

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

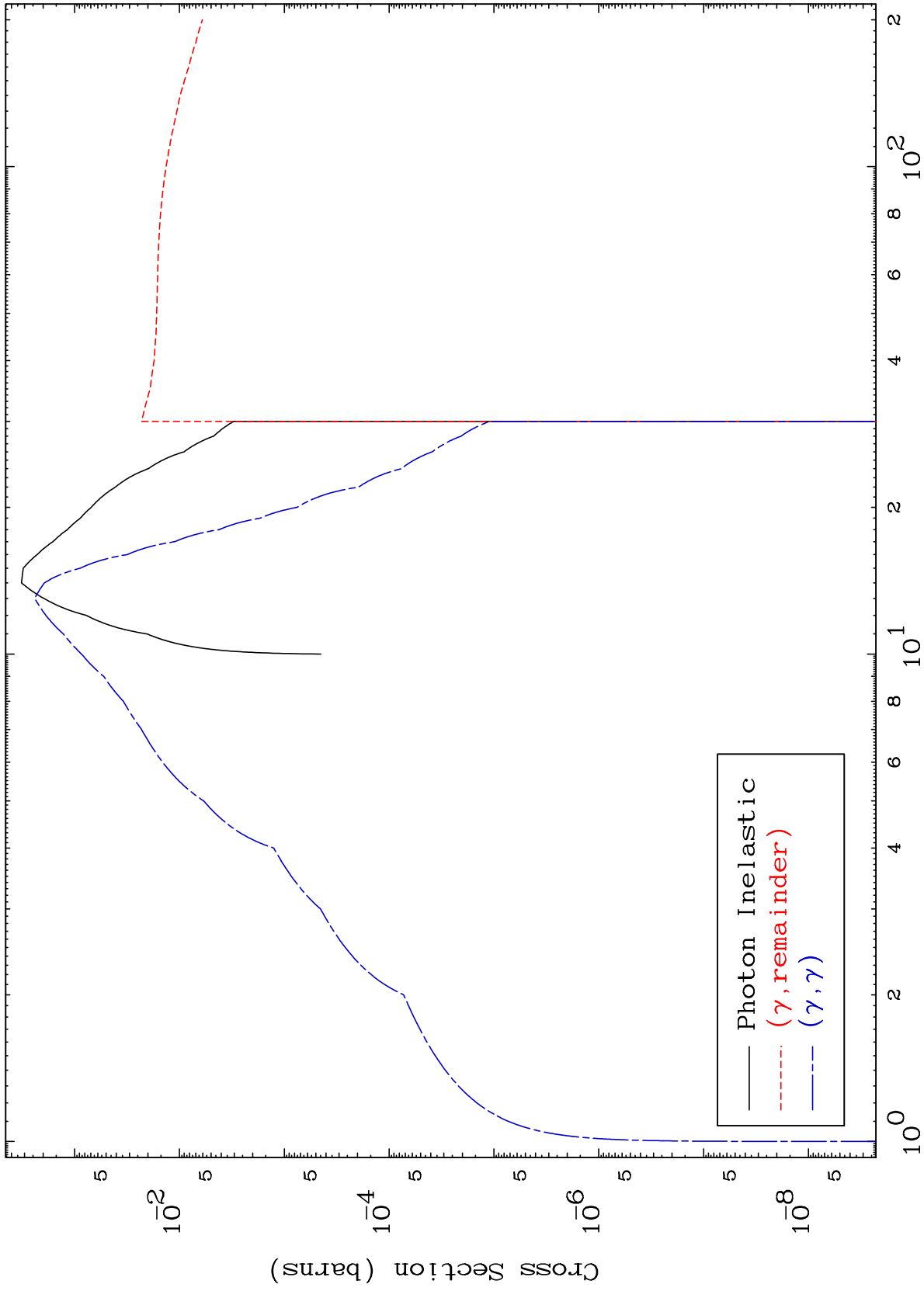
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8289

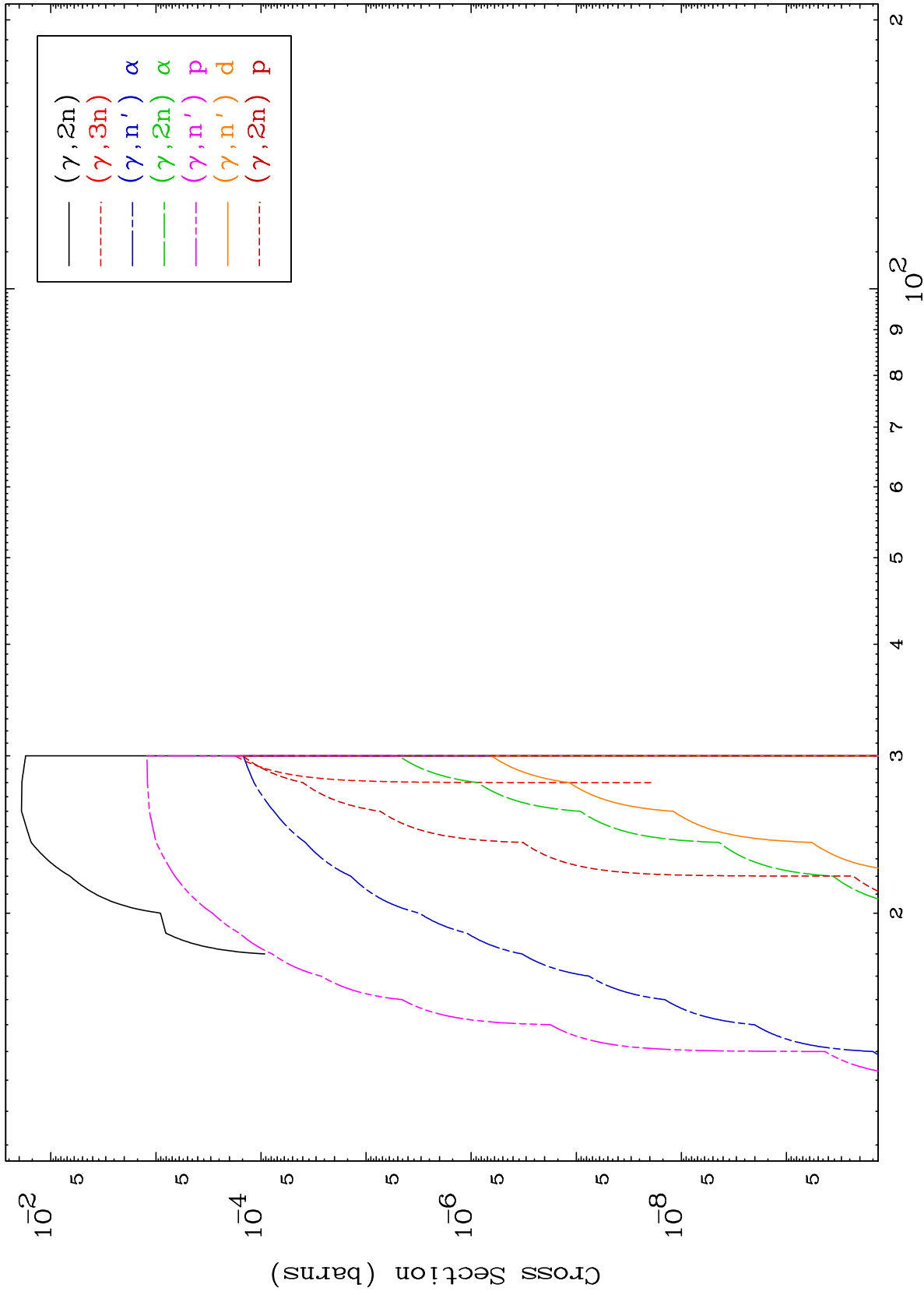
Photon Major
0 Kelvin Cross Sections

83-Bi-197



Incident Energy (MeV)

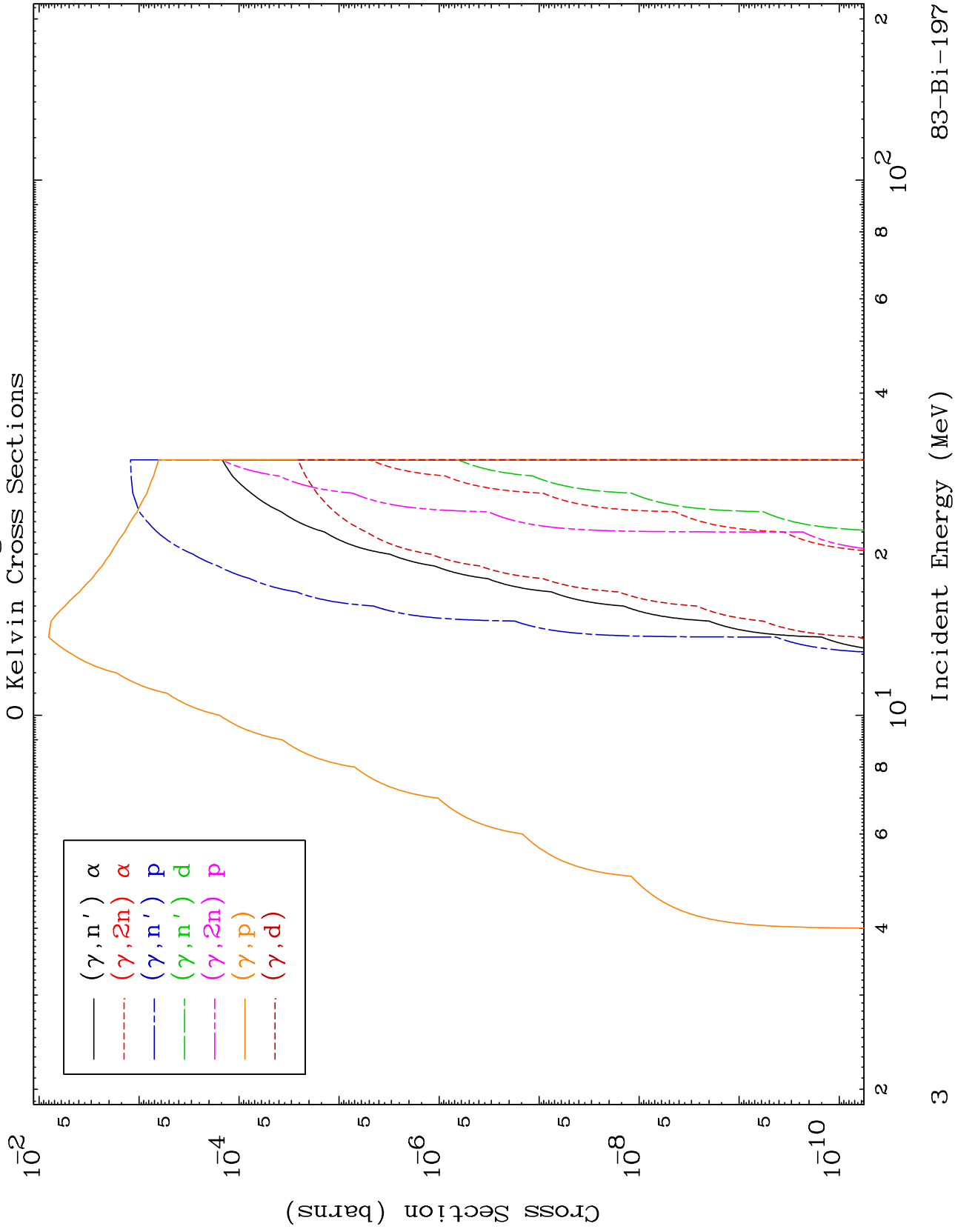
83-Bi-197



MAT 8289

Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-197



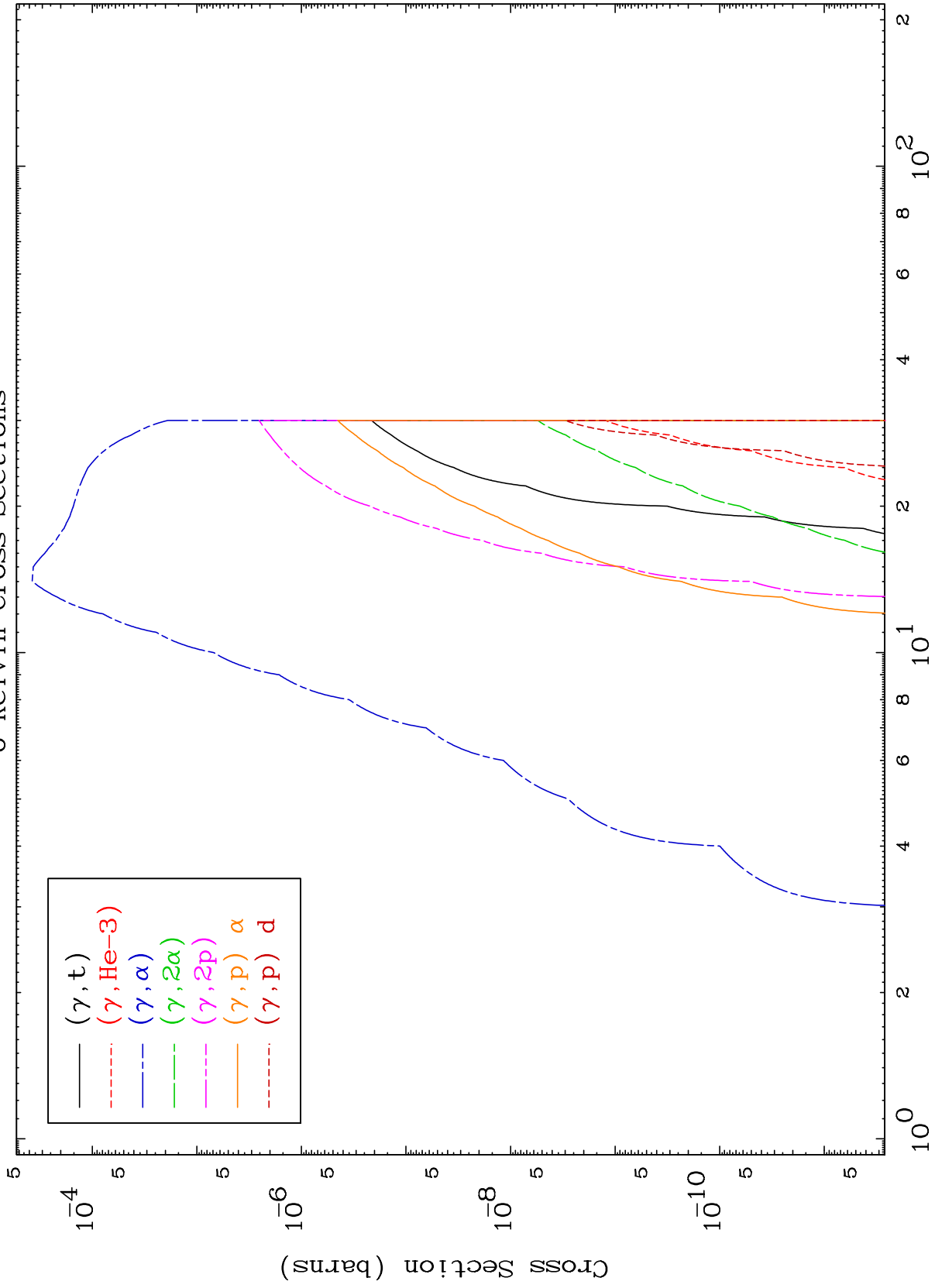
3

83-Bi-197

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Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-197



Incident Energy (MeV)

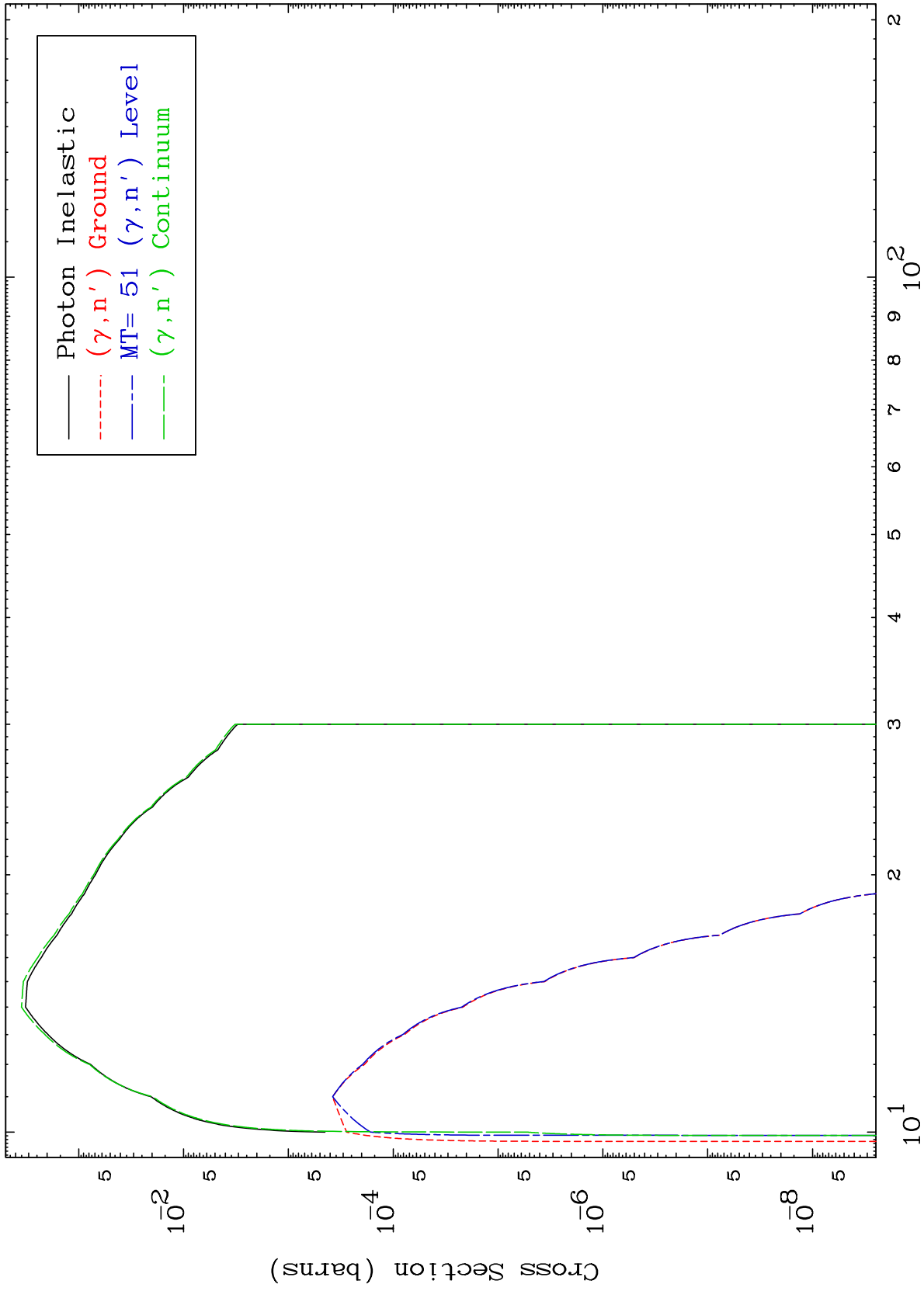
83-Bi-197

MAT 8289

(γ, n') Level

83-Bi-197

0 Kelvin Cross Sections



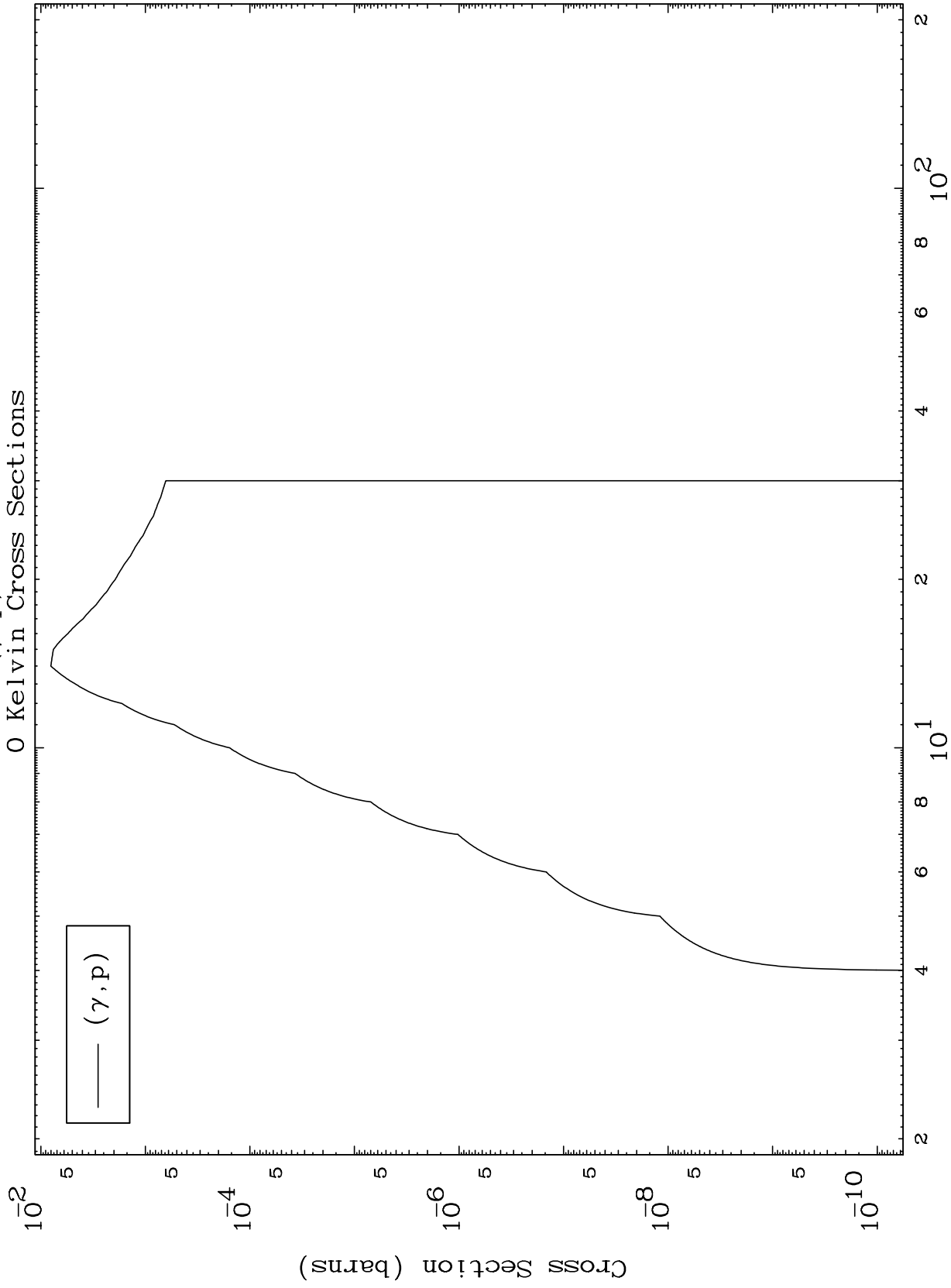
Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197

(γ, p) Levels
0 Kelvin Cross Sections



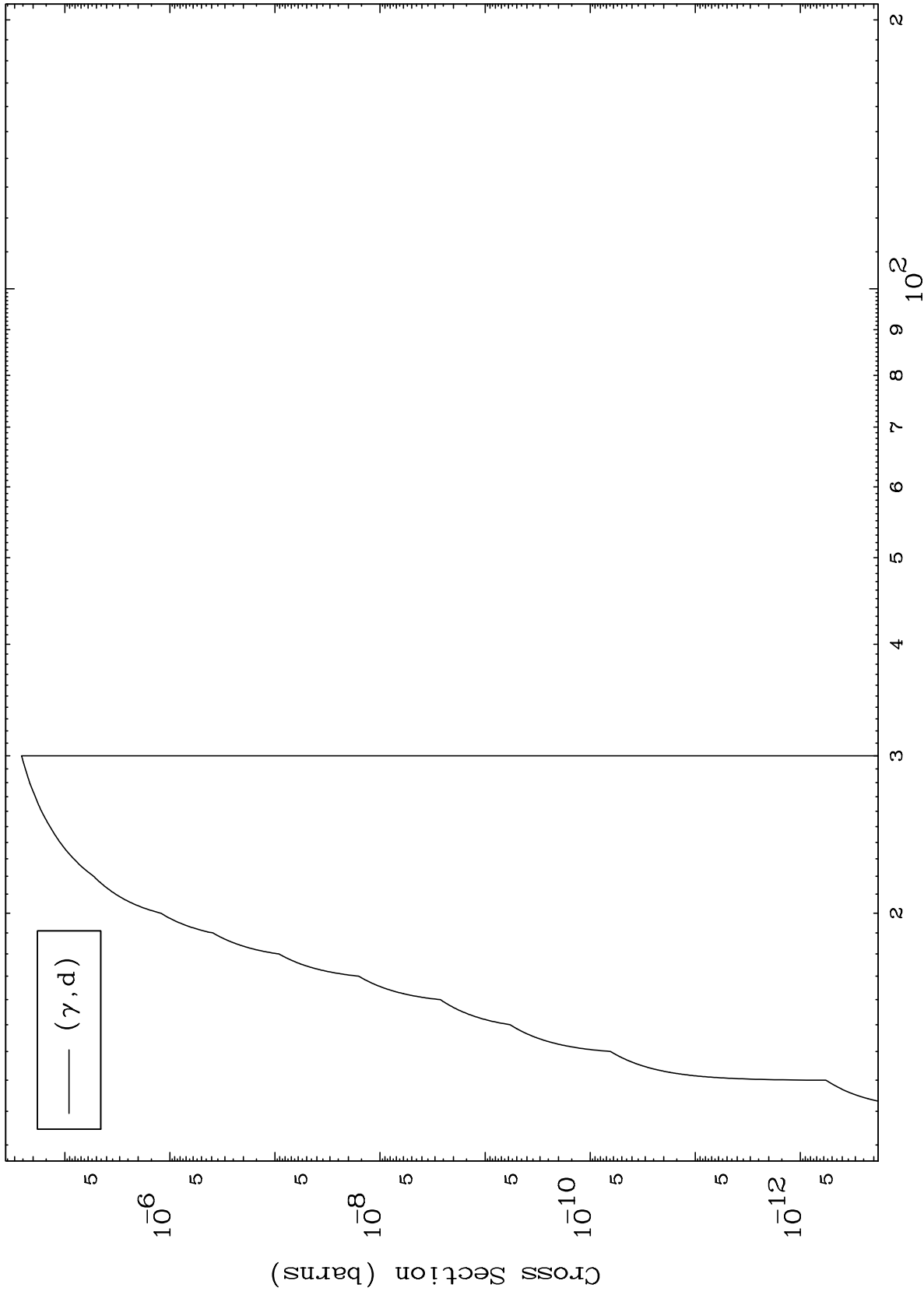
6

83-Bi-197

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(γ, d) Levels
0 Kelvin Cross Sections

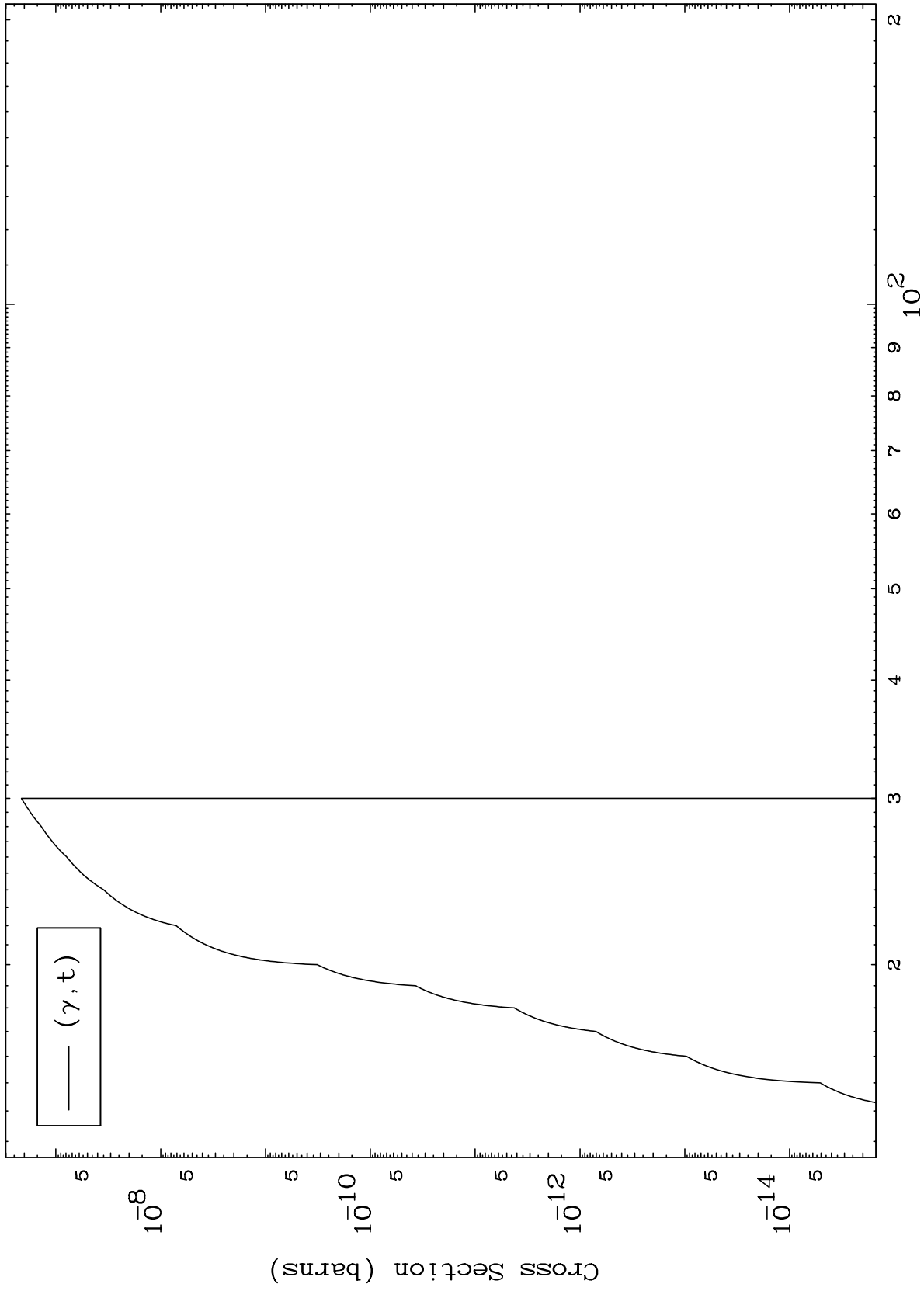
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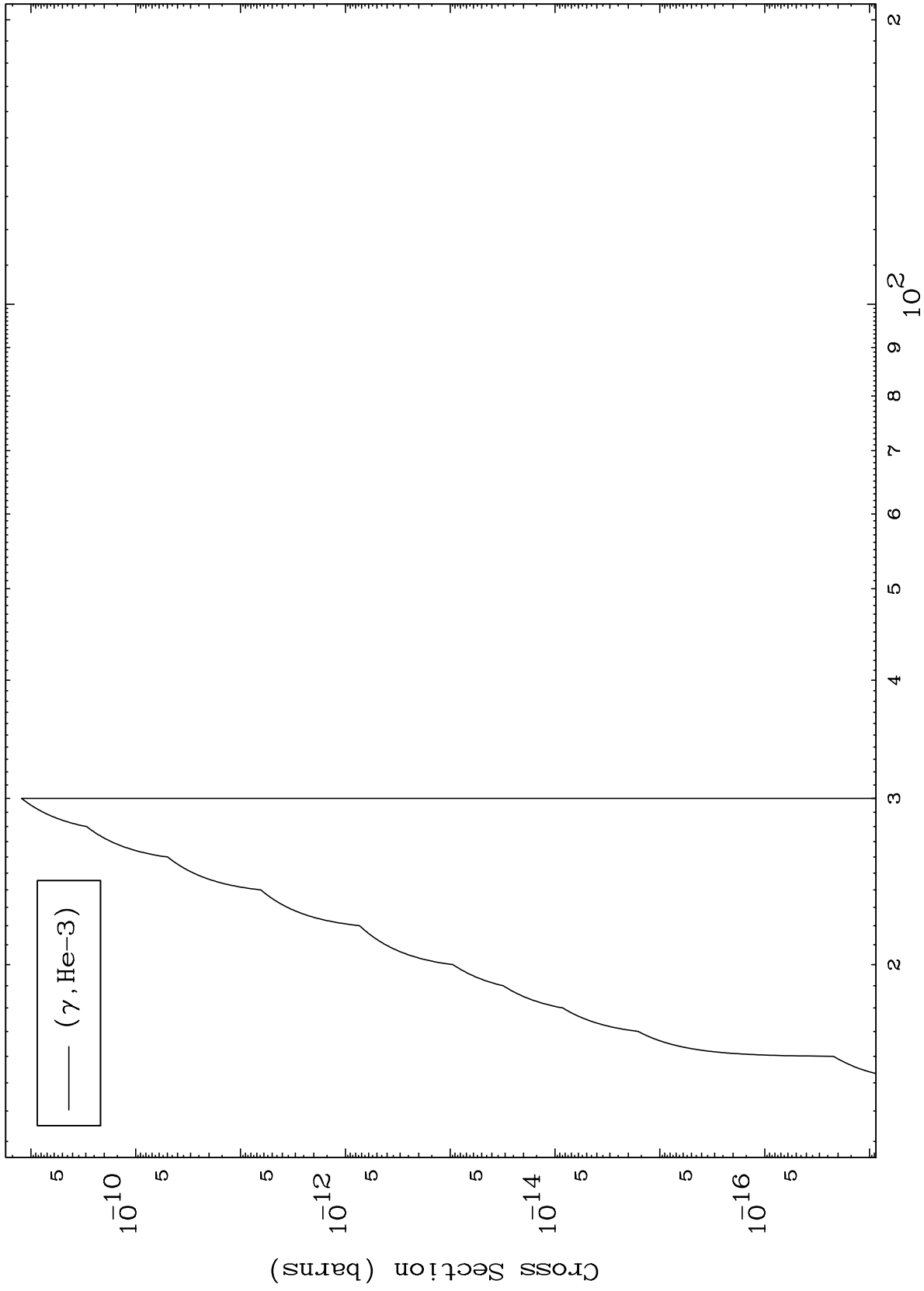


7

Incident Energy (MeV)

83-Bi-197

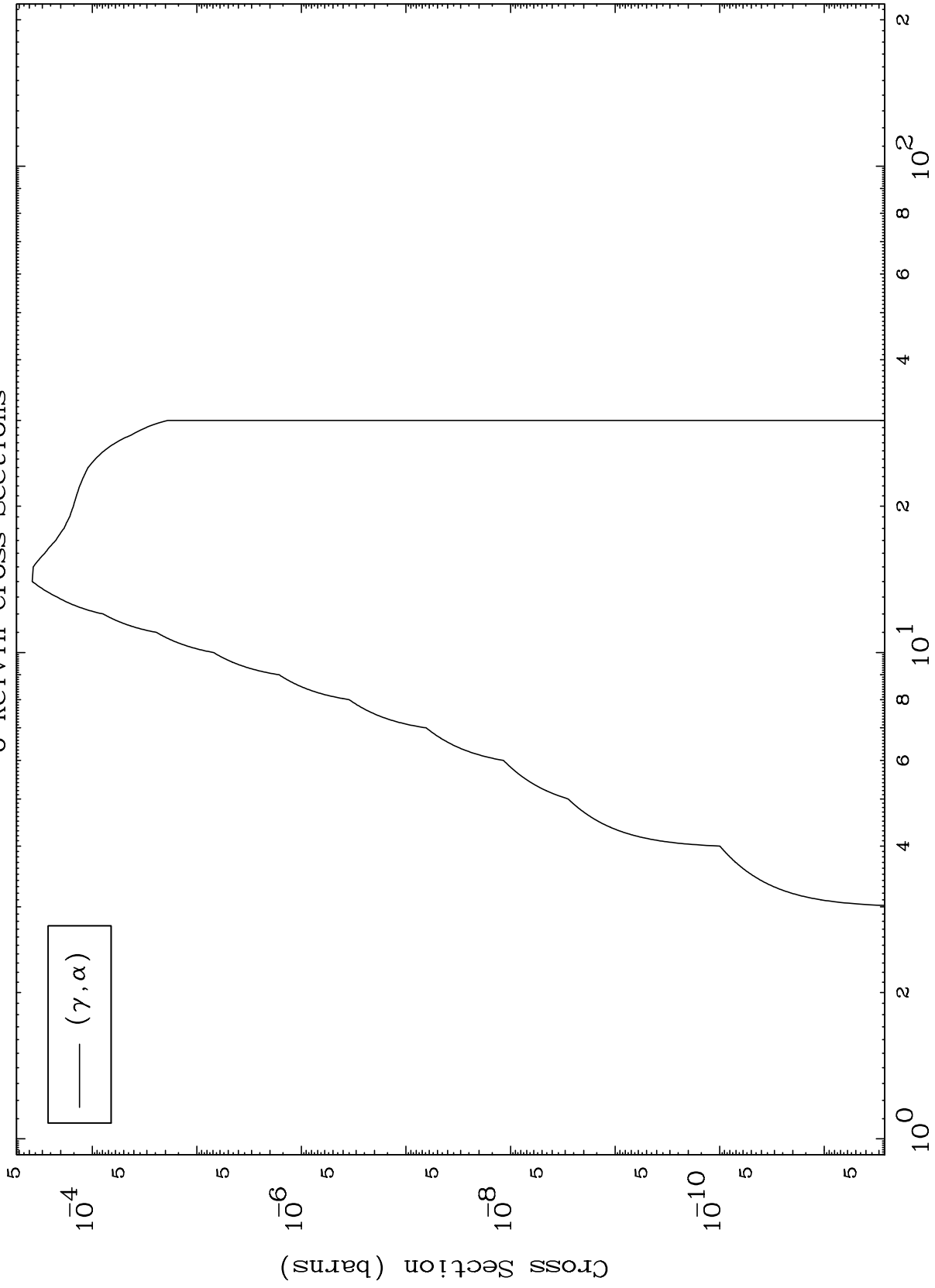




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(γ, α) Levels
0 Kelvin Cross Sections

83-Bi-197



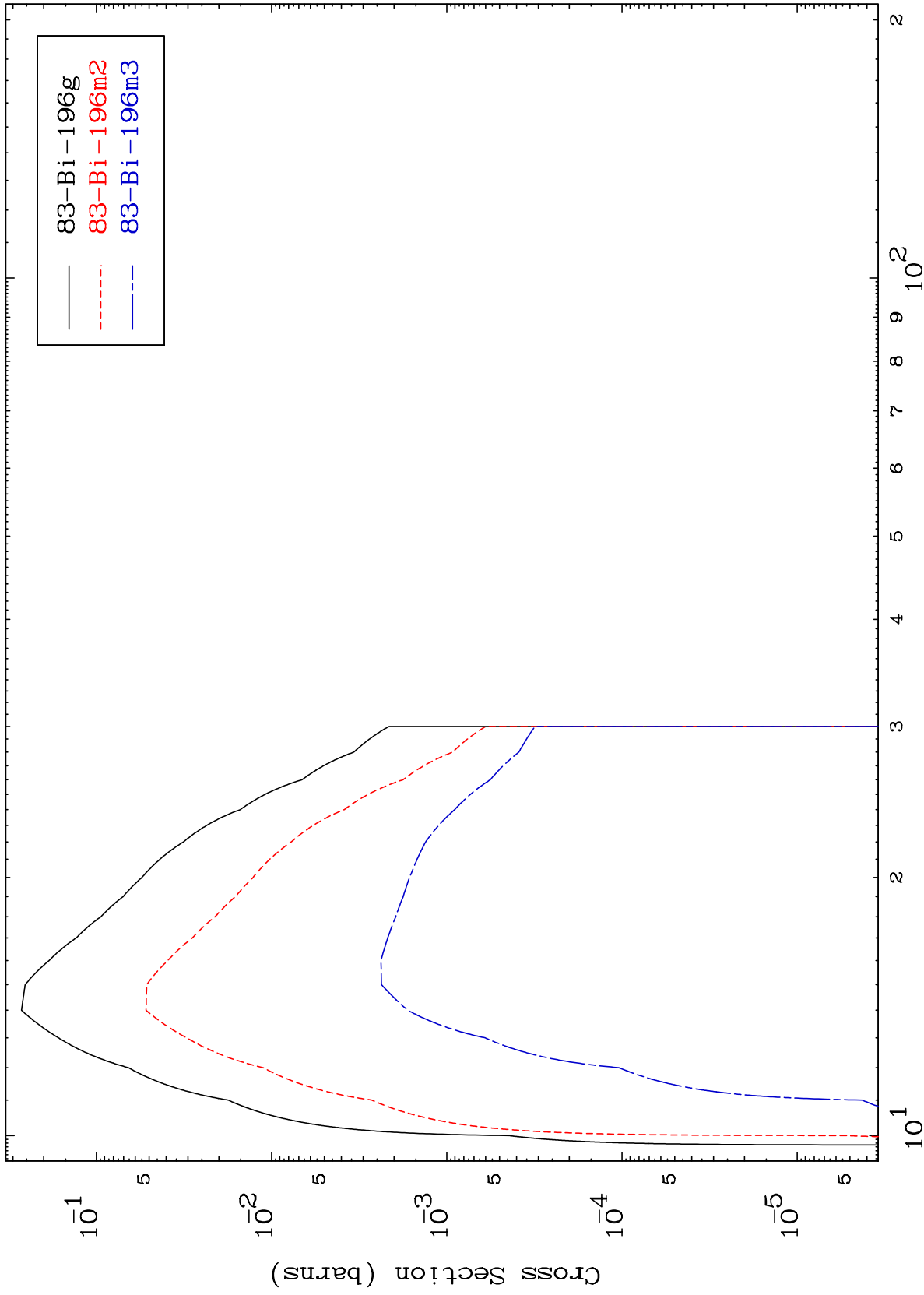
Incident Energy (MeV)

83-Bi-197

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Photon Inelastic
Radionuclide Production Cross Section

83-Bi-197



11

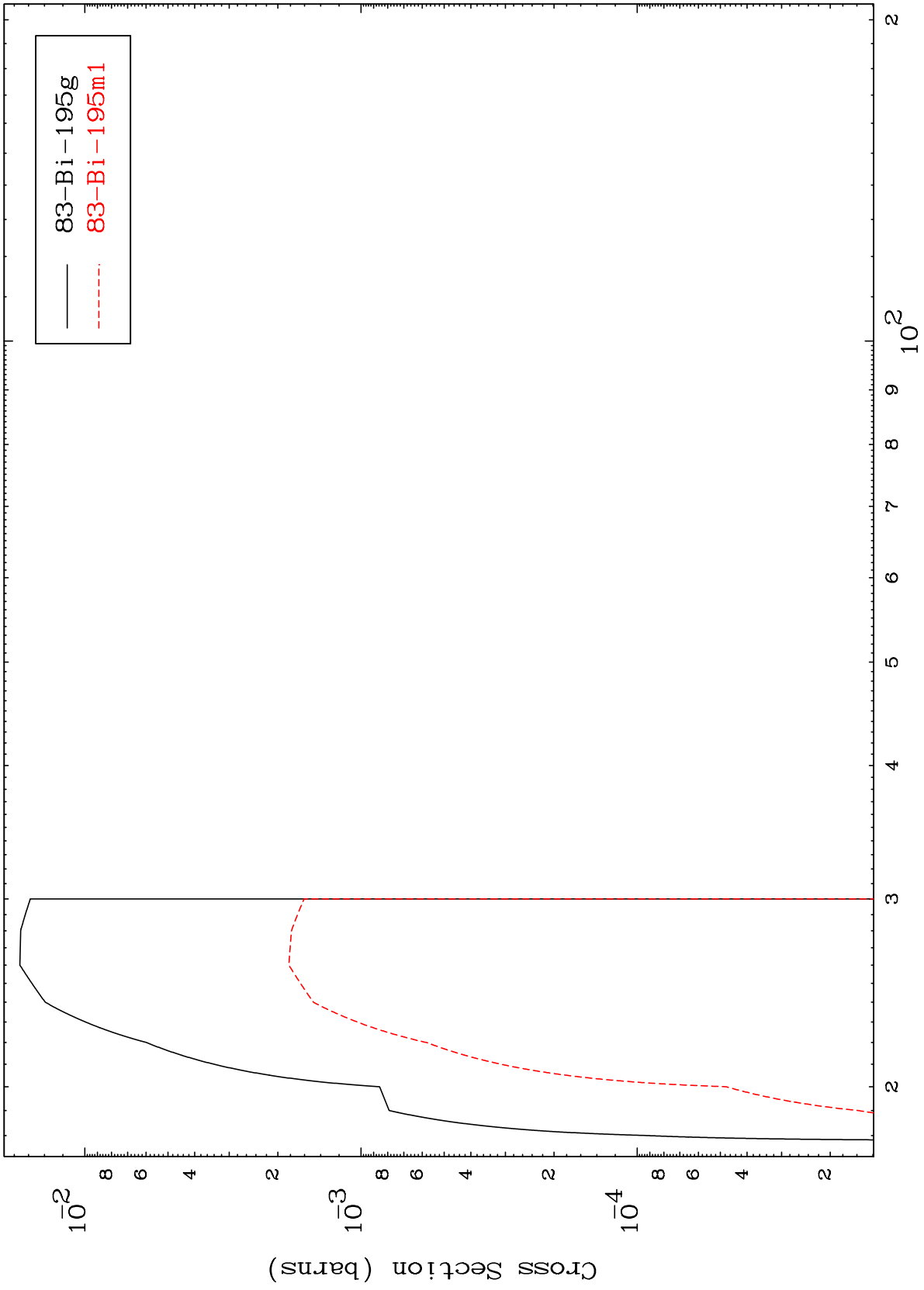
Incident Energy (MeV)

83-Bi-197

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$^{83}\text{Bi}-197$

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



12

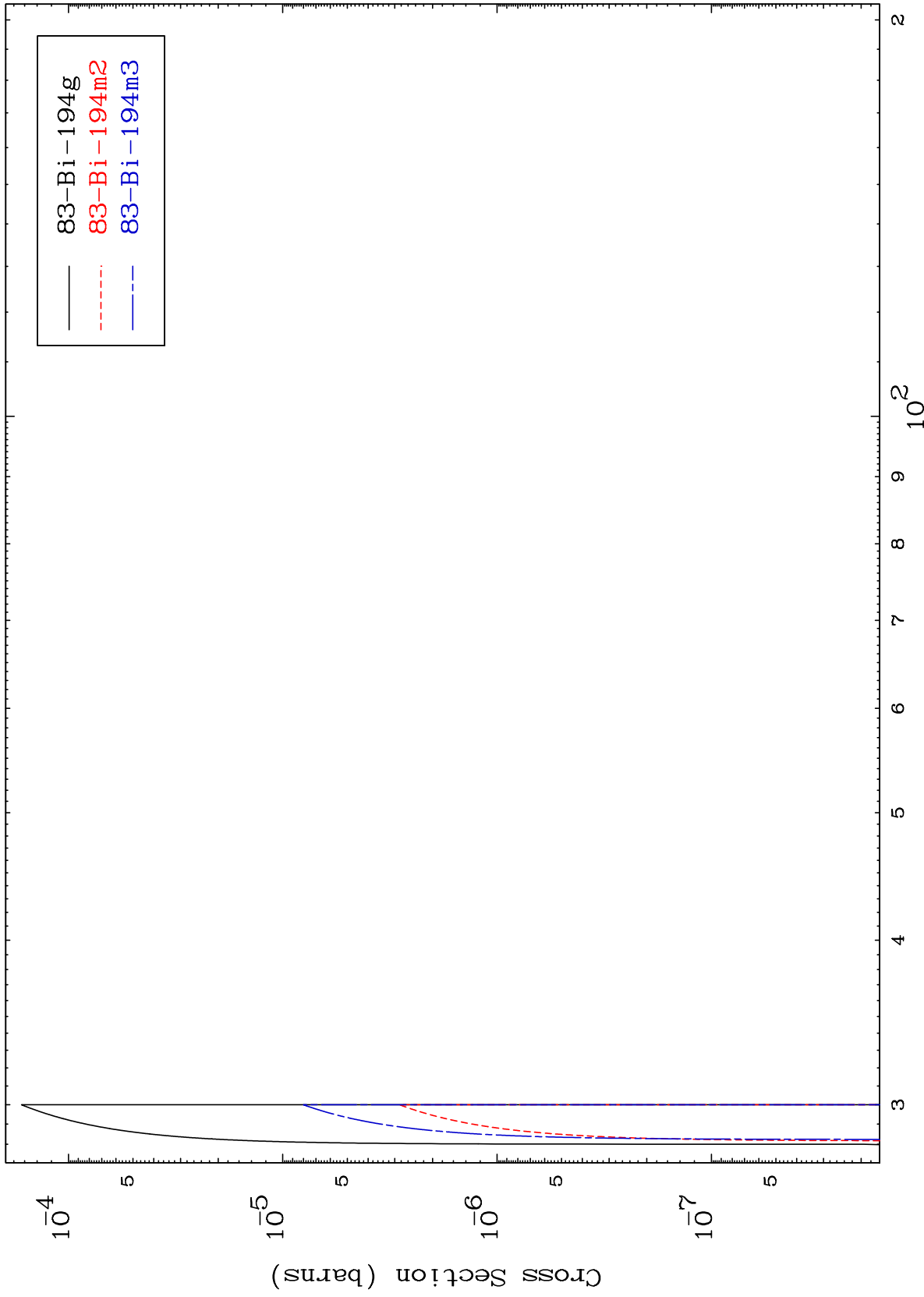
Incident Energy (MeV)

$^{83}\text{Bi}-197$

MAT 8289

83-Bi-197

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



13

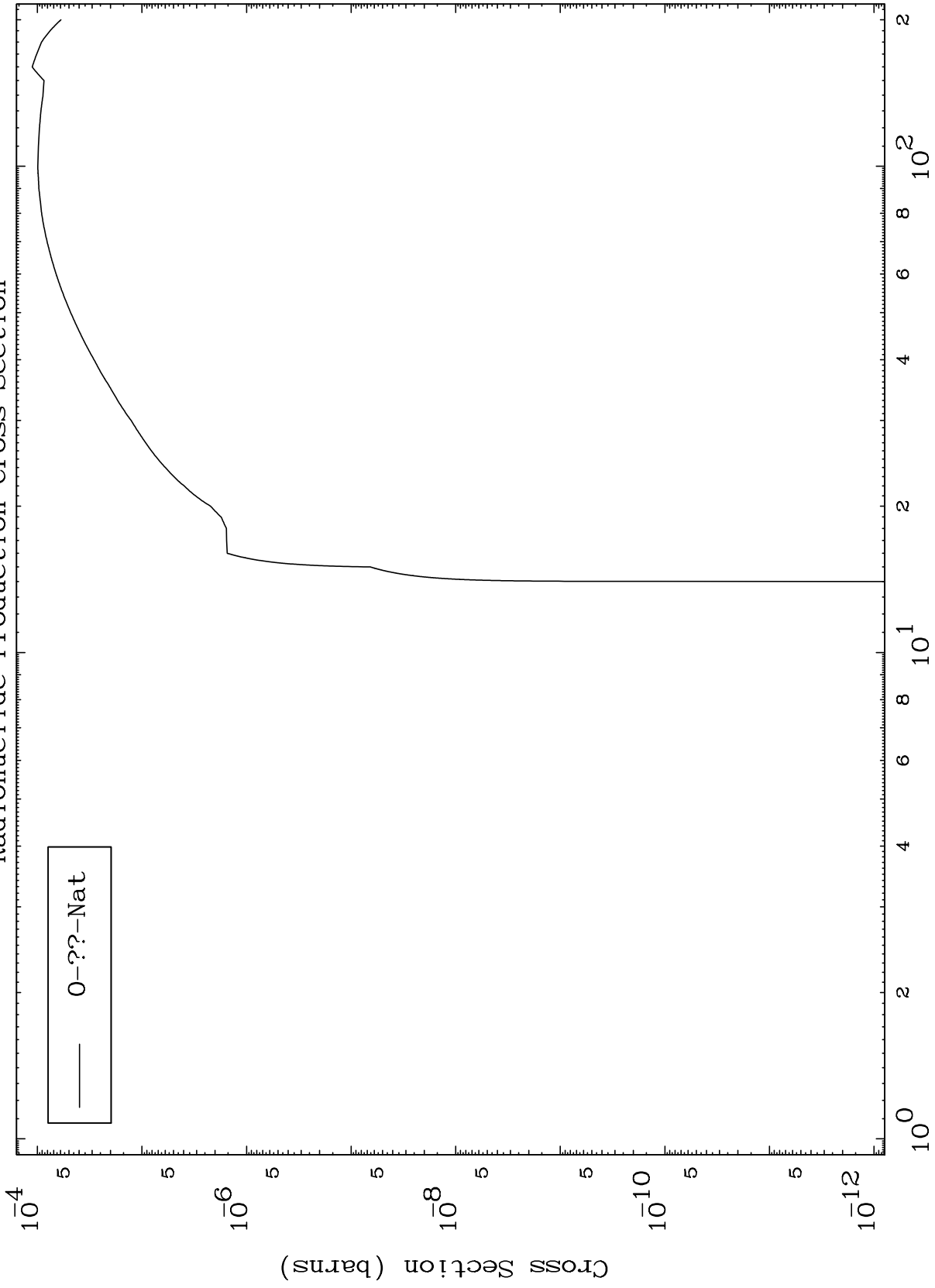
83-Bi-197

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Photon Fission

83-Bi-197

Radionuclide Production Cross Section



14

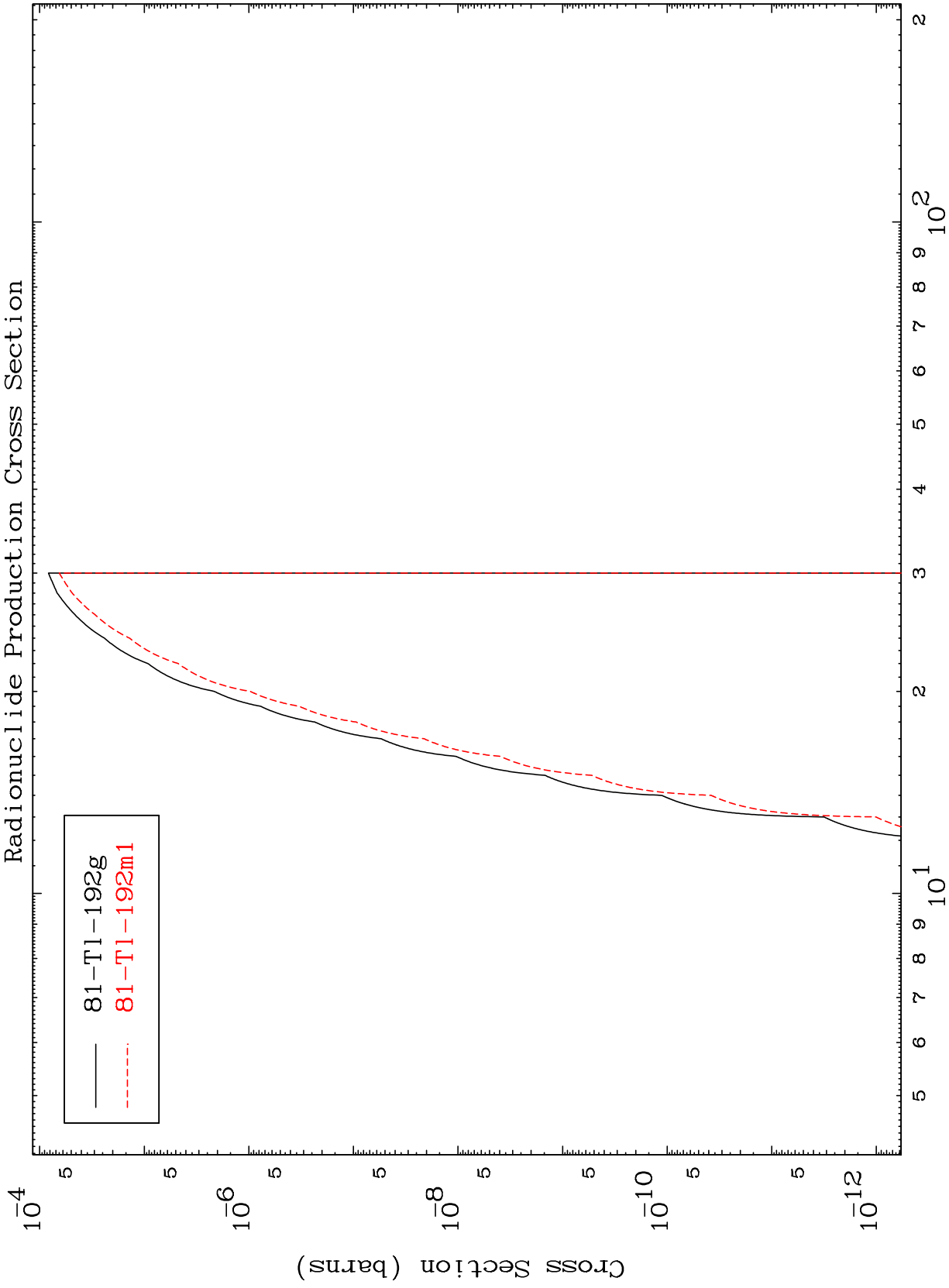
Incident Energy (MeV)

83-Bi-197

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83-Bi-197

(γ, n') α
Radionuclide Production Cross Section



15

Incident Energy (MeV)

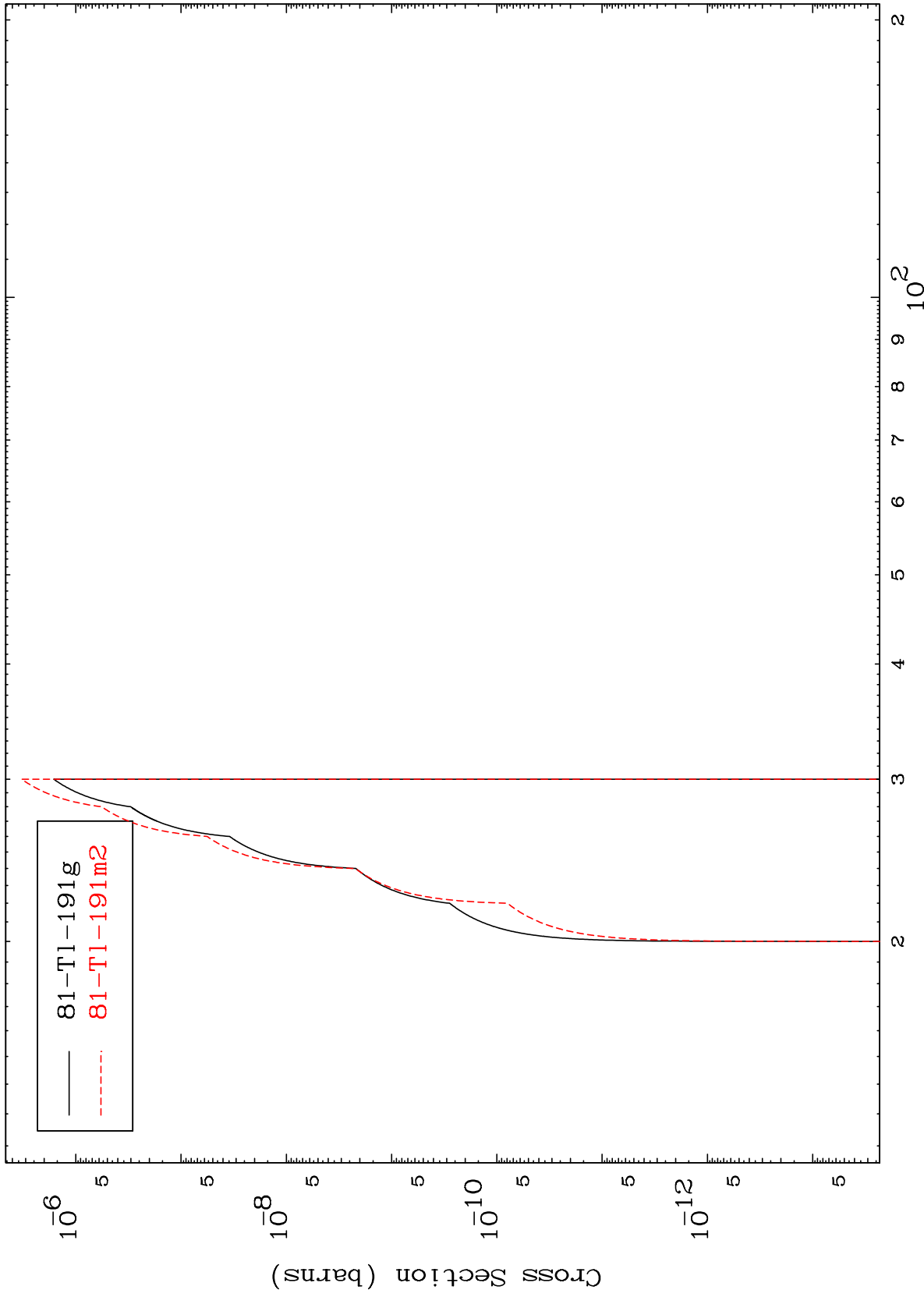
83-Bi-197

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($\gamma, 2n$) α

83-Bi-197

Radionuclide Production Cross Section



16

Incident Energy (MeV)

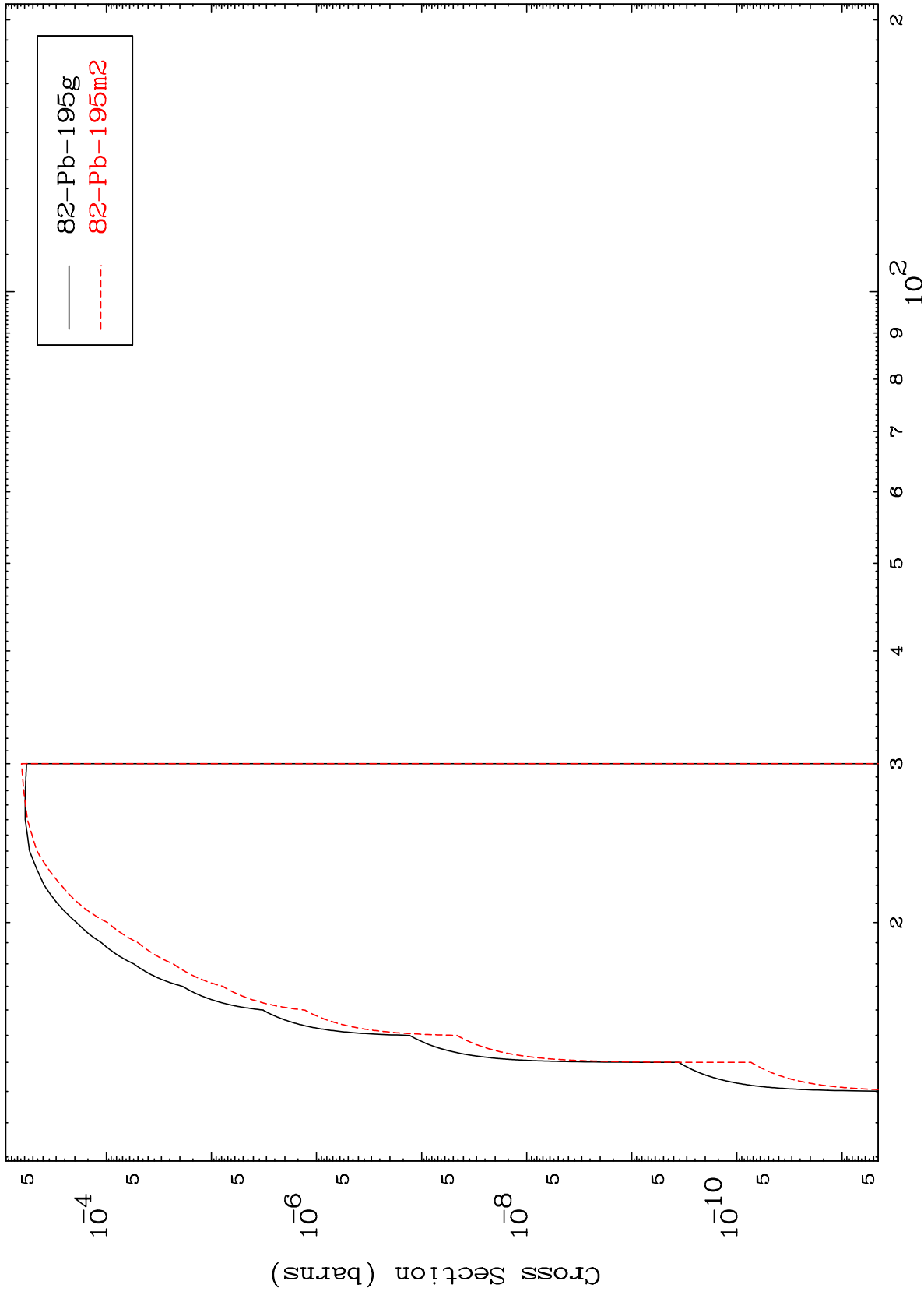
83-Bi-197

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(γ, n') p

83-Bi-197

Radionuclide Production Cross Section



17

Incident Energy (MeV)

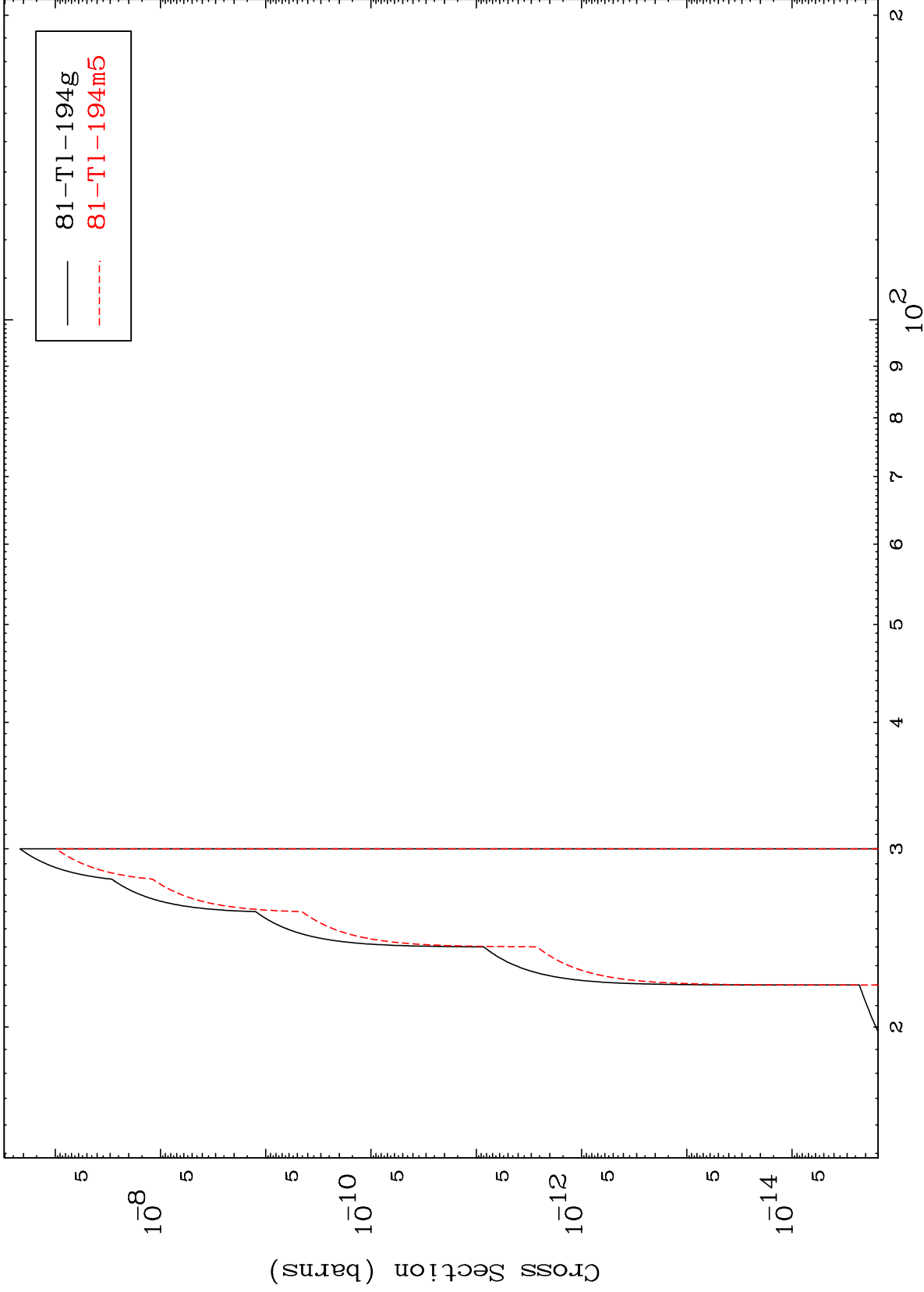
83-Bi-197

MAT 8289

($\gamma, 2n$) p

83-Bi-197

Radionuclide Production Cross Section



18

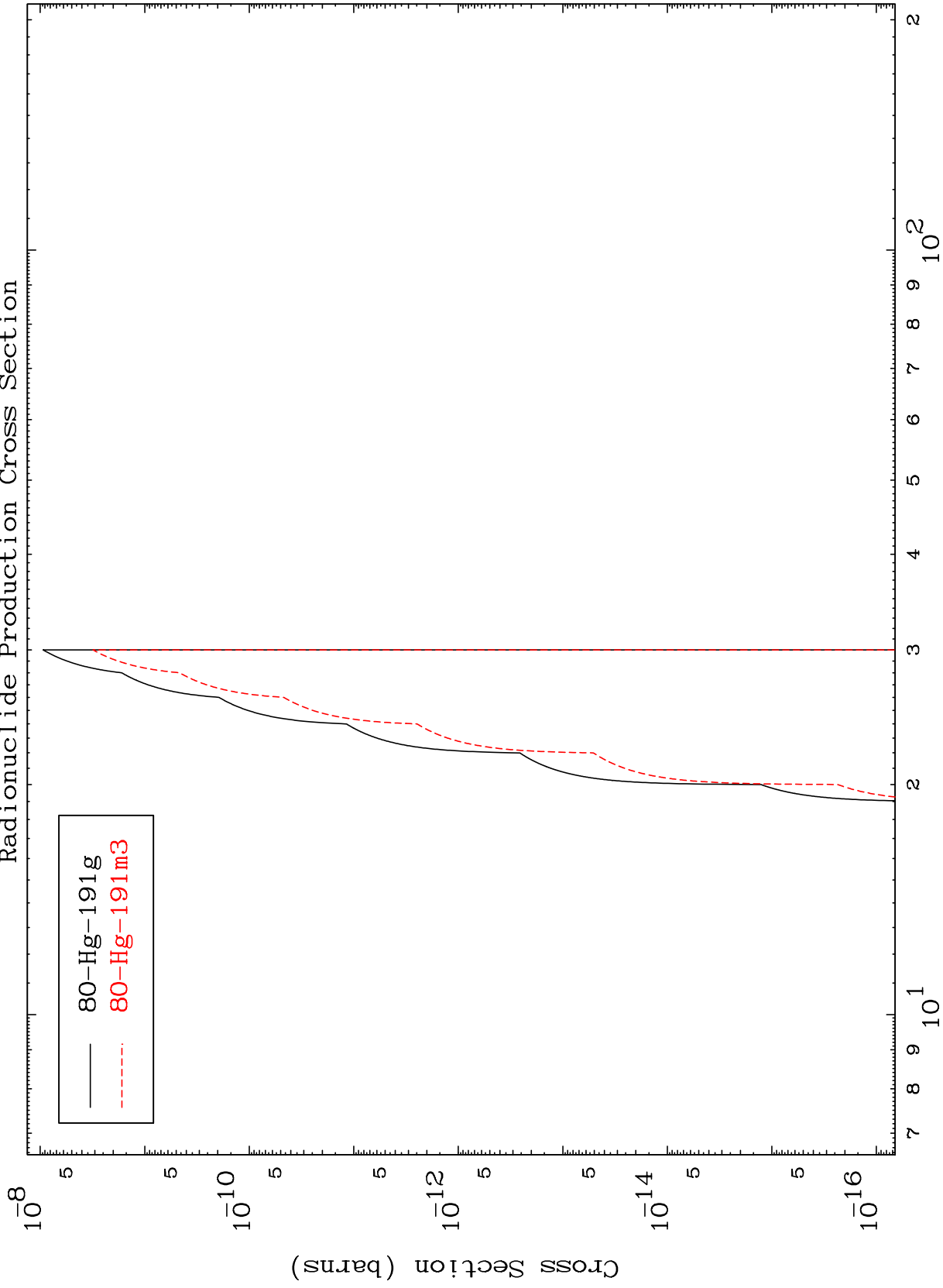
Incident Energy (MeV)

83-Bi-197

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83-Bi-197

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



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

19

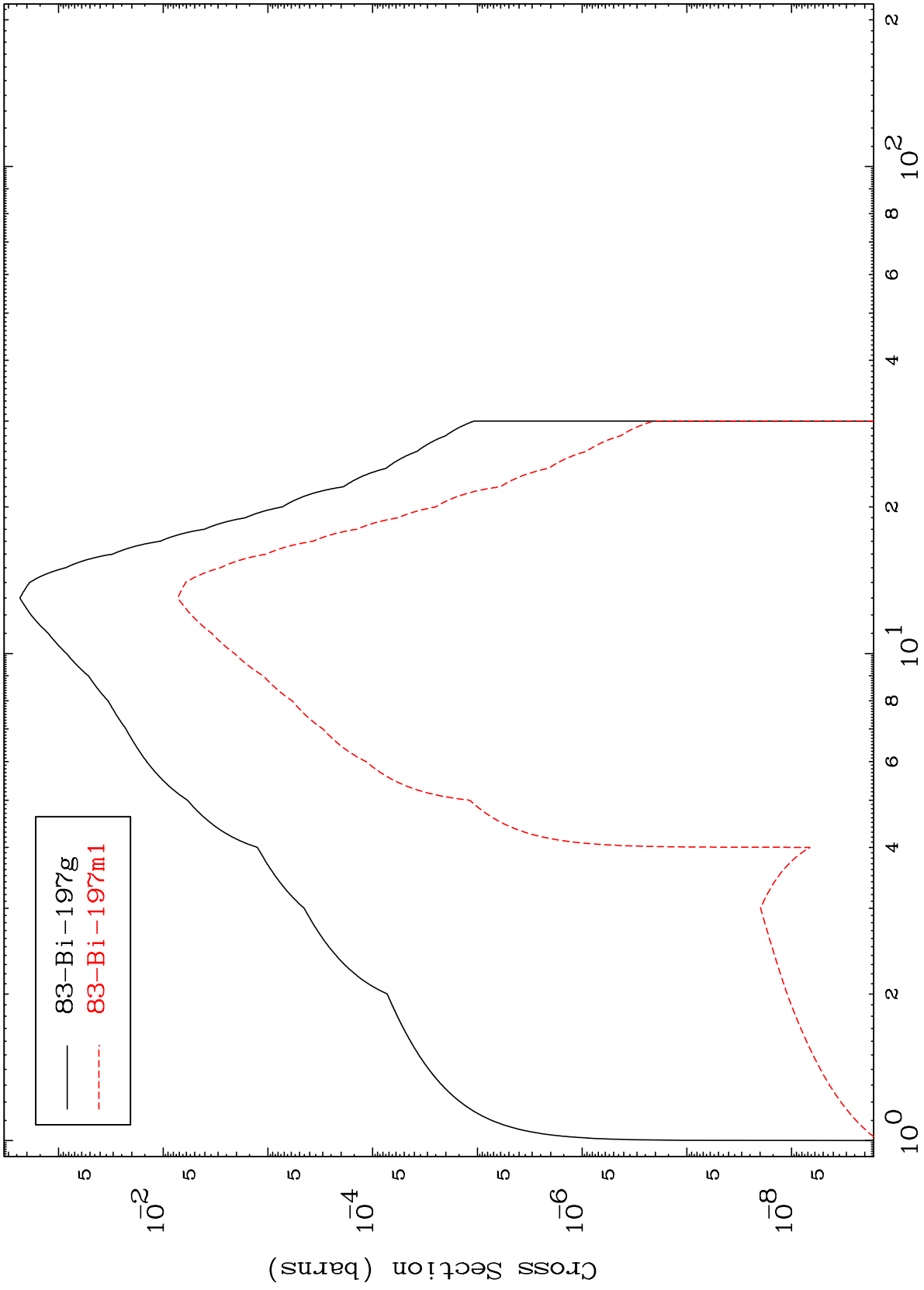
Incident Energy (MeV)

83-Bi-197

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Radionuclide Production Cross Section
(γ, γ)

83-Bi-197



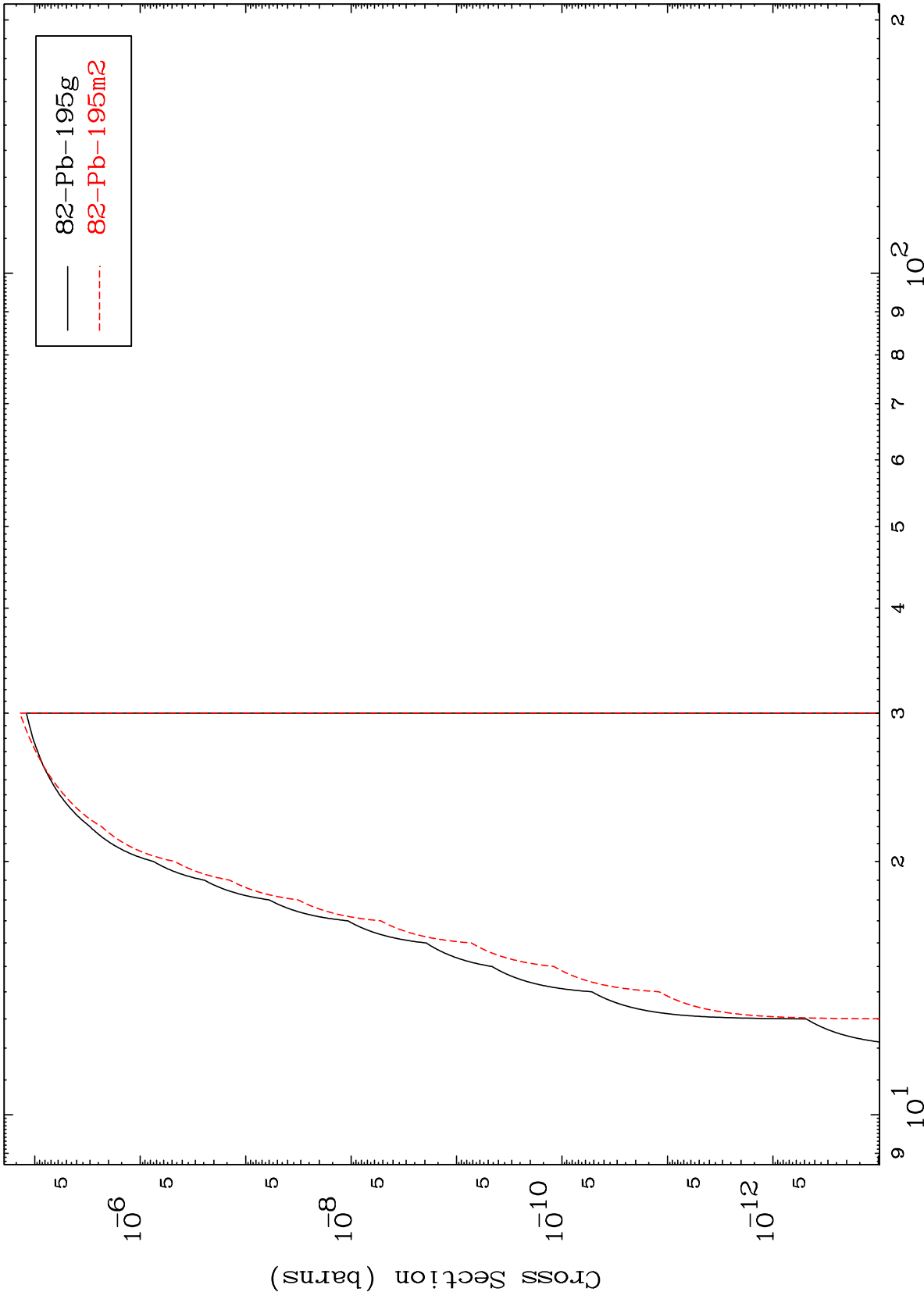
Incident Energy (MeV)

83-Bi-197

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83-Bi-197

(γ, d)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

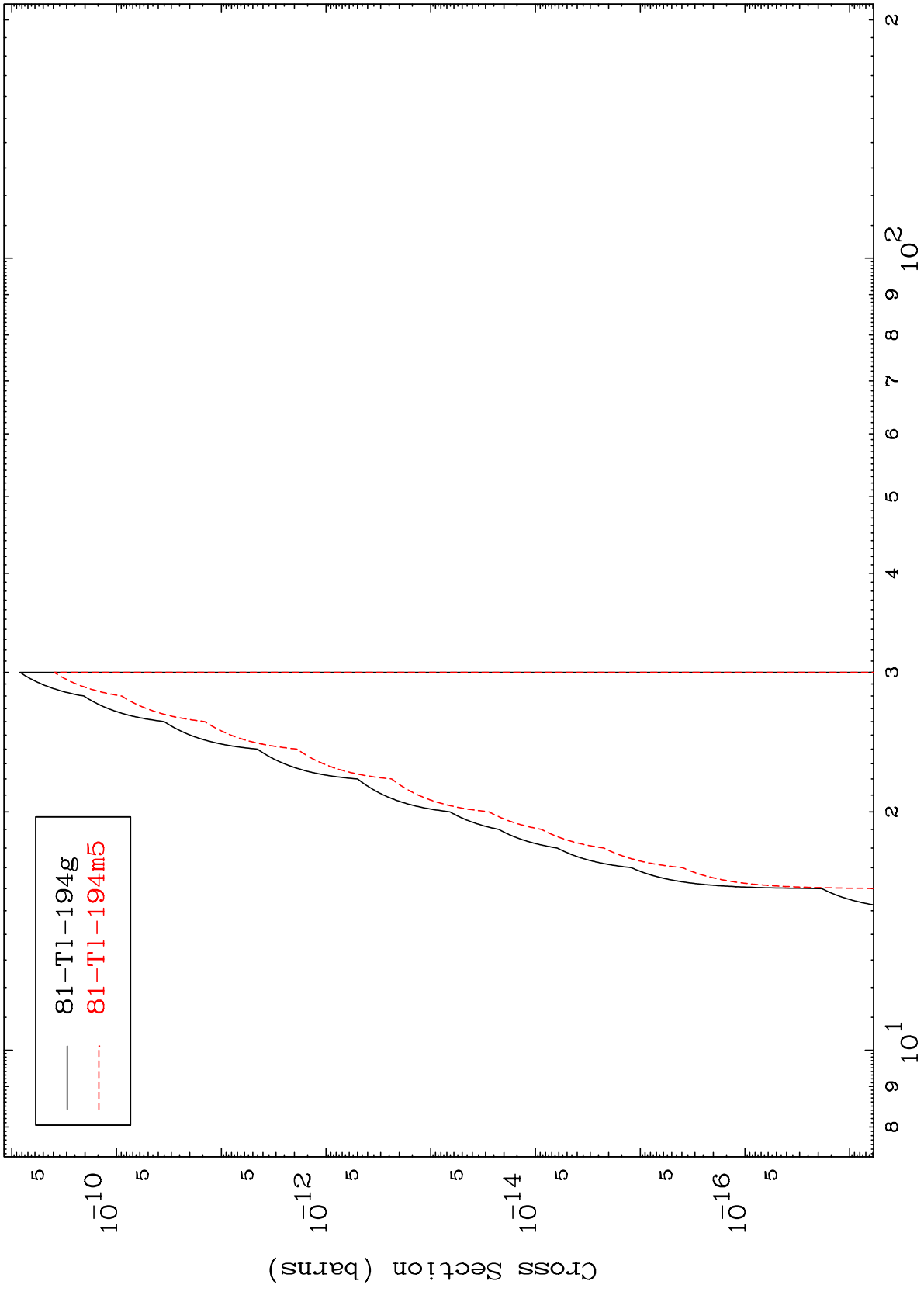
83-Bi-197

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

83-Bi-197

Radionuclide Production Cross Section



22

Incident Energy (MeV)

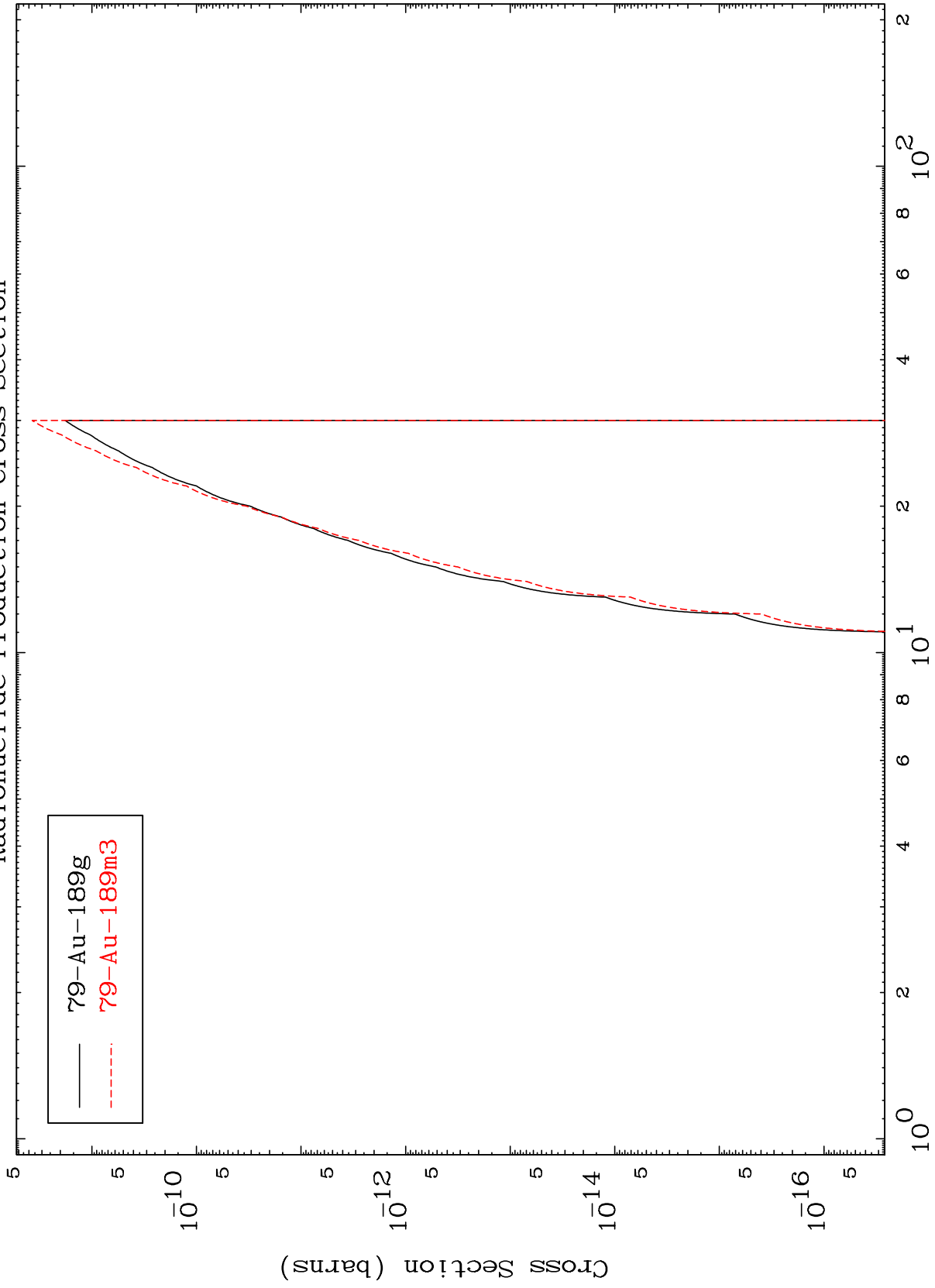
83-Bi-197

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($\gamma, 2\alpha$)

83-Bi-197

Radionuclide Production Cross Section



24

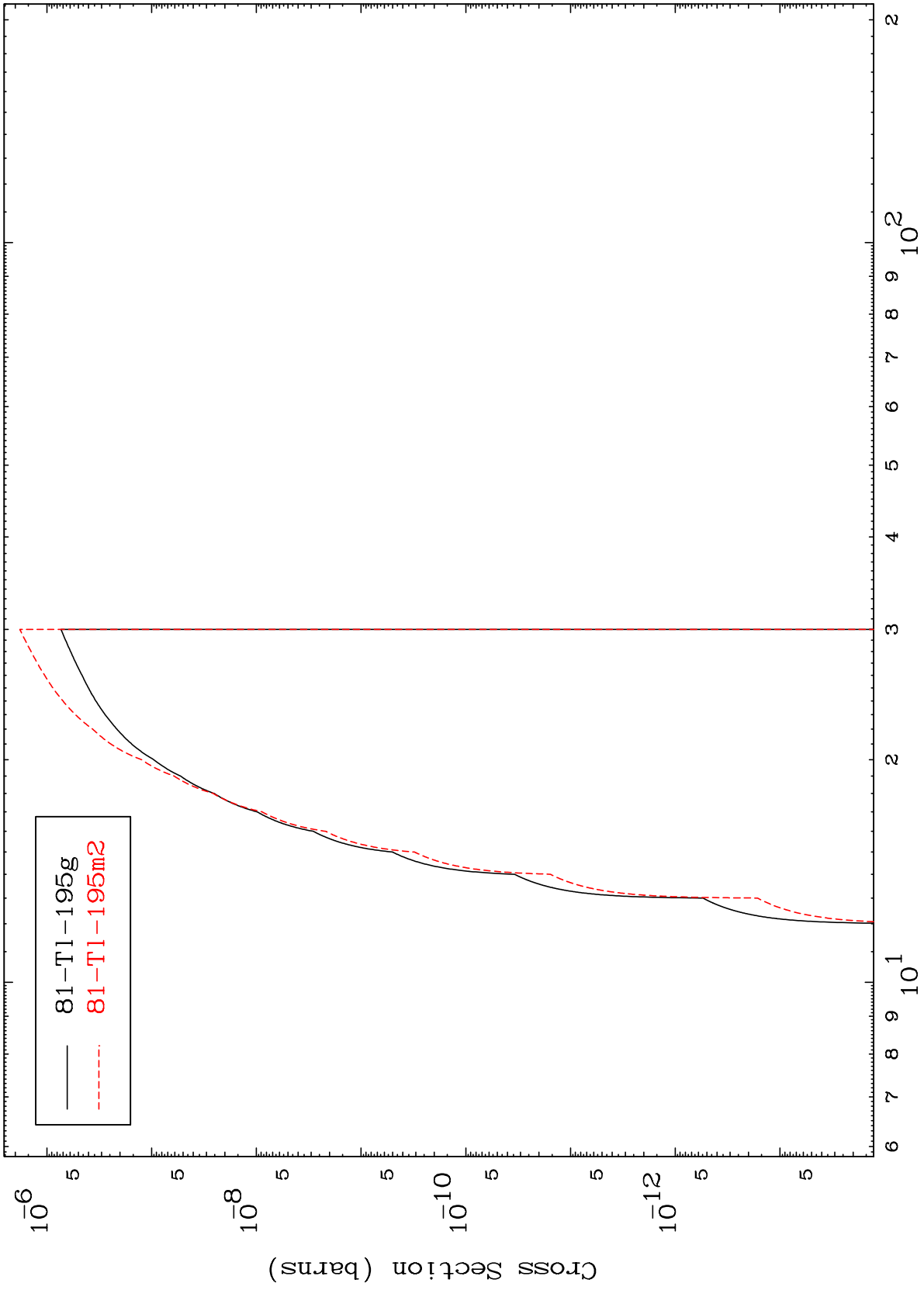
Incident Energy (MeV)

83-Bi-197

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83-Bi-197

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



25

Incident Energy (MeV)

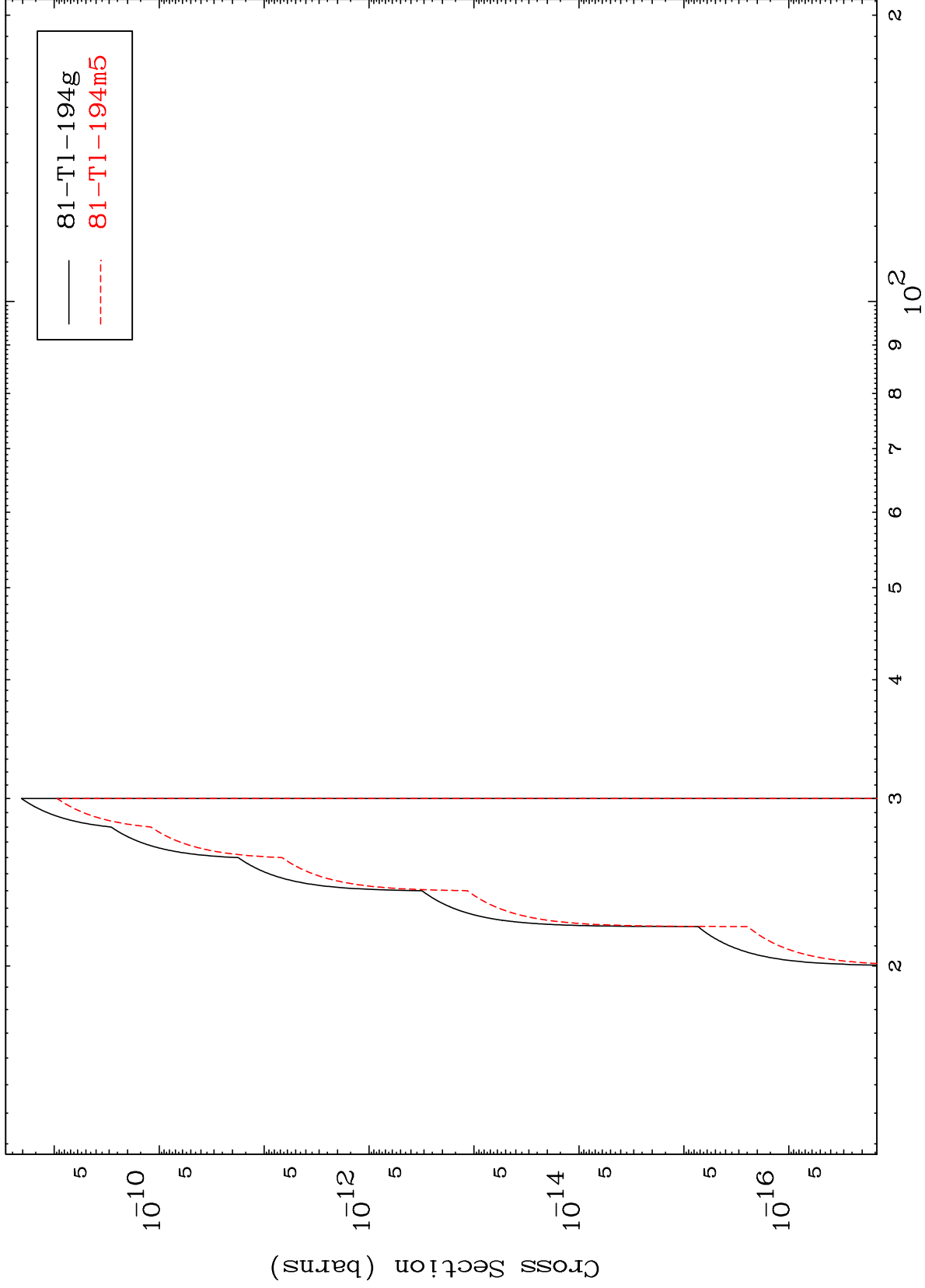
83-Bi-197

MAT 8289

(γ, p) d

83-Bi-197

Radionuclide Production Cross Section



26

Incident Energy (MeV)

83-Bi-197