

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

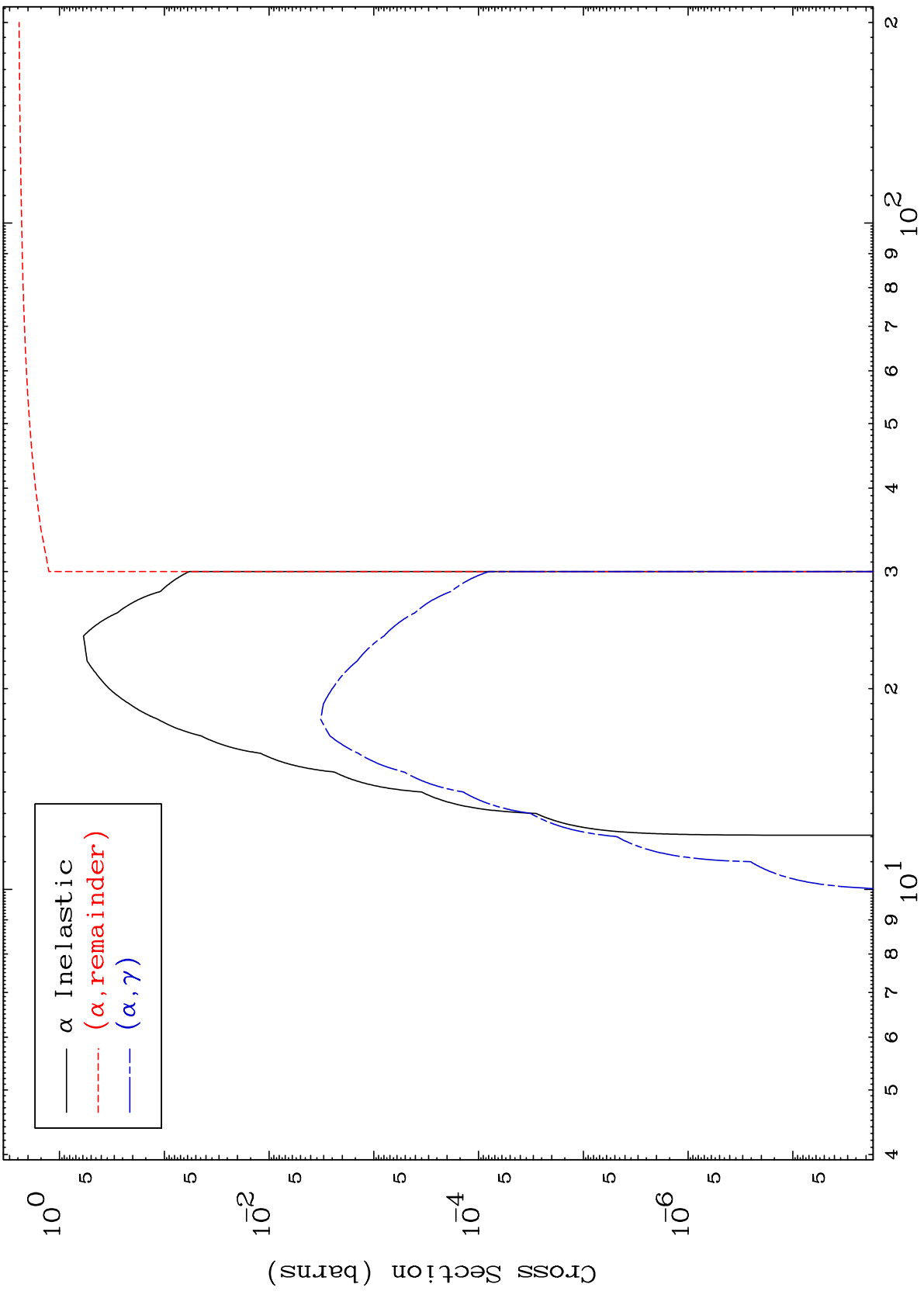
Press Mouse Button to Start

MAT 6498

$\alpha$  Major

65-Tb-150

0 Kelvin Cross Sections



$\alpha$  Inelastic  
 $(\alpha, \text{remainder})$   
 $(\alpha, \gamma)$

1

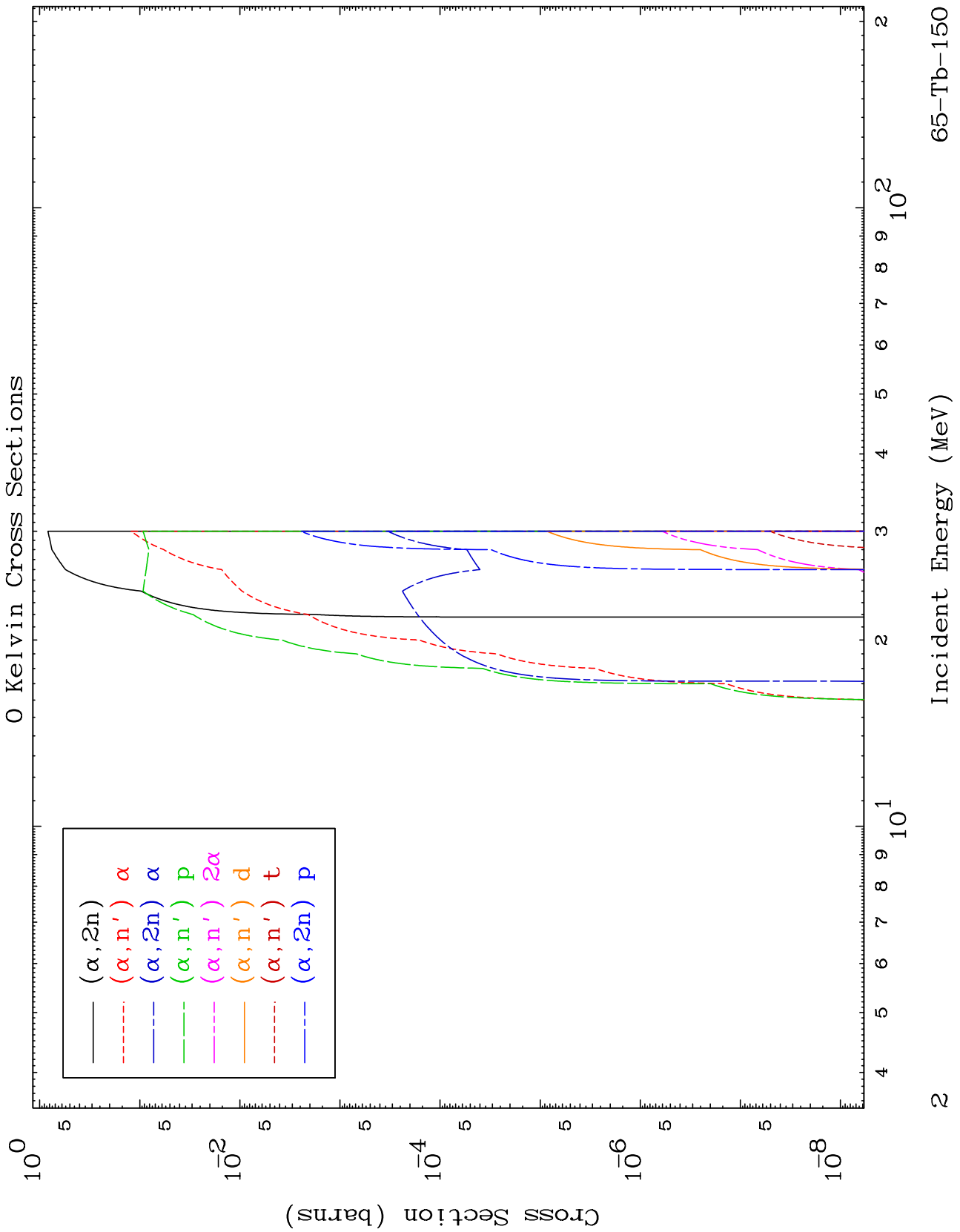
Incident Energy (MeV)

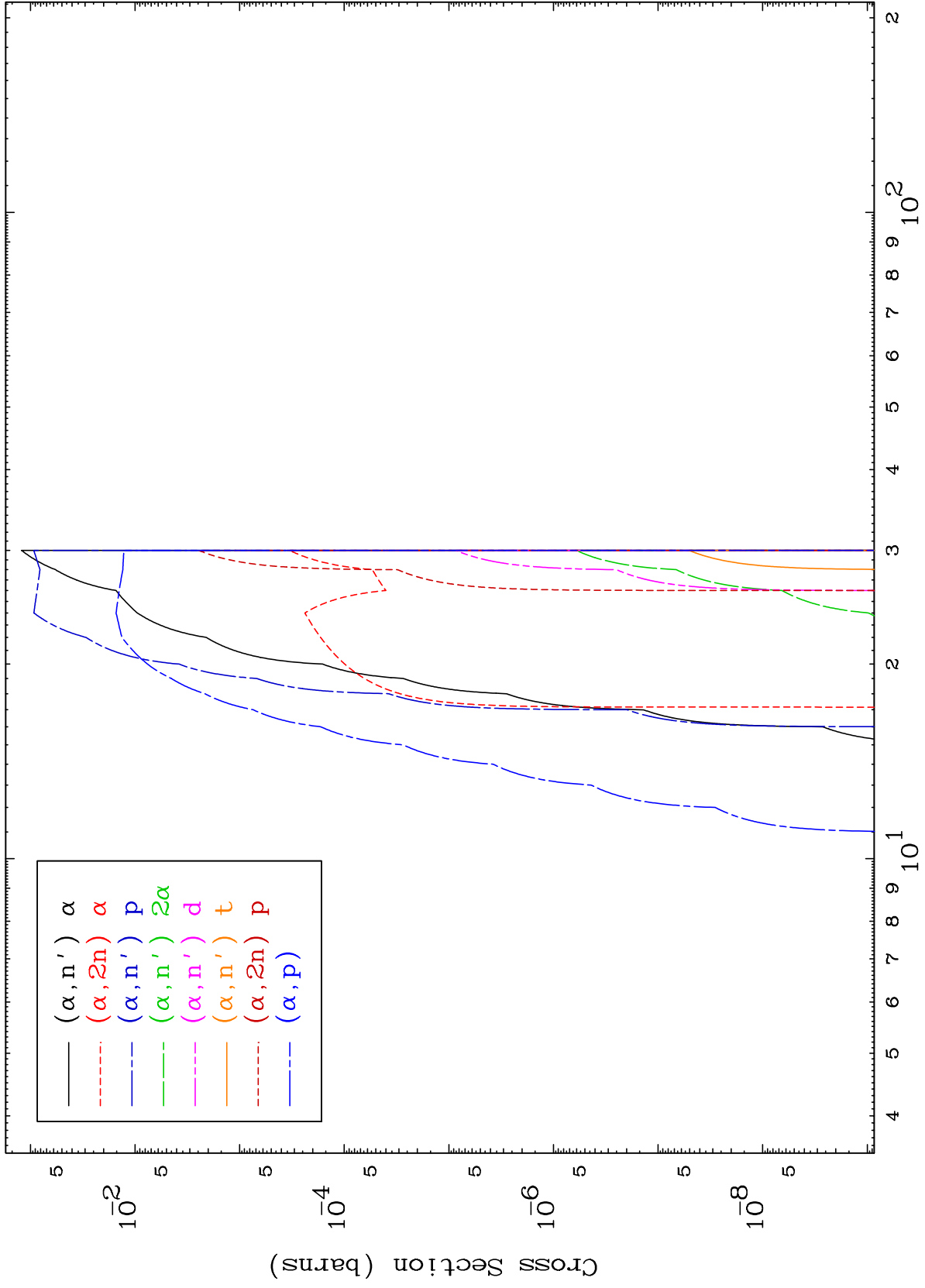
65-Tb-150

MAT 6498

$\alpha$  Neutron Production

65-Tb-150

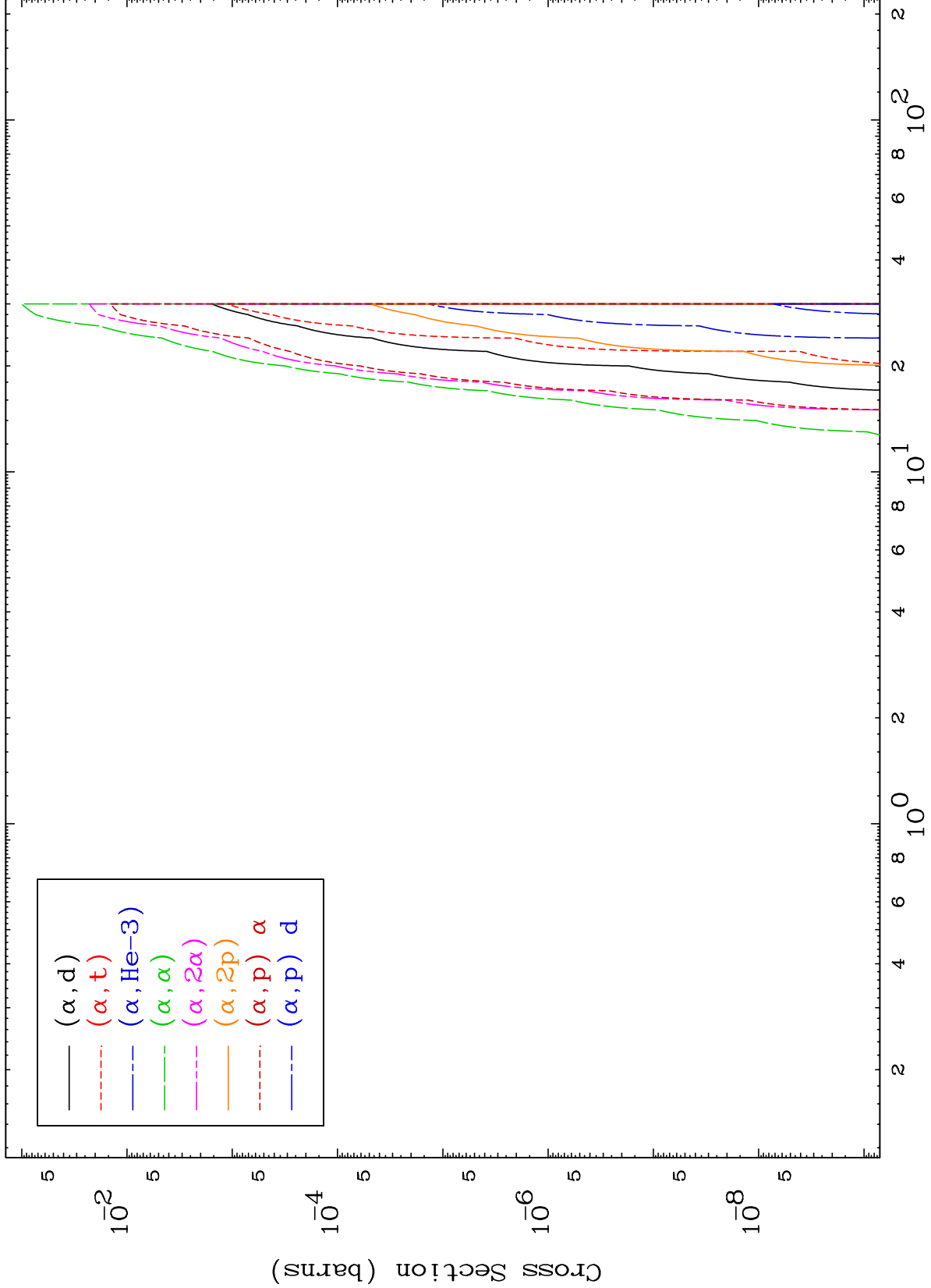




MAT 6498

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

65-Tb-150

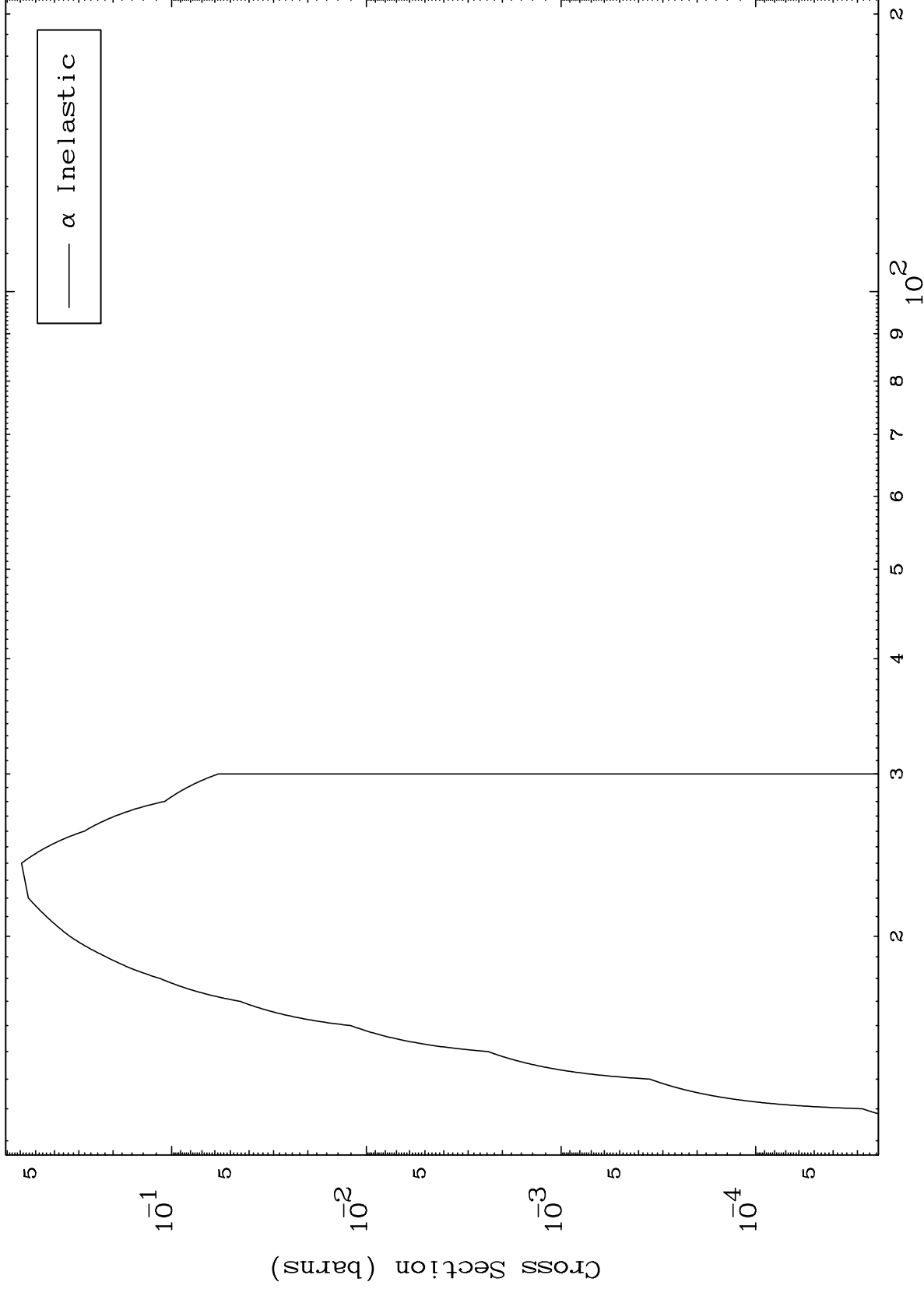


MAT 6498

( $\alpha, n'$ ) Level

65-Tb-150

0 Kelvin Cross Sections



Incident Energy (MeV)

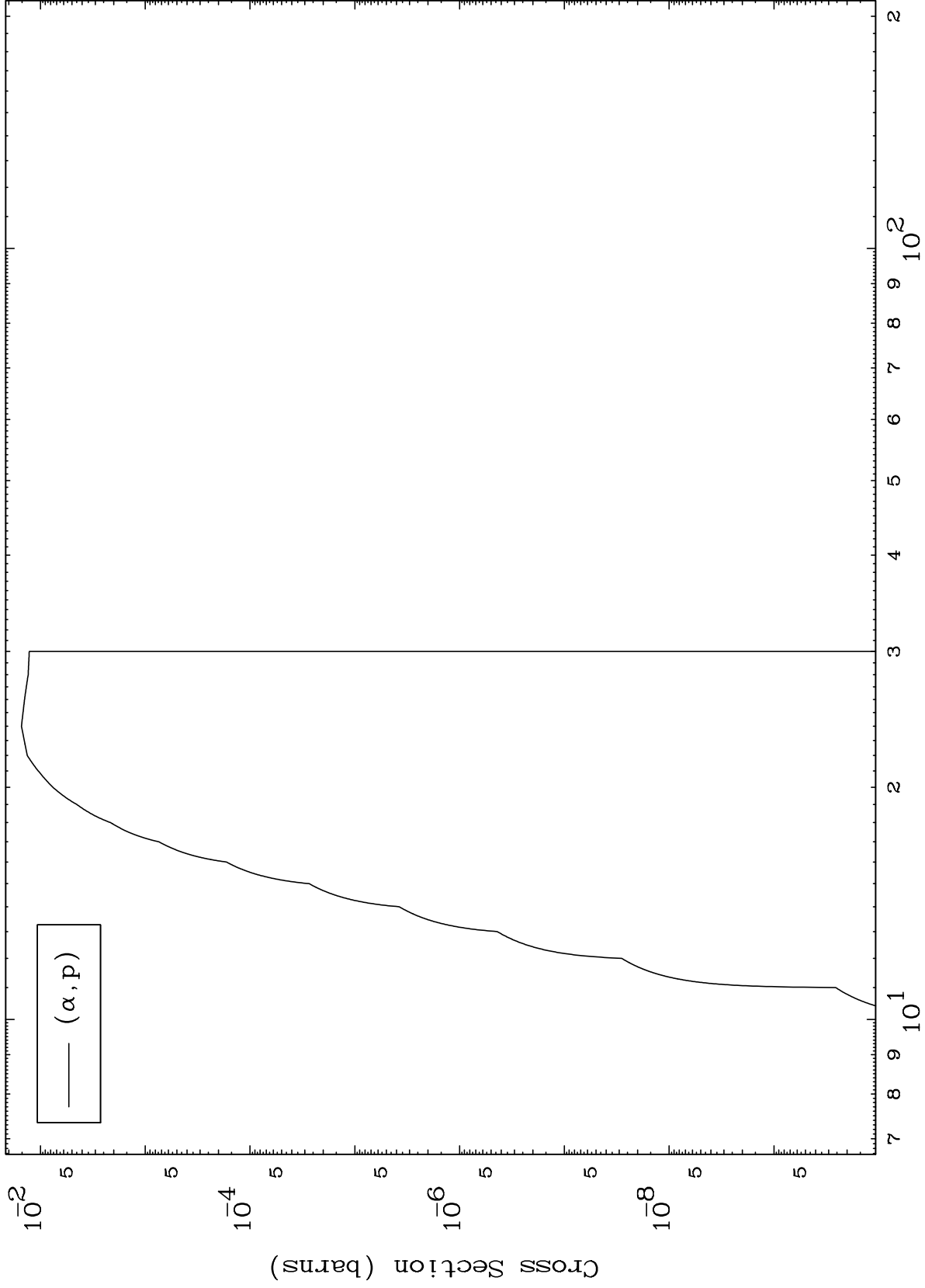
65-Tb-150

5

MAT 6498

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

65-Tb-150



6

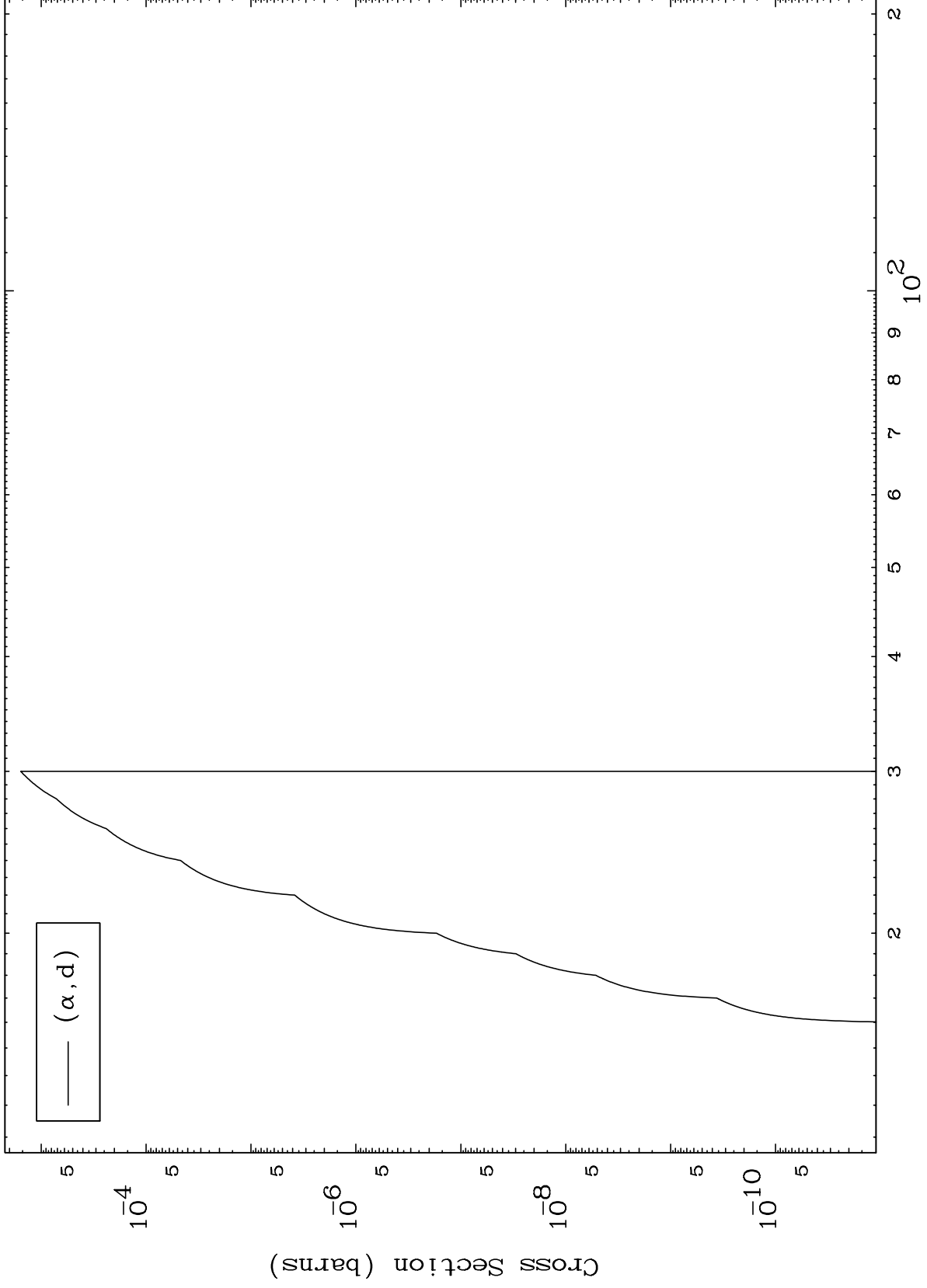
Incident Energy (MeV)

65-Tb-150

MAT 6498

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

65-Tb-150



7

Incident Energy (MeV)

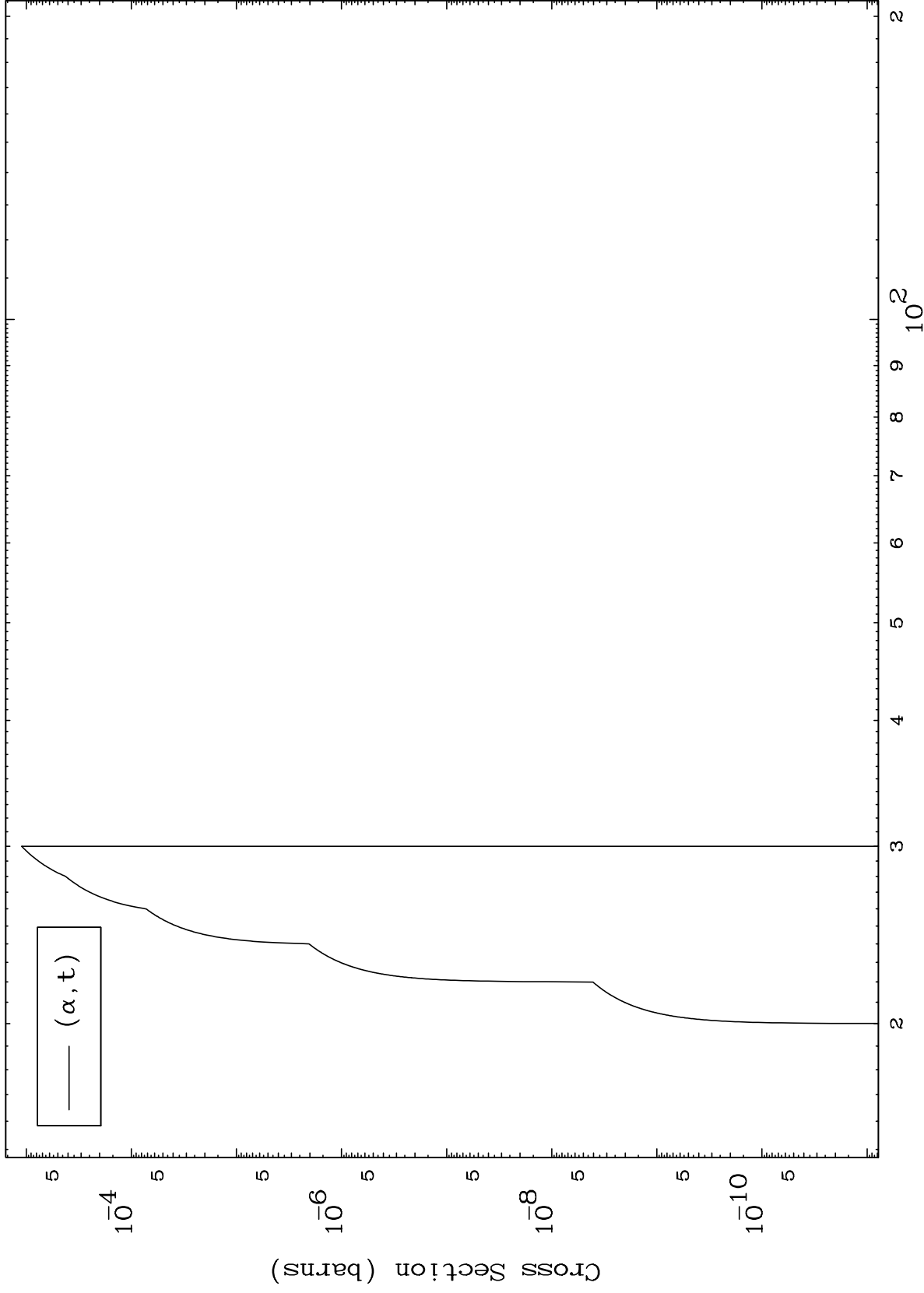
65-Tb-150



MAT 6498

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

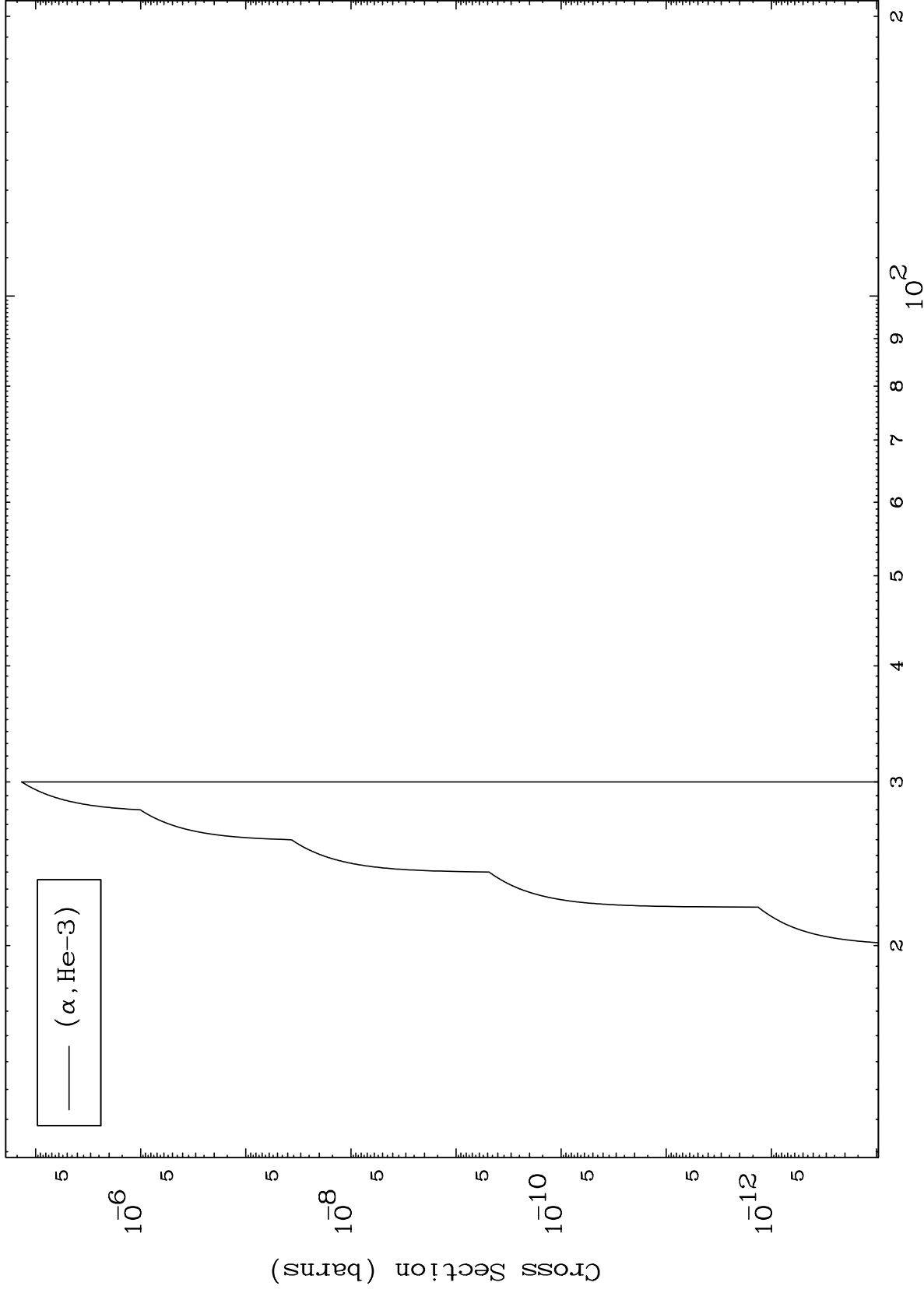
65-Tb-150



8

Incident Energy (MeV)

65-Tb-150

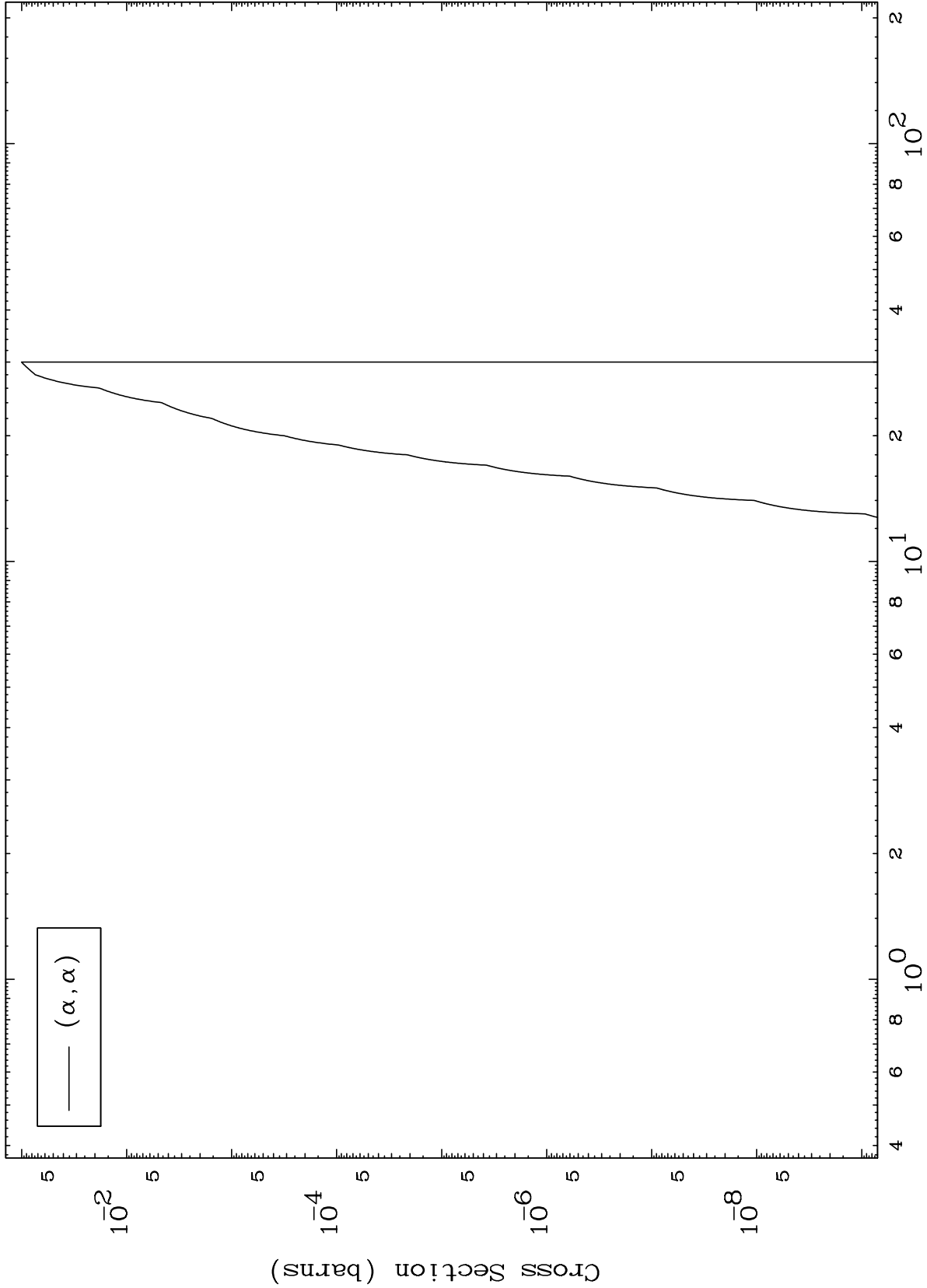


MAT 6498

( $\alpha, \alpha$ ) Levels

65-Tb-150

0 Kelvin Cross Sections



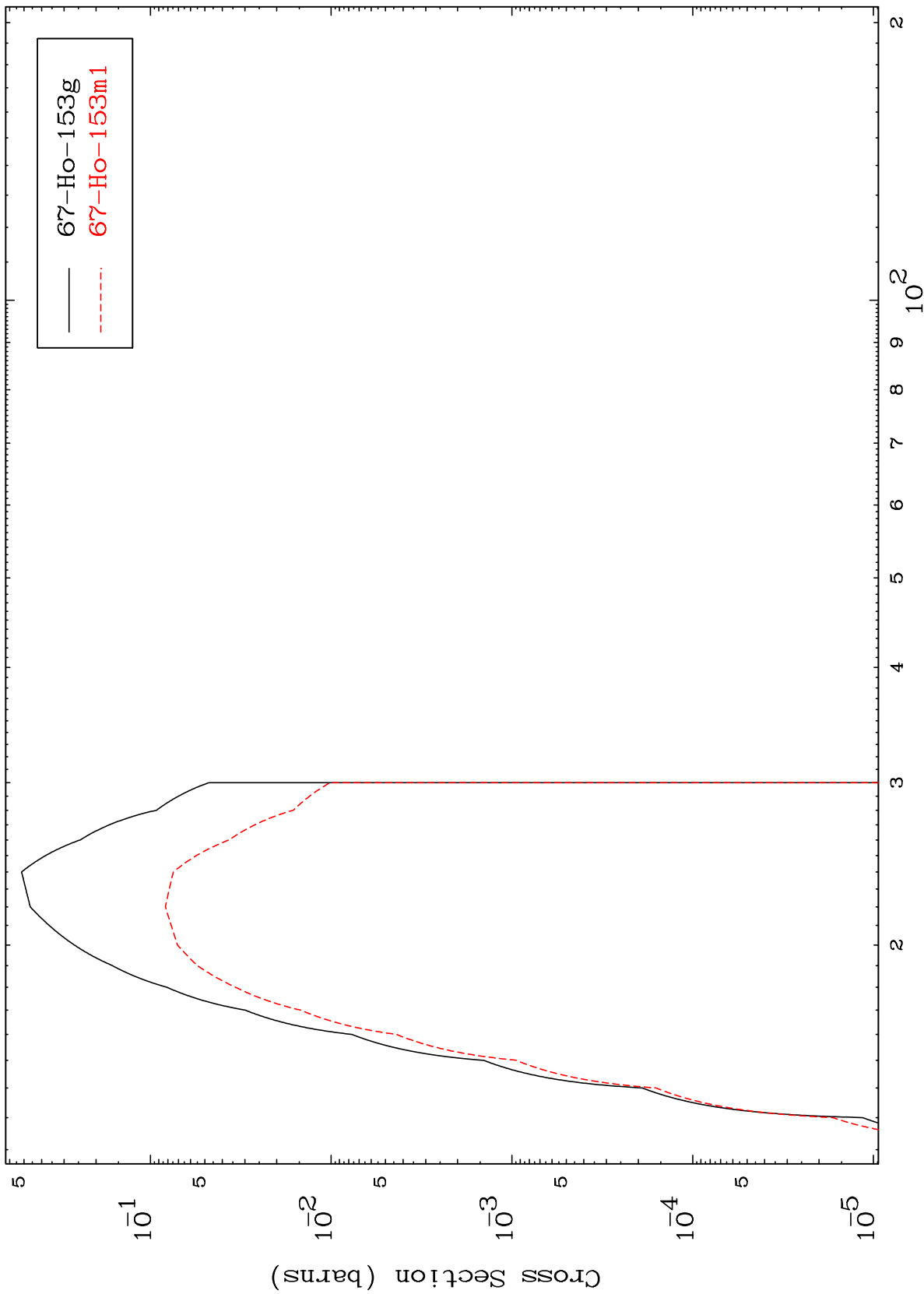
10

Incident Energy (MeV)

65-Tb-150

Radionuclide Production Cross Section

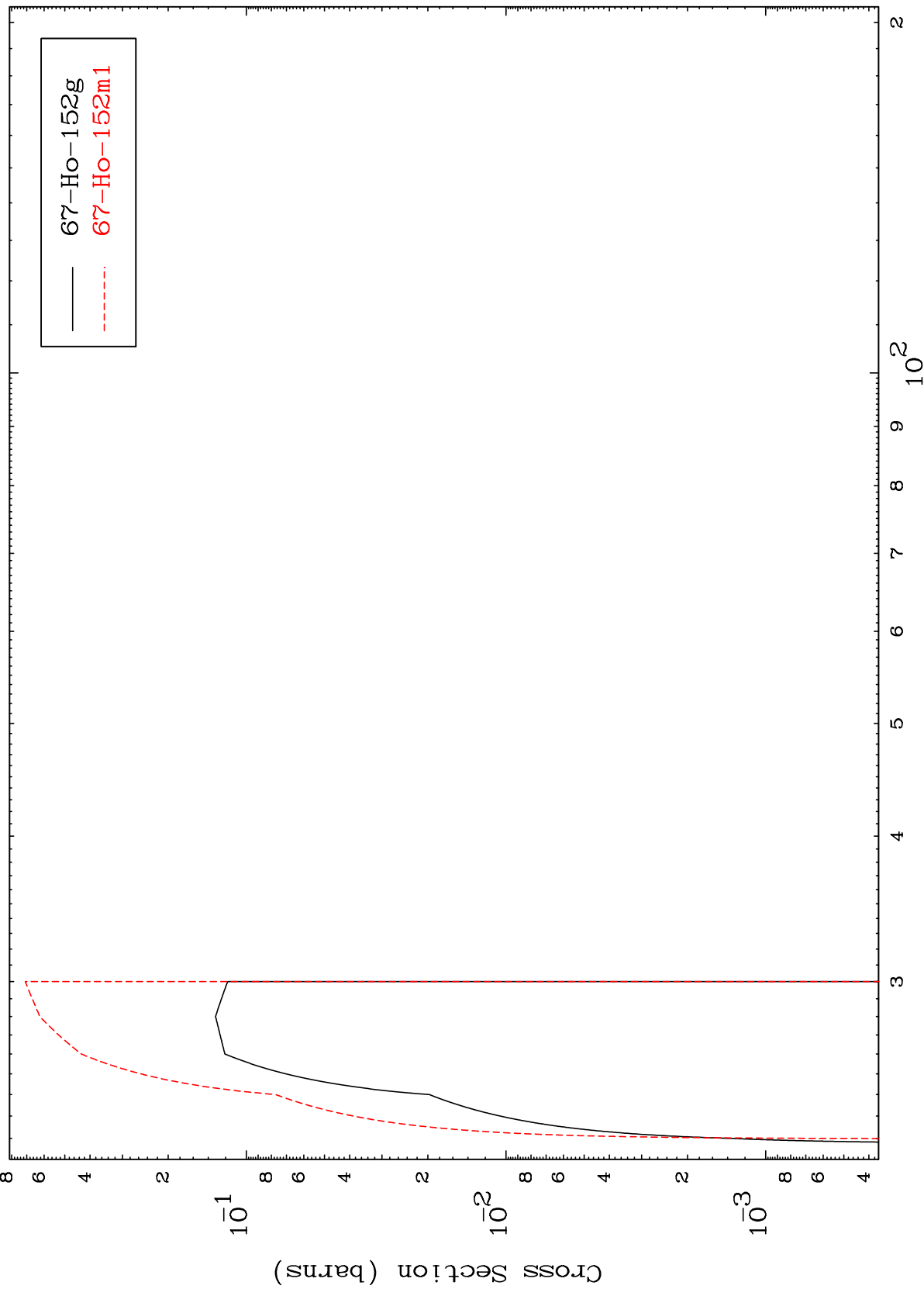
$\alpha$  Inelastic



MAT 6498

65-Tb-150

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



65-Tb-150

Incident Energy (MeV)

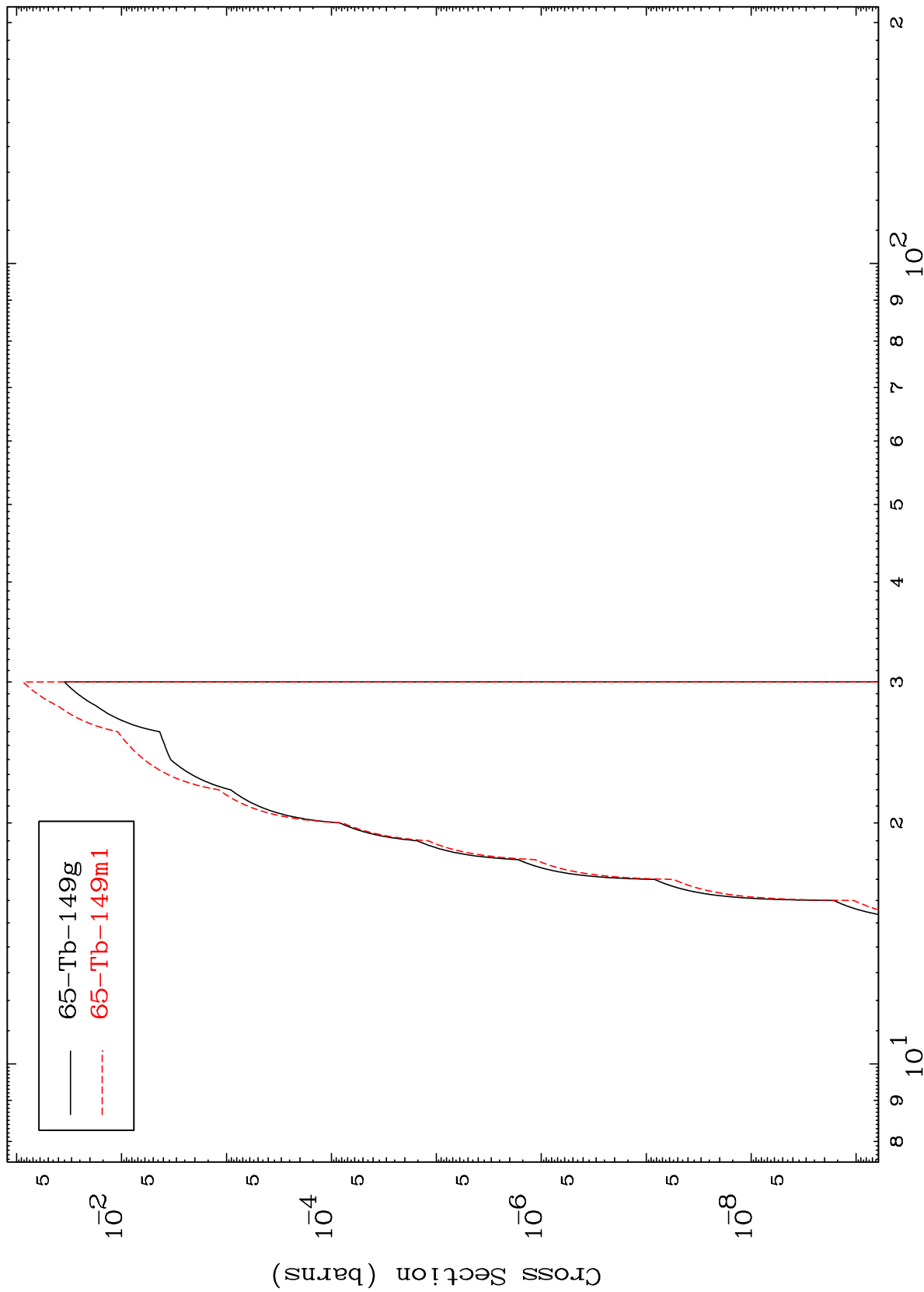
12

MAT 6498

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

65-Tb-150

Radionuclide Production Cross Section



13

Incident Energy (MeV)

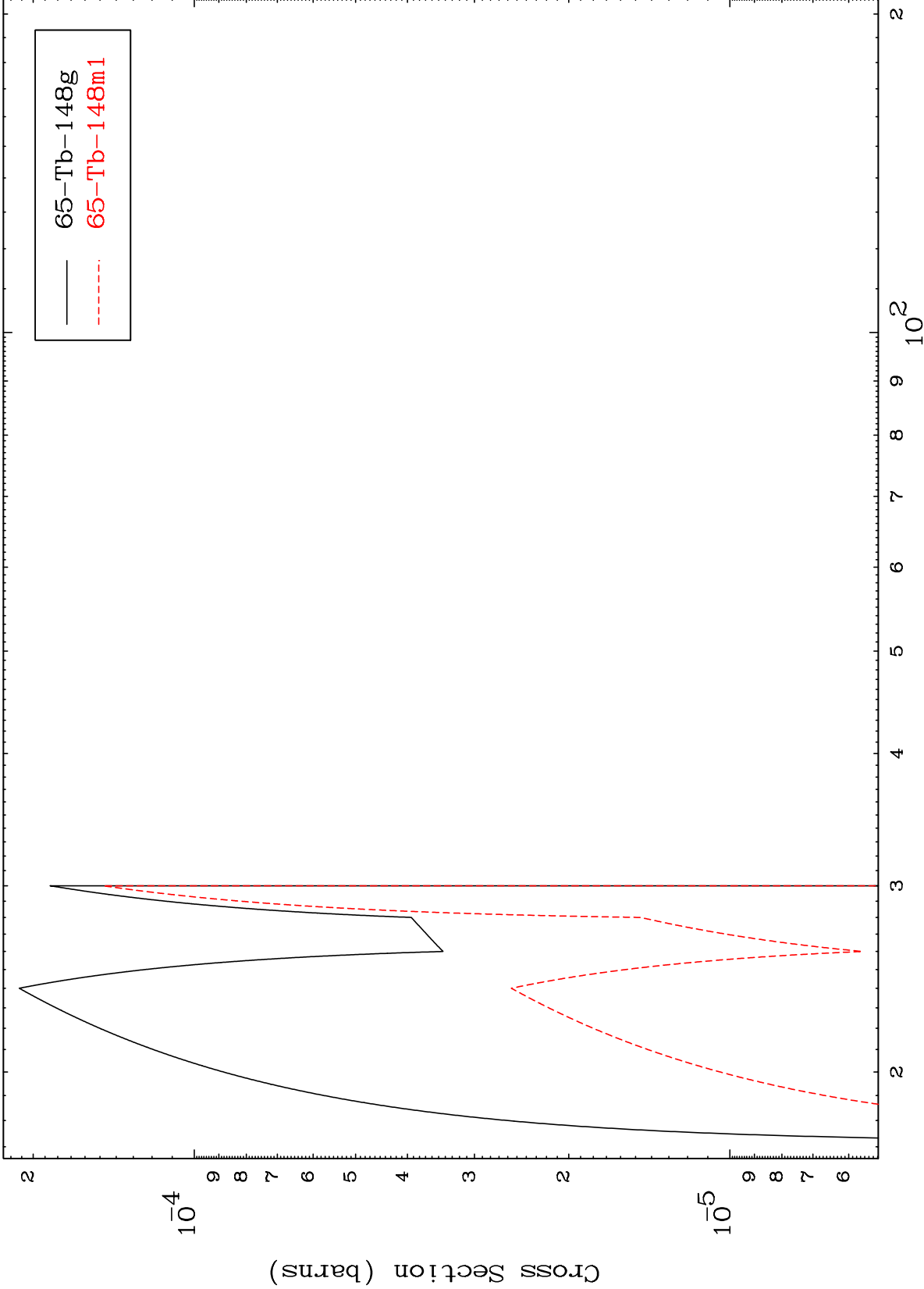
65-Tb-150

MAT 6498

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

65-Tb-150

Radionuclide Production Cross Section



14

Incident Energy (MeV)

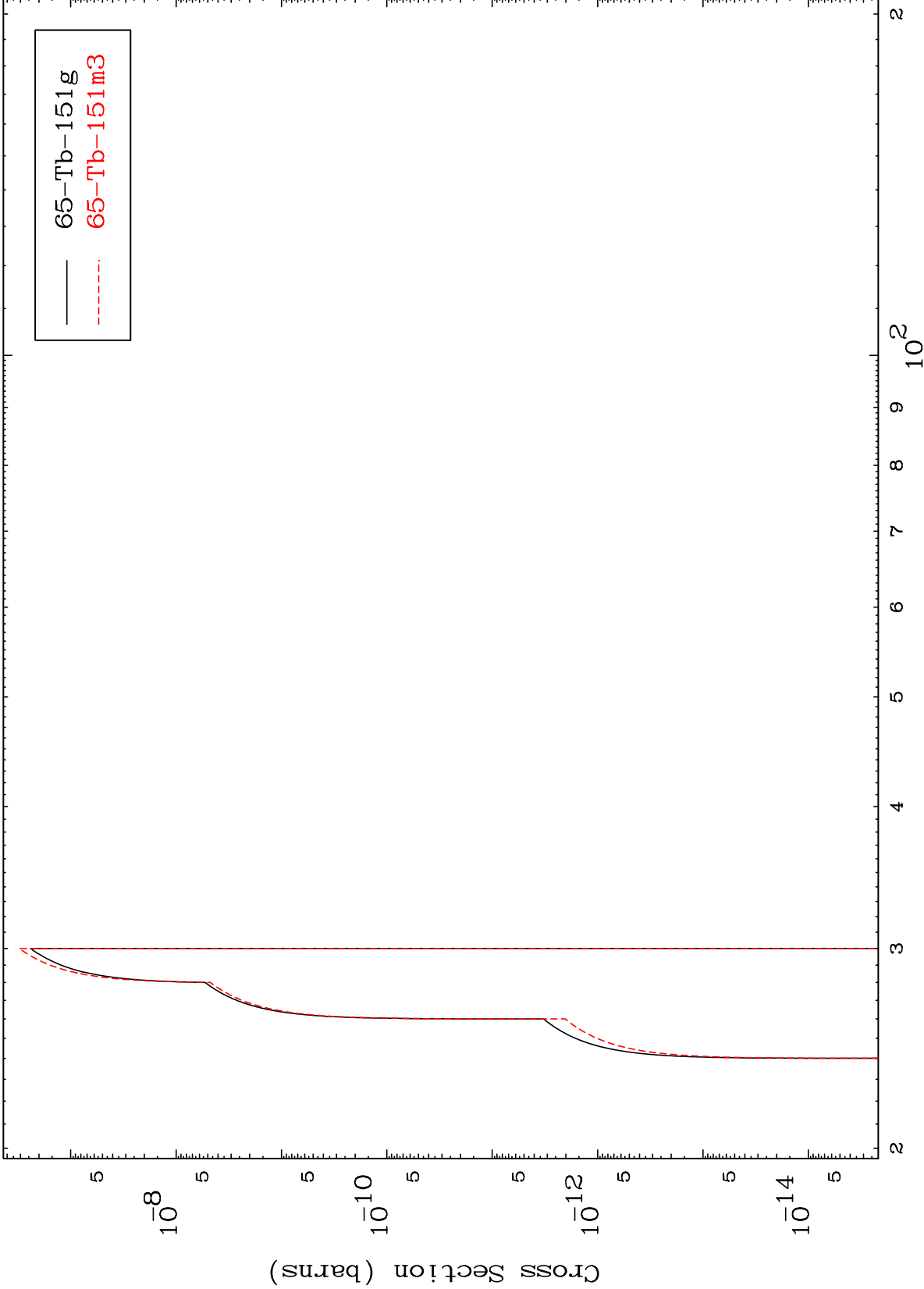
65-Tb-150

MAT 6498

$(\alpha, 2n)$  p

65-Tb-150

Radionuclide Production Cross Section



15

Incident Energy (MeV)

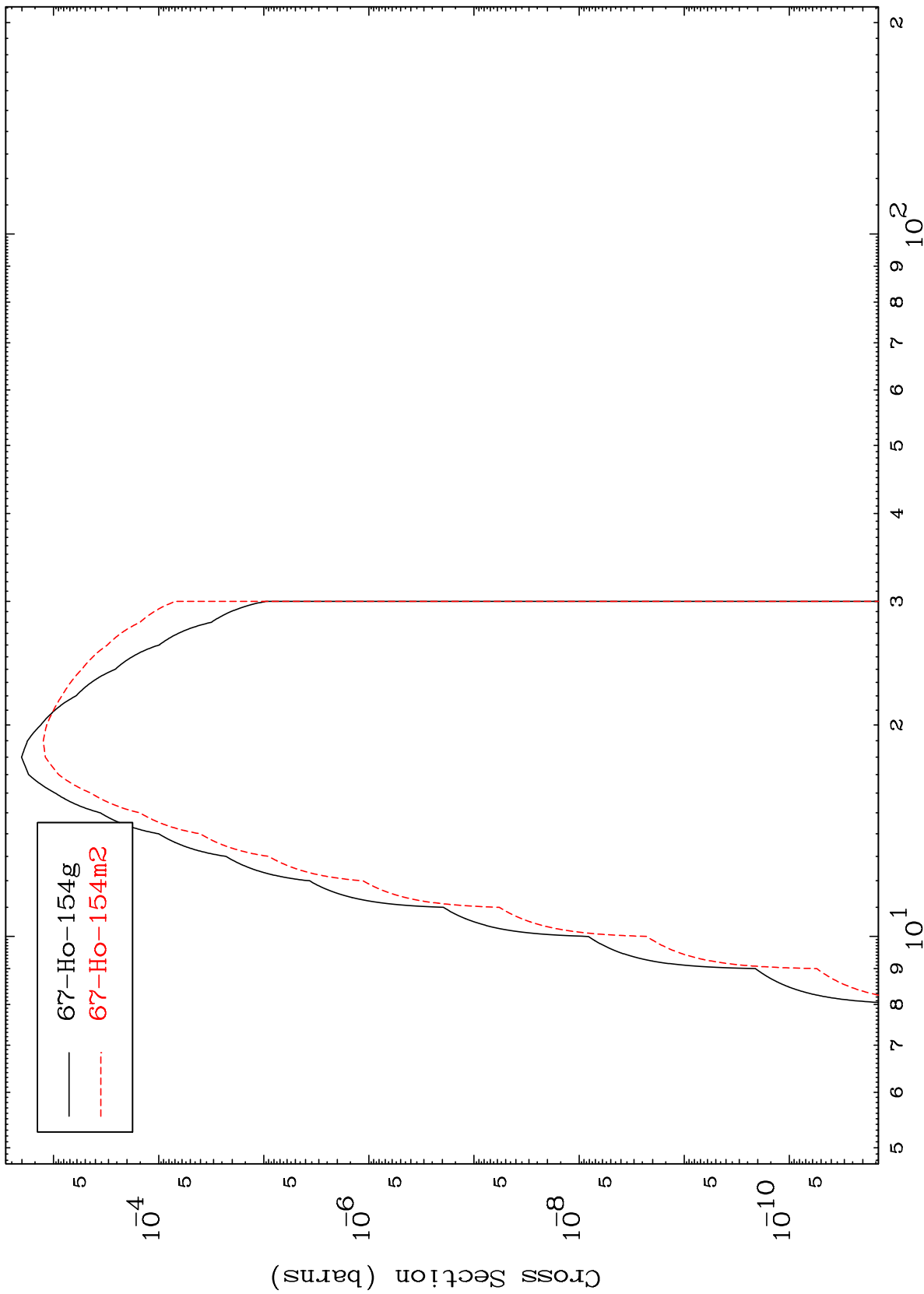
65-Tb-150



MAT 6498

65-Tb-150

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



65-Tb-150

Incident Energy (MeV)

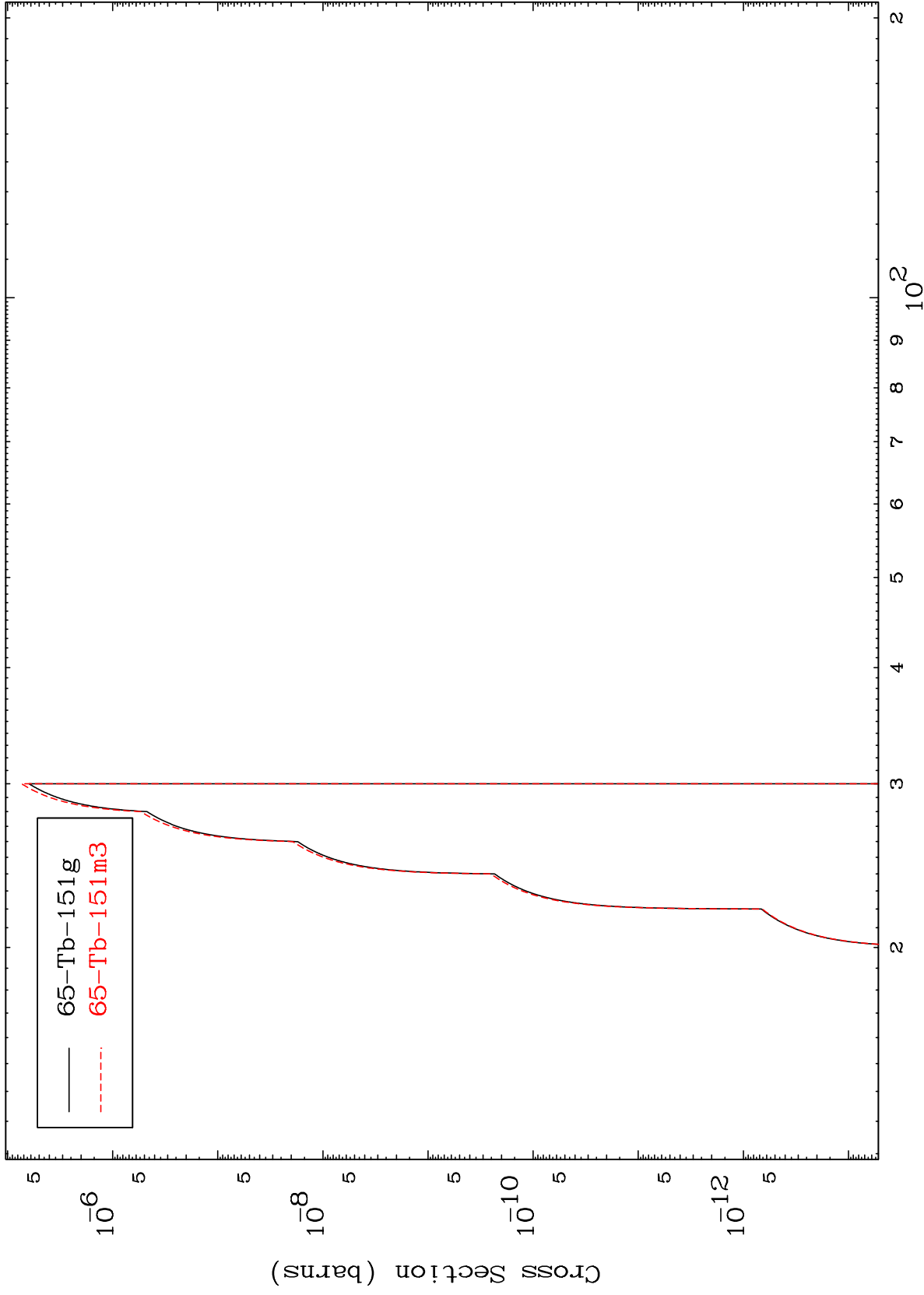
16

MAT 6498

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

65-Tb-150

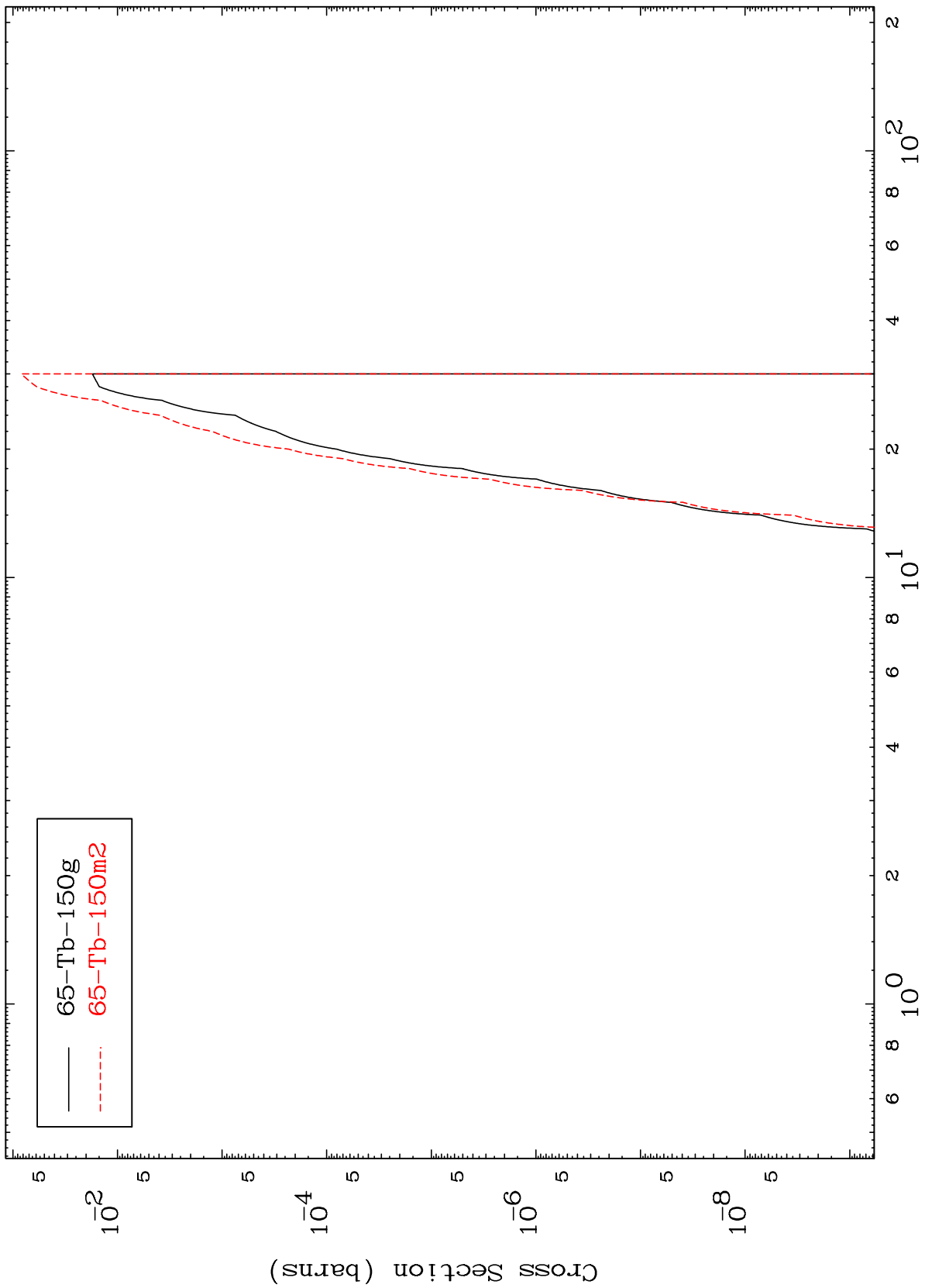
Radionuclide Production Cross Section



MAT 6498

65-Tb-150

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



65-Tb-150g  
65-Tb-150m<sup>2</sup>

18

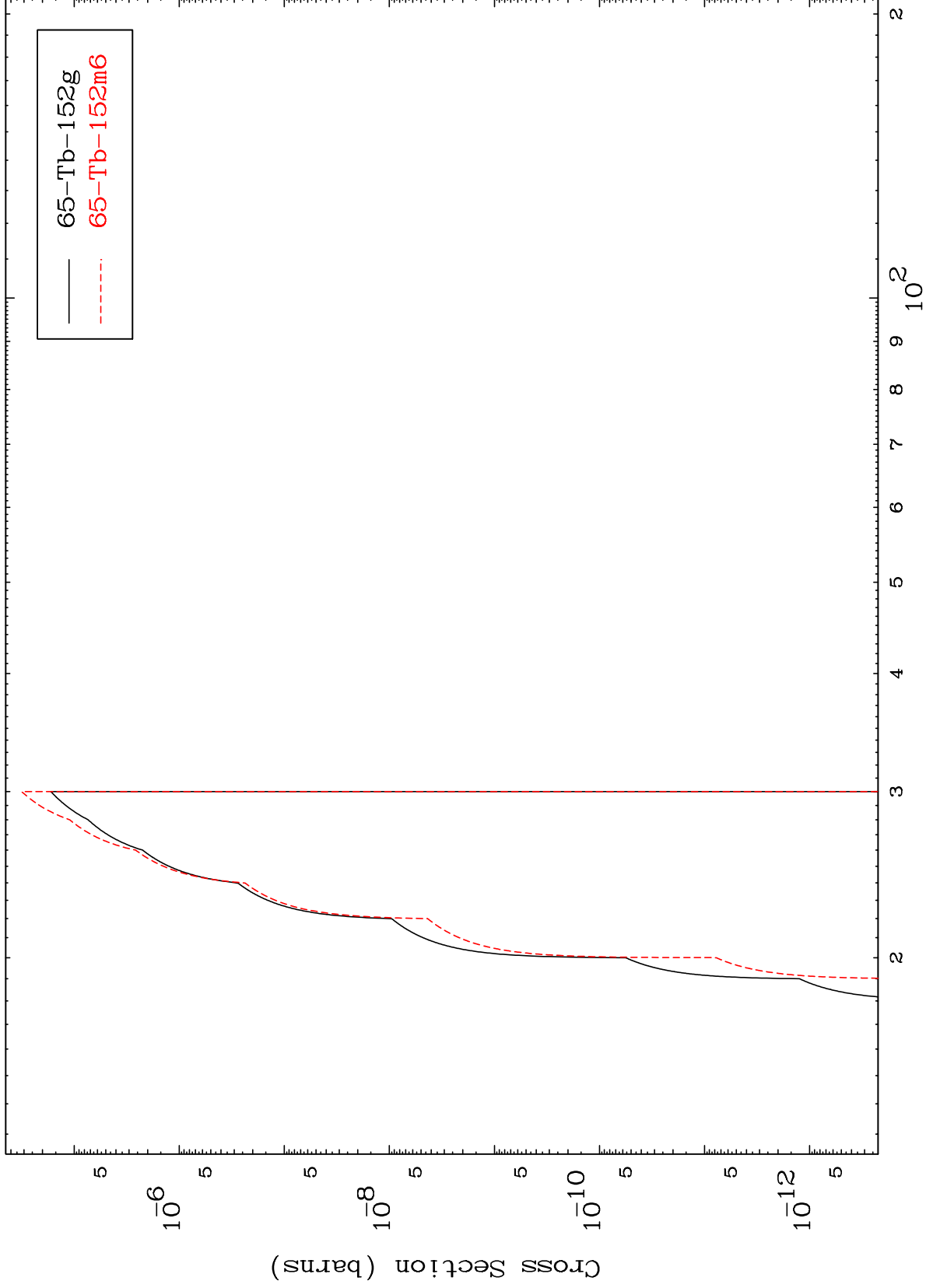
Incident Energy (MeV)

65-Tb-150

MAT 6498

65-Tb-150

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



19

Incident Energy (MeV)

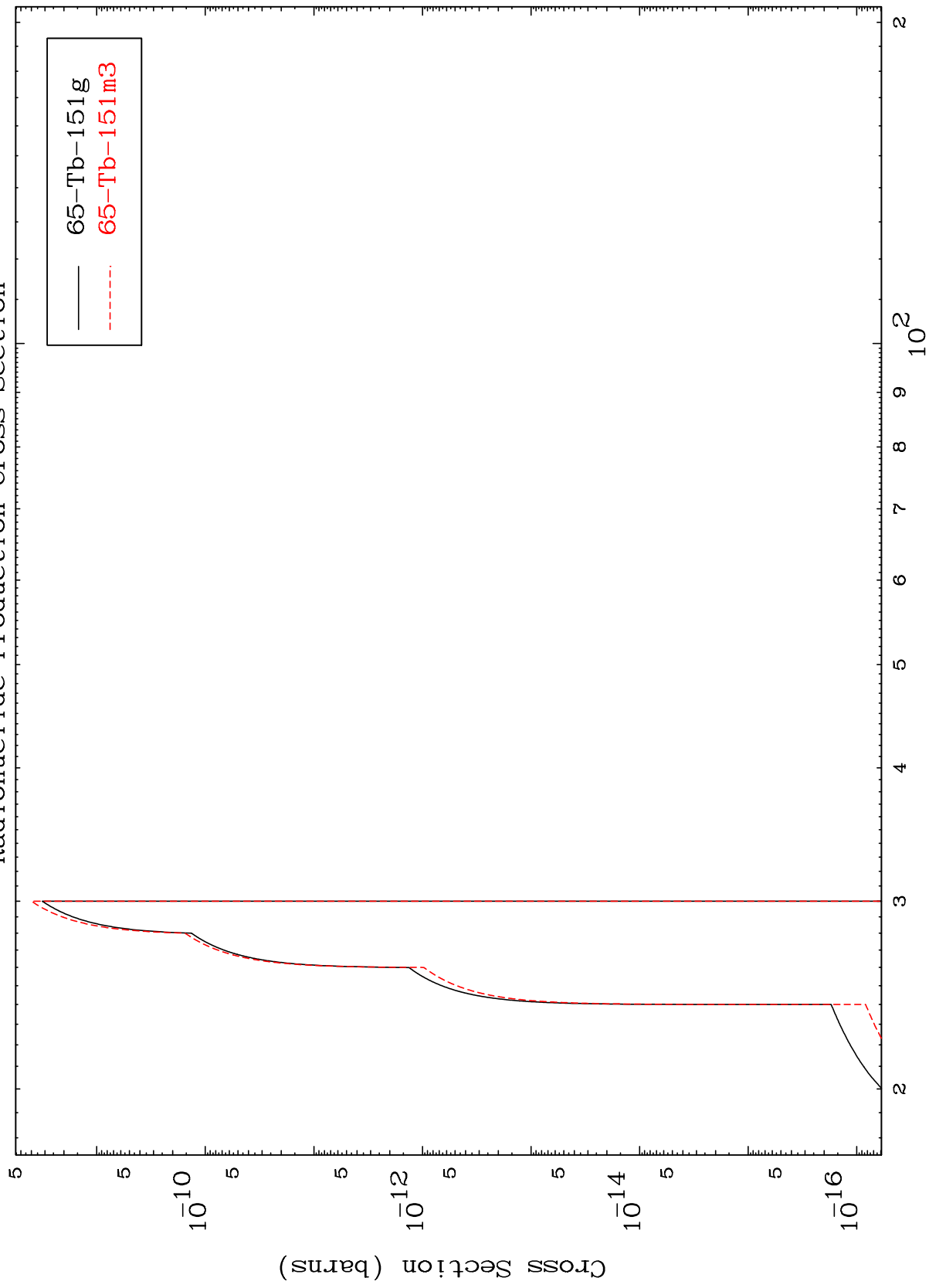
65-Tb-150

MAT 6498

( $\alpha, p$ ) d

65-Tb-150

Radionuclide Production Cross Section



20

Incident Energy (MeV)

65-Tb-150