

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](mailto:redcullen1@comcast.net)

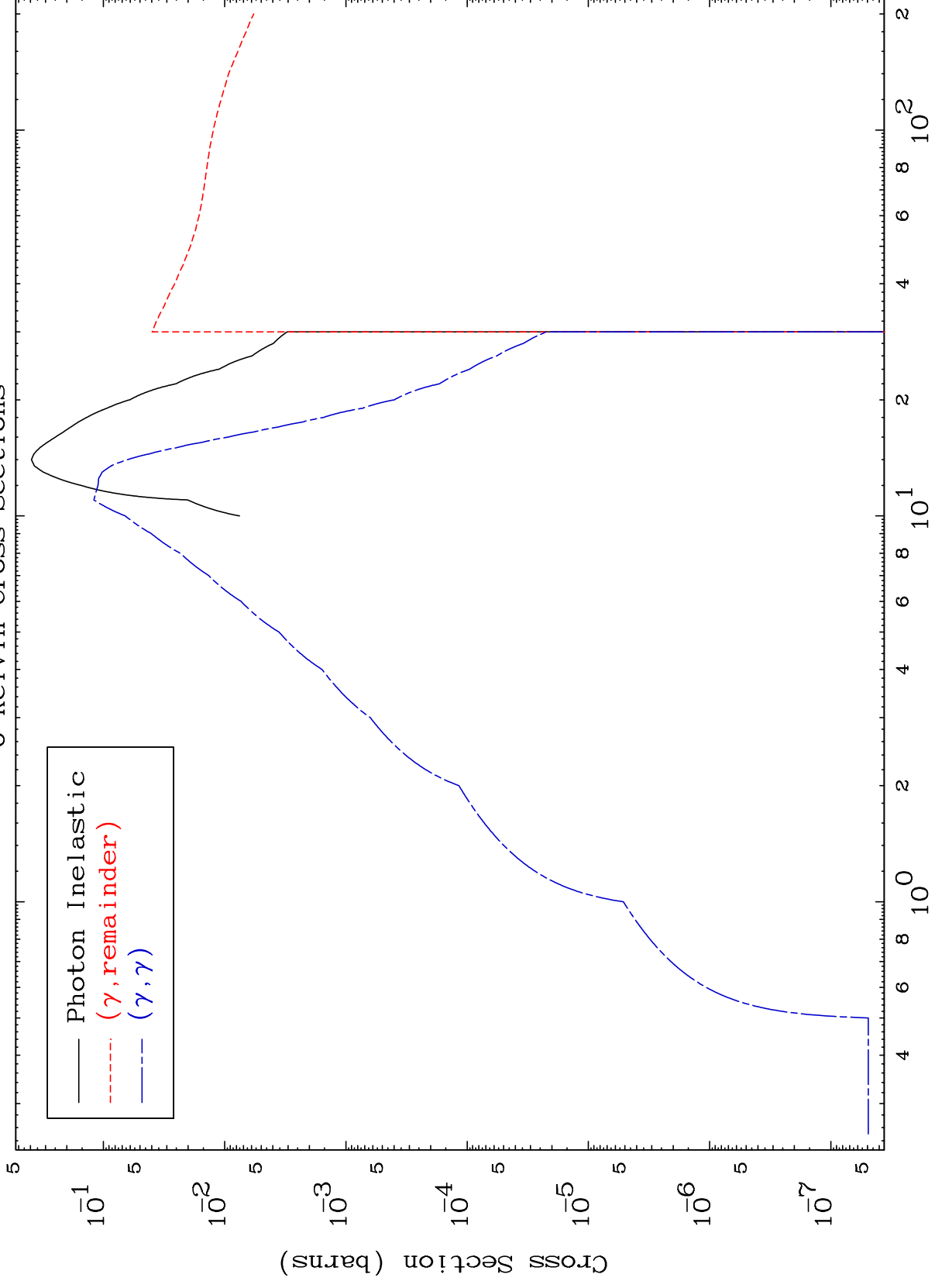
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8095

Photon Major  
0 Kelvin Cross Sections

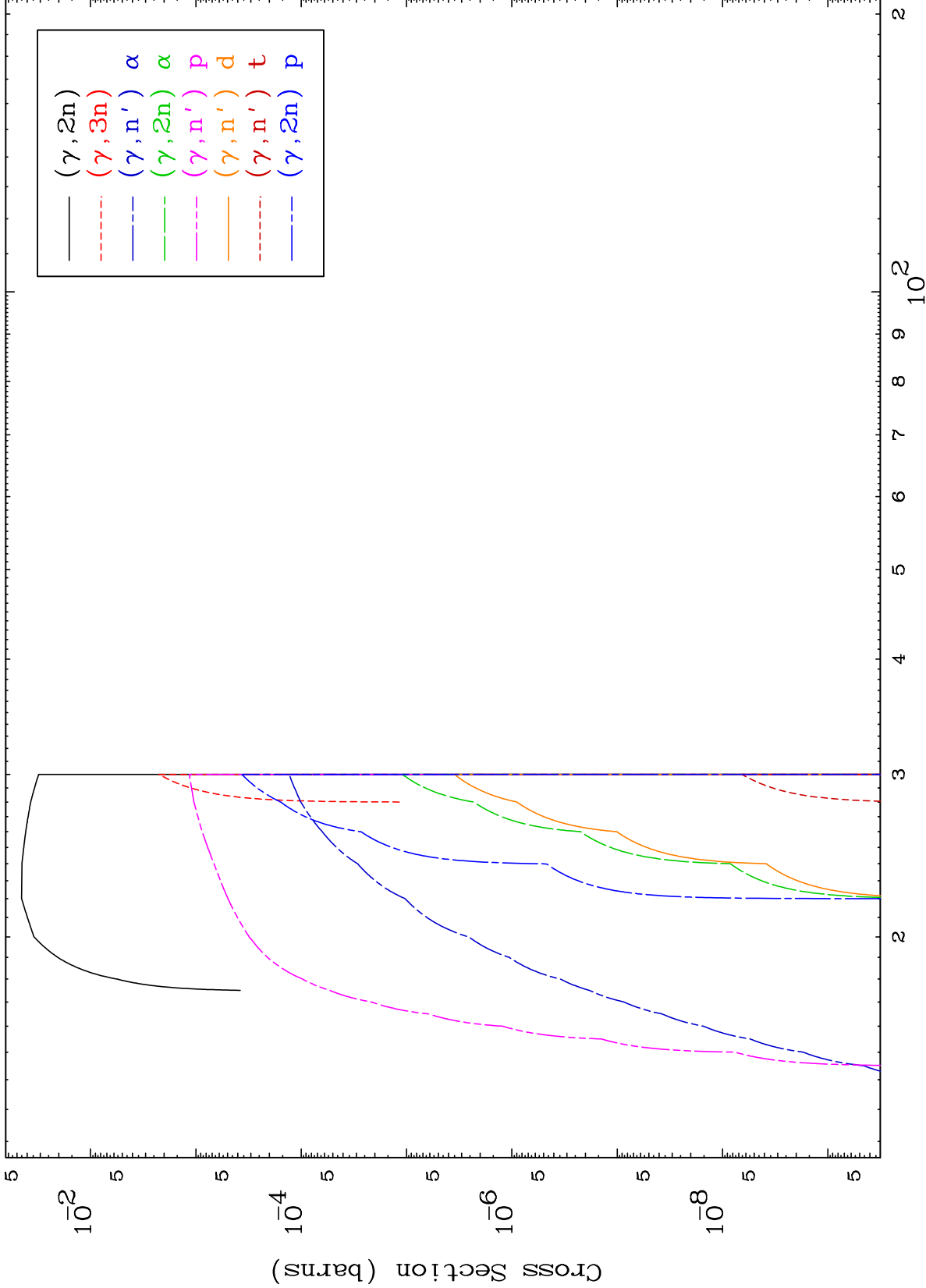
81-Tl-193

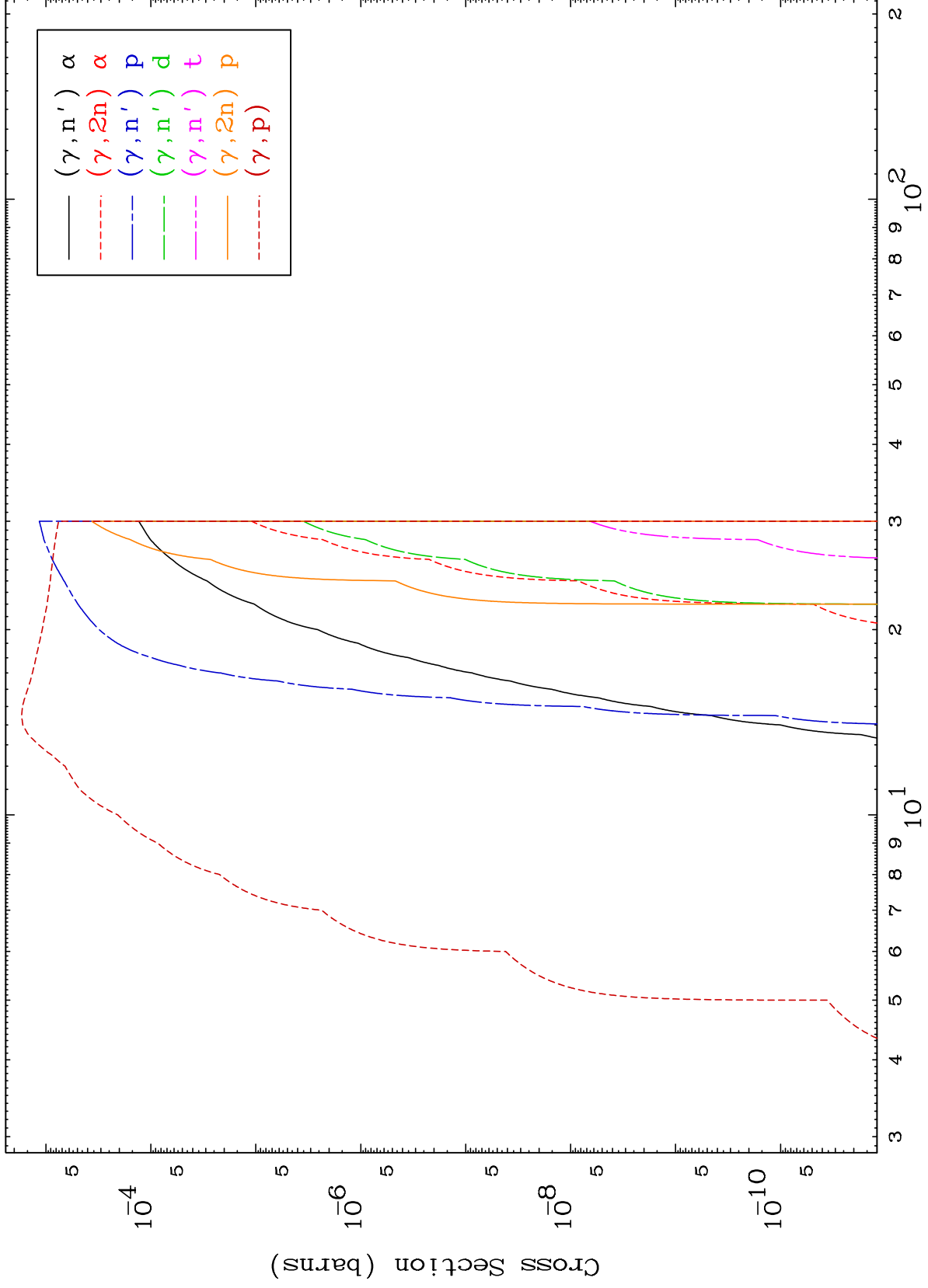


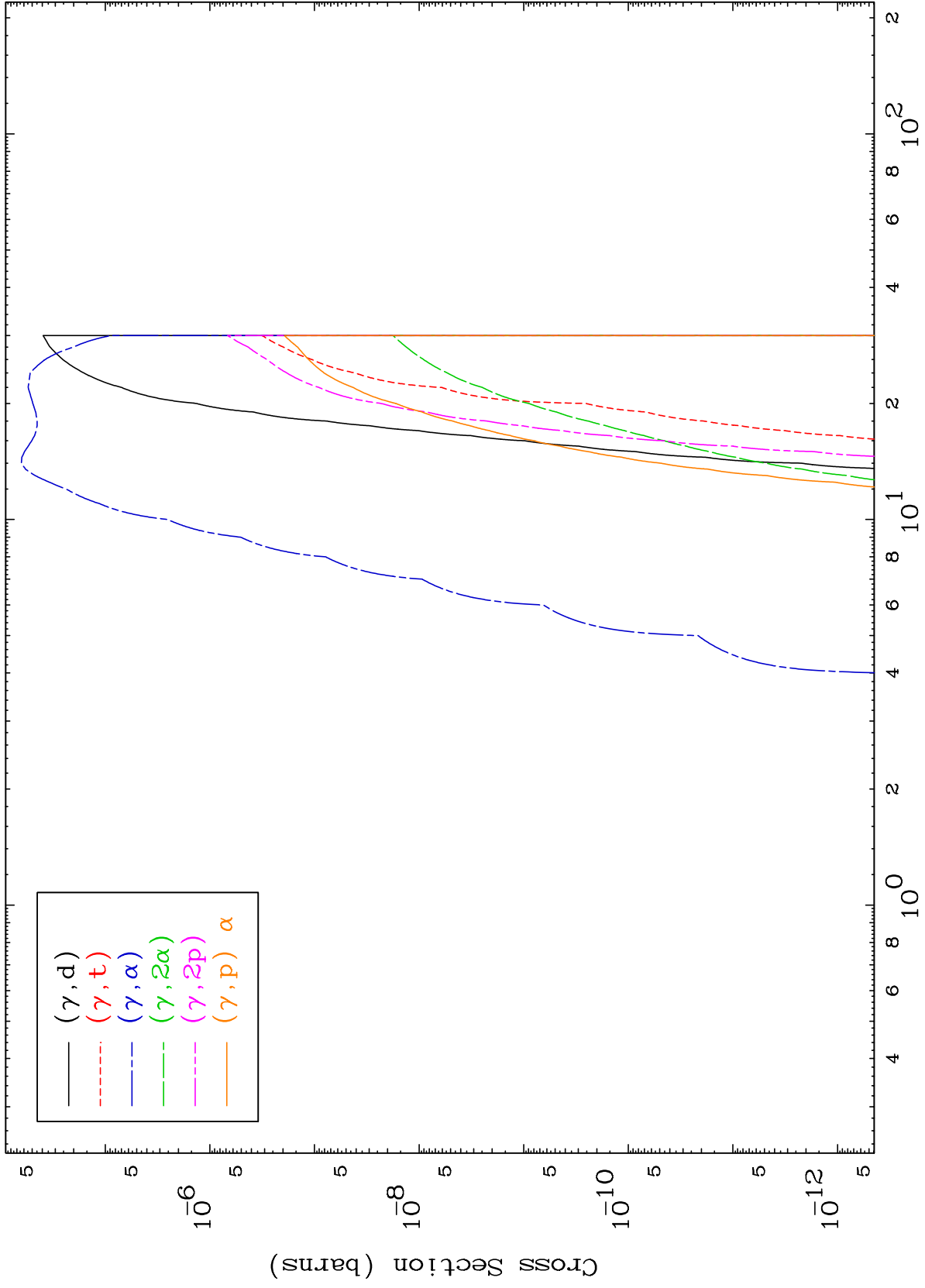
Incident Energy (MeV)

81-Tl-193

1





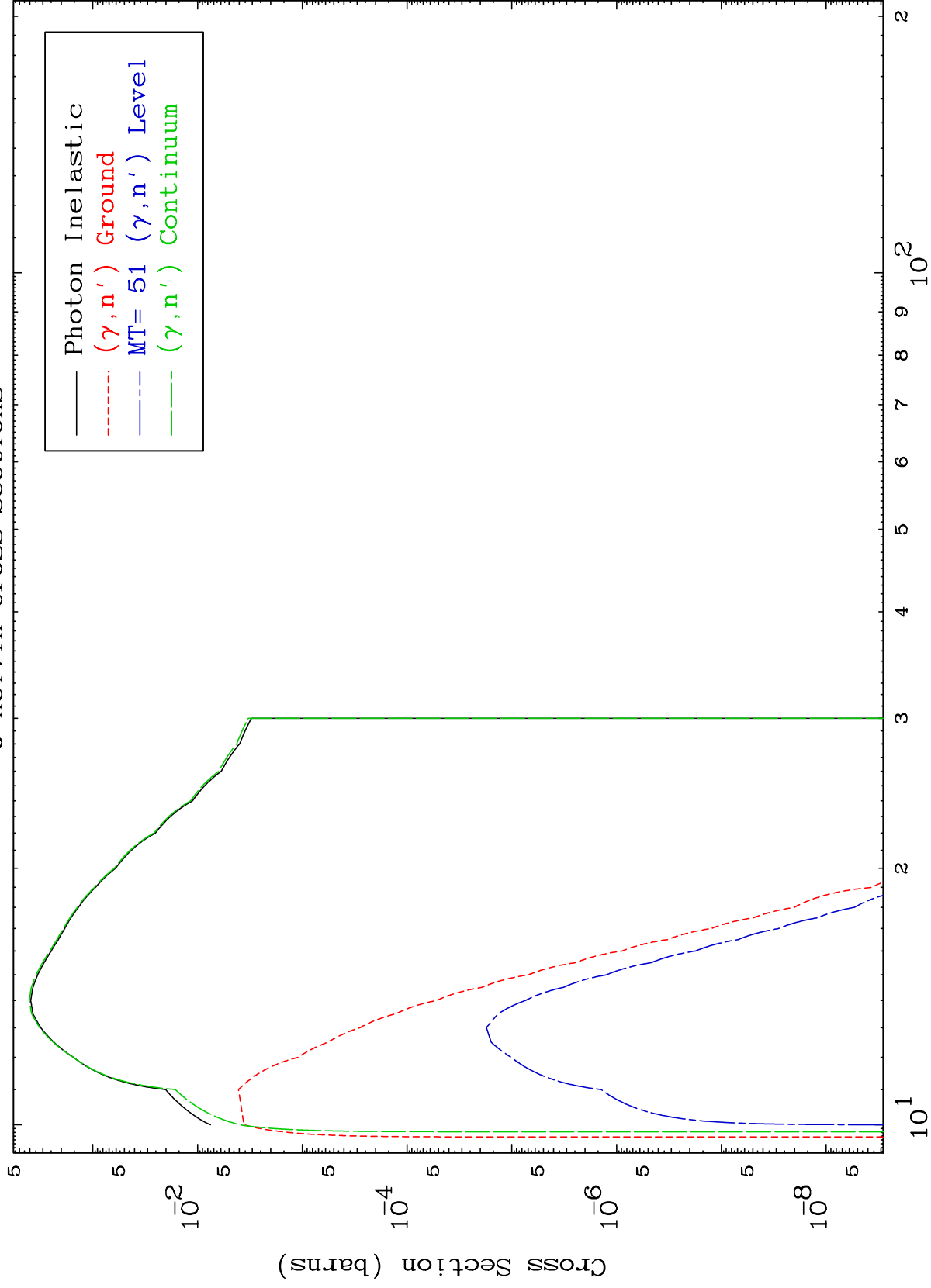


MAT 8095

$(\gamma, n')$  Level

81-Tl-193

0 Kelvin Cross Sections



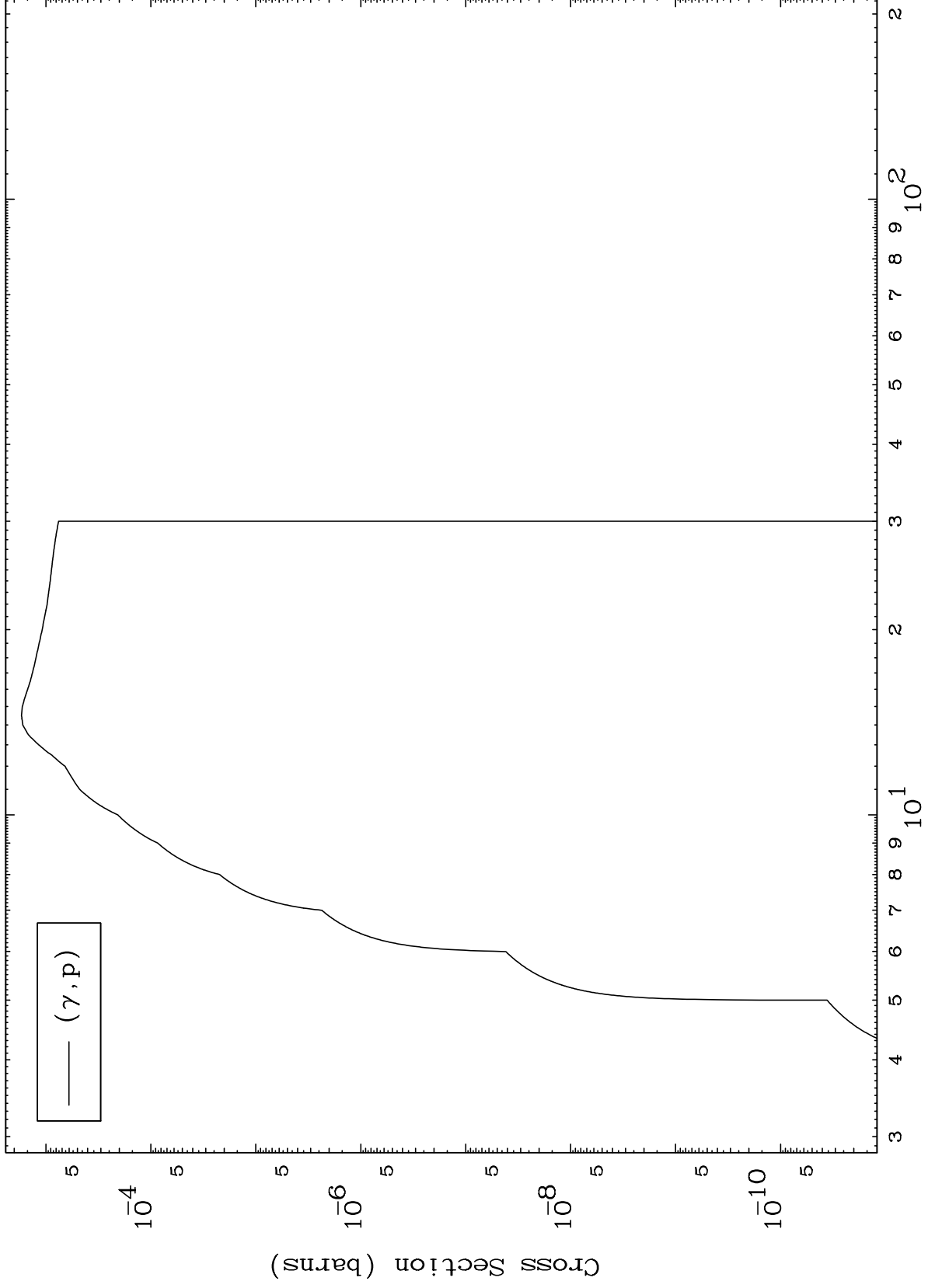
Incident Energy (MeV)

81-Tl-193

MAT 8095

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

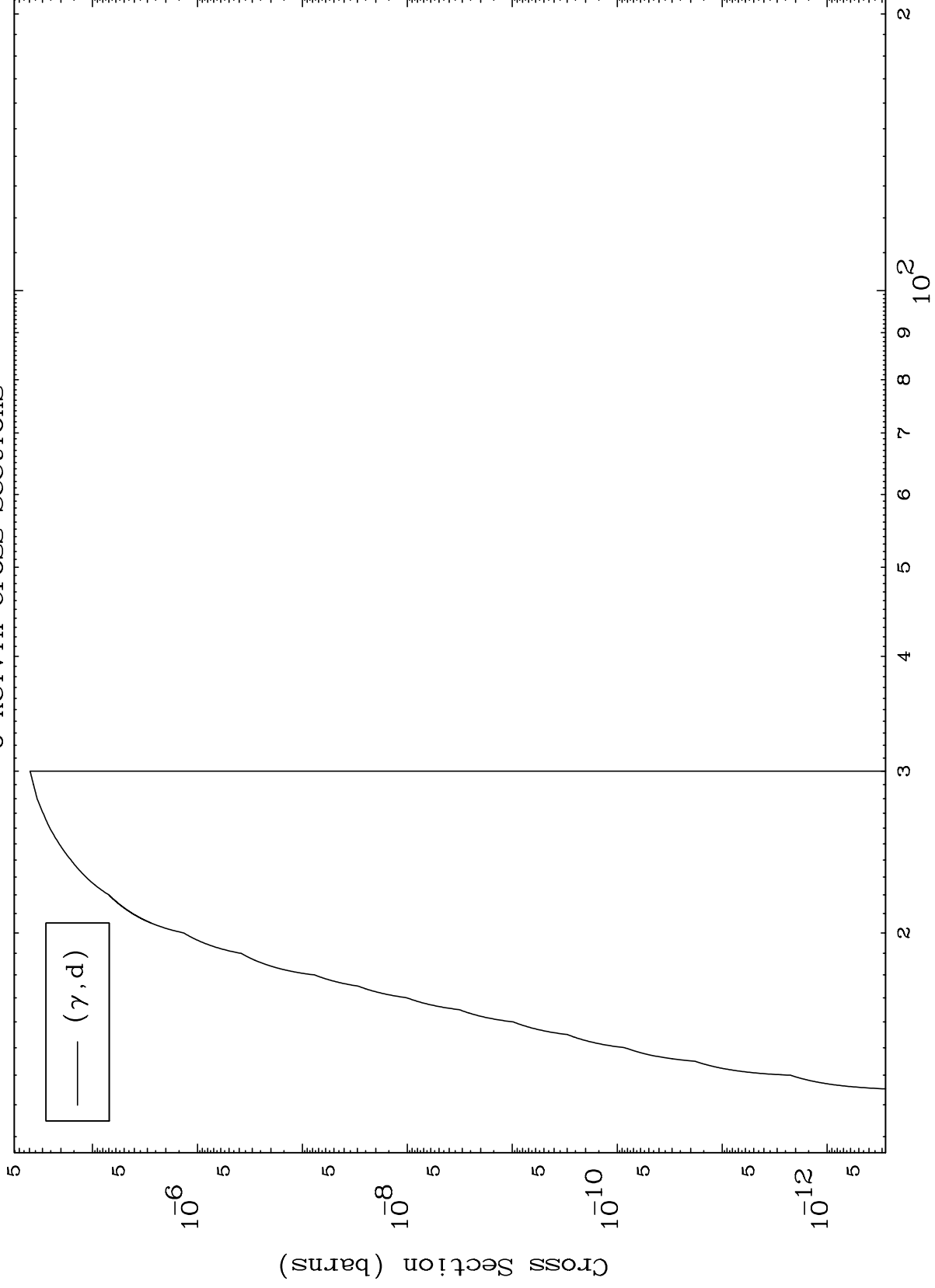
81-Tl-193



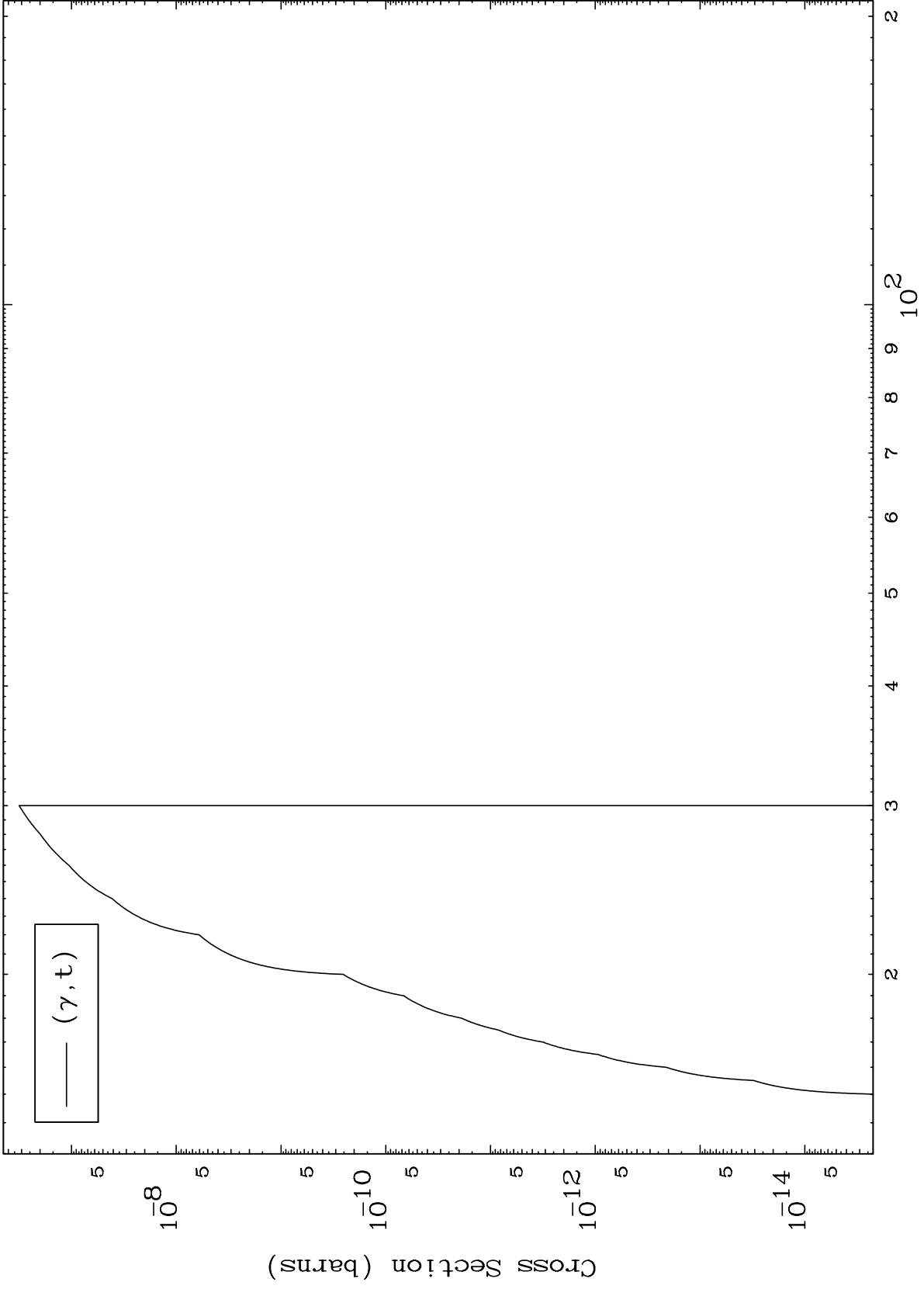
6

Incident Energy (MeV)

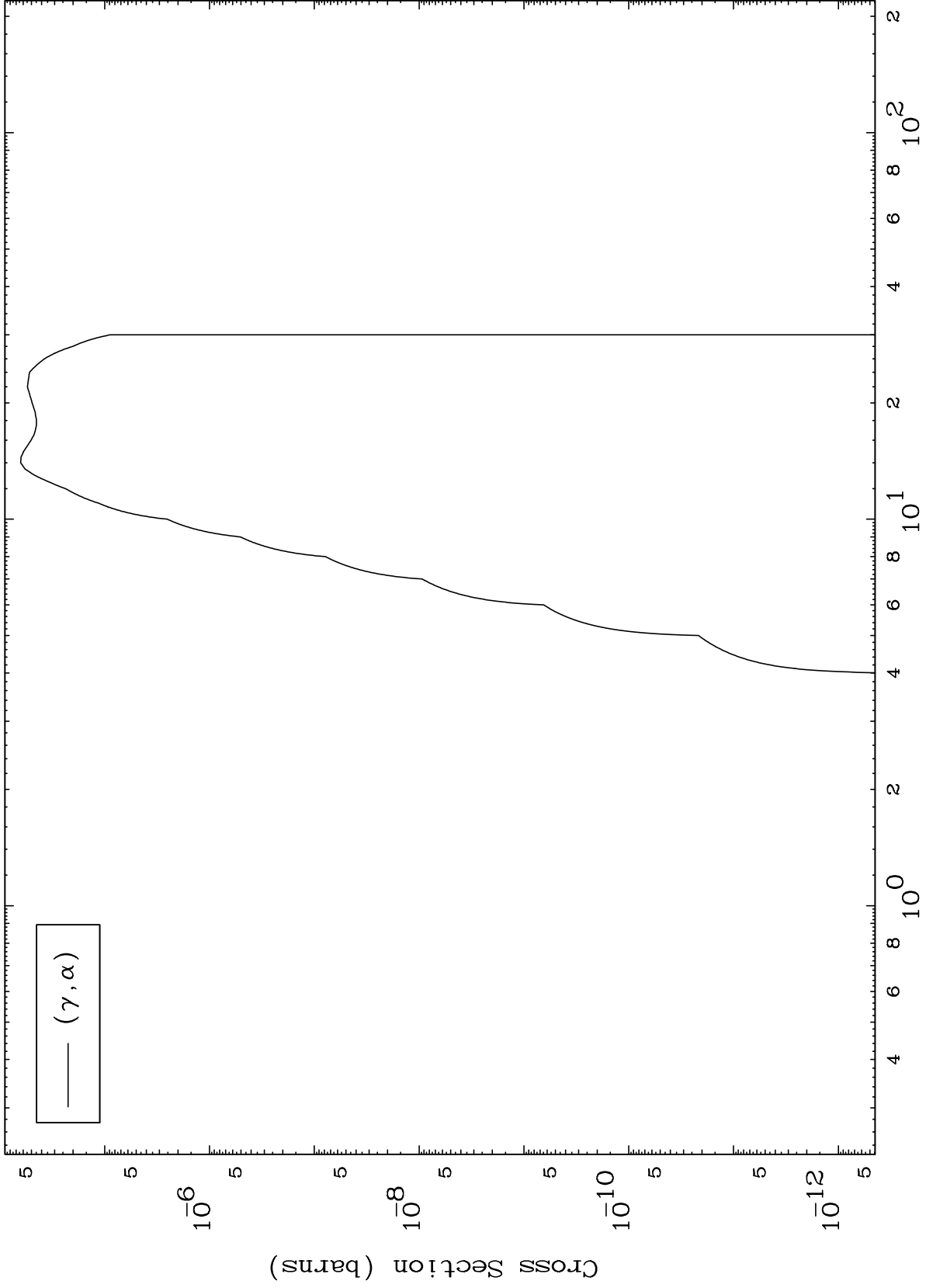
81-Tl-193







0 Kelvin Cross Sections

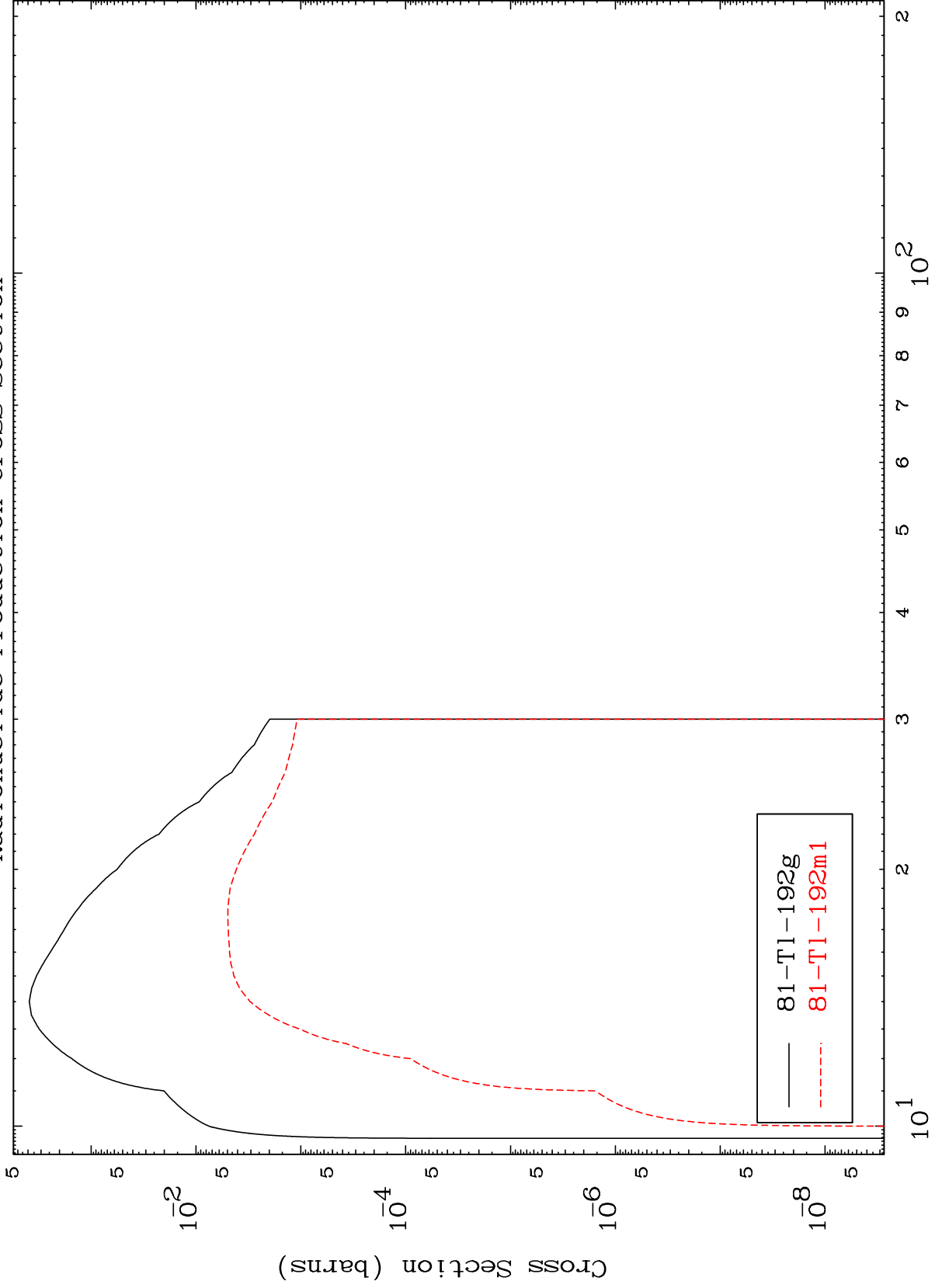


MAT 8095

Photon Inelastic

81-Tl-193

Radionuclide Production Cross Section



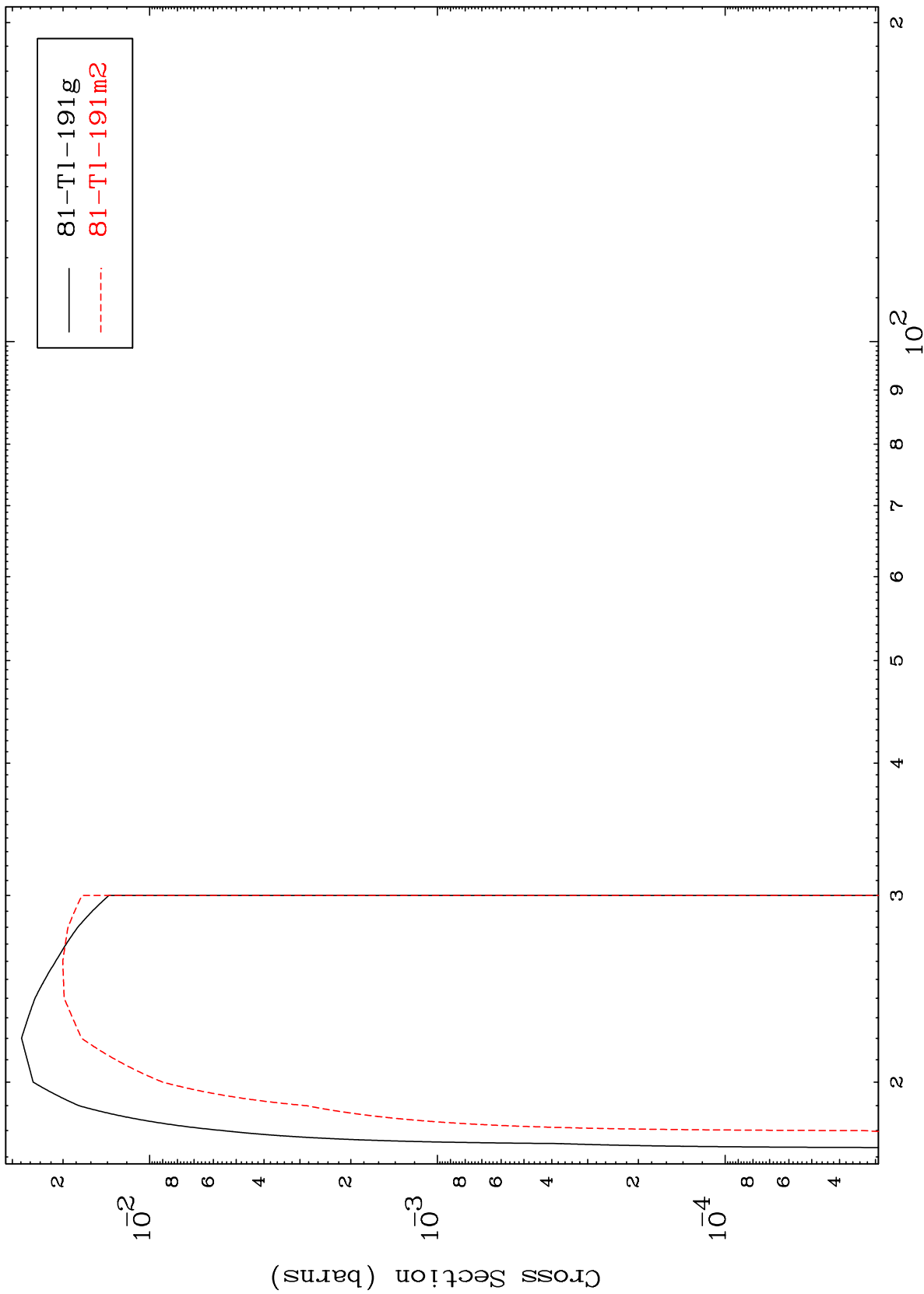
Incident Energy (MeV)

81-Tl-193

MAT 8095

81-Tl-193

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



11

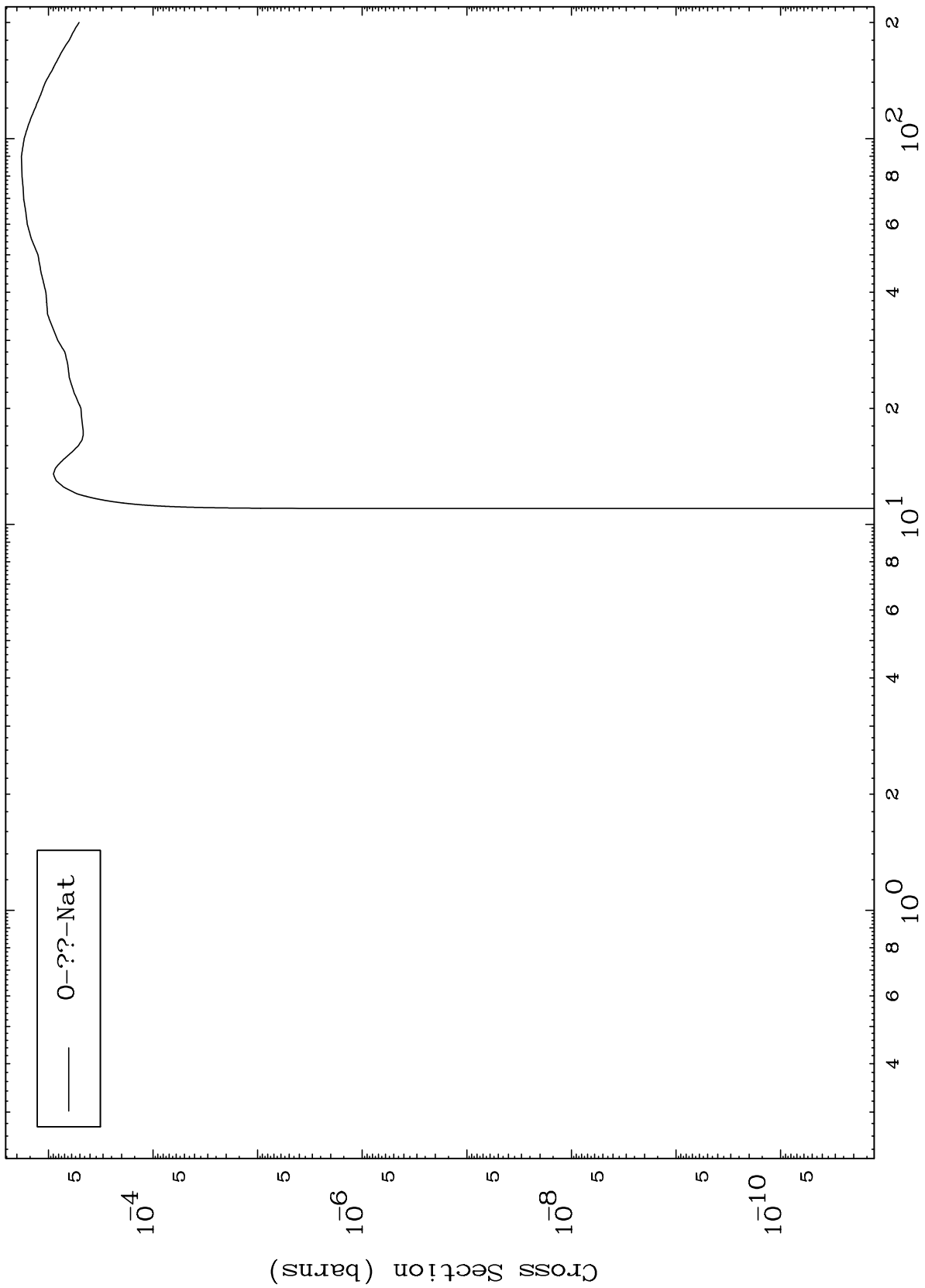
Incident Energy (MeV)

81-Tl-193

MAT 8095

81-Tl-193

Photon Fission  
Radionuclide Production Cross Section



81-Tl-193

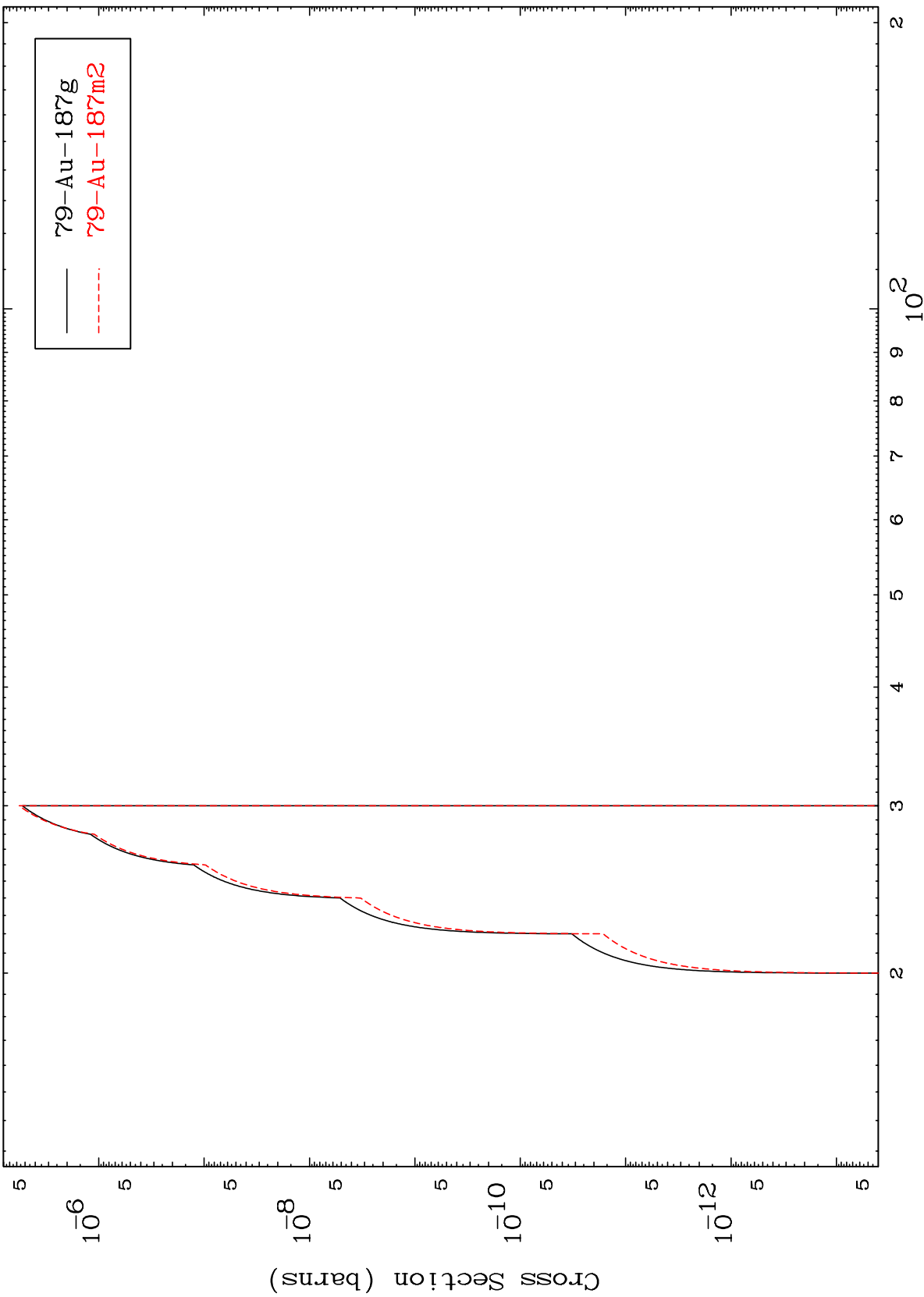
Incident Energy (MeV)

MAT 8095

$(\gamma, 2n) \alpha$

81-T1-193

Radionuclide Production Cross Section



13

Incident Energy (MeV)

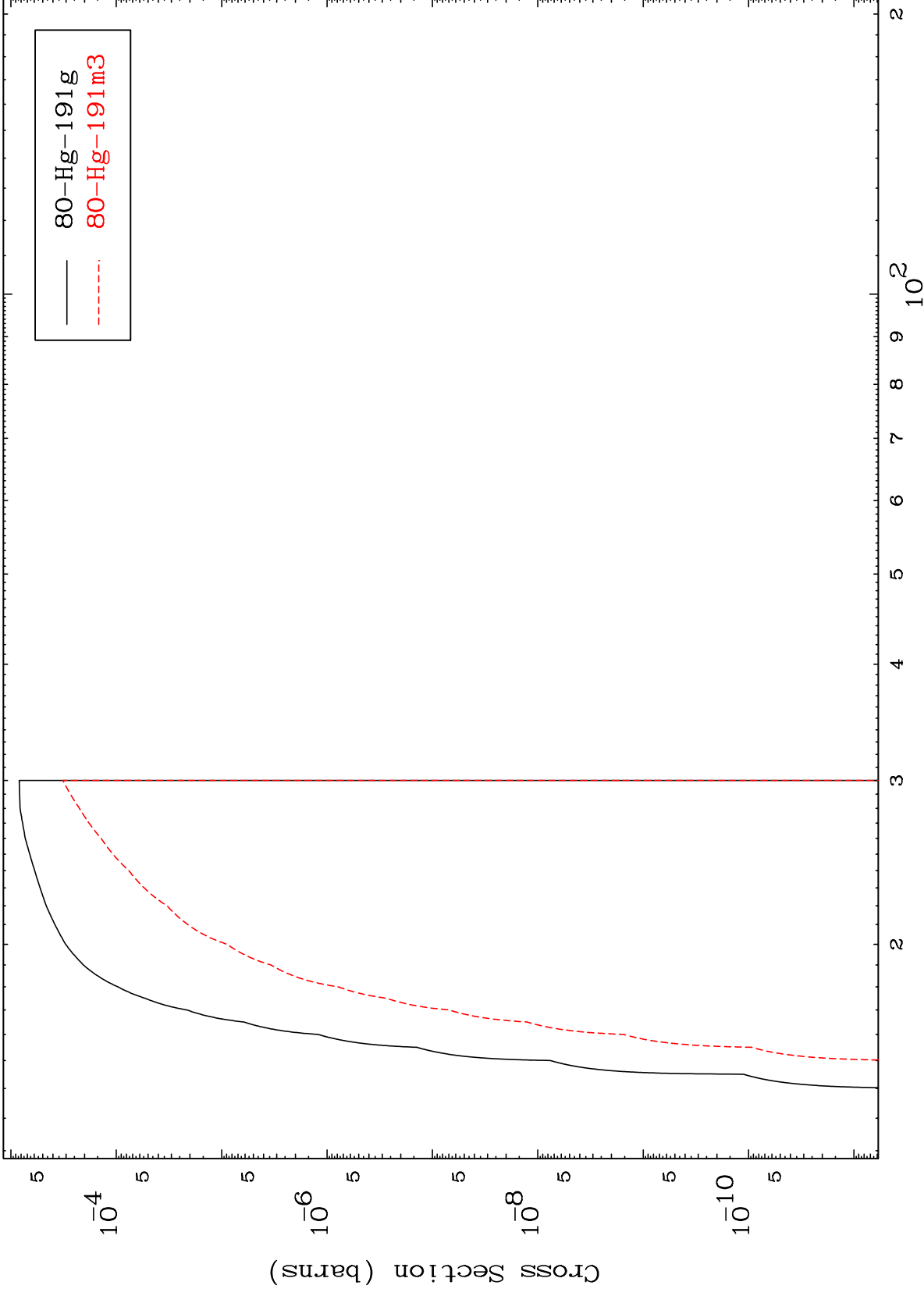
81-T1-193

MAT 8095

( $\gamma, n'$ ) p

81-T1-193

Radionuclide Production Cross Section

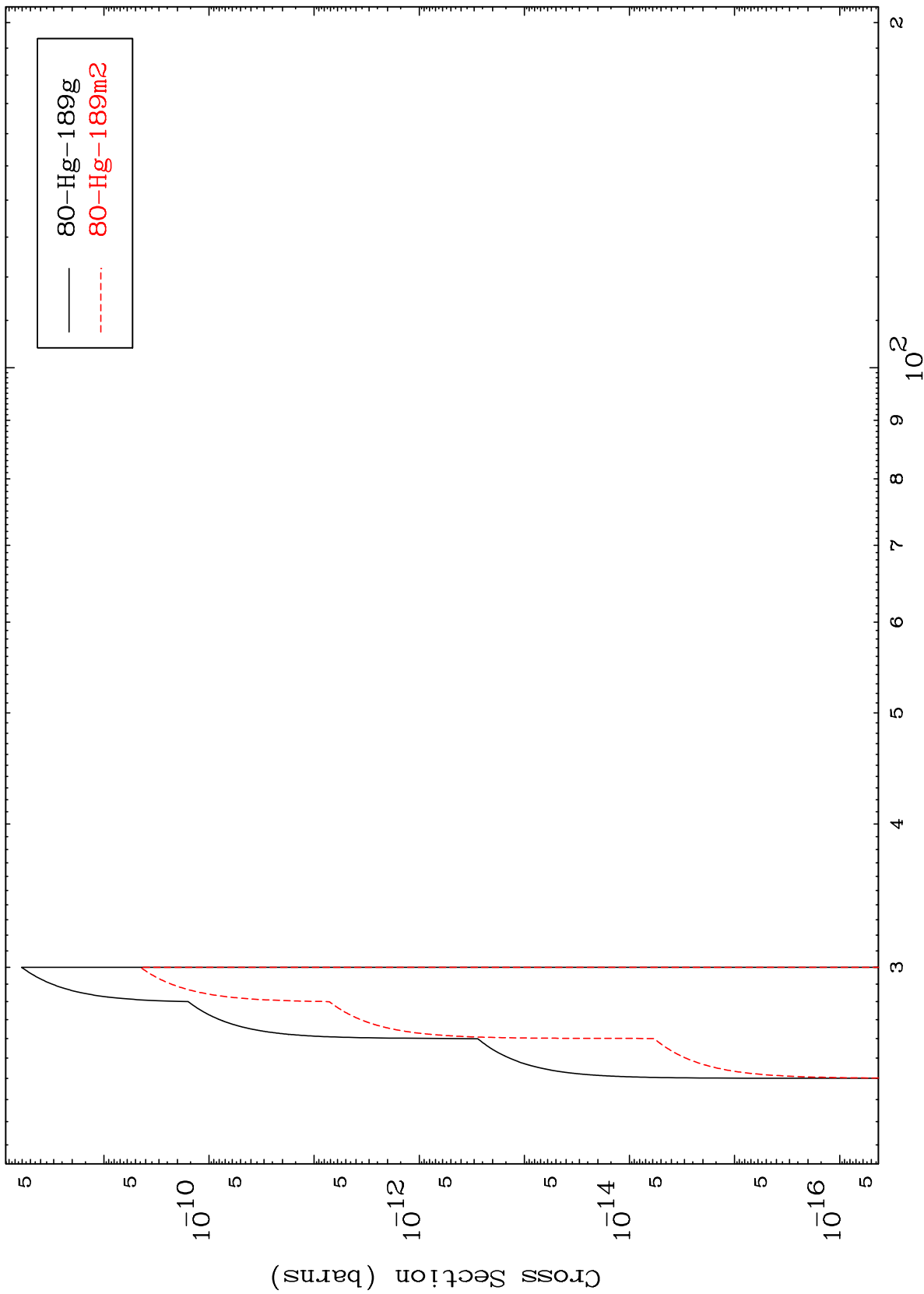


14

Incident Energy (MeV)

81-T1-193

Radionuclide Production Cross Section

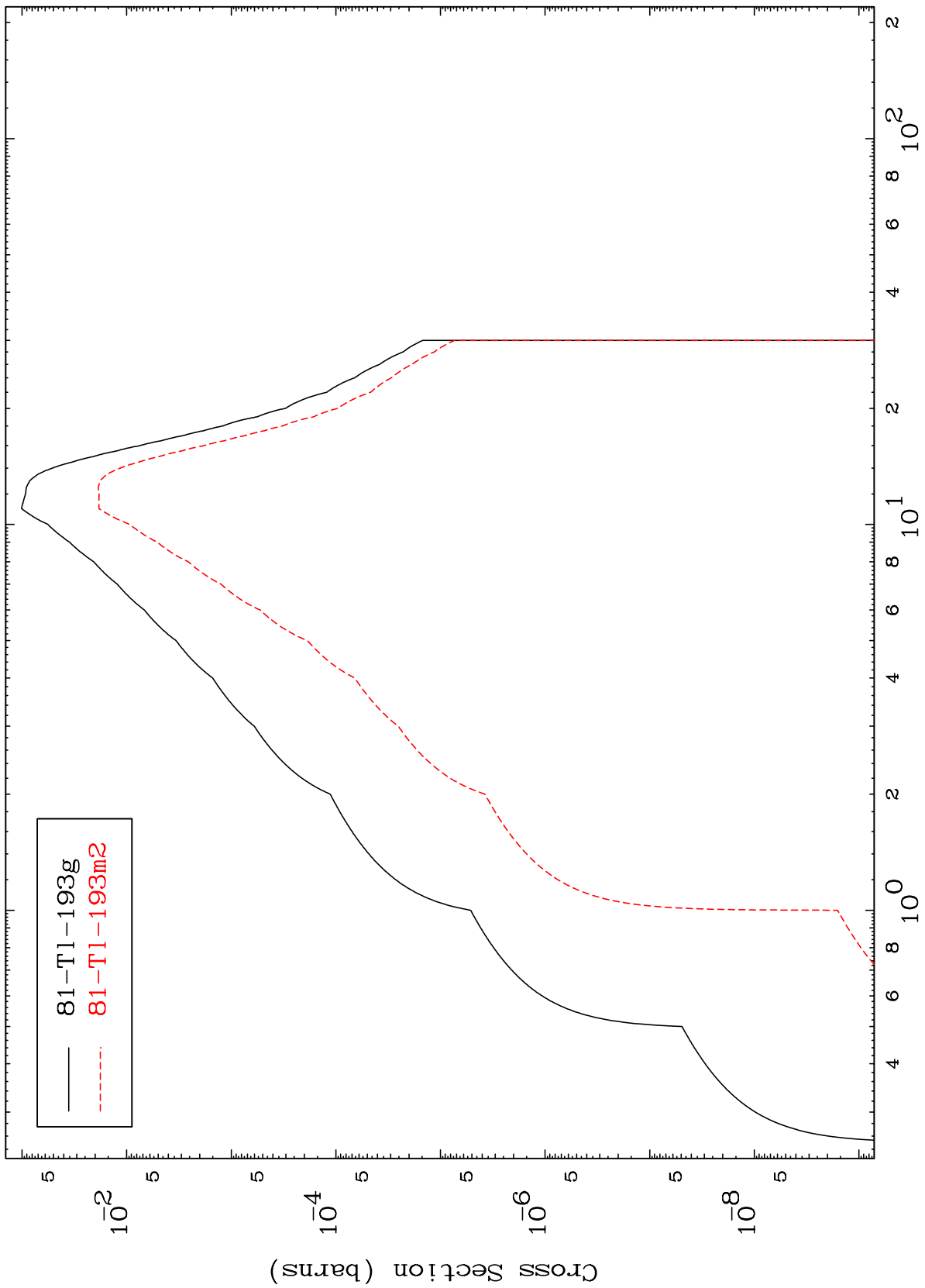




MAT 8095

81-Tl-193

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



16

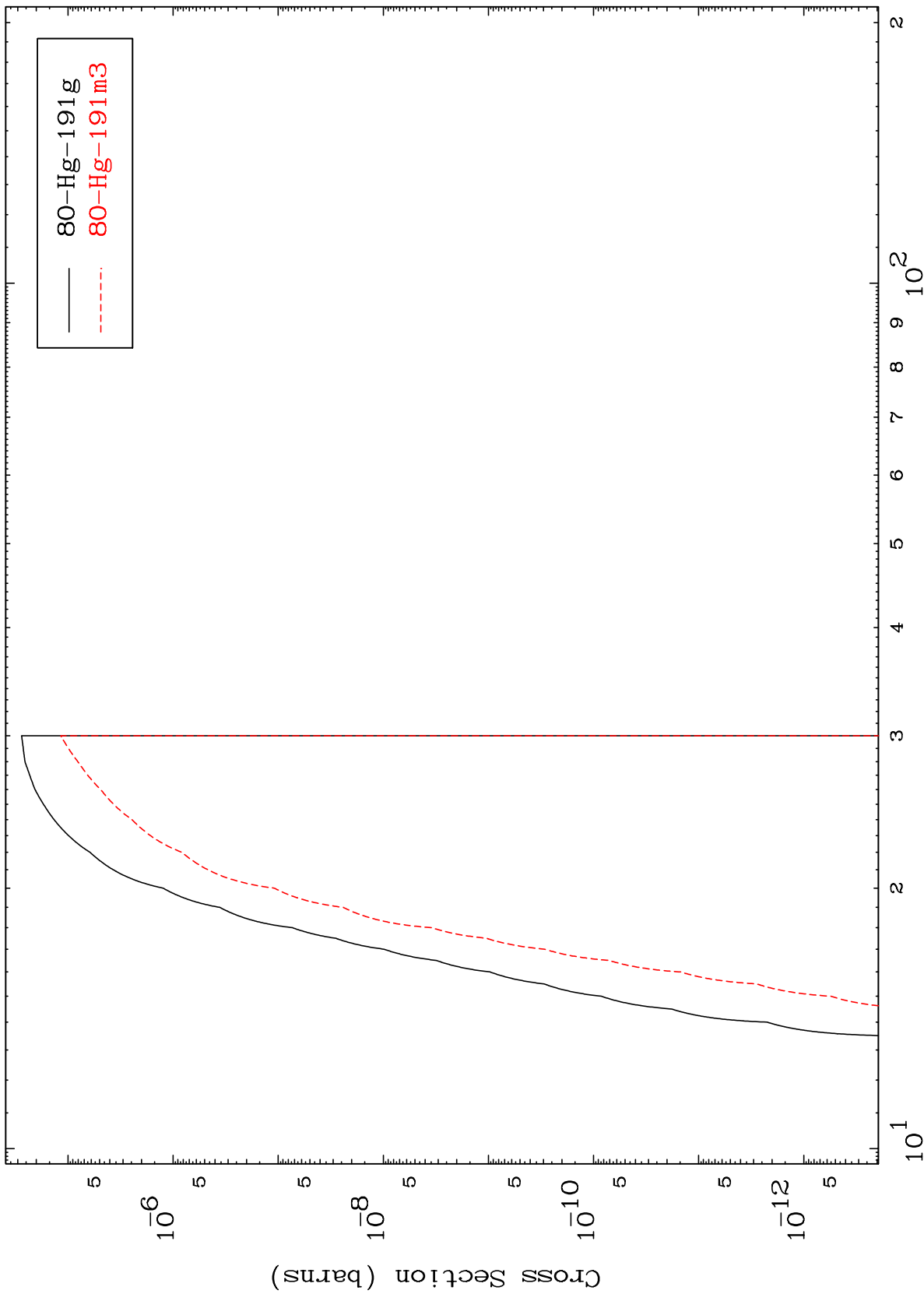
81-Tl-193

Incident Energy (MeV)

MAT 8095

81-Tl-193

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



81-Tl-193

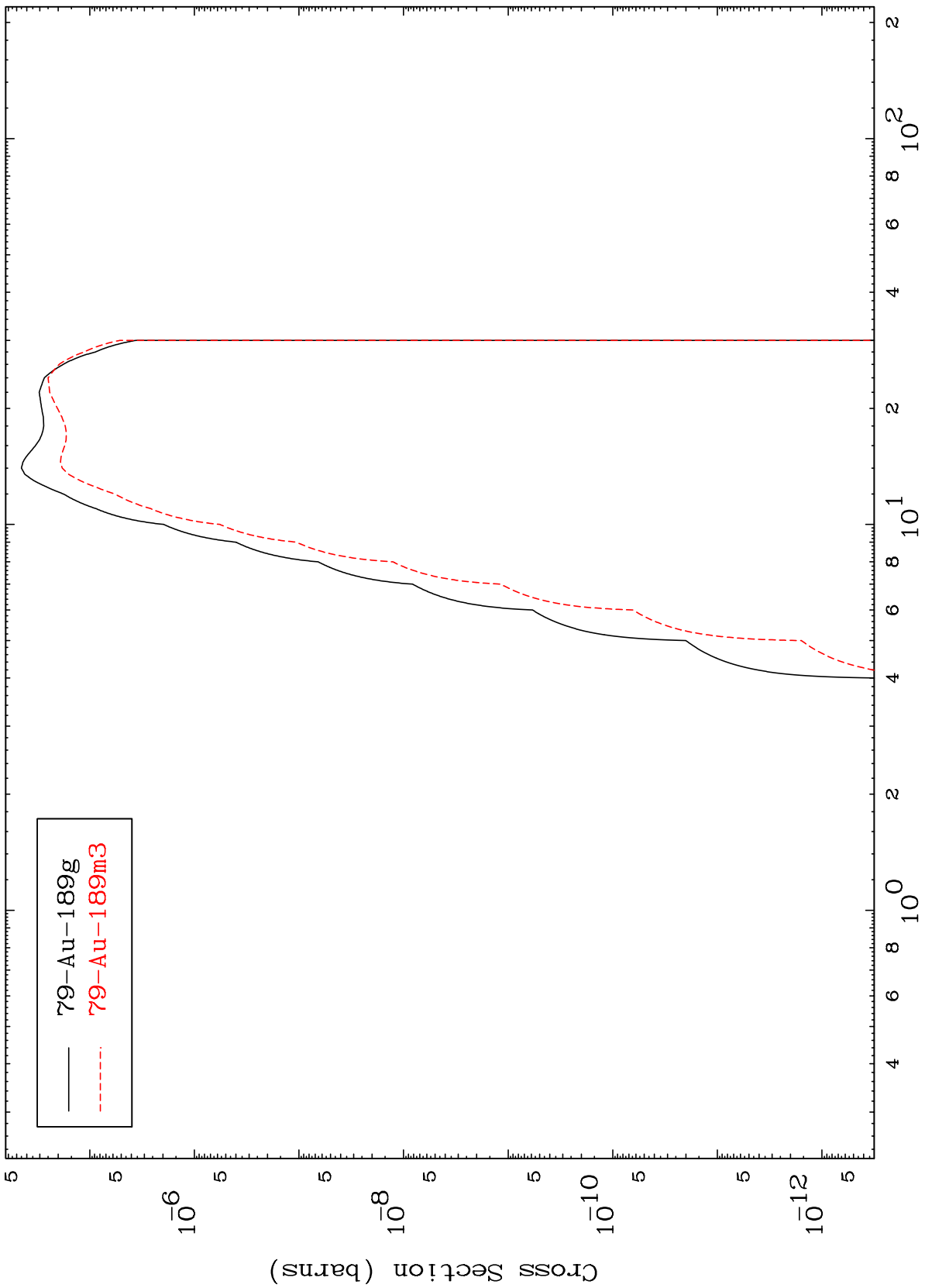
Incident Energy (MeV)

17

MAT 8095

81-Tl-193

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



— 79-Au-189g  
- - - 79-Au-189m3

18

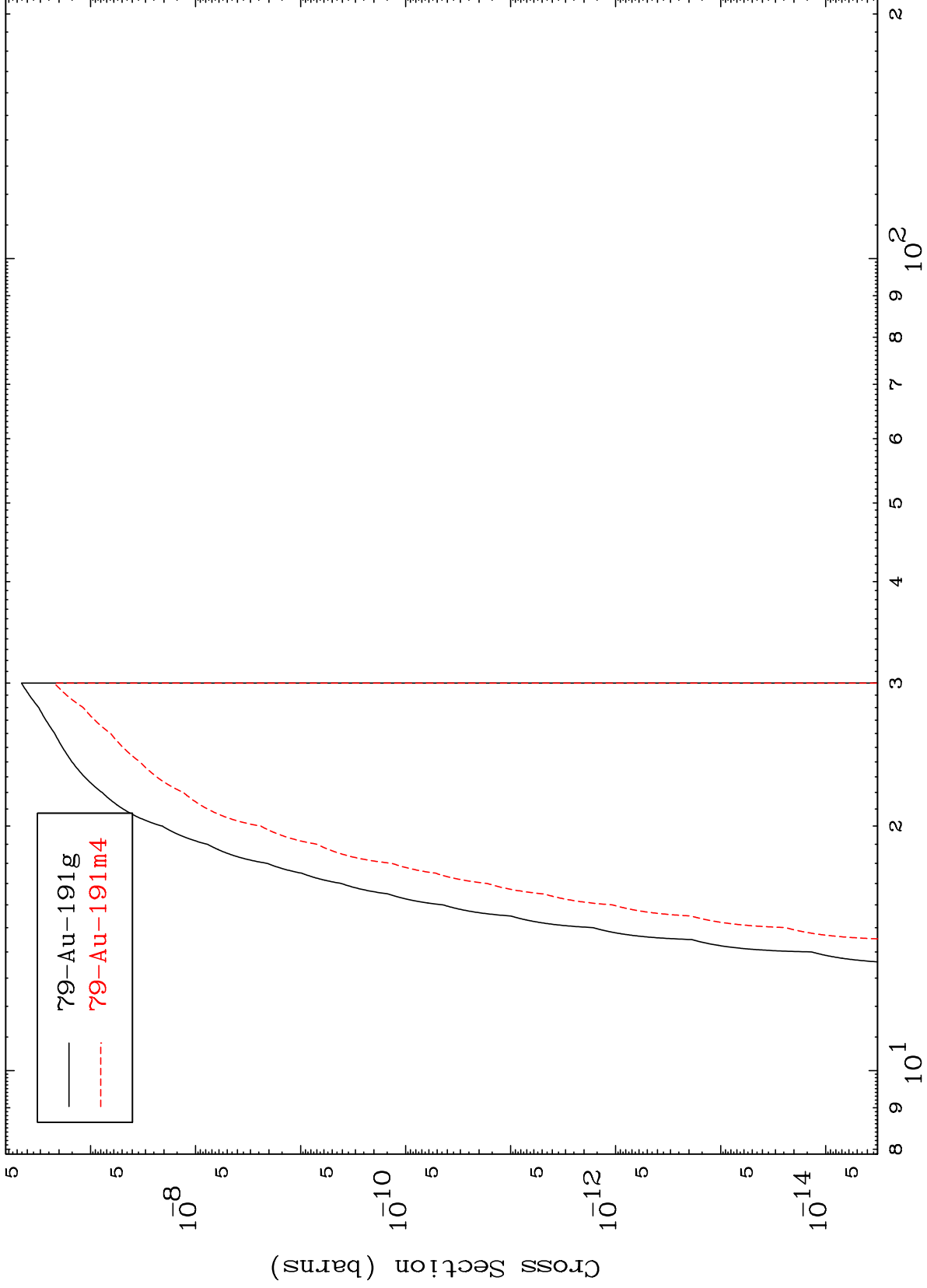
Incident Energy (MeV)

81-Tl-193

MAT 8095

81-Tl-193

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



19

Incident Energy (MeV)

81-Tl-193