

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

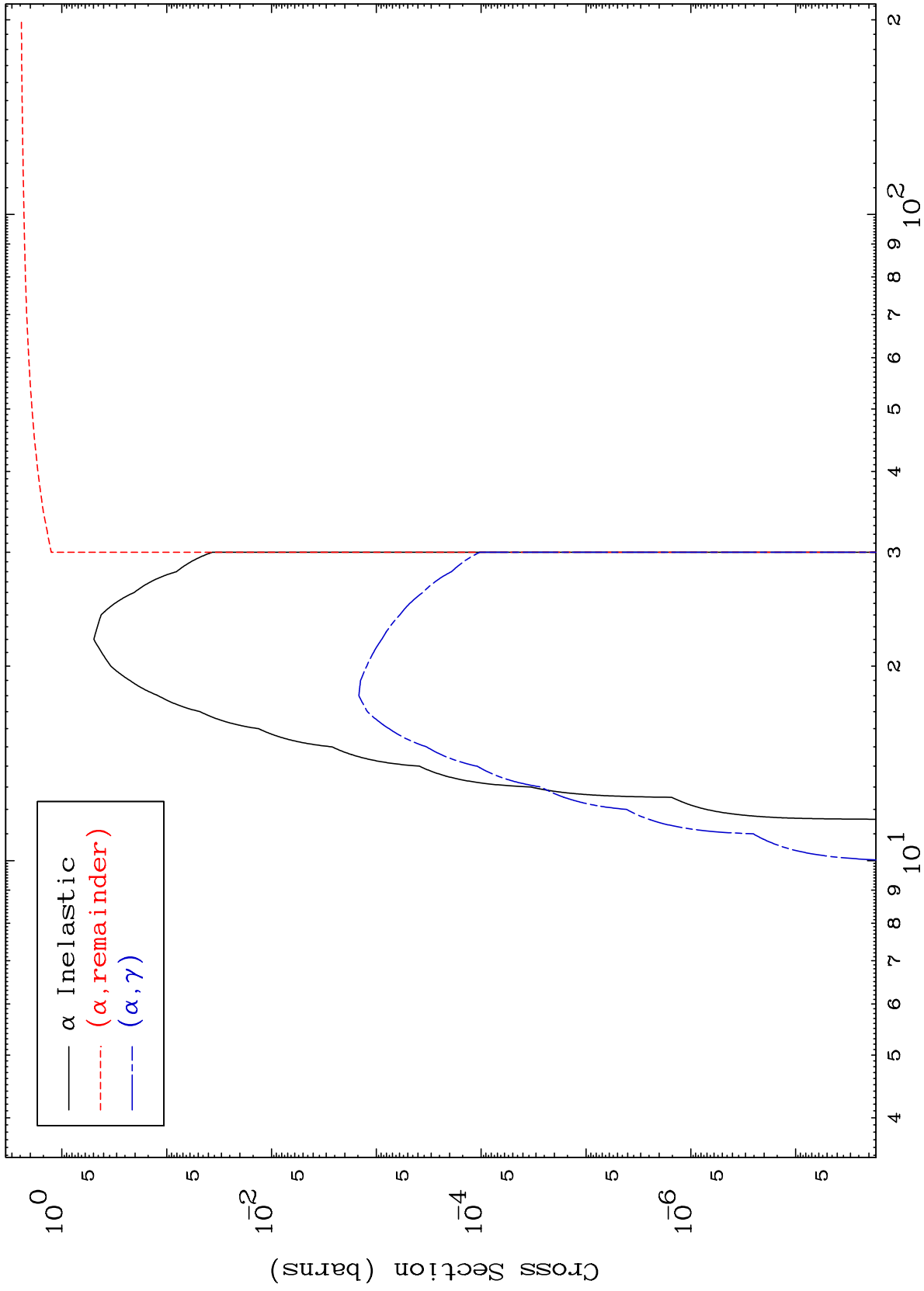
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6499

0 Kelvin  $\alpha$  Major  
Cross Sections

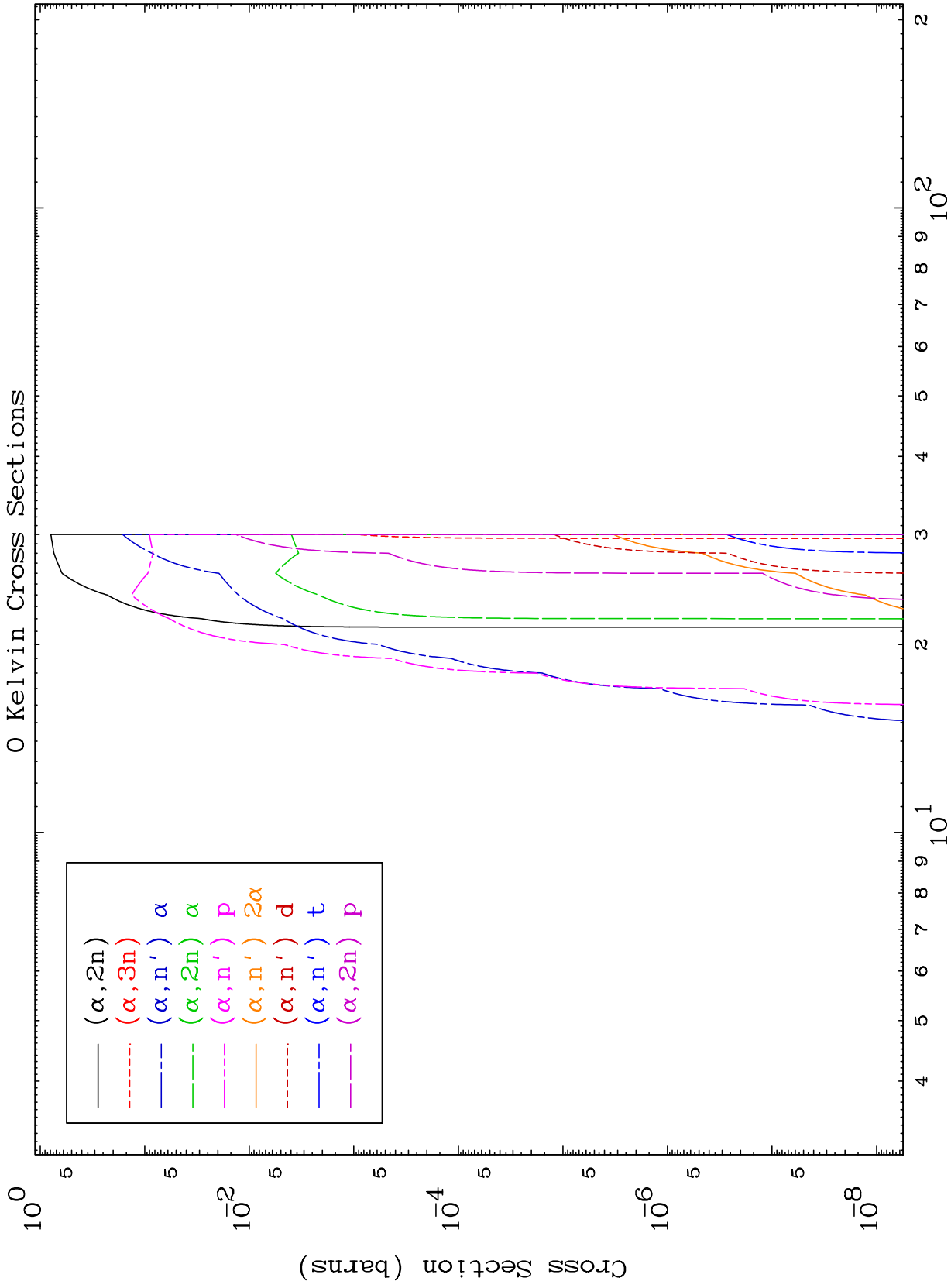
65-Tb-150



MAT 6499

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

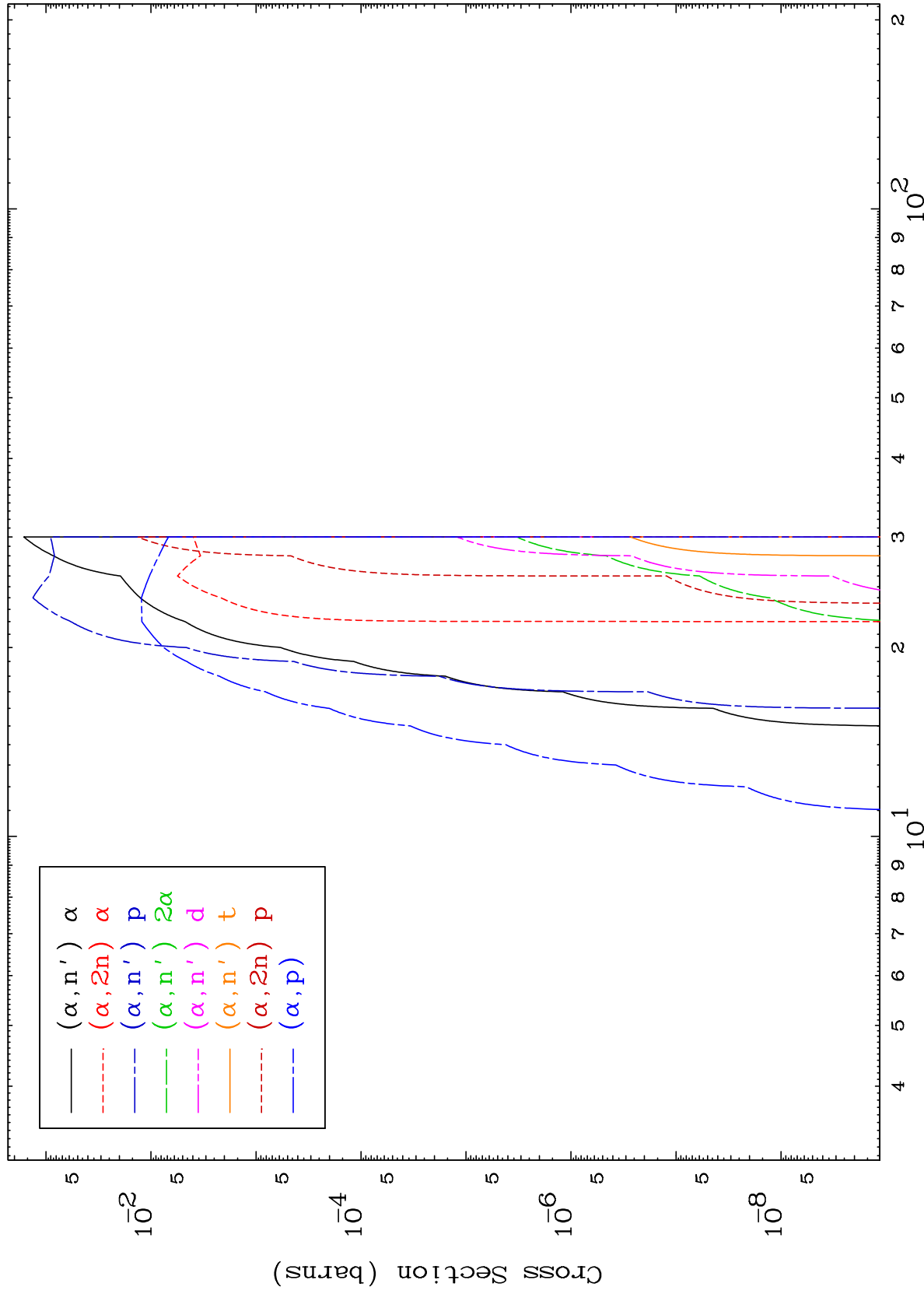
65-Tb-150



2

Incident Energy (MeV)

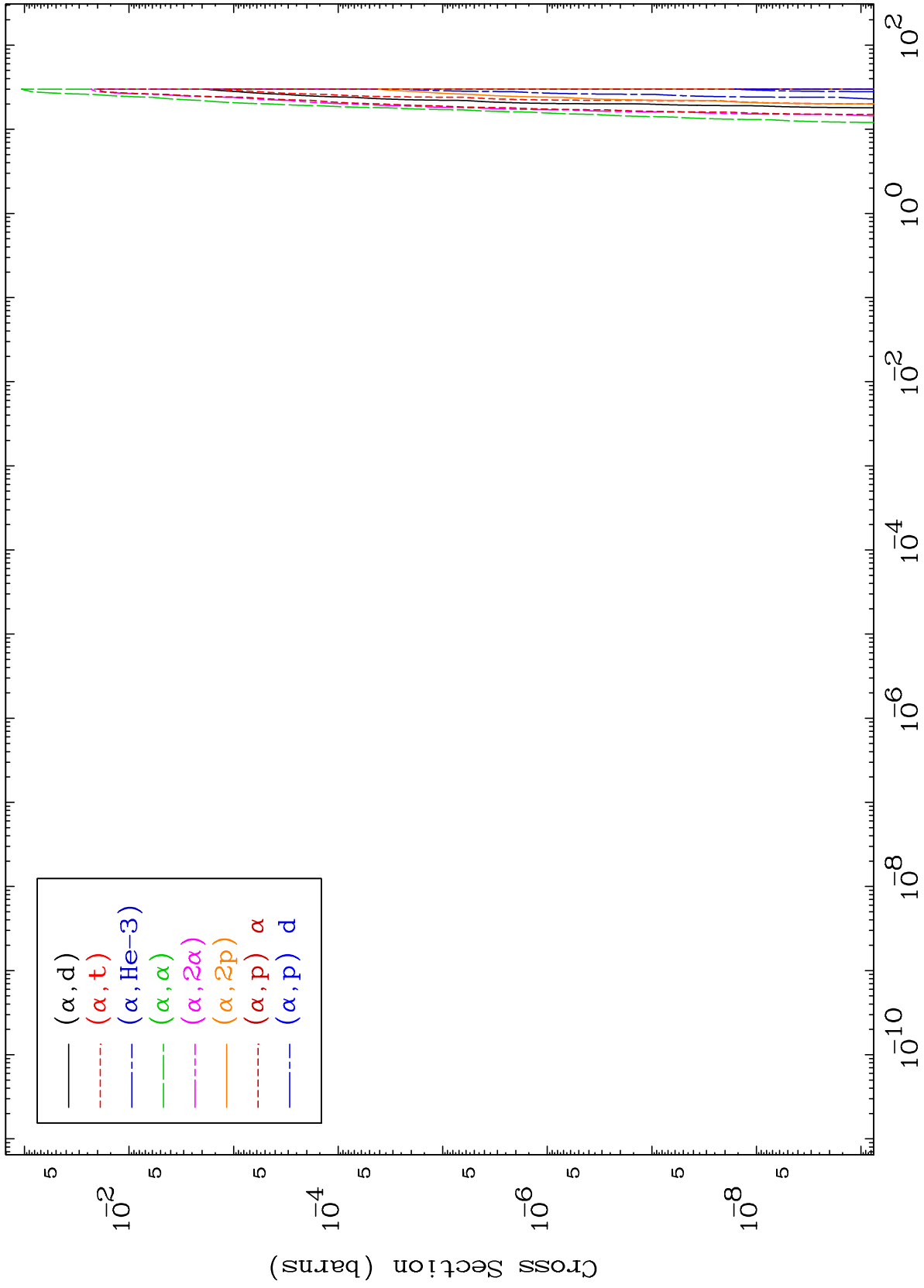
65-Tb-150



MAT 6499

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

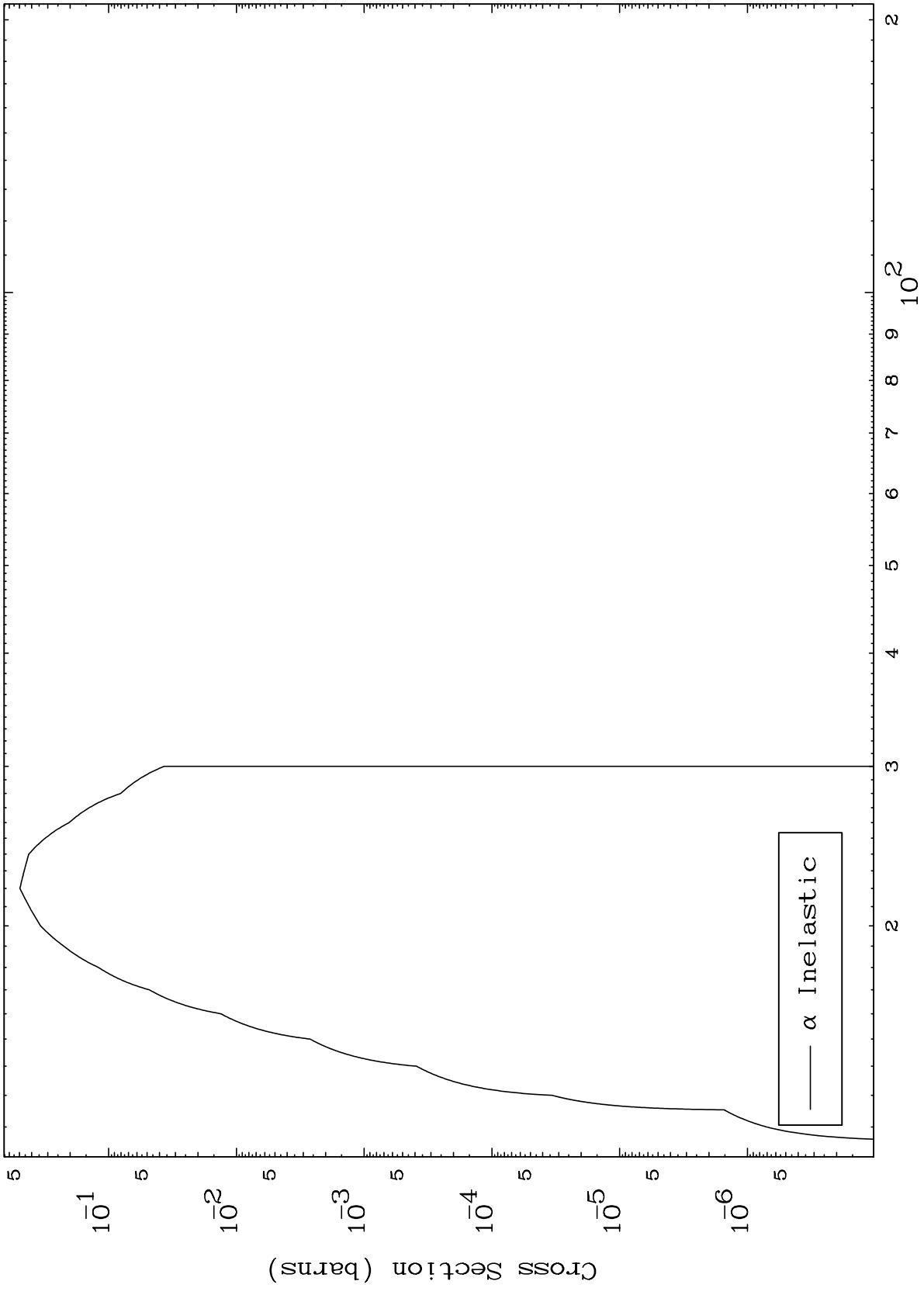
65-Tb-150



MAT 6499

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

65-Tb-150



5

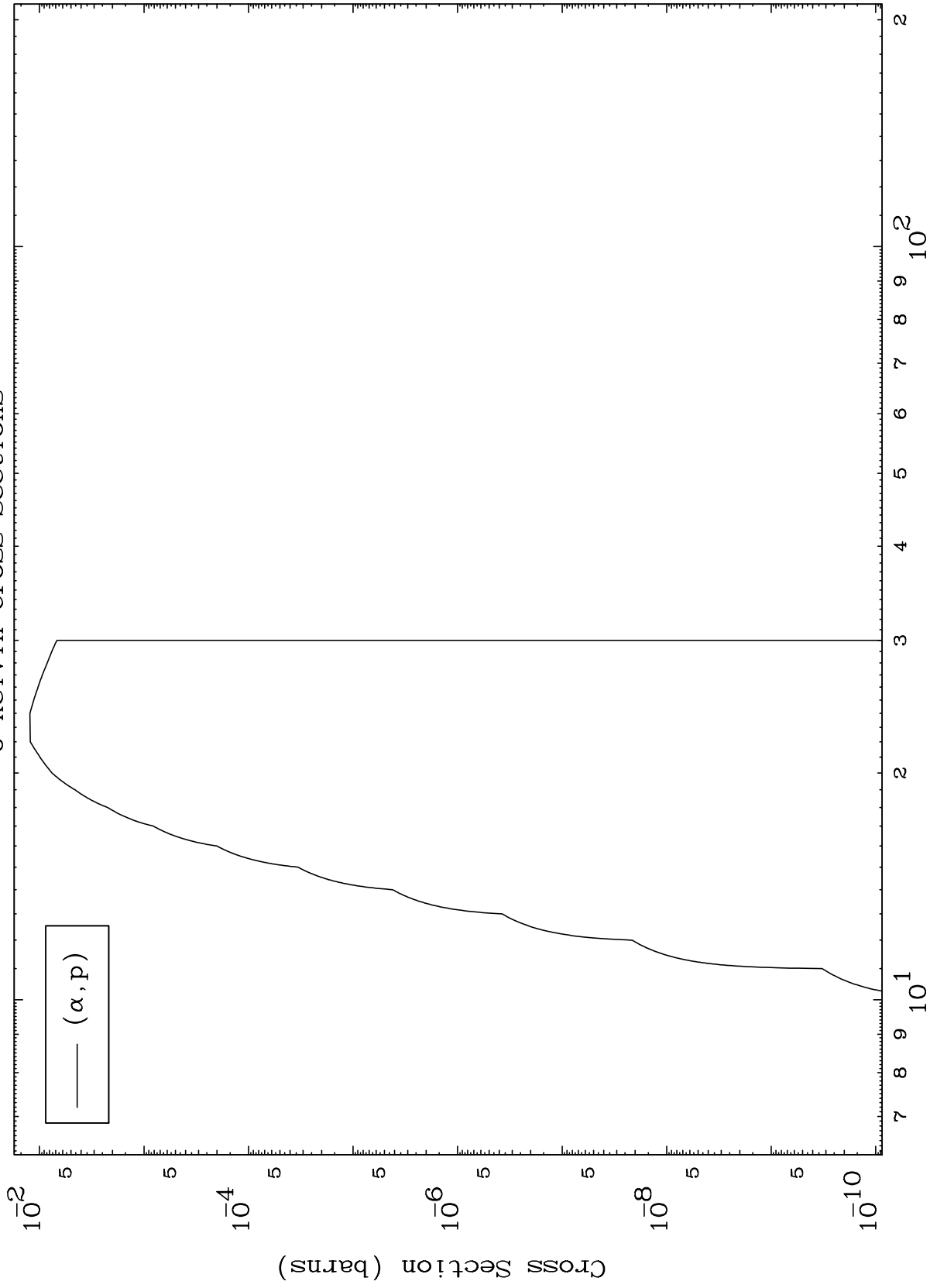
Incident Energy (MeV)

65-Tb-150

MAT 6499

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

65-Tb-150



6

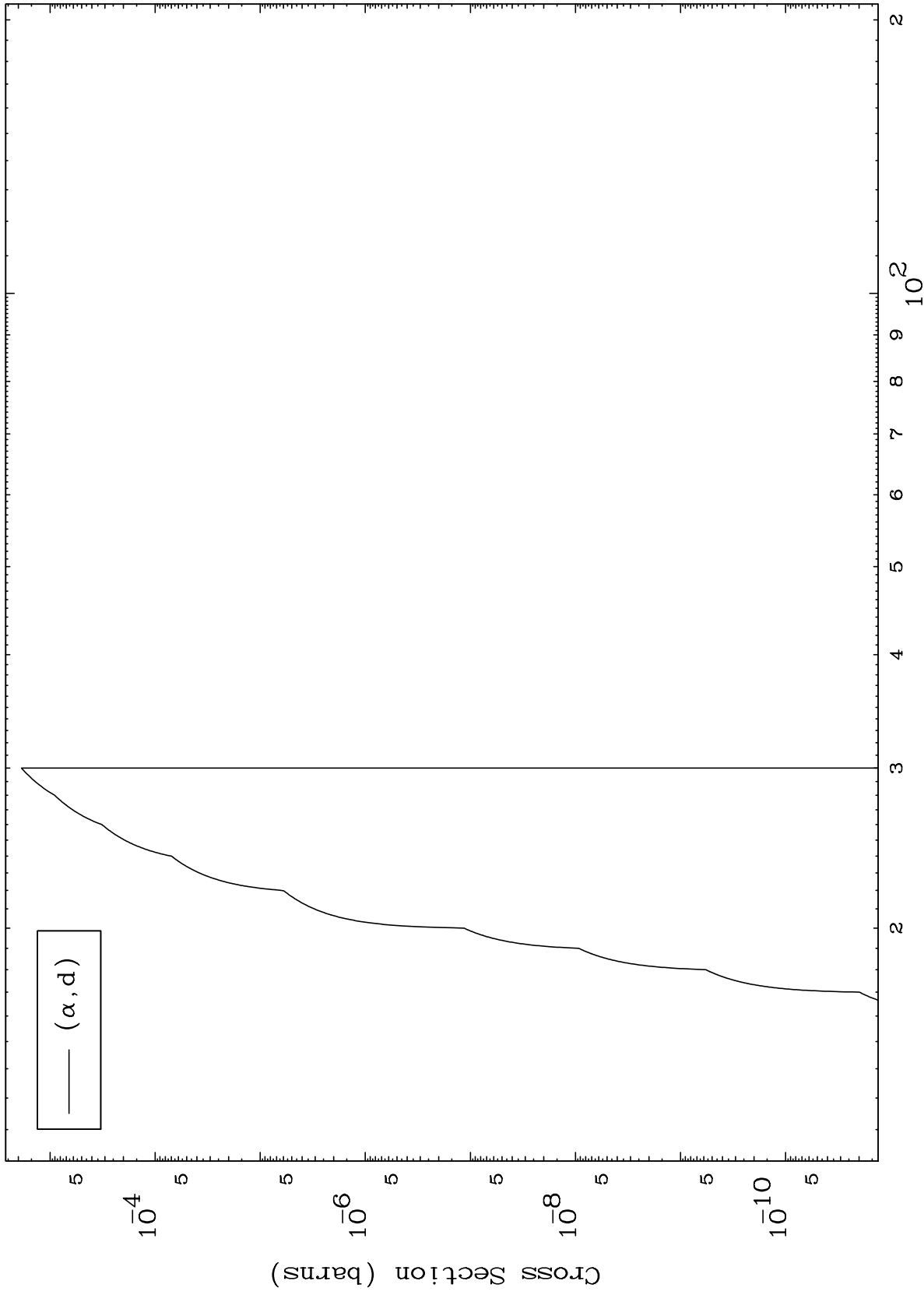
Incident Energy (MeV)

65-Tb-150

MAT 6499

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

65-Tb-150



7

Incident Energy (MeV)

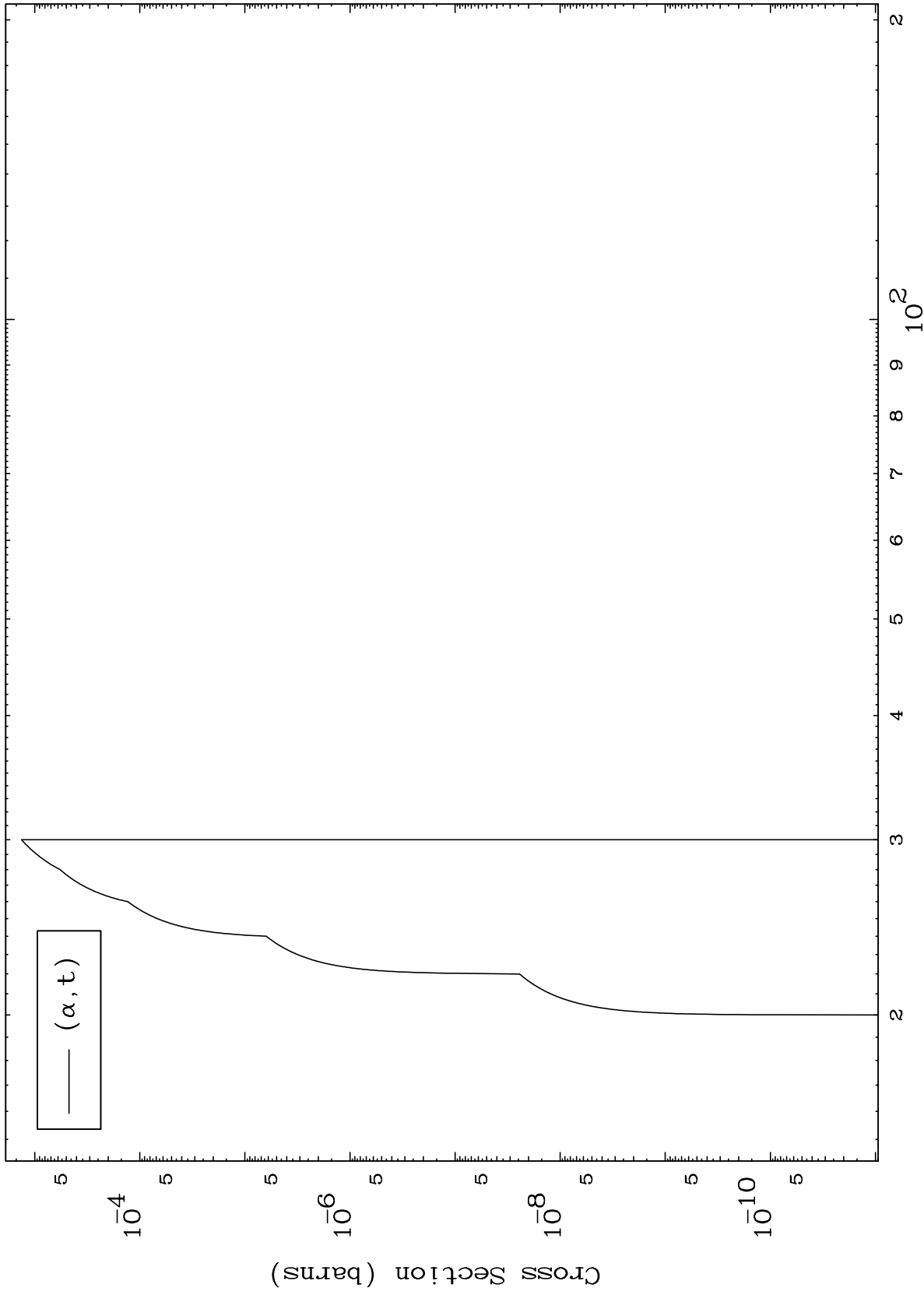
65-Tb-150



MAT 6499

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

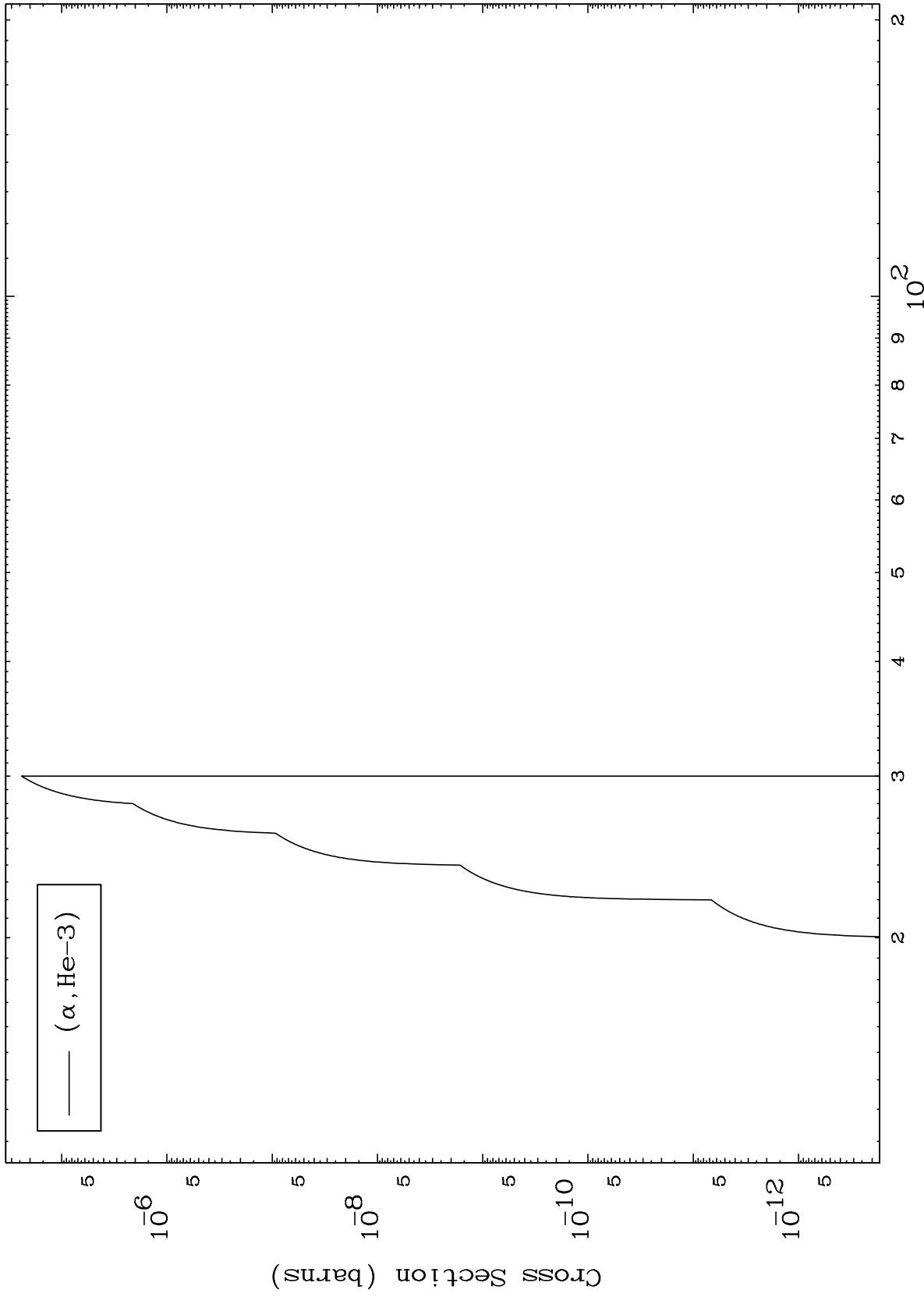
65-Tb-150



8

Incident Energy (MeV)

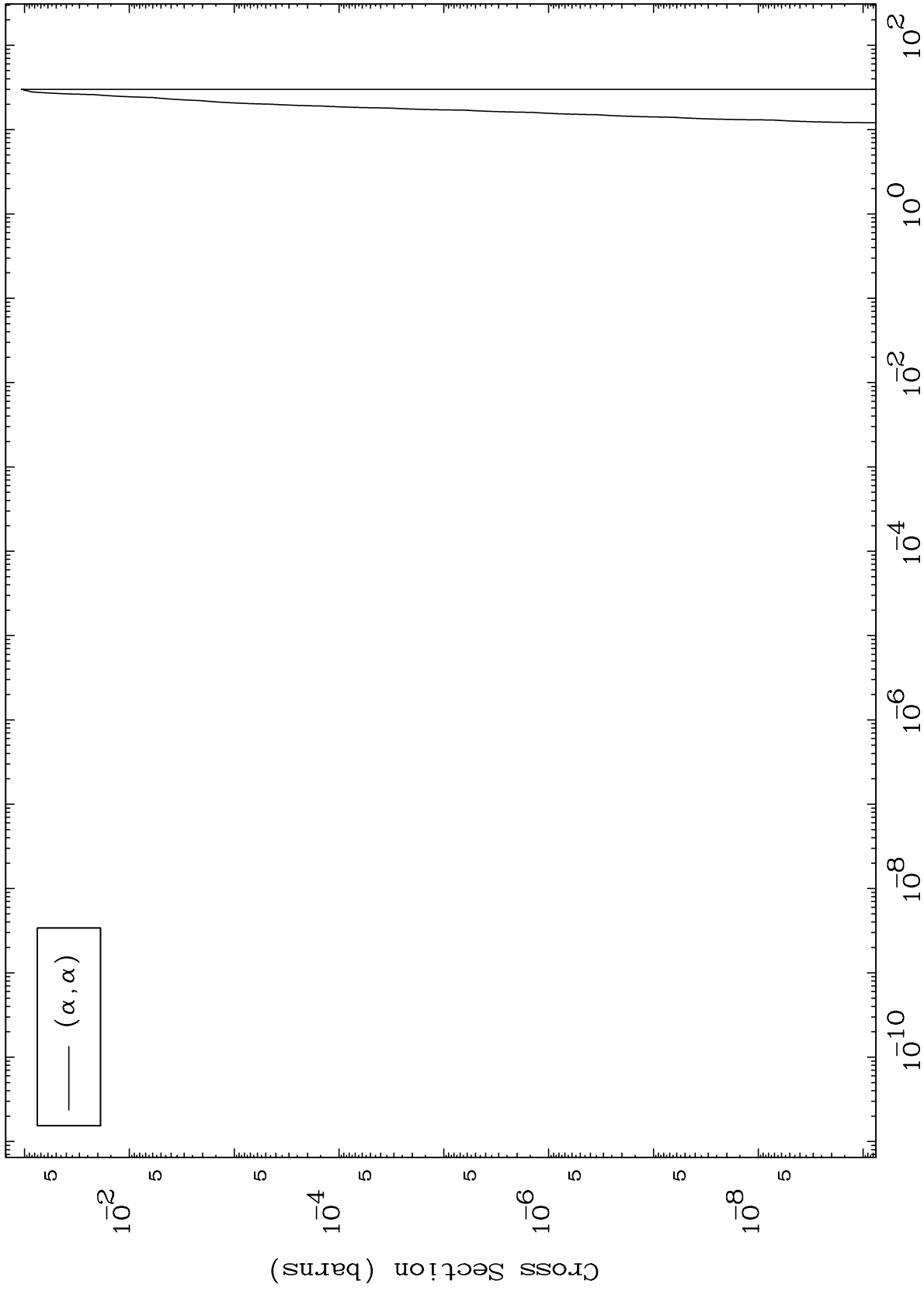
65-Tb-150



MAT 6499

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

65-Tb-150



10

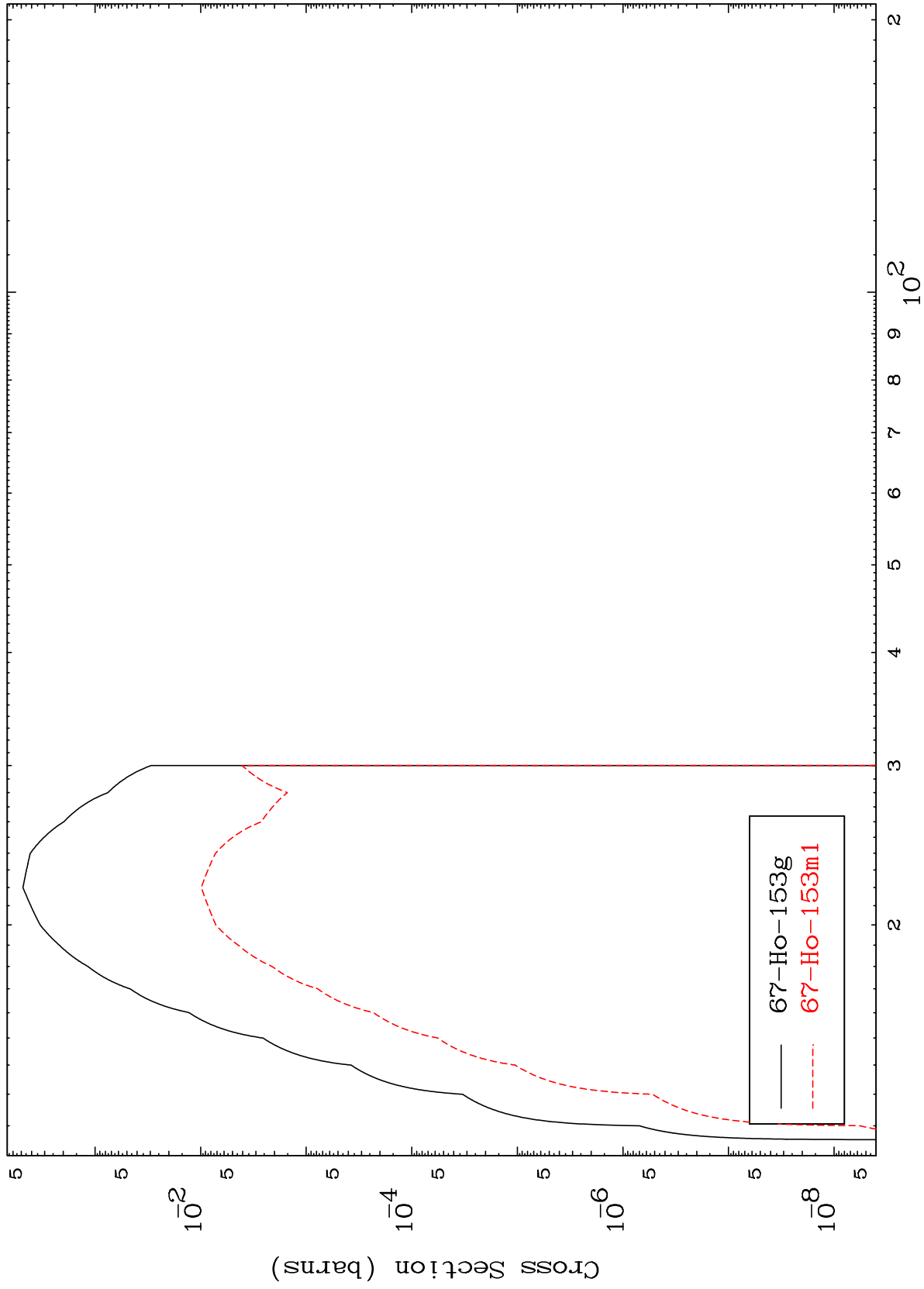
Incident Energy (MeV)

65-Tb-150

MAT 6499

Radionuclide Production Cross Section

65-Tb-150



11

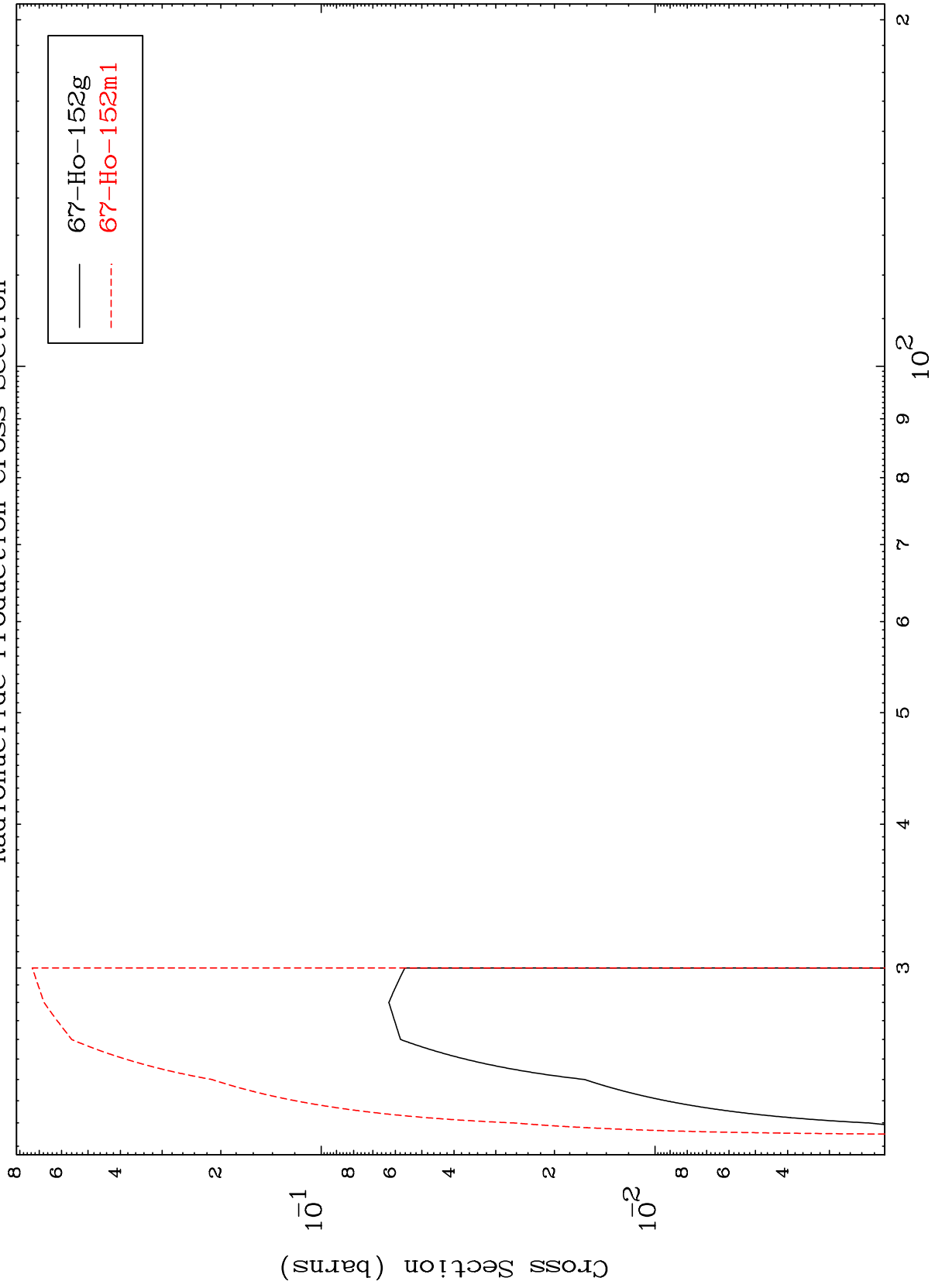
Incident Energy (MeV)

65-Tb-150

MAT 6499

65-Tb-150

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



12

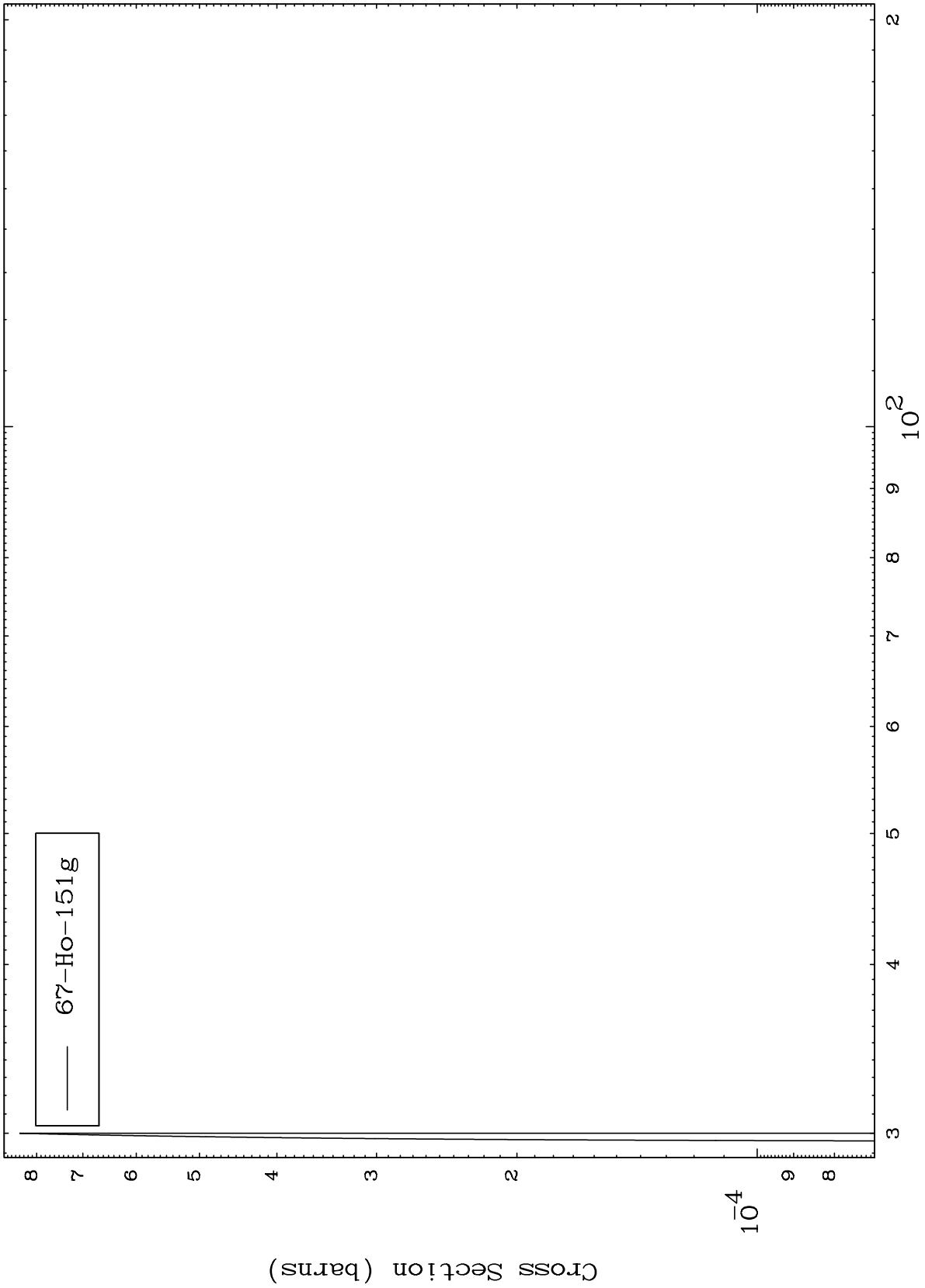
Incident Energy (MeV)

65-Tb-150

MAT 6499

65-Tb-150

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



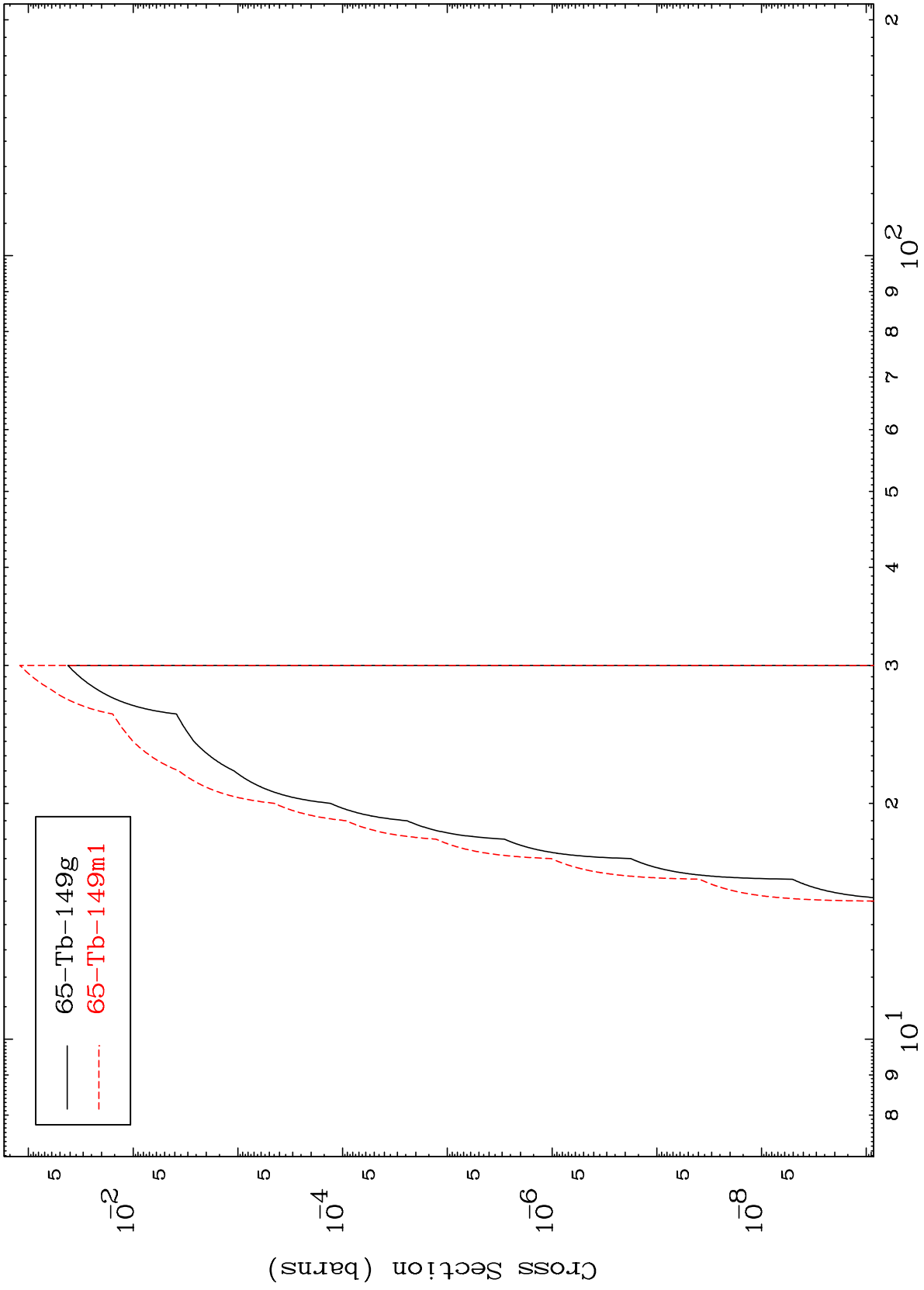
13

65-Tb-150

MAT 6499

65-Tb-150

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



14

Incident Energy (MeV)

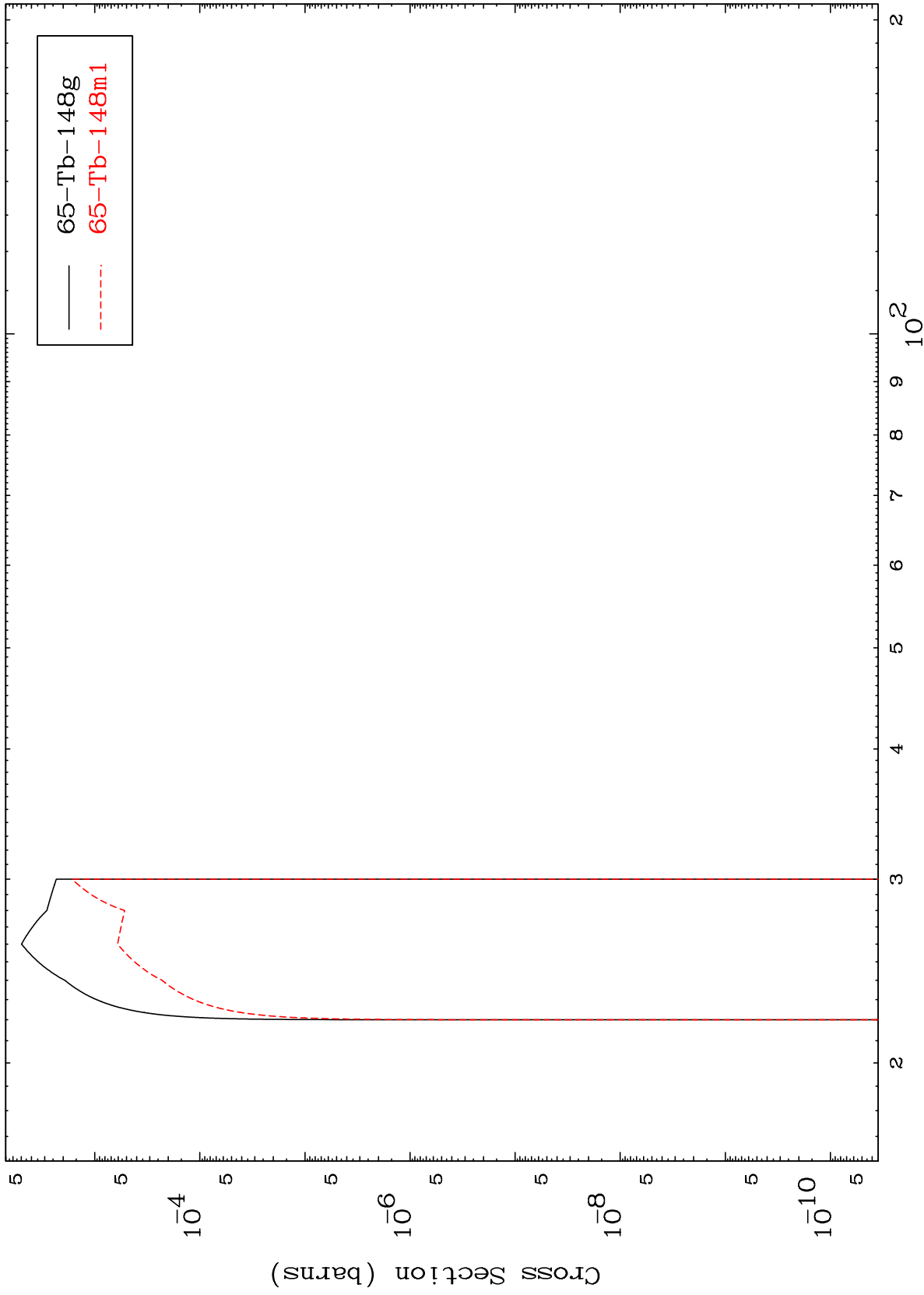
65-Tb-150

MAT 6499

$(\alpha, 2n) \alpha$

65-Tb-150

Radionuclide Production Cross Section



15

Incident Energy (MeV)

65-Tb-150

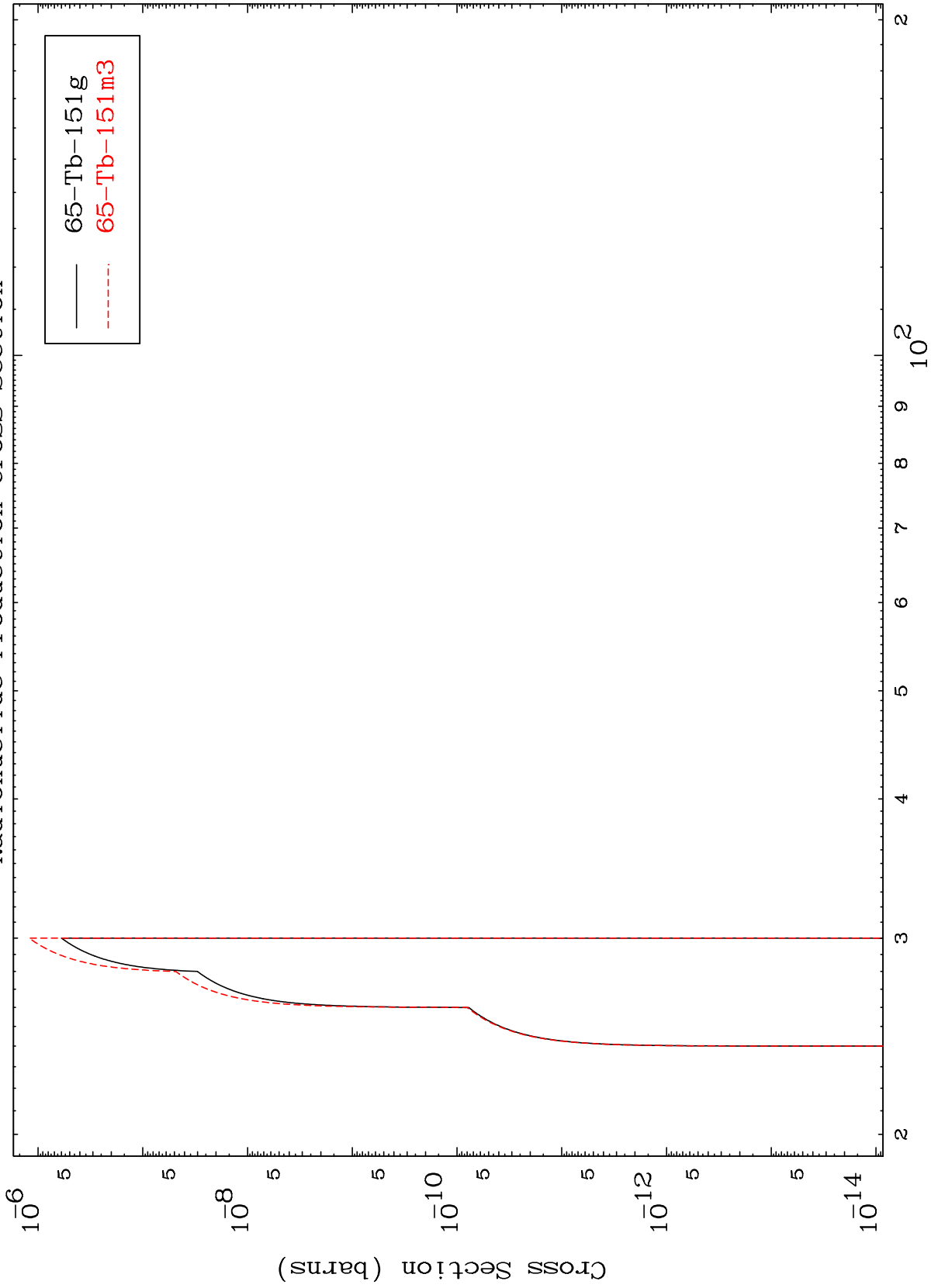


MAT 6499

( $\alpha, 2n$ ) p

65-Tb-150

Radionuclide Production Cross Section



16

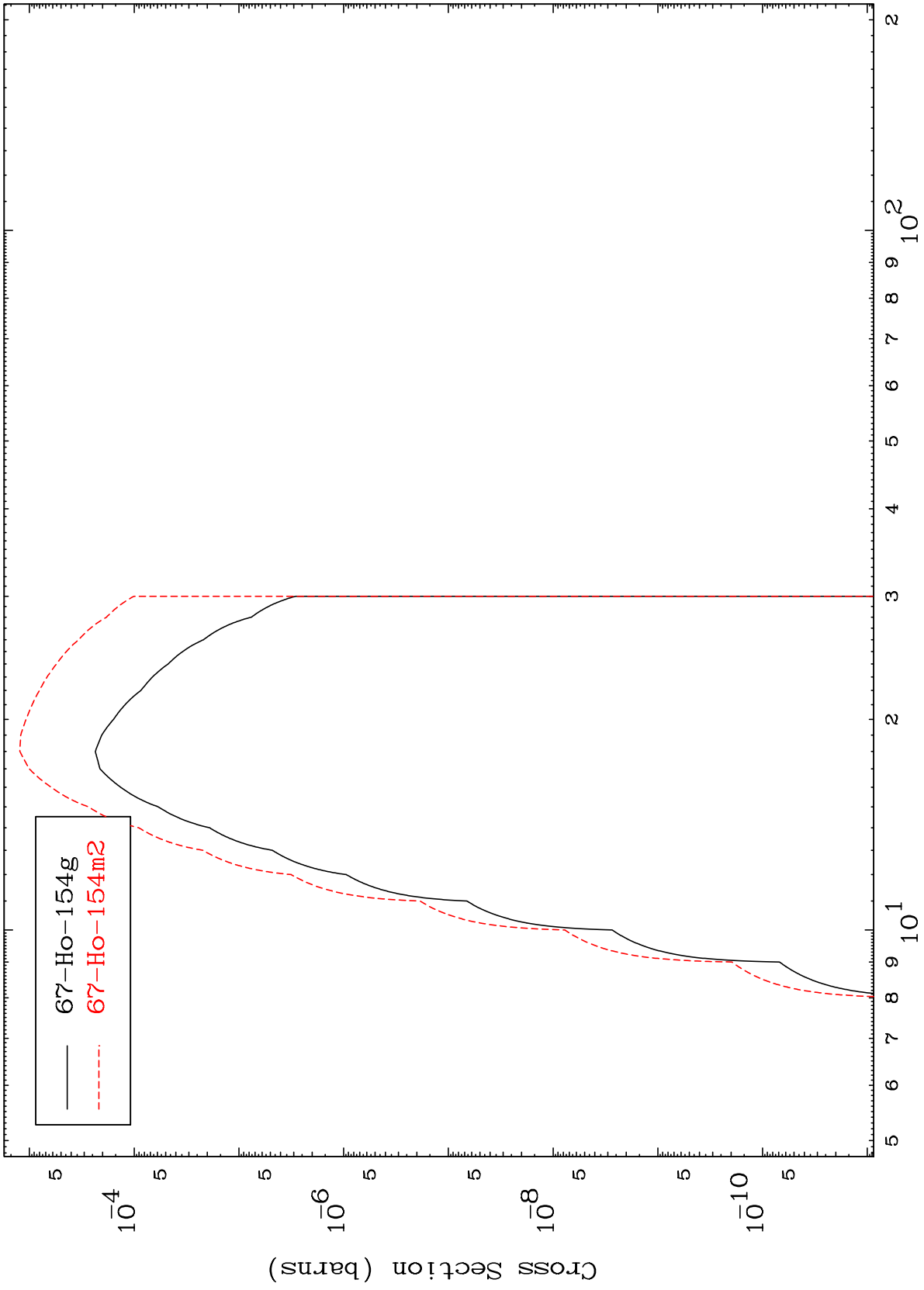
Incident Energy (MeV)

65-Tb-150

MAT 6499

65-Tb-150

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



17

65-Tb-150

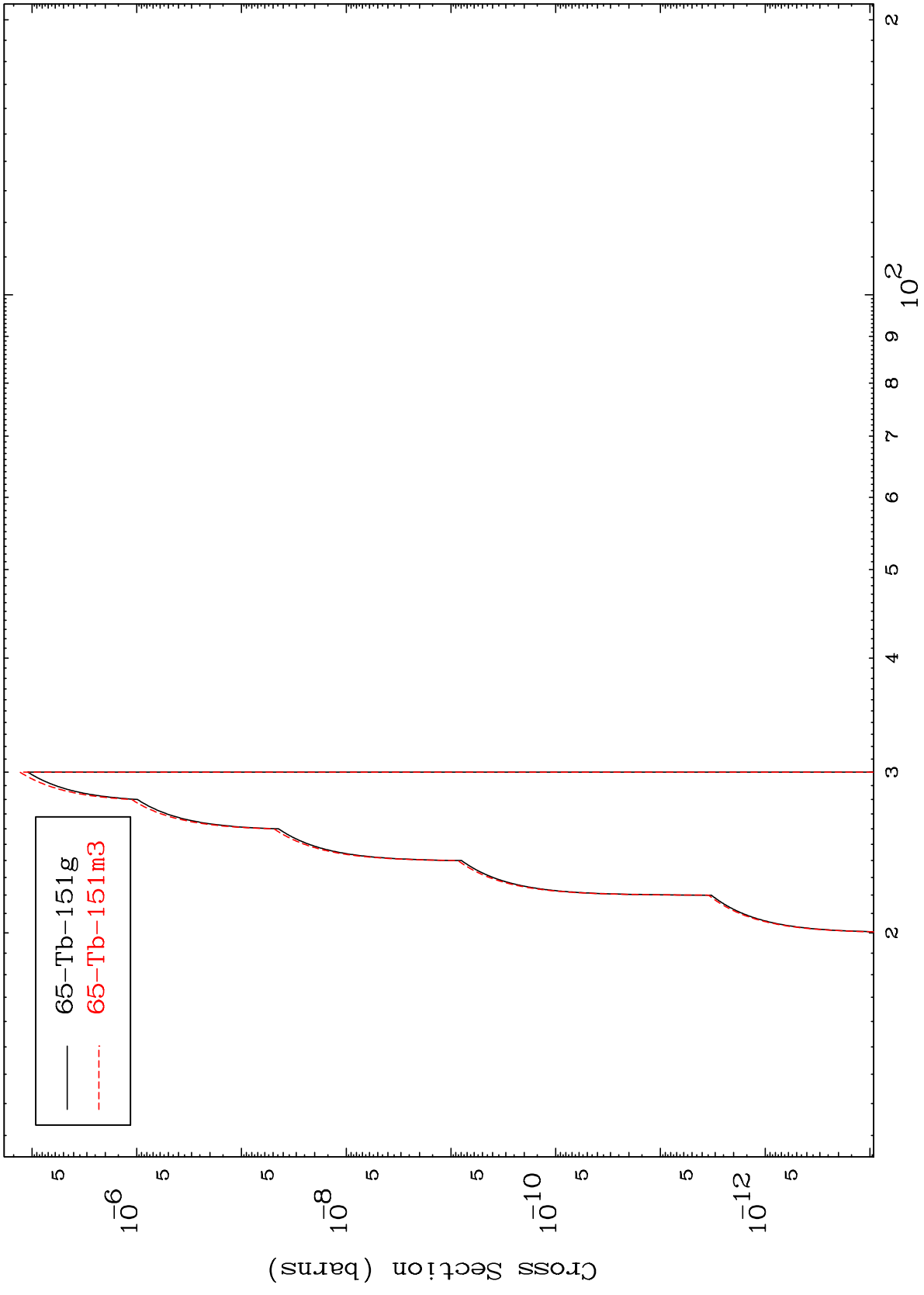
Incident Energy (MeV)

MAT 6499

( $\alpha, \text{He-3}$ )

65-Tb-150

Radionuclide Production Cross Section



18

Incident Energy (MeV)

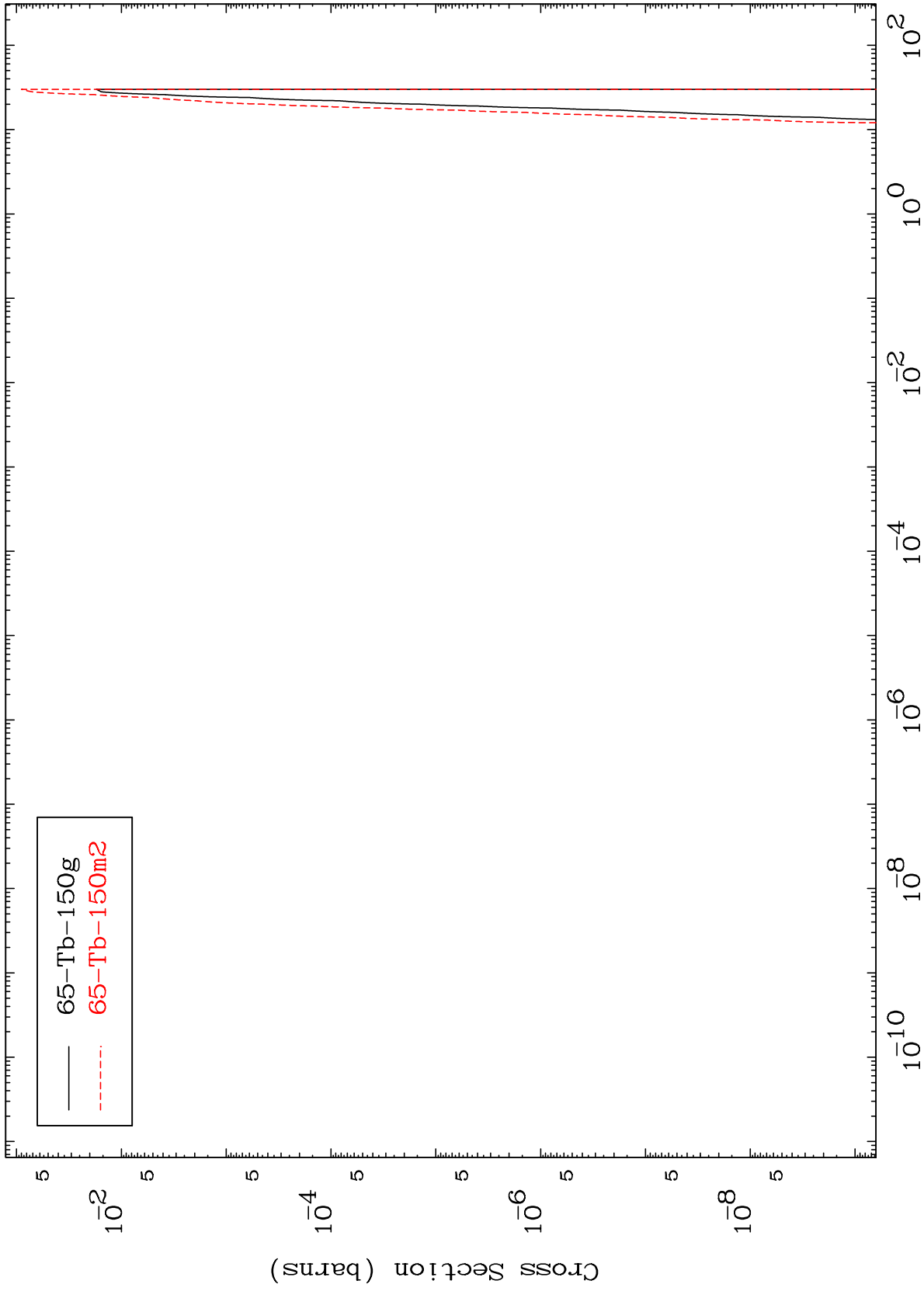
65-Tb-150

MAT 6499

( $\alpha, \alpha$ )

65-Tb-150

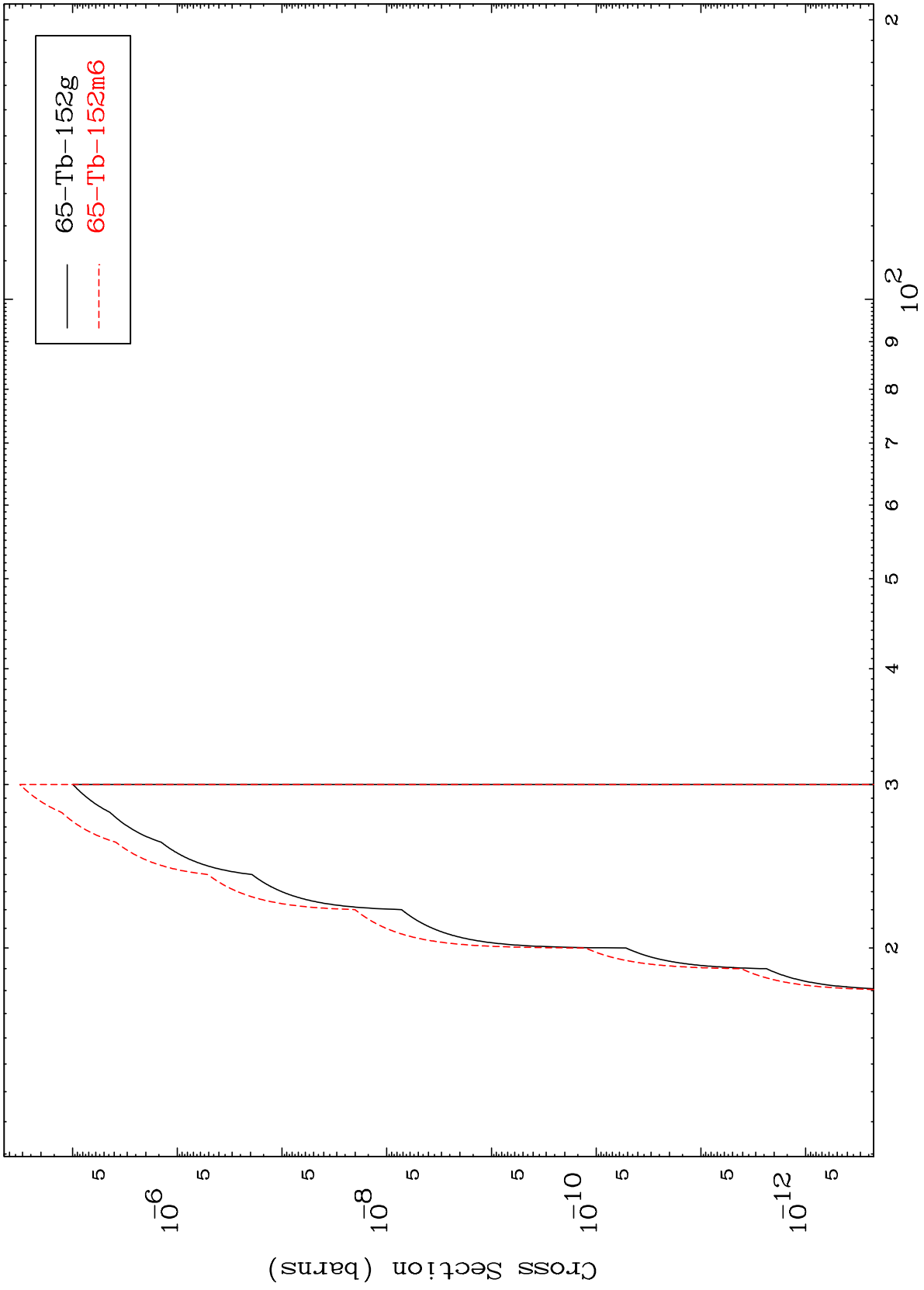
Radionuclide Production Cross Section



MAT 6499

65-Tb-150

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



20

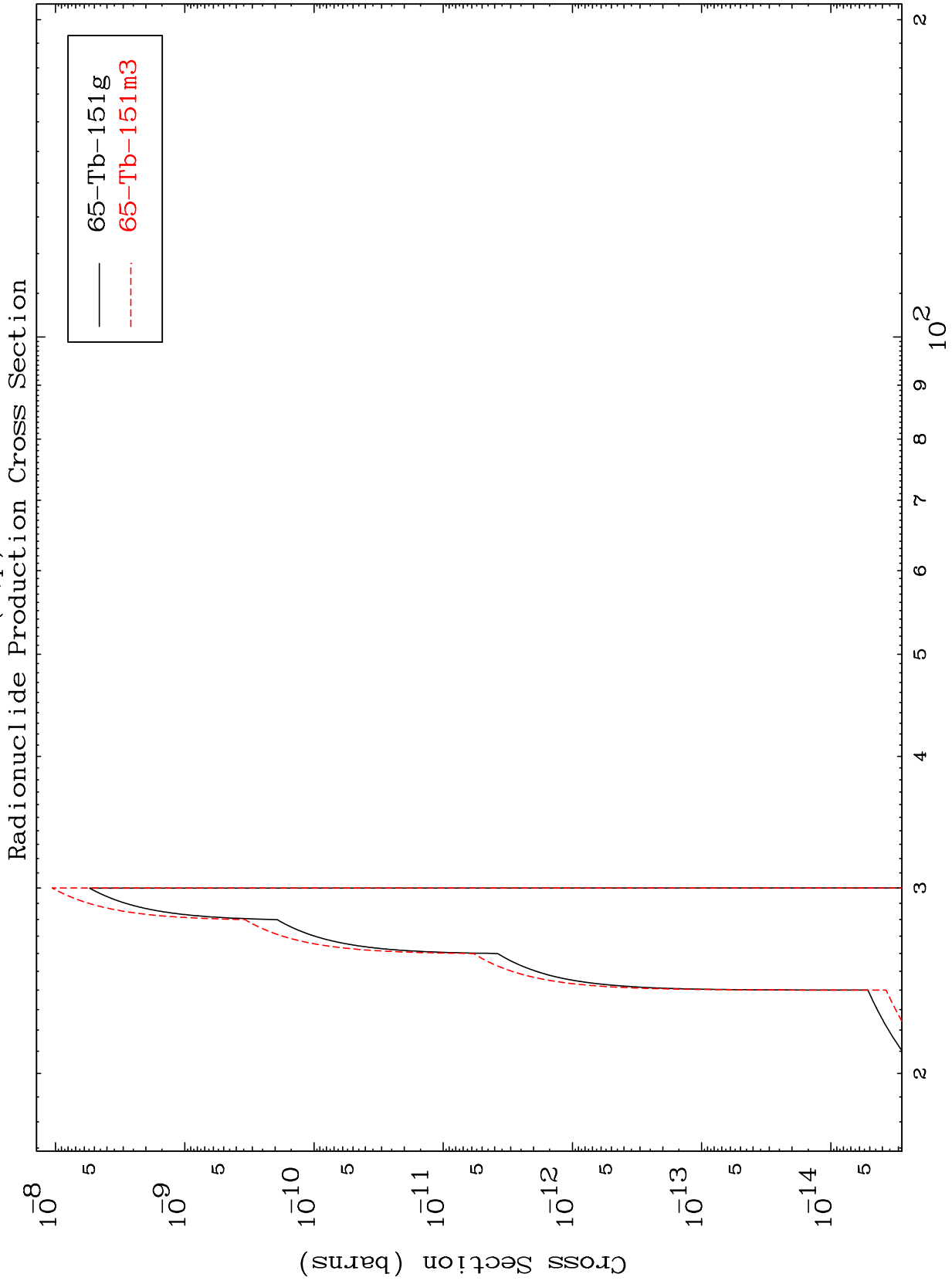
Incident Energy (MeV)

65-Tb-150

MAT 6499

( $\alpha, p$ ) d

65-Tb-150



21

Incident Energy (MeV)

65-Tb-150