

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)

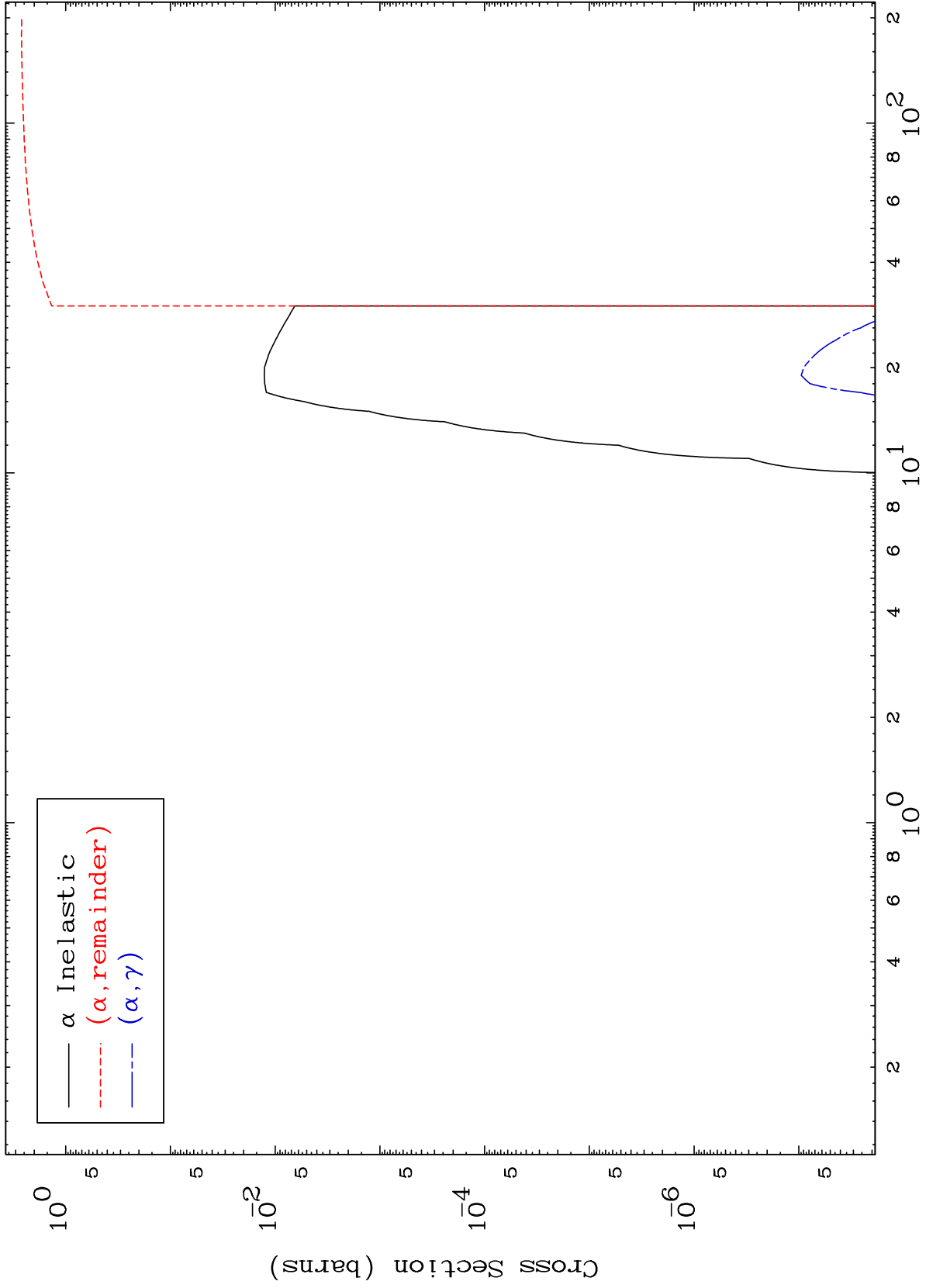
Press Mouse Button to Start

MAT 6952

$\alpha$  Major

69-Tm-178

0 Kelvin Cross Sections

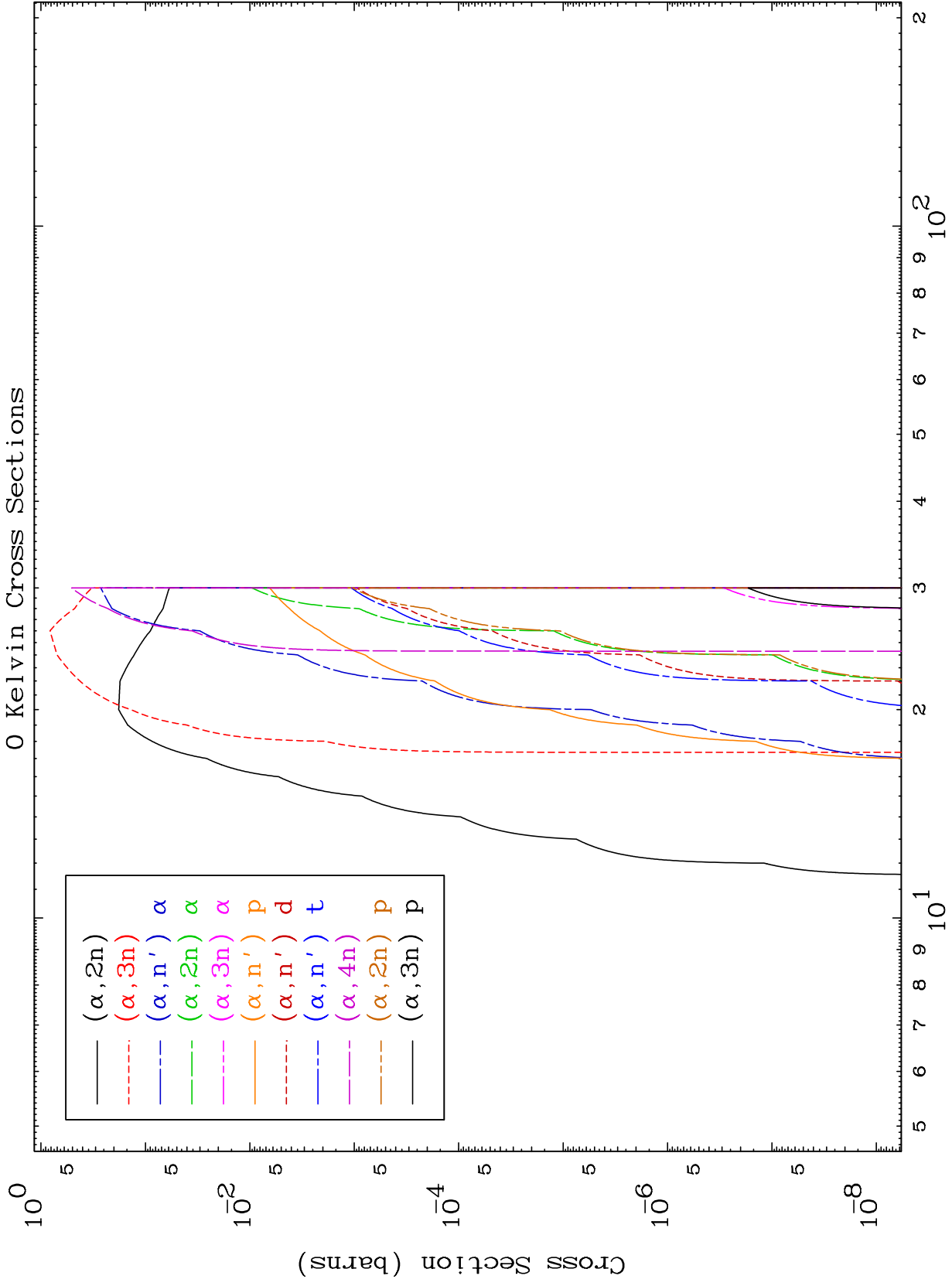


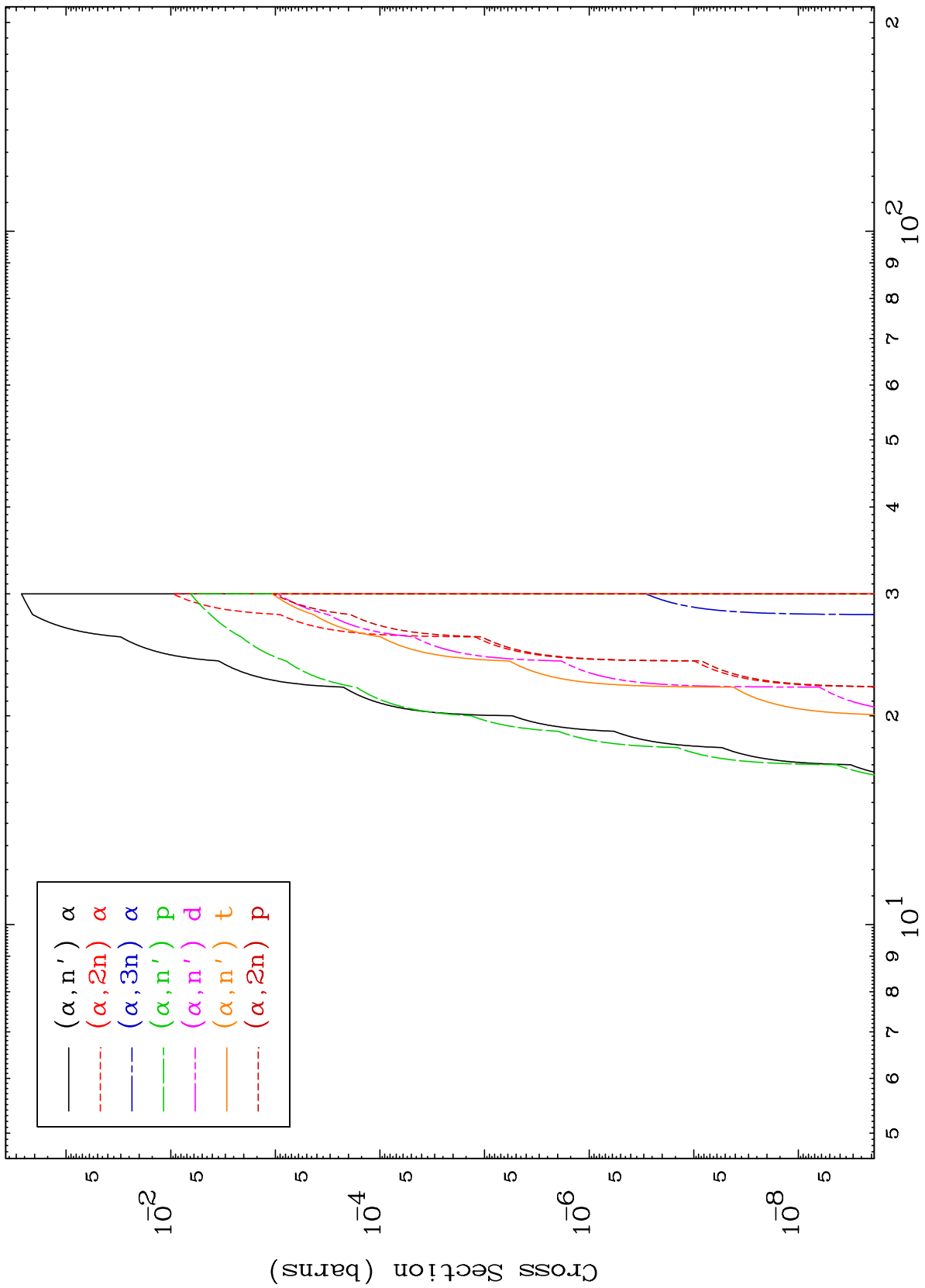
—  $\alpha$  Inelastic  
- - - ( $\alpha$ , remainder)  
- · - ( $\alpha$ ,  $\gamma$ )

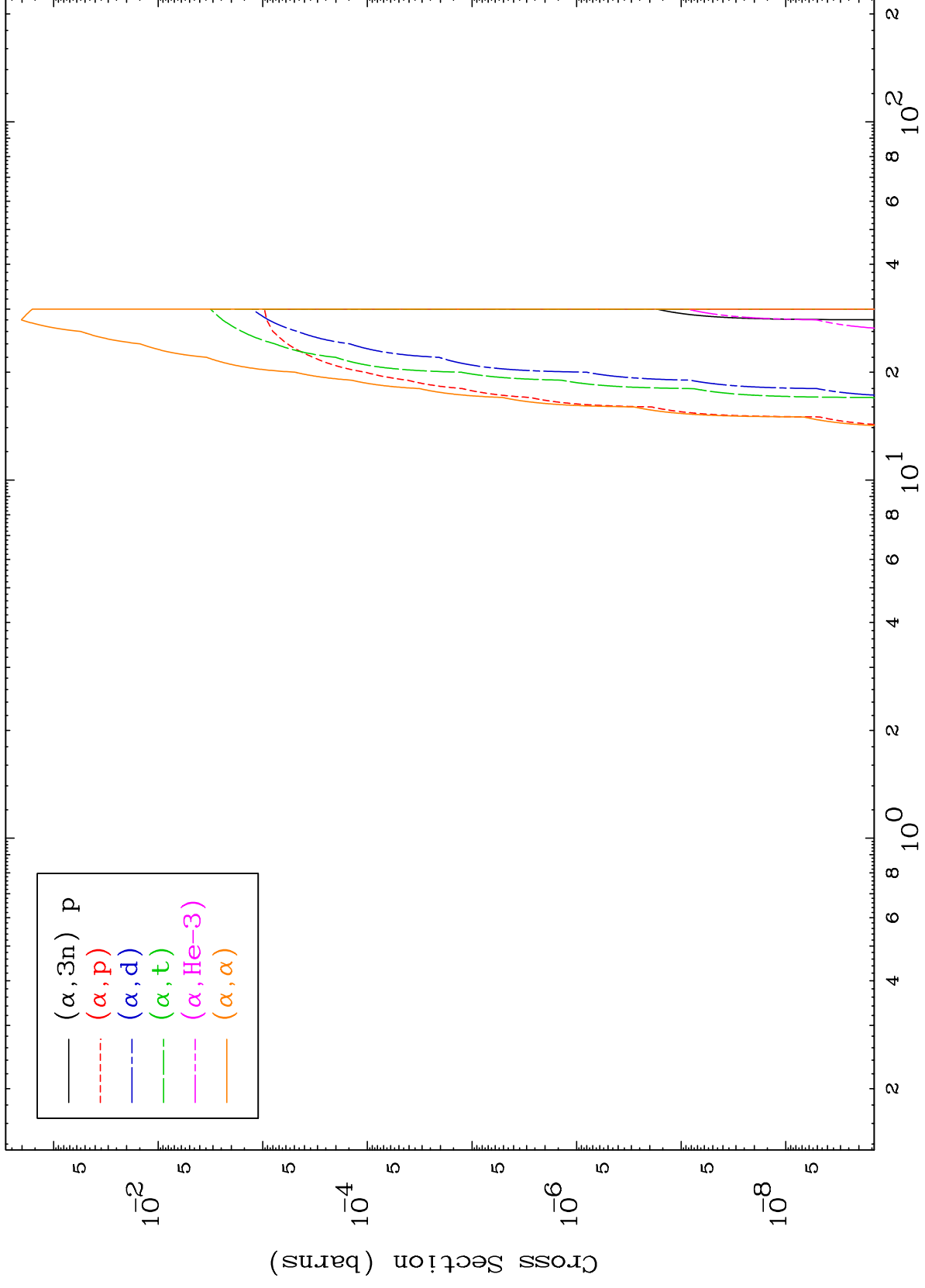
MAT 6952

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

69-Tm-178





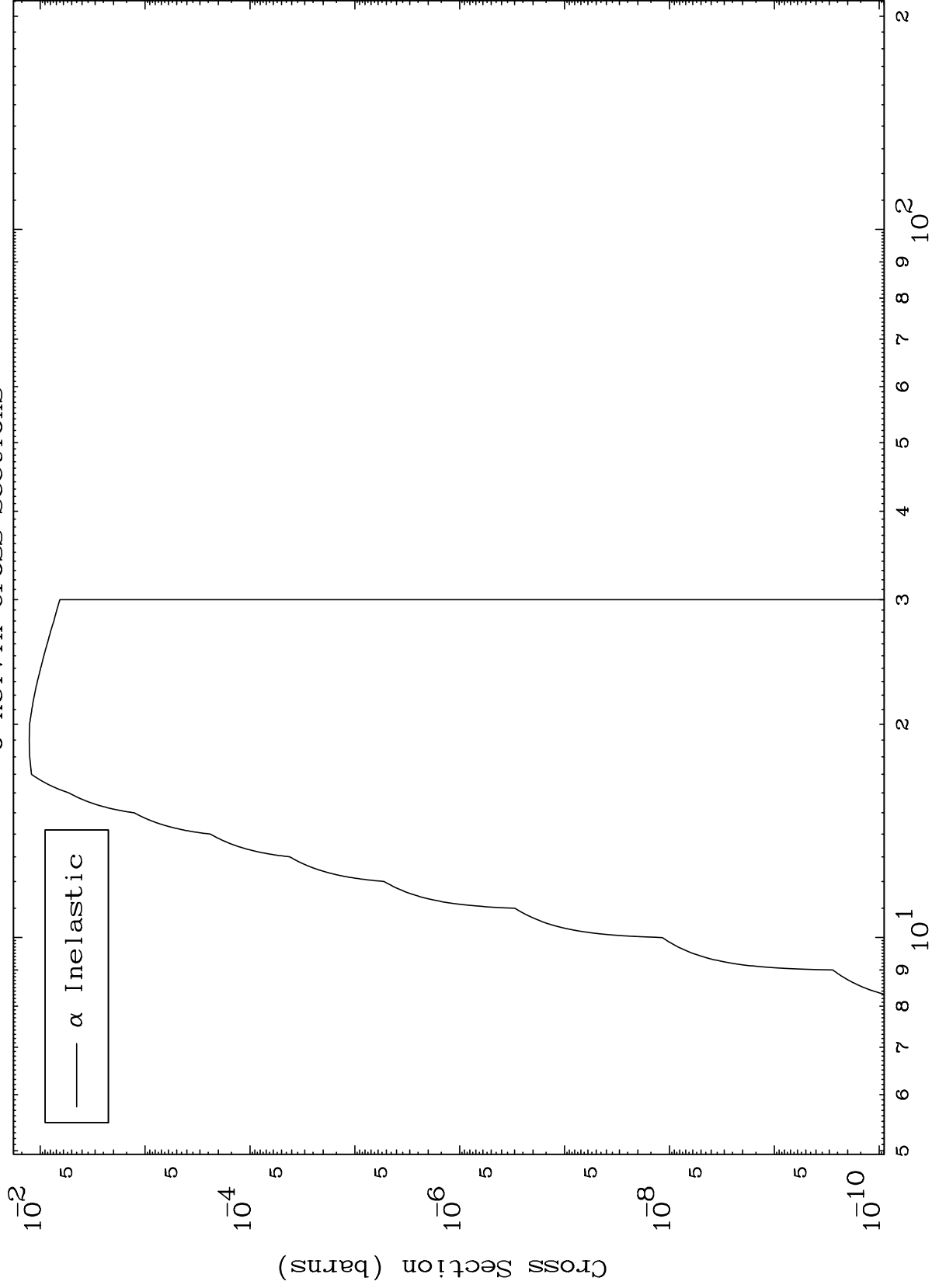


MAT 6952

( $\alpha, n'$ ) Level

69-Tm-178

0 Kelvin Cross Sections



5

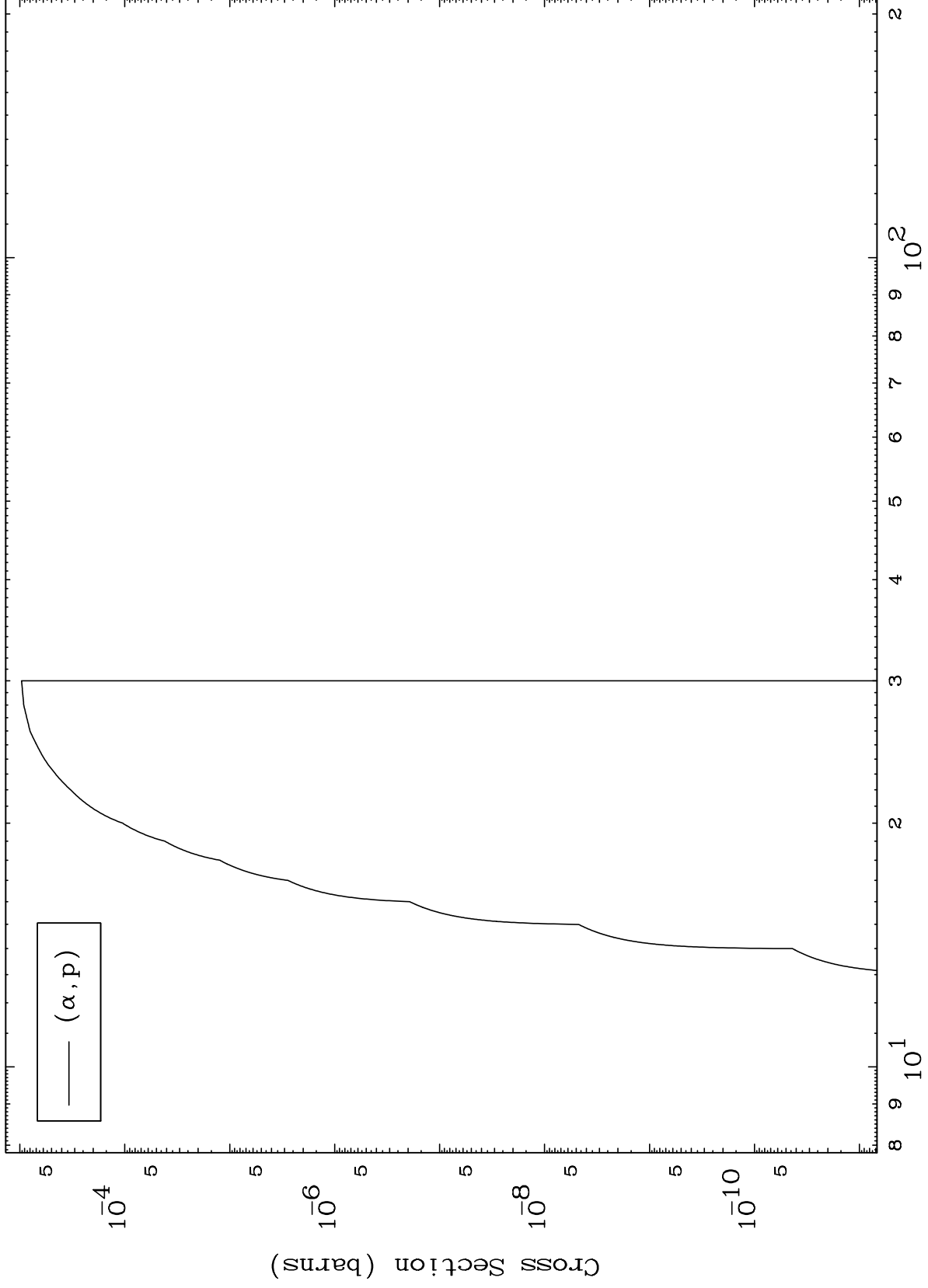
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178



6

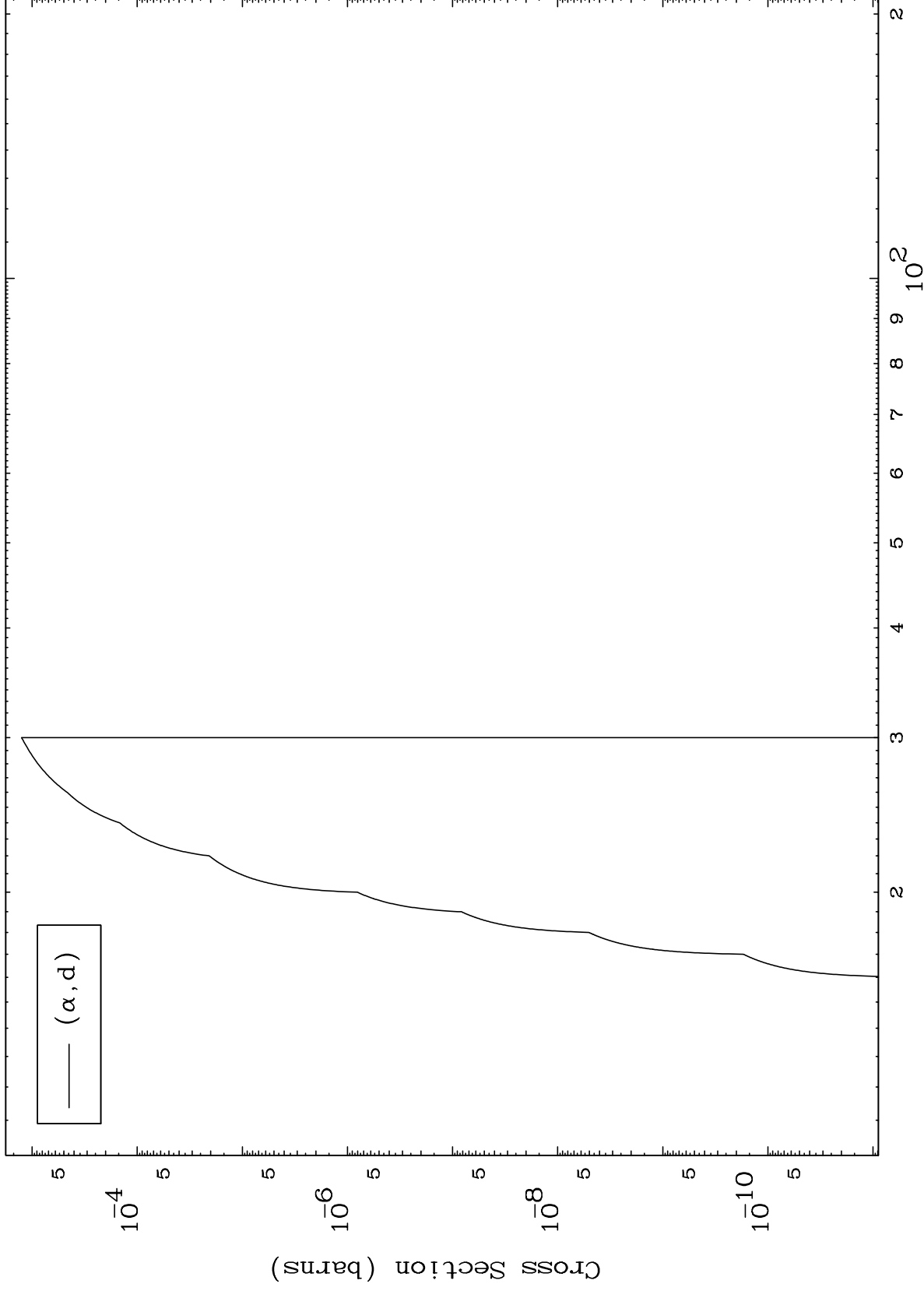
Incident Energy (MeV)

69-Tm-178

MAT 6952

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

69-Tm-178

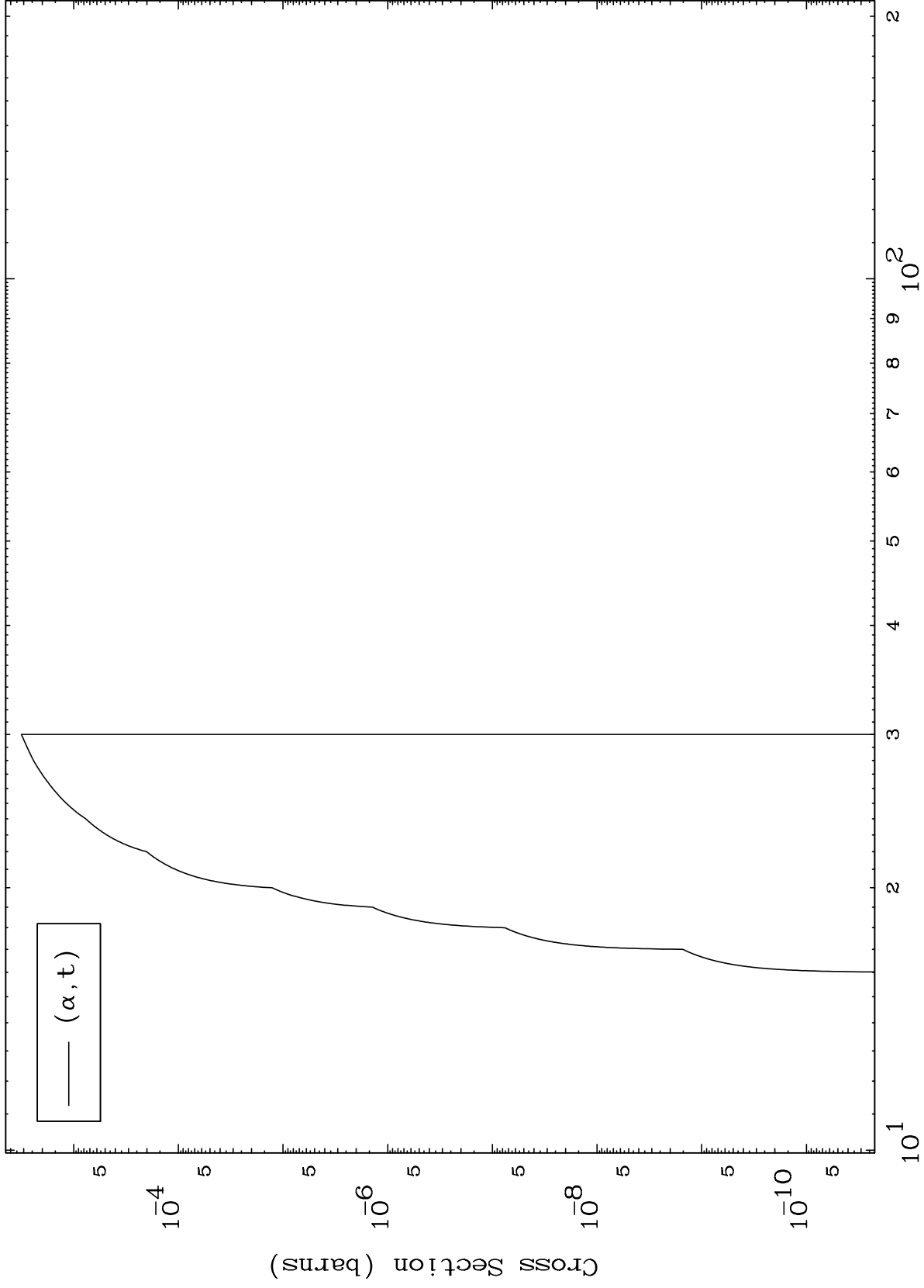




MAT 6952

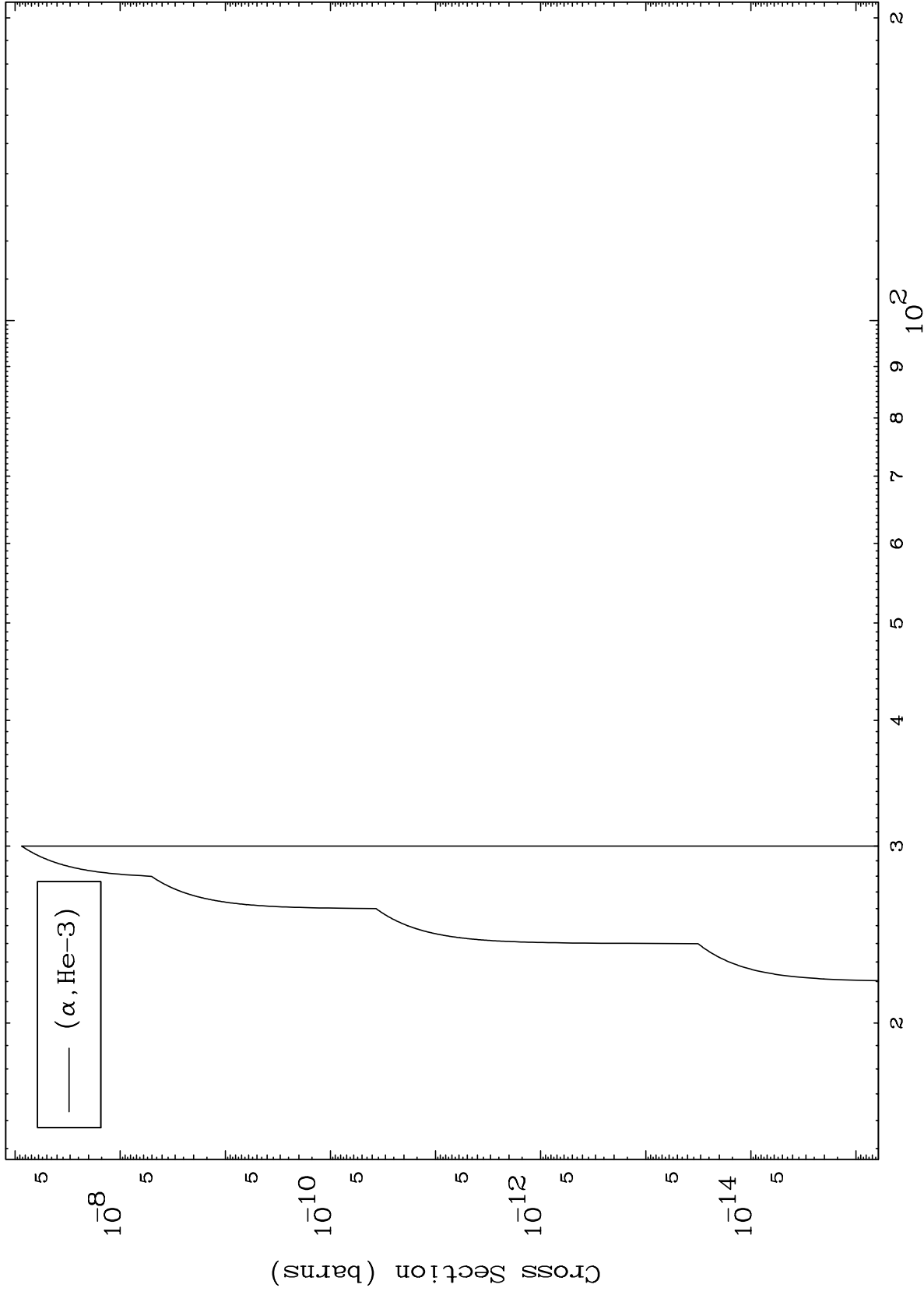
( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

69-Tm-178



Incident Energy (MeV)

69-Tm-178

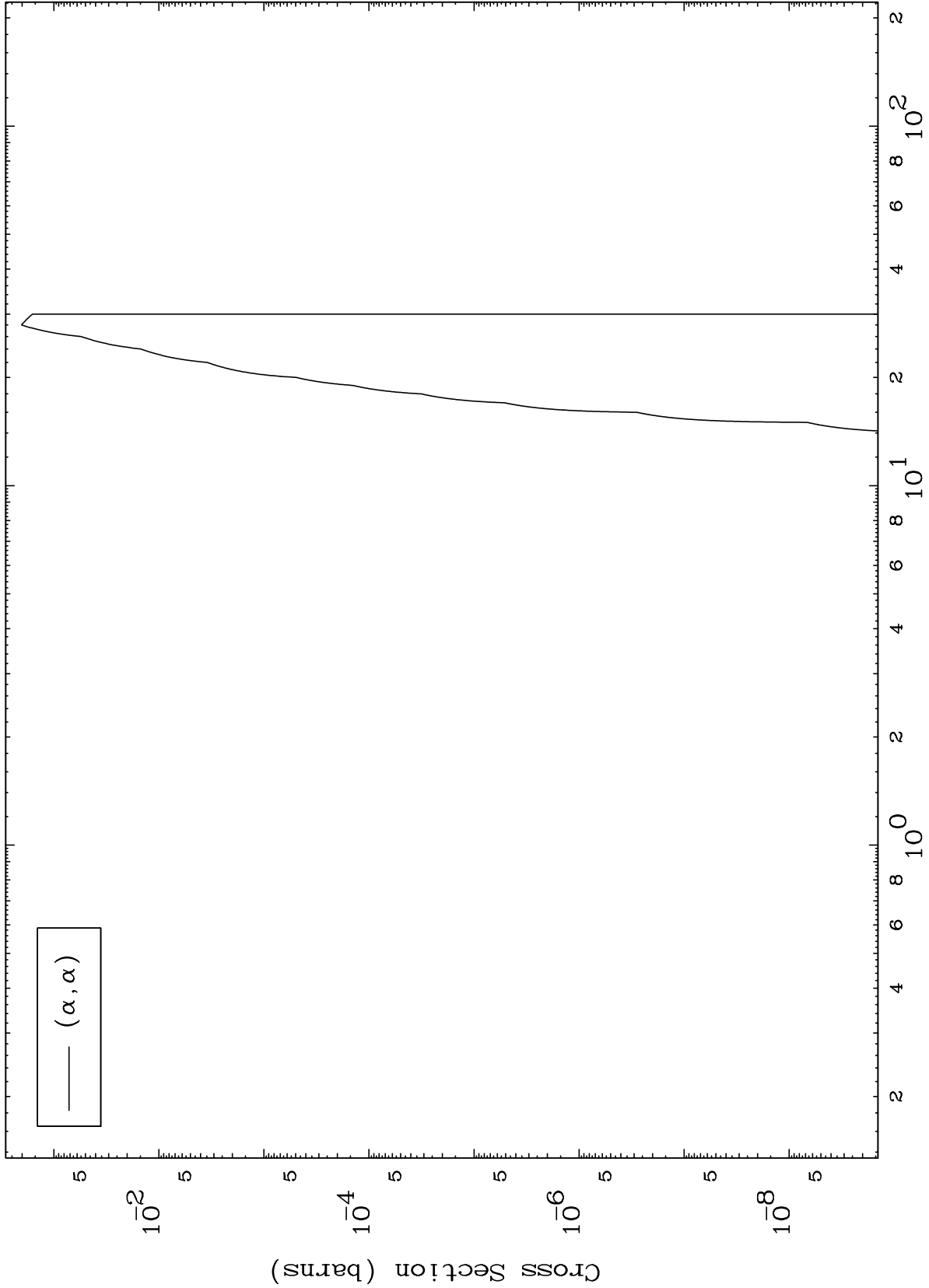


MAT 6952

( $\alpha, \alpha$ ) Levels

69-Tm-178

0 Kelvin Cross Sections



( $\alpha, \alpha$ )

10

Incident Energy (MeV)

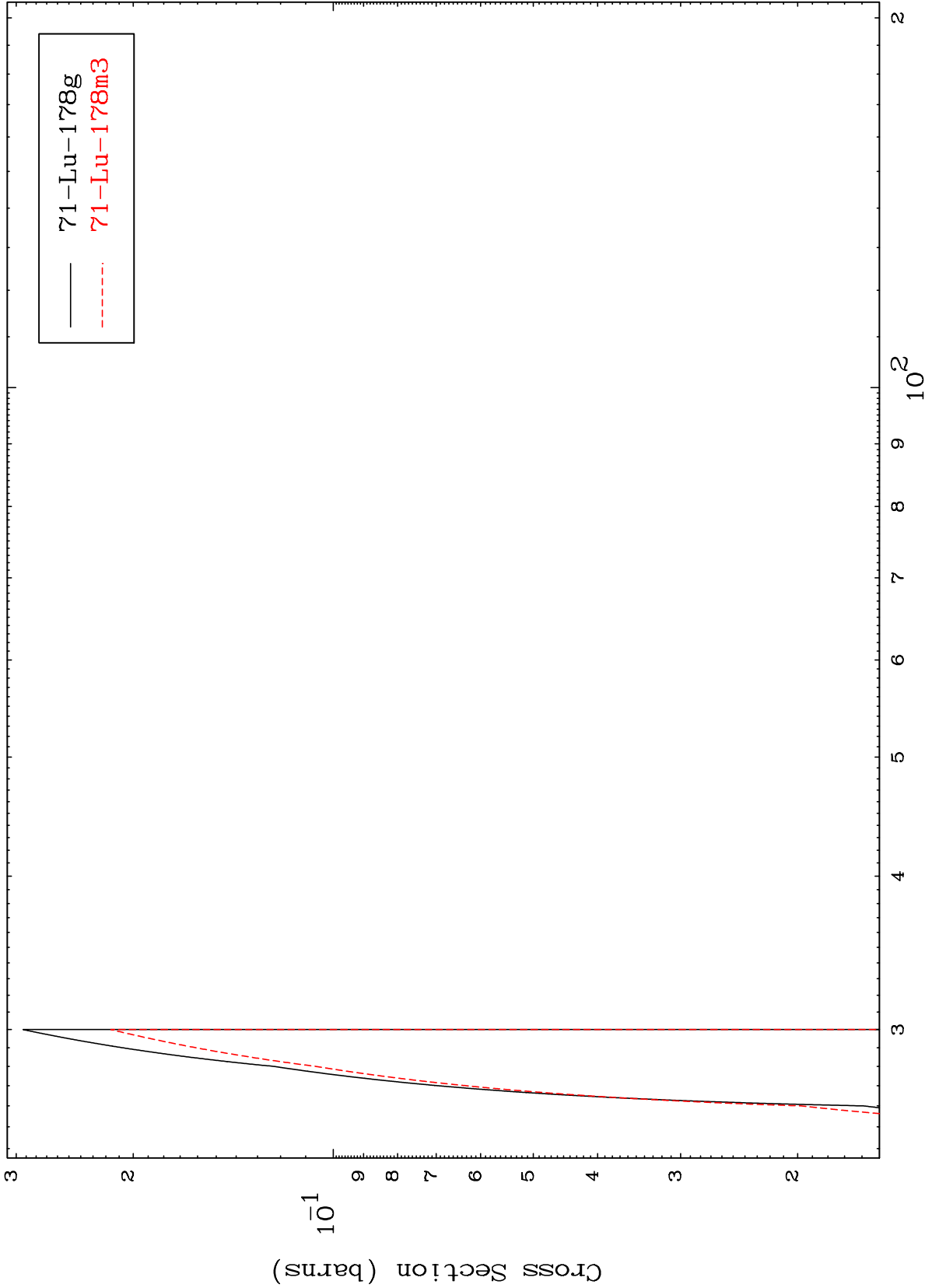
69-Tm-178

MAT 6952

( $\alpha, 4n$ )

69-Tm-178

Radionuclide Production Cross Section



71-Lu-178g  
71-Lu-178m3

11

Incident Energy (MeV)

69-Tm-178