

Program EVALPLOT
(Version 2018-1)

by

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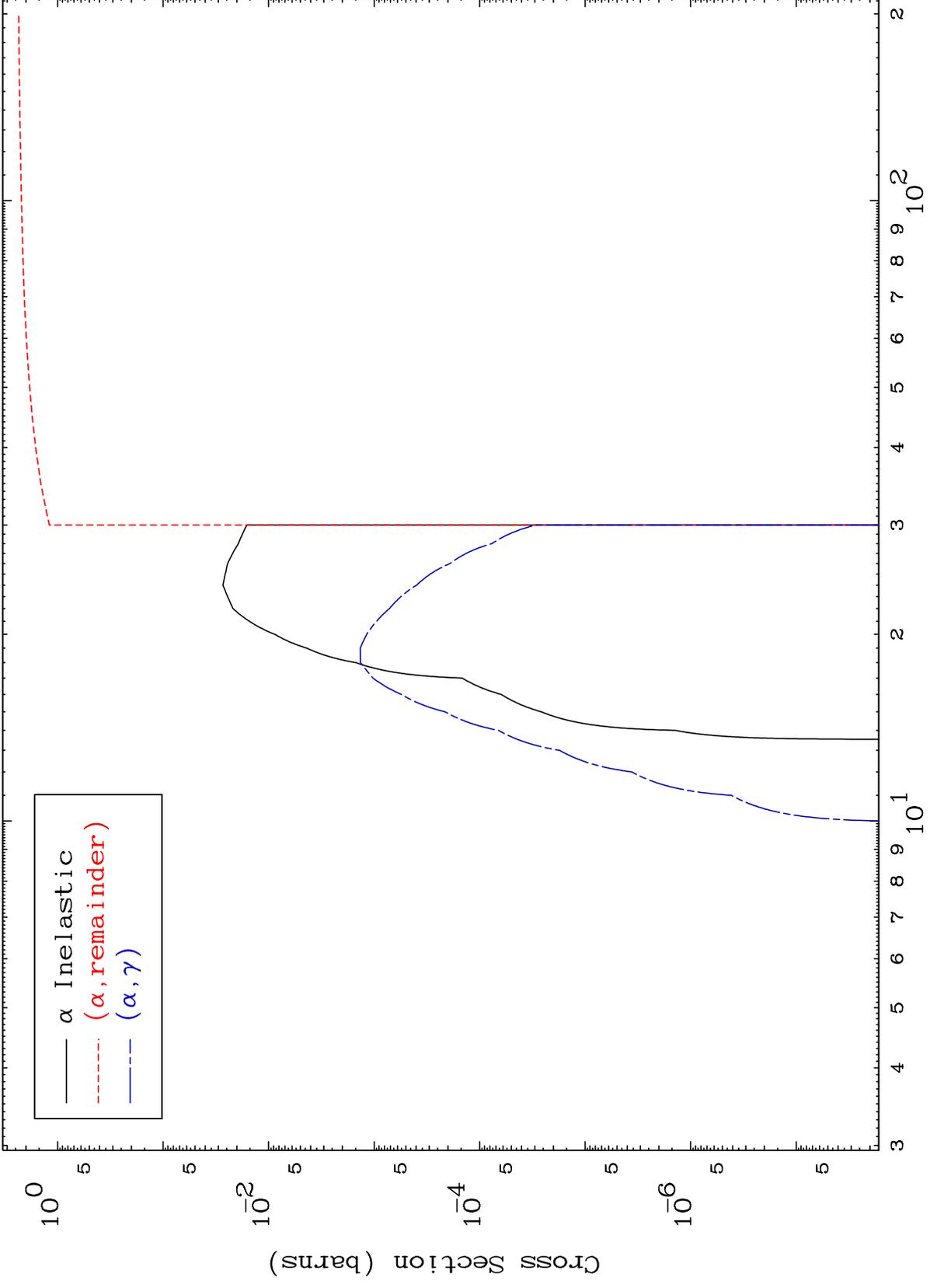
Press Mouse Button to Start

MAT 6386

α Major

64-Gd-139

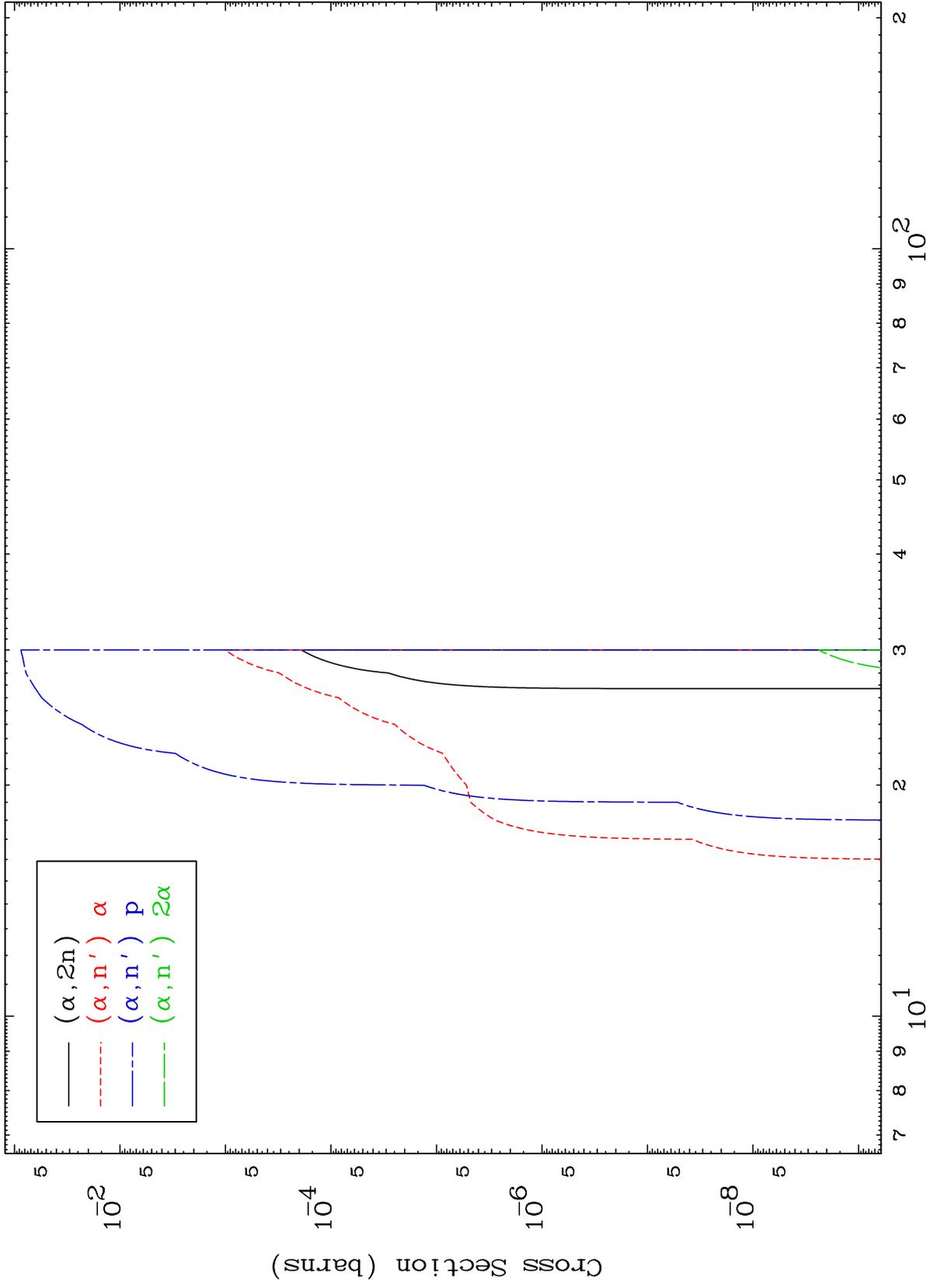
0 Kelvin Cross Sections

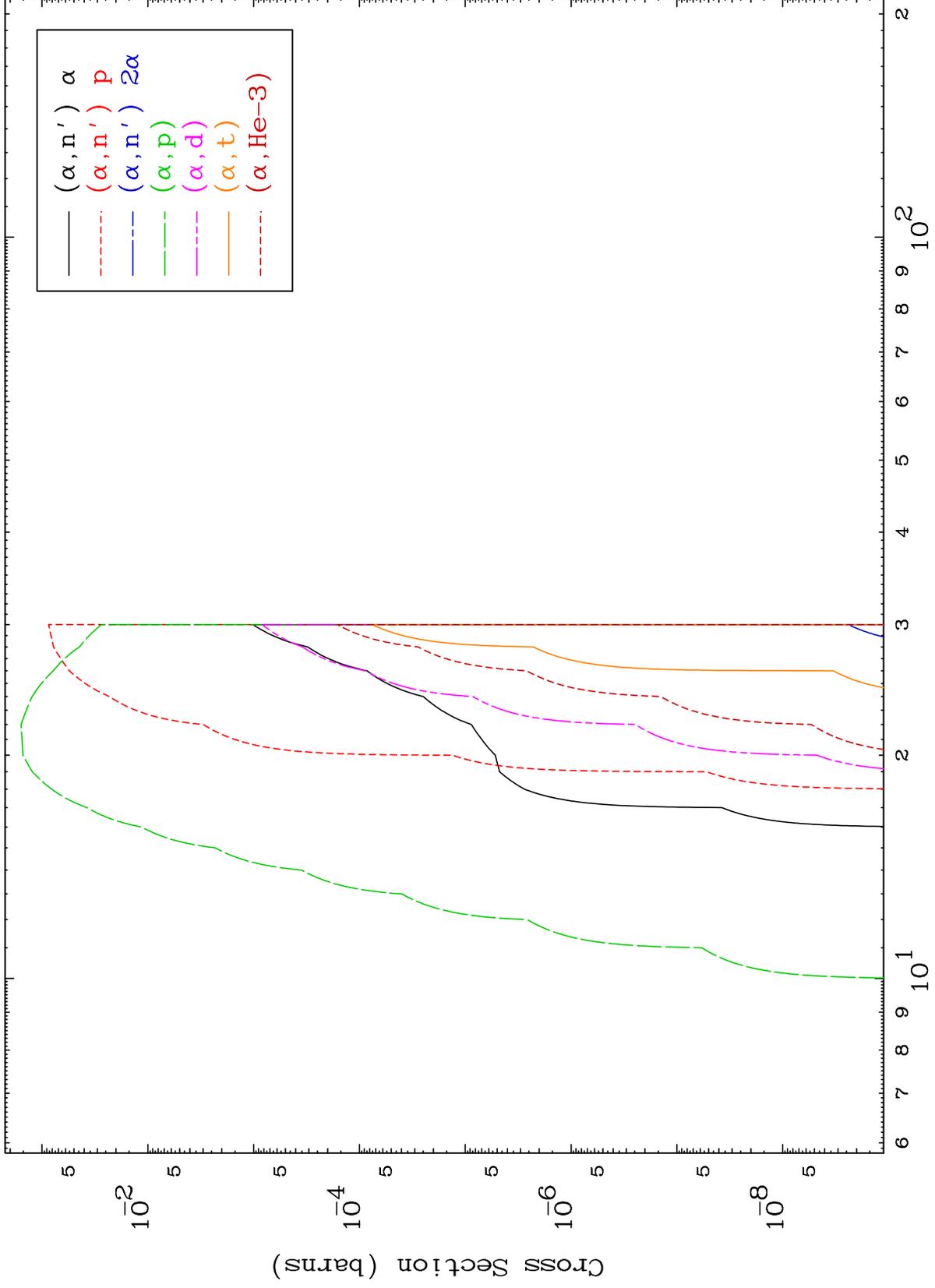


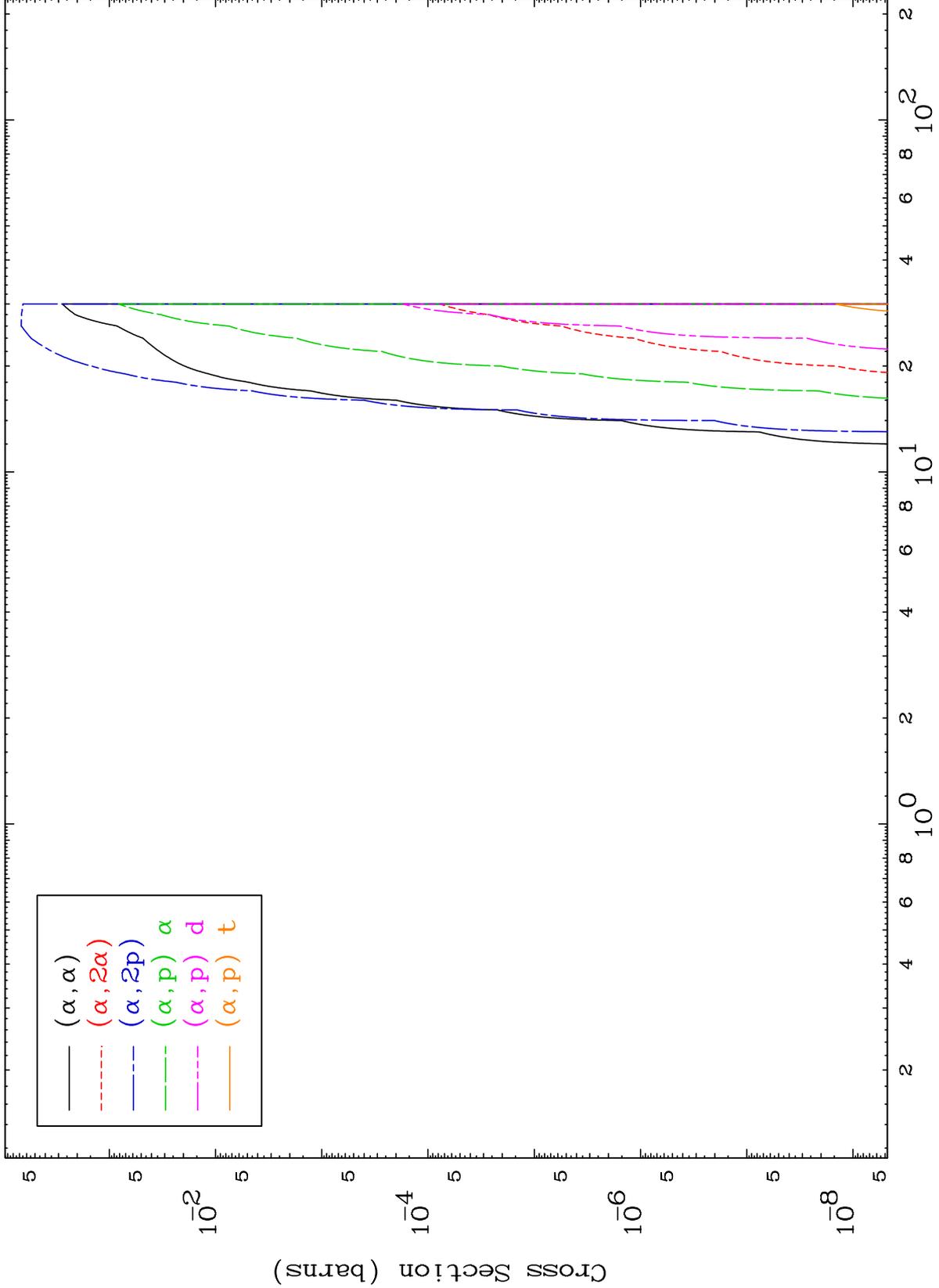
Incident Energy (MeV)

64-Gd-139

1



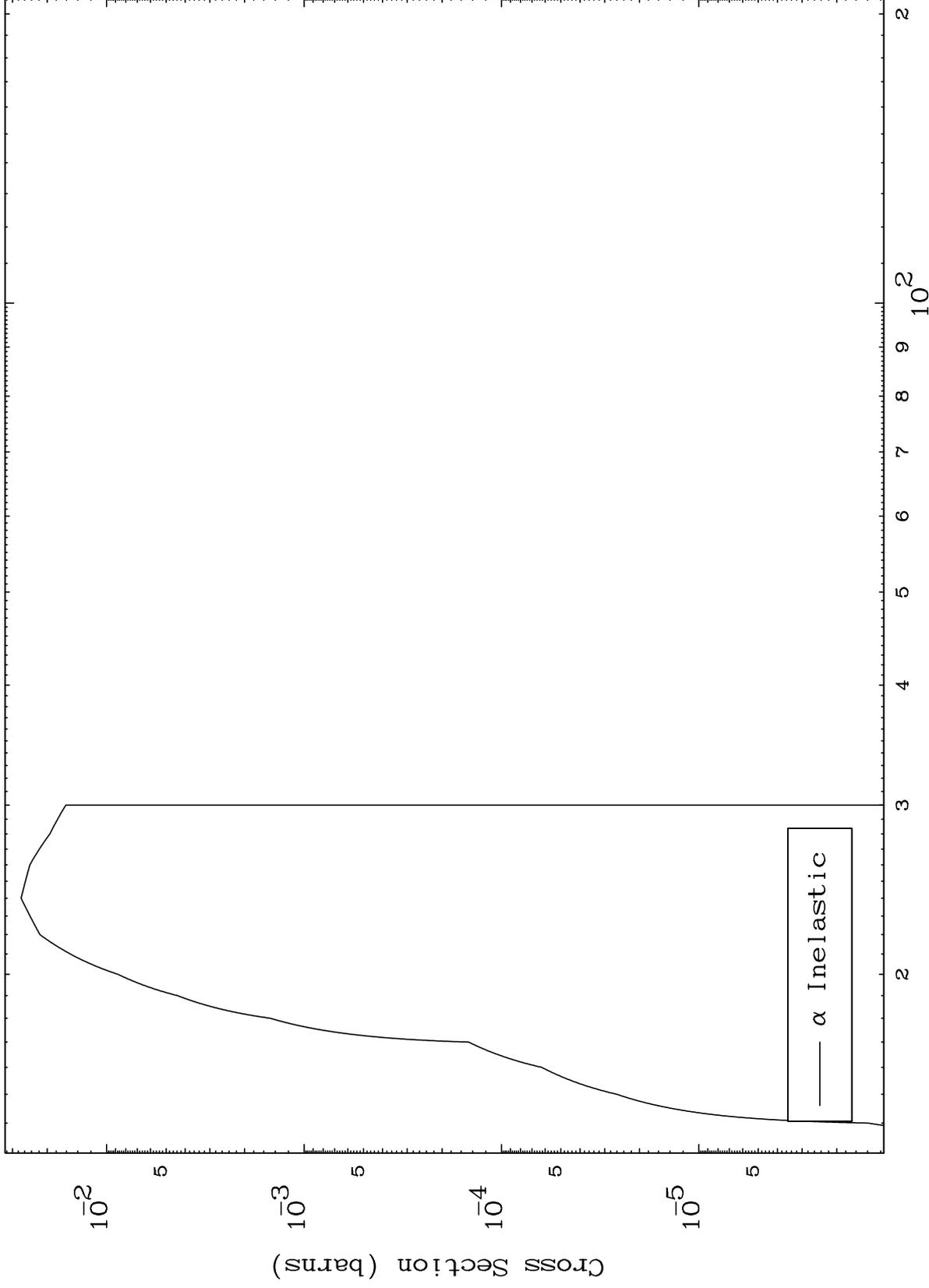




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(α, n') Level
0 Kelvin Cross Sections

64-Gd-139



5

Incident Energy (MeV)

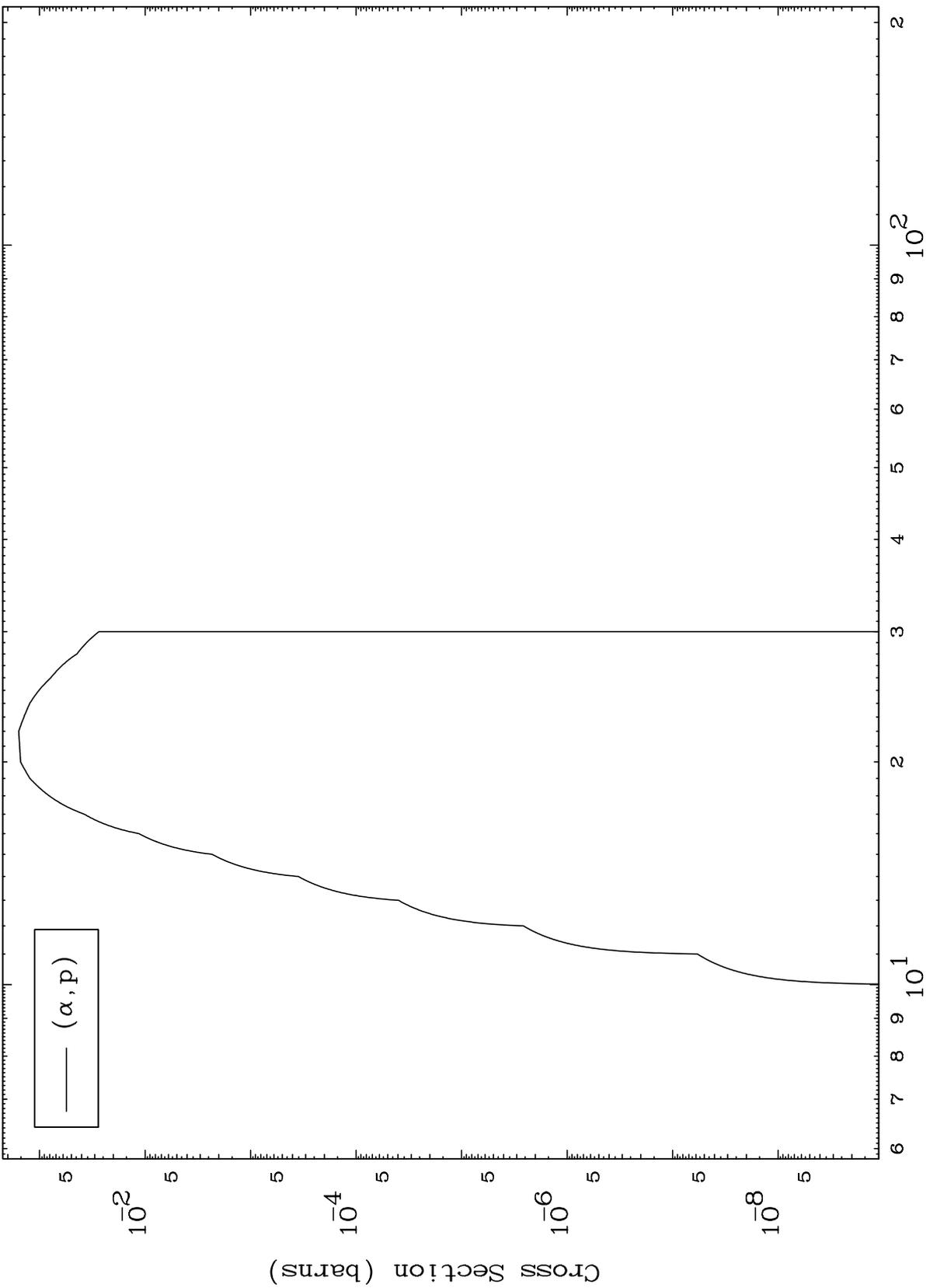
64-Gd-139

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(α, p) Levels

64-Gd-139

0 Kelvin Cross Sections



6

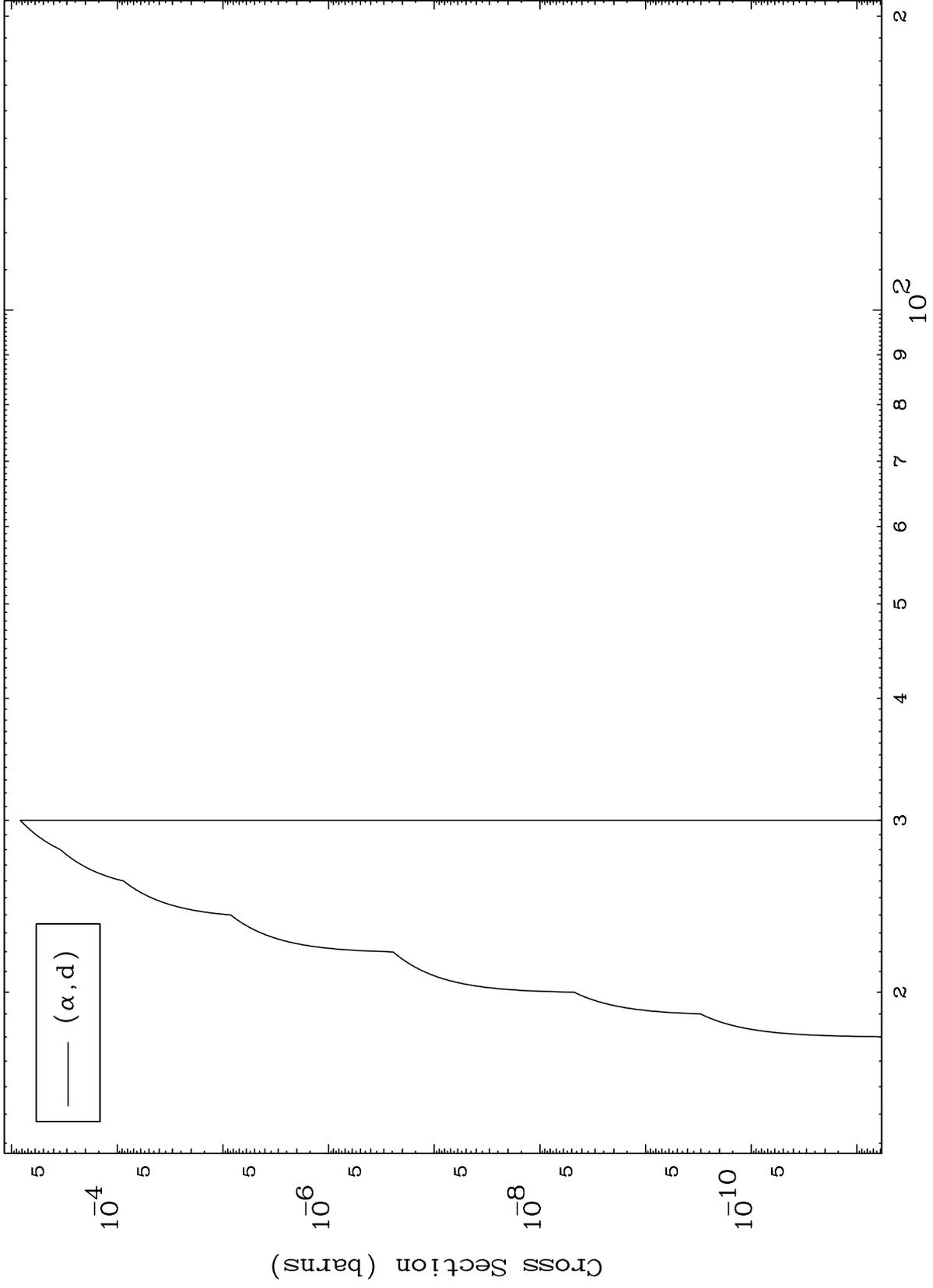
Incident Energy (MeV)

64-Gd-139

MAT 6386

(α, d) Levels
0 Kelvin Cross Sections

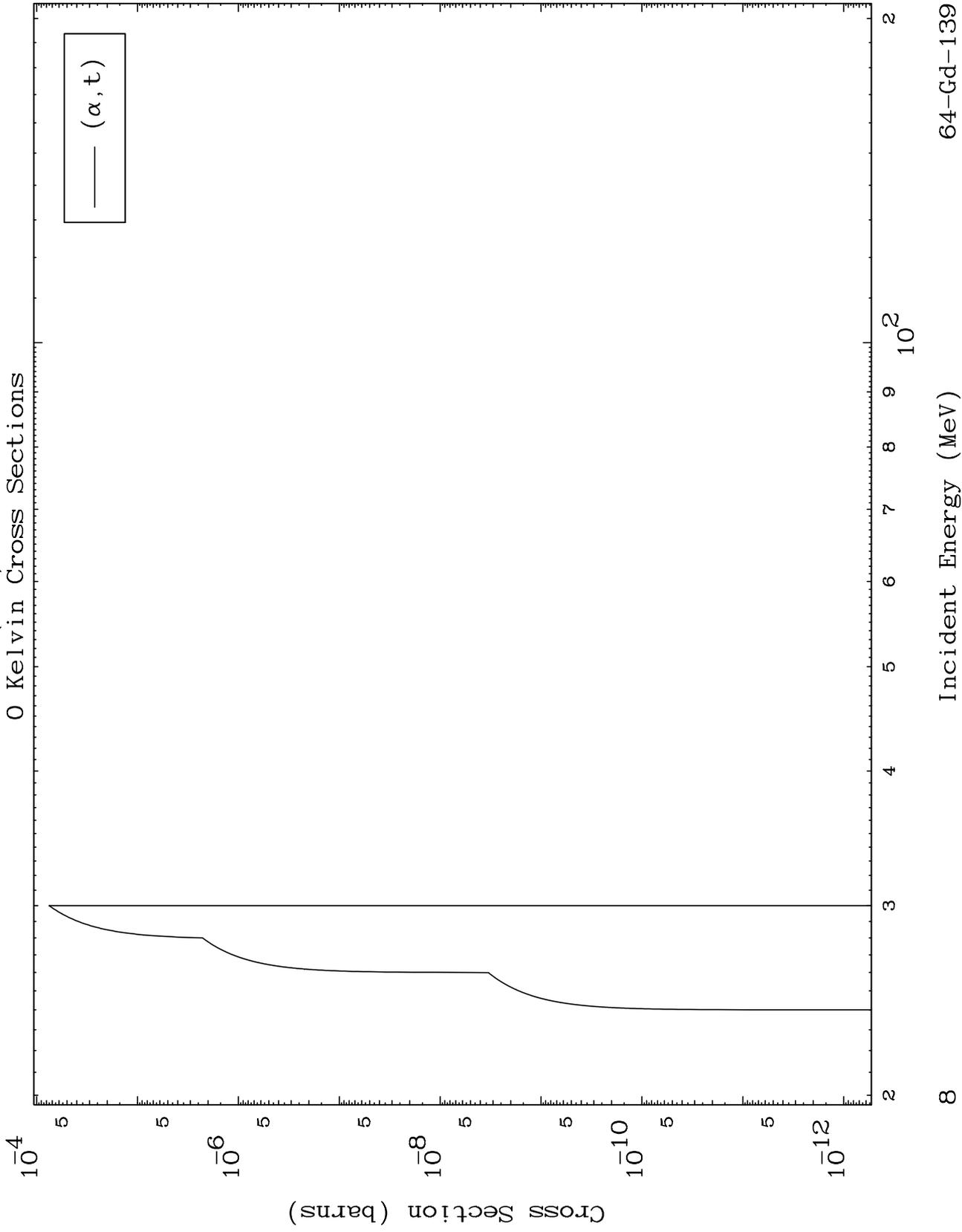
64-Gd-139



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(α, t) Levels

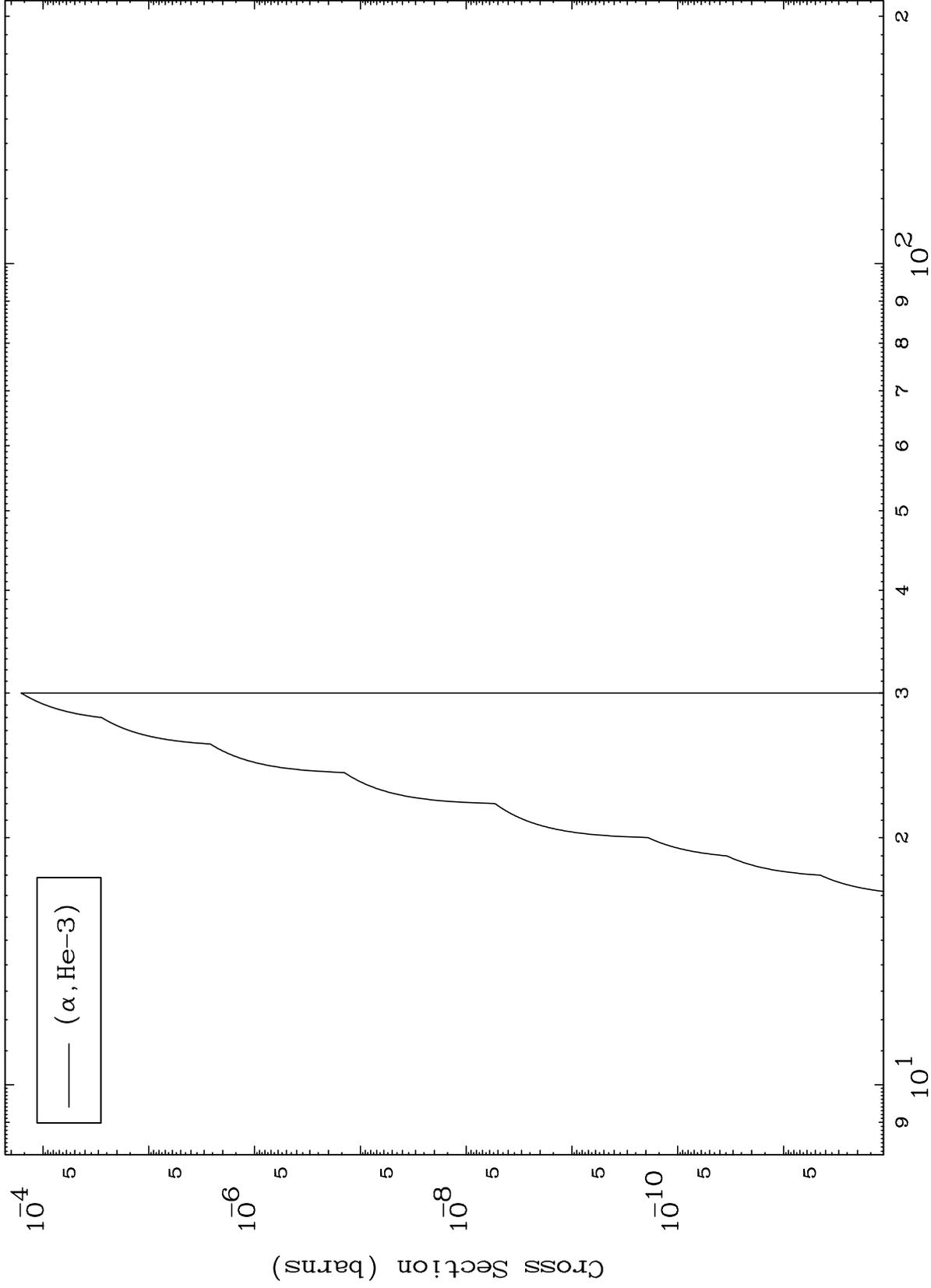
64-Gd-139



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(α , He3) Levels
0 Kelvin Cross Sections

64-Gd-139



9

Incident Energy (MeV)

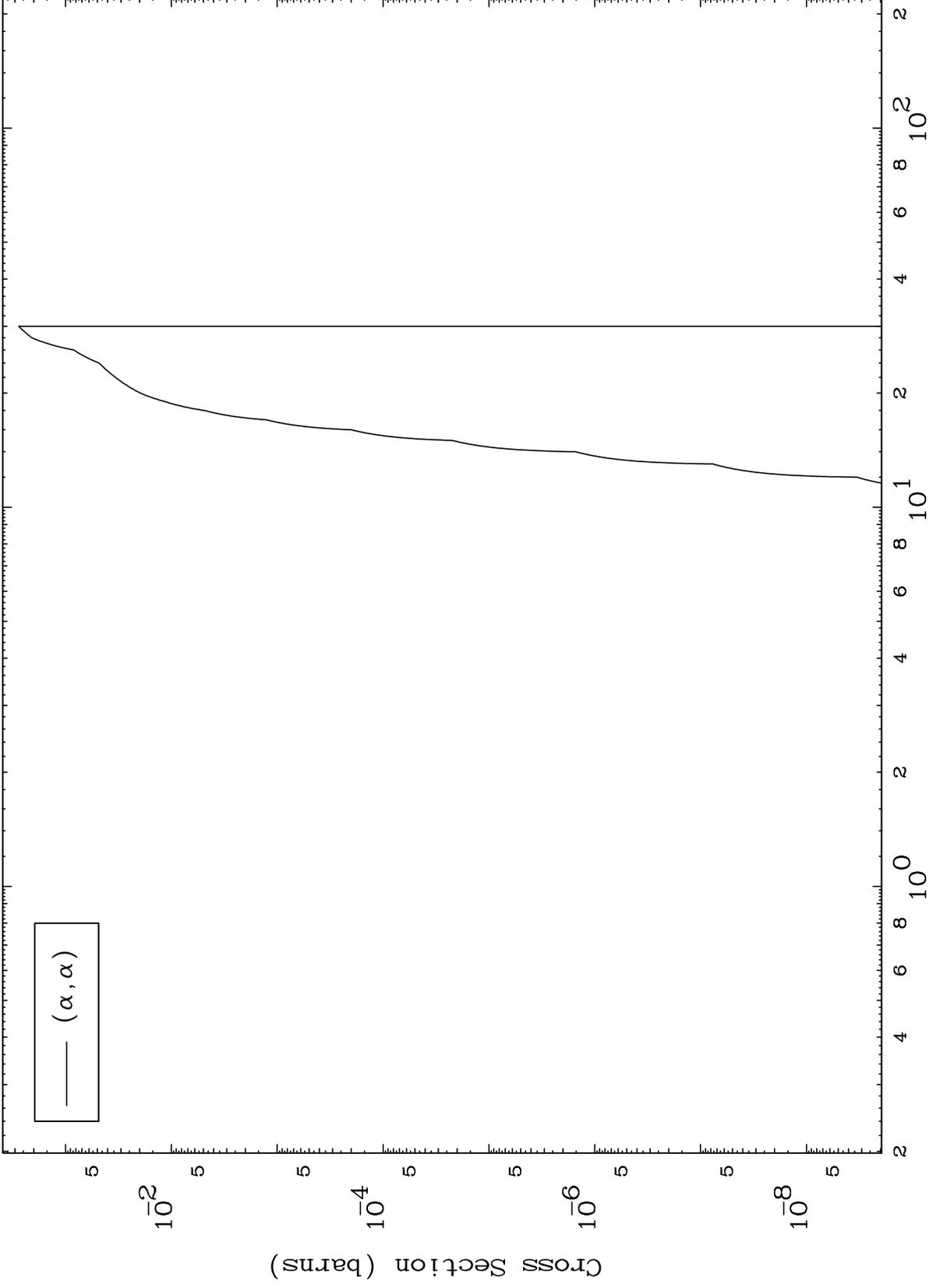
64-Gd-139

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(α, α) Levels

64-Gd-139

0 Kelvin Cross Sections

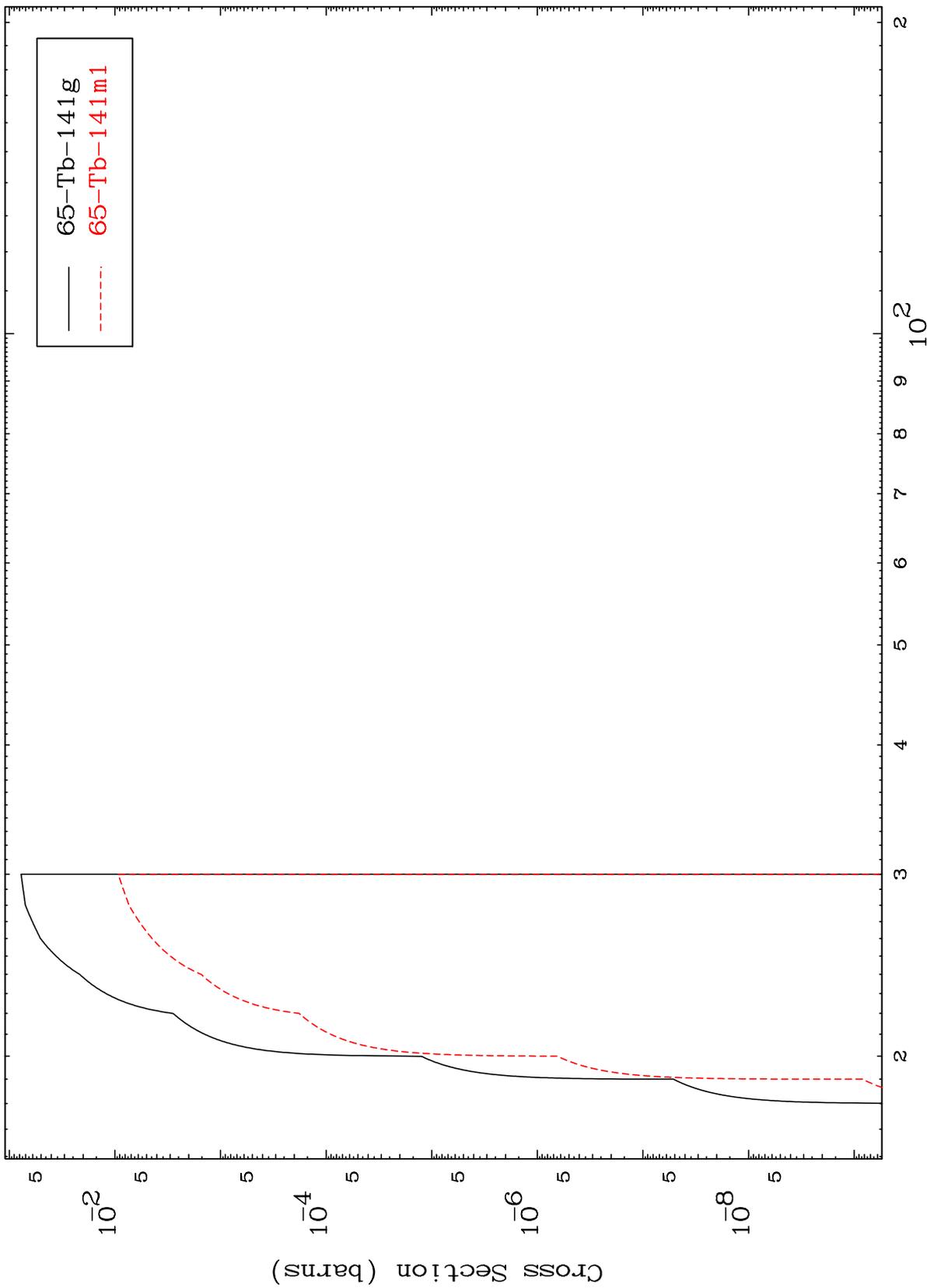


10

Incident Energy (MeV)

64-Gd-139

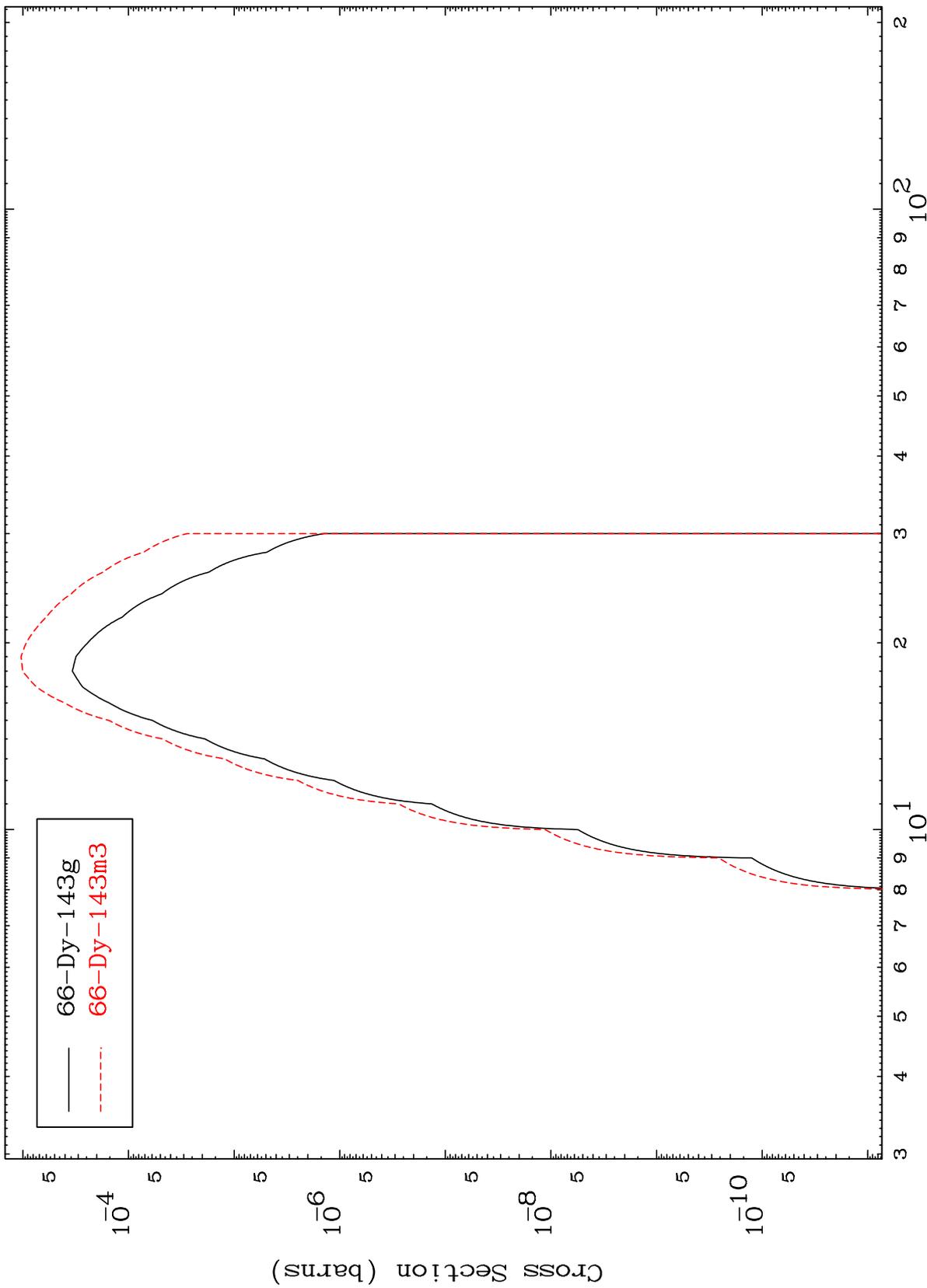
Radionuclide Production Cross Section



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64-Gd-139

Radionuclide Production Cross Section
(α, γ)



64-Gd-139

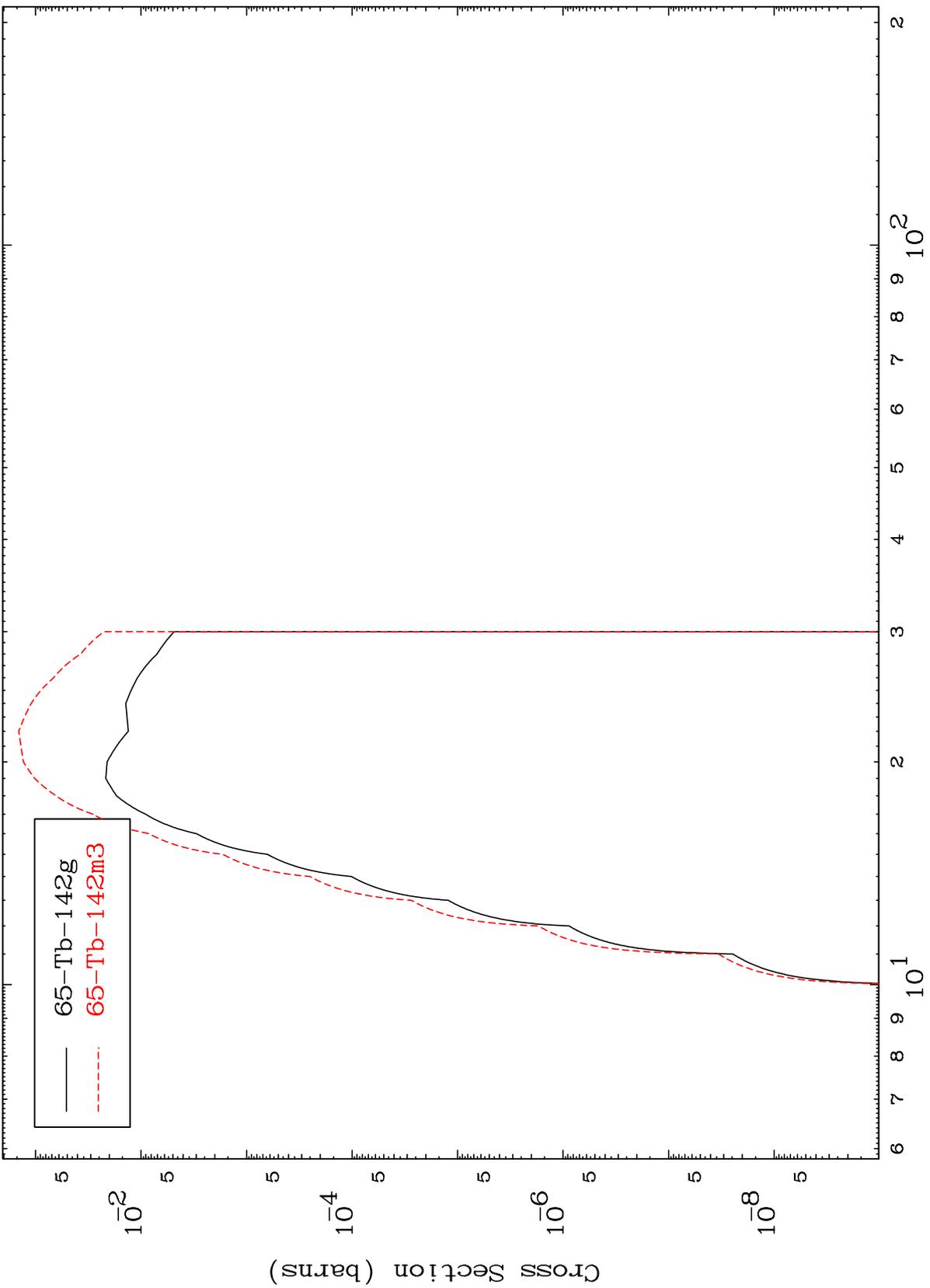
Incident Energy (MeV)

12

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64-Gd-139

(α, p)
Radionuclide Production Cross Section



— 65-Tb-142g
- - - 65-Tb-142m3

13

Incident Energy (MeV)

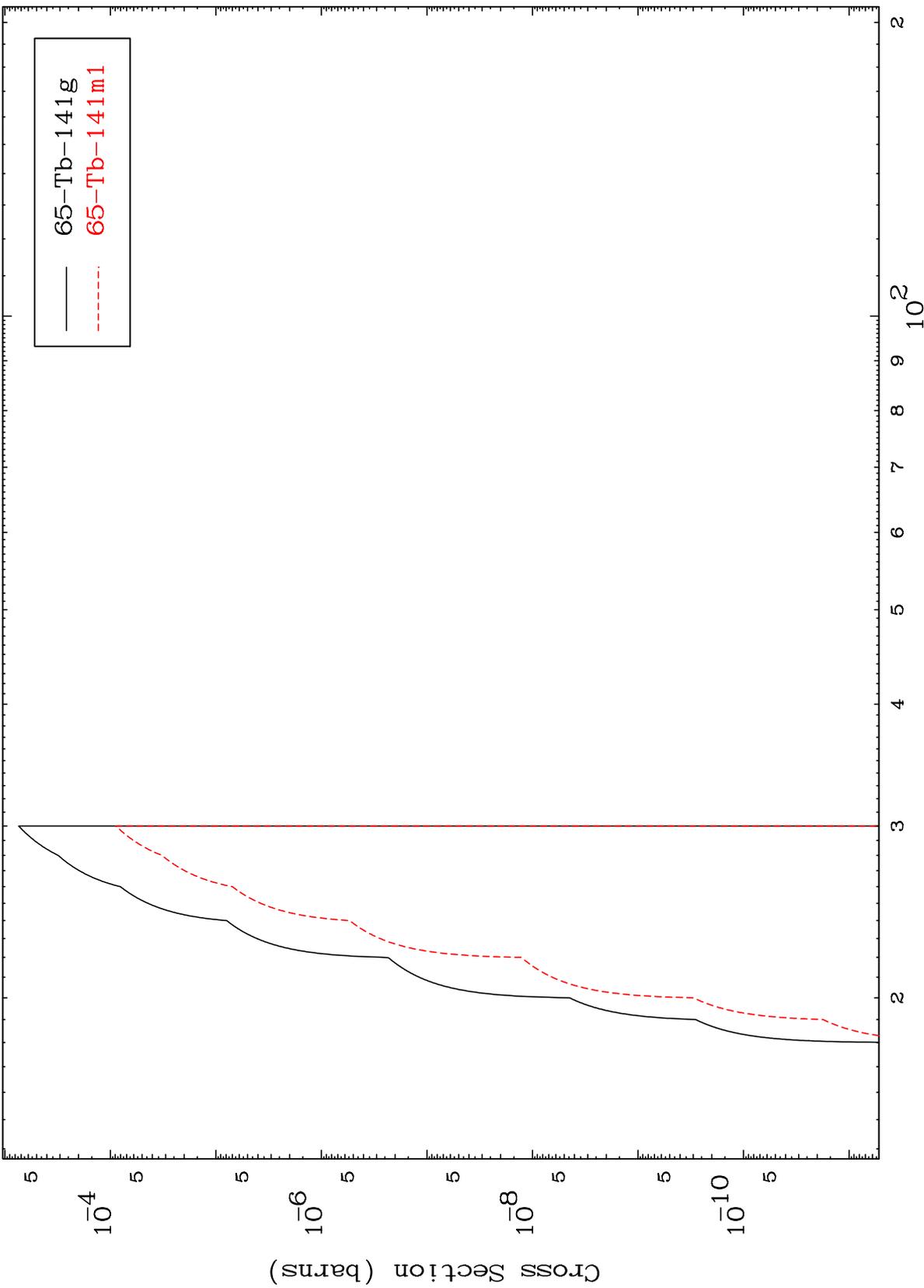
64-Gd-139

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(α, d)

64-Gd-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

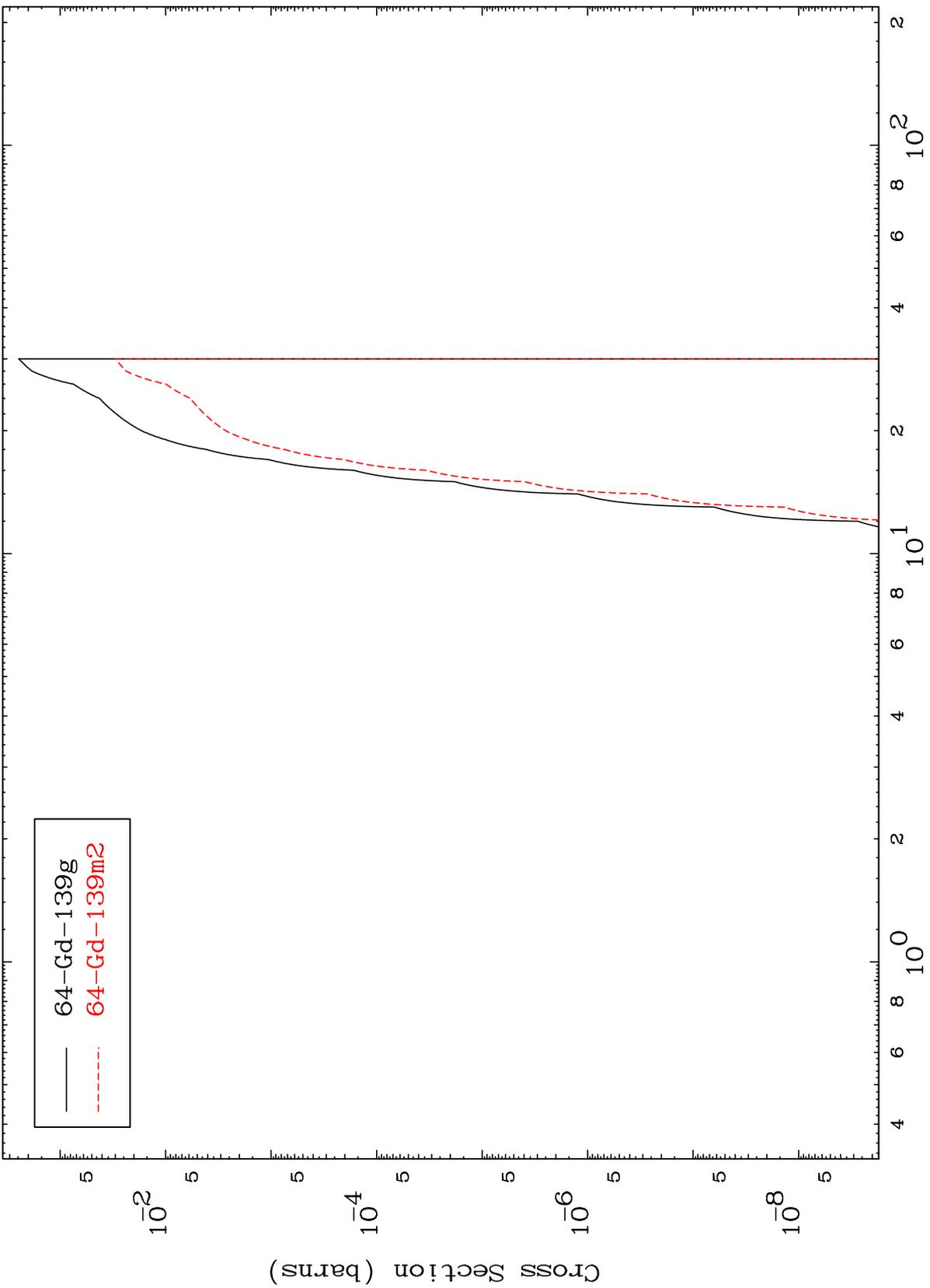
64-Gd-139

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(α, α)

⁶⁴Gd-139

Radionuclide Production Cross Section



15

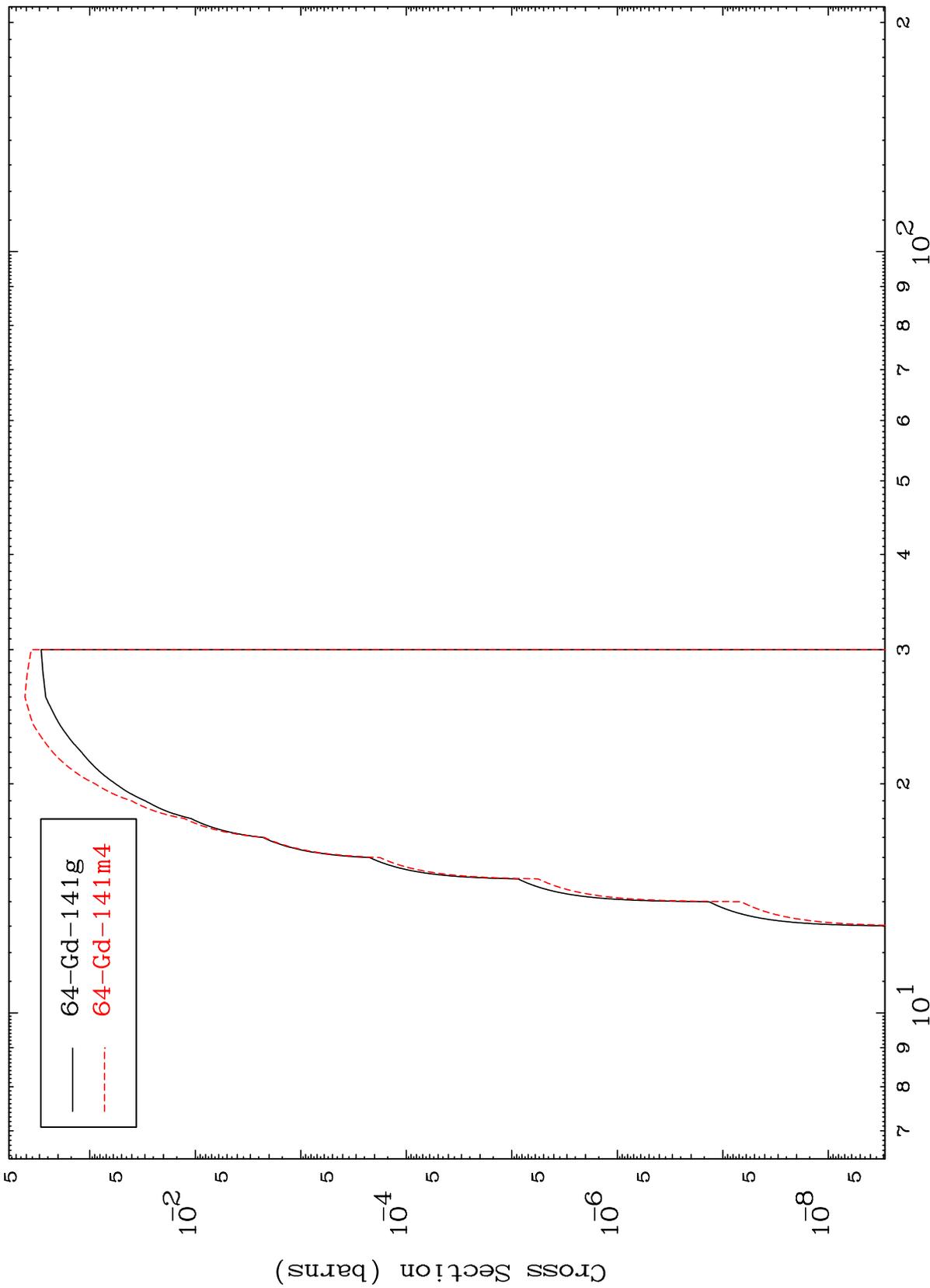
Incident Energy (MeV)

⁶⁴Gd-139

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64-Gd-139

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



16

Incident Energy (MeV)

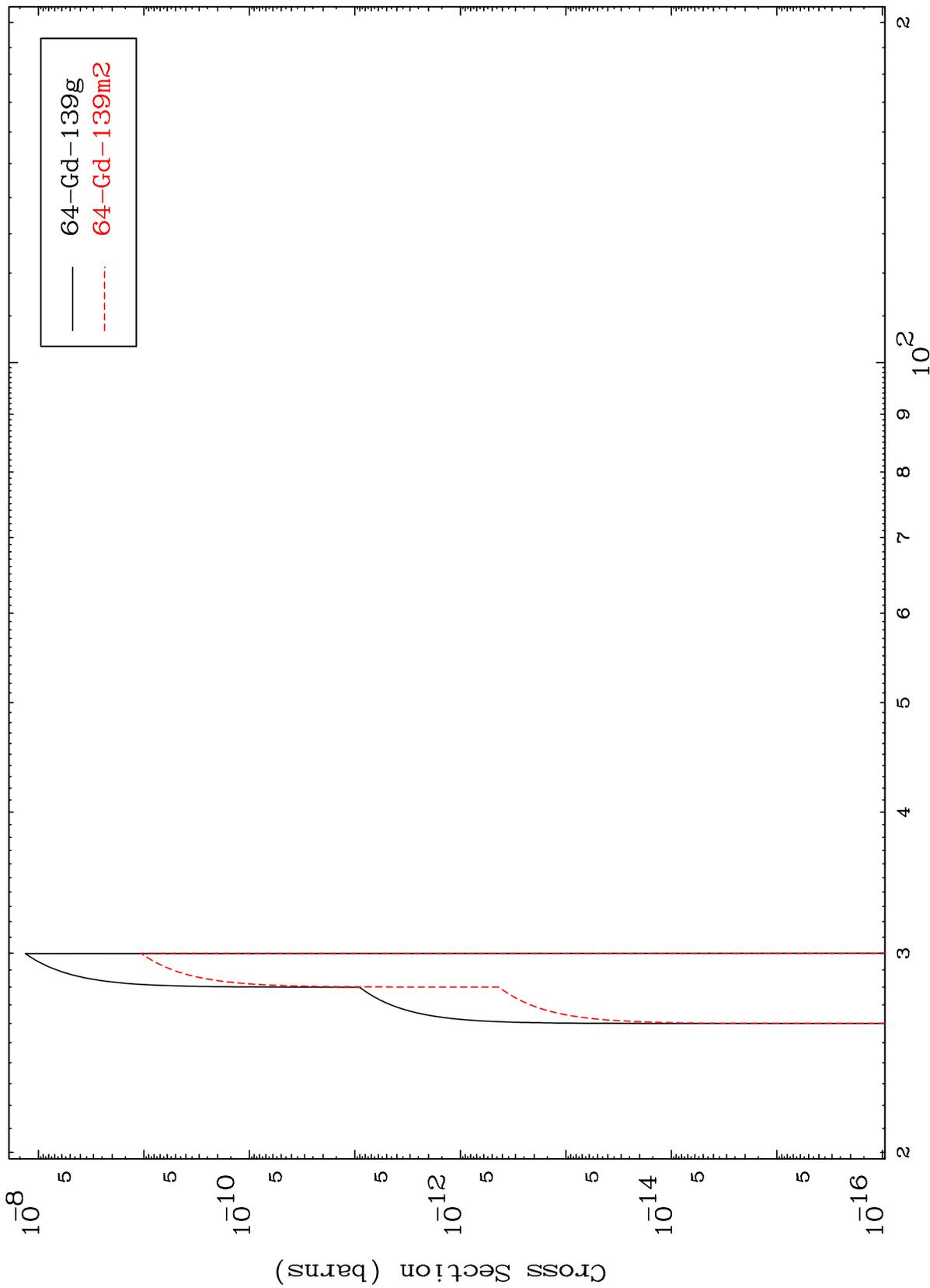
64-Gd-139

MAT 6386

(α, p) t

64-Gd-139

Radionuclide Production Cross Section



17

Incident Energy (MeV)

64-Gd-139