

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

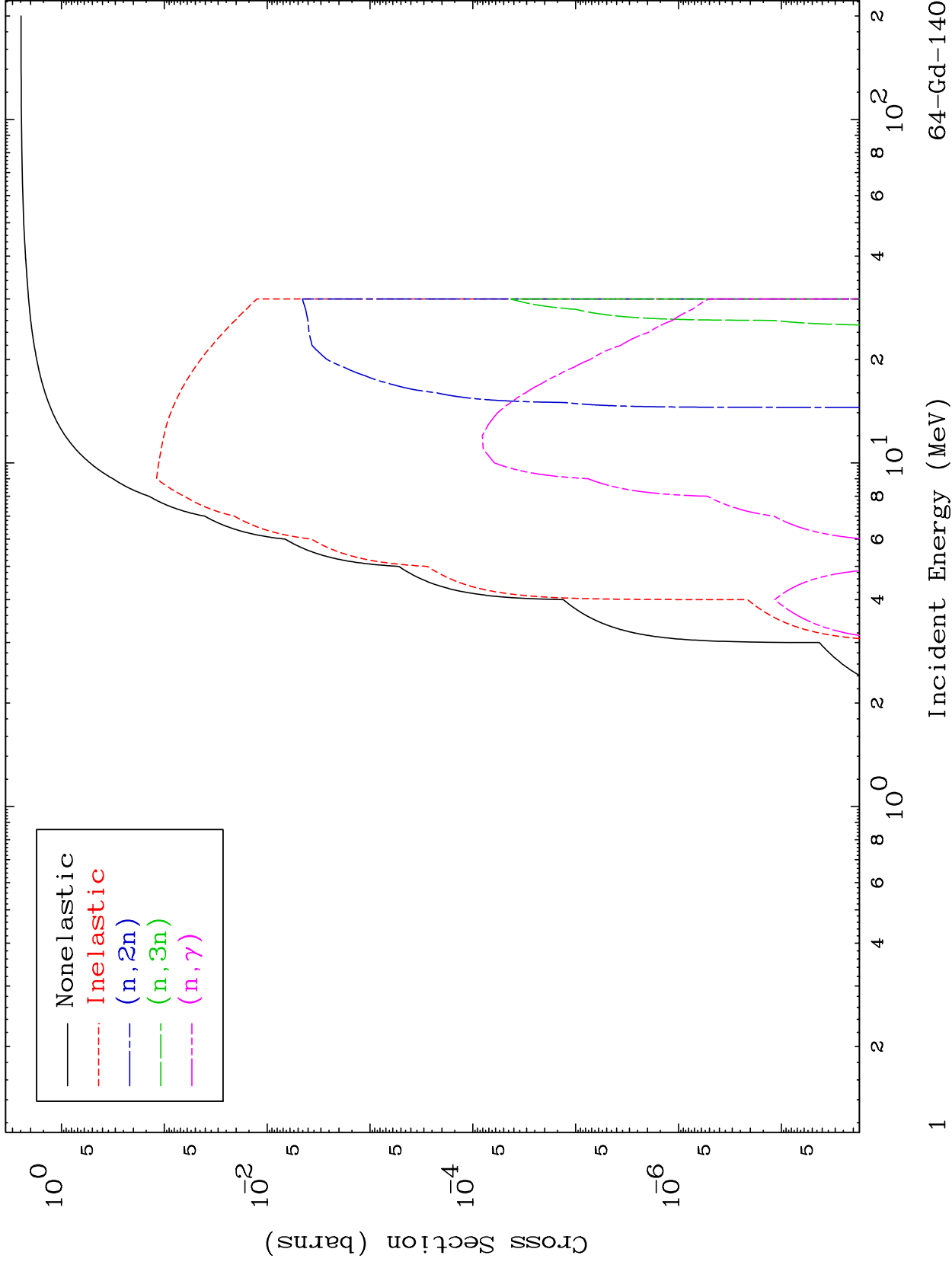
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

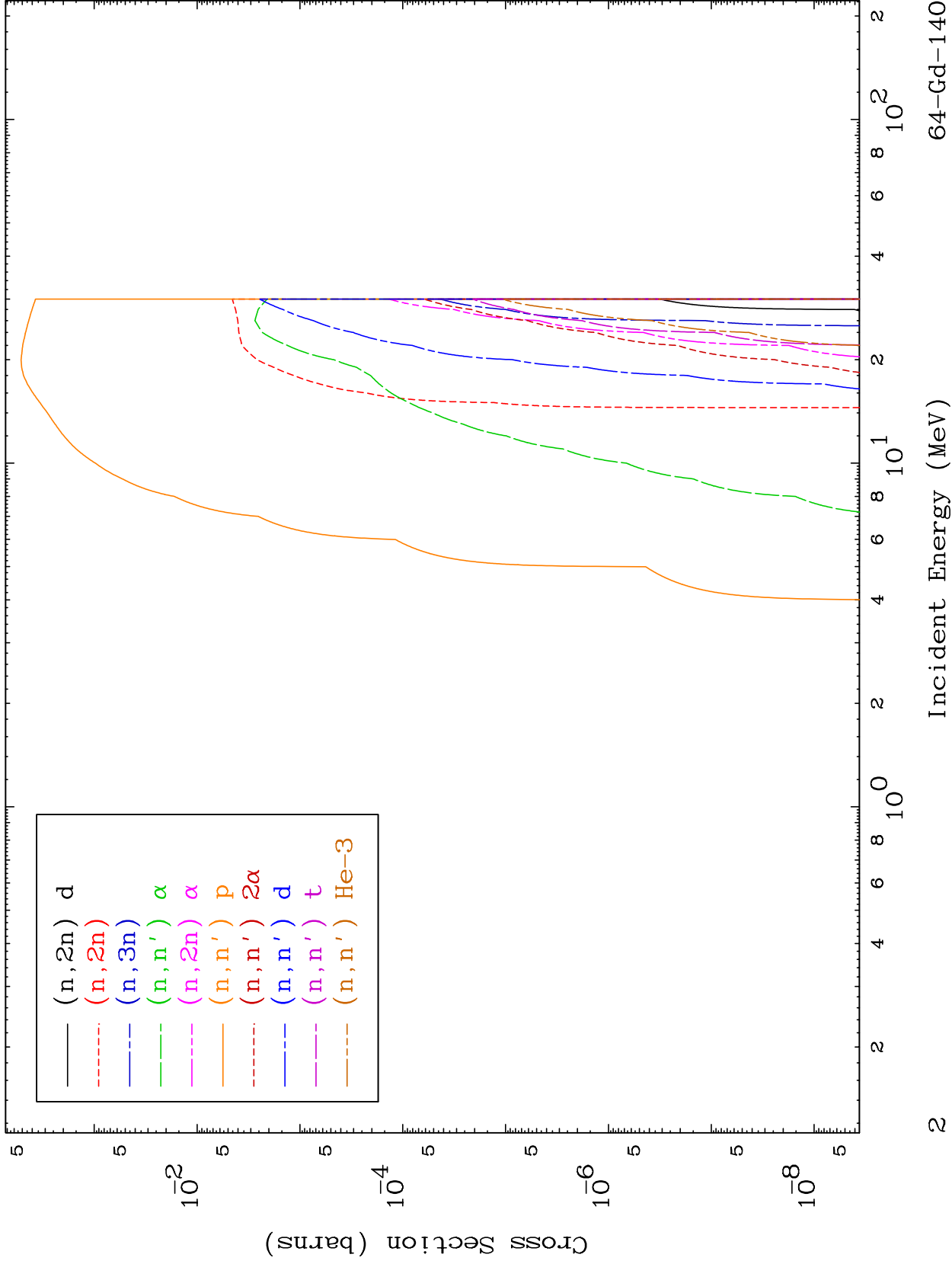
Tele: 925-443-1911

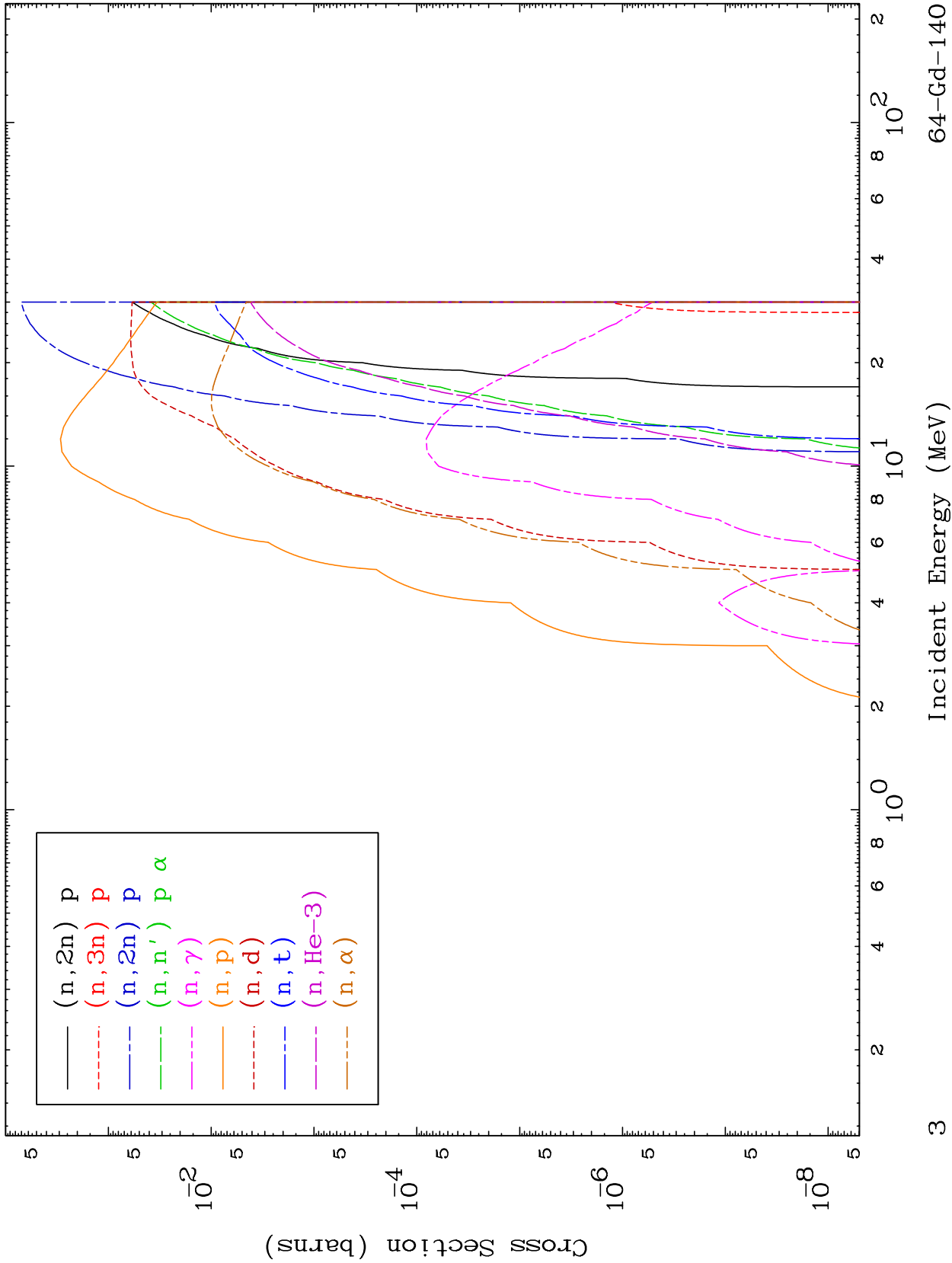
E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



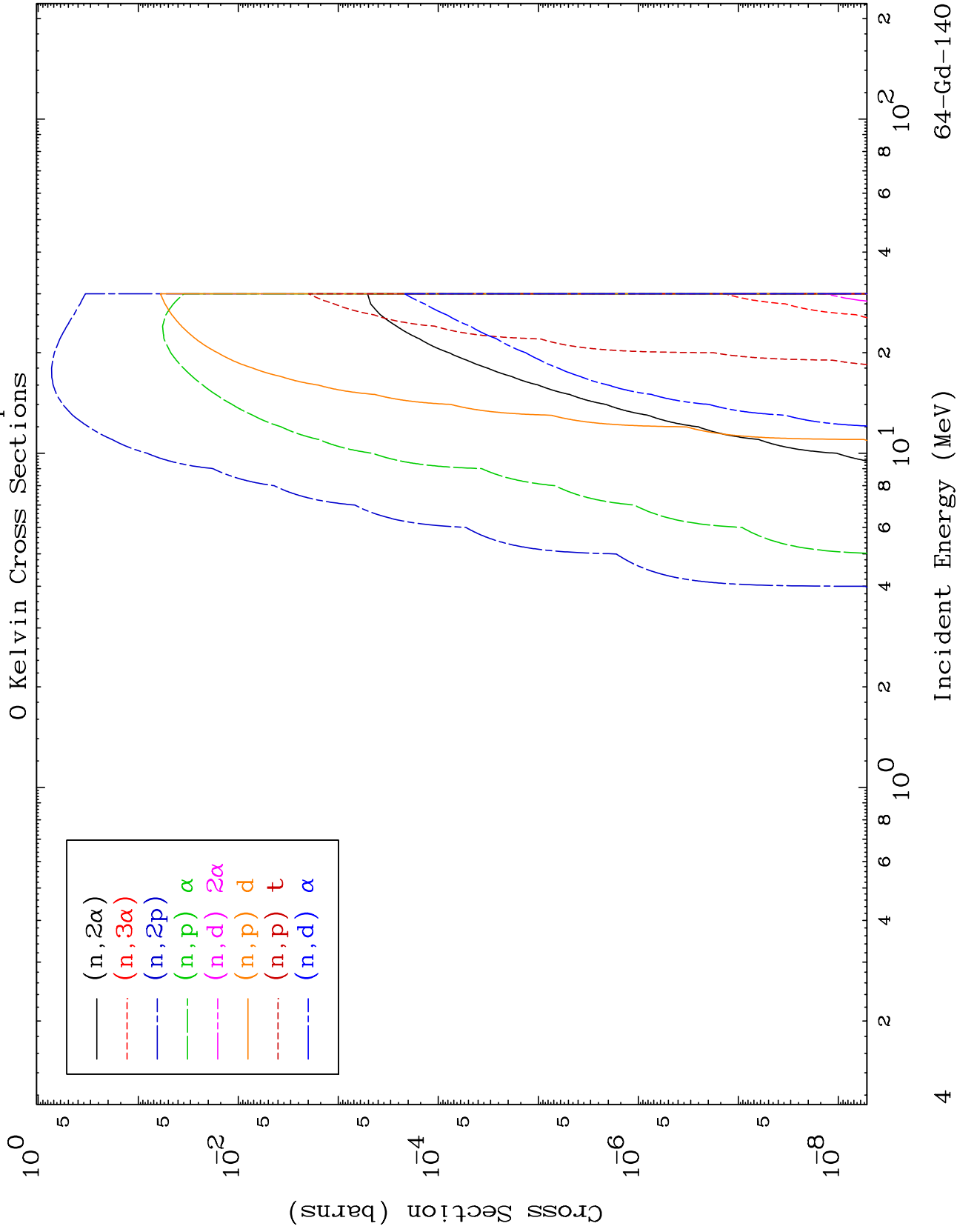


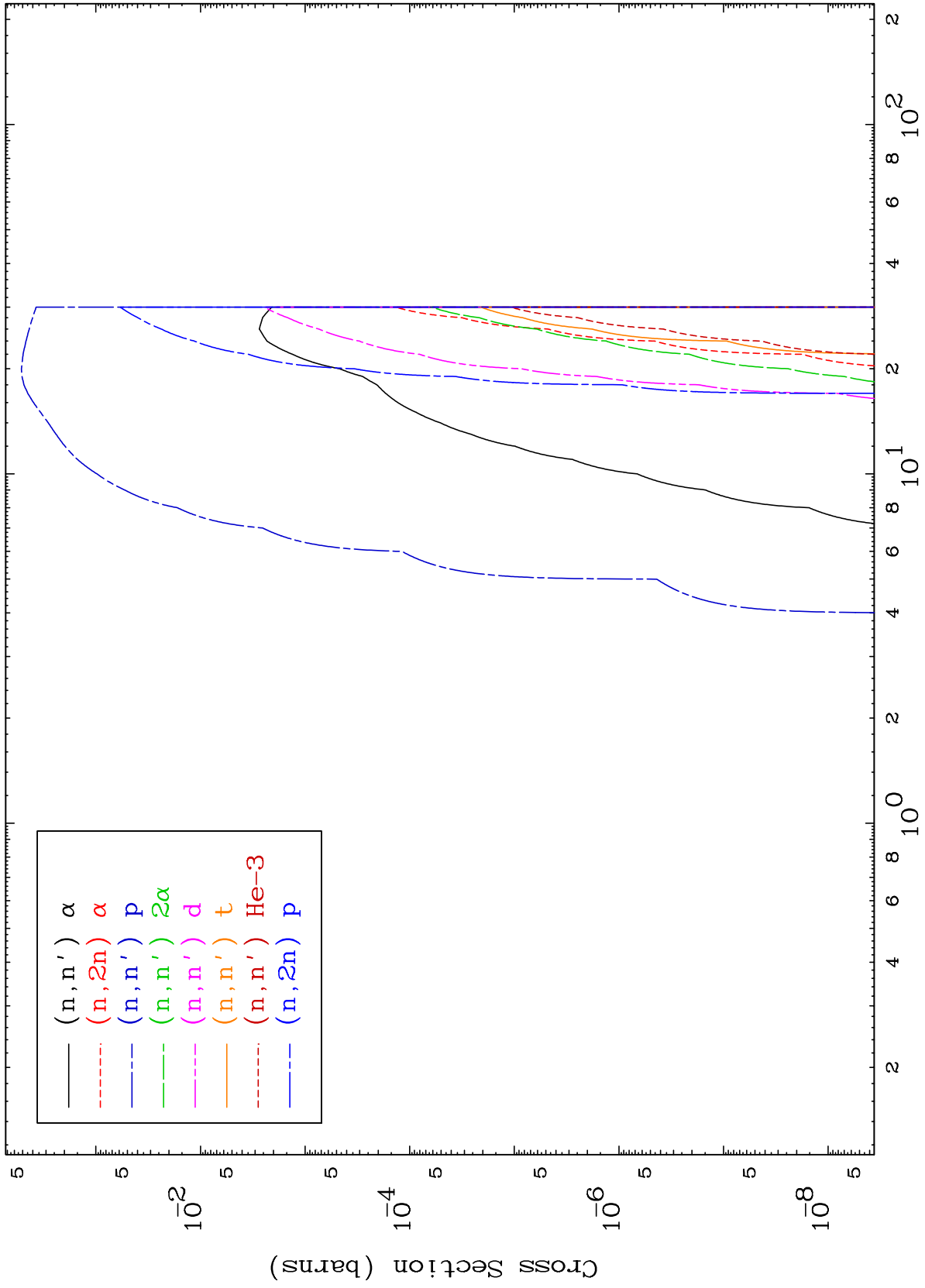


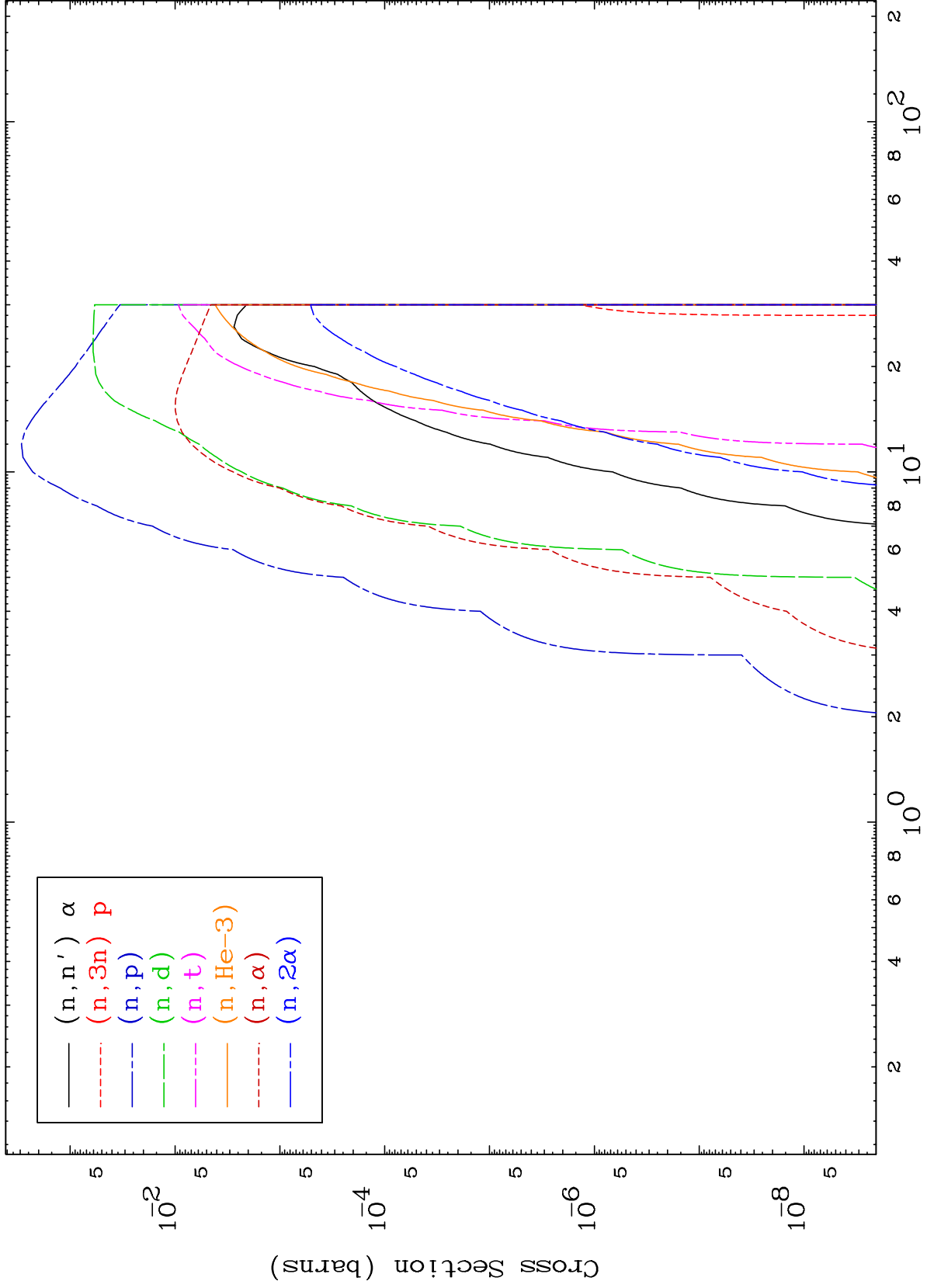
MAT 6389

Deuteron Neutron Absorption
0 Kelvin Cross Sections

64-Gd-140



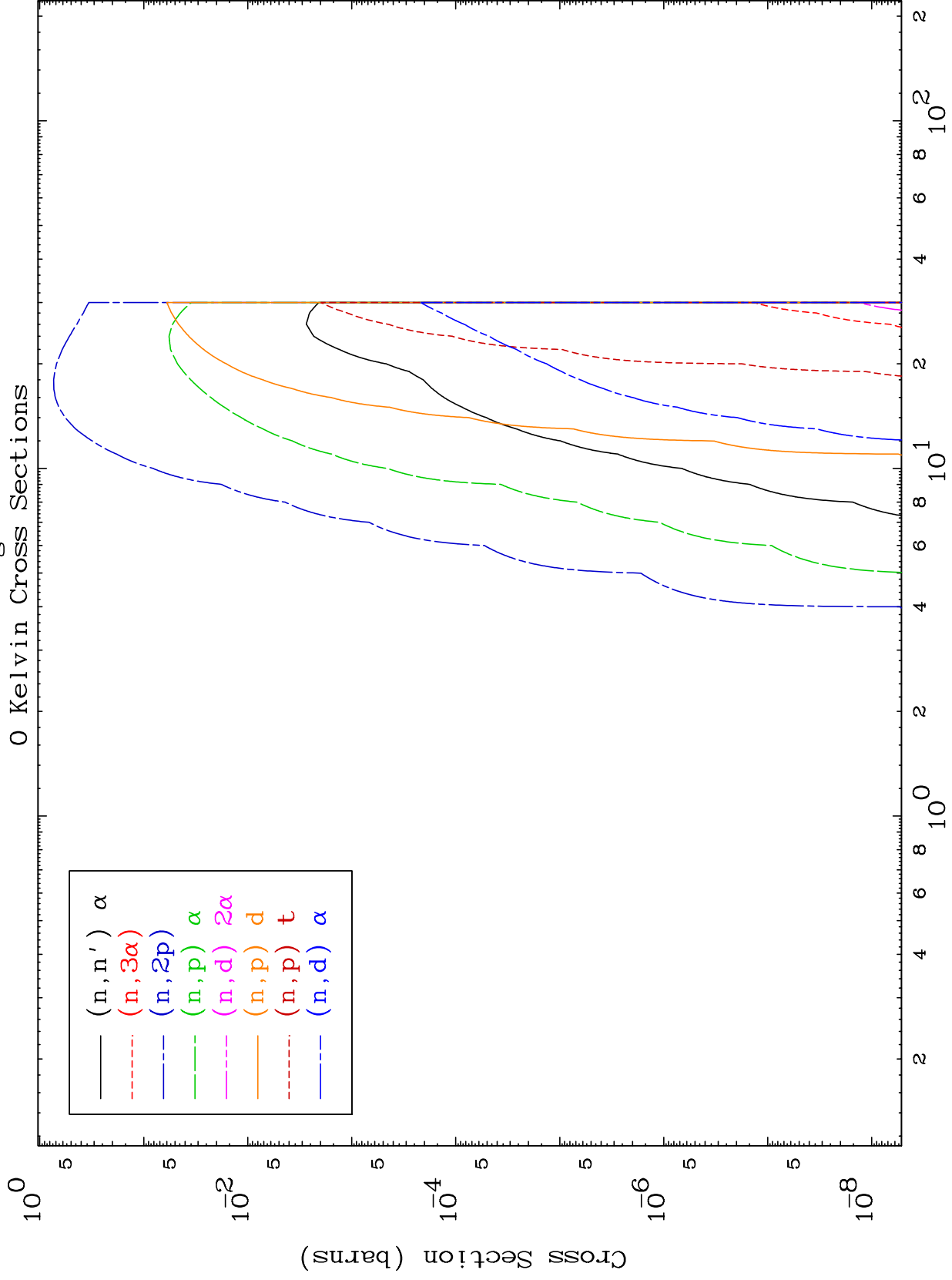




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Deuteron Charged Particle
0 Kelvin Cross Sections

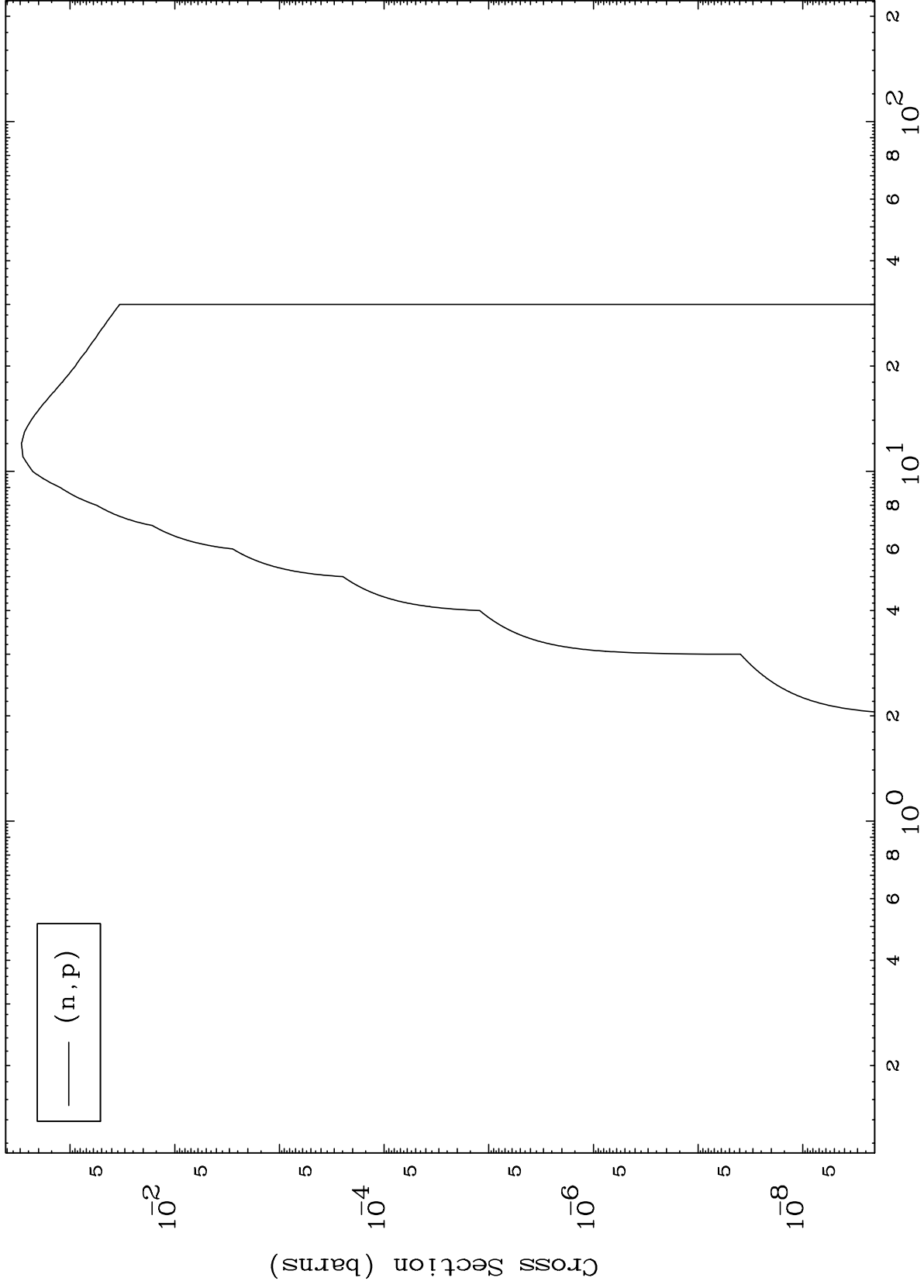
64-Gd-140



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(d,p) Levels
0 Kelvin Cross Sections

64-Gd-140

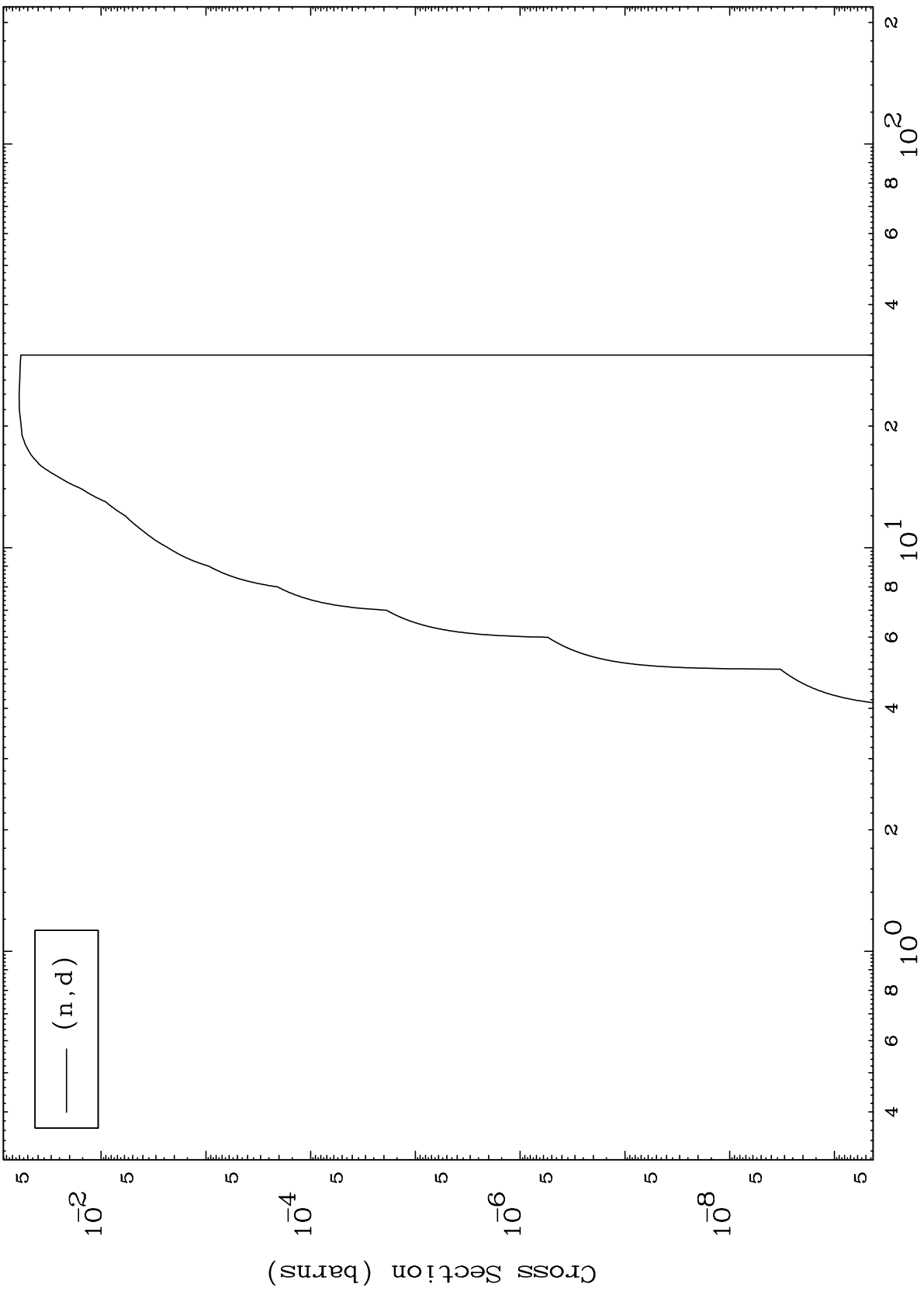


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(d,d) Levels

64-Gd-140

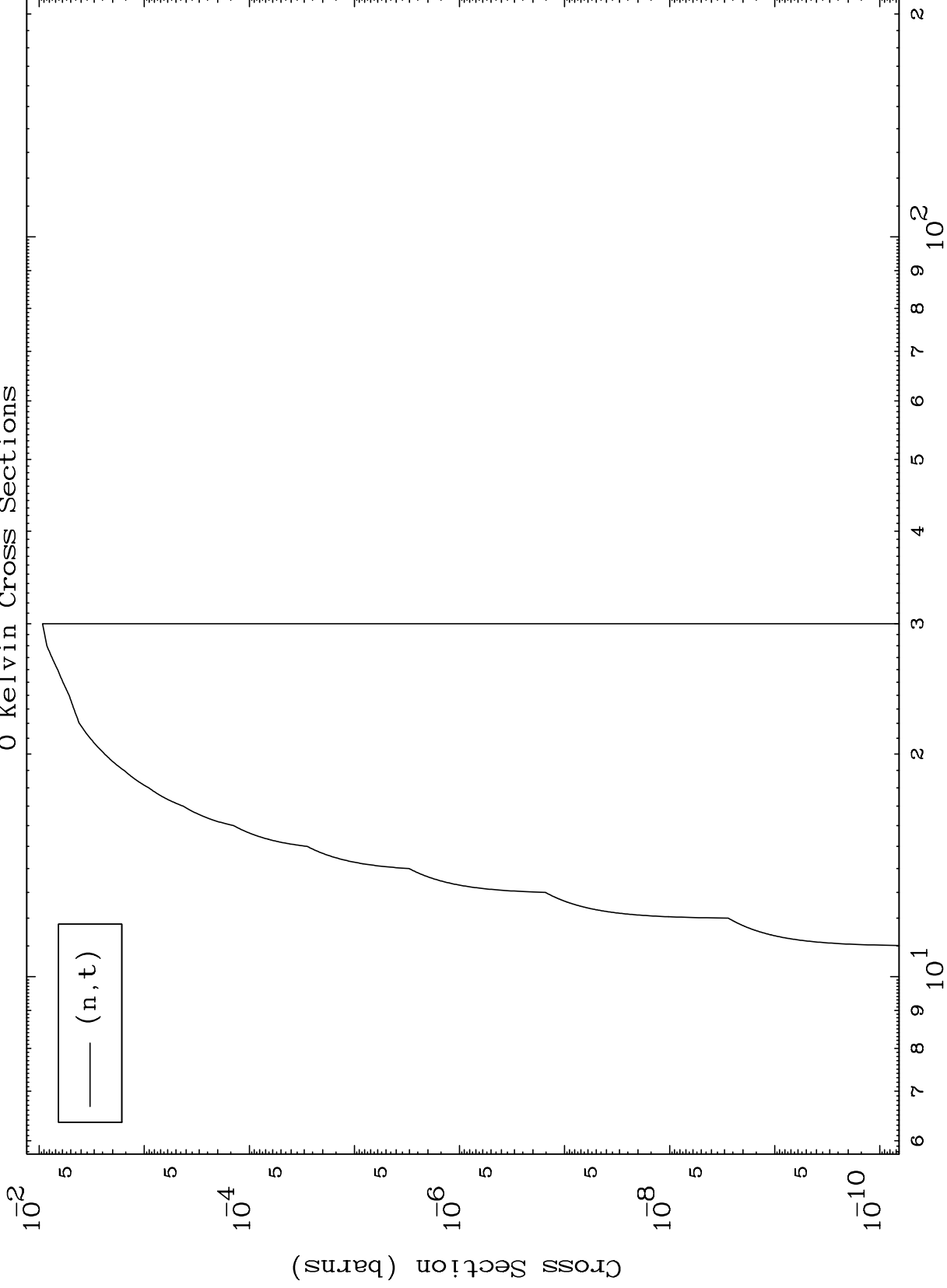
0 Kelvin Cross Sections



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(d, t) Levels
0 Kelvin Cross Sections

64-Gd-140



10

Incident Energy (MeV)

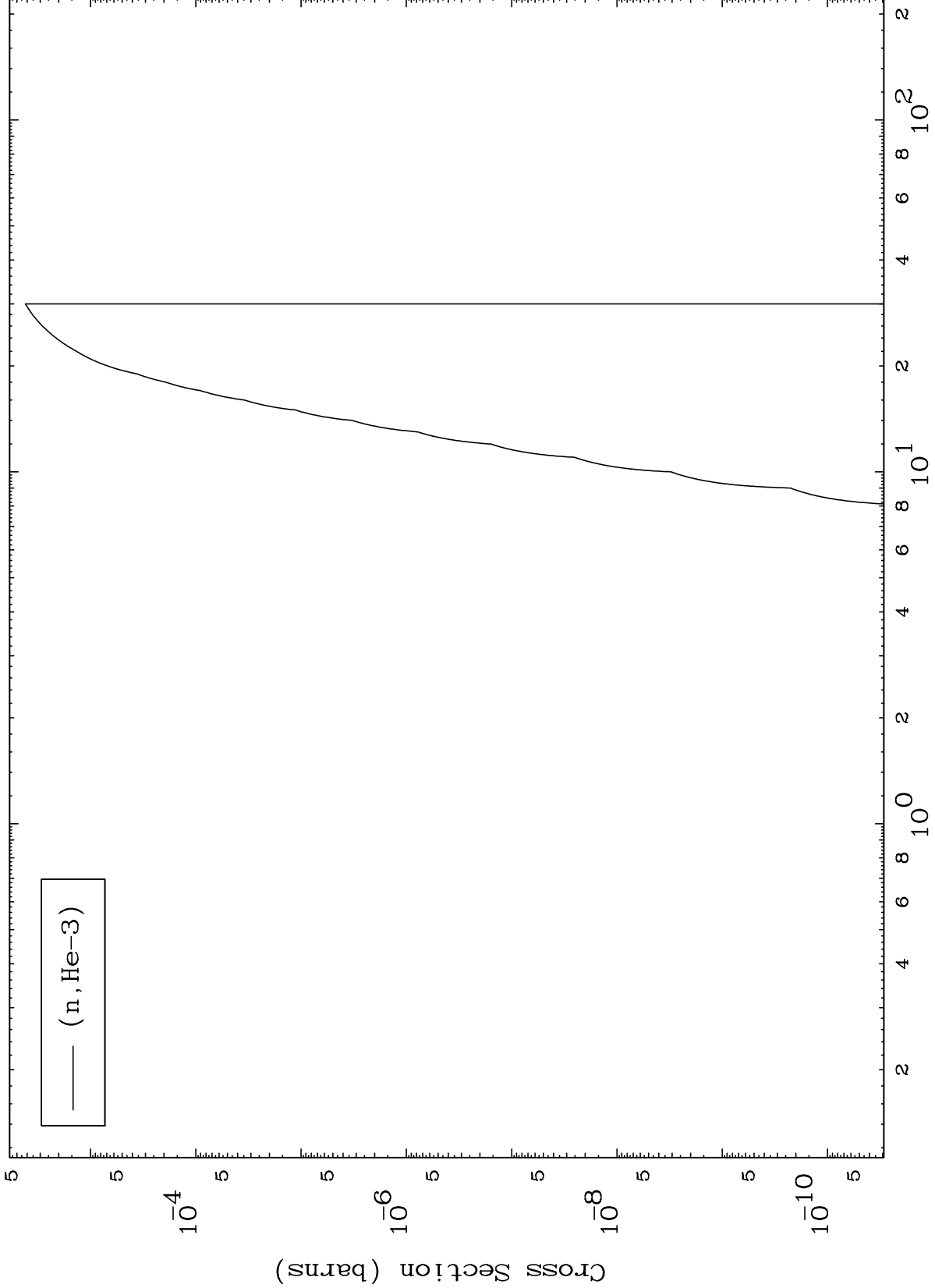
64-Gd-140

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(d,He3) Levels

64-Gd-140

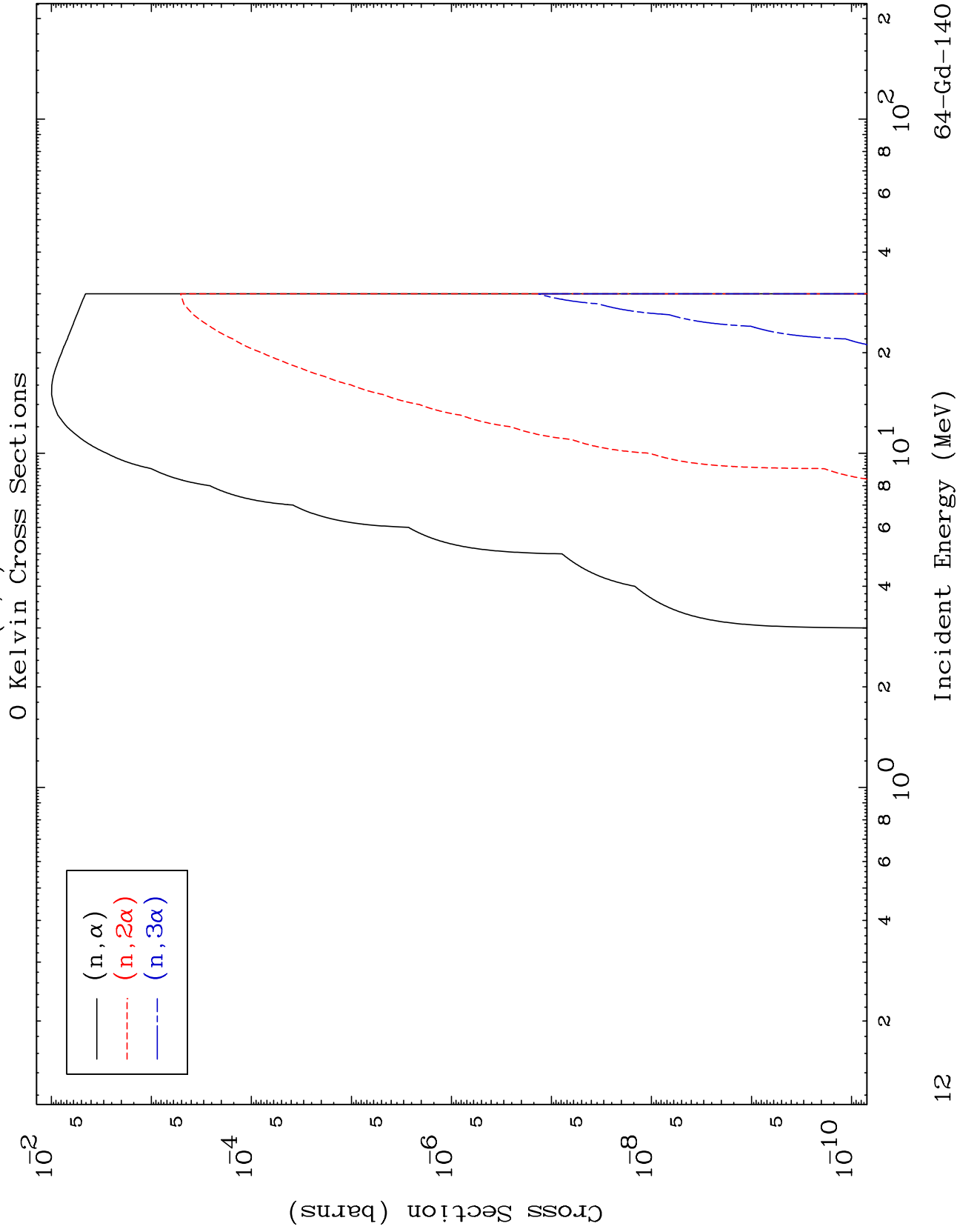
0 Kelvin Cross Sections



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(d, α) Levels

64-Gd-140

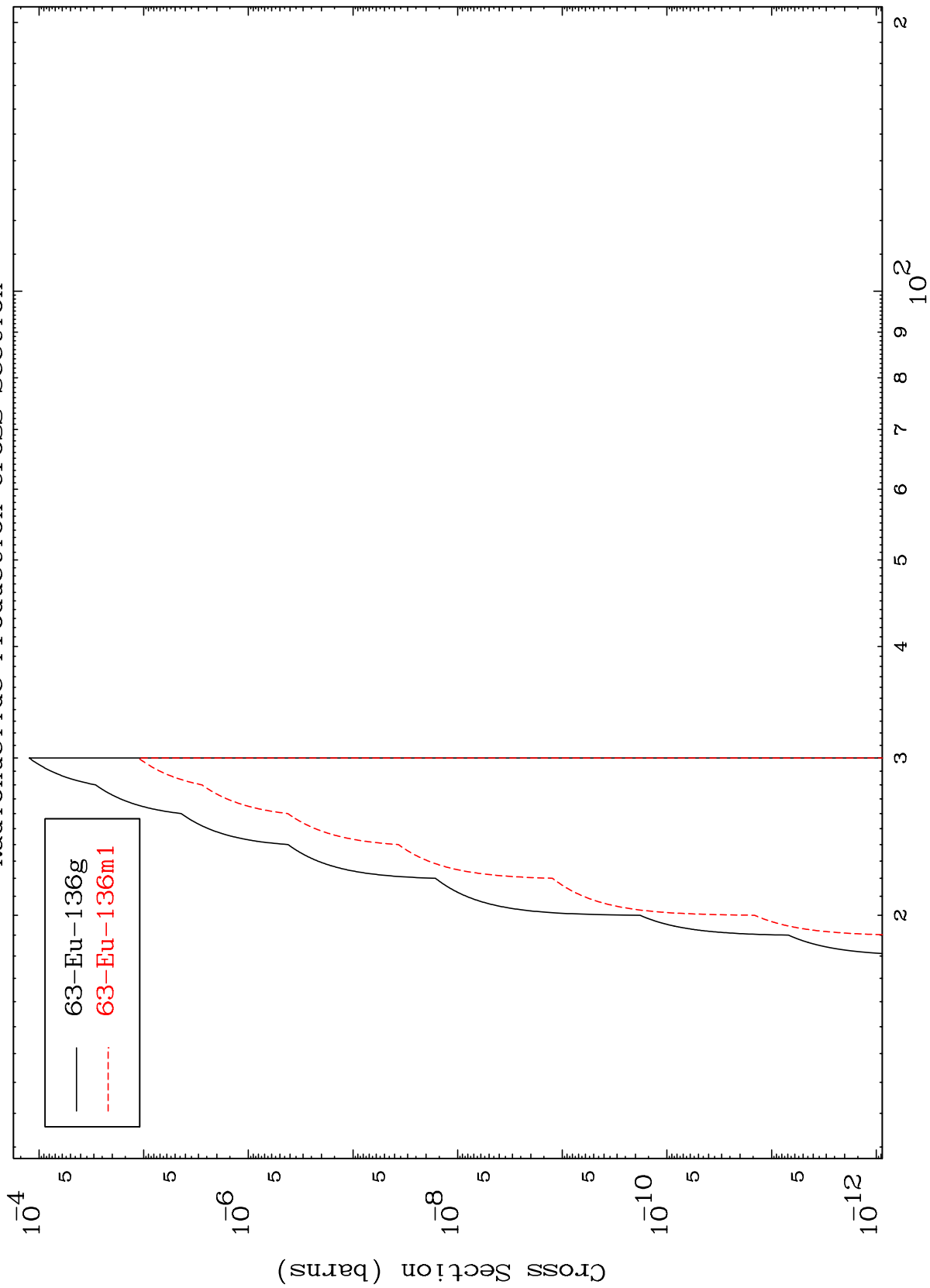


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(n,2n) α

64-Gd-140

Radionuclide Production Cross Section



13

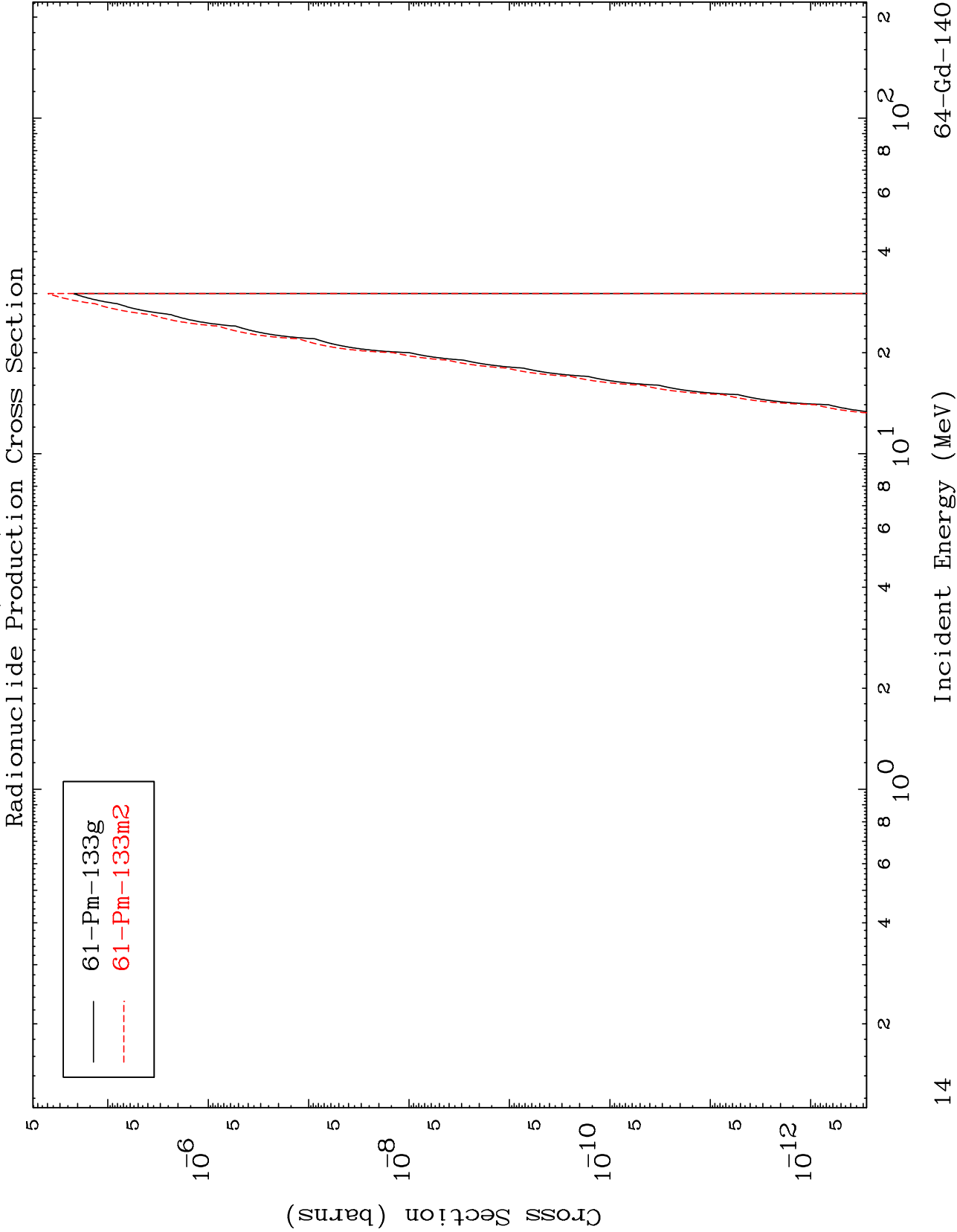
Incident Energy (MeV)

64-Gd-140

MAT 6389

(n,n') 2 α

64-Gd-140

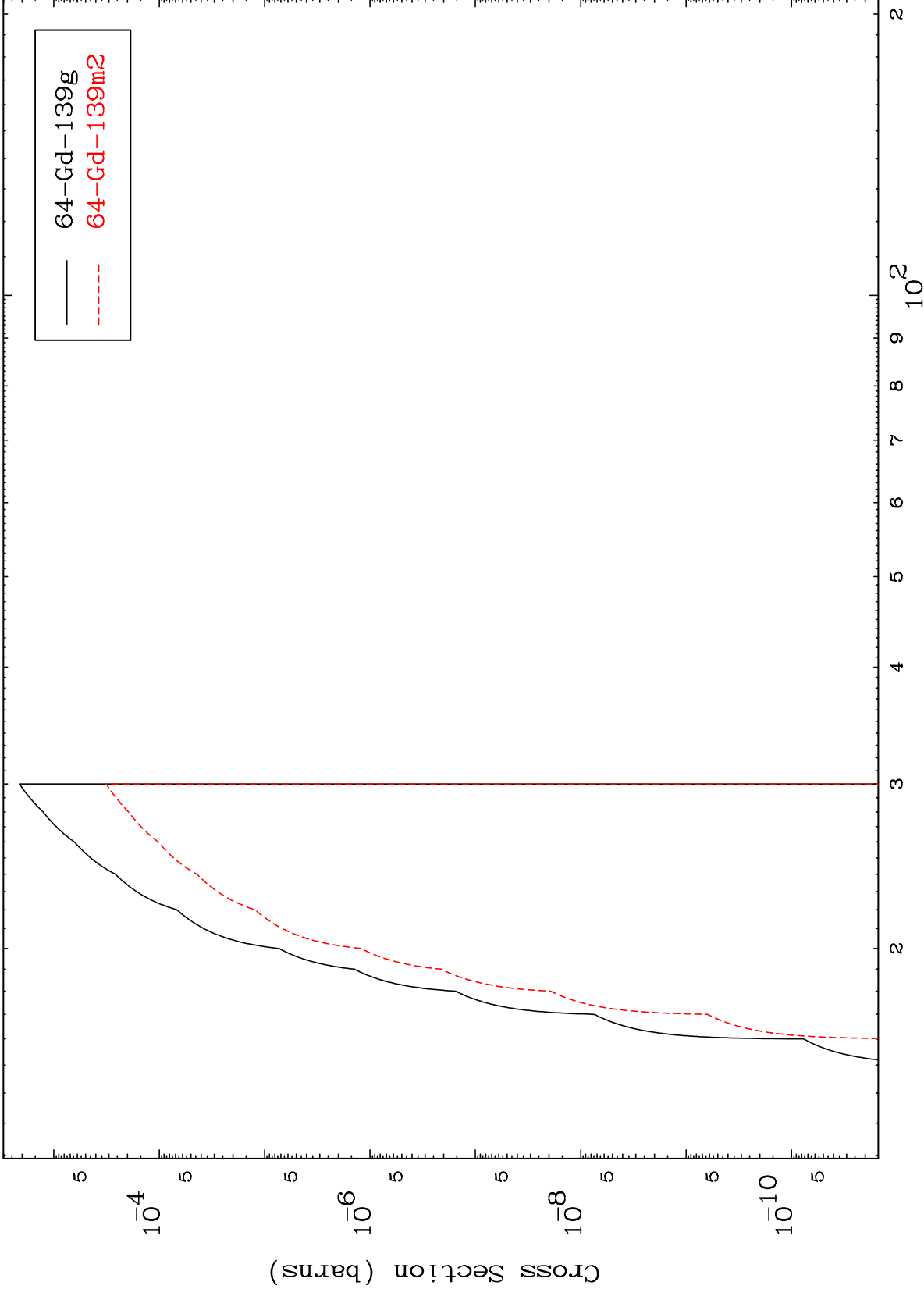


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(n,n') d

64-Gd-140

Radionuclide Production Cross Section



15

Incident Energy (MeV)

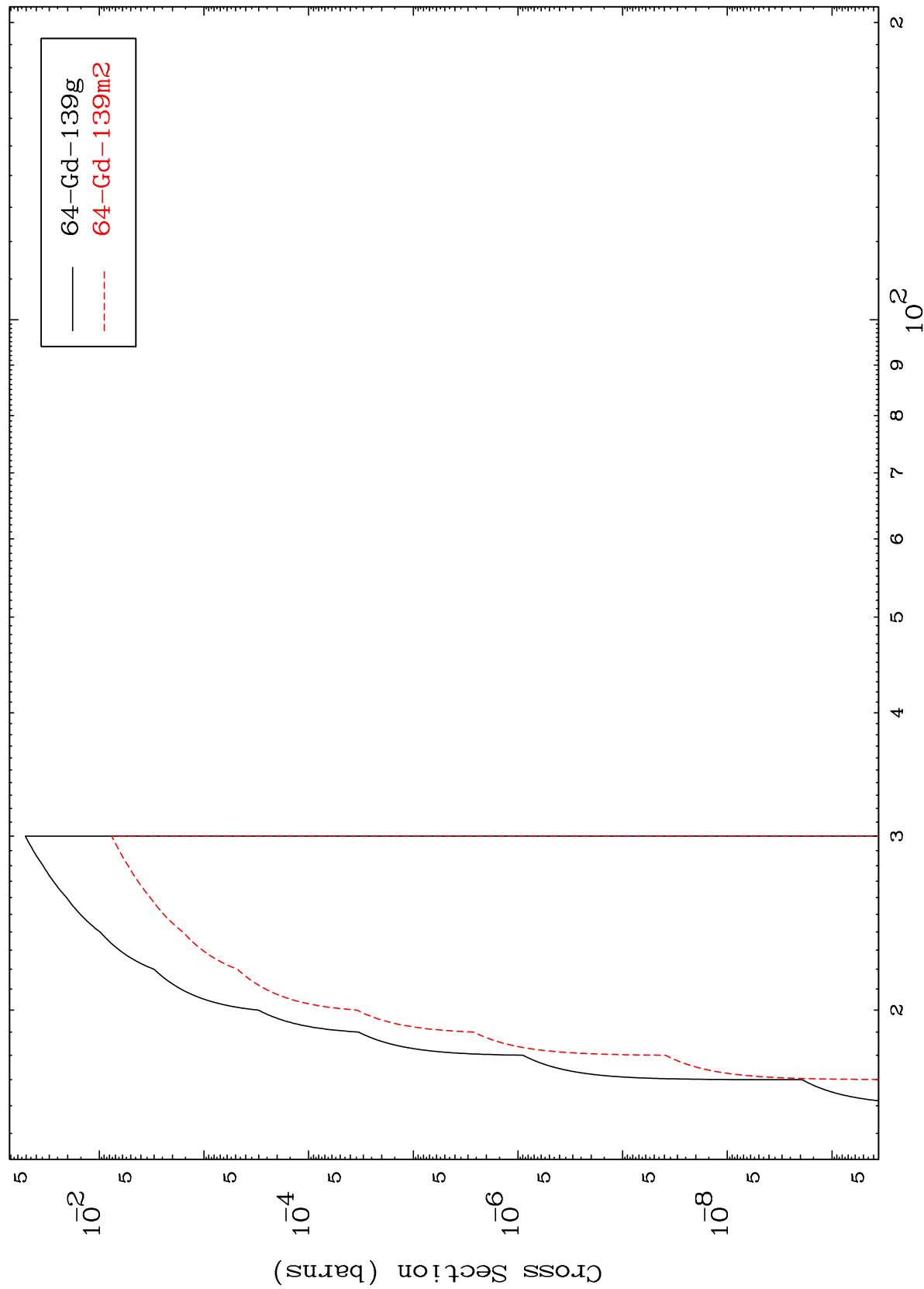
64-Gd-140

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(n,2n) p

64-Gd-140

Radionuclide Production Cross Section



64-Gd-139g
64-Gd-139m2

16

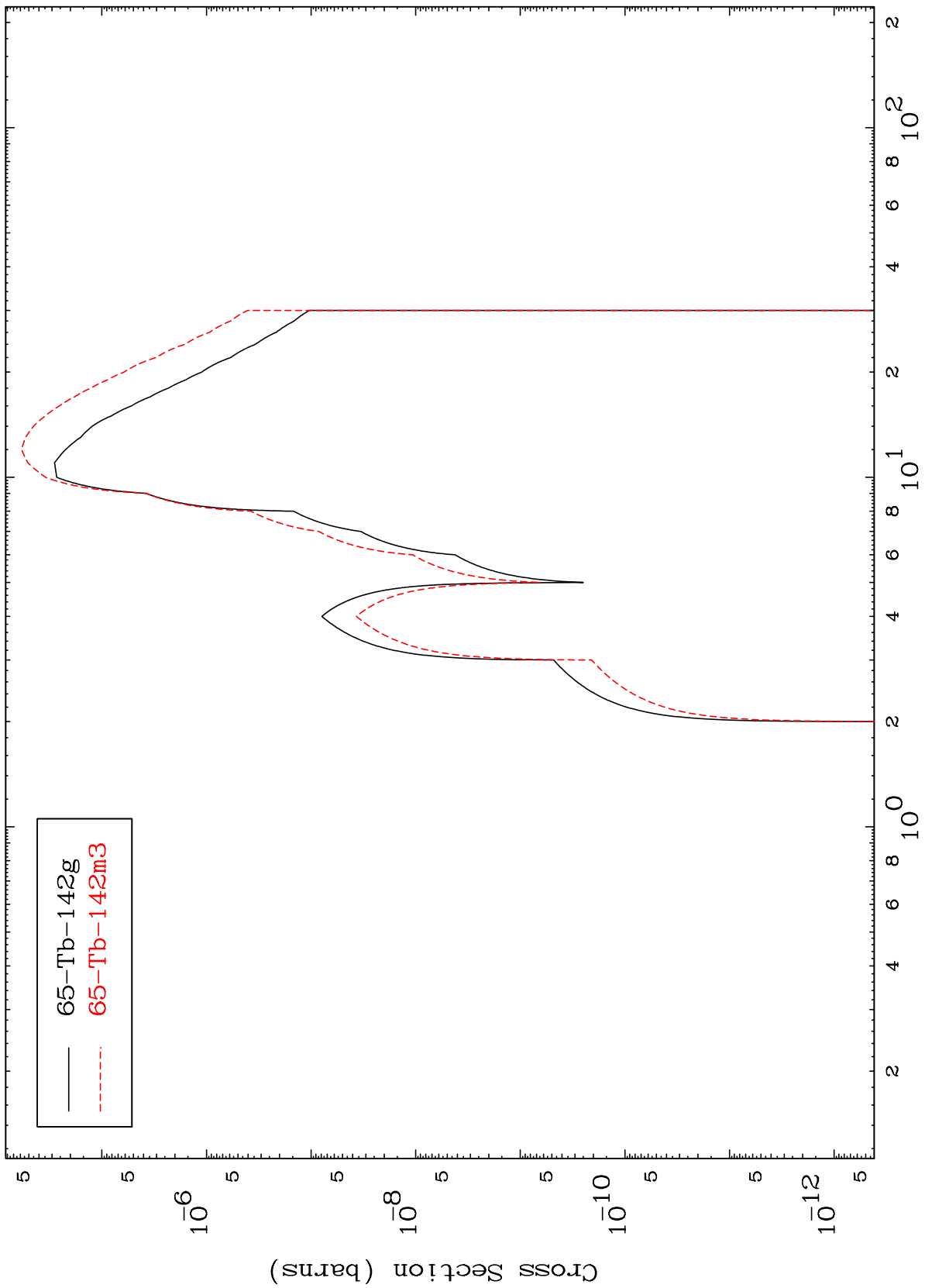
Incident Energy (MeV)

64-Gd-140

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64-Gd-140

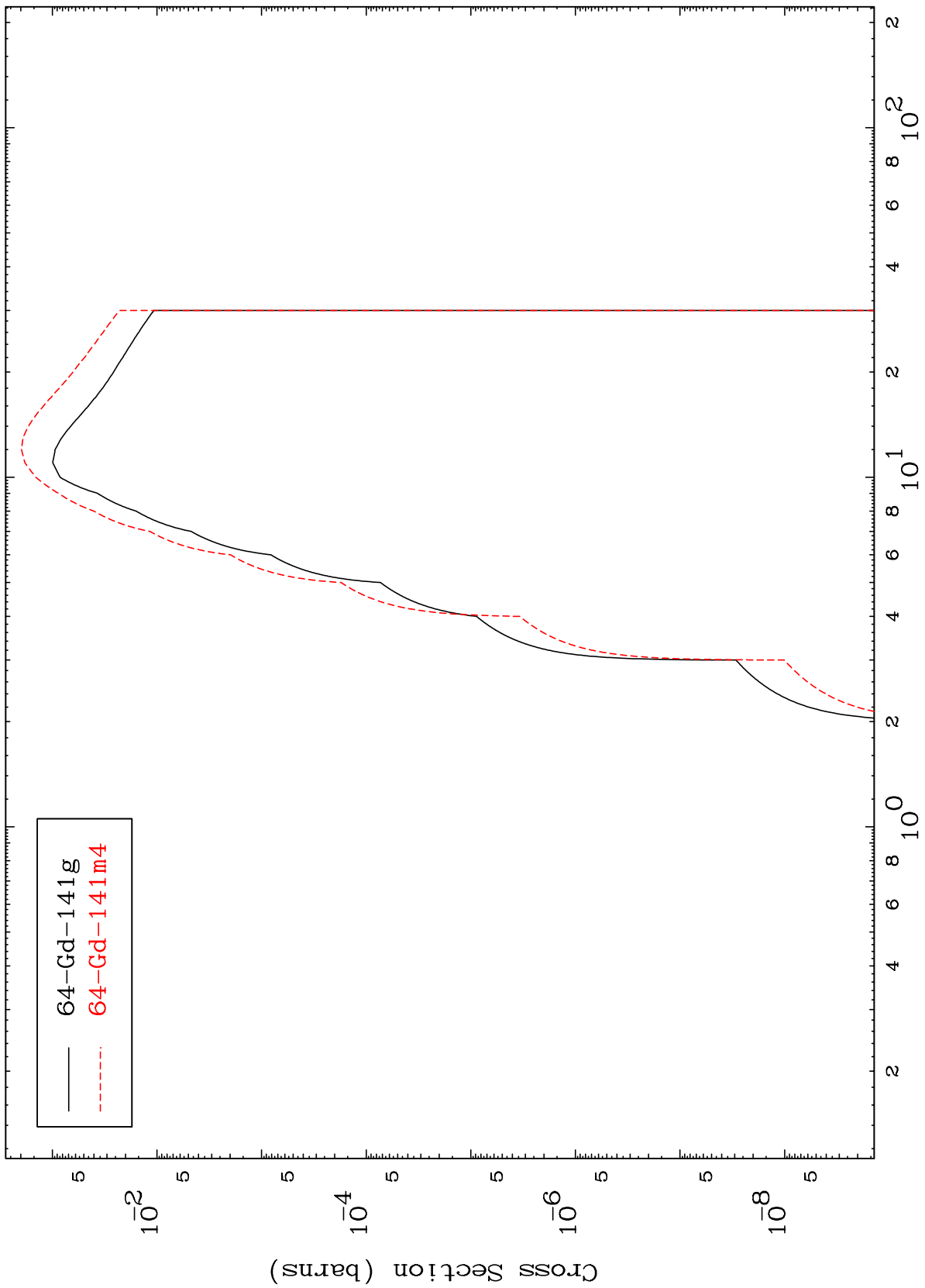
(n, γ)
Radionuclide Production Cross Section



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64-Gd-140

(n,p)
Radionuclide Production Cross Section



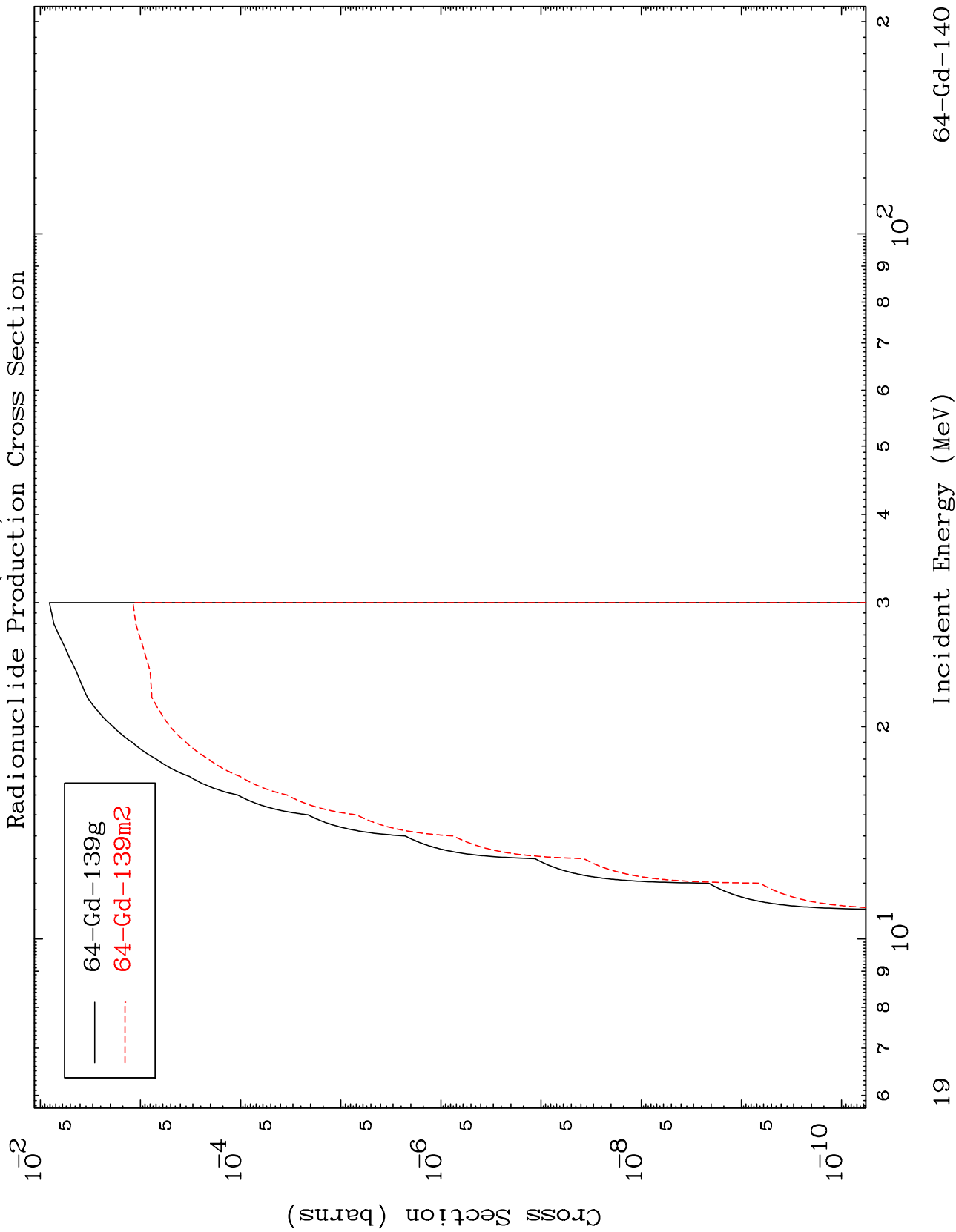
64-Gd-140

Incident Energy (MeV)

18

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64-Gd-140



19

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(n,2α)

64-Gd-140

Radionuclide Production Cross Section

