

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

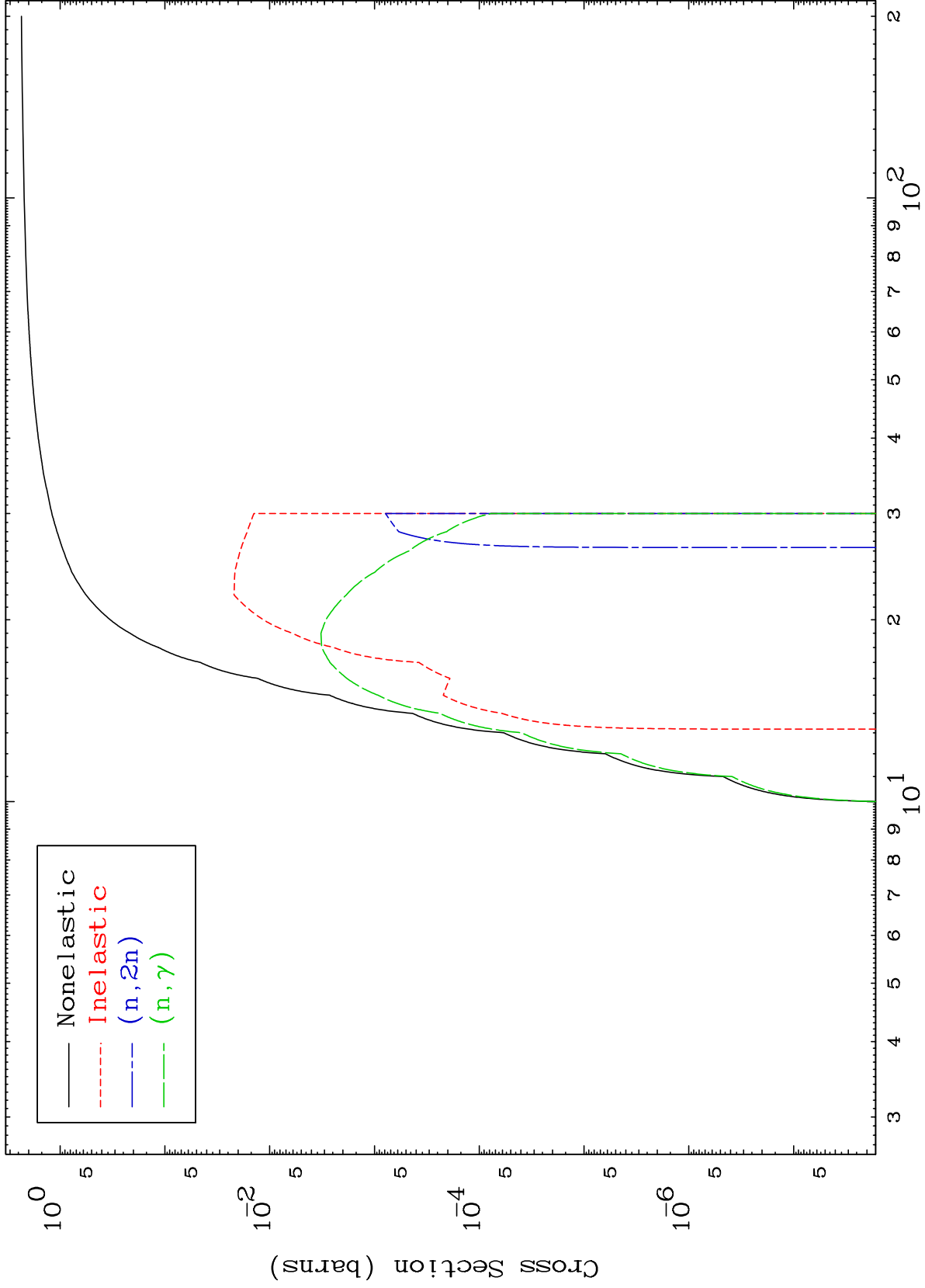
Press Mouse Button to Start

MAT 6387

0 Kelvin Cross Sections

α Major

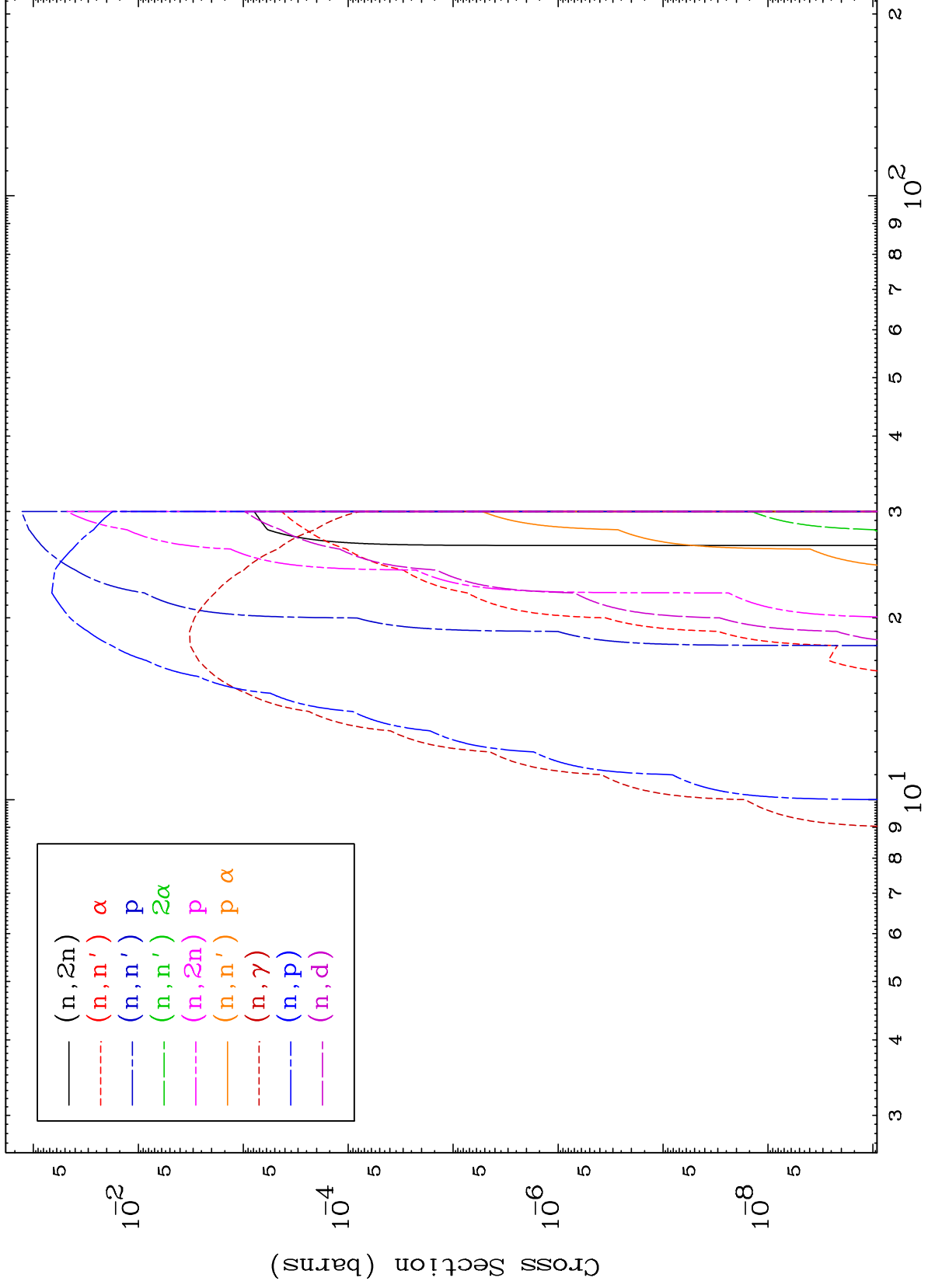
64-Gd-139m



1

Incident Energy (MeV)

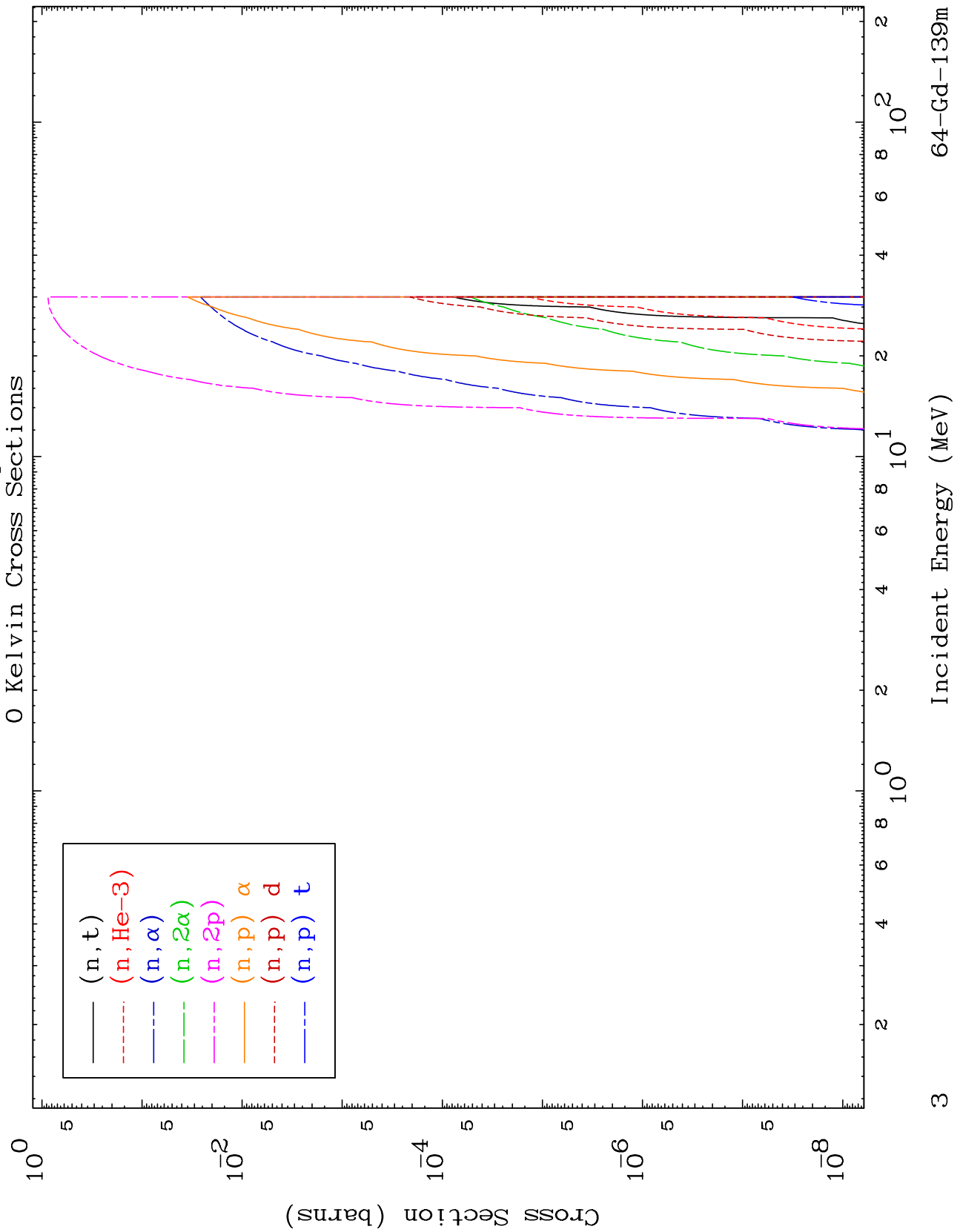
64-Gd-139m



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α Neutron Absorption

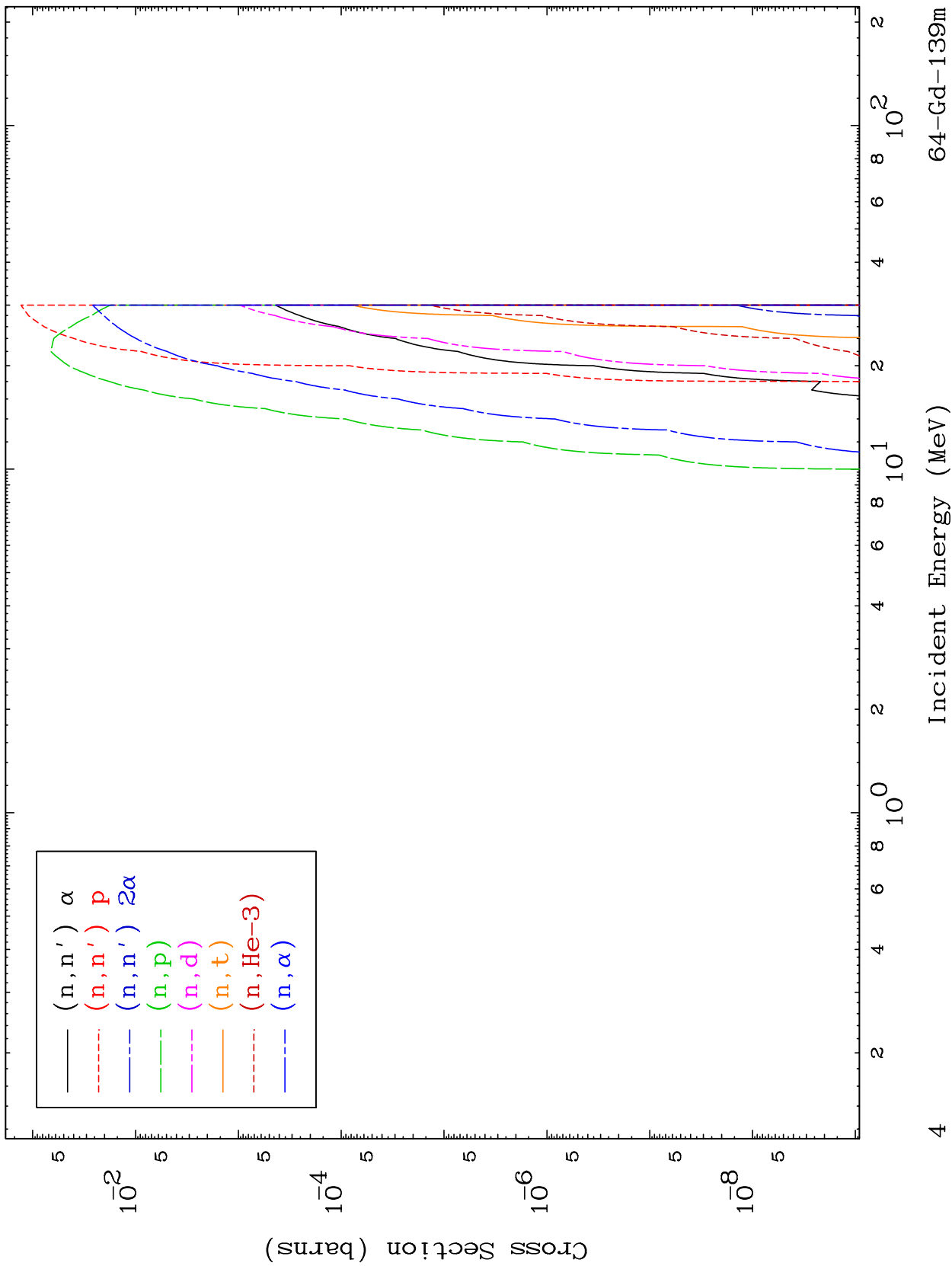
64-Gd-139m



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α Charged Particle
0 Kelvin Cross Sections

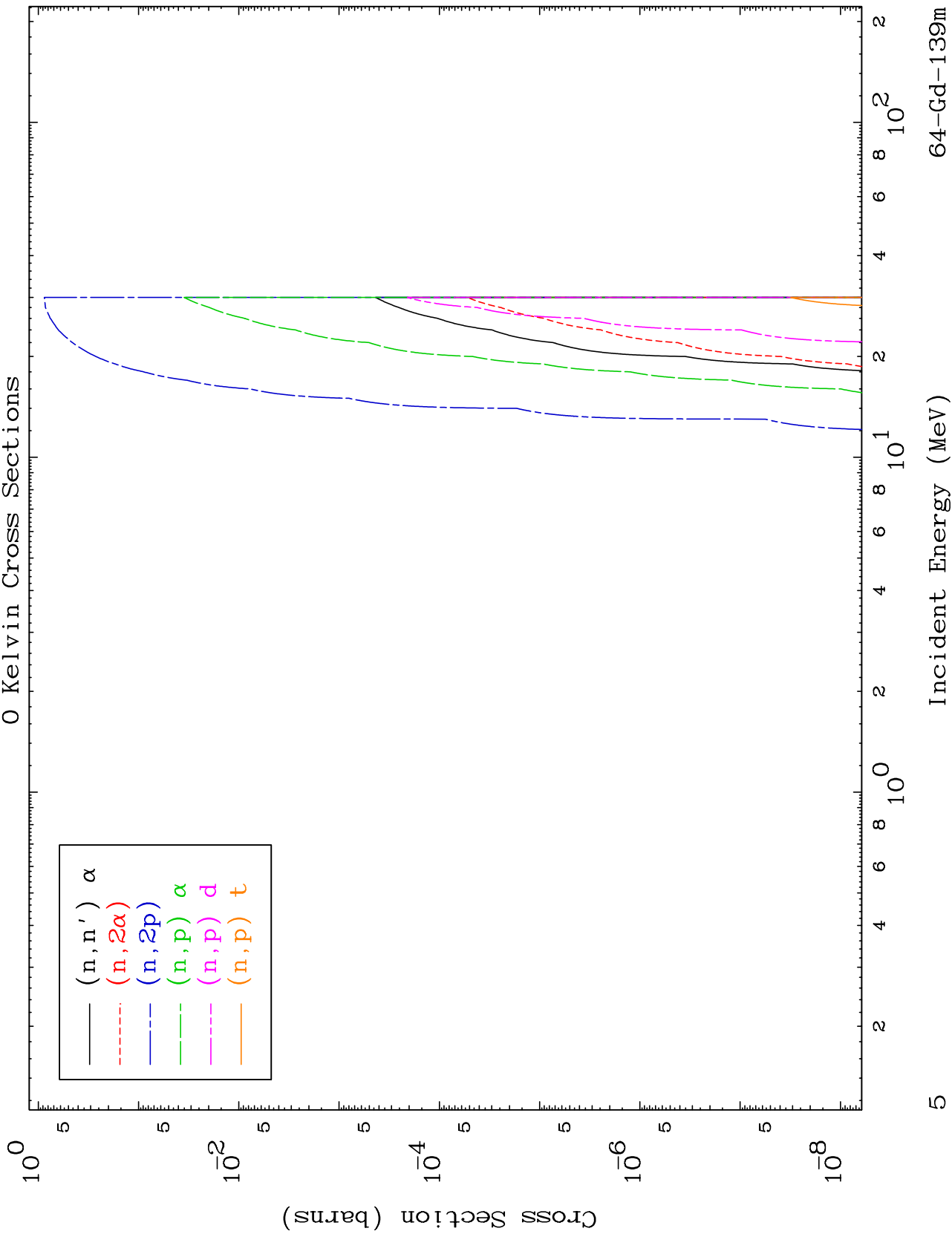
64-Gd-139m



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α Charged Particle
0 Kelvin Cross Sections

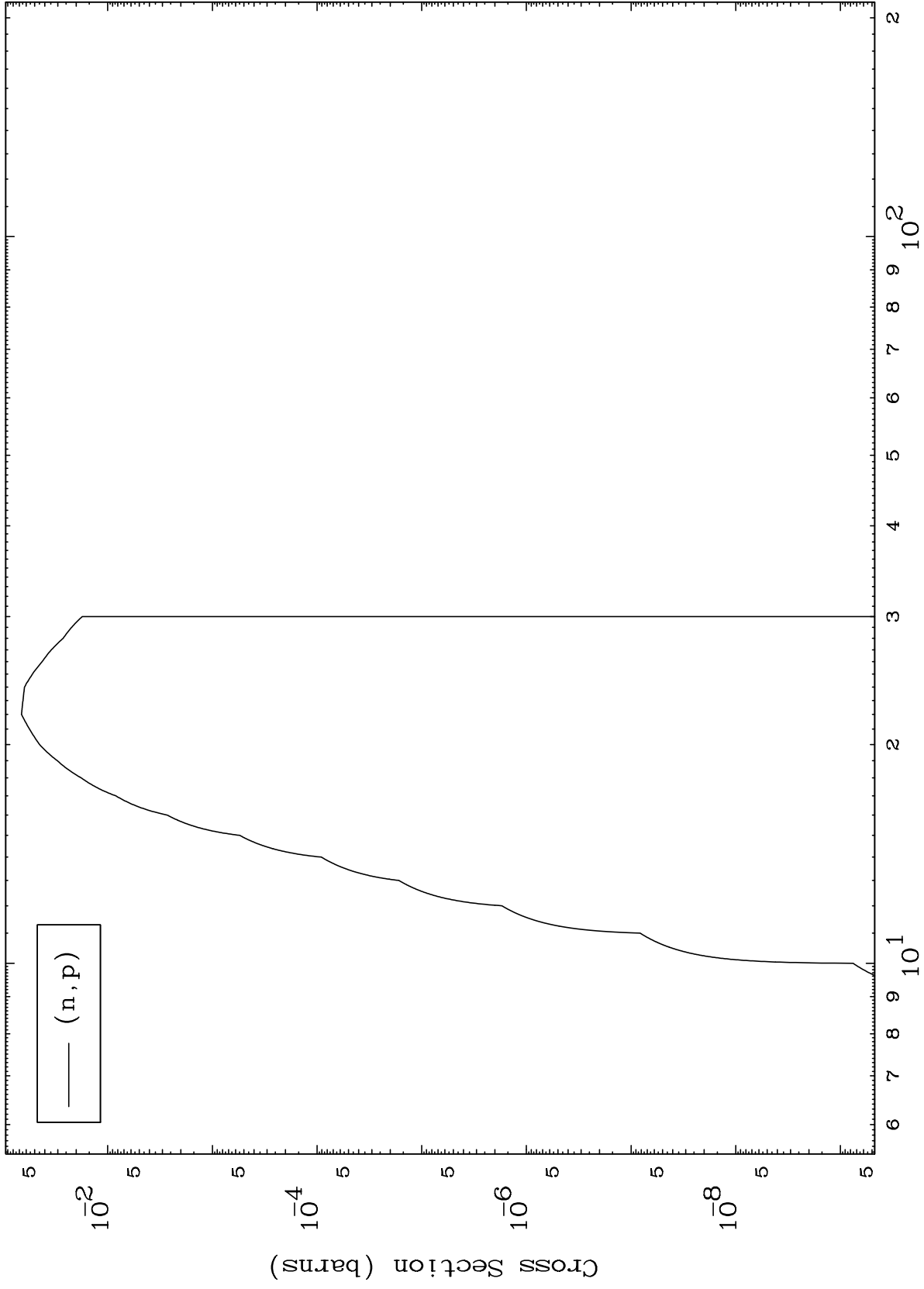
64-Gd-139m



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(α, p) Levels
0 Kelvin Cross Sections

64-Gd-139m



6

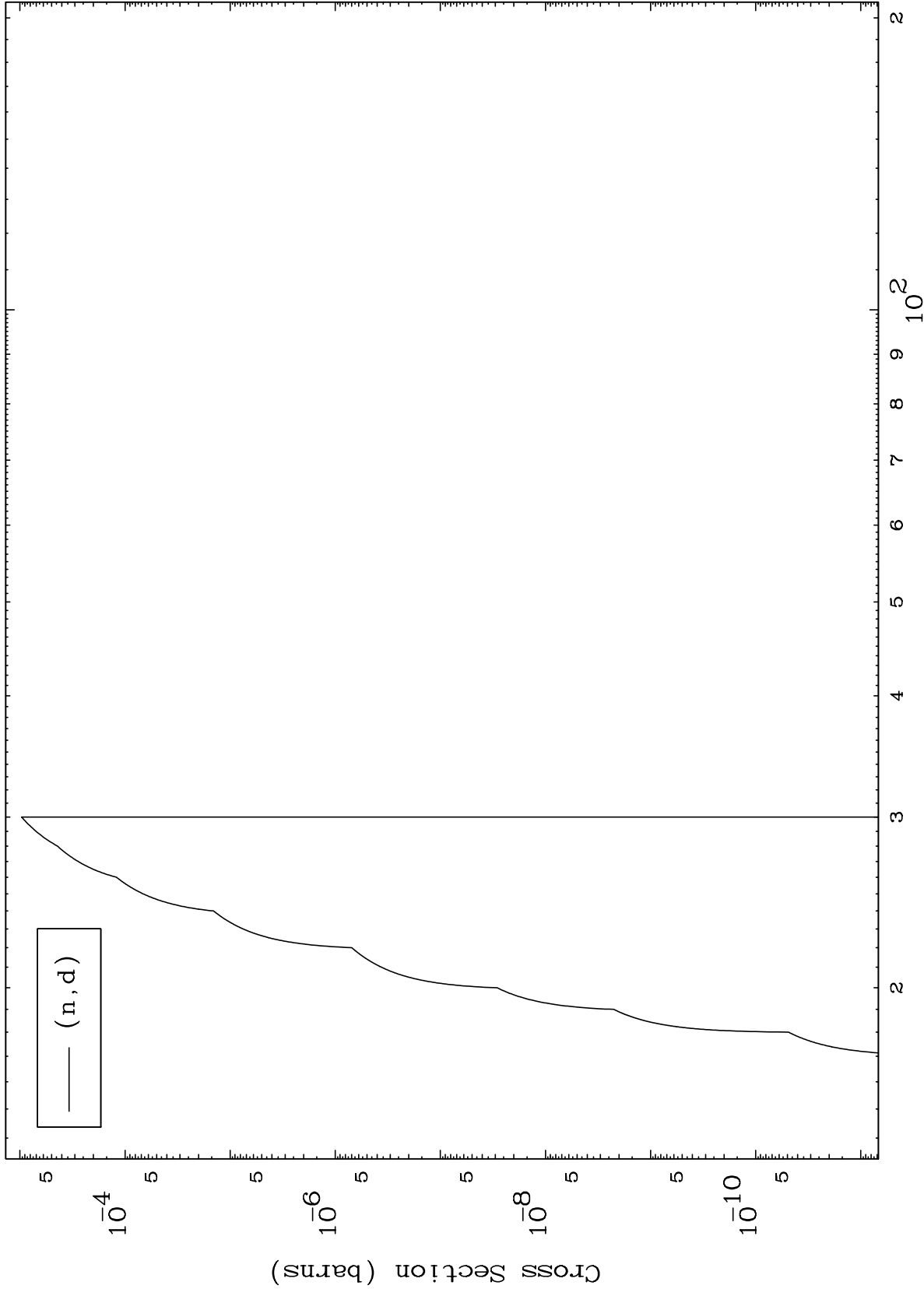
Incident Energy (MeV)

64-Gd-139m

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(α, d) Levels
0 Kelvin Cross Sections

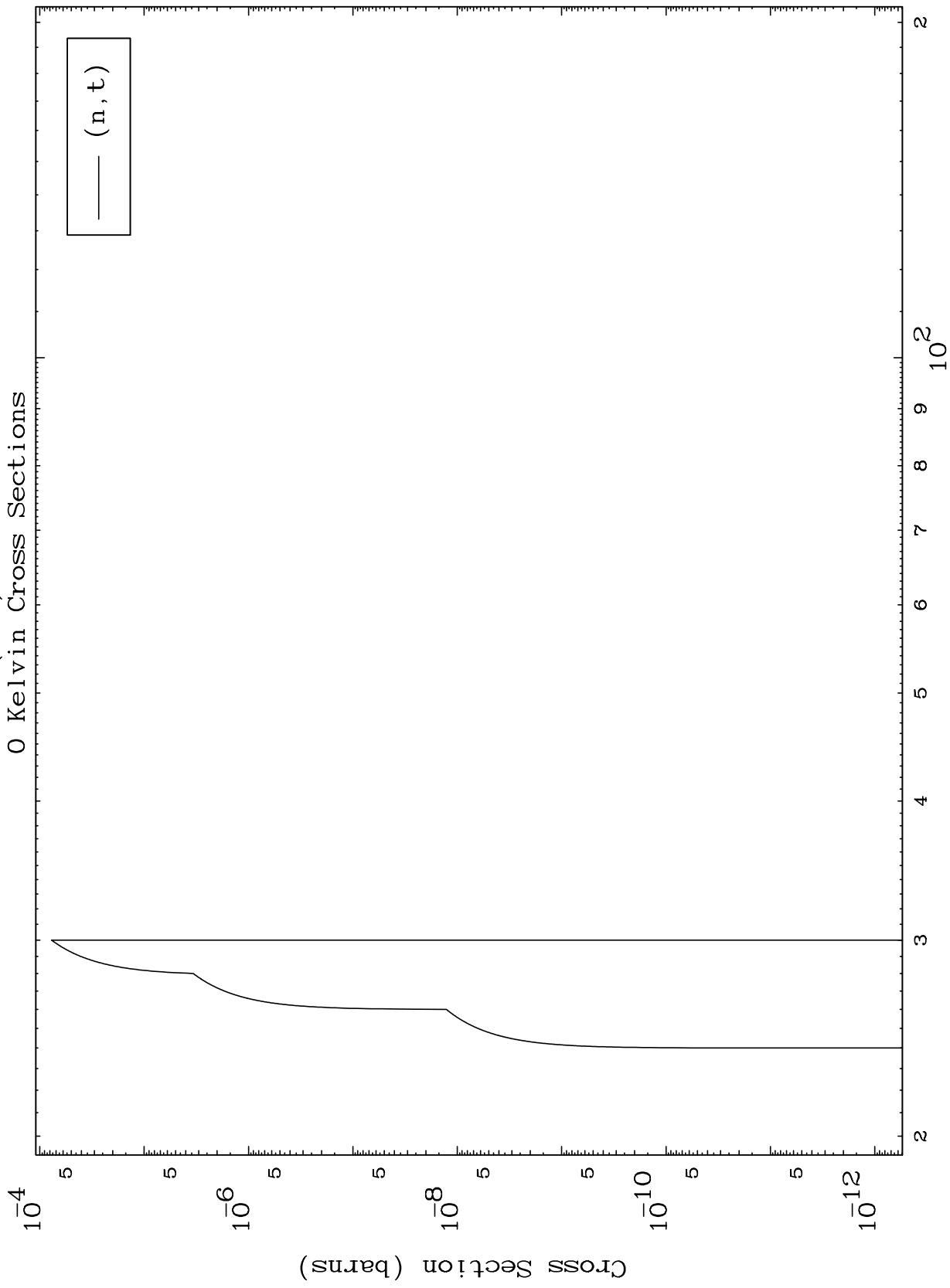
64-Gd-139m



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64-Gd-139m

(α, t) Levels
0 Kelvin Cross Sections



64-Gd-139m

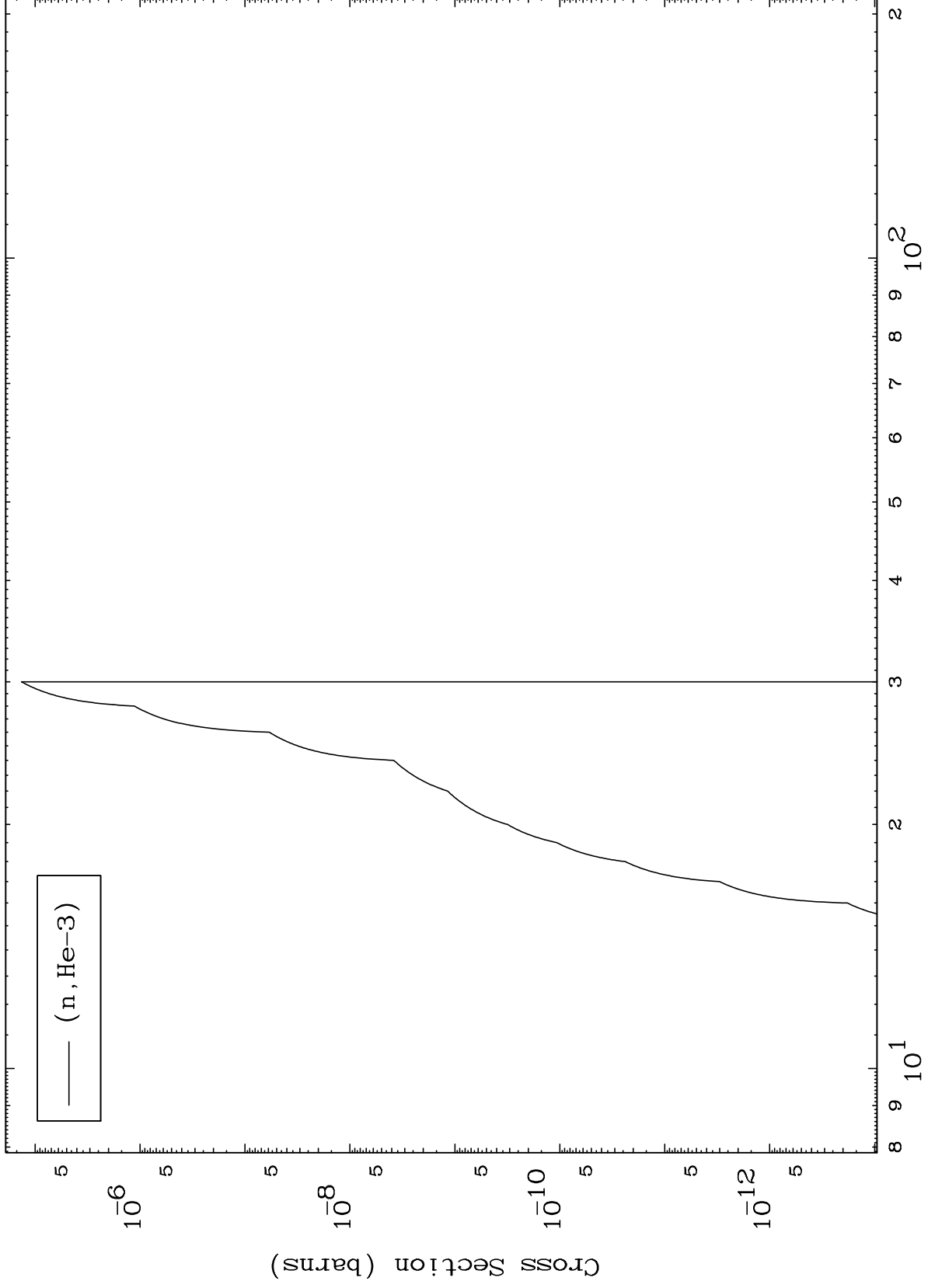
Incident Energy (MeV)

8

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

64-Gd-139m



9

Incident Energy (MeV)

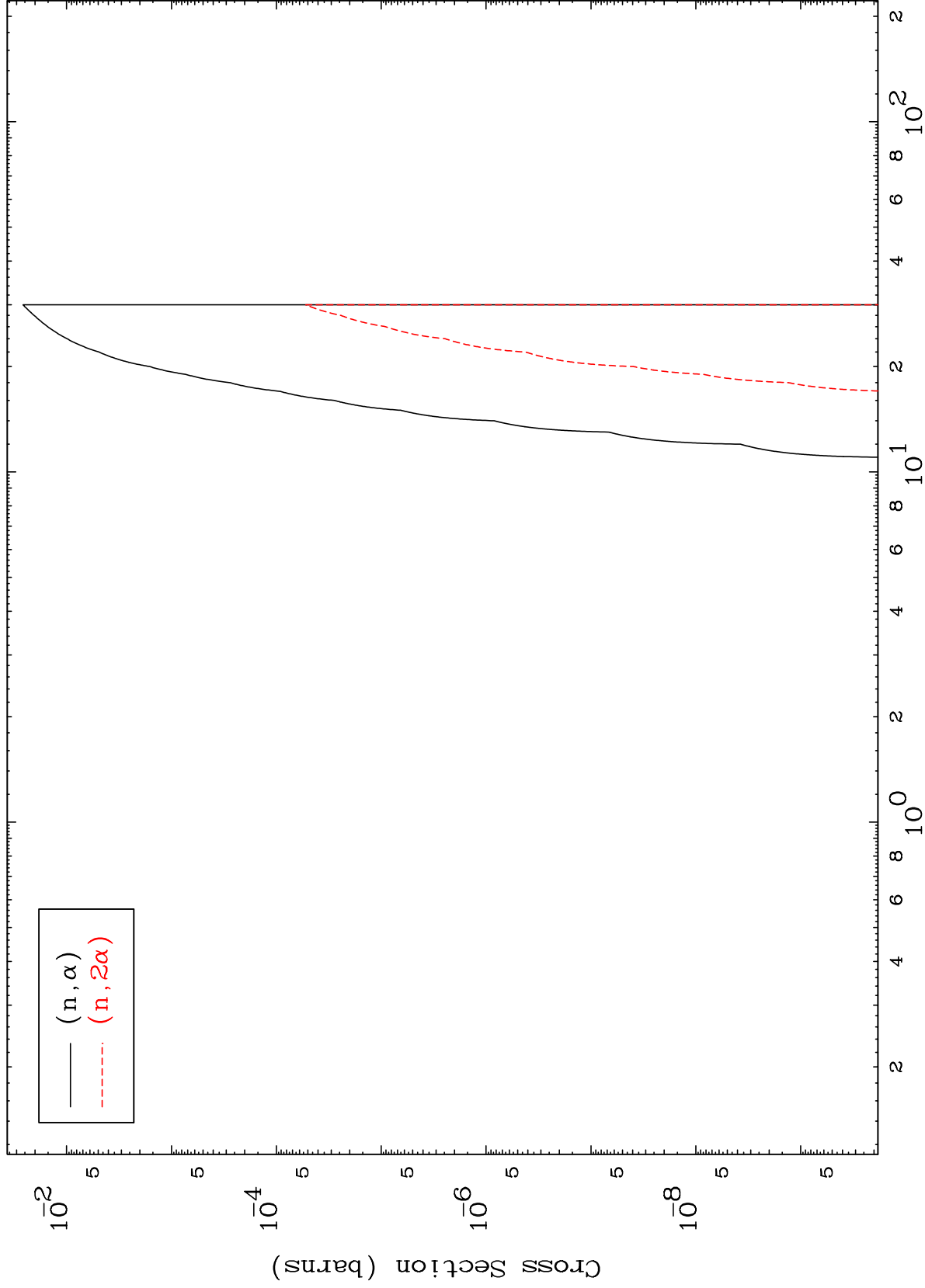
64-Gd-139m

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(α, α) Levels

64-Gd-139m

0 Kelvin Cross Sections



10

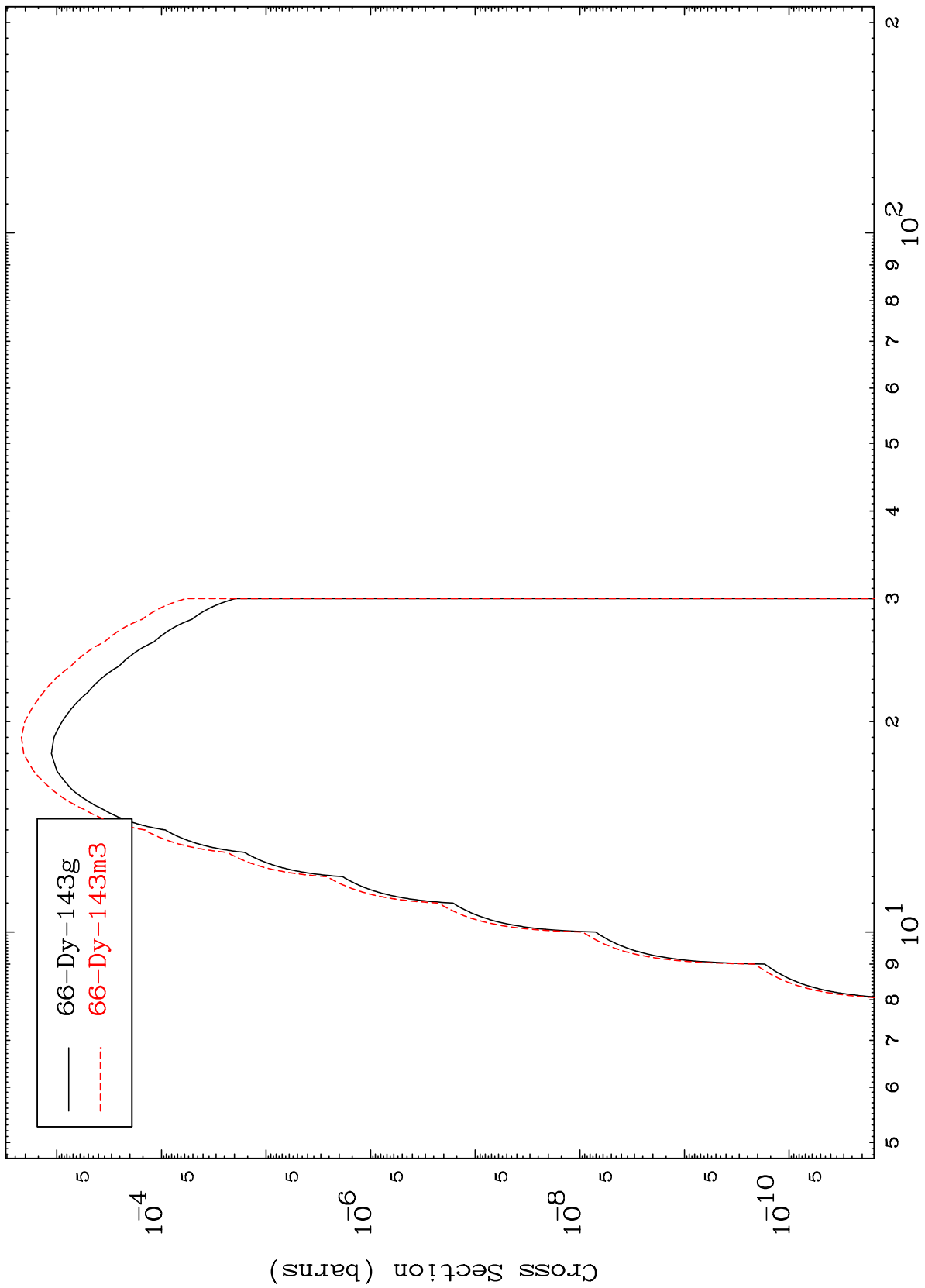
Incident Energy (MeV)

64-Gd-139m

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64-Gd-139m

Radionuclide Production Cross Section (n,γ)



11

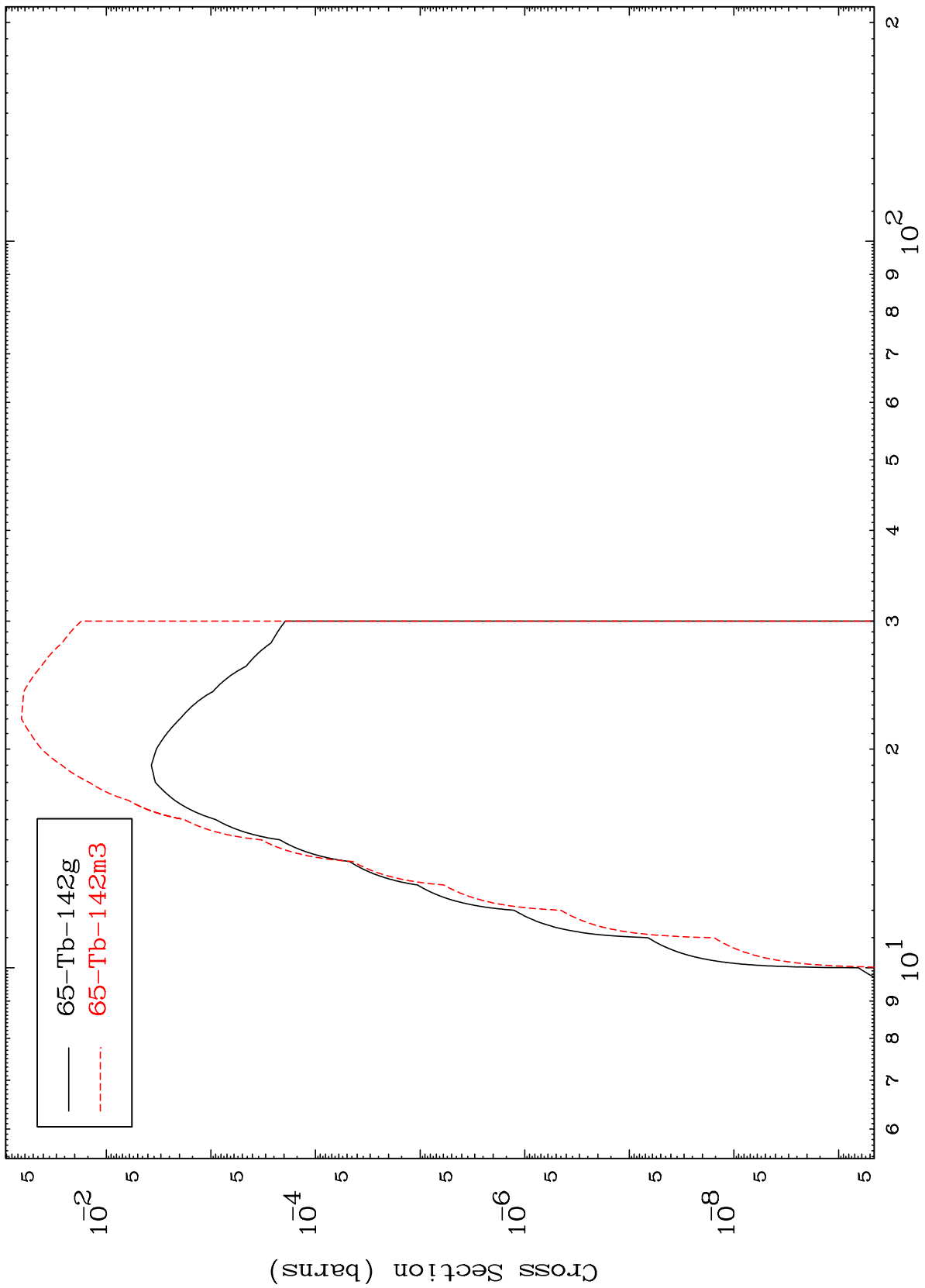
Incident Energy (MeV)

64-Gd-139m

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64-Gd-139m

(n,p)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

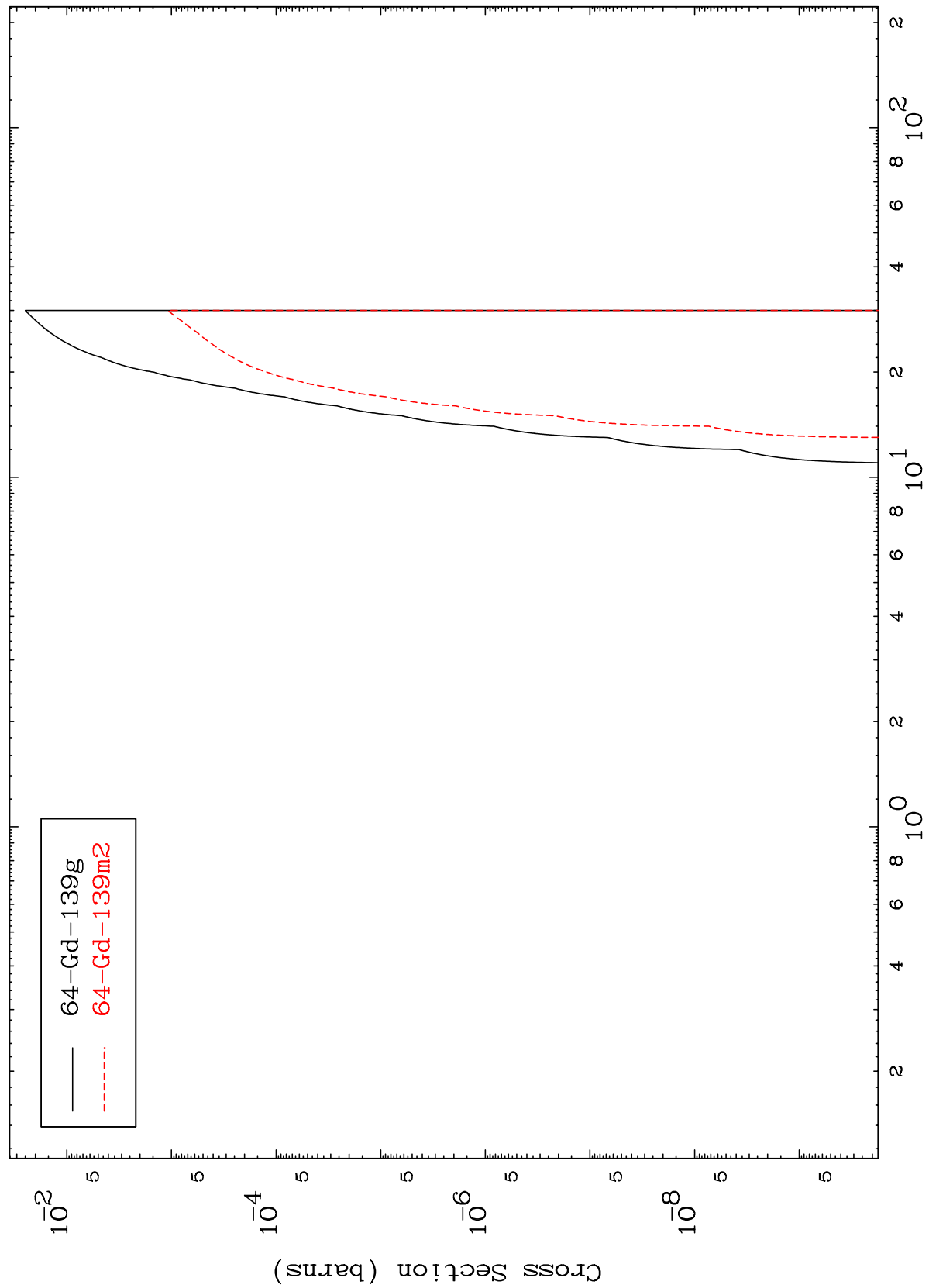
64-Gd-139m

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(n, α)

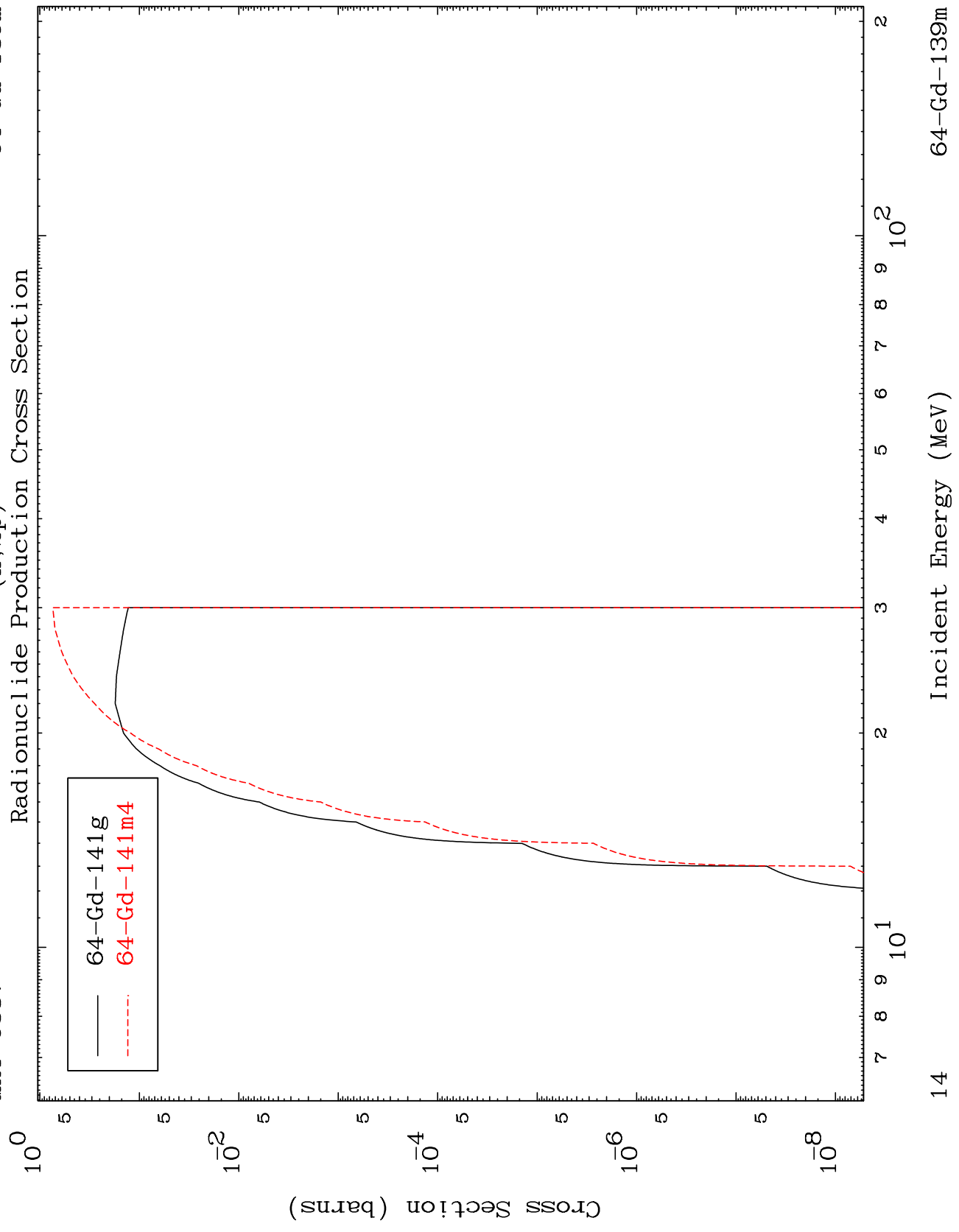
64-Gd-139m

Radionuclide Production Cross Section



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64-Gd-139m

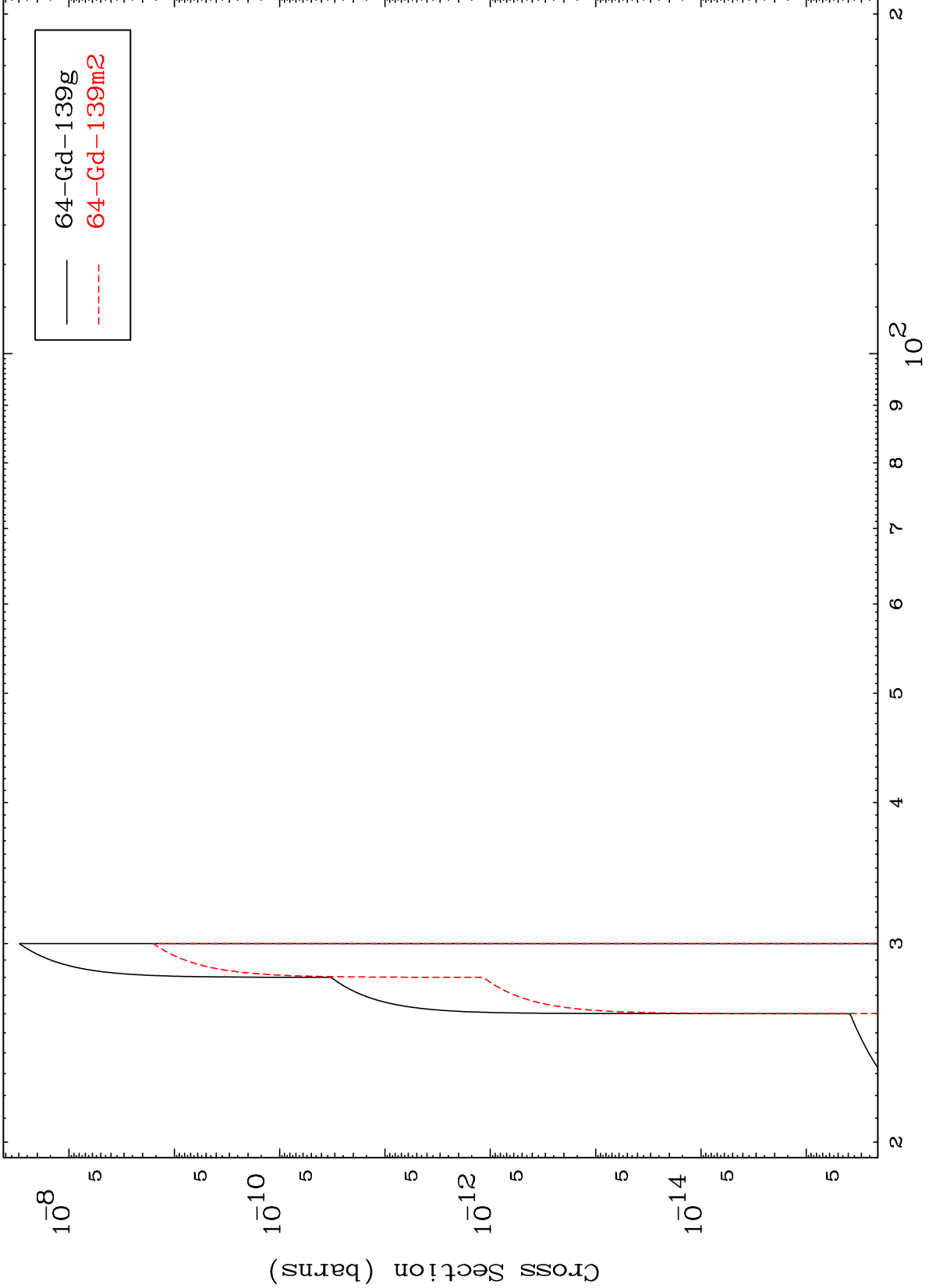


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(n,p) t

64-Gd-139m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-139m