

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

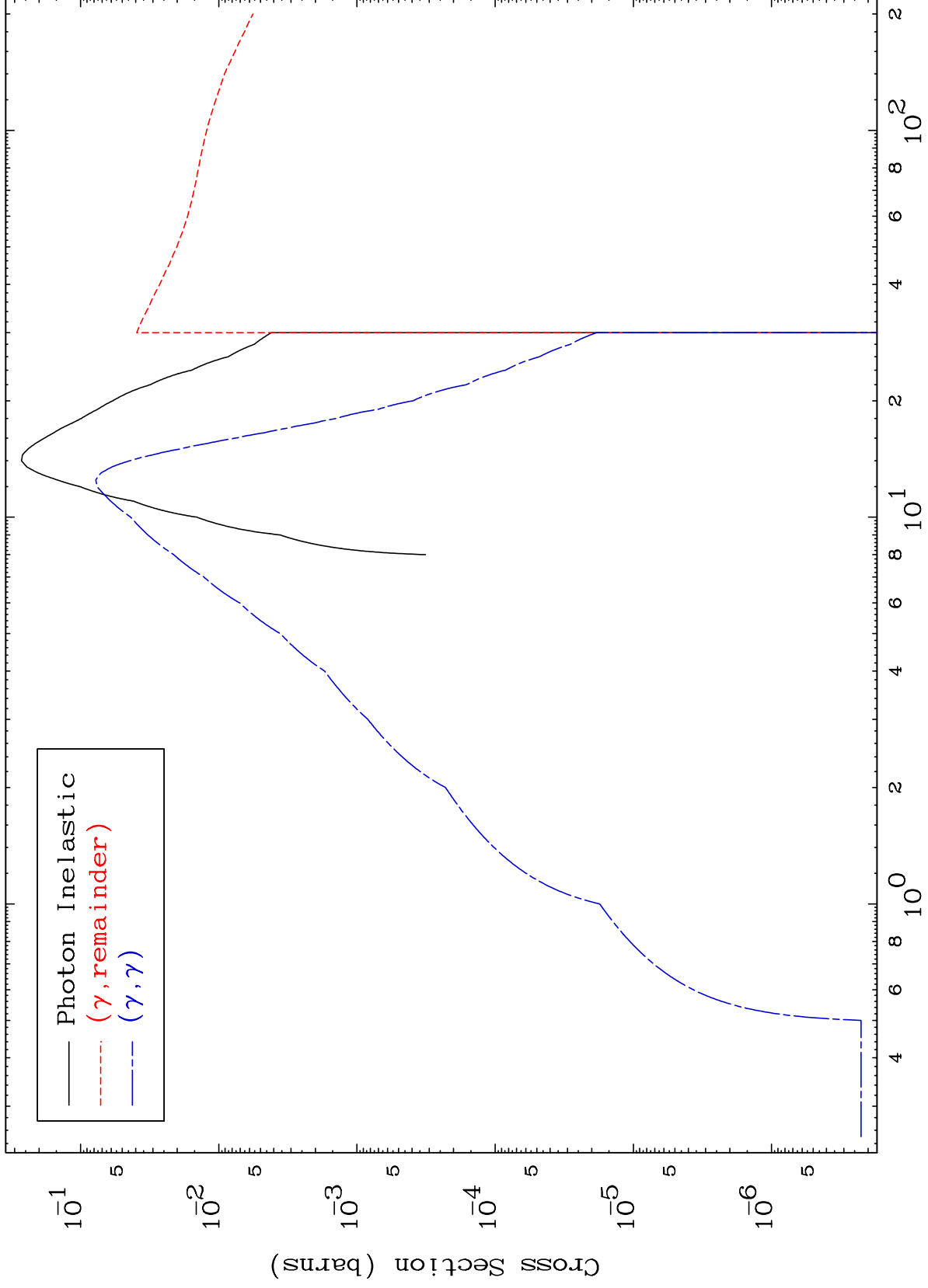
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8080

Photon Major  
0 Kelvin Cross Sections

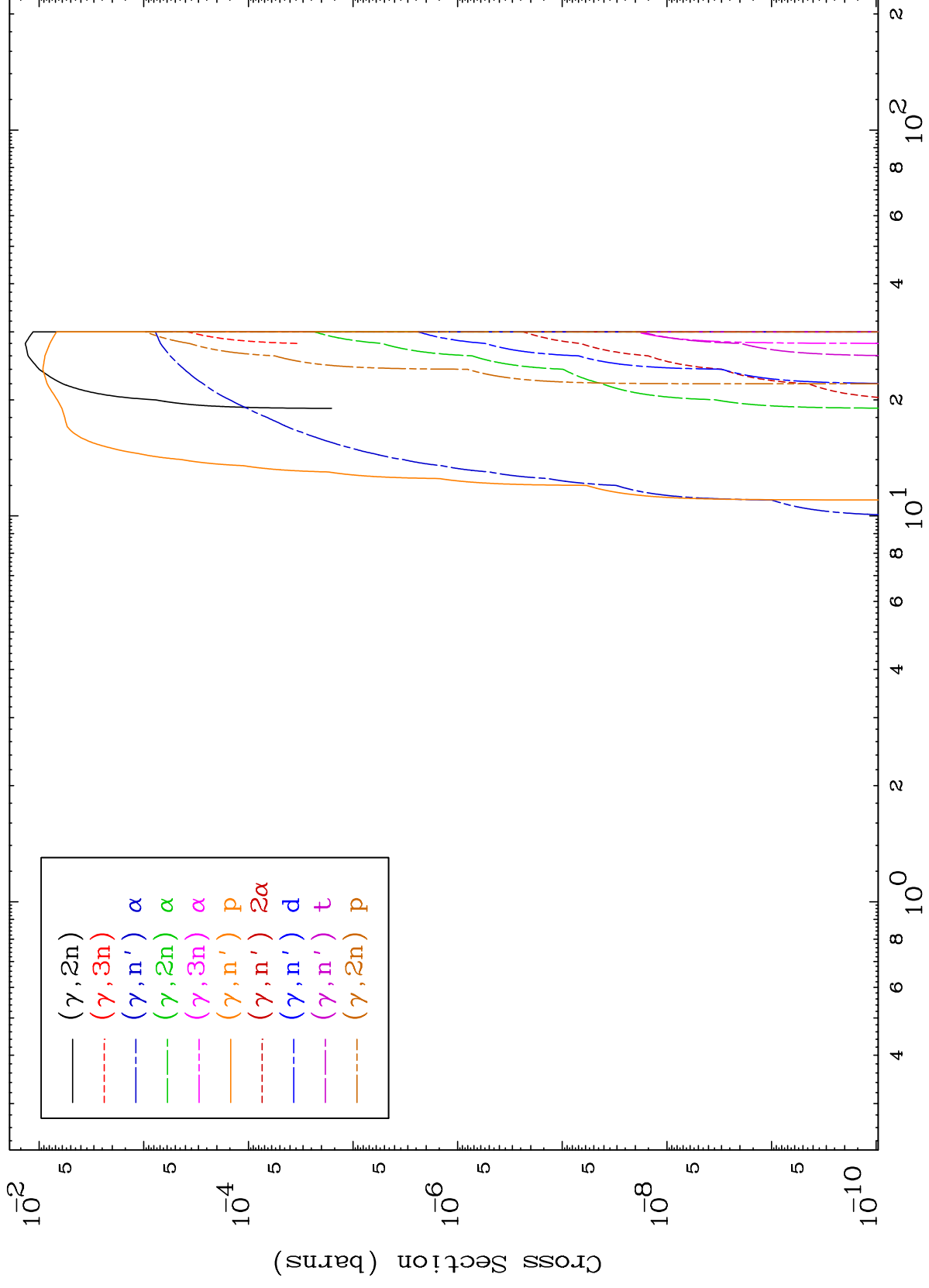
81-Tl-188

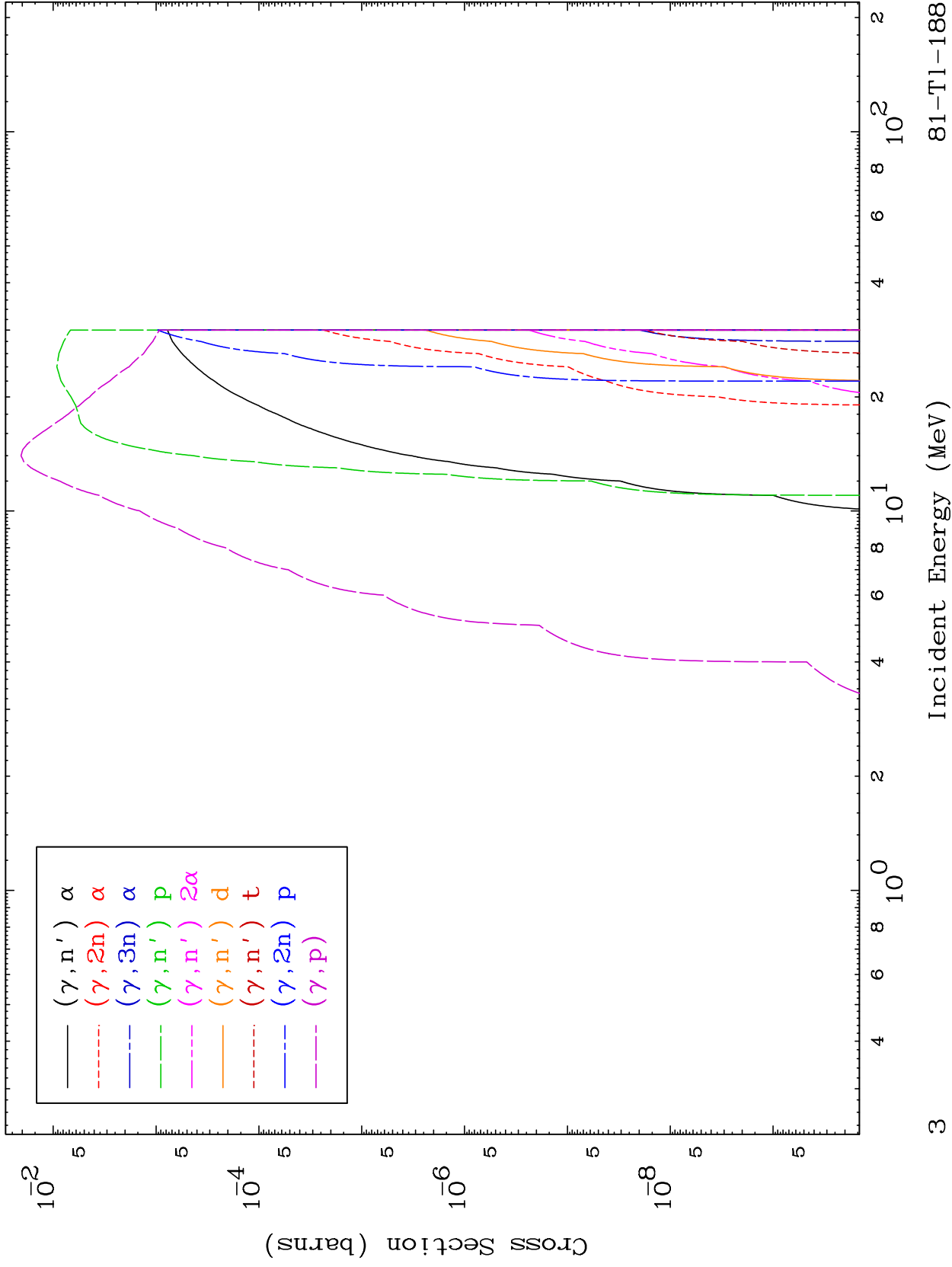


MAT 8080

Photon Neutron Production  
0 Kelvin Cross Sections

81-Tl-188

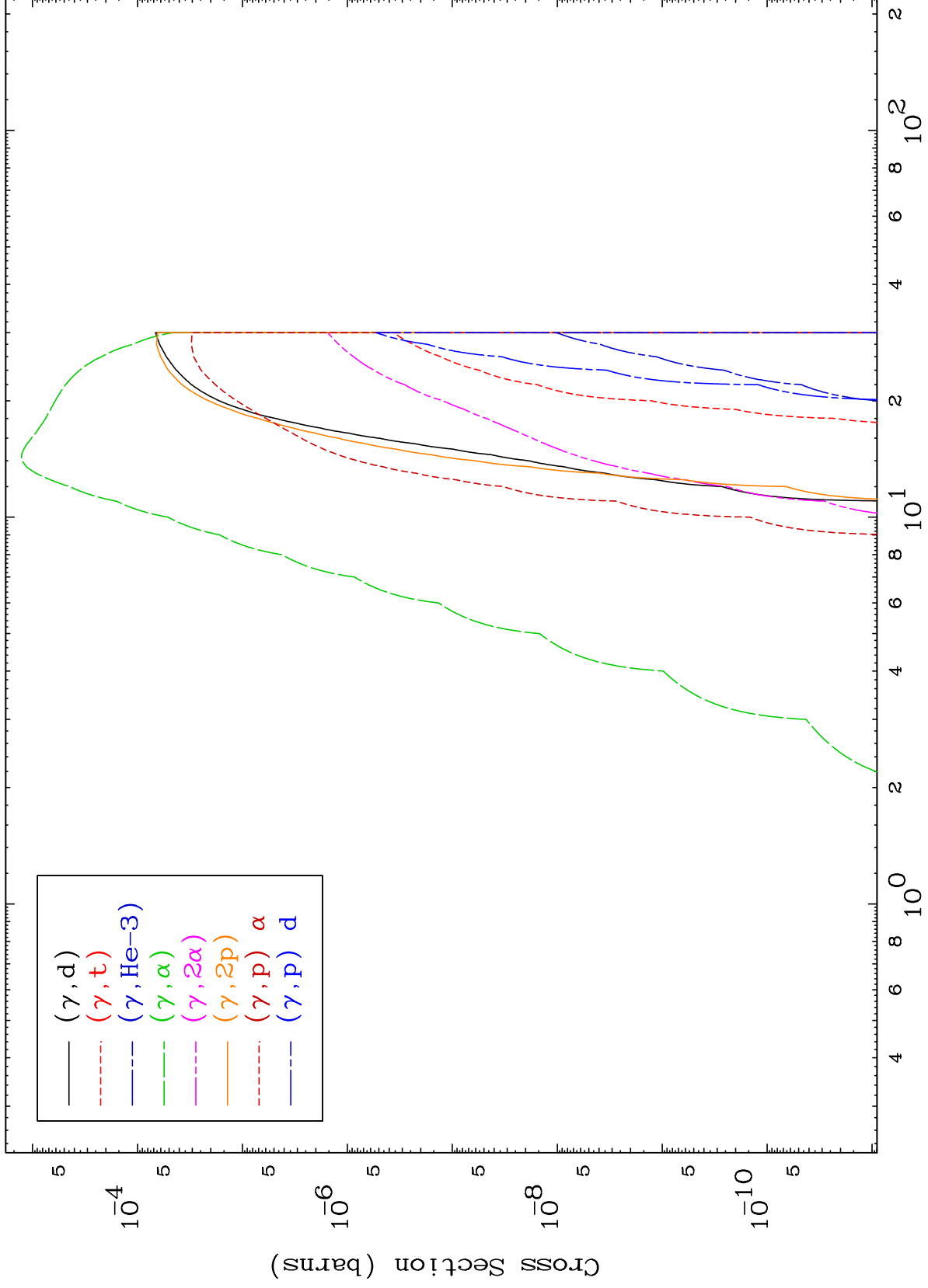




MAT 8080

Photon Charged Particle  
0 Kelvin Cross Sections

81-Tl-188

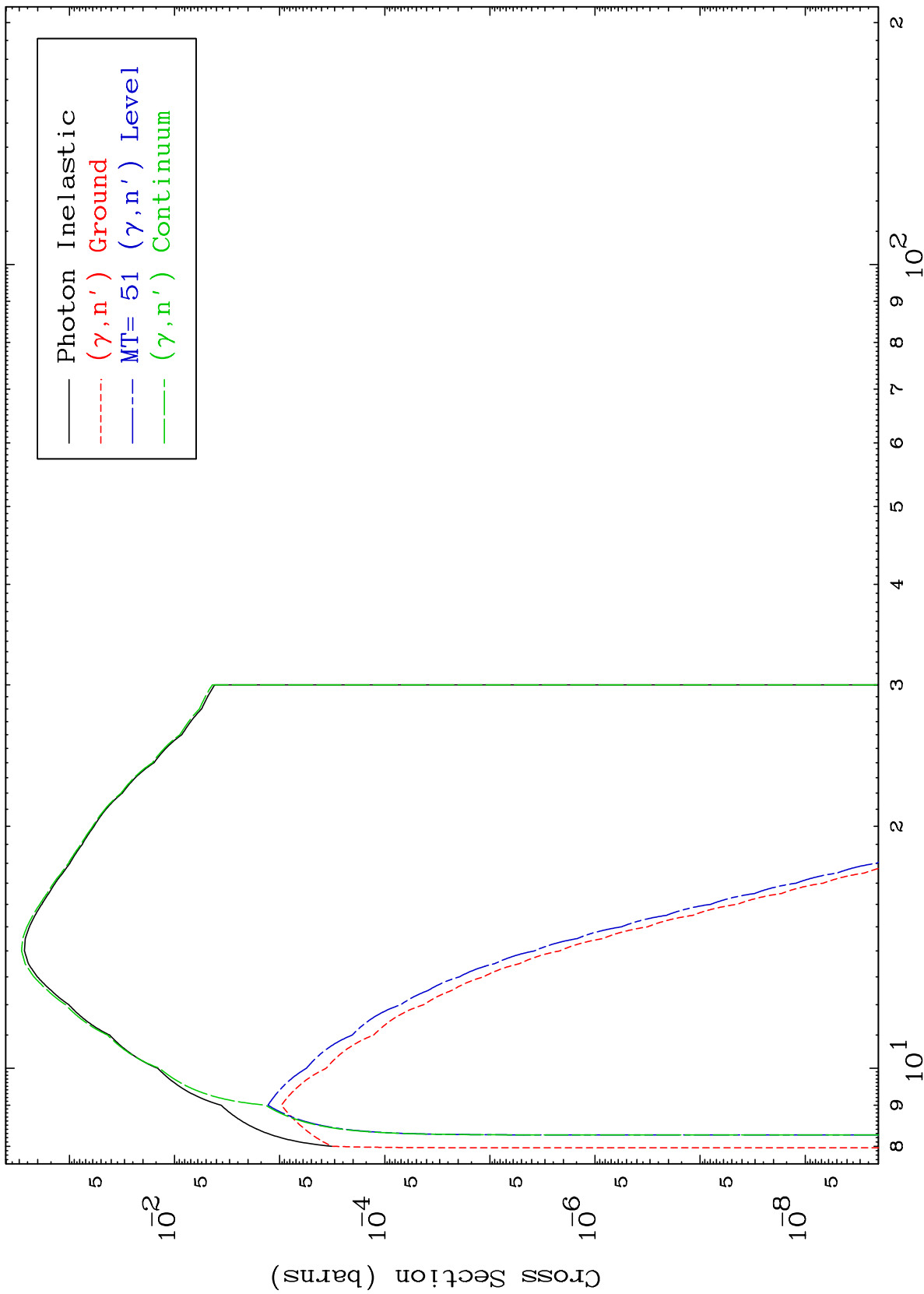


MAT 8080

$(\gamma, n')$  Level

81-Tl-188

0 Kelvin Cross Sections



Incident Energy (MeV)

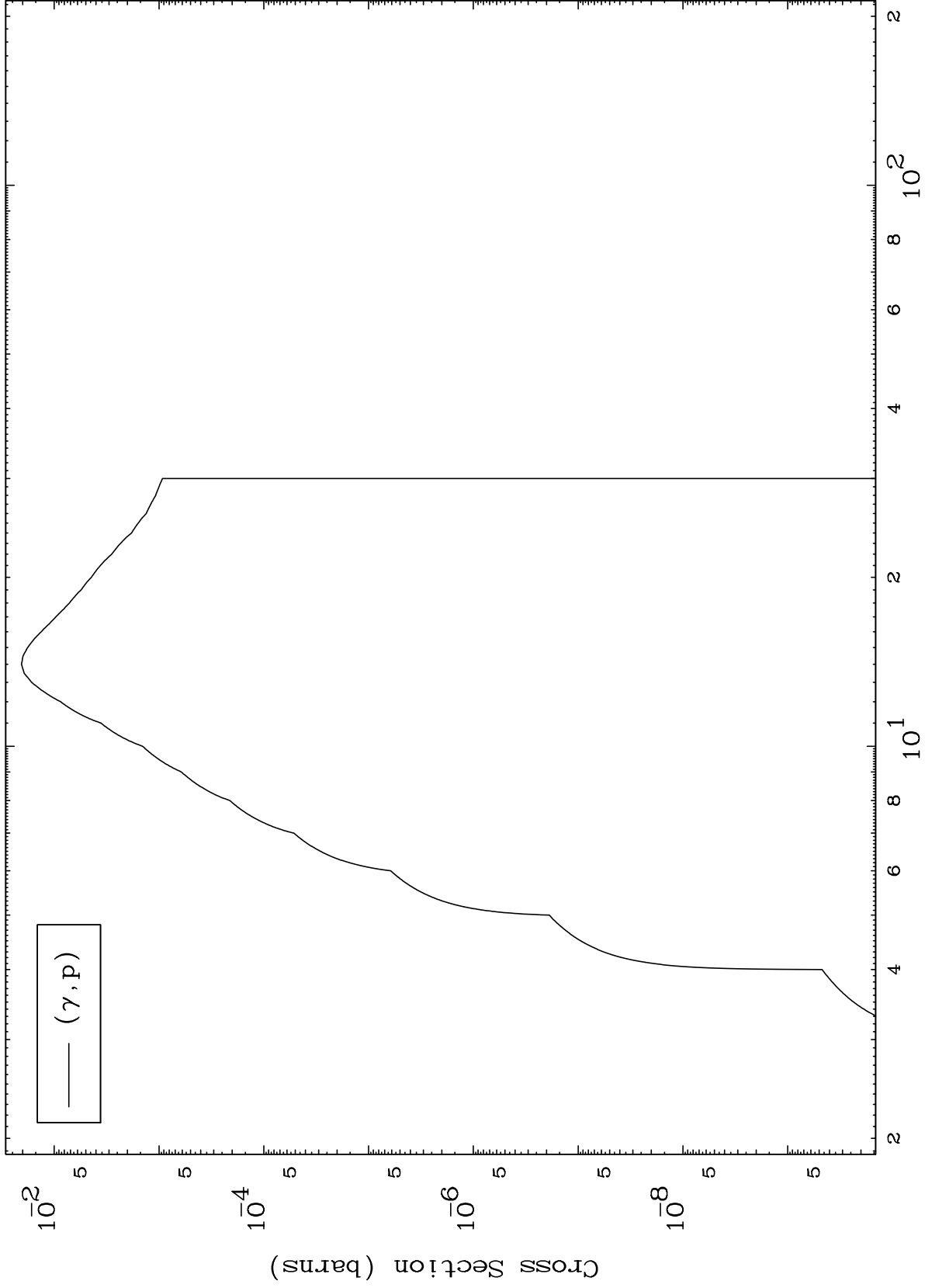
81-Tl-188

5

MAT 8080

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

81-Tl-188



6

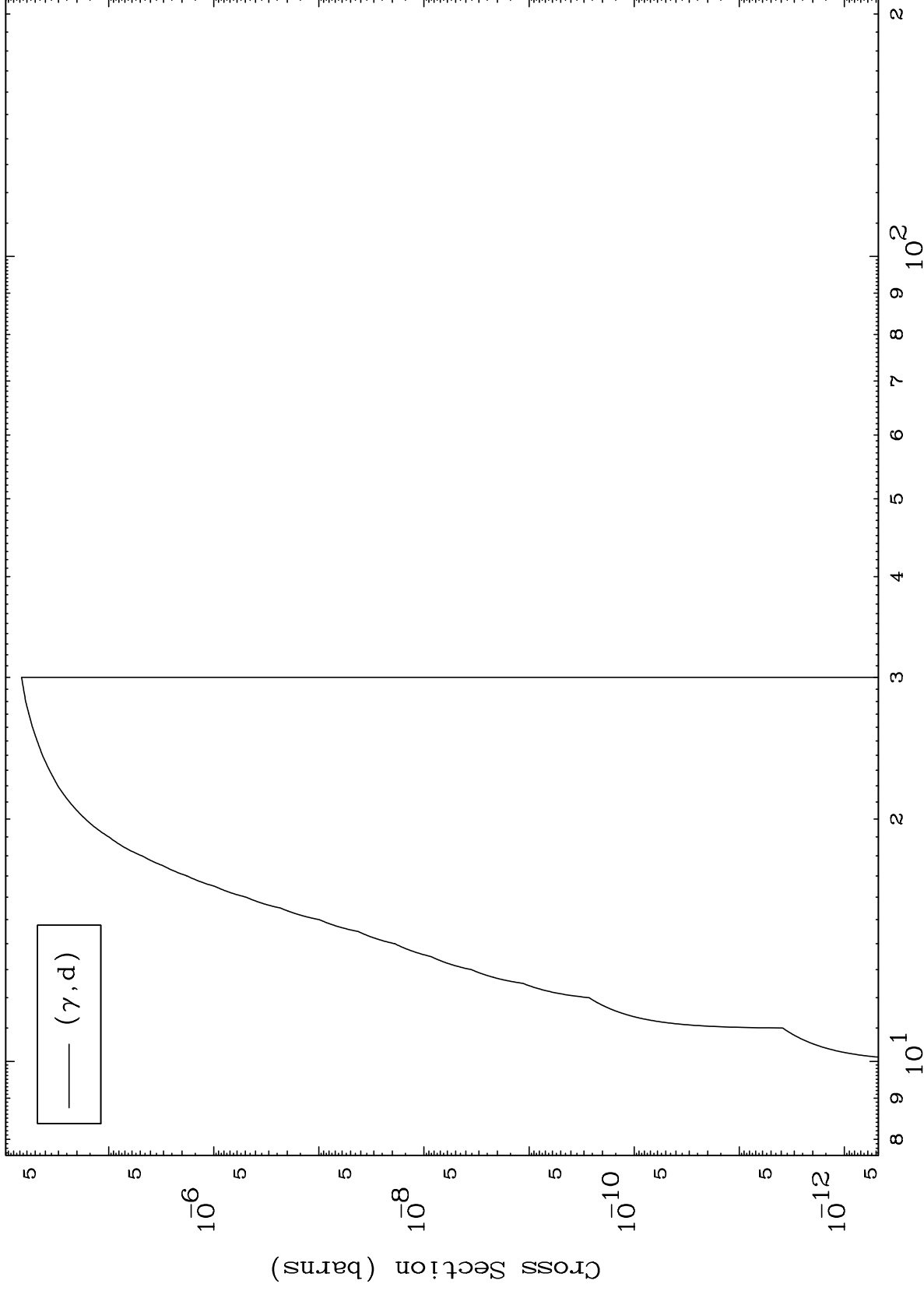
Incident Energy (MeV)

81-Tl-188

MAT 8080

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

81-Tl-188



Incident Energy (MeV)

81-Tl-188

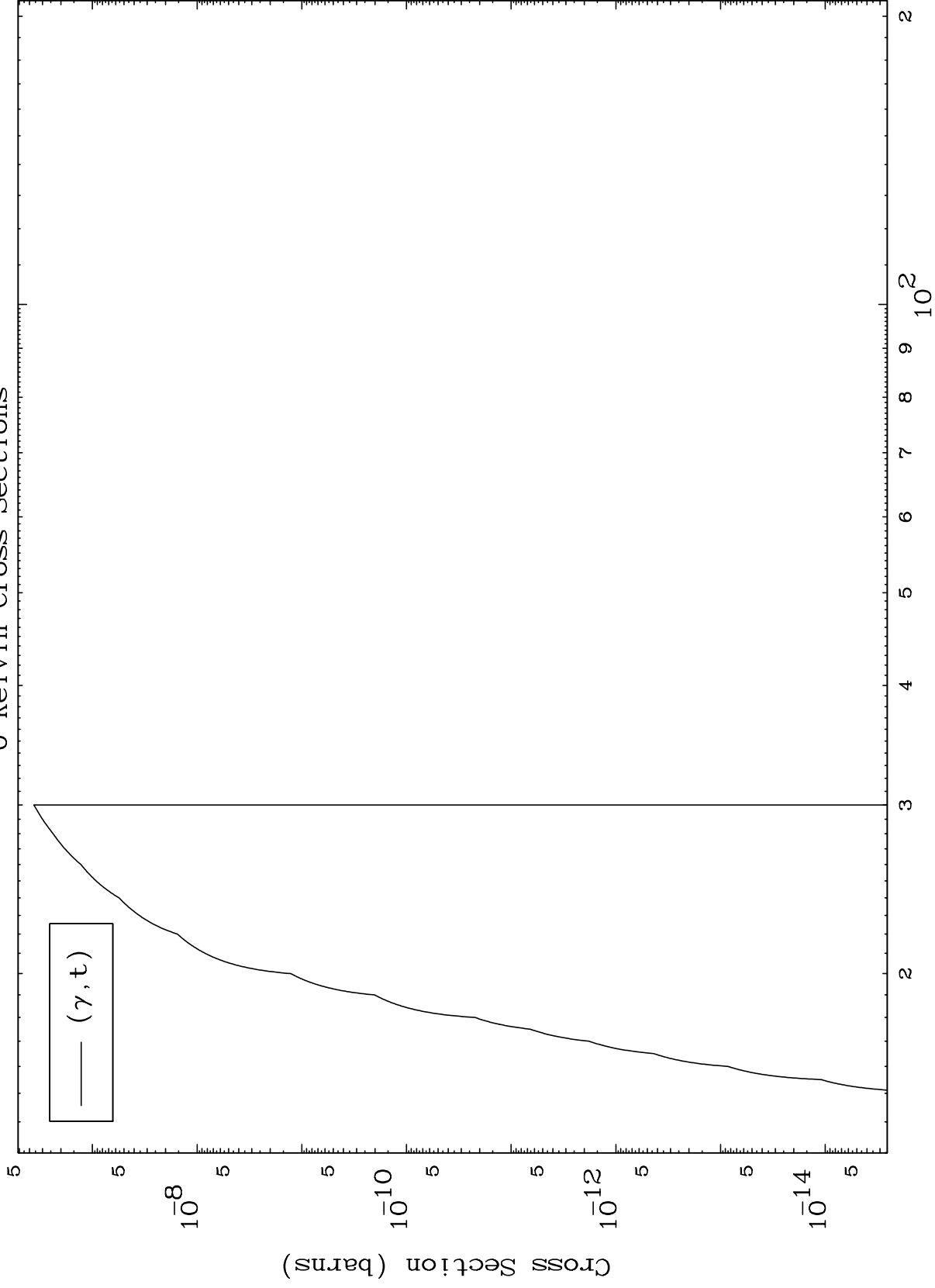
7



MAT 8080

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

81-Tl-188



8

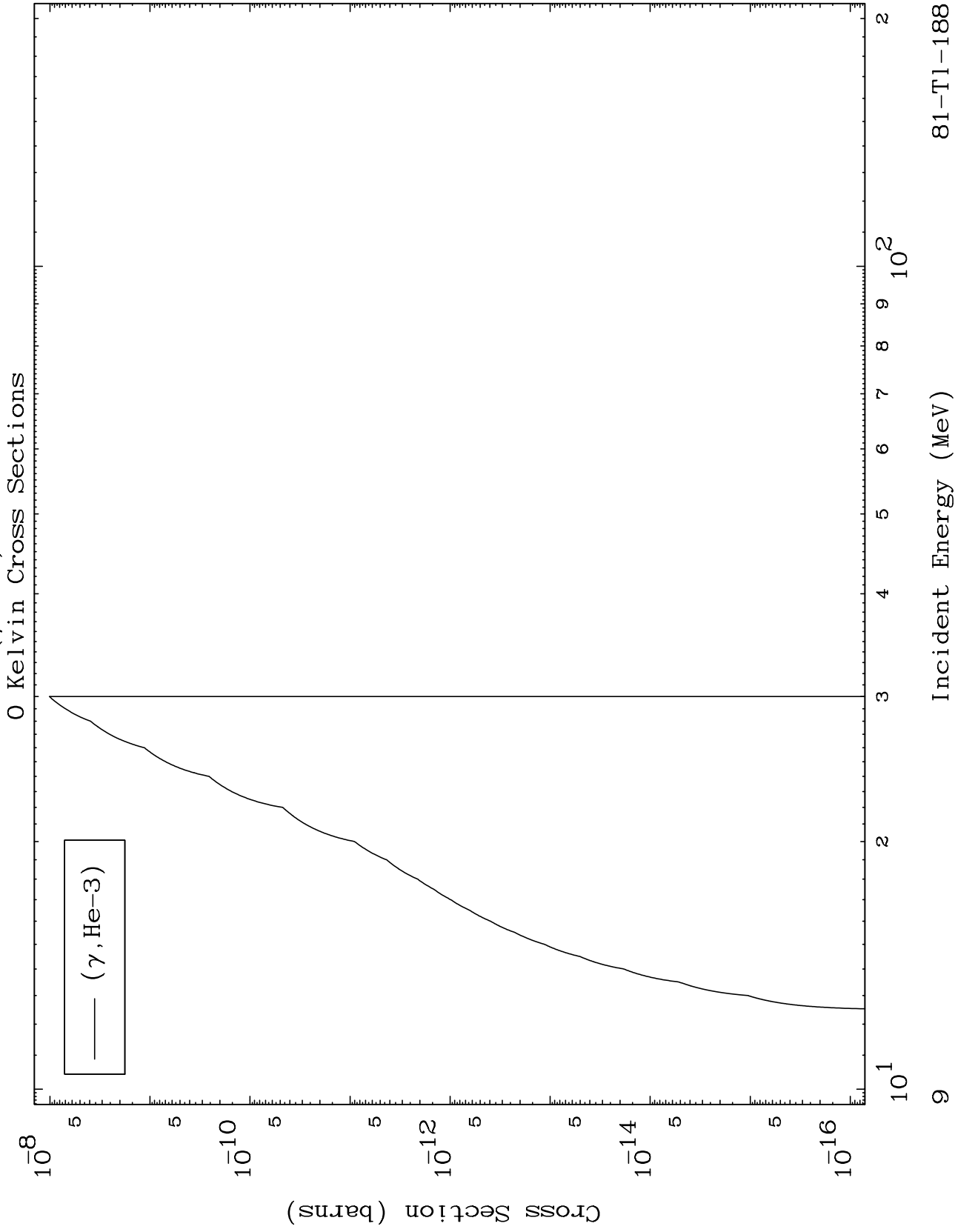
Incident Energy (MeV)

81-Tl-188

MAT 8080

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

81-Tl-188

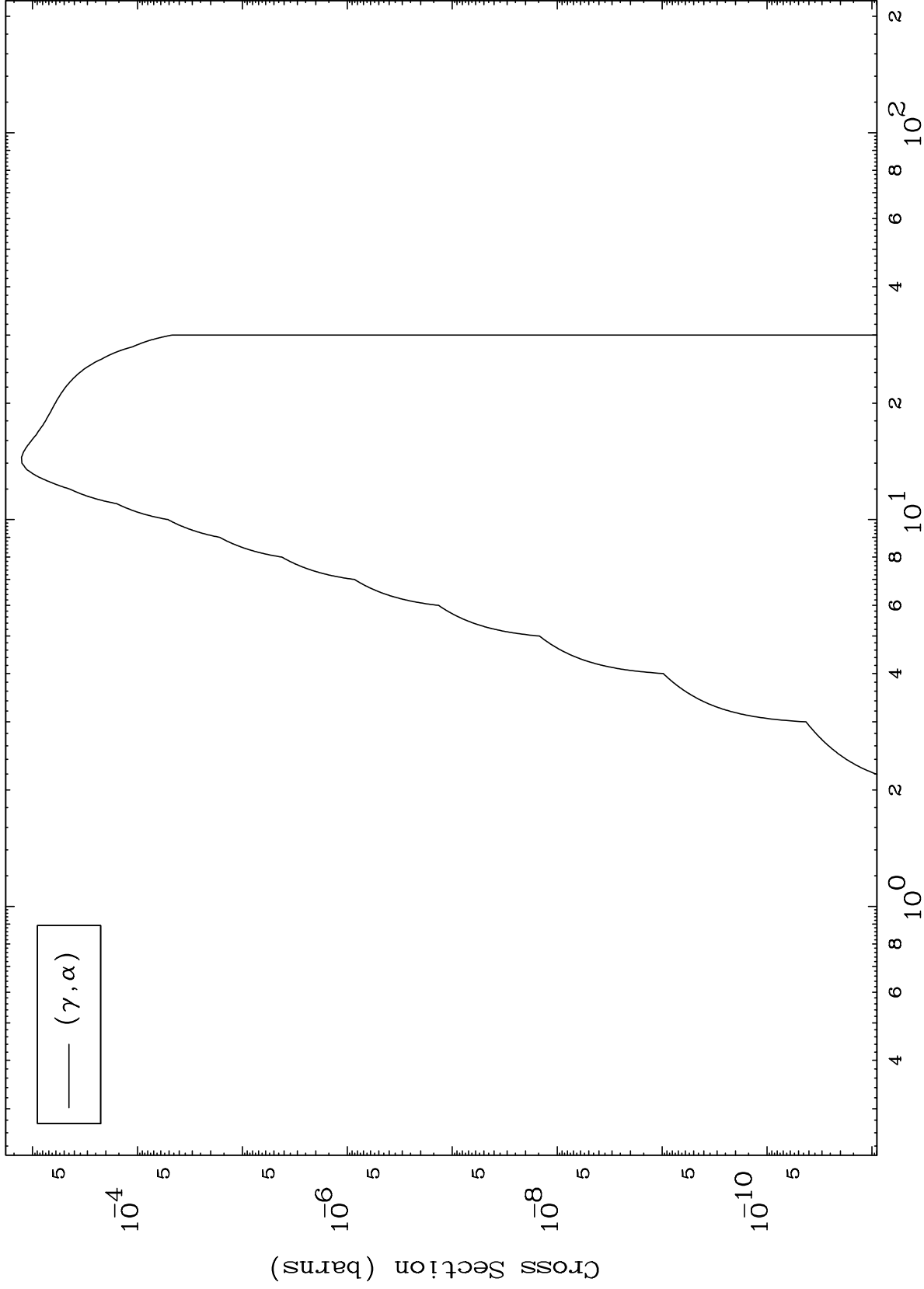


MAT 8080

( $\gamma, \alpha$ ) Levels

81-Tl-188

0 Kelvin Cross Sections

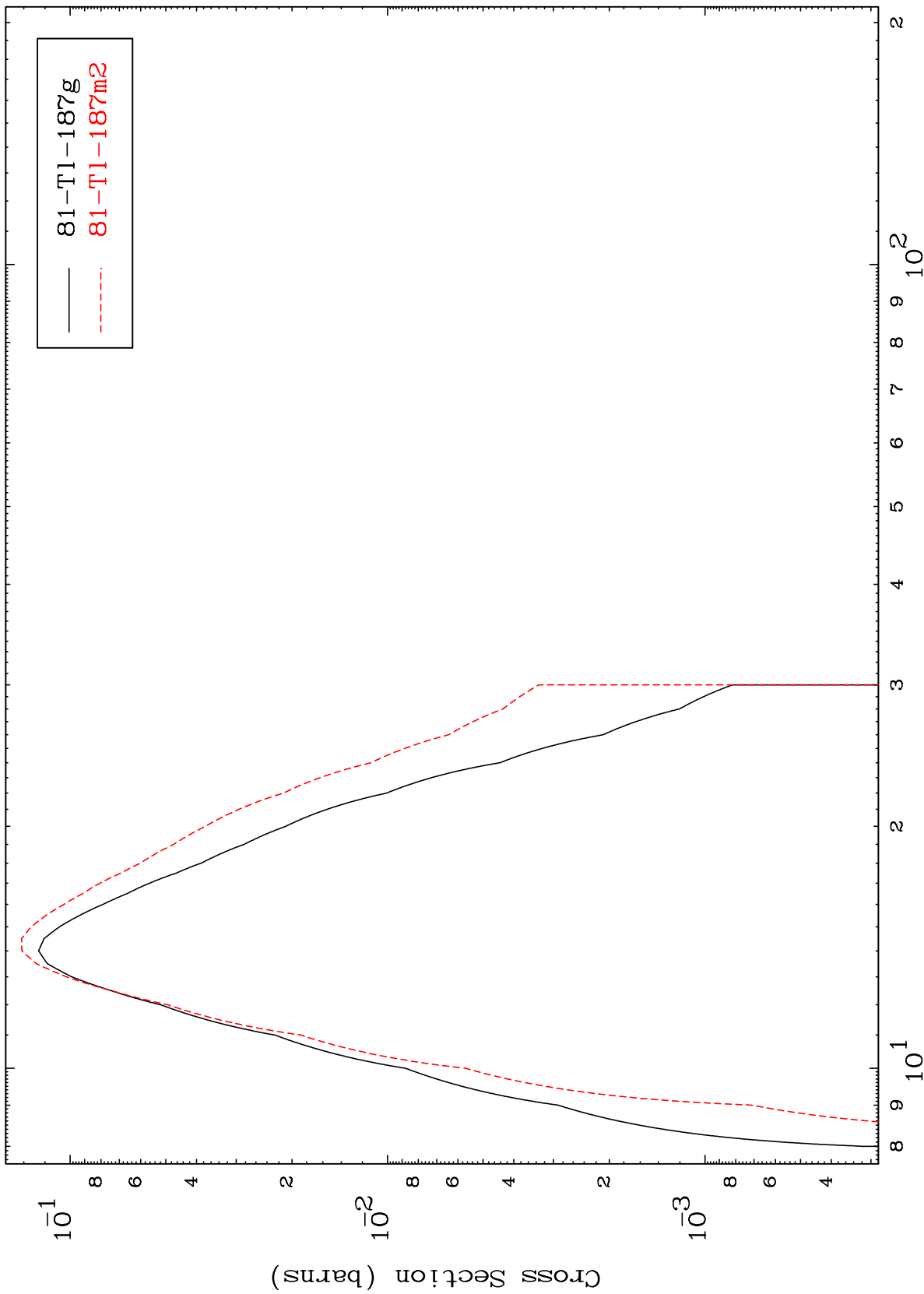


10

Incident Energy (MeV)

81-Tl-188

Photon Inelastic  
Radionuclide Production Cross Section

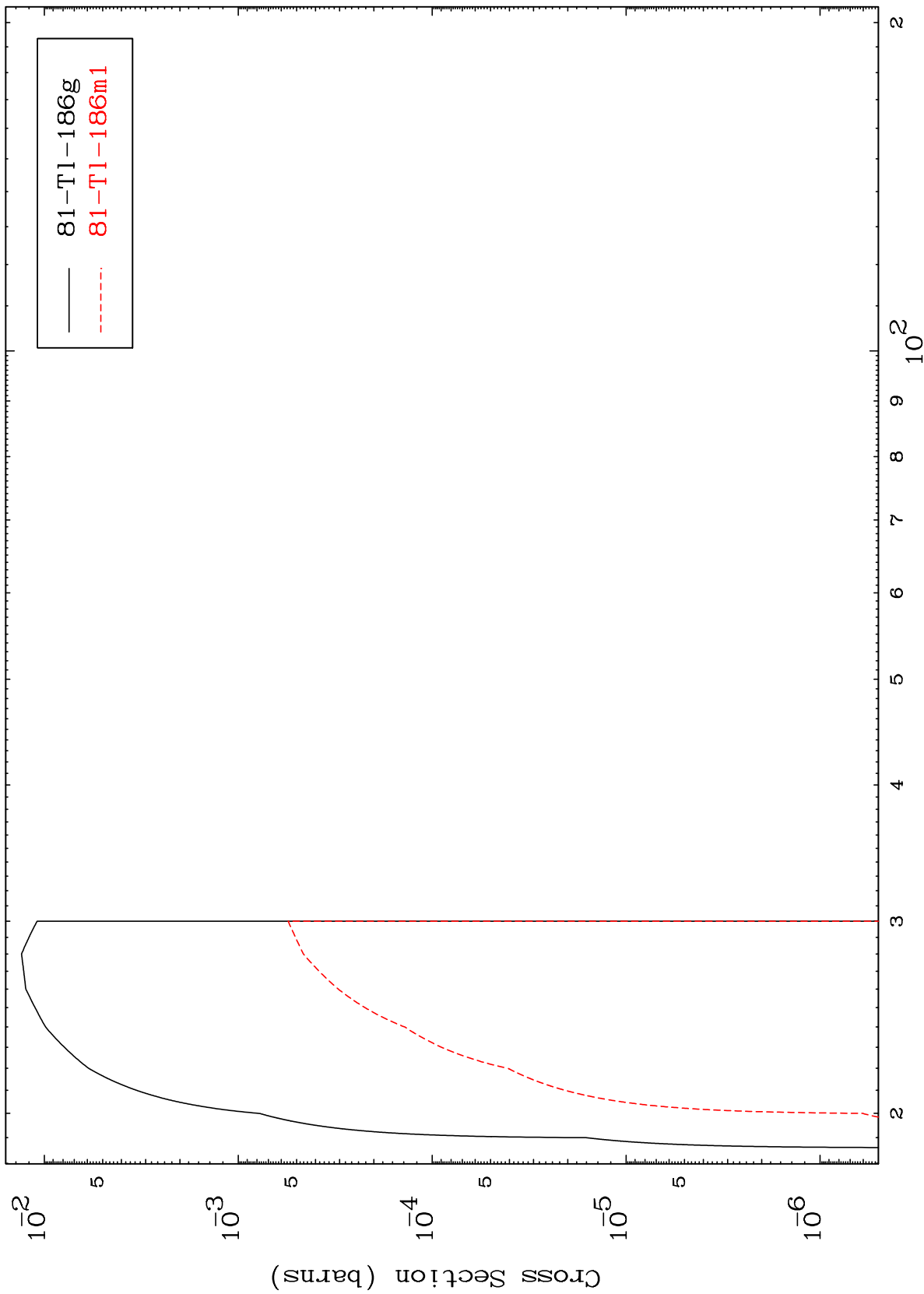


81-Tl-187g  
81-Tl-187m2

MAT 8080

81-Tl-188

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



81-Tl-188

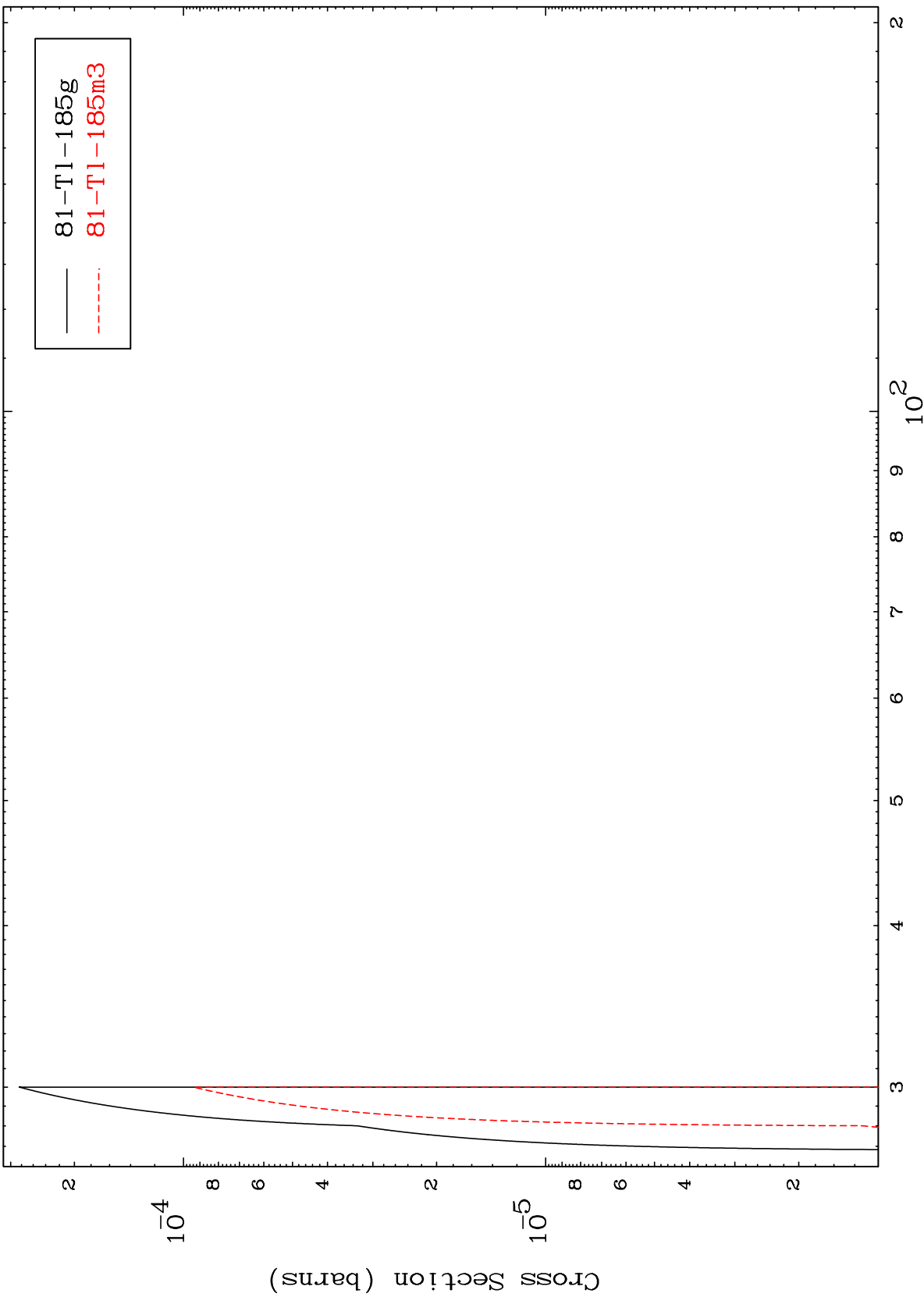
Incident Energy (MeV)

12

MAT 8080

81-Tl-188

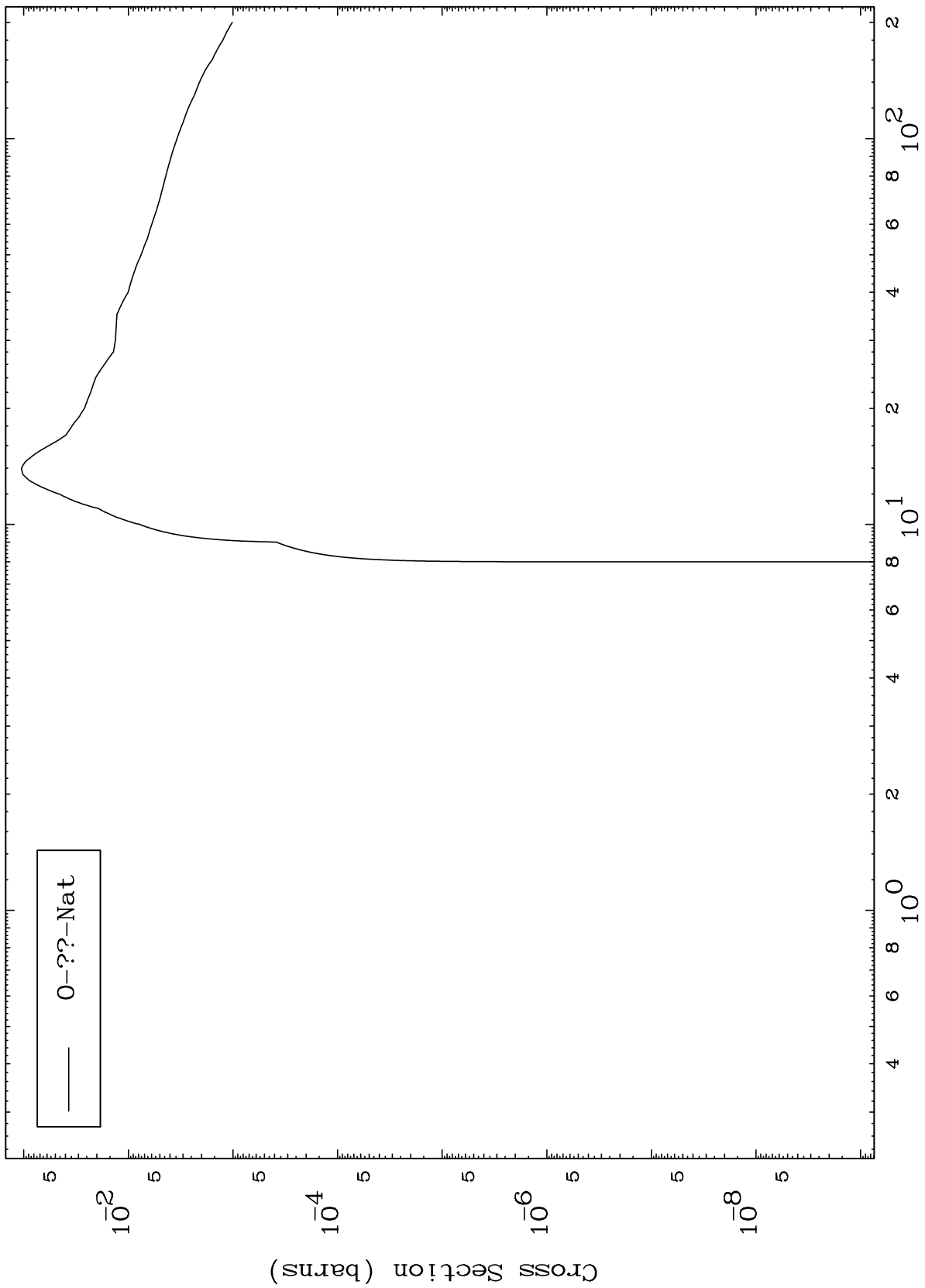
( $\gamma, 3n$ )  
Radionuclide Production Cross Section



MAT 8080

81-Tl-188

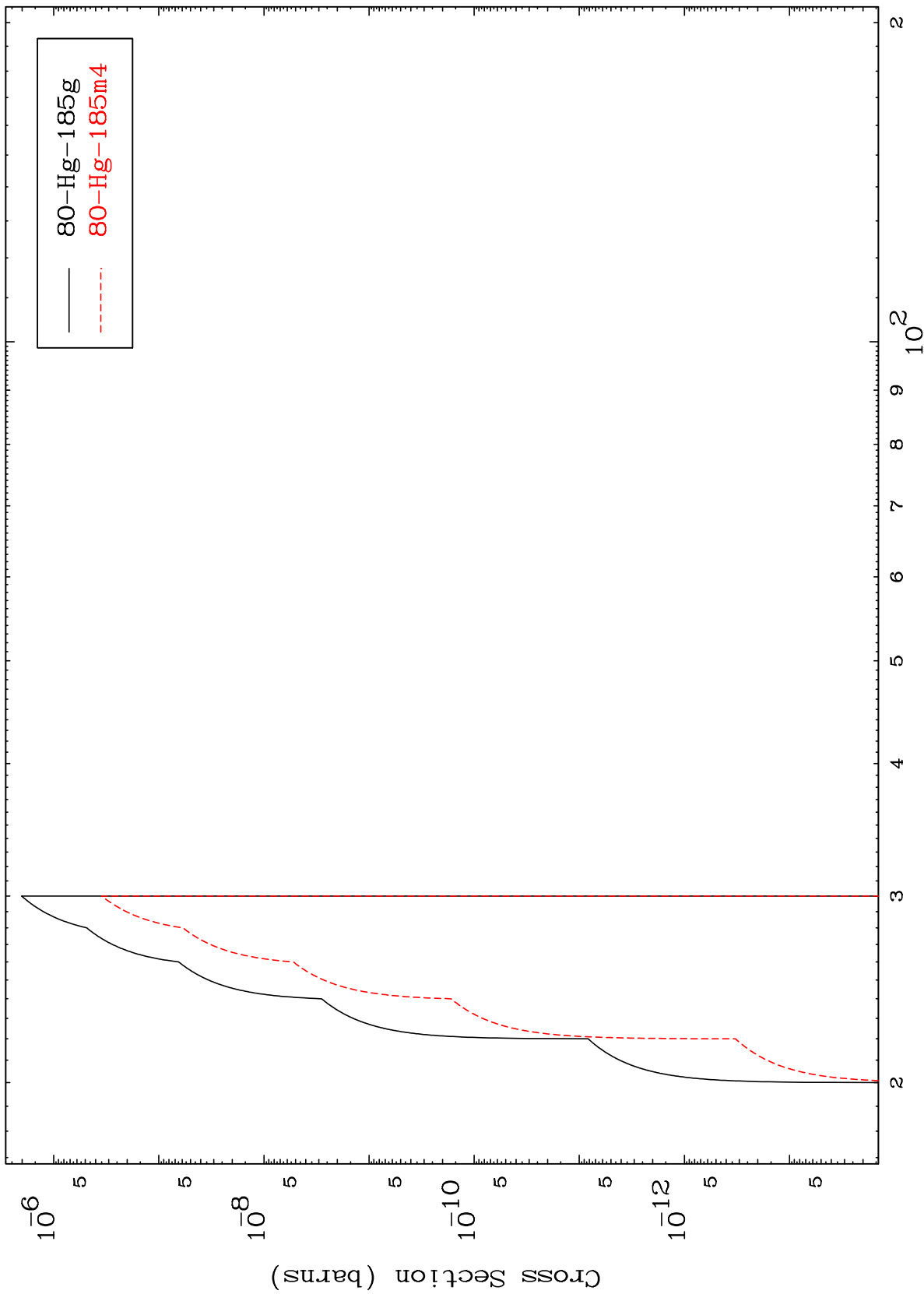
Photon Fission  
Radionuclide Production Cross Section



14

81-Tl-188

Radionuclide Production Cross Section



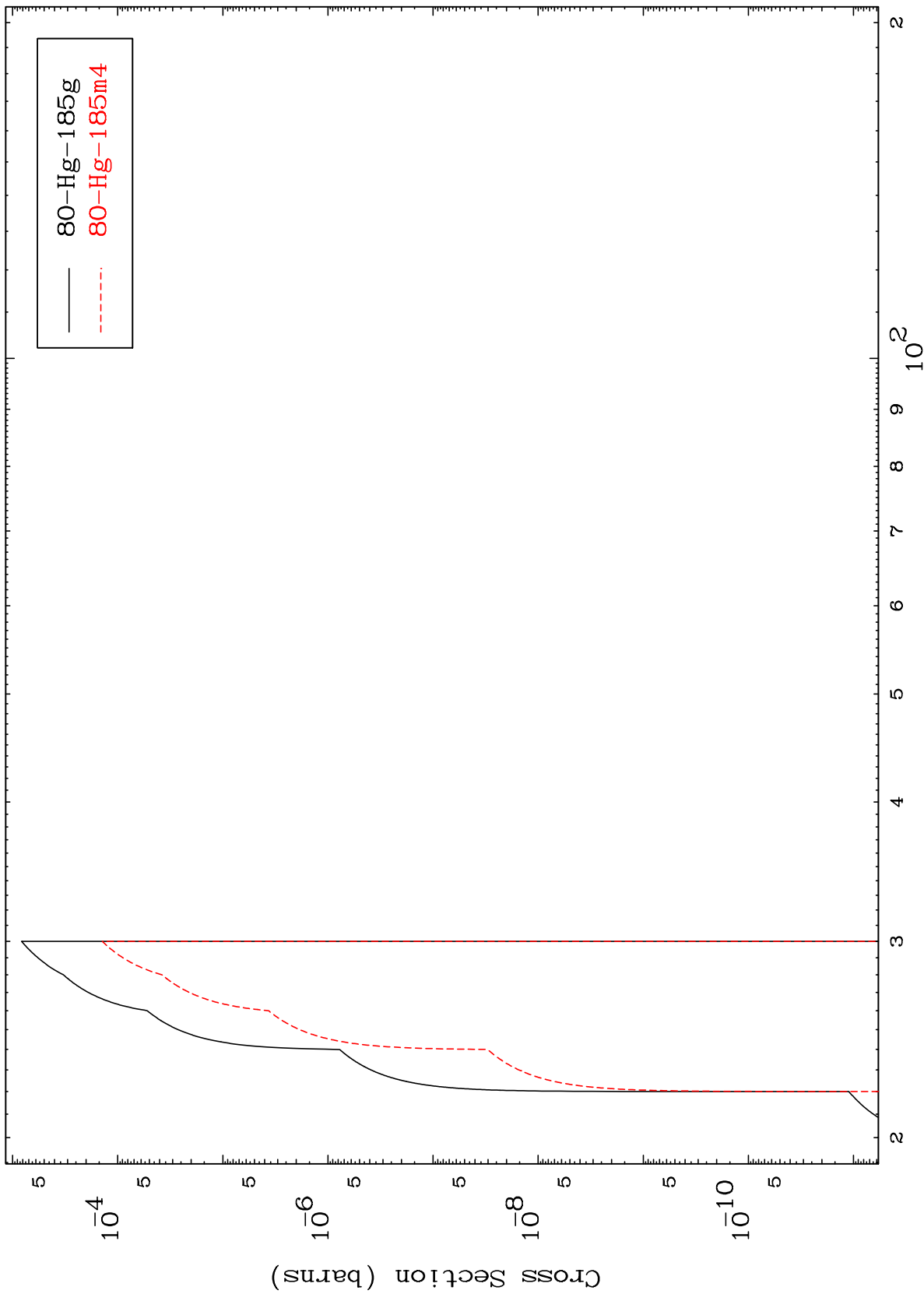


MAT 8080

( $\gamma, 2n$ ) p

81-Tl-188

Radionuclide Production Cross Section

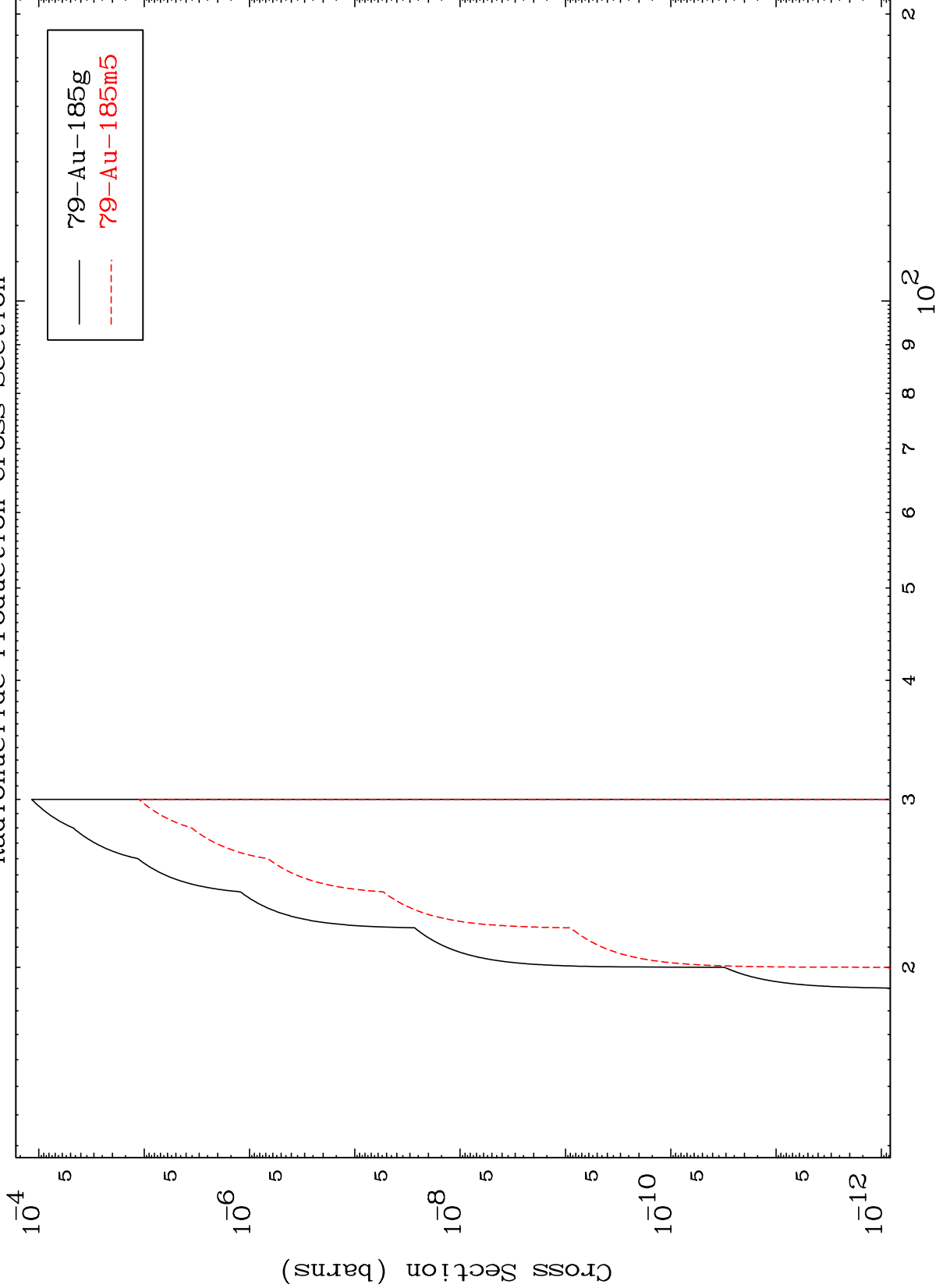


16

Incident Energy (MeV)

81-Tl-188

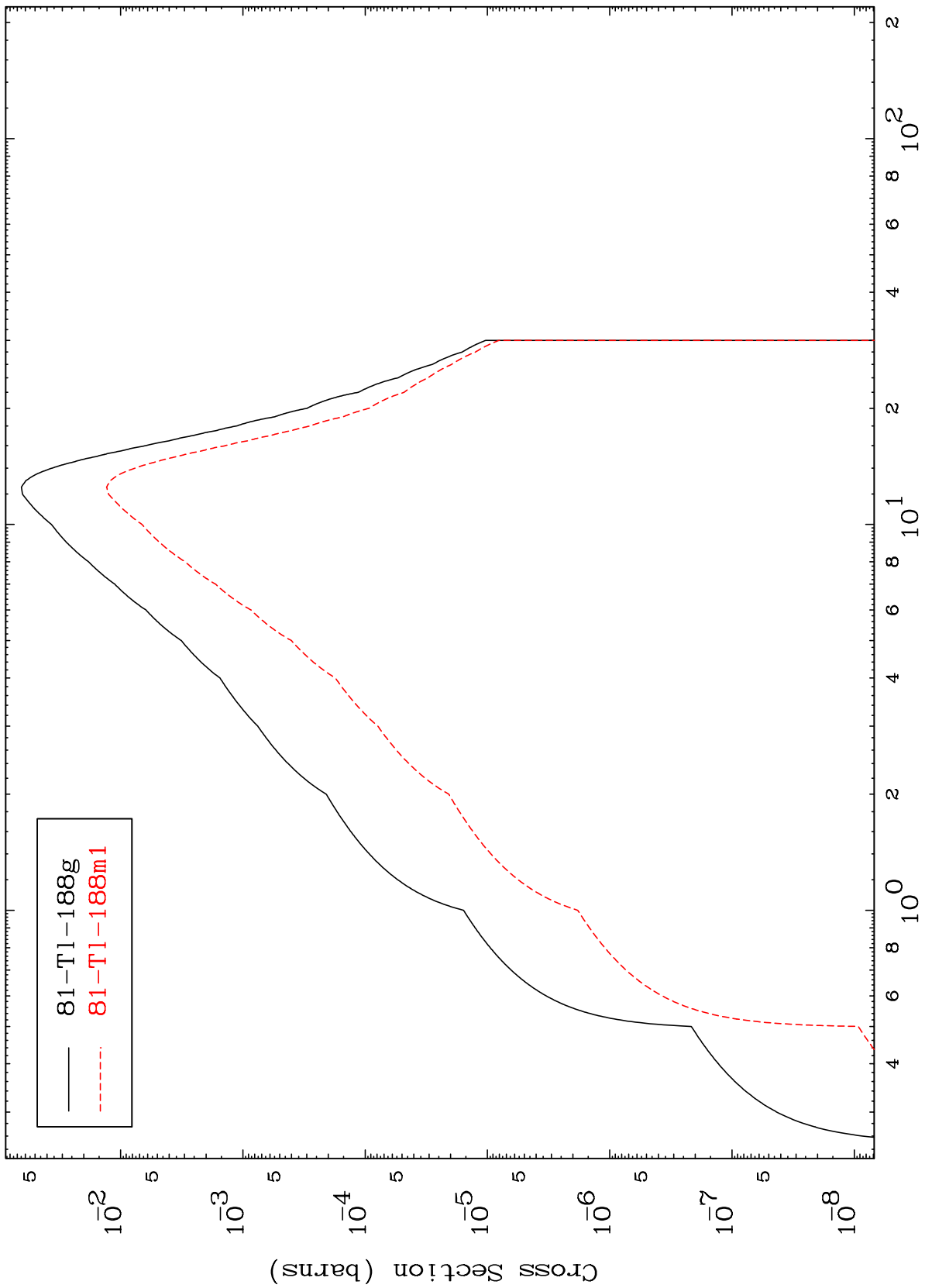
Radionuclide Production Cross Section



MAT 8080

81-Tl-188

Radionuclide Production Cross Section



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

18

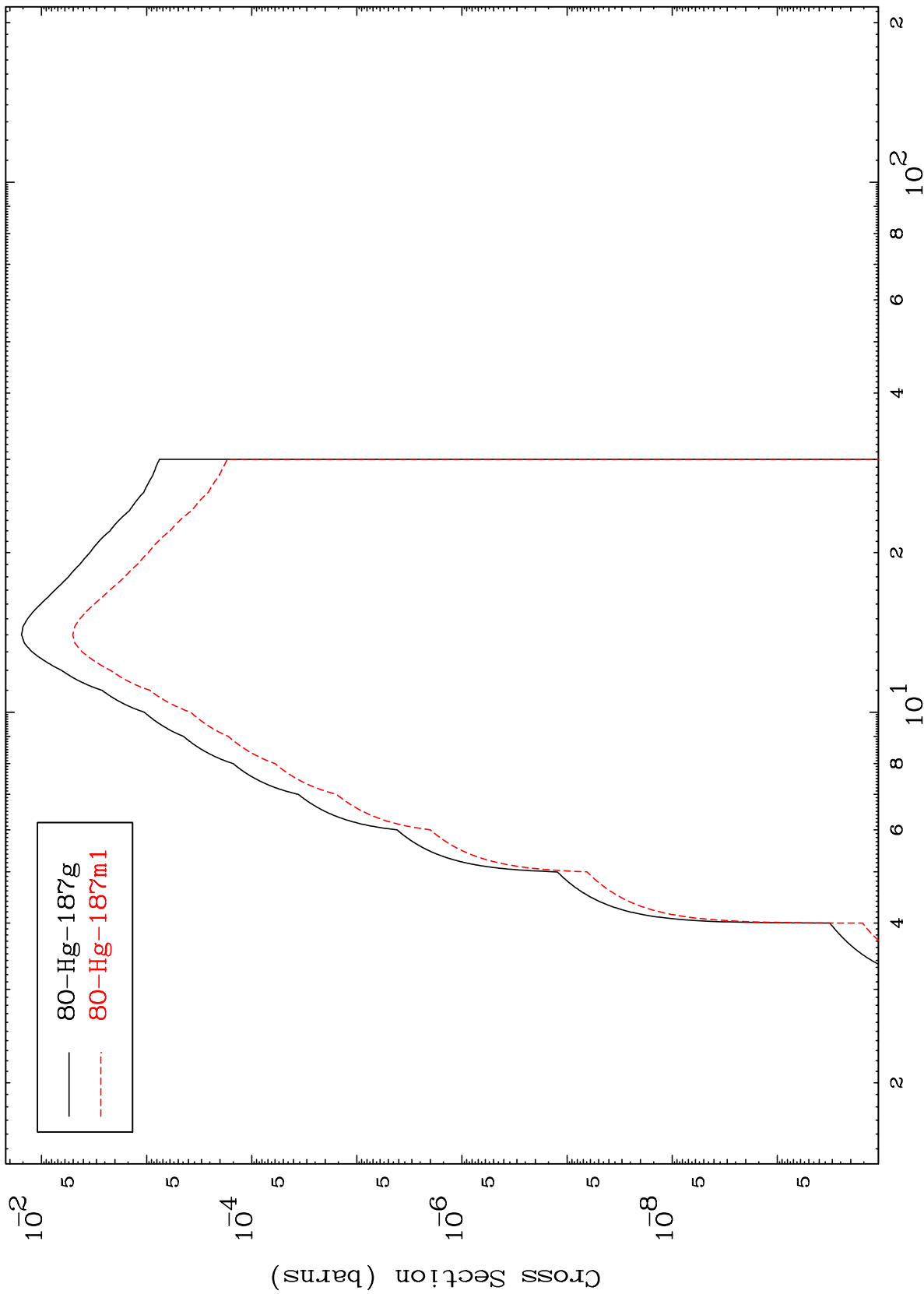
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

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



19

Incident Energy (MeV)

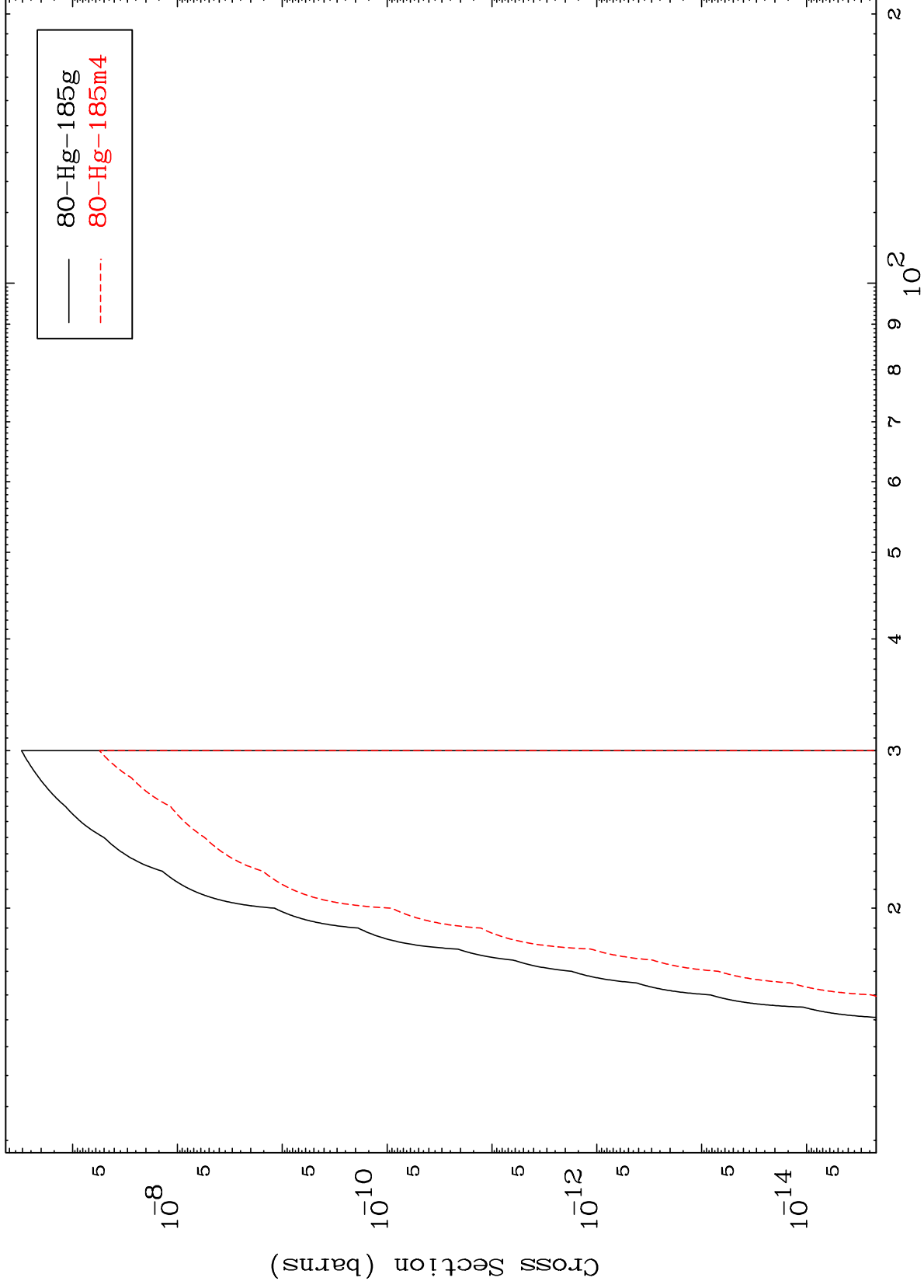
81-Tl-188

MAT 8080

( $\gamma, t$ )

81-Tl-188

Radionuclide Production Cross Section



20

Incident Energy (MeV)

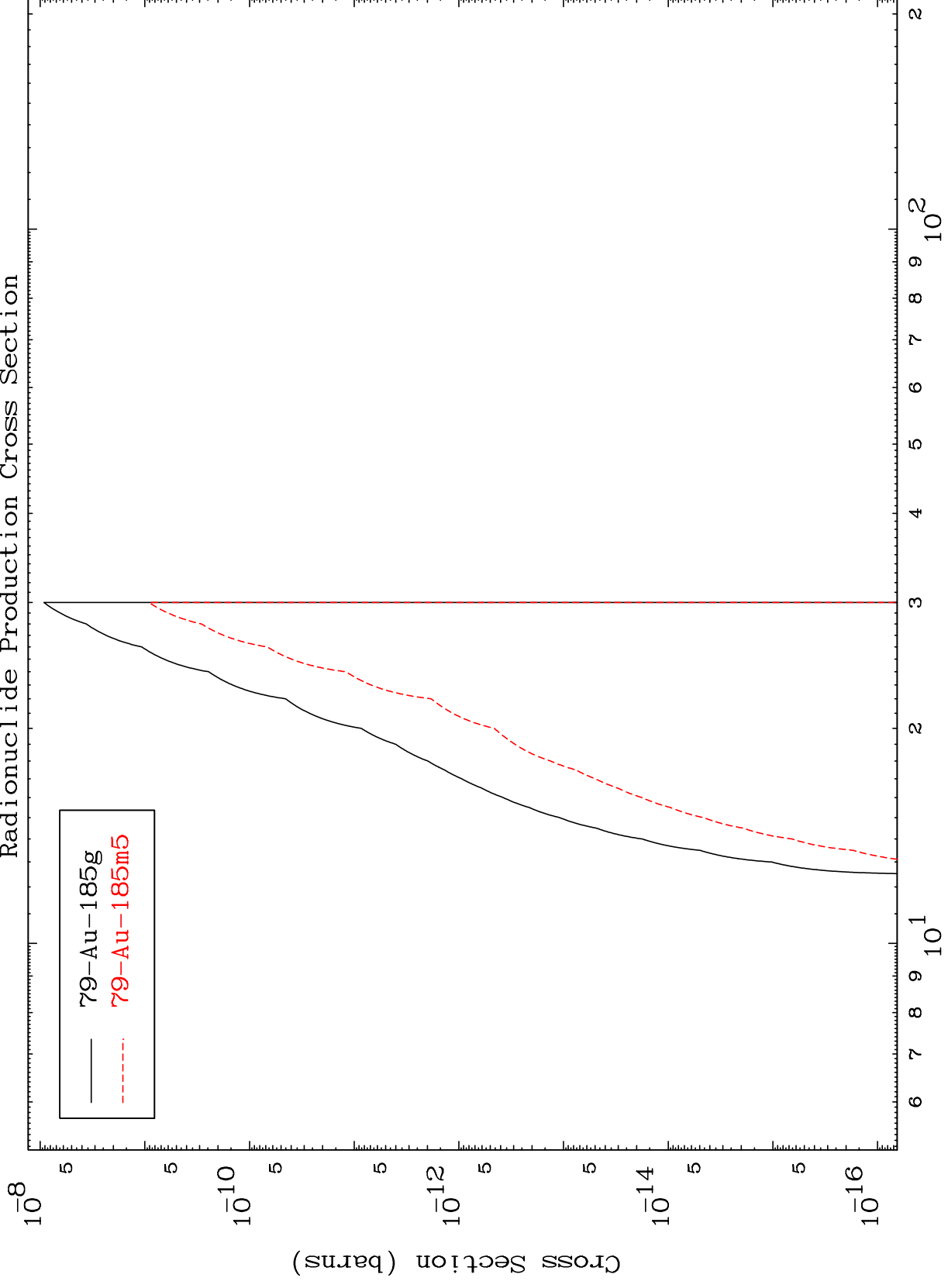
81-Tl-188

MAT 8080

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

81-Tl-188

Radionuclide Production Cross Section

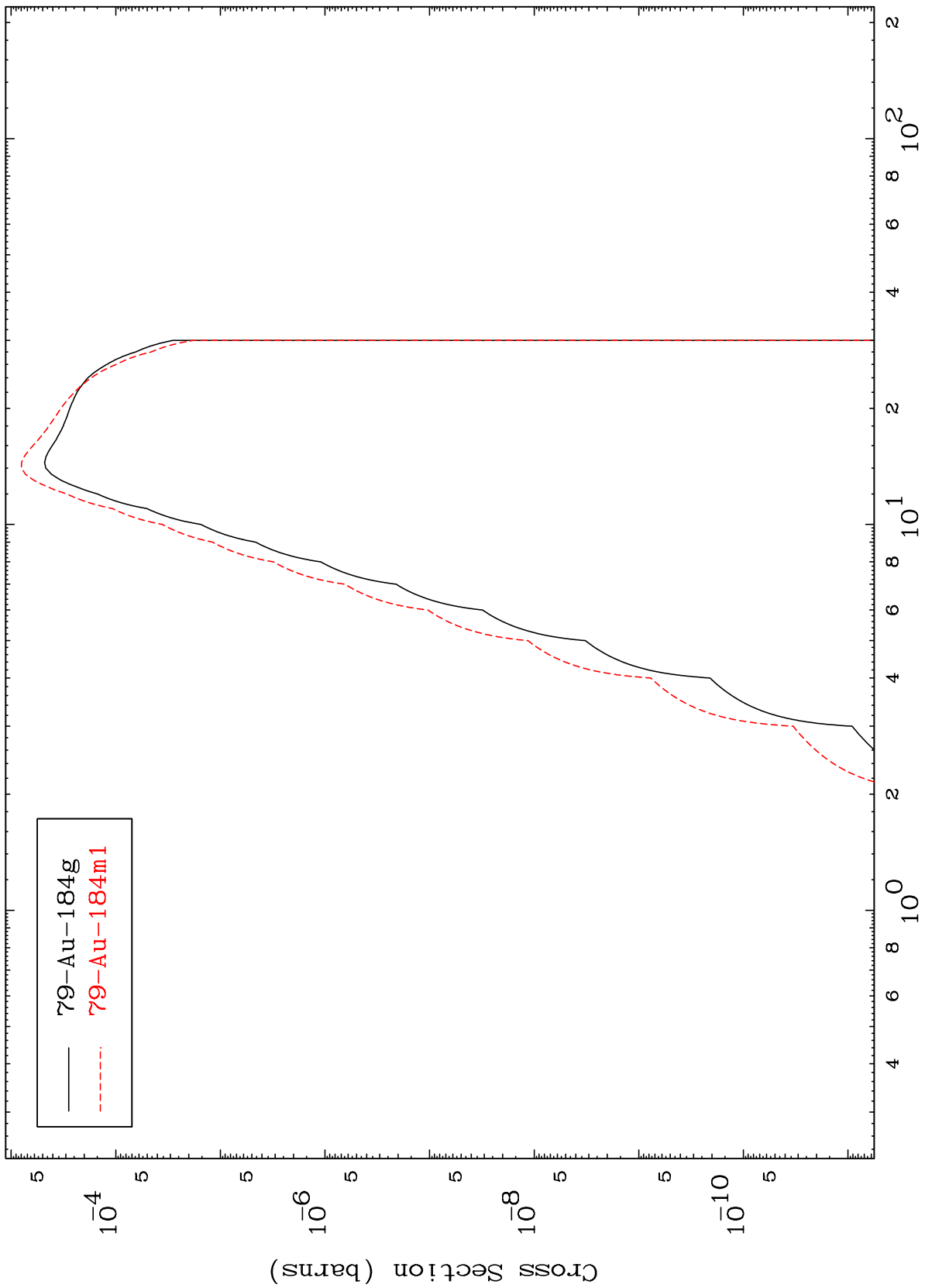


— 79-Au-185g  
- - - 79-Au-185m5

MAT 8080

81-Tl-188

( $\gamma, \alpha$ )  
Radionuclide Production Cross Section



81-Tl-188

Incident Energy (MeV)

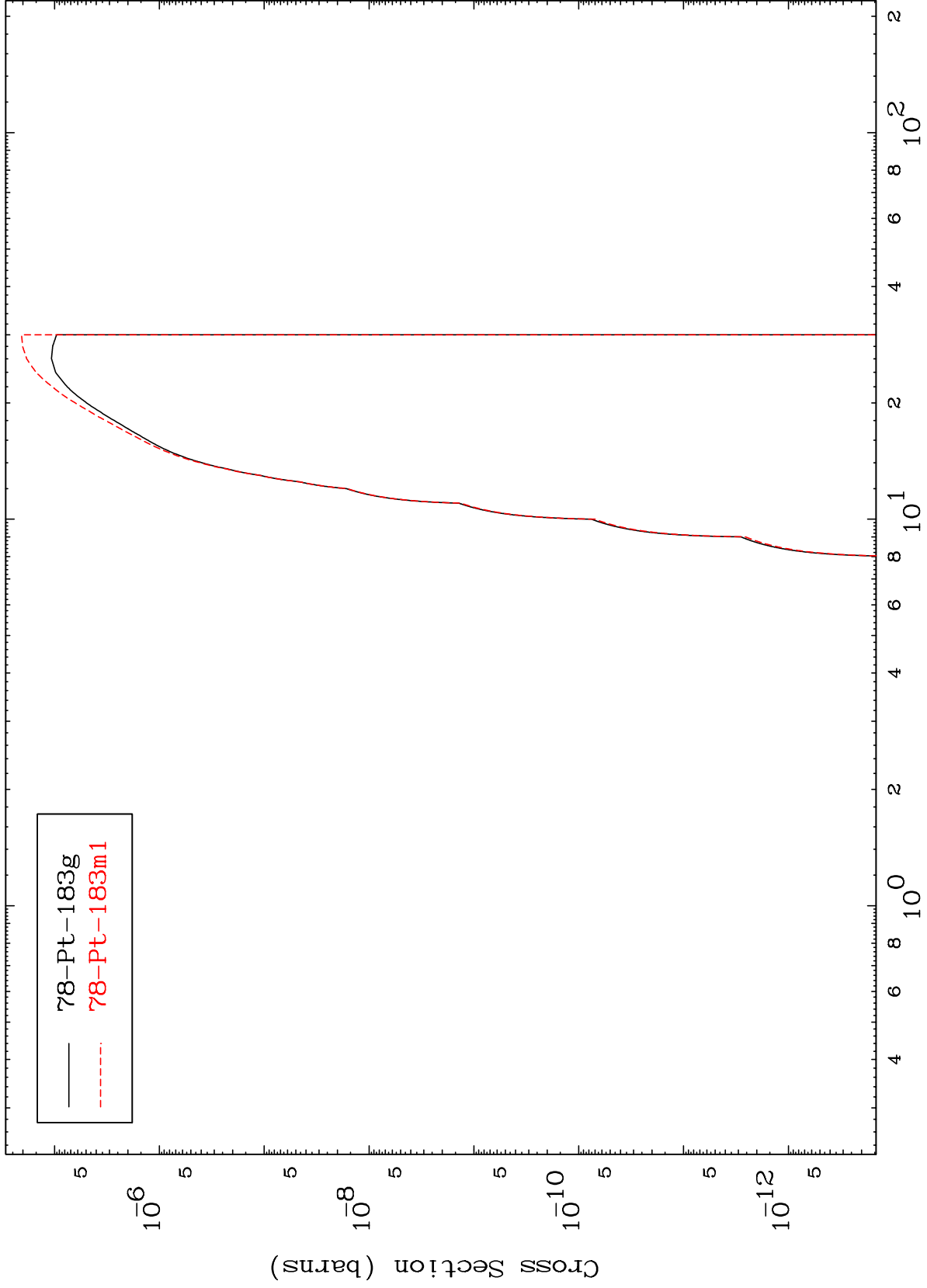
22

MAT 8080

( $\gamma, p$ )  $\alpha$

81-Tl-188

Radionuclide Production Cross Section





MAT 8080

( $\gamma, p$ ) d

81-Tl-188

Radionuclide Production Cross Section

