

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

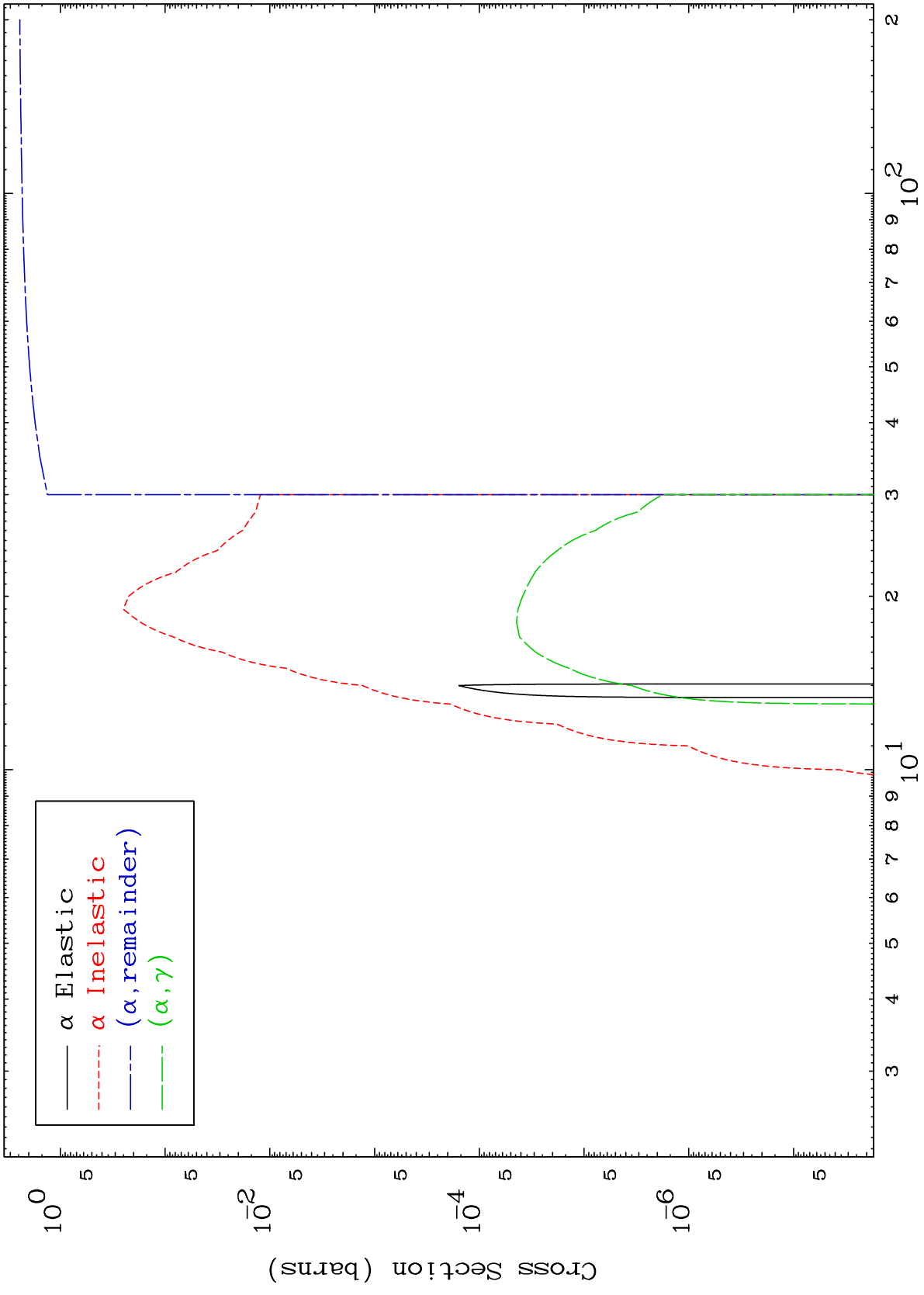
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6322

0 Kelvin  $\alpha$  Major

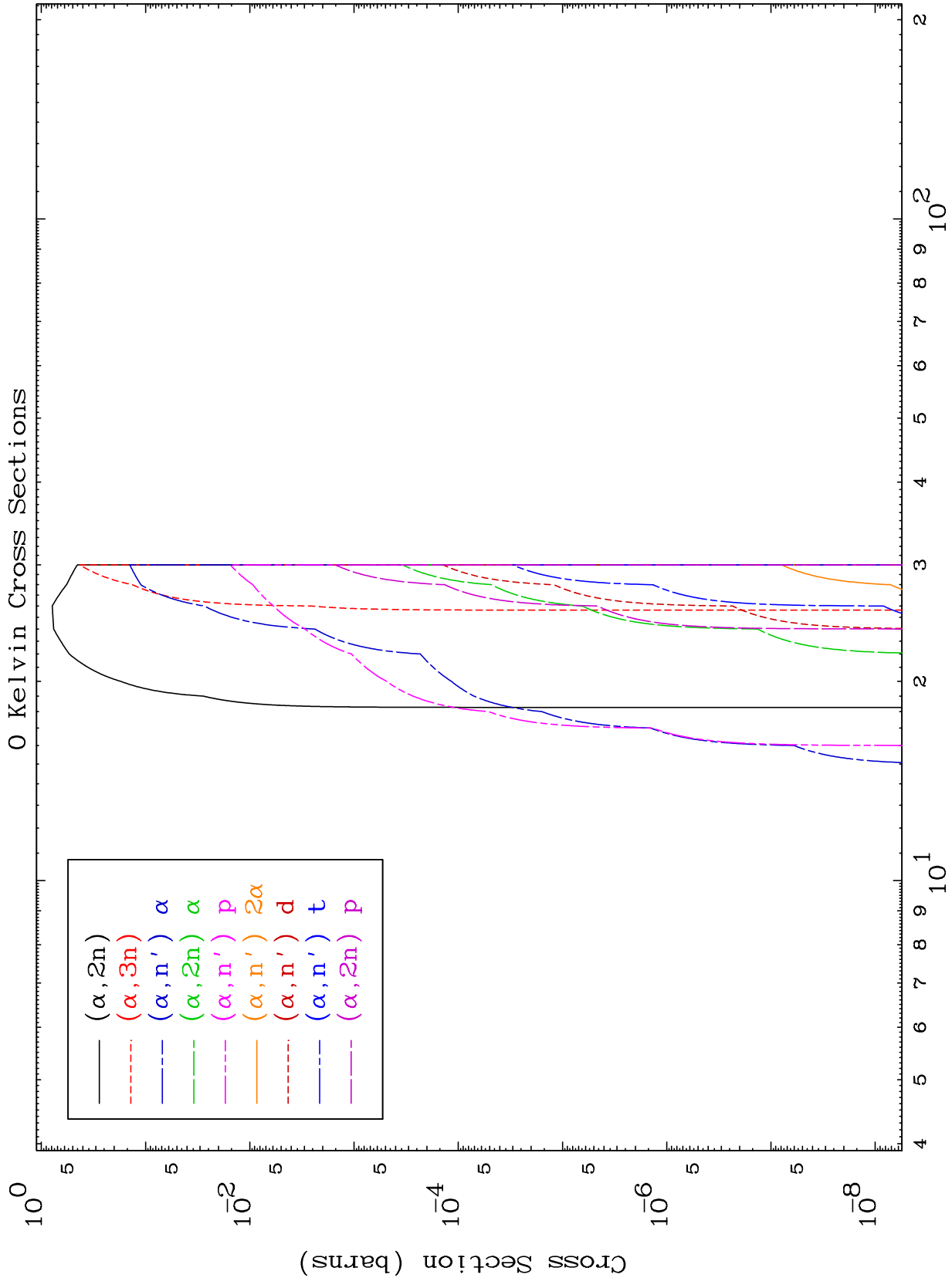
63-Eu-150



MAT 6322

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

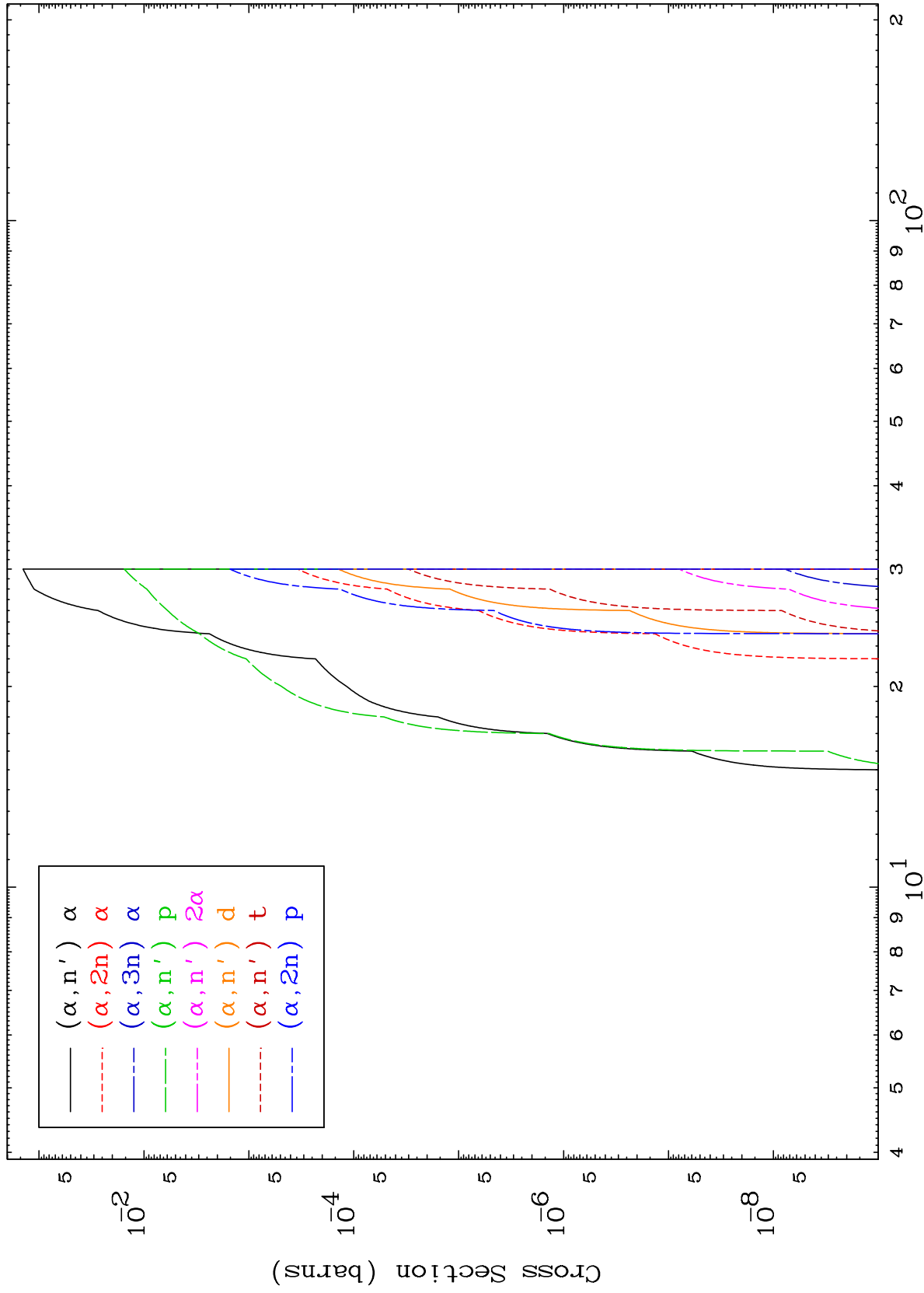
63-Eu-150

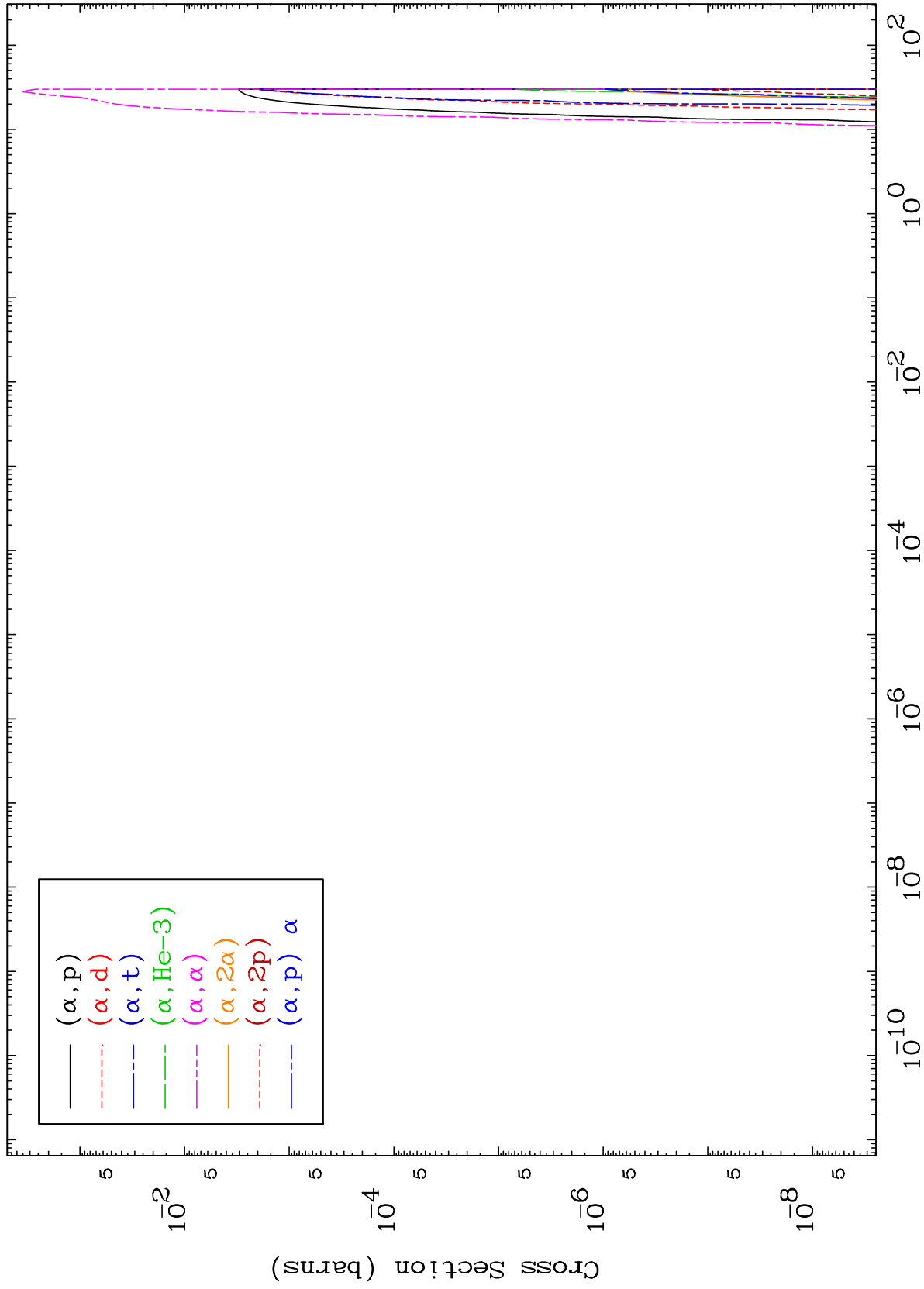


2

Incident Energy (MeV)

63-Eu-150

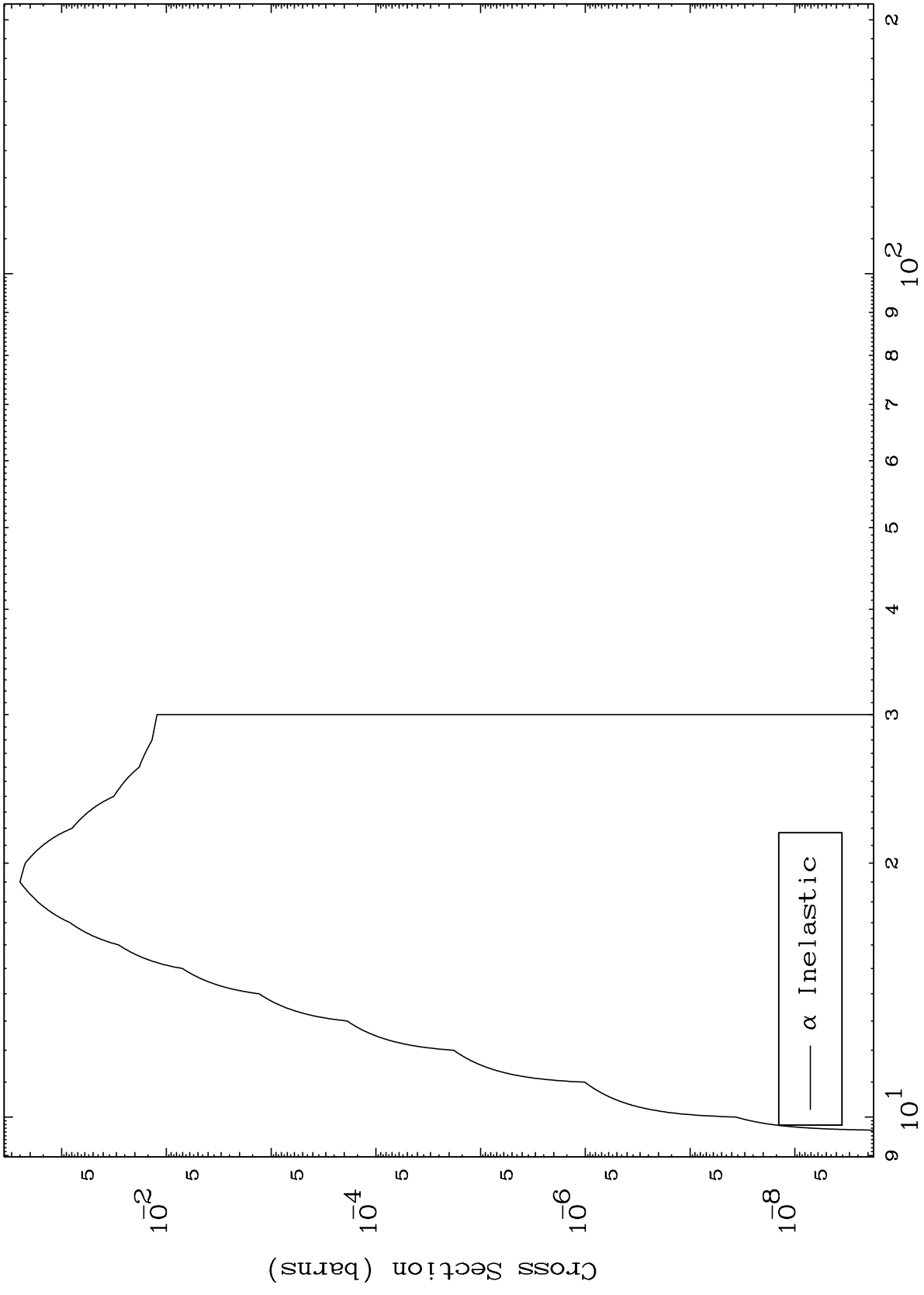




MAT 6322

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

63-Eu-150



5

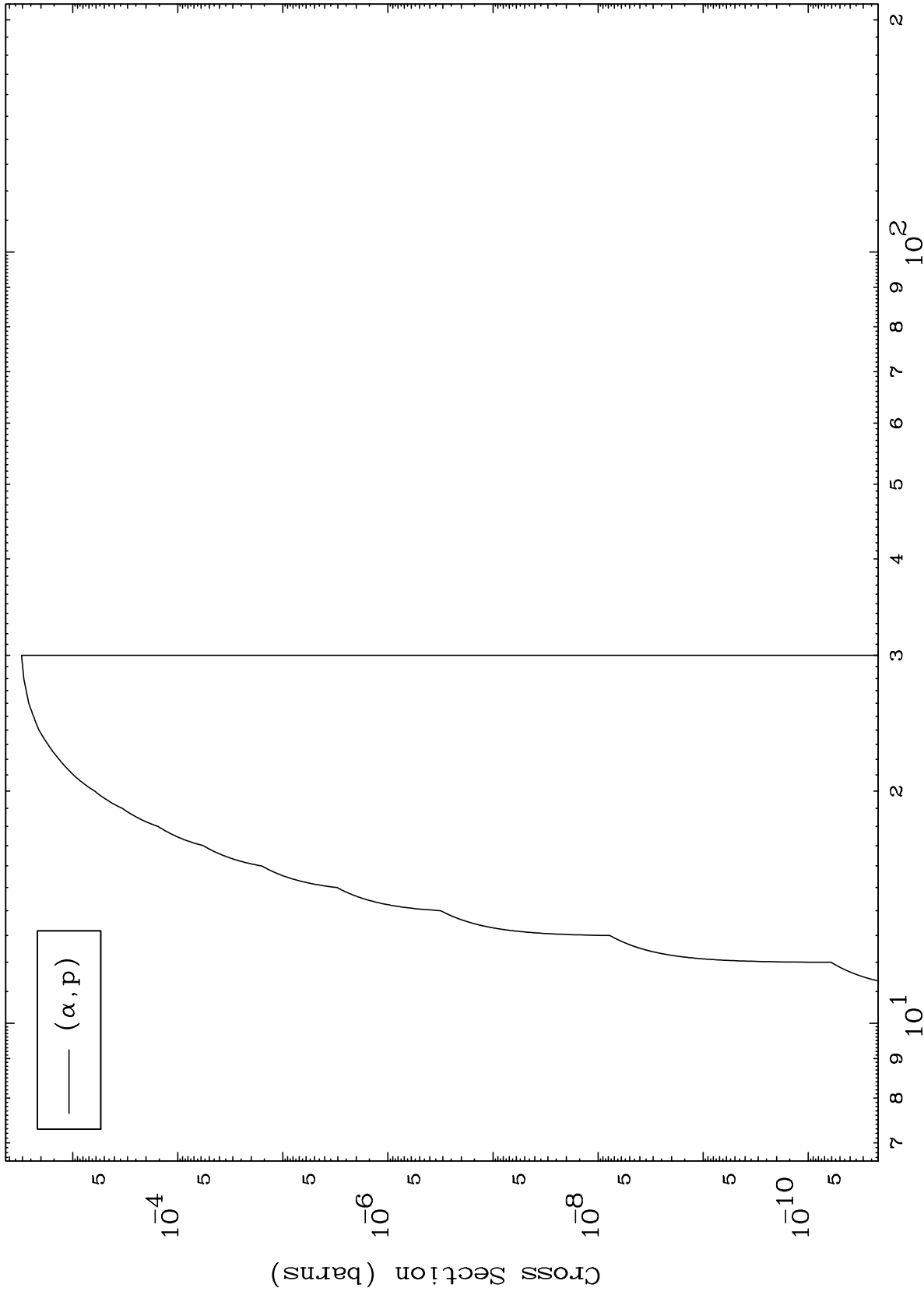
Incident Energy (MeV)

63-Eu-150

MAT 6322

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

63-Eu-150



6

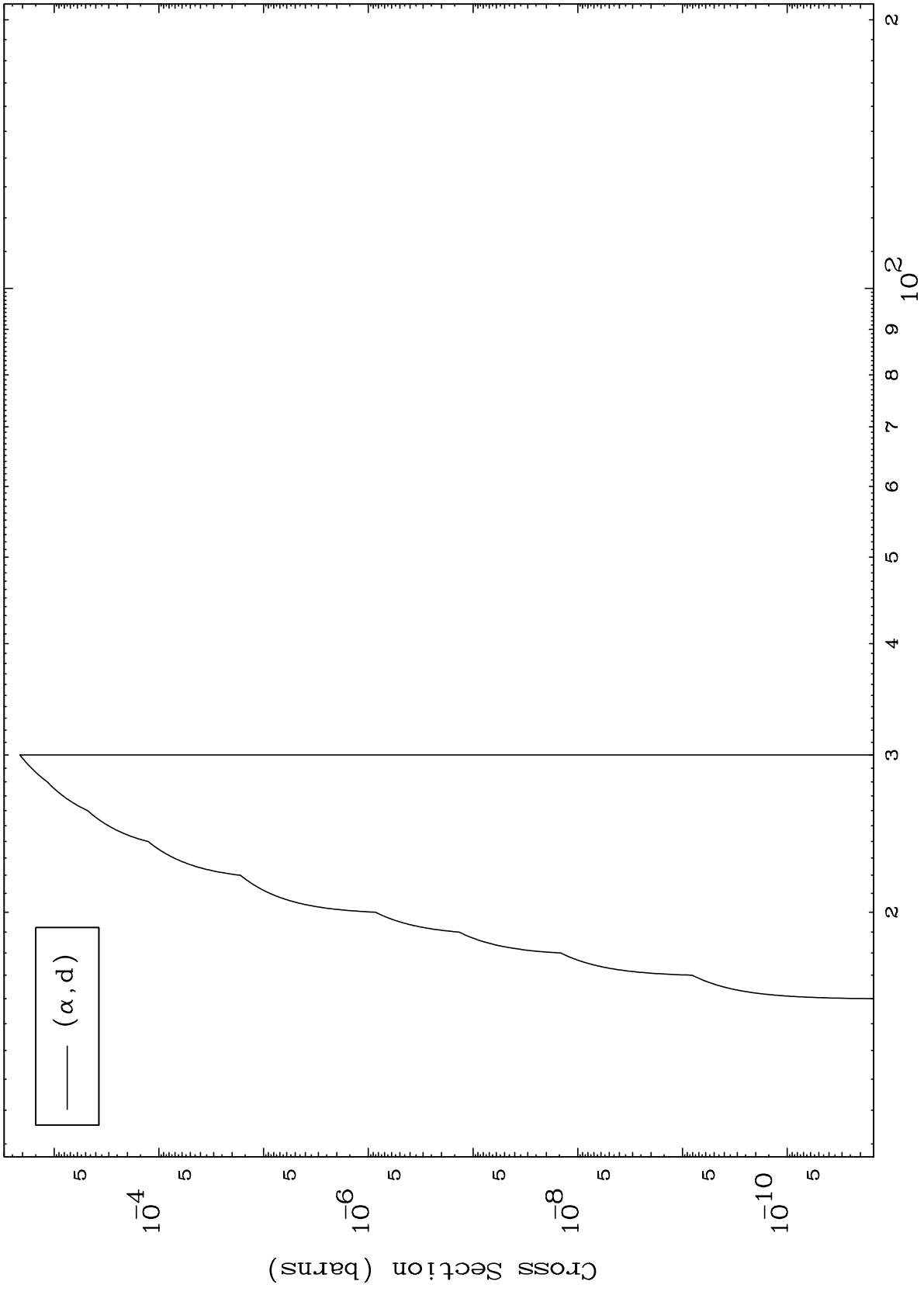
Incident Energy (MeV)

63-Eu-150

MAT 6322

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

63-Eu-150



7

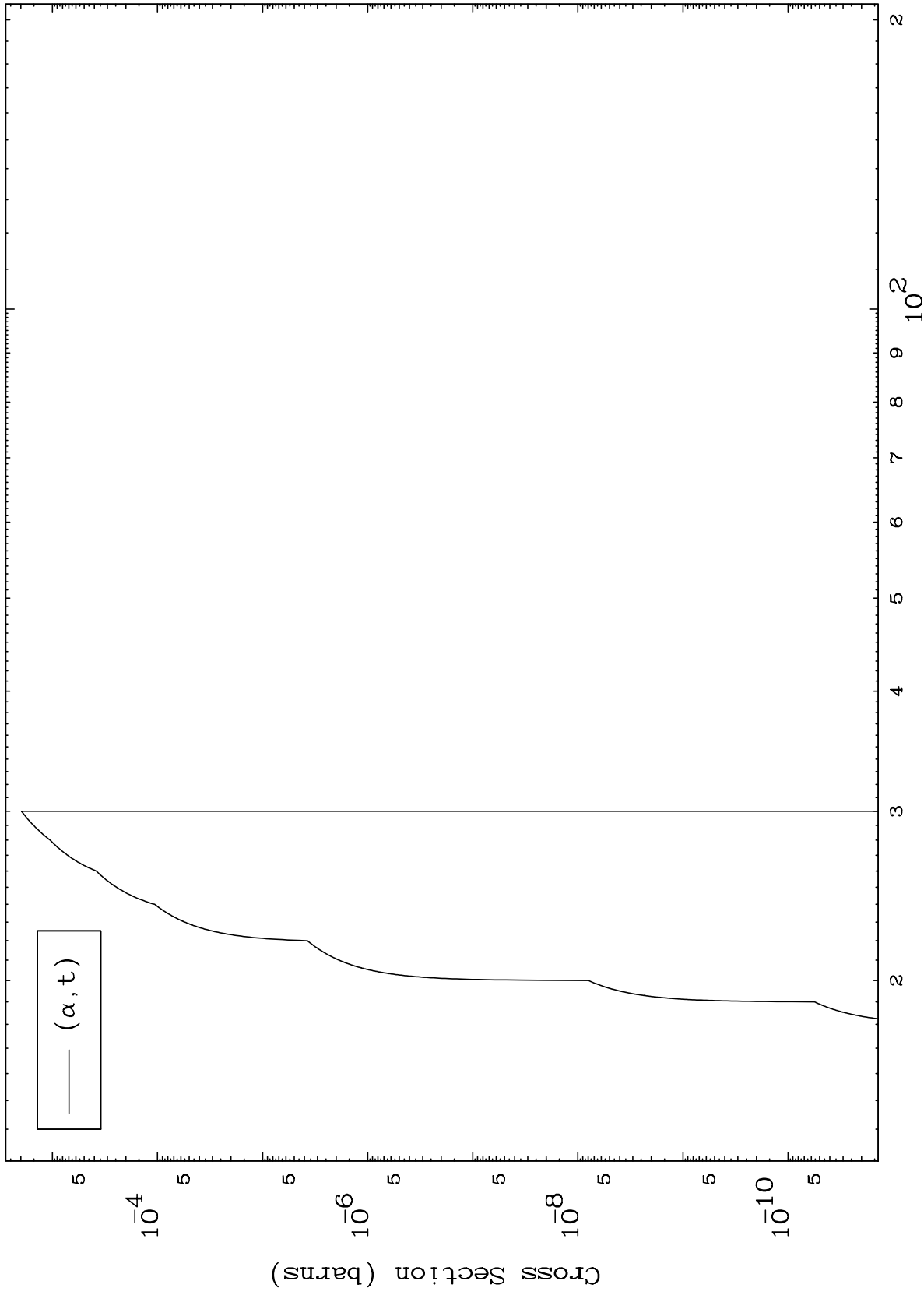
Incident Energy (MeV)

63-Eu-150

MAT 6322

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

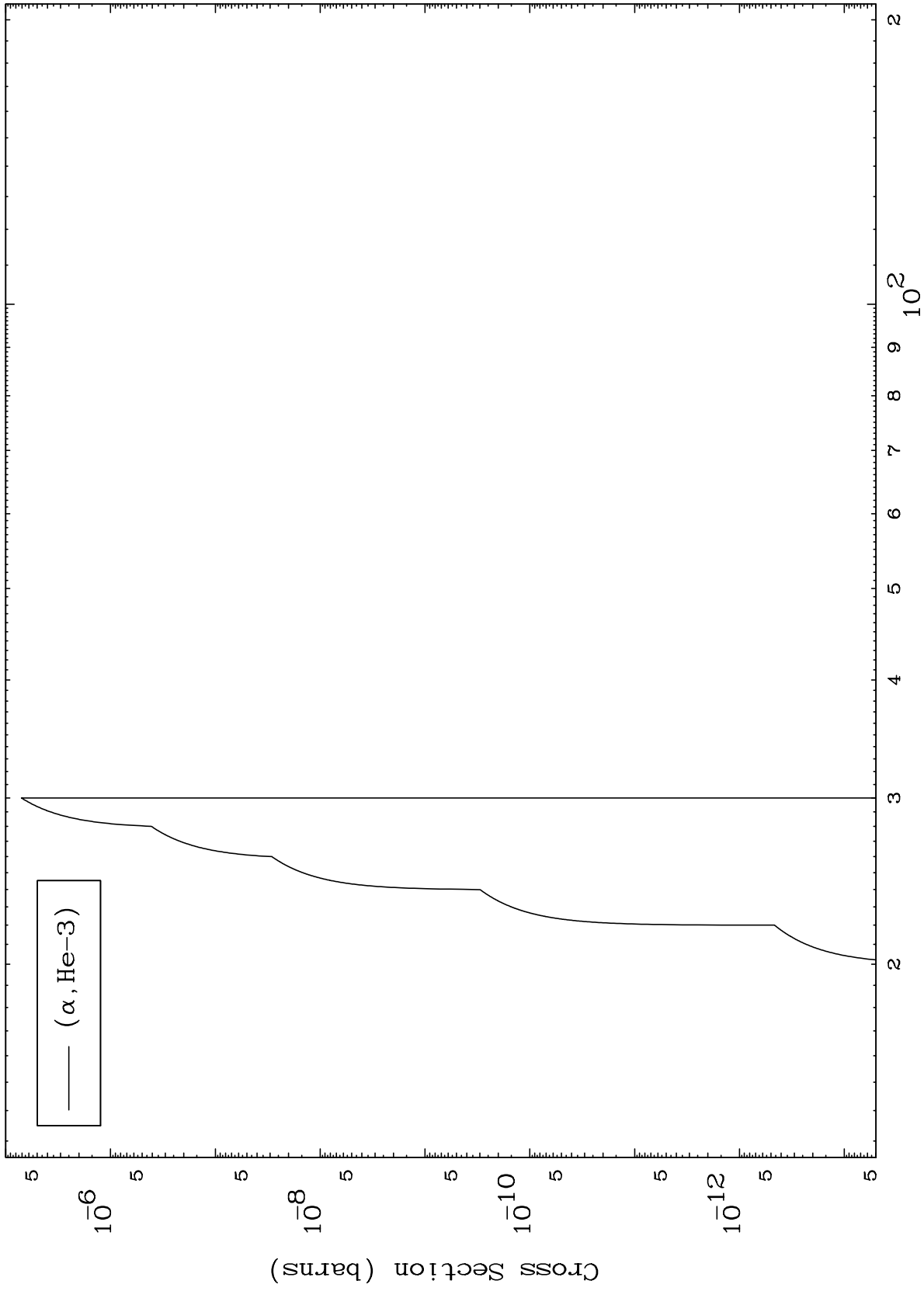
63-Eu-150



8

Incident Energy (MeV)

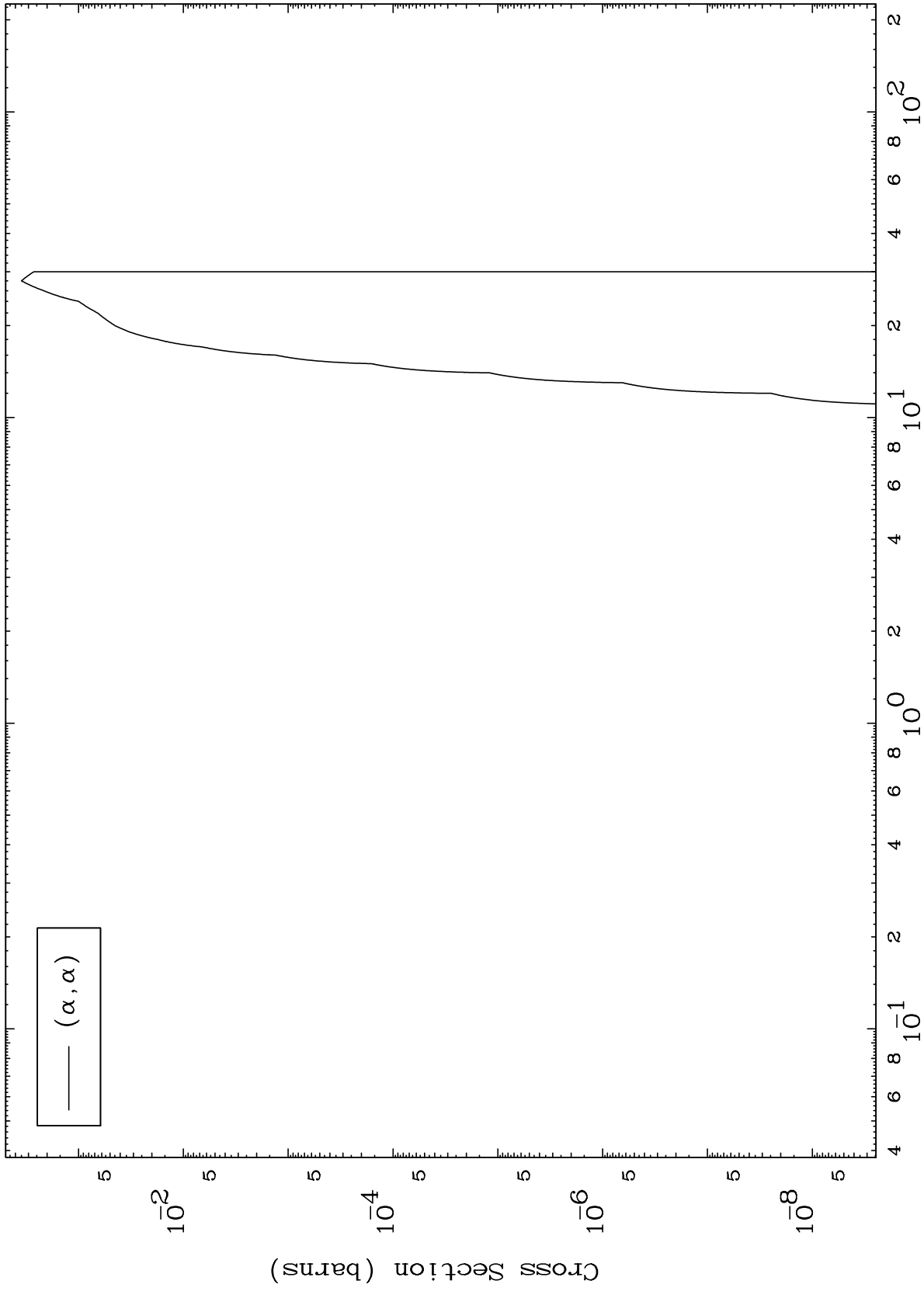
63-Eu-150



MAT 6322

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

63-Eu-150



10

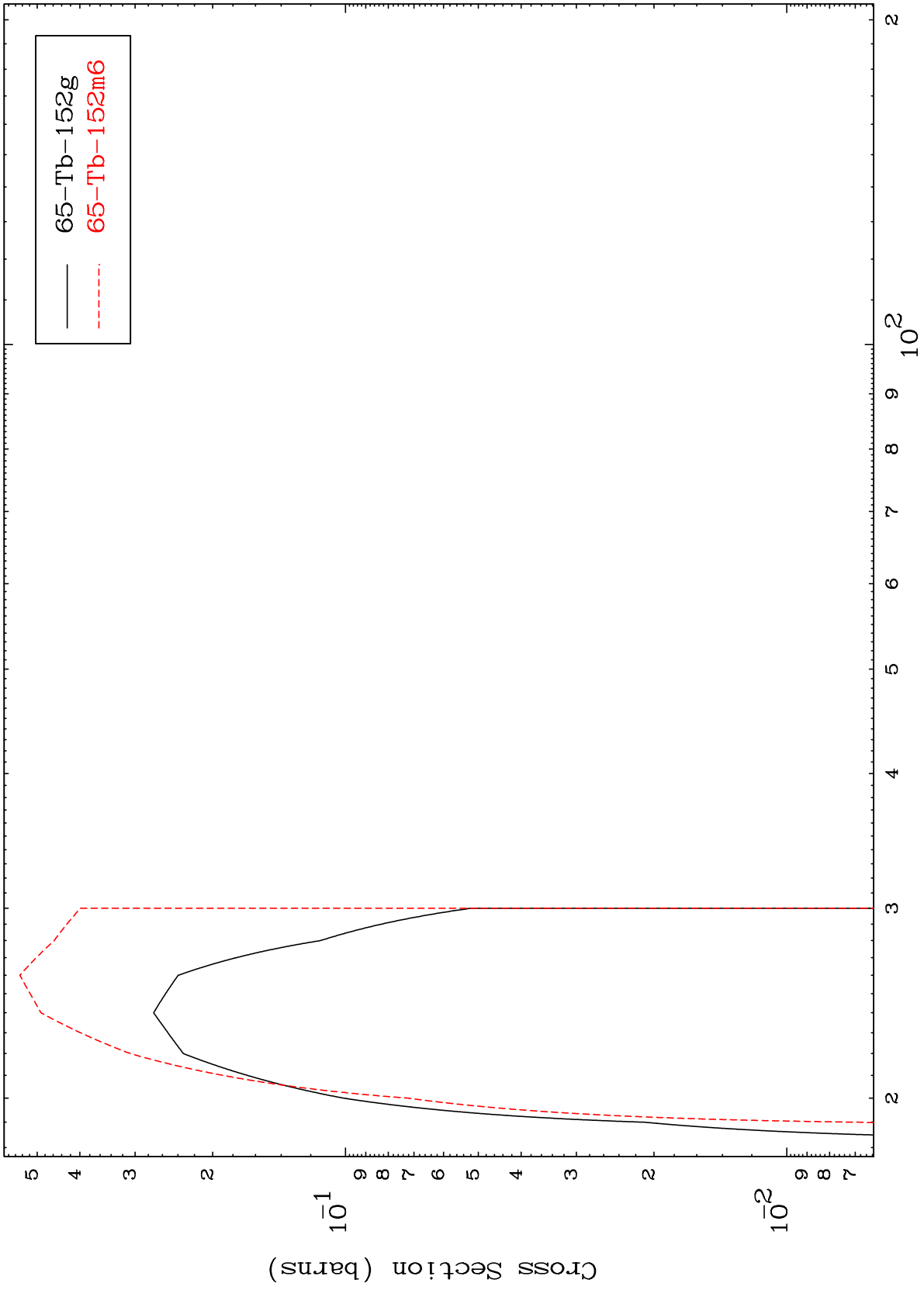
Incident Energy (MeV)

63-Eu-150

MAT 6322

63-Eu-150

( $\alpha, 2n$ )  
Radionuclide Production Cross Section



11

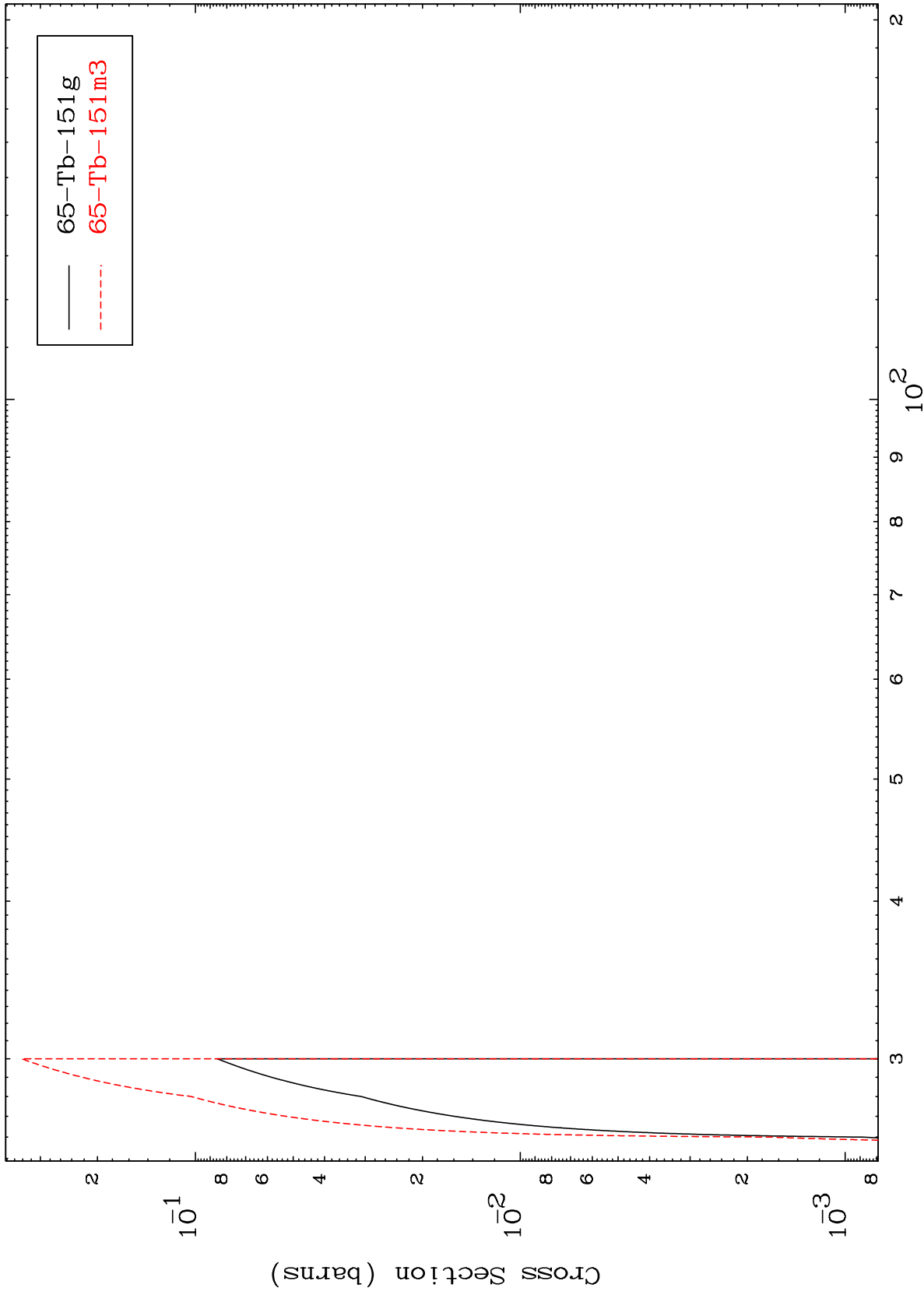
63-Eu-150

Incident Energy (MeV)

MAT 6322

63-Eu-150

( $\alpha, 3n$ )  
Radionuclide Production Cross Section



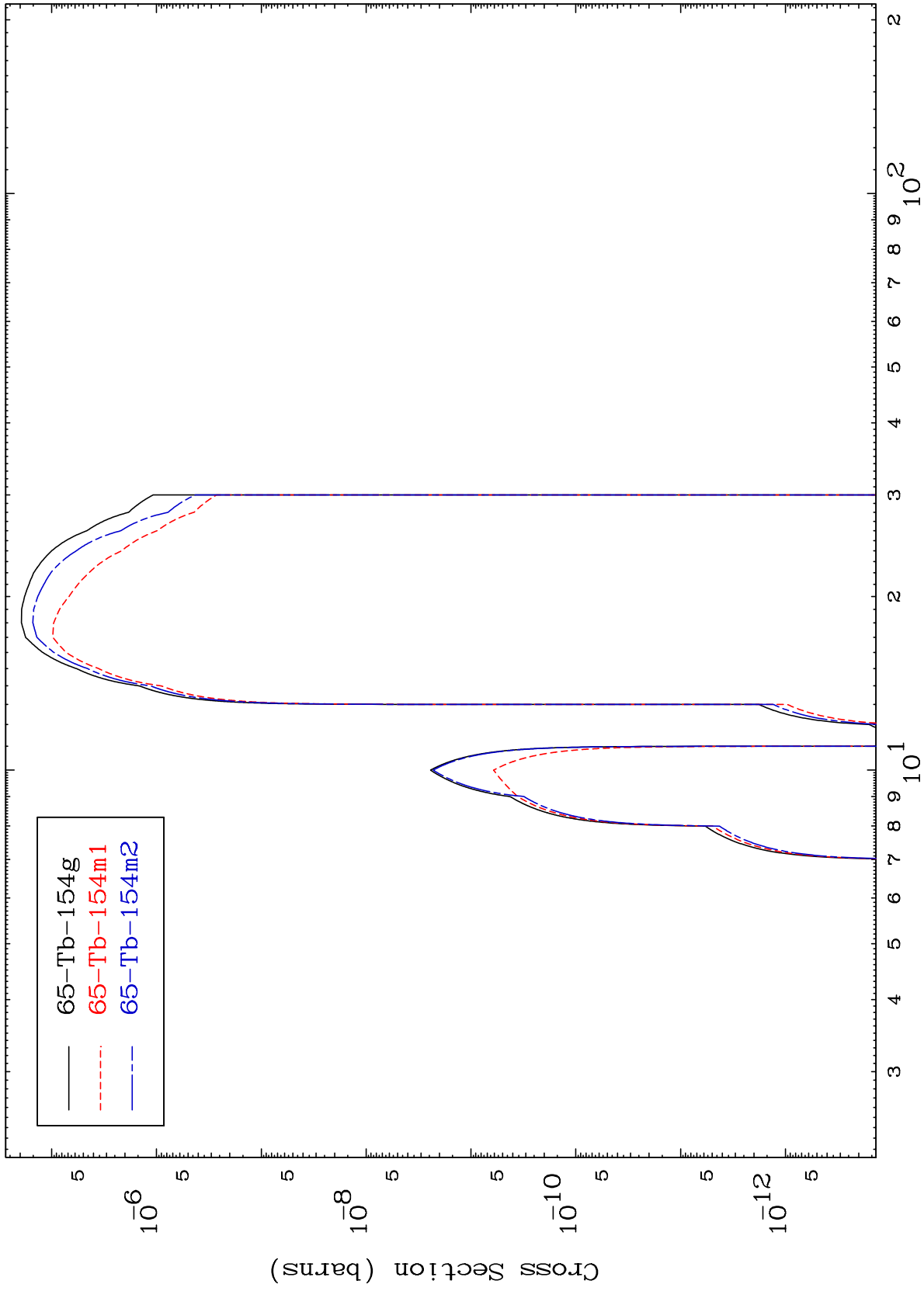
12

63-Eu-150

MAT 6322

63-Eu-150

$(\alpha, \gamma)$   
Radionuclide Production Cross Section



13

Incident Energy (MeV)

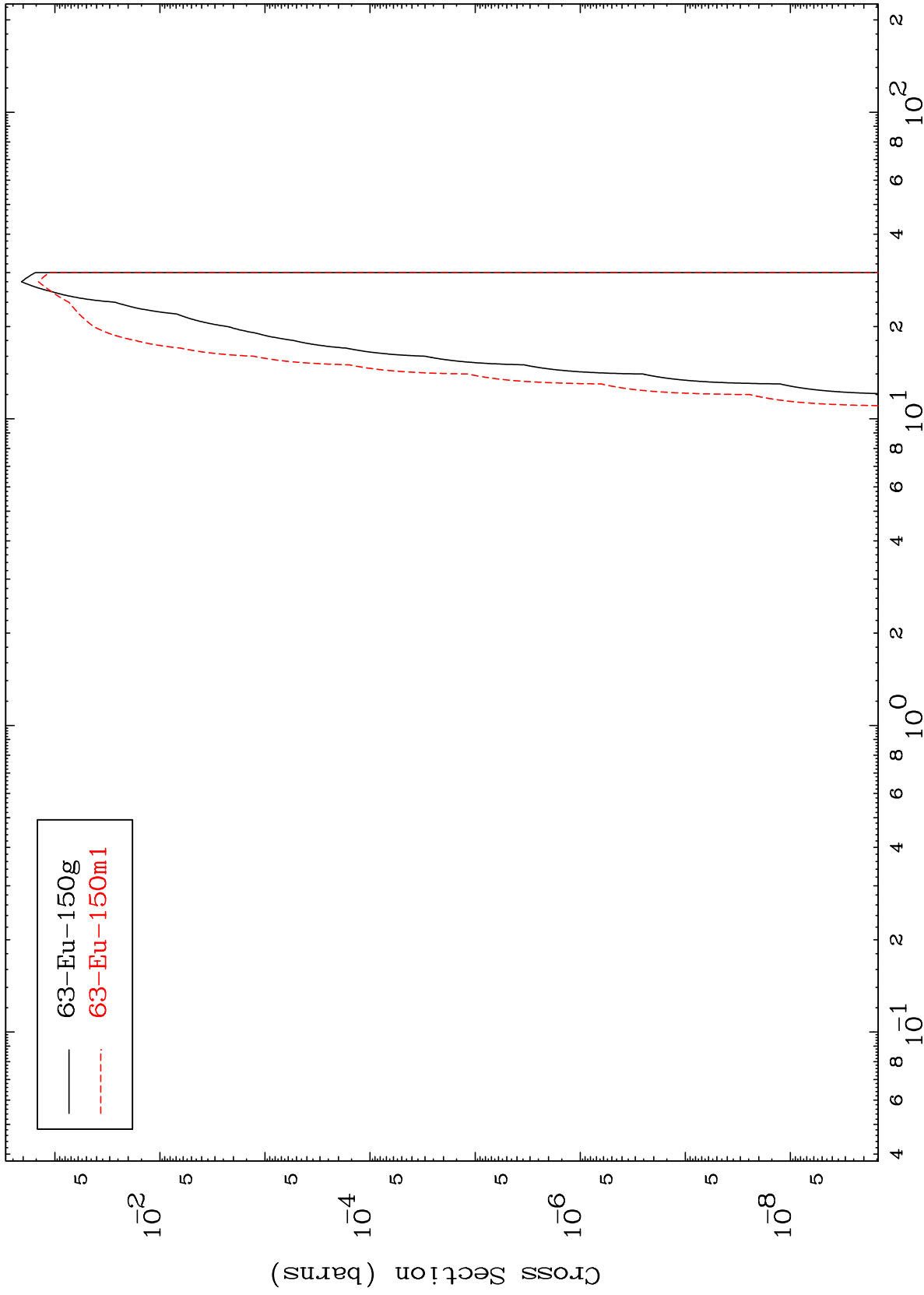
63-Eu-150

MAT 6322

( $\alpha, \alpha$ )

63-Eu-150

Radionuclide Production Cross Section



14

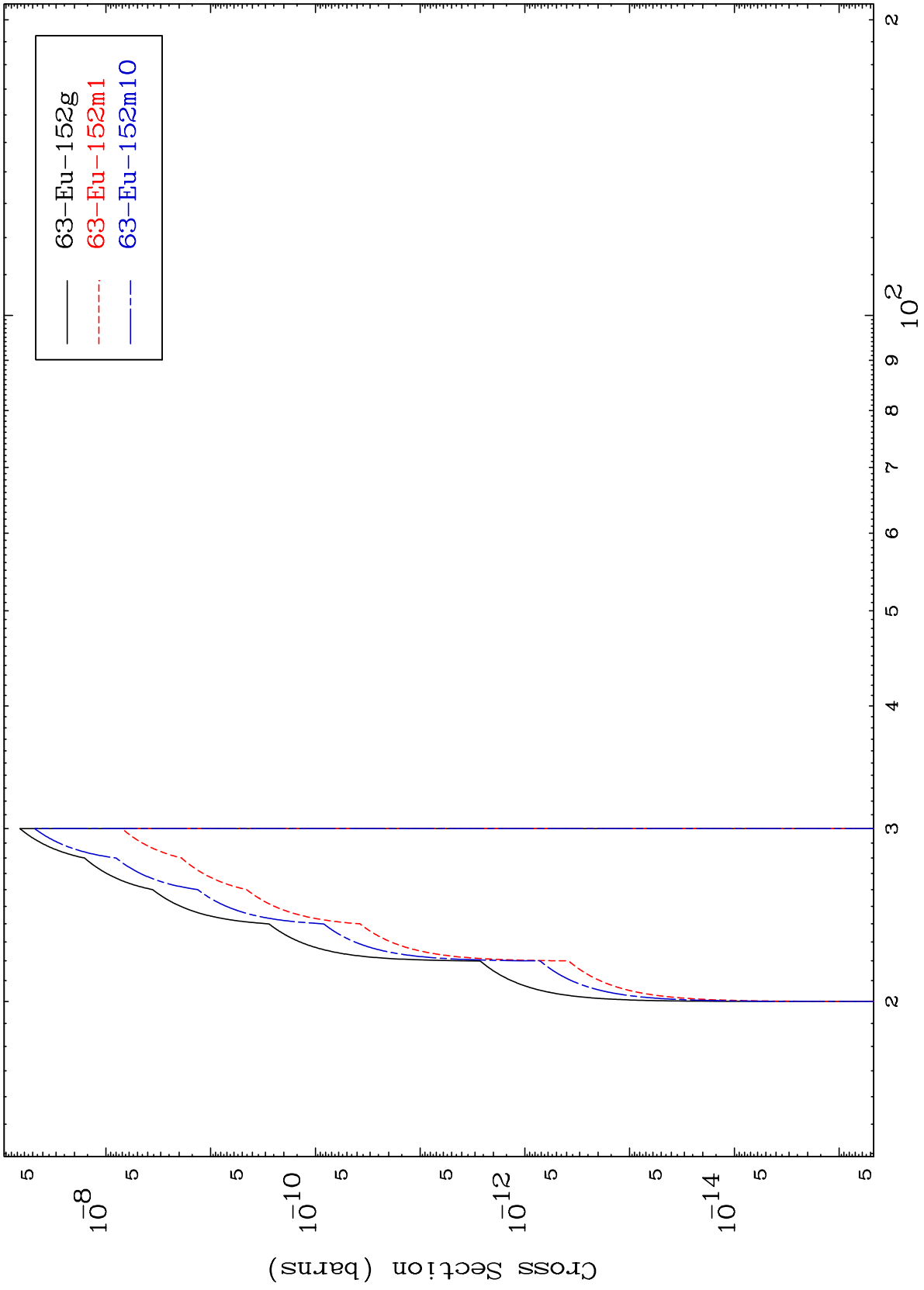
Incident Energy (MeV)

63-Eu-150

MAT 6322

63-Eu-150

Radionuclide Production Cross Section  
( $\alpha, 2p$ )



15

Incident Energy (MeV)

63-Eu-150