

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)

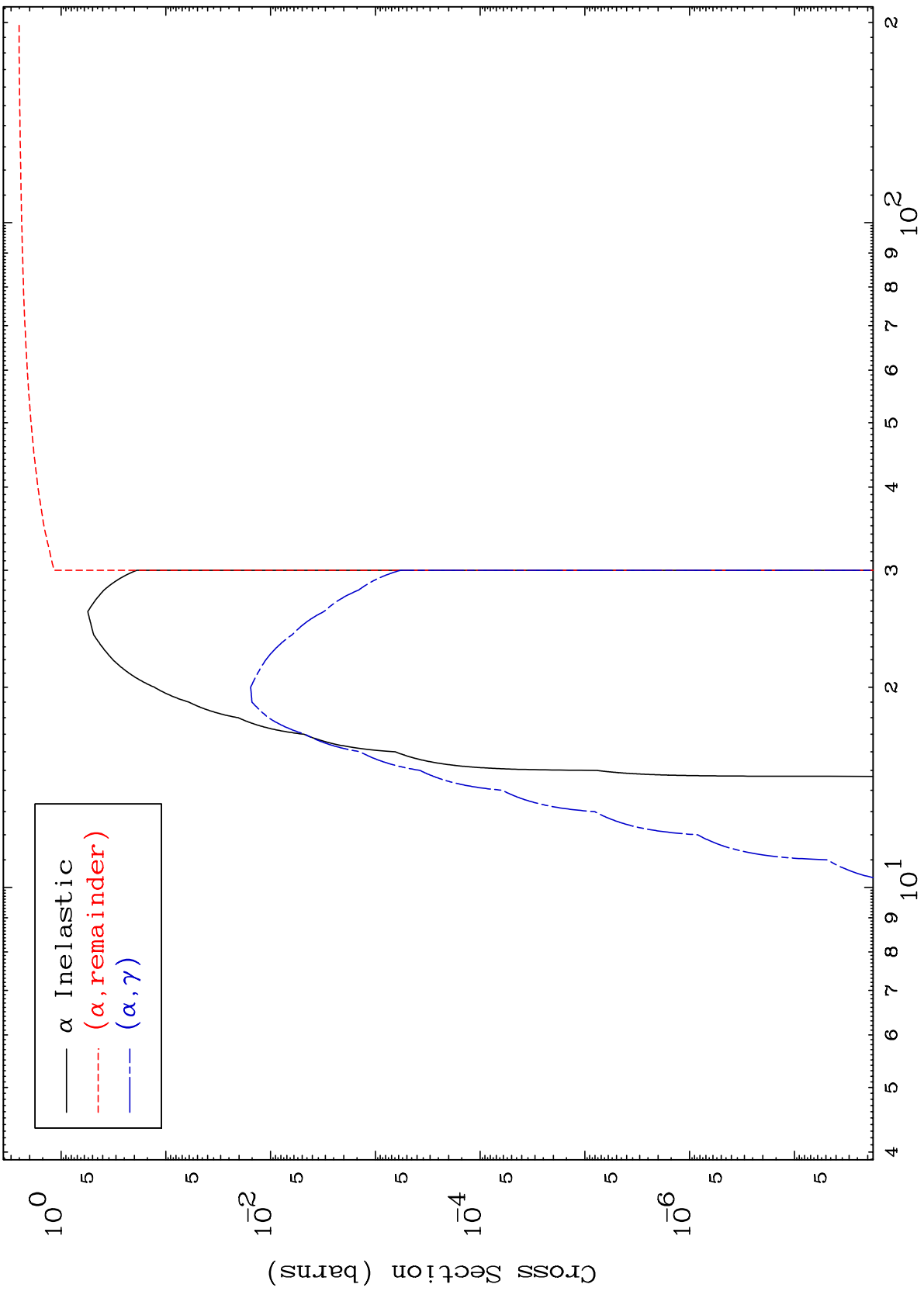
Press Mouse Button to Start

MAT 7089

$\alpha$  Major

71-Lu-163

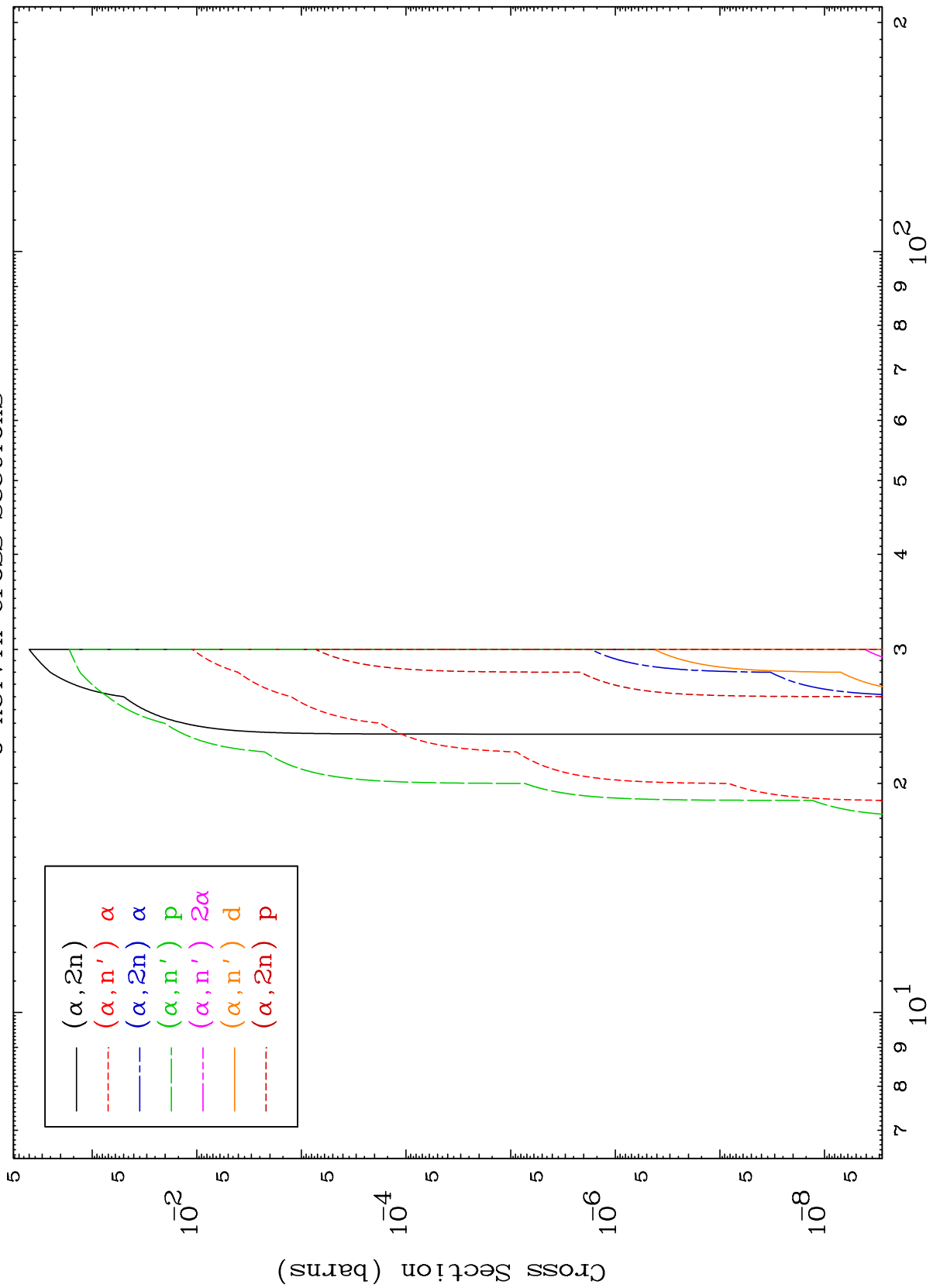
0 Kelvin Cross Sections

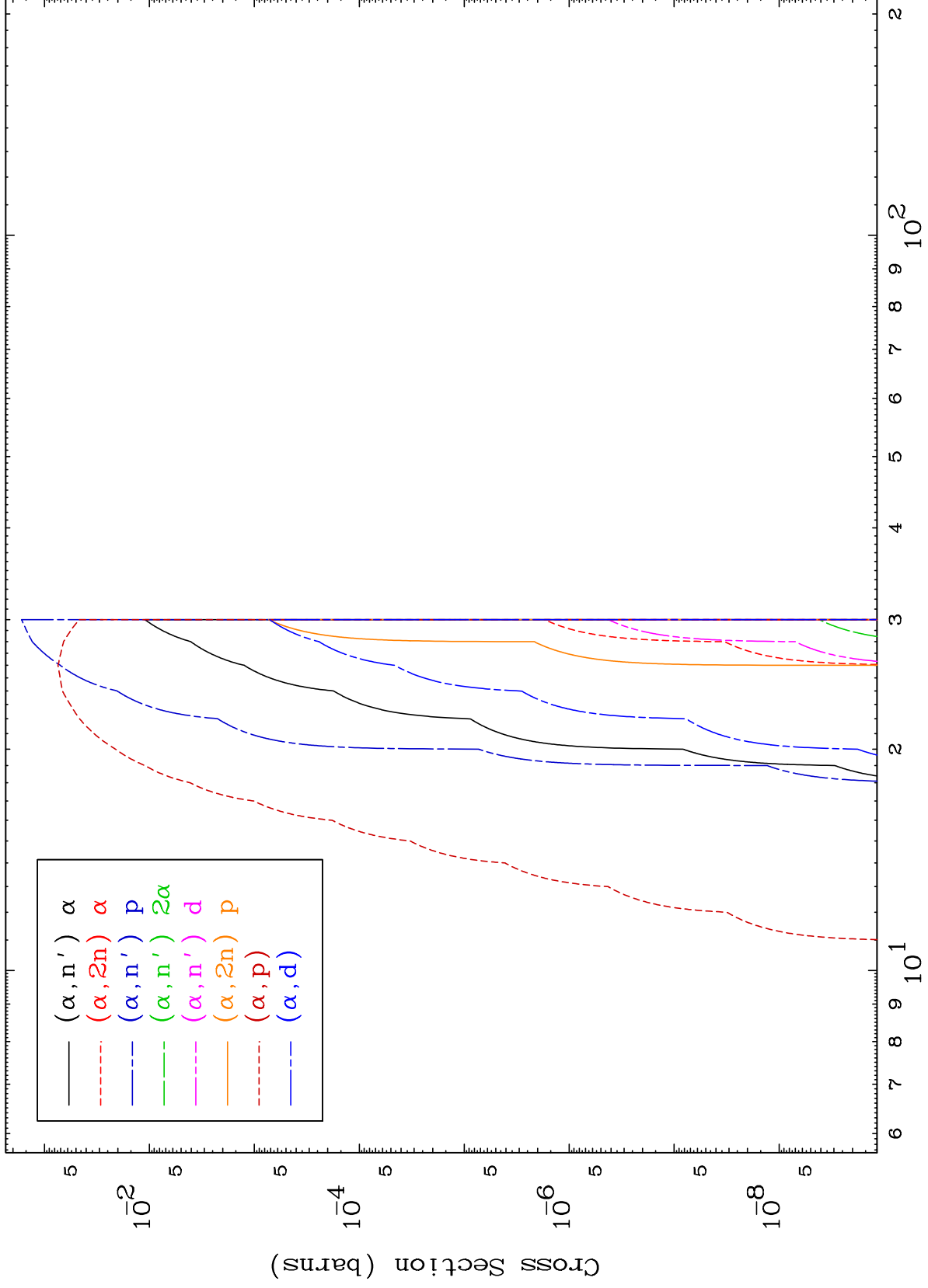


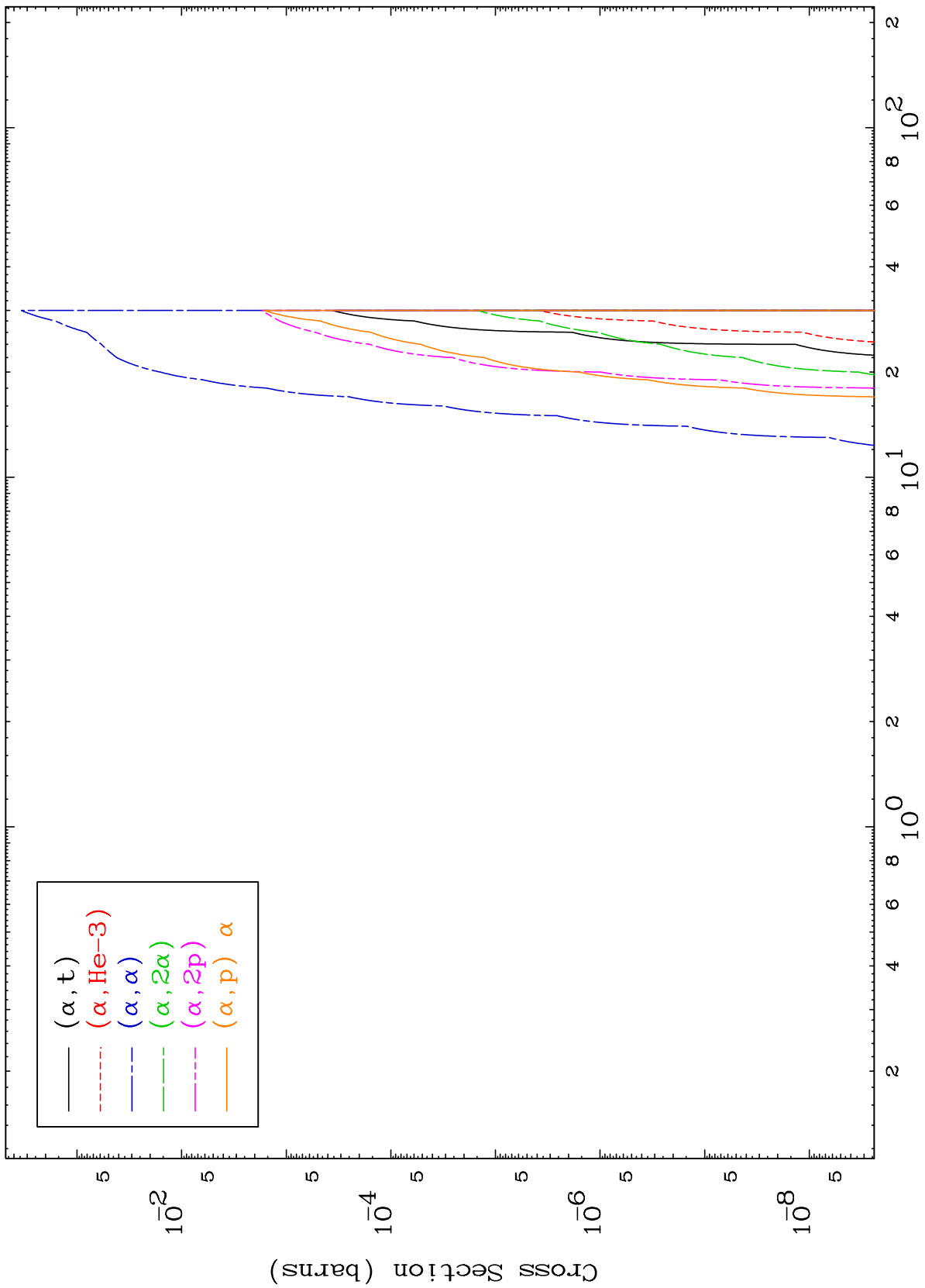
Incident Energy (MeV)

71-Lu-163

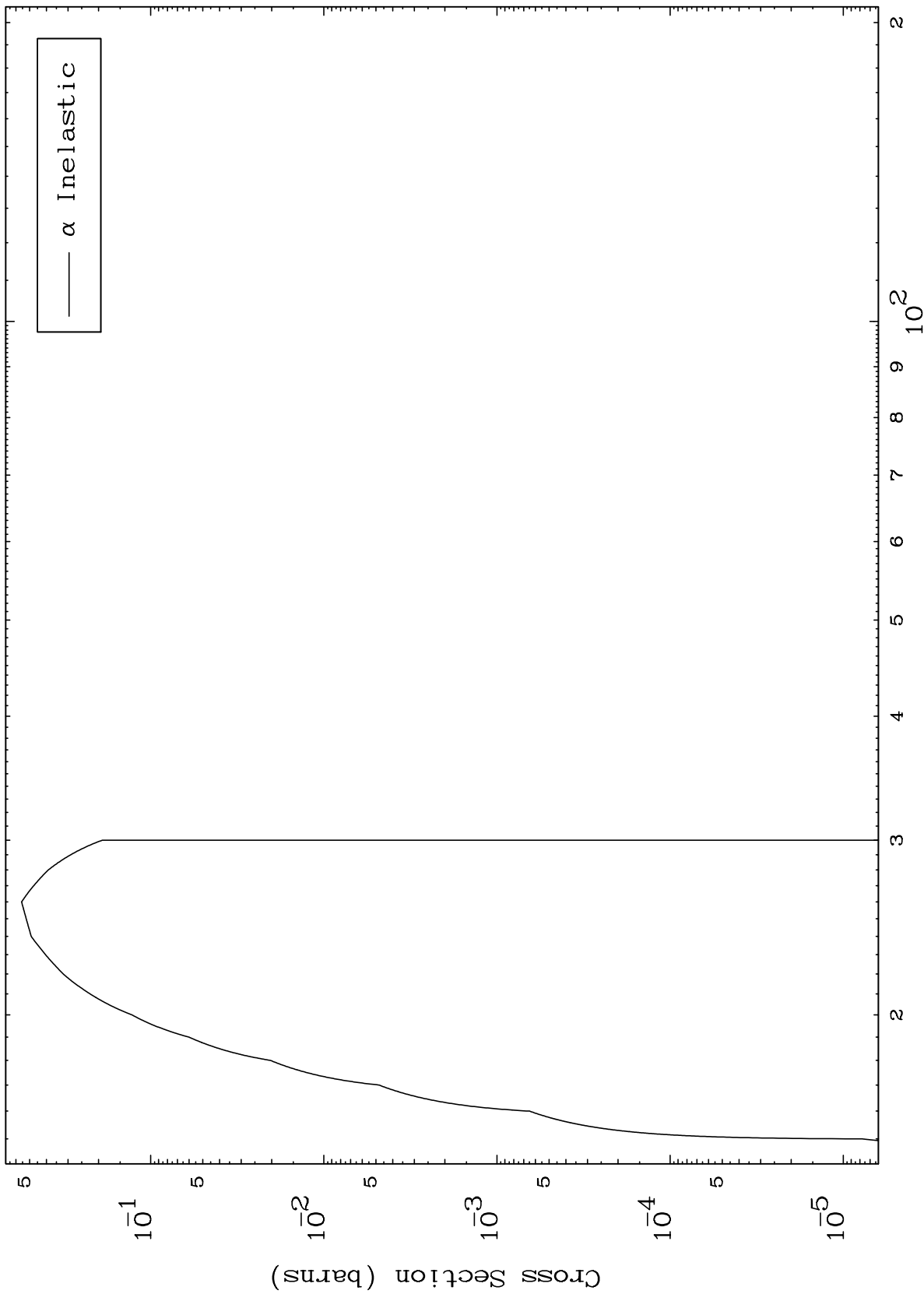
1







0 Kelvin Cross Sections

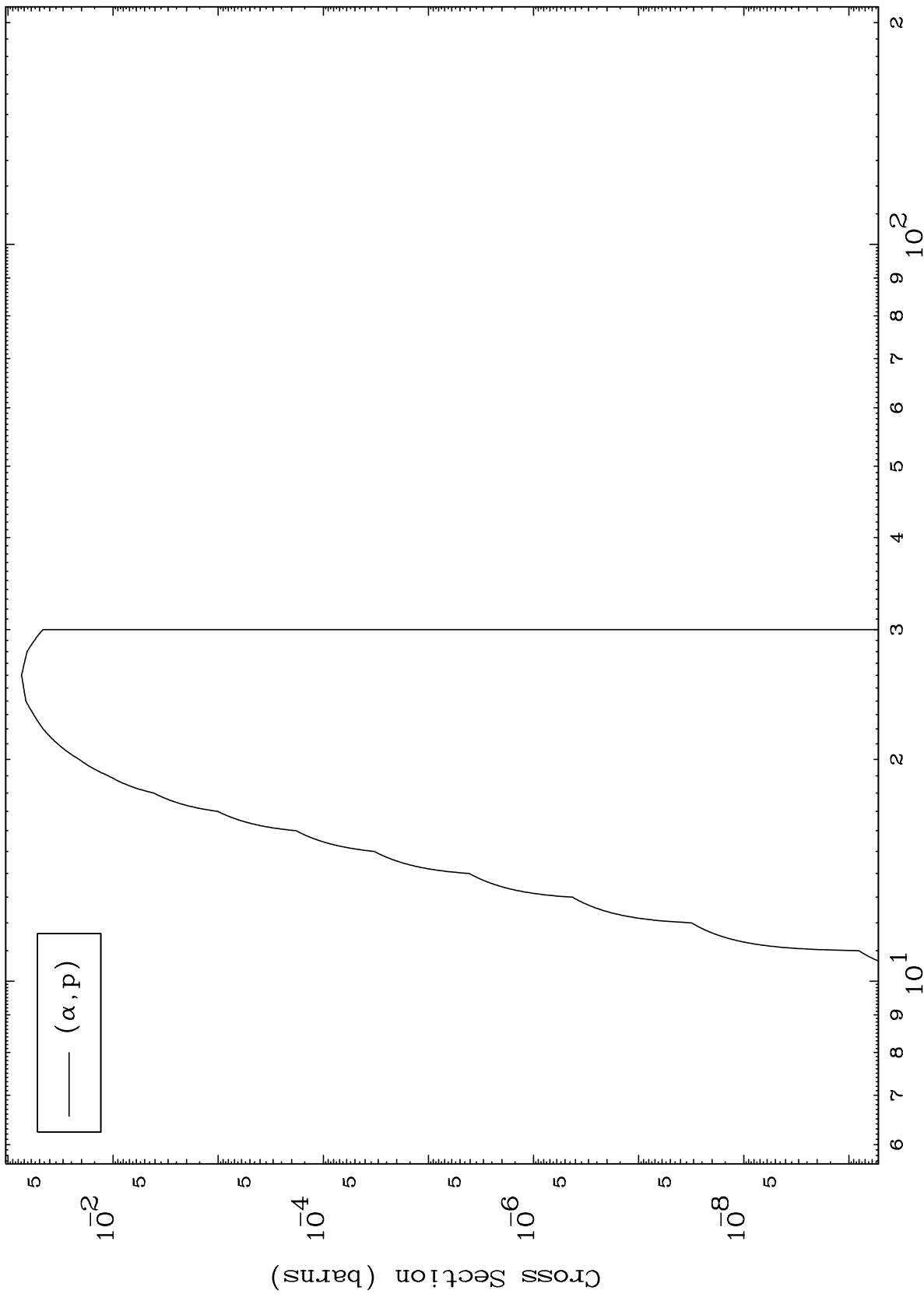


MAT 7089

( $\alpha, p$ ) Levels

71-Lu-163

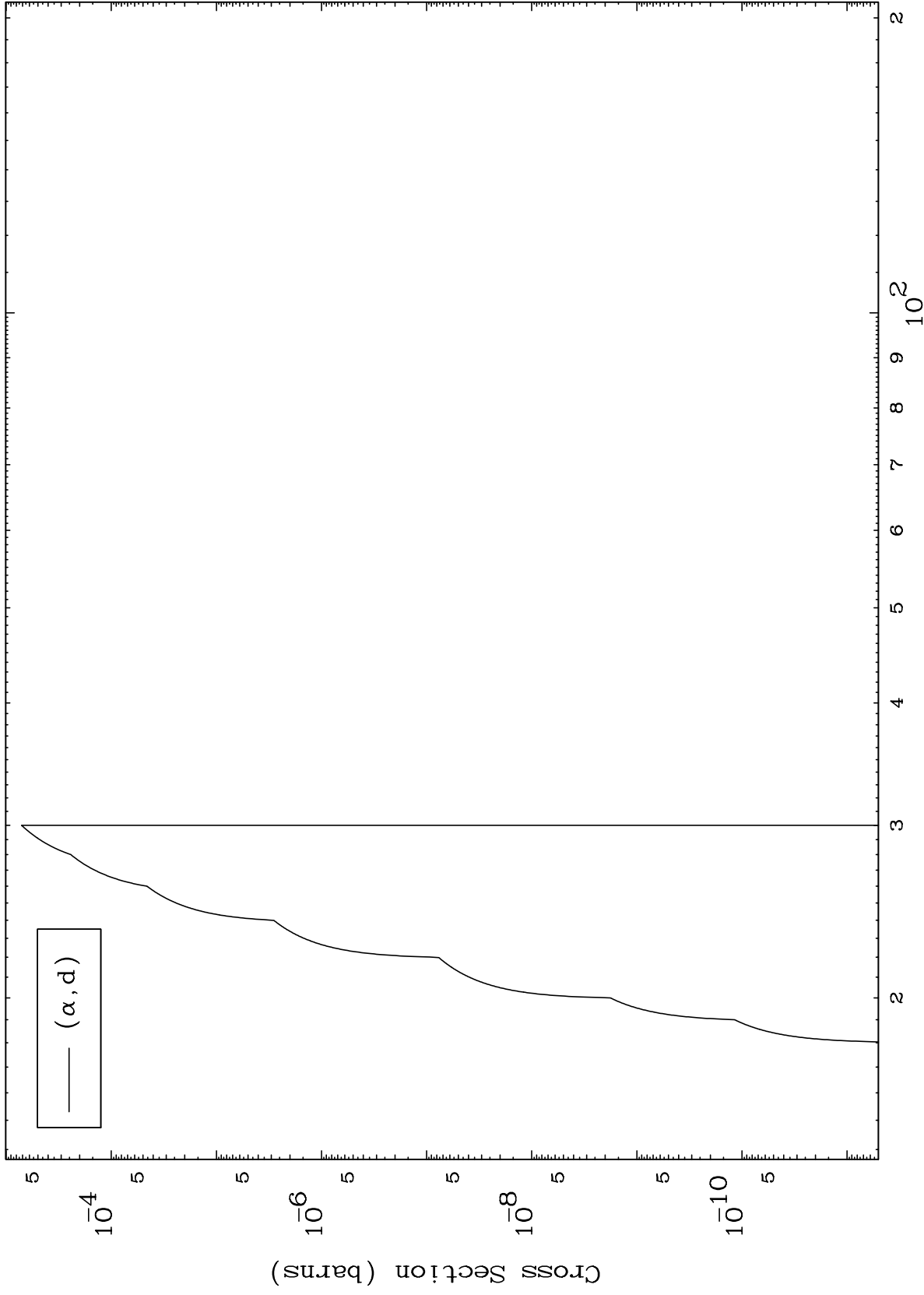
0 Kelvin Cross Sections



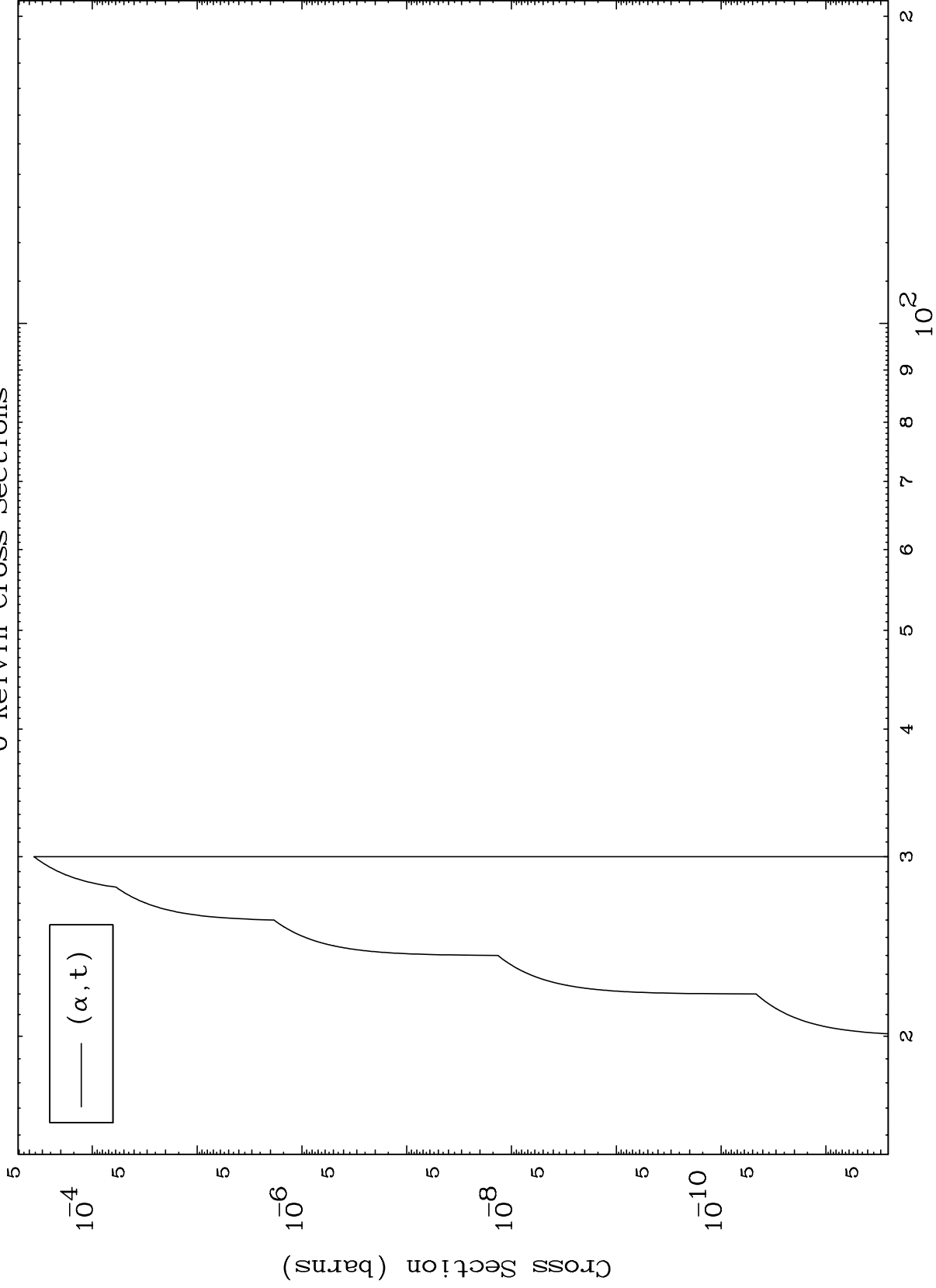
Incident Energy (MeV)

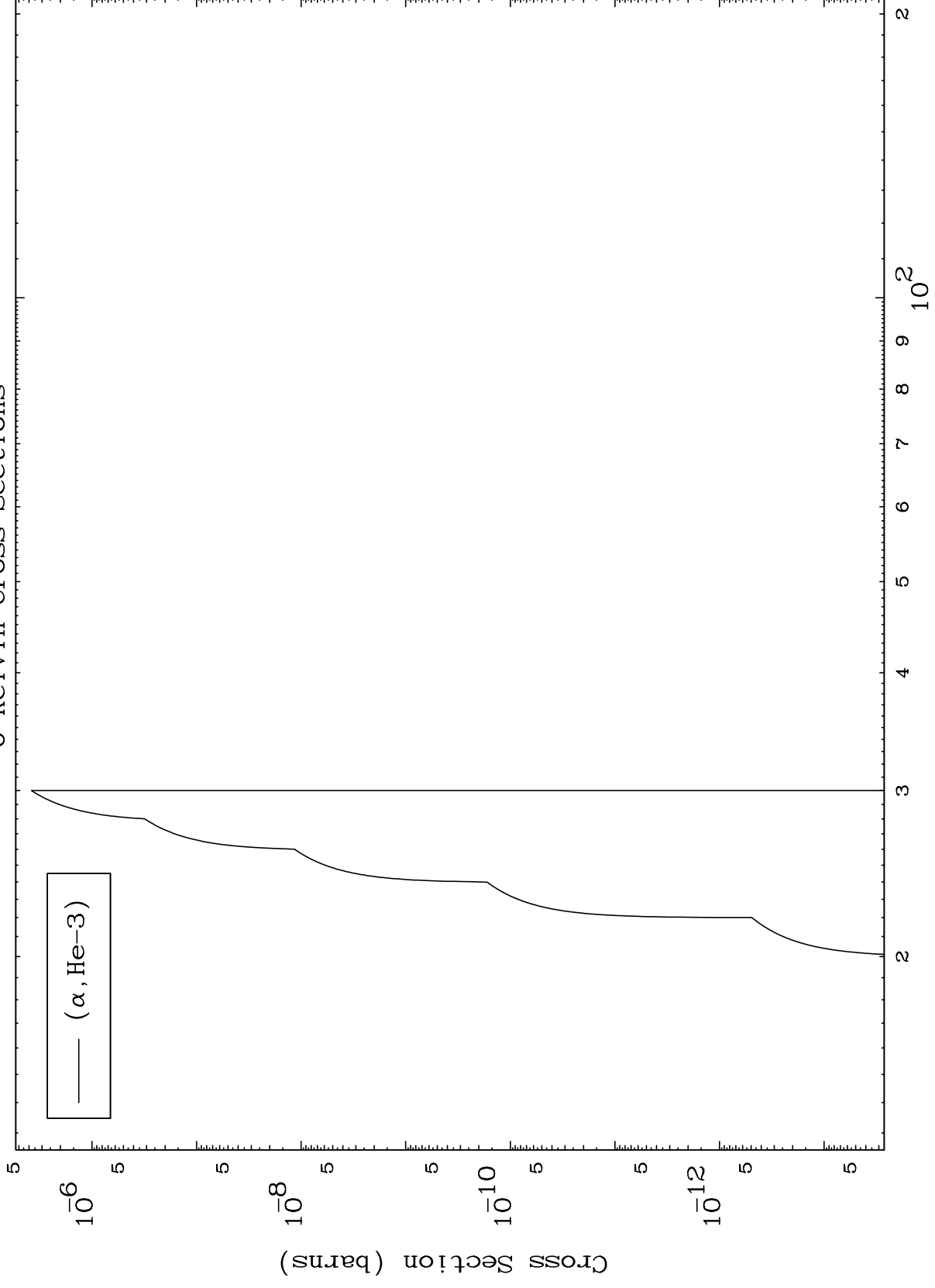
71-Lu-163

6







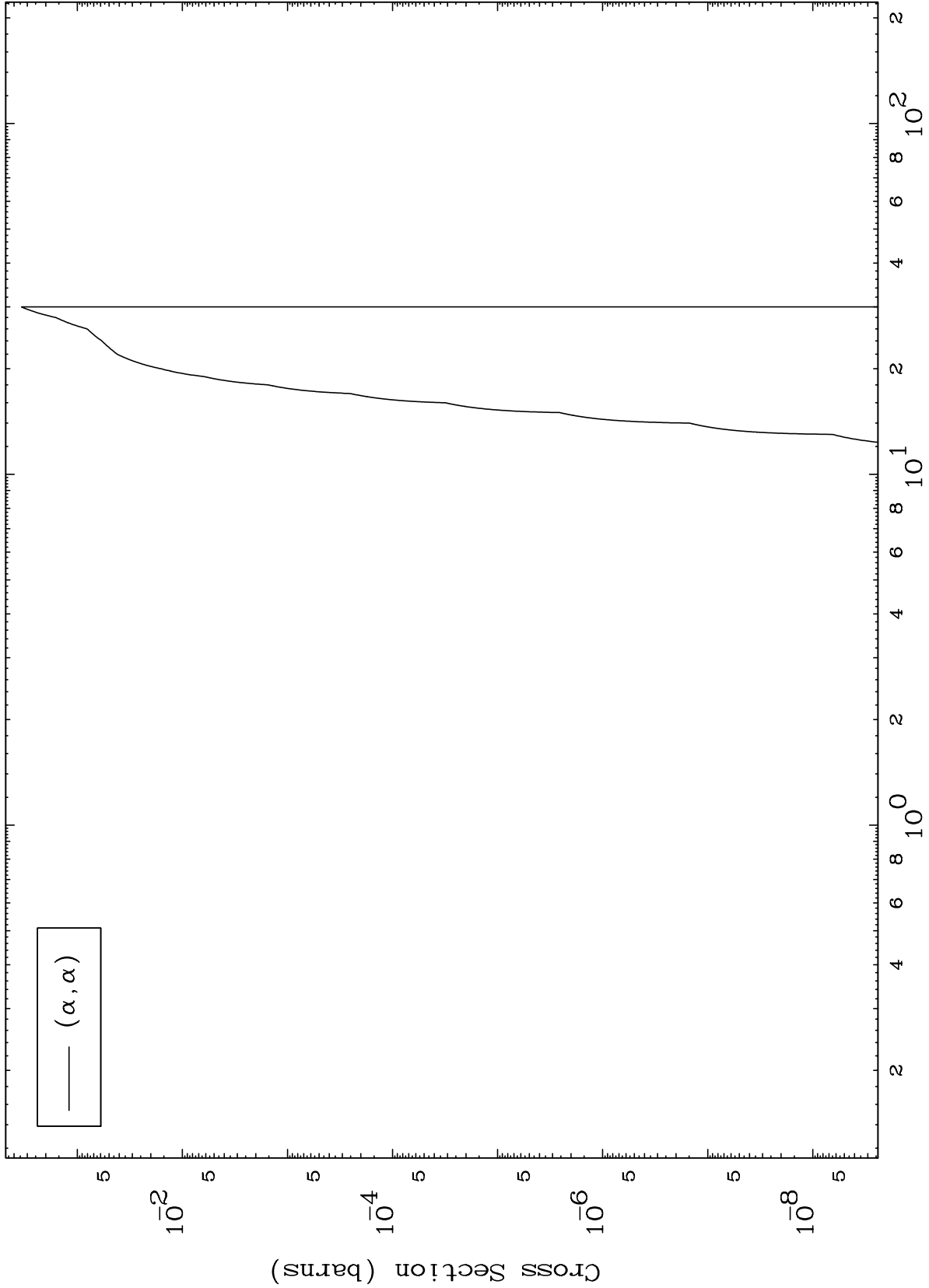


MAT 7089

( $\alpha, \alpha$ ) Levels

71-Lu-163

0 Kelvin Cross Sections



10

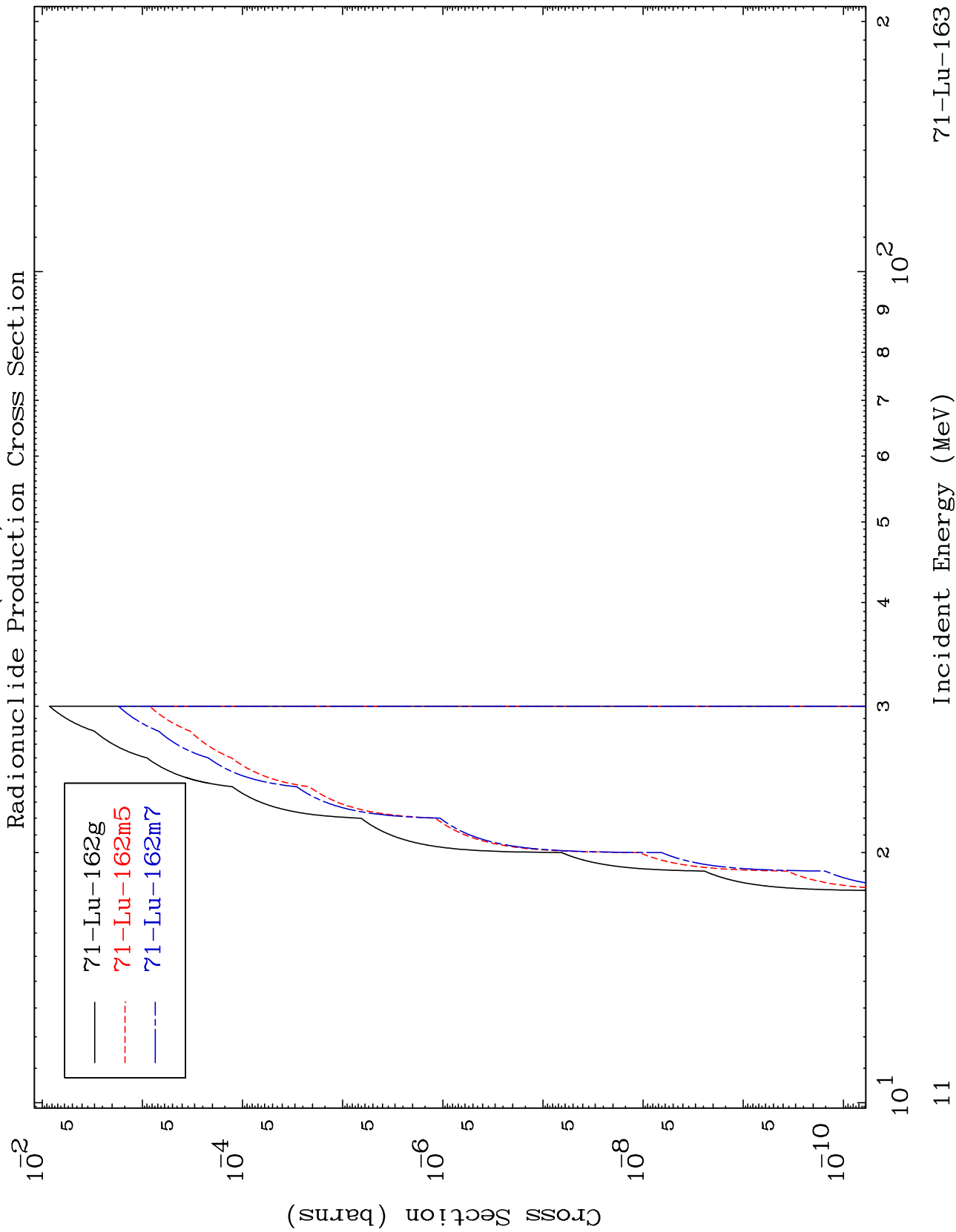
Incident Energy (MeV)

71-Lu-163

MAT 7089

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

$^{71}\text{Lu-163}$



11

Incident Energy (MeV)

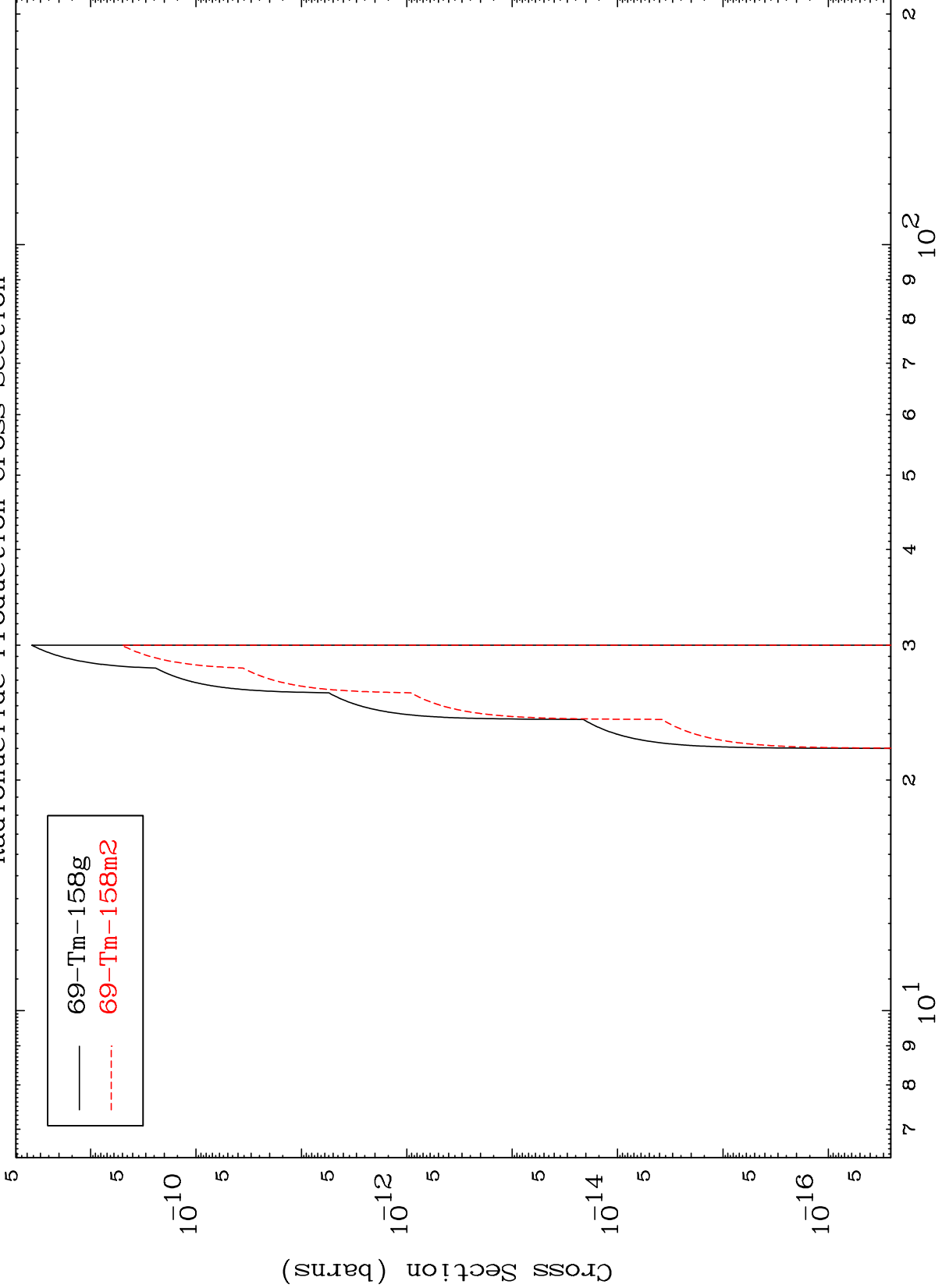
$^{71}\text{Lu-163}$

MAT 7089

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

71-Lu-163

Radionuclide Production Cross Section



69-Tm-158g  
69-Tm-158m2

12

Incident Energy (MeV)

71-Lu-163