

Program EVALPLOT
(Version 2018-1)

by

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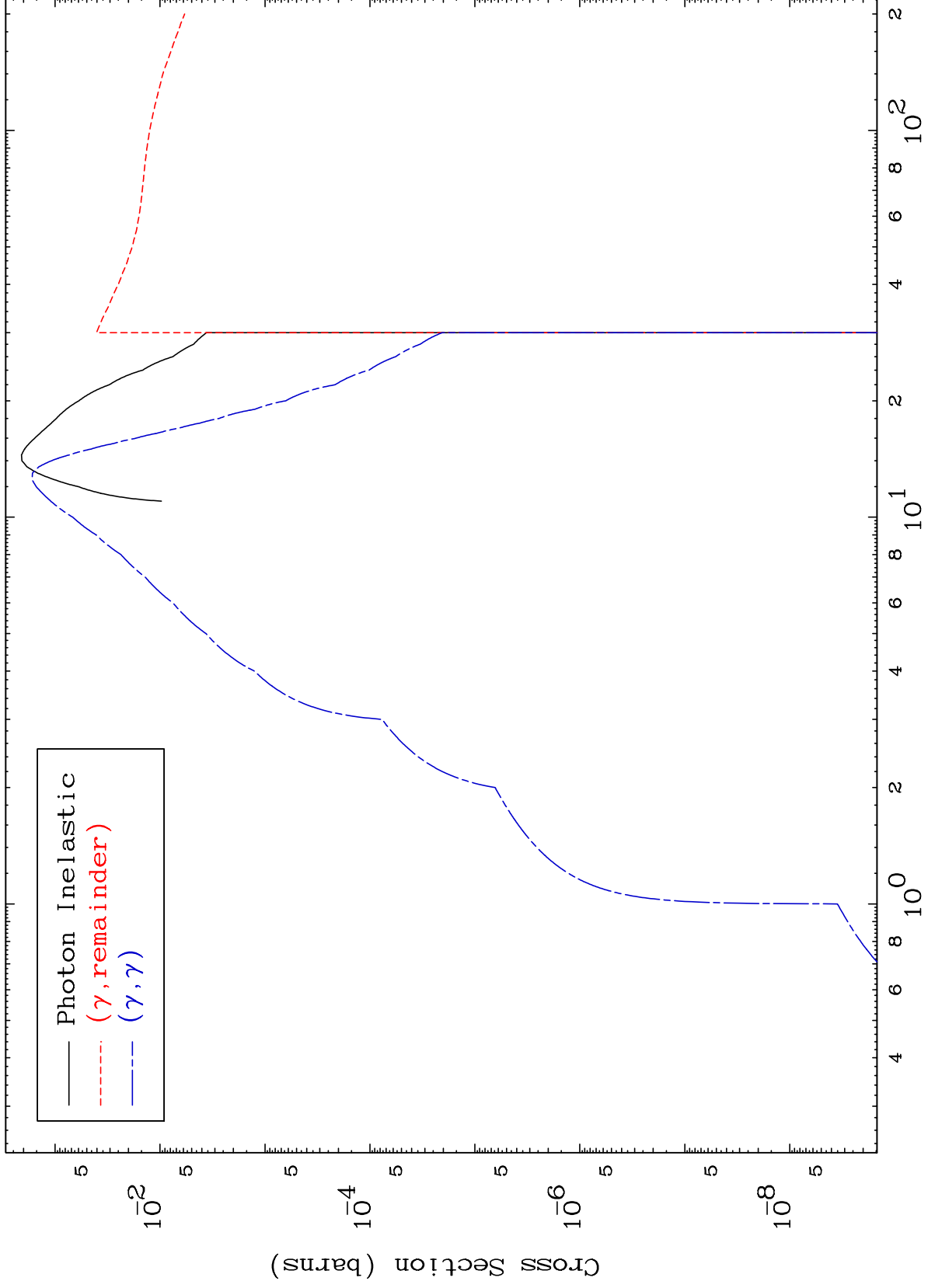
Press Mouse Button to Start

MAT 8283

Photon Major

83-Bi-195

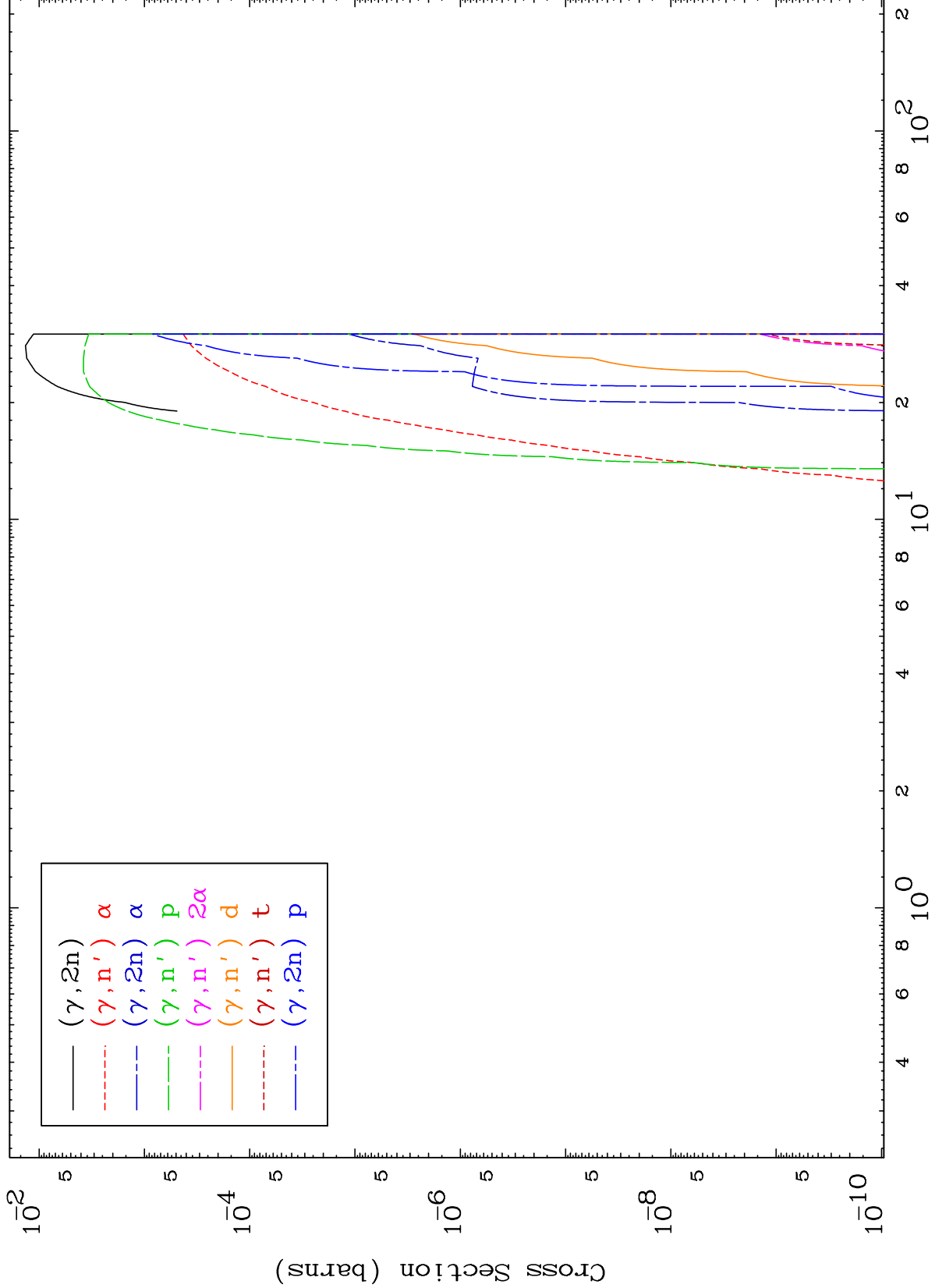
0 Kelvin Cross Sections

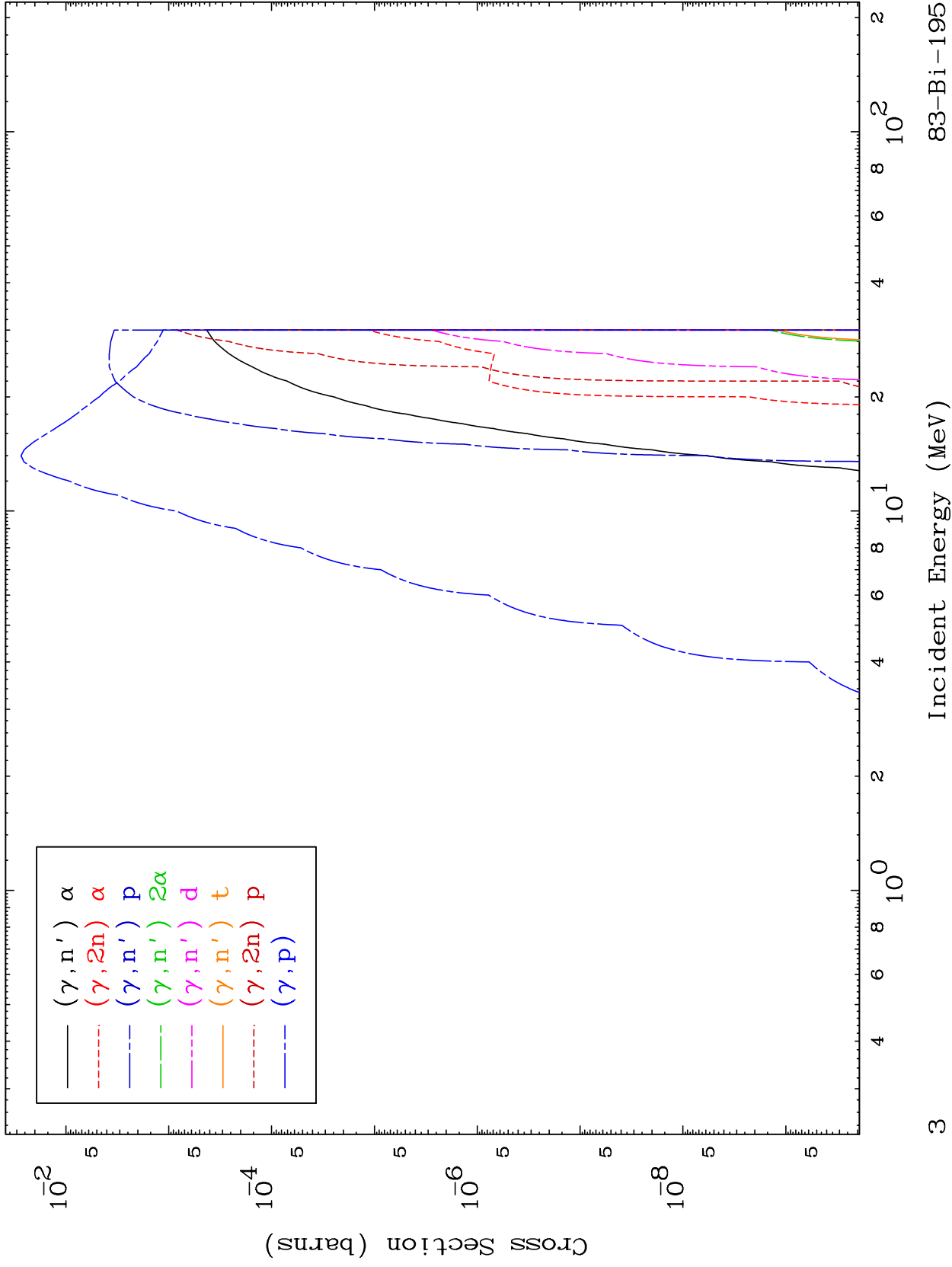


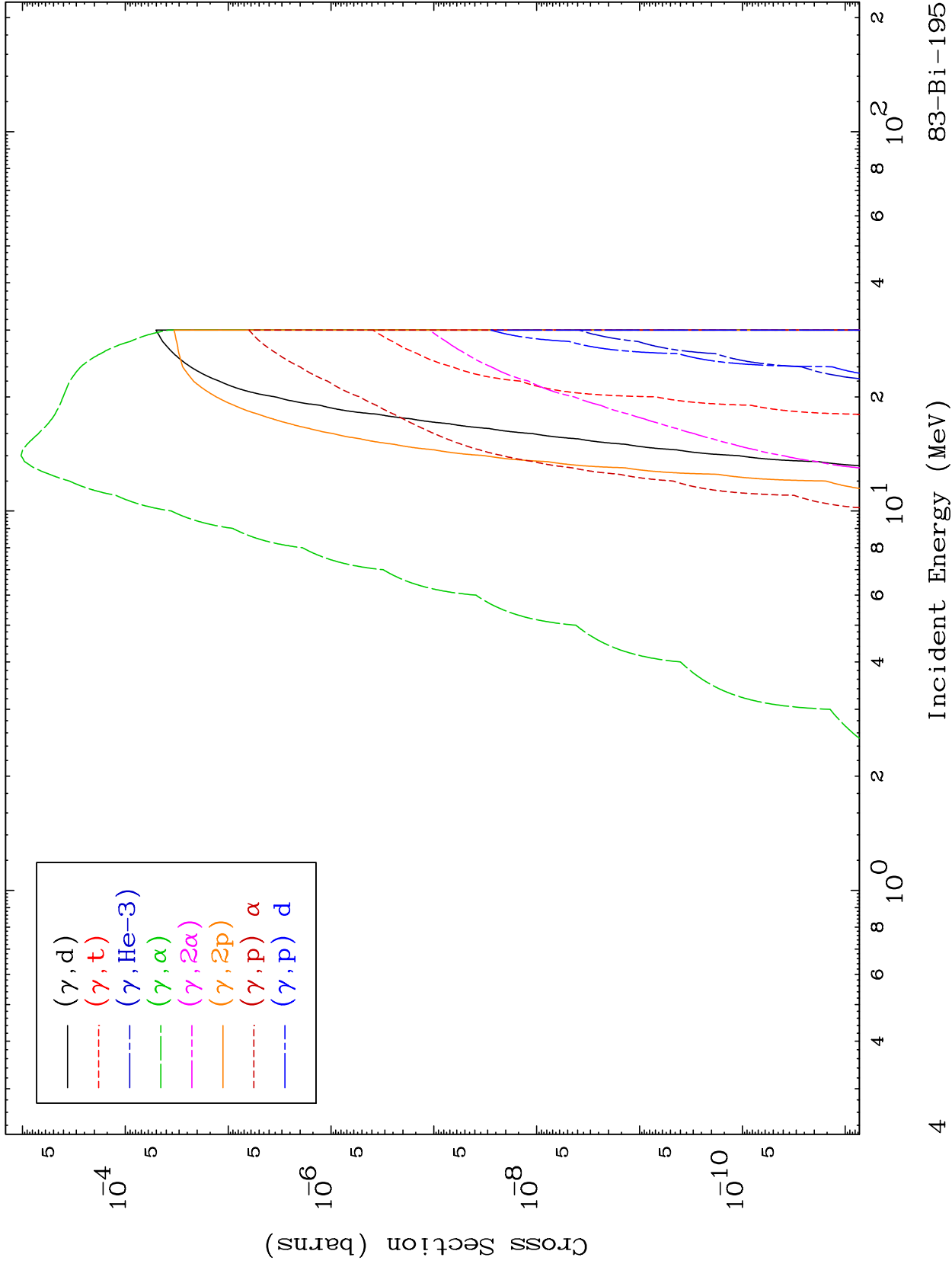
MAT 8283

Photon Neutron Production
0 Kelvin Cross Sections

83-Bi-195





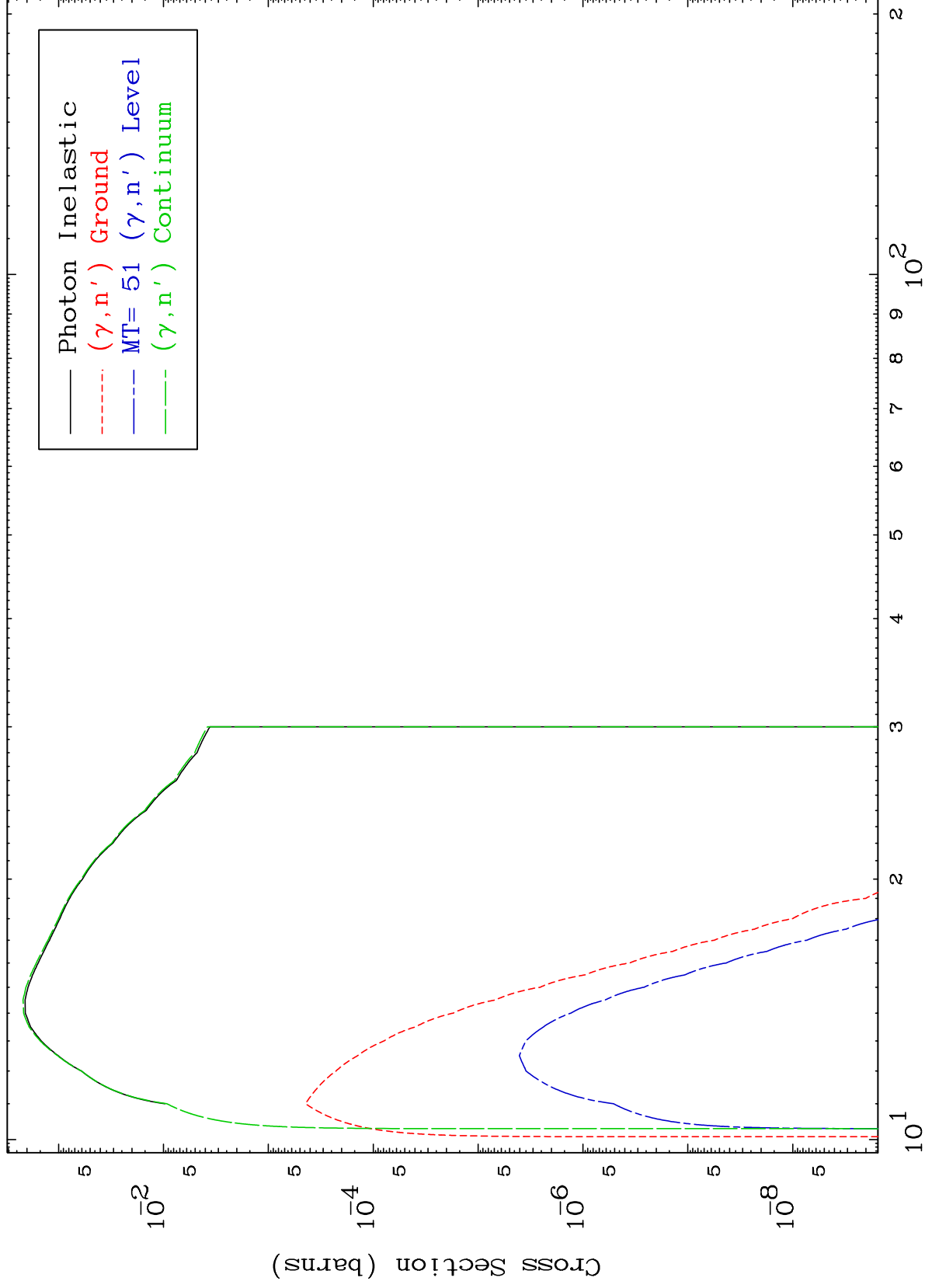


MAT 8283

(γ, n') Level

83-Bi-195

0 Kelvin Cross Sections



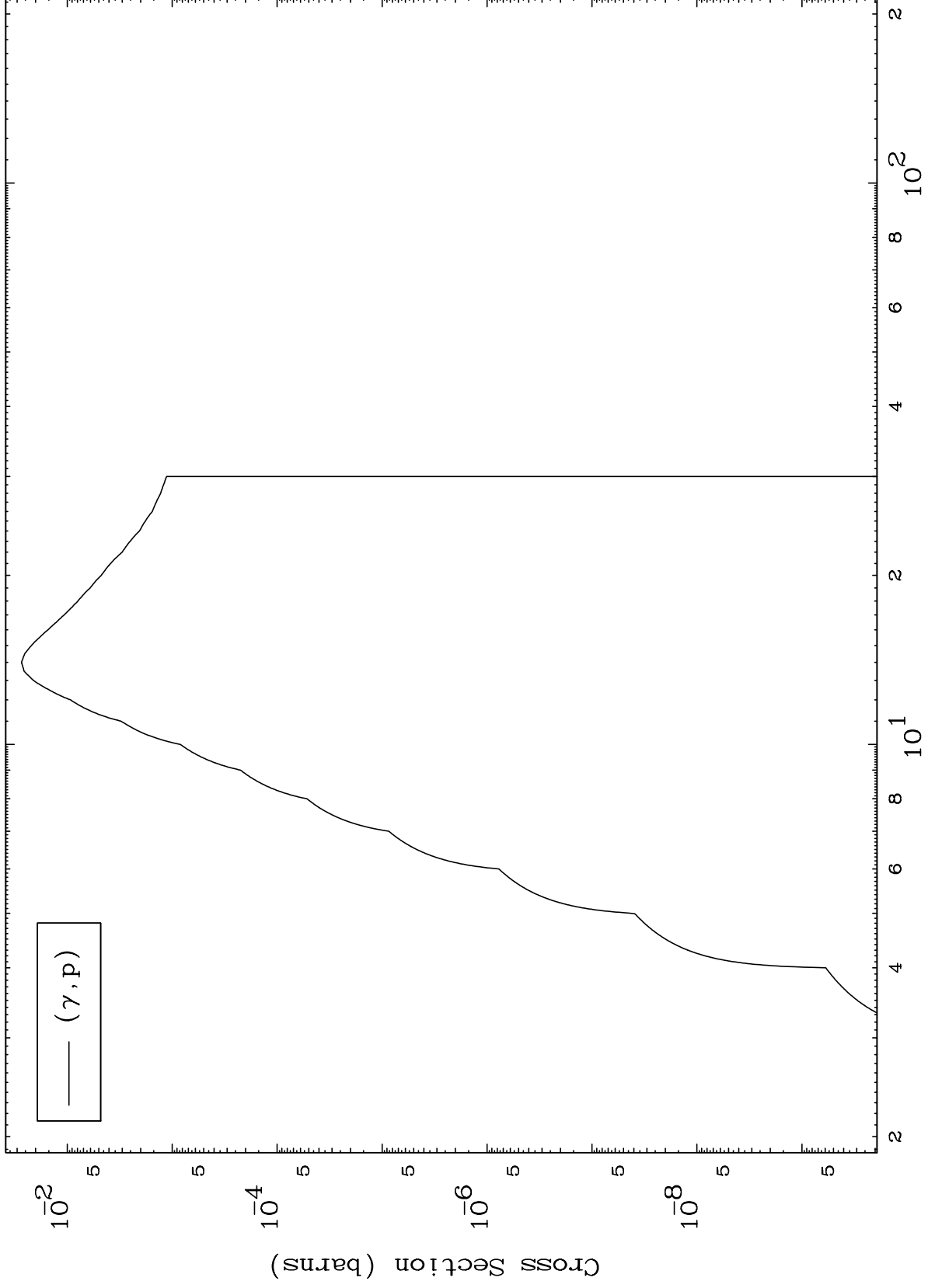
Incident Energy (MeV)

83-Bi-195

MAT 8283

(γ, p) Levels
0 Kelvin Cross Sections

83-Bi-195



(γ, p)

6

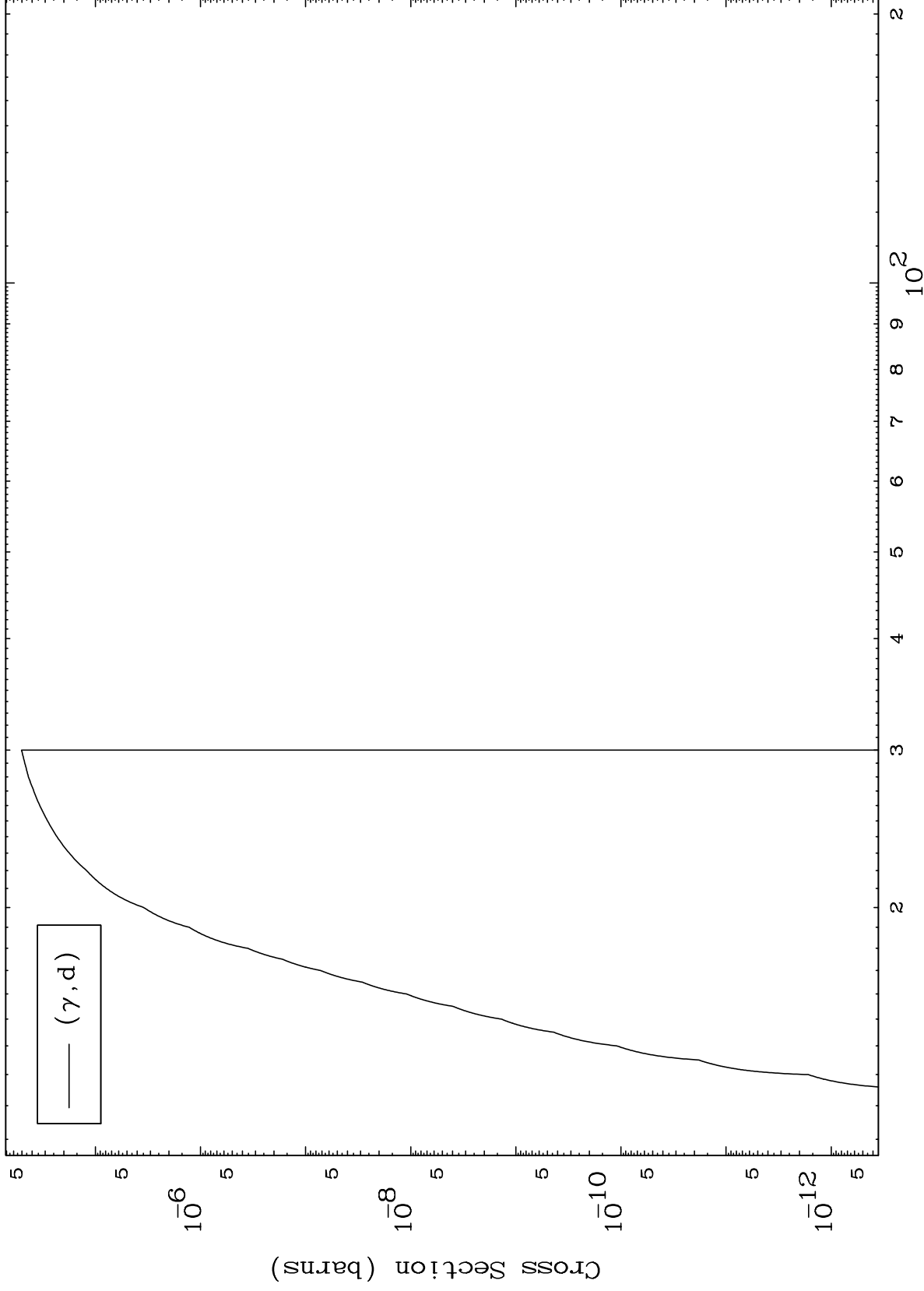
Incident Energy (MeV)

83-Bi-195

MAT 8283

(γ, d) Levels
0 Kelvin Cross Sections

83-Bi-195



7

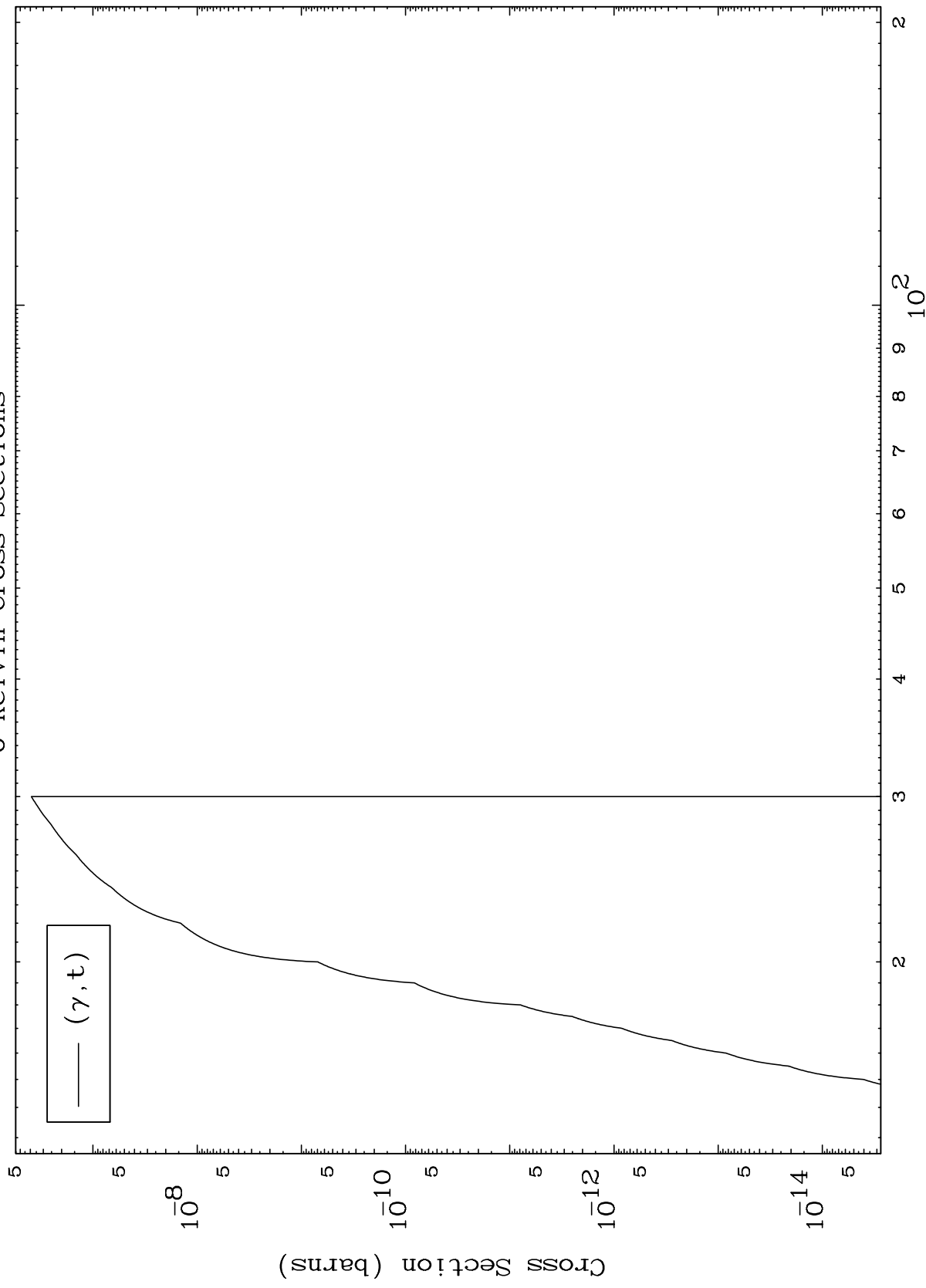
Incident Energy (MeV)

83-Bi-195

MAT 8283

(γ, t) Levels
0 Kelvin Cross Sections

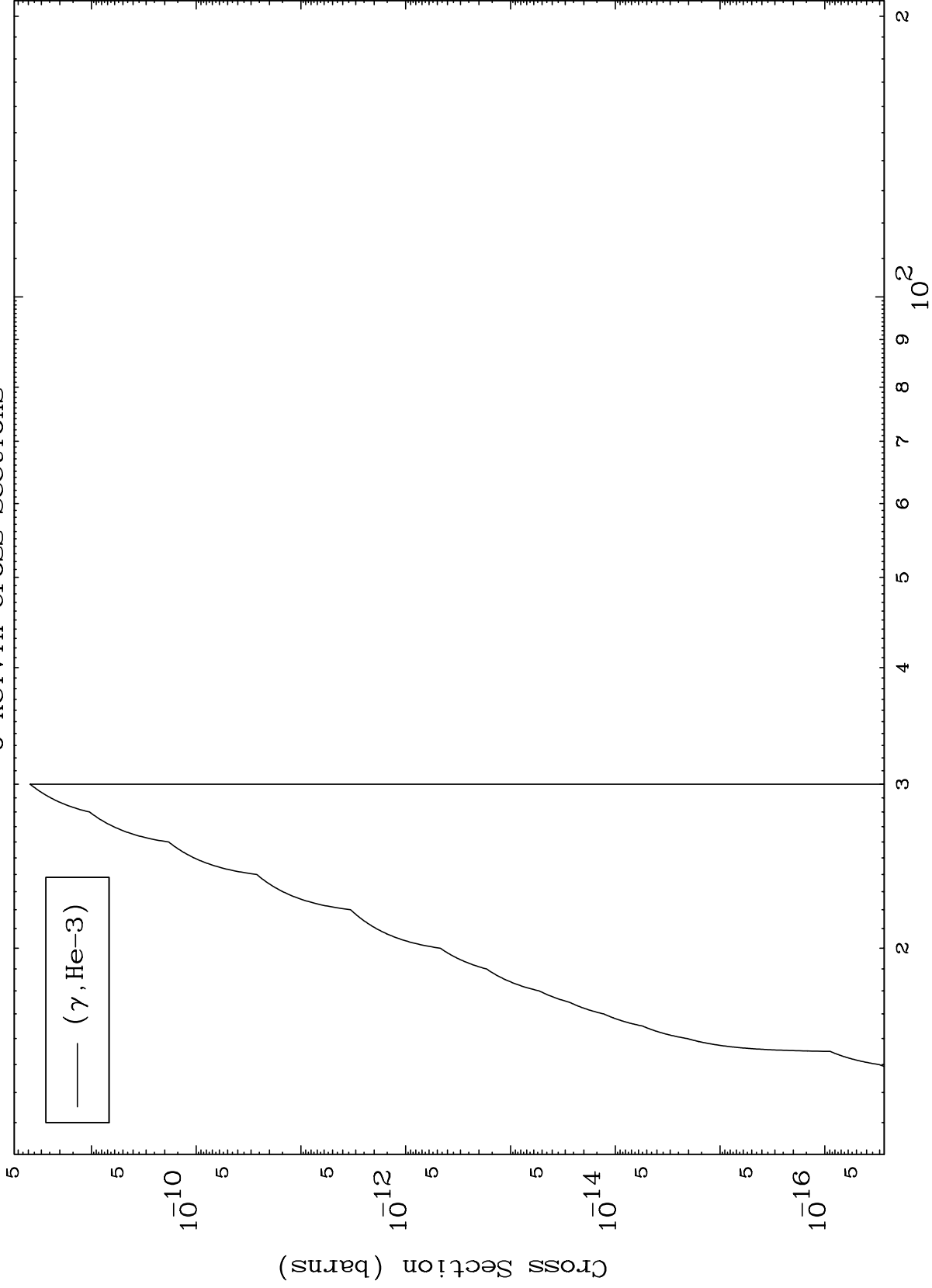
83-Bi-195



Incident Energy (MeV)

83-Bi-195

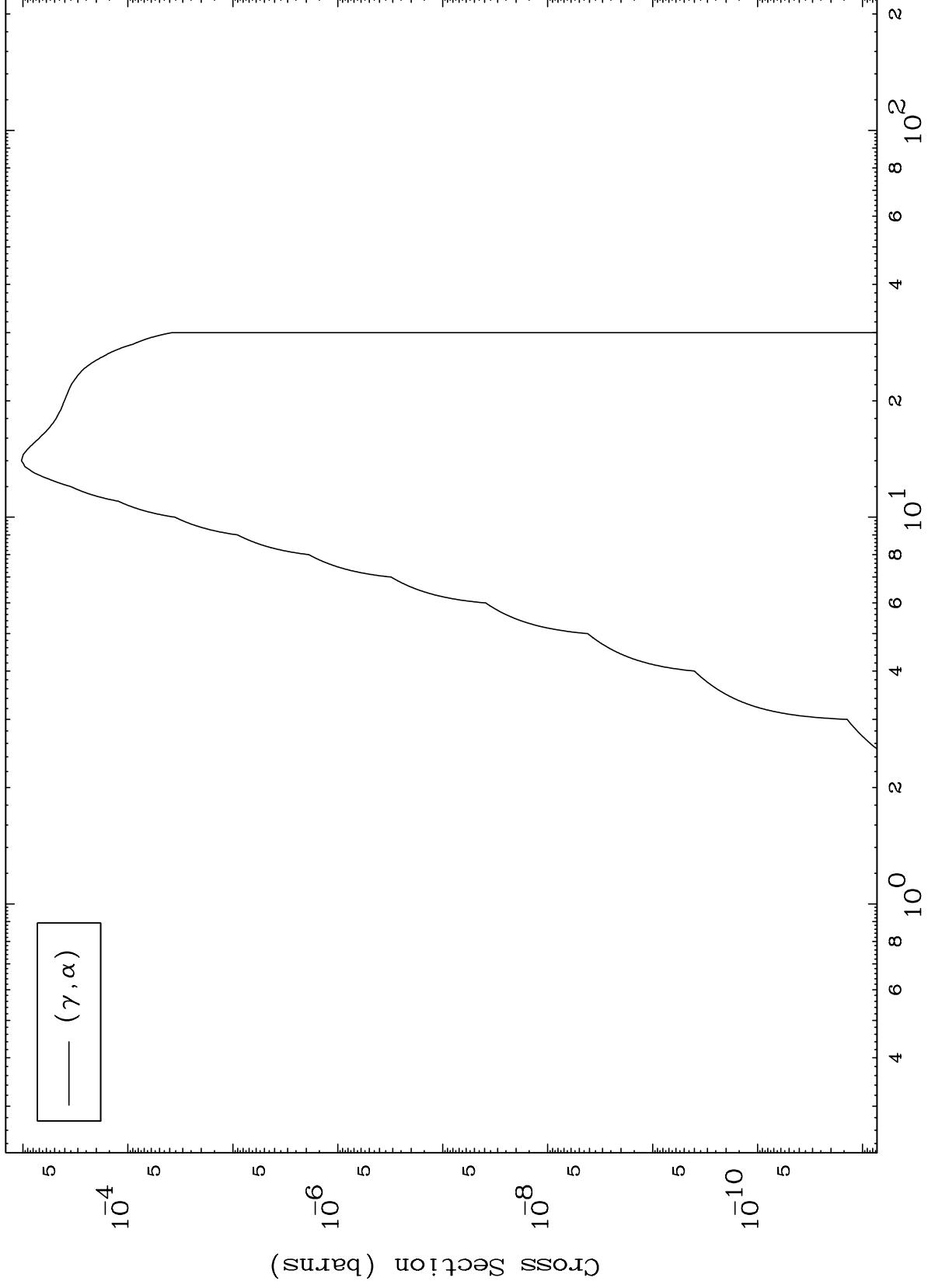
8



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(γ, α) Levels
0 Kelvin Cross Sections

83-Bi-195



10

Incident Energy (MeV)

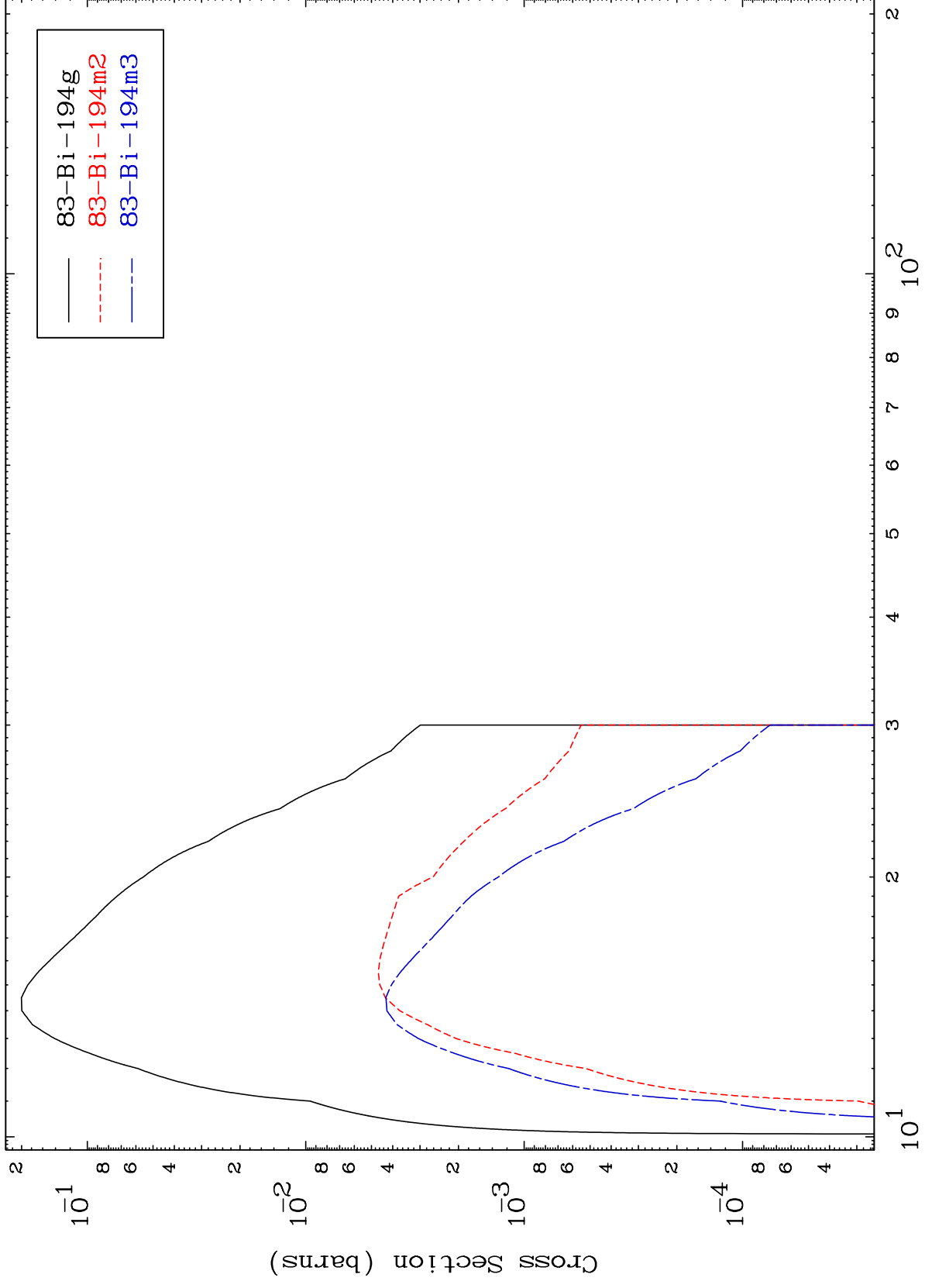
83-Bi-195

MAT 8283

Photon Inelastic

83-Bi-195

Radionuclide Production Cross Section



83-Bi-194g
83-Bi-194m2
83-Bi-194m3

11

Incident Energy (MeV)

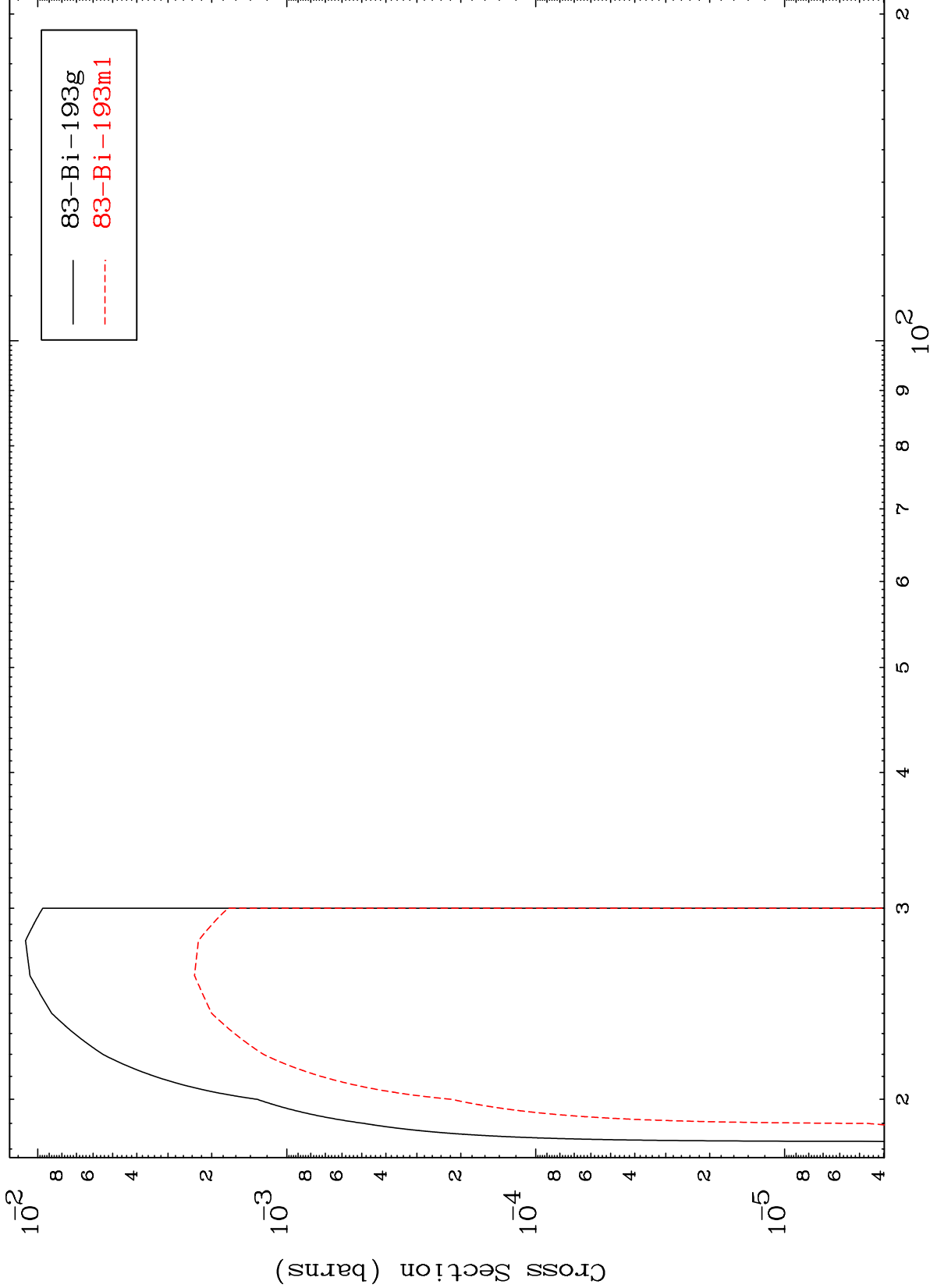
83-Bi-195

MAT 8283

($\gamma, 2n$)

83-Bi-195

Radionuclide Production Cross Section



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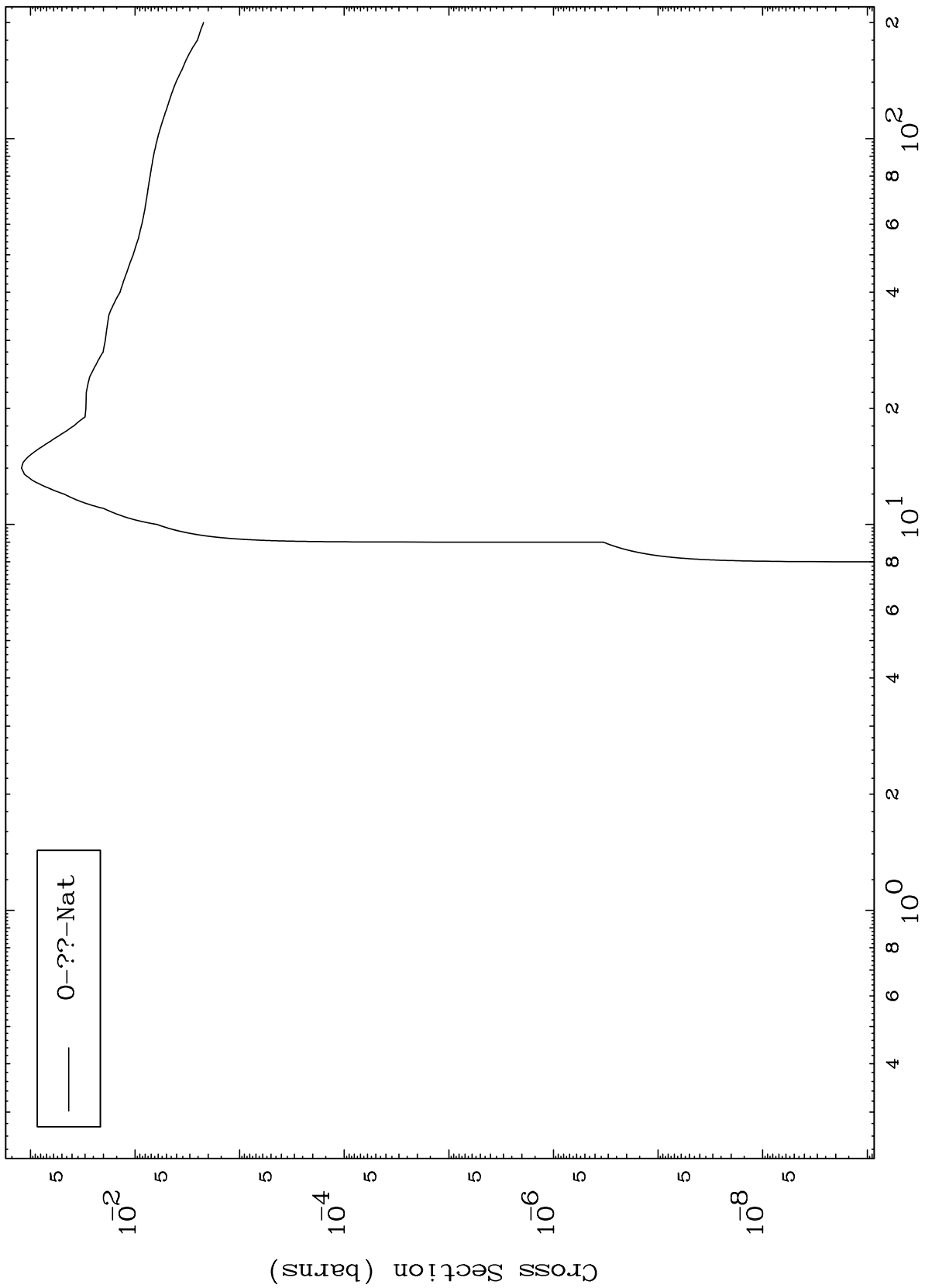
Incident Energy (MeV)

83-Bi-195

MAT 8283

Photon Fission
Radionuclide Production Cross Section

83-Bi-195

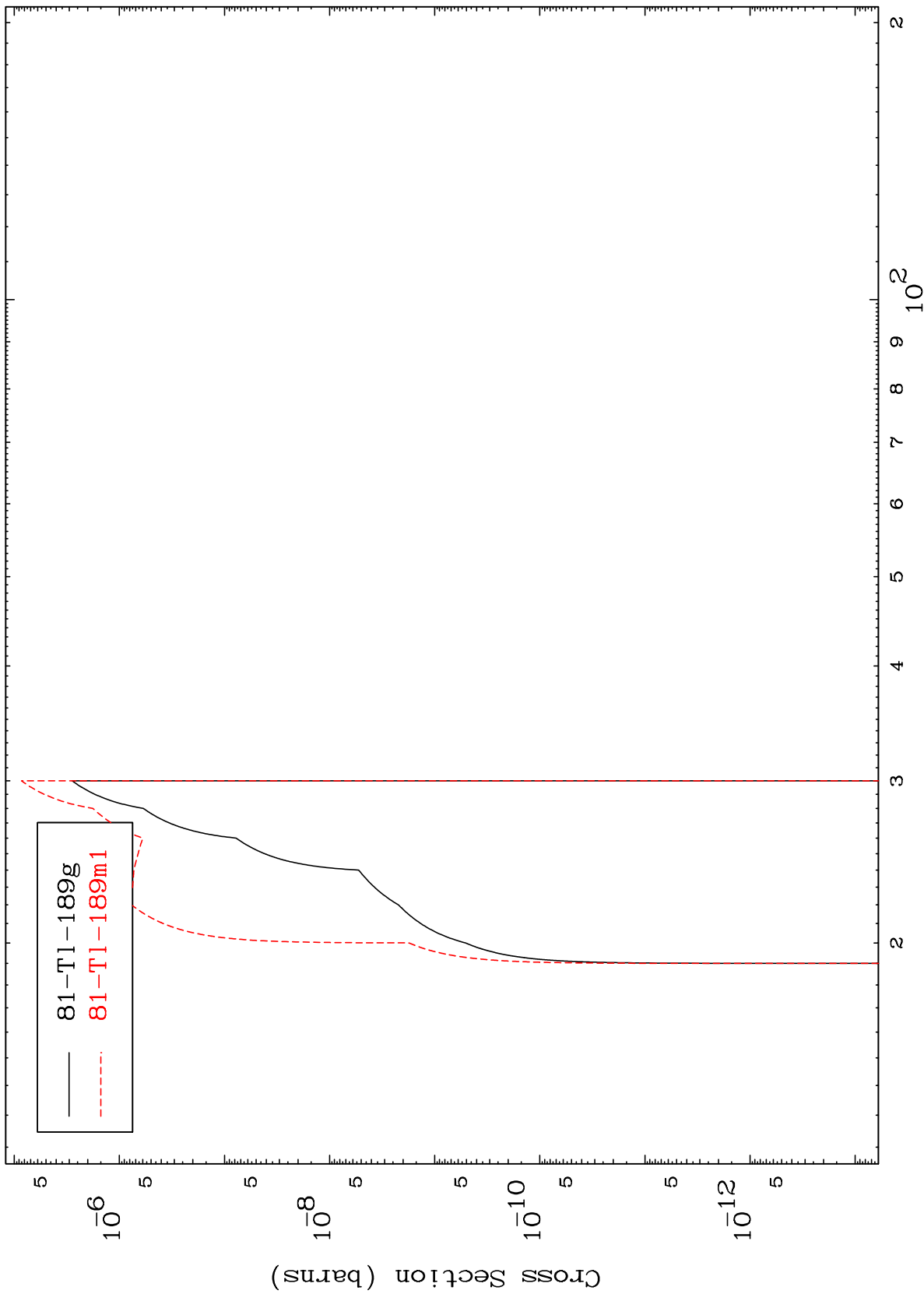


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$(\gamma, 2n) \alpha$

83-Bi-195

Radionuclide Production Cross Section

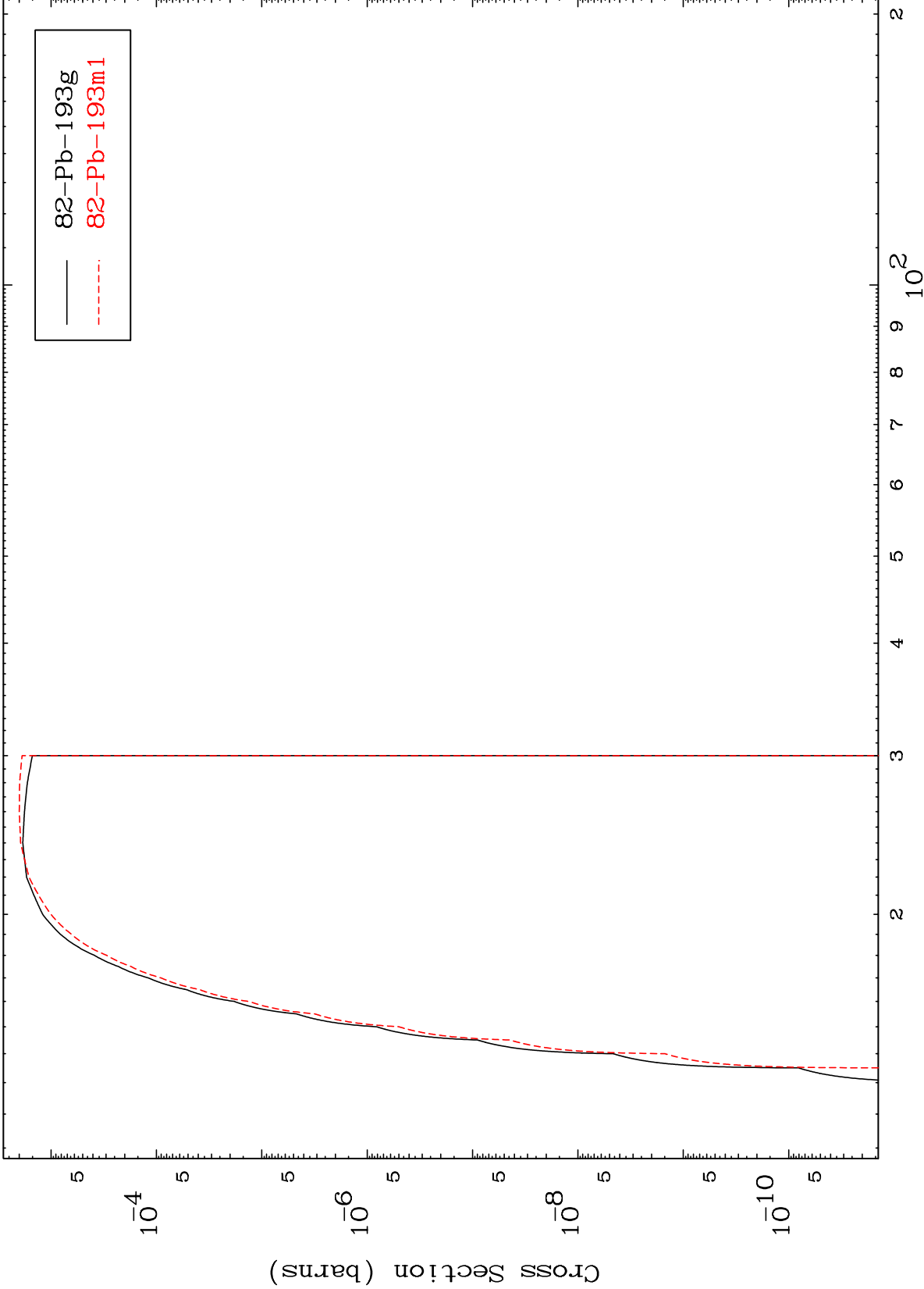


MAT 8283

(γ, n') p

83-Bi-195

Radionuclide Production Cross Section



15

Incident Energy (MeV)

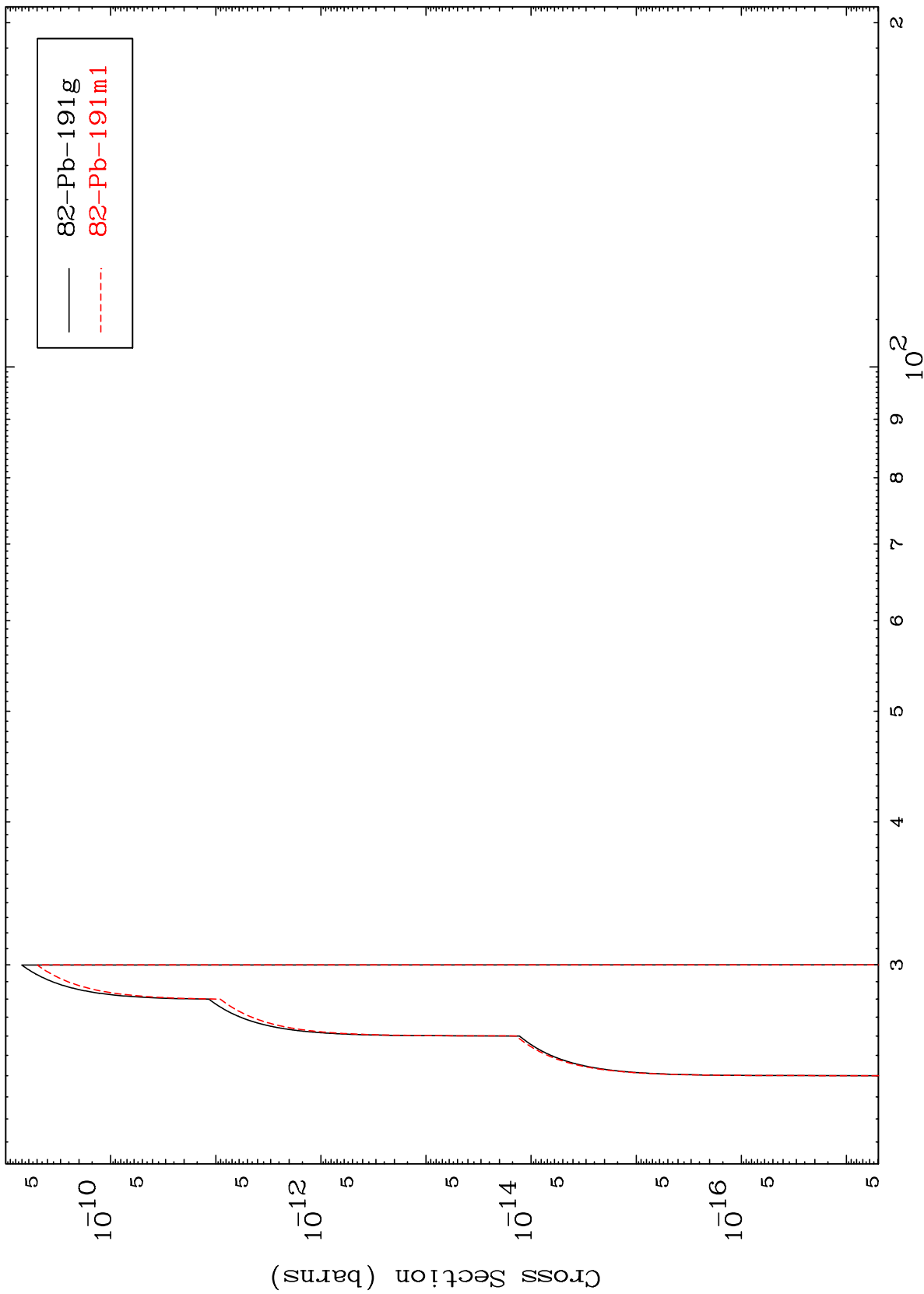
83-Bi-195

MAT 8283

(γ, n') t

83-Bi-195

Radionuclide Production Cross Section



16

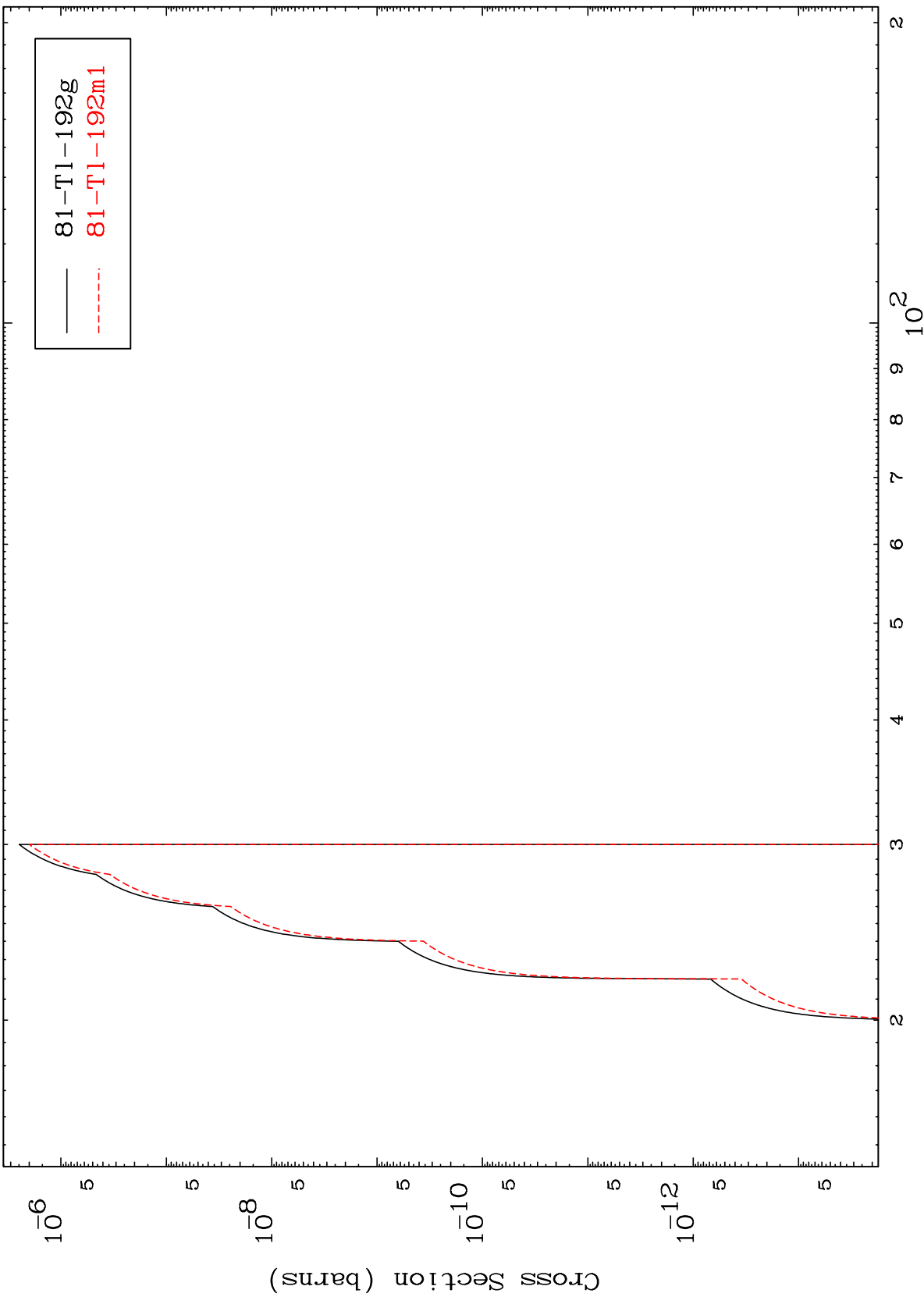
Incident Energy (MeV)

83-Bi-195

MAT 8283

83-Bi-195

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



17

83-Bi-195

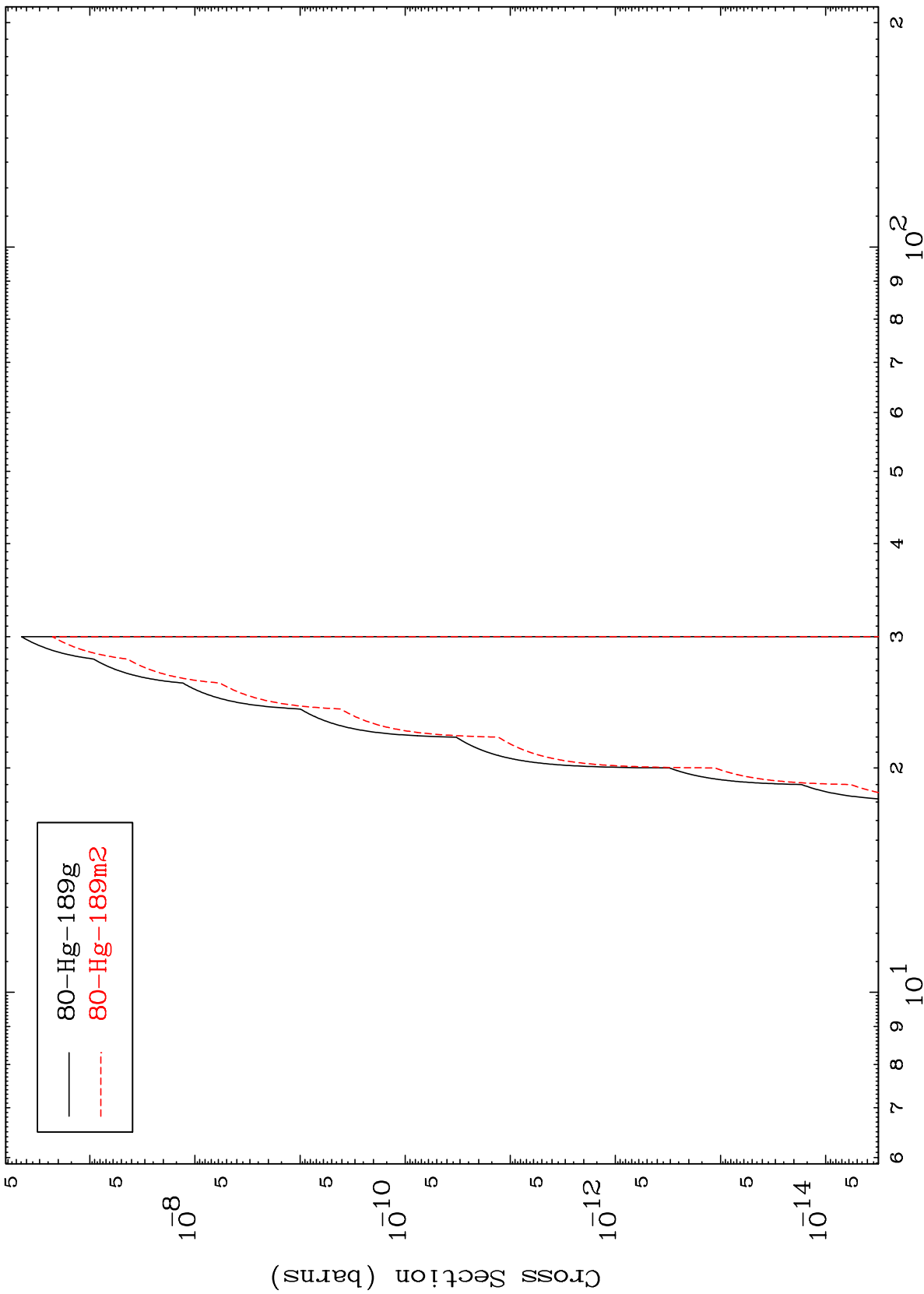
Incident Energy (MeV)

MAT 8283

(γ, n') p α

83-Bi-195

Radionuclide Production Cross Section



80-Hg-189g
80-Hg-189m2

18

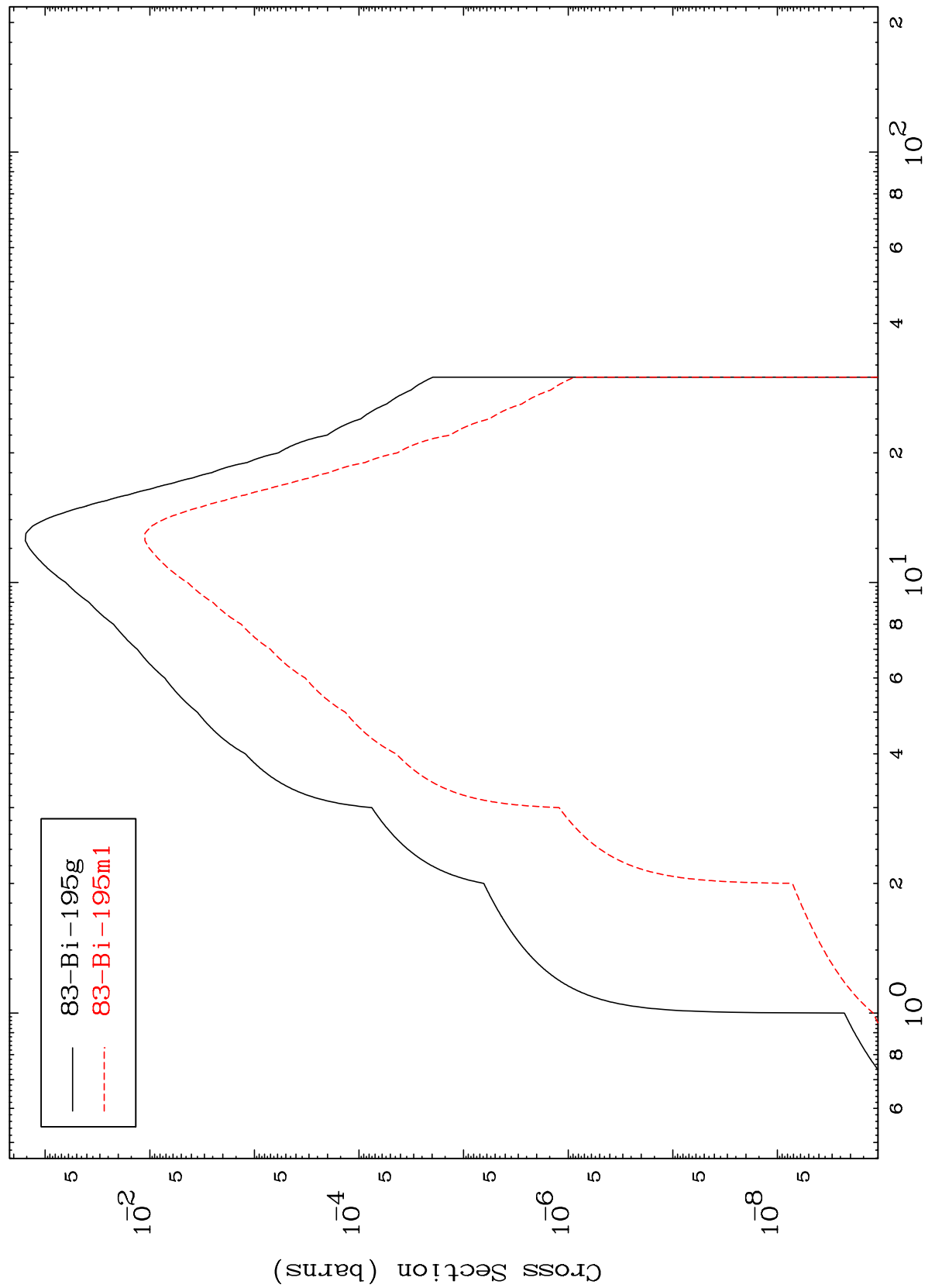
Incident Energy (MeV)

83-Bi-195

MAT 8283

83-Bi-195

Radionuclide Production Cross Section
(γ, γ)



19

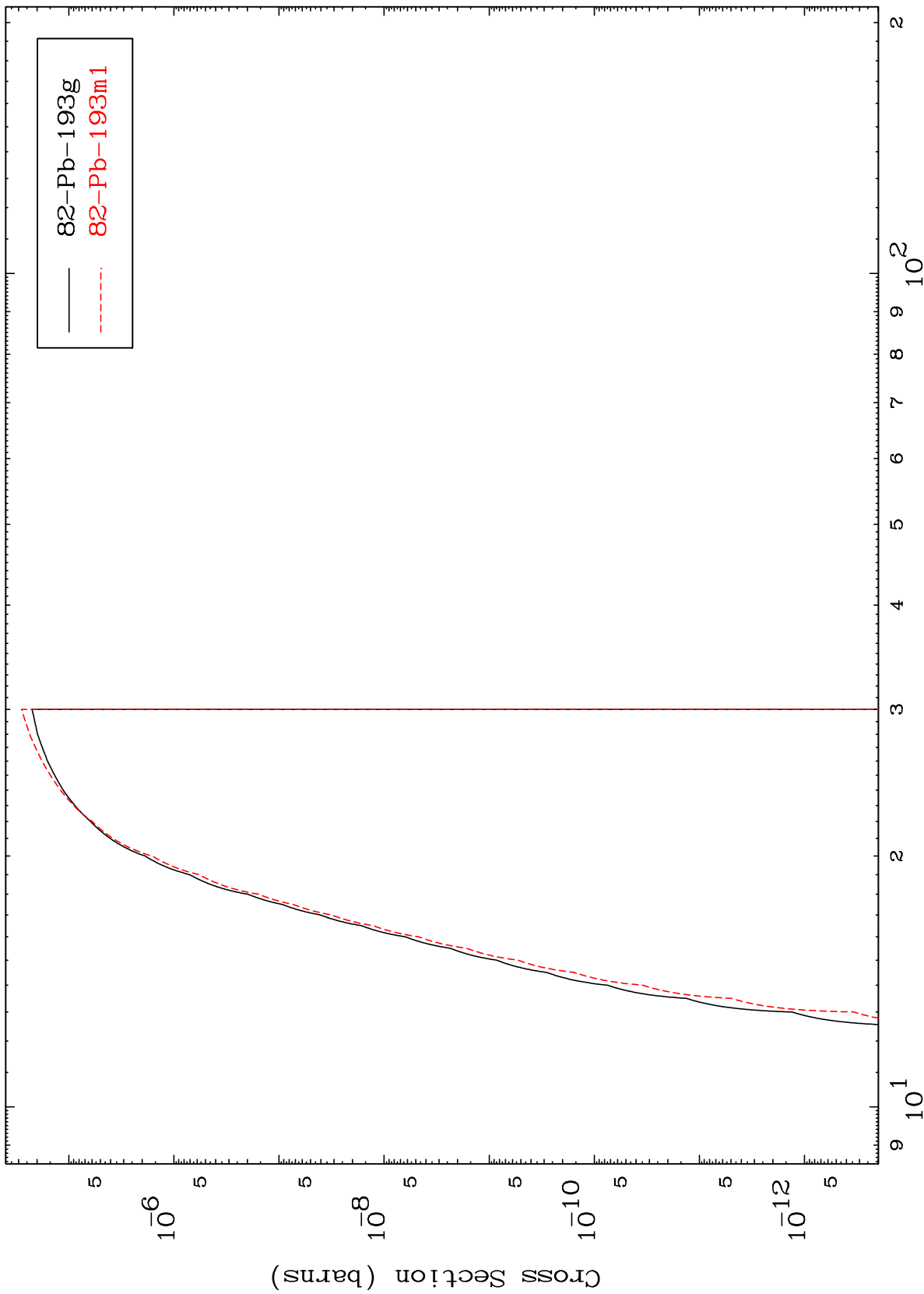
83-Bi-195

Incident Energy (MeV)

MAT 8283

83-Bi-195

(γ, d)
Radionuclide Production Cross Section



83-Bi-195

Incident Energy (MeV)

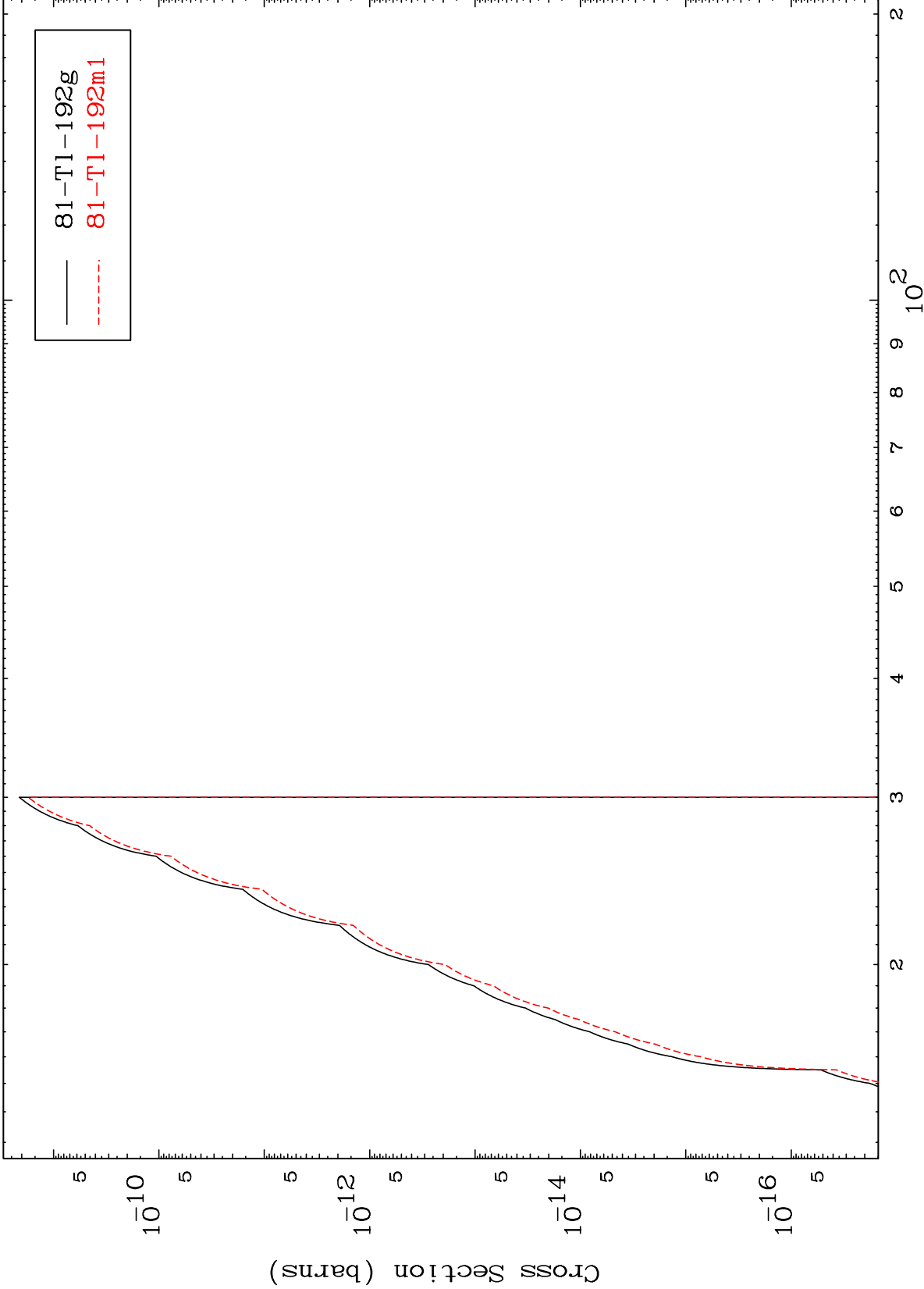
20

MAT 8283

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

83-Bi-195

Radionuclide Production Cross Section



21

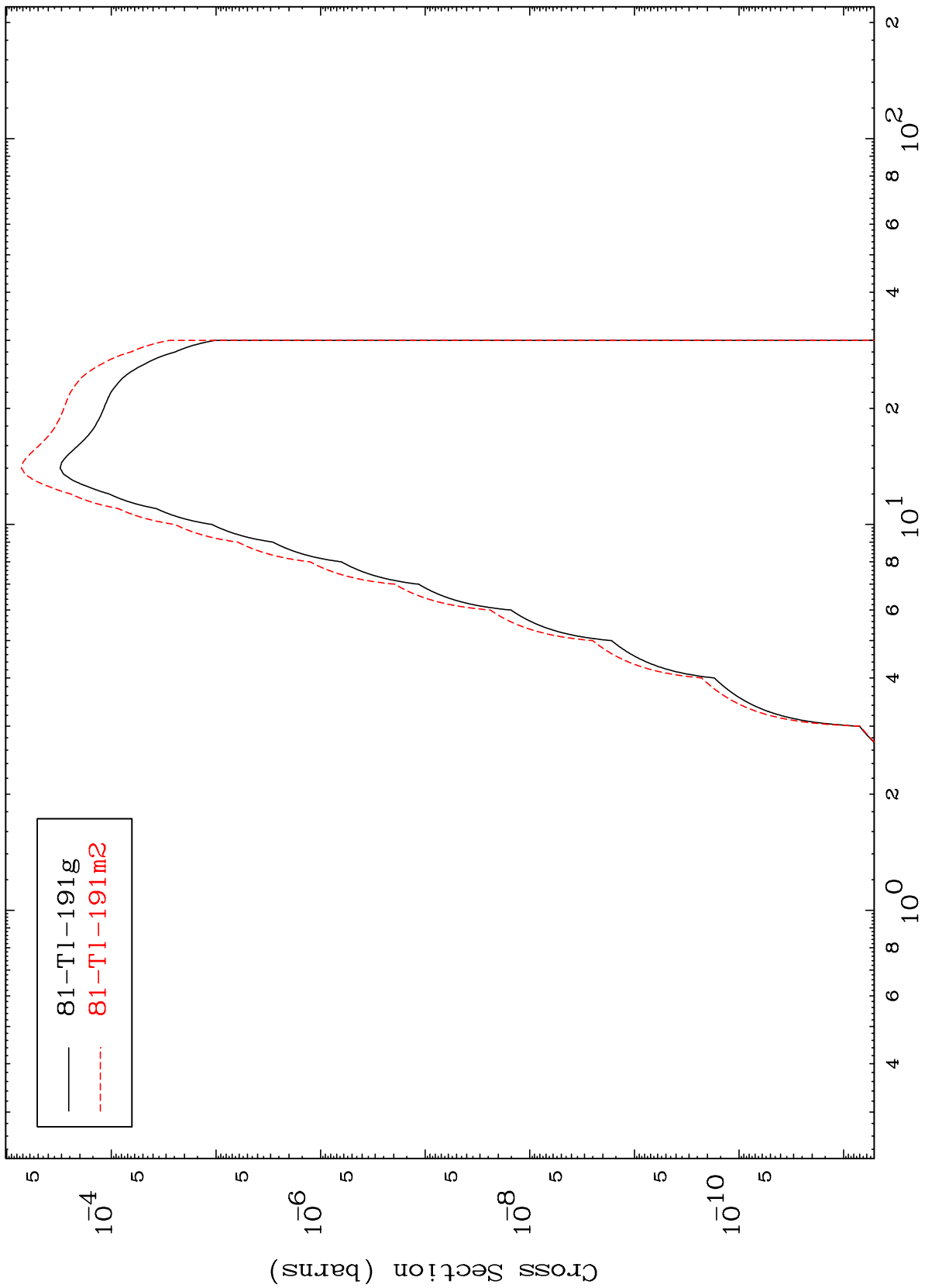
Incident Energy (MeV)

83-Bi-195

MAT 8283

83-Bi-195

Radionuclide Production Cross Section
(γ, α)



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

83-Bi-195

Incident Energy (MeV)

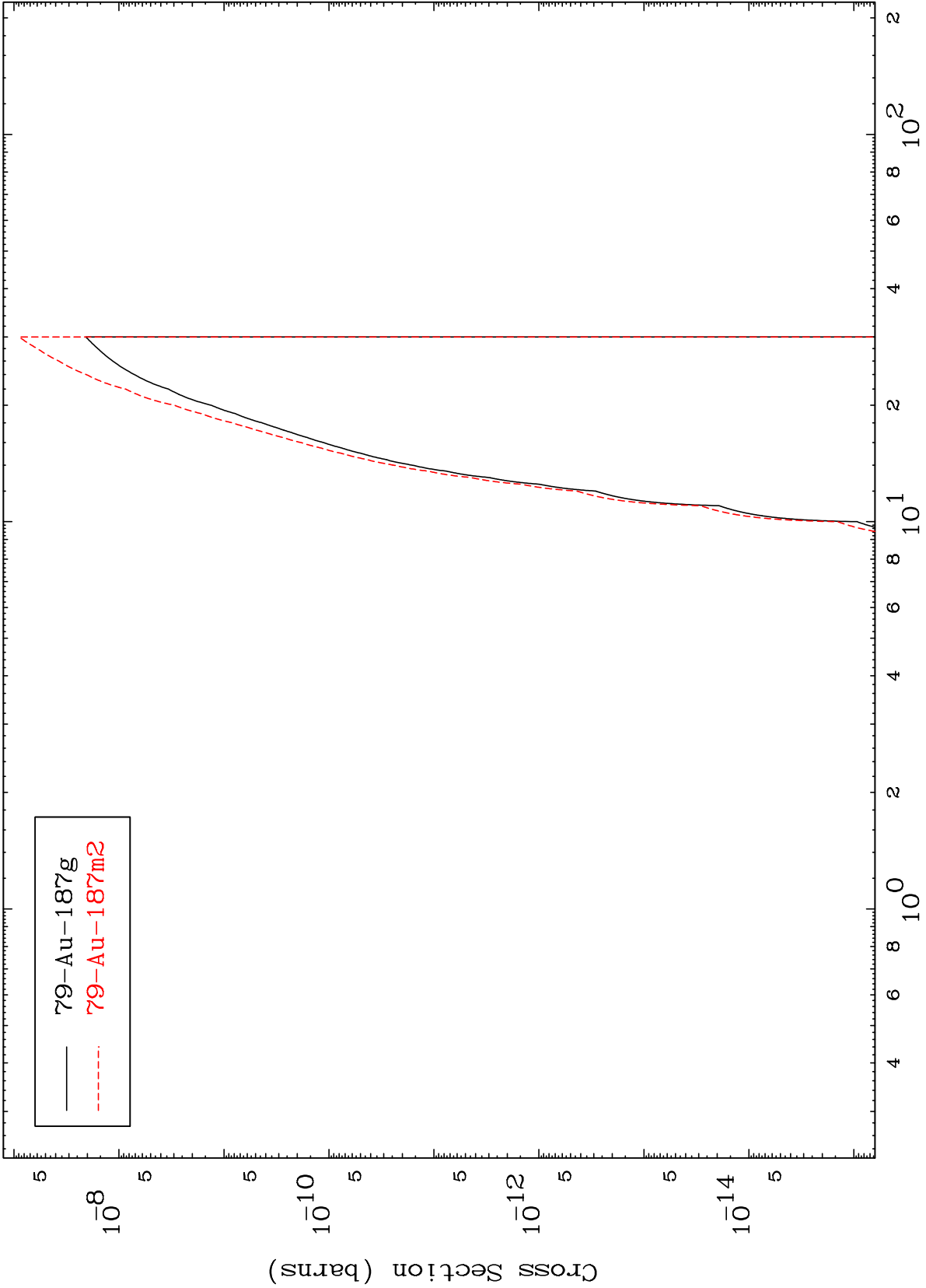
22

MAT 8283

($\gamma, 2\alpha$)

83-Bi-195

Radionuclide Production Cross Section

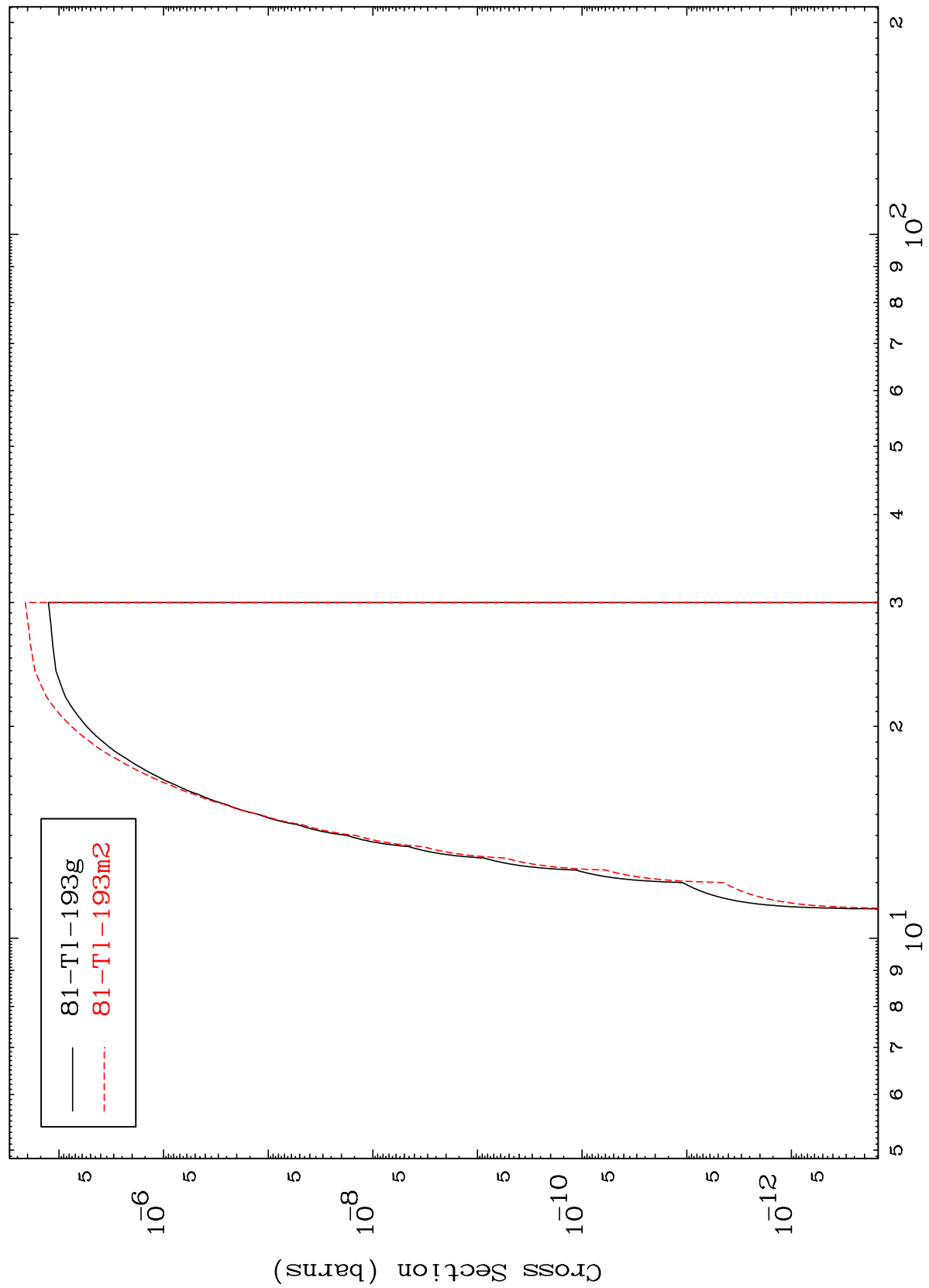


— 79-Au-187g
- - - 79-Au-187m2

MAT 8283

83-Bi-195

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

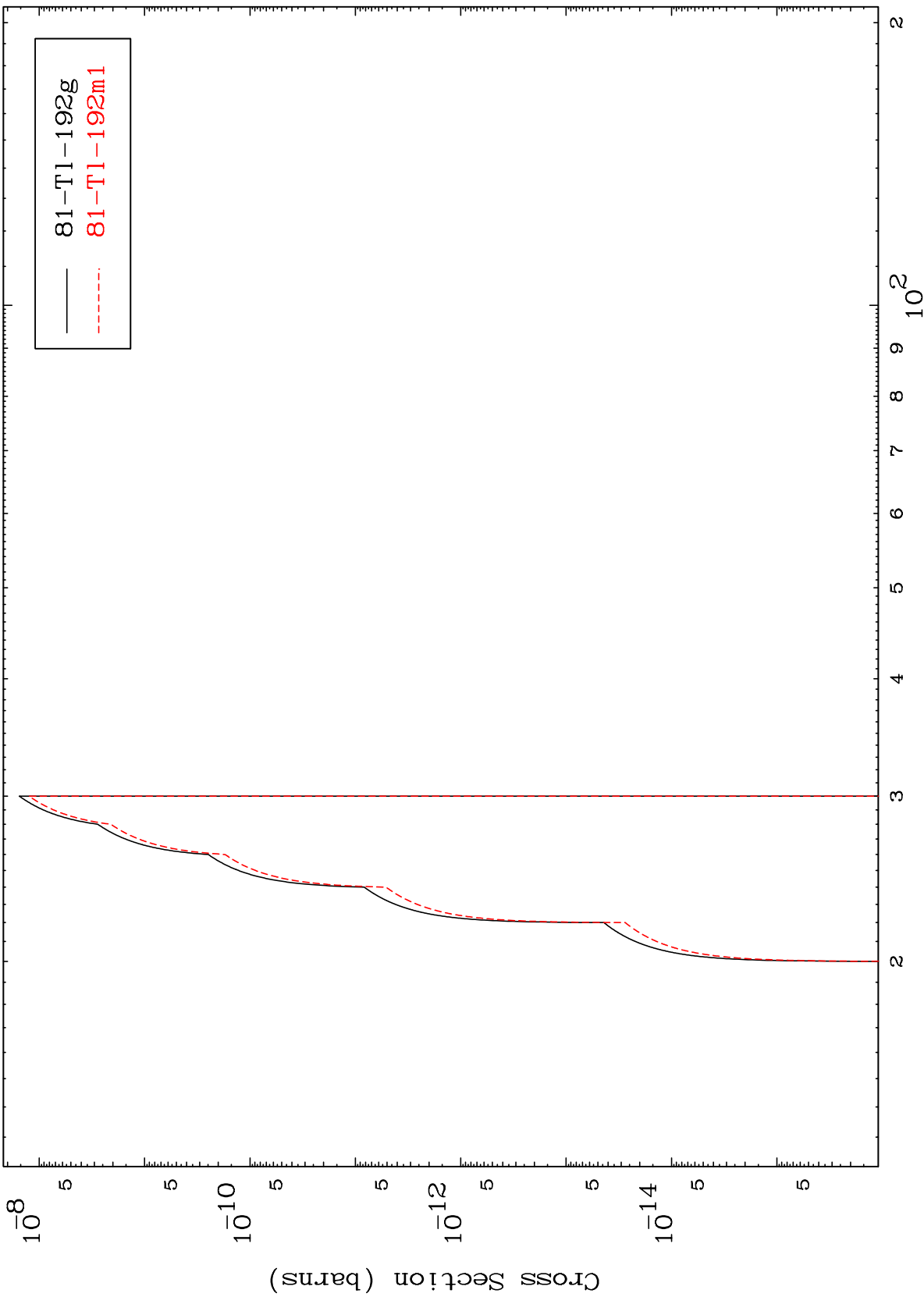


24

Incident Energy (MeV)

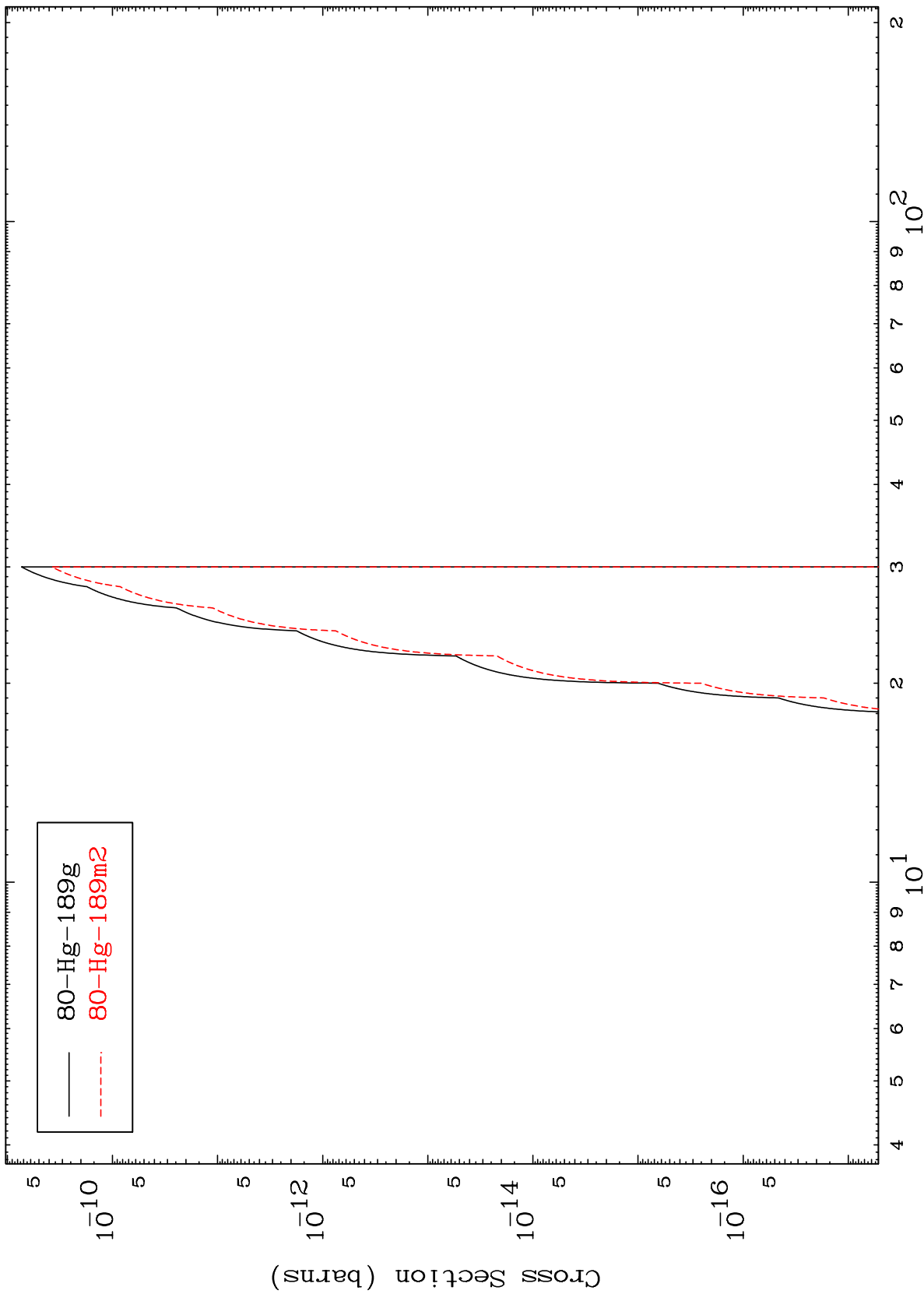
83-Bi-195

Radionuclide Production Cross Section



(γ, d) α

Radionuclide Production Cross Section



Incident Energy (MeV)