

Program EVALPLOT
(Version 2017-1)

by

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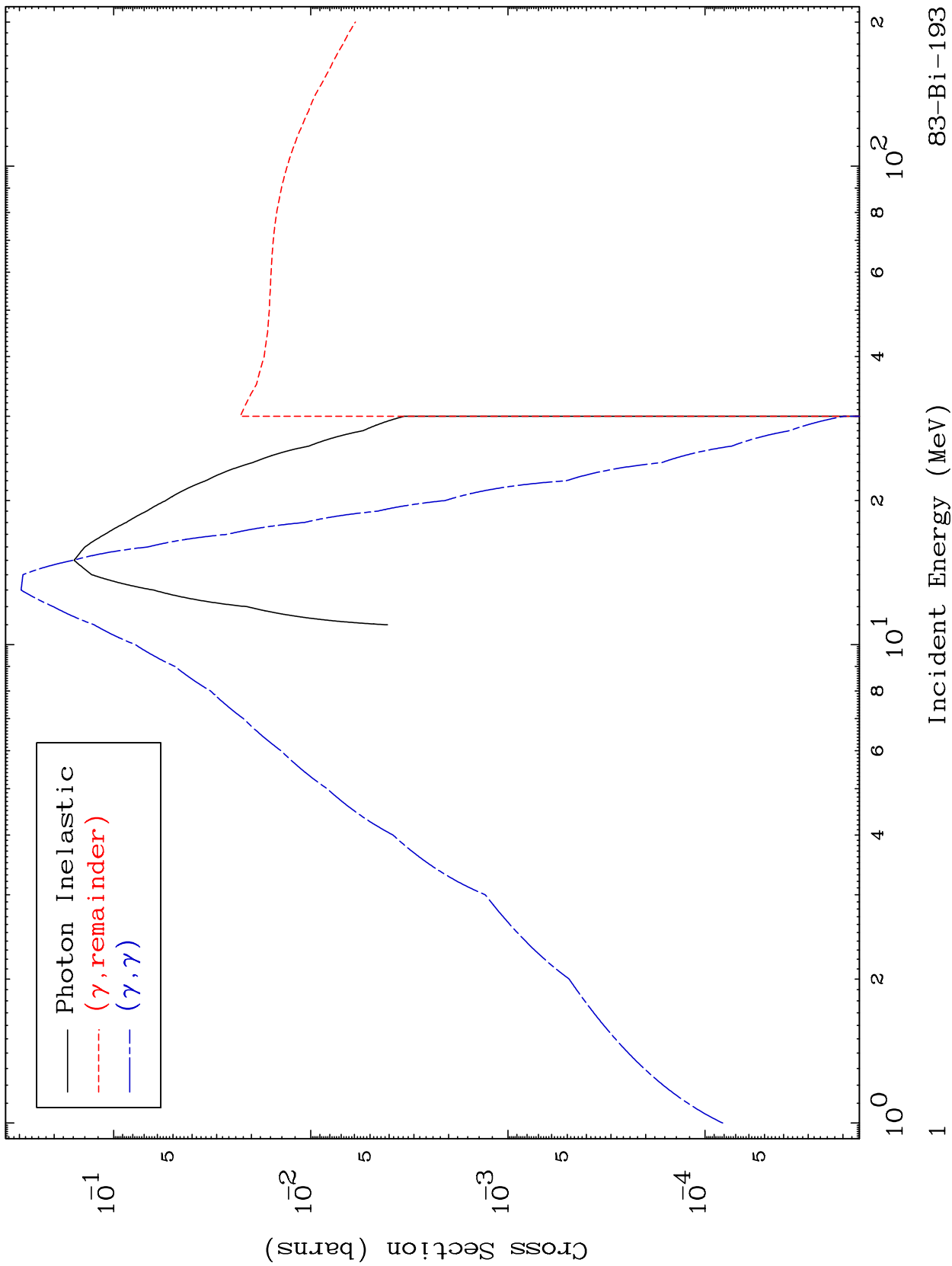
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8278

83-Bi-193

Photon Major
0 Kelvin Cross Sections



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

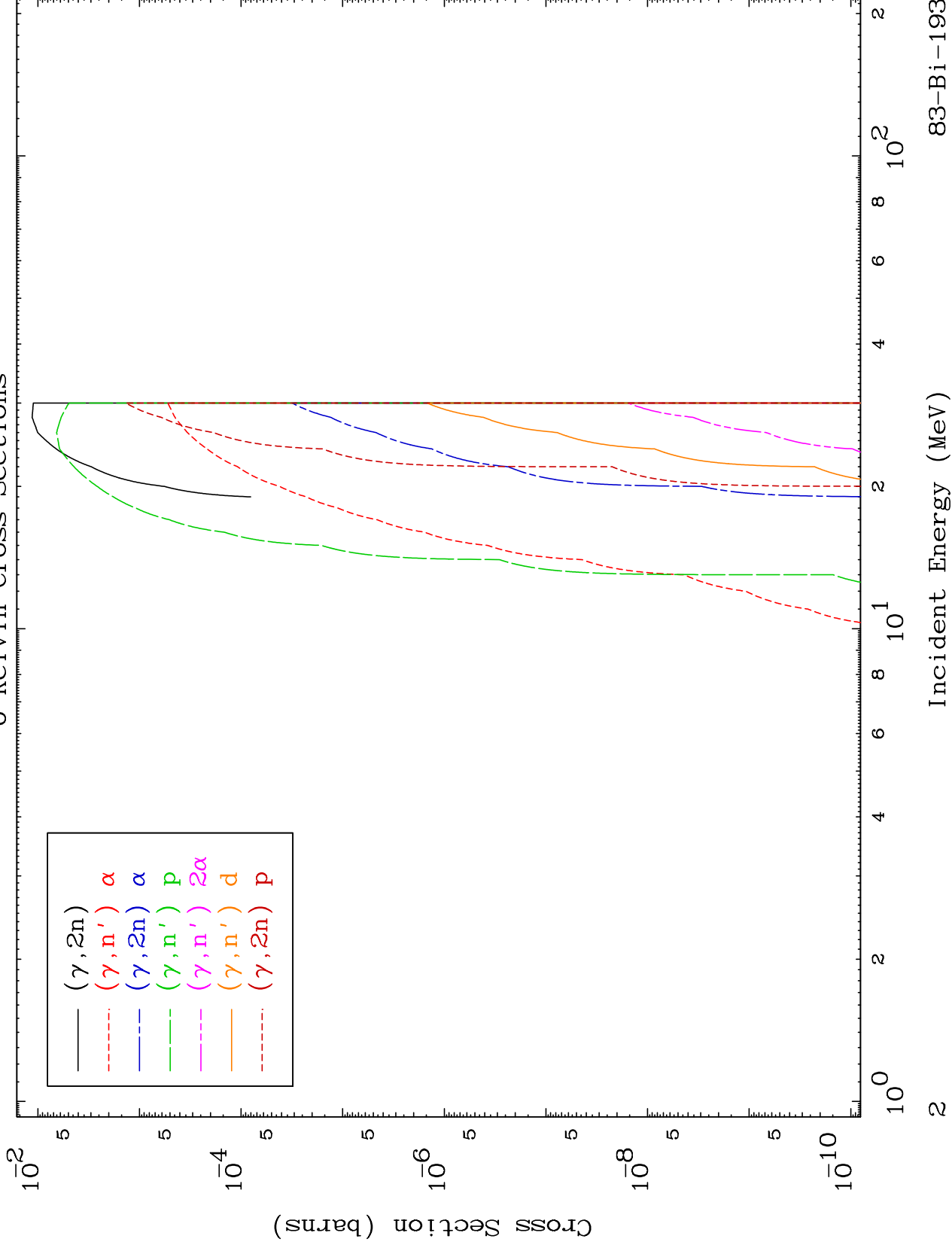
83-Bi-193

Incident Energy (MeV)

MAT 8278

Photon Neutron Production
0 Kelvin Cross Sections

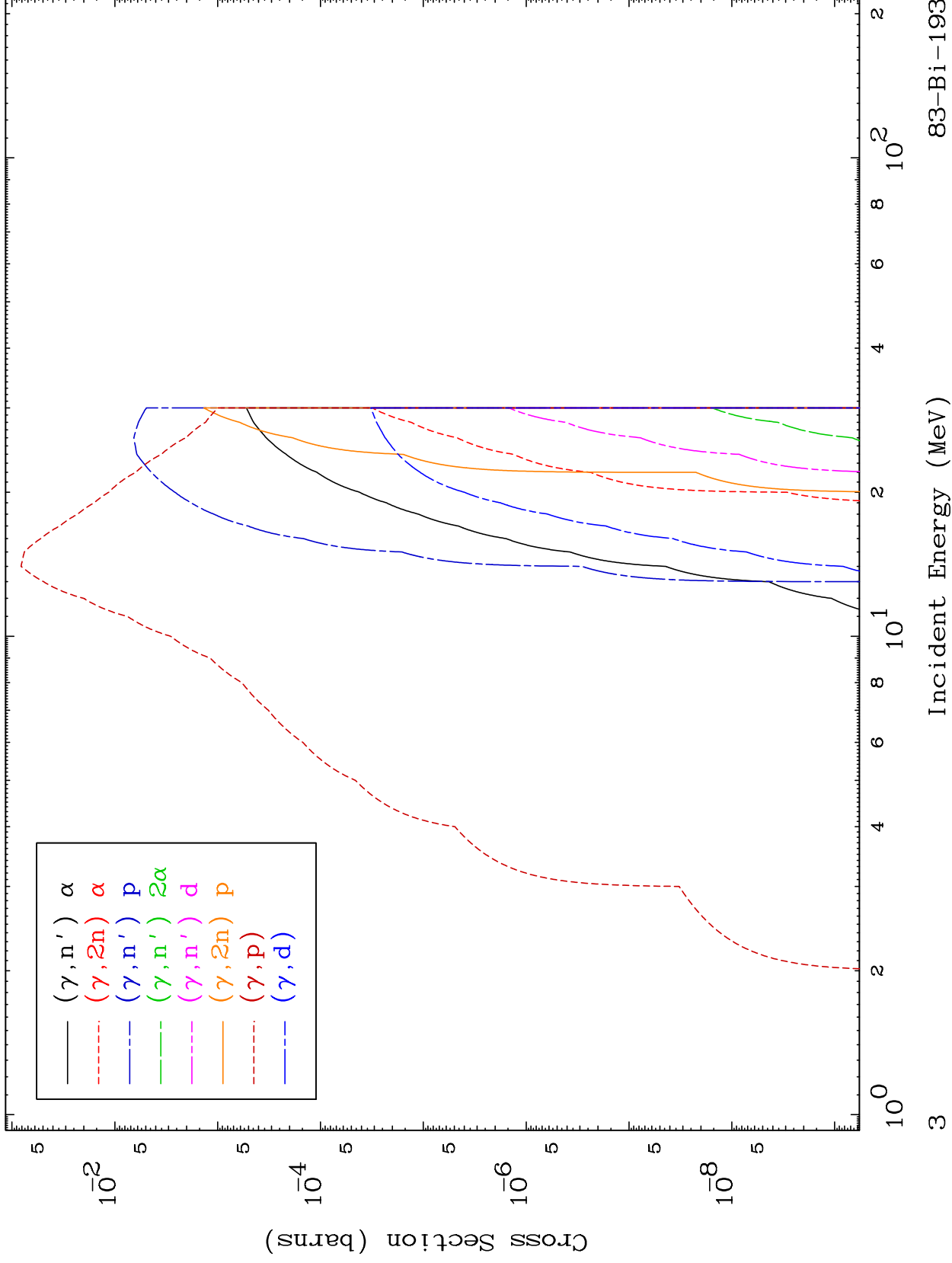
83-Bi-193



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Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-193



Incident Energy (MeV)

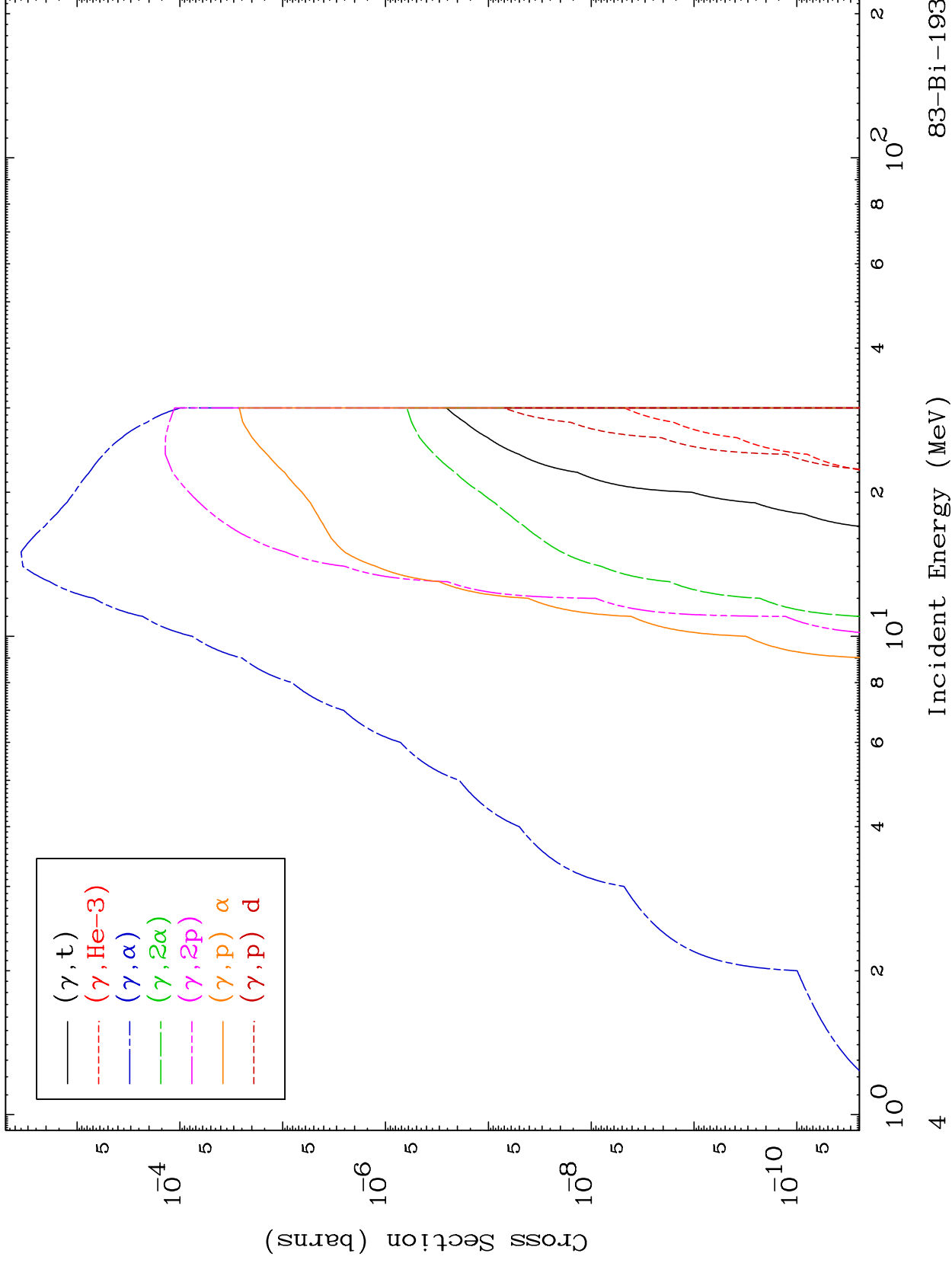
83-Bi-193

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MAT 8278

Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-193



83-Bi-193

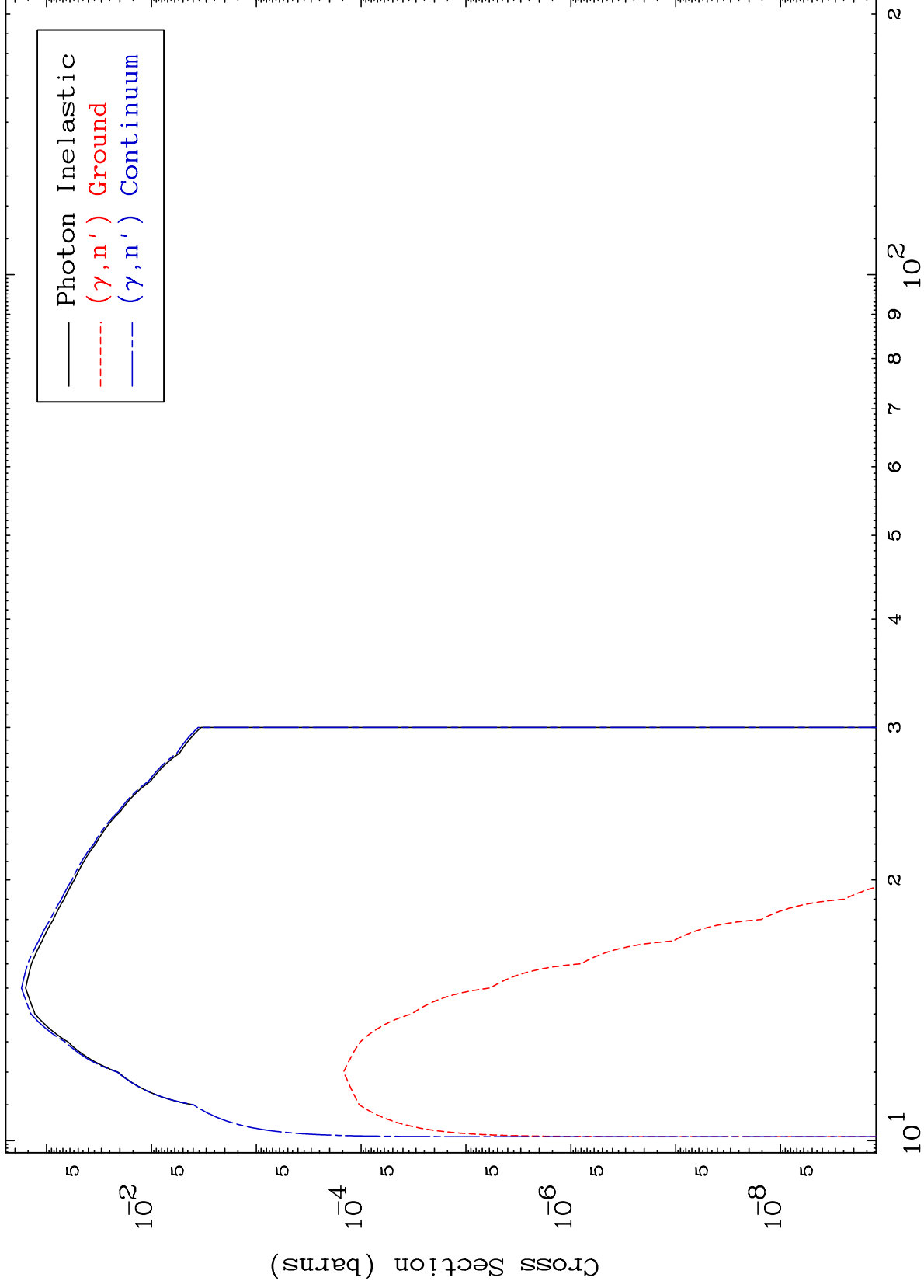
Incident Energy (MeV)

MAT 8278

(γ, n') Level

83-Bi-193

0 Kelvin Cross Sections



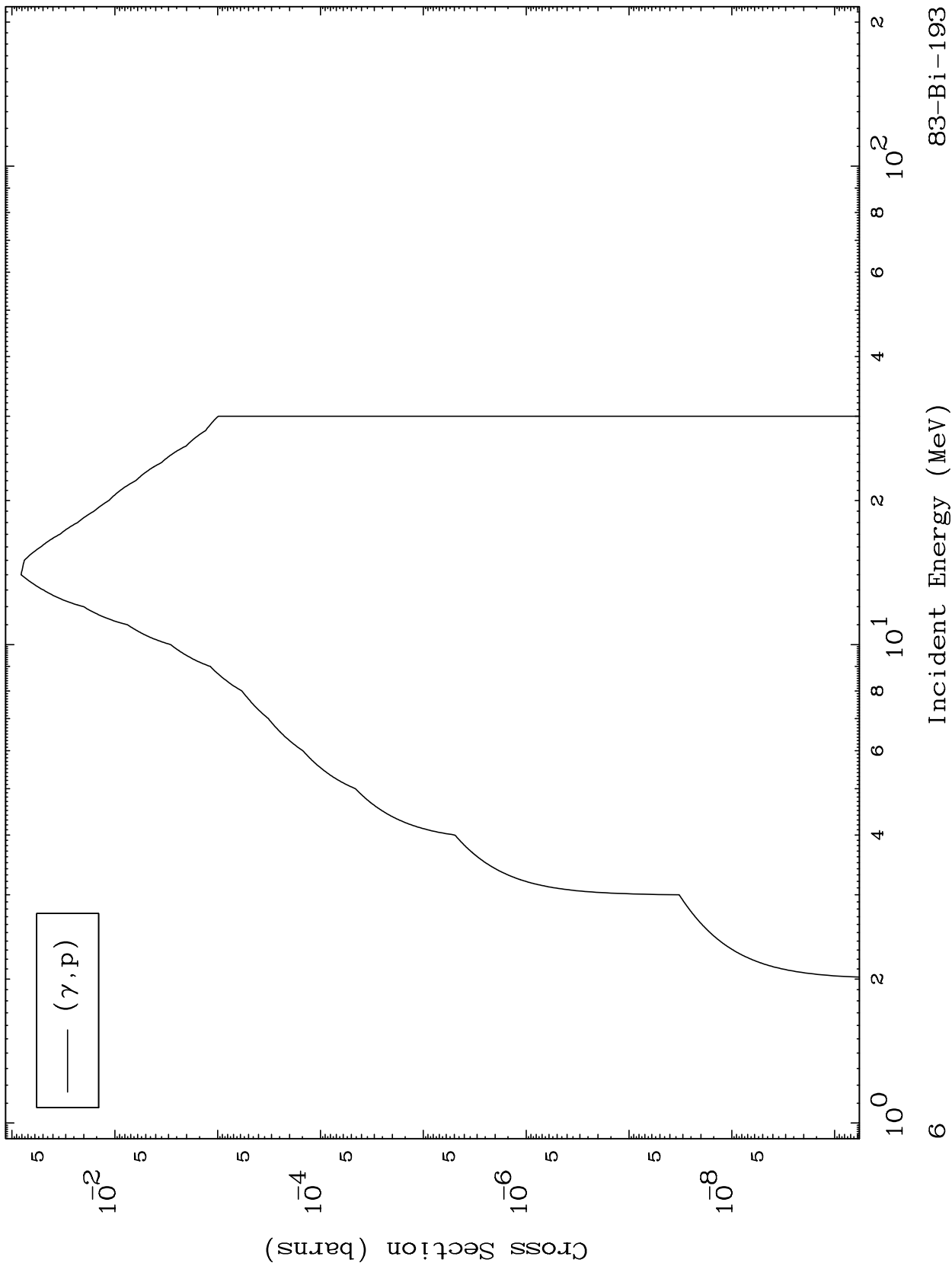
Incident Energy (MeV)

83-Bi-193

MAT 8278

83-Bi-193

(γ, p) Levels
0 Kelvin Cross Sections



83-Bi-193

Incident Energy (MeV)

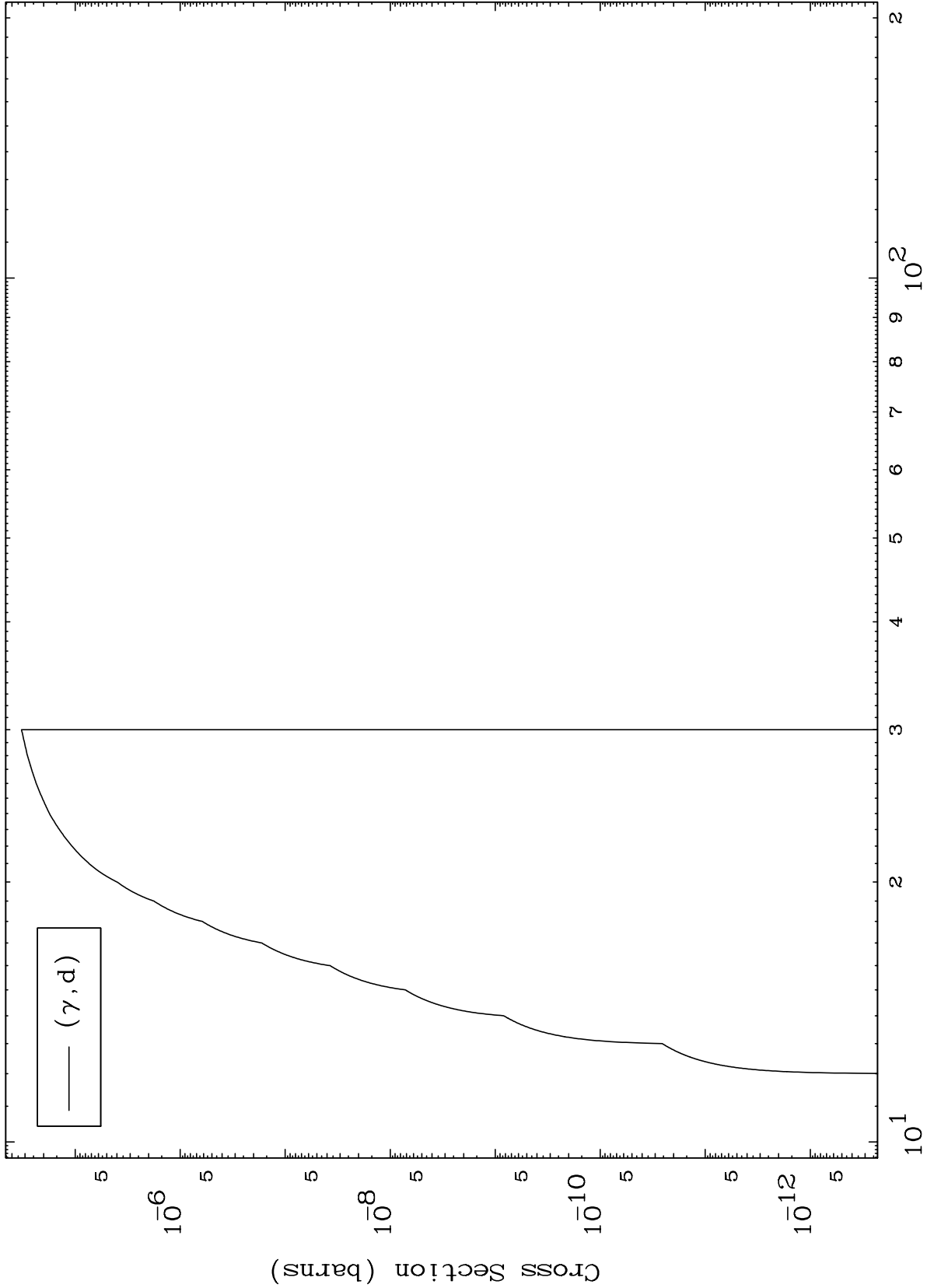
6

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(γ, d) Levels

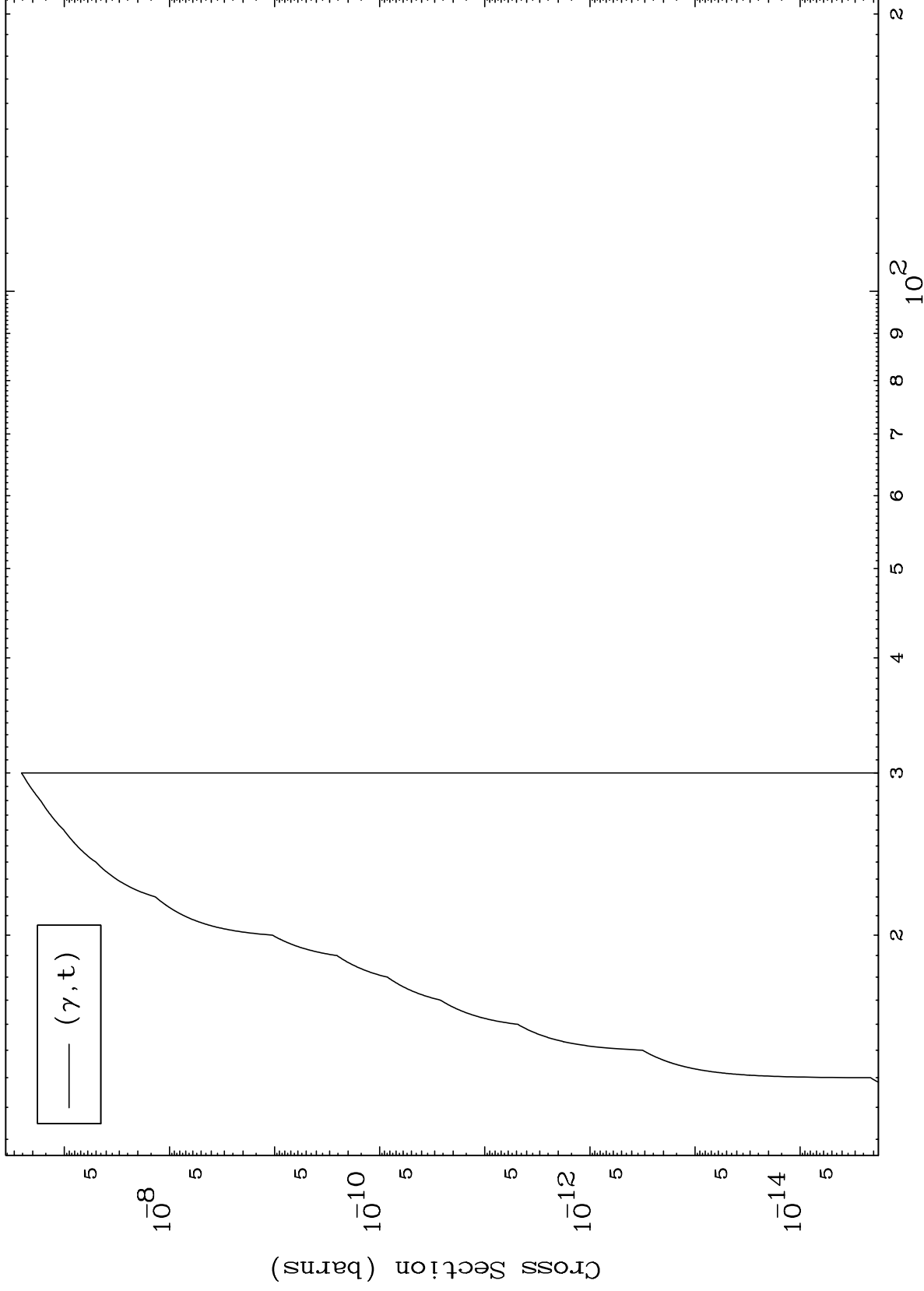
83-Bi-193

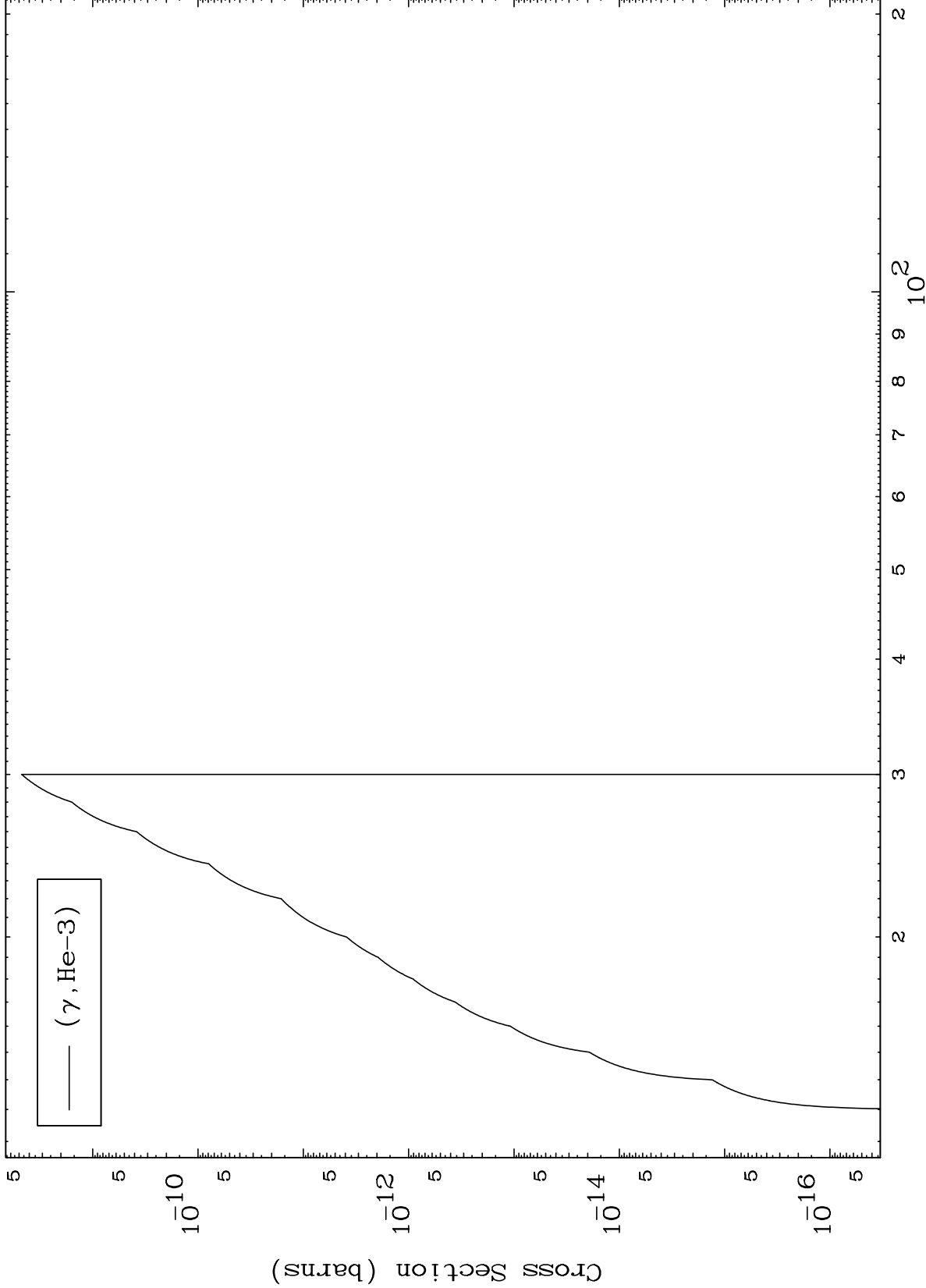
0 Kelvin Cross Sections



Incident Energy (MeV)

83-Bi-193



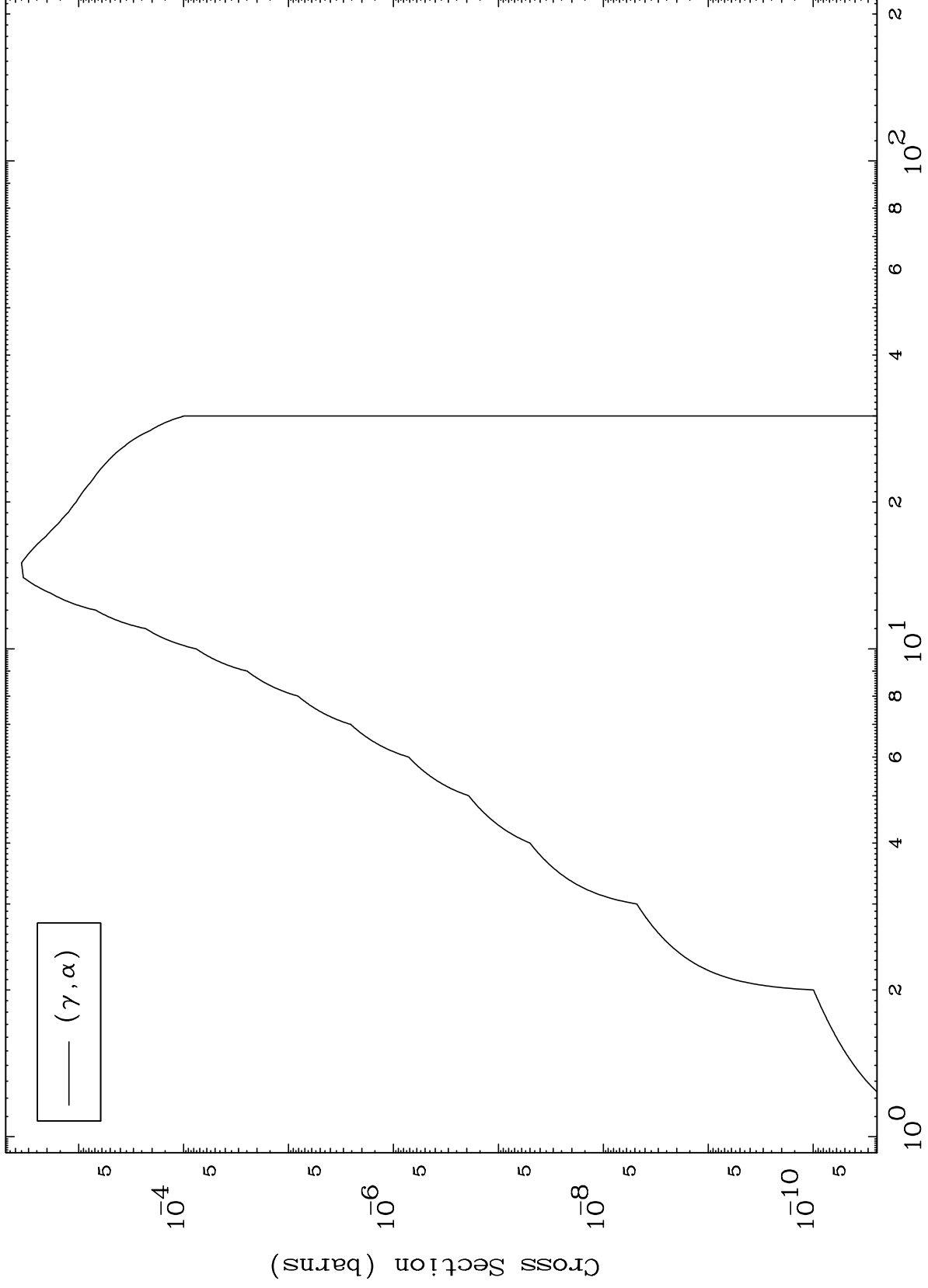


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(γ, α) Levels

83-Bi-193

0 Kelvin Cross Sections



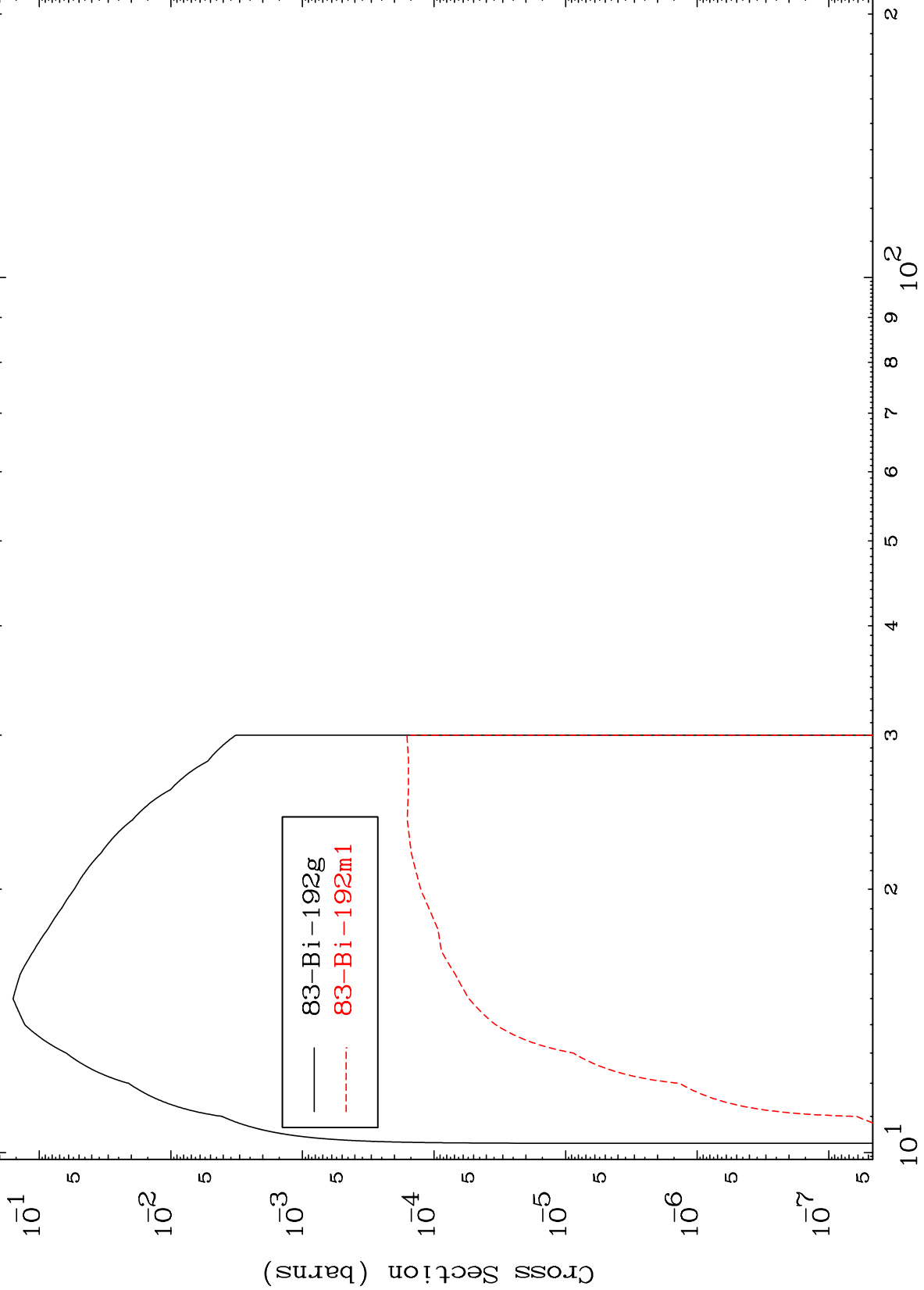
Incident Energy (MeV)

83-Bi-193

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Photon Inelastic
Radionuclide Production Cross Section

83-Bi-193



83-Bi-193

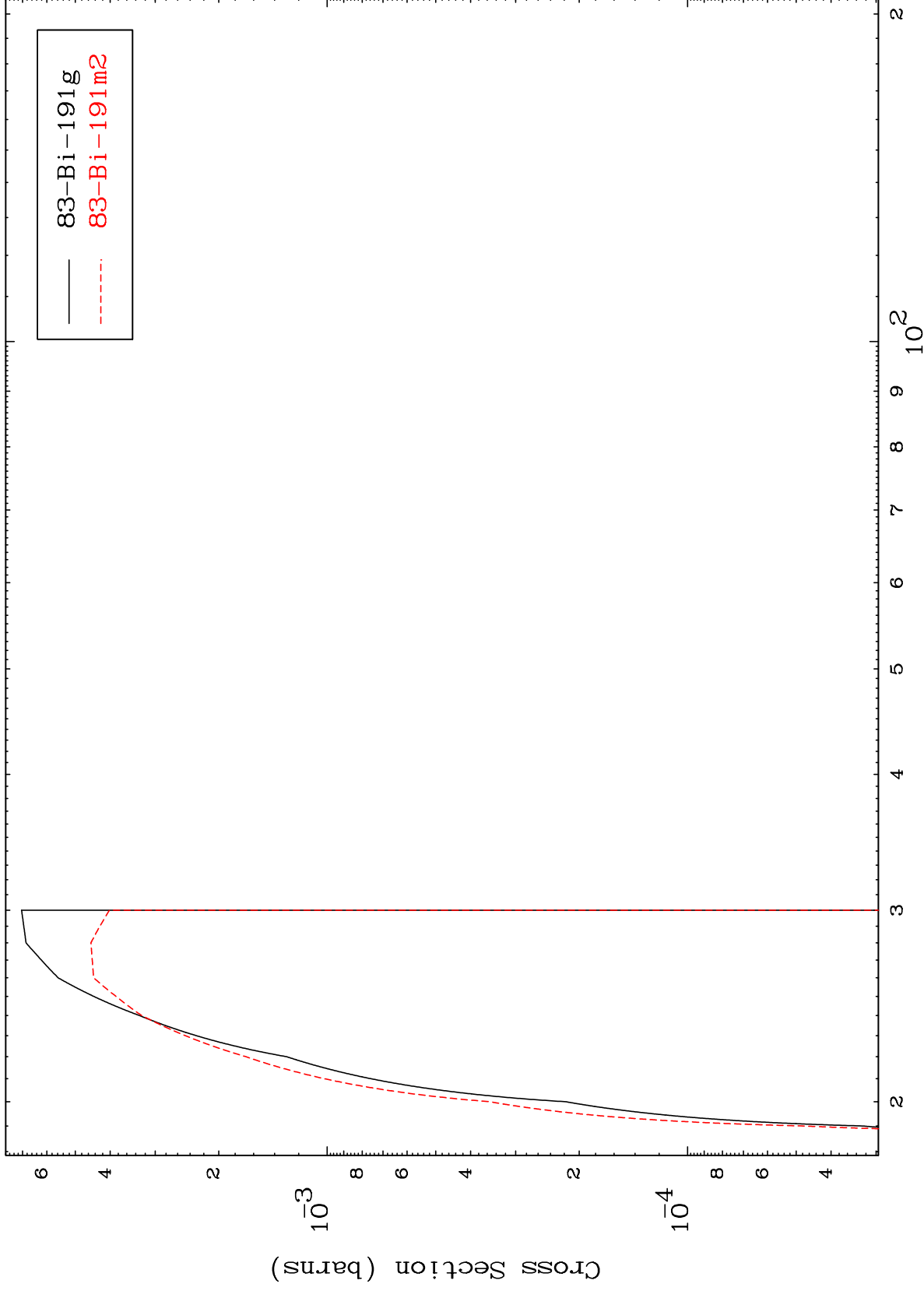
Incident Energy (MeV)

11

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83-Bi-193

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



12

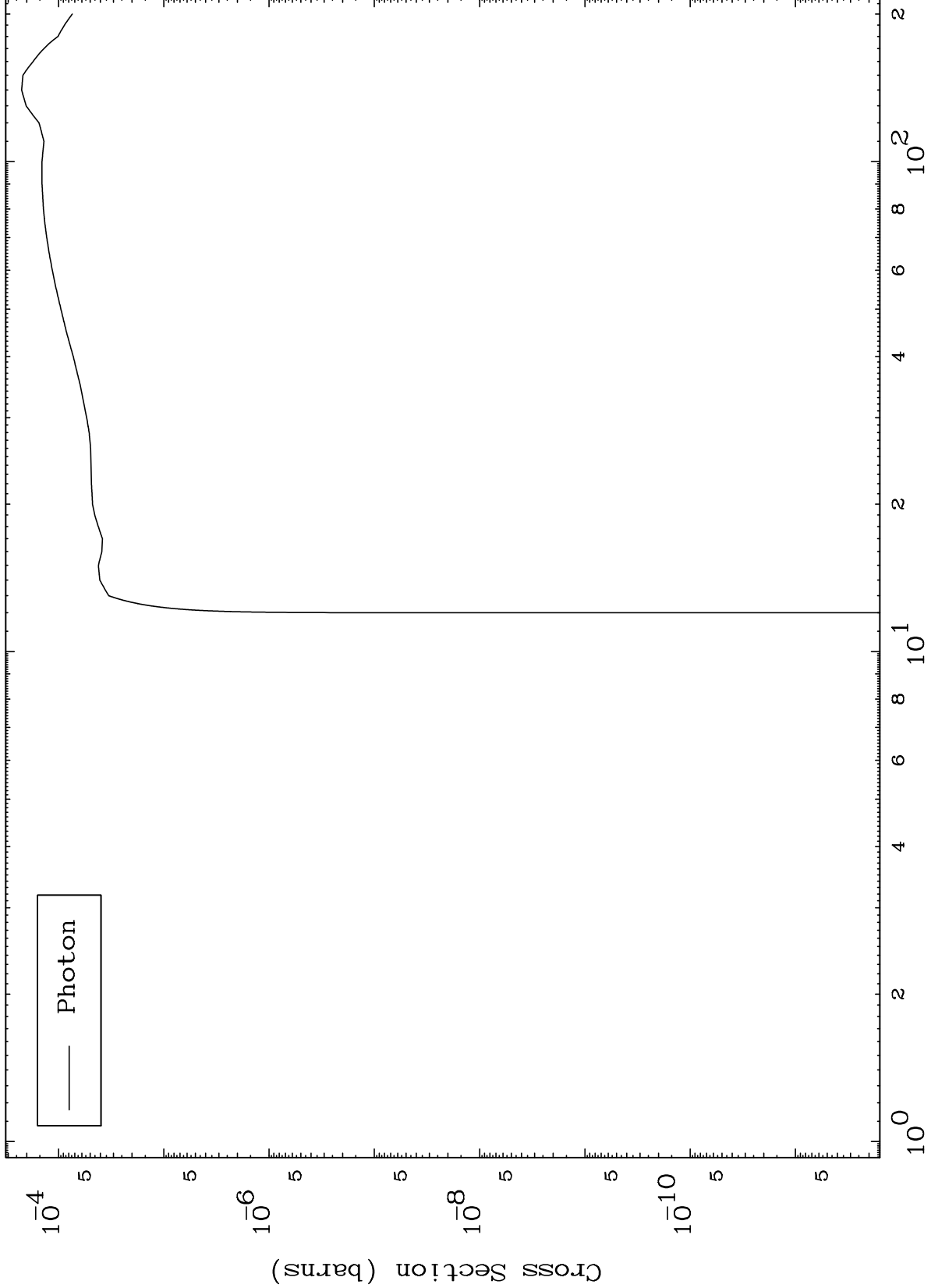
83-Bi-193

Incident Energy (MeV)

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83-Bi-193

Photon Fission
Radionuclide Production Cross Section



Incident Energy (MeV)

83-Bi-193

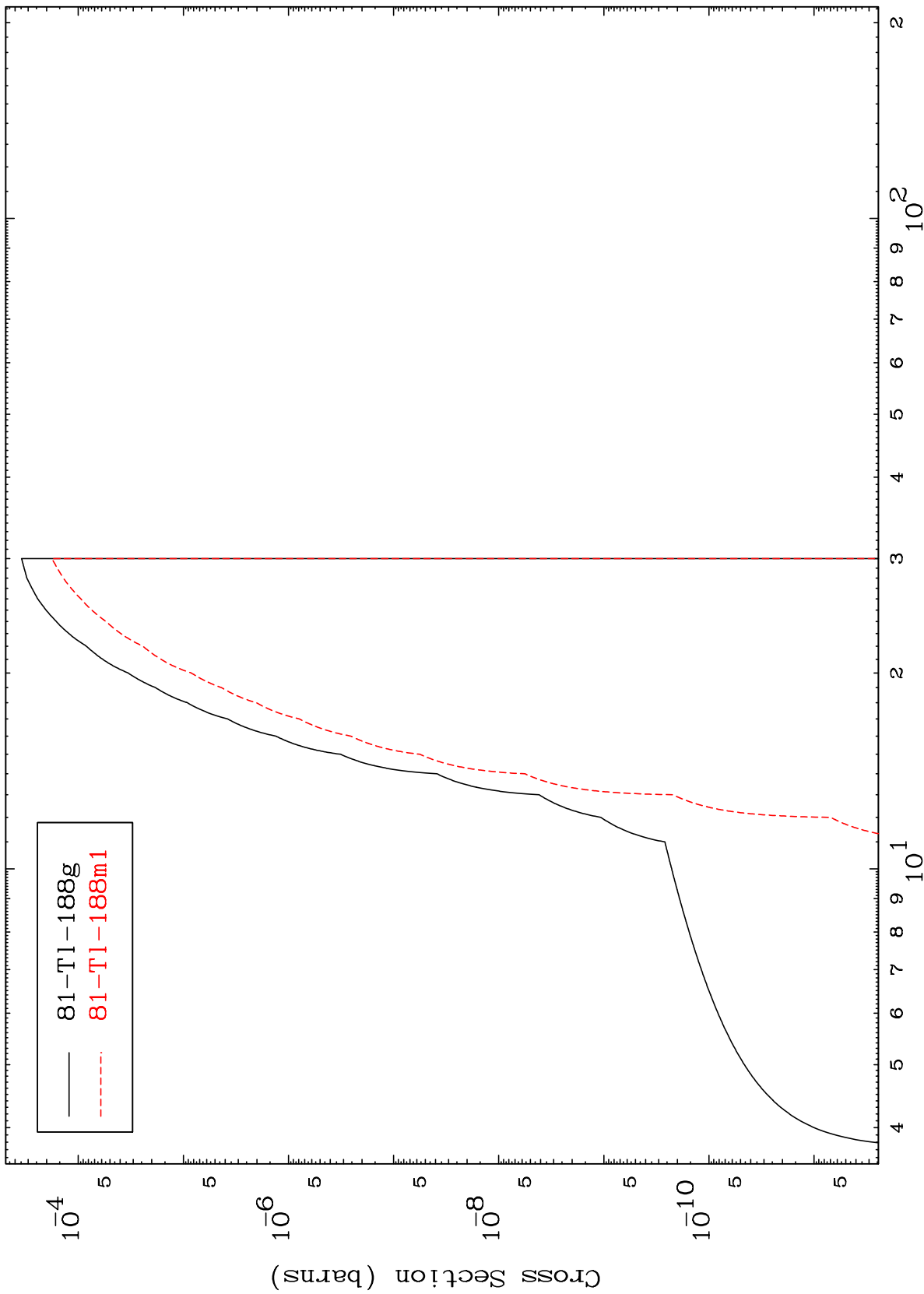
13

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83-Bi-193

(γ, n') α

Radionuclide Production Cross Section



83-Bi-193

Incident Energy (MeV)

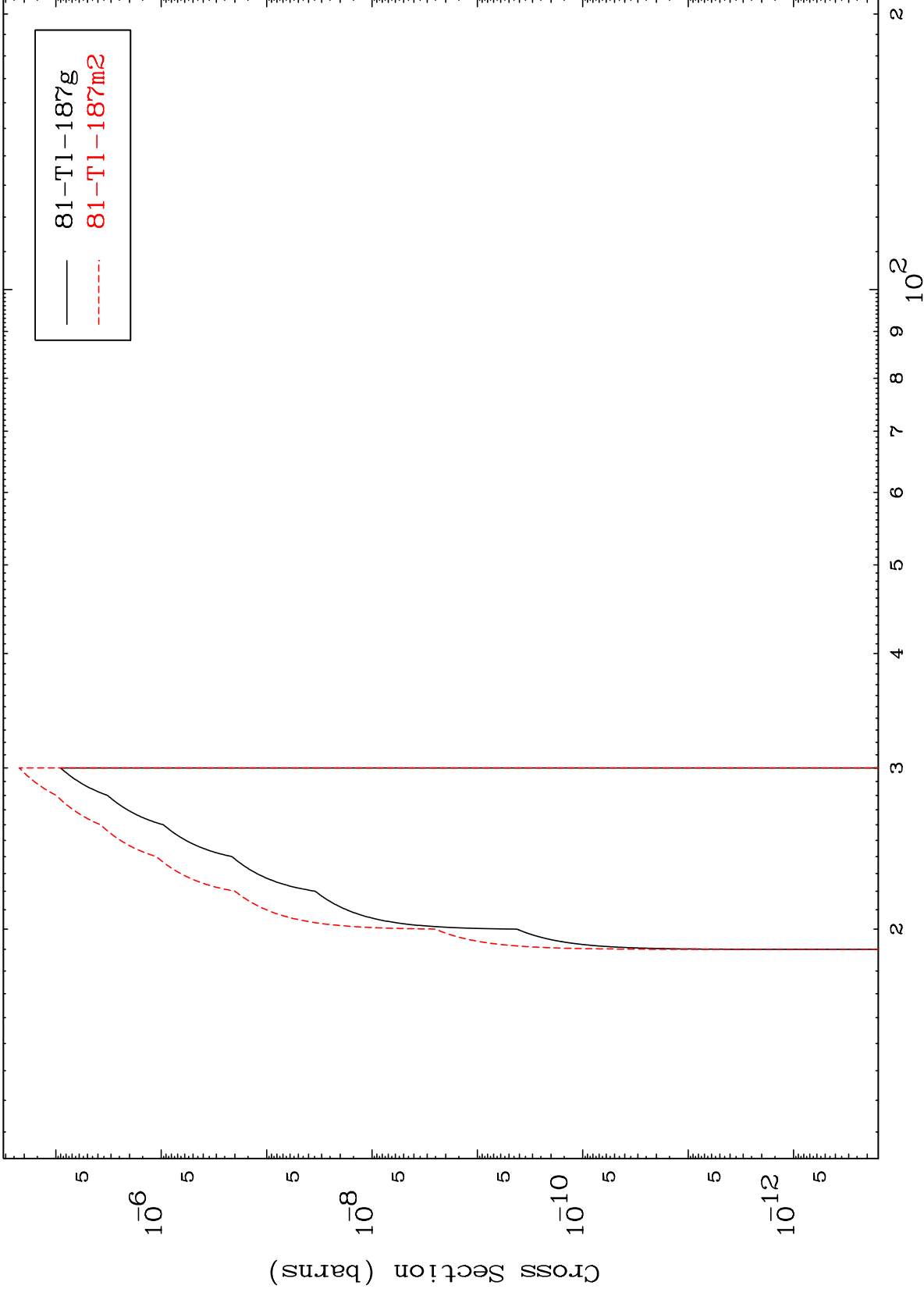
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$(\gamma, 2n) \alpha$

83-Bi-193

Radionuclide Production Cross Section



81-Tl-187g
81-Tl-187m2

15

Incident Energy (MeV)

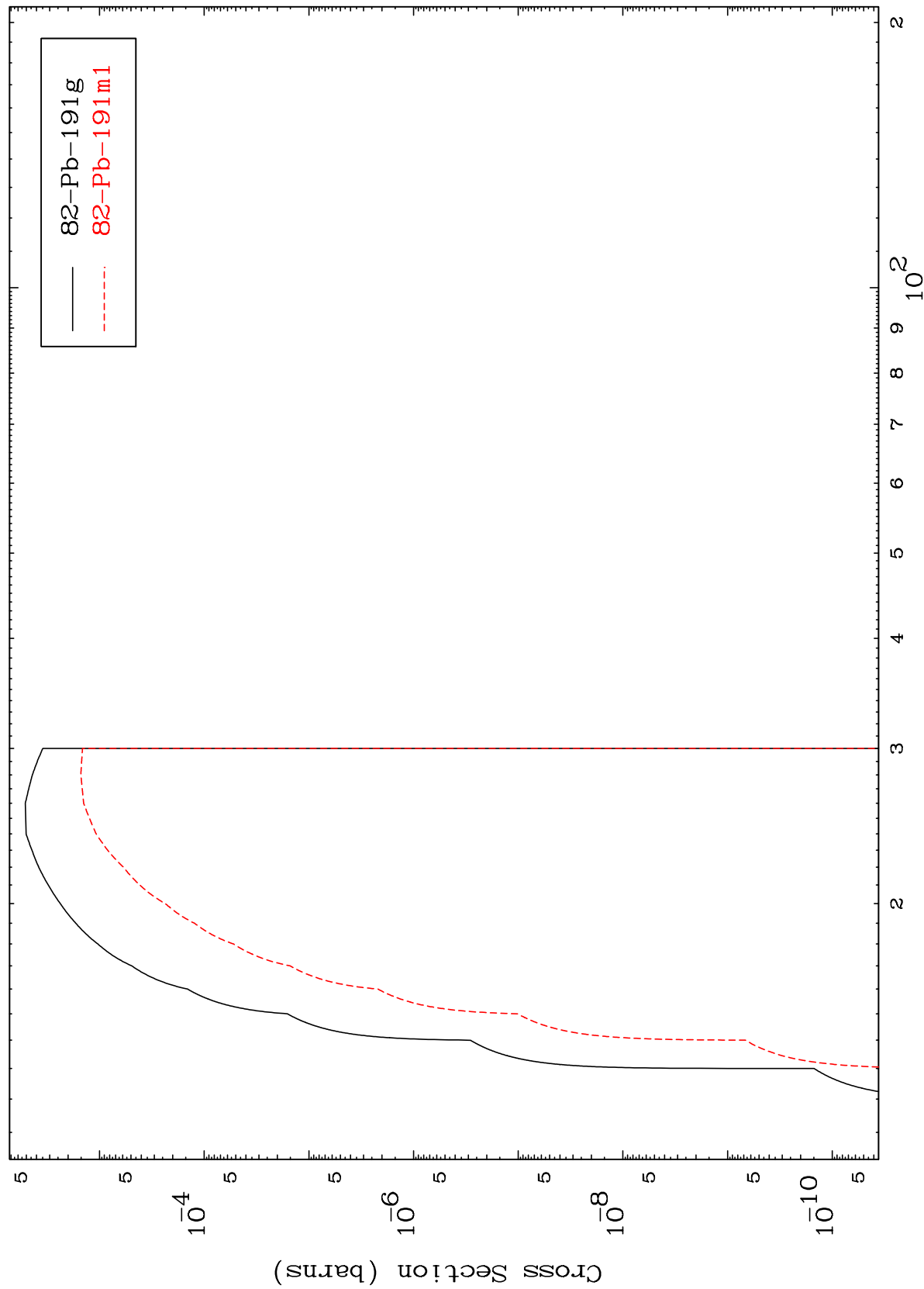
83-Bi-193

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(γ, n') p

83-Bi-193

Radionuclide Production Cross Section



16

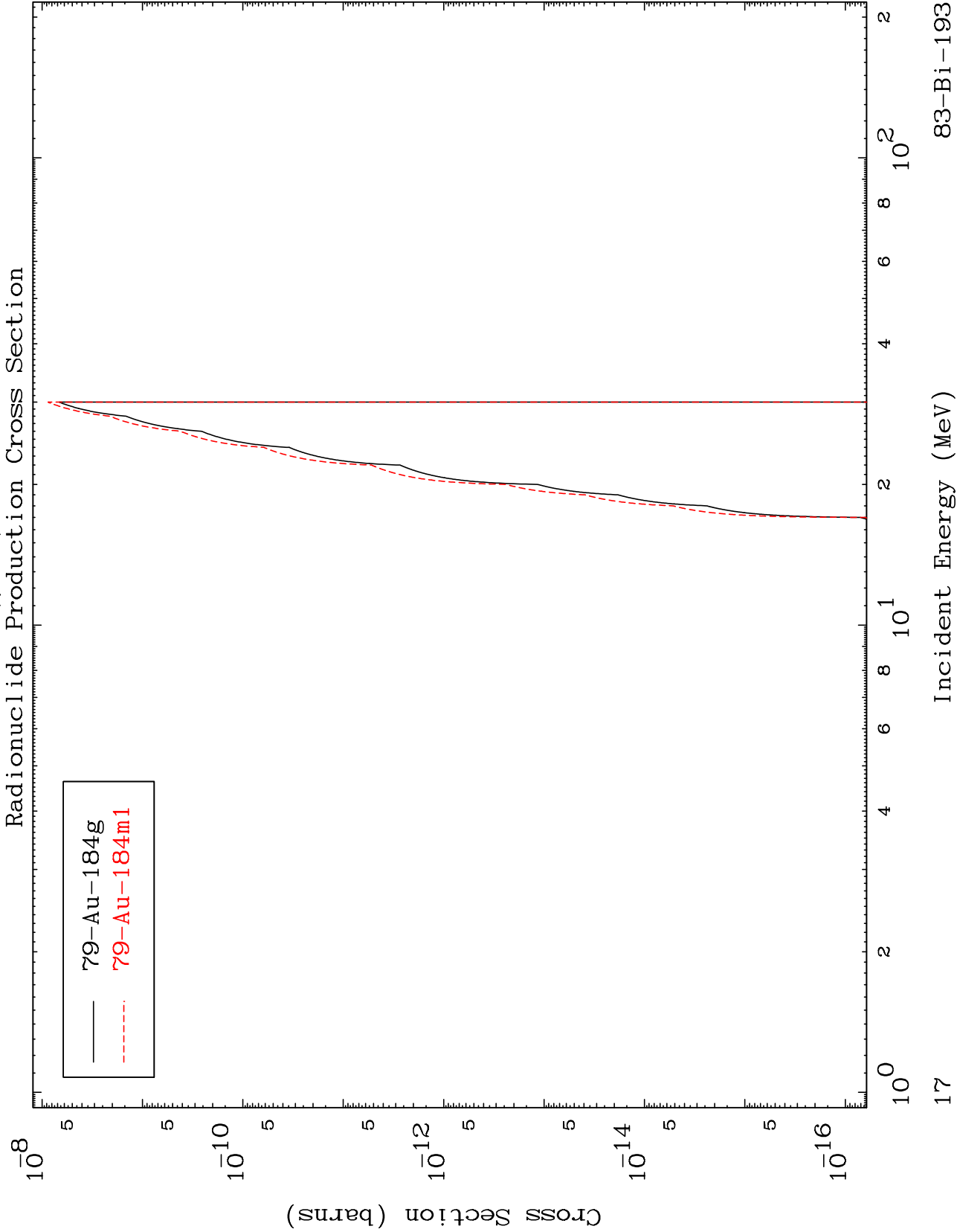
Incident Energy (MeV)

83-Bi-193

MAT 8278

(γ, n') 2α

83-Bi-193



79-Au-184g
79-Au-184m1

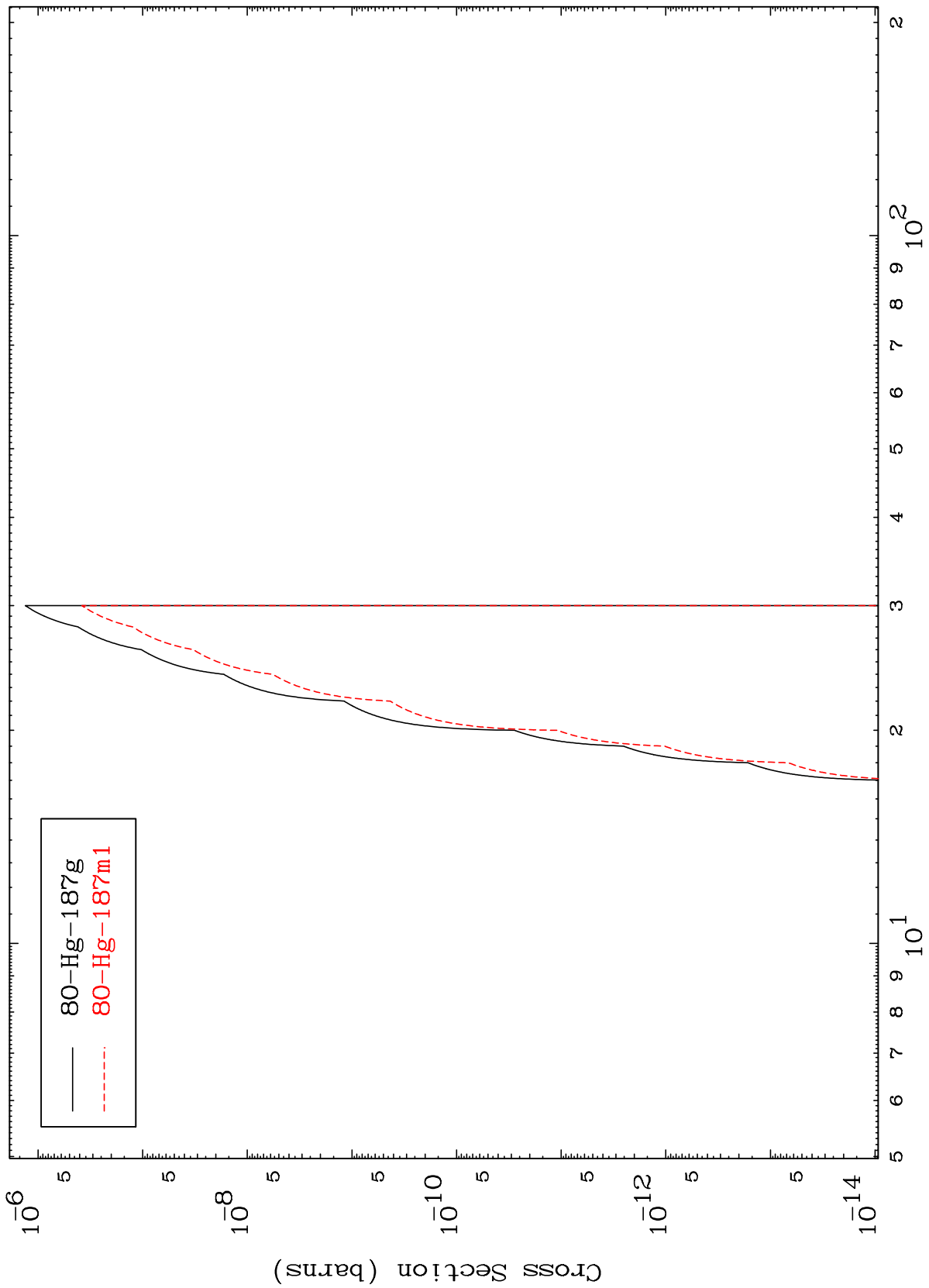
17

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(γ, n') p α

83-Bi-193

Radionuclide Production Cross Section



18

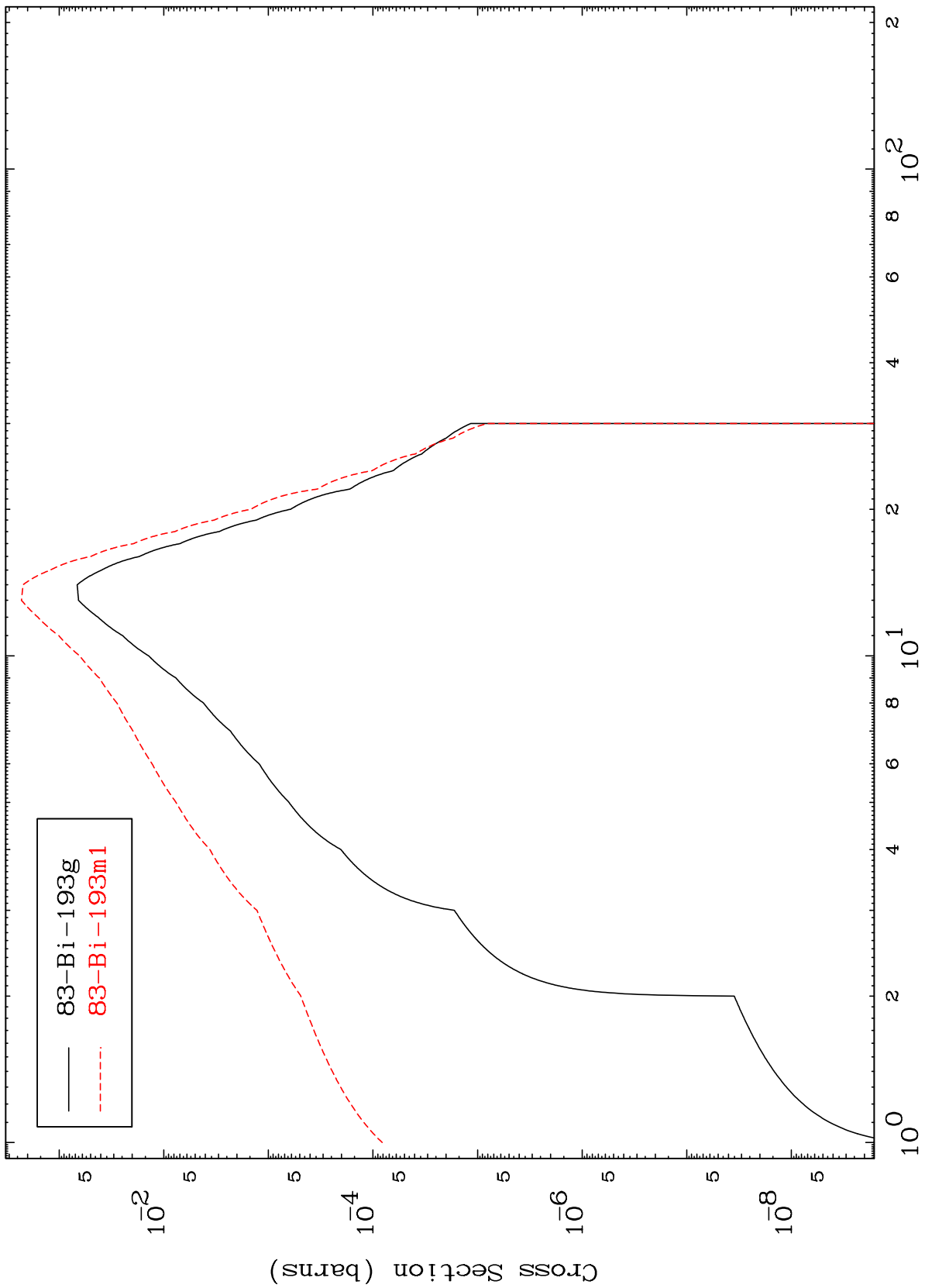
Incident Energy (MeV)

83-Bi-193

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83-Bi-193

Radionuclide Production Cross Section
(γ, γ)



83-Bi-193g
83-Bi-193m1

83-Bi-193

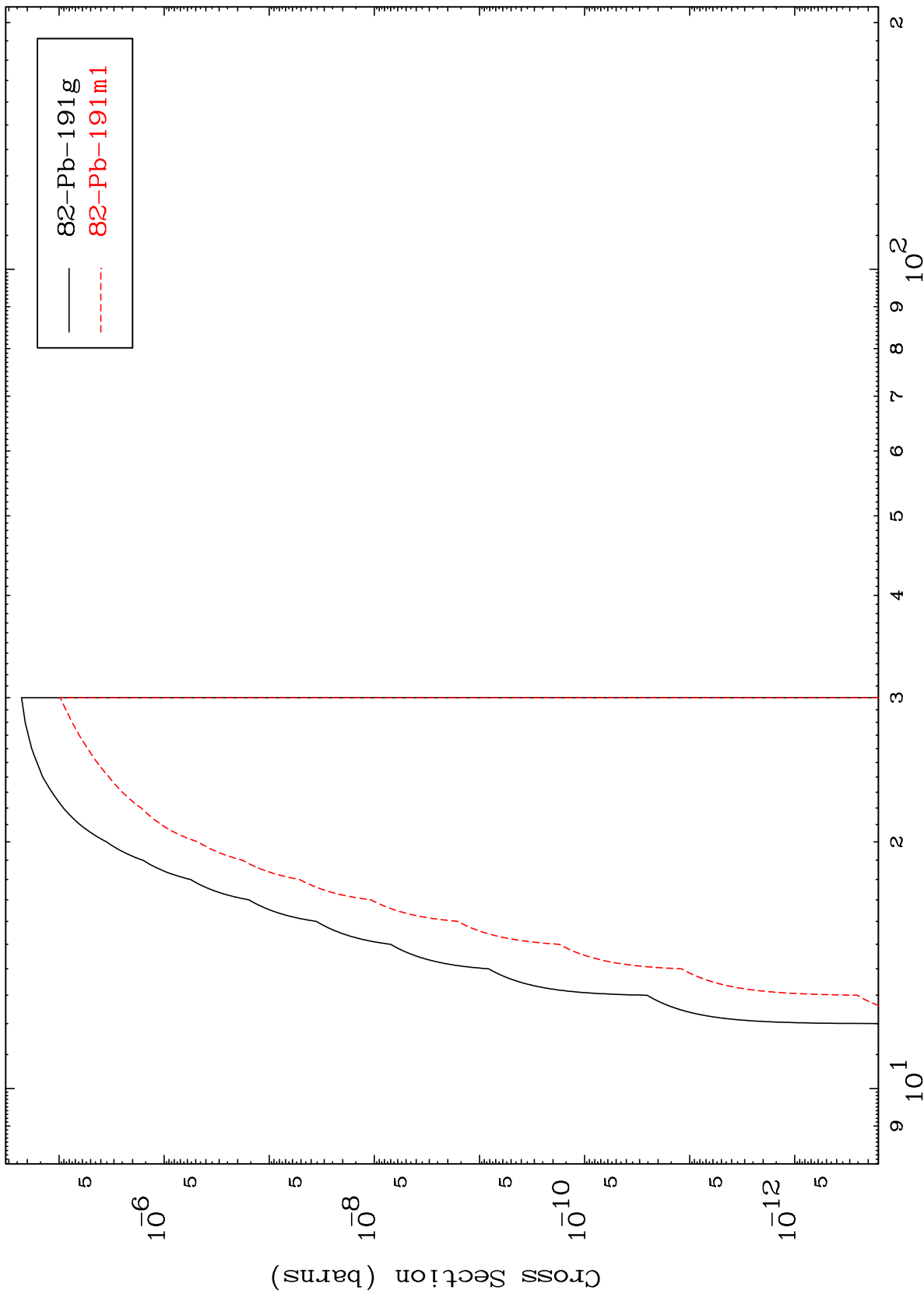
Incident Energy (MeV)

19

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83-Bi-193

(γ, d)
Radionuclide Production Cross Section



20

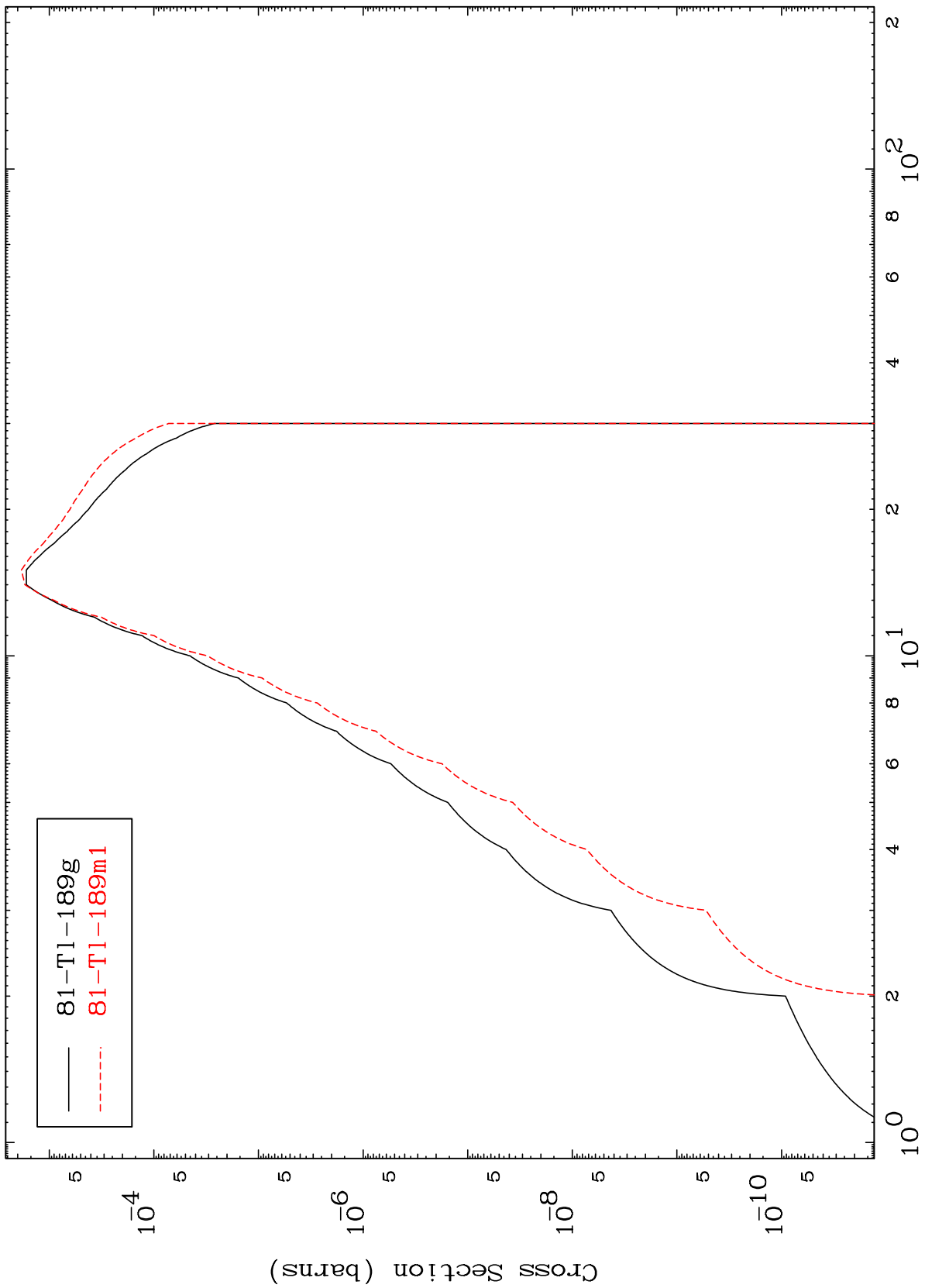
Incident Energy (MeV)

83-Bi-193

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83-Bi-193

Radionuclide Production Cross Section
(γ, α)



21

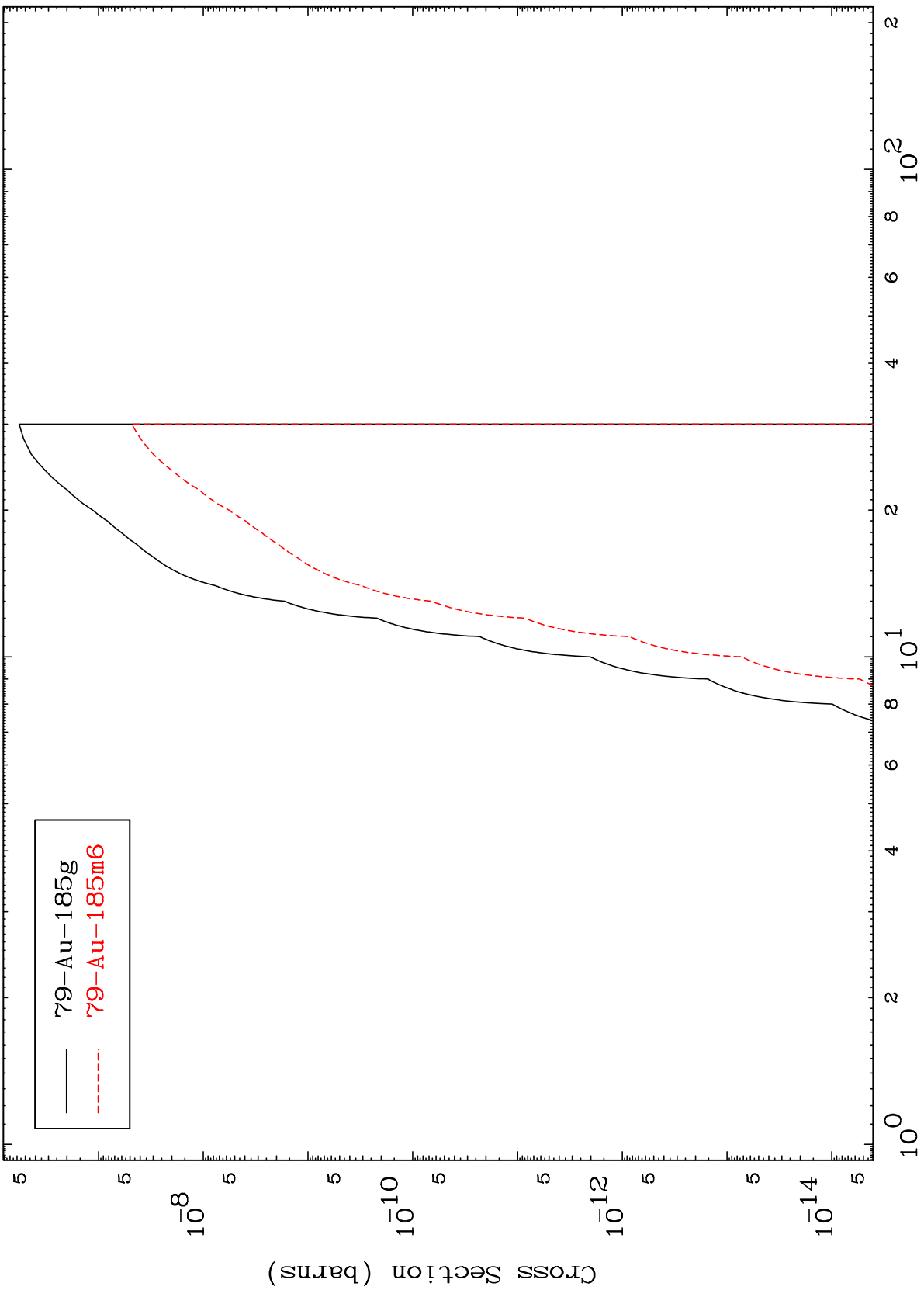
Incident Energy (MeV)

83-Bi-193

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83-Bi-193

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



22

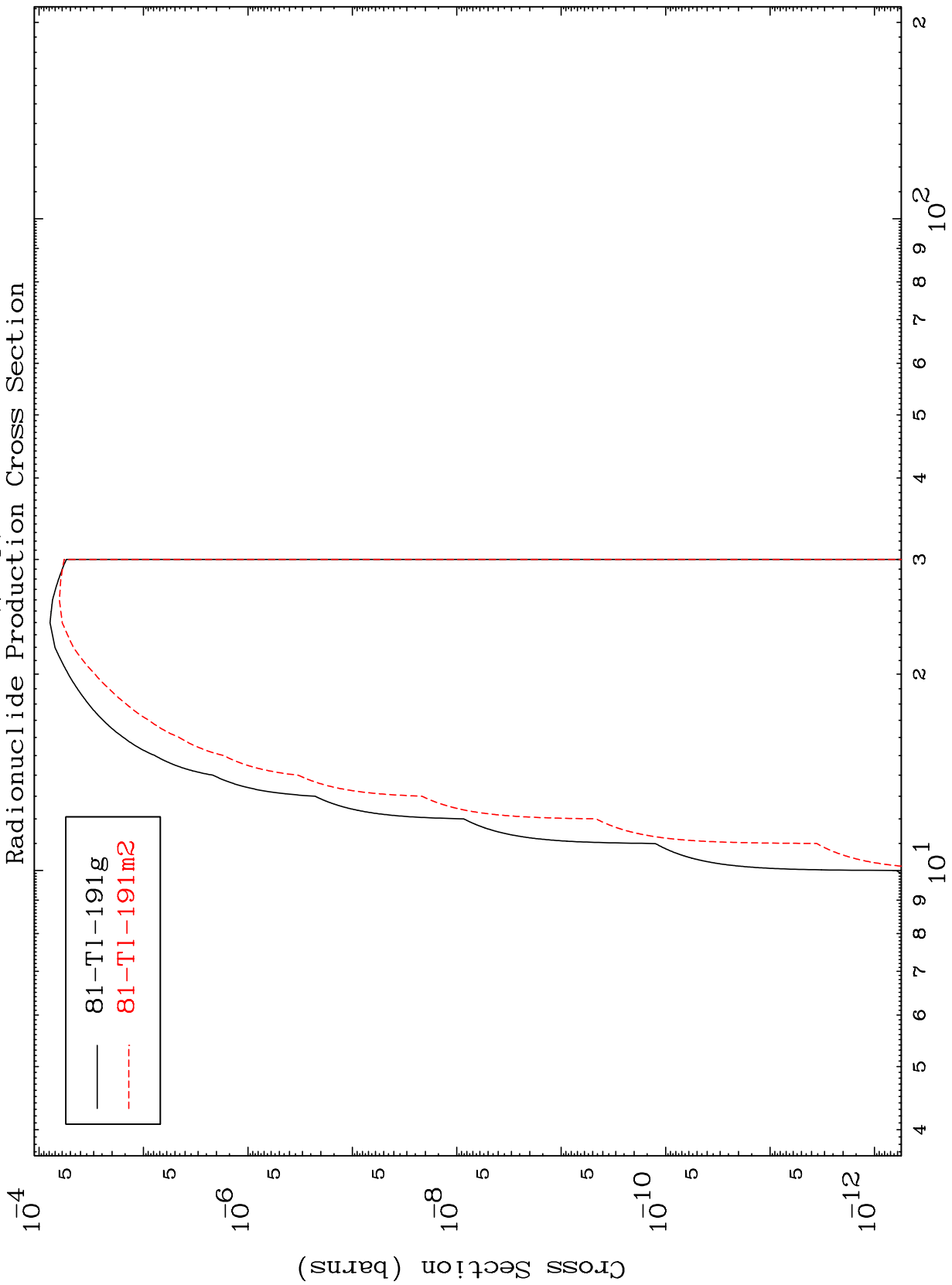
Incident Energy (MeV)

83-Bi-193

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83-Bi-193

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



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

83-Bi-193

Incident Energy (MeV)

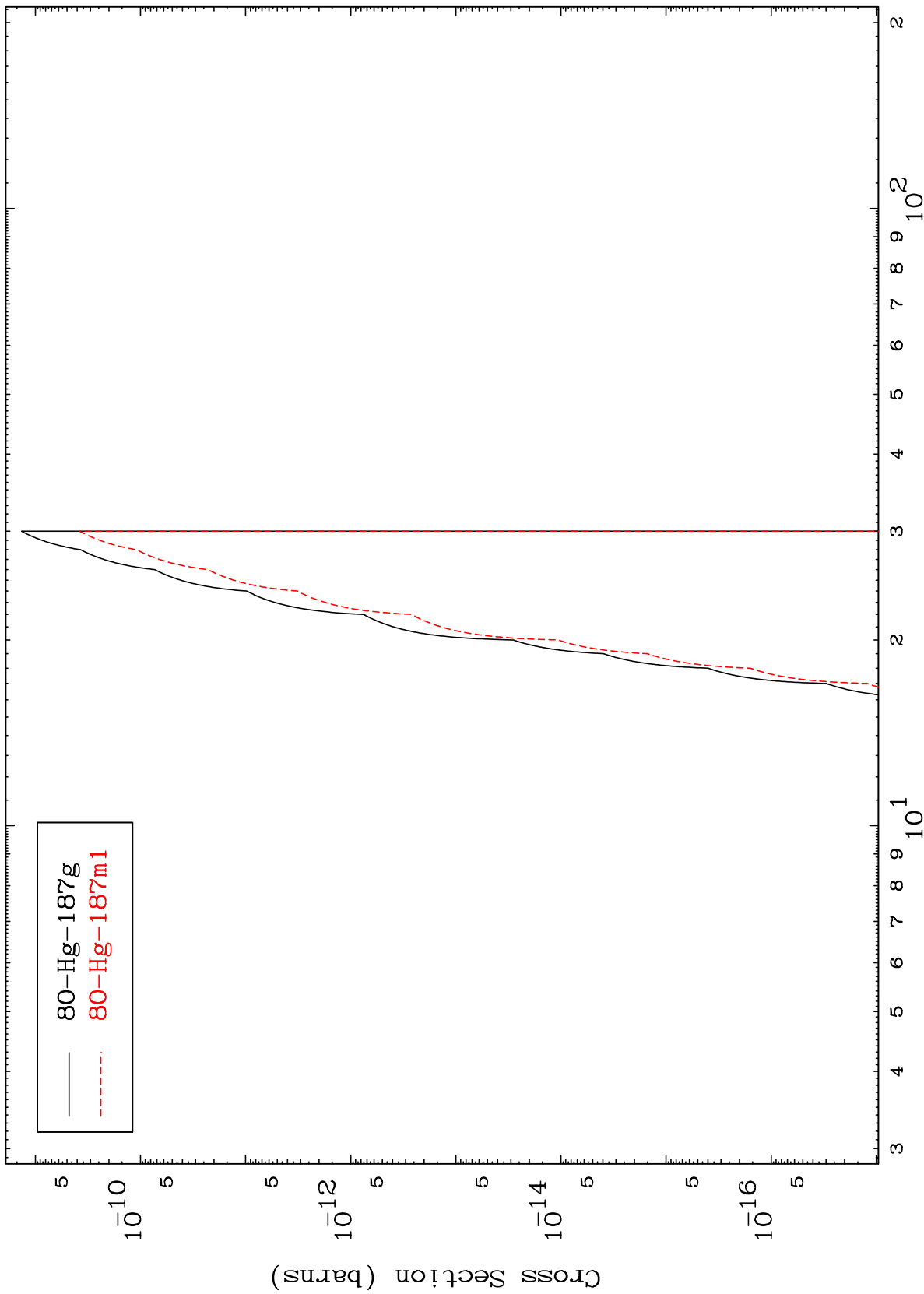
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(γ, d) α

83-Bi-193

Radionuclide Production Cross Section



24

Incident Energy (MeV)

83-Bi-193