

Program EVALPLOT  
(Version 2021-1)

by

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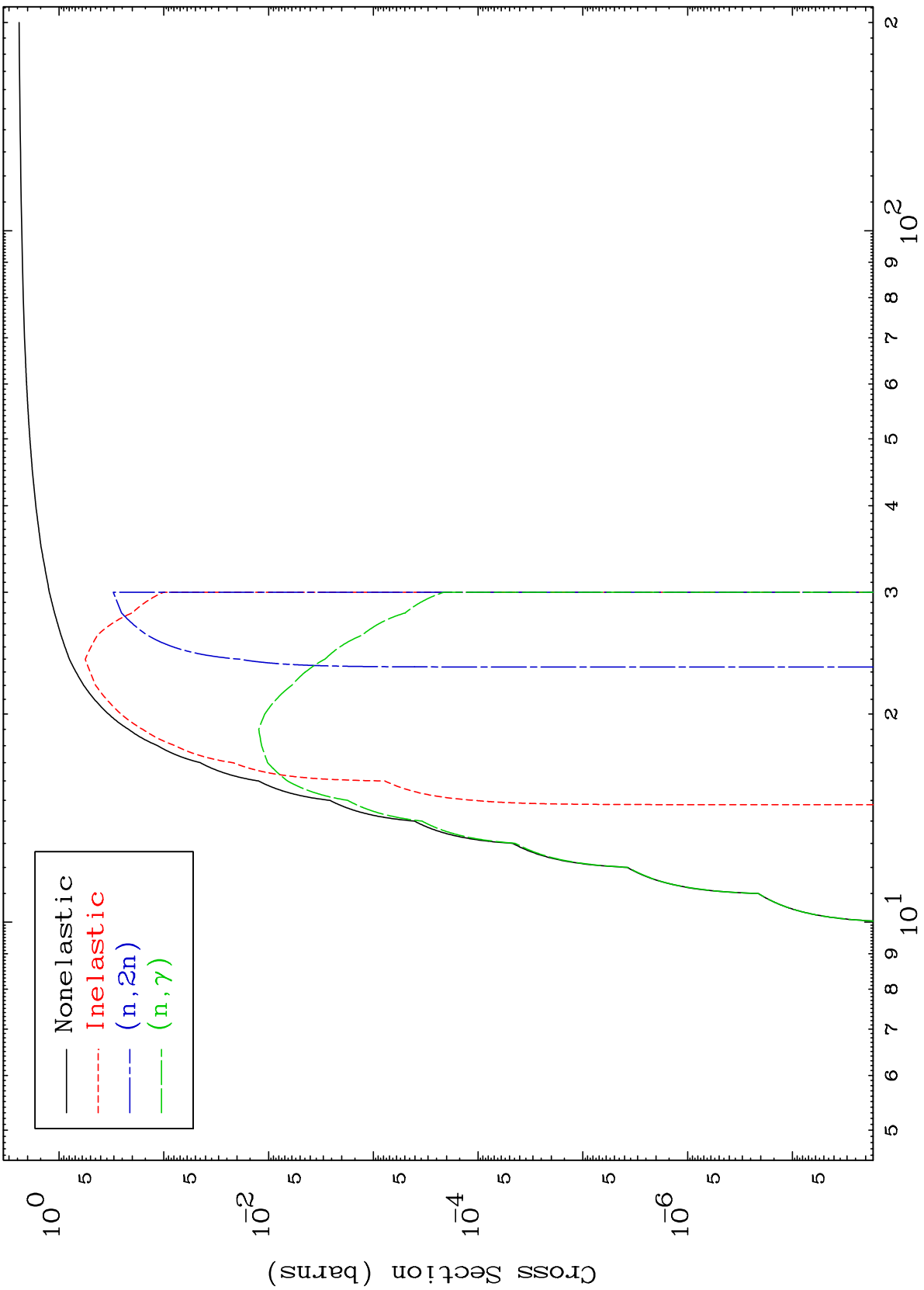
Press Mouse Button to Start

MAT 6490

$\alpha$  Major

65-Tb-147m

0 Kelvin Cross Sections

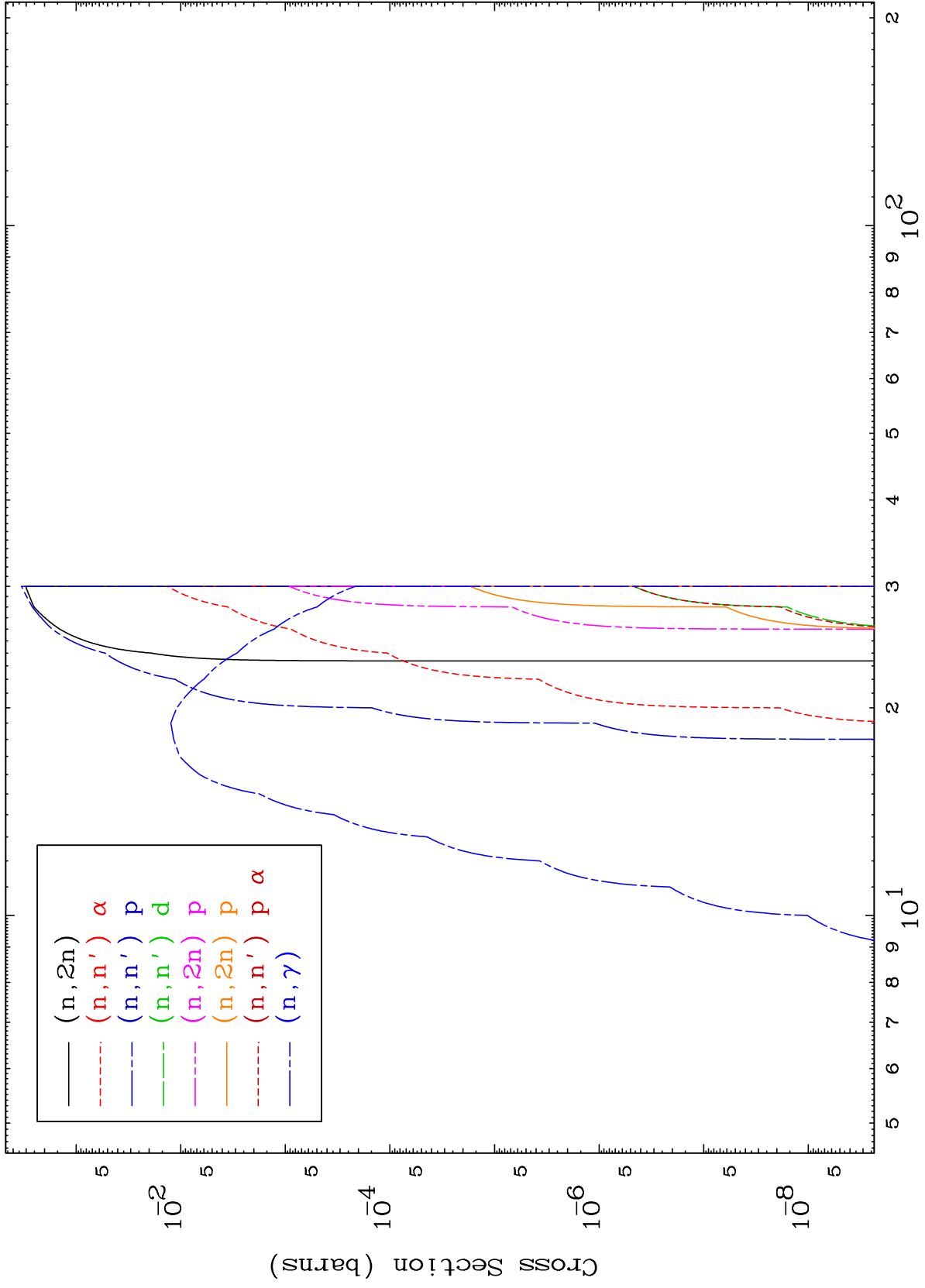


Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n, gamma)

MAT 6490

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

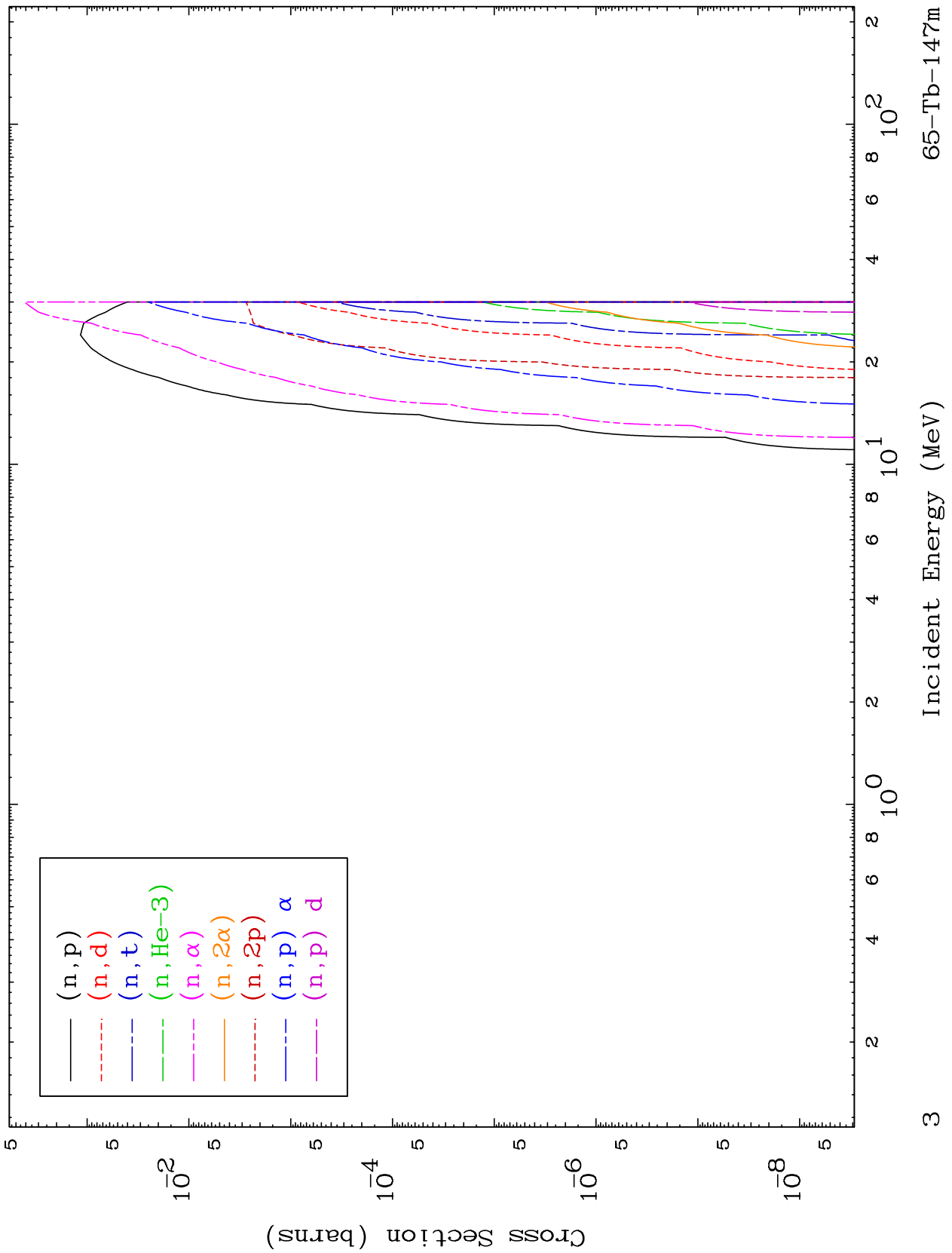
65-Tb-147m

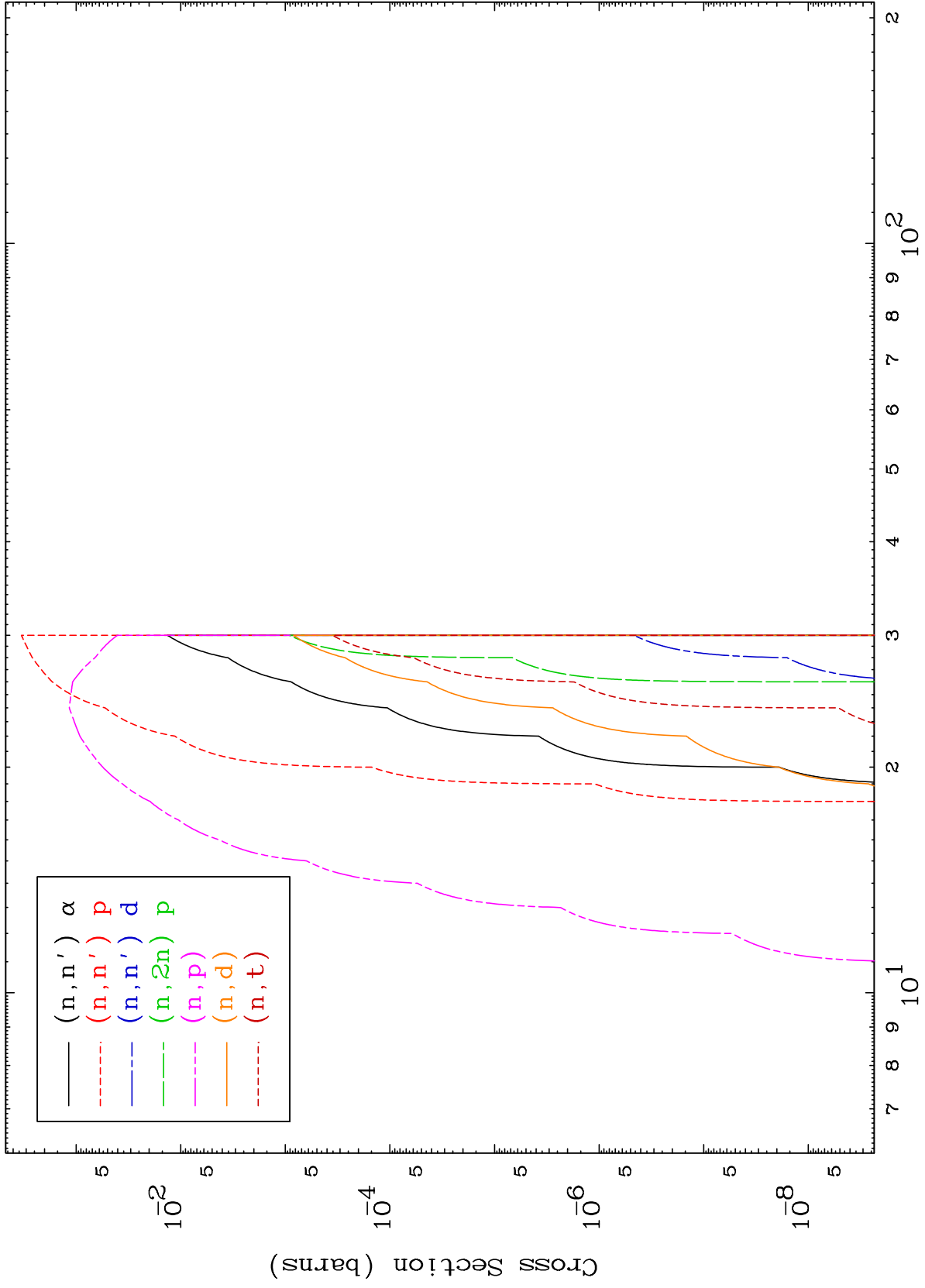


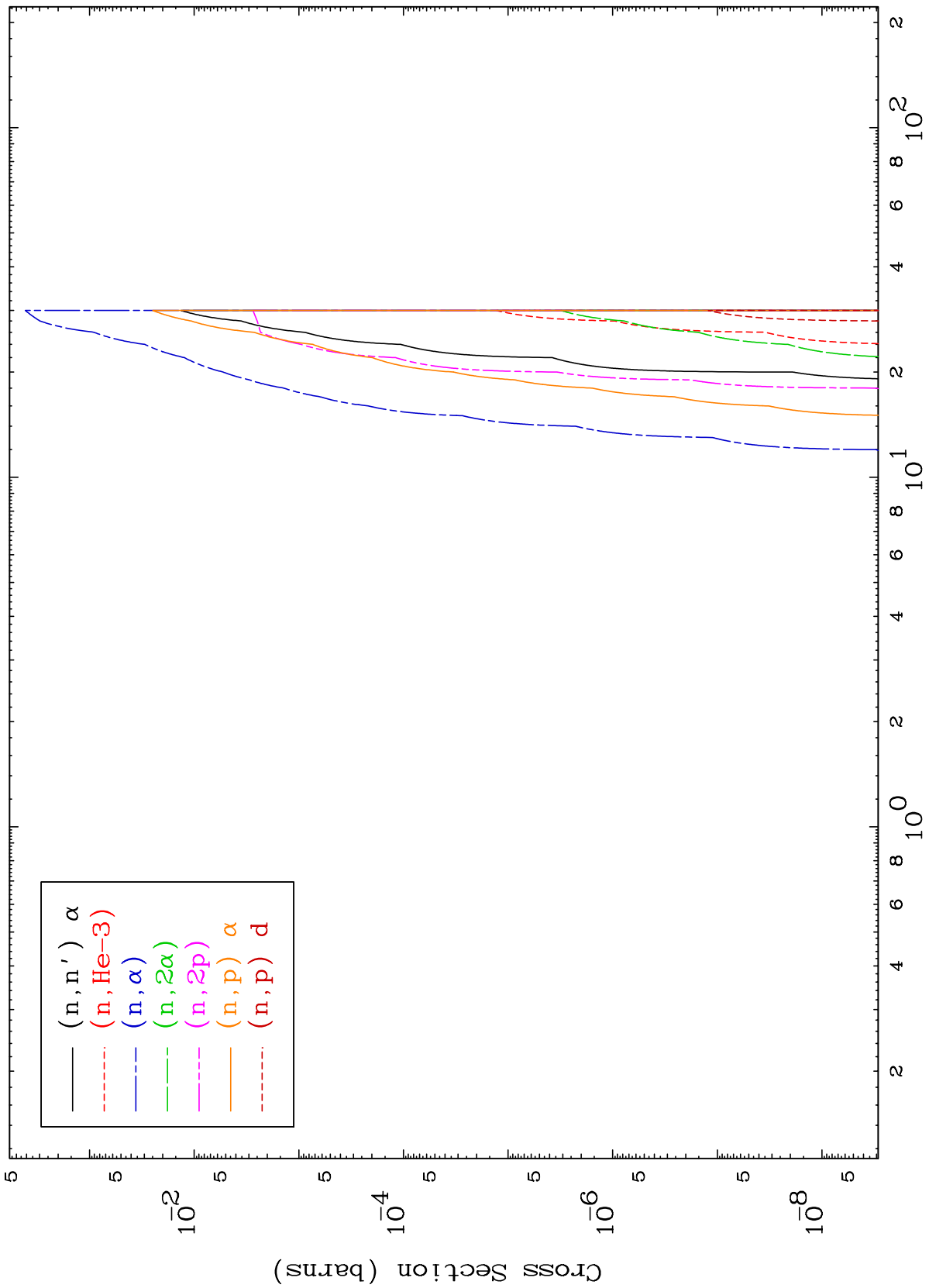
MAT 6490

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

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





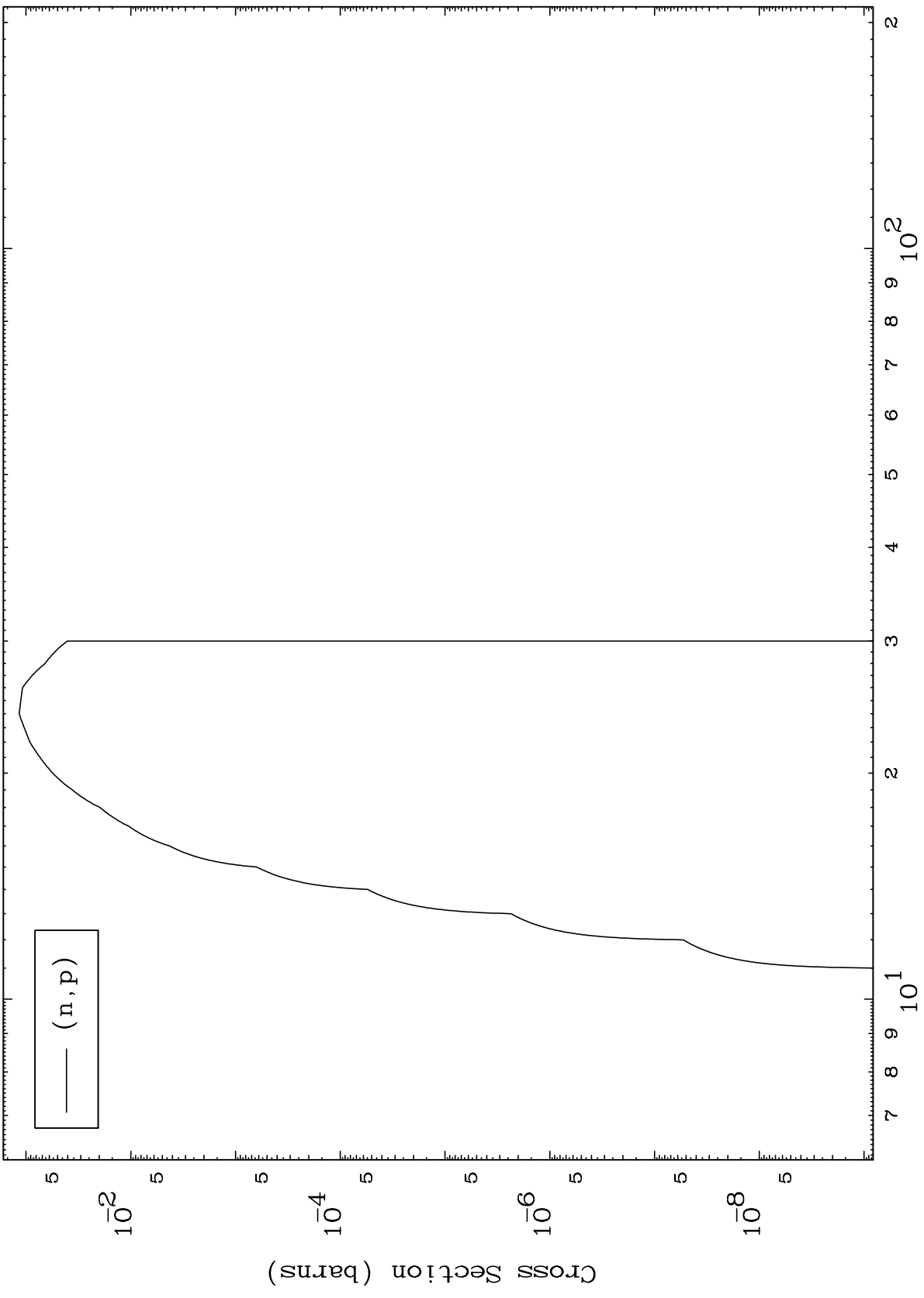


MAT 6490

( $\alpha, p$ ) Levels

65-Tb-147m

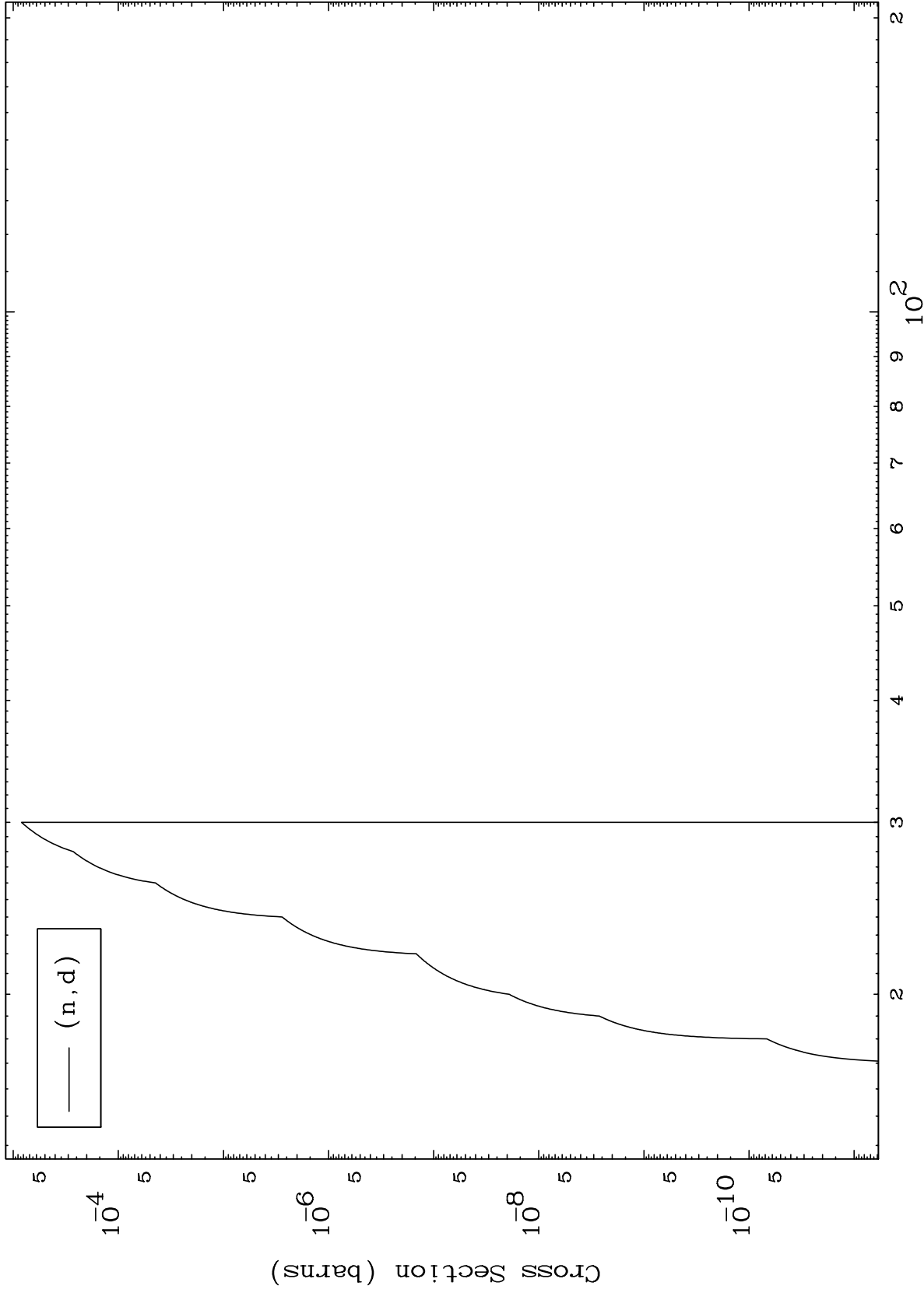
0 Kelvin Cross Sections



MAT 6490

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

65-Tb-147m



7

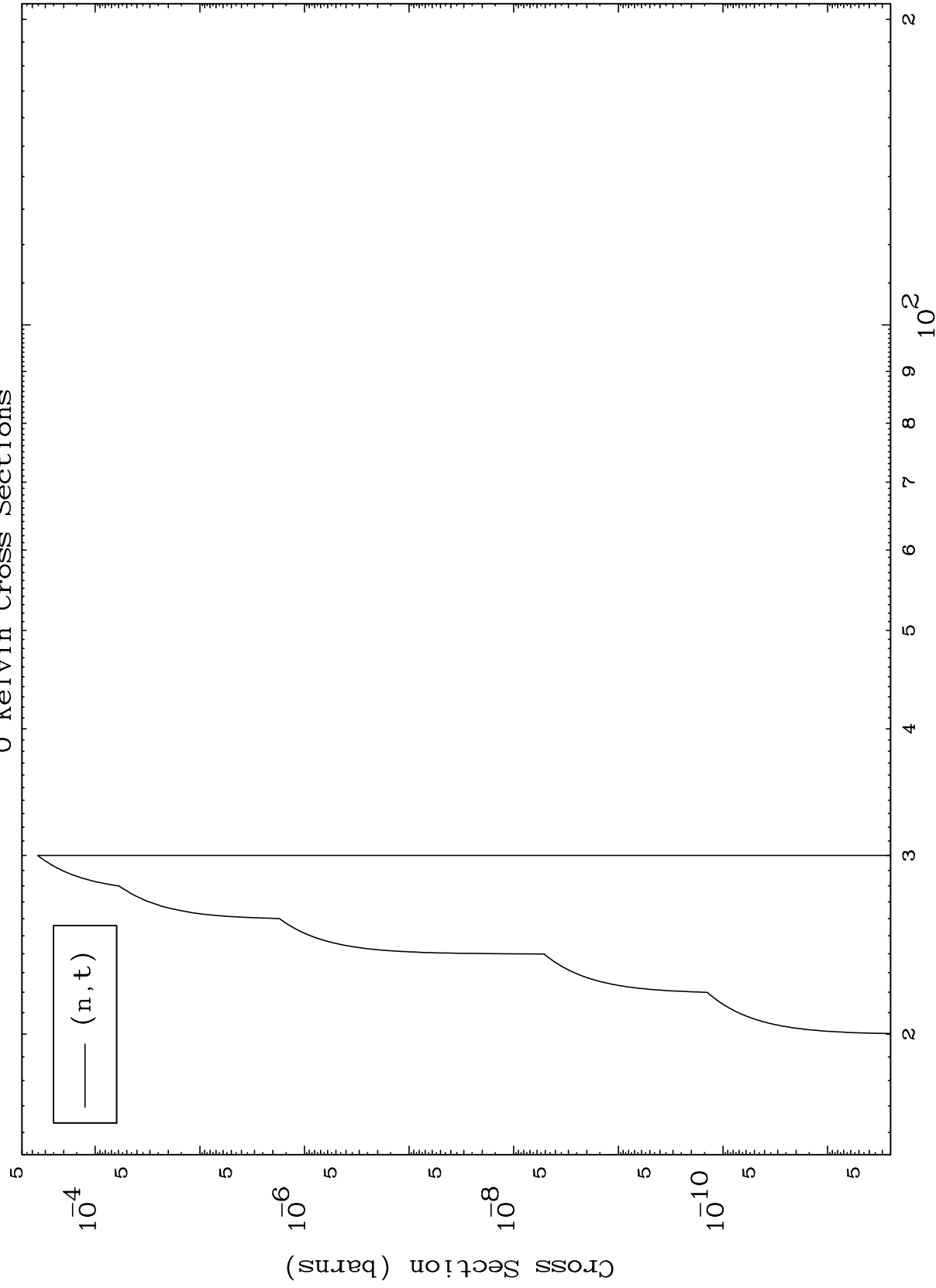
Incident Energy (MeV)

65-Tb-147m

MAT 6490

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

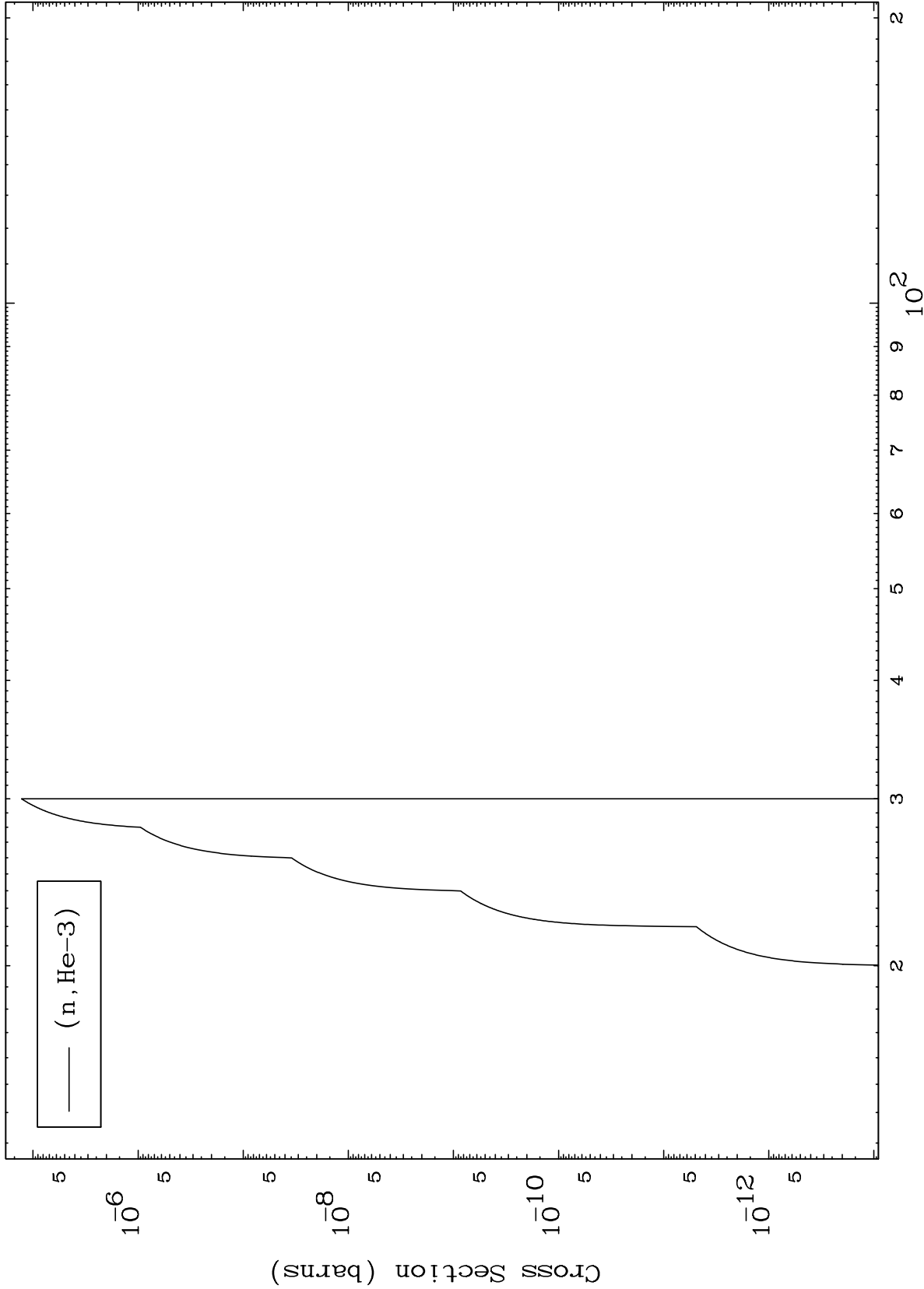
65-Tb-147m



8

Incident Energy (MeV)

65-Tb-147m

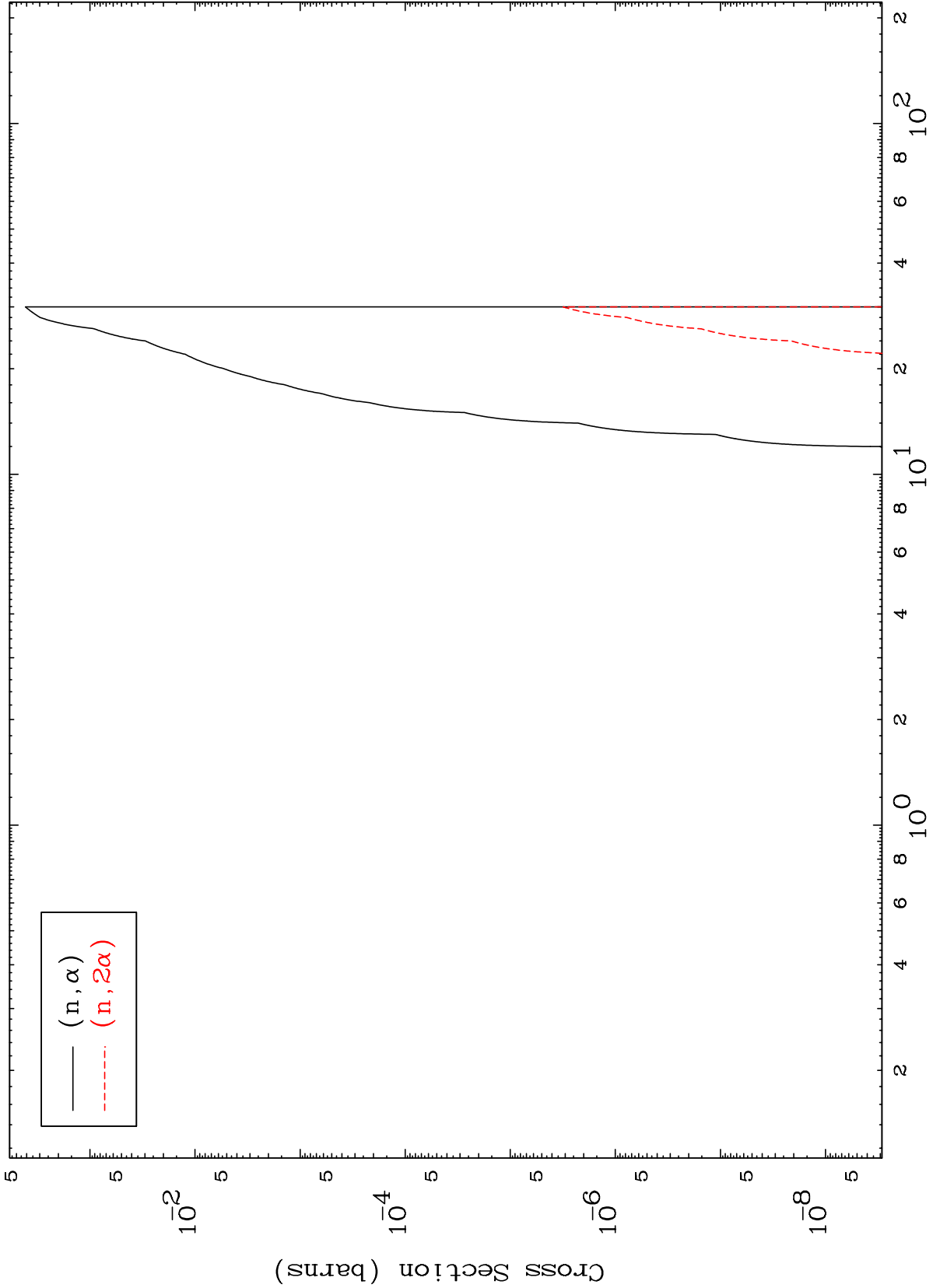


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( $\alpha, \alpha$ ) Levels

65-Tb-147m

0 Kelvin Cross Sections



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

10

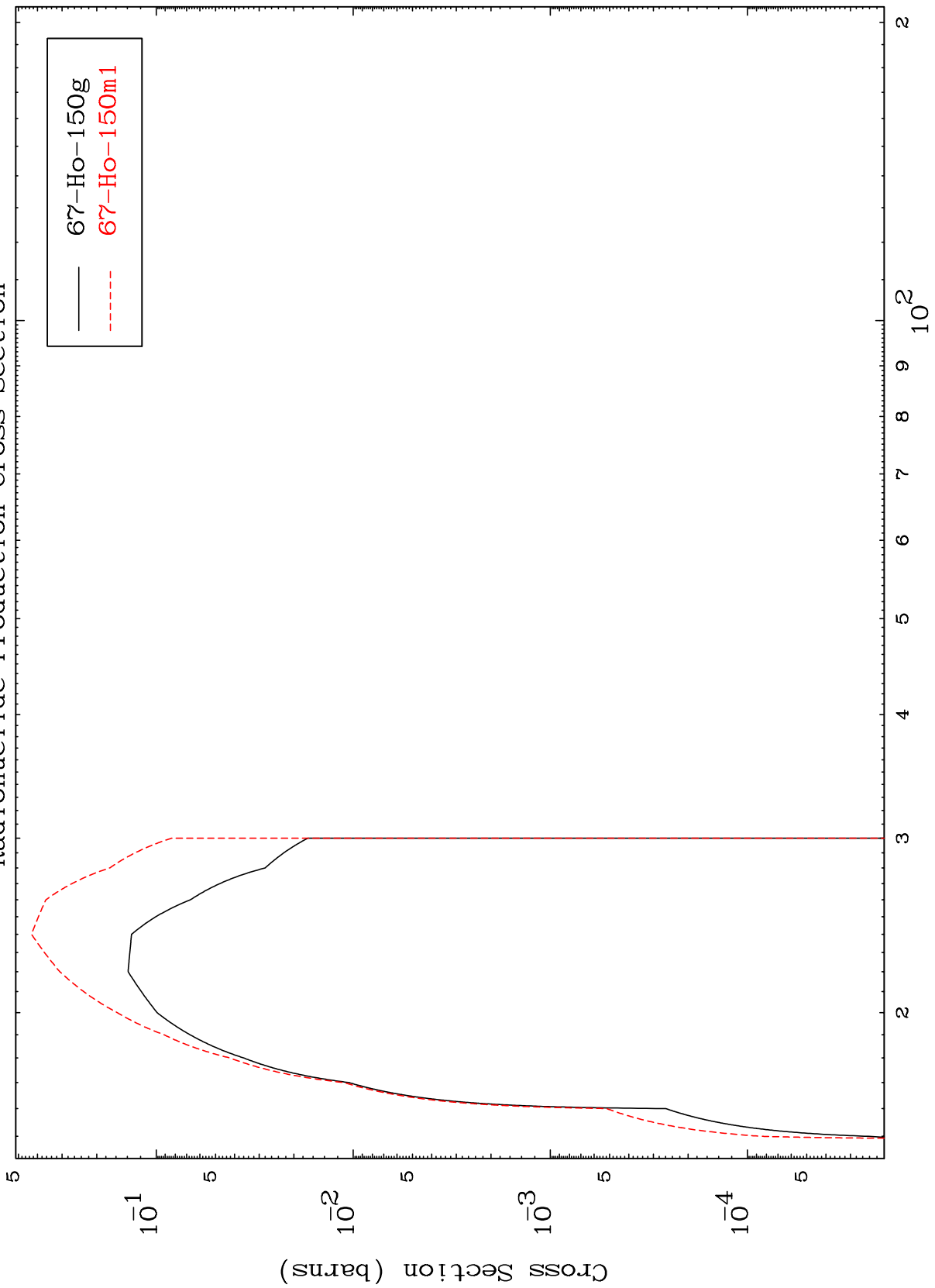
Incident Energy (MeV)

65-Tb-147m

MAT 6490

65-Tb-147m

Inelastic  
Radionuclide Production Cross Section



11

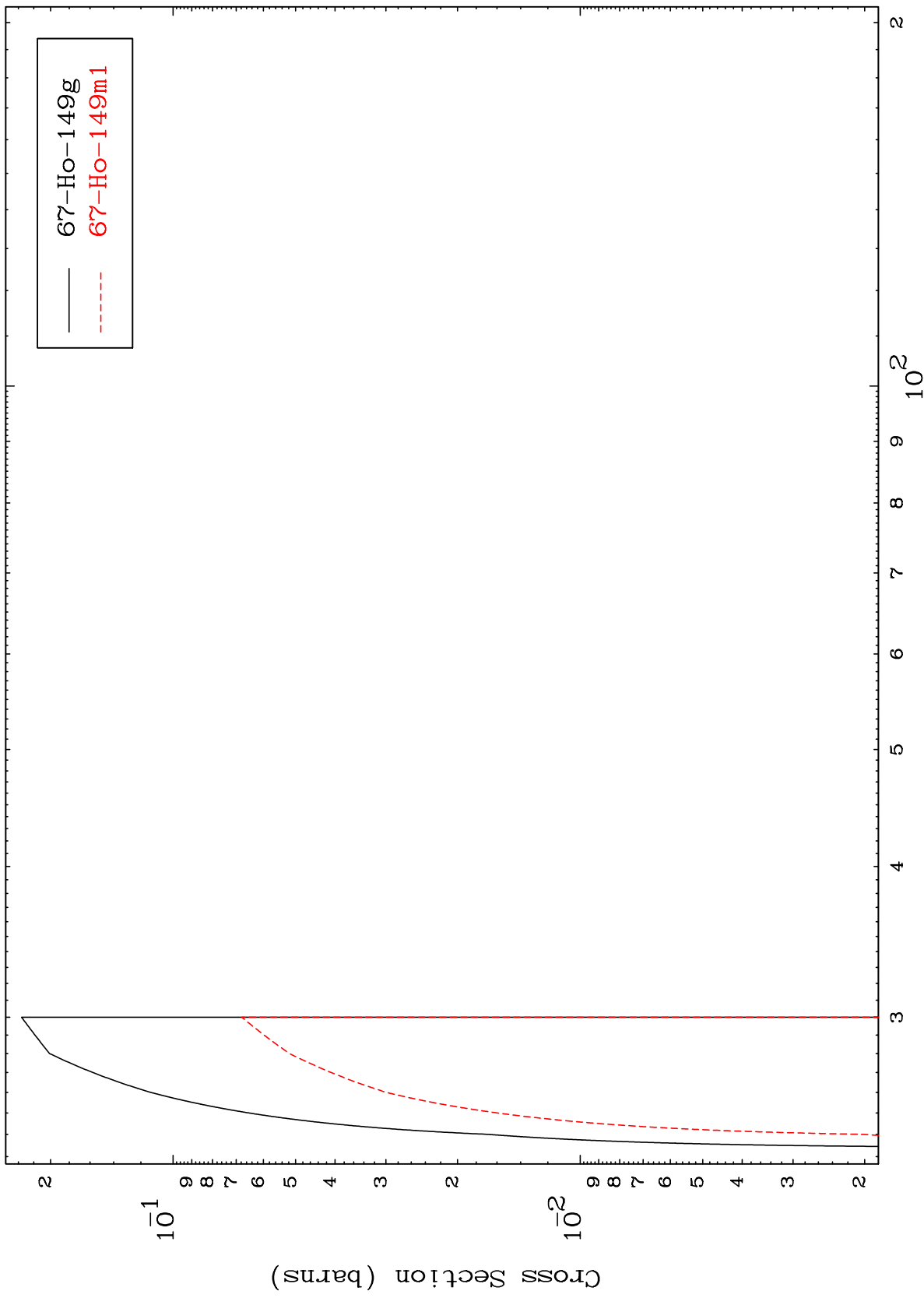
Incident Energy (MeV)

65-Tb-147m

MAT 6490

65-Tb-147m

(n,2n)  
Radionuclide Production Cross Section



12

65-Tb-147m

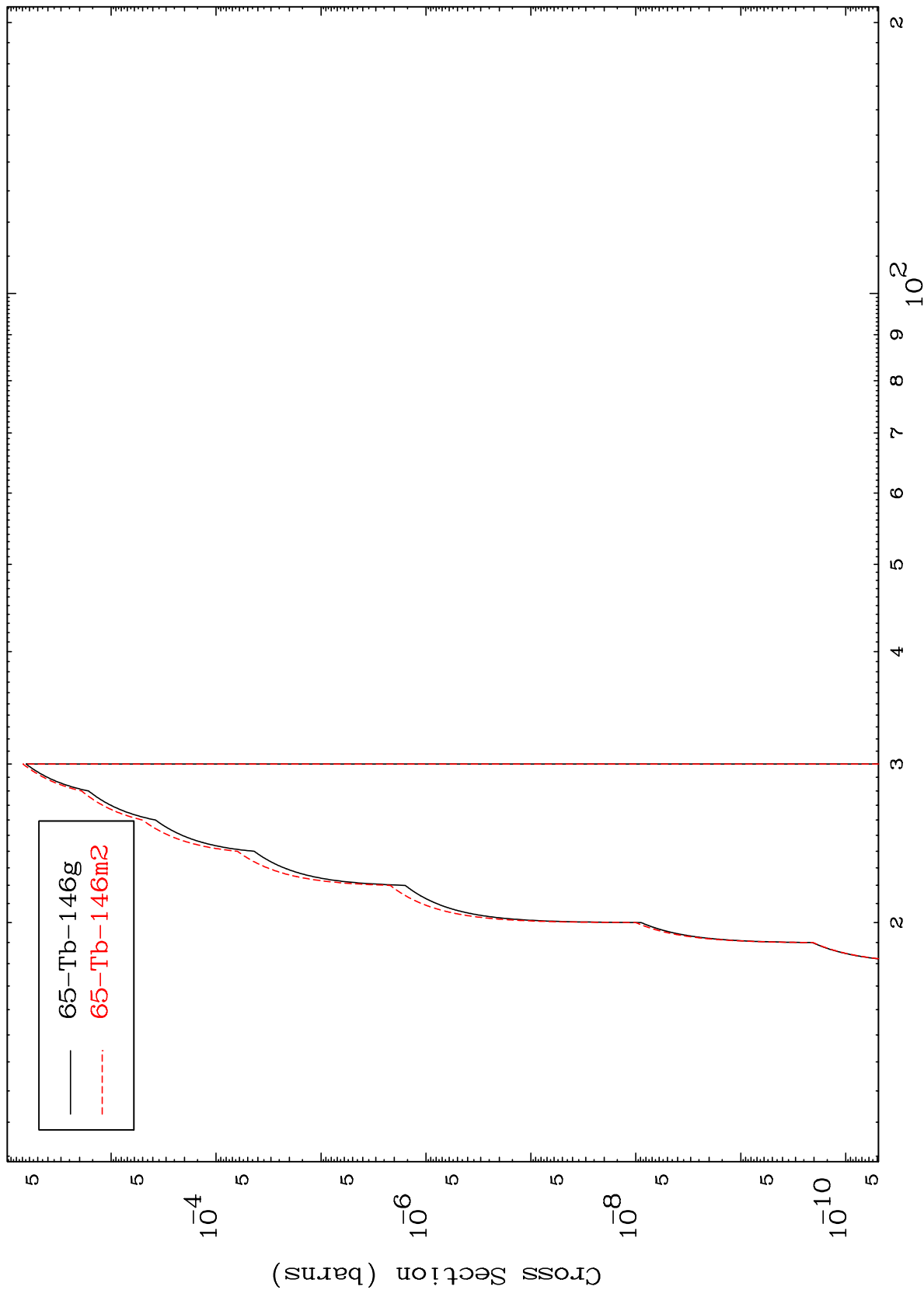
Incident Energy (MeV)

MAT 6490

(n,n')  $\alpha$

65-Tb-147m

Radionuclide Production Cross Section

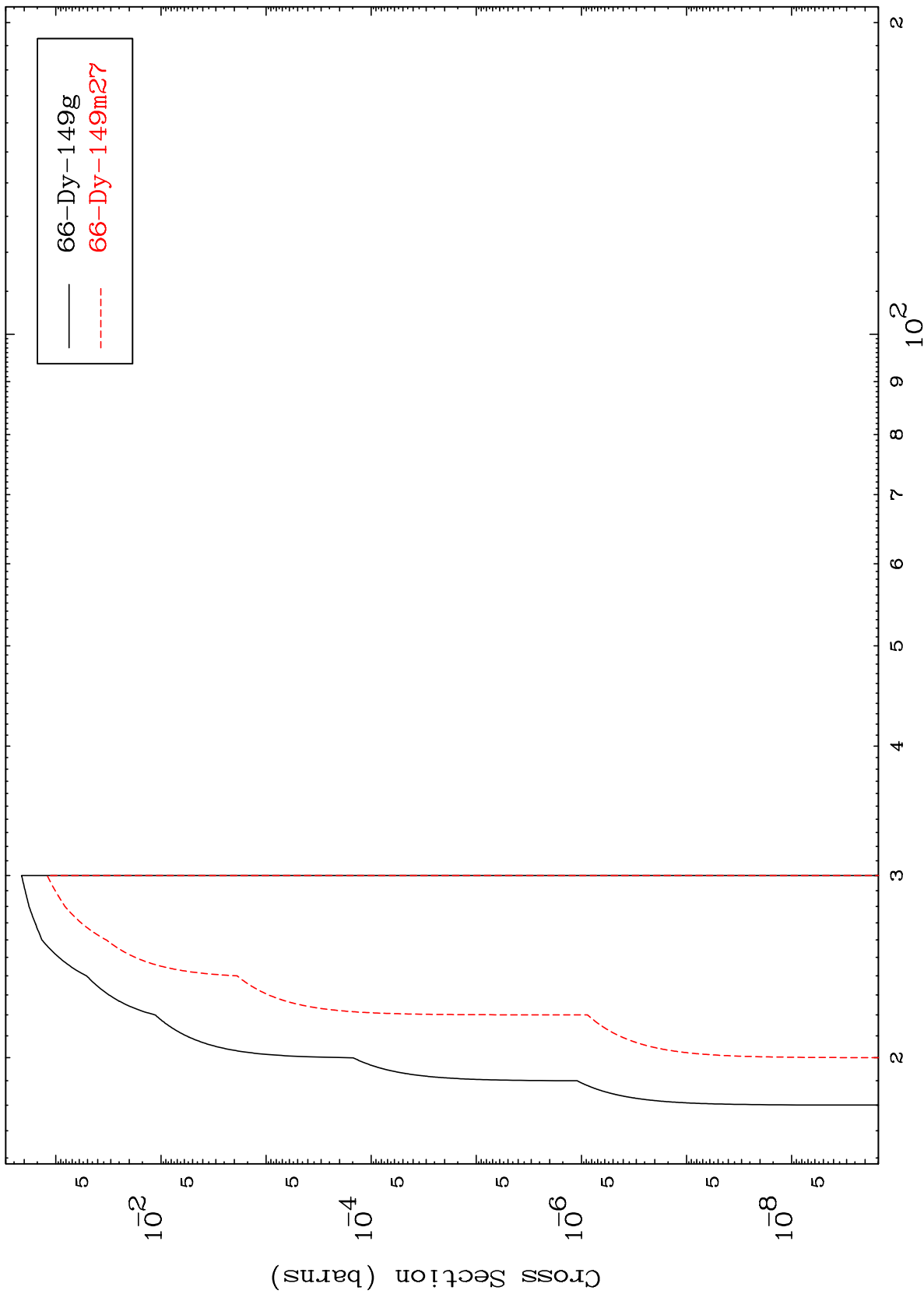


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(n,n') p

65-Tb-147m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

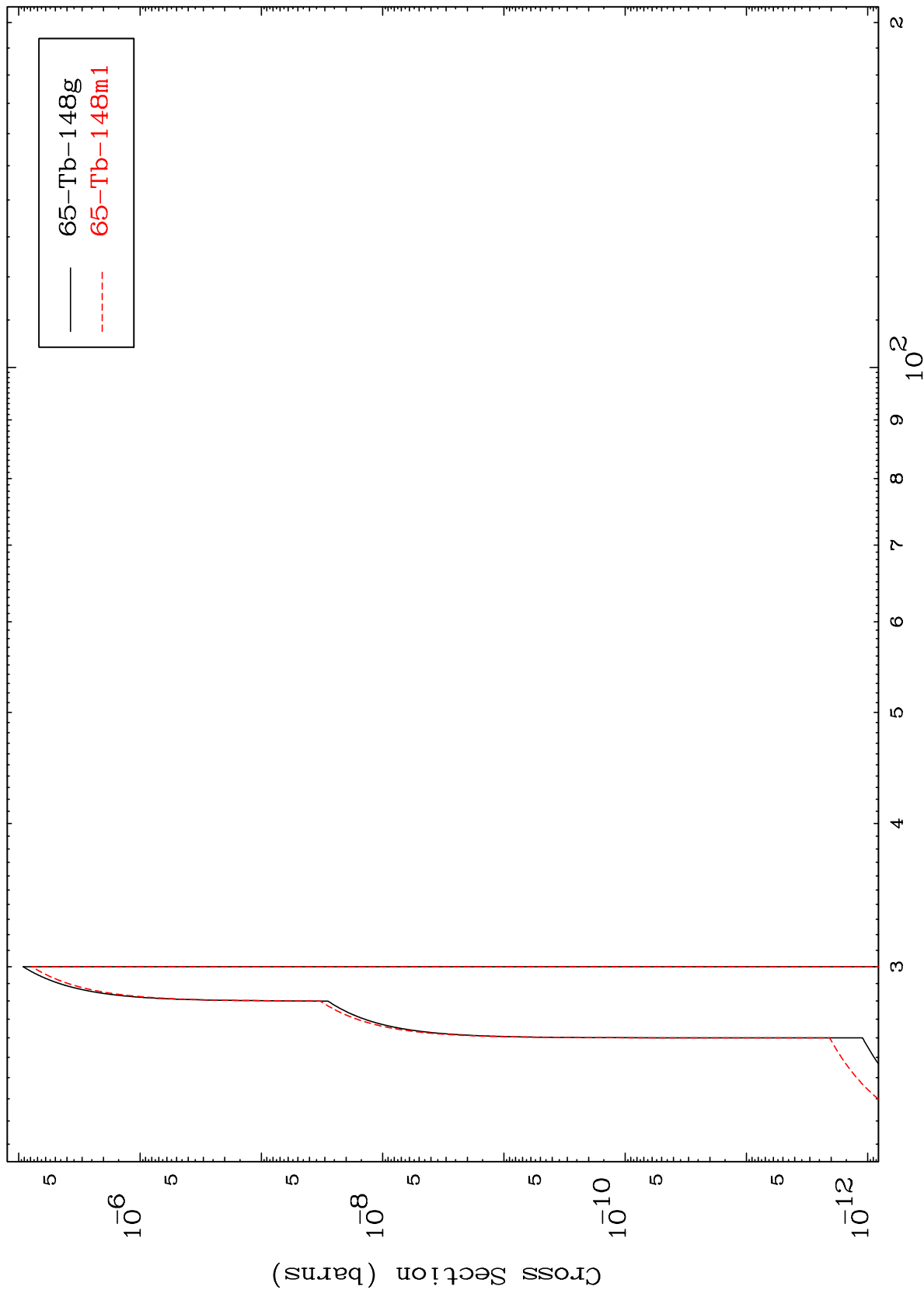
65-Tb-147m

MAT 6490

(n,2n) p

65-Tb-147m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

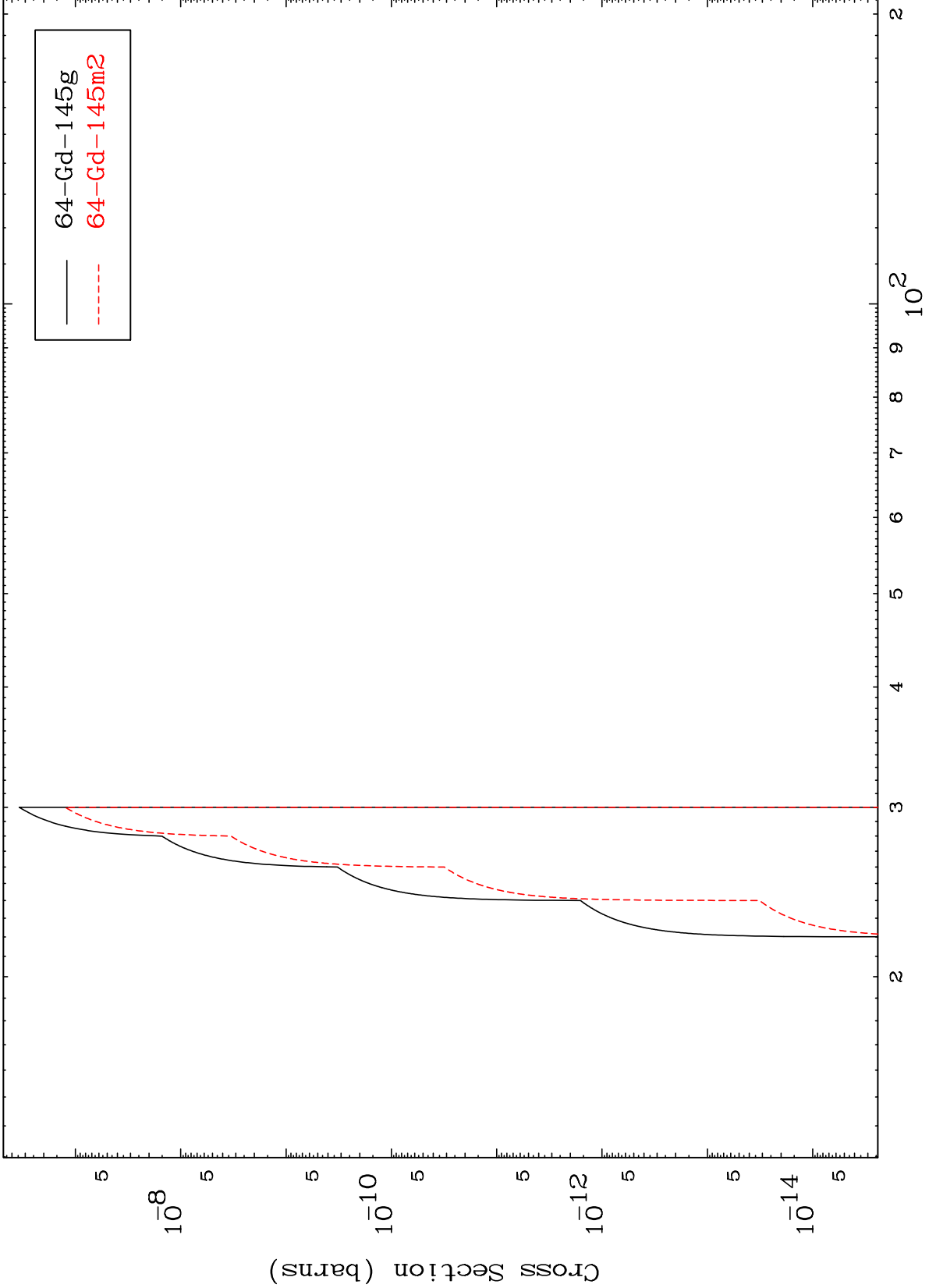
65-Tb-147m

MAT 6490

(n,n') p  $\alpha$

65-Tb-147m

Radionuclide Production Cross Section



16

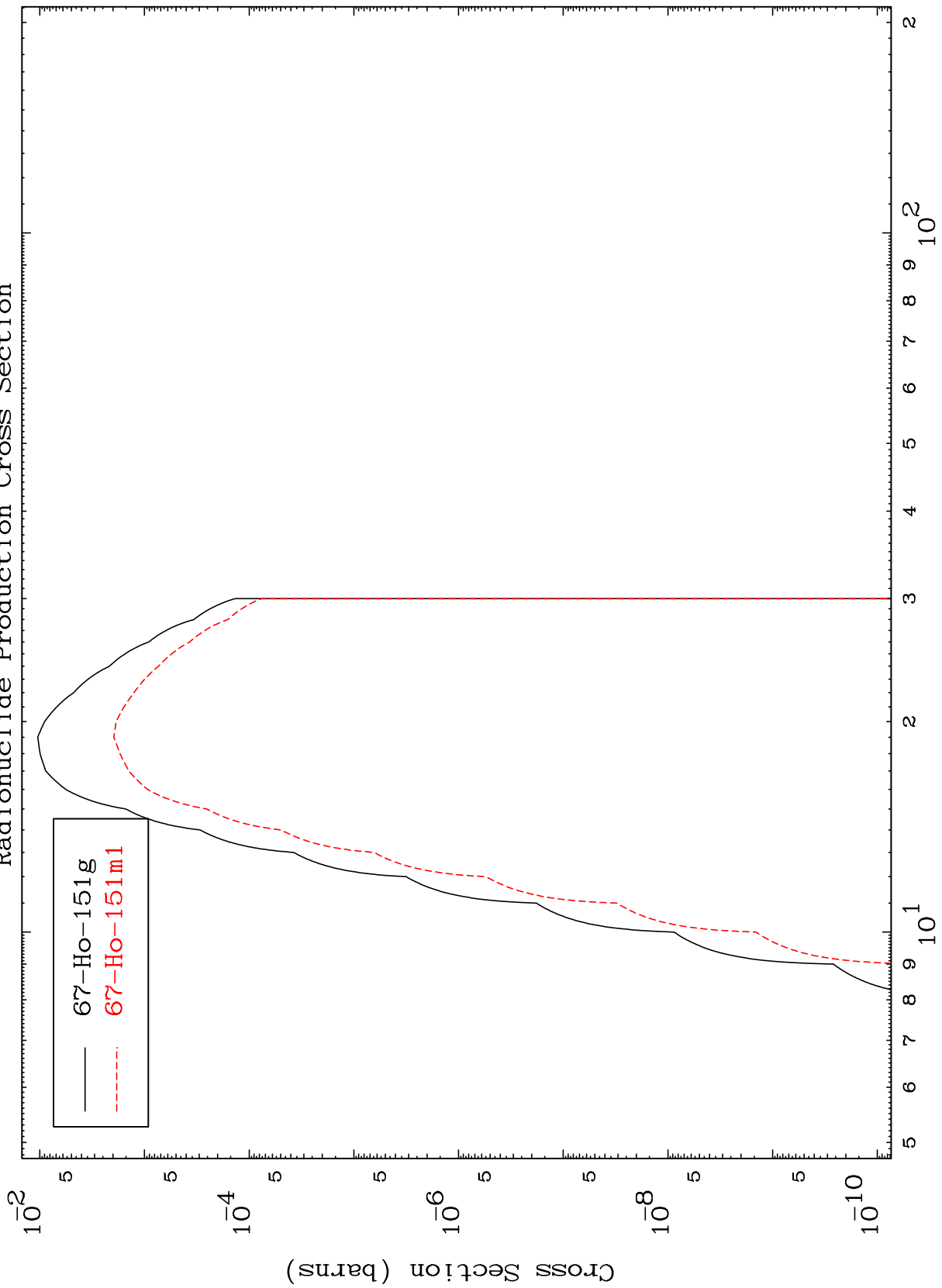
Incident Energy (MeV)

65-Tb-147m

MAT 6490

65-Tb-147m

Radionuclide Production Cross Section (n,γ)



Incident Energy (MeV)

65-Tb-147m

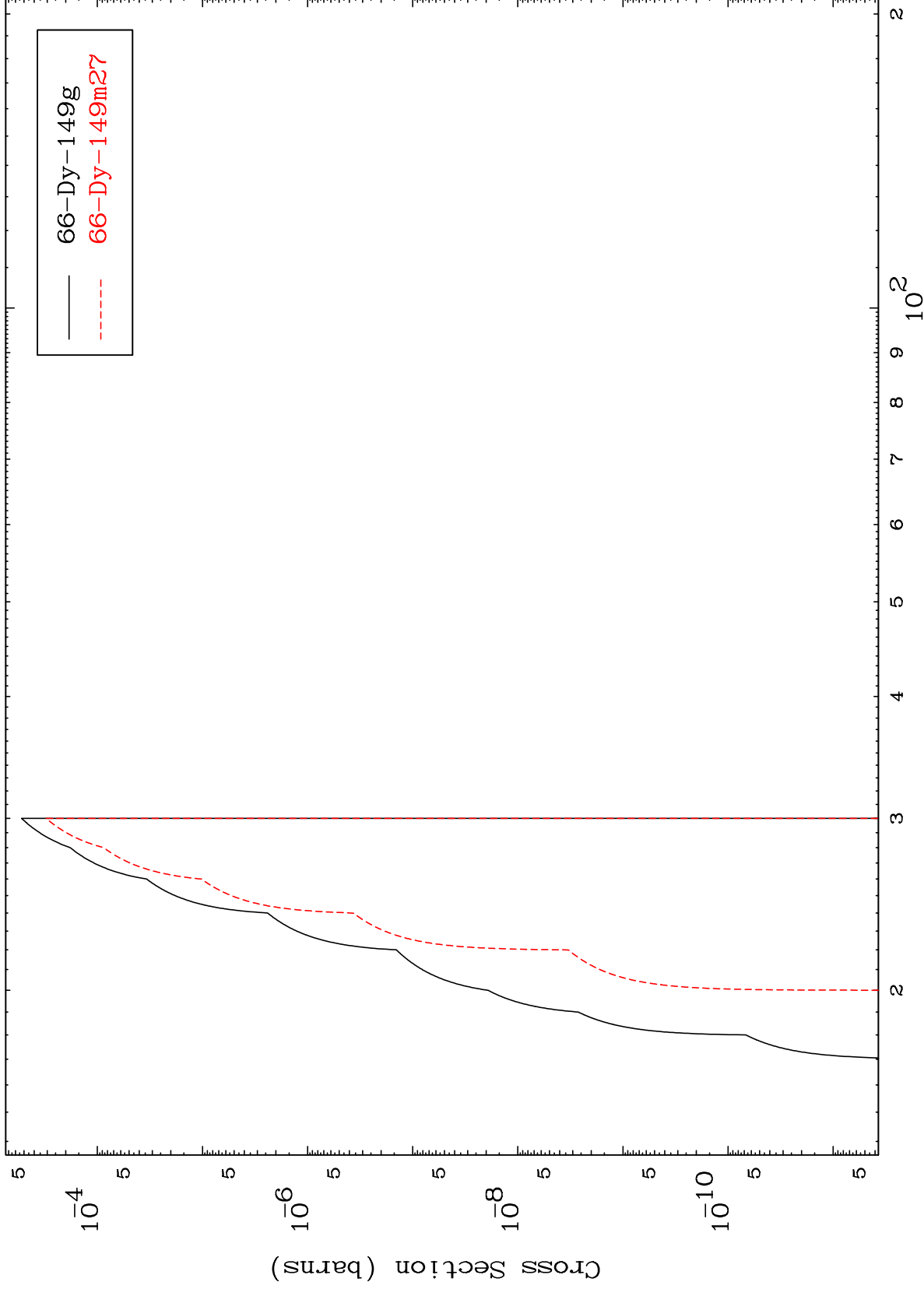
17

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(n,d)

65-Tb-147m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

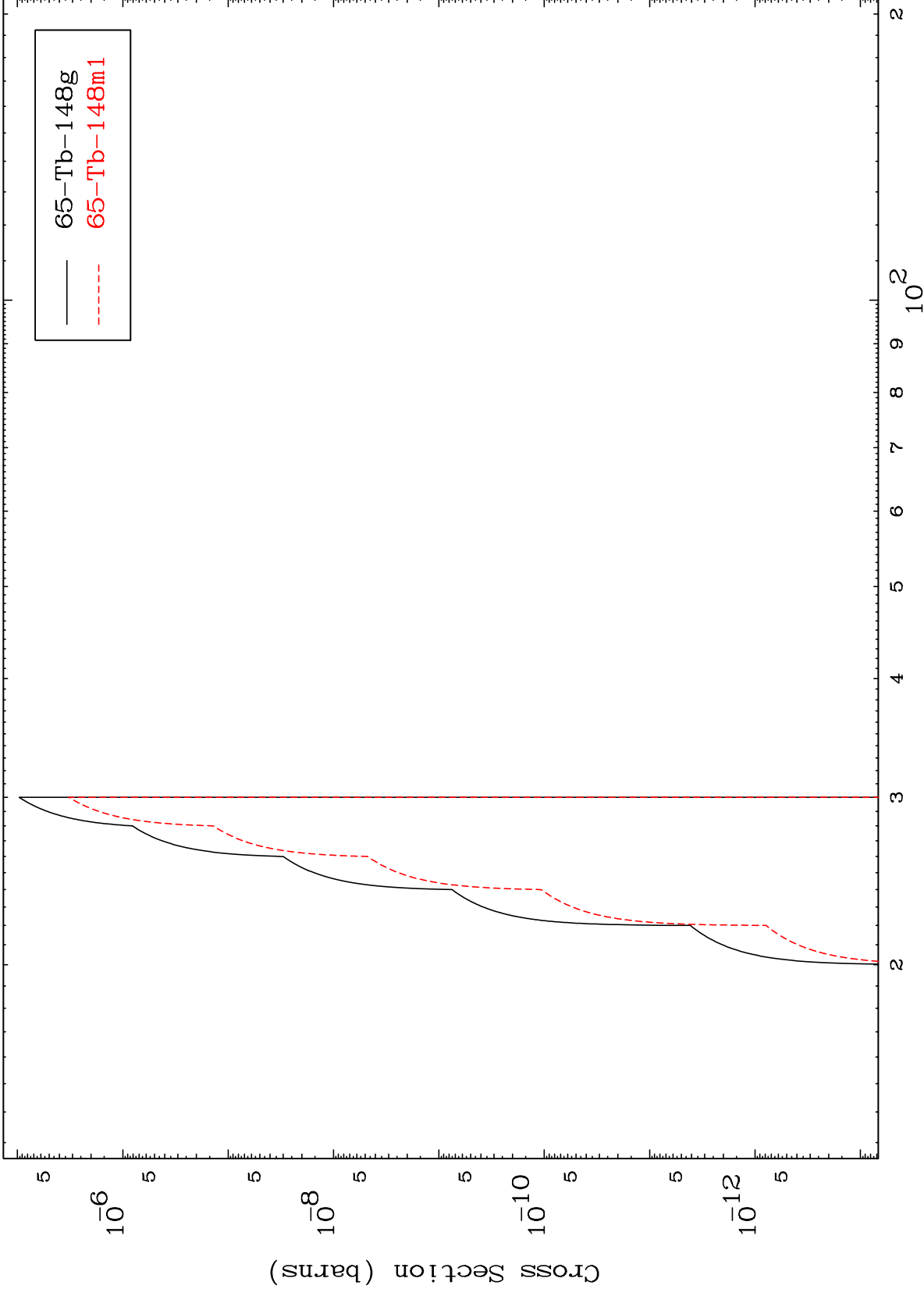
65-Tb-147m

MAT 6490

(n,He-3)

65-Tb-147m

Radionuclide Production Cross Section



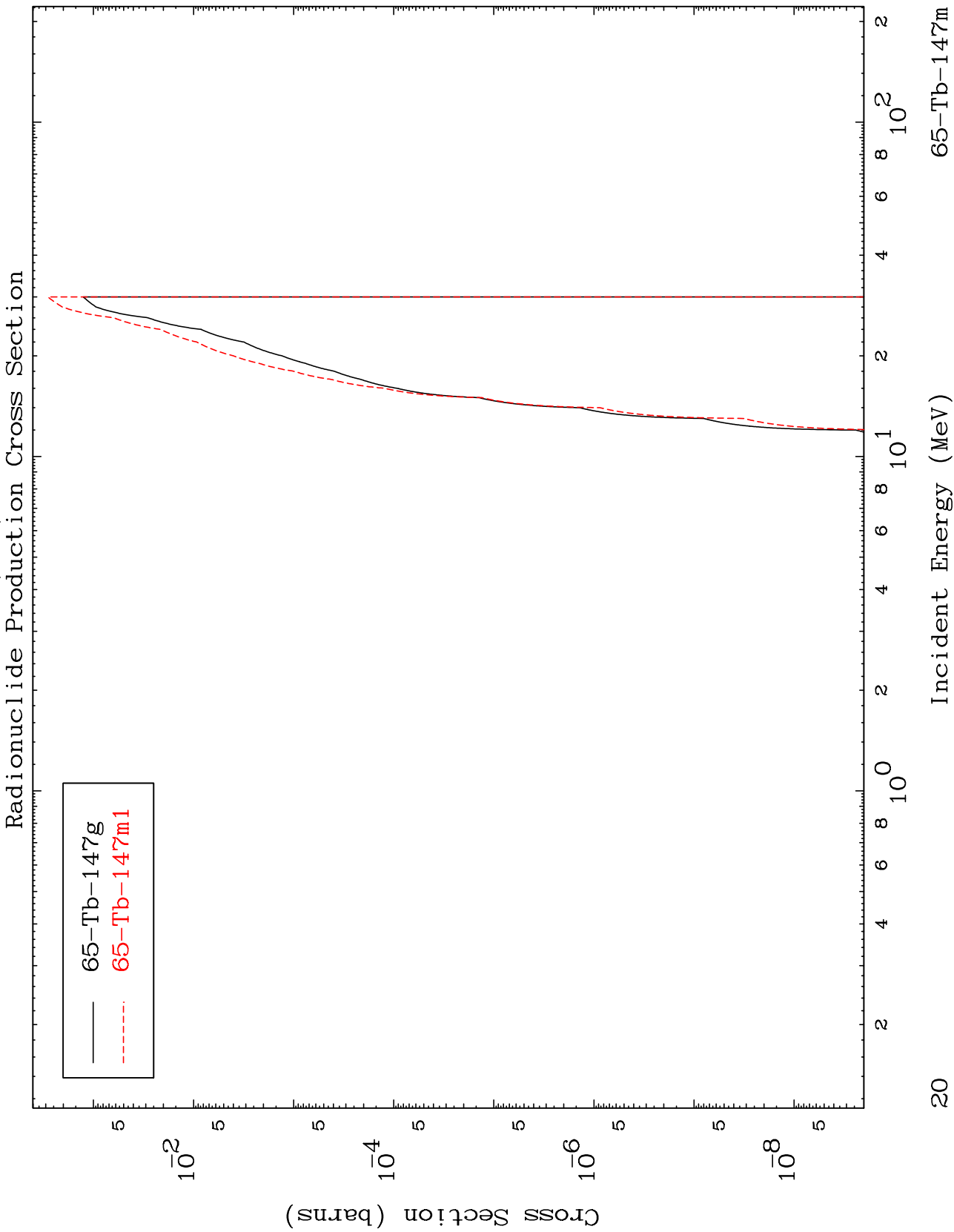
19

Incident Energy (MeV)

65-Tb-147m

MAT 6490

65-Tb-147m

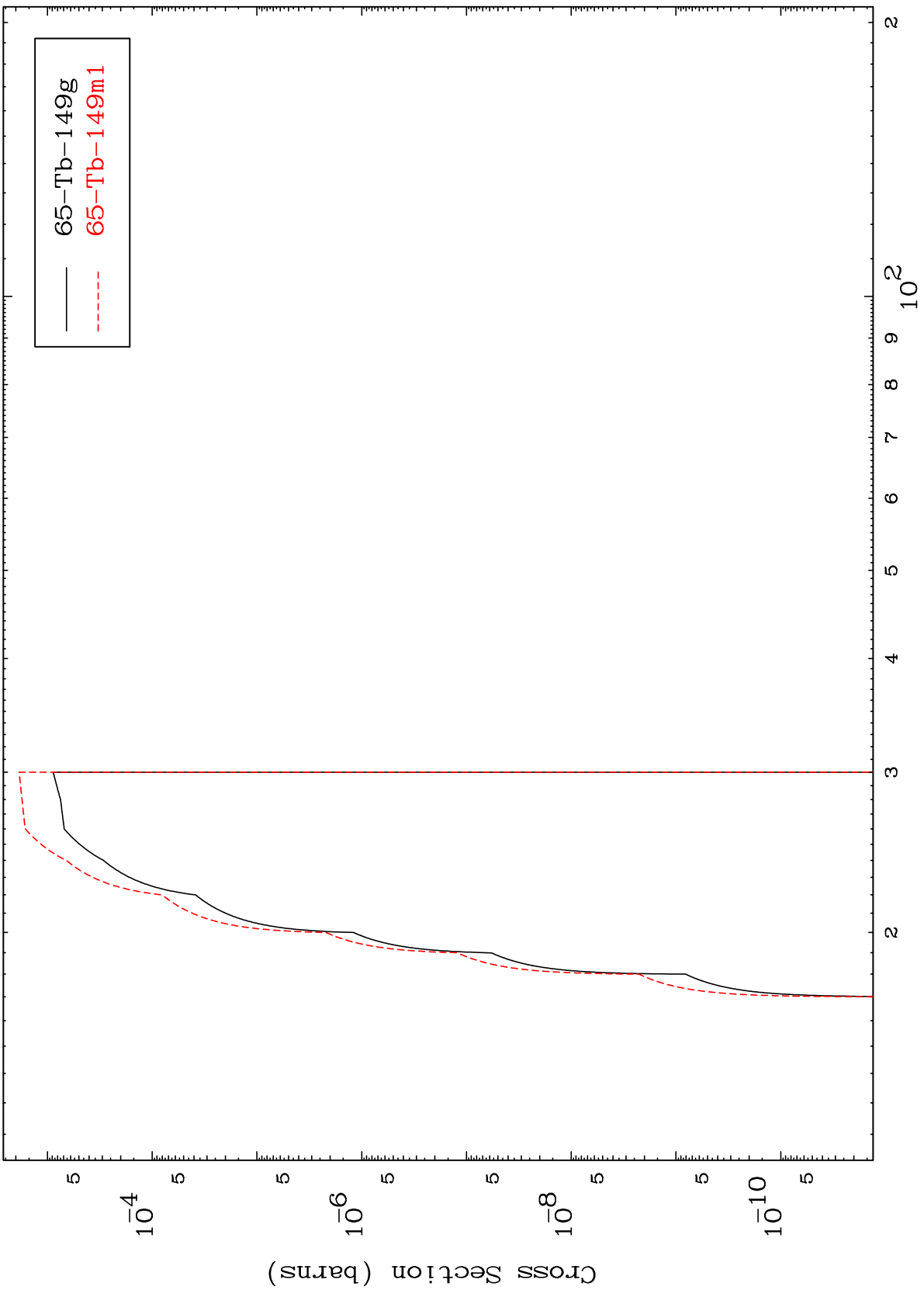


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65-Tb-147m

(n,2p)

Radionuclide Production Cross Section

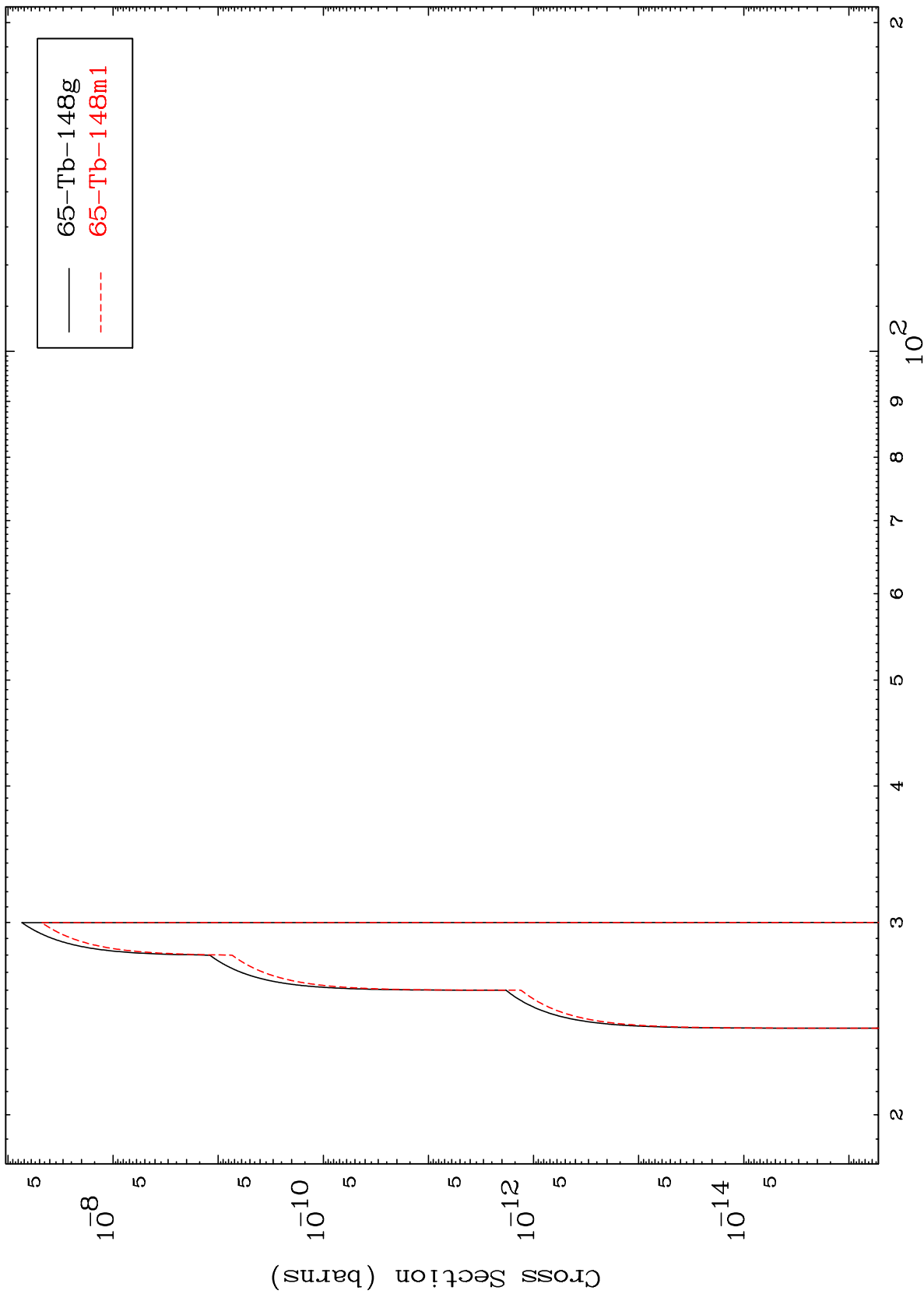


MAT 6490

(n,p) d

65-Tb-147m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

65-Tb-147m