

Program EVALPLOT
(Version 2017-1)

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

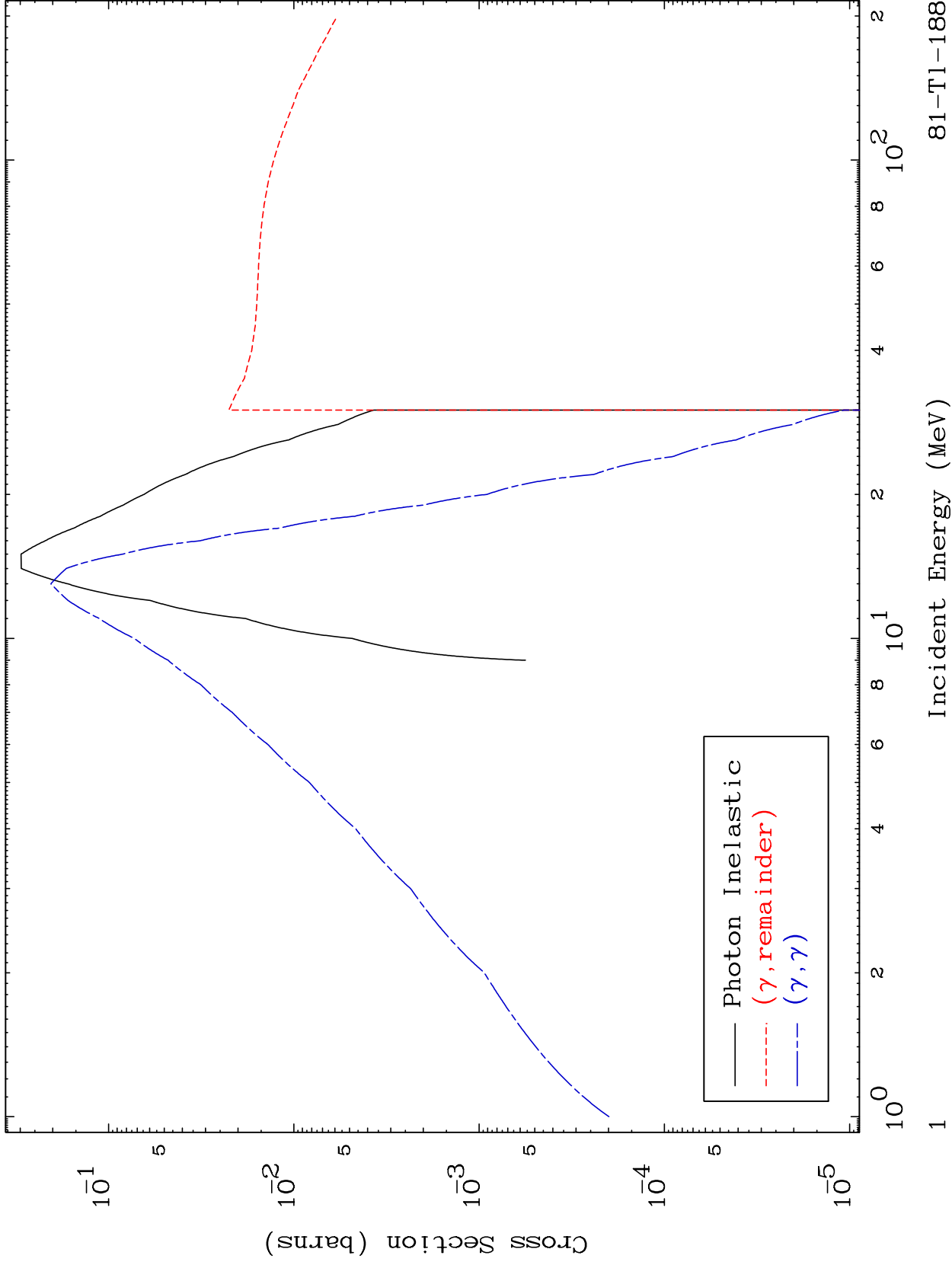
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8081

Photon Major
0 Kelvin Cross Sections

81-Tl-188



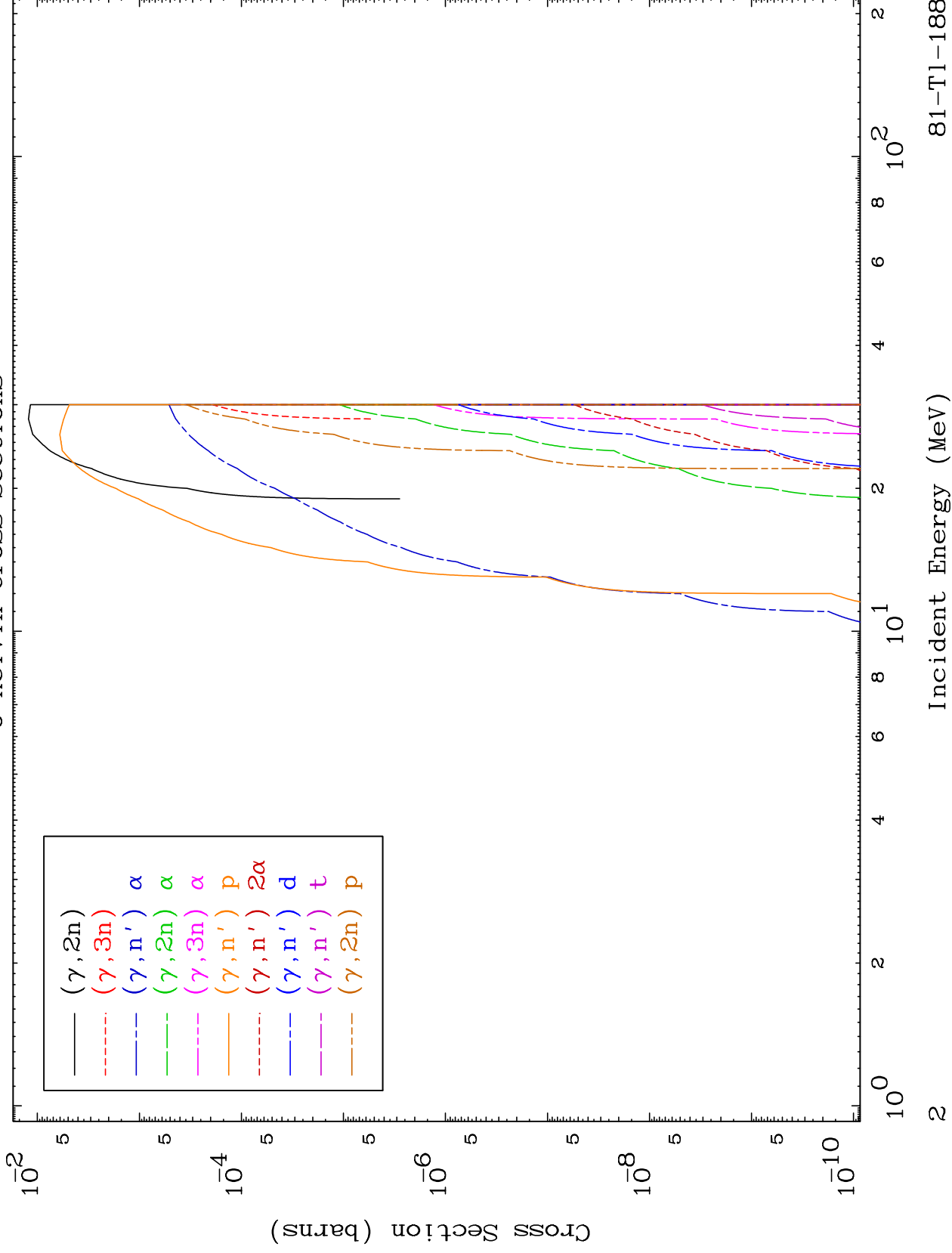
81-Tl-188

Incident Energy (MeV)

MAT 8081

Photon Neutron Production
0 Kelvin Cross Sections

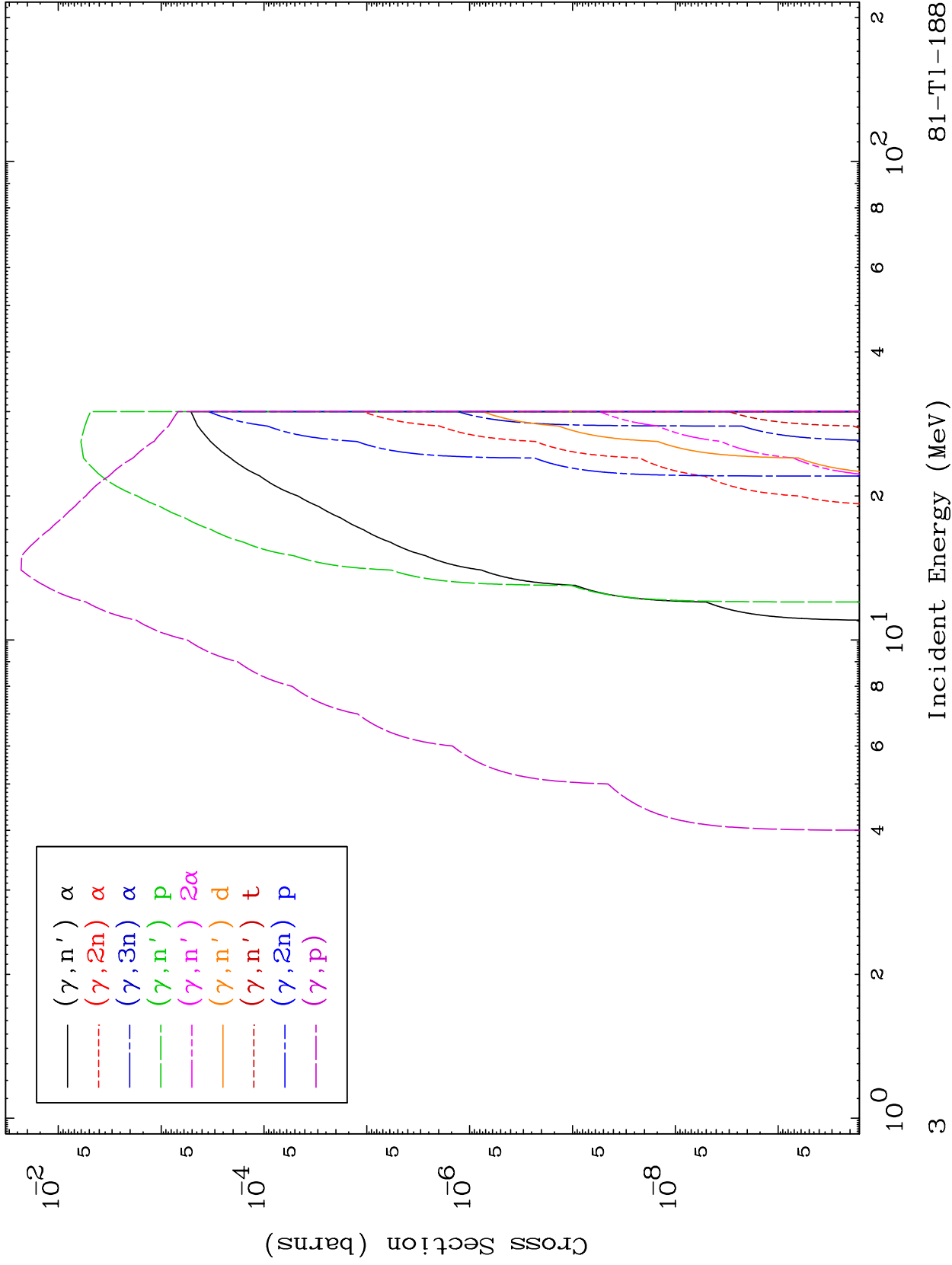
81-Tl-188



MAT 8081

Photon Charged Particle
0 Kelvin Cross Sections

81-Tl-188



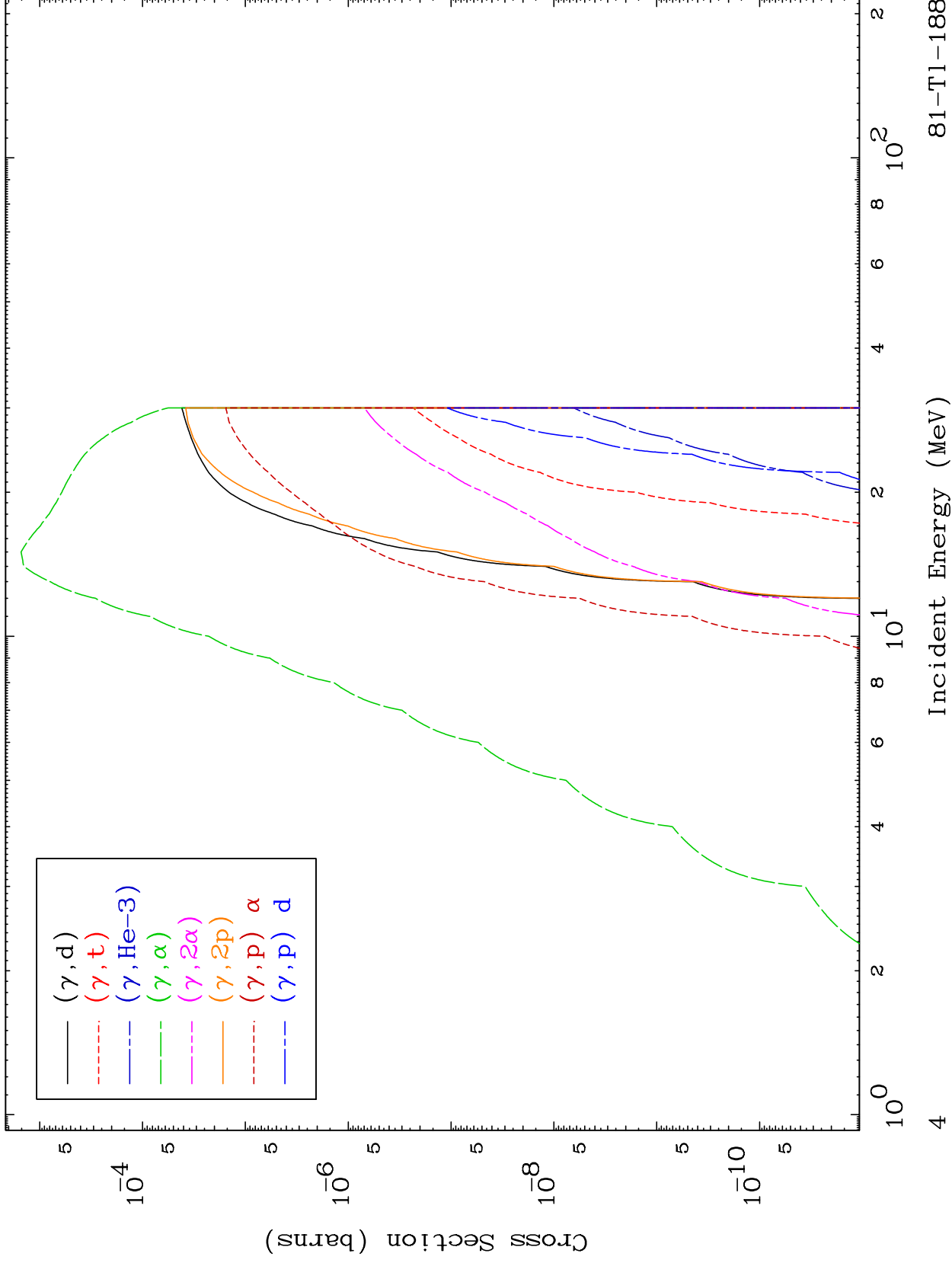
Incident Energy (MeV)

81-Tl-188

MAT 8081

Photon Charged Particle
0 Kelvin Cross Sections

81-Tl-188

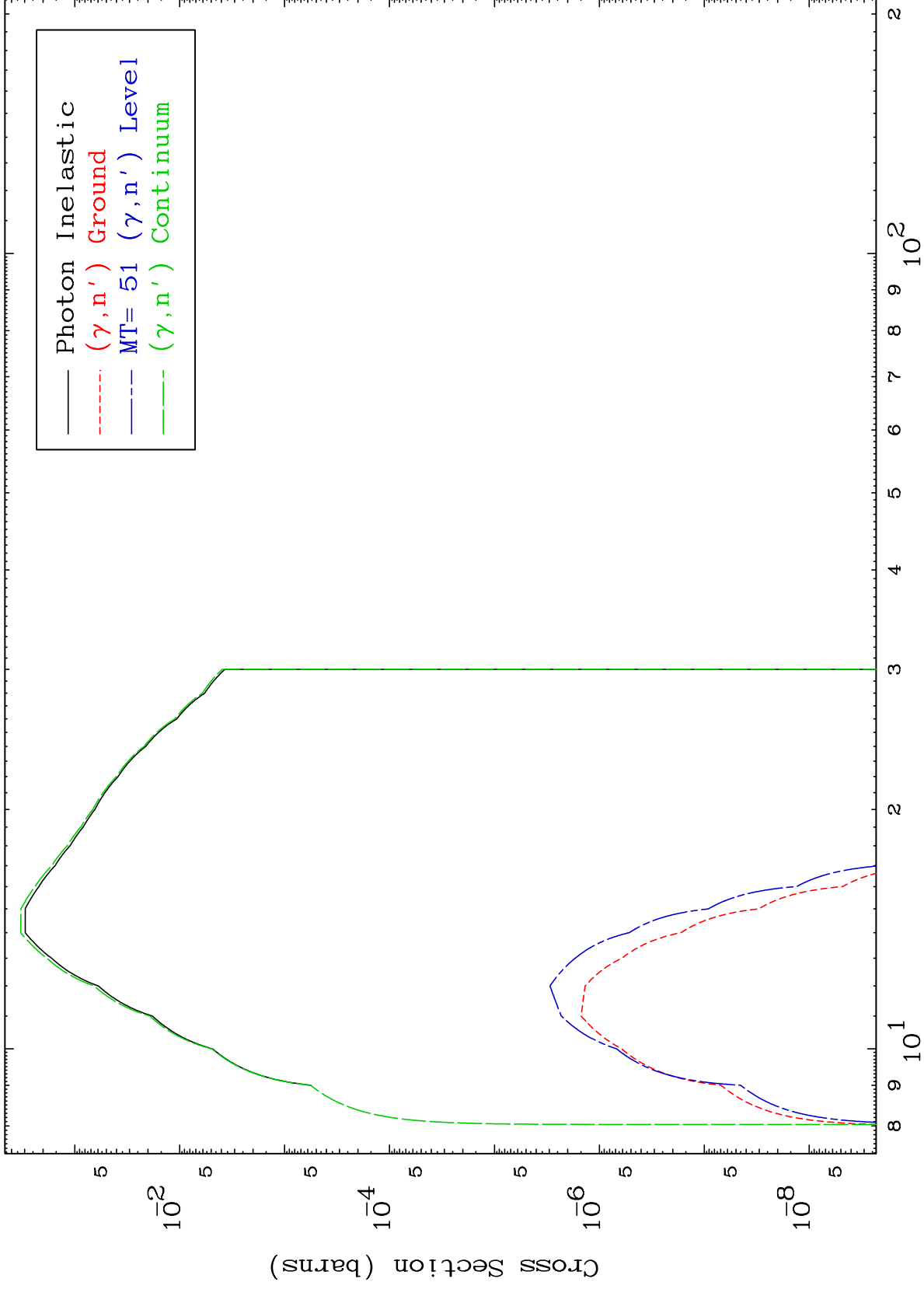


MAT 8081

(γ, n') Level

81-Tl-188

0 Kelvin Cross Sections



5

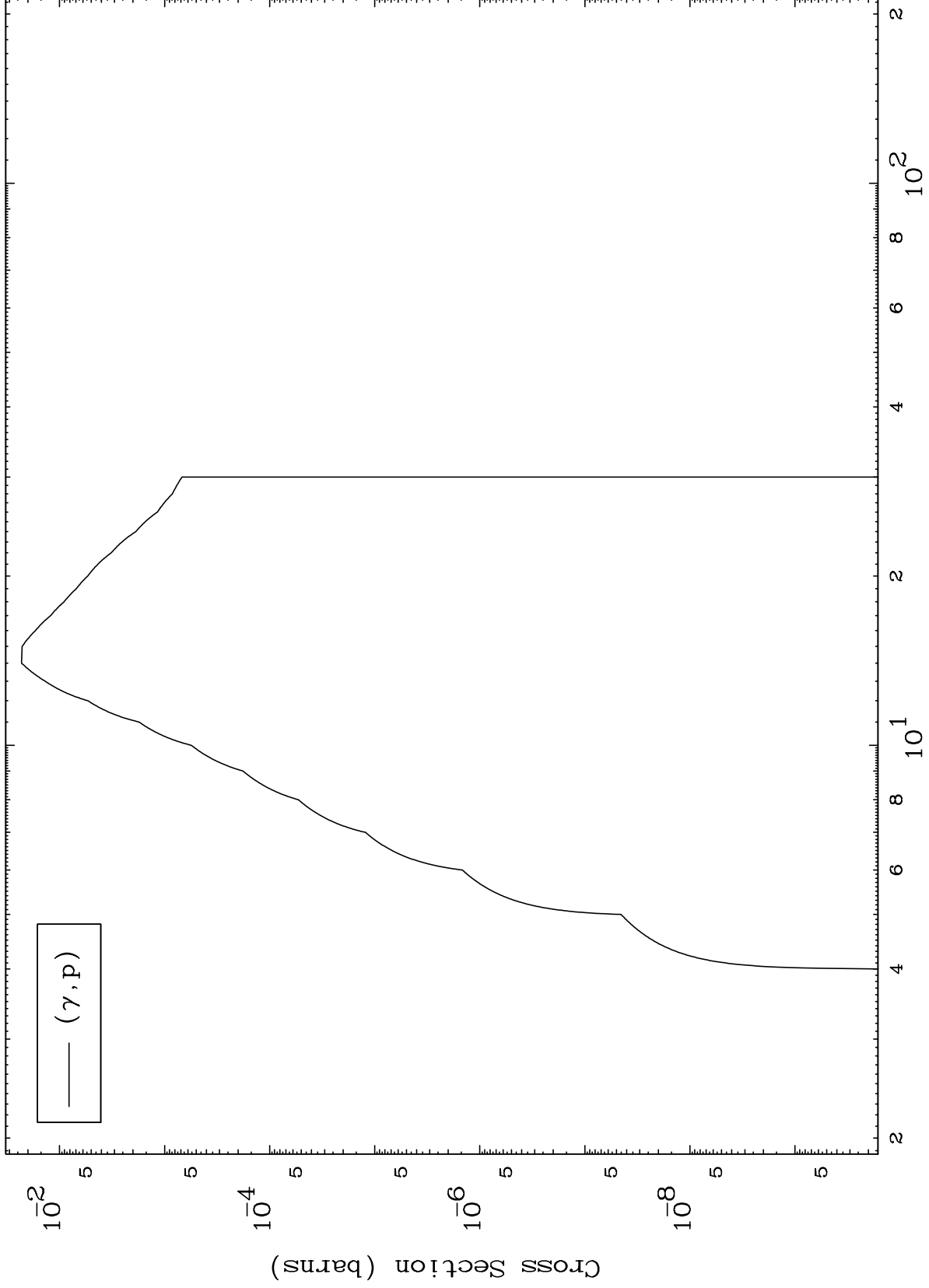
Incident Energy (MeV)

81-Tl-188

MAT 8081

(γ, p) Levels
0 Kelvin Cross Sections

81-Tl-188



6

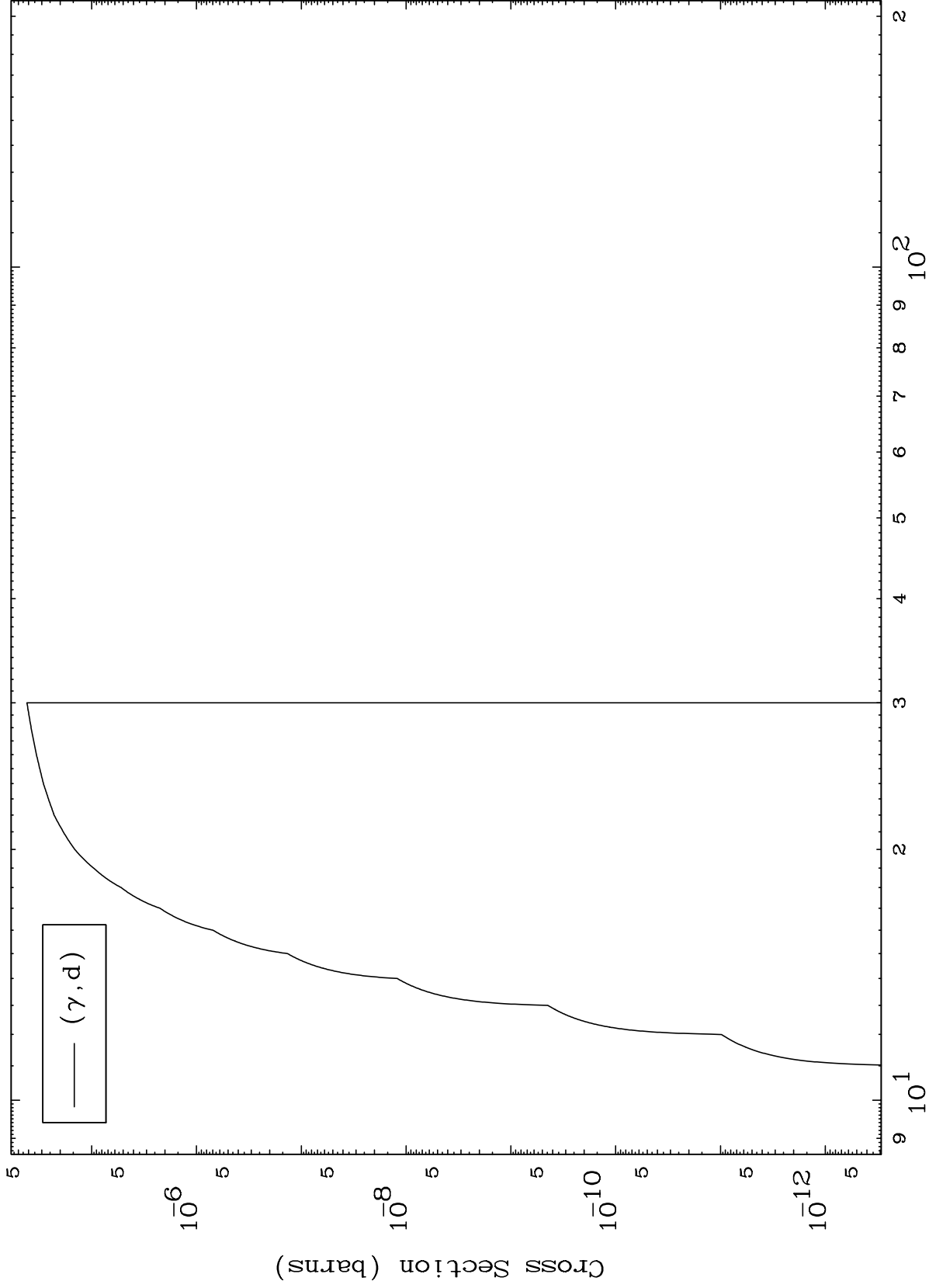
Incident Energy (MeV)

81-Tl-188

MAT 8081

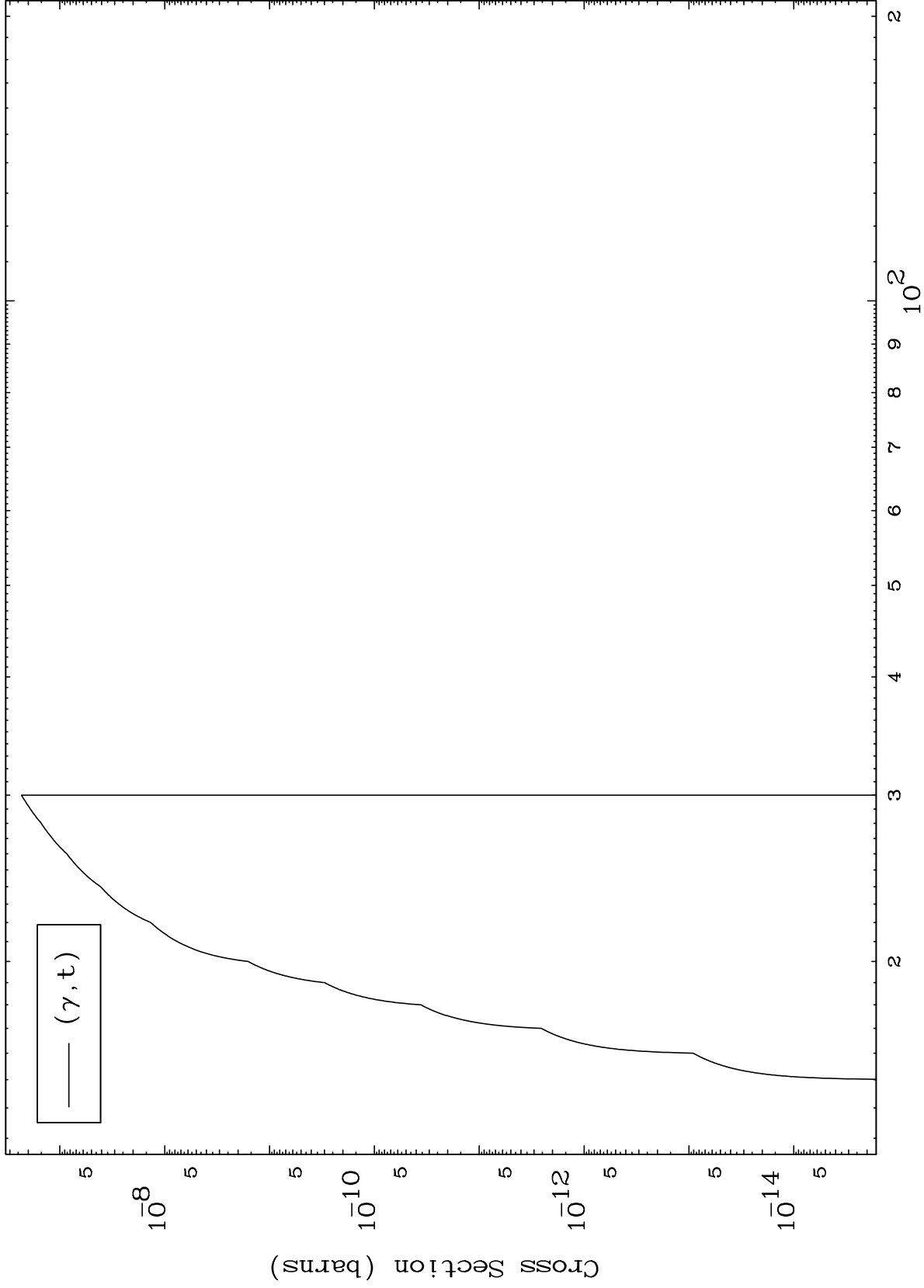
(γ, d) Levels
0 Kelvin Cross Sections

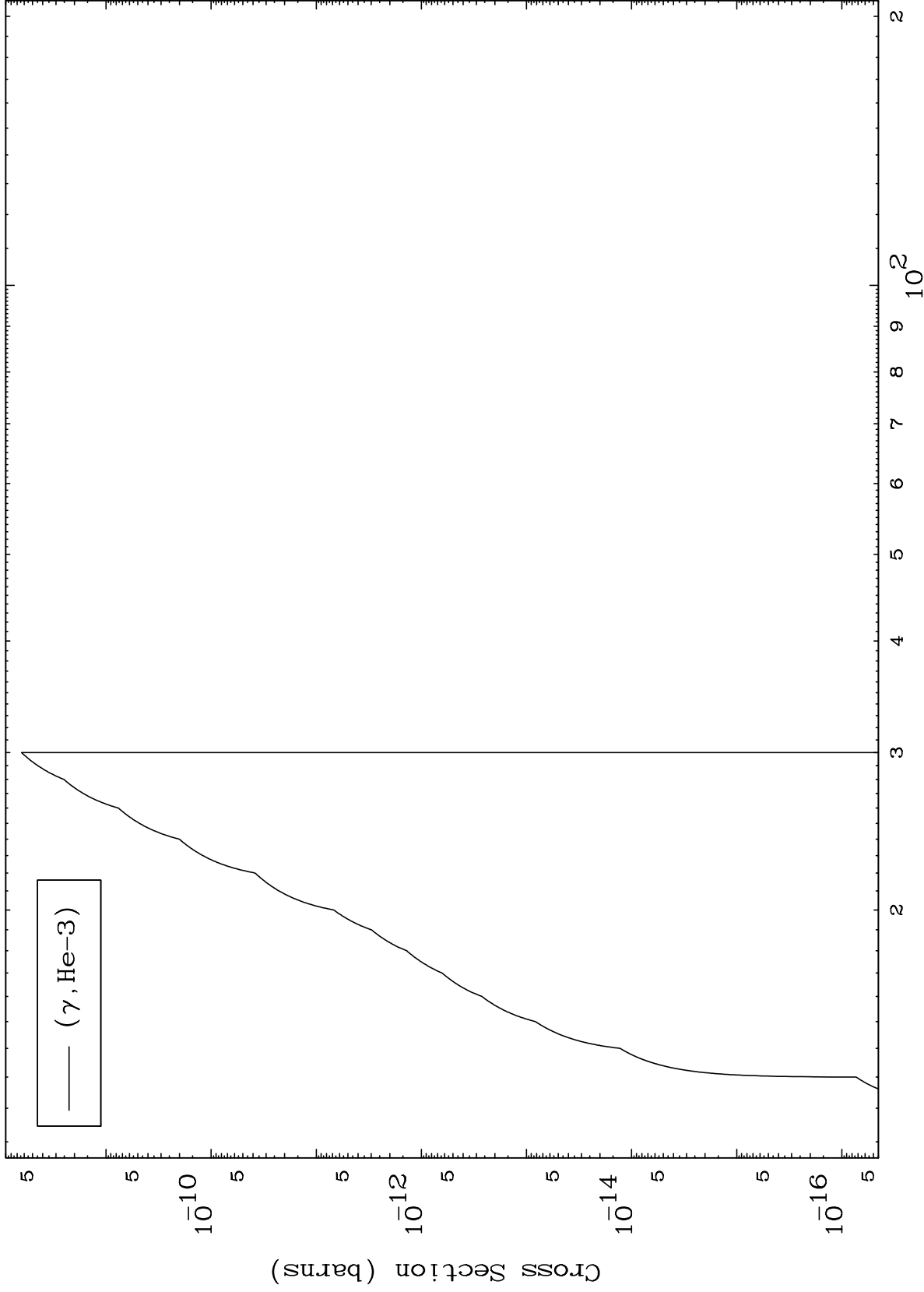
81-Tl-188



Incident Energy (MeV)

81-Tl-188

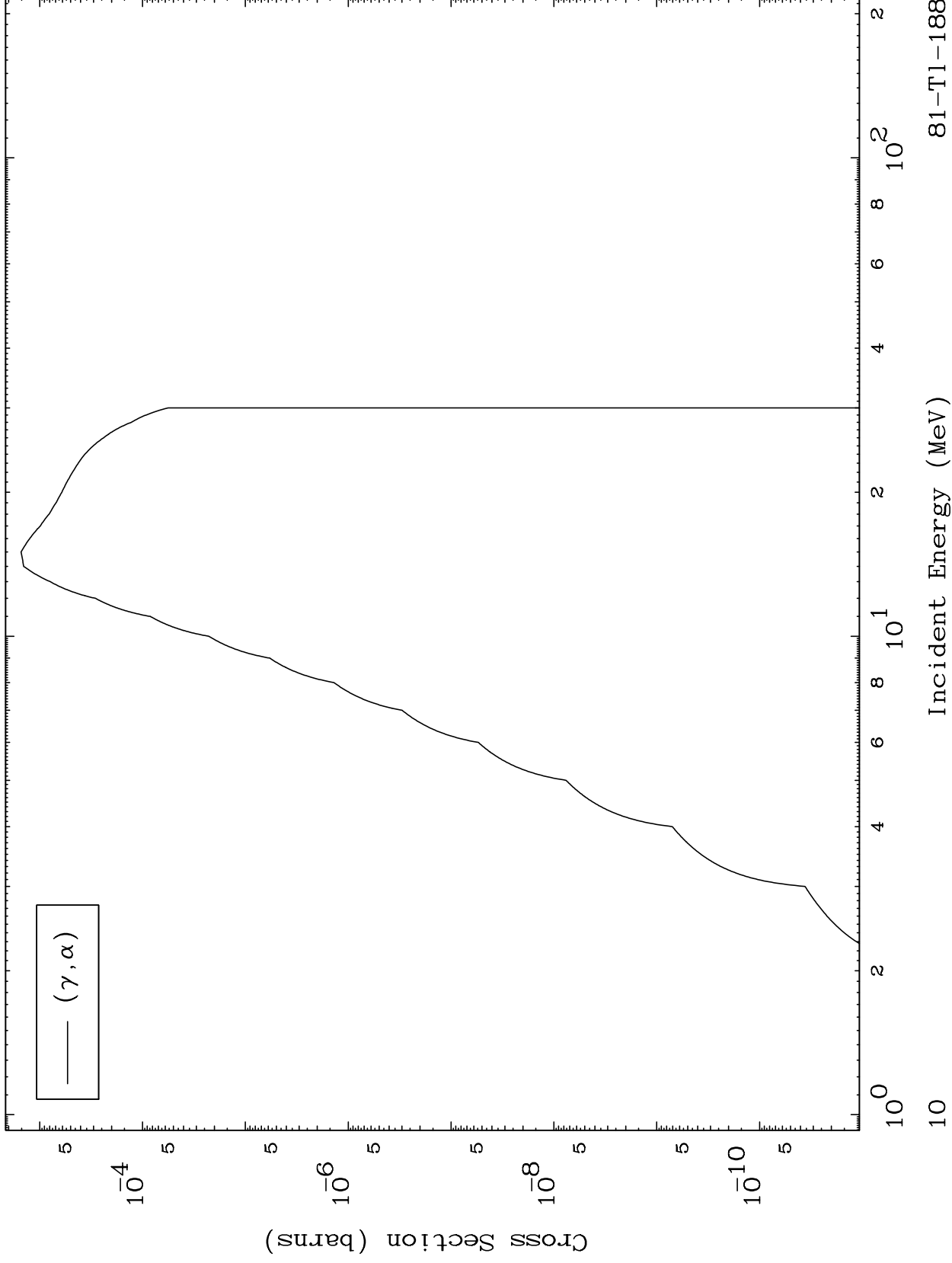




MAT 8081

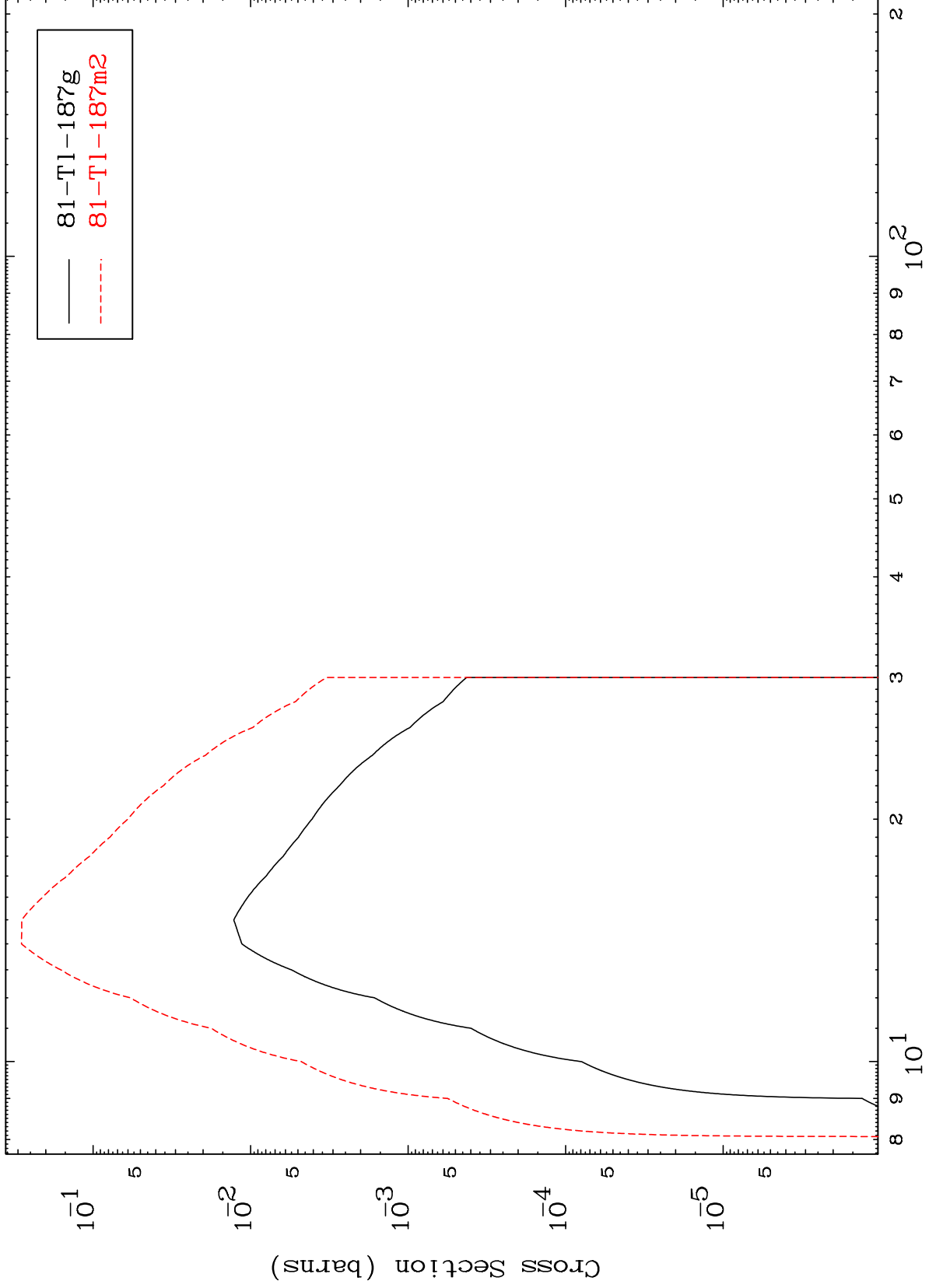
(γ, α) Levels
0 Kelvin Cross Sections

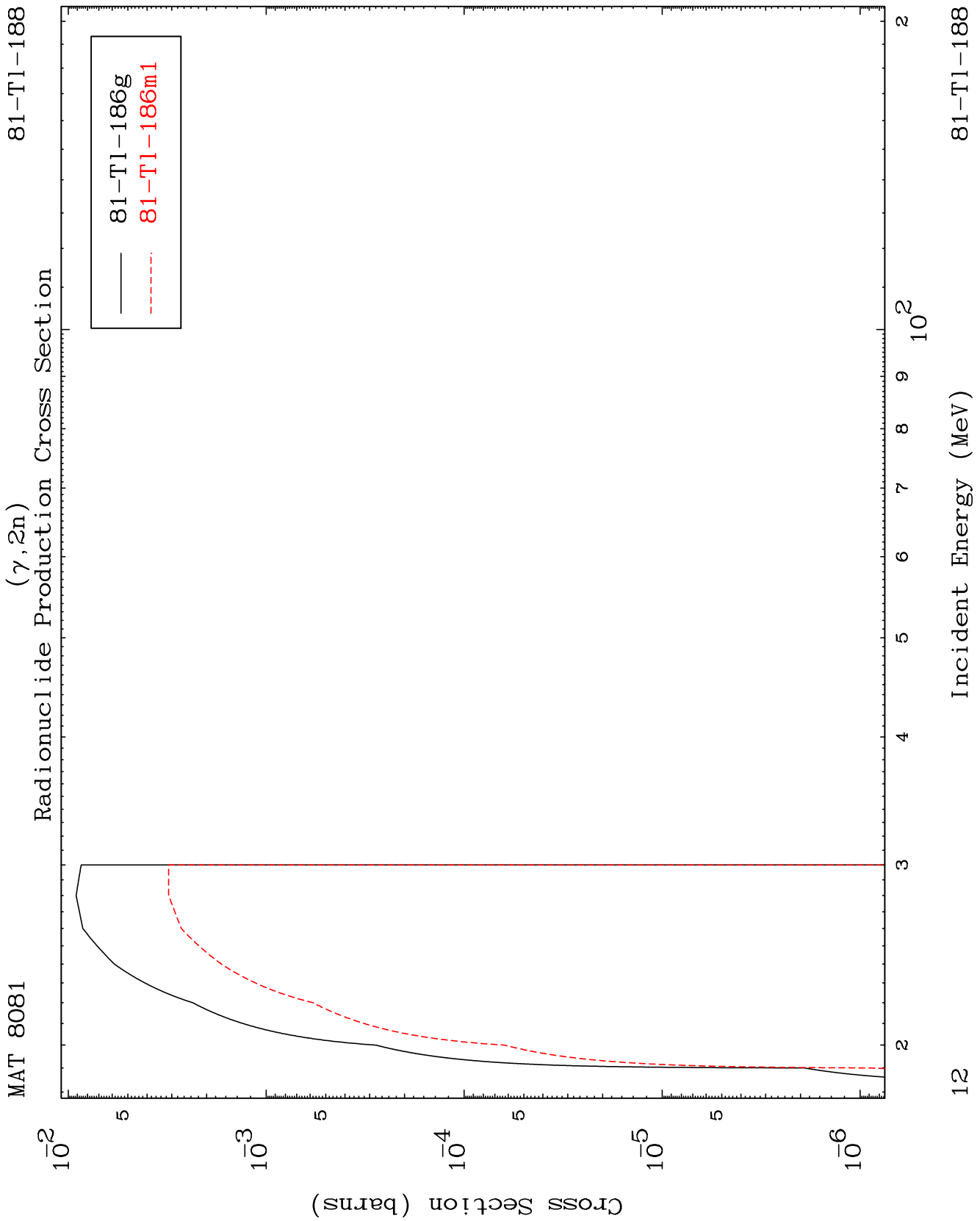
81-Tl-188



81-Tl-188

Photon Inelastic
Radionuclide Production Cross Section

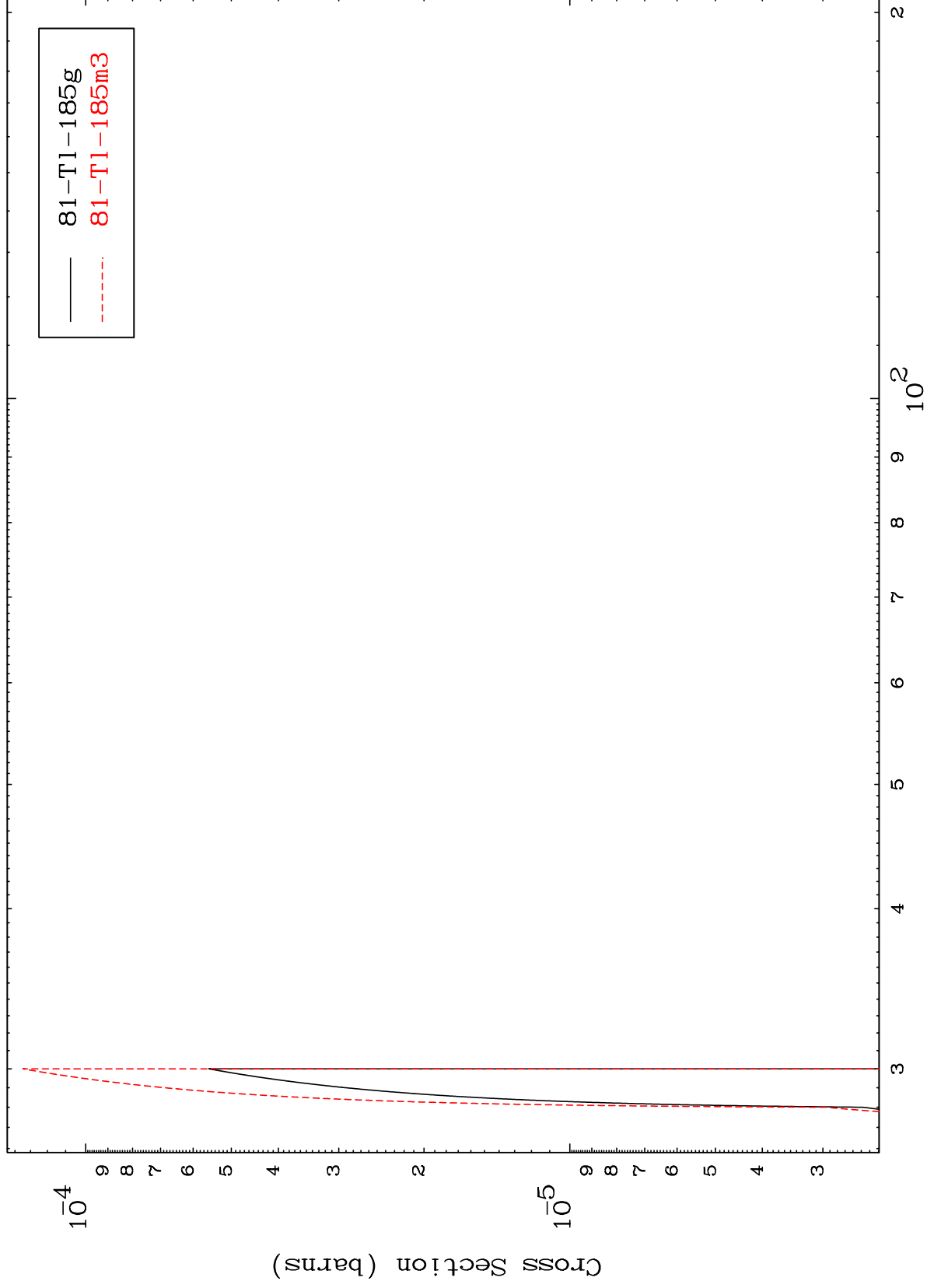




MAT 8081

81-Tl-188

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



13

81-Tl-188

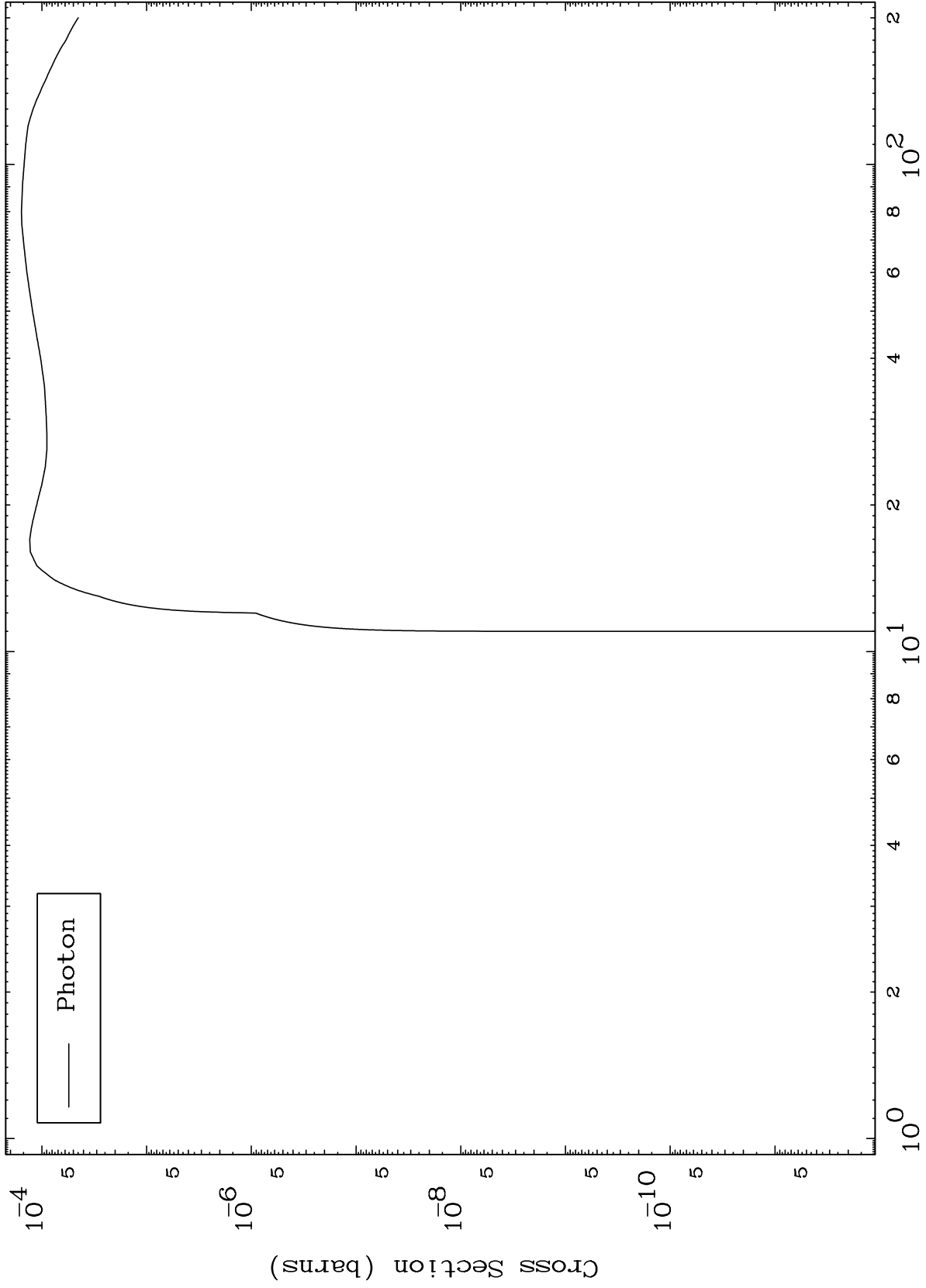
Incident Energy (MeV)

MAT 8081

Photon Fission

81-Tl-188

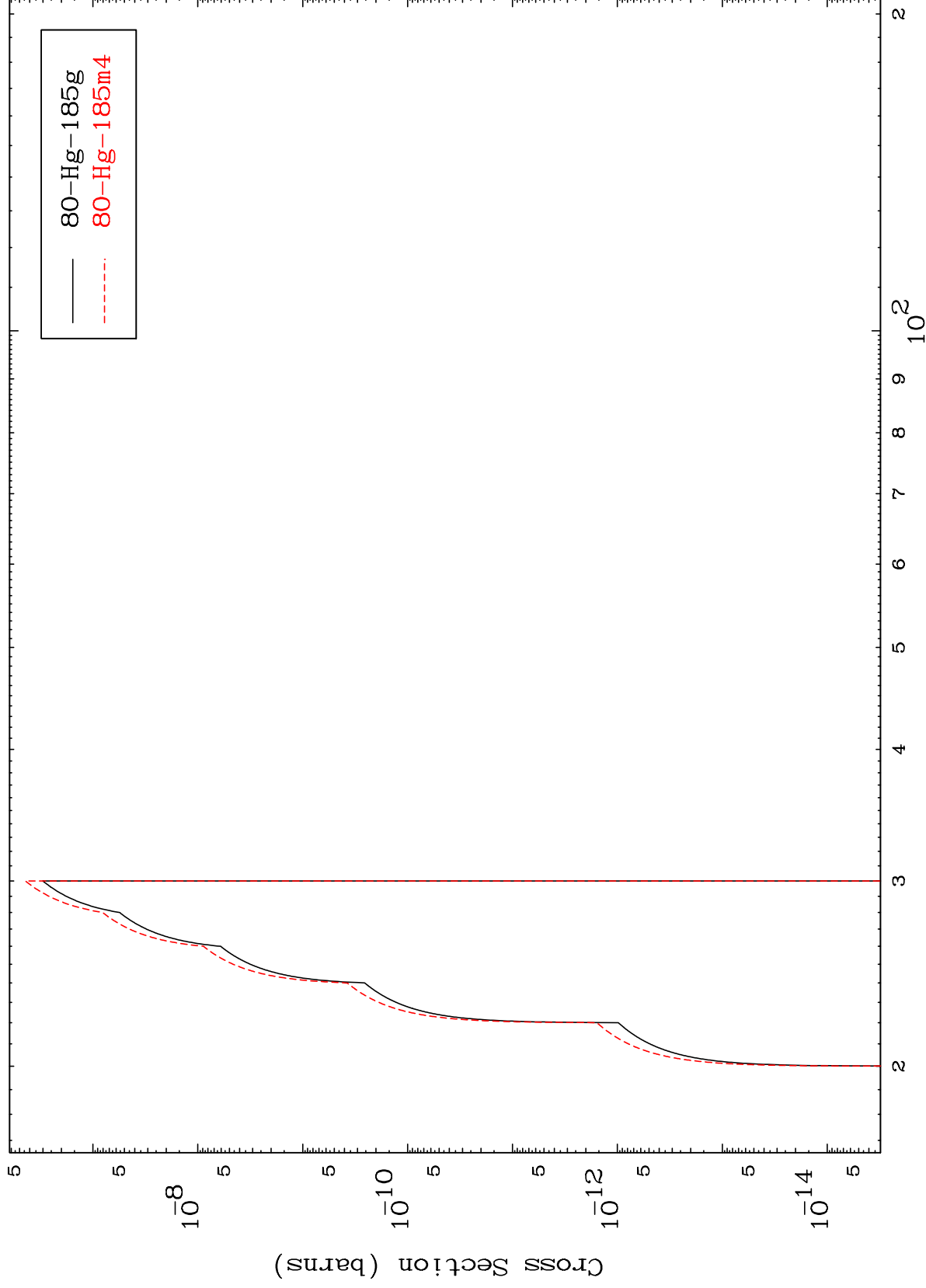
Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-188

Radionuclide Production Cross Section

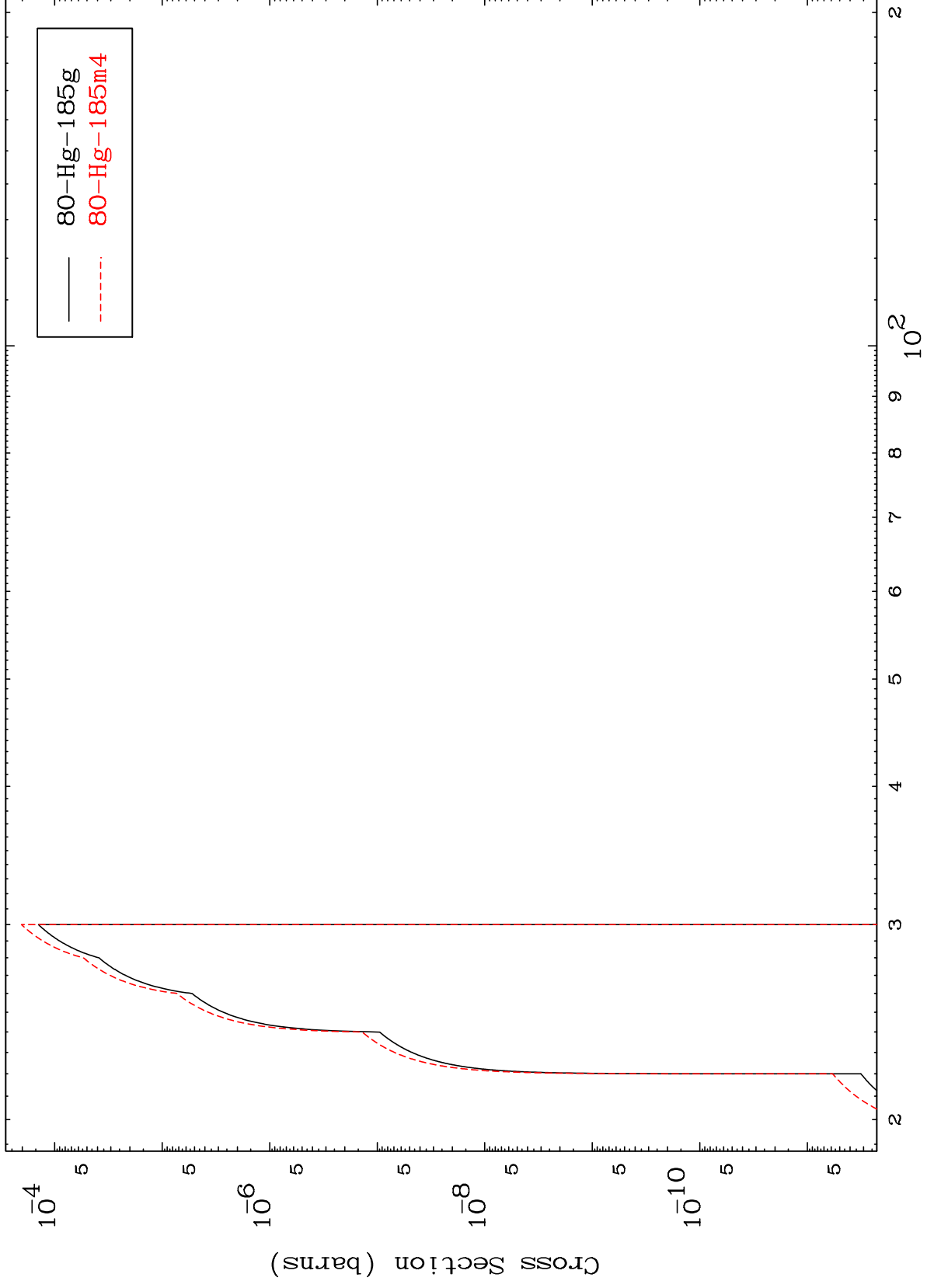


MAT 8081

($\gamma, 2n$) p

81-Tl-188

Radionuclide Production Cross Section

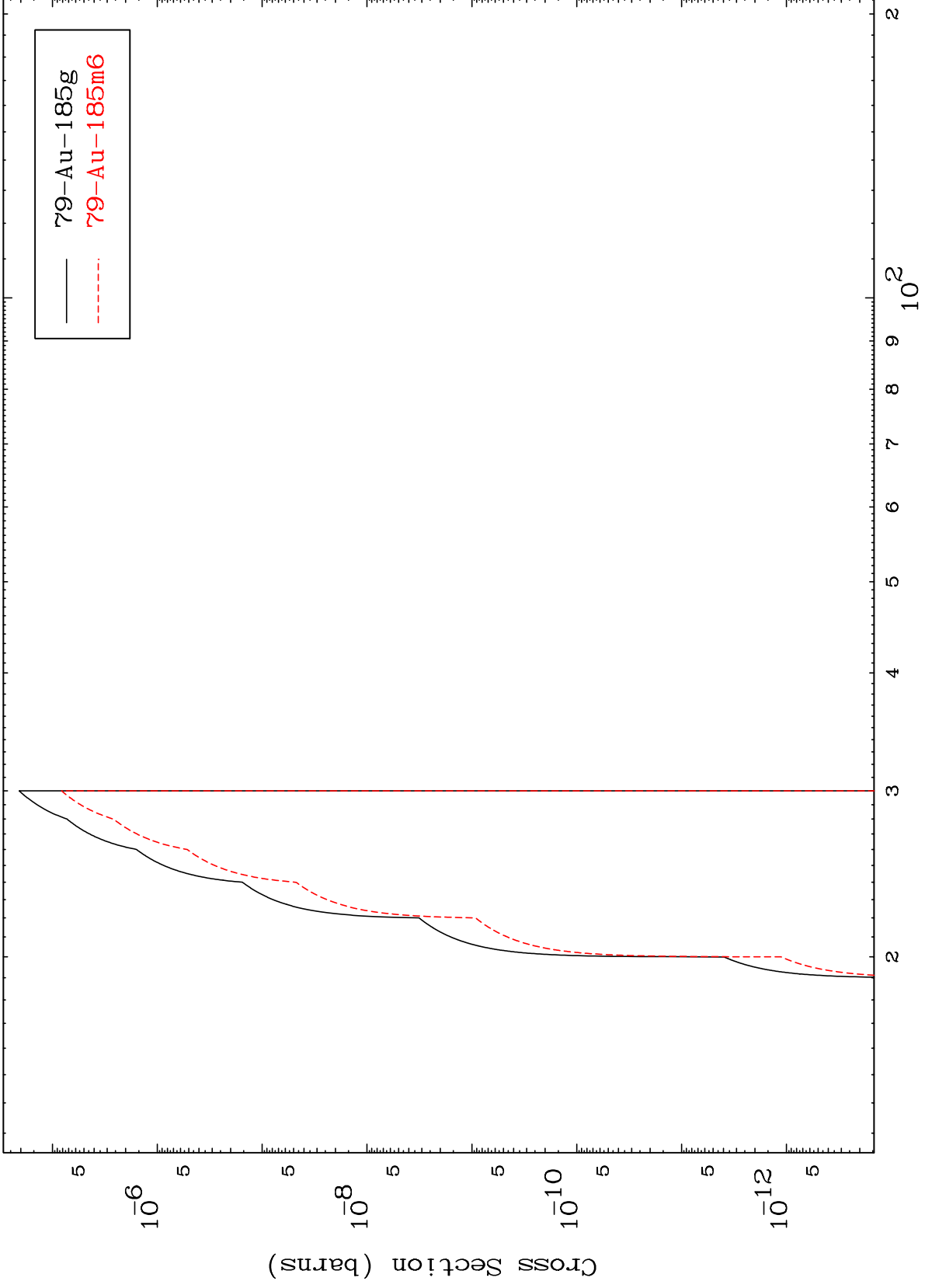


16

Incident Energy (MeV)

81-Tl-188

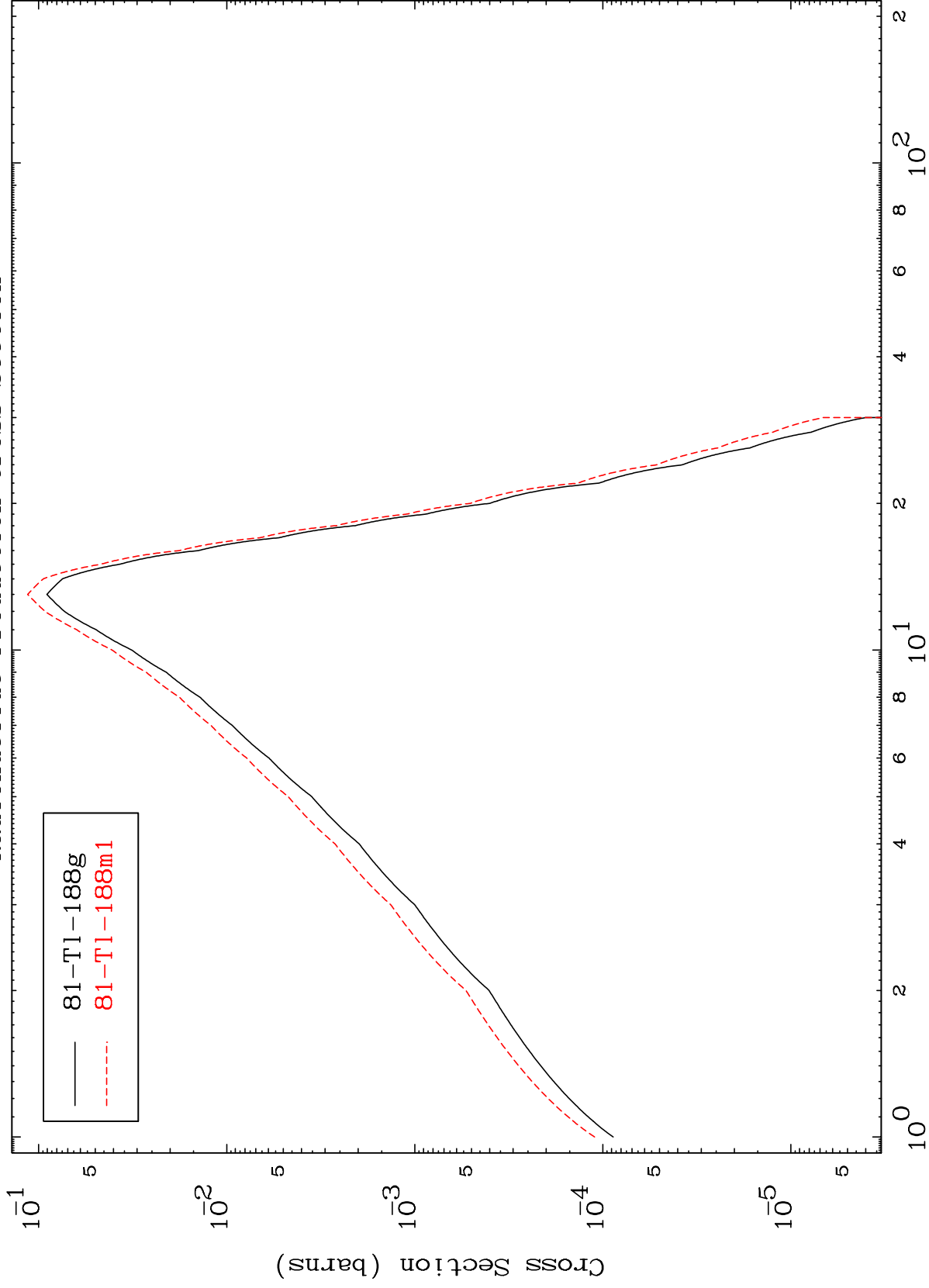
Radionuclide Production Cross Section



MAT 8081

81-Tl-188

Radionuclide Production Cross Section
(γ, γ)



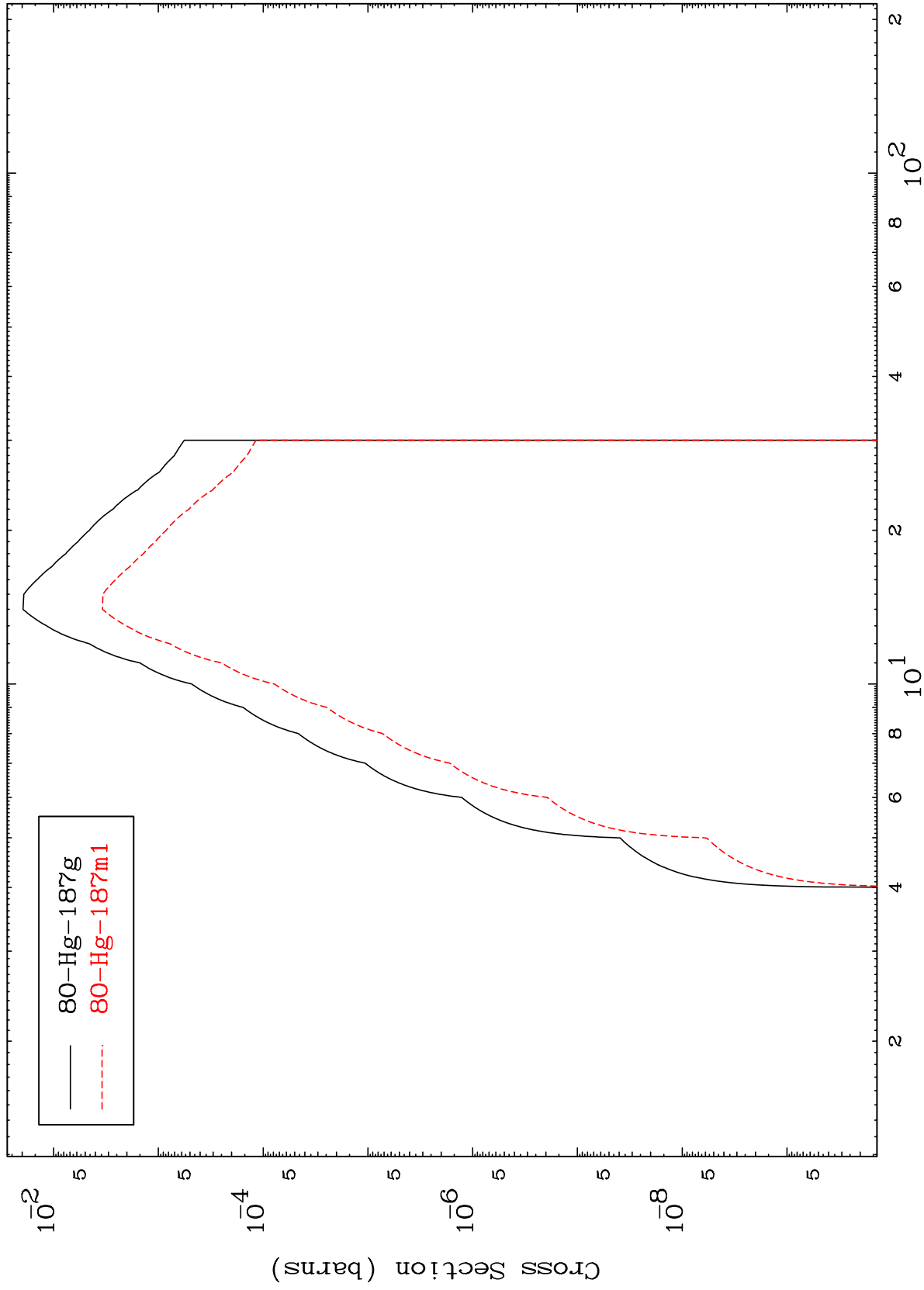
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

Radionuclide Production Cross Section
(γ, p)



19

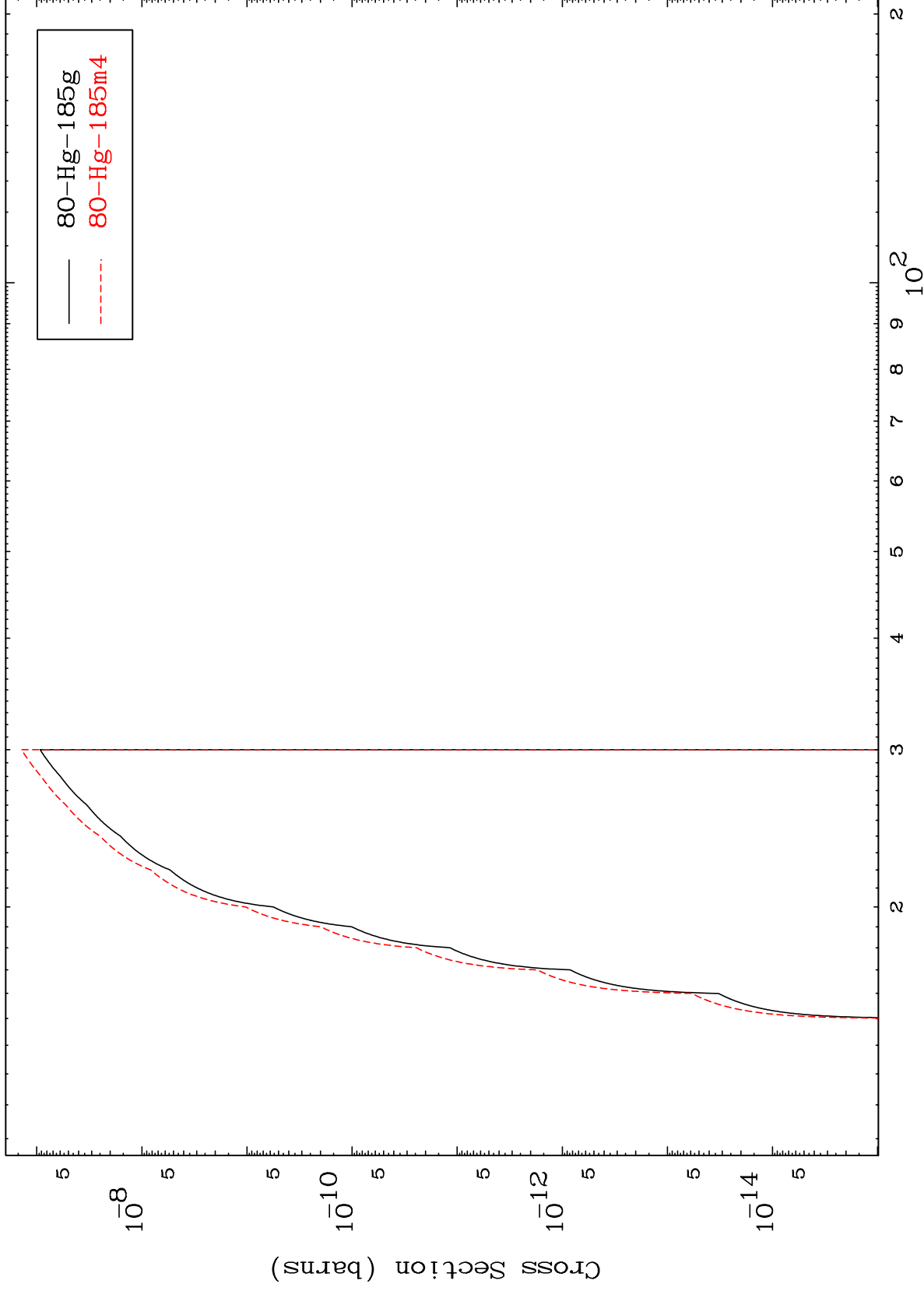
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

(γ, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

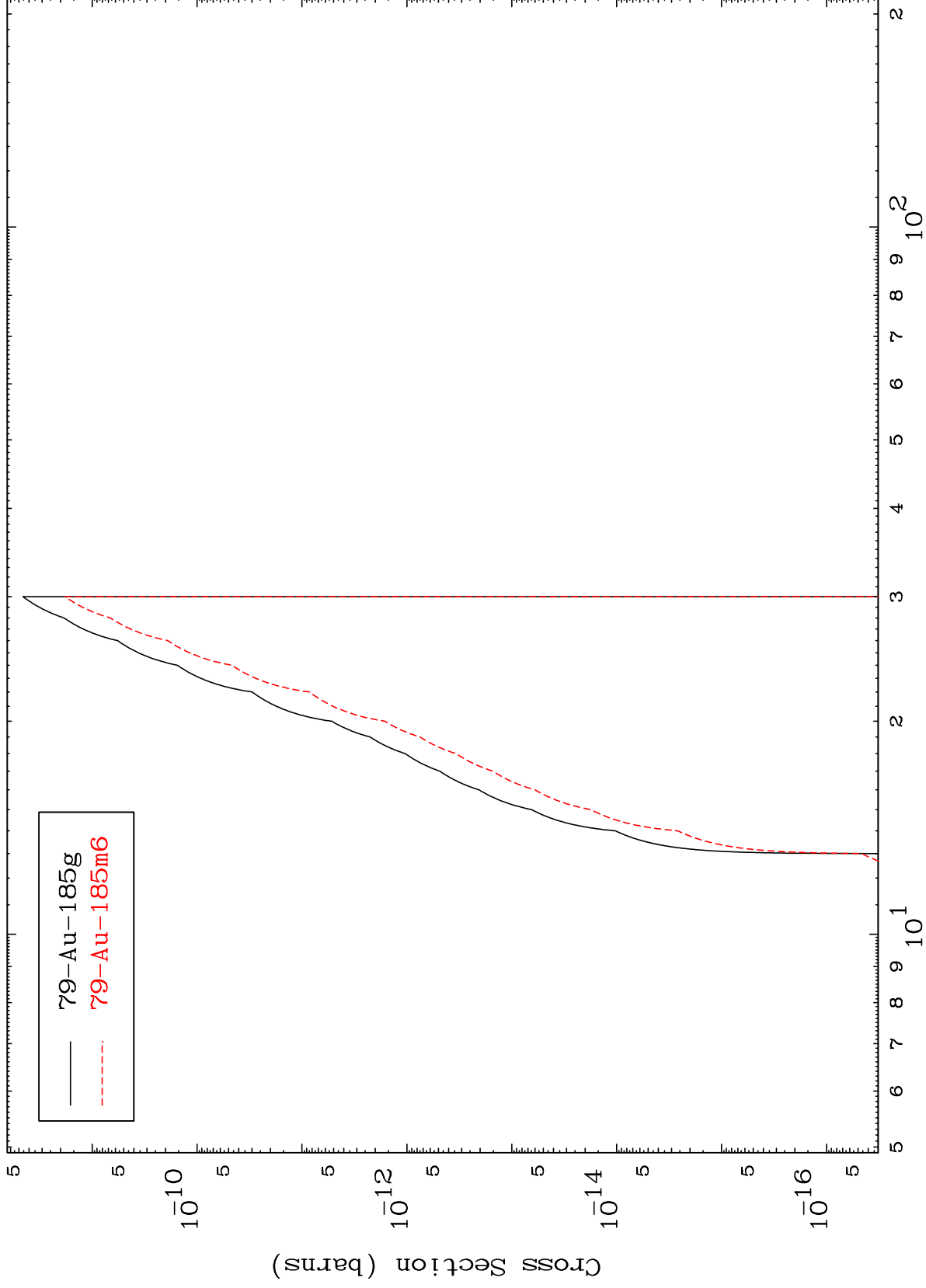
81-Tl-188

MAT 8081

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

81-Tl-188

Radionuclide Production Cross Section



21

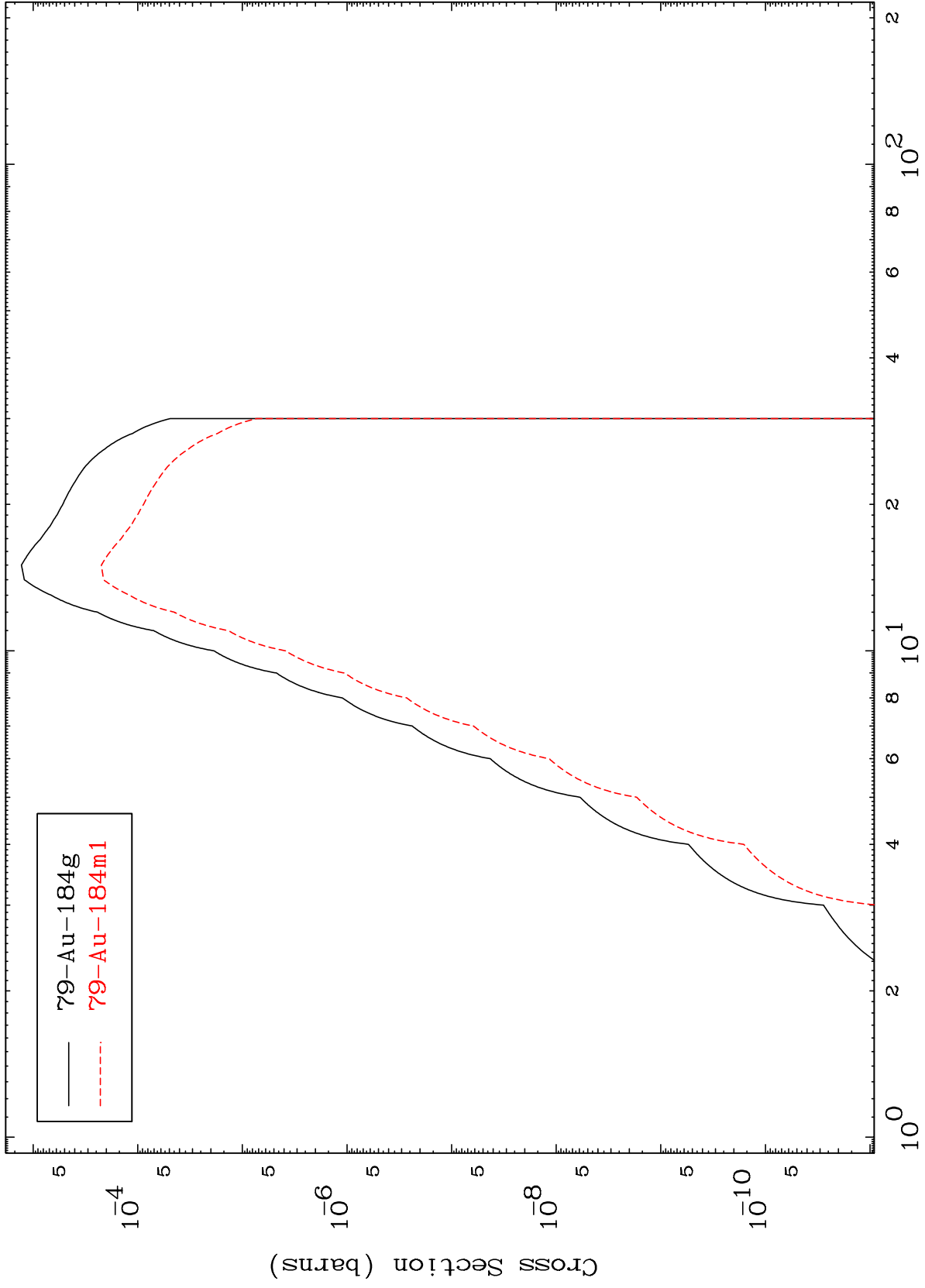
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

Radionuclide Production Cross Section
(γ, α)



22

Incident Energy (MeV)

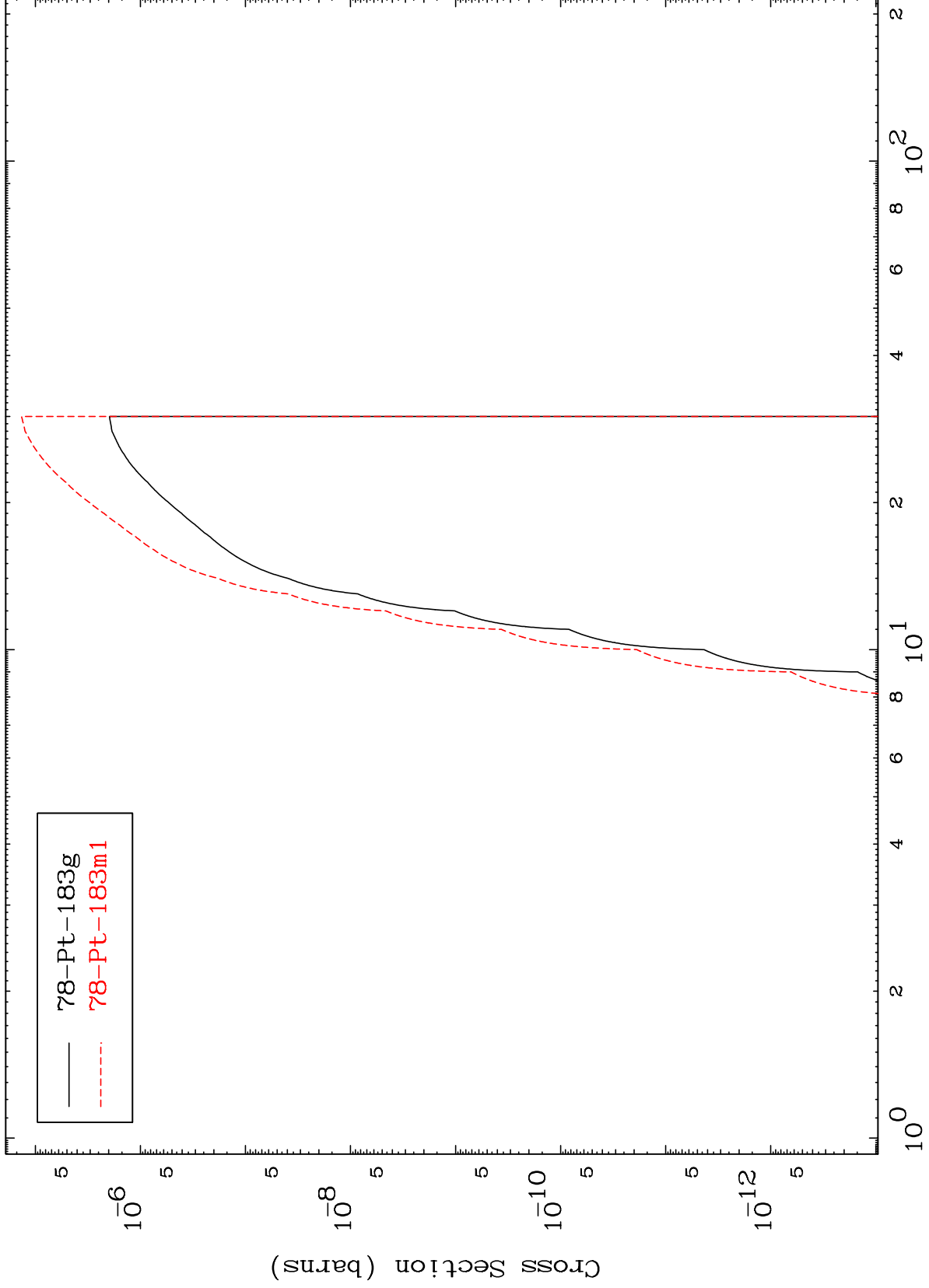
81-Tl-188

MAT 8081

(γ, p) α

81-Tl-188

Radionuclide Production Cross Section



23

Incident Energy (MeV)

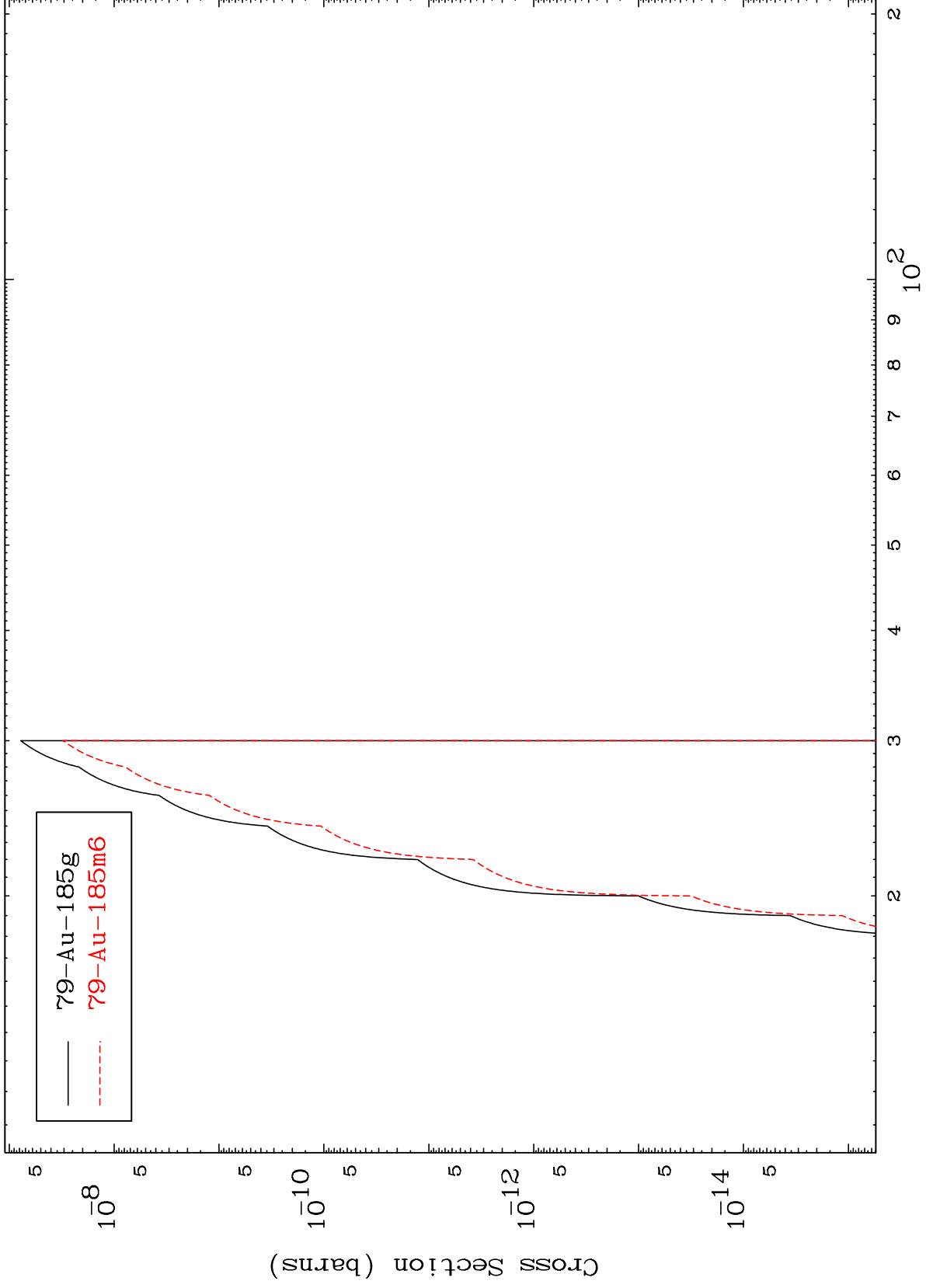
81-Tl-188

MAT 8081

(γ, p) d

81-Tl-188

Radionuclide Production Cross Section



24

Incident Energy (MeV)

81-Tl-188