

Program EVALPLOT  
(Version 2021-1)

by

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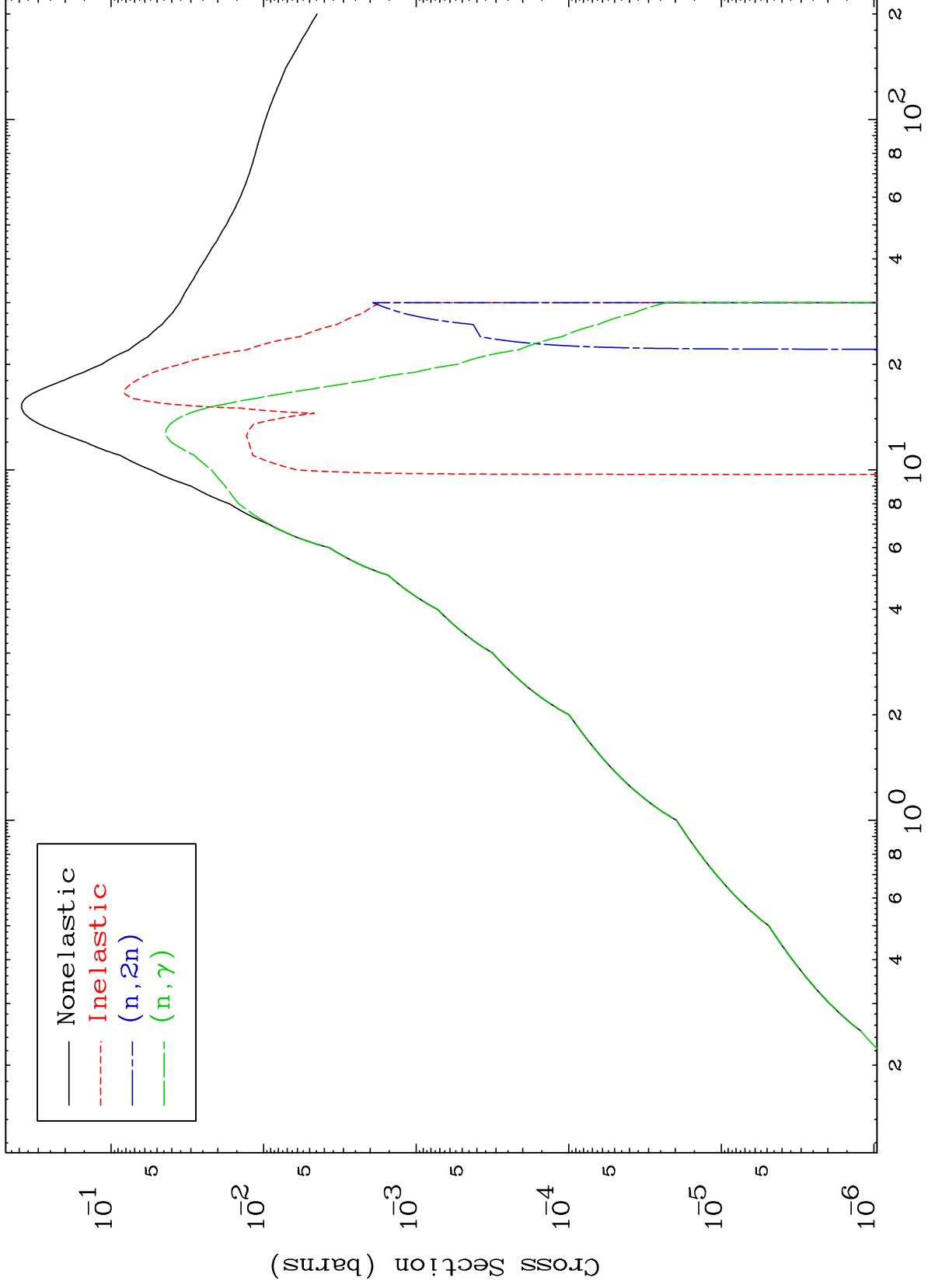
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6598

Photon Major  
0 Kelvin Cross Sections

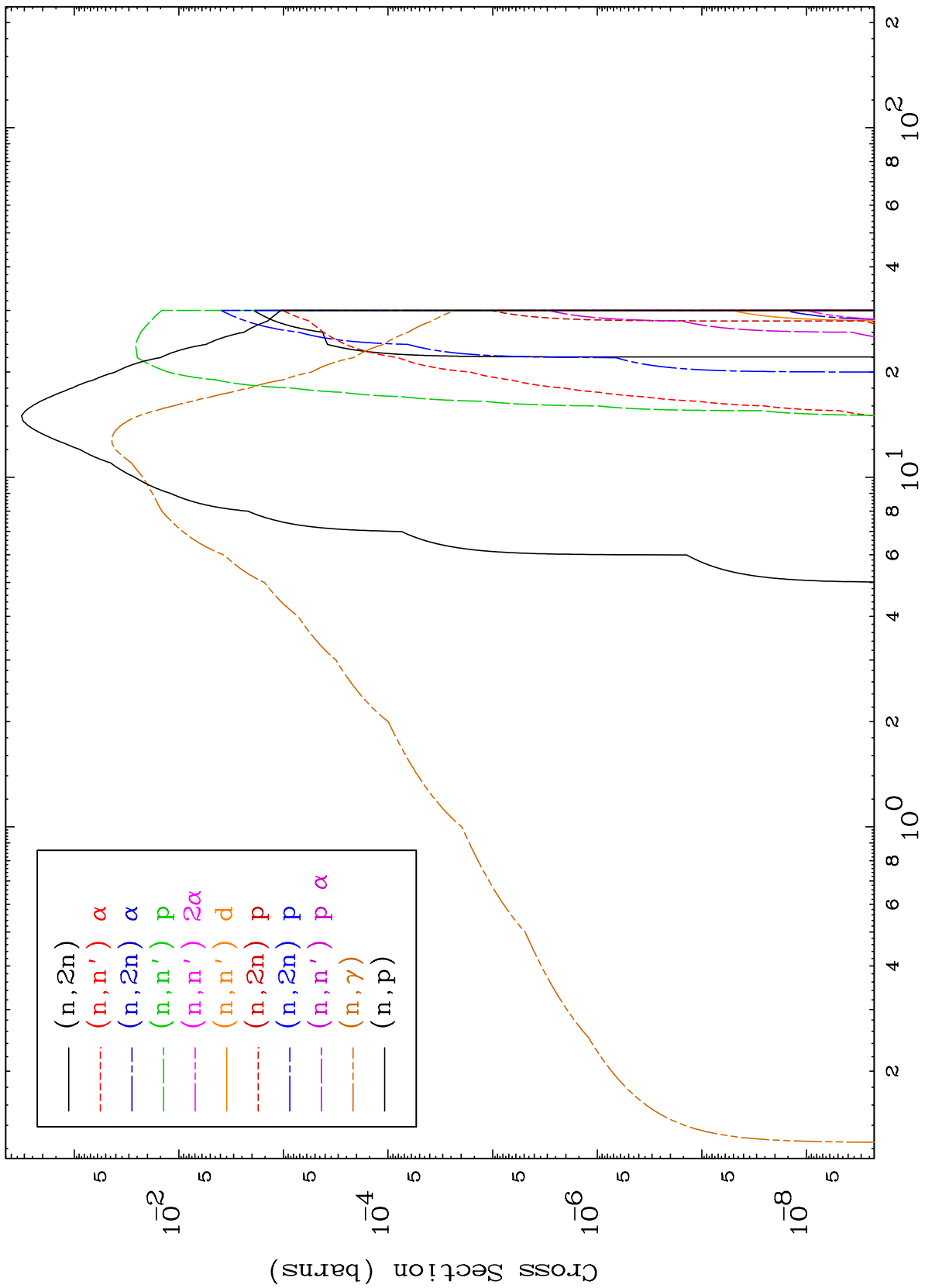
66-Dy-147

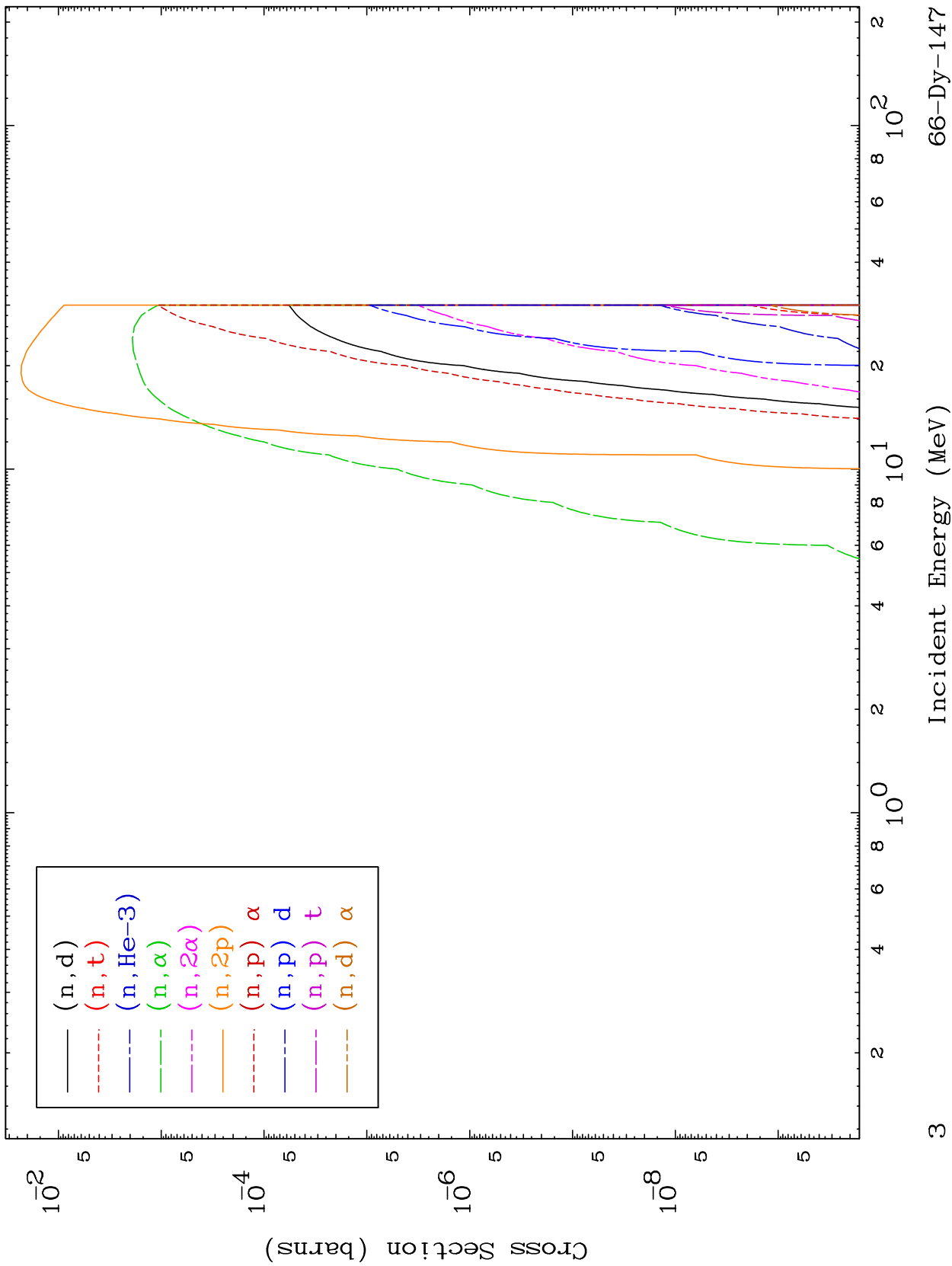


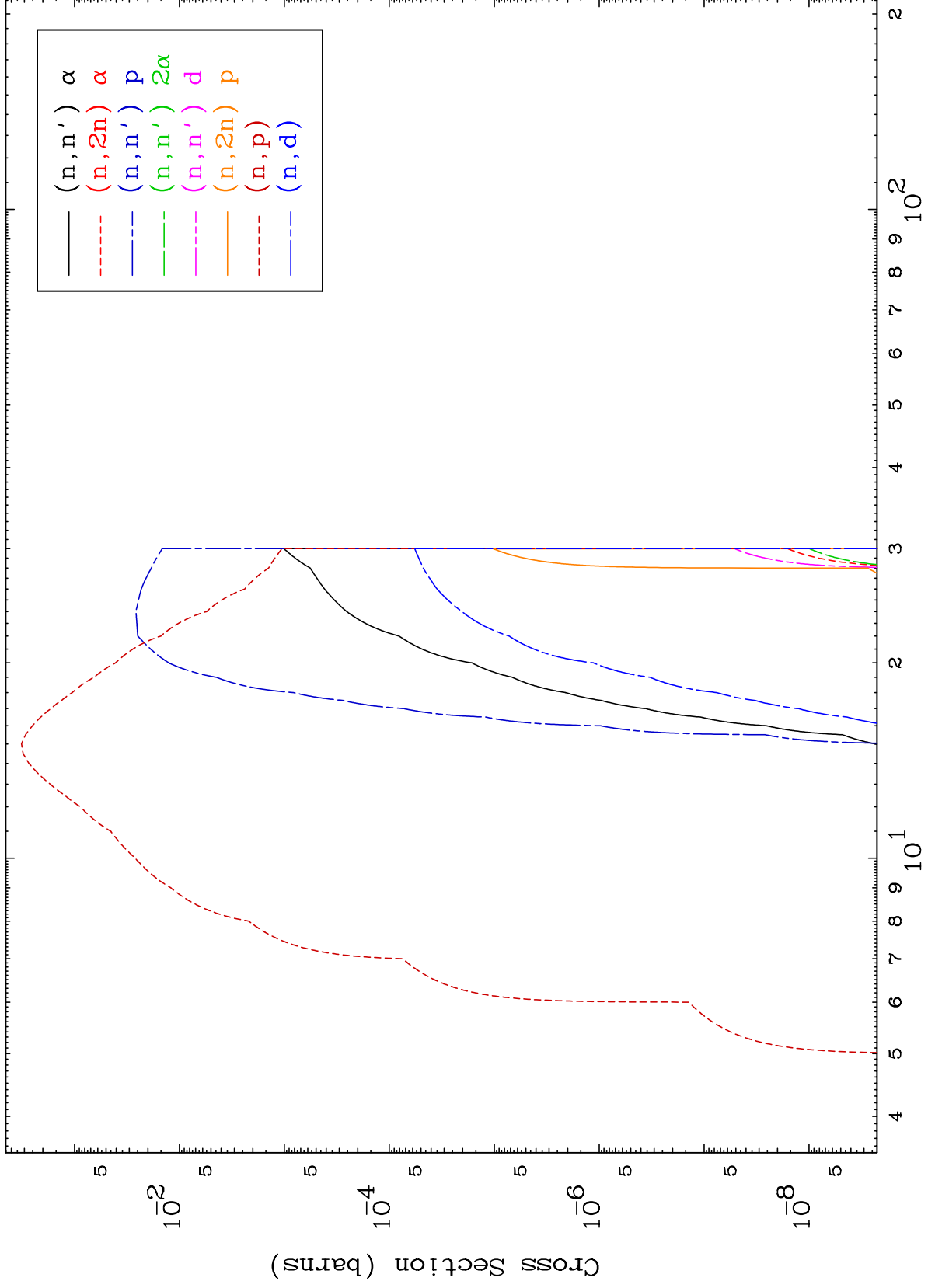
MAT 6598

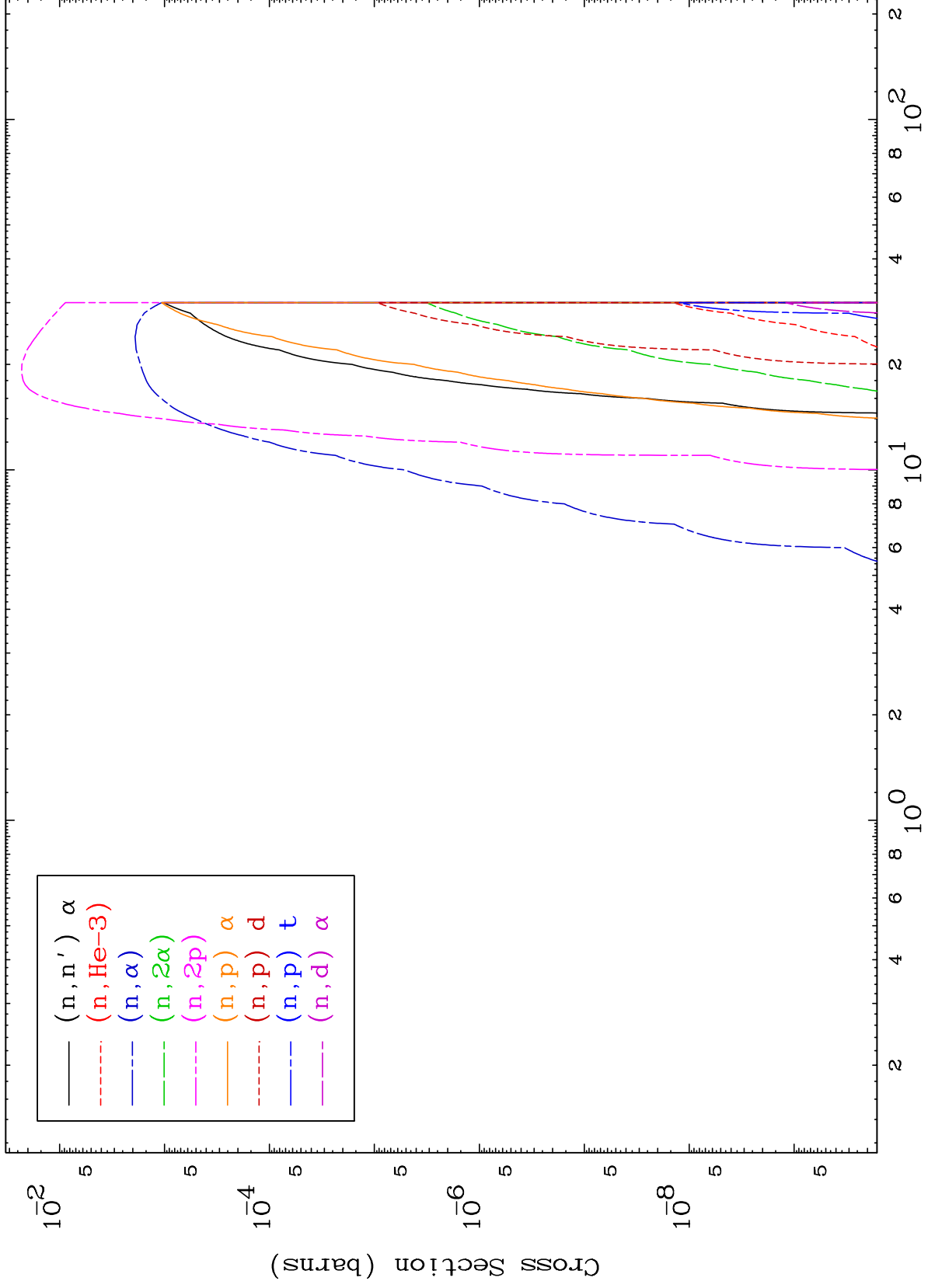
Photon Neutron Absorption  
0 Kelvin Cross Sections

66-Dy-147







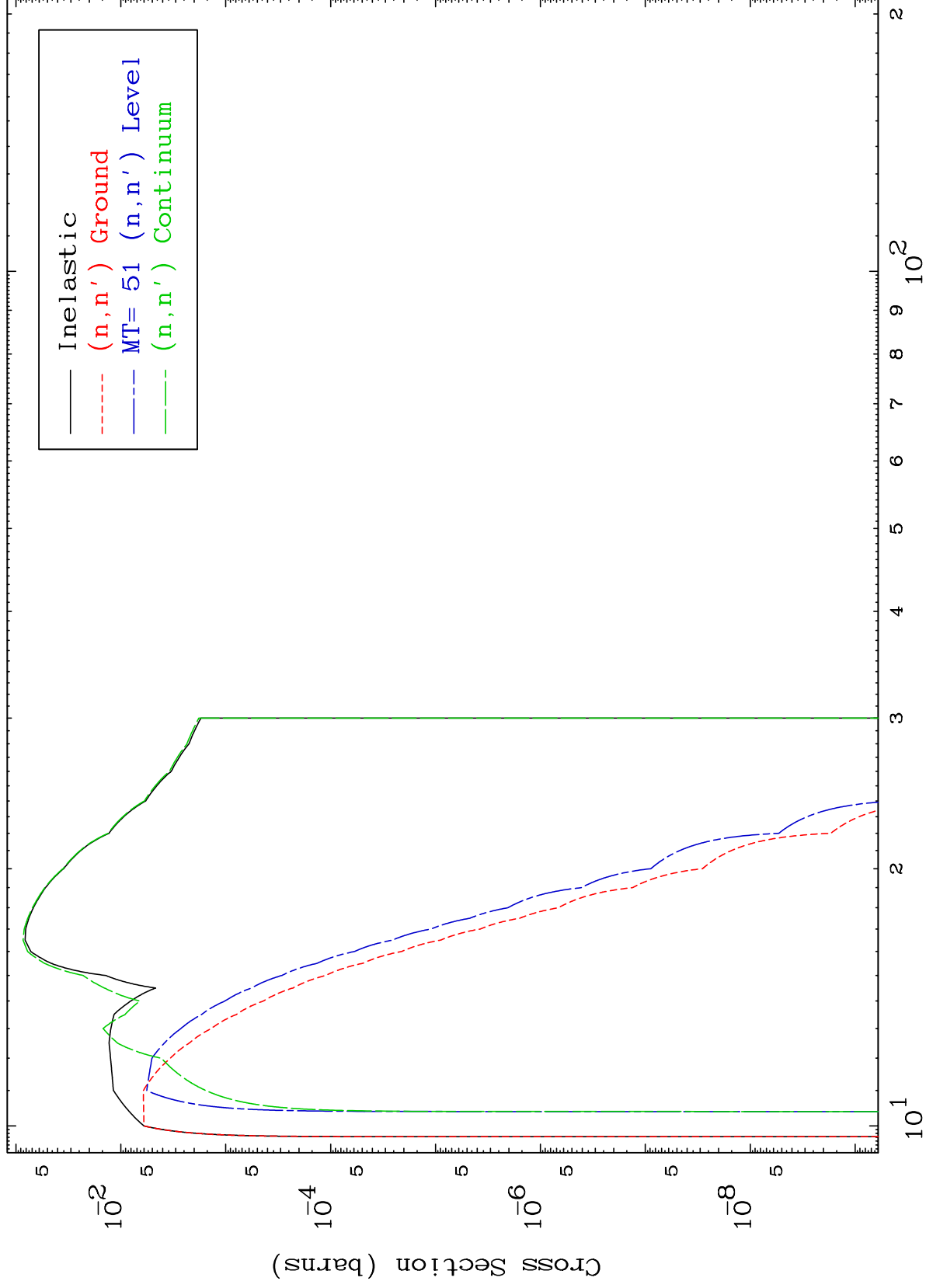


MAT 6598

( $\gamma, n'$ ) Levels

66-Dy-147

0 Kelvin Cross Sections



Incident Energy (MeV)

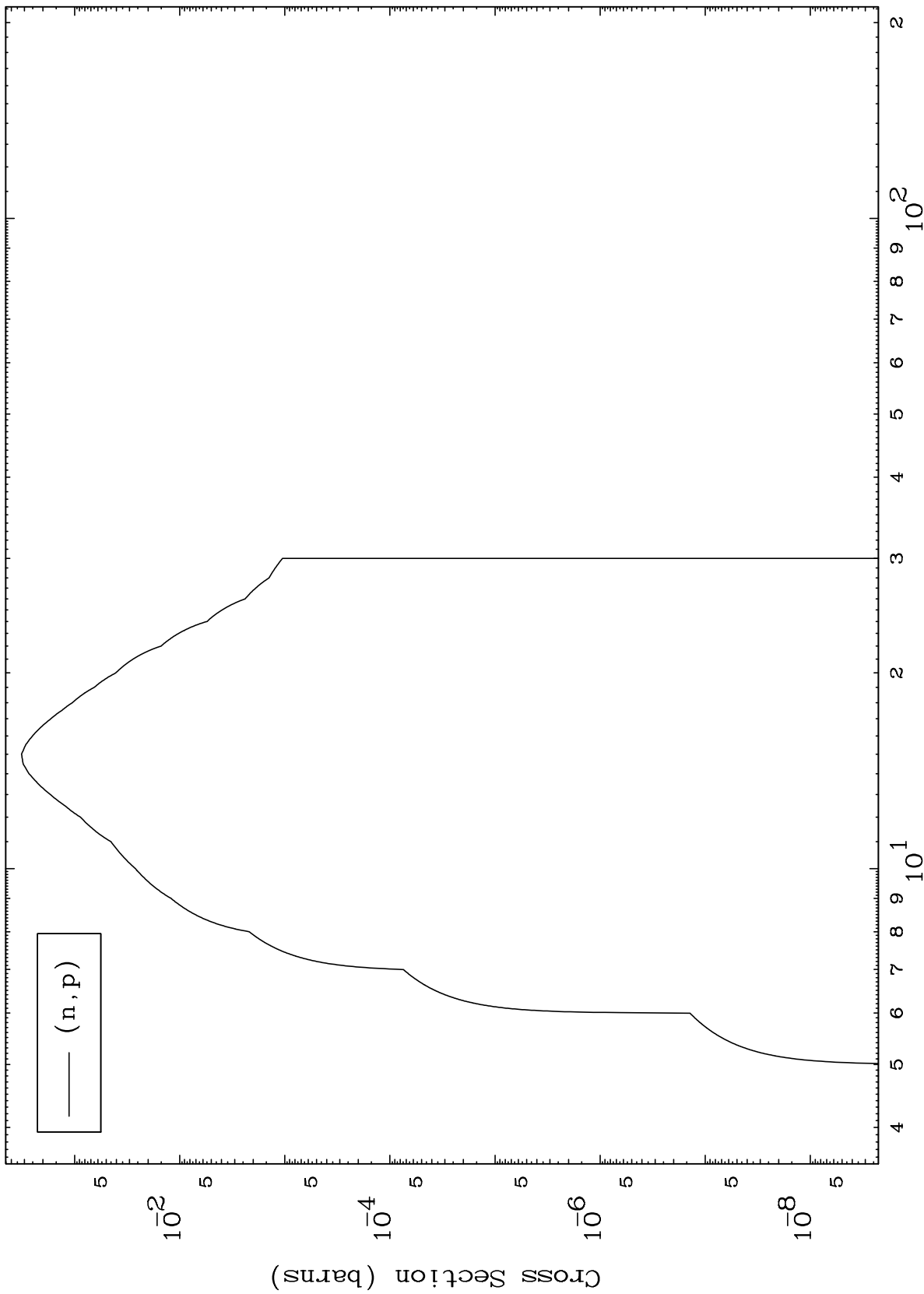
66-Dy-147

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( $\gamma, p$ ) Levels

66-Dy-147

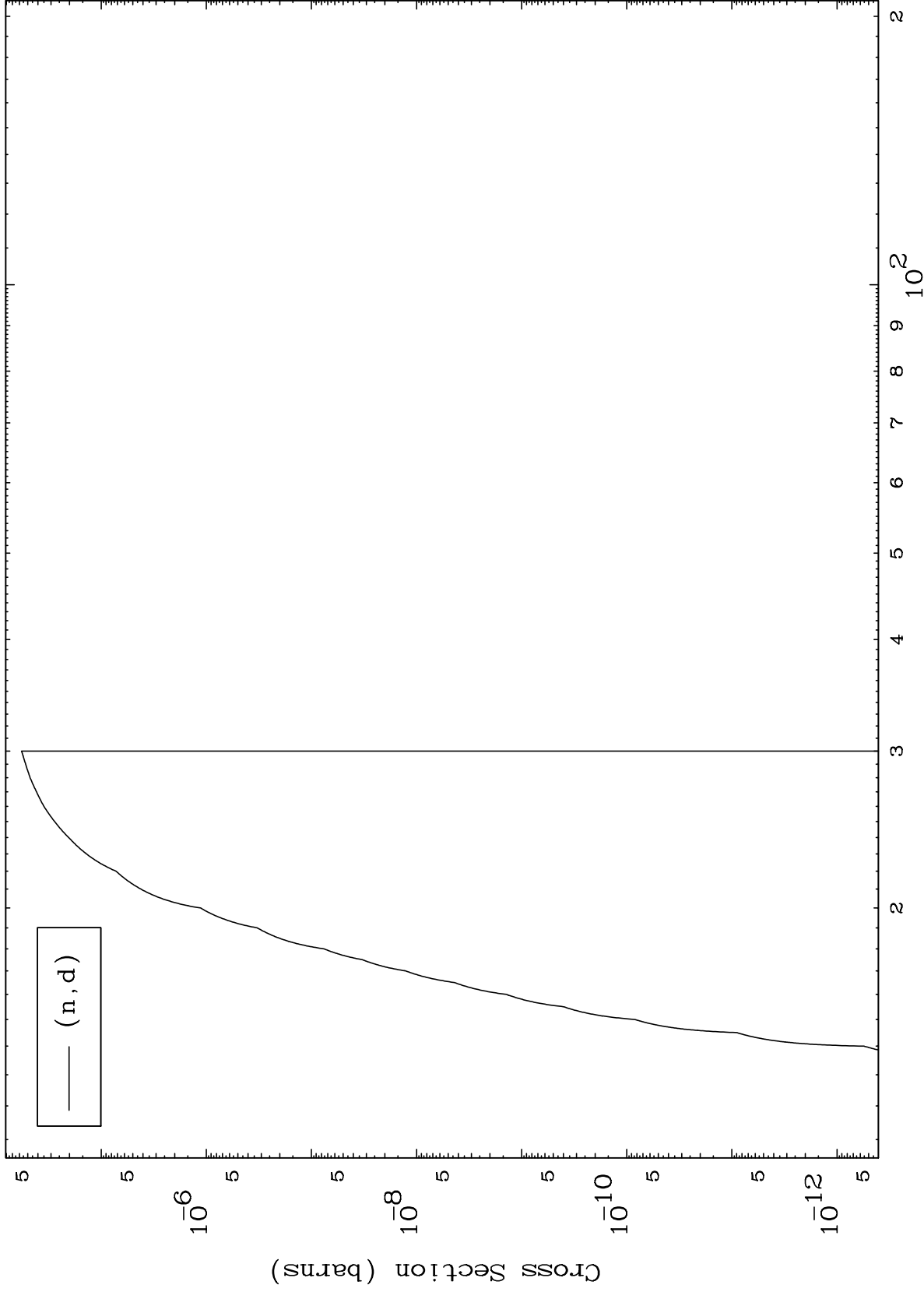
0 Kelvin Cross Sections

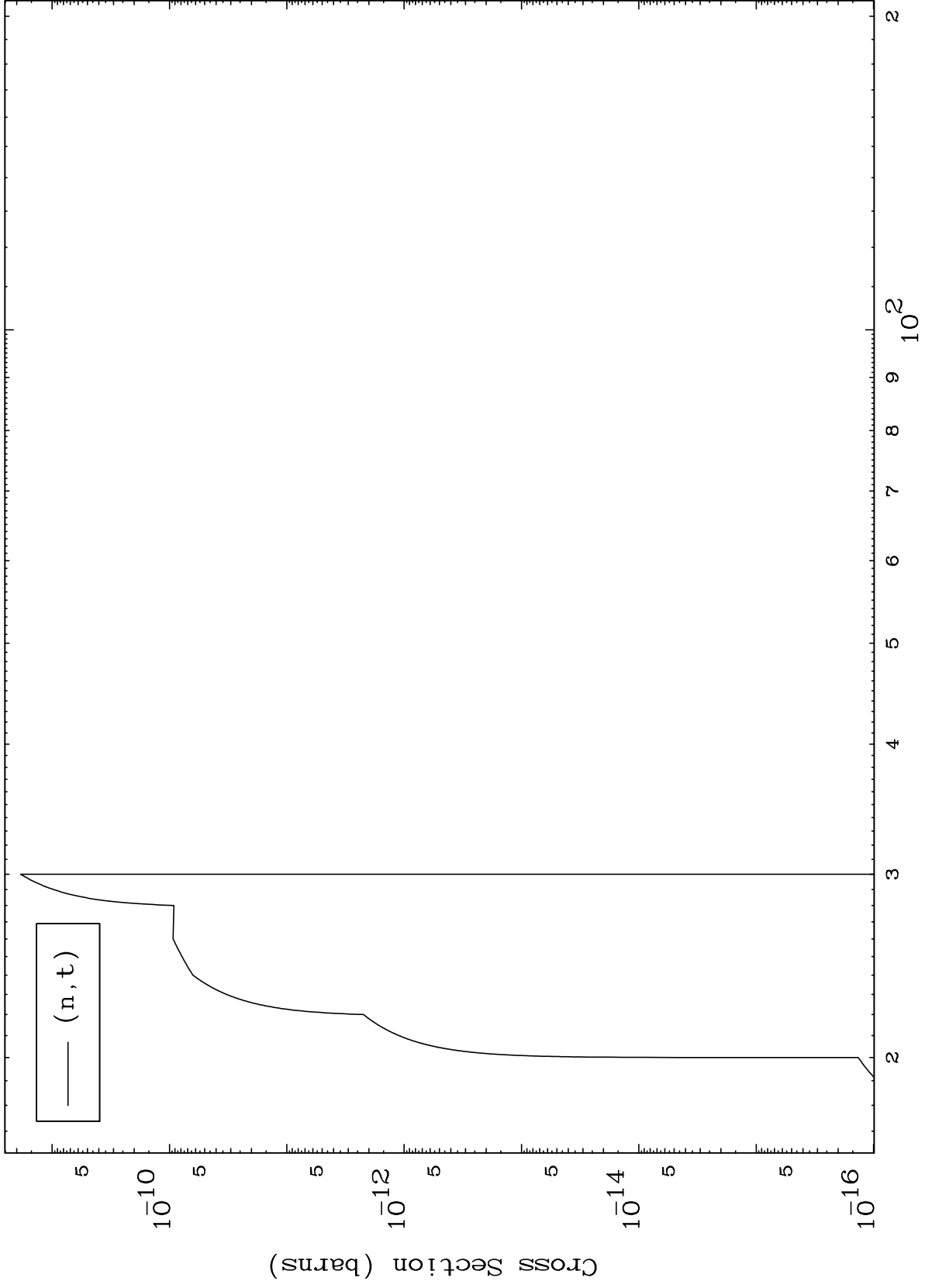


7

Incident Energy (MeV)

66-Dy-147

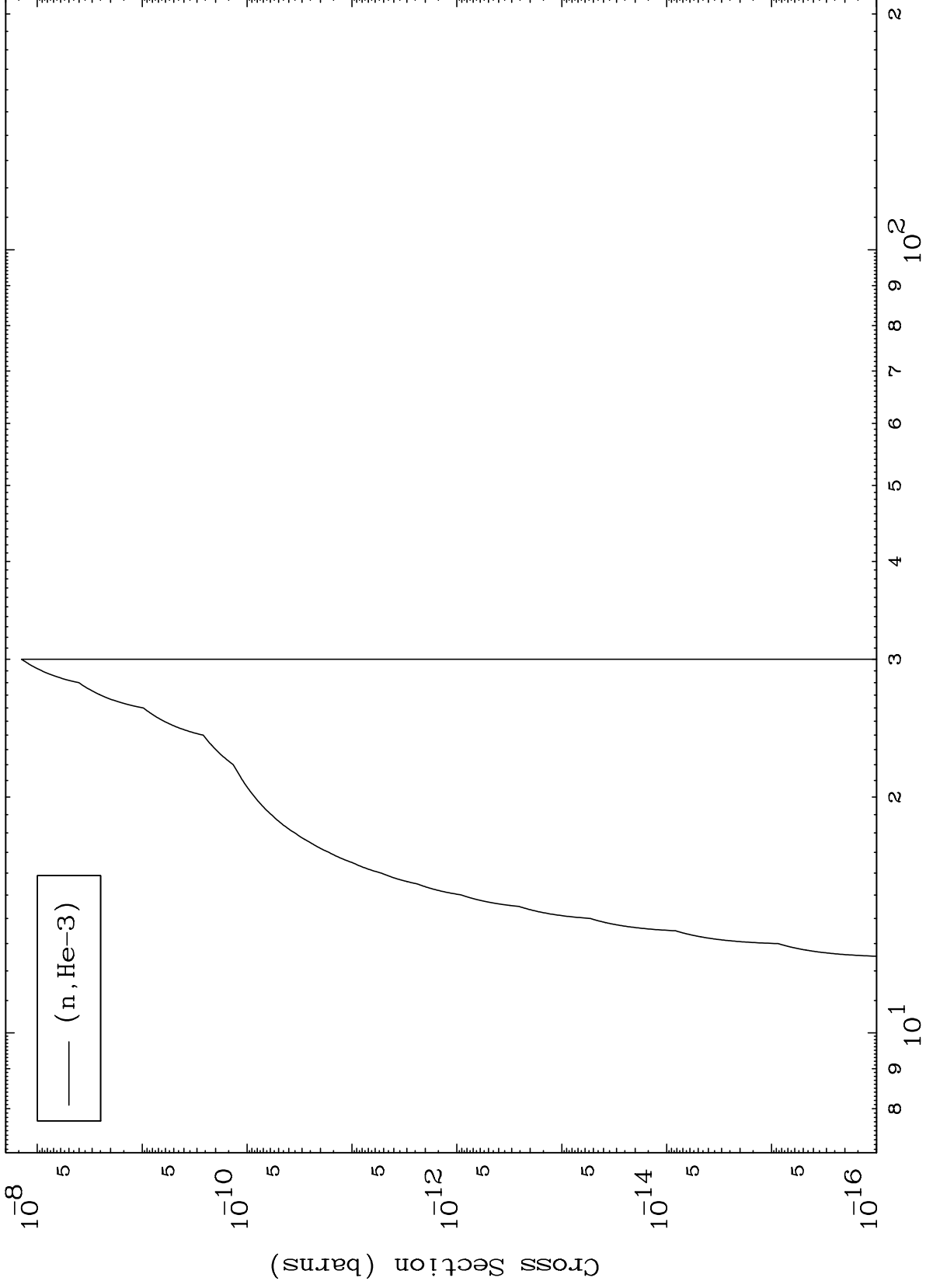




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( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

66-Dy-147



(n, He-3)

10

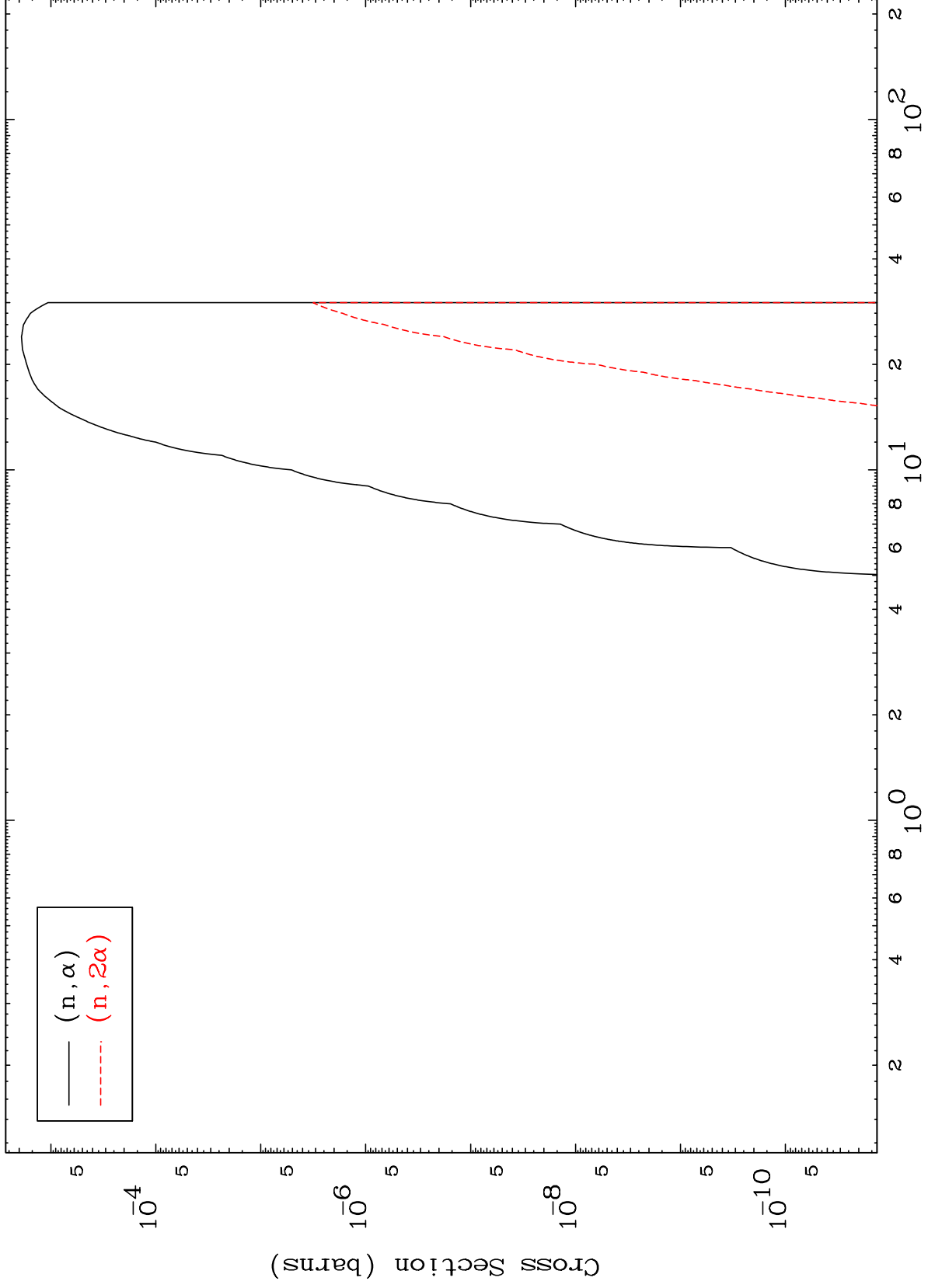
Incident Energy (MeV)

66-Dy-147

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

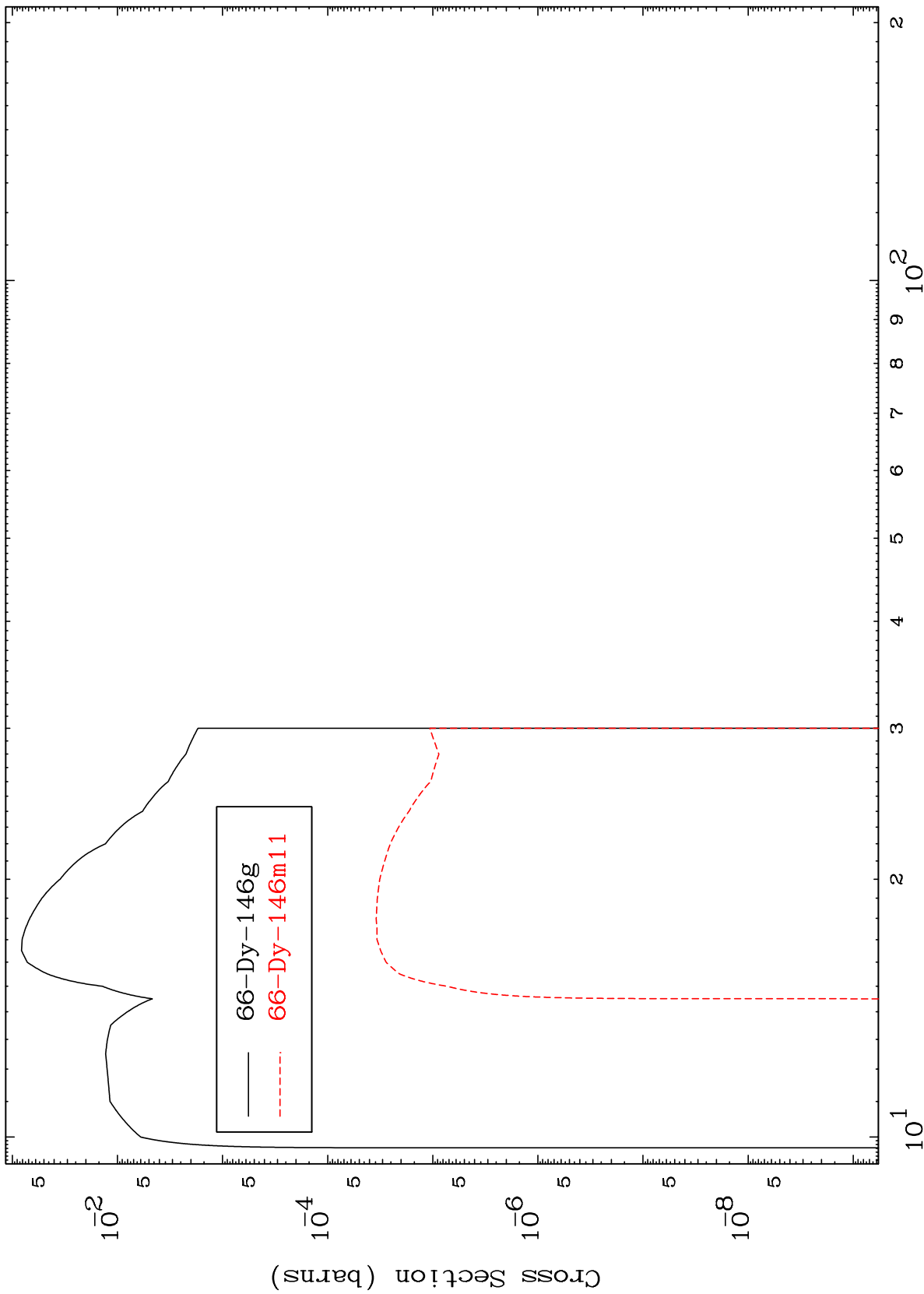
66-Dy-147



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66-Dy-147

### Inelastic Radionuclide Production Cross Section



66-Dy-147

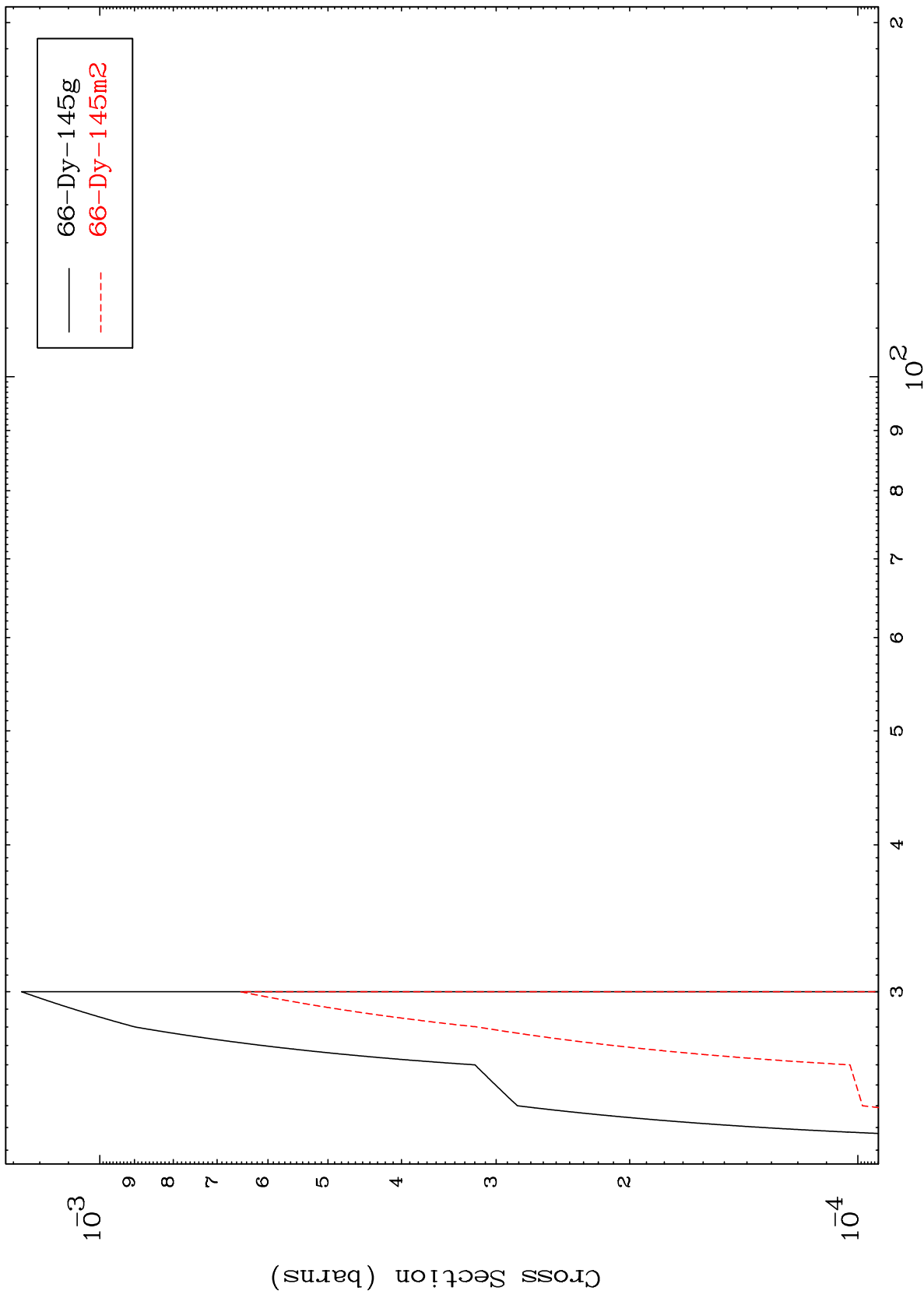
Incident Energy (MeV)

12

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66-Dy-147

(n,2n)  
Radionuclide Production Cross Section



13

66-Dy-147

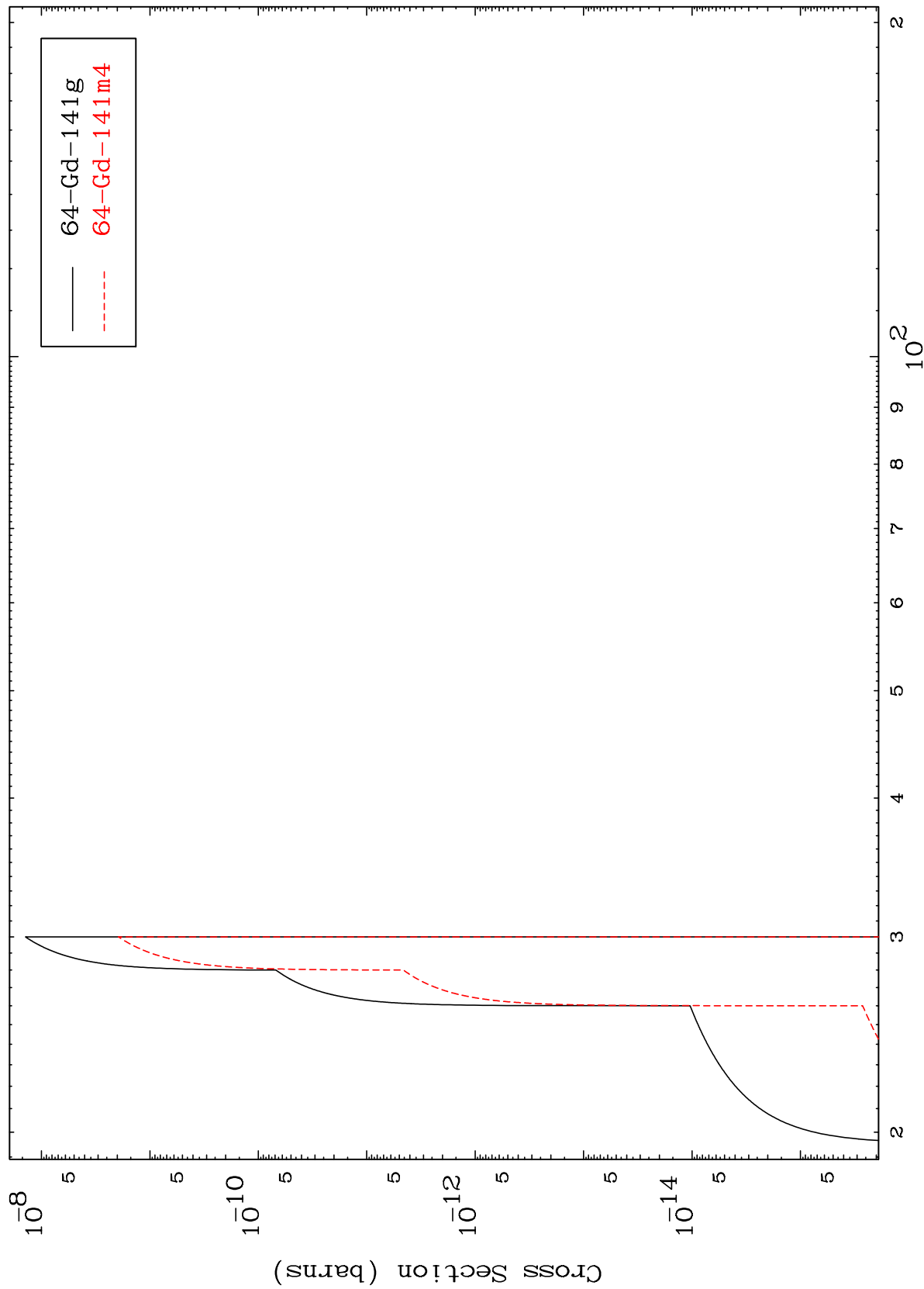
Incident Energy (MeV)

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(n,2n)  $\alpha$

66-Dy-147

Radionuclide Production Cross Section

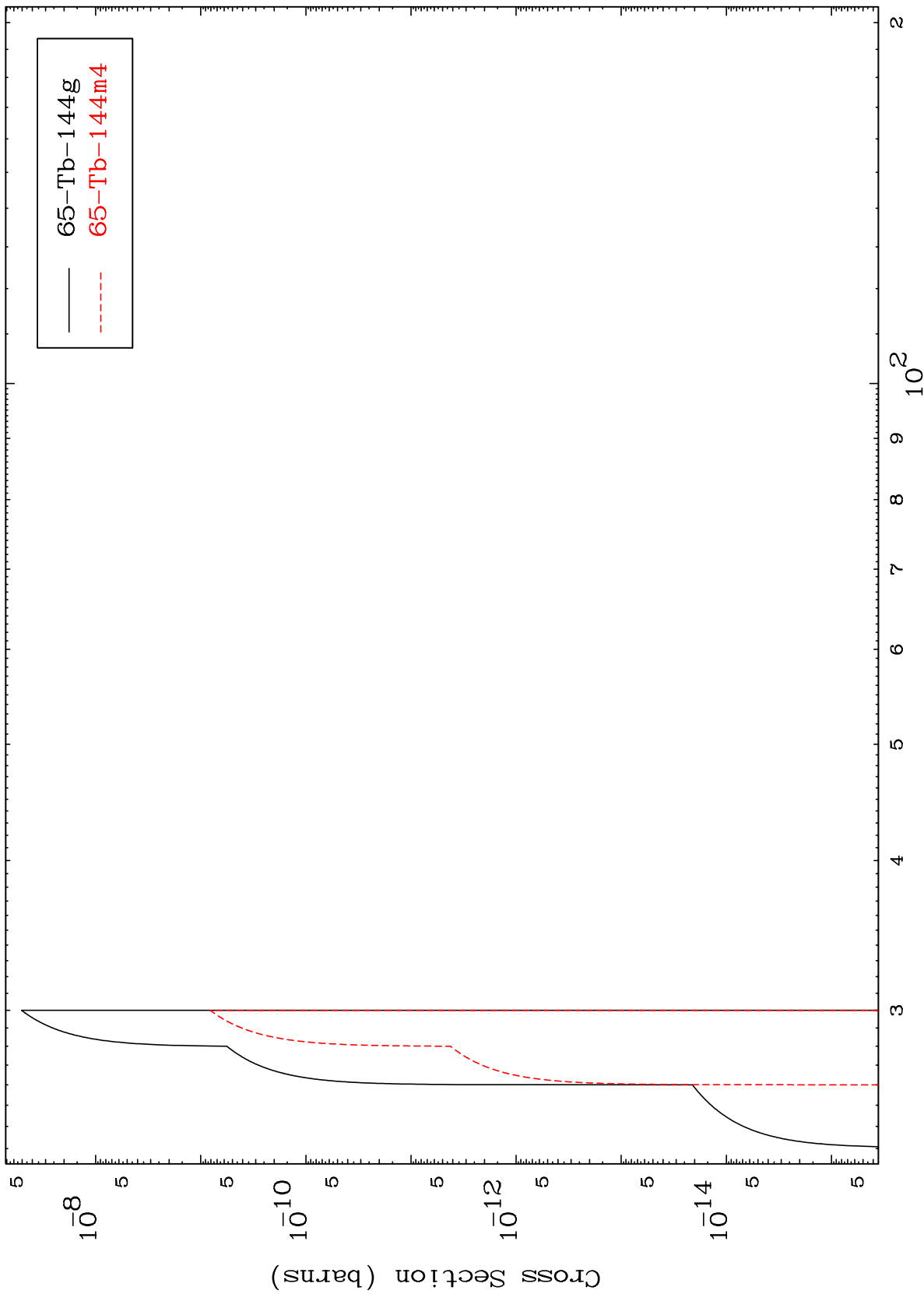


14

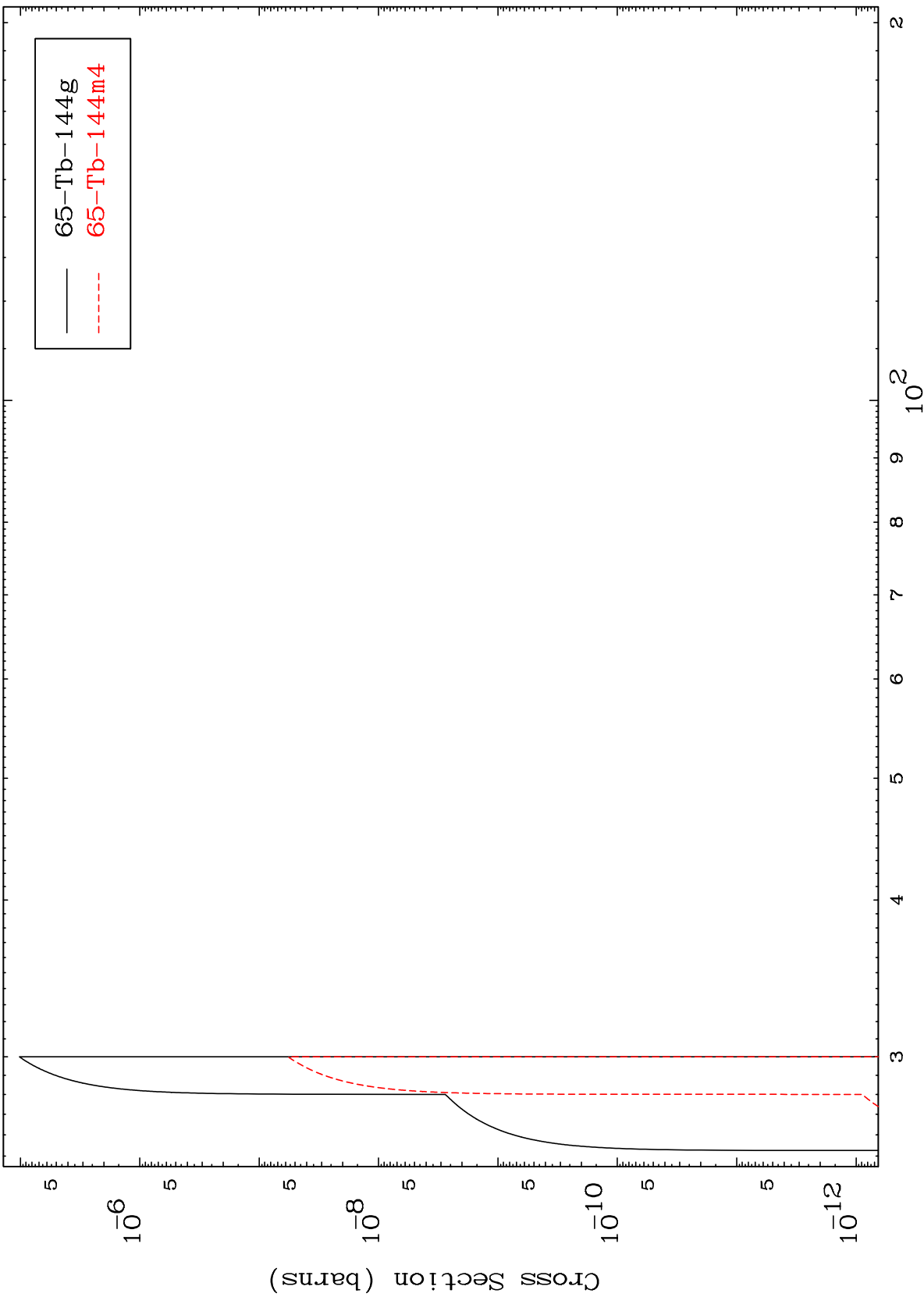
Incident Energy (MeV)

66-Dy-147

Radionuclide Production Cross Section



Radionuclide Production Cross Section



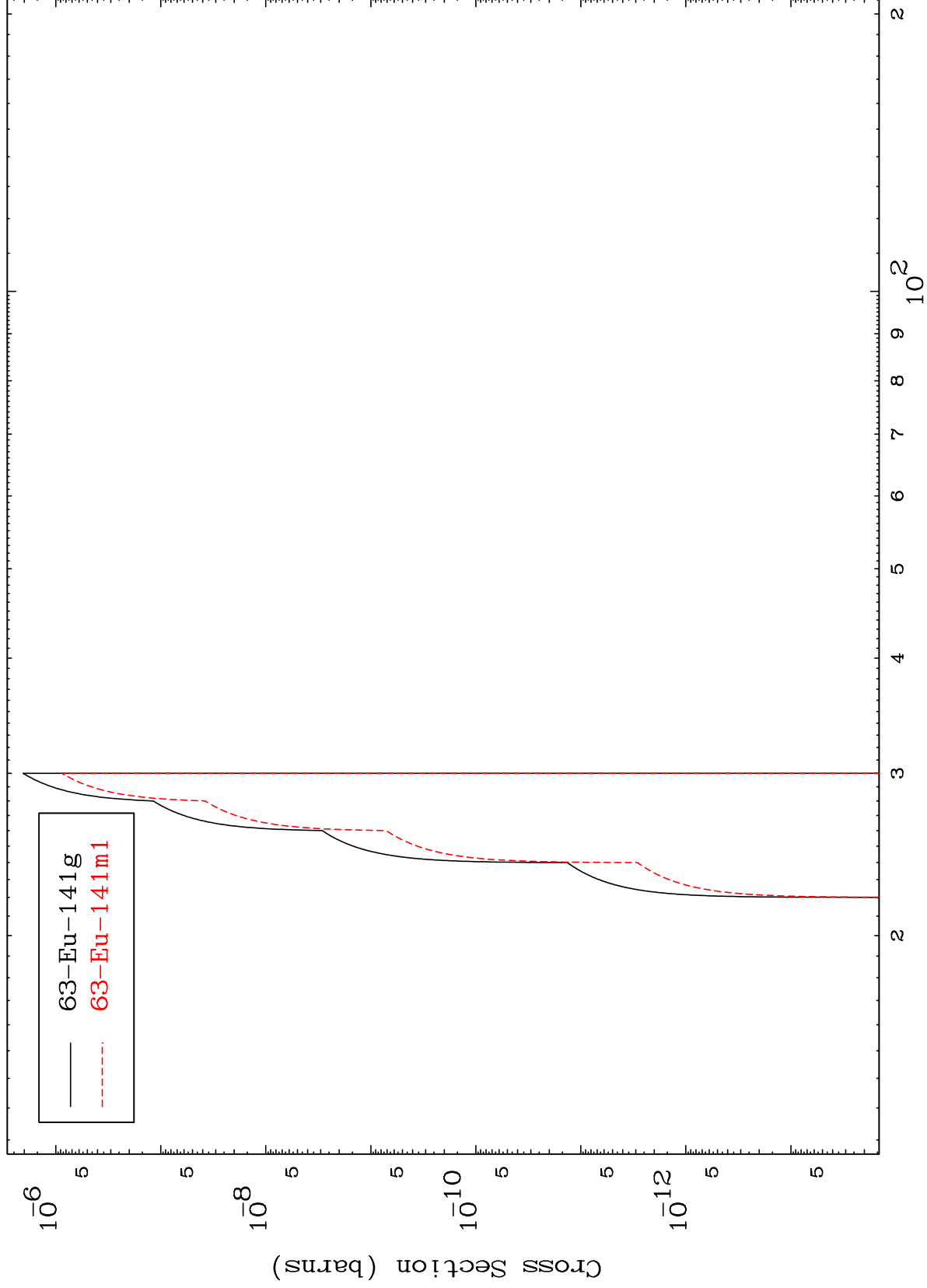
65-Tb-144g  
65-Tb-144m4

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(n,n') p  $\alpha$

66-Dy-147

Radionuclide Production Cross Section



17

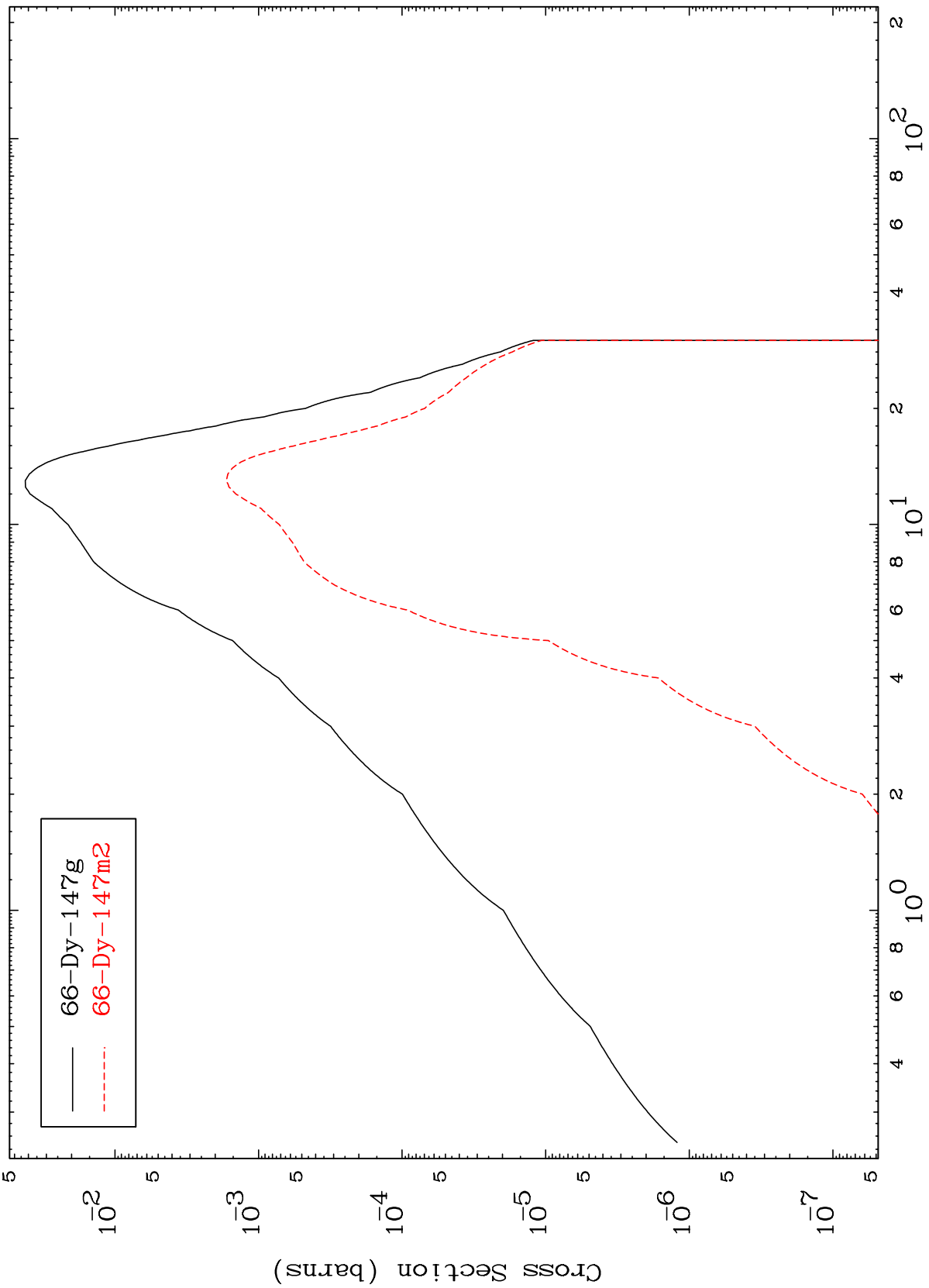
Incident Energy (MeV)

66-Dy-147

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66-Dy-147

(n,  $\gamma$ )  
Radionuclide Production Cross Section



— 66-Dy-147g  
- - - 66-Dy-147m2

18

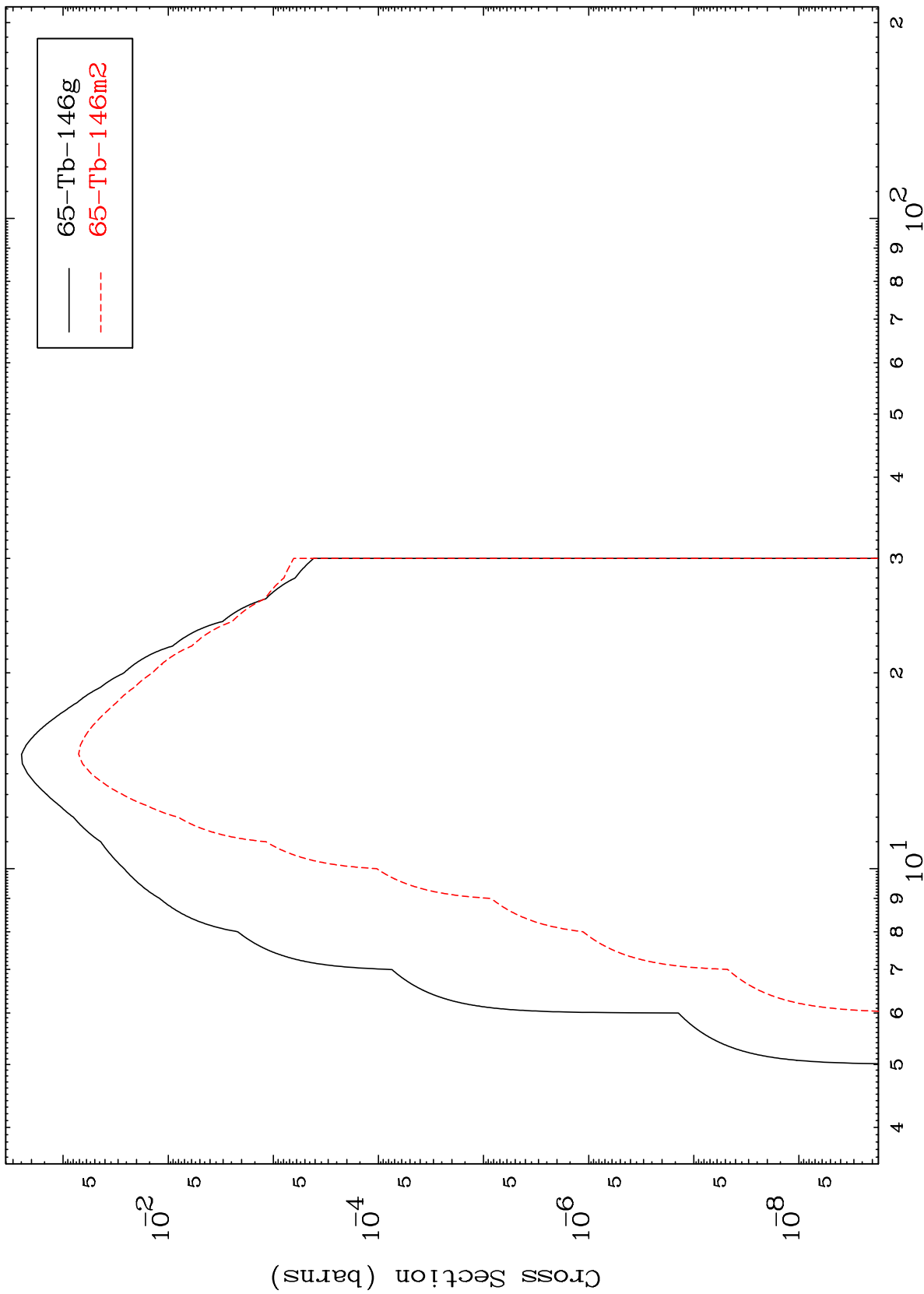
Incident Energy (MeV)

66-Dy-147

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66-Dy-147

(n,p)  
Radionuclide Production Cross Section

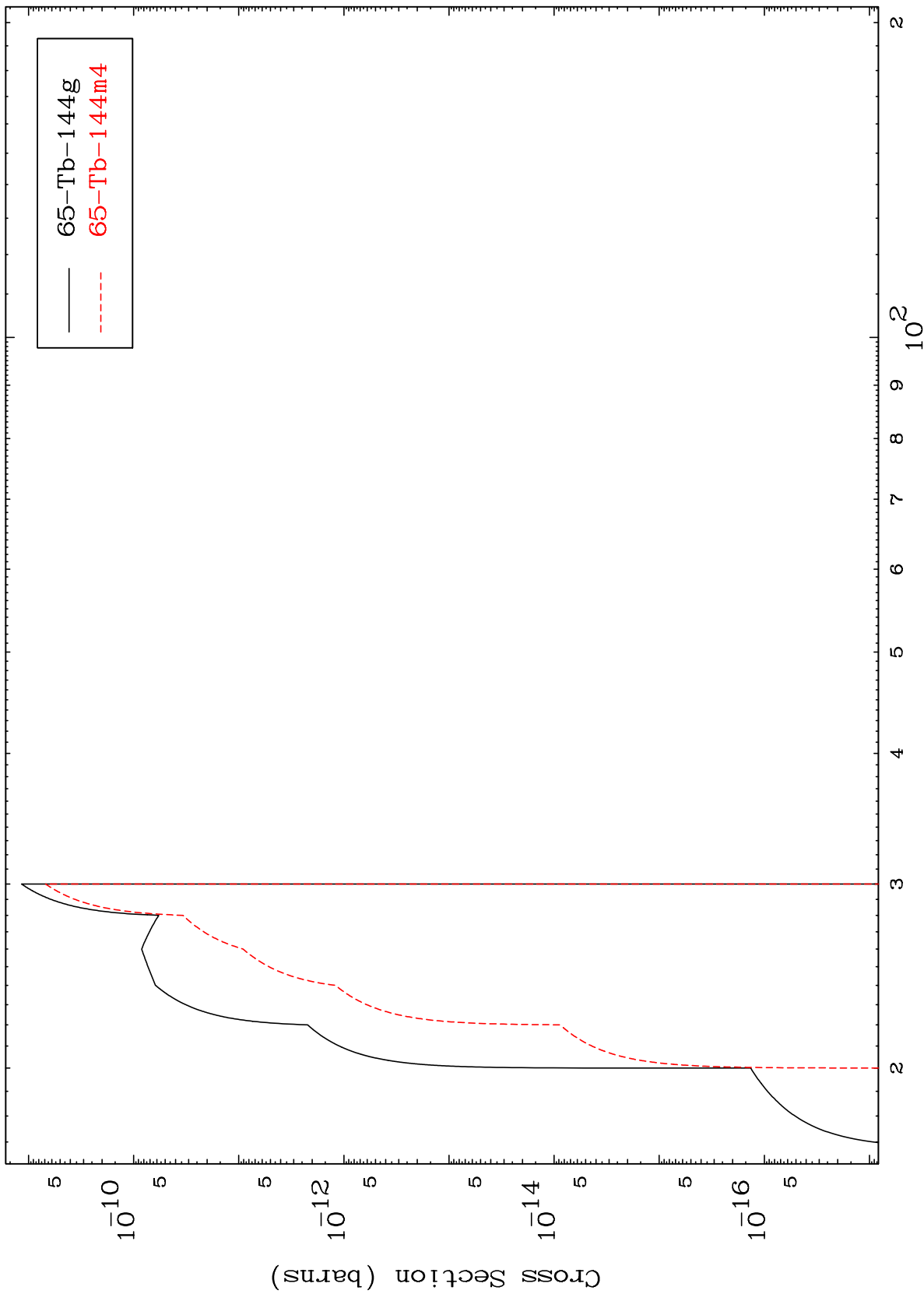


66-Dy-147

Incident Energy (MeV)

19

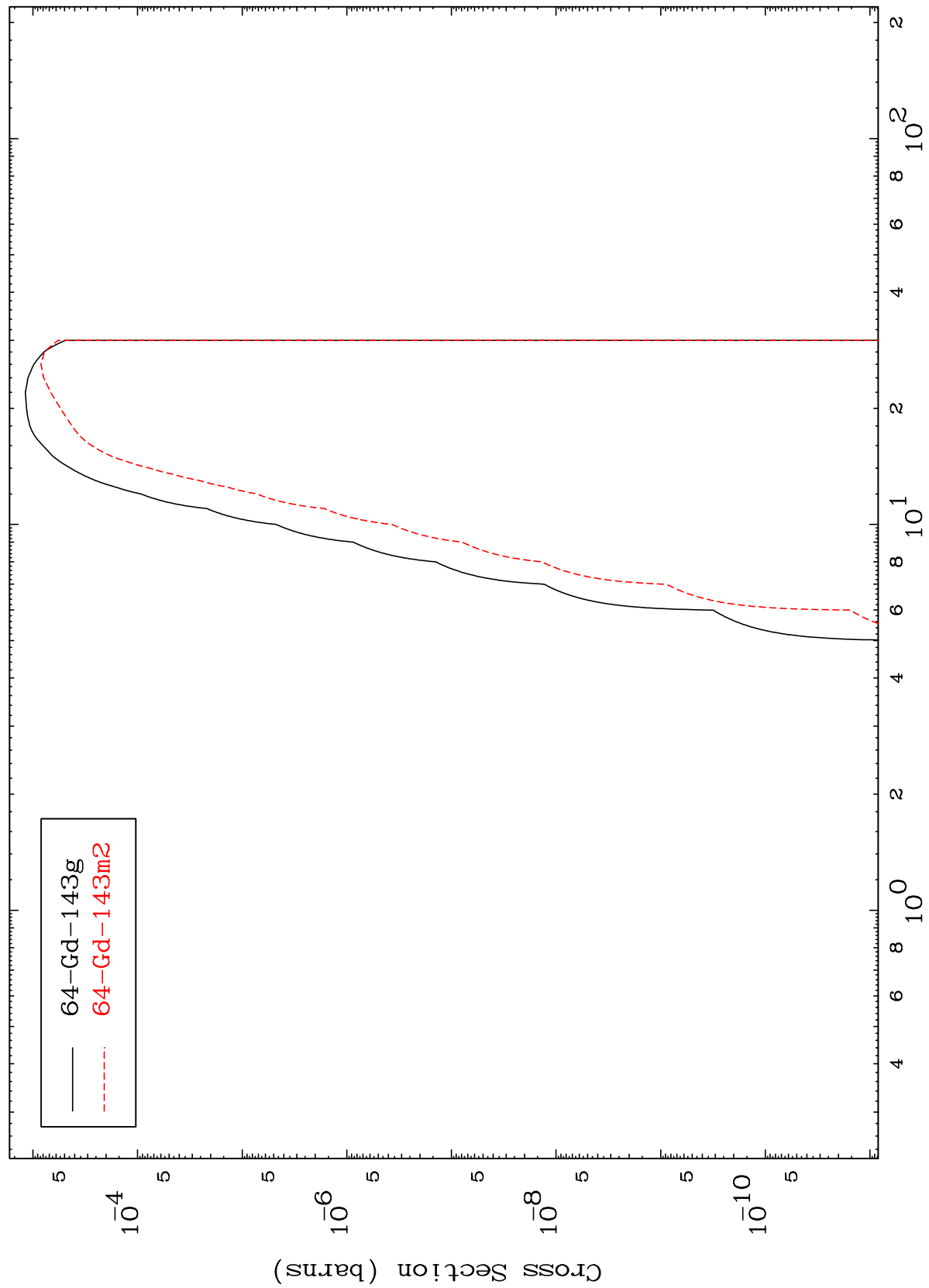
(n, t)  
Radionuclide Production Cross Section



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66-Dy-147

(n,  $\alpha$ )  
Radionuclide Production Cross Section

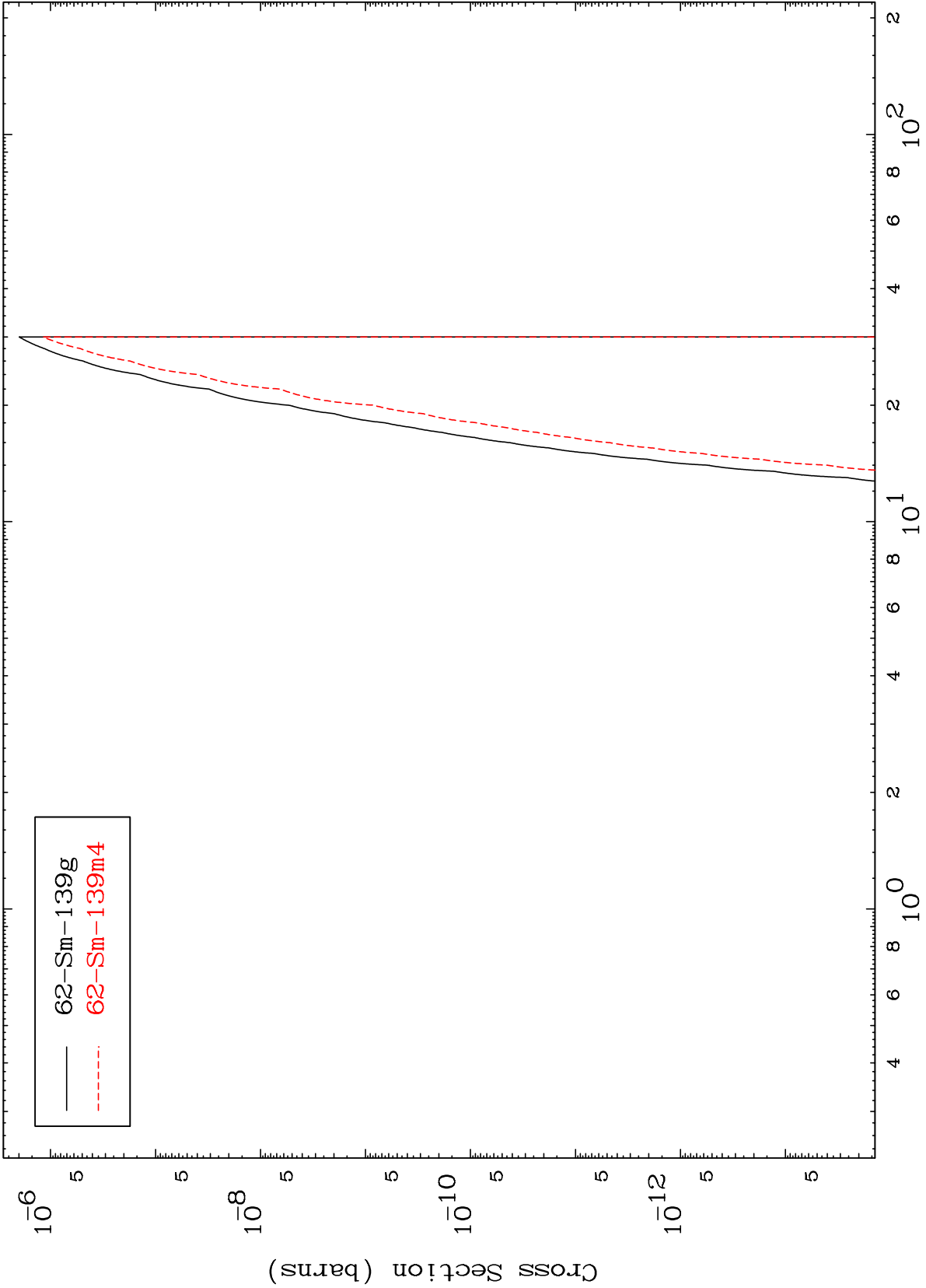


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(n,2α)

66-Dy-147

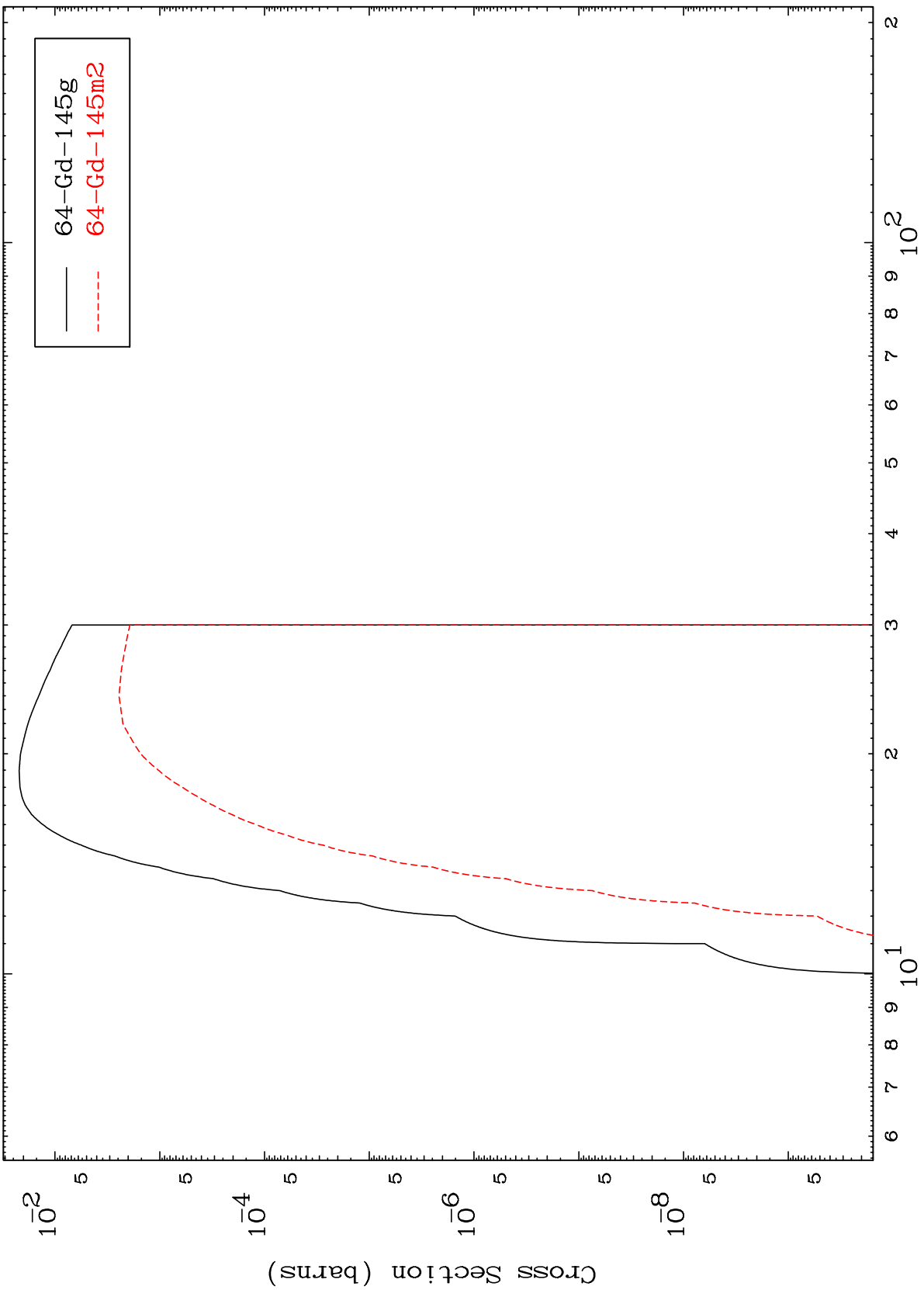
Radionuclide Production Cross Section



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66-Dy-147

(n,2p)  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

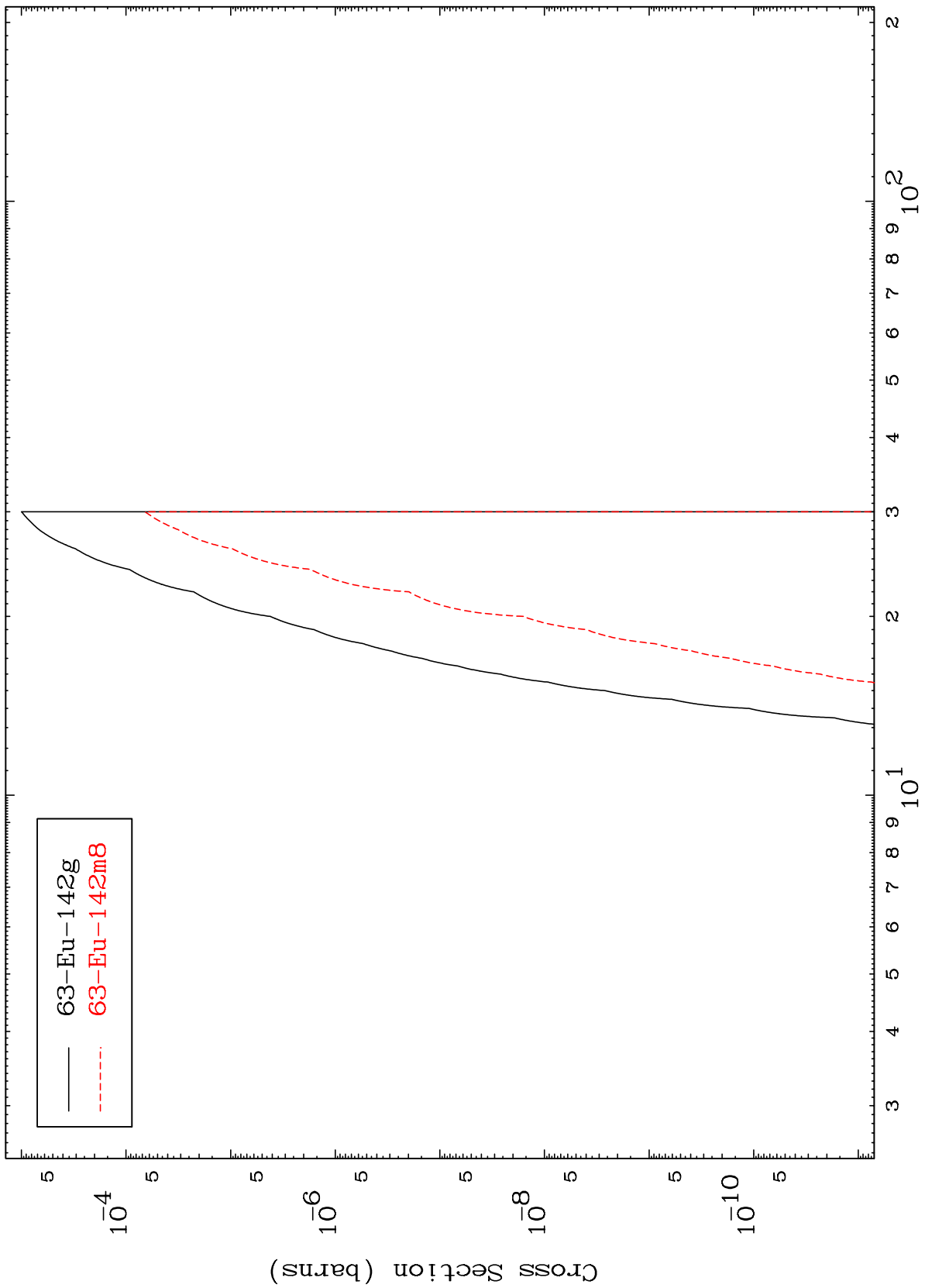
66-Dy-147

MAT 6598

(n,p)  $\alpha$

66-Dy-147

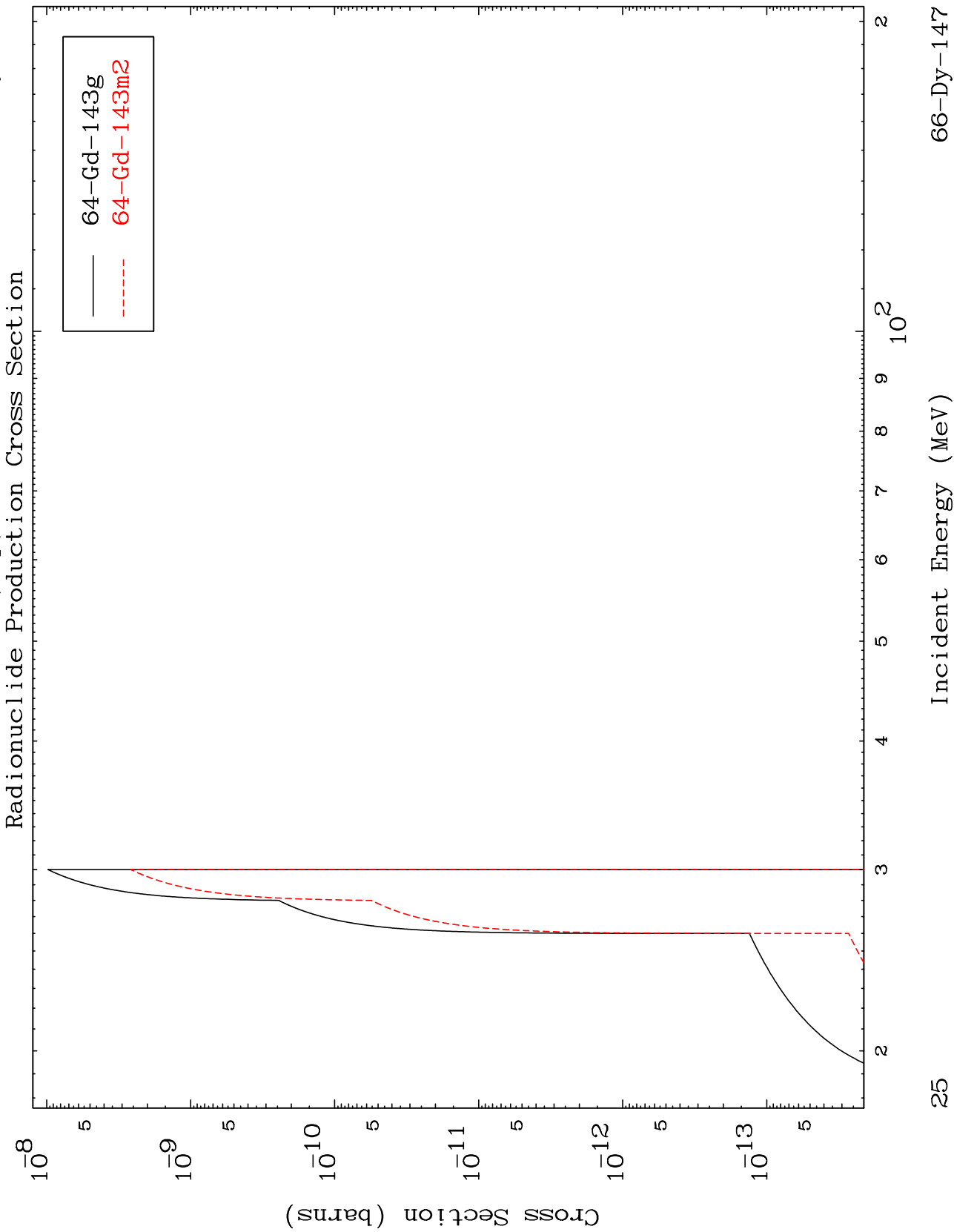
Radionuclide Production Cross Section



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(n,p) t

66-Dy-147



25

Incident Energy (MeV)

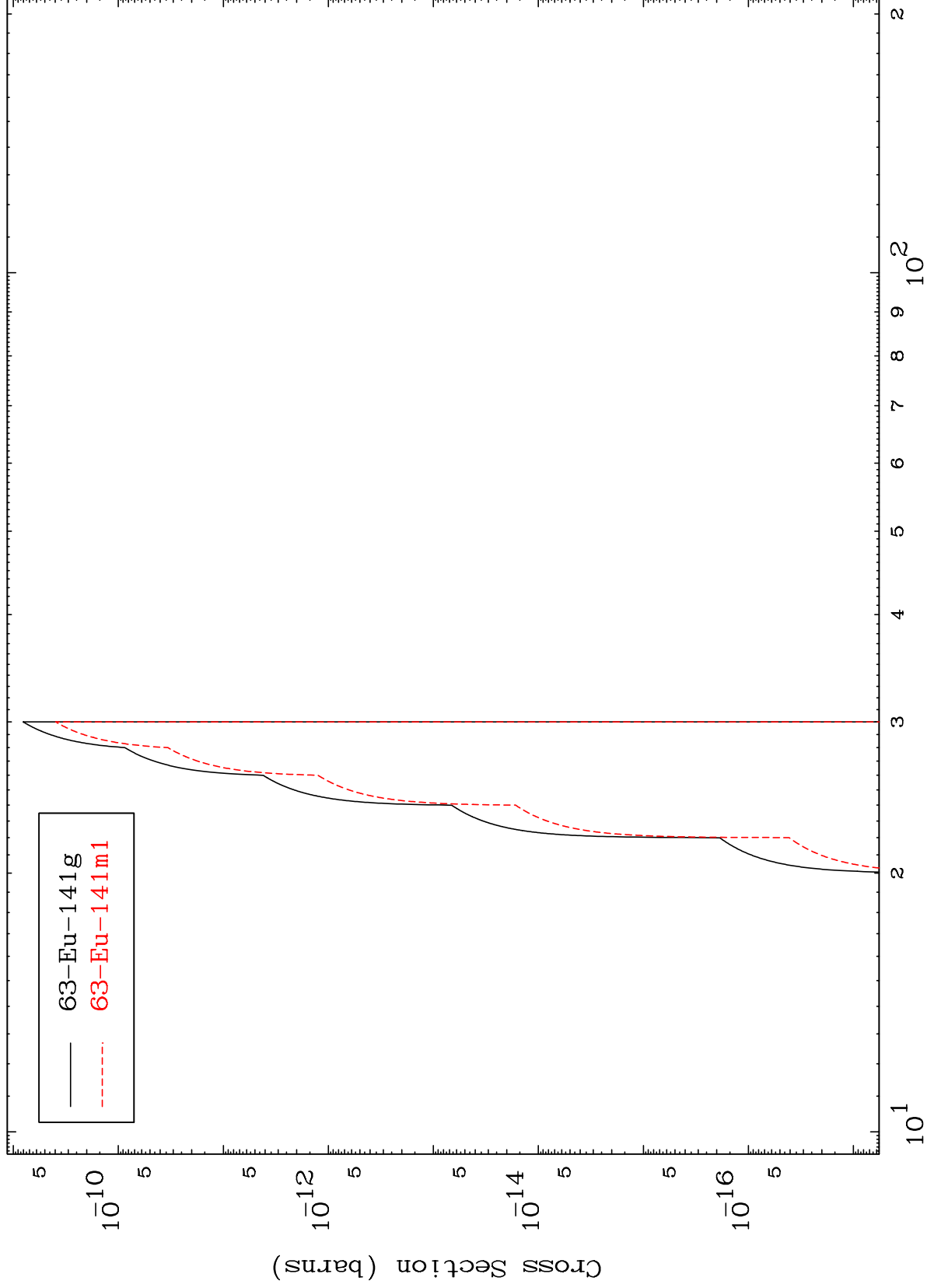
66-Dy-147

MAT 6598

(n,d)  $\alpha$

66-Dy-147

Radionuclide Production Cross Section



26

Incident Energy (MeV)

66-Dy-147