196



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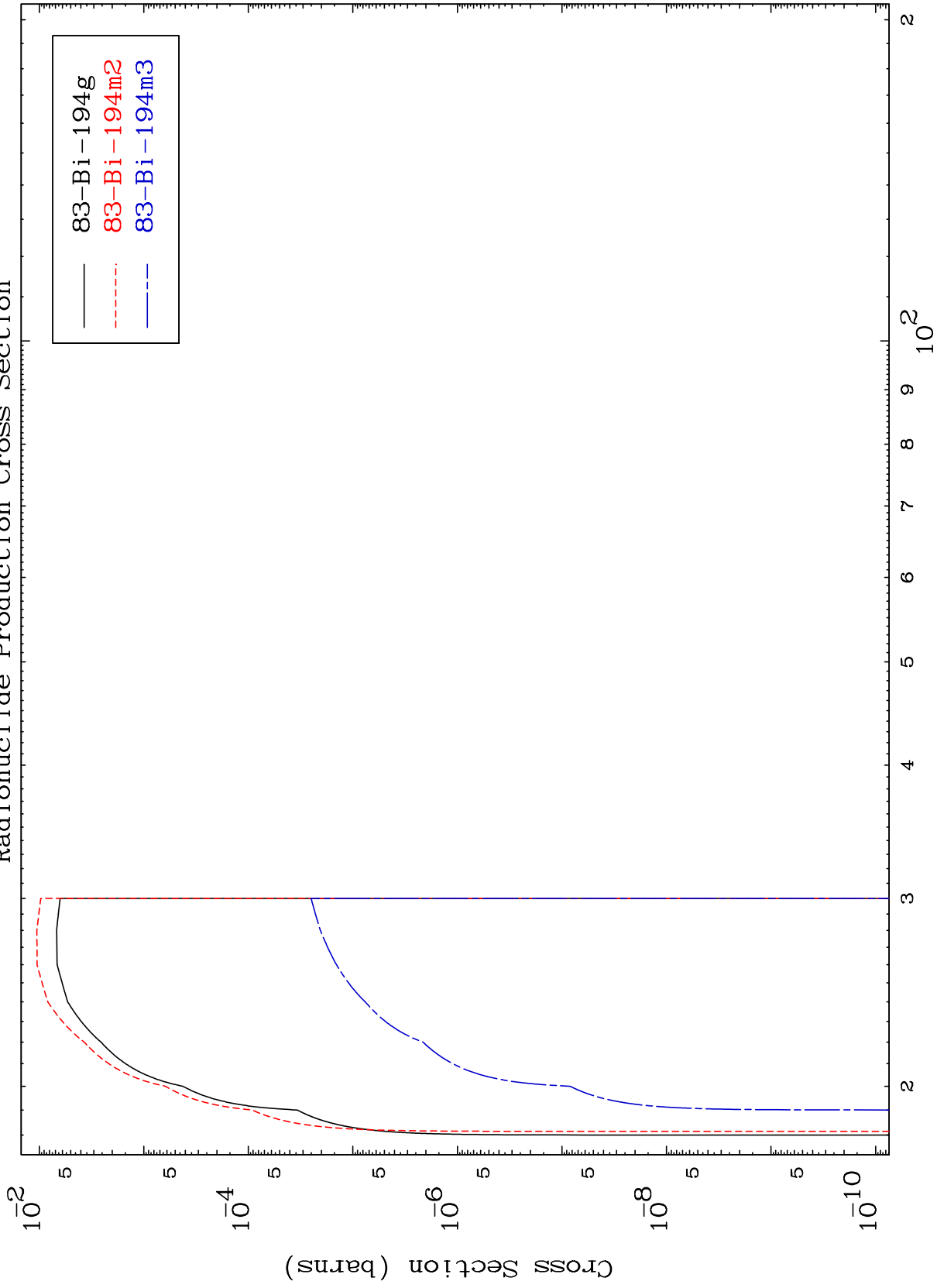
Incident Energy (MeV)

83-Bi-196

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83-Bi-196

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



12

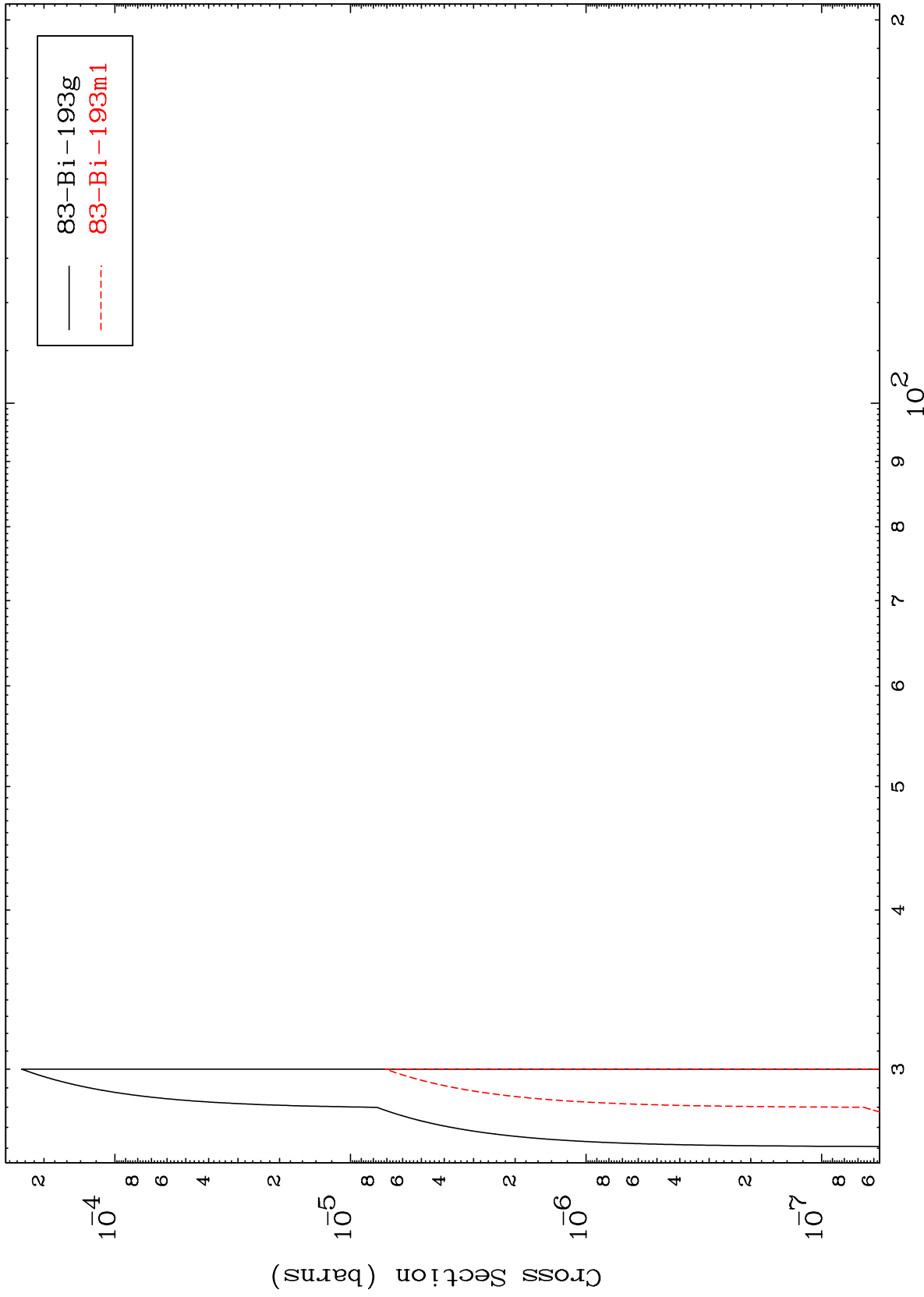
Incident Energy (MeV)

83-Bi-196

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83-Bi-196

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



13

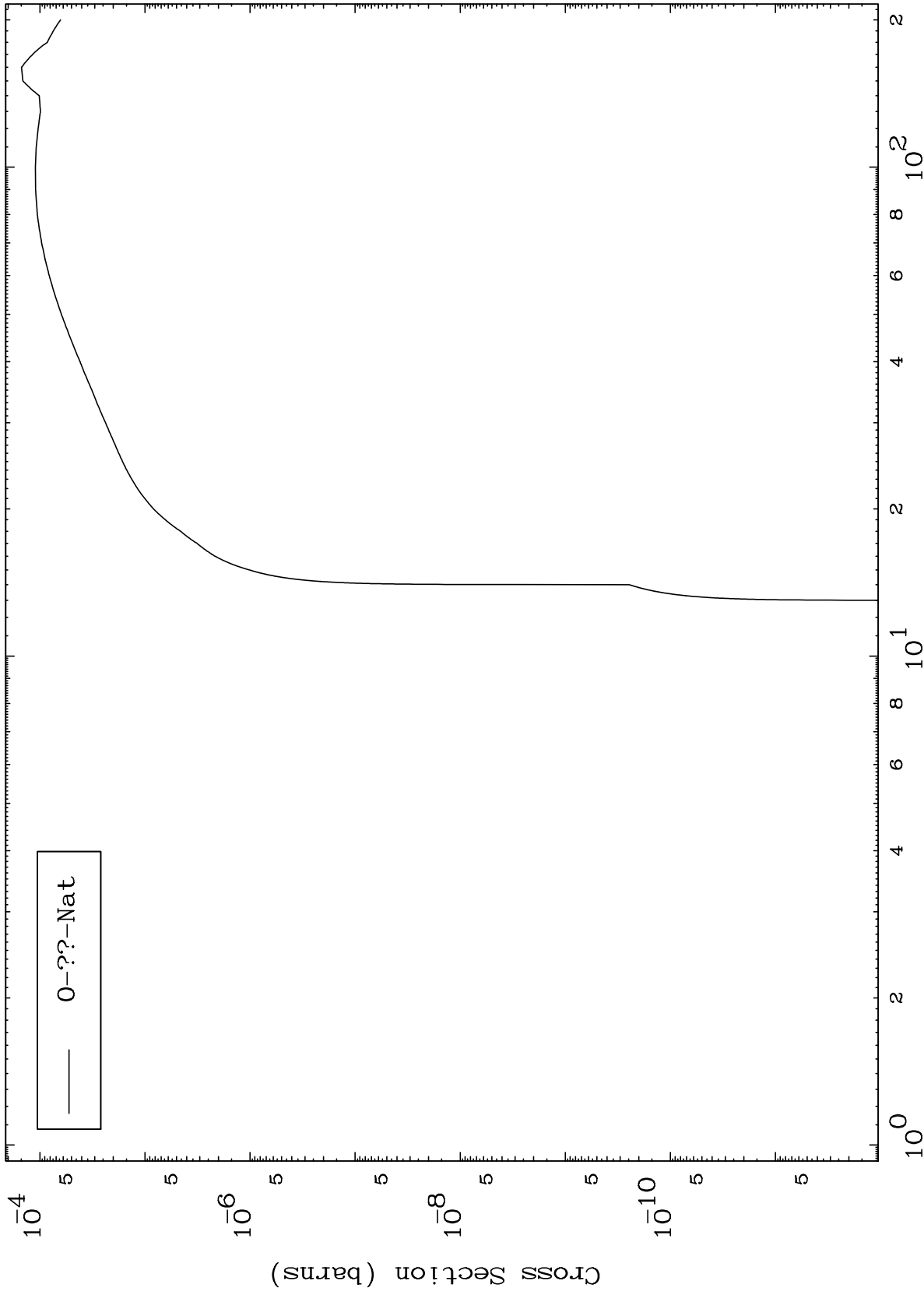
83-Bi-196

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Photon Fission

83-Bi-196

Radionuclide Production Cross Section



Incident Energy (MeV)

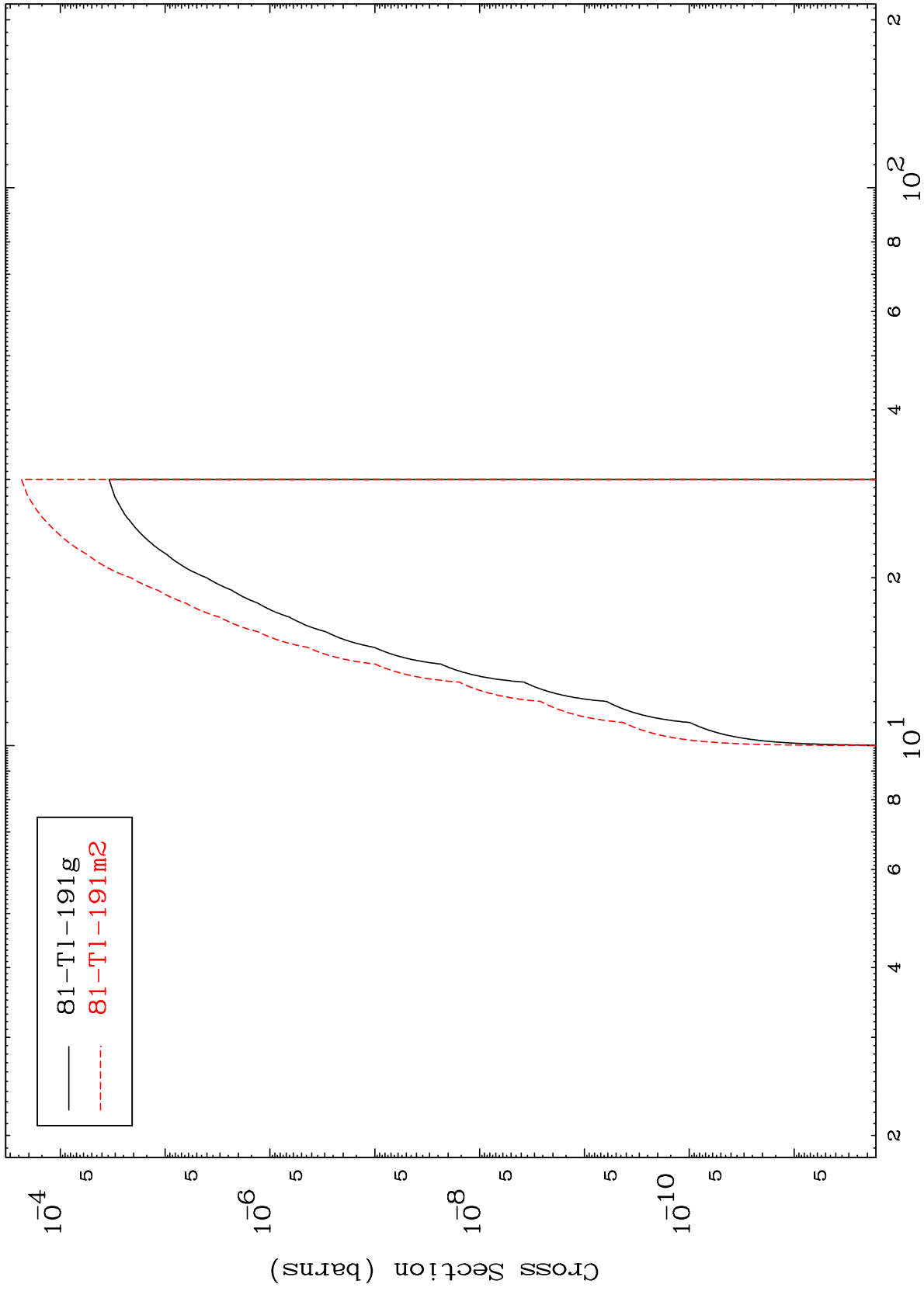
83-Bi-196

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(γ, n') α

83-Bi-196

Radionuclide Production Cross Section



81-Tl-191g
81-Tl-191m2

15

Incident Energy (MeV)

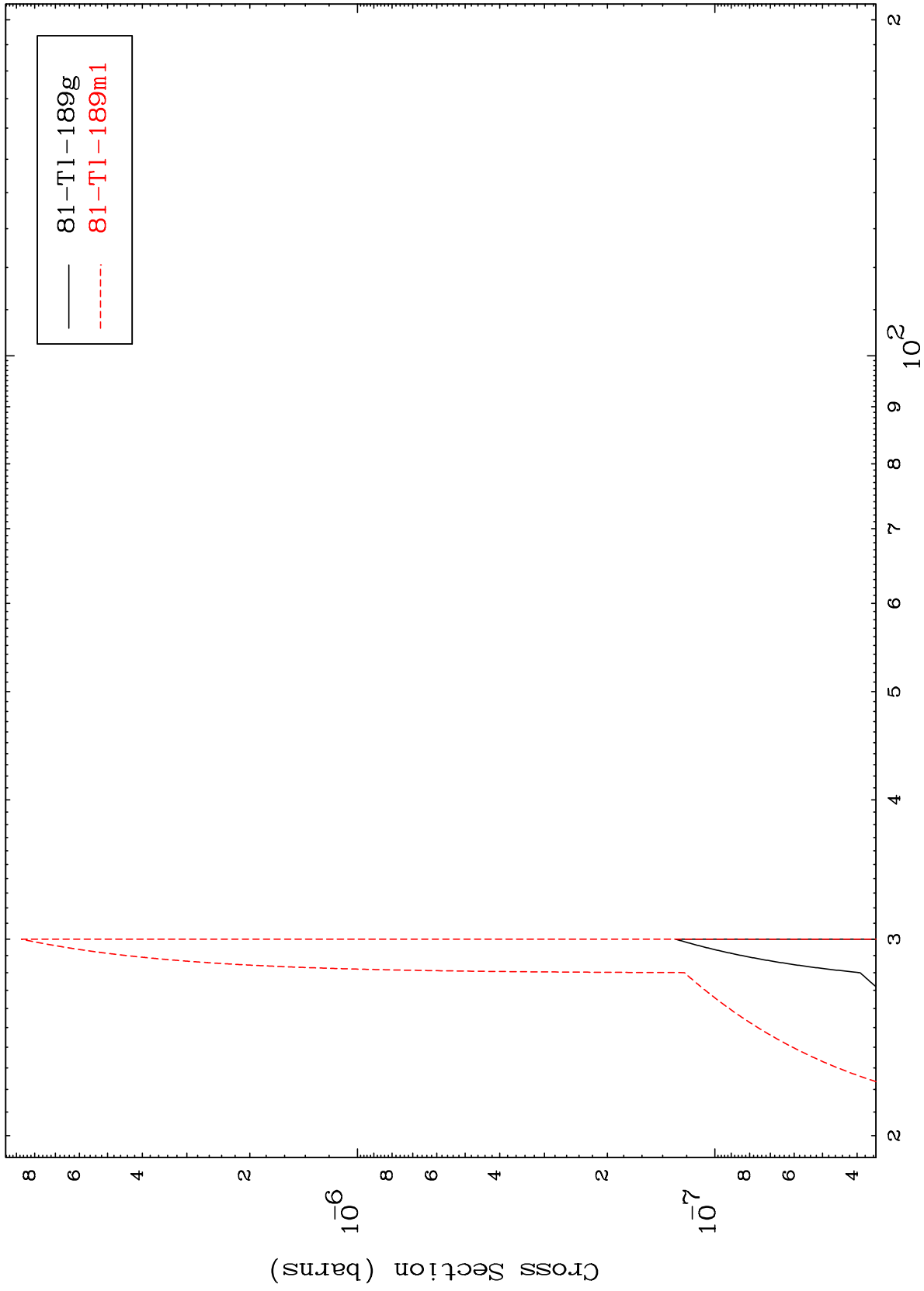
83-Bi-196

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$(\gamma, 3n) \alpha$

83-Bi-196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

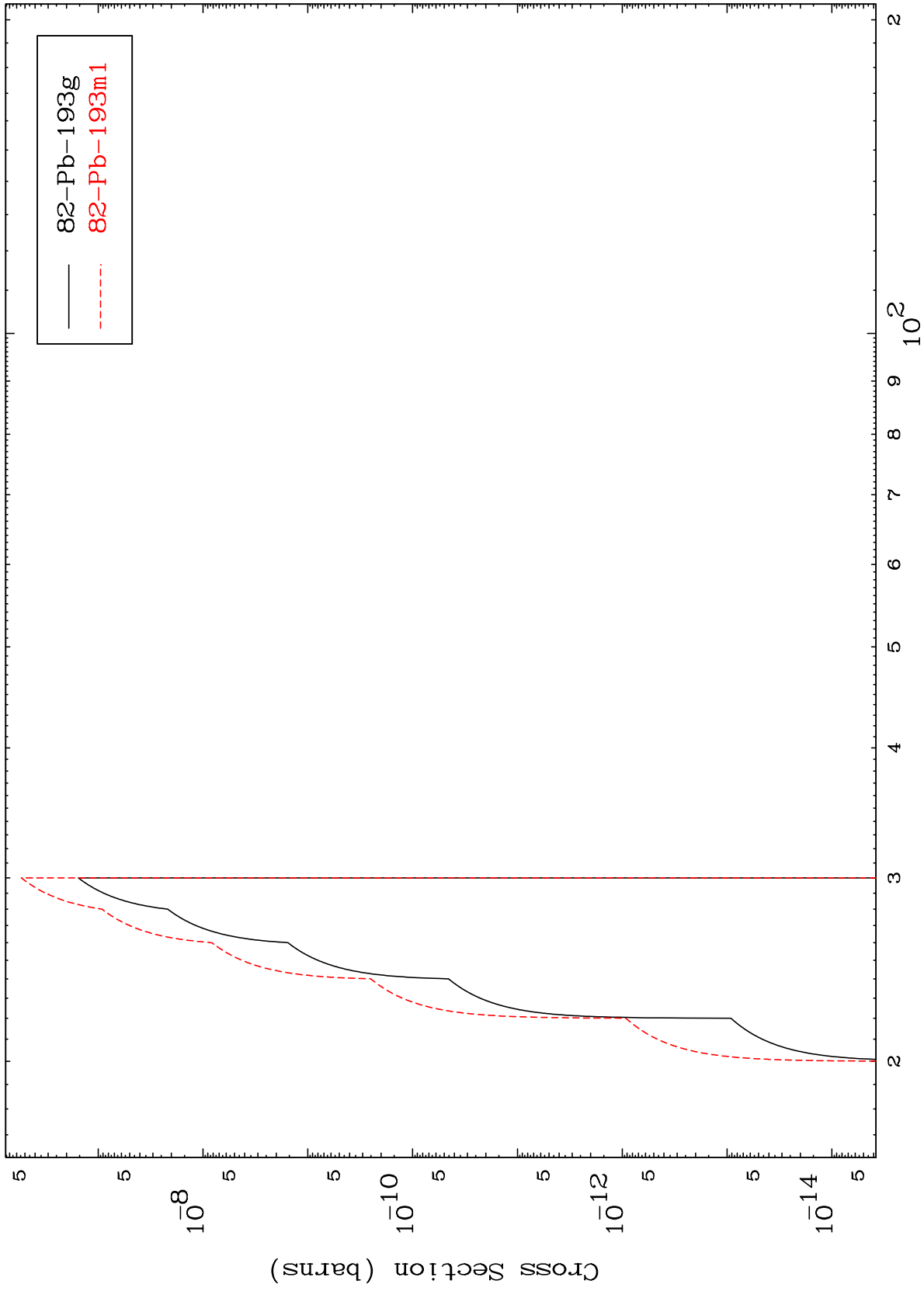
83-Bi-196

MAT 8287

(γ, n') d

83-Bi-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

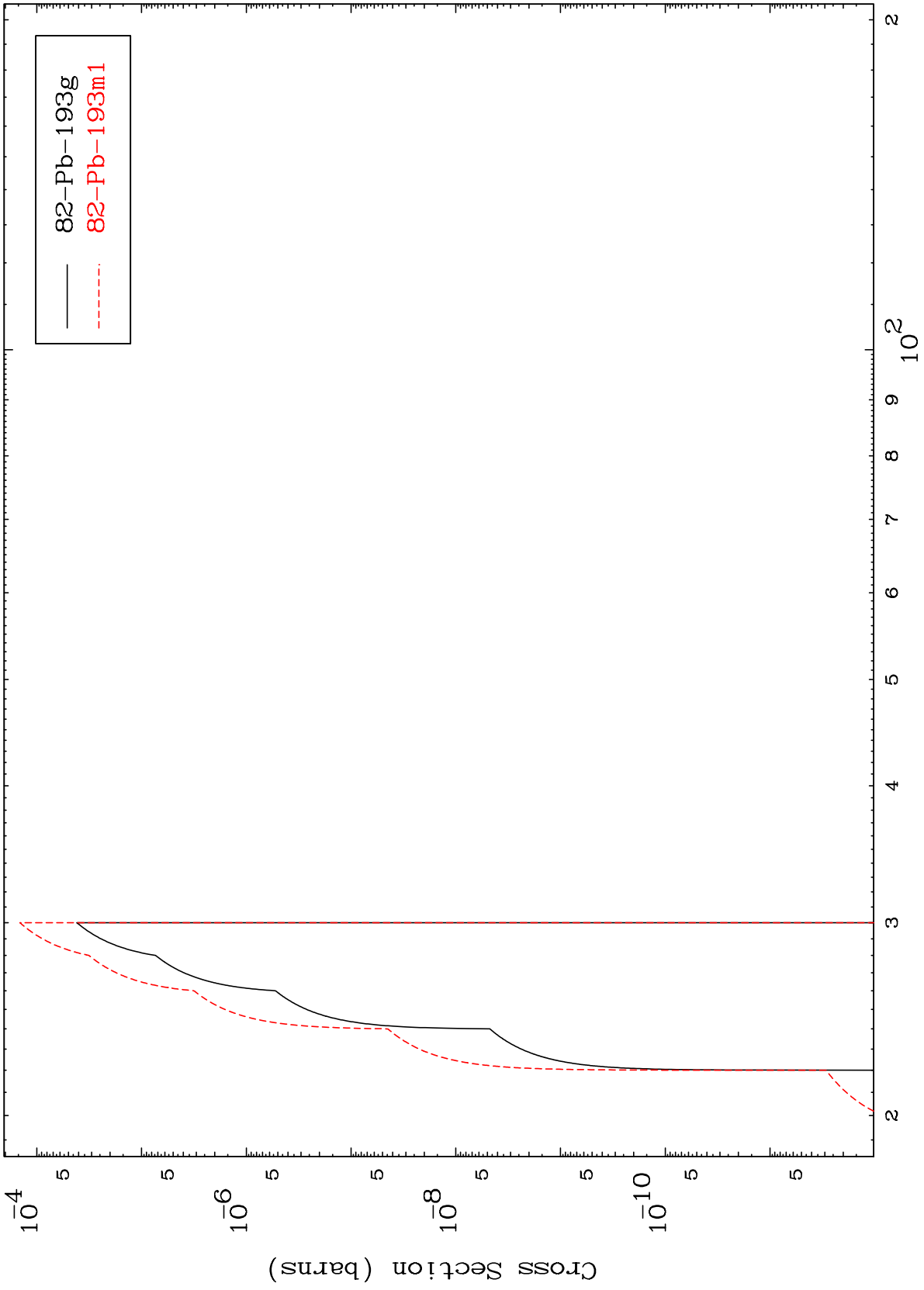
83-Bi-196

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($\gamma, 2n$) p

83-Bi-196

Radionuclide Production Cross Section



18

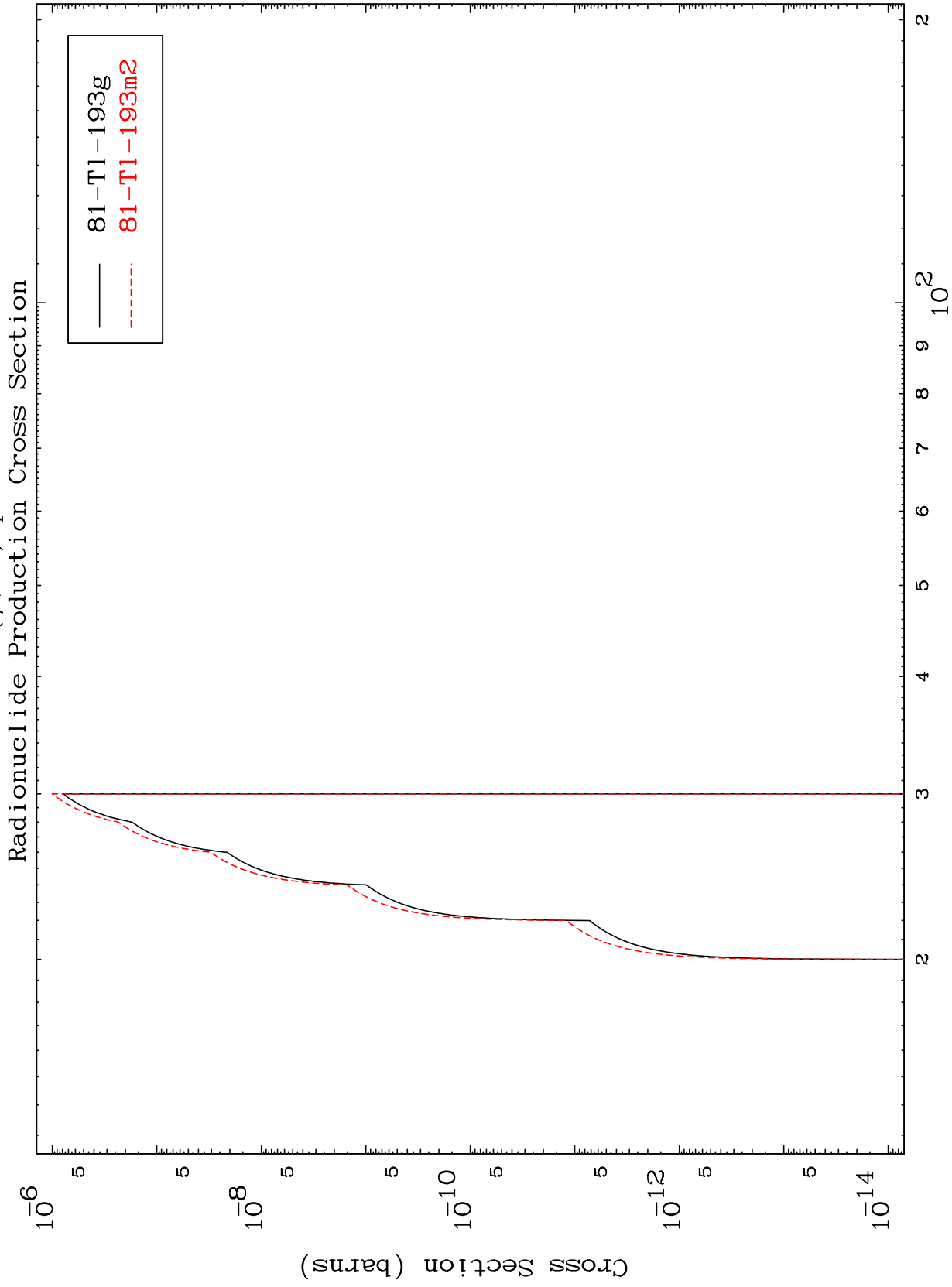
Incident Energy (MeV)

83-Bi-196

MAT 8287

$(\gamma, 2n)$ p

83-Bi-196



19

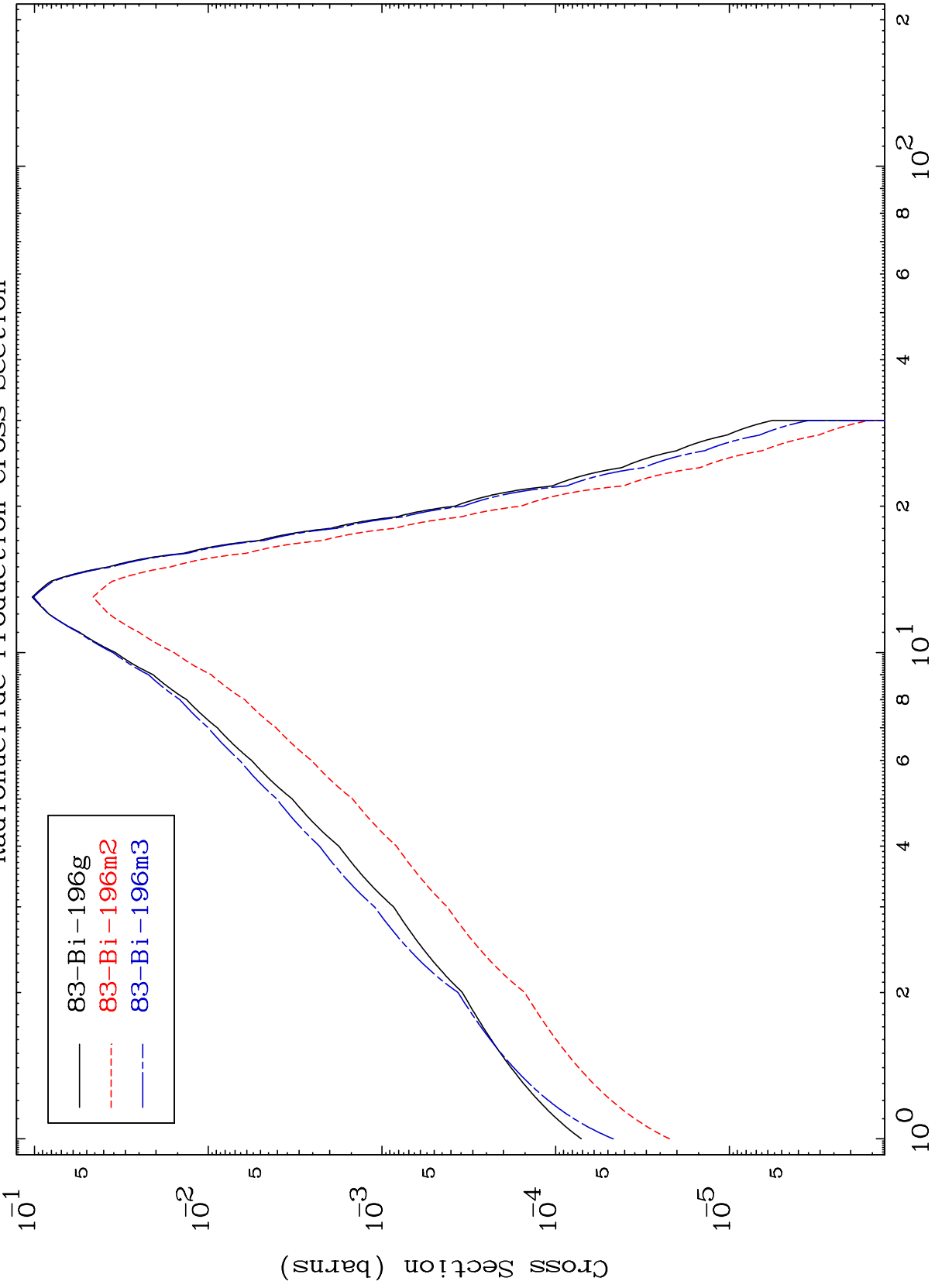
Incident Energy (MeV)

83-Bi-196

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83-Bi-196

Radionuclide Production Cross Section
(γ, γ)



83-Bi-196g
83-Bi-196m2
83-Bi-196m3

83-Bi-196

Incident Energy (MeV)

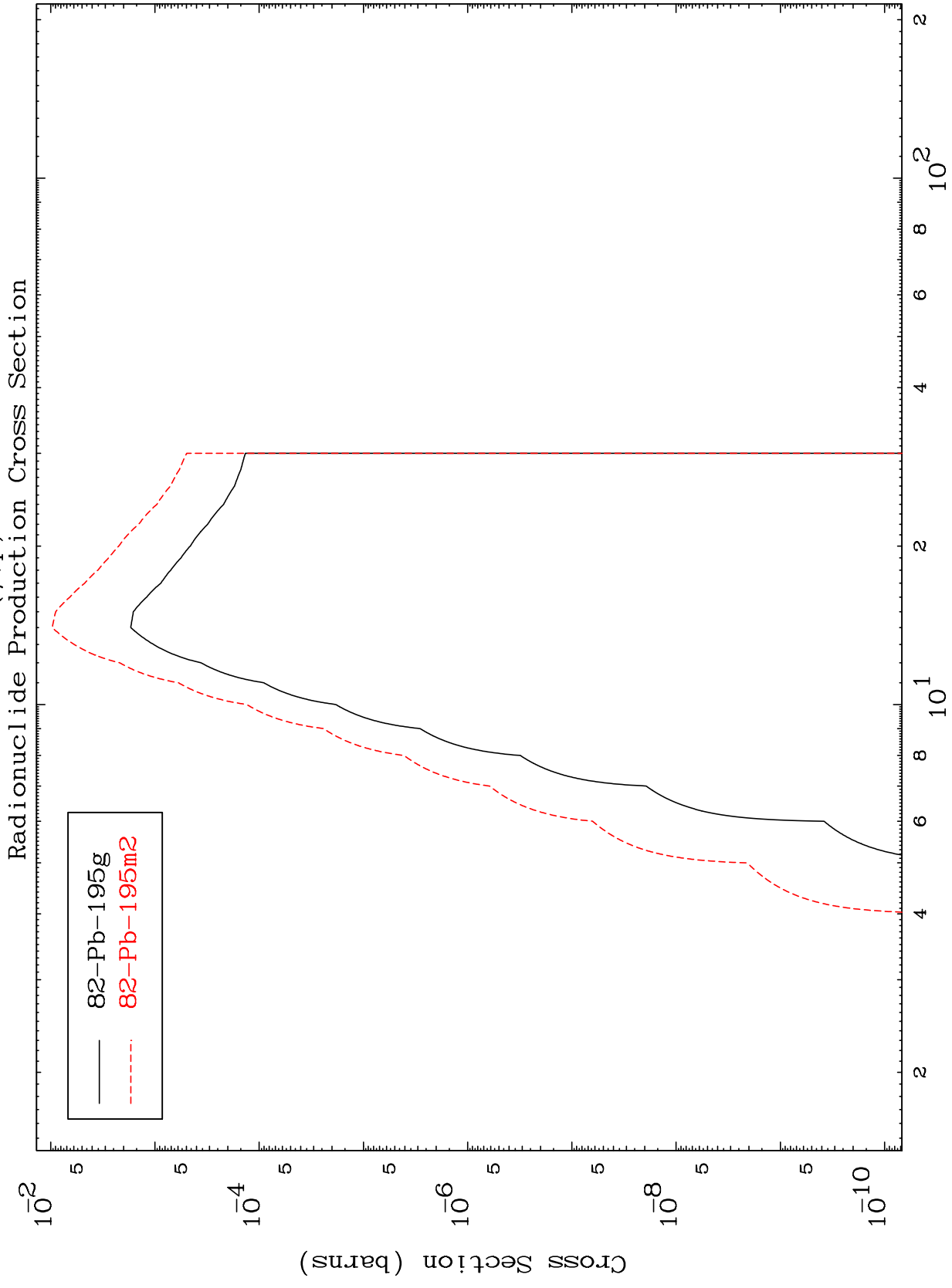
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83-Bi-196

Radionuclide Production Cross Section

(γ, p)

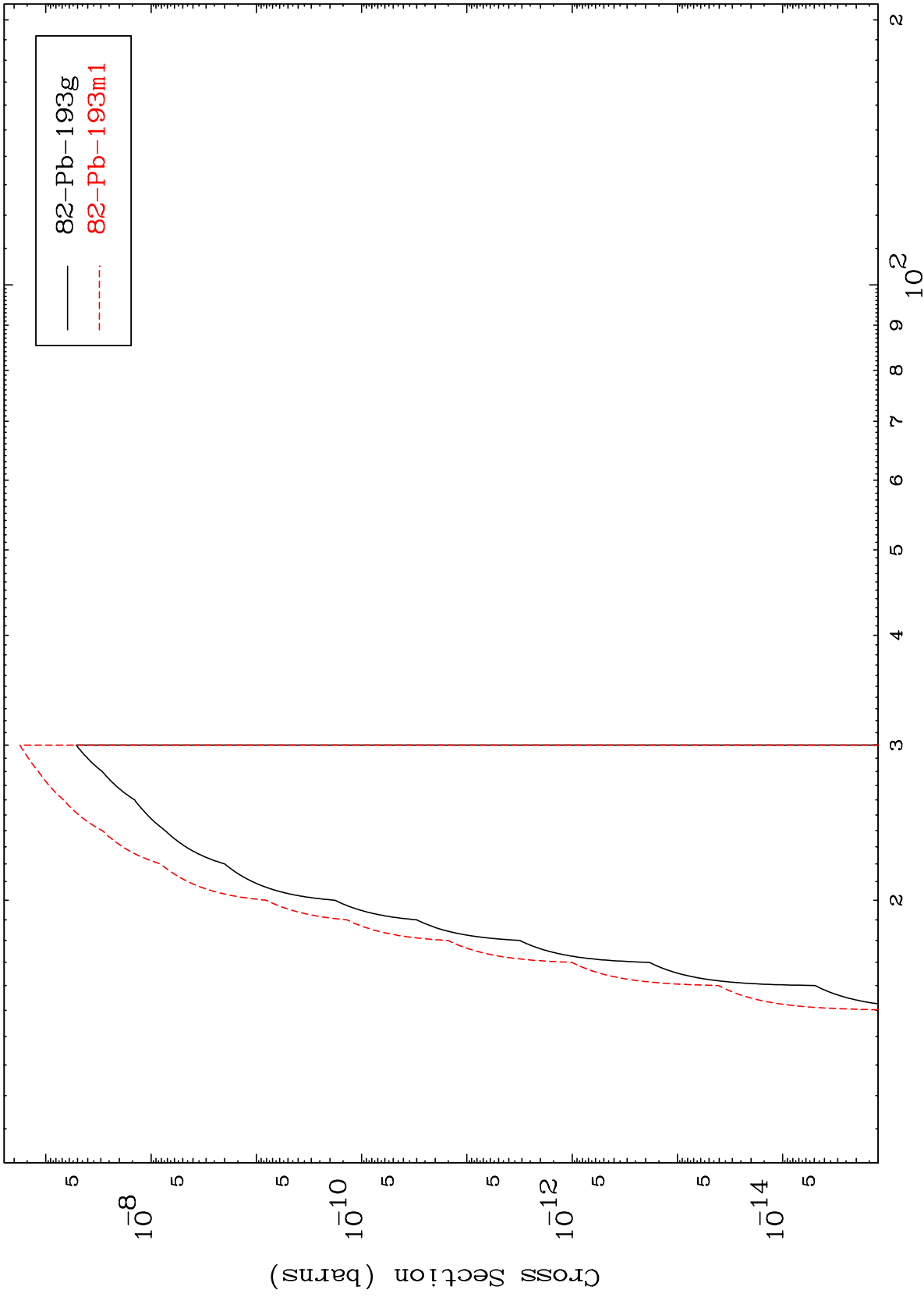


82-Pb-195g
82-Pb-195m2

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83-Bi-196

(γ, t)
Radionuclide Production Cross Section



22

83-Bi-196

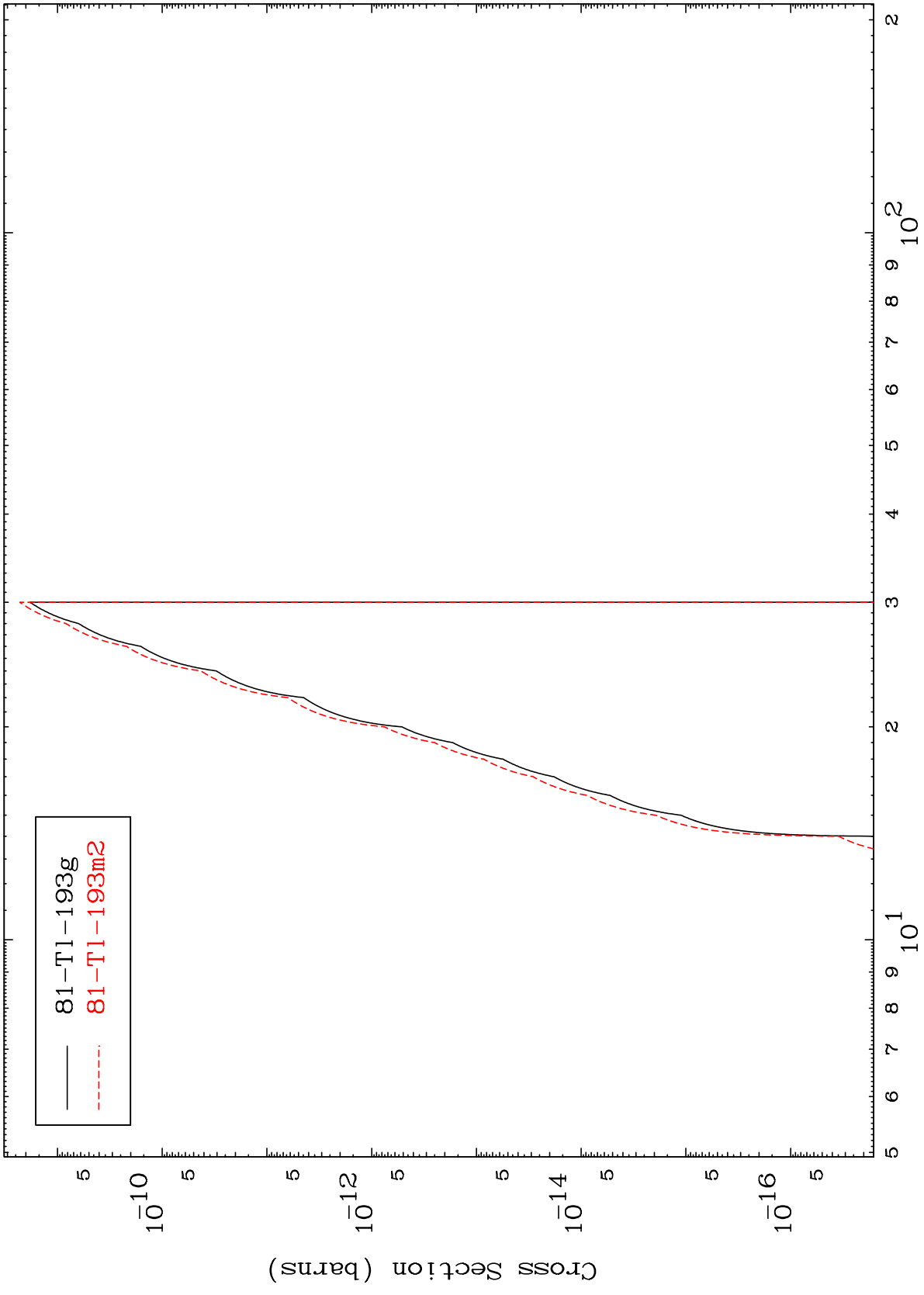
Incident Energy (MeV)

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

83-Bi-196

Radionuclide Production Cross Section



23

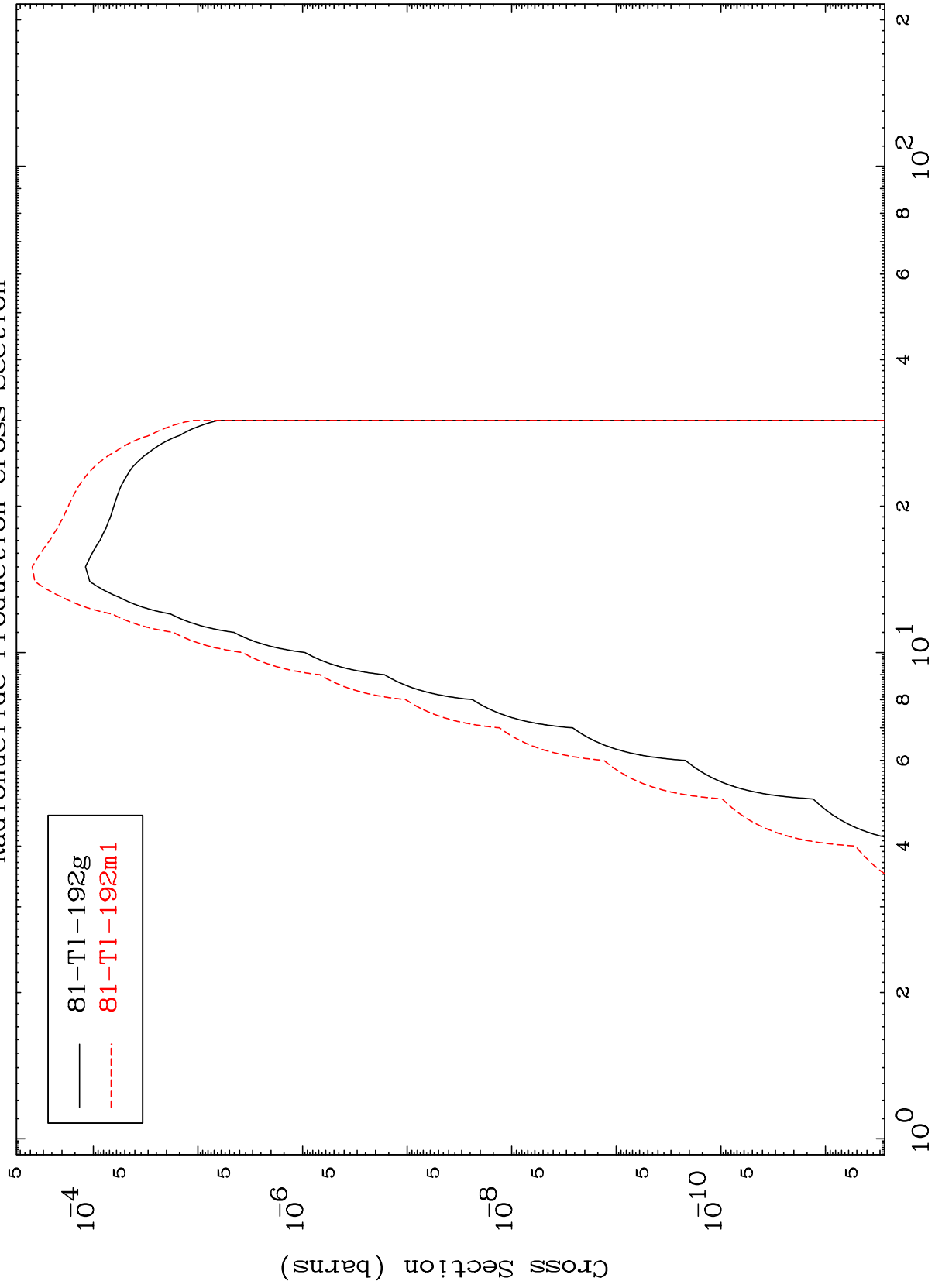
Incident Energy (MeV)

83-Bi-196

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83-Bi-196

Radionuclide Production Cross Section
(γ, α)



24

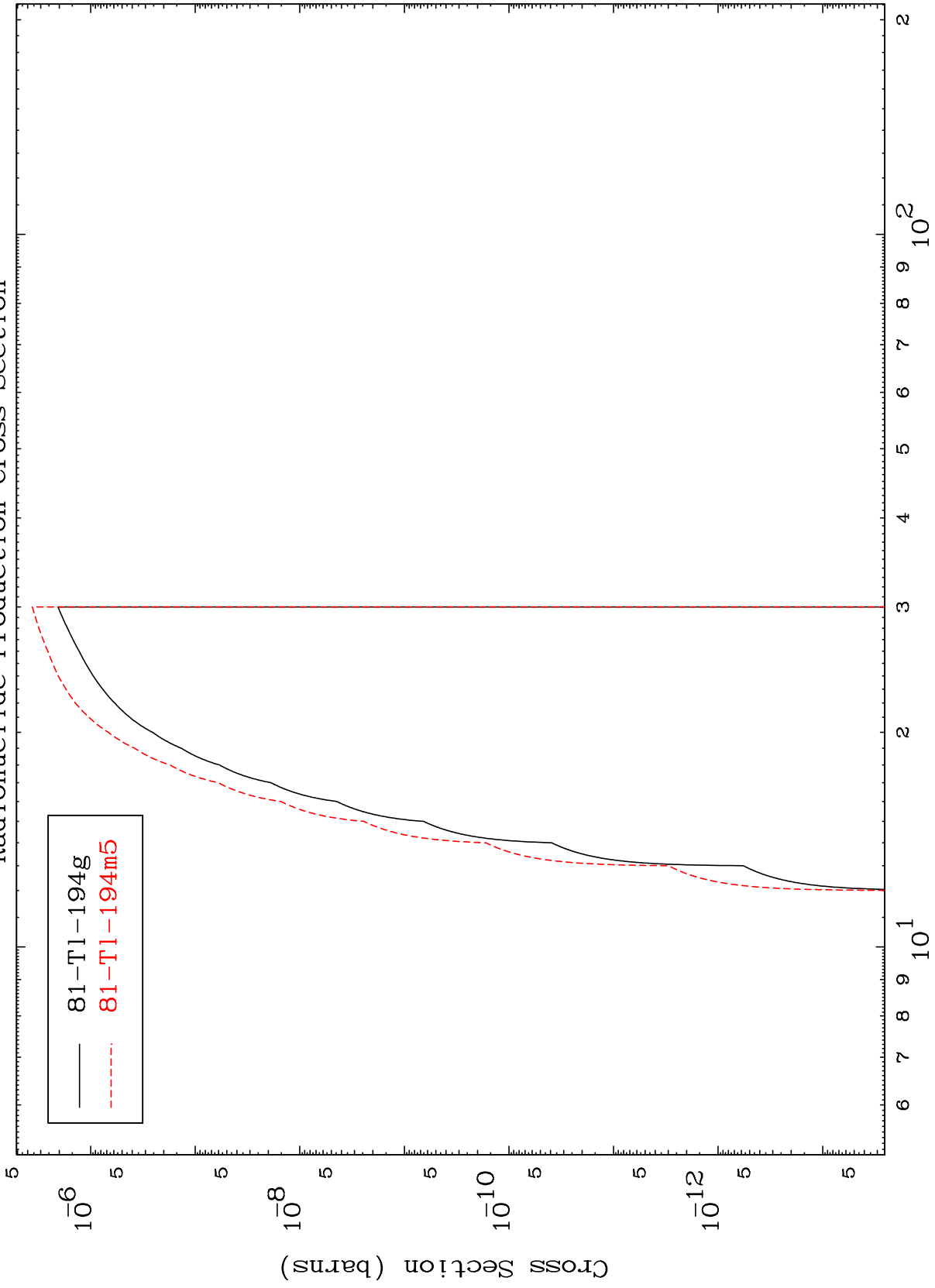
Incident Energy (MeV)

83-Bi-196

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83-Bi-196

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



25

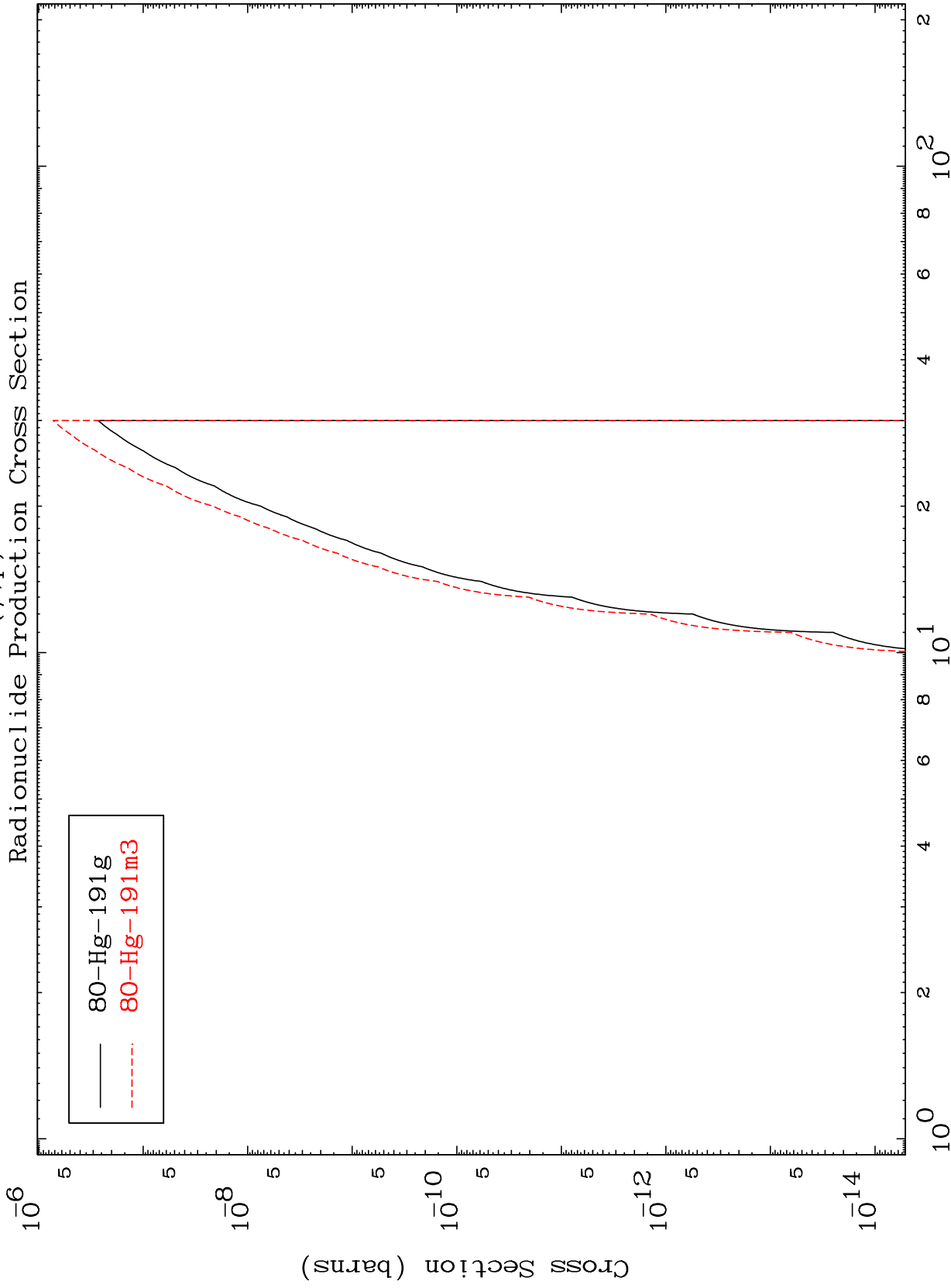
83-Bi-196

MAT 8287

(γ, p) α

83-Bi-196

Radionuclide Production Cross Section



80-Hg-191 g
80-Hg-191 m3

26

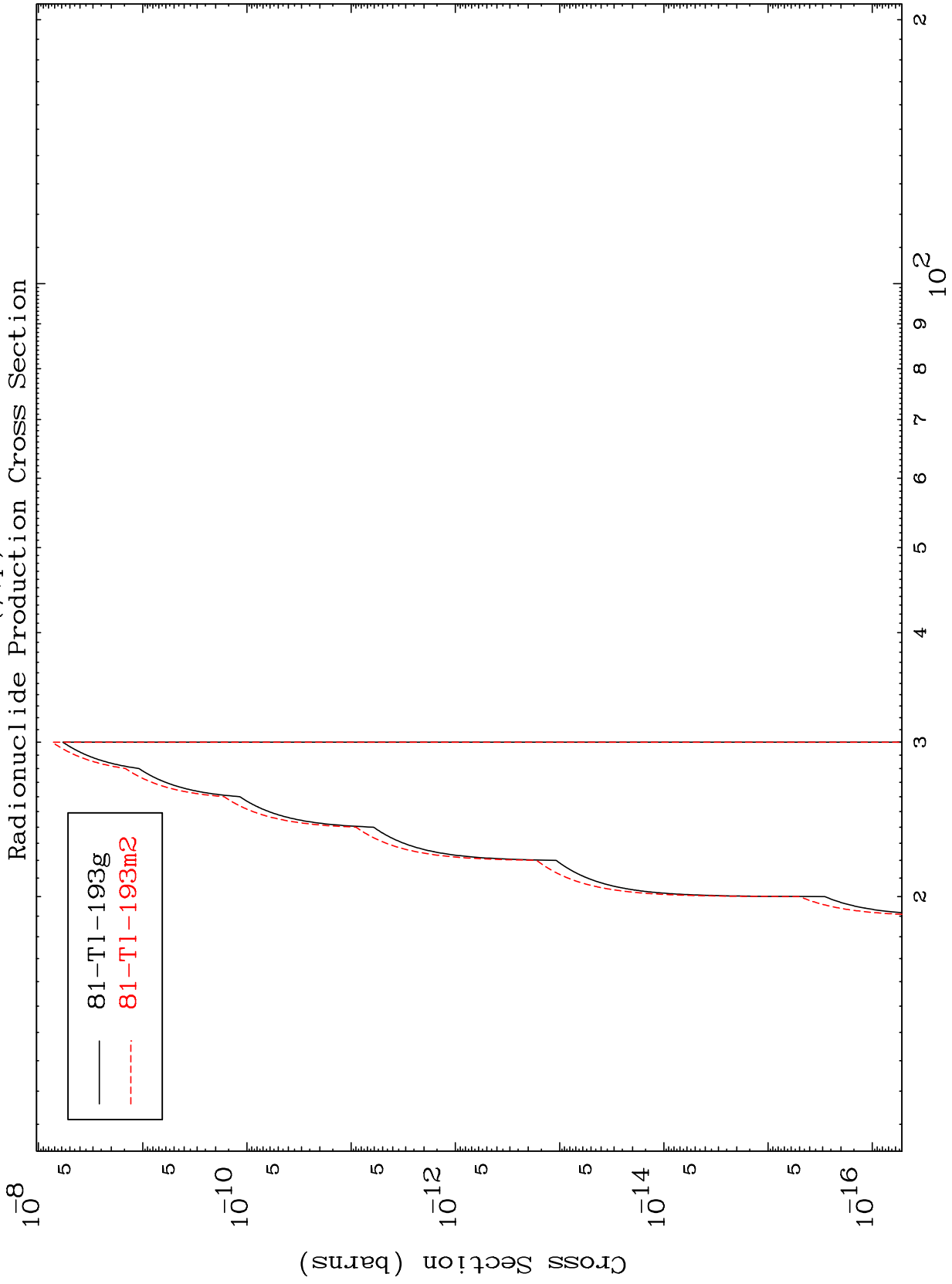
Incident Energy (MeV)

83-Bi-196

MAT 8287

(γ, p) d

83-Bi-196



27

Incident Energy (MeV)

83-Bi-196