

Program EVALPLOT
(Version 2018-1)

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

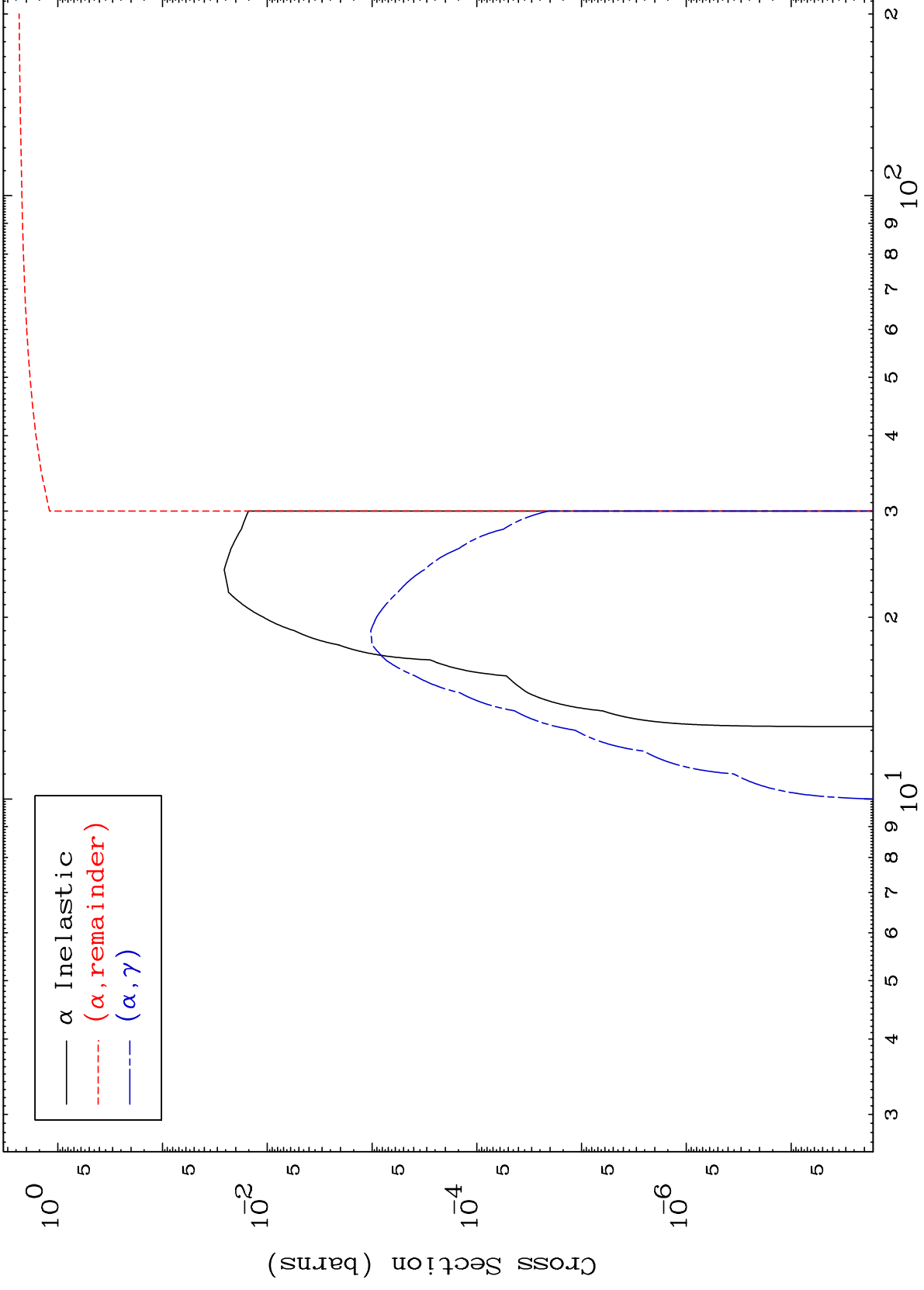
Press Mouse Button to Start

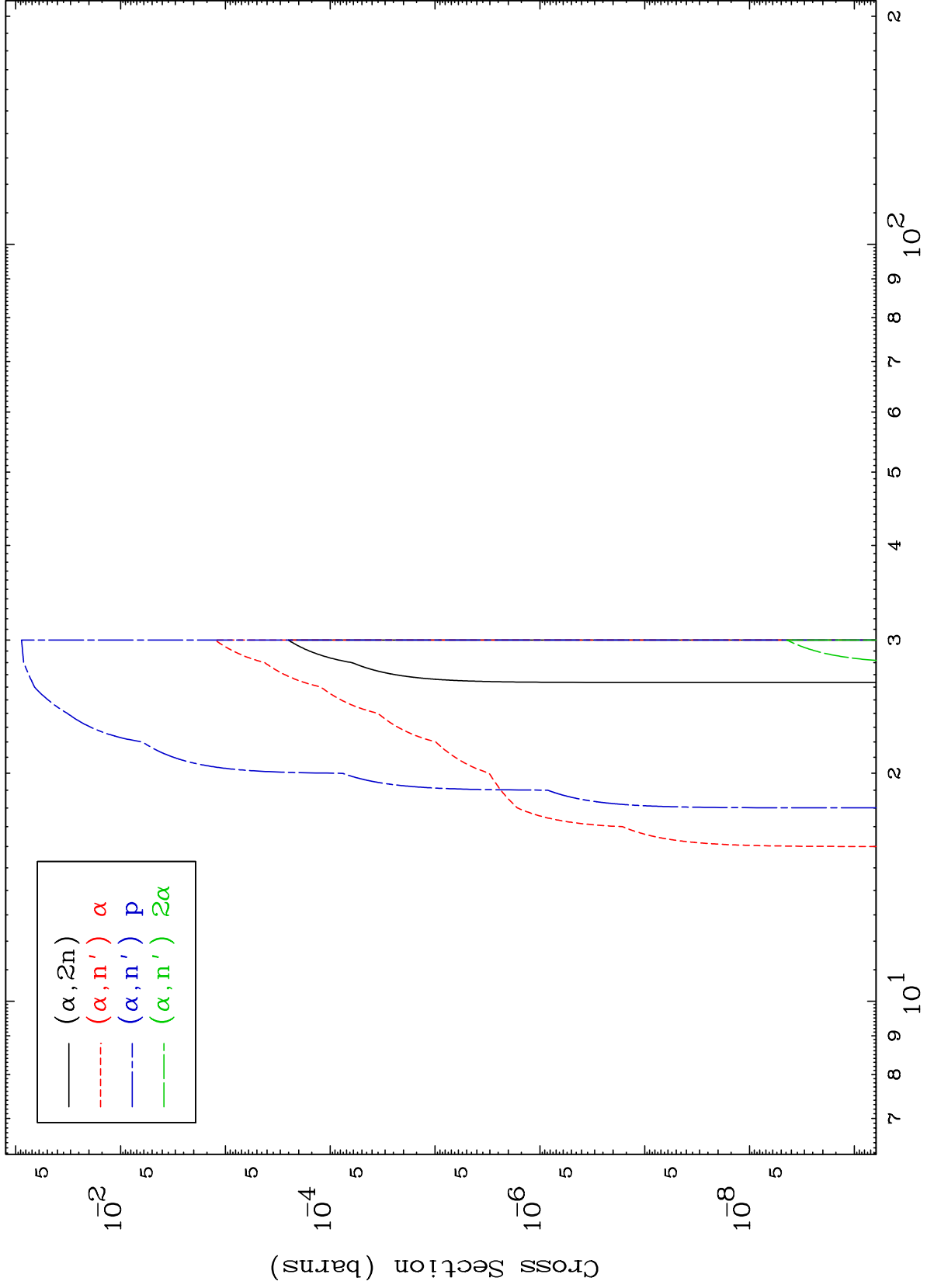
MAT 6387

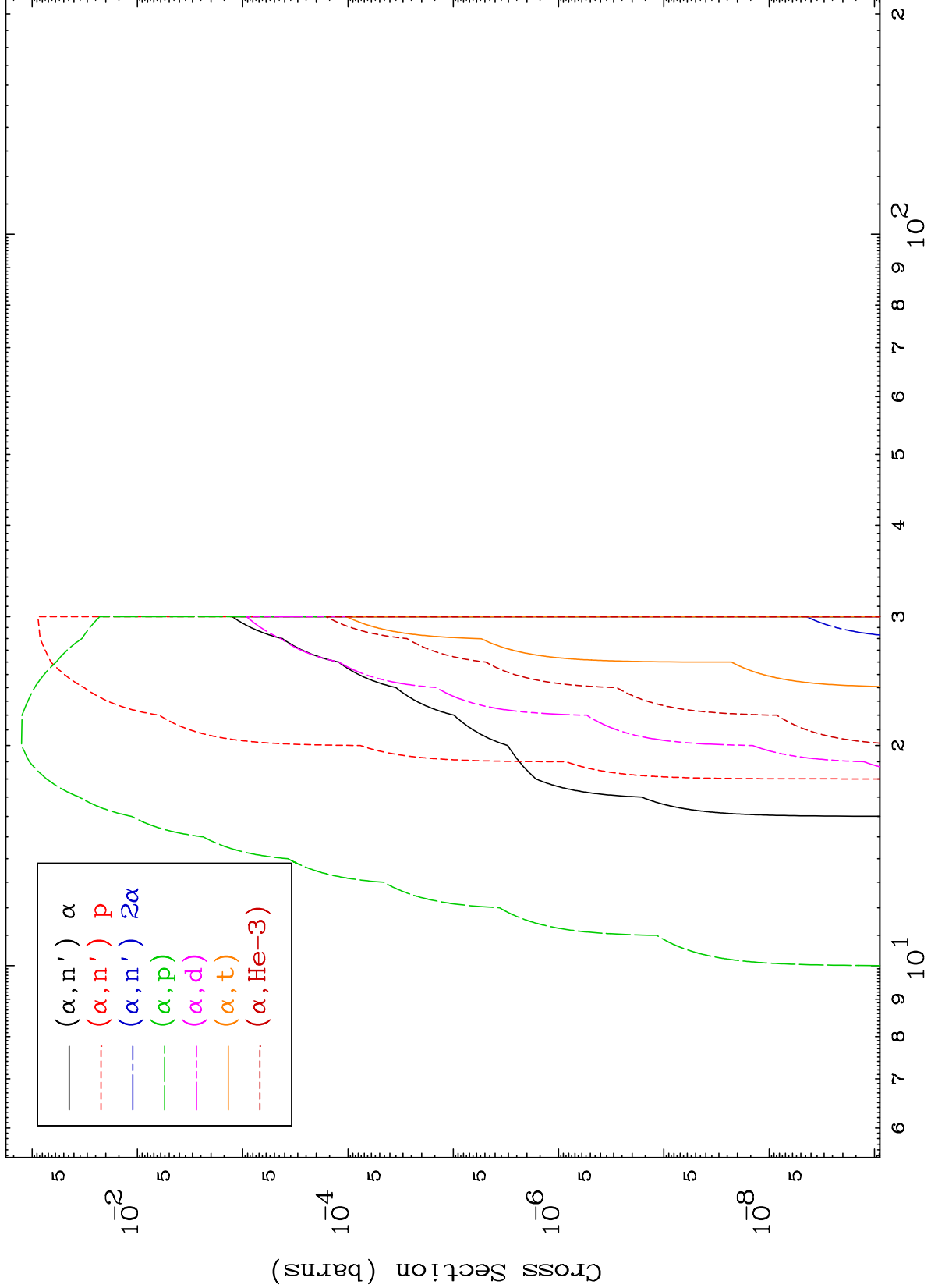
α Major

64-Gd-139

0 Kelvin Cross Sections



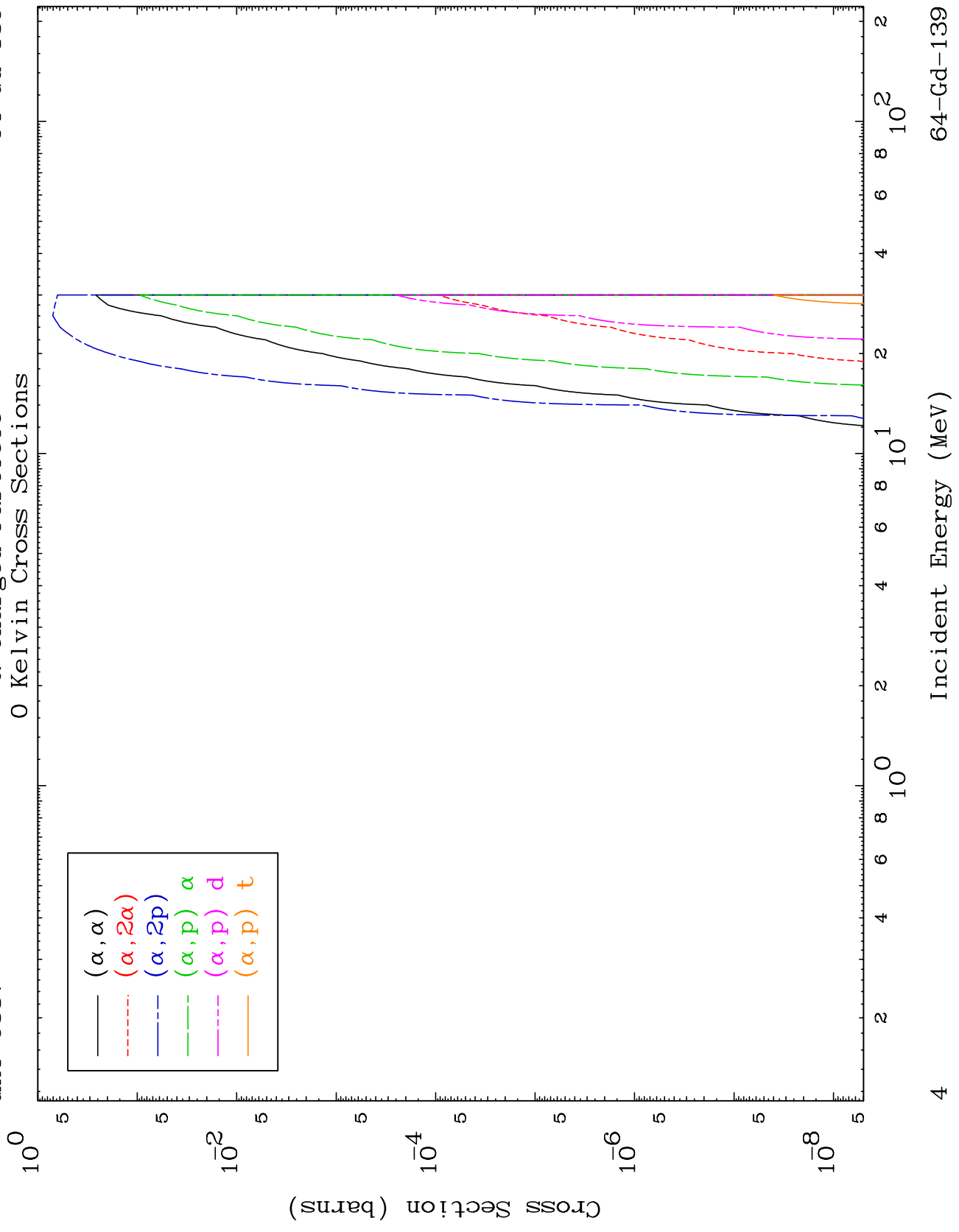




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α Charged Particle
0 Kelvin Cross Sections

64-Gd-139

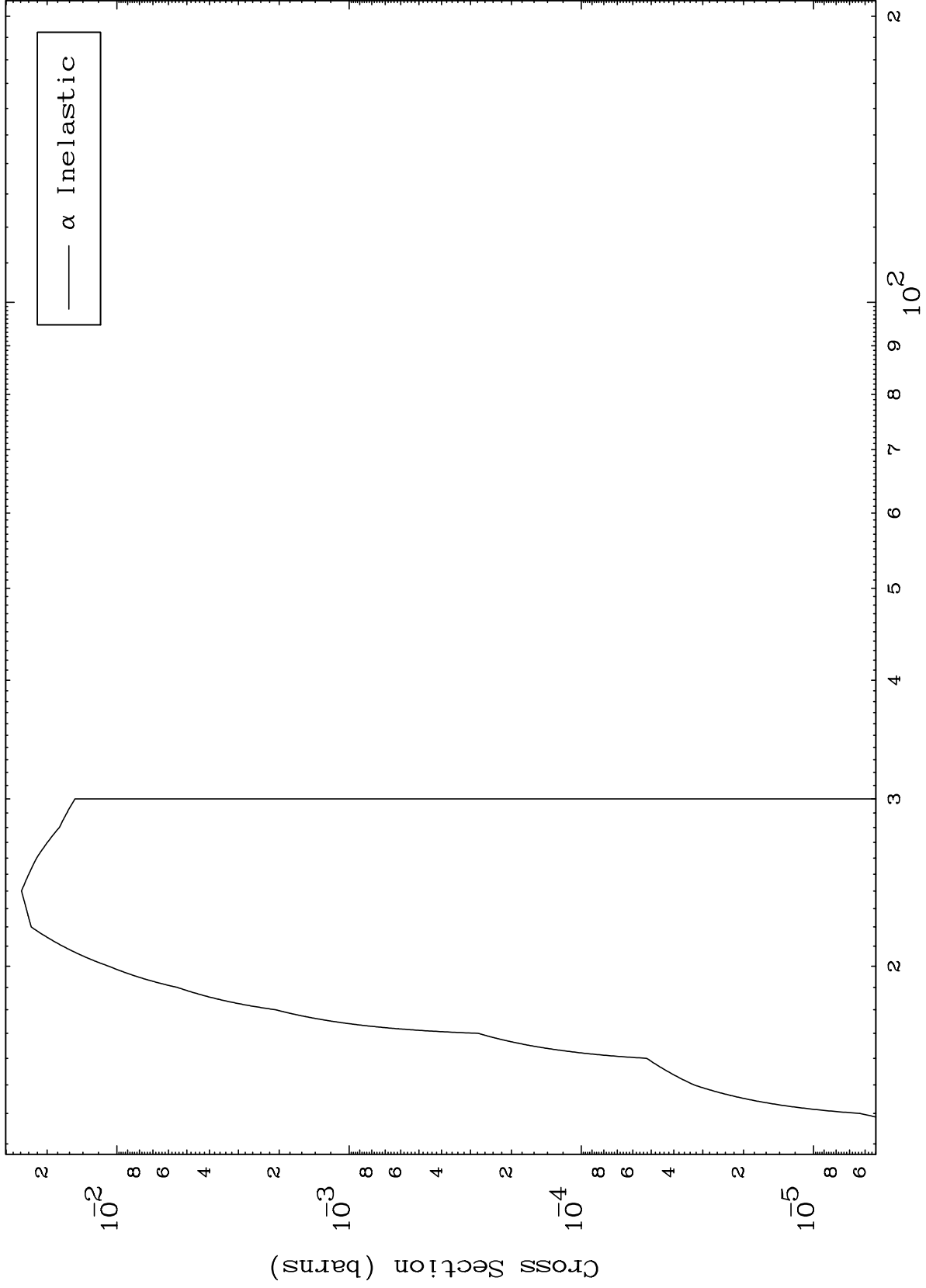


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(α, n') Level

64-Gd-139

0 Kelvin Cross Sections



5

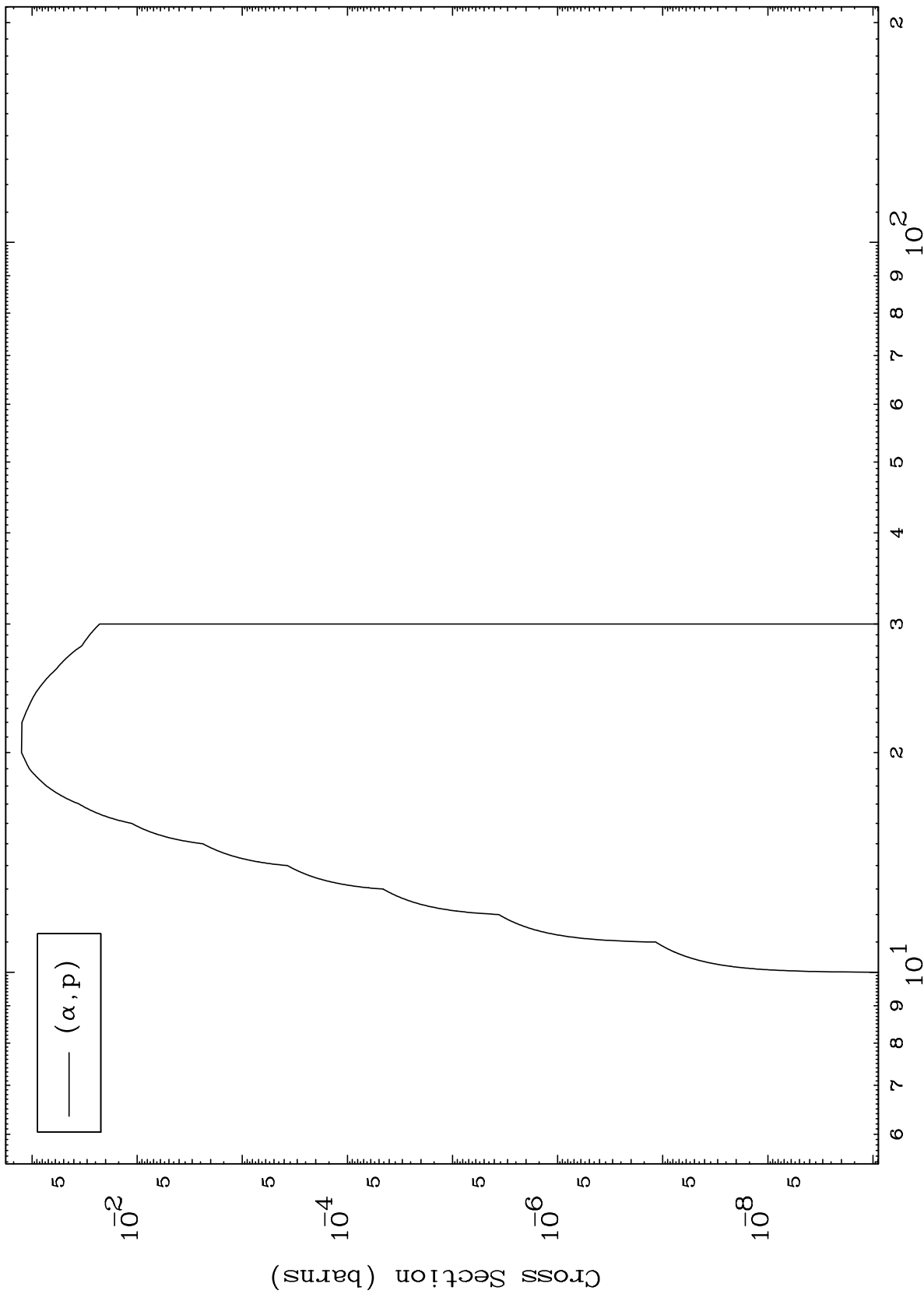
Incident Energy (MeV)

64-Gd-139

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64-Gd-139

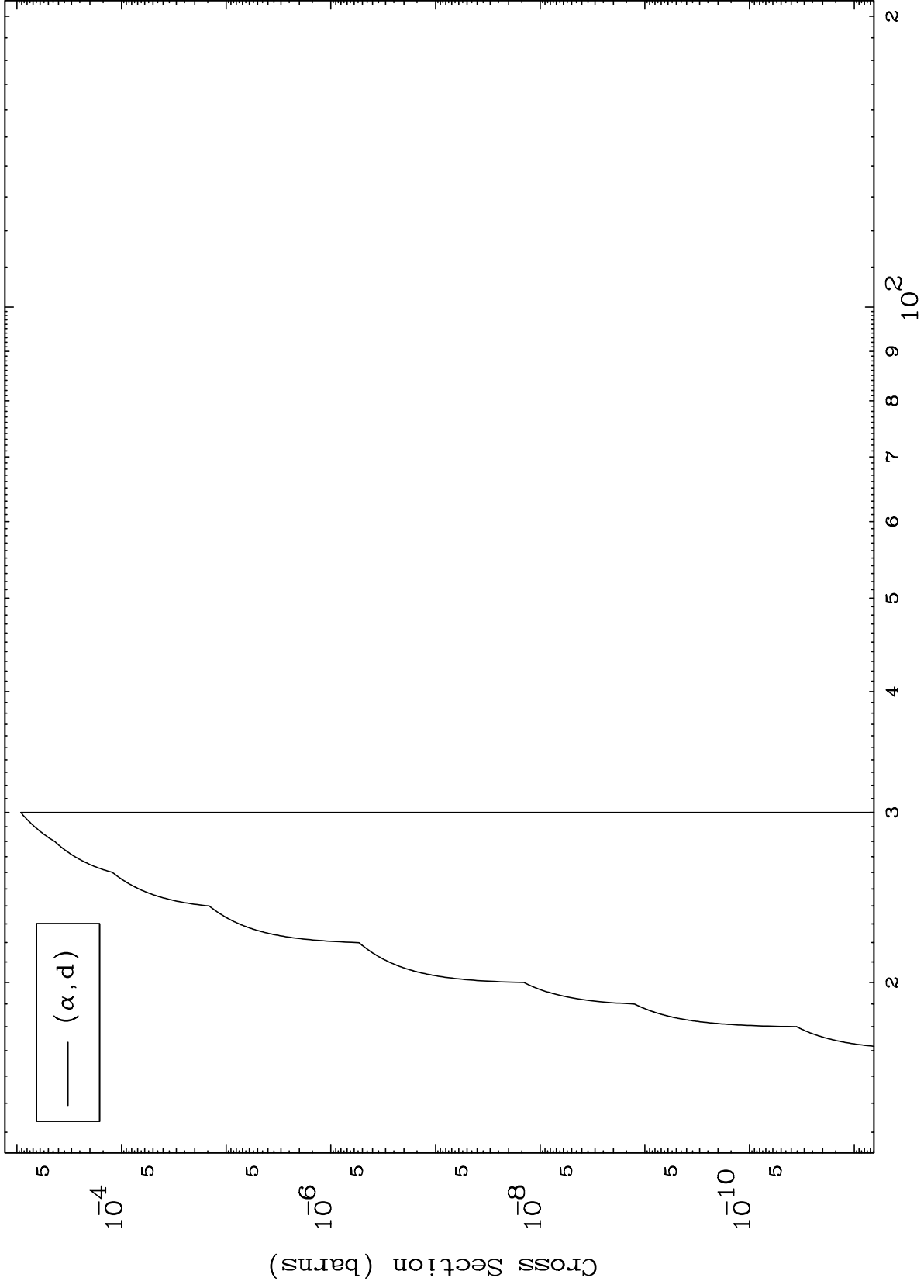
(α, p) Levels
0 Kelvin Cross Sections



6

Incident Energy (MeV)

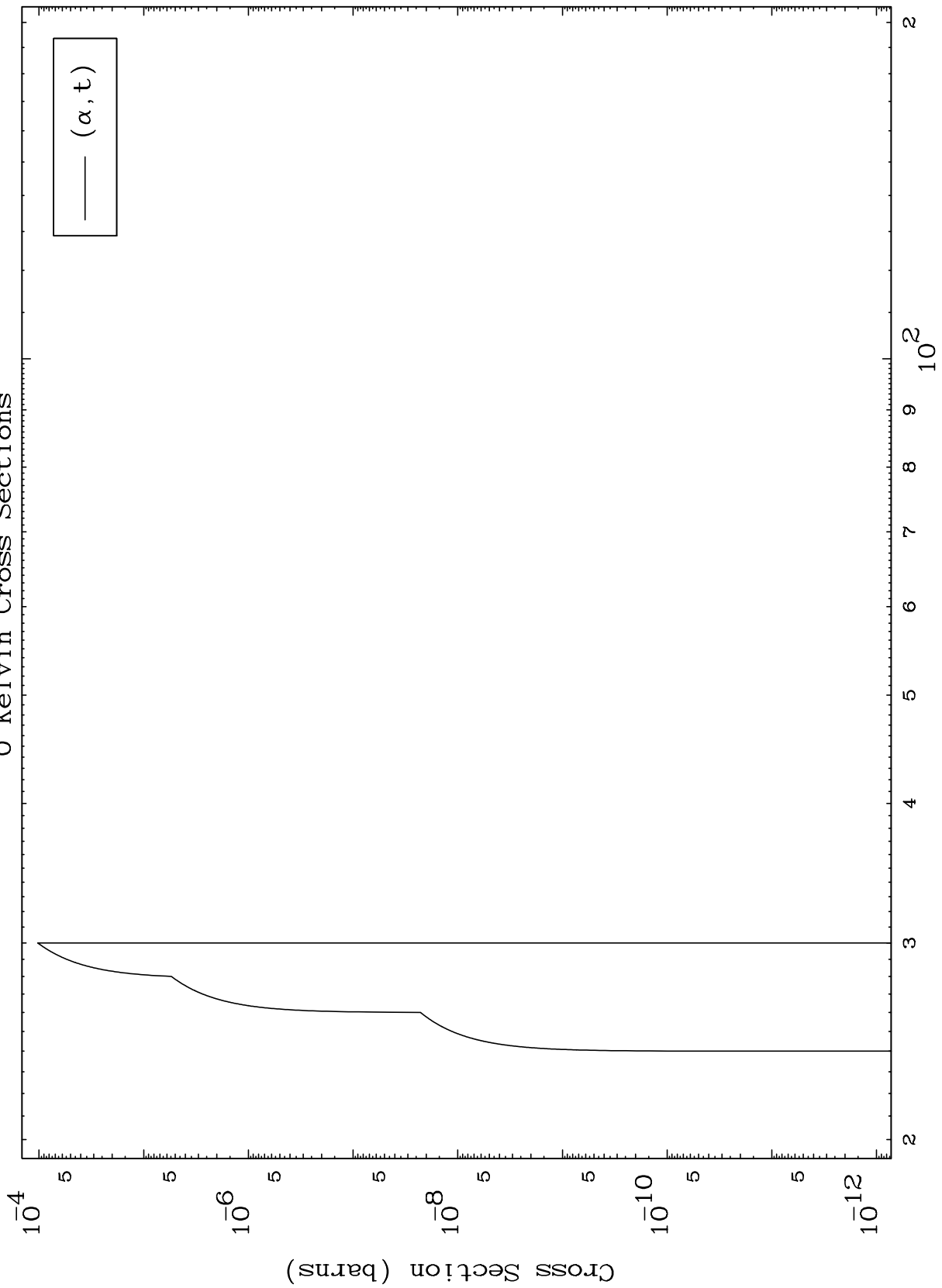
64-Gd-139



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64-Gd-139

(α, t) Levels
0 Kelvin Cross Sections



64-Gd-139

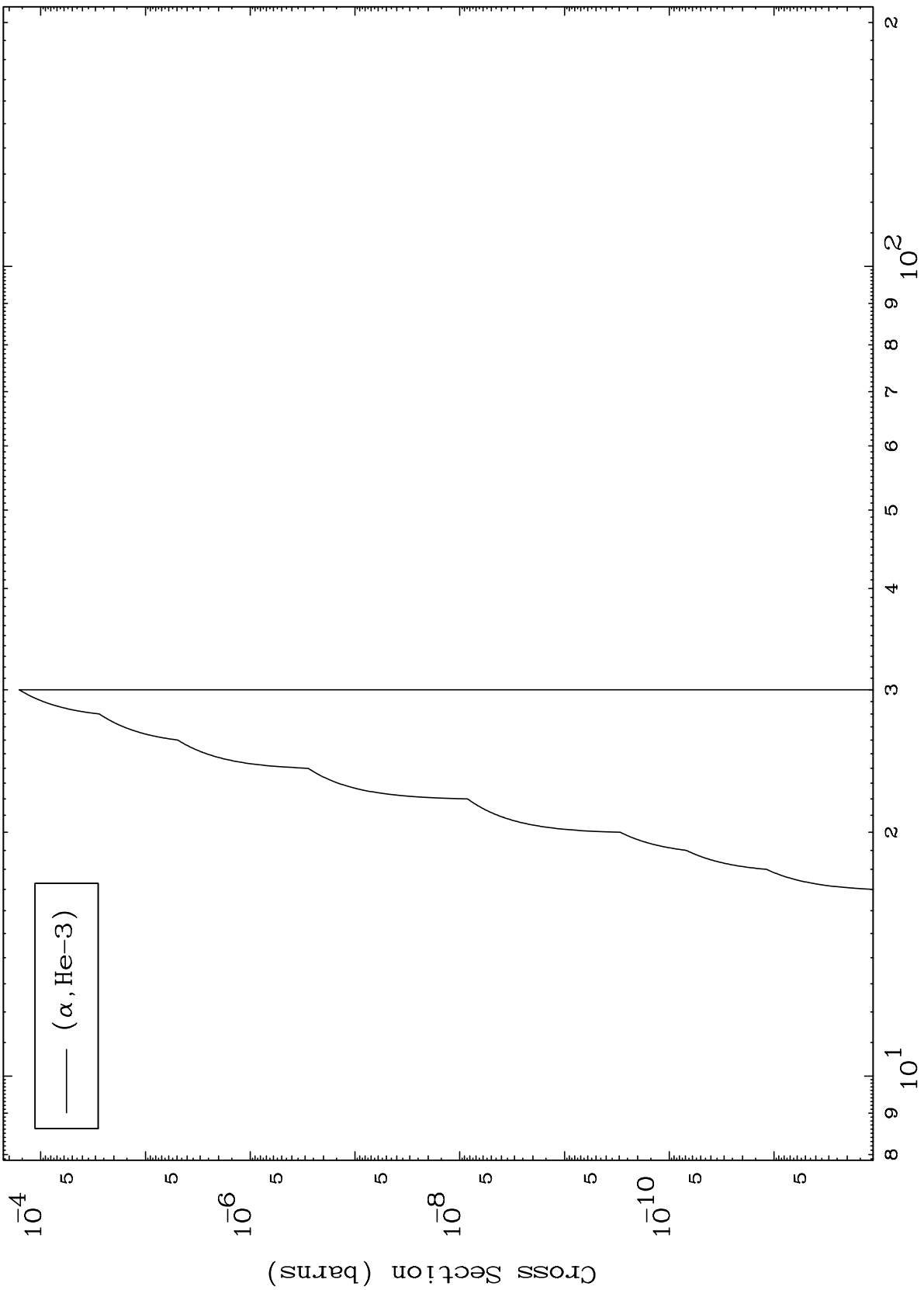
Incident Energy (MeV)

8

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64-Gd-139

(α ,He3) Levels
0 Kelvin Cross Sections



9

Incident Energy (MeV)

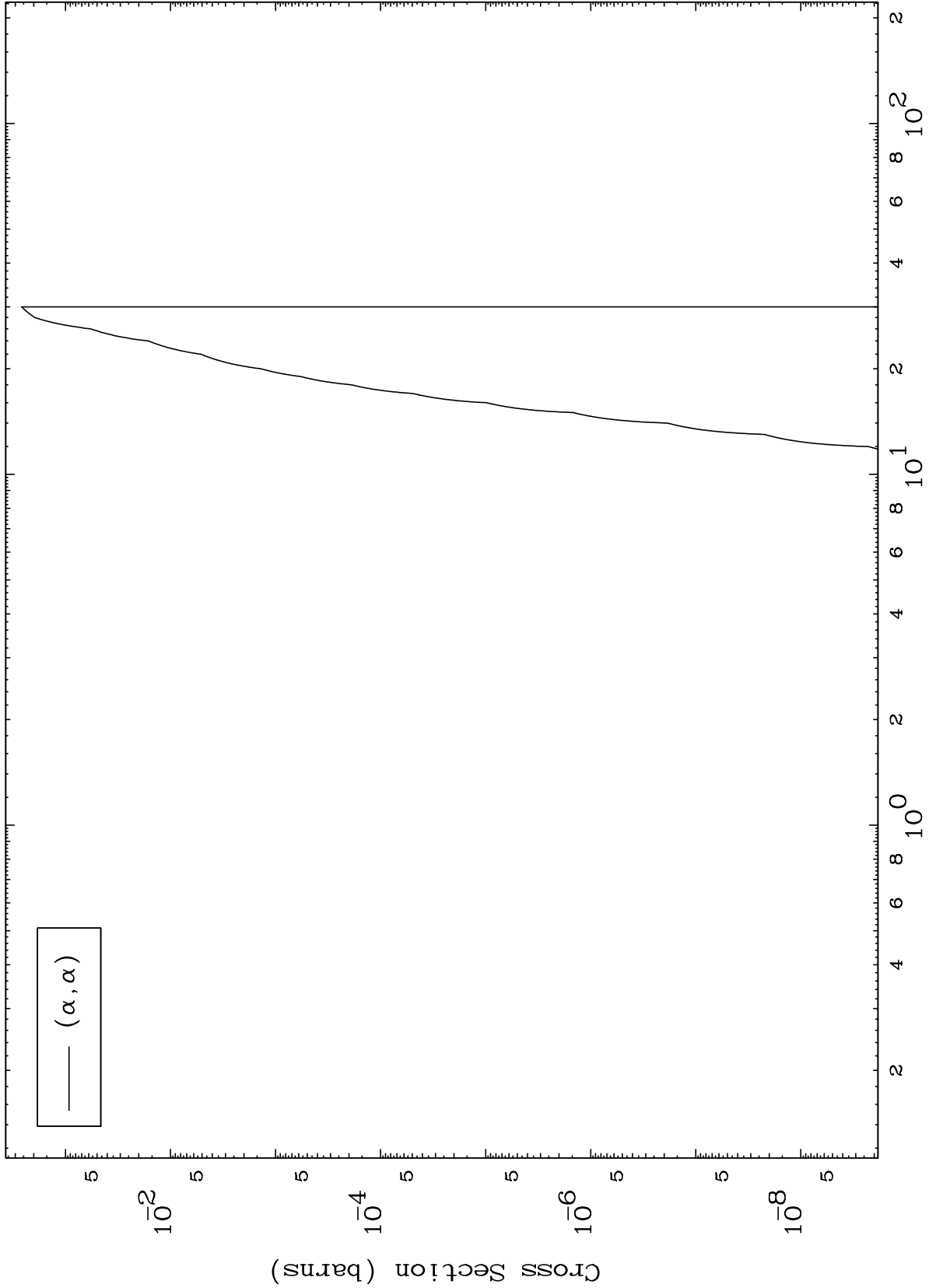
64-Gd-139

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(α, α) Levels

64-Gd-139

0 Kelvin Cross Sections



(α, α)

10

Incident Energy (MeV)

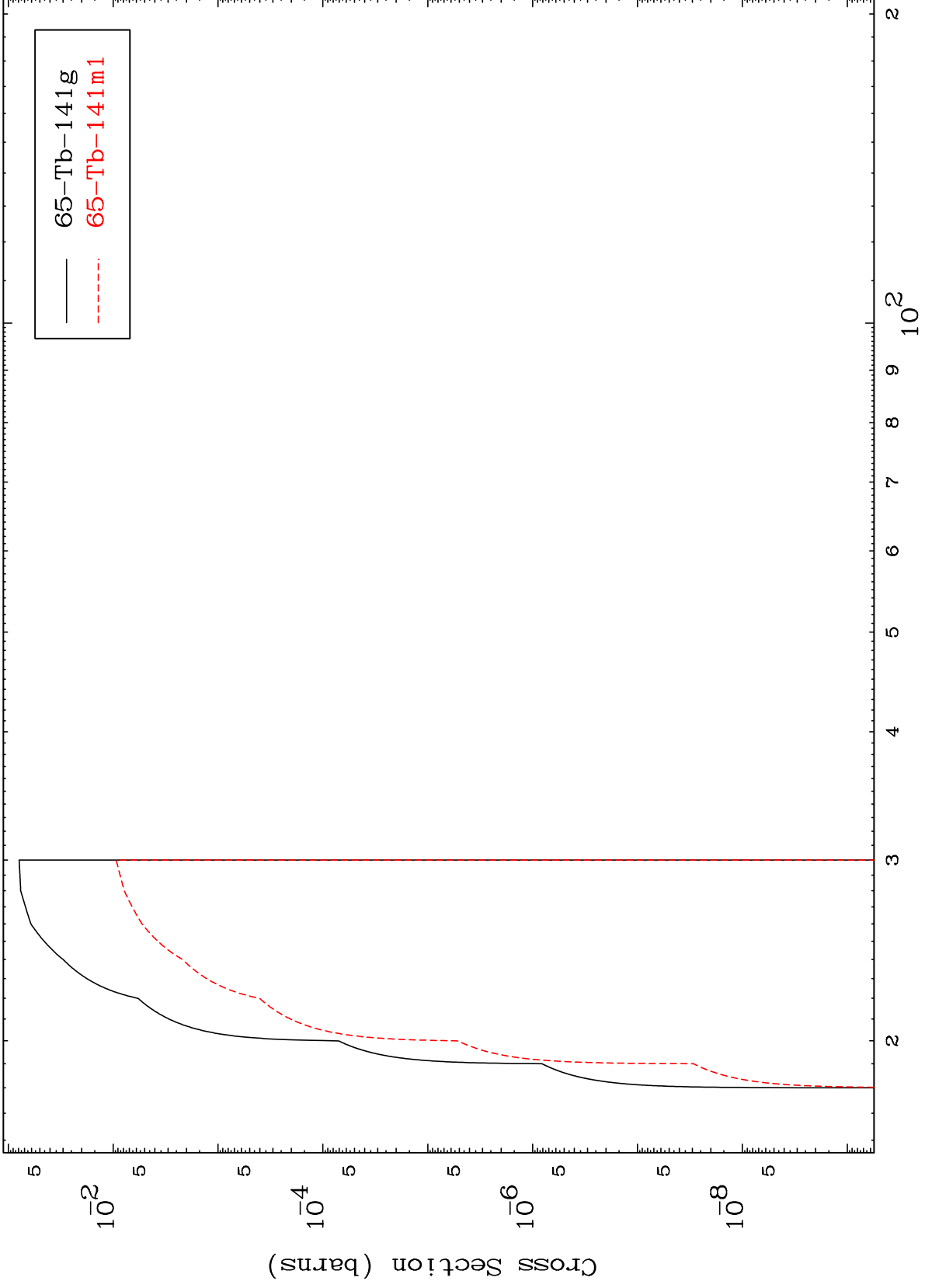
64-Gd-139

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(α, n') p

64-Gd-139

Radionuclide Production Cross Section



11

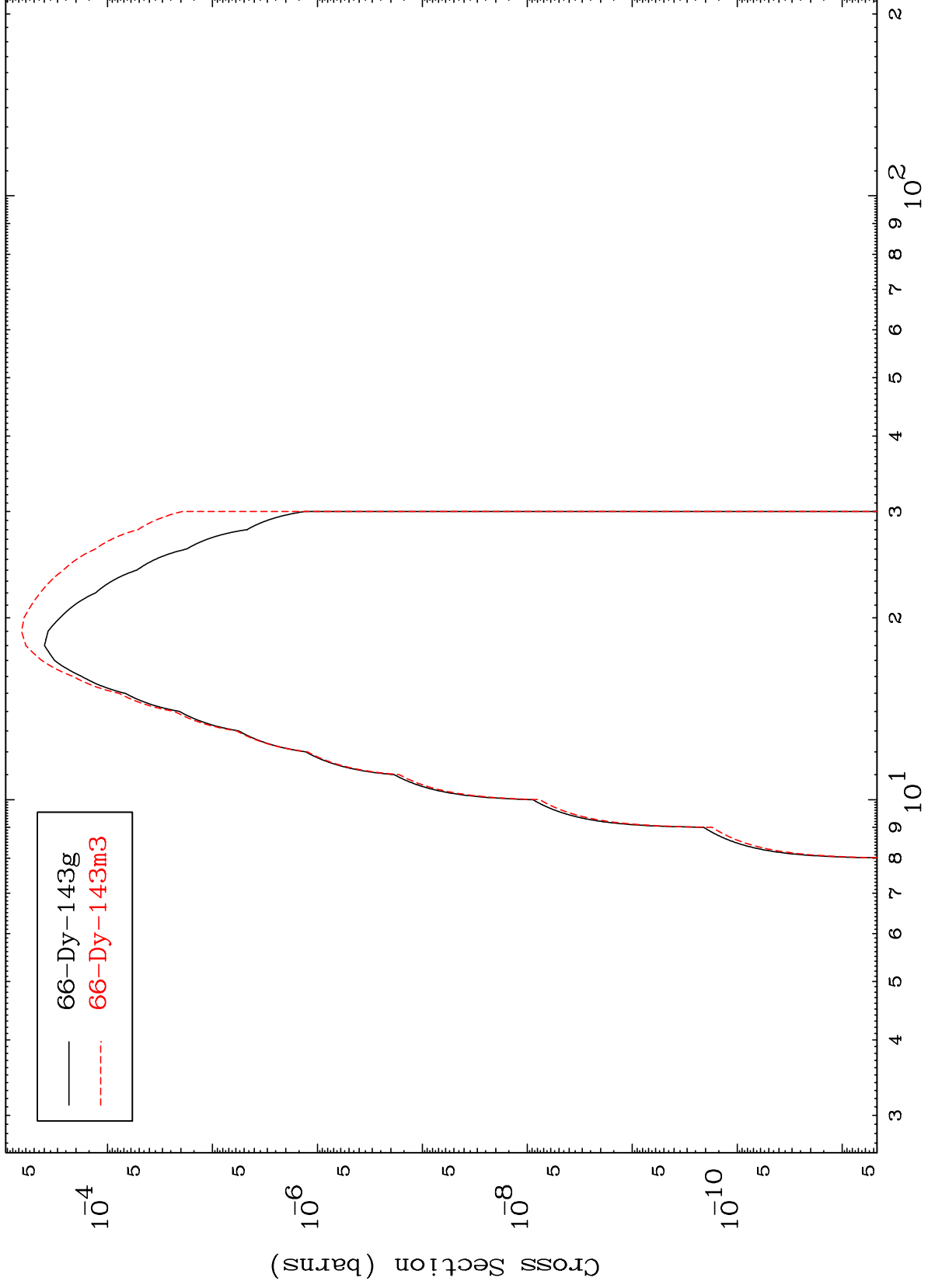
Incident Energy (MeV)

64-Gd-139

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64-Gd-139

Radionuclide Production Cross Section
(α, γ)



12

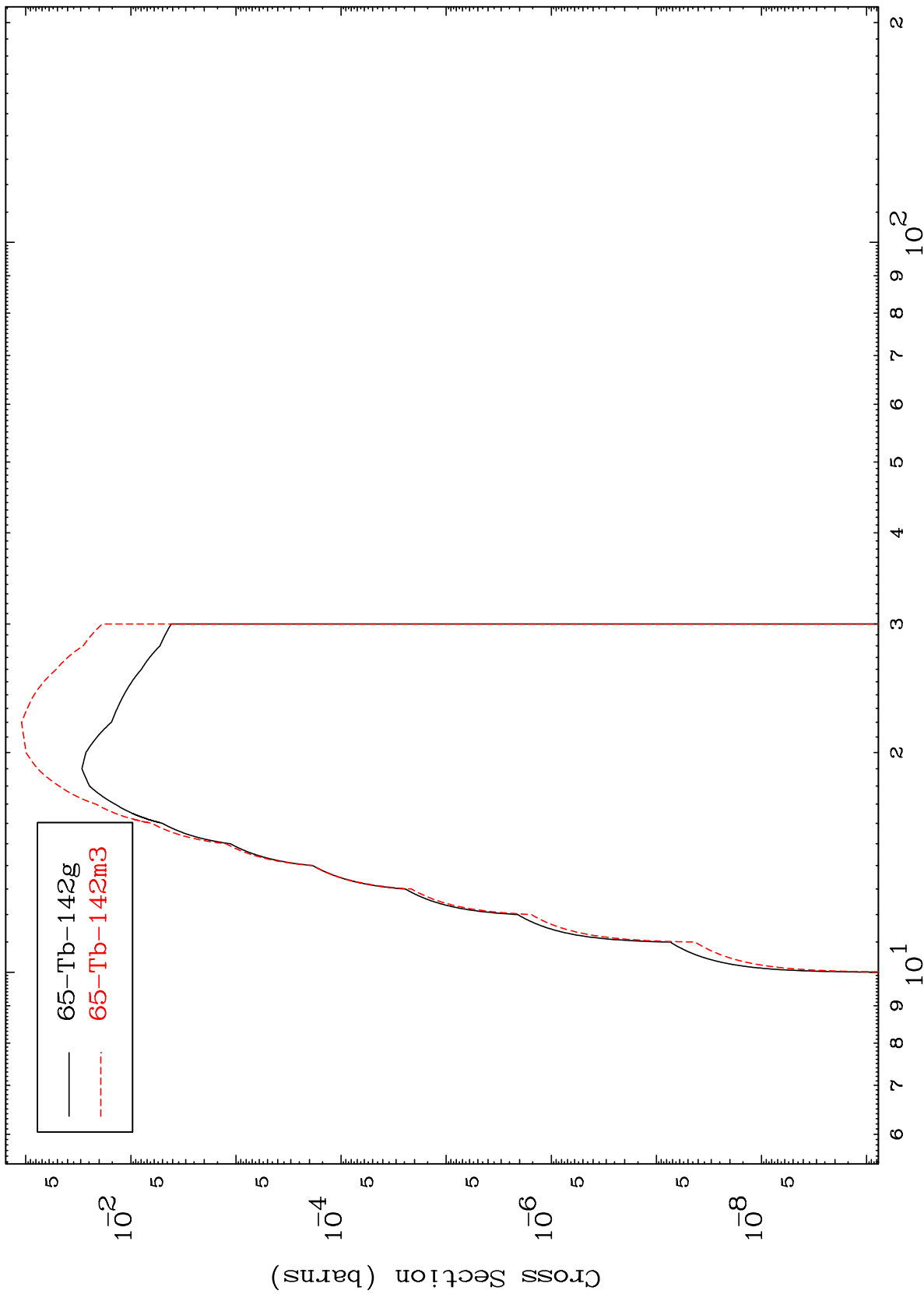
Incident Energy (MeV)

64-Gd-139

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64-Gd-139

(α, p)
Radionuclide Production Cross Section



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

64-Gd-139

Incident Energy (MeV)

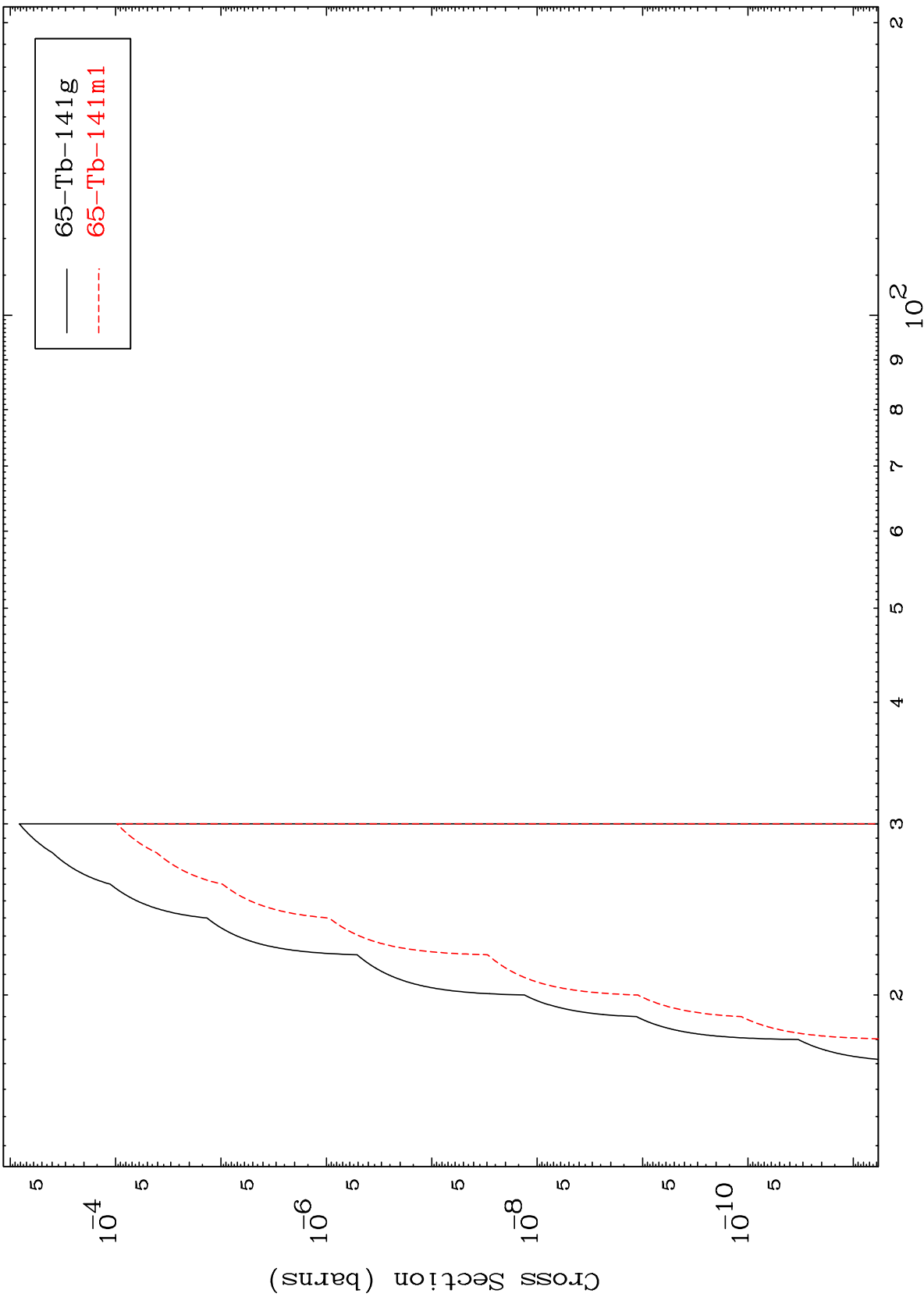
13

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(α, d)

64-Gd-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

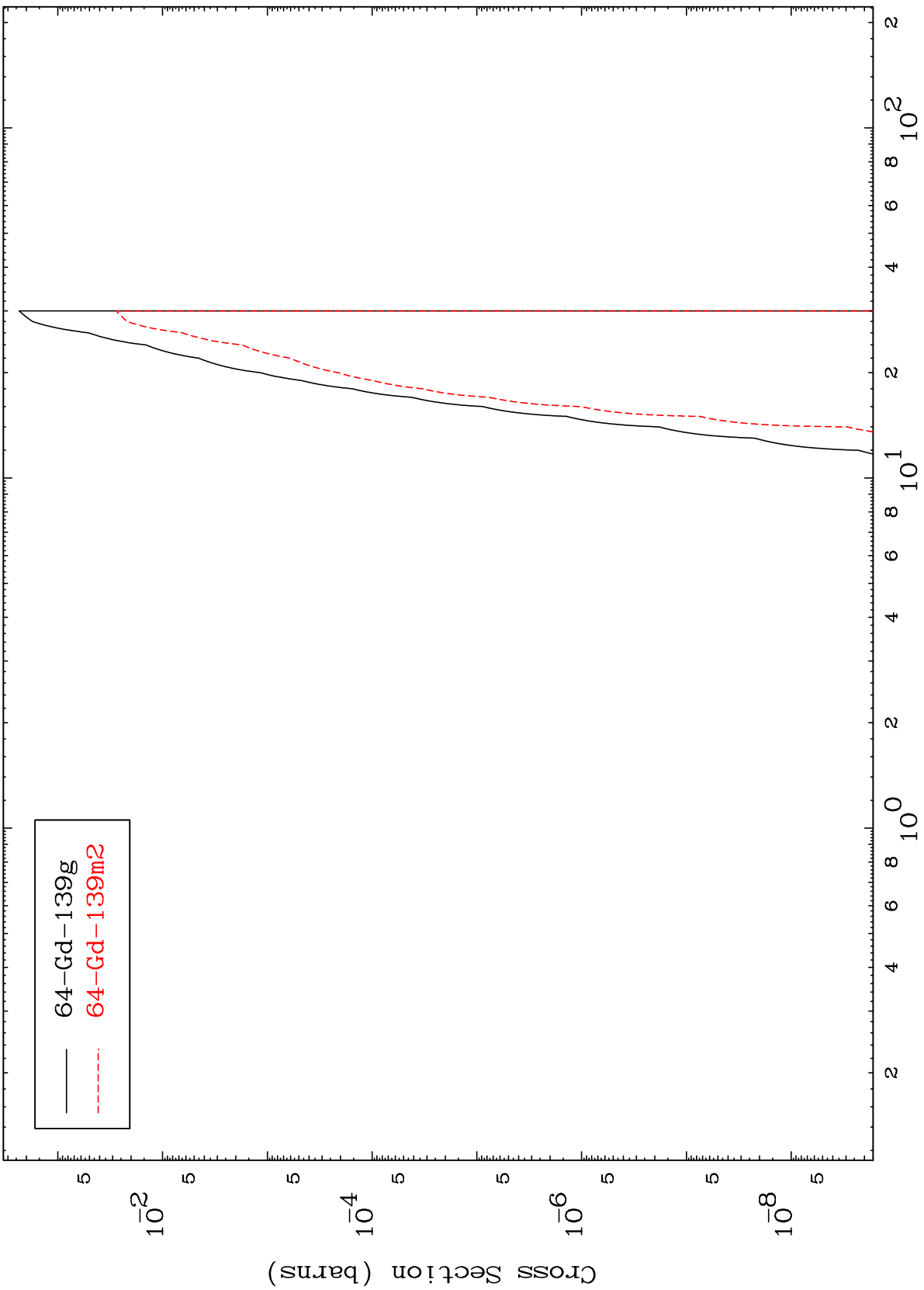
64-Gd-139

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(α, α)

$^{64}\text{Gd}-139$

Radionuclide Production Cross Section



15

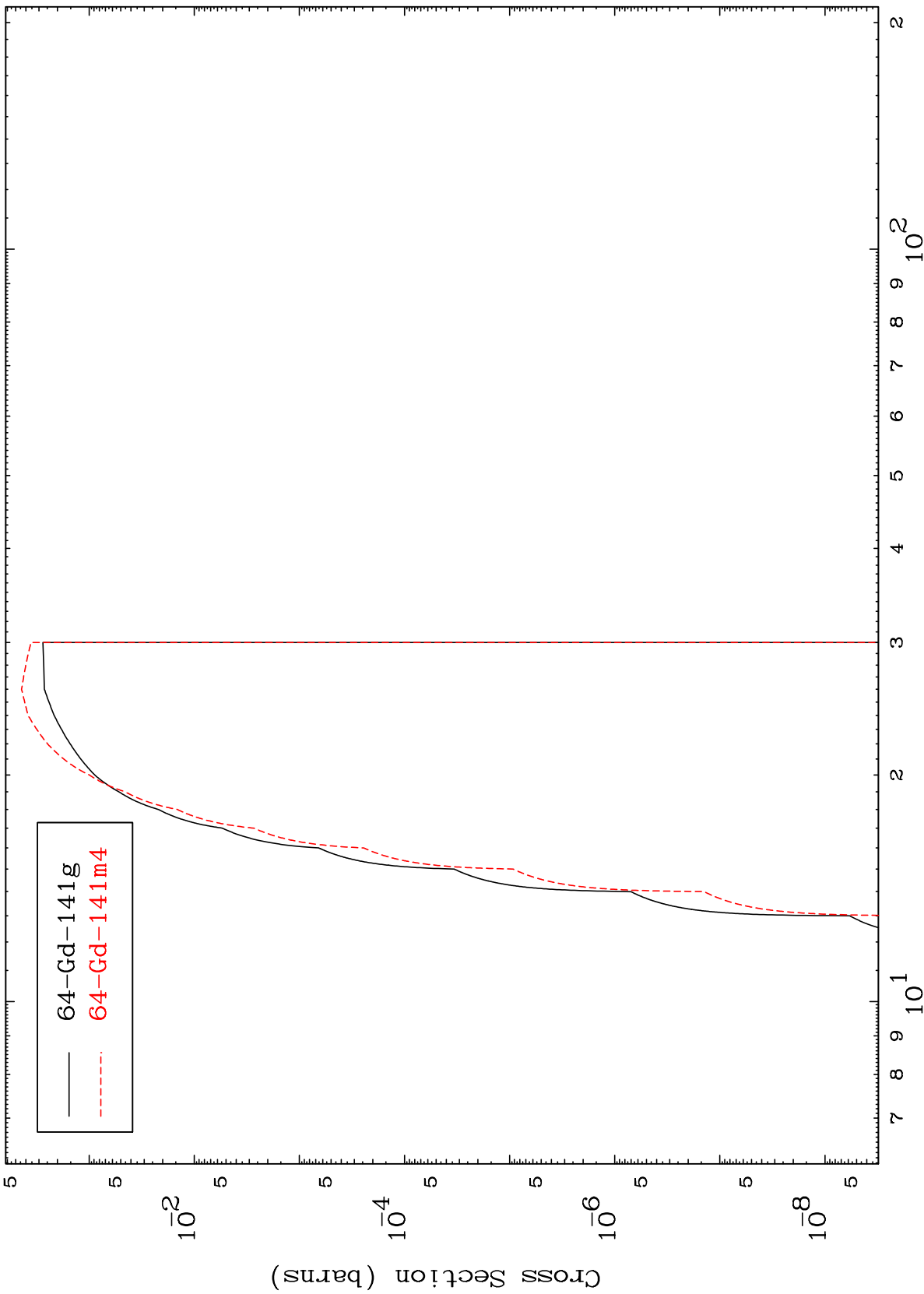
Incident Energy (MeV)

$^{64}\text{Gd}-139$

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64-Gd-139

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



16

Incident Energy (MeV)

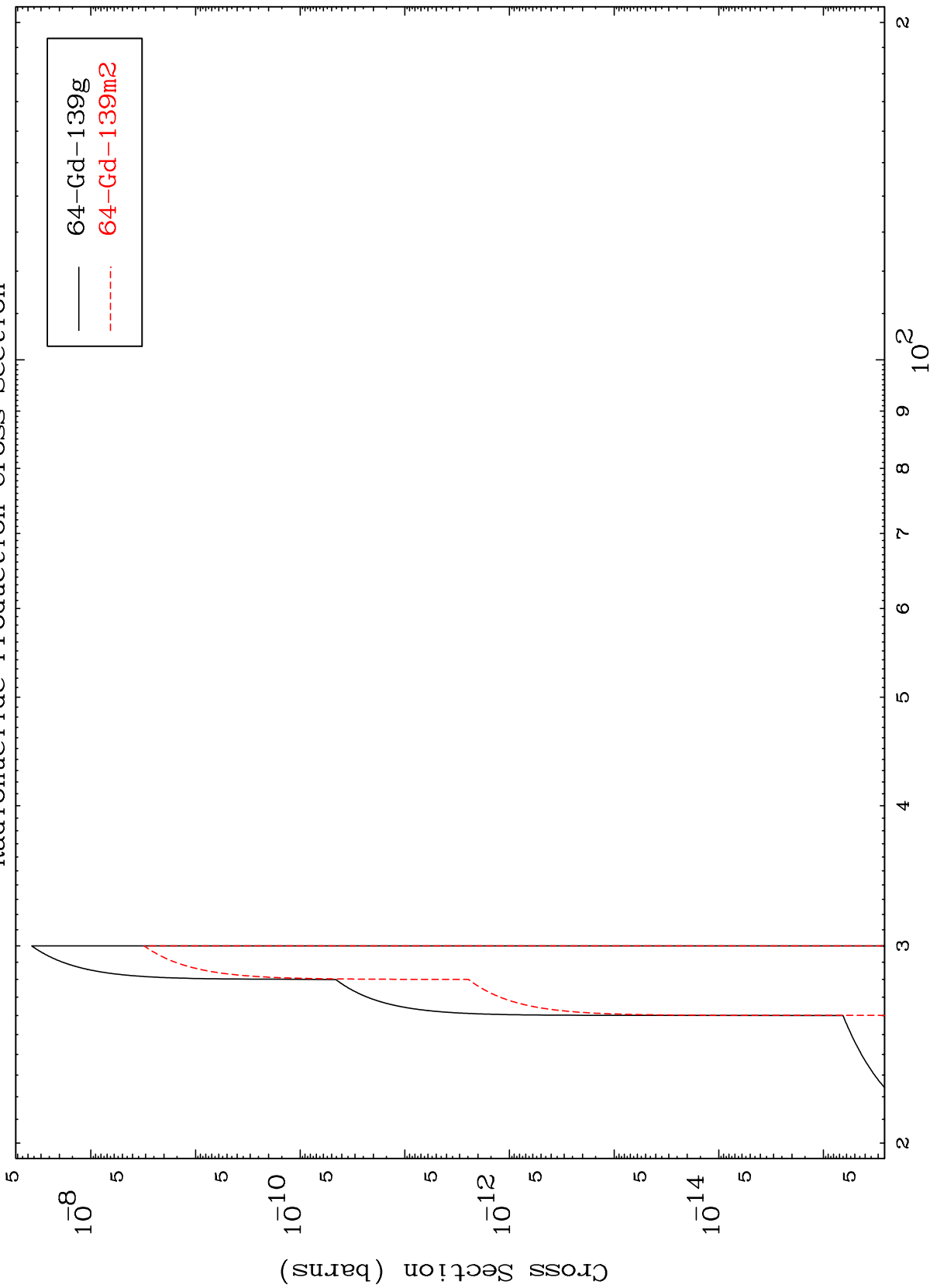
64-Gd-139

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(α, p) t

64-Gd-139

Radionuclide Production Cross Section



17

Incident Energy (MeV)

64-Gd-139