

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

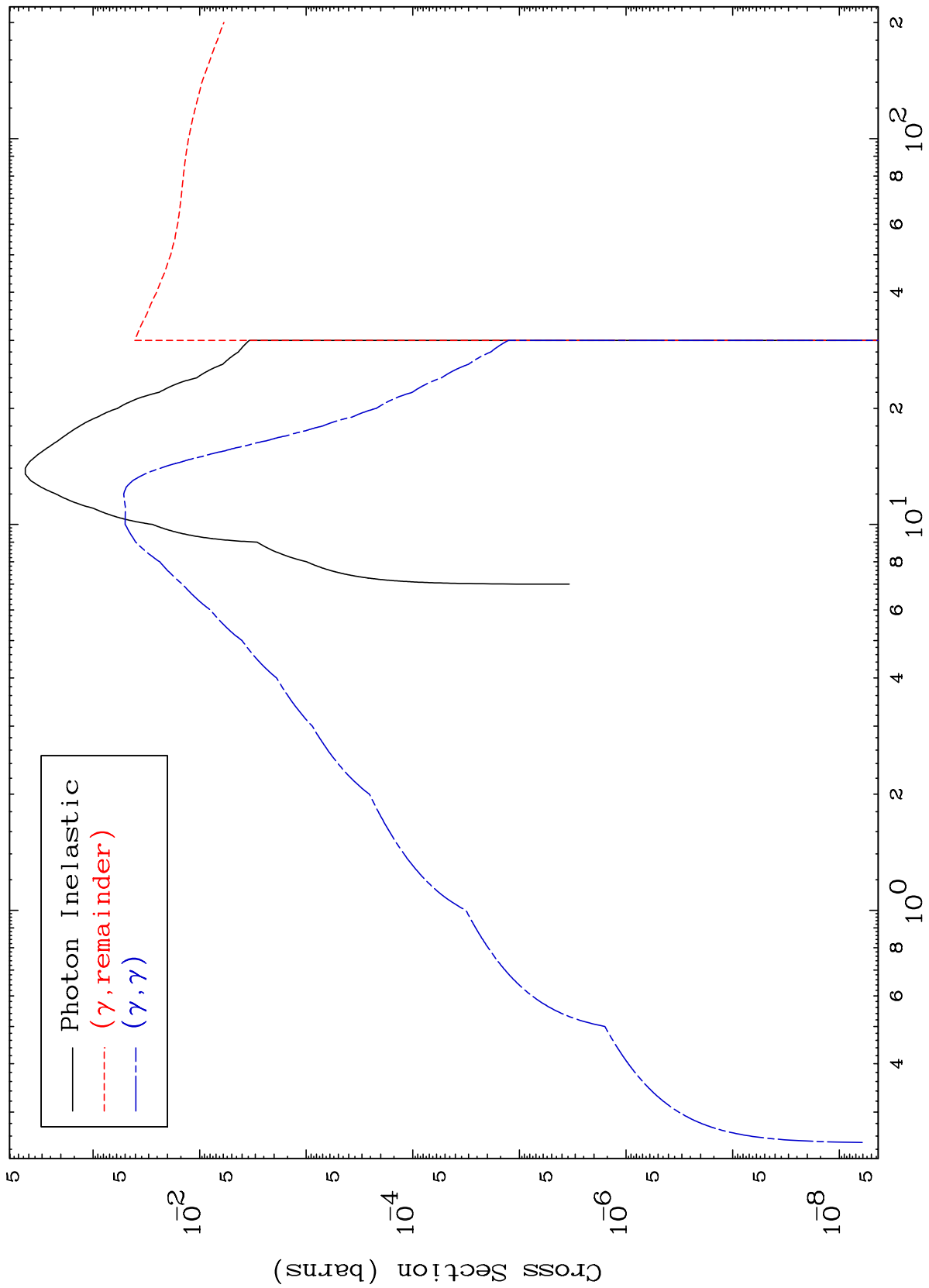
Web: redcullen1.net/HOMEPAGE.NEW

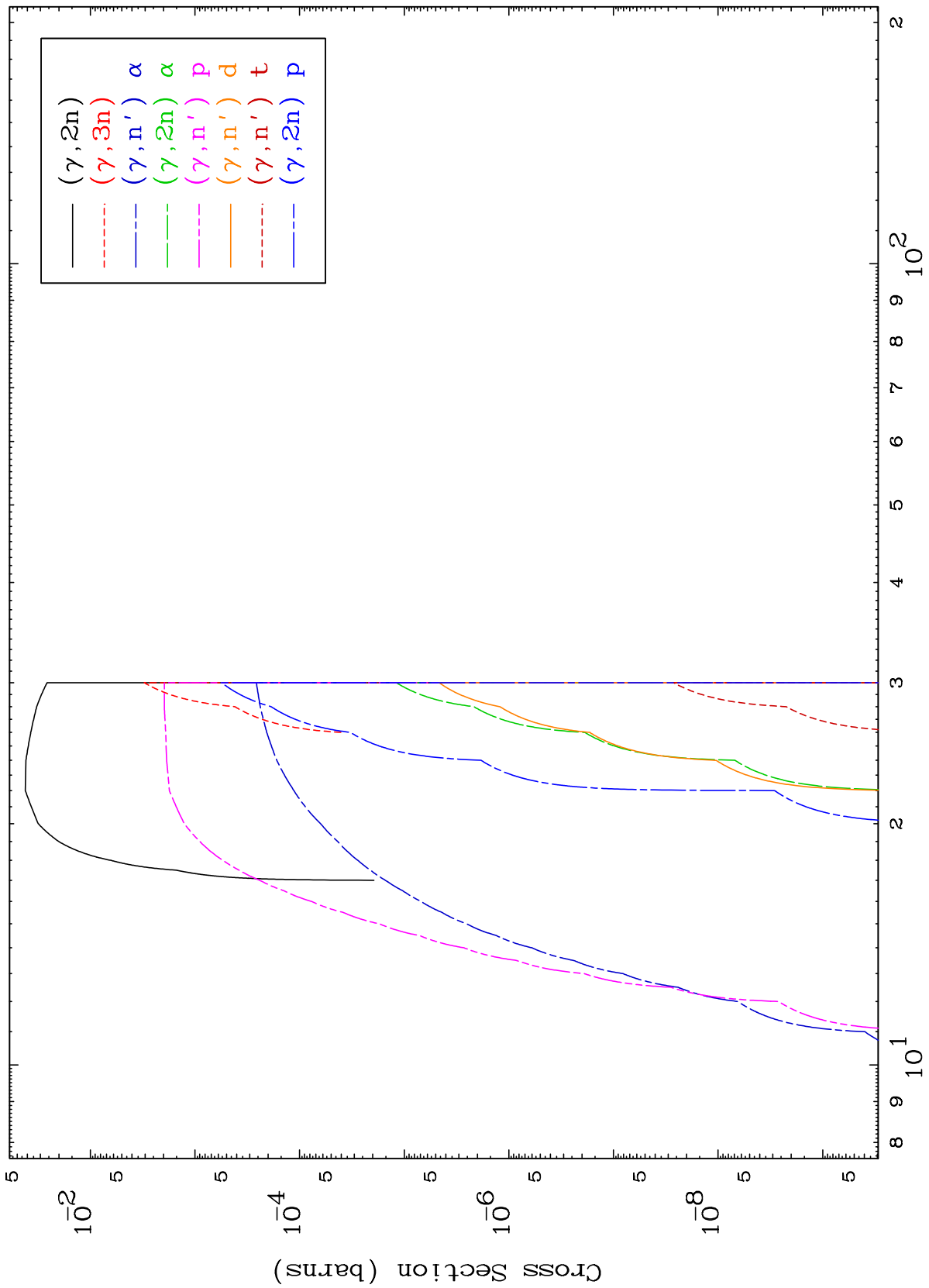
Press Mouse Button to Start

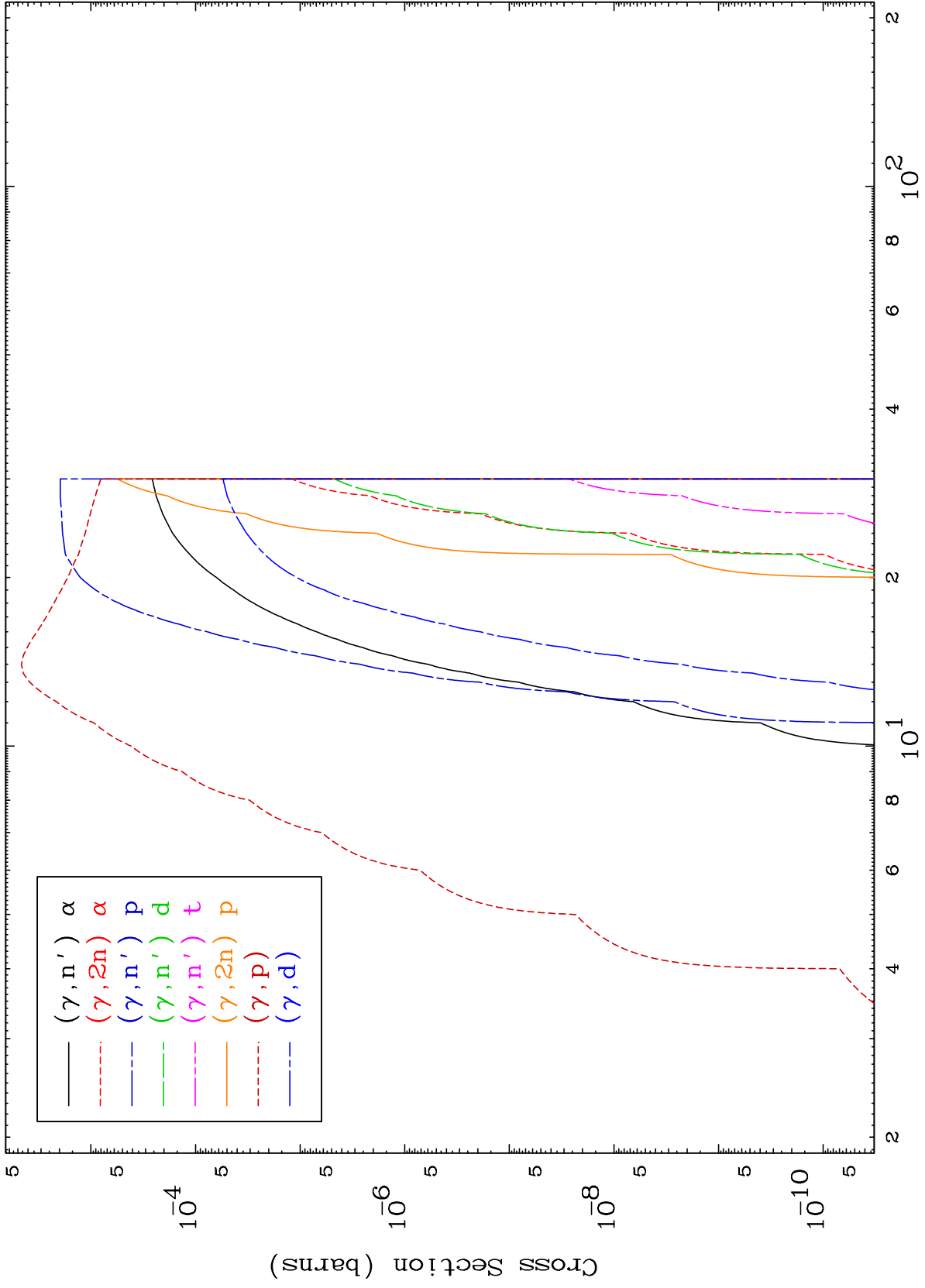
MAT 8293

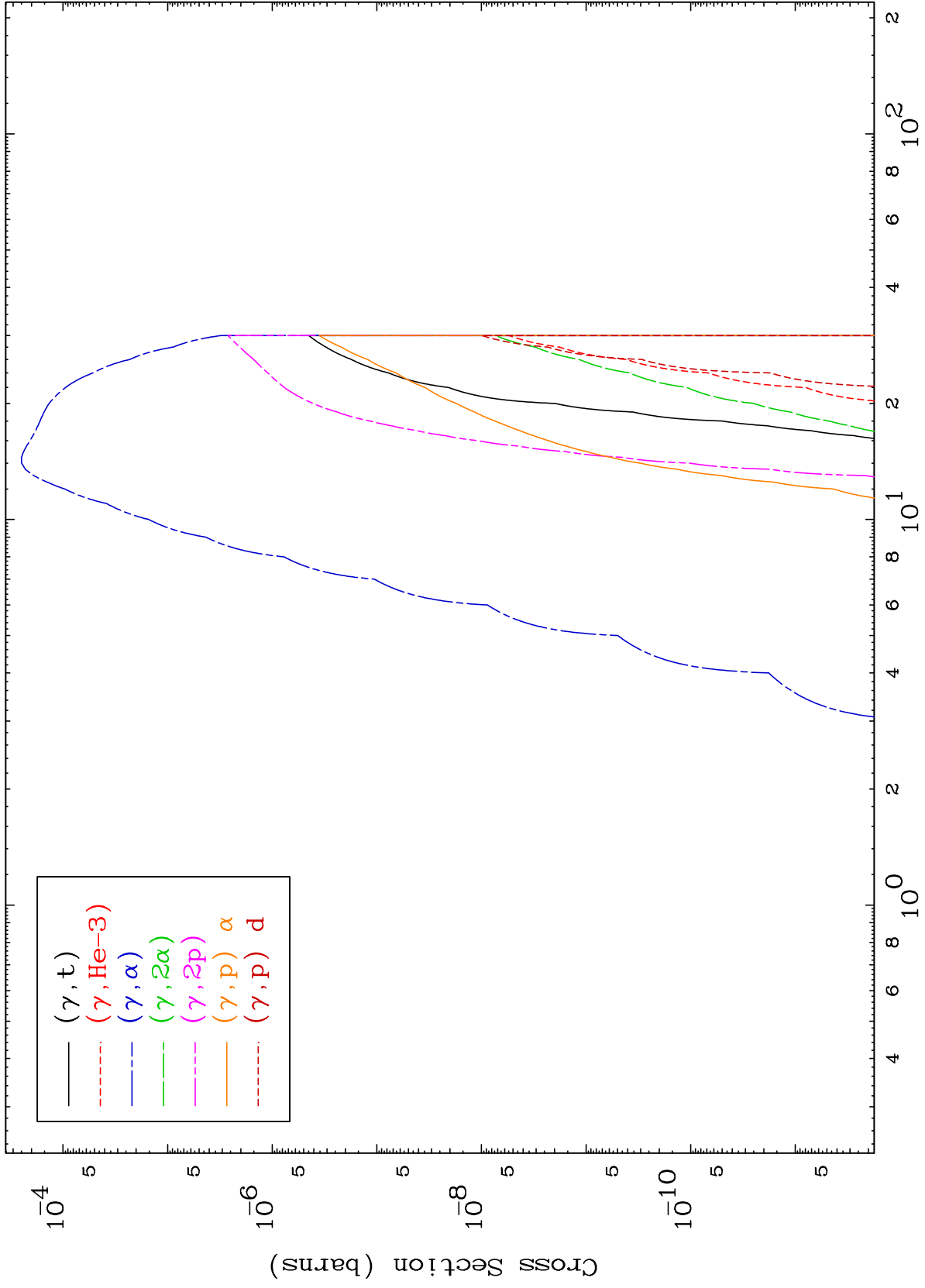
Photon Major
0 Kelvin Cross Sections

83-Bi-198

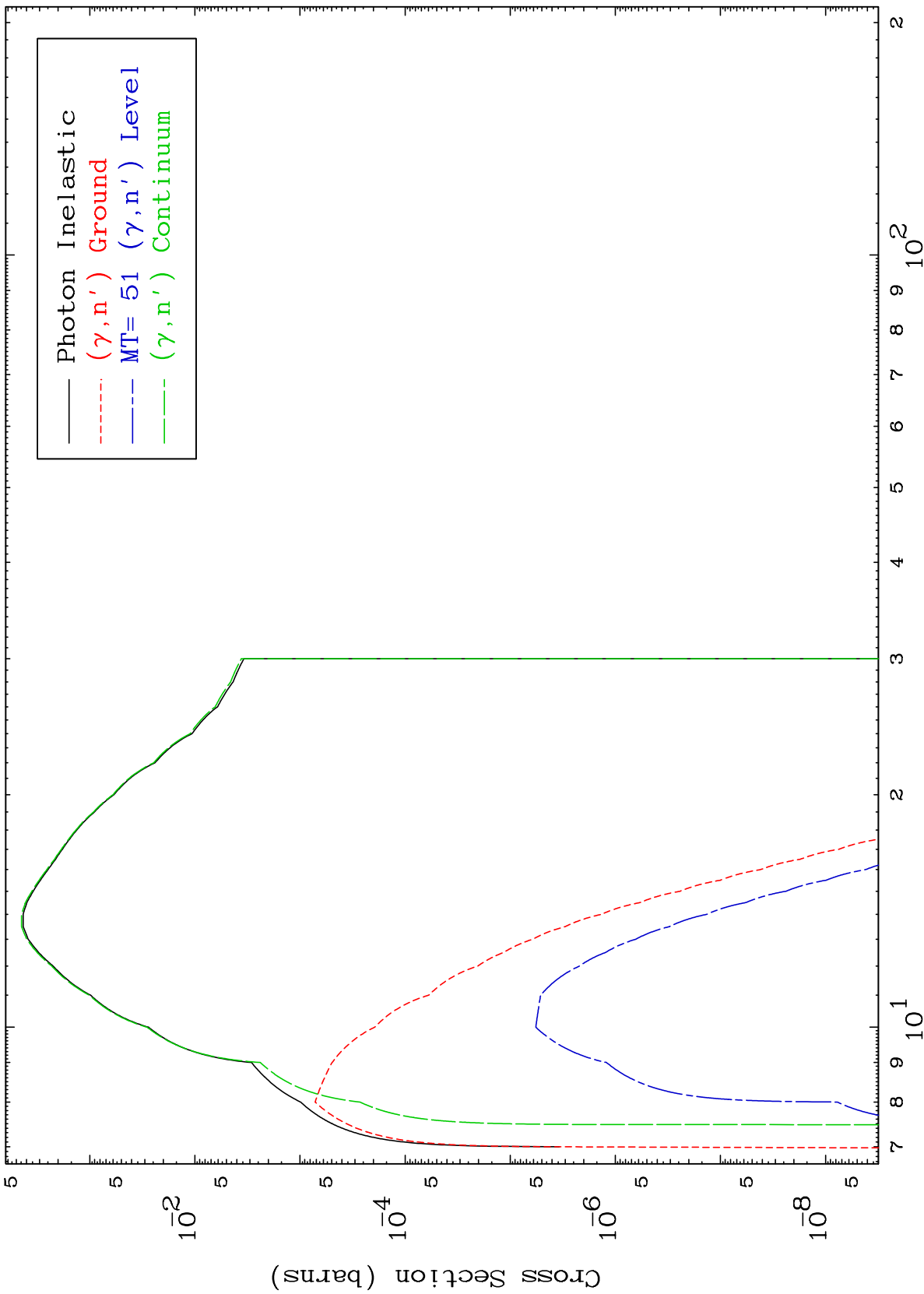








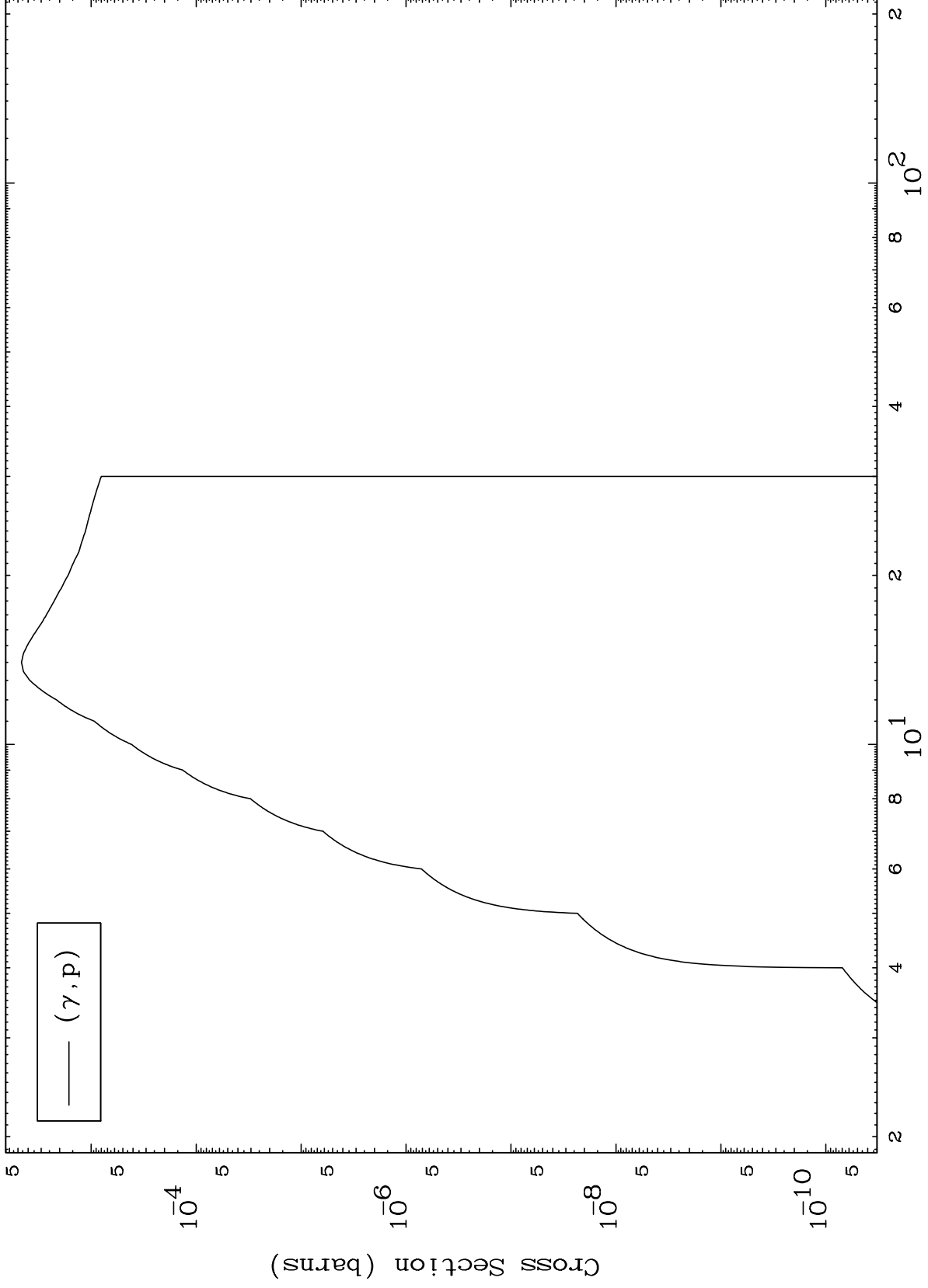
0 Kelvin Cross Sections



MAT 8293

(γ, p) Levels
0 Kelvin Cross Sections

83-Bi-198



6

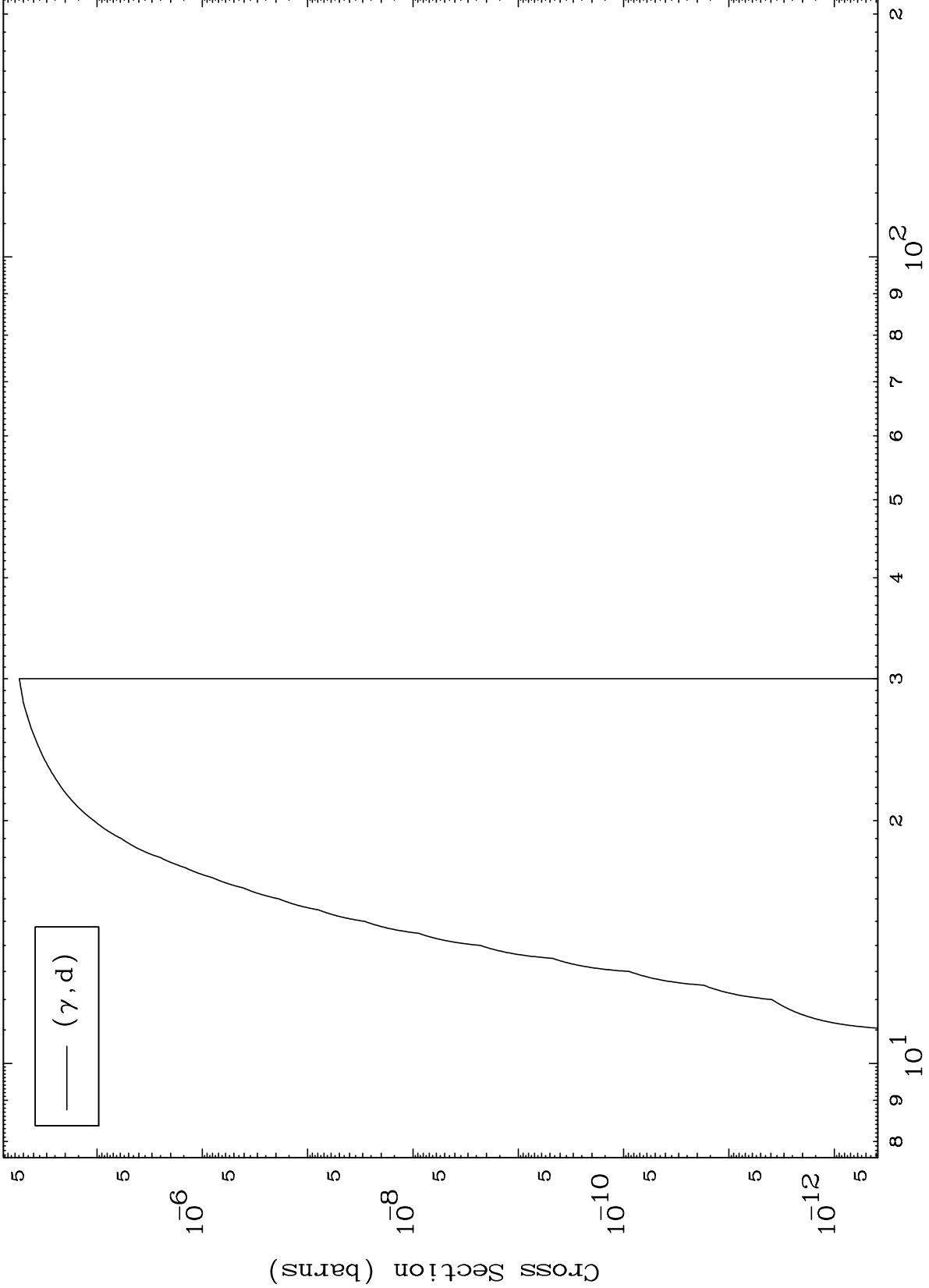
Incident Energy (MeV)

83-Bi-198

MAT 8293

(γ, d) Levels
0 Kelvin Cross Sections

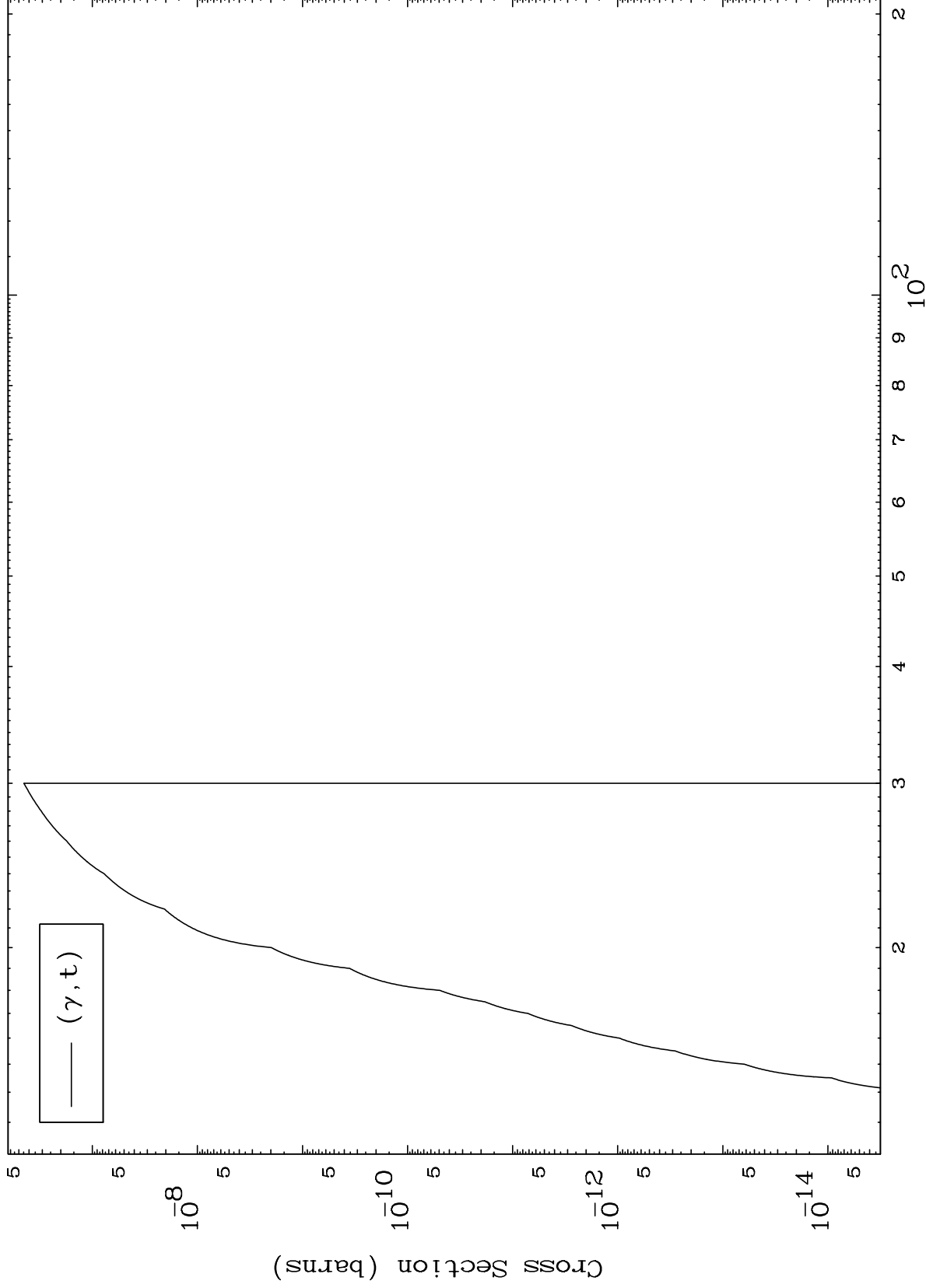
83-Bi-198



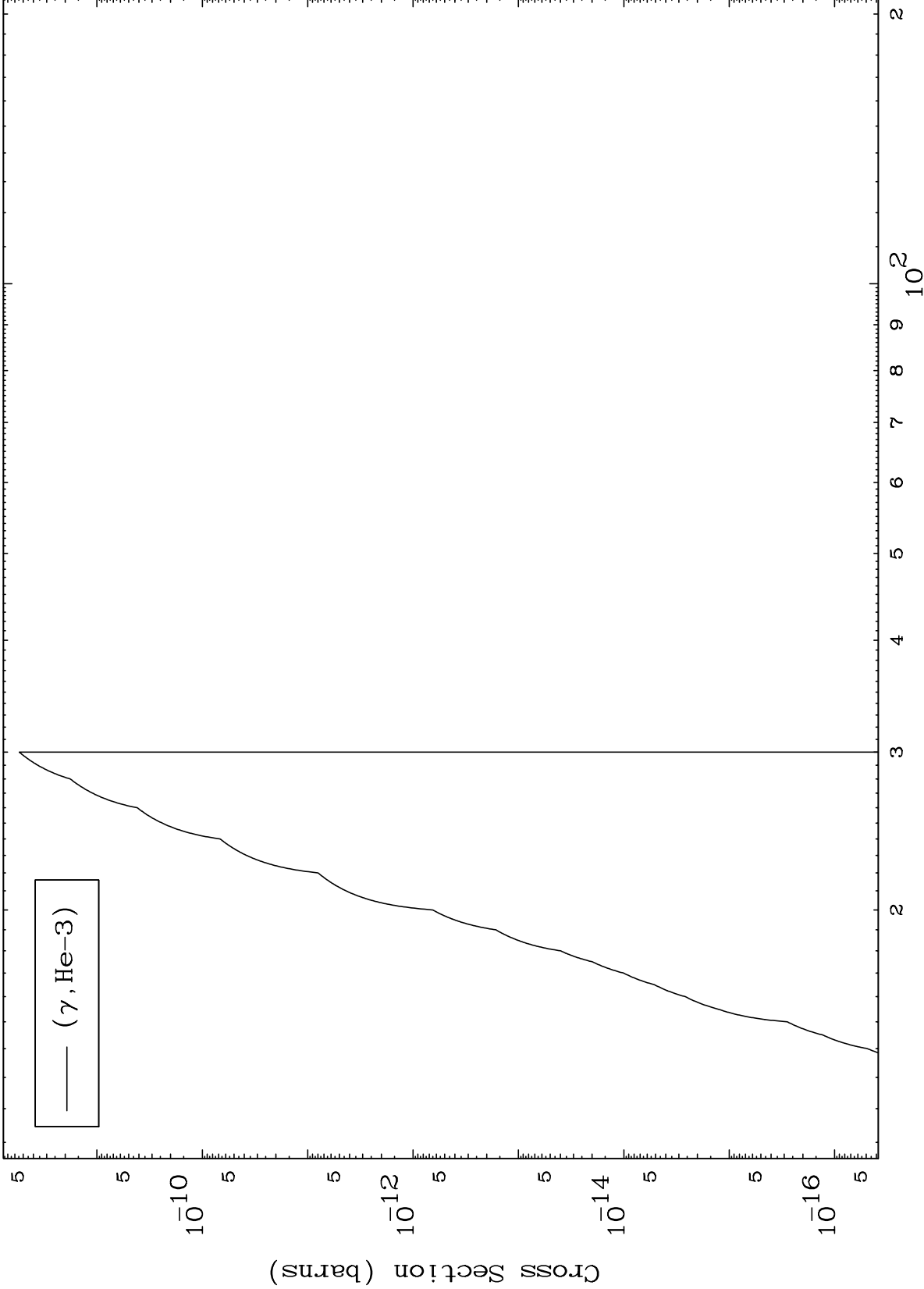
Incident Energy (MeV)

83-Bi-198

7



0 Kelvin Cross Sections

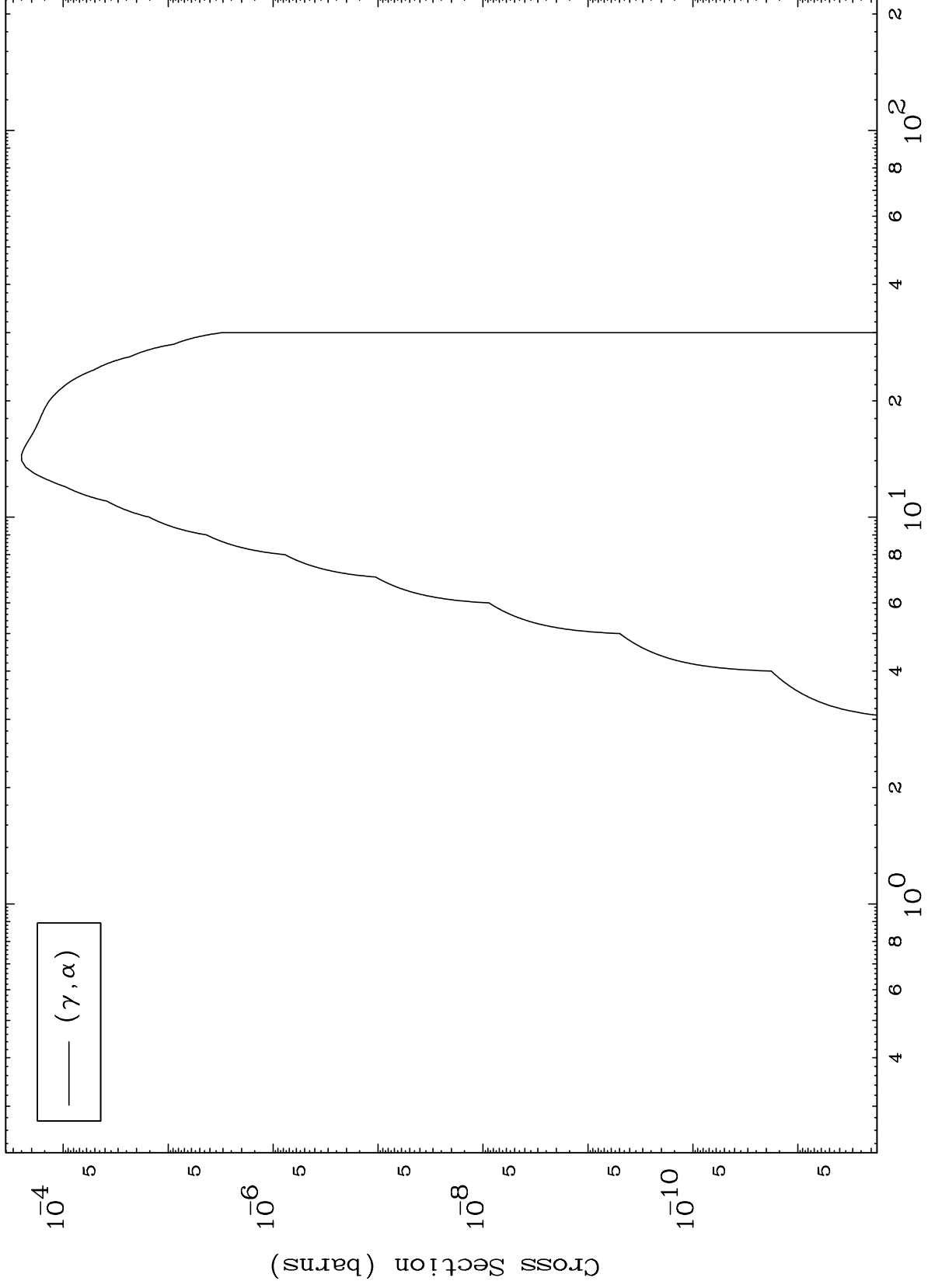


(γ , He-3)

MAT 8293

(γ, α) Levels
0 Kelvin Cross Sections

83-Bi-198

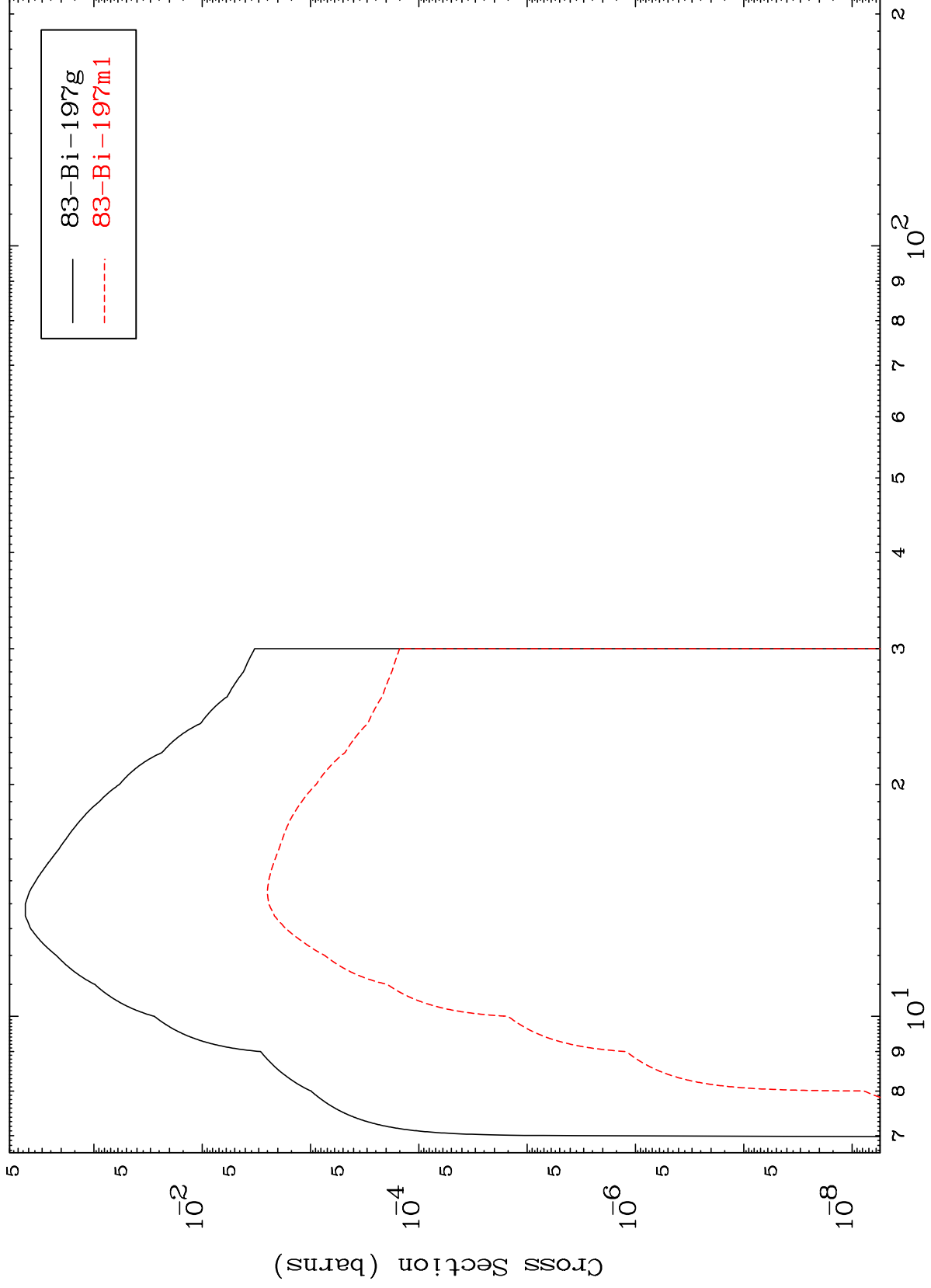


10

Incident Energy (MeV)

83-Bi-198

Photon Inelastic
Radionuclide Production Cross Section

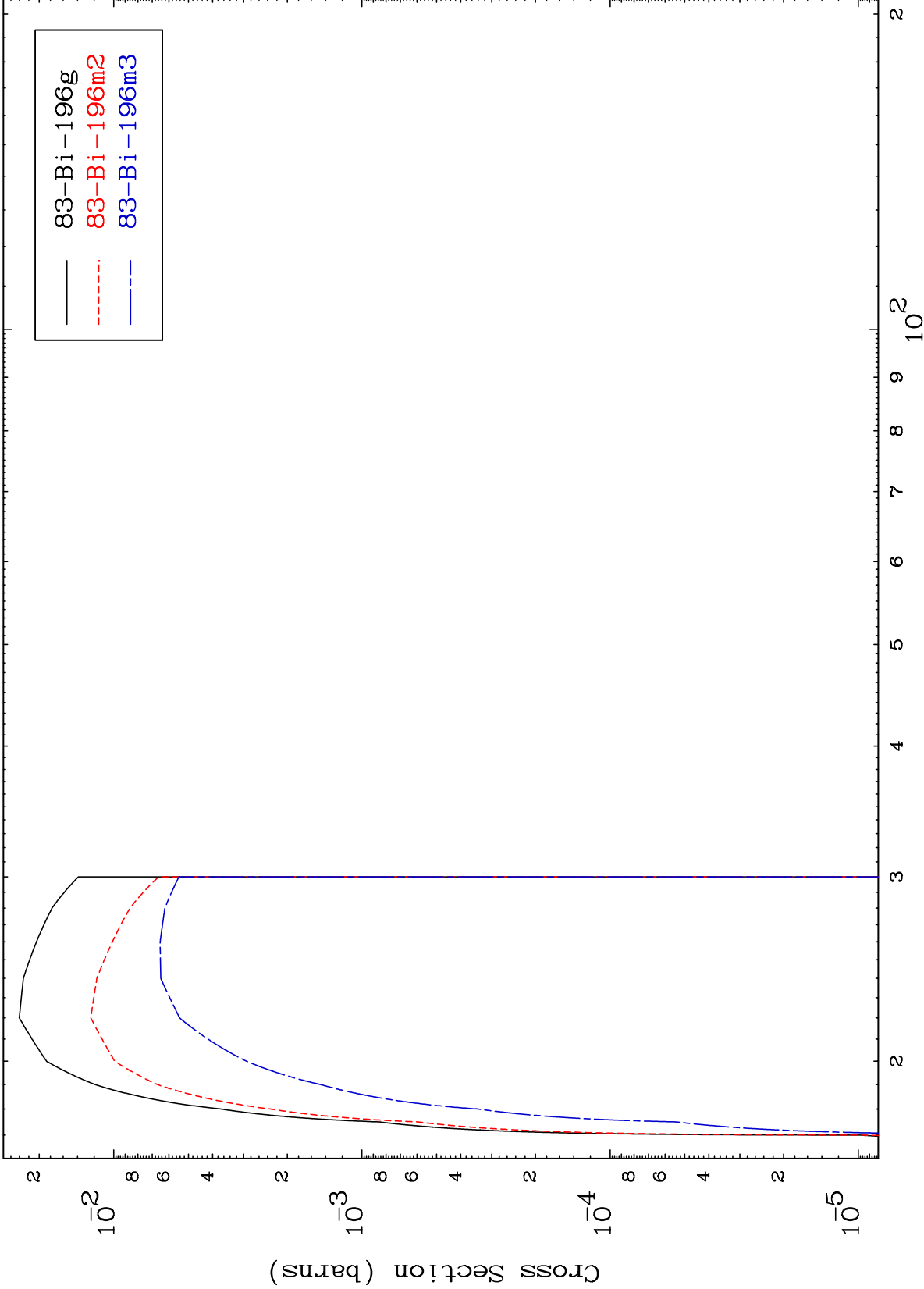


MAT 8293

($\gamma, 2n$)

83-Bi-198

Radionuclide Production Cross Section



12

Incident Energy (MeV)

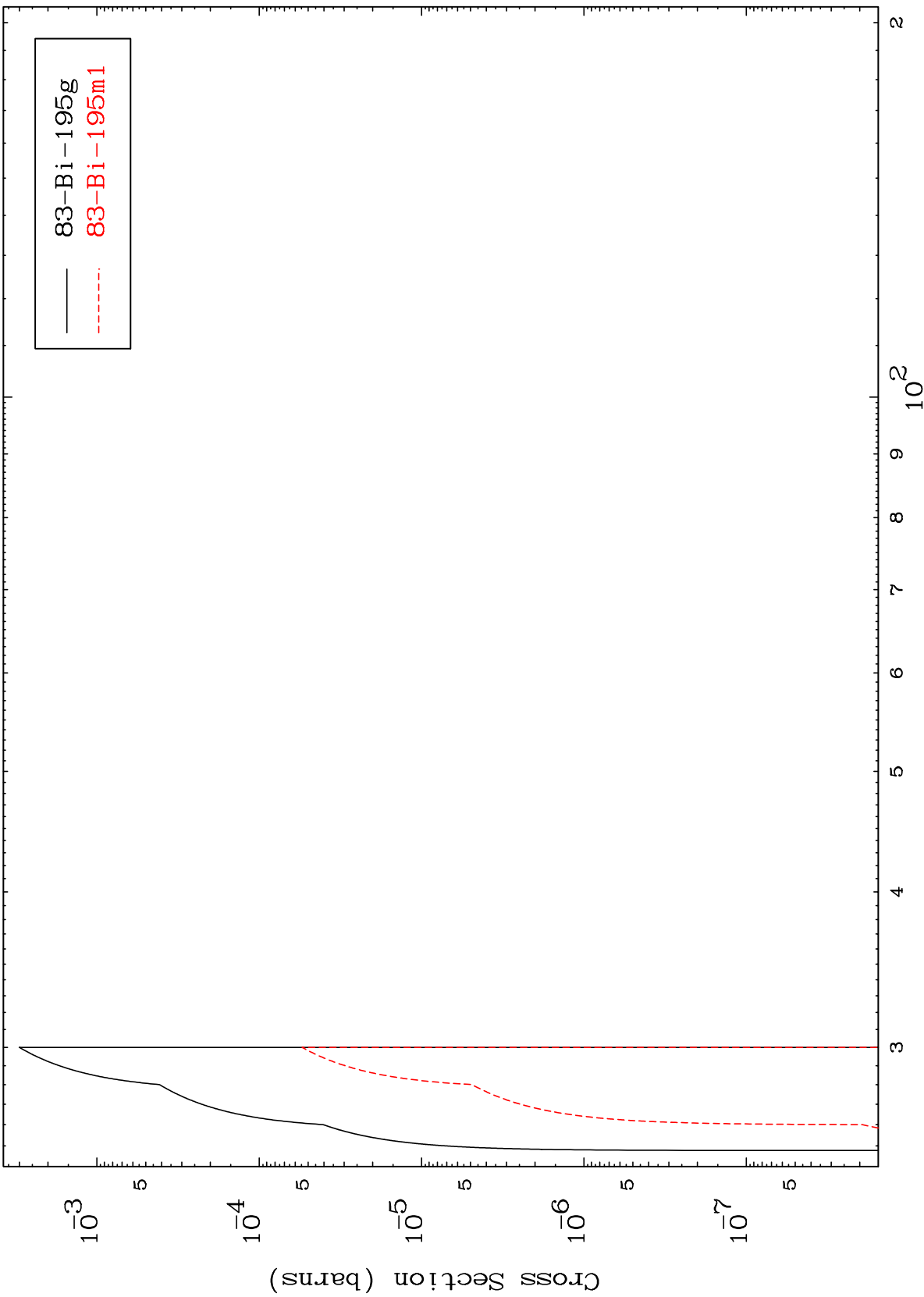
83-Bi-198

MAT 8293

83-Bi-198

($\gamma, 3n$)

Radionuclide Production Cross Section



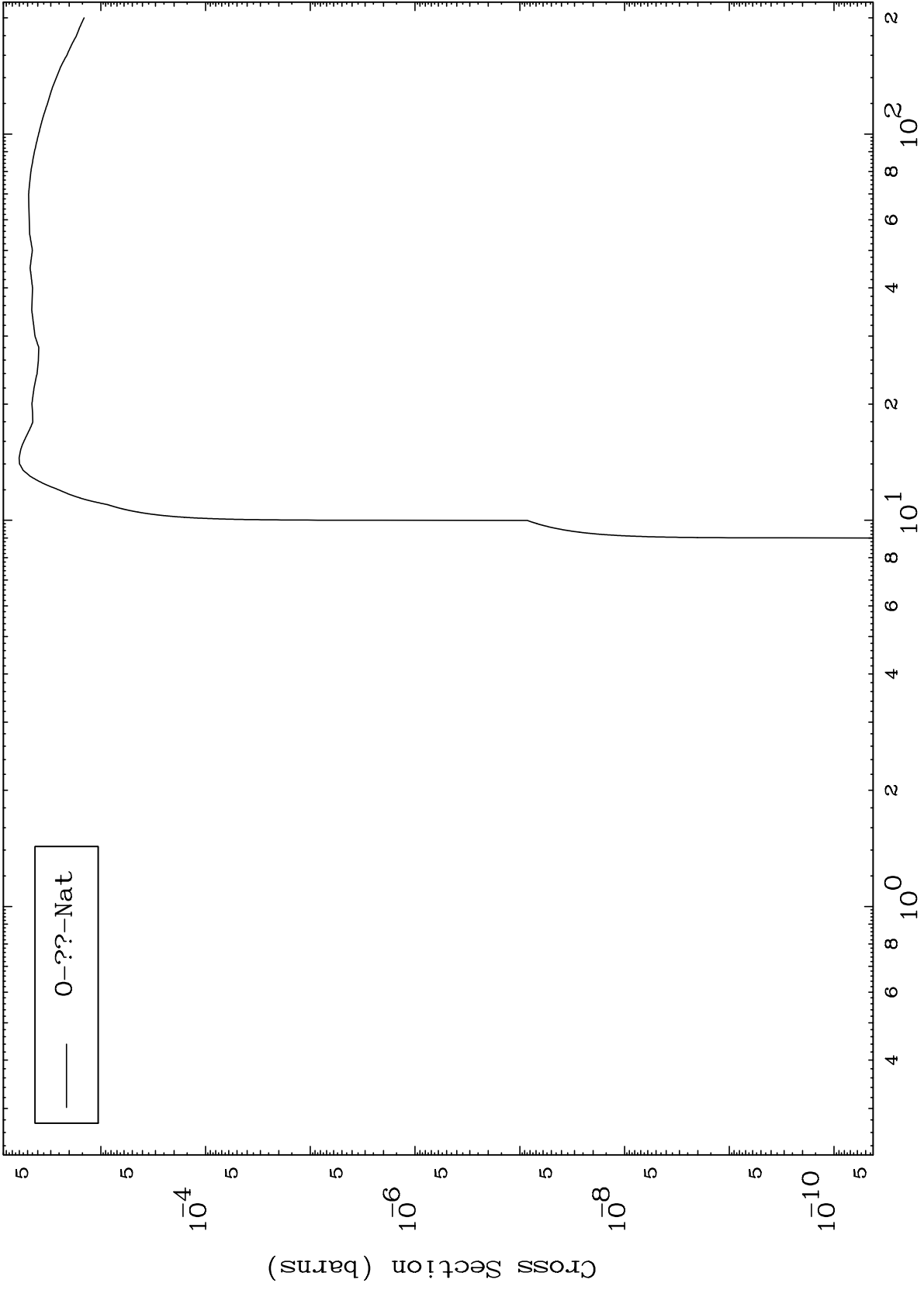
83-Bi-195g
83-Bi-195m1

MAT 8293

Photon Fission

83-Bi-198

Radionuclide Production Cross Section

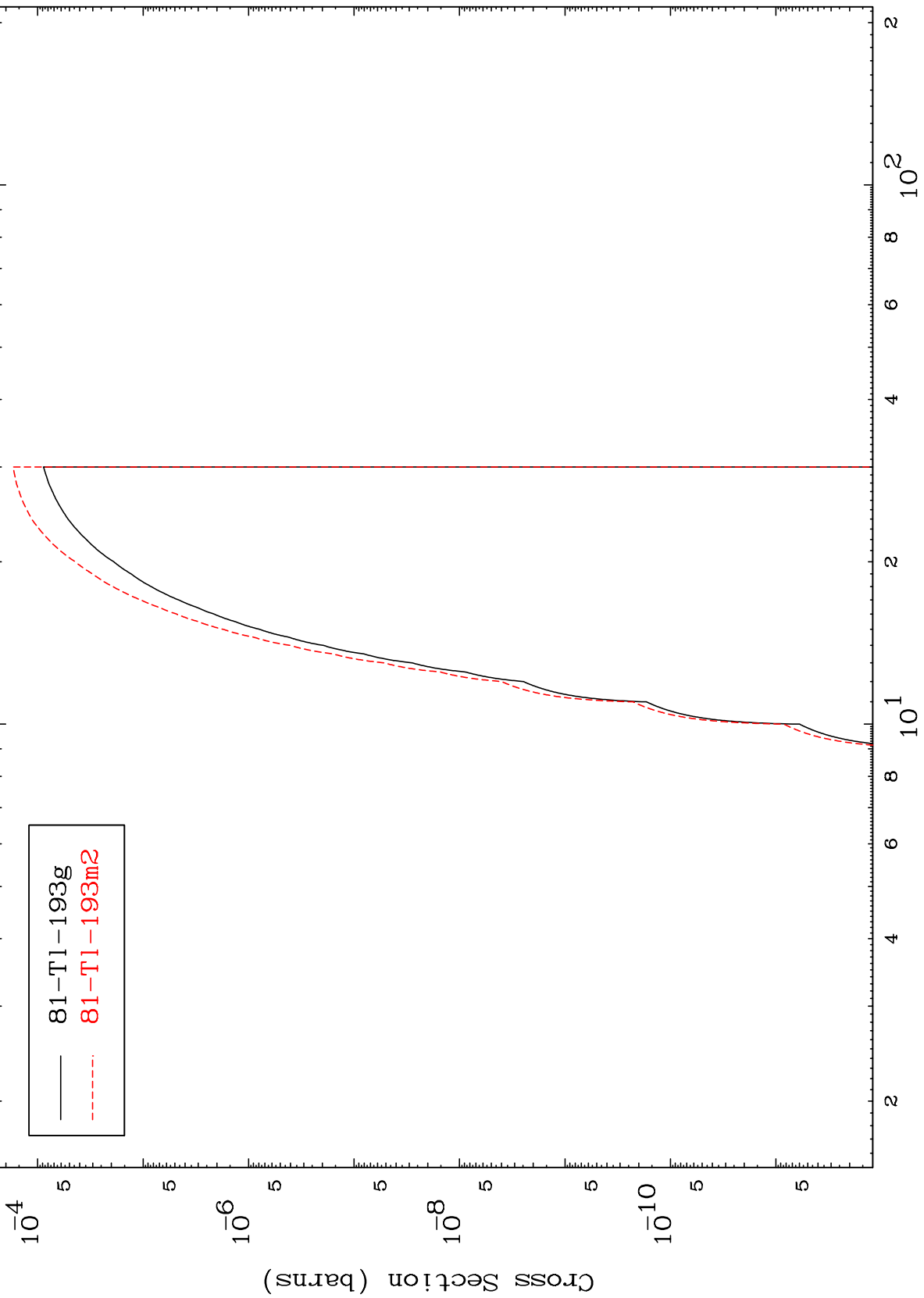


MAT 8293

83-Bi-198

(γ, n') α

Radionuclide Production Cross Section



81-Tl-193g
81-Tl-193m2

15

Incident Energy (MeV)

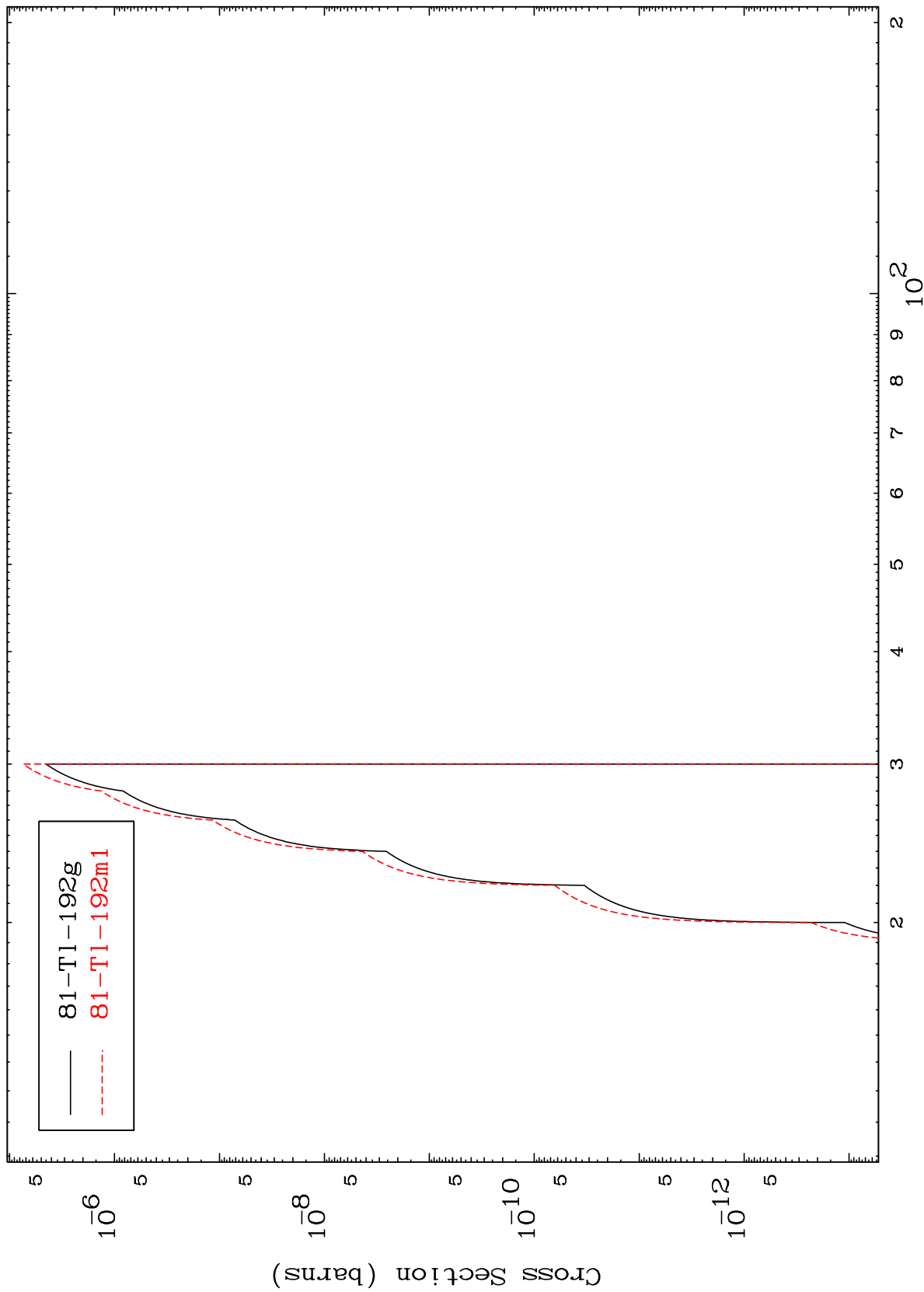
83-Bi-198

MAT 8293

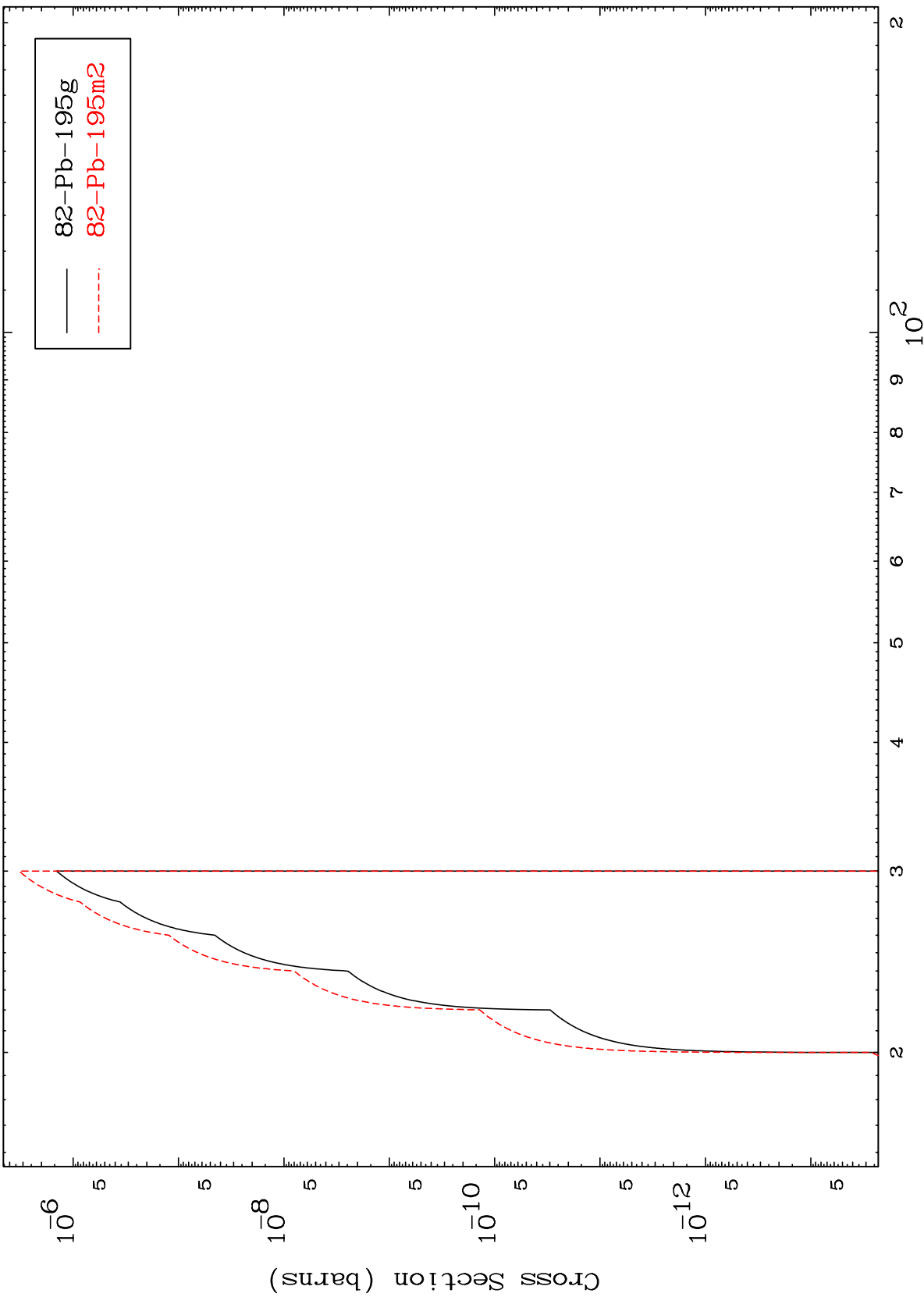
($\gamma, 2n$) α

83-Bi-198

Radionuclide Production Cross Section



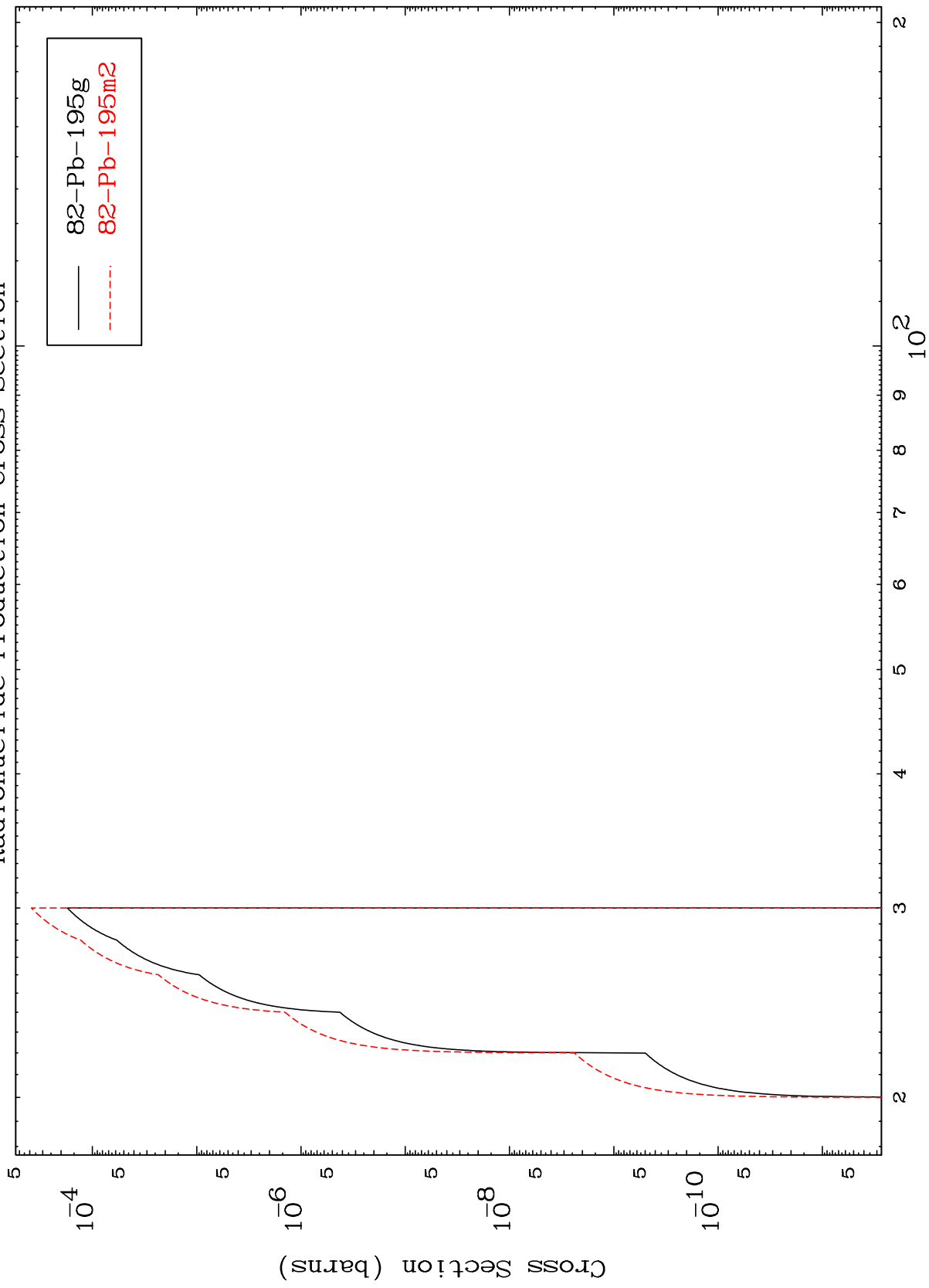
(γ, n') d
Radionuclide Production Cross Section



MAT 8293

83-Bi-198

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



18

Incident Energy (MeV)

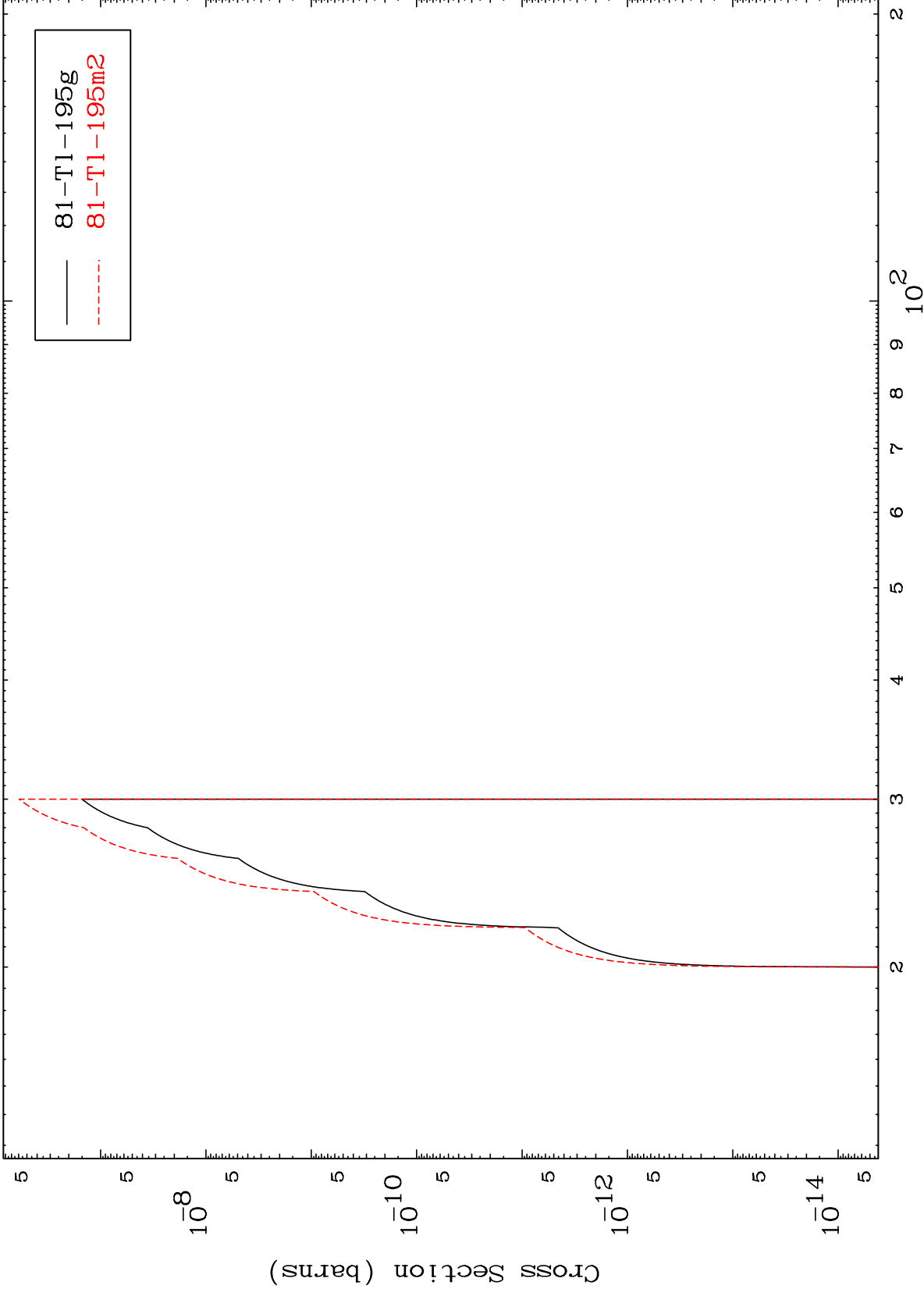
83-Bi-198

MAT 8293

($\gamma, 2n$) p

83-Bi-198

Radionuclide Production Cross Section



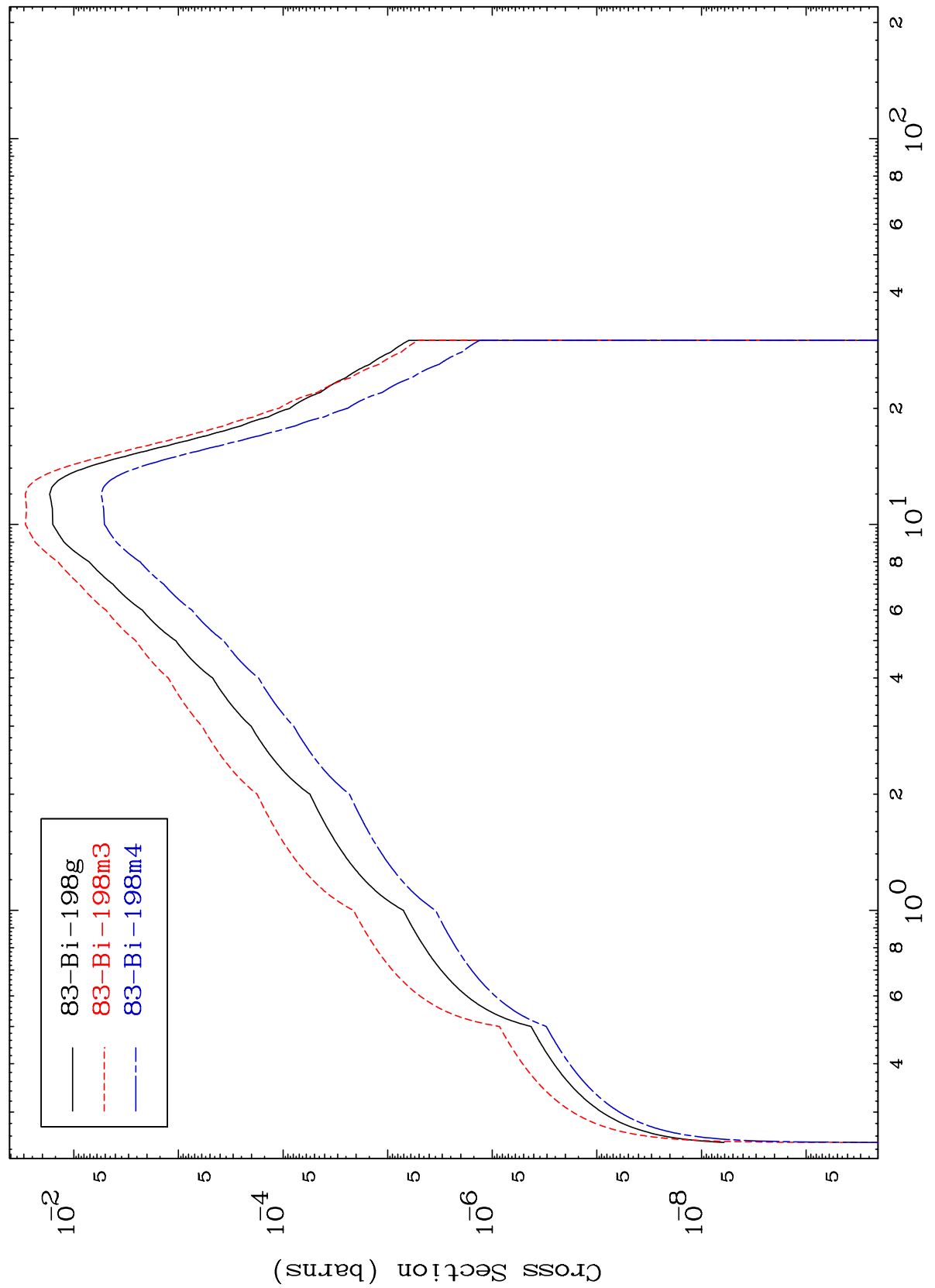
81-Tl-195g
81-Tl-195m2

19

Incident Energy (MeV)

83-Bi-198

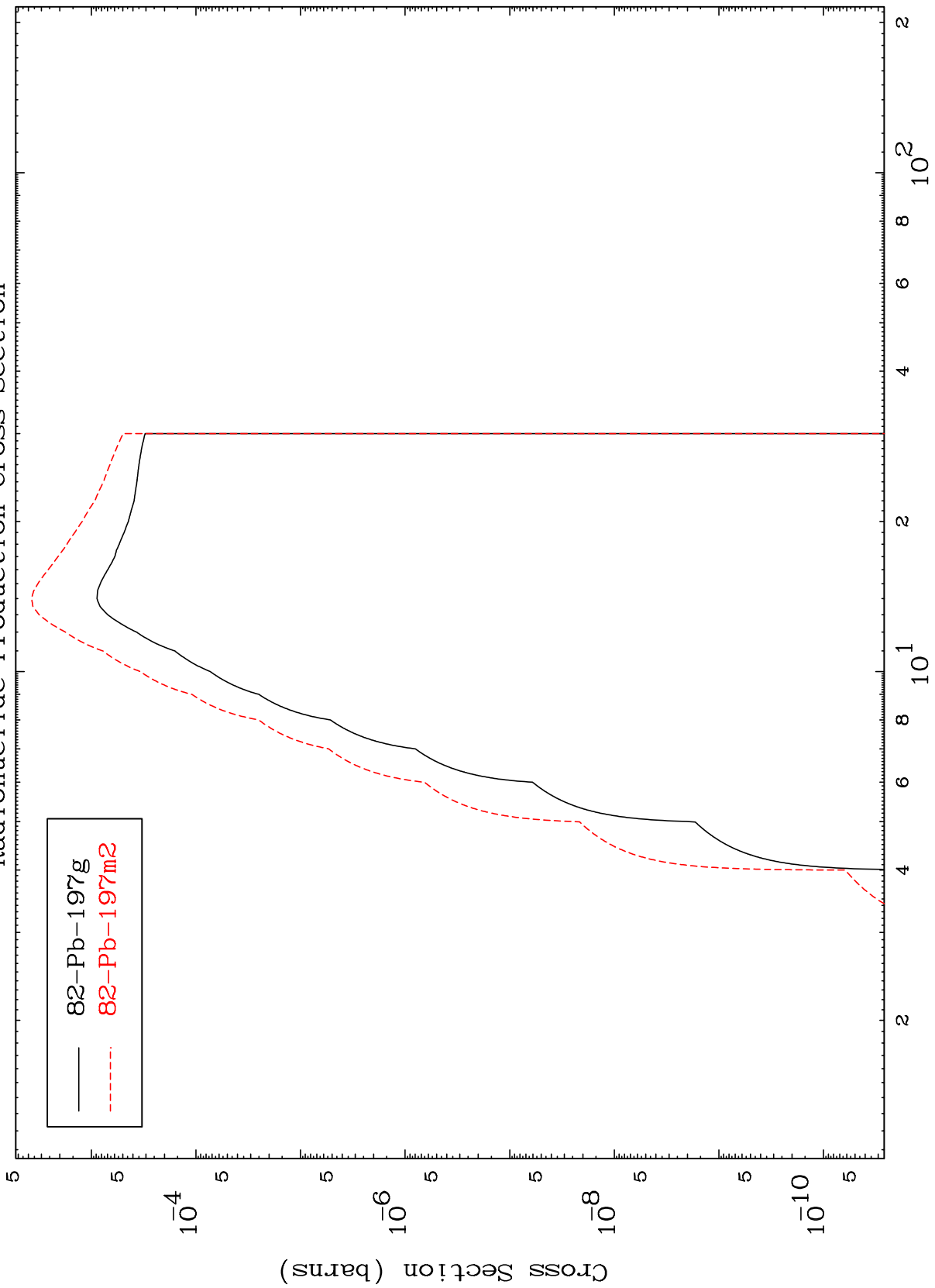
(γ, γ)
Radionuclide Production Cross Section



MAT 8293

83-Bi-198

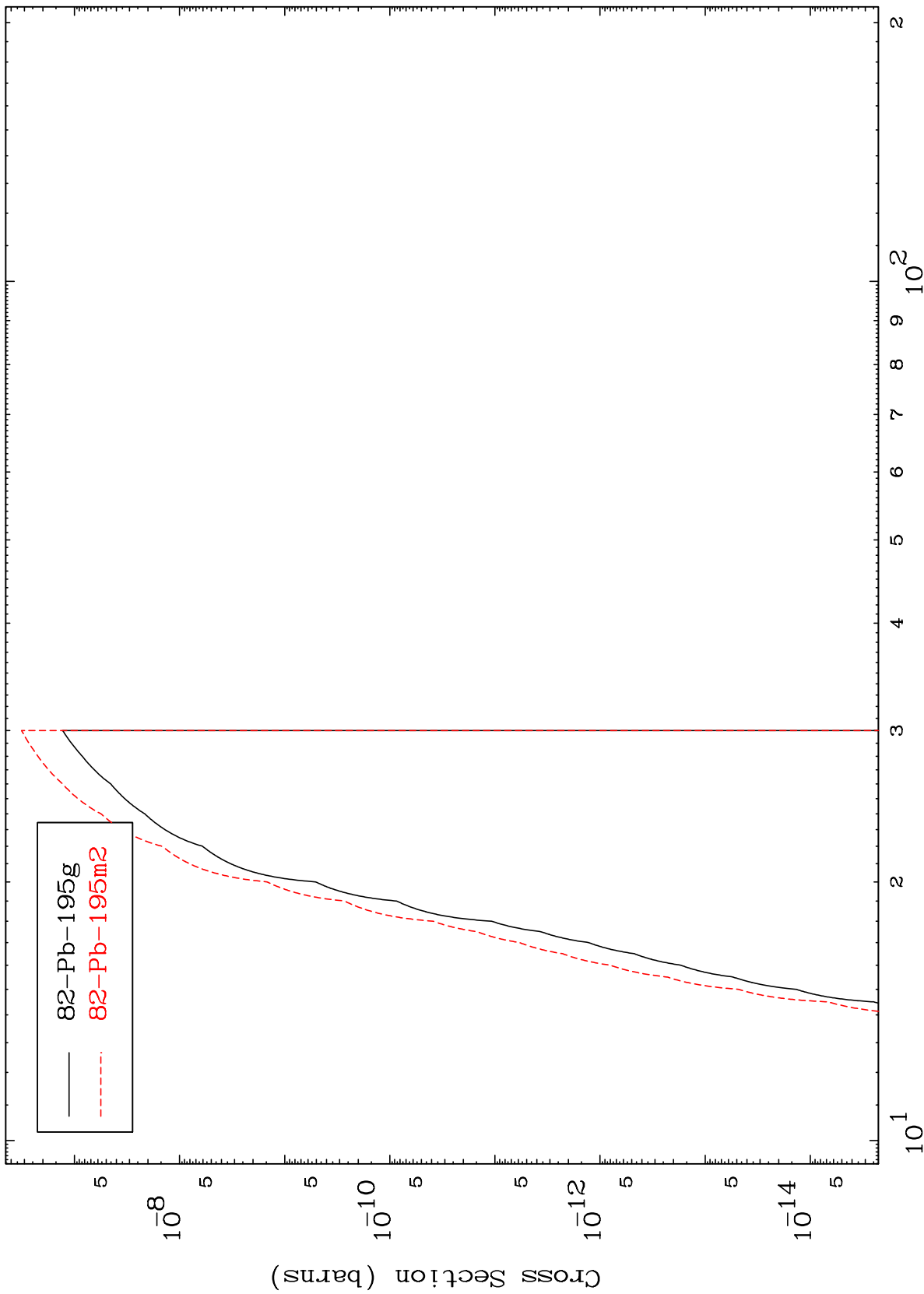
(γ, p)
Radionuclide Production Cross Section



MAT 8293

83-Bi-198

(γ, t)
Radionuclide Production Cross Section

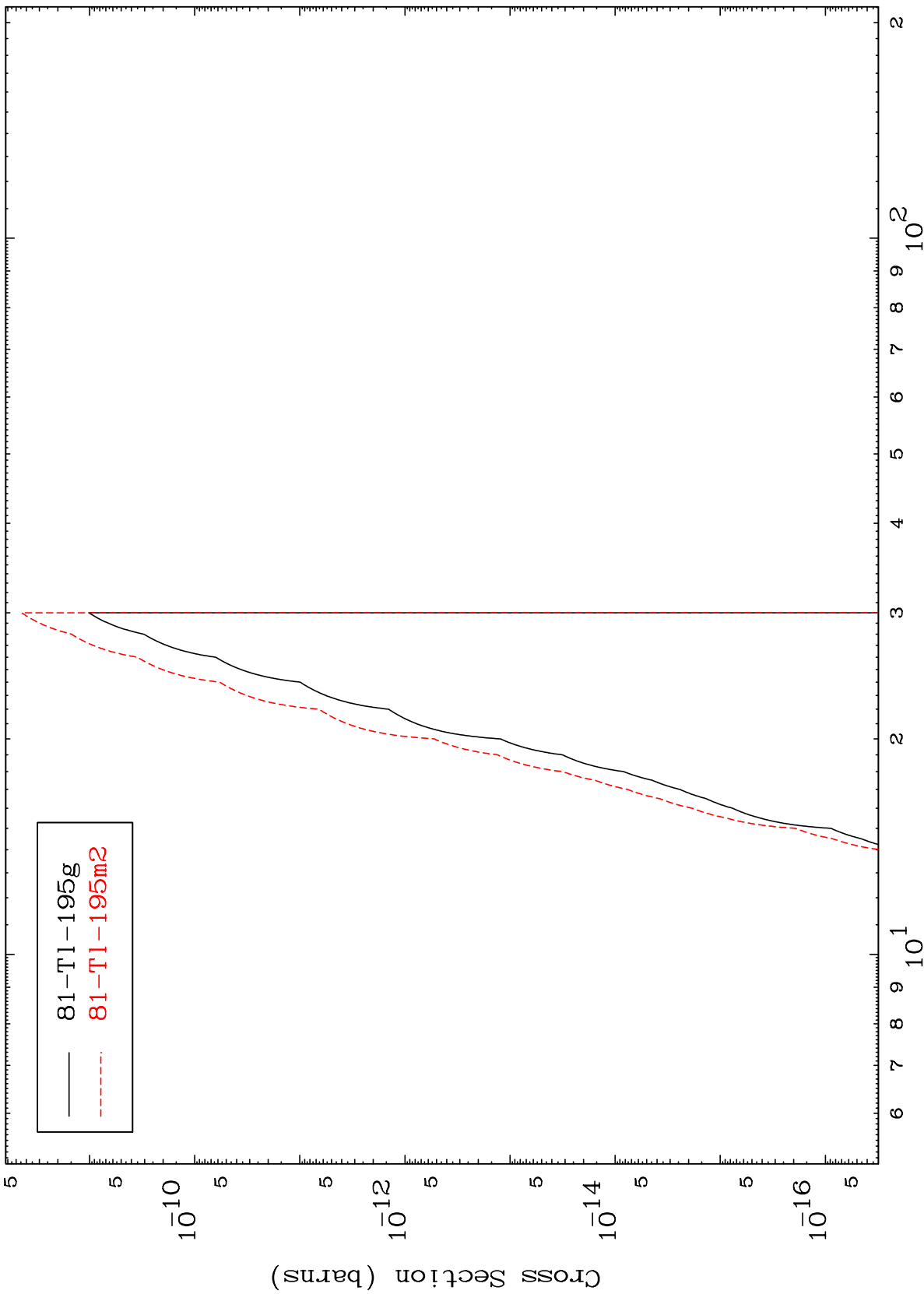


22

Incident Energy (MeV)

83-Bi-198

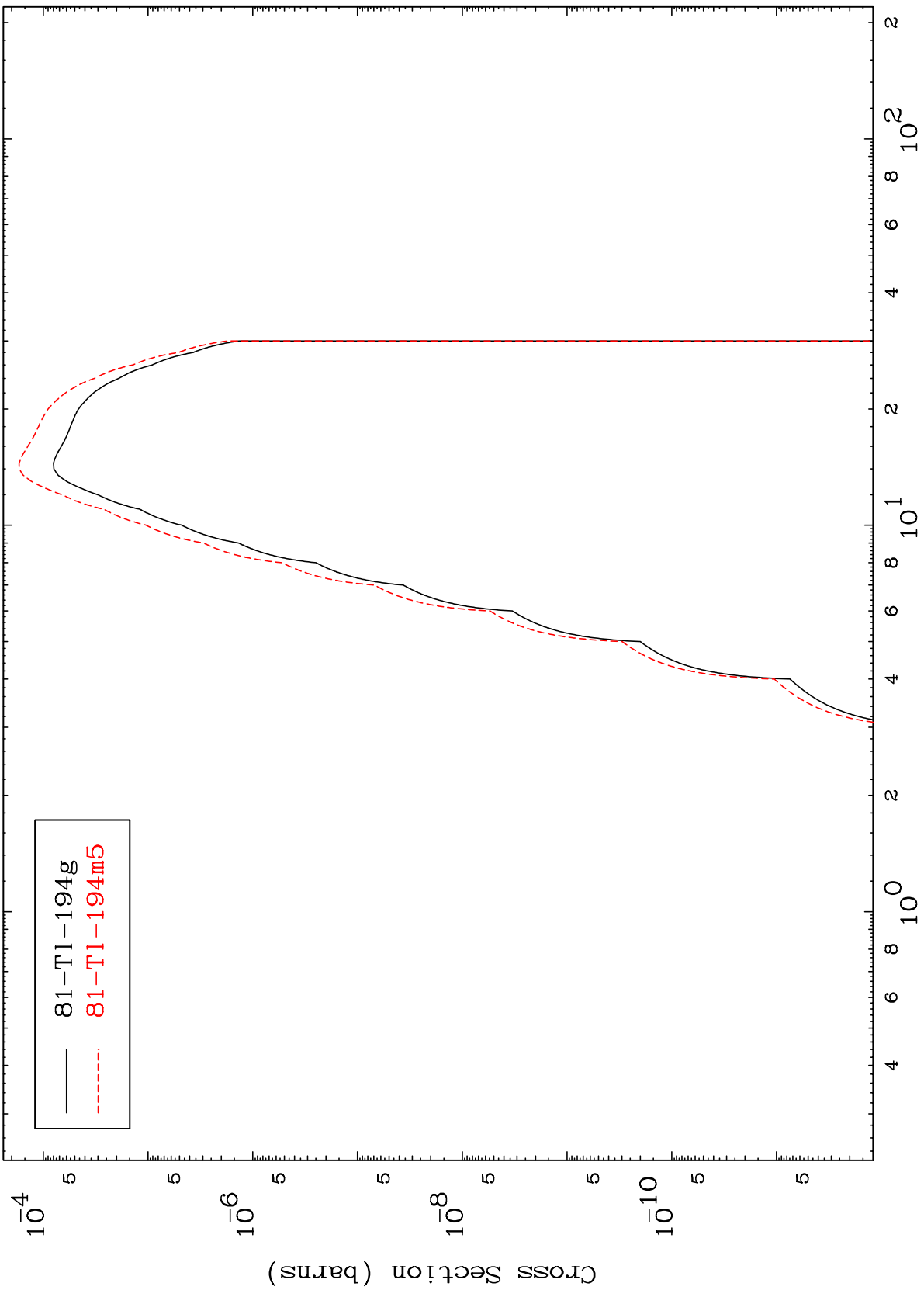
($\gamma, \text{He-3}$)
Radionuclide Production Cross Section



MAT 8293

83-Bi-198

Radionuclide Production Cross Section
(γ, α)



24

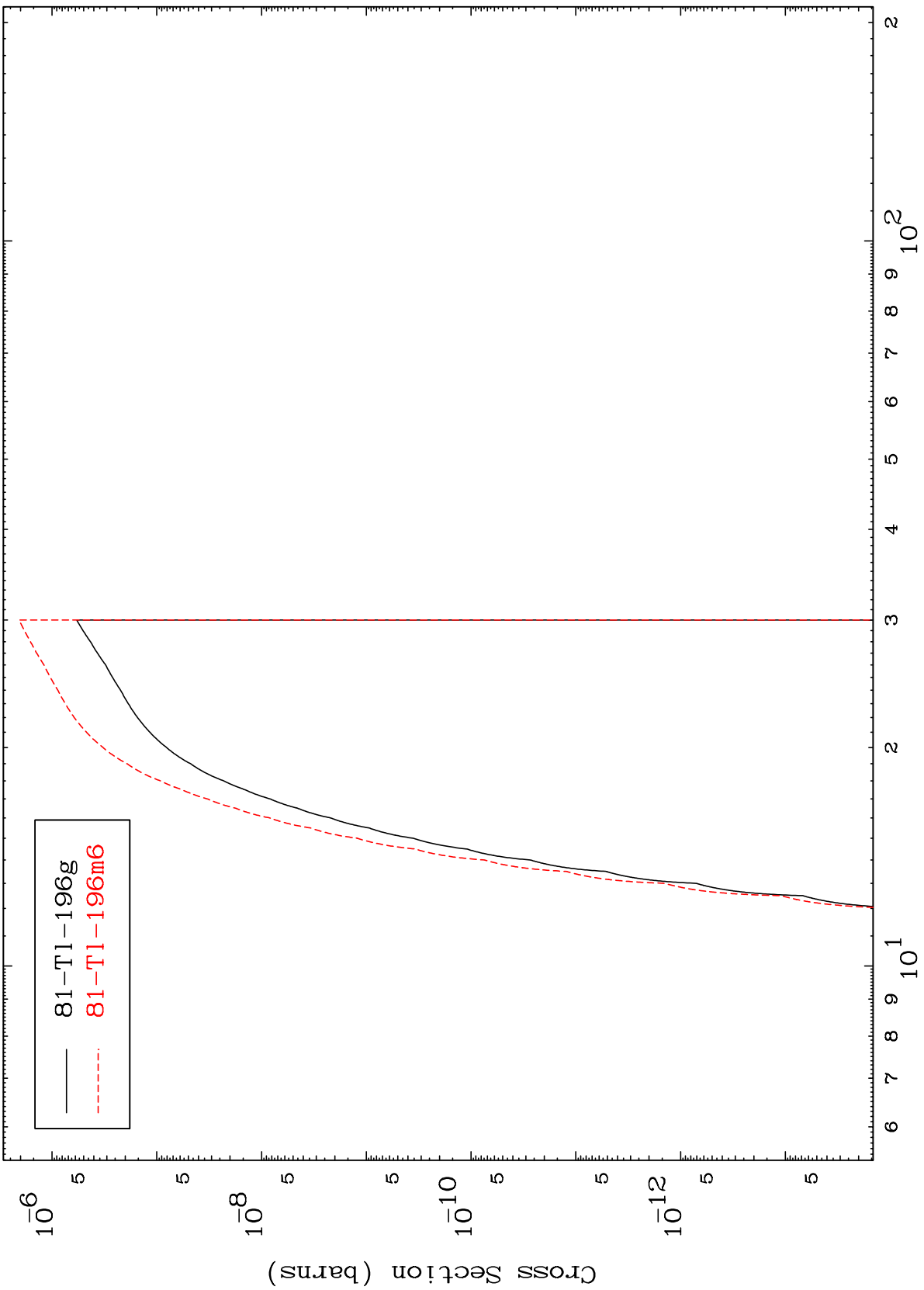
83-Bi-198

Incident Energy (MeV)

MAT 8293

83-Bi-198

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



25

83-Bi-198

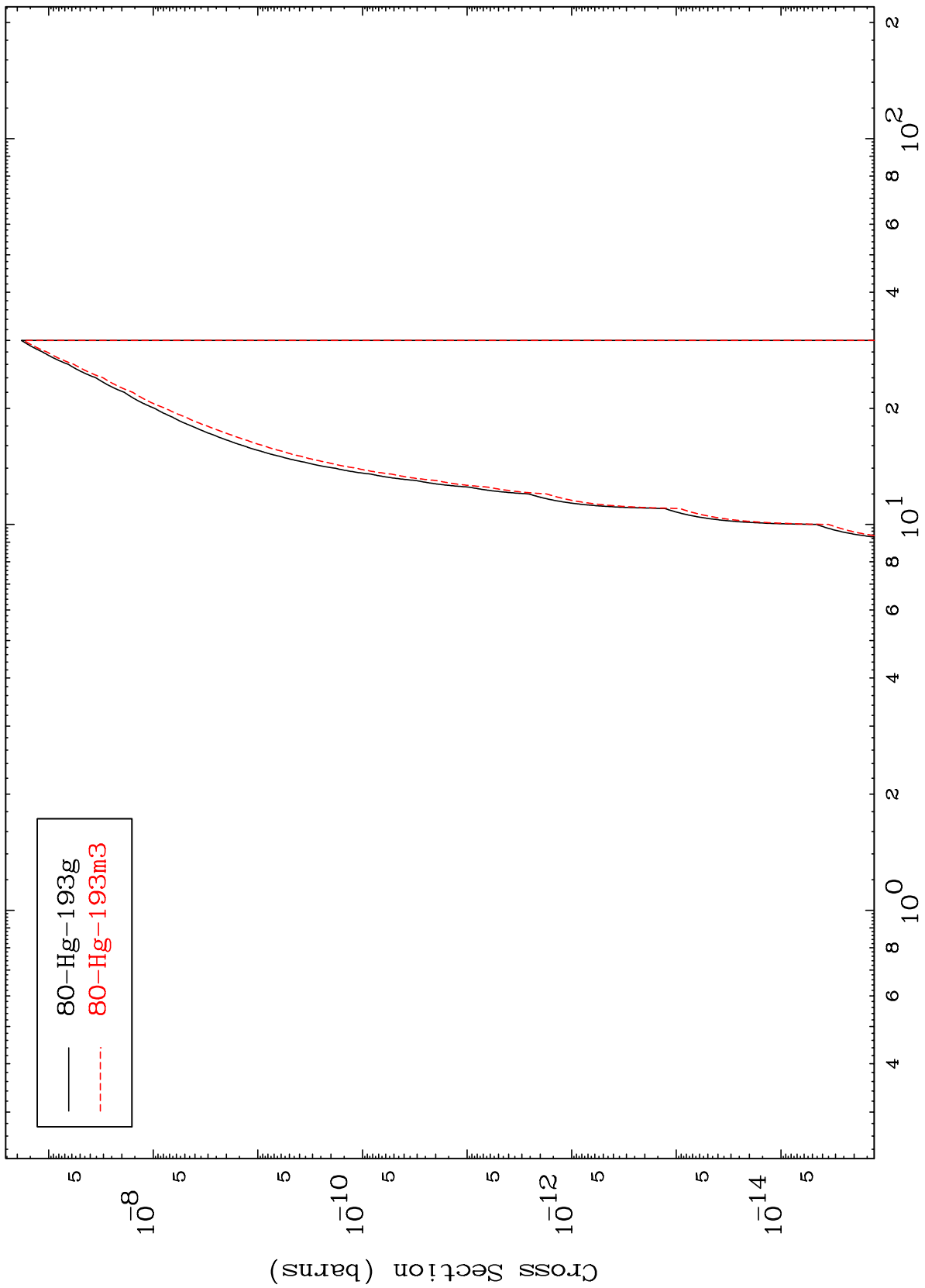
Incident Energy (MeV)

MAT 8293

(γ, p) α

83-Bi-198

Radionuclide Production Cross Section



MAT 8293

(γ, p) d

83-Bi-198

