

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

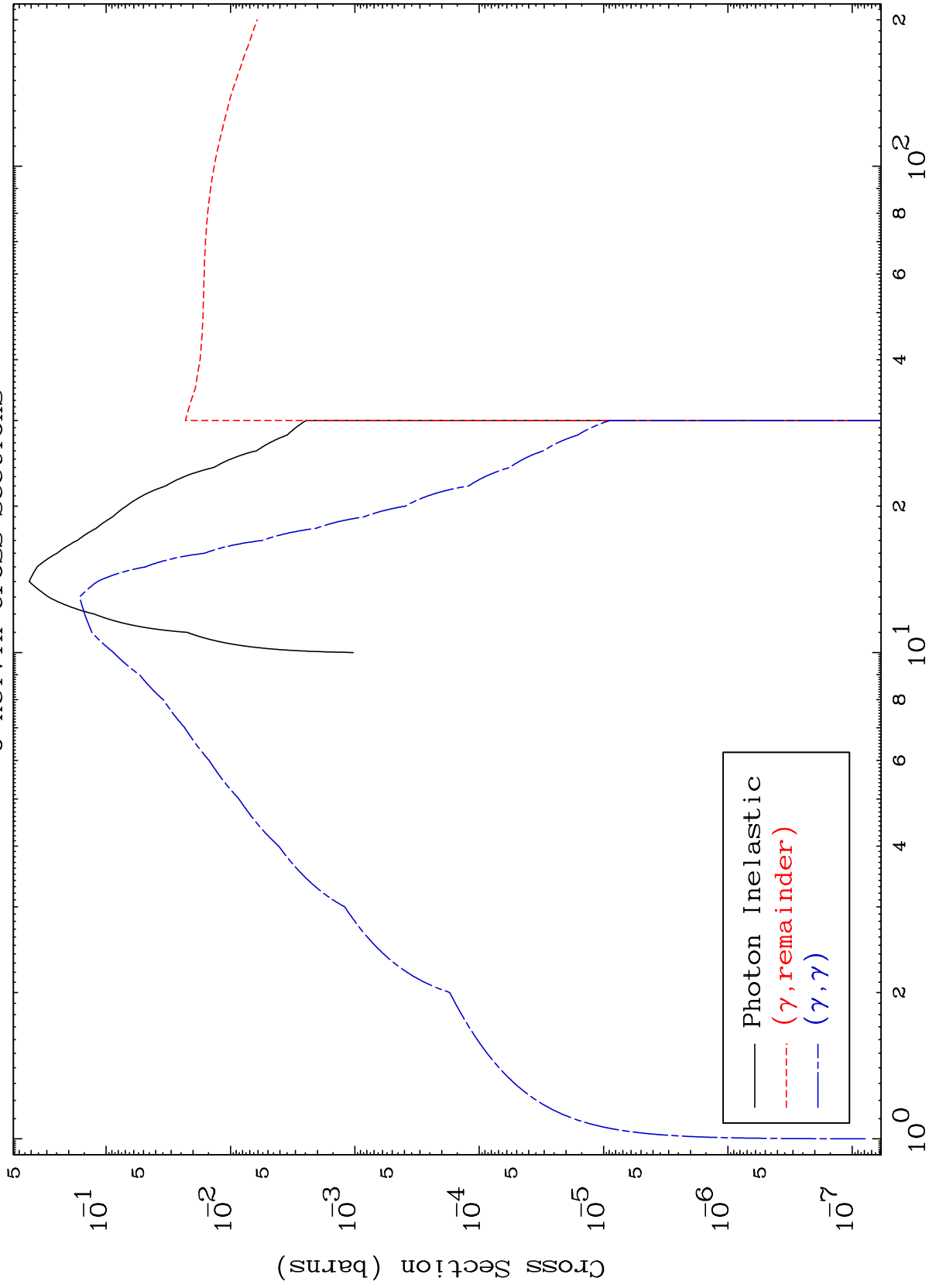
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8295

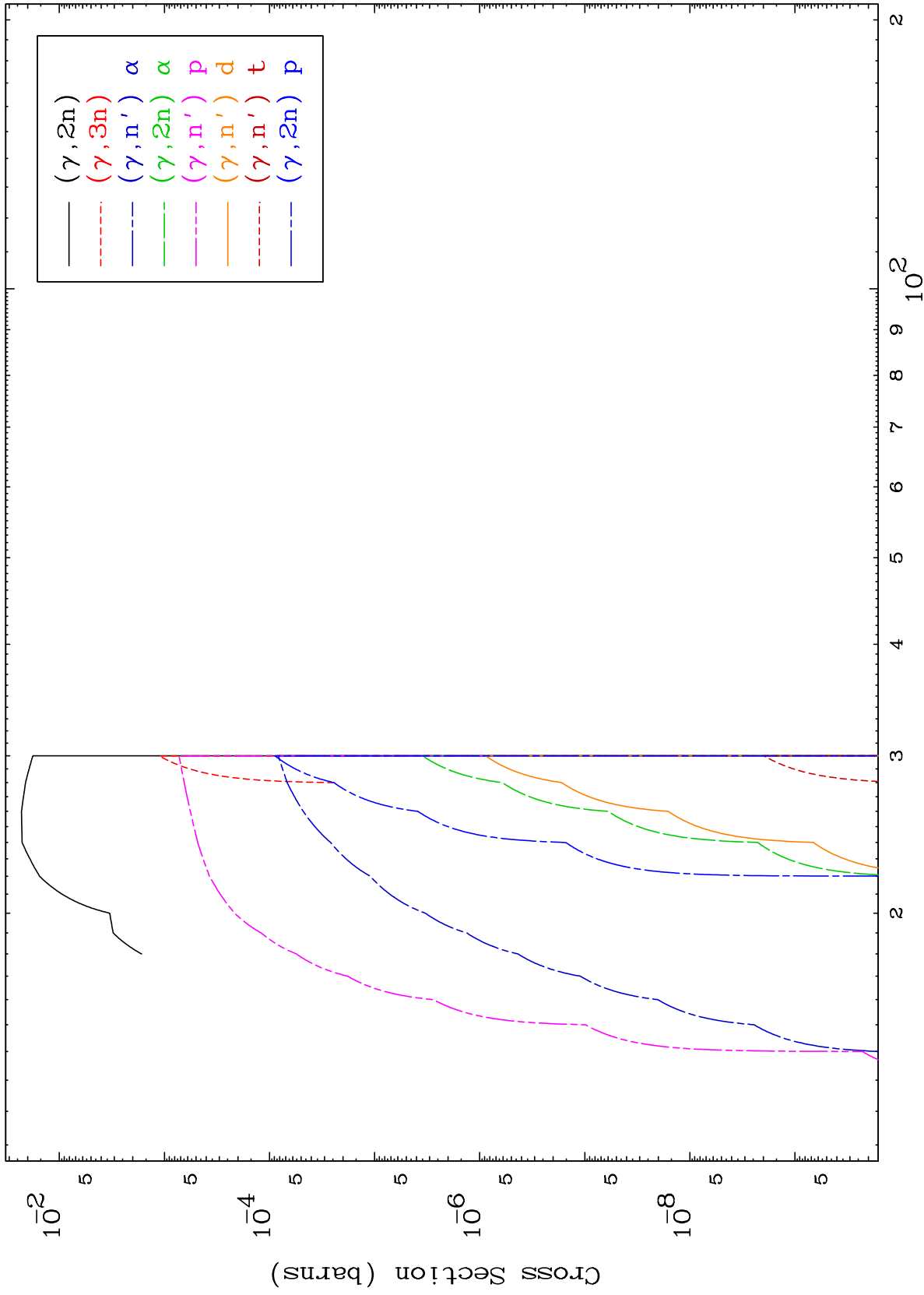
Photon Major
0 Kelvin Cross Sections

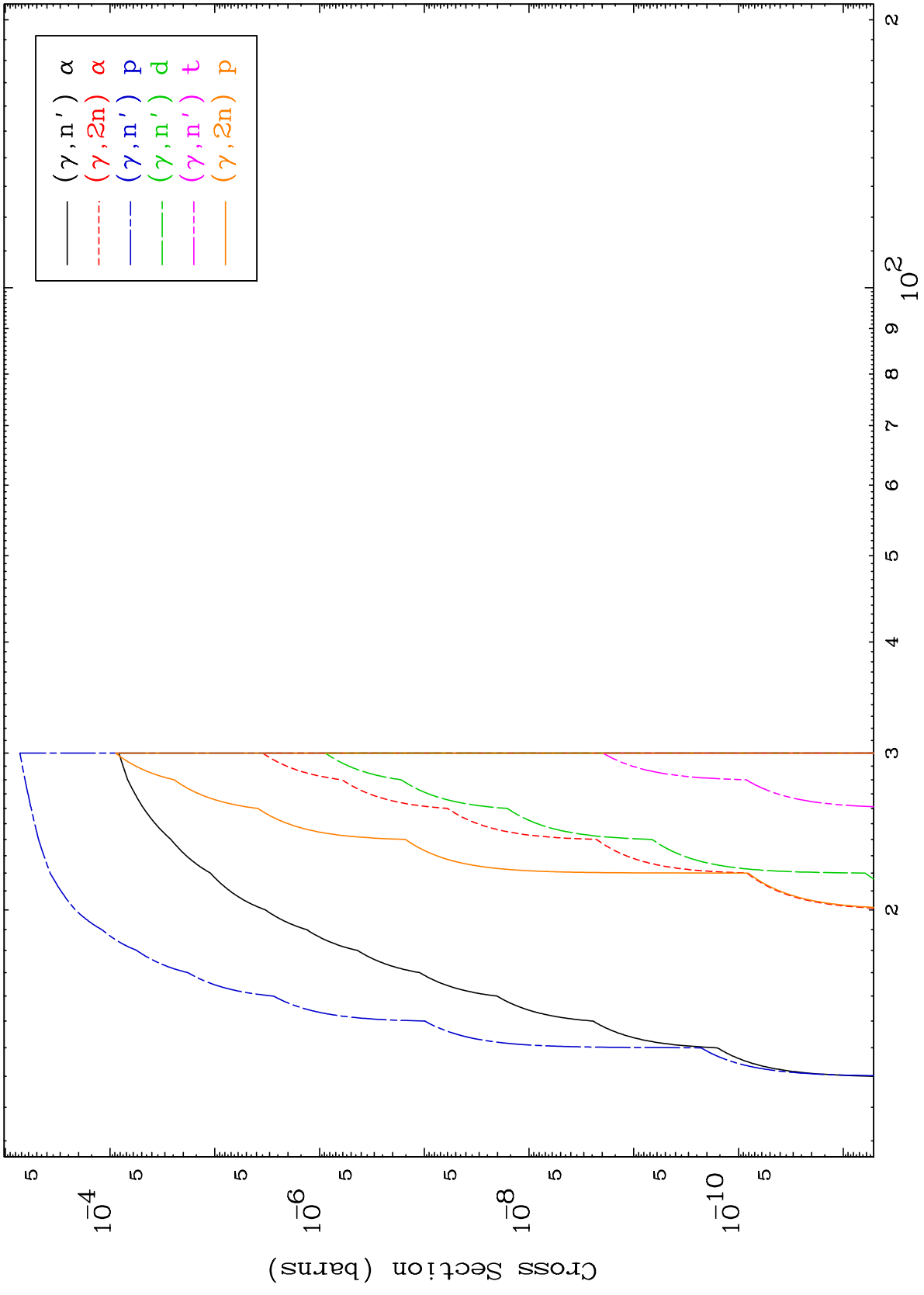
83-Bi-199

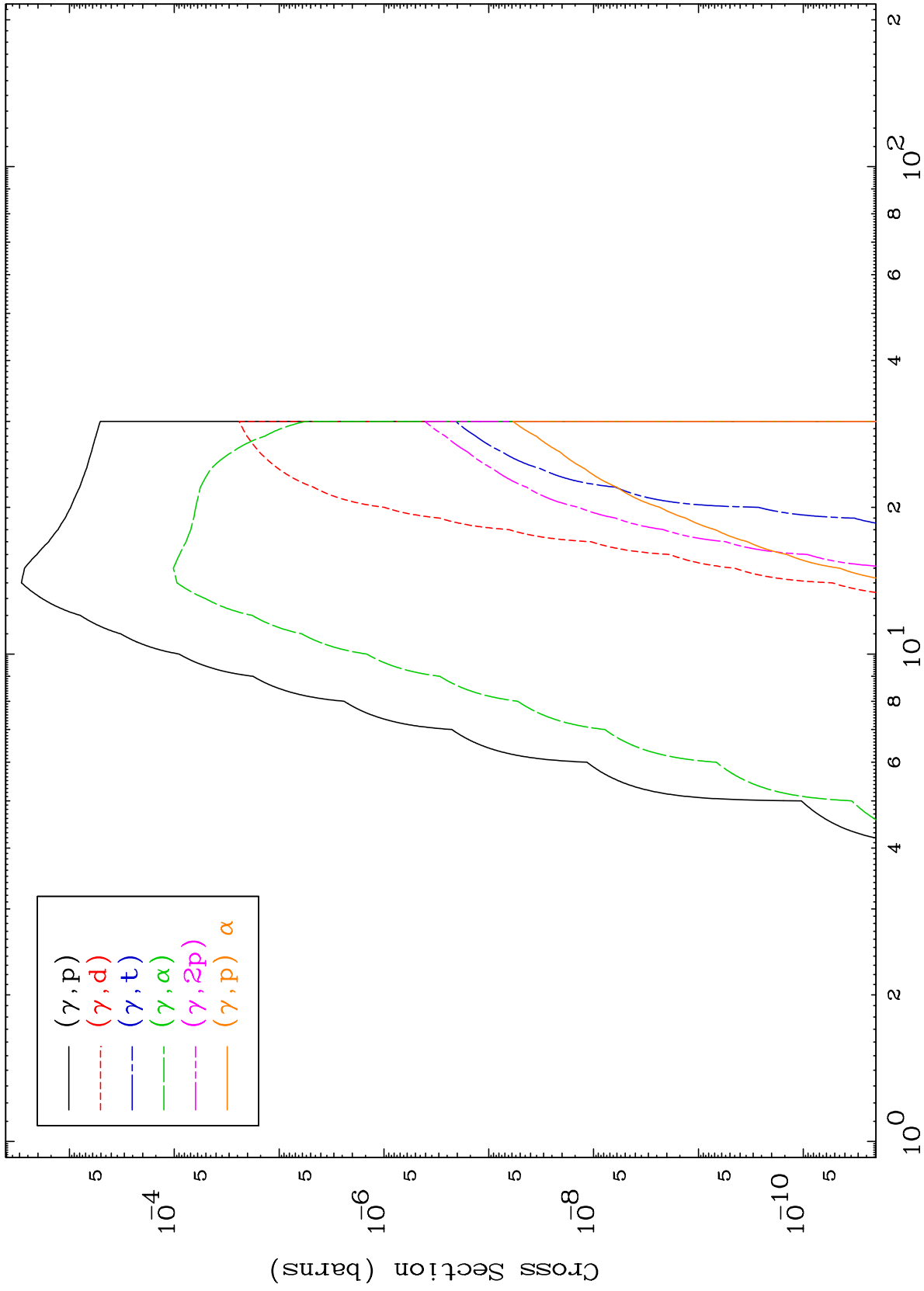


Incident Energy (MeV)

83-Bi-199



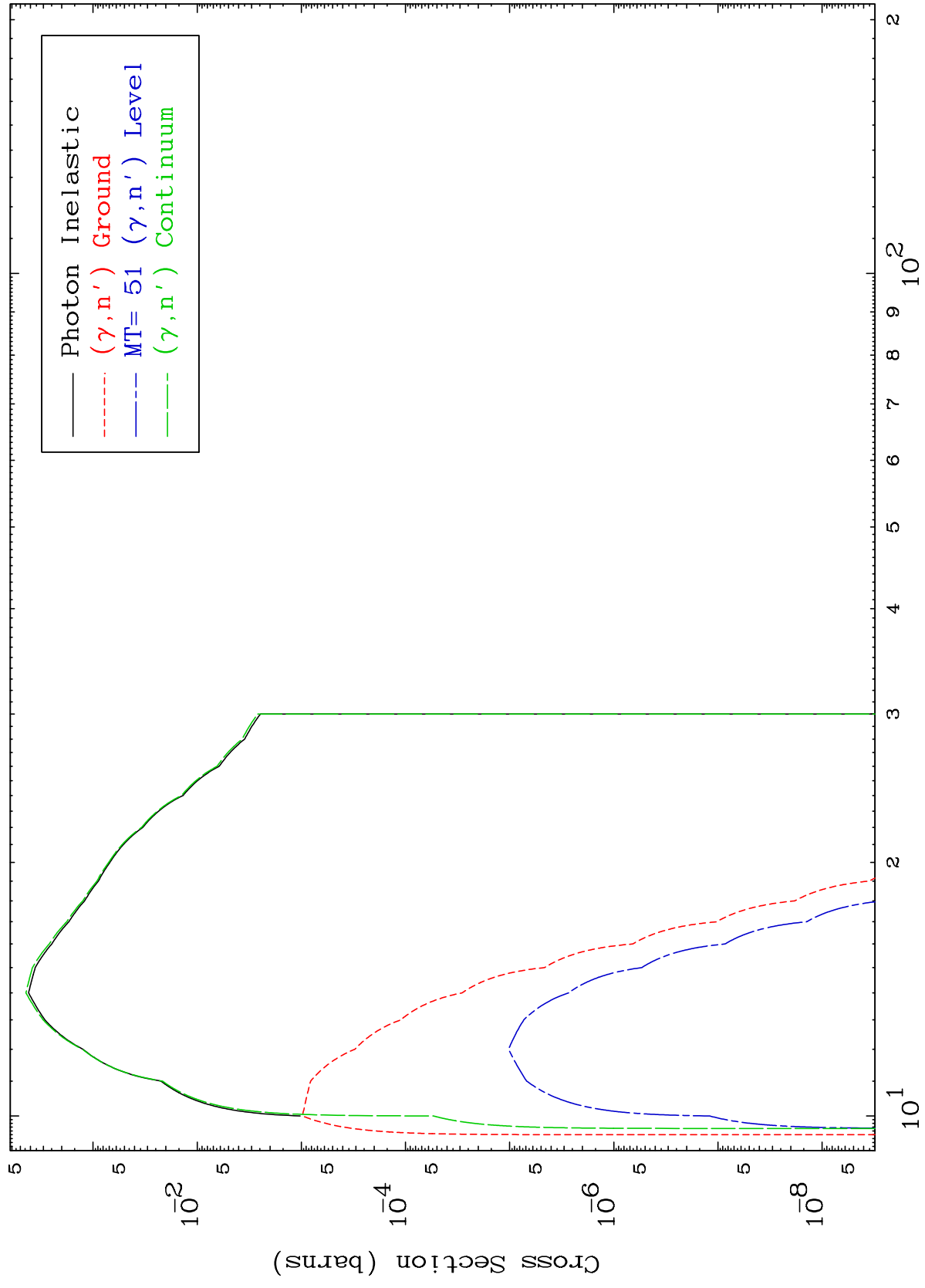




MAT 8295

(γ, n') Level
0 Kelvin Cross Sections

83-Bi-199



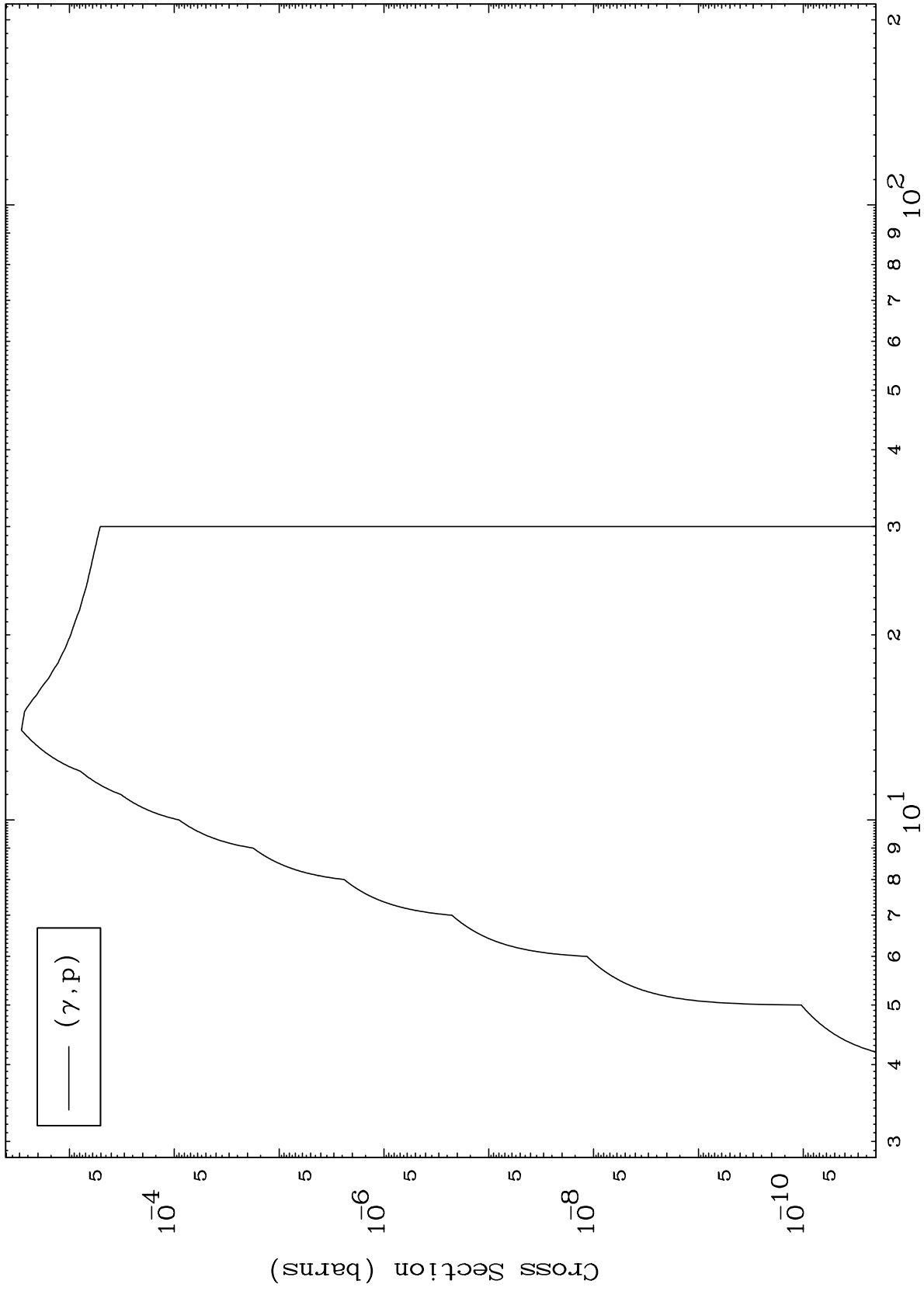
Incident Energy (MeV)

83-Bi-199

MAT 8295

(γ, p) Levels
0 Kelvin Cross Sections

83-Bi-199



6

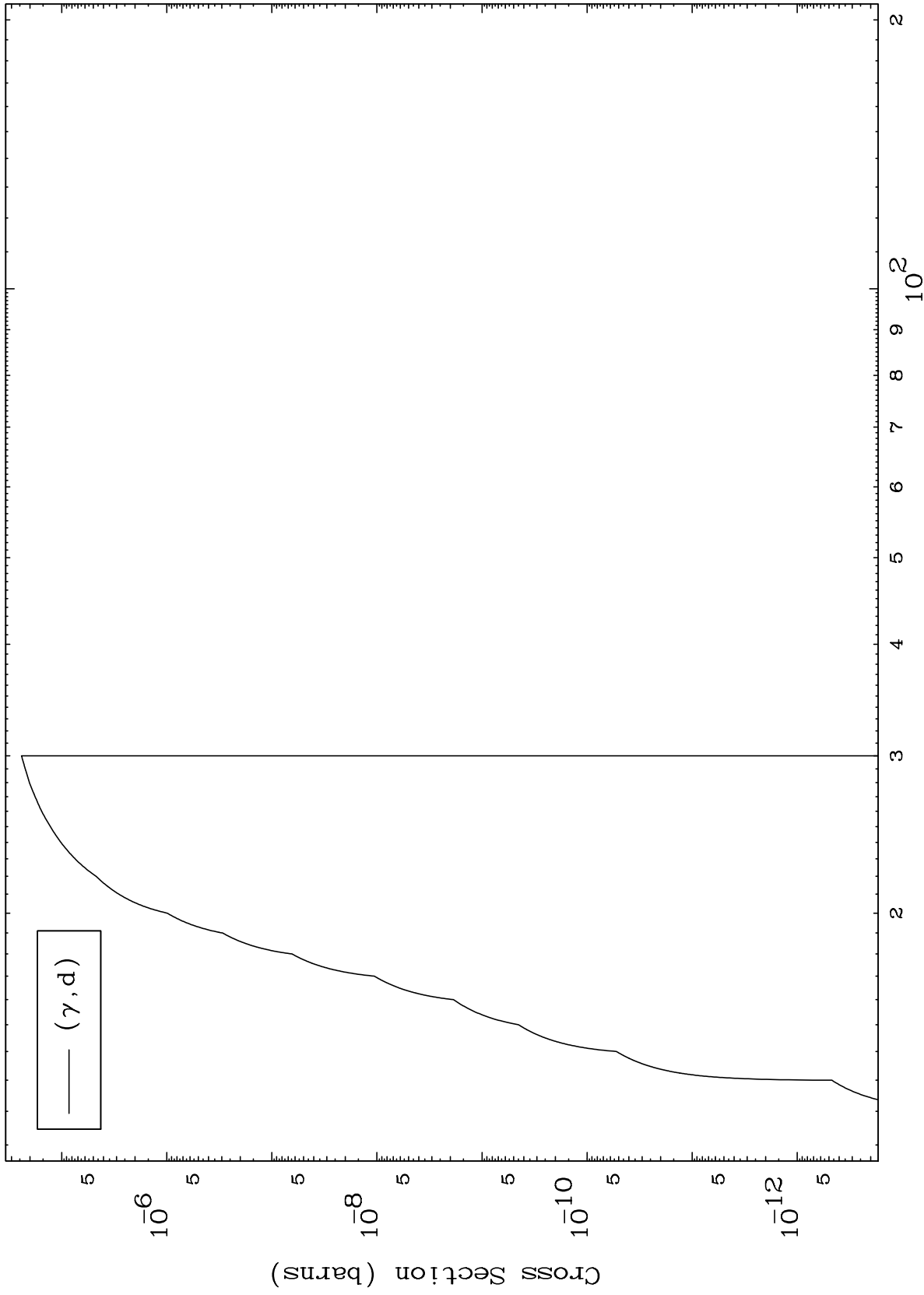
Incident Energy (MeV)

83-Bi-199

MAT 8295

(γ, d) Levels
0 Kelvin Cross Sections

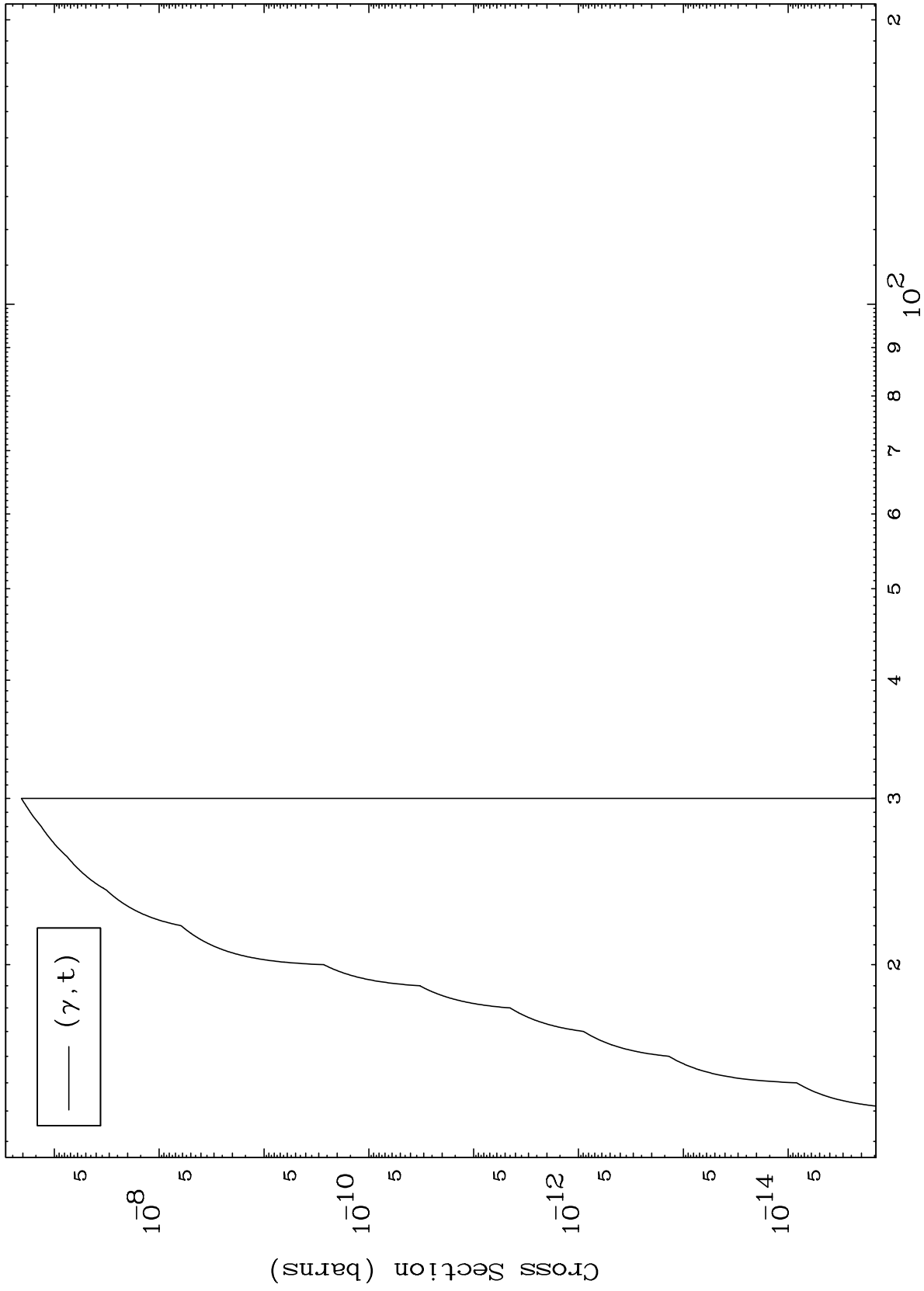
83-Bi-199



7

Incident Energy (MeV)

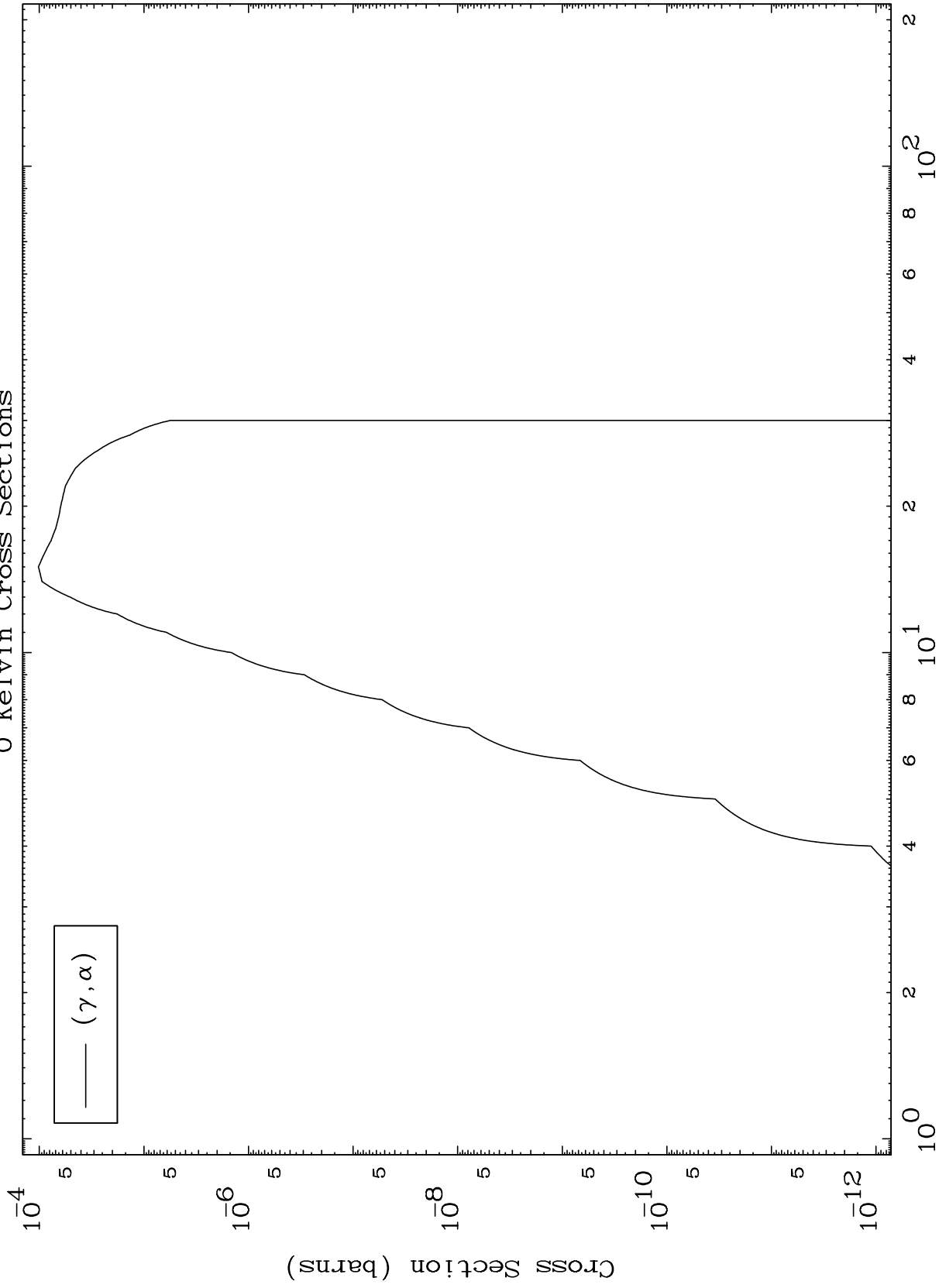
83-Bi-199



MAT 8295

(γ, α) Levels
0 Kelvin Cross Sections

83-Bi-199



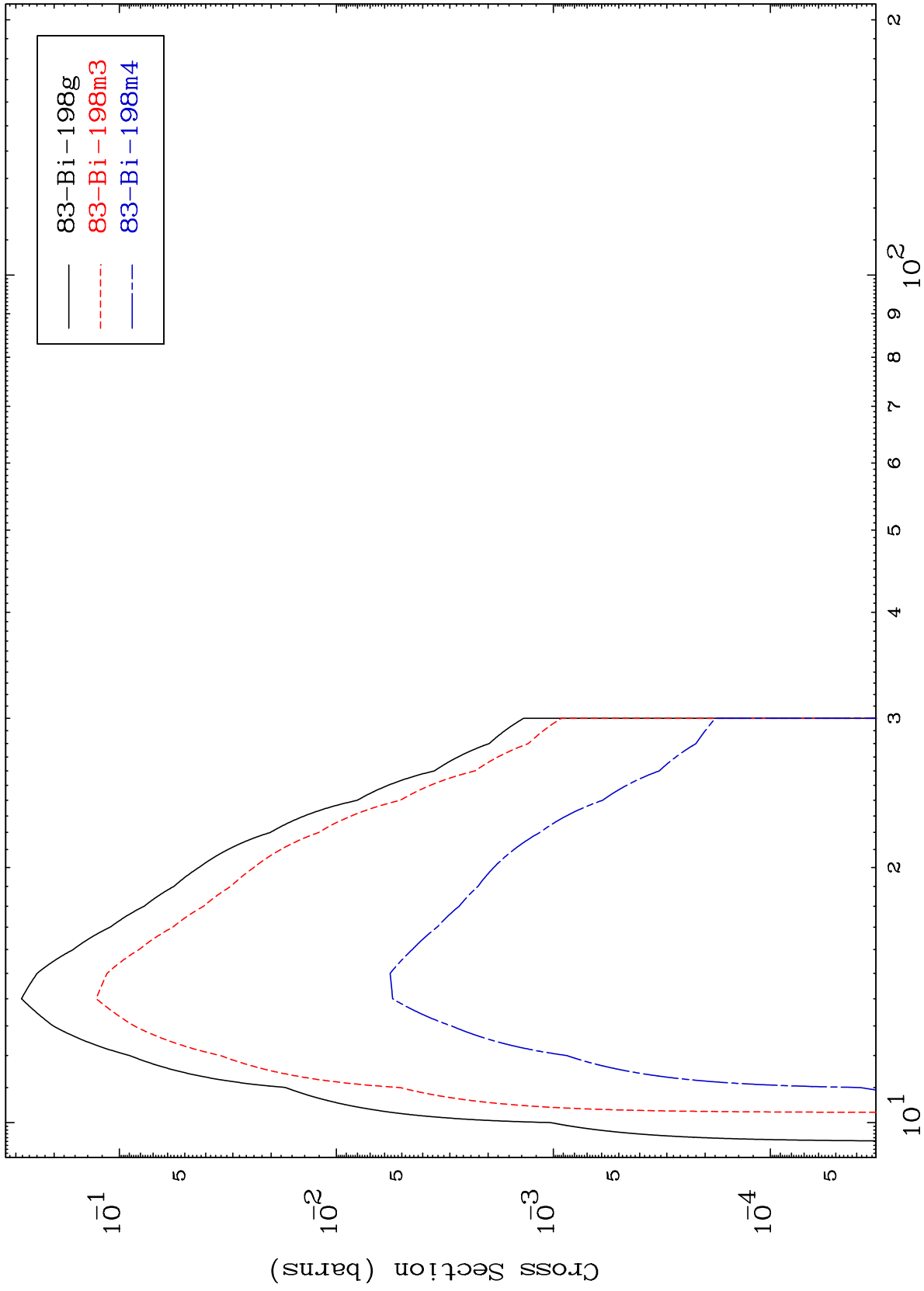
Incident Energy (MeV)

83-Bi-199

MAT 8295

Photon Inelastic
Radionuclide Production Cross Section

⁸³Bi-199



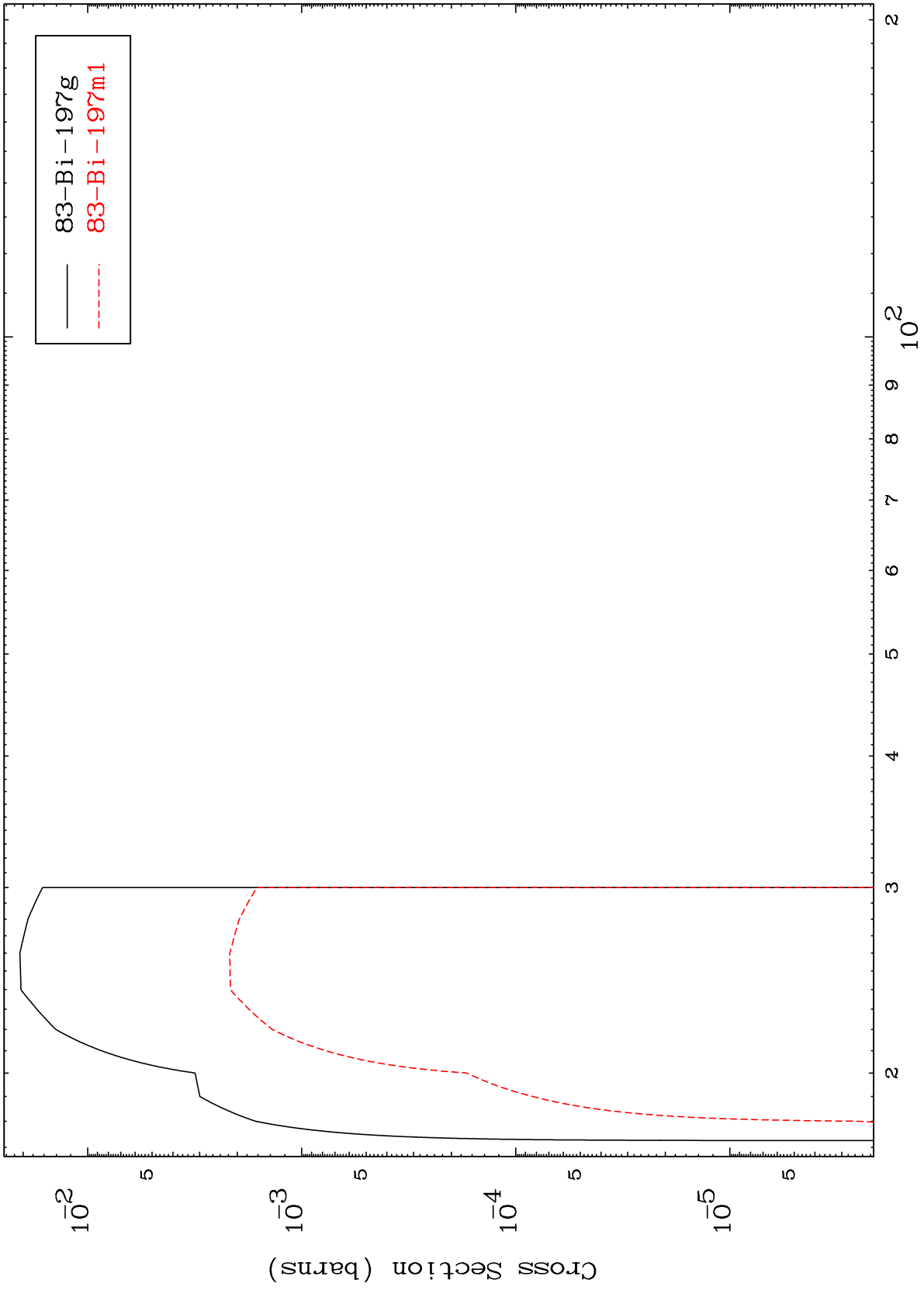
Incident Energy (MeV)

⁸³Bi-199

MAT 8295

83-Bi-199

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



11

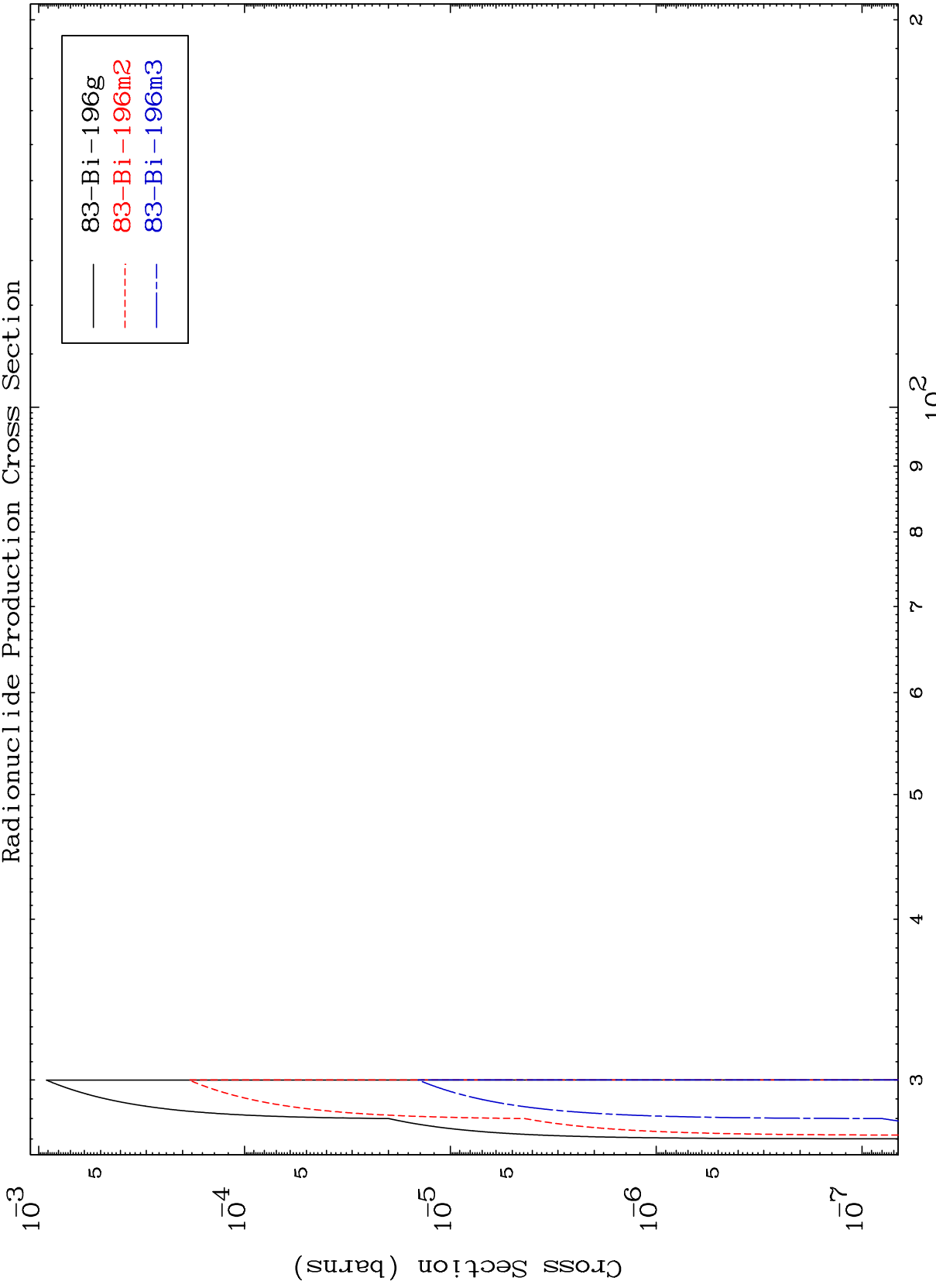
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

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



12

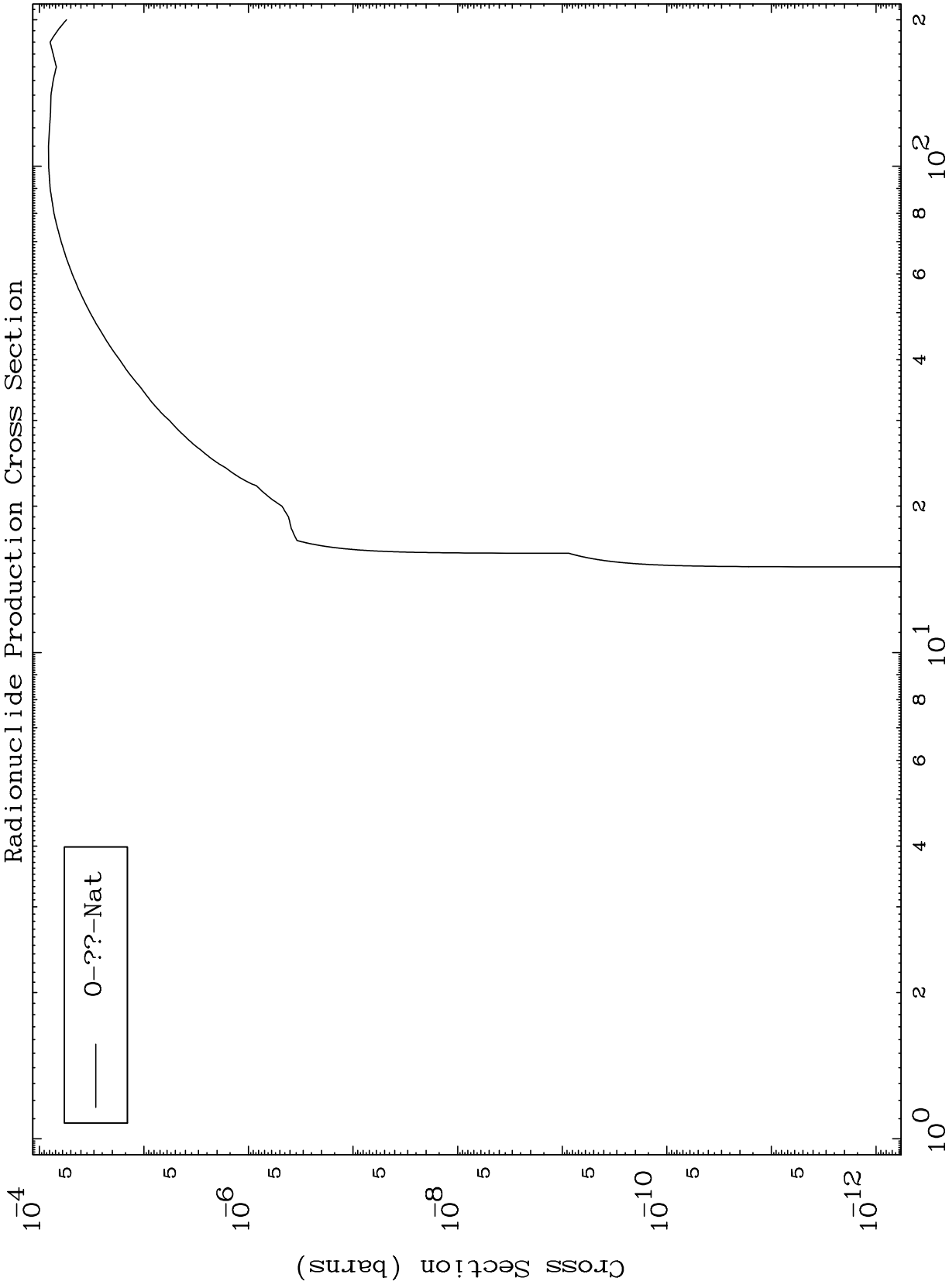
83-Bi-199

MAT 8295

Photon Fission

83-Bi-199

Radionuclide Production Cross Section



13

Incident Energy (MeV)

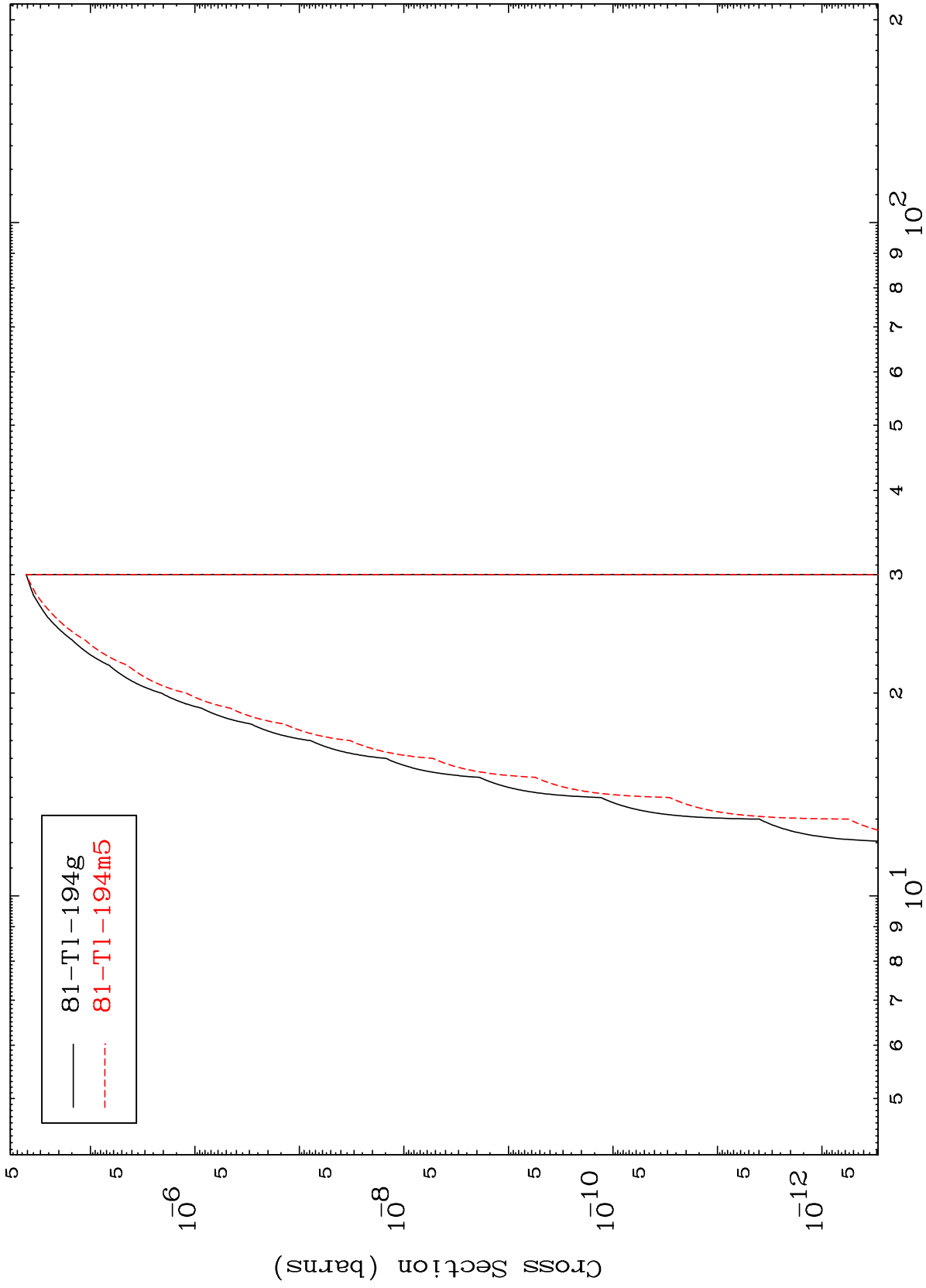
83-Bi-199

MAT 8295

(γ, n') α

83-Bi-199

Radionuclide Production Cross Section



14

Incident Energy (MeV)

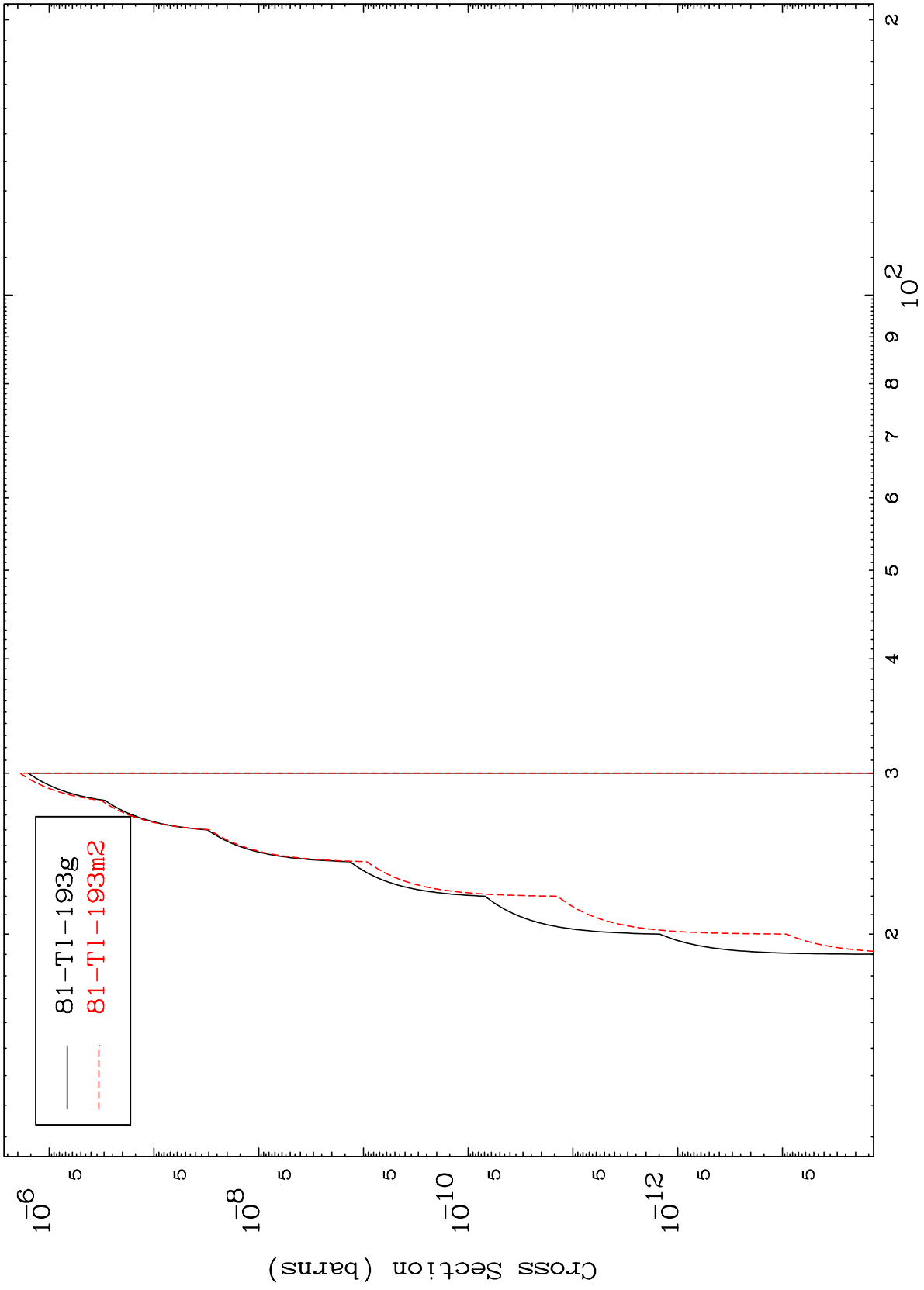
83-Bi-199

MAT 8295

($\gamma, 2n$) α

83-Bi-199

Radionuclide Production Cross Section



15

Incident Energy (MeV)

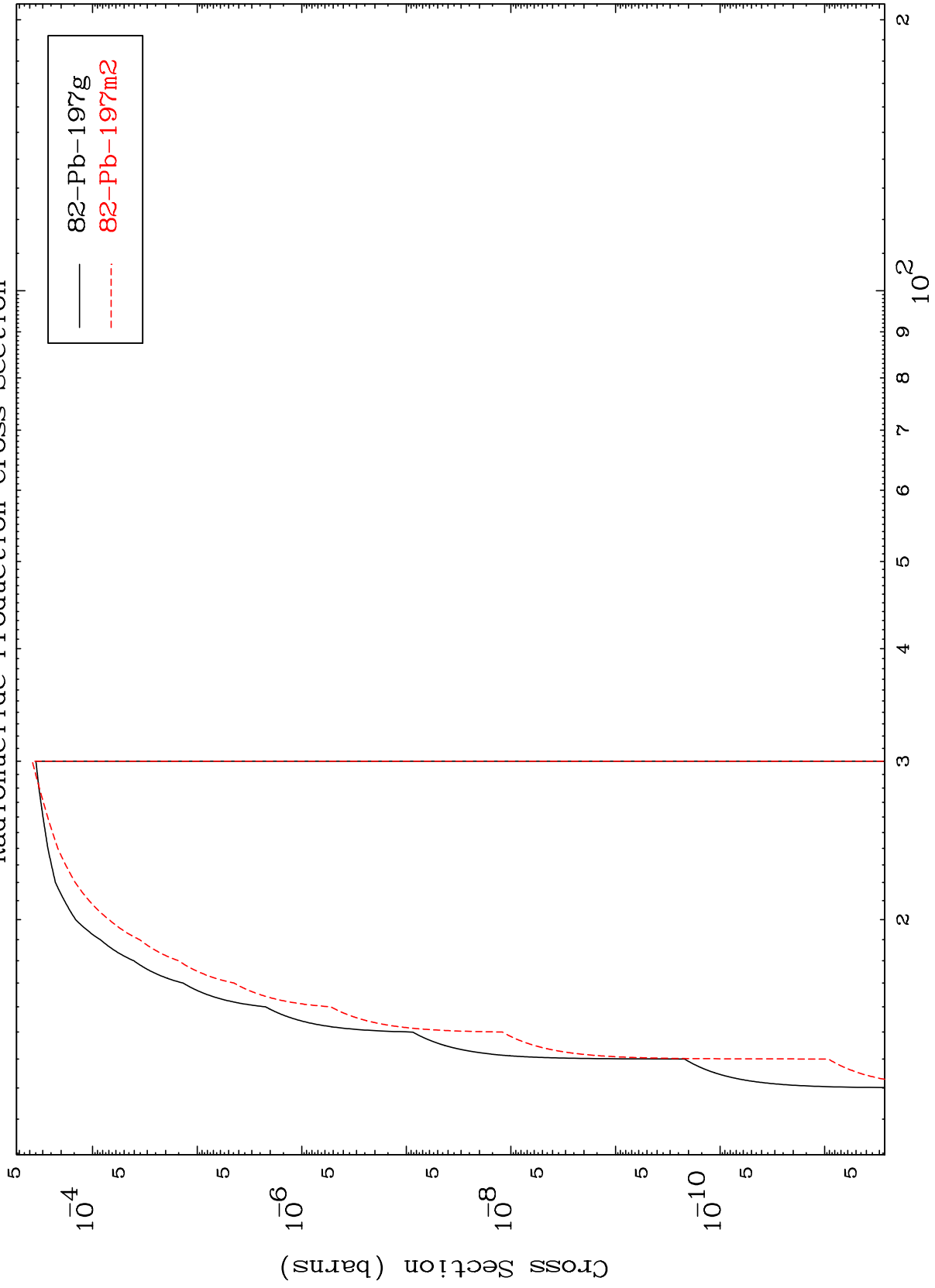
83-Bi-199

MAT 8295

(γ, n') p

83-Bi-199

Radionuclide Production Cross Section



16

Incident Energy (MeV)

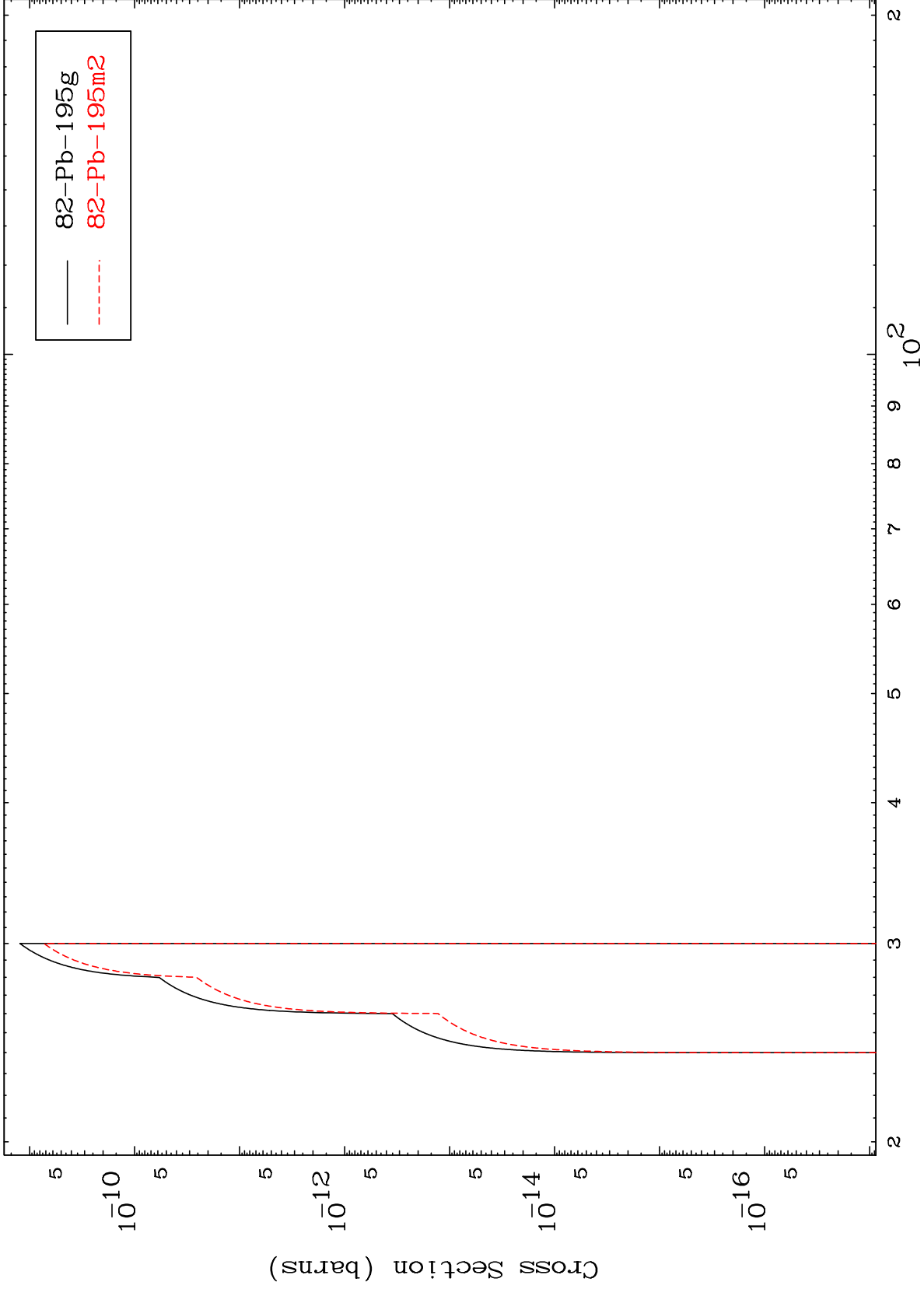
83-Bi-199

MAT 8295

(γ, n') t

83-Bi-199

Radionuclide Production Cross Section



17

Incident Energy (MeV)

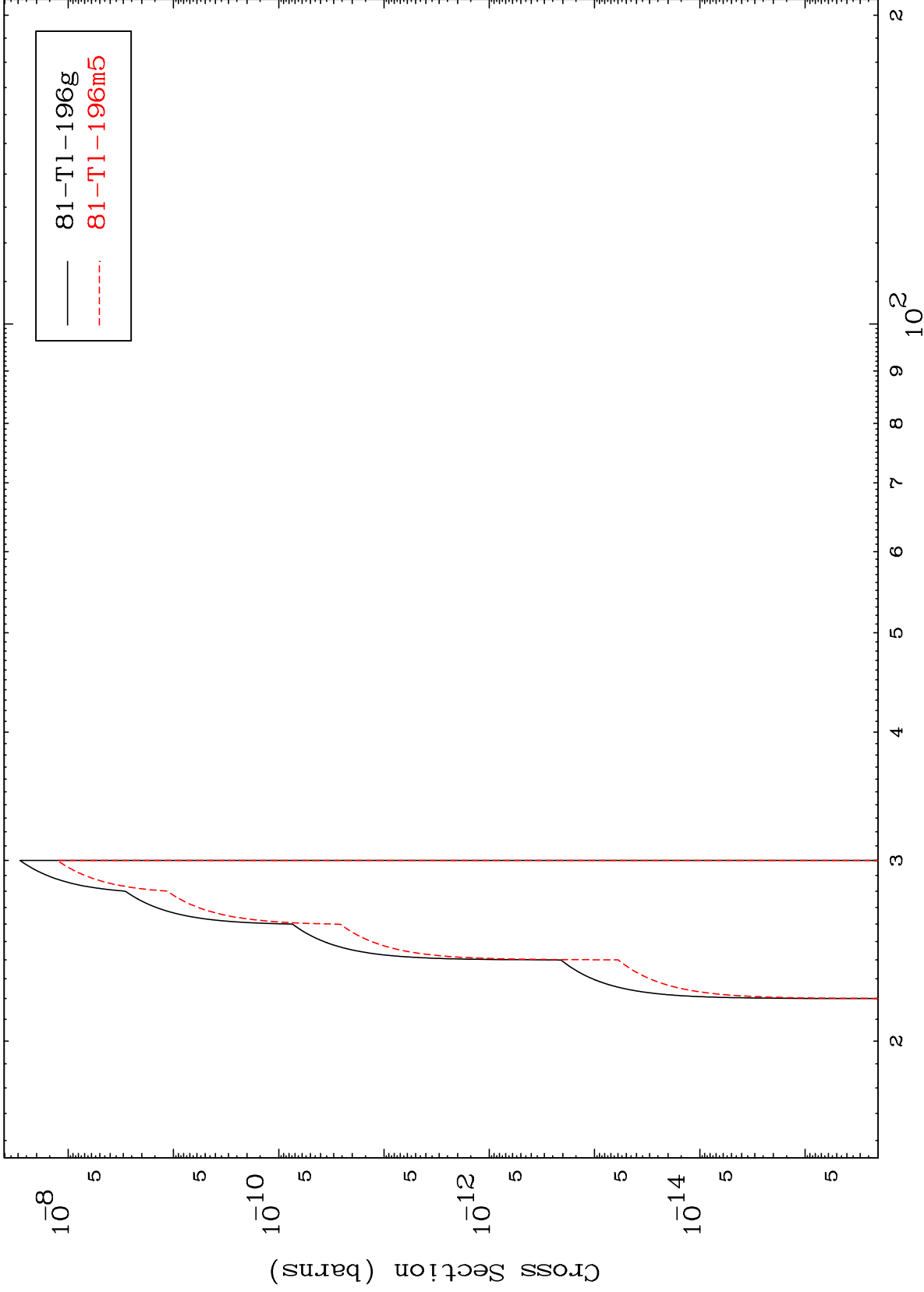
83-Bi-199

MAT 8295

$(\gamma, 2n)$ p

83-Bi-199

Radionuclide Production Cross Section



18

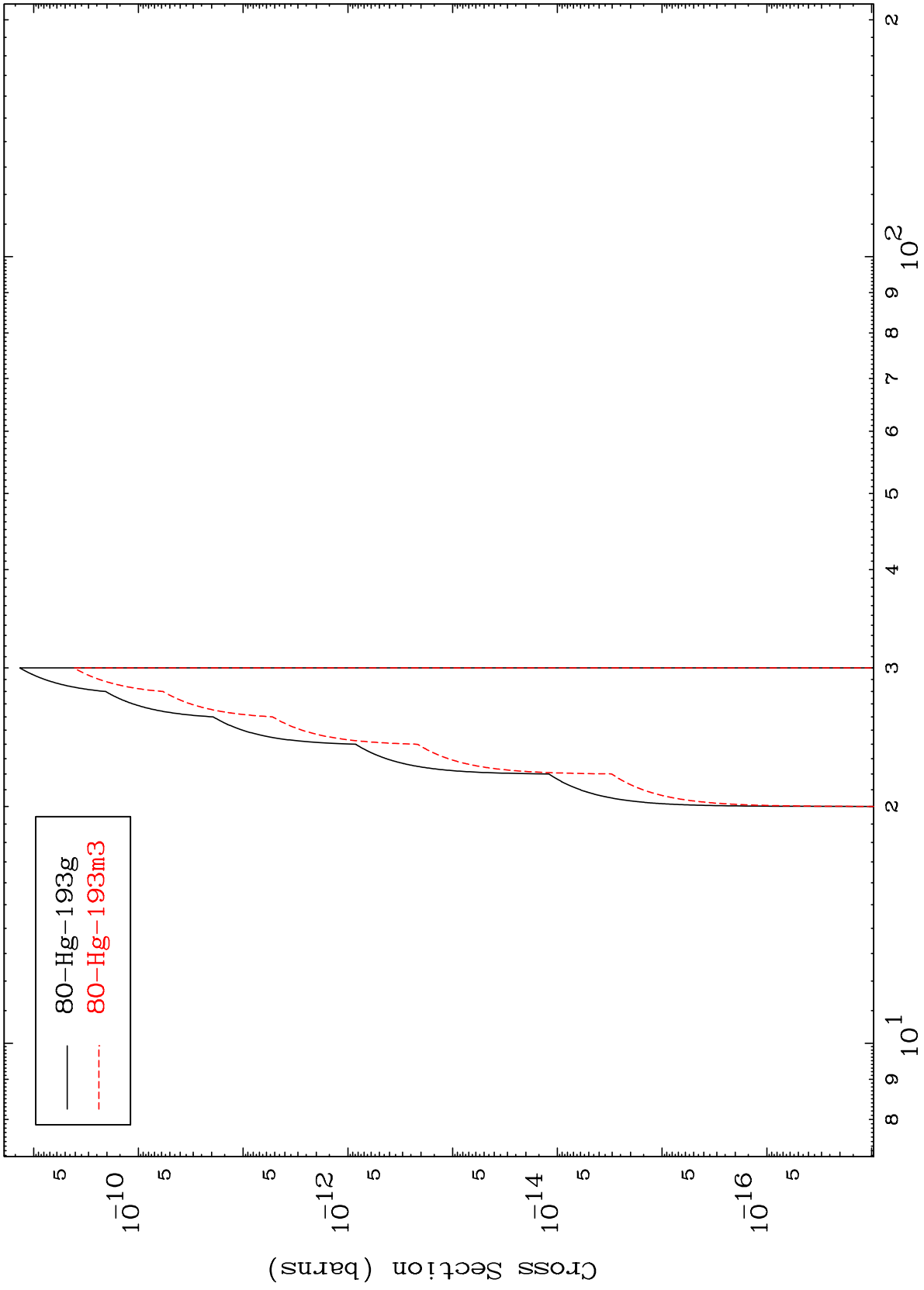
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

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



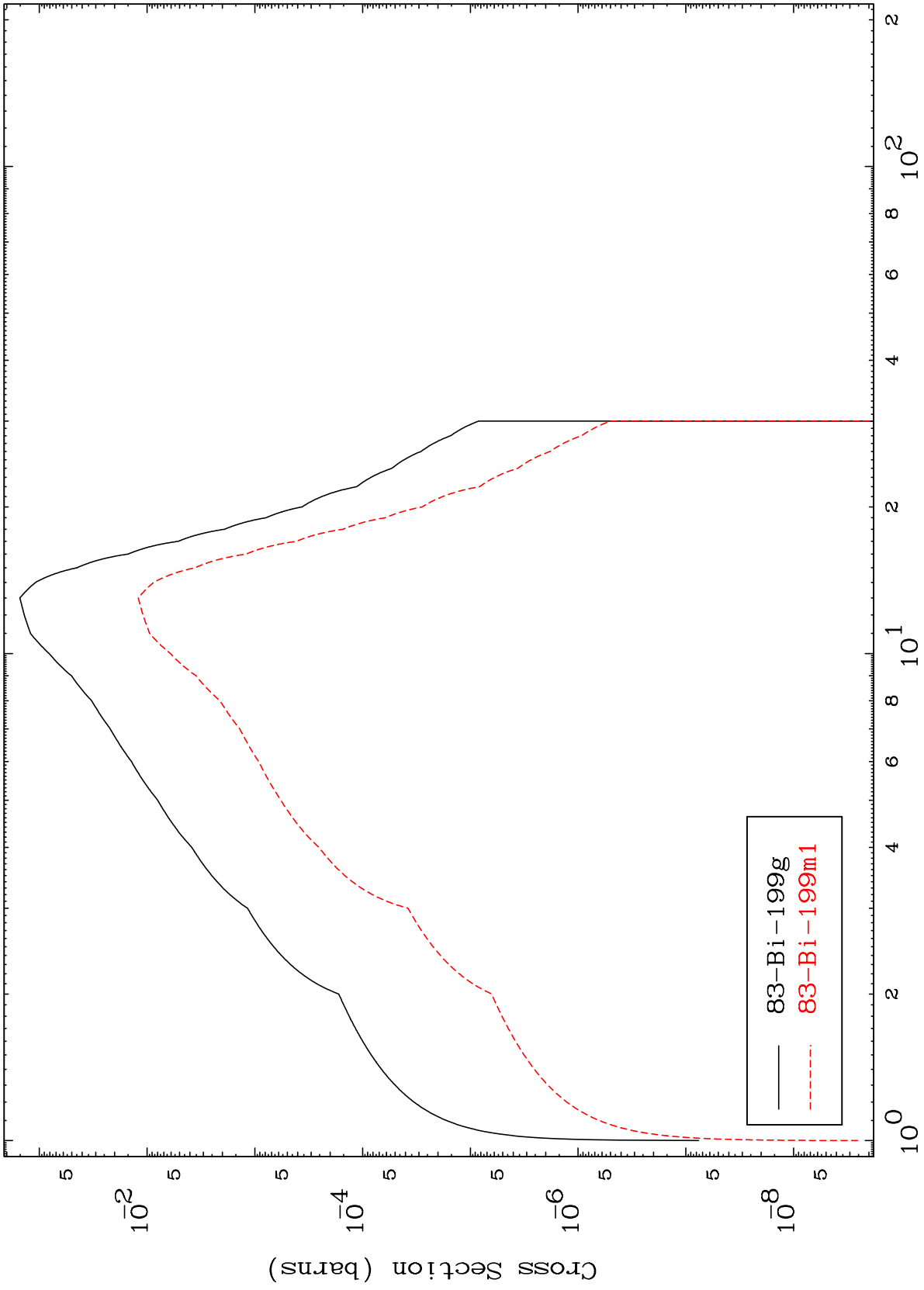
80-Hg-193g
80-Hg-193m3

19

MAT 8295

83-Bi-199

Radionuclide Production Cross Section (γ, γ)



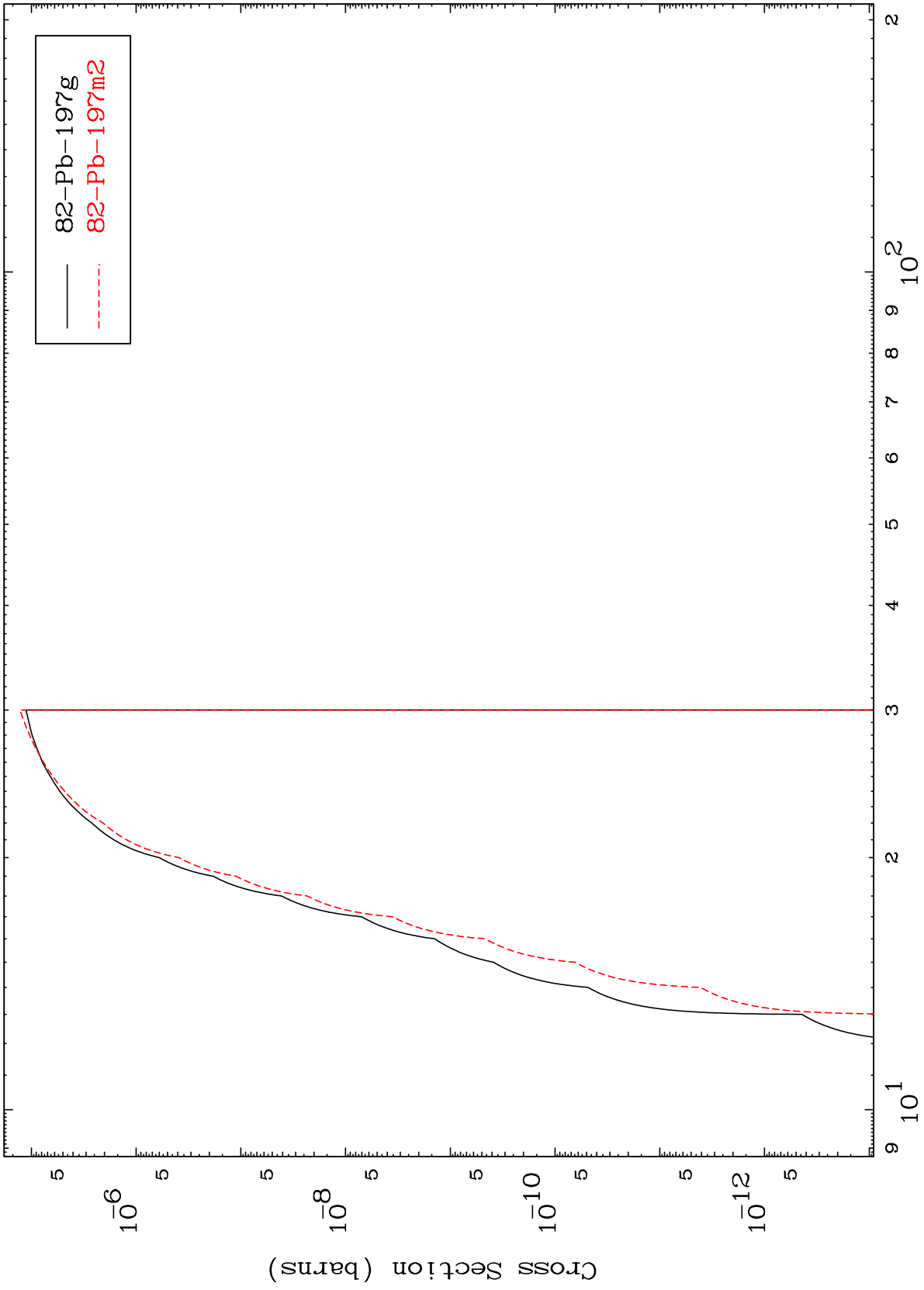
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

(γ, d)
Radionuclide Production Cross Section



21

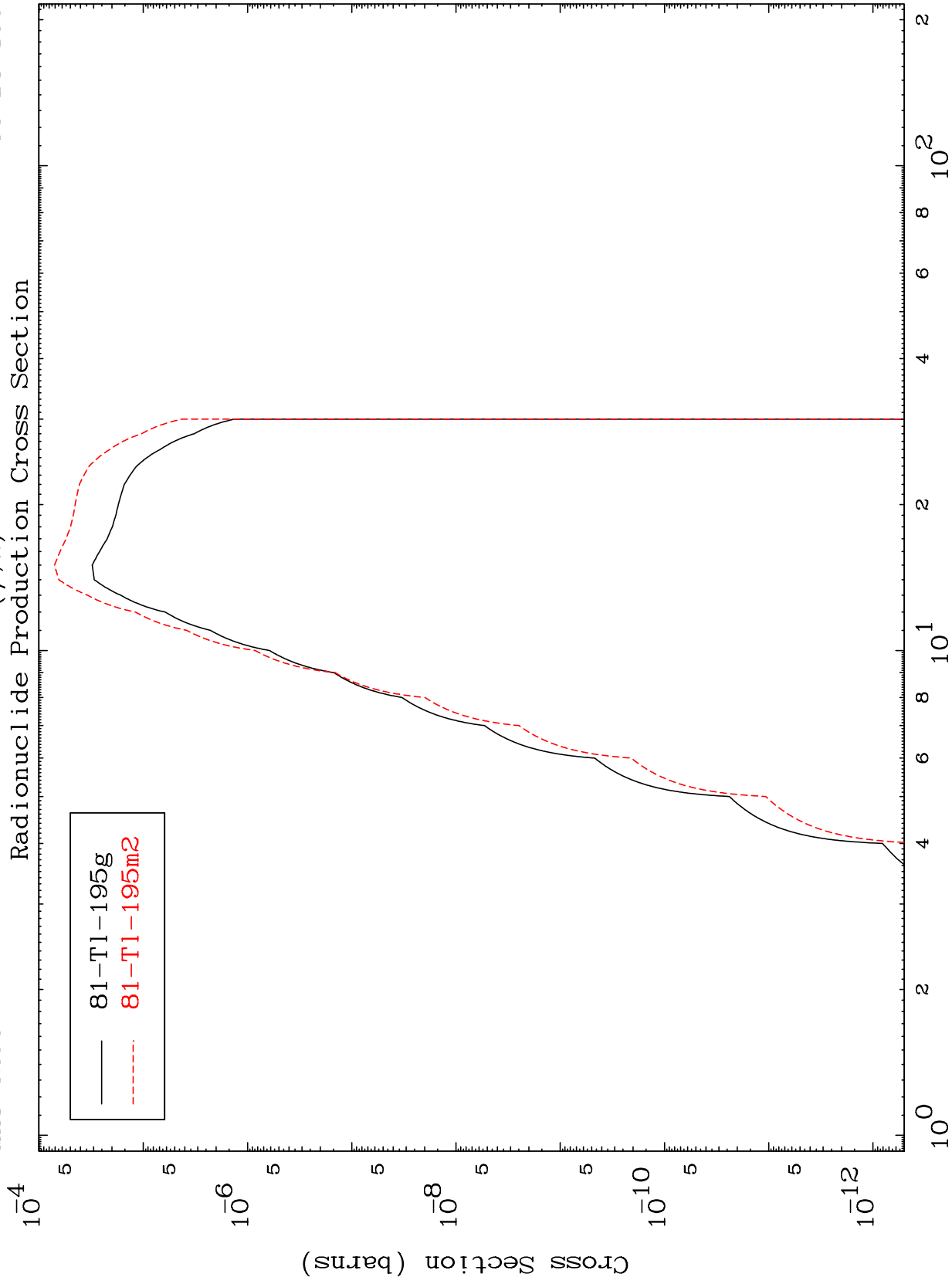
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

Radionuclide Production Cross Section
(γ, α)



22

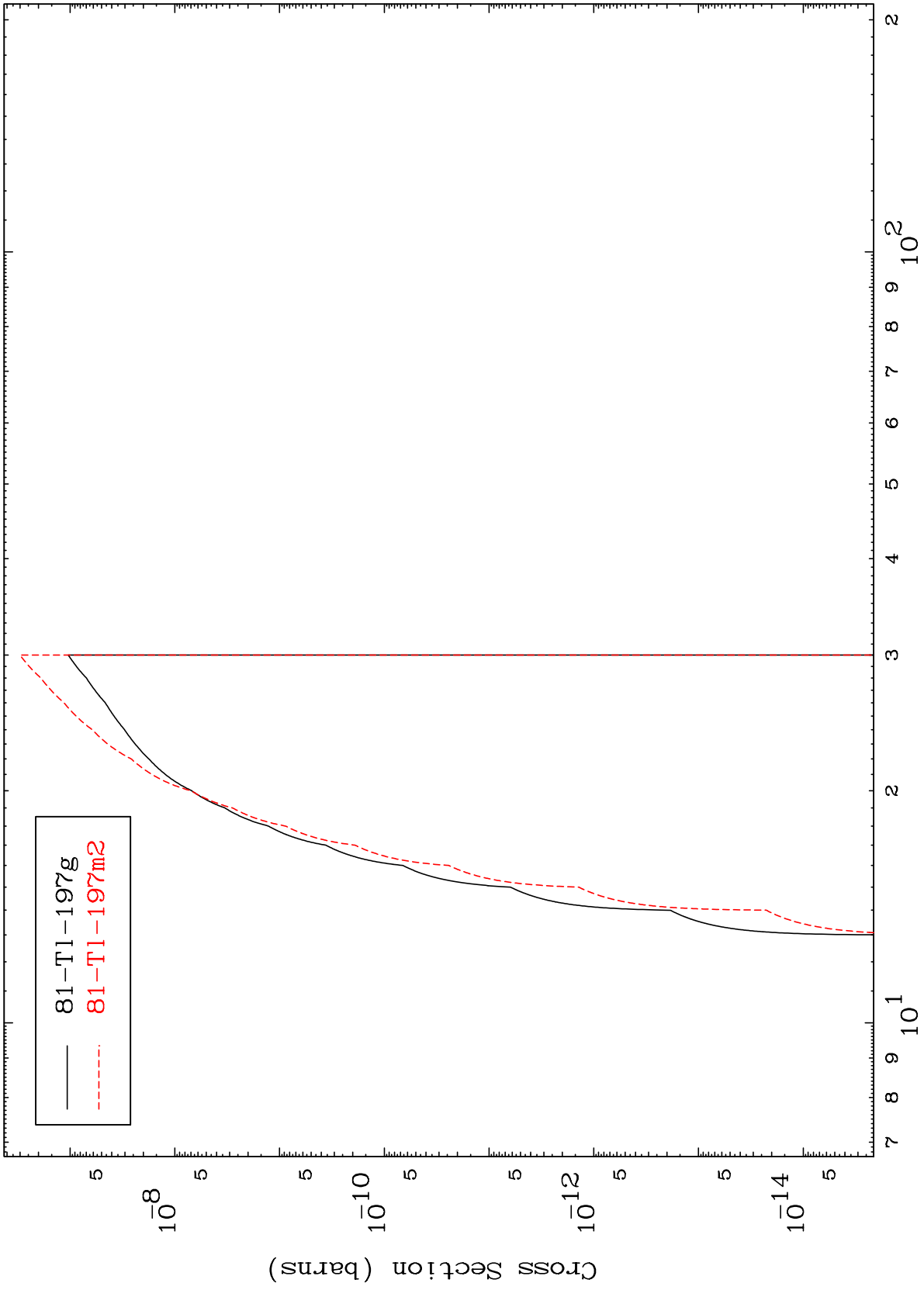
Incident Energy (MeV)

83-Bi-199

MAT 8295

83-Bi-199

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



23

83-Bi-199