

Program EVALPLOT  
(Version 2021-1)

by

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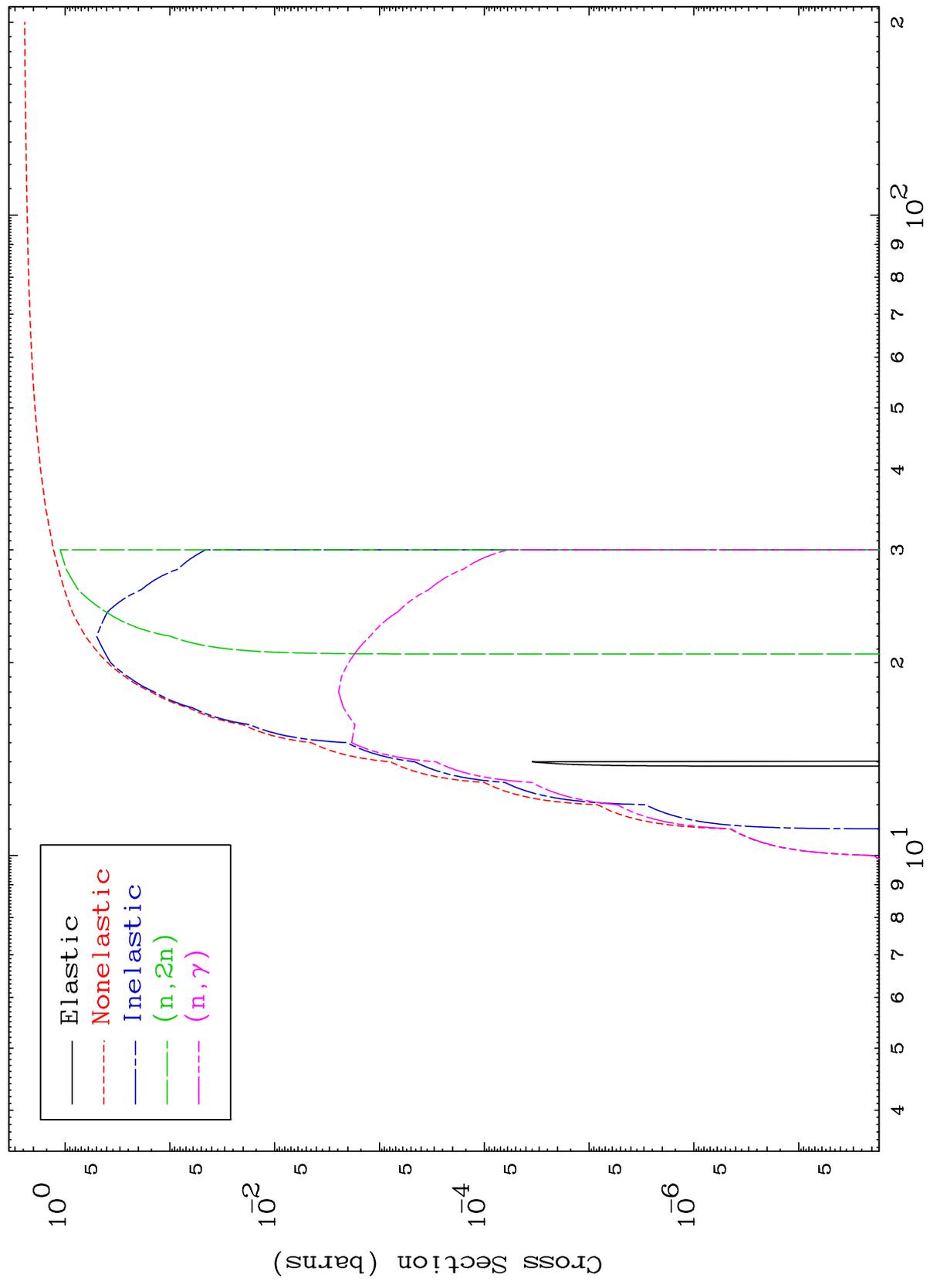
Press Mouse Button to Start

MAT 6416

0 Kelvin

$\alpha$  Major Cross Sections

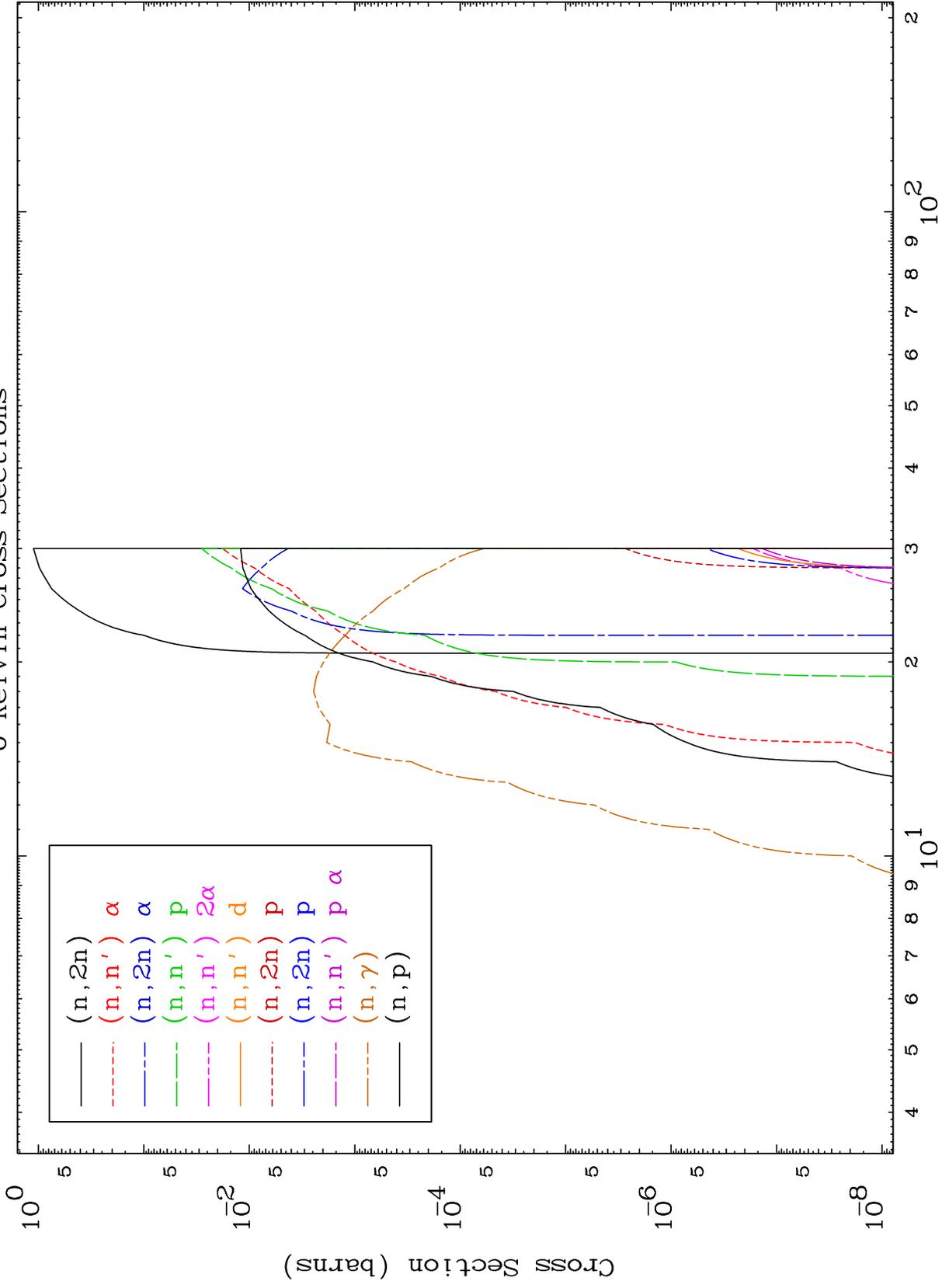
64-Gd-149



1

Incident Energy (MeV)

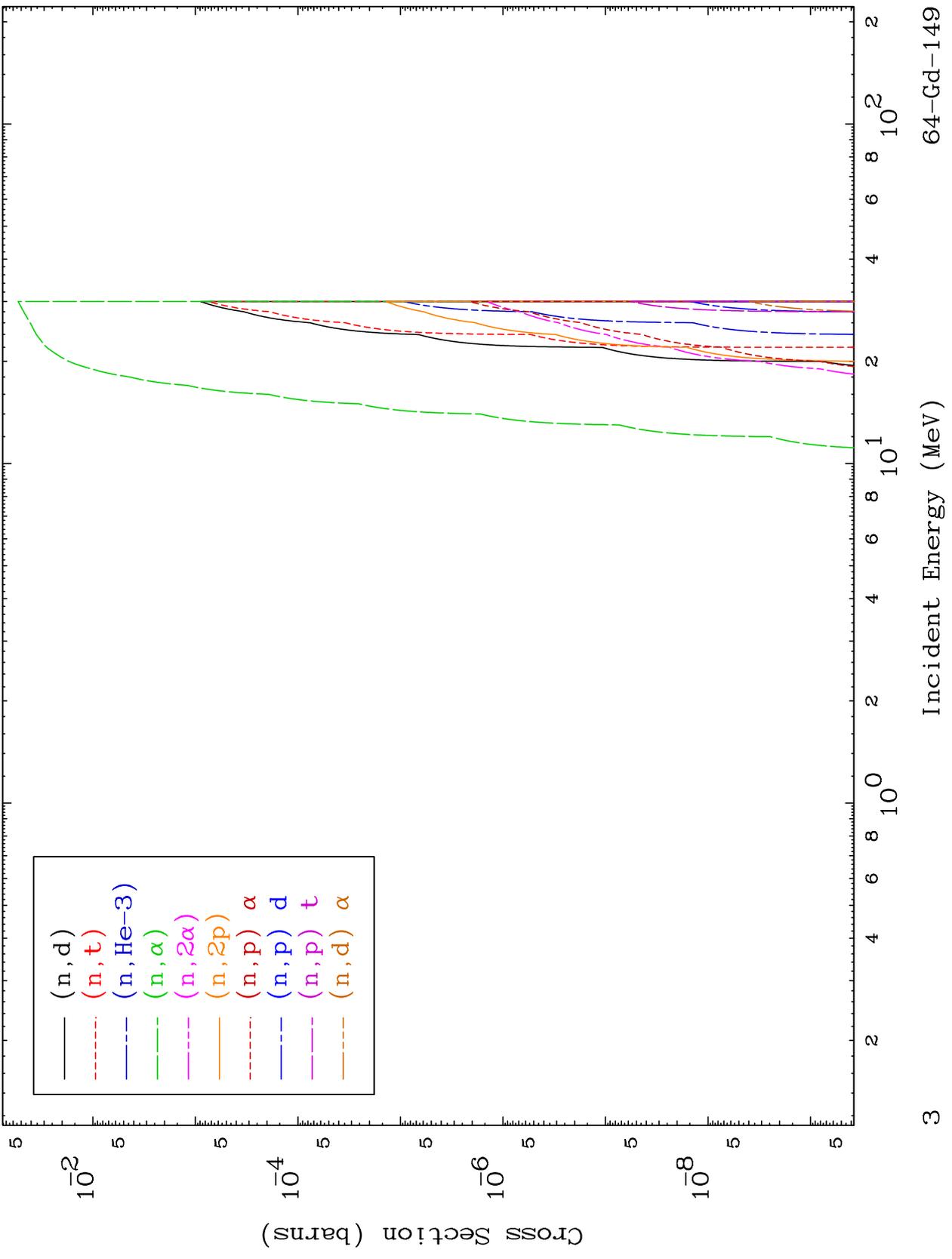
64-Gd-149

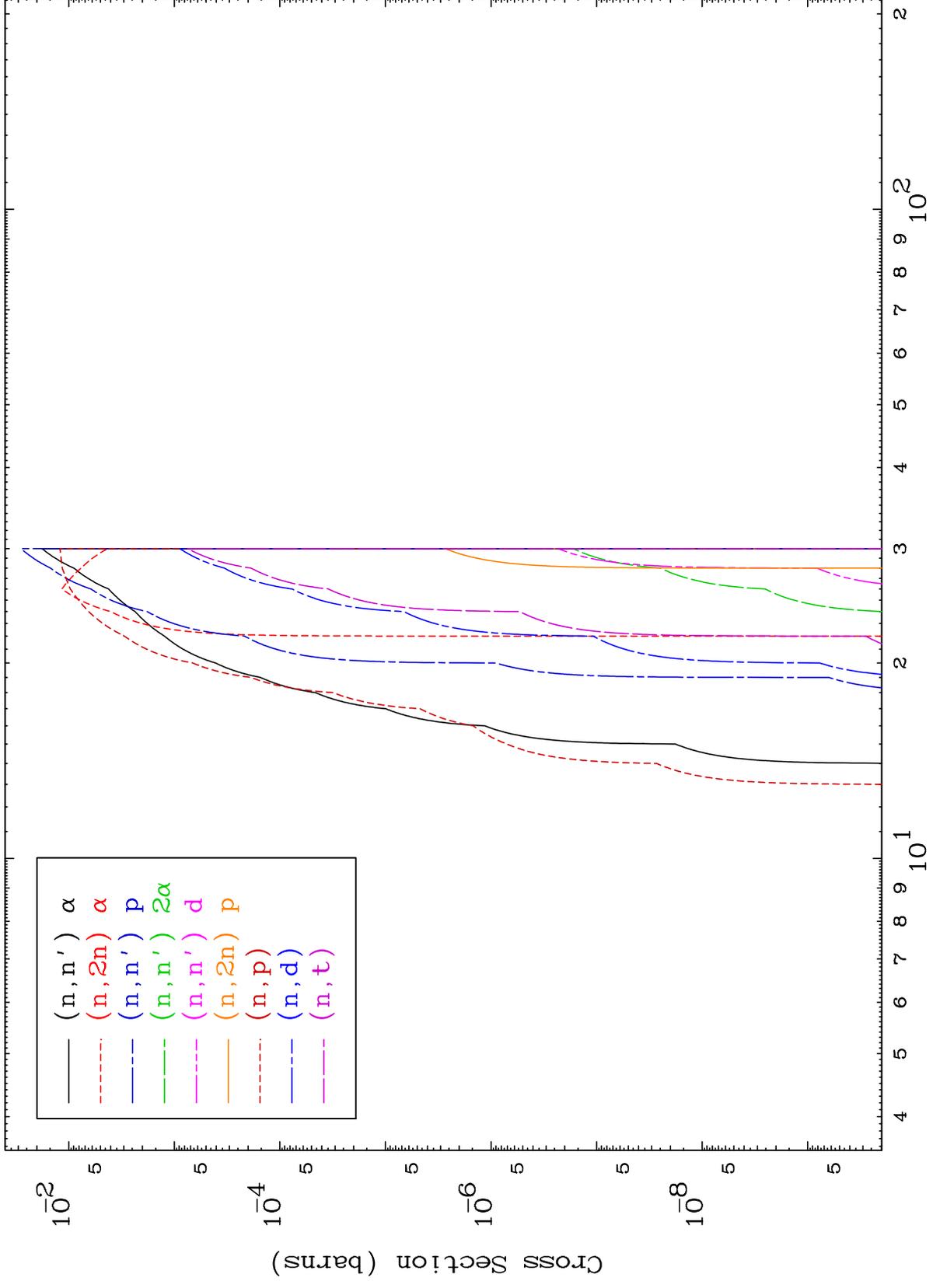


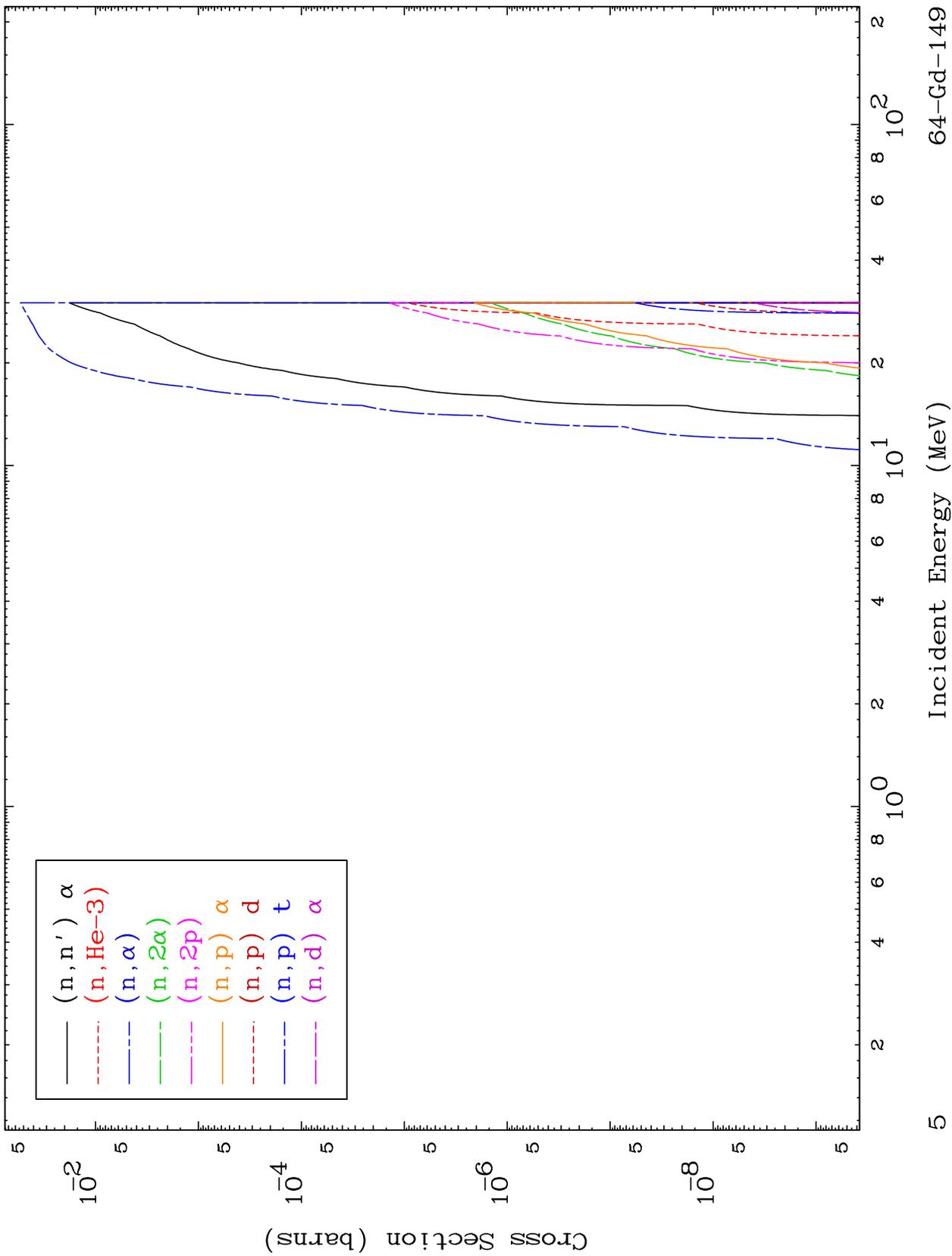
MAT 6416

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

64-Gd-149





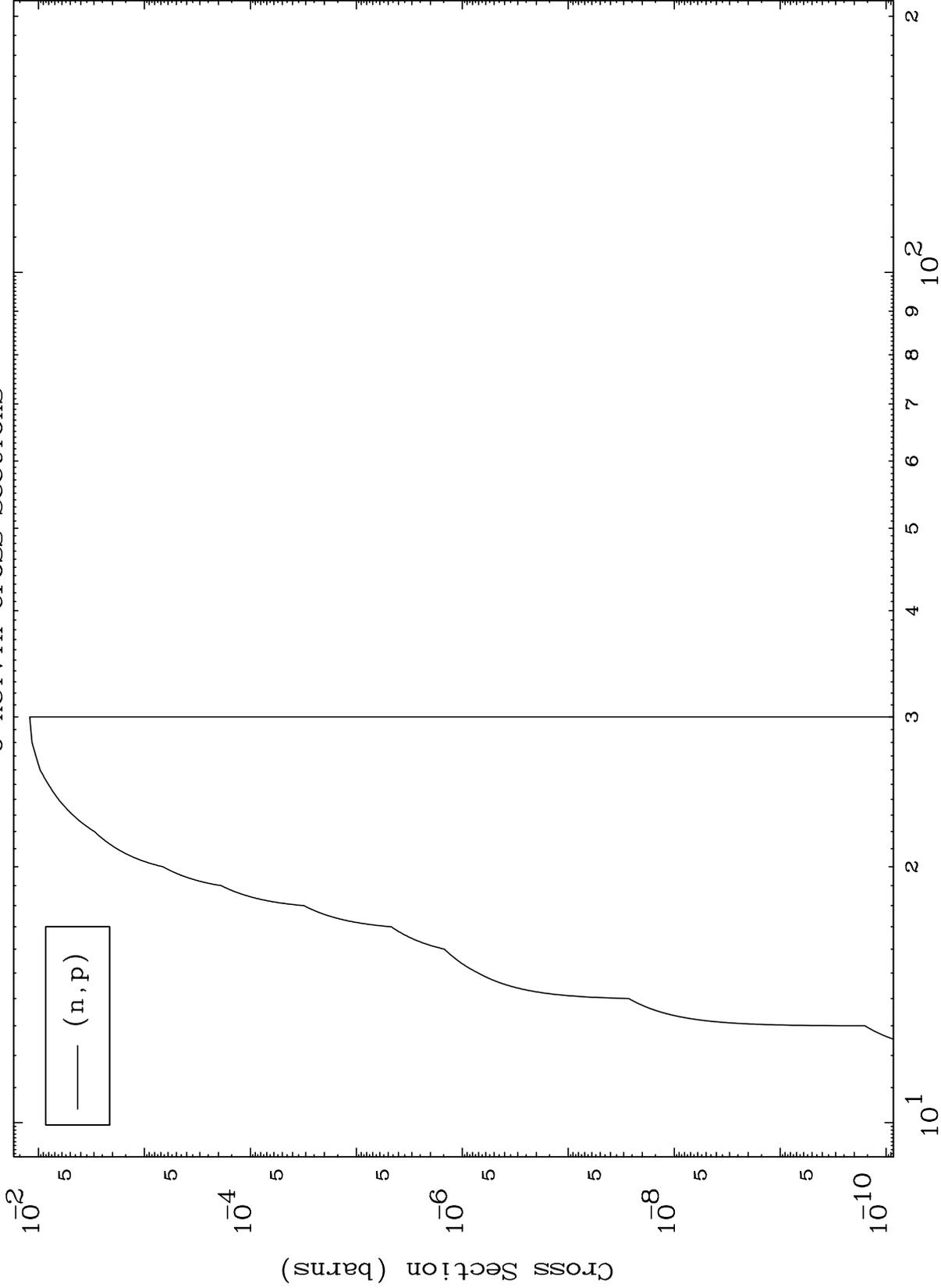


MAT 6416

( $\alpha, p$ ) Levels

64-Gd-149

0 Kelvin Cross Sections



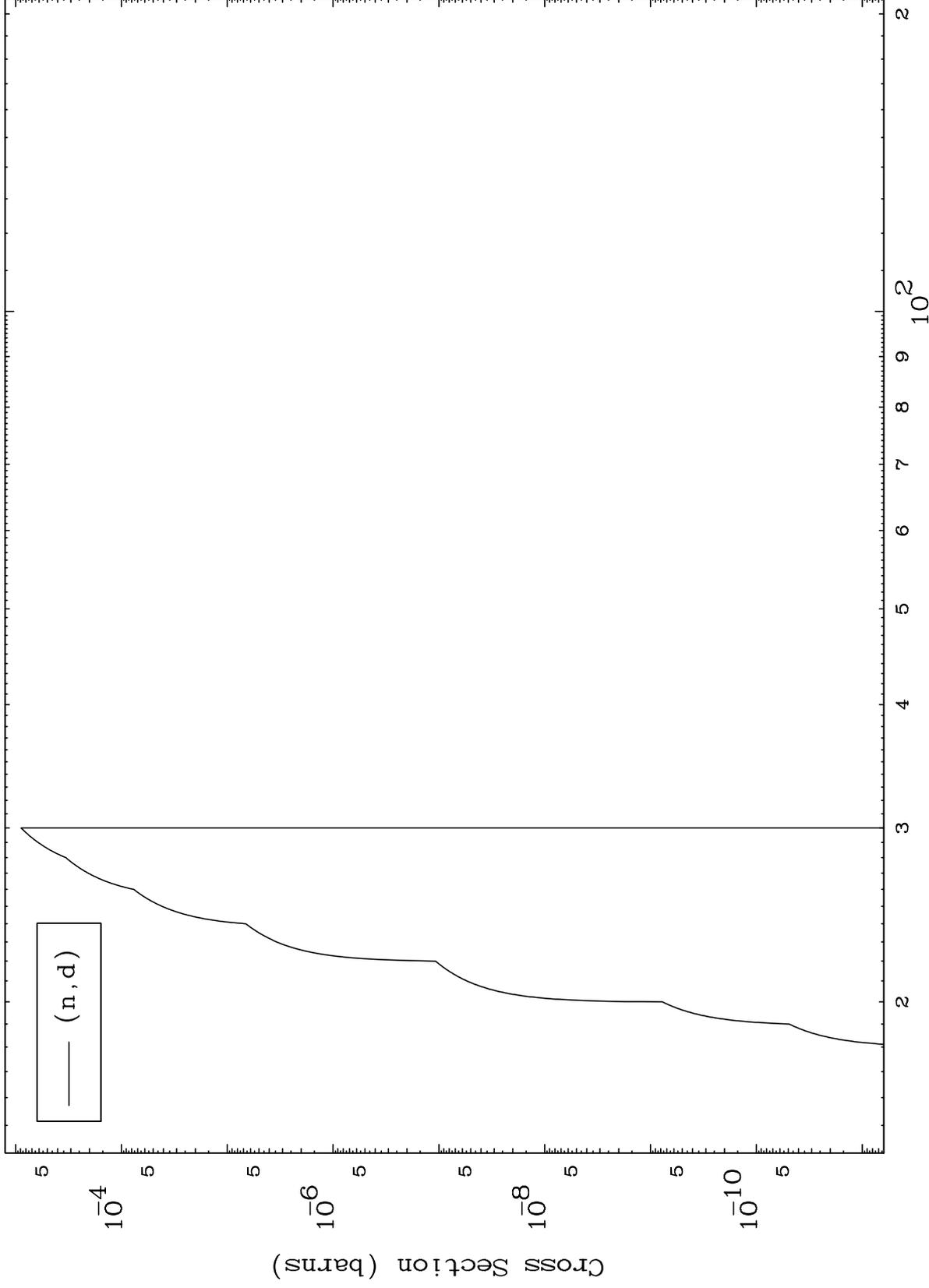
Incident Energy (MeV)

64-Gd-149

MAT 6416

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

64-Gd-149



7

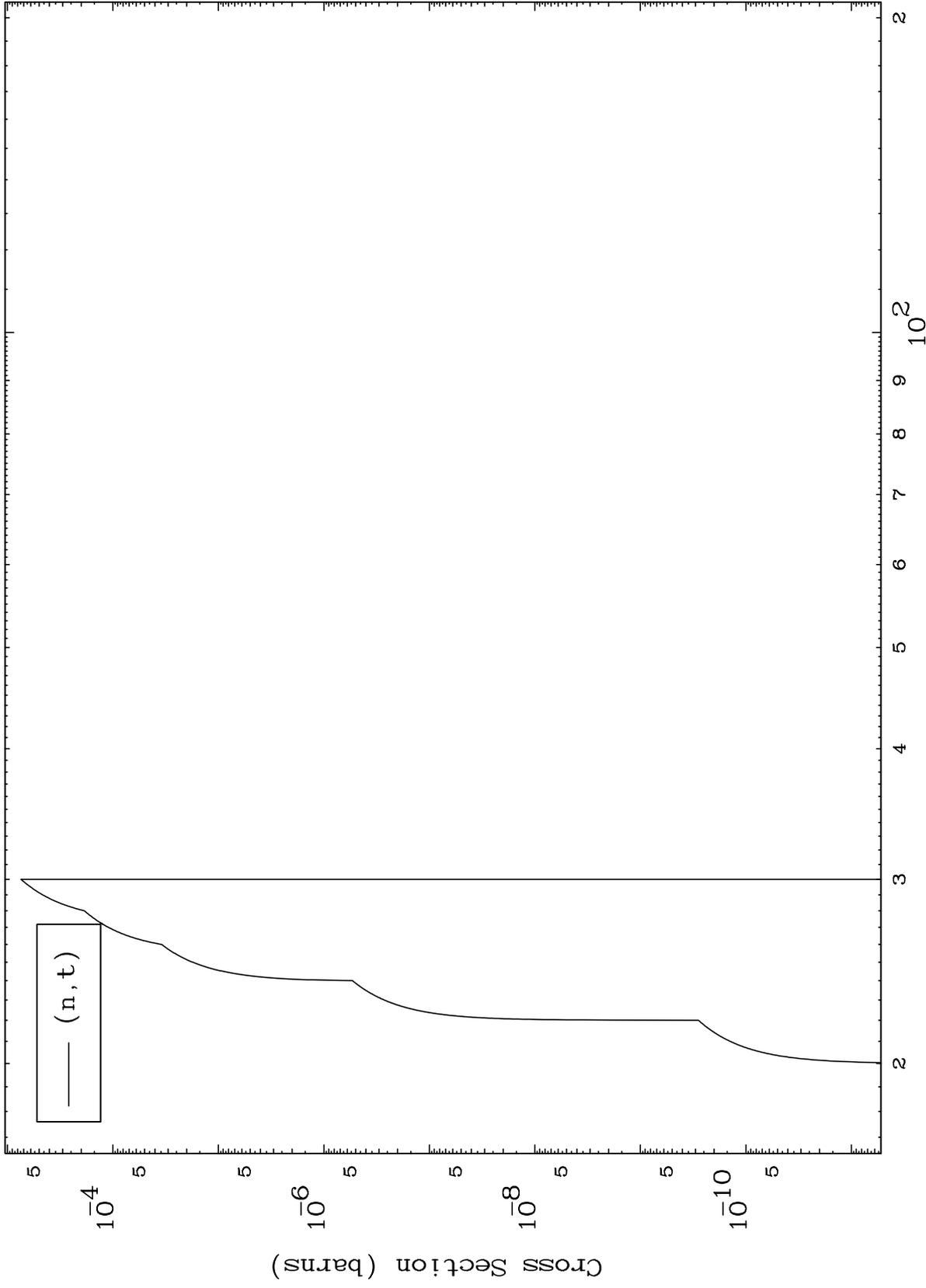
Incident Energy (MeV)

64-Gd-149

MAT 6416

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

64-Gd-149

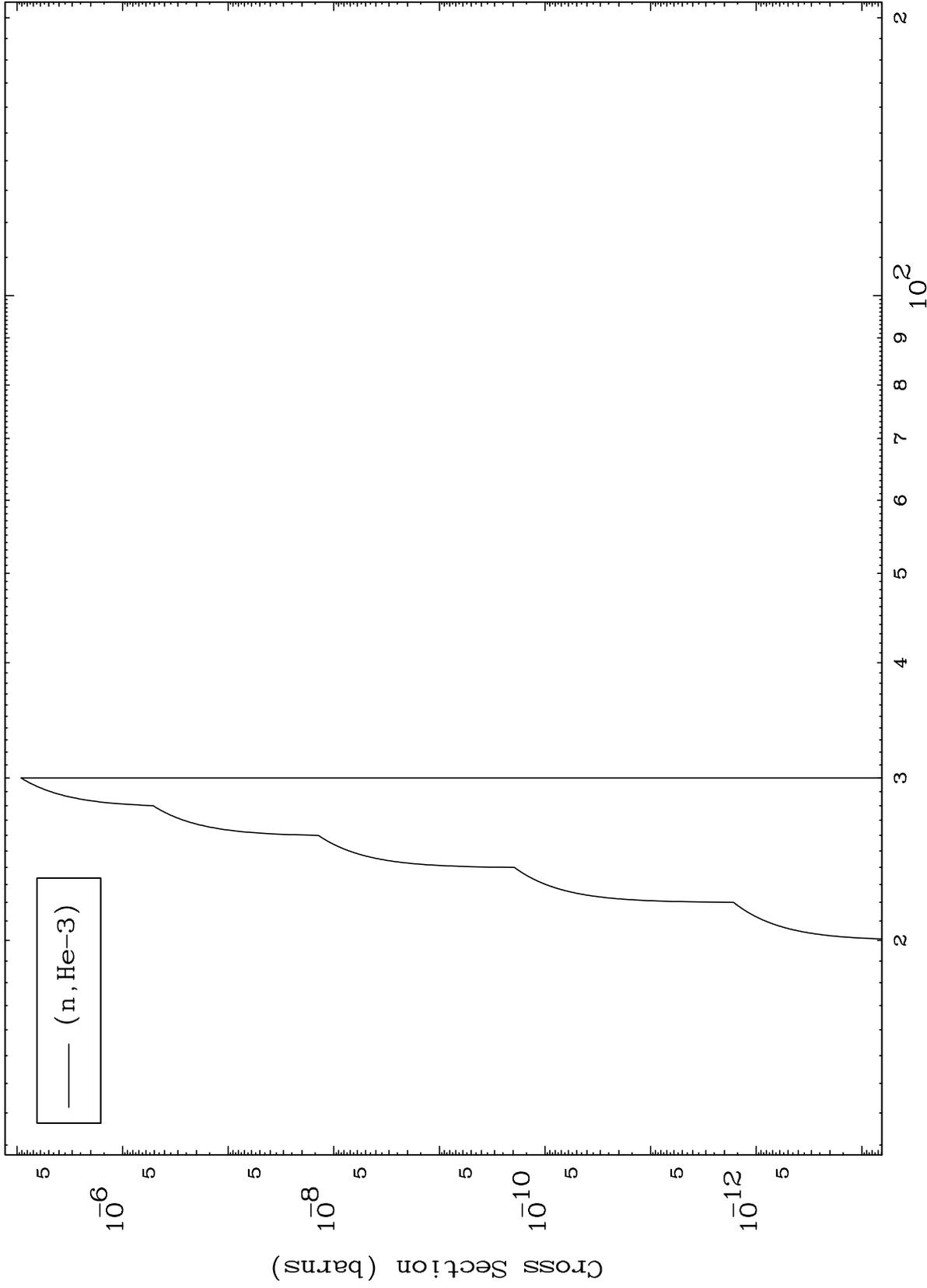


8

Incident Energy (MeV)

64-Gd-149

( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

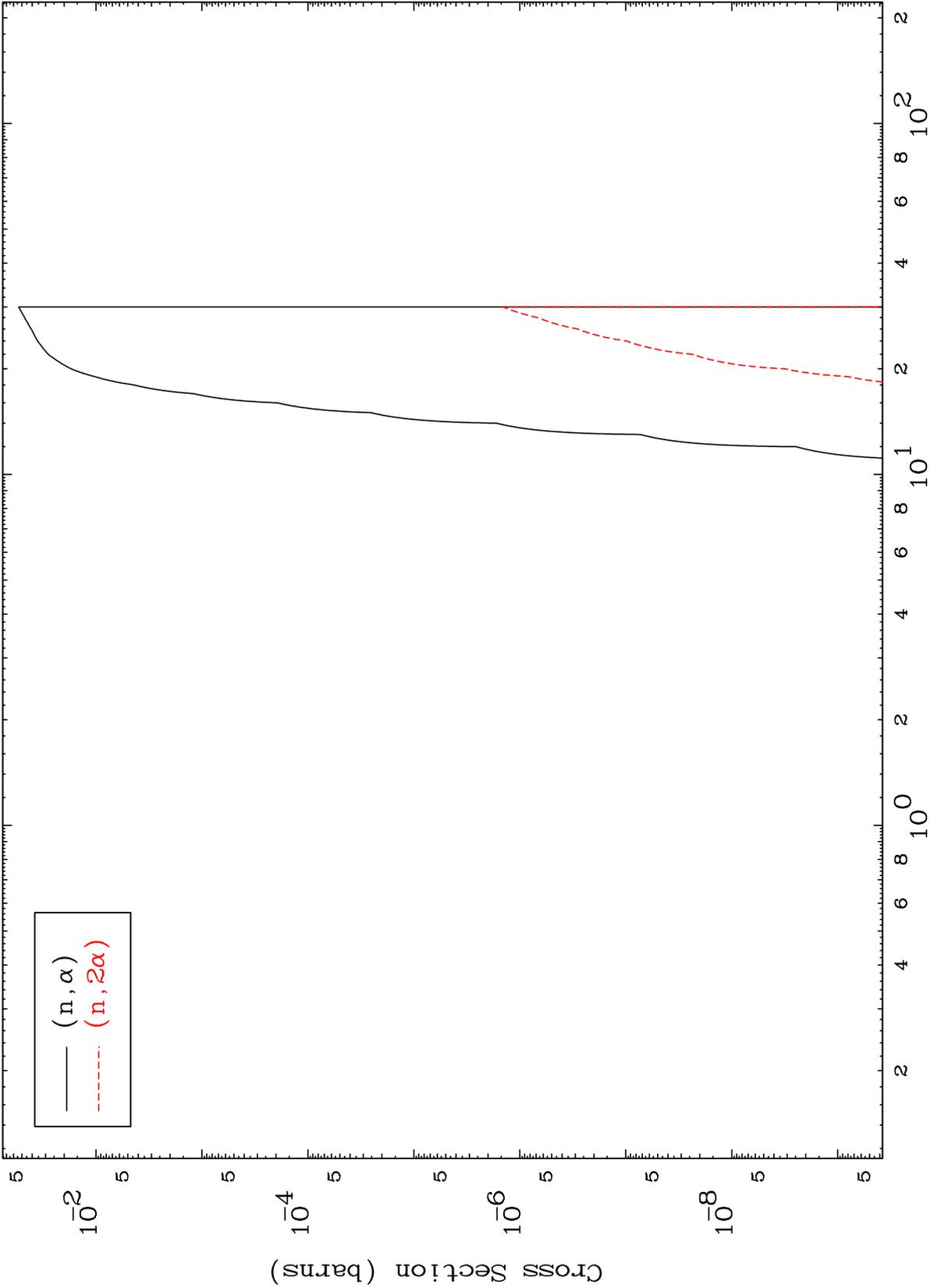


MAT 6416

( $\alpha, \alpha$ ) Levels

64-Gd-149

0 Kelvin Cross Sections



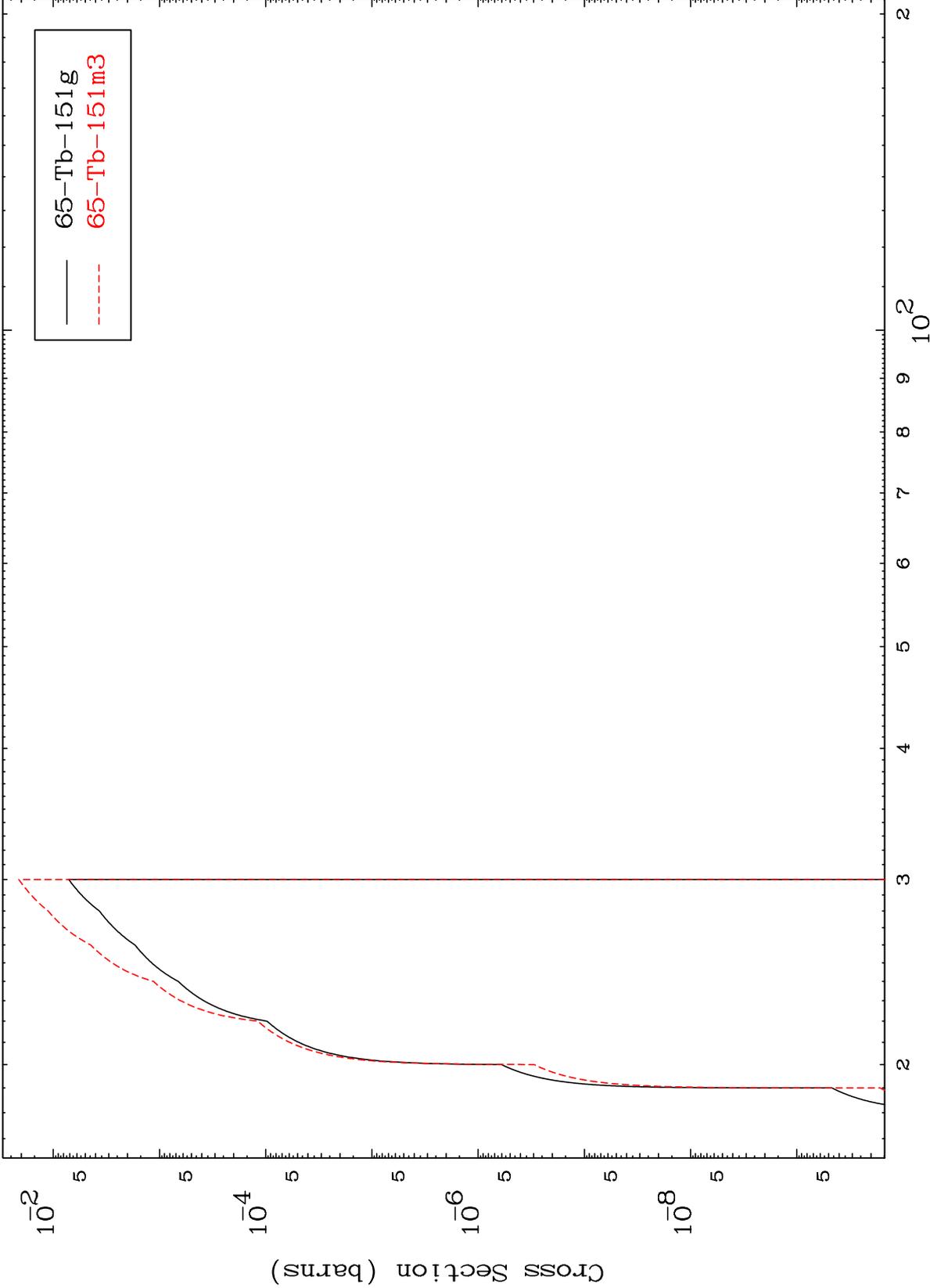
— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

64-Gd-149

Radionuclide Production Cross Section

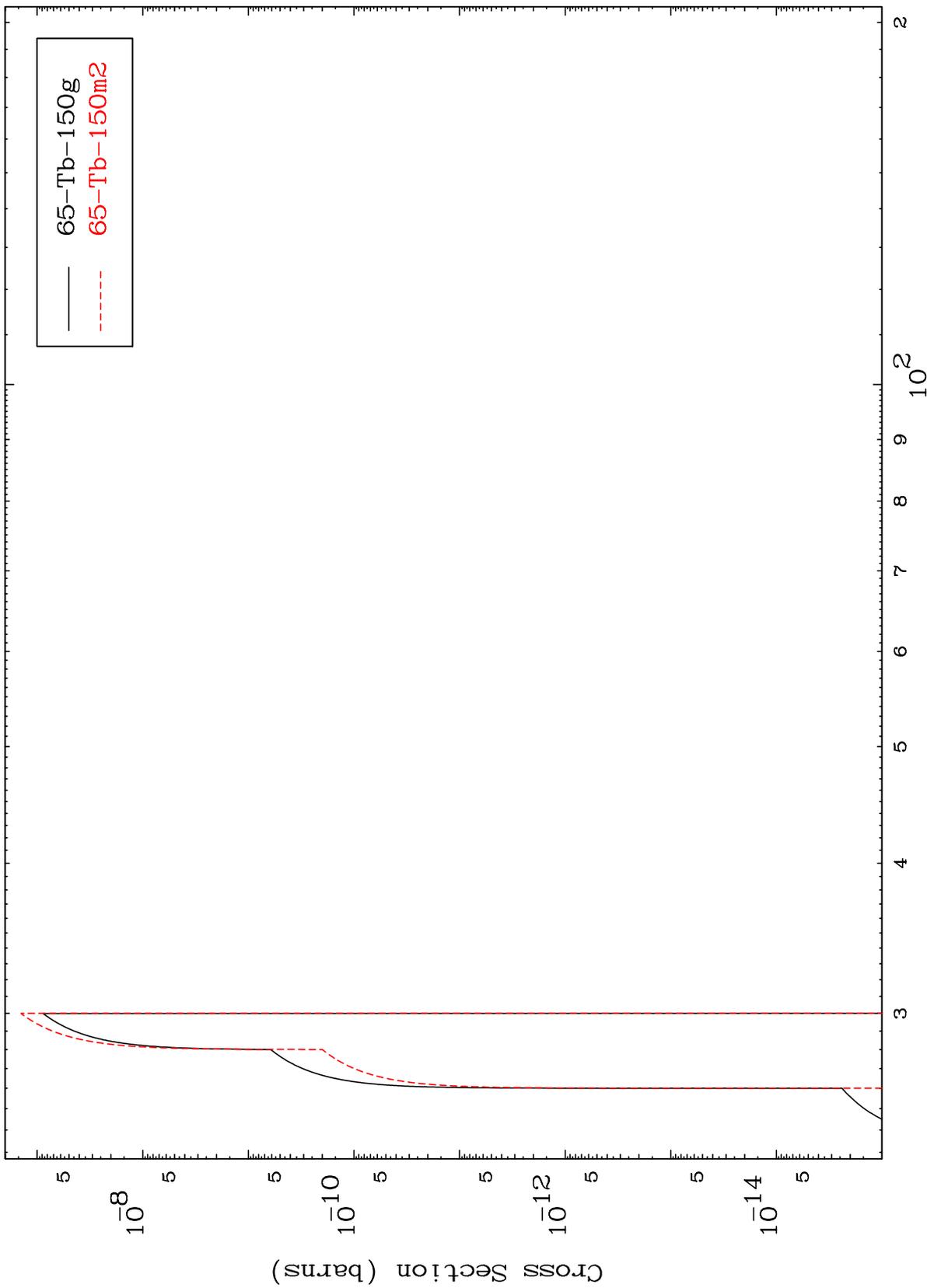


MAT 6416

(n,n') d

64-Gd-149

Radionuclide Production Cross Section



12

Incident Energy (MeV)

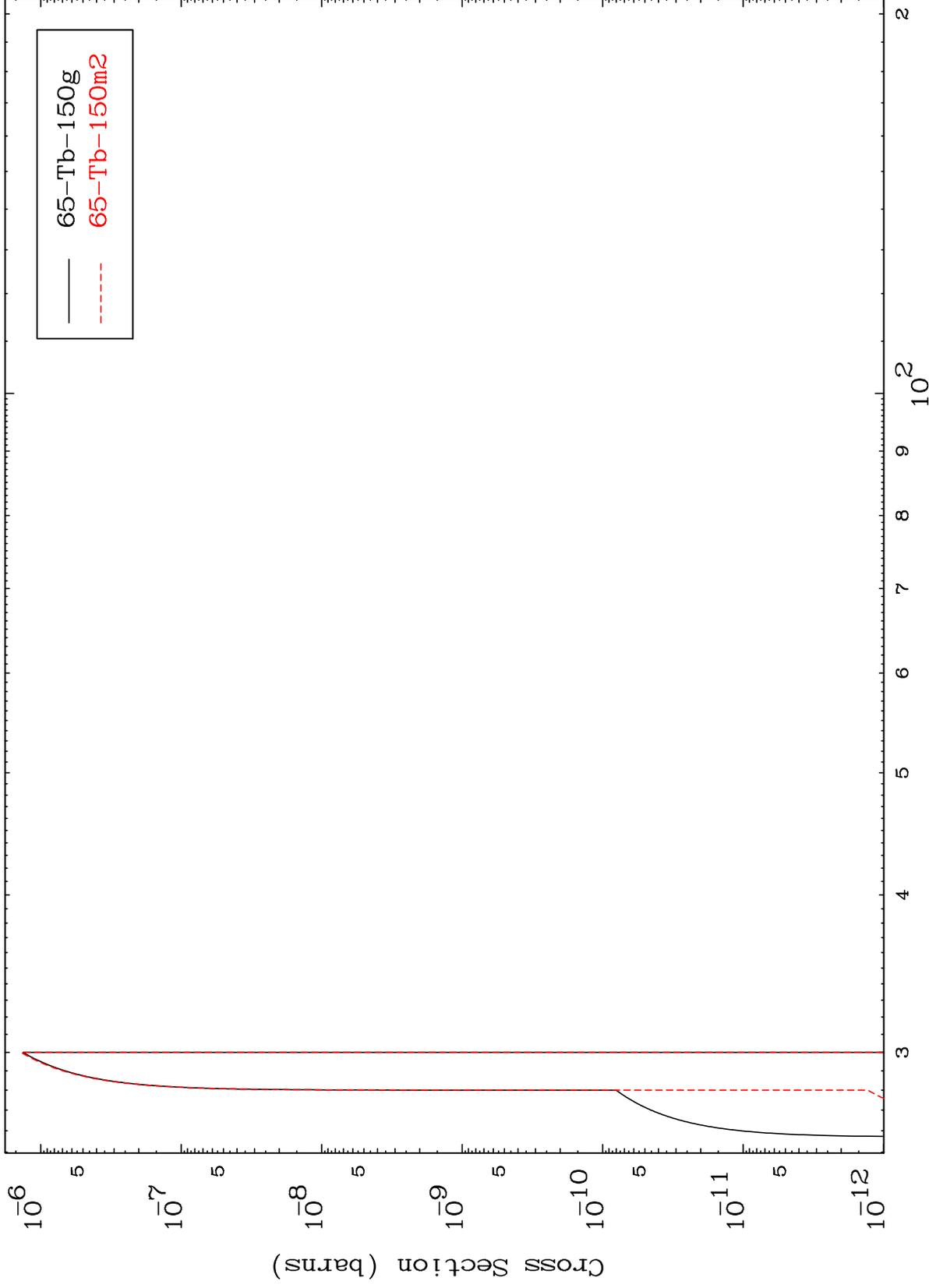
64-Gd-149

MAT 6416

(n,2n) p

64-Gd-149

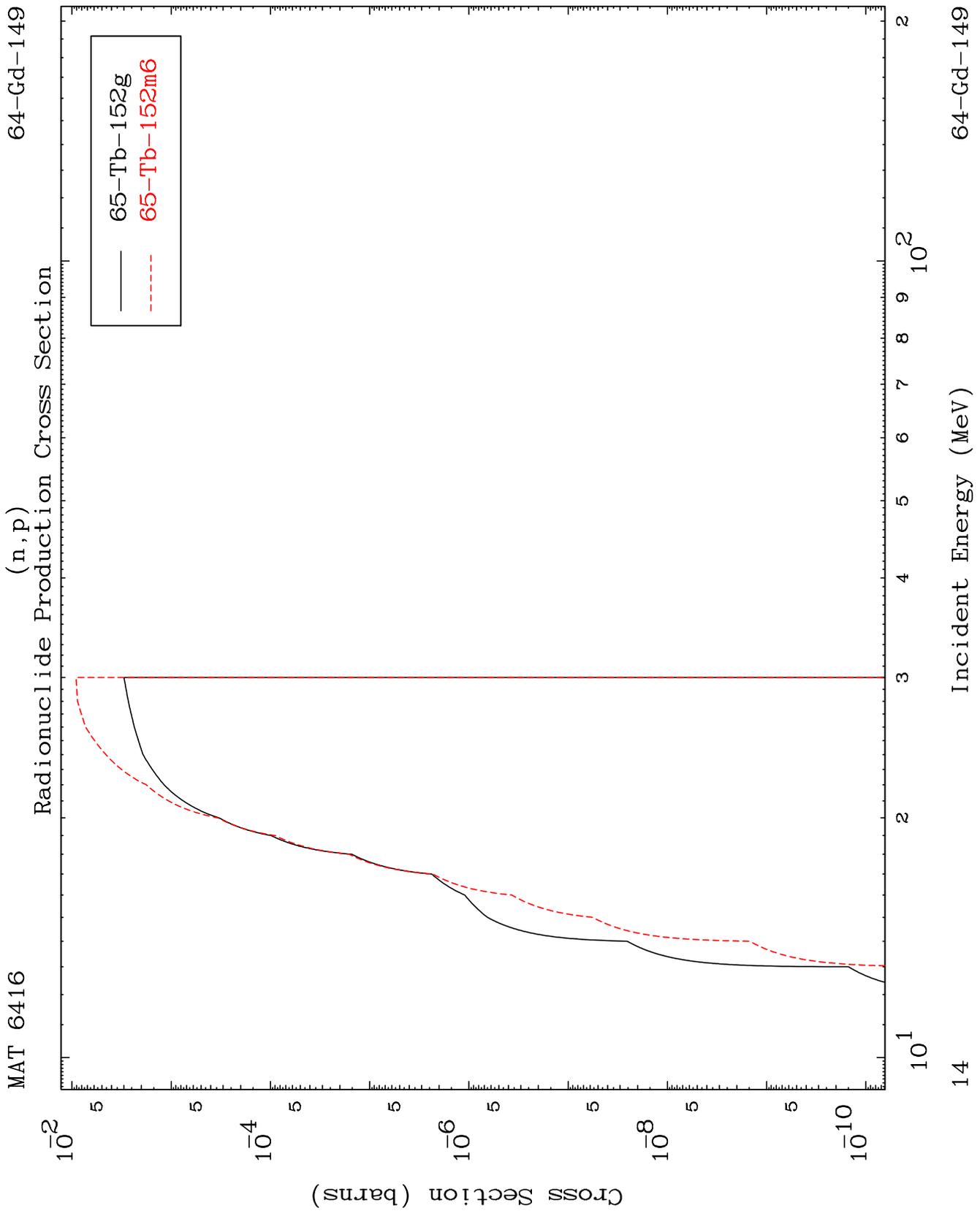
Radionuclide Production Cross Section



13

Incident Energy (MeV)

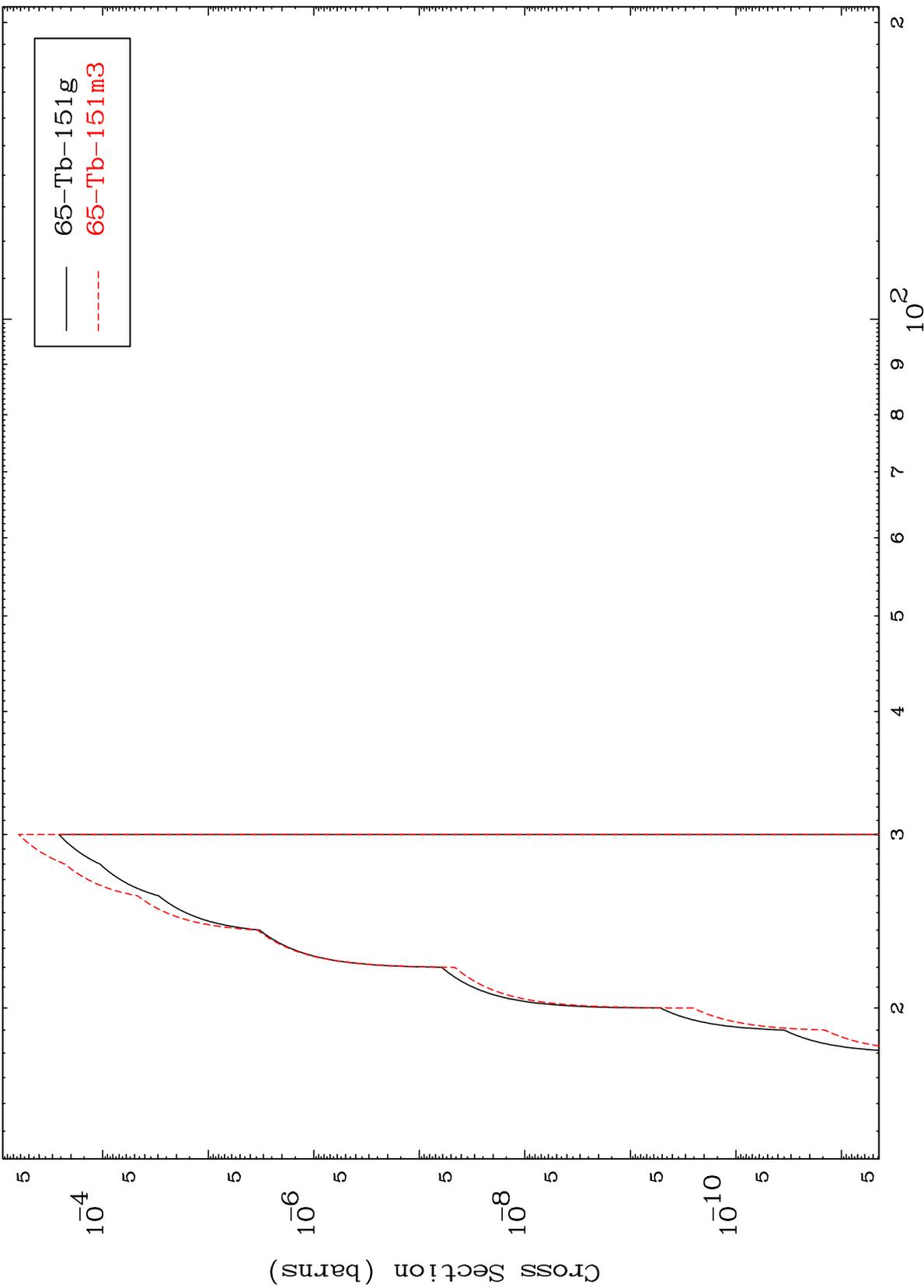
64-Gd-149



MAT 6416

64-Gd-149

(n,d)  
Radionuclide Production Cross Section



15

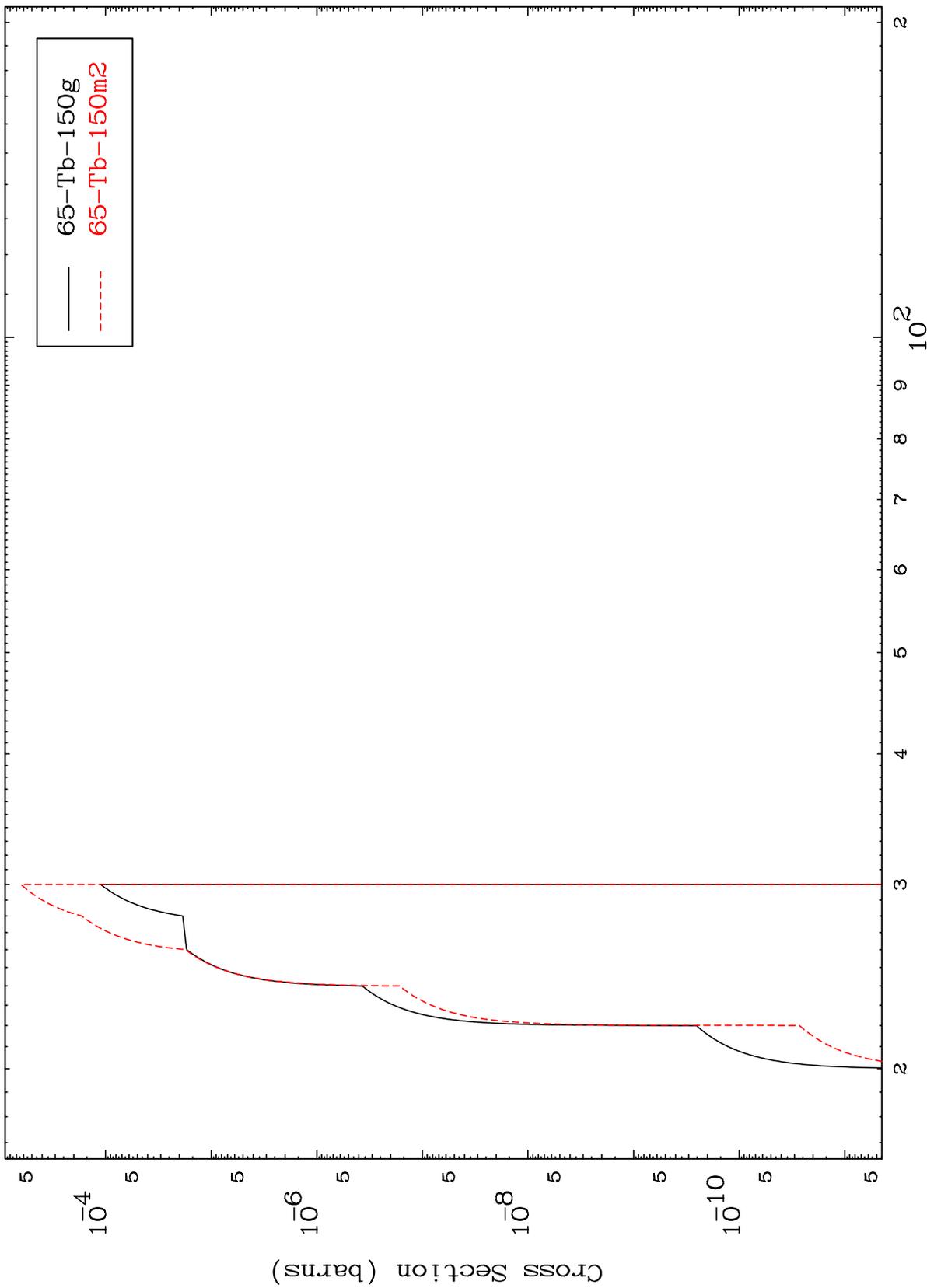
Incident Energy (MeV)

64-Gd-149

MAT 6416

64-Gd-149

(n,t)  
Radionuclide Production Cross Section



16

64-Gd-149

Incident Energy (MeV)