

Program EVALPLOT  
(Version 2018-1)

by

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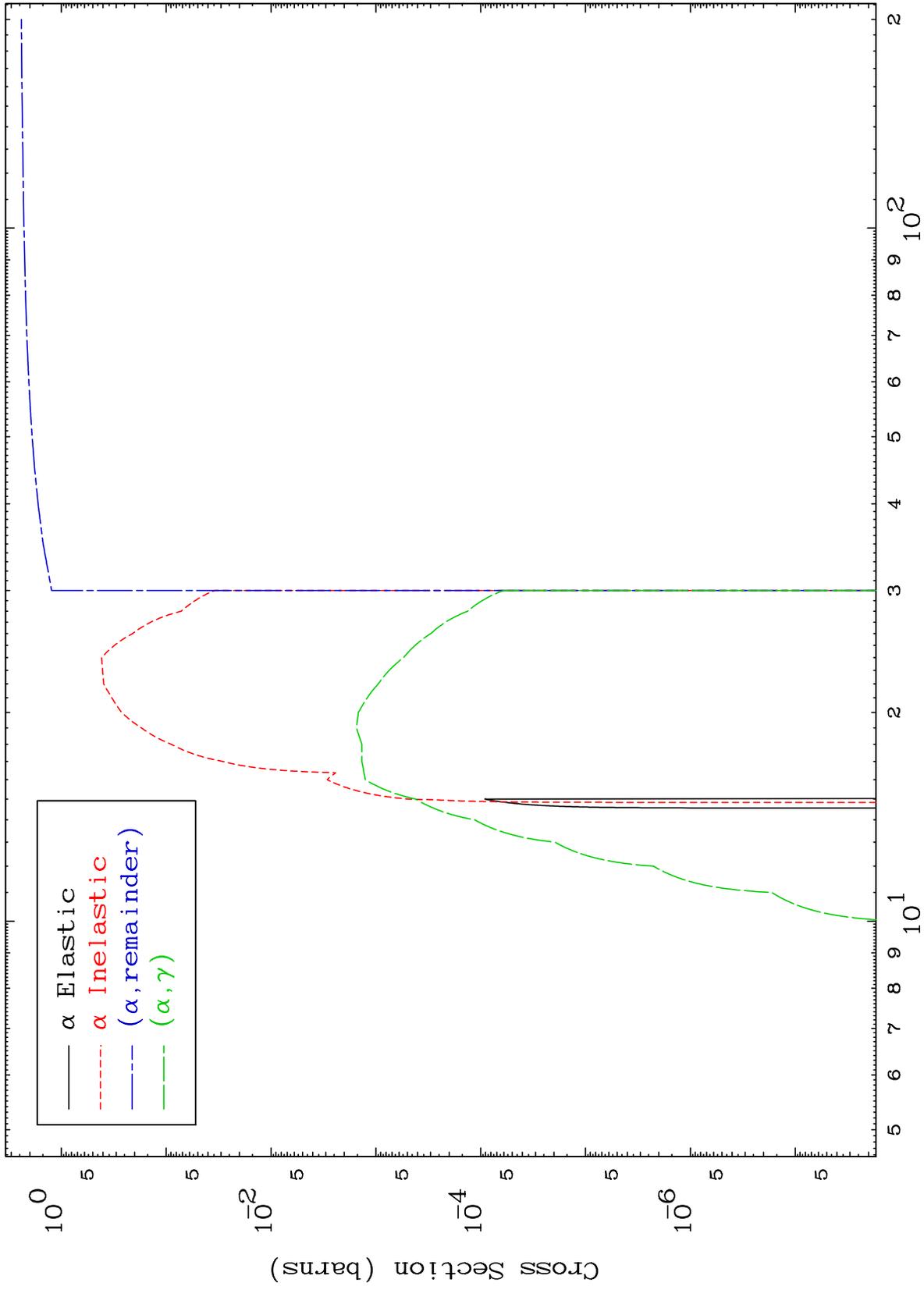
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6489

0 Kelvin  $\alpha$  Major  
Cross Sections

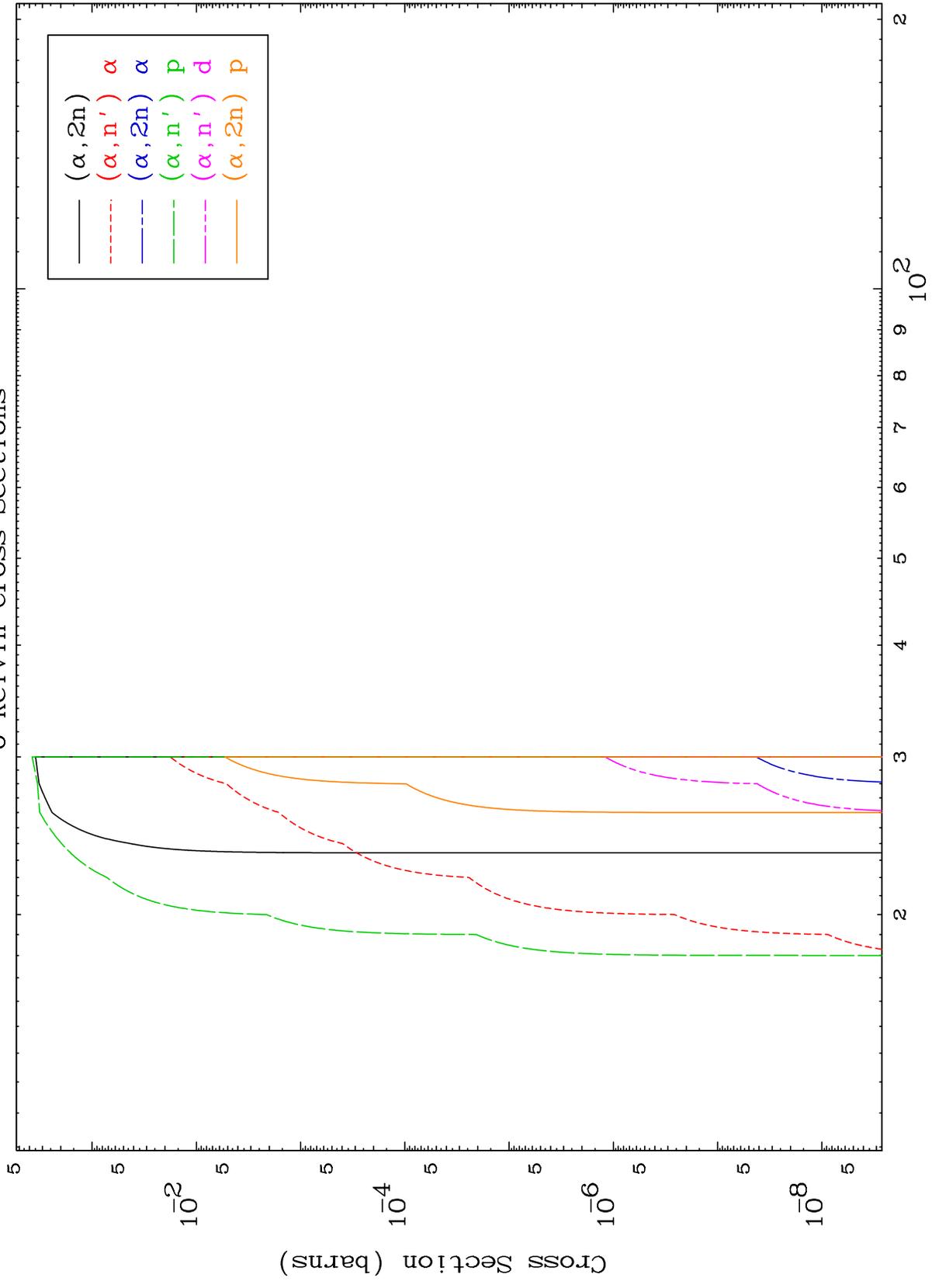
65-Tb-147

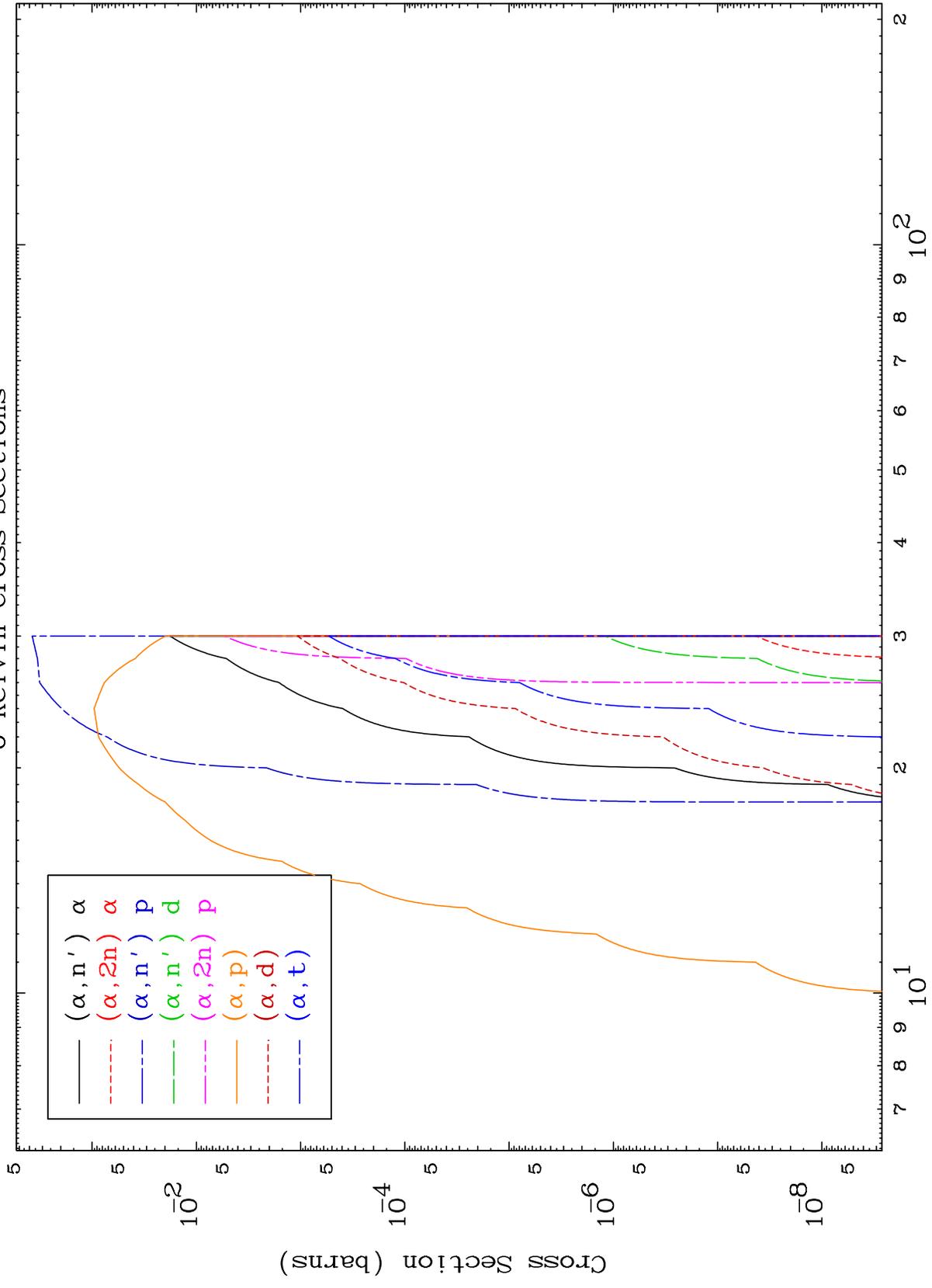


1

Incident Energy (MeV)

65-Tb-147

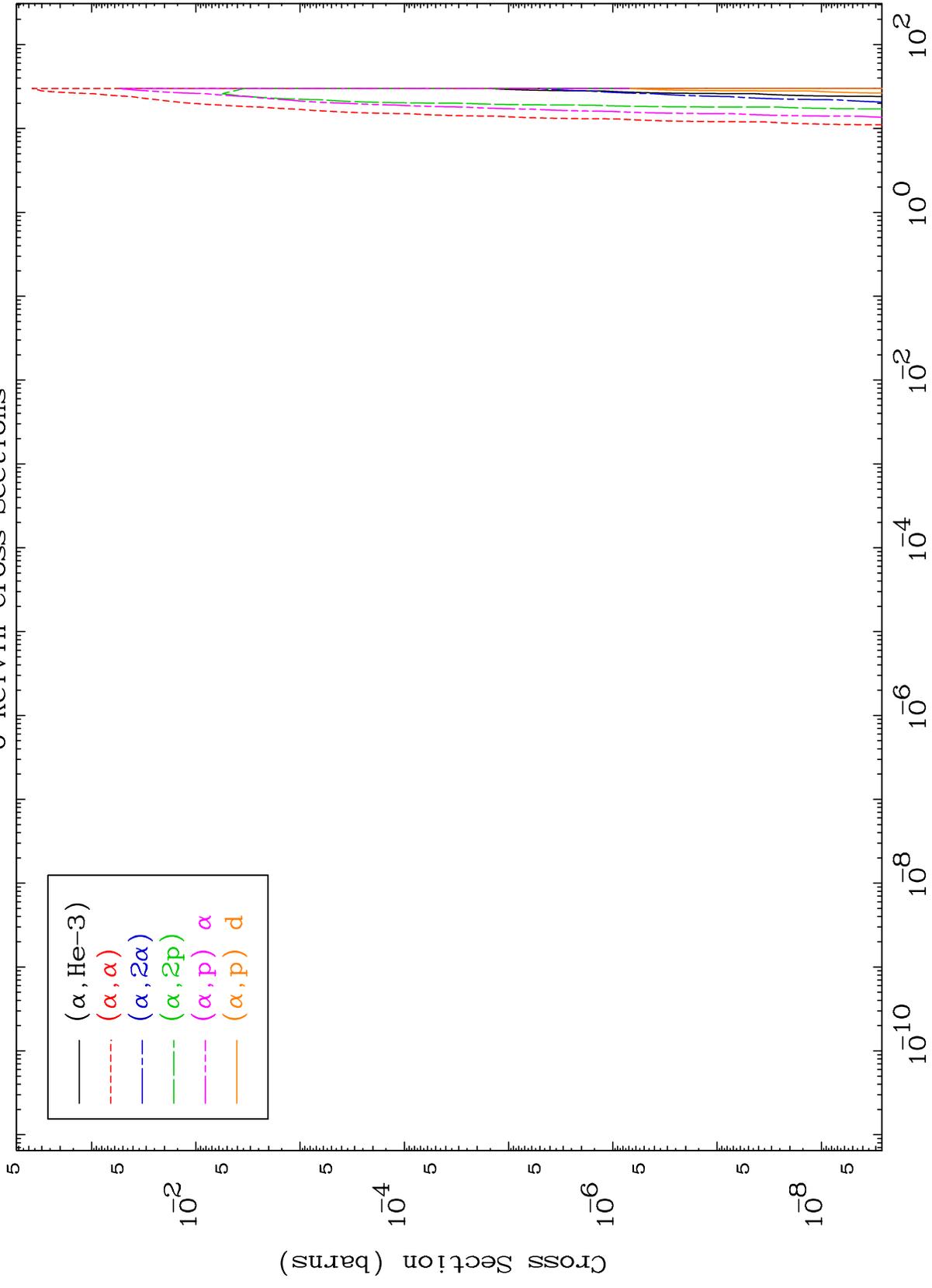




MAT 6489

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

65-Tb-147

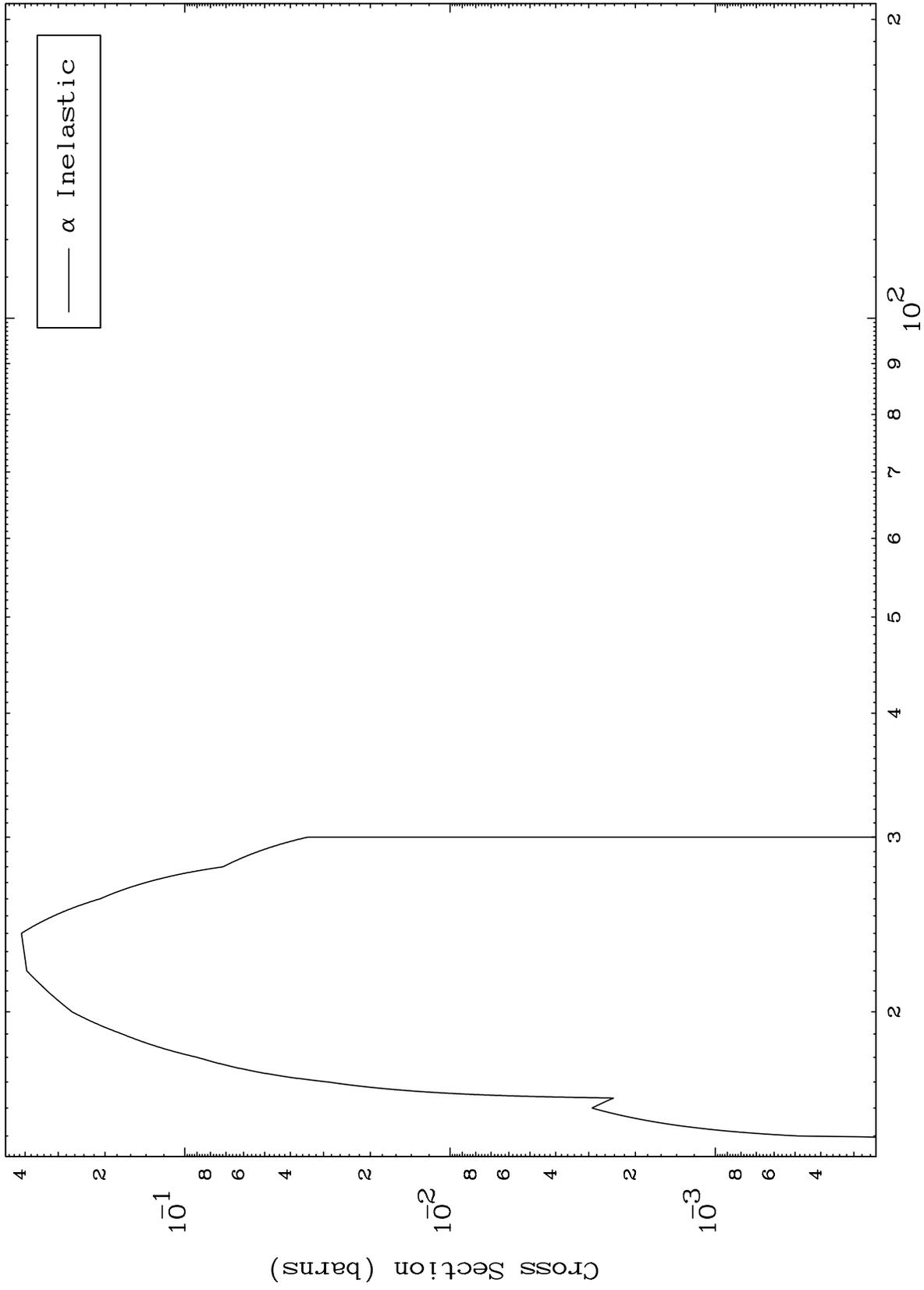


65-Tb-147

MAT 6489

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

65-Tb-147



5

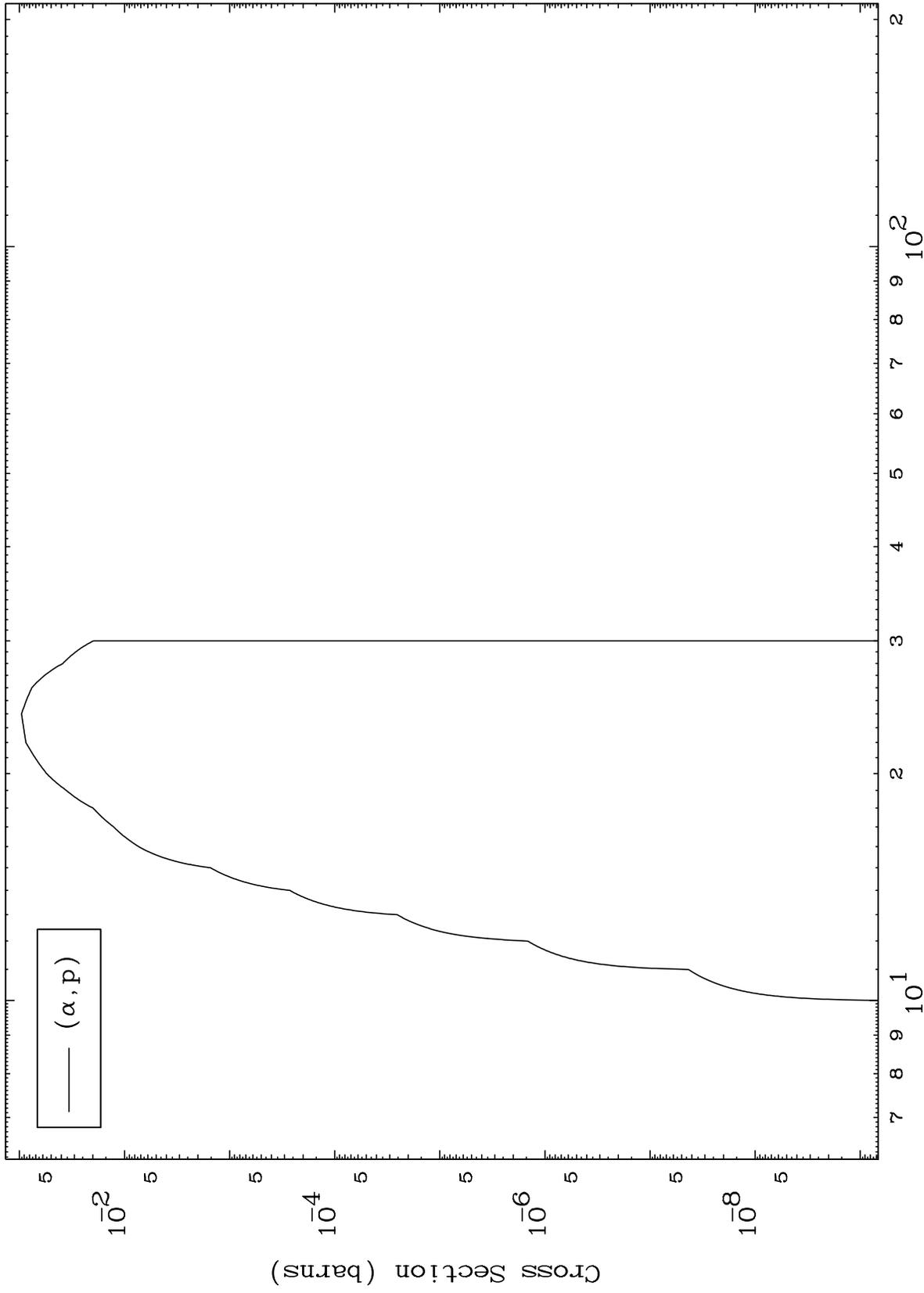
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



6

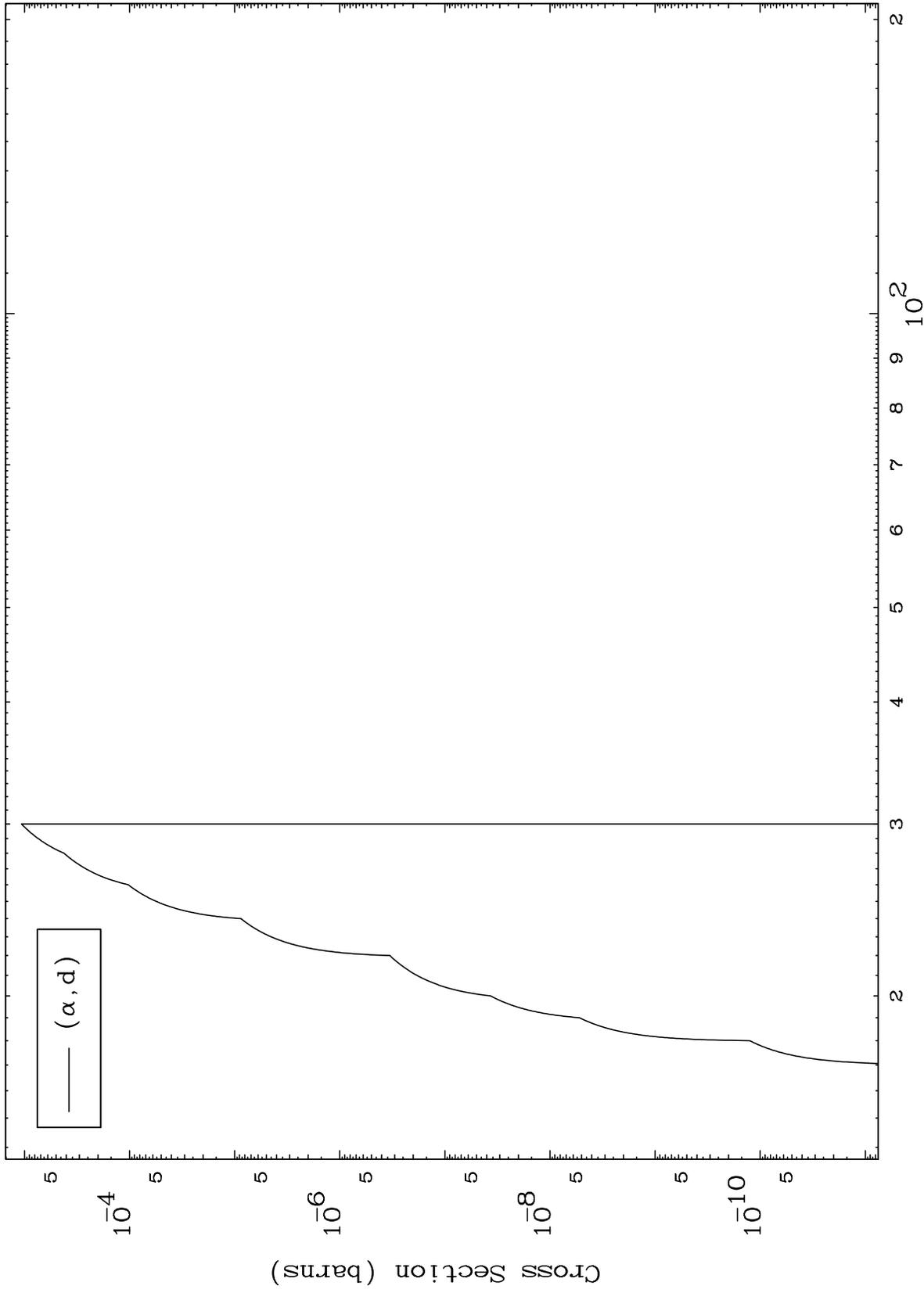
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



7

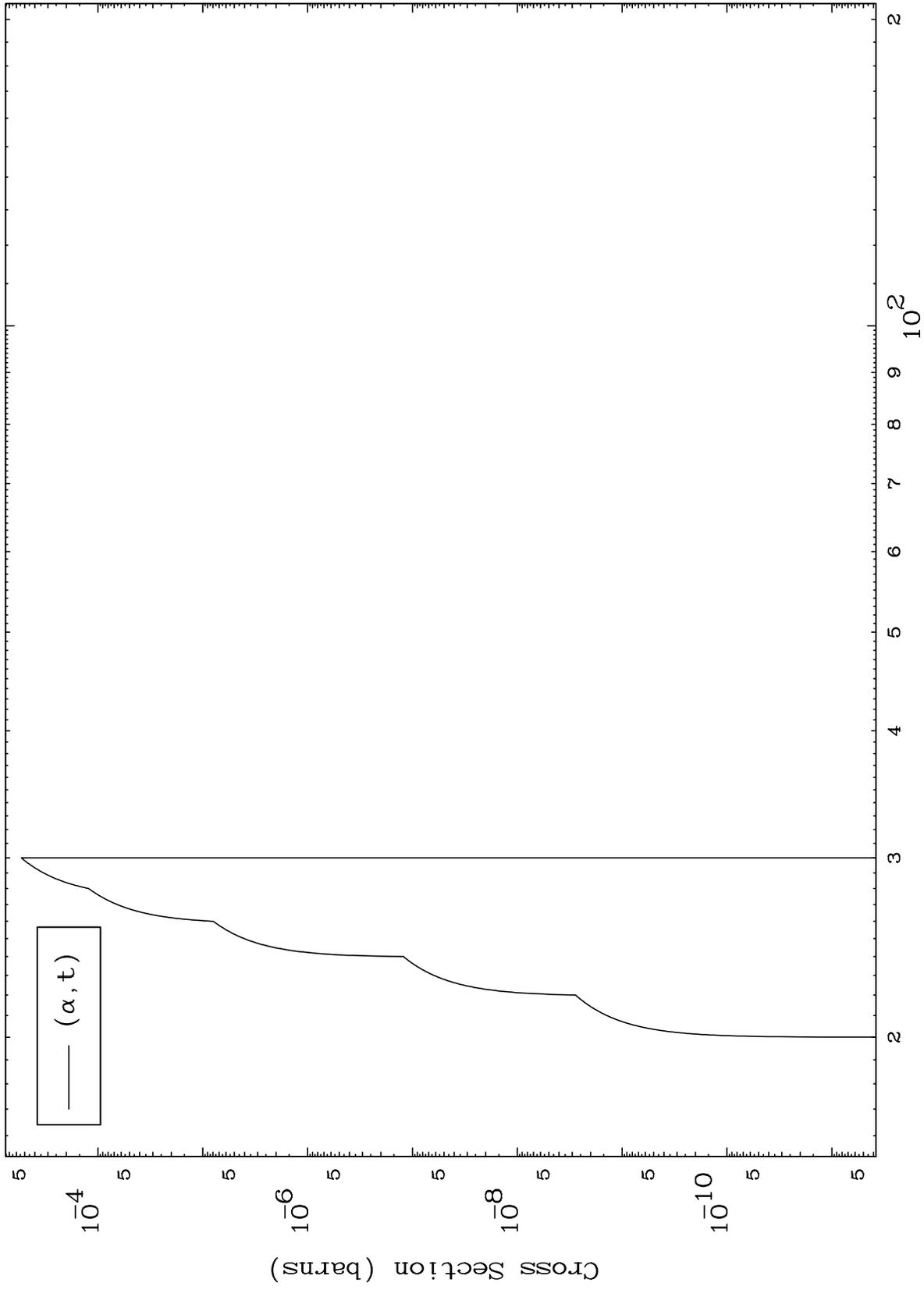
Incident Energy (MeV)

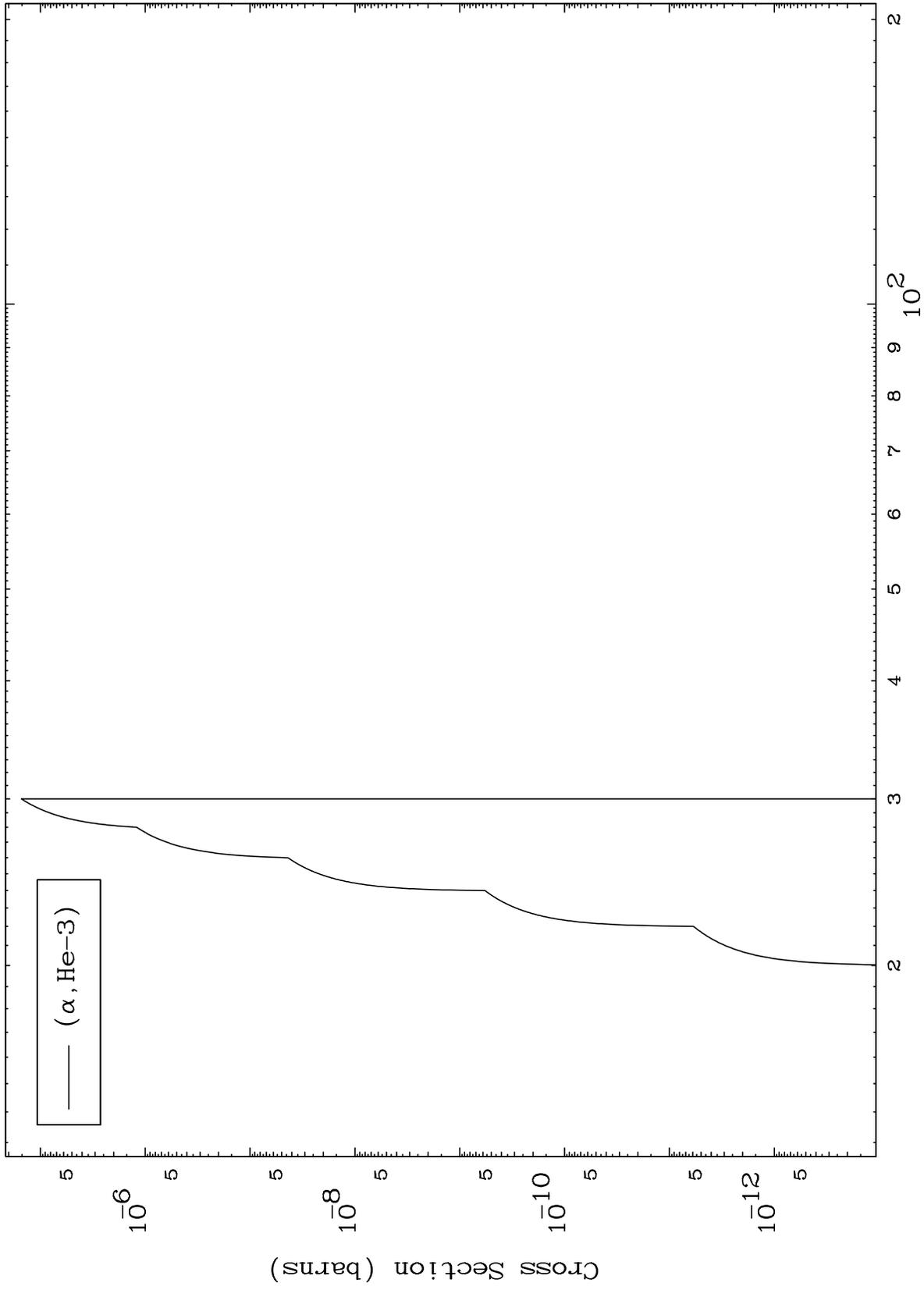
65-Tb-147

MAT 6489

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

65-Tb-147

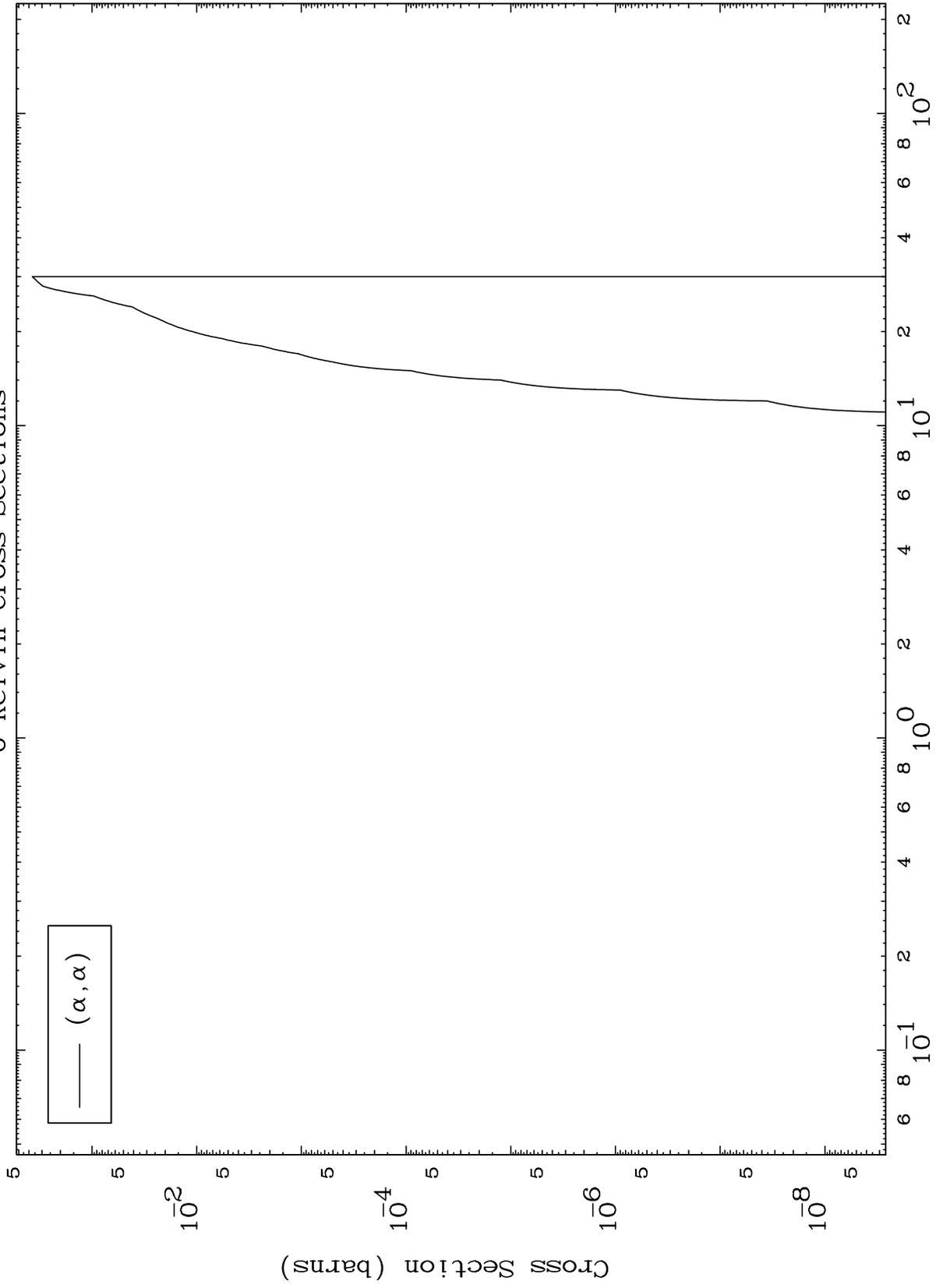




MAT 6489

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

65-Tb-147



10

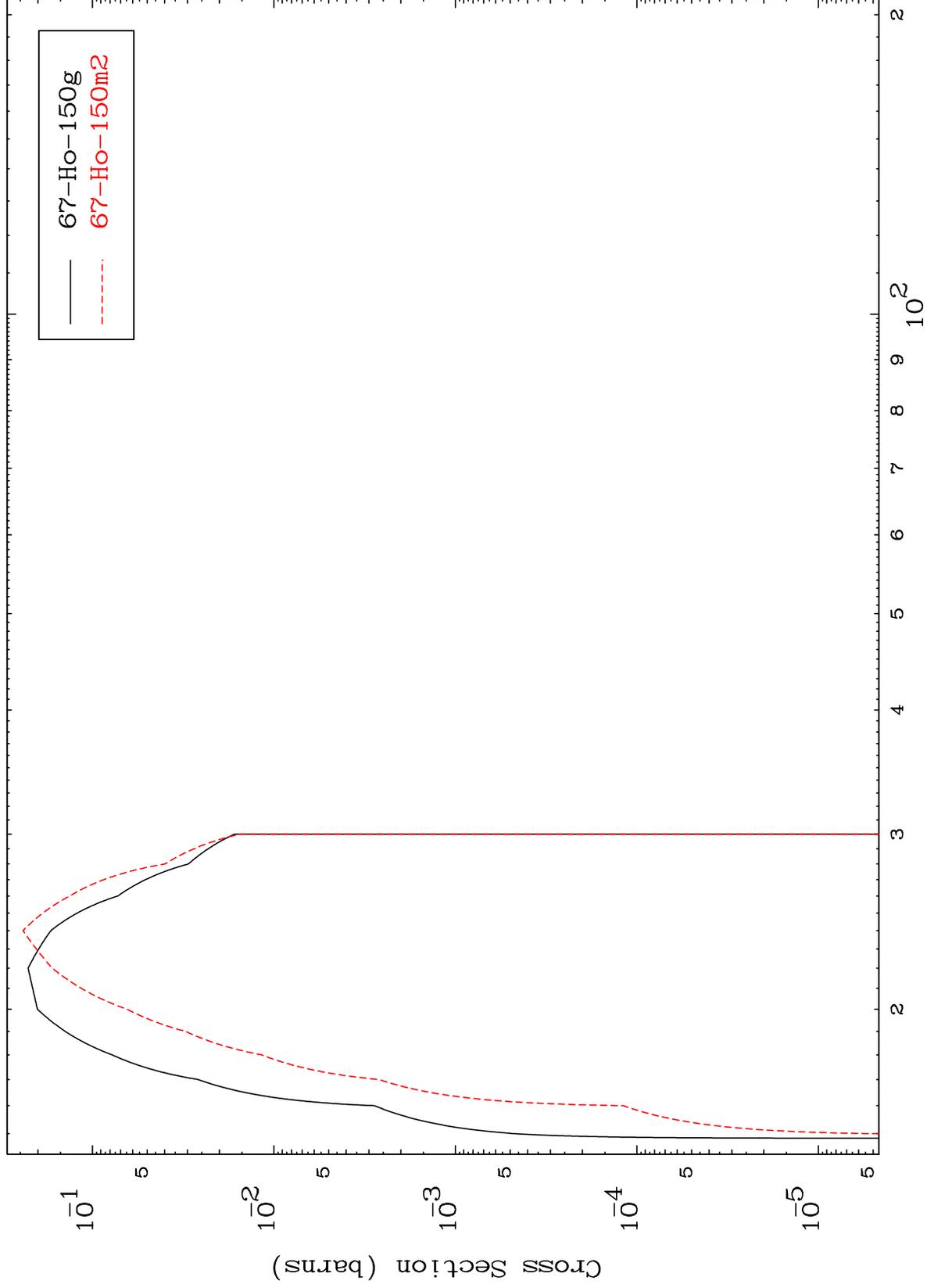
Incident Energy (MeV)

65-Tb-147

MAT 6489

$\alpha$  Inelastic  
Radionuclide Production Cross Section

65-Tb-147



11

Incident Energy (MeV)

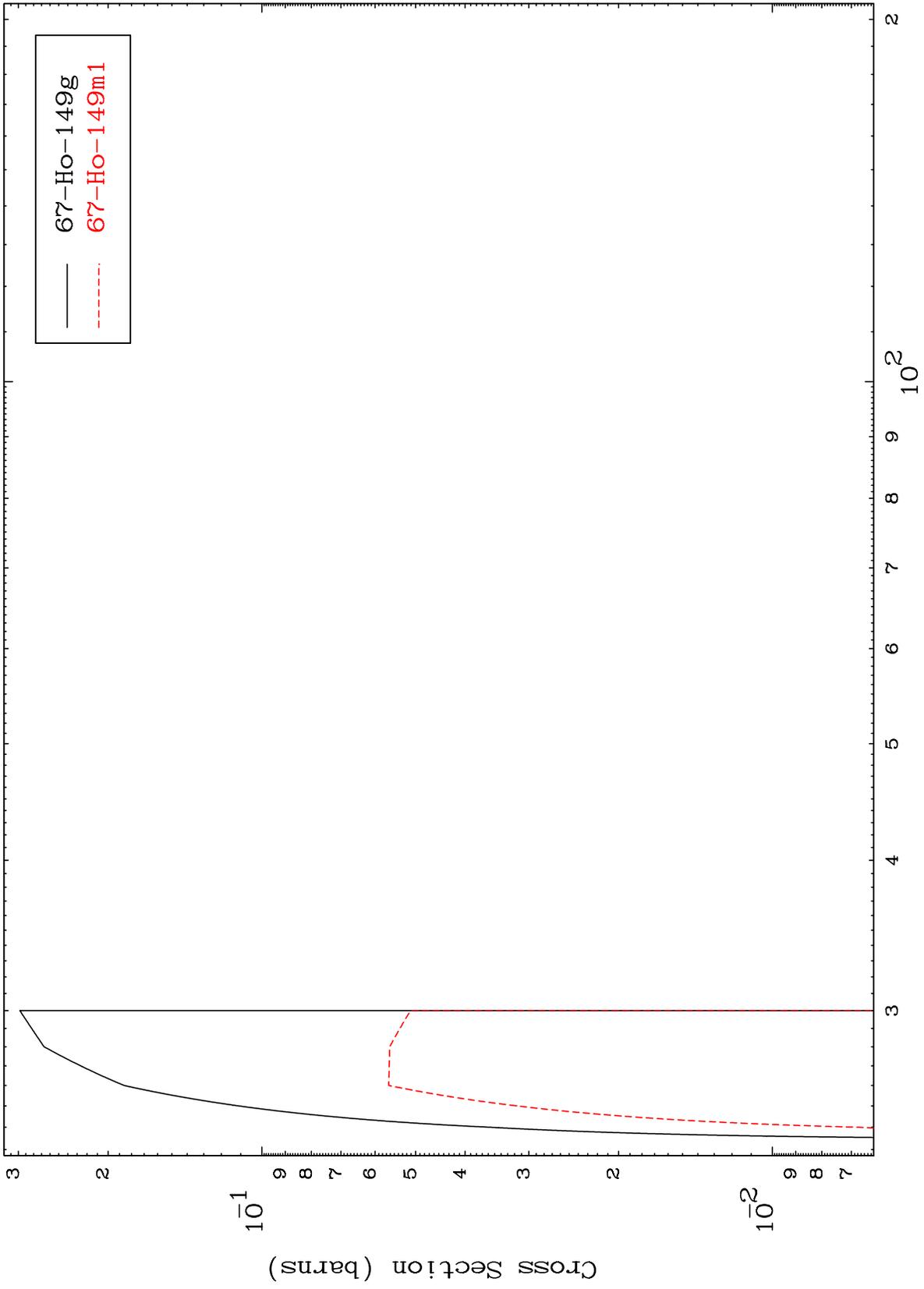
65-Tb-147

MAT 6489

( $\alpha, 2n$ )

65-Tb-147

Radionuclide Production Cross Section



12

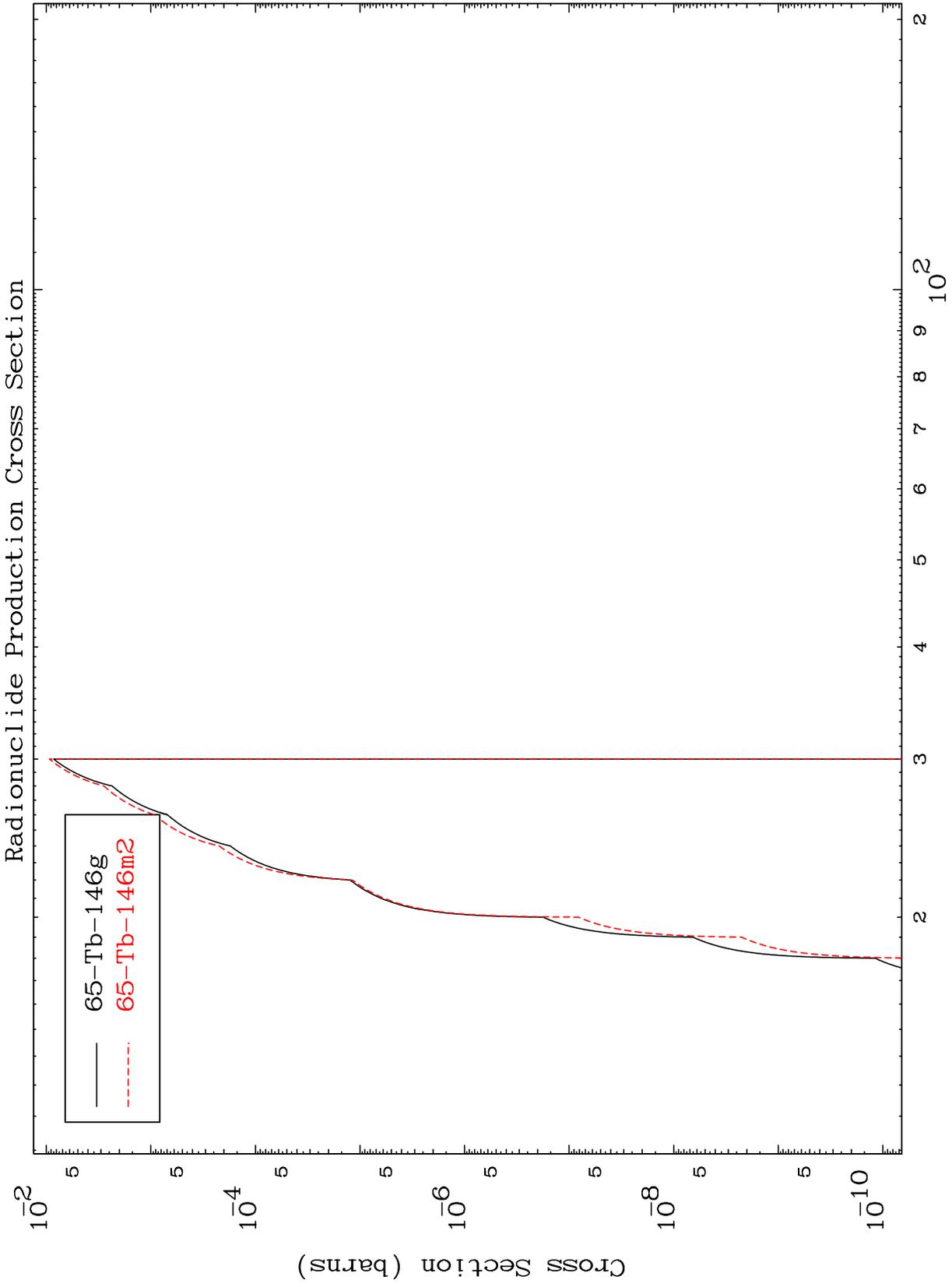
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



13

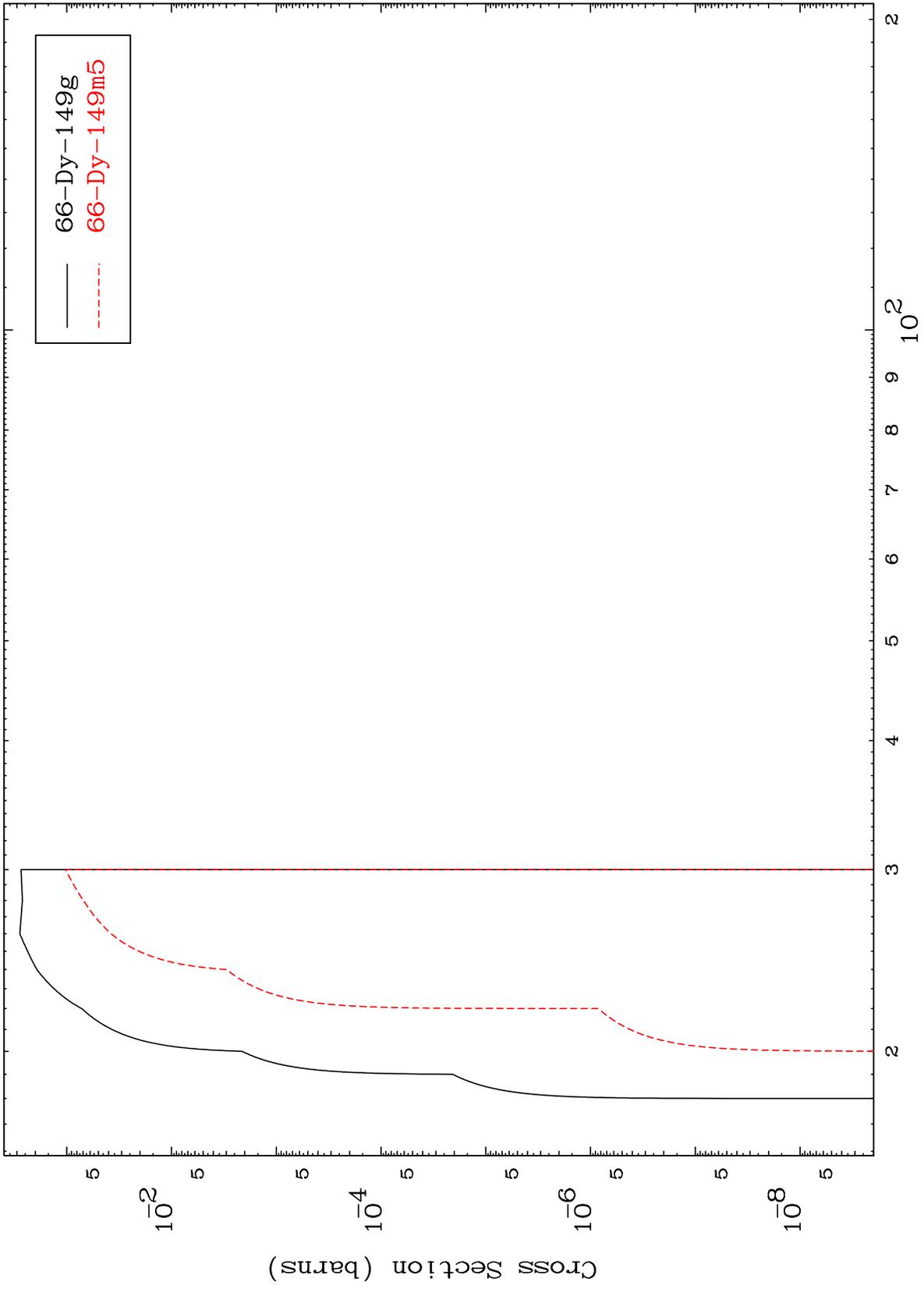
65-Tb-147

MAT 6489

$(\alpha, n')$  p

65-Tb-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

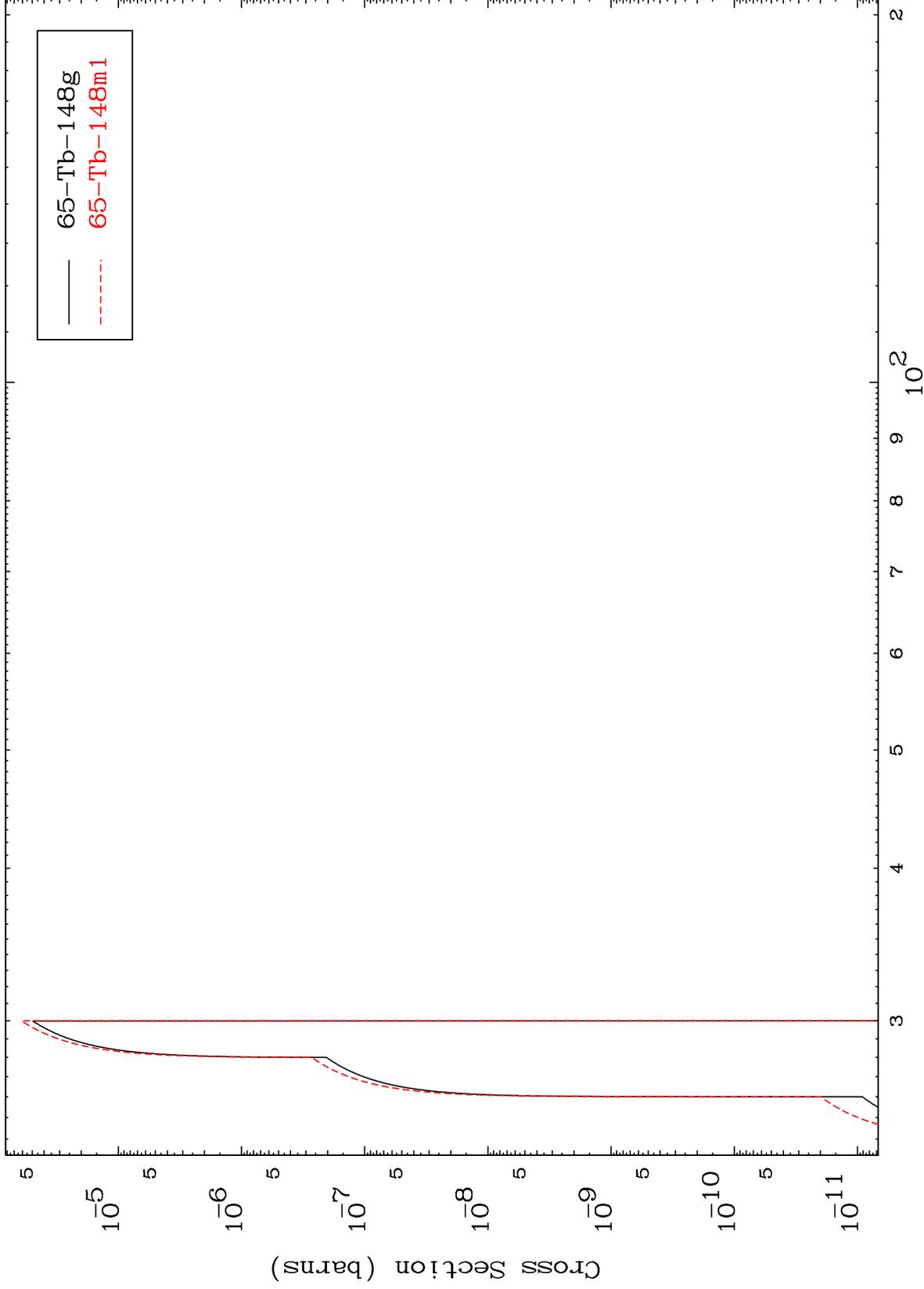
65-Tb-147

MAT 6489

$(\alpha, 2n)$  p

$^{65}\text{Tb-147}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

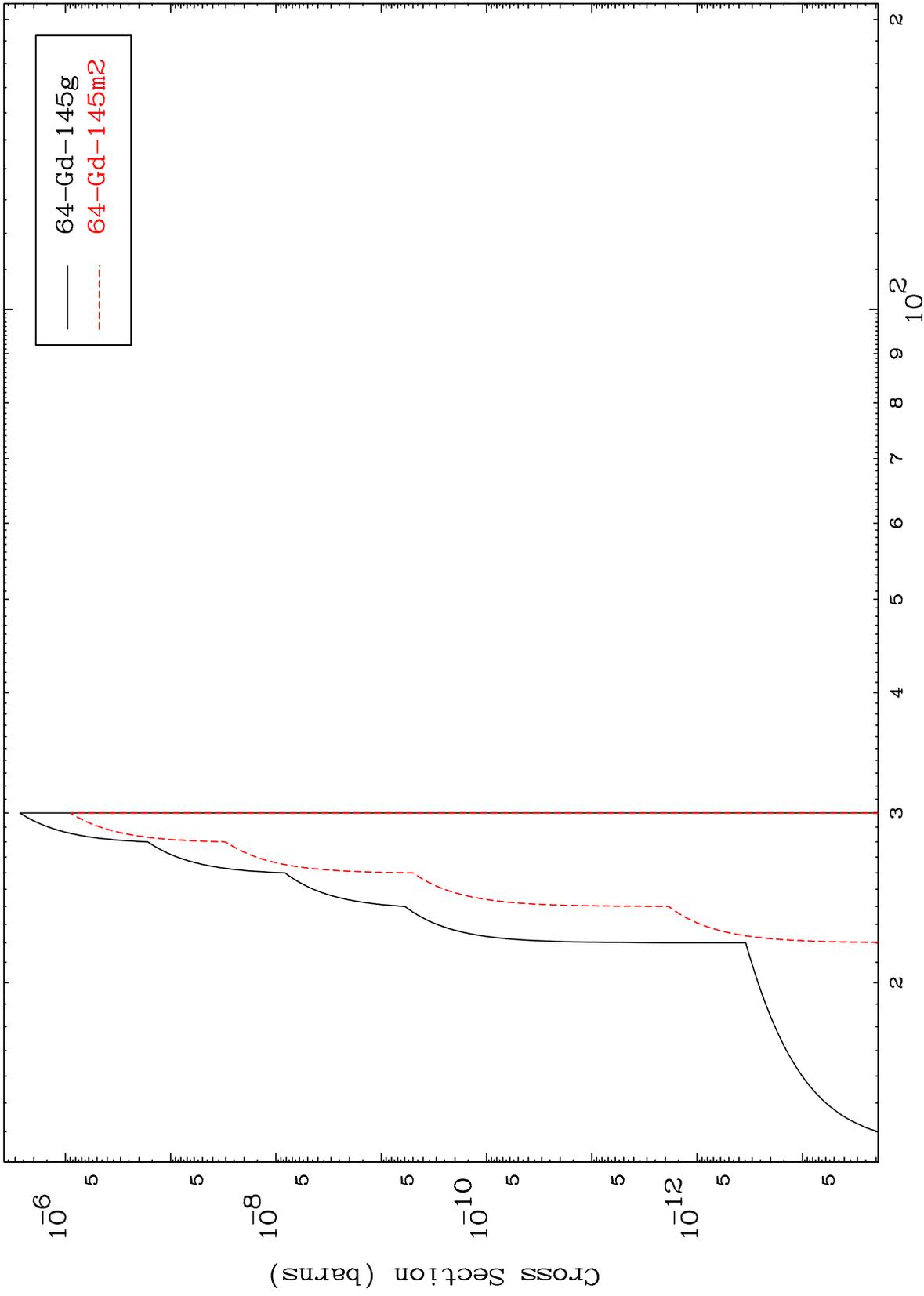
$^{65}\text{Tb-147}$

MAT 6489

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

65-Tb-147

Radionuclide Production Cross Section



16

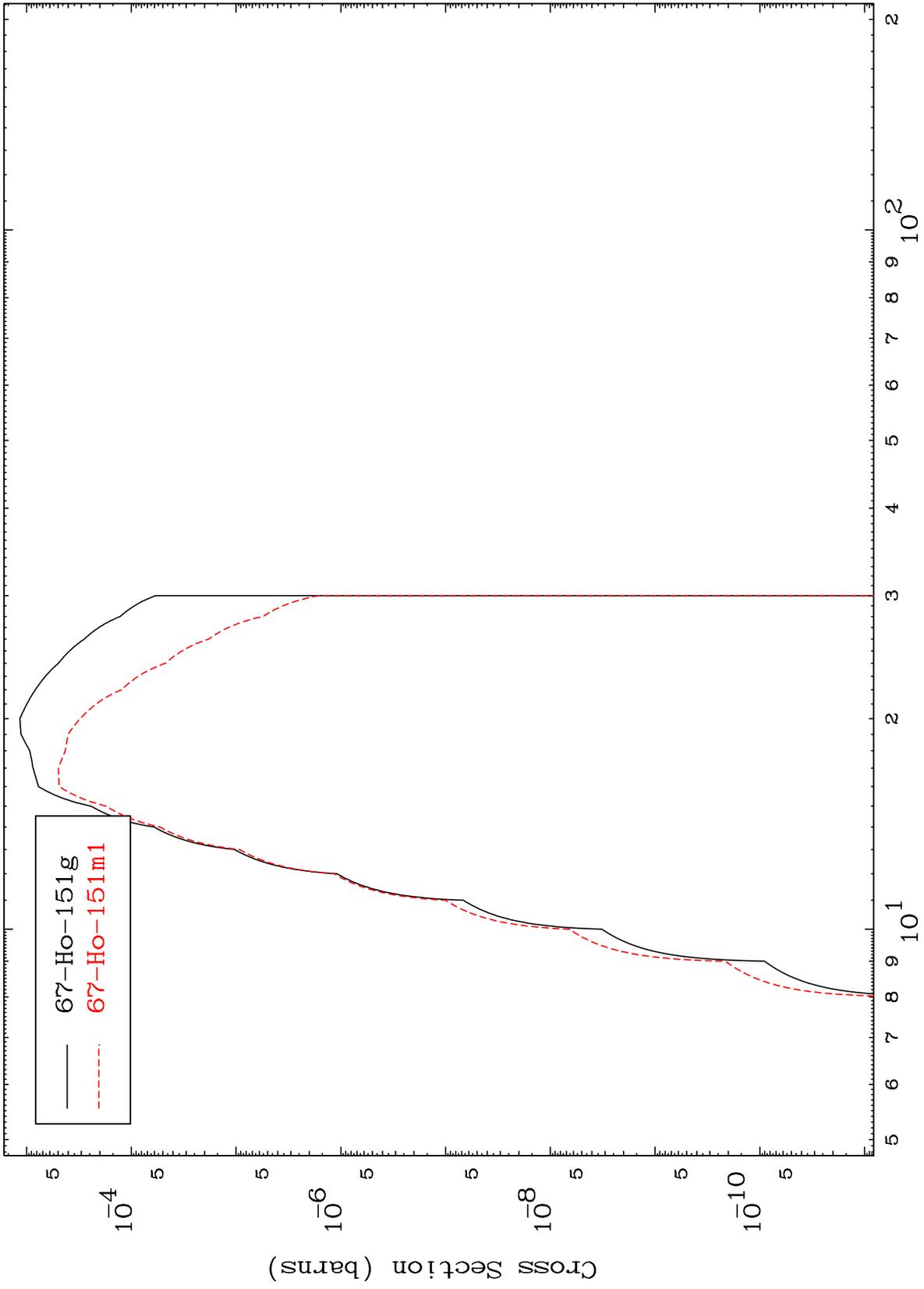
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



17

Incident Energy (MeV)

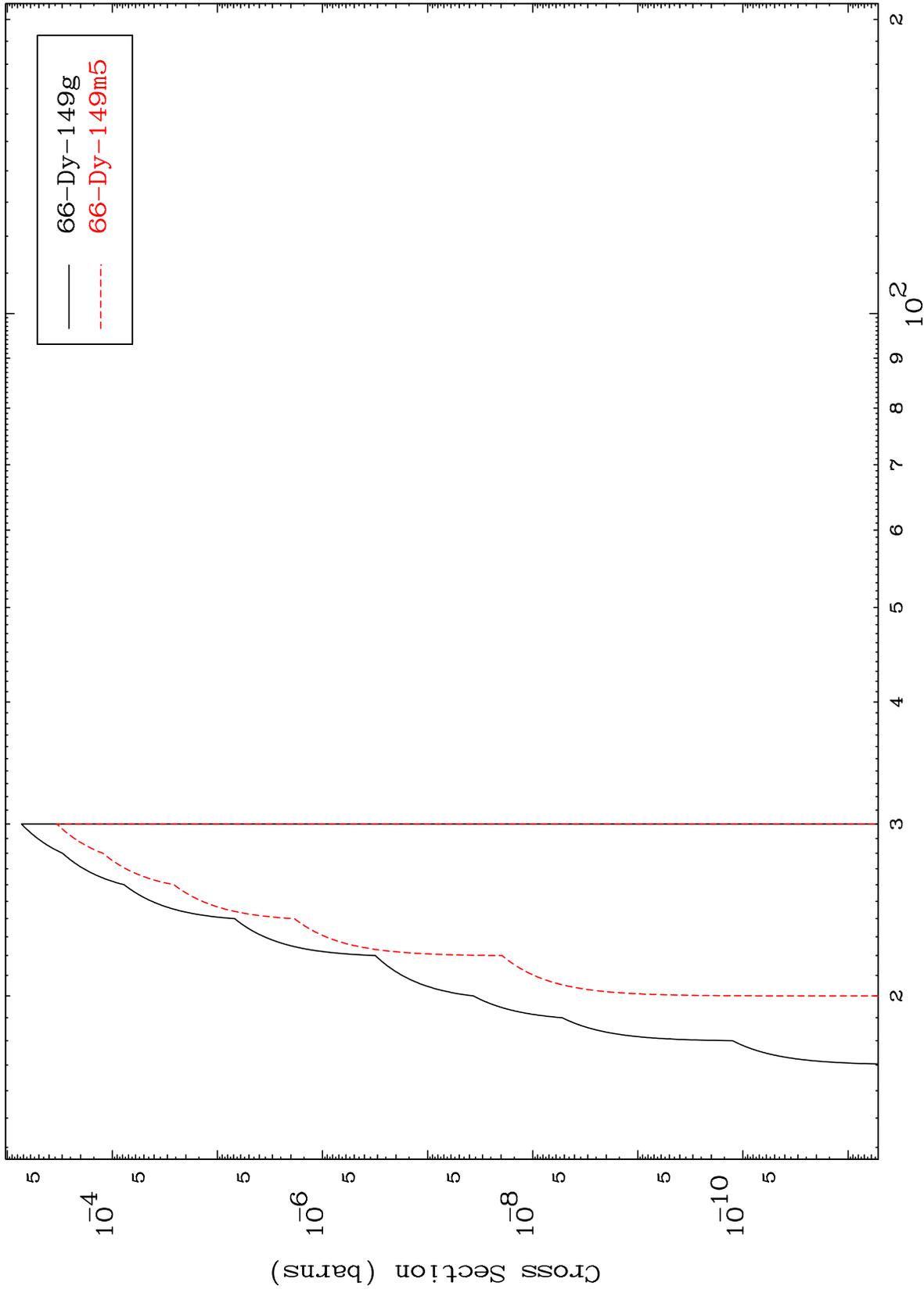
65-Tb-147

MAT 6489

( $\alpha, d$ )

65-Tb-147

Radionuclide Production Cross Section



18

Incident Energy (MeV)

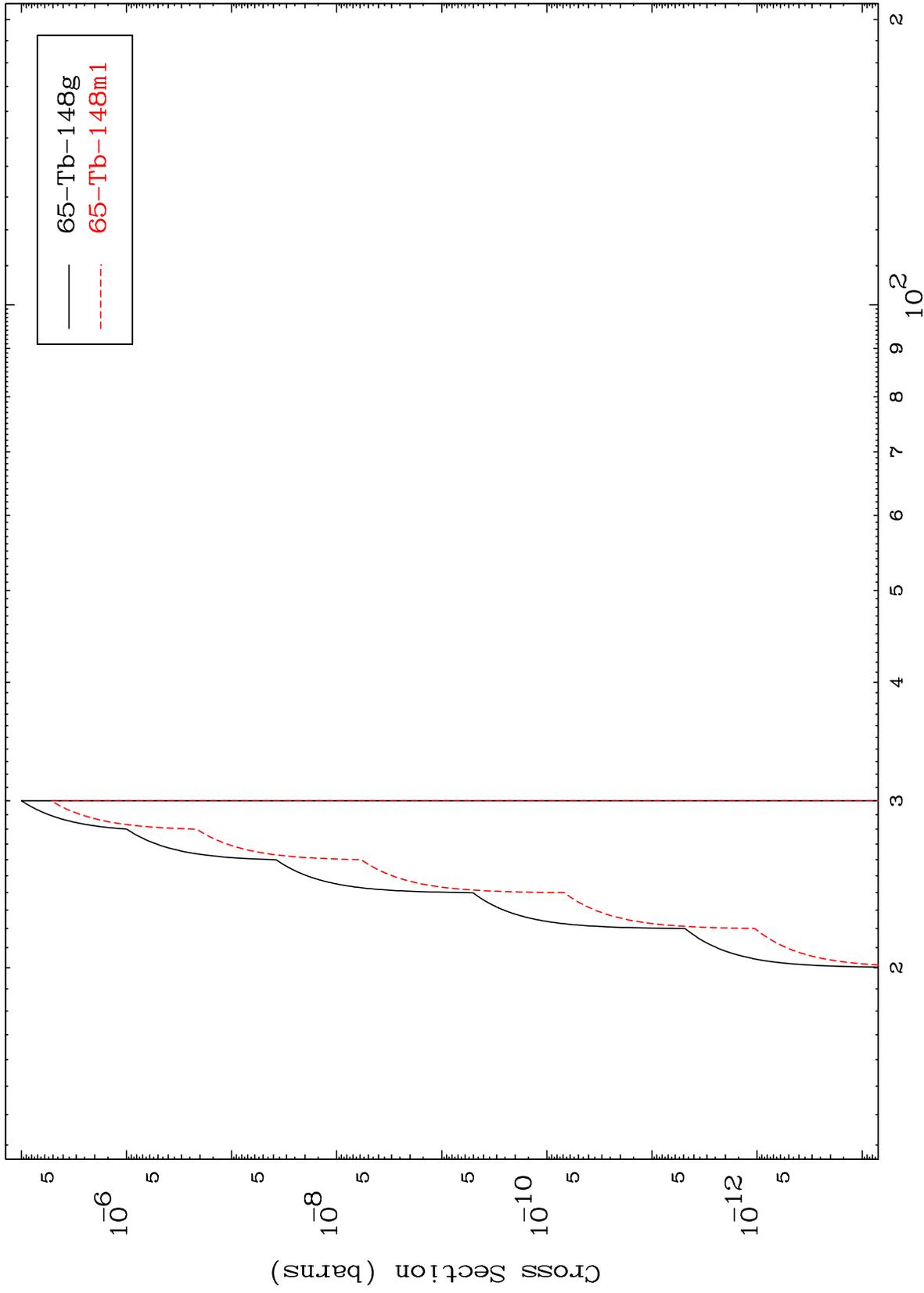
65-Tb-147

MAT 6489

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

65-Tb-147

Radionuclide Production Cross Section



19

Incident Energy (MeV)

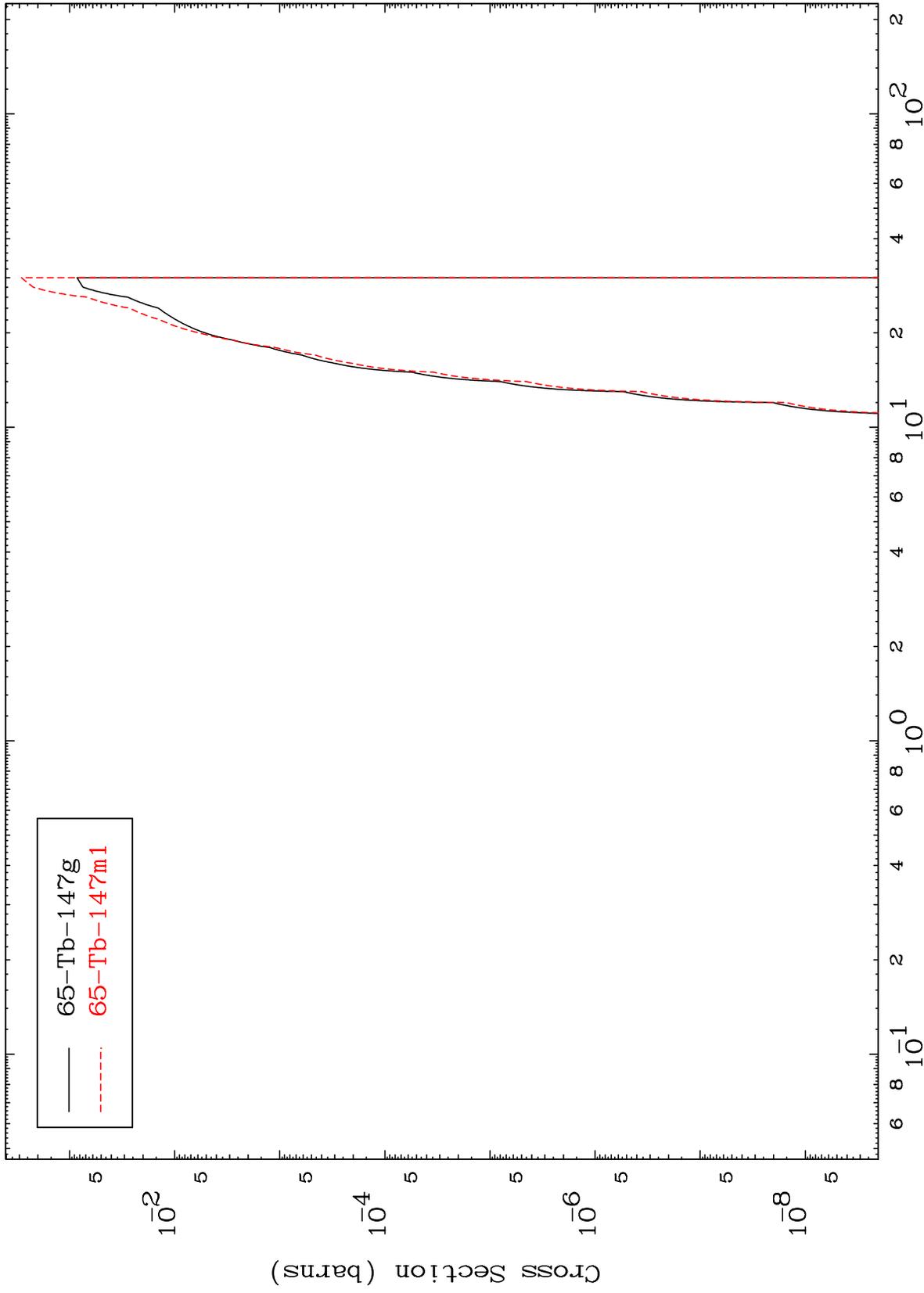
65-Tb-147

MAT 6489

( $\alpha, \alpha$ )

65-Tb-147

Radionuclide Production Cross Section



20

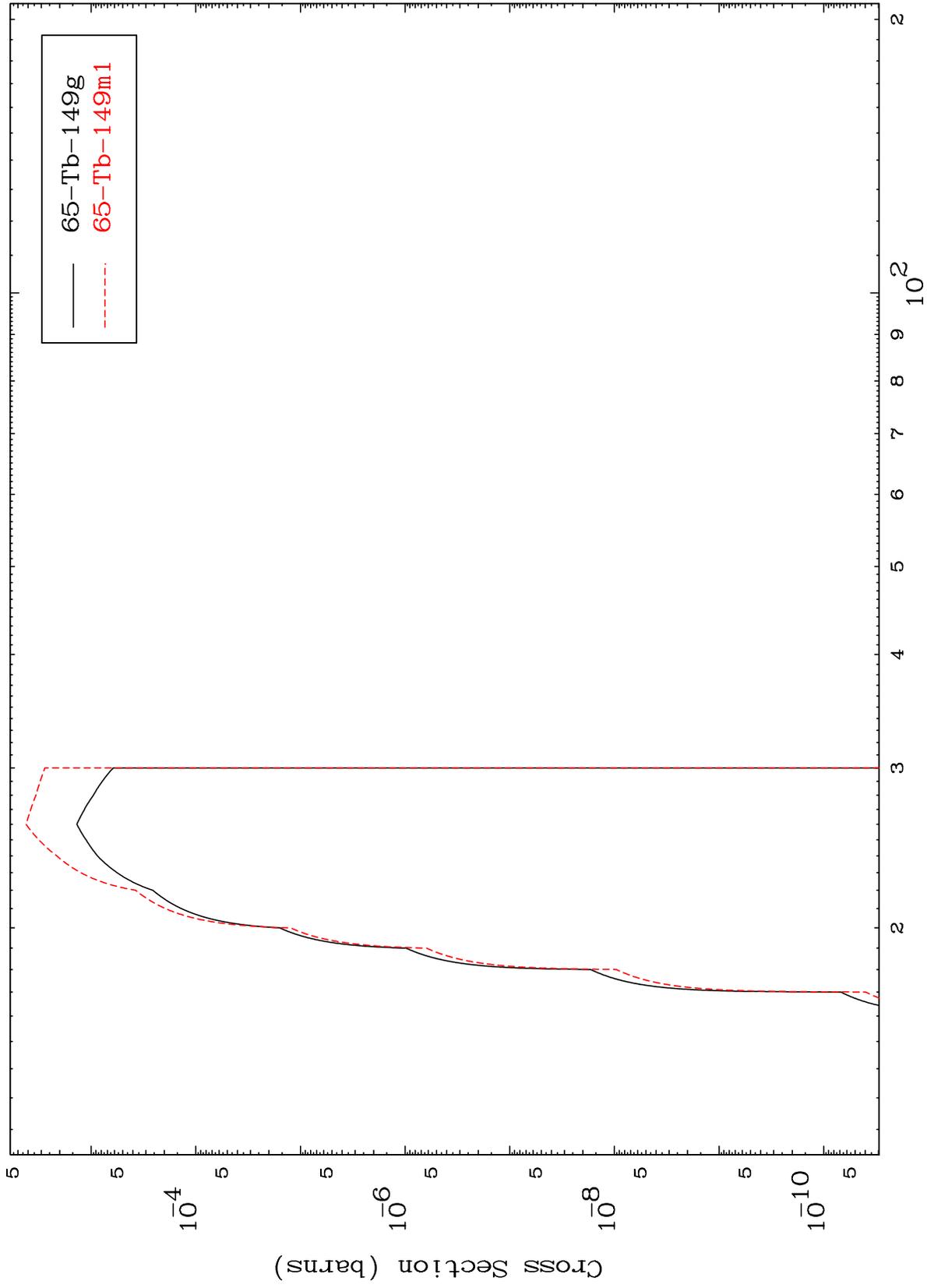
Incident Energy (MeV)

65-Tb-147

MAT 6489

65-Tb-147

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



21

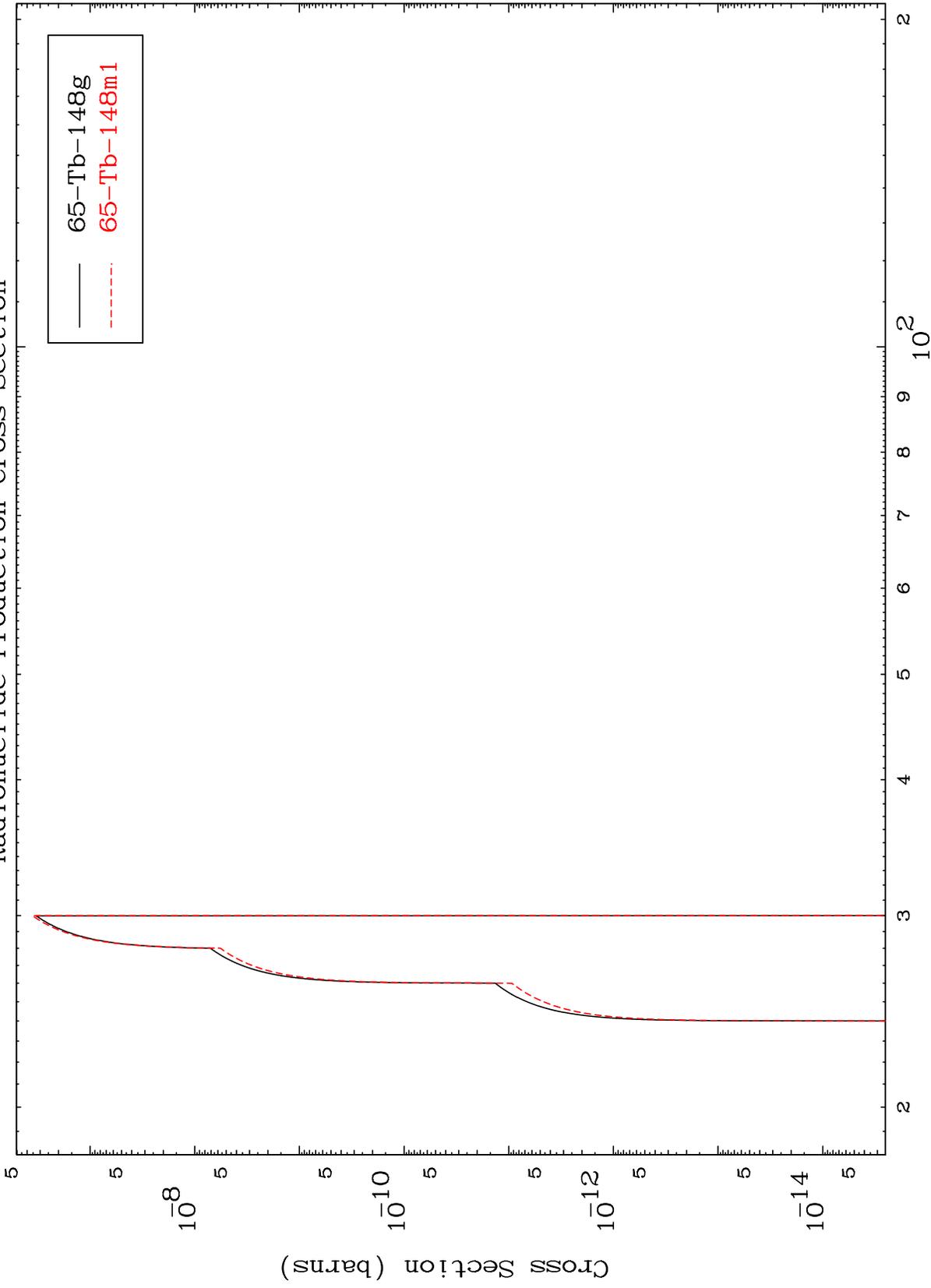
65-Tb-147

MAT 6489

( $\alpha, p$ ) d

65-Tb-147

Radionuclide Production Cross Section



22

Incident Energy (MeV)

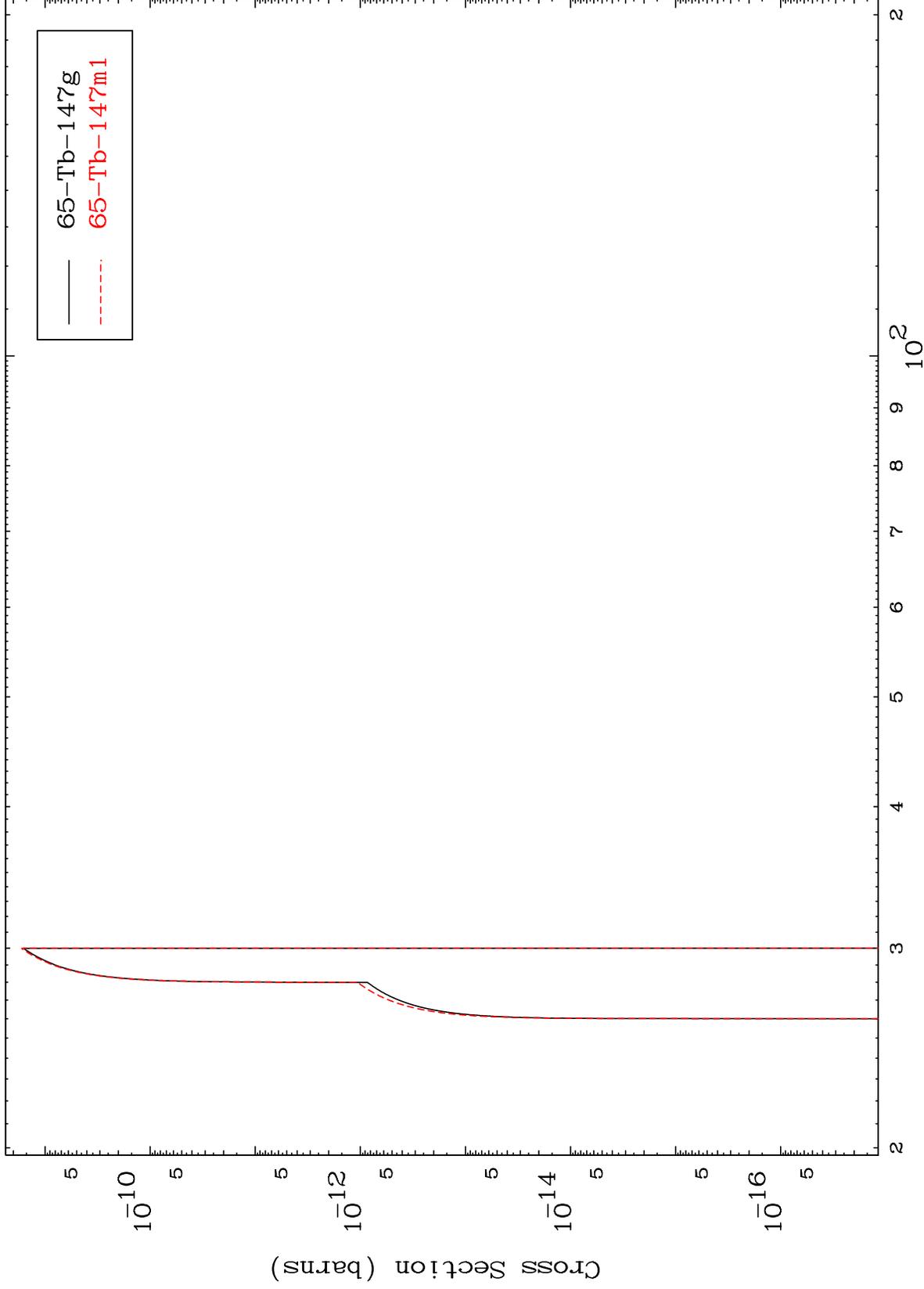
65-Tb-147

MAT 6489

( $\alpha, p$ ) t

65-Tb-147

Radionuclide Production Cross Section



23

Incident Energy (MeV)

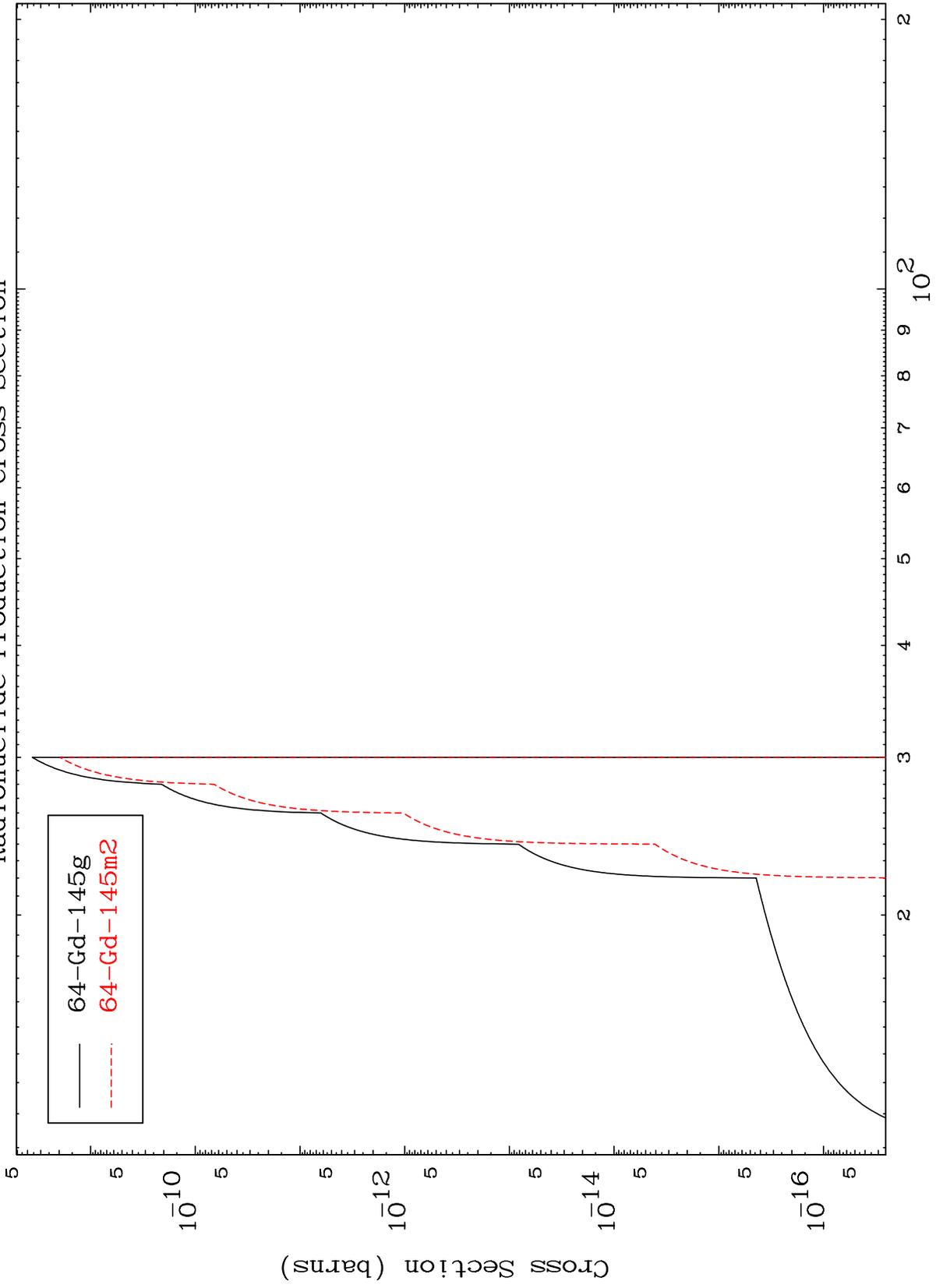
65-Tb-147

MAT 6489

( $\alpha, d$ )  $\alpha$

65-Tb-147

Radionuclide Production Cross Section



24

Incident Energy (MeV)

65-Tb-147