

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

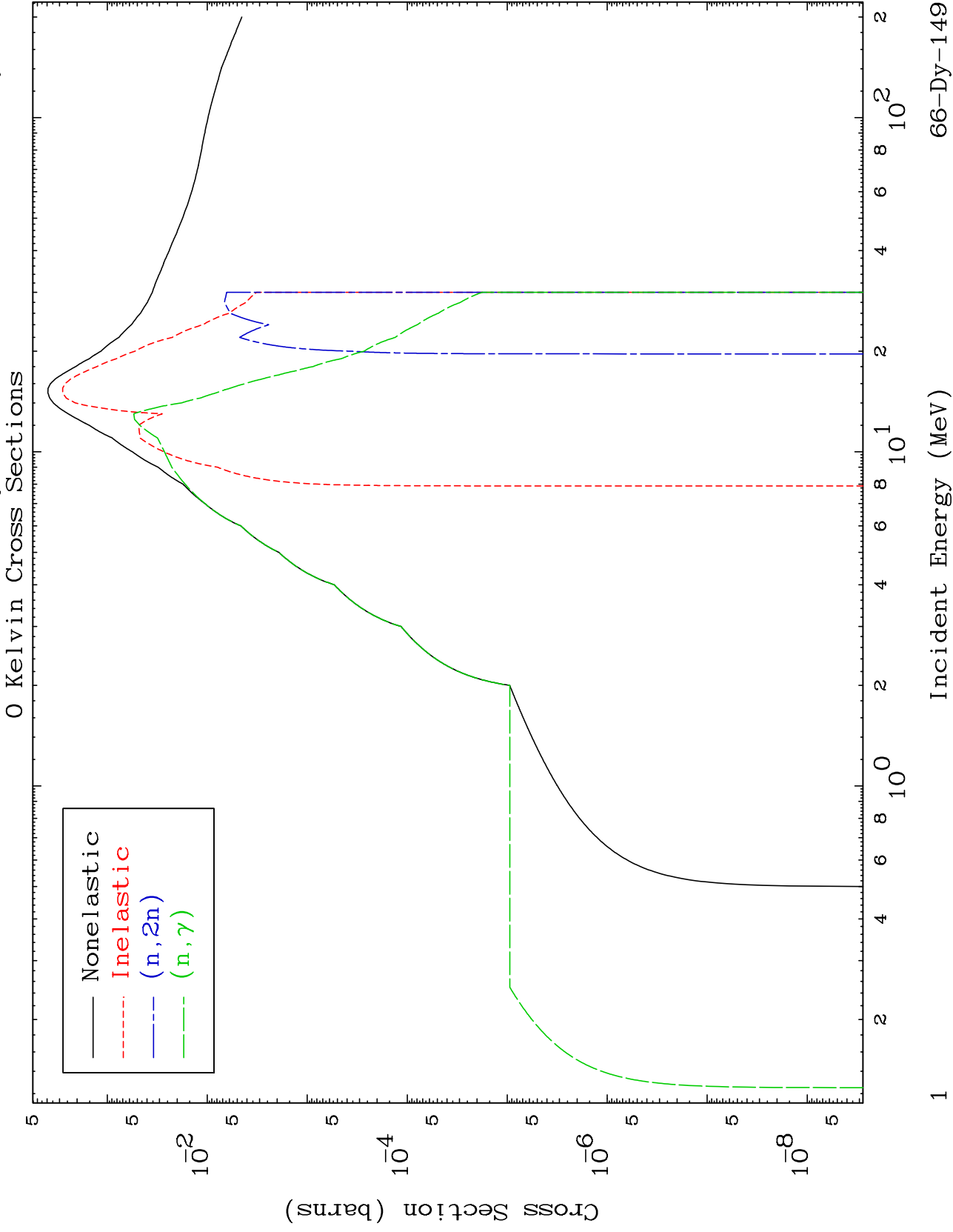
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Press Mouse Button to Start

MAT 6604

Photon Major

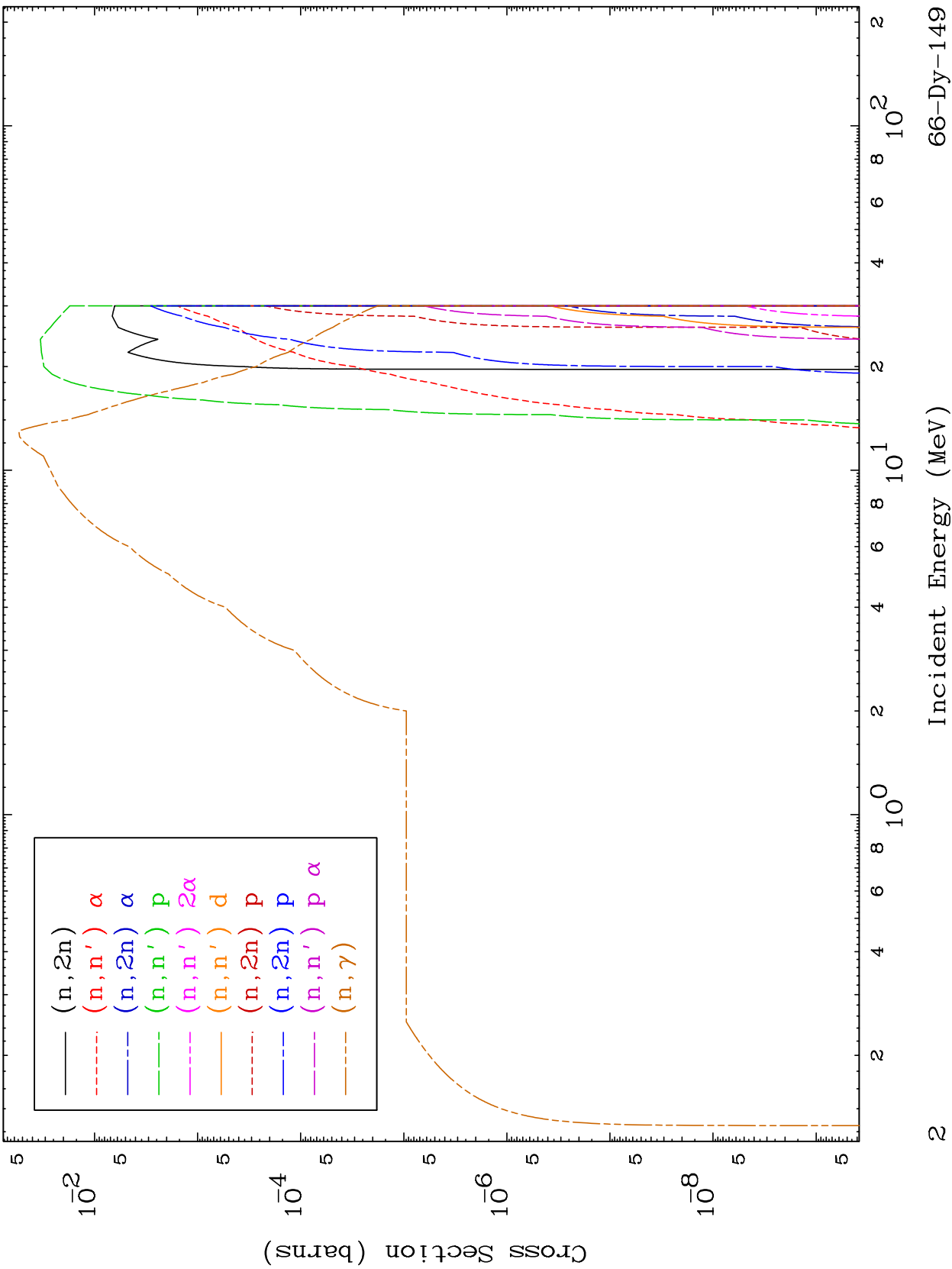
66-Dy-149

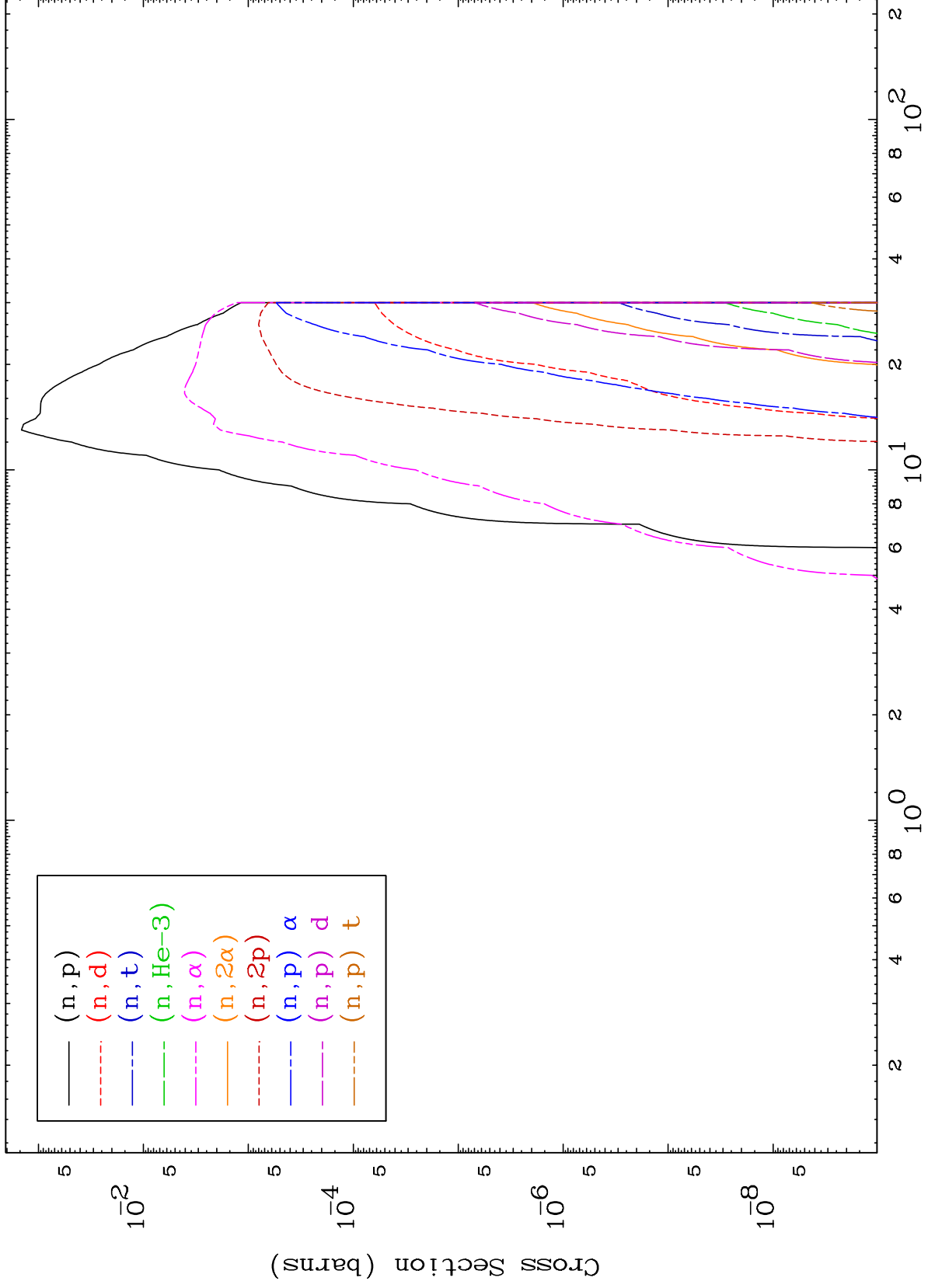


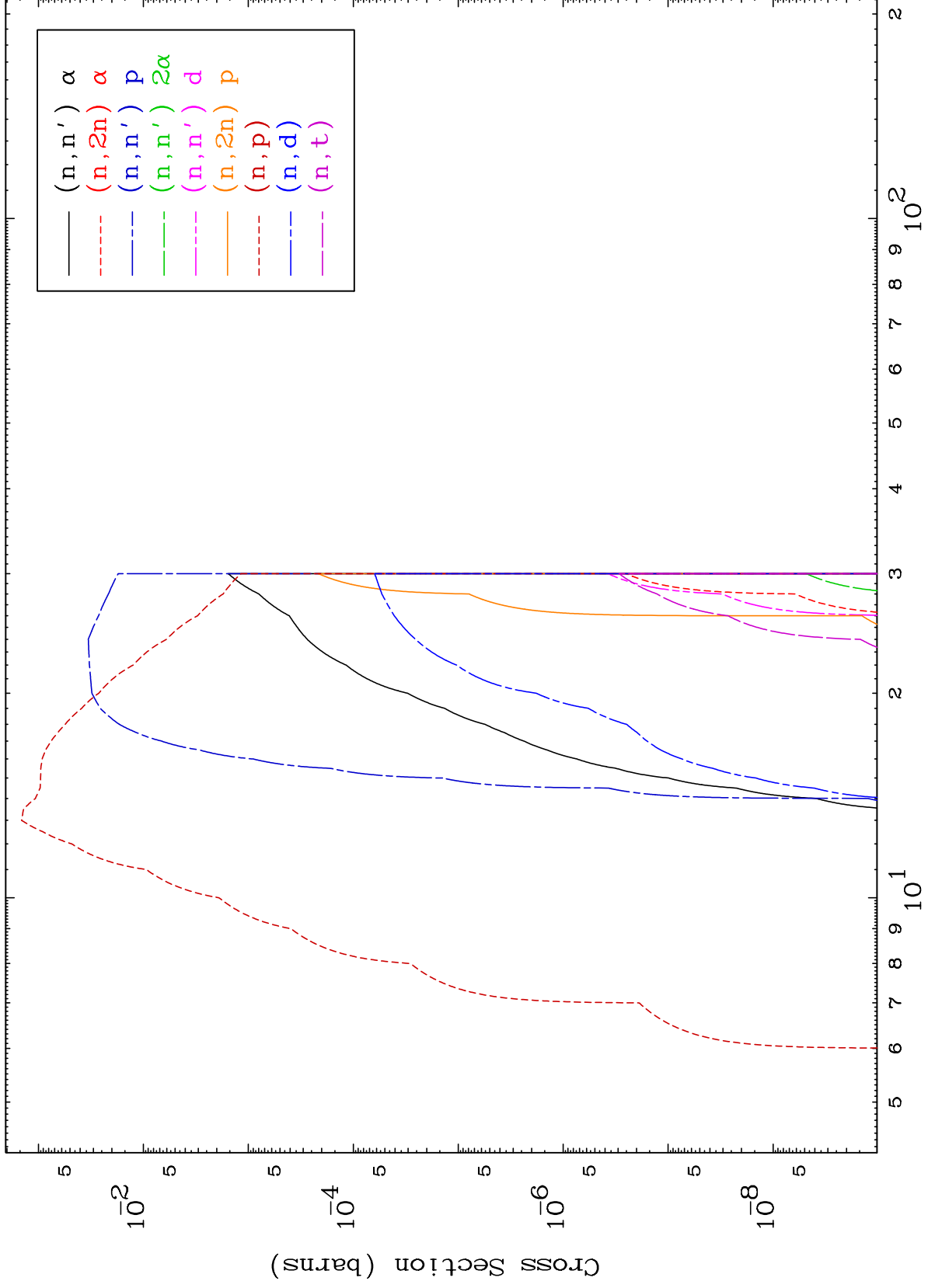
MAT 6604

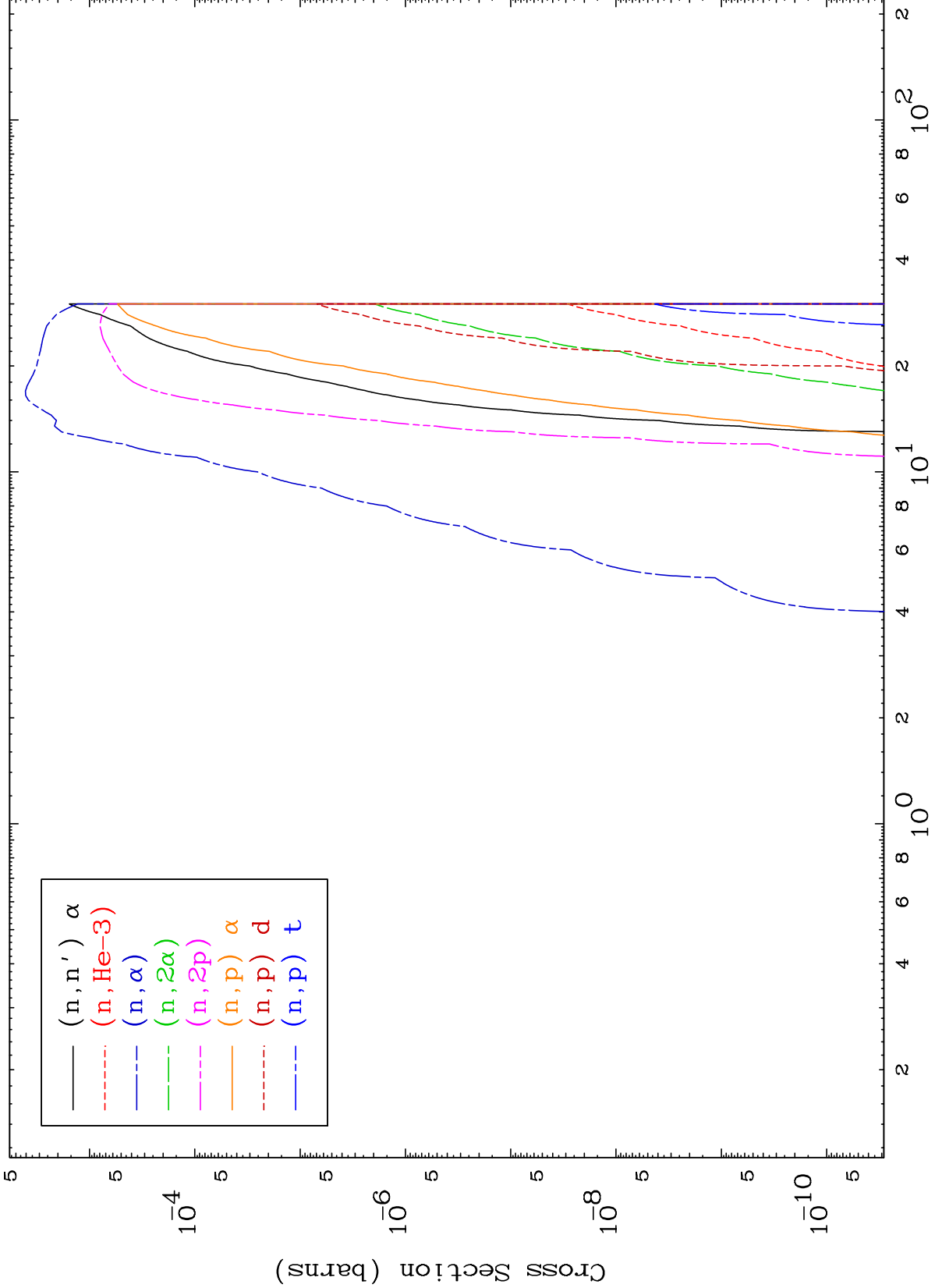
Photon Neutron Absorption  
0 Kelvin Cross Sections

66-Dy-149







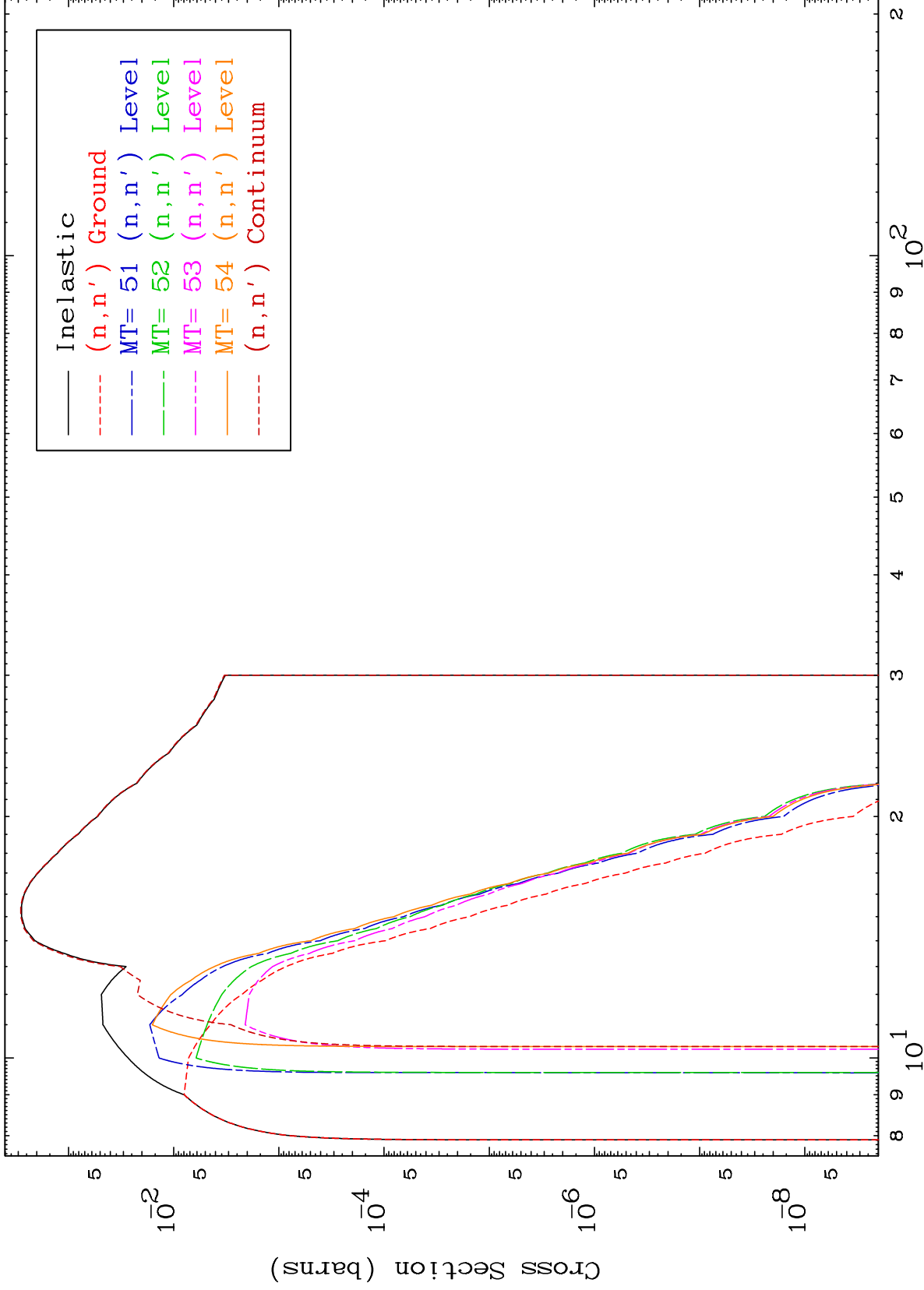


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( $\gamma, n'$ ) Levels

66-Dy-149

0 Kelvin Cross Sections



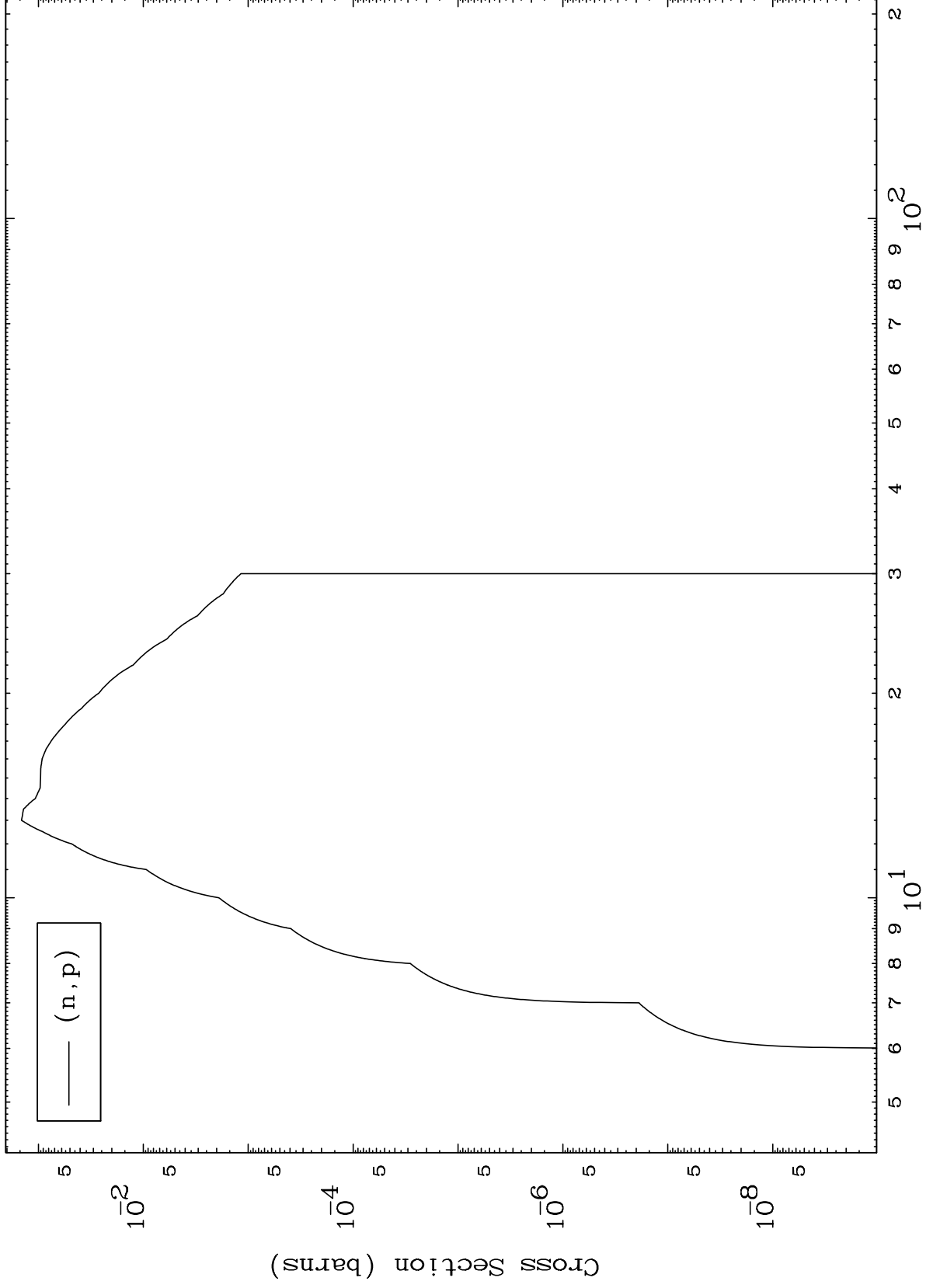
Incident Energy (MeV)

66-Dy-149

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

66-Dy-149



7

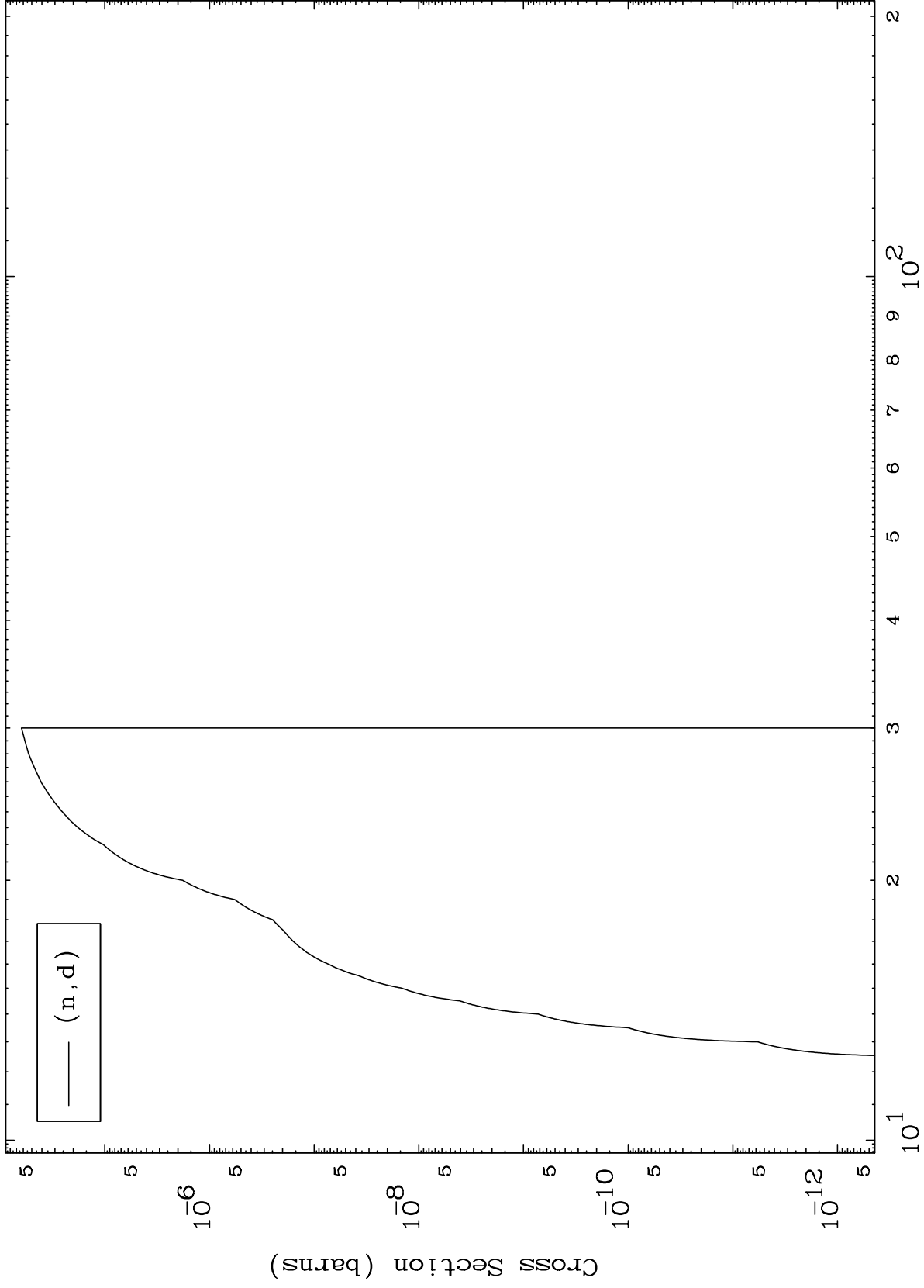
Incident Energy (MeV)

66-Dy-149

MAT 6604

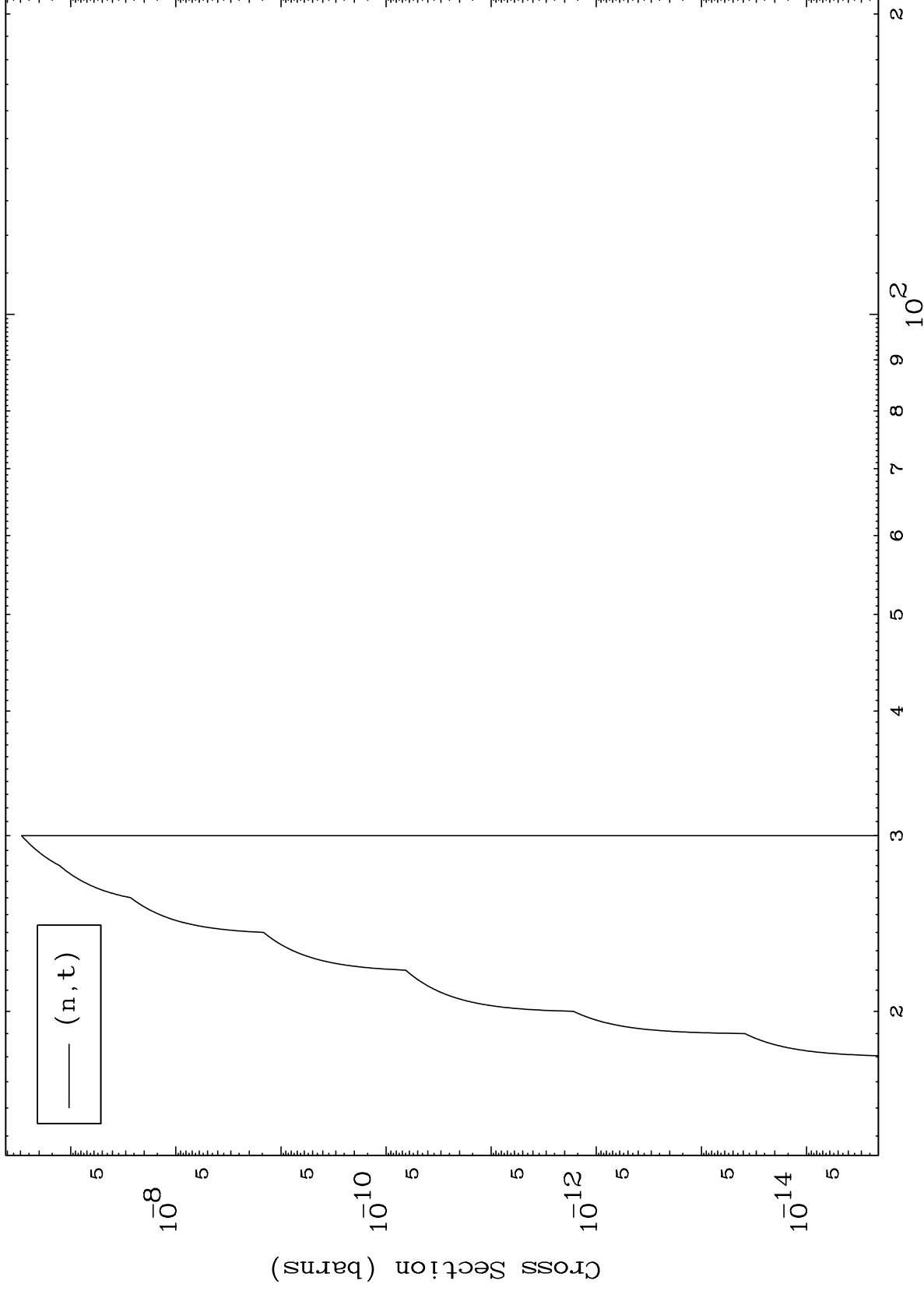
( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

66-Dy-149



Incident Energy (MeV)

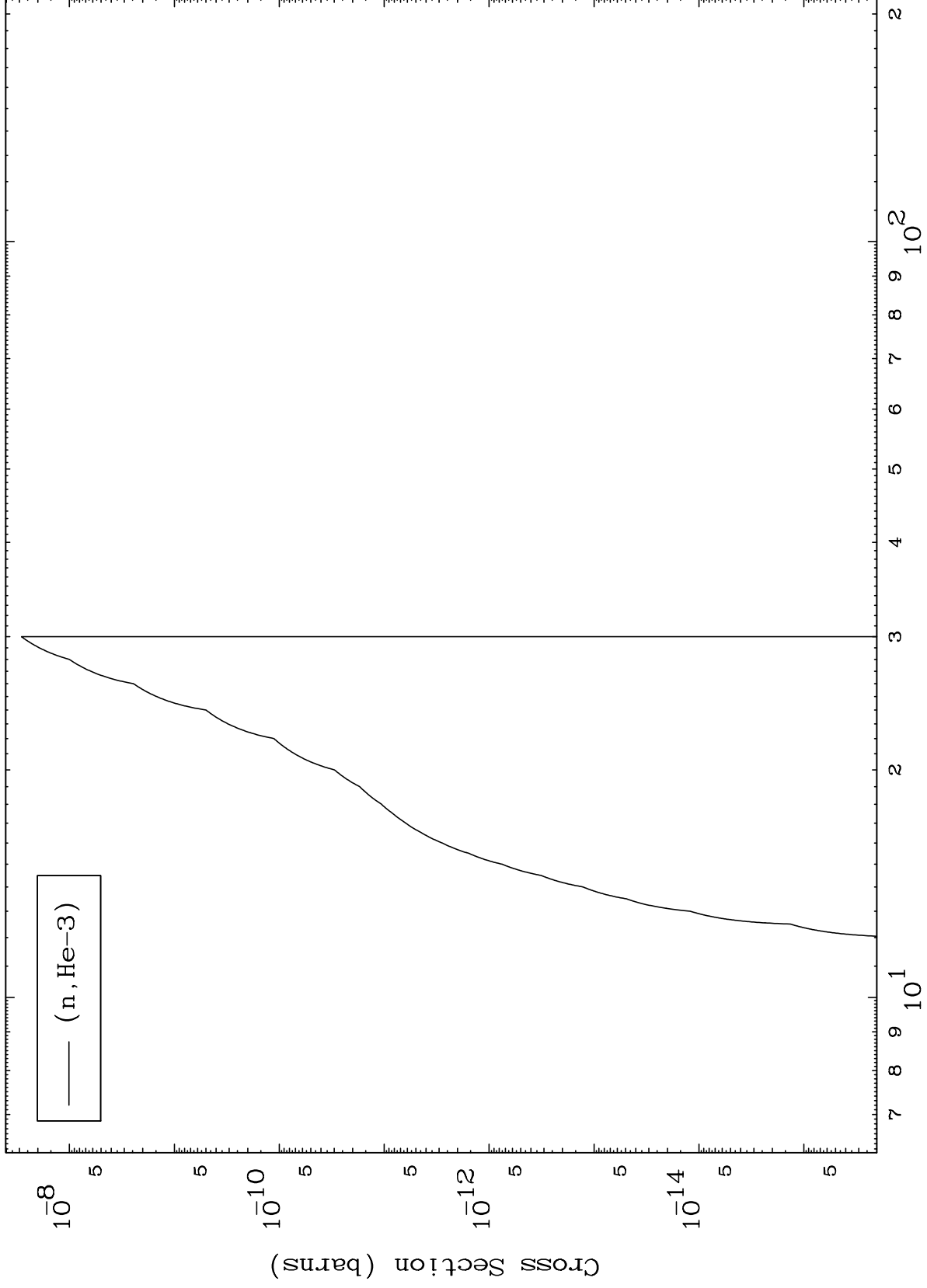
66-Dy-149



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

66-Dy-149



— (n, He-3)

10

Incident Energy (MeV)

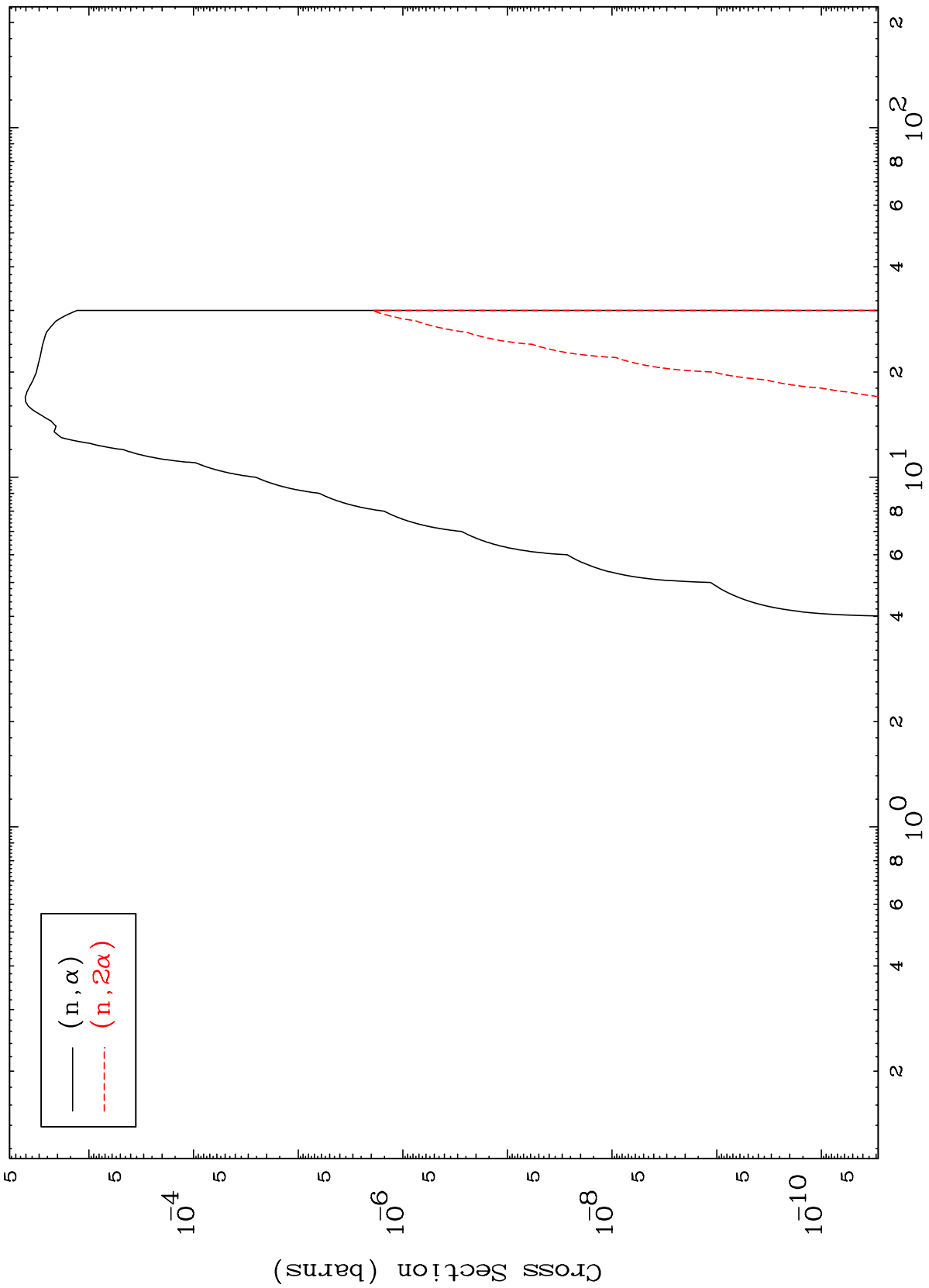
66-Dy-149

MAT 6604

( $\gamma, \alpha$ ) Levels

66-Dy-149

0 Kelvin Cross Sections

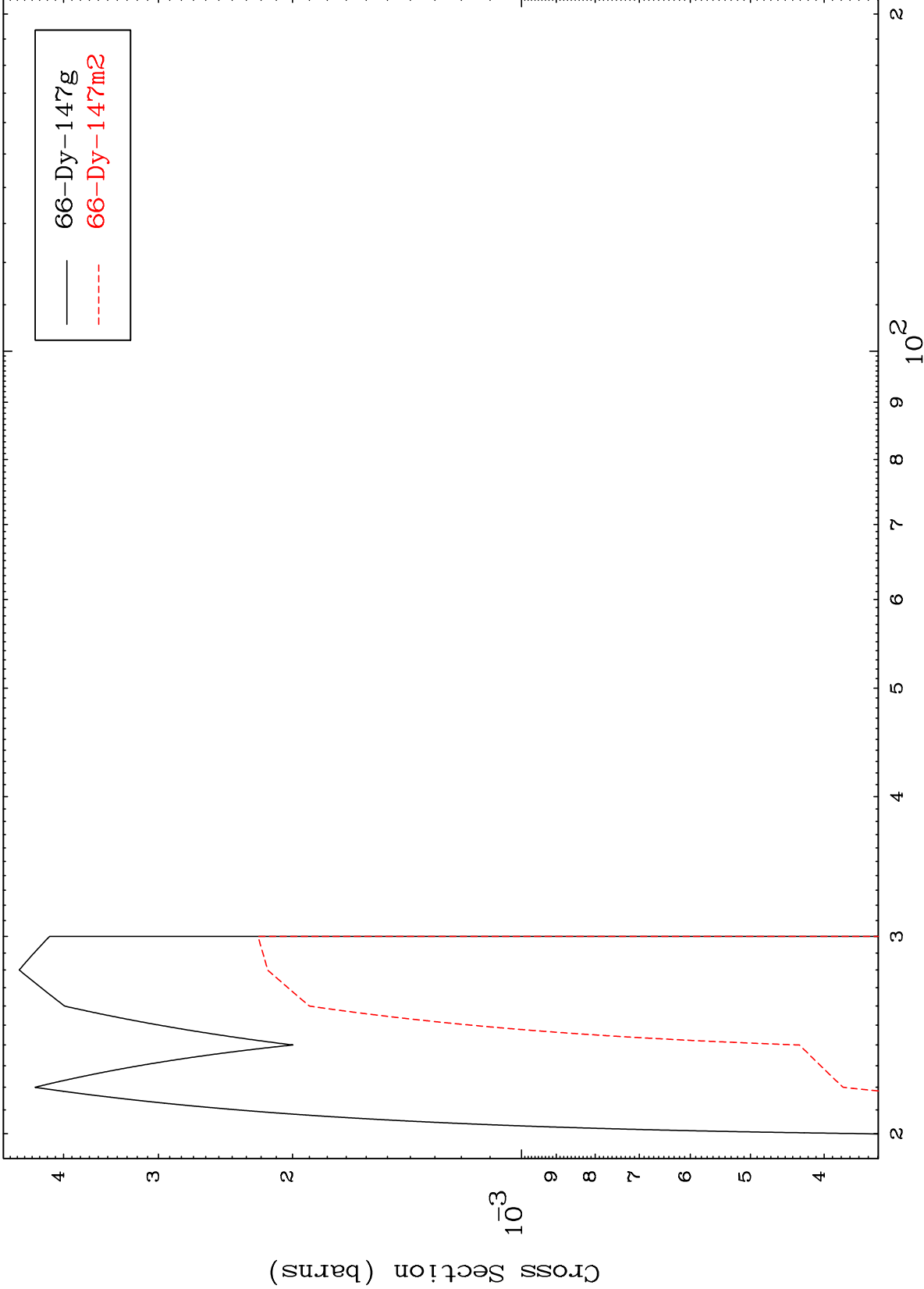


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(n,2n)

66-Dy-149

Radionuclide Production Cross Section



12

Incident Energy (MeV)

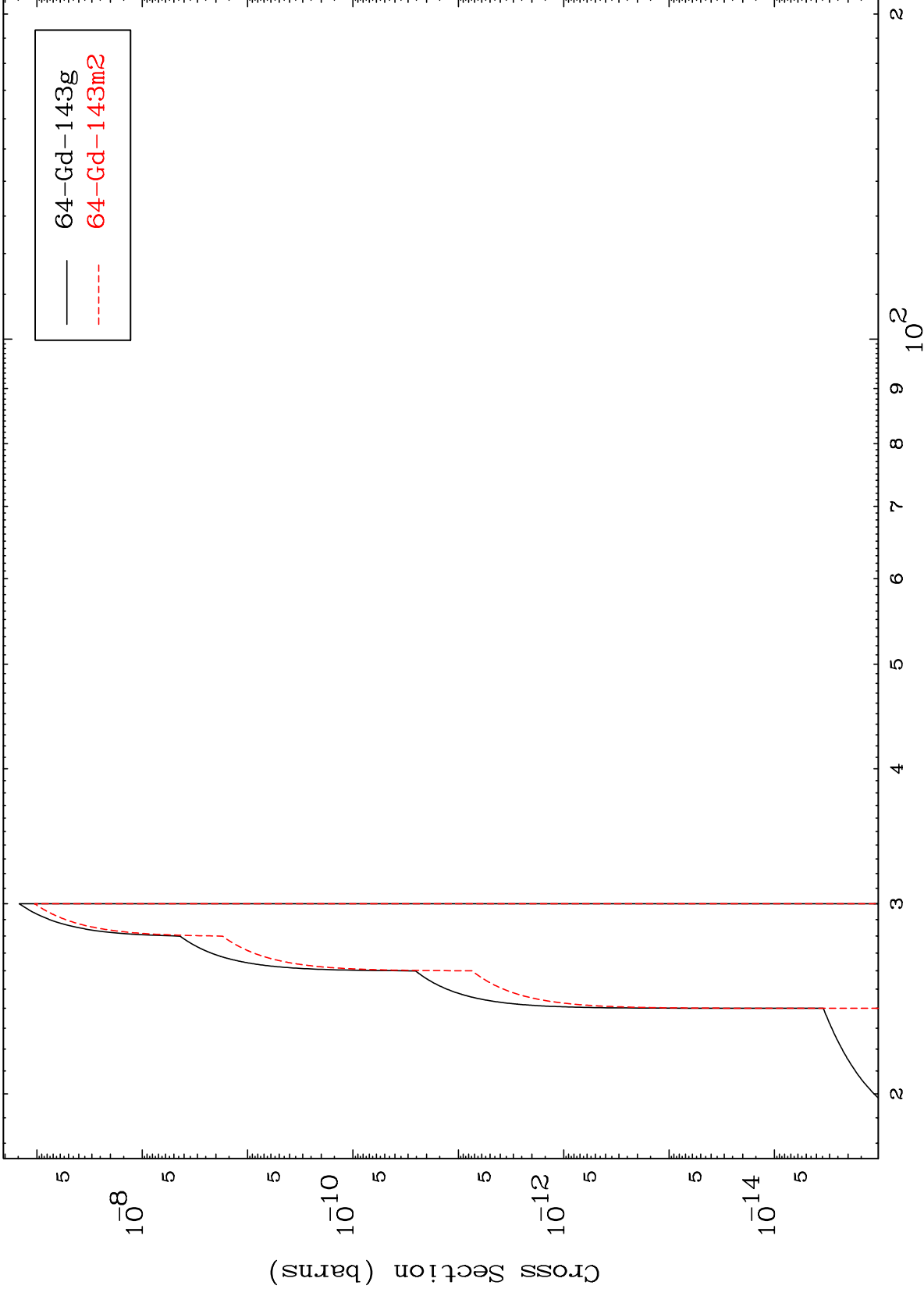
66-Dy-149

MAT 6604

(n,2n)  $\alpha$

66-Dy-149

Radionuclide Production Cross Section



13

Incident Energy (MeV)

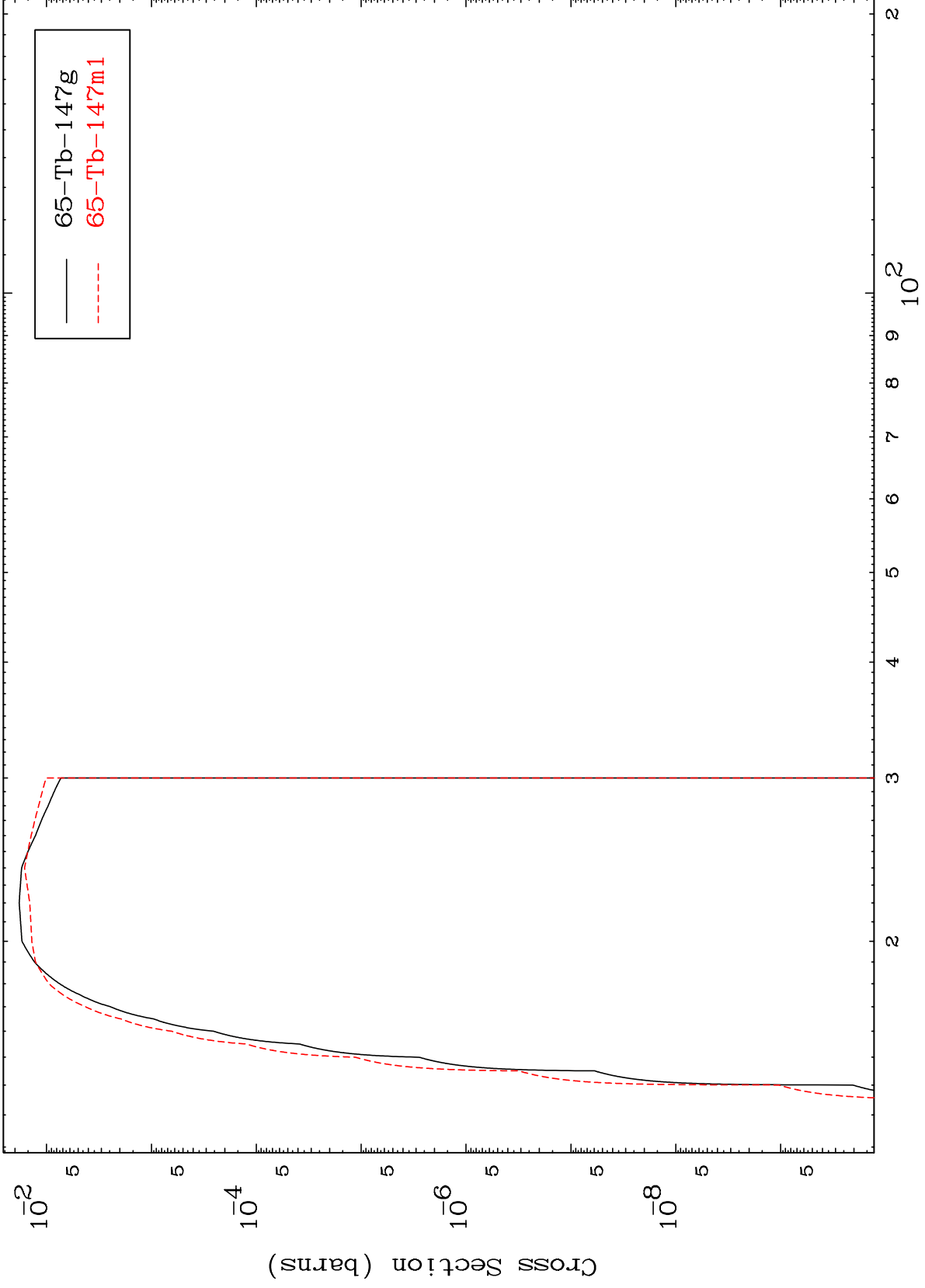
66-Dy-149

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(n,n') p

66-Dy-149

Radionuclide Production Cross Section



14

Incident Energy (MeV)

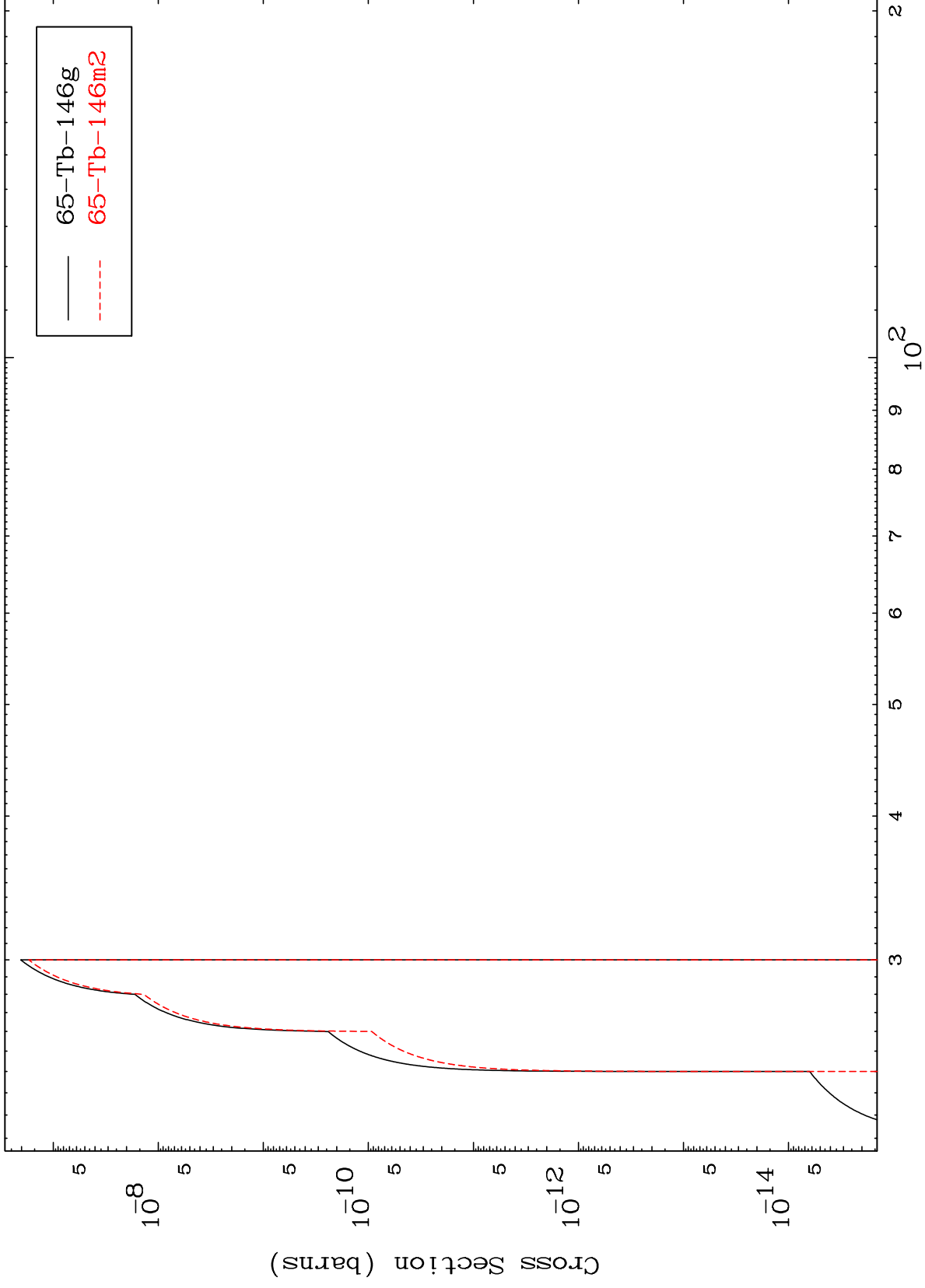
66-Dy-149

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(n,n') d

66-Dy-149

Radionuclide Production Cross Section



15

Incident Energy (MeV)

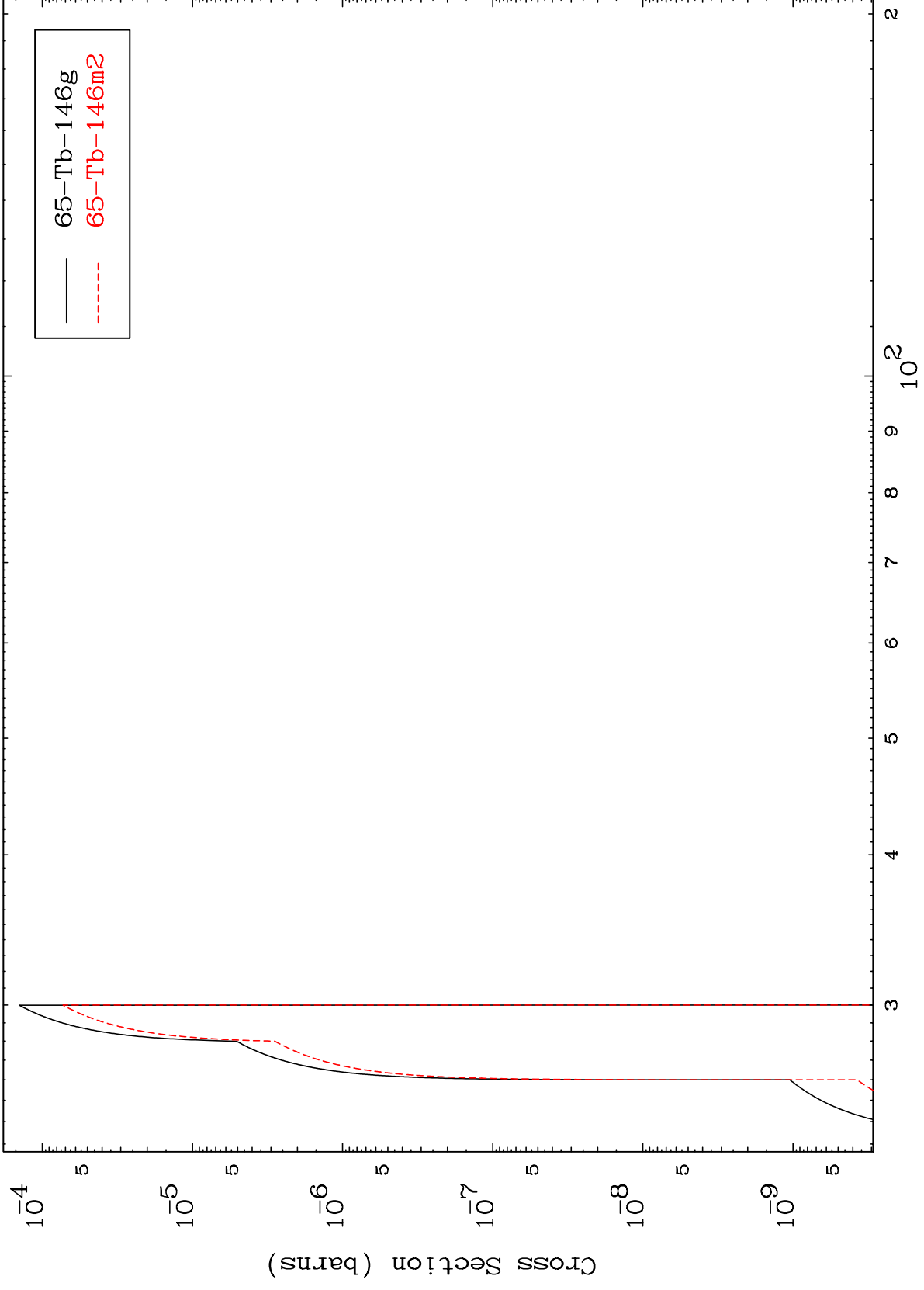
66-Dy-149

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(n,2n) p

66-Dy-149

Radionuclide Production Cross Section

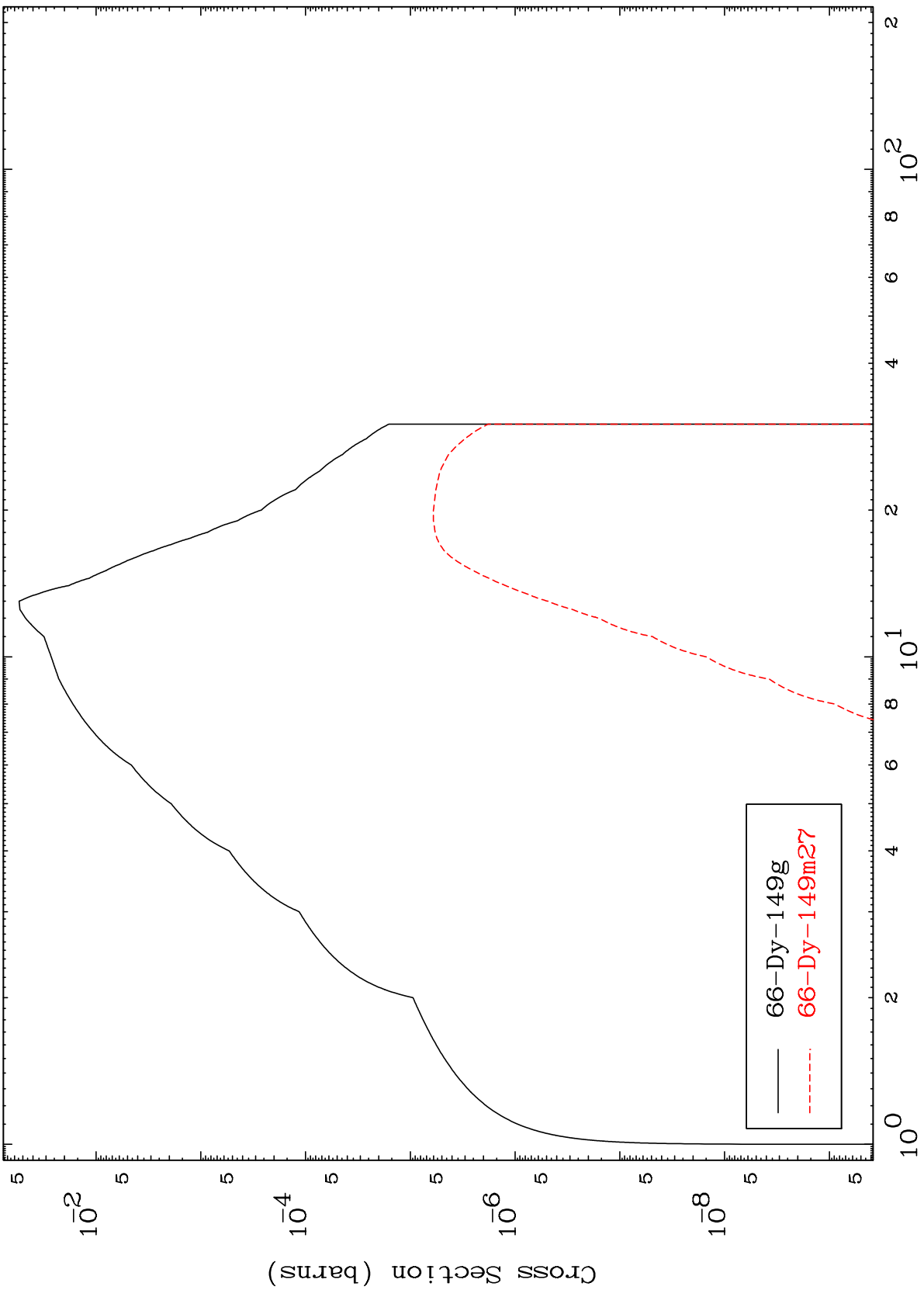


65-Tb-146g  
65-Tb-146m2

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66-Dy-149

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



Incident Energy (MeV)

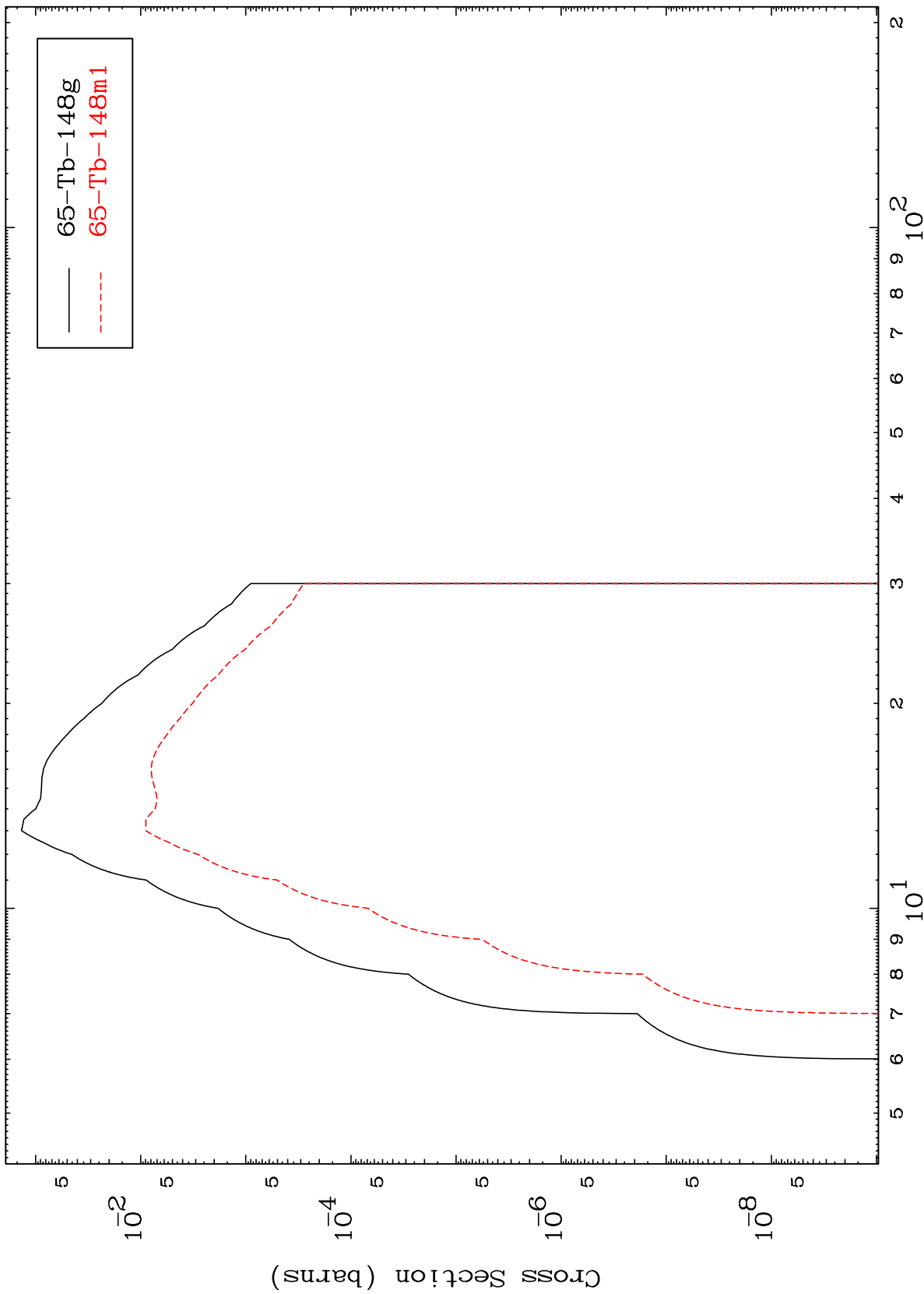
66-Dy-149

17

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66-Dy-149

(n,p)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

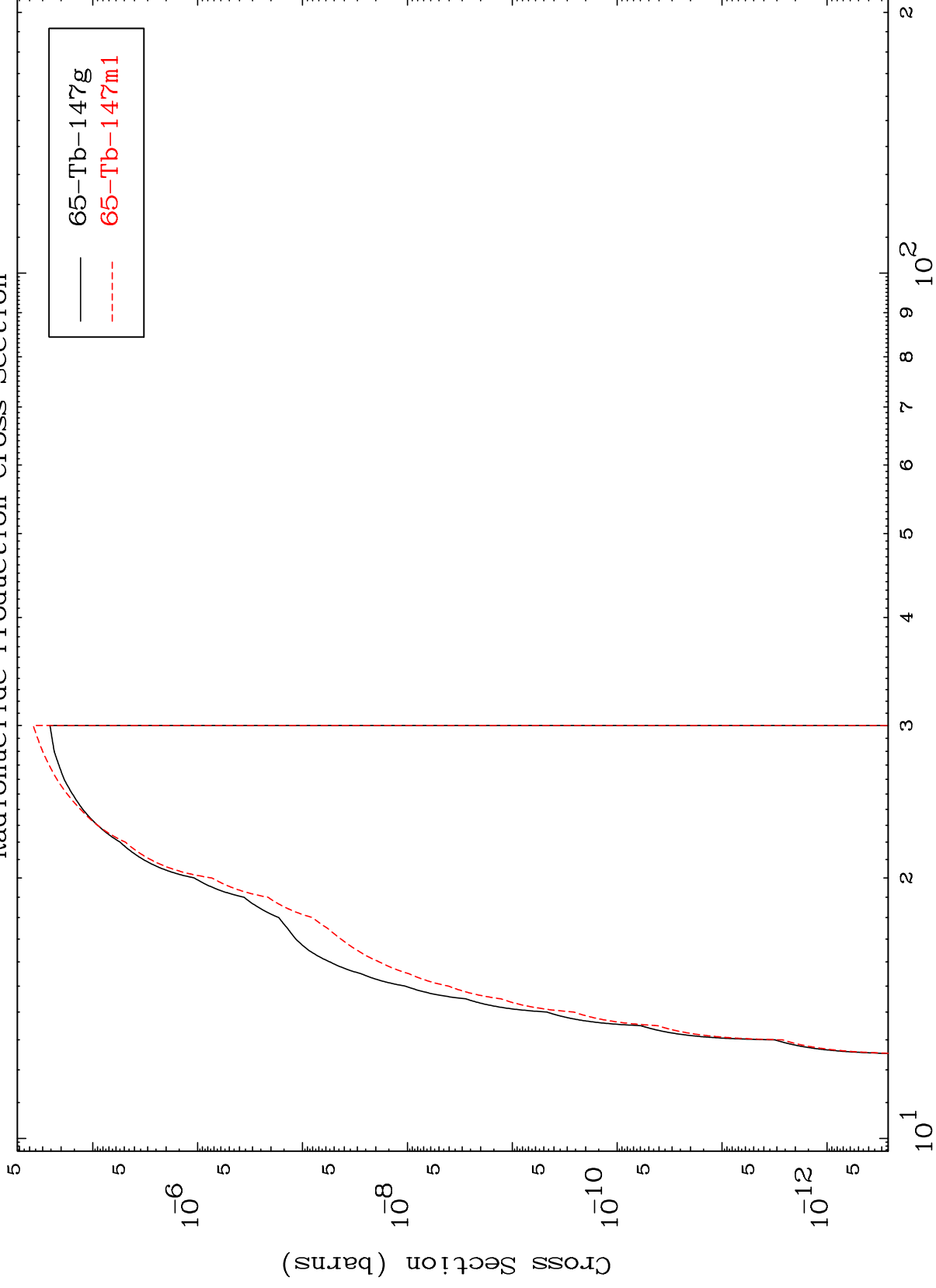
66-Dy-149

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(n,d)

66-Dy-149

Radionuclide Production Cross Section



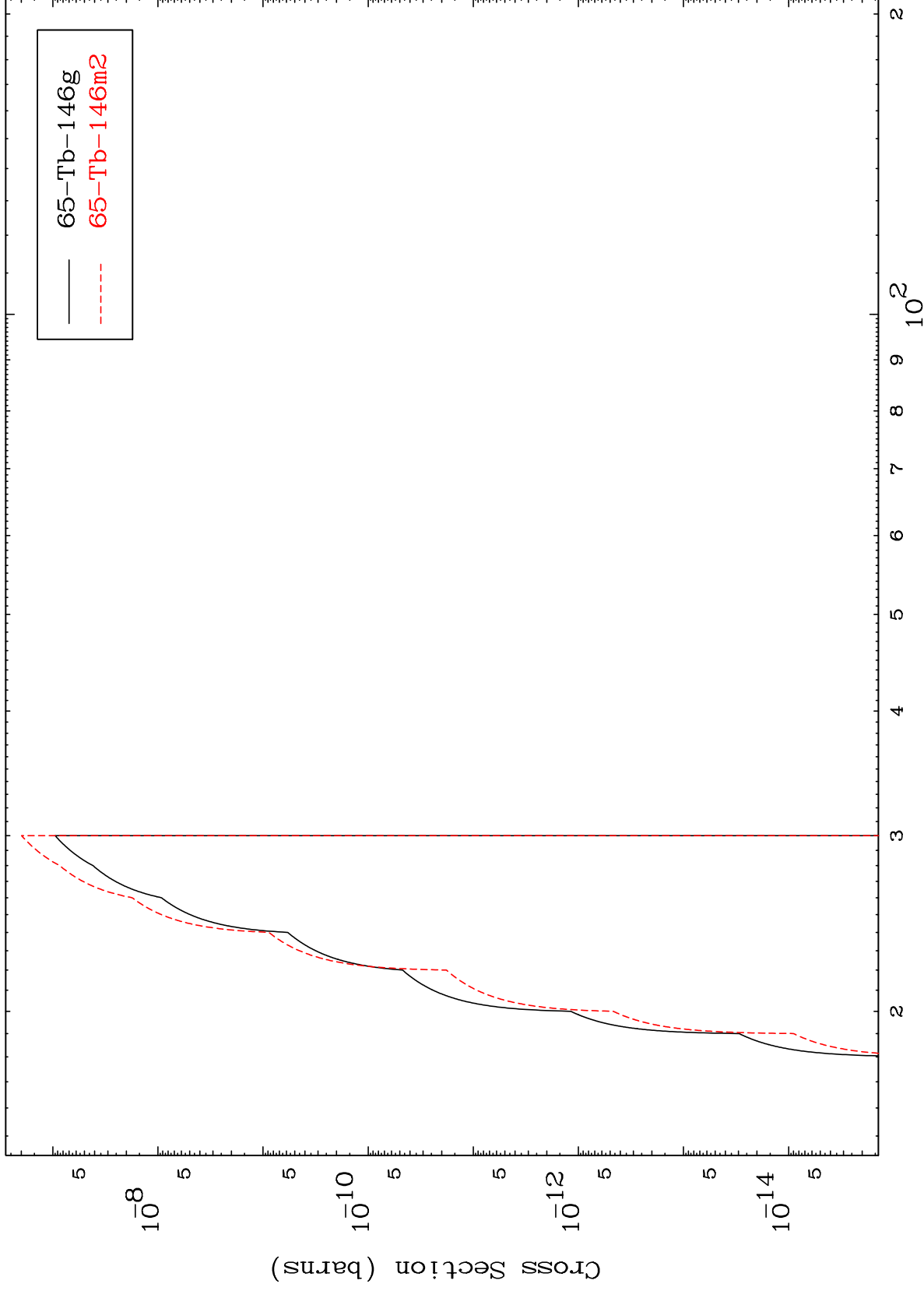
Incident Energy (MeV)

66-Dy-149

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66-Dy-149

(n,t)  
Radionuclide Production Cross Section



20

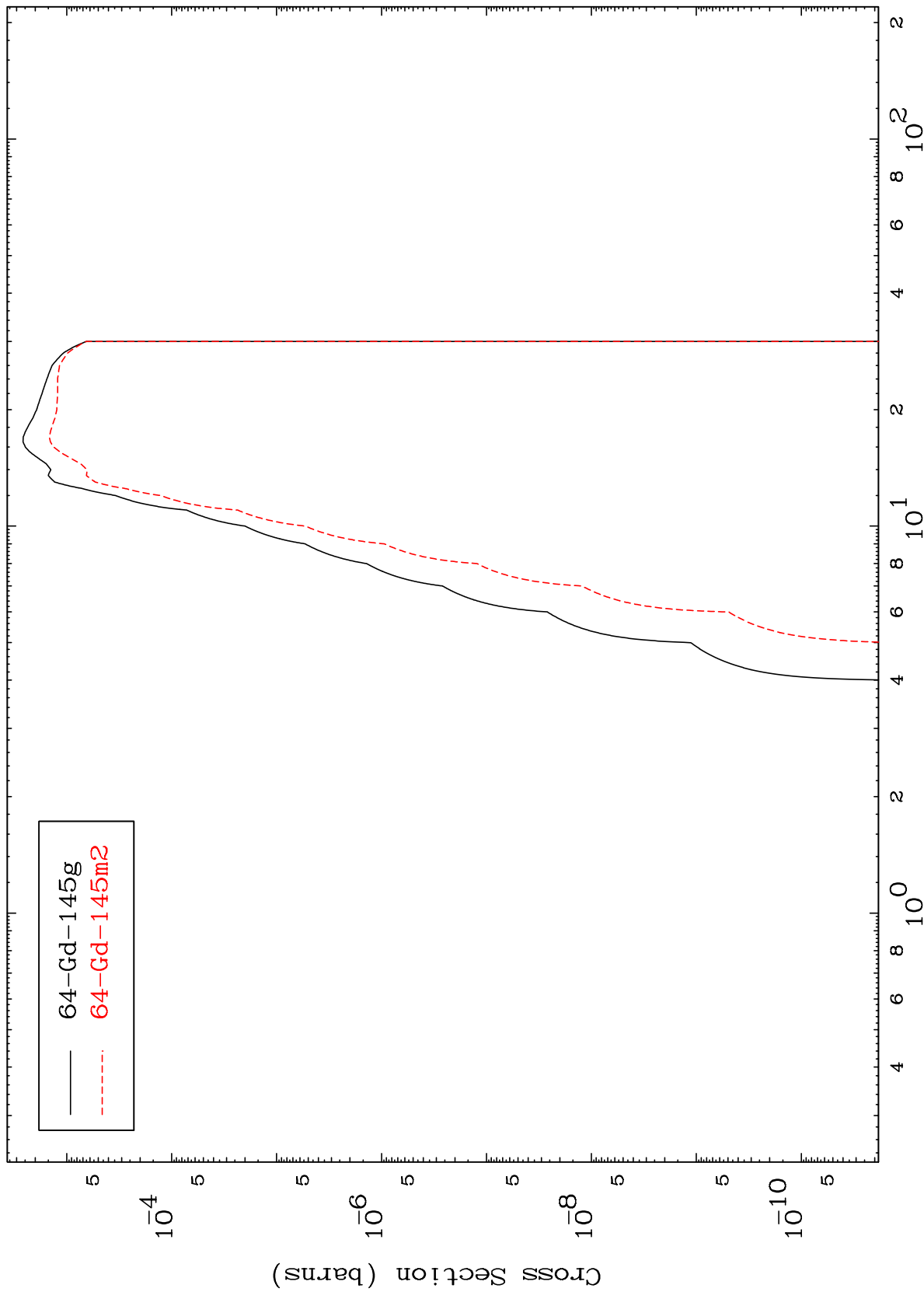
Incident Energy (MeV)

66-Dy-149

MAT 6604

66-Dy-149

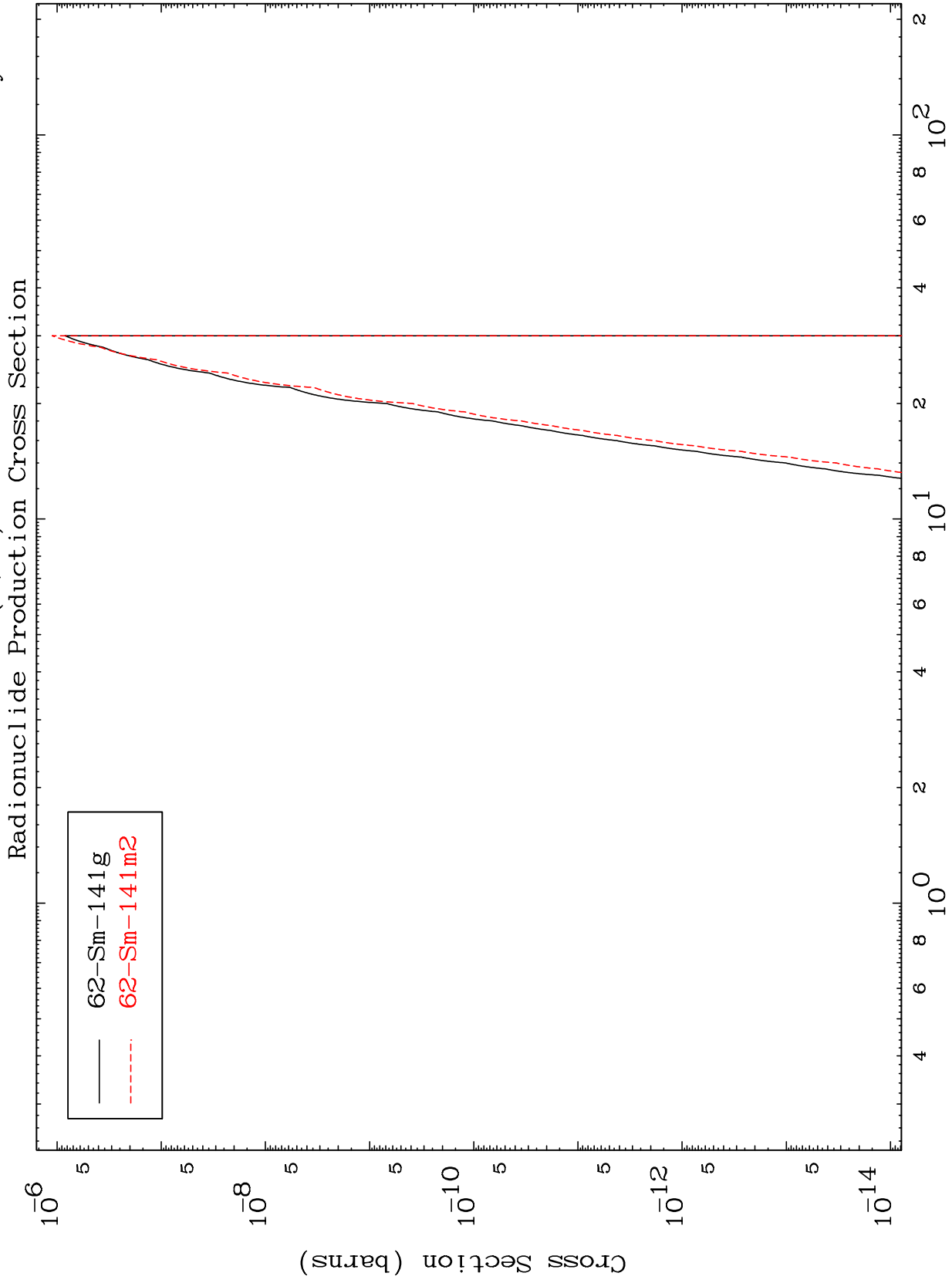
Radionuclide Production Cross Section



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(n,2α)

66-Dy-149

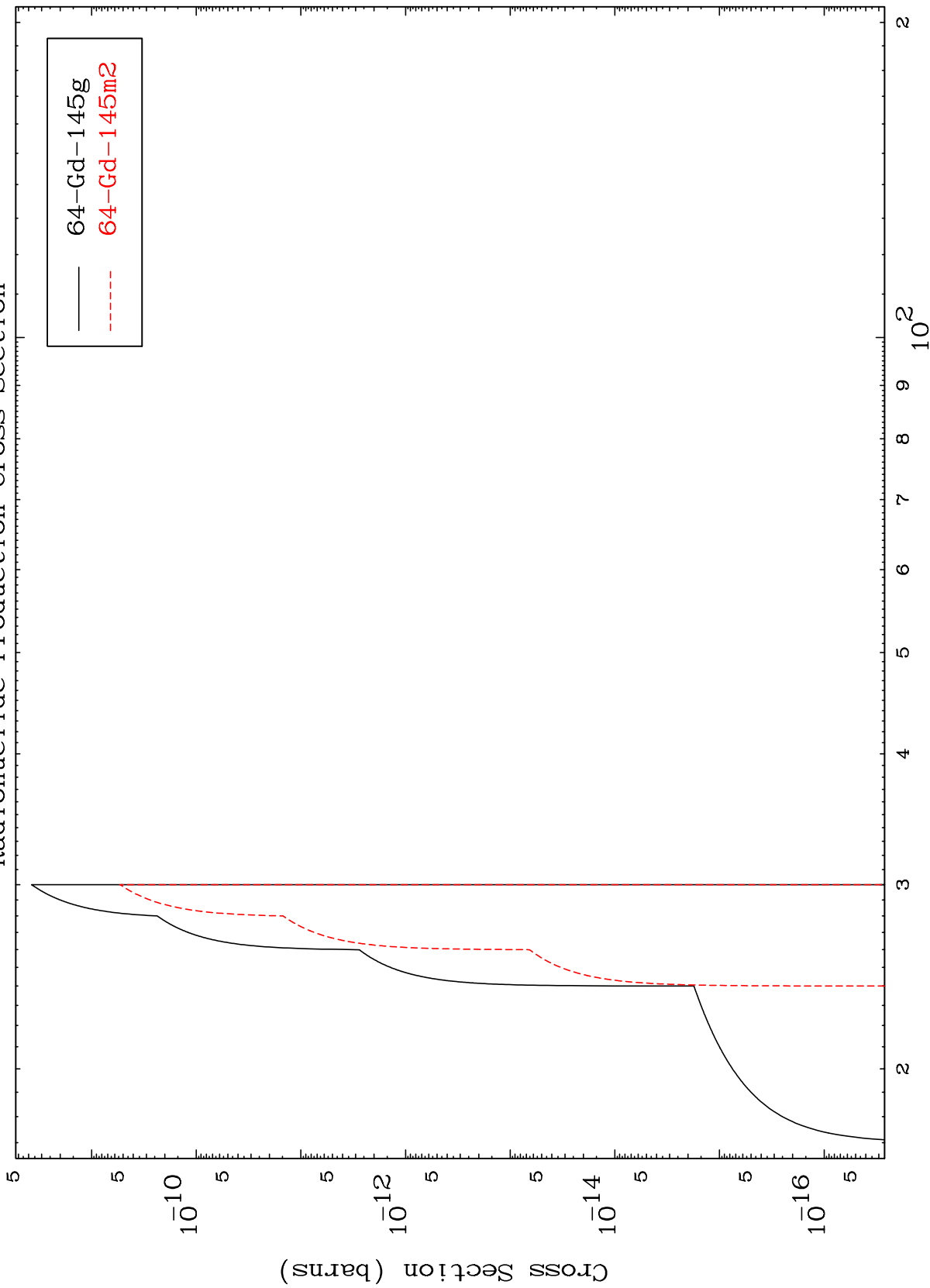


MAT 6604

(n,p) t

66-Dy-149

Radionuclide Production Cross Section



23

Incident Energy (MeV)

66-Dy-149