

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

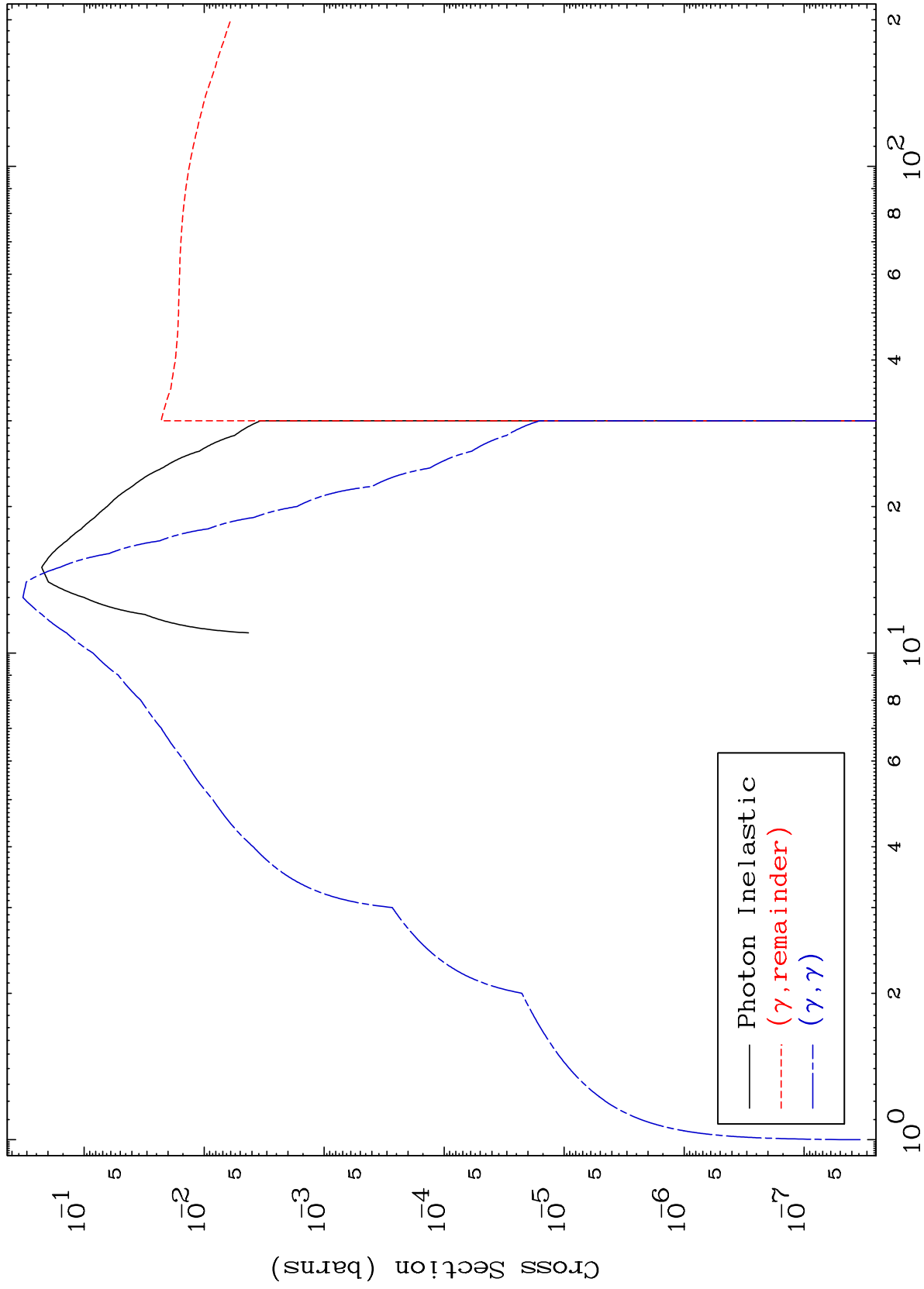
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8283

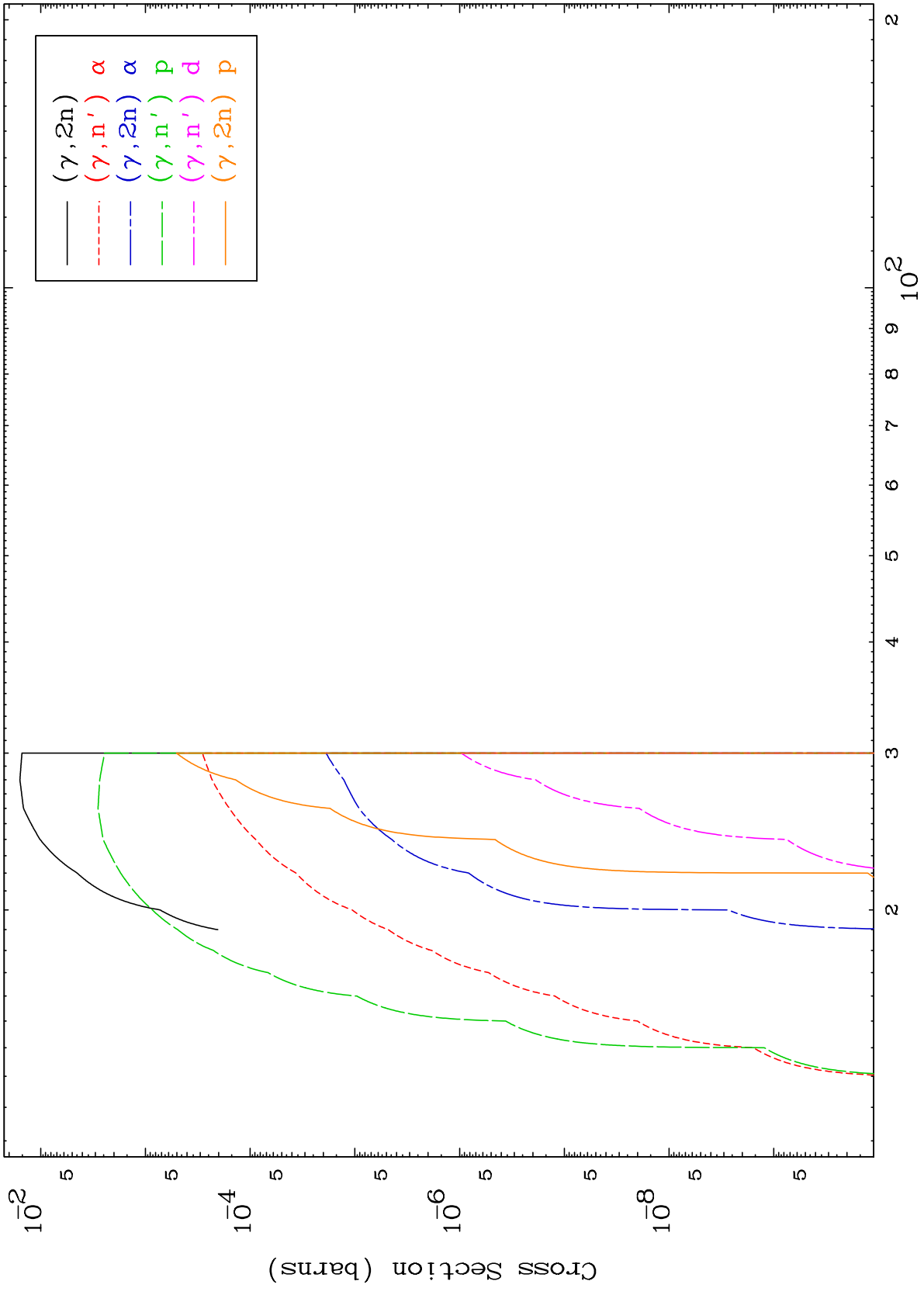
Photon Major
0 Kelvin Cross Sections

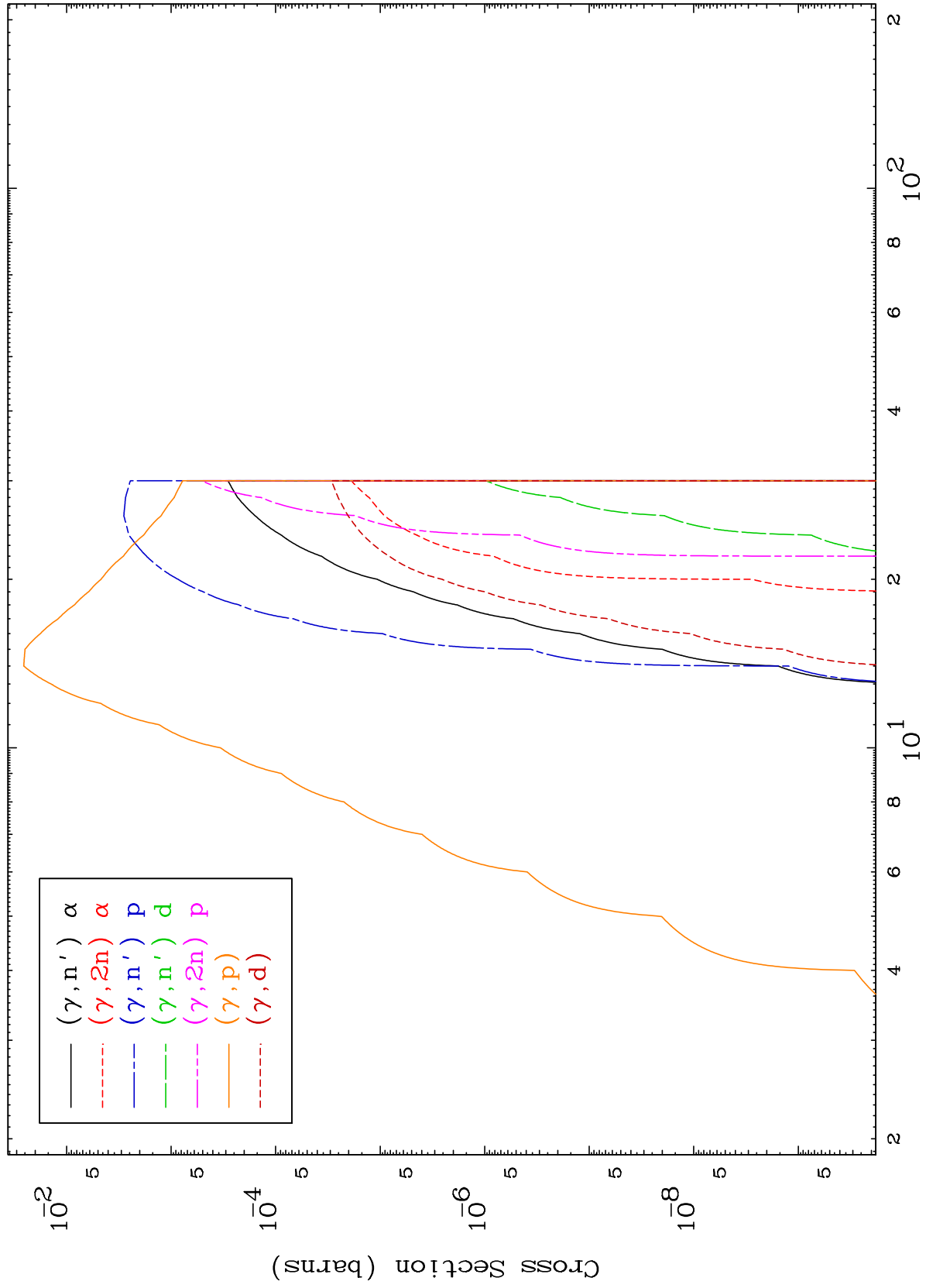
83-Bi-195



Incident Energy (MeV)

83-Bi-195

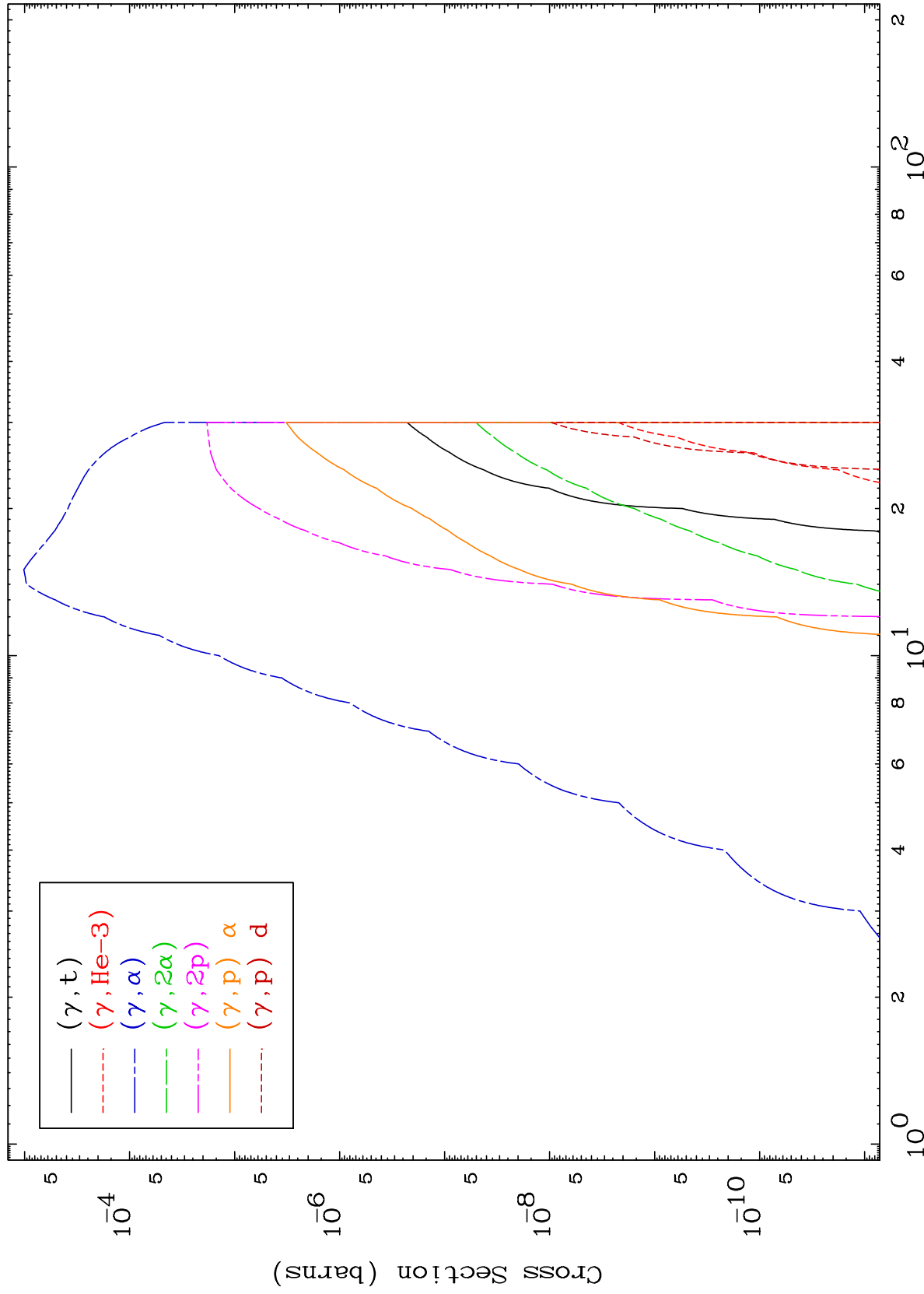




MAT 8283

Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-195



83-Bi-195

Incident Energy (MeV)

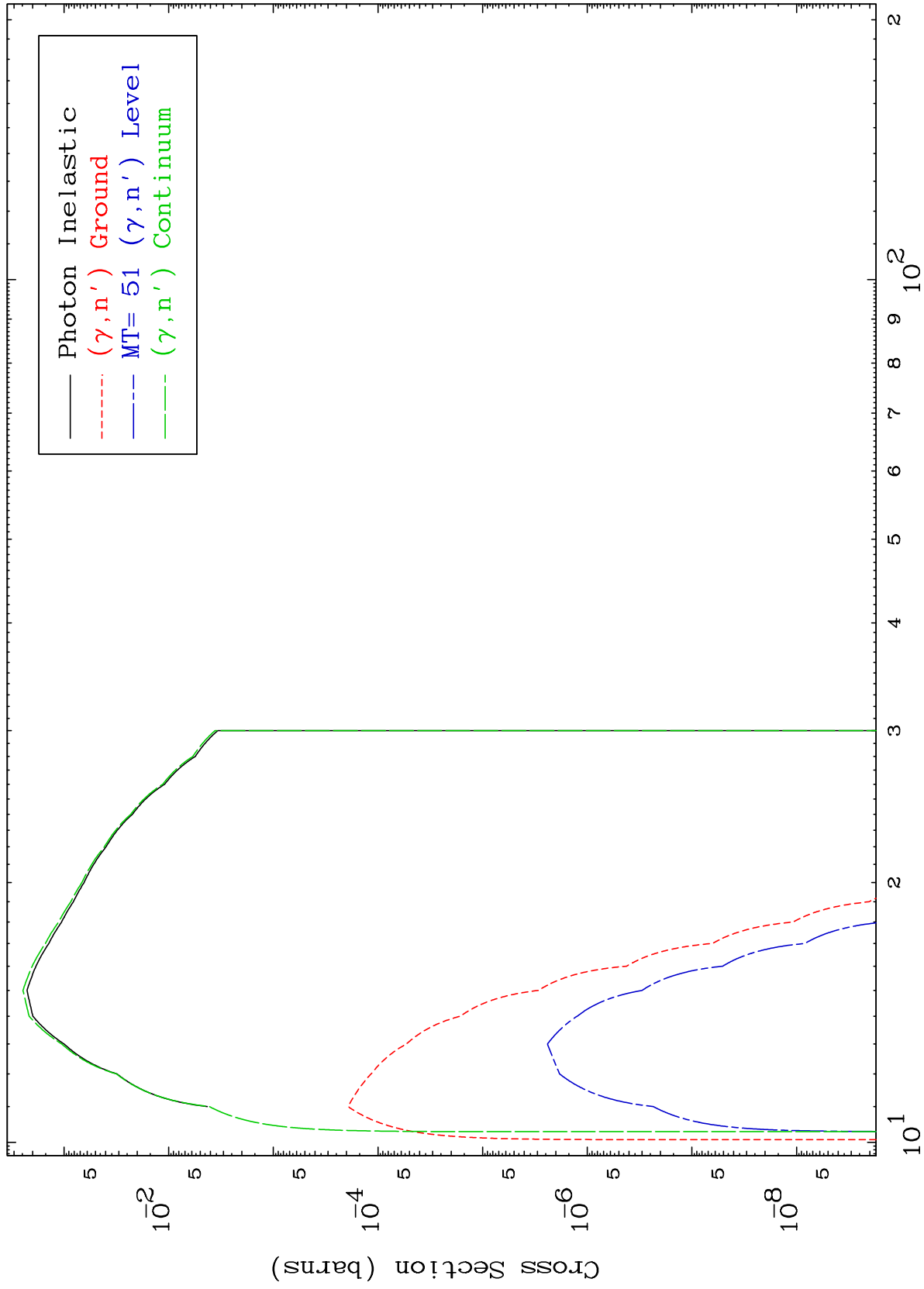
4

MAT 8283

(γ, n') Level

83-Bi-195

0 Kelvin Cross Sections



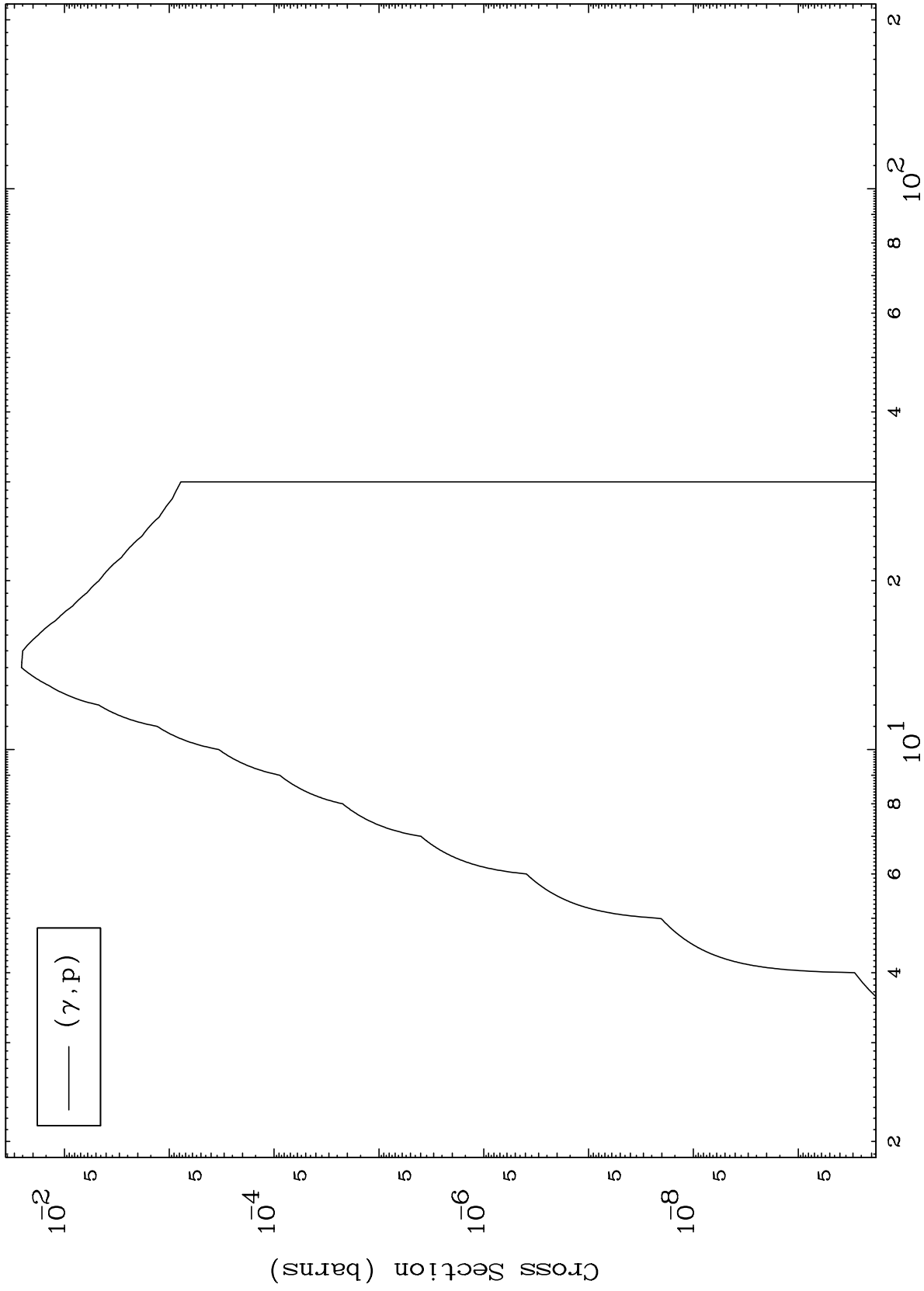
Incident Energy (MeV)

83-Bi-195

MAT 8283

(γ, p) Levels
0 Kelvin Cross Sections

83-Bi-195



6

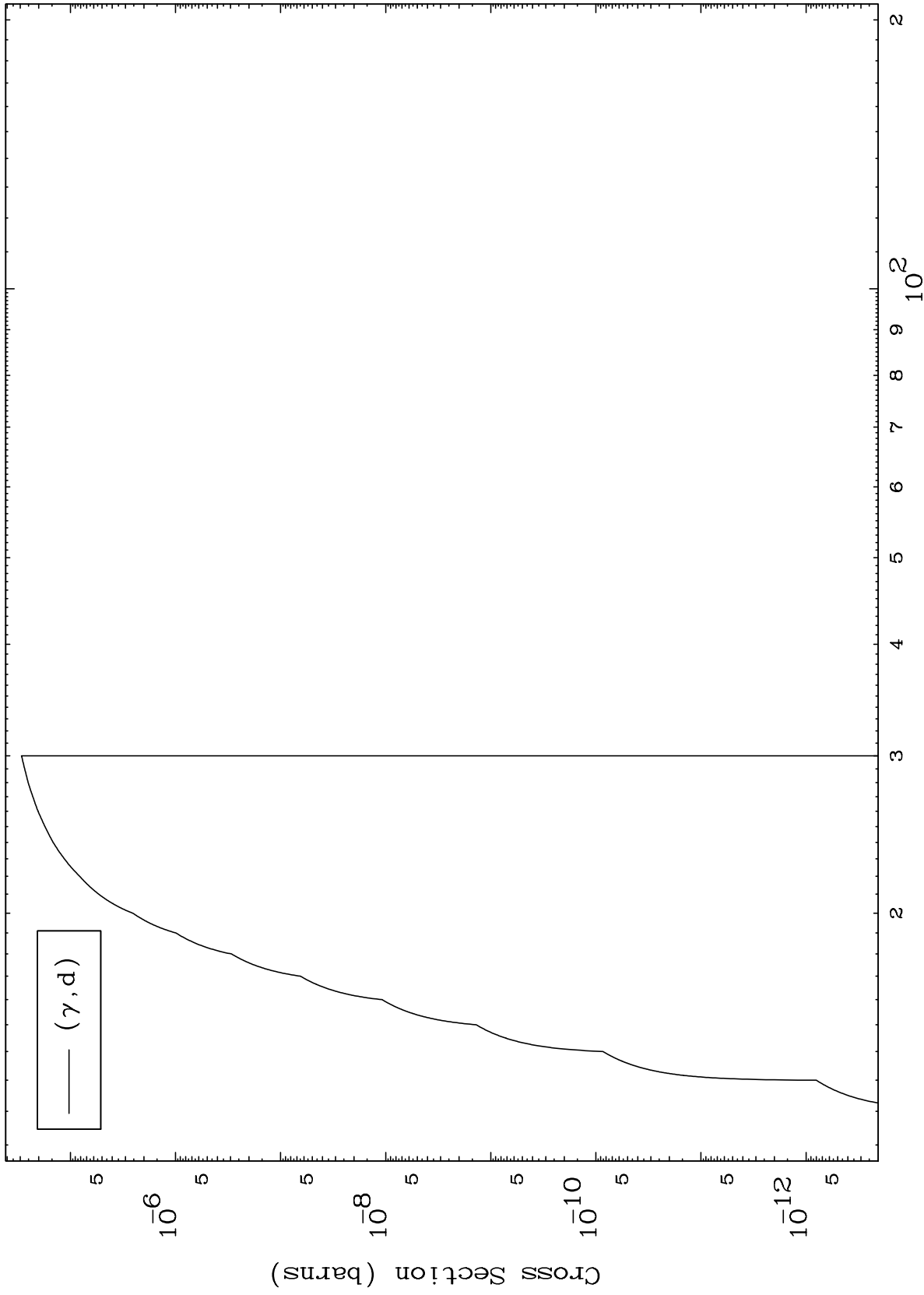
Incident Energy (MeV)

83-Bi-195

MAT 8283

(γ, d) Levels
0 Kelvin Cross Sections

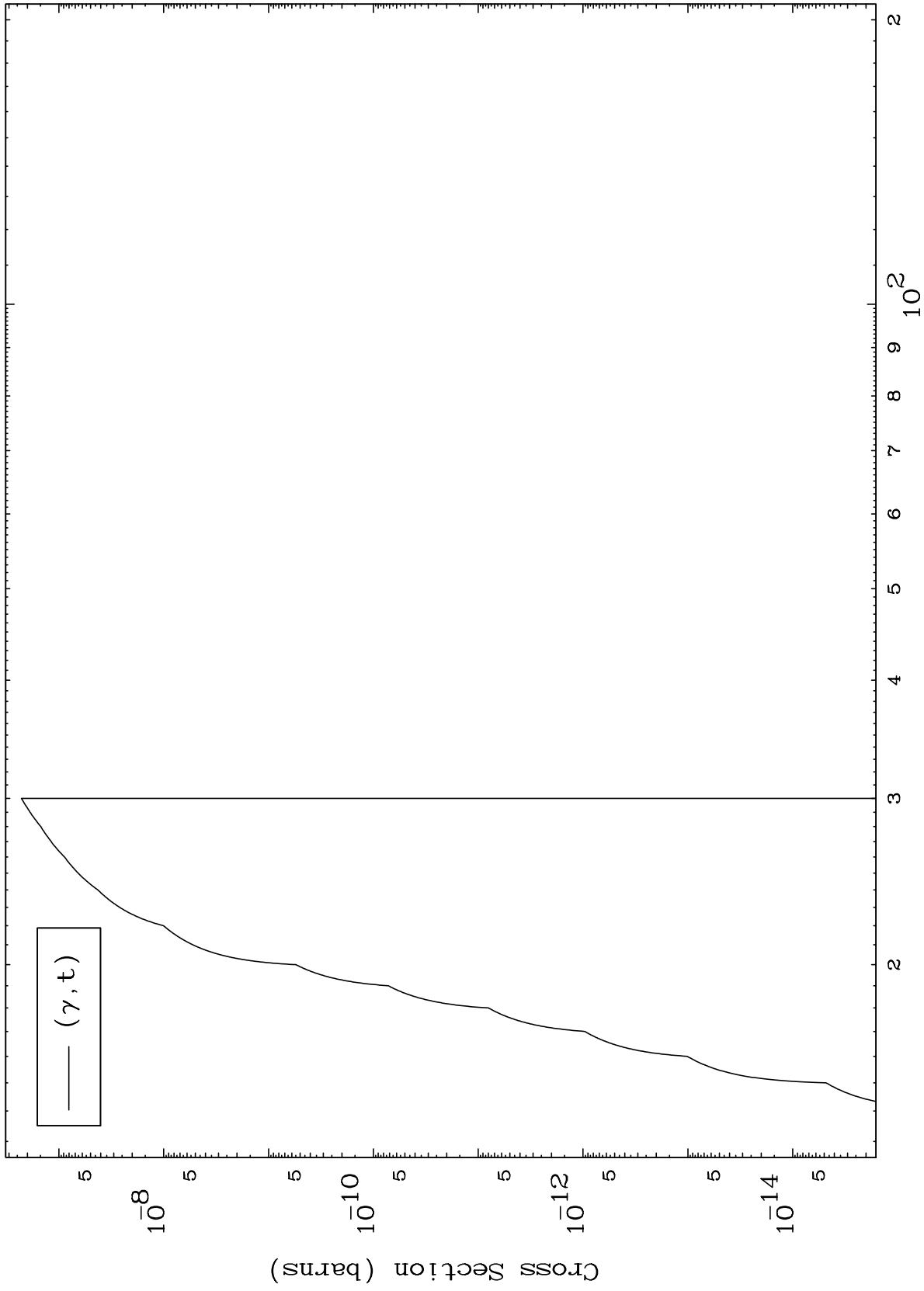
83-Bi-195

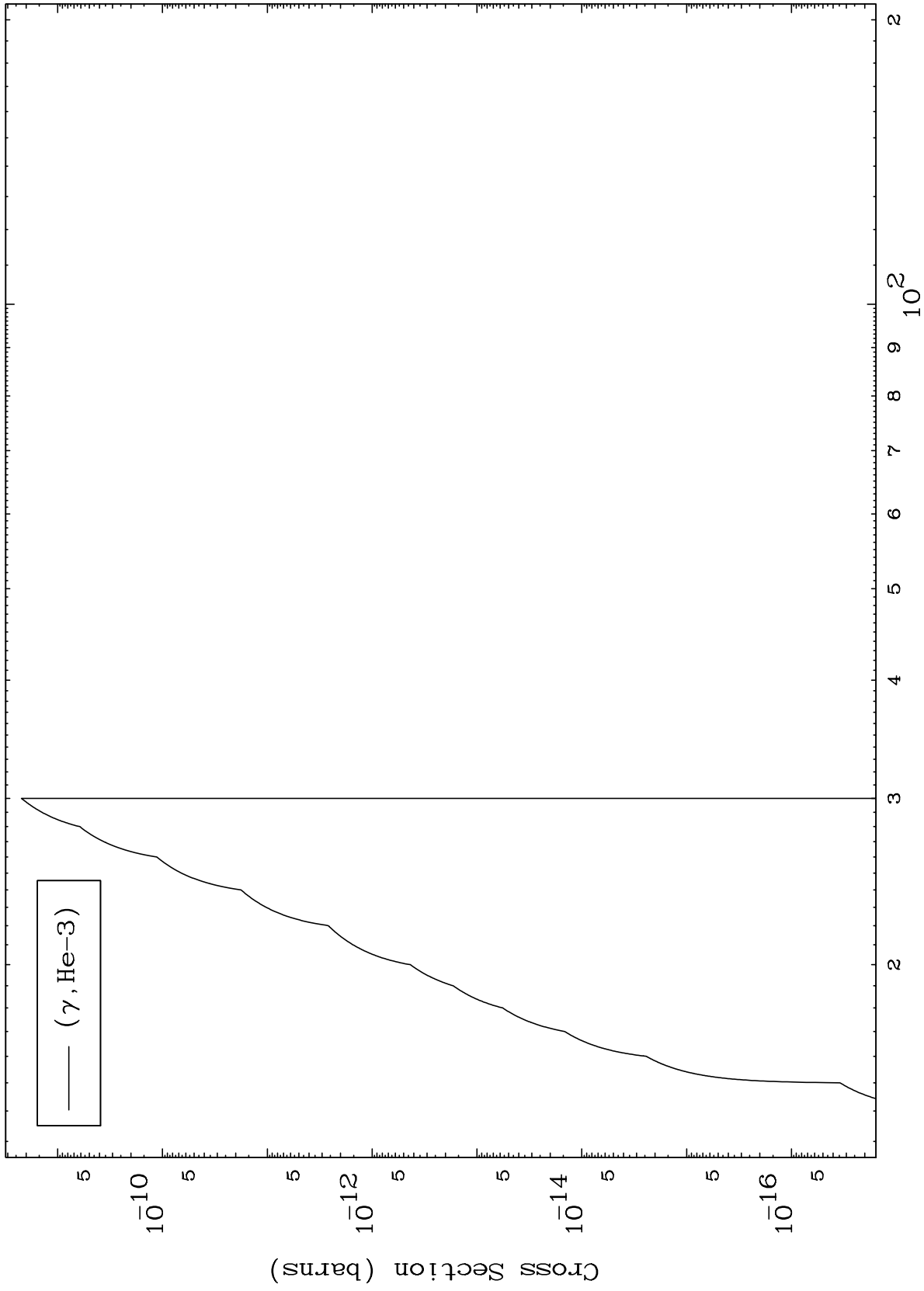


7

Incident Energy (MeV)

83-Bi-195

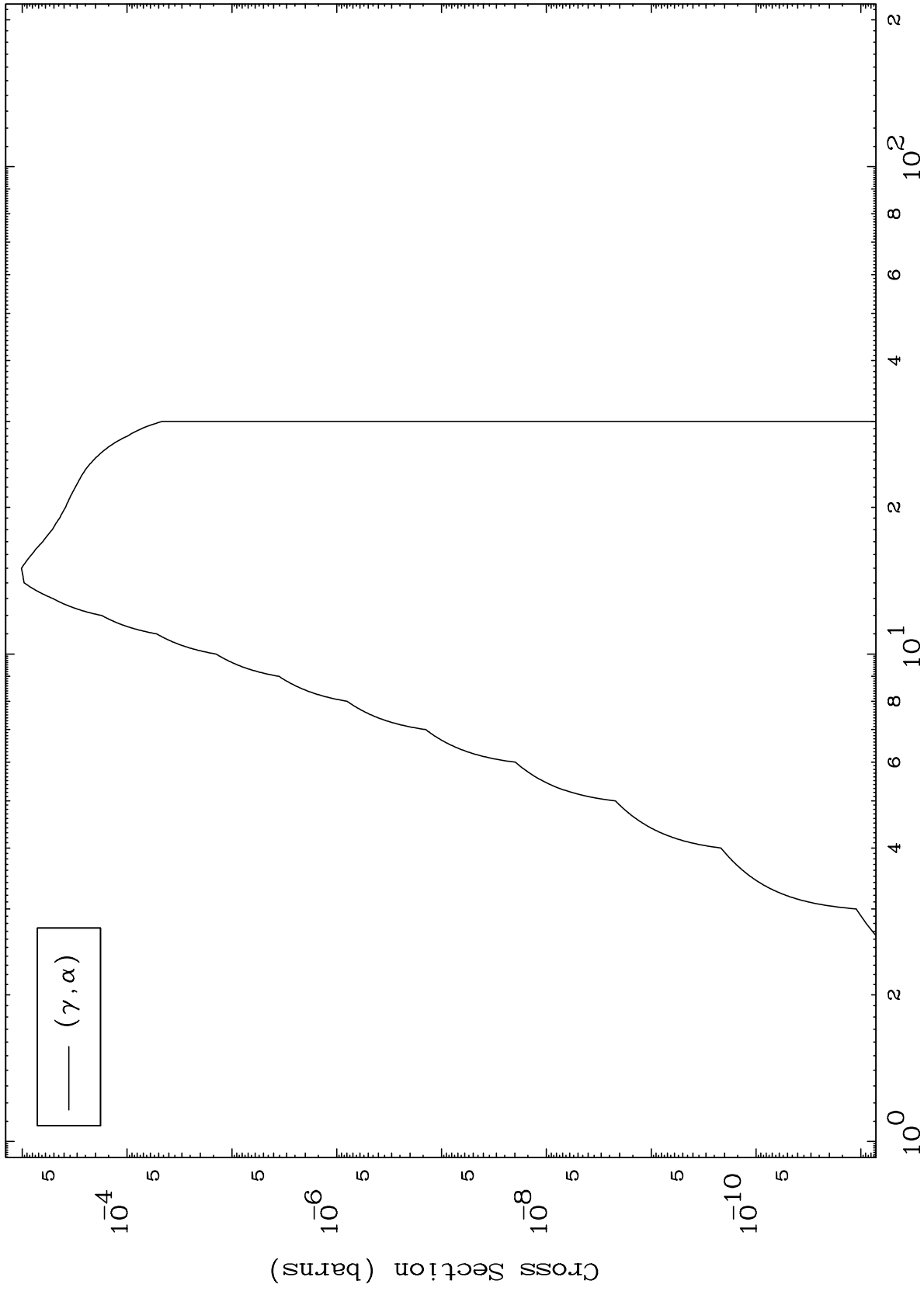




MAT 8283

(γ, α) Levels
0 Kelvin Cross Sections

83-Bi-195



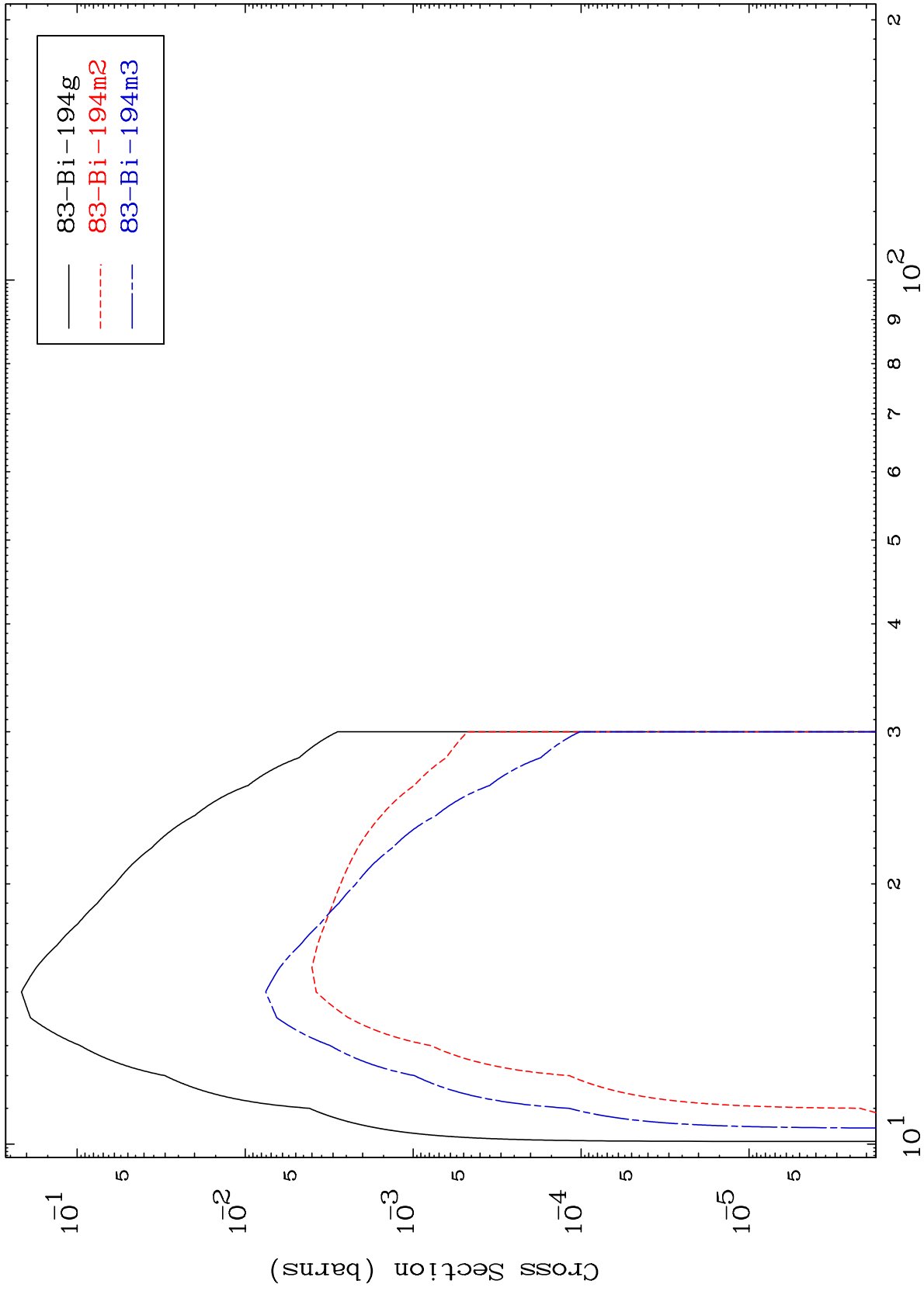
Incident Energy (MeV)

83-Bi-195

MAT 8283

Photon Inelastic
Radionuclide Production Cross Section

83-Bi-195



11

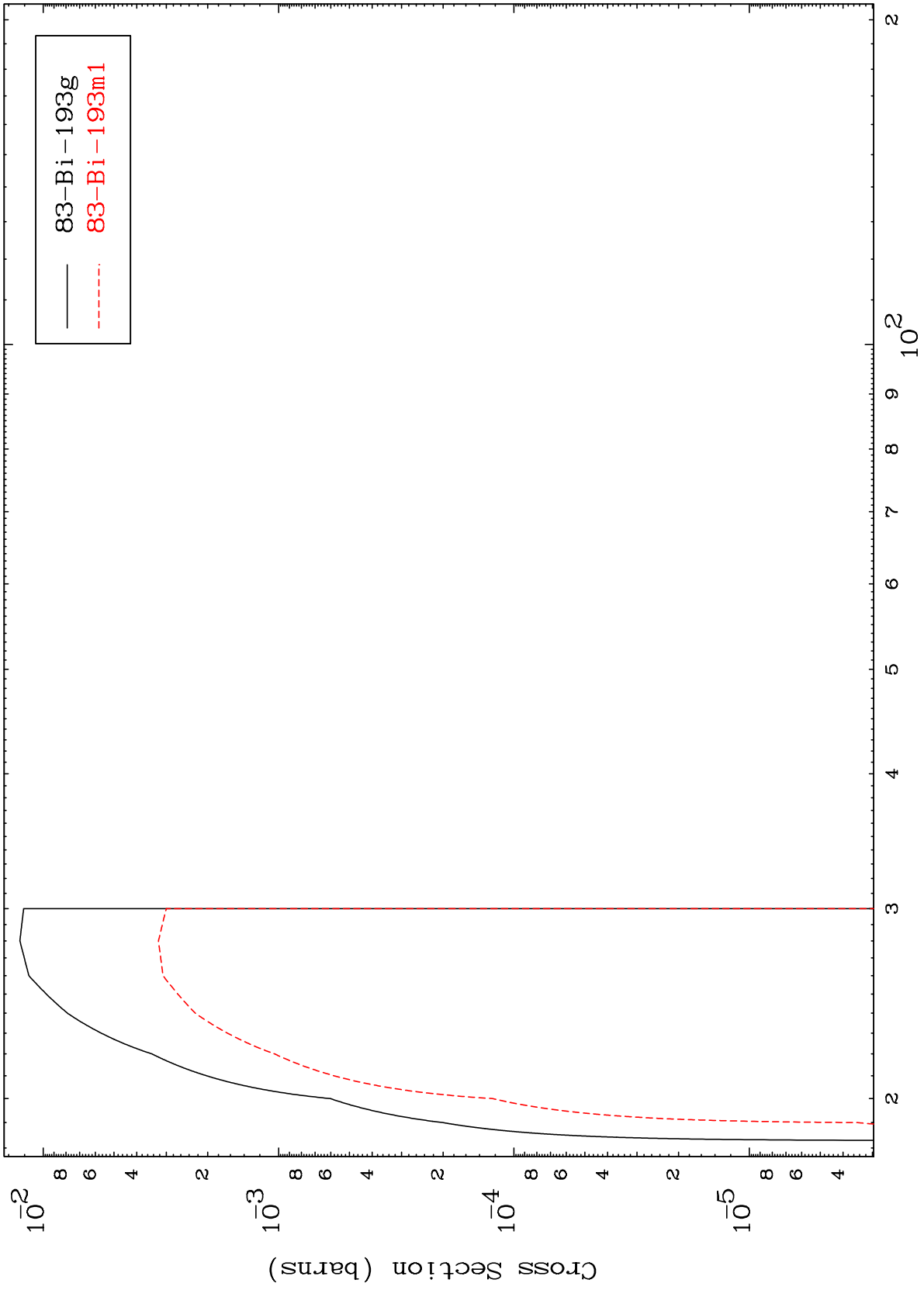
Incident Energy (MeV)

83-Bi-195

MAT 8283

83-Bi-195

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



12

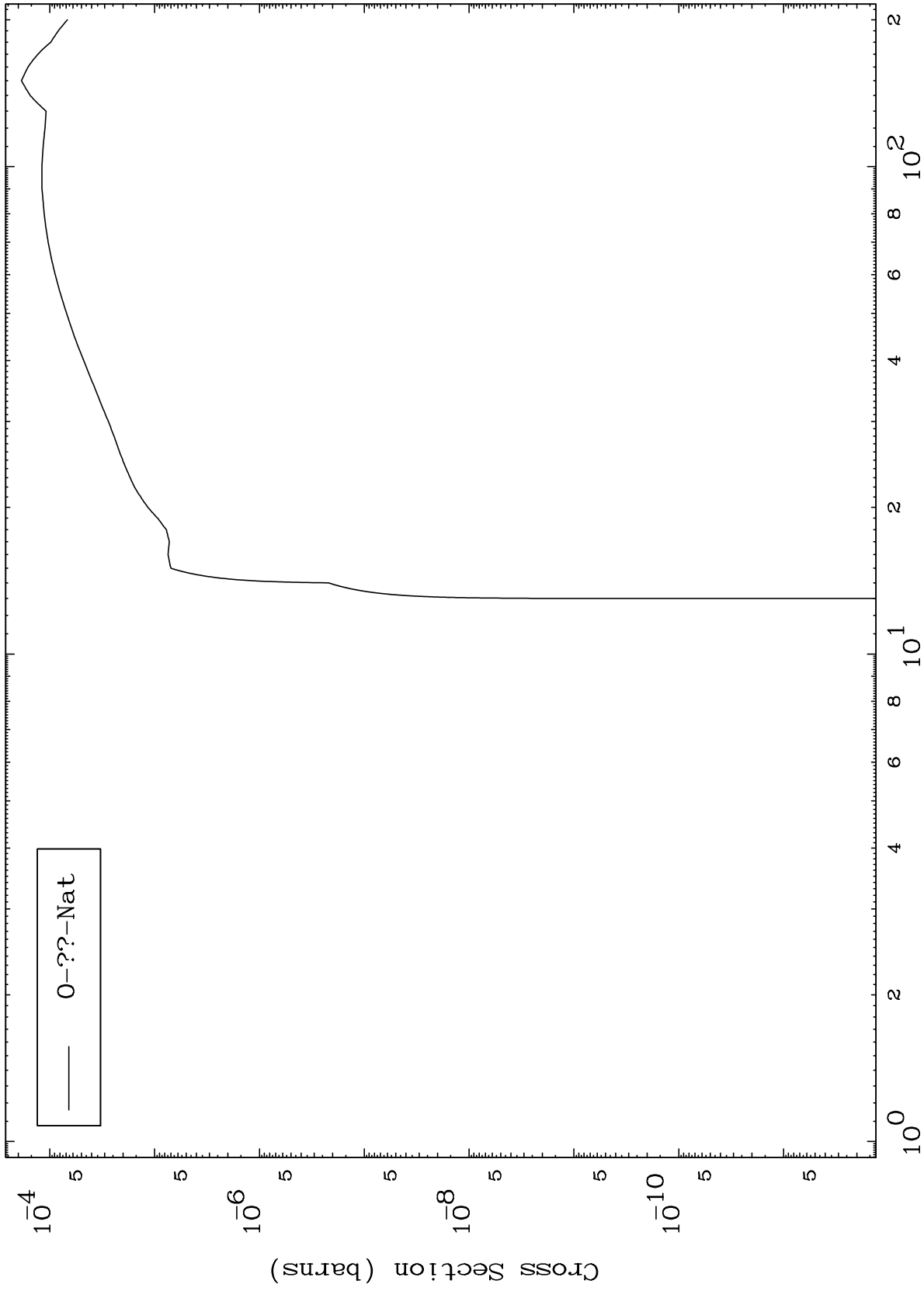
83-Bi-195

MAT 8283

Photon Fission

83-Bi-195

Radionuclide Production Cross Section



13

Incident Energy (MeV)

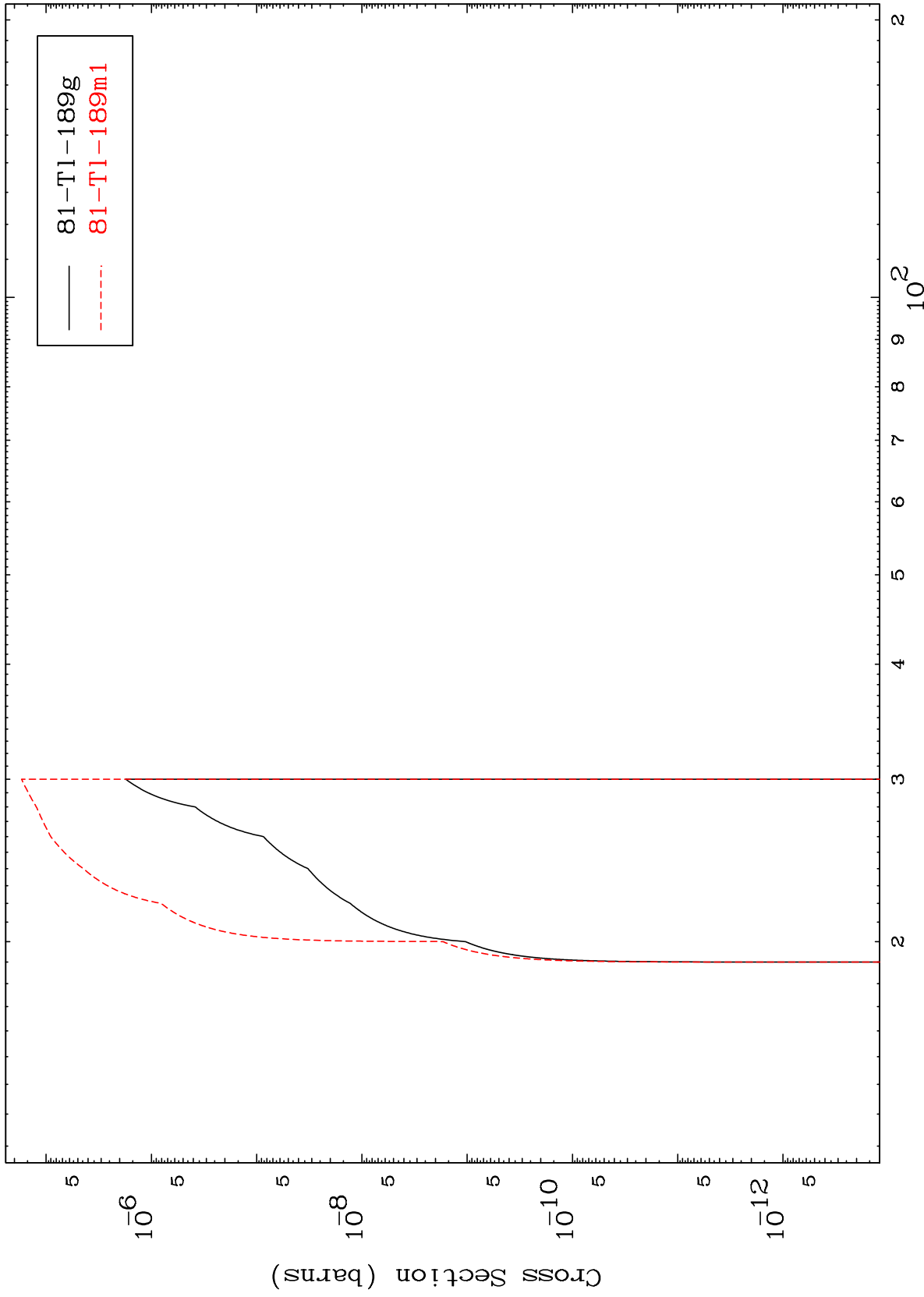
83-Bi-195

MAT 8283

$(\gamma, 2n) \alpha$

83-Bi-195

Radionuclide Production Cross Section



14

Incident Energy (MeV)

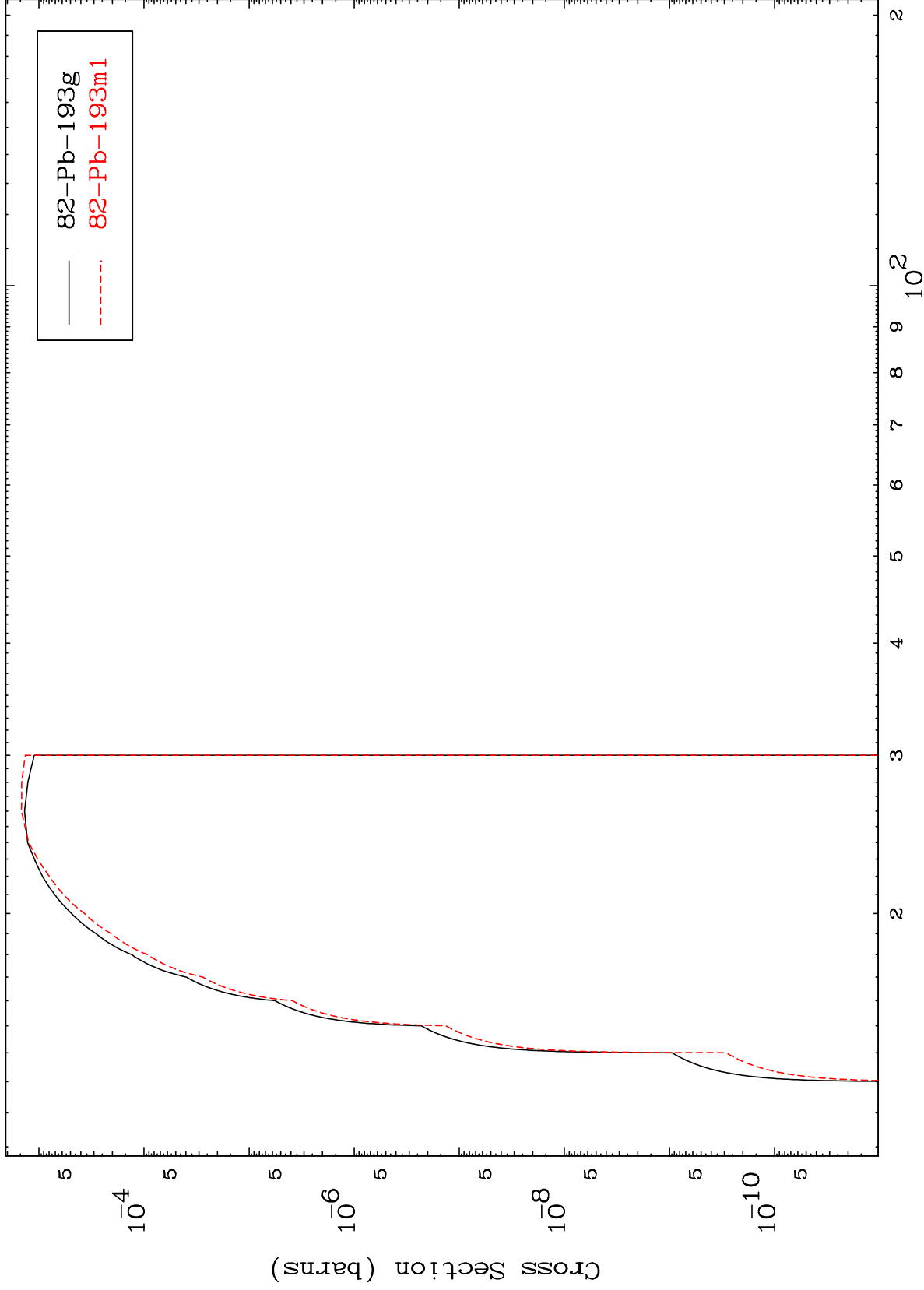
83-Bi-195

MAT 8283

(γ, n') p

83-Bi-195

Radionuclide Production Cross Section



15

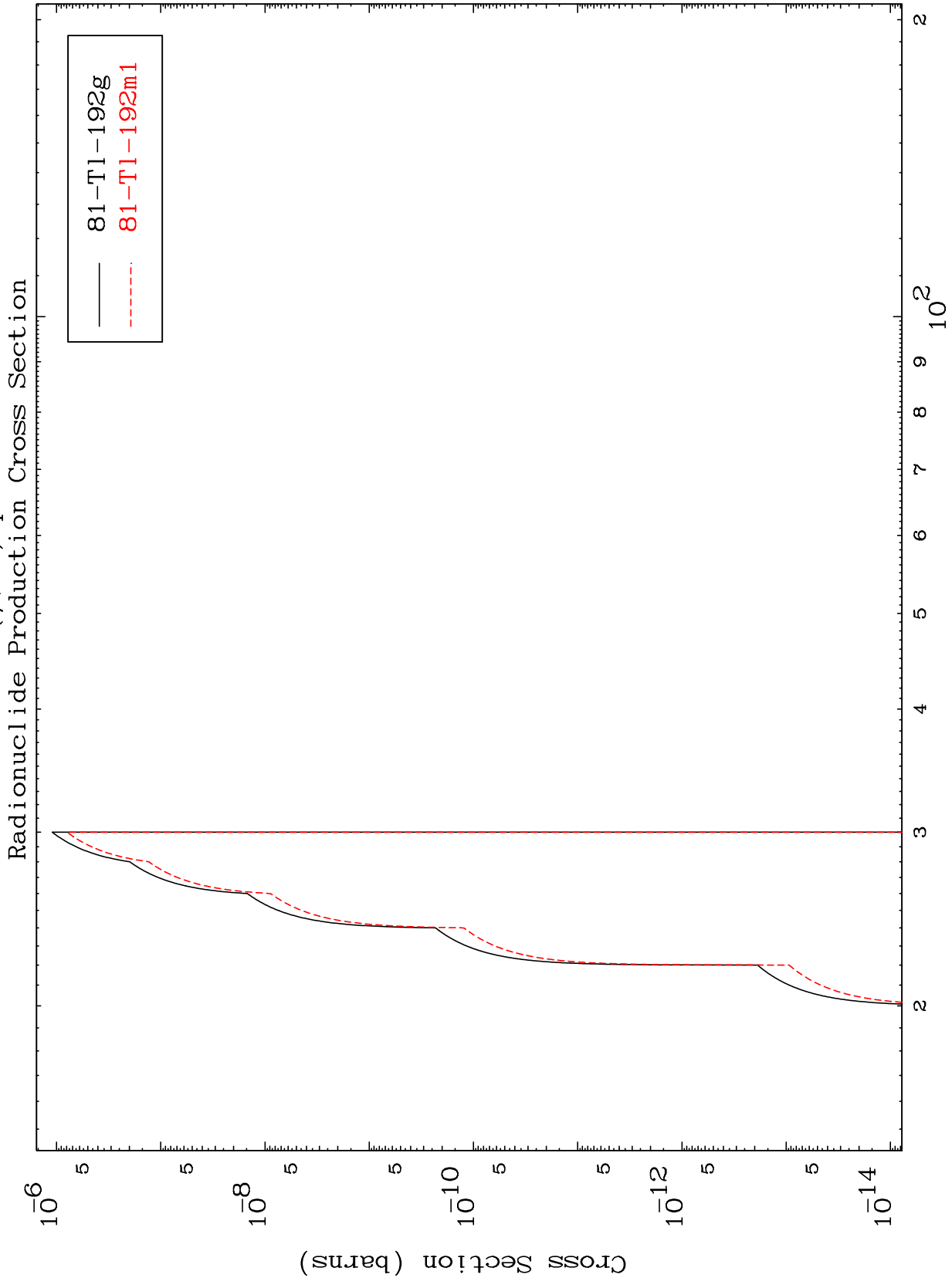
Incident Energy (MeV)

83-Bi-195

MAT 8283

($\gamma, 2n$) p

83-Bi-195



16

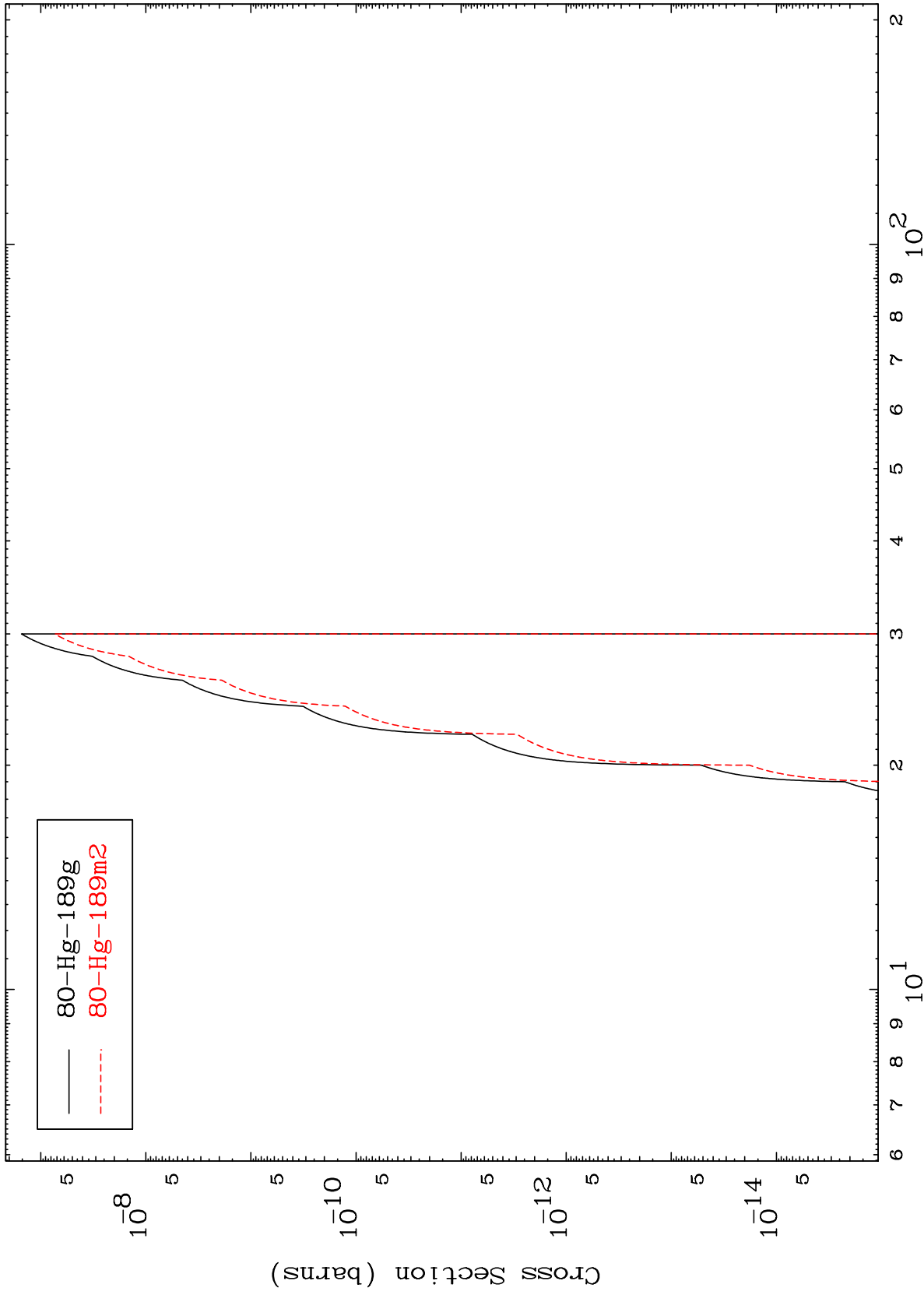
Incident Energy (MeV)

83-Bi-195

MAT 8283

83-Bi-195

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



17

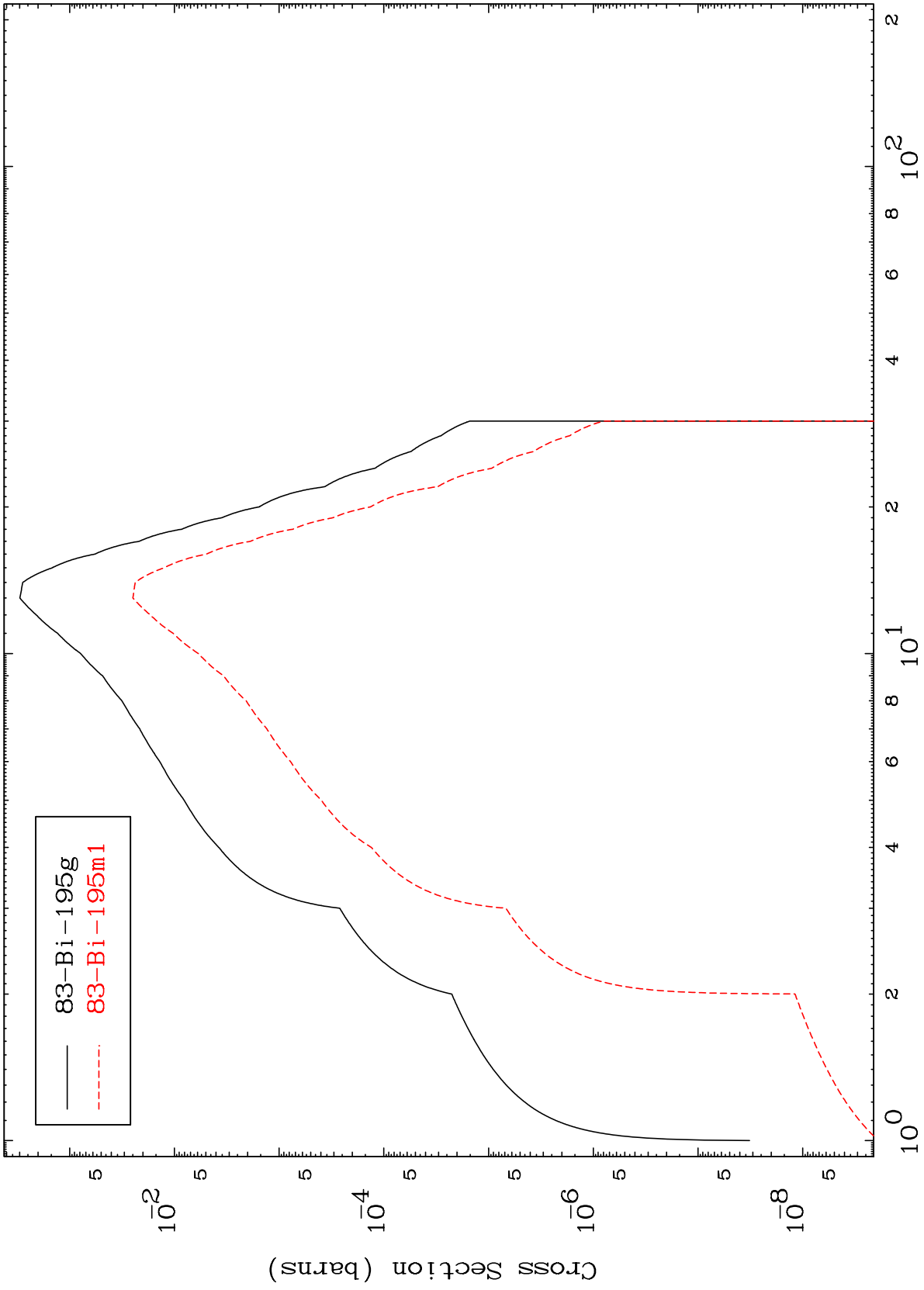
Incident Energy (MeV)

83-Bi-195

MAT 8283

Radionuclide Production Cross Section
(γ, γ)

83-Bi-195



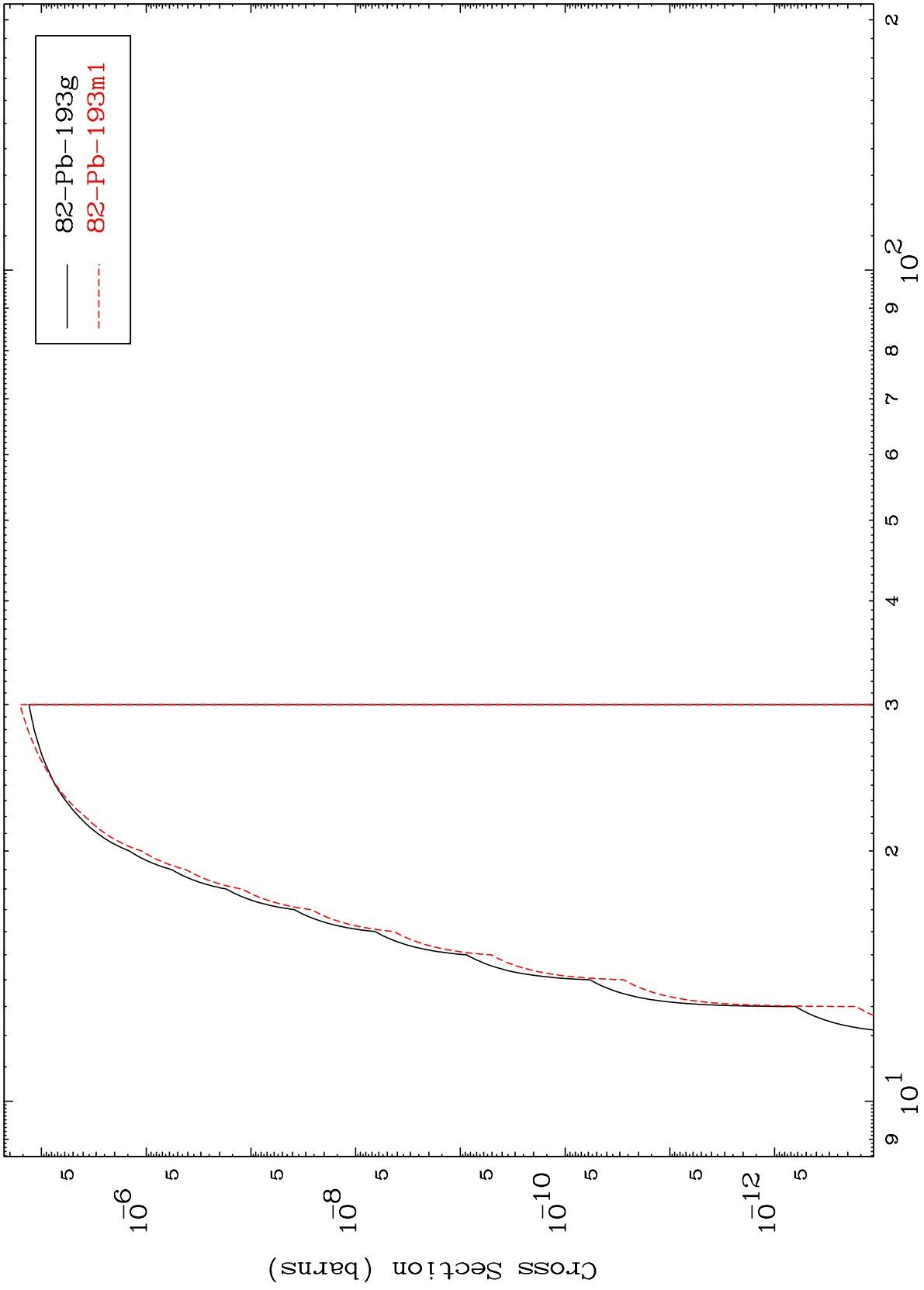
Incident Energy (MeV)

83-Bi-195

MAT 8283

83-Bi-195

(γ, d)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

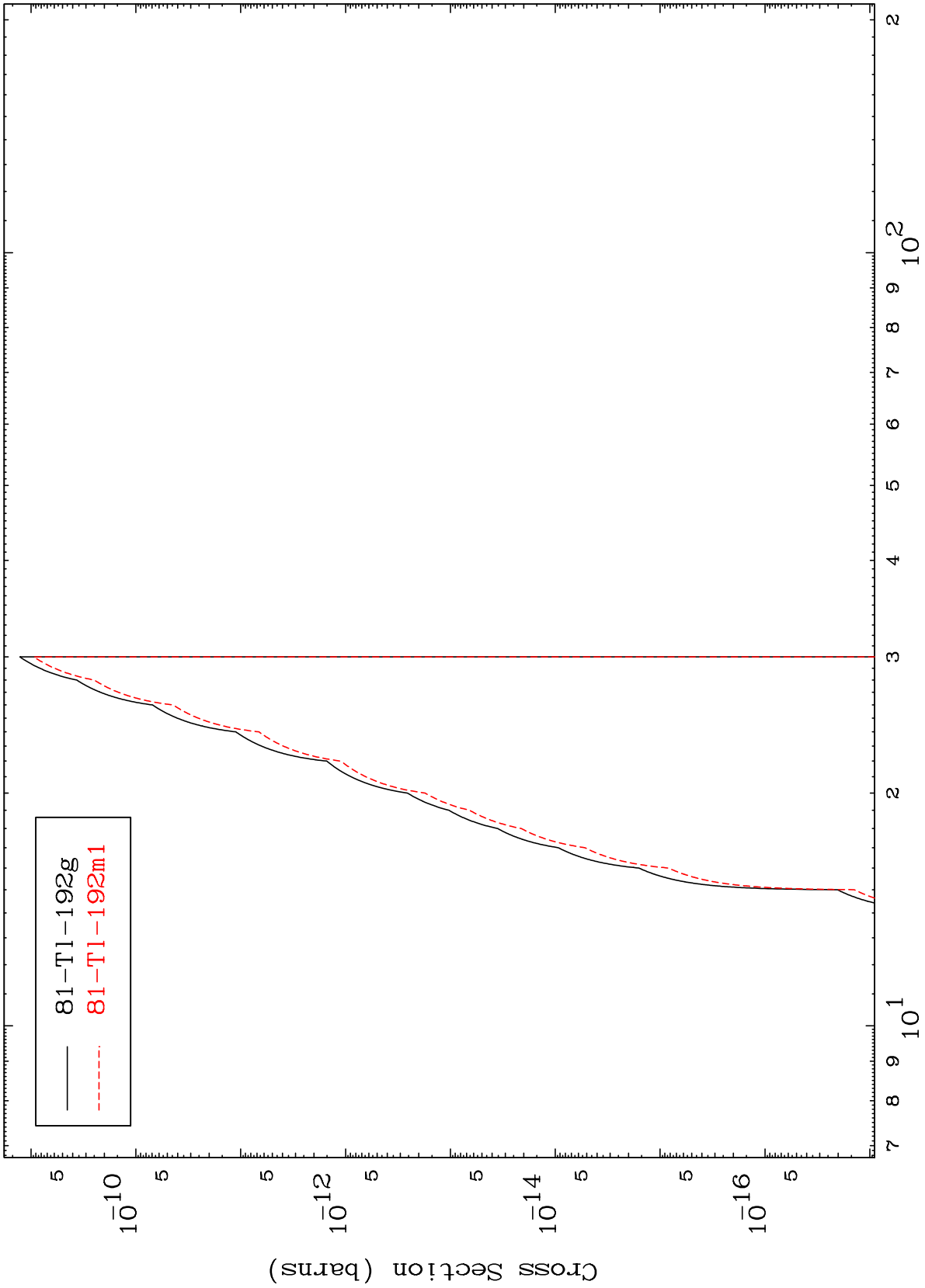
83-Bi-195

MAT 8283

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

83-Bi-195

Radionuclide Production Cross Section



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

20

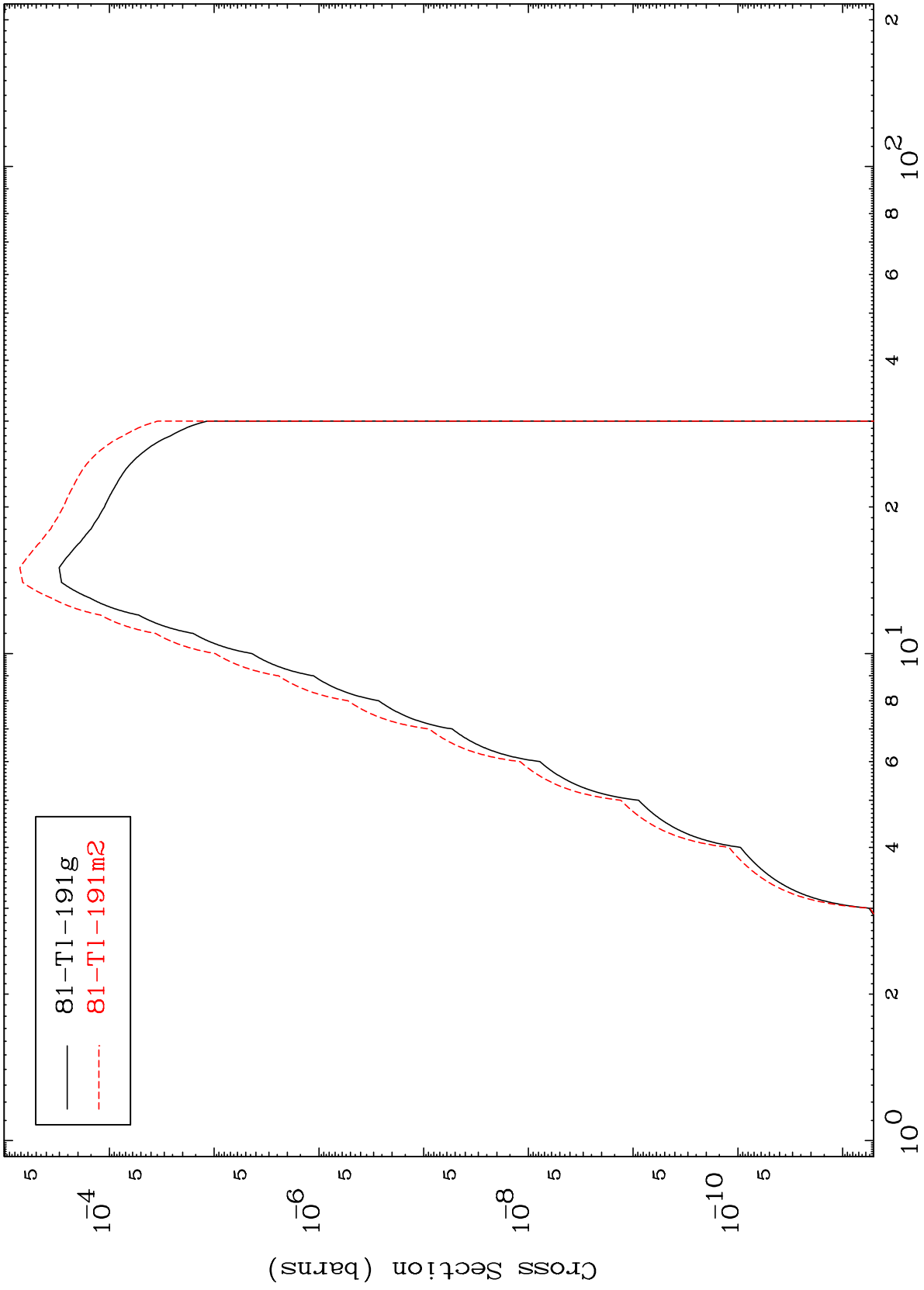
Incident Energy (MeV)

83-Bi-195

MAT 8283

83-Bi-195

Radionuclide Production Cross Section
(γ, α)



21

Incident Energy (MeV)

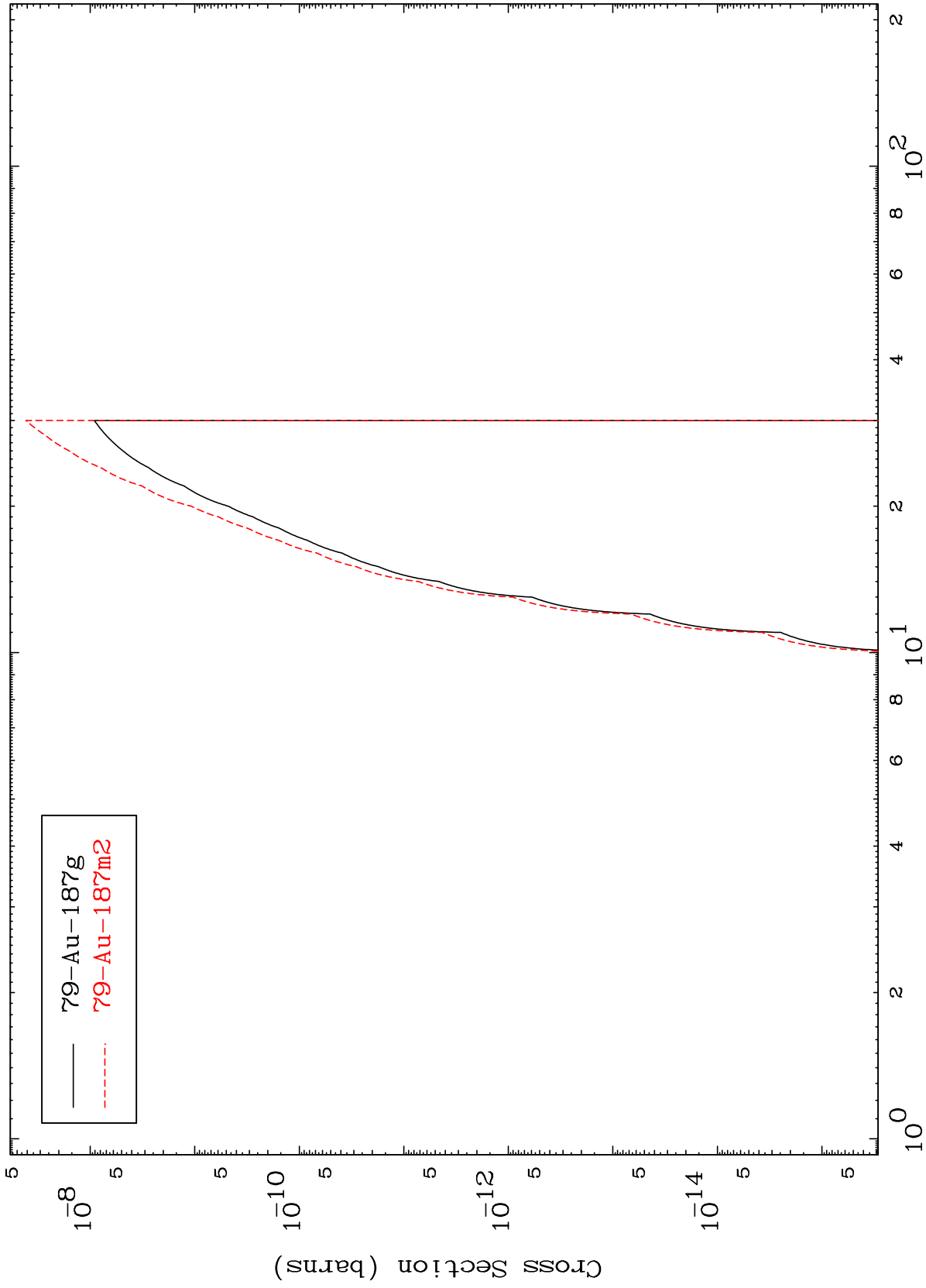
83-Bi-195

MAT 8283

($\gamma, 2\alpha$)

83-Bi-195

Radionuclide Production Cross Section



22

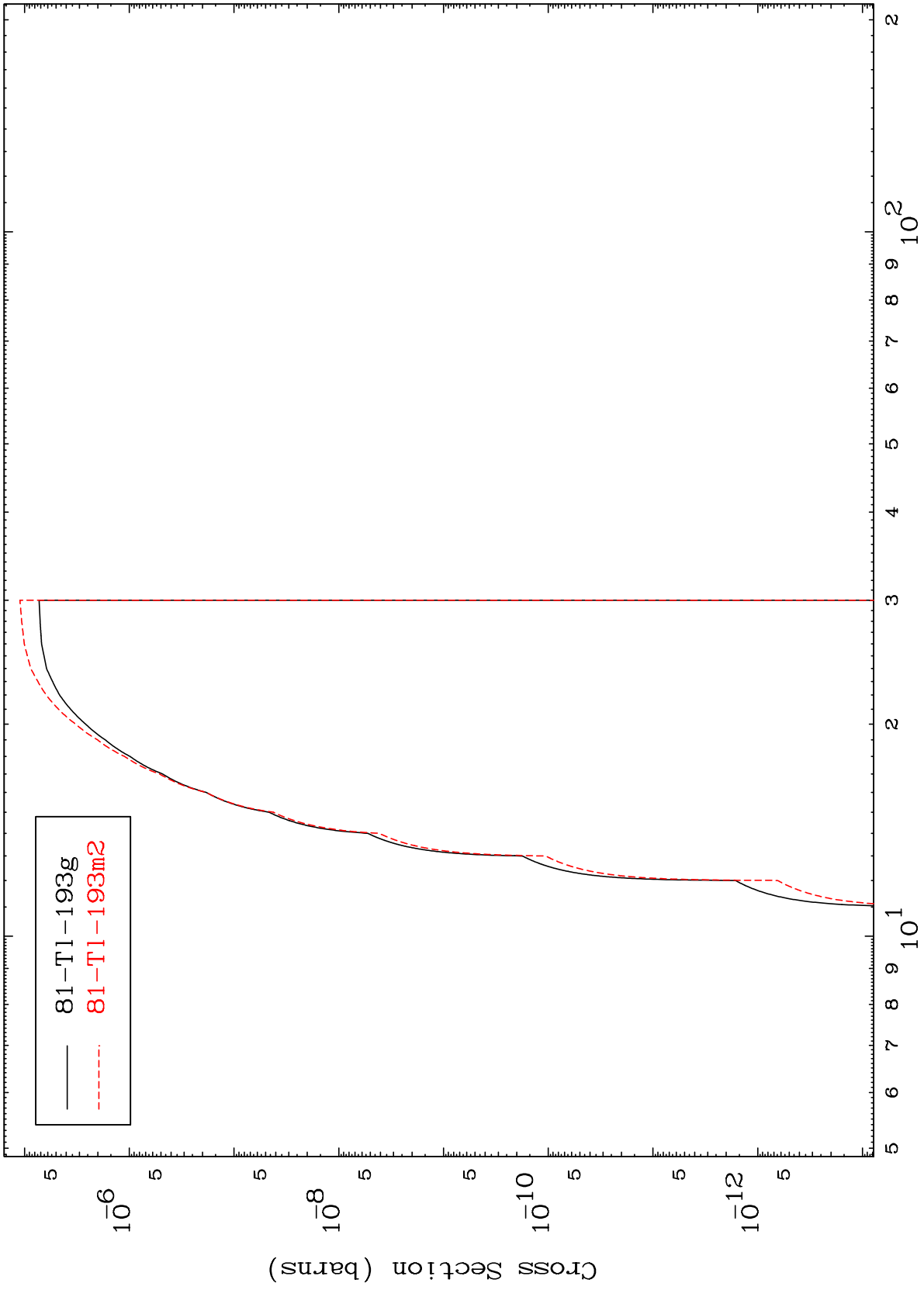
Incident Energy (MeV)

83-Bi-195

MAT 8283

83-Bi-195

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



23

Incident Energy (MeV)

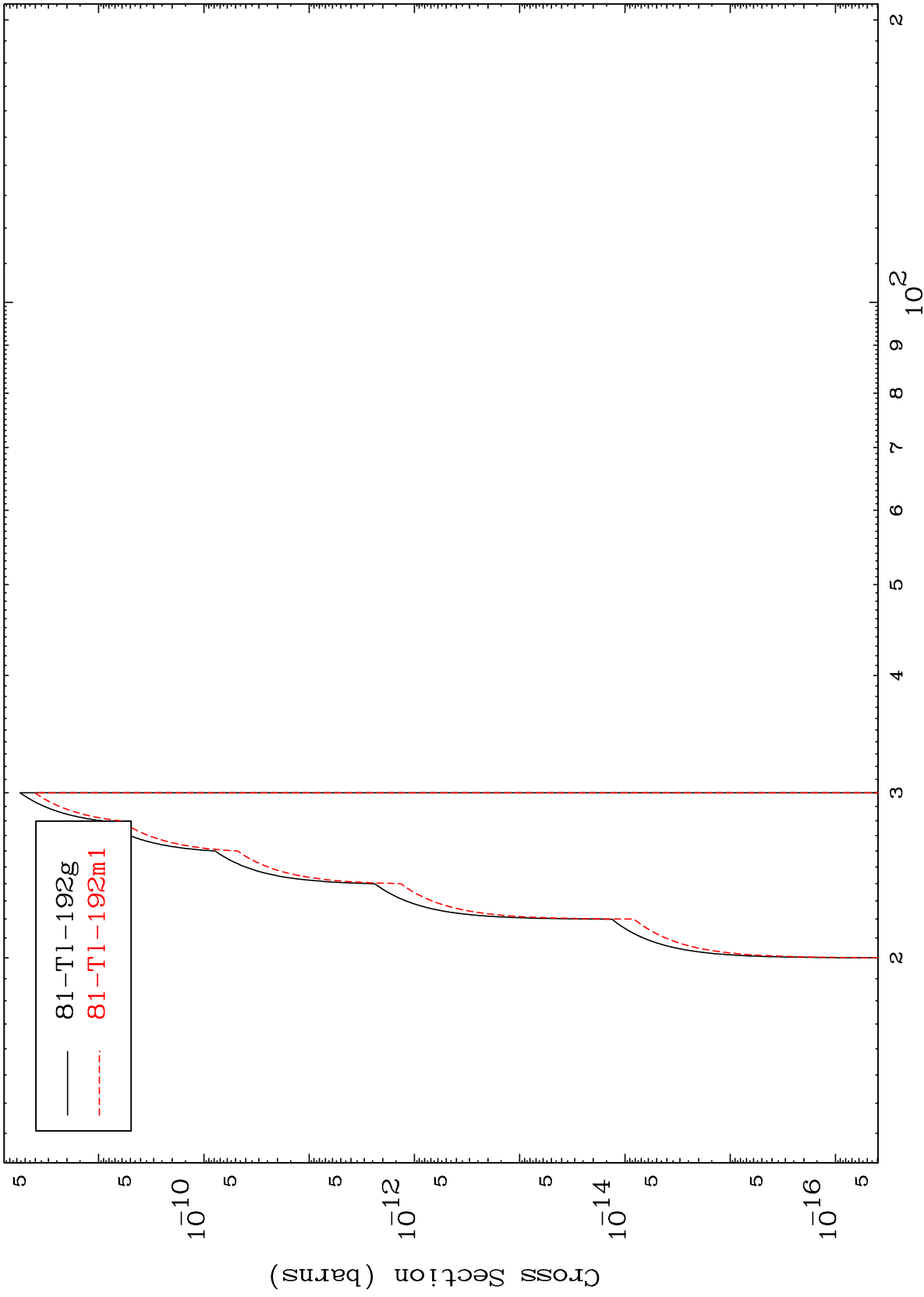
83-Bi-195

MAT 8283

(γ, p) d

83-Bi-195

Radionuclide Production Cross Section



24

Incident Energy (MeV)

83-Bi-195