

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

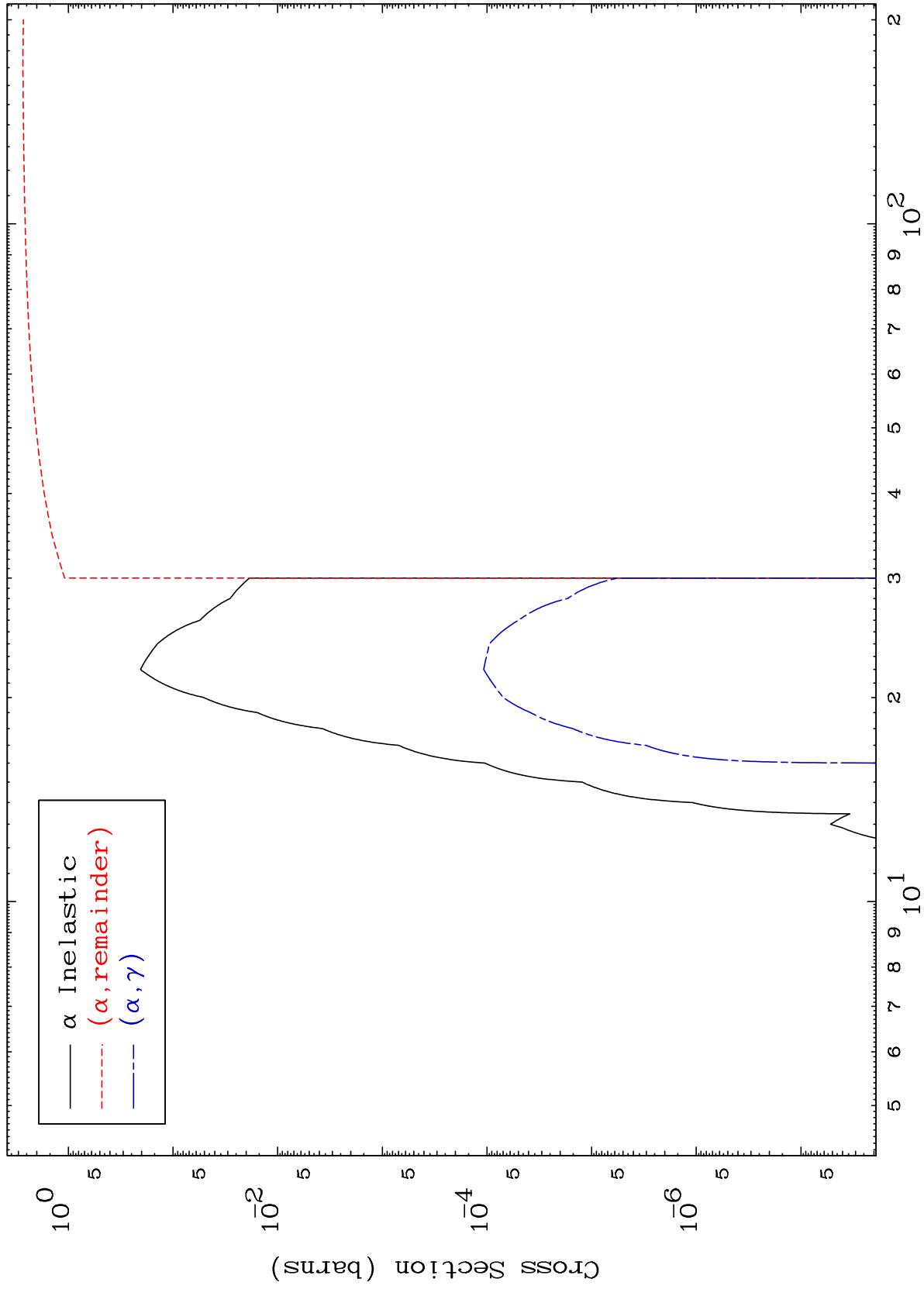
Press Mouse Button to Start

MAT 8110

$\alpha$  Major

81-Tl-198

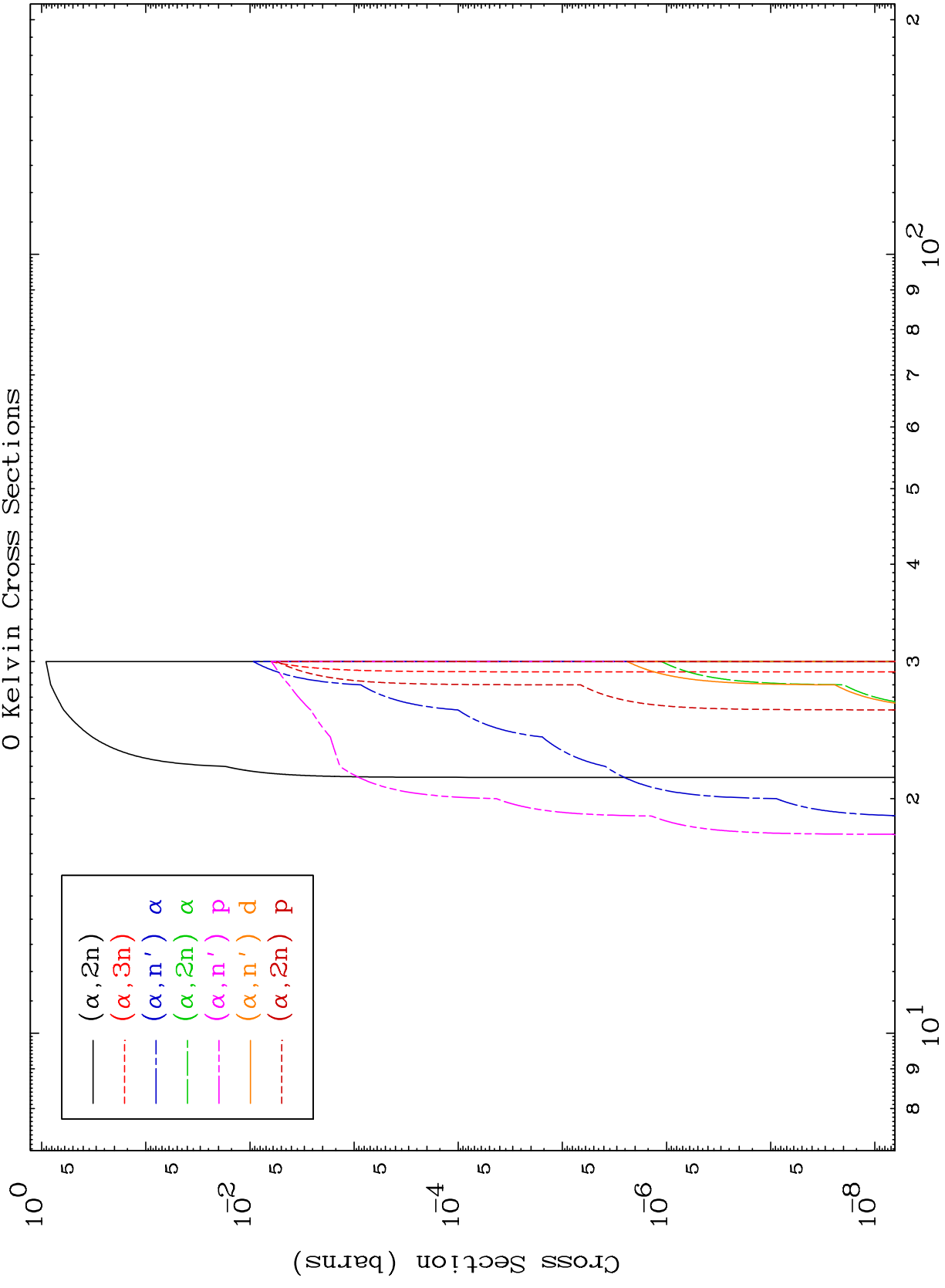
0 Kelvin Cross Sections

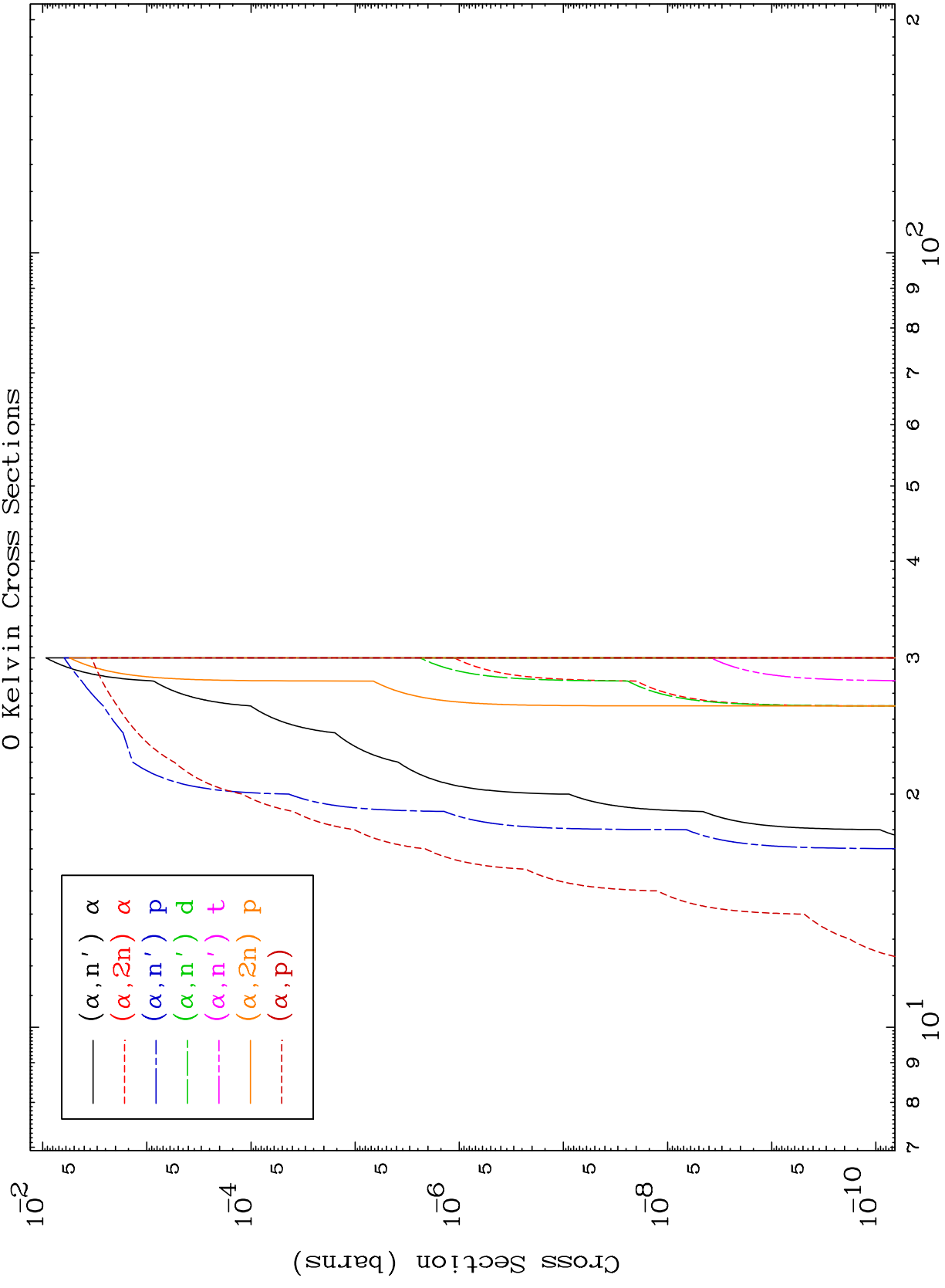


1

Incident Energy (MeV)

81-Tl-198

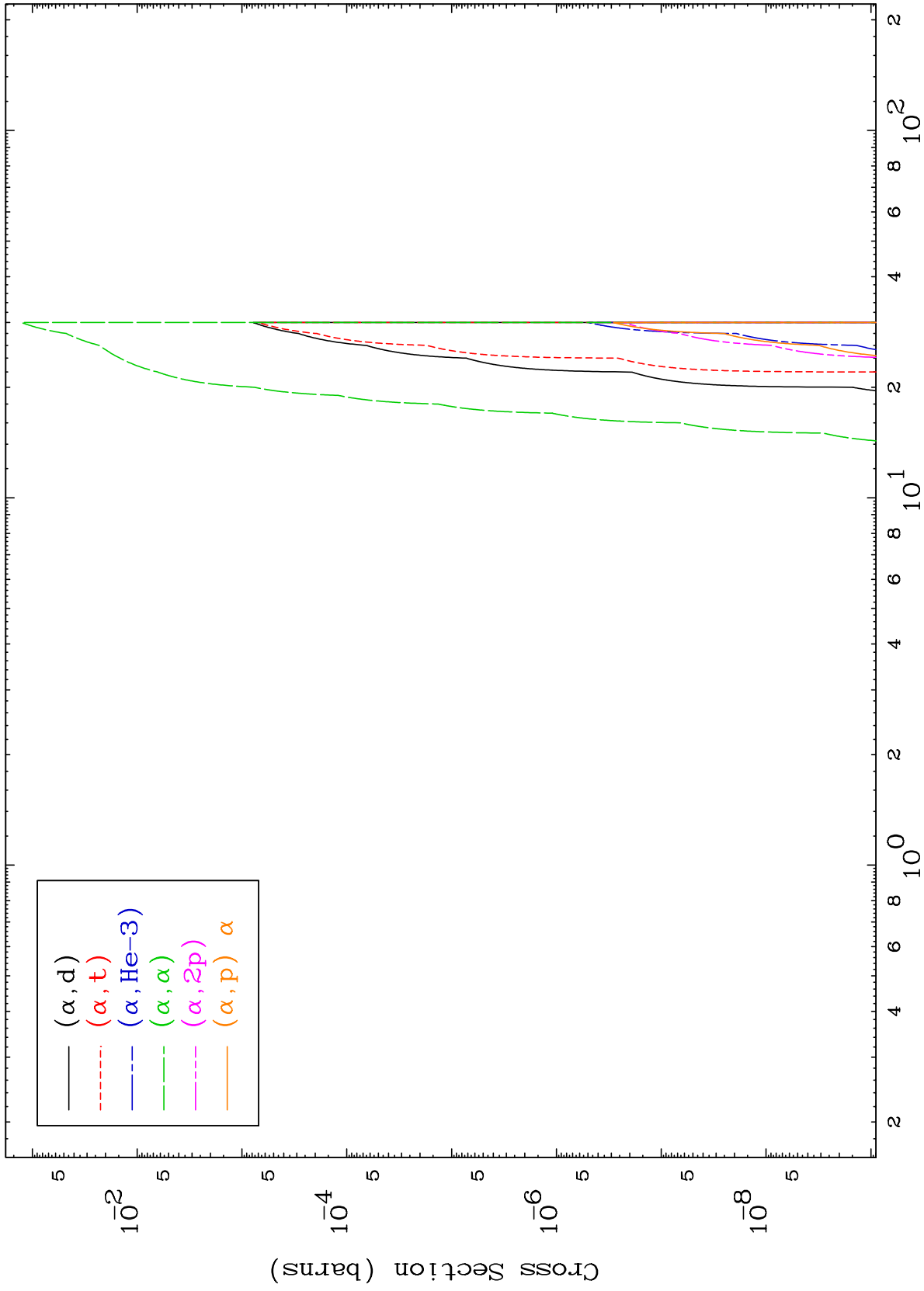




MAT 8110

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

81-Tl-198

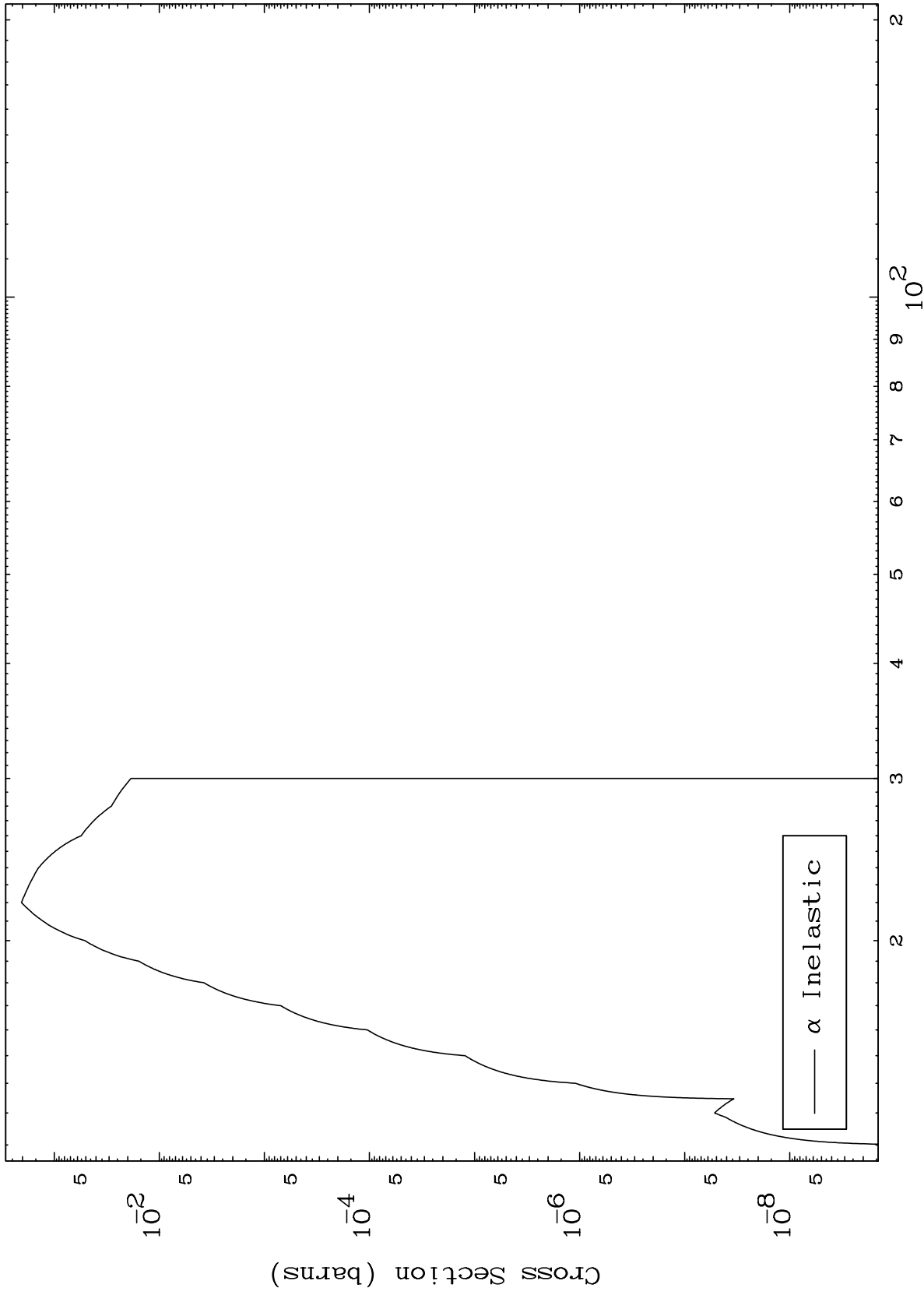


4

MAT 8110

( $\alpha, n'$ ) Level  
0 Kelvin Cross Sections

81-T1-198



5

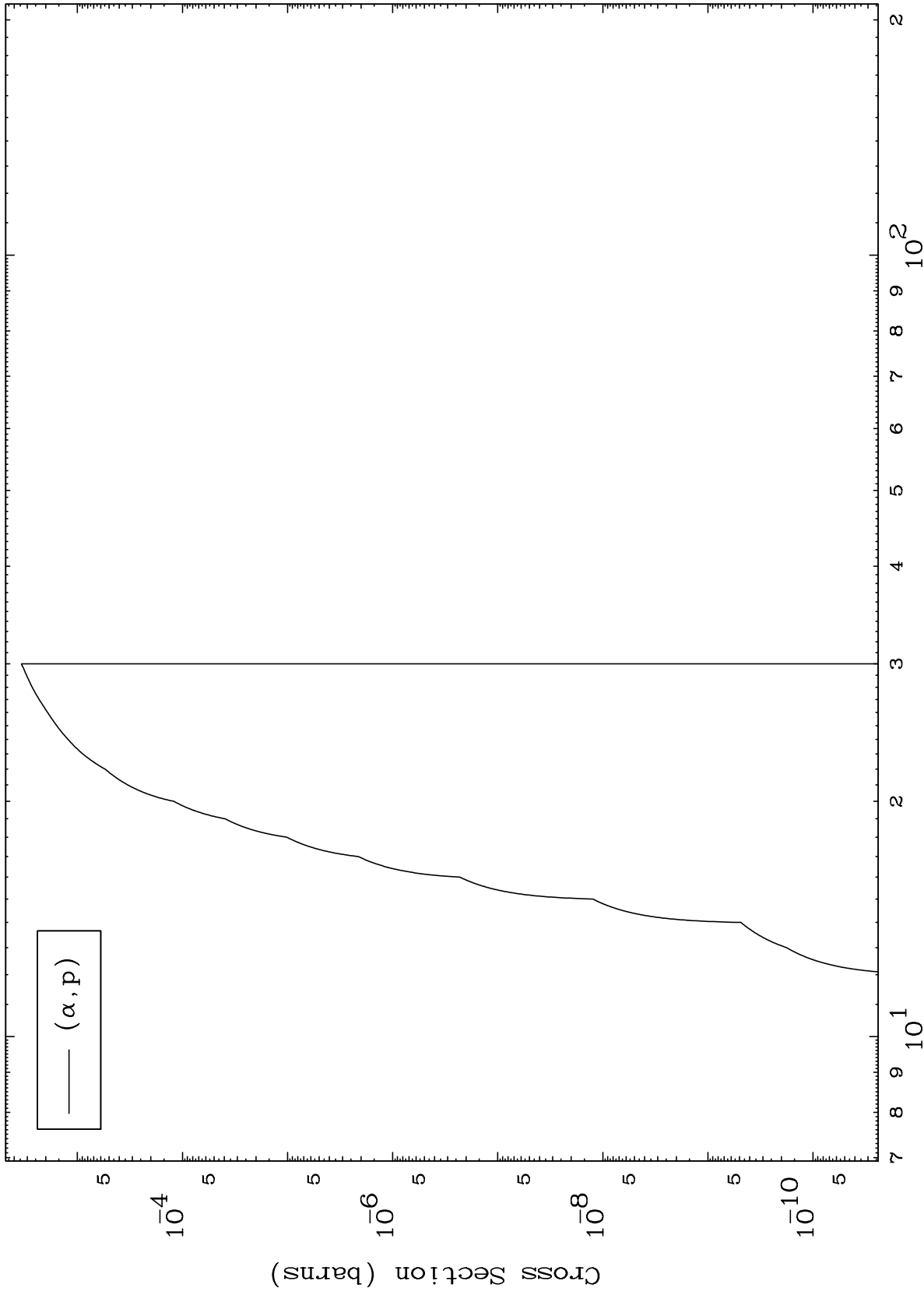
Incident Energy (MeV)

81-T1-198

MAT 8110

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

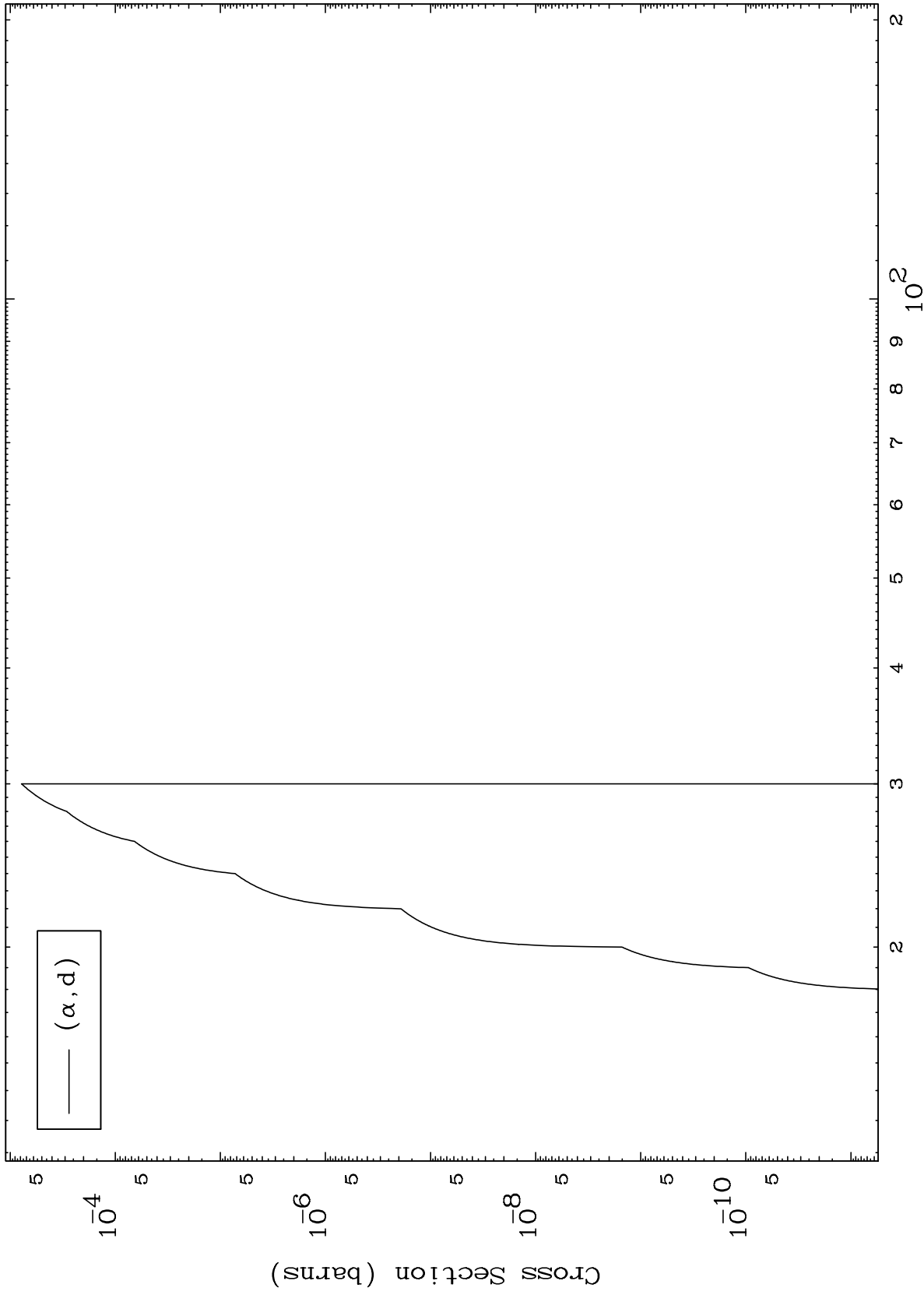
81-T1-198



6

Incident Energy (MeV)

81-T1-198

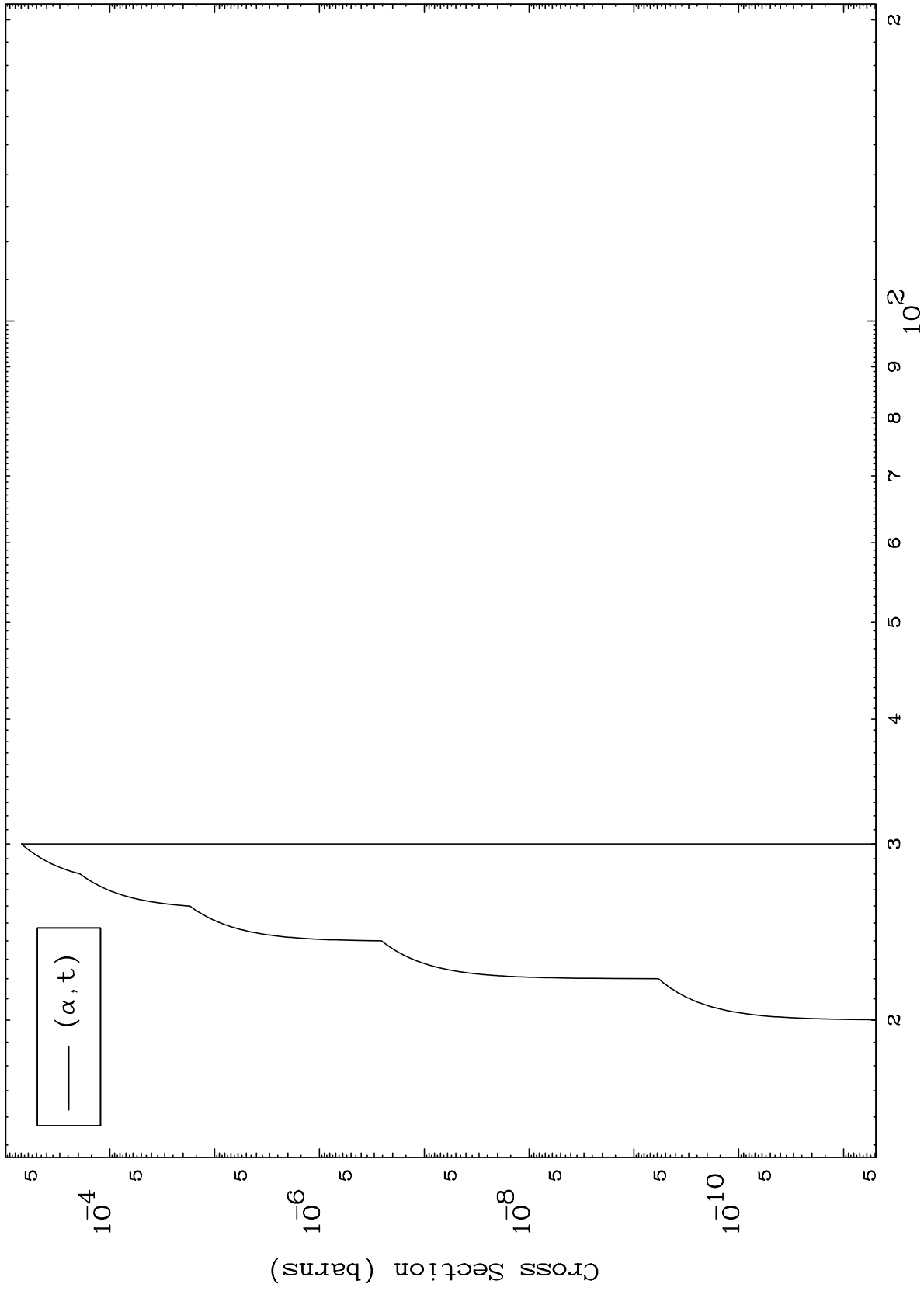




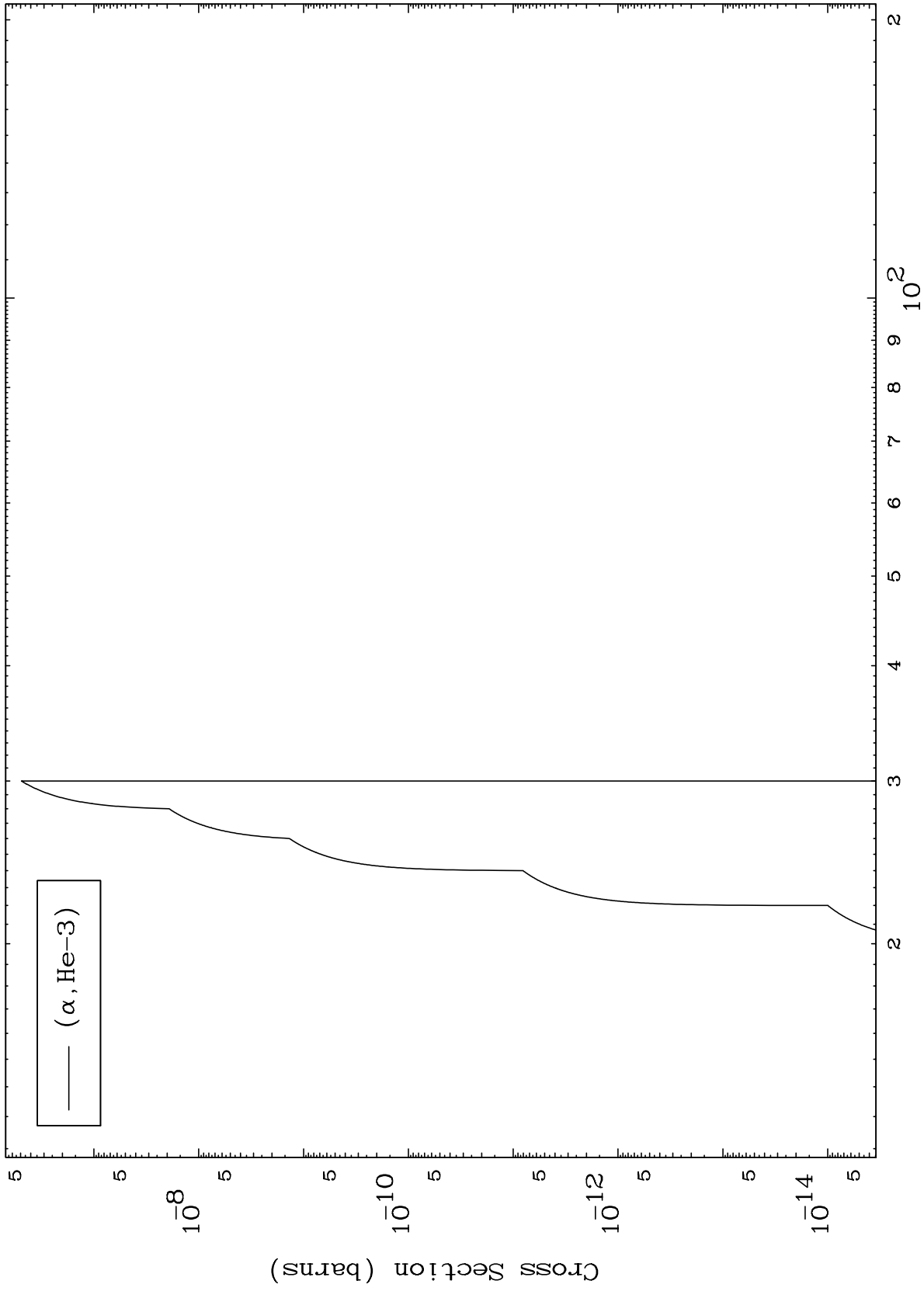
MAT 8110

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

81-T1-198



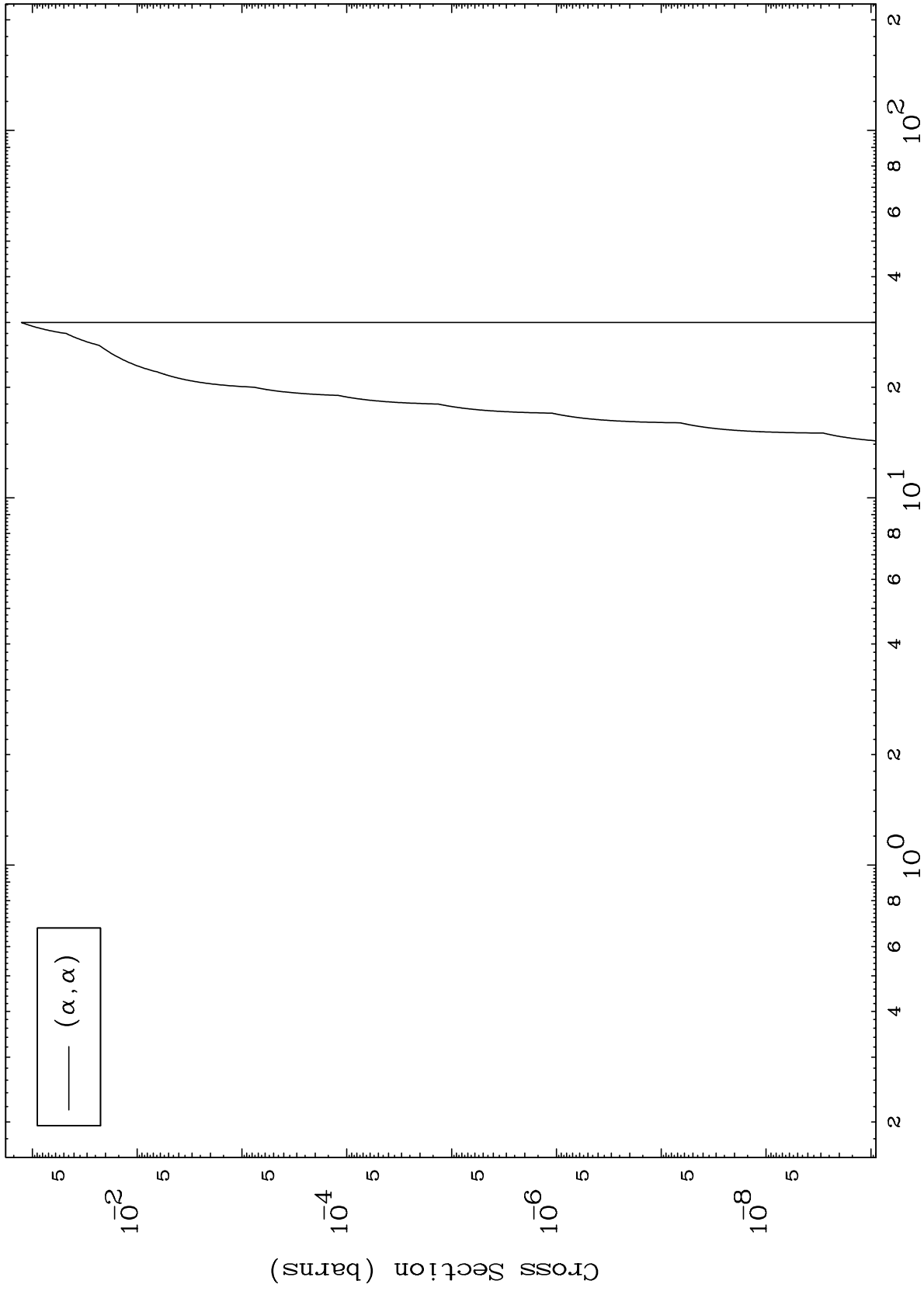
8



MAT 8110

( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

81-Tl-198



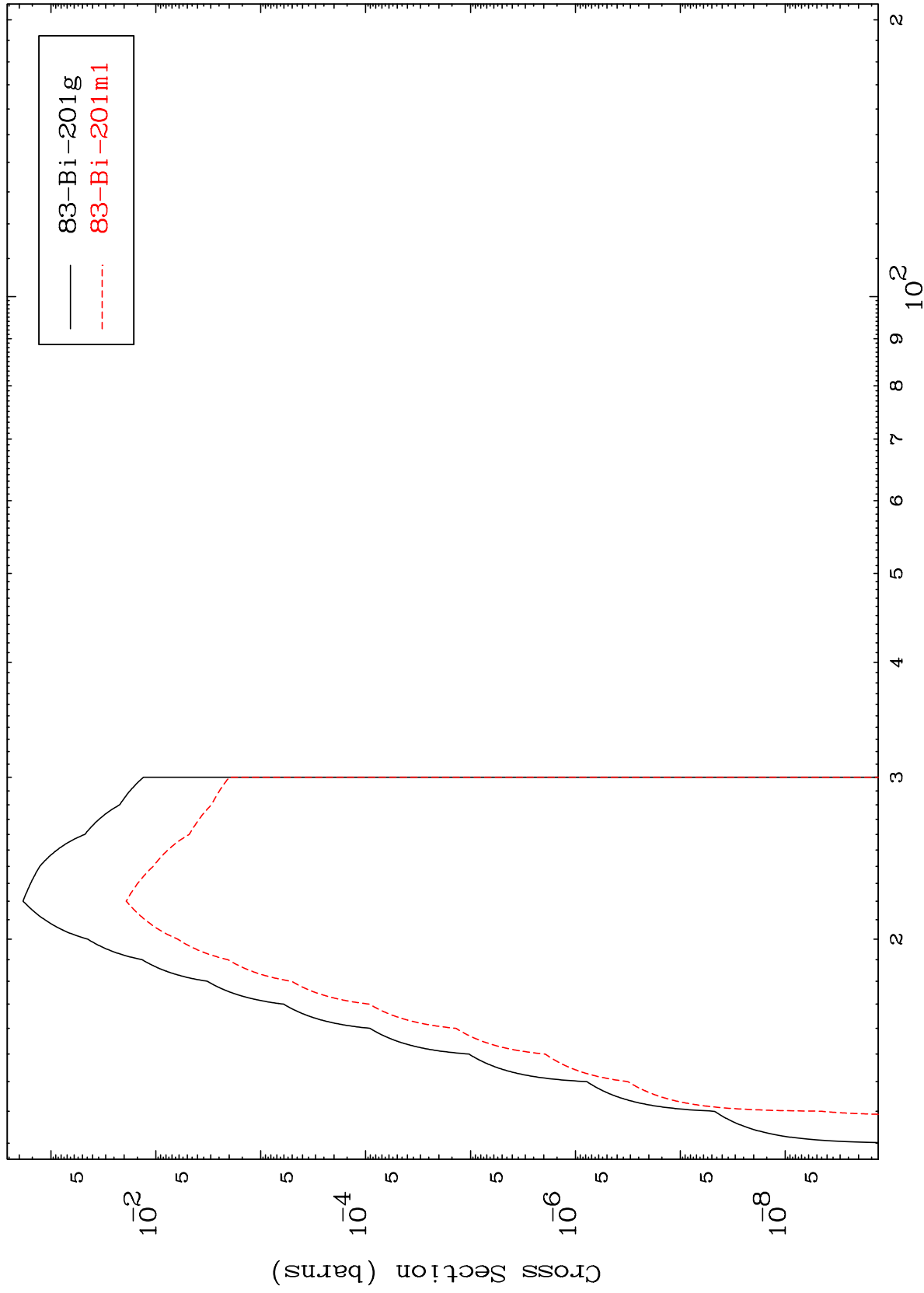
10

Incident Energy (MeV)

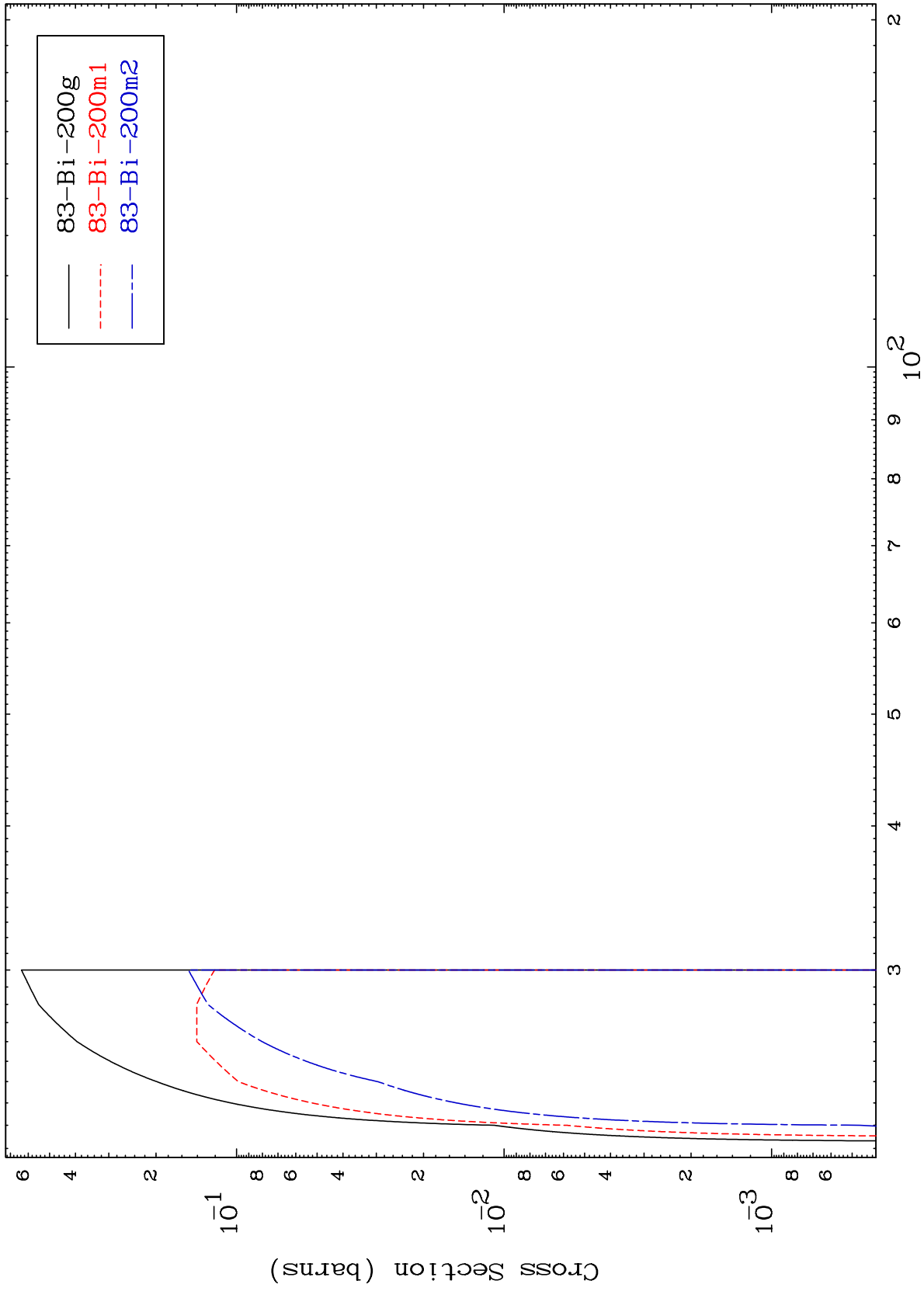
81-Tl-198

Radionuclide Production Cross Section

$\alpha$  Inelastic



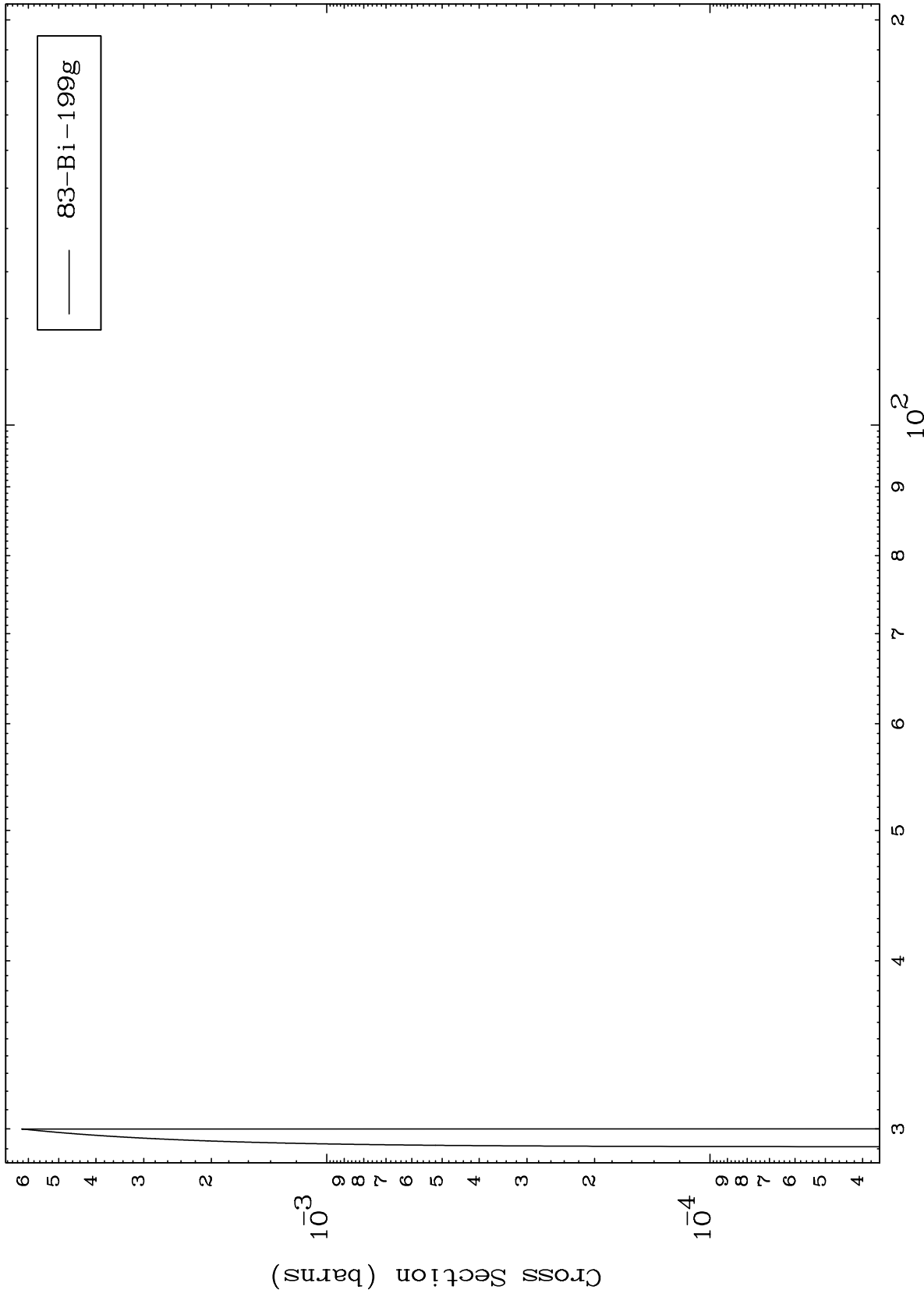
Radionuclide Production Cross Section  
( $\alpha, 2n$ )



MAT 8110

81-Tl-198

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



13

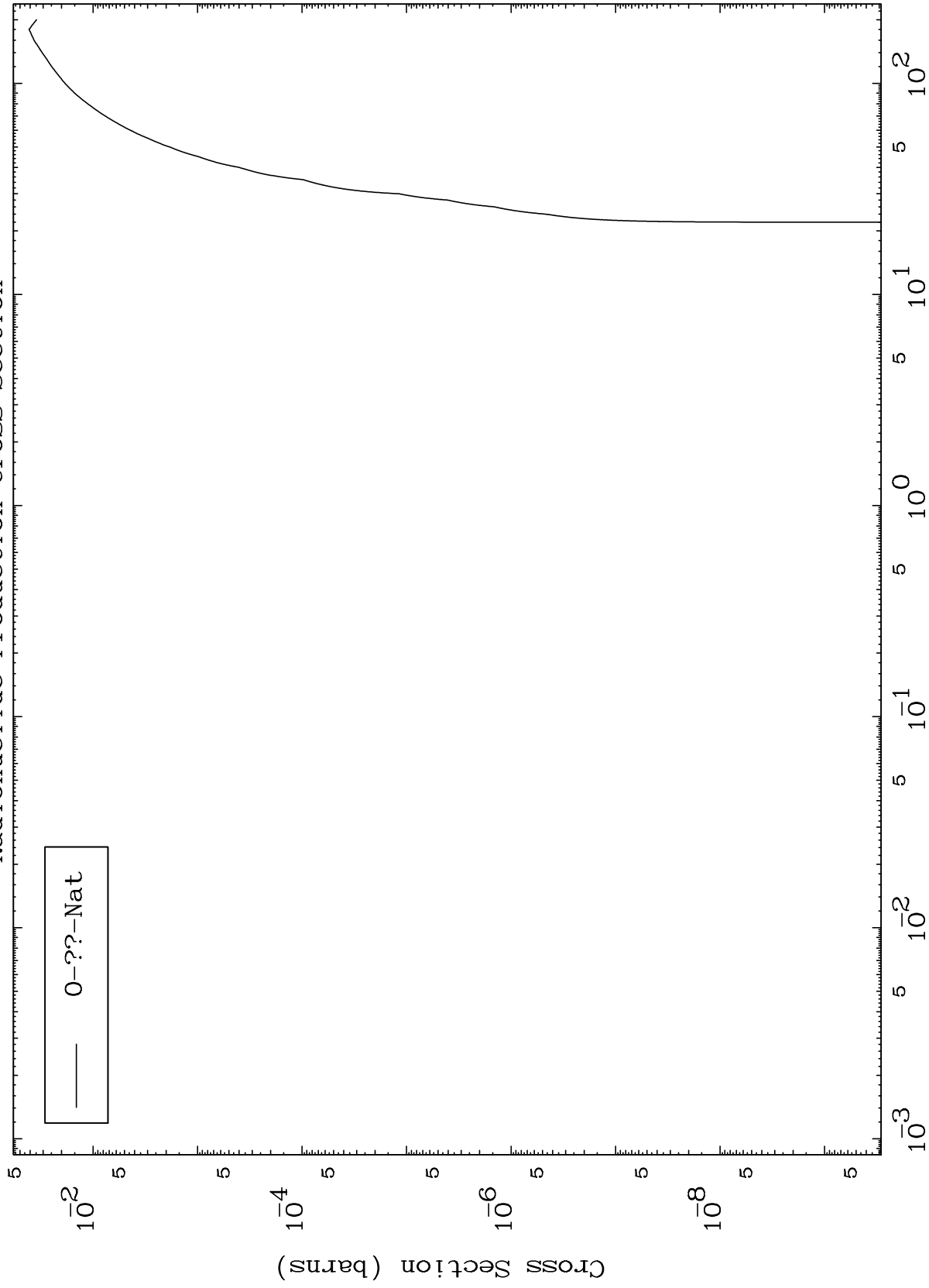
81-Tl-198

Incident Energy (MeV)

MAT 8110

$\alpha$  Fission  
Radionuclide Production Cross Section

81-Tl-198



14

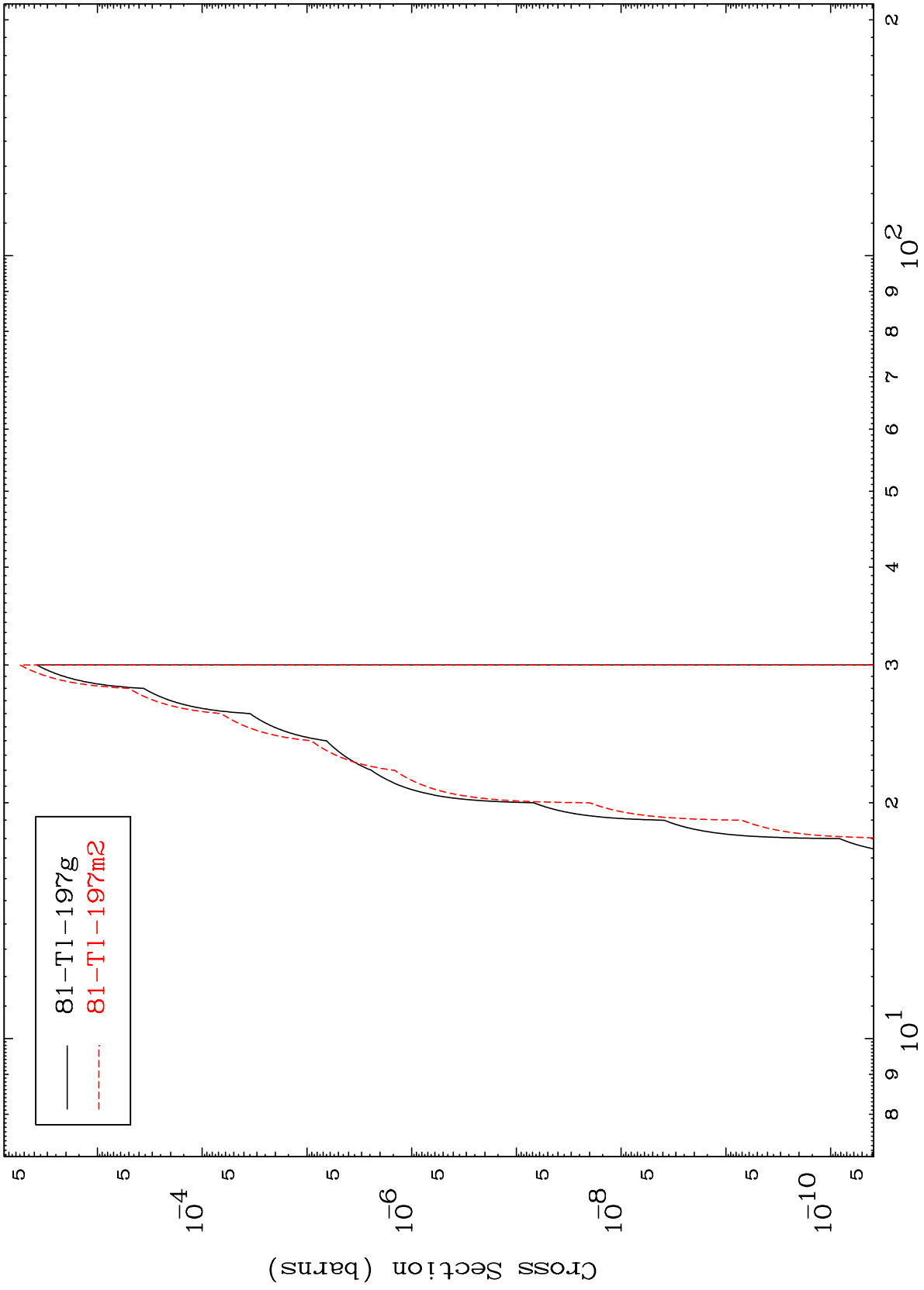
Incident Energy (MeV)

81-Tl-198

MAT 8110

81-Tl-198

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



15

Incident Energy (MeV)

81-Tl-198

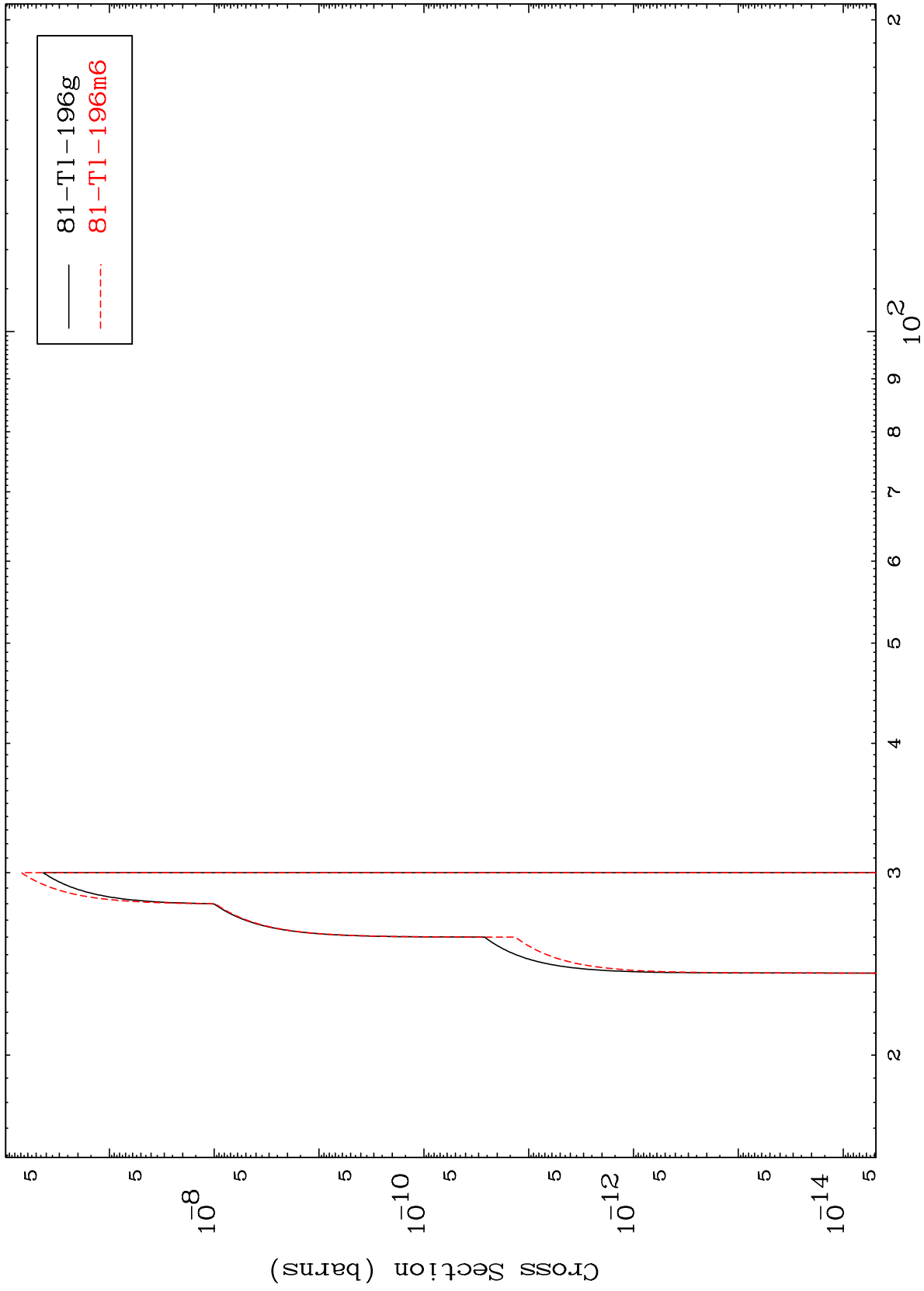


MAT 8110

( $\alpha, 2n$ )  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



16

Incident Energy (MeV)

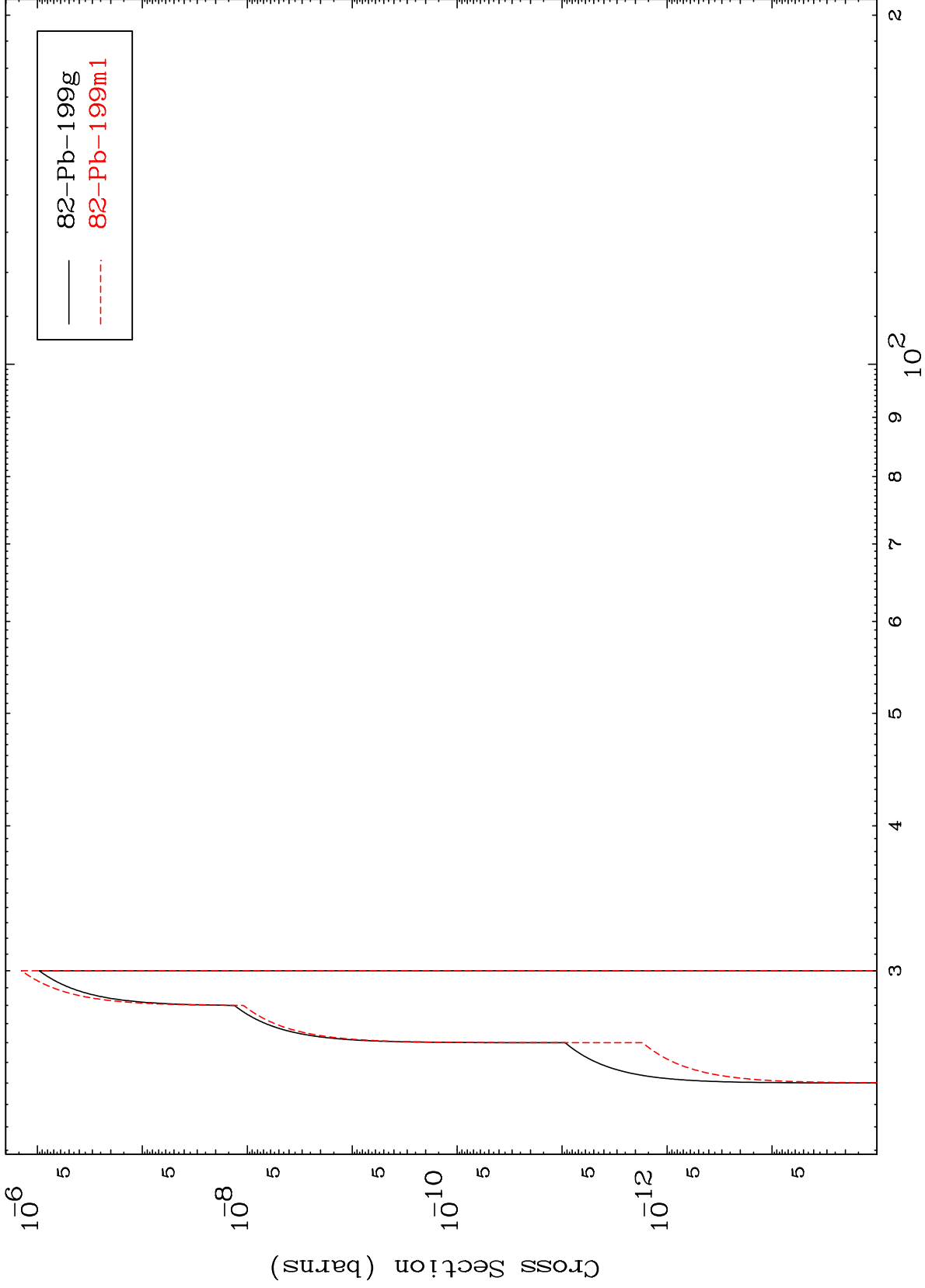
81-Tl-198

MAT 8110

( $\alpha, n'$ ) d

81-Tl-198

Radionuclide Production Cross Section



17

Incident Energy (MeV)

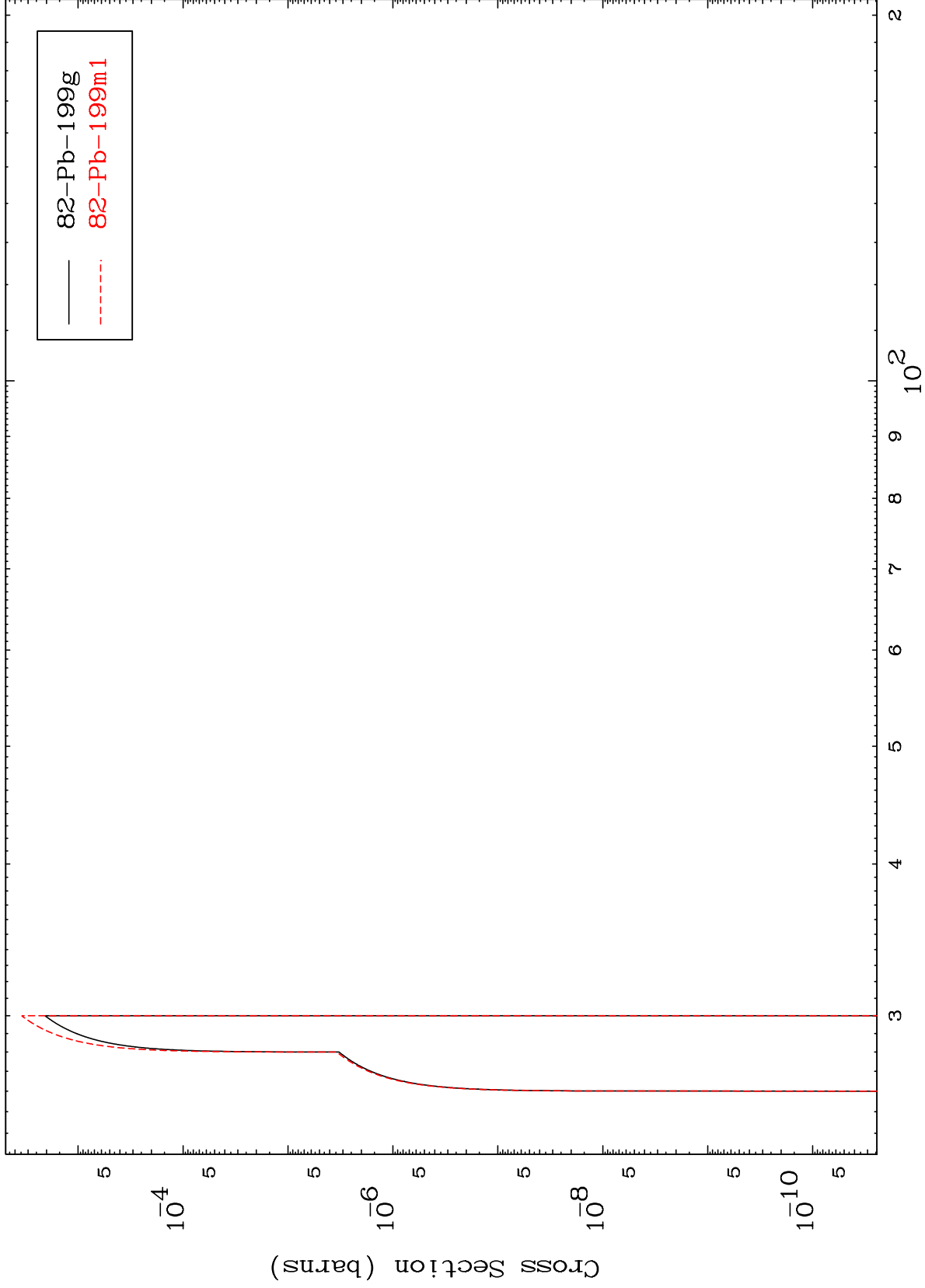
81-Tl-198

MAT 8110

( $\alpha, 2n$ ) p

81-Tl-198

Radionuclide Production Cross Section



18

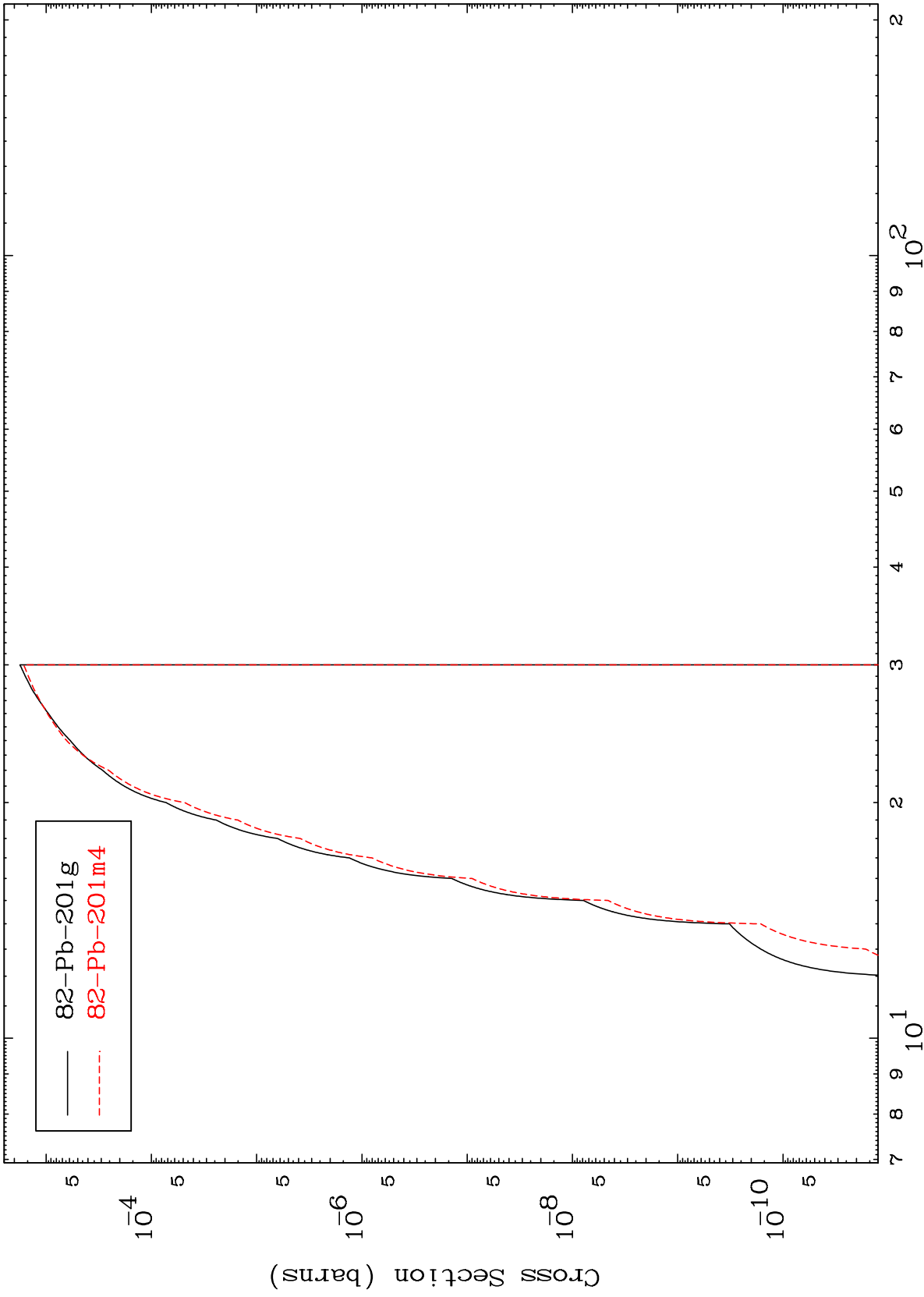
Incident Energy (MeV)

81-Tl-198

MAT 8110

81-T1-198

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



19

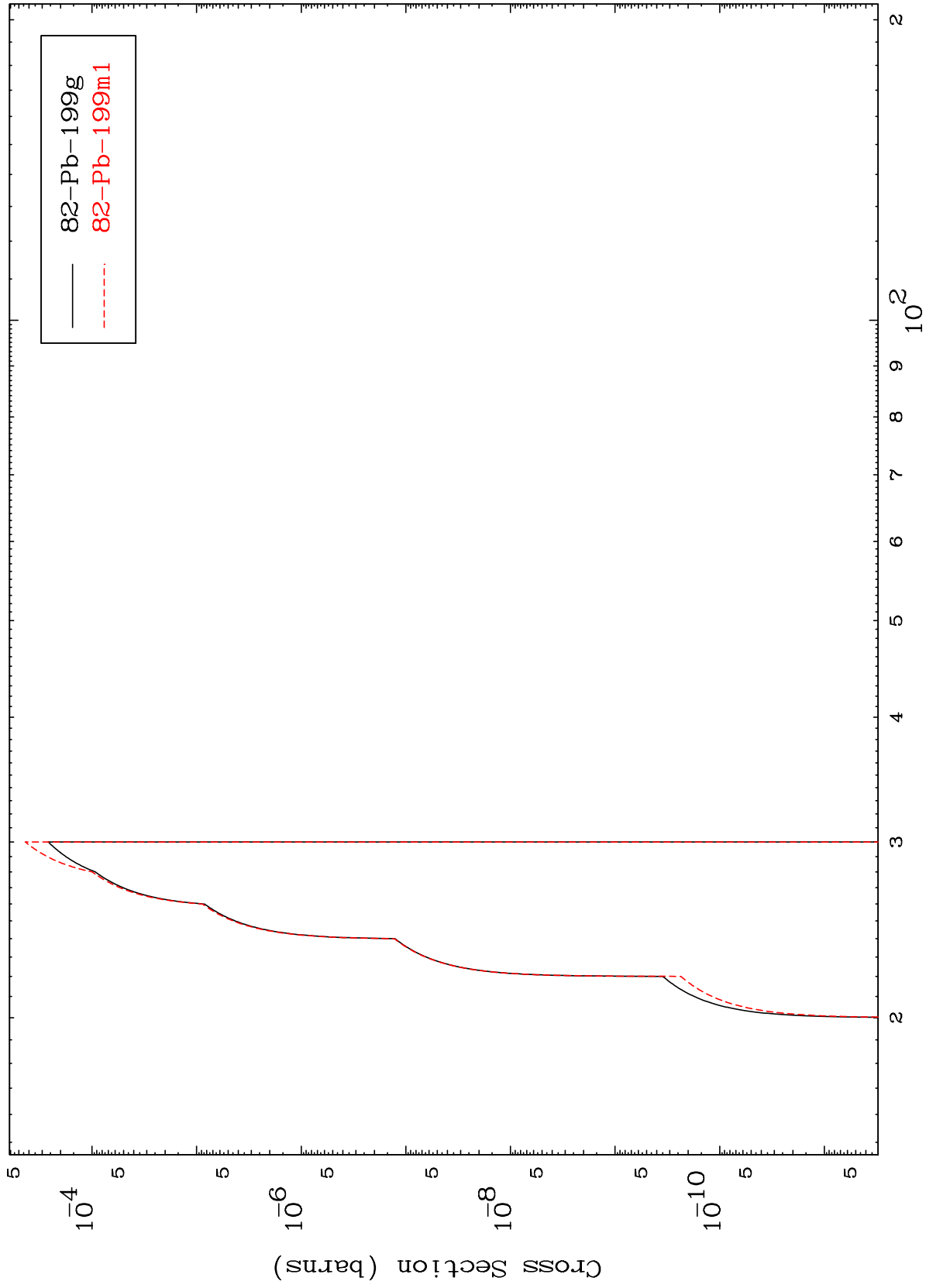
Incident Energy (MeV)

81-T1-198

MAT 8110

81-Tl-198

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



20

Incident Energy (MeV)

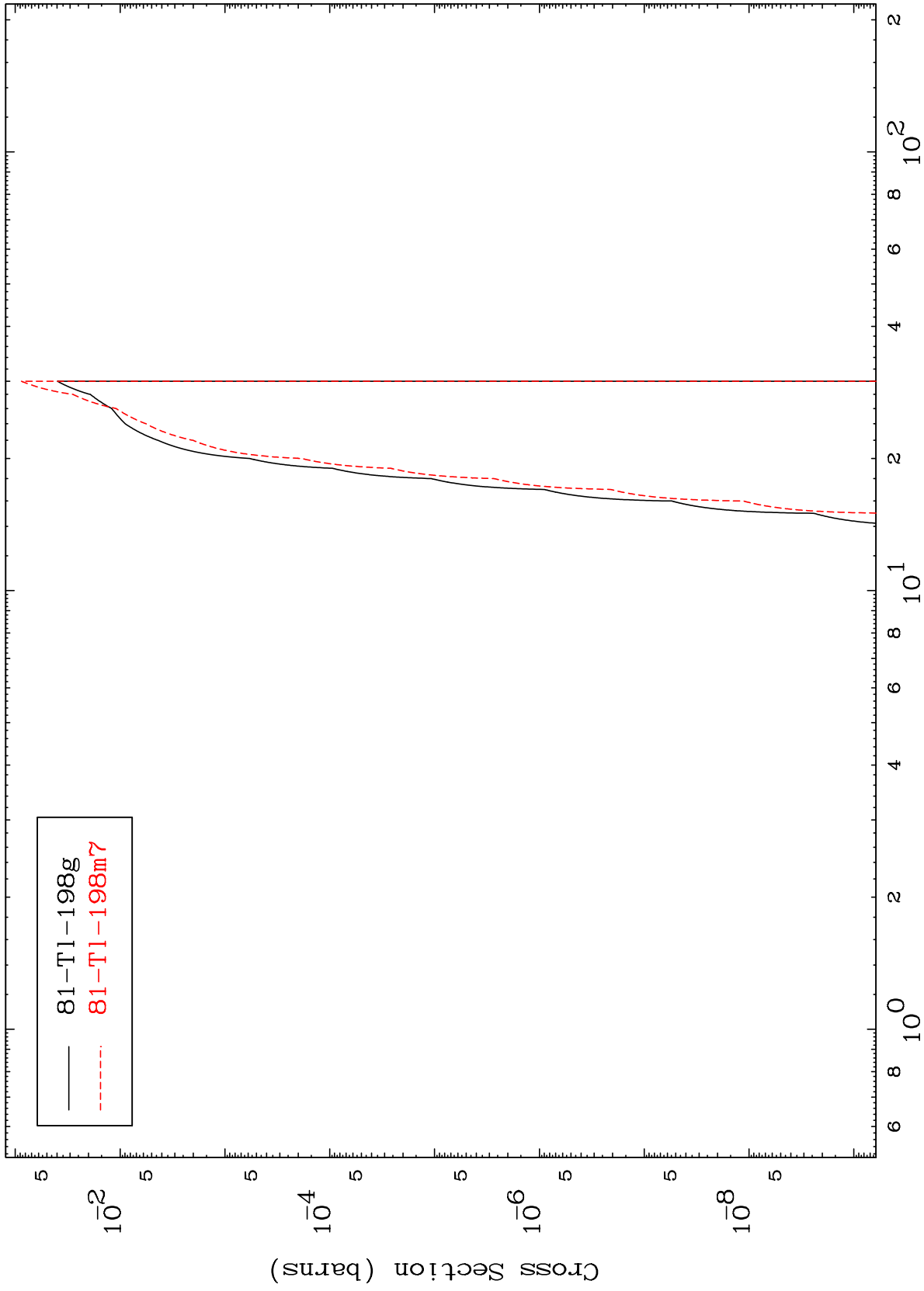
81-Tl-198

MAT 8110

( $\alpha, \alpha$ )

81-Tl-198

Radionuclide Production Cross Section



21

Incident Energy (MeV)

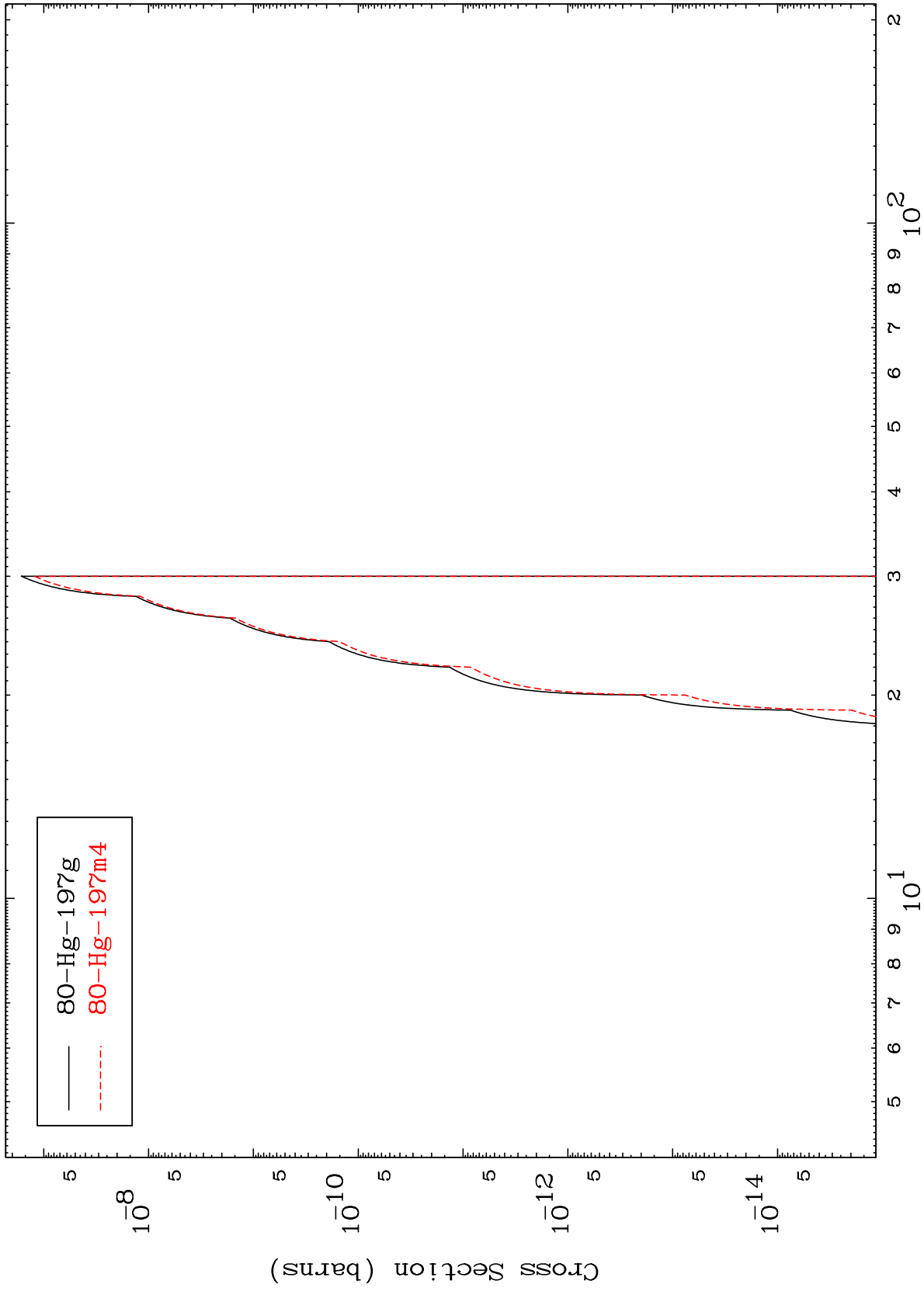
81-Tl-198

MAT 8110

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

81-Tl-198

Radionuclide Production Cross Section



22

Incident Energy (MeV)

81-Tl-198