

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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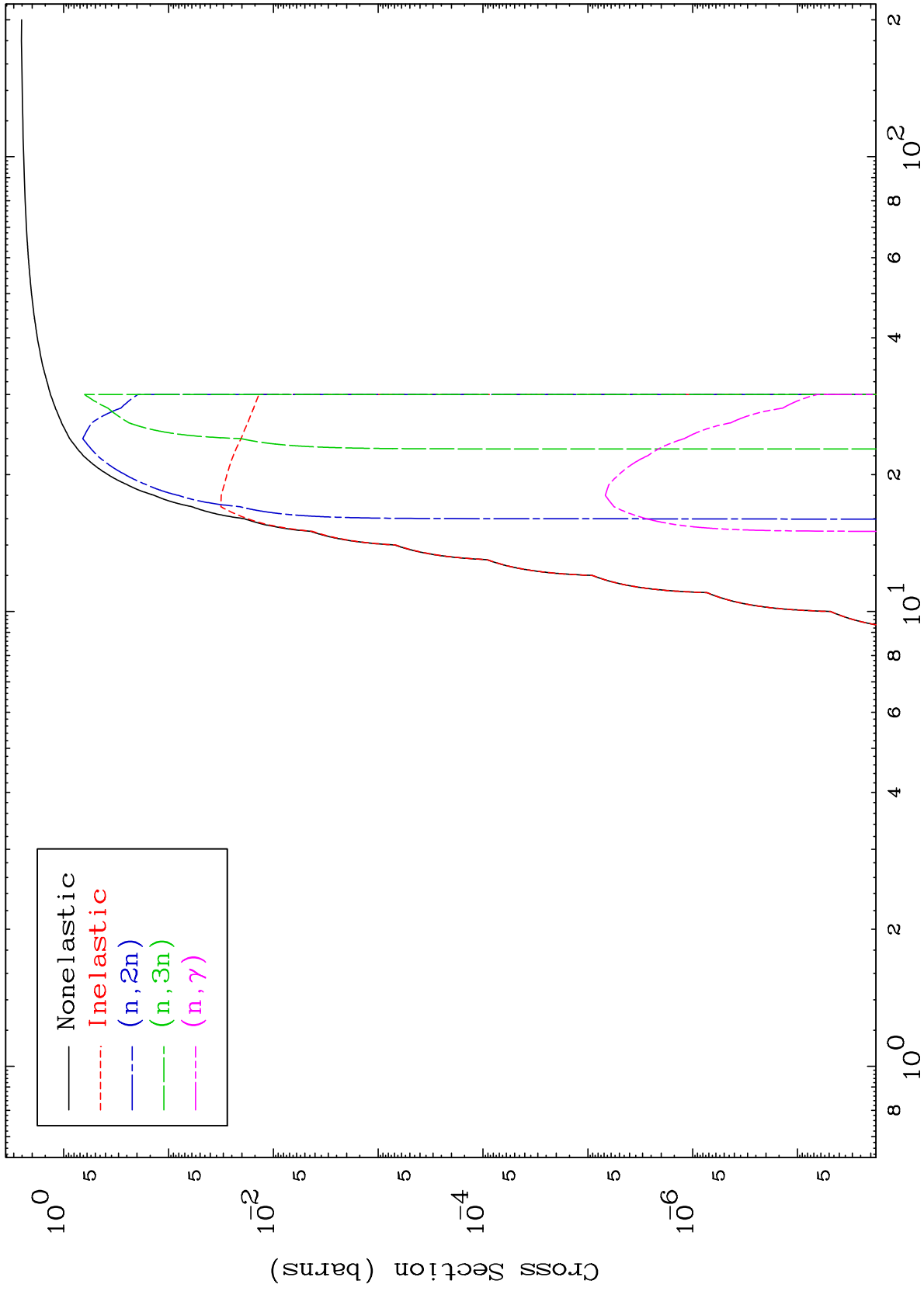
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6646

0 Kelvin  $\alpha$  Major

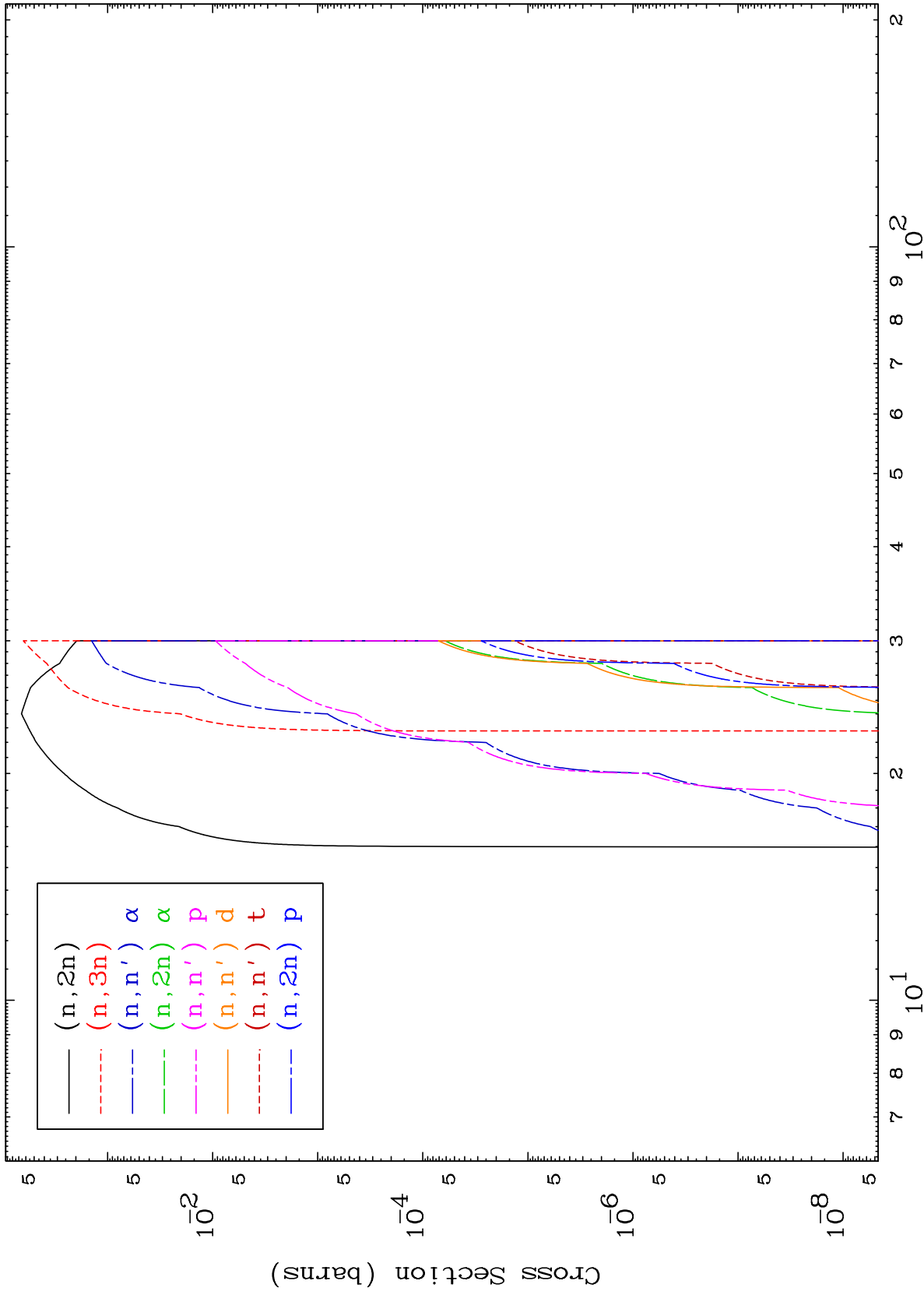
66-Dy-163



1

Incident Energy (MeV)

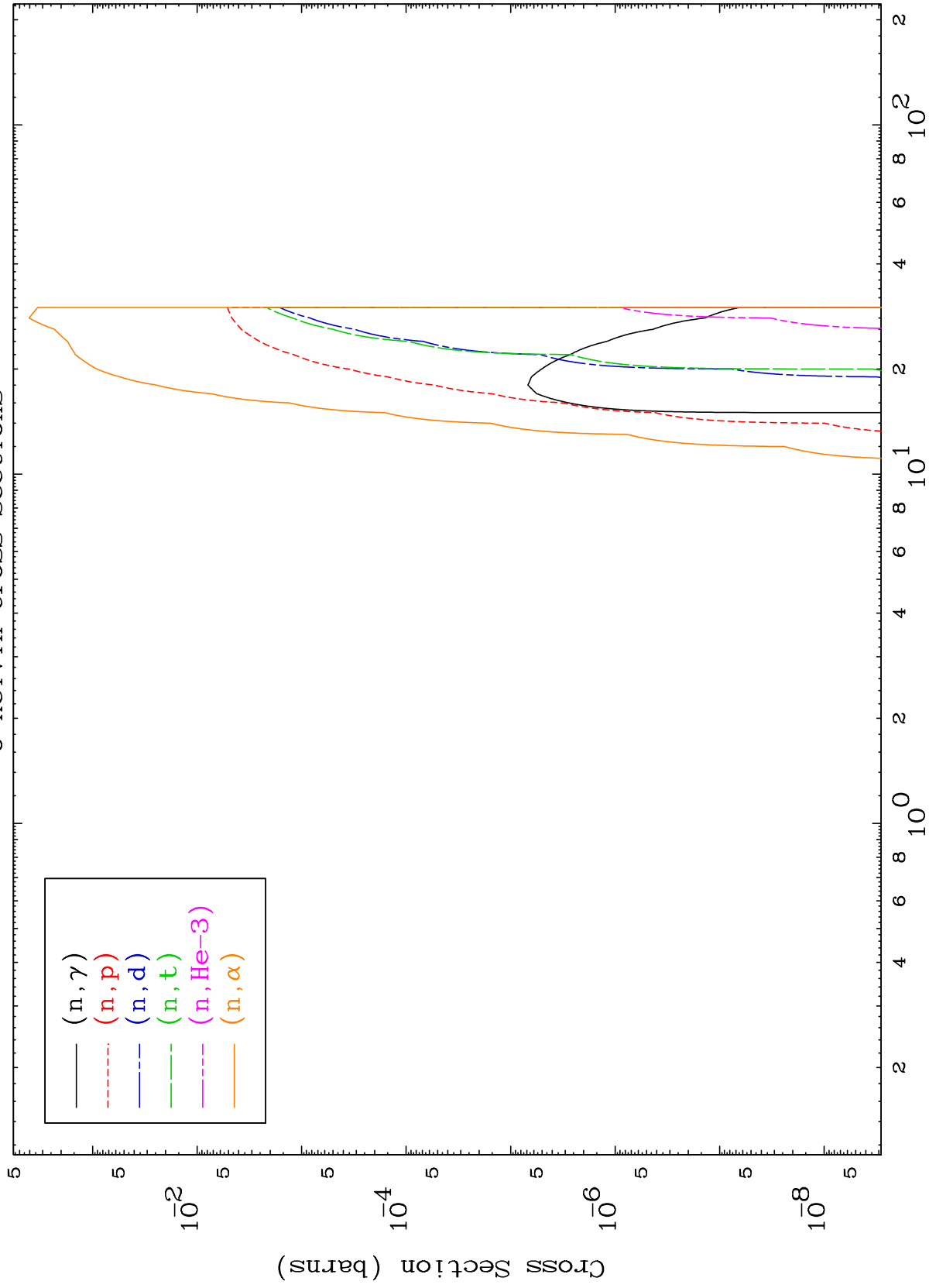
66-Dy-163



MAT 6646

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

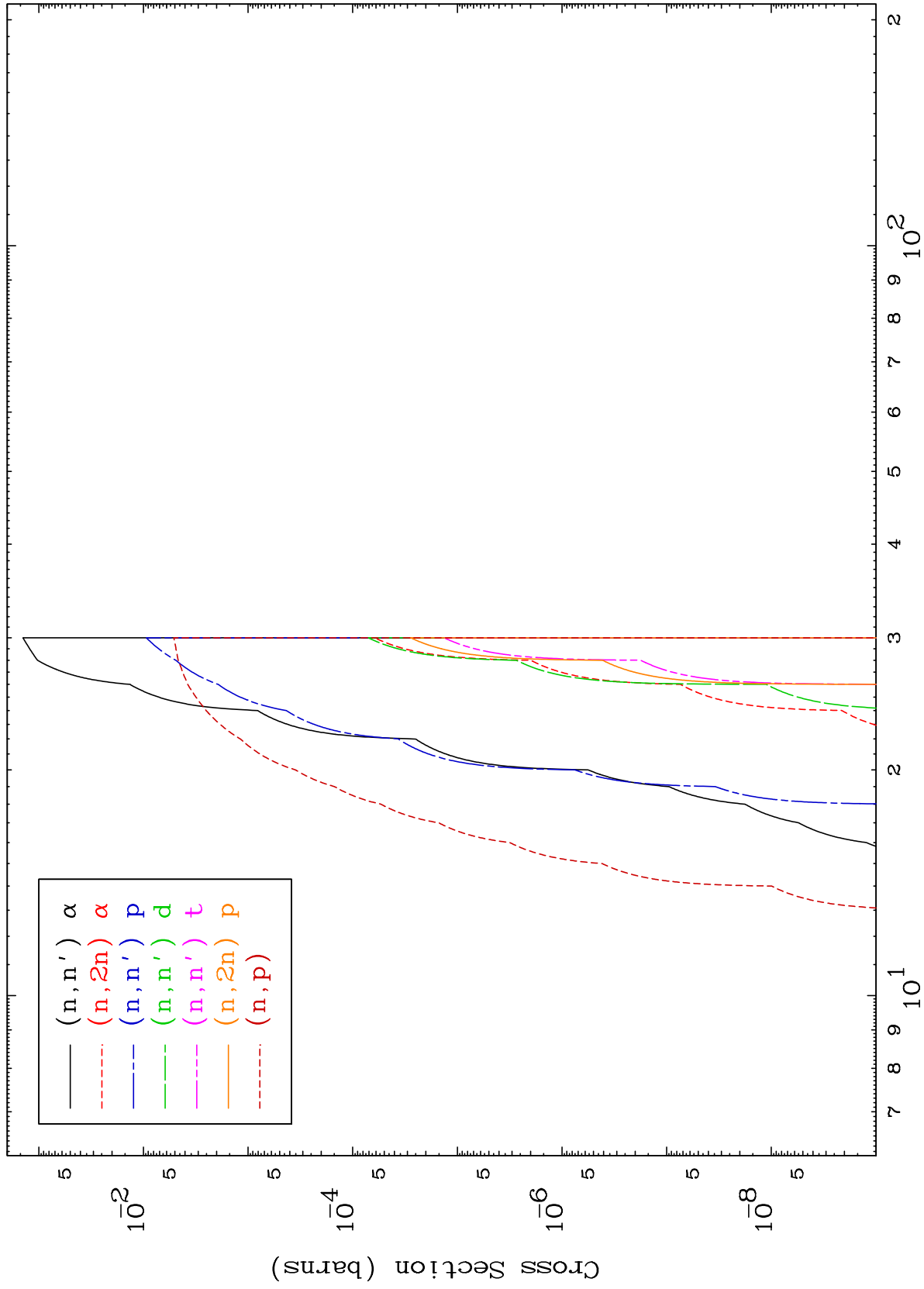
66-Dy-163

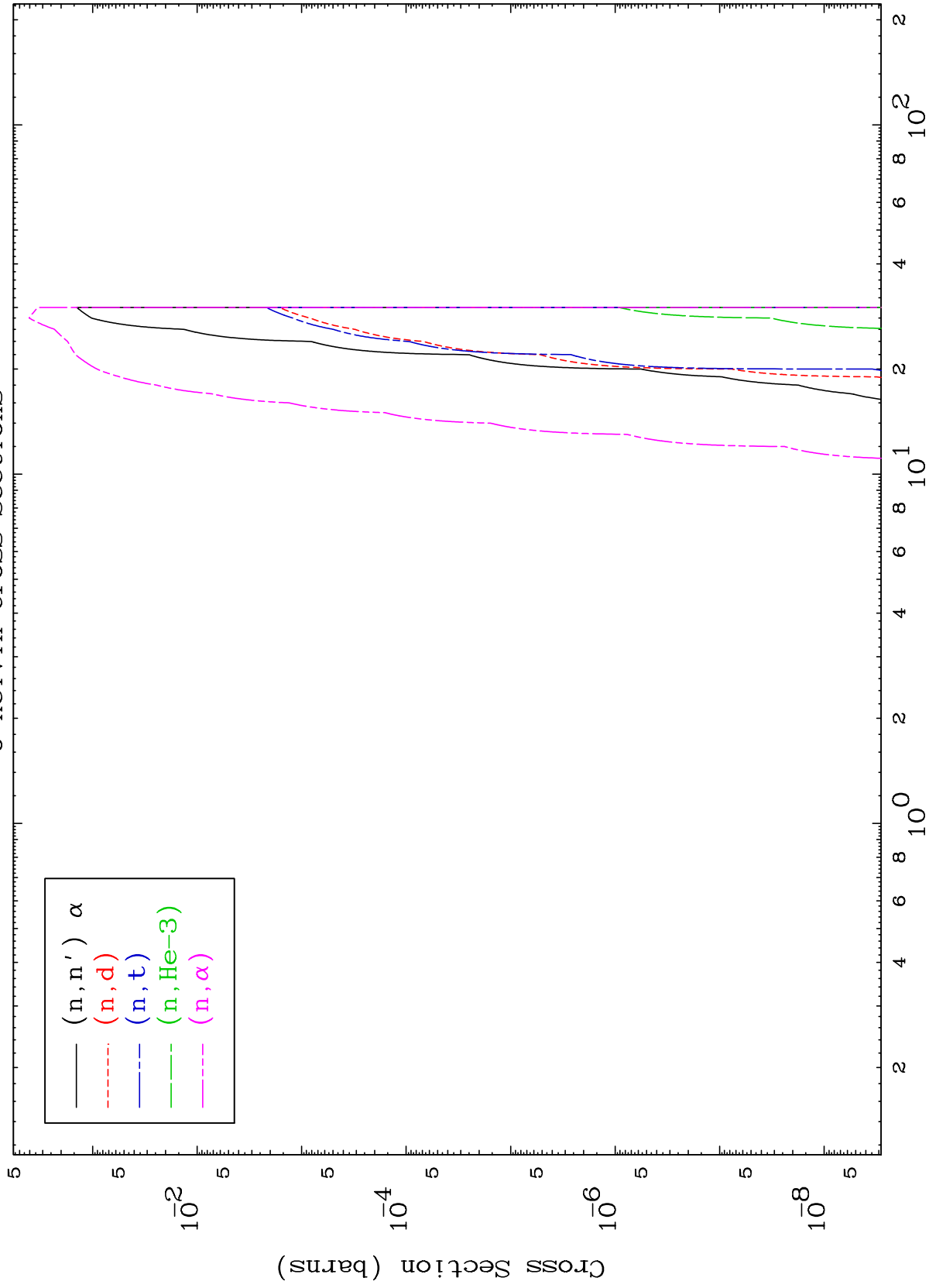


3

Incident Energy (MeV)

66-Dy-163

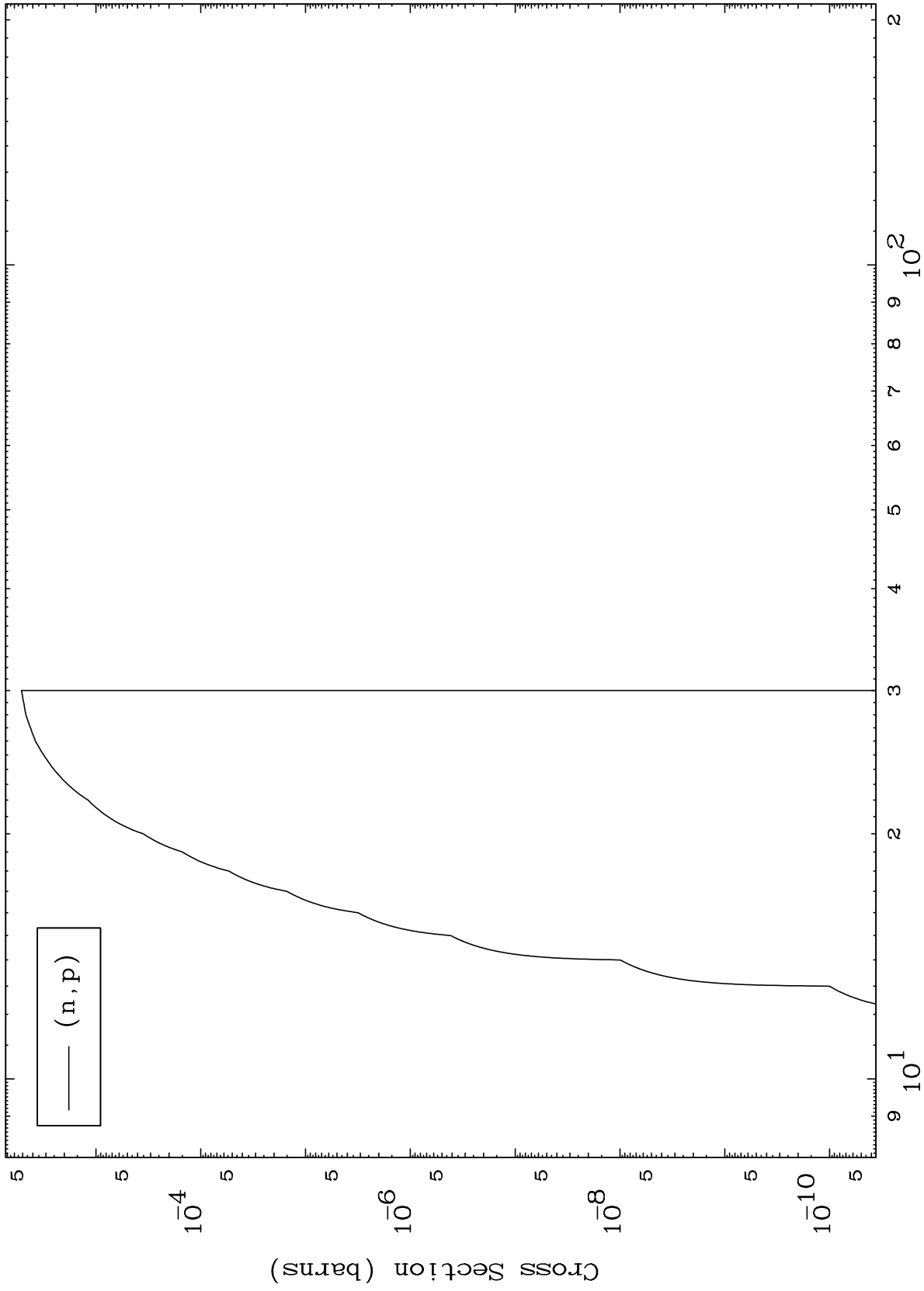




MAT 6646

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

66-Dy-163



6

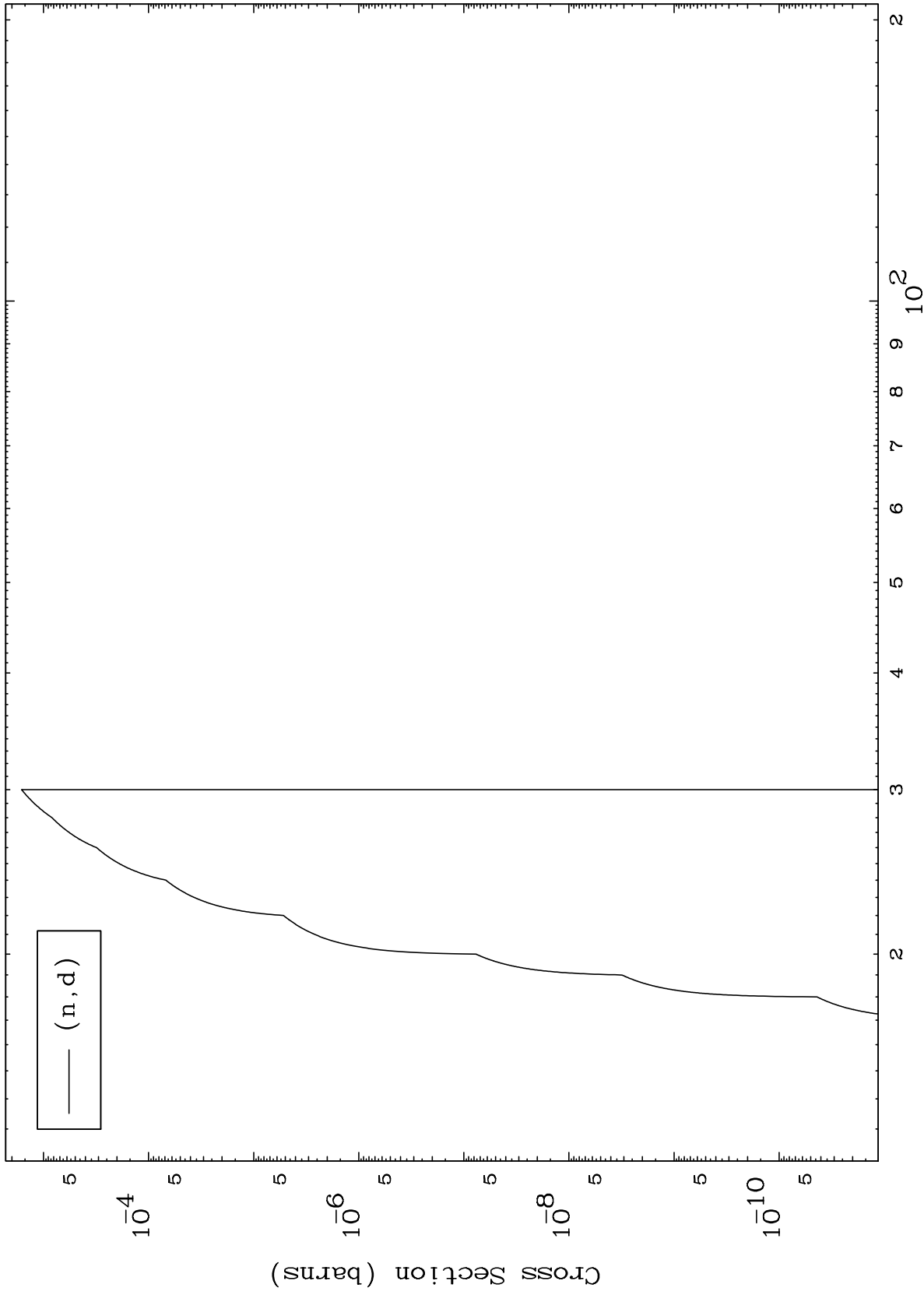
Incident Energy (MeV)

66-Dy-163

MAT 6646

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

66-Dy-163



7

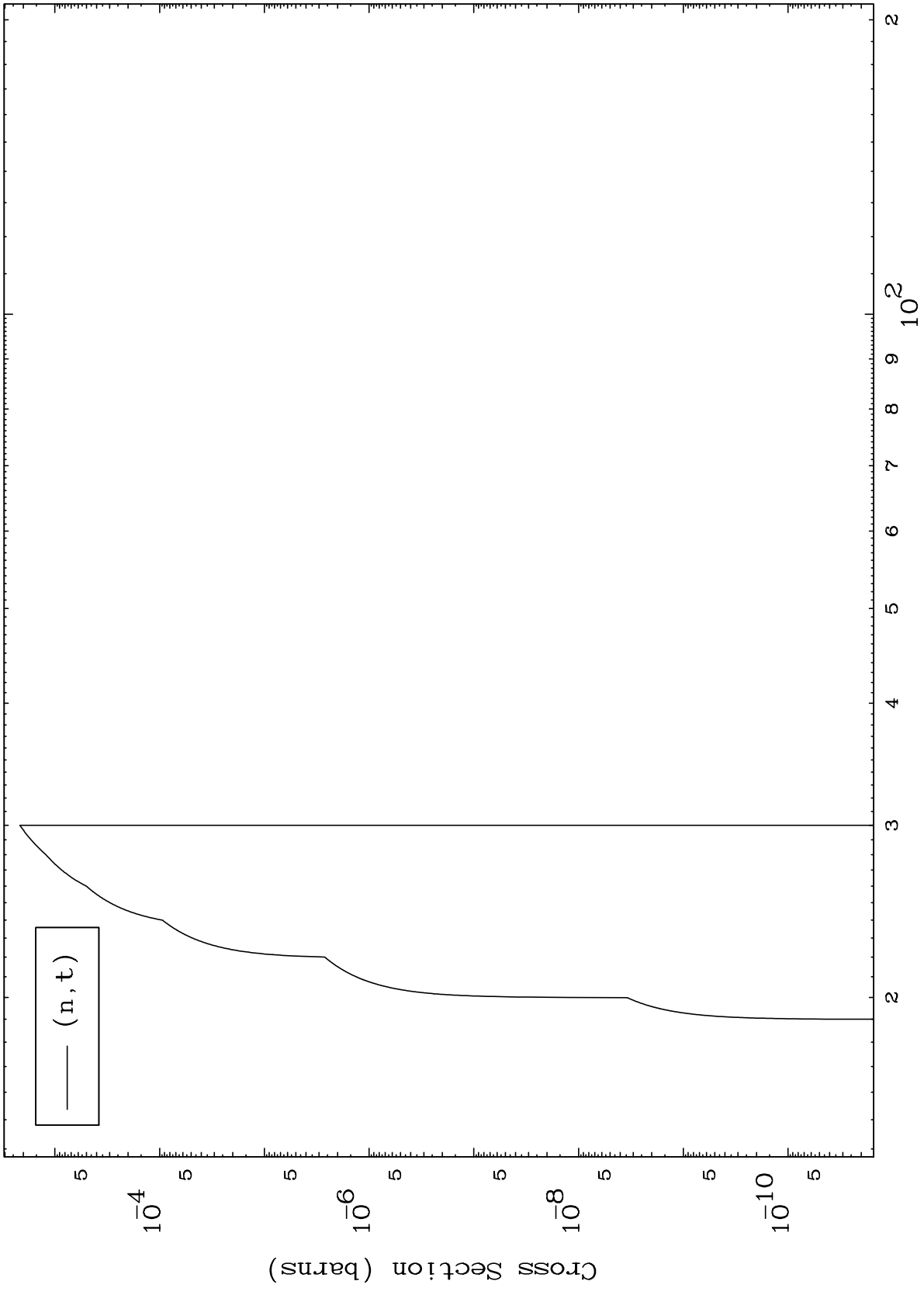
Incident Energy (MeV)

66-Dy-163

MAT 6646

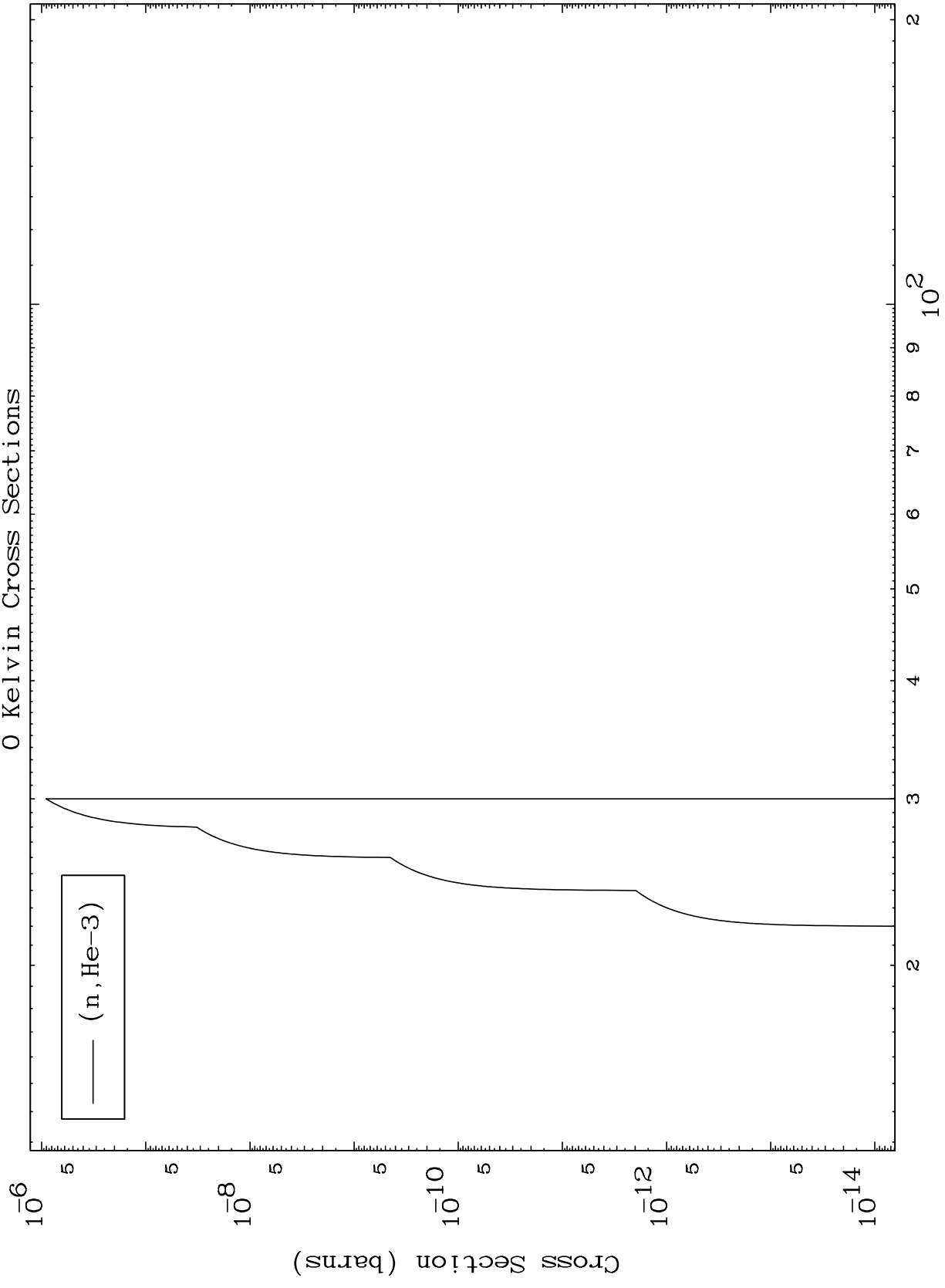
( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

66-Dy-163



8

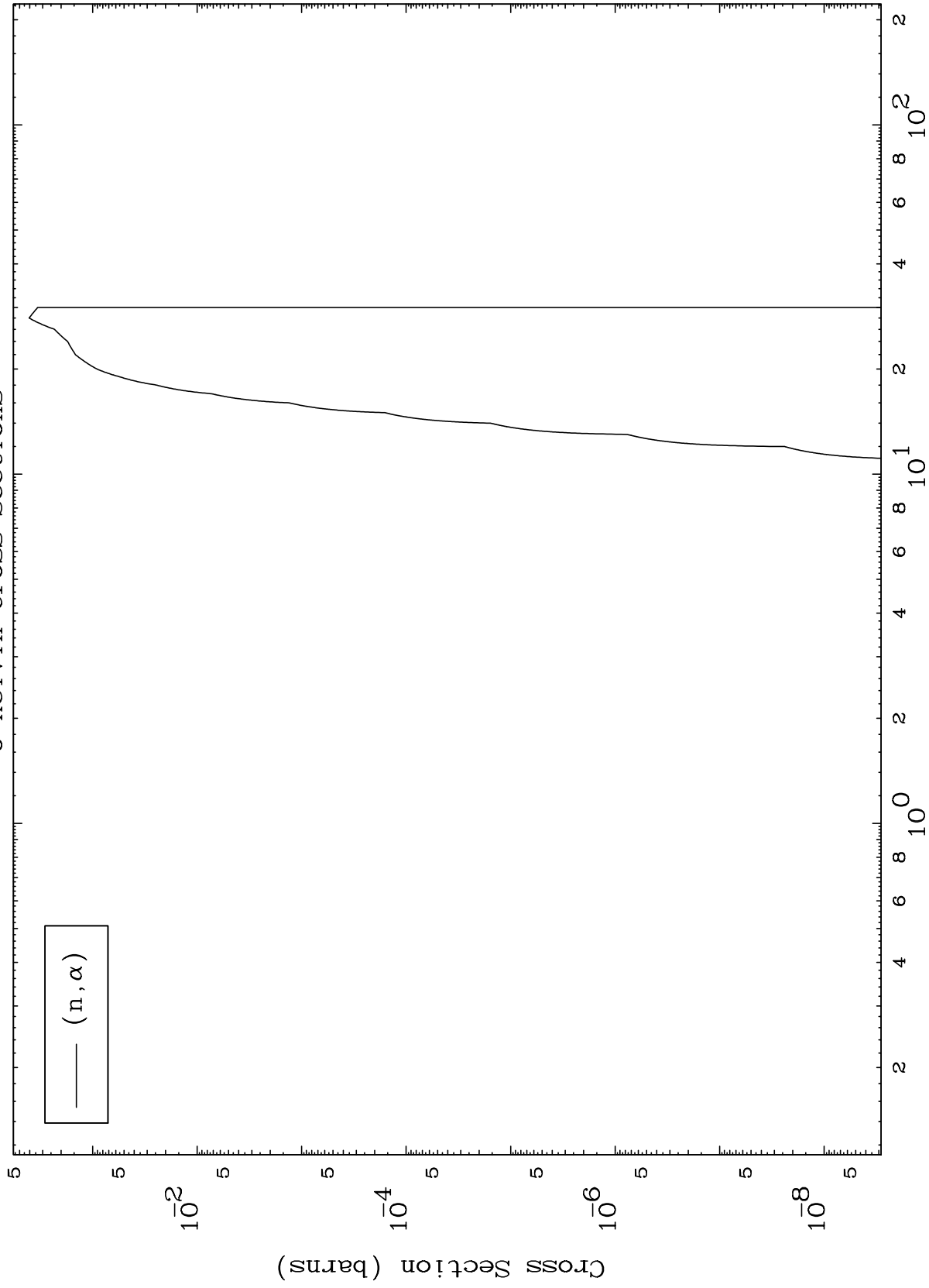
66-Dy-163



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

66-Dy-163



10

Incident Energy (MeV)

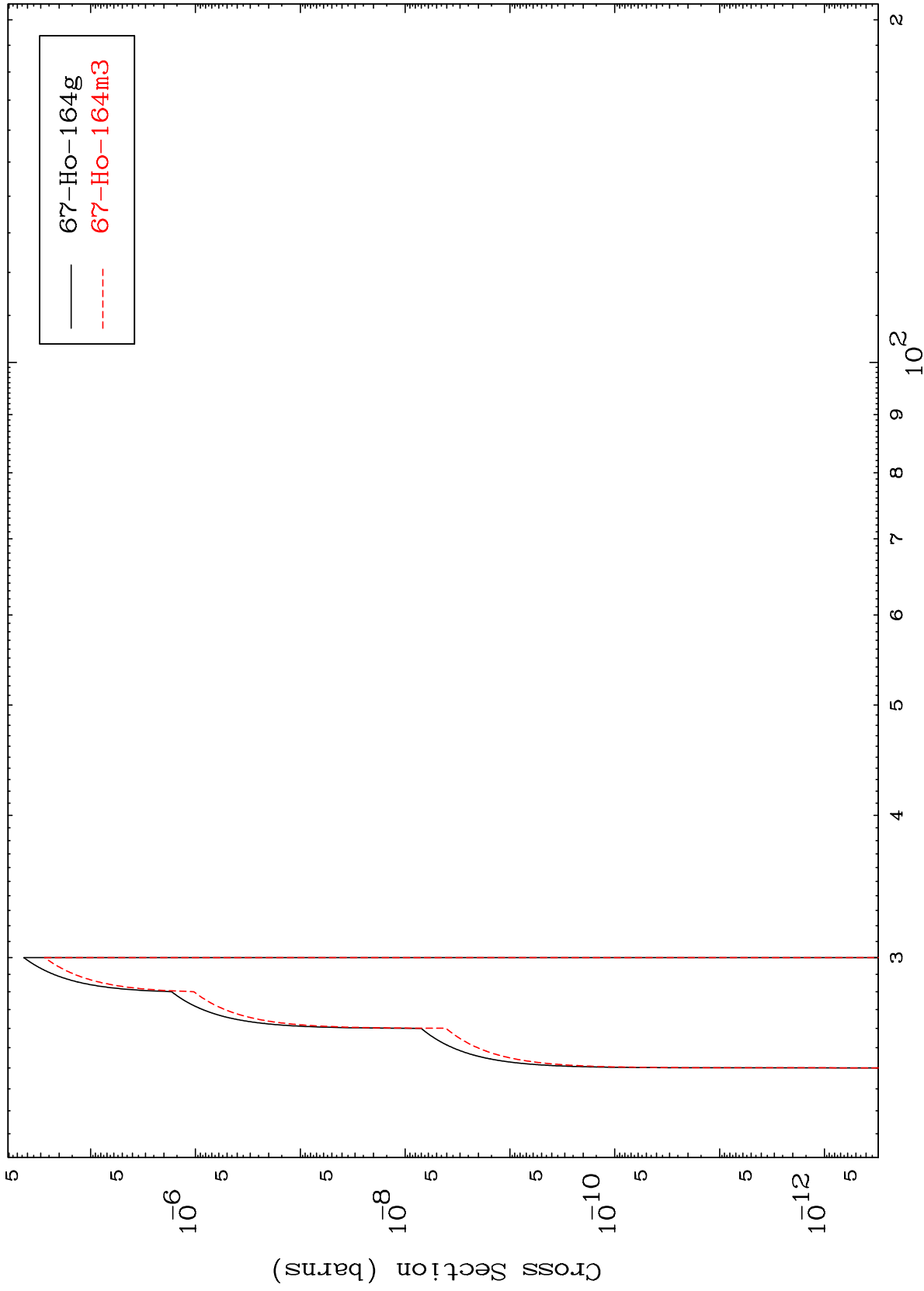
66-Dy-163

MAT 6646

(n,n') d

66-Dy-163

Radionuclide Production Cross Section



11

Incident Energy (MeV)

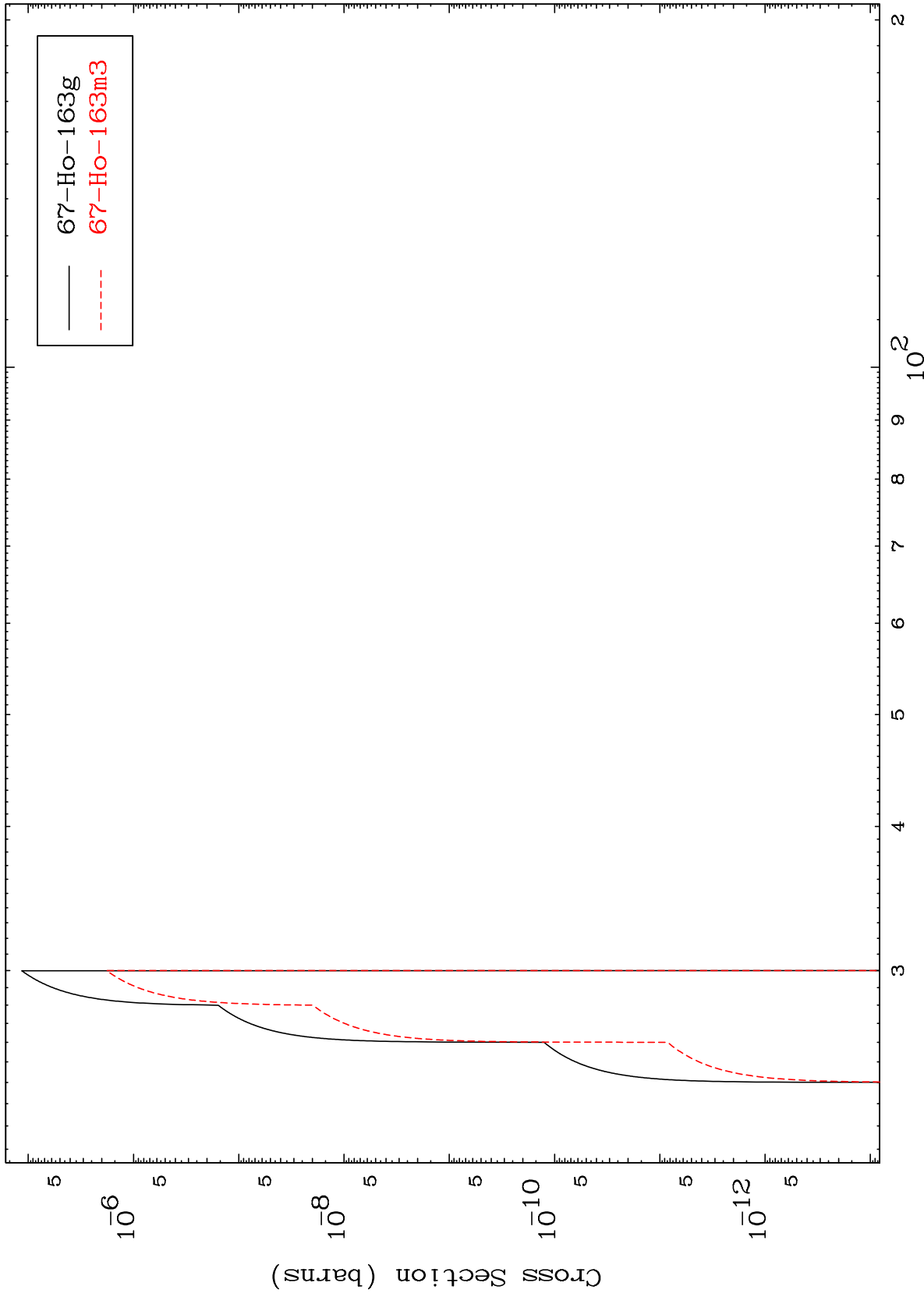
66-Dy-163

MAT 6646

(n,n') t

66-Dy-163

Radionuclide Production Cross Section



12

Incident Energy (MeV)

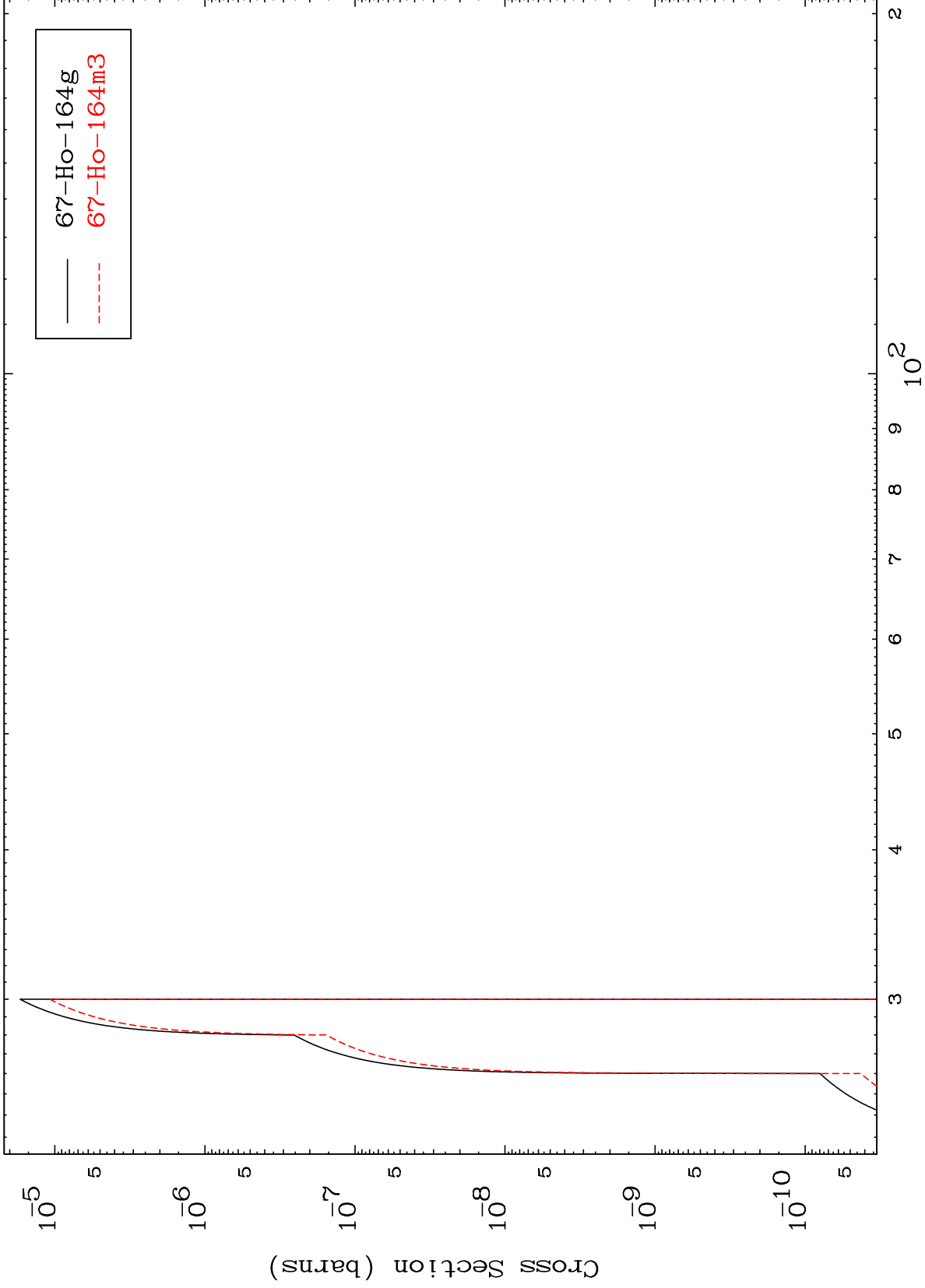
66-Dy-163

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(n,2n) p

66-Dy-163

Radionuclide Production Cross Section



13

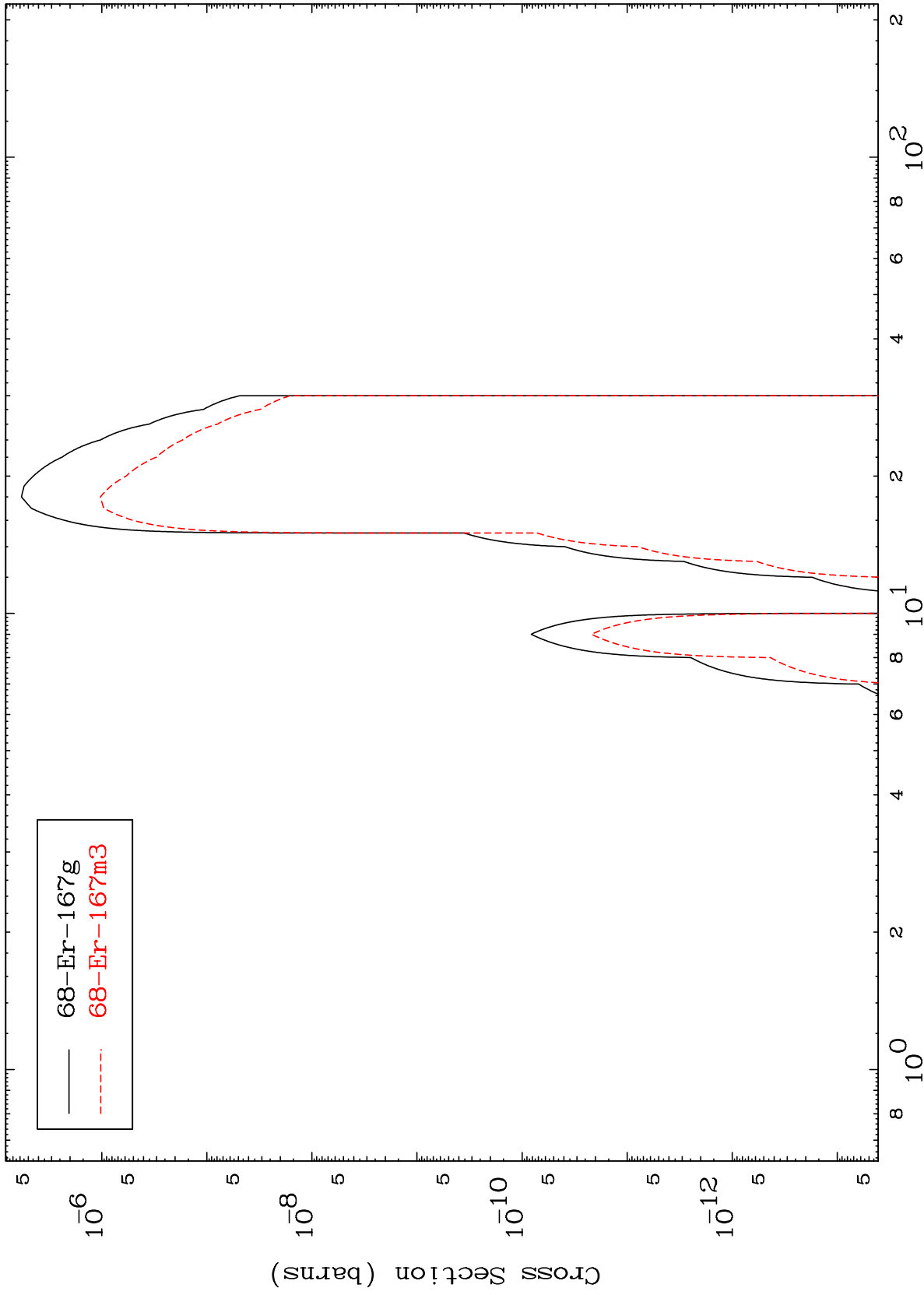
Incident Energy (MeV)

66-Dy-163

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66-Dy-163

Radionuclide Production Cross Section  
(n,γ)



14

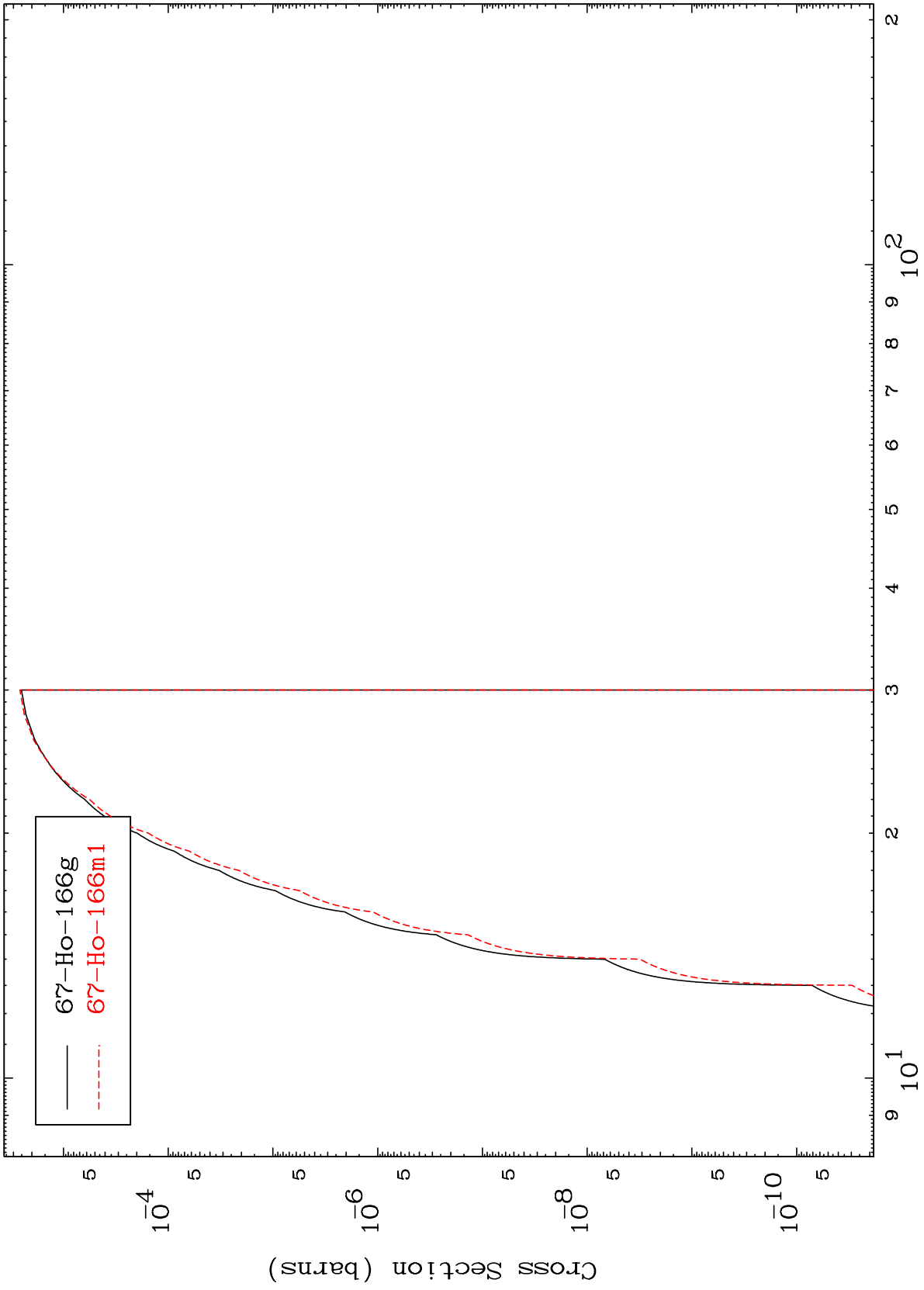
Incident Energy (MeV)

66-Dy-163

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66-Dy-163

Radionuclide Production Cross Section  
(n,p)



15

Incident Energy (MeV)

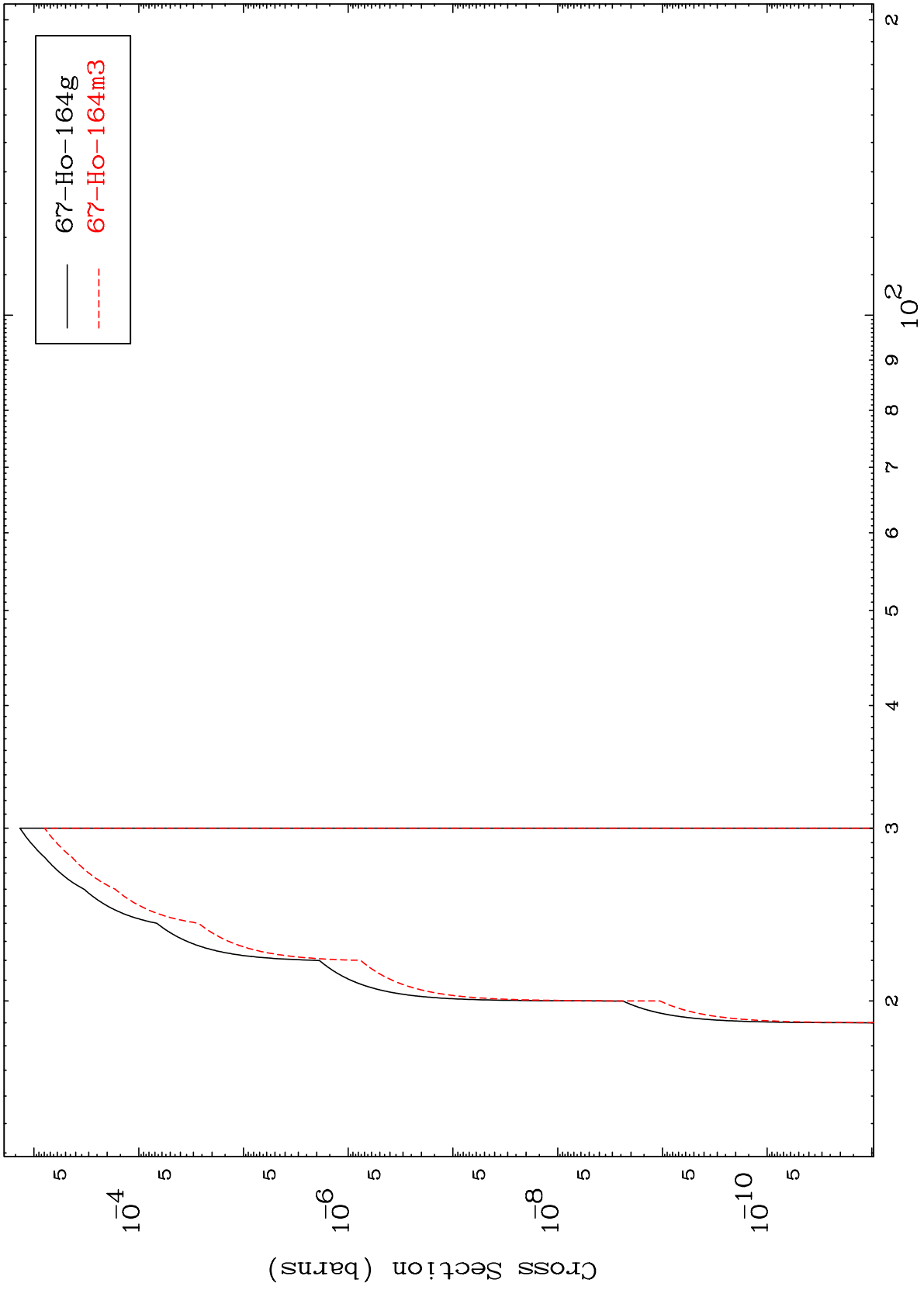
66-Dy-163

MAT 6646

(n, t)

66-Dy-163

Radionuclide Production Cross Section



16

Incident Energy (MeV)

66-Dy-163