

Program EVALPLOT
(Version 2018-1)

by

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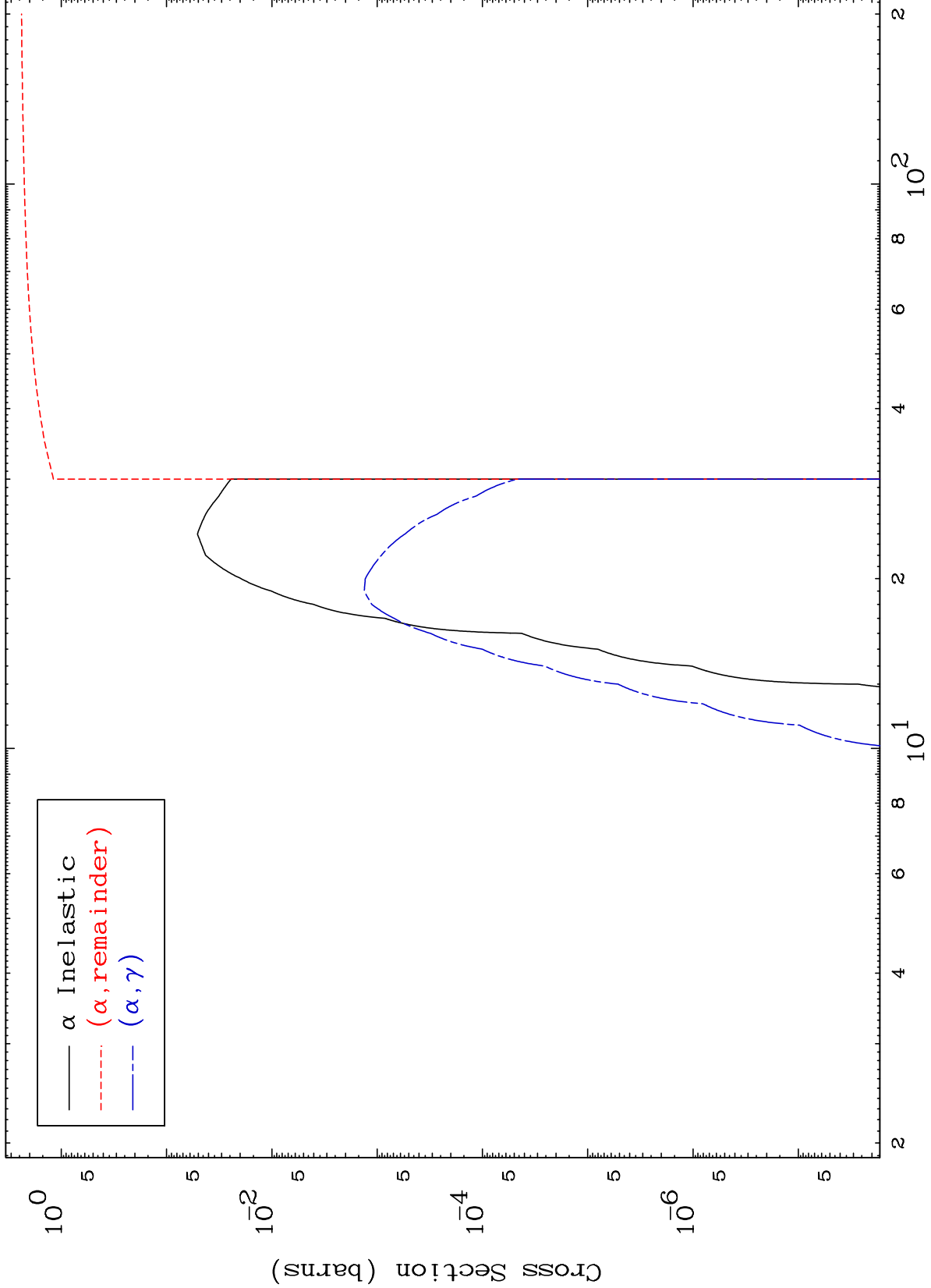
Press Mouse Button to Start

MAT 6593

α Major

66-Dy-145

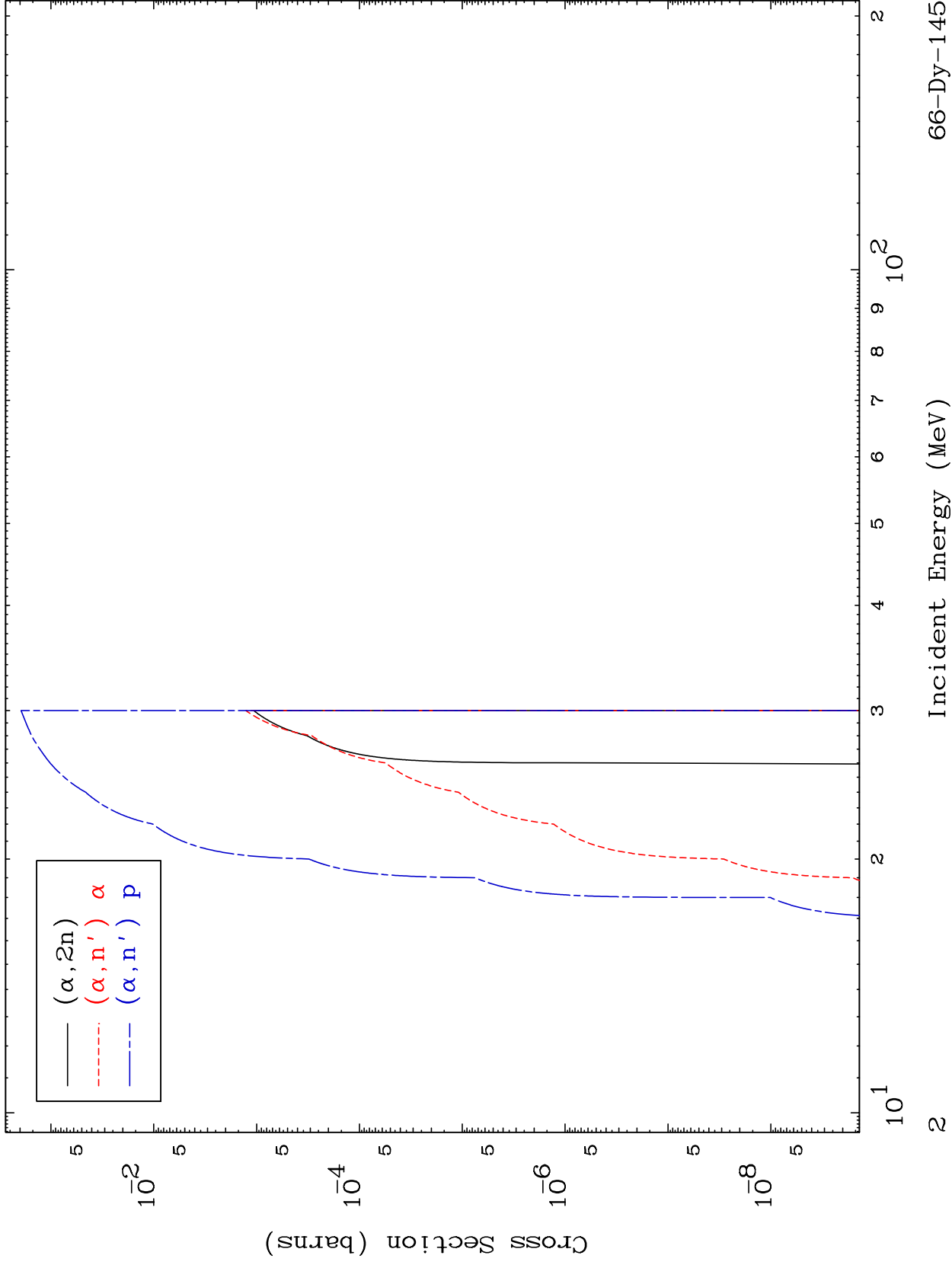
0 Kelvin Cross Sections



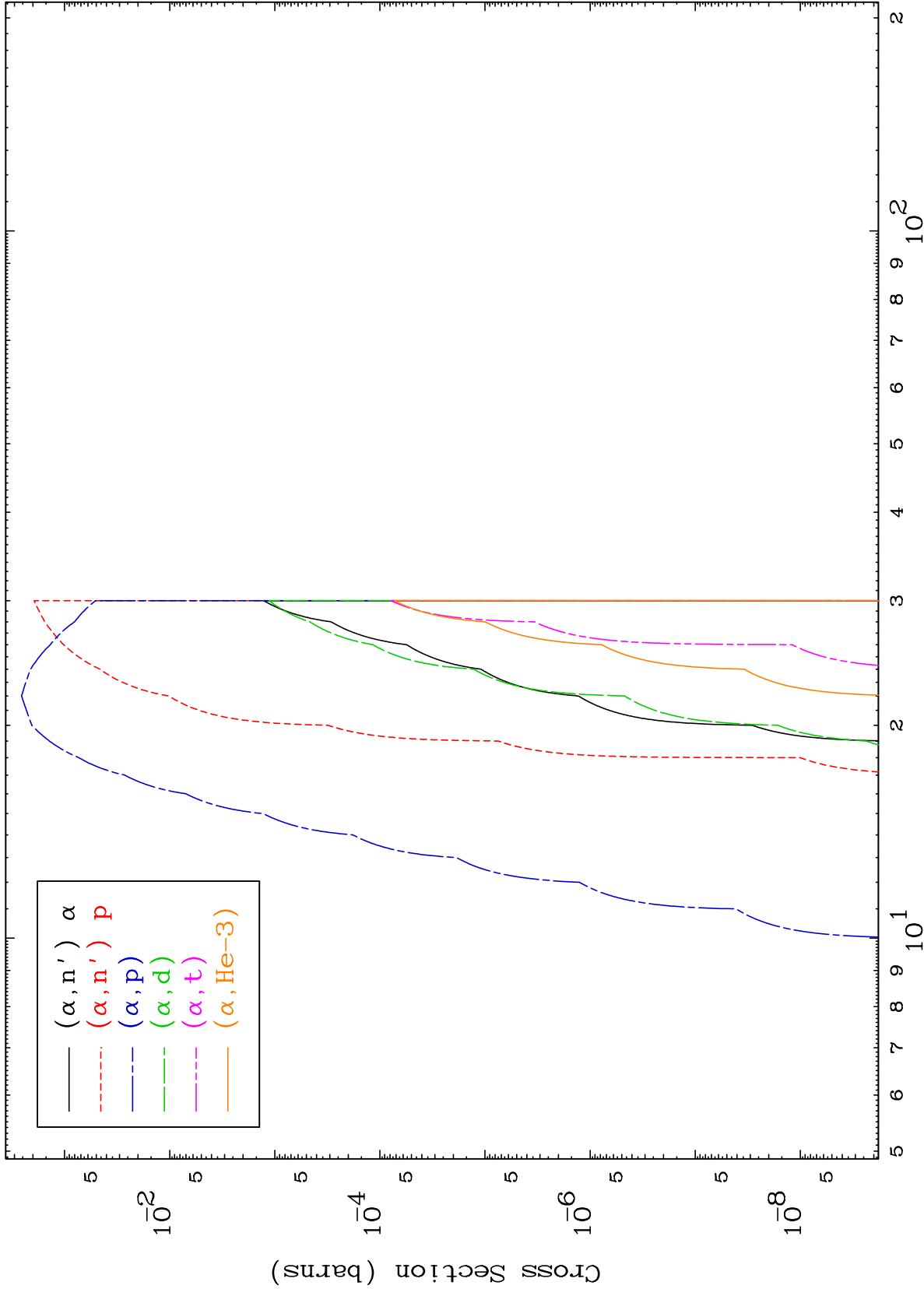
MAT 6593

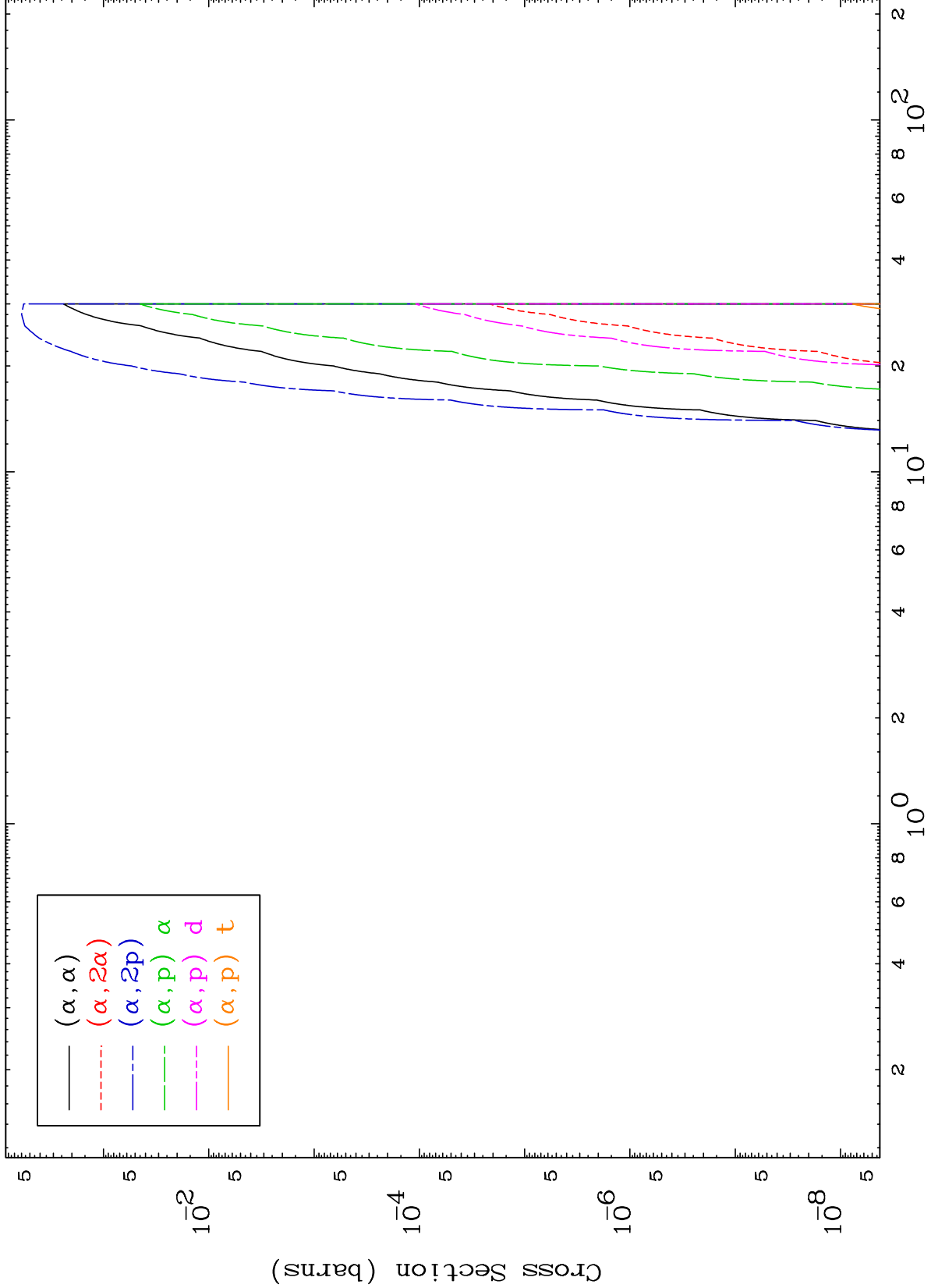
α Neutron Production
0 Kelvin Cross Sections

66-Dy-145



66-Dy-145



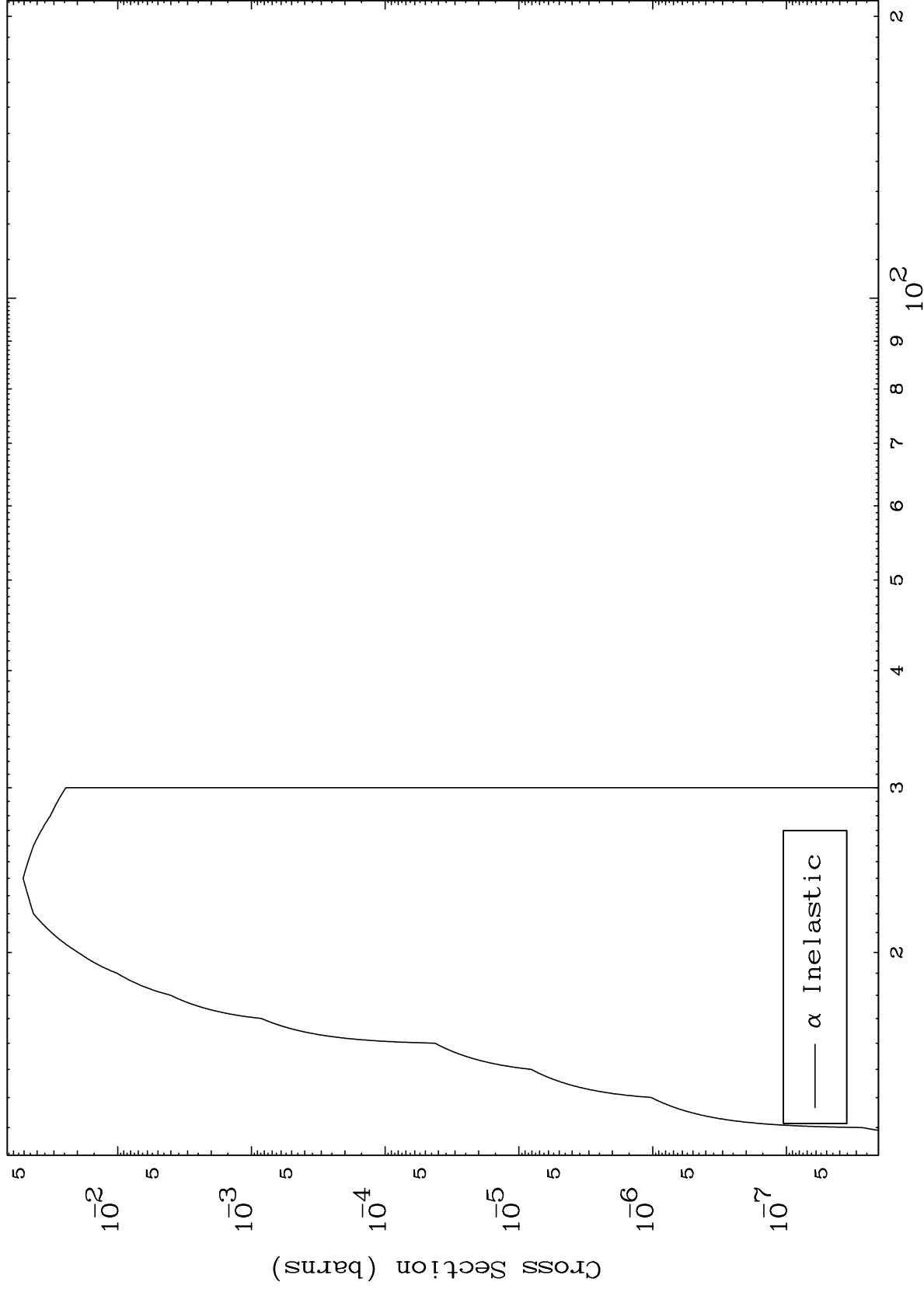


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(α, n') Level

66-Dy-145

0 Kelvin Cross Sections



Incident Energy (MeV)

66-Dy-145

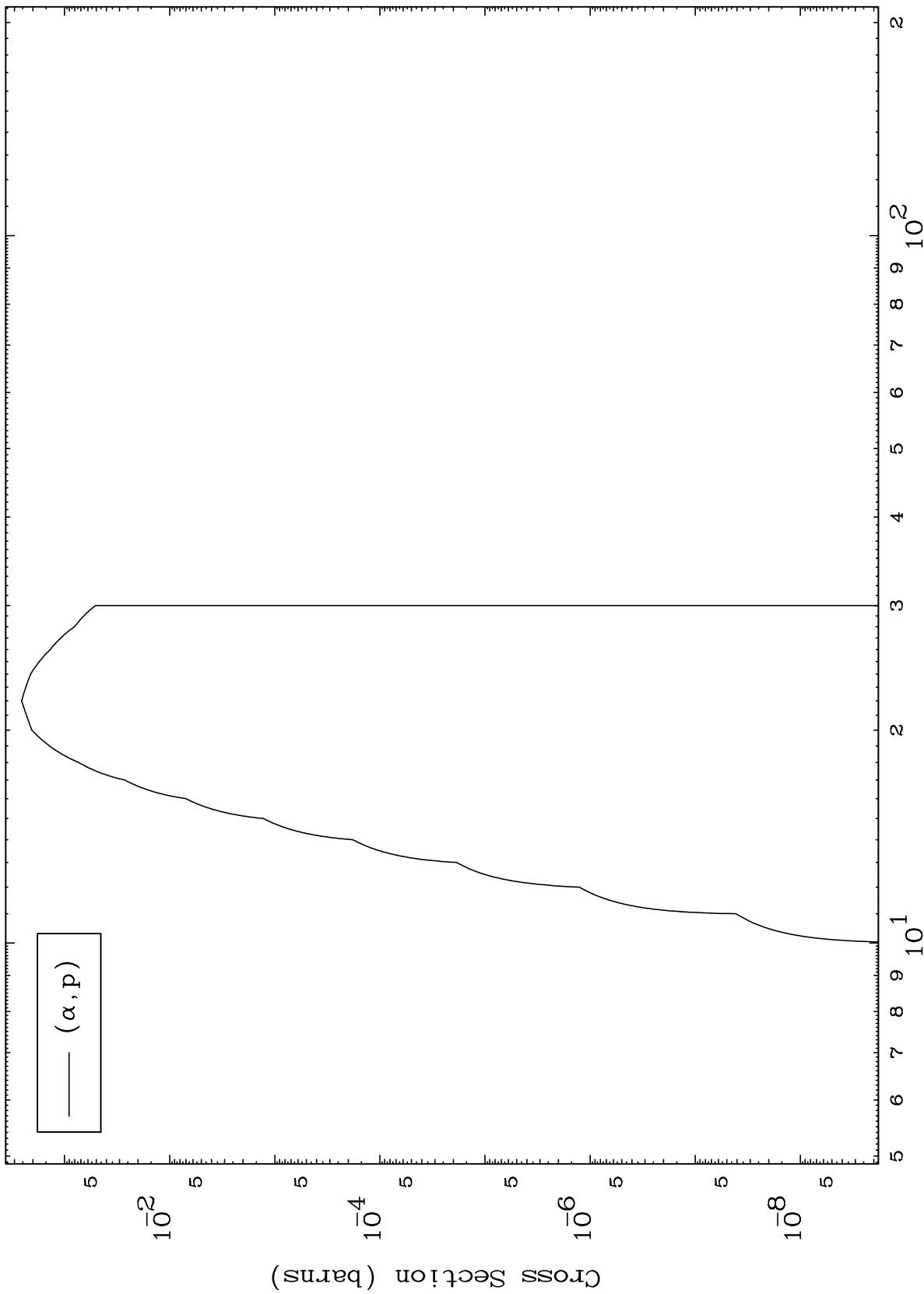
5

MAT 6593

(α, p) Levels

66-Dy-145

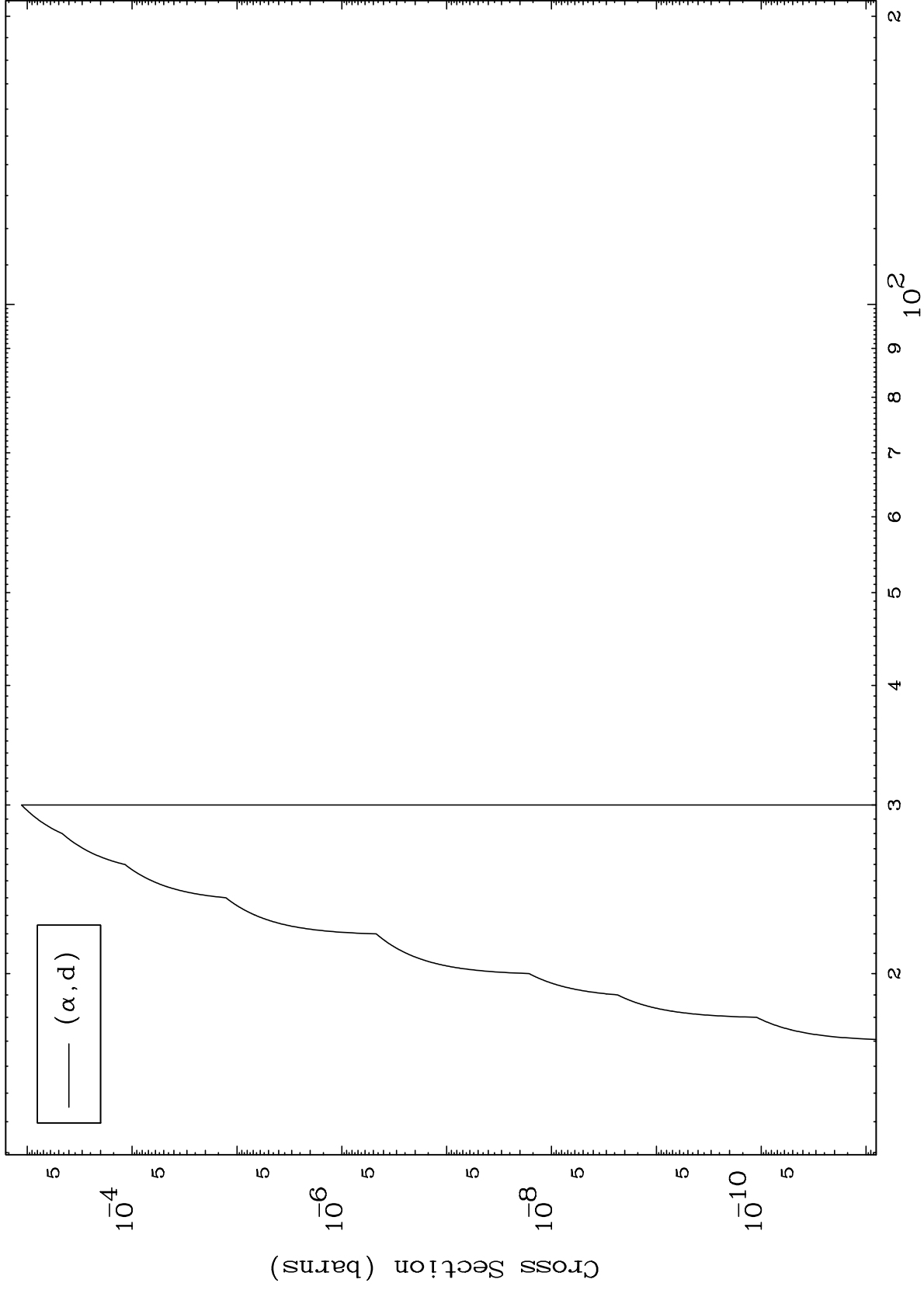
0 Kelvin Cross Sections



Incident Energy (MeV)

66-Dy-145

6

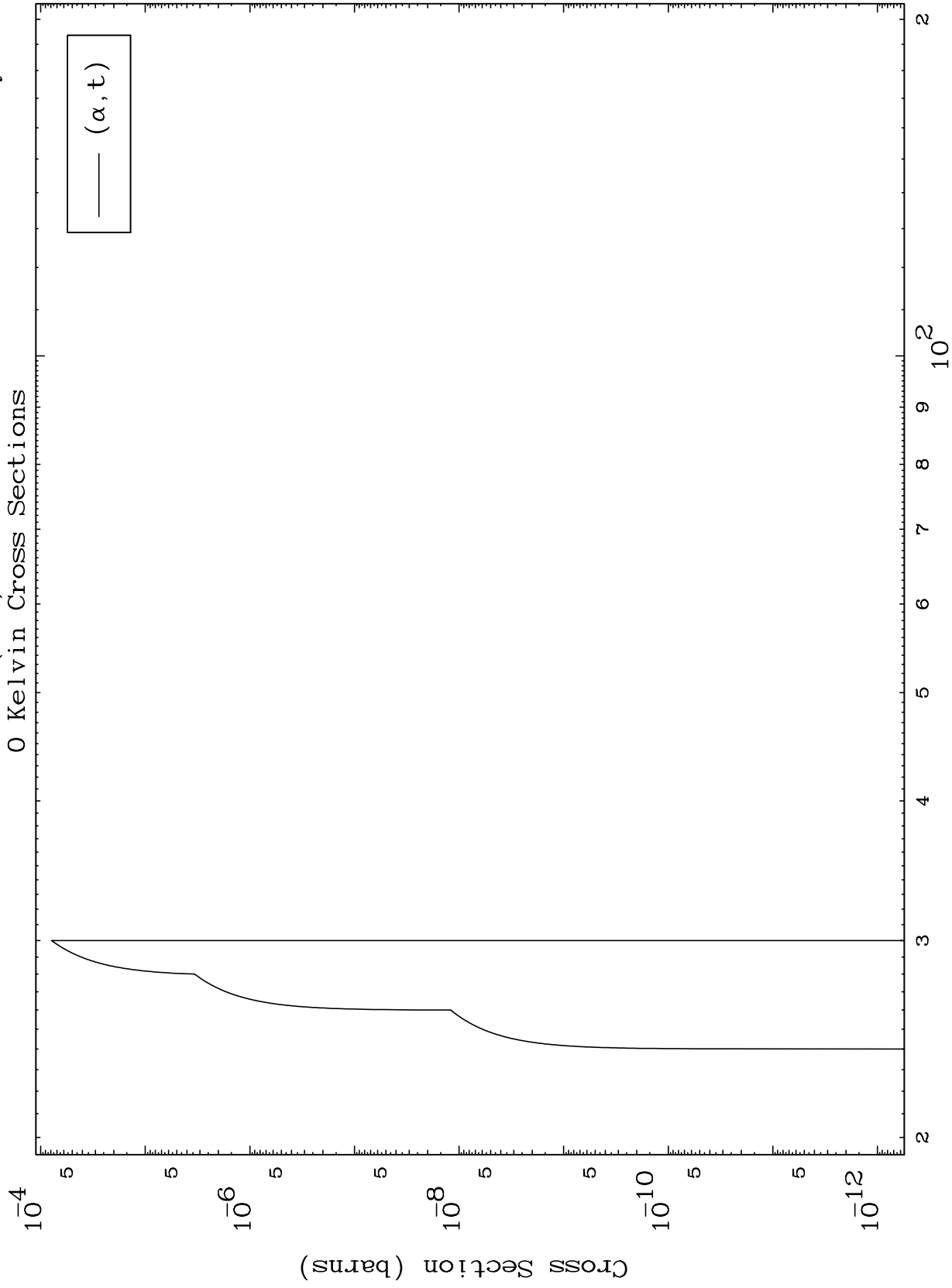


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(α, t) Levels

66-Dy-145

0 Kelvin Cross Sections



8

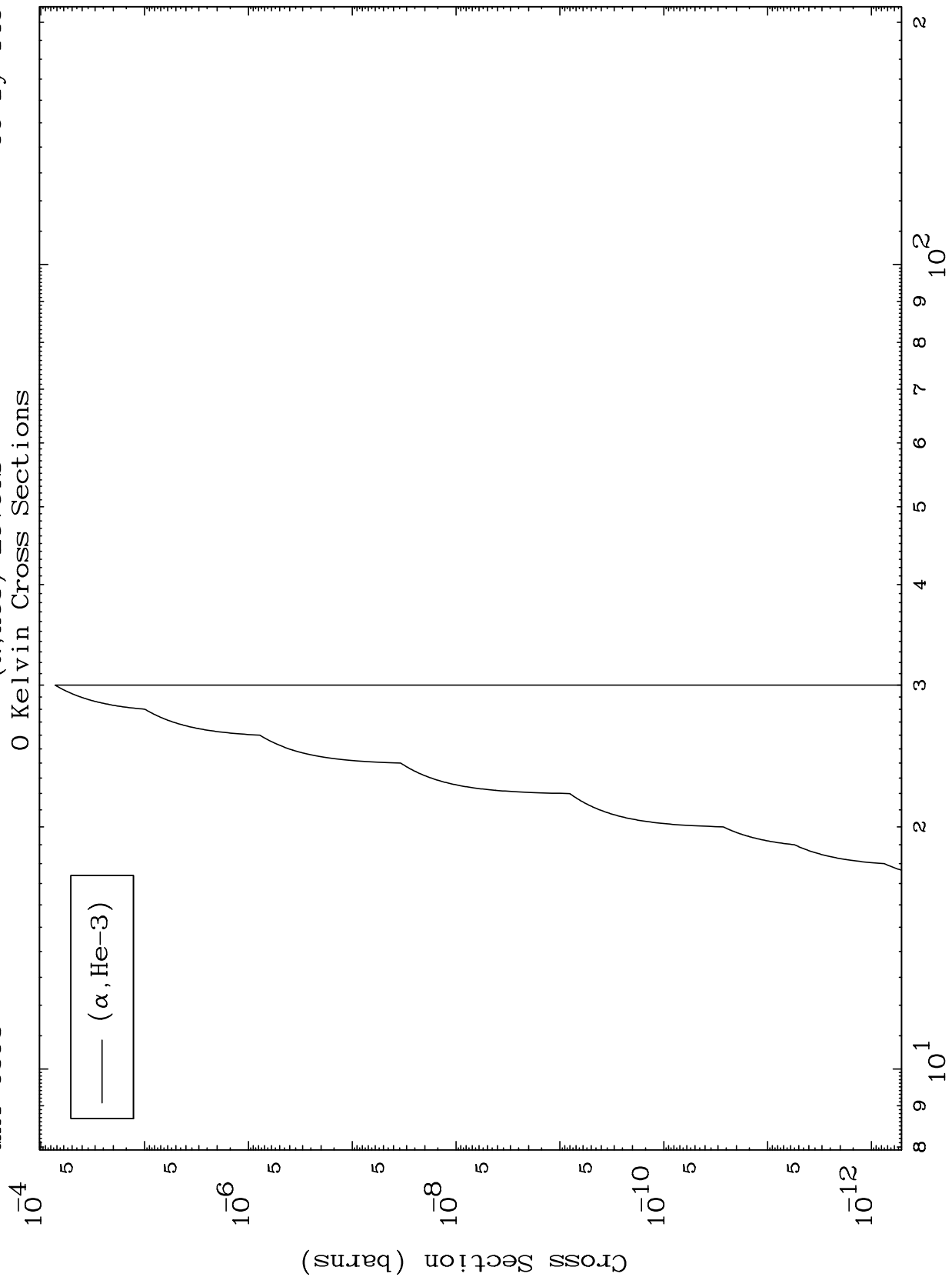
Incident Energy (MeV)

66-Dy-145

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66-Dy-145

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

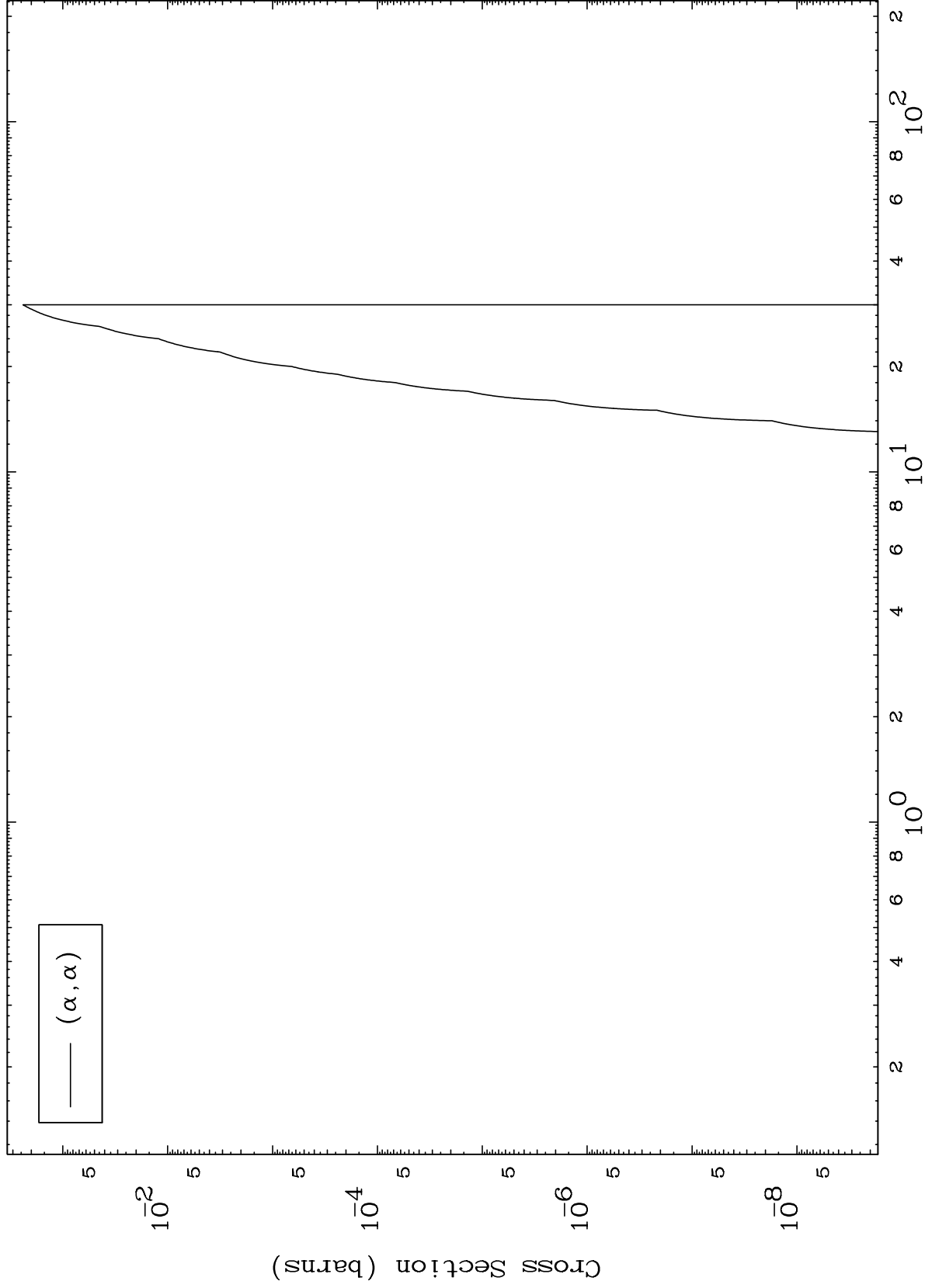
66-Dy-145

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(α, α) Levels

66-Dy-145

0 Kelvin Cross Sections



10

Incident Energy (MeV)

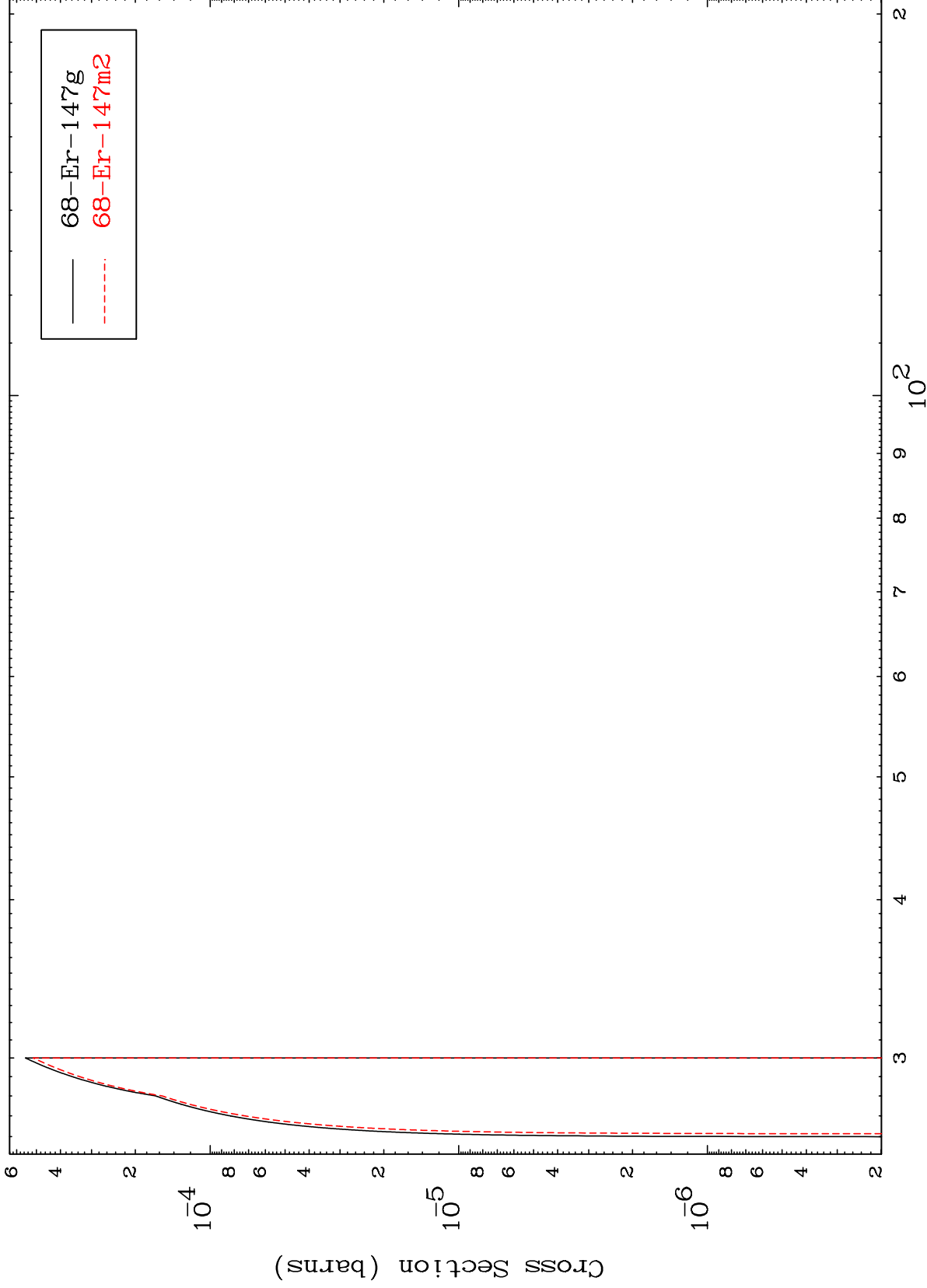
66-Dy-145

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($\alpha, 2n$)

66-Dy-145

Radionuclide Production Cross Section

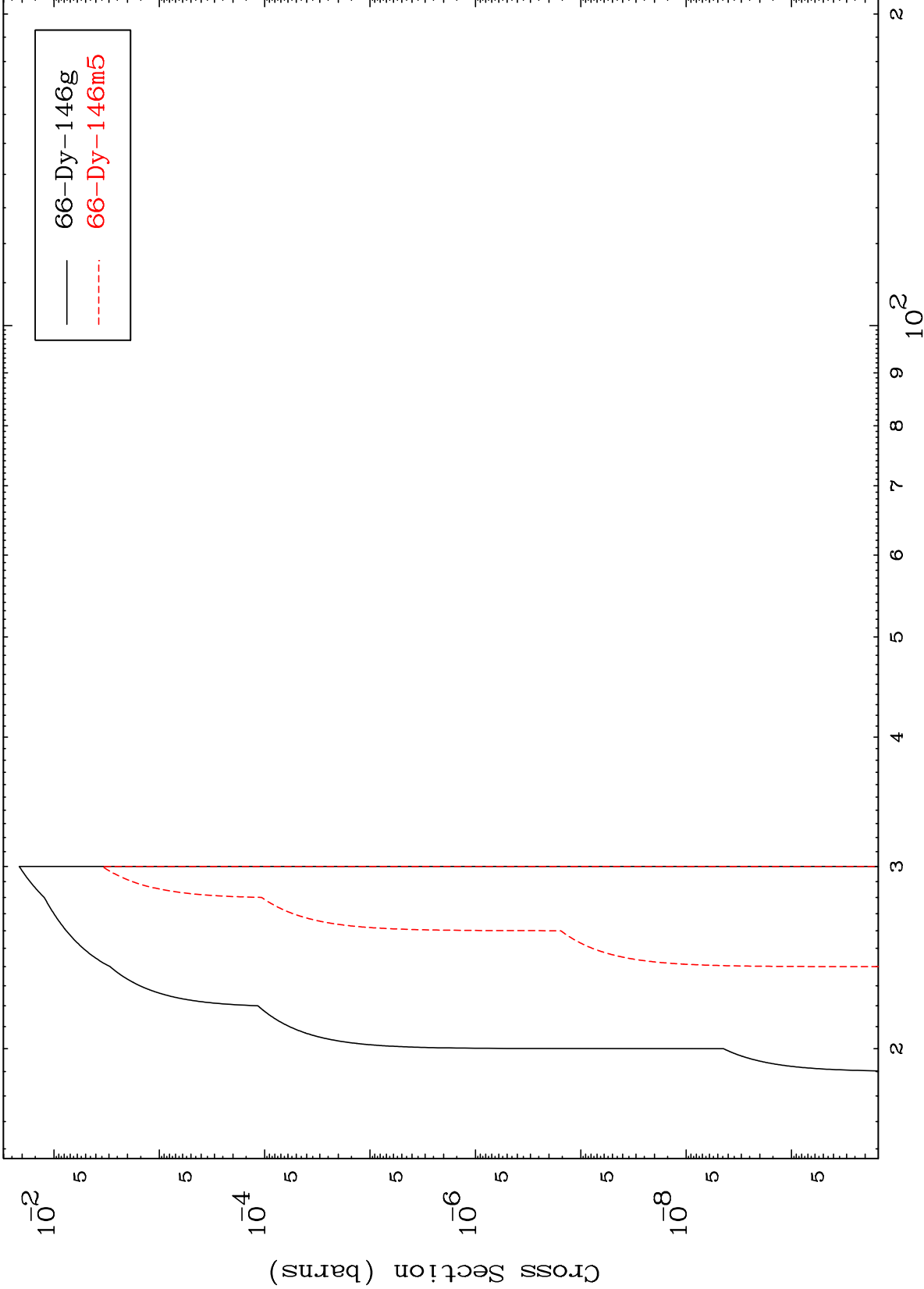


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($\alpha, 2n$) p

66-Dy-145

Radionuclide Production Cross Section



12

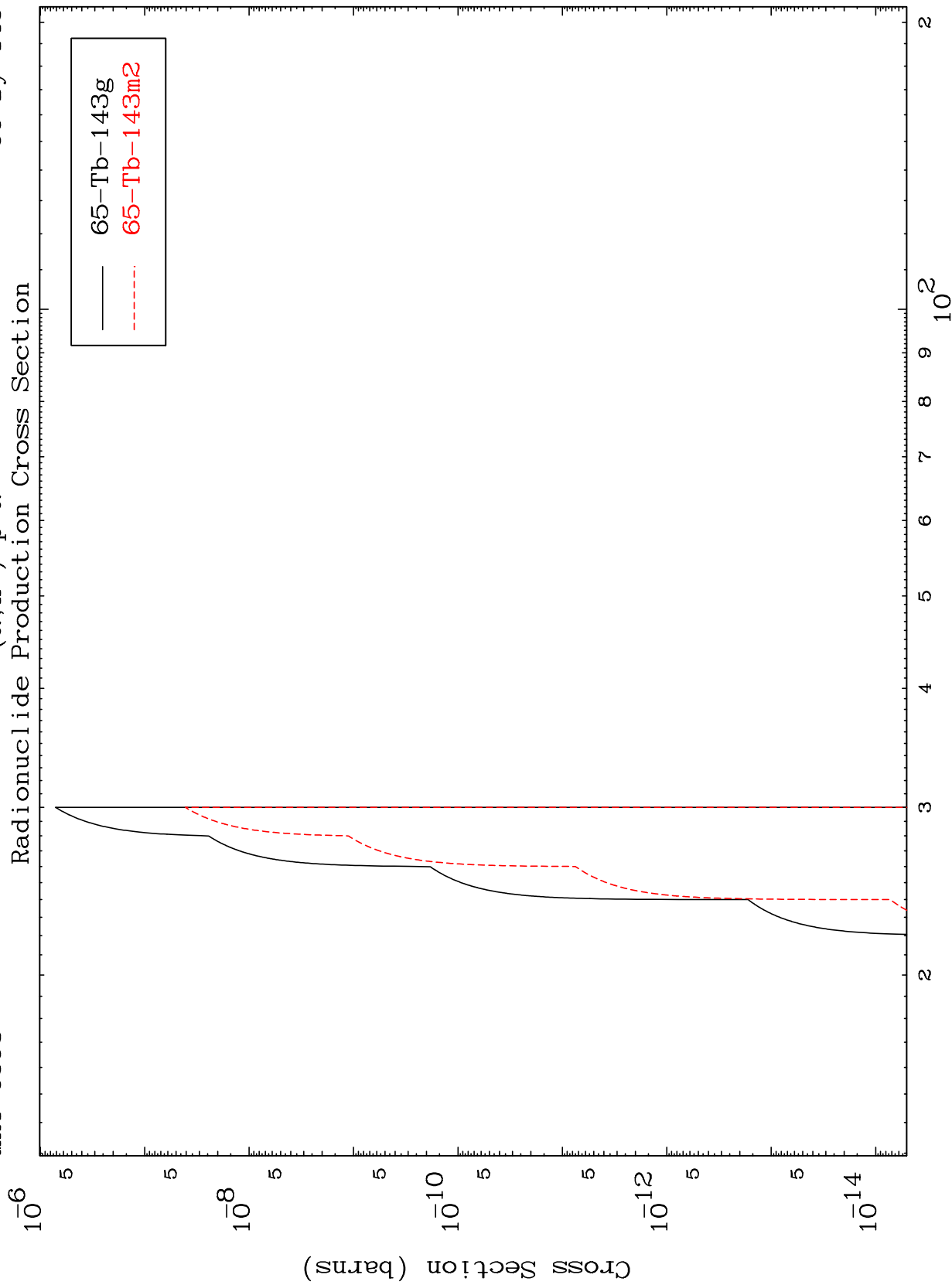
Incident Energy (MeV)

66-Dy-145

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66-Dy-145

(α, n') p α
Radionuclide Production Cross Section



13

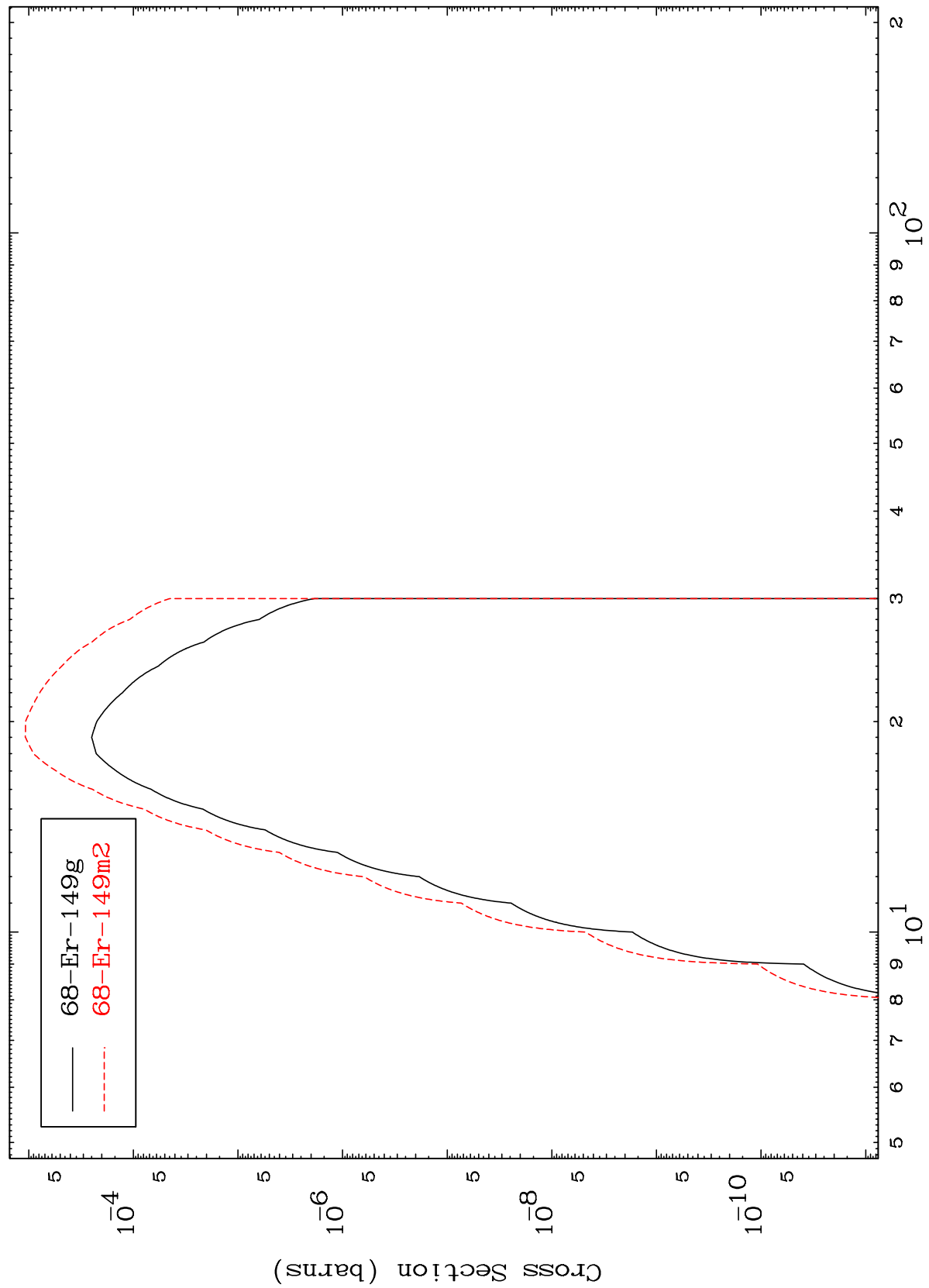
66-Dy-145

Incident Energy (MeV)

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66-Dy-145

(α, γ)
Radionuclide Production Cross Section



14

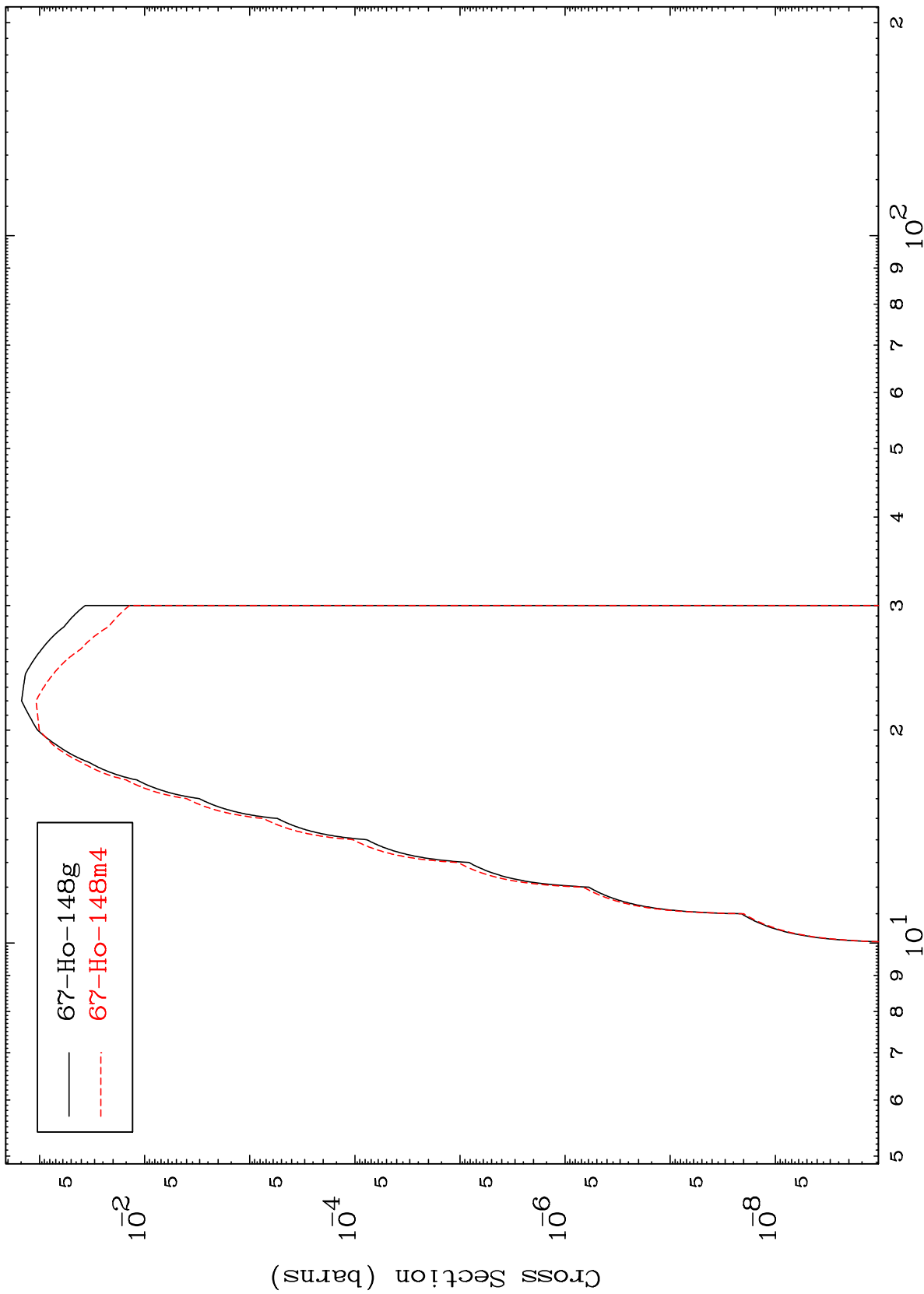
Incident Energy (MeV)

66-Dy-145

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66-Dy-145

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

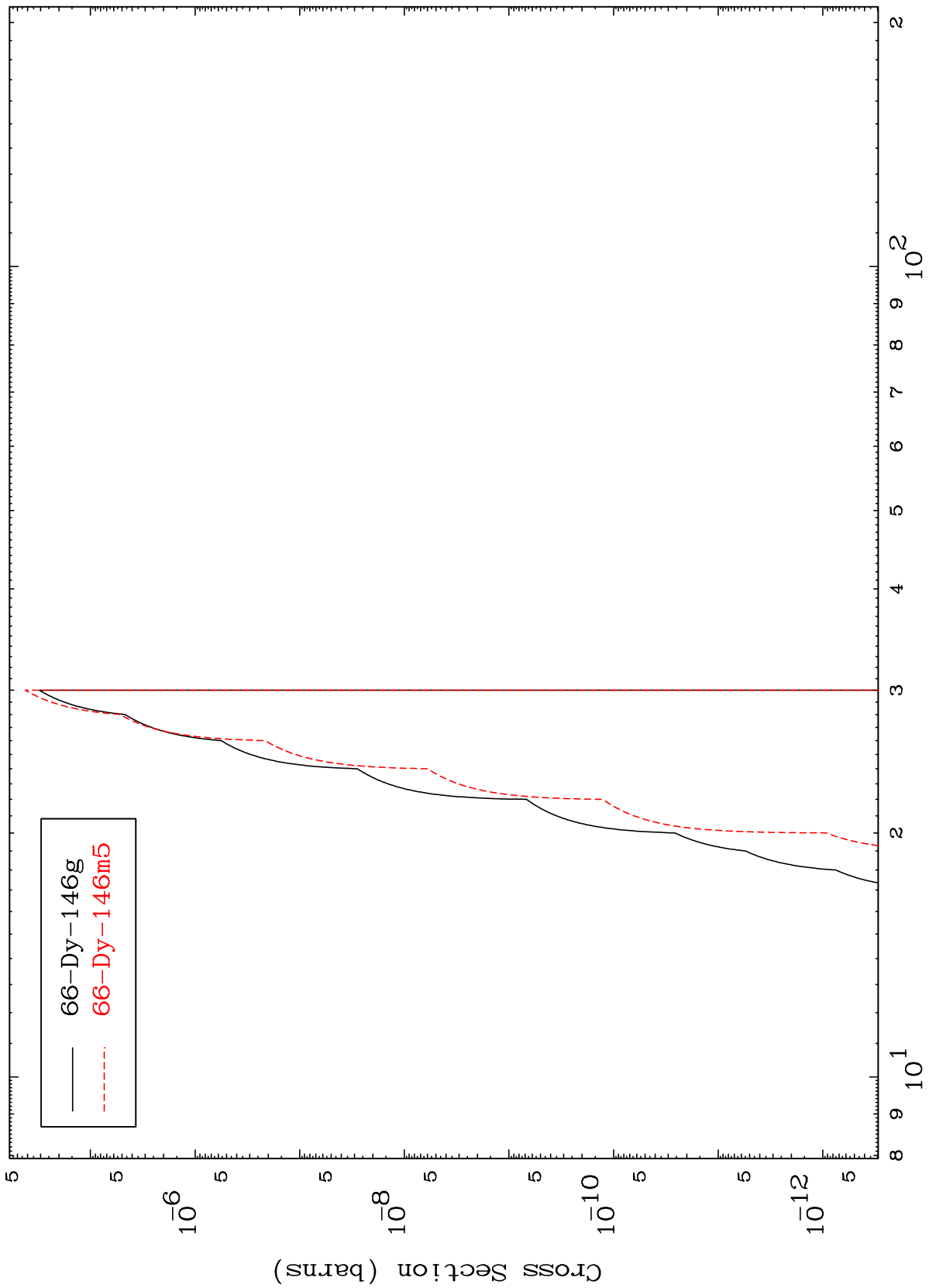
66-Dy-145

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66-Dy-145

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

Radionuclide Production Cross Section



66-Dy-146g
66-Dy-146m5

66-Dy-145

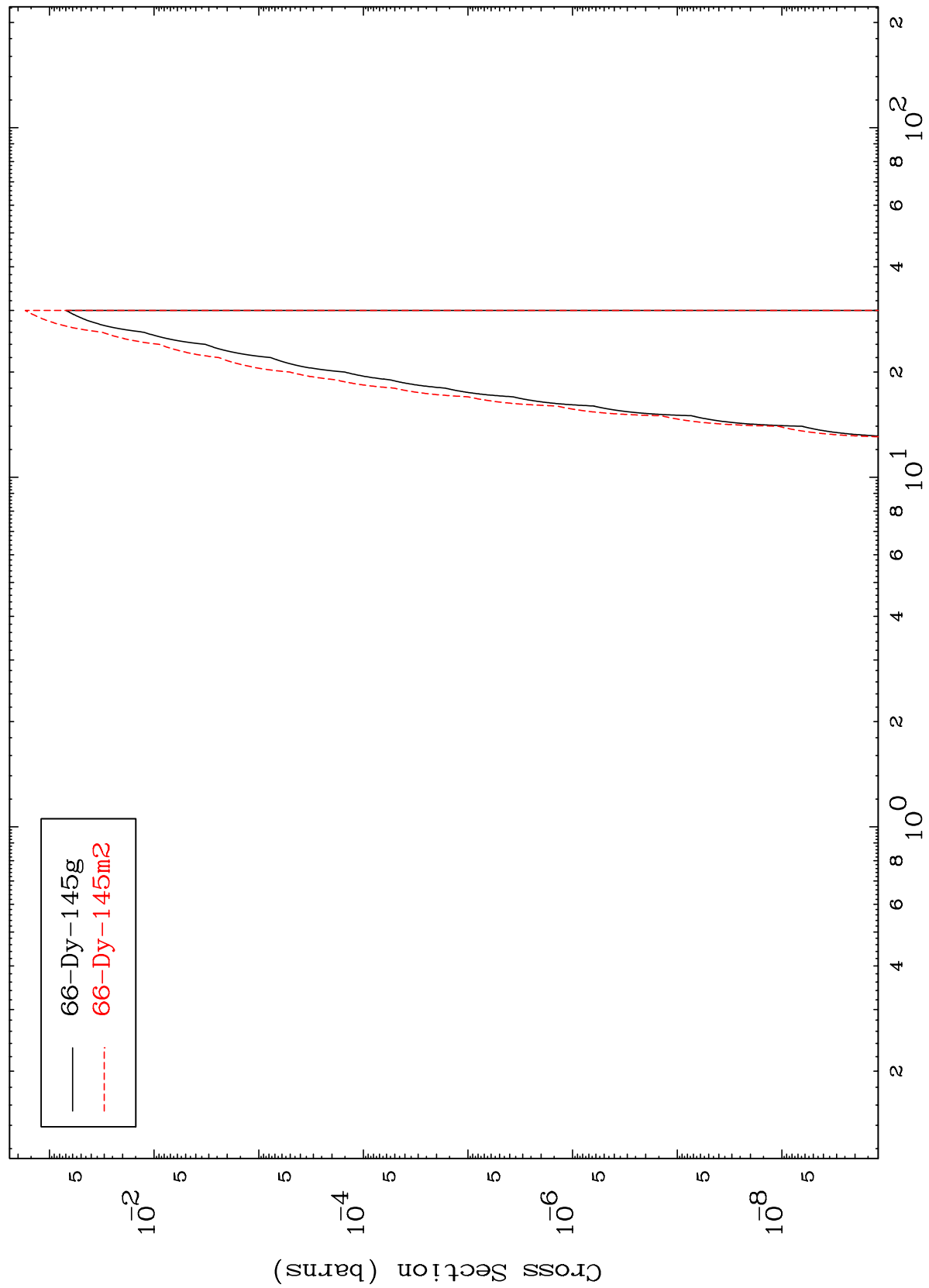
Incident Energy (MeV)

16

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66-Dy-145

Radionuclide Production Cross Section
(α, α)

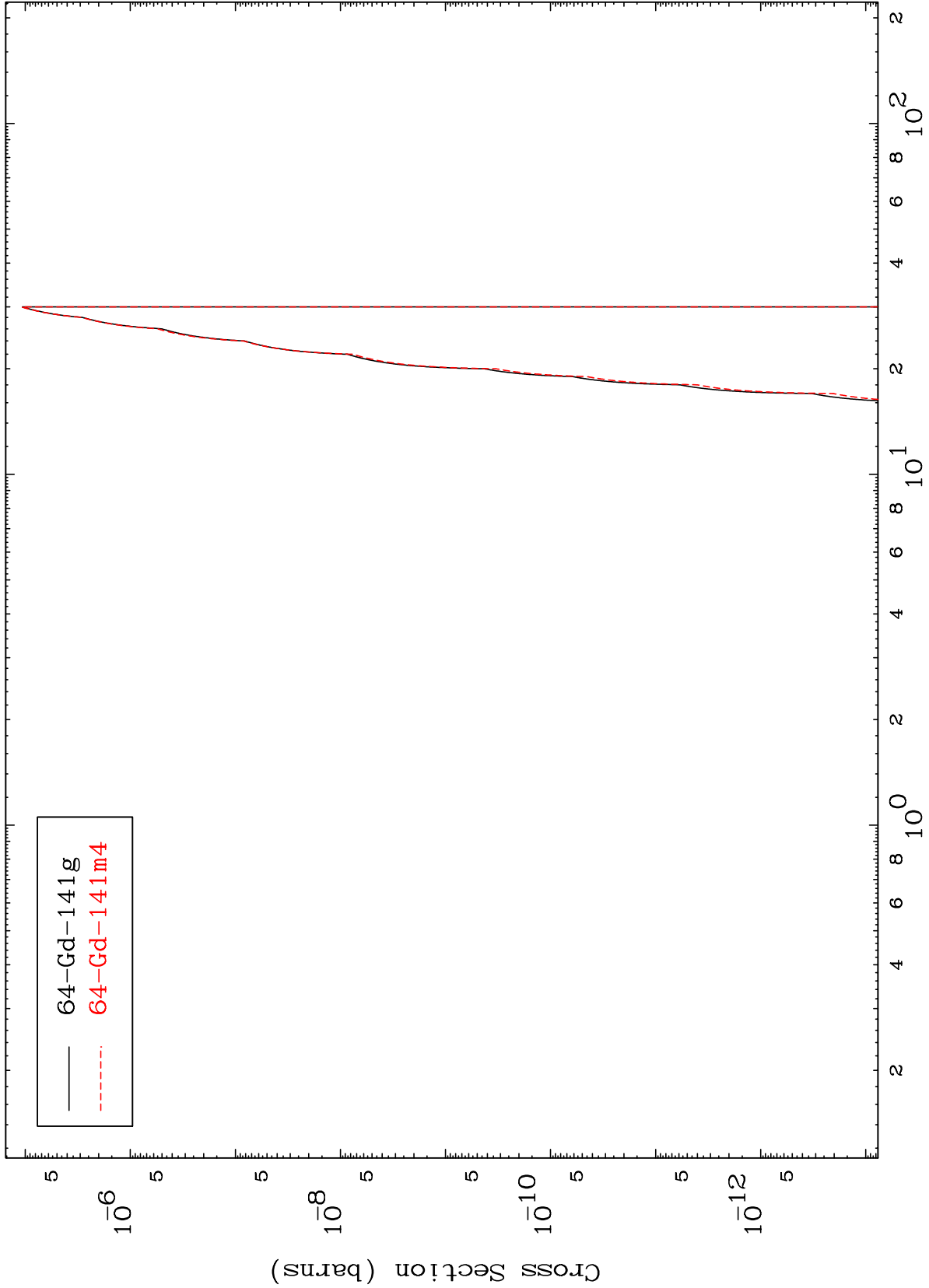


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($\alpha, 2\alpha$)

66-Dy-145

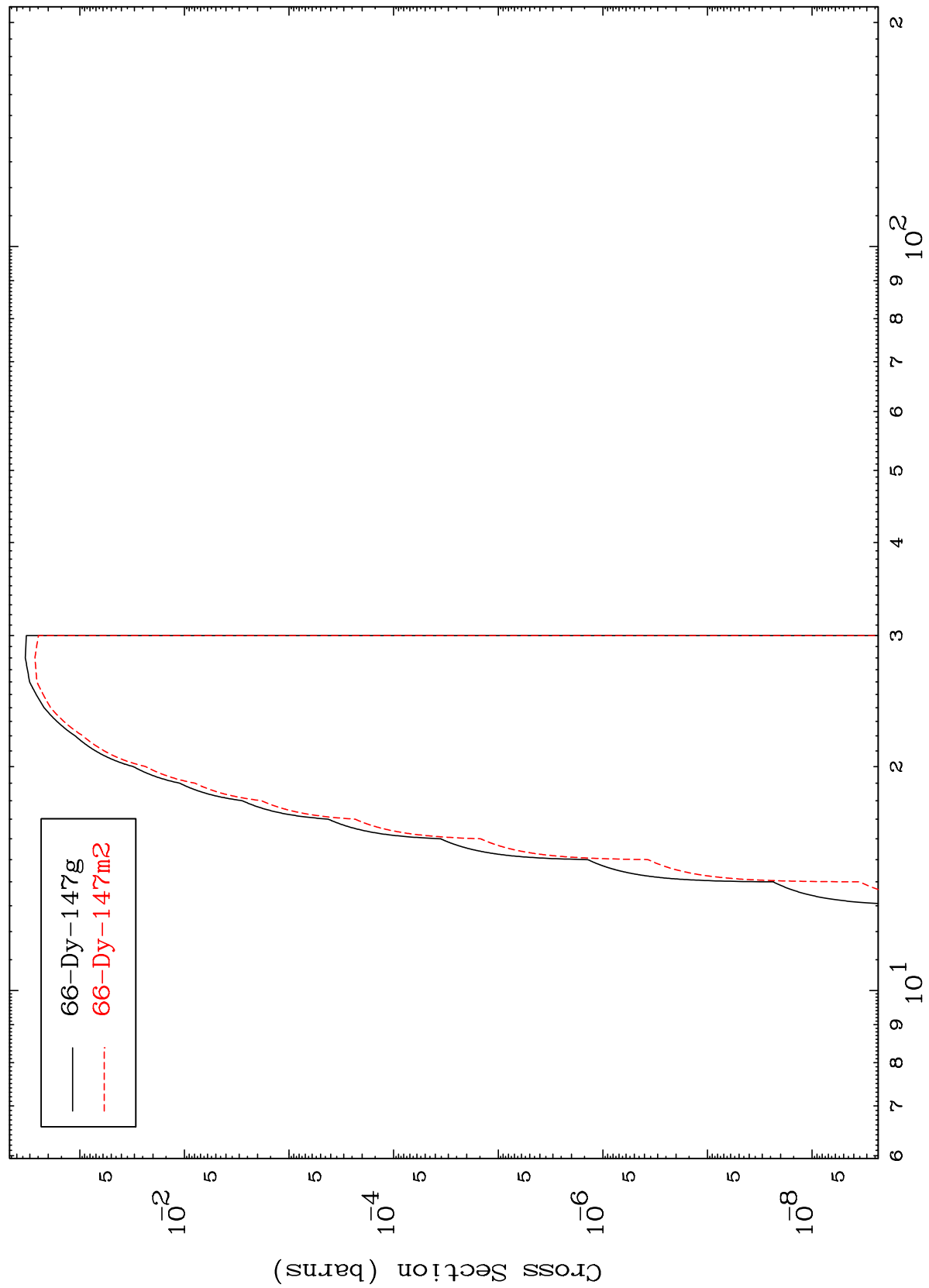
Radionuclide Production Cross Section



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66-Dy-145

Radionuclide Production Cross Section
($\alpha, 2p$)



19

Incident Energy (MeV)

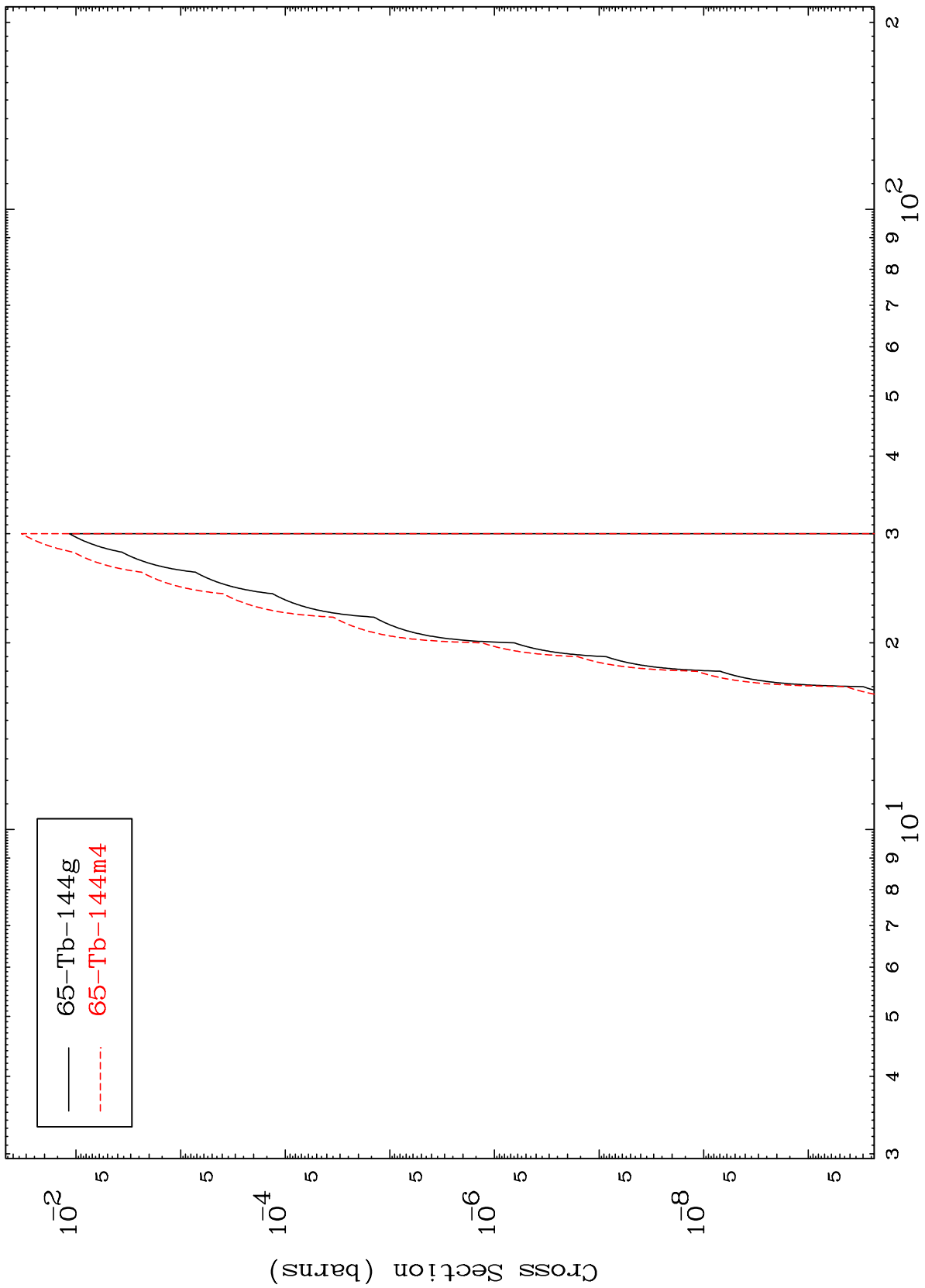
66-Dy-145

MAT 6593

(α, p) α

66-Dy-145

Radionuclide Production Cross Section



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

20

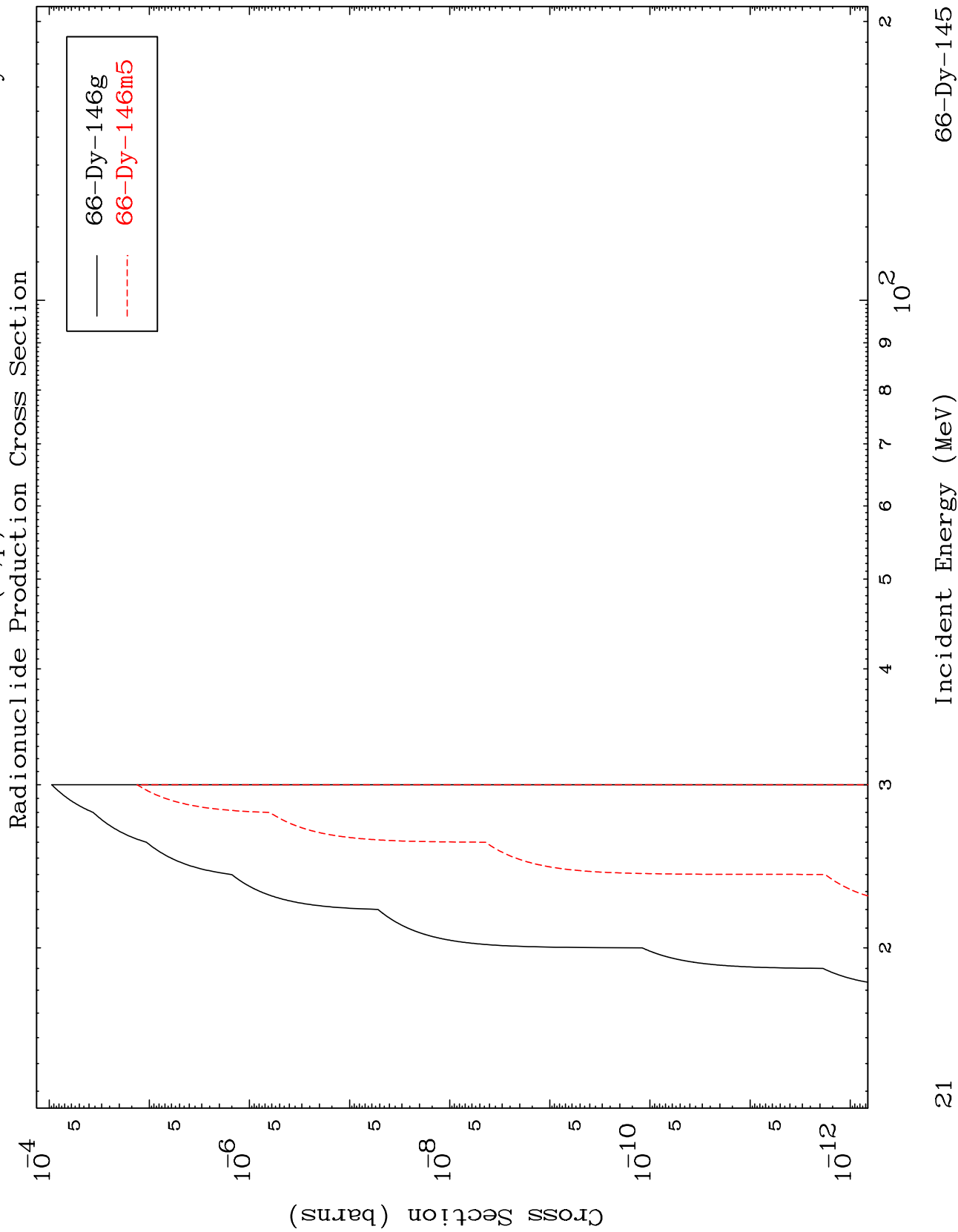
Incident Energy (MeV)

66-Dy-145

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(α, p) d

66-Dy-145

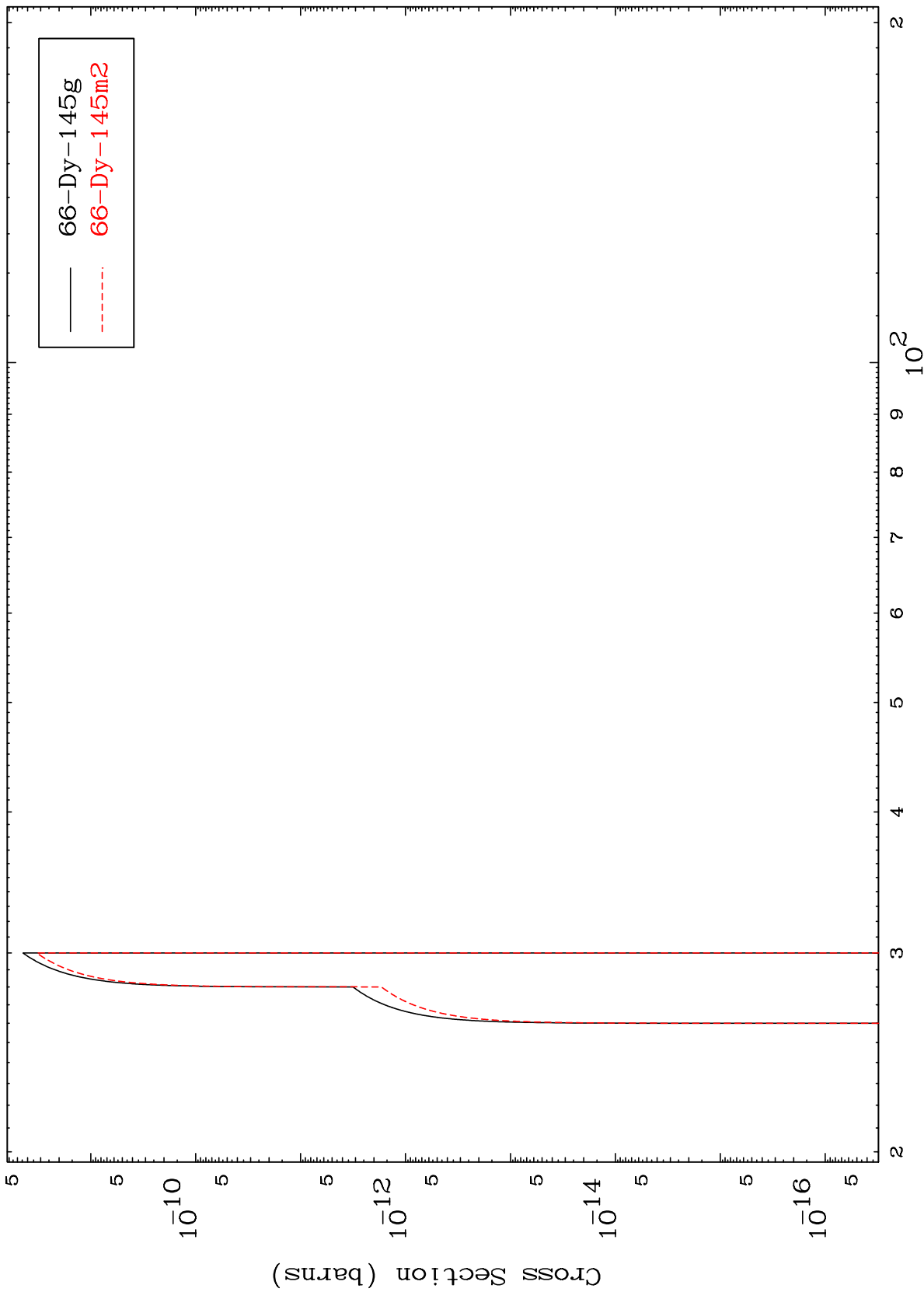


MAT 6593

(α, p) t

⁶⁶Dy-145

Radionuclide Production Cross Section



22

Incident Energy (MeV)

⁶⁶Dy-145