

Program EVALPLOT  
(Version 2021-1)

by

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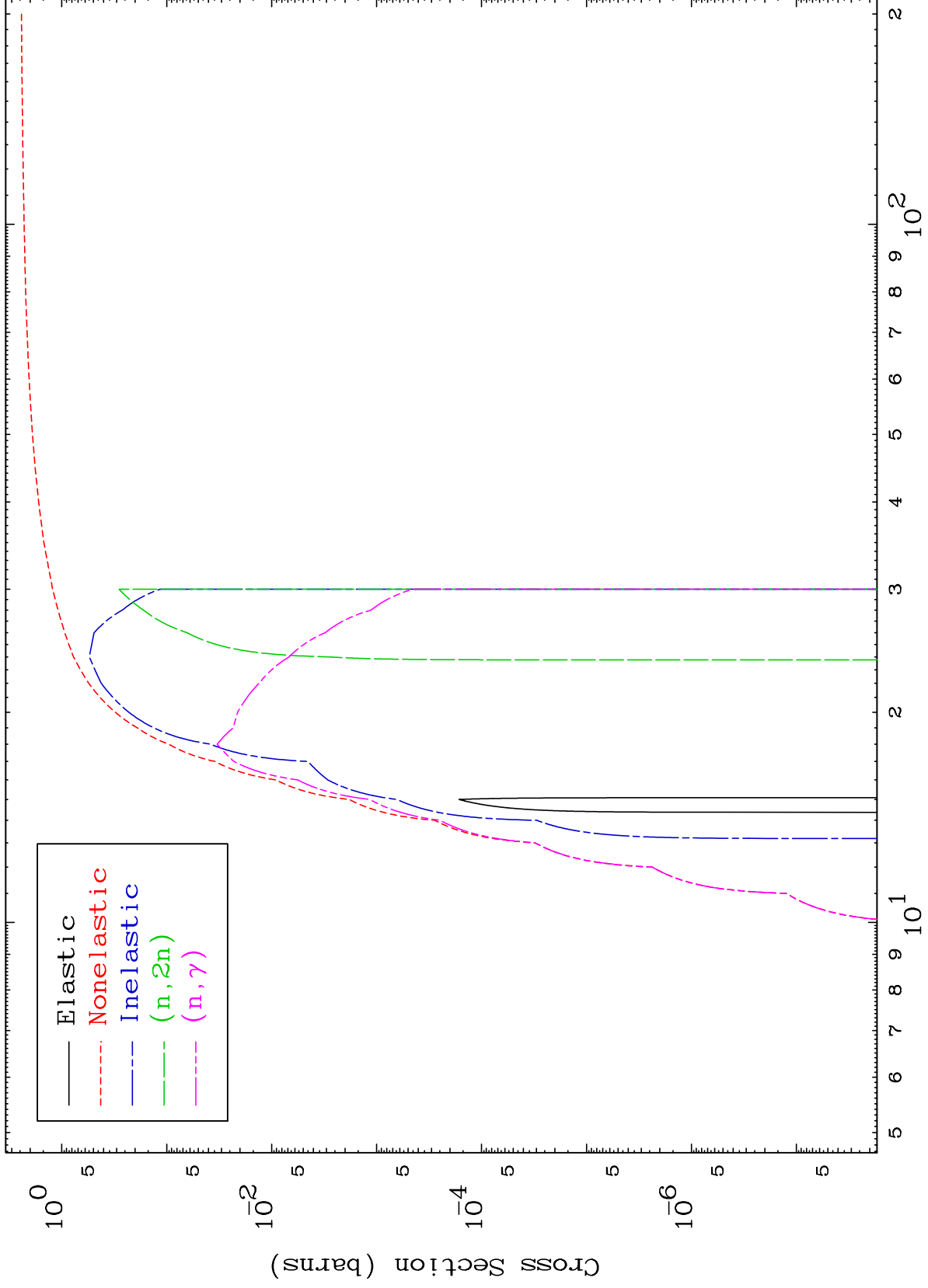
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6604

0 Kelvin Cross Sections

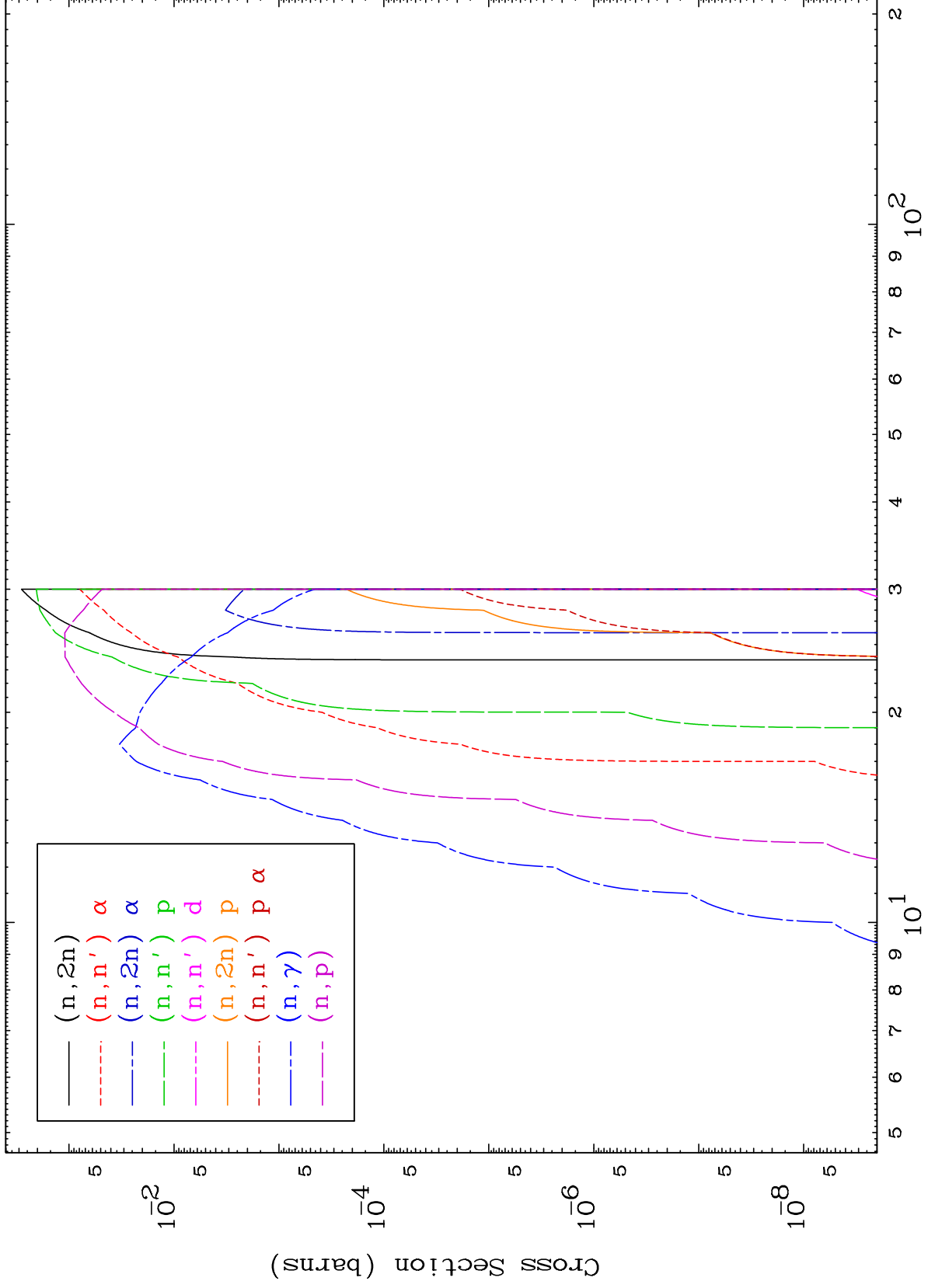
66-Dy-149



1

Incident Energy (MeV)

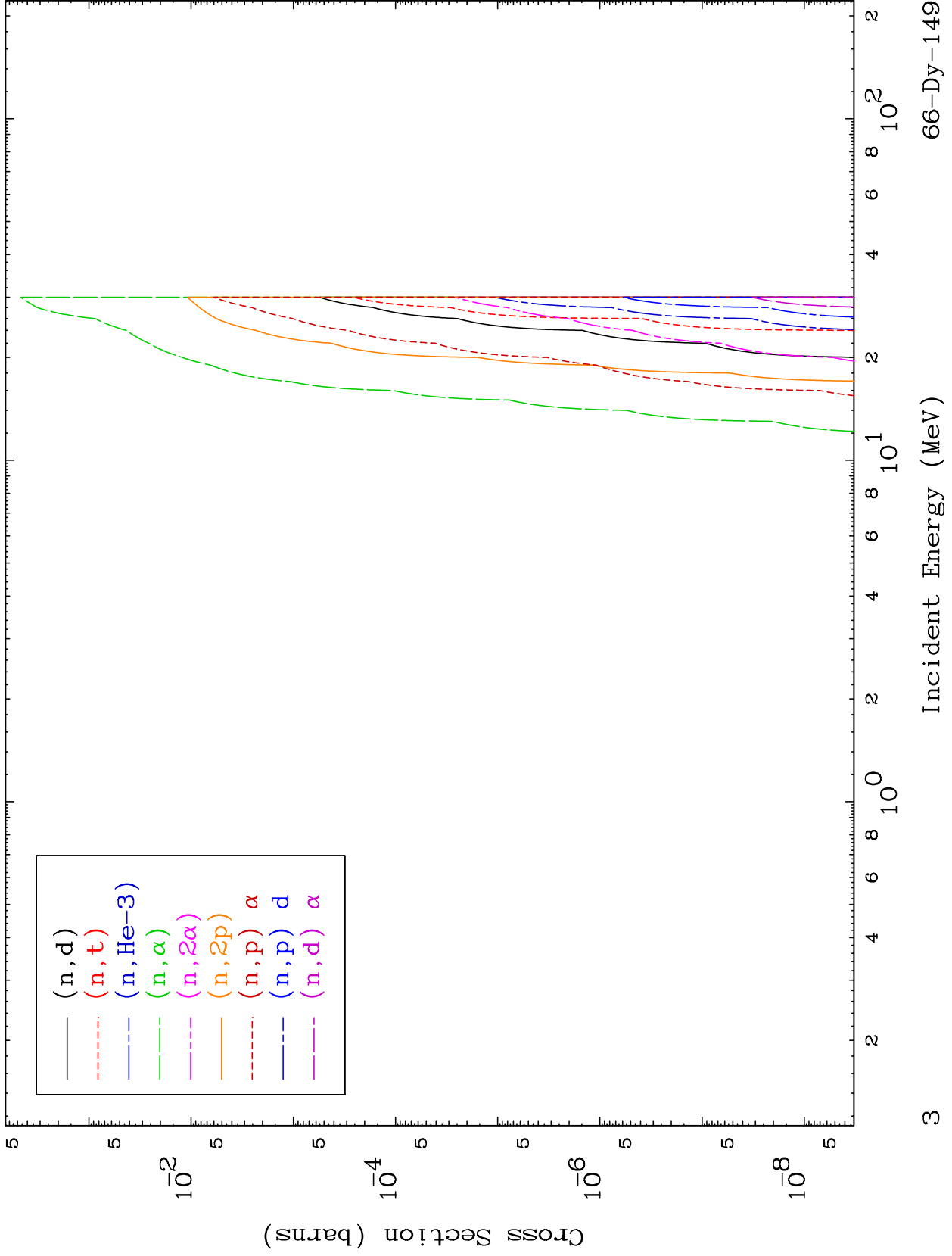
66-Dy-149

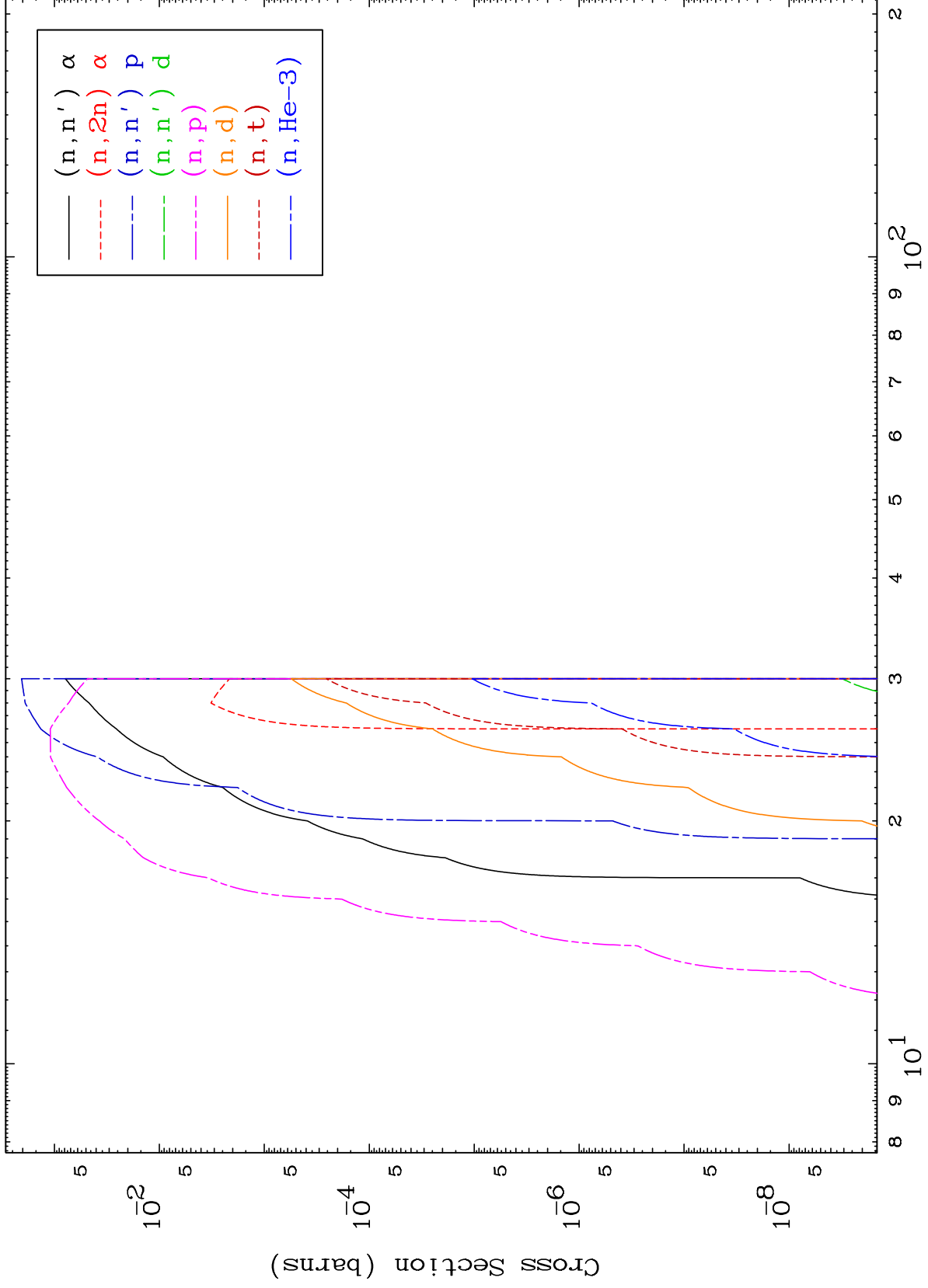


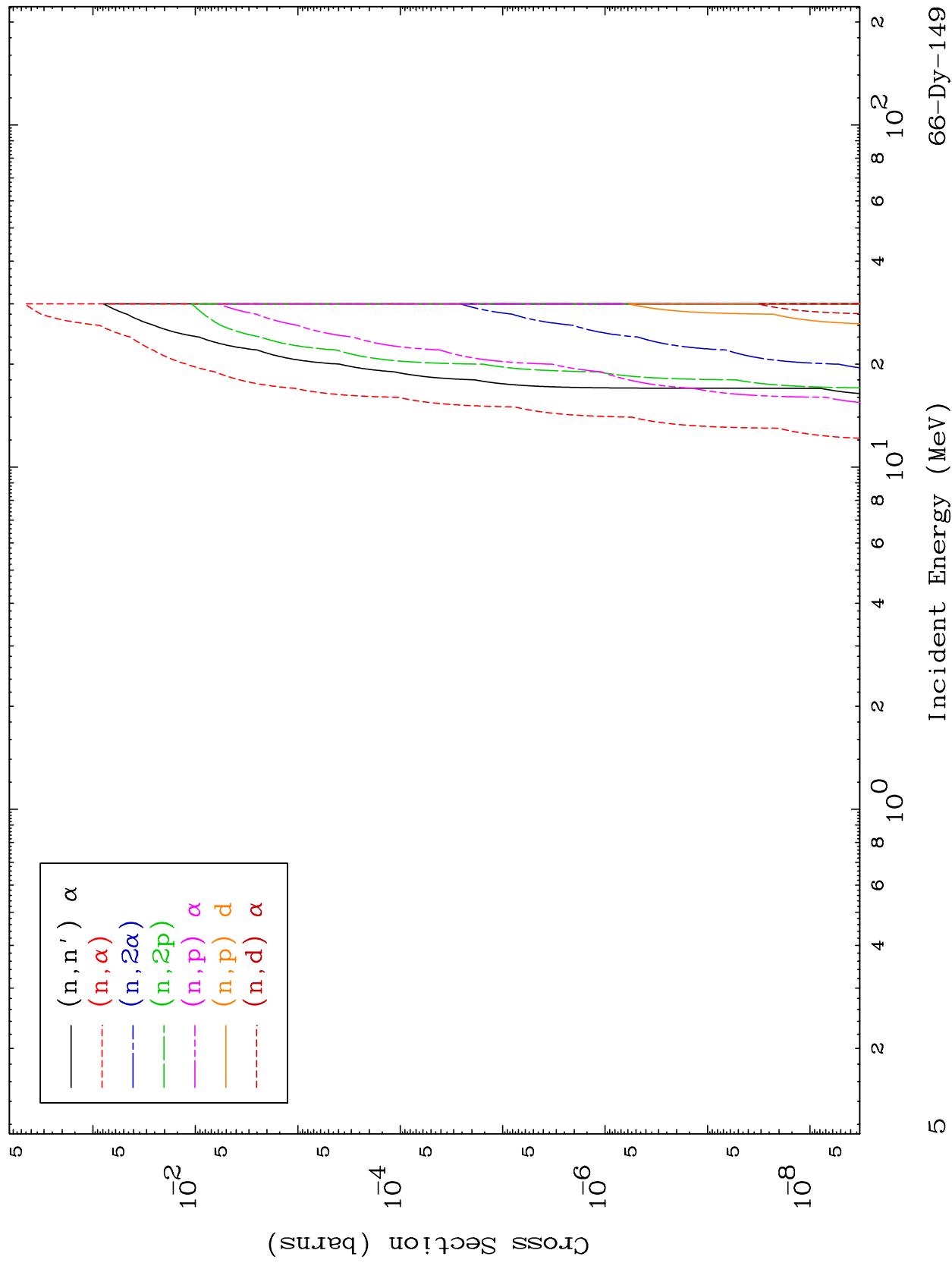
MAT 6604

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

66-Dy-149





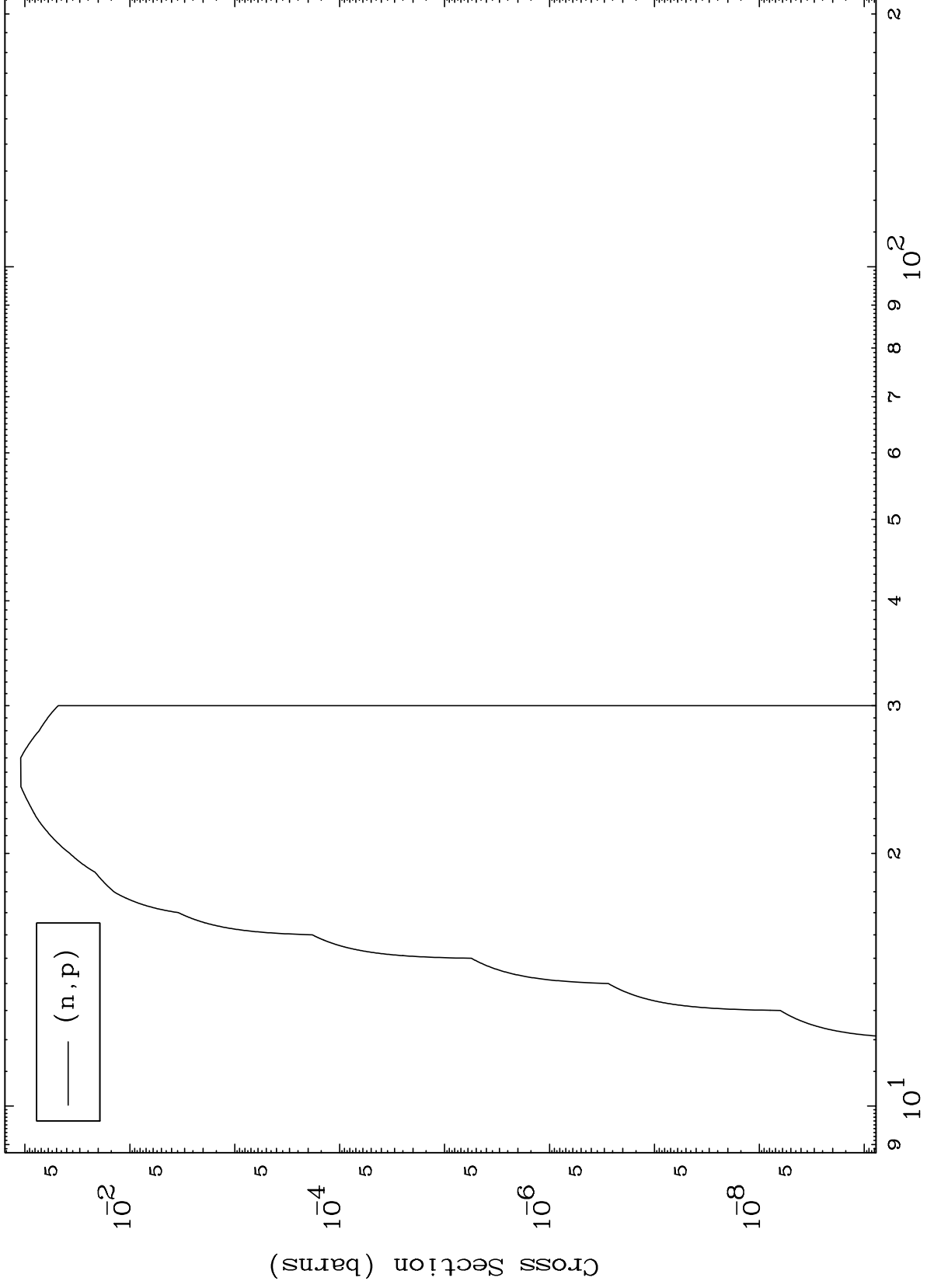


MAT 6604

( $\alpha, p$ ) Levels

66-Dy-149

0 Kelvin Cross Sections



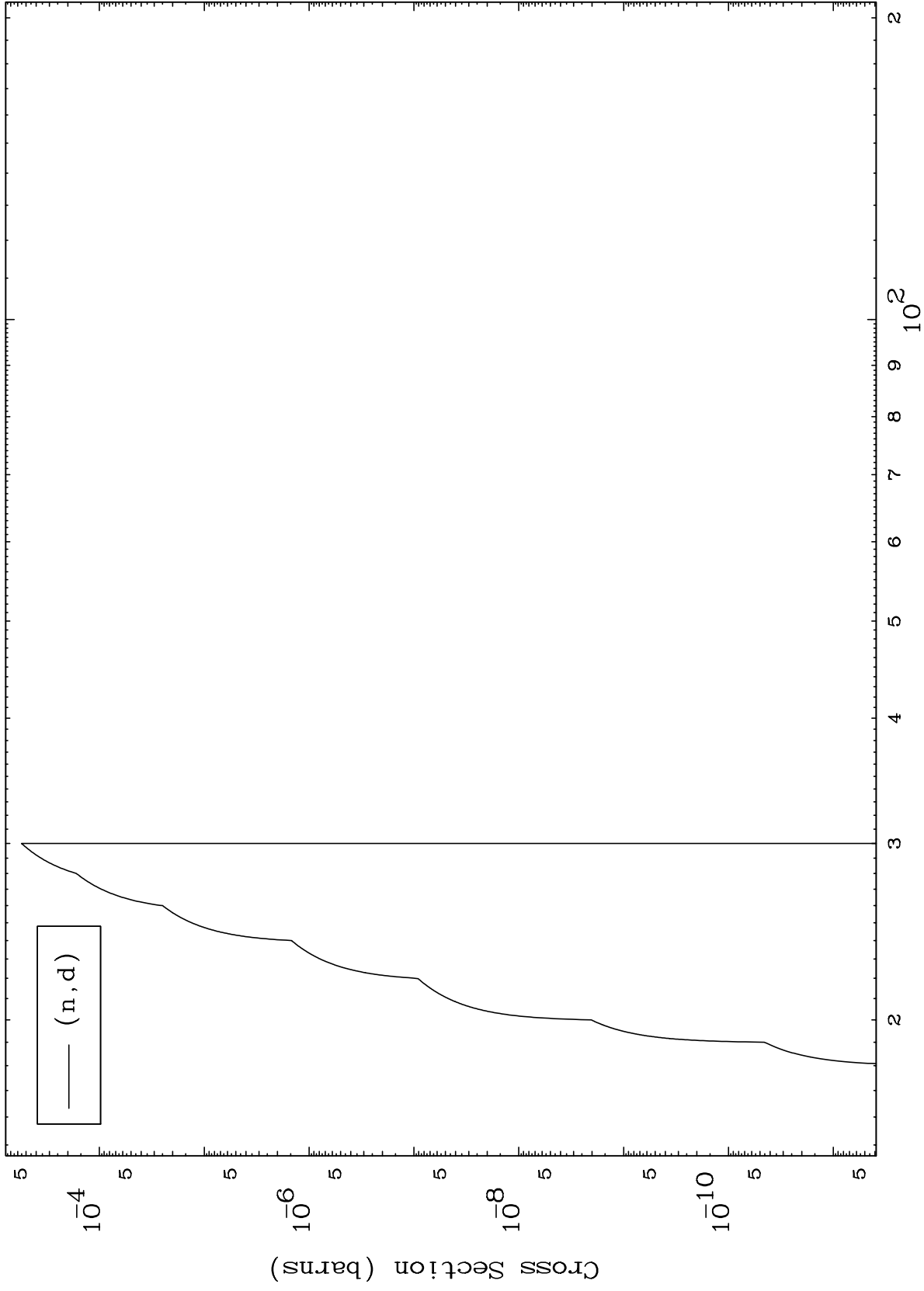
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

66-Dy-149



7

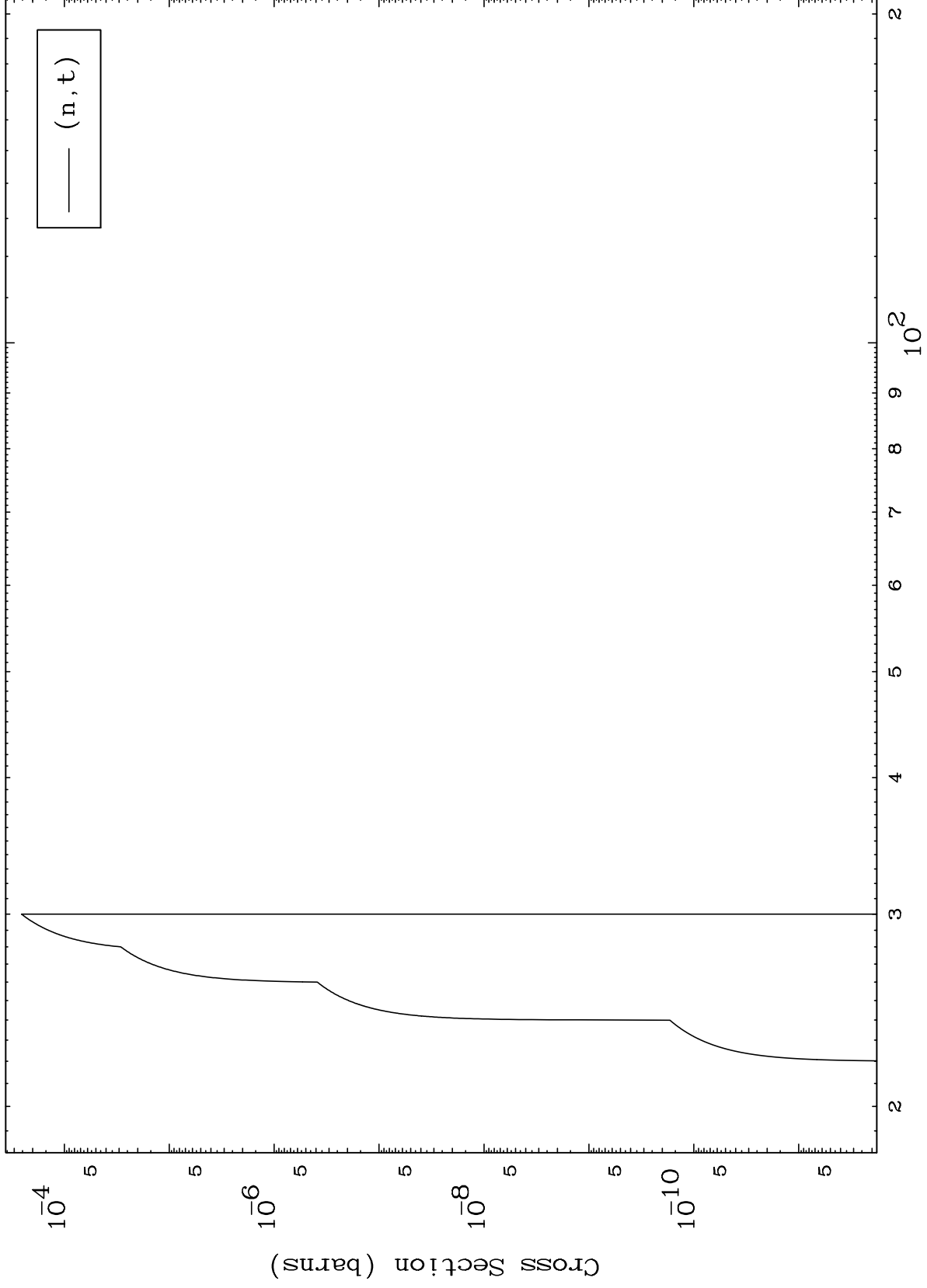
Incident Energy (MeV)

66-Dy-149

MAT 6604

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

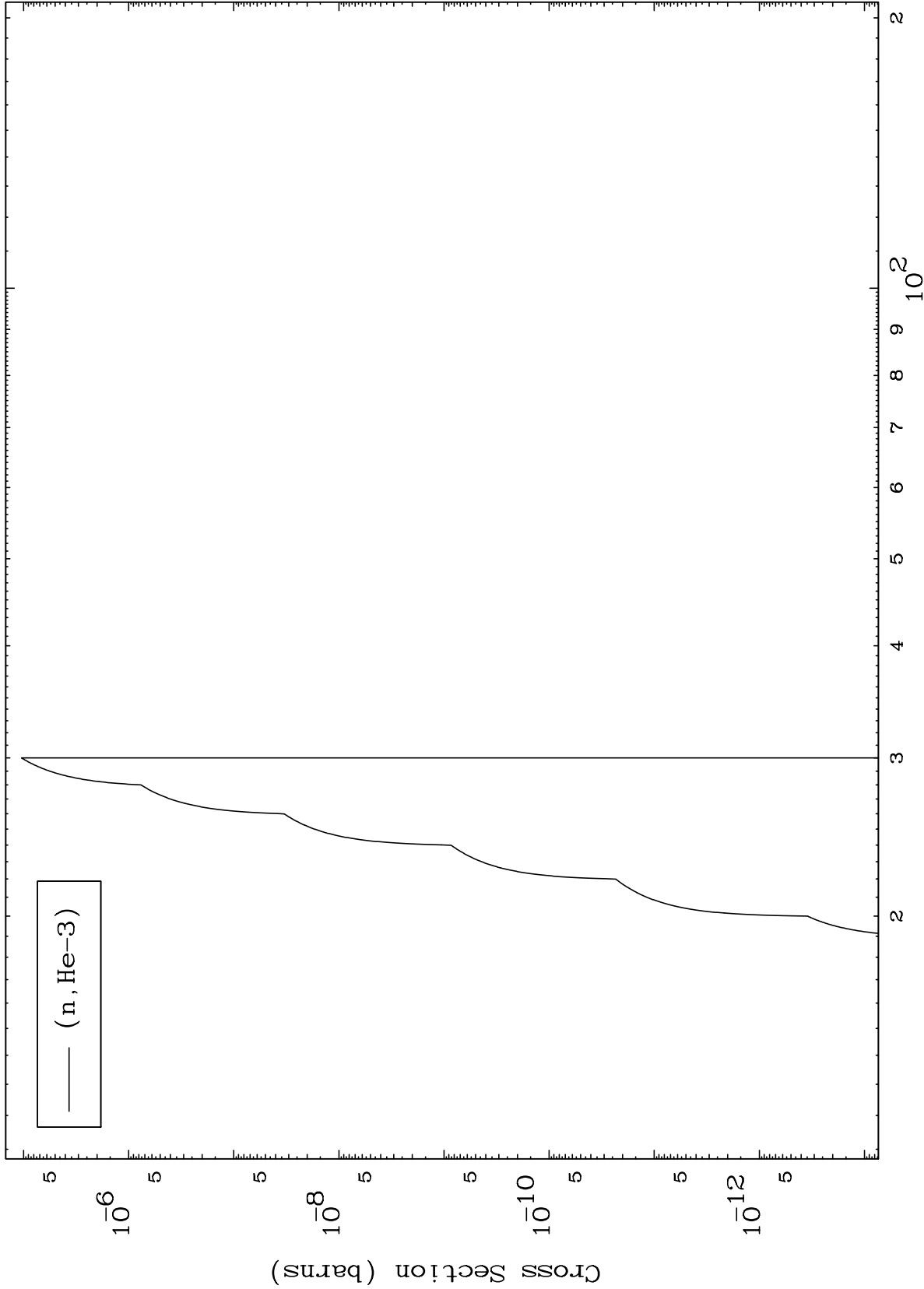
66-Dy-149



8

Incident Energy (MeV)

66-Dy-149

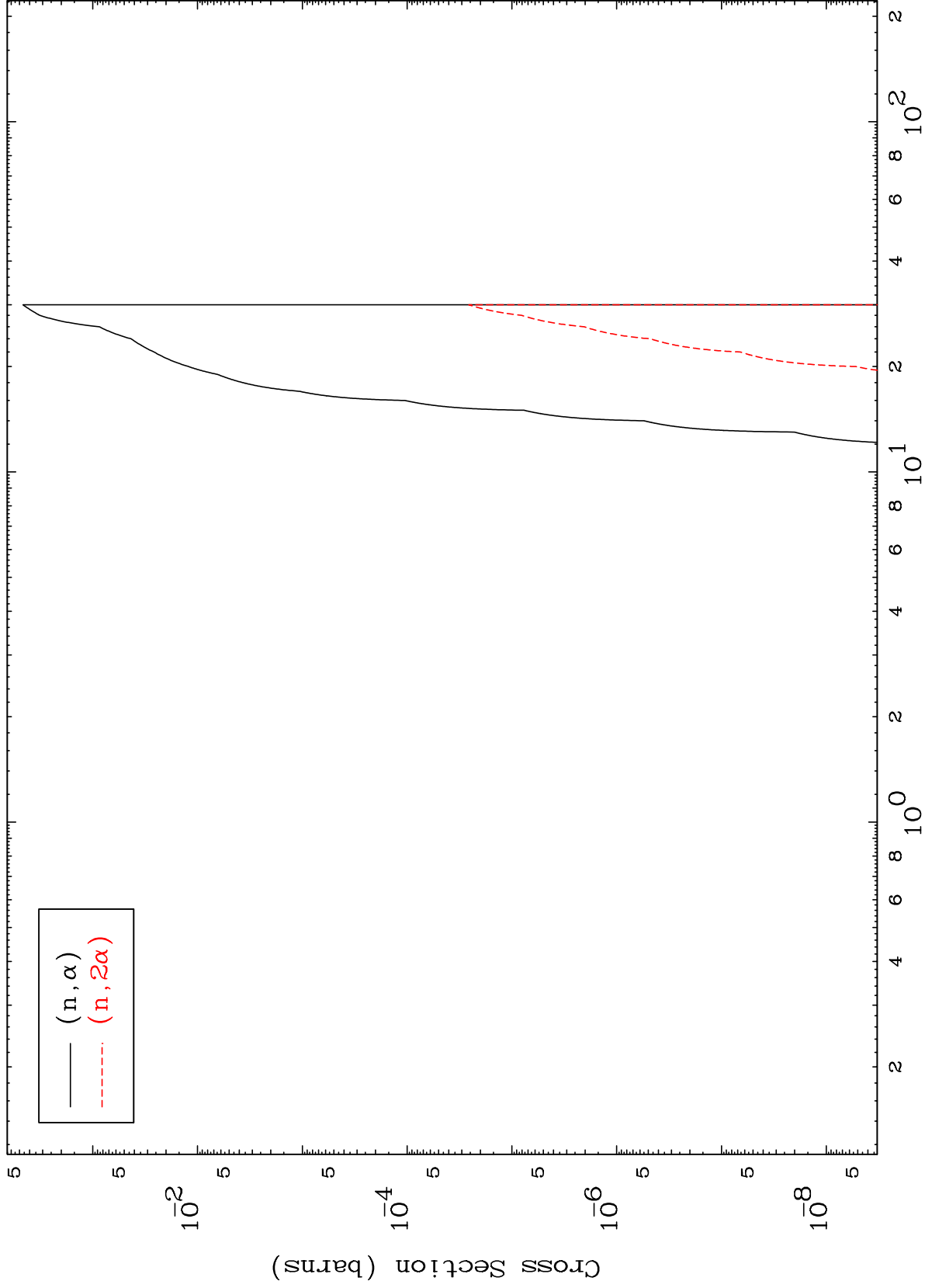


MAT 6604

( $\alpha, \alpha$ ) Levels

66-Dy-149

0 Kelvin Cross Sections



10

Incident Energy (MeV)

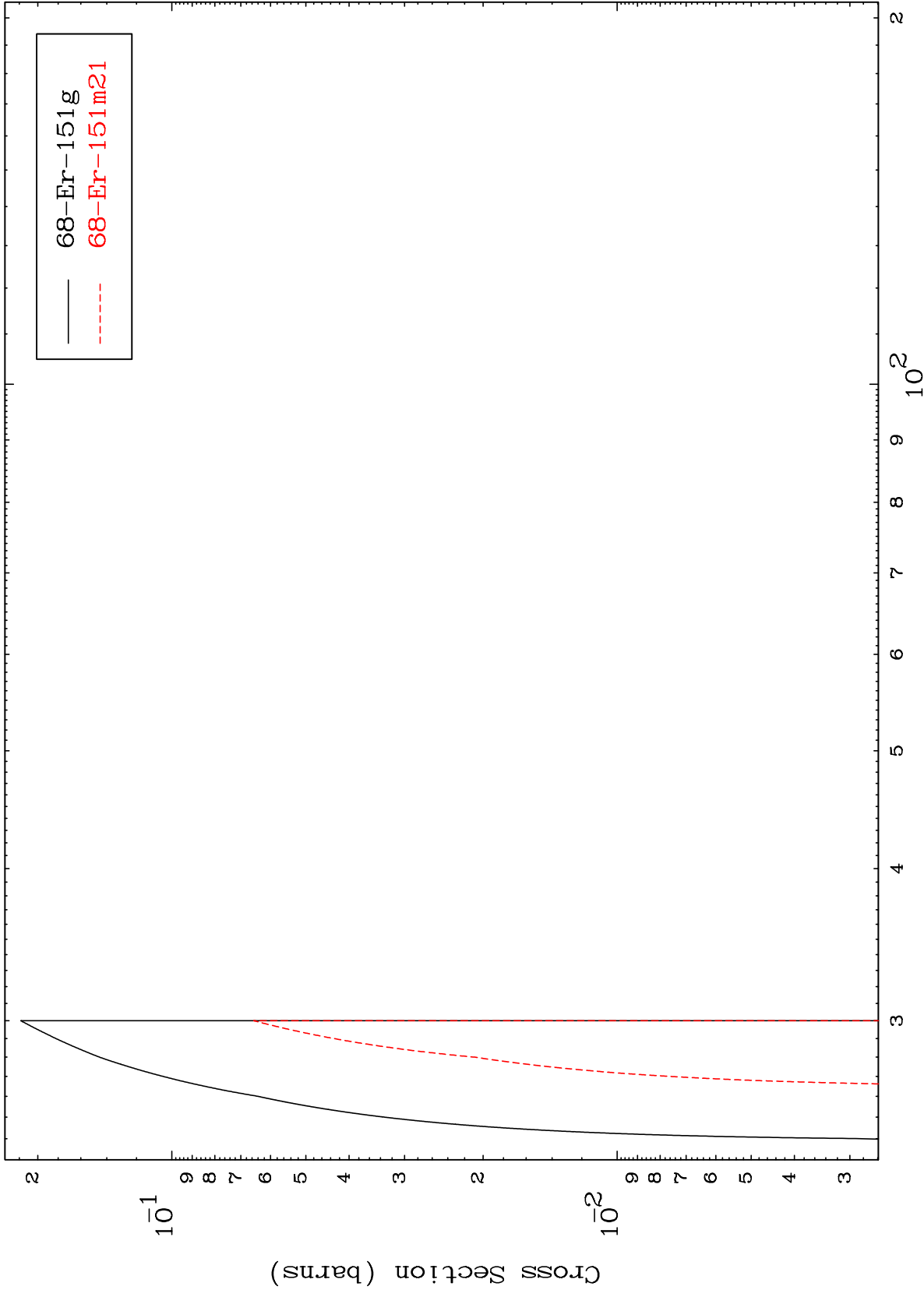
66-Dy-149

MAT 6604

(n,2n)

66-Dy-149

Radionuclide Production Cross Section



11

Incident Energy (MeV)

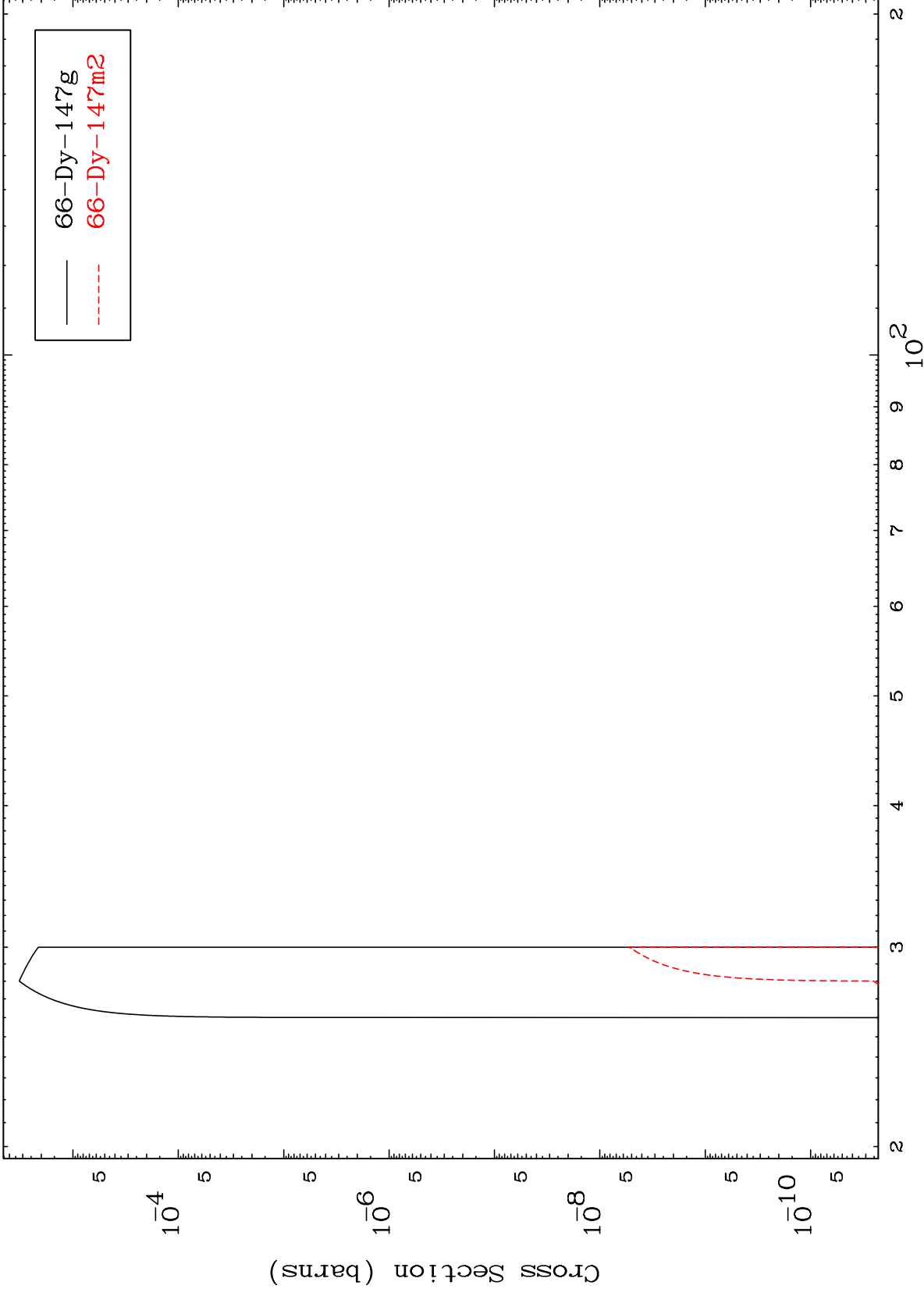
66-Dy-149

MAT 6604

$(n,2n) \alpha$

66-Dy-149

Radionuclide Production Cross Section



12

Incident Energy (MeV)

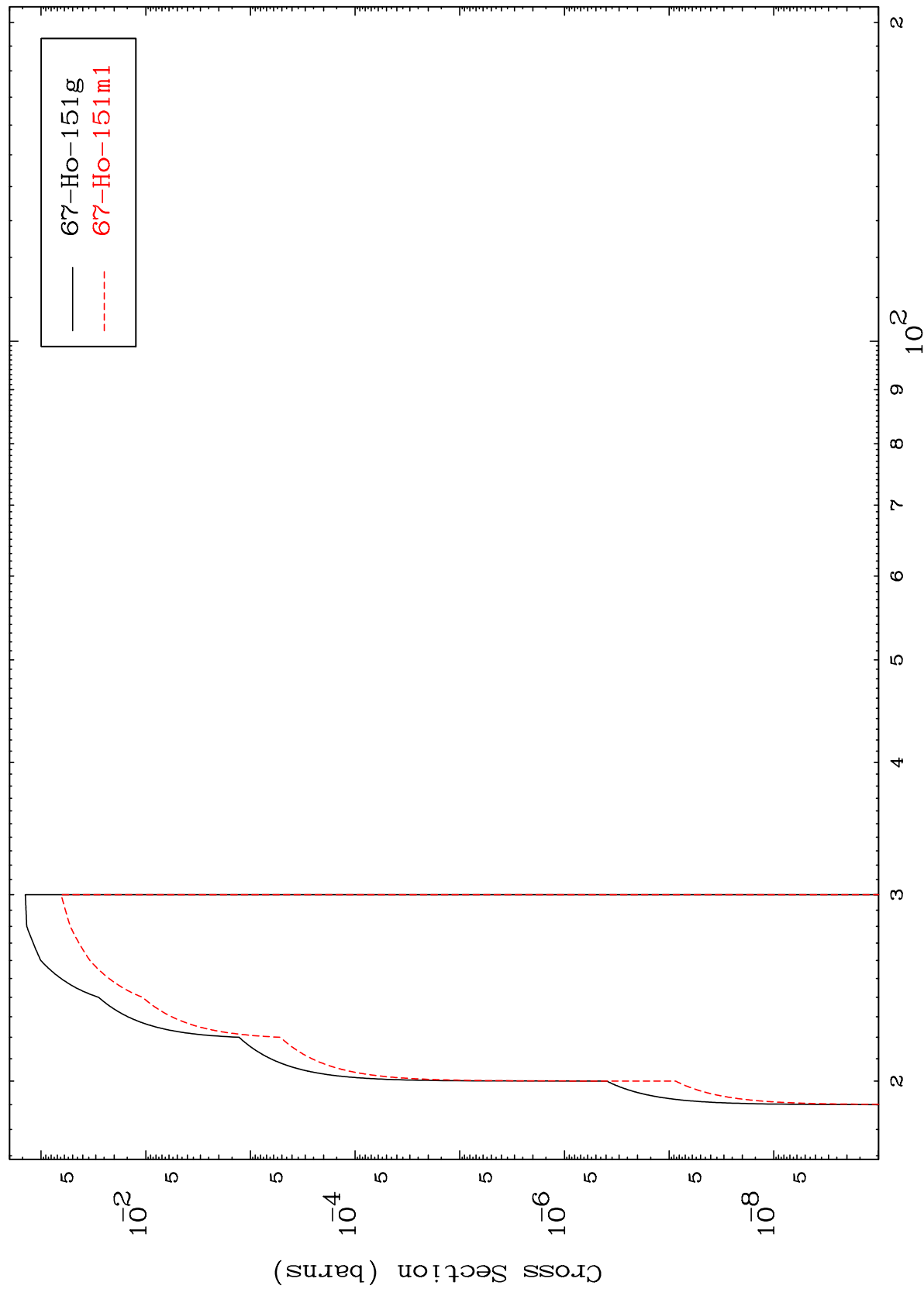
66-Dy-149

MAT 6604

(n,n') p

66-Dy-149

Radionuclide Production Cross Section



13

Incident Energy (MeV)

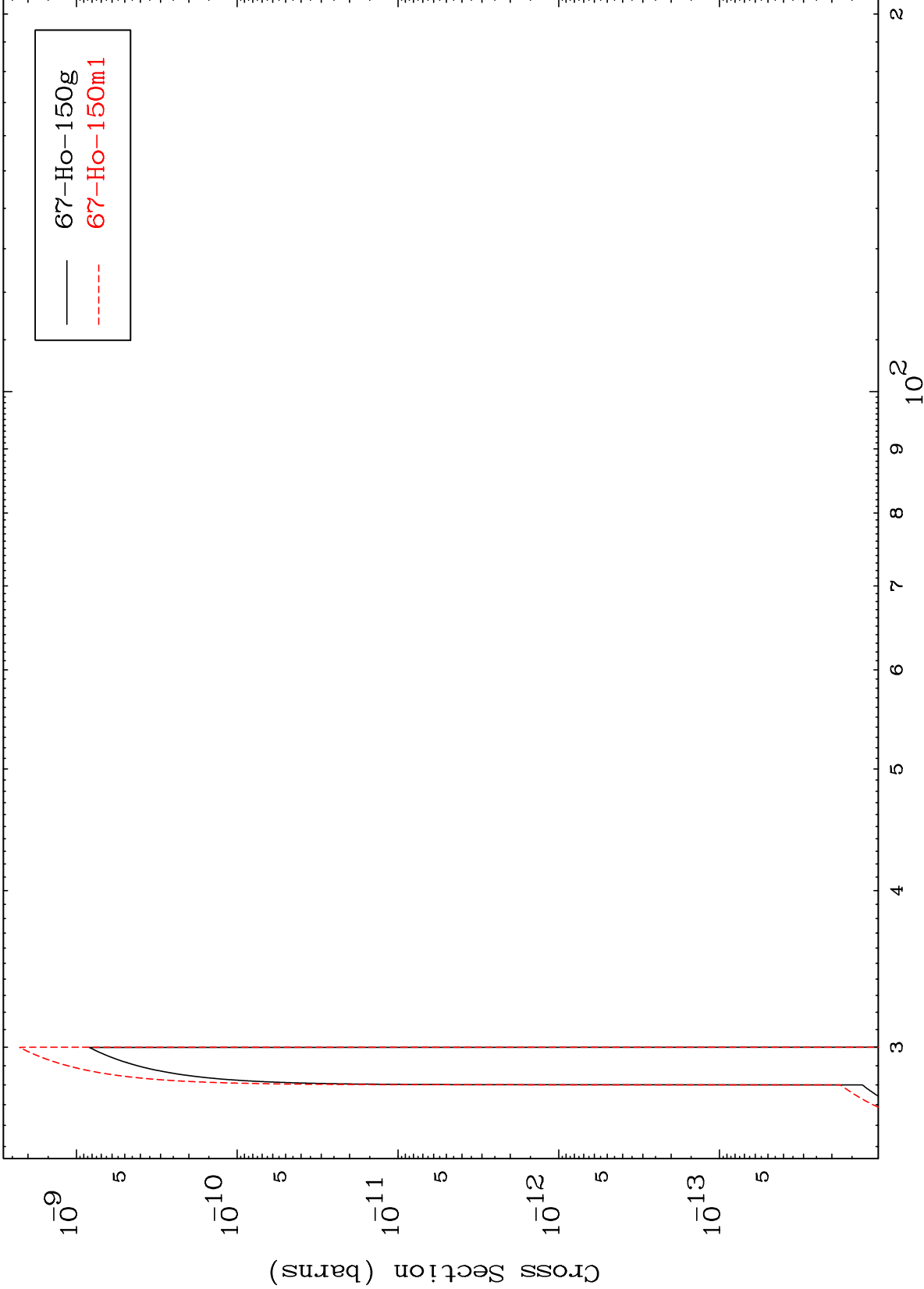
66-Dy-149

MAT 6604

(n,n') d

66-Dy-149

Radionuclide Production Cross Section



14

Incident Energy (MeV)

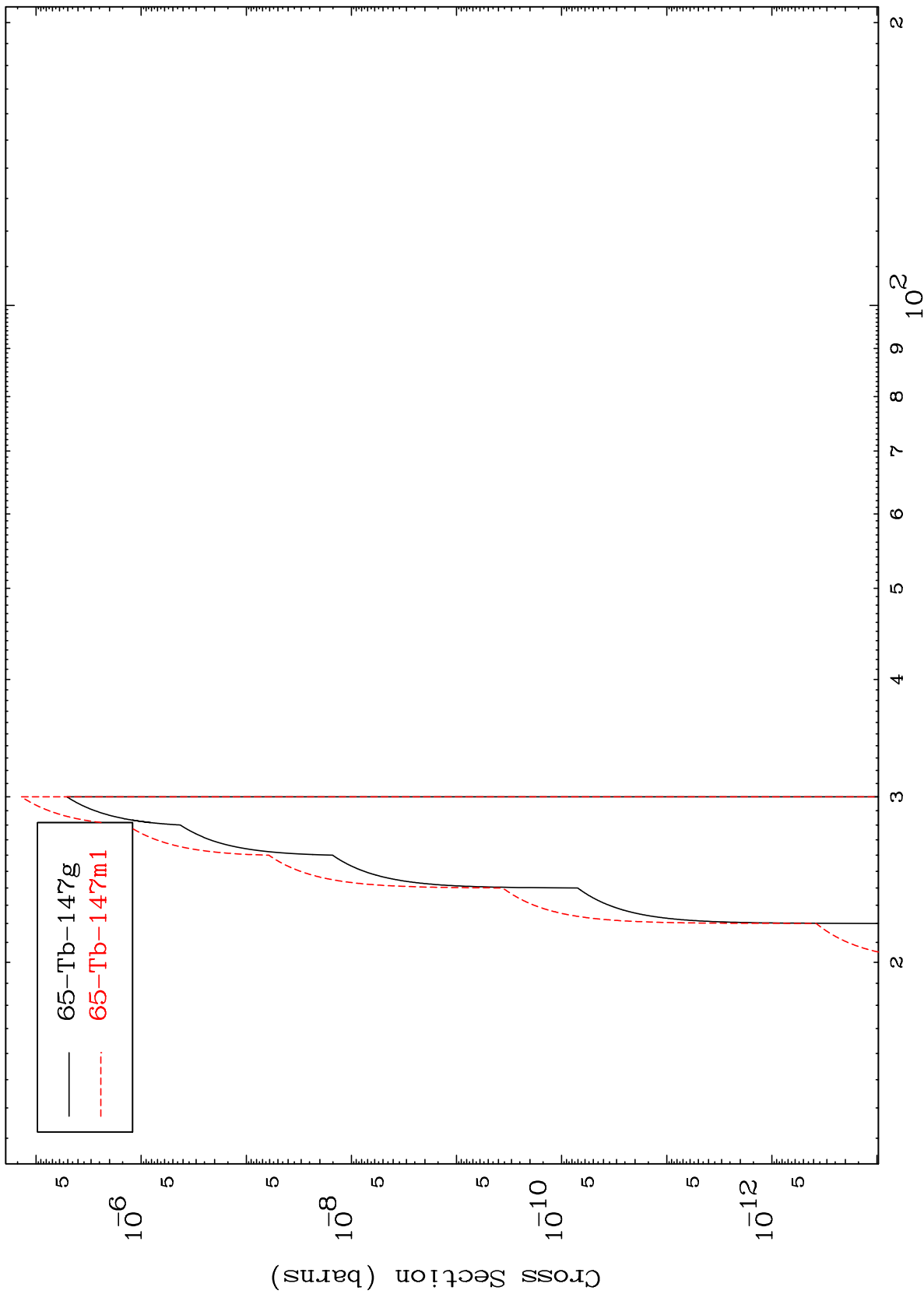
66-Dy-149

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(n,n') p  $\alpha$

66-Dy-149

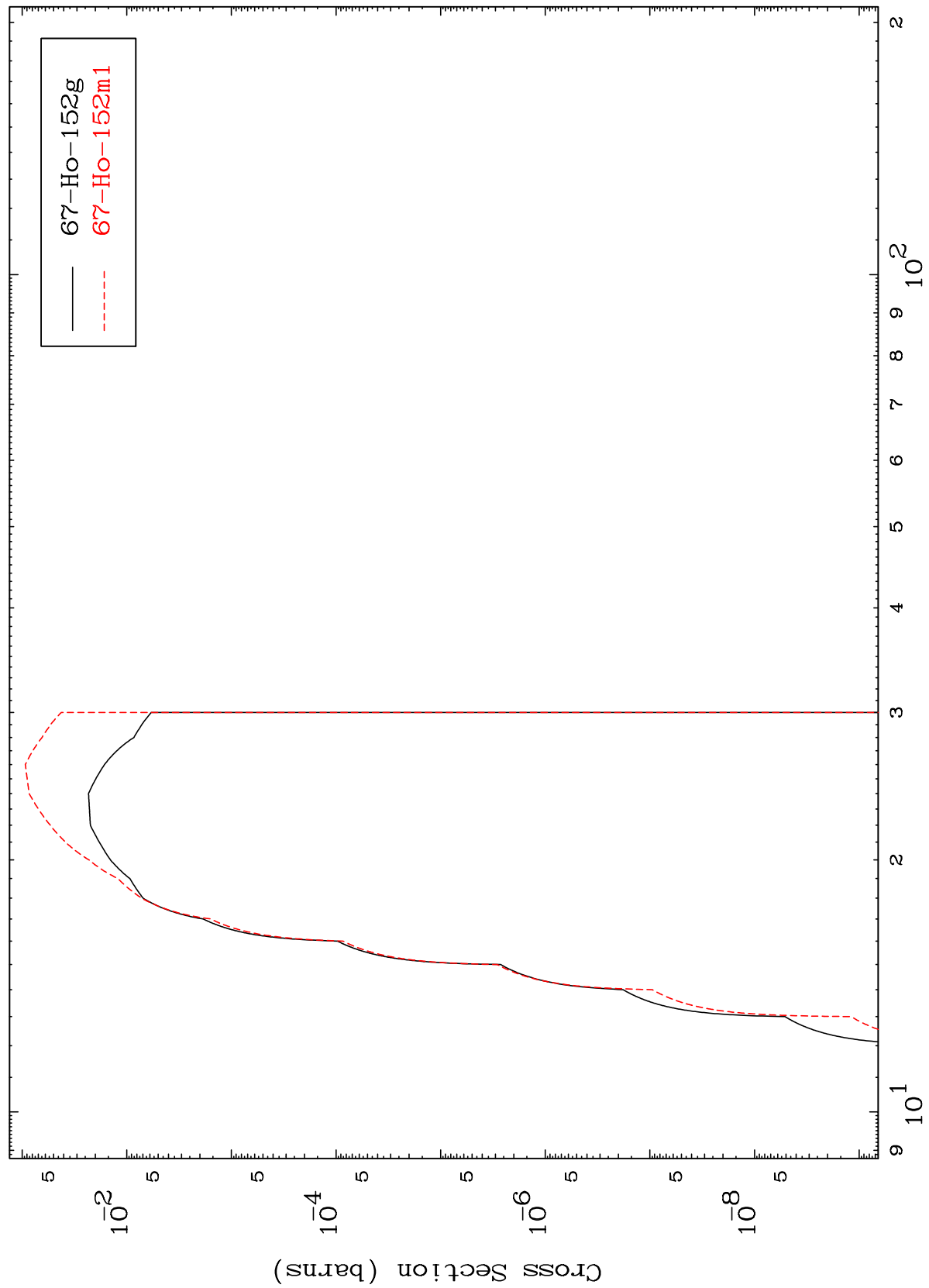
Radionuclide Production Cross Section



MAT 6604

66-Dy-149

(n,p)  
Radionuclide Production Cross Section



66-Dy-149

Incident Energy (MeV)

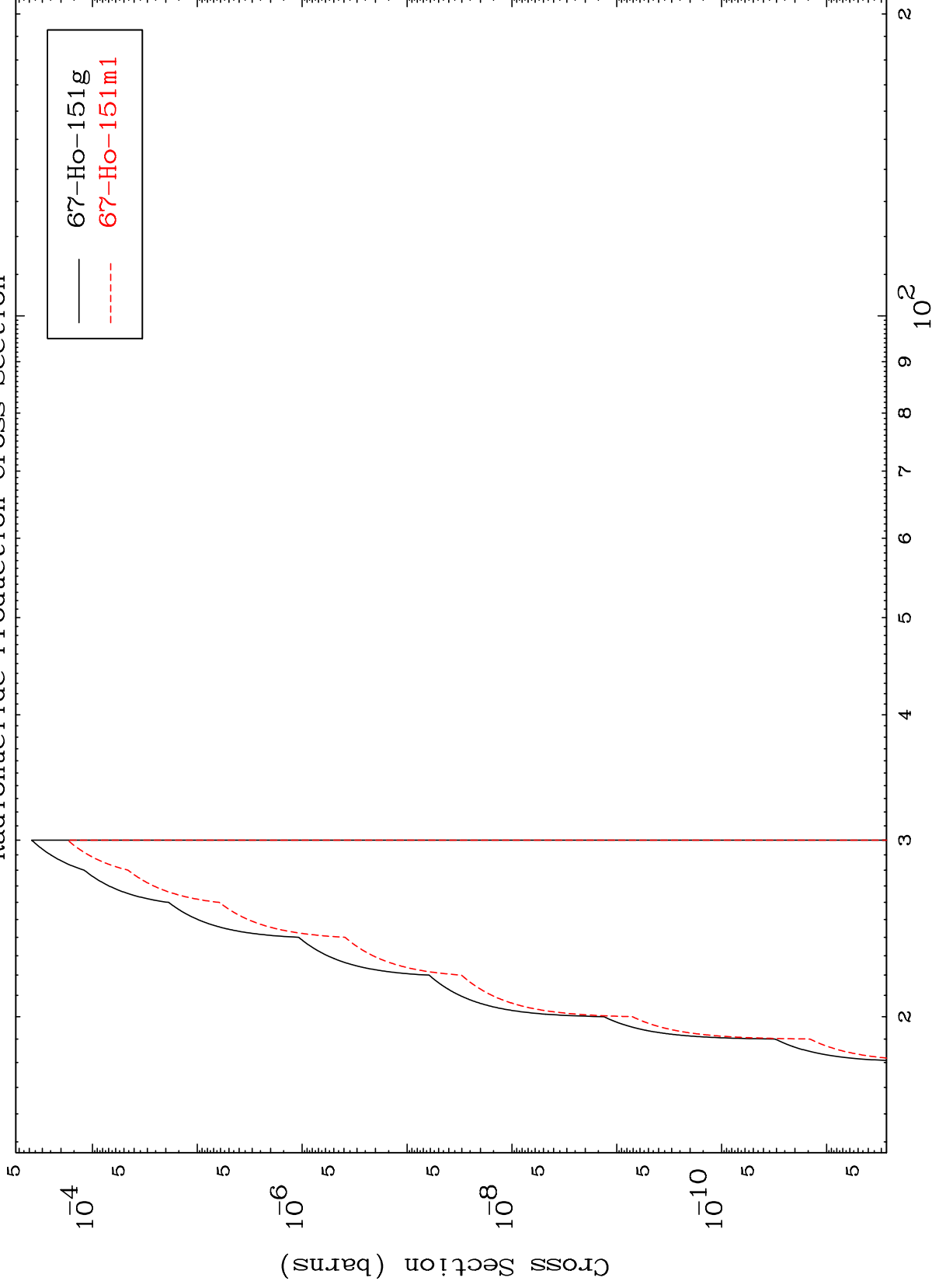
16

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(n,d)

66-Dy-149

Radionuclide Production Cross Section



17

Incident Energy (MeV)

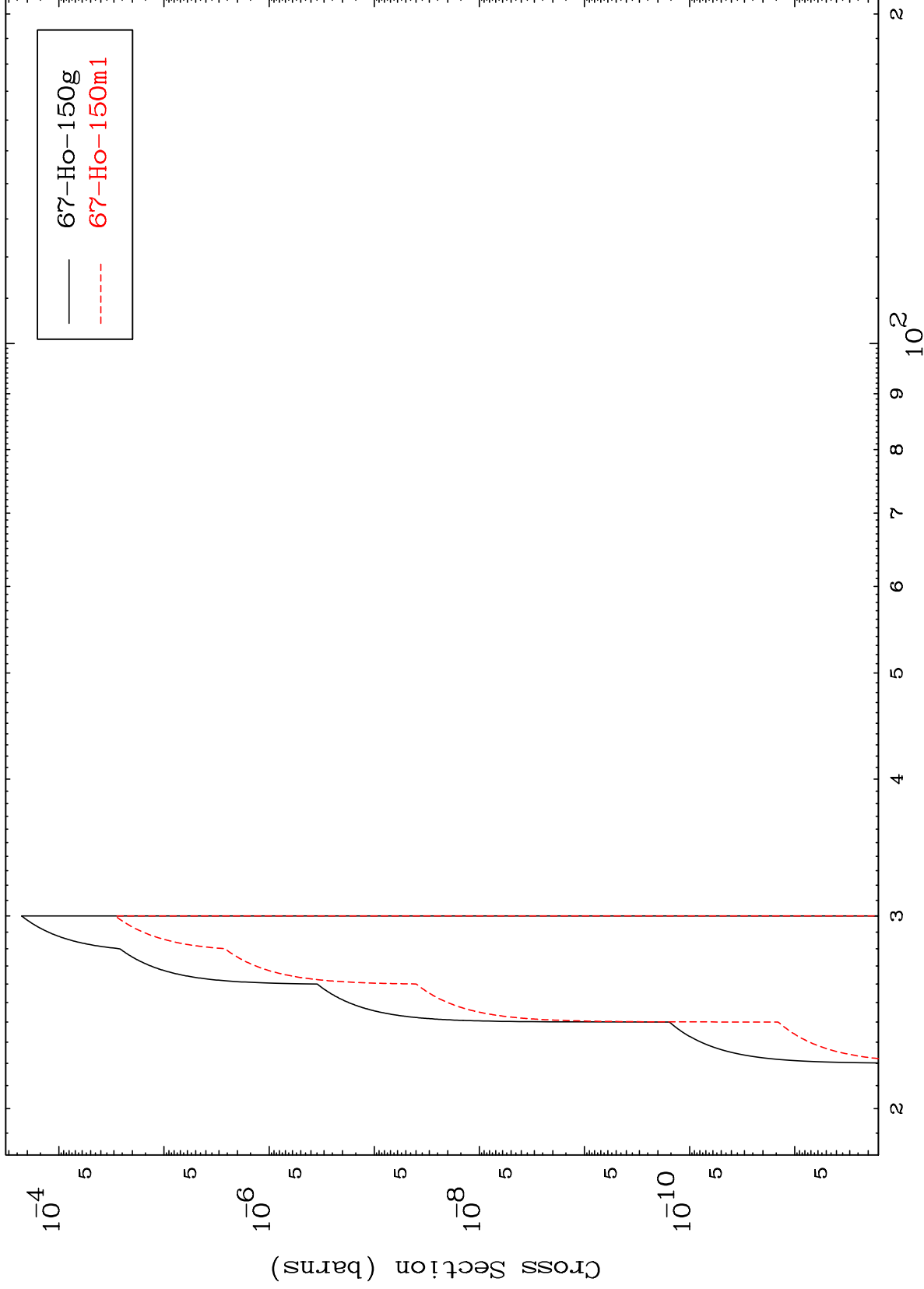
66-Dy-149

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(n, t)

66-Dy-149

Radionuclide Production Cross Section



18

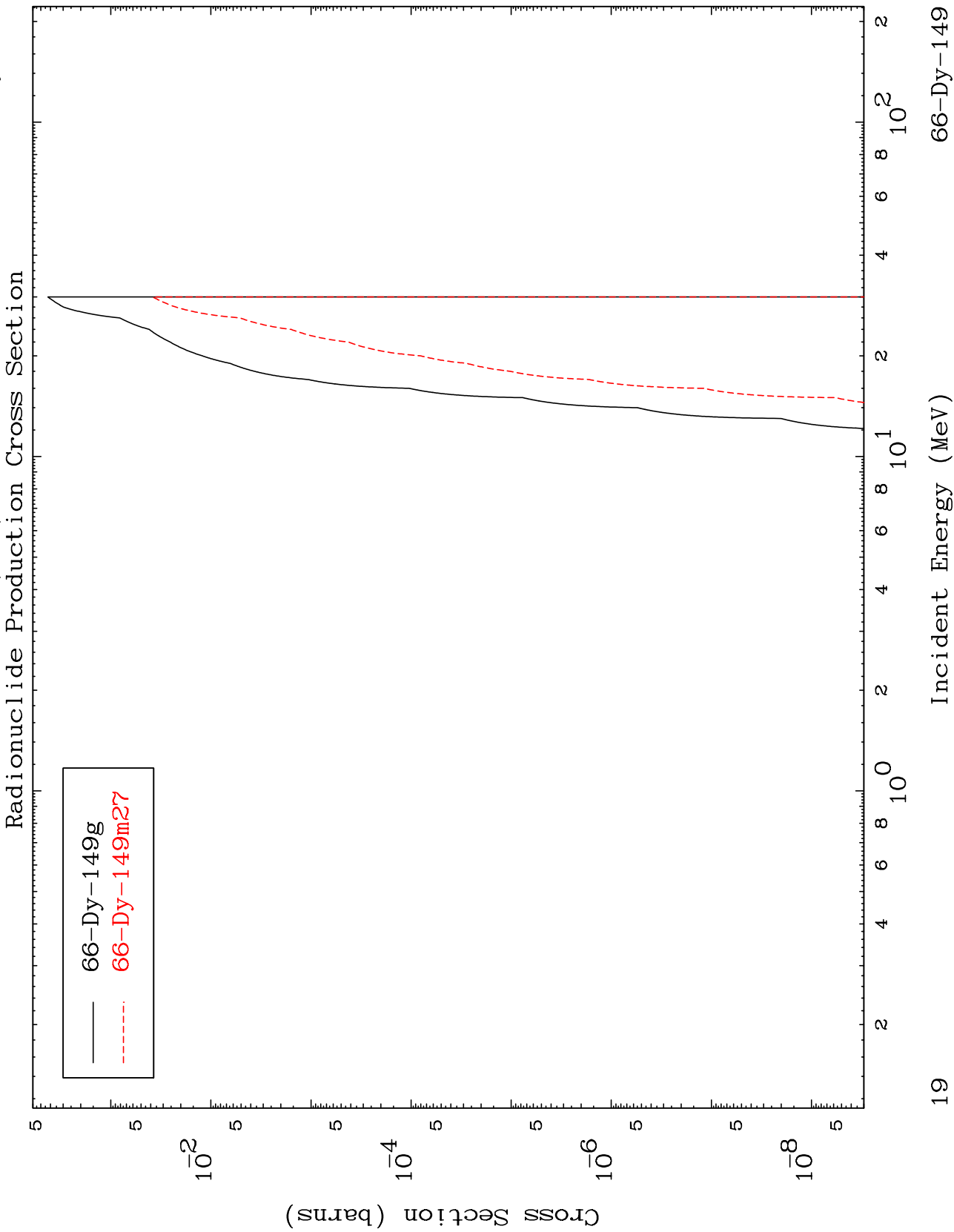
Incident Energy (MeV)

66-Dy-149

MAT 6604

(n,  $\alpha$ )

66-Dy-149

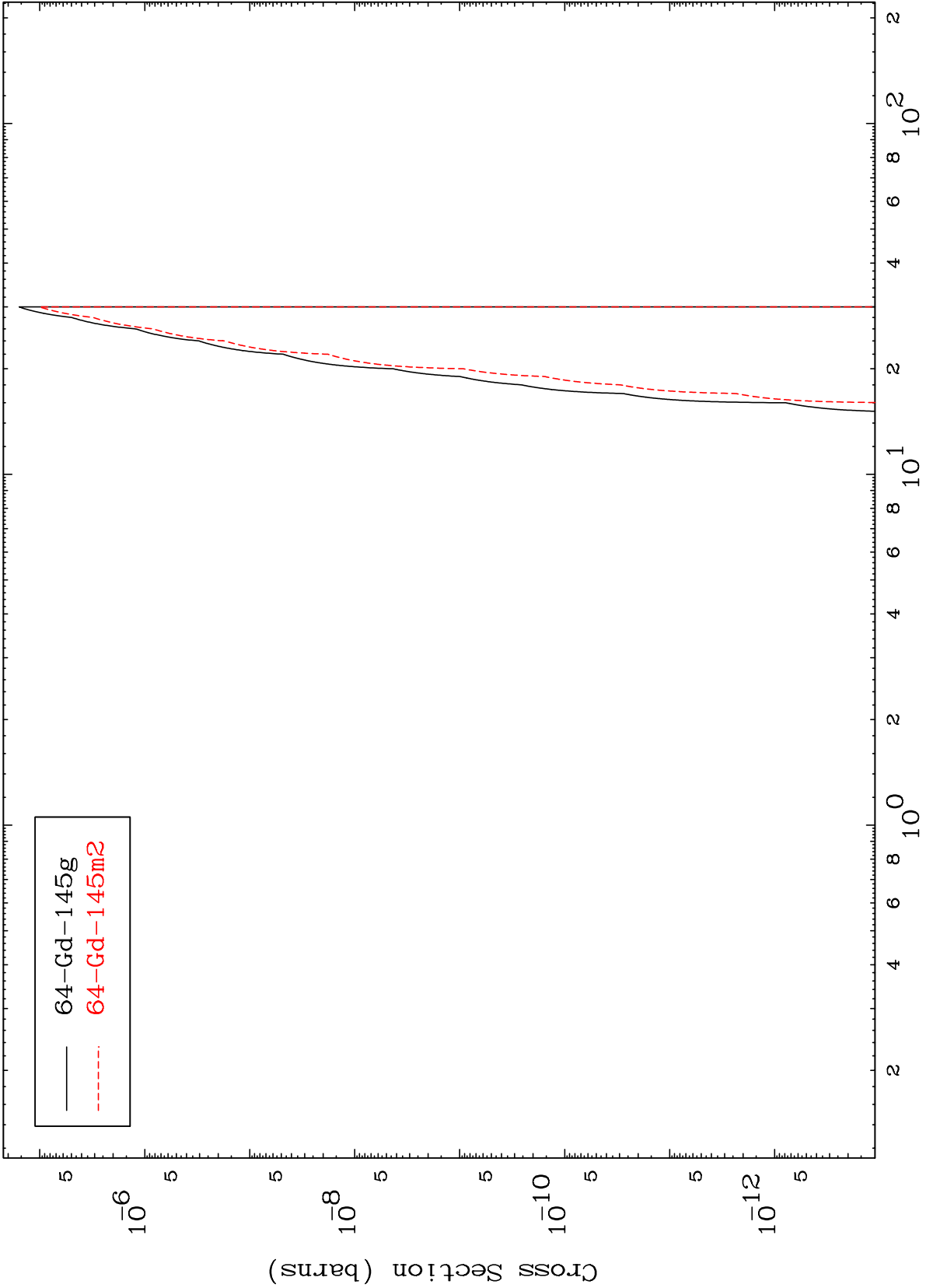


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(n,2α)

66-Dy-149

Radionuclide Production Cross Section



64-Gd-145g  
64-Gd-145m2

20

Incident Energy (MeV)

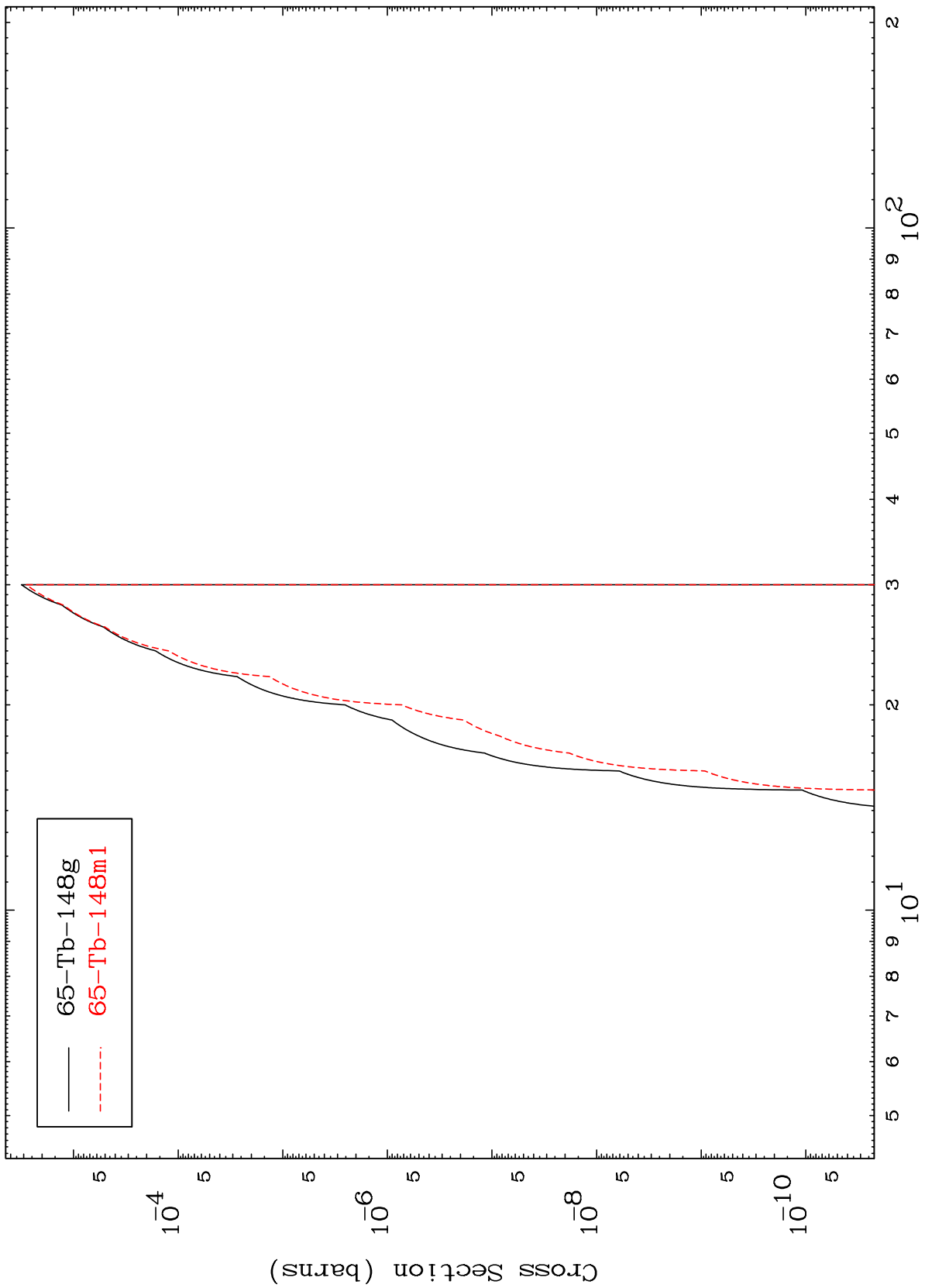
66-Dy-149

MAT 6604

(n,p)  $\alpha$

66-Dy-149

Radionuclide Production Cross Section

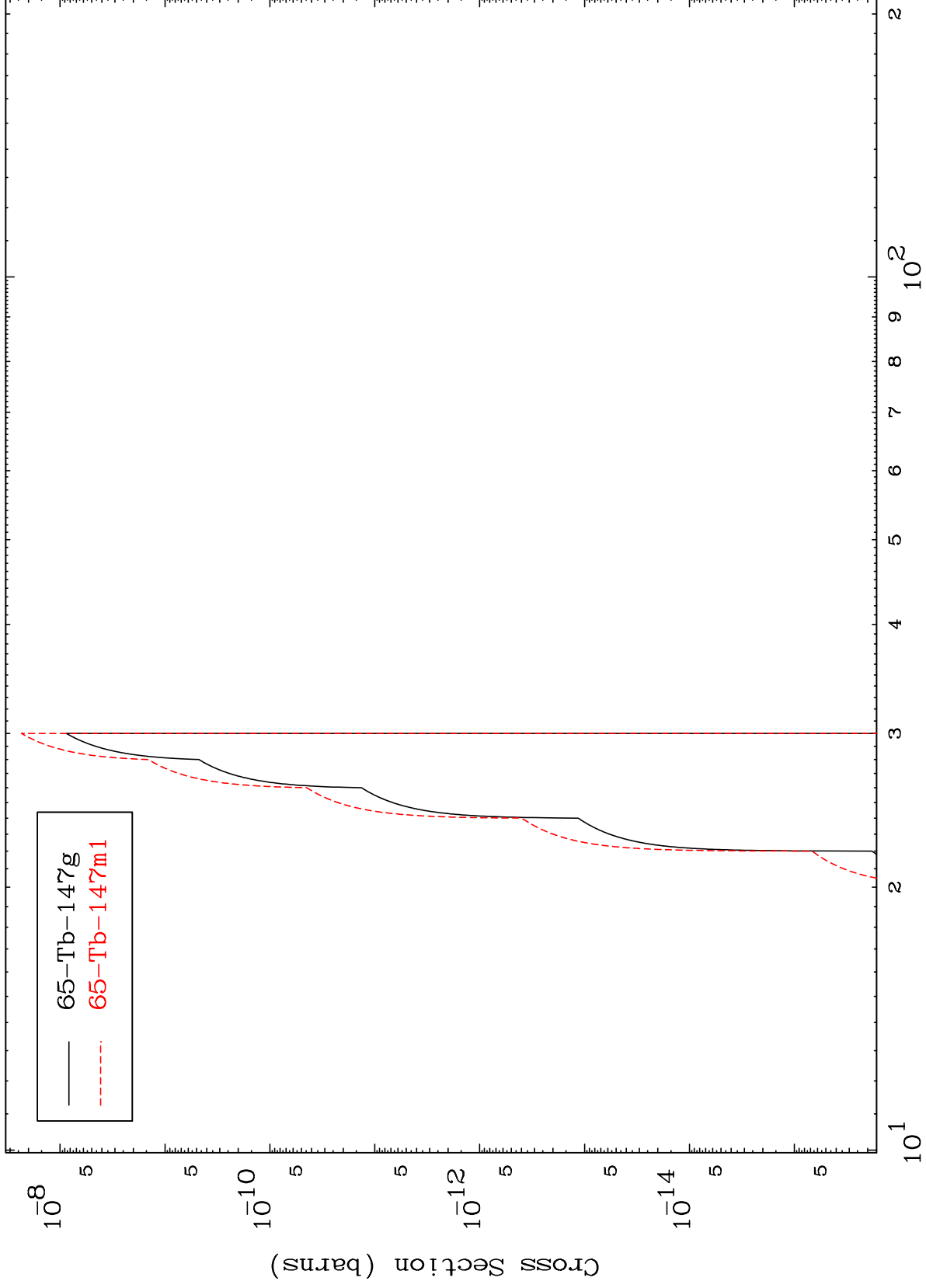


MAT 6604

(n,d)  $\alpha$

66-Dy-149

Radionuclide Production Cross Section



22

Incident Energy (MeV)

66-Dy-149