

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

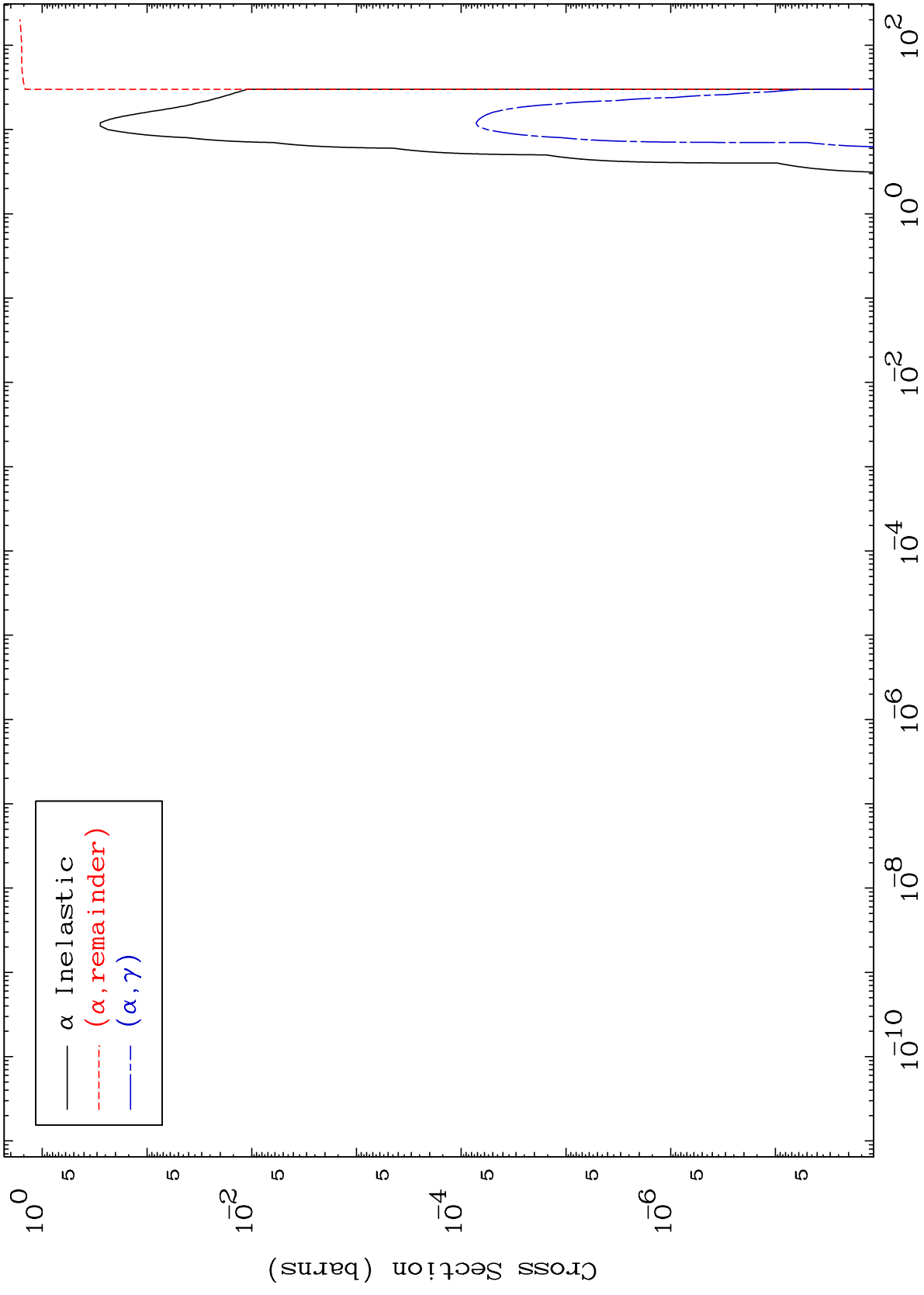
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2737

0 Kelvin  $\alpha$  Major  
Cross Sections

27-Co-63

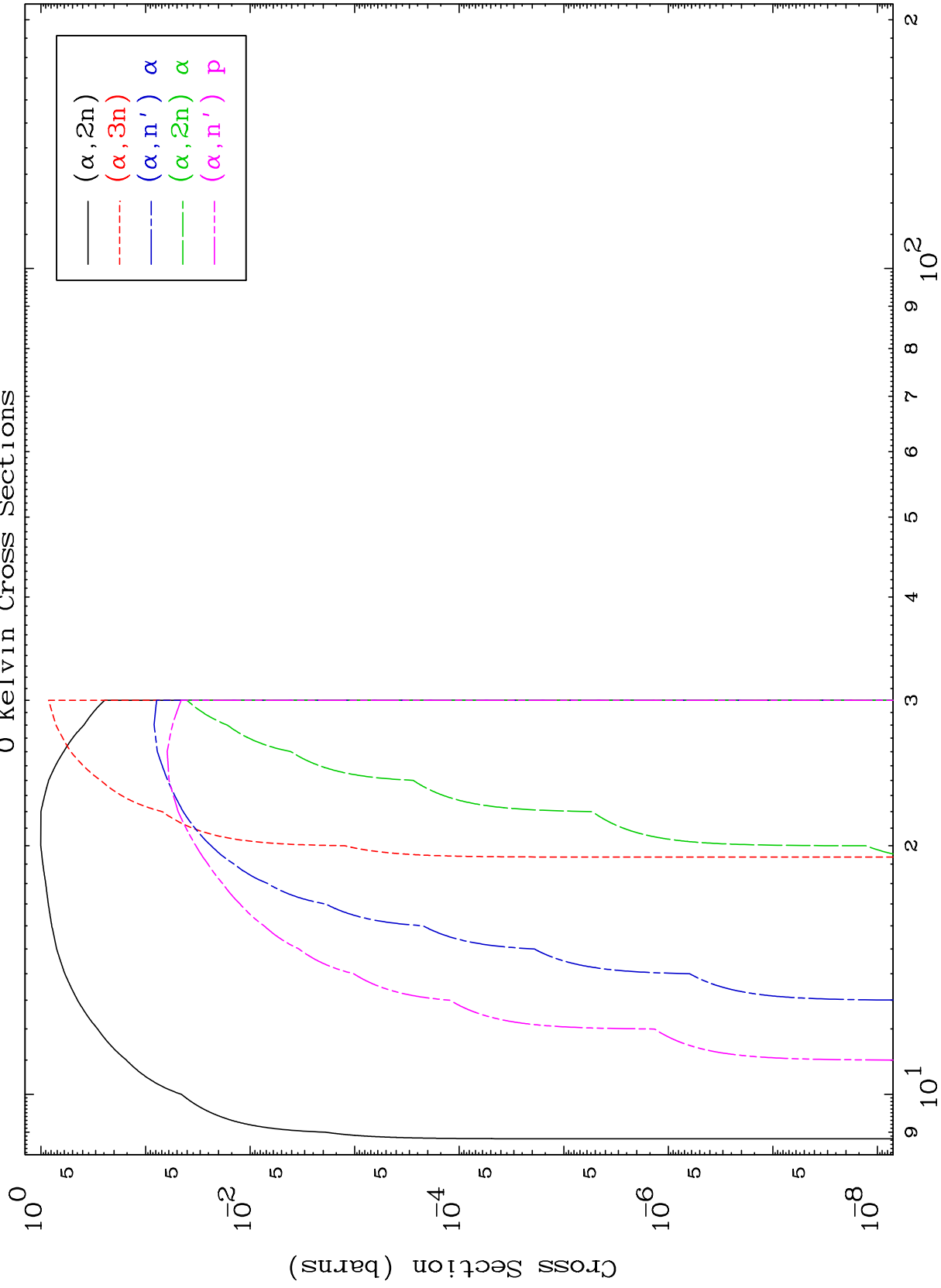


27-Co-63

MAT 2737

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

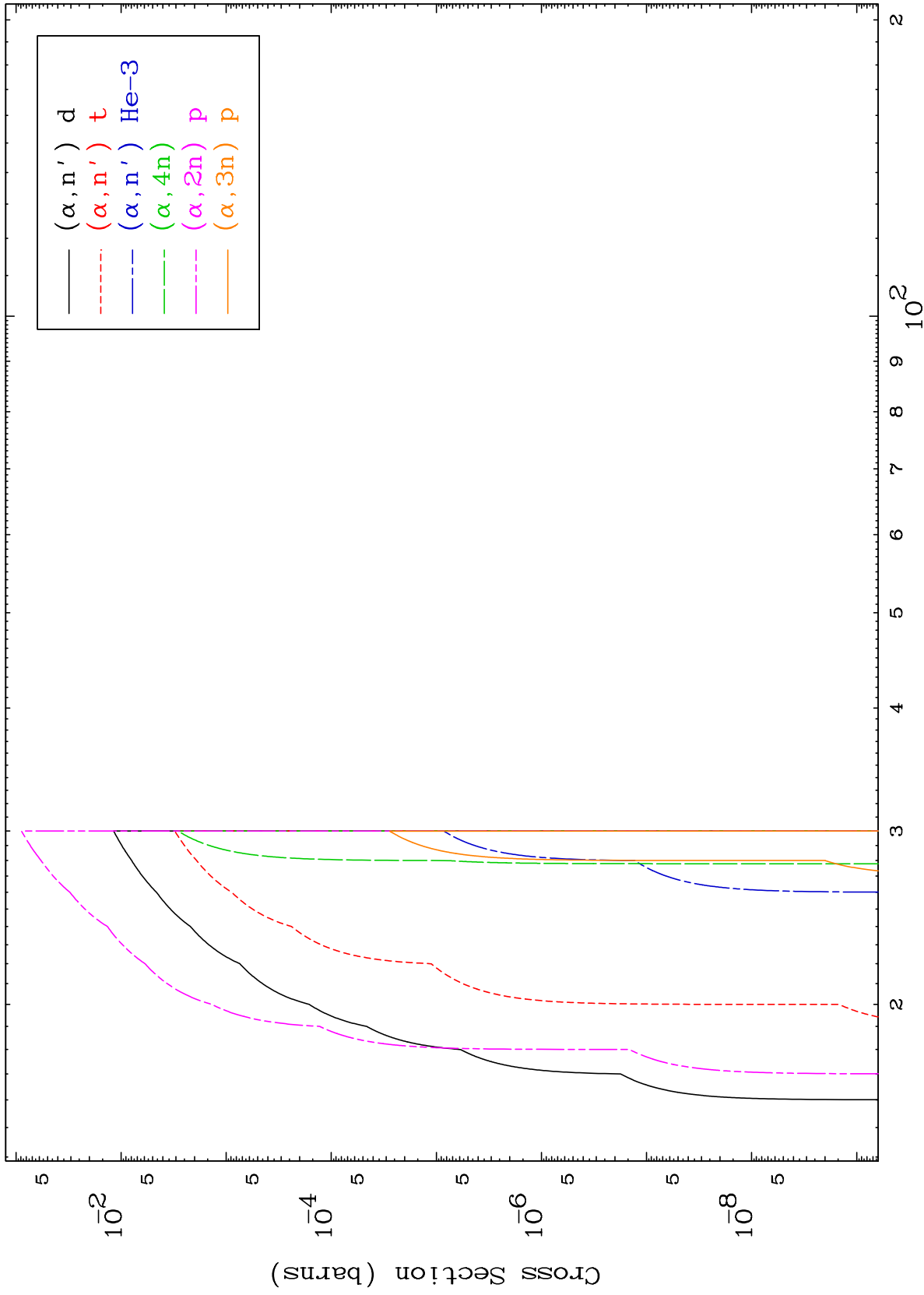
27-Co-63

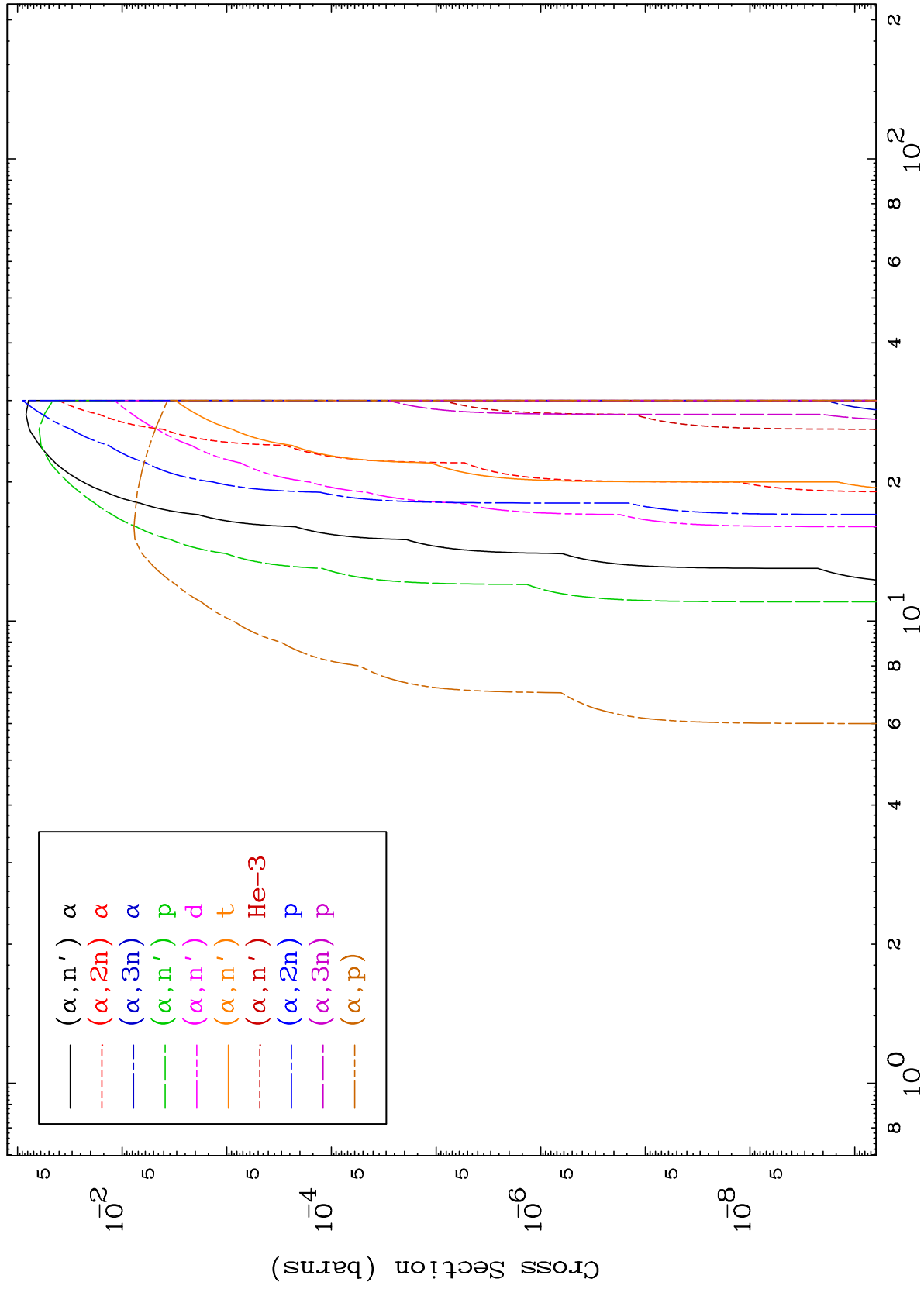


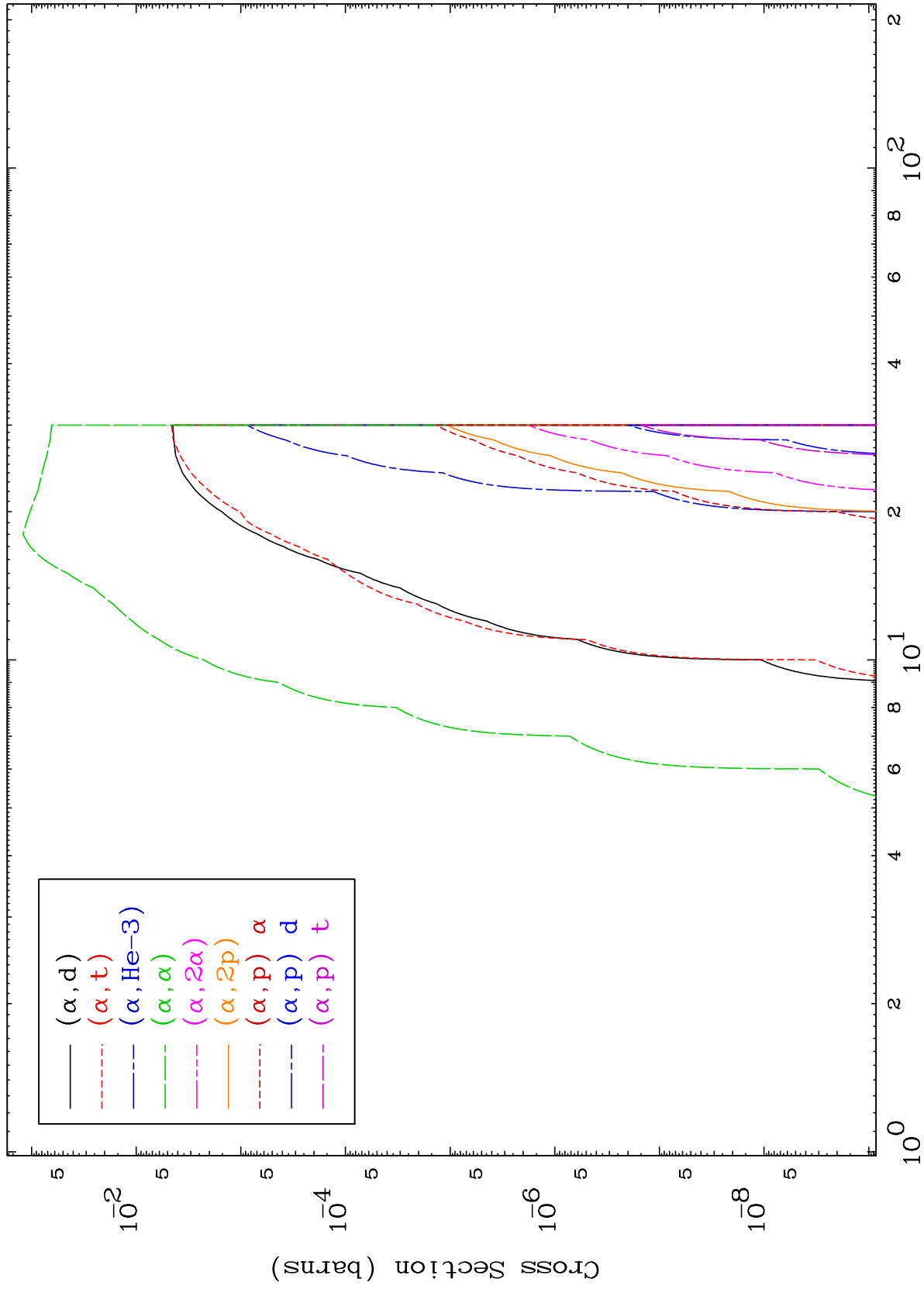
2

Incident Energy (MeV)

27-Co-63



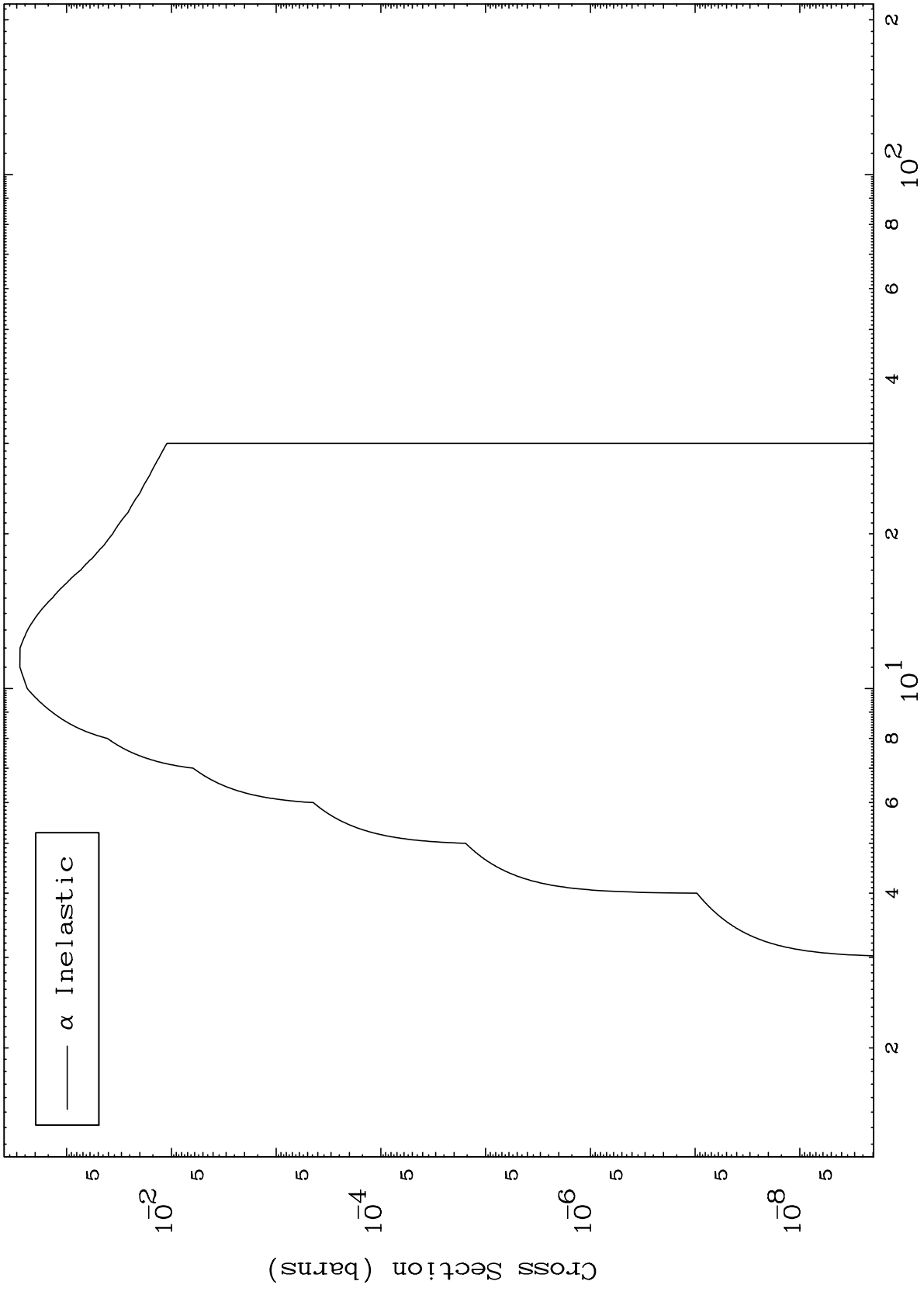




MAT 2737

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

27-Co-63



6

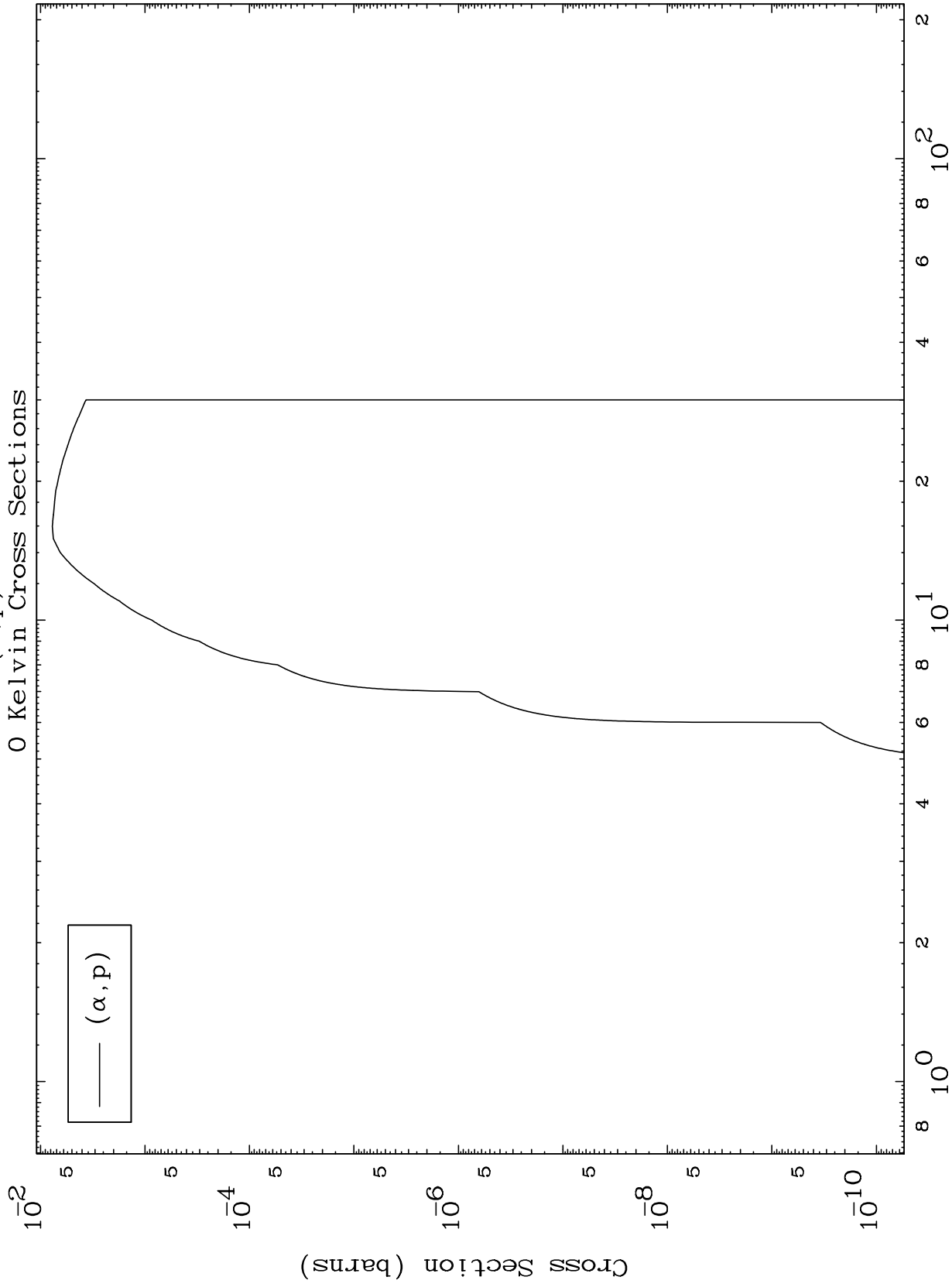
Incident Energy (MeV)

27-Co-63

MAT 2737

27-Co-63

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



7

Incident Energy (MeV)

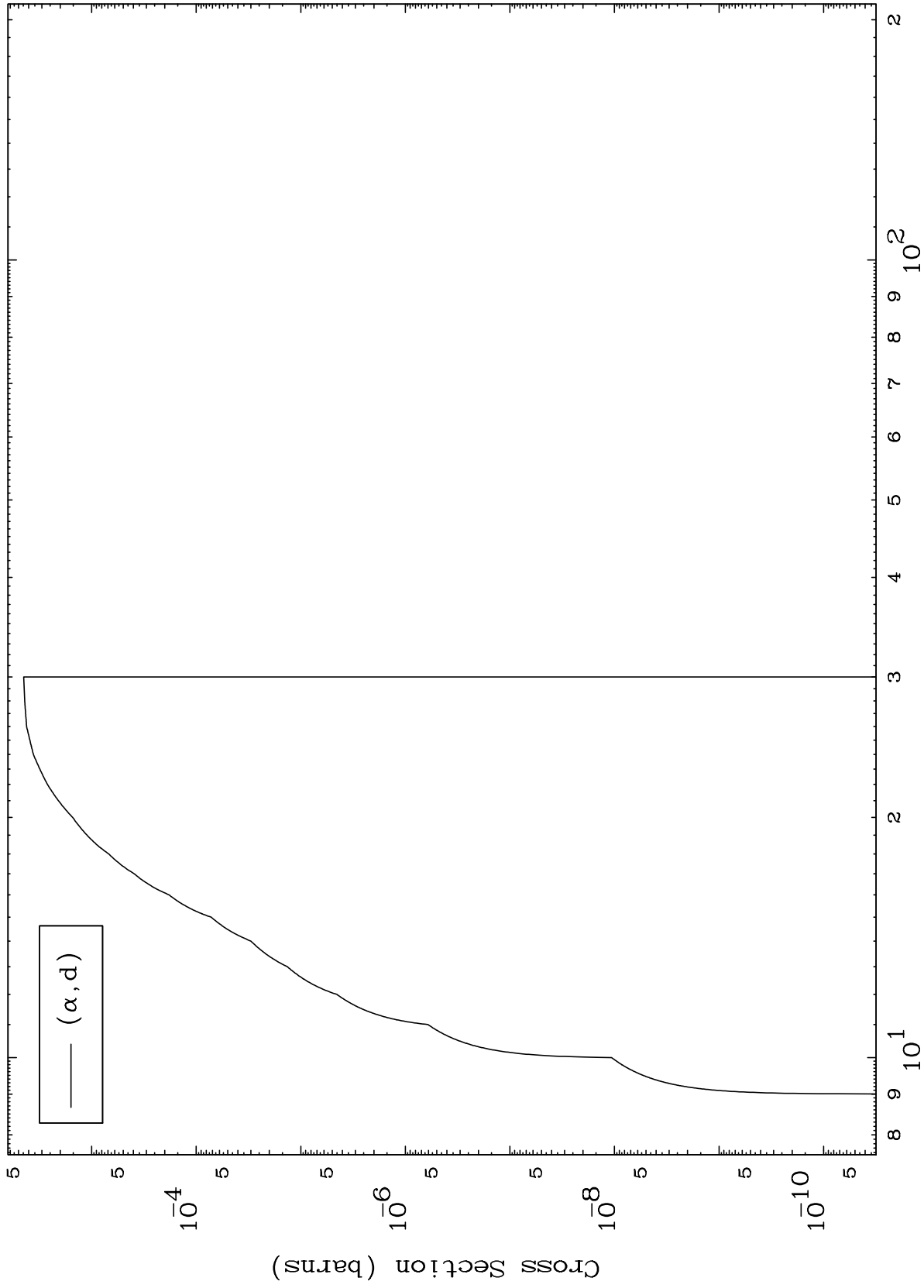
27-Co-63



MAT 2737

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

27-Co-63



8

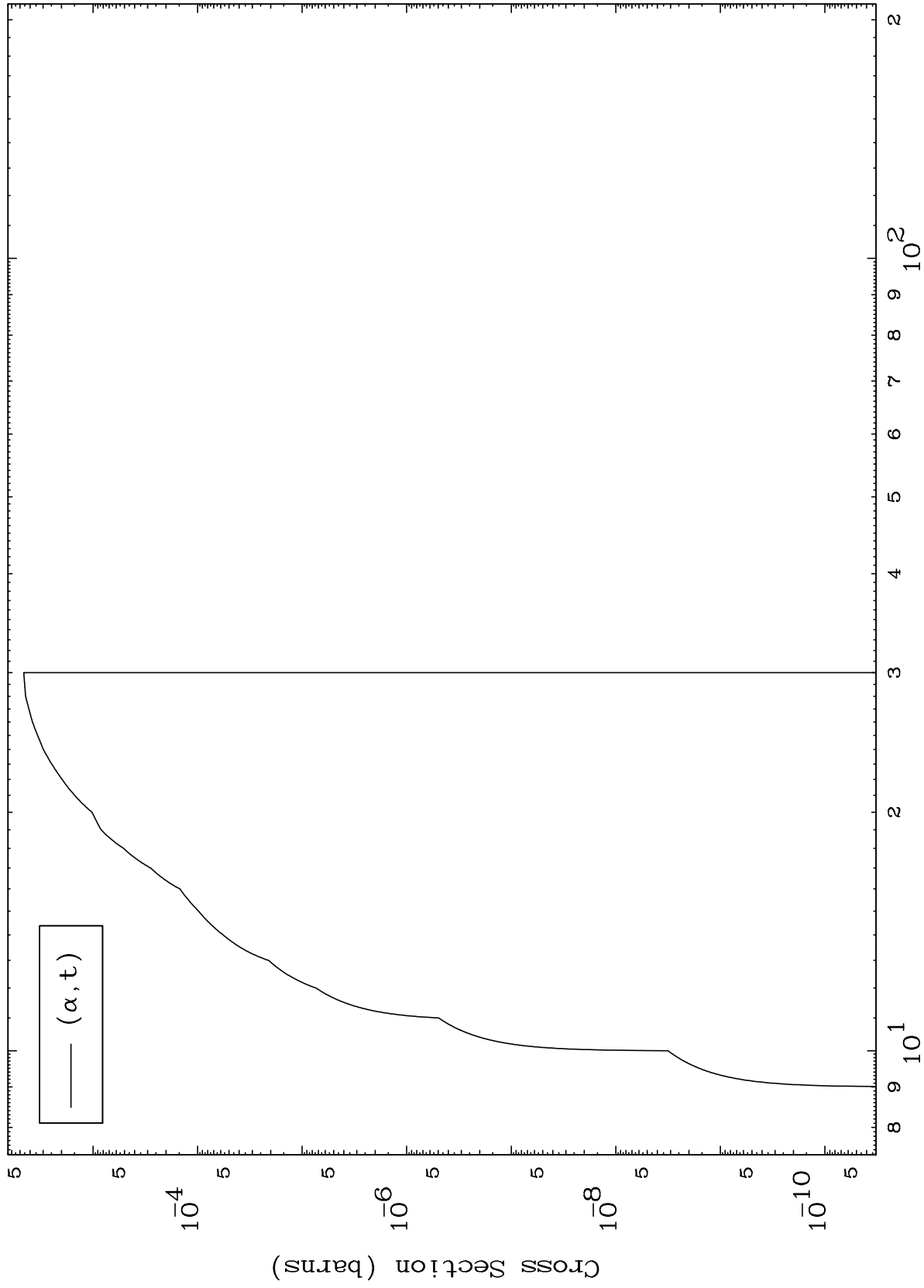
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



9

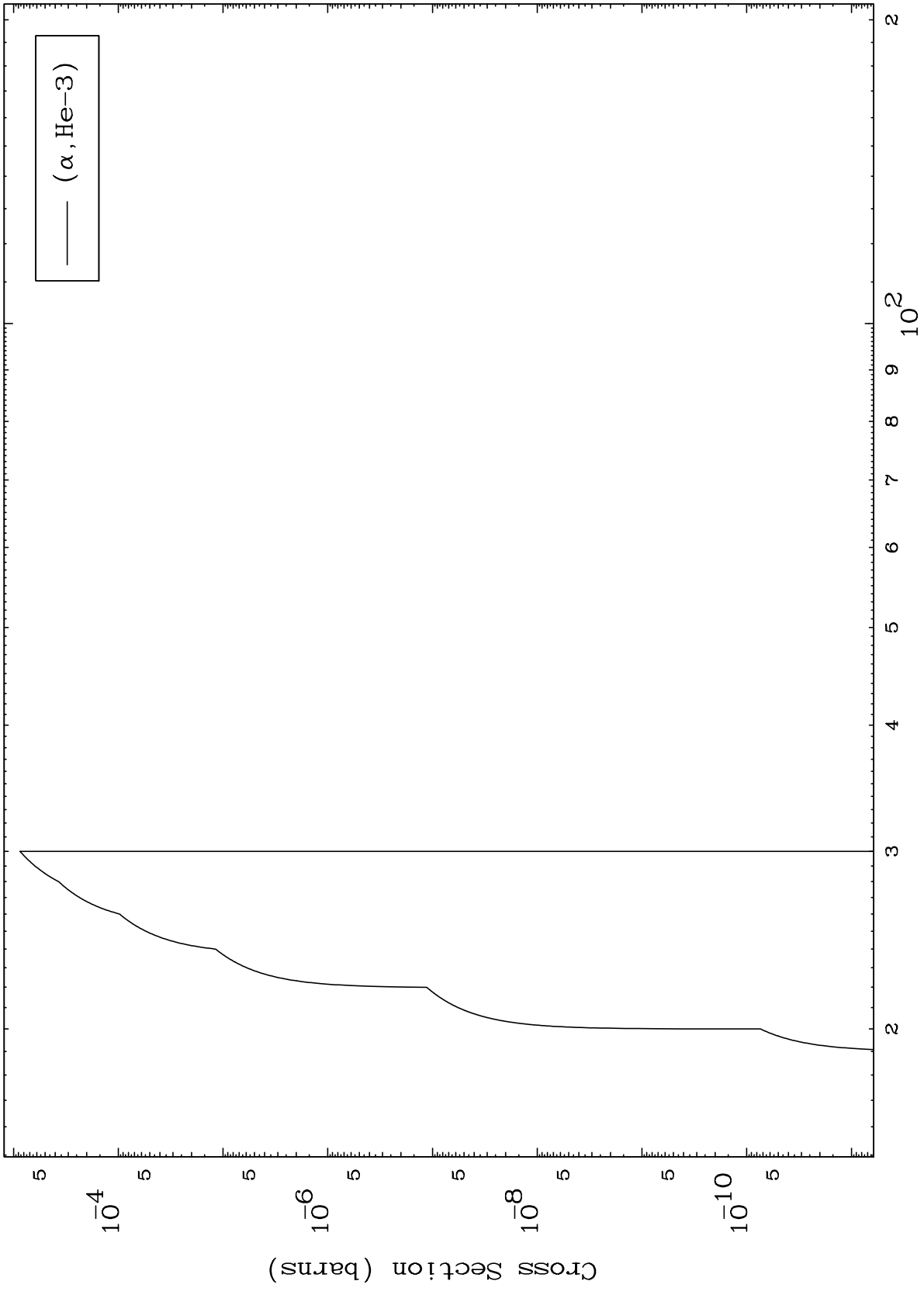
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



10

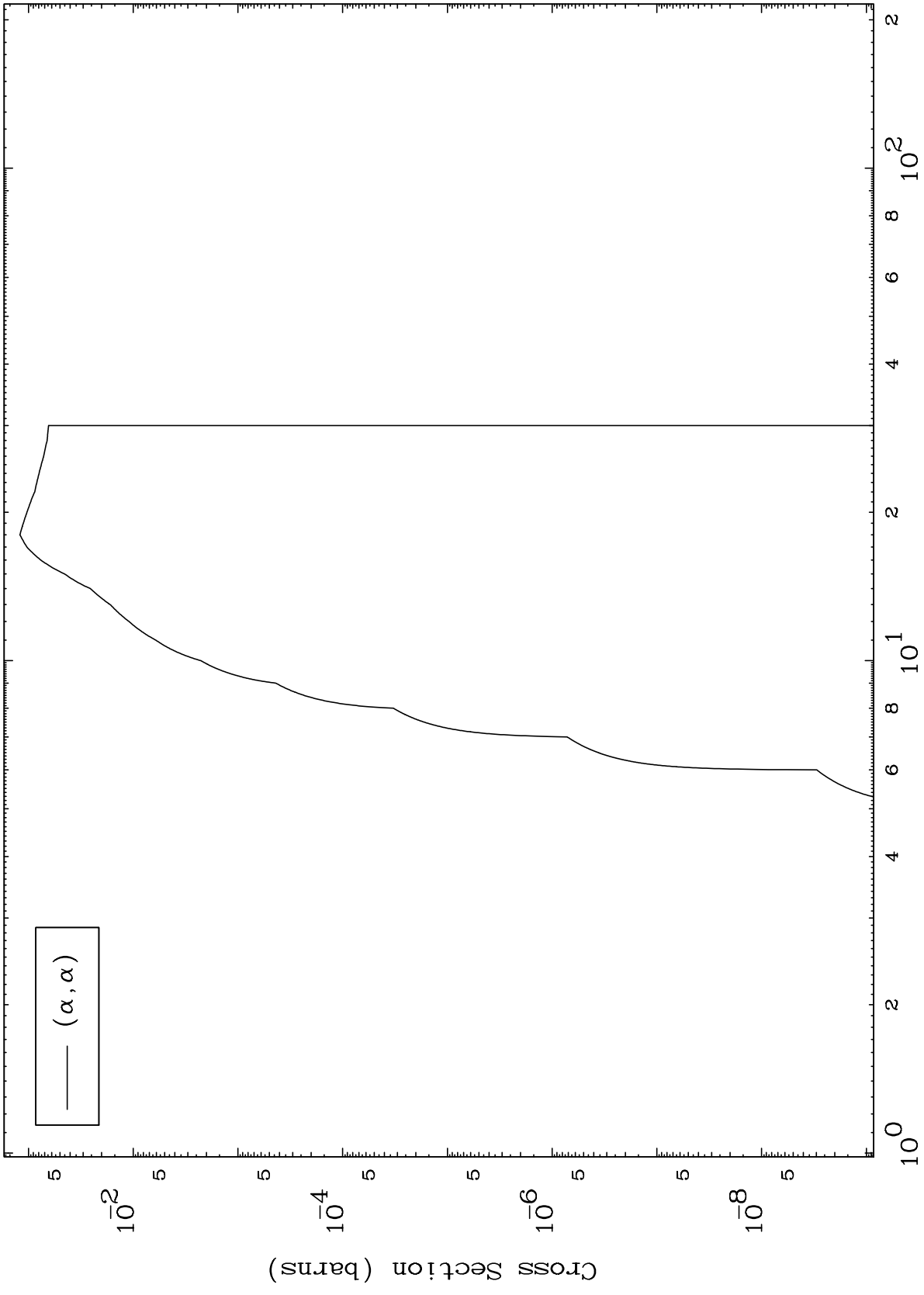
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



11

Incident Energy (MeV)

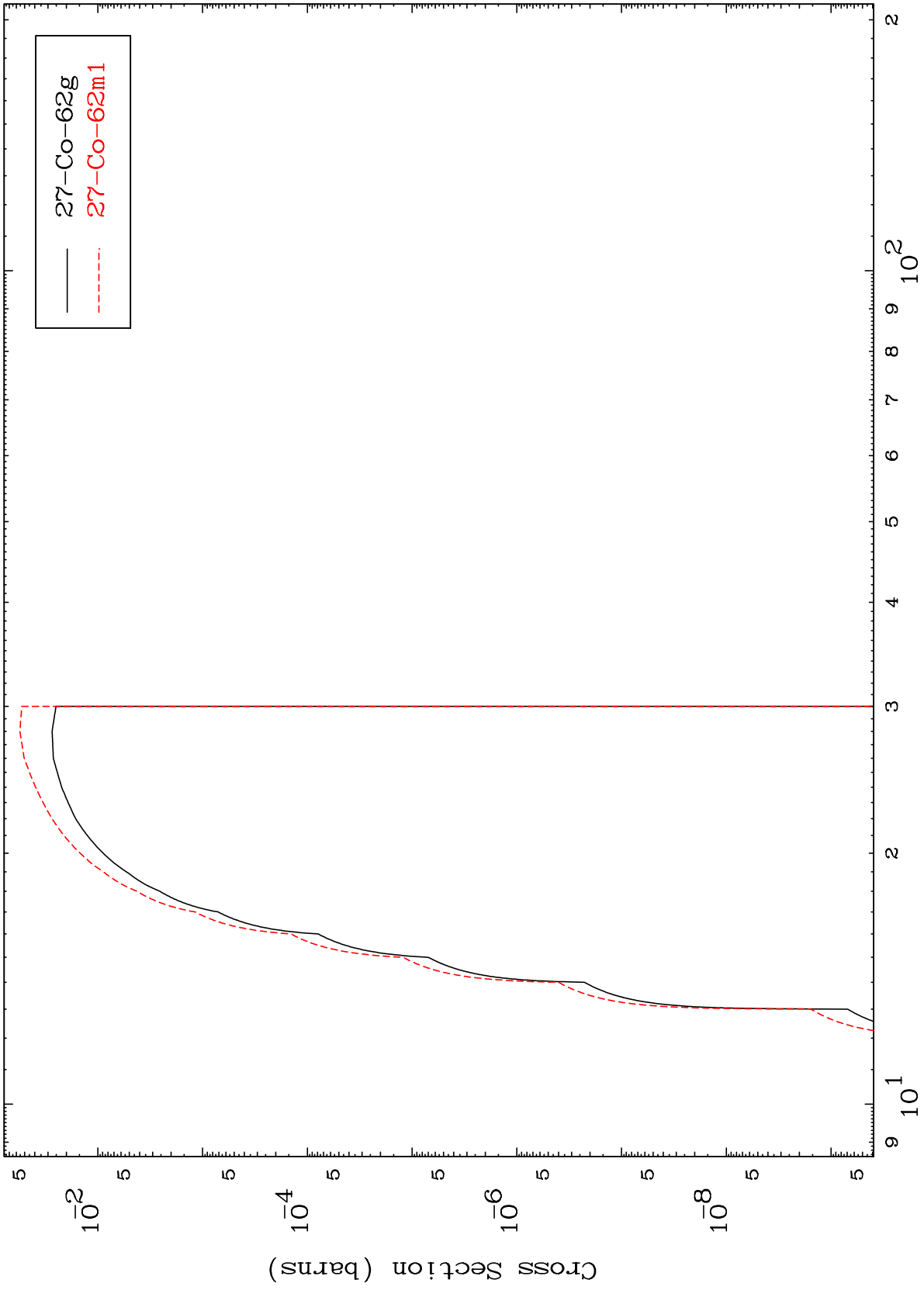
27-Co-63

MAT 2737

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

27-Co-63

Radionuclide Production Cross Section



12

Incident Energy (MeV)

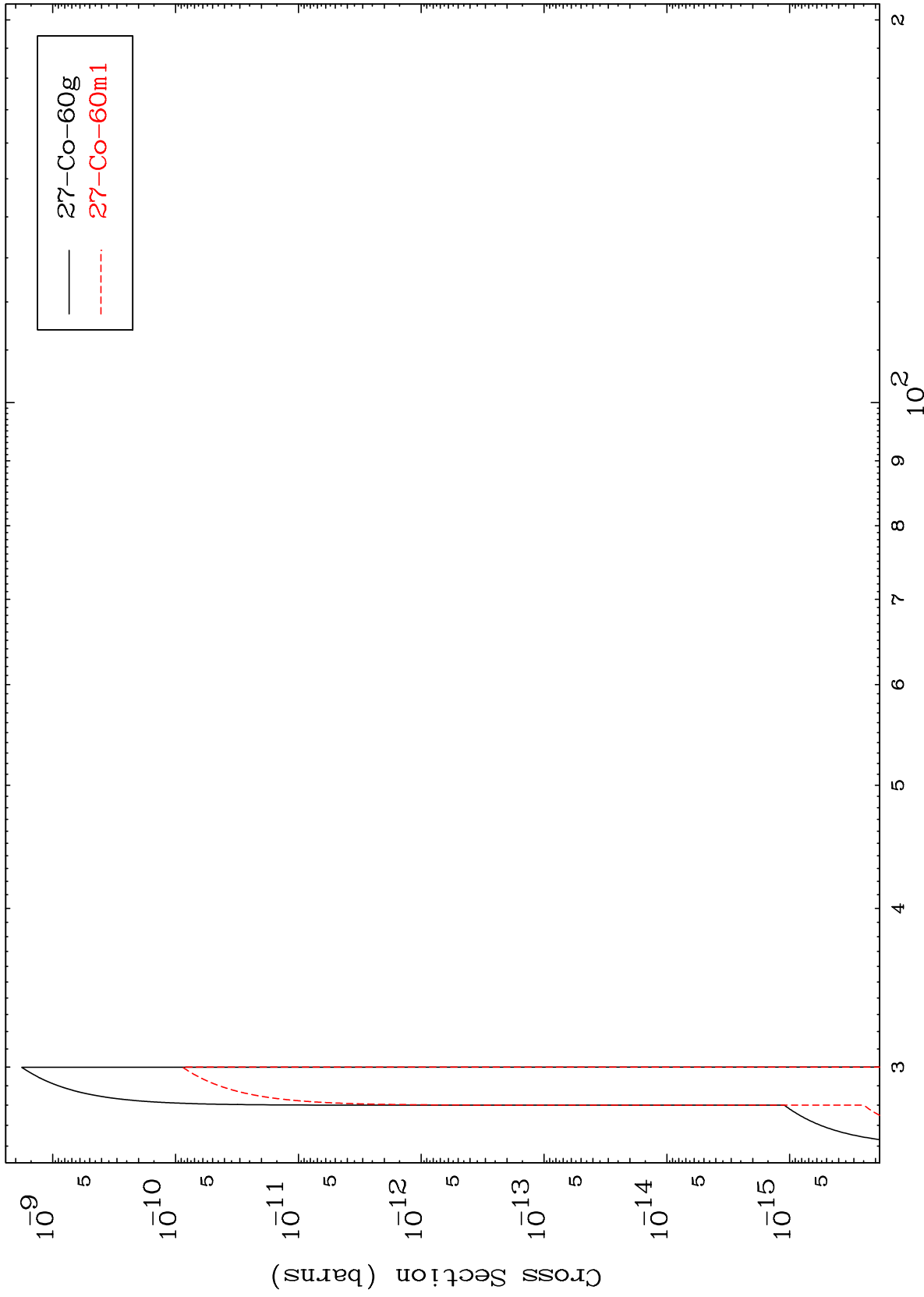
27-Co-63

MAT 2737

$(\alpha, 3n) \alpha$

27-Co-63

Radionuclide Production Cross Section



13

Incident Energy (MeV)

27-Co-63