

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

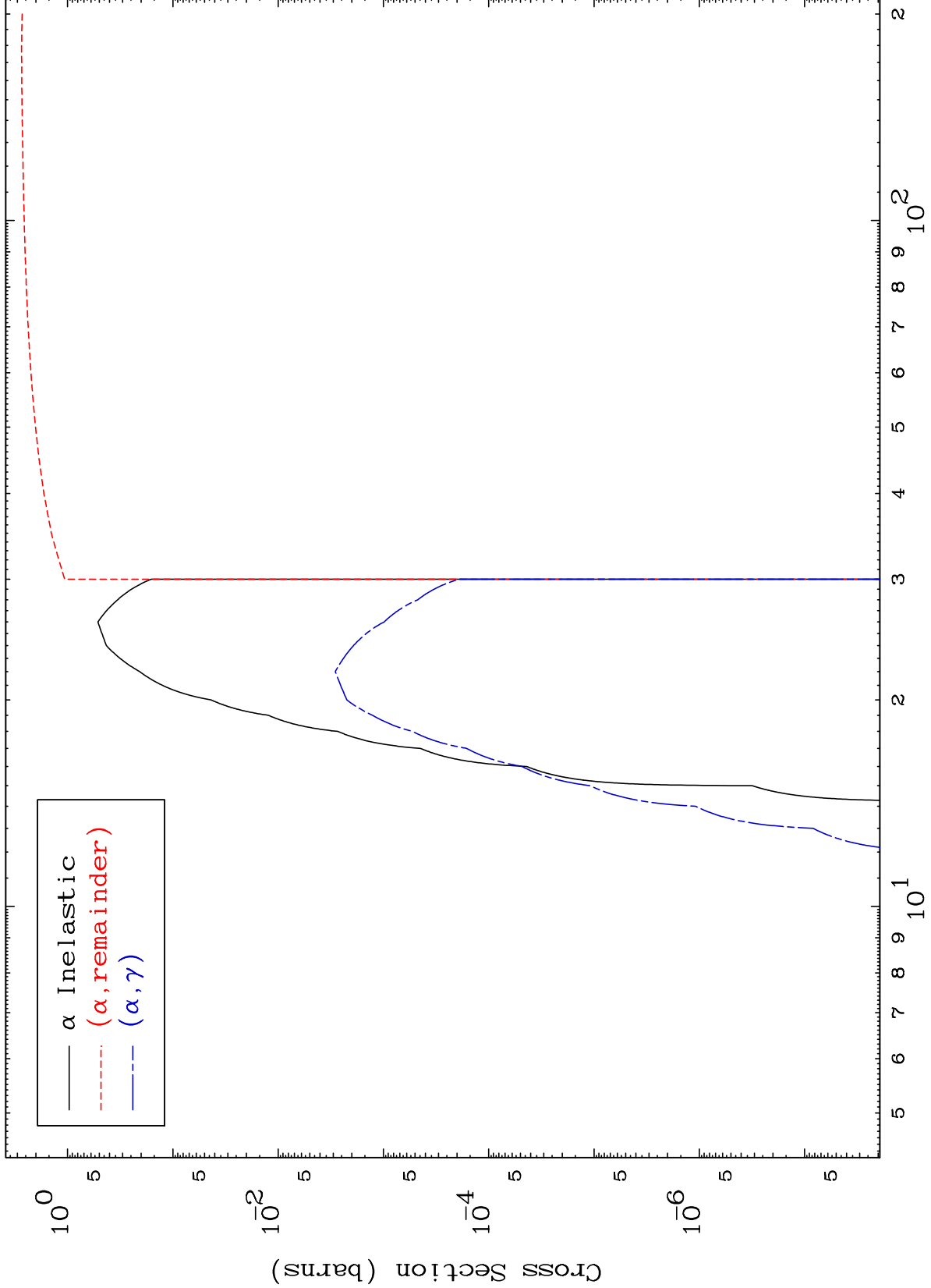
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

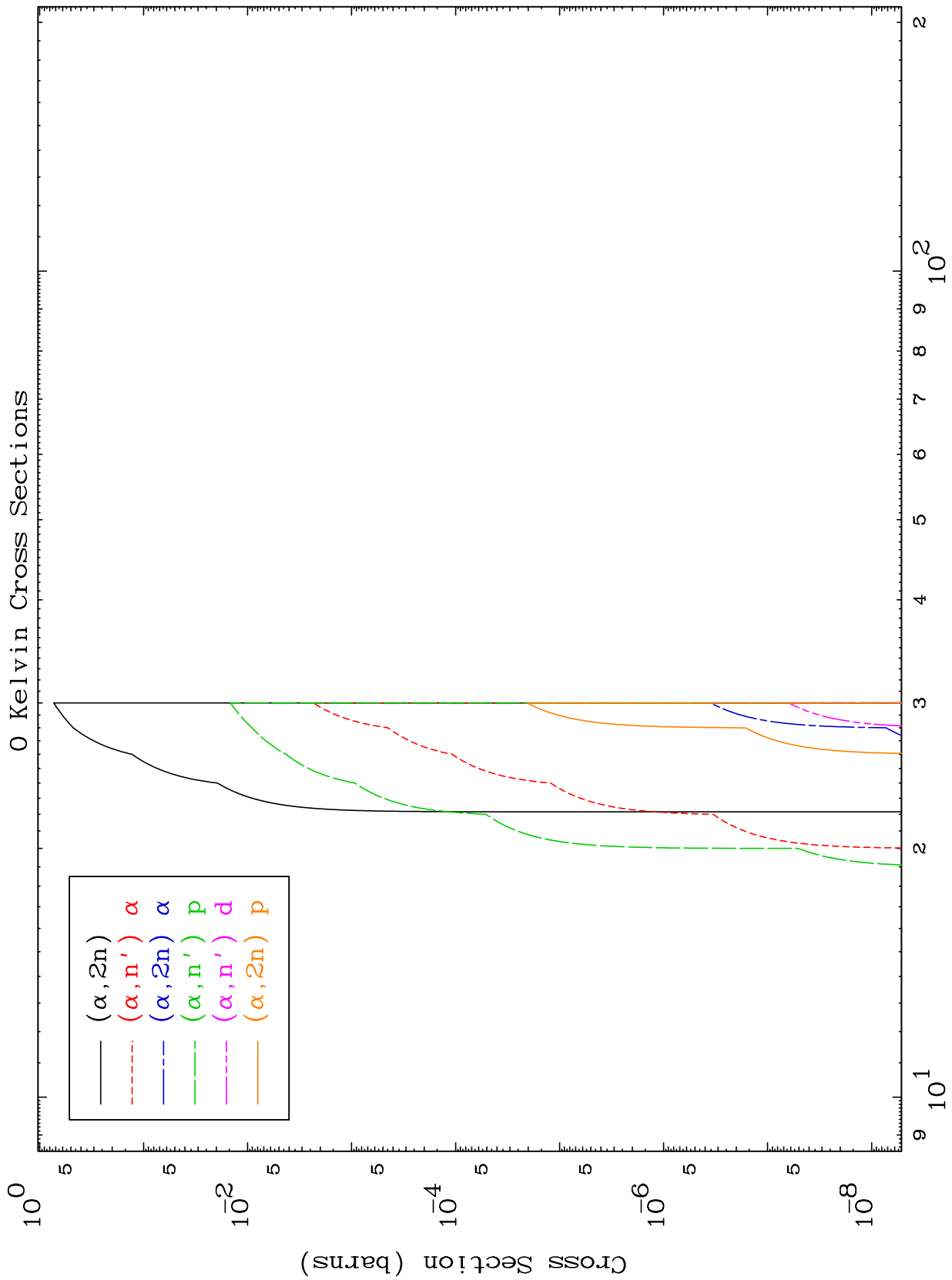
0 Kelvin Cross Sections



MAT 8102

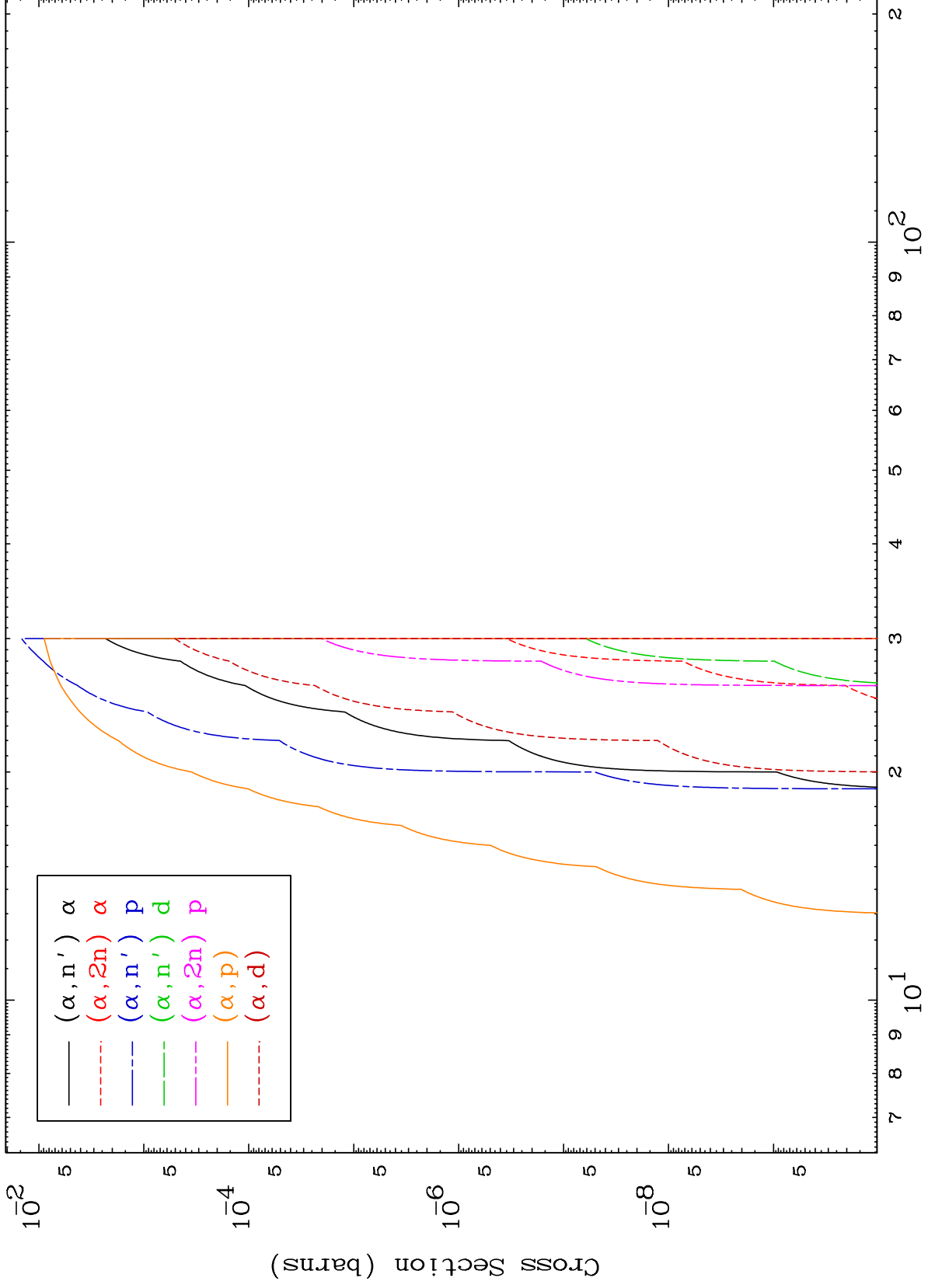
$\alpha$  Neutron Production  
0 Kelvin Cross Sections

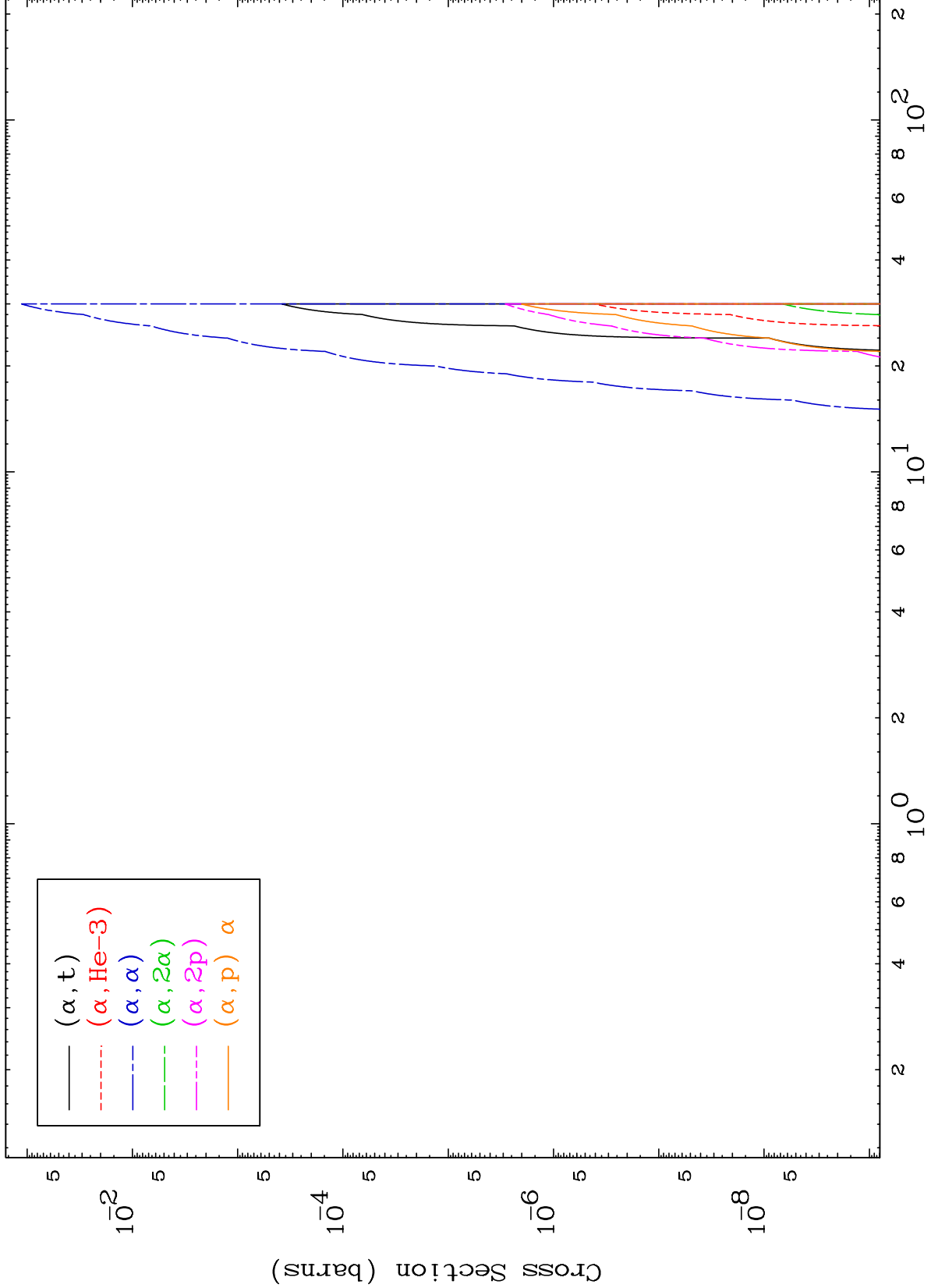
81-Tl-195



Incident Energy (MeV)

81-Tl-195



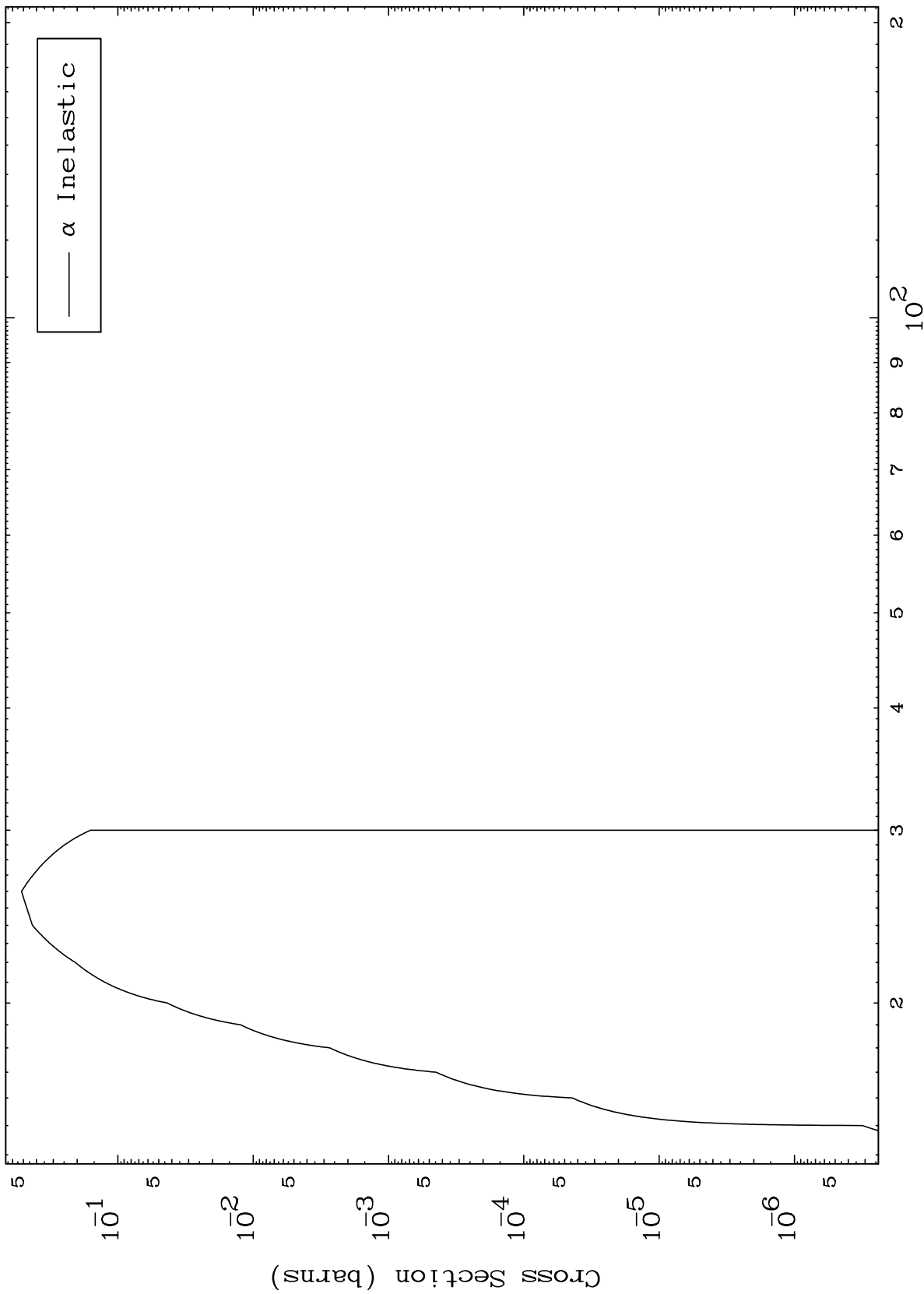


MAT 8102

( $\alpha, n'$ ) Level

81-Tl-195

0 Kelvin Cross Sections



5

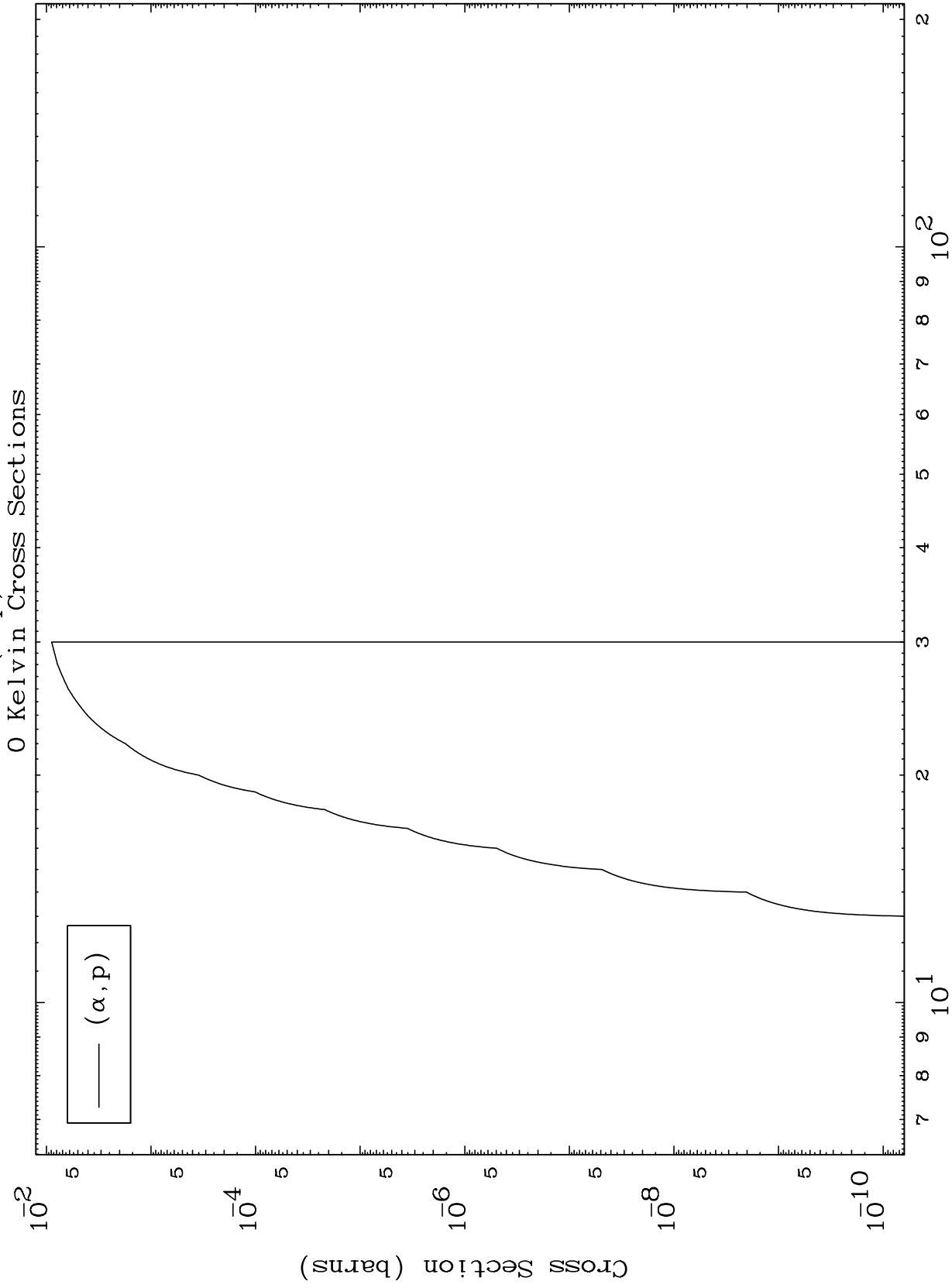
Incident Energy (MeV)

81-Tl-195

MAT 8102

( $\alpha, p$ ) Levels

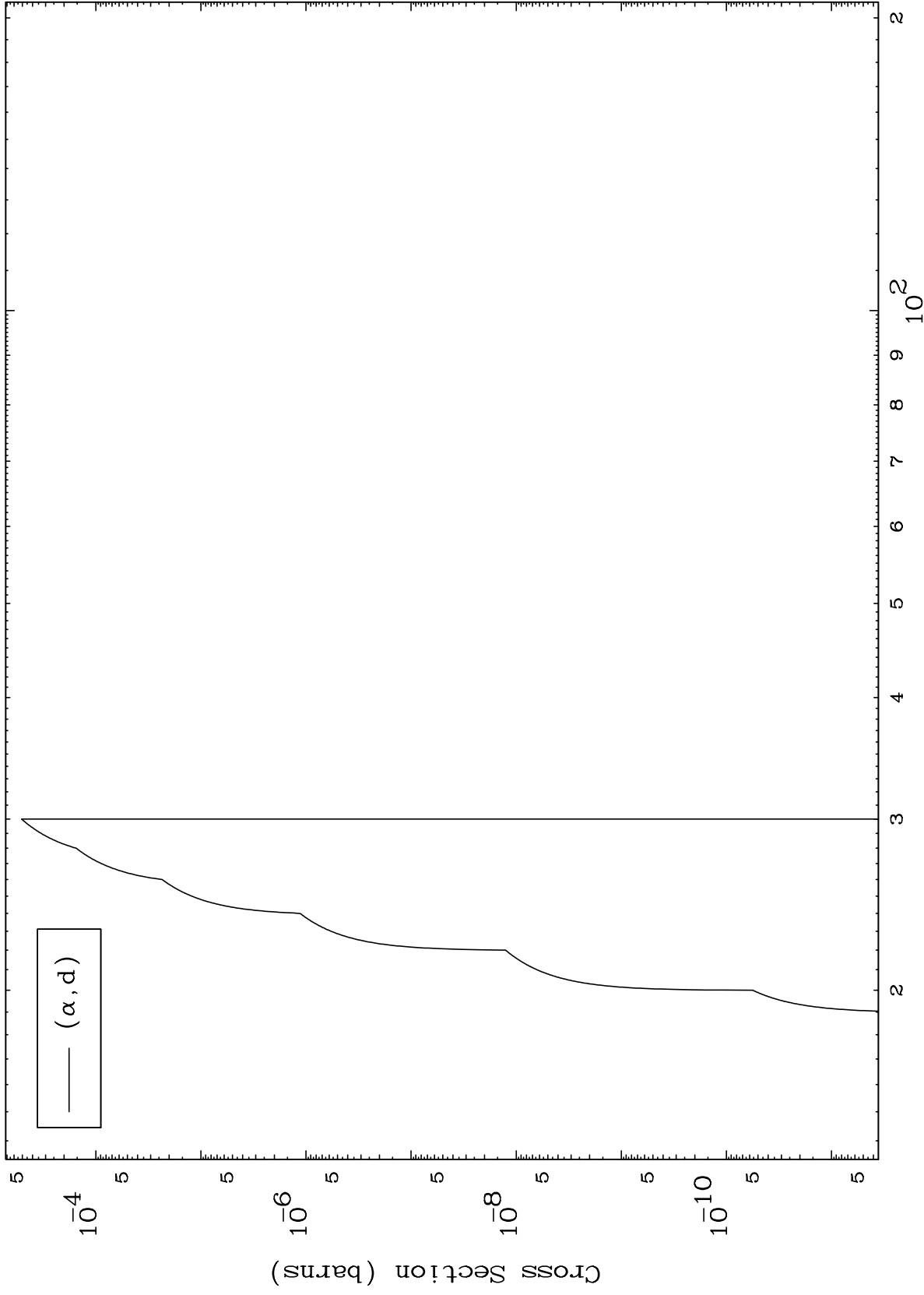
81-Tl-195



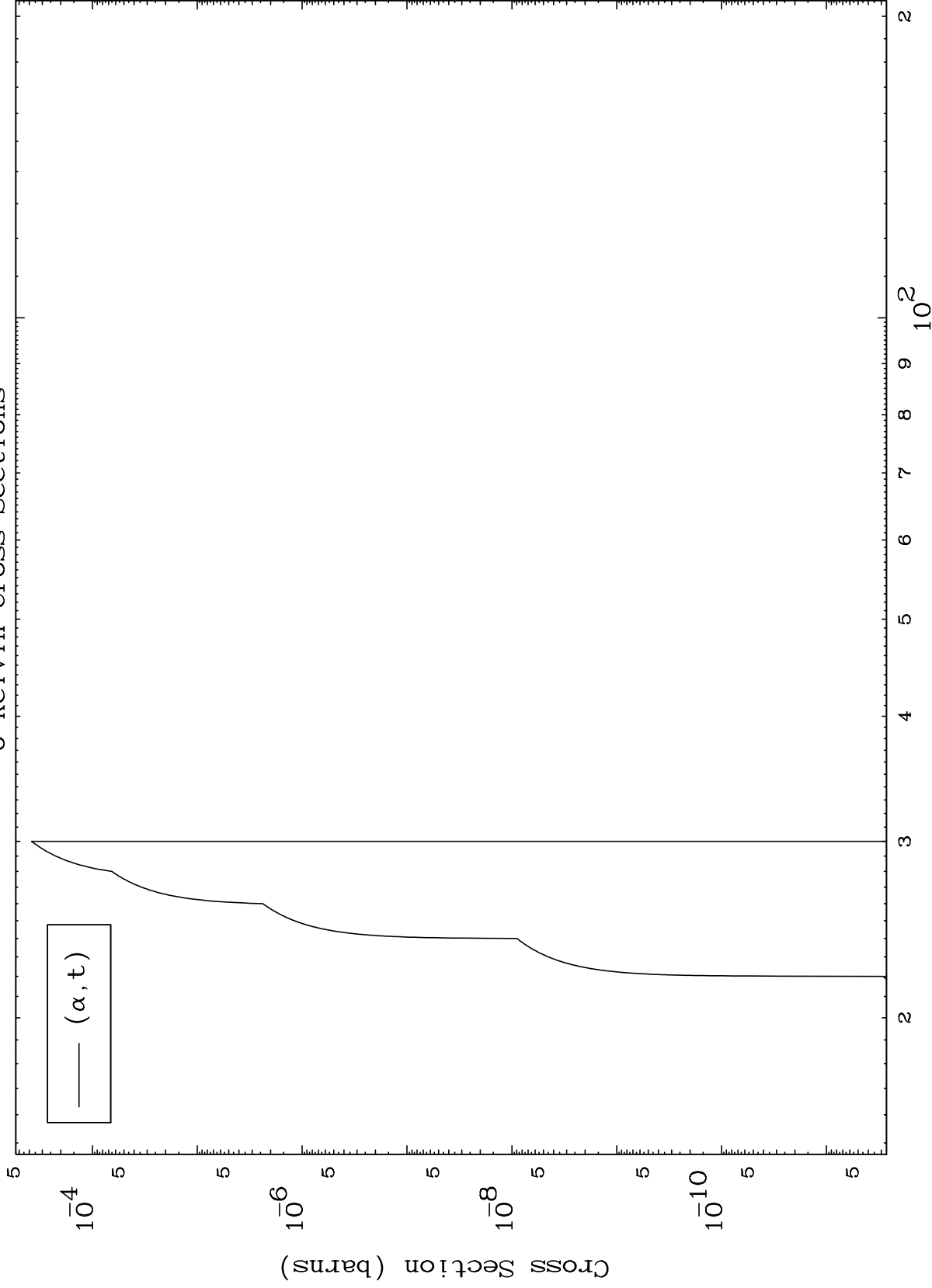
6

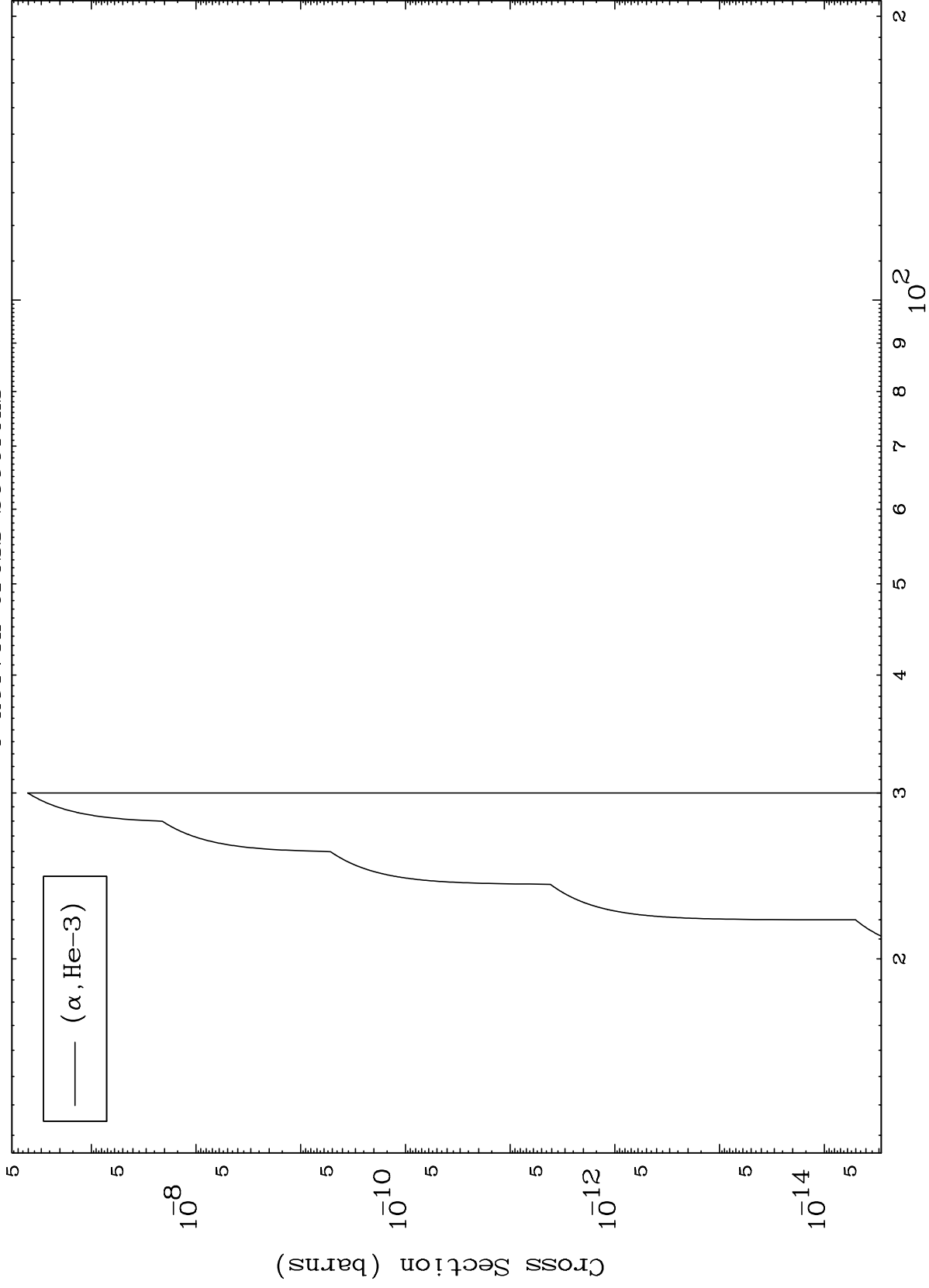
Incident Energy (MeV)

81-Tl-195







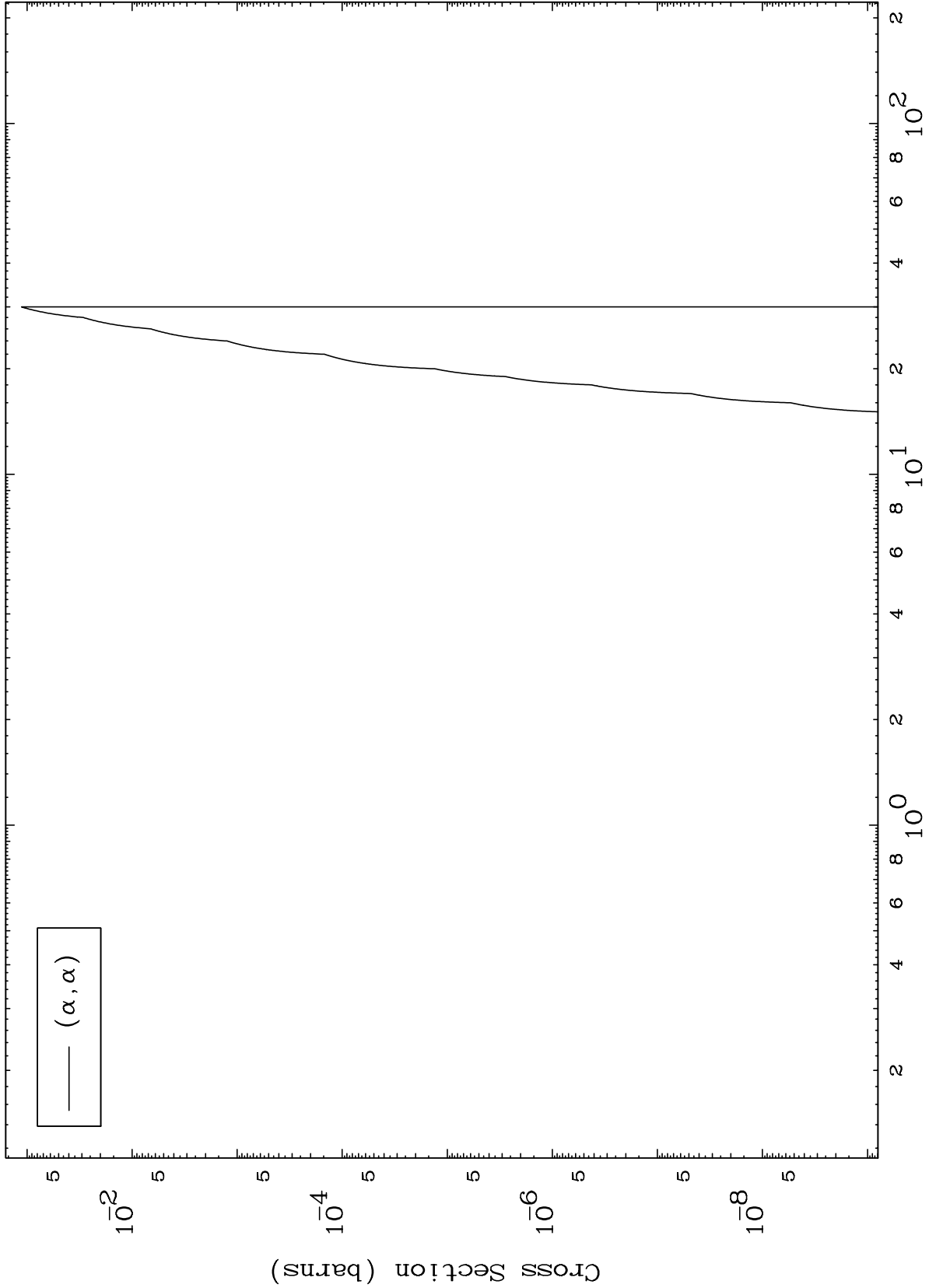


MAT 8102

( $\alpha, \alpha$ ) Levels

81-Tl-195

0 Kelvin Cross Sections



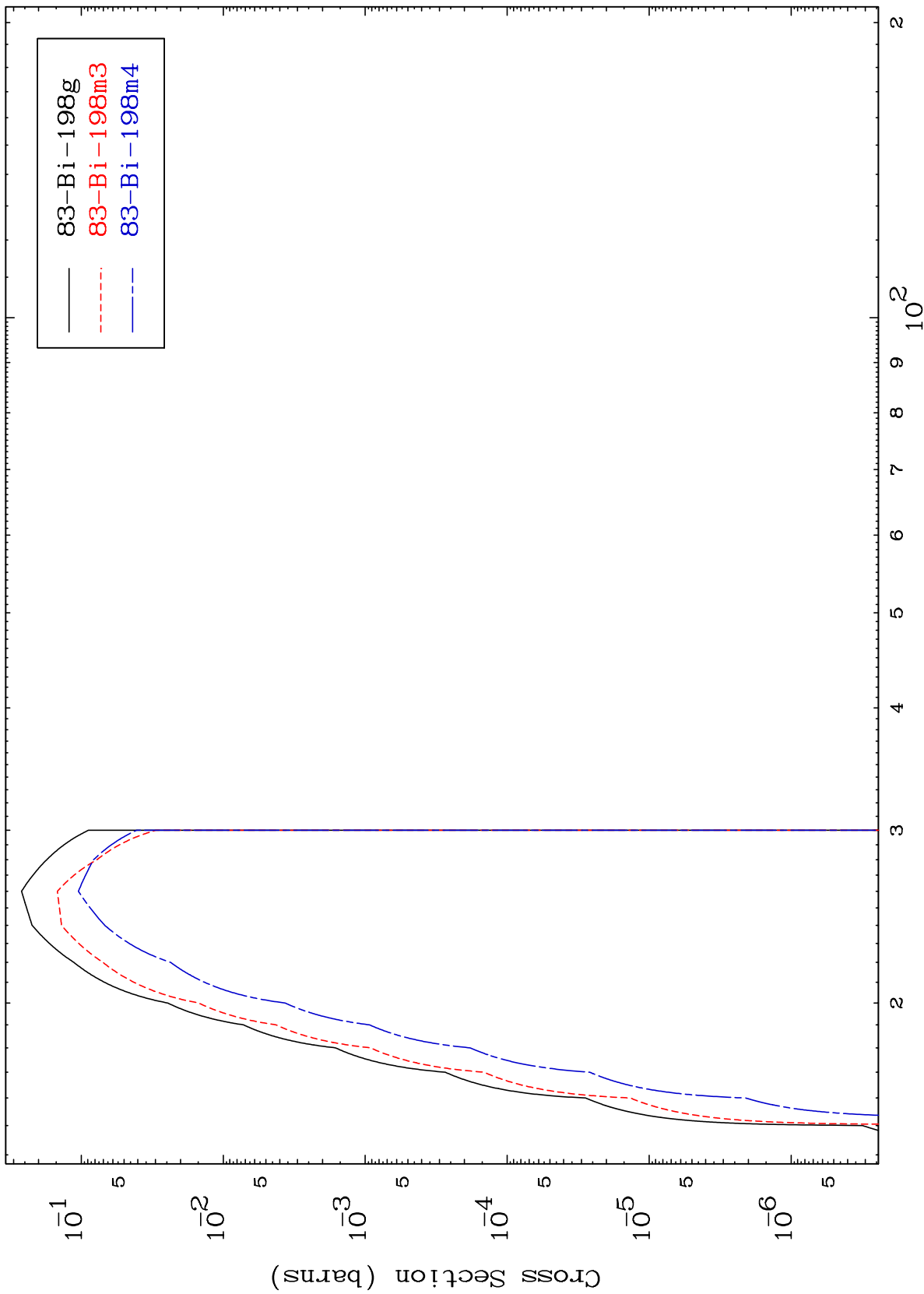
10

Incident Energy (MeV)

81-Tl-195

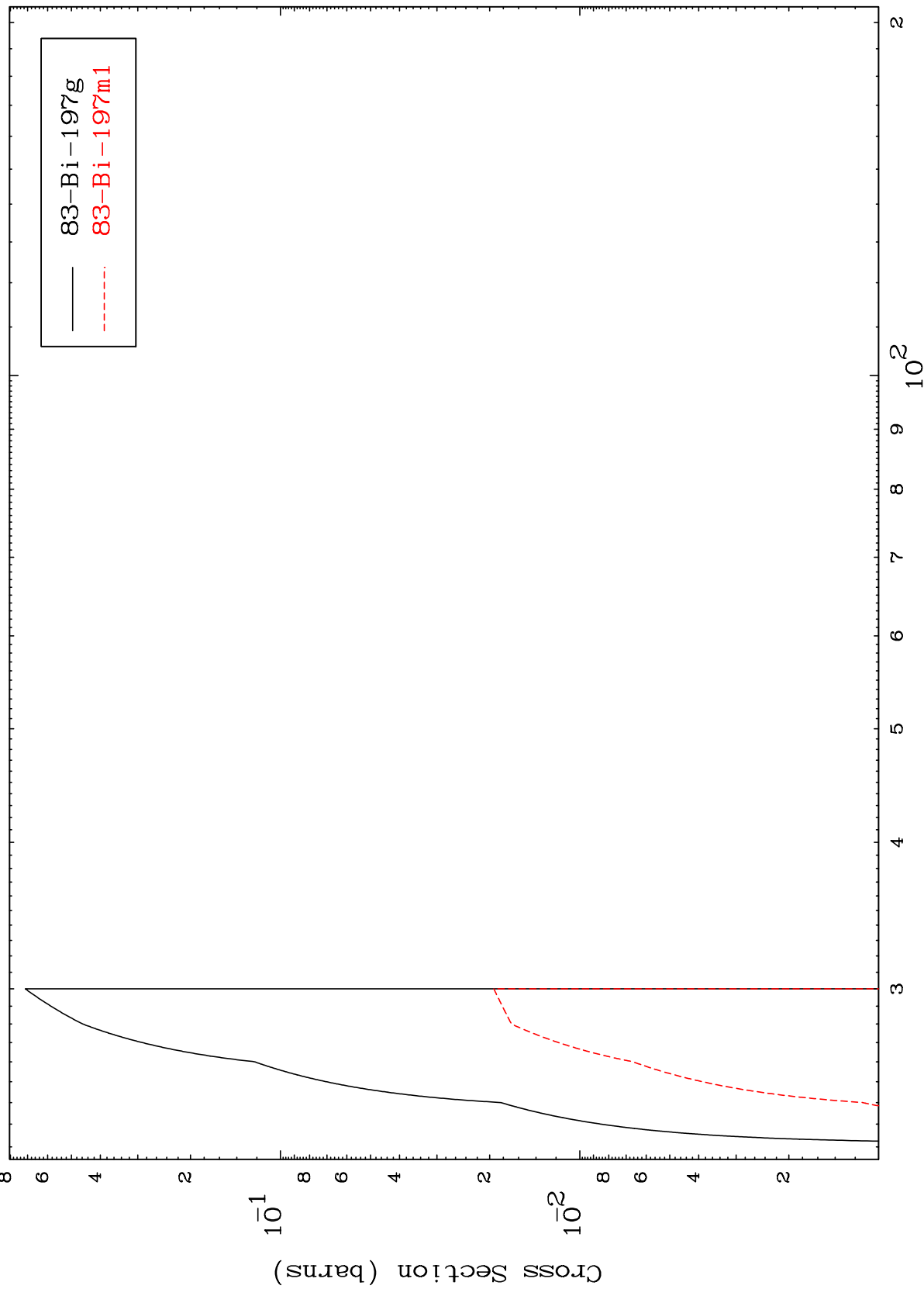
Radionuclide Production Cross Section

$\alpha$  Inelastic



Incident Energy (MeV)

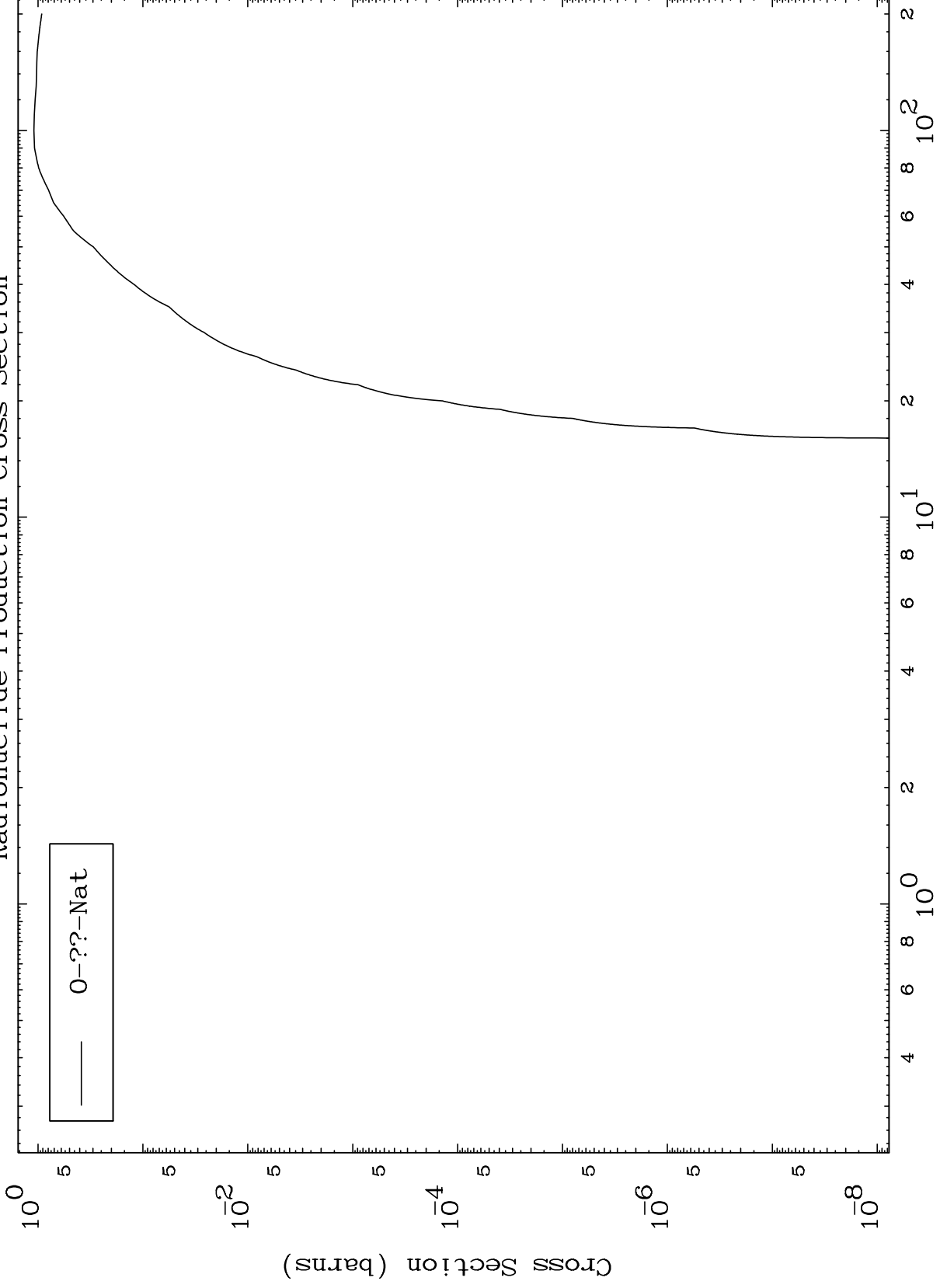
Radionuclide Production Cross Section  
( $\alpha, 2n$ )



MAT 8102

81-Tl-195

$\alpha$  Fission  
Radionuclide Production Cross Section

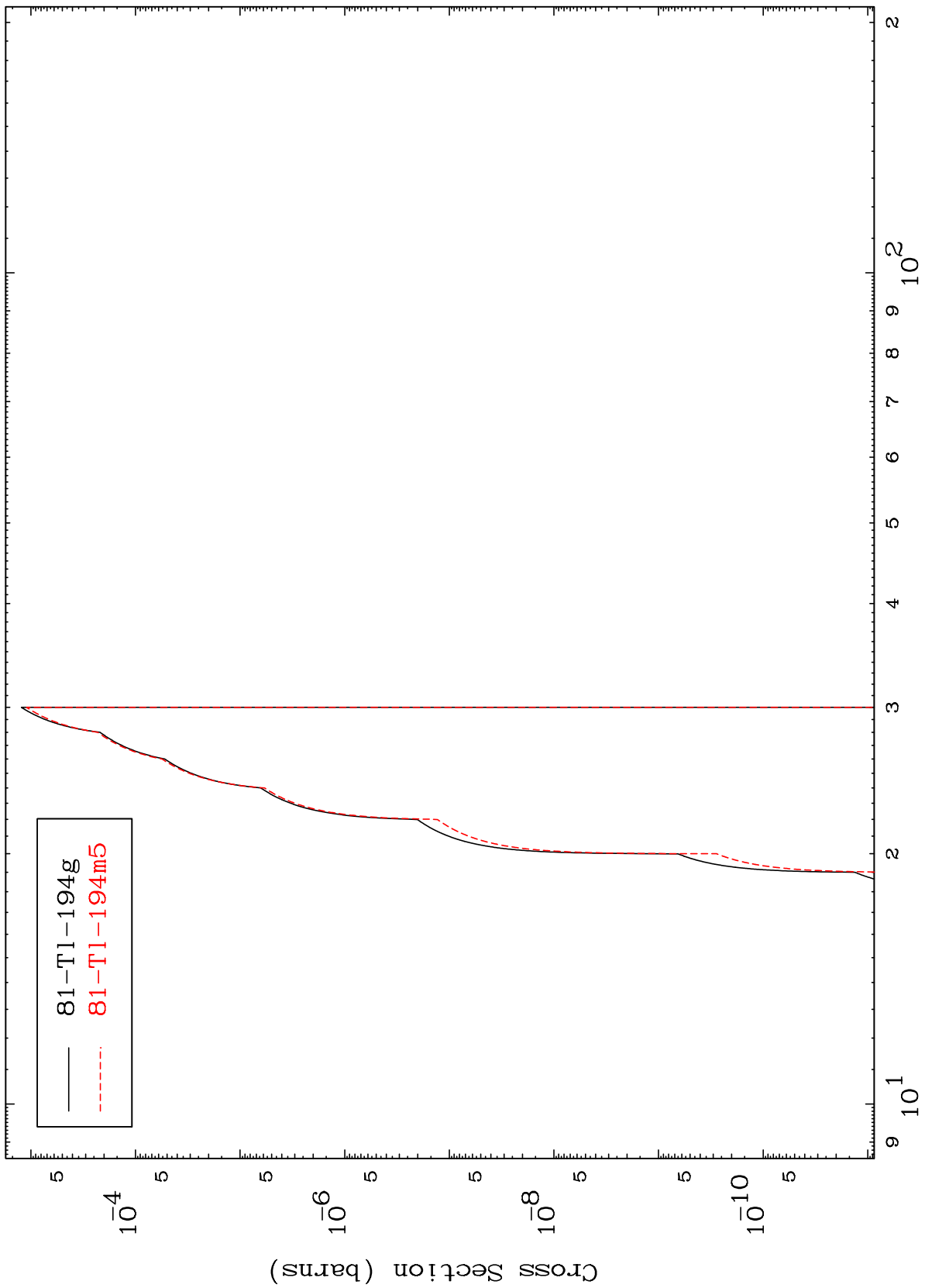


MAT 8102

81-Tl-195

$(\alpha, n')$   $\alpha$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

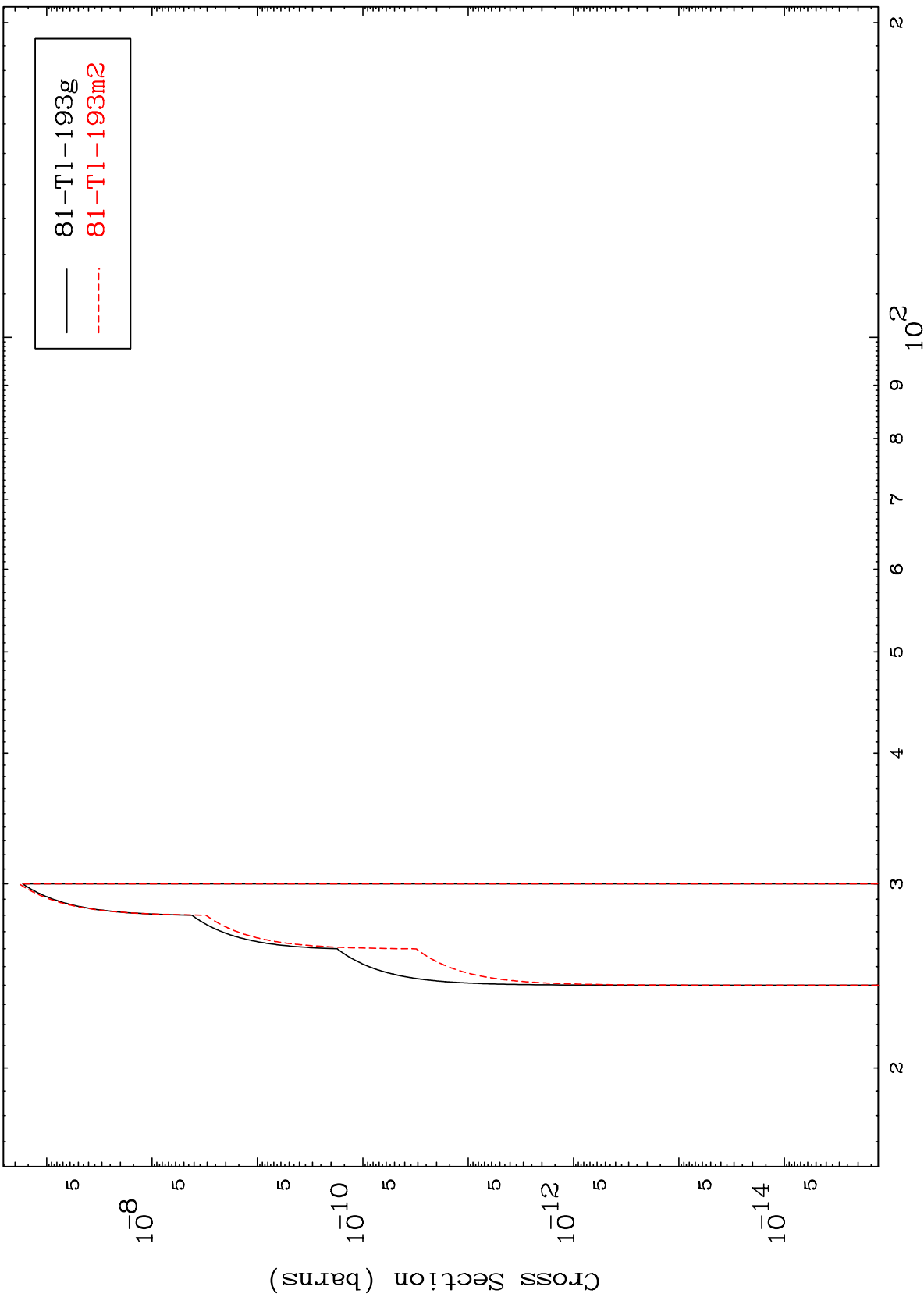
81-Tl-195

MAT 8102

$(\alpha, 2n) \alpha$

81-Tl-195

Radionuclide Production Cross Section



15

Incident Energy (MeV)

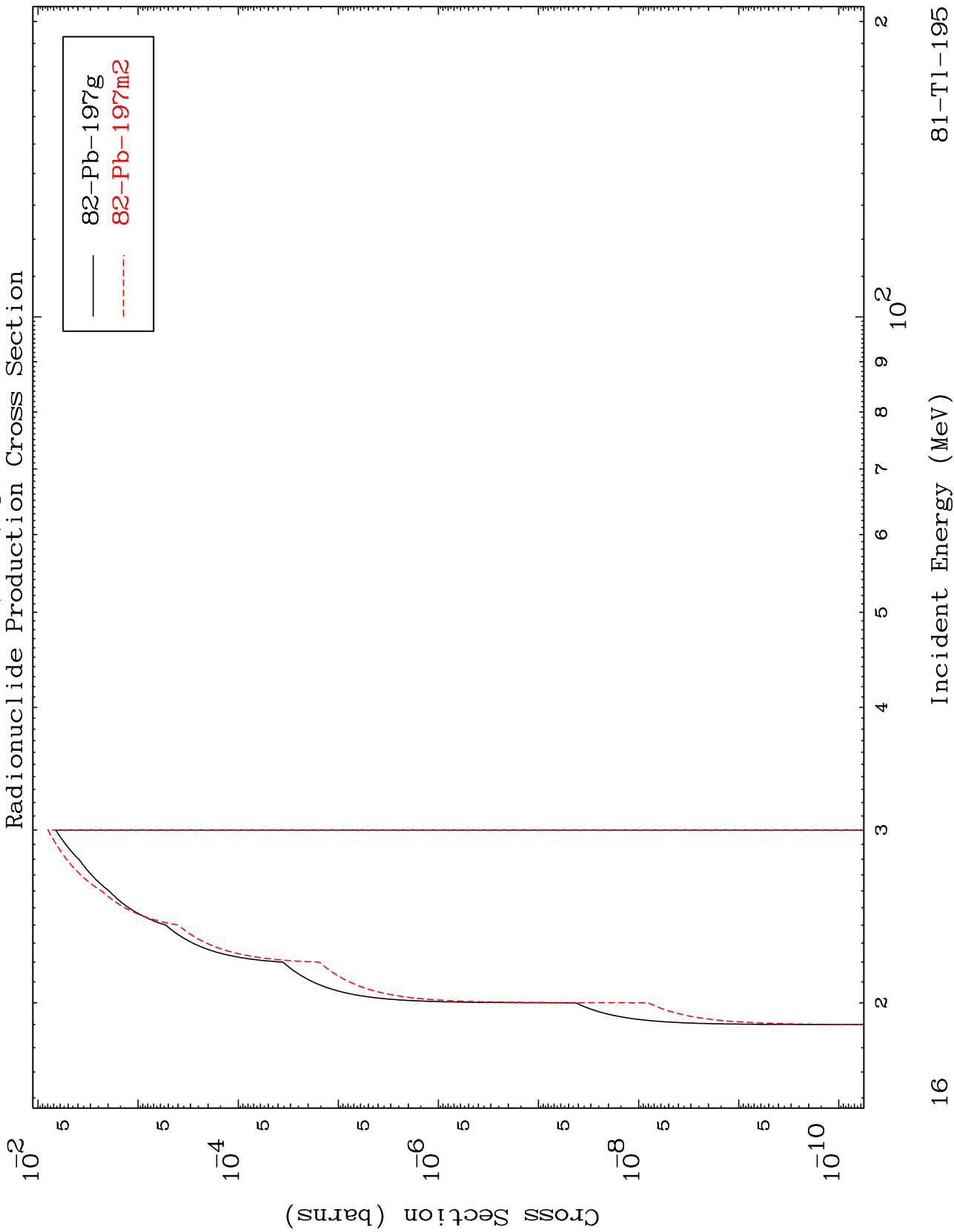
81-Tl-195



MAT 8102

$(\alpha, n')$  p

81-T1-195



16

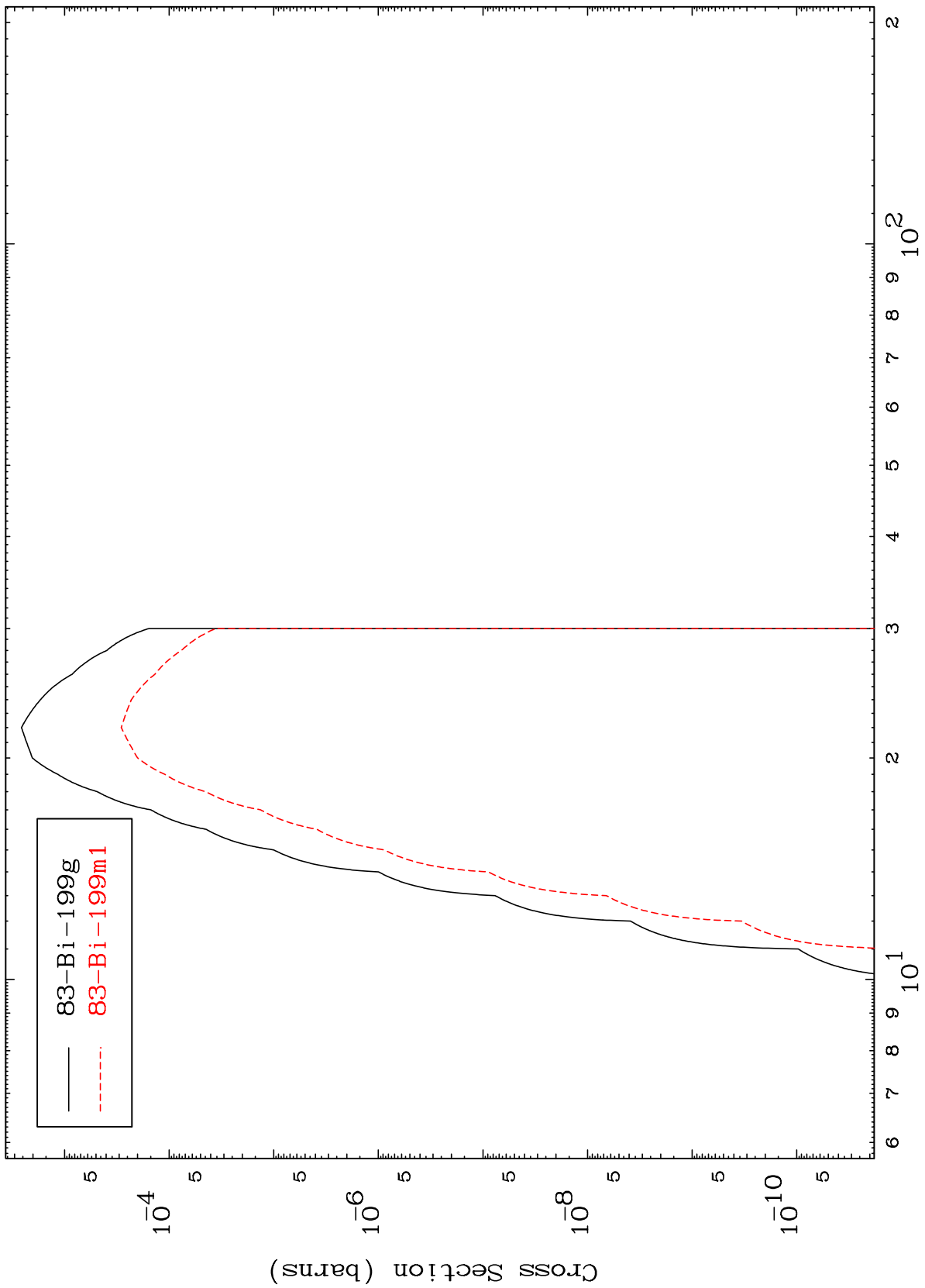
Incident Energy (MeV)

81-T1-195

MAT 8102

81-Tl-195

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

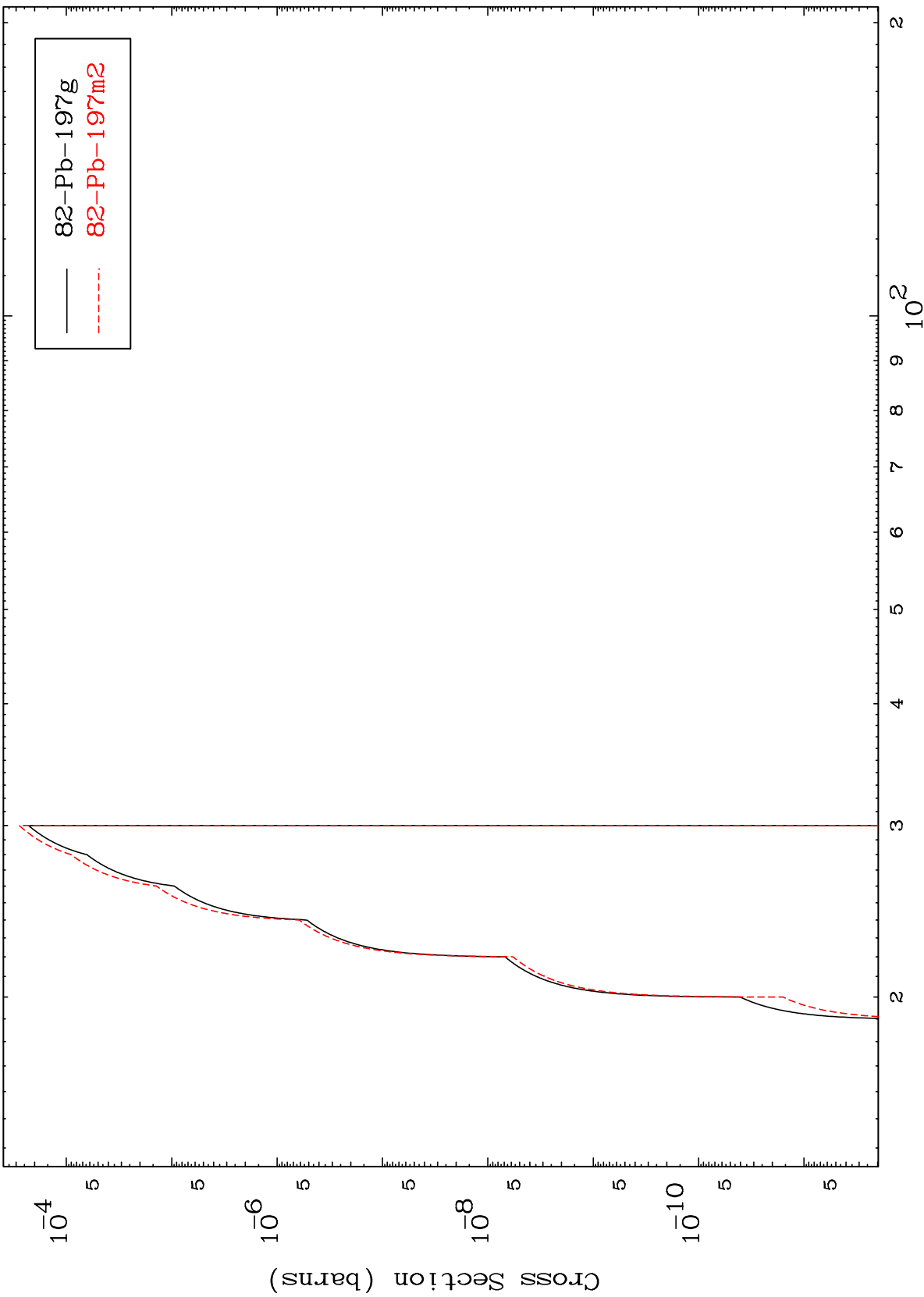


17

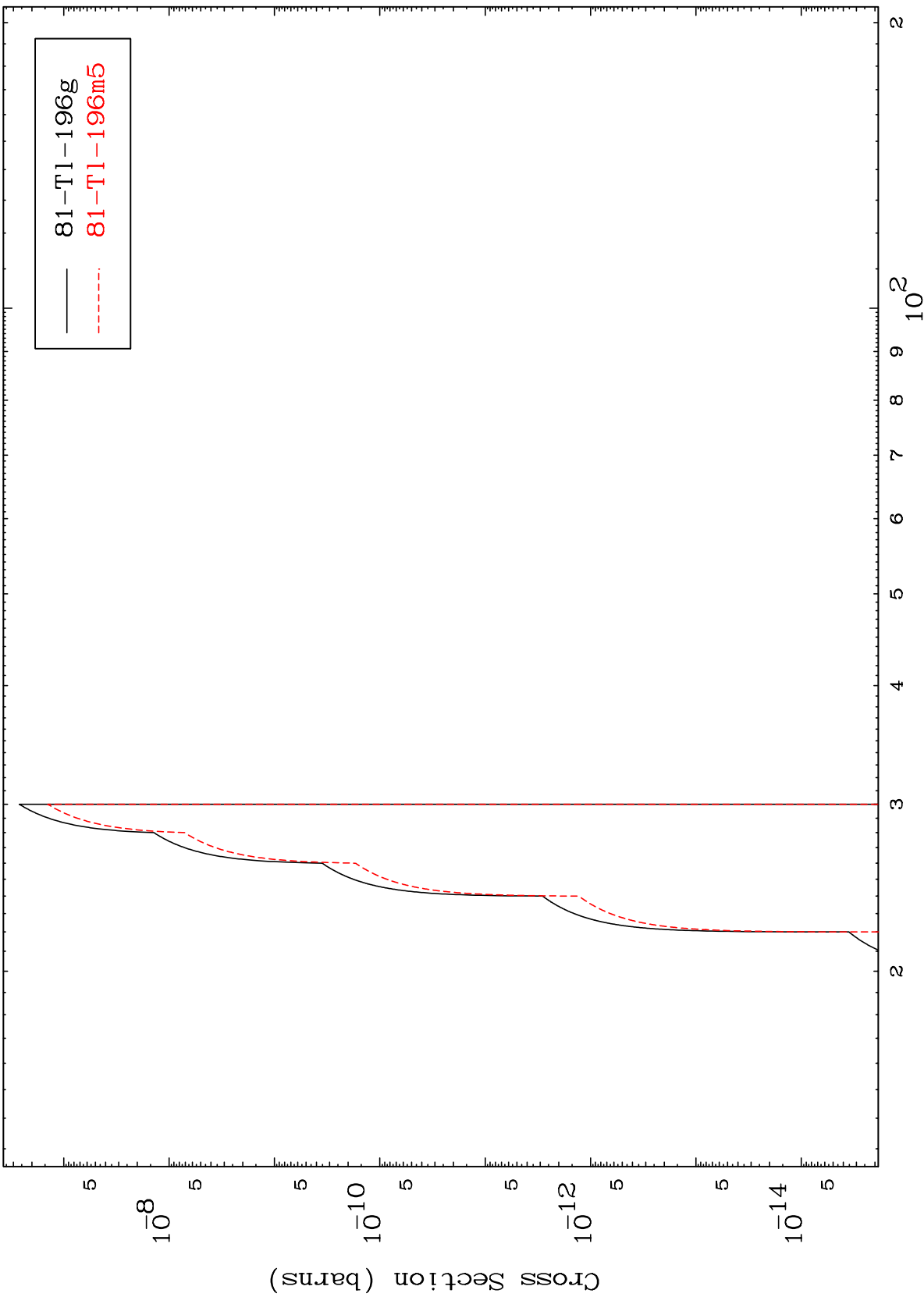
Incident Energy (MeV)

81-Tl-195

Radionuclide Production Cross Section



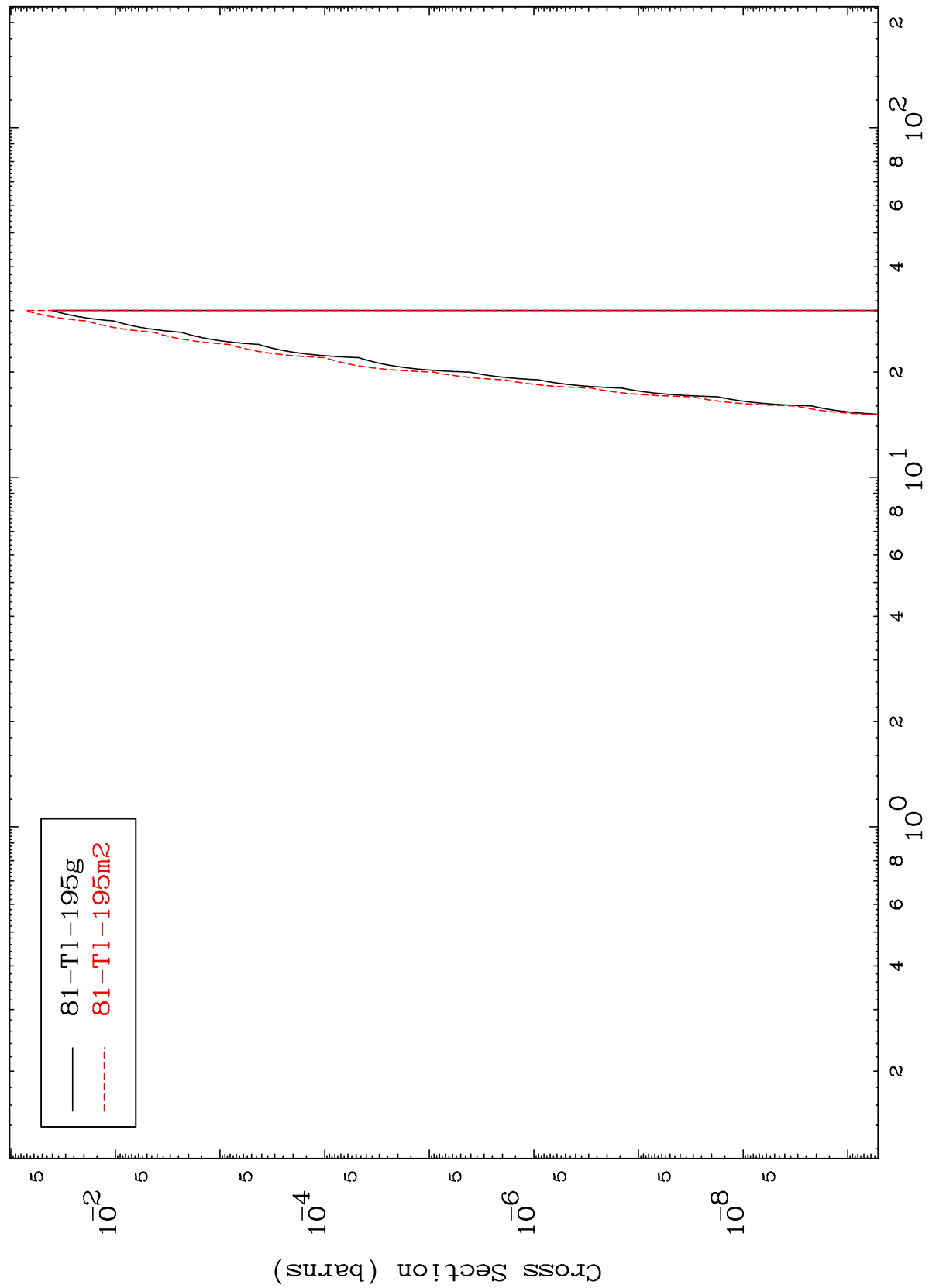
( $\alpha, \text{He-3}$ )  
Radionuclide Production Cross Section



MAT 8102

81-Tl-195

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

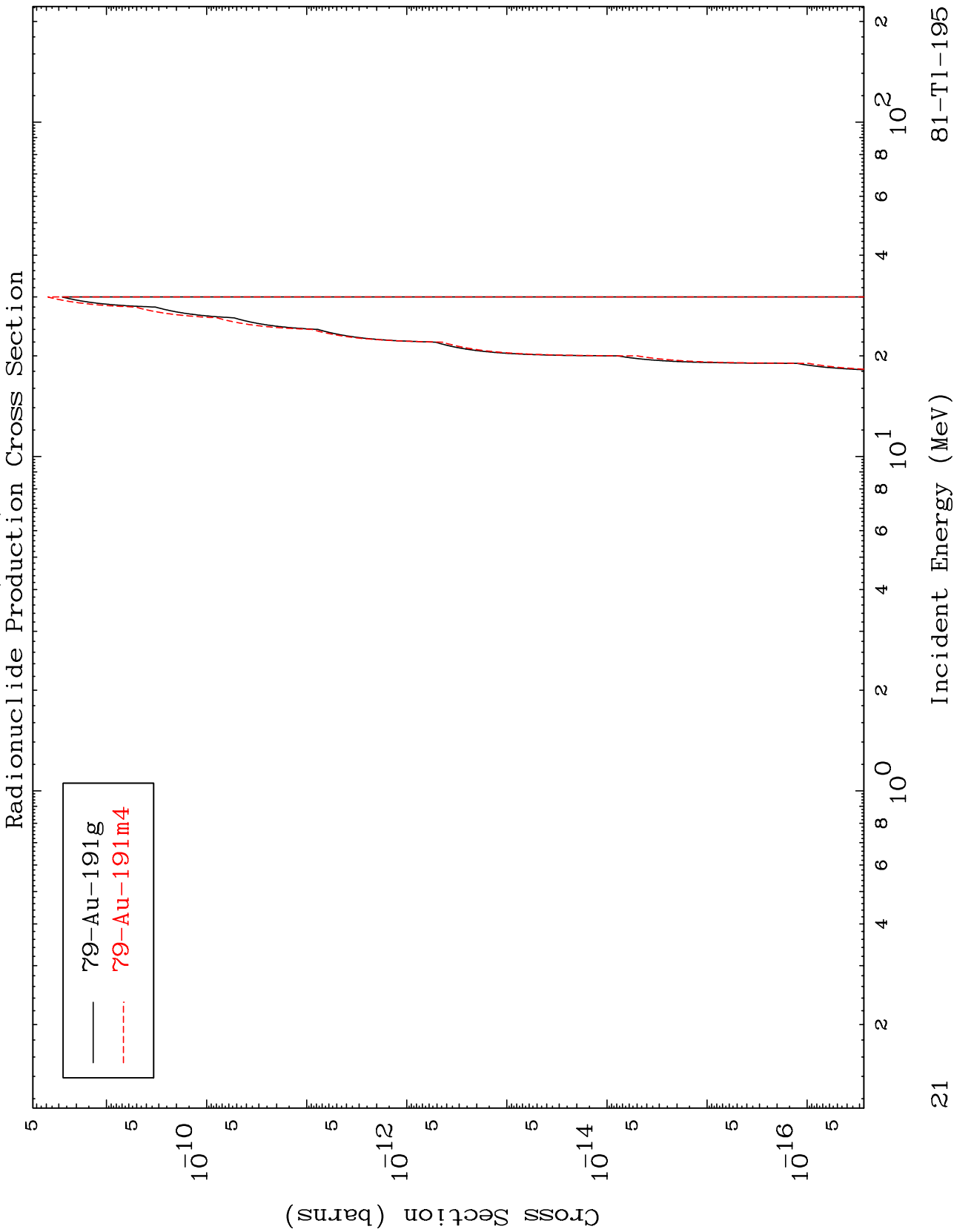


— 81-Tl-195g  
- - - 81-Tl-195m2

MAT 8102

81-Tl-195

( $\alpha, 2\alpha$ )



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

