

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

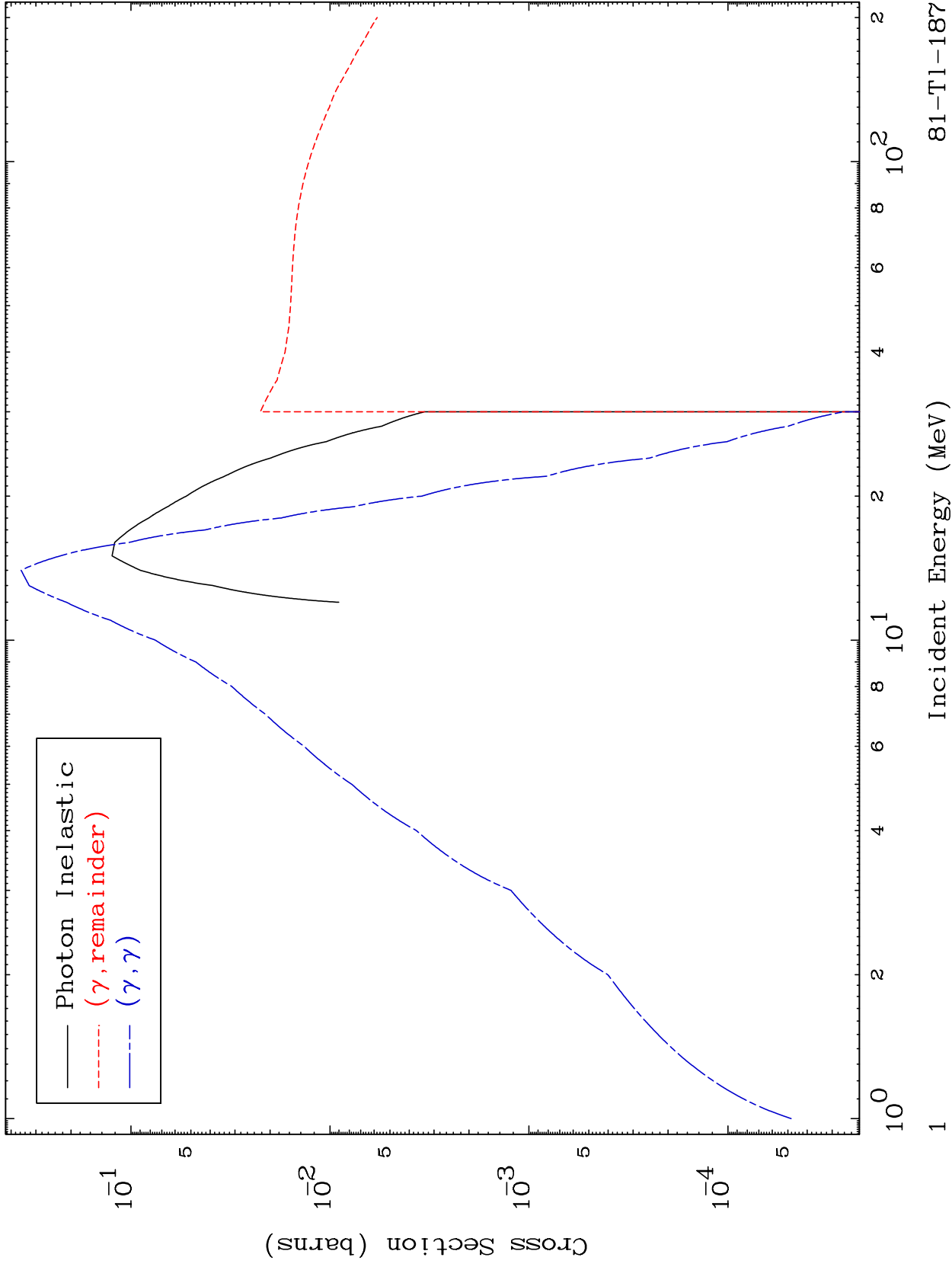
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8077

Photon Major
0 Kelvin Cross Sections

81-Tl-187



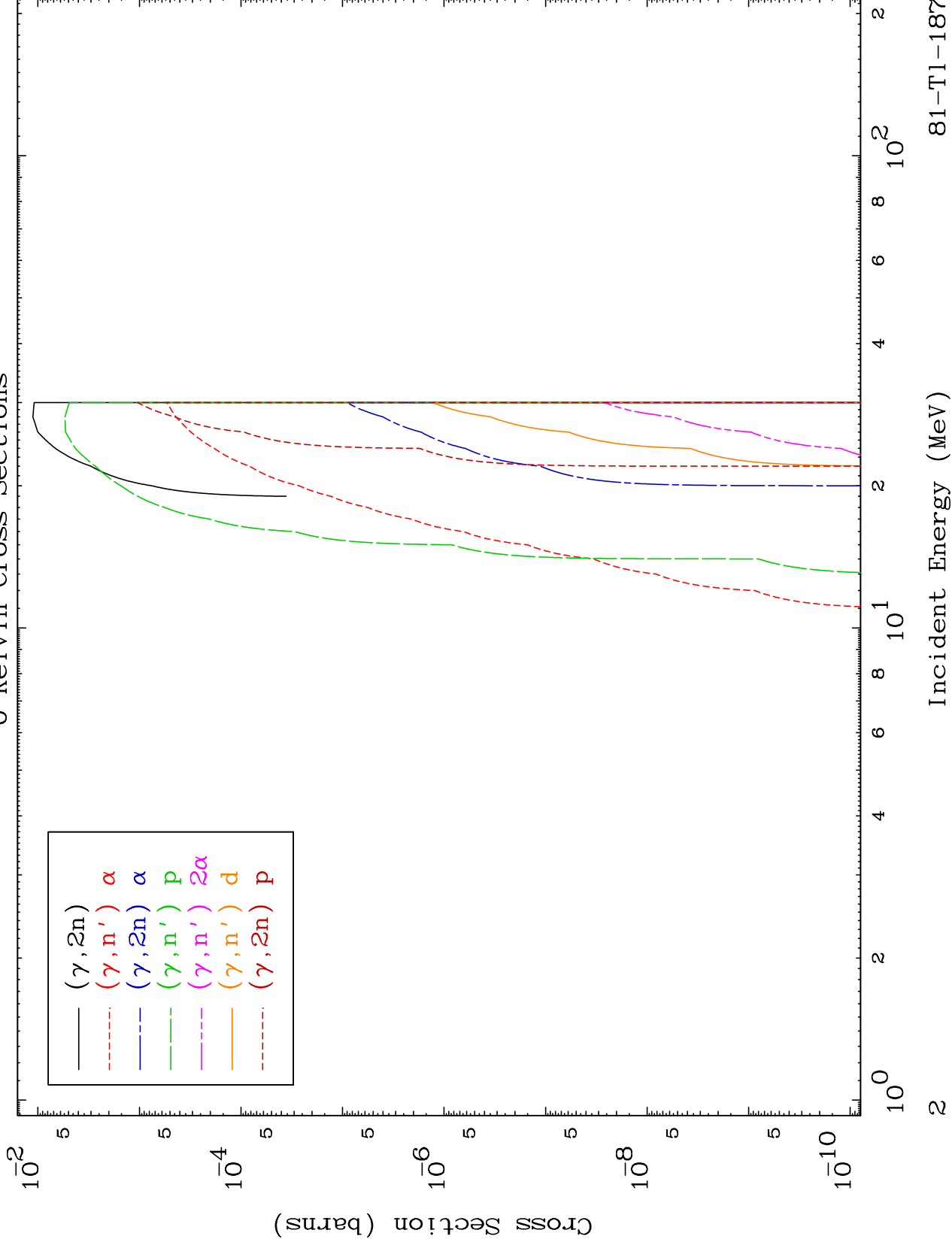
81-Tl-187

Incident Energy (MeV)

MAT 8077

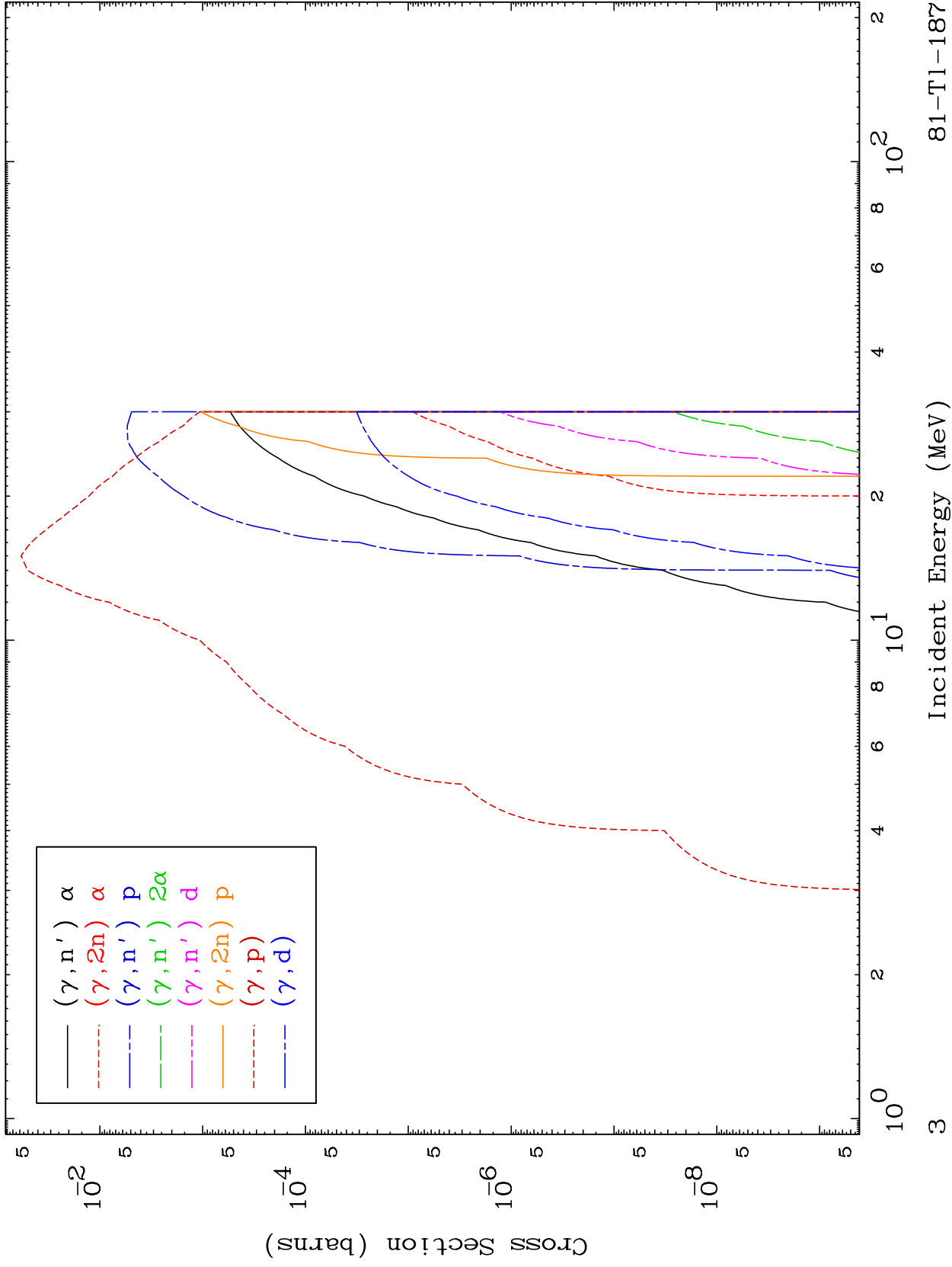
Photon Neutron Production
0 Kelvin Cross Sections

81-Tl-187



81-Tl-187

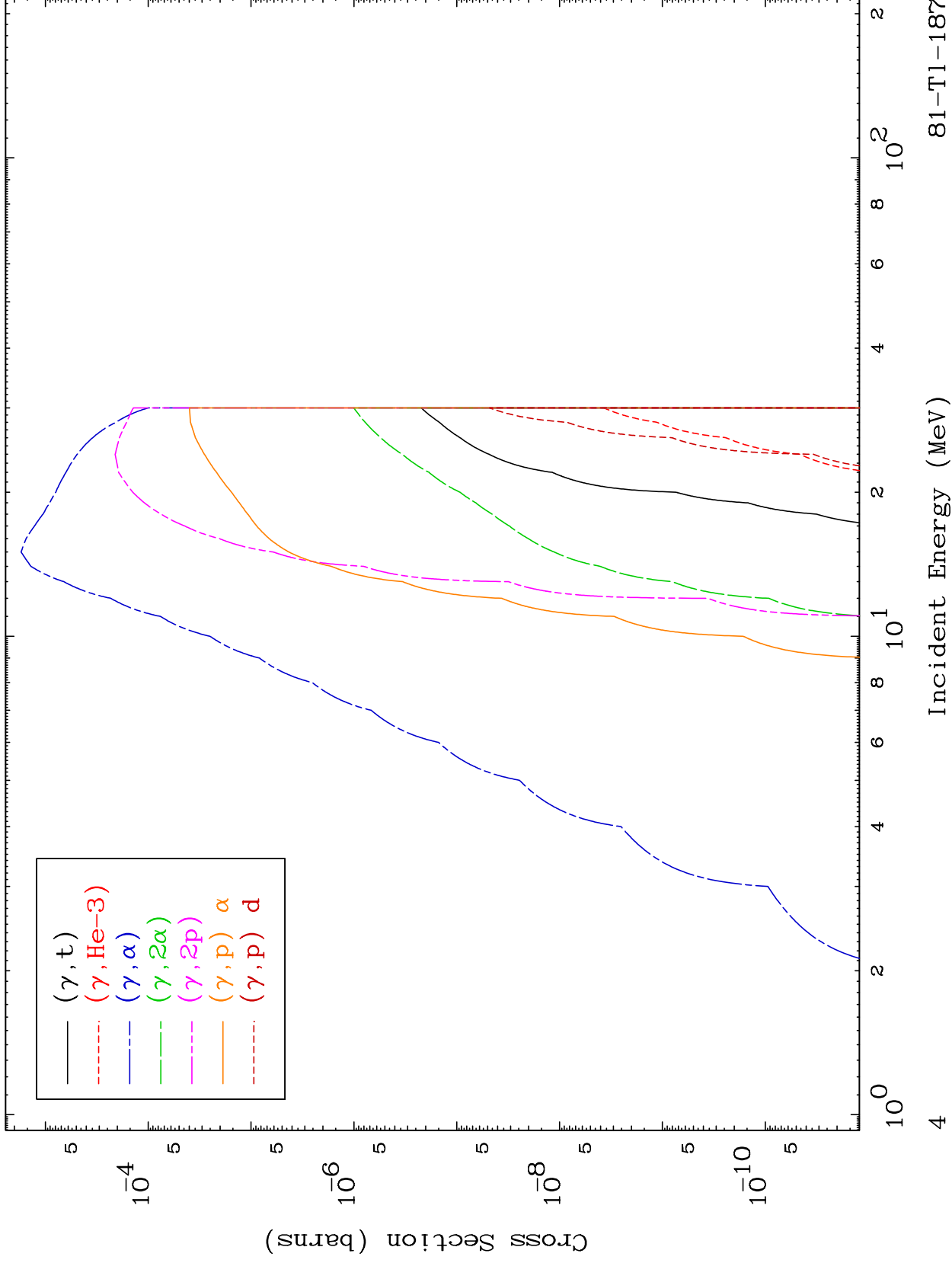
Incident Energy (MeV)



MAT 8077

Photon Charged Particle
0 Kelvin Cross Sections

81-Tl-187



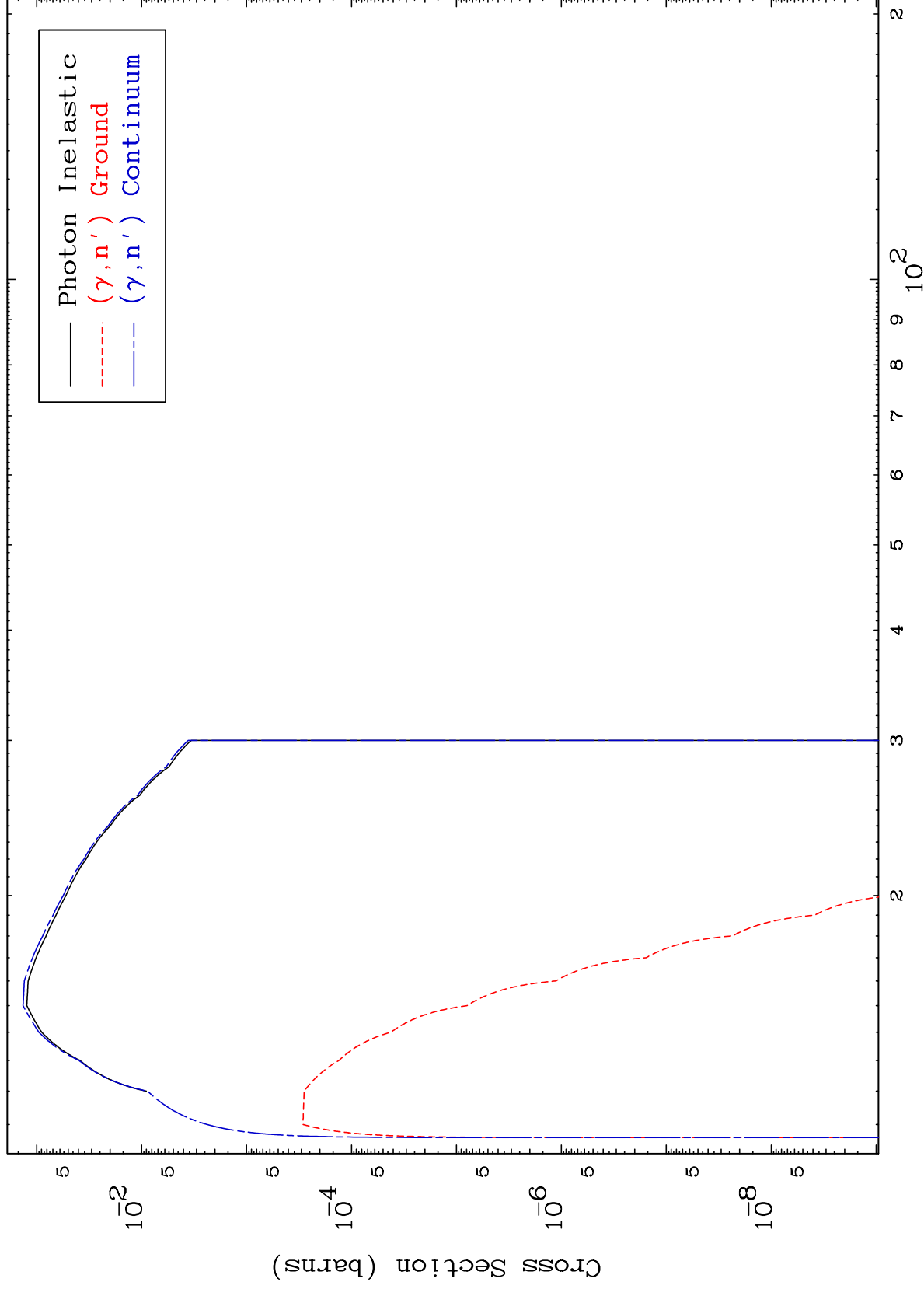
81-Tl-187

MAT 80777

(γ, n') Level

81-Tl-187

0 Kelvin Cross Sections



Incident Energy (MeV)

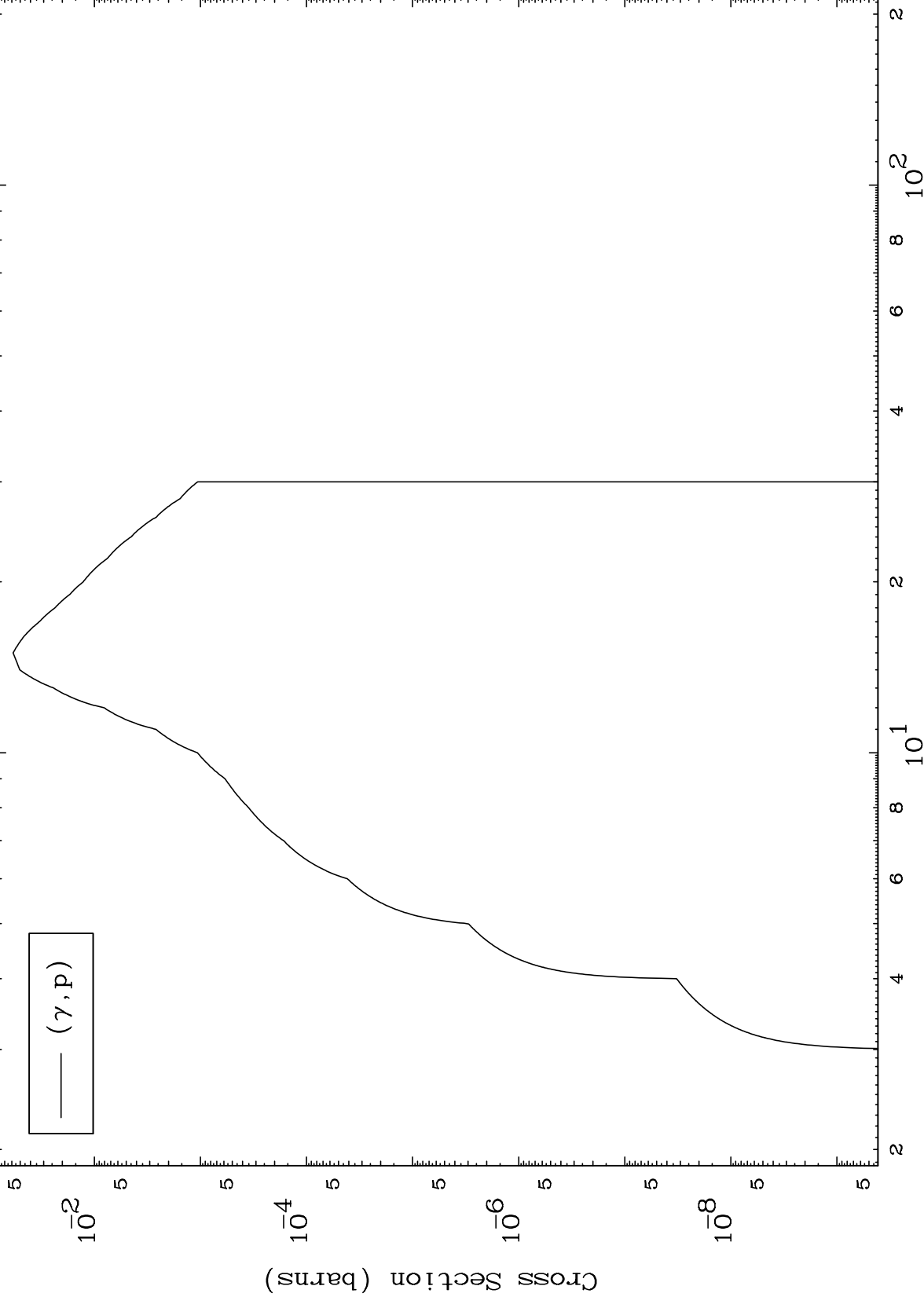
81-Tl-187

5

MAT 80777

(γ, p) Levels
0 Kelvin Cross Sections

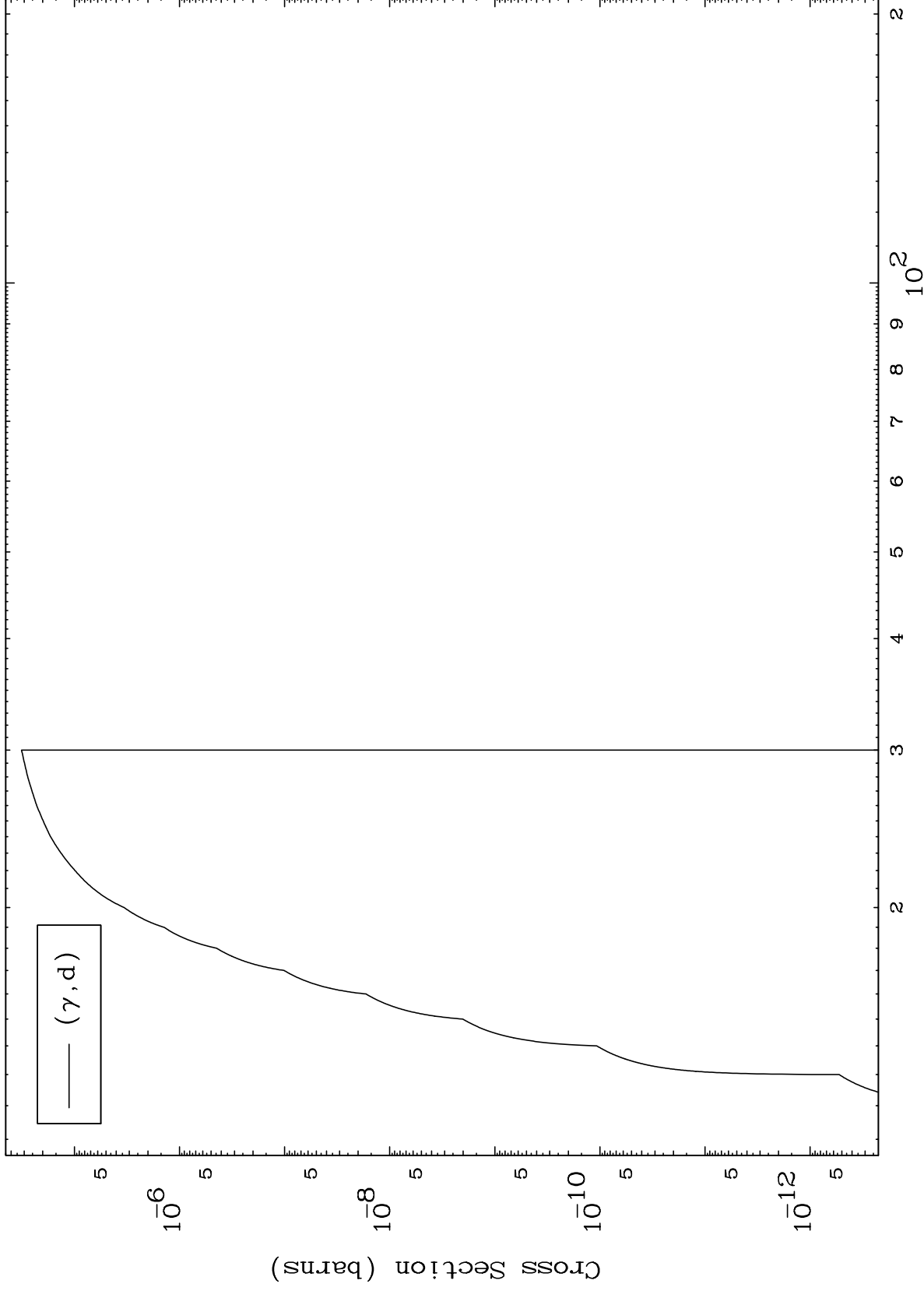
81-Tl-187

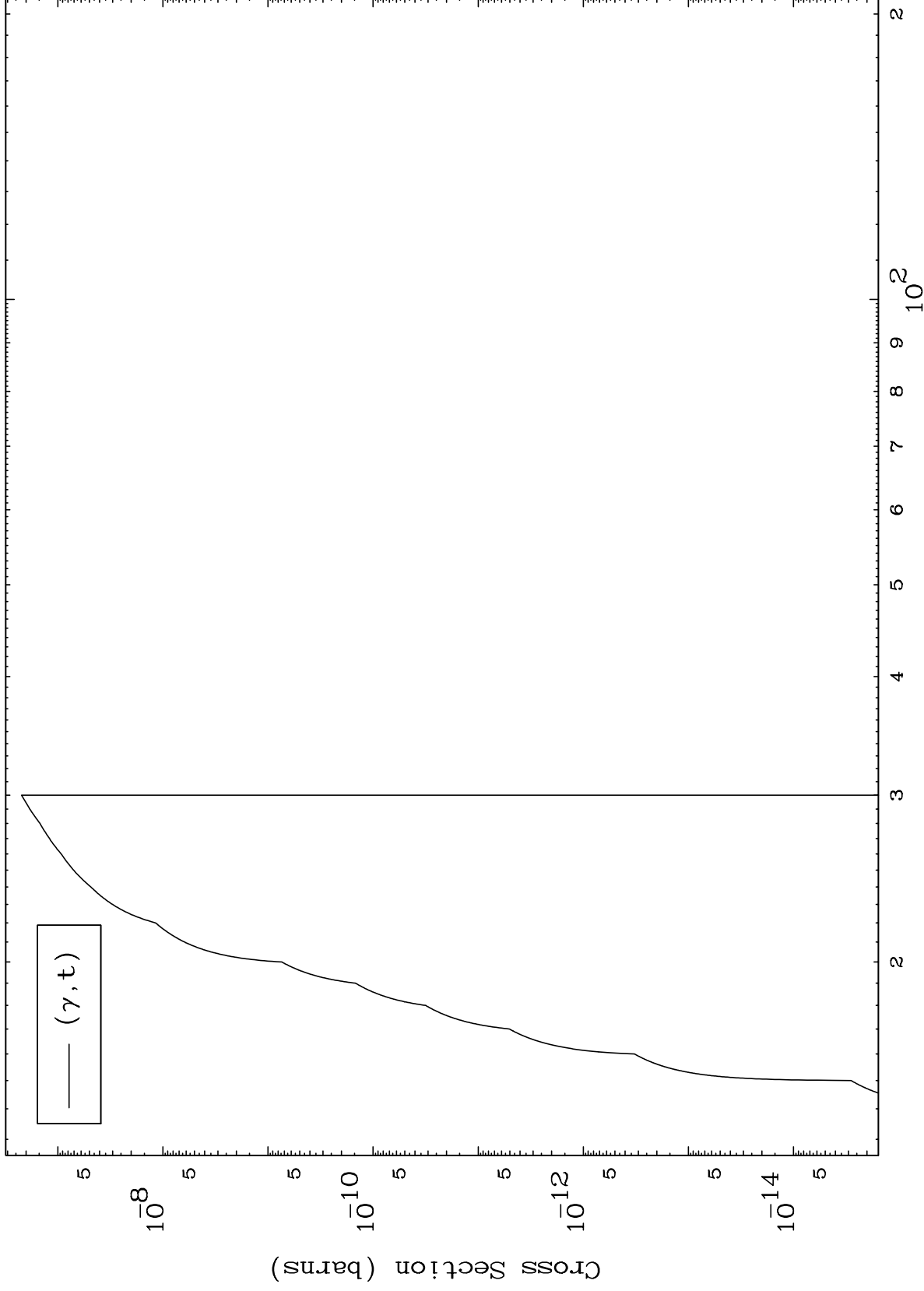


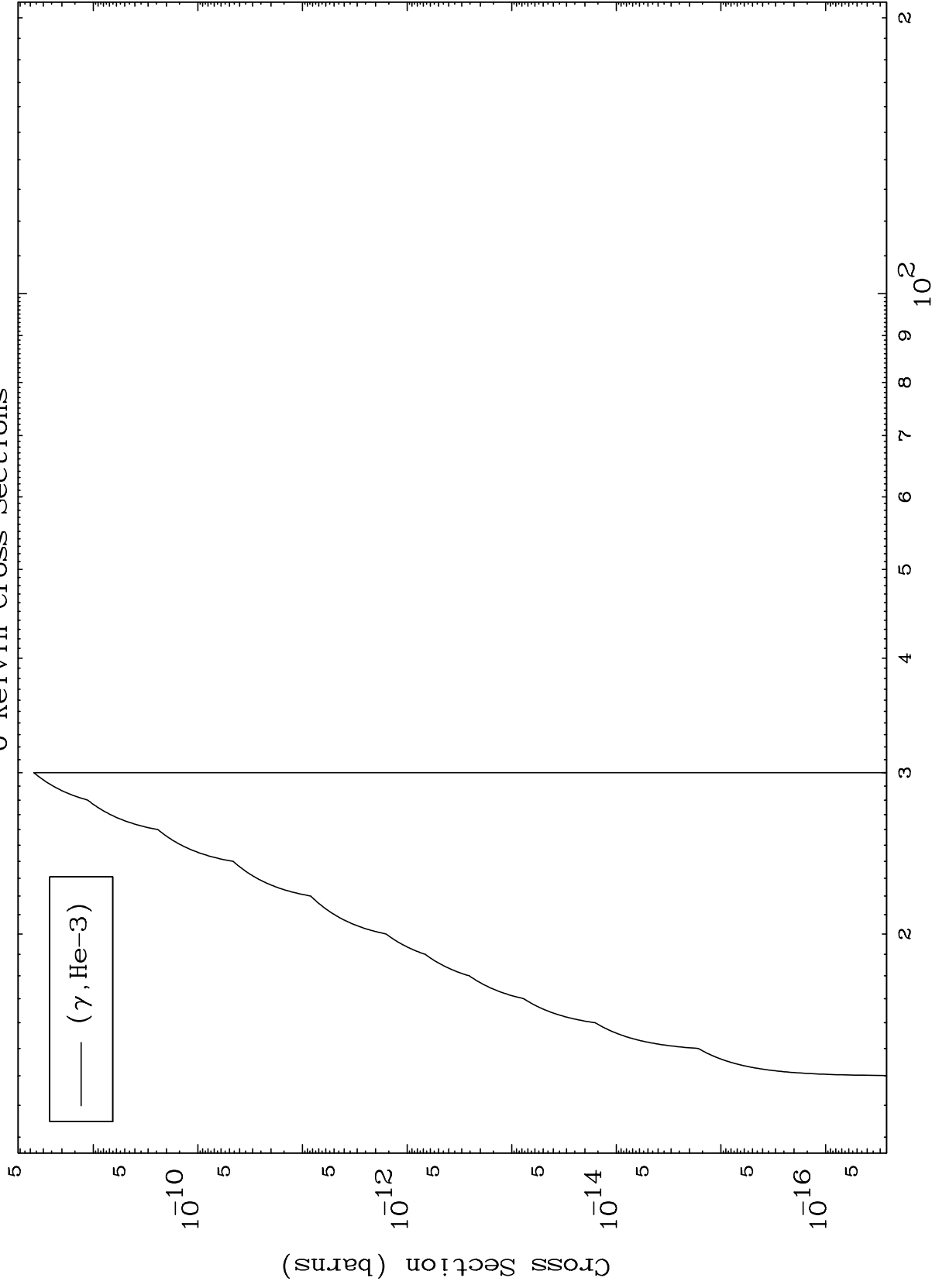
6

Incident Energy (MeV)

81-Tl-187



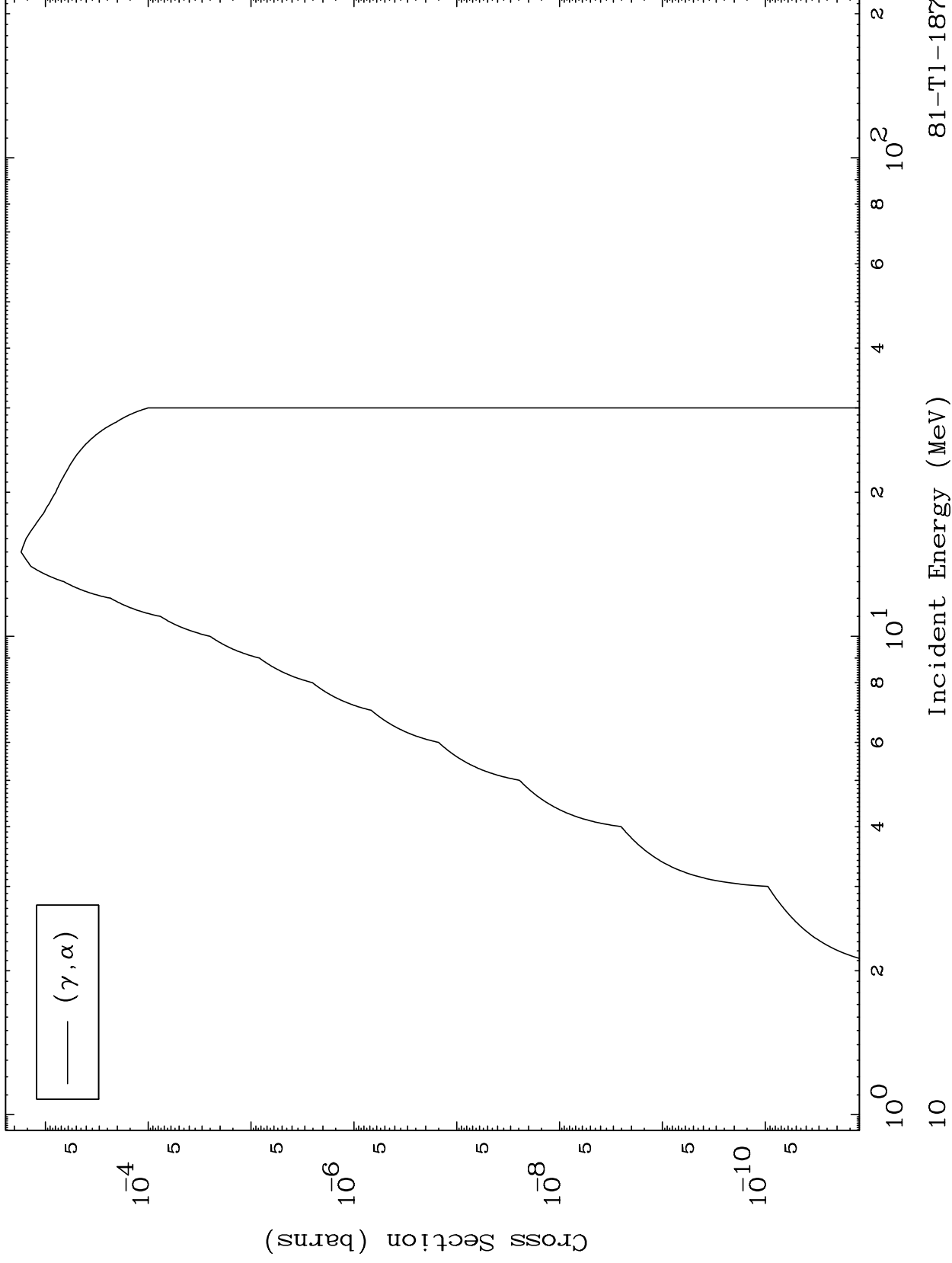




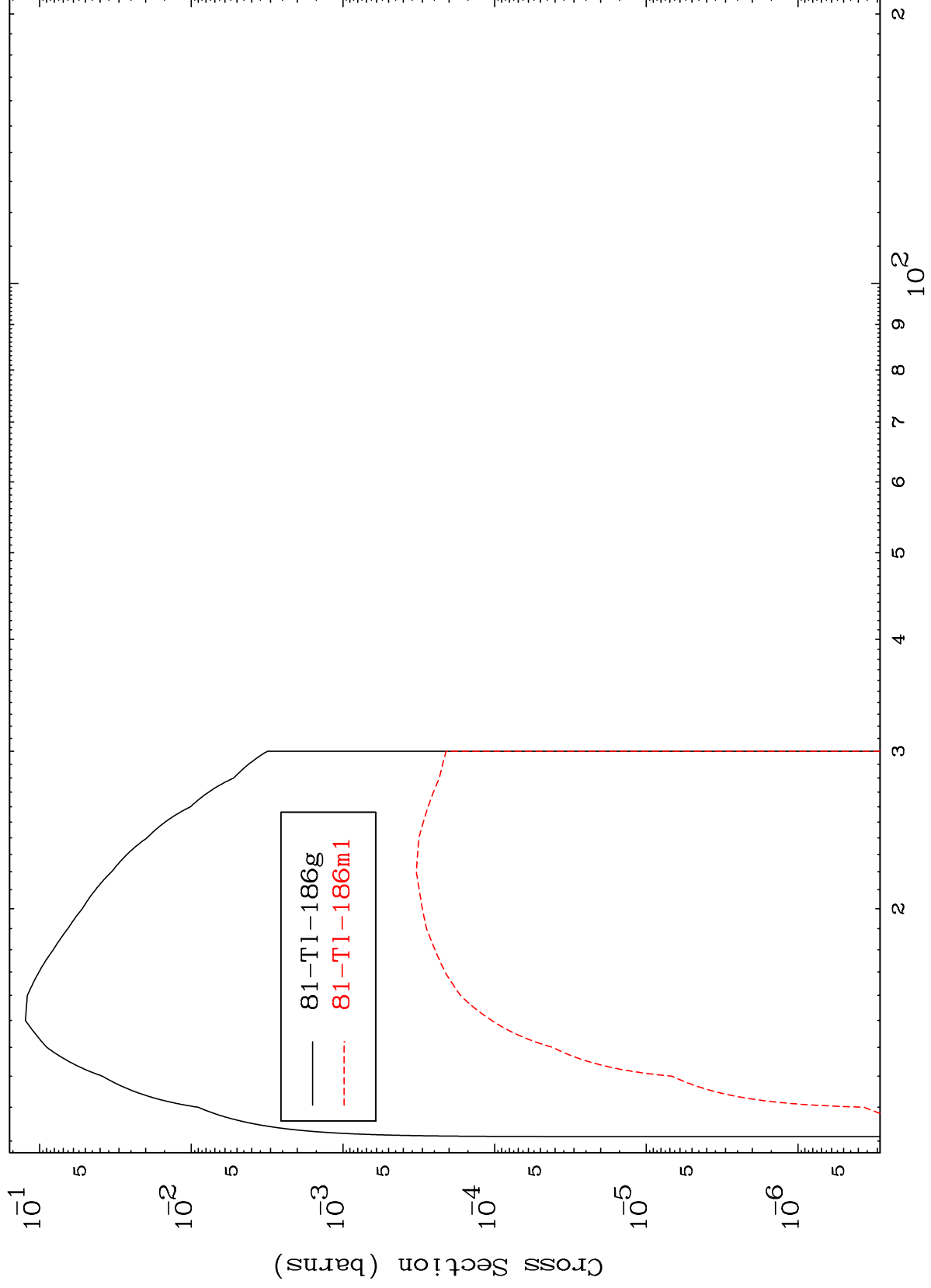
MAT 80777

(γ, α) Levels
0 Kelvin Cross Sections

81-Tl-187



81-Tl-187

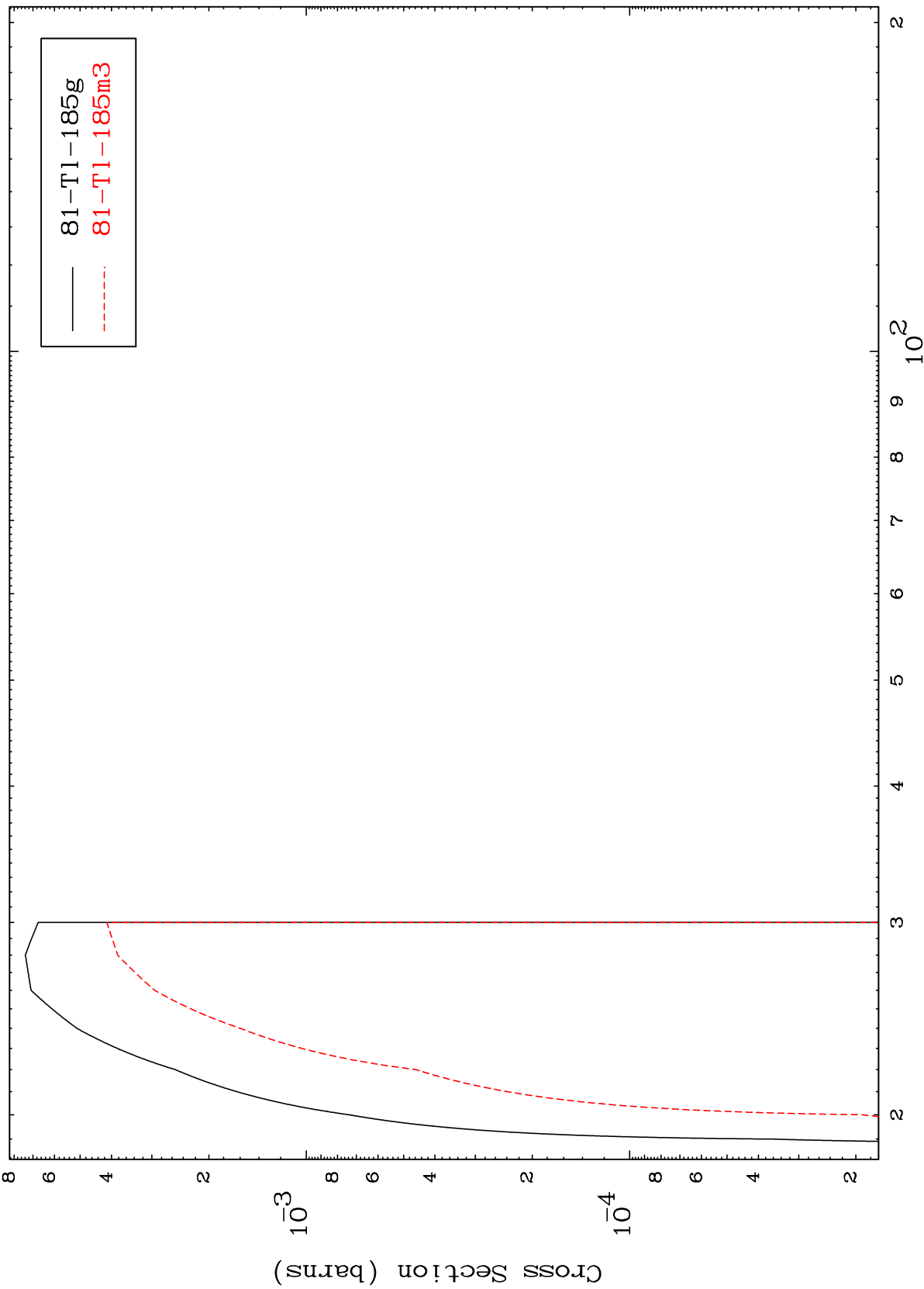


MAT 80777

($\gamma, 2n$)

81-Tl-187

Radionuclide Production Cross Section



12

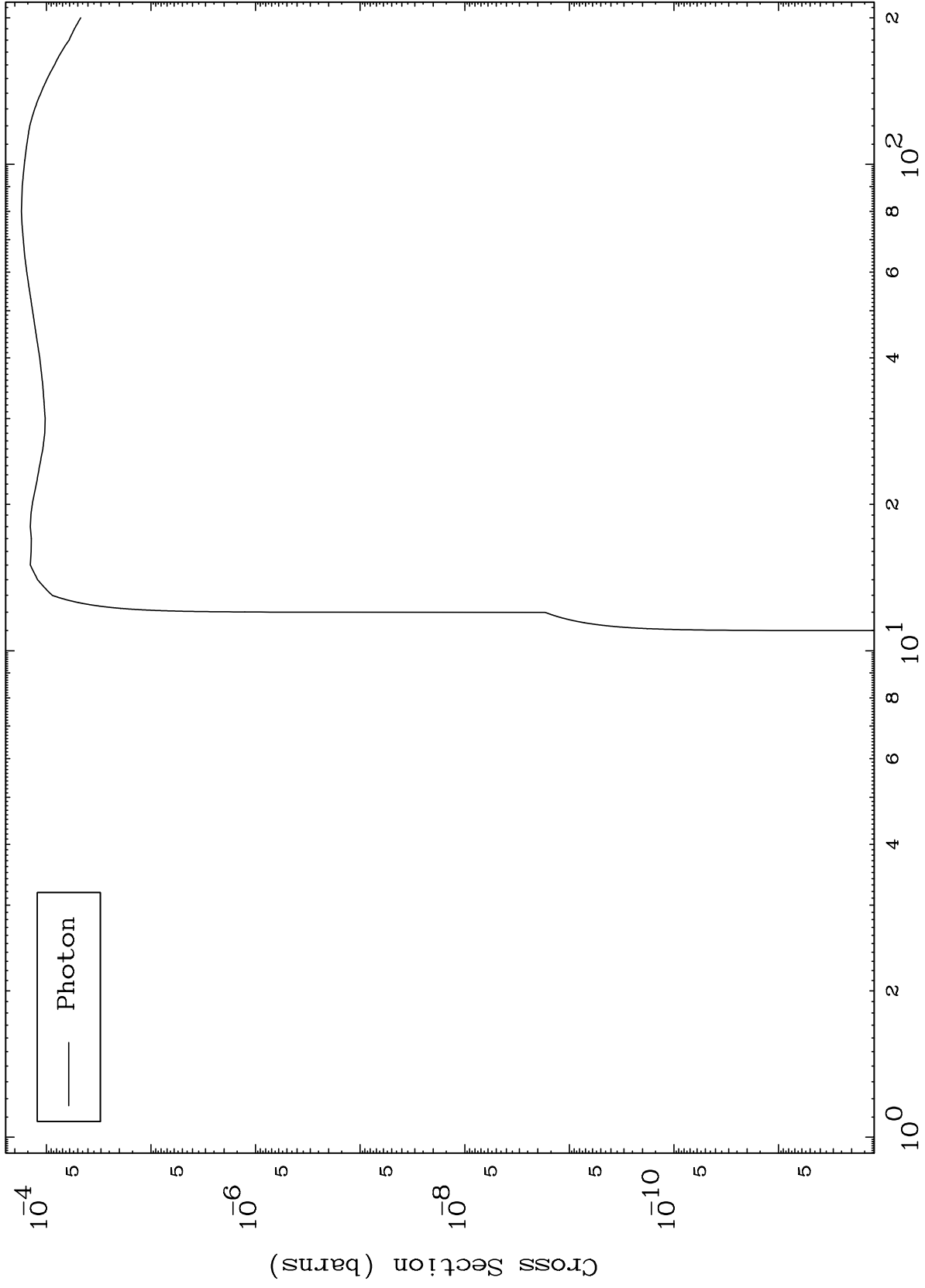
Incident Energy (MeV)

81-Tl-187

MAT 80777

81-Tl-187

Photon Fission
Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-187

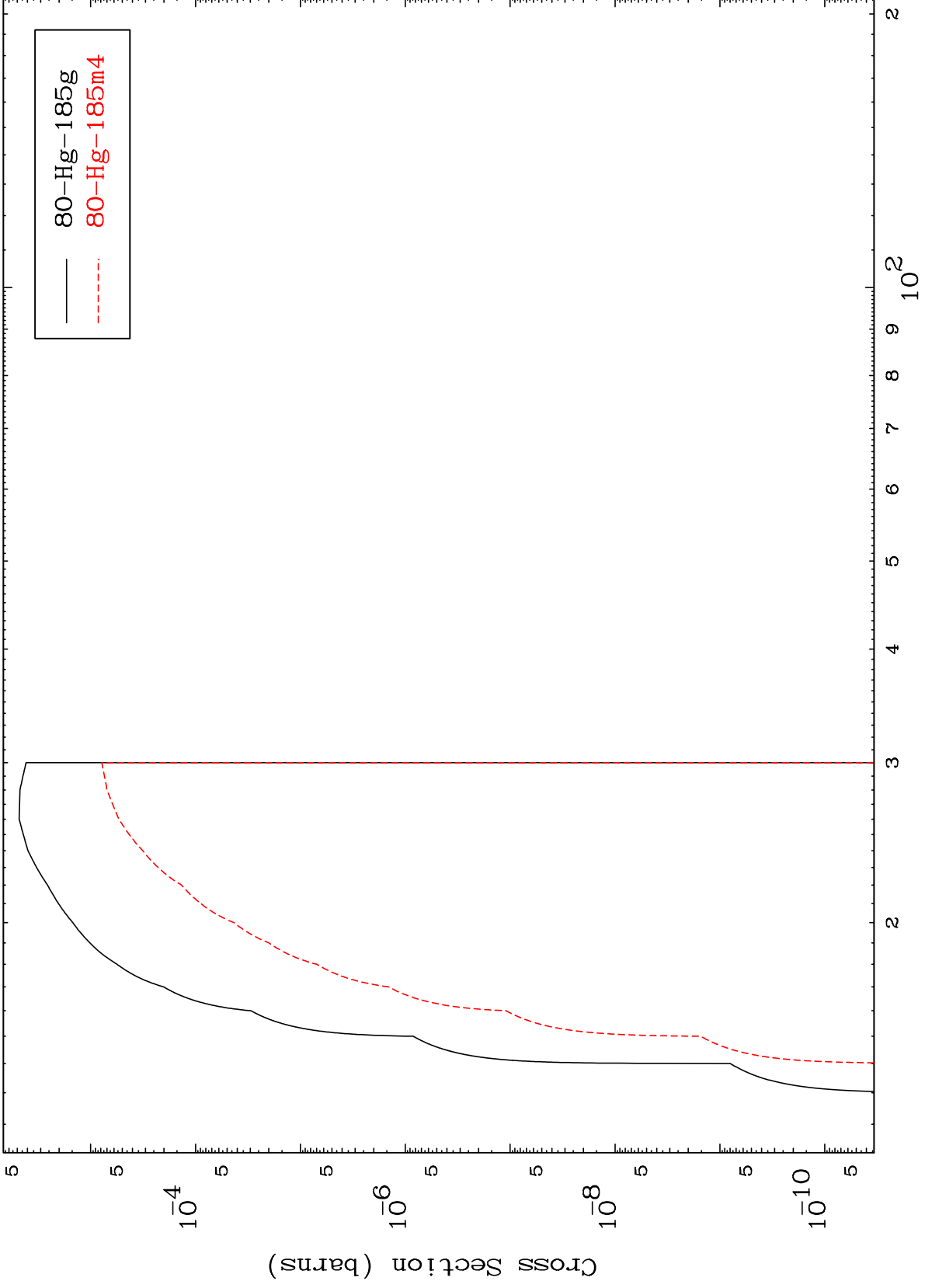
13

MAT 80777

(γ, n') p

81-Tl-187

Radionuclide Production Cross Section

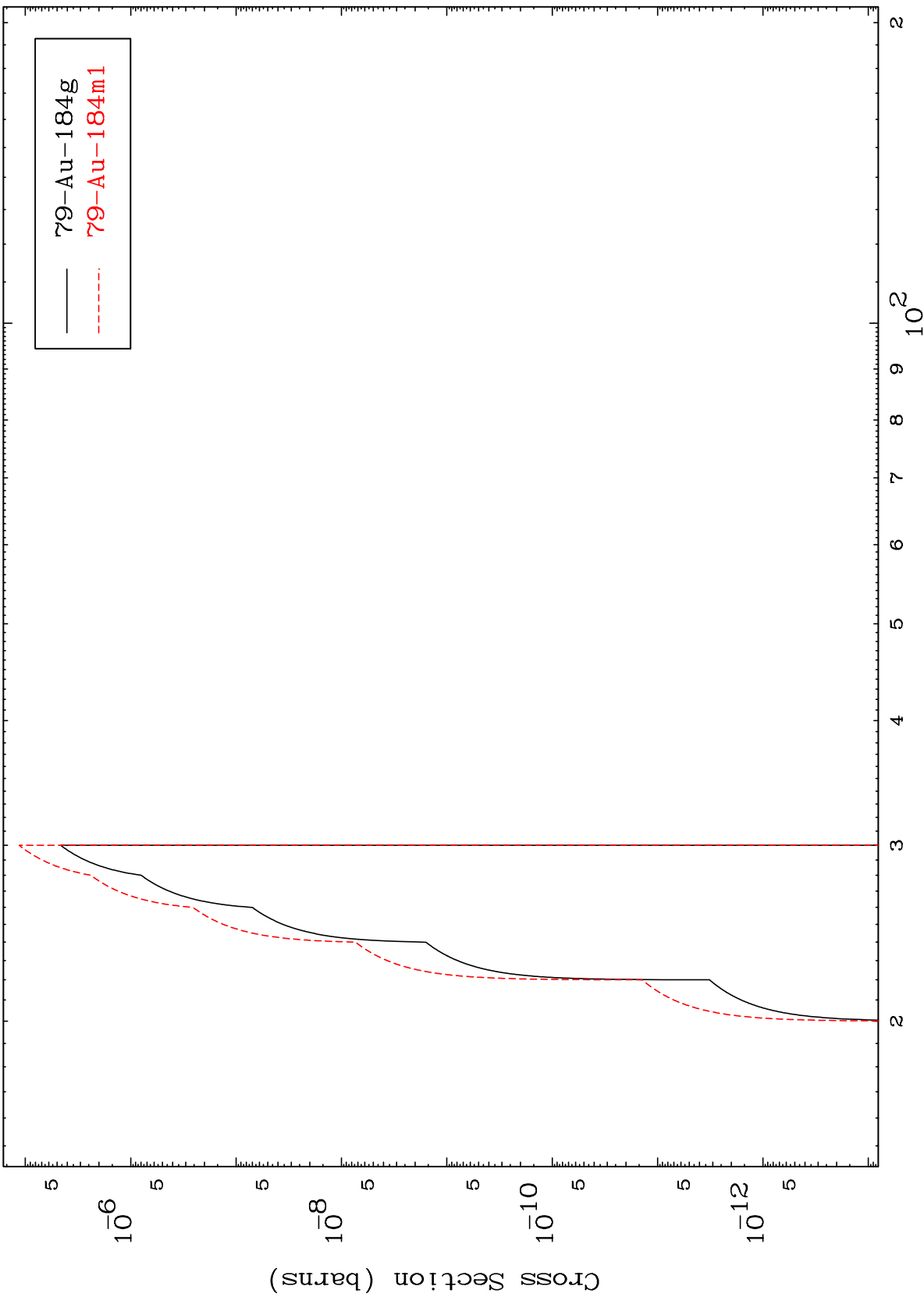


14

Incident Energy (MeV)

81-Tl-187

Radionuclide Production Cross Section

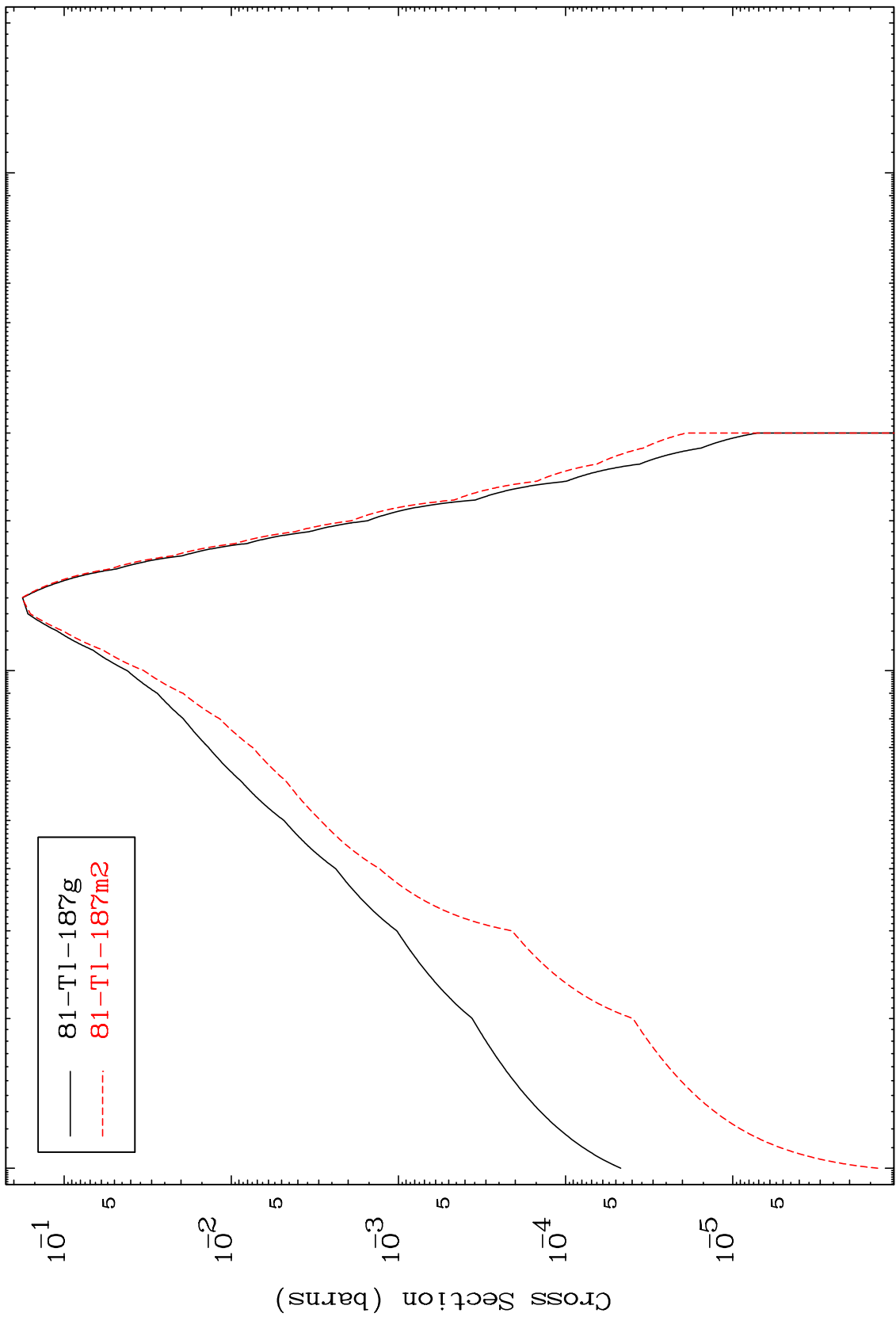


— $^{79}\text{Au-184g}$
- - - $^{79}\text{Au-184m1}$

MAT 80777

81-Tl-187

Radionuclide Production Cross Section



81-Tl-187g
81-Tl-187m2

81-Tl-187

Incident Energy (MeV)

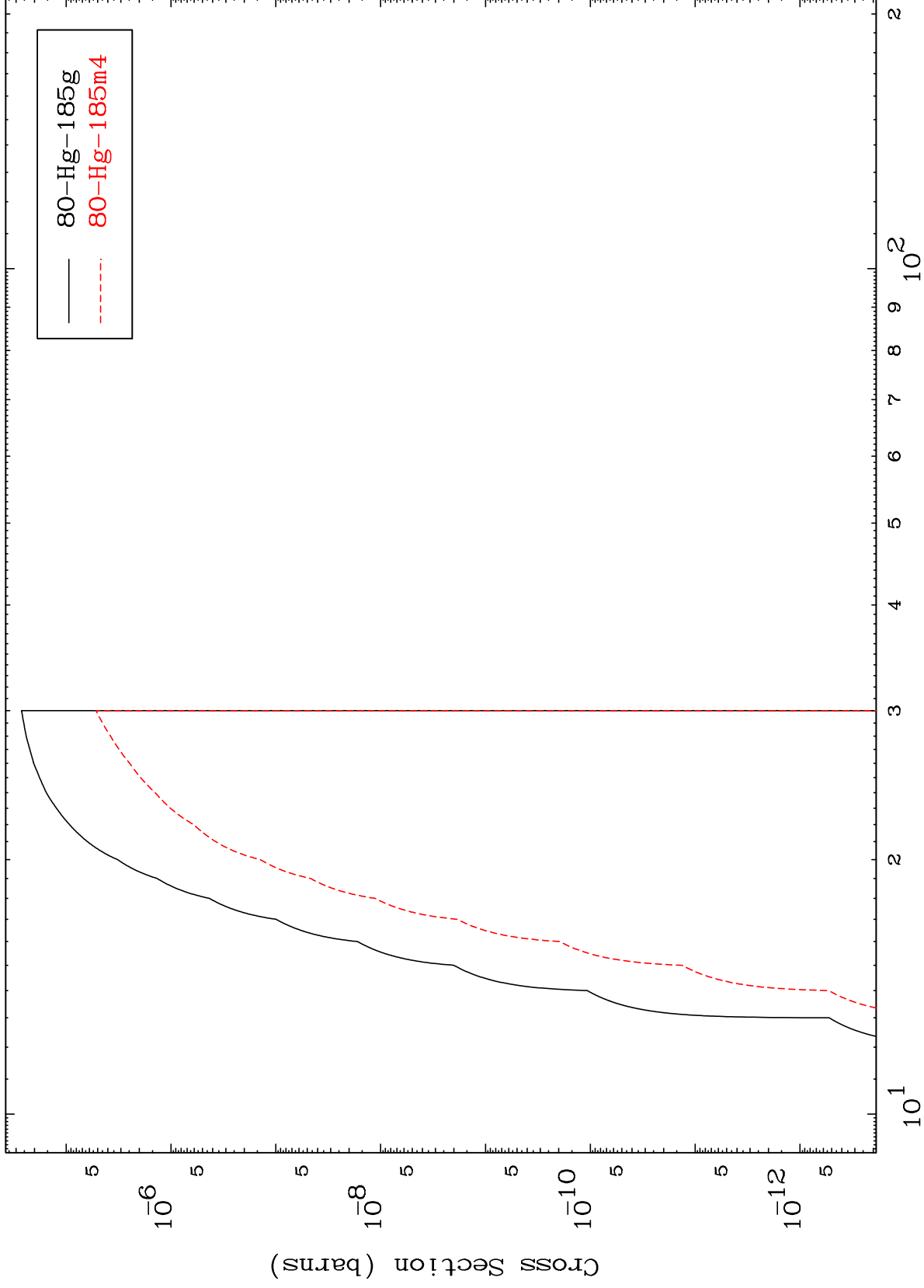
16

MAT 80777

(γ, d)

81-Tl-187

Radionuclide Production Cross Section

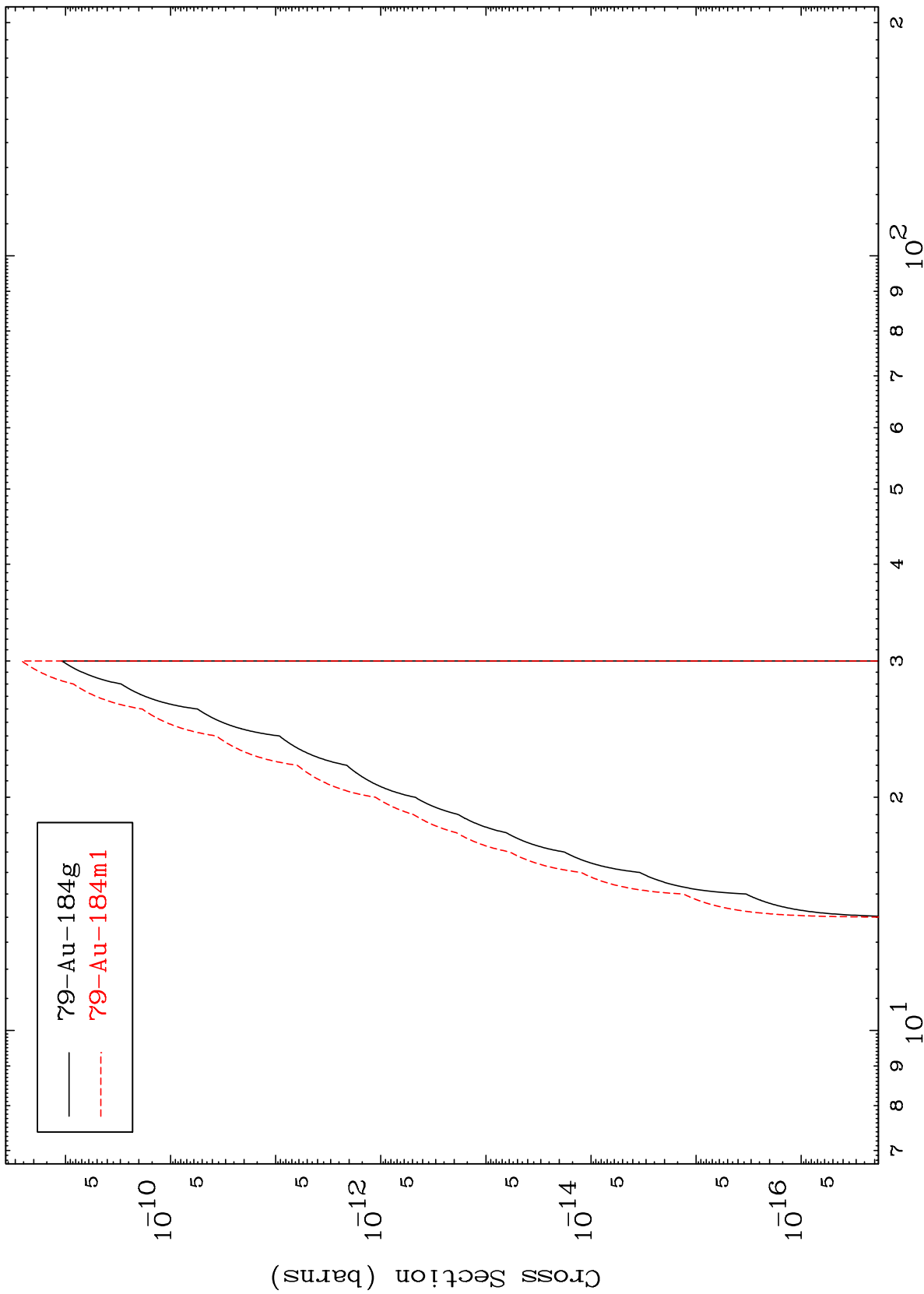


17

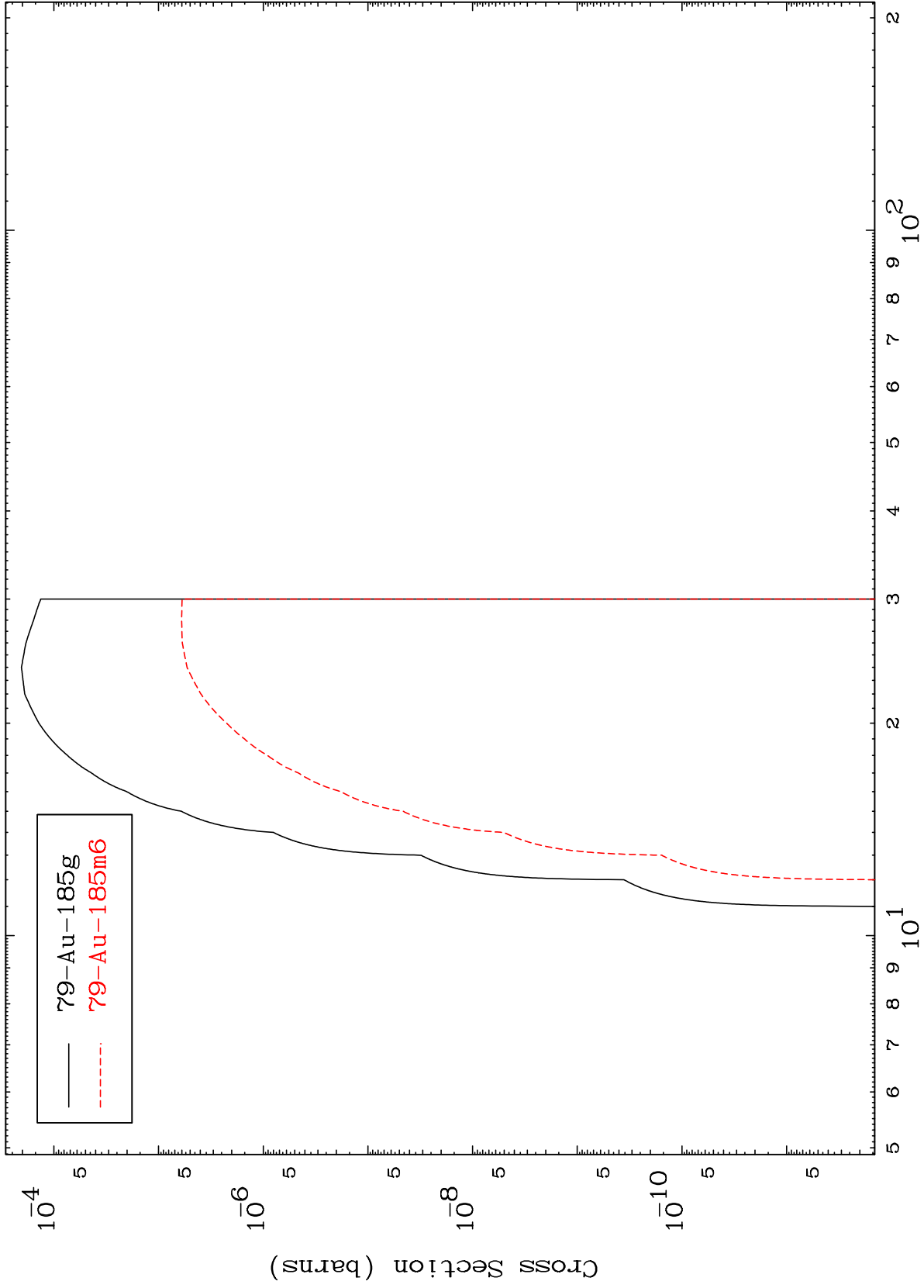
Incident Energy (MeV)

81-Tl-187

($\gamma, \text{He-3}$)
Radionuclide Production Cross Section



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



Radionuclide Production Cross Section

