

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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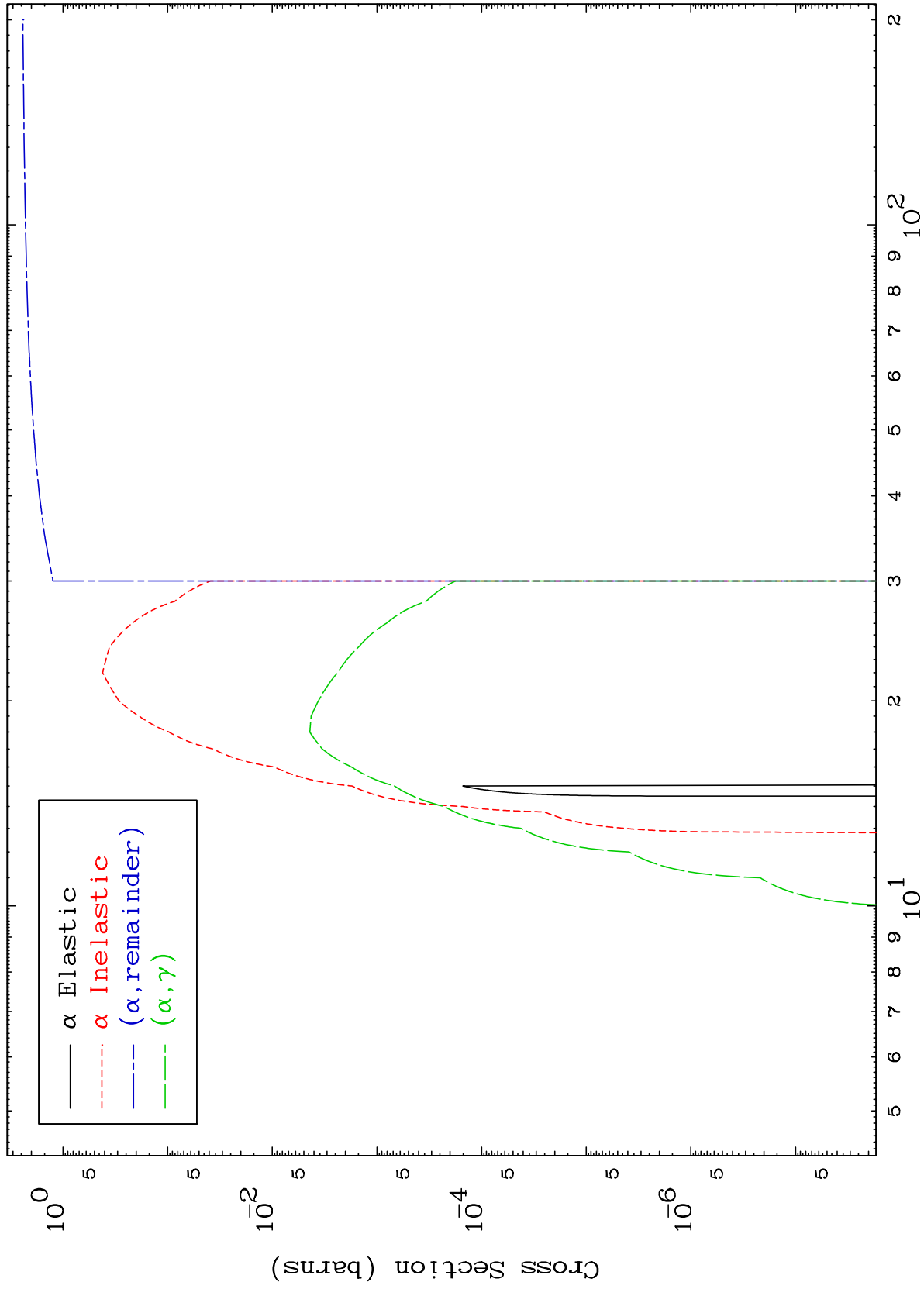
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6493

0 Kelvin  $\alpha$  Major  
Cross Sections

65-Tb-148



1

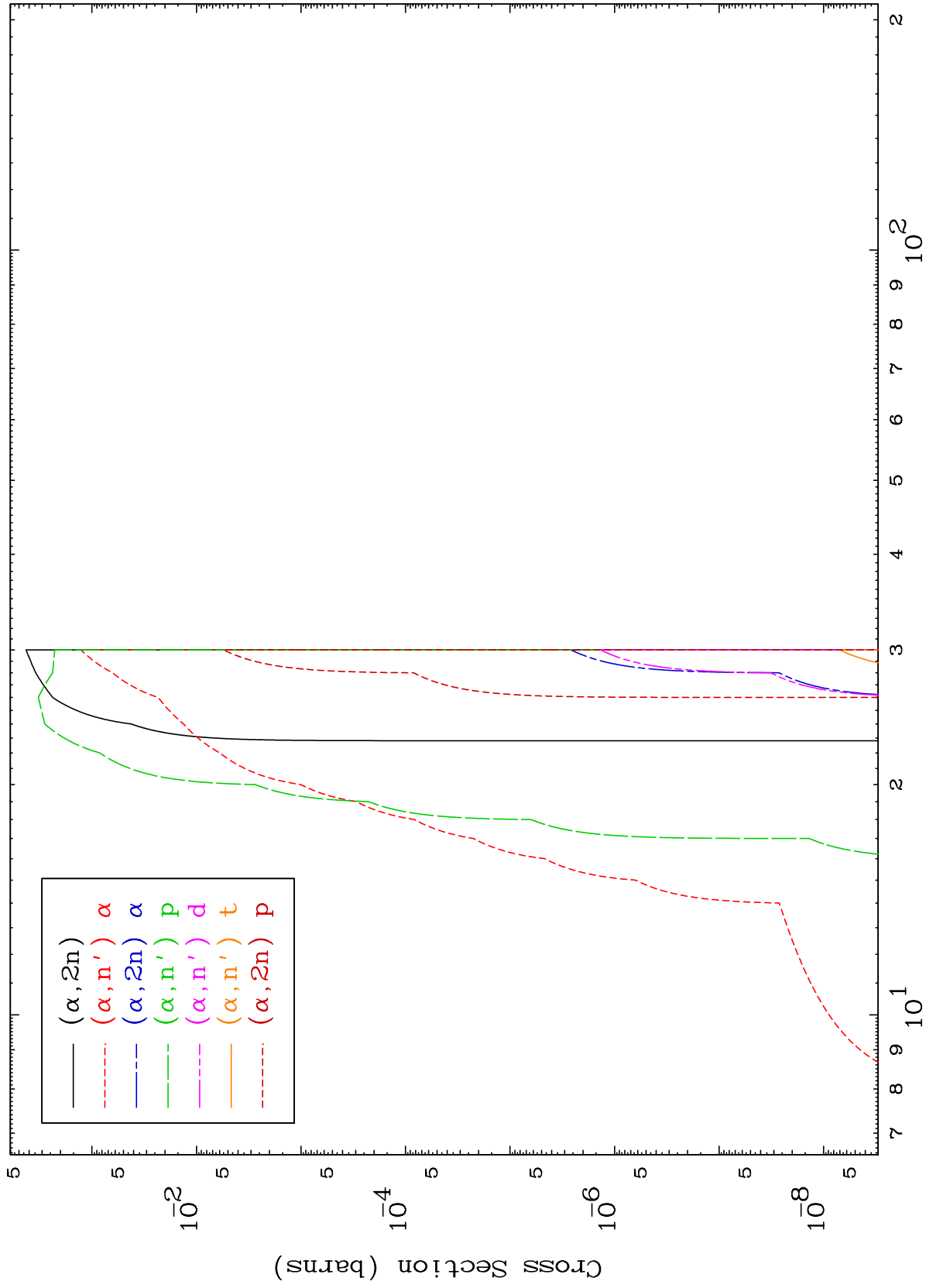
Incident Energy (MeV)

65-Tb-148

MAT 6493

$\alpha$  Neutron Production  
0 Kelvin Cross Sections

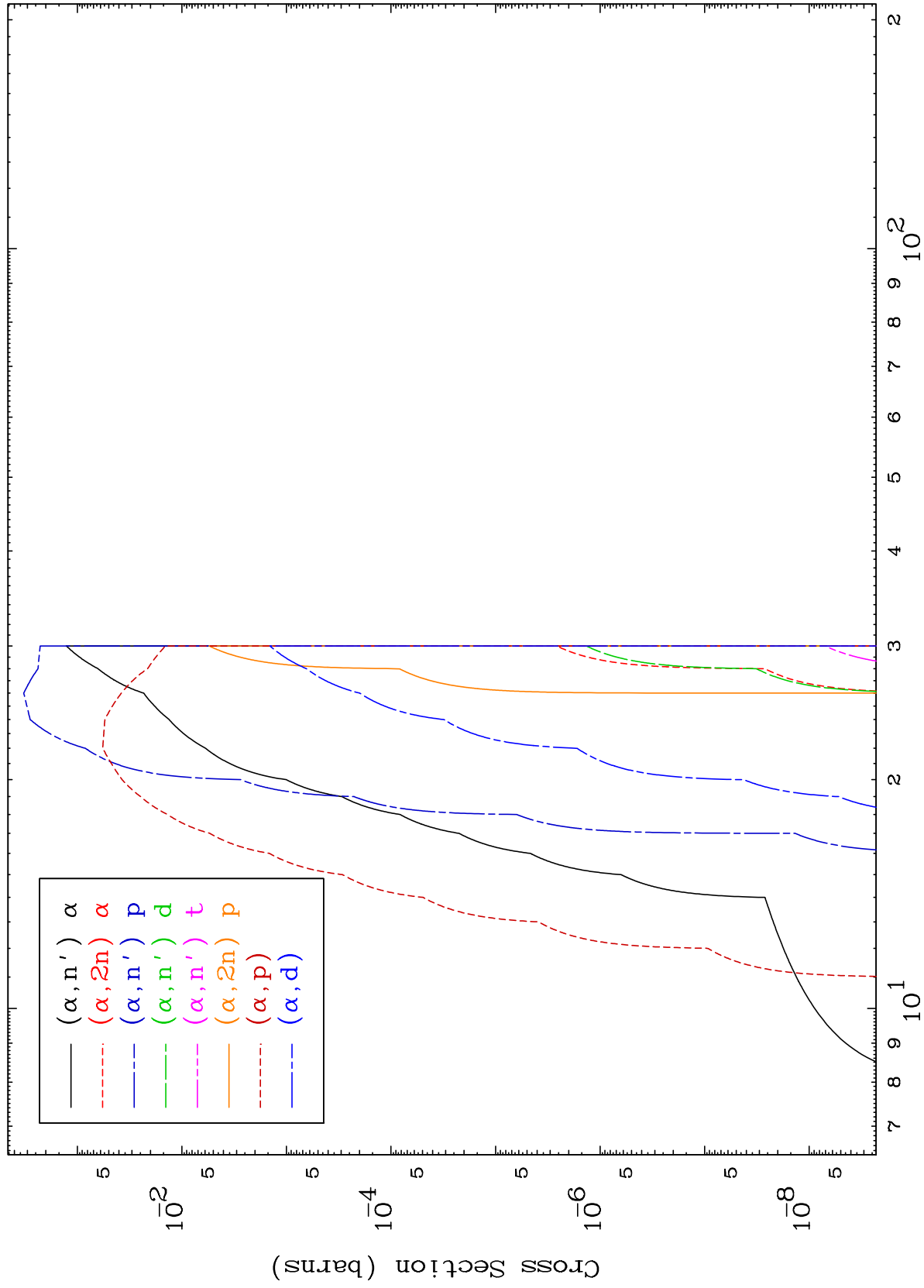
65-Tb-148



2

Incident Energy (MeV)

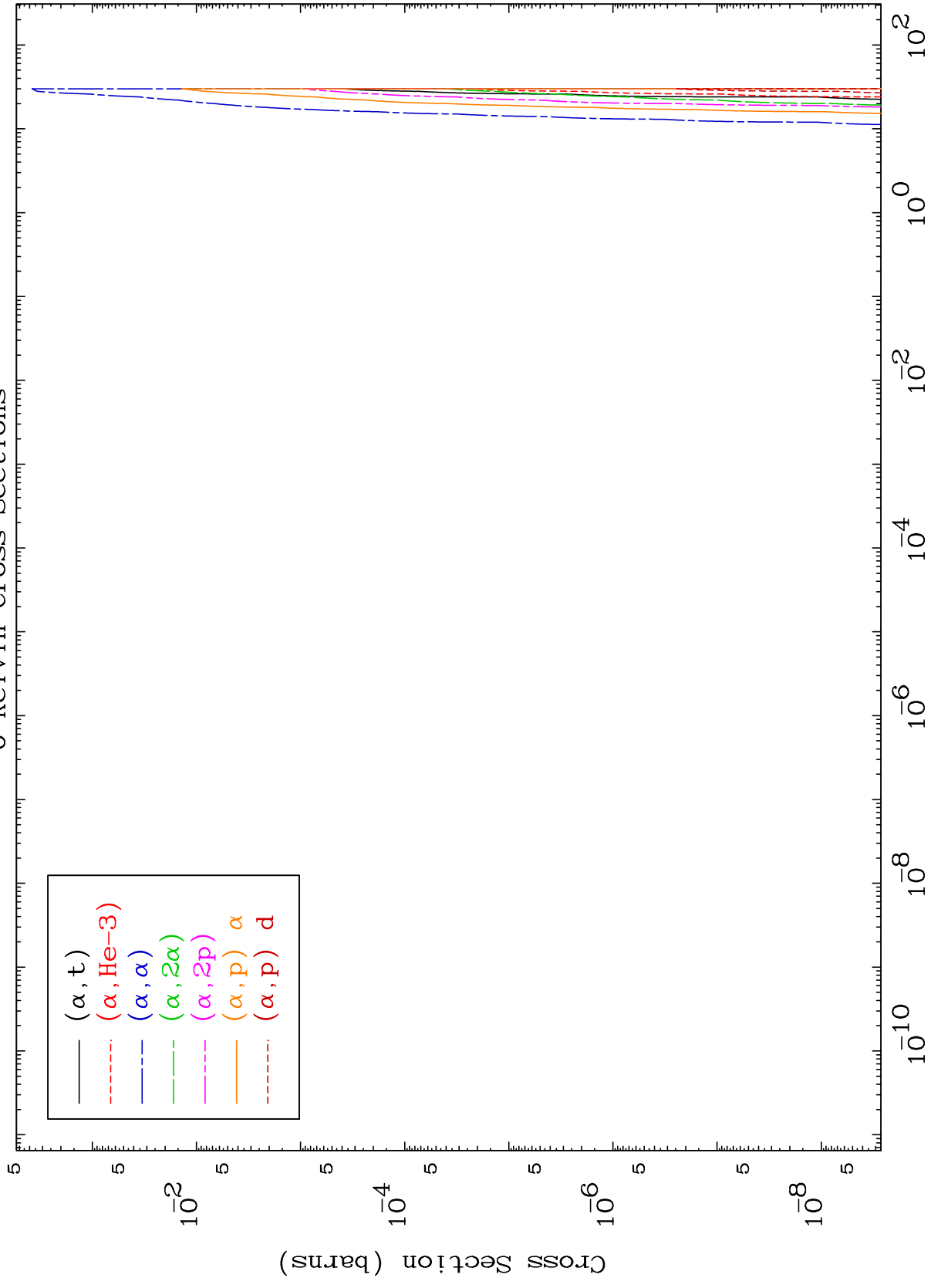
65-Tb-148



MAT 6493

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

65-Tb-148

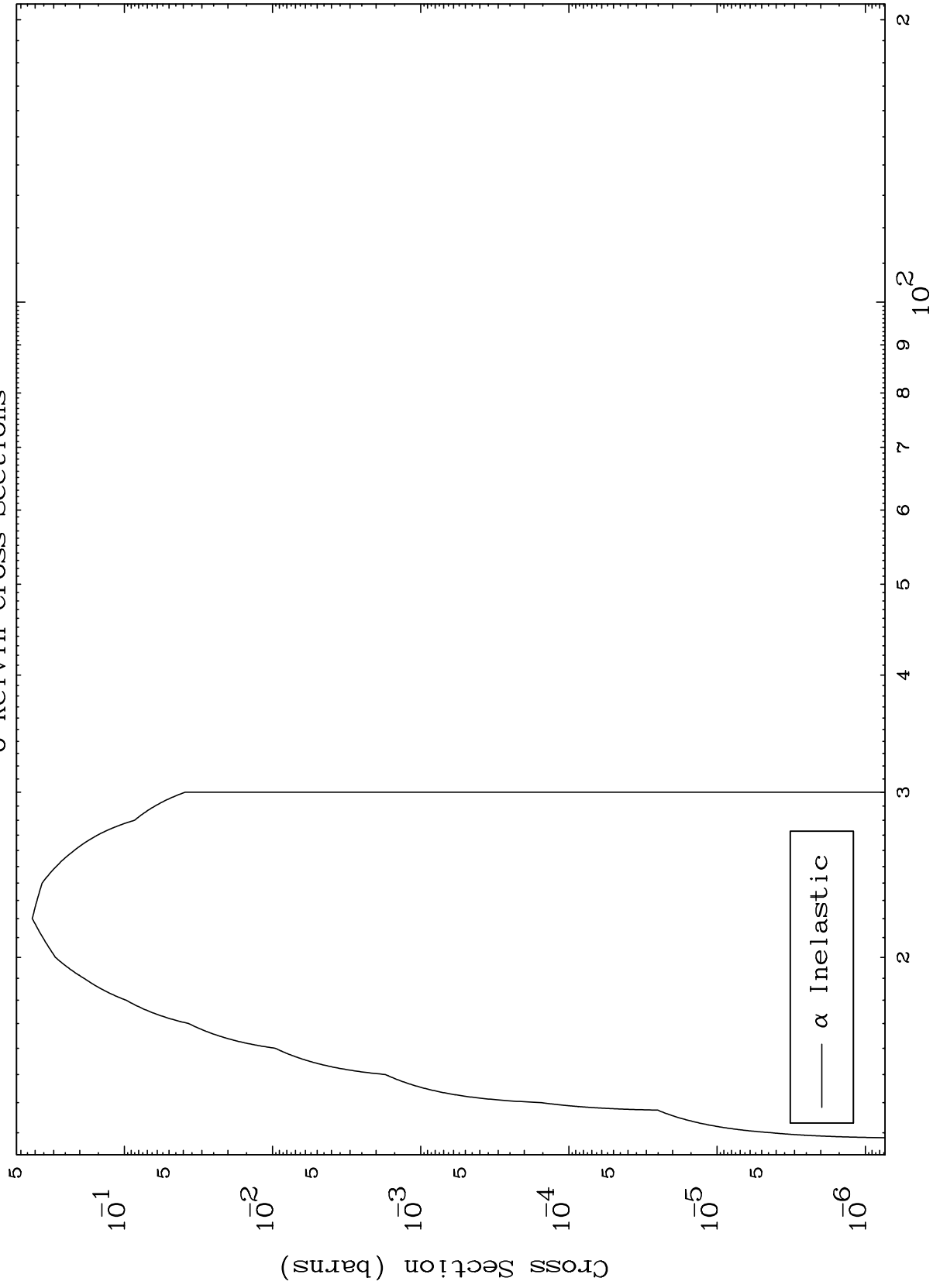


65-Tb-148

MAT 6493

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

65-Tb-148



5

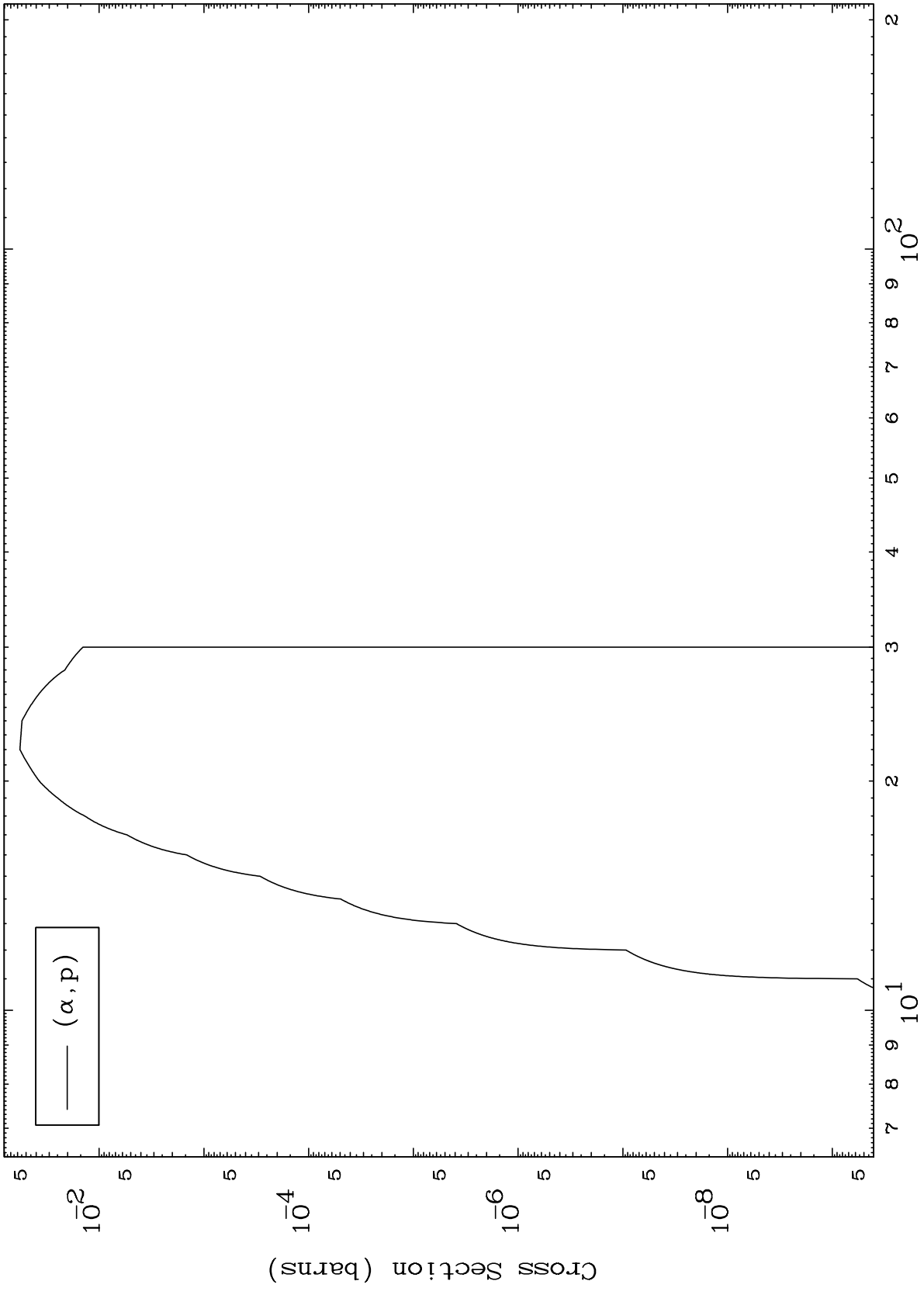
Incident Energy (MeV)

65-Tb-148

MAT 6493

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

65-Tb-148



6

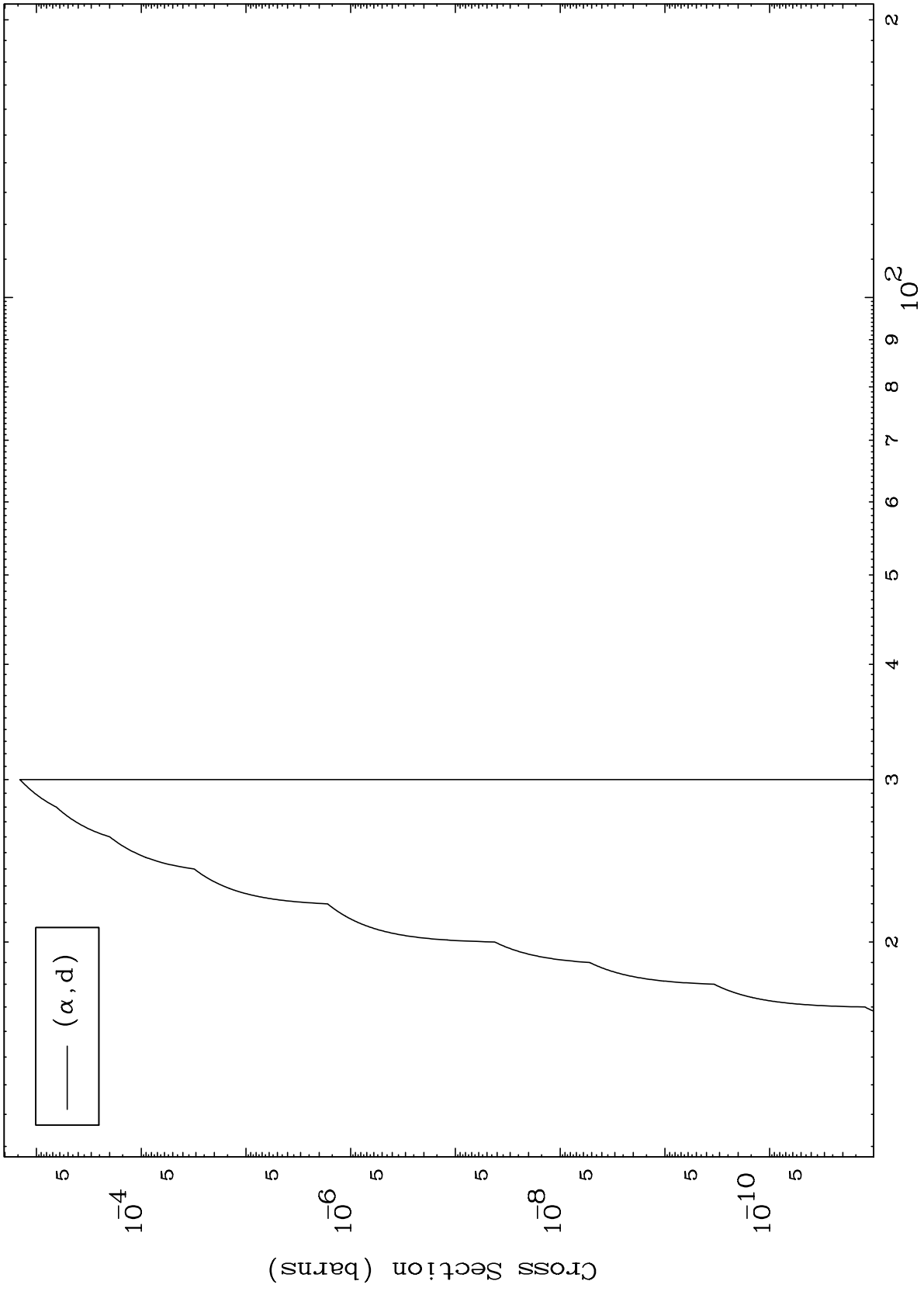
Incident Energy (MeV)

65-Tb-148

MAT 6493

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

65-Tb-148



7

Incident Energy (MeV)

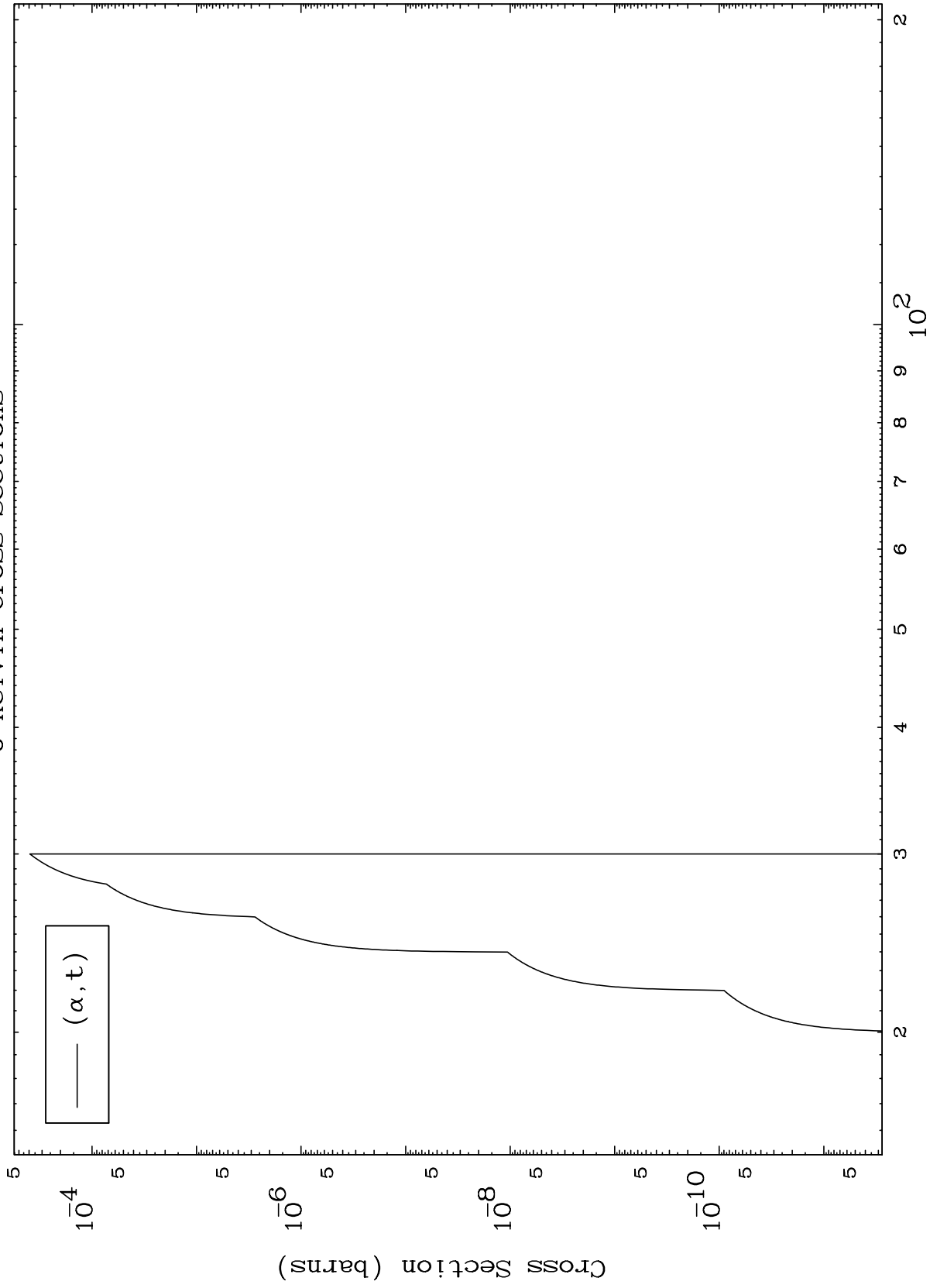
65-Tb-148



MAT 6493

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

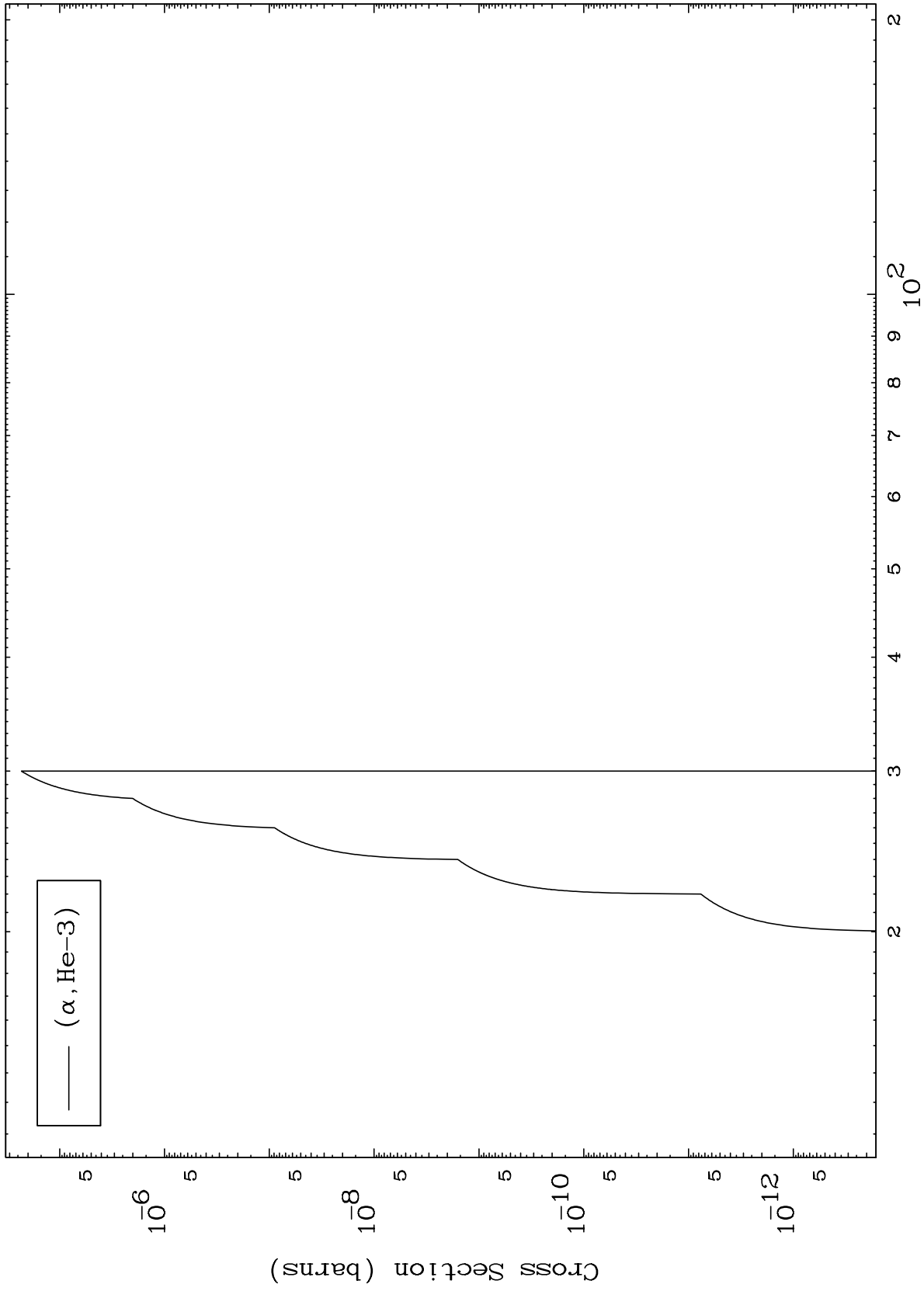
65-Tb-148



8

Incident Energy (MeV)

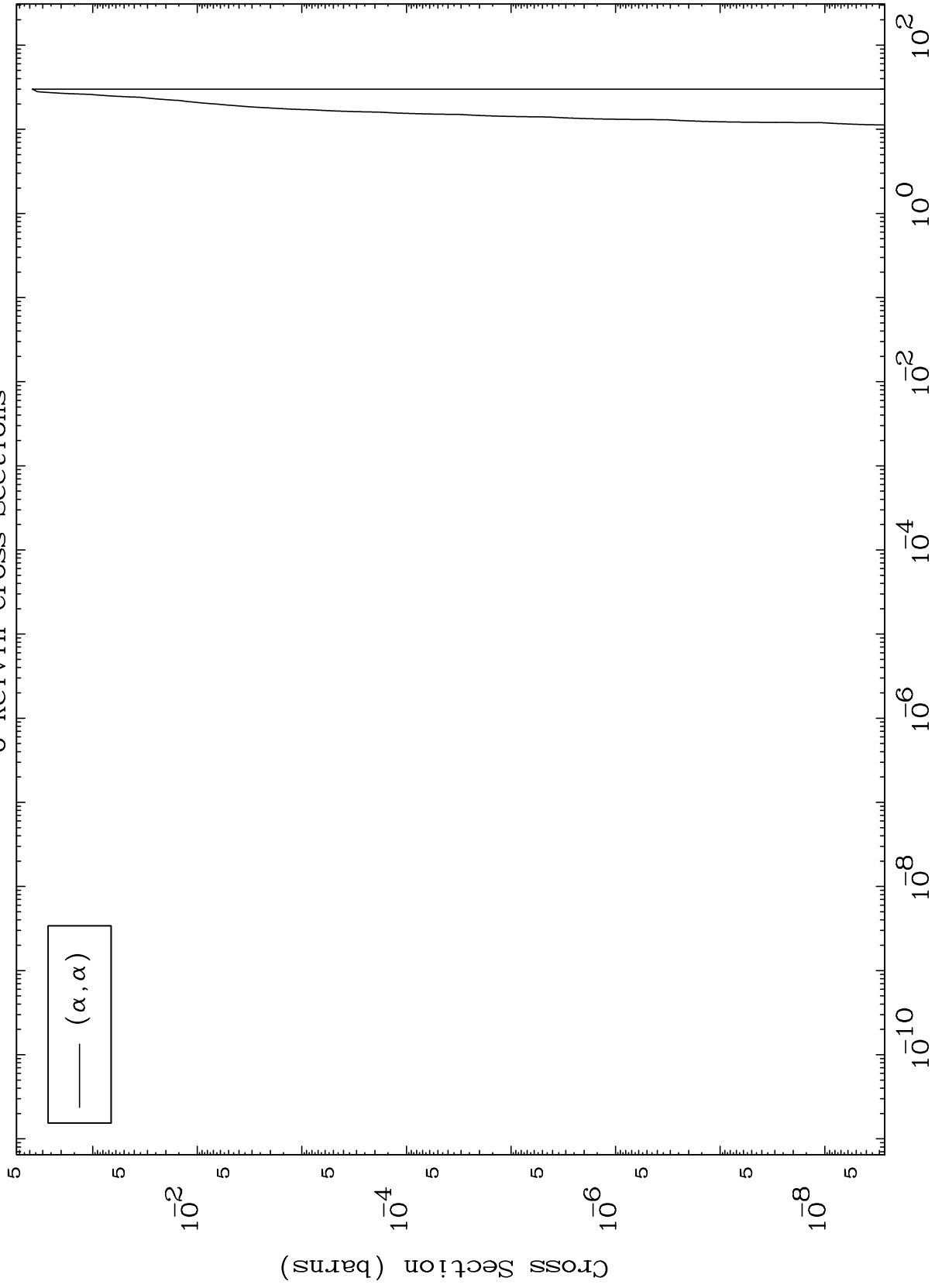
65-Tb-148



MAT 6493

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

65-Tb-148



10

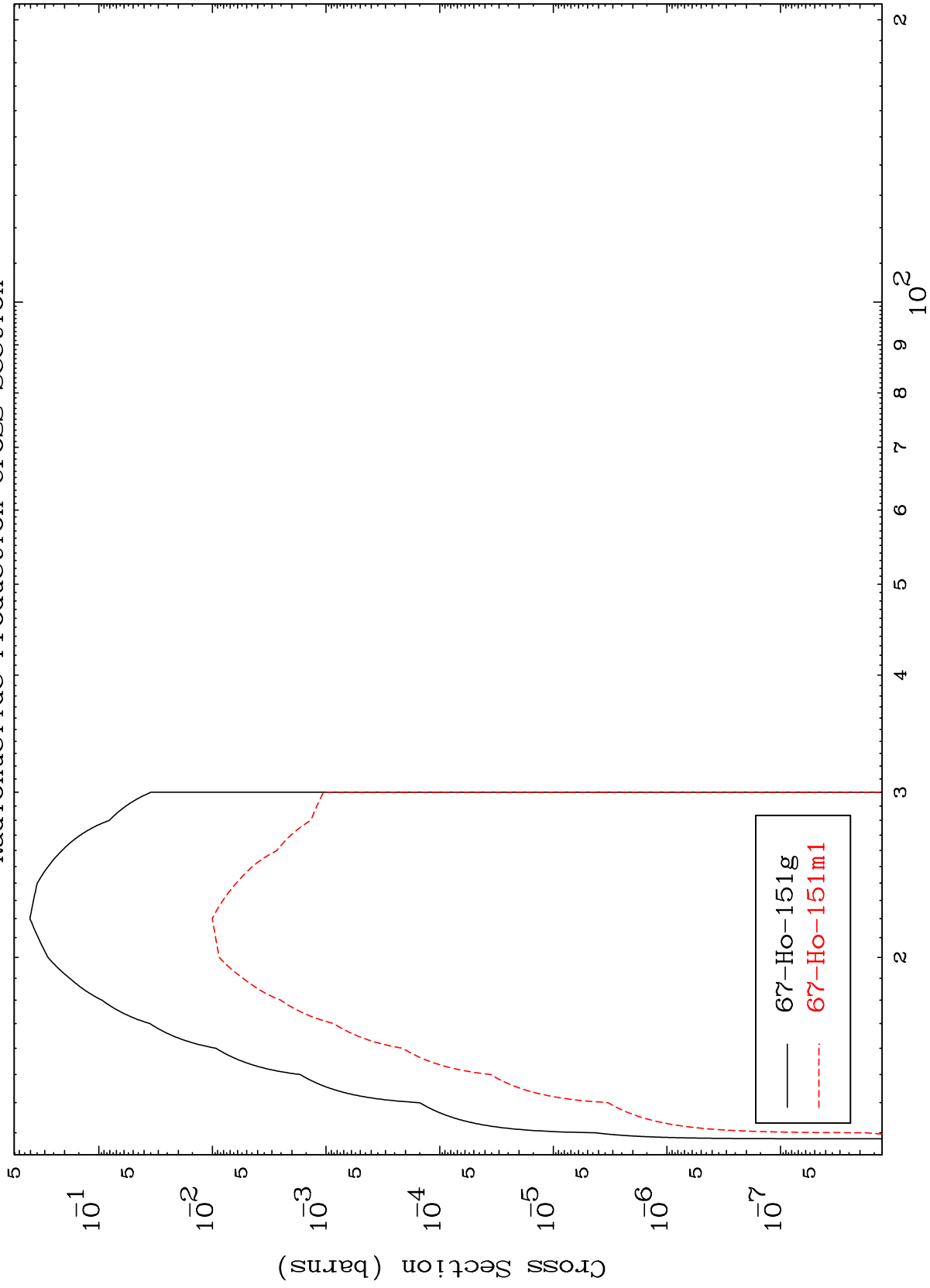
Incident Energy (MeV)

65-Tb-148

MAT 6493

Radionuclide Production Cross Section  
 $\alpha$  Inelastic

65-Tb-148



11

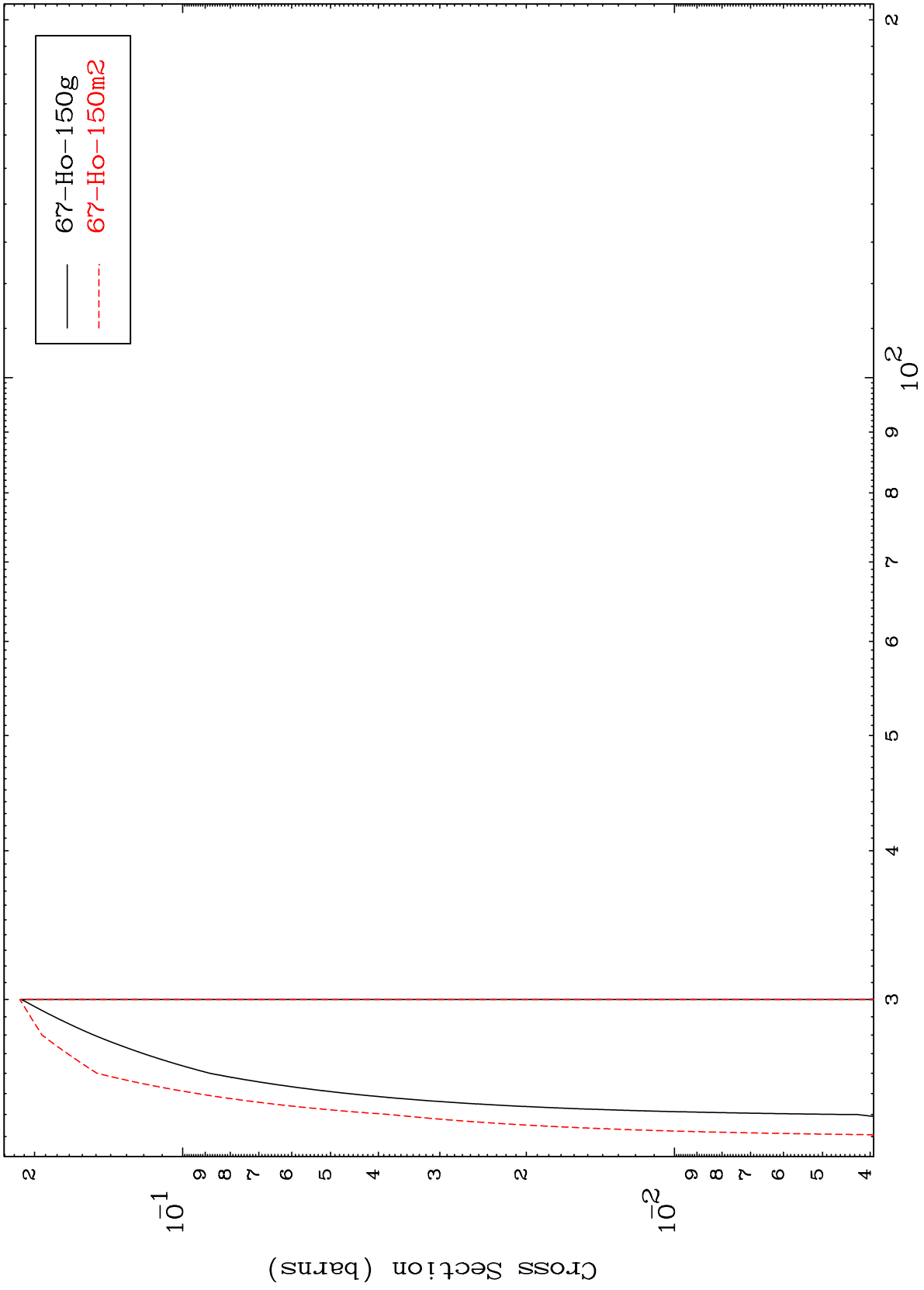
Incident Energy (MeV)

65-Tb-148

MAT 6493

65-Tb-148

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



12

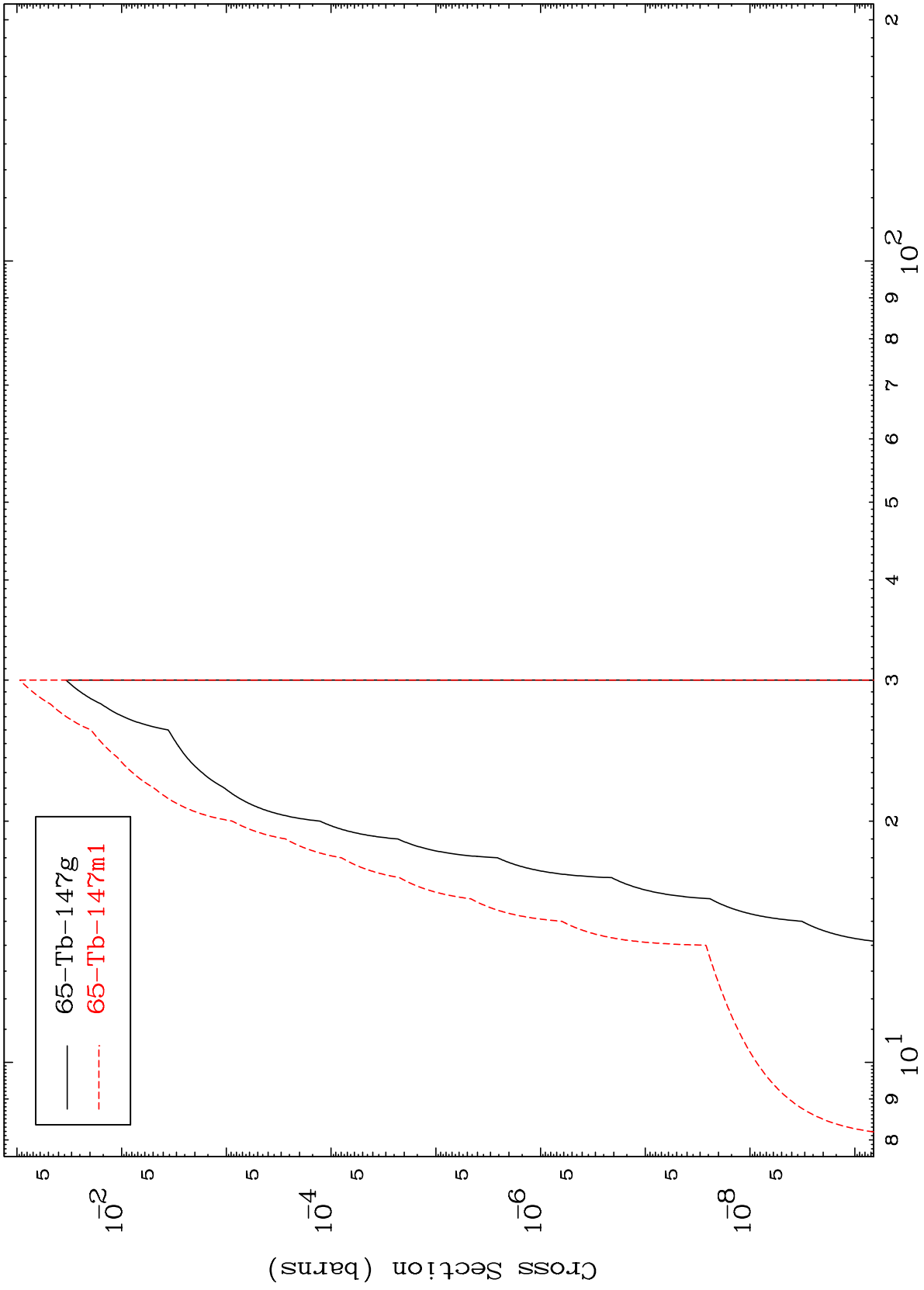
Incident Energy (MeV)

65-Tb-148

MAT 6493

65-Tb-148

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



13

Incident Energy (MeV)

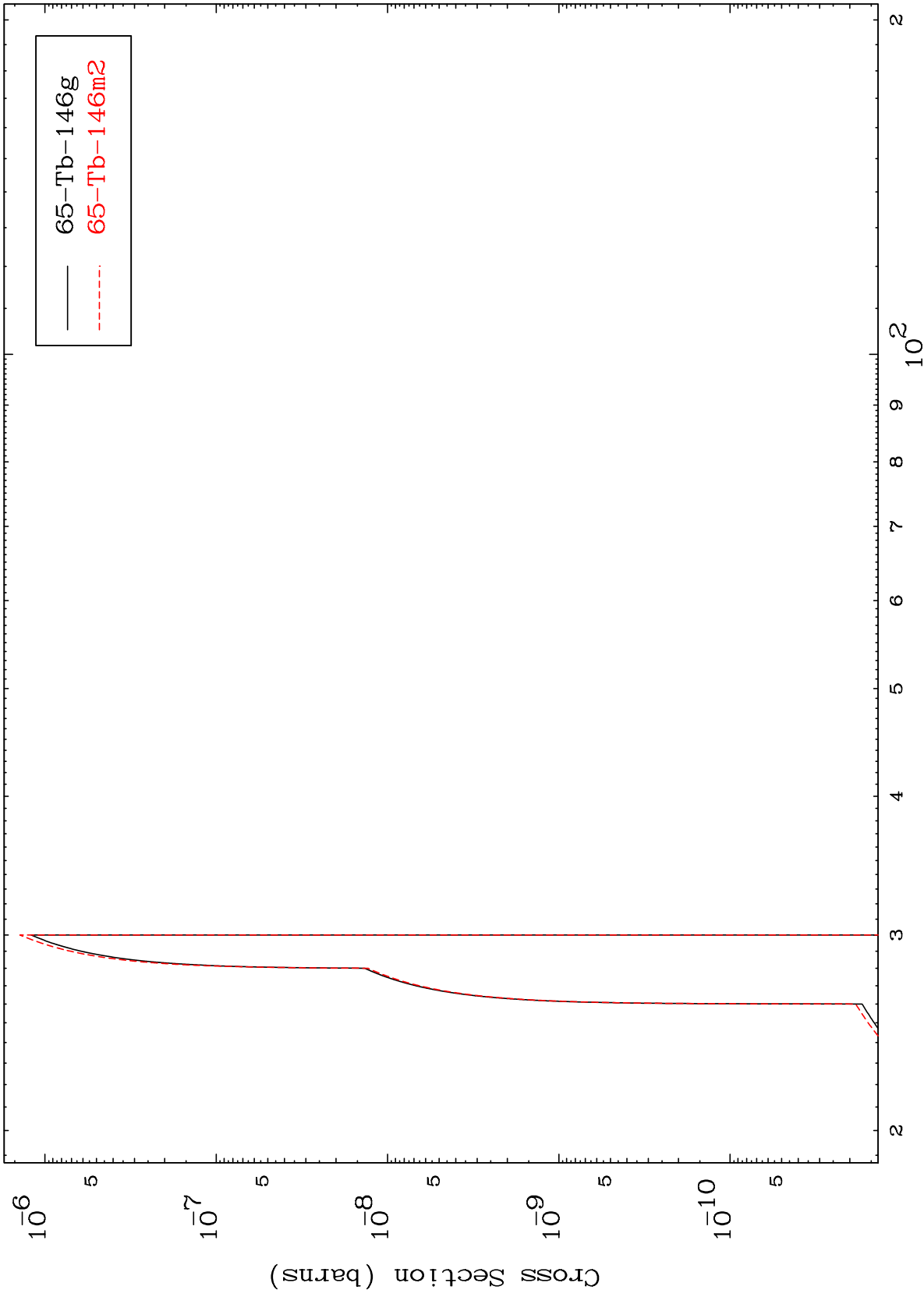
65-Tb-148

MAT 6493

$(\alpha, 2n) \alpha$

$^{65}\text{Tb-148}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

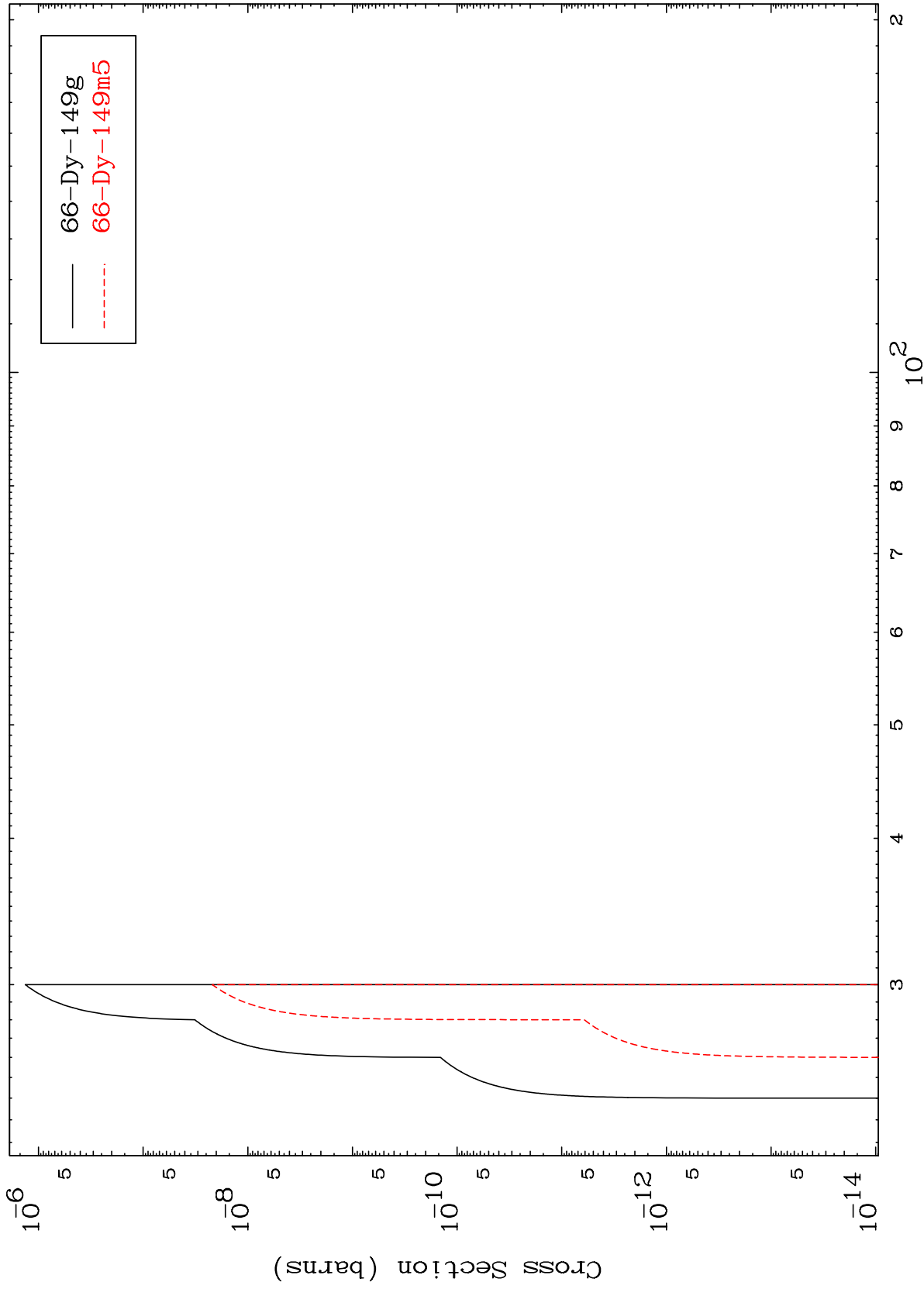
$^{65}\text{Tb-148}$

MAT 6493

( $\alpha, n'$ ) d

65-Tb-148

Radionuclide Production Cross Section



15

Incident Energy (MeV)

65-Tb-148

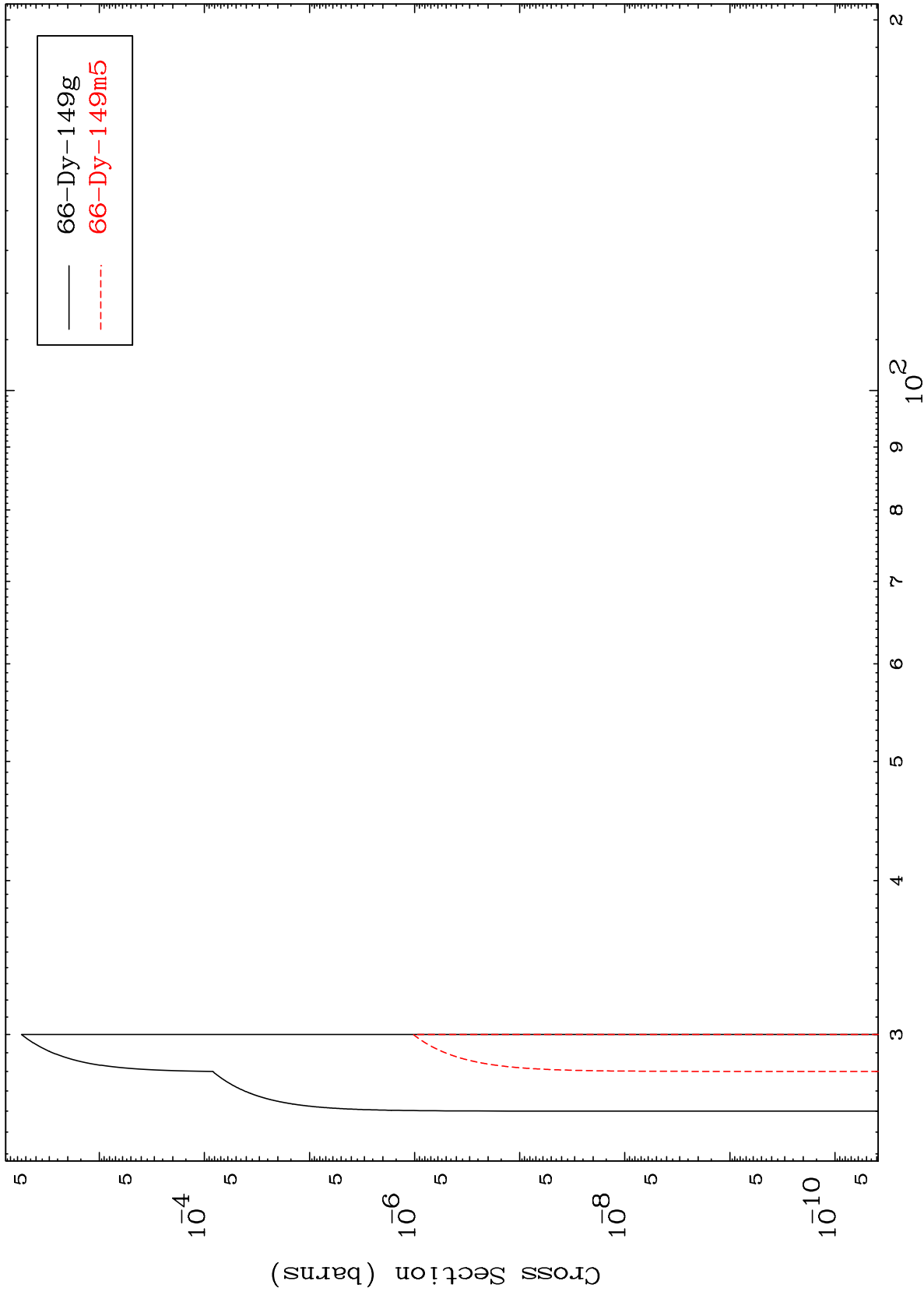


MAT 6493

( $\alpha, 2n$ ) p

65-Tb-148

Radionuclide Production Cross Section



16

Incident Energy (MeV)

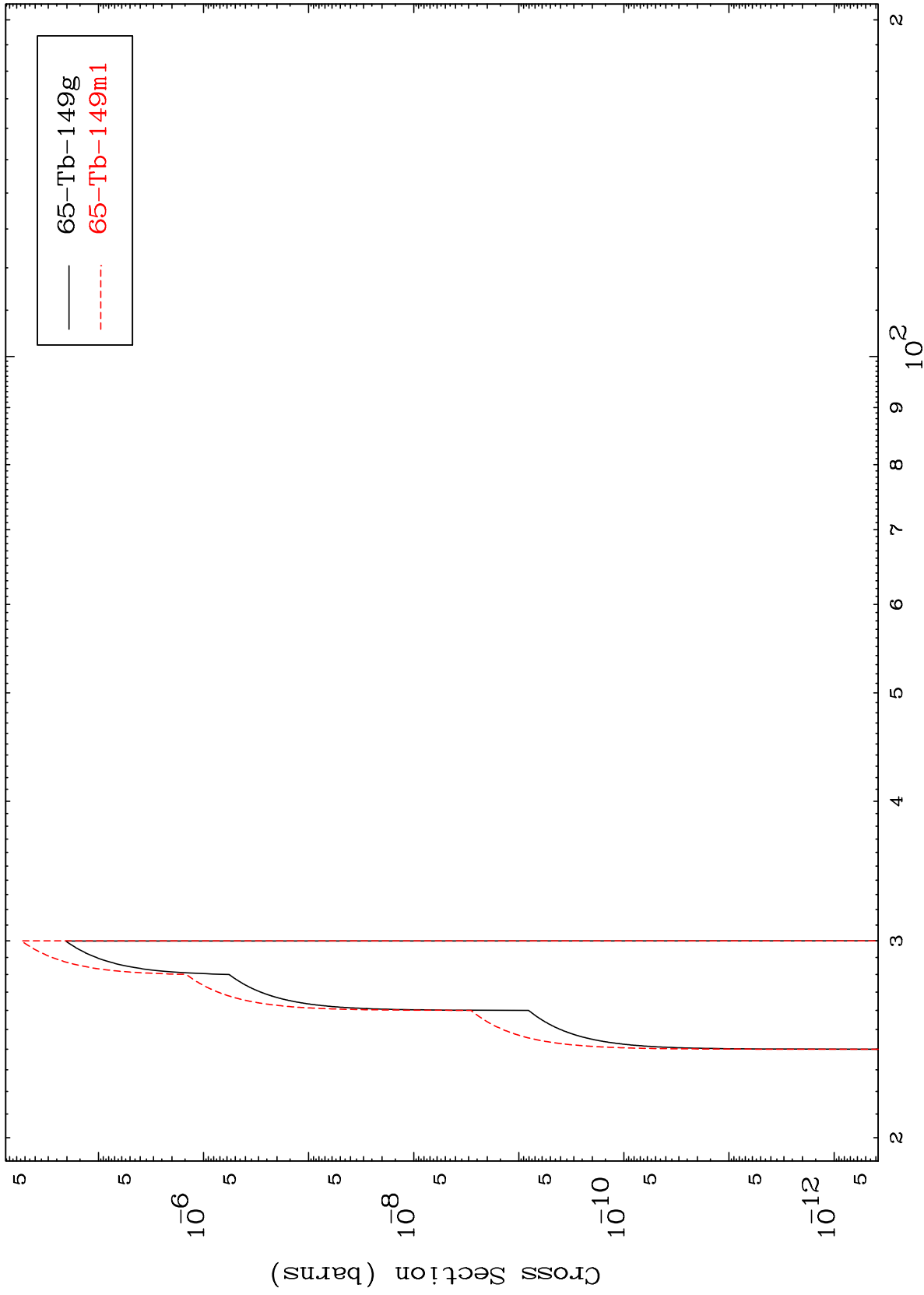
65-Tb-148

MAT 6493

( $\alpha, 2n$ ) p

65-Tb-148

Radionuclide Production Cross Section



17

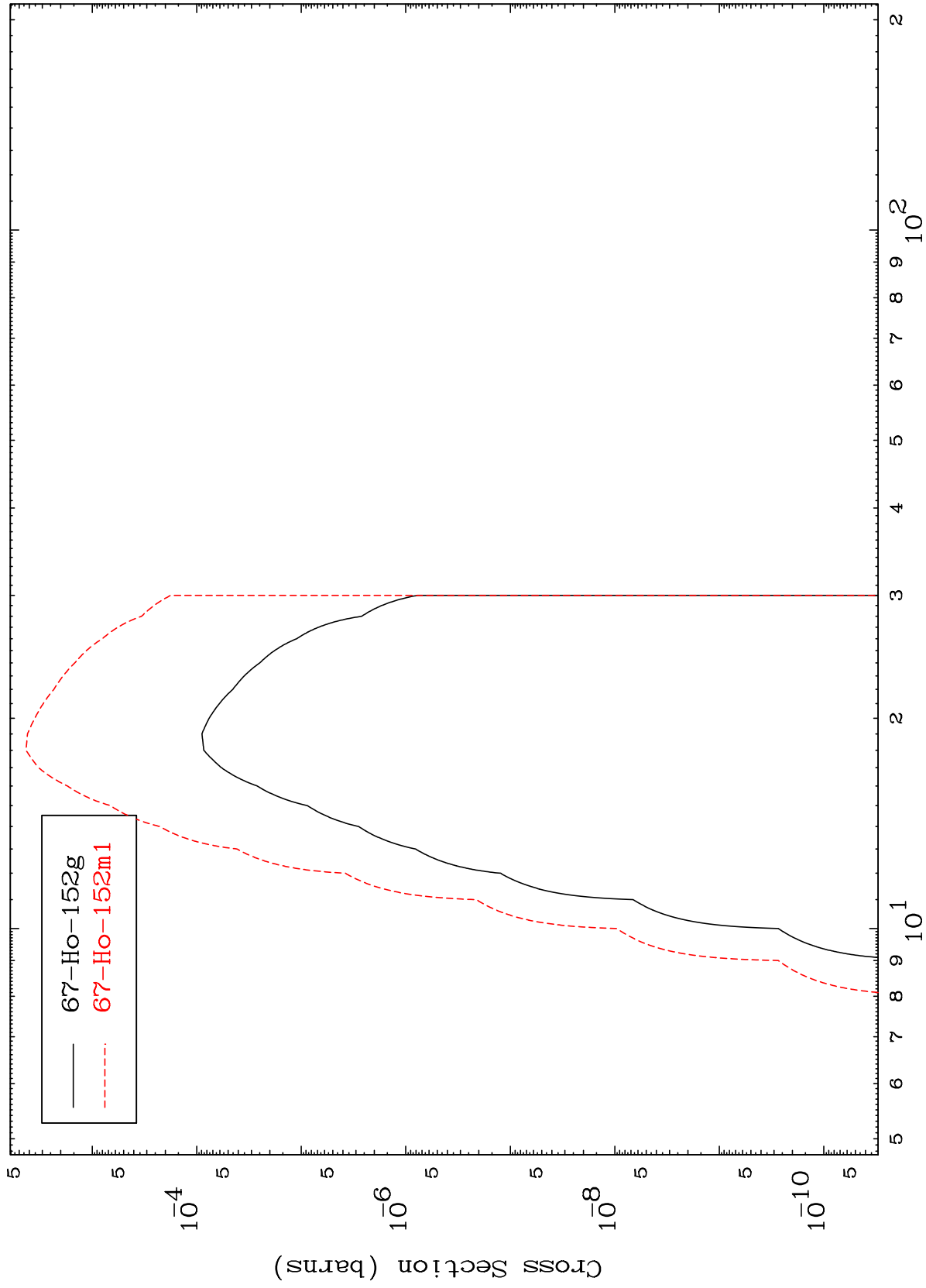
Incident Energy (MeV)

65-Tb-148

MAT 6493

65-Tb-148

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



18

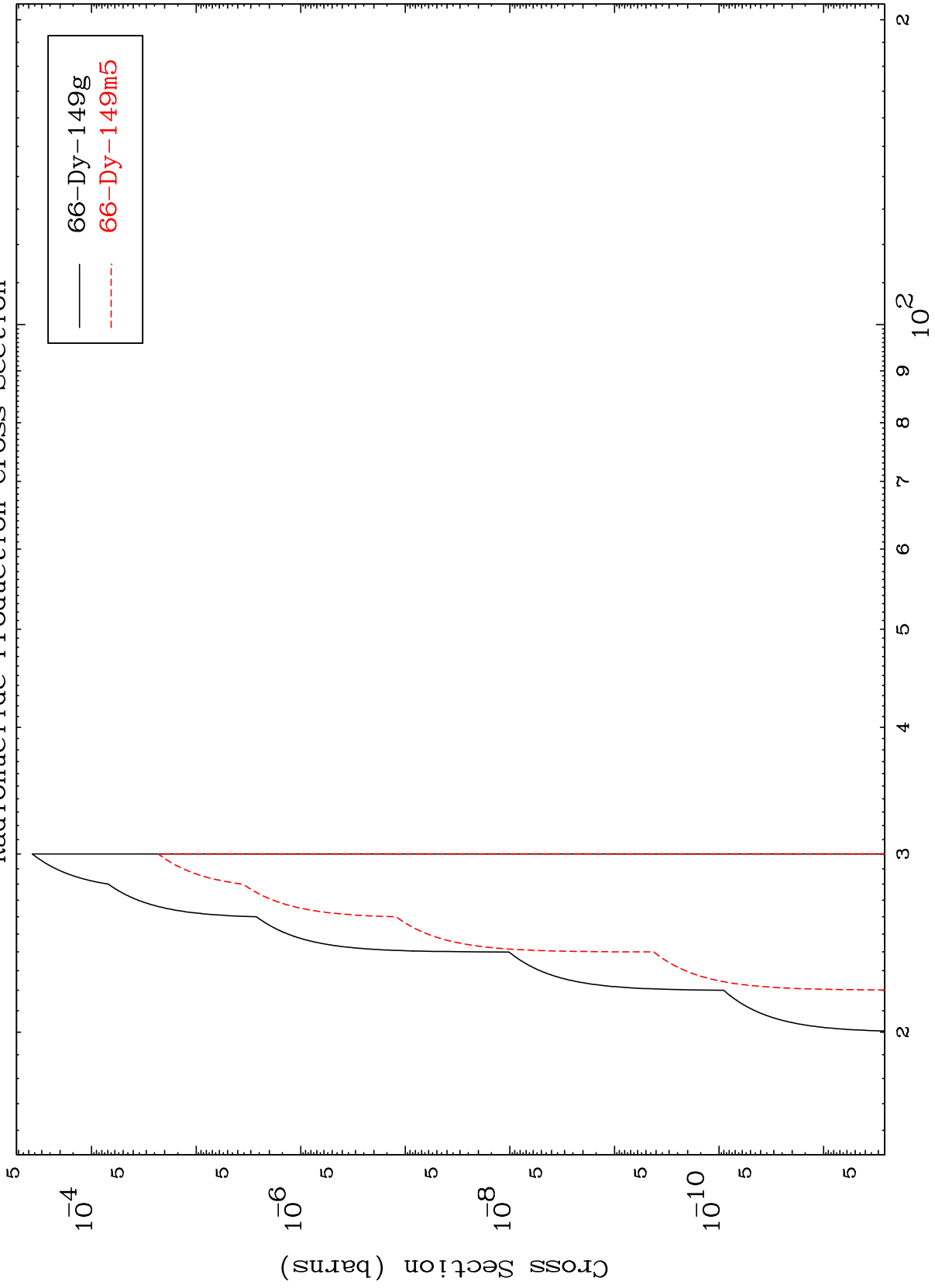
Incident Energy (MeV)

65-Tb-148

MAT 6493

65-Tb-148

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



19

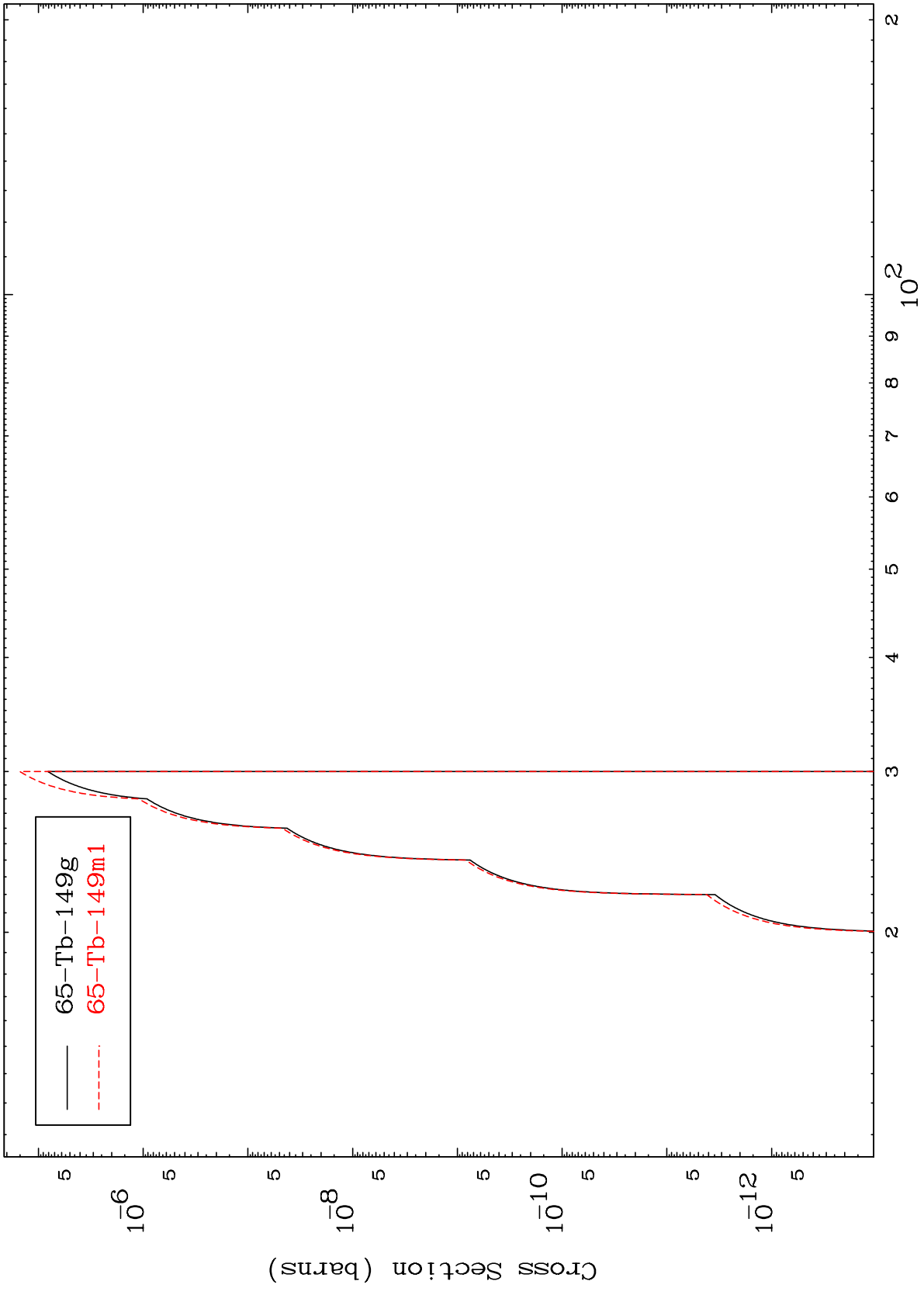
65-Tb-148

MAT 6493

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

65-Tb-148

Radionuclide Production Cross Section



20

Incident Energy (MeV)

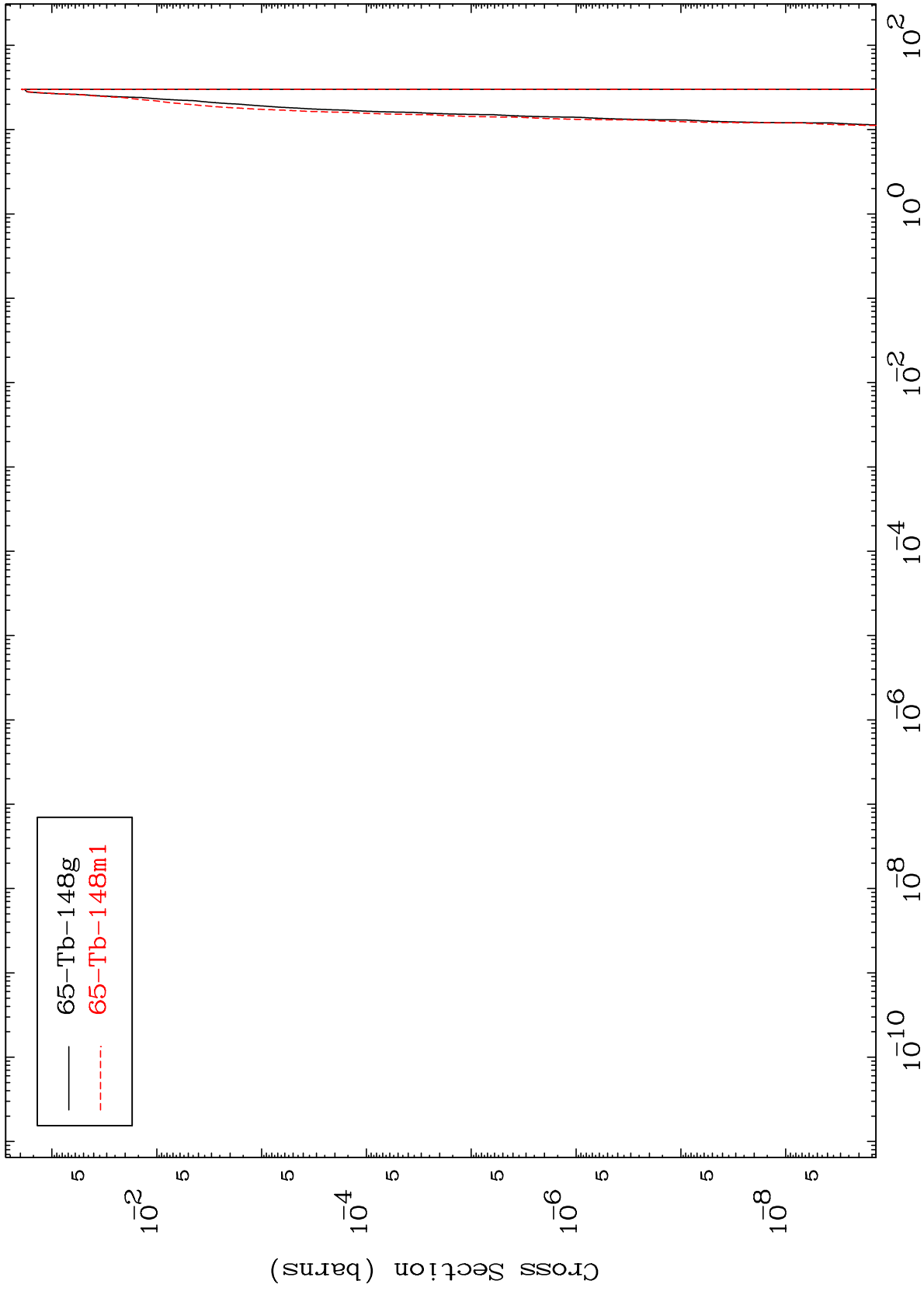
65-Tb-148

MAT 6493

( $\alpha, \alpha$ )

65-Tb-148

Radionuclide Production Cross Section



21

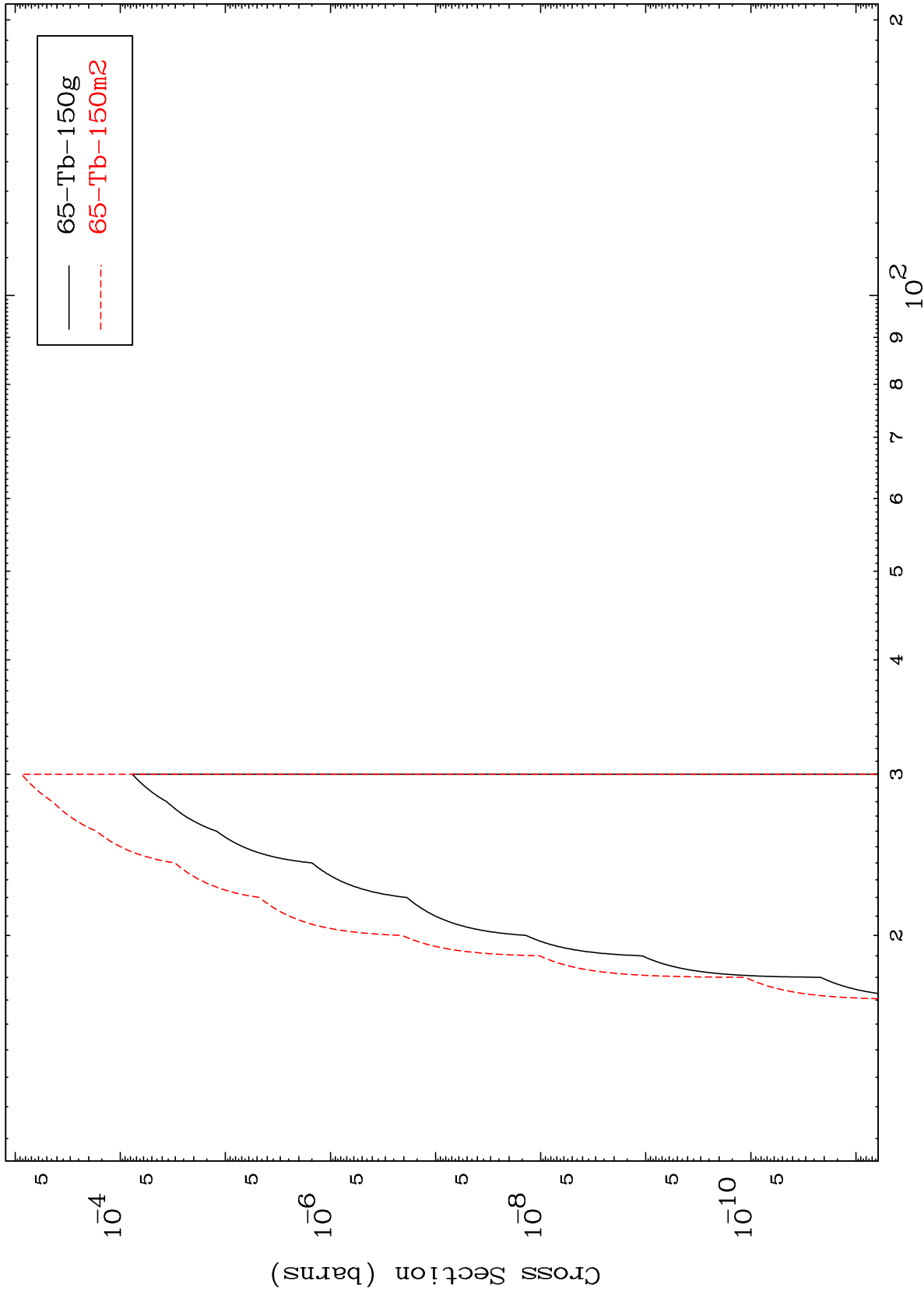
Incident Energy (MeV)

65-Tb-148

MAT 6493

65-Tb-148

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



22

Incident Energy (MeV)

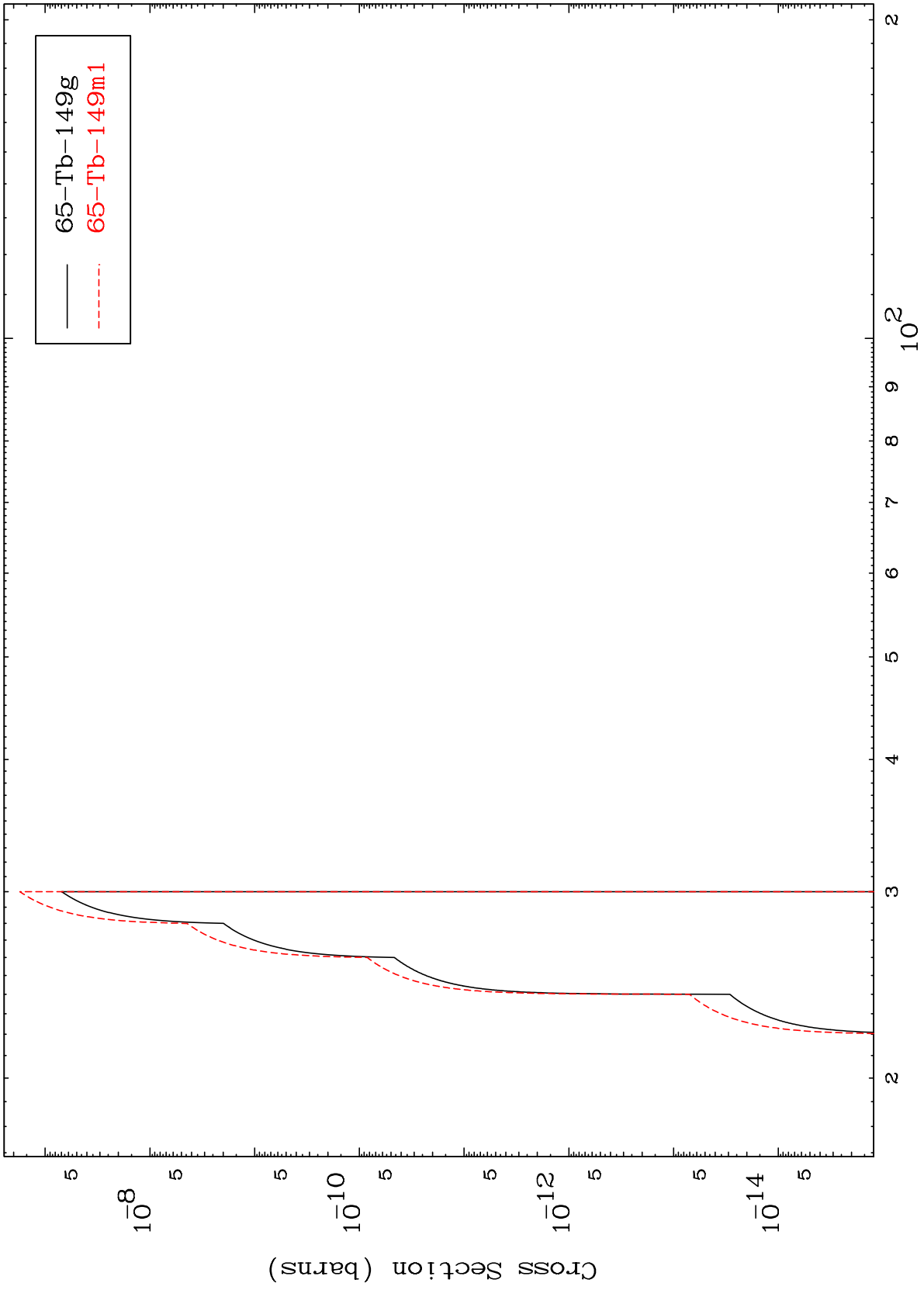
65-Tb-148

MAT 6493

( $\alpha, p$ ) d

65-Tb-148

Radionuclide Production Cross Section



23

Incident Energy (MeV)

65-Tb-148

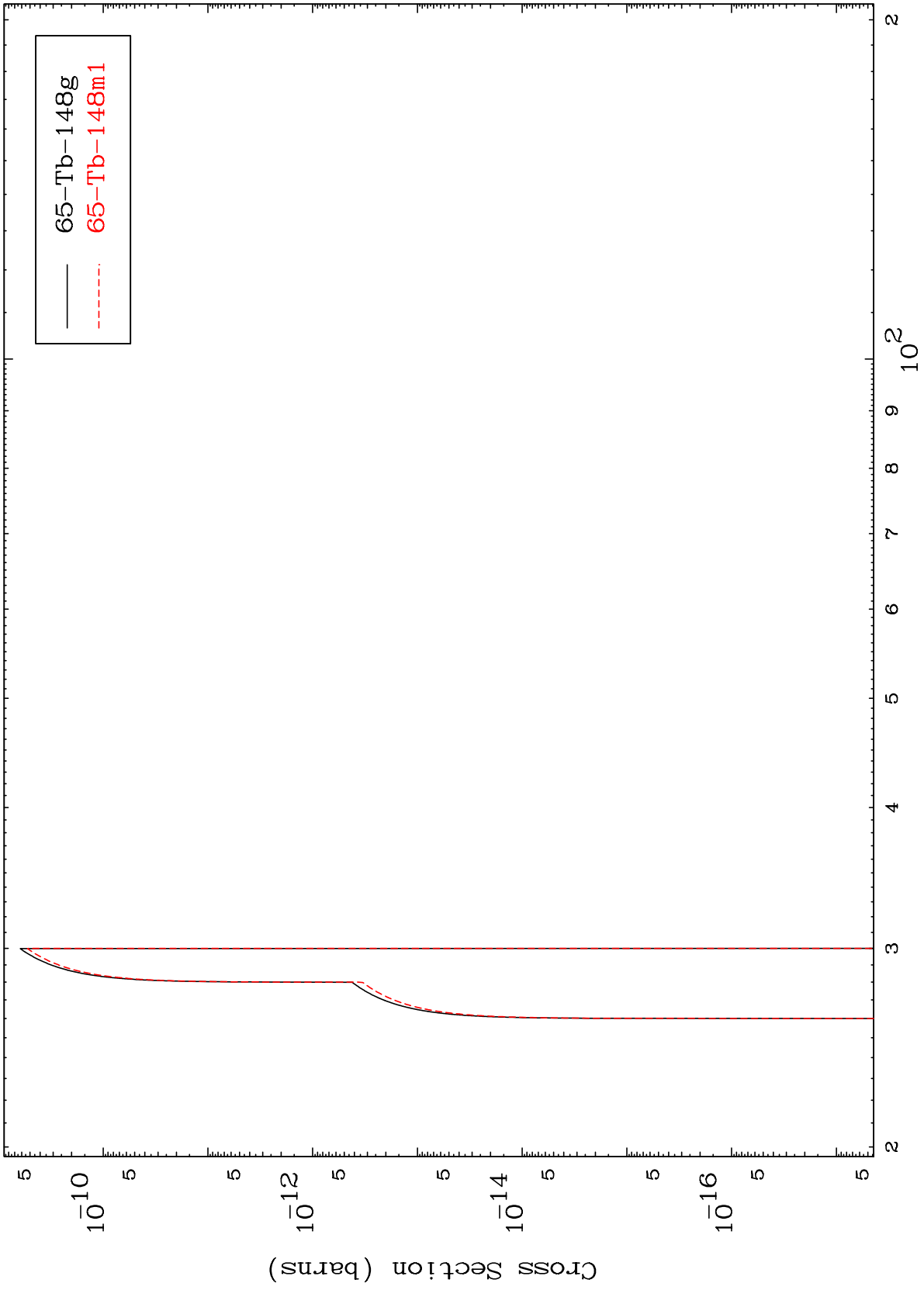


MAT 6493

( $\alpha, p$ ) t

65-Tb-148

Radionuclide Production Cross Section



24

Incident Energy (MeV)

65-Tb-148