

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

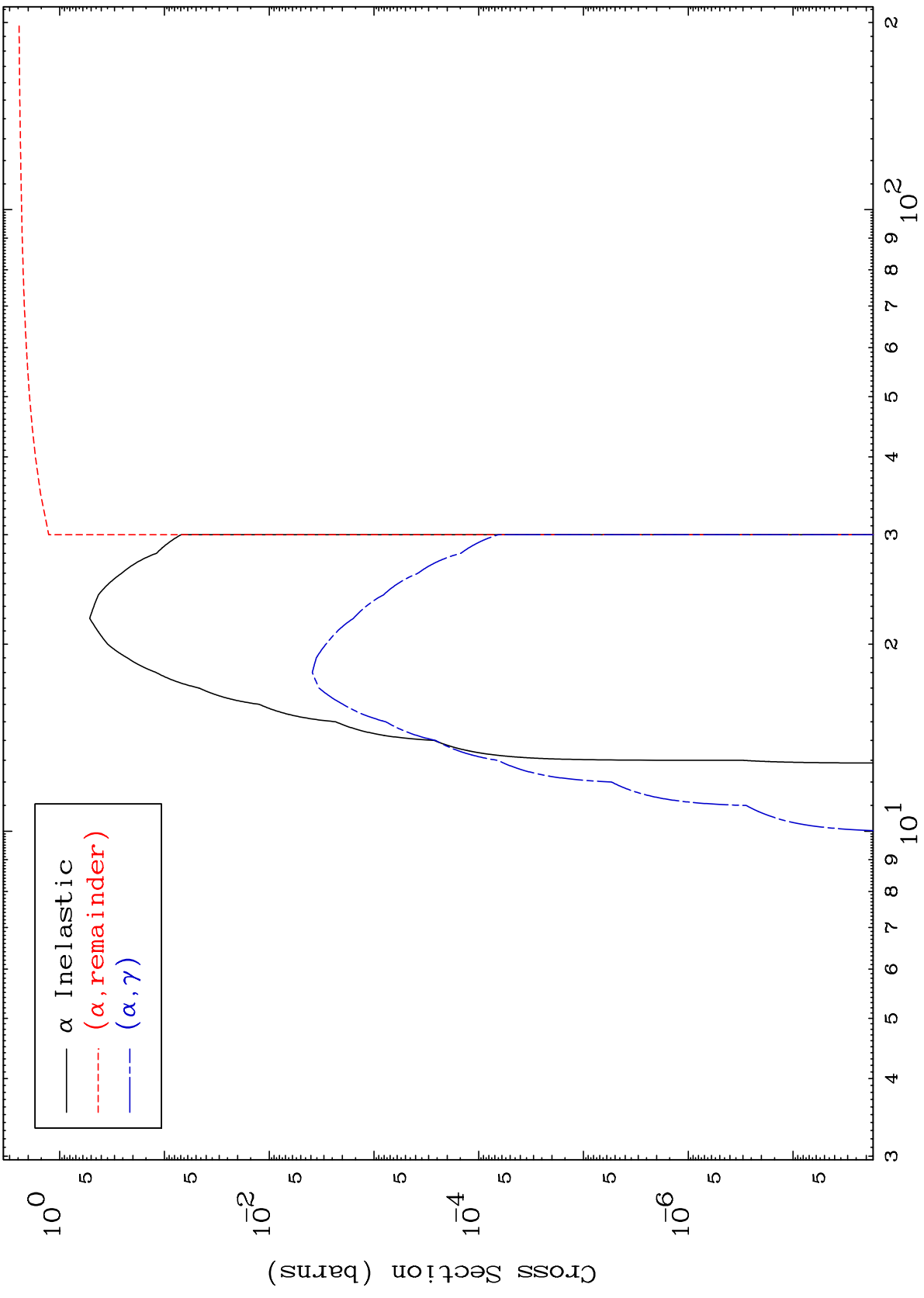
Press Mouse Button to Start

MAT 6502

$\alpha$  Major

65-Tb-151

0 Kelvin Cross Sections



1

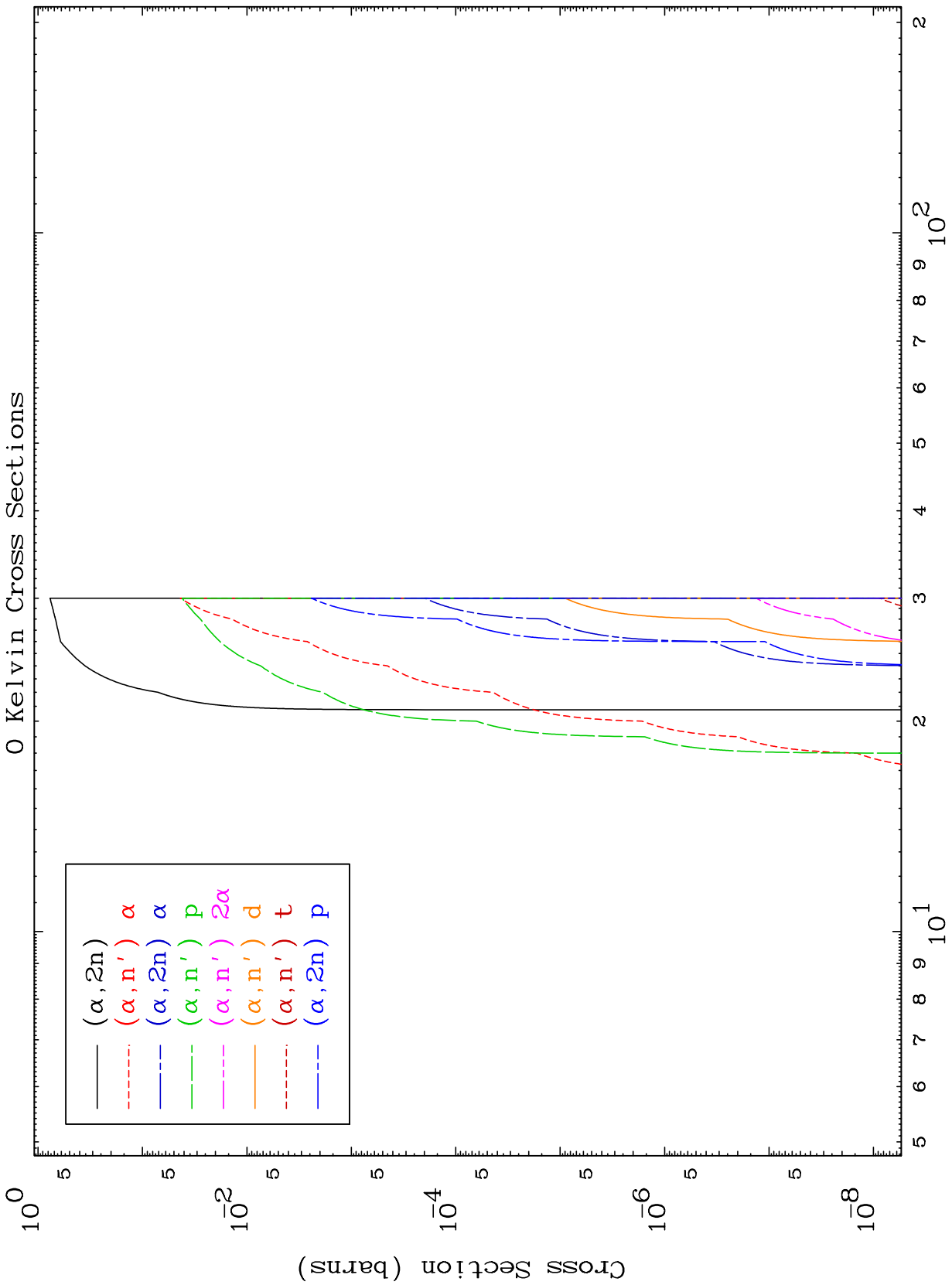
Incident Energy (MeV)

65-Tb-151

MAT 6502

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

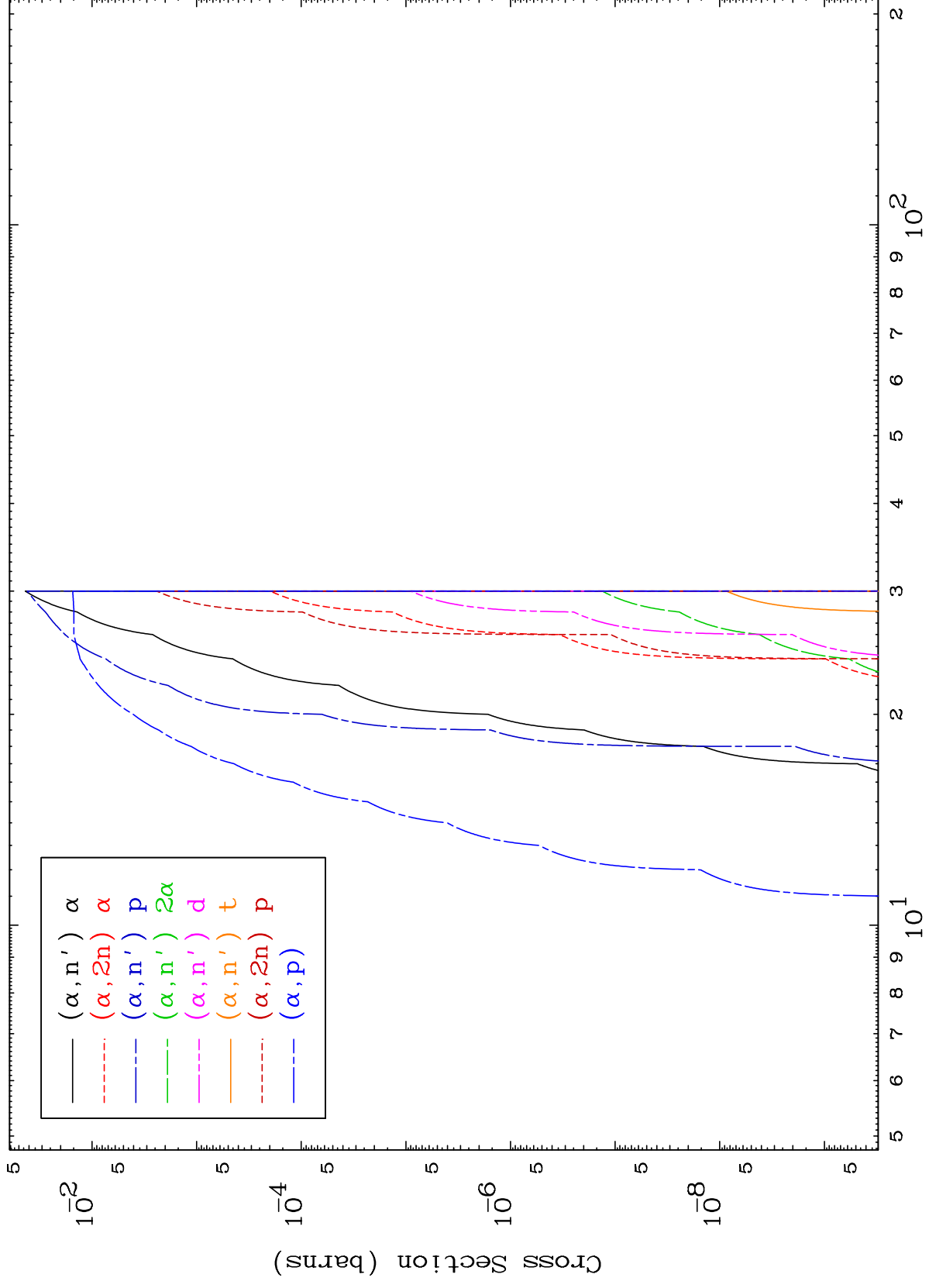
65-Tb-151



2

Incident Energy (MeV)

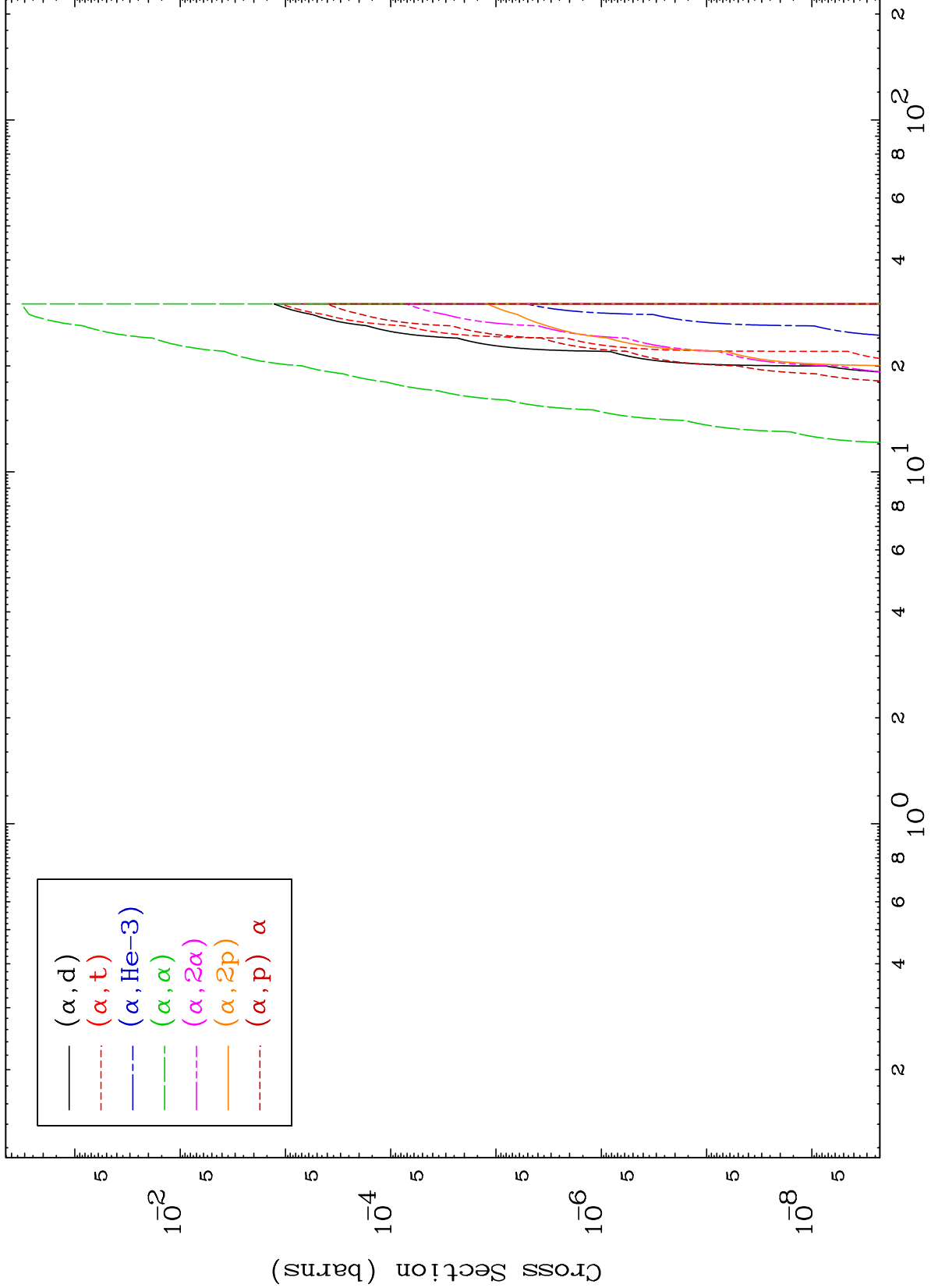
65-Tb-151



MAT 6502

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

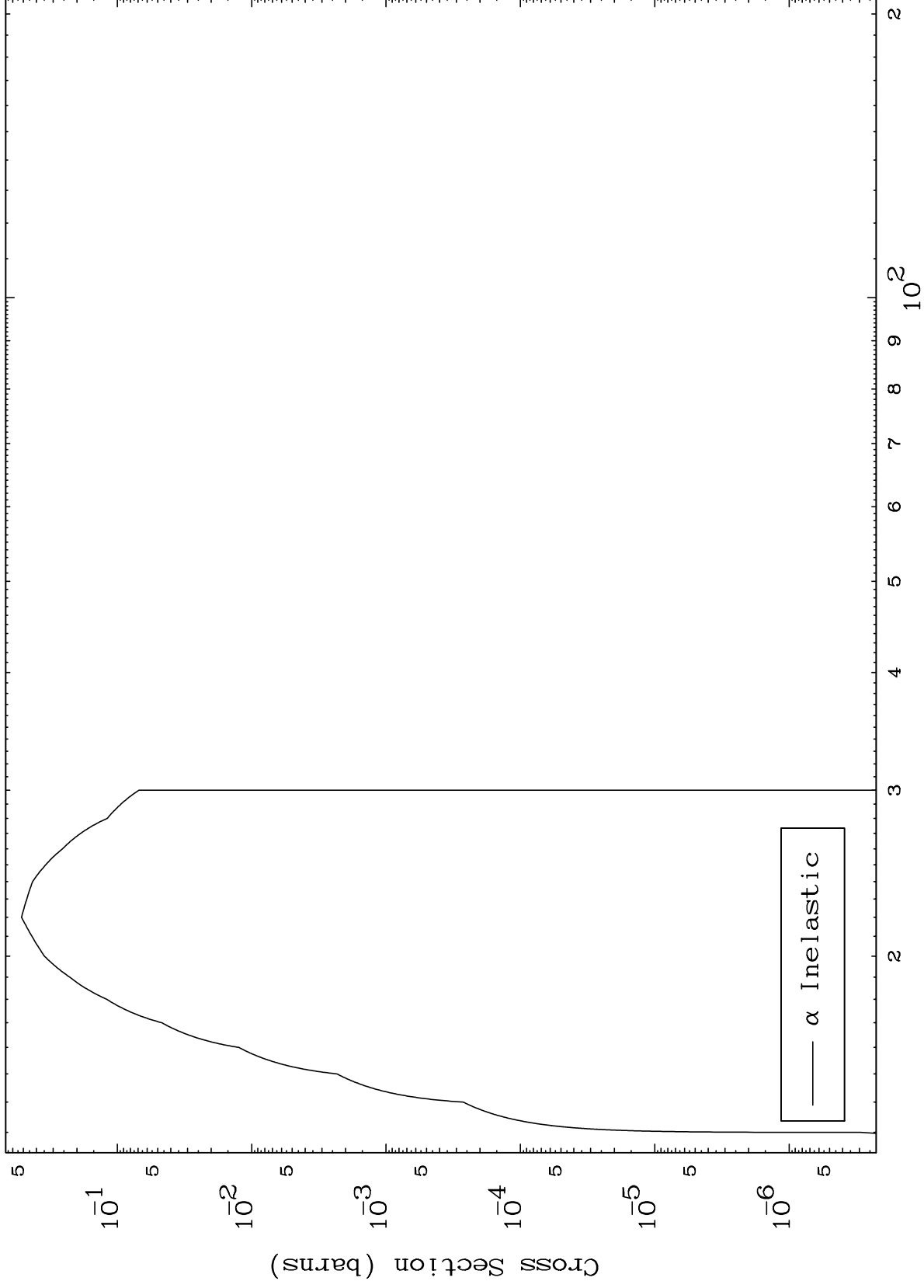
65-Tb-151



MAT 6502

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

65-Tb-151



5

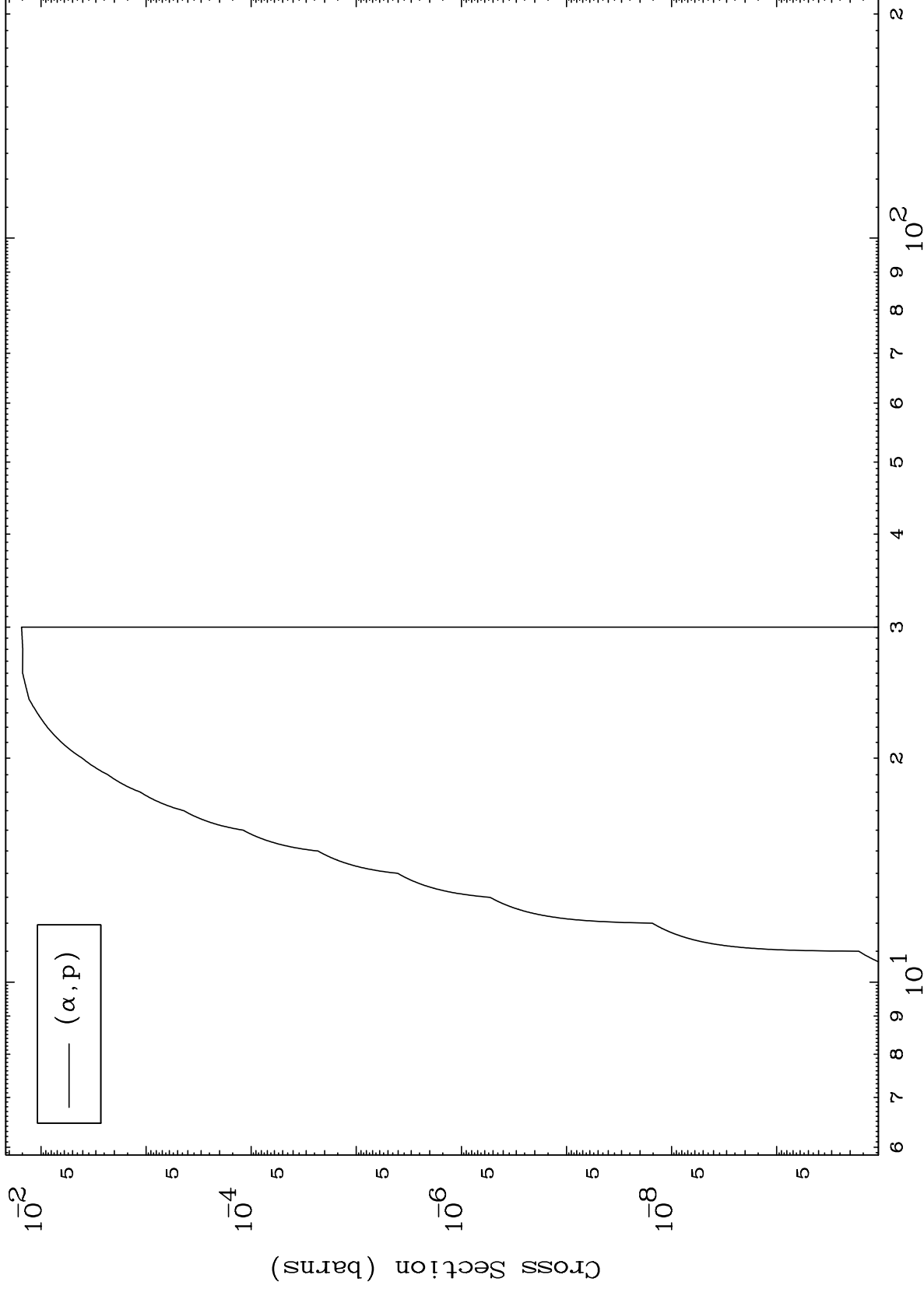
Incident Energy (MeV)

65-Tb-151

MAT 6502

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

65-Tb-151



6

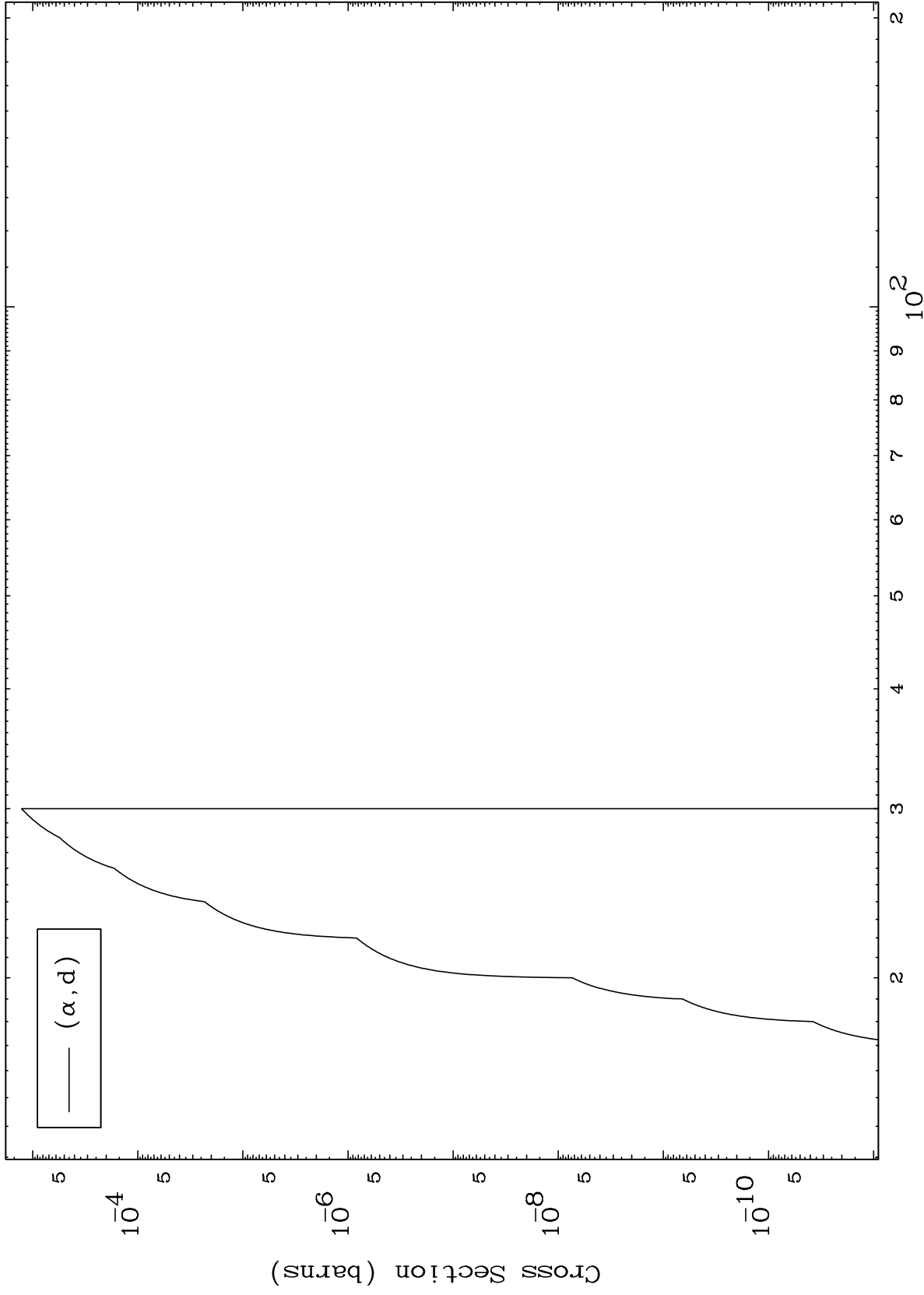
Incident Energy (MeV)

65-Tb-151

MAT 6502

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

65-Tb-151

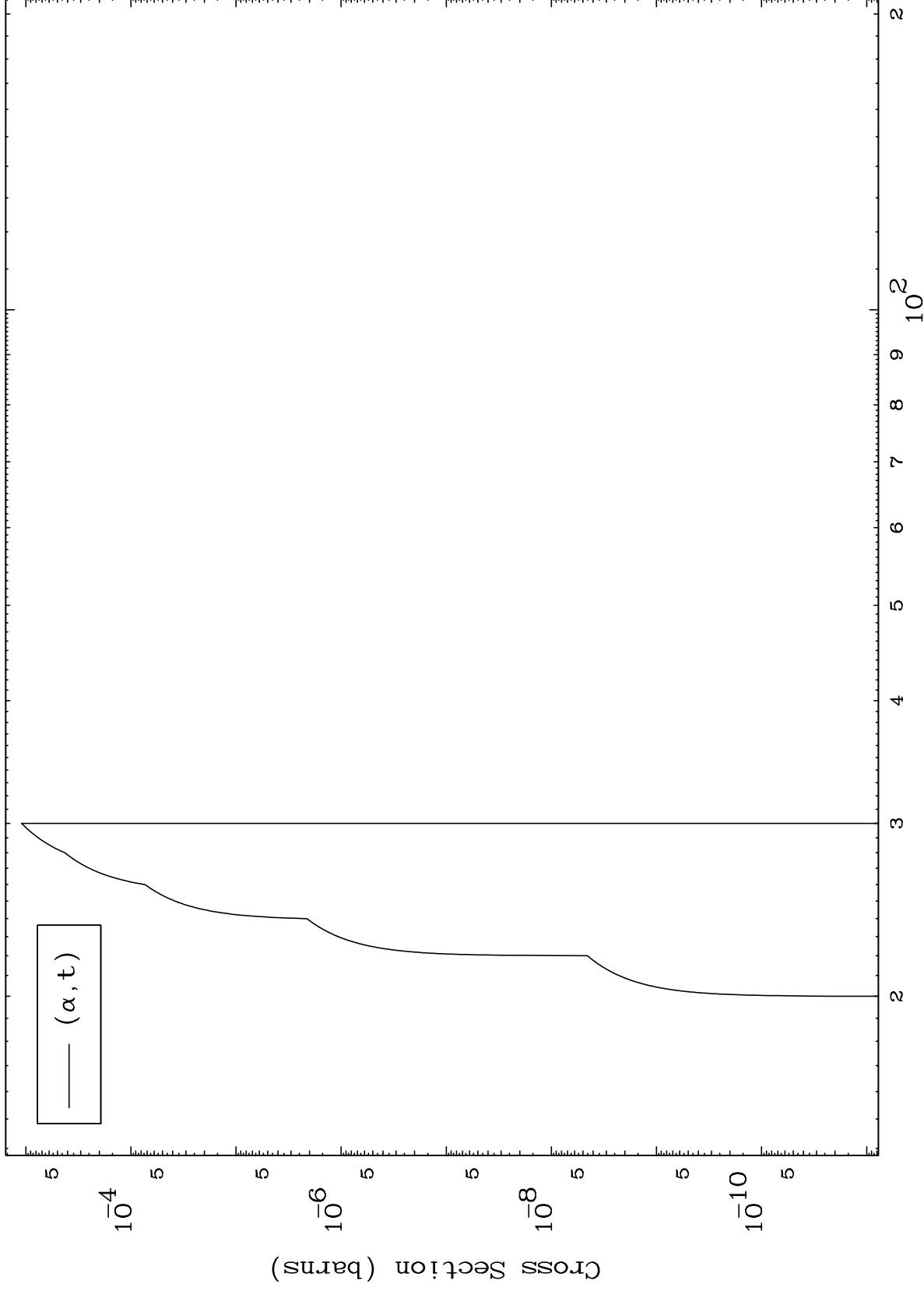




MAT 6502

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

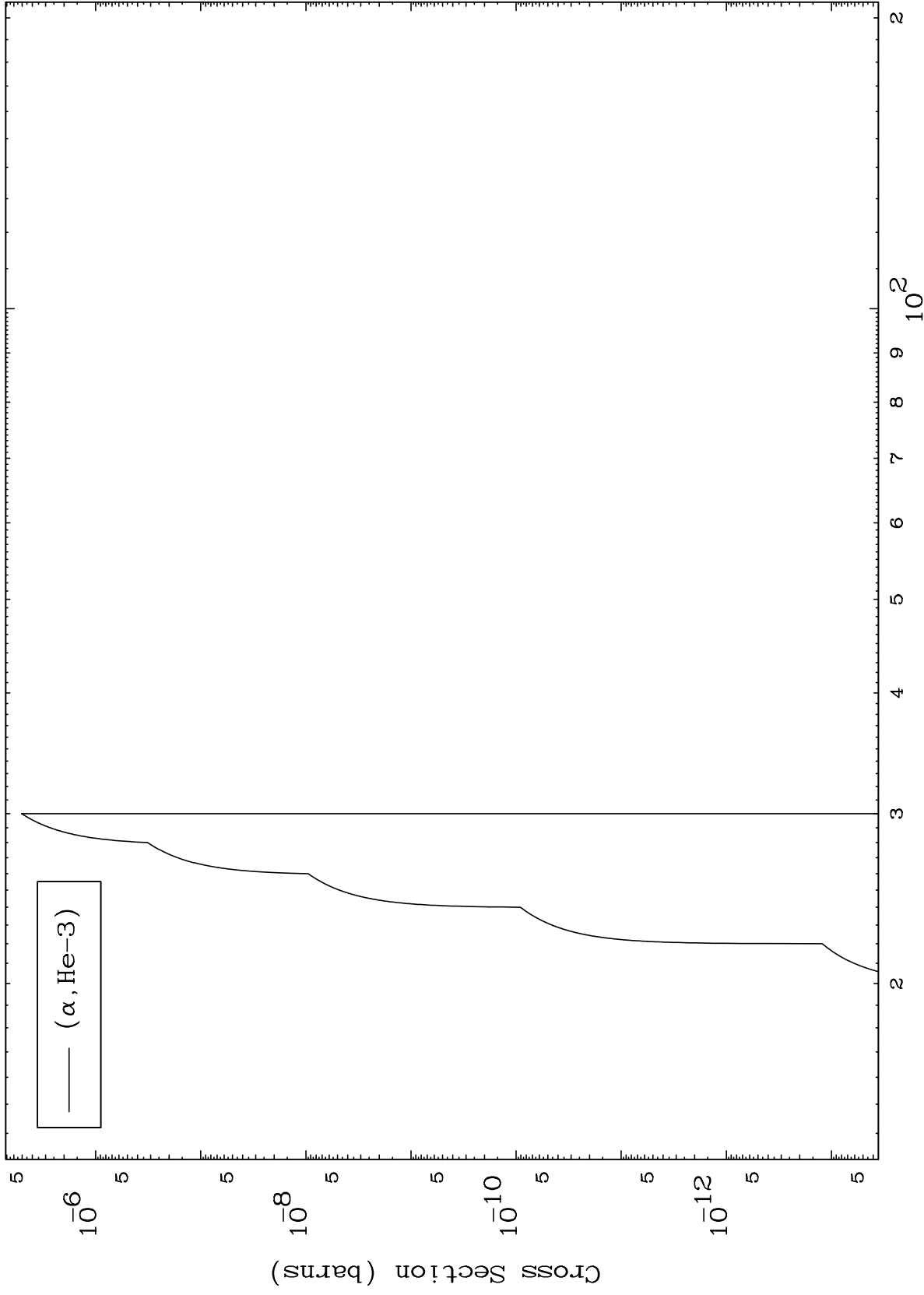
65-Tb-151



8

Incident Energy (MeV)

65-Tb-151

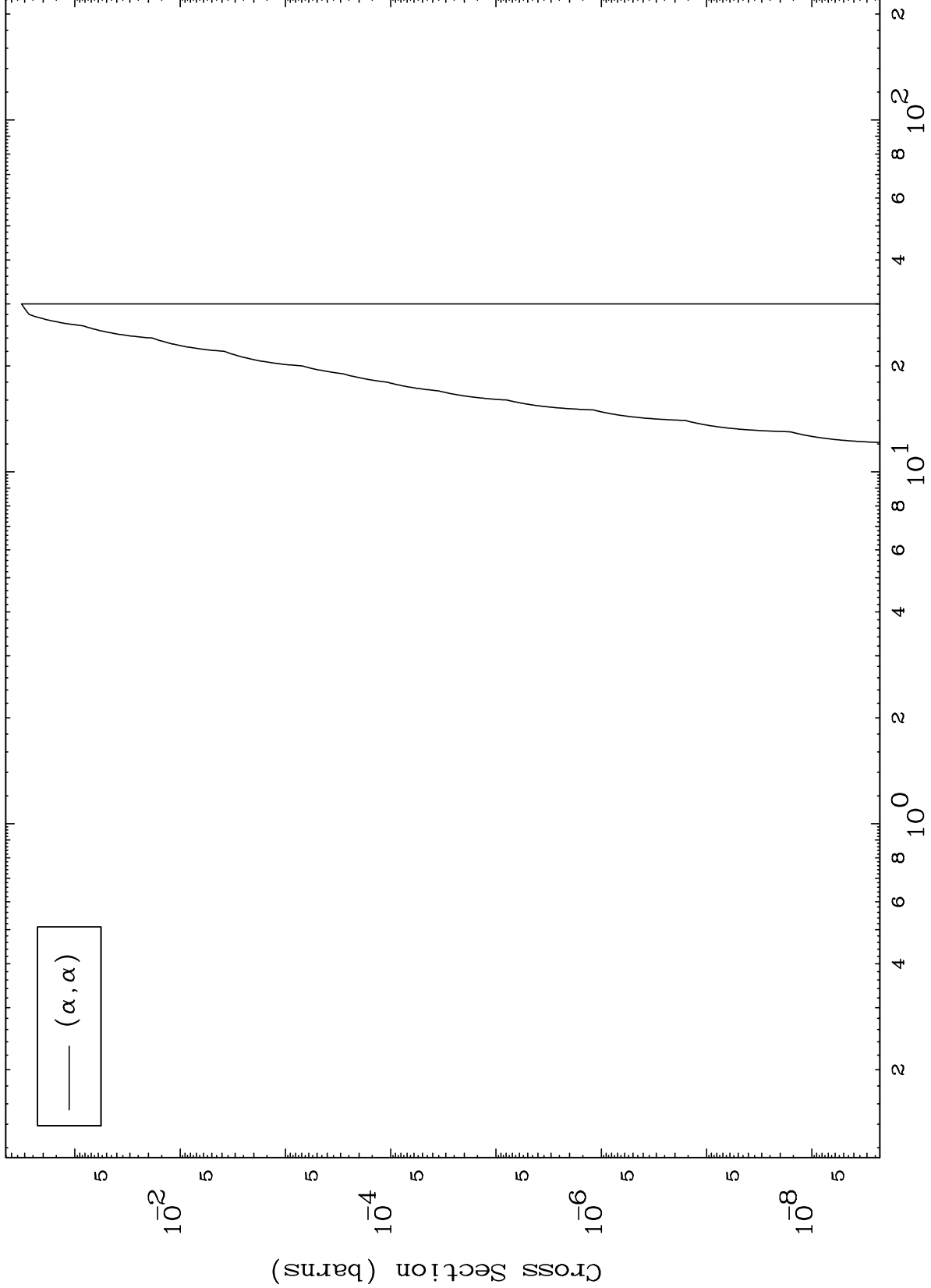


MAT 6502

( $\alpha, \alpha$ ) Levels

65-Tb-151

0 Kelvin Cross Sections



10

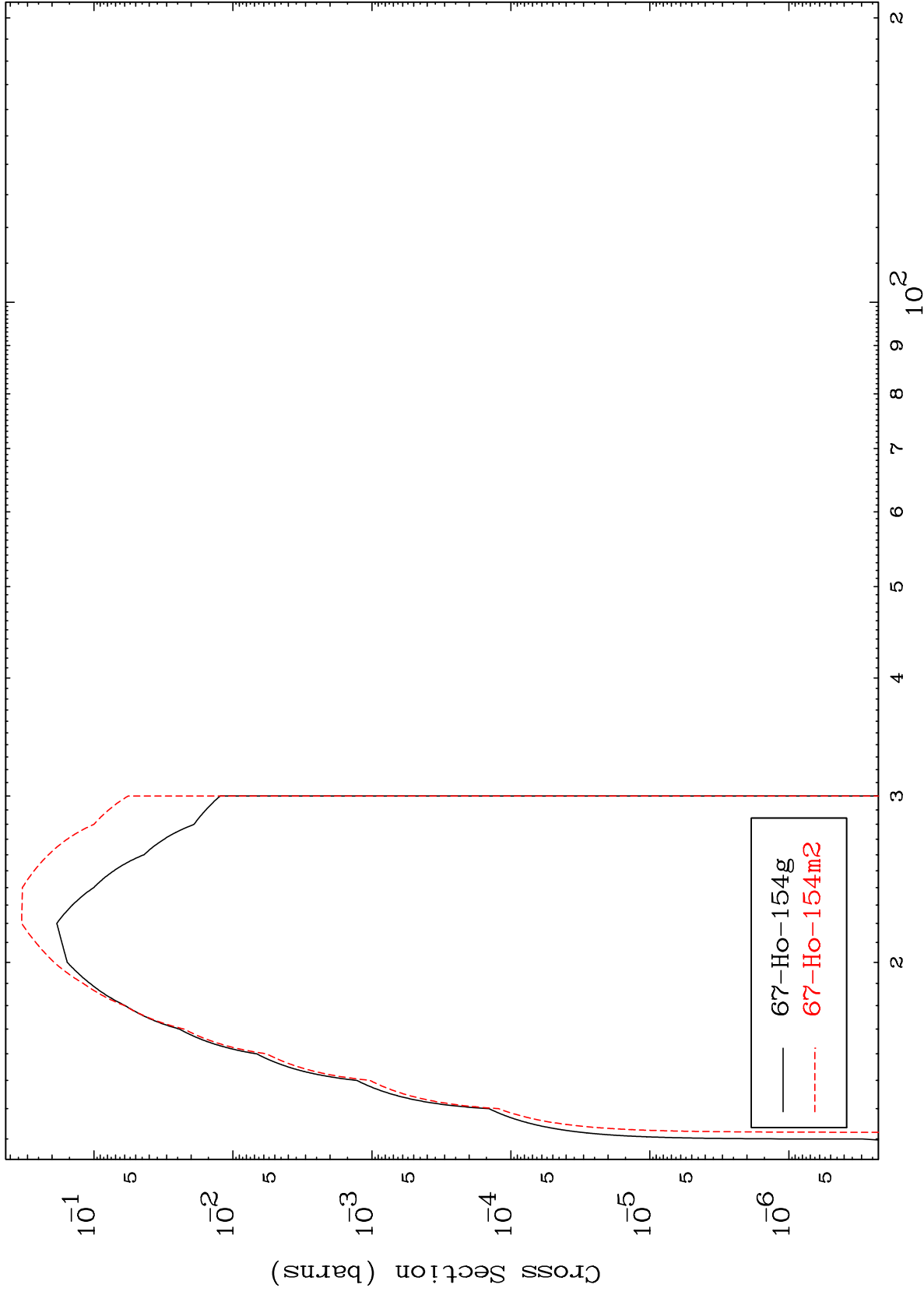
Incident Energy (MeV)

65-Tb-151

MAT 6502

65-Tb-151

Radionuclide Production Cross Section  
 $\alpha$  Inelastic



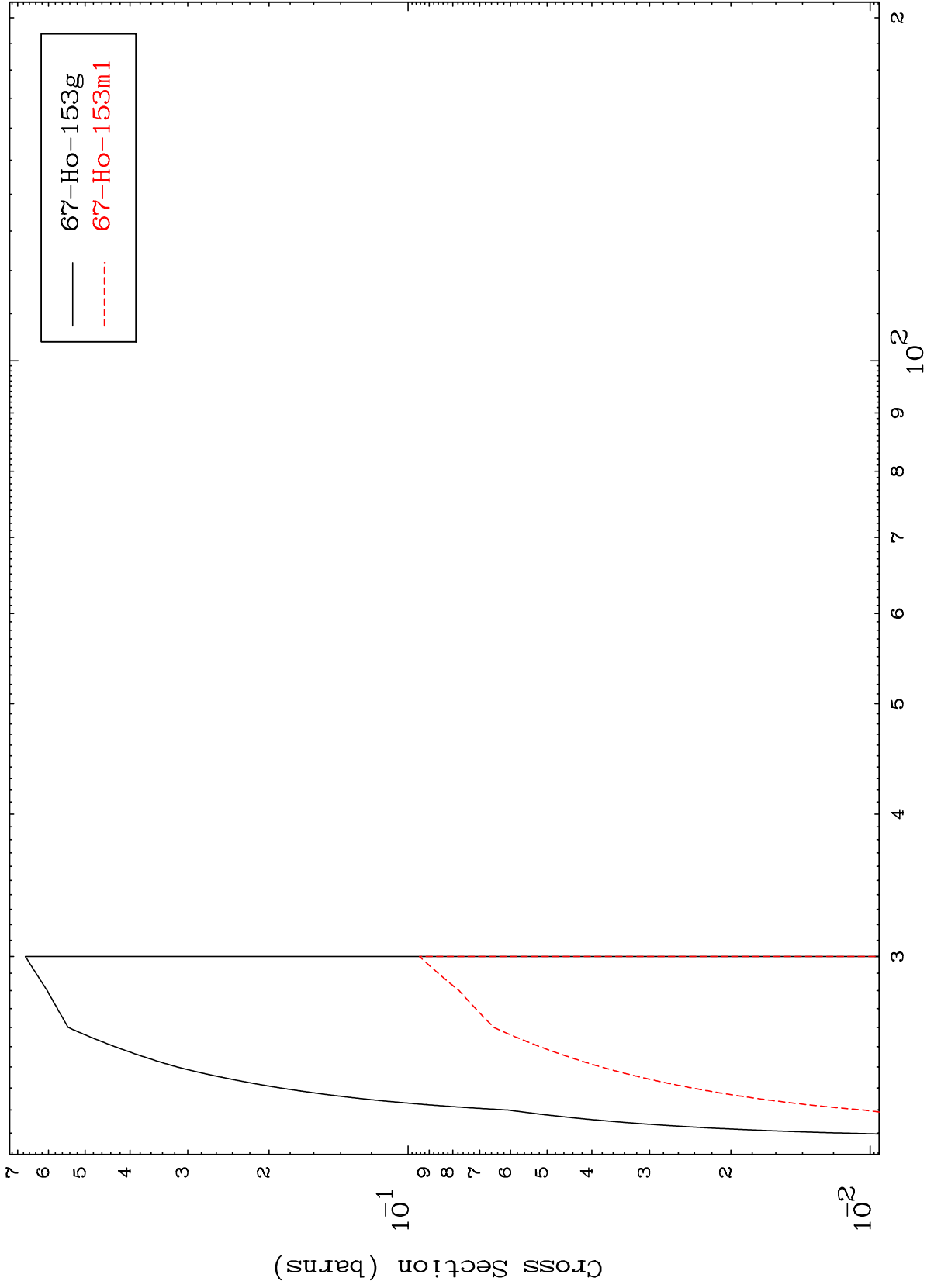
65-Tb-151

MAT 6502

( $\alpha, 2n$ )

65-Tb-151

Radionuclide Production Cross Section



12

Incident Energy (MeV)

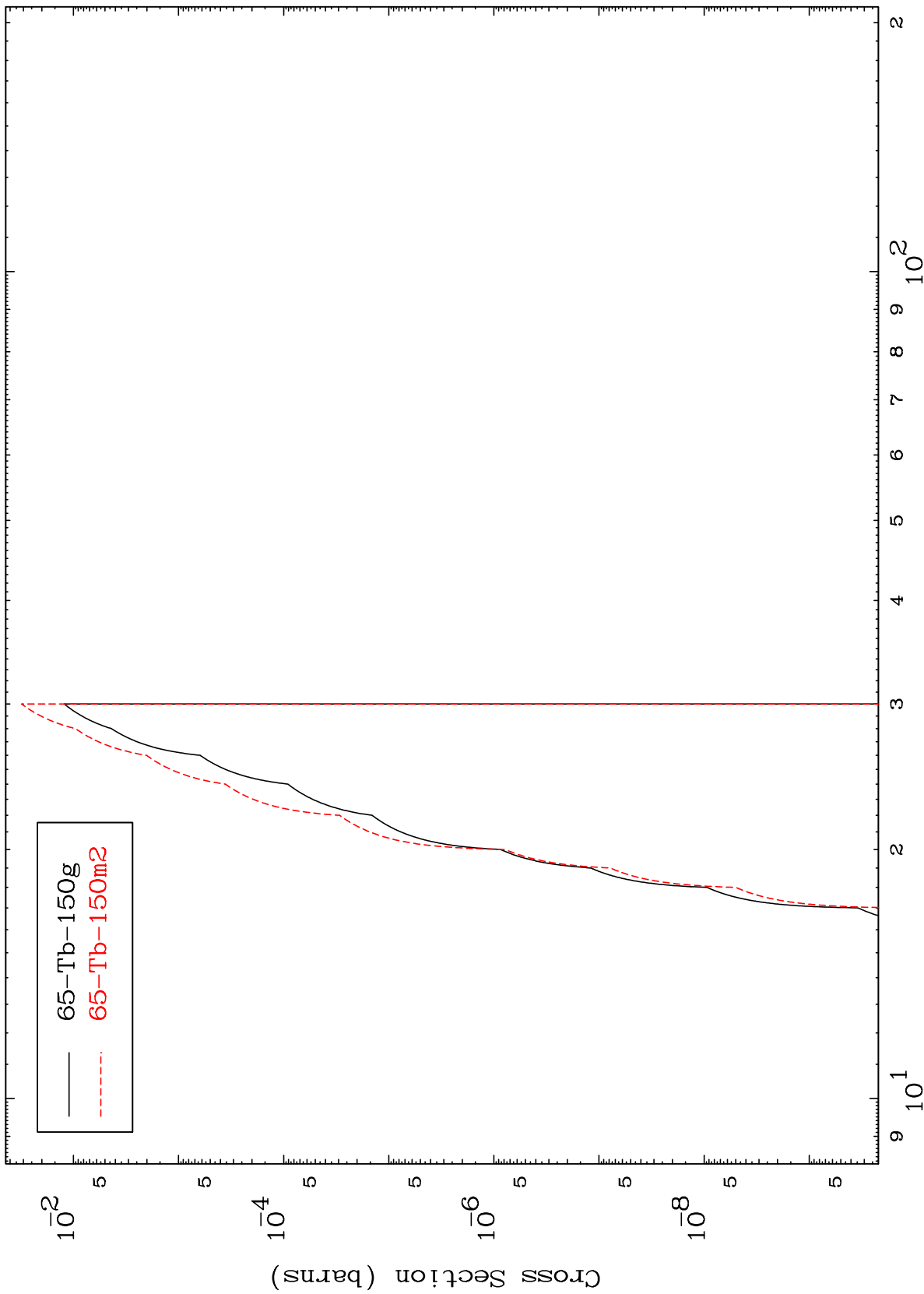
65-Tb-151

MAT 6502

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

65-Tb-151

Radionuclide Production Cross Section



13

Incident Energy (MeV)

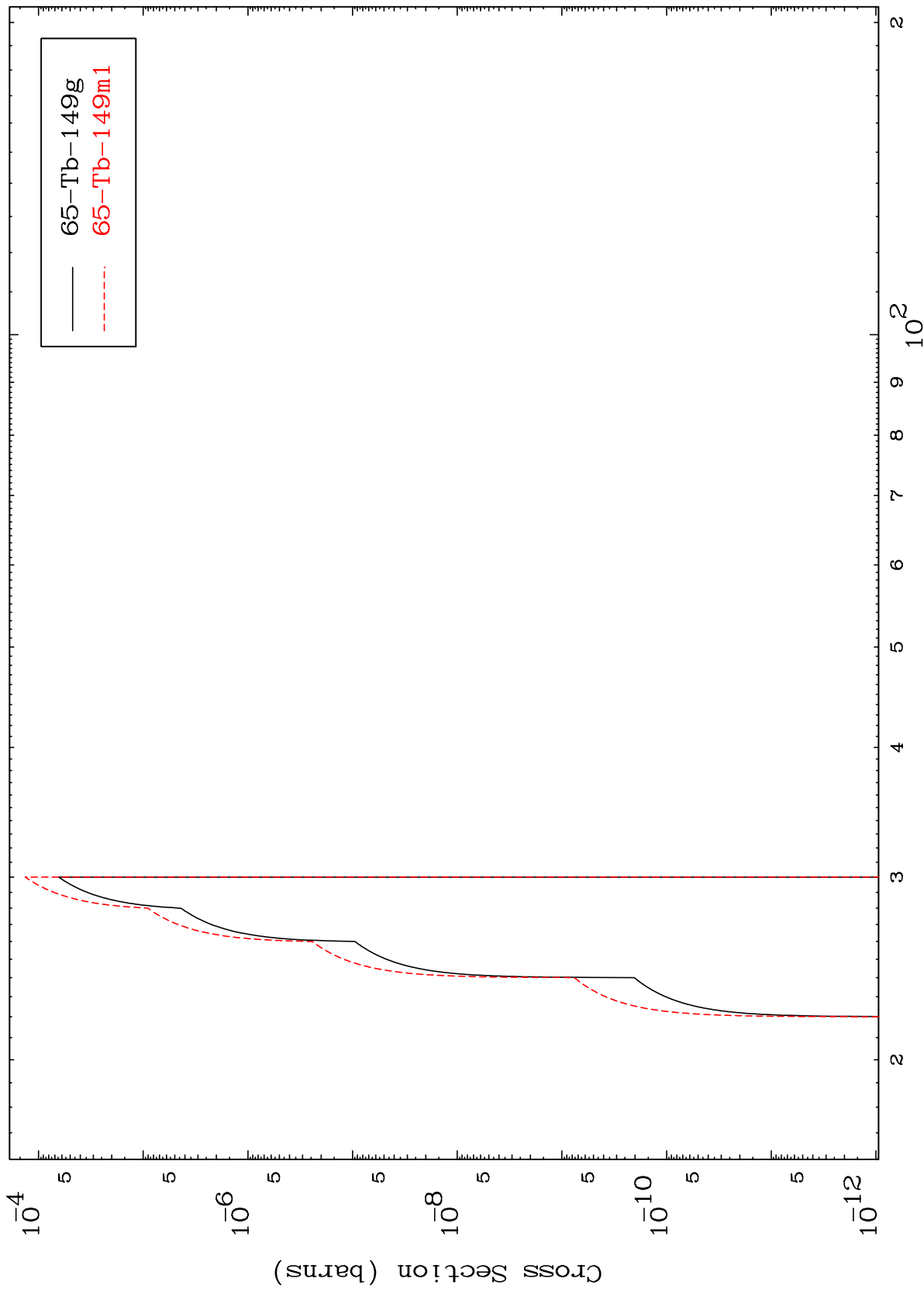
65-Tb-151

MAT 6502

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

65-Tb-151

Radionuclide Production Cross Section



14

Incident Energy (MeV)

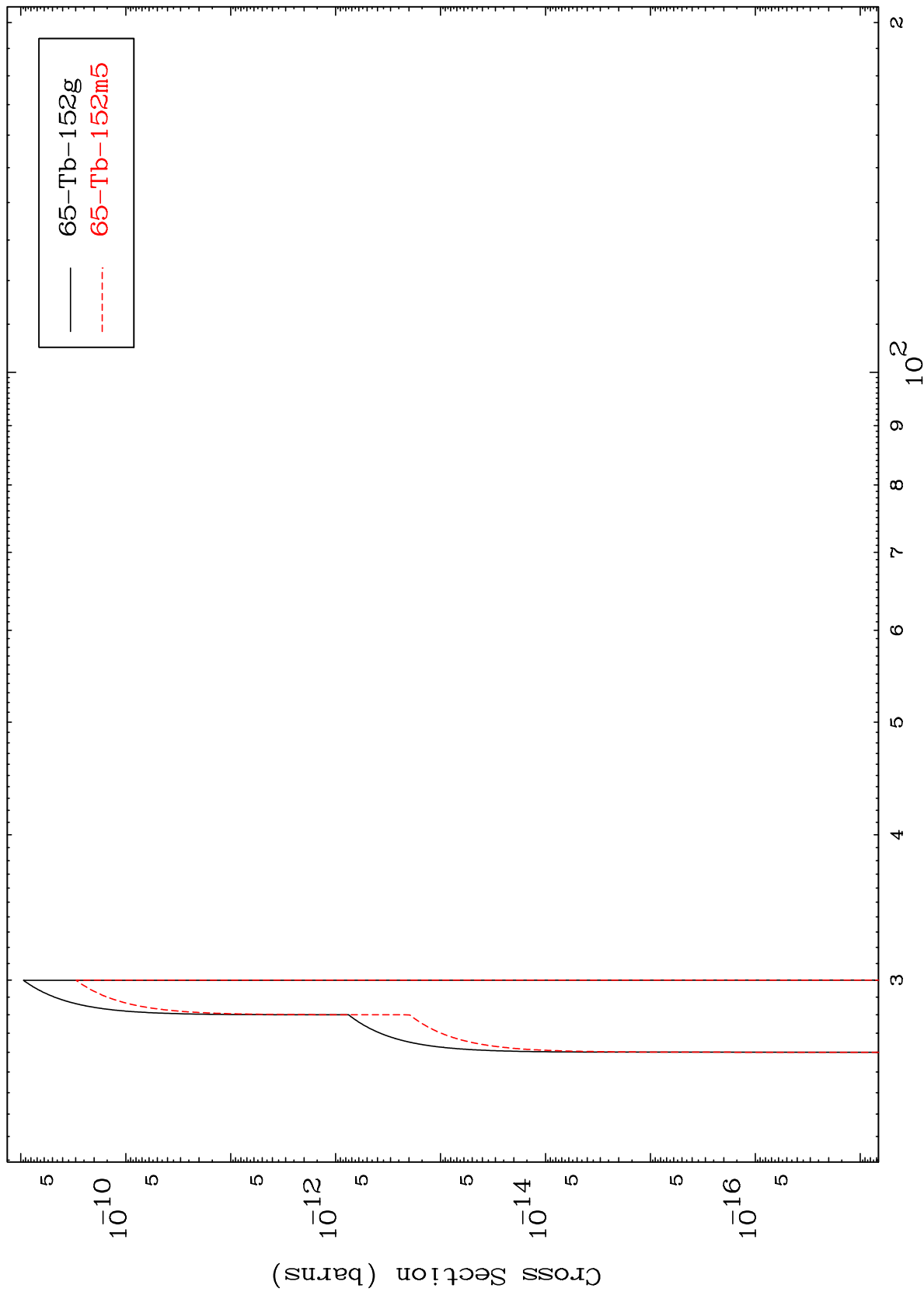
65-Tb-151

MAT 6502

$(\alpha, 2n)$  p

65-Tb-151

Radionuclide Production Cross Section



15

Incident Energy (MeV)

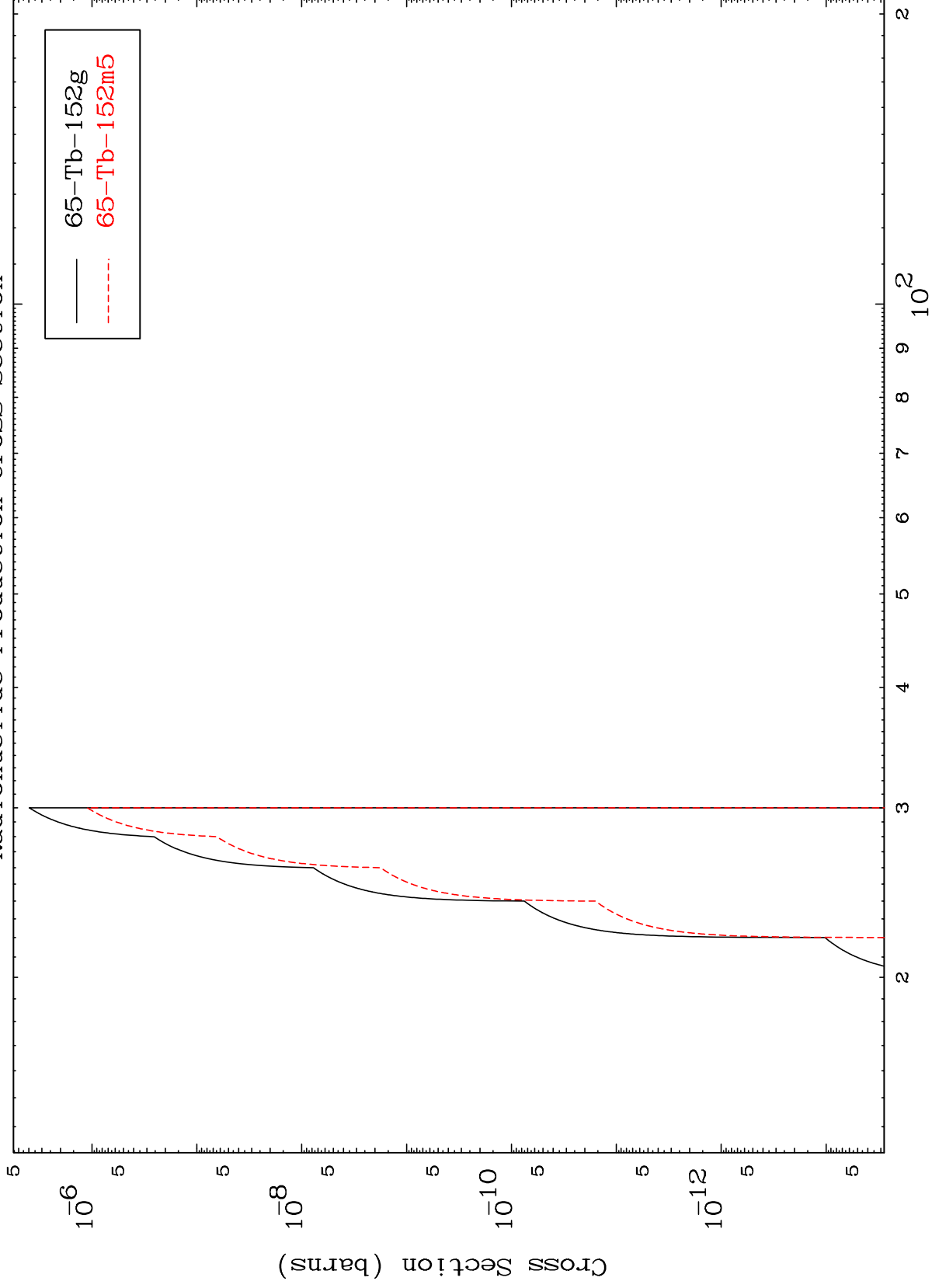
65-Tb-151



MAT 6502

65-Tb-151

( $\alpha, \text{He-3}$ )  
Radionuclide Production Cross Section



65-Tb-151

Incident Energy (MeV)

16

MAT 6502

( $\alpha, \alpha$ )

65-Tb-151

Radionuclide Production Cross Section

