

Program EVALPLOT
(Version 2018-1)

by

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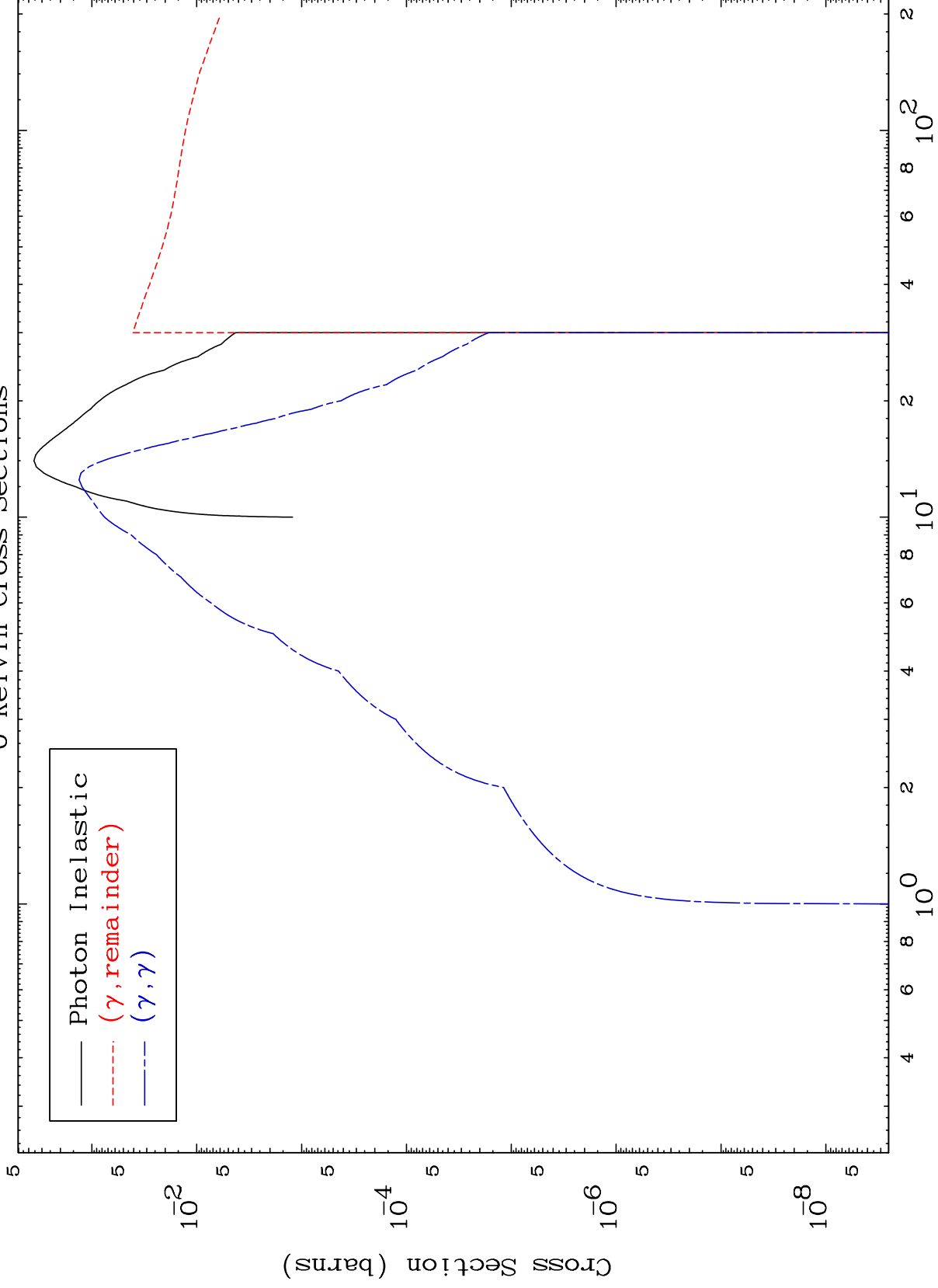
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8289

Photon Major
0 Kelvin Cross Sections

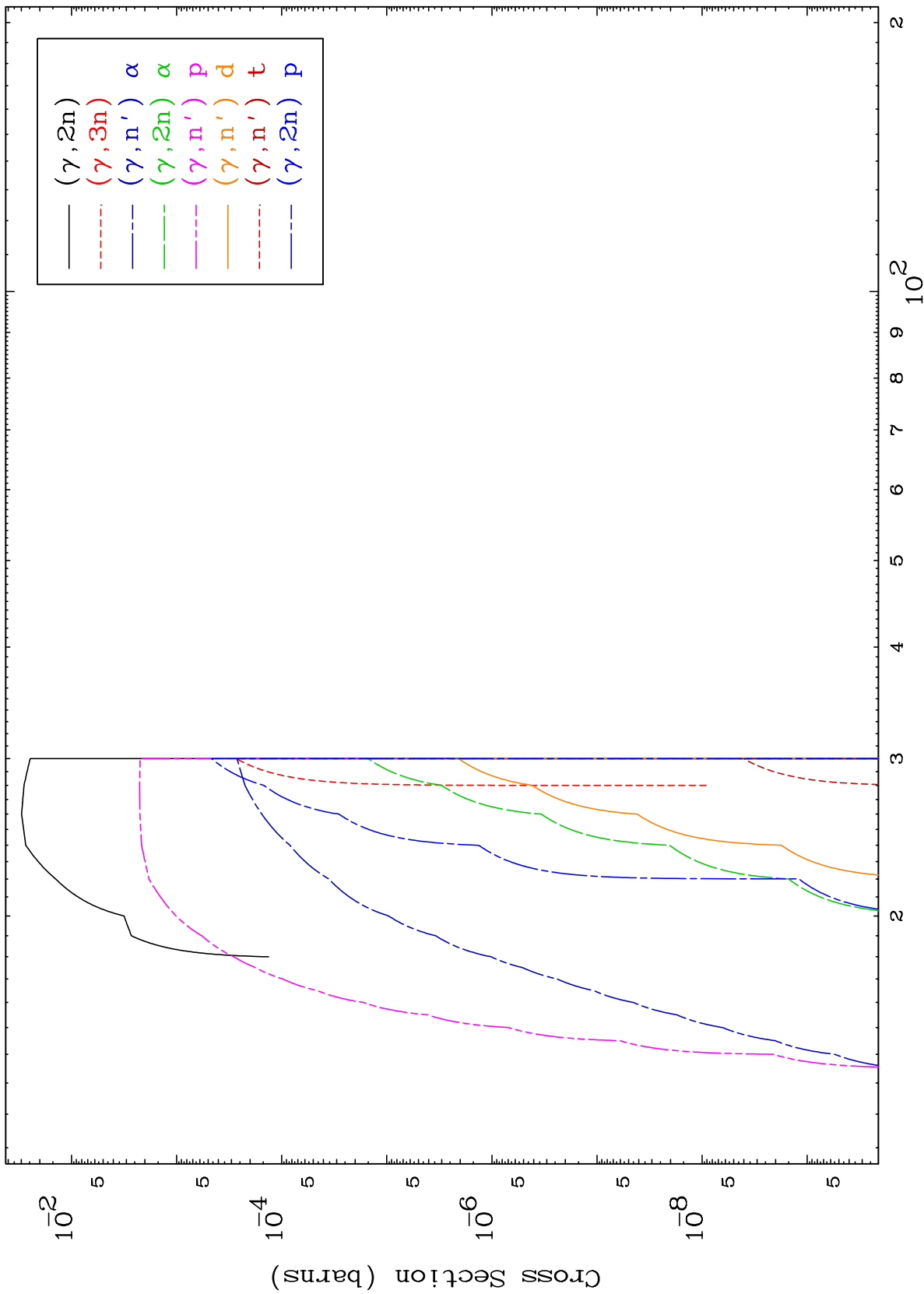
83-Bi-197

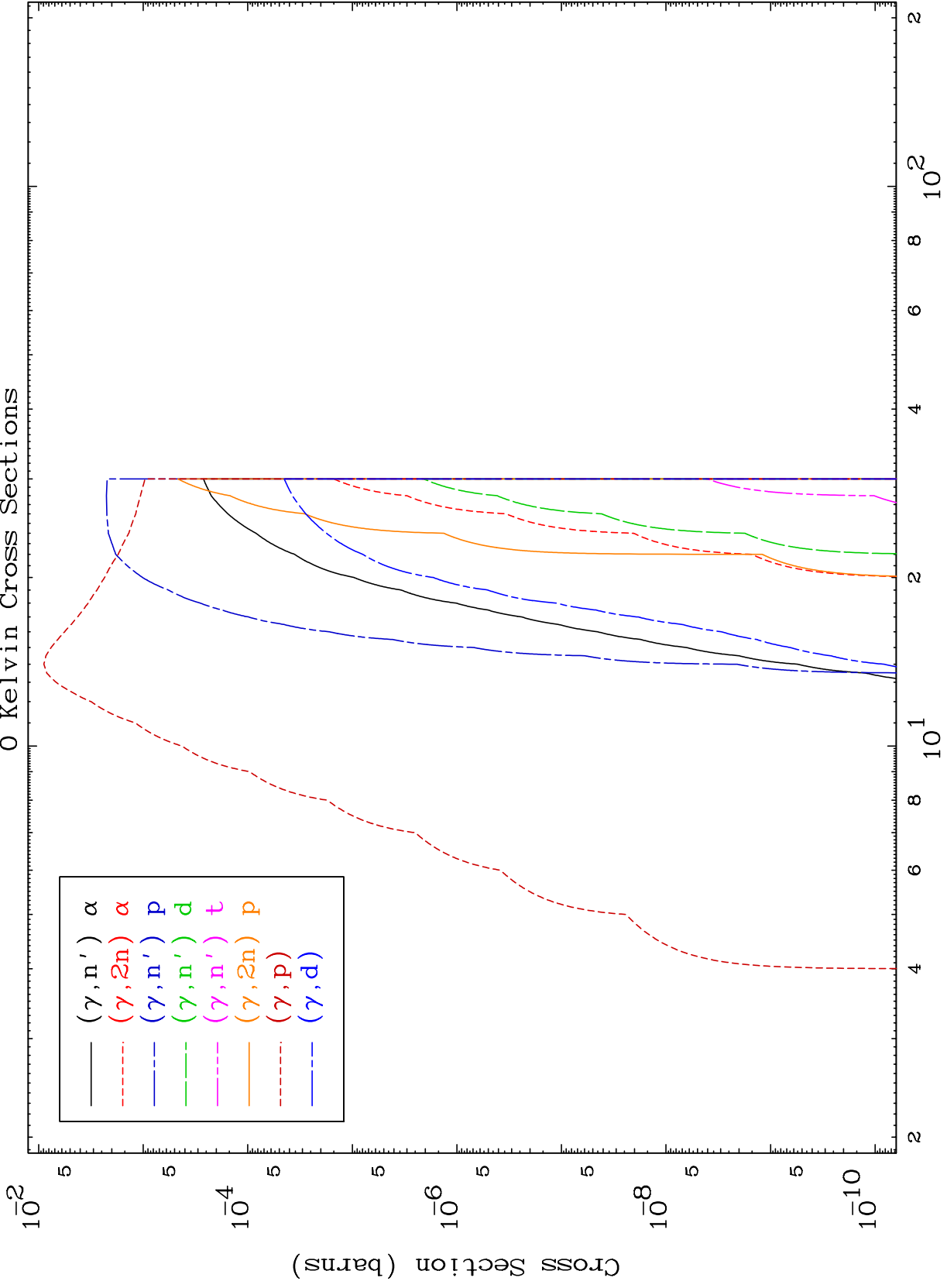


83-Bi-197

Incident Energy (MeV)

1

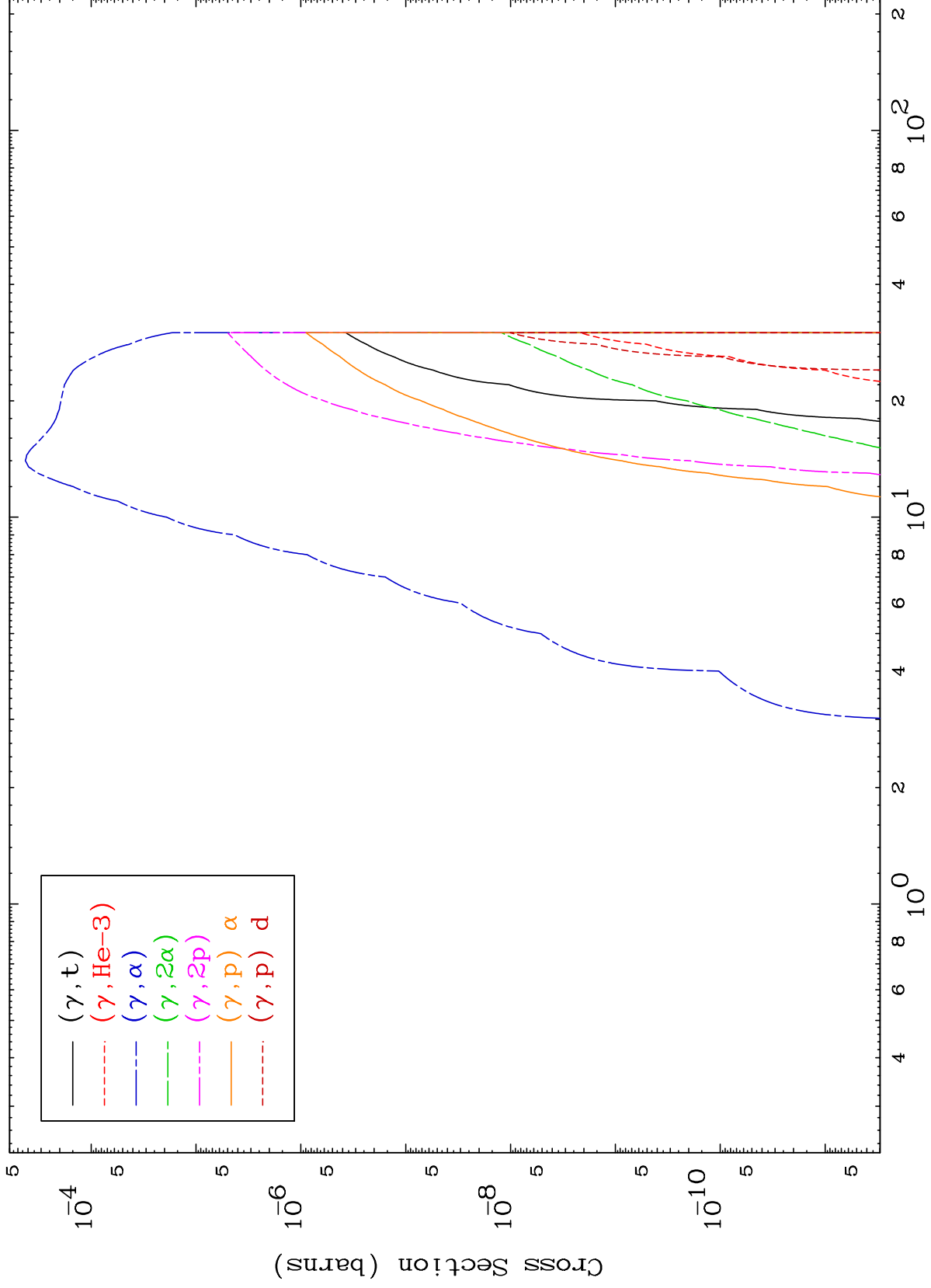




MAT 8289

Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-197



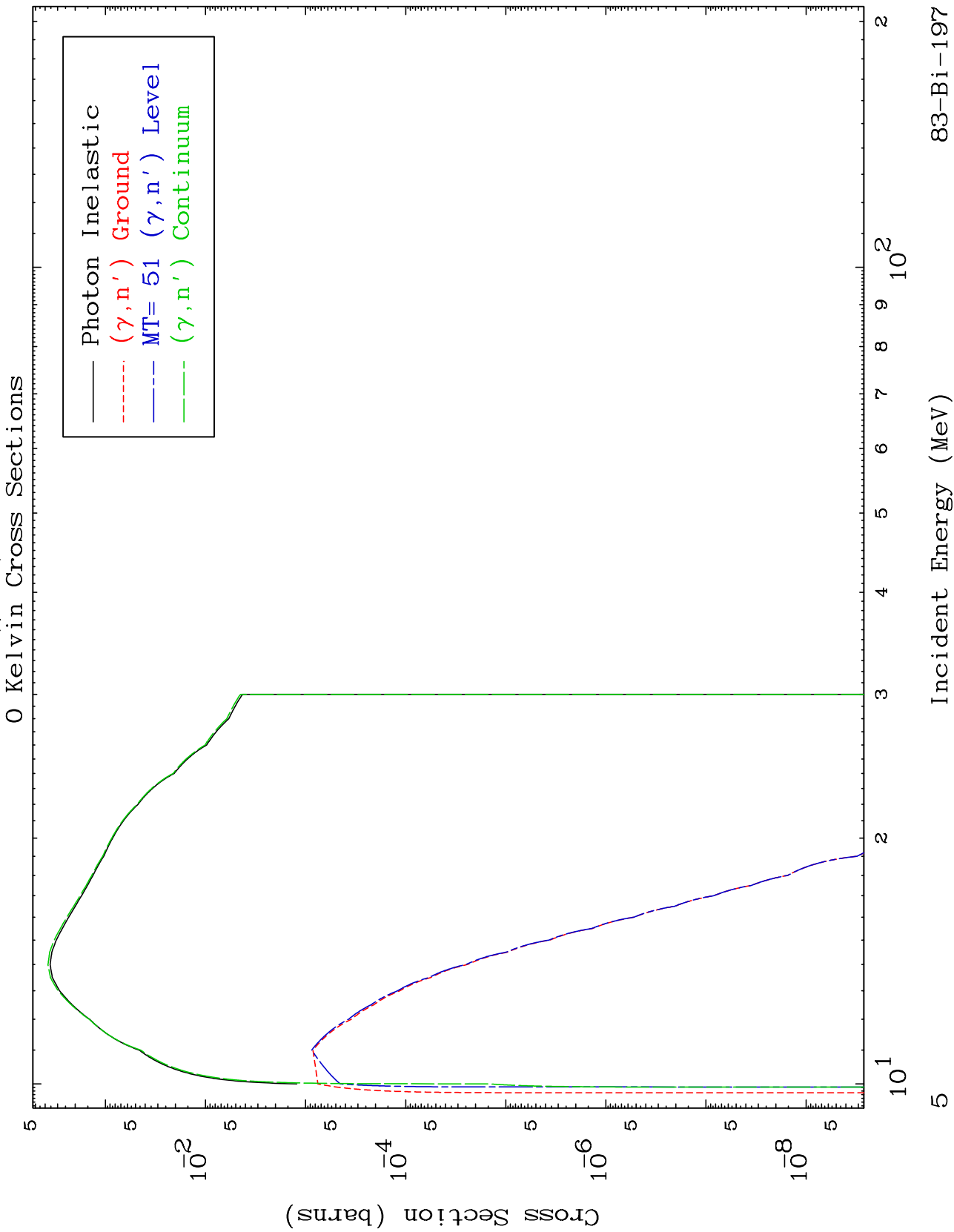
83-Bi-197

Incident Energy (MeV)

MAT 8289

(γ, n') Level

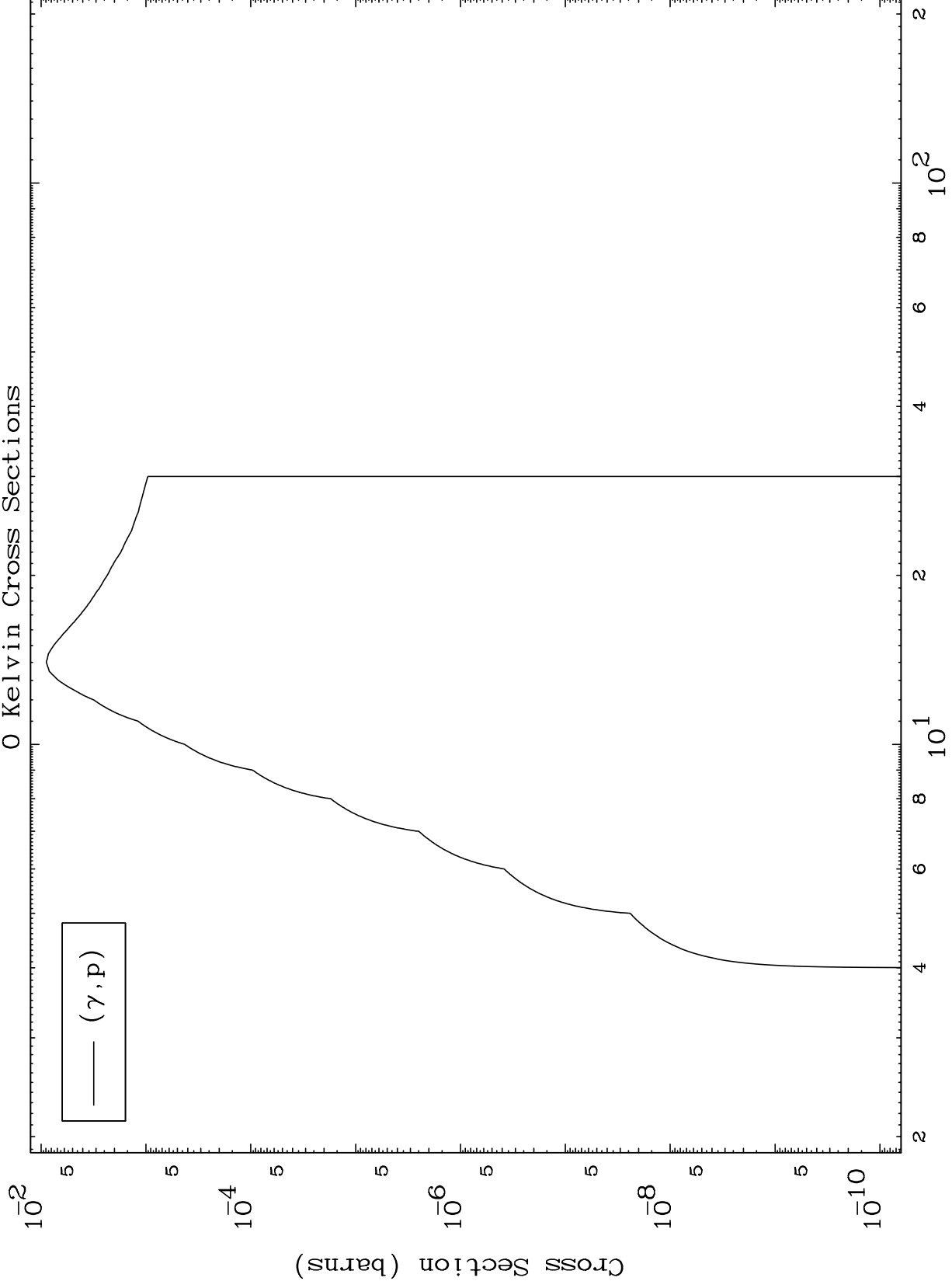
83-Bi-197



MAT 8289

(γ, p) Levels
0 Kelvin Cross Sections

83-Bi-197



6

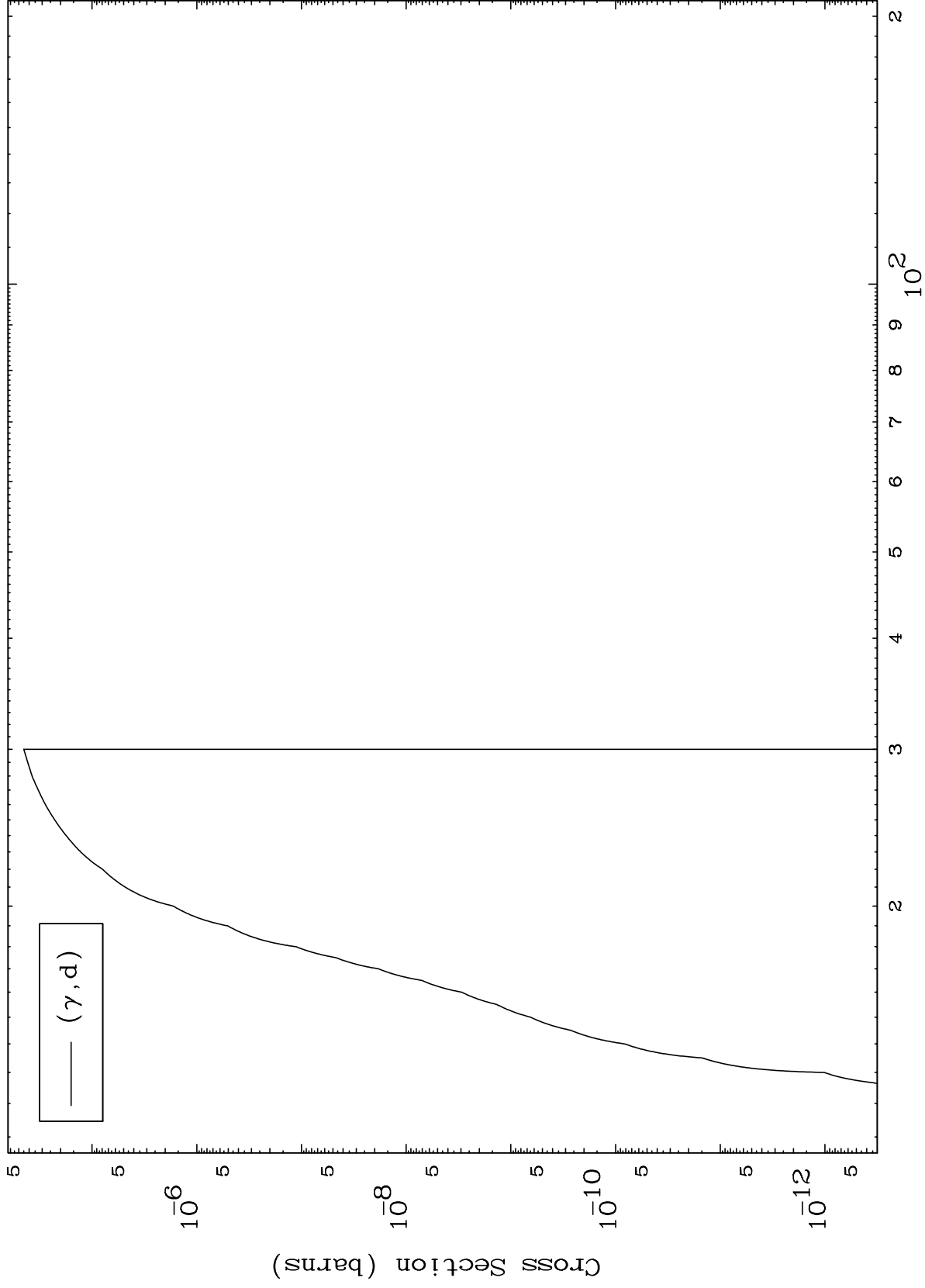
Incident Energy (MeV)

83-Bi-197

MAT 8289

(γ, d) Levels
0 Kelvin Cross Sections

83-Bi-197



7

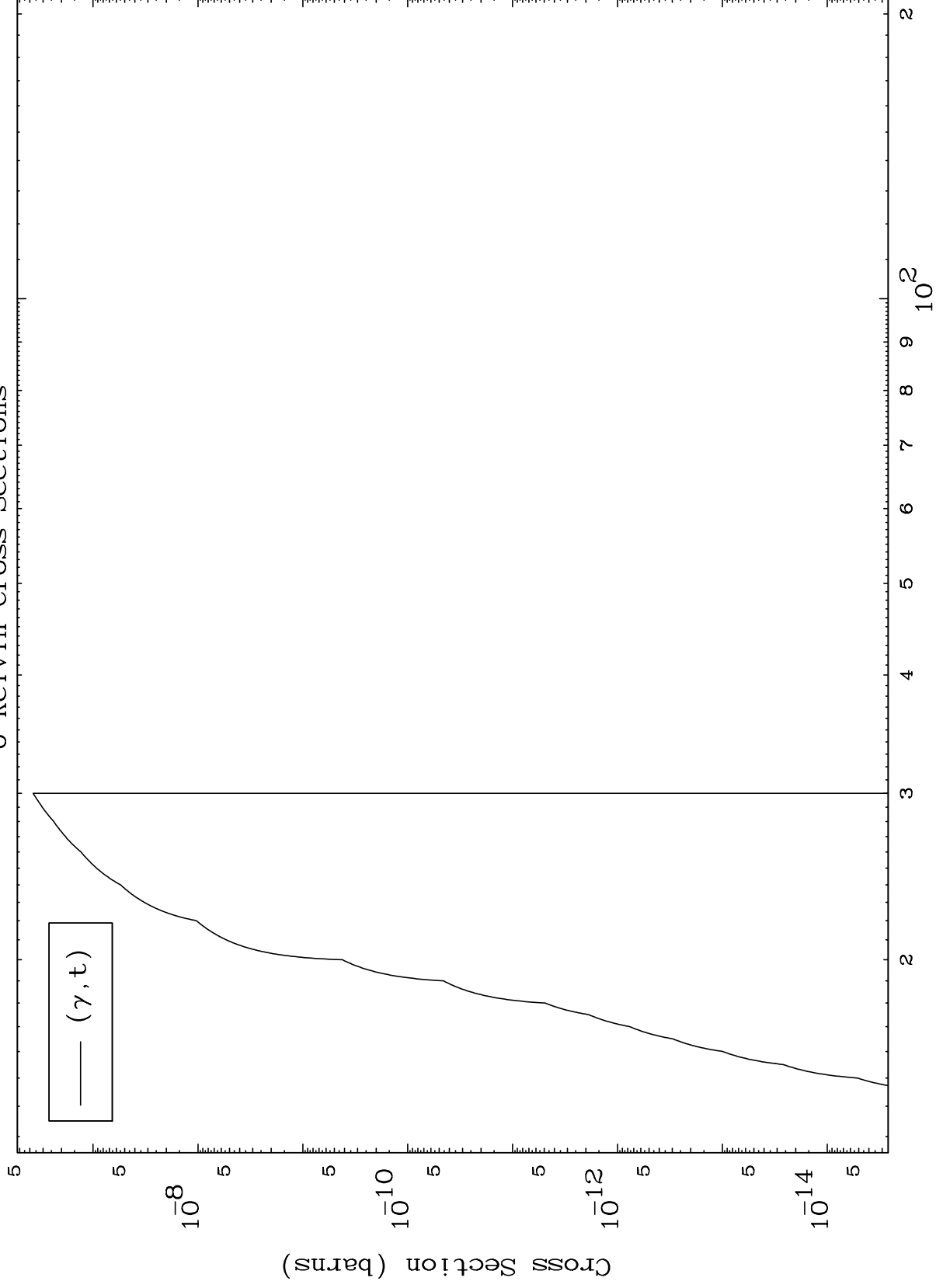
Incident Energy (MeV)

83-Bi-197

MAT 8289

(γ, t) Levels
0 Kelvin Cross Sections

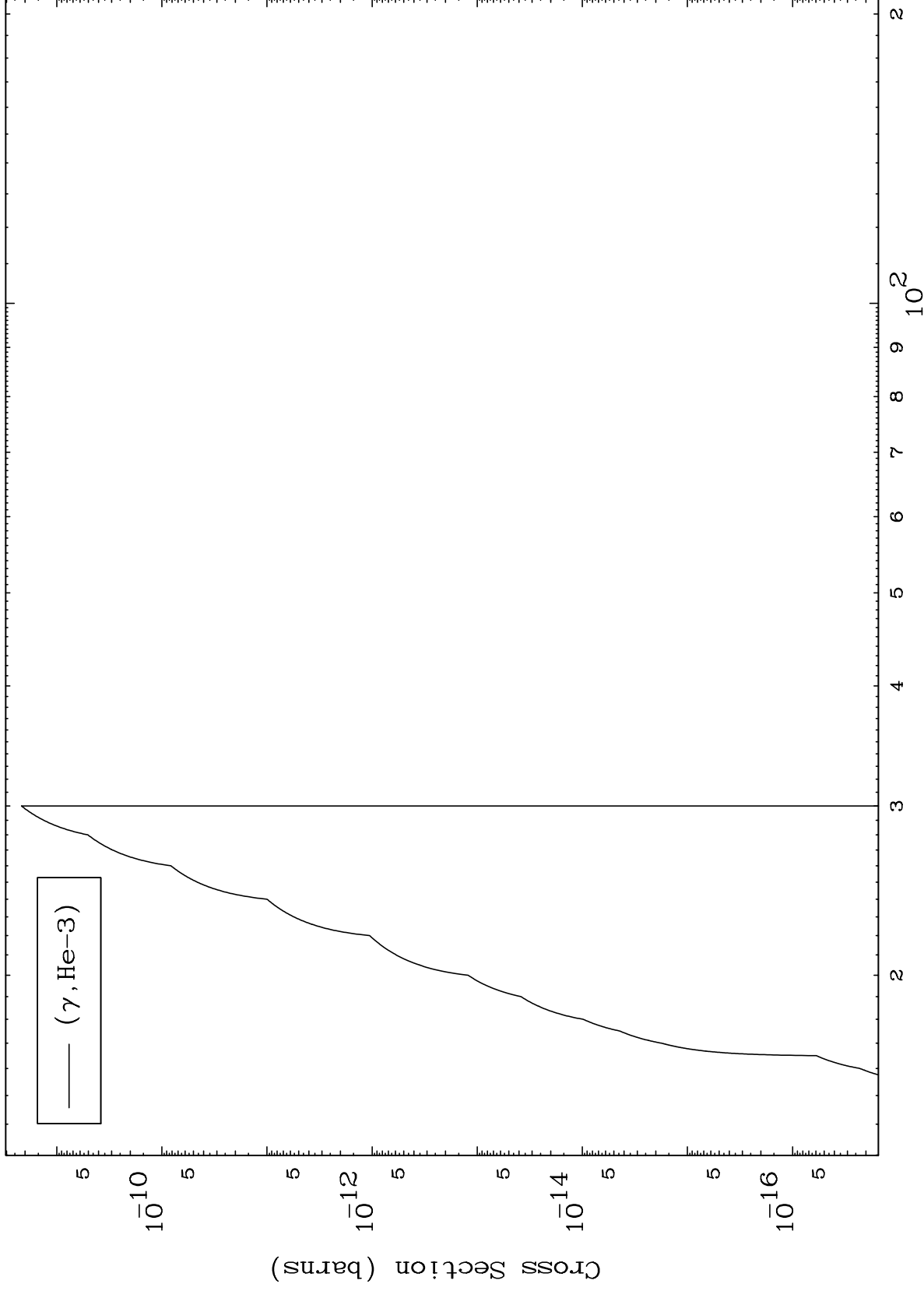
83-Bi-197



8

Incident Energy (MeV)

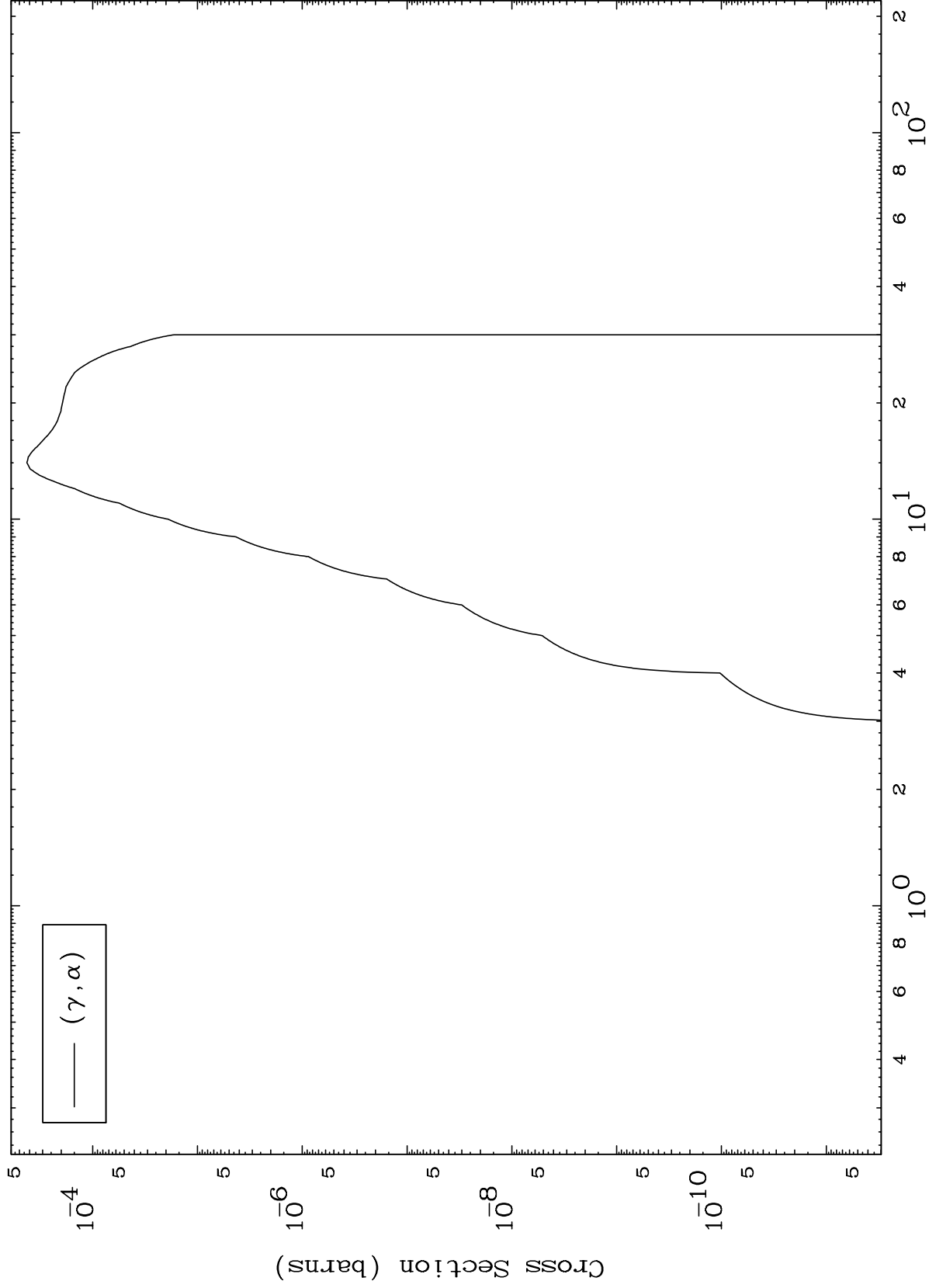
83-Bi-197



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83-Bi-197

(γ, α) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

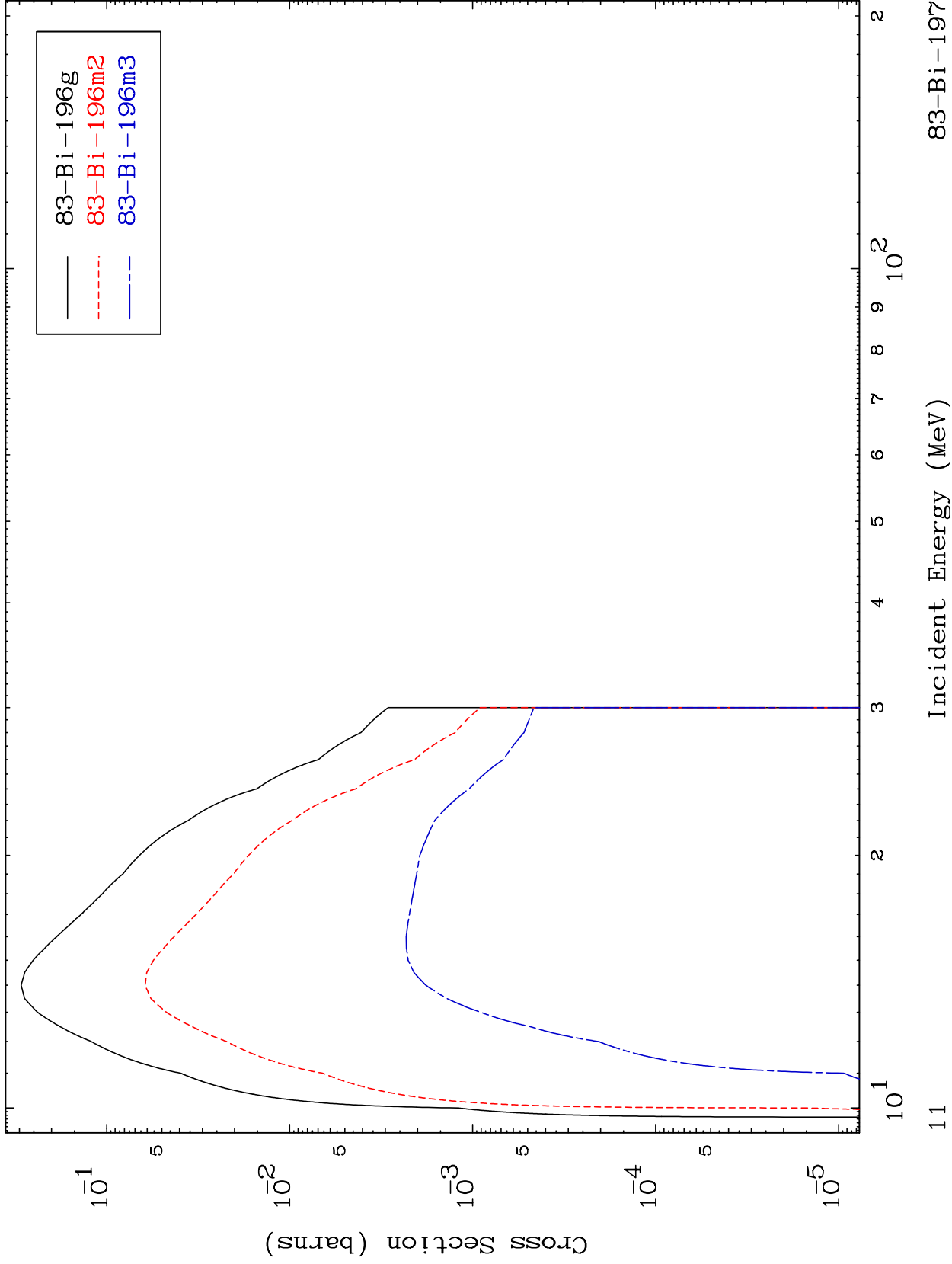
83-Bi-197

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Photon Inelastic

83-Bi-197

Radionuclide Production Cross Section



83-Bi-197

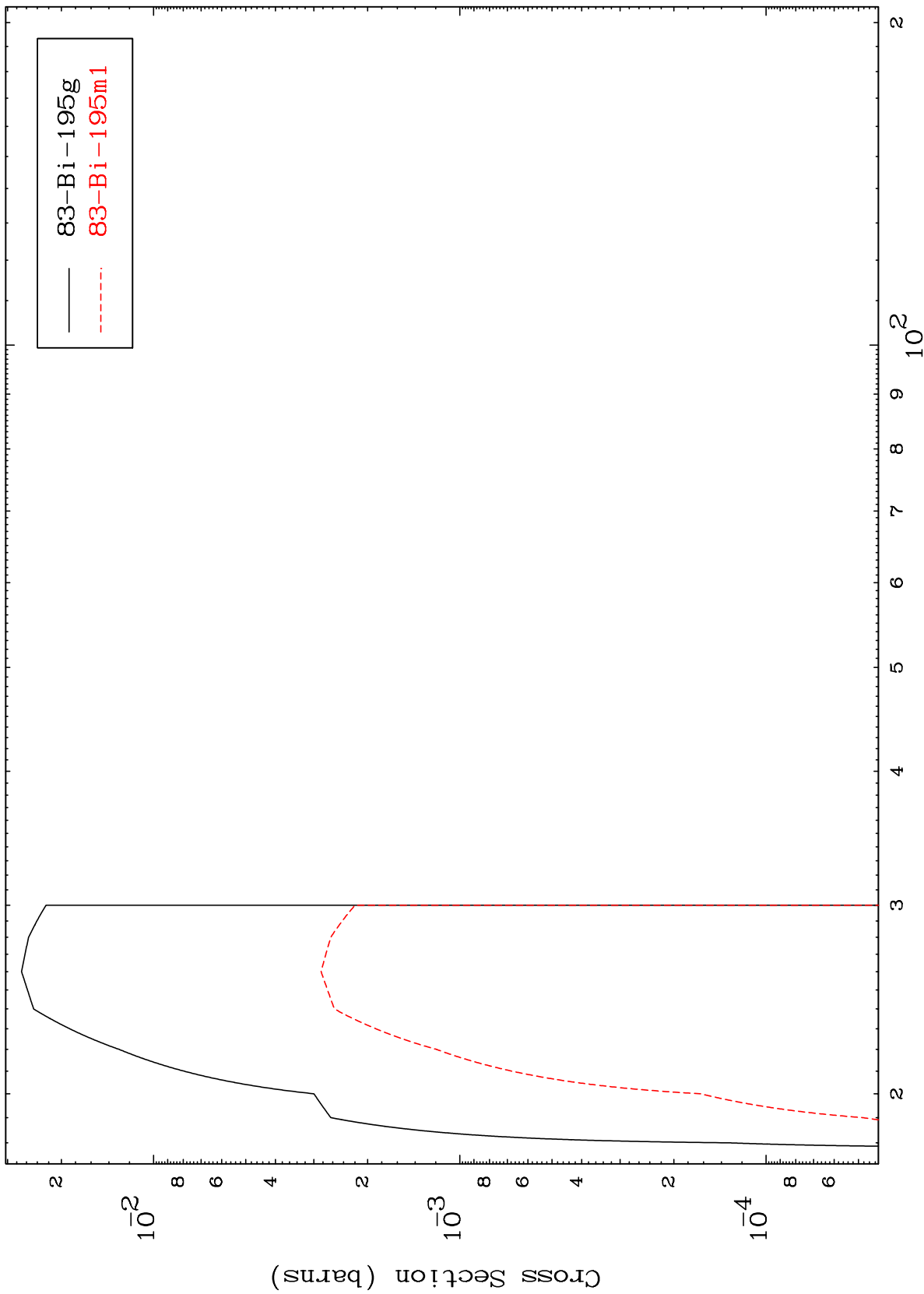
Incident Energy (MeV)

11

MAT 8289

83-Bi-197

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



12

Incident Energy (MeV)

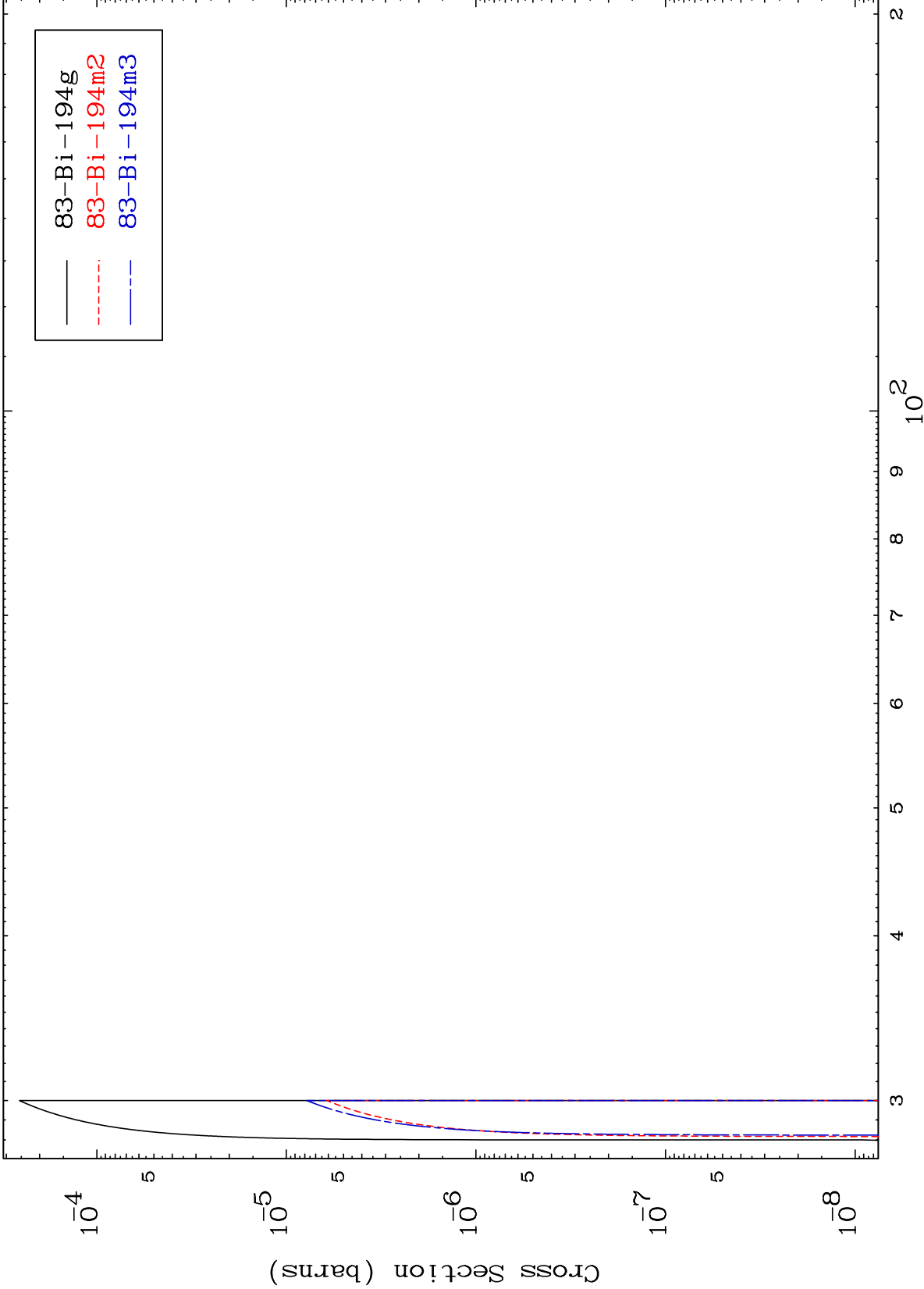
83-Bi-197

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($\gamma, 3n$)

83-Bi-197

Radionuclide Production Cross Section



13

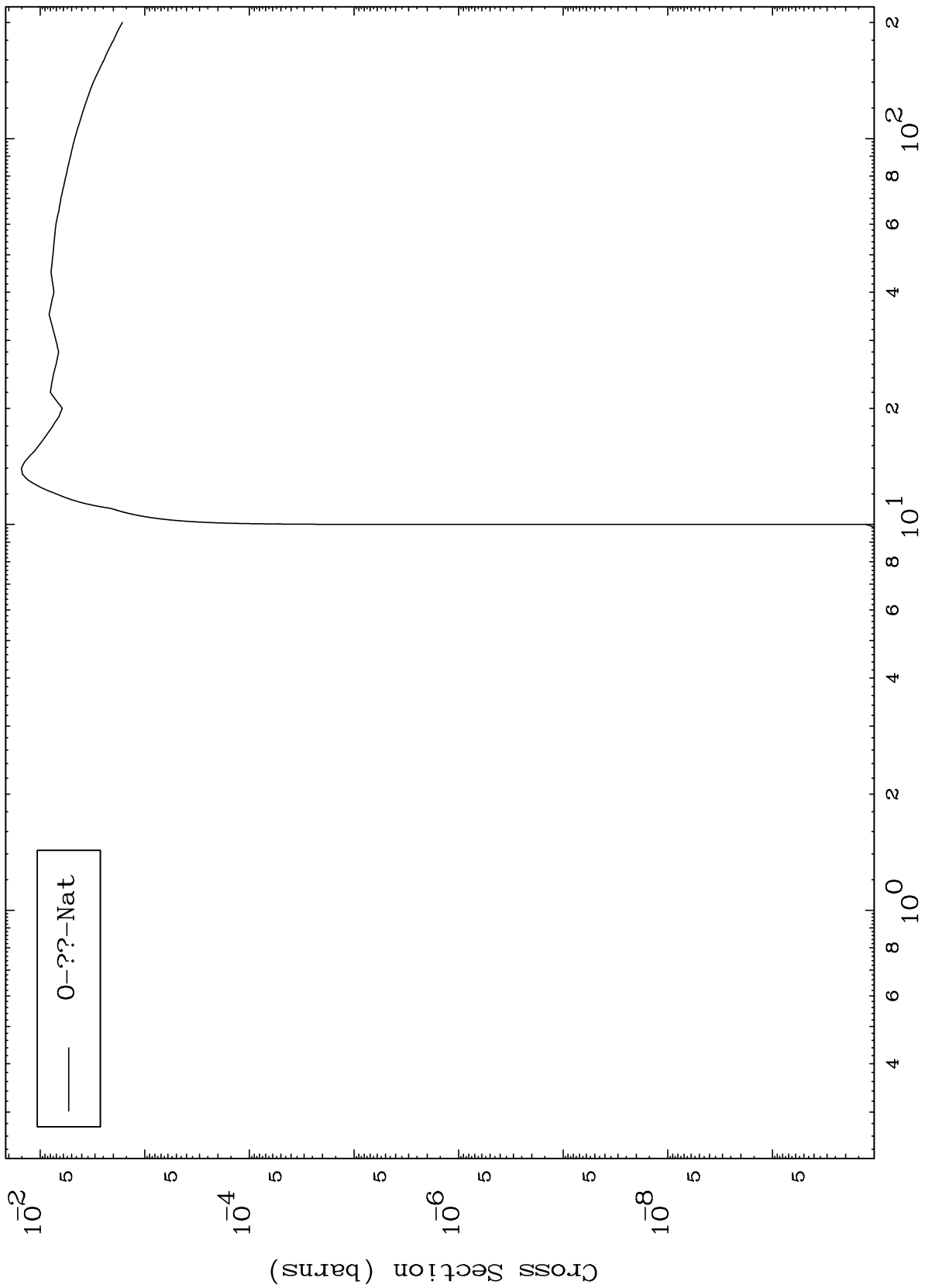
Incident Energy (MeV)

83-Bi-197

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83-Bi-197

Photon Fission
Radionuclide Production Cross Section



14

Incident Energy (MeV)

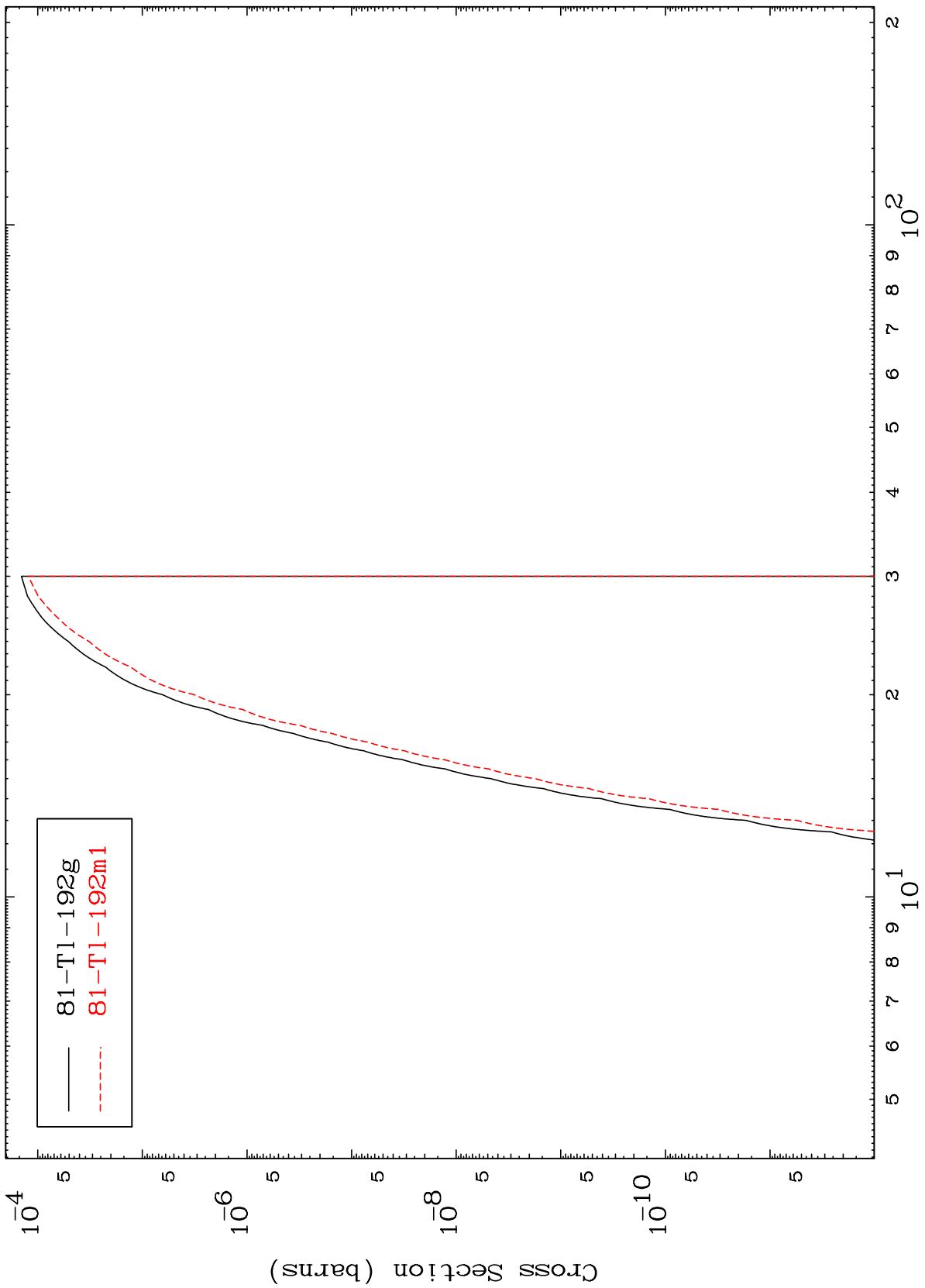
83-Bi-197

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(γ, n') α

83-Bi-197

Radionuclide Production Cross Section



81-Tl-192g
81-Tl-192m1

15

Incident Energy (MeV)

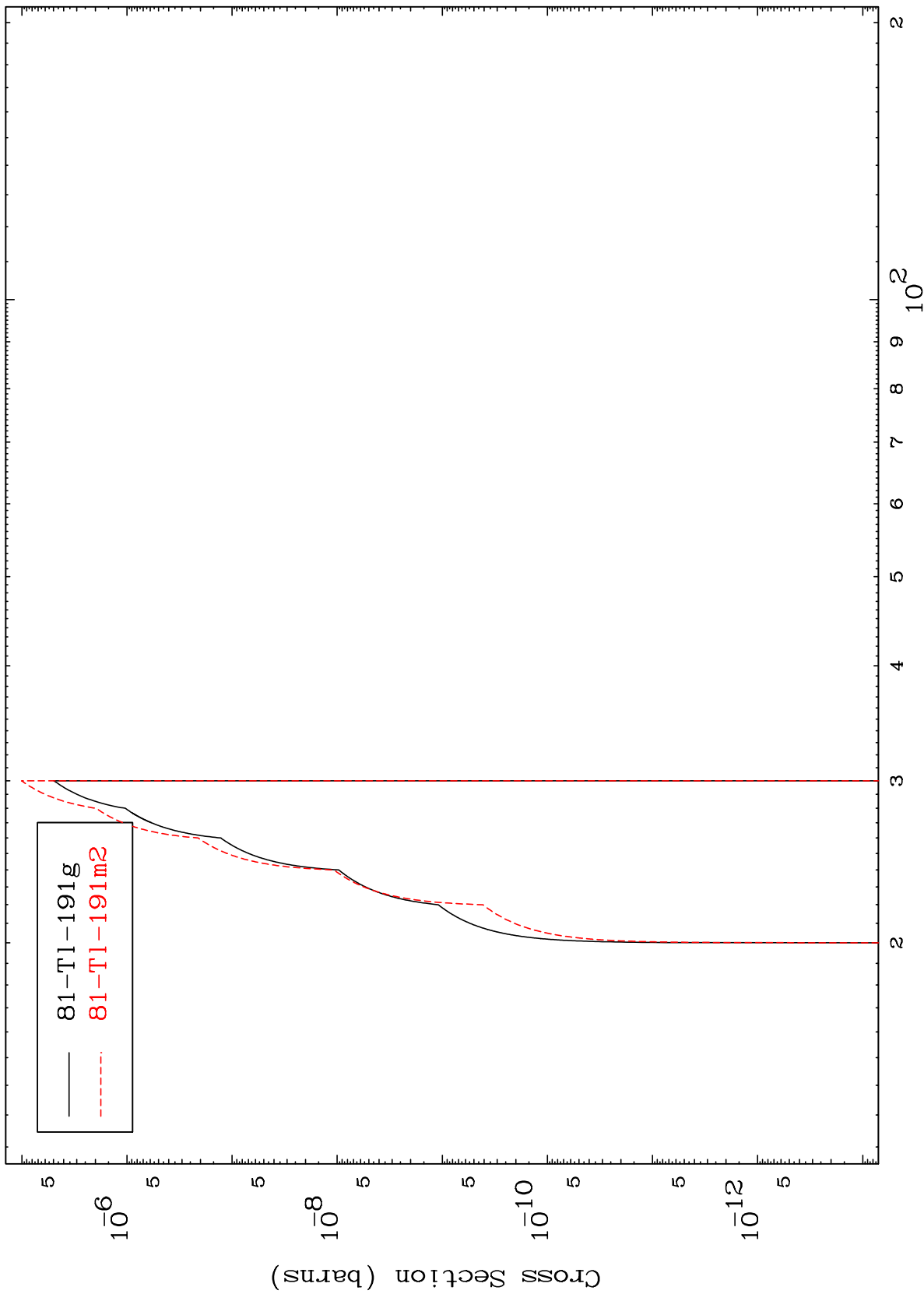
83-Bi-197

MAT 8289

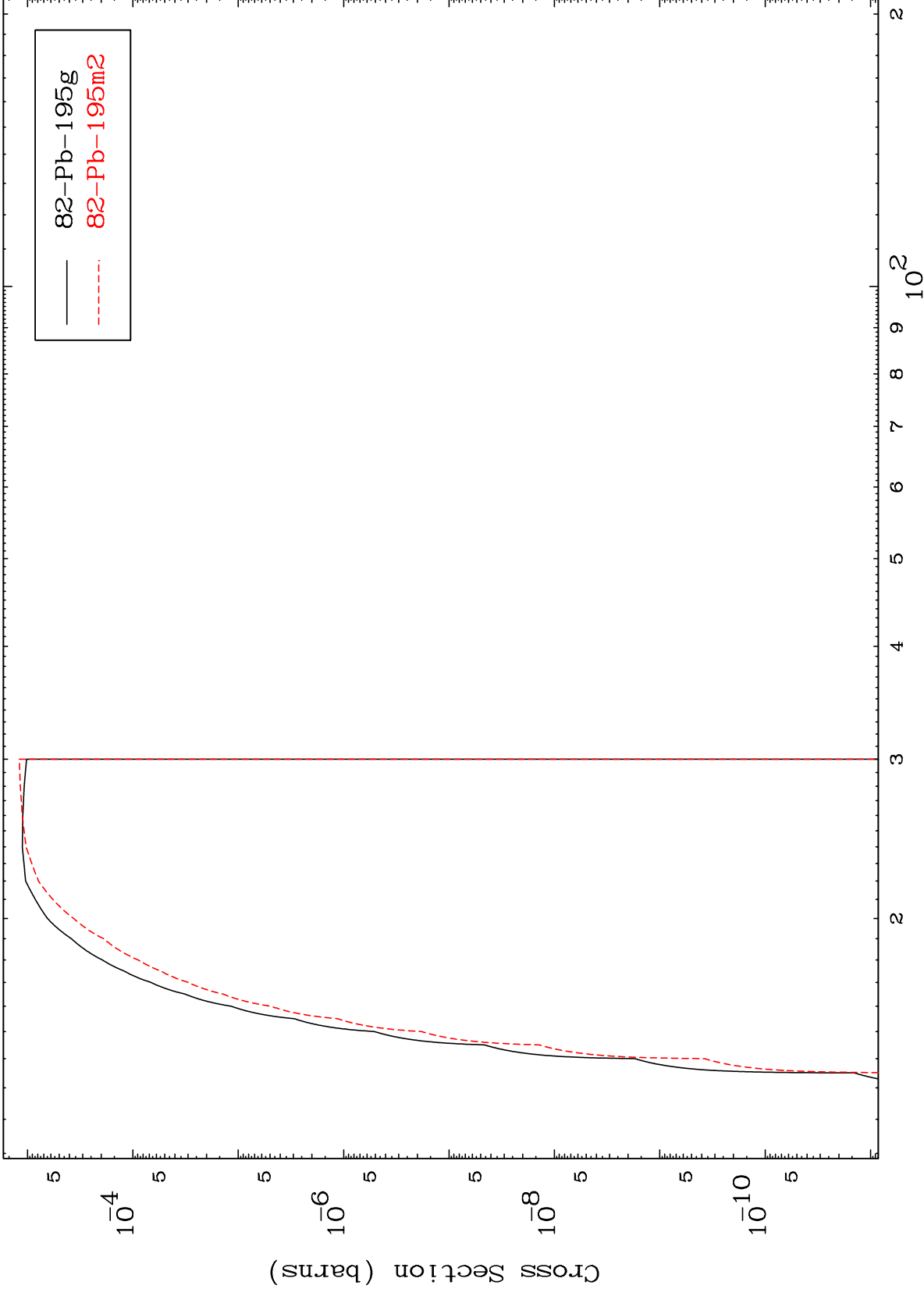
($\gamma, 2n$) α

83-Bi-197

Radionuclide Production Cross Section



Radionuclide Production Cross Section

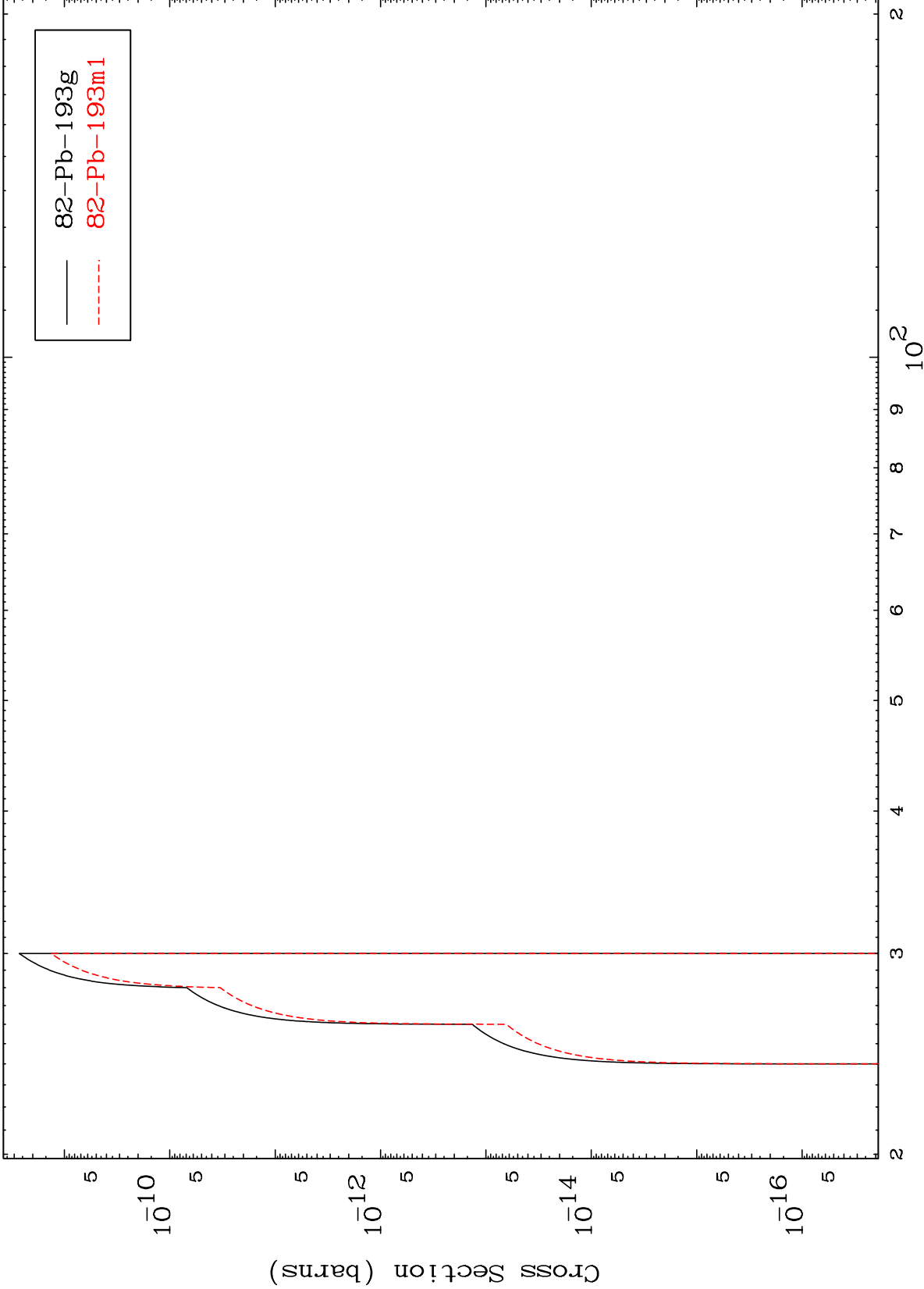


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(γ, n') t

83-Bi-197

Radionuclide Production Cross Section



18

Incident Energy (MeV)

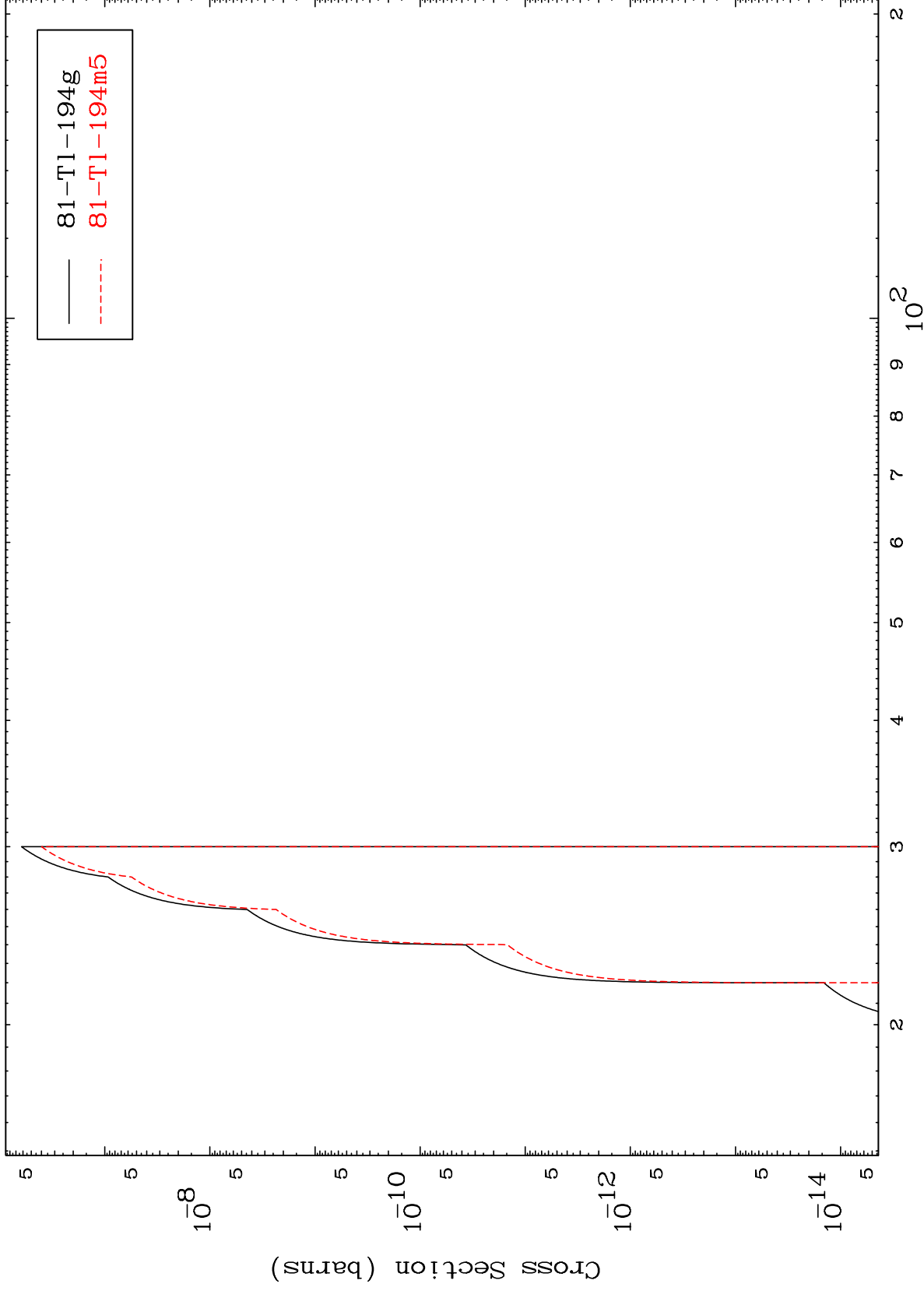
83-Bi-197

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$(\gamma, 2n)$ p

83-Bi-197

Radionuclide Production Cross Section

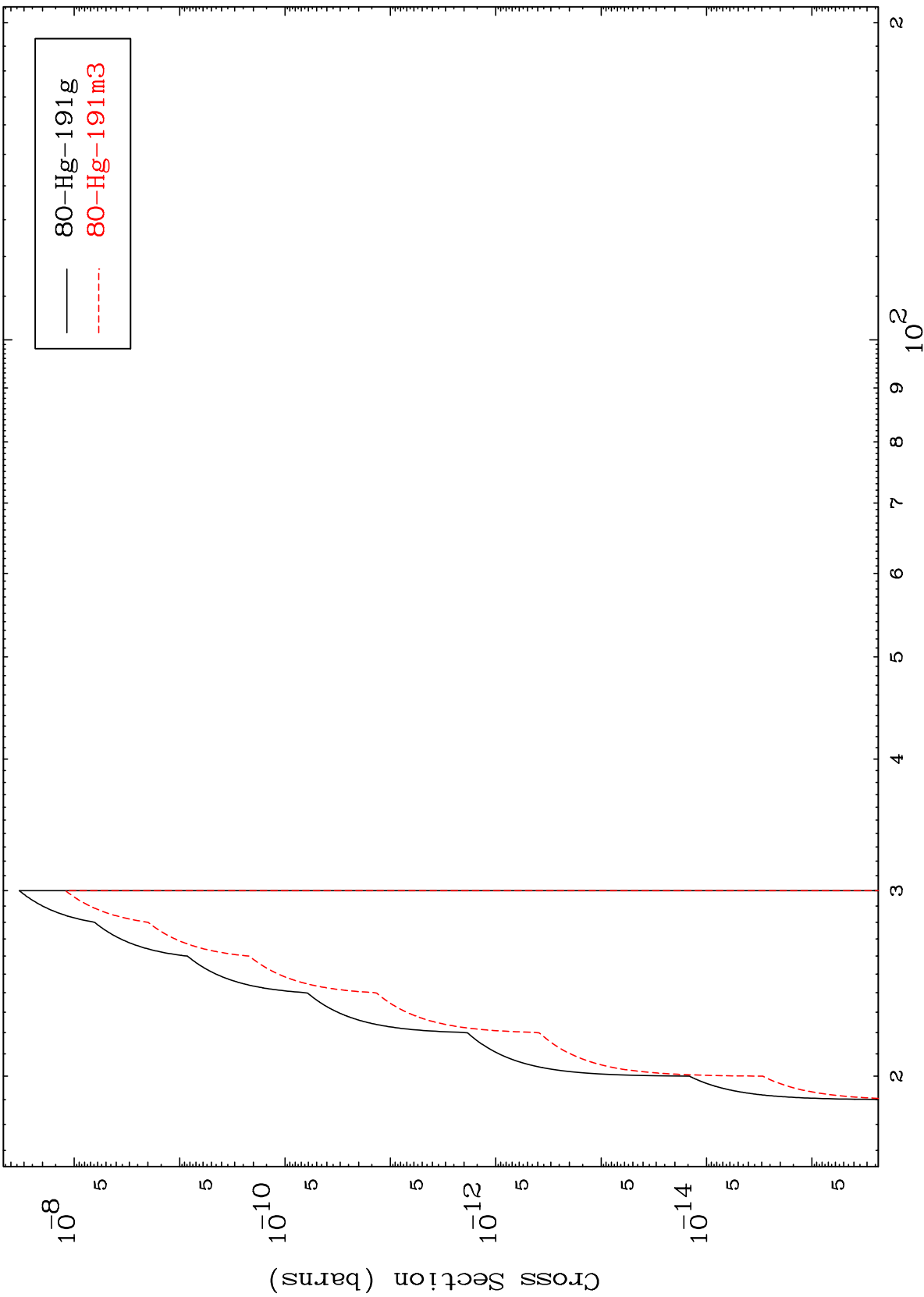


19

Incident Energy (MeV)

83-Bi-197

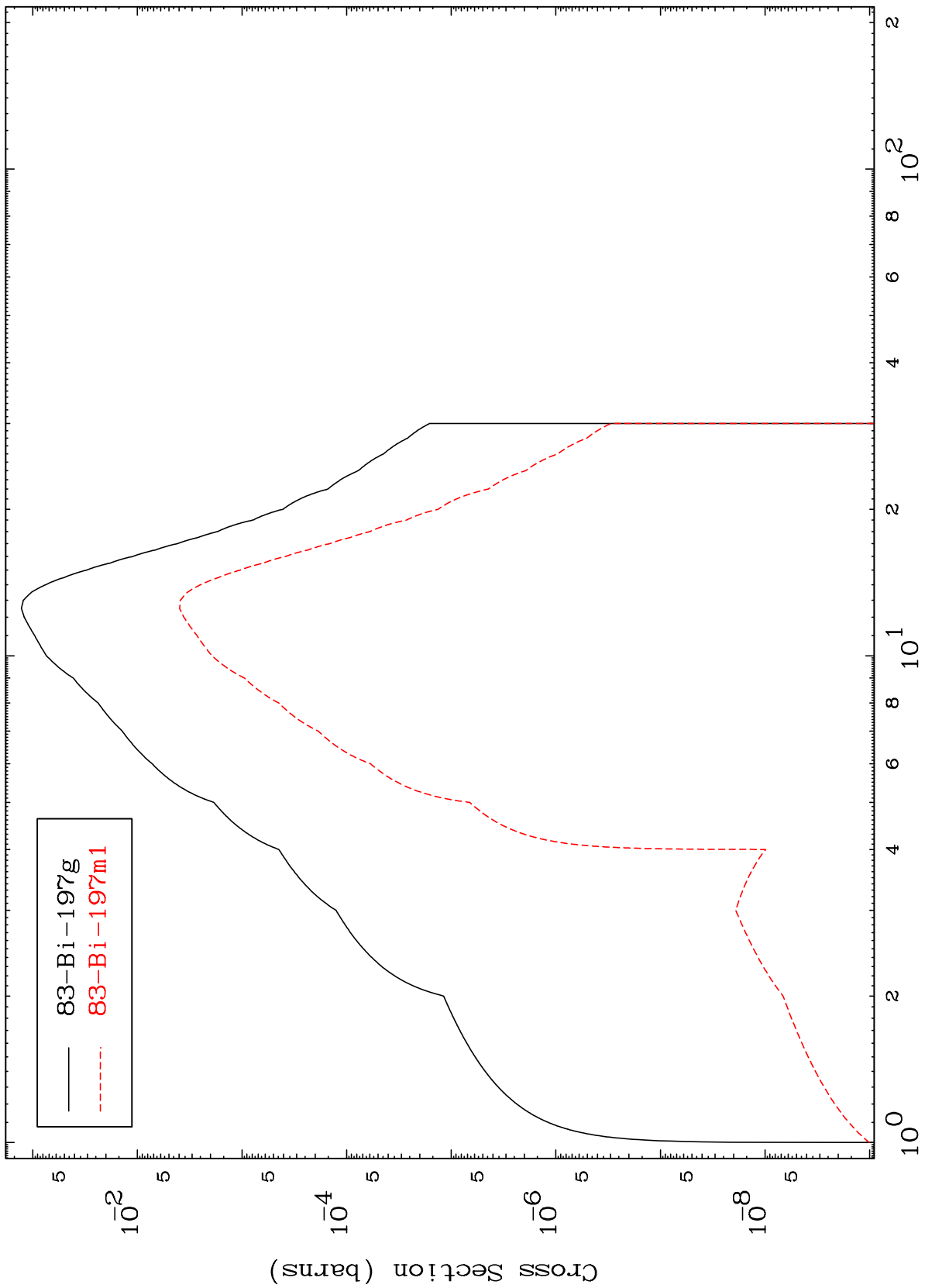
Radionuclide Production Cross Section



MAT 8289

83-Bi-197

Radionuclide Production Cross Section
(γ, γ)



83-Bi-197

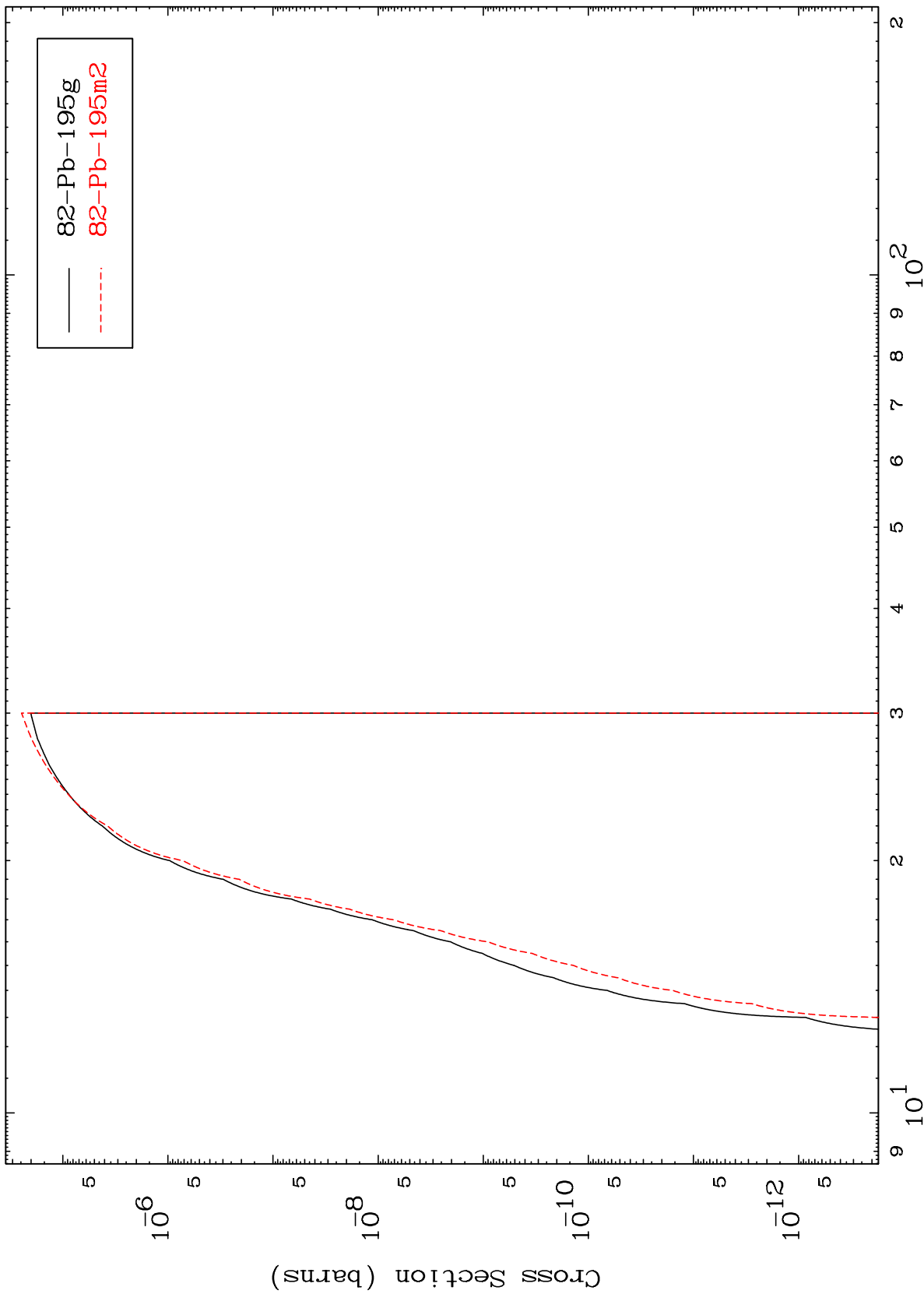
Incident Energy (MeV)

21

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83-Bi-197

(γ, d)
Radionuclide Production Cross Section



83-Bi-197

Incident Energy (MeV)

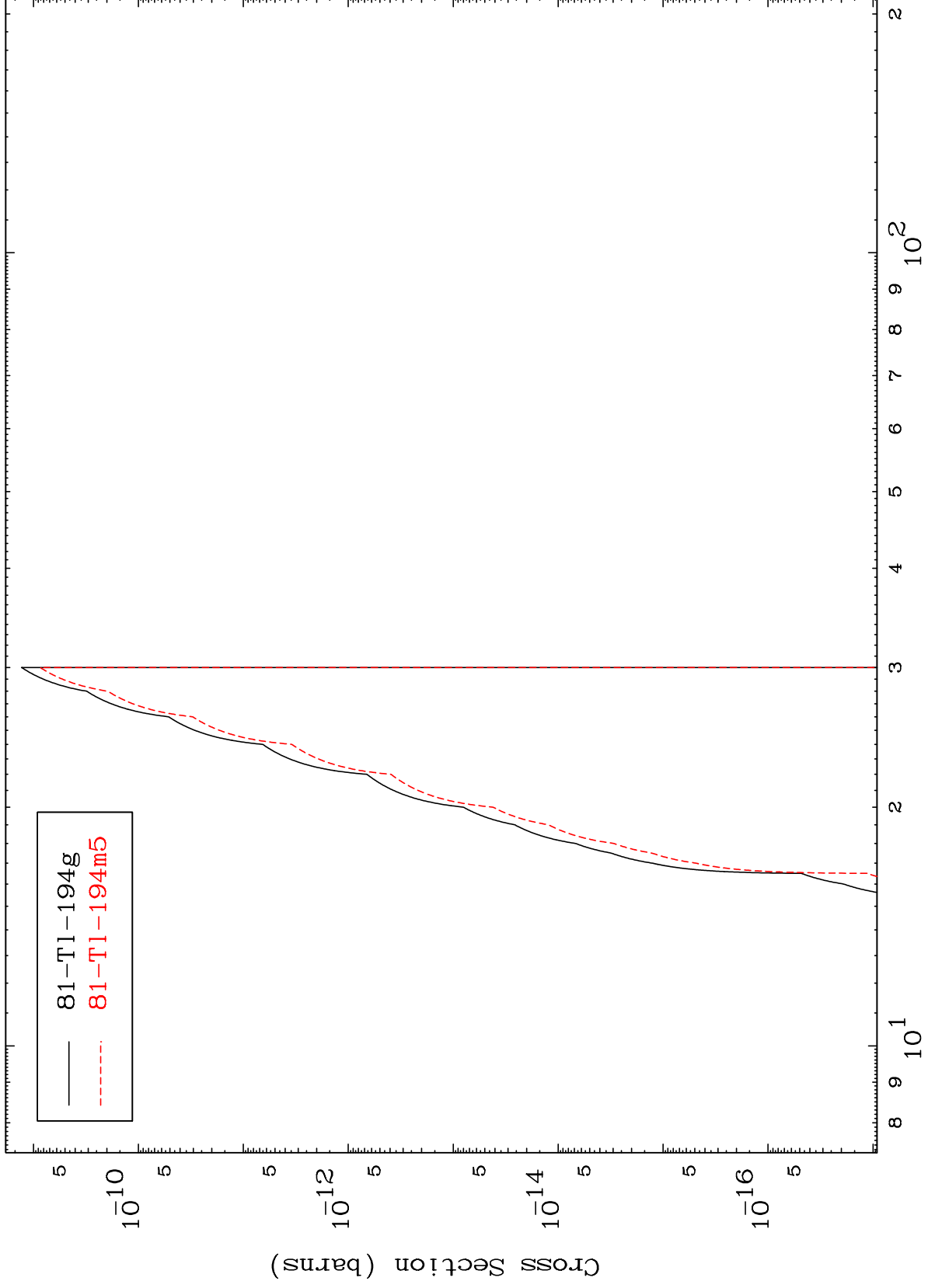
22

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

83-Bi-197

Radionuclide Production Cross Section



23

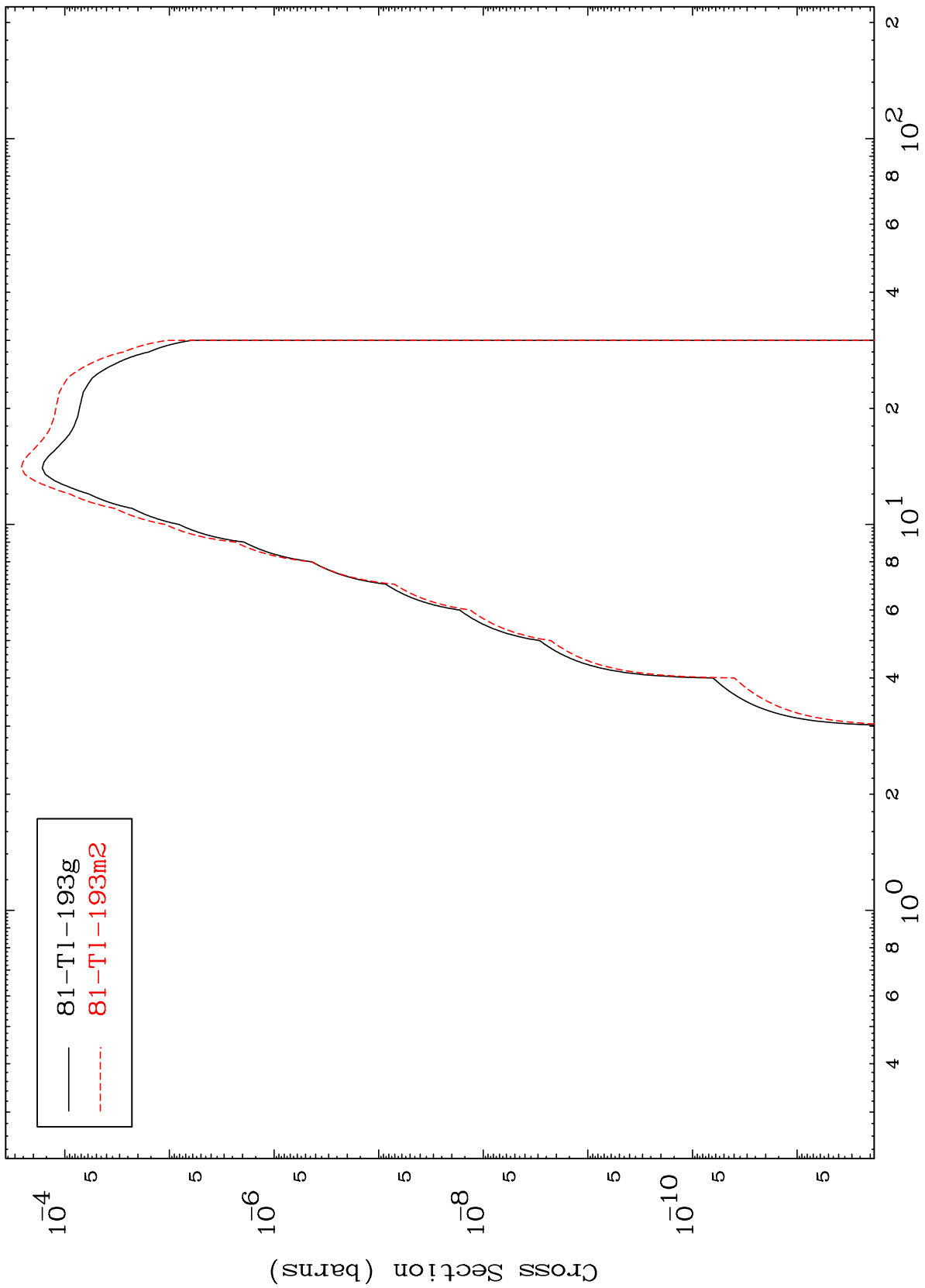
Incident Energy (MeV)

83-Bi-197

MAT 8289

83-Bi-197

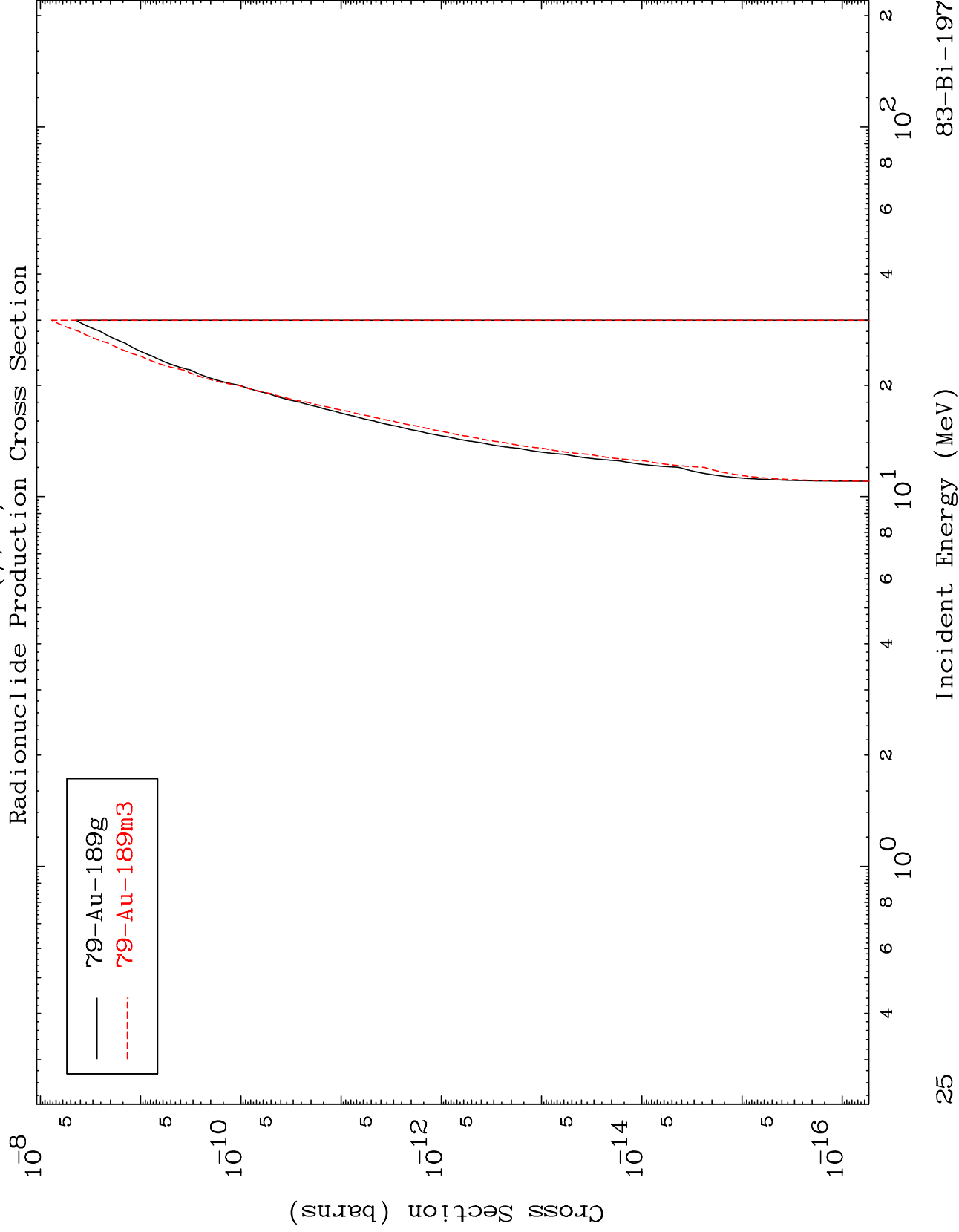
(γ, α)
Radionuclide Production Cross Section



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($\gamma, 2\alpha$)

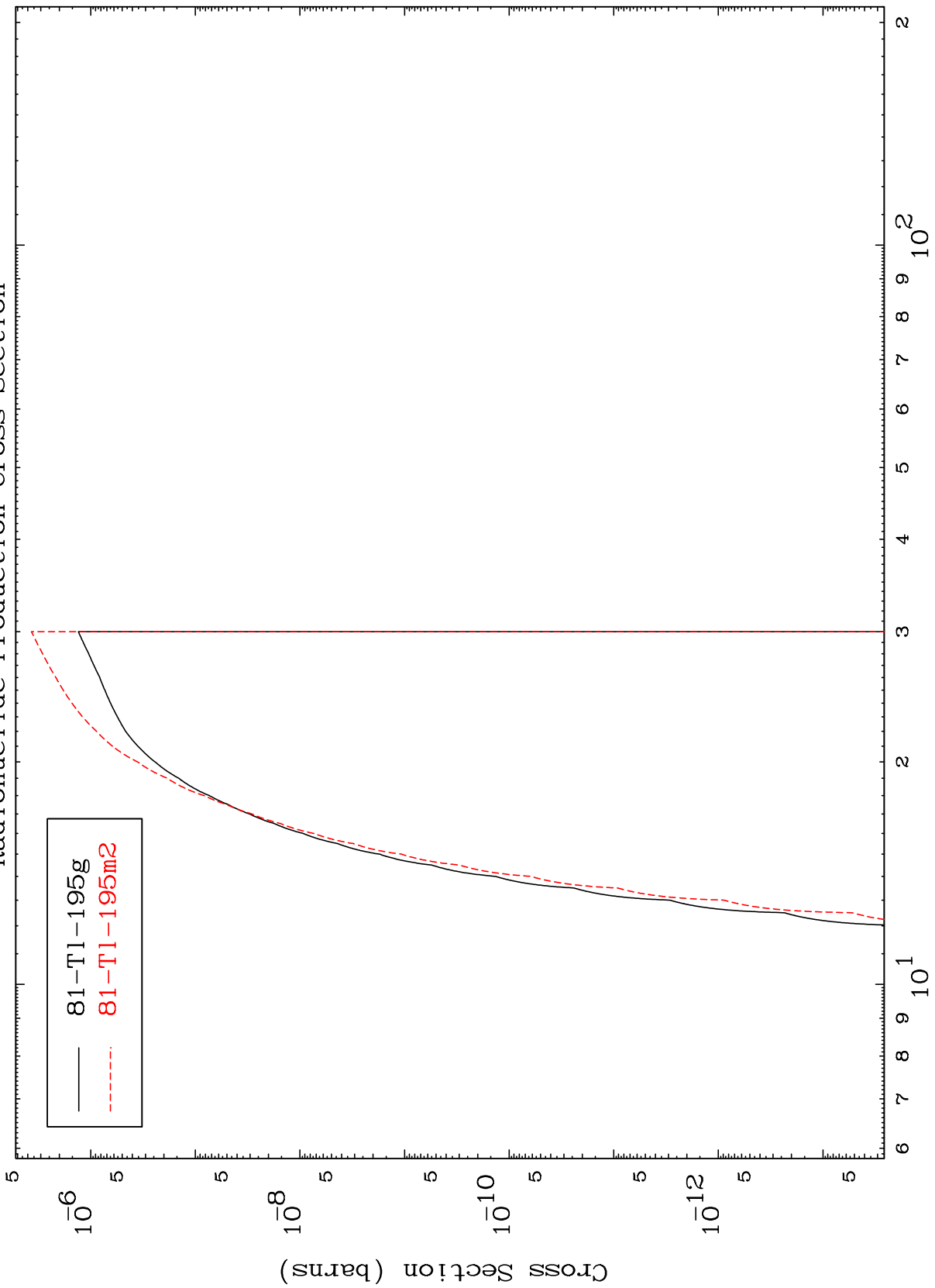
83-Bi-197



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83-Bi-197

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



26

Incident Energy (MeV)

83-Bi-197

Radionuclide Production Cross Section

