

Program EVALPLOT
(Version 2017-1)

by

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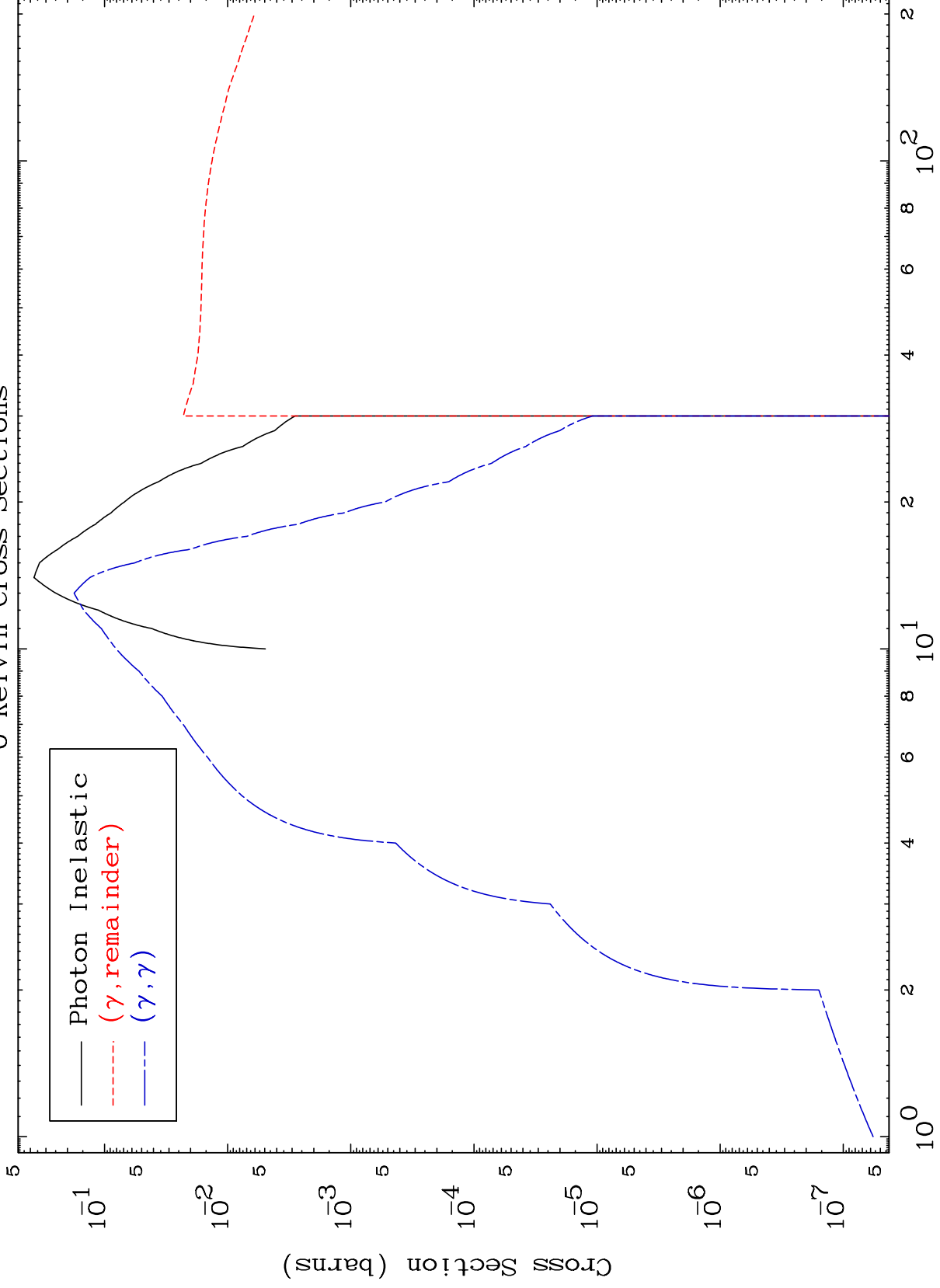
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8290

Photon Major
0 Kelvin Cross Sections

83-Bi-197



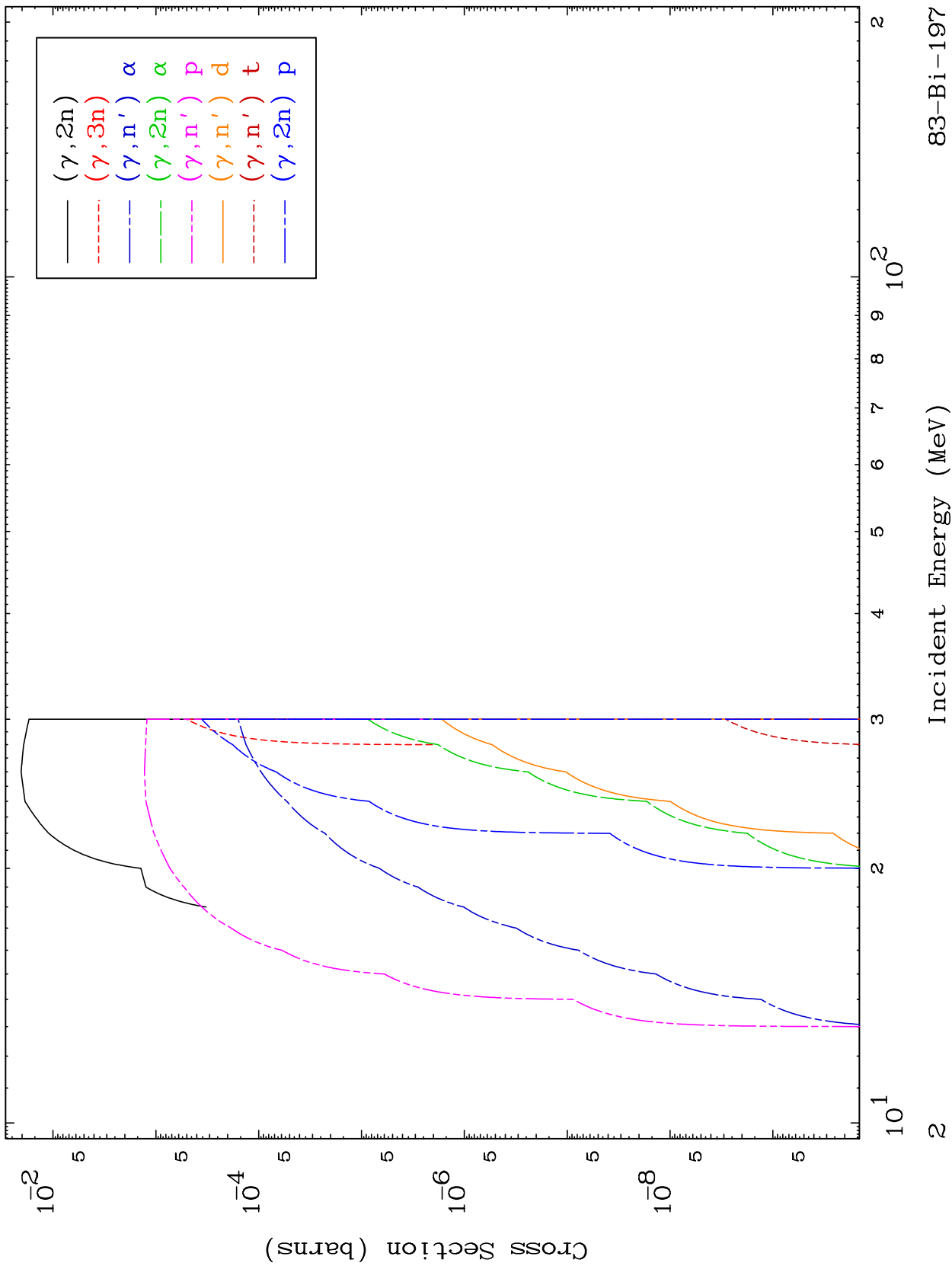
Incident Energy (MeV)

83-Bi-197

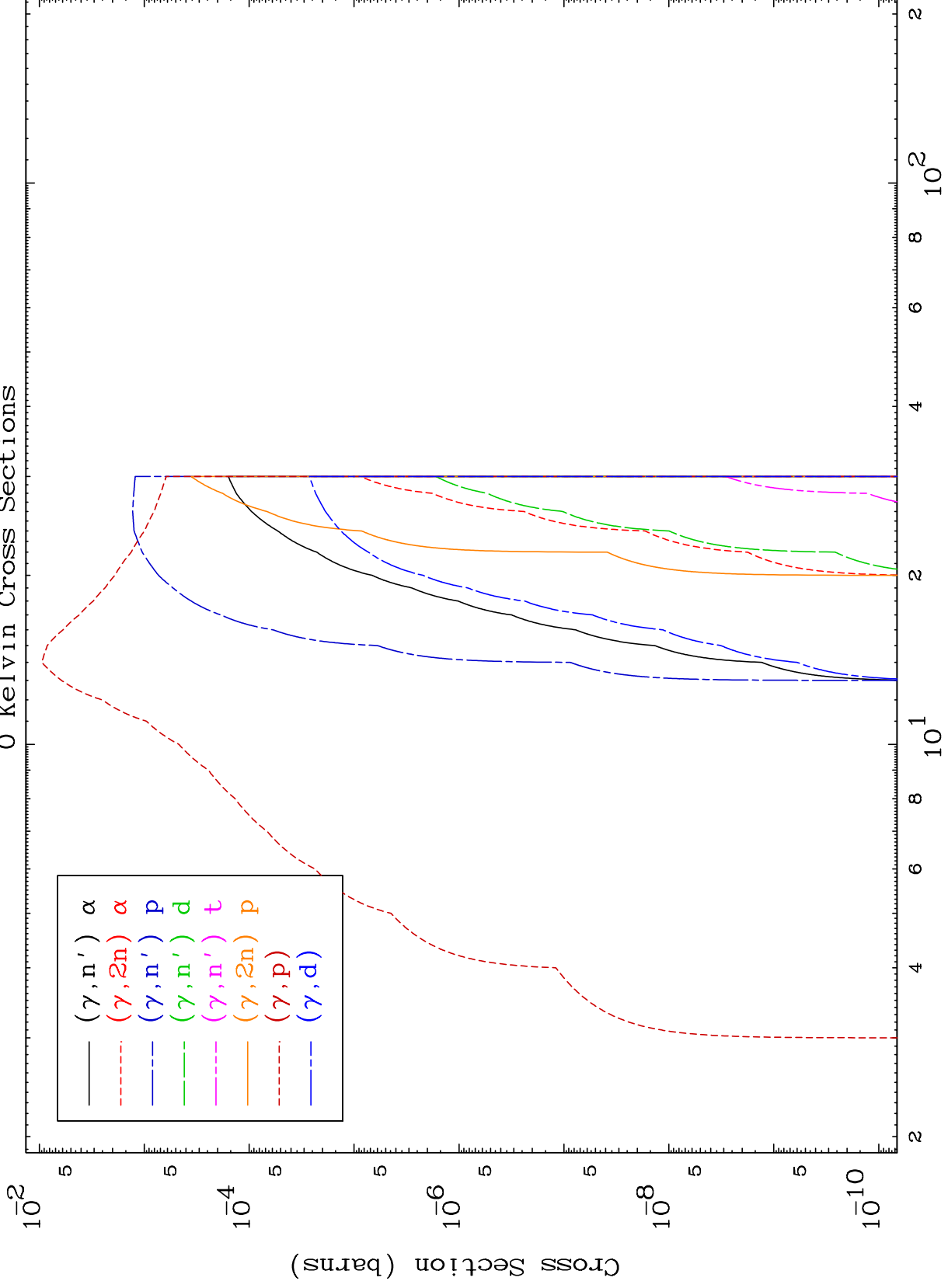
MAT 8290

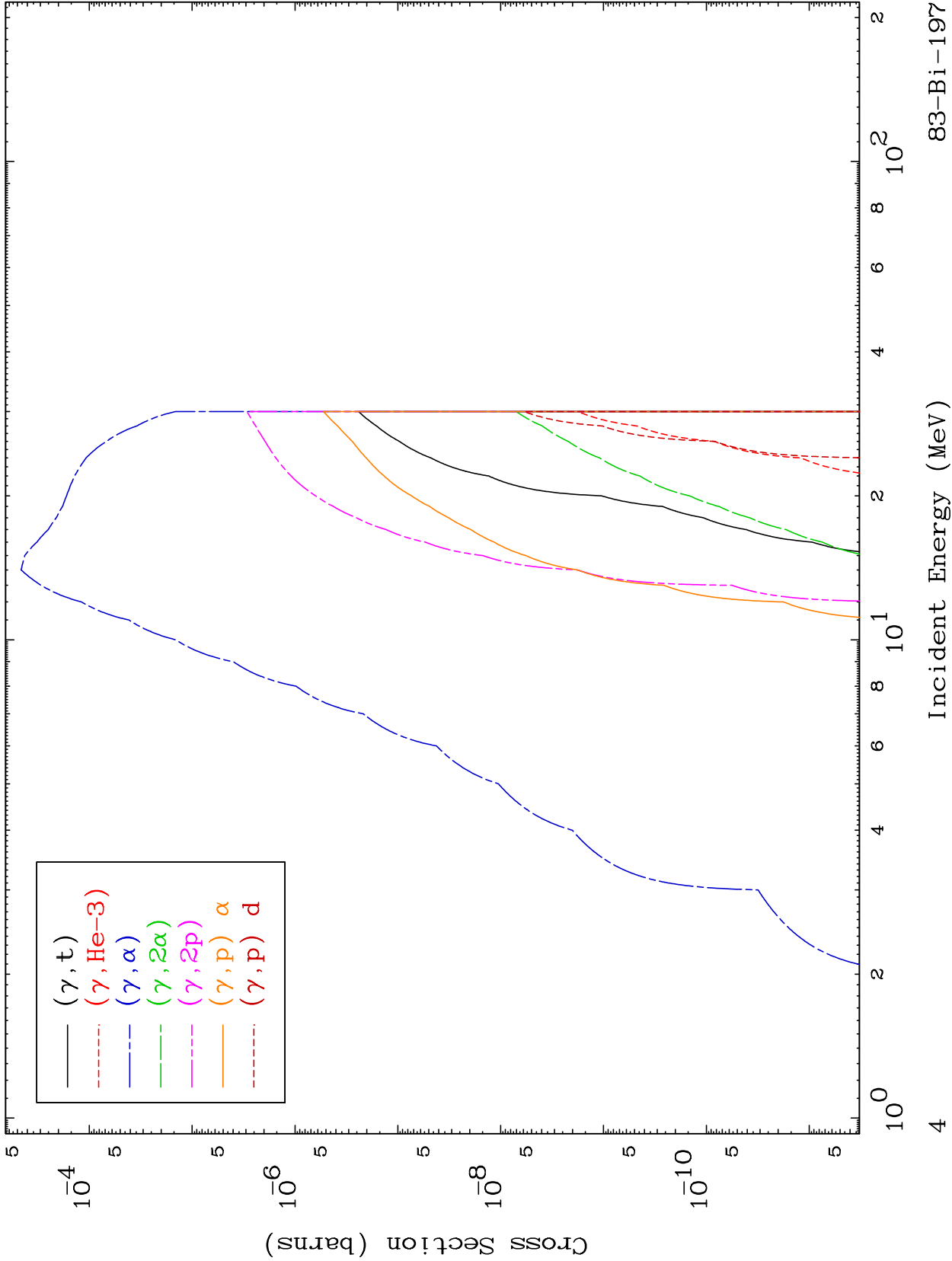
Photon Neutron Production
0 Kelvin Cross Sections

83-Bi-197



83-Bi-197



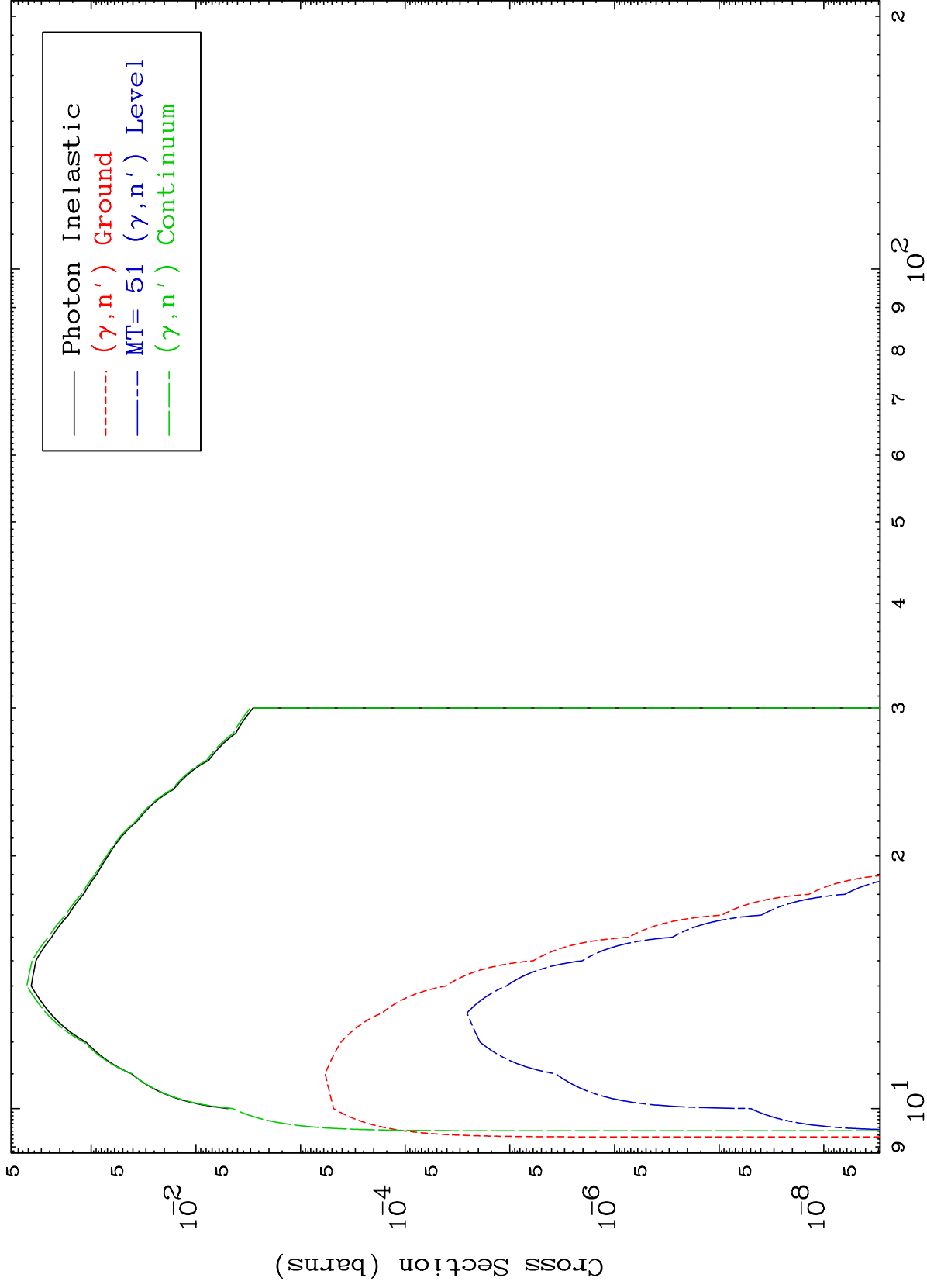


MAT 8290

(γ, n') Level

83-Bi-197

0 Kelvin Cross Sections



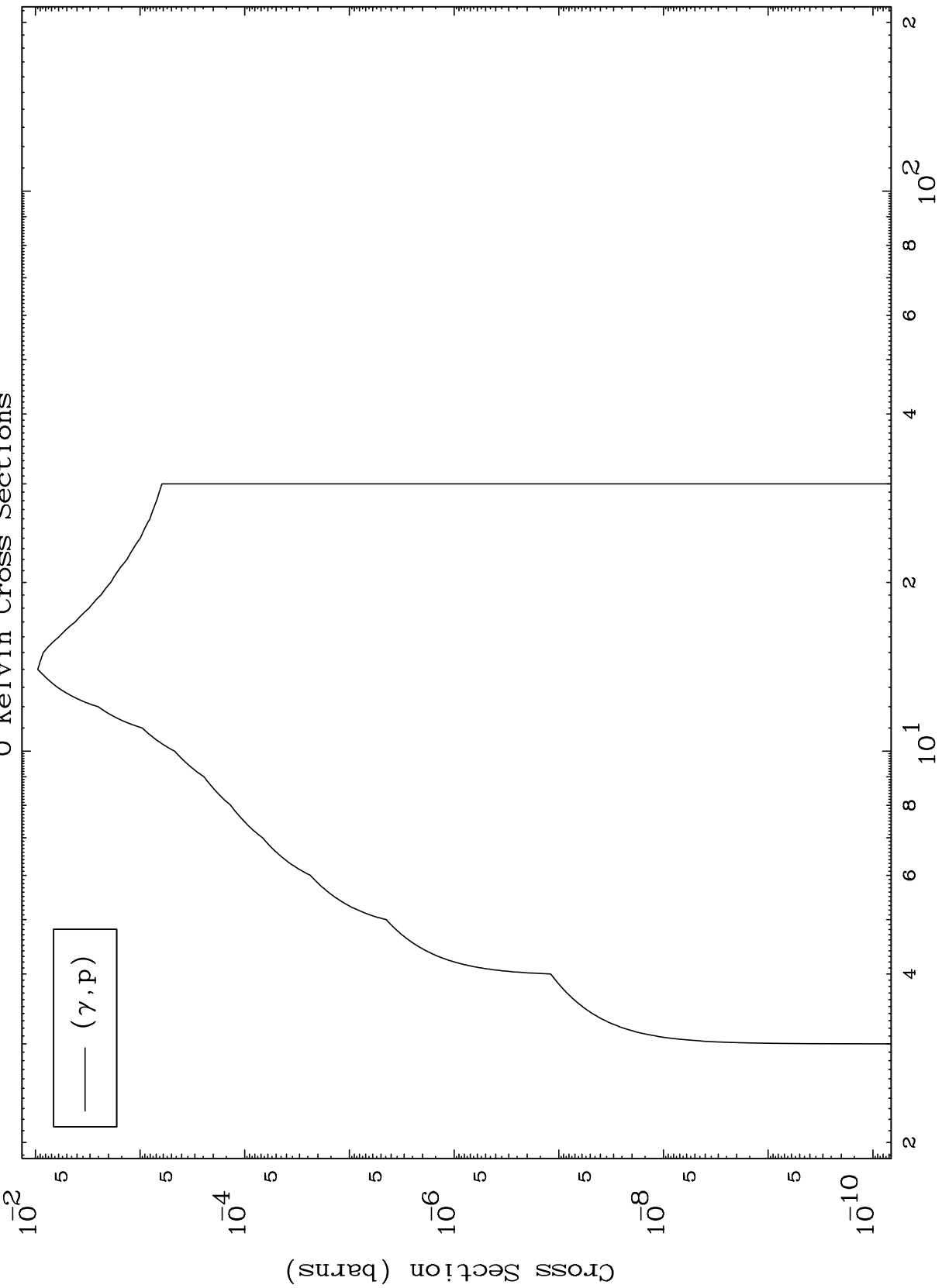
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

(γ, p) Levels
0 Kelvin Cross Sections



83-Bi-197

Incident Energy (MeV)

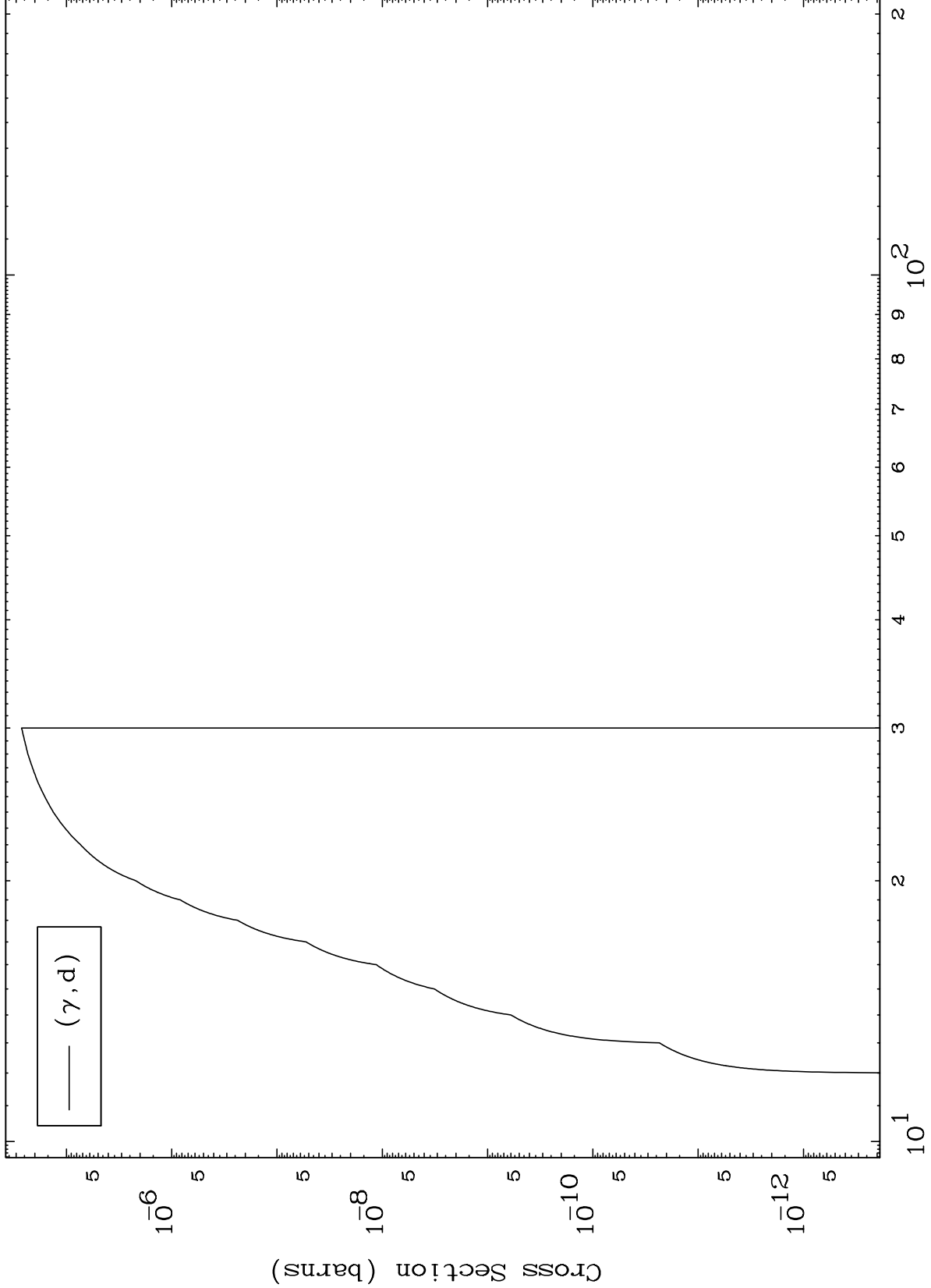
6

MAT 8290

(γ, d) Levels

83-Bi-197

0 Kelvin Cross Sections



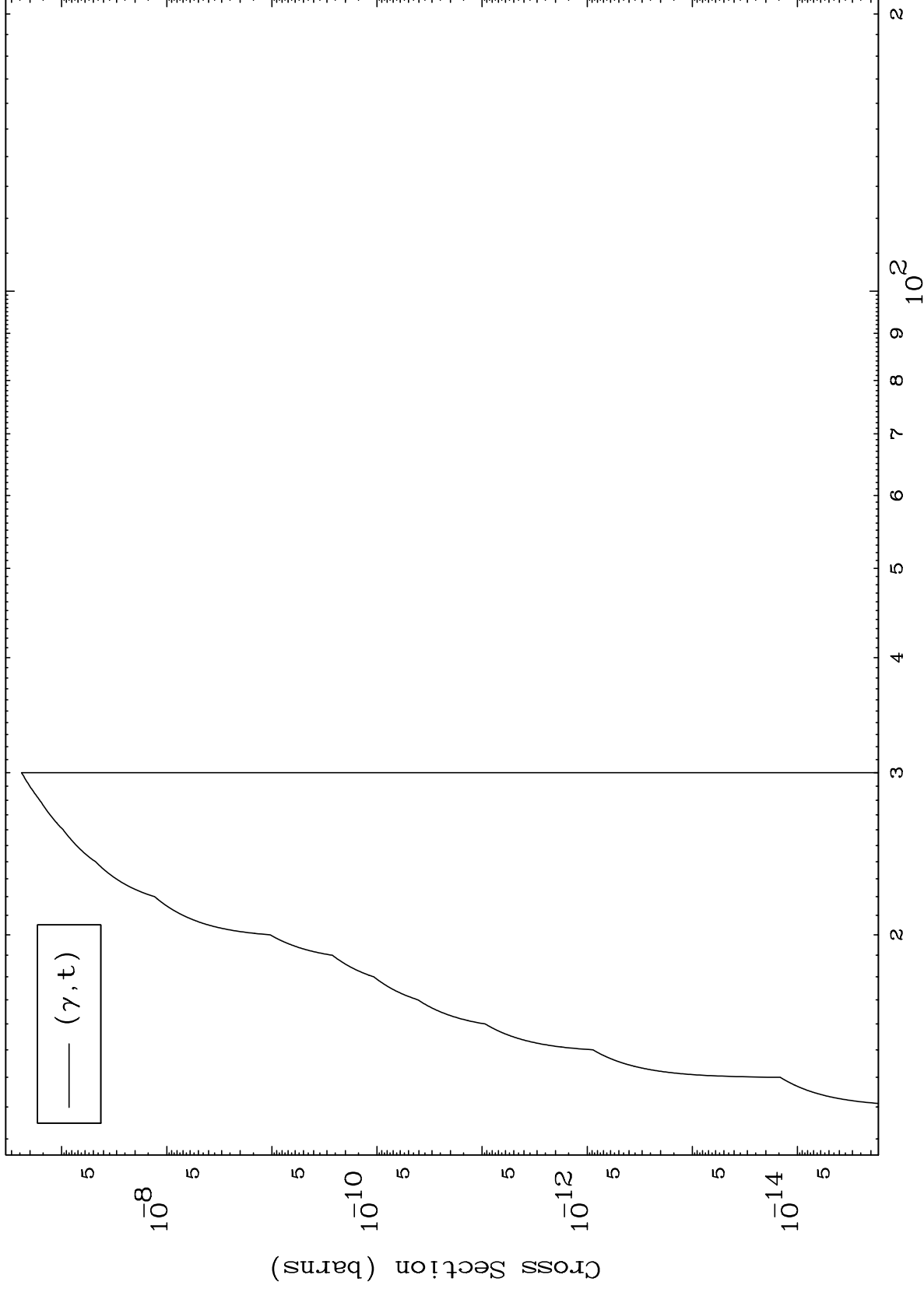
Incident Energy (MeV)

83-Bi-197

MAT 8290

(γ, t) Levels
0 Kelvin Cross Sections

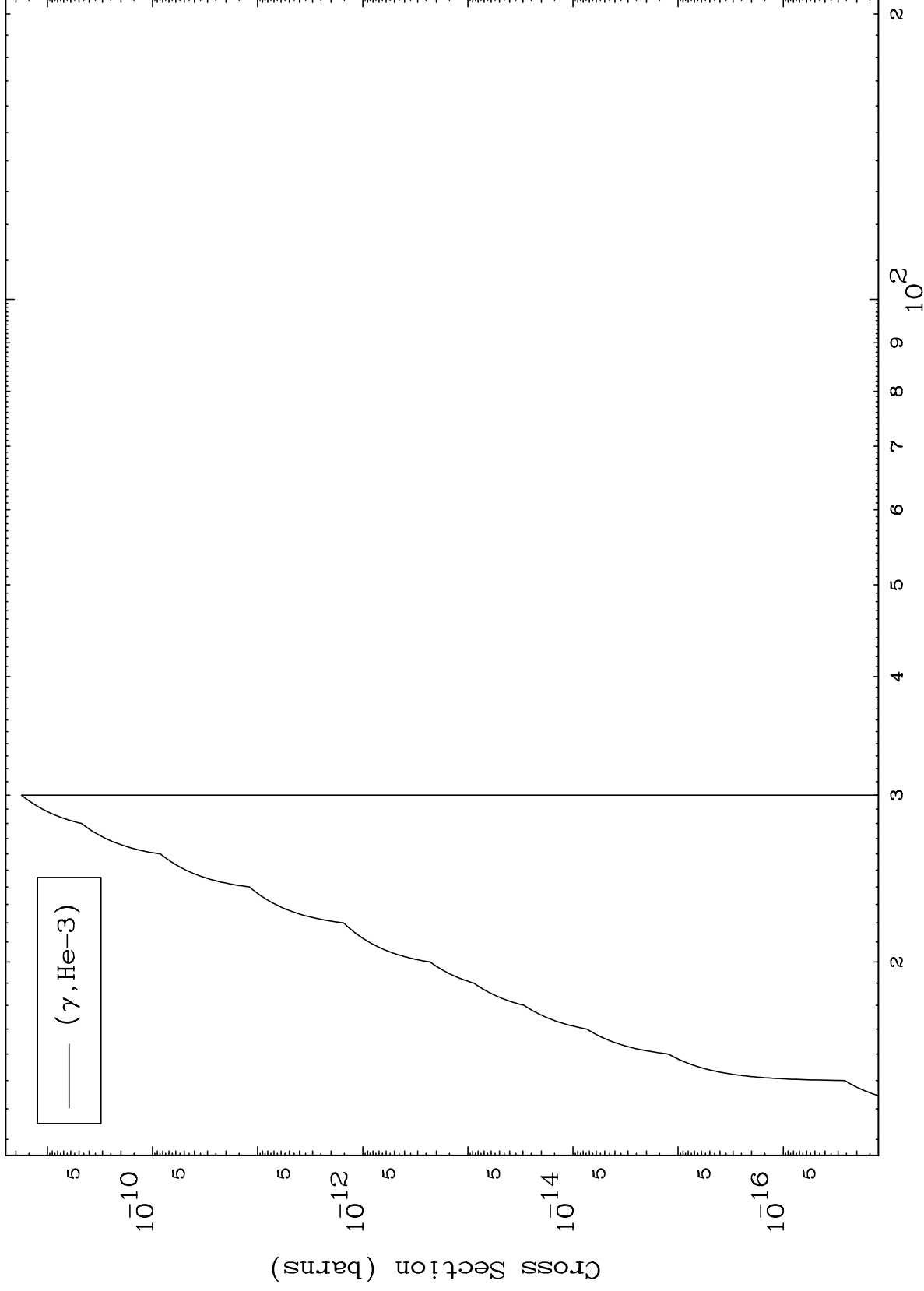
83-Bi-197



8

Incident Energy (MeV)

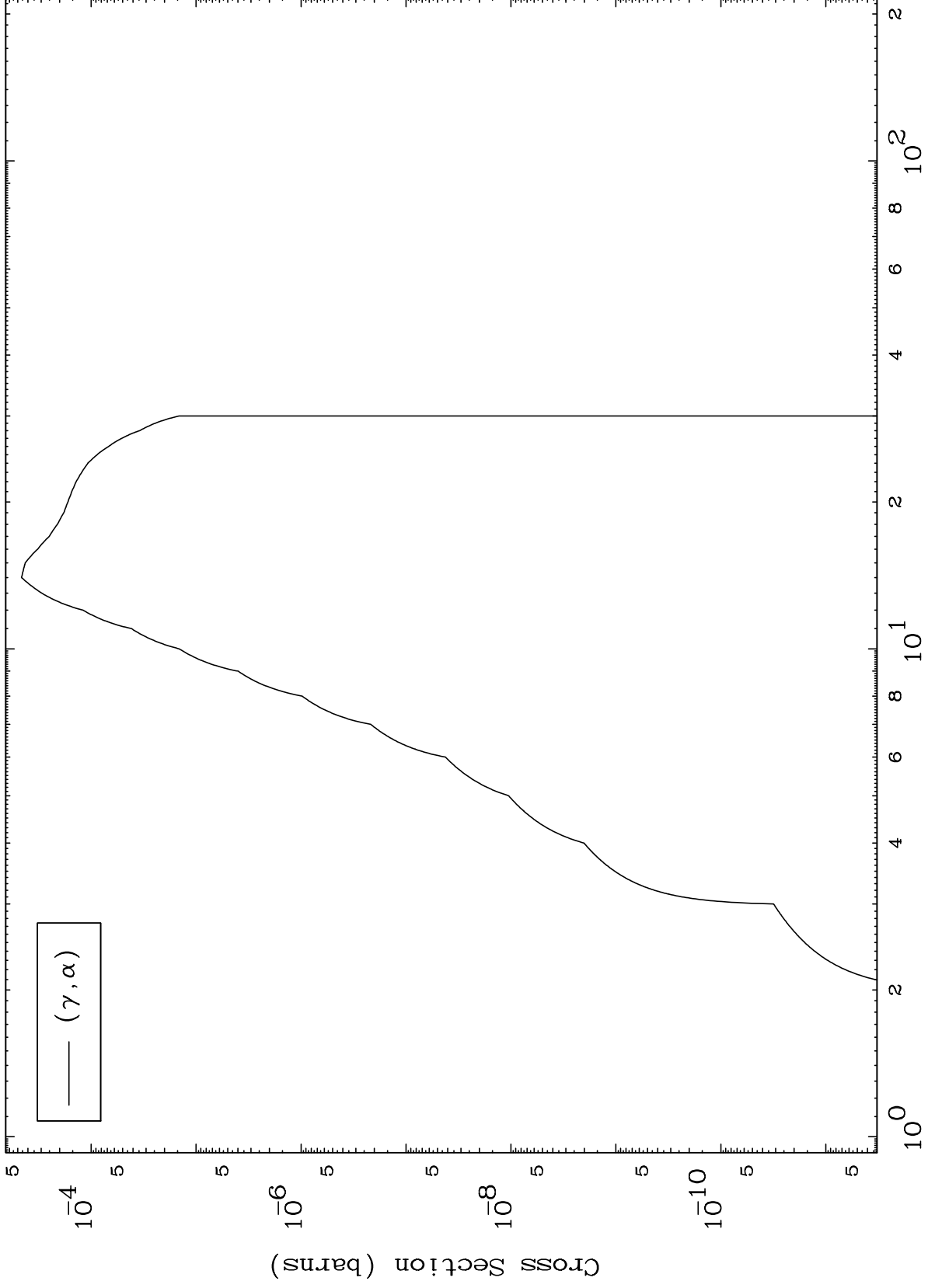
83-Bi-197



MAT 8290

(γ, α) Levels
0 Kelvin Cross Sections

83-Bi-197



Incident Energy (MeV)

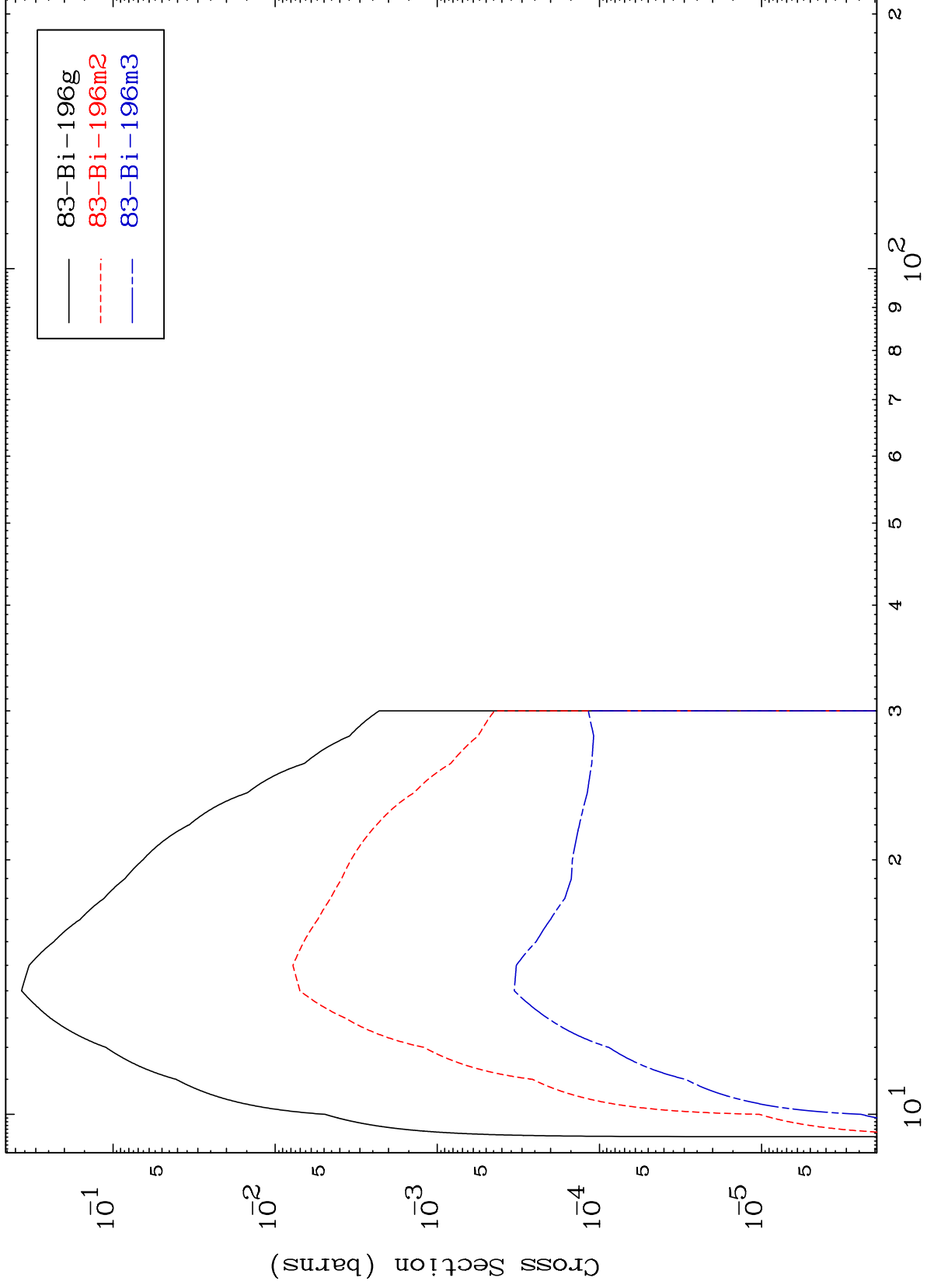
83-Bi-197

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Photon Inelastic

83-Bi-197

Radionuclide Production Cross Section



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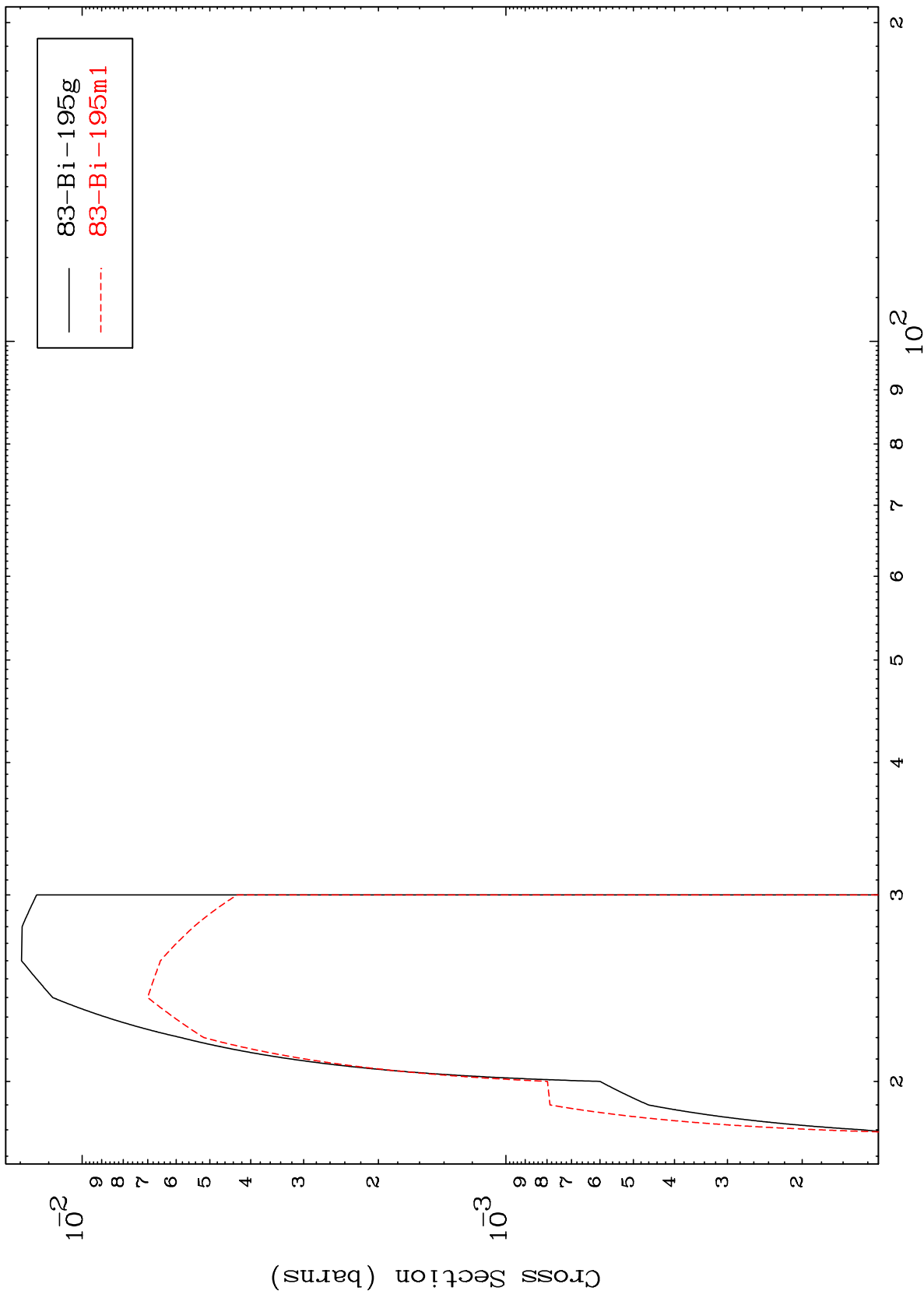
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

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



12

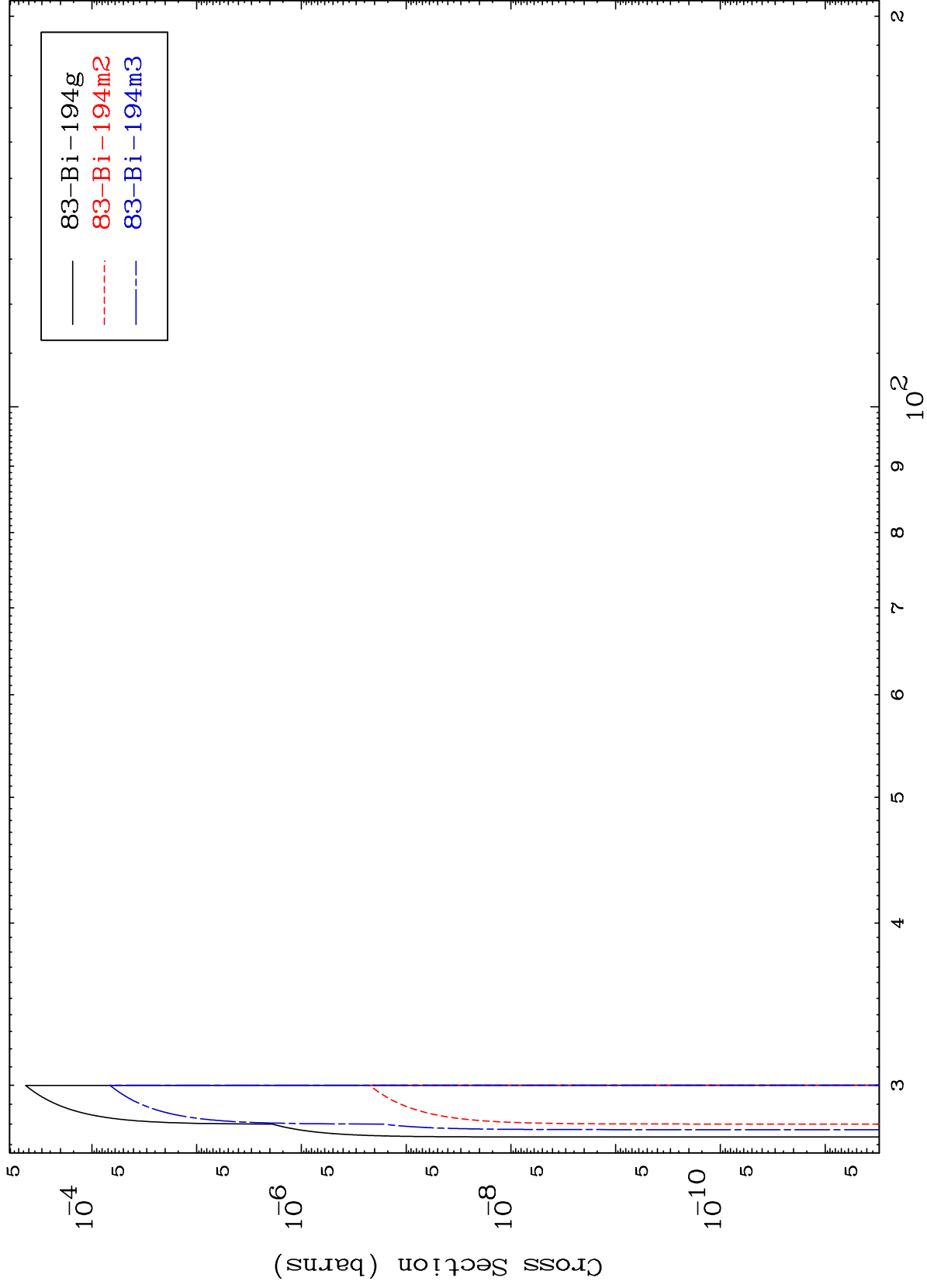
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

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



83-Bi-197

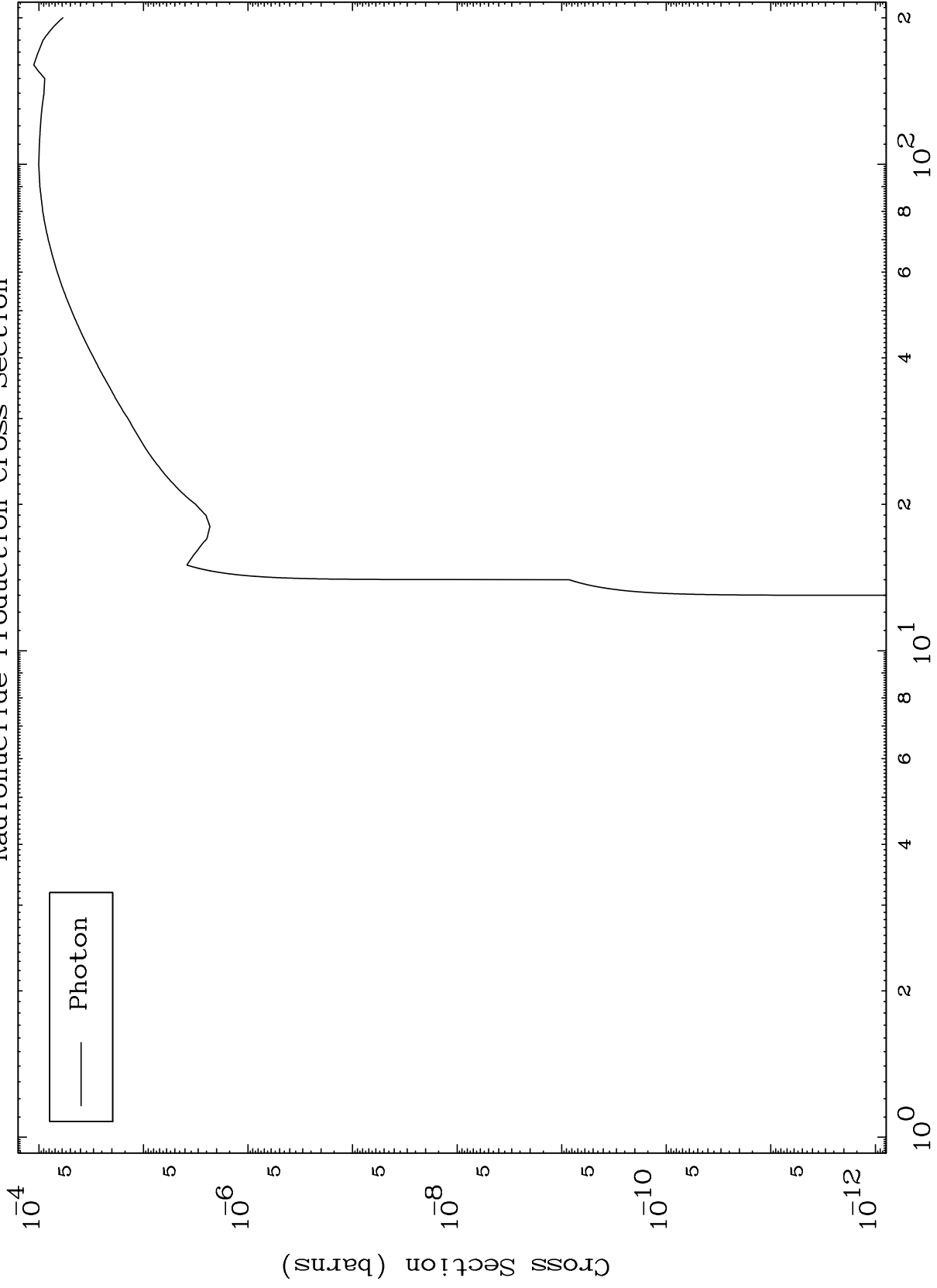
Incident Energy (MeV)

13

MAT 8290

83-Bi-197

Photon Fission
Radionuclide Production Cross Section



83-Bi-197

Incident Energy (MeV)

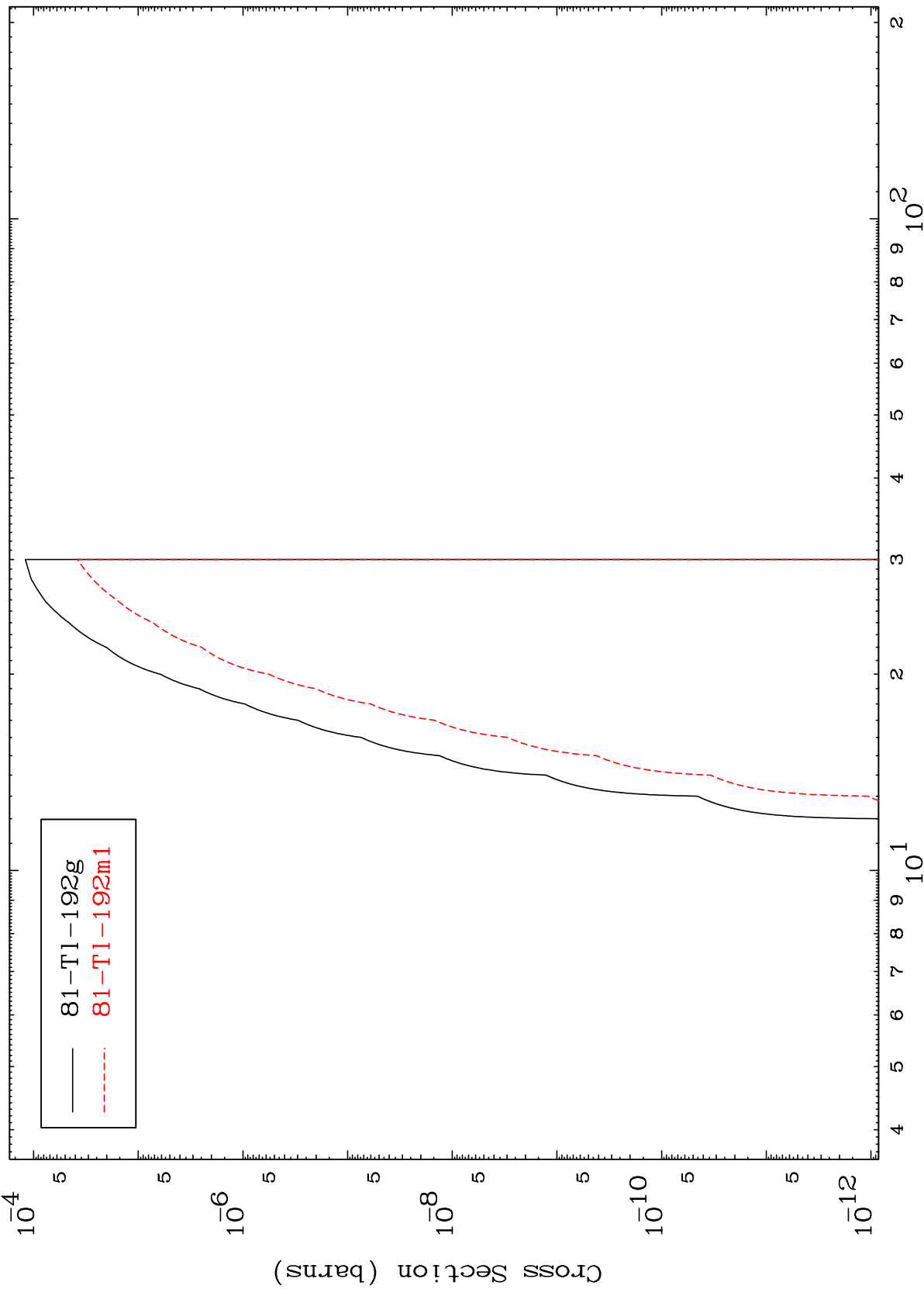
14

MAT 8290

(γ, n') α

83-Bi-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

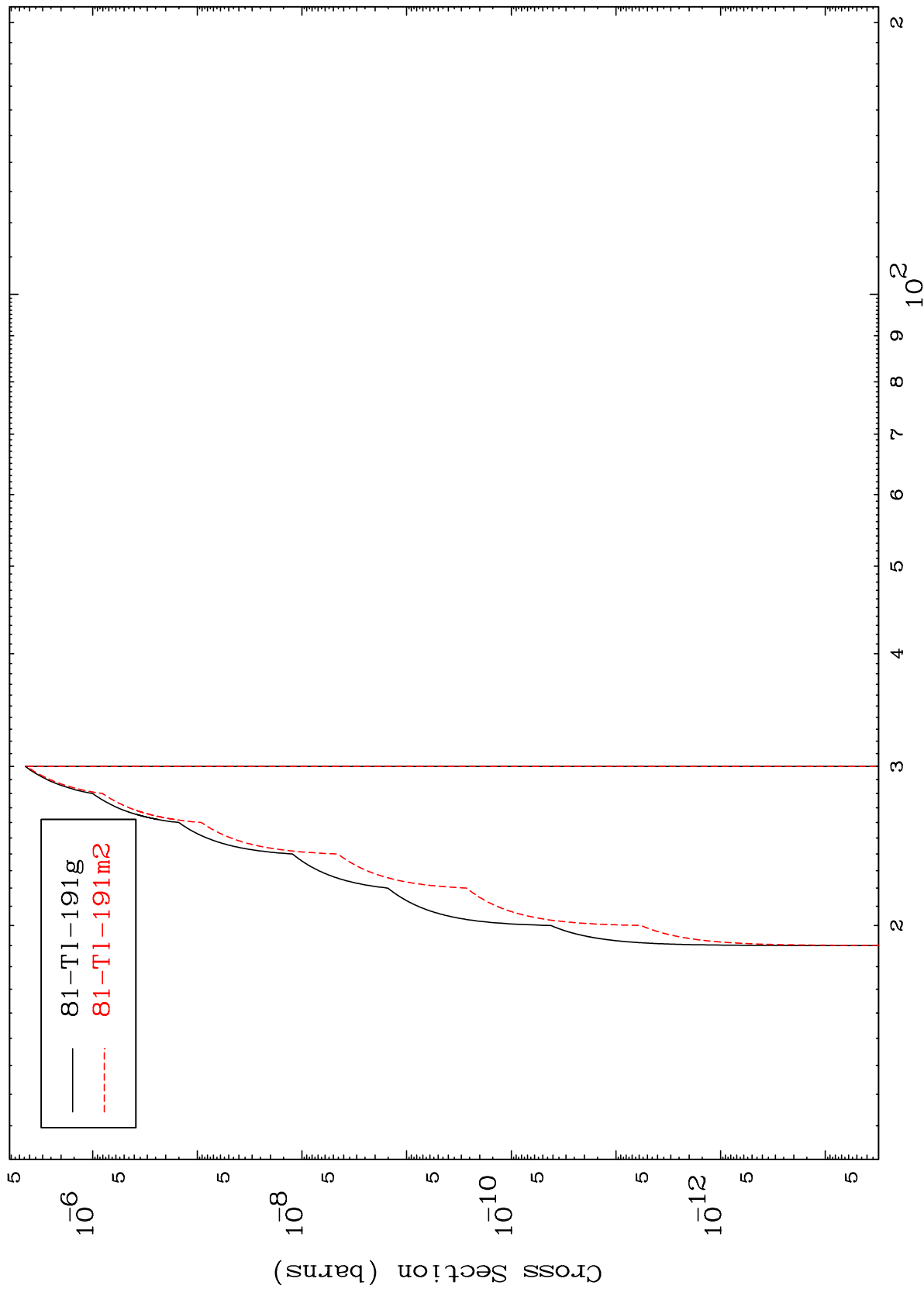
83-Bi-197

MAT 8290

($\gamma, 2n$) α

83-Bi-197

Radionuclide Production Cross Section

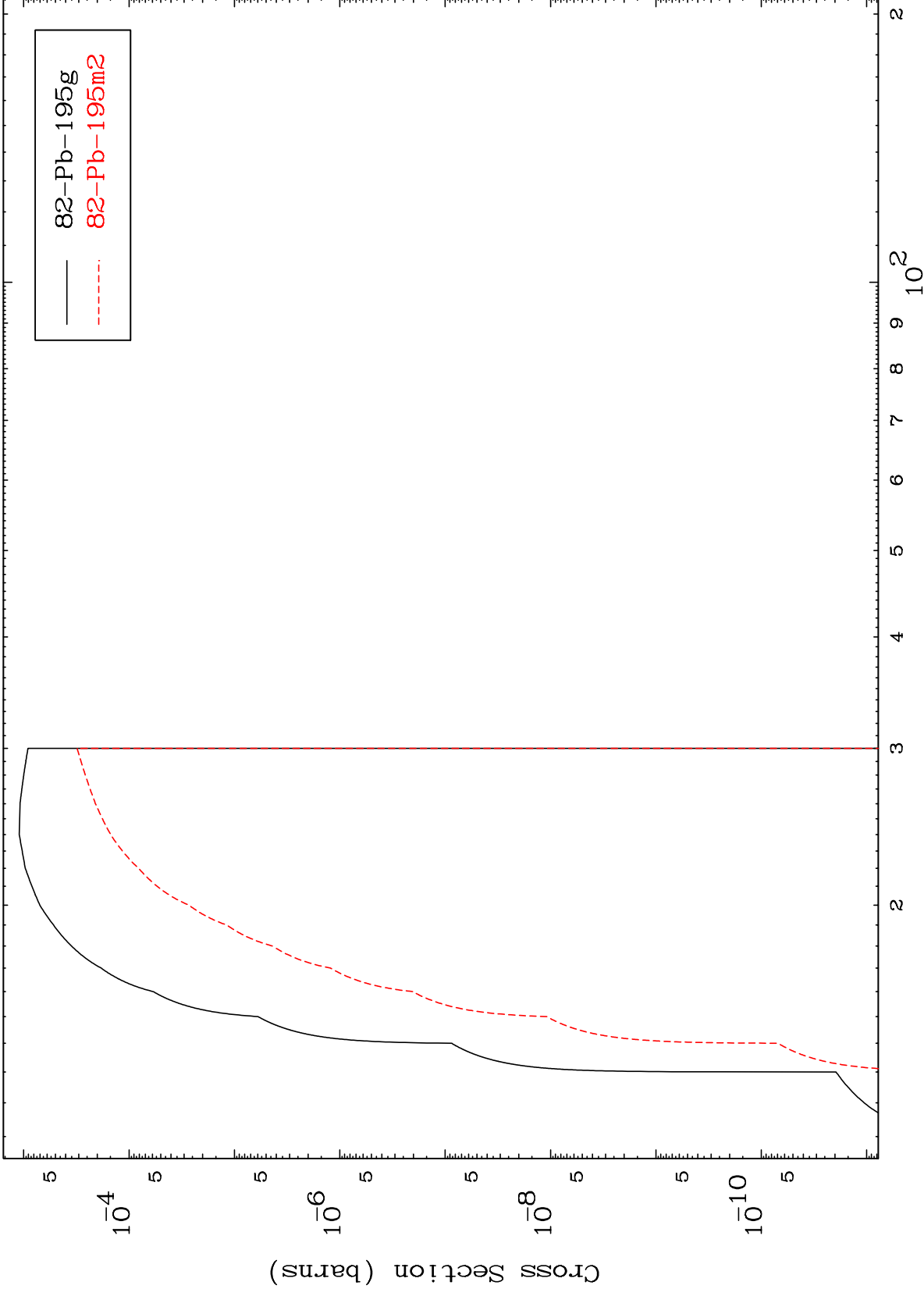


MAT 8290

(γ, n') p

83-Bi-197

Radionuclide Production Cross Section

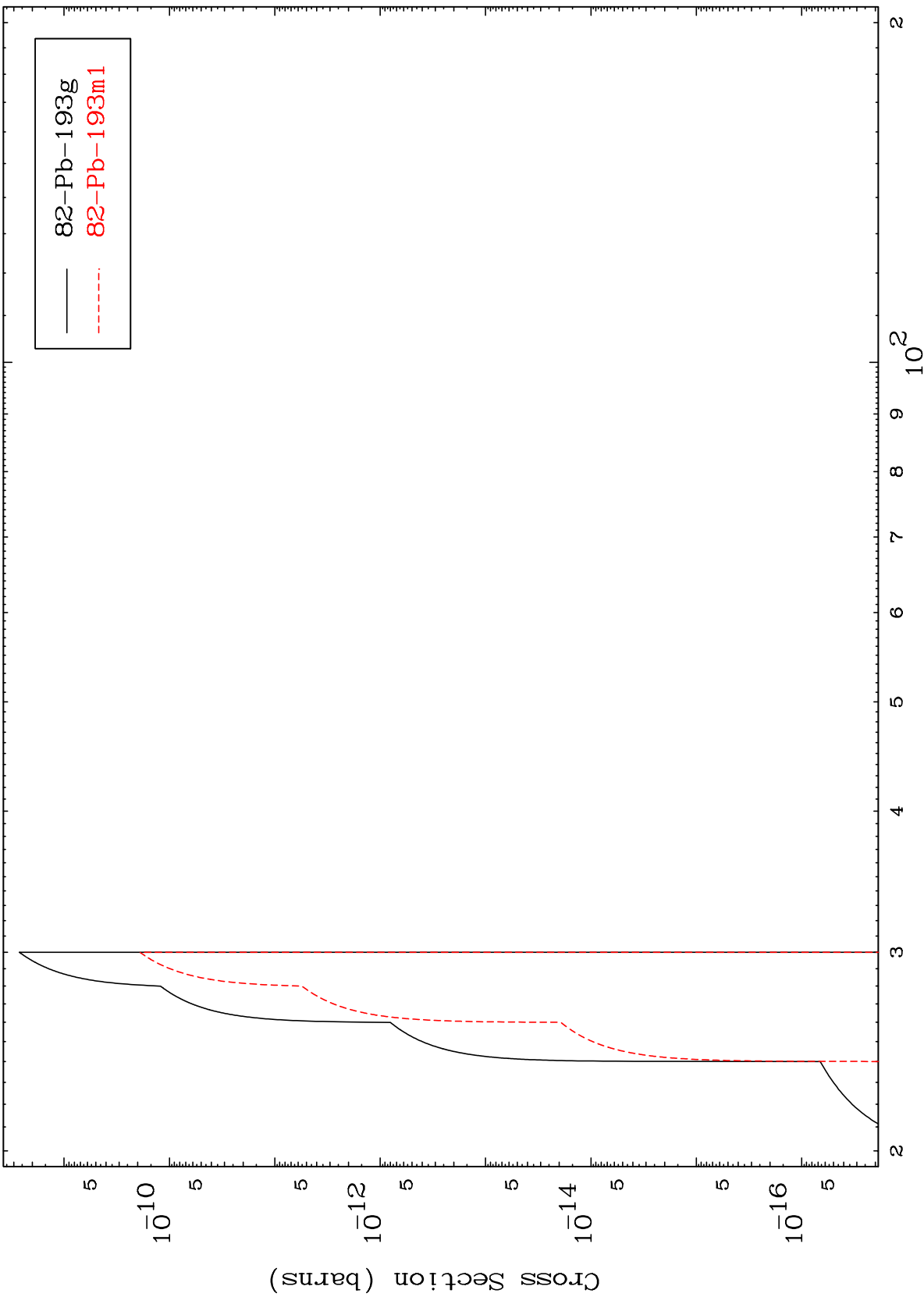


17

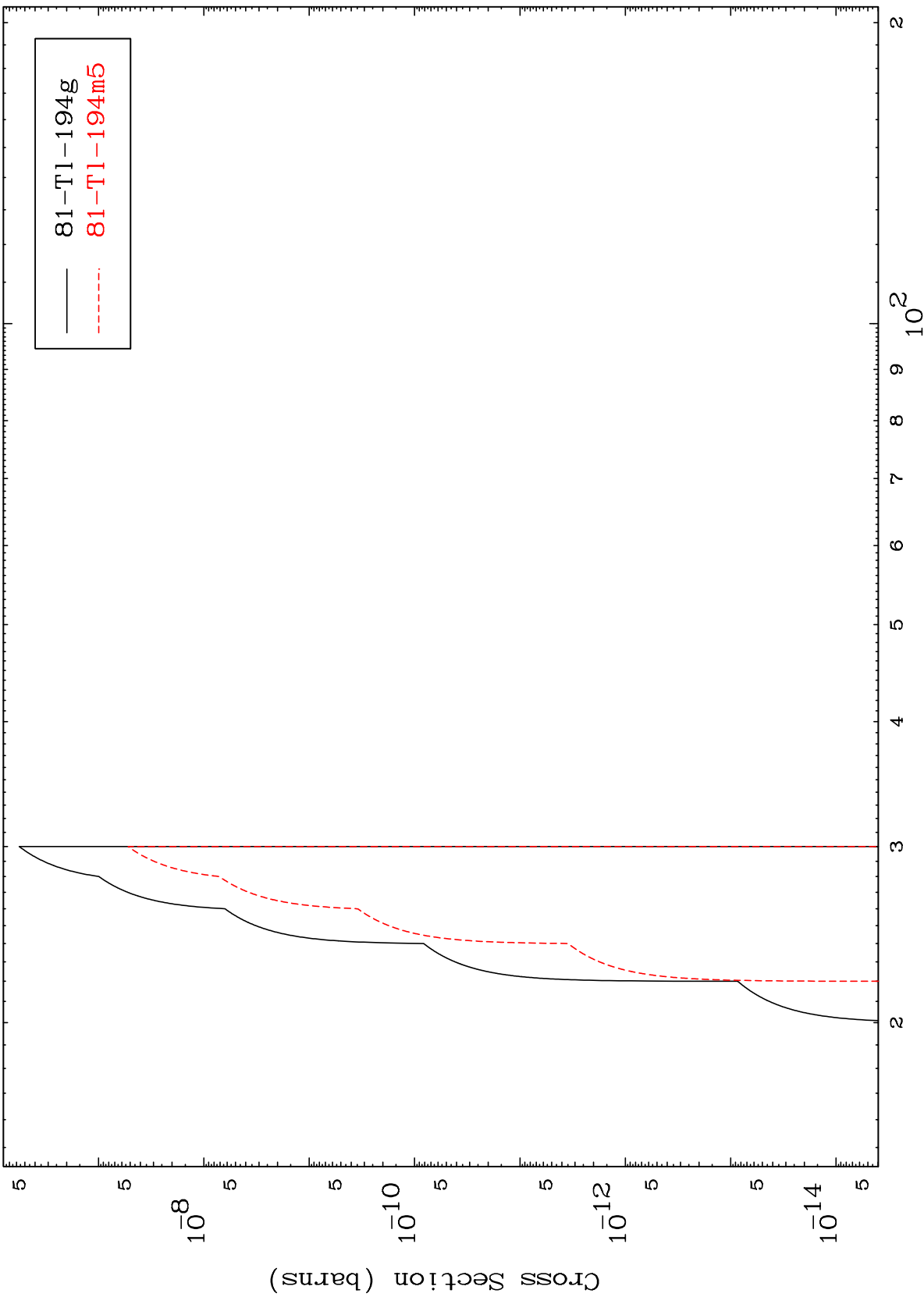
Incident Energy (MeV)

83-Bi-197

Radionuclide Production Cross Section



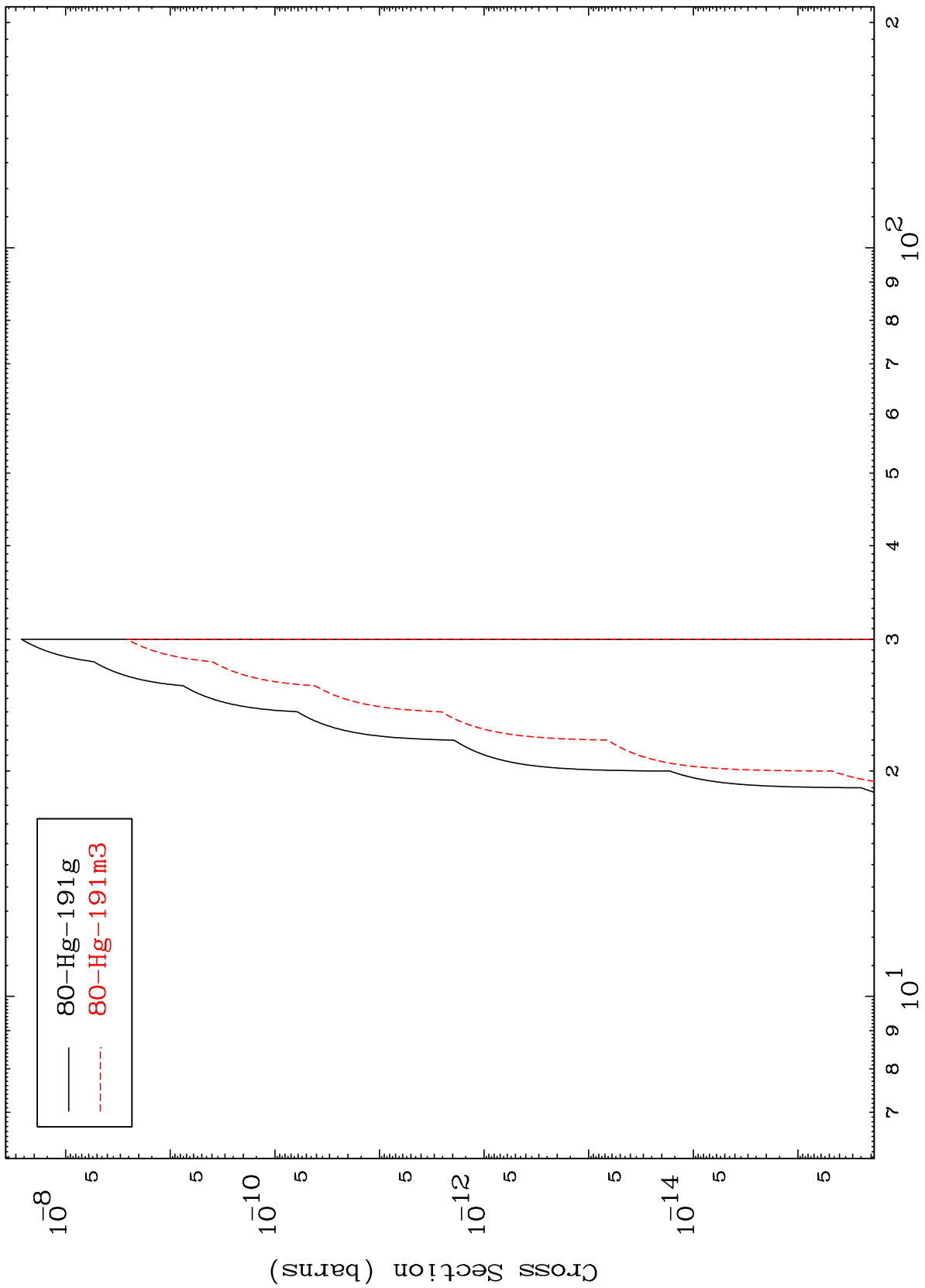
Radionuclide Production Cross Section



MAT 8290

83-Bi-197

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



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

83-Bi-197

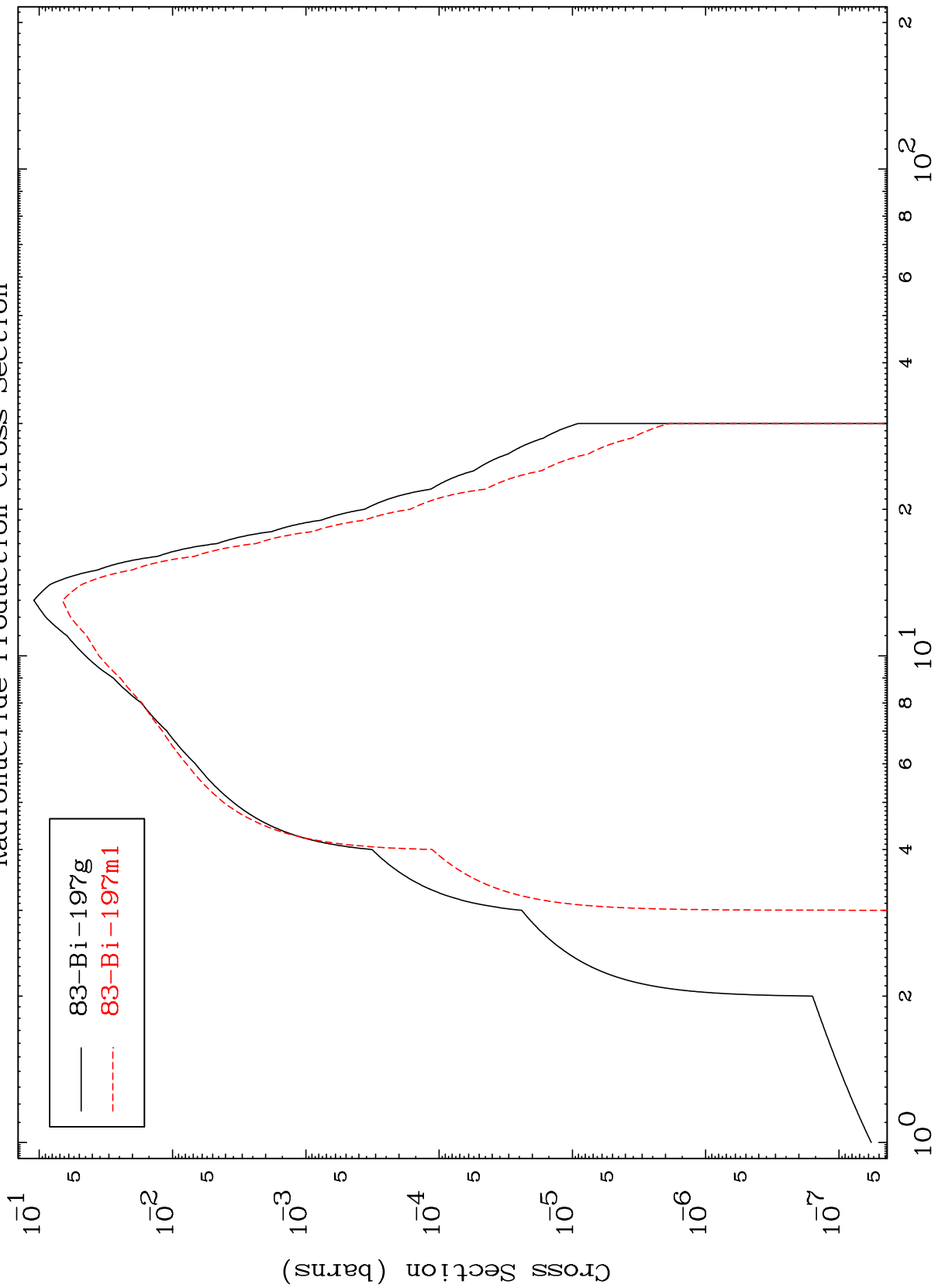
Incident Energy (MeV)

20

MAT 8290

83-Bi-197

Radionuclide Production Cross Section
(γ, γ)



83-Bi-197

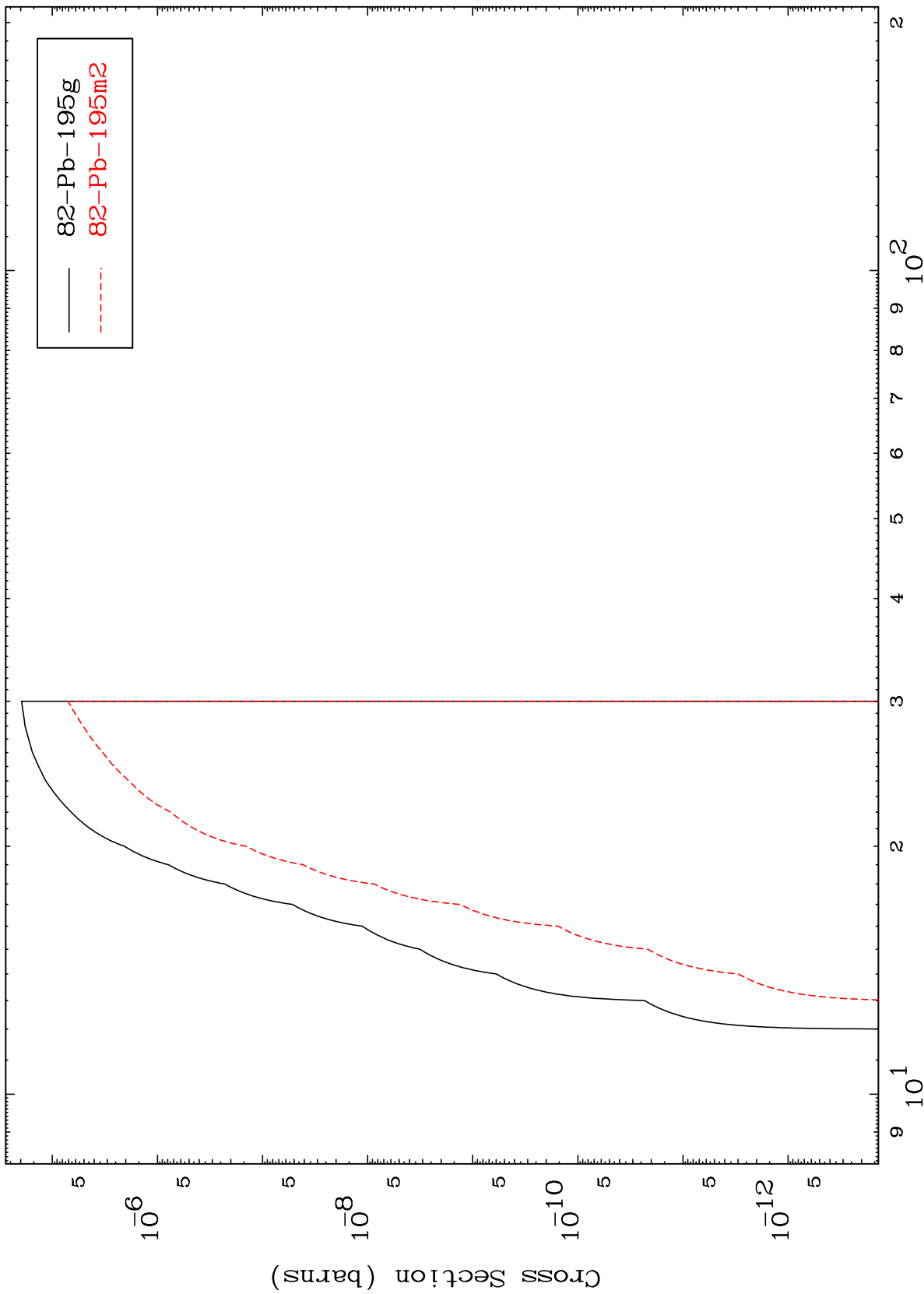
Incident Energy (MeV)

21

MAT 8290

83-Bi-197

(γ, d)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

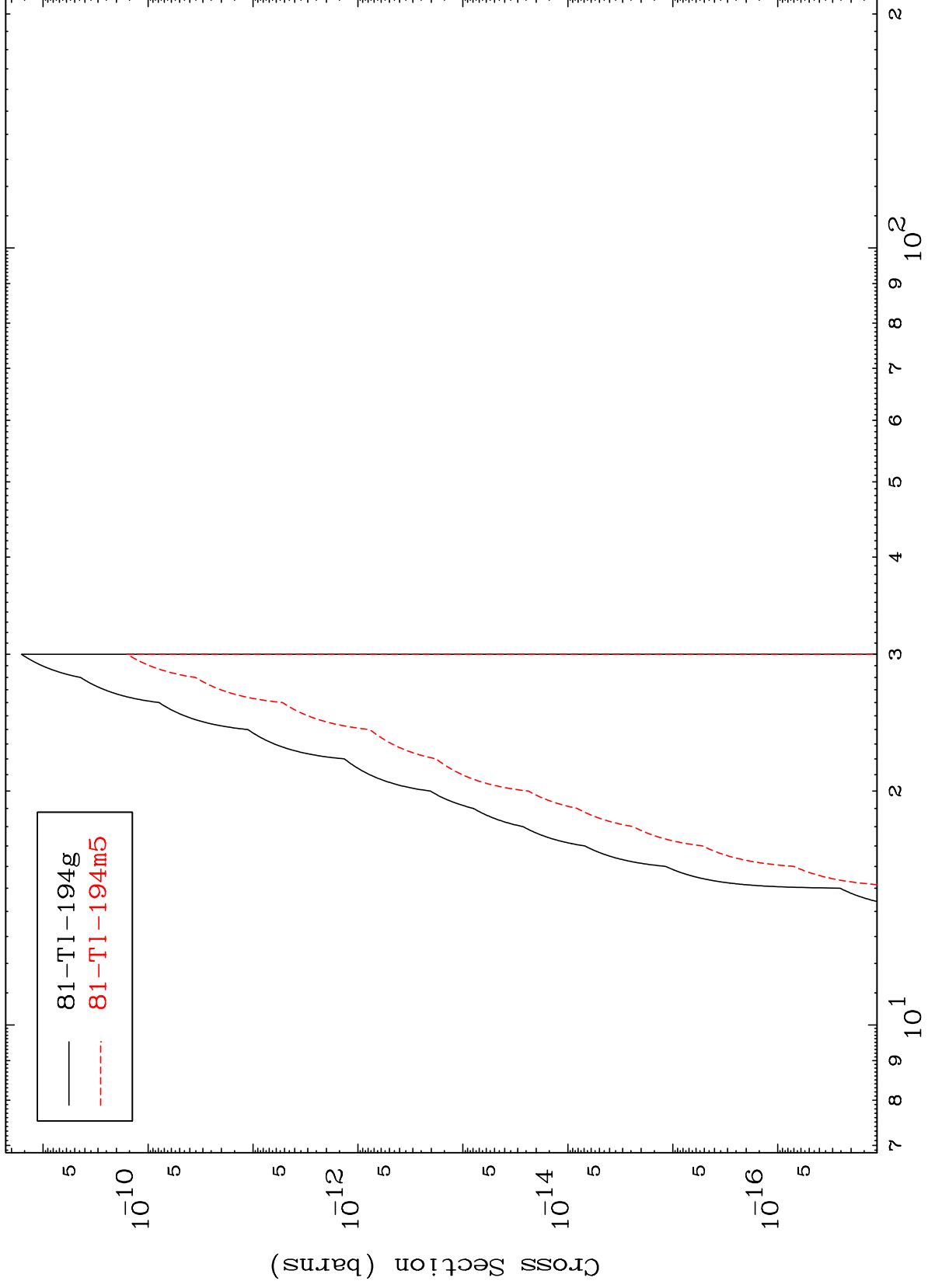
83-Bi-197

MAT 8290

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

83-Bi-197

Radionuclide Production Cross Section



81-Tl-194g
81-Tl-194m5

23

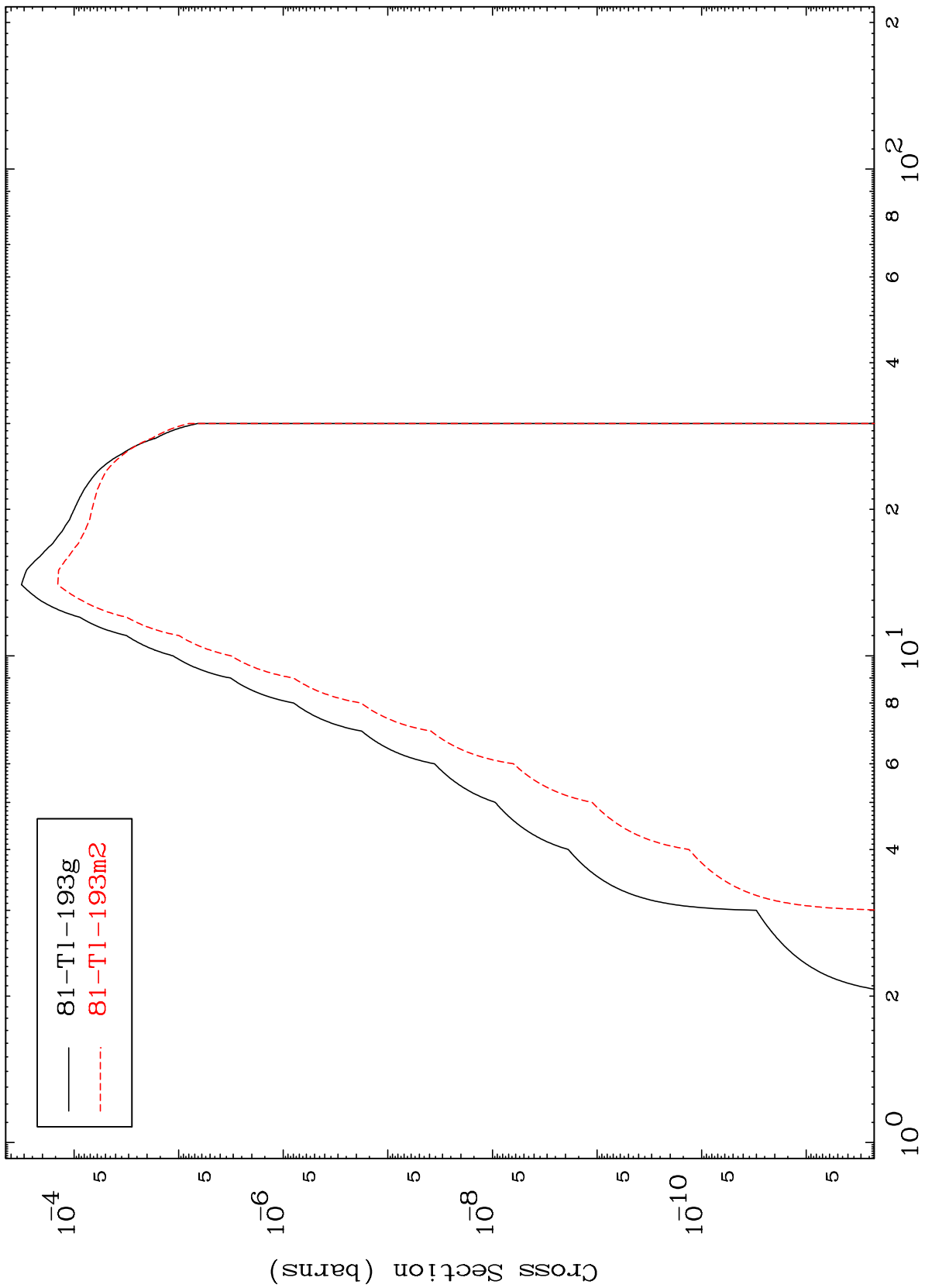
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

Radionuclide Production Cross Section
(γ, α)



— 81-Tl-193g
- - - 81-Tl-193m2

Incident Energy (MeV)

83-Bi-197

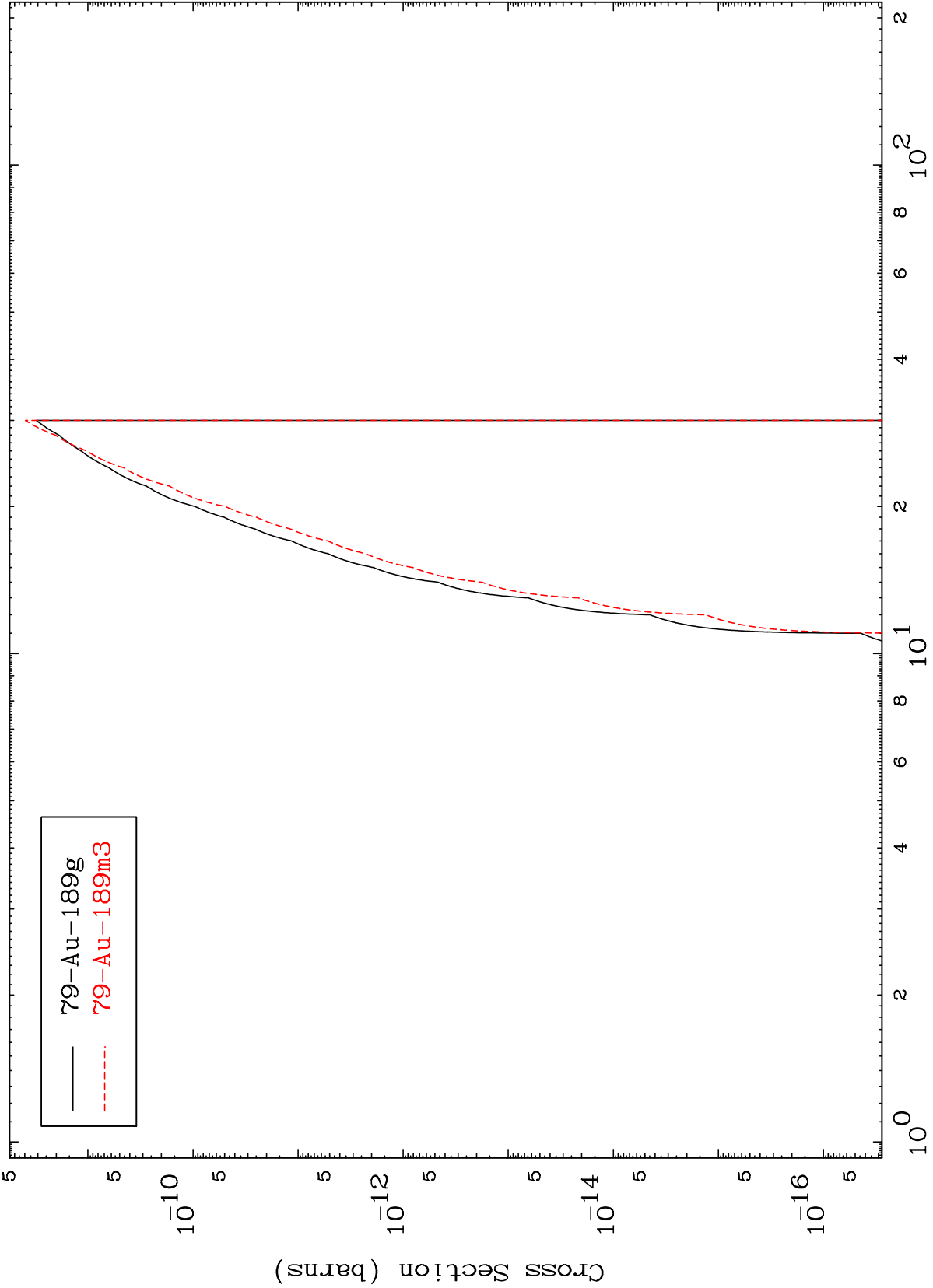
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($\gamma, 2\alpha$)

83-Bi-197

Radionuclide Production Cross Section



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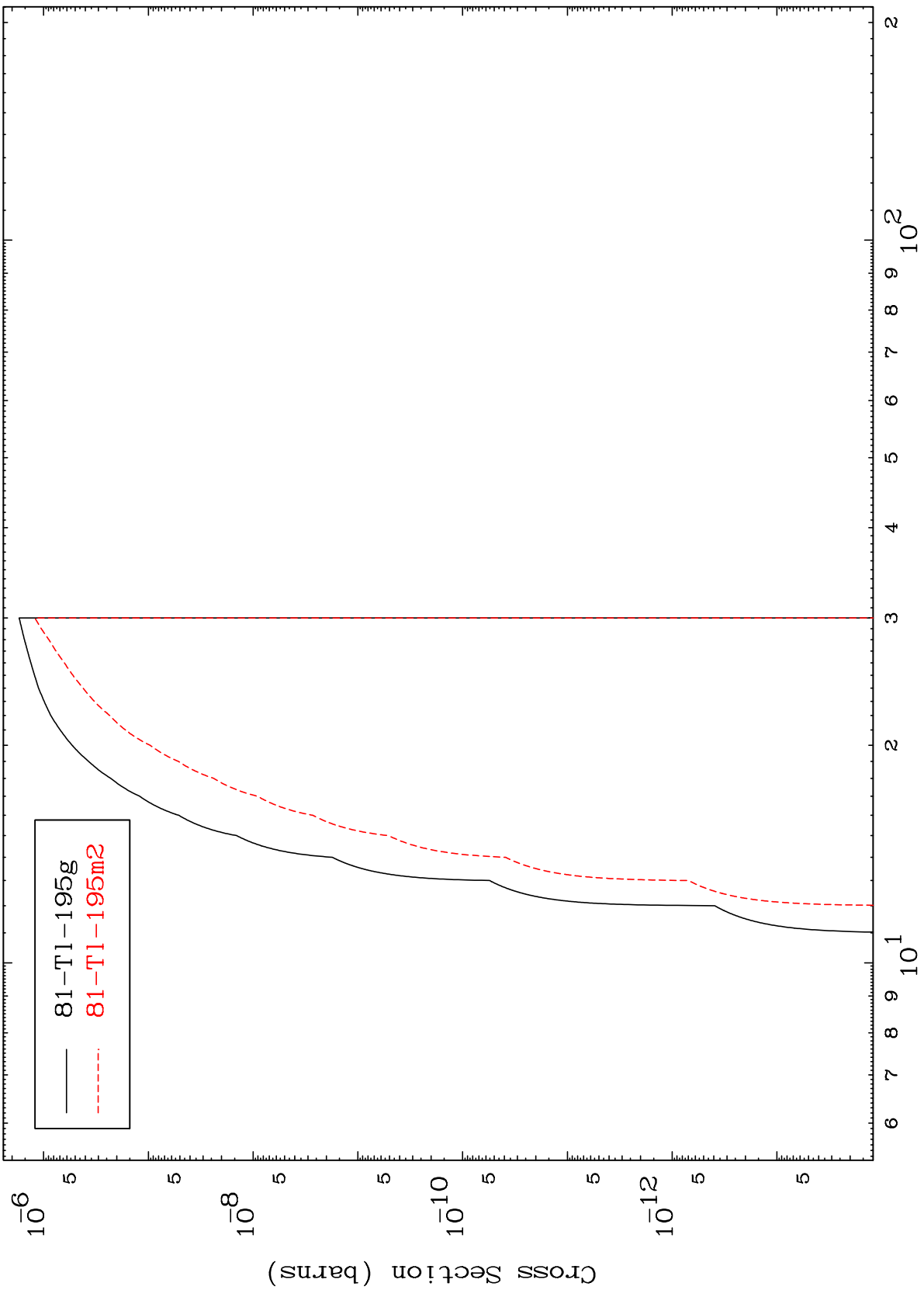
Incident Energy (MeV)

83-Bi-197

MAT 8290

83-Bi-197

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



26

Incident Energy (MeV)

83-Bi-197

Radionuclide Production Cross Section

