

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

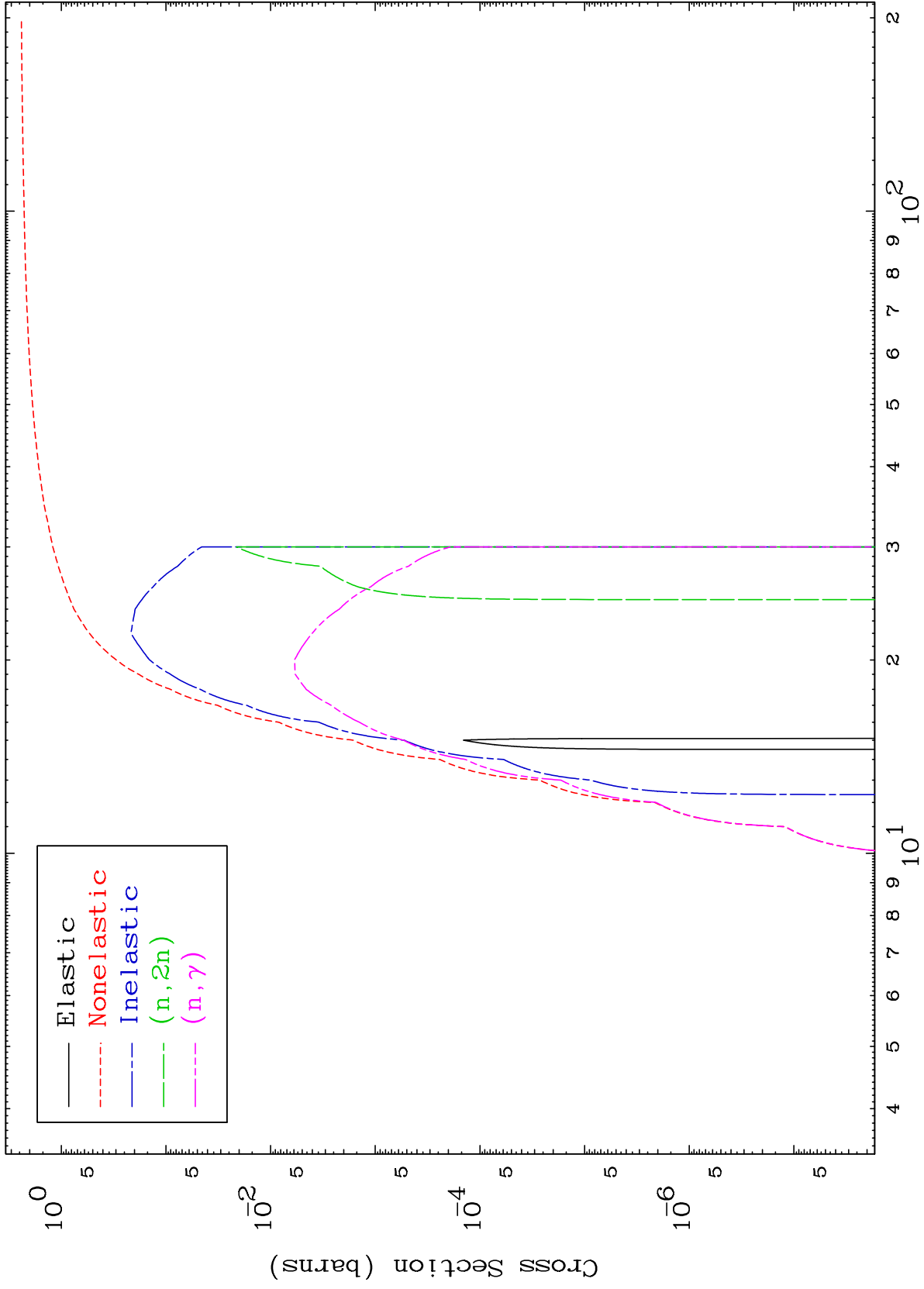
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

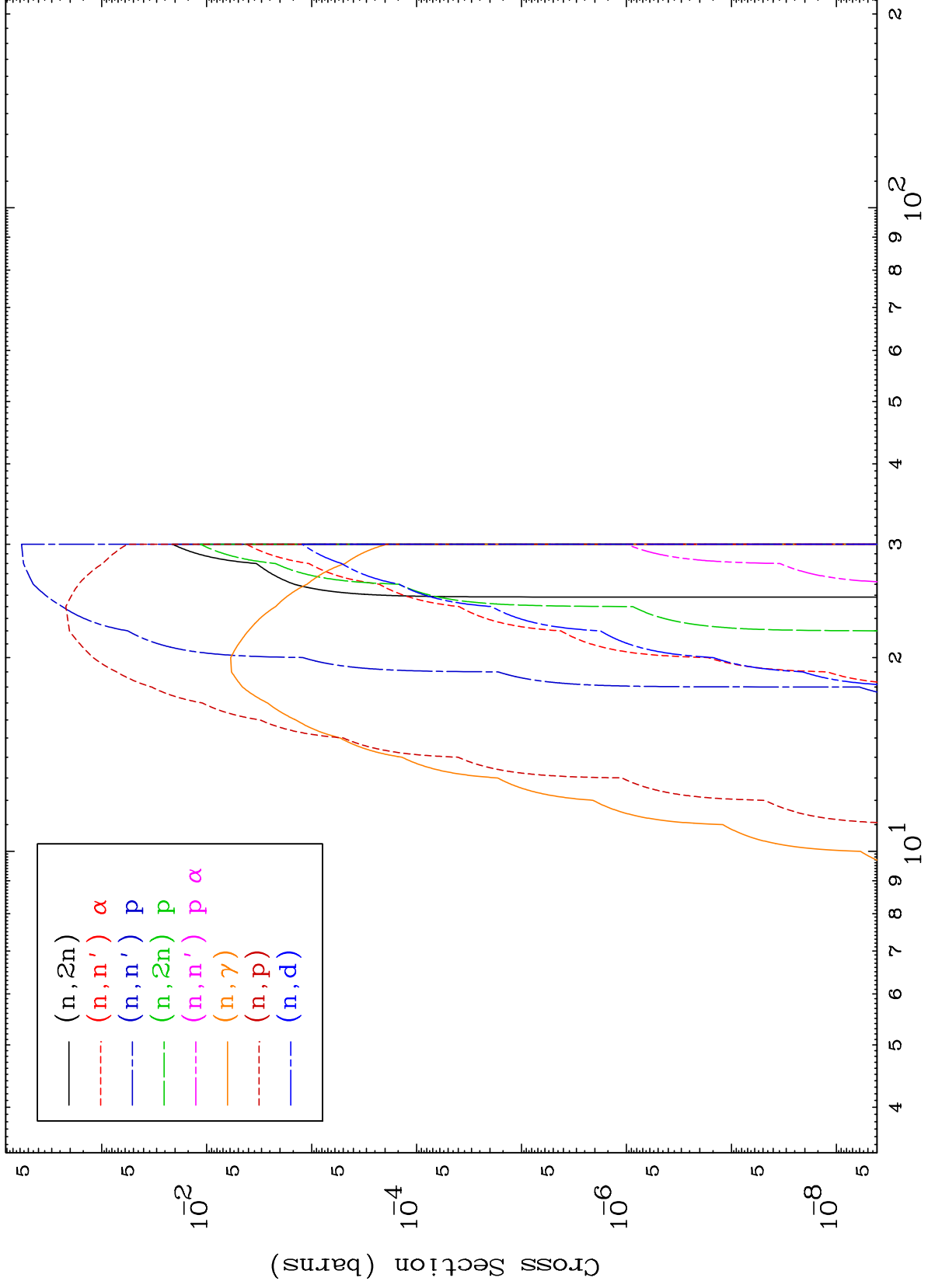
Tele: 925-443-1911

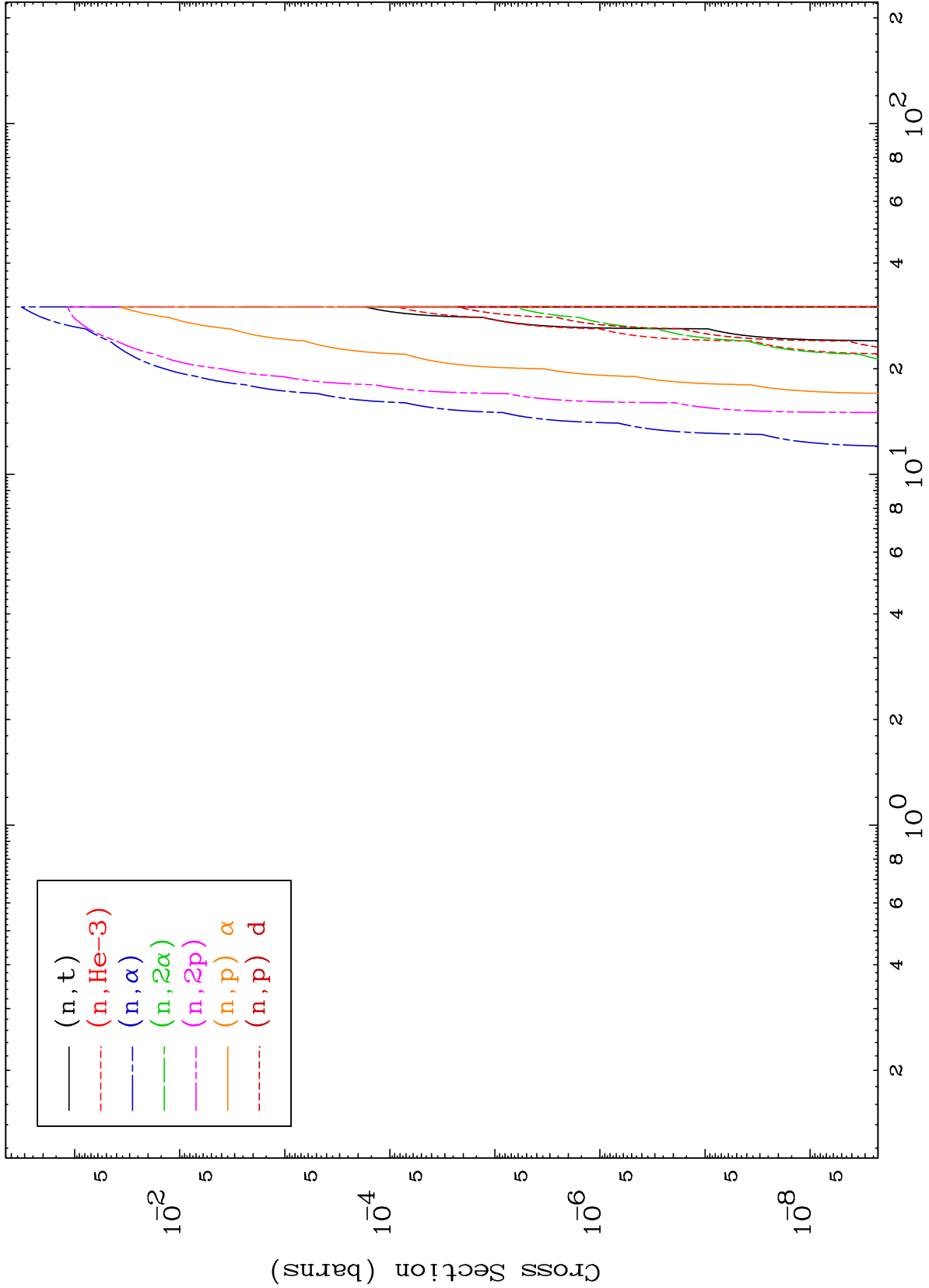
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



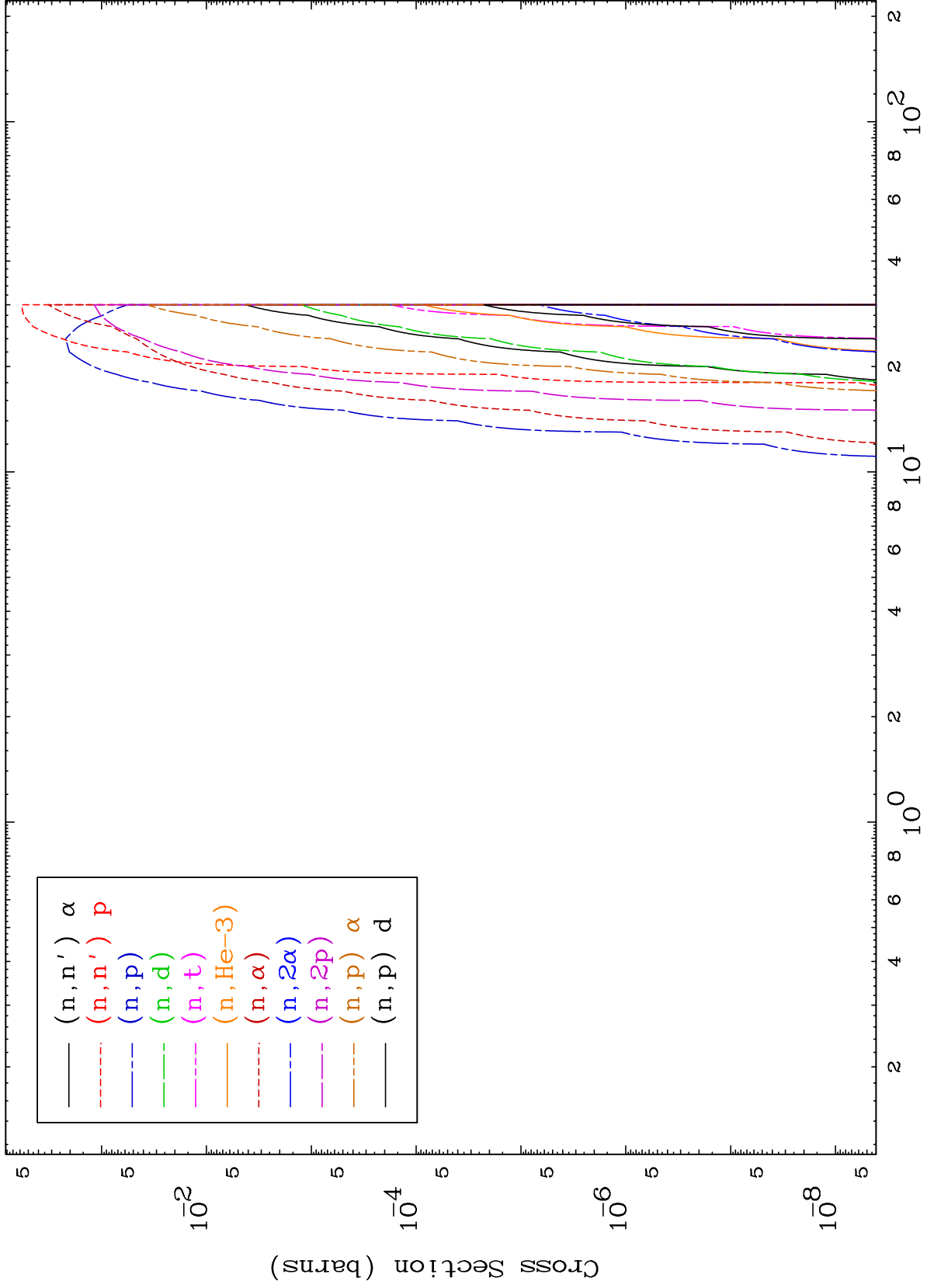




MAT 6598

α Charged Particle
0 Kelvin Cross Sections

66-Dy-147

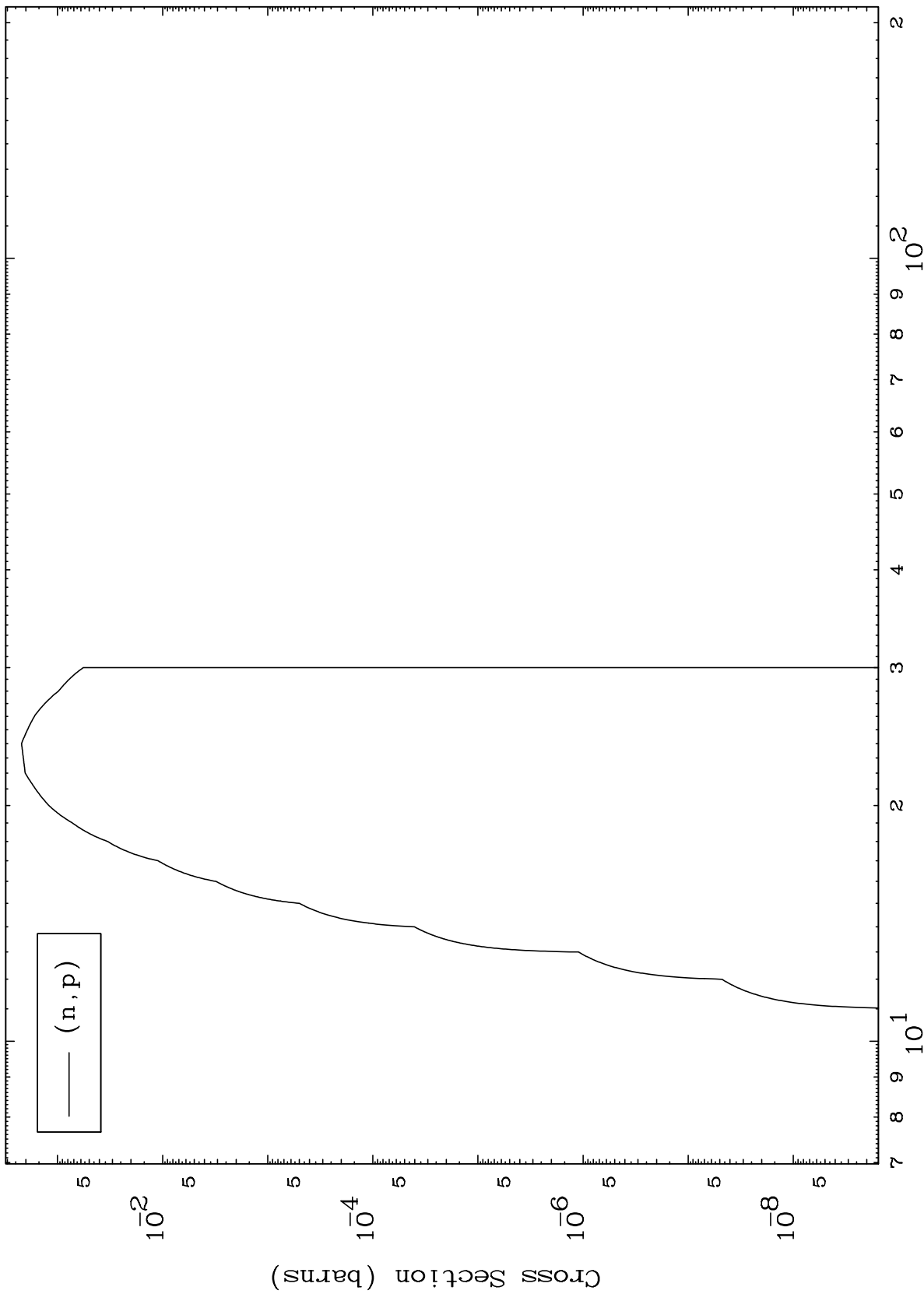


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(α, p) Levels

66-Dy-147

0 Kelvin Cross Sections



5

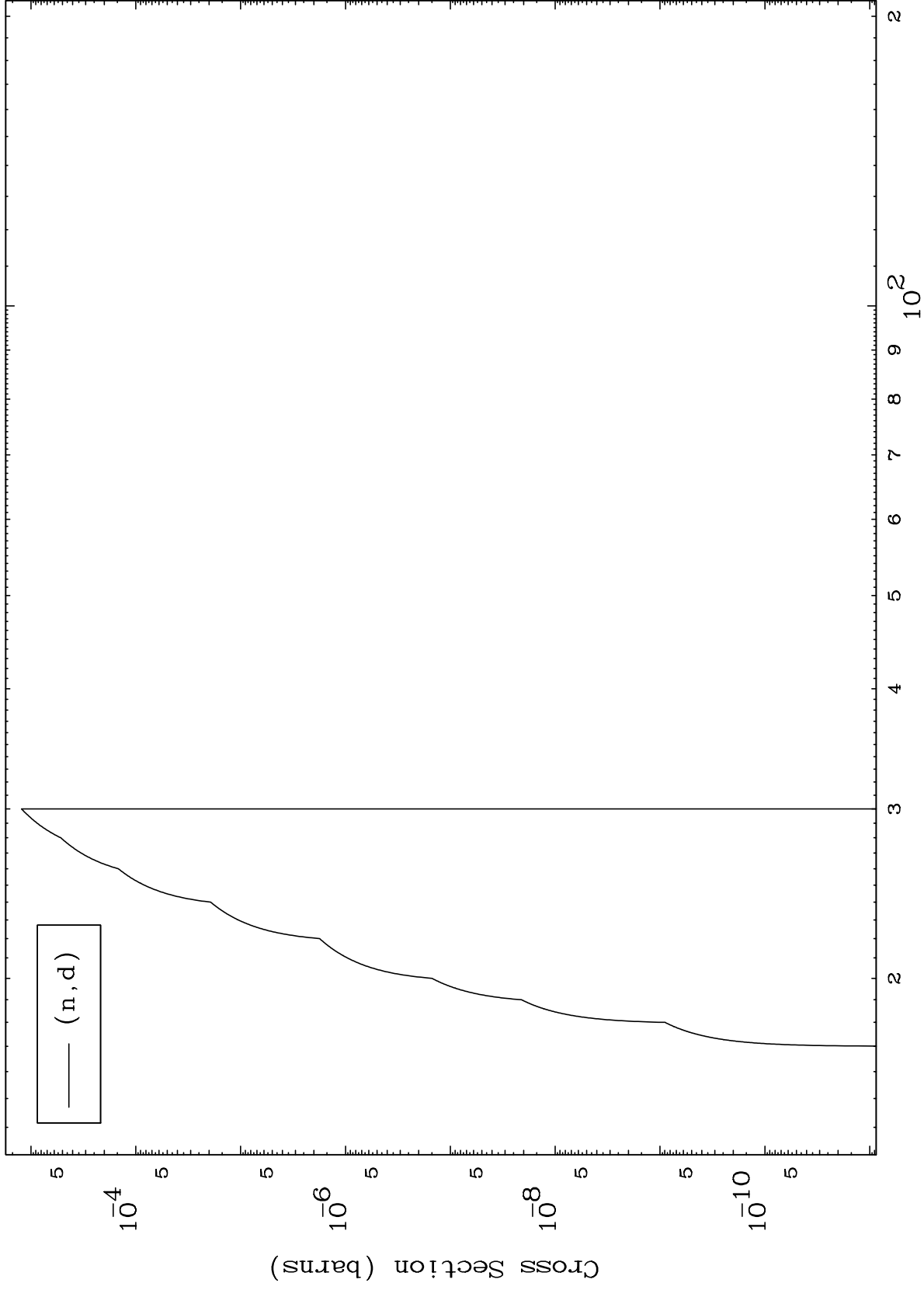
Incident Energy (MeV)

66-Dy-147

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(α, d) Levels
0 Kelvin Cross Sections

66-Dy-147



6

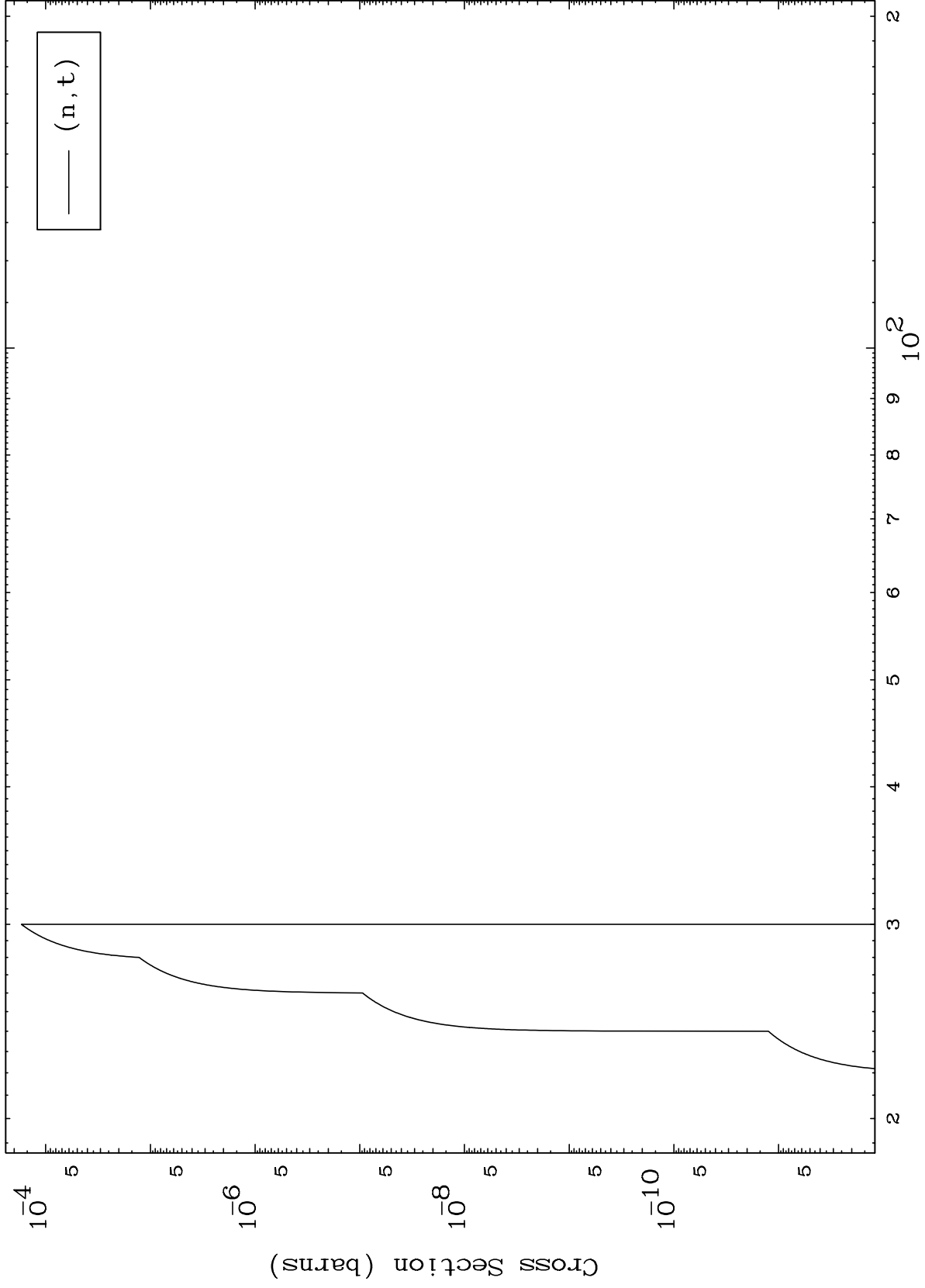
Incident Energy (MeV)

66-Dy-147

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(α, t) Levels
0 Kelvin Cross Sections

66-Dy-147



7

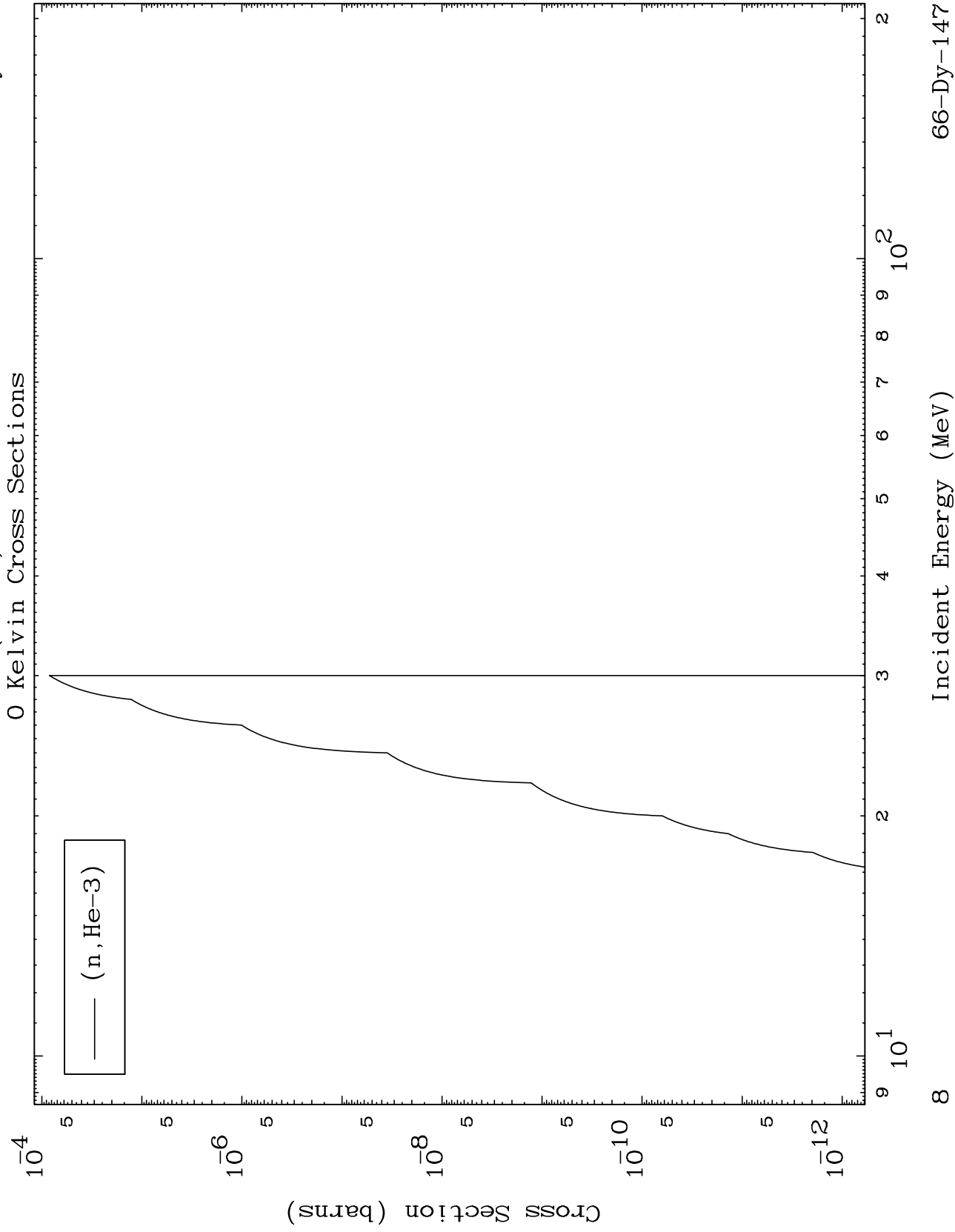
Incident Energy (MeV)

66-Dy-147

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($\alpha, \text{He}3$) Levels

66-Dy-147



66-Dy-147

Incident Energy (MeV)

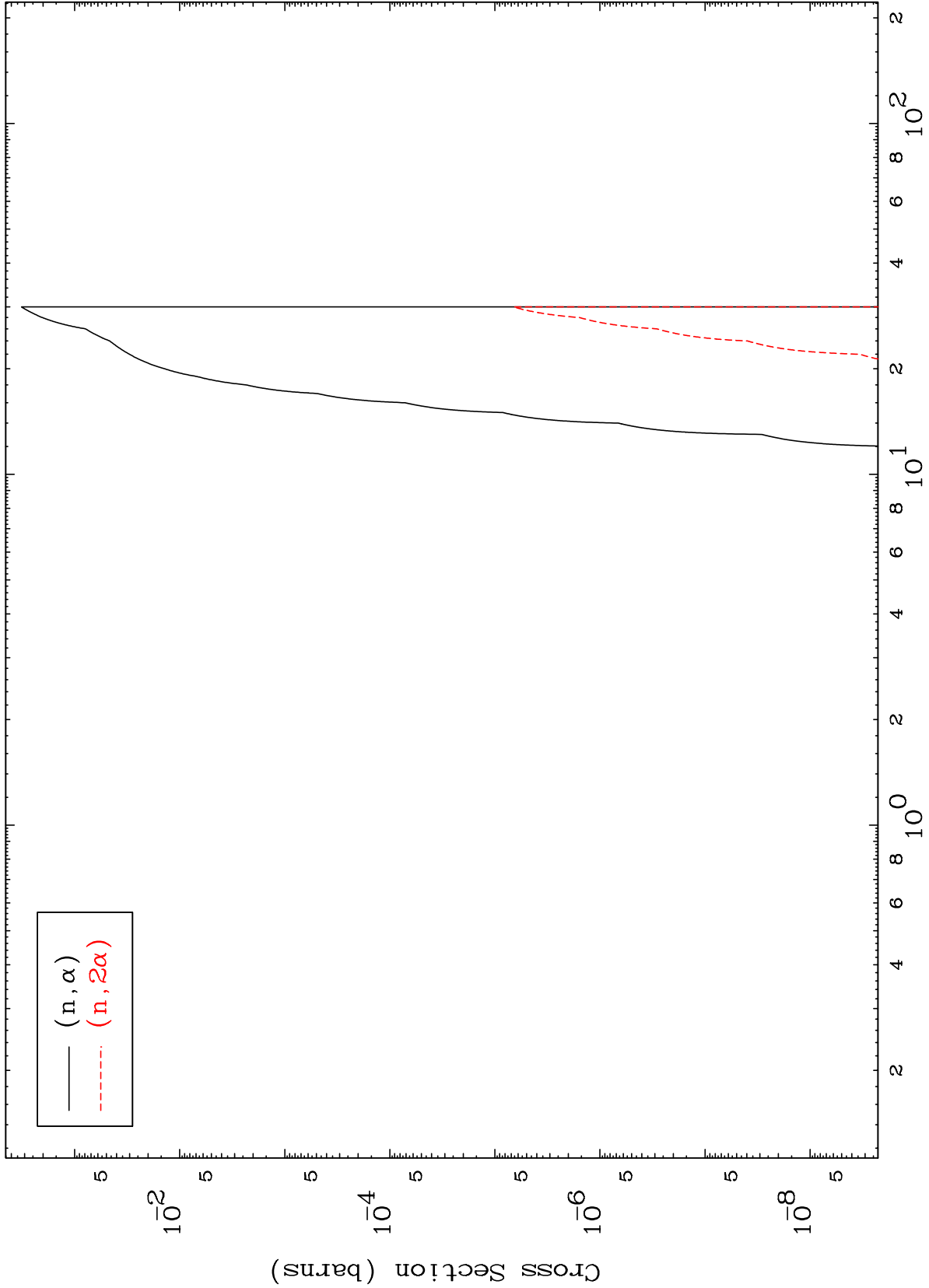
8

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(α, α) Levels

66-Dy-147

0 Kelvin Cross Sections

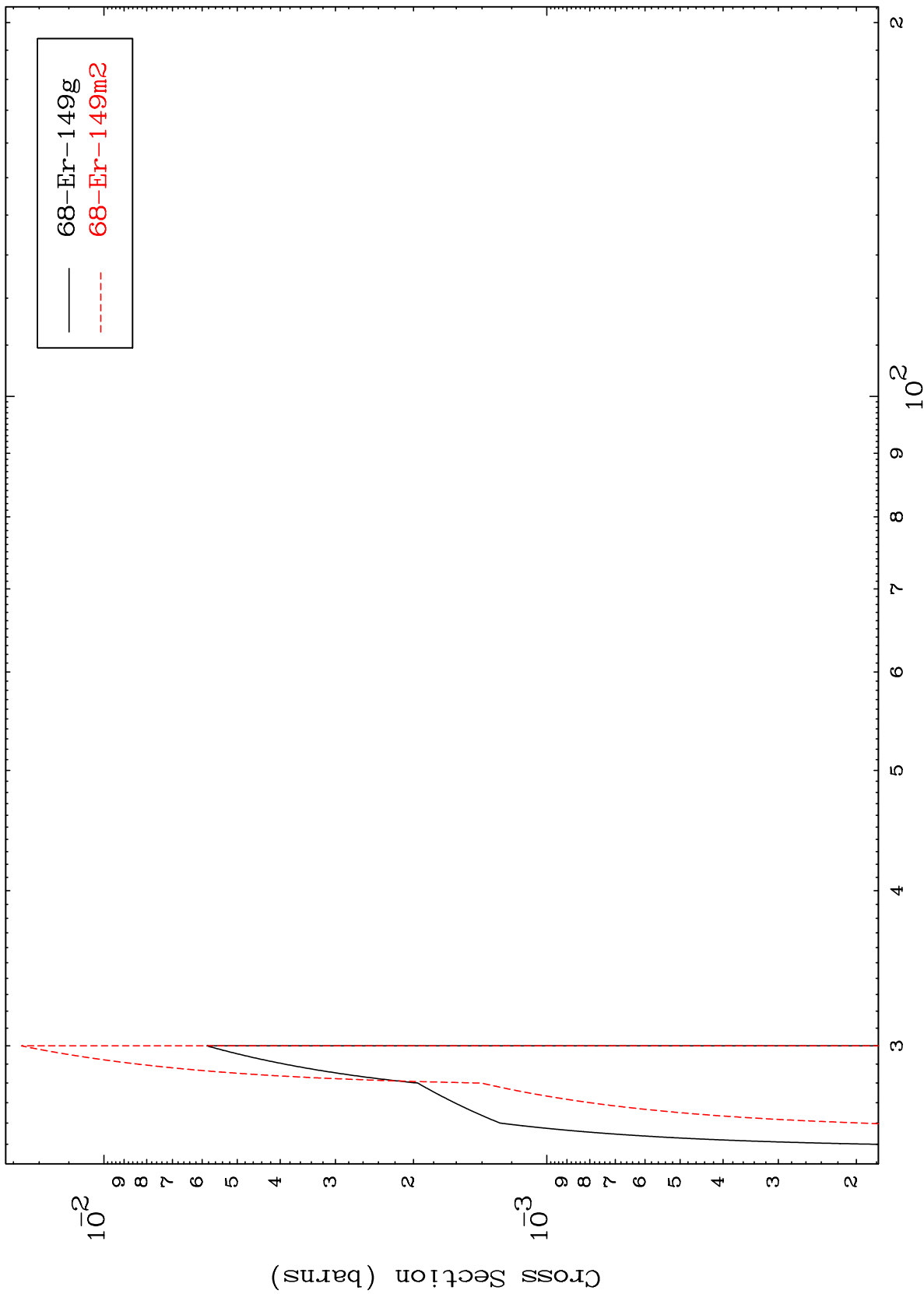


— (n, α)
- - - ($n, 2\alpha$)

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66-Dy-147

(n,2n)
Radionuclide Production Cross Section



68-Er-149g
68-Er-149m2

66-Dy-147

Incident Energy (MeV)

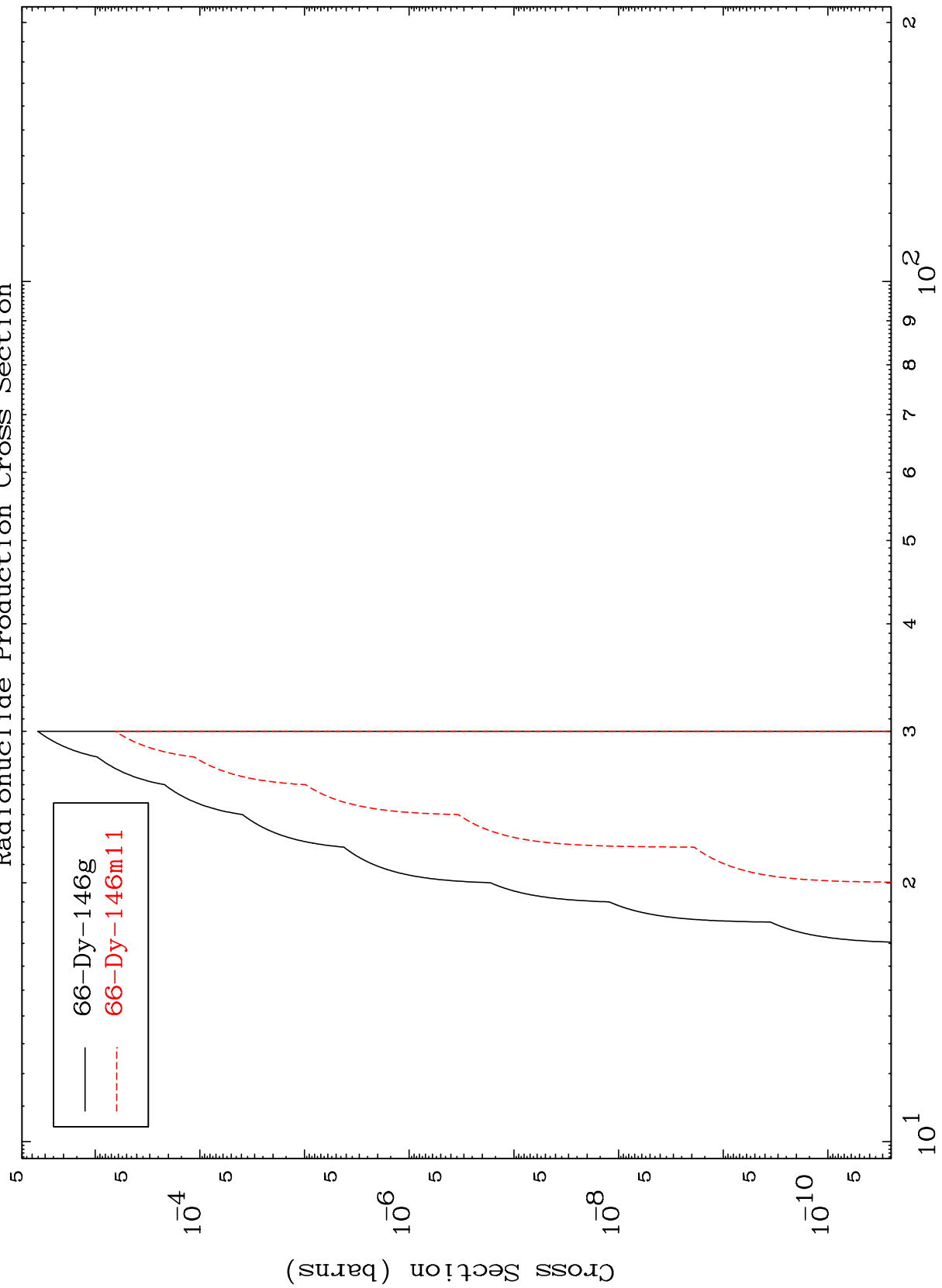
10

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(n,n') α

66-Dy-147

Radionuclide Production Cross Section



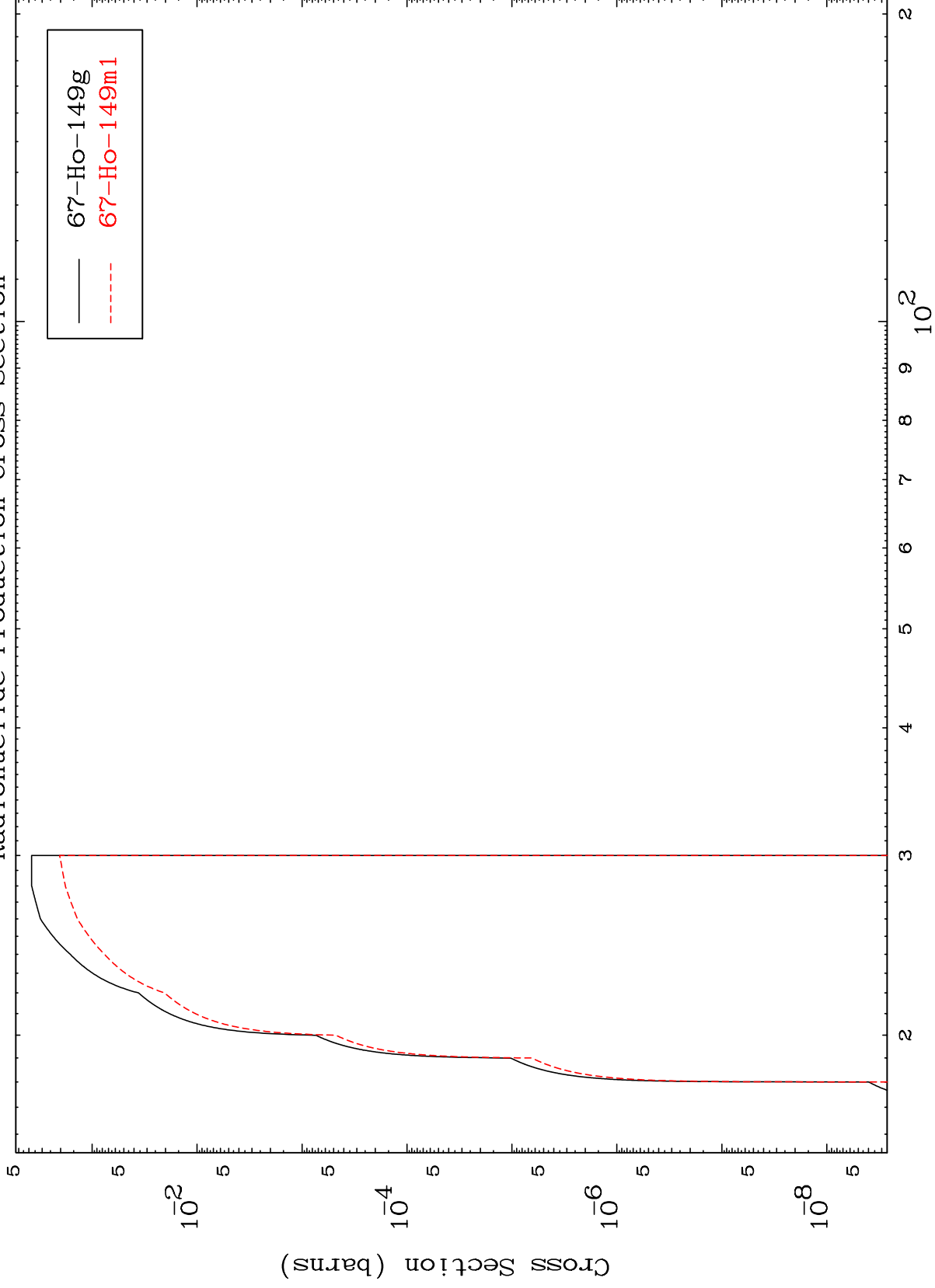
66-Dy-146g
66-Dy-146m11

Incident Energy (MeV)

66-Dy-147

11

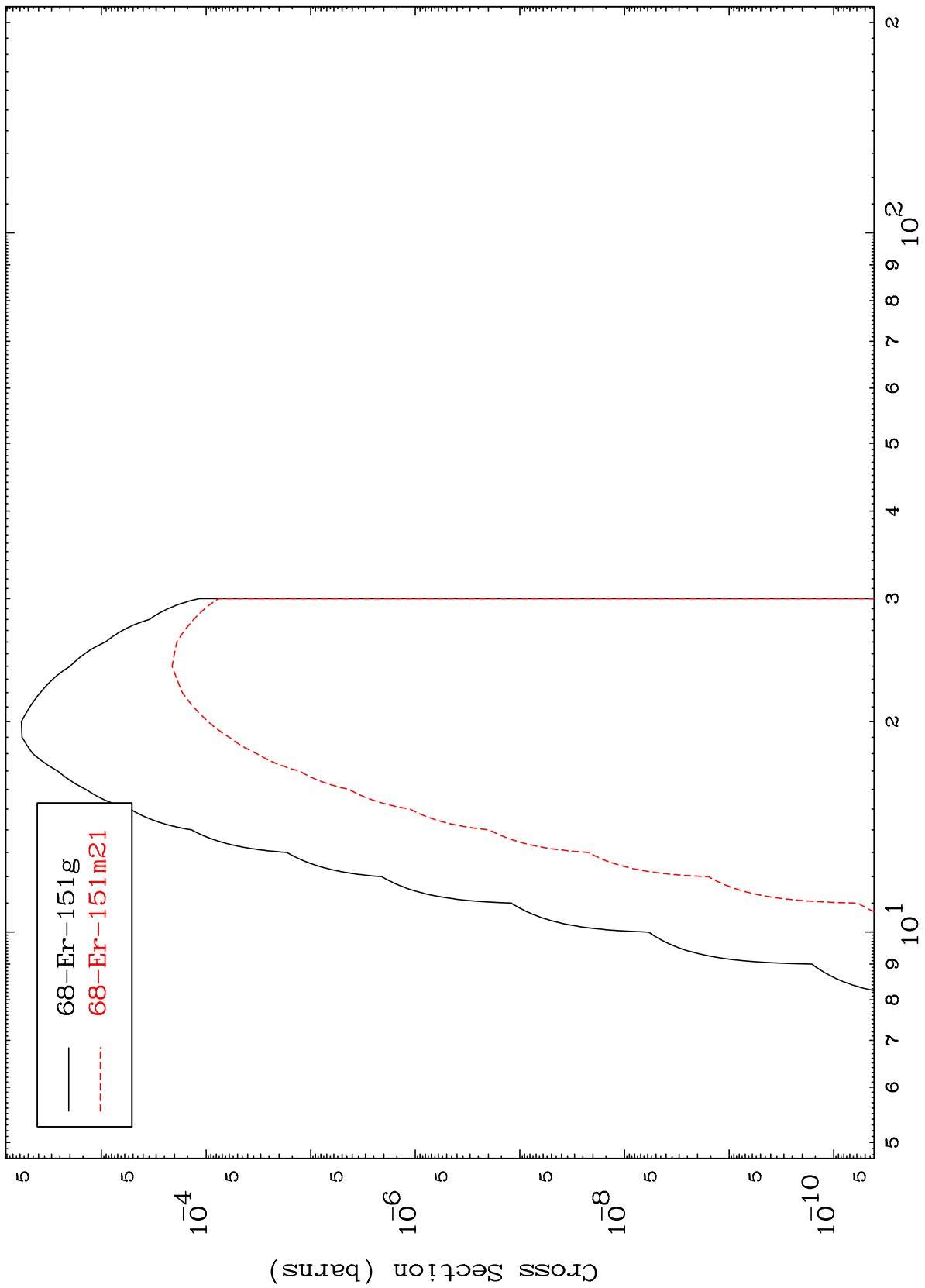
Radionuclide Production Cross Section



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66-Dy-147

(n,γ)
Radionuclide Production Cross Section



13

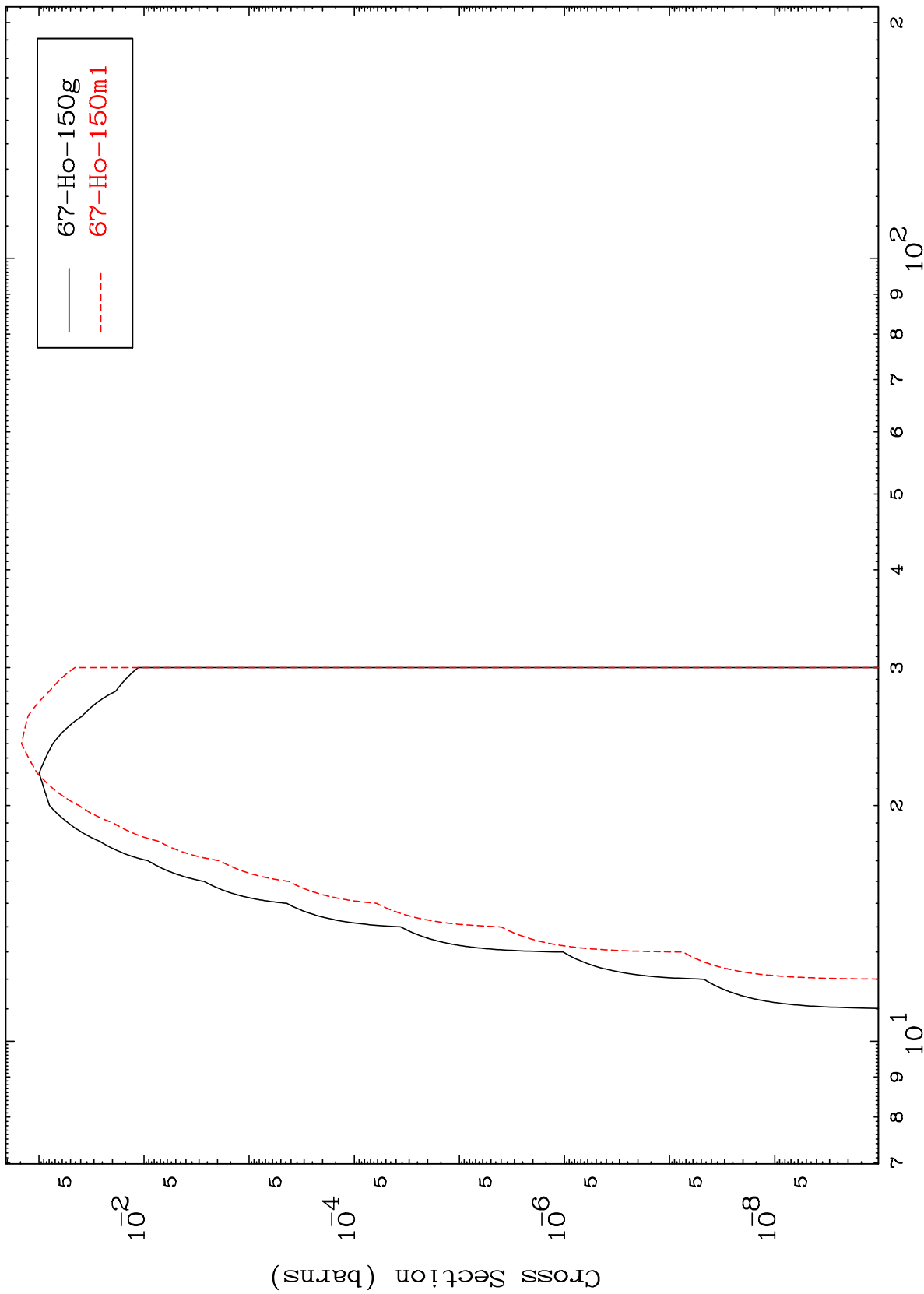
Incident Energy (MeV)

66-Dy-147

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66-Dy-147

(n,p)
Radionuclide Production Cross Section



14

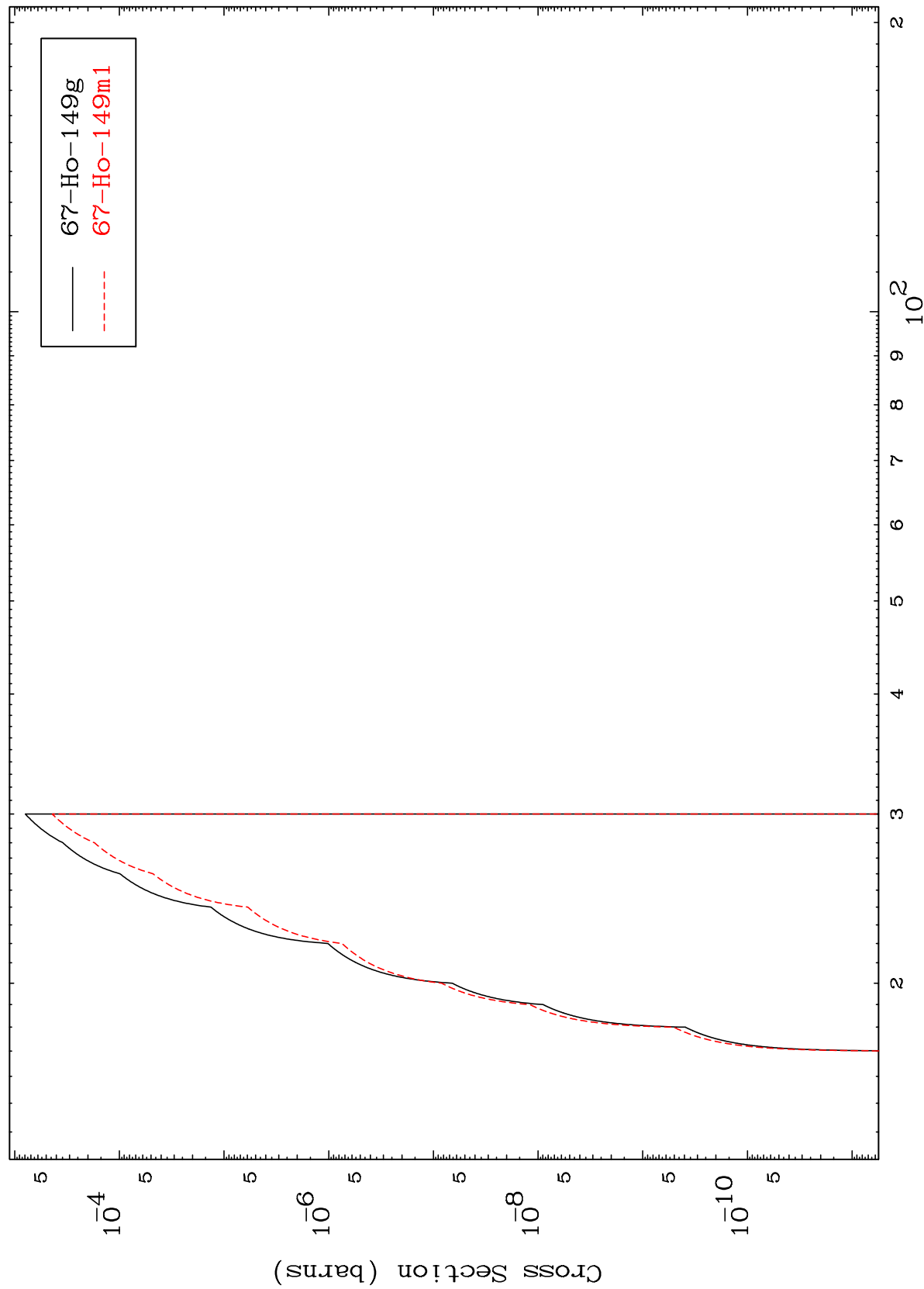
Incident Energy (MeV)

66-Dy-147

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66-Dy-147

(n,d)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

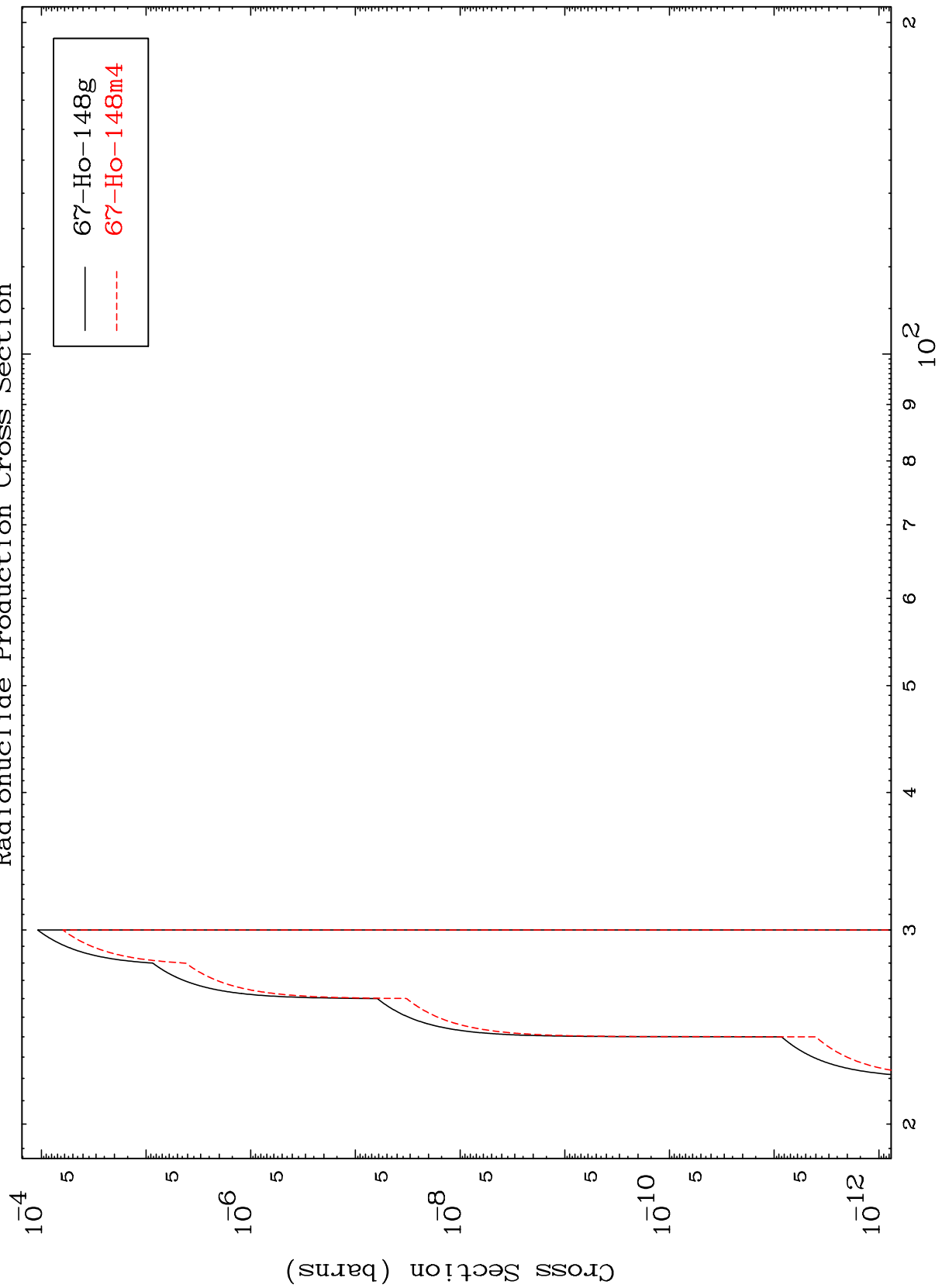
66-Dy-147

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(n, t)

66-Dy-147

Radionuclide Production Cross Section



16

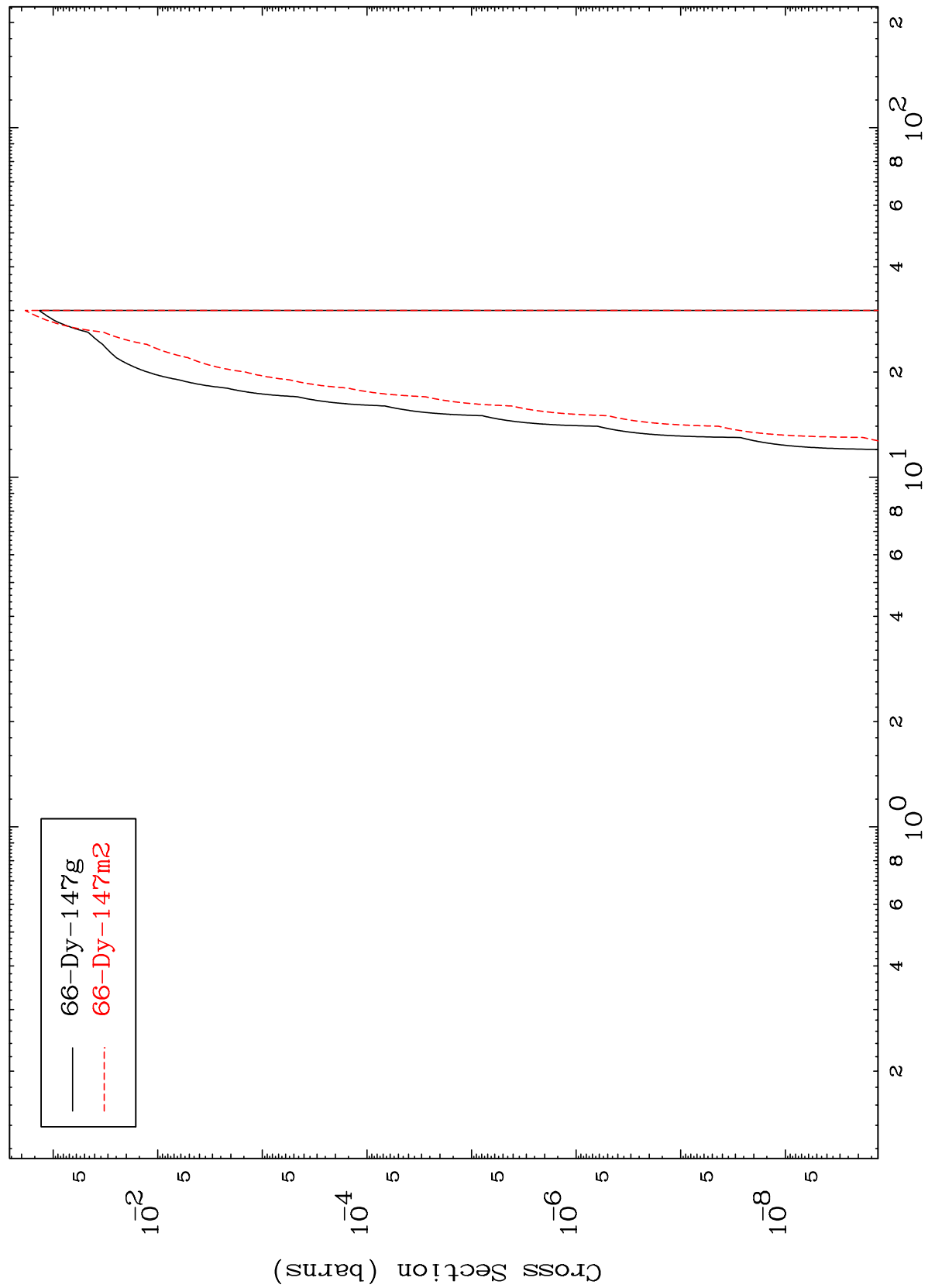
Incident Energy (MeV)

66-Dy-147

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66-Dy-147

Radionuclide Production Cross Section
(n, α)

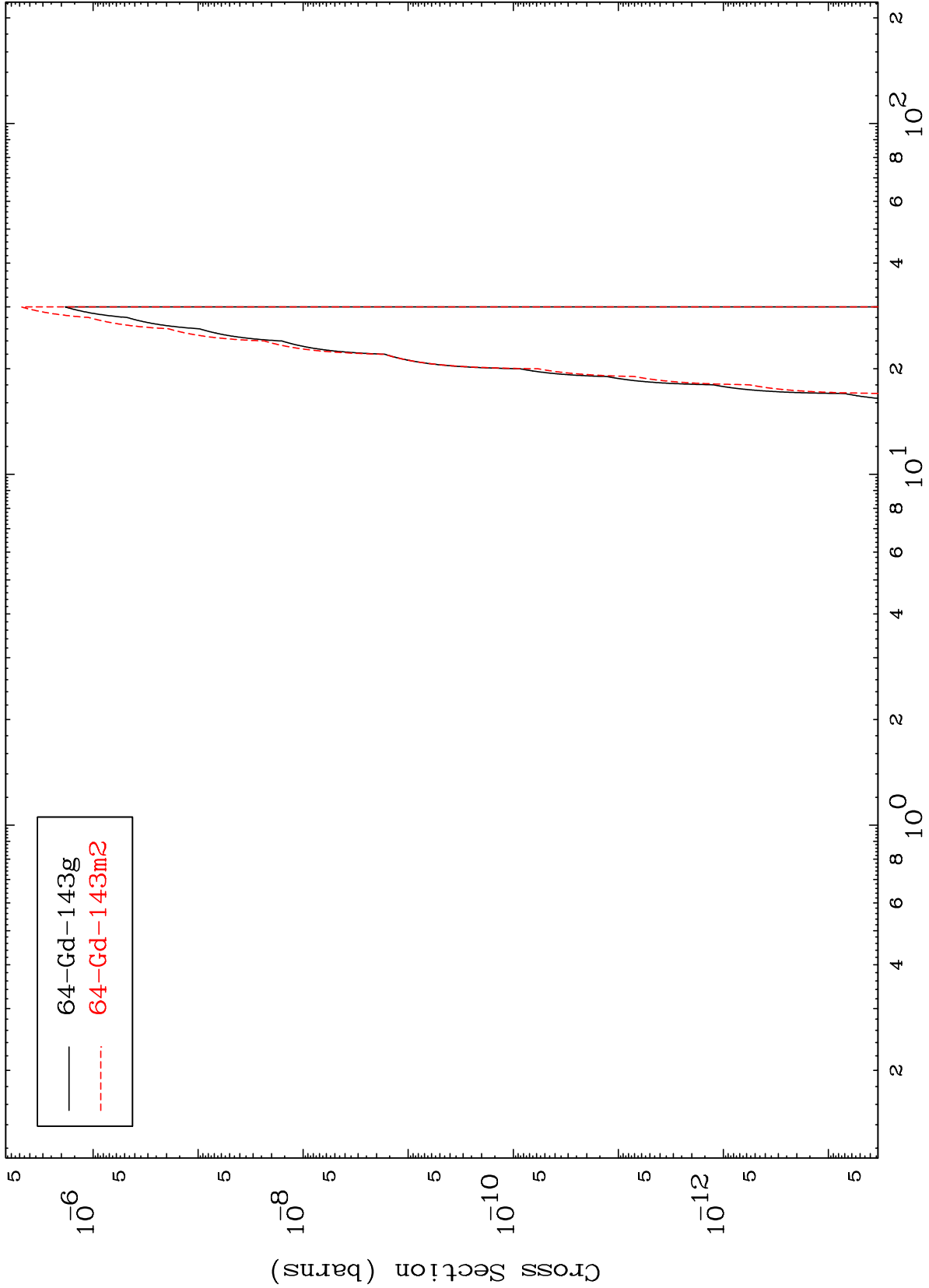


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(n,2α)

66-Dy-147

Radionuclide Production Cross Section



18

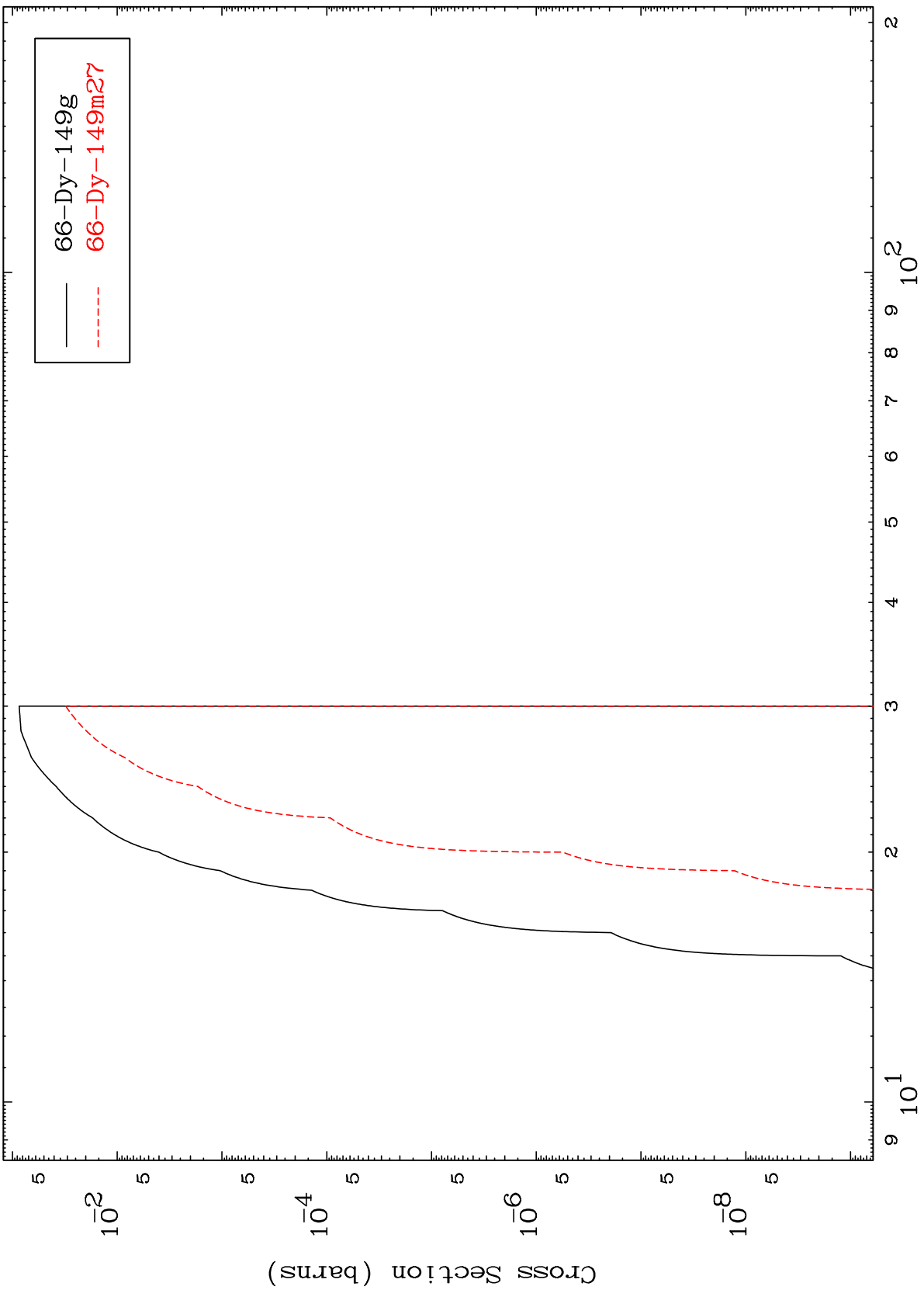
Incident Energy (MeV)

66-Dy-147

MAT 6598

66-Dy-147

(n,2p)
Radionuclide Production Cross Section



66-Dy-147

Incident Energy (MeV)

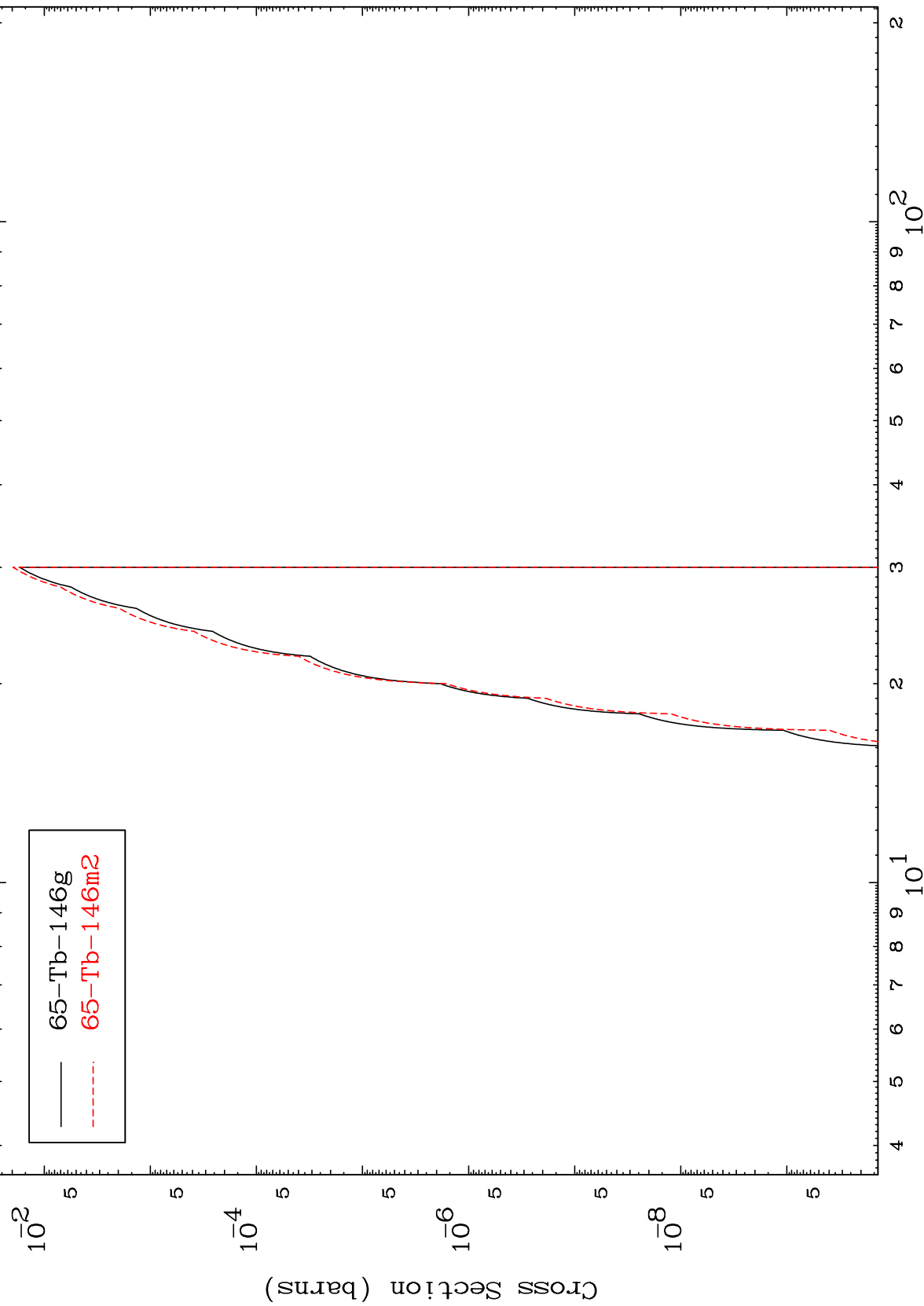
19

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(n,p) α

66-Dy-147

Radionuclide Production Cross Section



20

Incident Energy (MeV)

66-Dy-147