

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

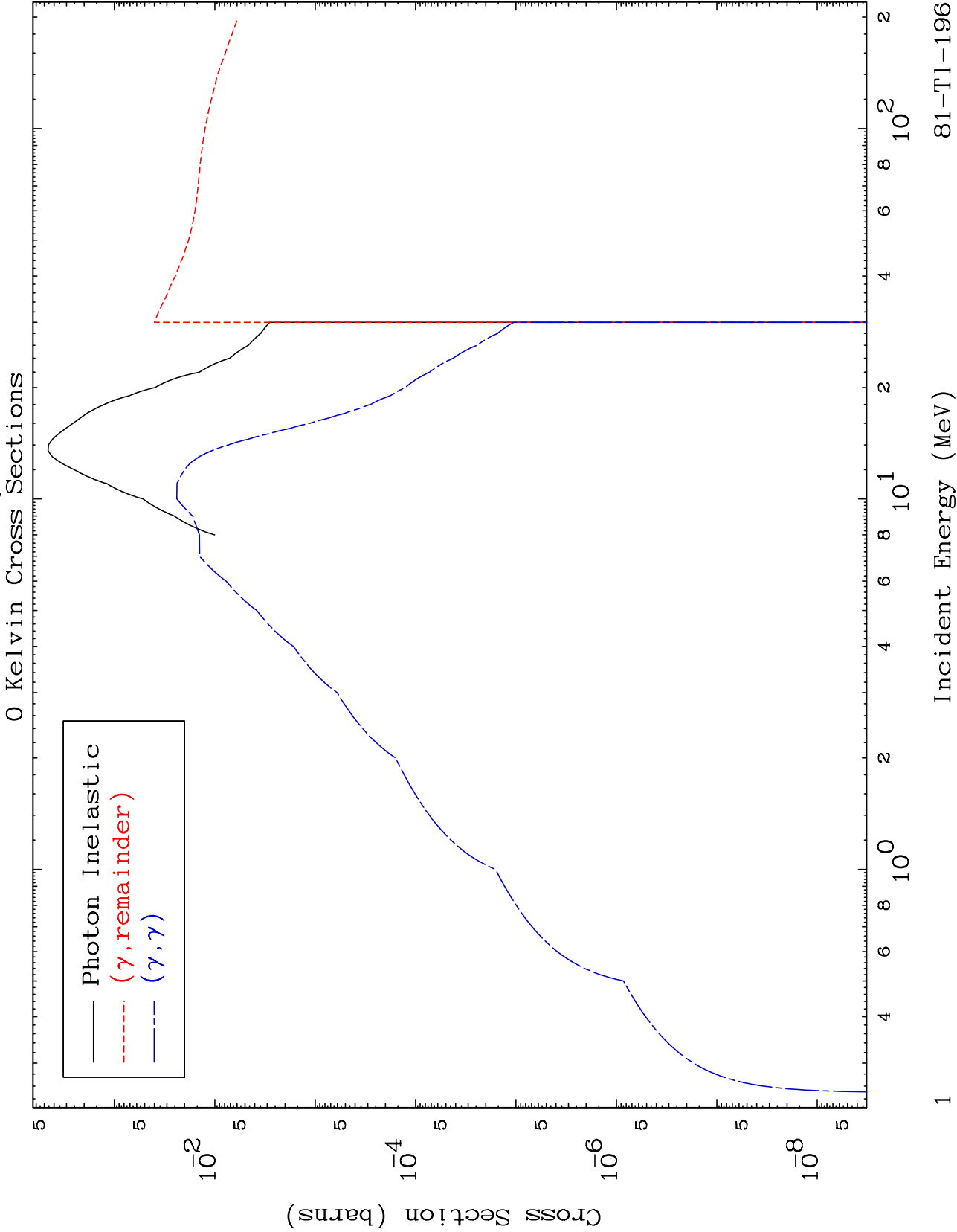
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8104

Photon Major

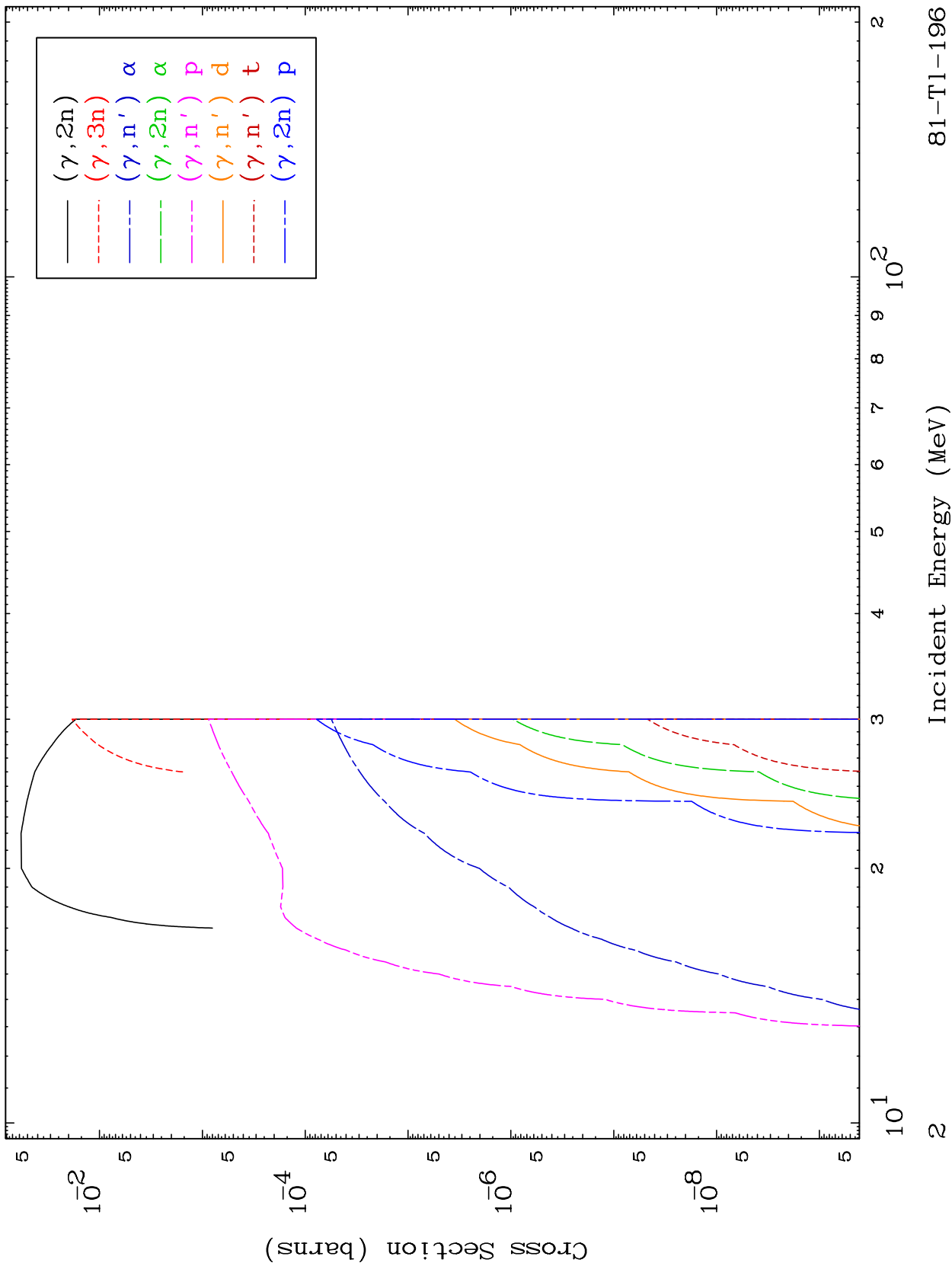
81-Tl-196



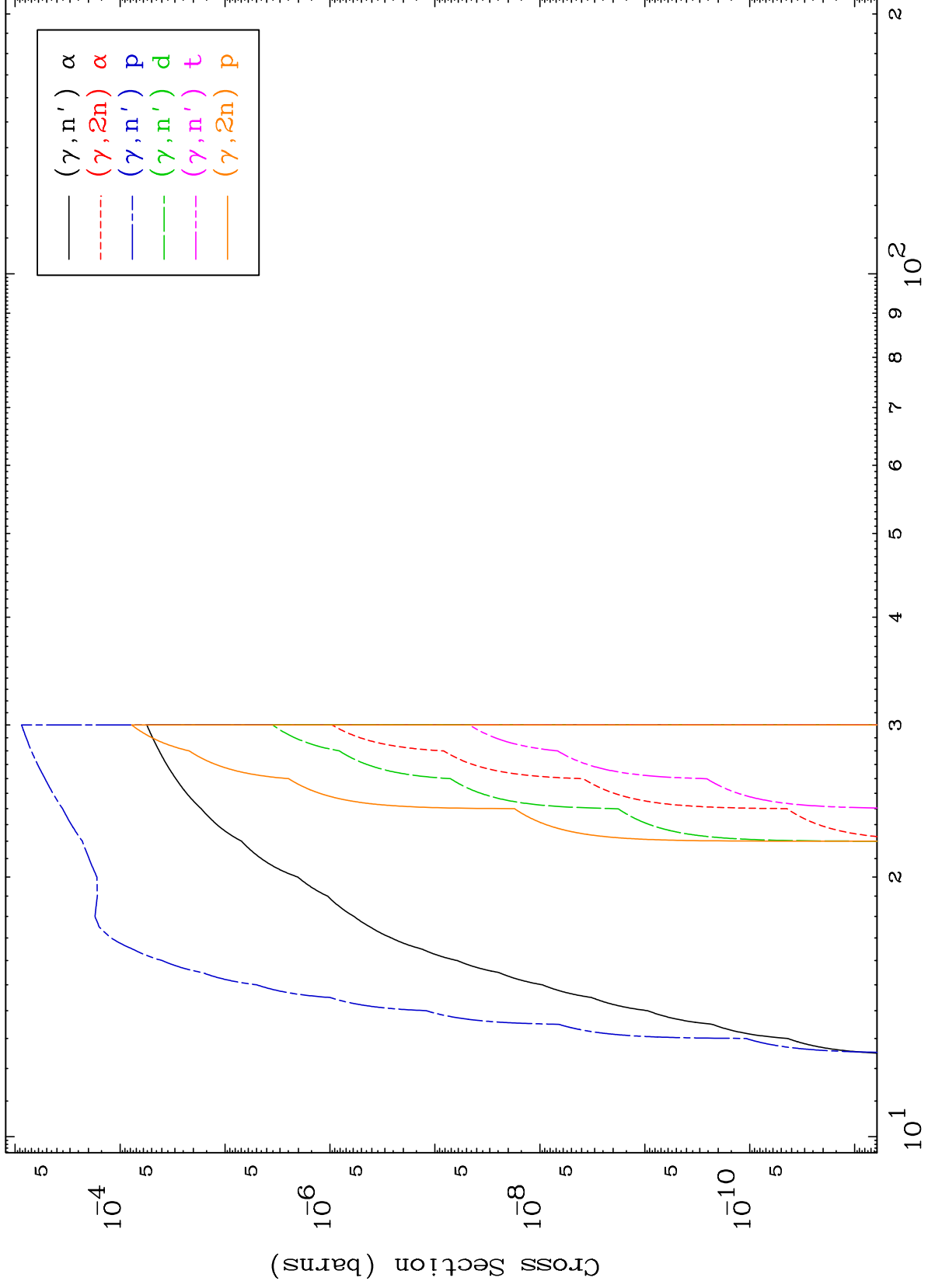
MAT 8104

Photon Neutron Production
0 Kelvin Cross Sections

81-Tl-196



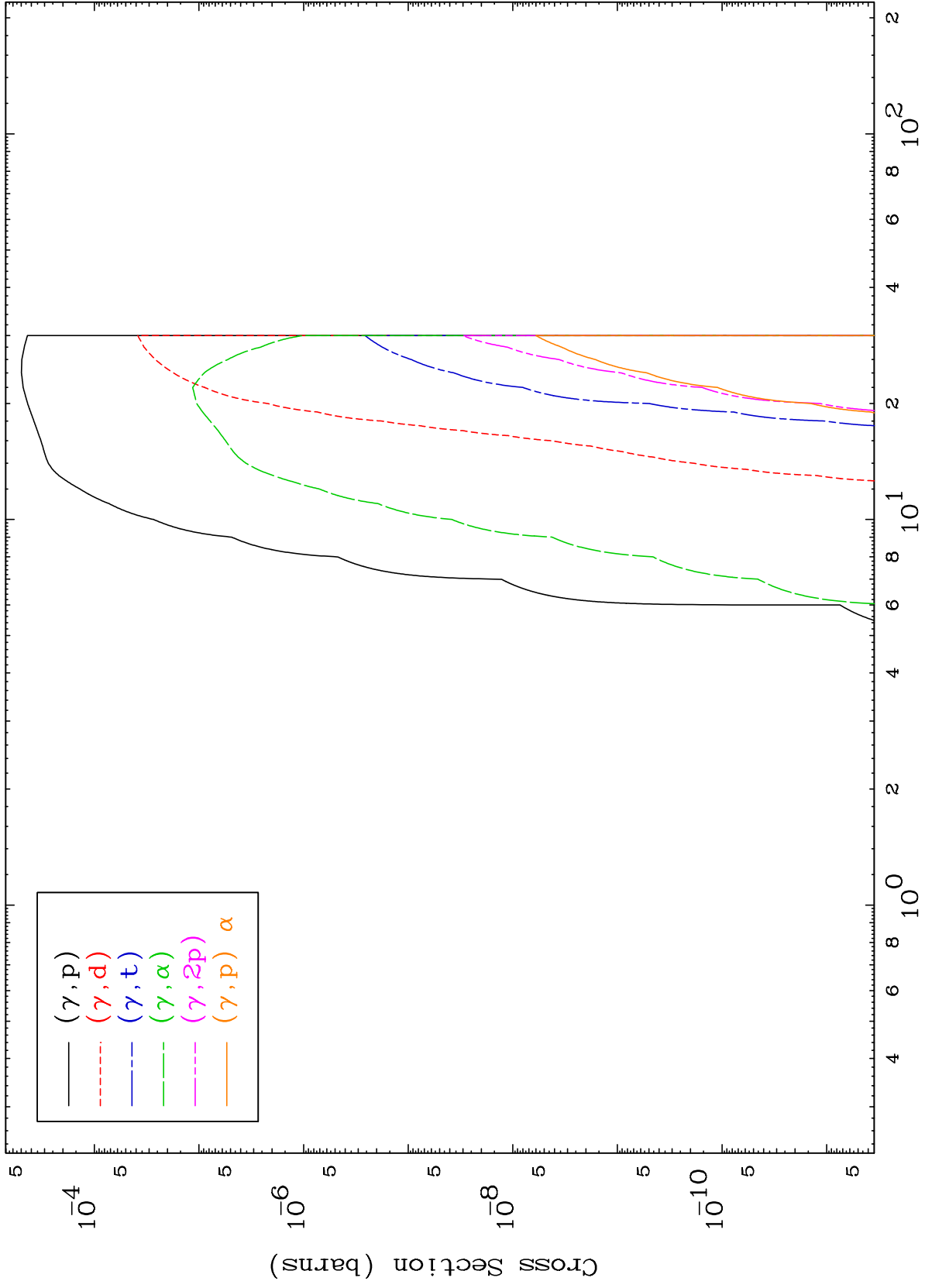
81-Tl-196



MAT 8104

Photon Charged Particle
0 Kelvin Cross Sections

81-Tl-196

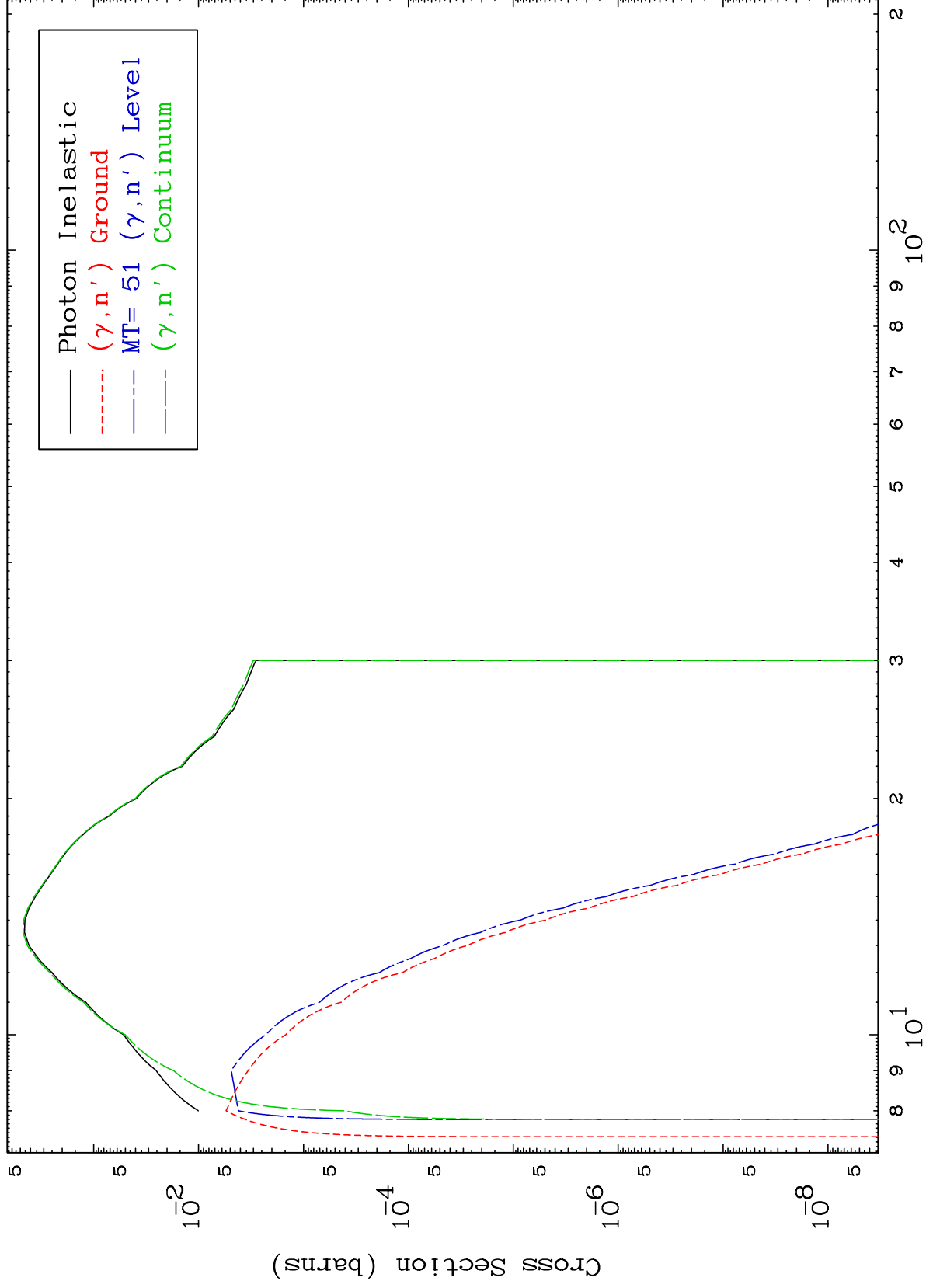


MAT 8104

(γ, n') Level

81-Tl-196

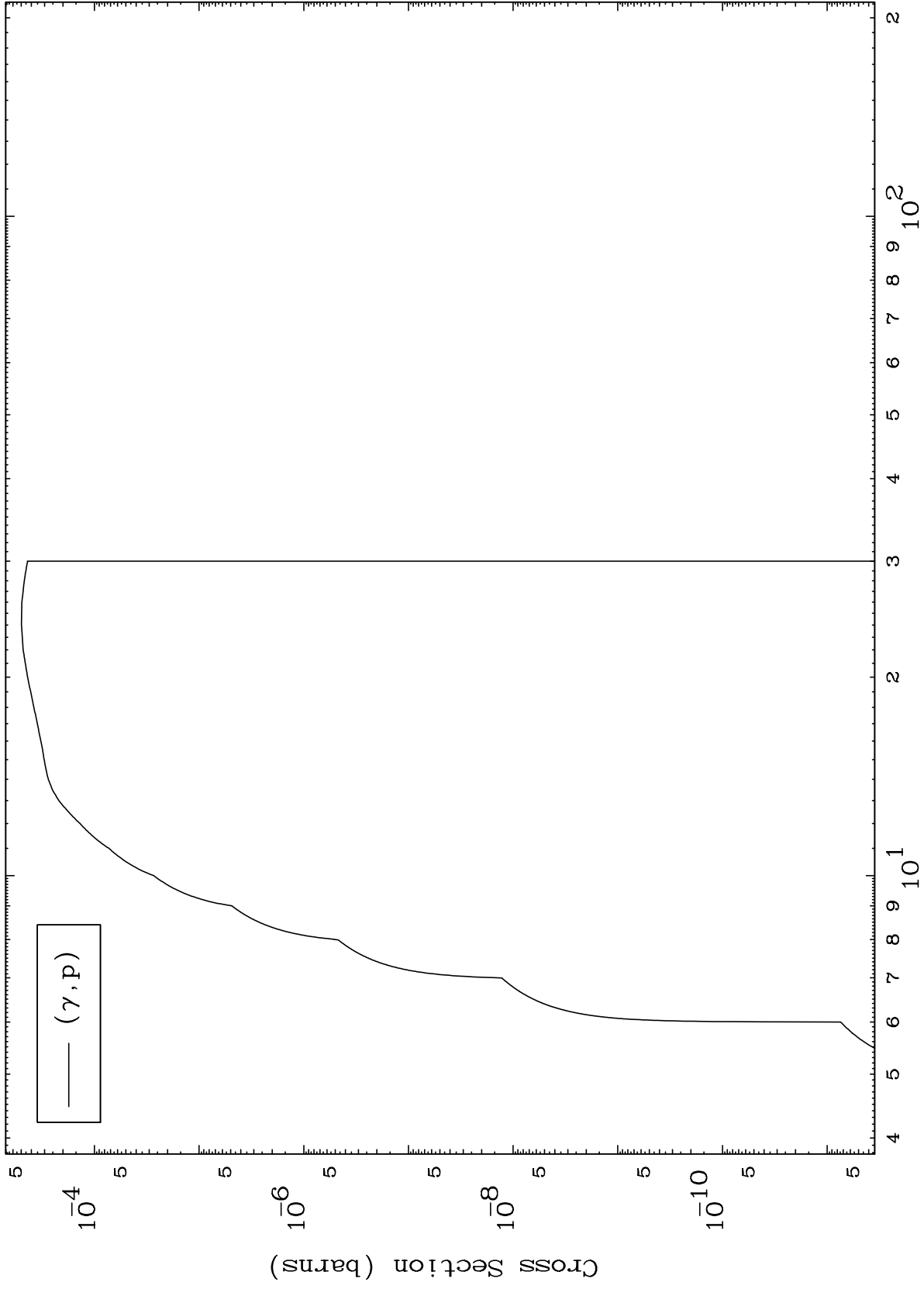
0 Kelvin Cross Sections

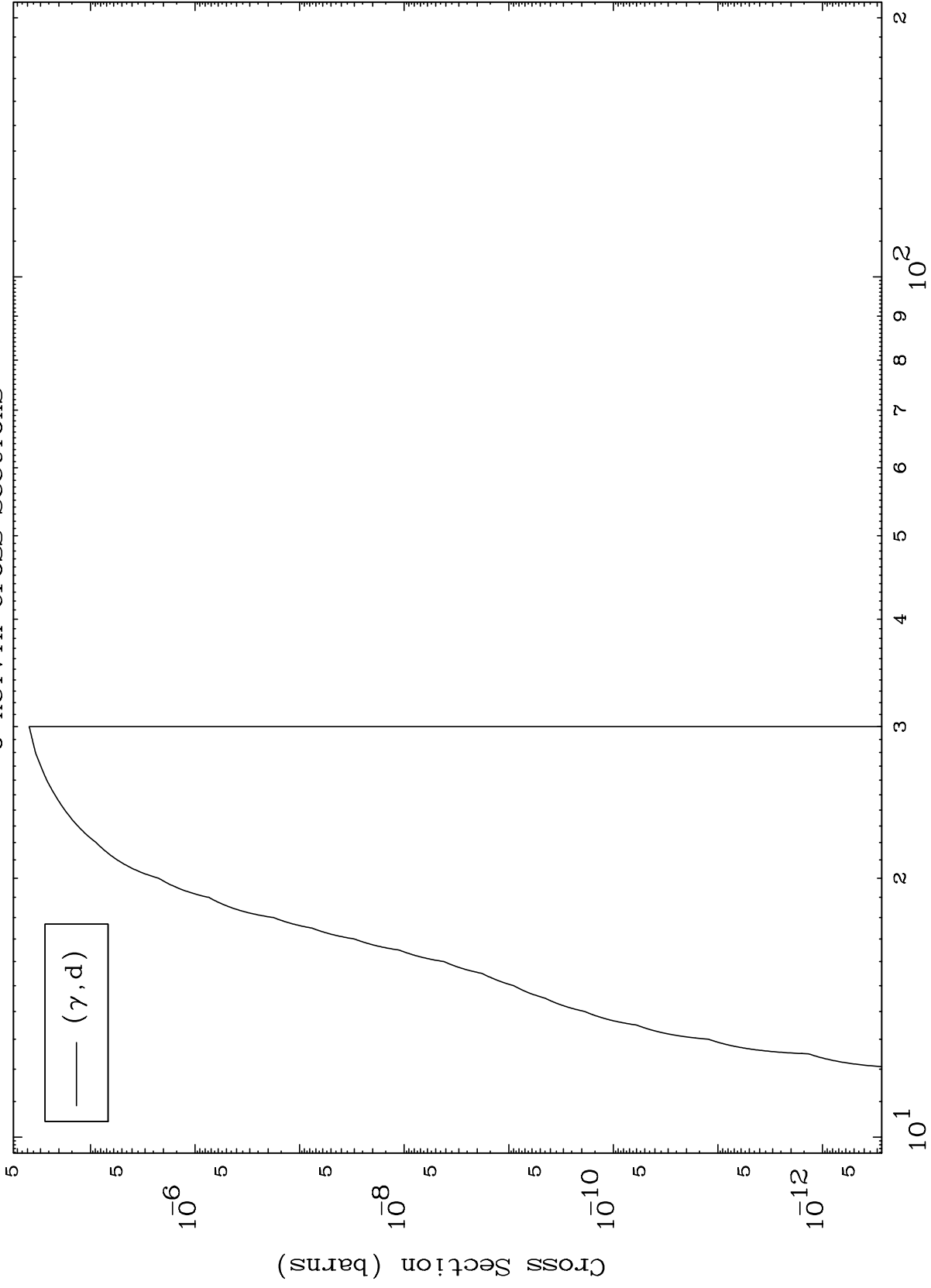


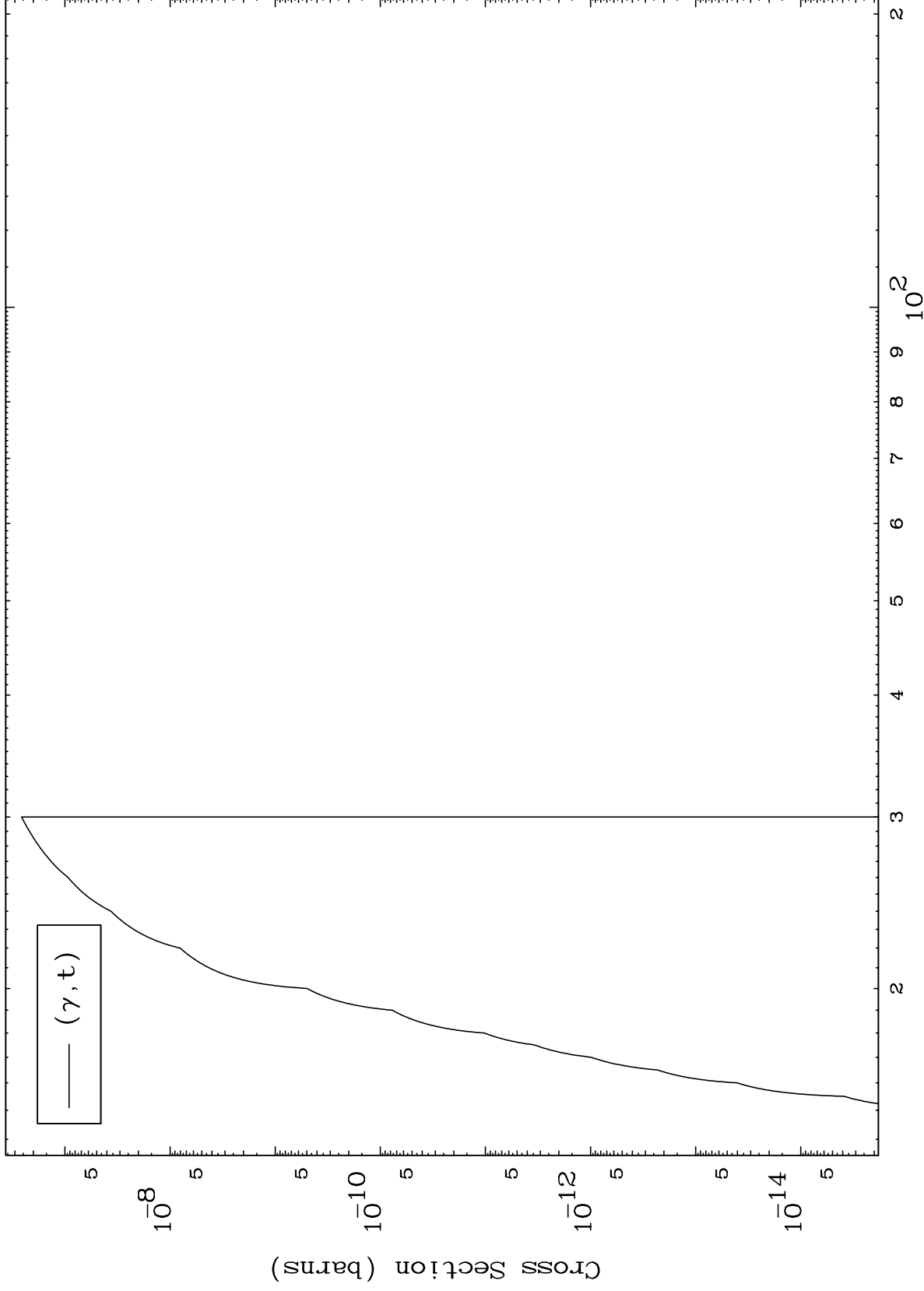
5

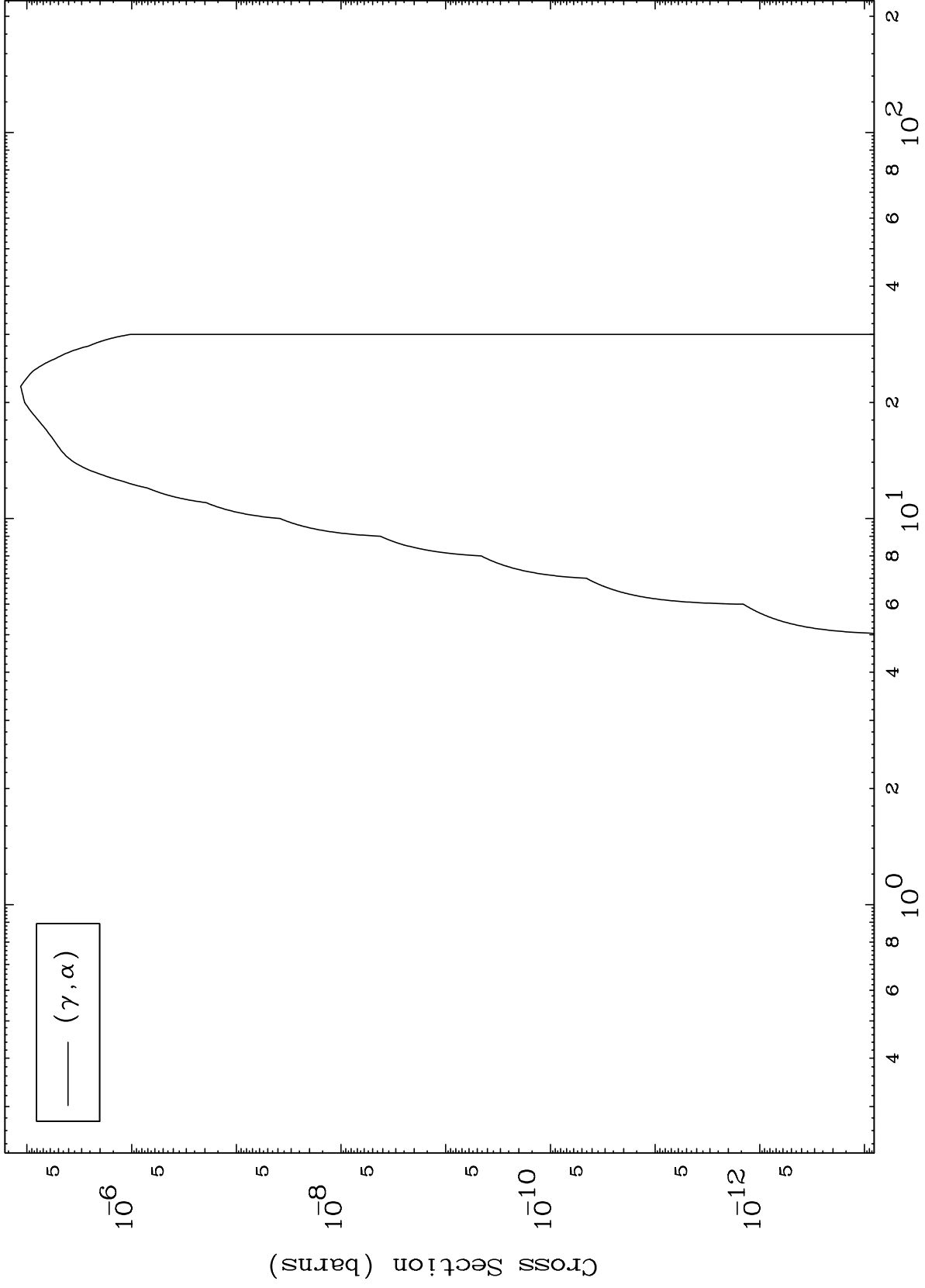
Incident Energy (MeV)

81-Tl-196





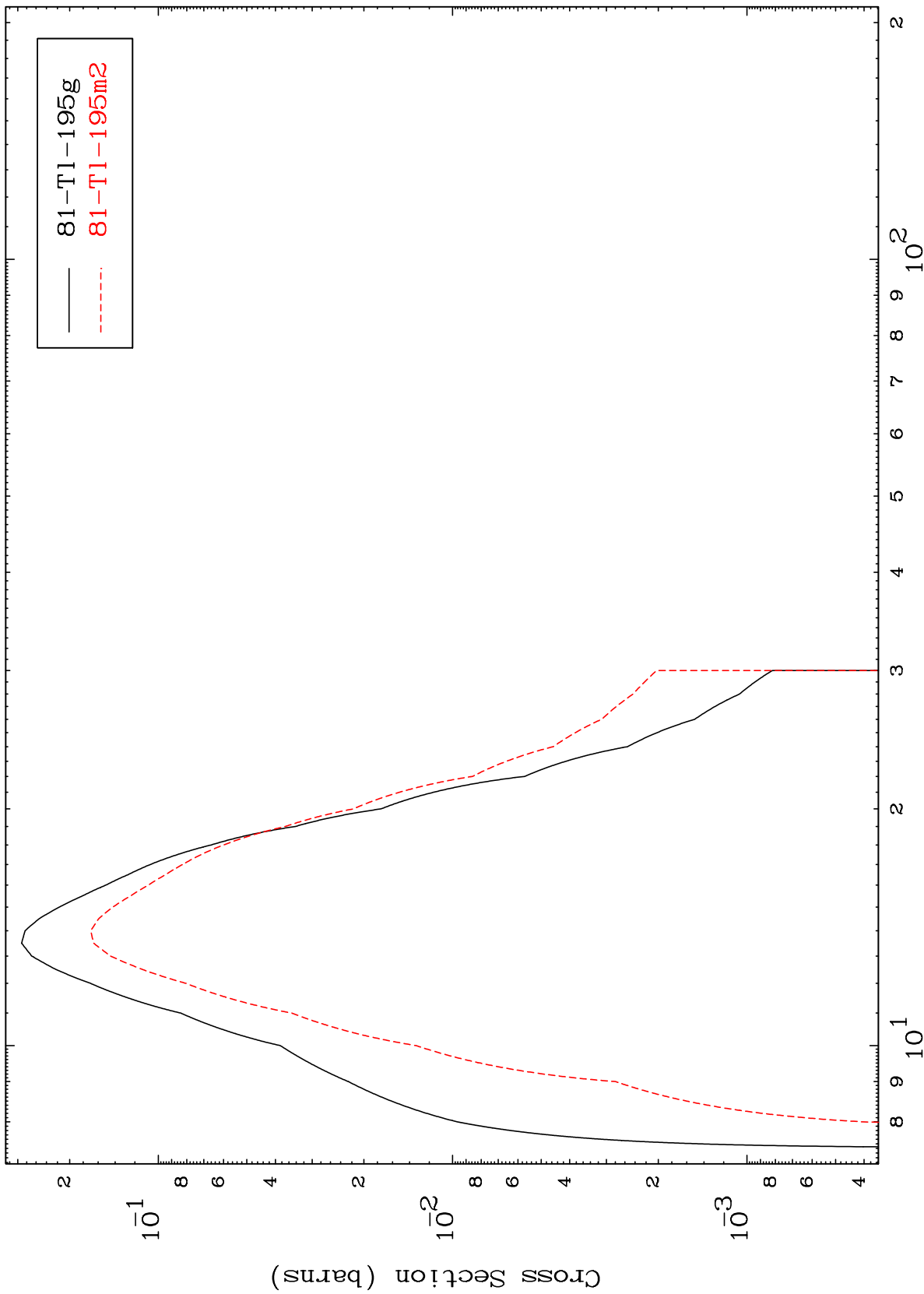




MAT 8104

81-Tl-196

Photon Inelastic
Radionuclide Production Cross Section



81-Tl-196

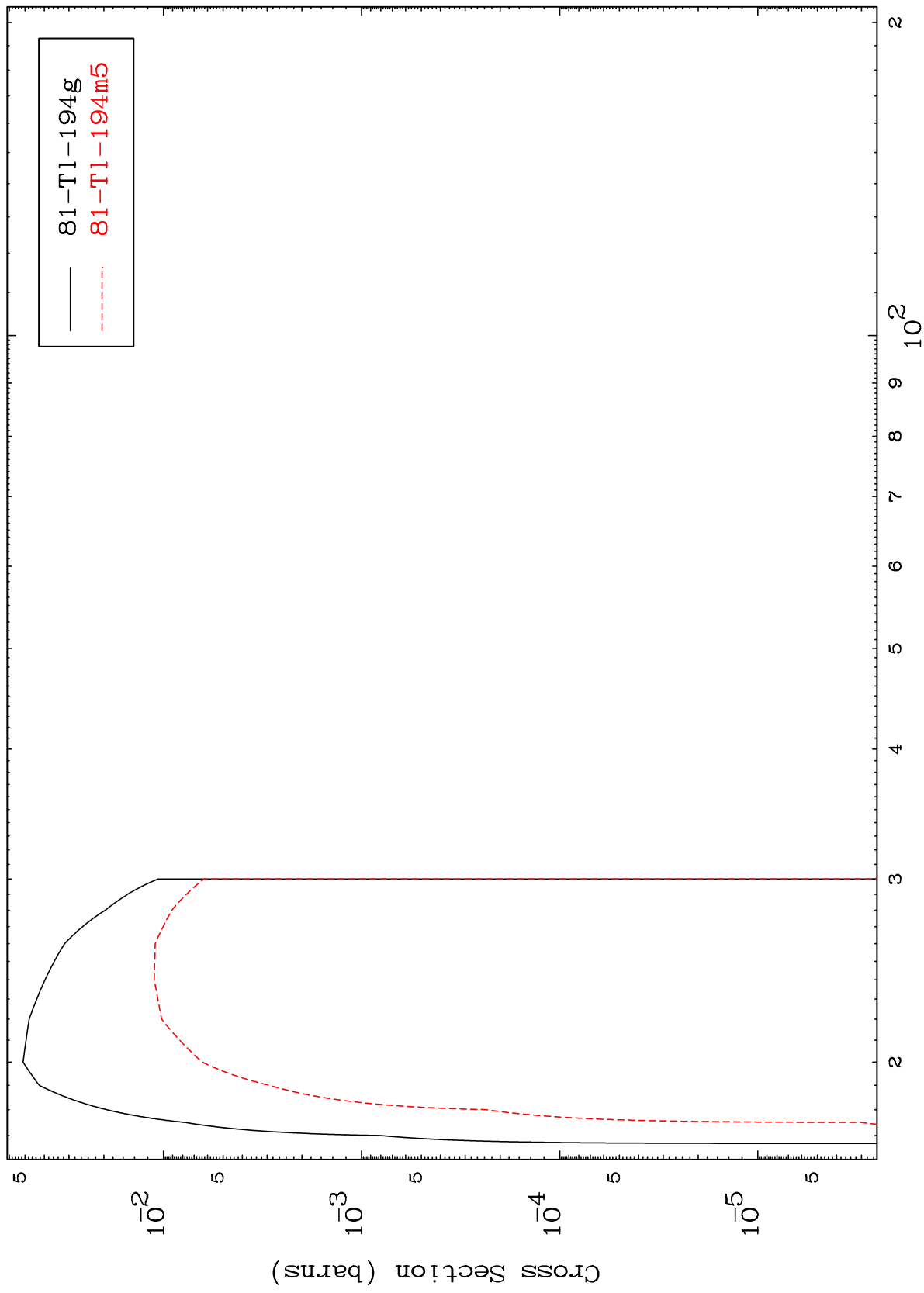
Incident Energy (MeV)

10

MAT 8104

81-Tl-196

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



11

Incident Energy (MeV)

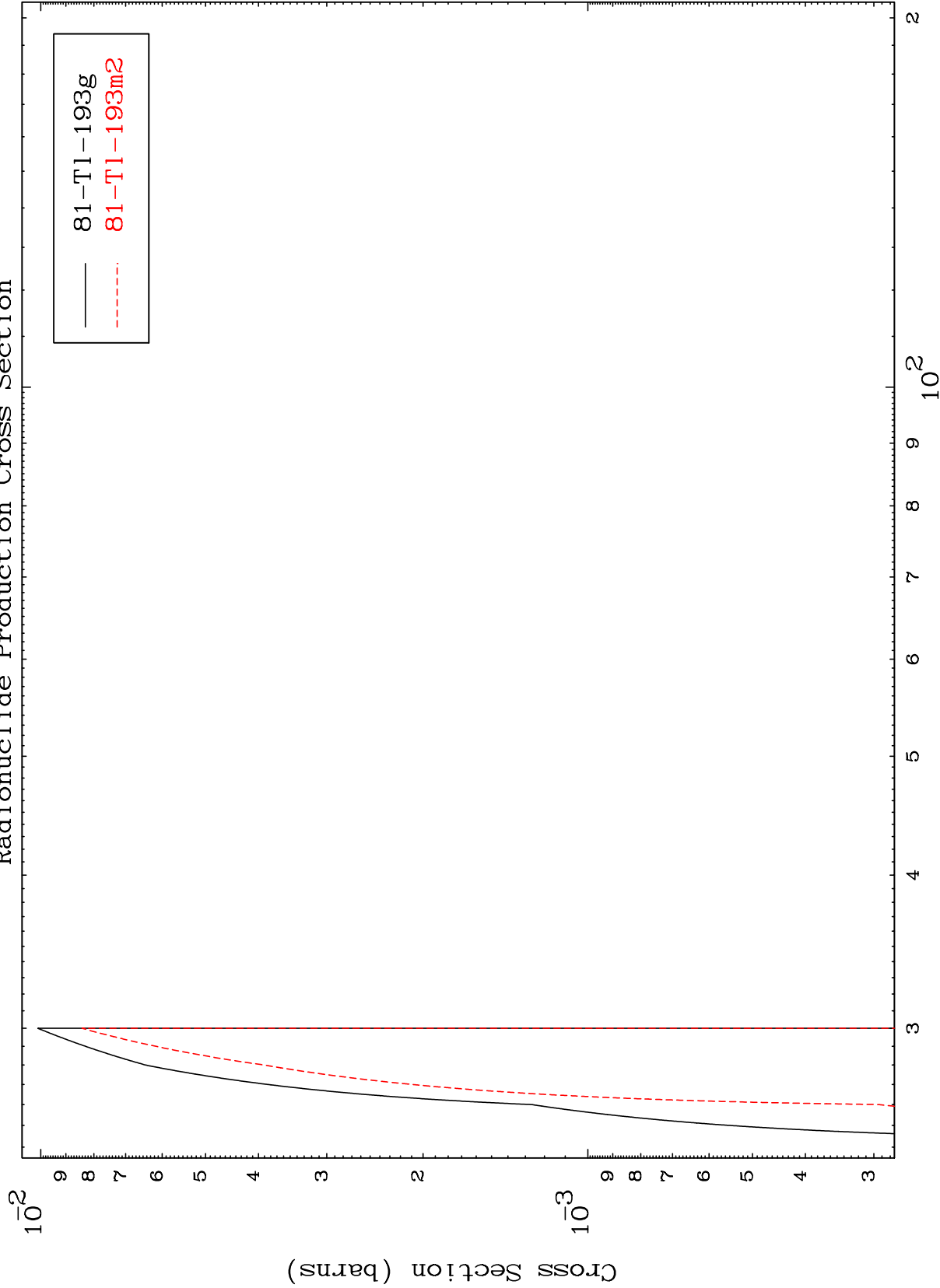
81-Tl-196

MAT 8104

($\gamma, 3n$)

81-Tl-196

Radionuclide Production Cross Section



12

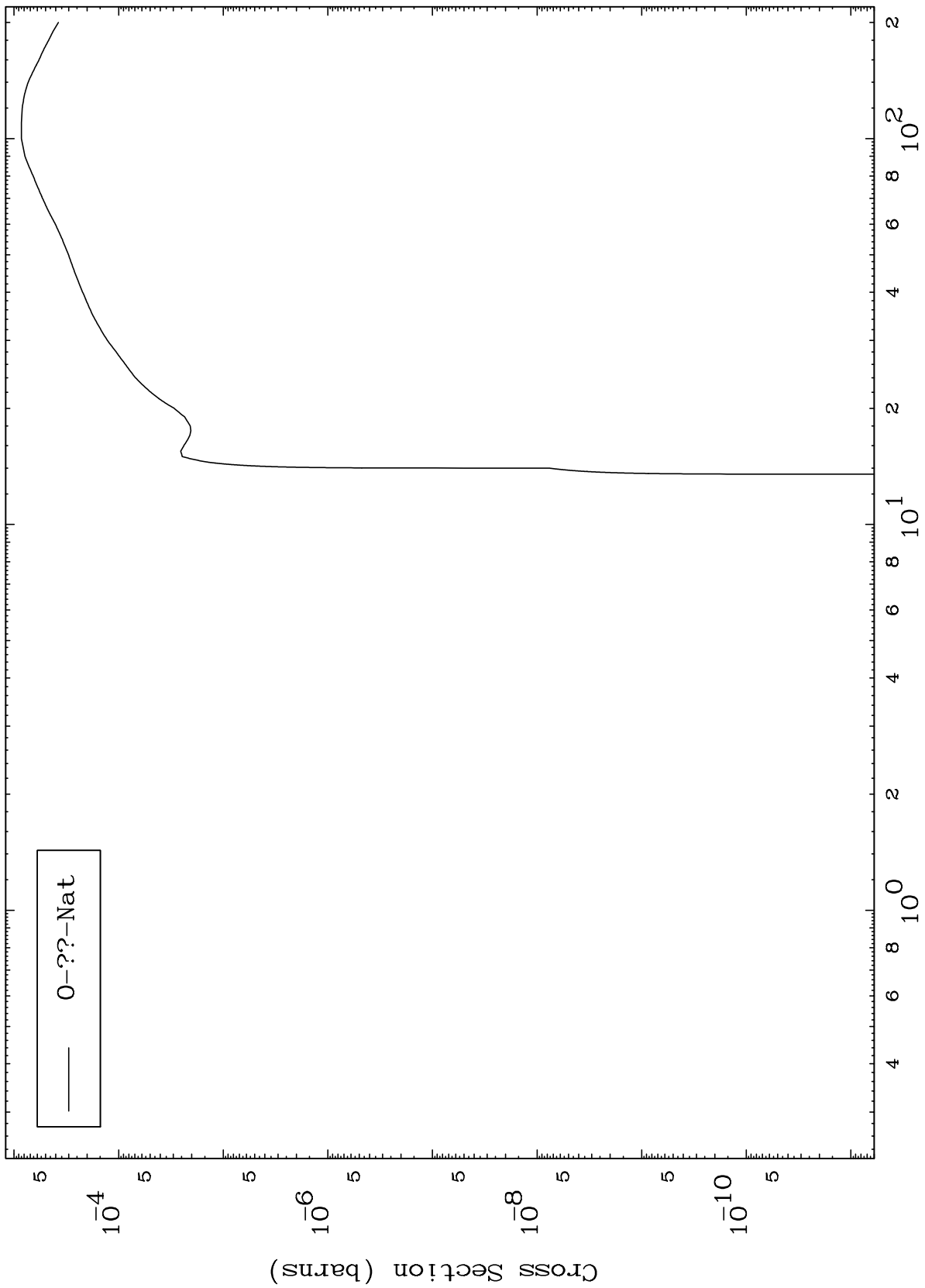
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

Photon Fission
Radionuclide Production Cross Section



81-Tl-196

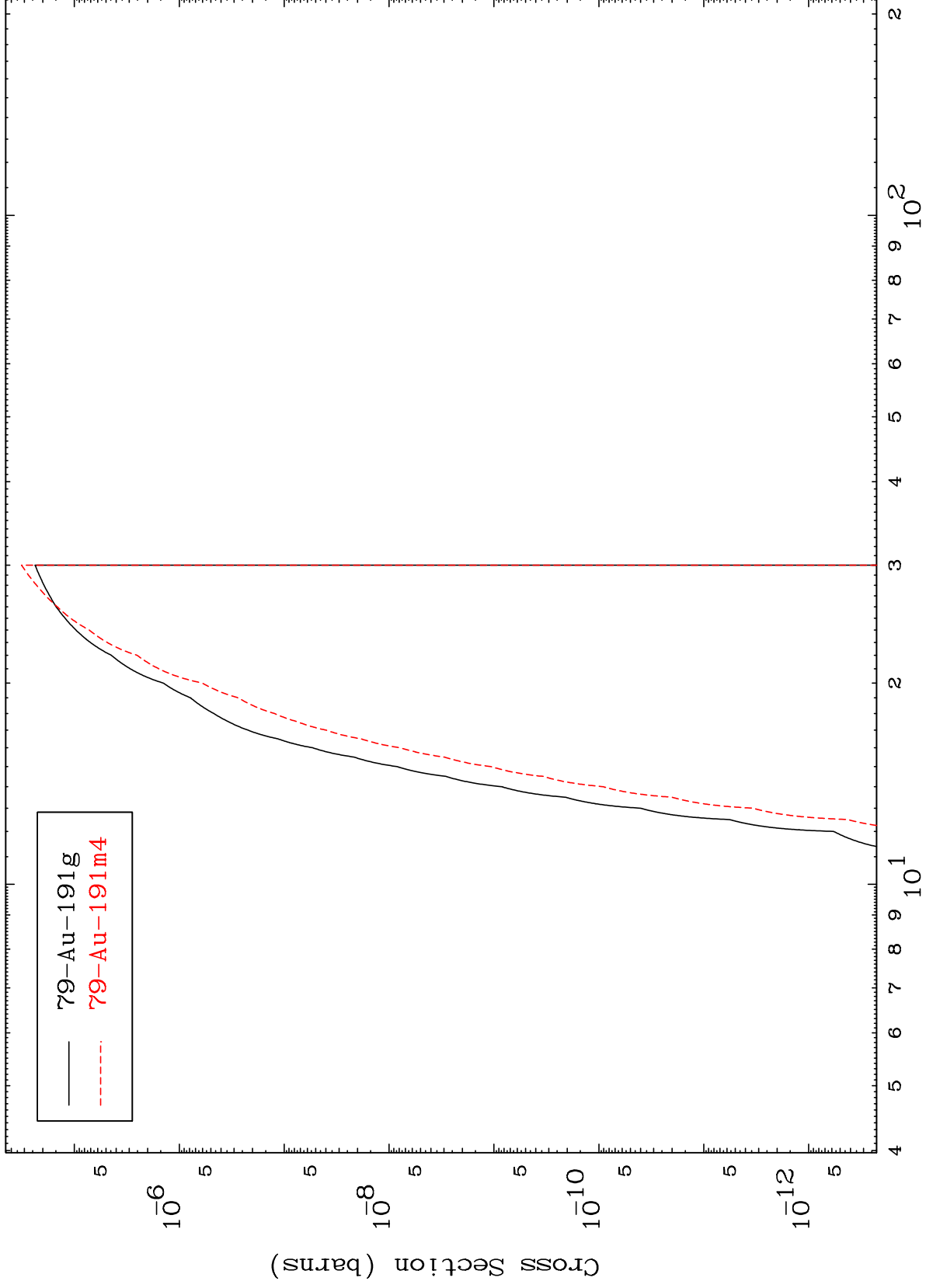
Incident Energy (MeV)

MAT 8104

81-Tl-196

(γ, n') α

Radionuclide Production Cross Section

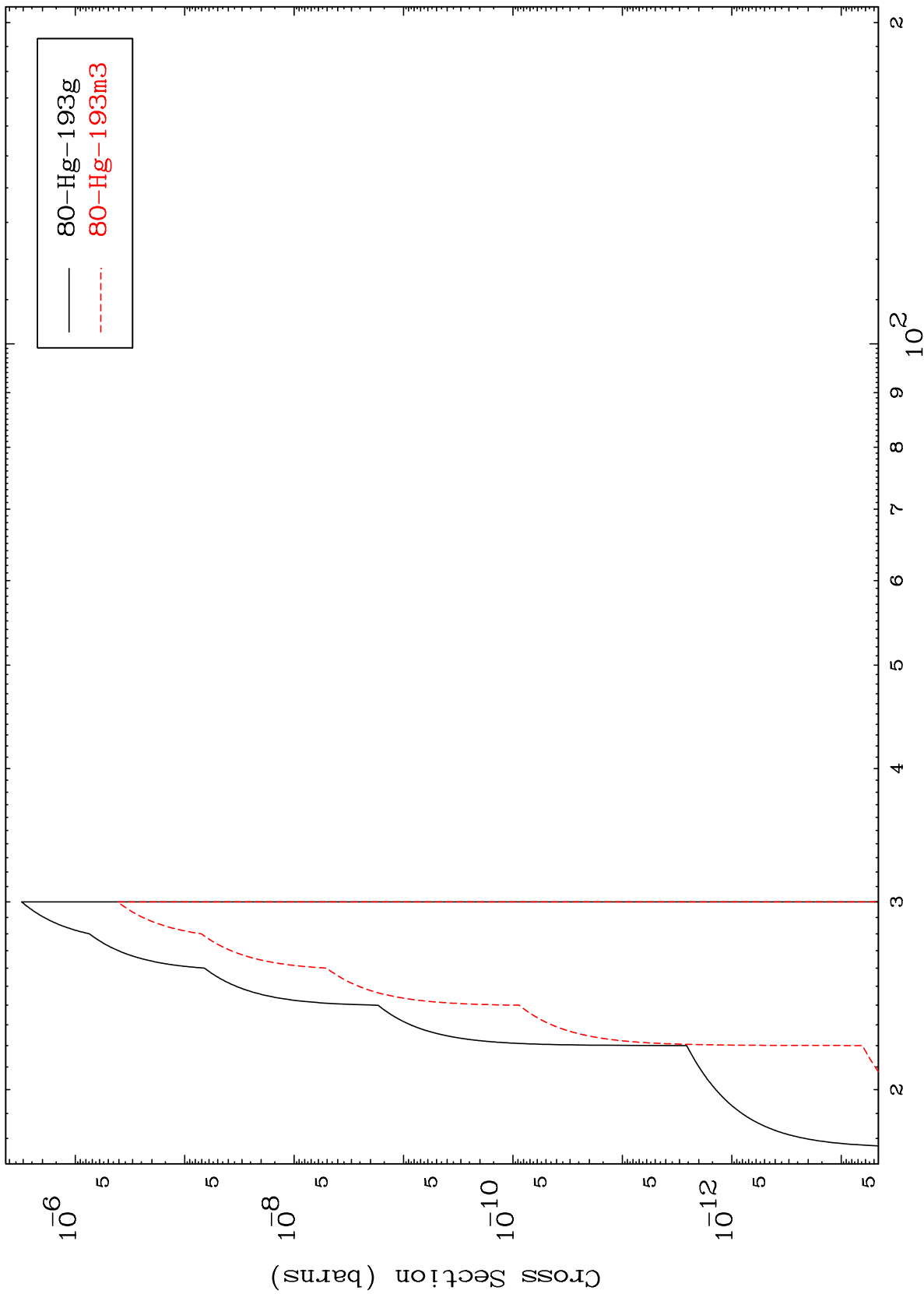


14

Incident Energy (MeV)

81-Tl-196

Radionuclide Production Cross Section

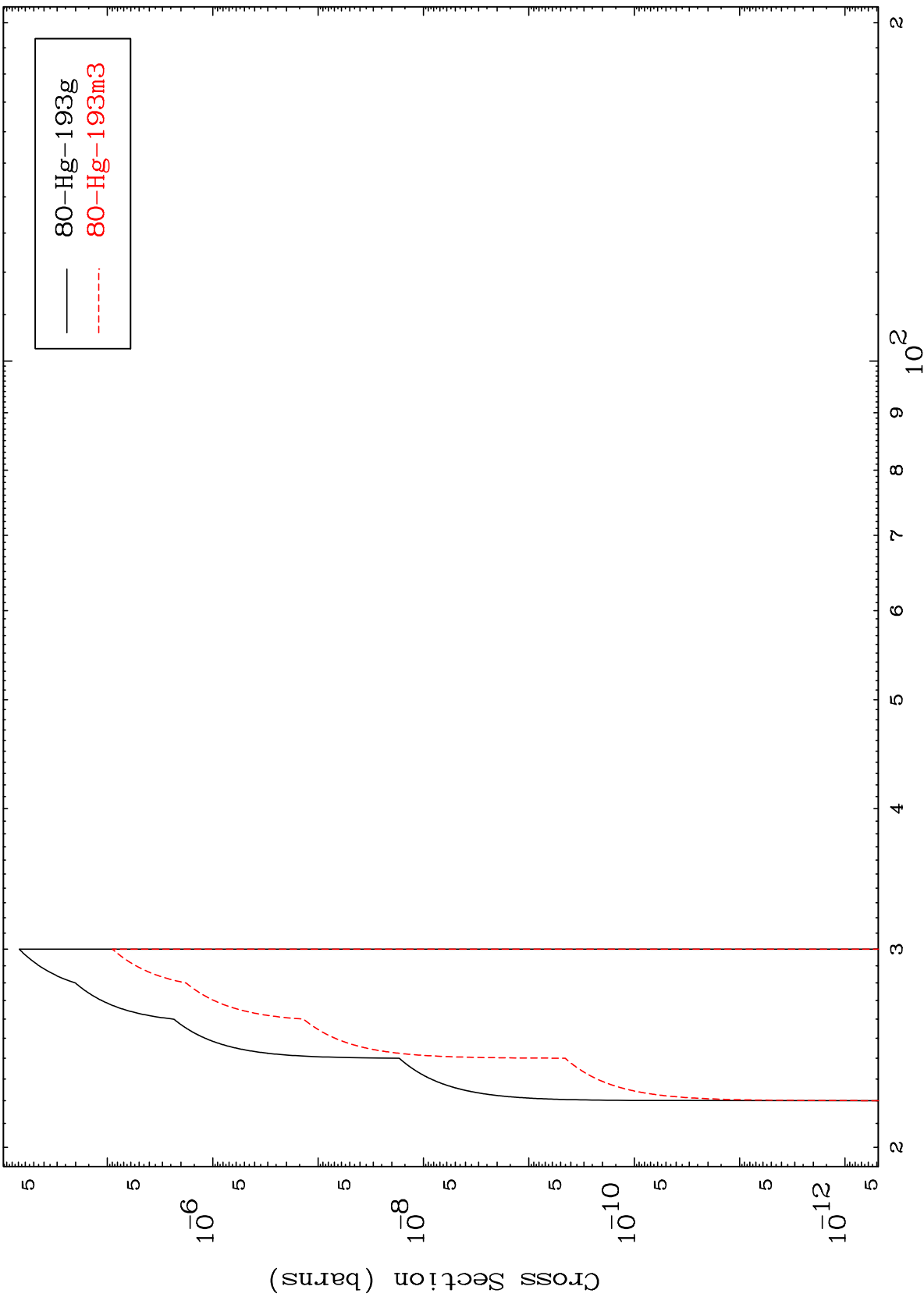


MAT 8104

($\gamma, 2n$) p

81-T1-196

Radionuclide Production Cross Section

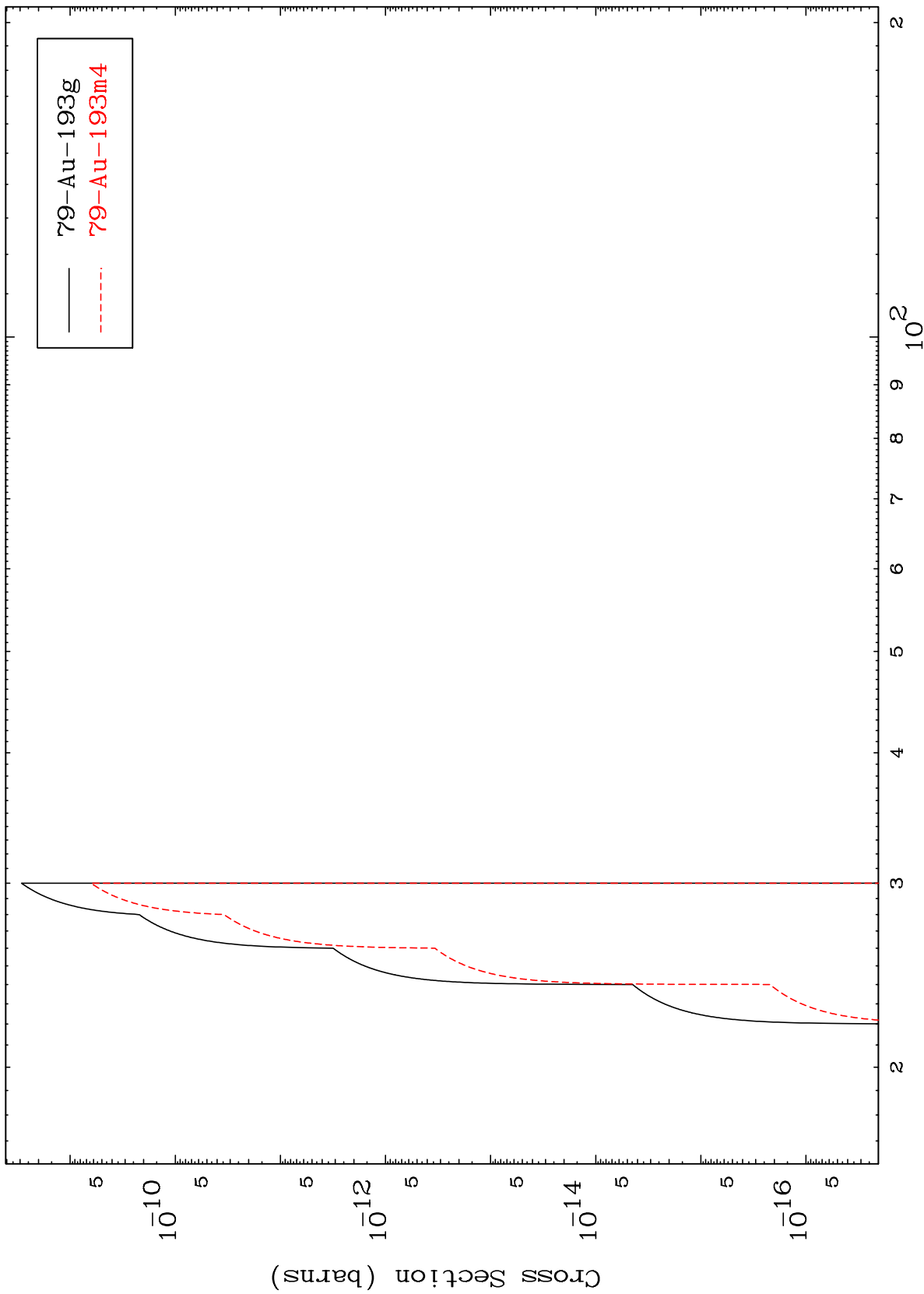


16

Incident Energy (MeV)

81-T1-196

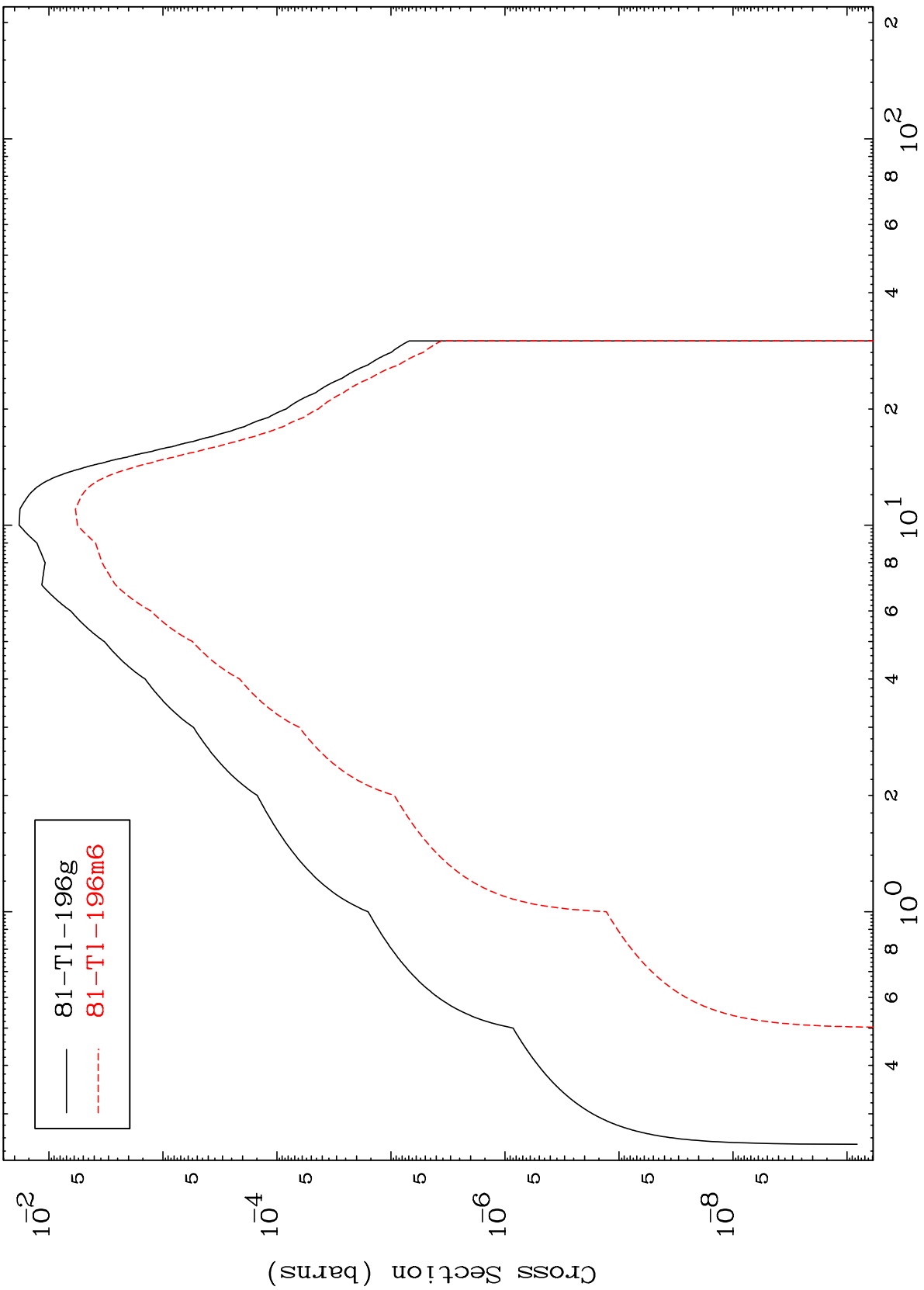
$(\gamma, 2n)$ p
Radionuclide Production Cross Section



MAT 8104

81-Tl-196

(γ, γ)
Radionuclide Production Cross Section



81-Tl-196g
81-Tl-196m6

18

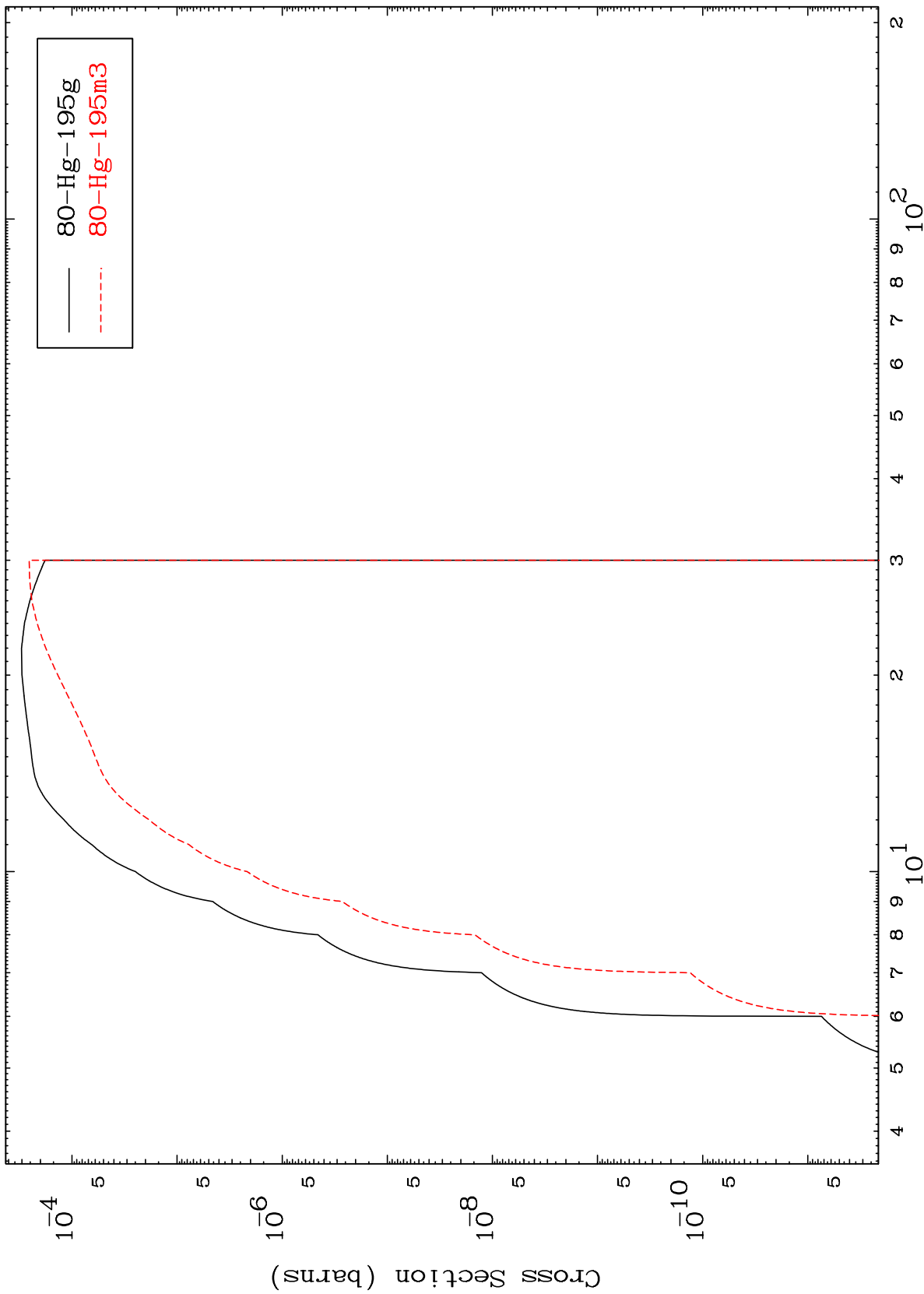
Incident Energy (MeV)

81-Tl-196

MAT 8104

81-Tl-196

Radionuclide Production Cross Section
(γ, p)

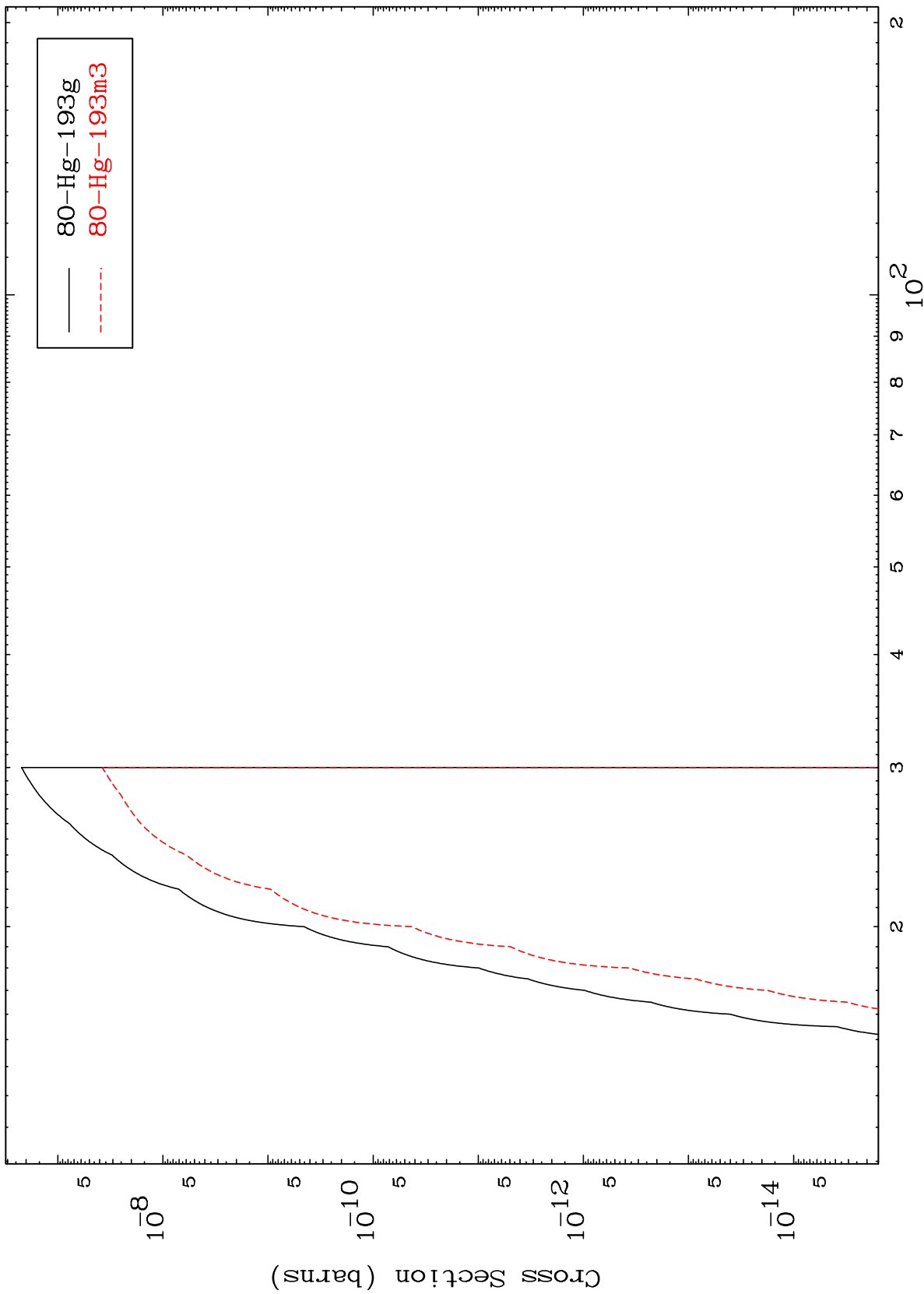


19

Incident Energy (MeV)

81-Tl-196

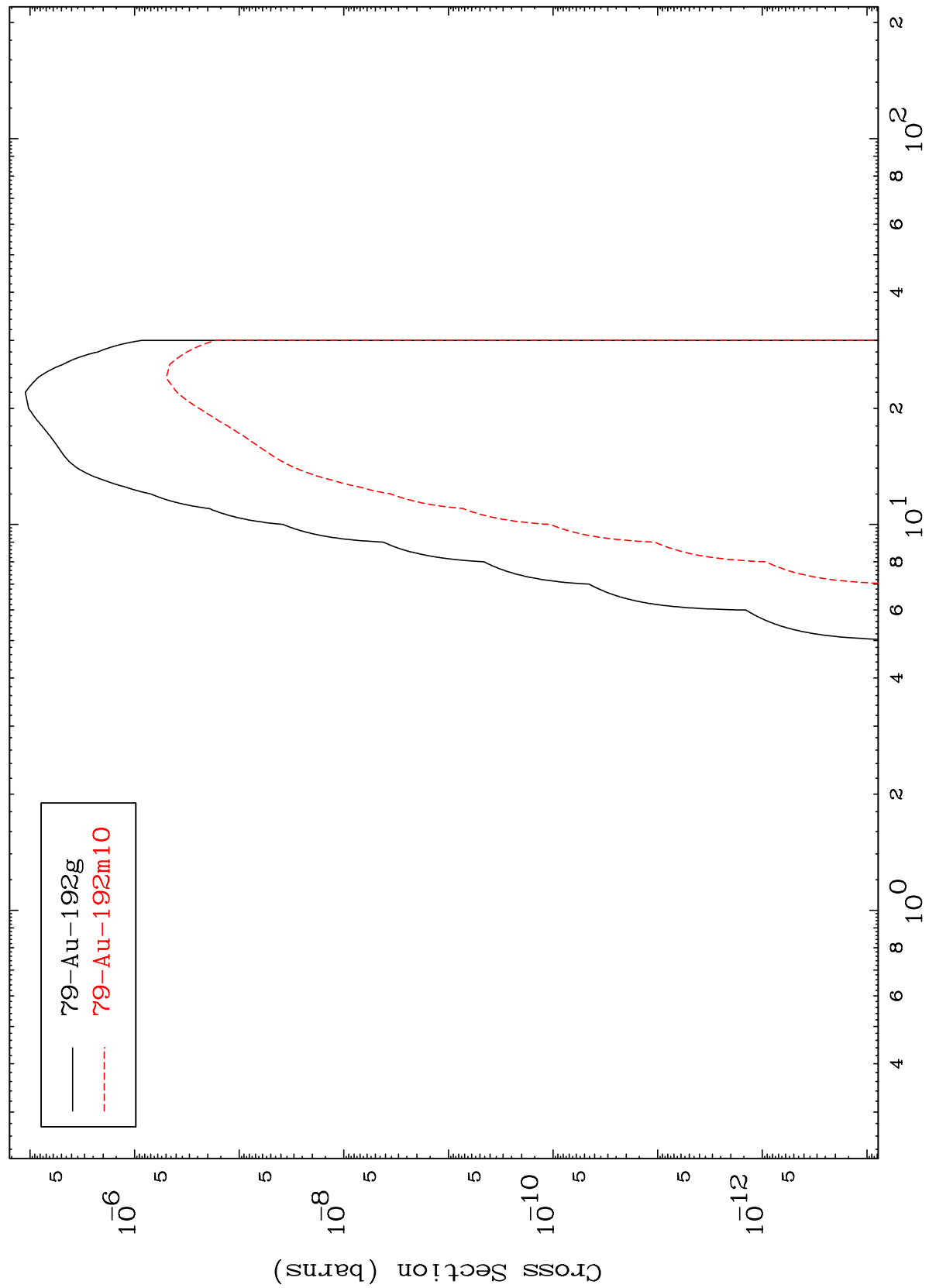
(γ, t)
Radionuclide Production Cross Section



MAT 8104

81-Tl-196

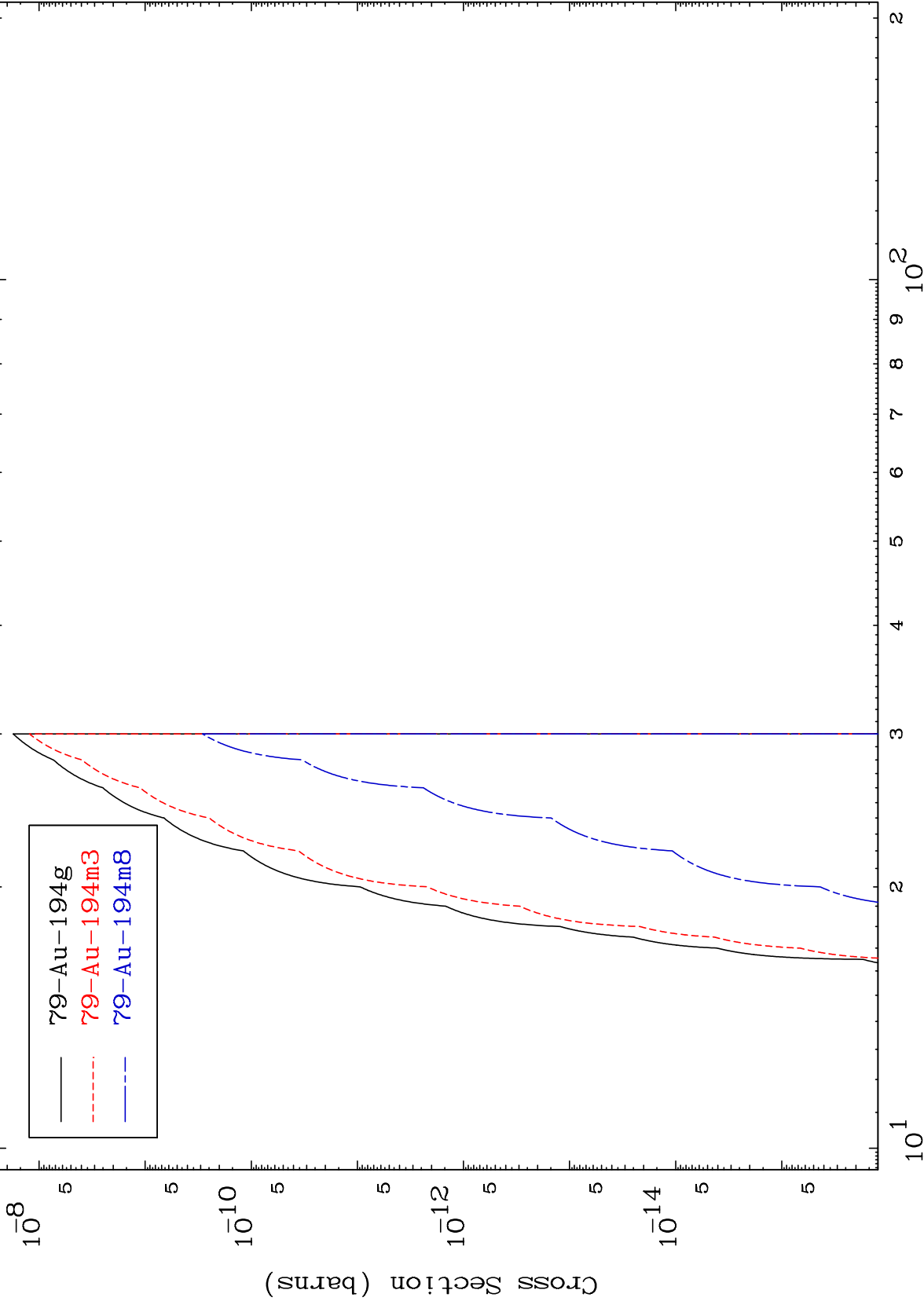
Radionuclide Production Cross Section
(γ, α)



MAT 8104

81-Tl-196

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



81-Tl-196

Incident Energy (MeV)

22