

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

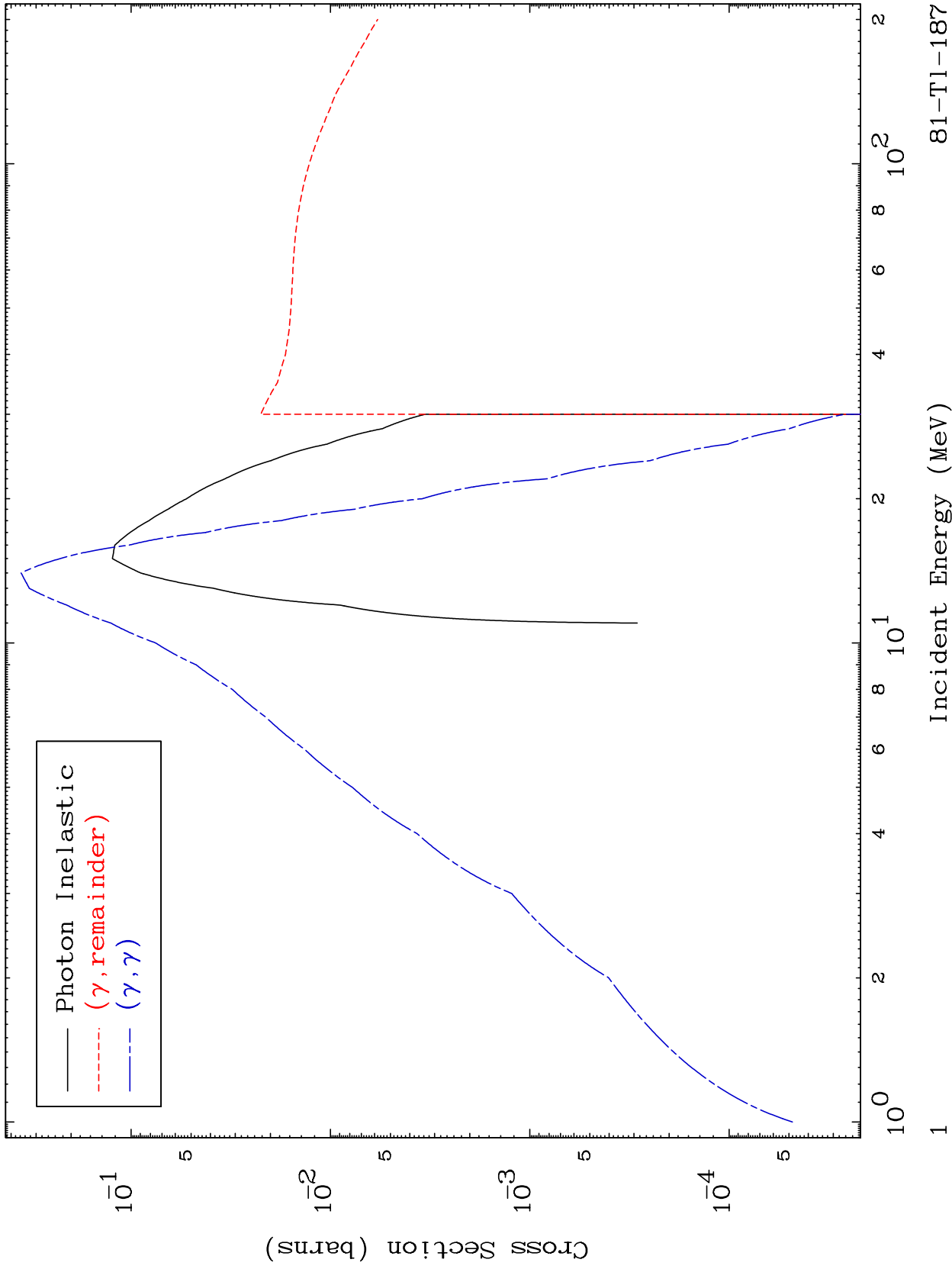
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8077

Photon Major
0 Kelvin Cross Sections

81-Tl-187

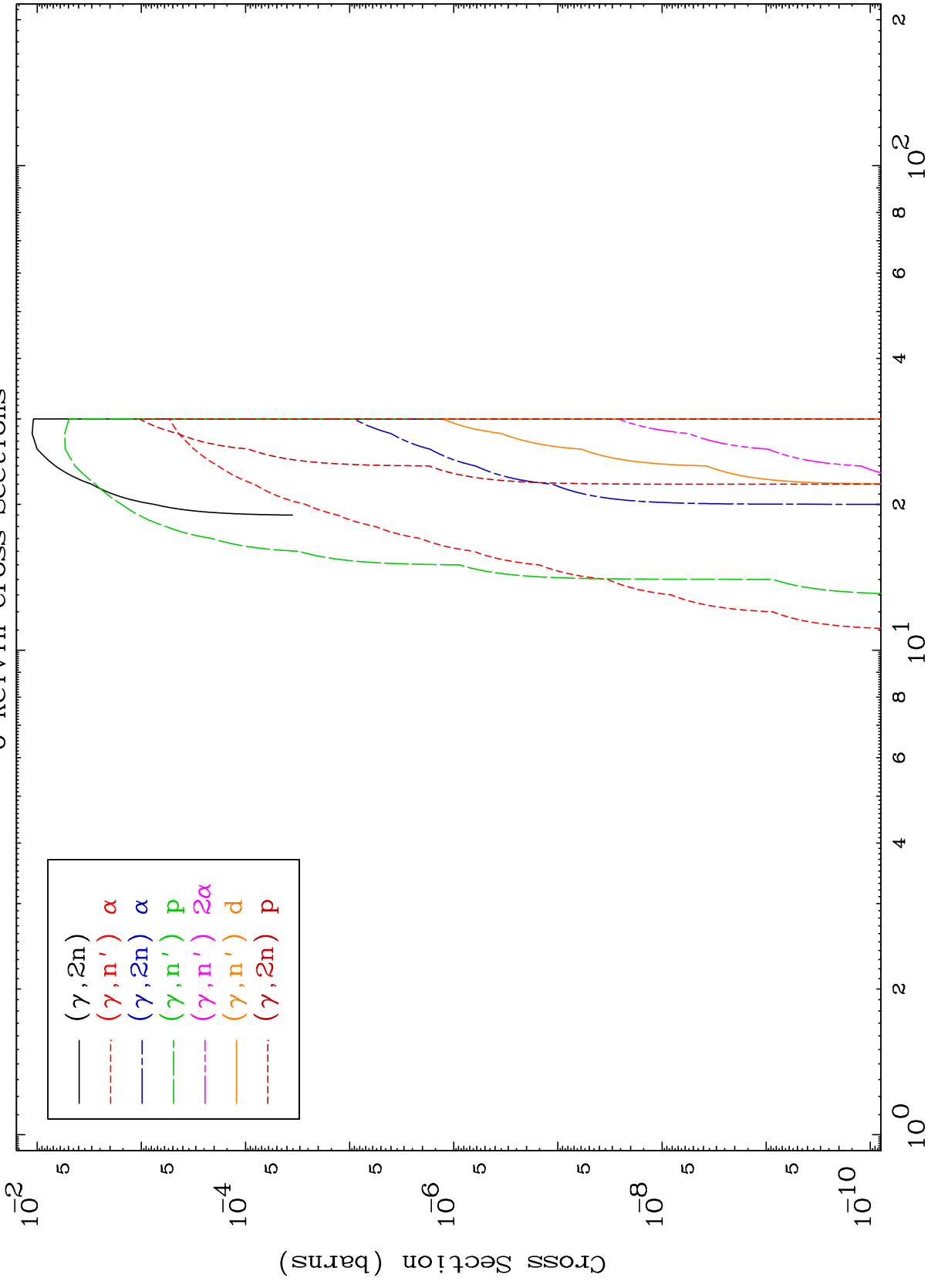


81-Tl-187

MAT 8077

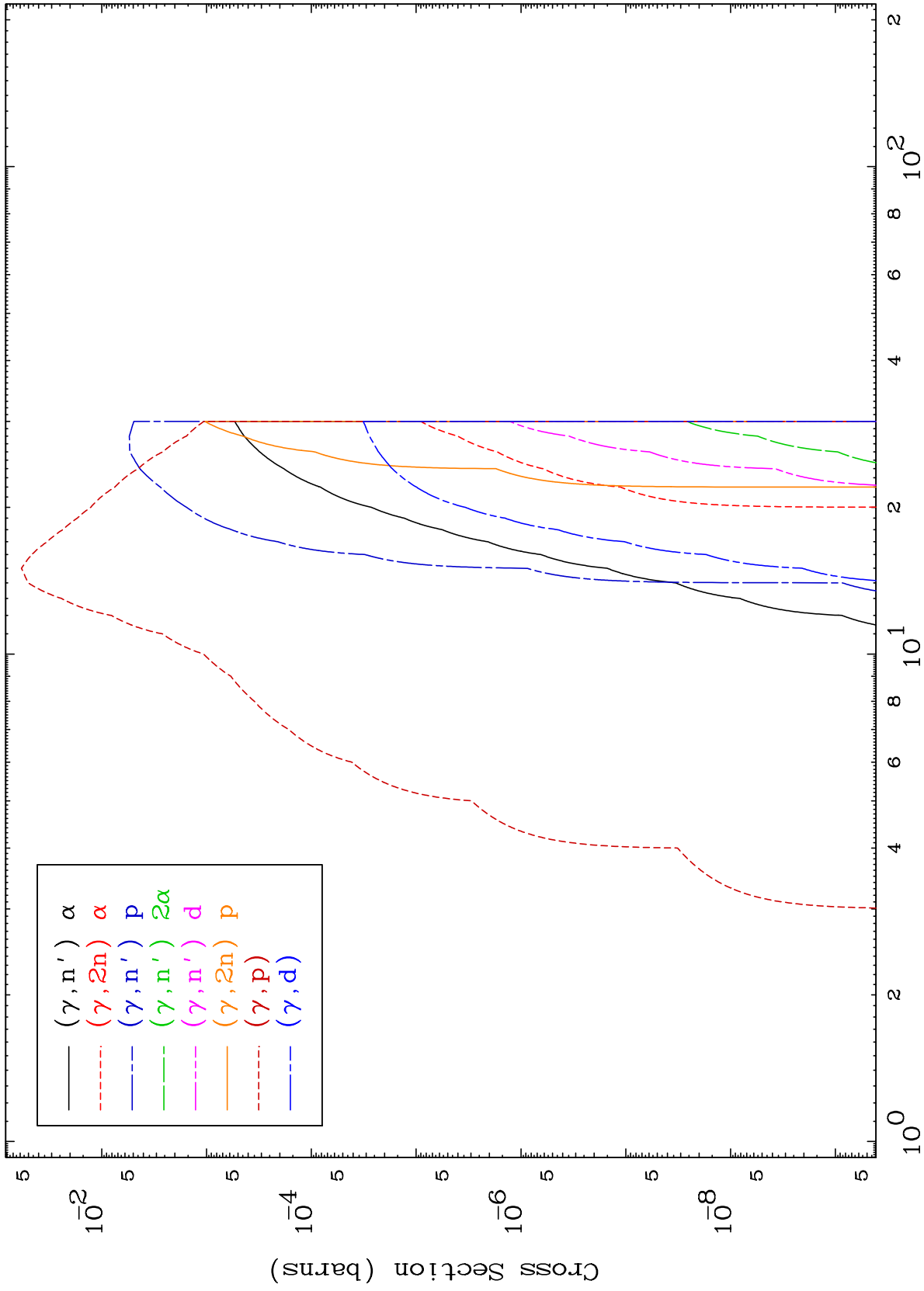
Photon Neutron Production
0 Kelvin Cross Sections

81-Tl-187



Incident Energy (MeV)

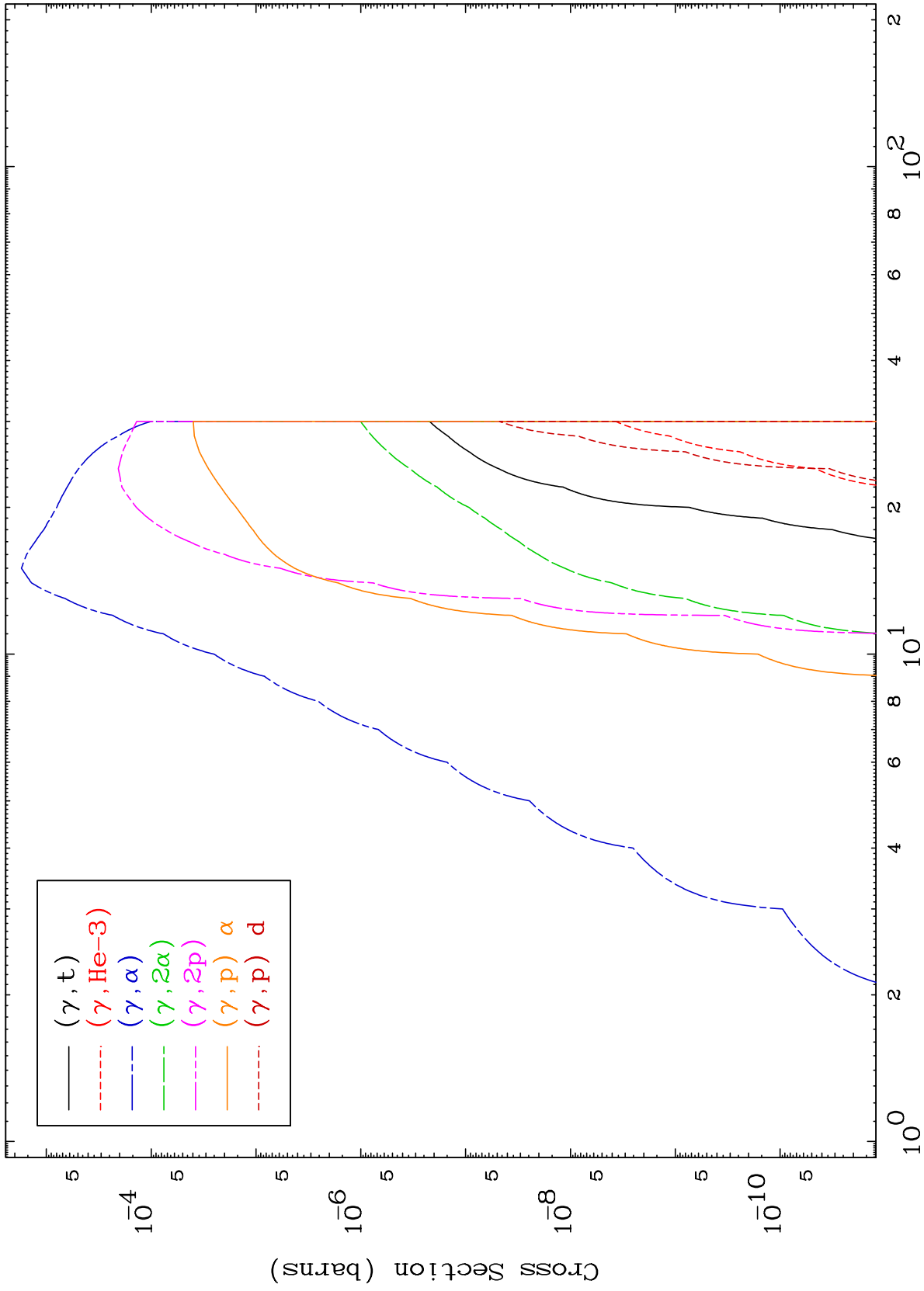
81-Tl-187



MAT 8077

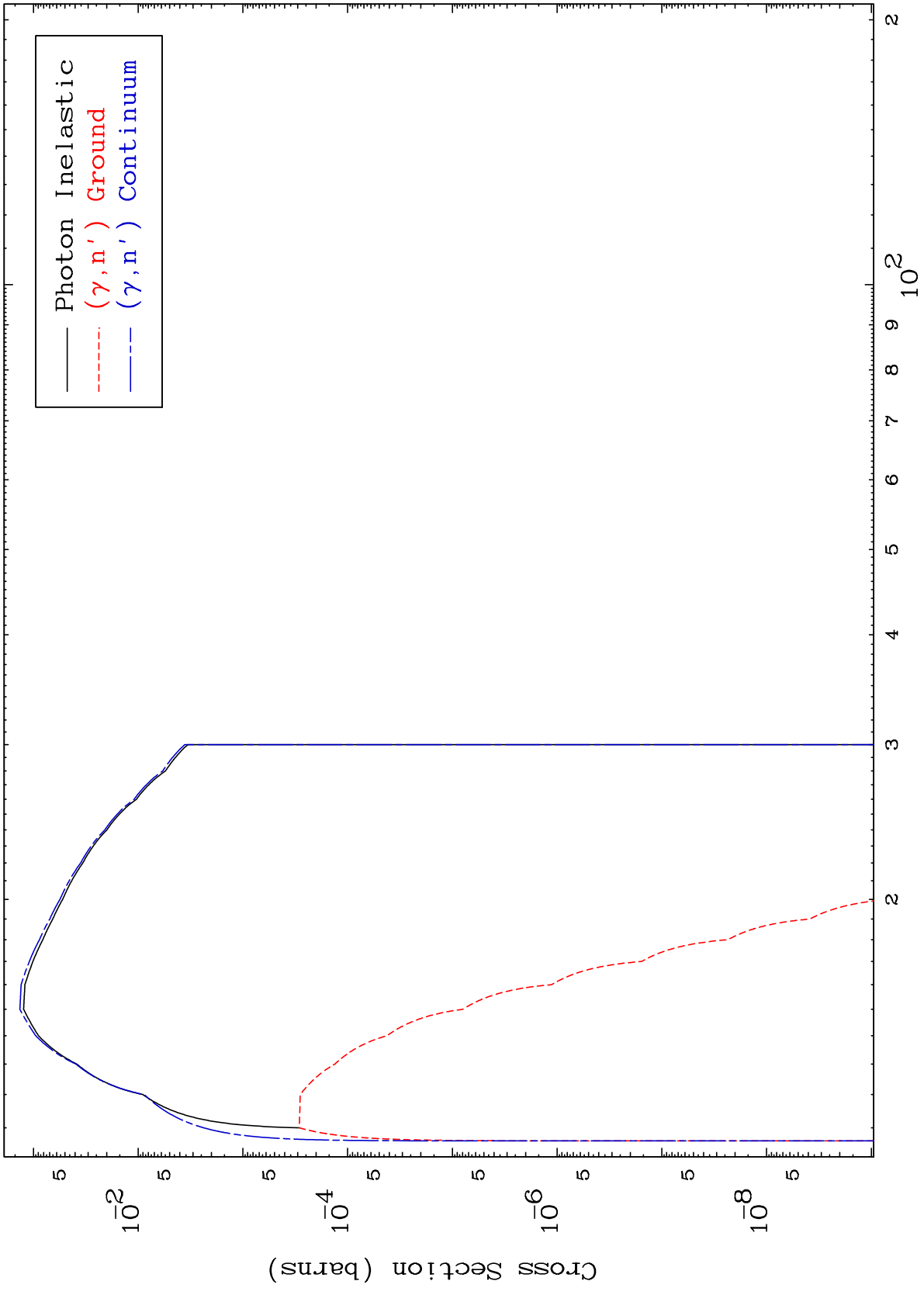
Photon Charged Particle
0 Kelvin Cross Sections

81-Tl-187



Incident Energy (MeV)

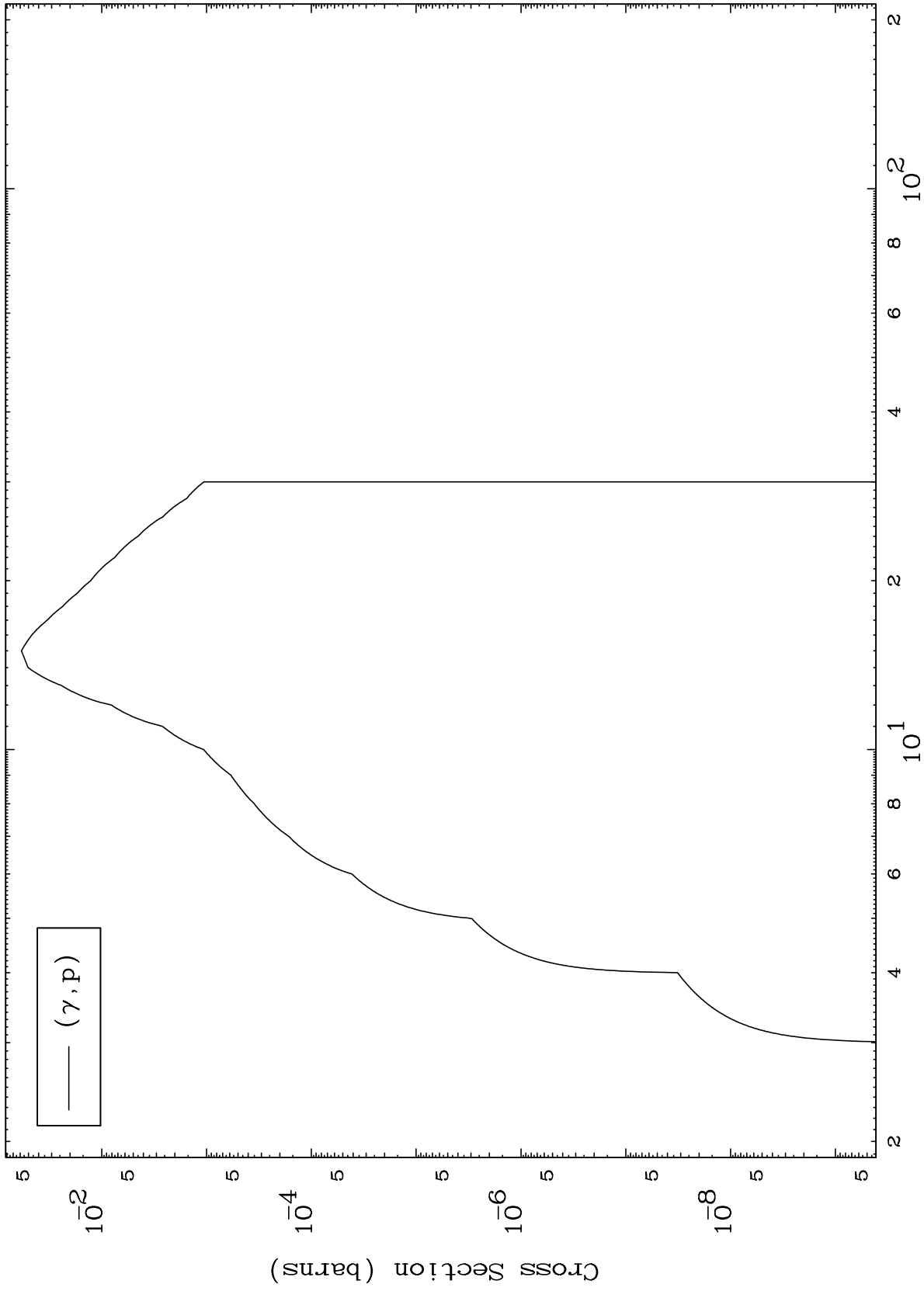
81-Tl-187



MAT 8077

(γ, p) Levels
0 Kelvin Cross Sections

81-Tl-187



6

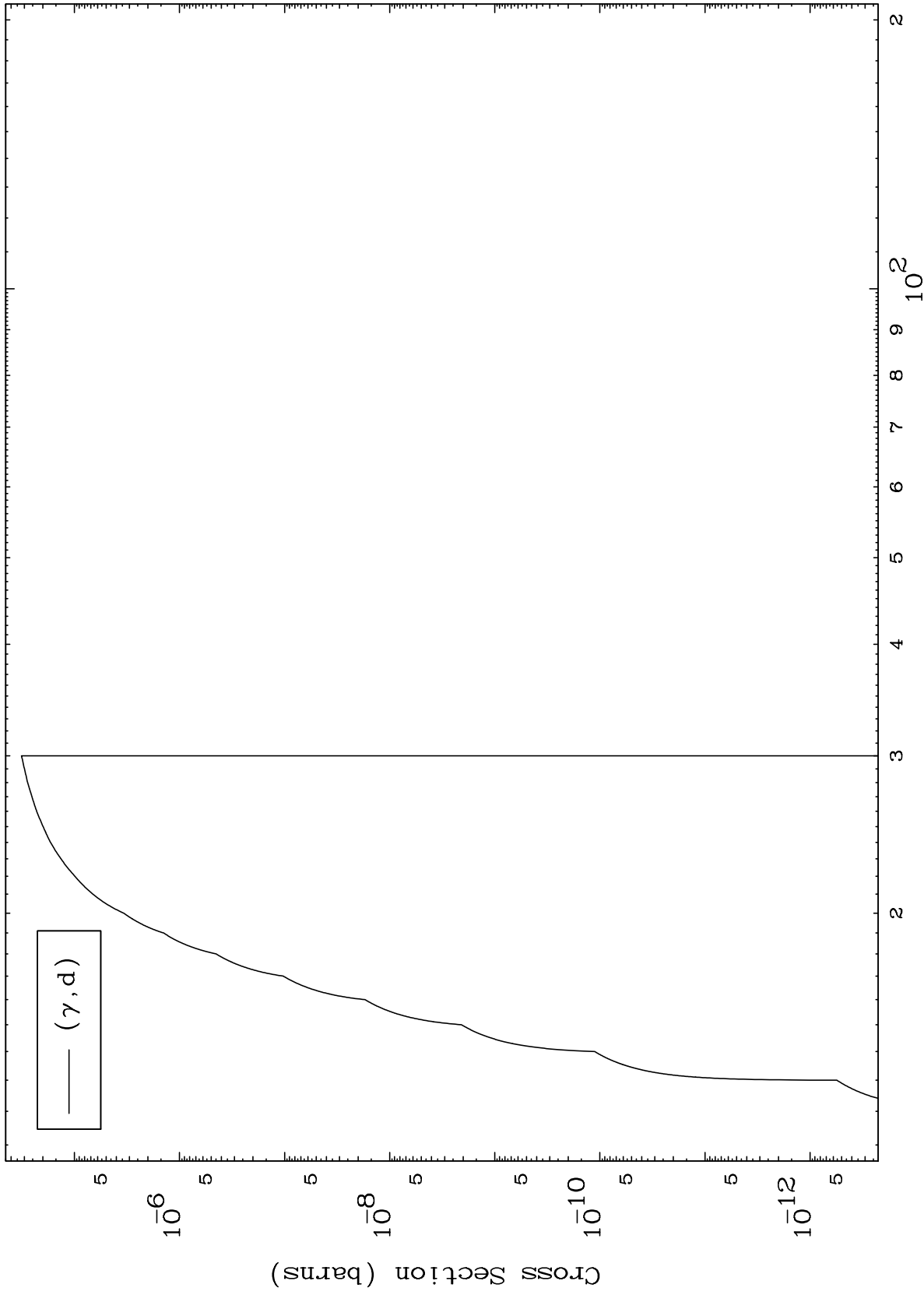
Incident Energy (MeV)

81-Tl-187

MAT 8077

(γ, d) Levels
0 Kelvin Cross Sections

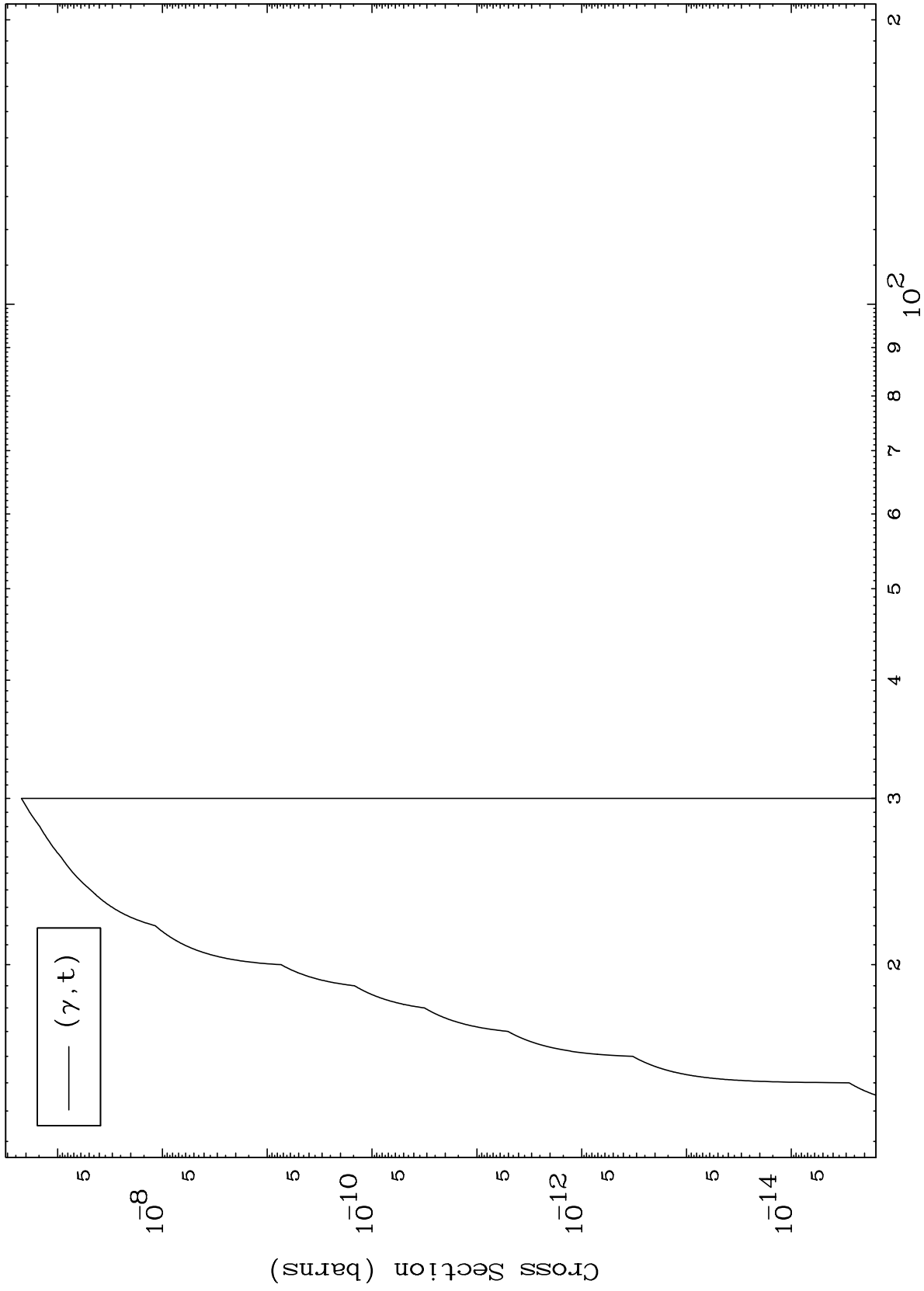
81-Tl-187

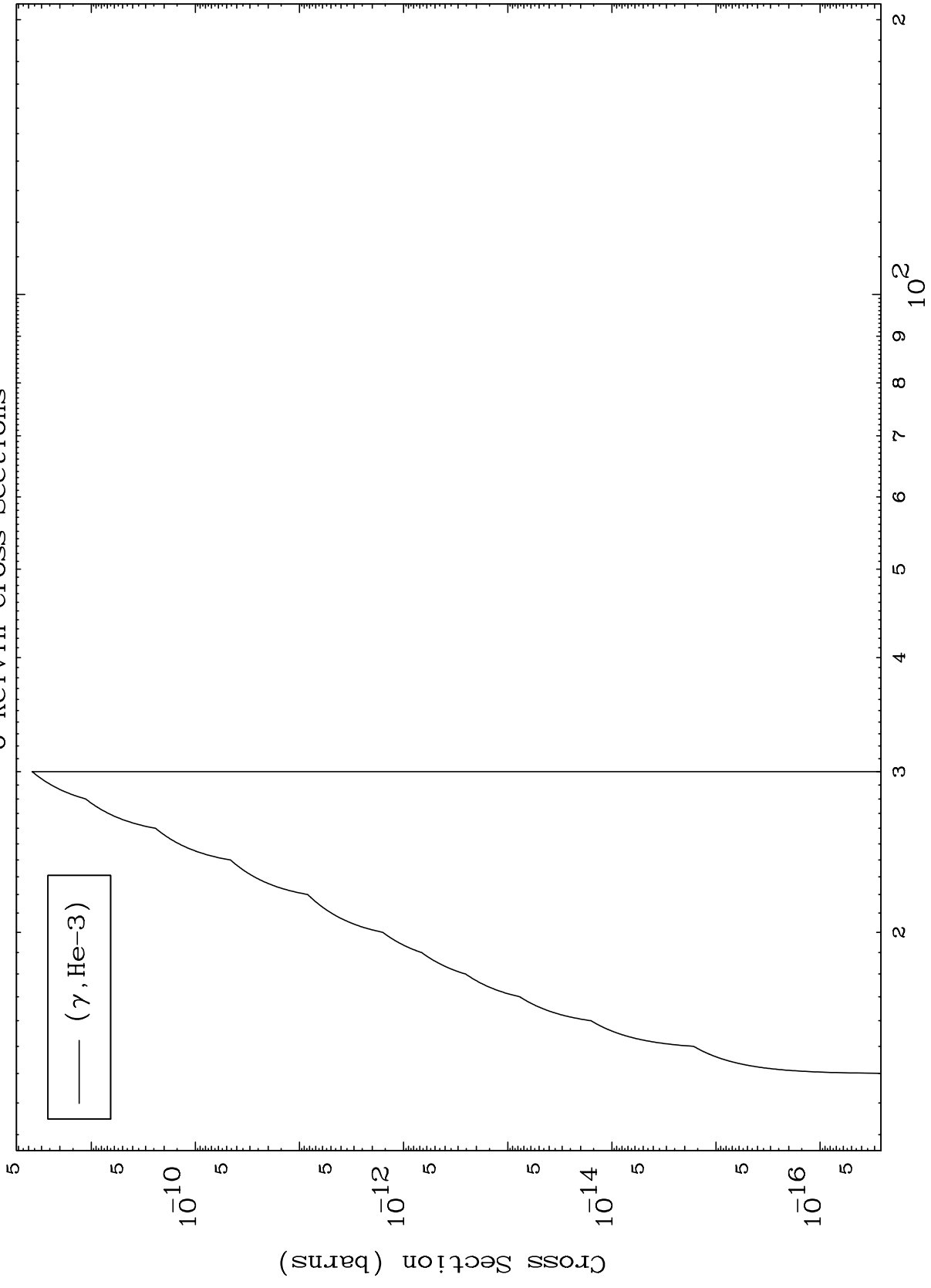


7

Incident Energy (MeV)

81-Tl-187

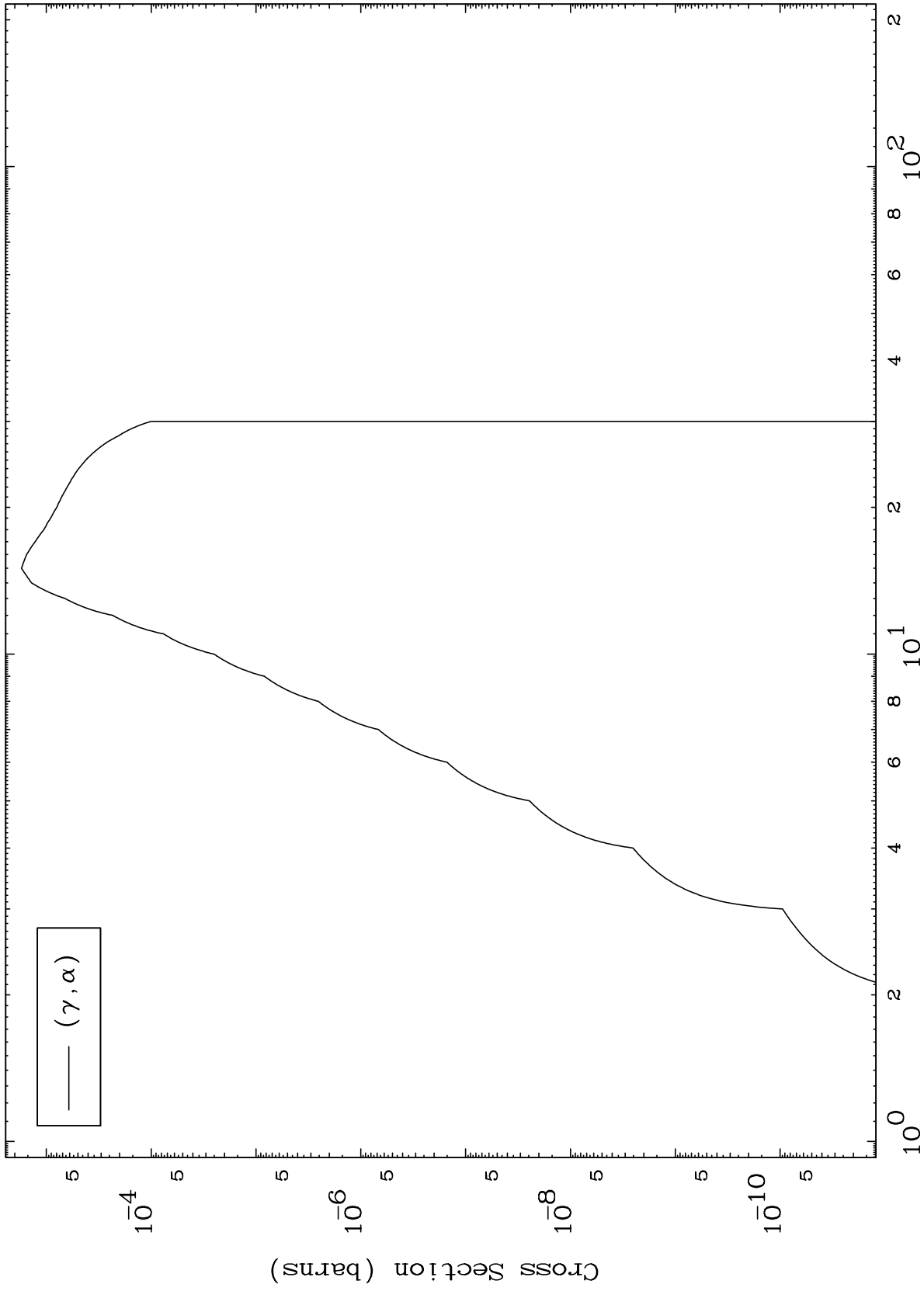




MAT 8077

(γ, α) Levels
0 Kelvin Cross Sections

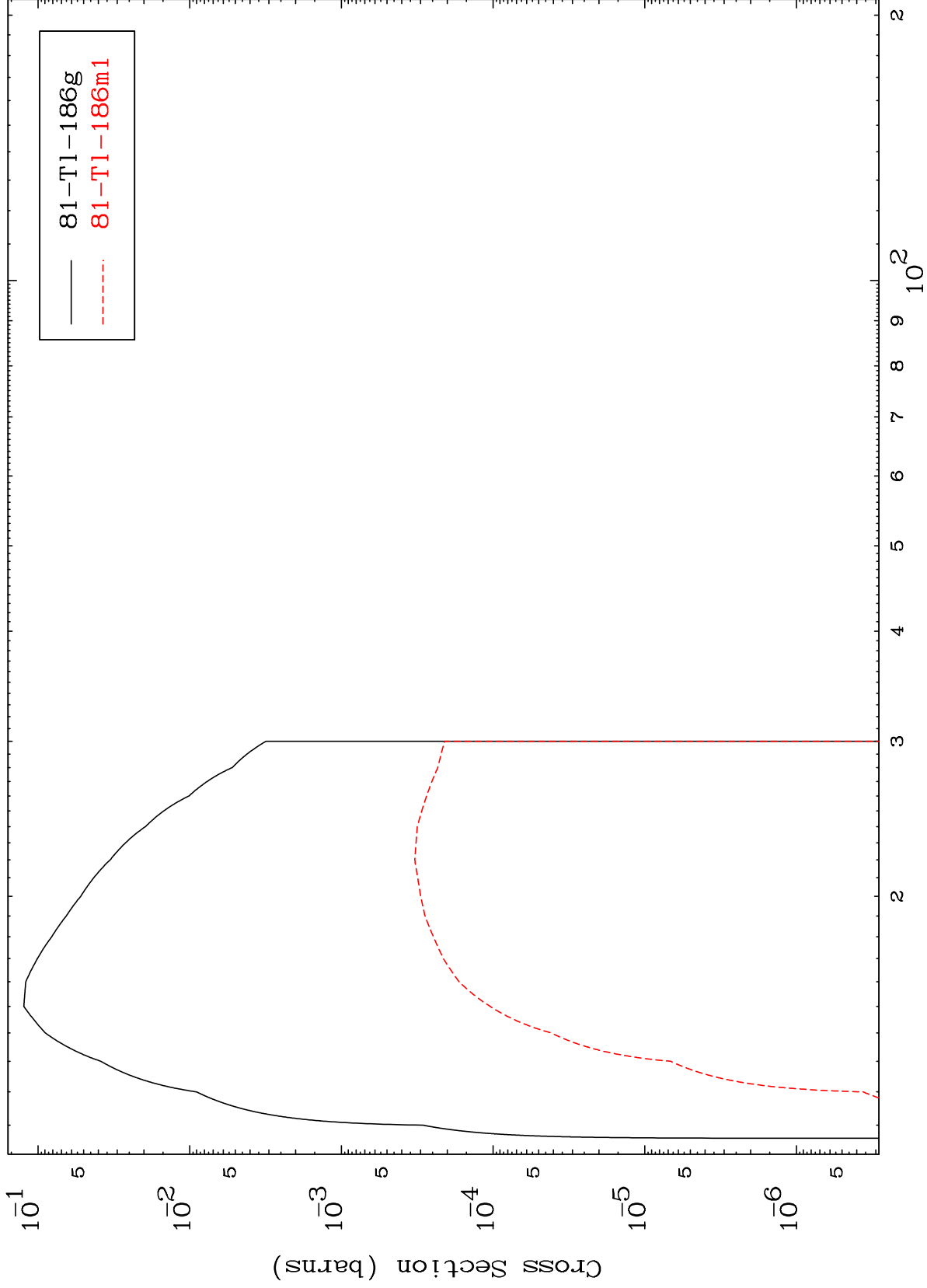
81-Tl-187



Incident Energy (MeV)

81-Tl-187

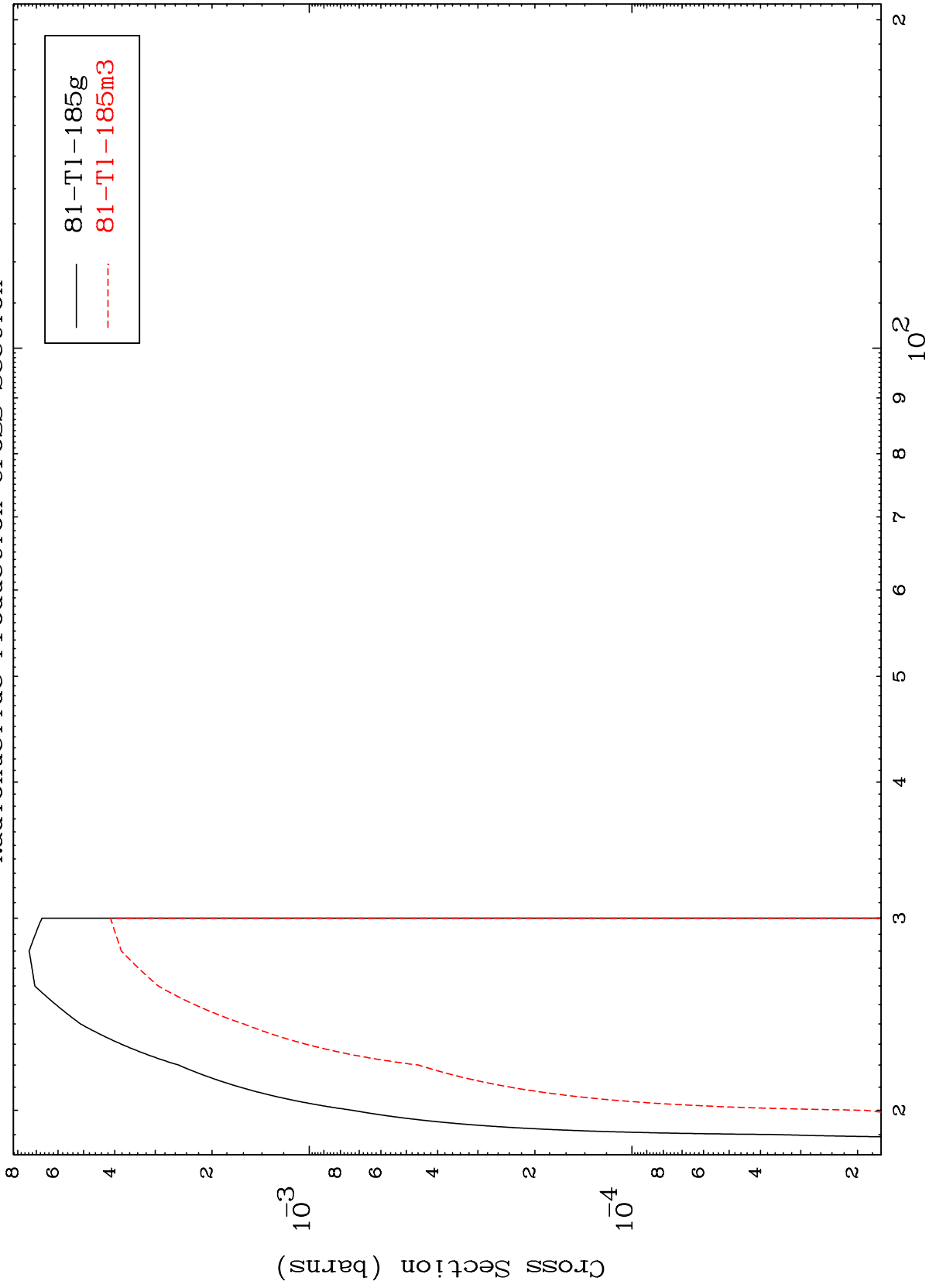
Radionuclide Production Cross Section



MAT 8077

81-Tl-187

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



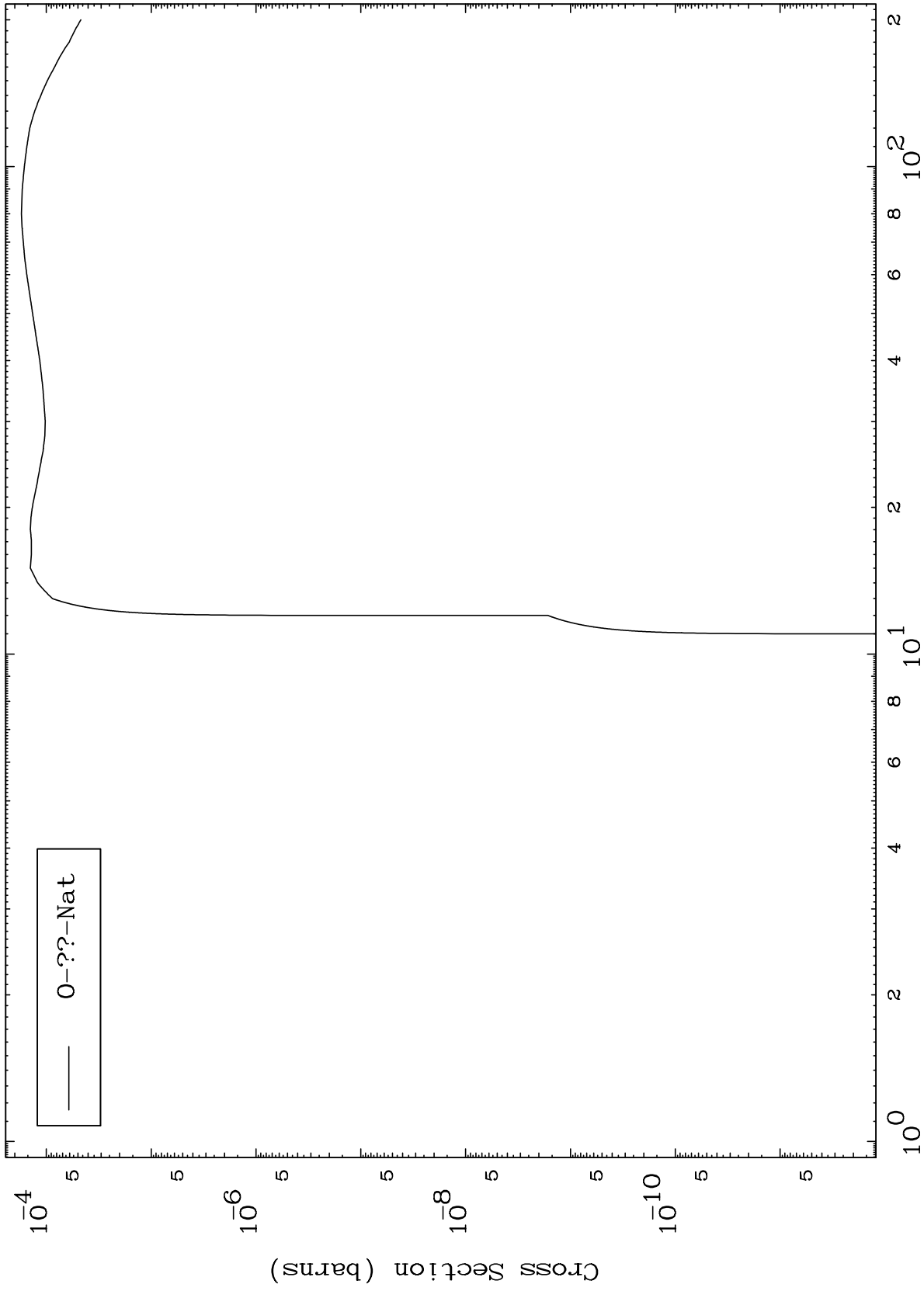
12

81-Tl-187

MAT 8077

81-Tl-187

Photon Fission
Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-187

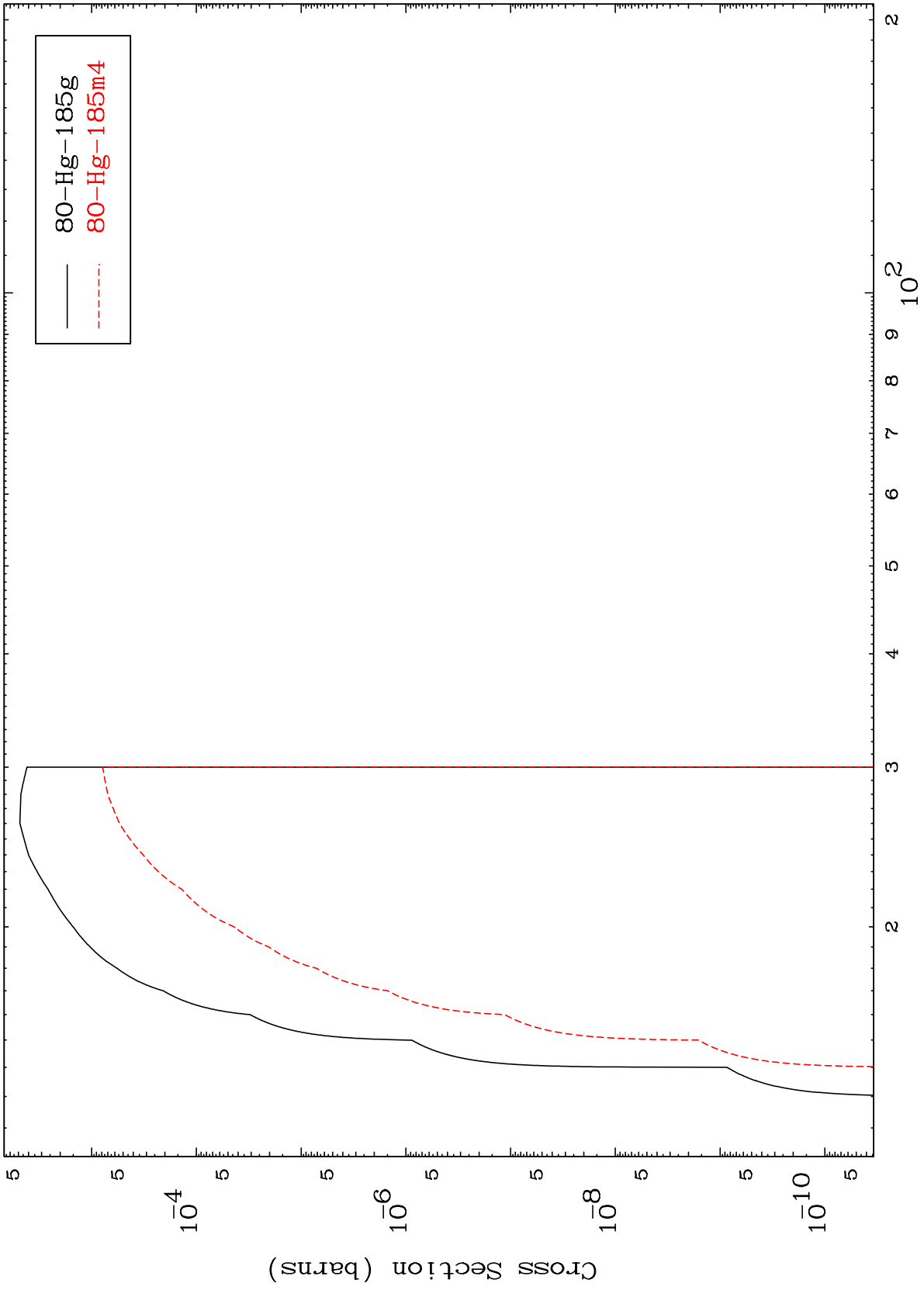
13

MAT 8077

(γ, n') p

81-Tl-187

Radionuclide Production Cross Section



14

Incident Energy (MeV)

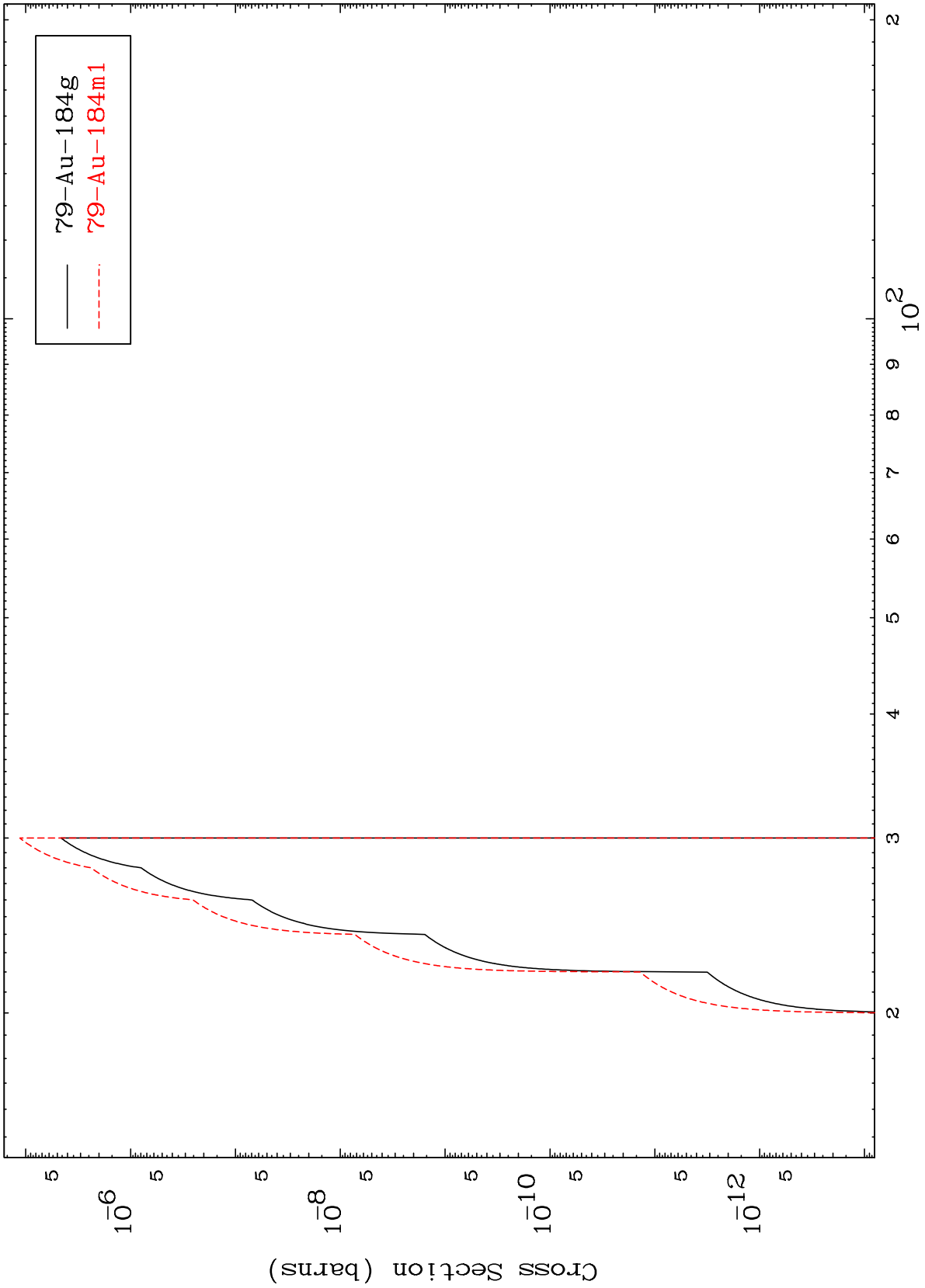
81-Tl-187

MAT 8077

($\gamma, 2n$) p

81-Tl-187

Radionuclide Production Cross Section



15

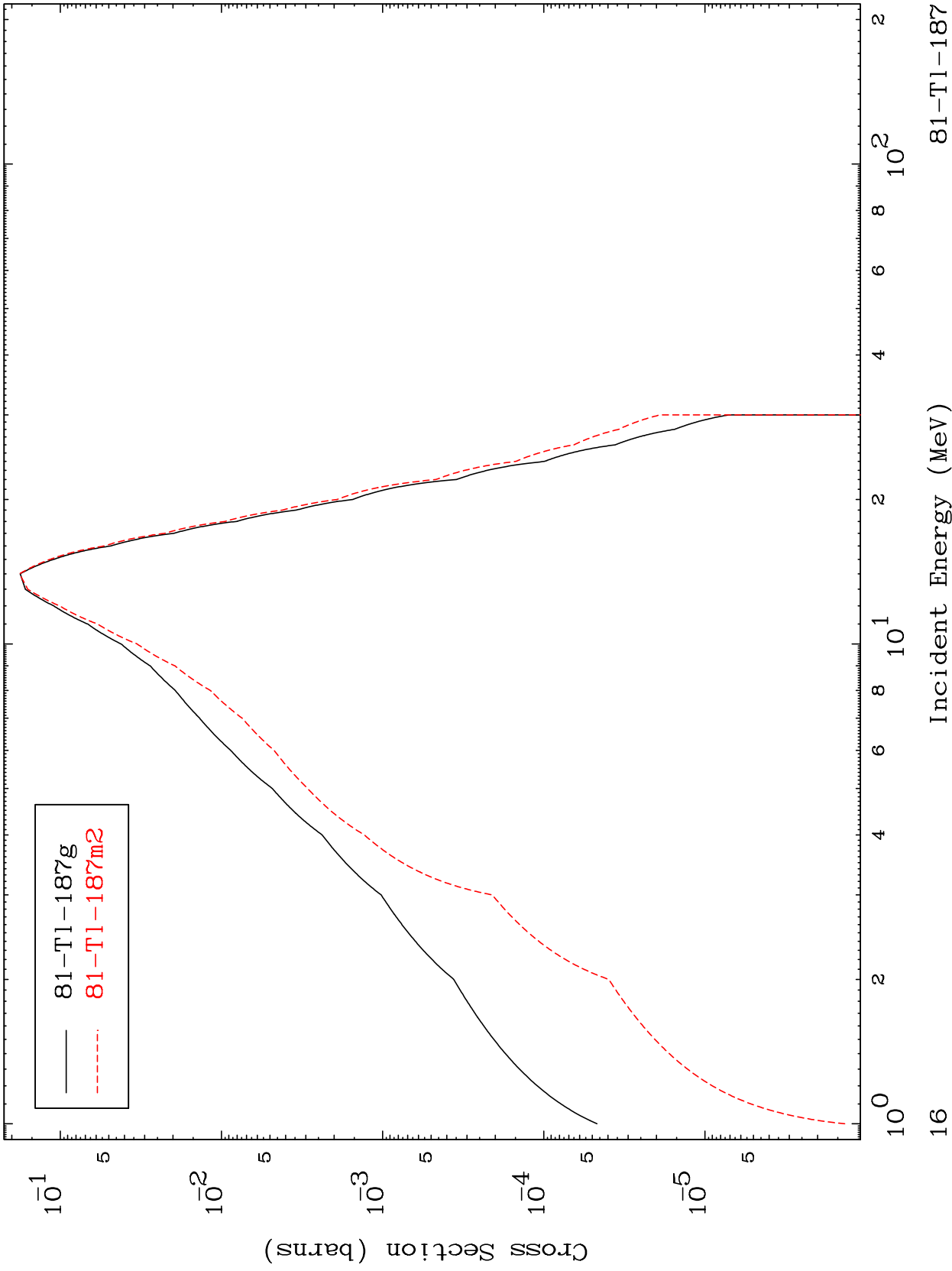
Incident Energy (MeV)

81-Tl-187

MAT 8077

81-Tl-187

Radionuclide Production Cross Section (γ, γ)

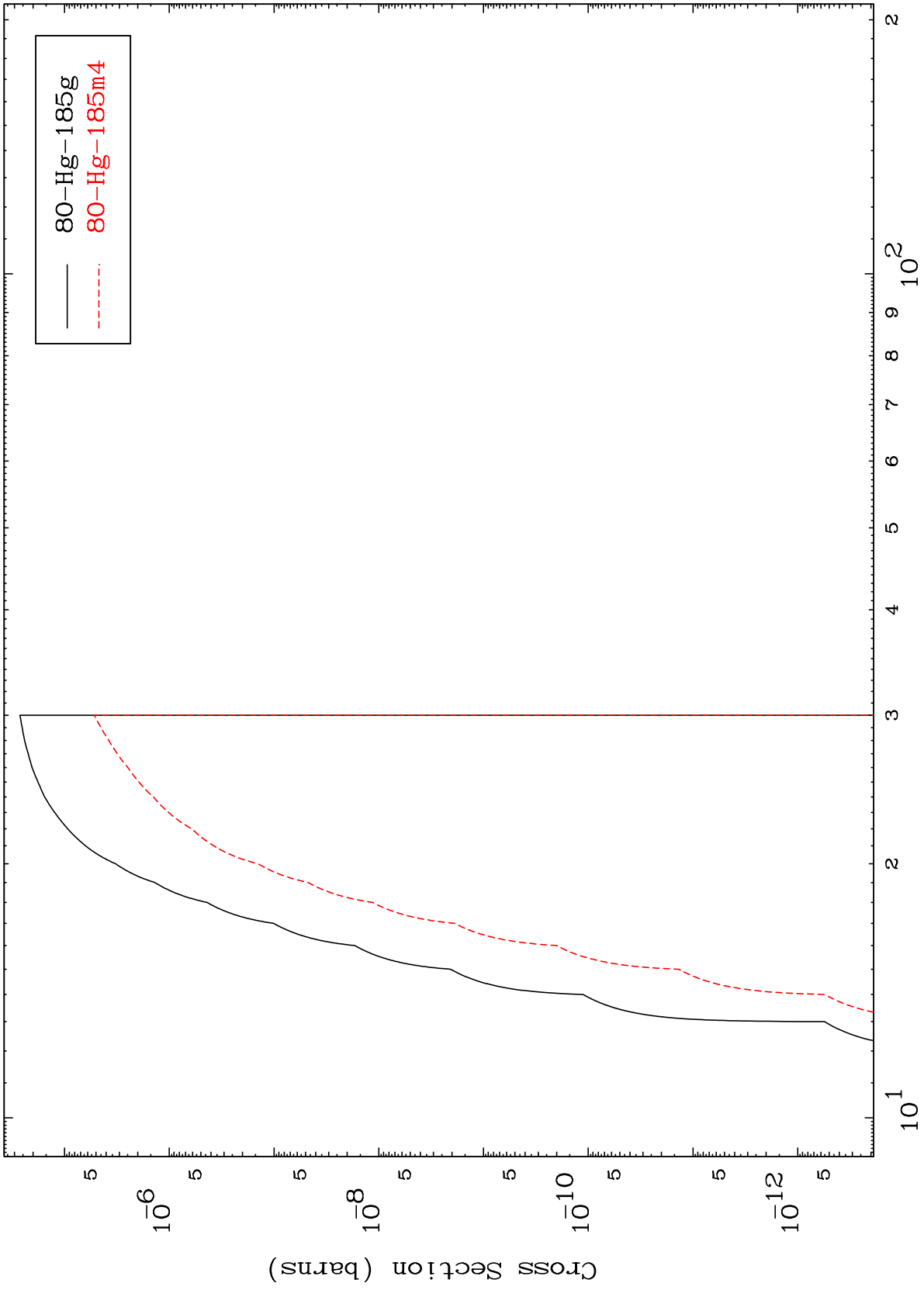


MAT 8077

(γ, d)

81-Tl-187

Radionuclide Production Cross Section



17

Incident Energy (MeV)

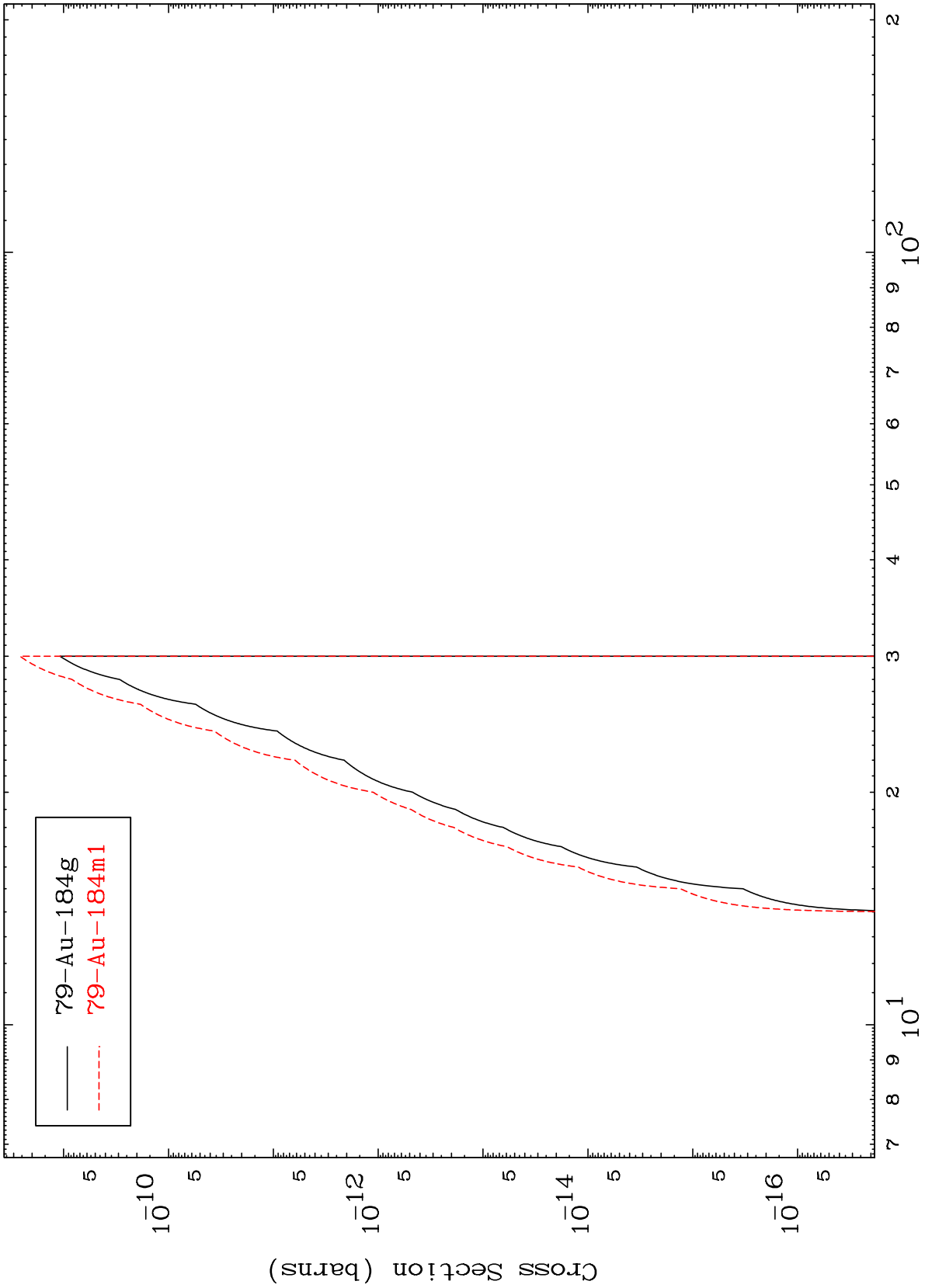
81-Tl-187

MAT 8077

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

81-Tl-187

Radionuclide Production Cross Section



79-Au-184g
79-Au-184m1

18

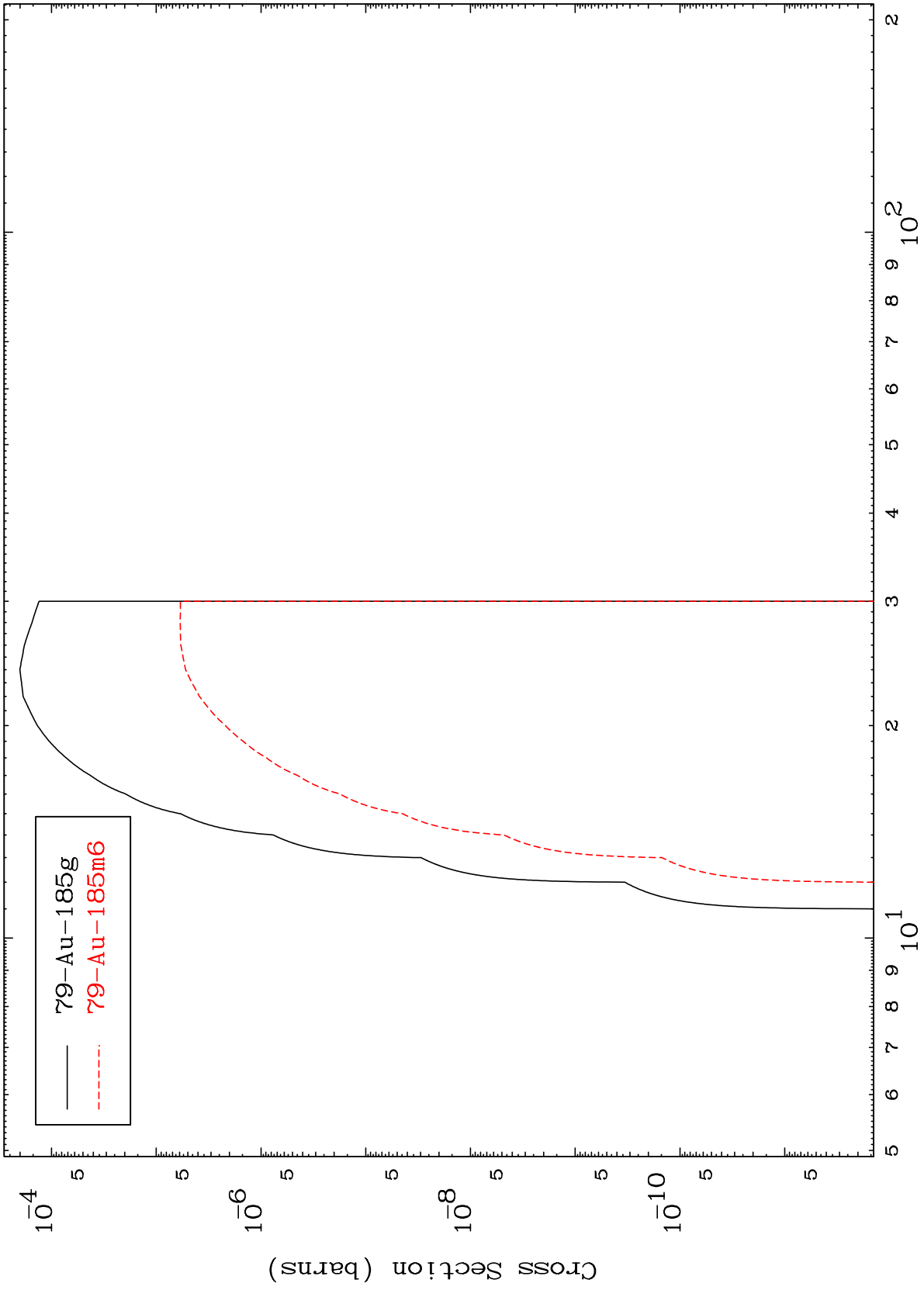
Incident Energy (MeV)

81-Tl-187

MAT 8077

81-Tl-187

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



— $^{79}\text{Au-185g}$
- - - $^{79}\text{Au-185m6}$

19

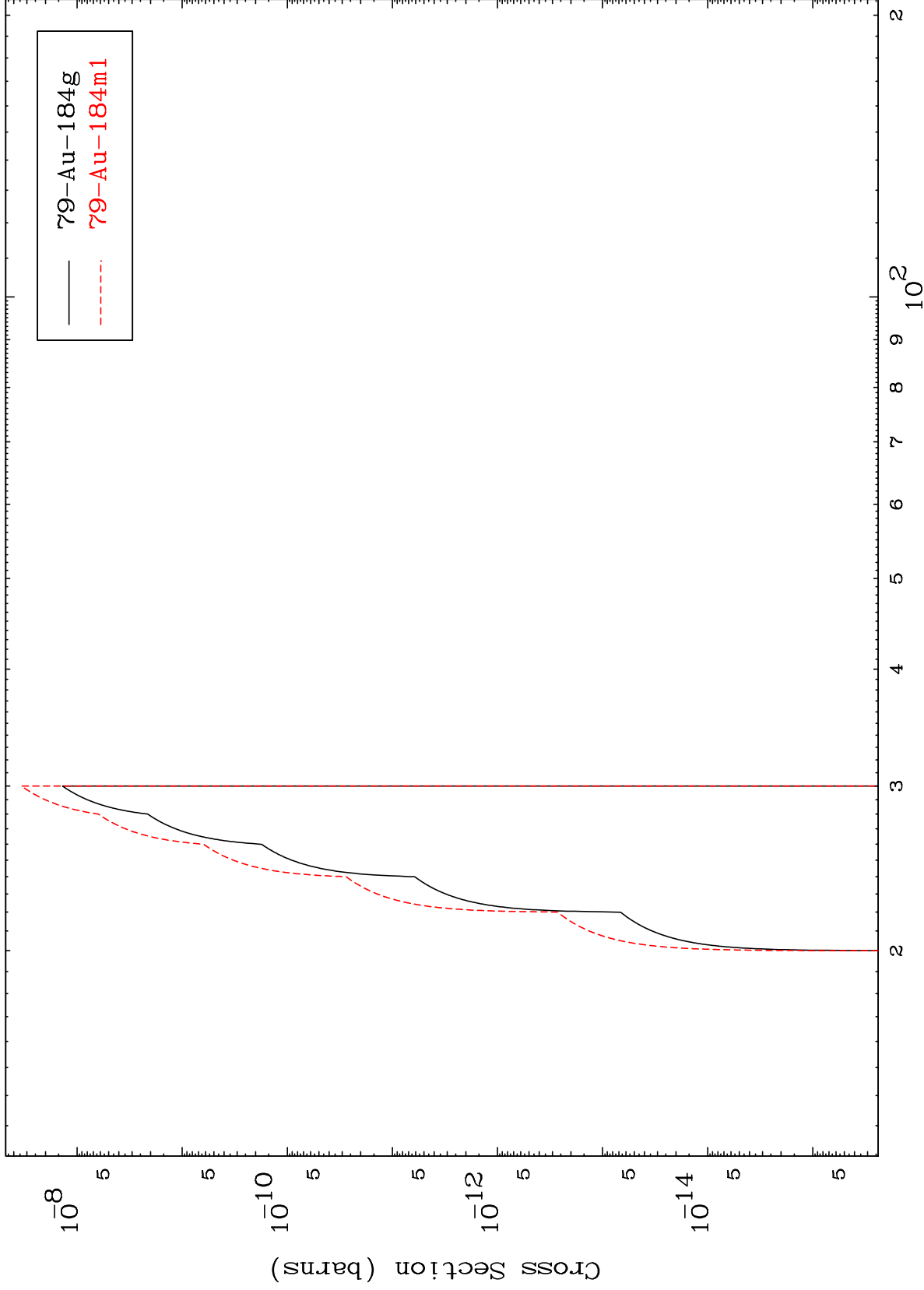
81-Tl-187

MAT 8077

(γ, p) d

81-Tl-187

Radionuclide Production Cross Section



20

Incident Energy (MeV)

81-Tl-187