

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

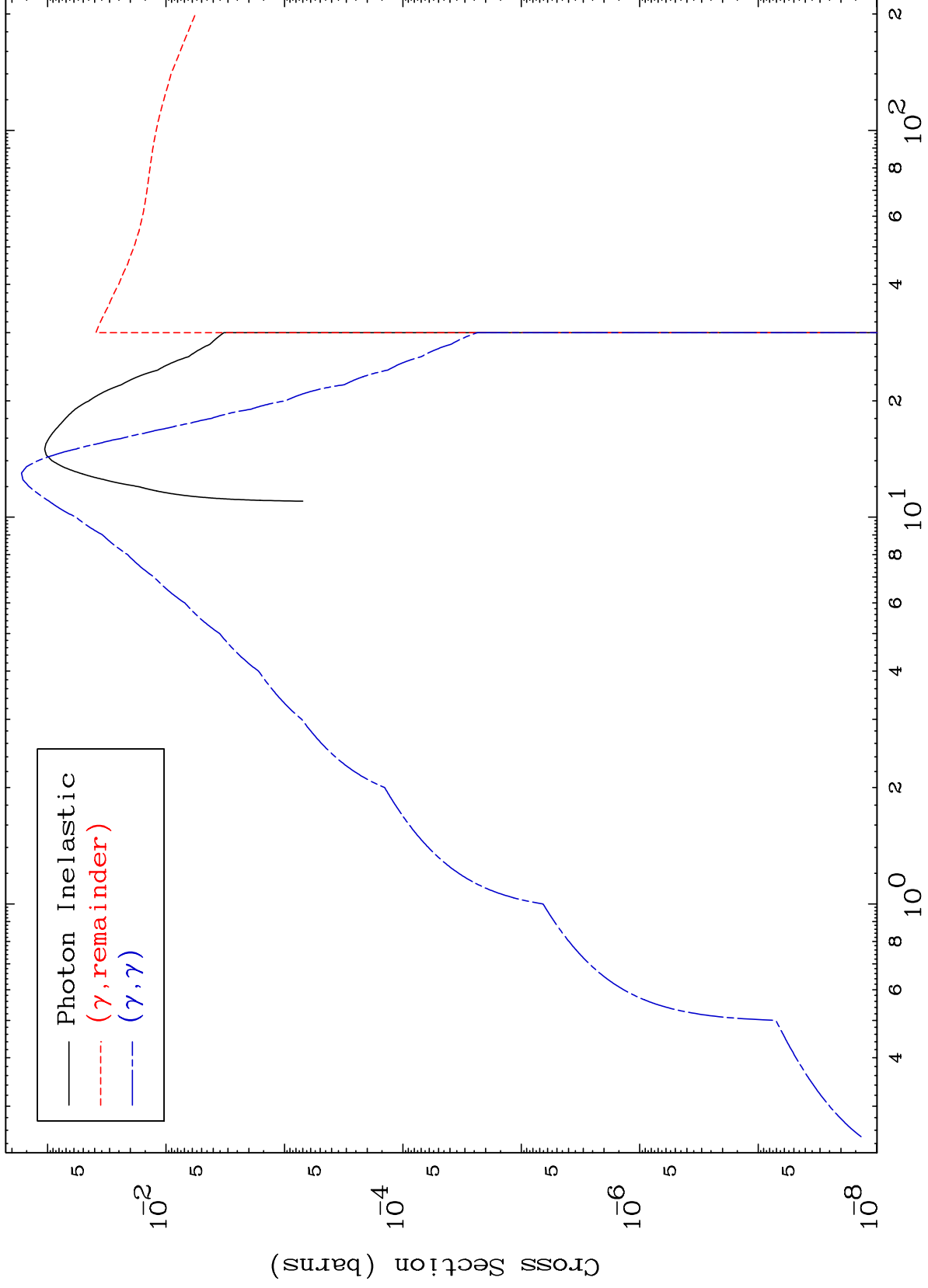
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8078

Photon Major
0 Kelvin Cross Sections

81-Tl-187



— Photon Inelastic
- - - (γ, remainder)
- · - (γ, γ)

1

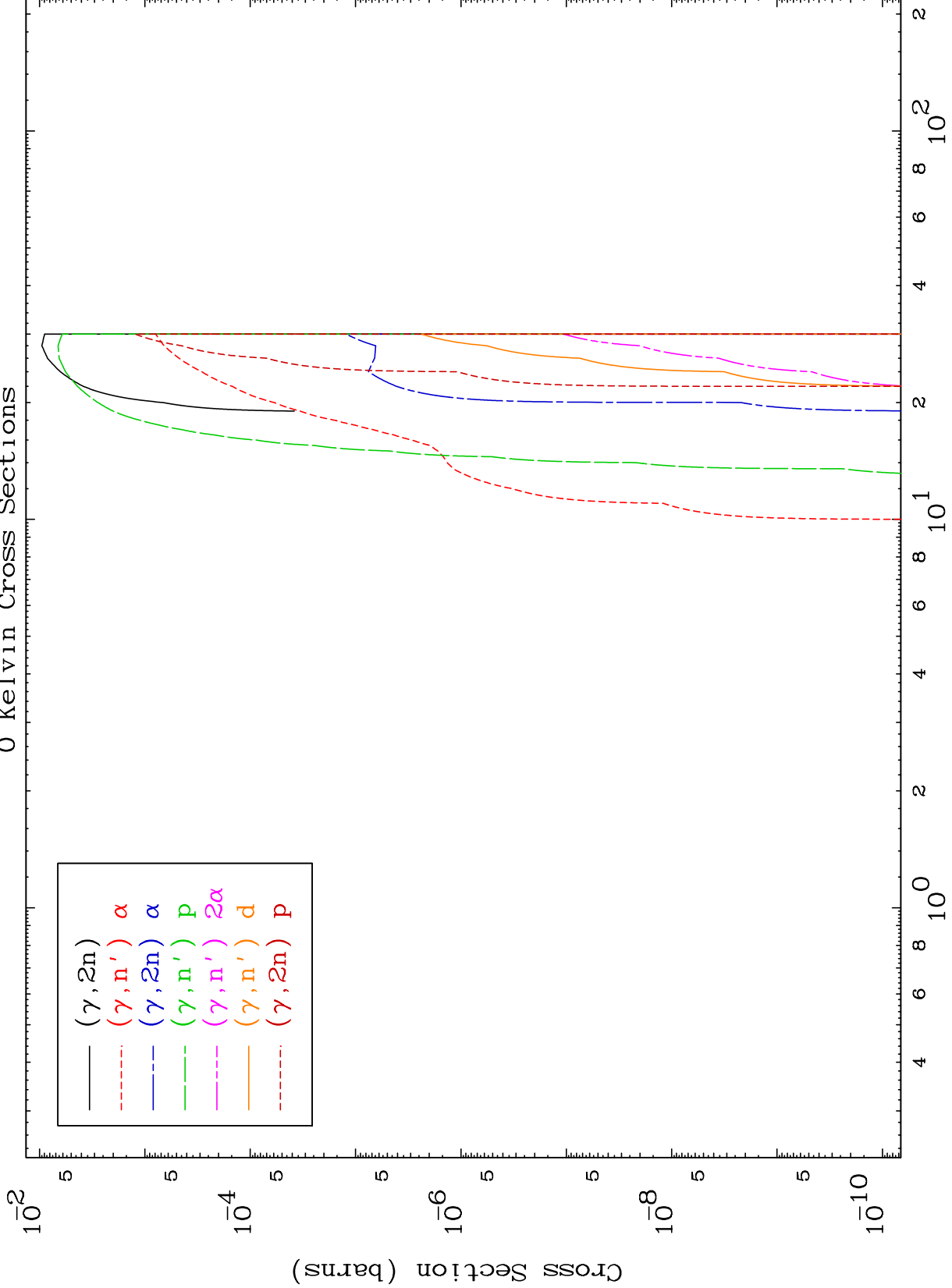
Incident Energy (MeV)

81-Tl-187

MAT 8078

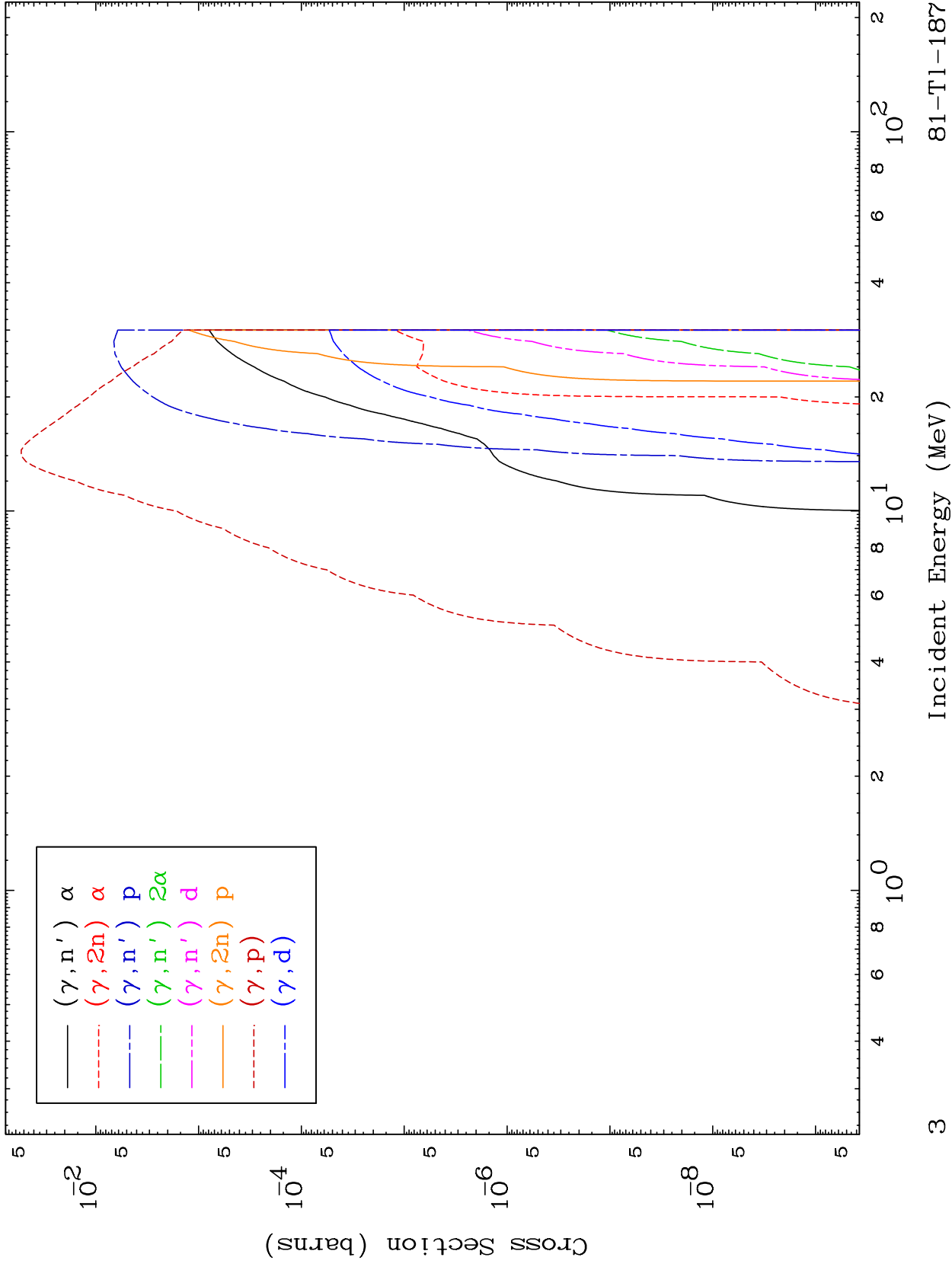
Photon Neutron Production
0 Kelvin Cross Sections

81-Tl-187



81-Tl-187

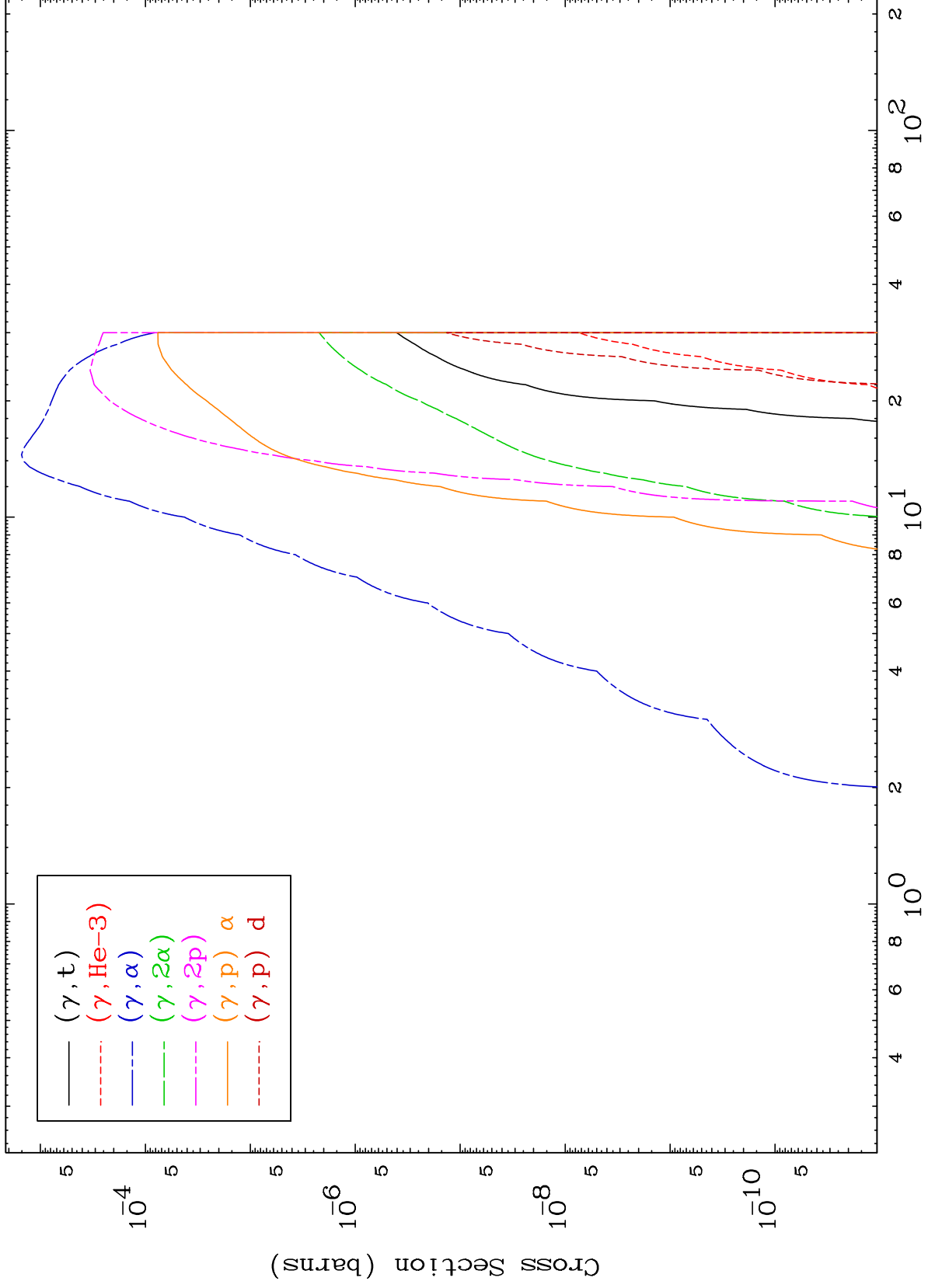
Incident Energy (MeV)



MAT 8078

Photon Charged Particle
0 Kelvin Cross Sections

81-Tl-187

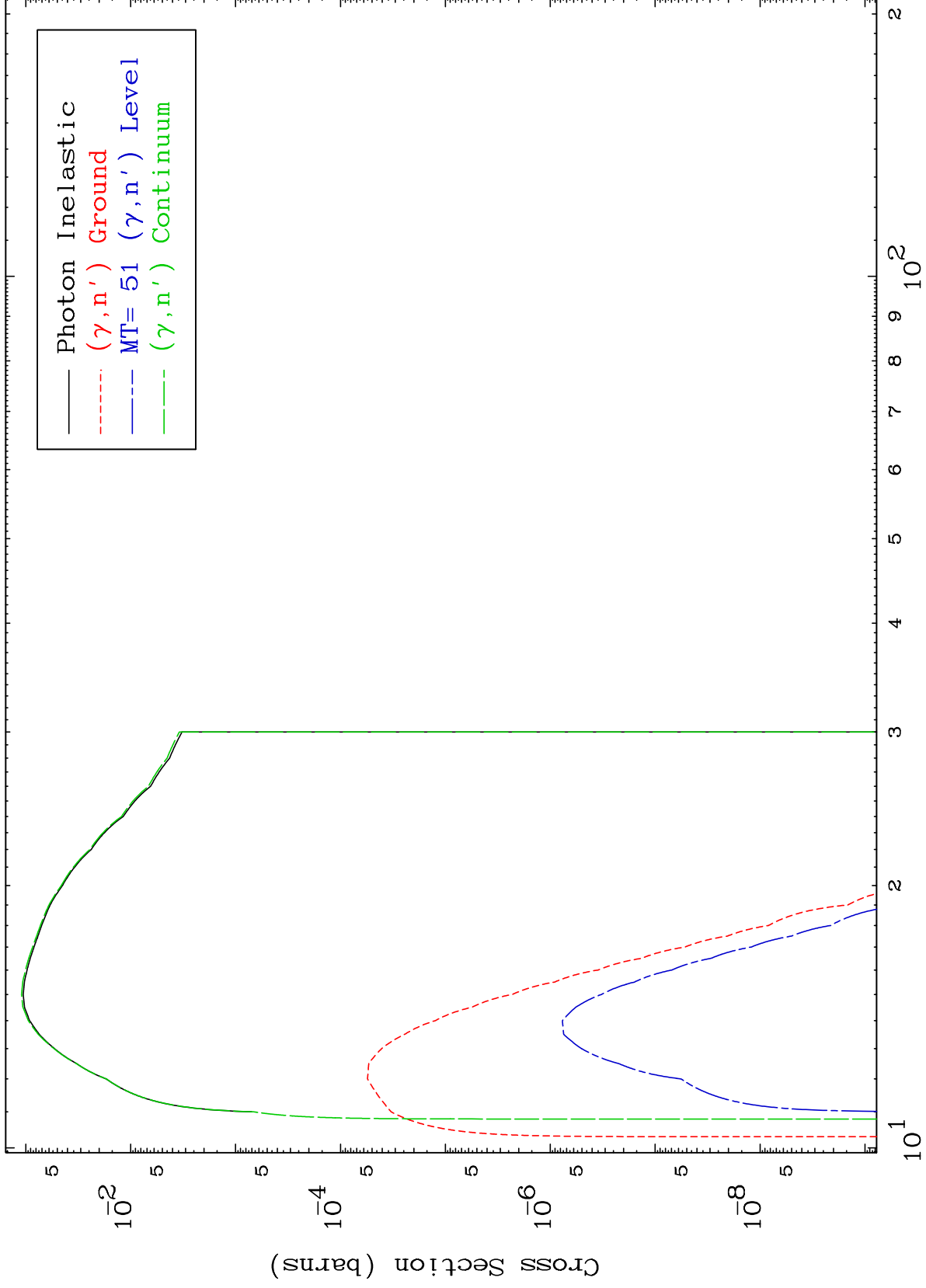


MAT 8078

(γ, n') Level

81-Tl-187

0 Kelvin Cross Sections



Incident Energy (MeV)

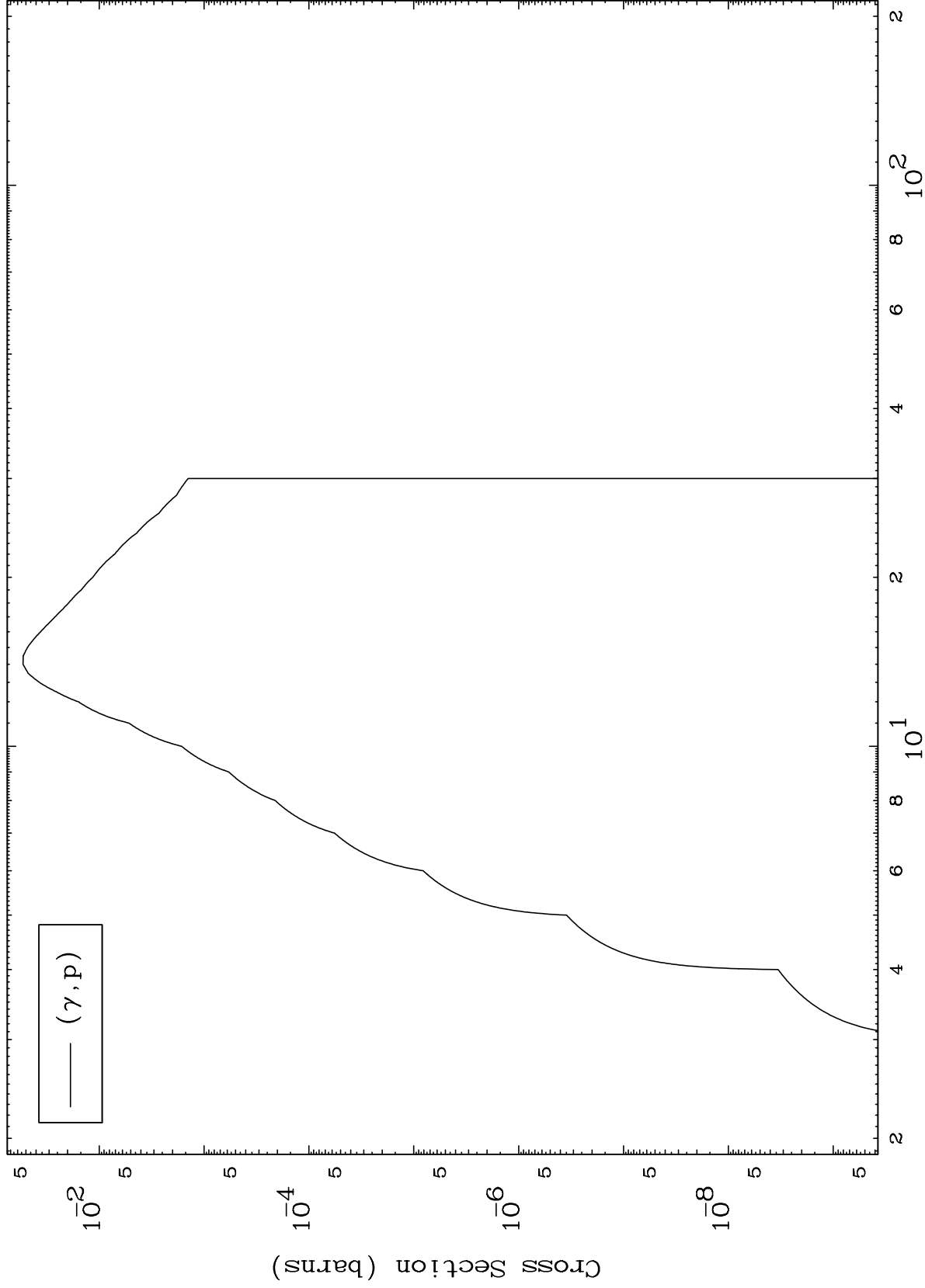
81-Tl-187

MAT 8078

(γ, p) Levels

81-Tl-187

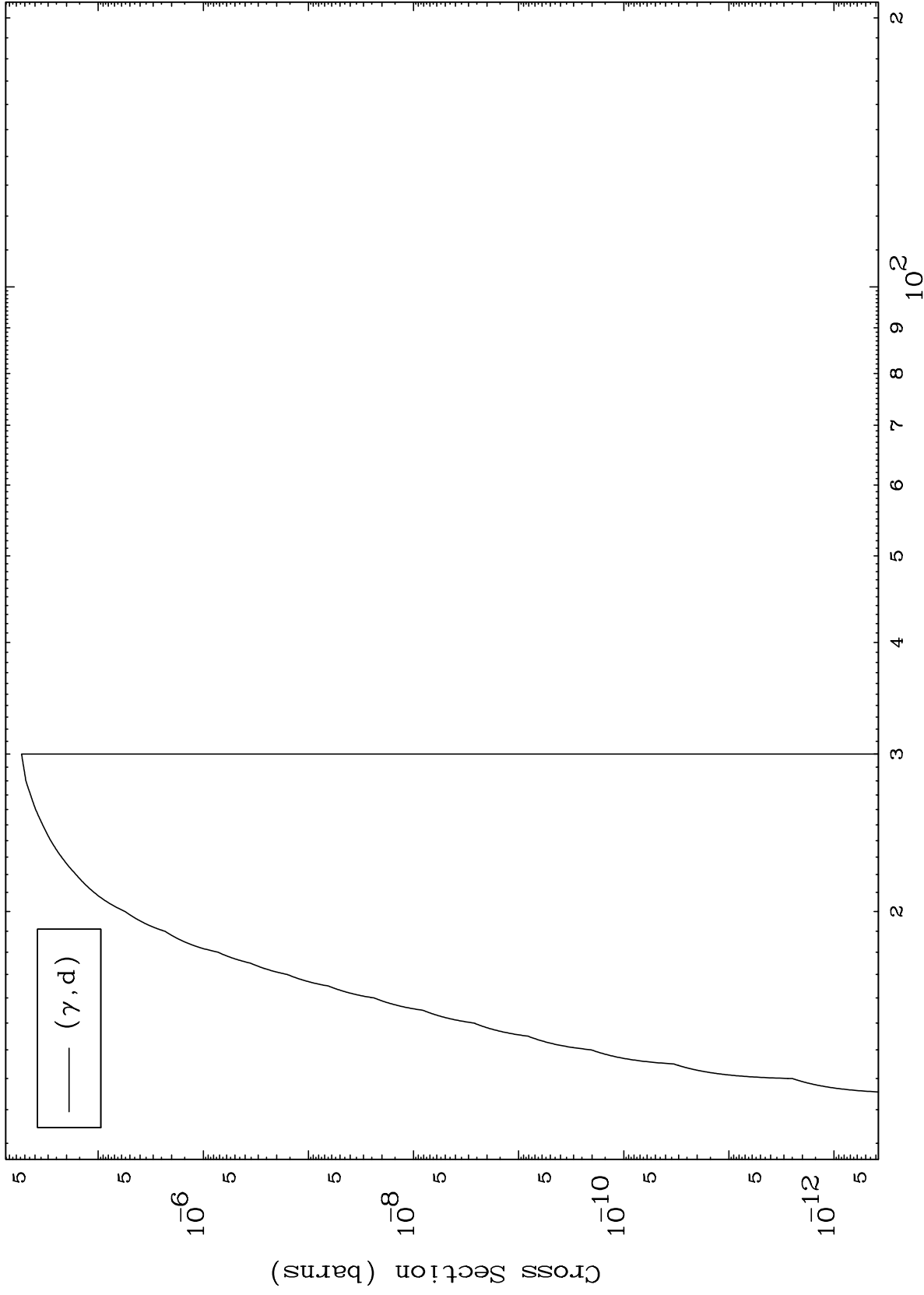
0 Kelvin Cross Sections

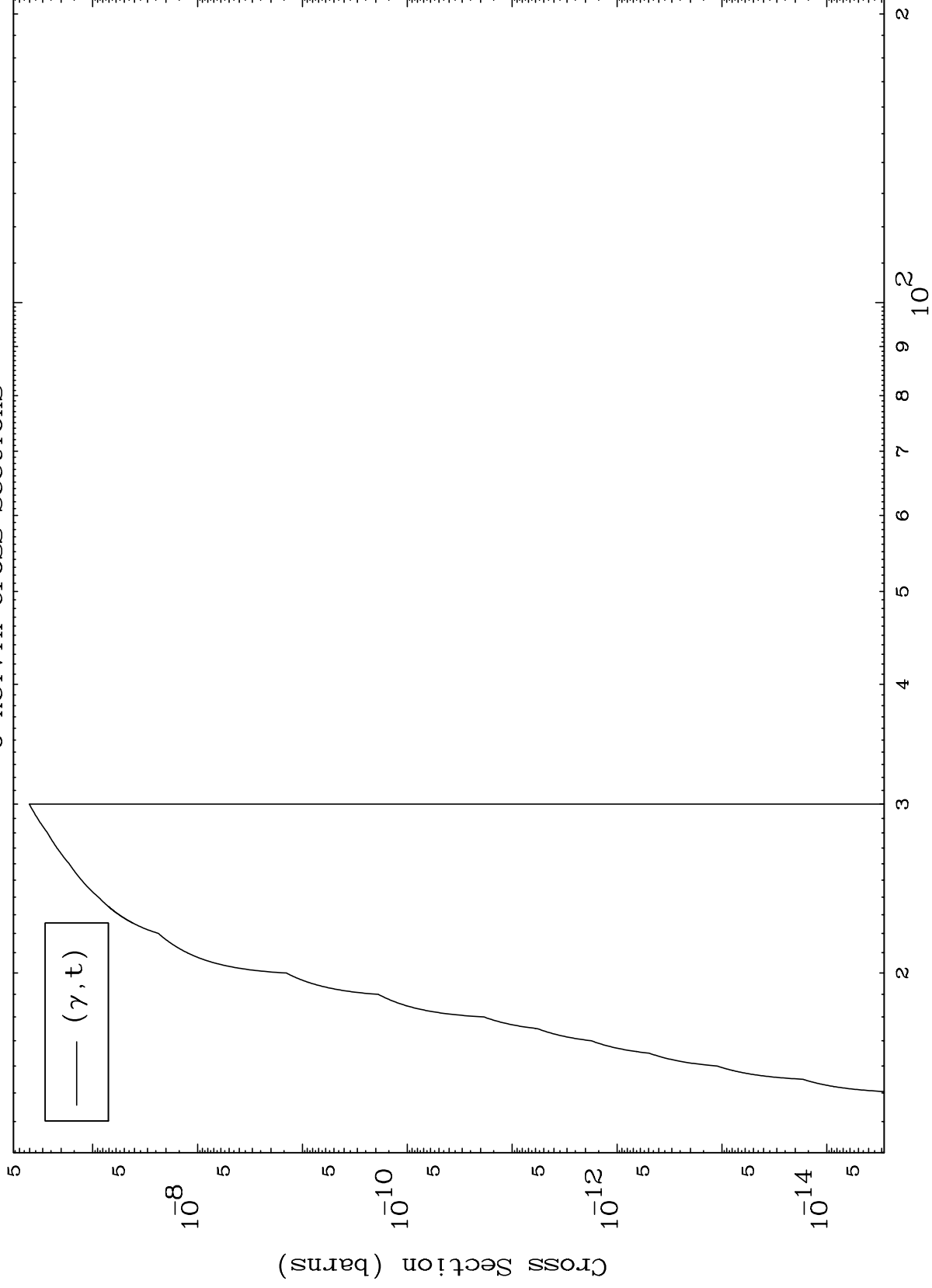


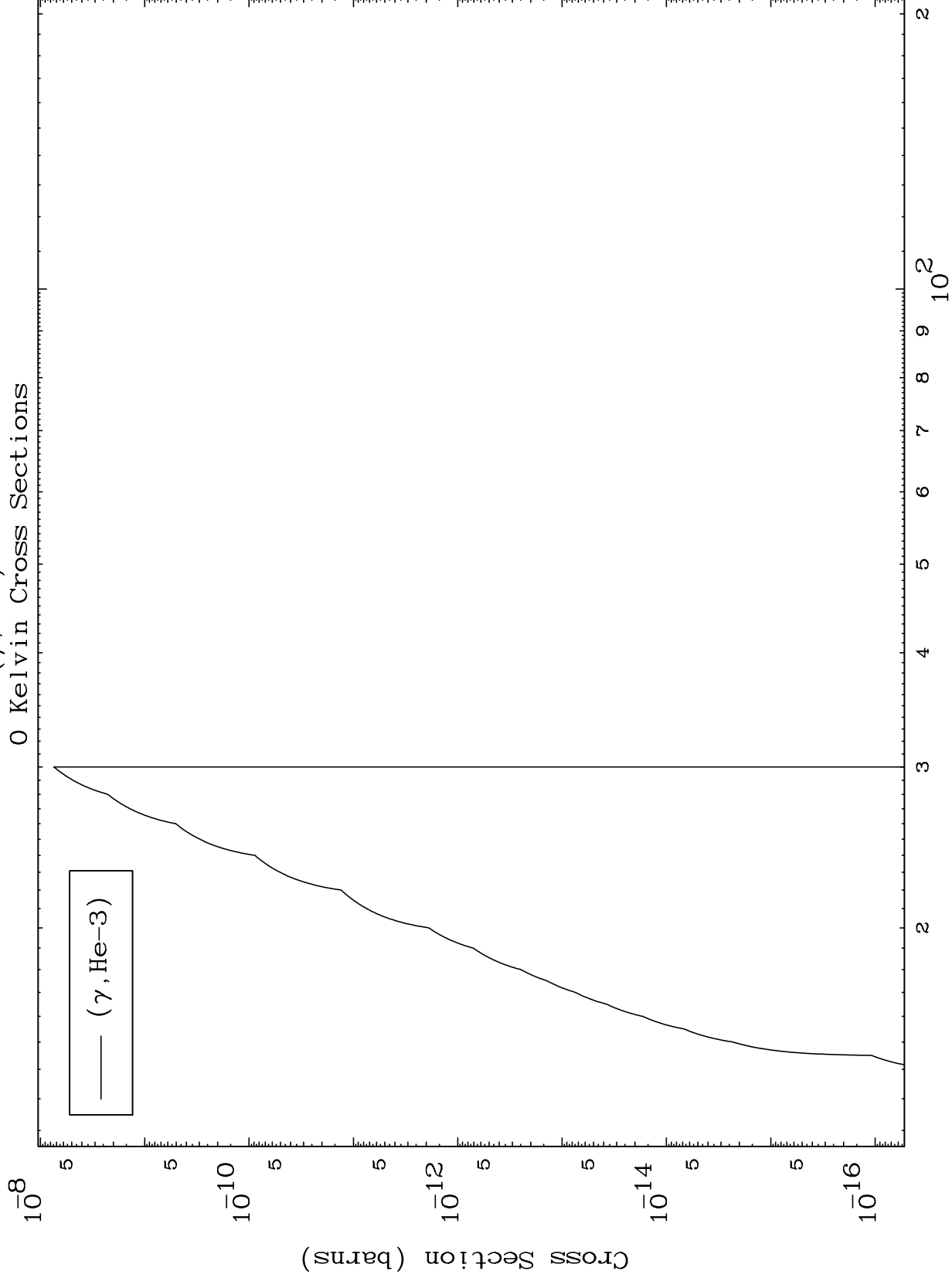
Incident Energy (MeV)

81-Tl-187

6





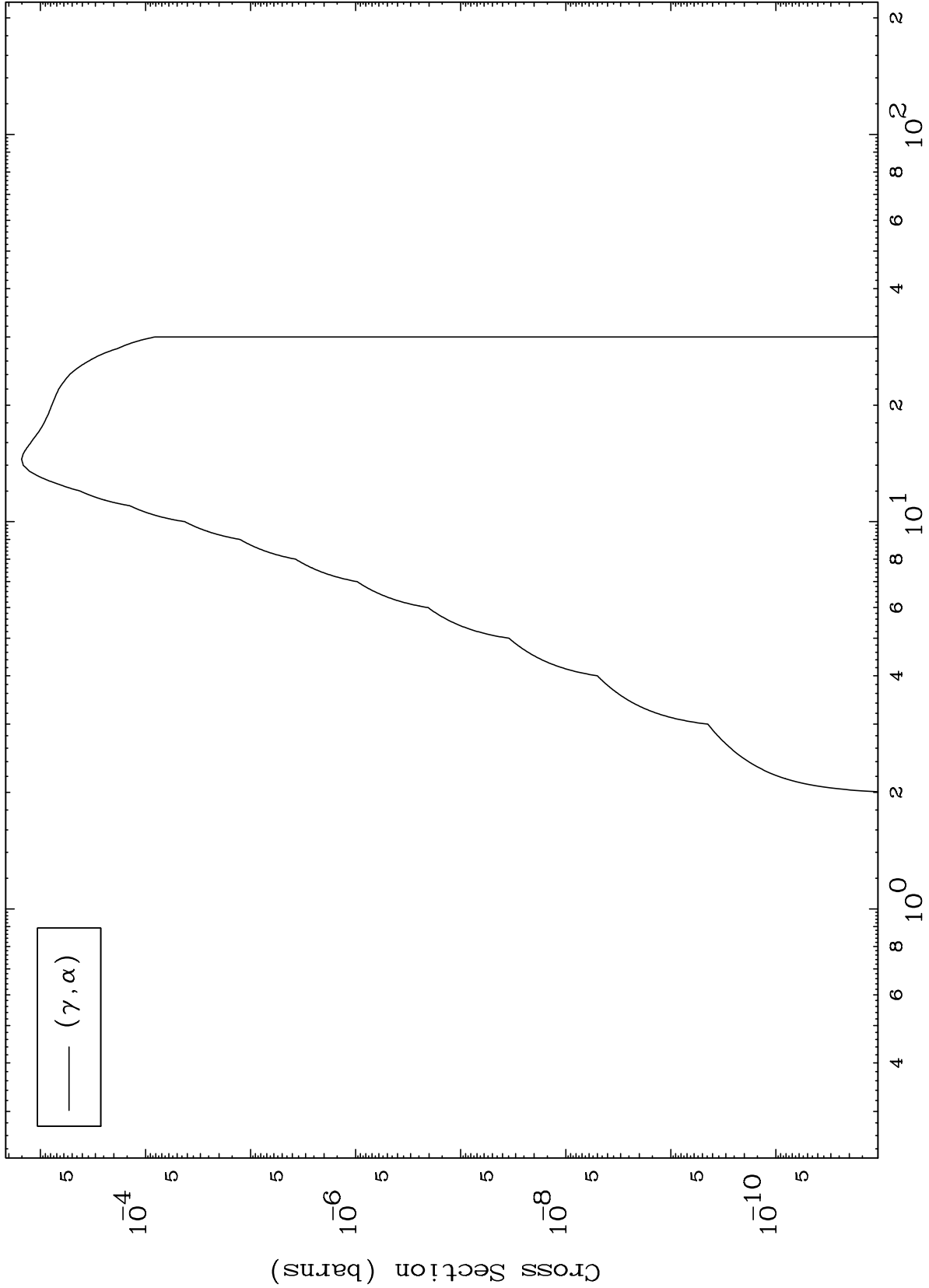


MAT 8078

(γ, α) Levels

81-Tl-187

0 Kelvin Cross Sections



10

Incident Energy (MeV)

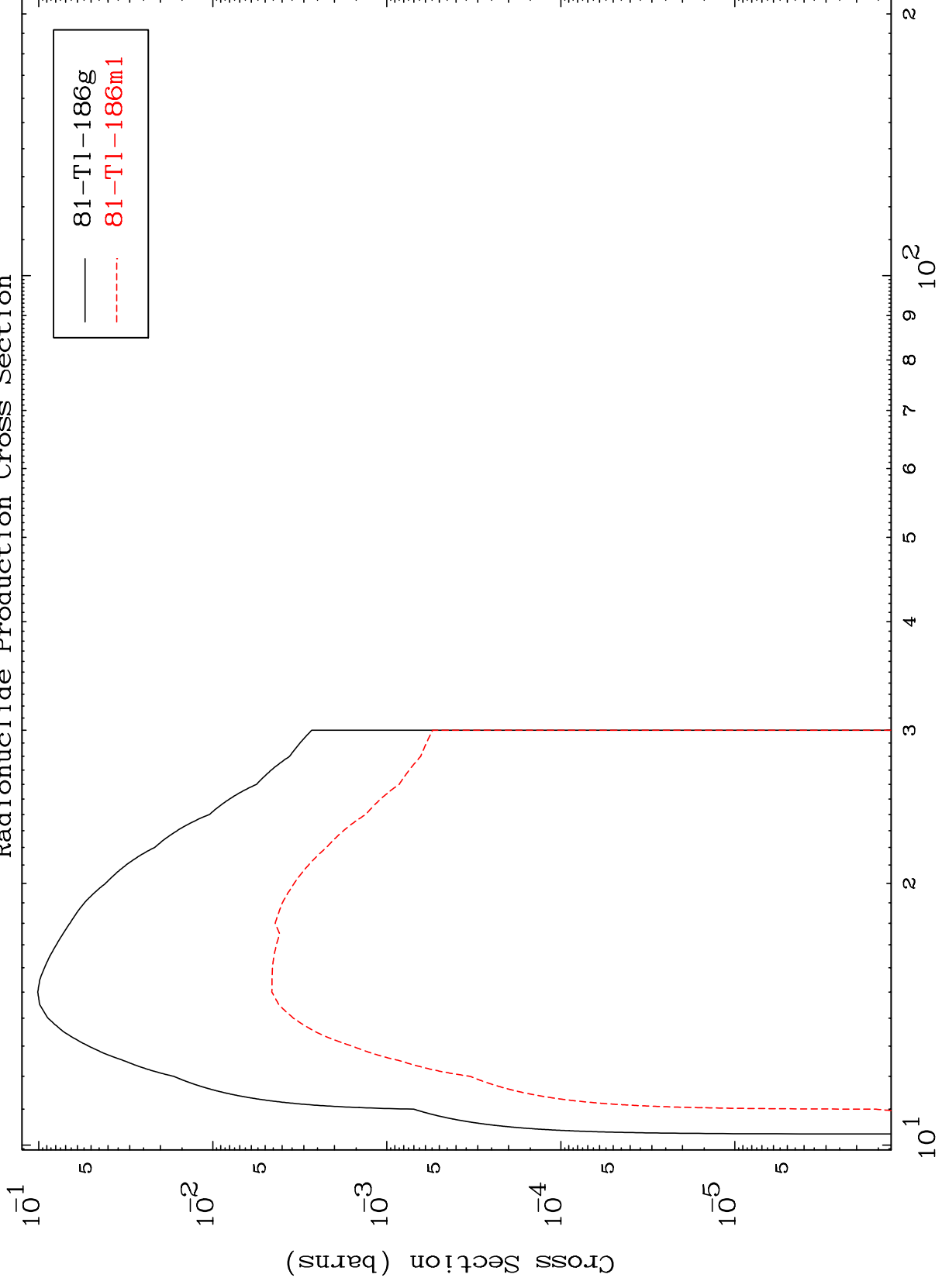
81-Tl-187

MAT 8078

Photon Inelastic

81-Tl-187

Radionuclide Production Cross Section



Incident Energy (MeV)

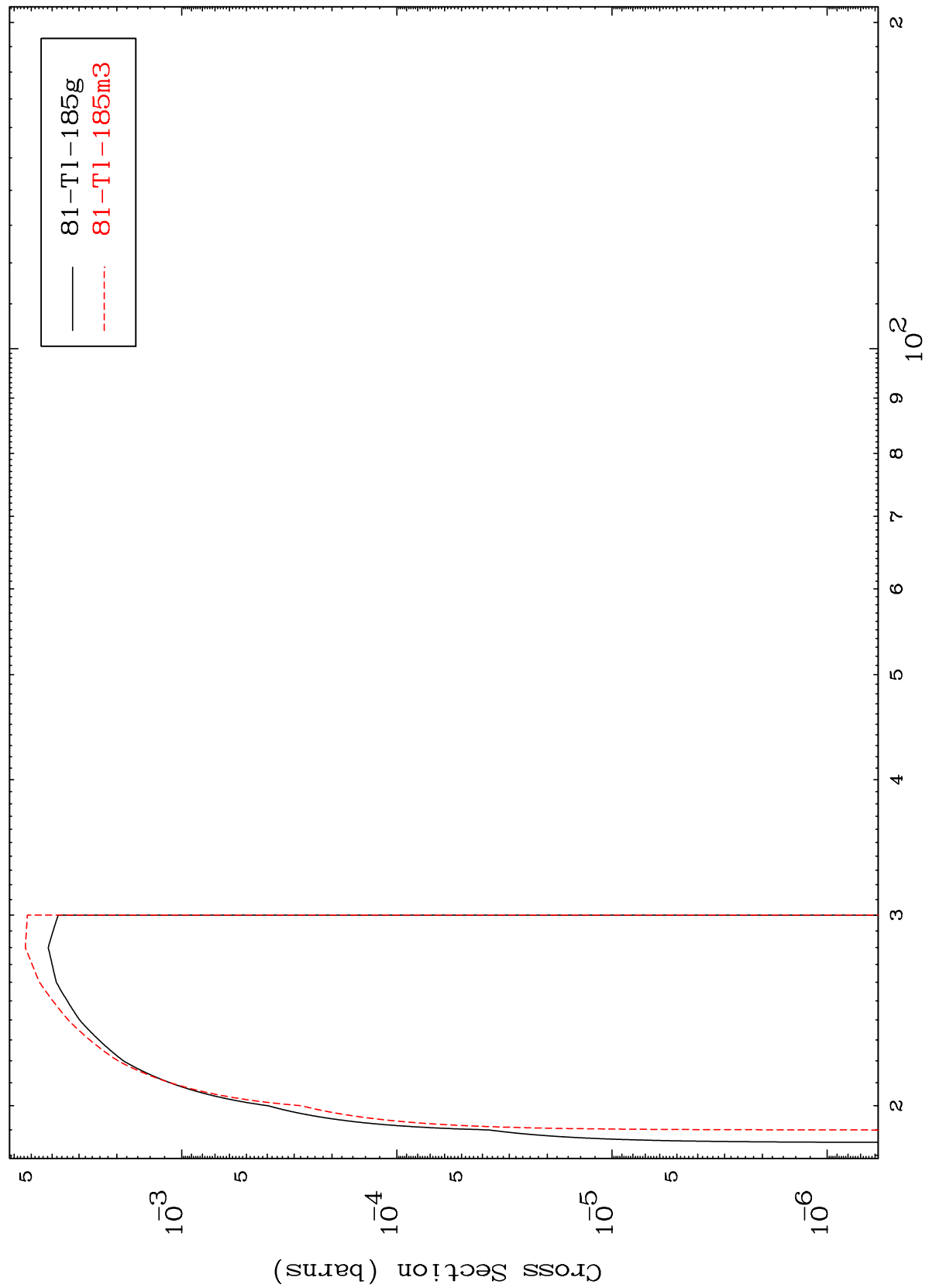
81-Tl-187

11

MAT 8078

81-Tl-187

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



12

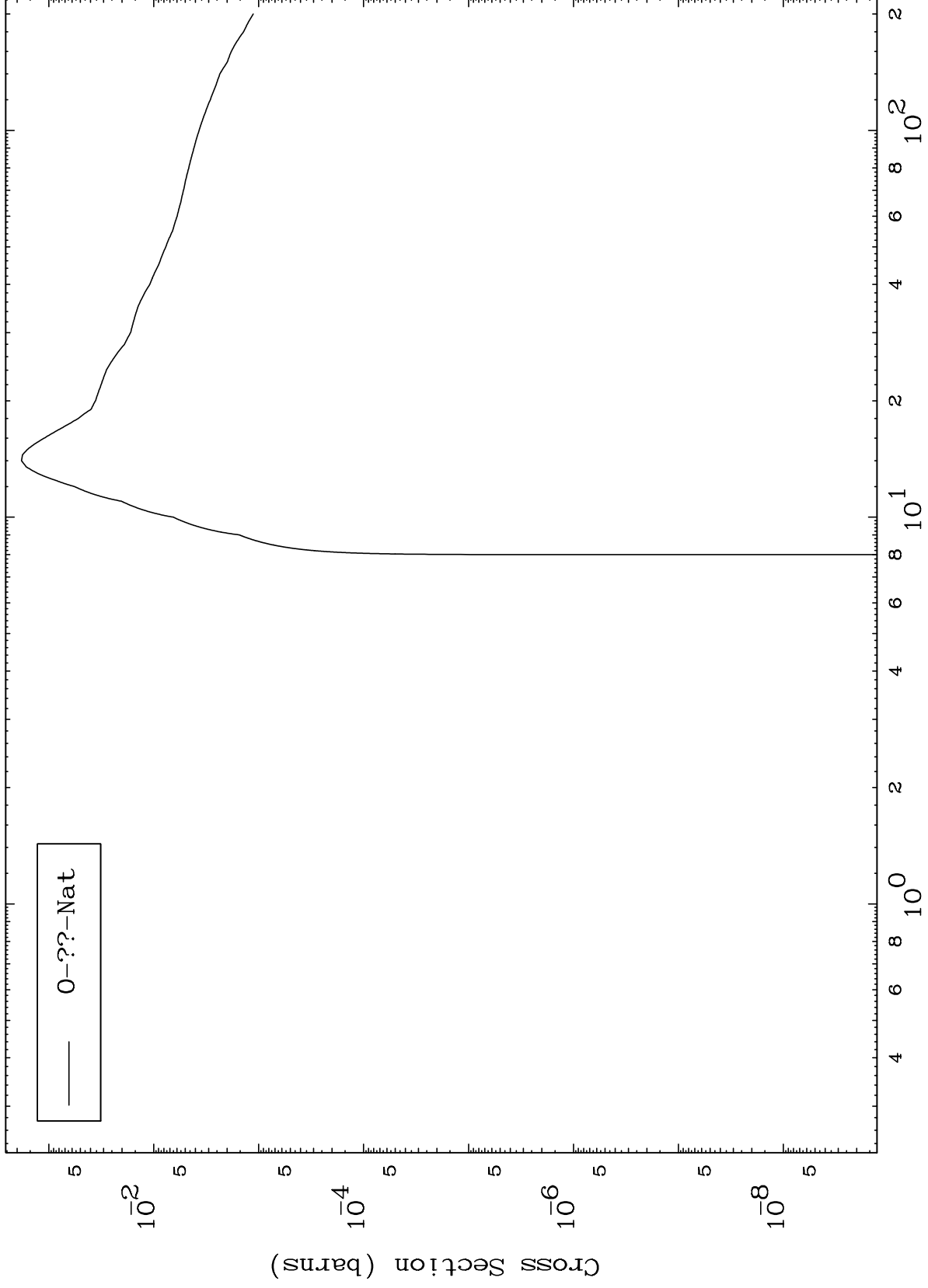
Incident Energy (MeV)

81-Tl-187

MAT 8078

81-Tl-187

Photon Fission
Radionuclide Production Cross Section

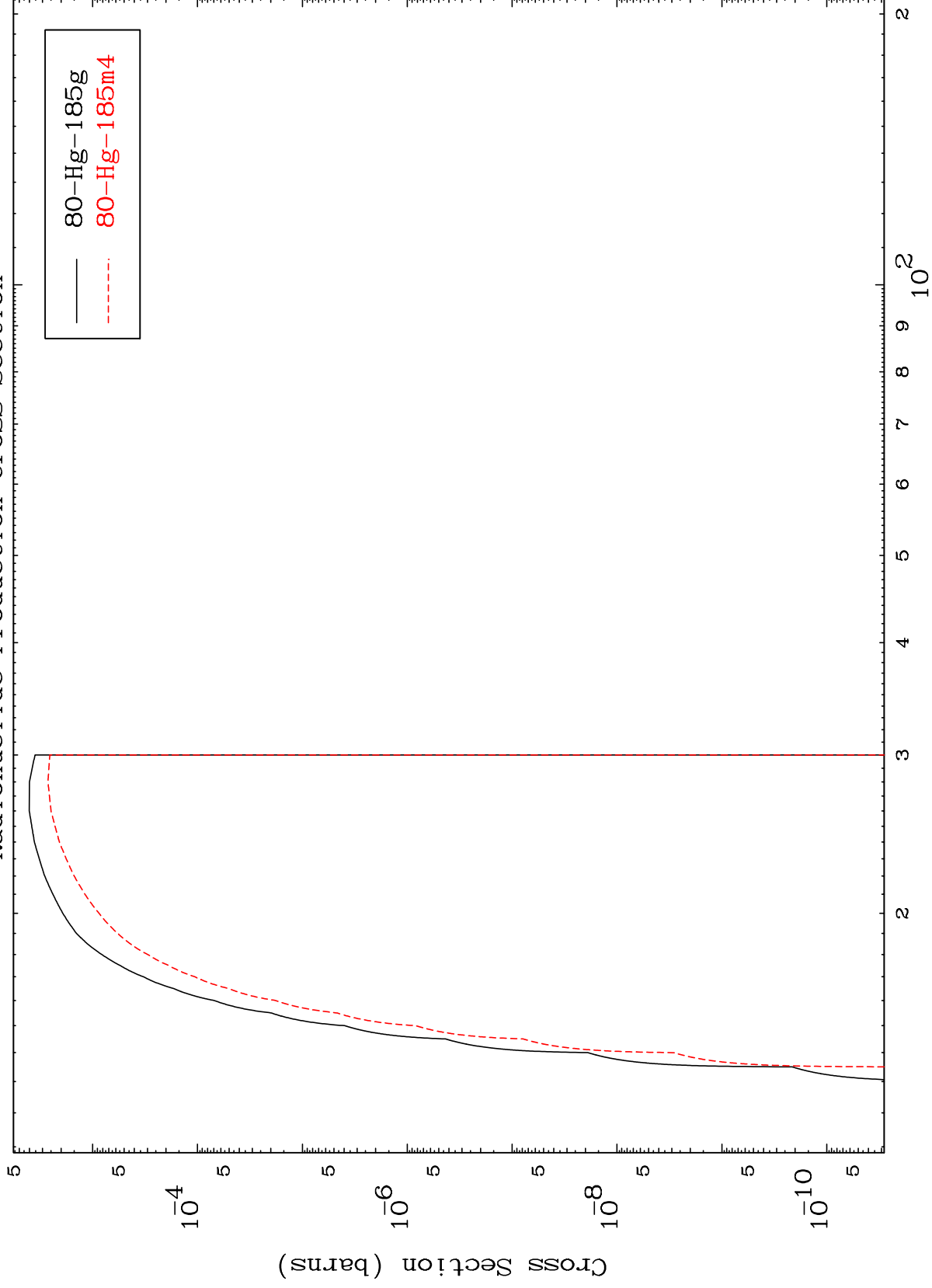


MAT 8078

(γ, n') p

81-Tl-187

Radionuclide Production Cross Section

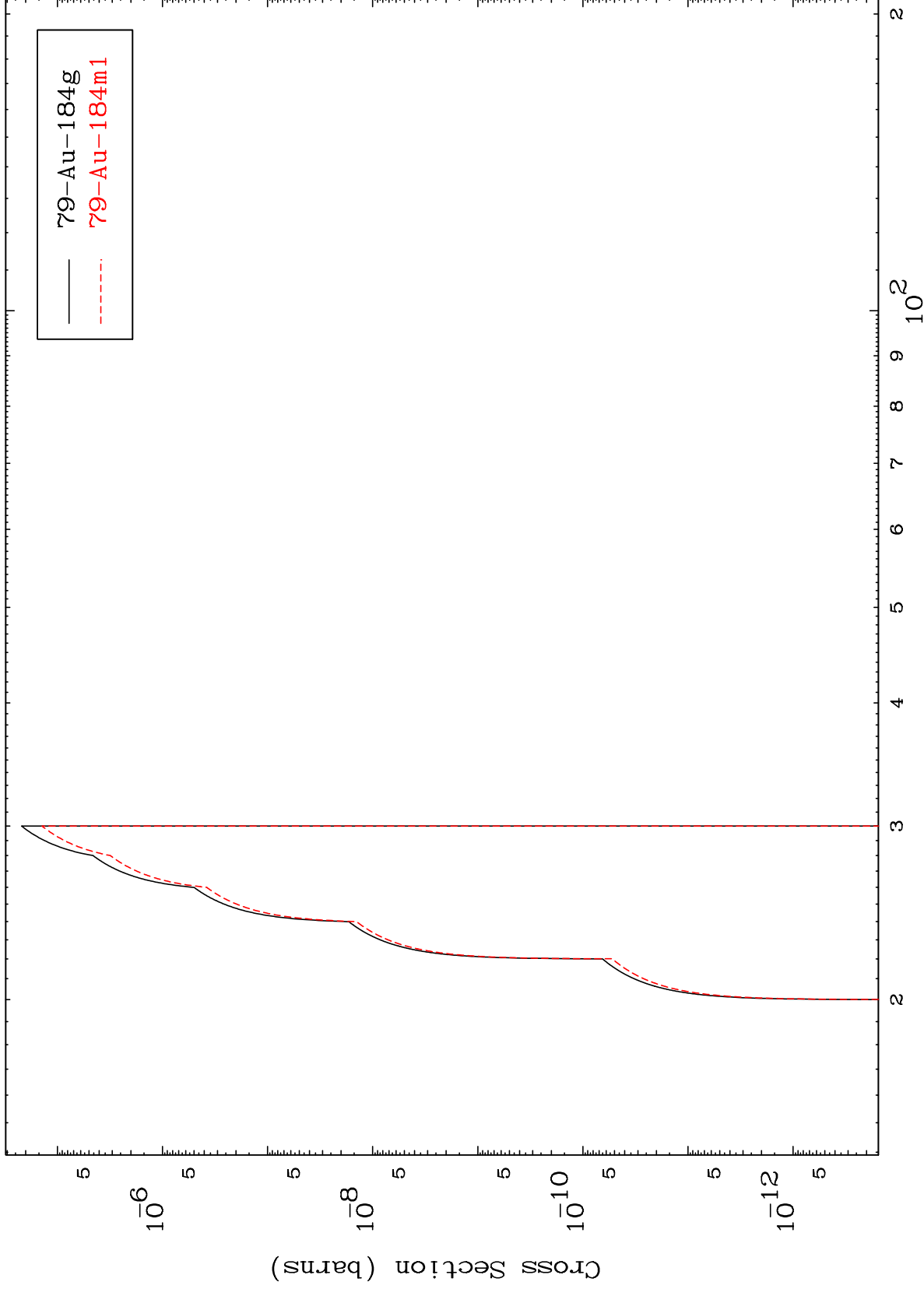


14

Incident Energy (MeV)

81-Tl-187

Radionuclide Production Cross Section

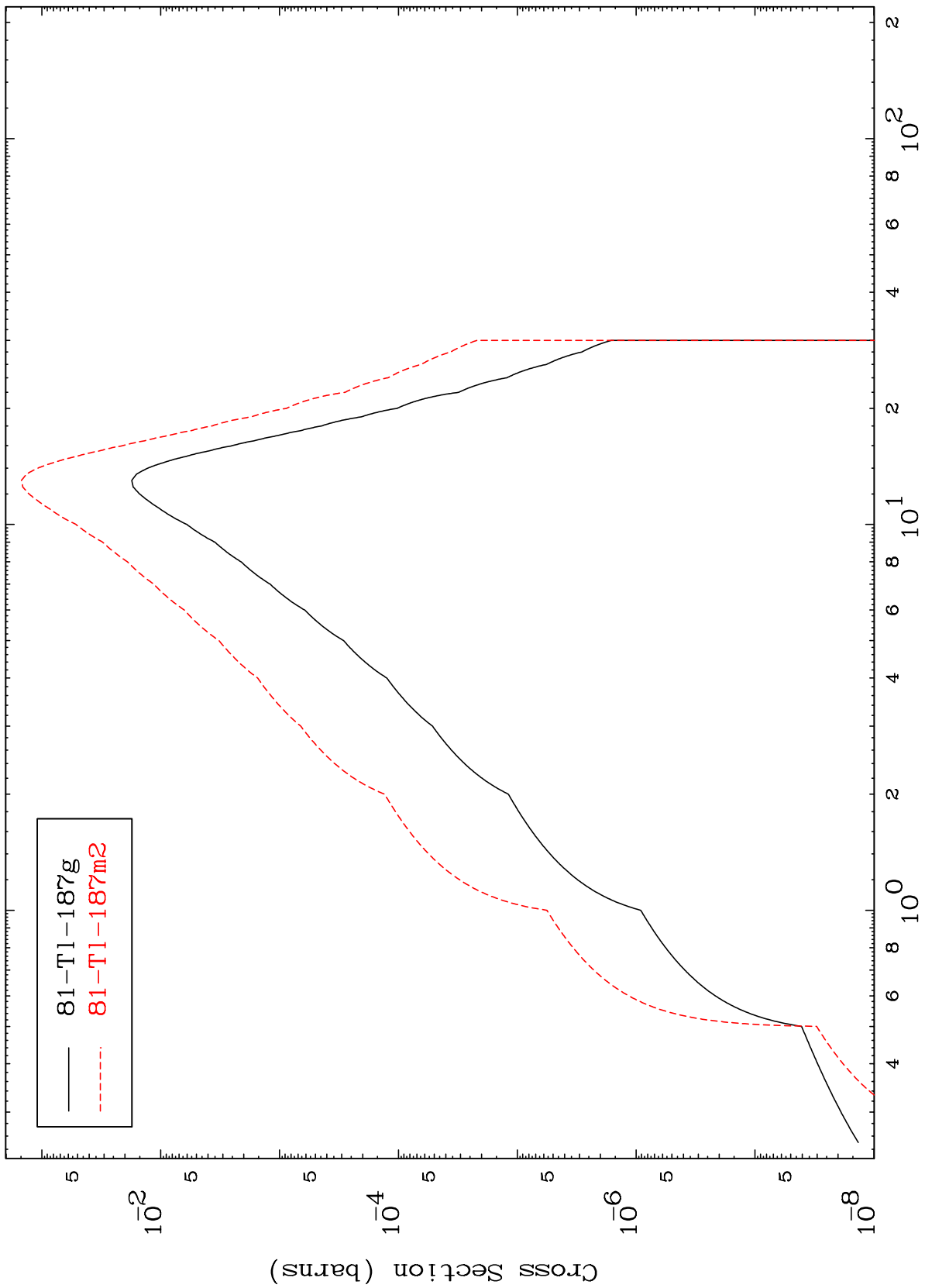


MAT 8078

81-Tl-187

Radionuclide Production Cross Section

(γ, γ)



16

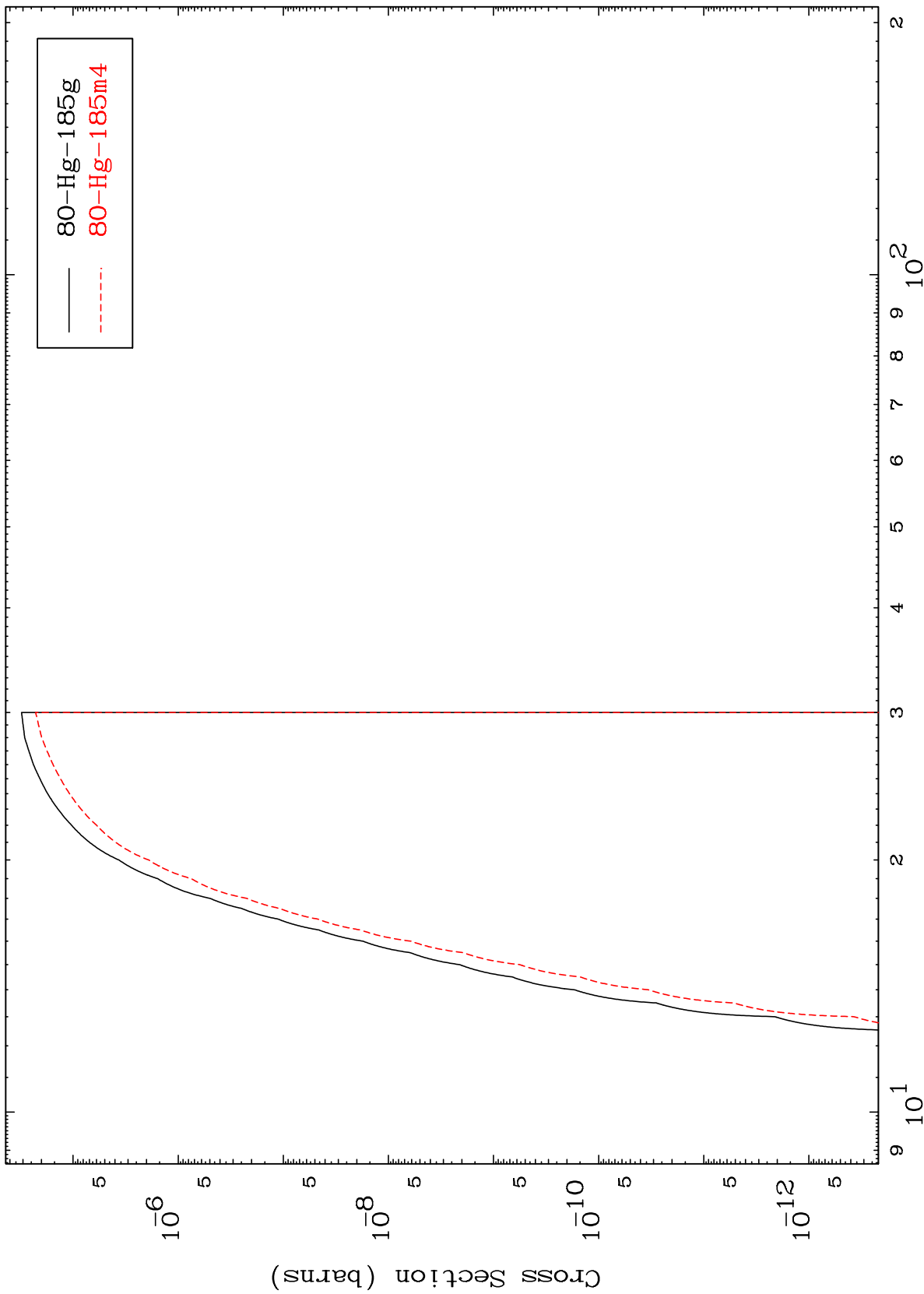
Incident Energy (MeV)

81-Tl-187

MAT 8078

81-Tl-187

(γ, d)
Radionuclide Production Cross Section



81-Tl-187

Incident Energy (MeV)

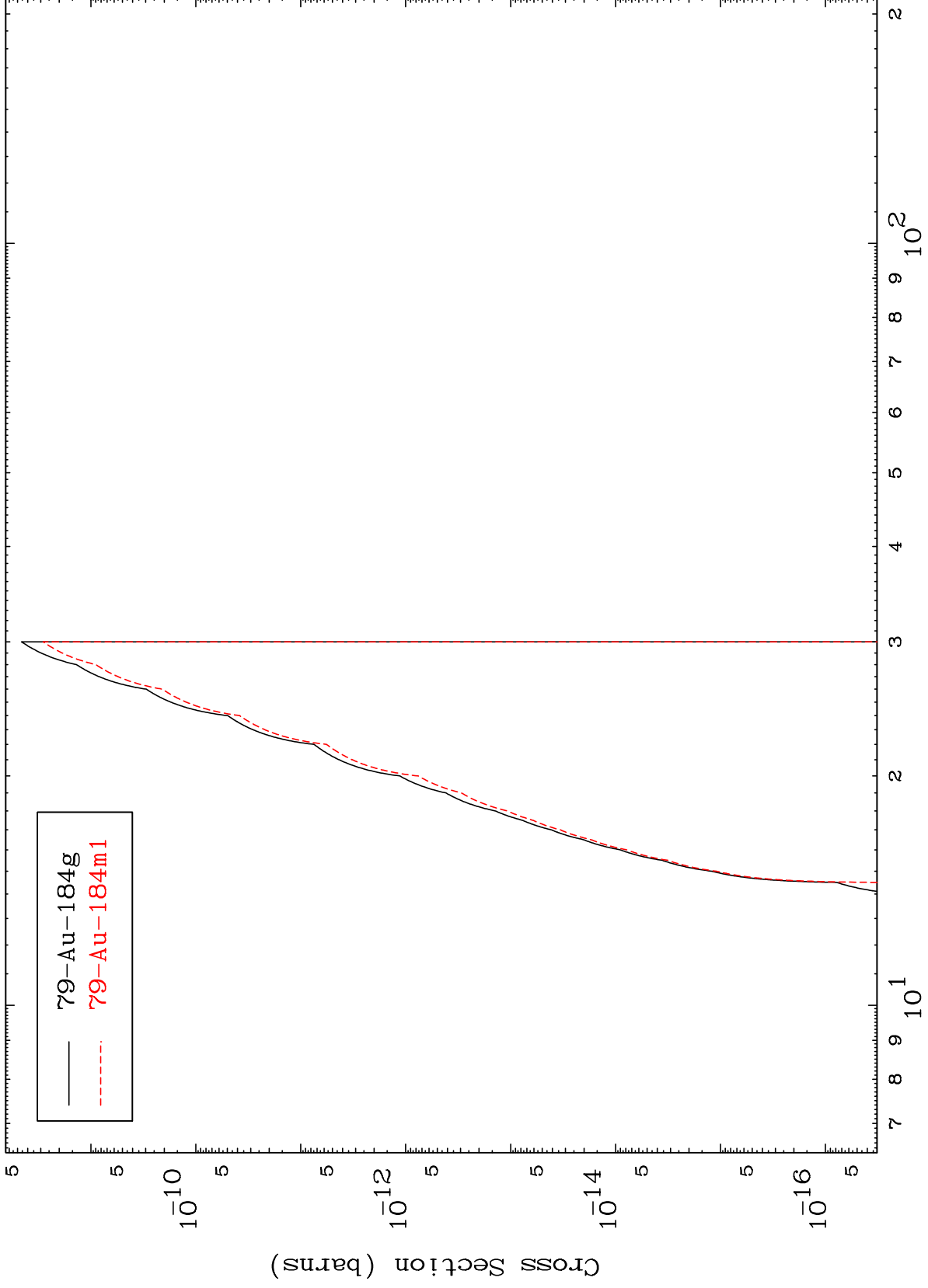
17

MAT 8078

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

81-Tl-187

Radionuclide Production Cross Section



18

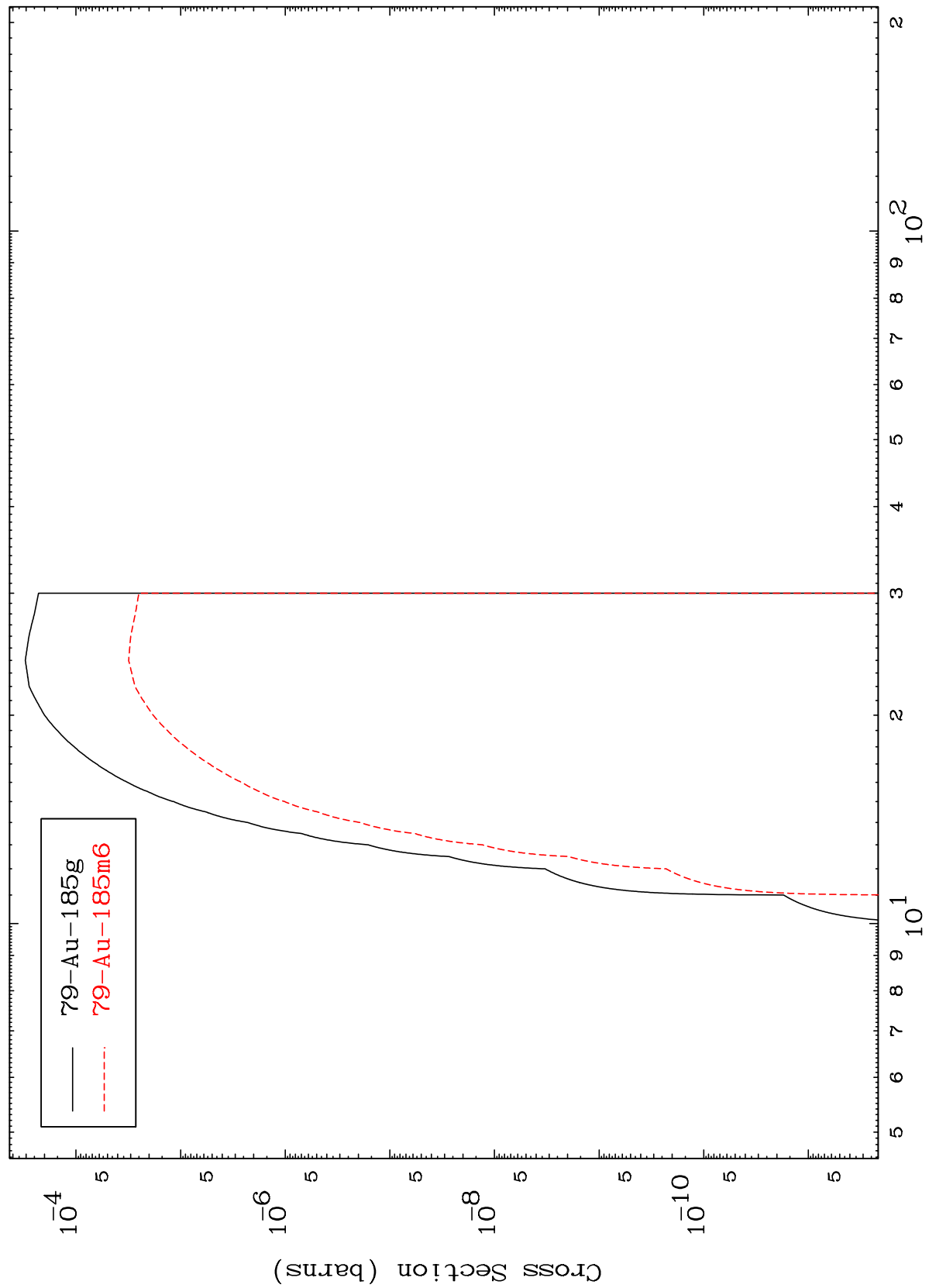
Incident Energy (MeV)

81-Tl-187

MAT 8078

81-Tl-187

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



19

Incident Energy (MeV)

81-Tl-187

Radionuclide Production Cross Section

