

Program EVALPLOT  
(Version 2021-1)

by

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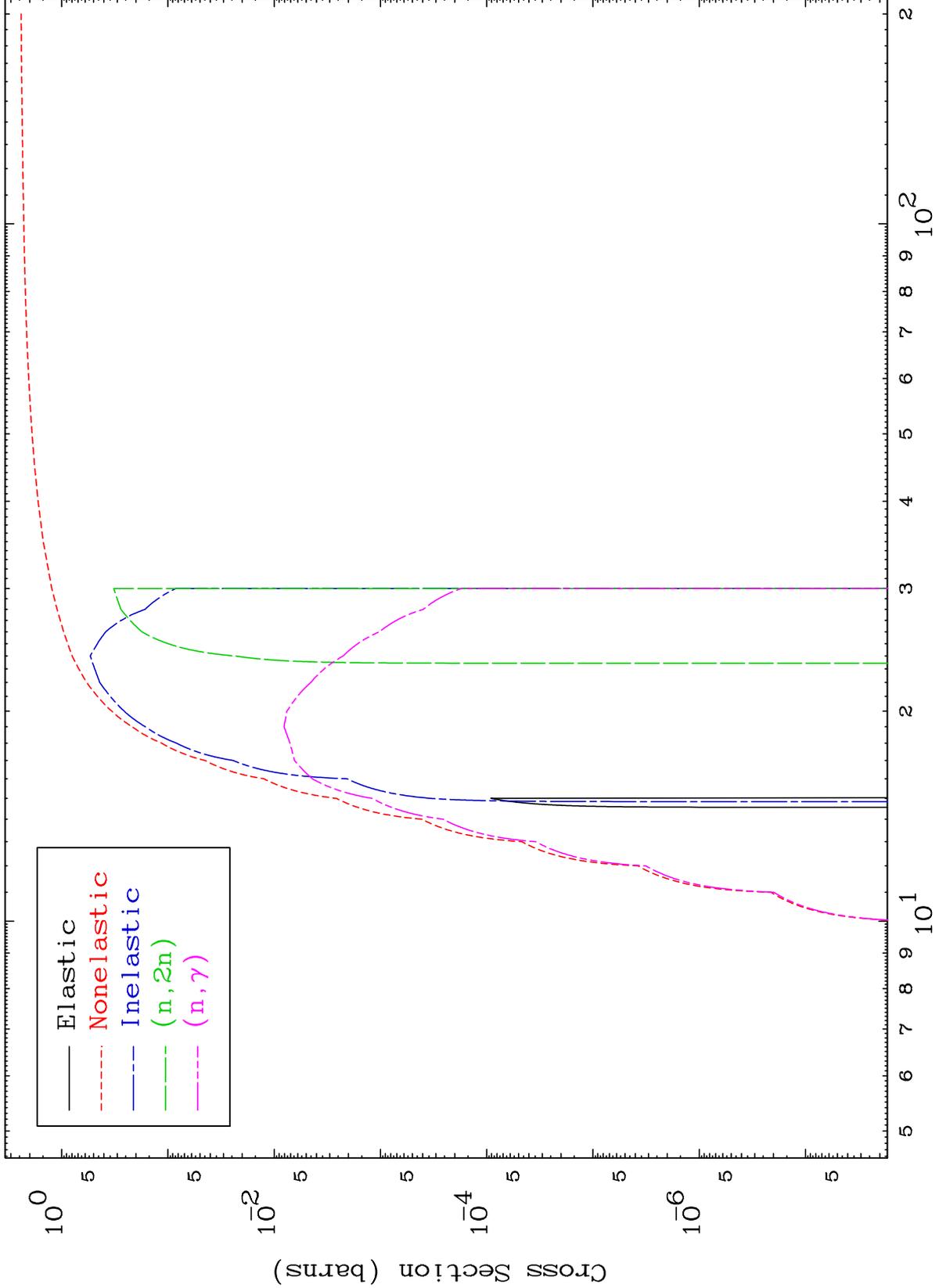
Press Mouse Button to Start

MAT 6489

0 Kelvin

$\alpha$  Major Cross Sections

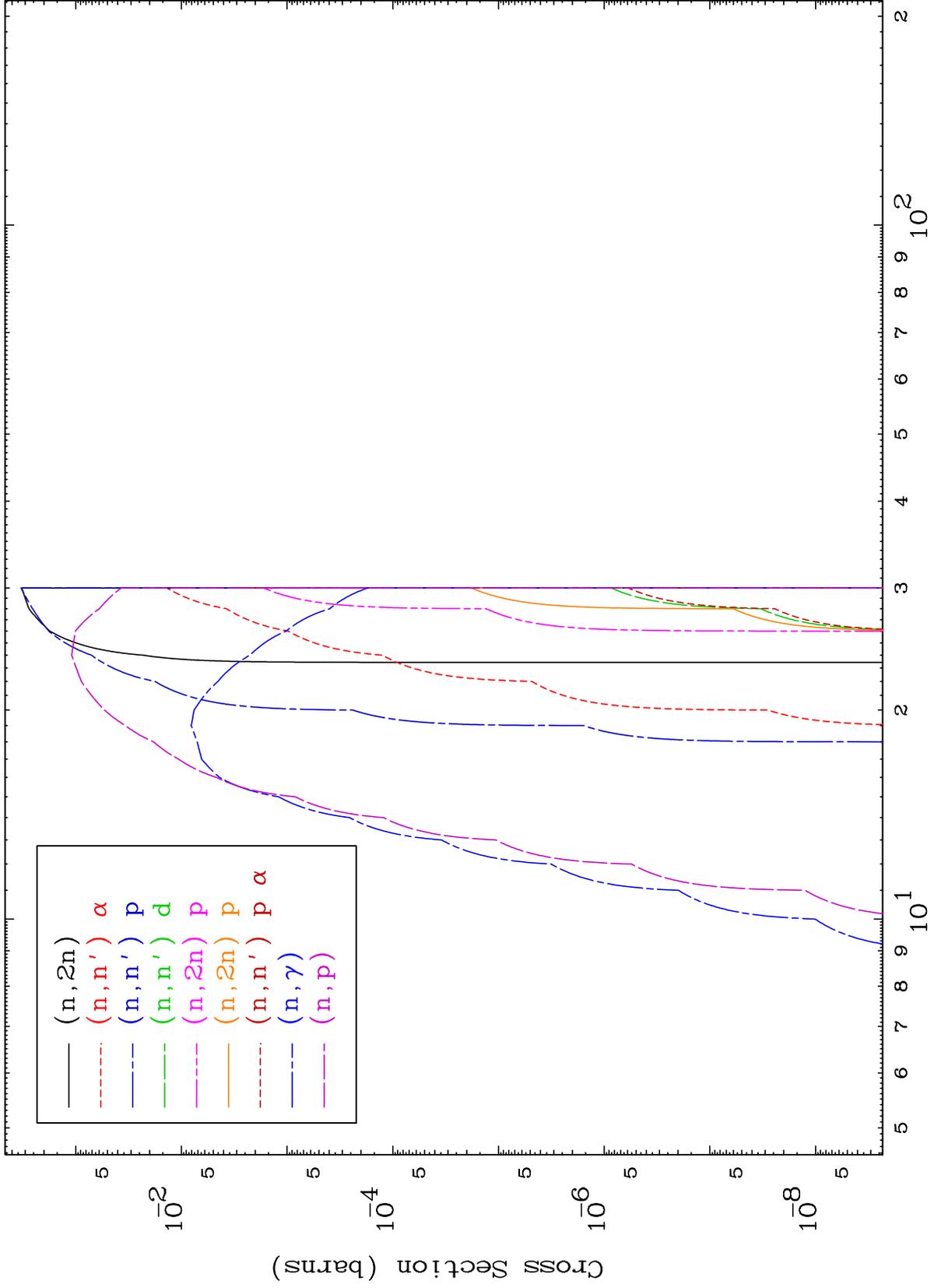
65-Tb-147



1

Incident Energy (MeV)

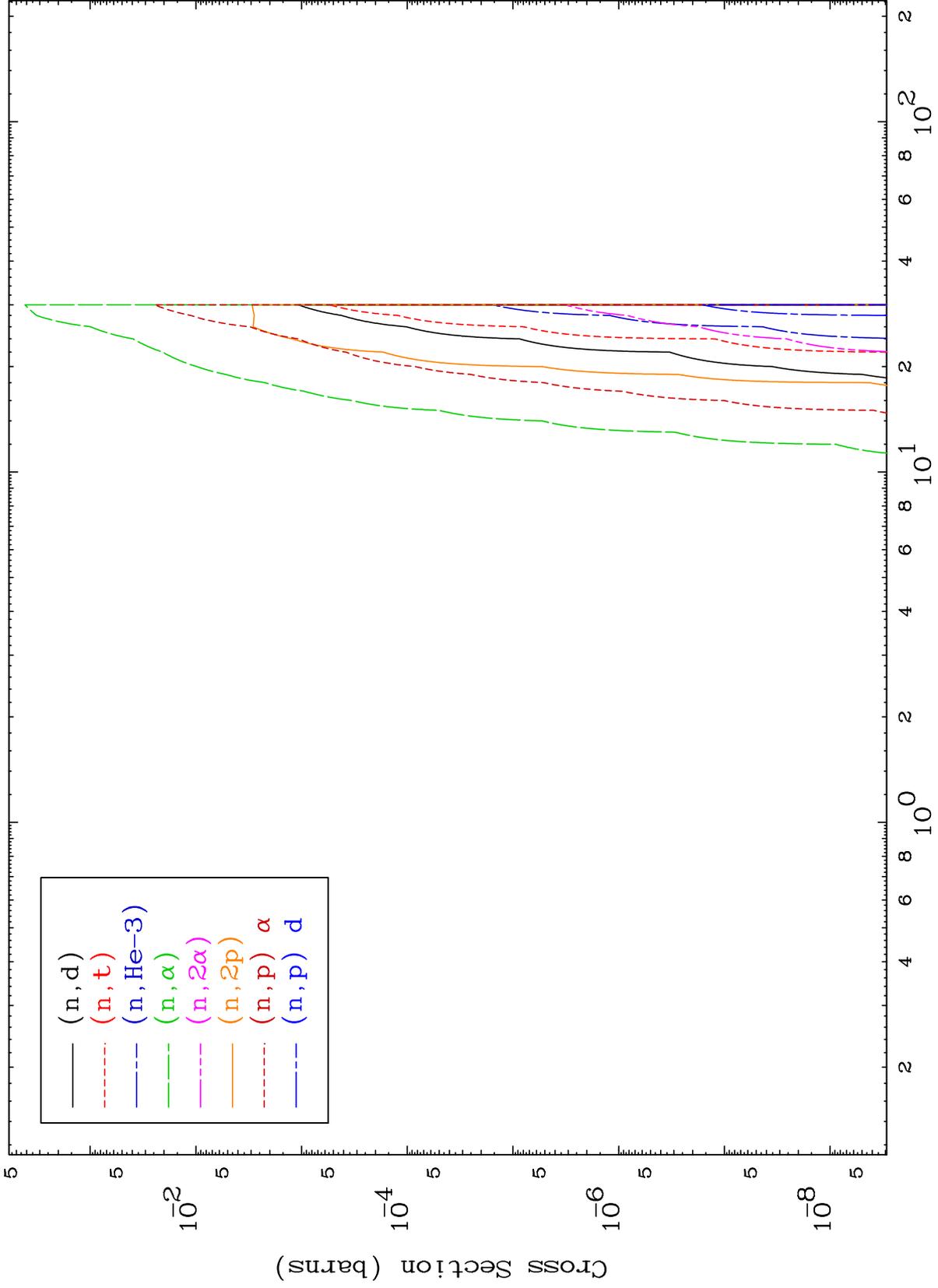
65-Tb-147

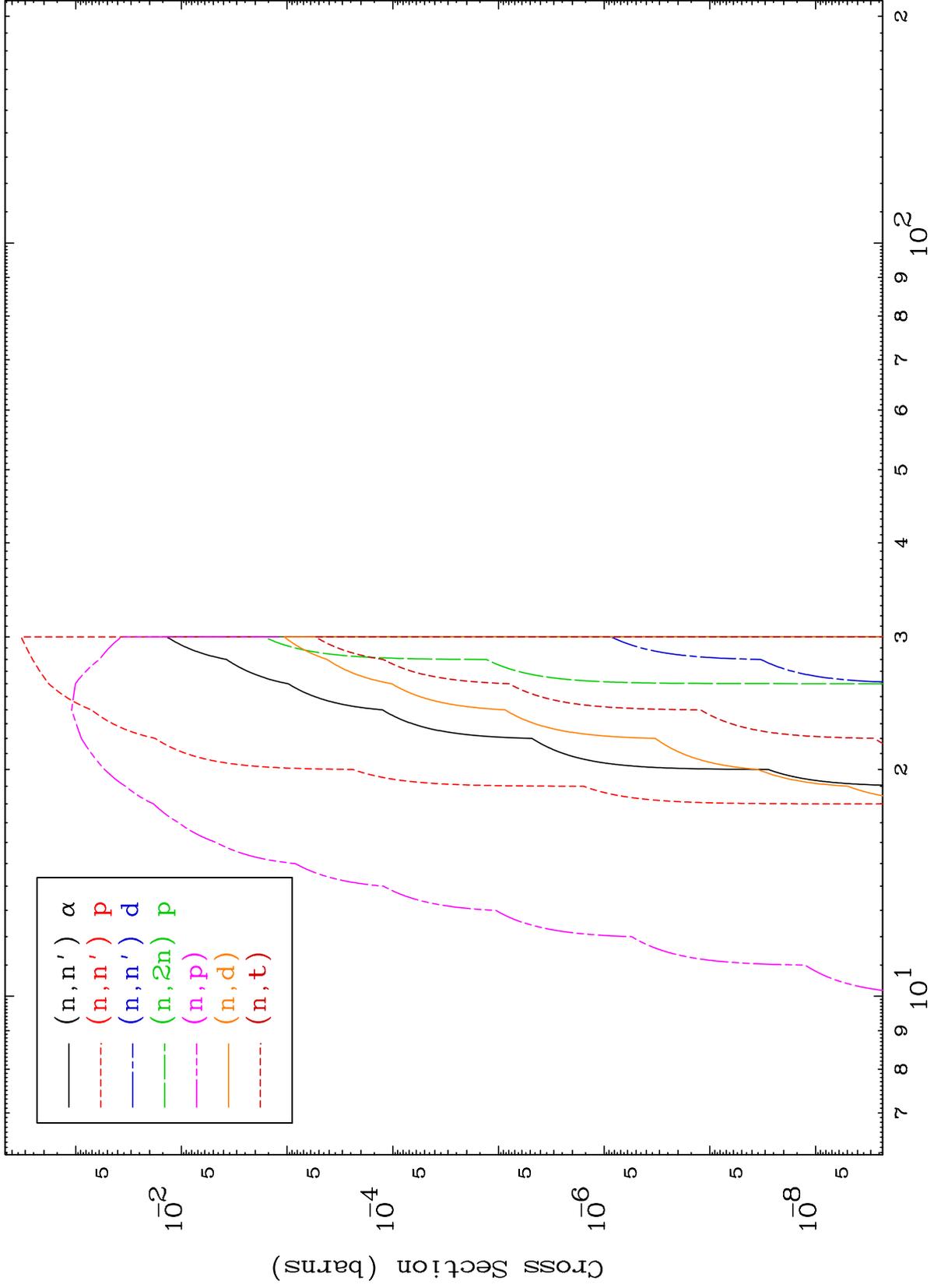


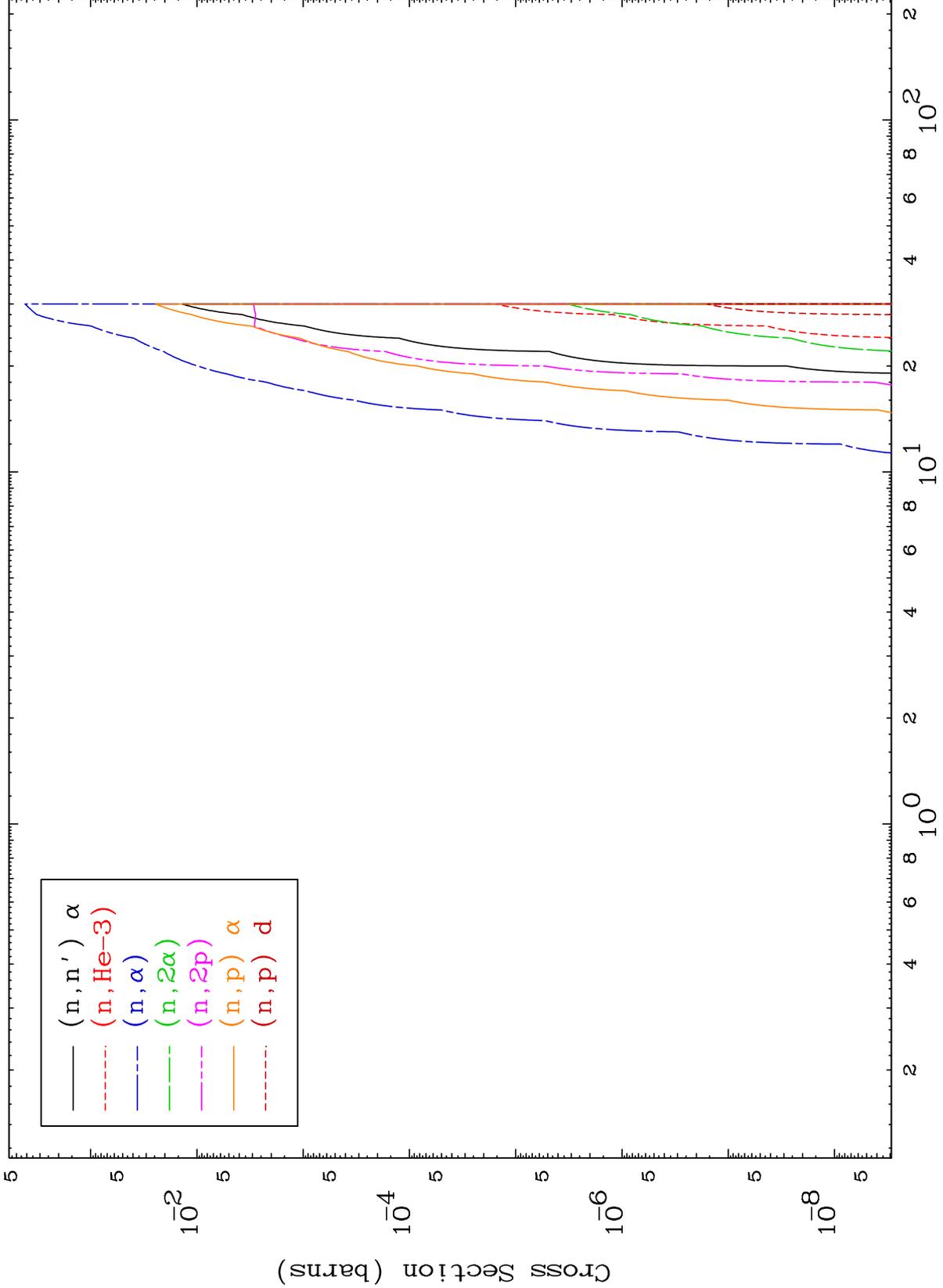
MAT 6489

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

65-Tb-147



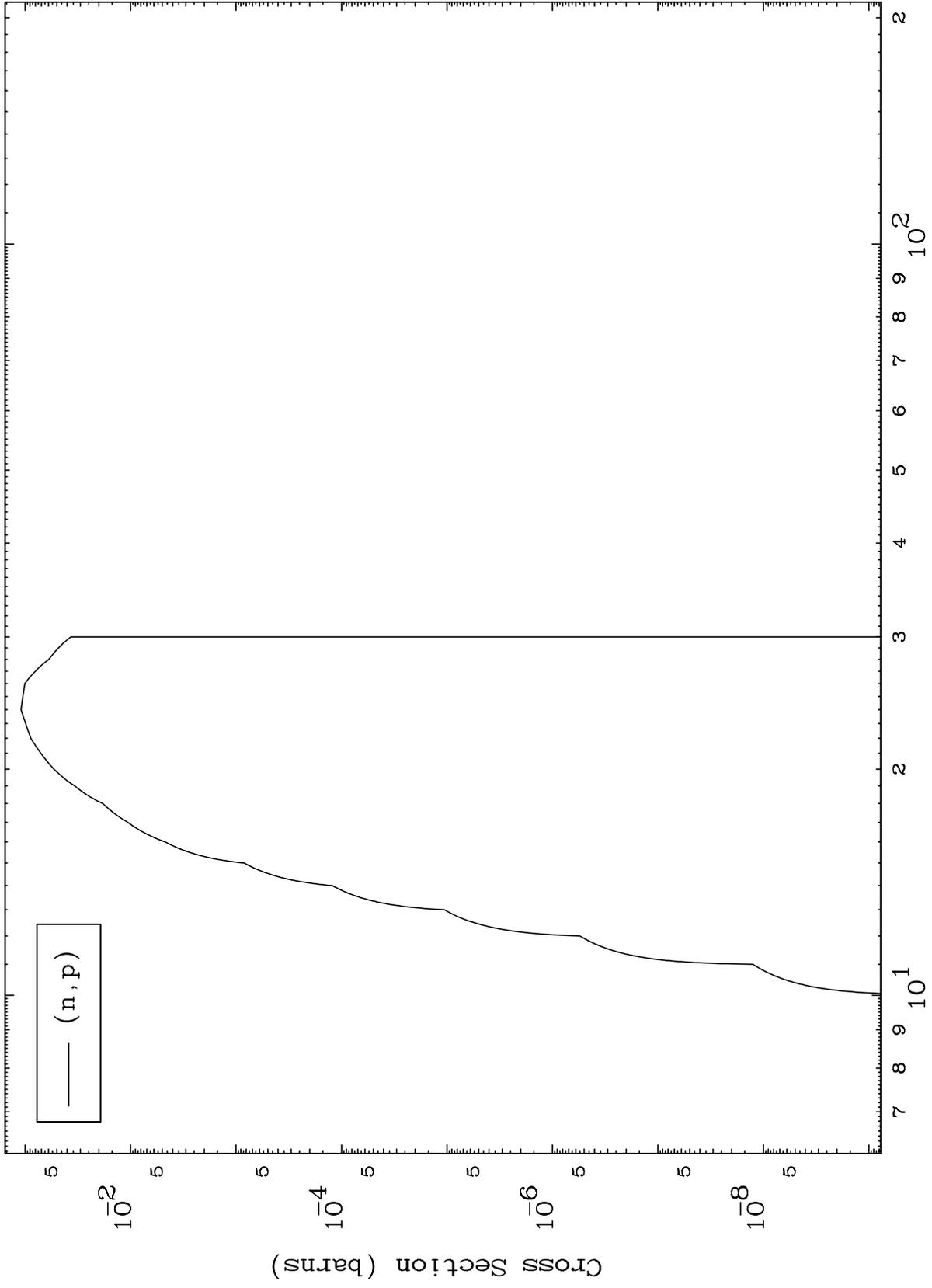




MAT 6489

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

65-Tb-147



6

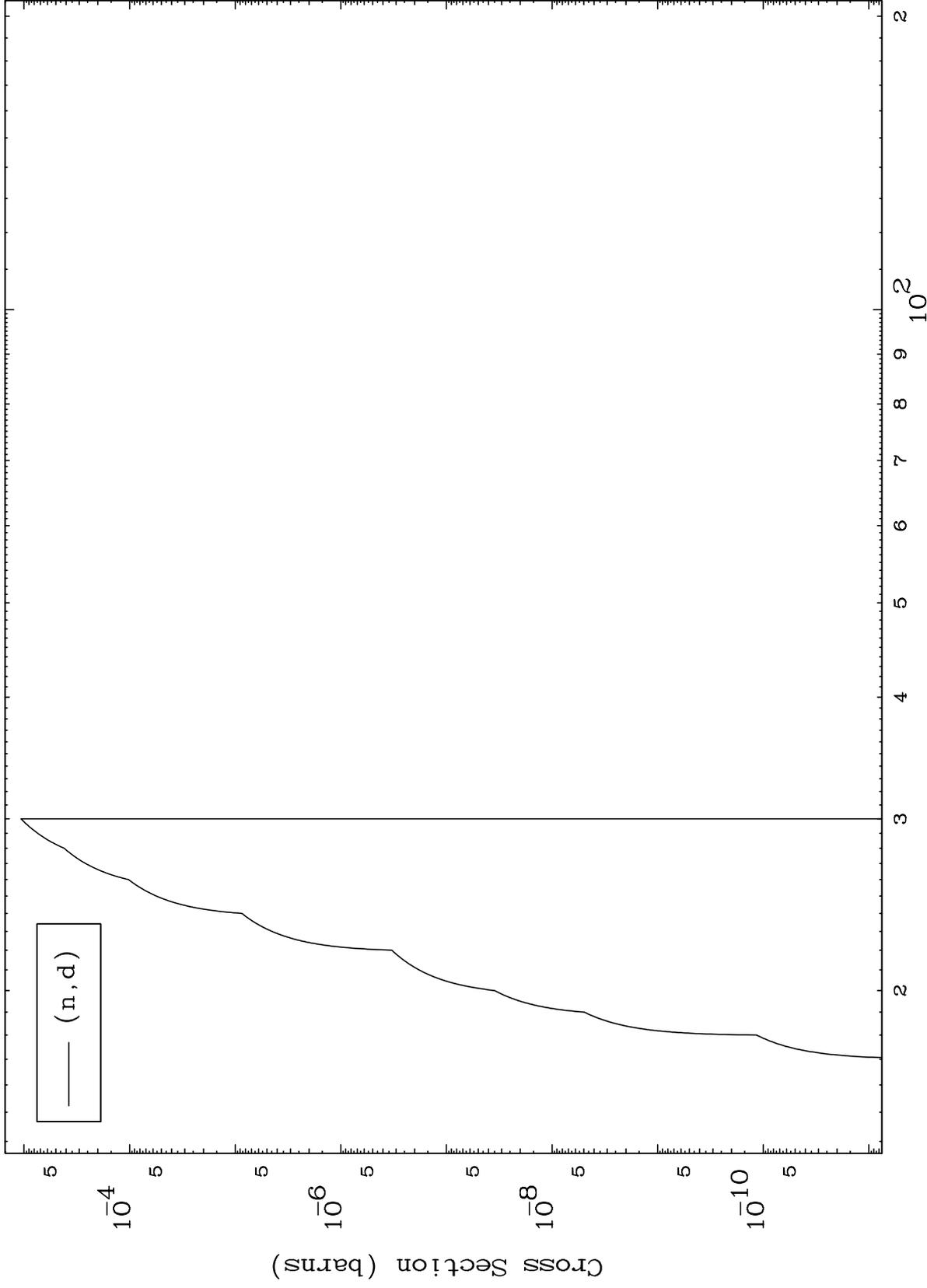
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



7

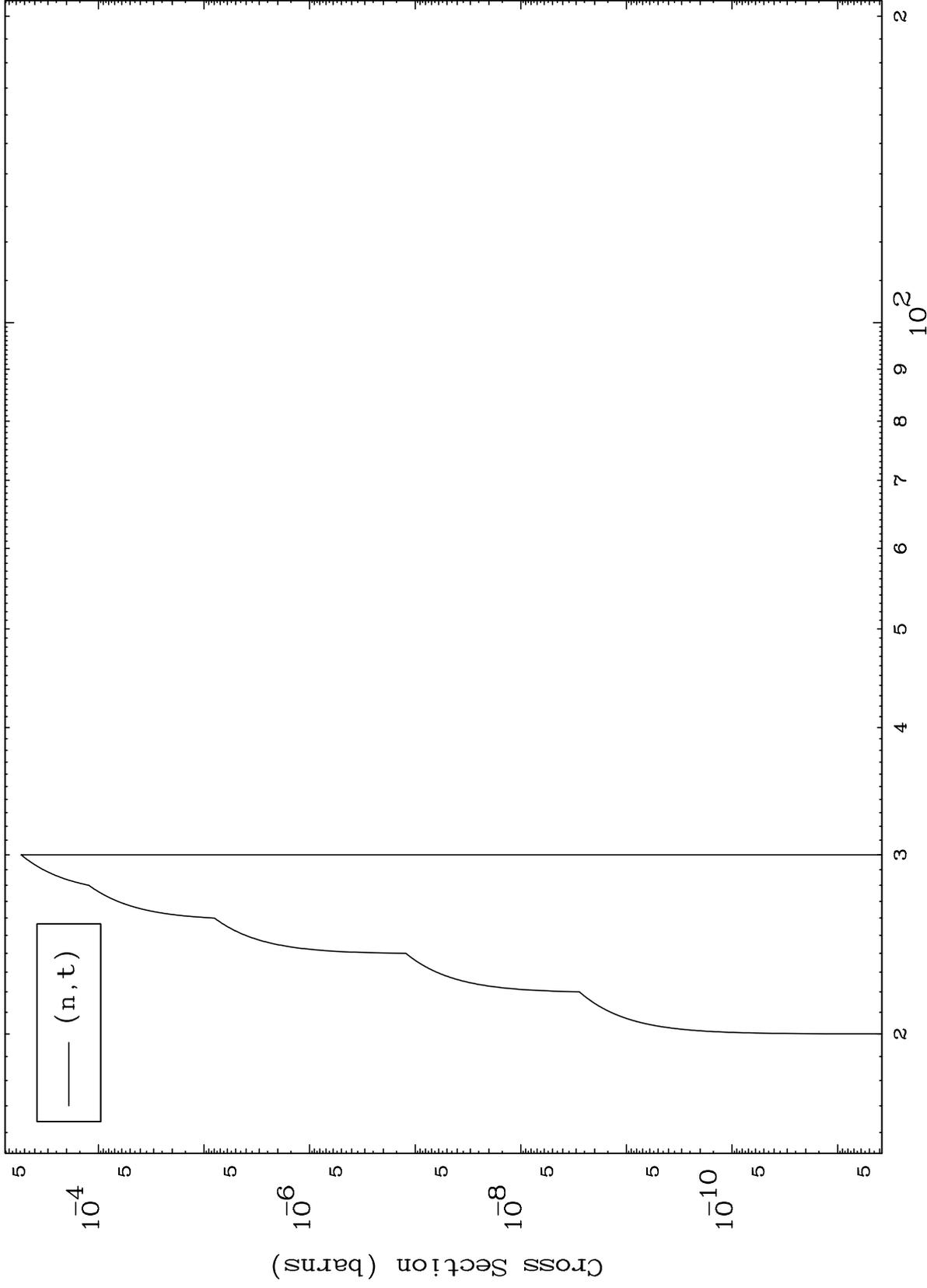
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

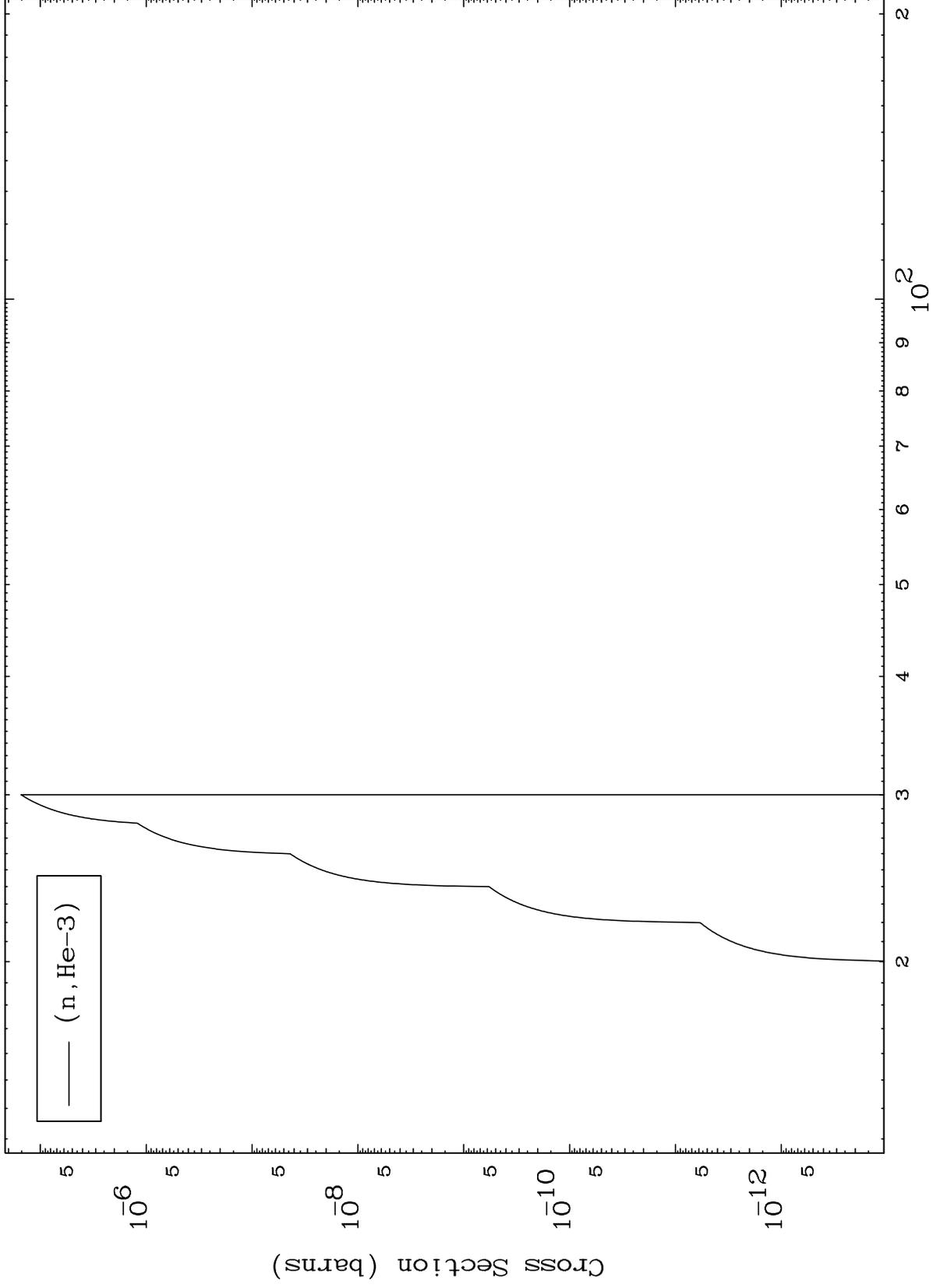
65-Tb-147



MAT 6489

( $\alpha, \text{He3}$ ) Levels  
0 Kelvin Cross Sections

65-Tb-147

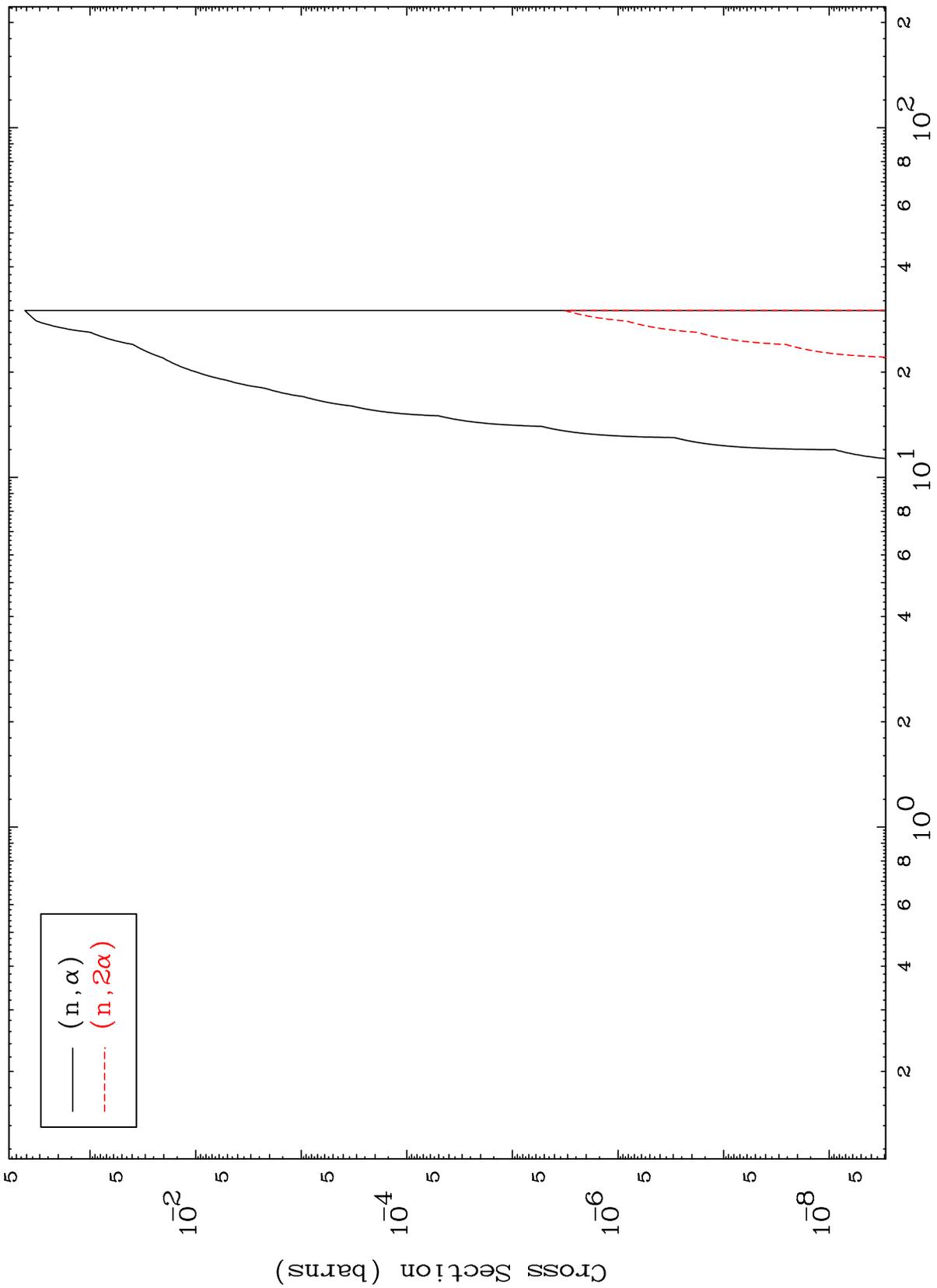


MAT 6489

( $\alpha, \alpha$ ) Levels

65-Tb-147

0 Kelvin Cross Sections



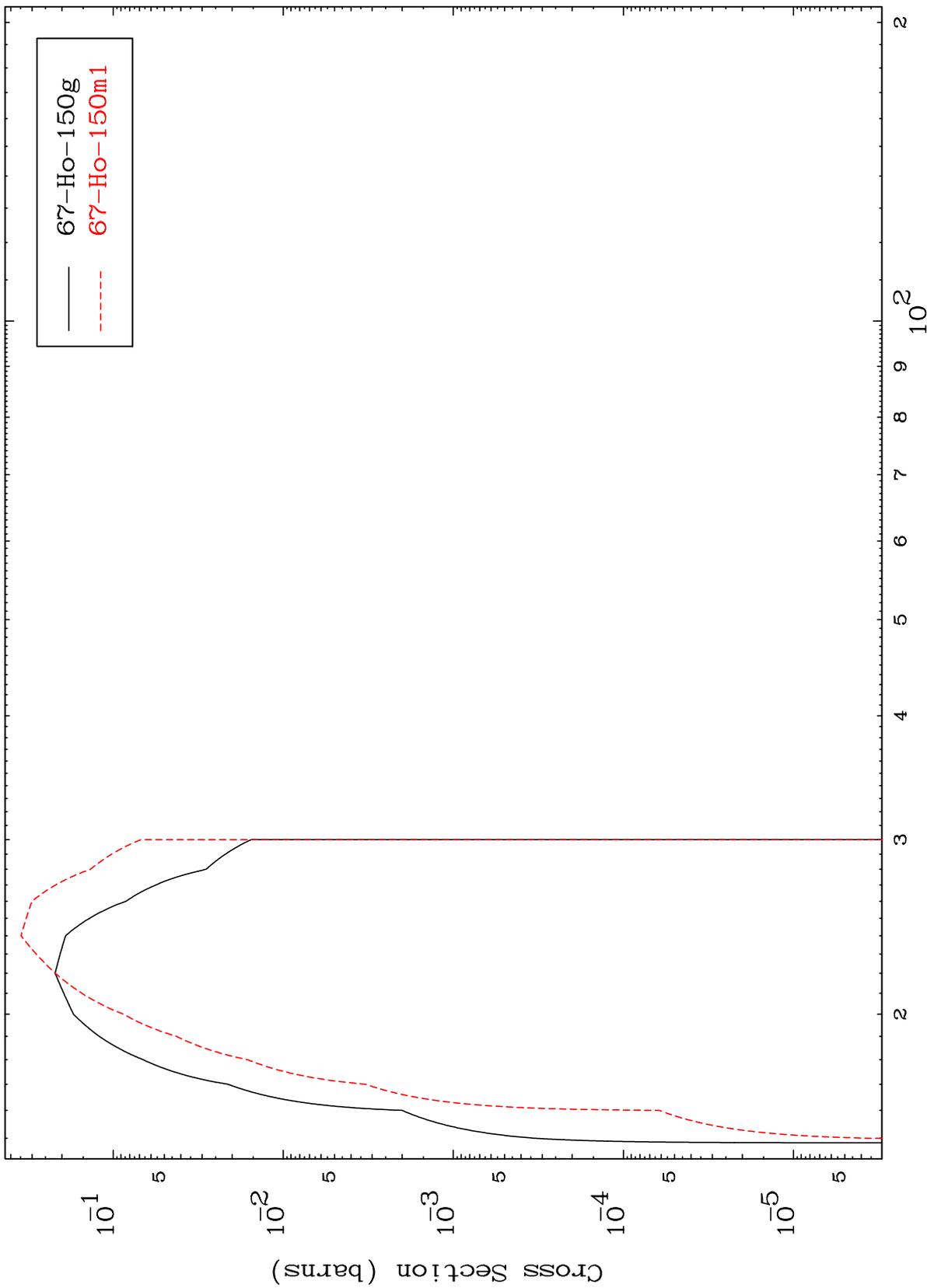
— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

65-Tb-147

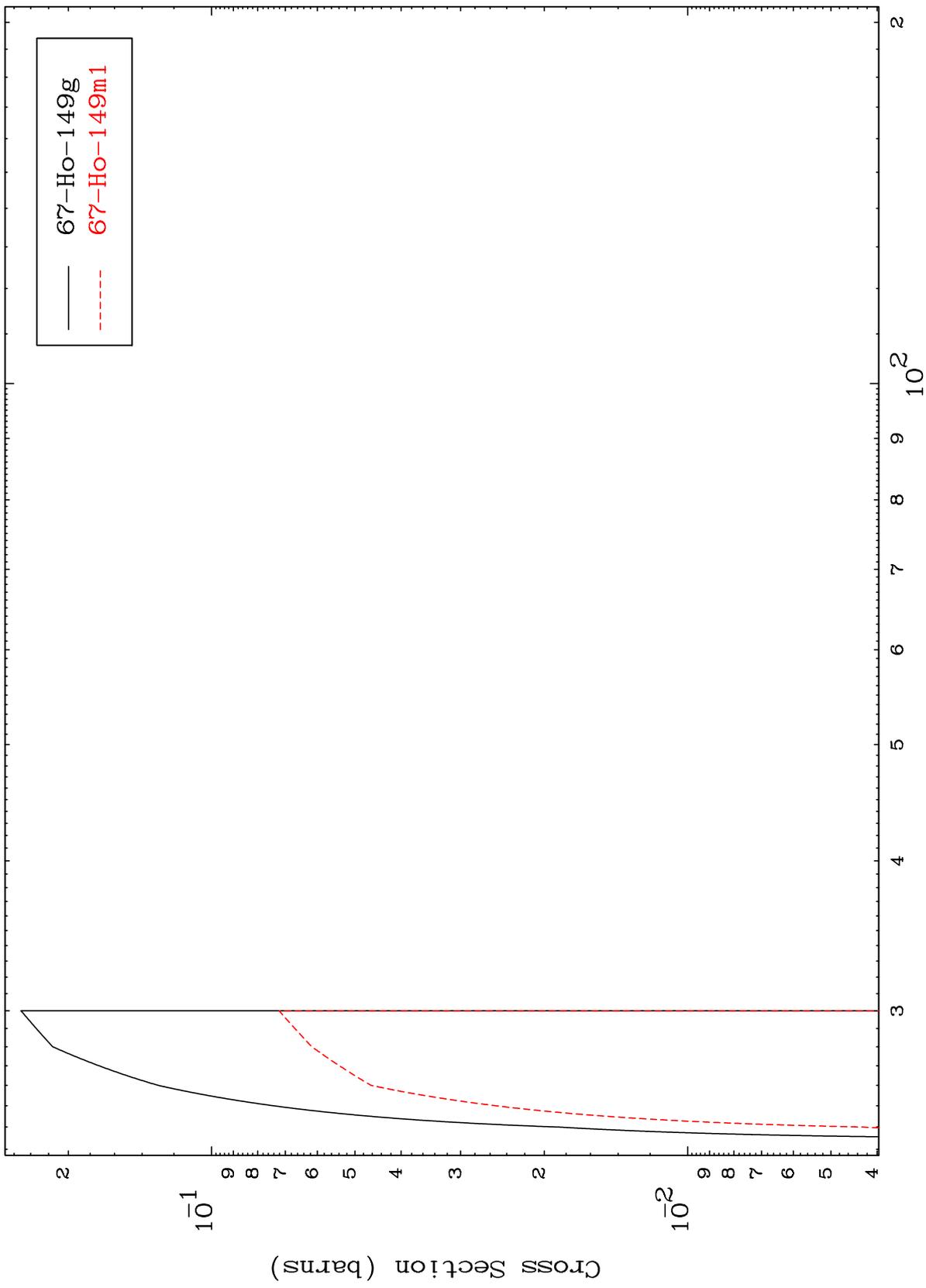
Inelastic  
Radionuclide Production Cross Section



MAT 6489

65-Tb-147

(n,2n)  
Radionuclide Production Cross Section



65-Tb-147

Incident Energy (MeV)

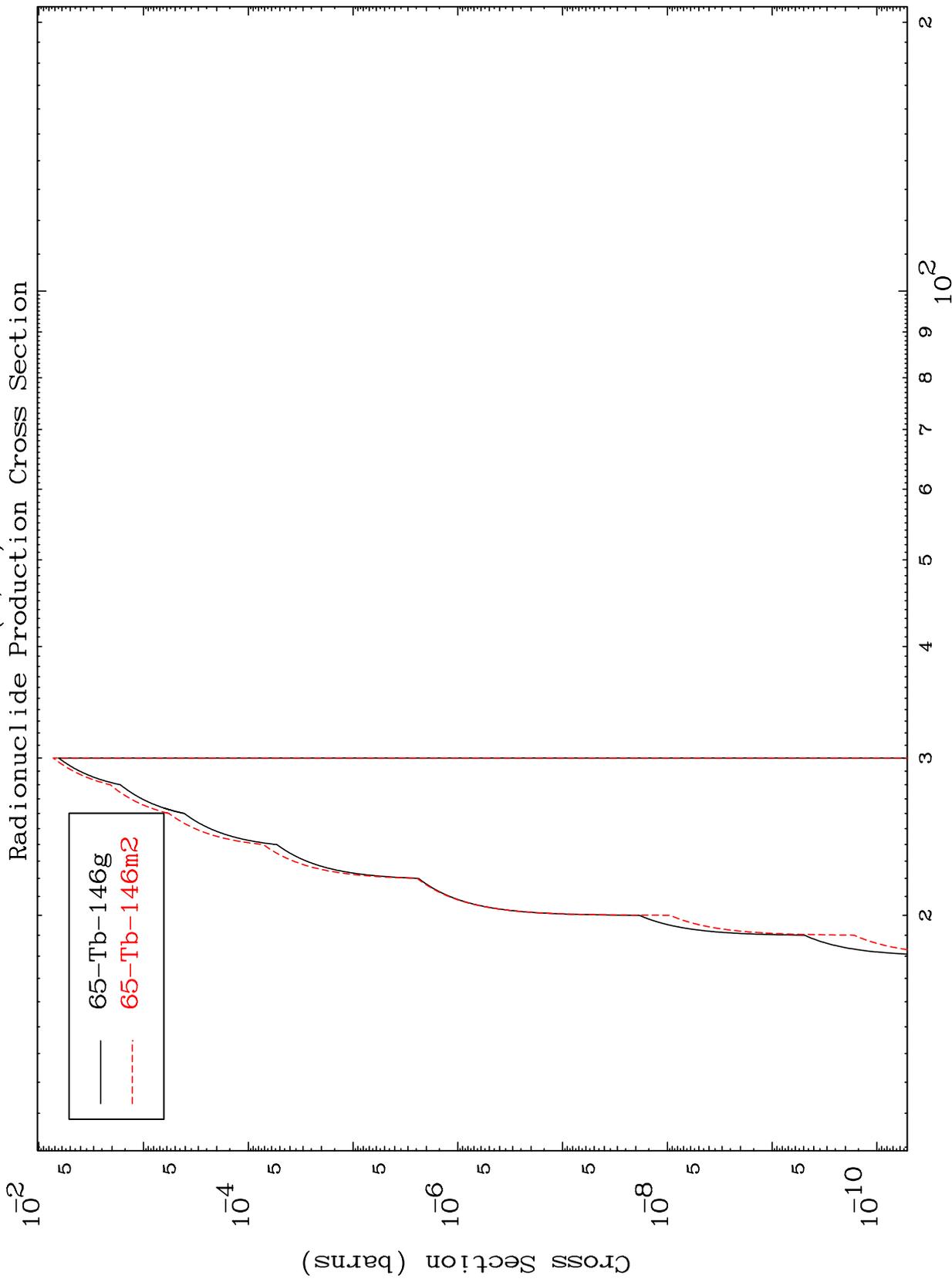
12

MAT 6489

65-Tb-147

(n,n')  $\alpha$

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-147

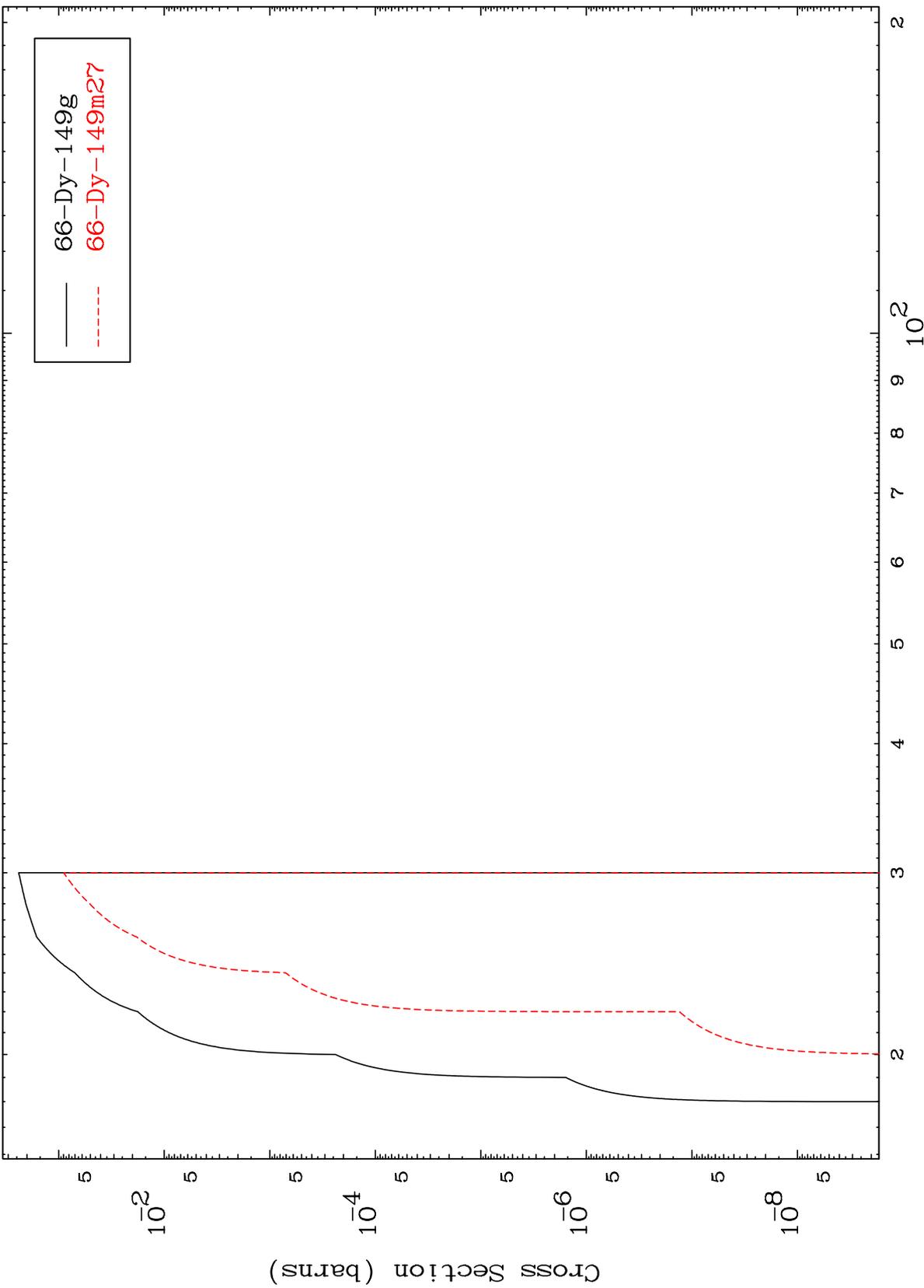
13

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(n,n') p

65-Tb-147

Radionuclide Production Cross Section



66-Dy-149g  
66-Dy-149m27

14

Incident Energy (MeV)

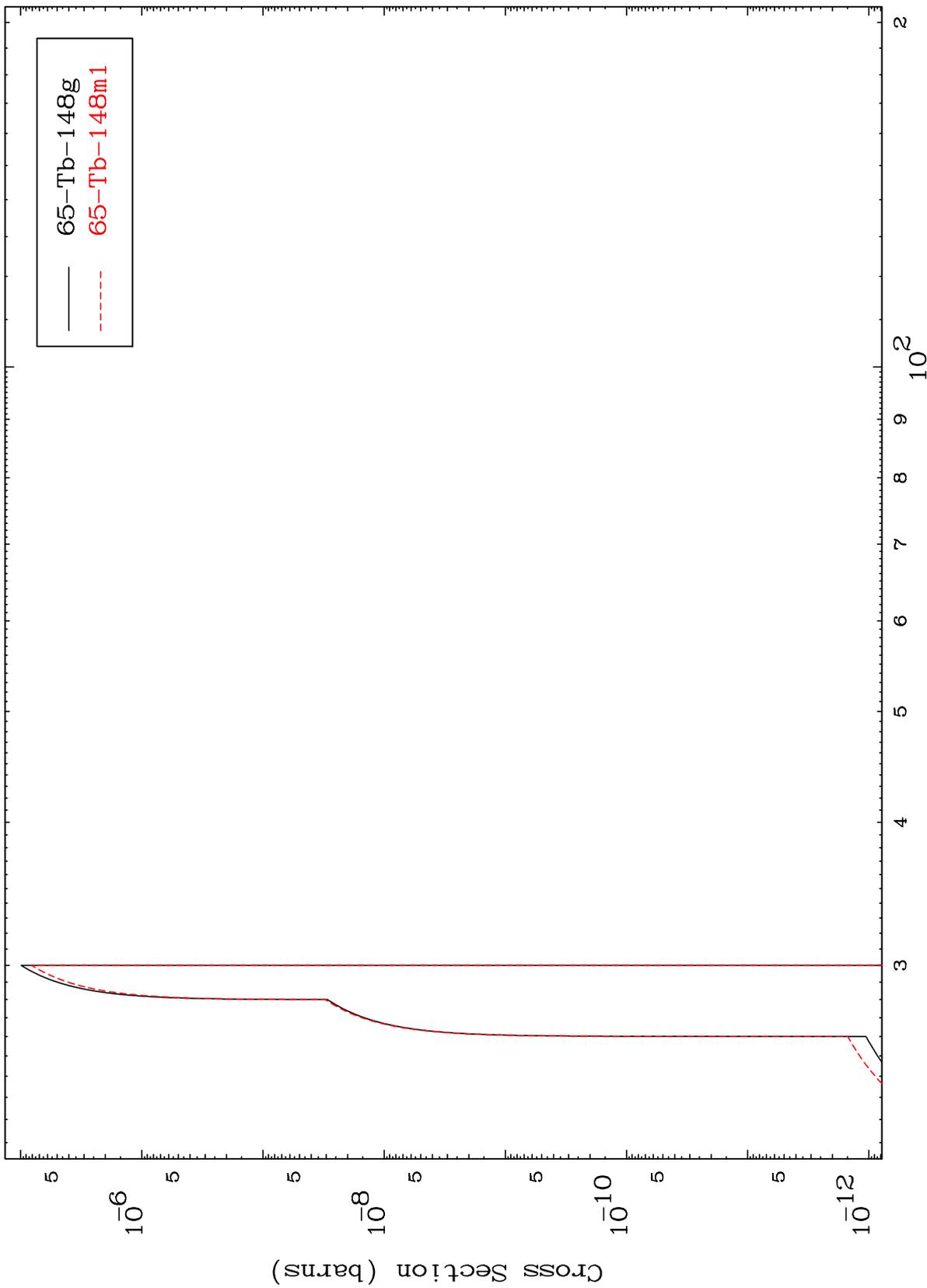
65-Tb-147

MAT 6489

(n,2n) p

65-Tb-147

Radionuclide Production Cross Section



15

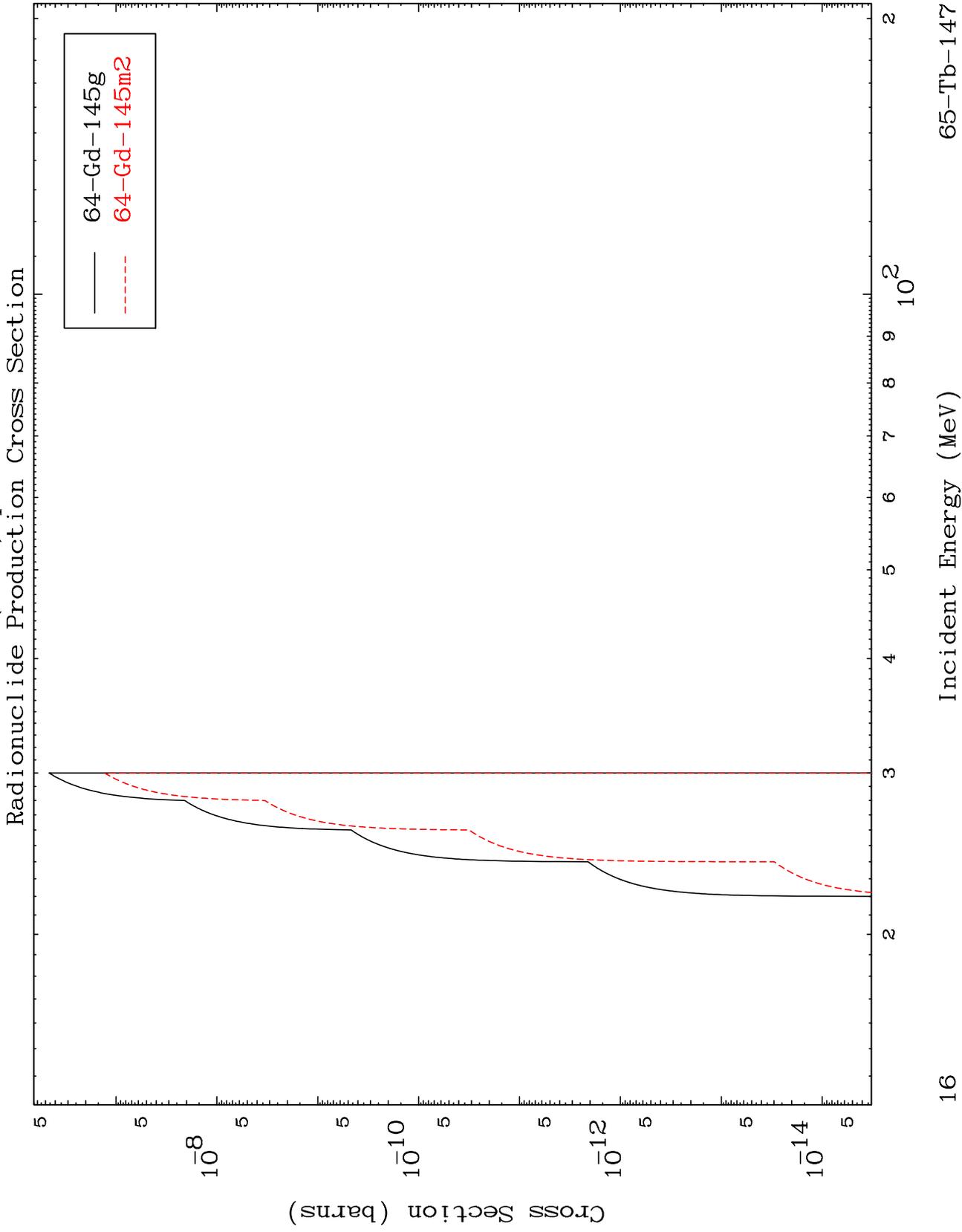
Incident Energy (MeV)

65-Tb-147

MAT 6489

(n,n') p  $\alpha$

65-Tb-147



16

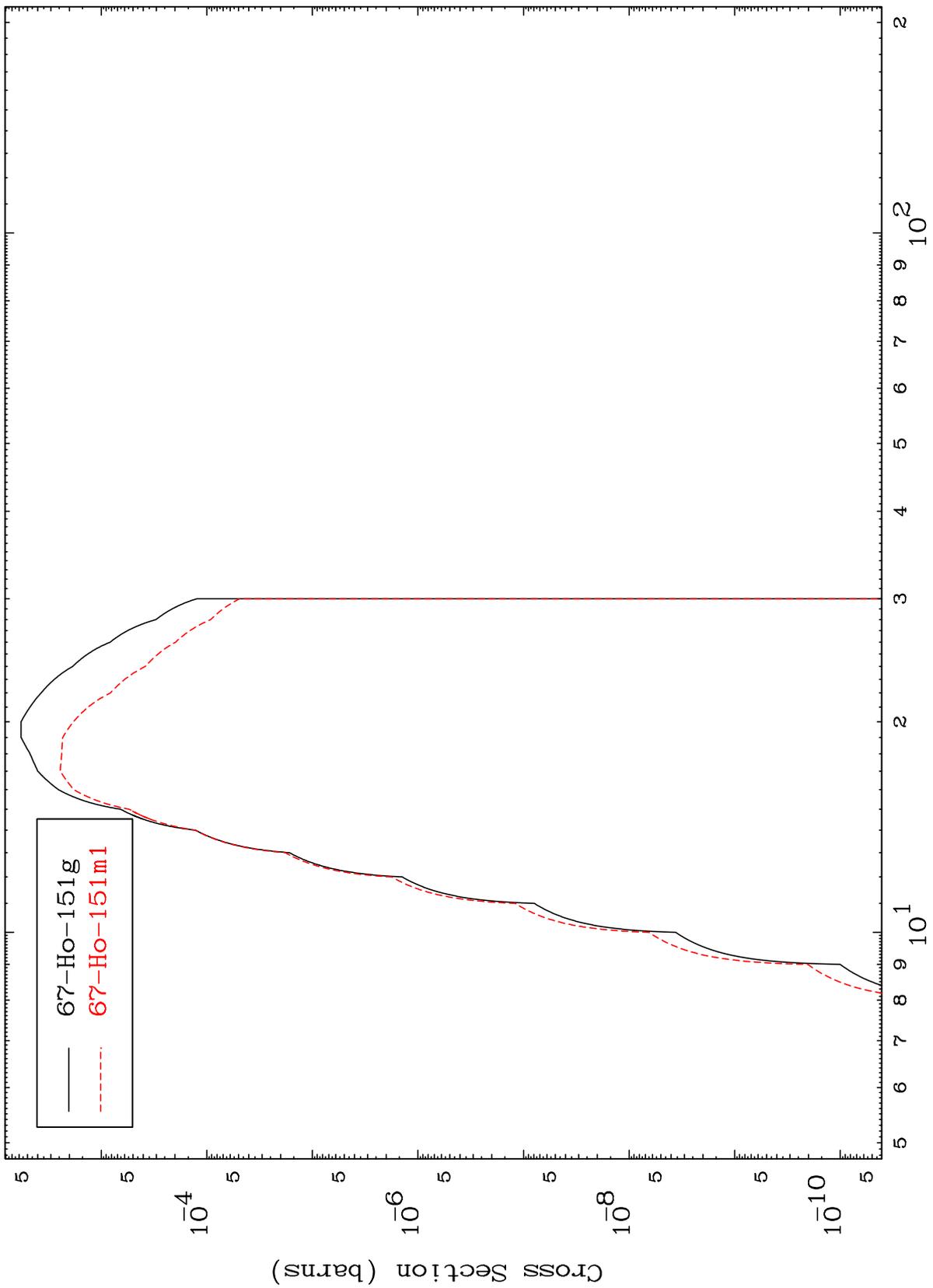
Incident Energy (MeV)

65-Tb-147

MAT 6489

65-Tb-147

(n,γ)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

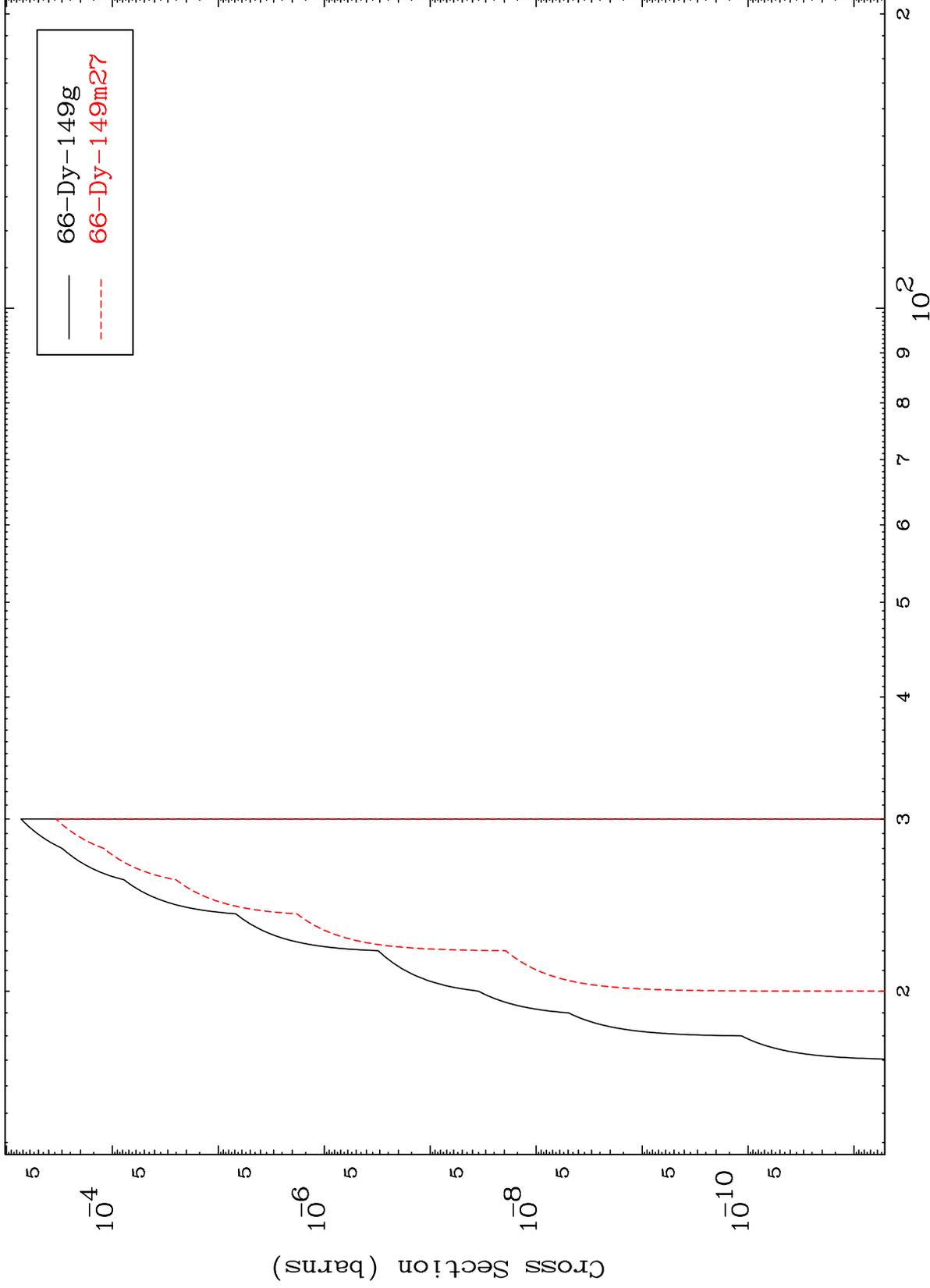
65-Tb-147

MAT 6489

(n,d)

65-Tb-147

Radionuclide Production Cross Section



18

Incident Energy (MeV)

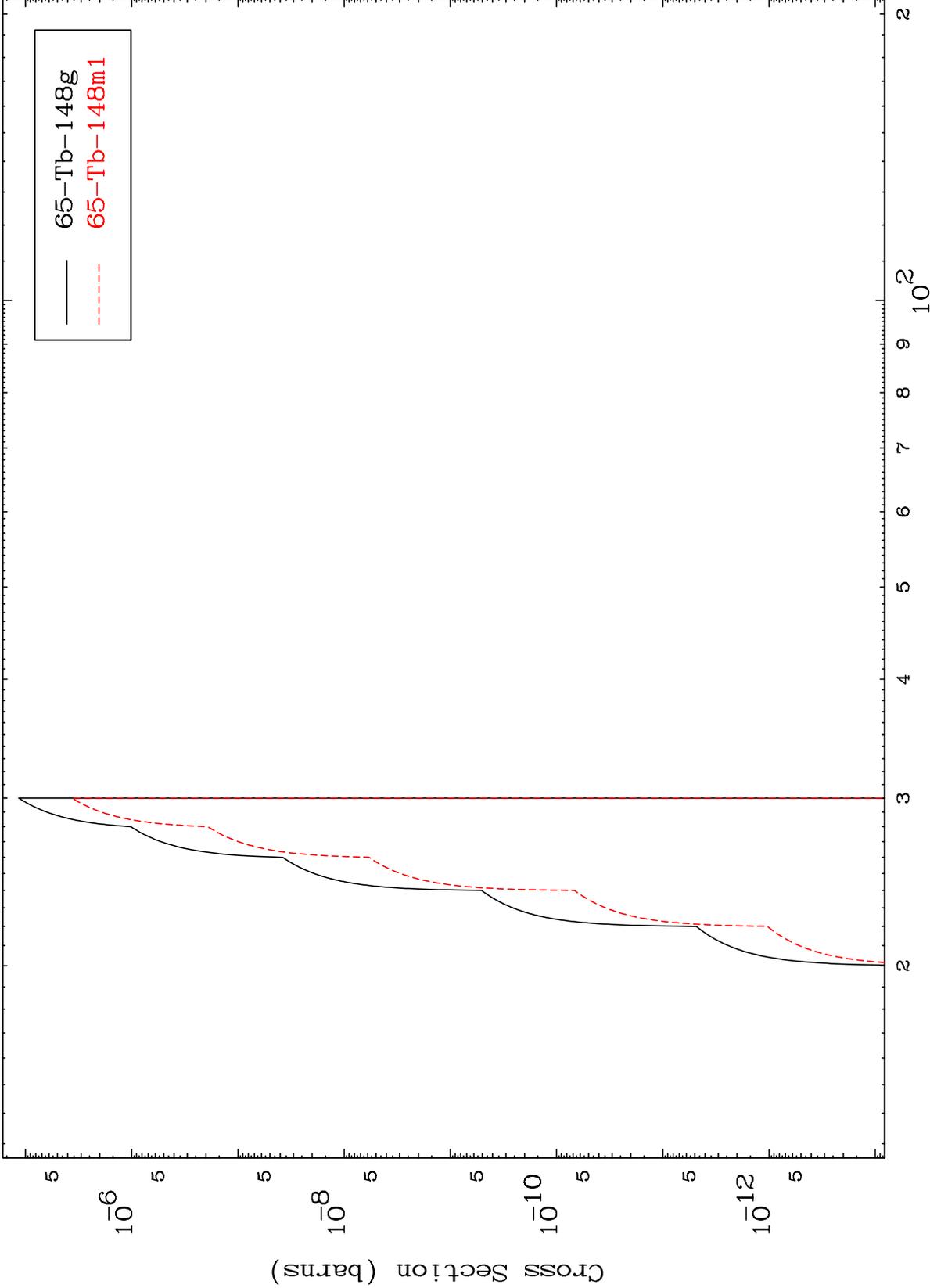
65-Tb-147

MAT 6489

(n,He-3)

65-Tb-147

Radionuclide Production Cross Section



19

Incident Energy (MeV)

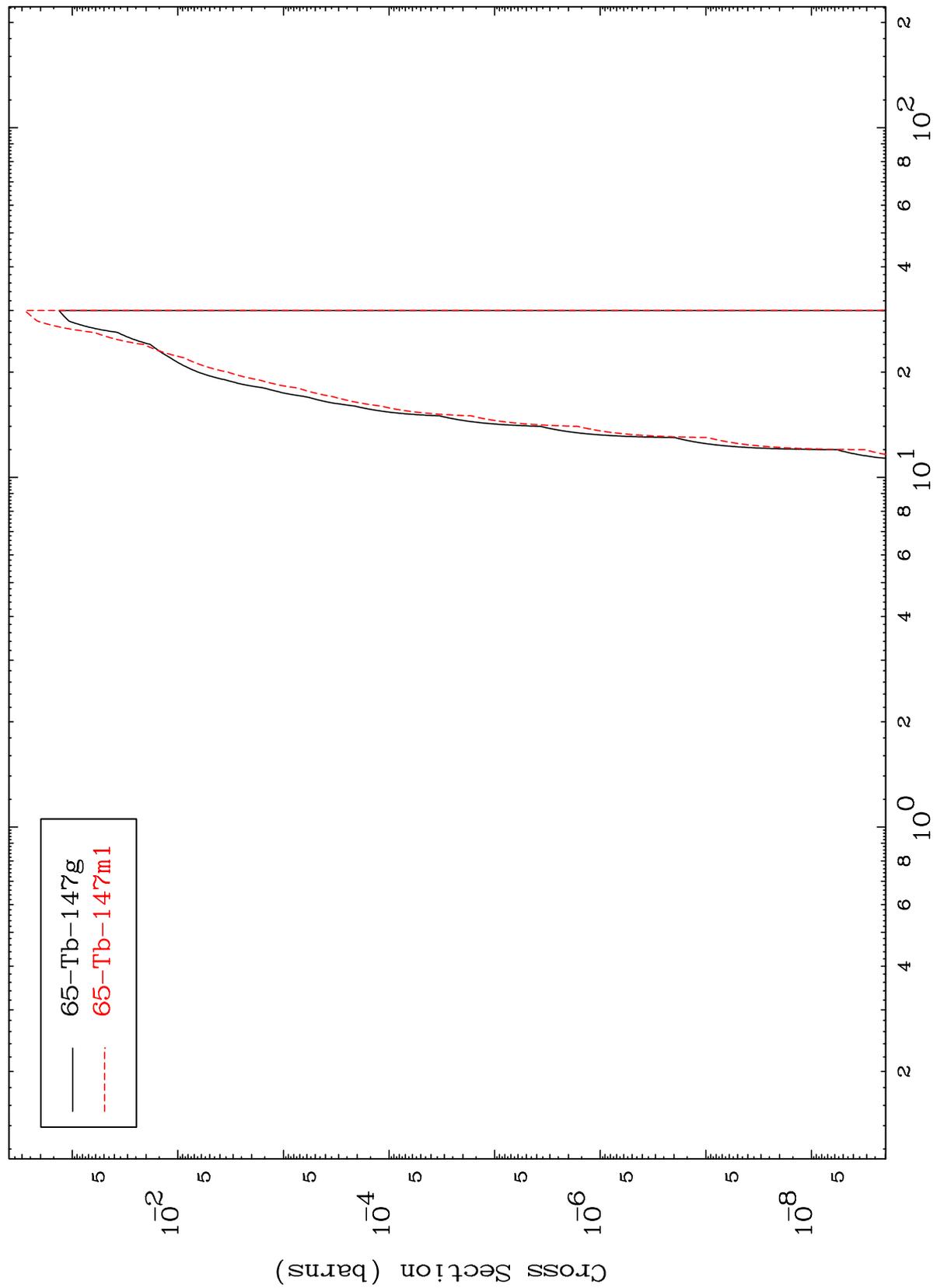
65-Tb-147

MAT 6489

65-Tb-147

(n,  $\alpha$ )

Radionuclide Production Cross Section



65-Tb-147g  
65-Tb-147m1

20

Incident Energy (MeV)

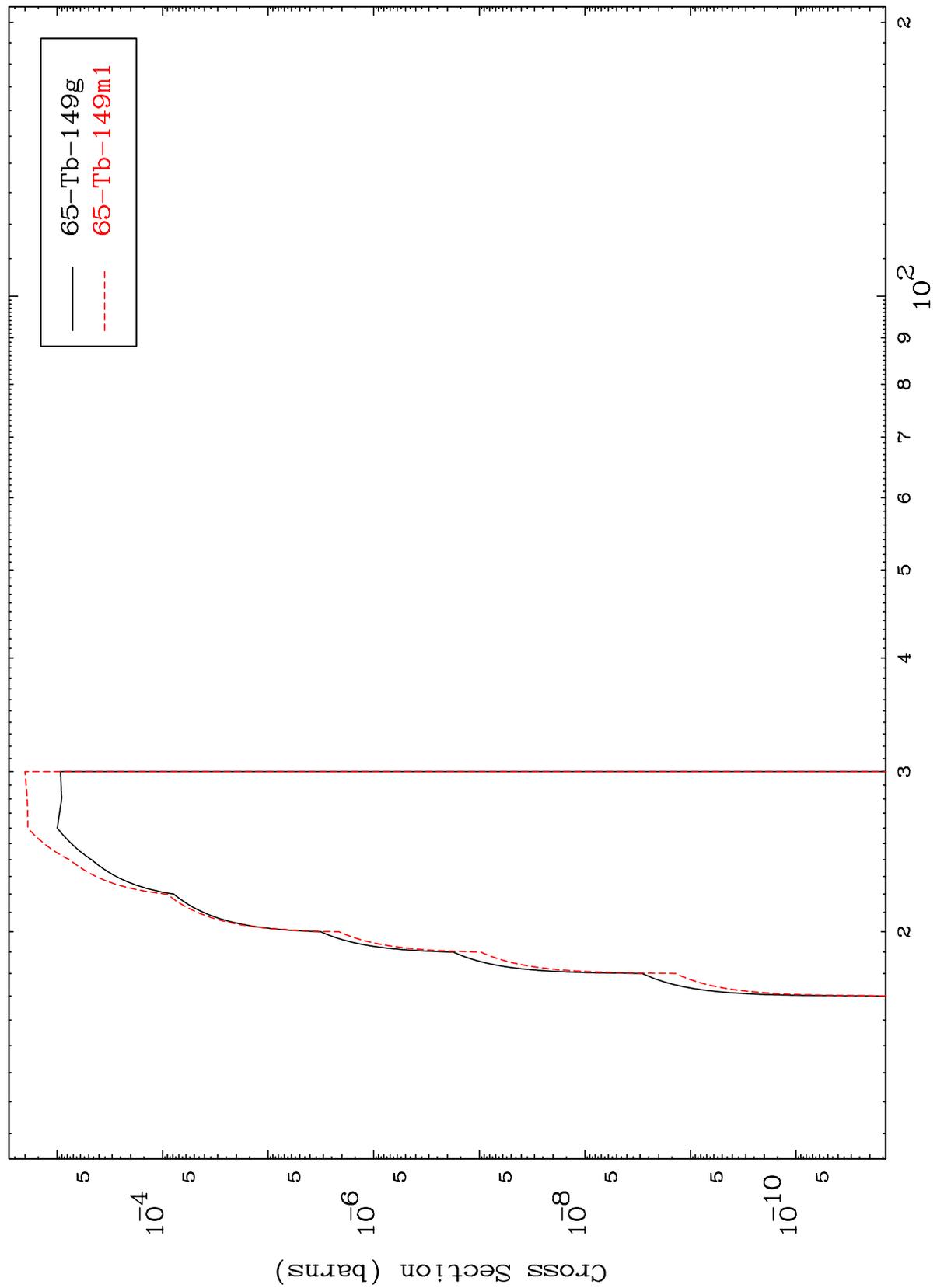
65-Tb-147

MAT 6489

65-Tb-147

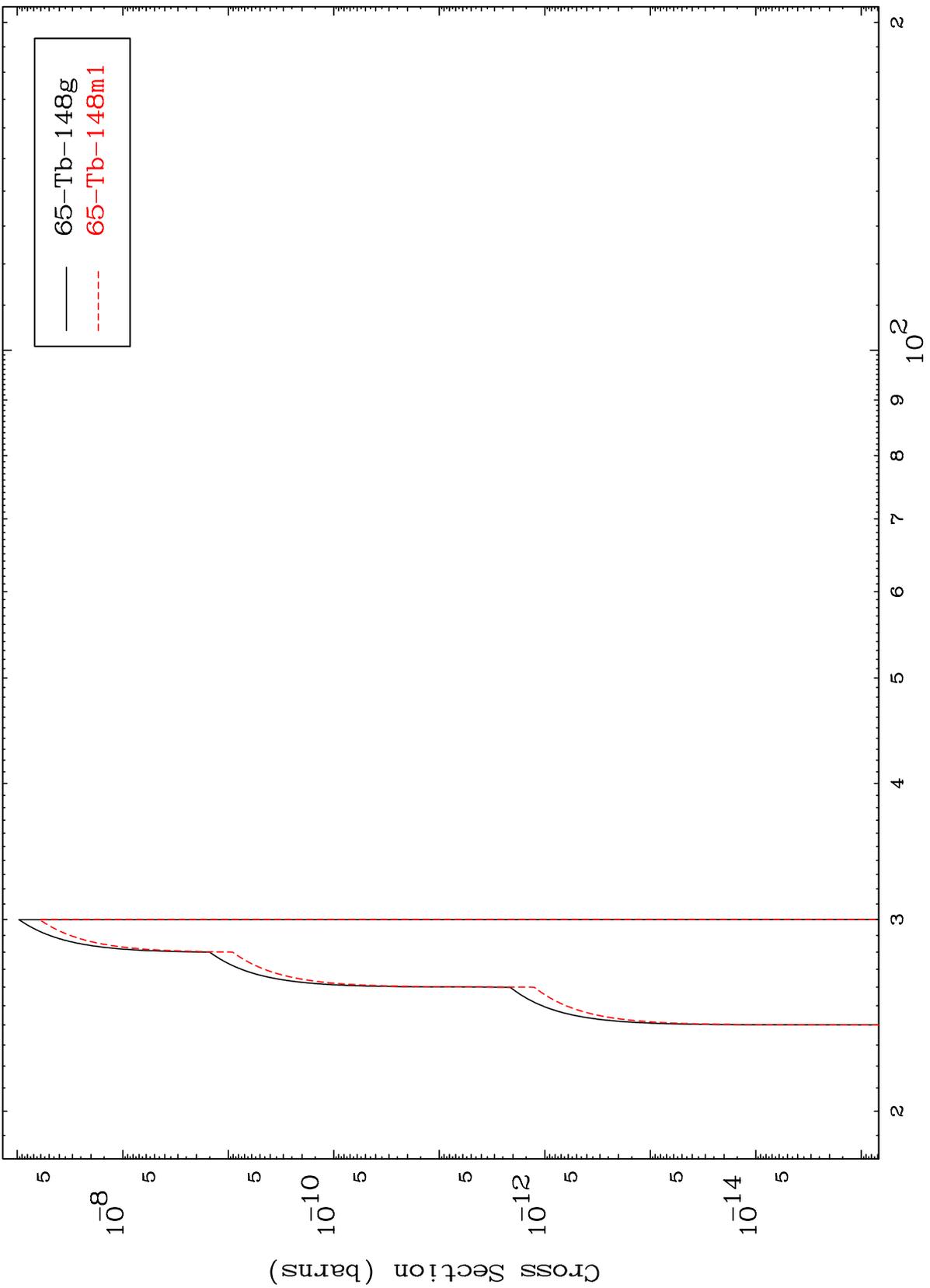
(n,2p)

Radionuclide Production Cross Section



65-Tb-149g  
65-Tb-149m1

Radionuclide Production Cross Section



MAT 6489

(n,d)  $\alpha$

65-Tb-147

Radionuclide Production Cross Section

