

Program EVALPLOT
(Version 2021-1)

by

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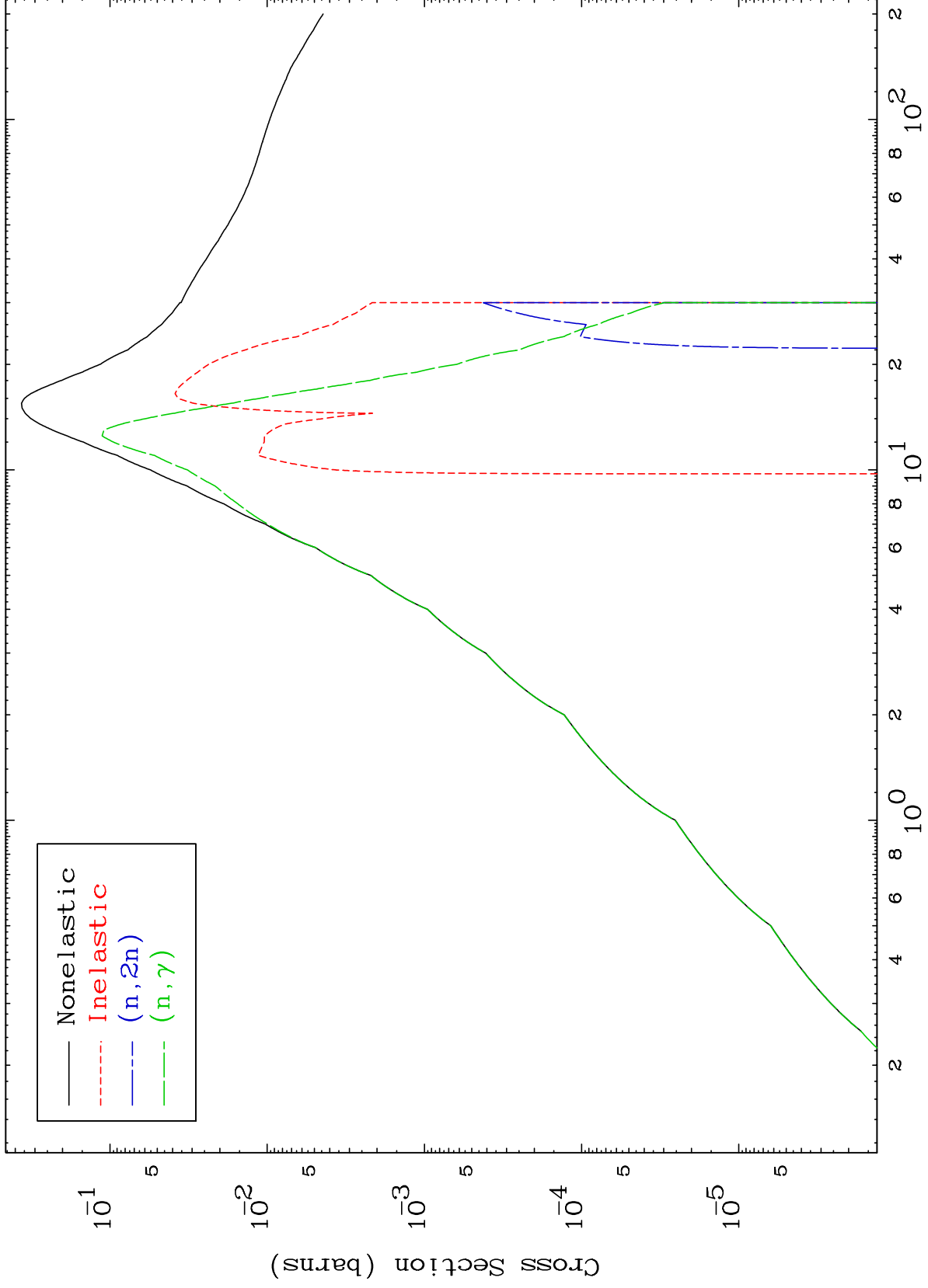
Press Mouse Button to Start

MAT 6592

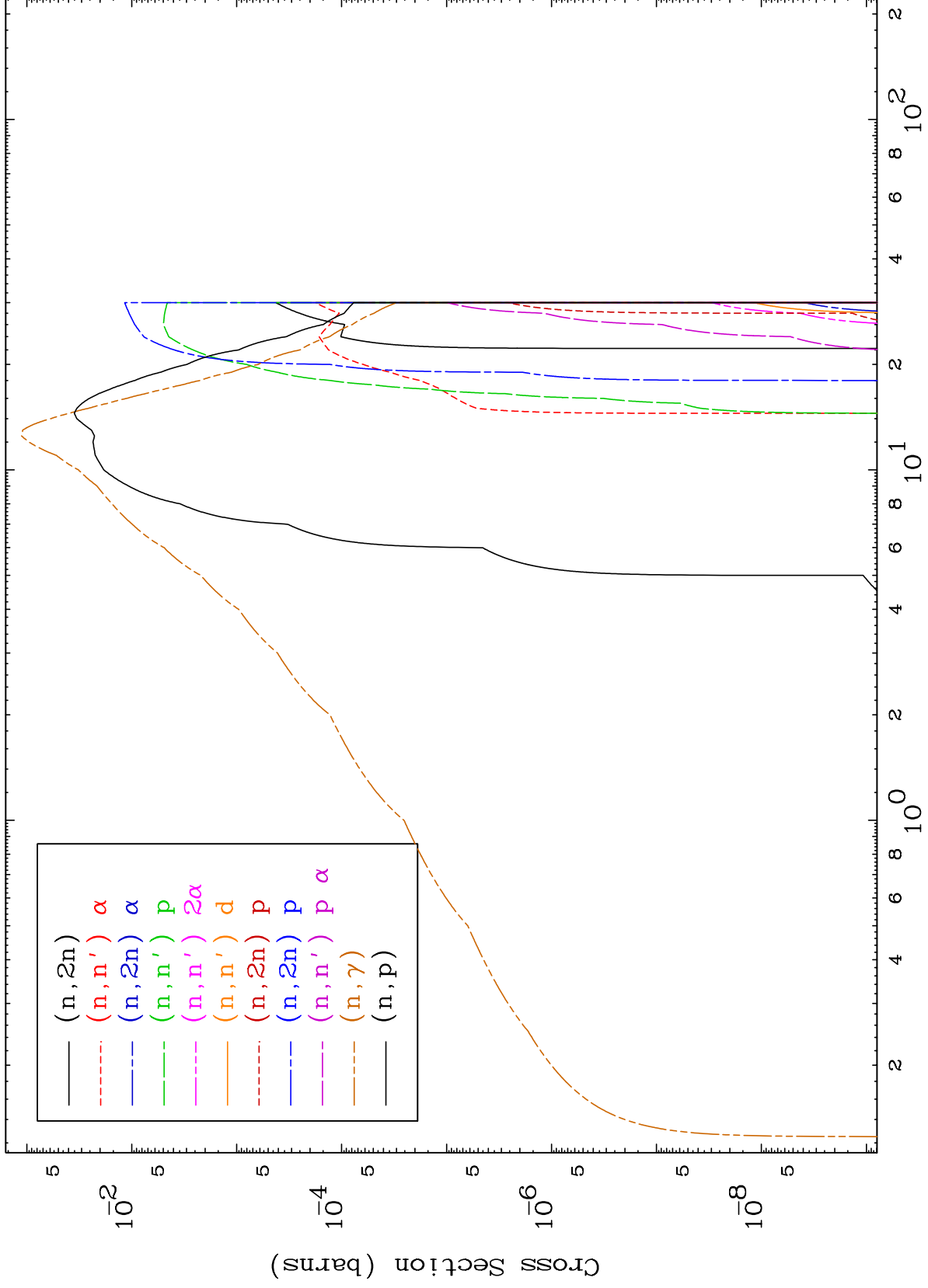
Photon Major

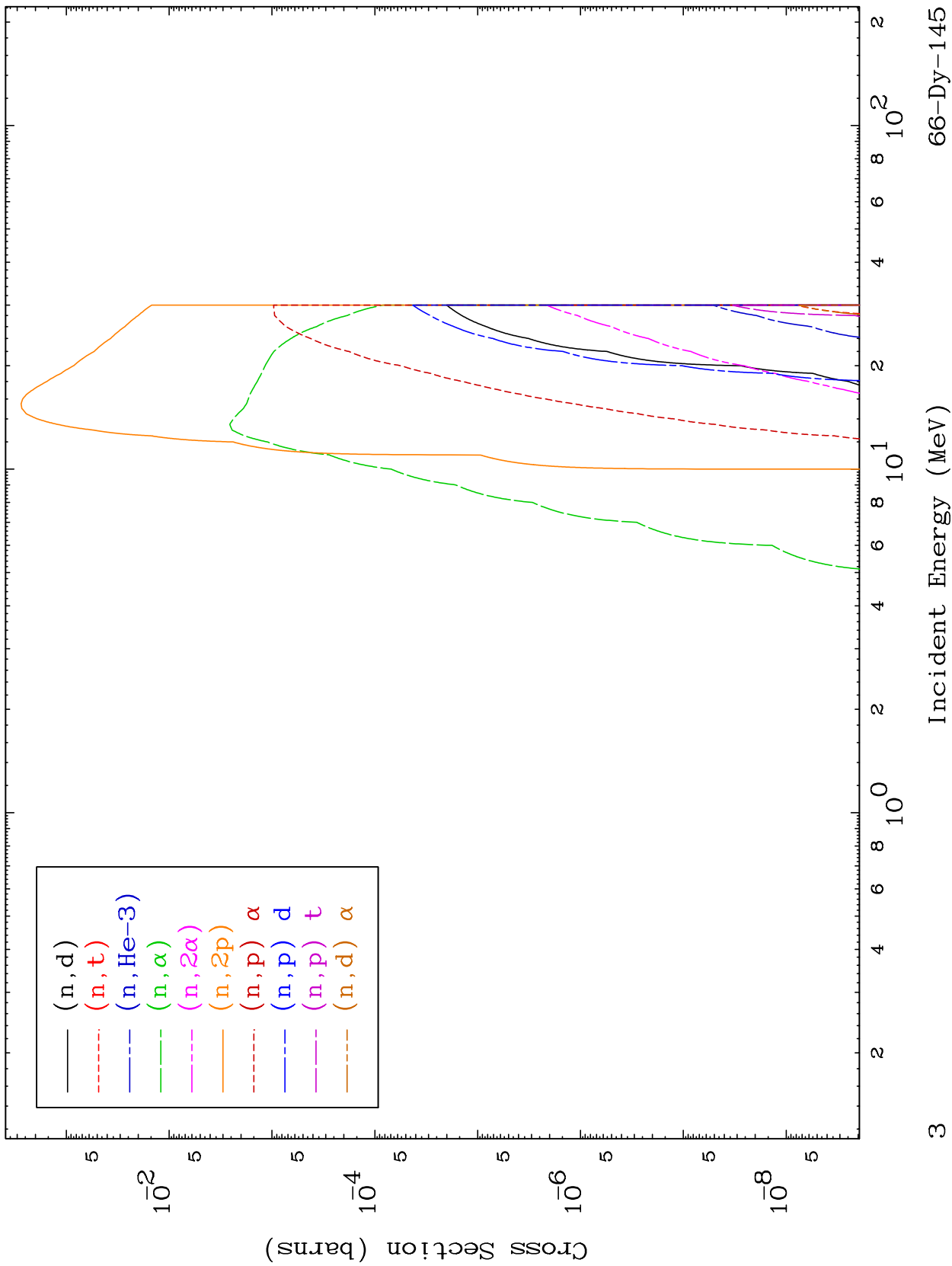
66-Dy-145

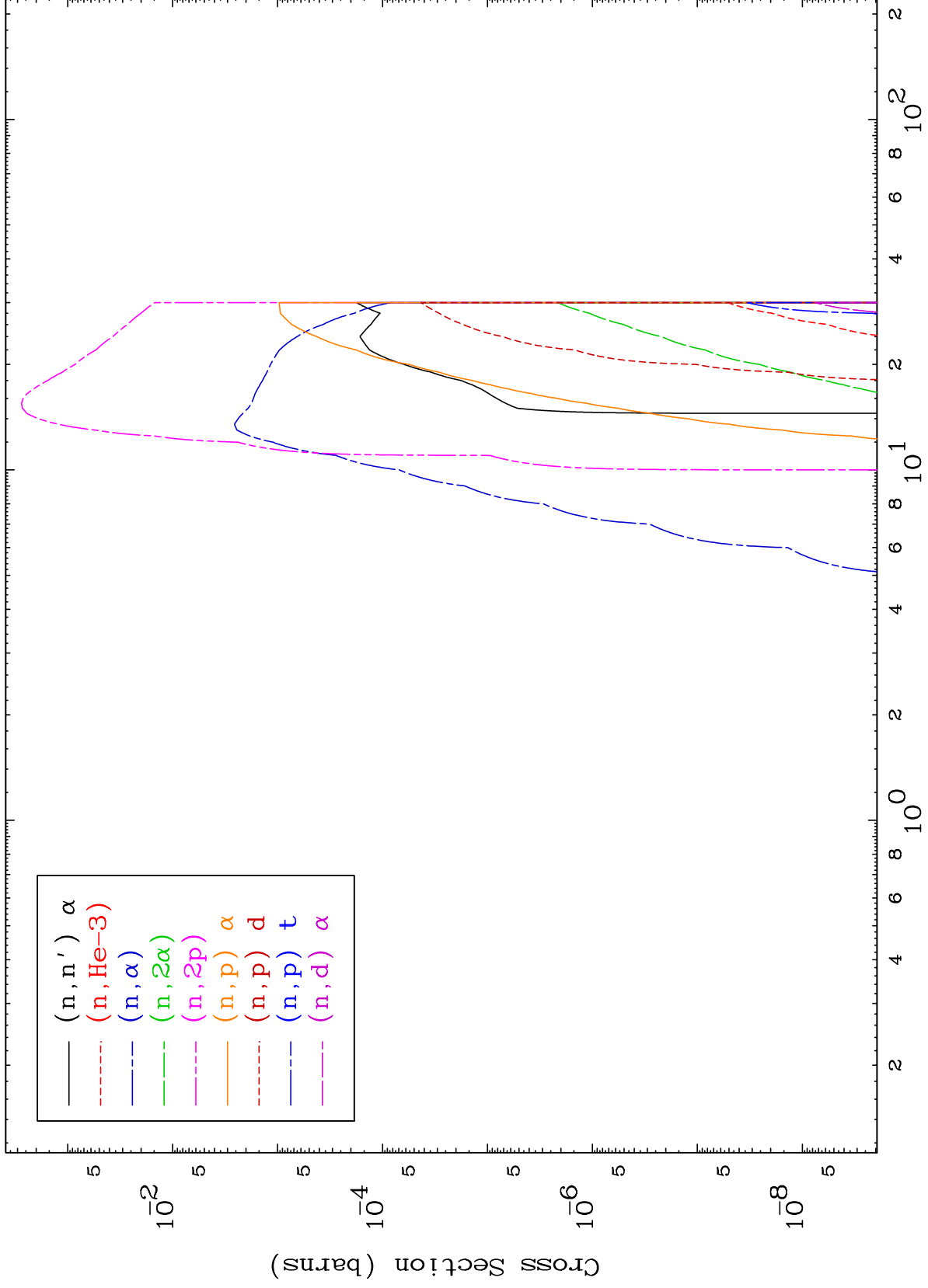
0 Kelvin Cross Sections



Legend:
— Nonelastic
- - - Inelastic
- . - (n, 2n)
- - - (n, γ)



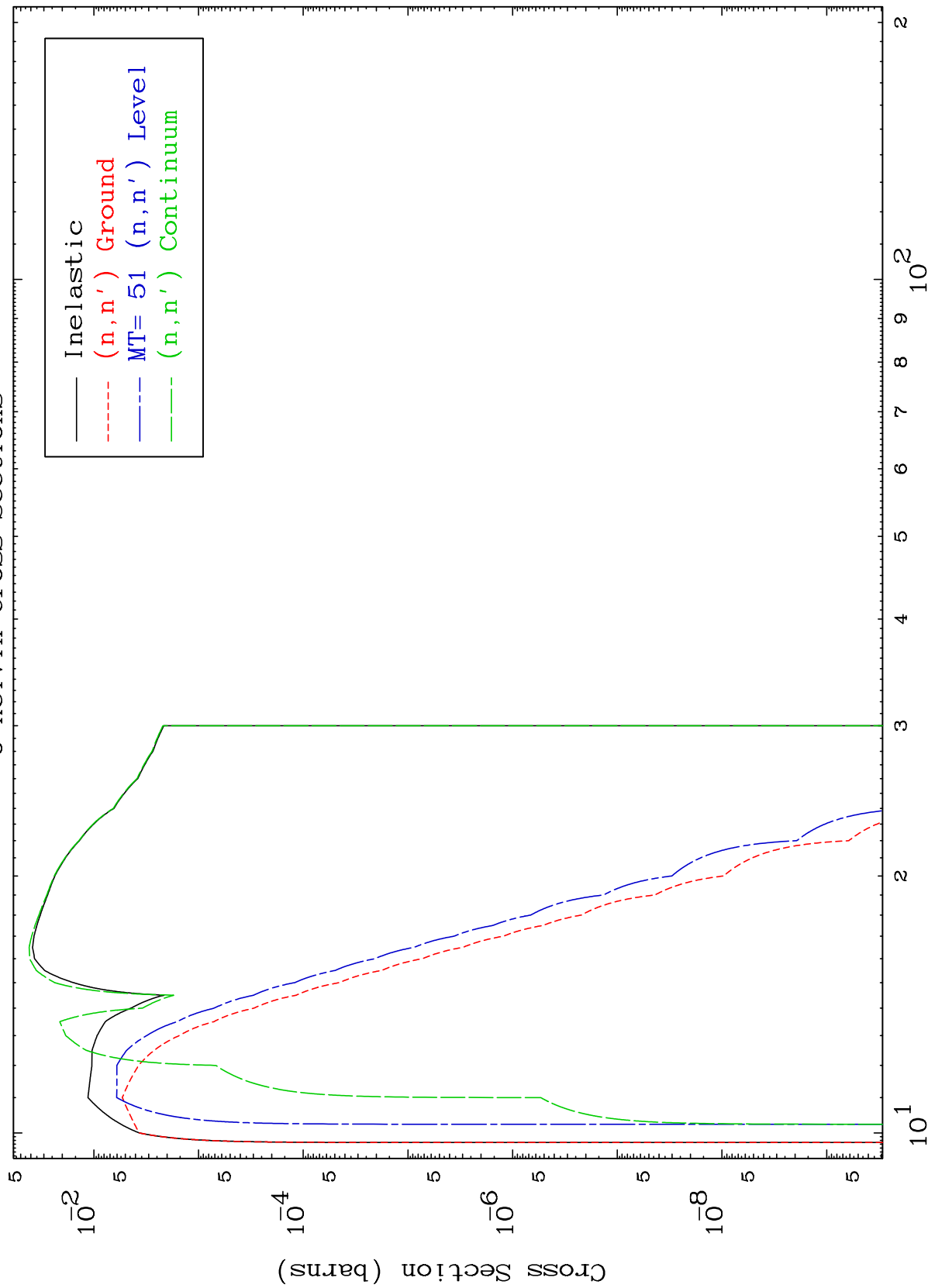




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66-Dy-145

(γ, n') Levels
0 Kelvin Cross Sections



66-Dy-145

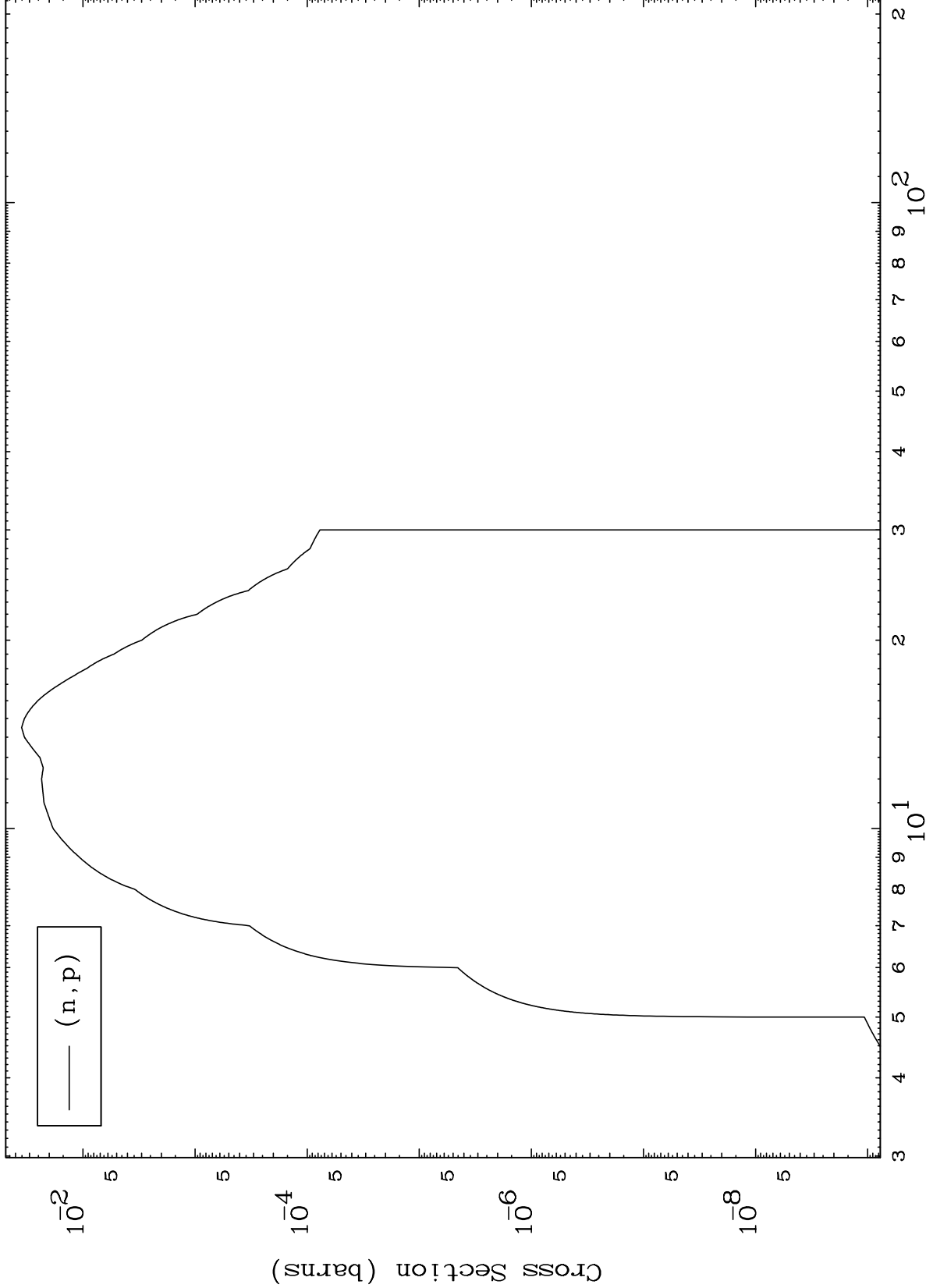
Incident Energy (MeV)

MAT 6592

(γ, p) Levels

66-Dy-145

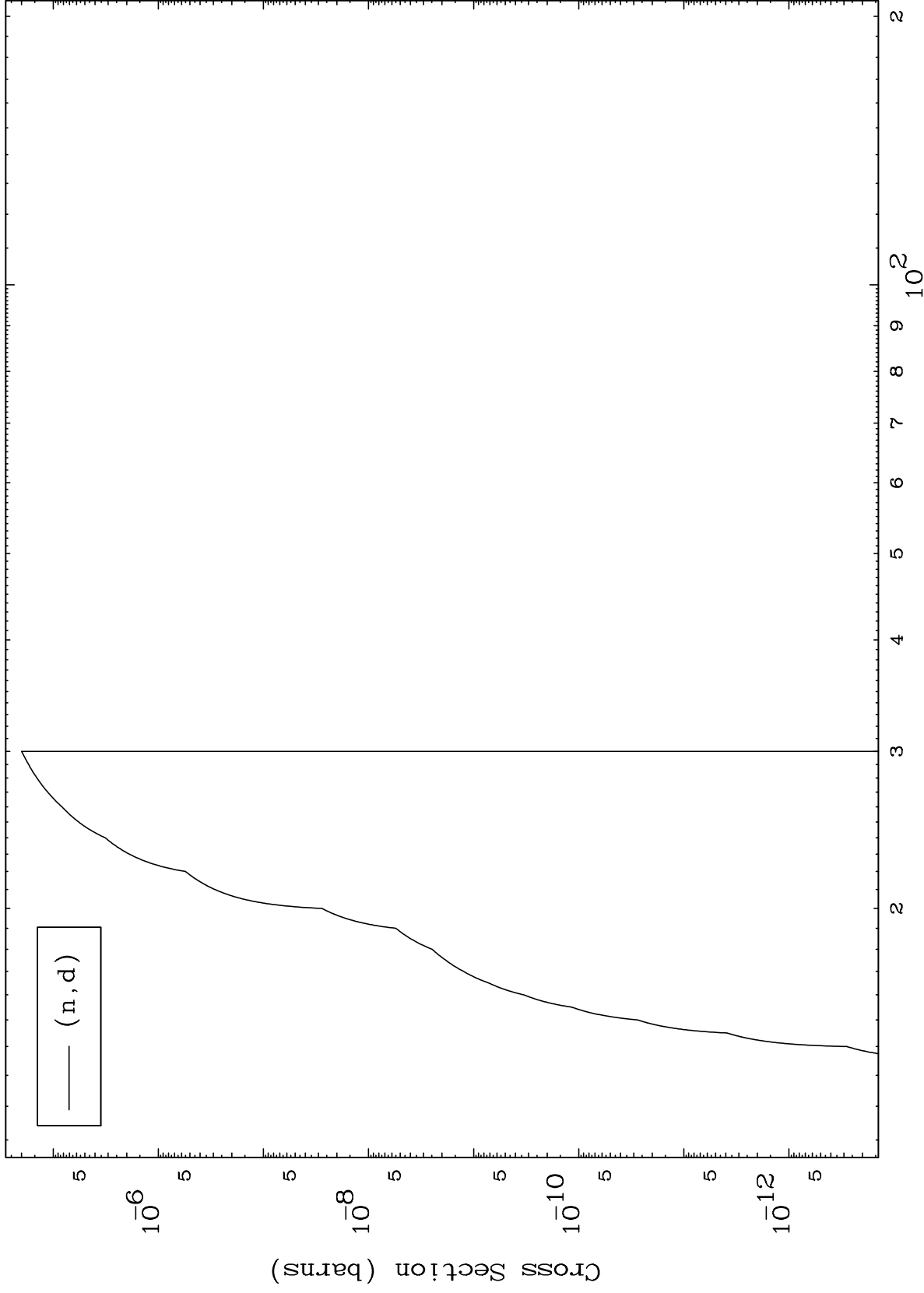
0 Kelvin Cross Sections



7

Incident Energy (MeV)

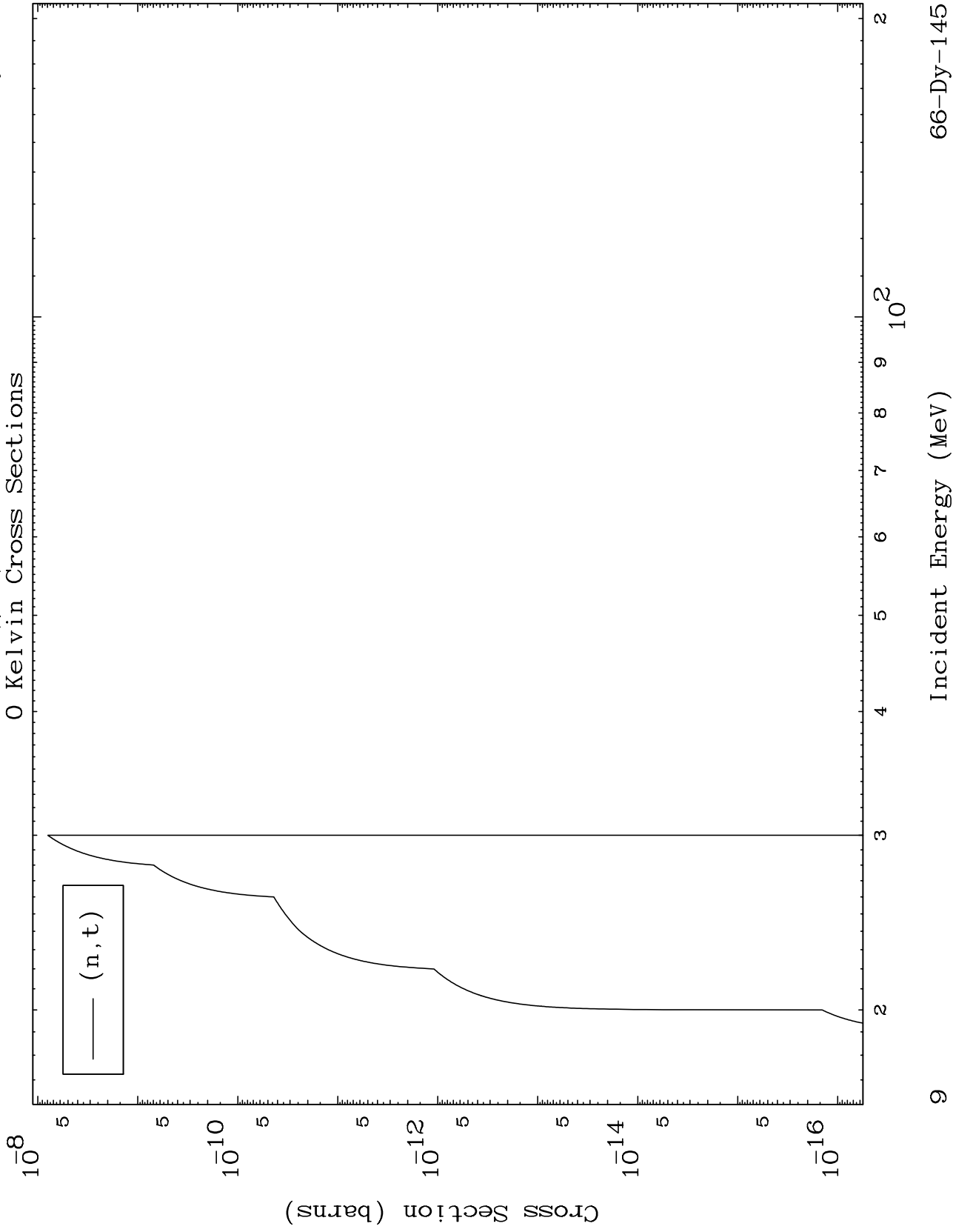
66-Dy-145



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(γ, t) Levels

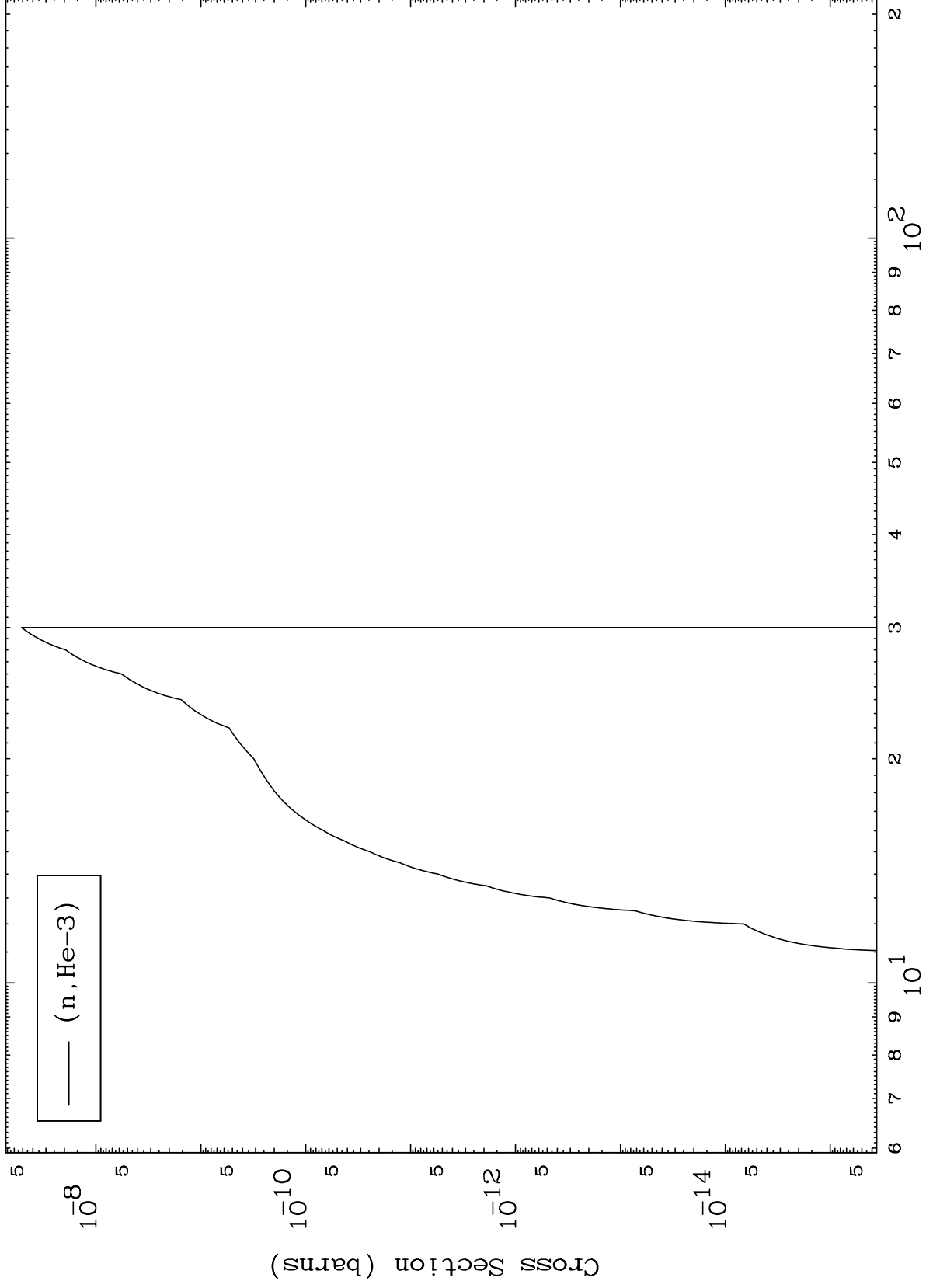
66-Dy-145



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

66-Dy-145



10

Incident Energy (MeV)

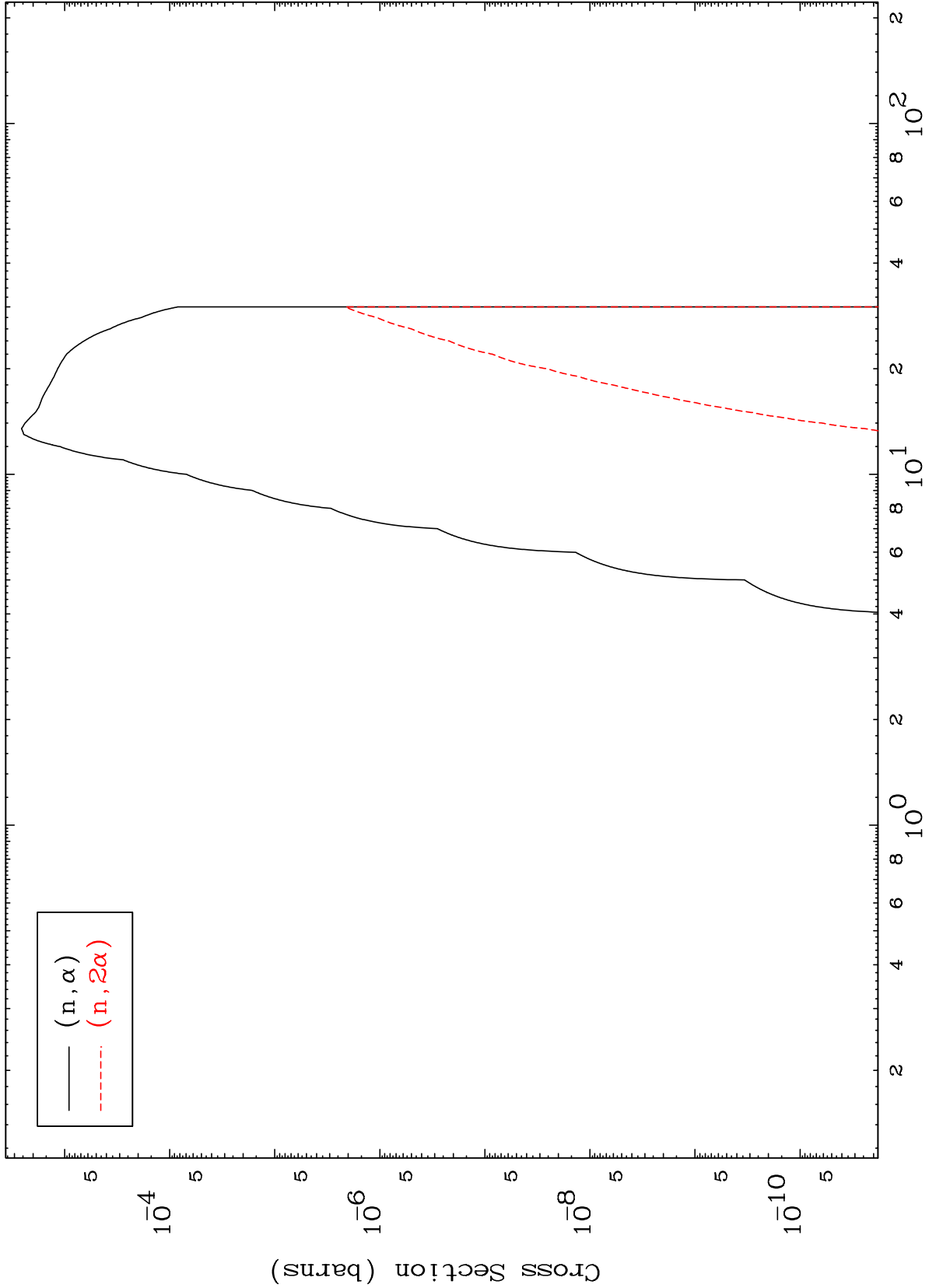
66-Dy-145

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(γ, α) Levels

66-Dy-145

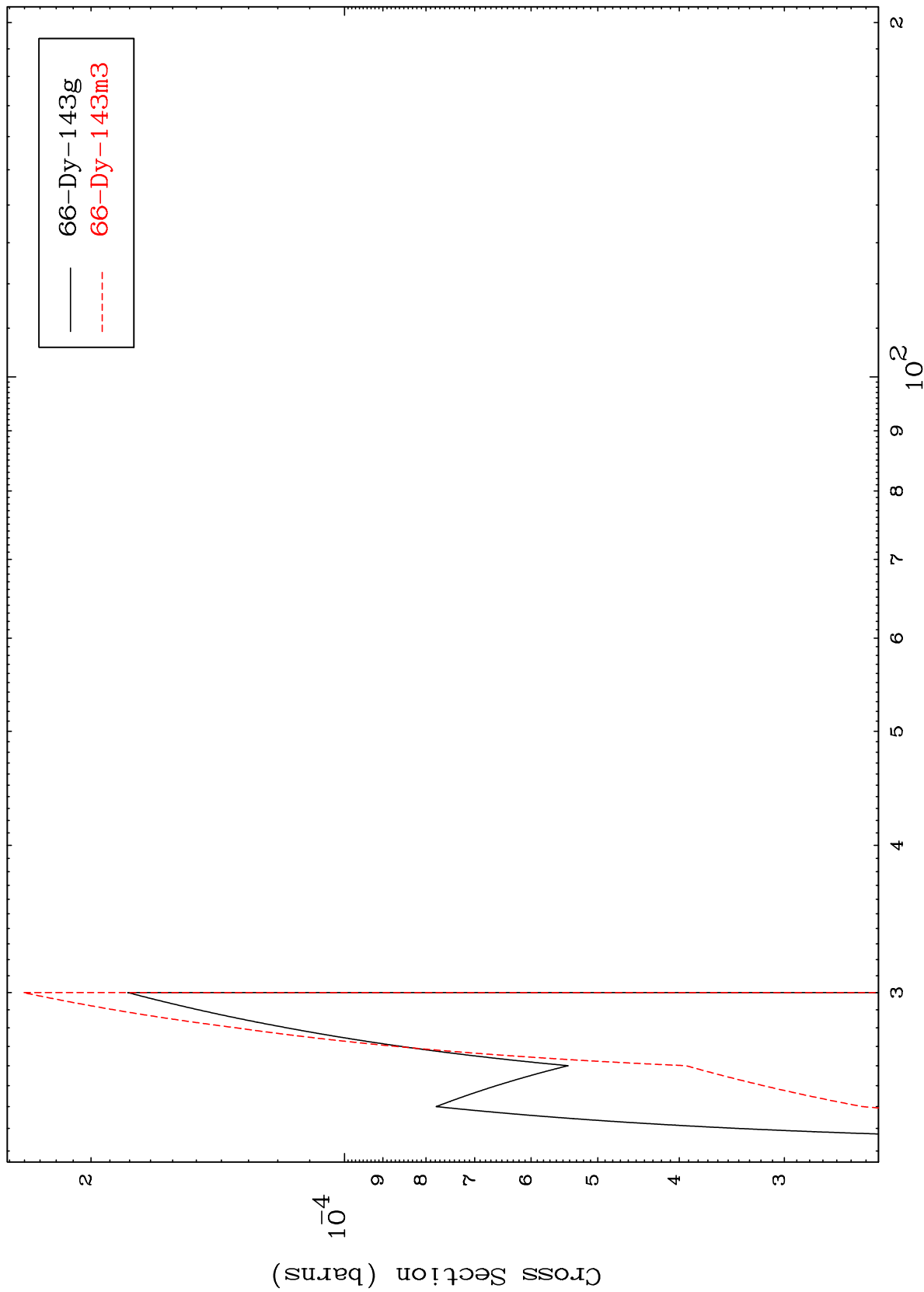
0 Kelvin Cross Sections



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66-Dy-145

(n,2n)
Radionuclide Production Cross Section



66-Dy-145

Incident Energy (MeV)

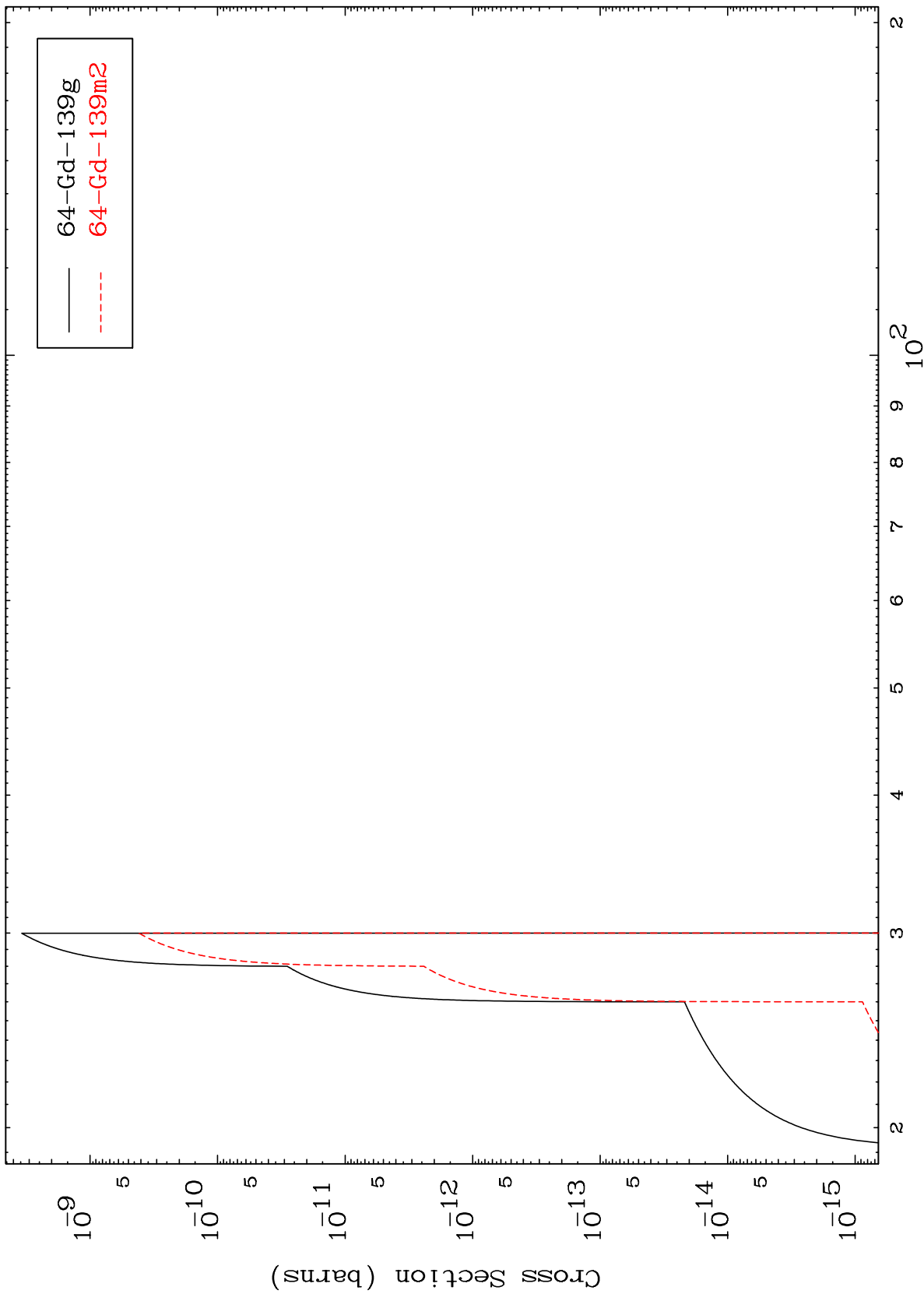
12

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(n,2n) α

66-Dy-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

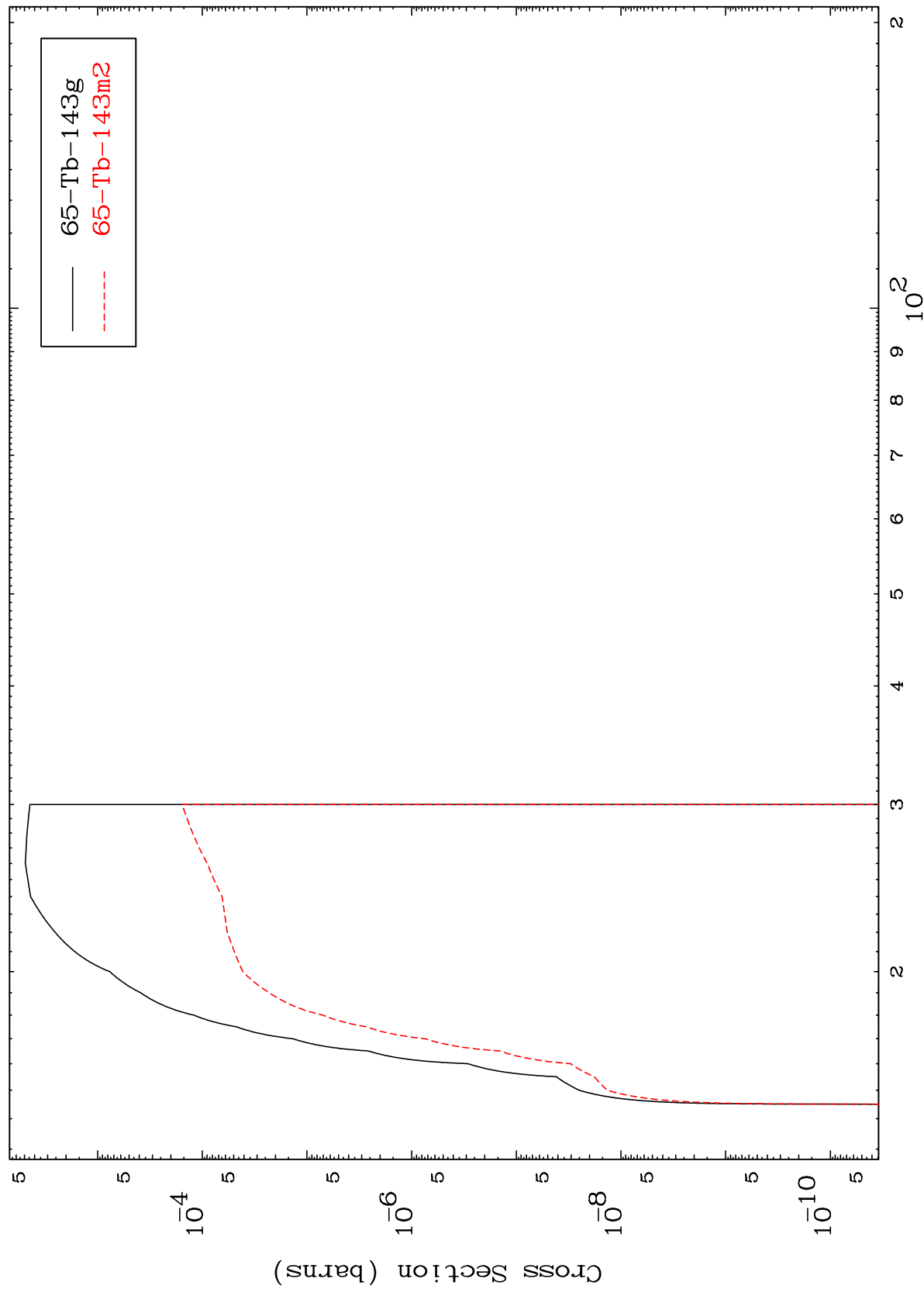
66-Dy-145

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(n,n') p

66-Dy-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

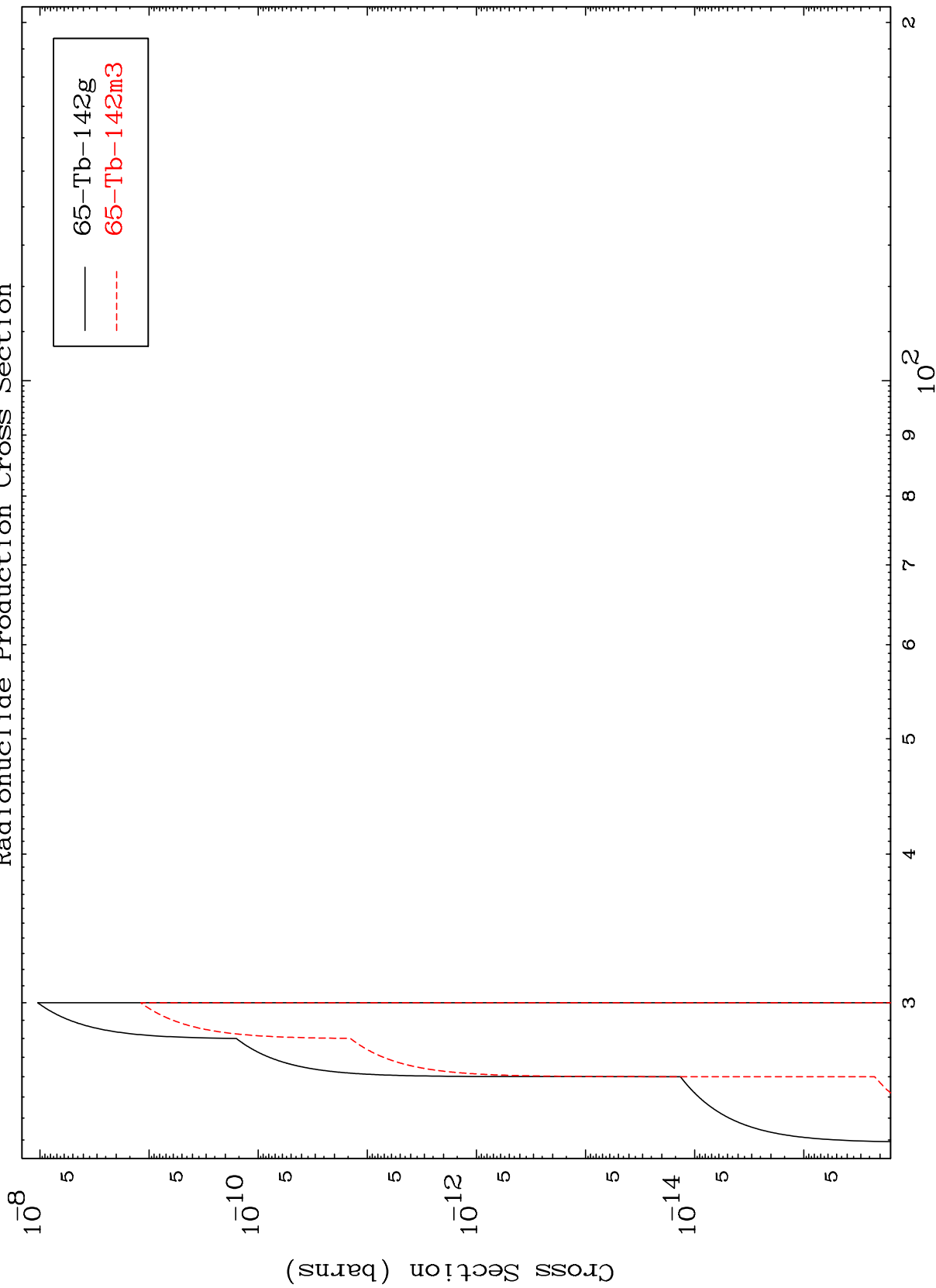
66-Dy-145

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(n,n') d

66-Dy-145

Radionuclide Production Cross Section



15

Incident Energy (MeV)

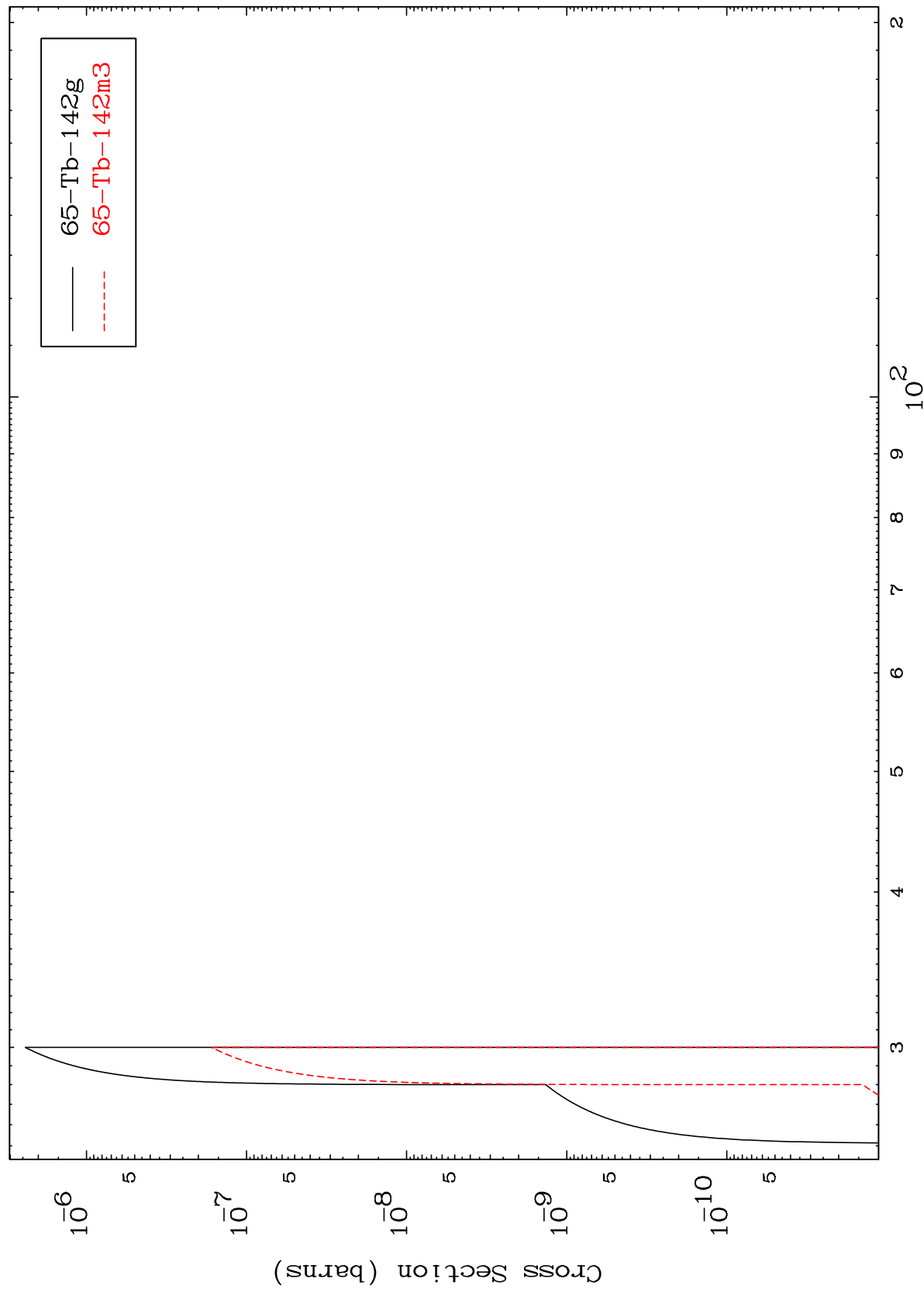
66-Dy-145

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(n,2n) p

66-Dy-145

Radionuclide Production Cross Section



65-Tb-142g
65-Tb-142m3

16

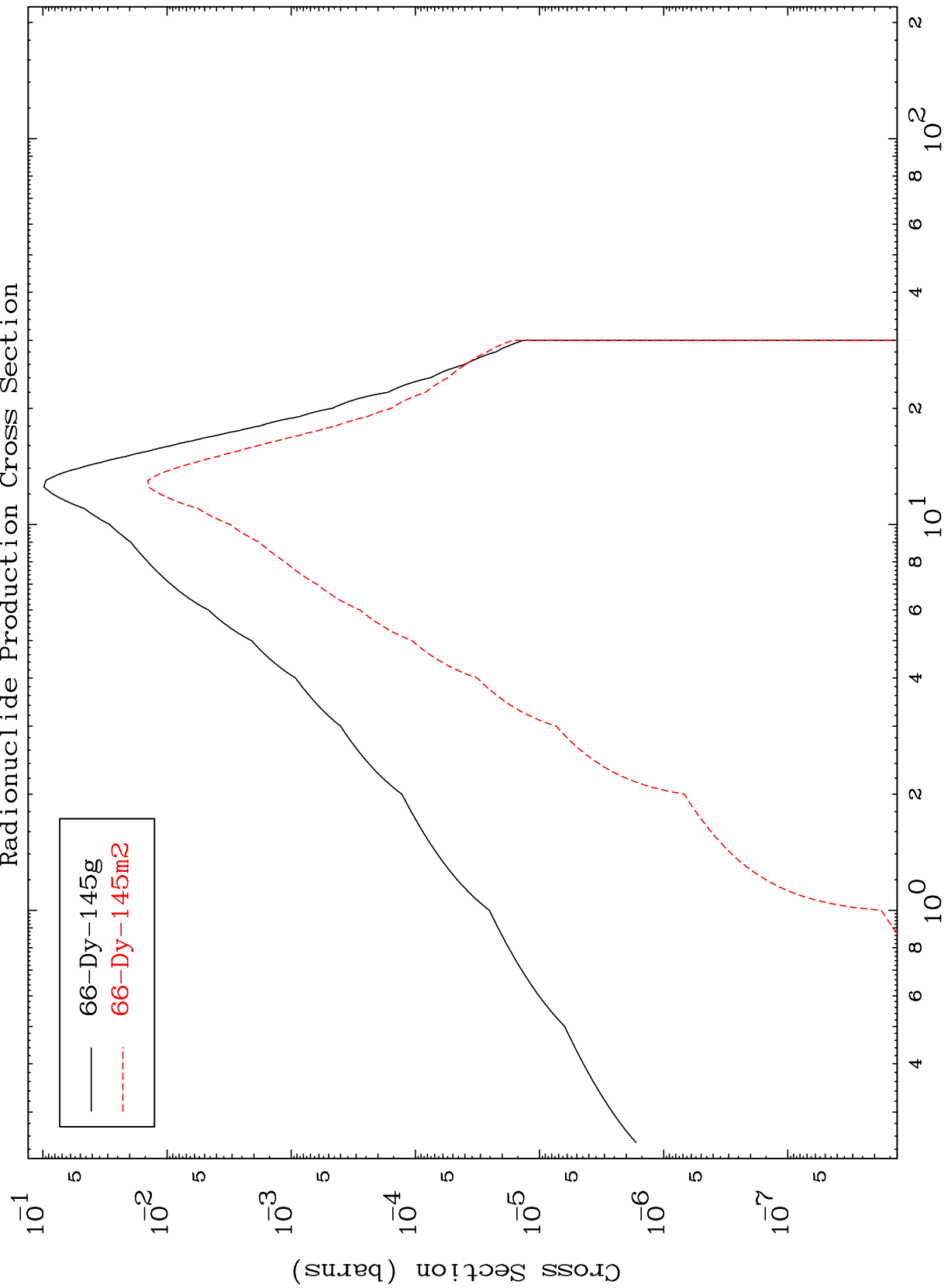
Incident Energy (MeV)

66-Dy-145

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66-Dy-145

Radionuclide Production Cross Section



66-Dy-145g
66-Dy-145m2

17

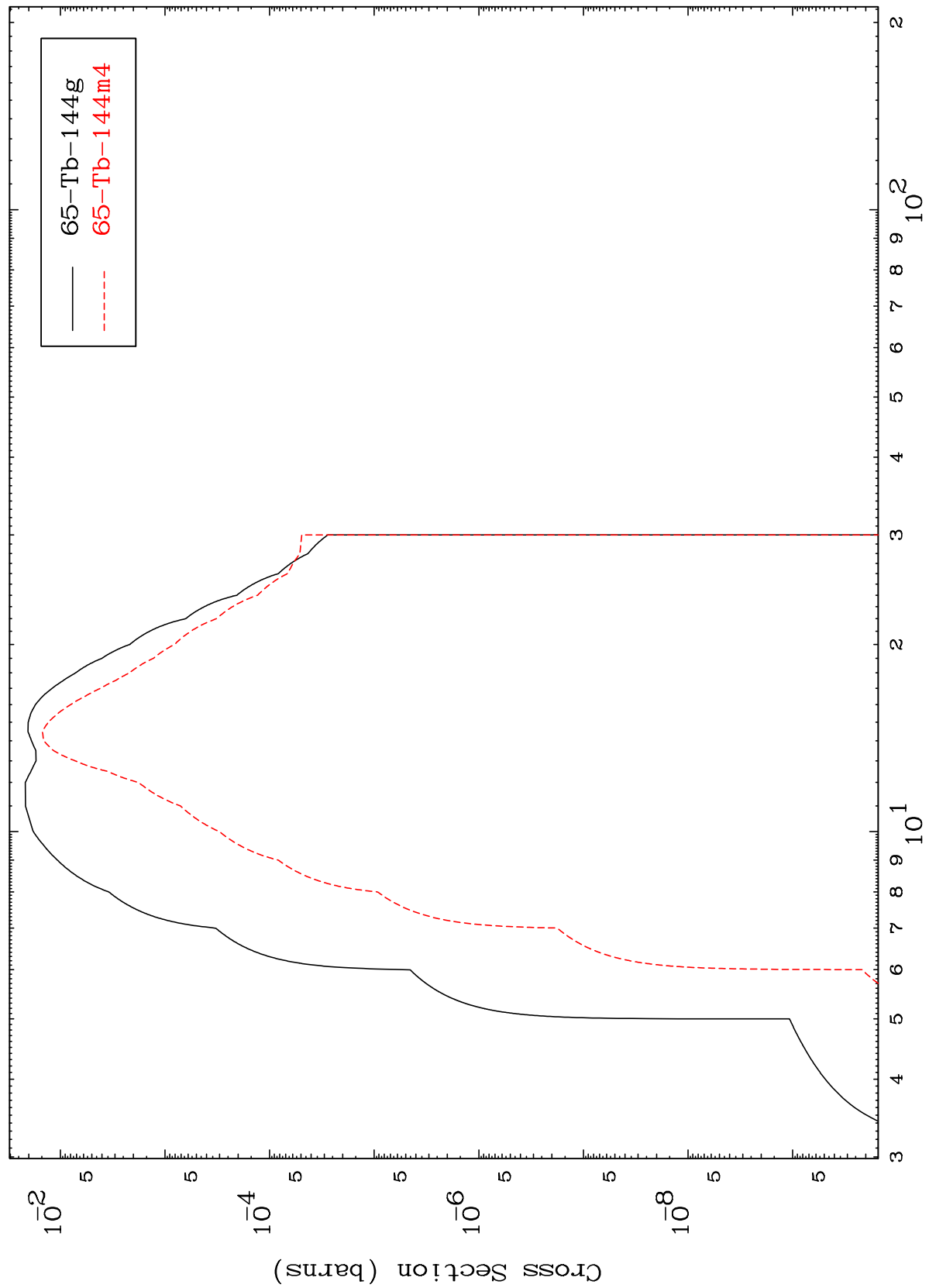
Incident Energy (MeV)

66-Dy-145

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66-Dy-145

(n,p)
Radionuclide Production Cross Section

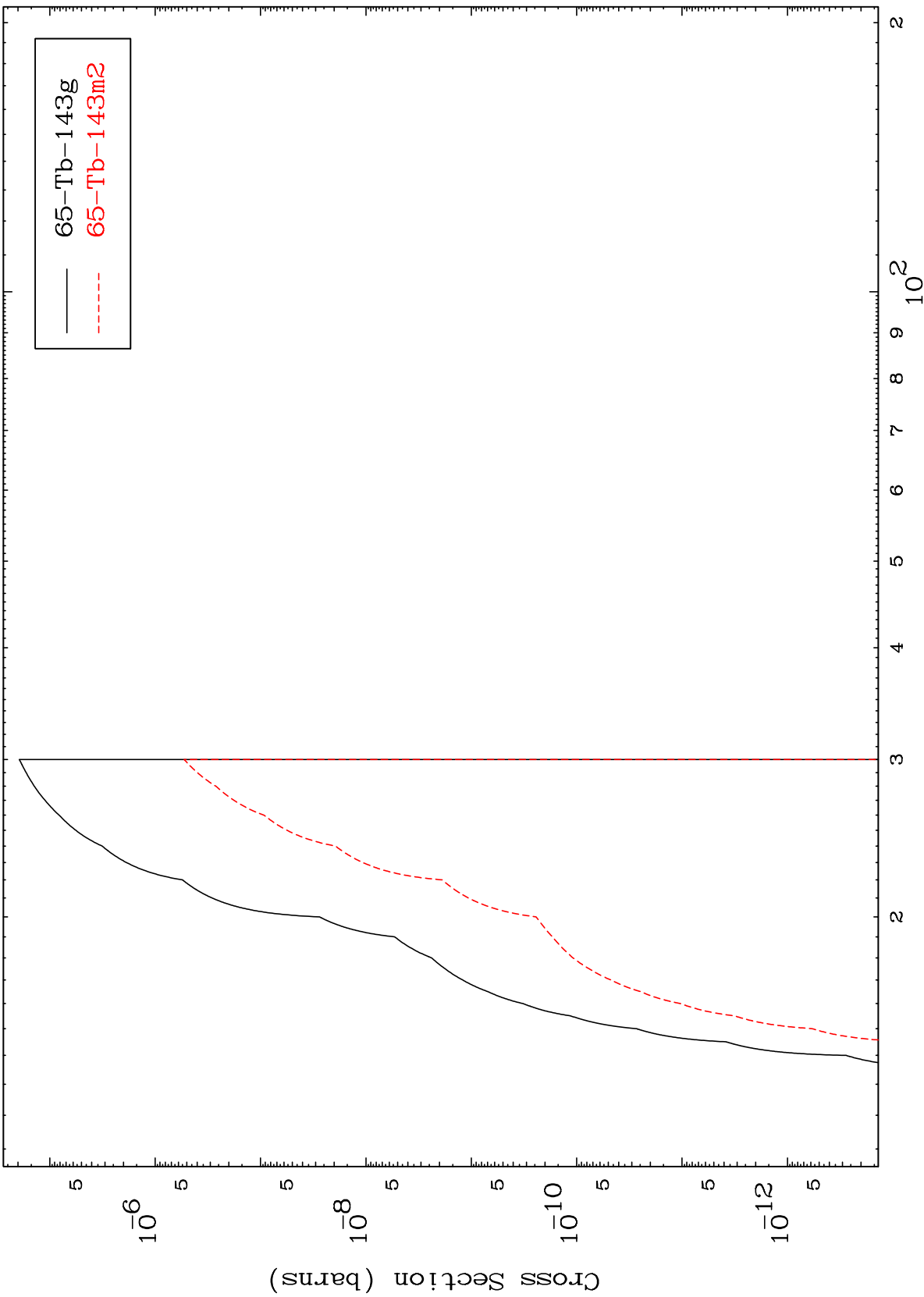


66-Dy-145

Incident Energy (MeV)

18

Radionuclide Production Cross Section

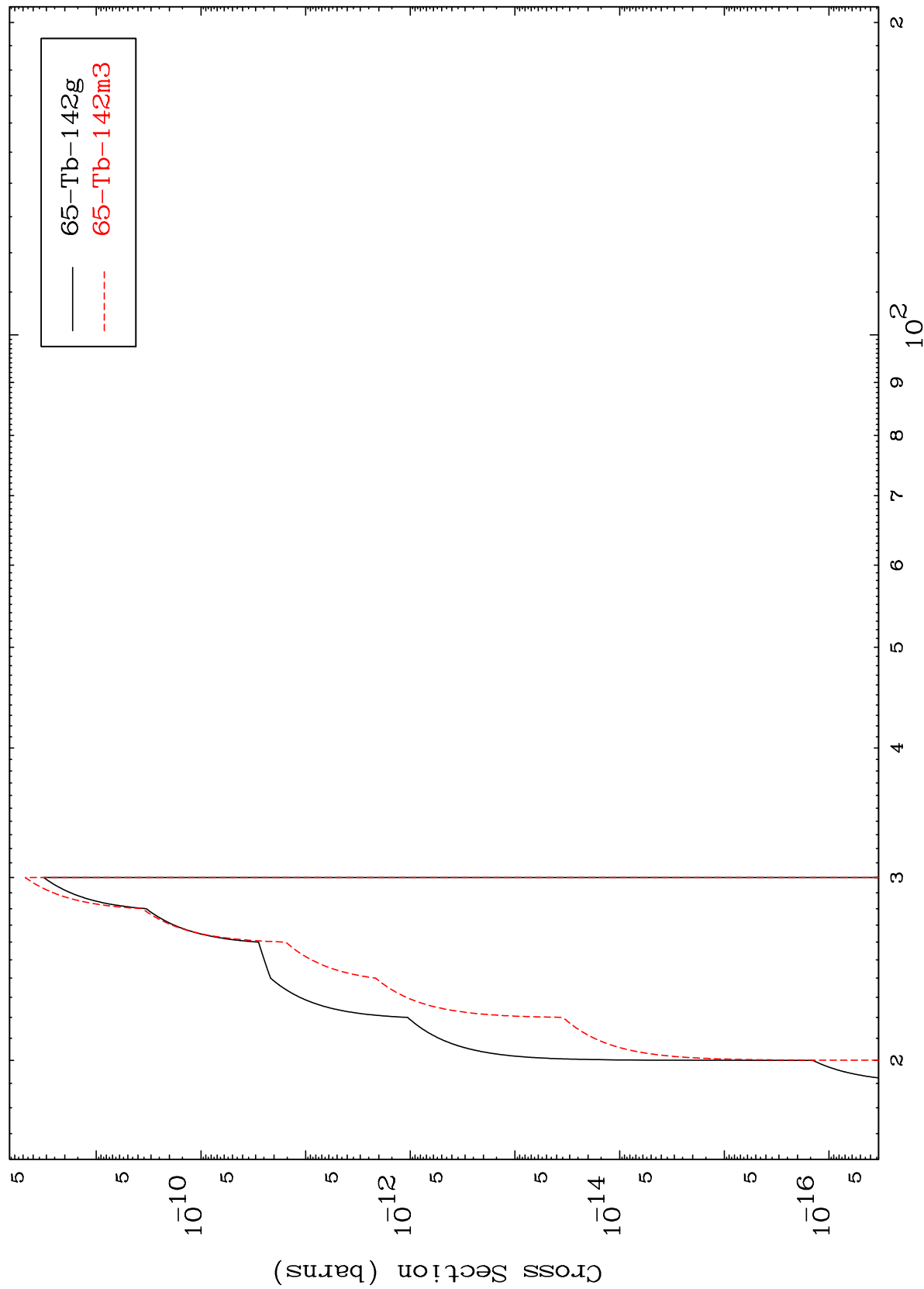


65-Tb-143g
65-Tb-143m2

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66-Dy-145

(n, t)
Radionuclide Production Cross Section



65-Tb-142g
65-Tb-142m3

66-Dy-145

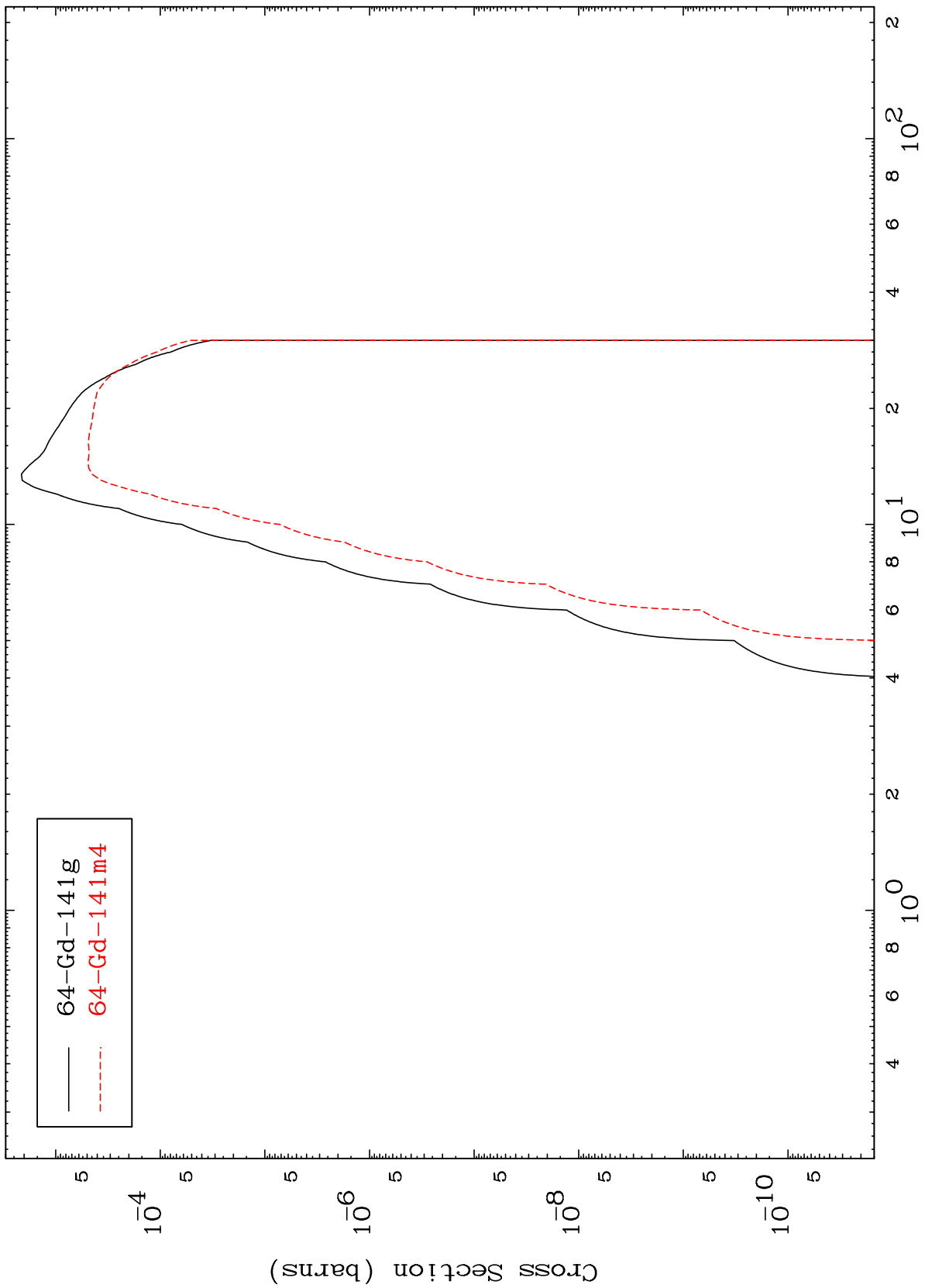
Incident Energy (MeV)

20

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66-Dy-145

(n, α)
Radionuclide Production Cross Section

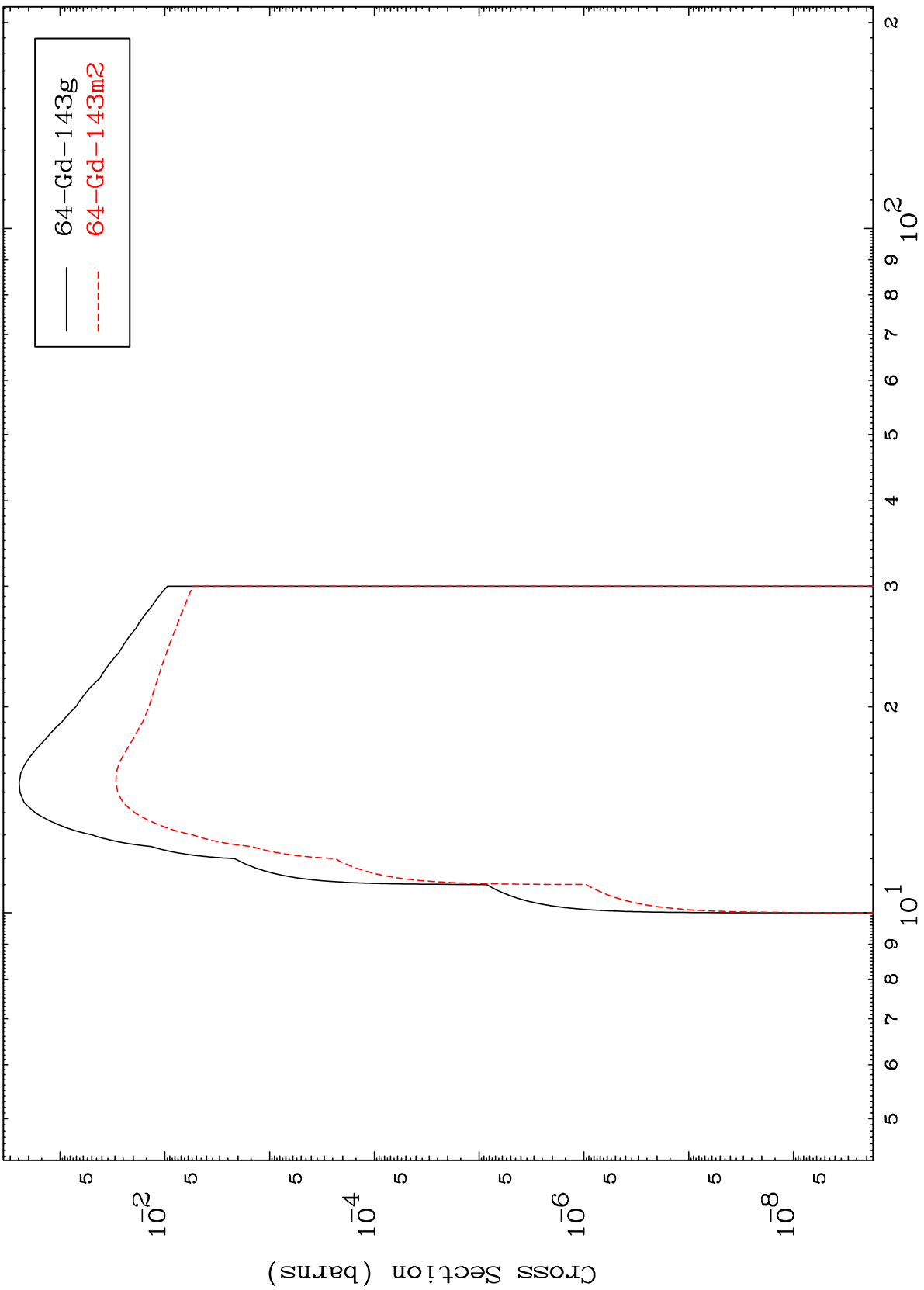


64-Gd-141g
64-Gd-141m4

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66-Dy-145

(n,2p)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

66-Dy-145

Radionuclide Production Cross Section

