

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

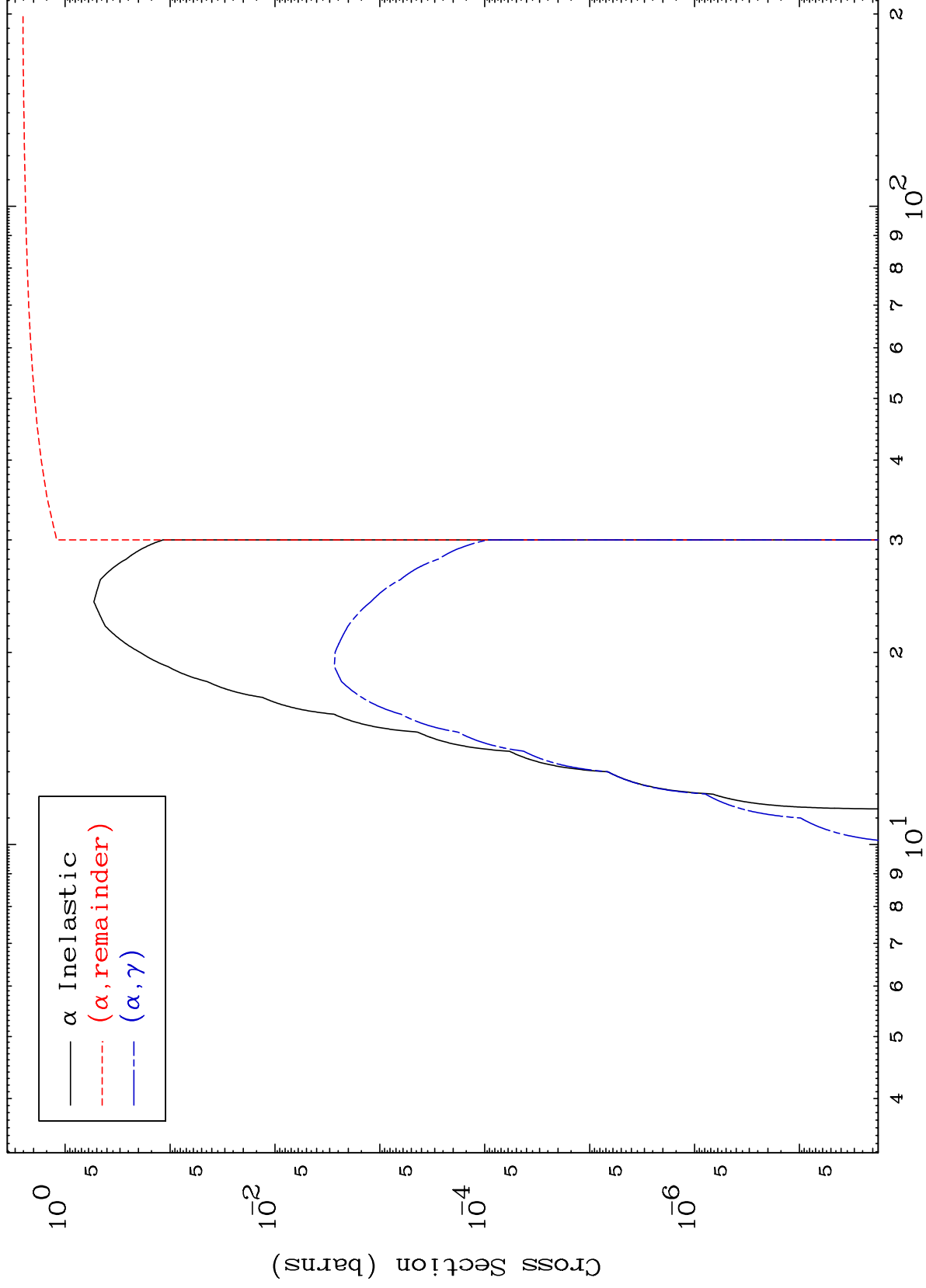
Press Mouse Button to Start

MAT 7010

$\alpha$  Major

70-Yb-163

0 Kelvin Cross Sections



1

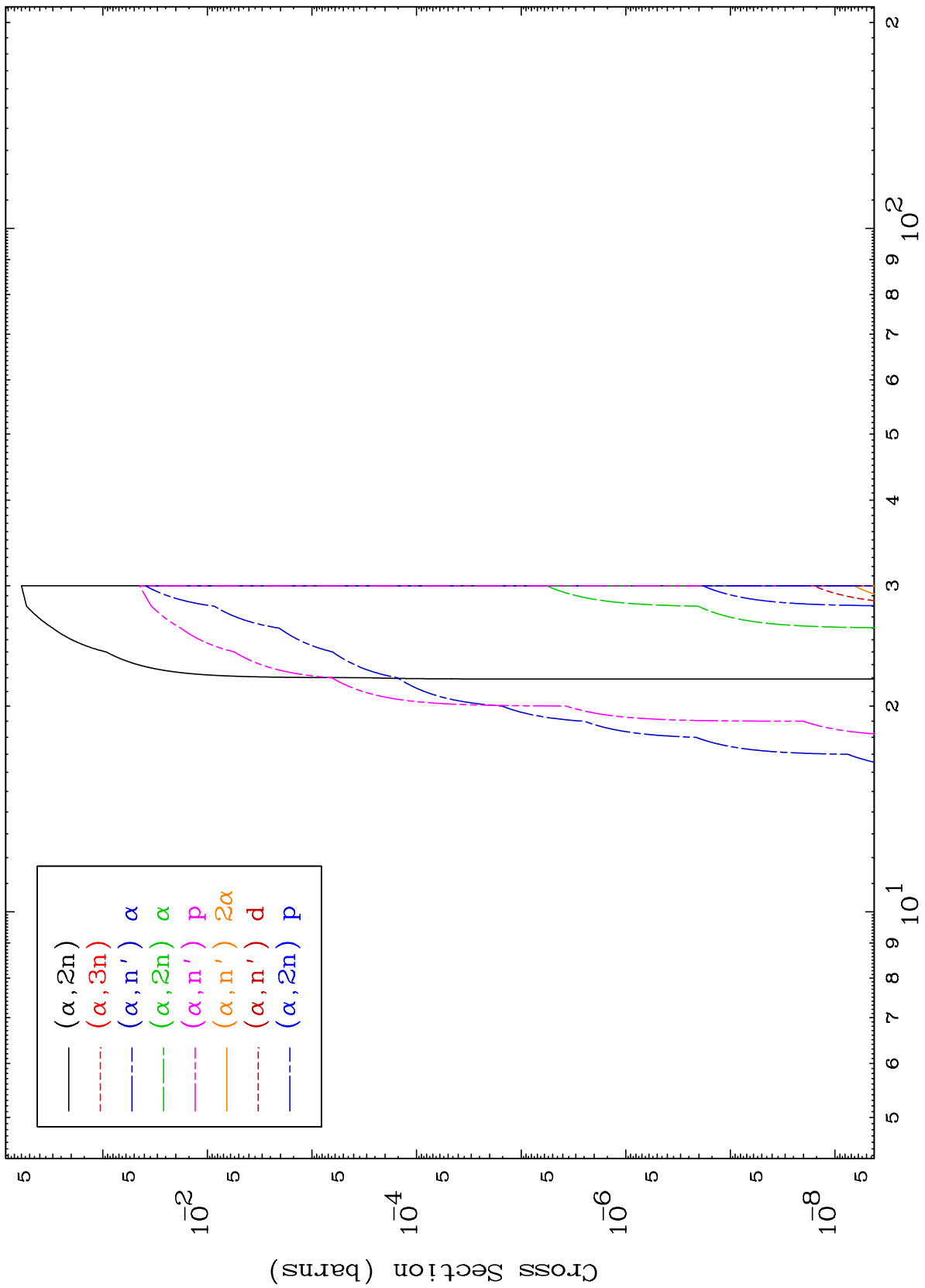
Incident Energy (MeV)

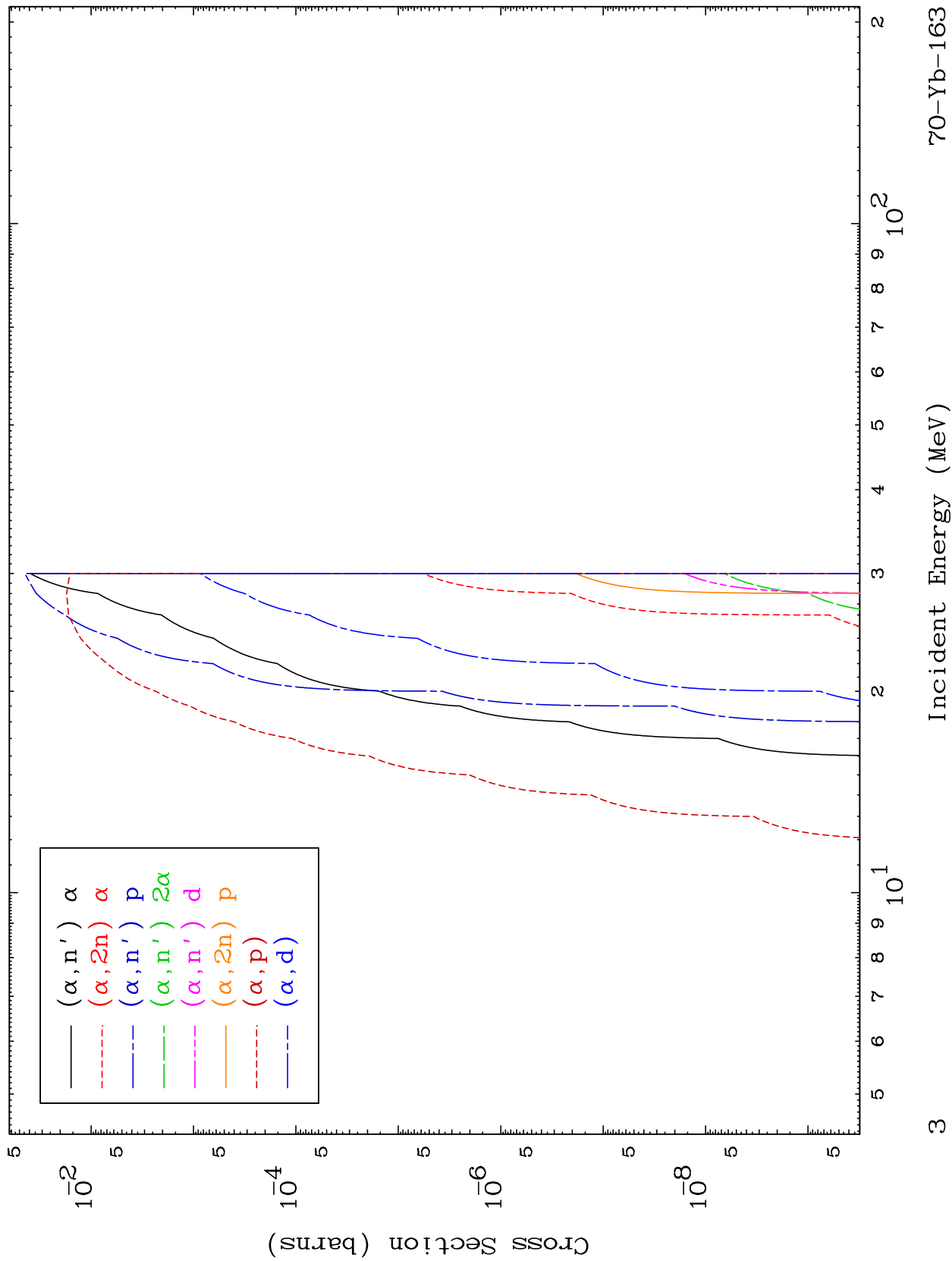
70-Yb-163

MAT 7010

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

70-Yb-163

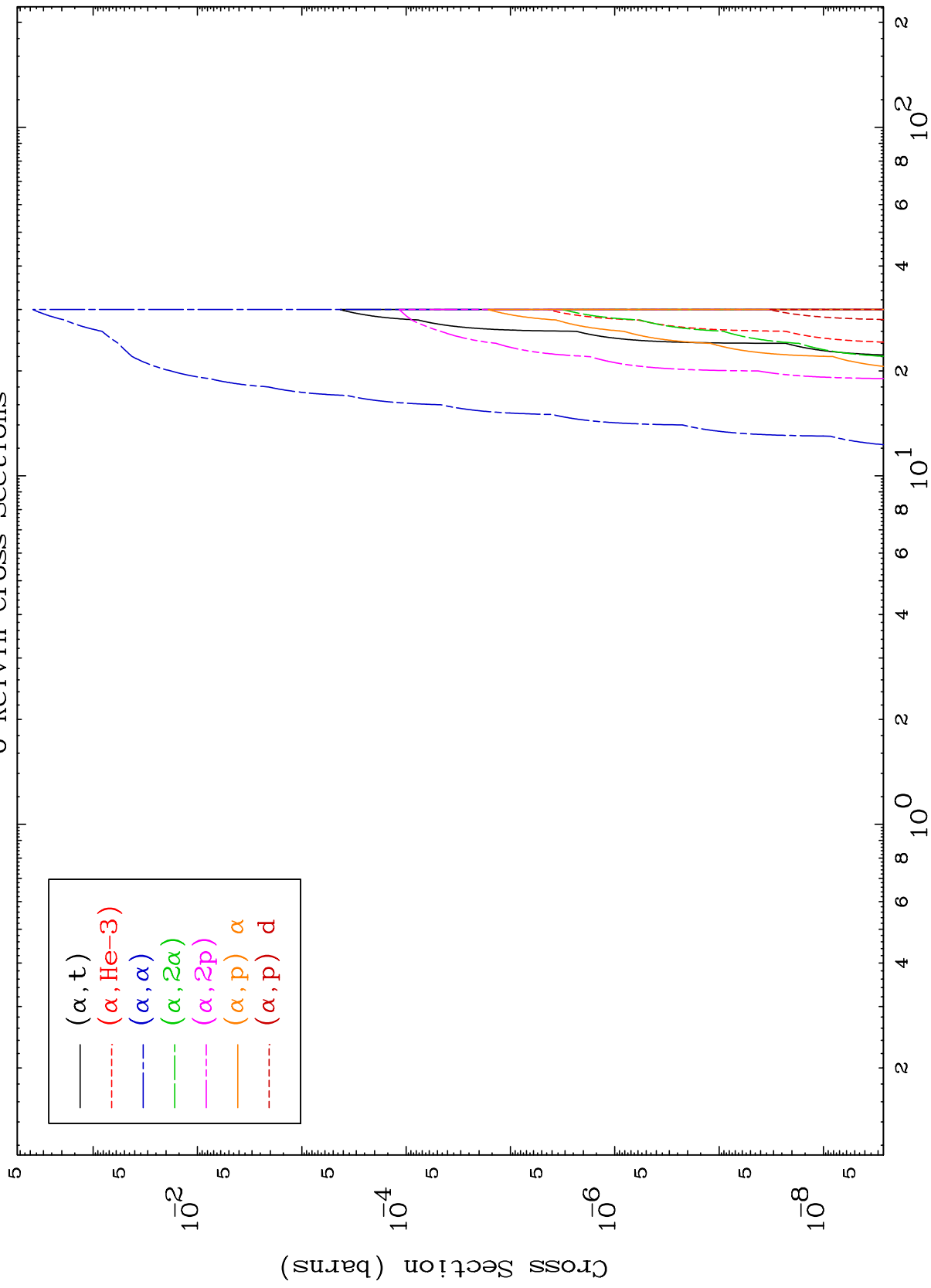




MAT 7010

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

70-Yb-163



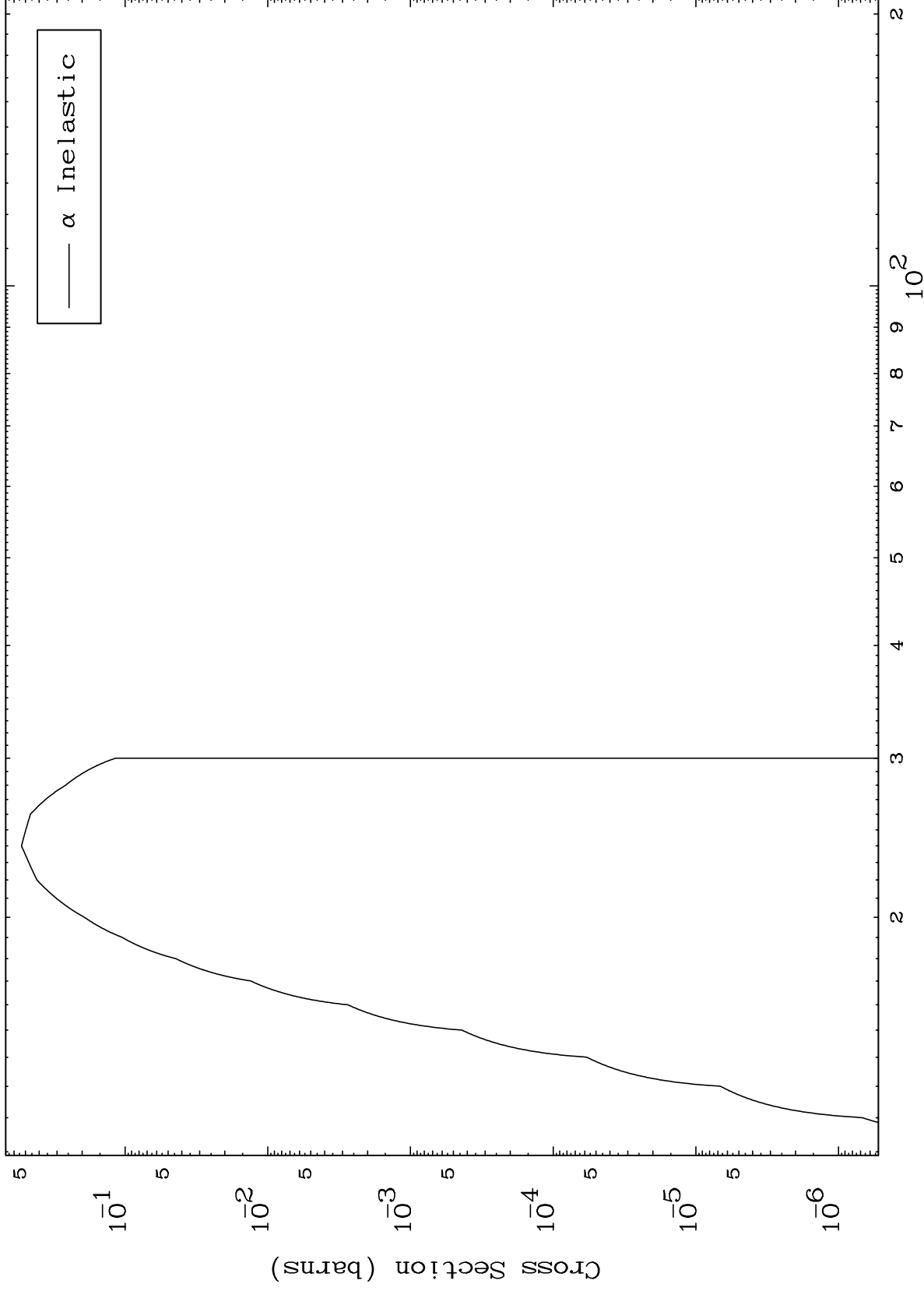
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163



5

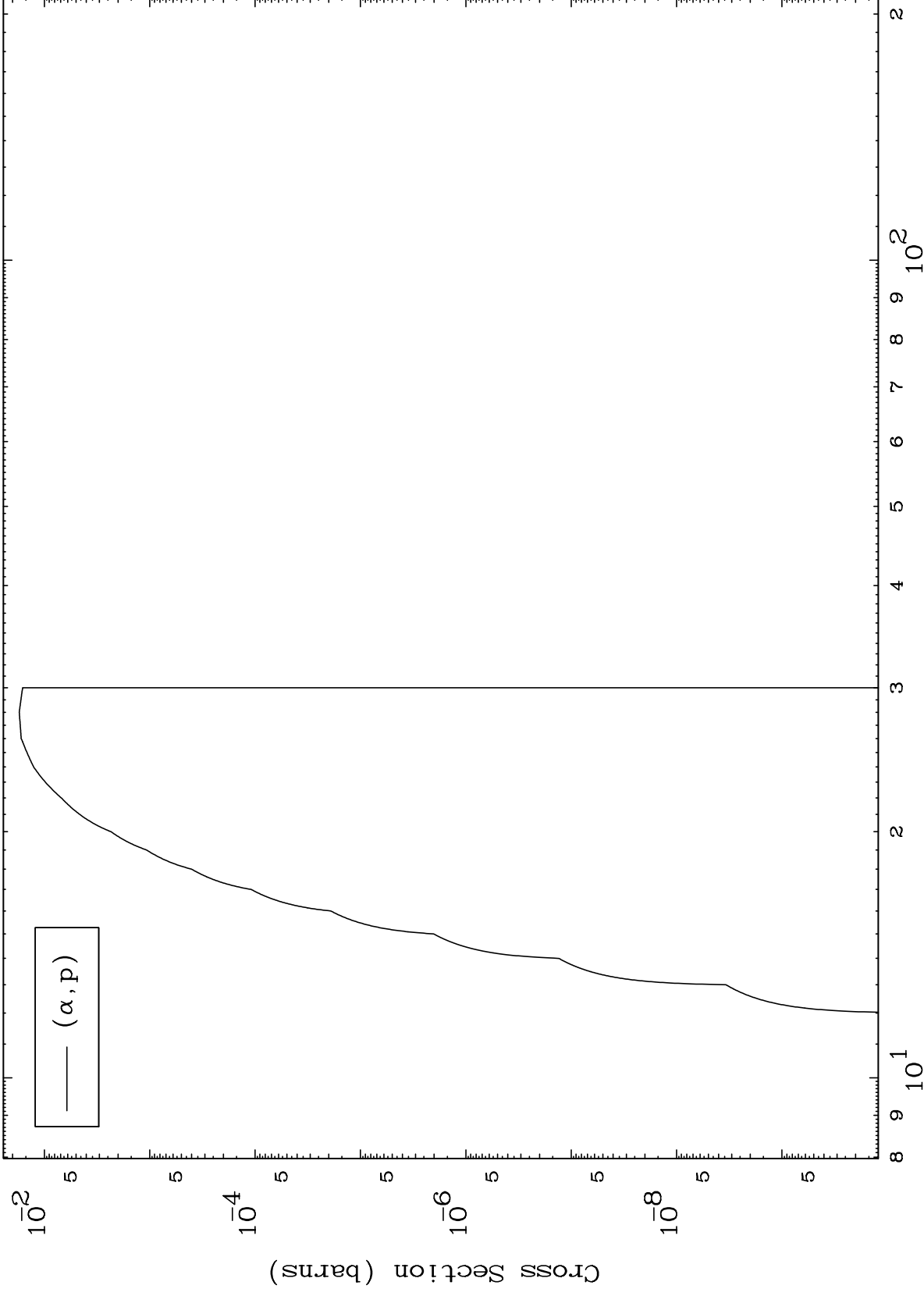
Incident Energy (MeV)

70-Yb-163

MAT 7010

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

70-Yb-163

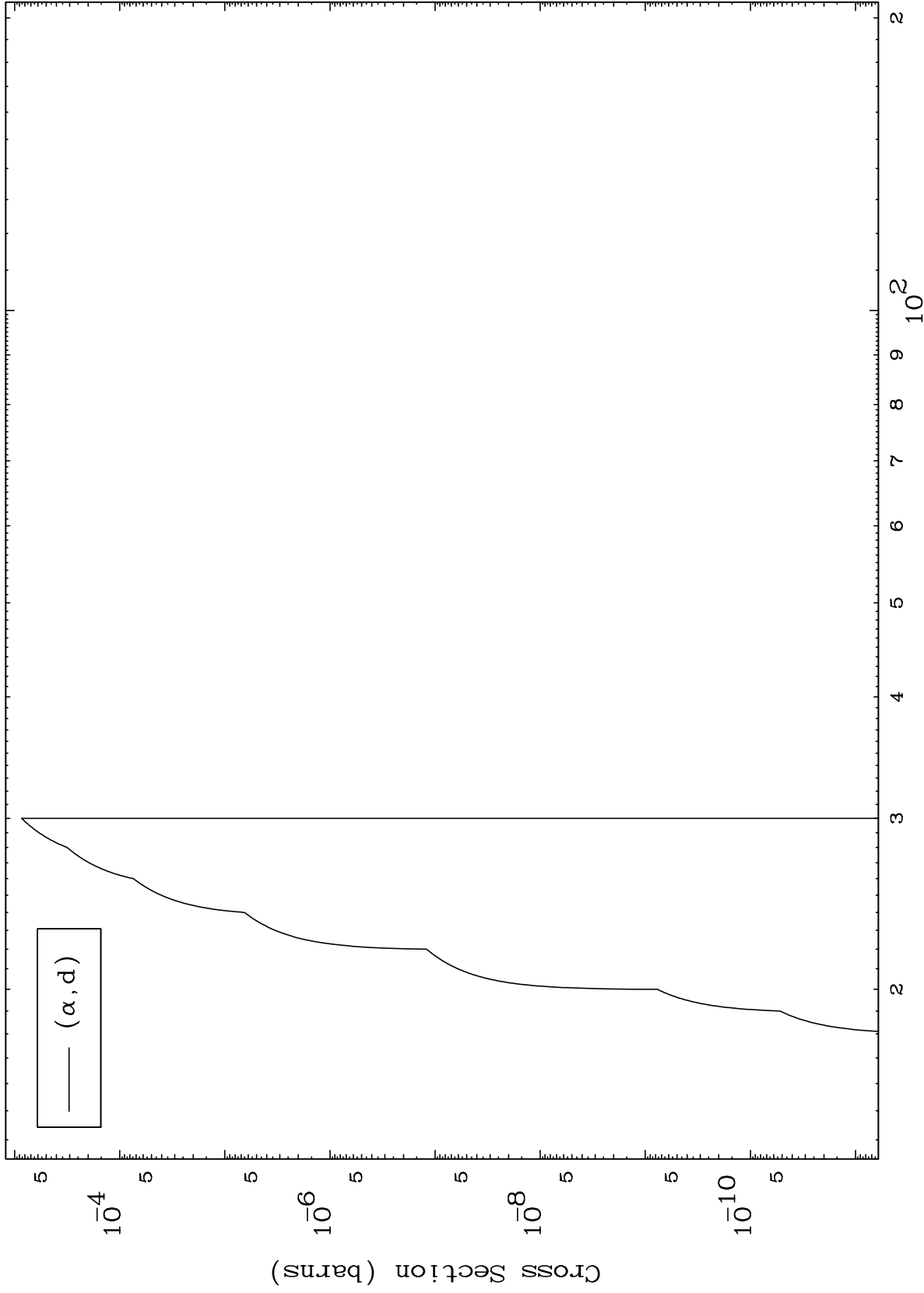


( $\alpha, p$ )

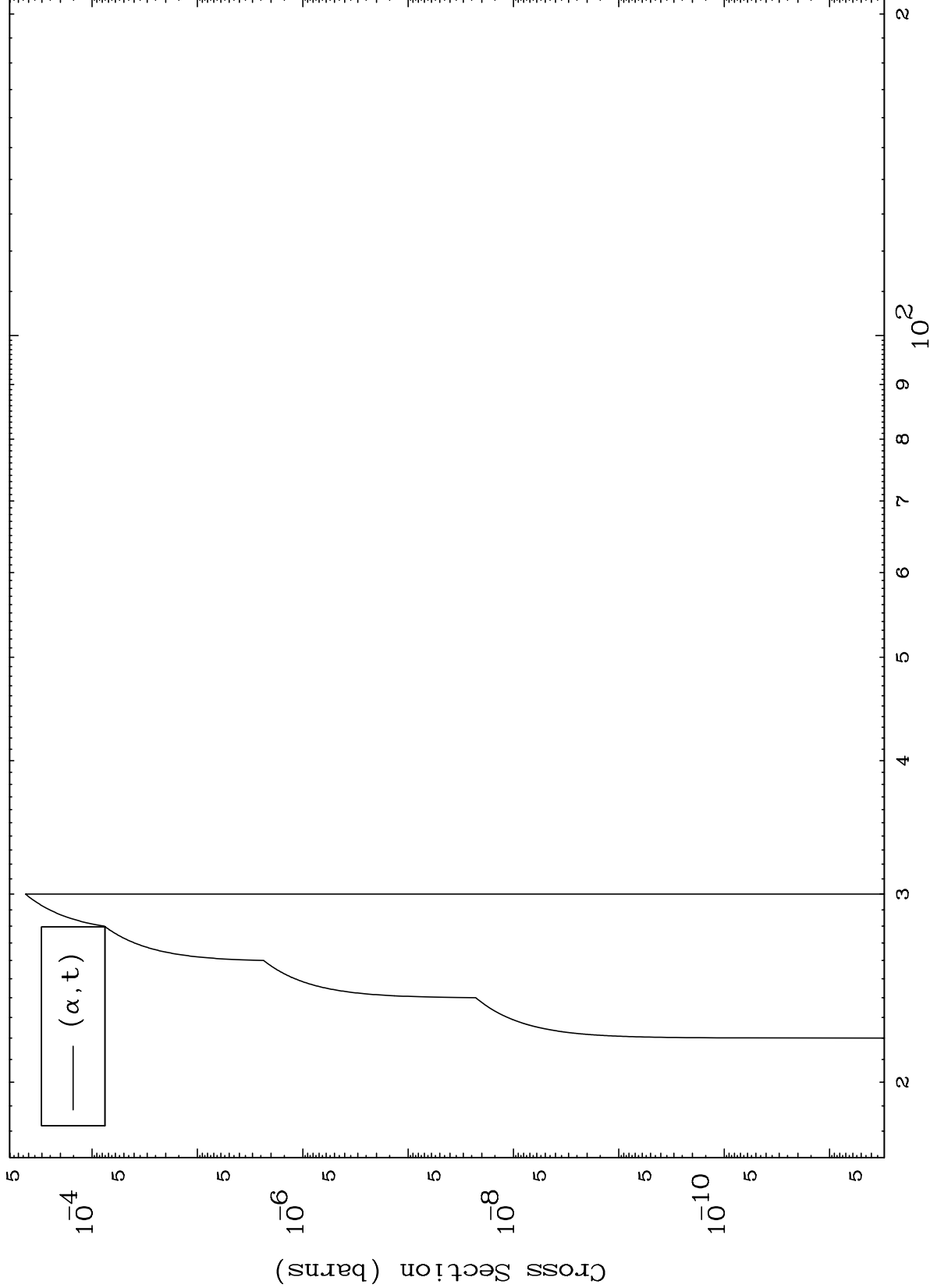
Incident Energy (MeV)

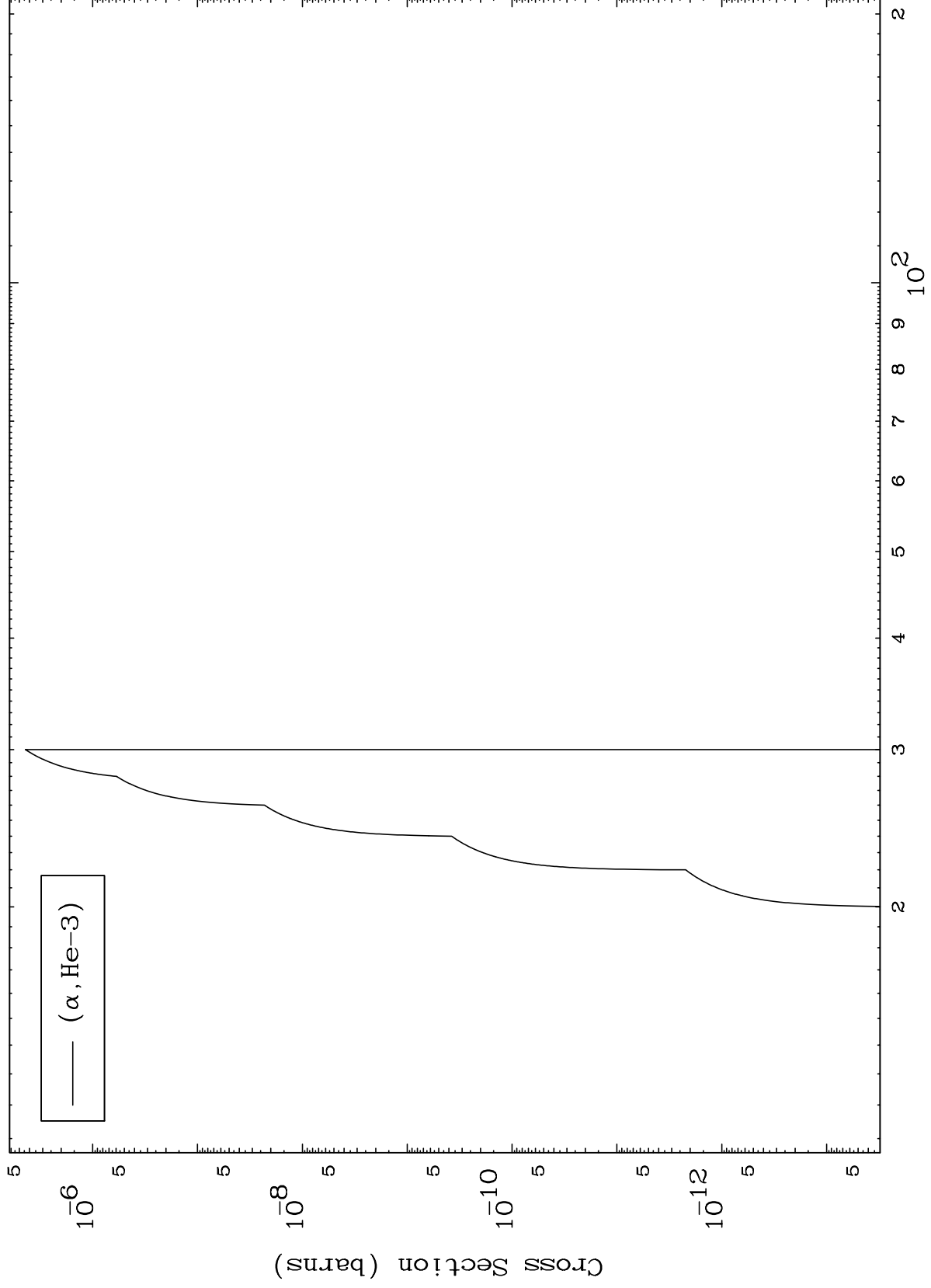
70-Yb-163

6







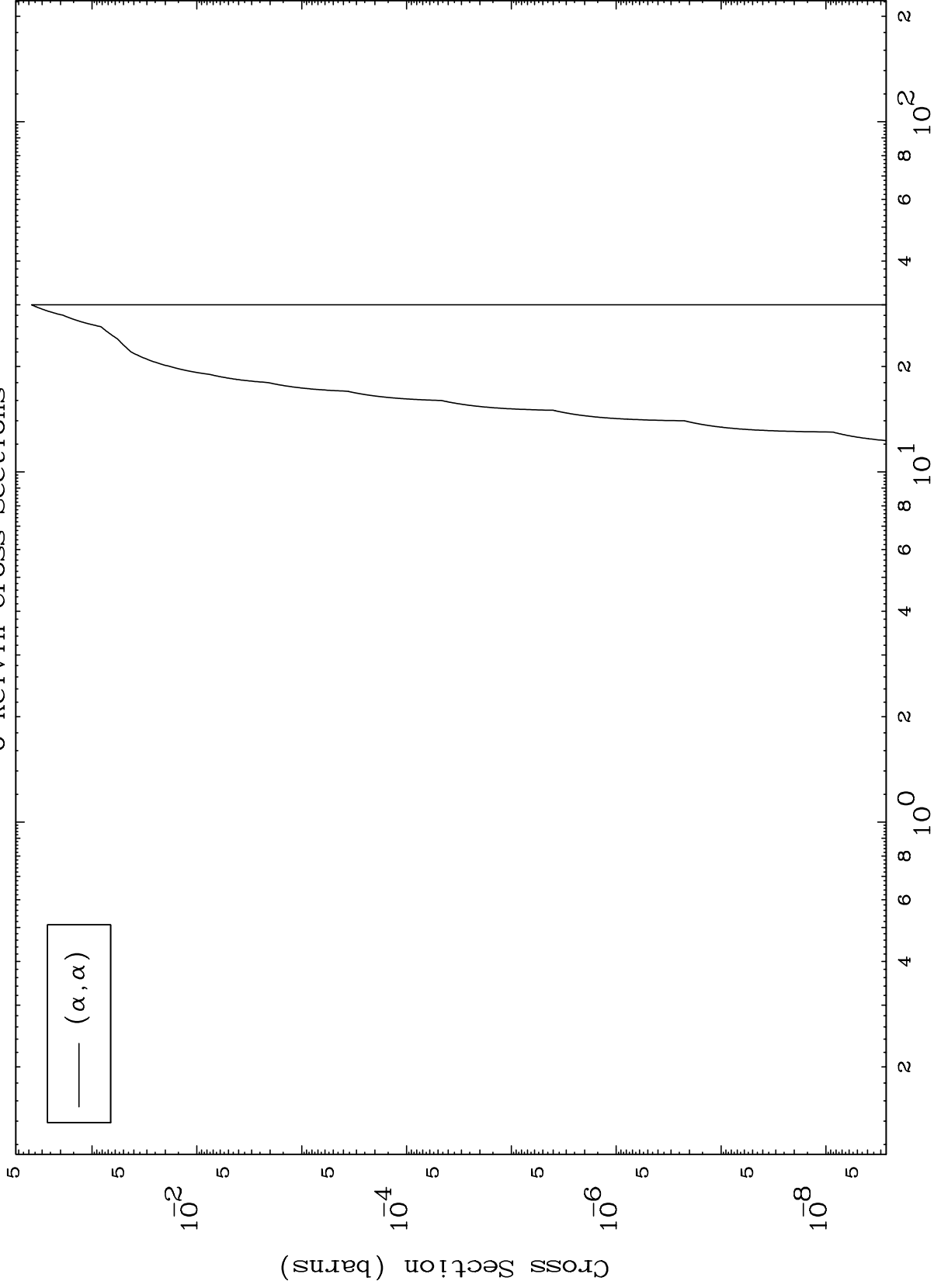


MAT 7010

( $\alpha, \alpha$ ) Levels

70-Yb-163

0 Kelvin Cross Sections



10

Incident Energy (MeV)

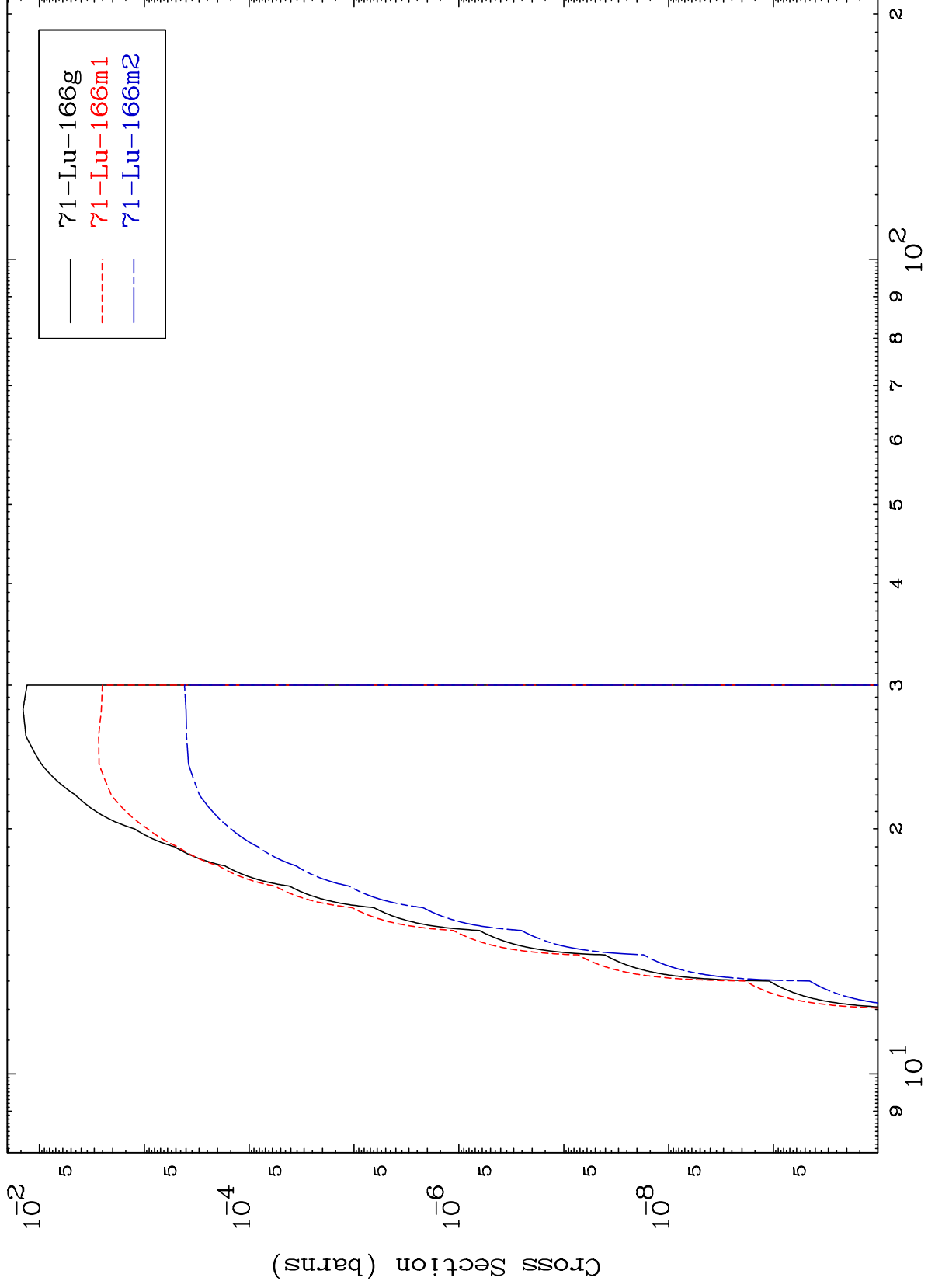
70-Yb-163

MAT 7010

( $\alpha, p$ )

70-Yb-163

Radionuclide Production Cross Section



11

Incident Energy (MeV)

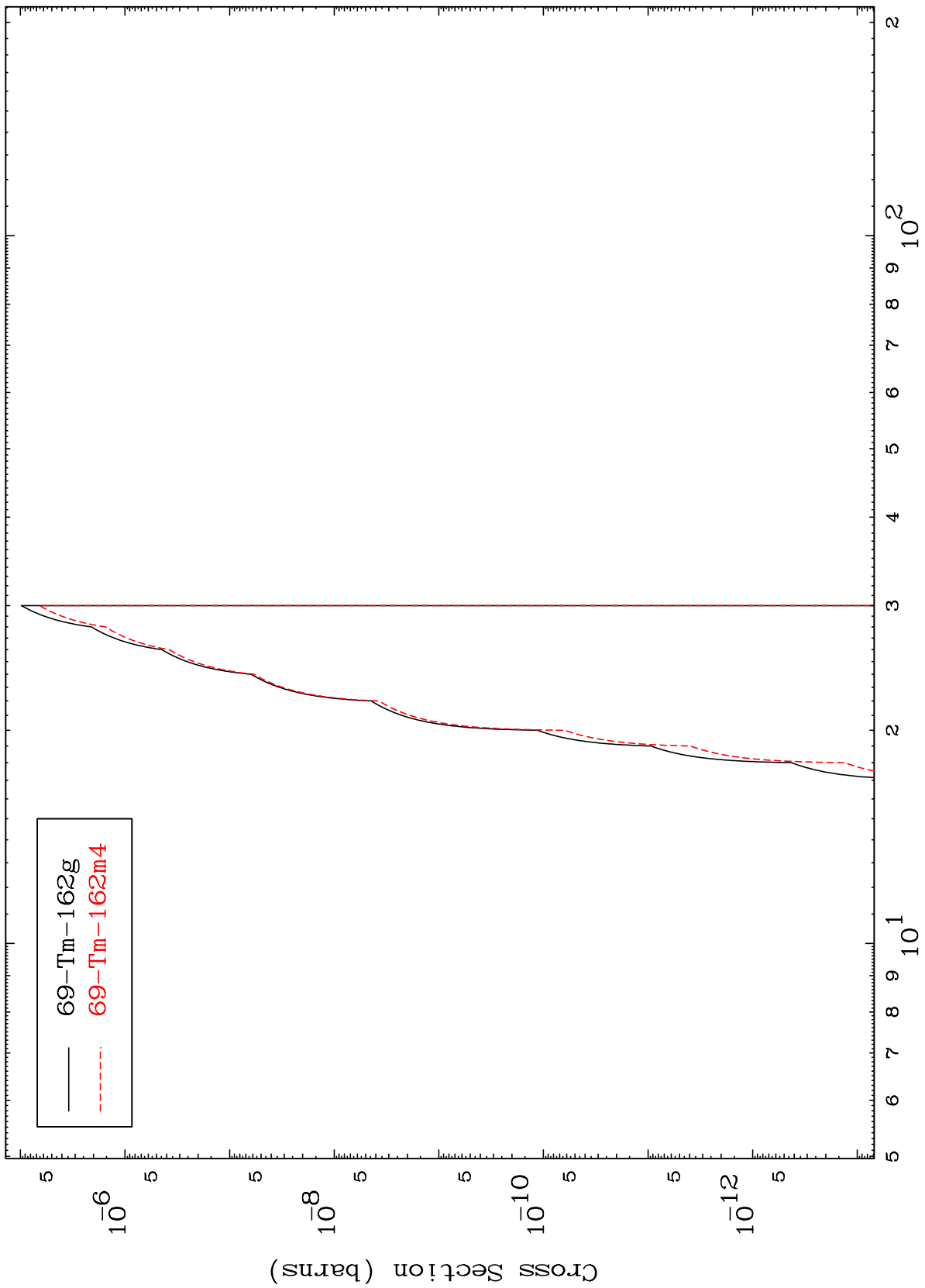
70-Yb-163

MAT 7010

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

70-Yb-163

Radionuclide Production Cross Section



12

Incident Energy (MeV)

70-Yb-163