

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

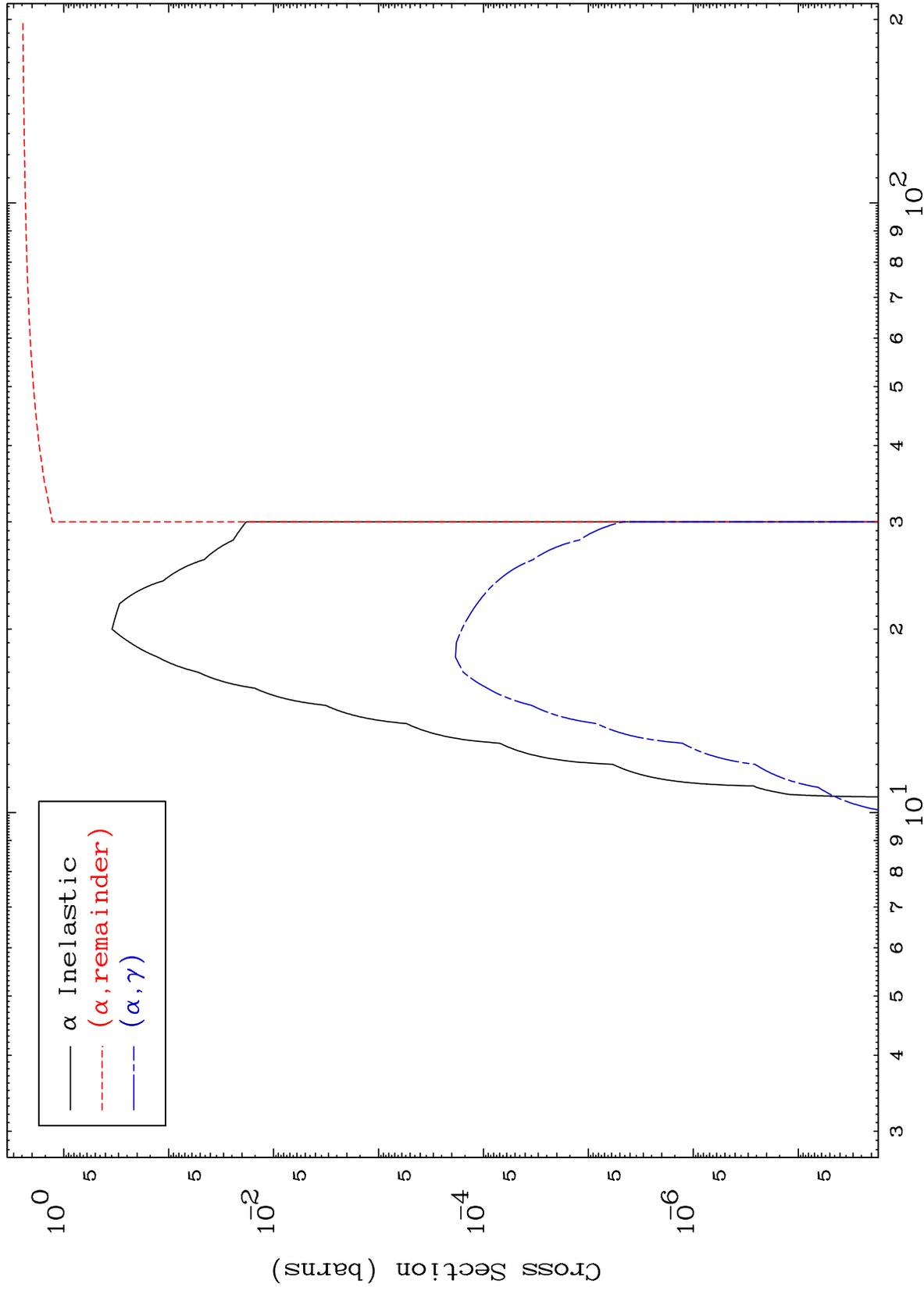
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6504

0 Kelvin  $\alpha$  Major

65-Tb-152



1

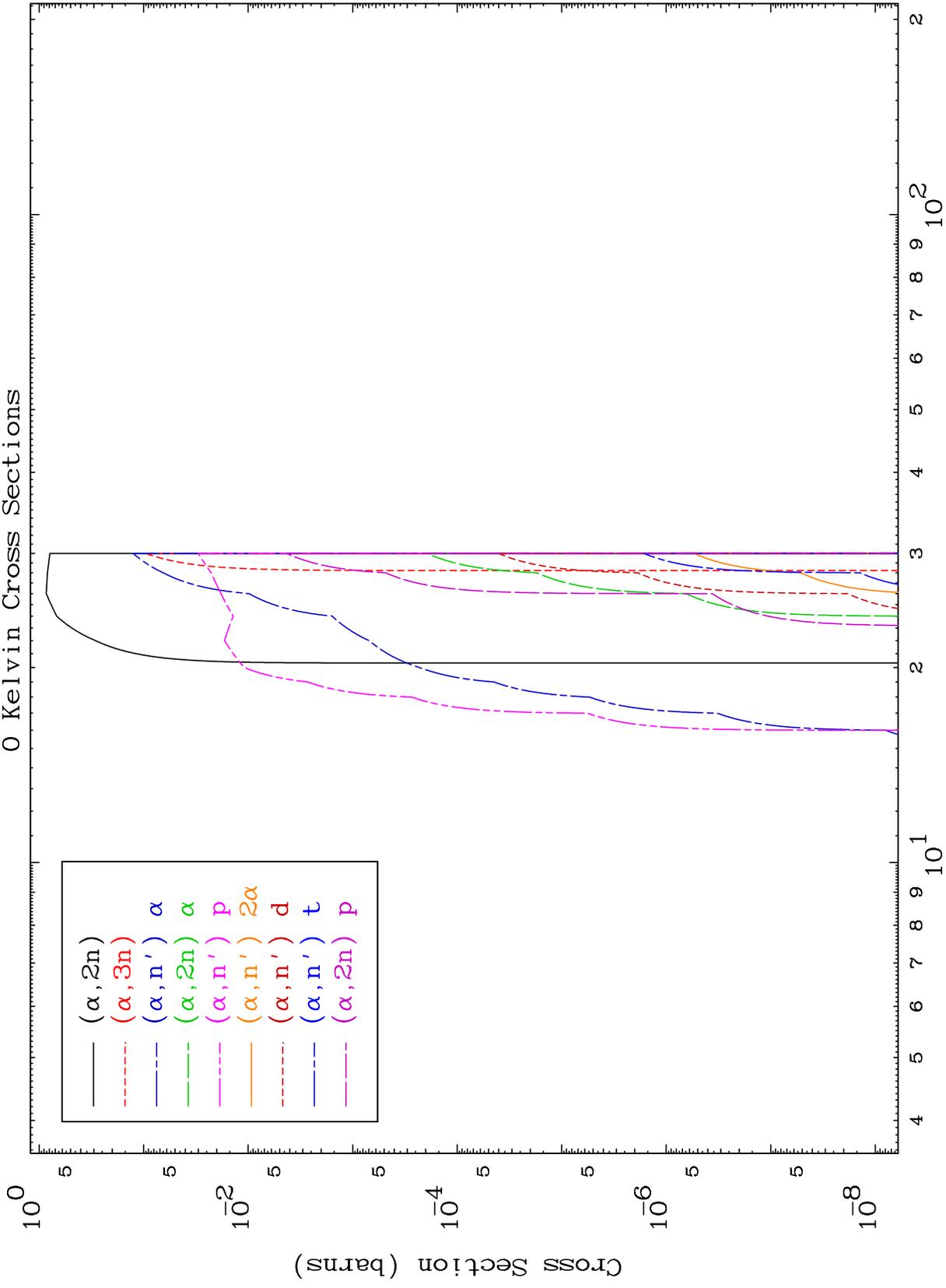
Incident Energy (MeV)

65-Tb-152

MAT 6504

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

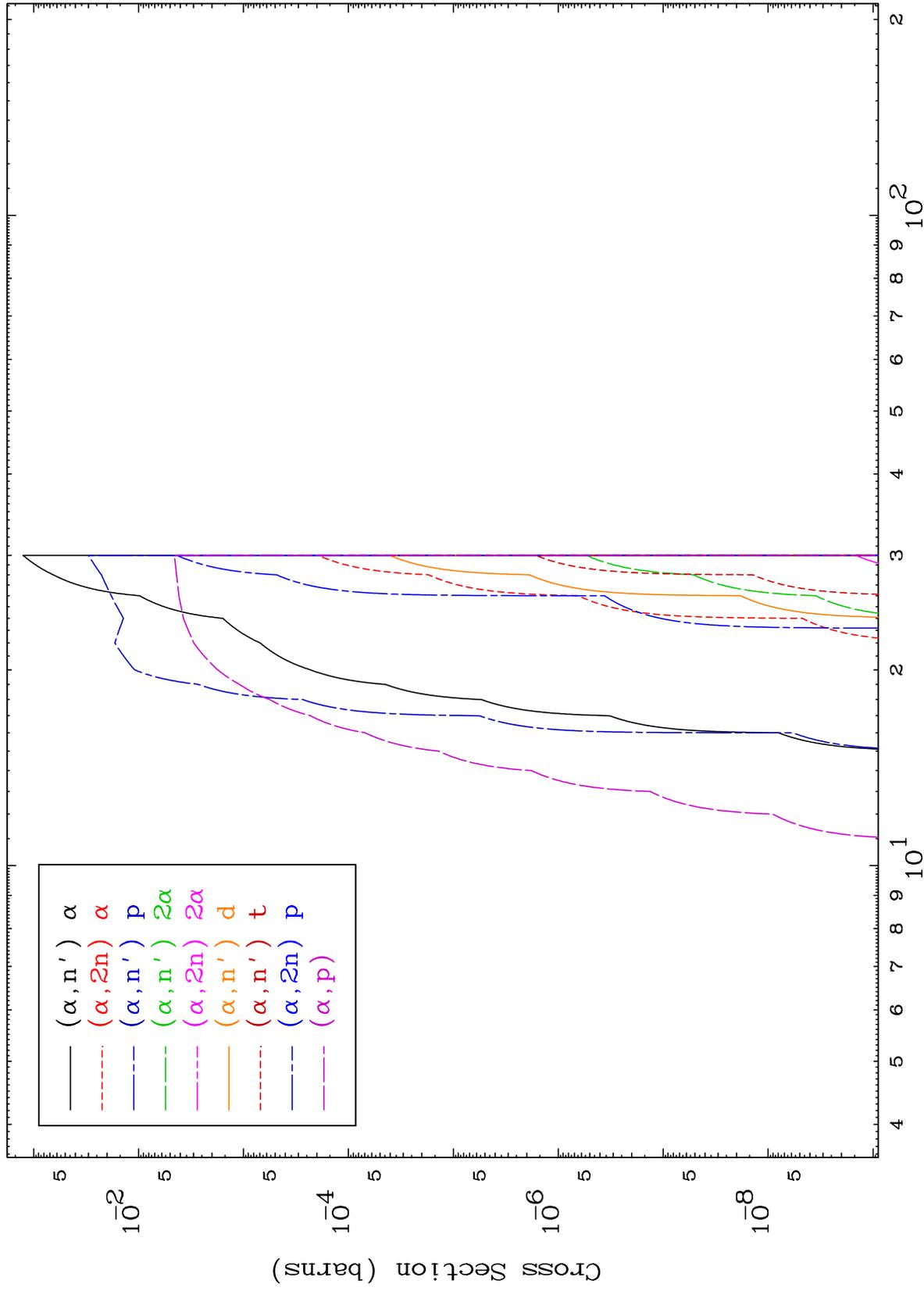
65-Tb-152



2

Incident Energy (MeV)

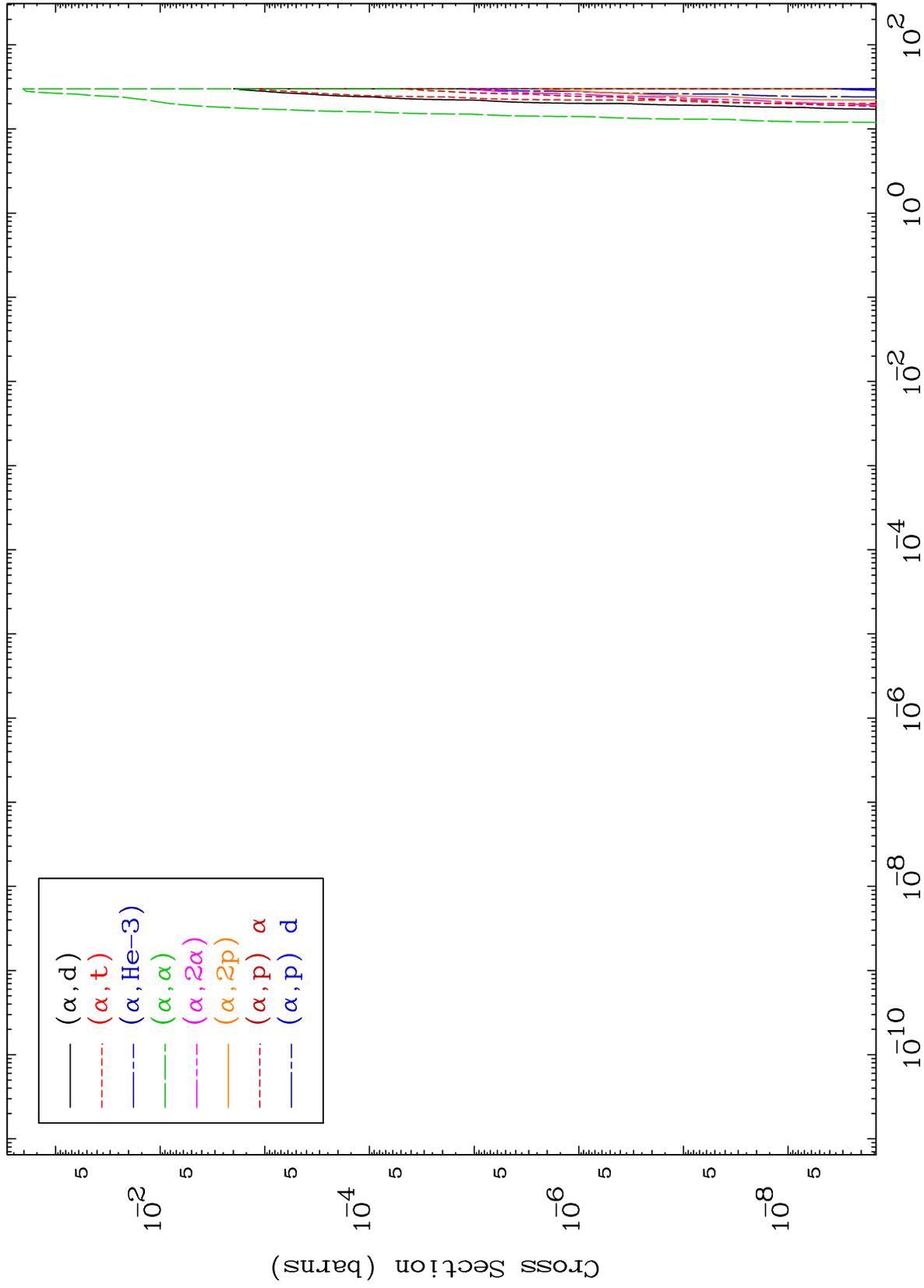
65-Tb-152



MAT 6504

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

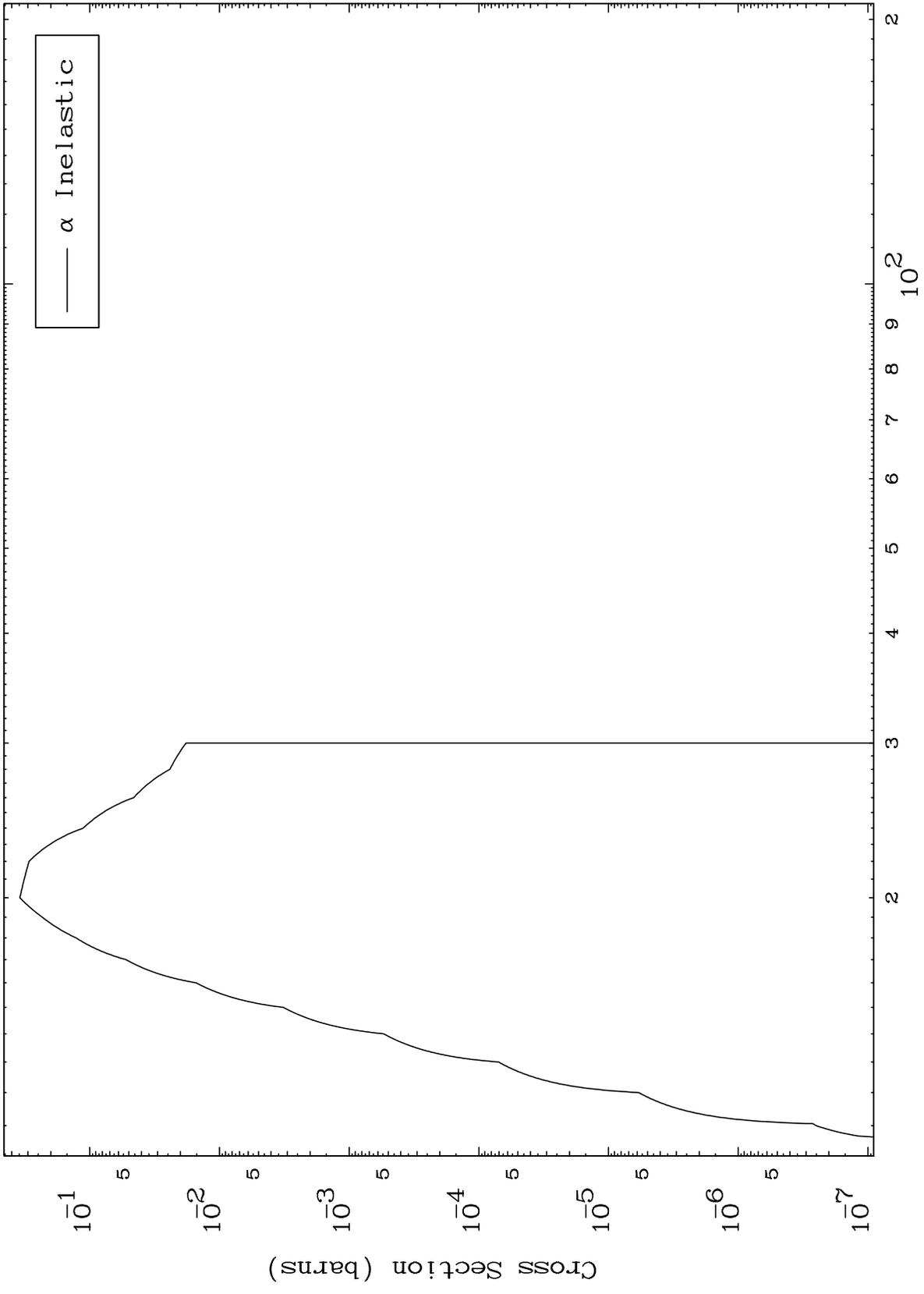
65-Tb-152



MAT 6504

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

65-Tb-152



5

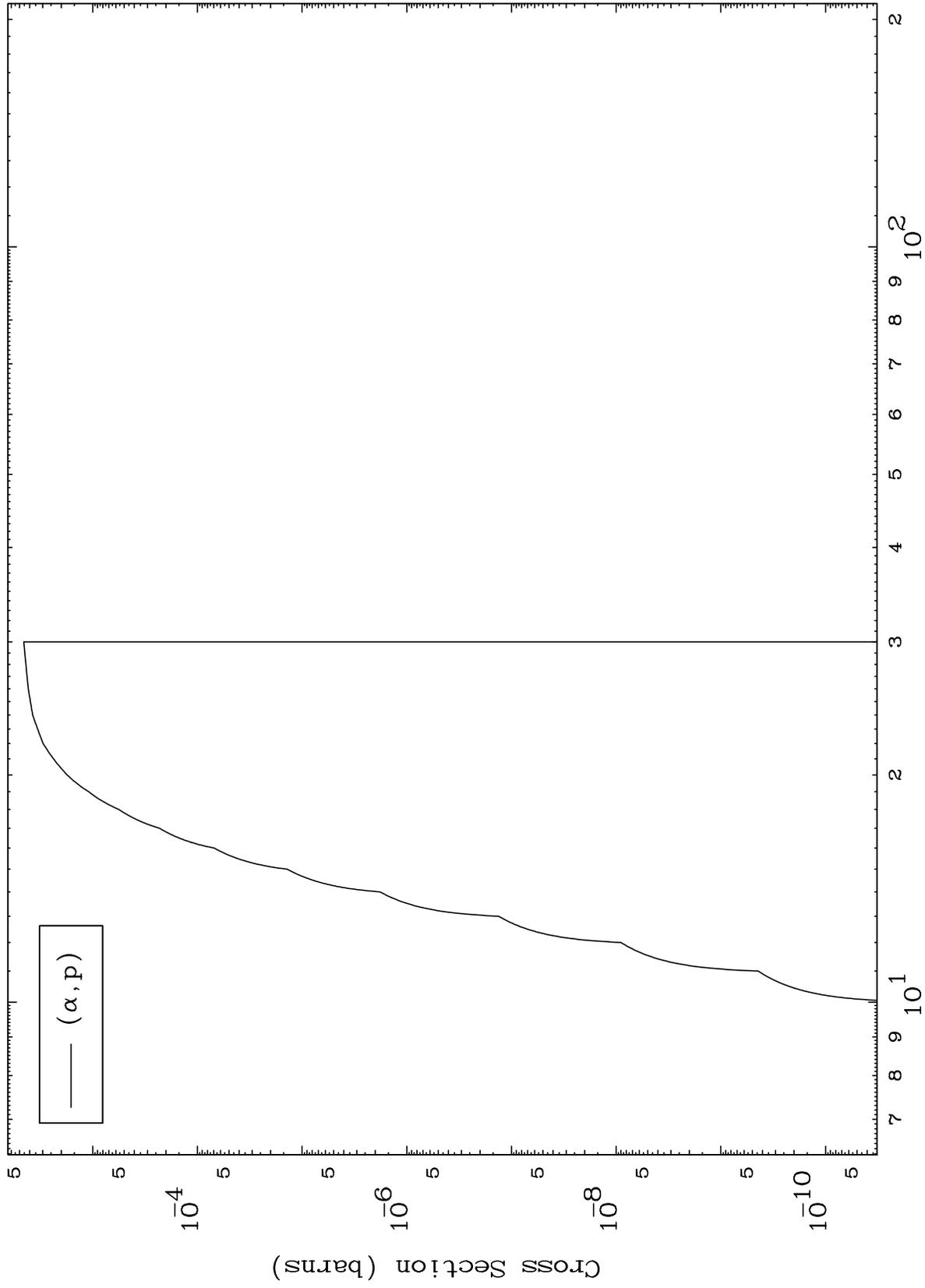
Incident Energy (MeV)

65-Tb-152

MAT 6504

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

65-Tb-152



6

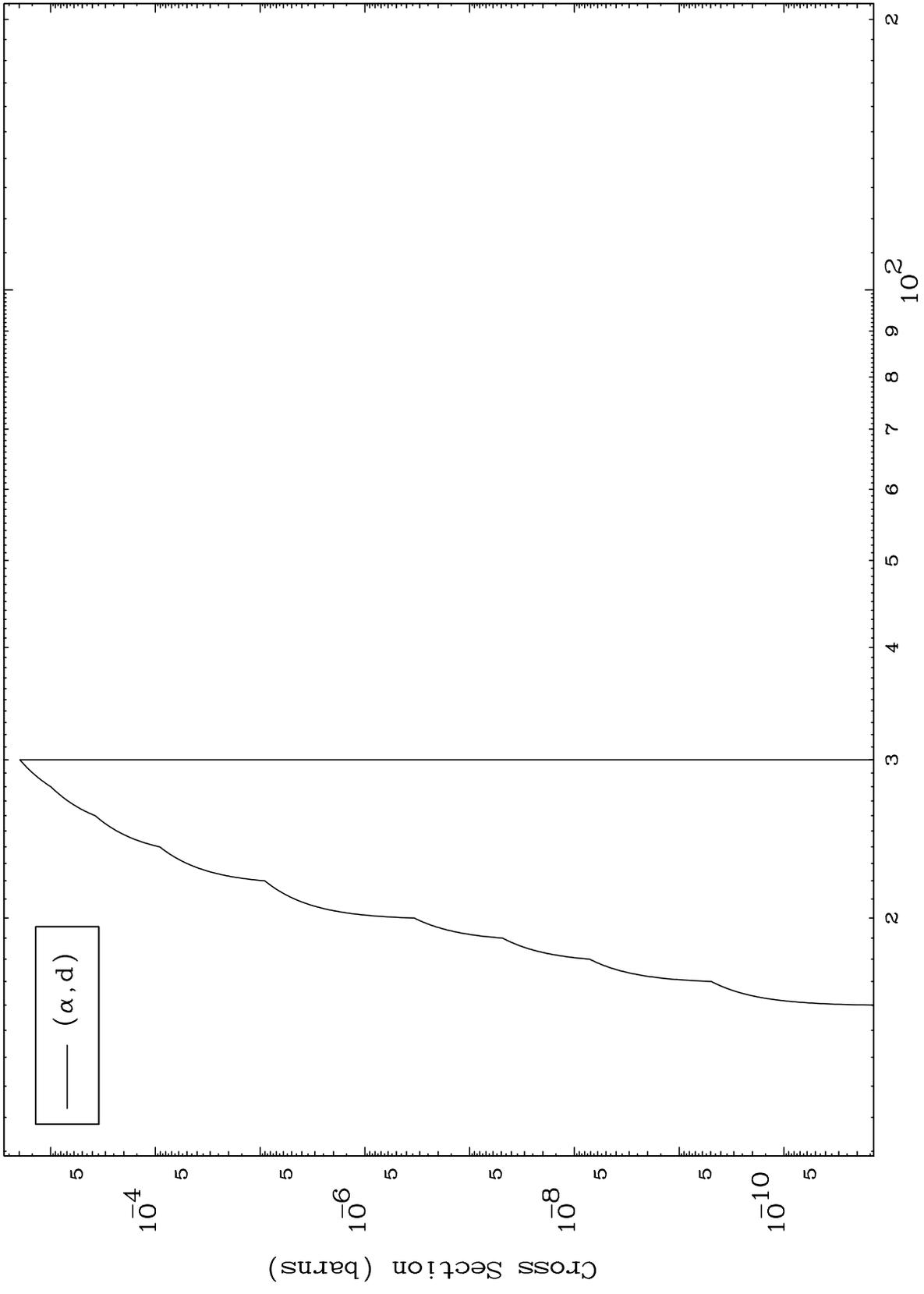
Incident Energy (MeV)

65-Tb-152

MAT 6504

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

65-Tb-152



7

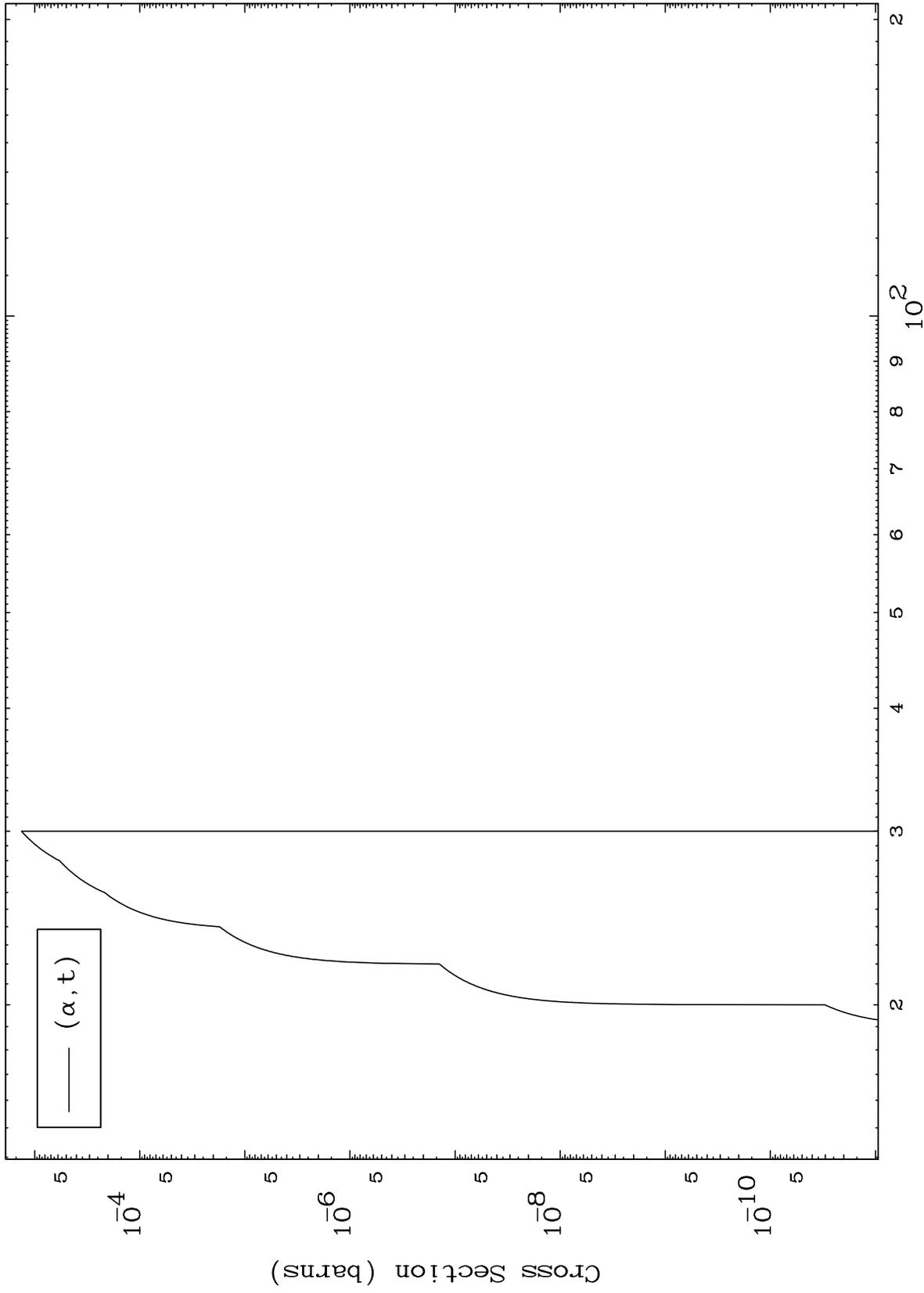
Incident Energy (MeV)

65-Tb-152

MAT 6504

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

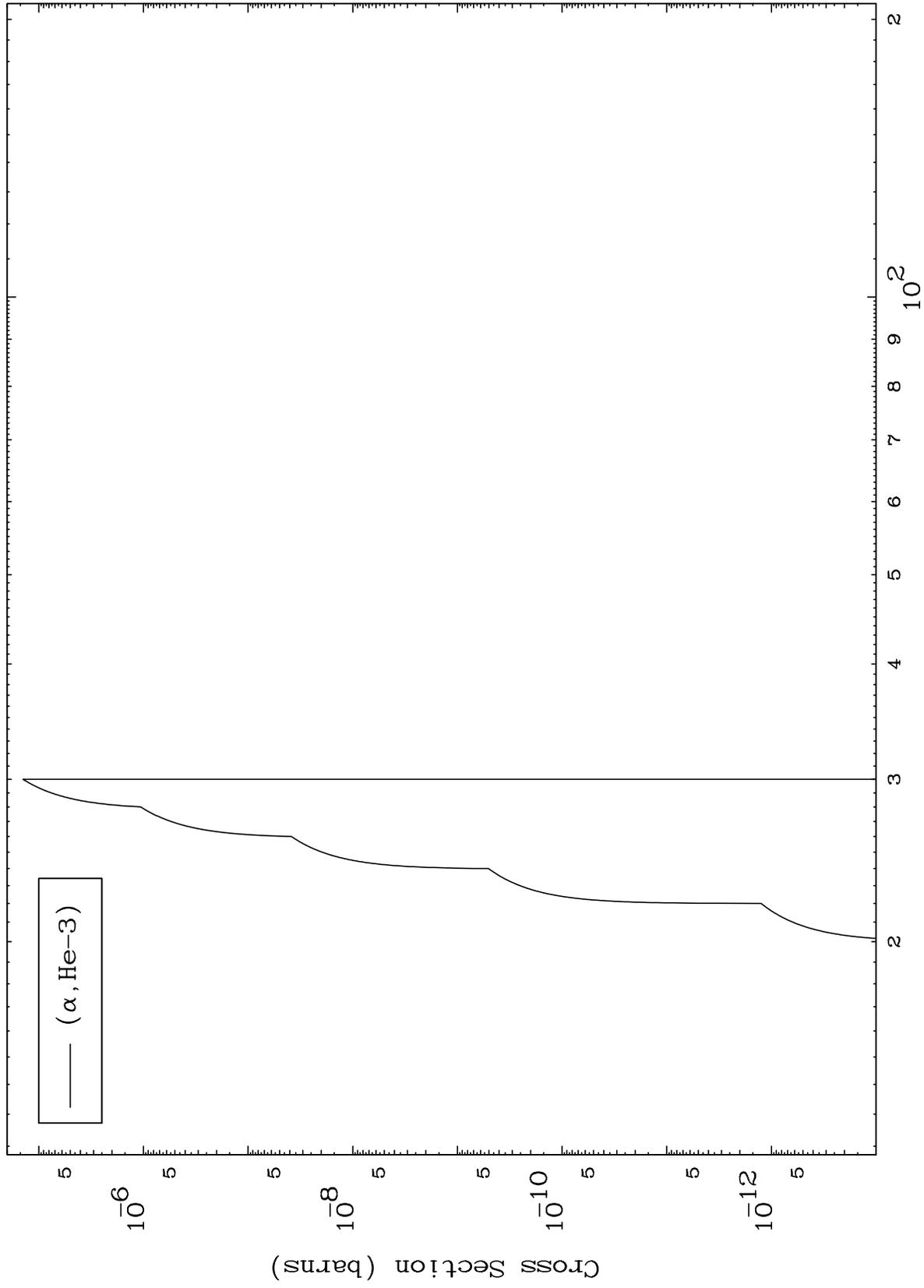
65-Tb-152



8

Incident Energy (MeV)

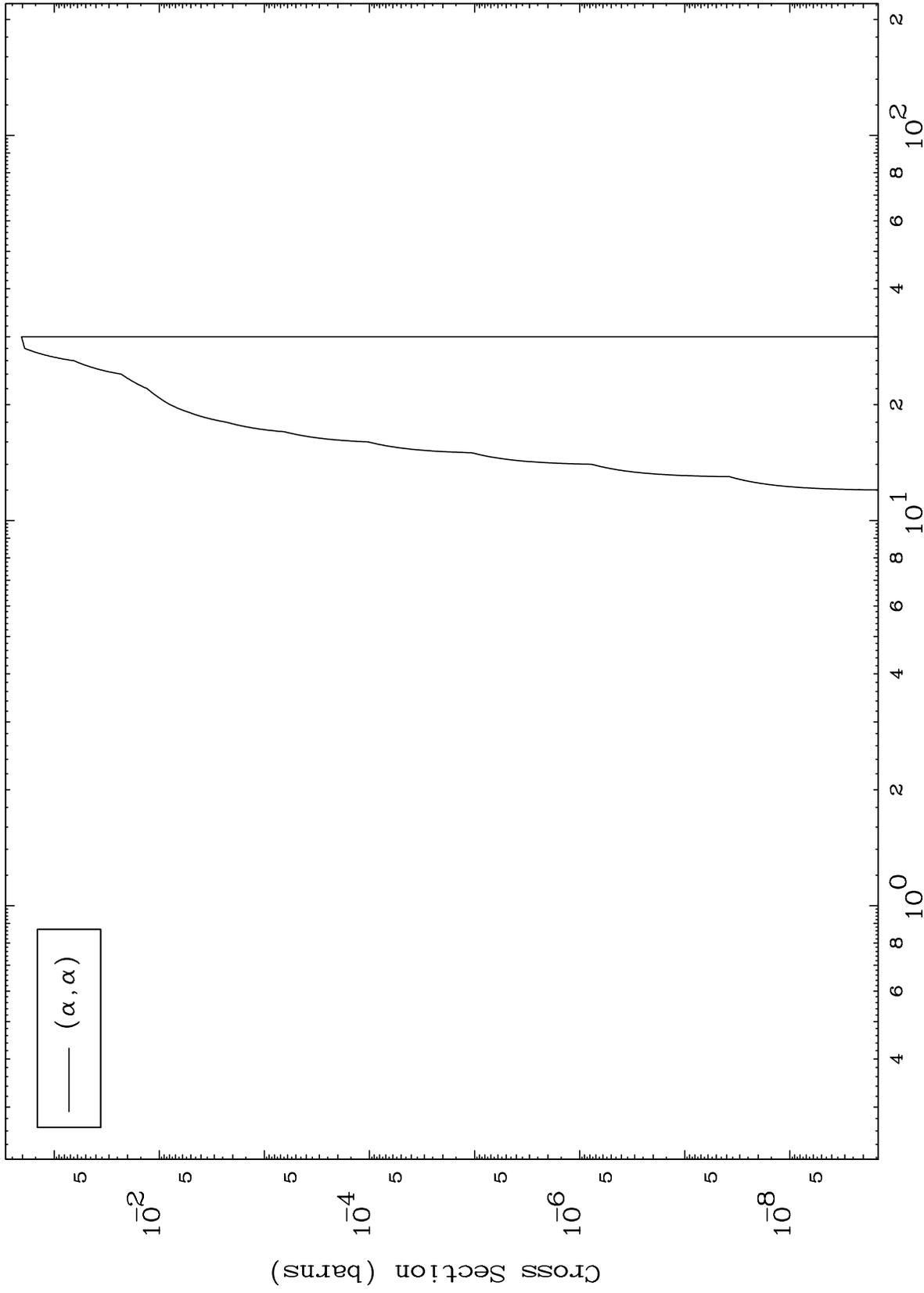
65-Tb-152



MAT 6504

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

65-Tb-152



10

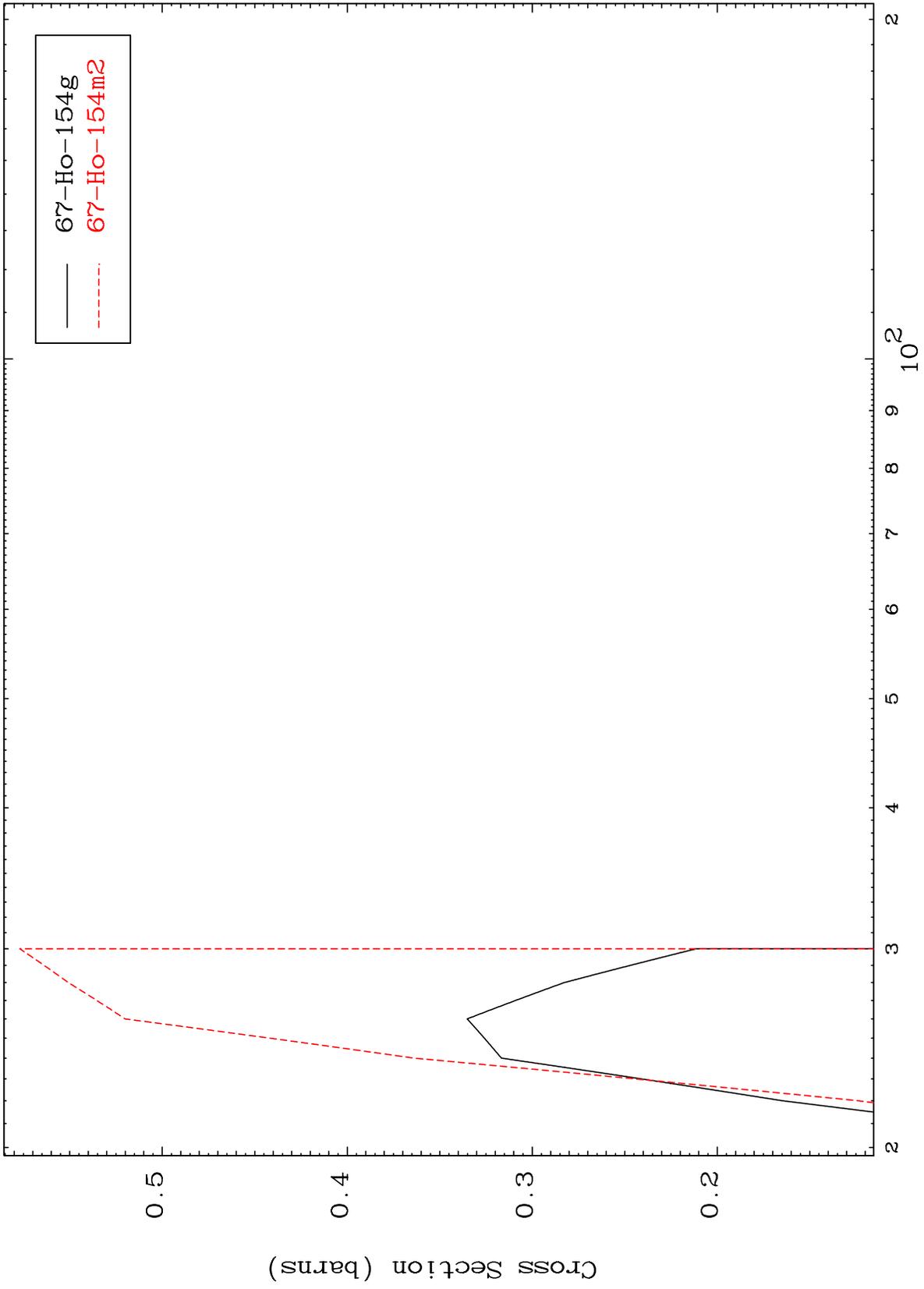
Incident Energy (MeV)

65-Tb-152

MAT 6504

65-Tb-152

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



11

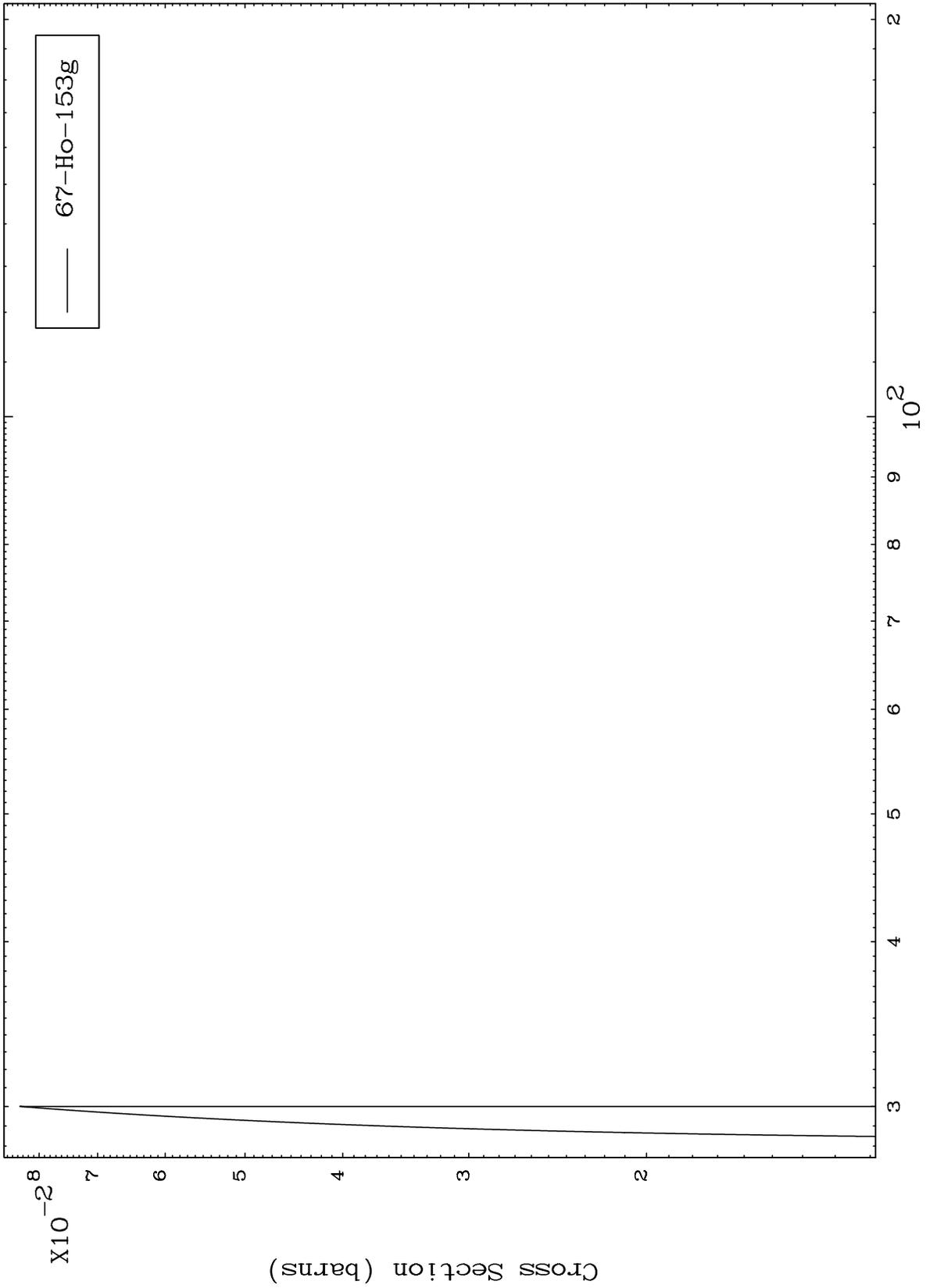
Incident Energy (MeV)

65-Tb-152

MAT 6504

65-Tb-152

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



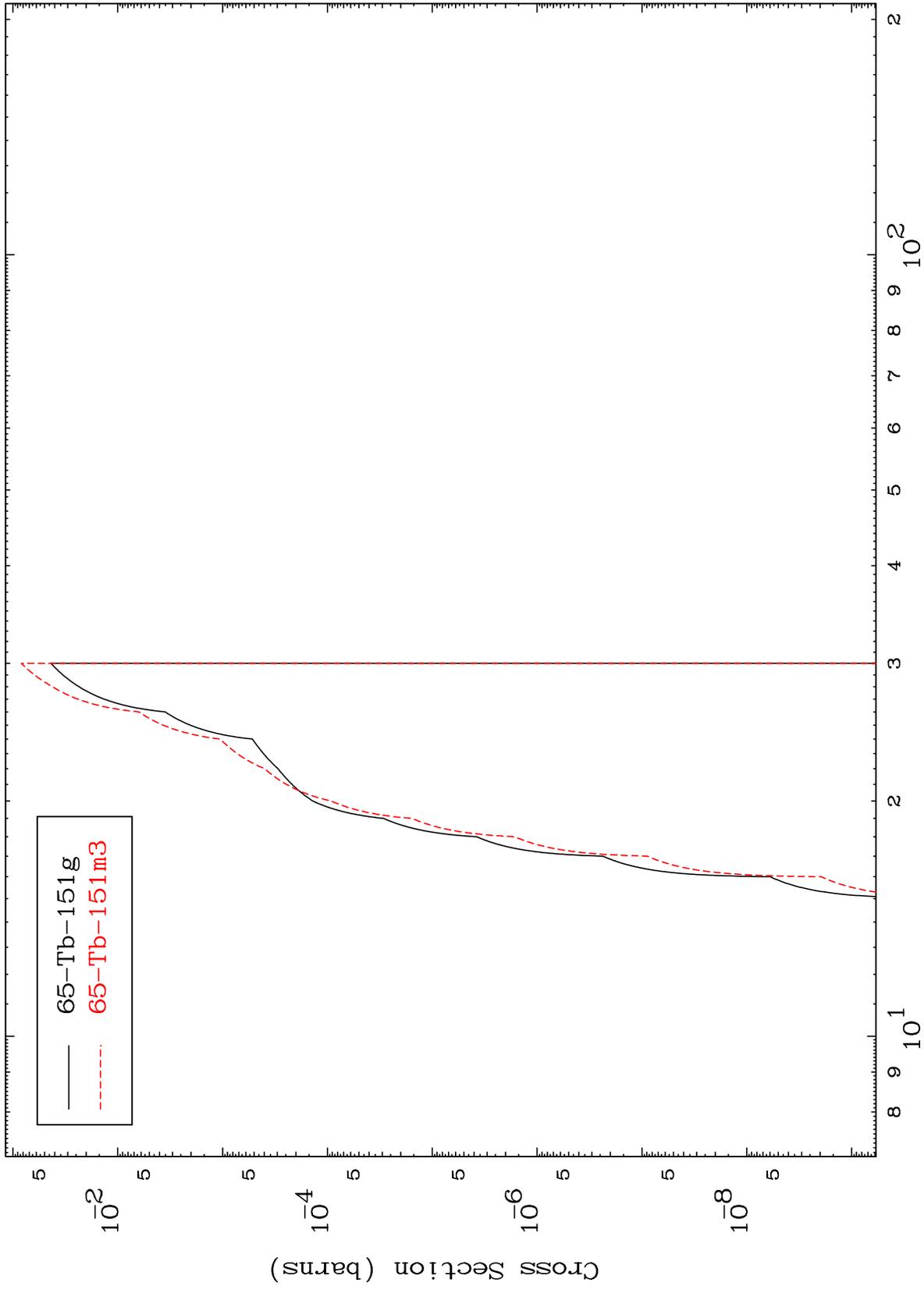
12

65-Tb-152

MAT 6504

65-Tb-152

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



13

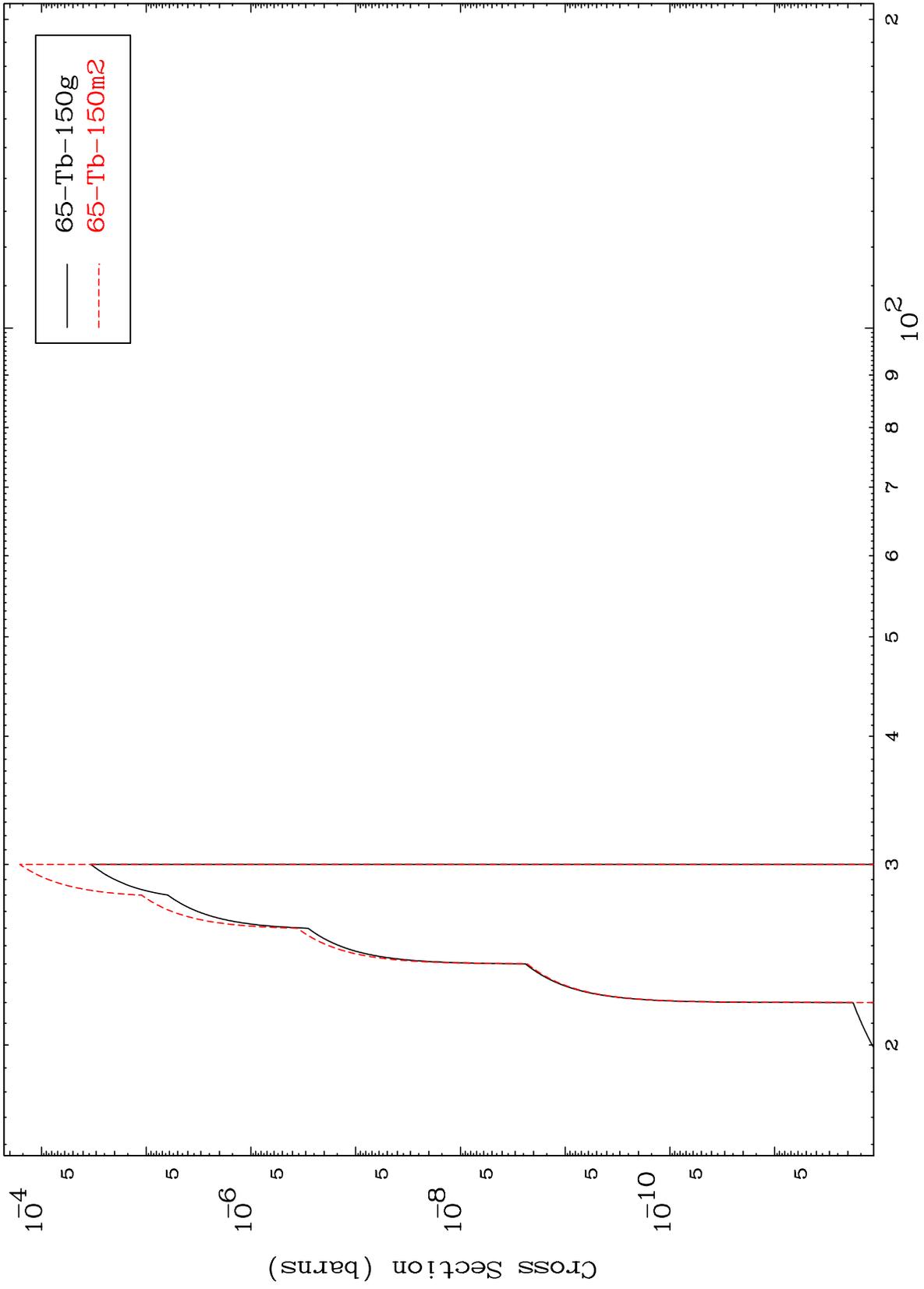
65-Tb-152

MAT 6504

$(\alpha, 2n) \alpha$

65-Tb-152

Radionuclide Production Cross Section



14

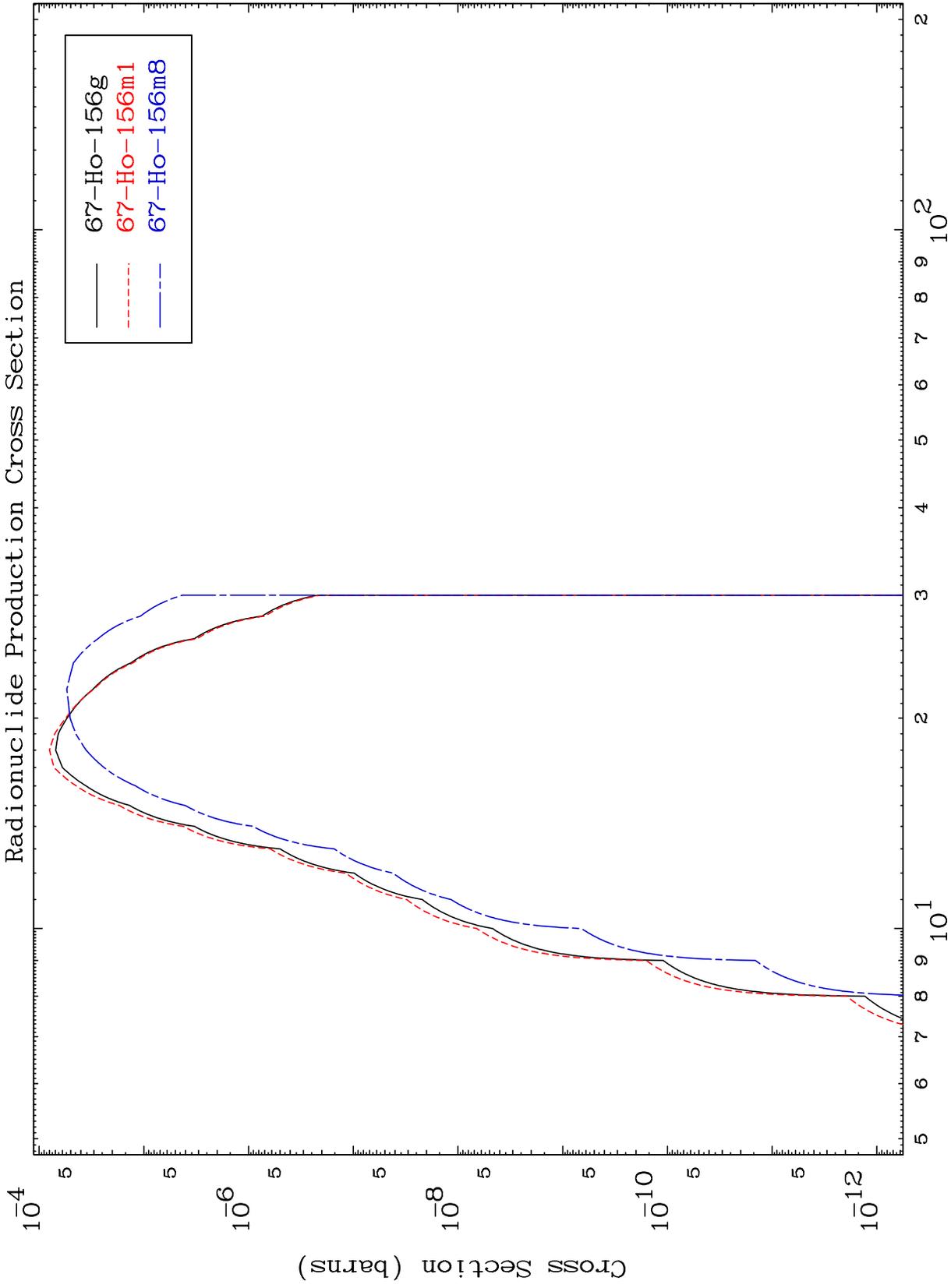
Incident Energy (MeV)

65-Tb-152

MAT 6504

65-Tb-152

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



15

Incident Energy (MeV)

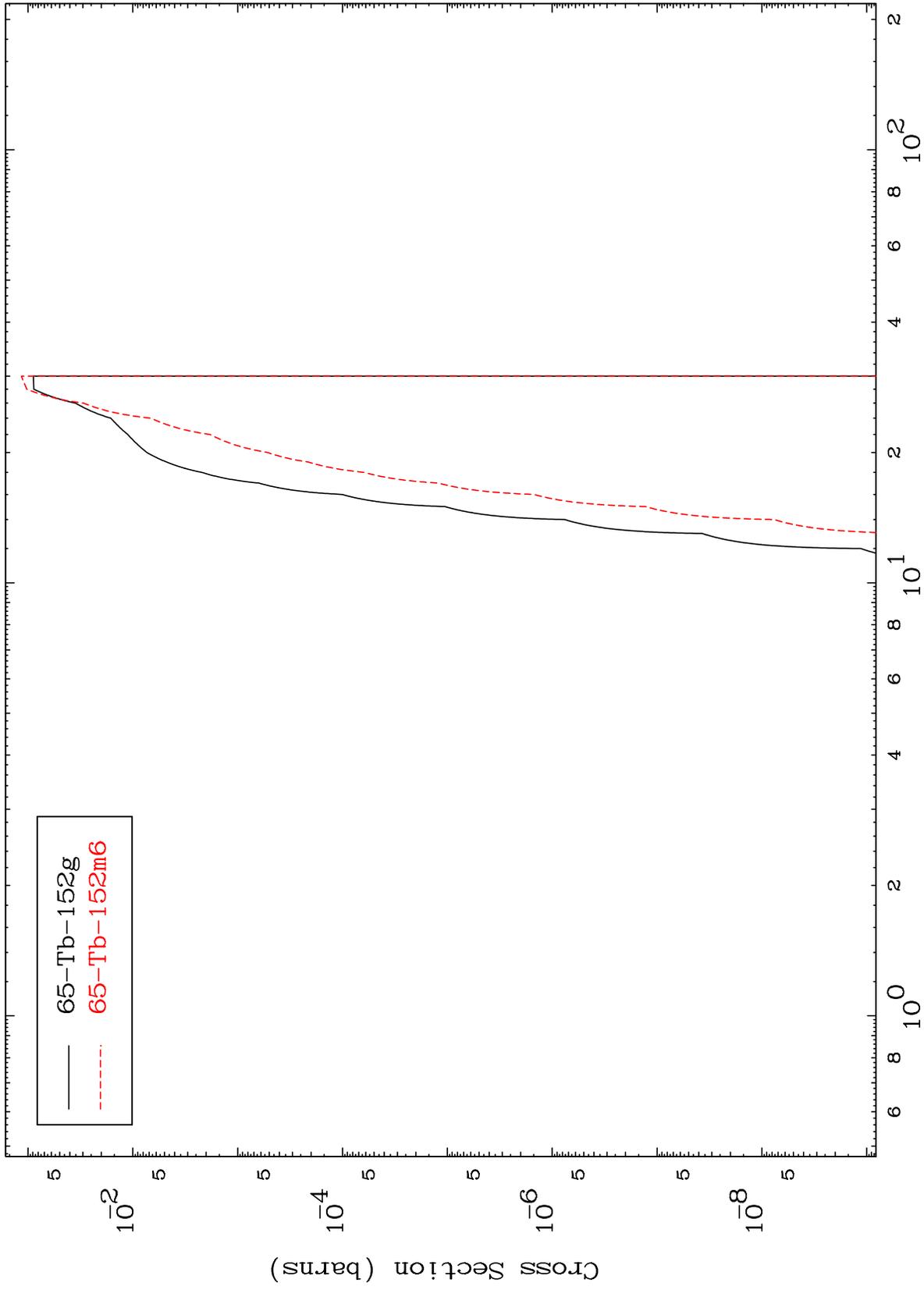
65-Tb-152

MAT 6504

( $\alpha, \alpha$ )

65-Tb-152

Radionuclide Production Cross Section



16

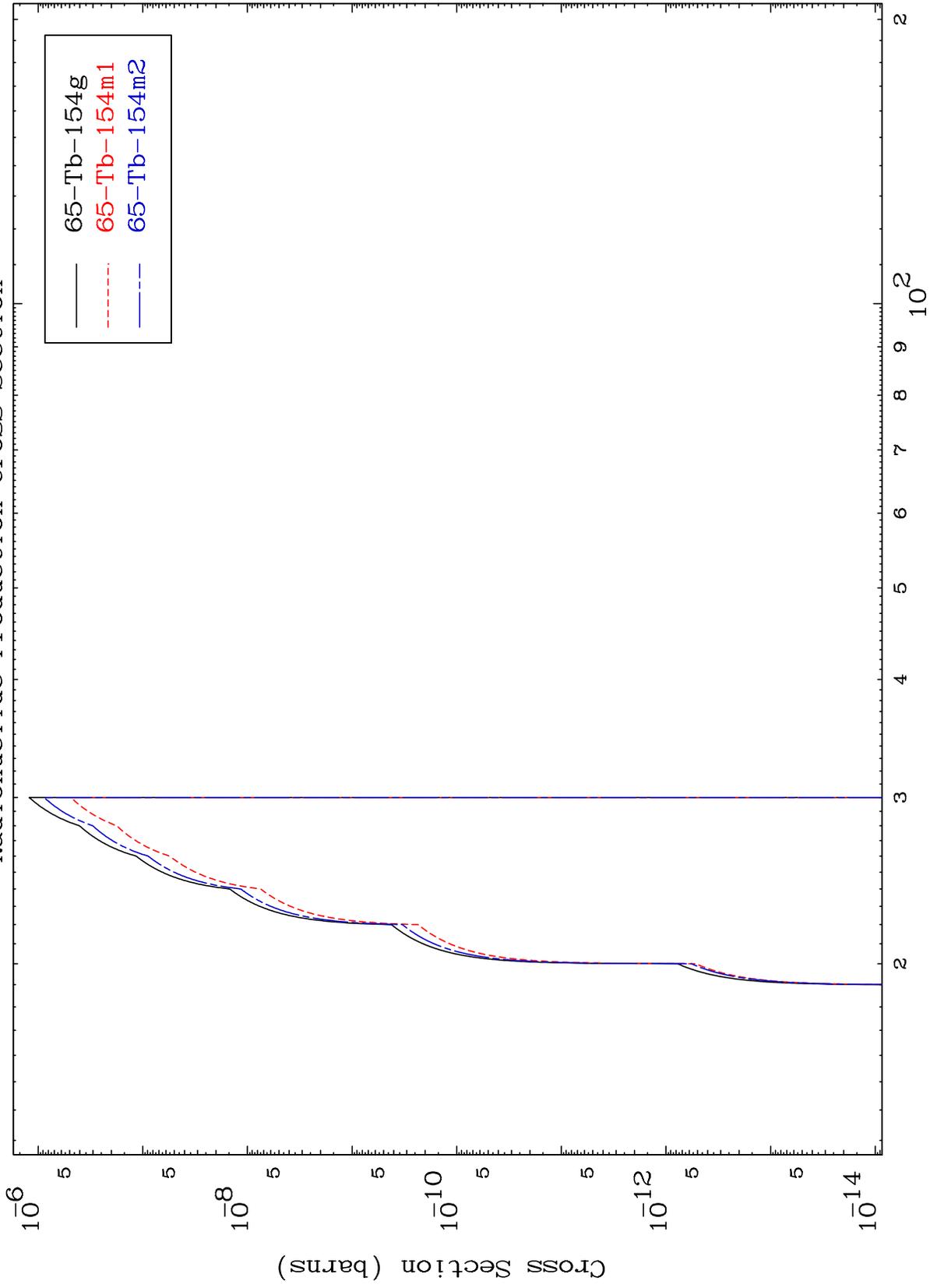
Incident Energy (MeV)

65-Tb-152

MAT 6504

65-Tb-152

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



17

Incident Energy (MeV)

65-Tb-152