

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

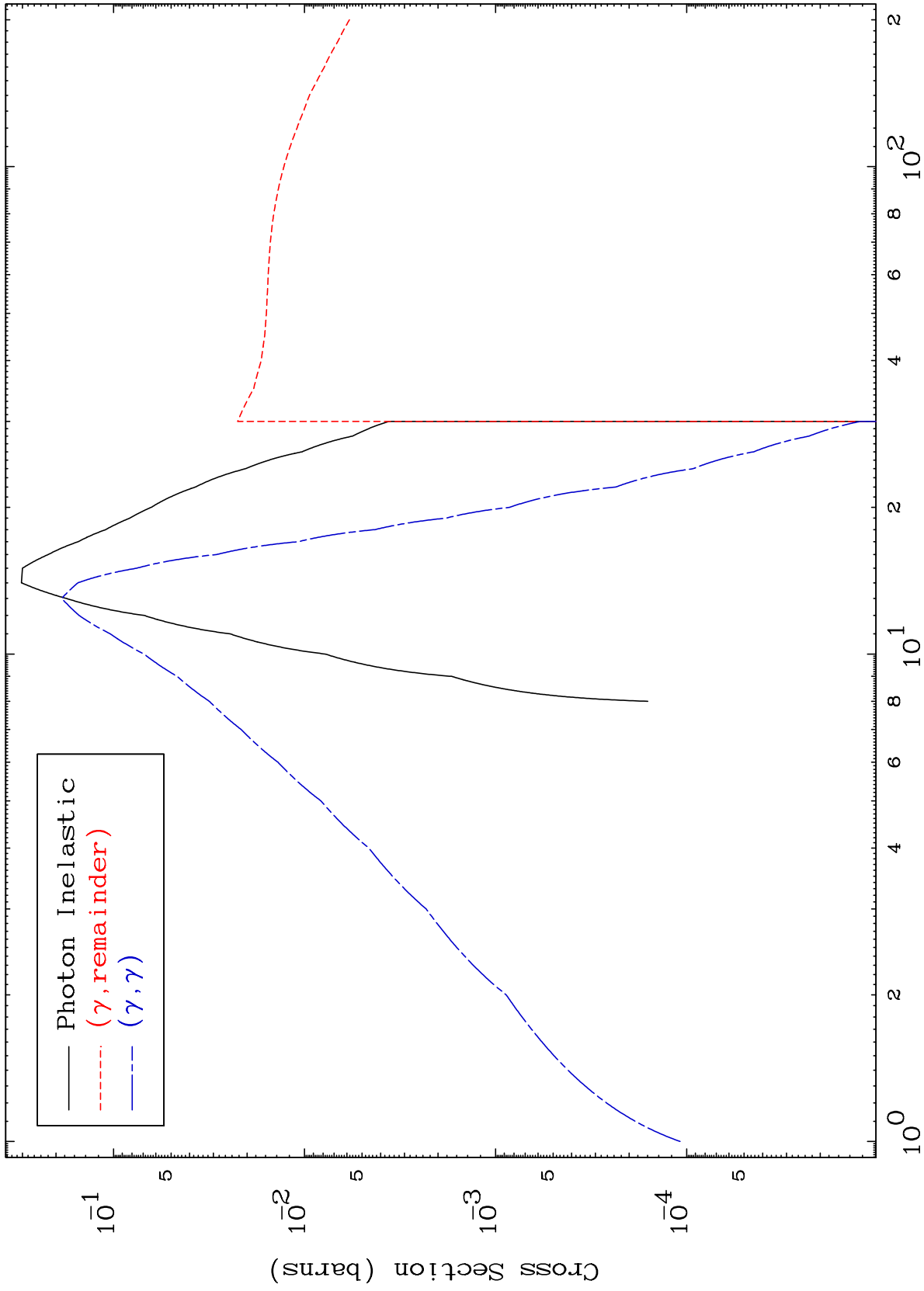
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8080

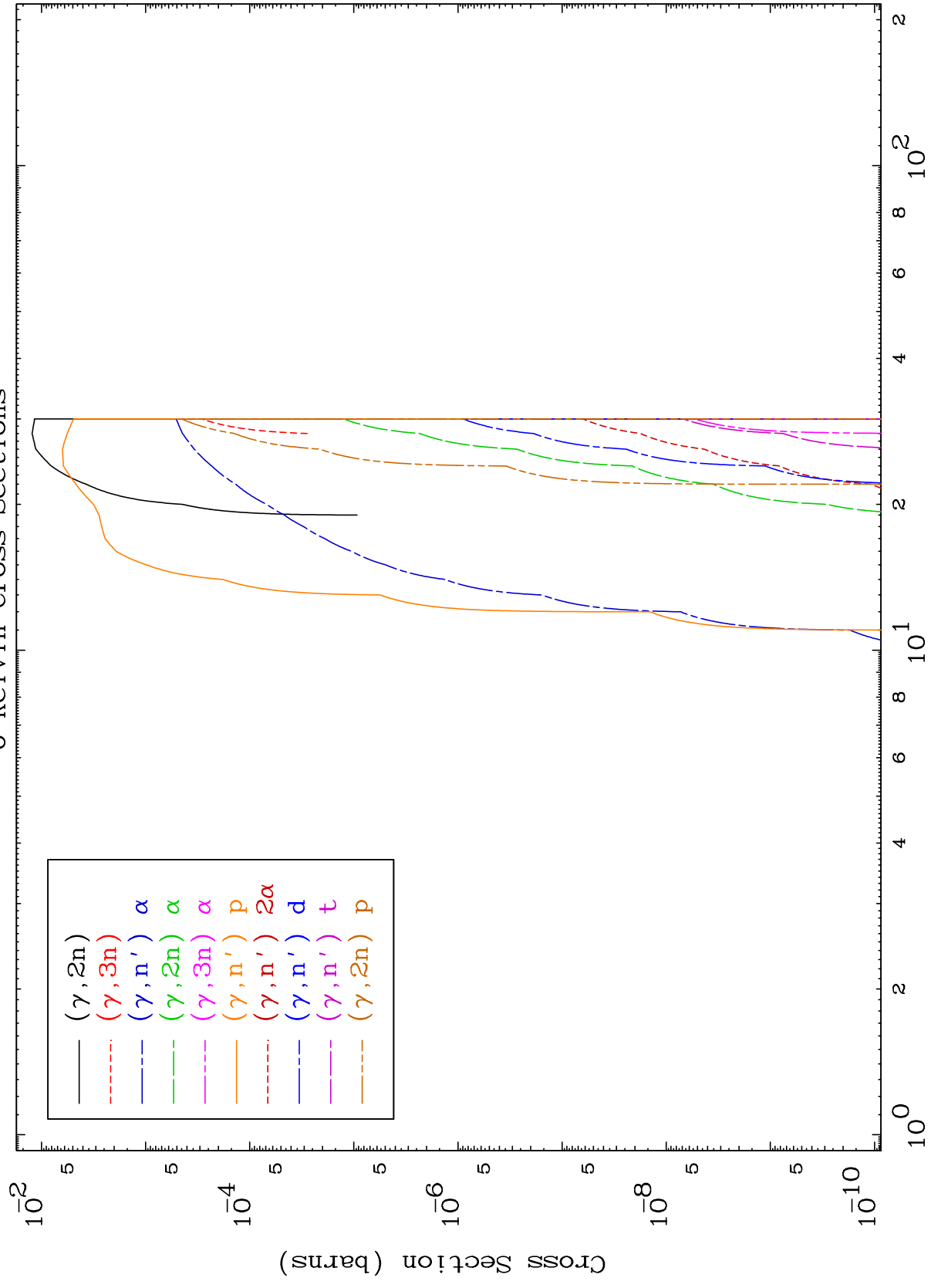
0 Kelvin Cross Sections

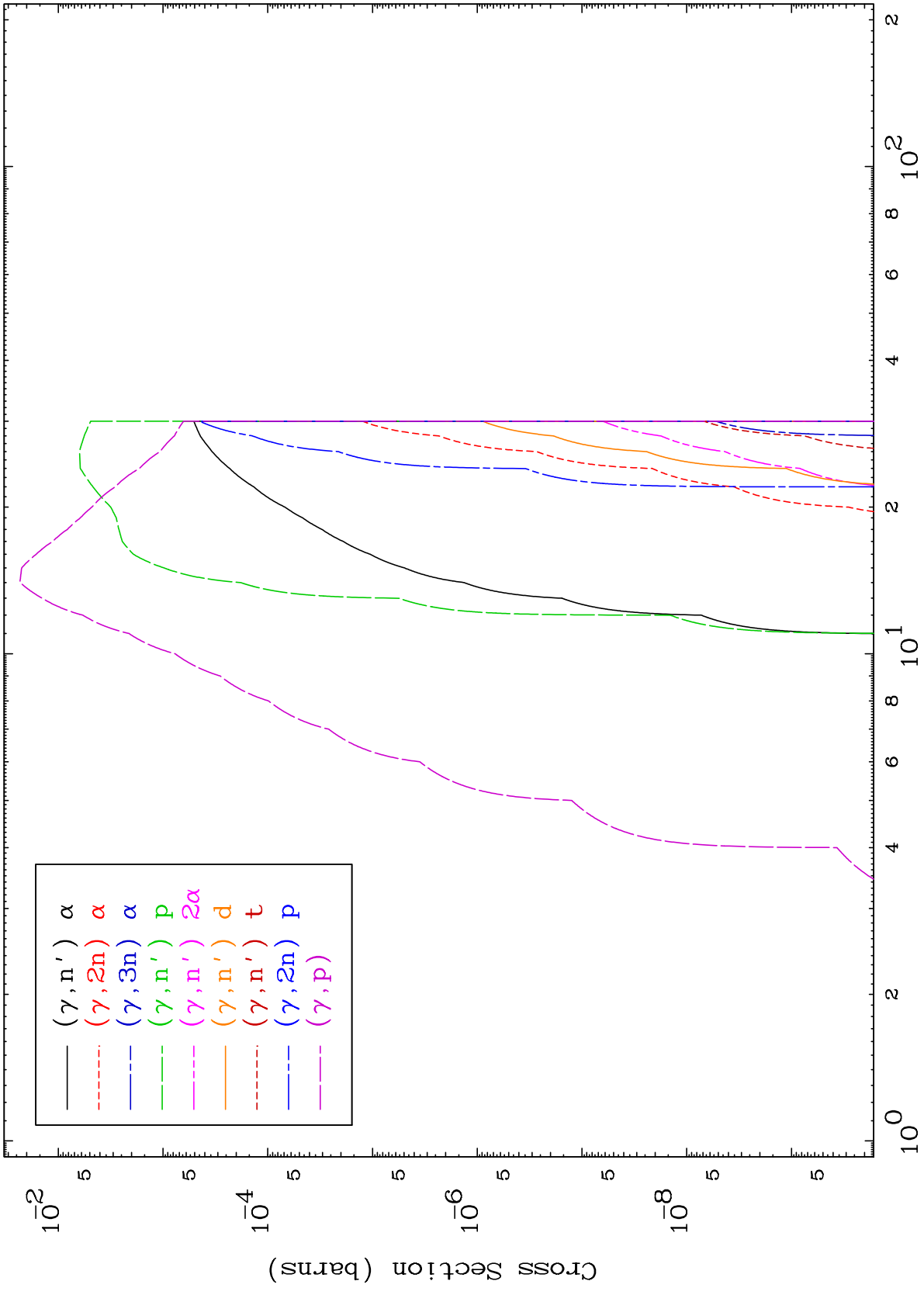
81-Tl-188

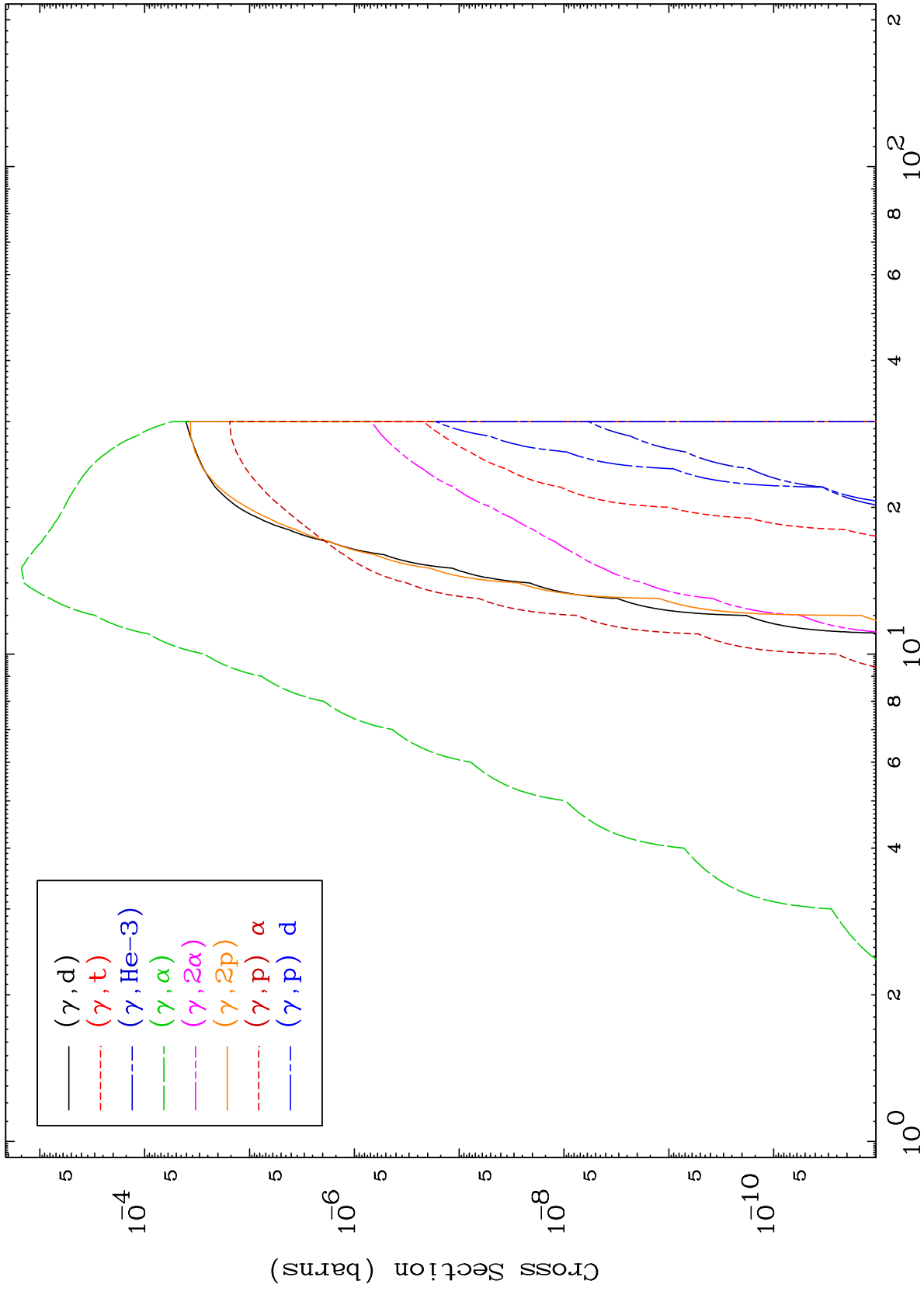


Incident Energy (MeV)

81-Tl-188





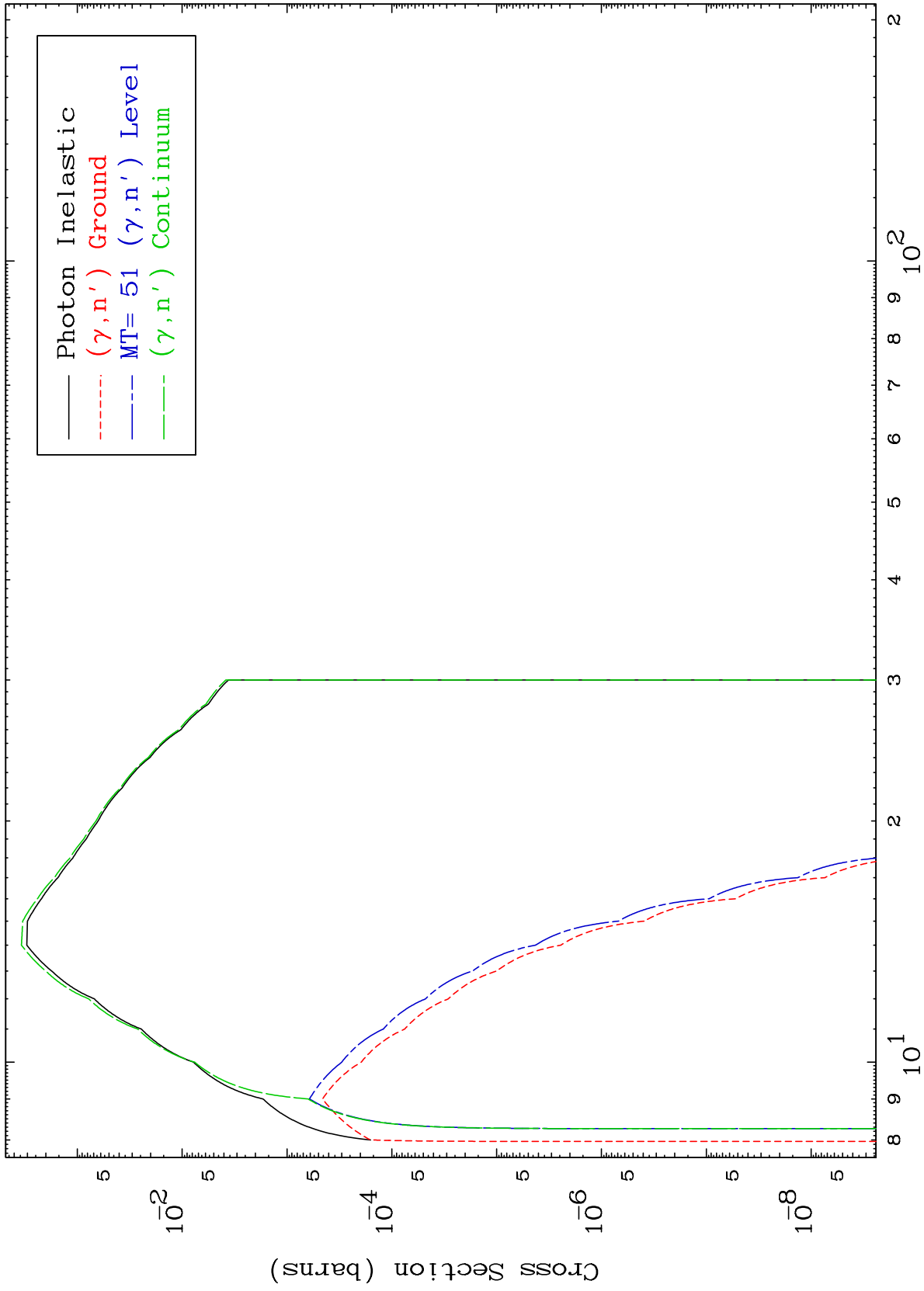


MAT 8080

(γ, n') Level

81-Tl-188

0 Kelvin Cross Sections



5

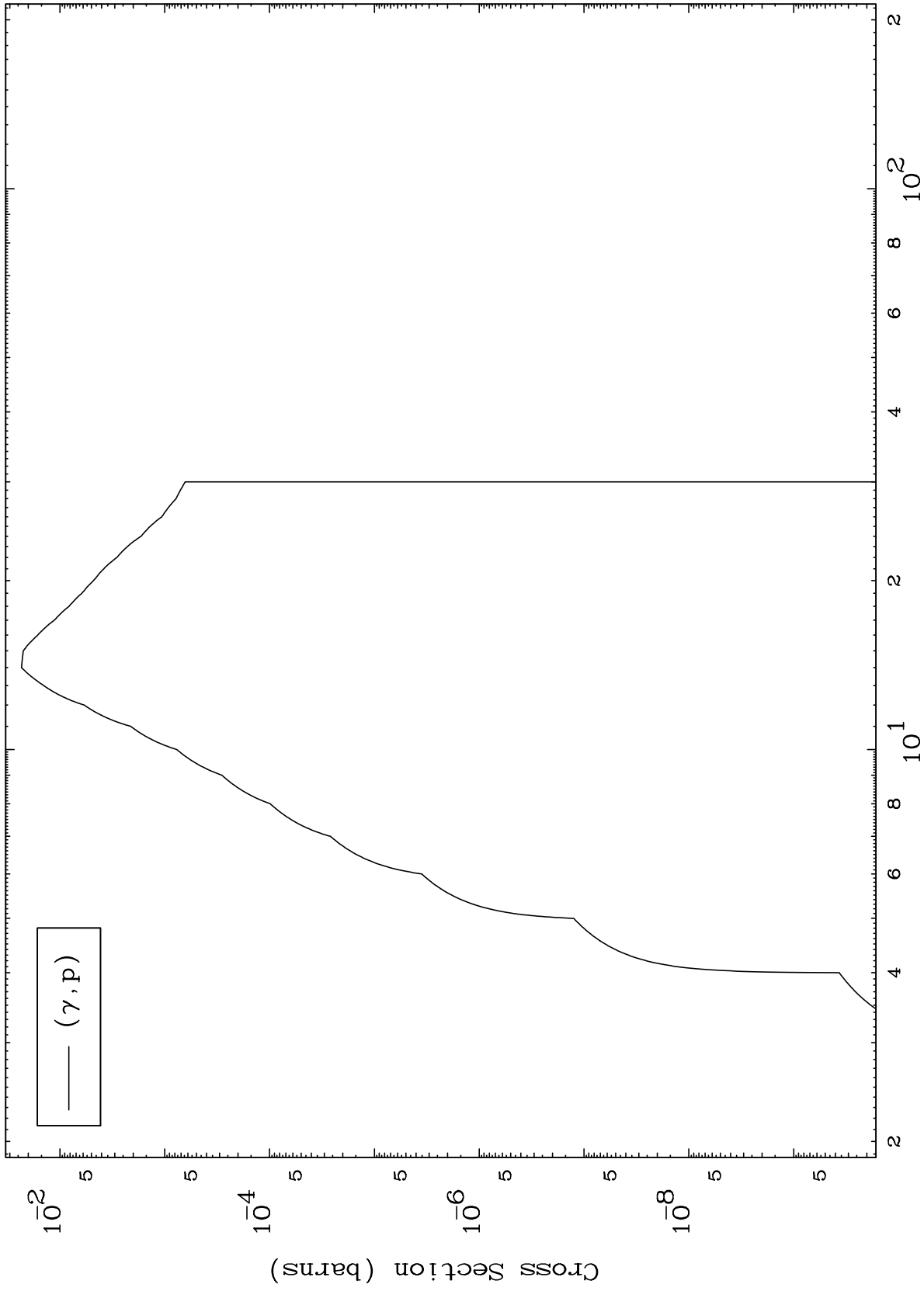
Incident Energy (MeV)

81-Tl-188

MAT 8080

(γ, p) Levels
0 Kelvin Cross Sections

81-Tl-188



6

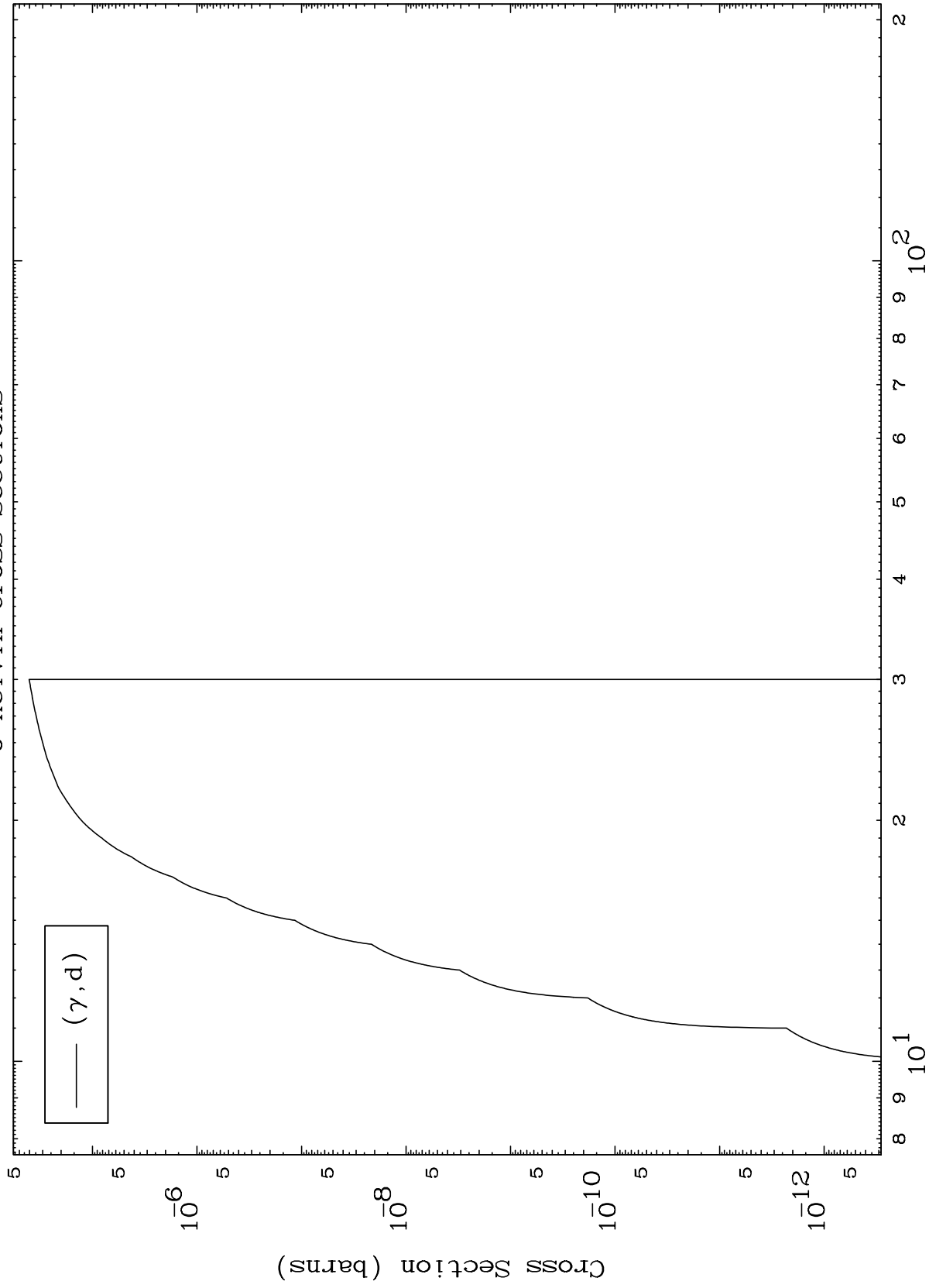
Incident Energy (MeV)

81-Tl-188

MAT 8080

(γ, d) Levels
0 Kelvin Cross Sections

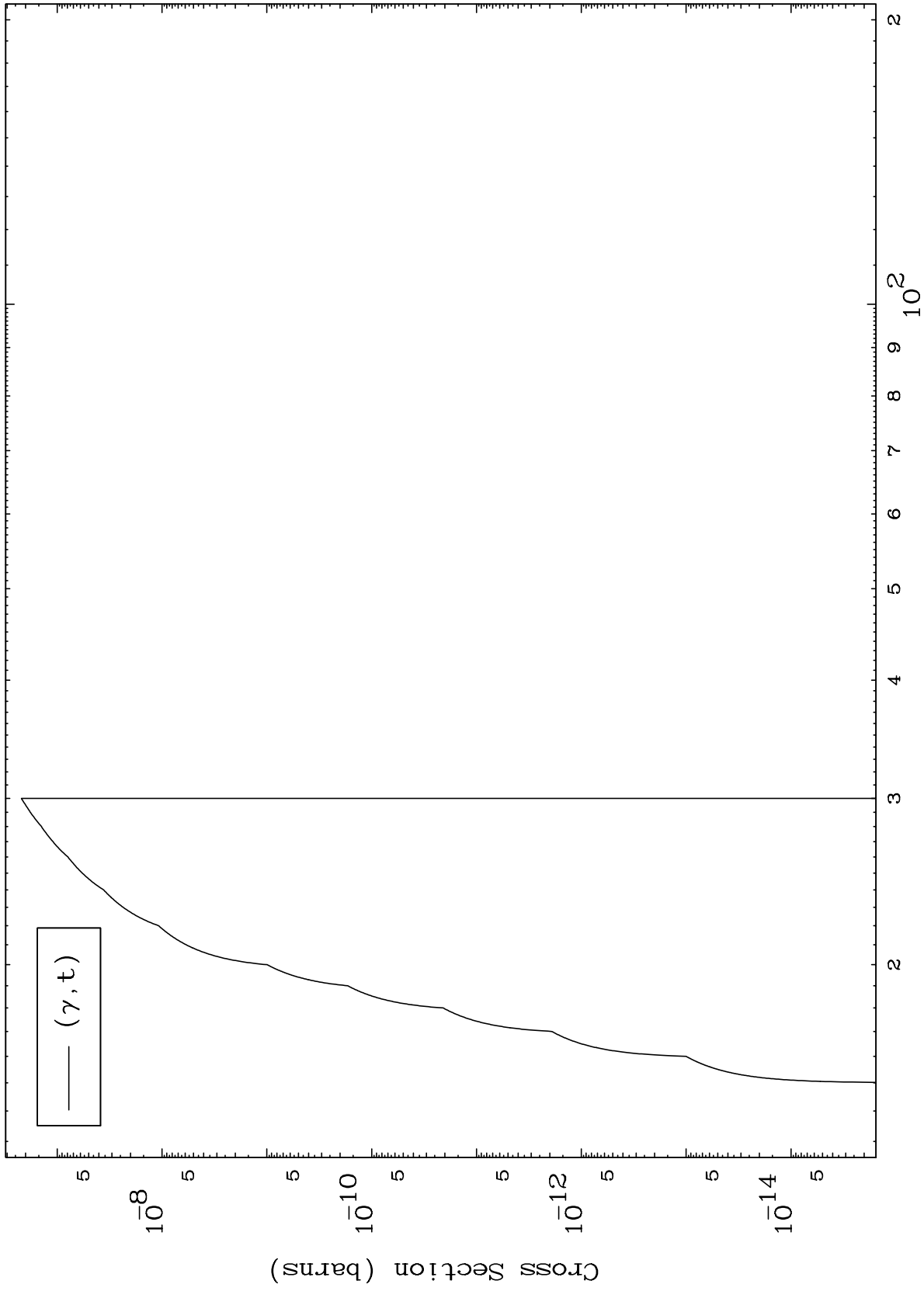
81-Tl-188

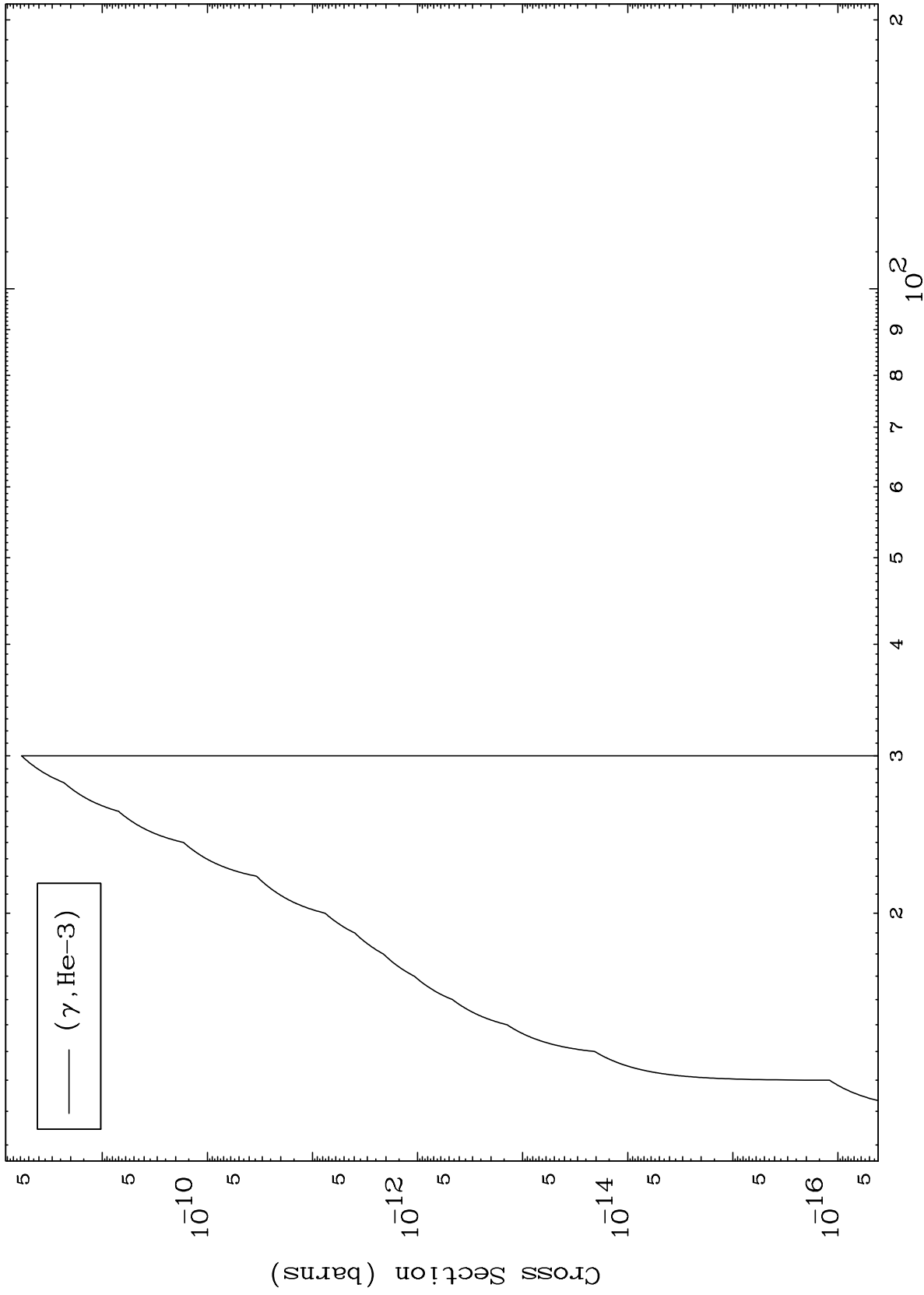


7

Incident Energy (MeV)

81-Tl-188

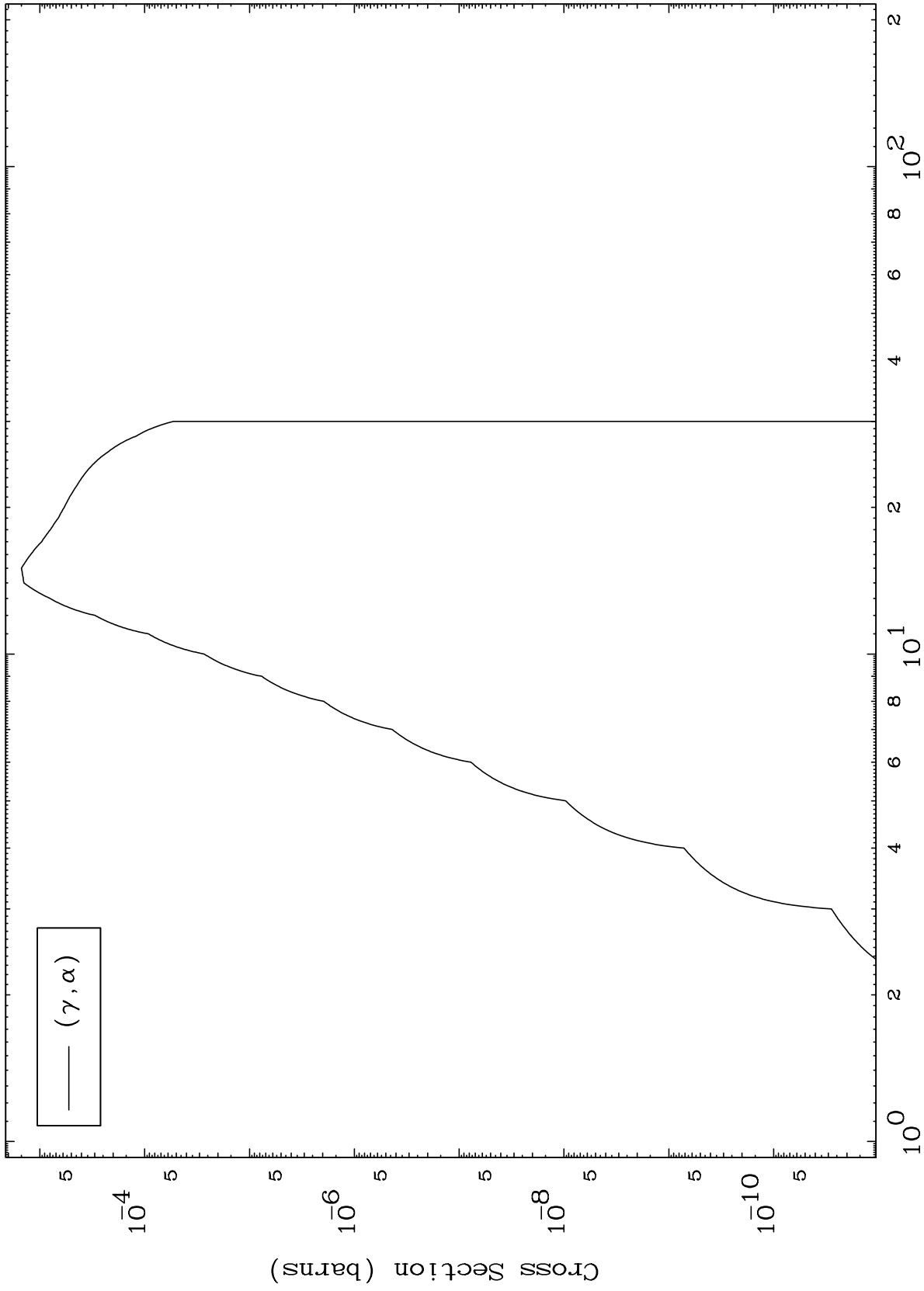




MAT 8080

(γ, α) Levels
0 Kelvin Cross Sections

81-Tl-188



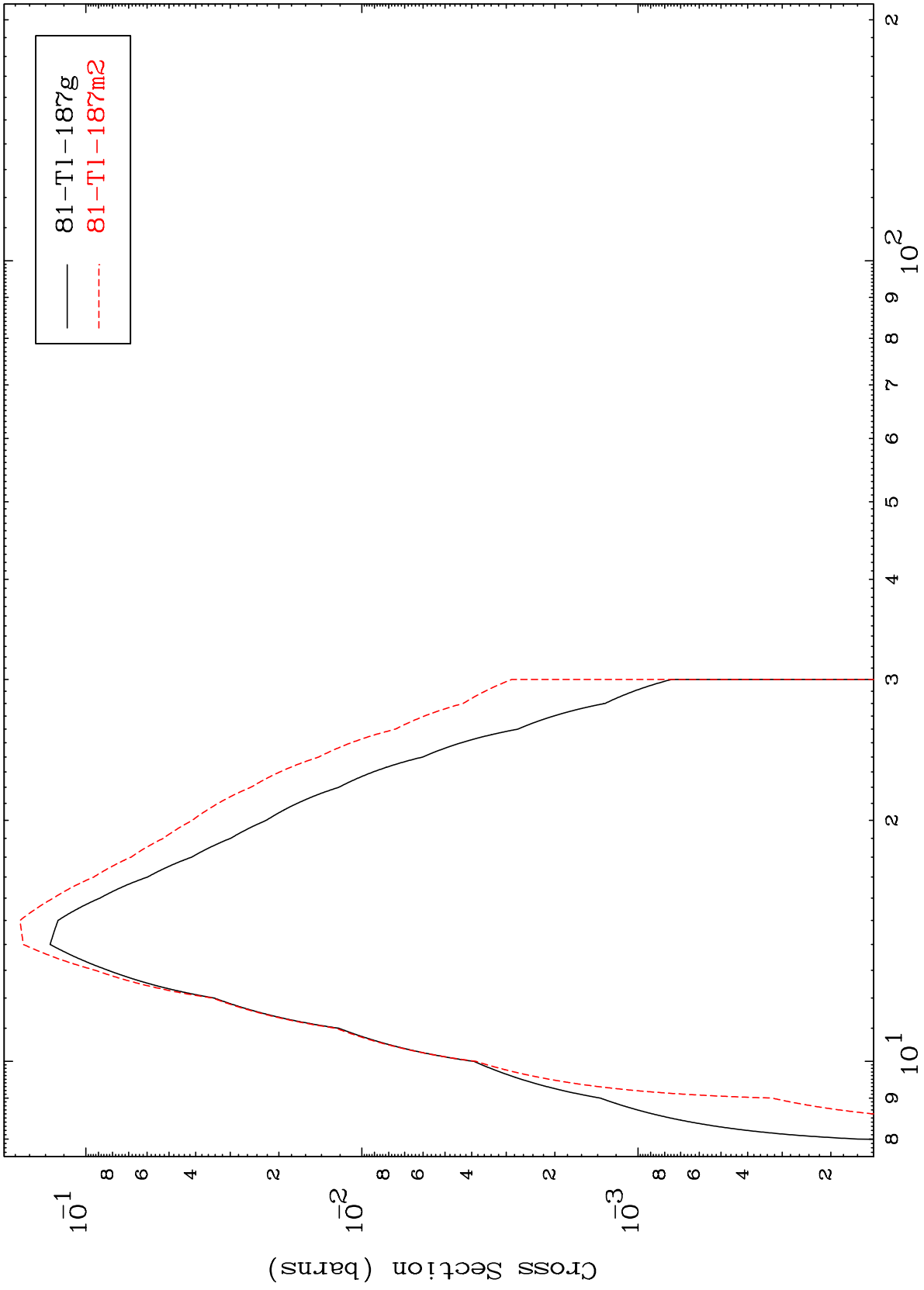
Incident Energy (MeV)

81-Tl-188

MAT 8080

Photon Inelastic
Radionuclide Production Cross Section

81-Tl-188



11

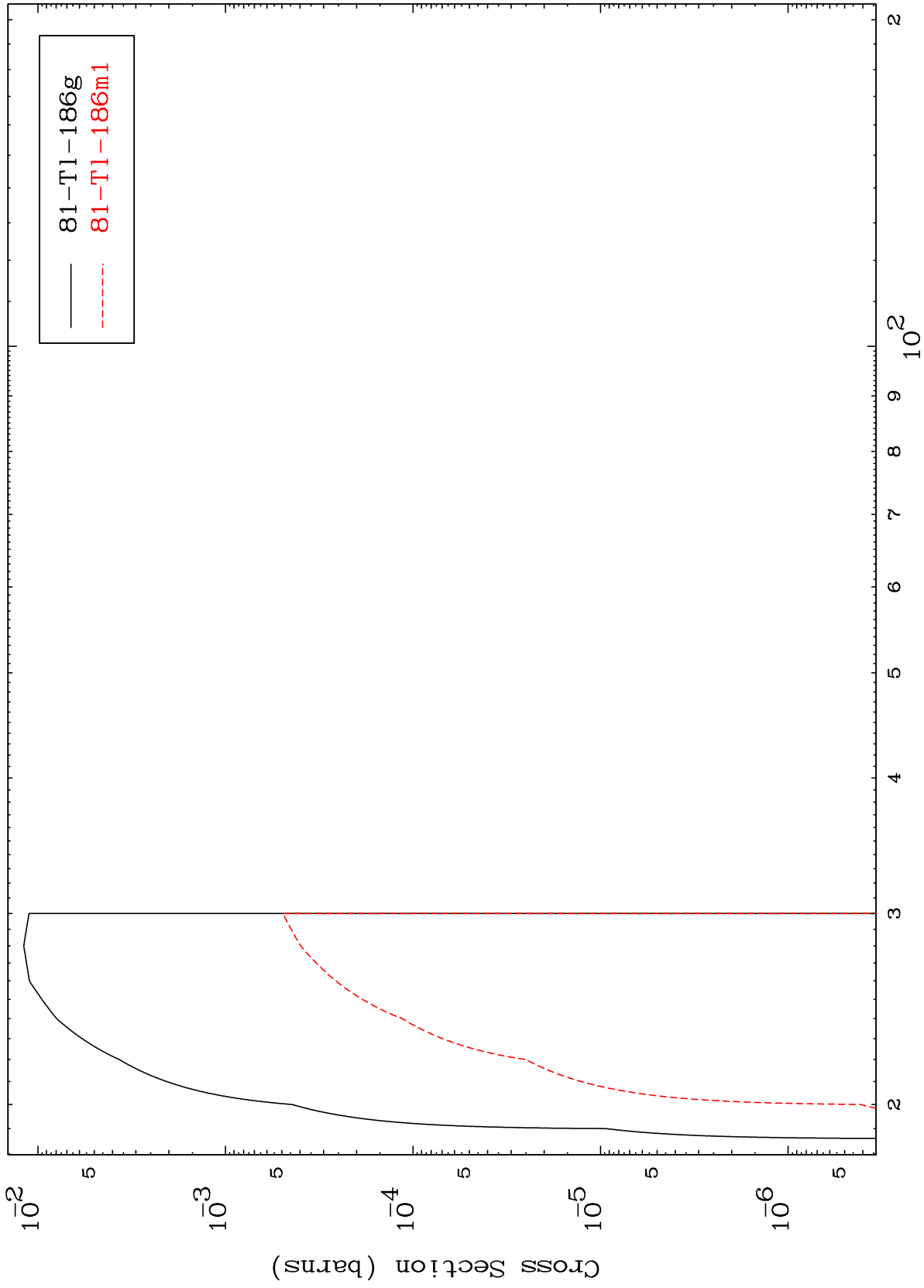
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

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



81-Tl-188

Incident Energy (MeV)

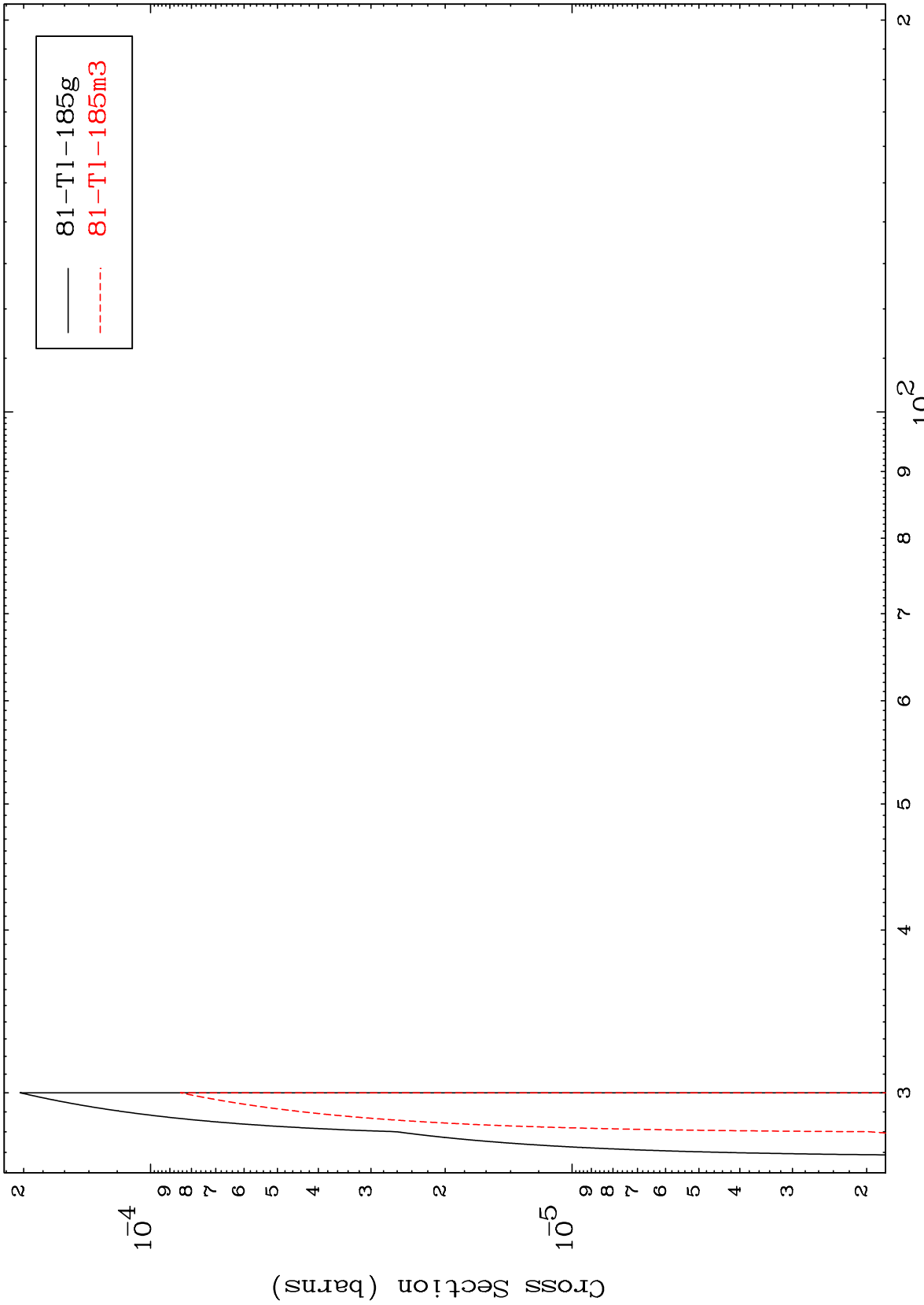
12

MAT 8080

($\gamma, 3n$)

81-Tl-188

Radionuclide Production Cross Section



13

81-Tl-188

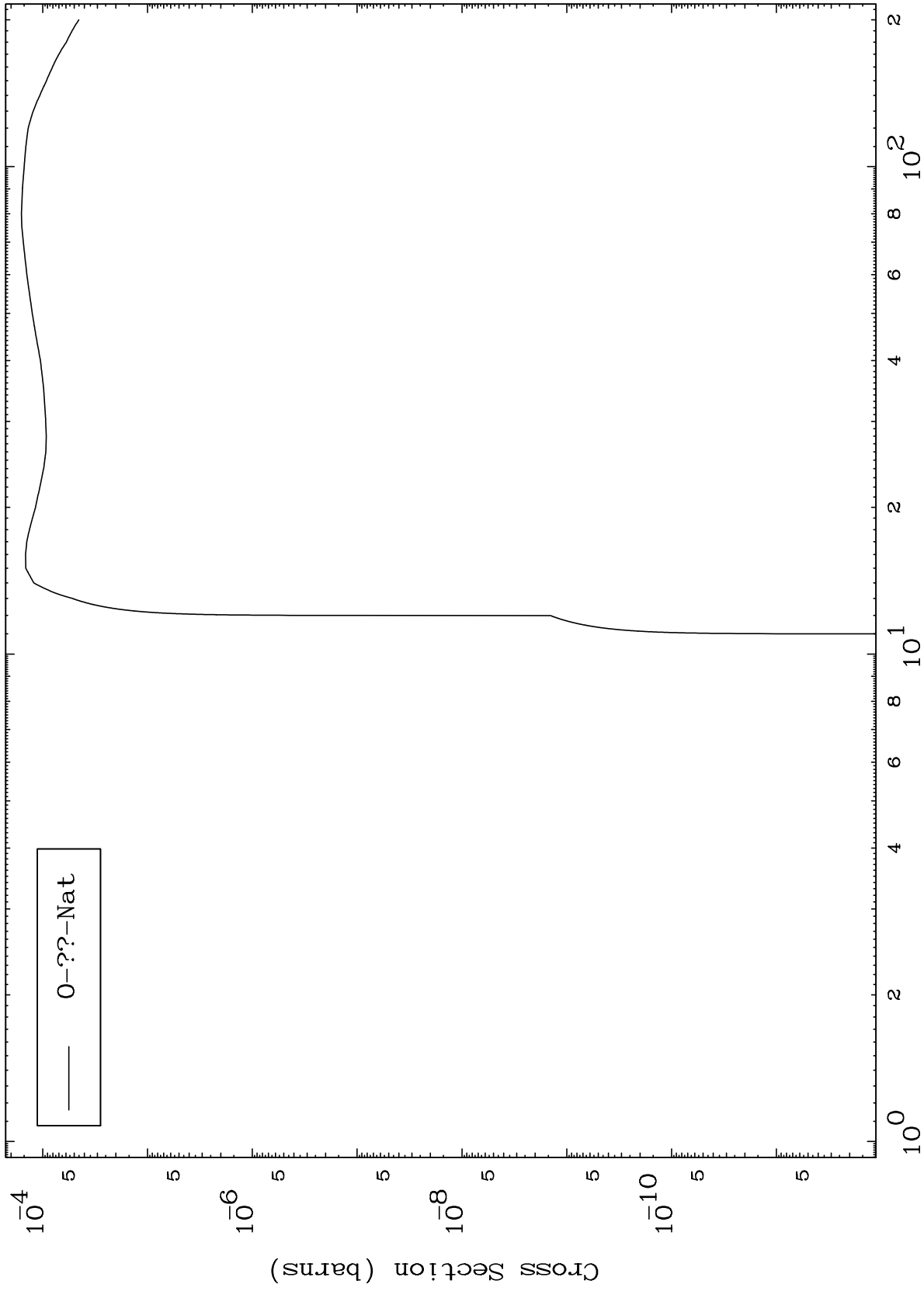
Incident Energy (MeV)

MAT 8080

Photon Fission

81-Tl-188

Radionuclide Production Cross Section



0-??-Nat

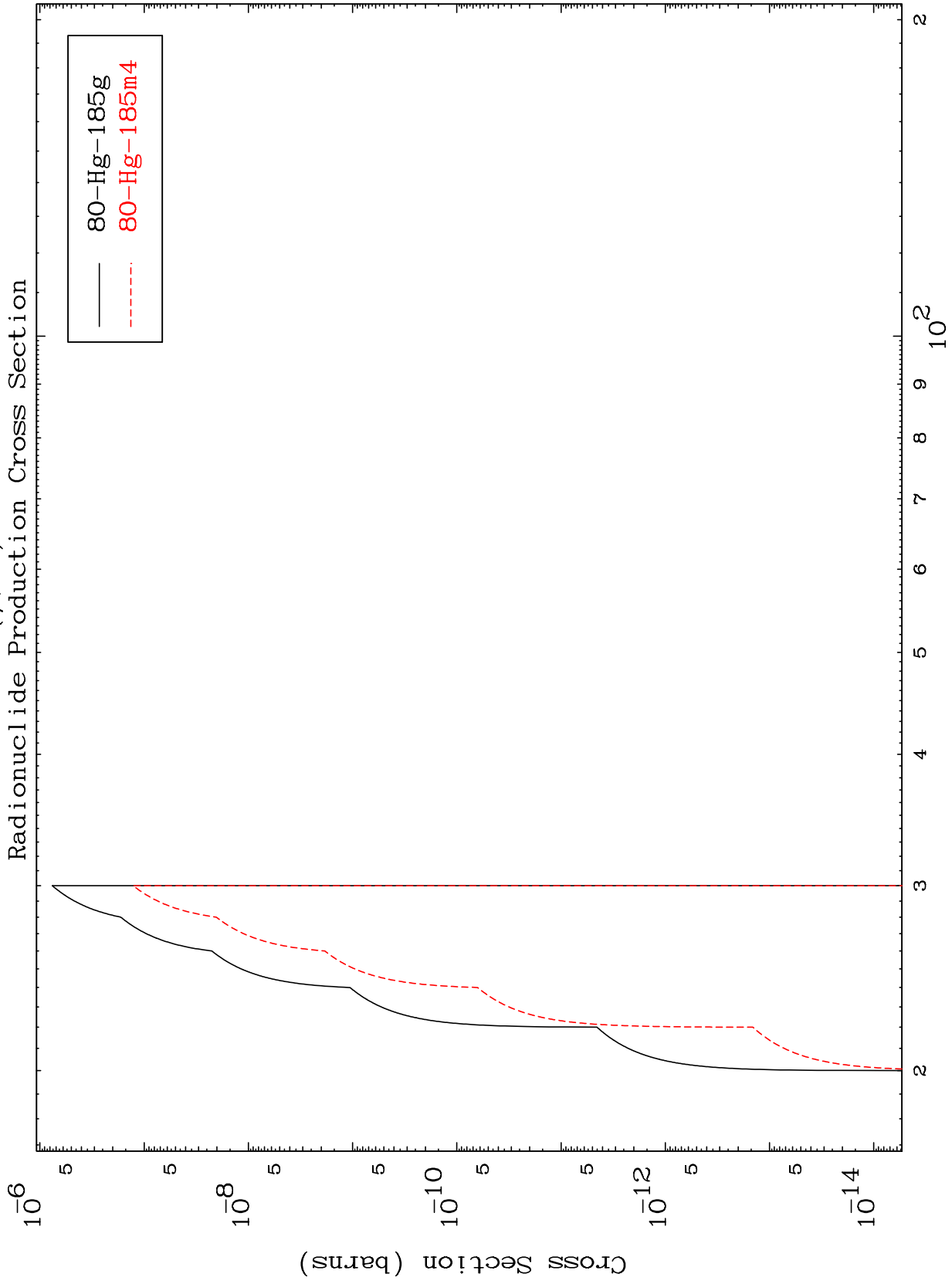
Incident Energy (MeV)

81-Tl-188

MAT 8080

(γ, n') d

81-Tl-188



15

Incident Energy (MeV)

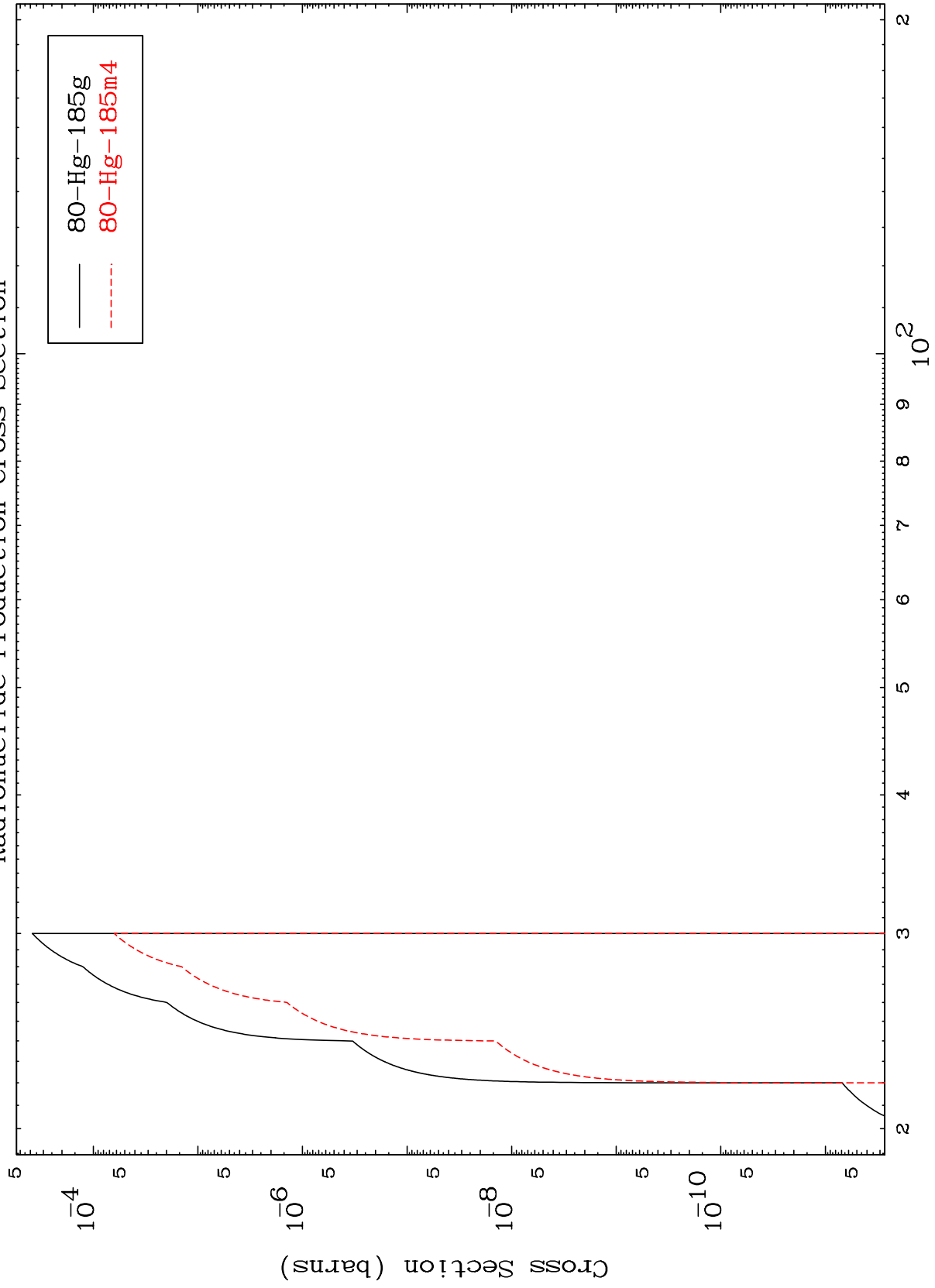
81-Tl-188

MAT 8080

($\gamma, 2n$) p

81-Tl-188

Radionuclide Production Cross Section



16

Incident Energy (MeV)

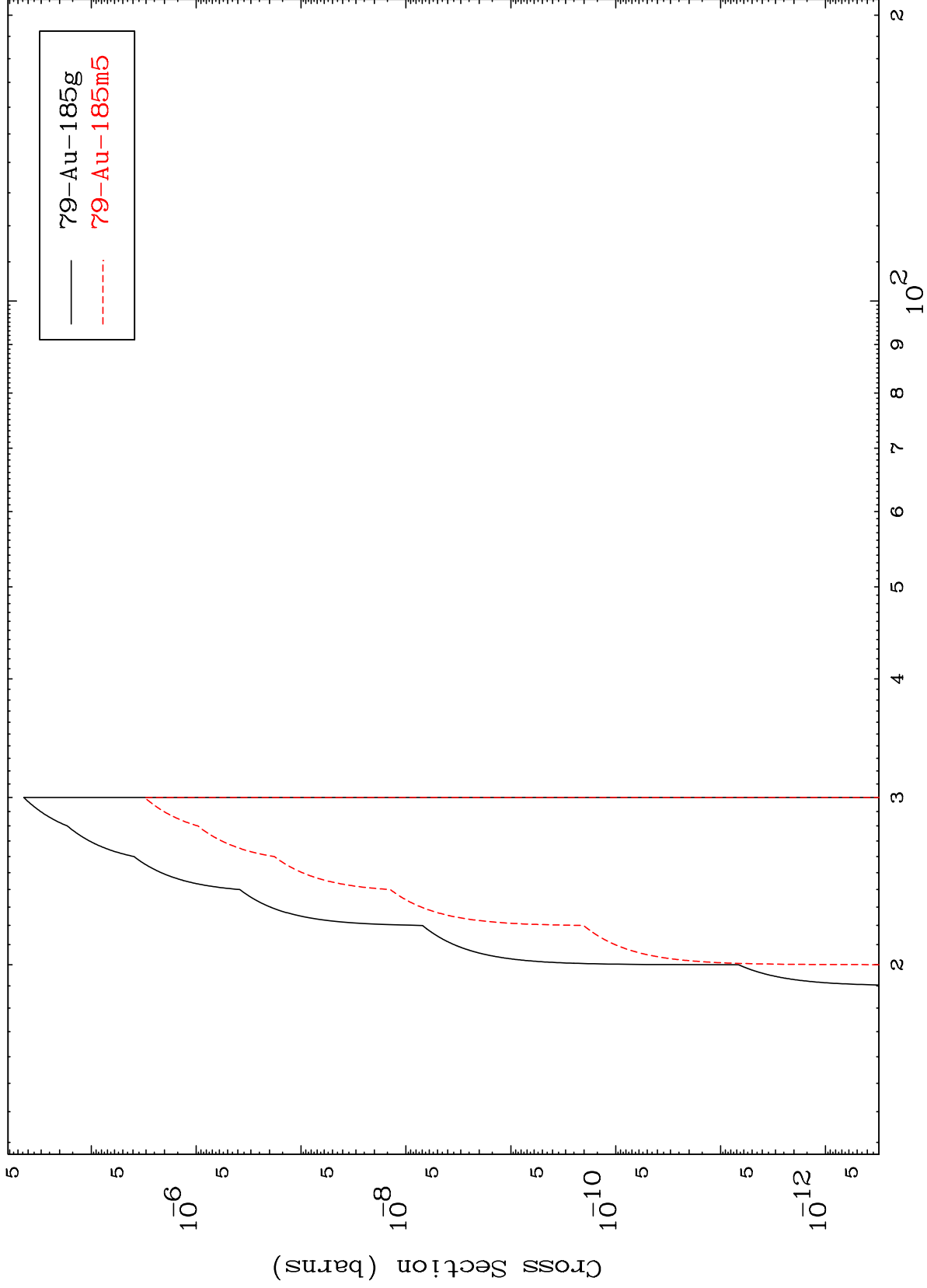
81-Tl-188

MAT 8080

($\gamma, 2n$) p

81-Tl-188

Radionuclide Production Cross Section



17

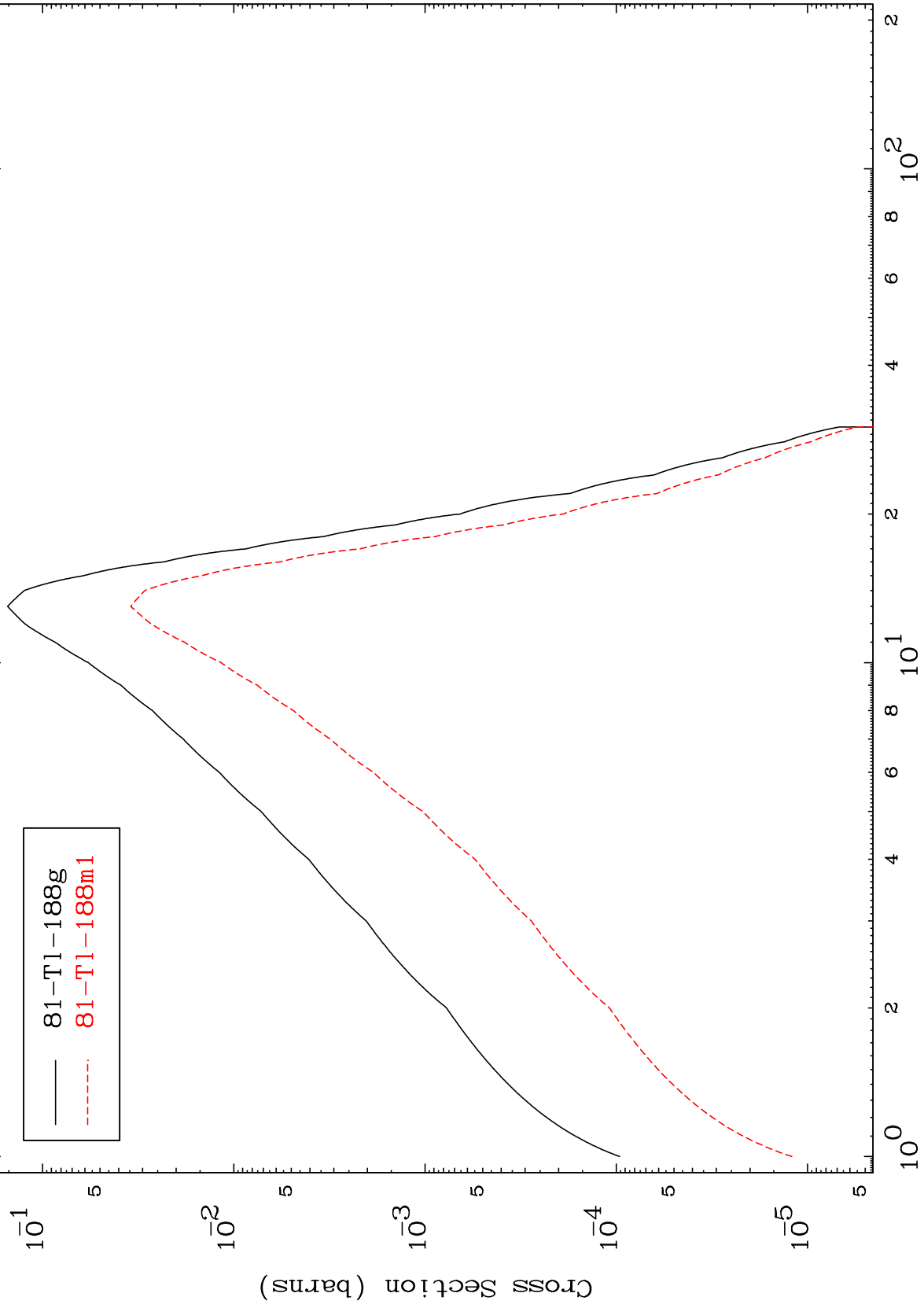
Incident Energy (MeV)

81-Tl-188

MAT 8080

Radionuclide Production Cross Section
(γ, γ)

81-Tl-188



81-Tl-188g
81-Tl-188m1

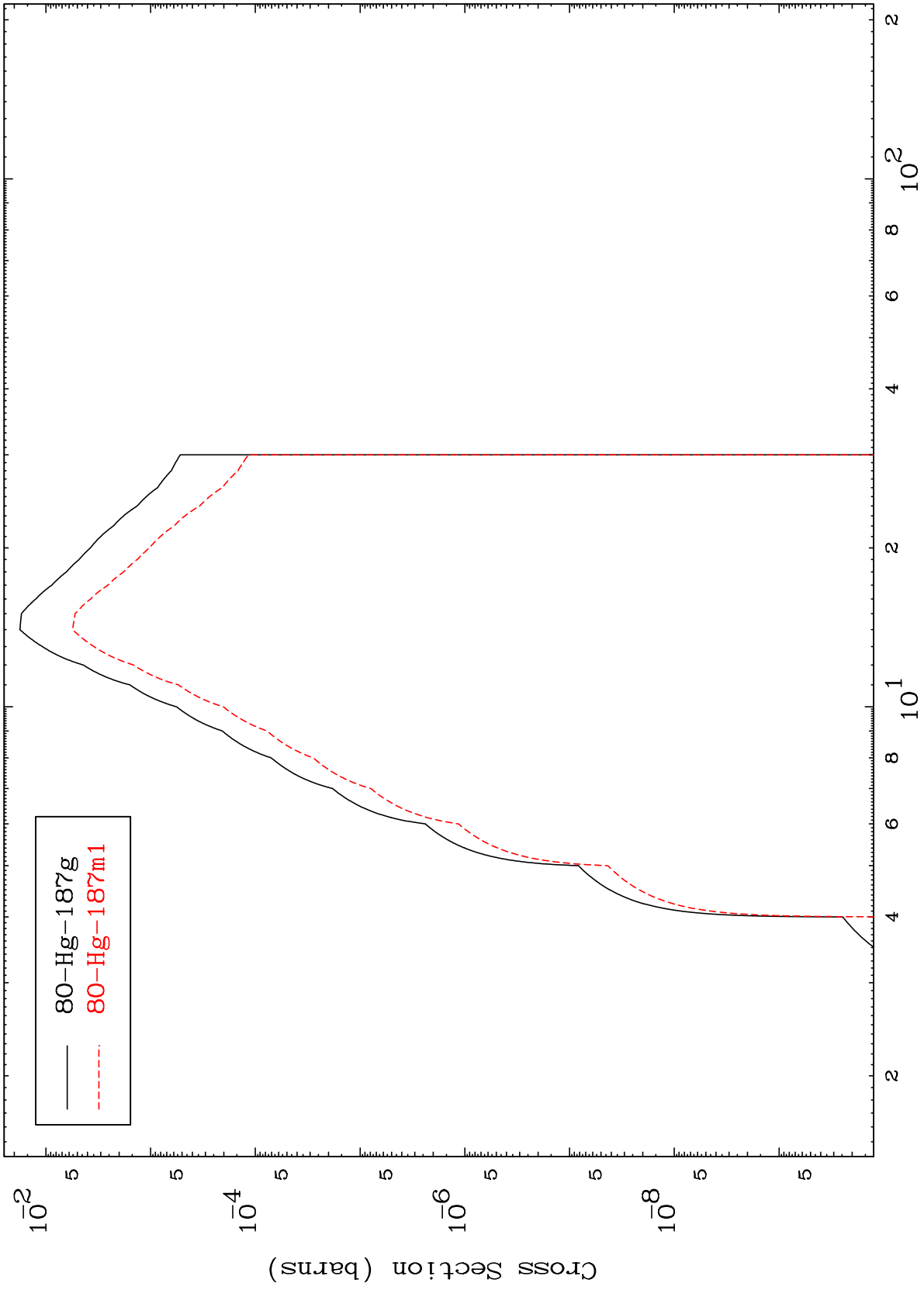
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

Radionuclide Production Cross Section



19

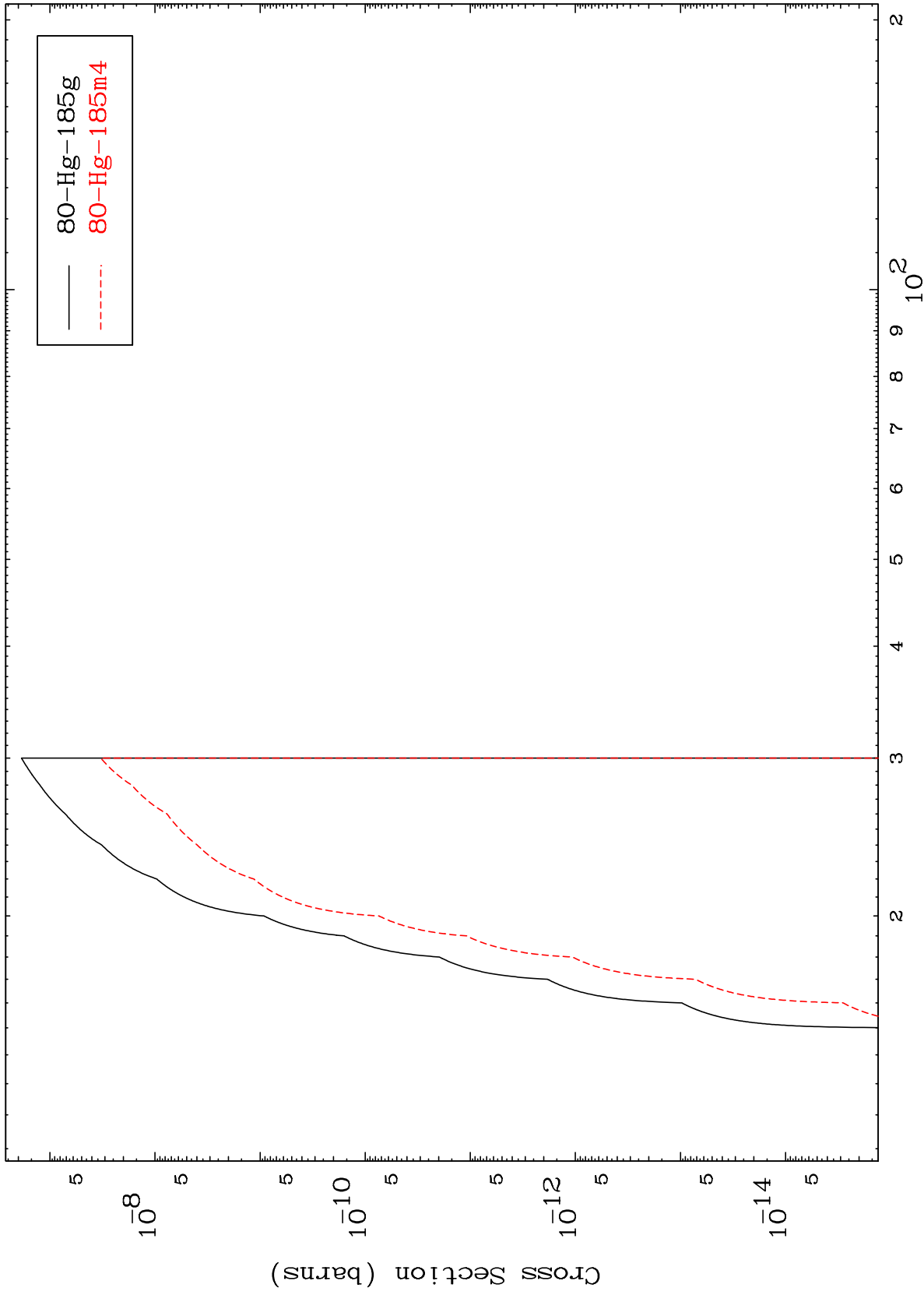
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

Radionuclide Production Cross Section
(γ, t)



20

Incident Energy (MeV)

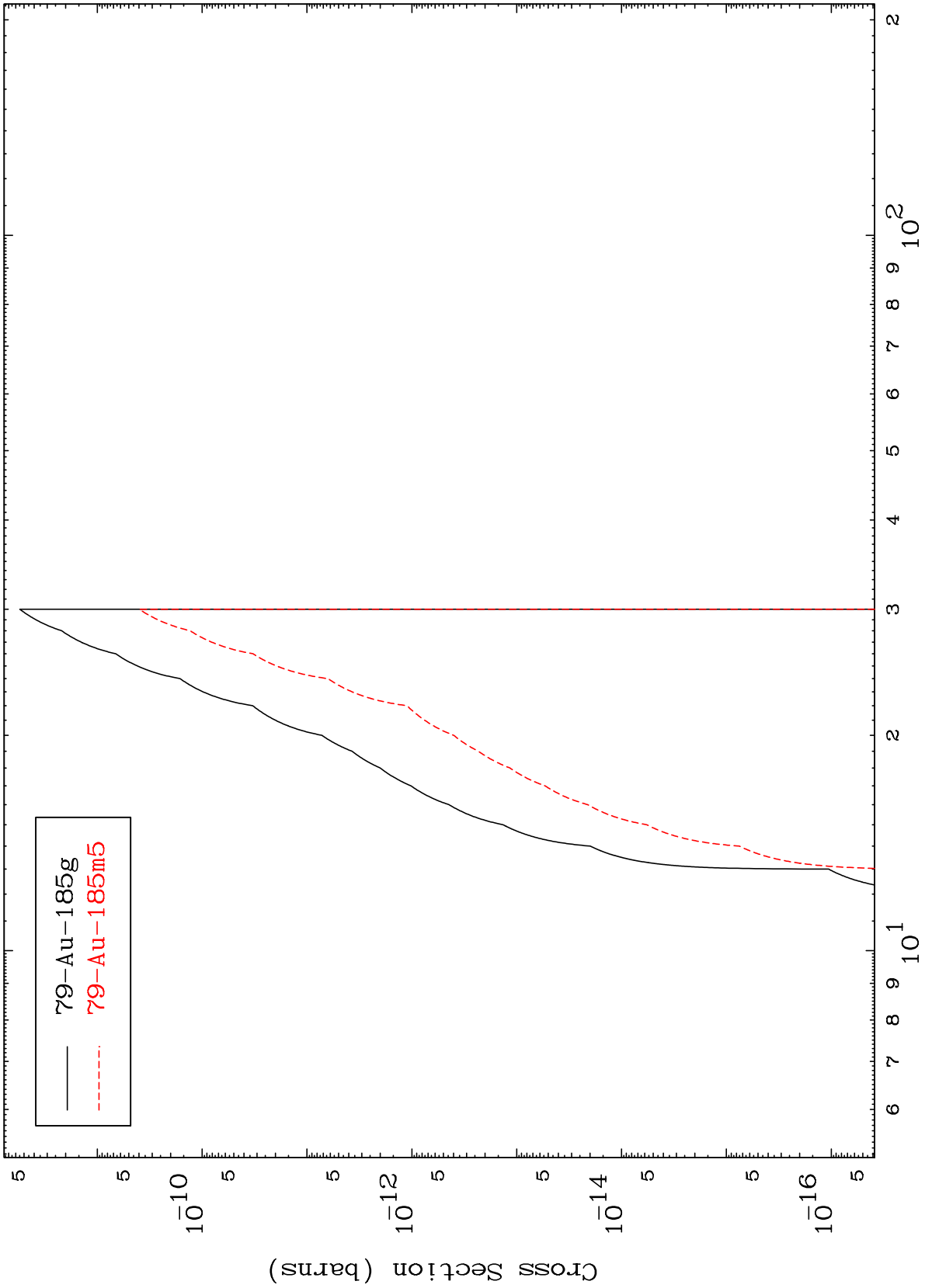
81-Tl-188

MAT 8080

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

81-Tl-188

Radionuclide Production Cross Section



21

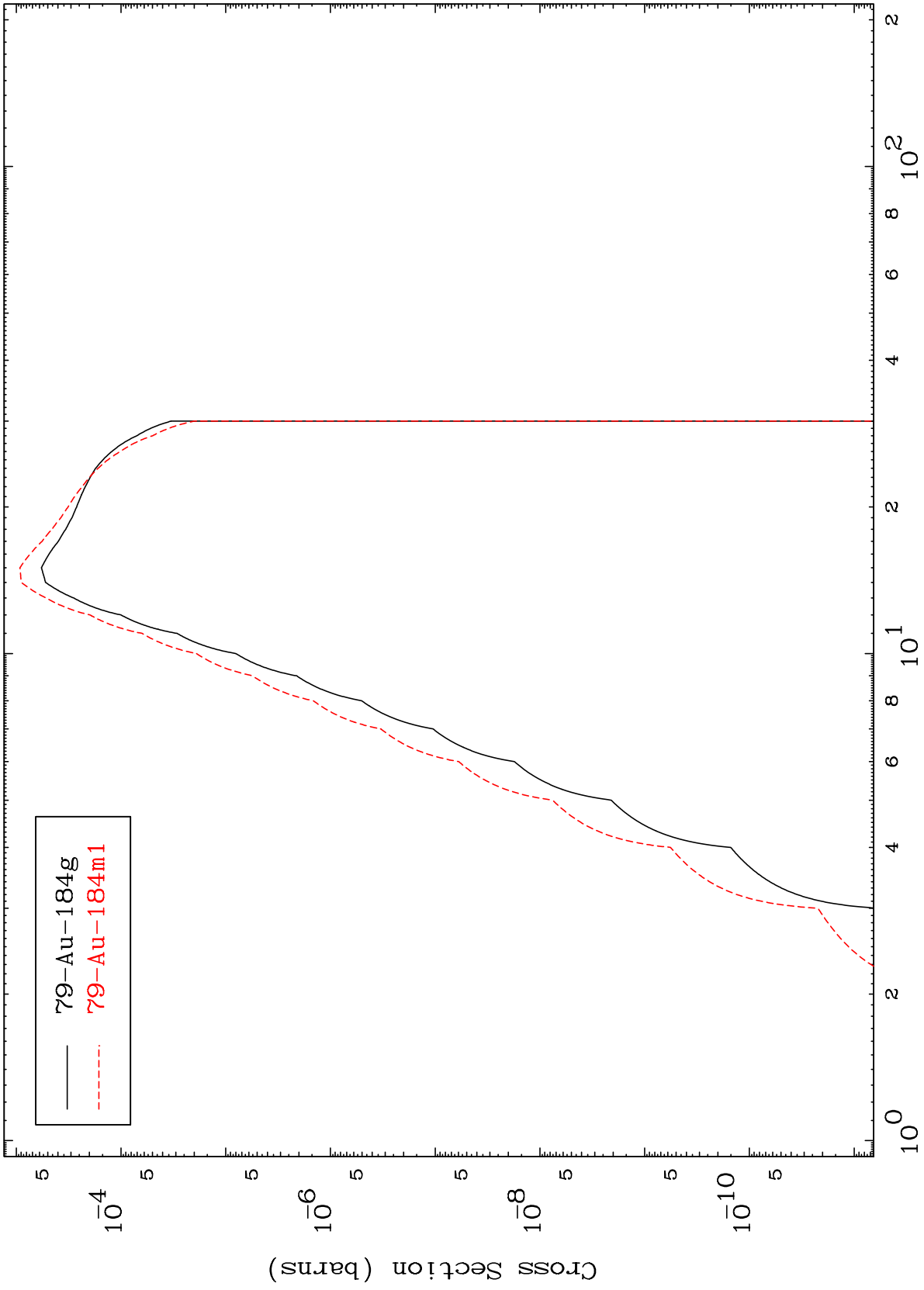
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

Radionuclide Production Cross Section



22

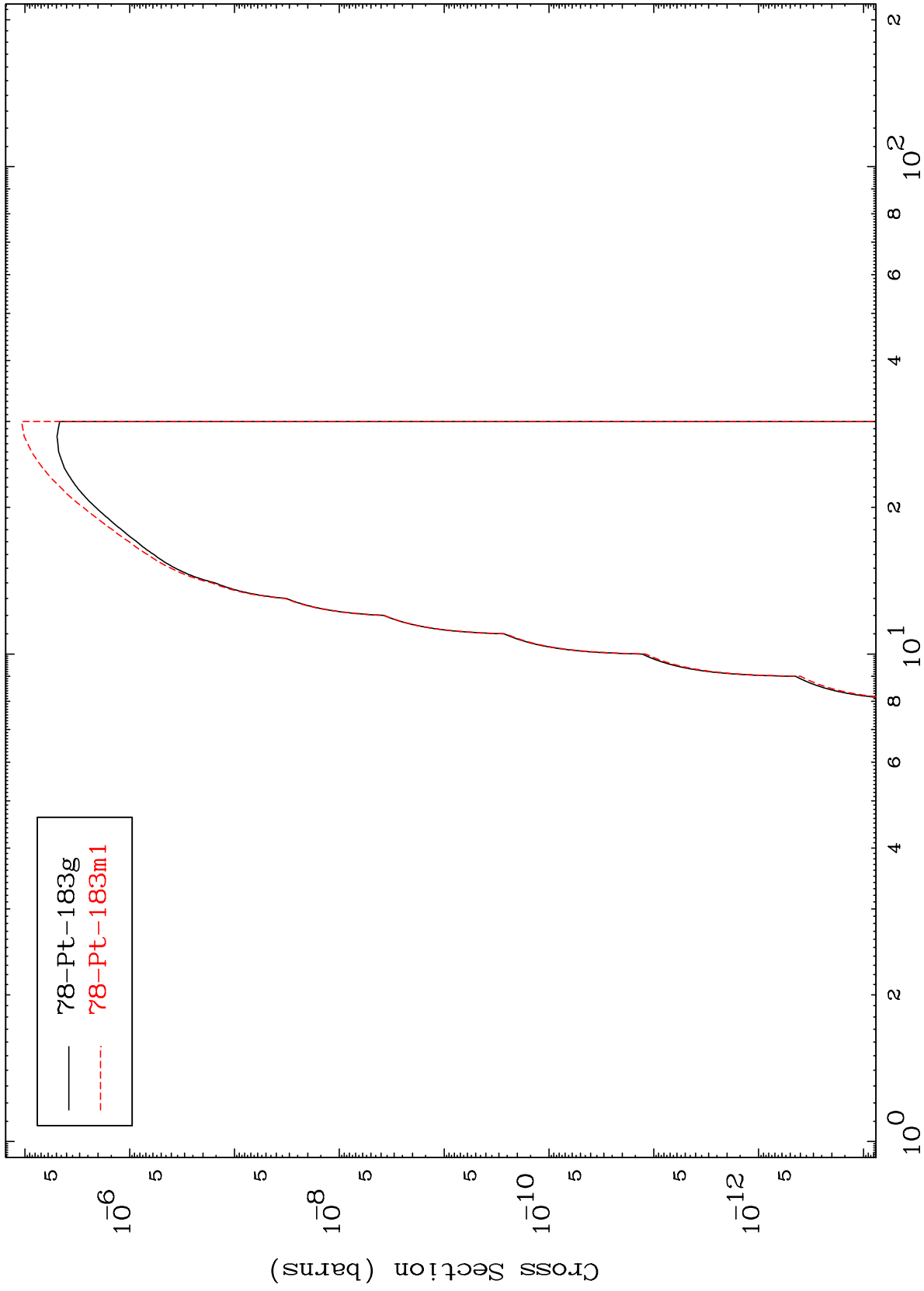
81-Tl-188

MAT 8080

(γ, p) α

81-Tl-188

Radionuclide Production Cross Section



23

Incident Energy (MeV)

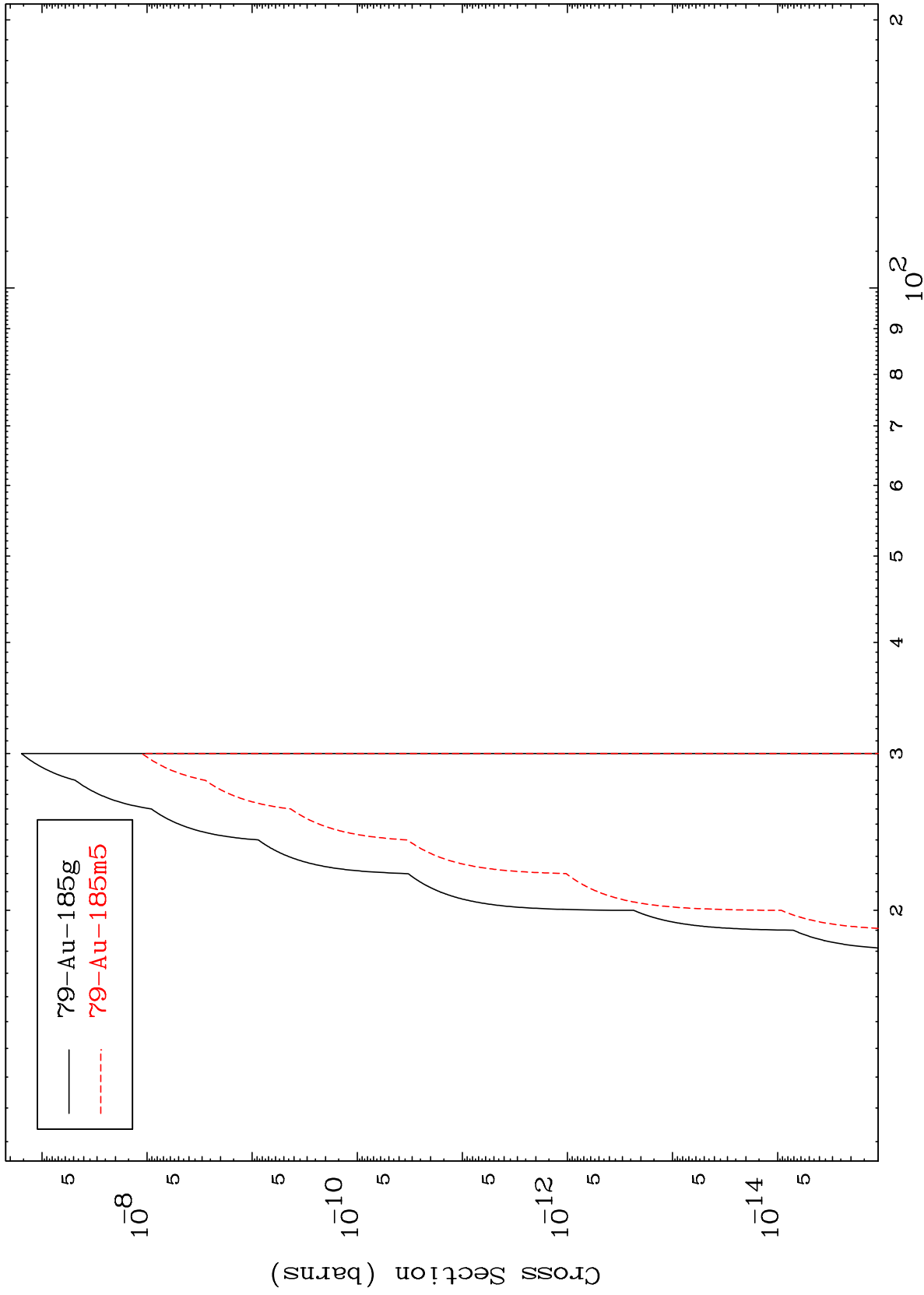
81-Tl-188

MAT 8080

(γ, p) d

81-Tl-188

Radionuclide Production Cross Section



24

Incident Energy (MeV)

81-Tl-188