

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

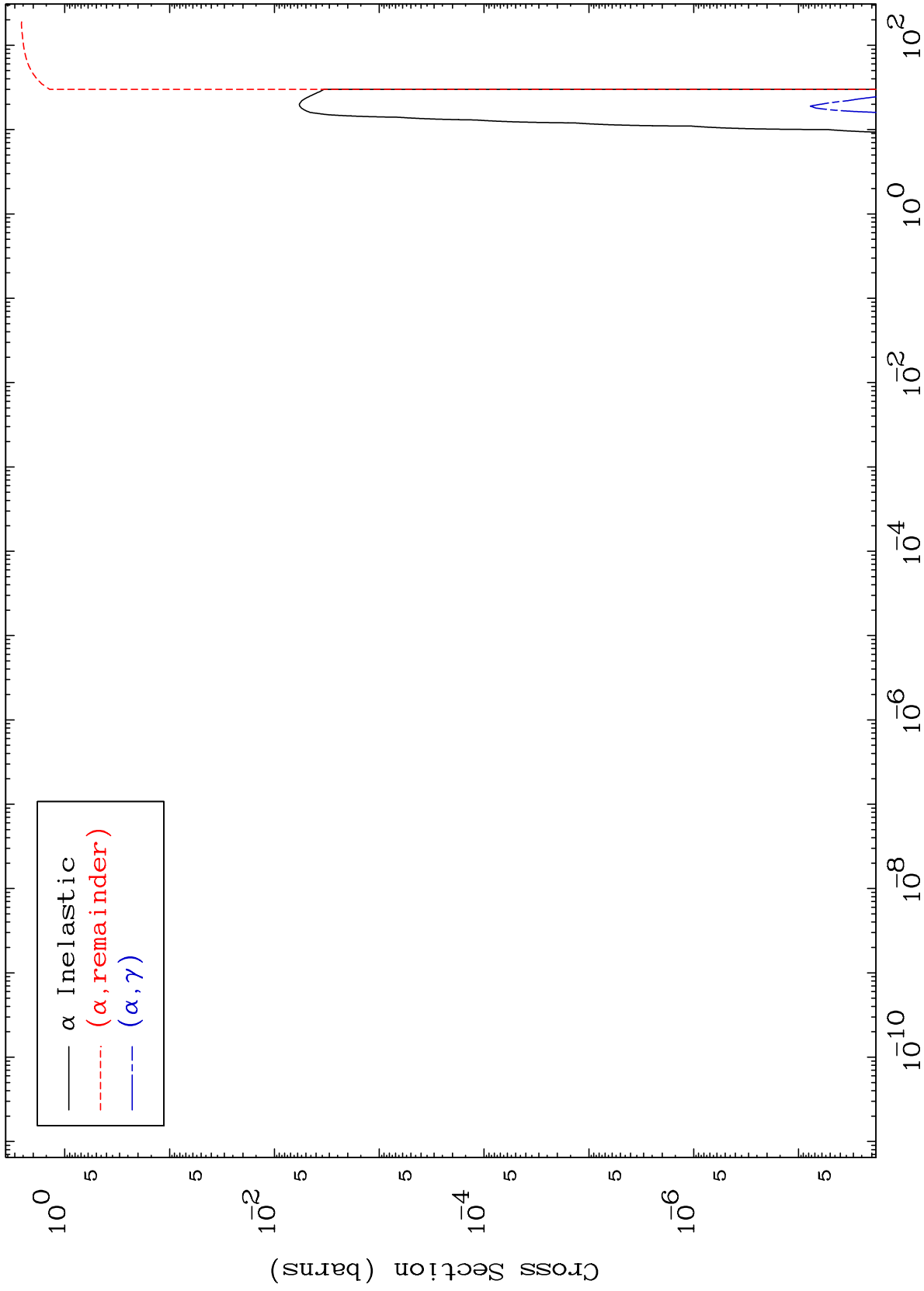
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6667

0 Kelvin  $\alpha$  Major

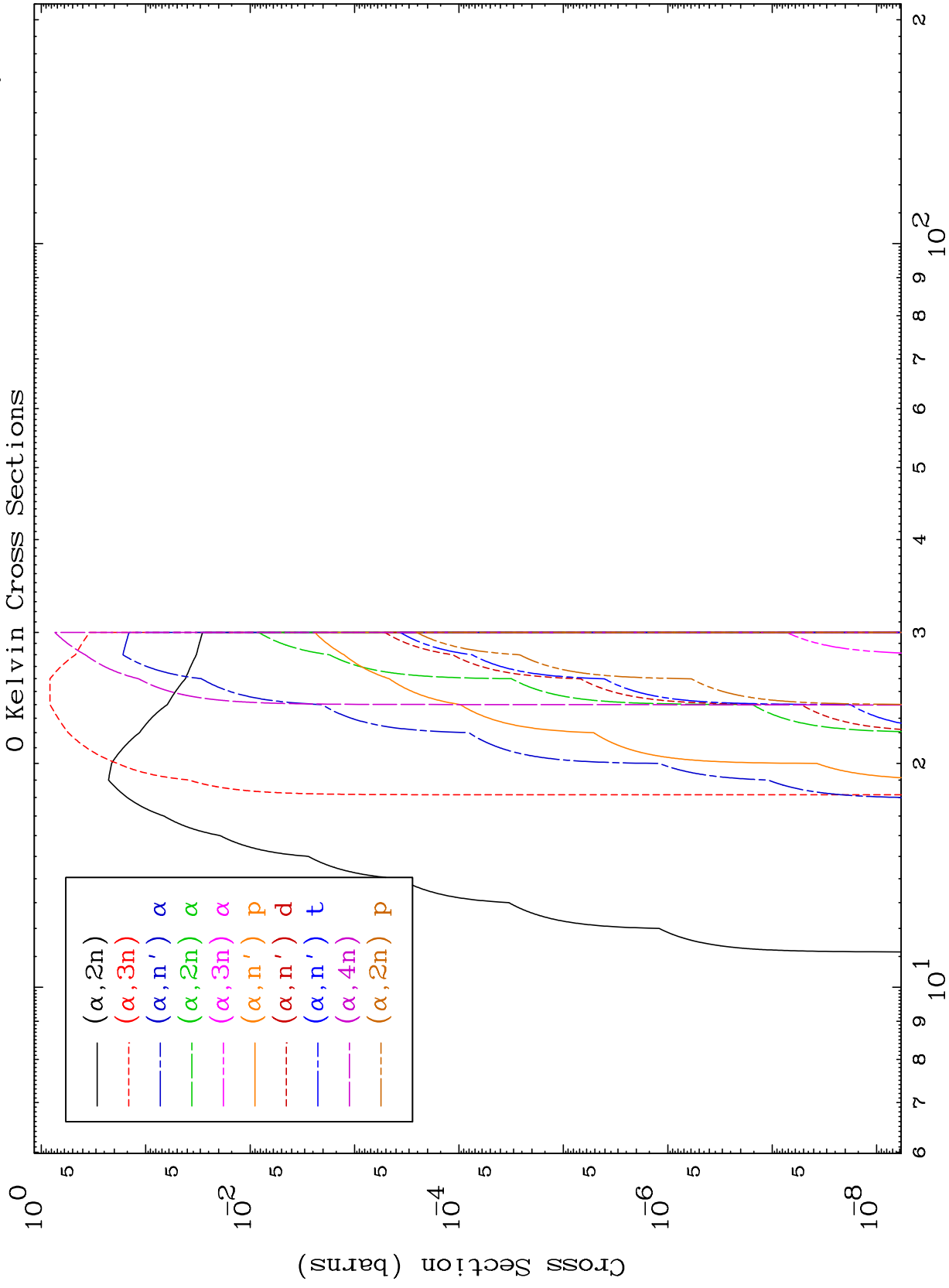
66-Dy-170



MAT 6667

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

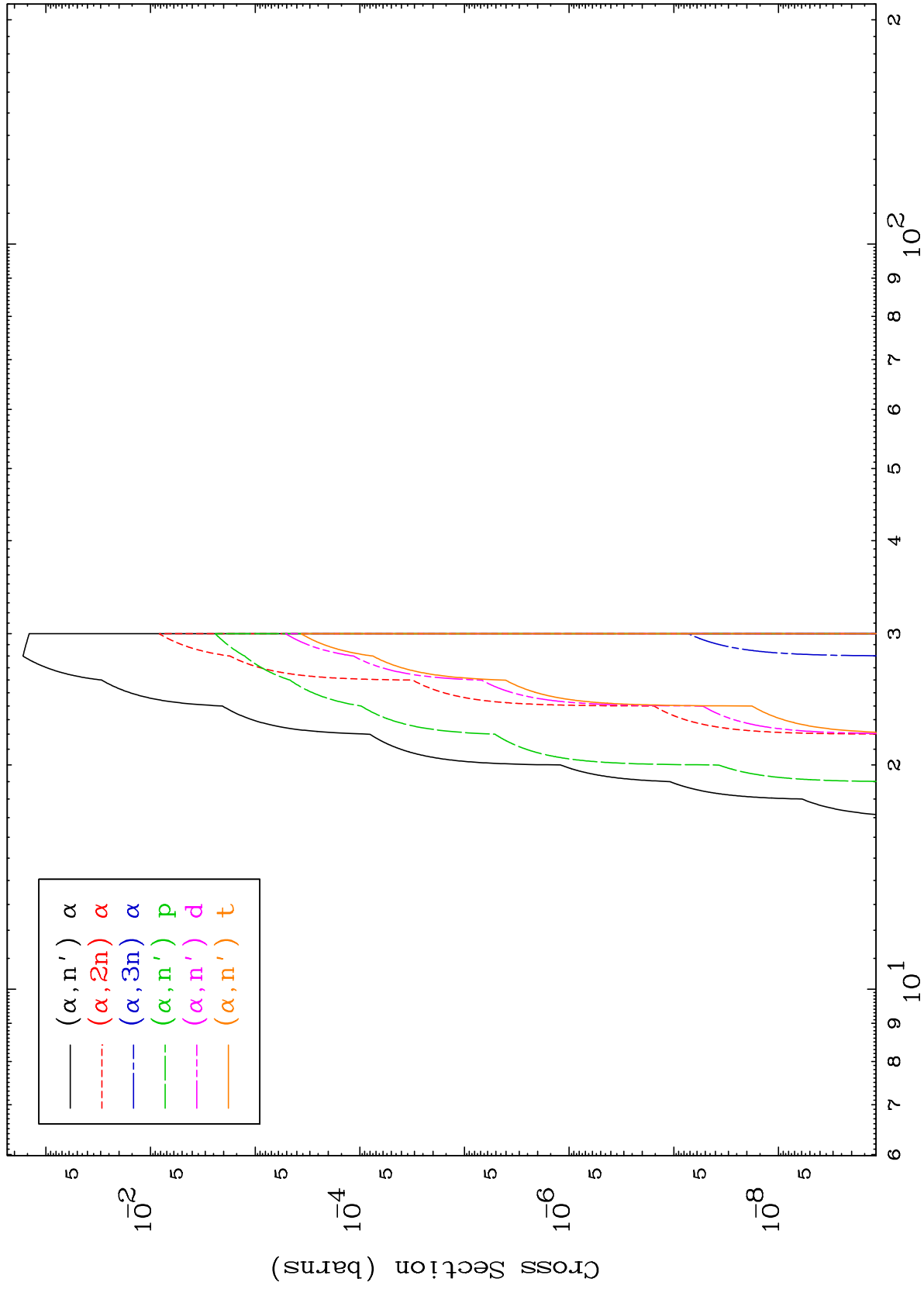
66-Dy-170



2

Incident Energy (MeV)

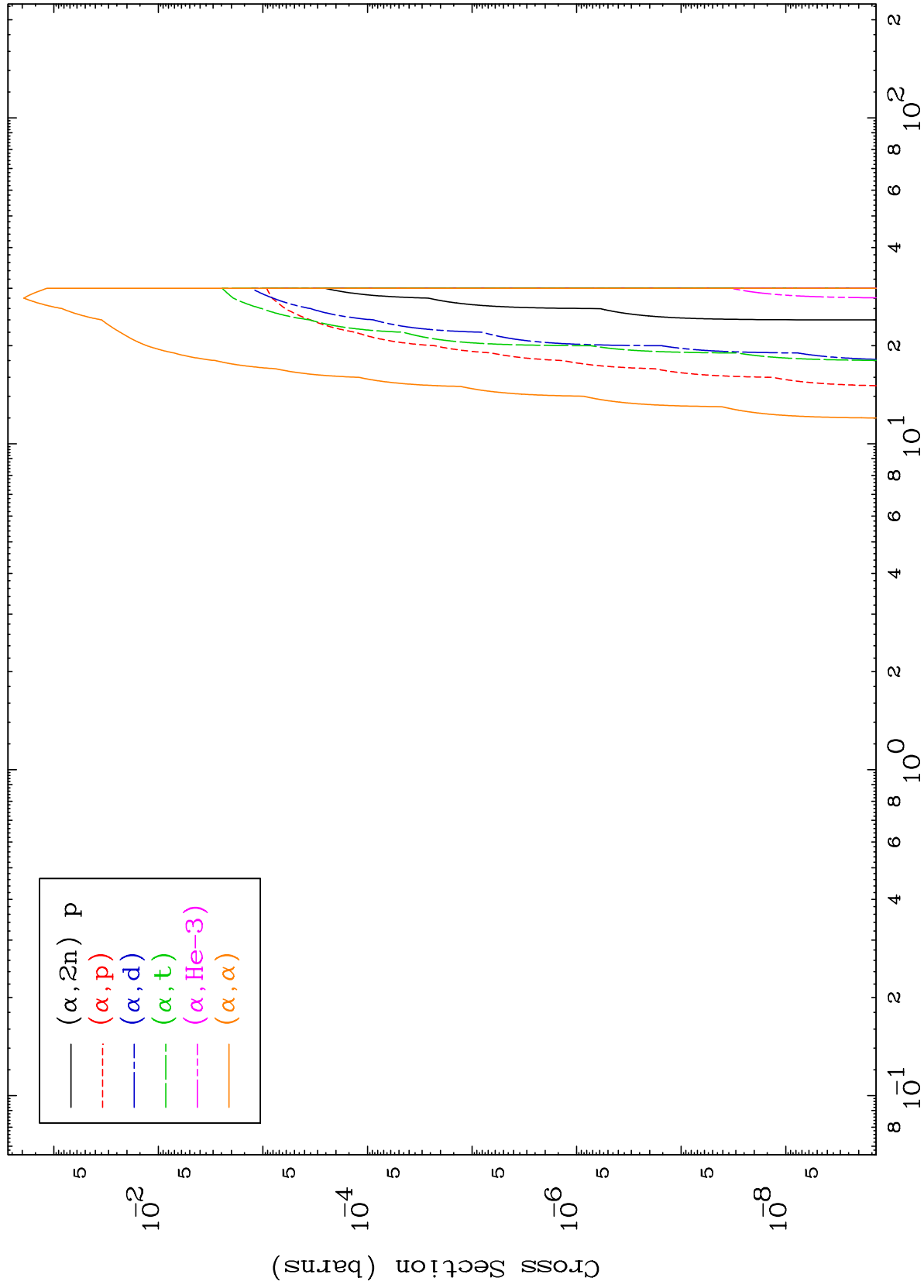
66-Dy-170



MAT 6667

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

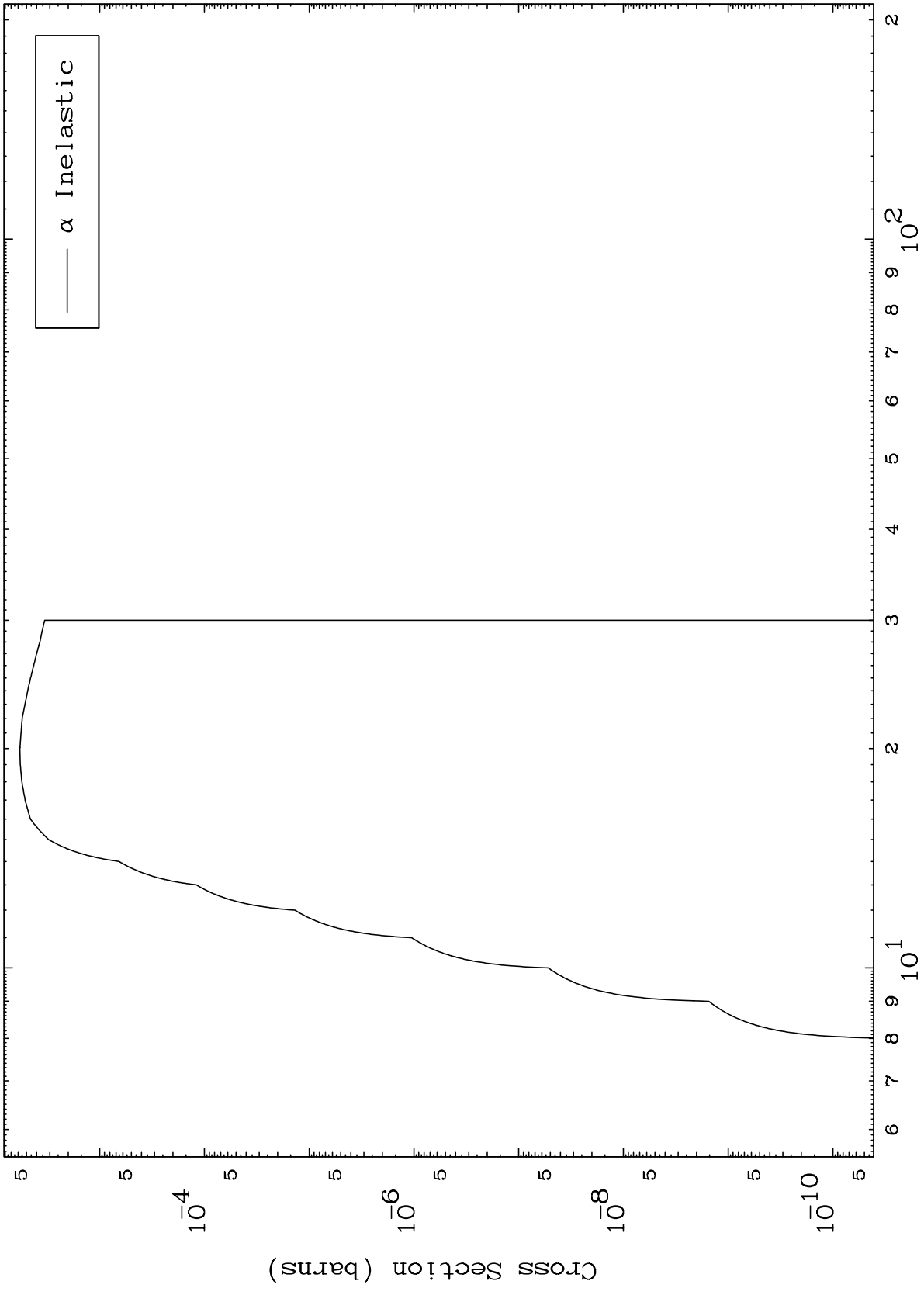
66-Dy-170



MAT 6667

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

66-Dy-170



5

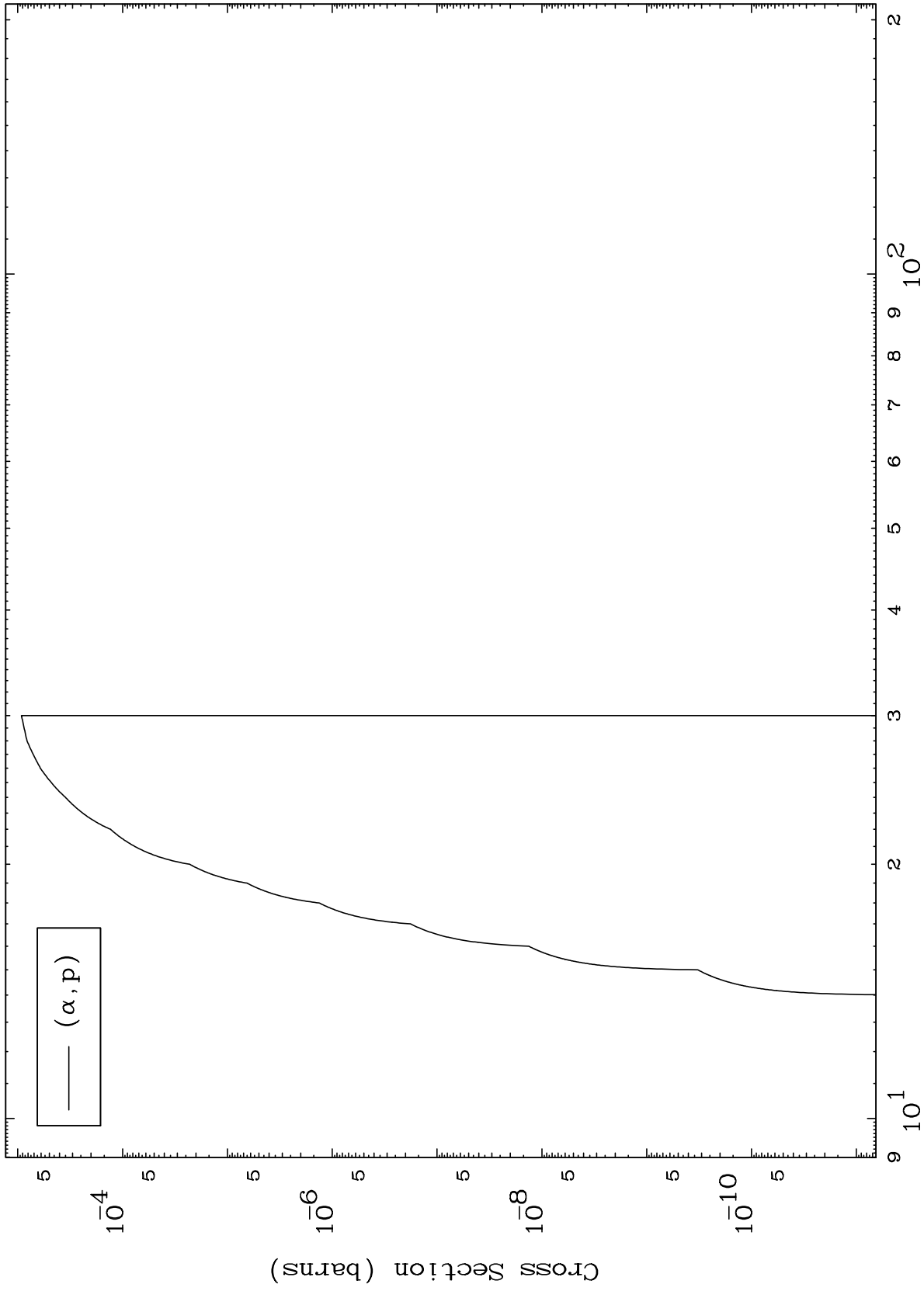
Incident Energy (MeV)

66-Dy-170

MAT 6667

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

66-Dy-170



6

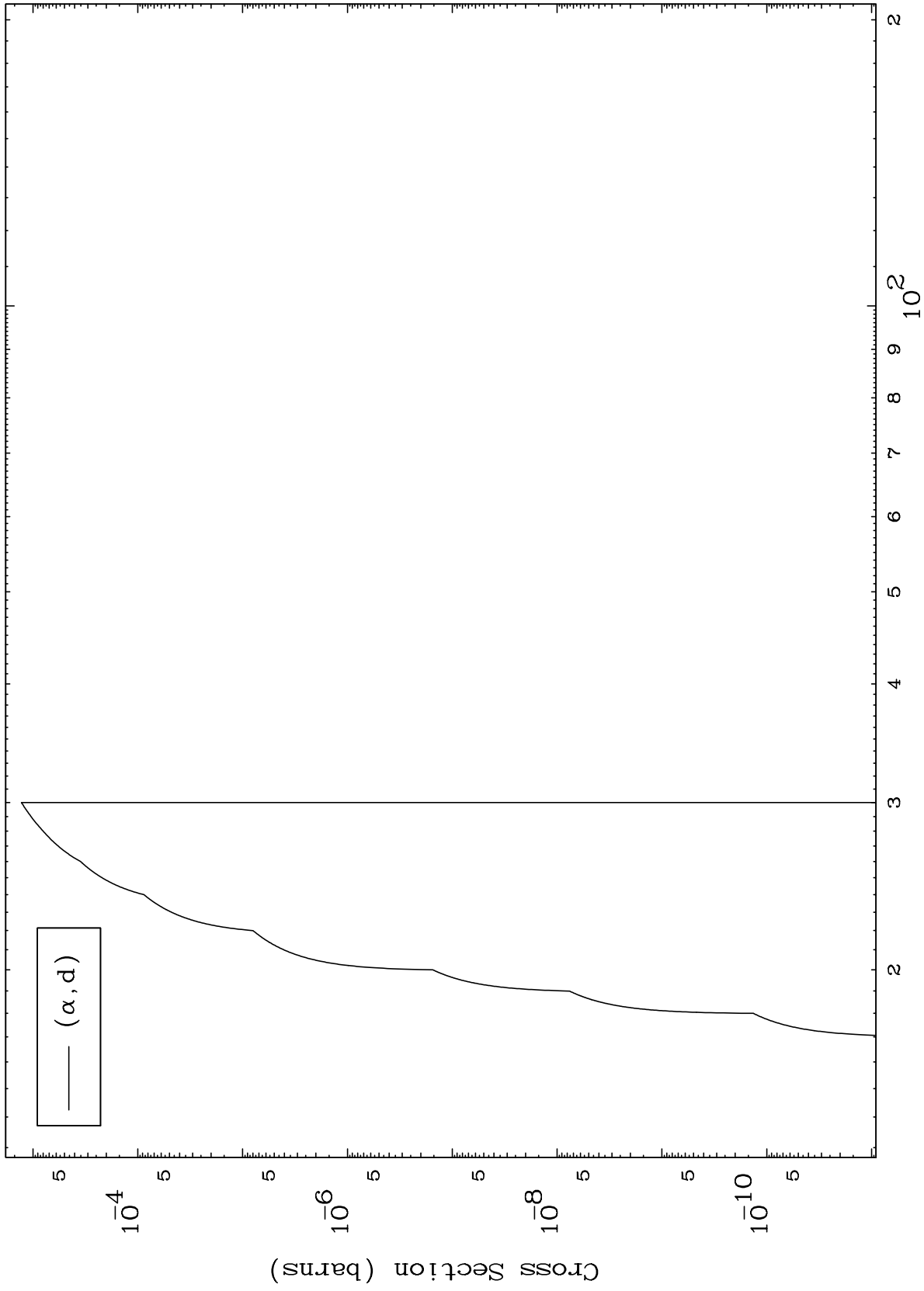
Incident Energy (MeV)

66-Dy-170

MAT 6667

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

66-Dy-170



7

Incident Energy (MeV)

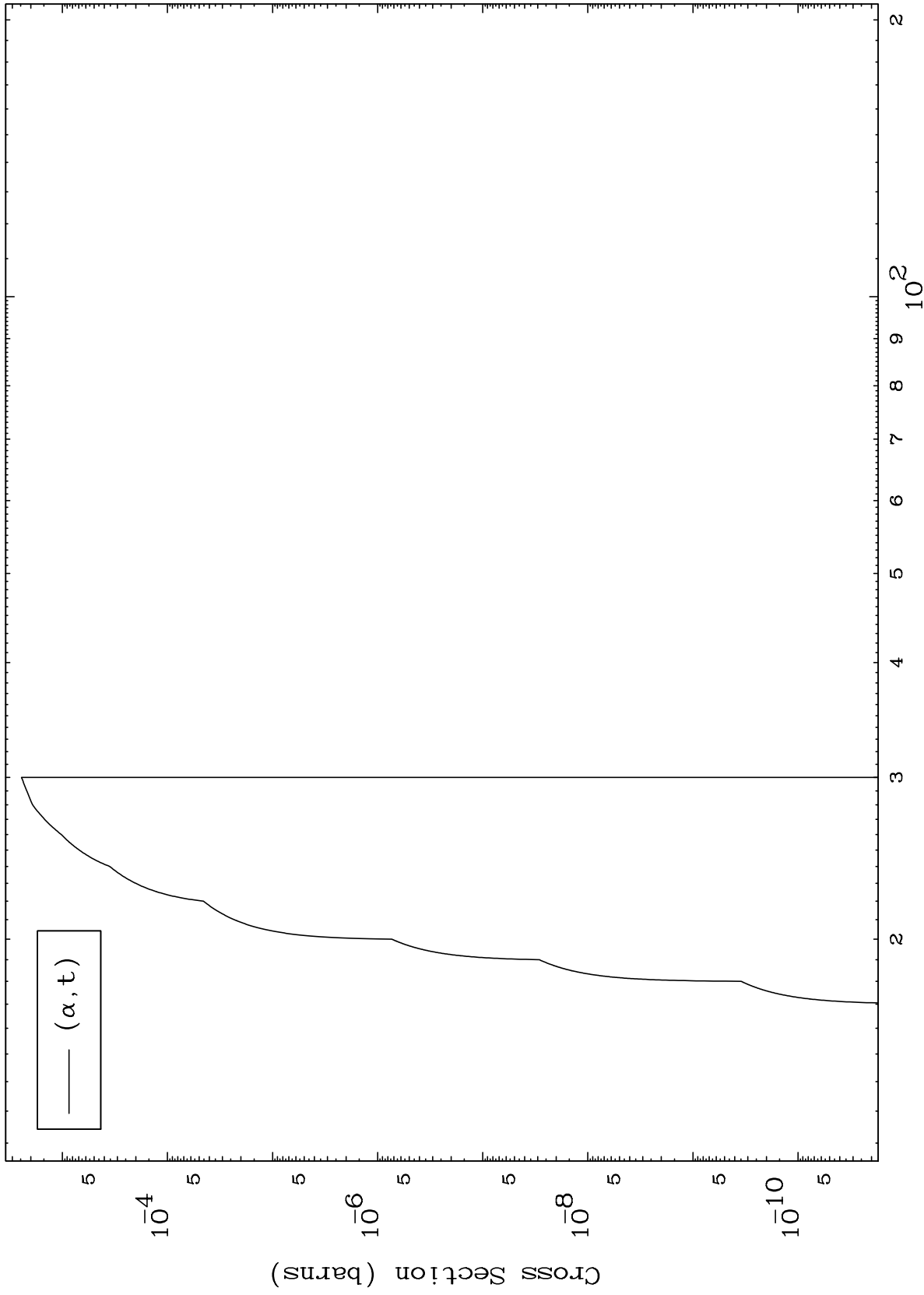
66-Dy-170



MAT 6667

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

66-Dy-170



8

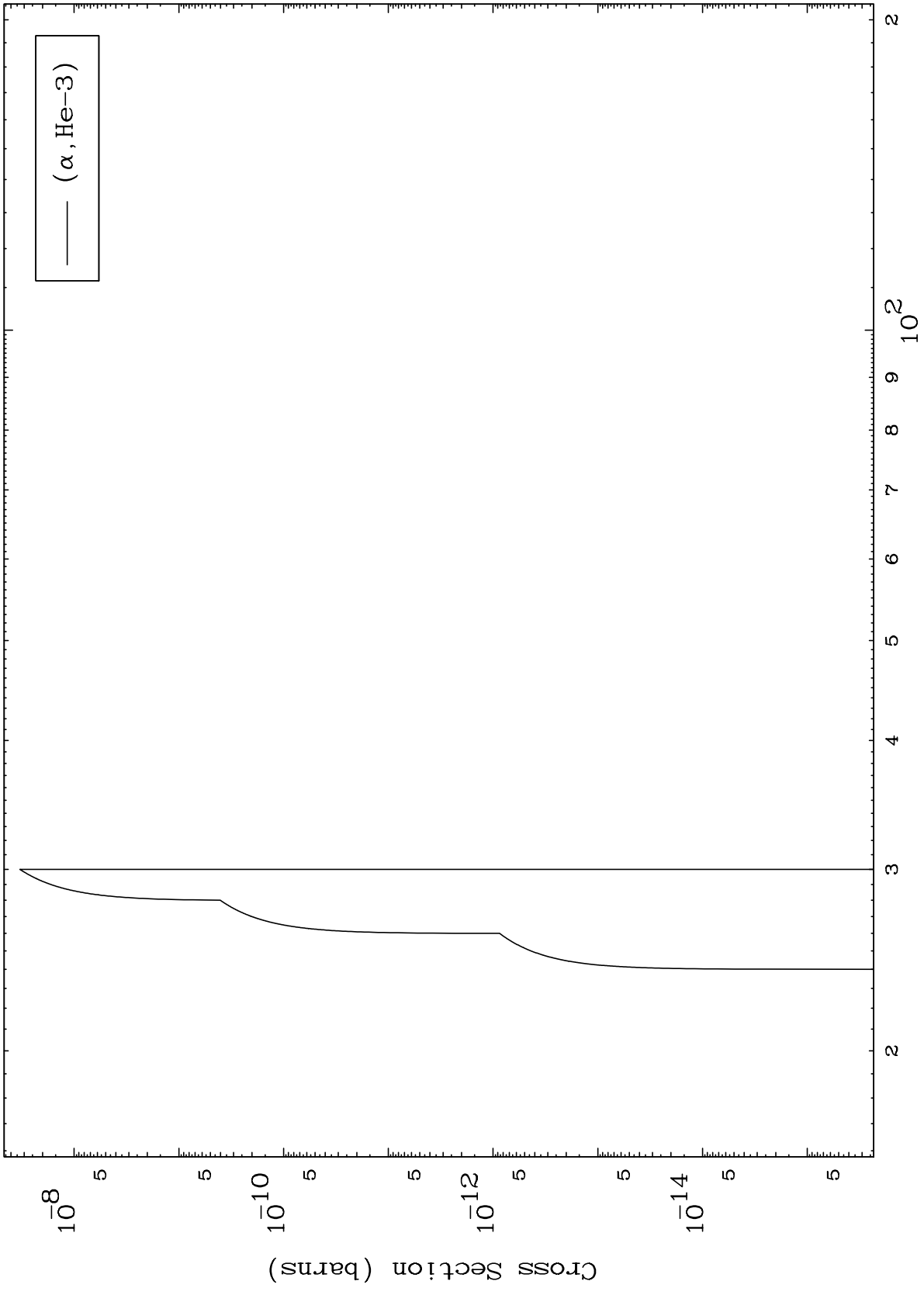
Incident Energy (MeV)

66-Dy-170

MAT 6667

( $\alpha$ ,He3) Levels  
0 Kelvin Cross Sections

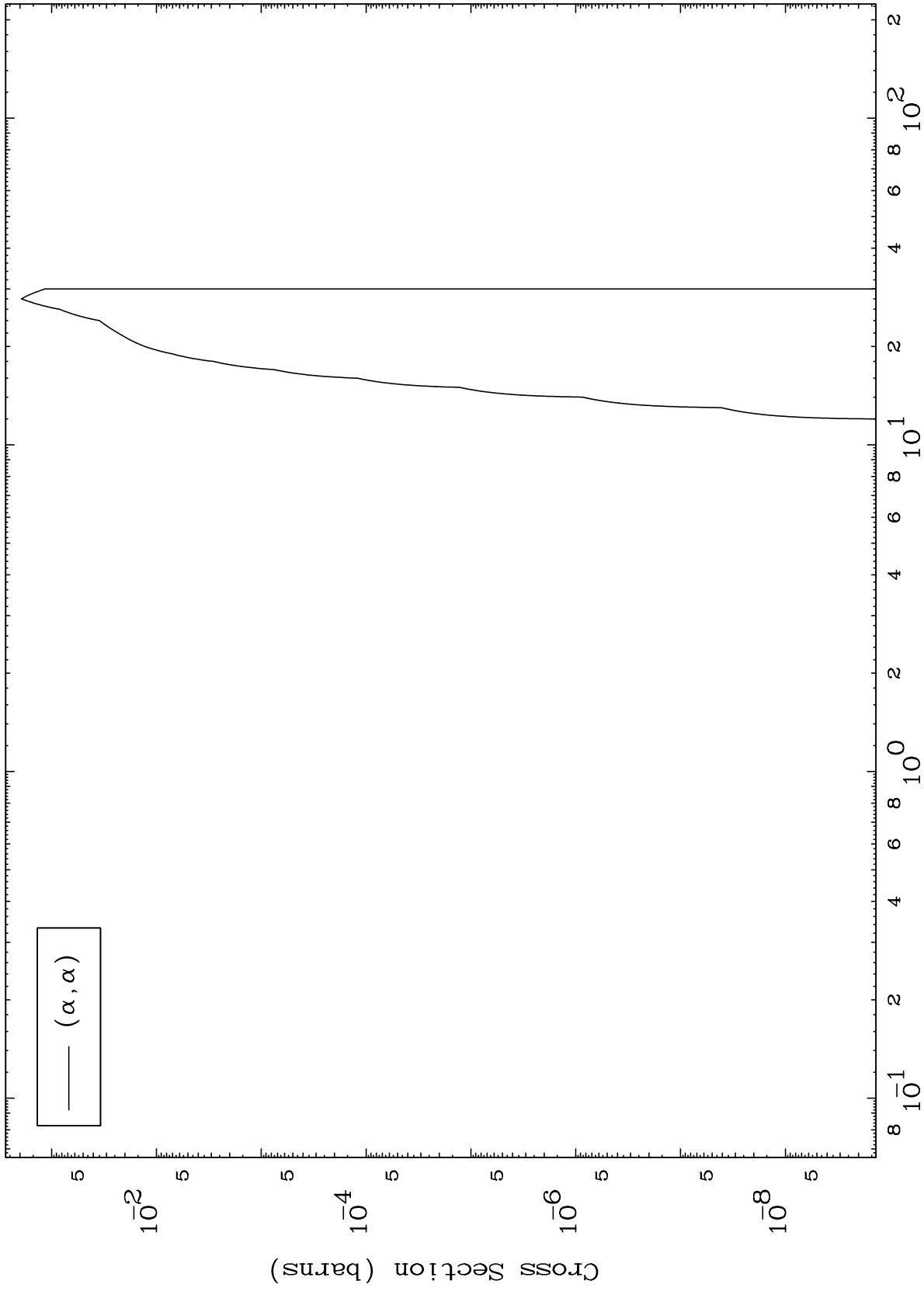
66-Dy-170



MAT 6667

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

66-Dy-170



10

Incident Energy (MeV)

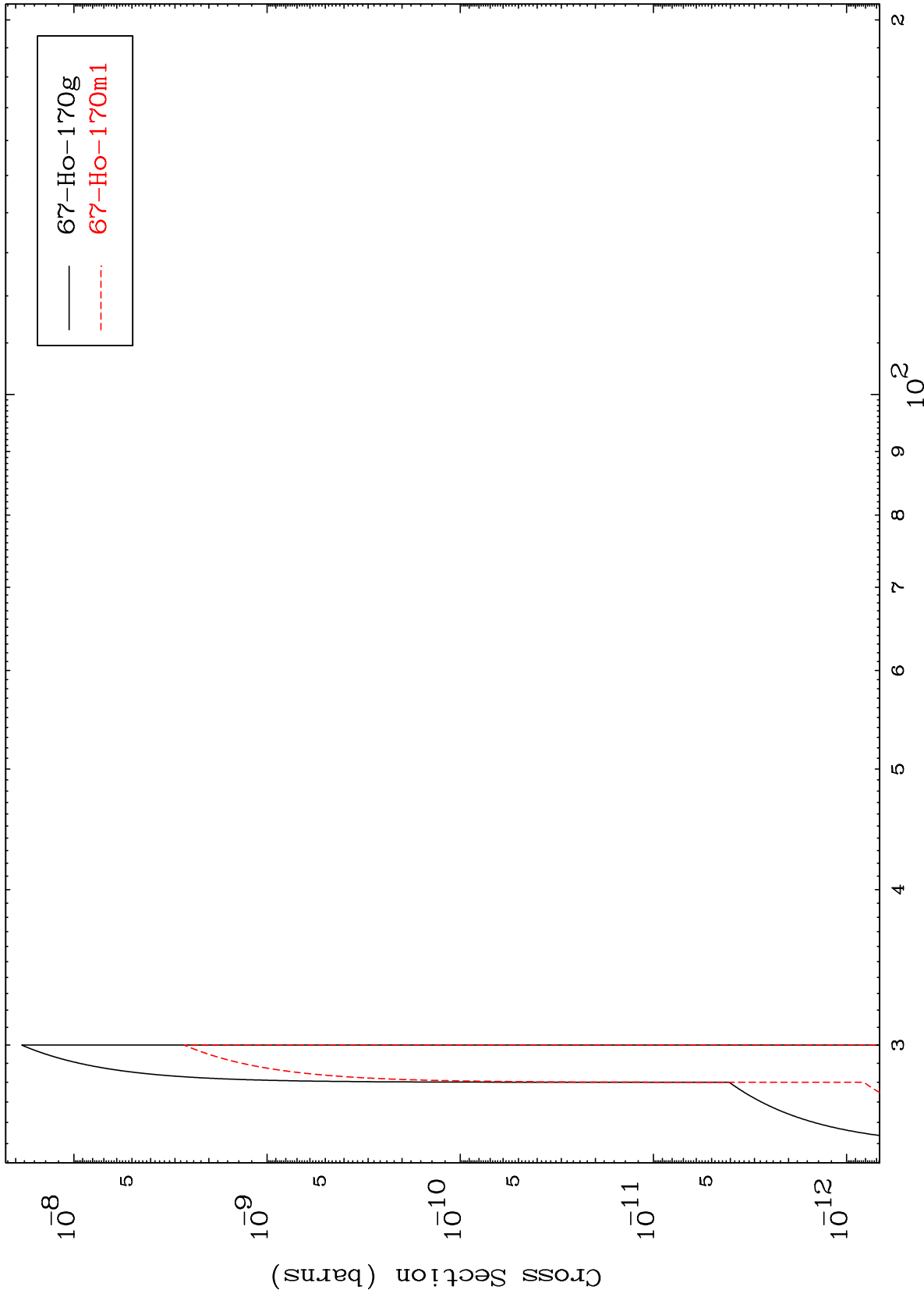
66-Dy-170

MAT 6667

( $\alpha, 2n$ ) d

66-Dy-170

Radionuclide Production Cross Section



11

Incident Energy (MeV)

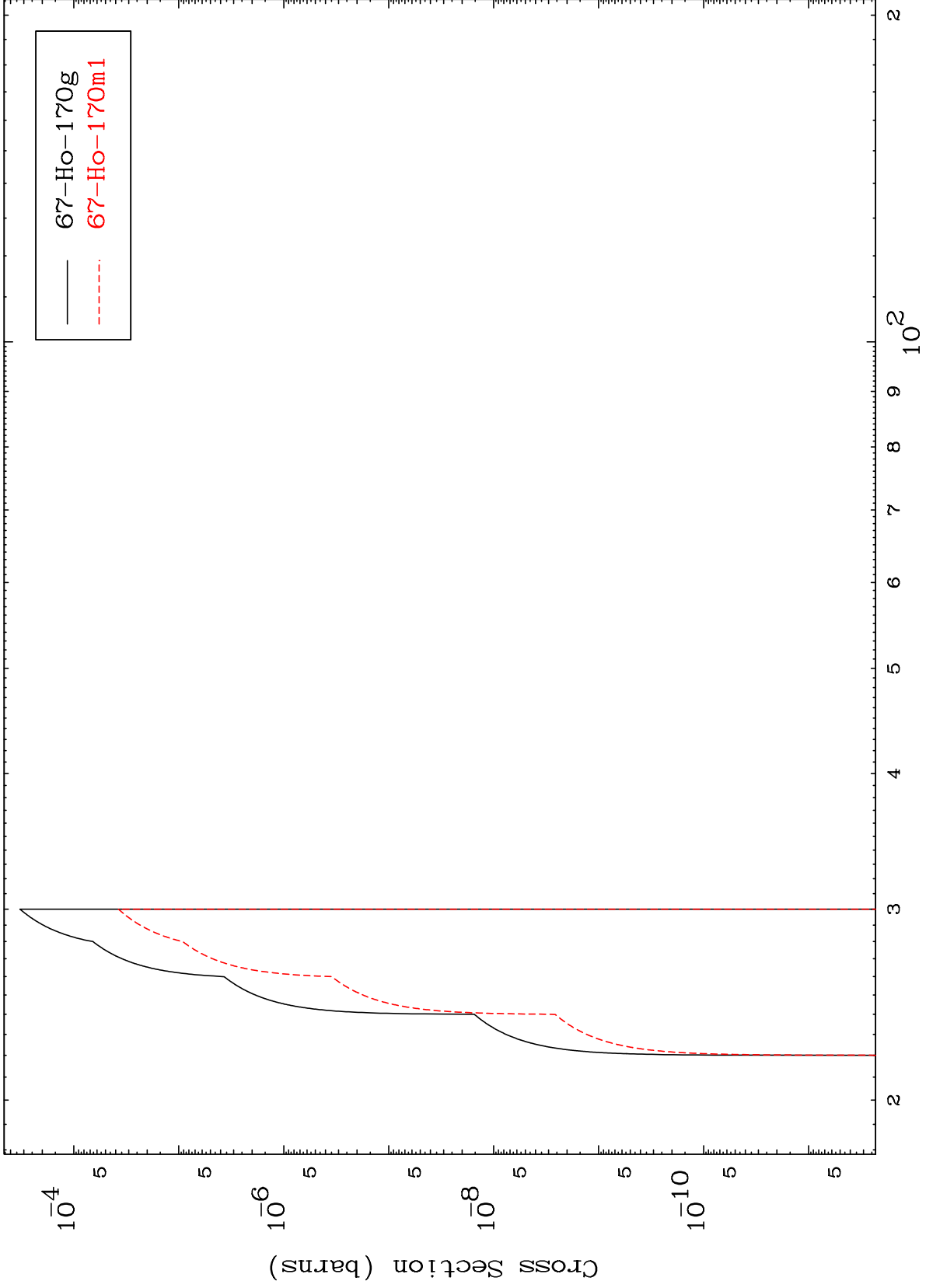
66-Dy-170

MAT 6667

( $\alpha, n'$ ) t

66-Dy-170

Radionuclide Production Cross Section



12

Incident Energy (MeV)

66-Dy-170