

Program EVALPLOT
(Version 2021-1)

by

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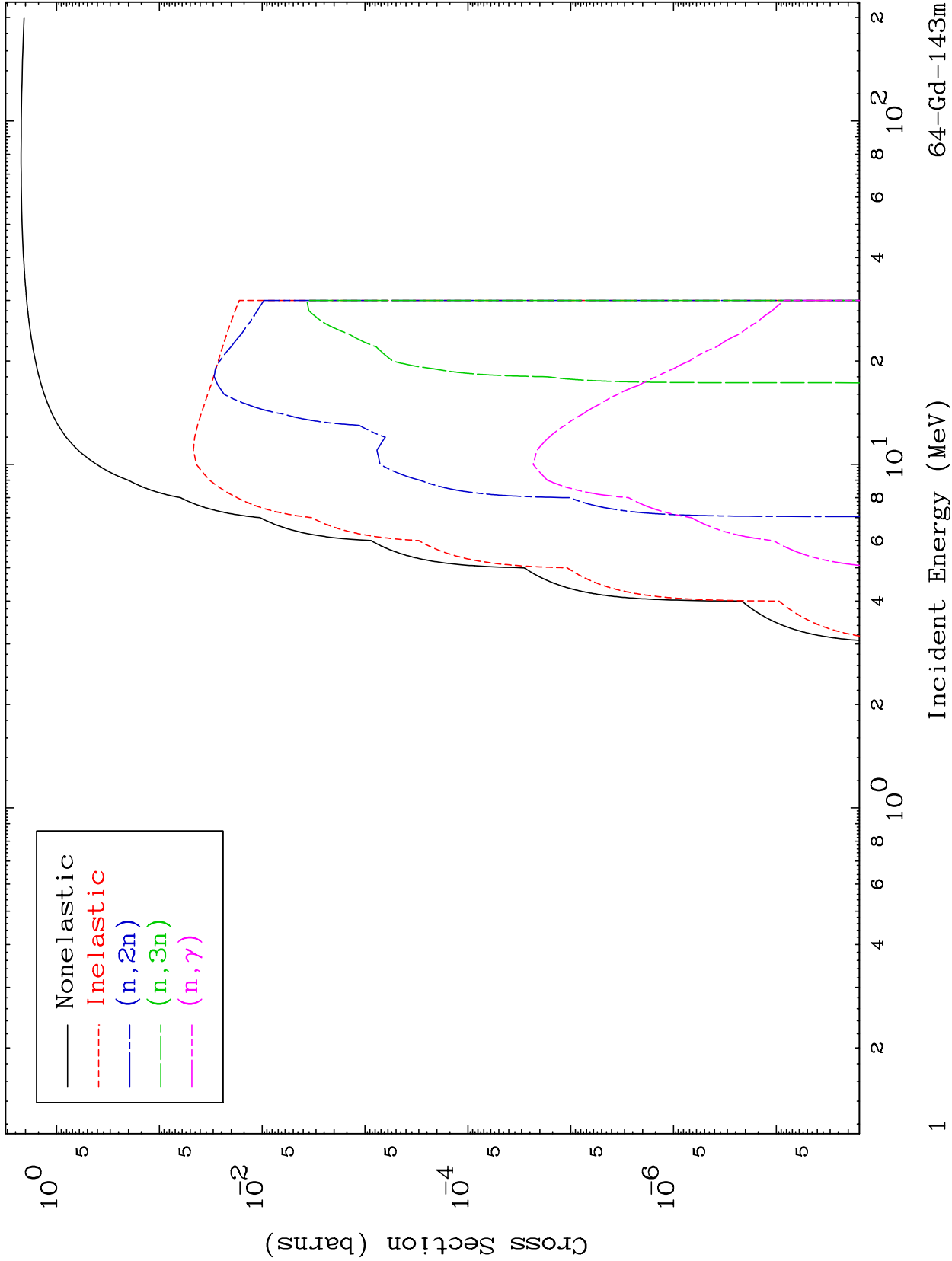
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6399

Triton Major
0 Kelvin Cross Sections

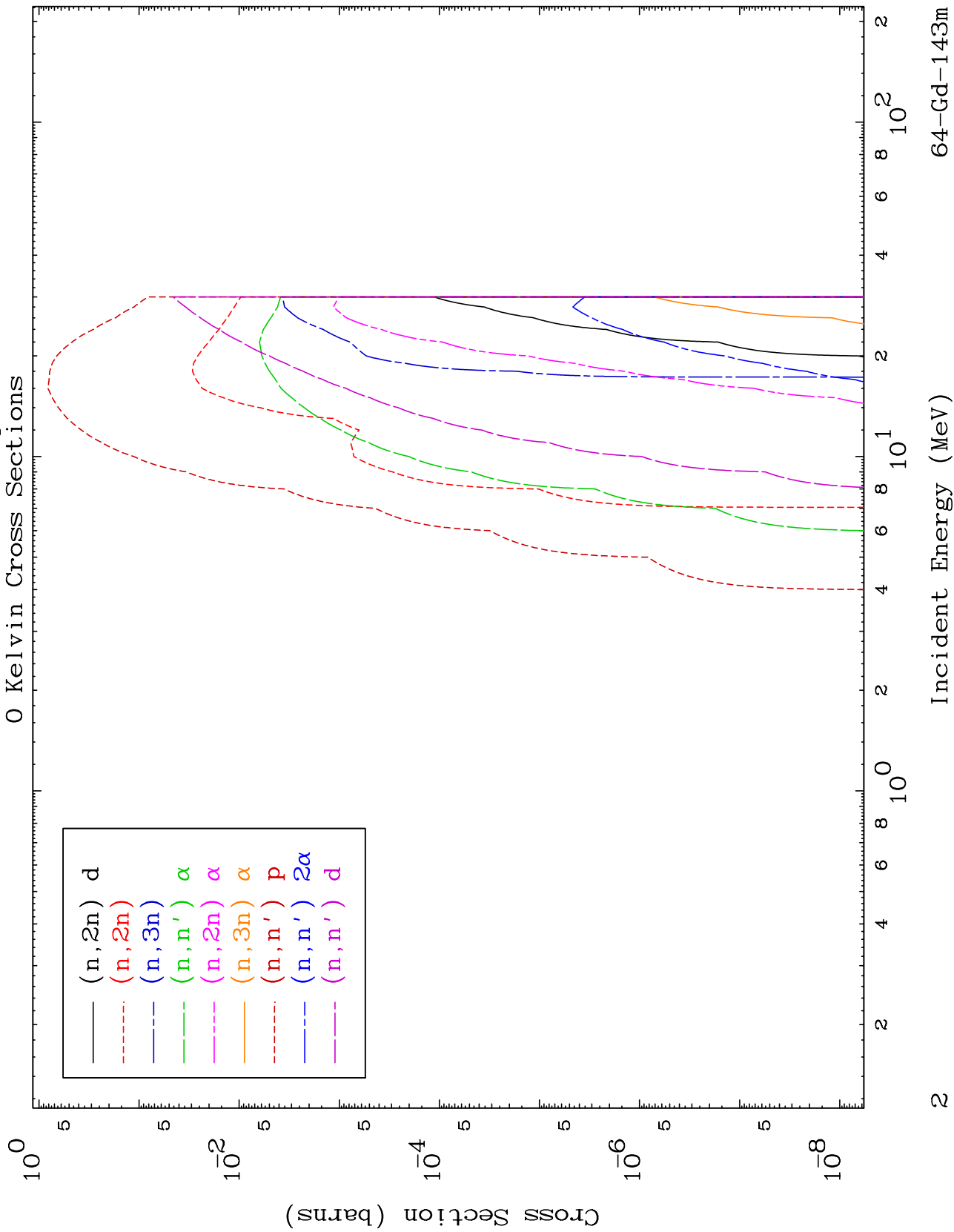
64-Gd-143m



MAT 6399

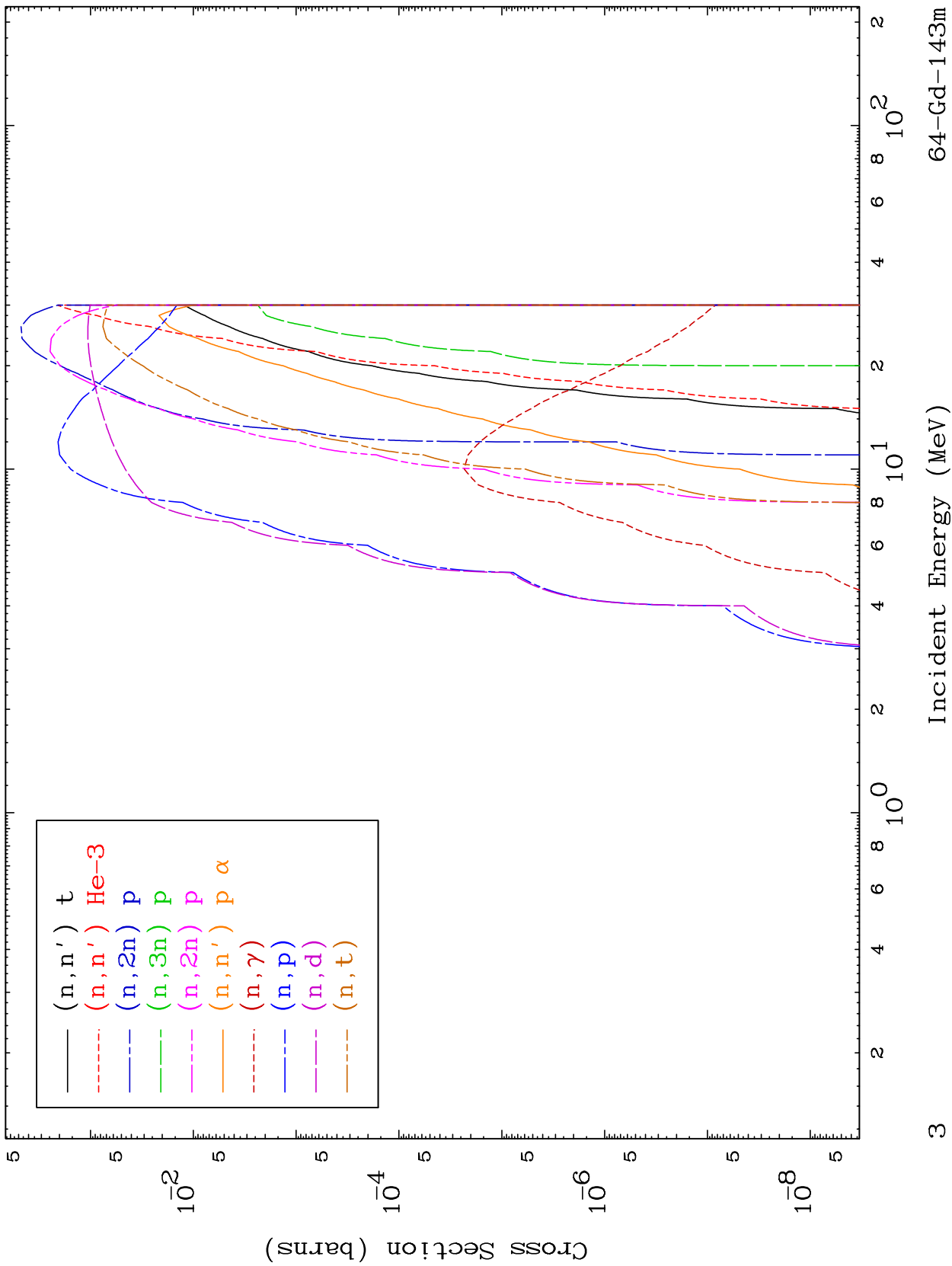
Triton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-143m



64-Gd-143m

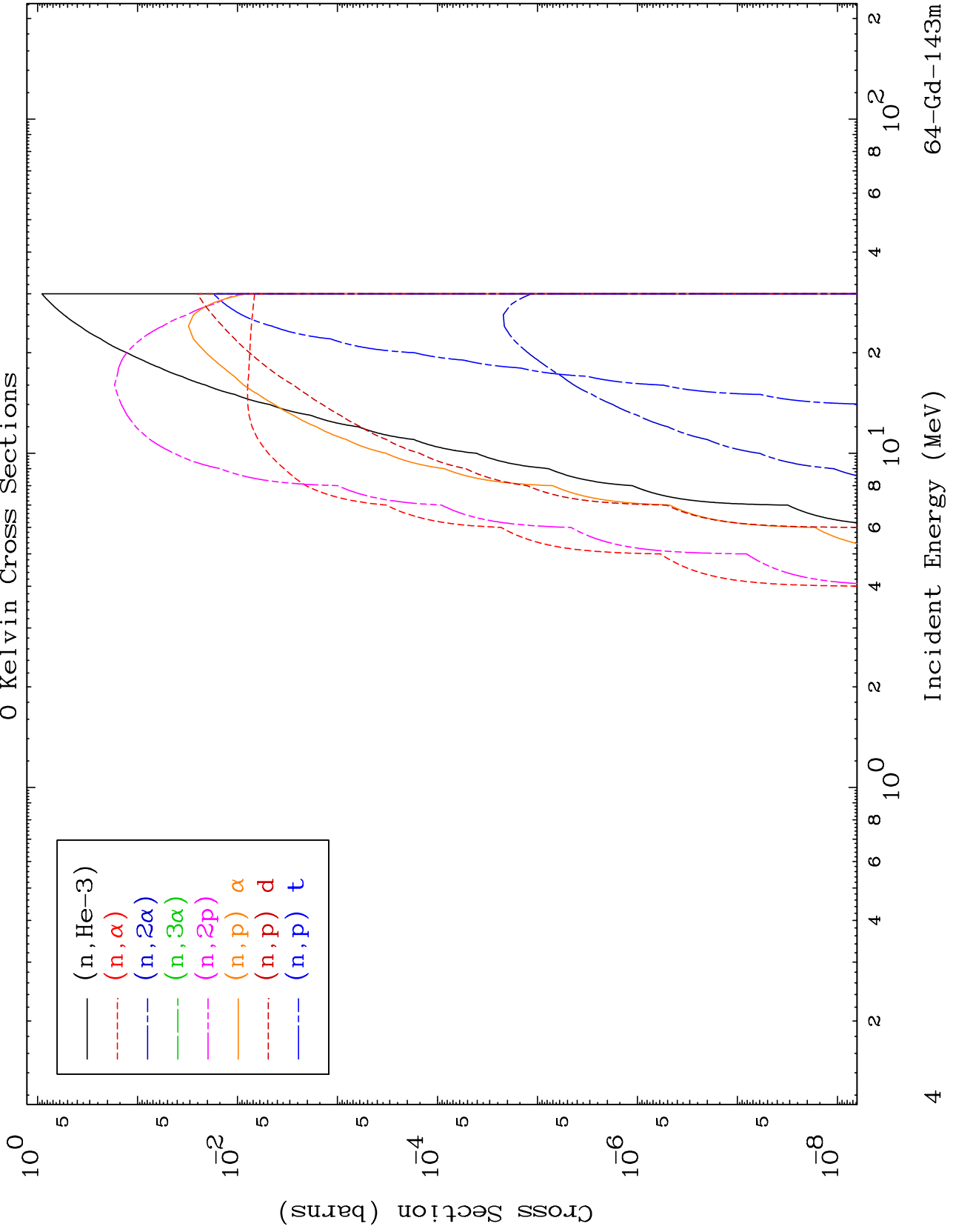
Incident Energy (MeV)



MAT 6399

Triton Neutron Absorption
0 Kelvin Cross Sections

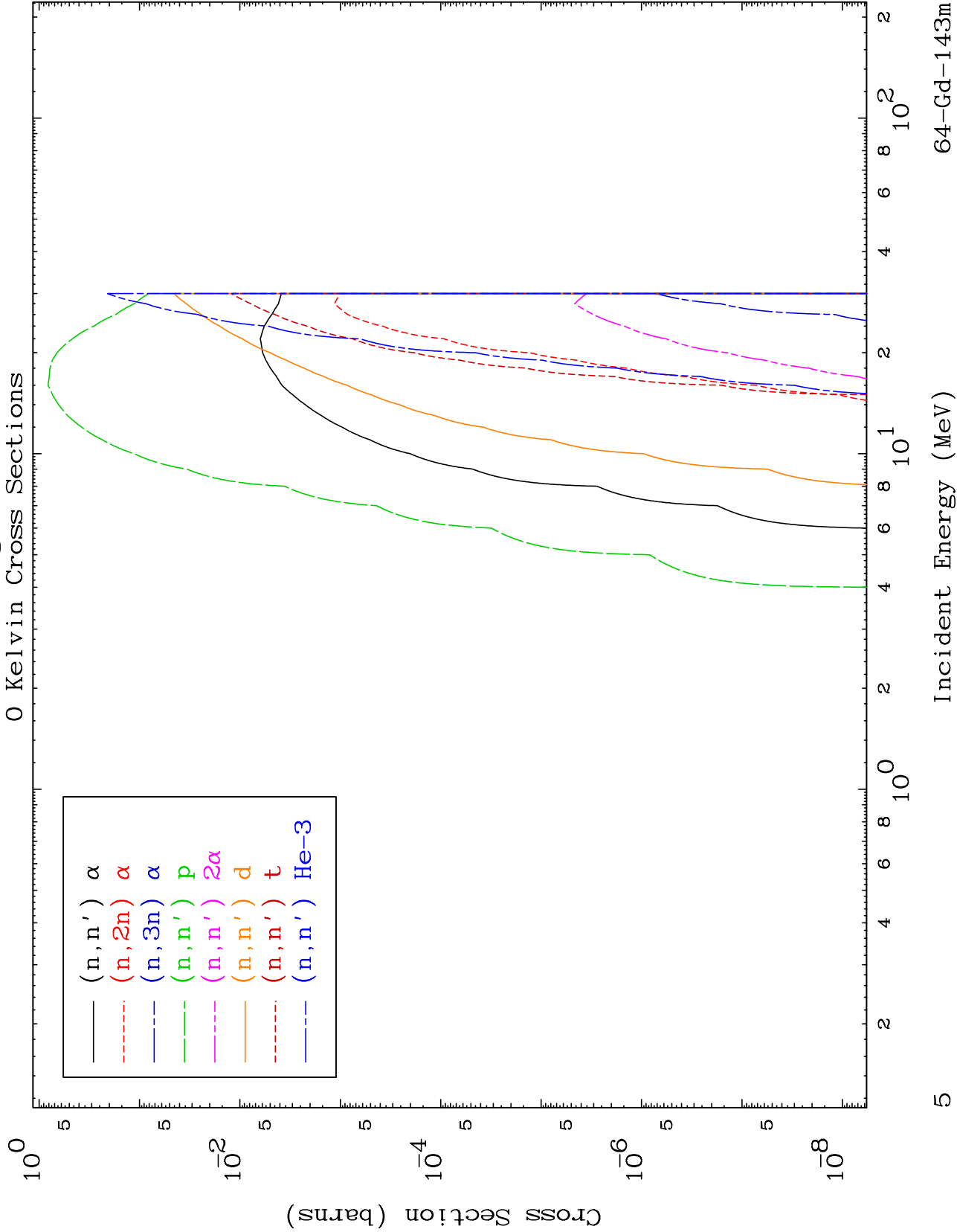
64-Gd-143m



MAT 6399

Triton Charged Particle
0 Kelvin Cross Sections

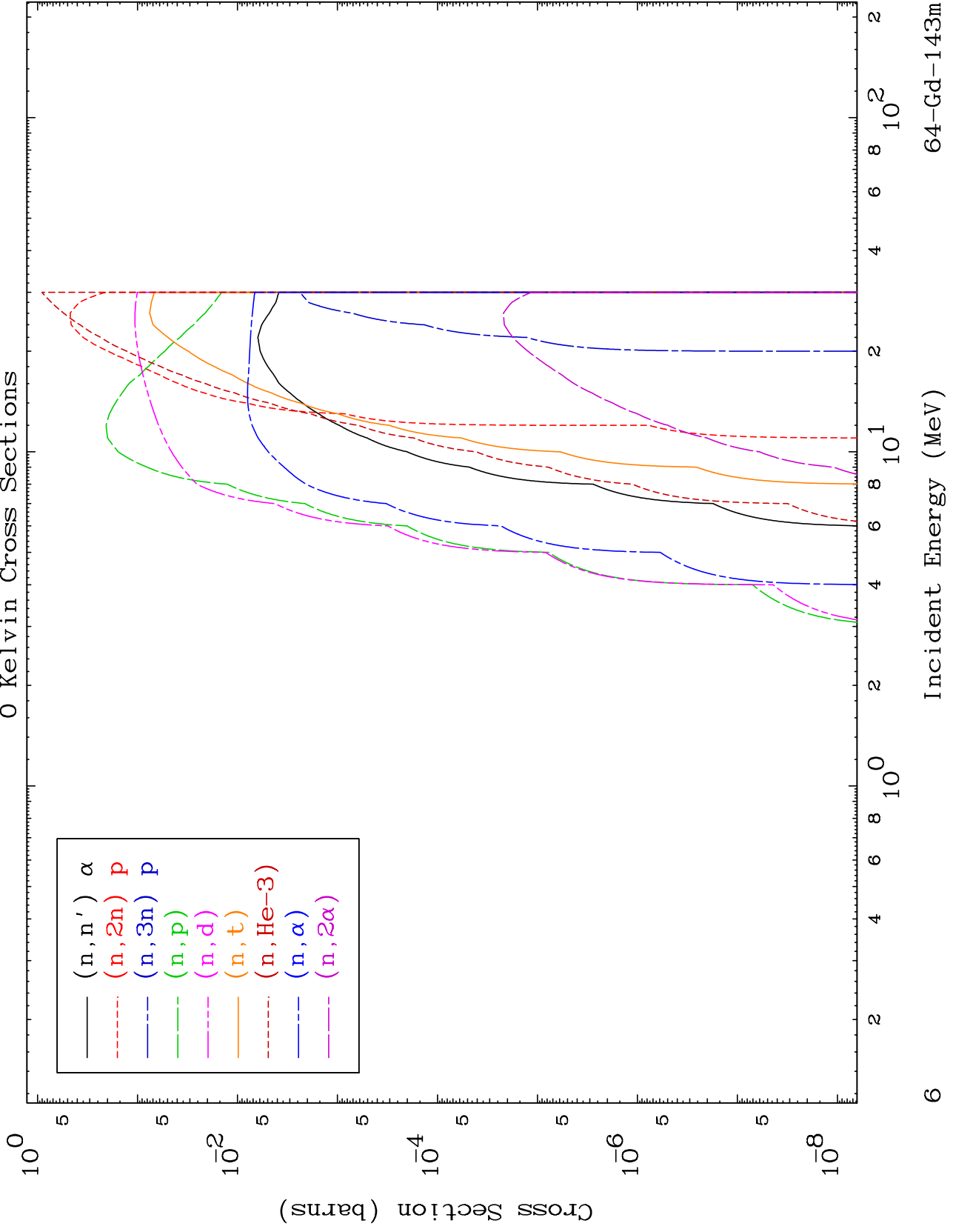
64-Gd-143m



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Triton Charged Particle
0 Kelvin Cross Sections

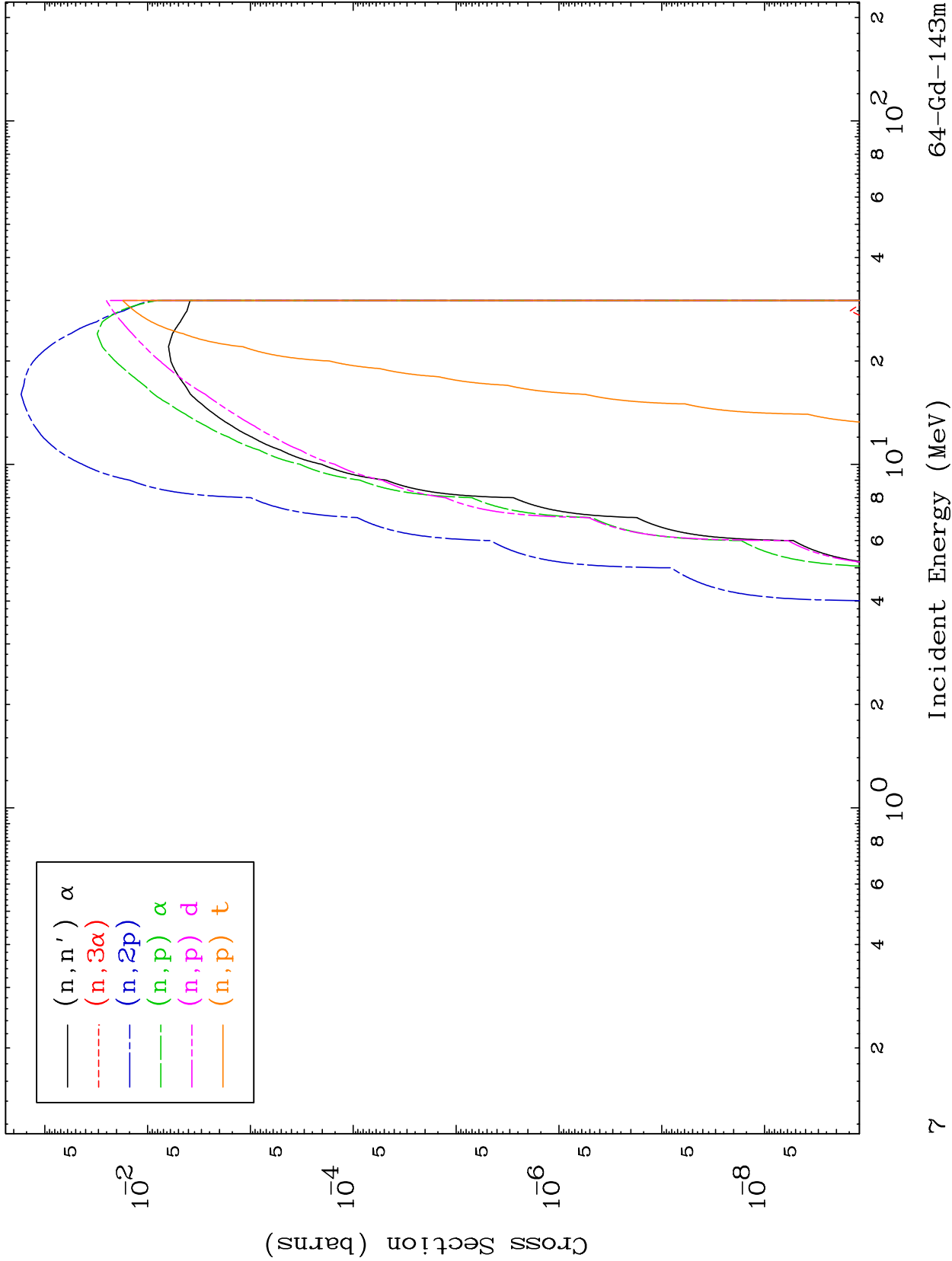
64-Gd-143m



MAT 6399

Triton Charged Particle
0 Kelvin Cross Sections

64-Gd-143m

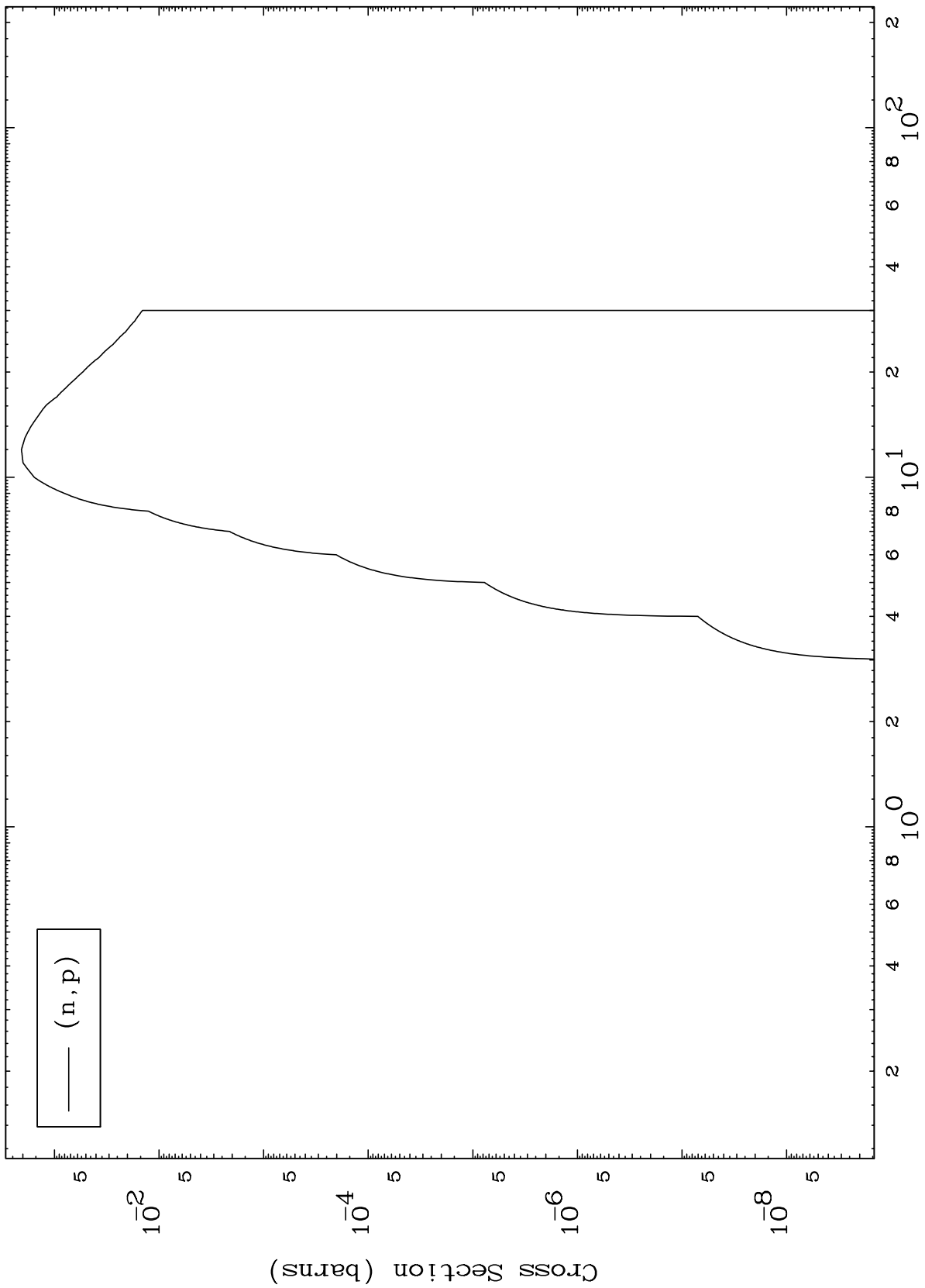


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(t, p) Levels

64-Gd-143m

0 Kelvin Cross Sections



(n, p)

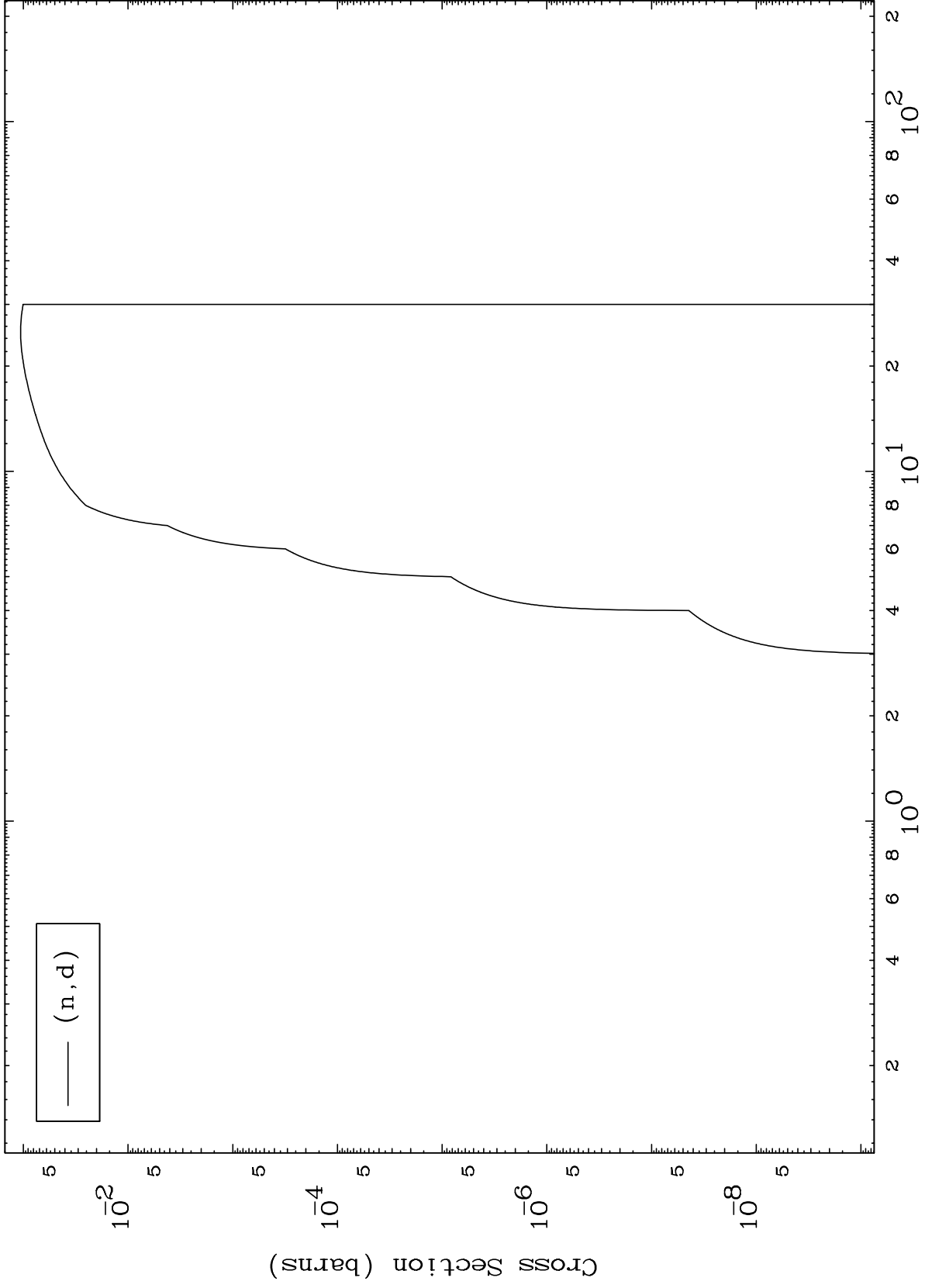
Incident Energy (MeV)

64-Gd-143m

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(t, d) Levels
0 Kelvin Cross Sections

64-Gd-143m

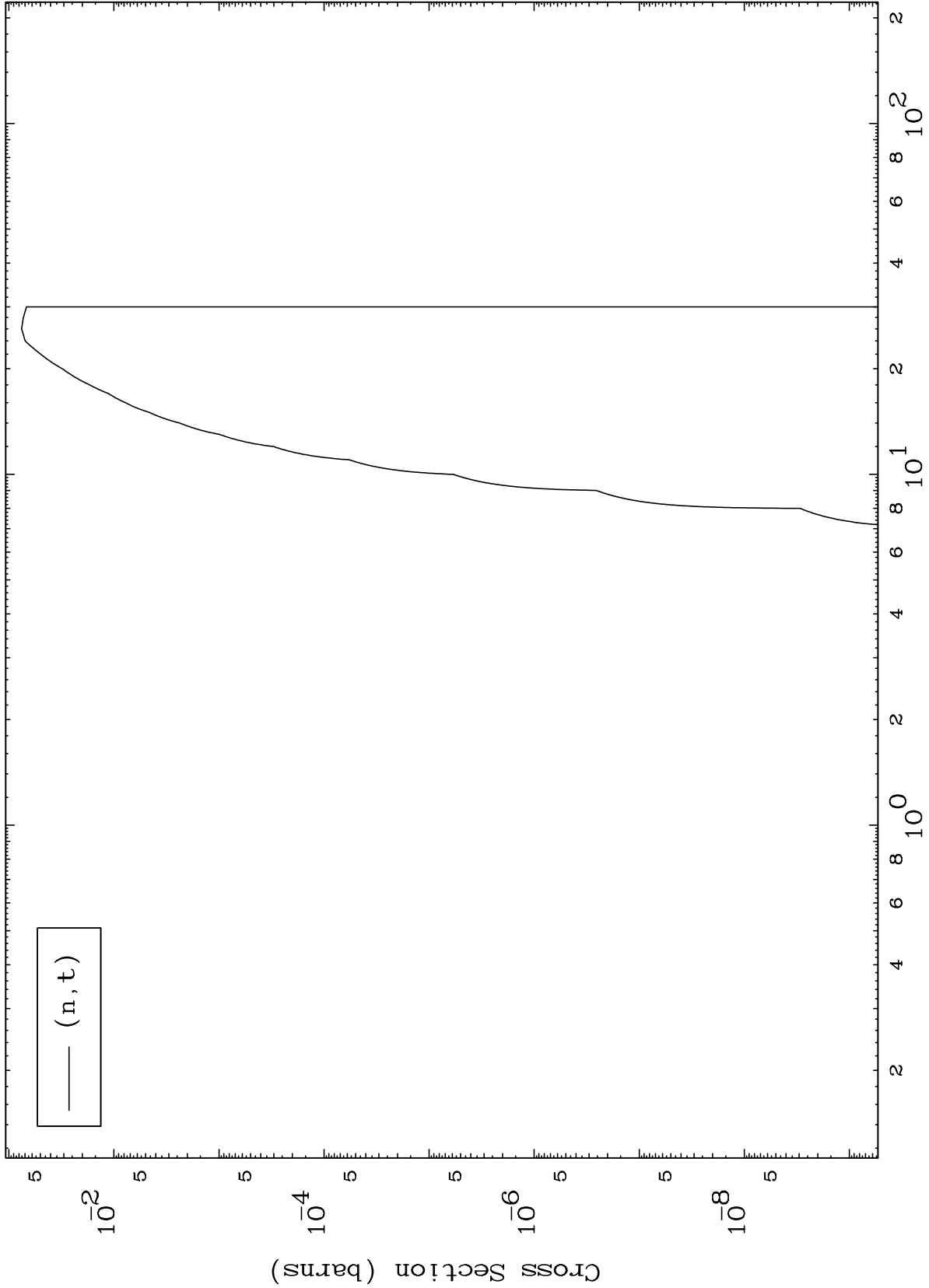


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(t, t) Levels

64-Gd-143m

0 Kelvin Cross Sections



10

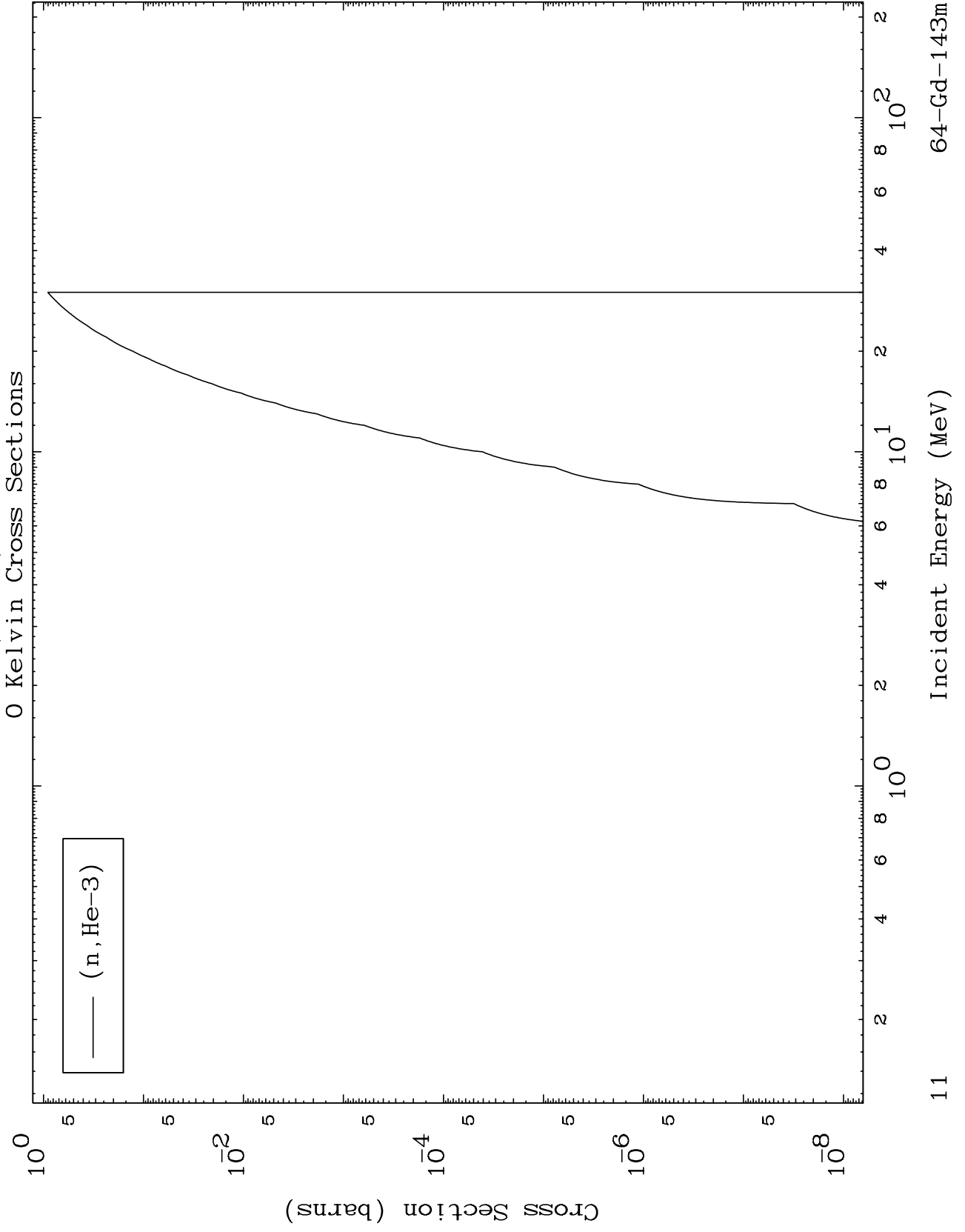
Incident Energy (MeV)

64-Gd-143m

MAT 6399

(t, He3) Levels

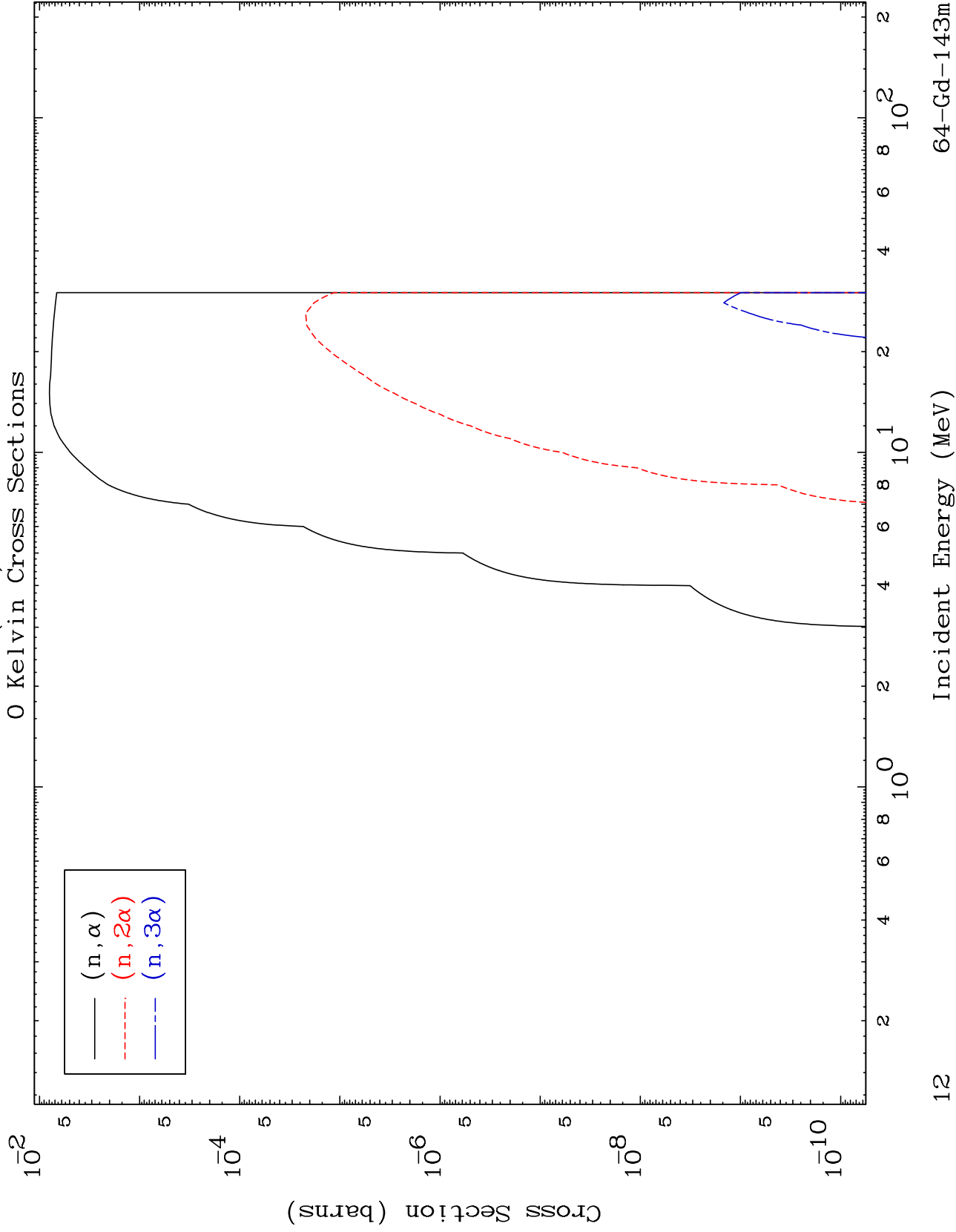
64-Gd-143m



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(t, α) Levels

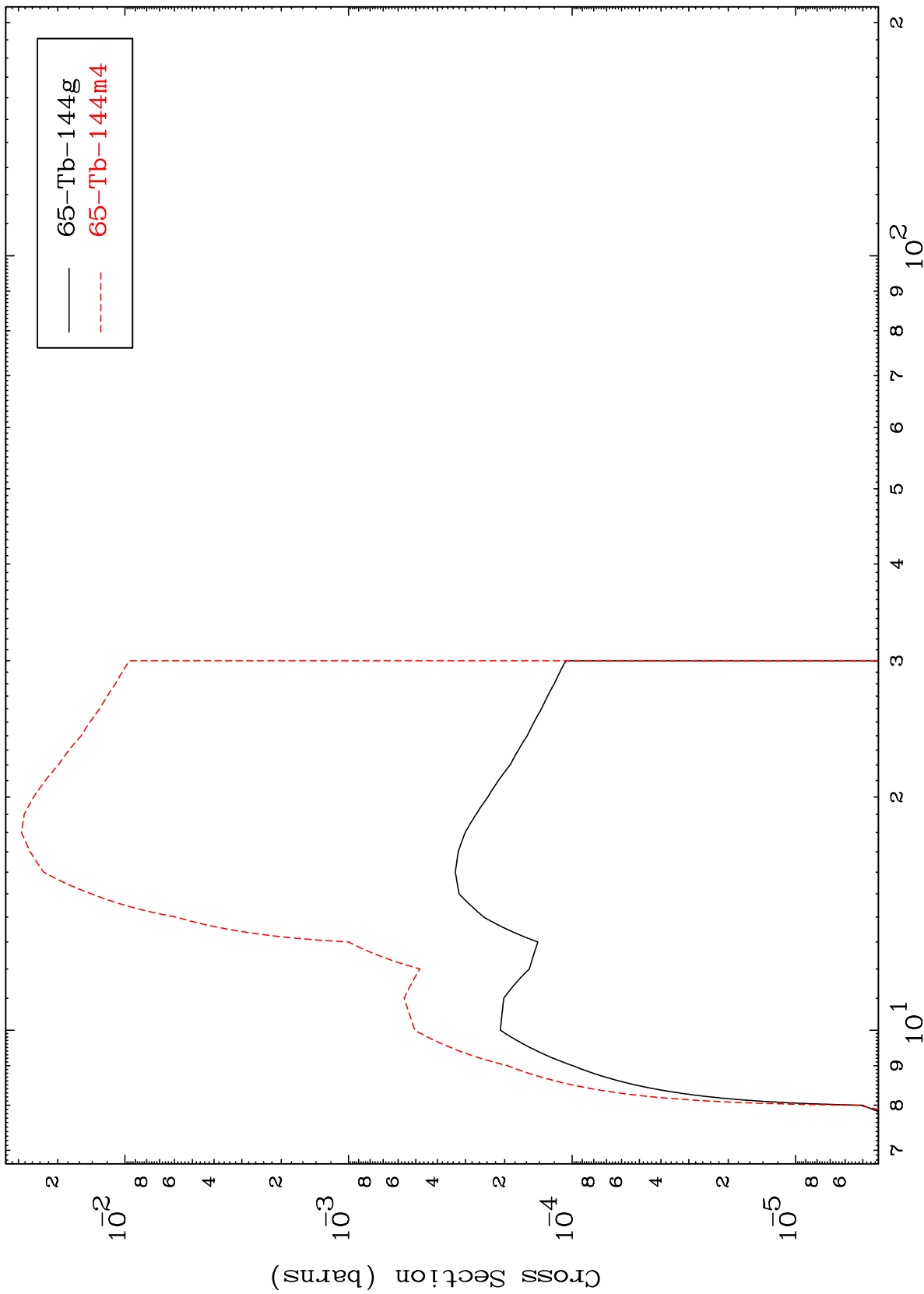
64-Gd-143m



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64-Gd-143m

(n,2n)
Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

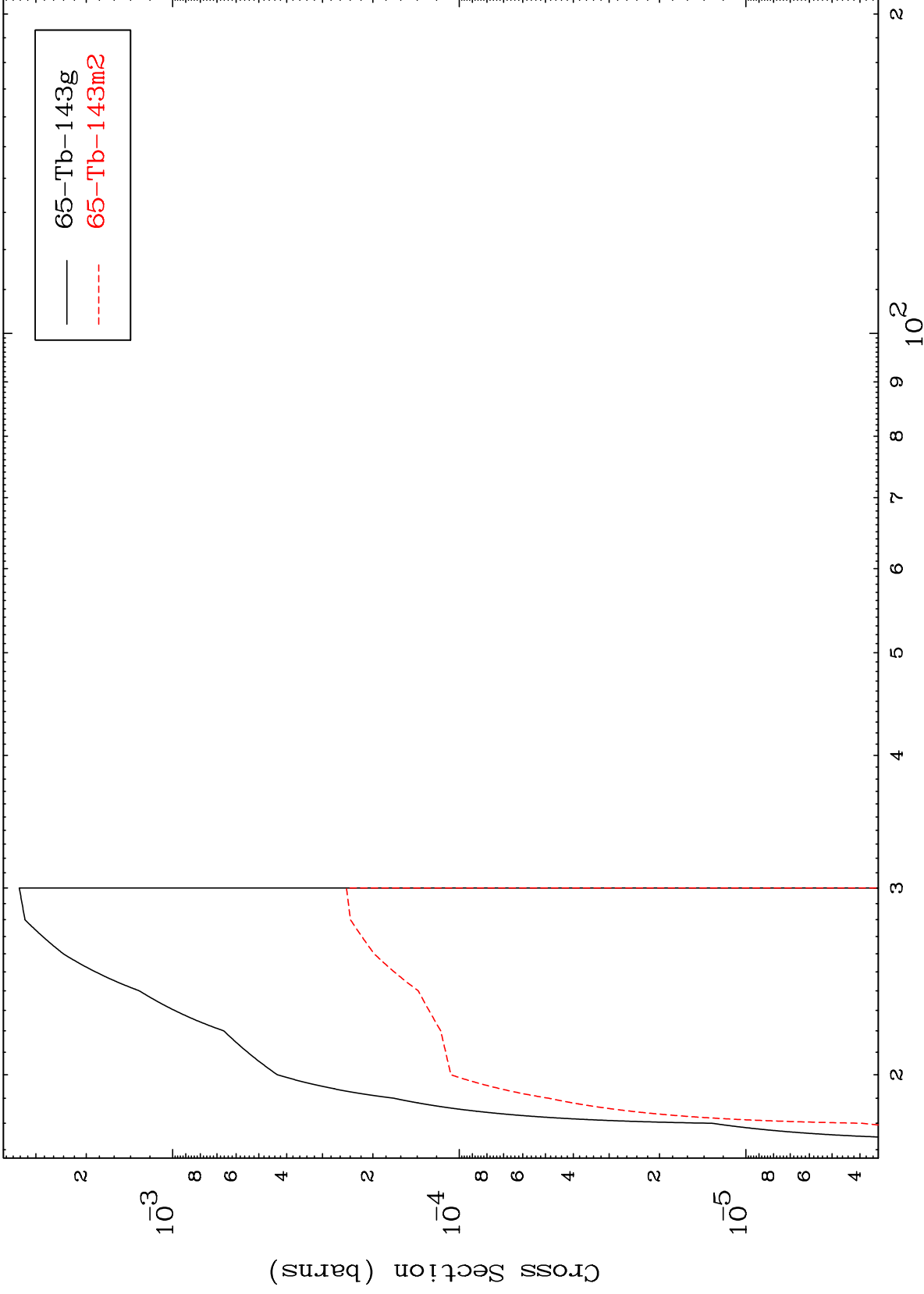
64-Gd-143m

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(n,3n)

64-Gd-143m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

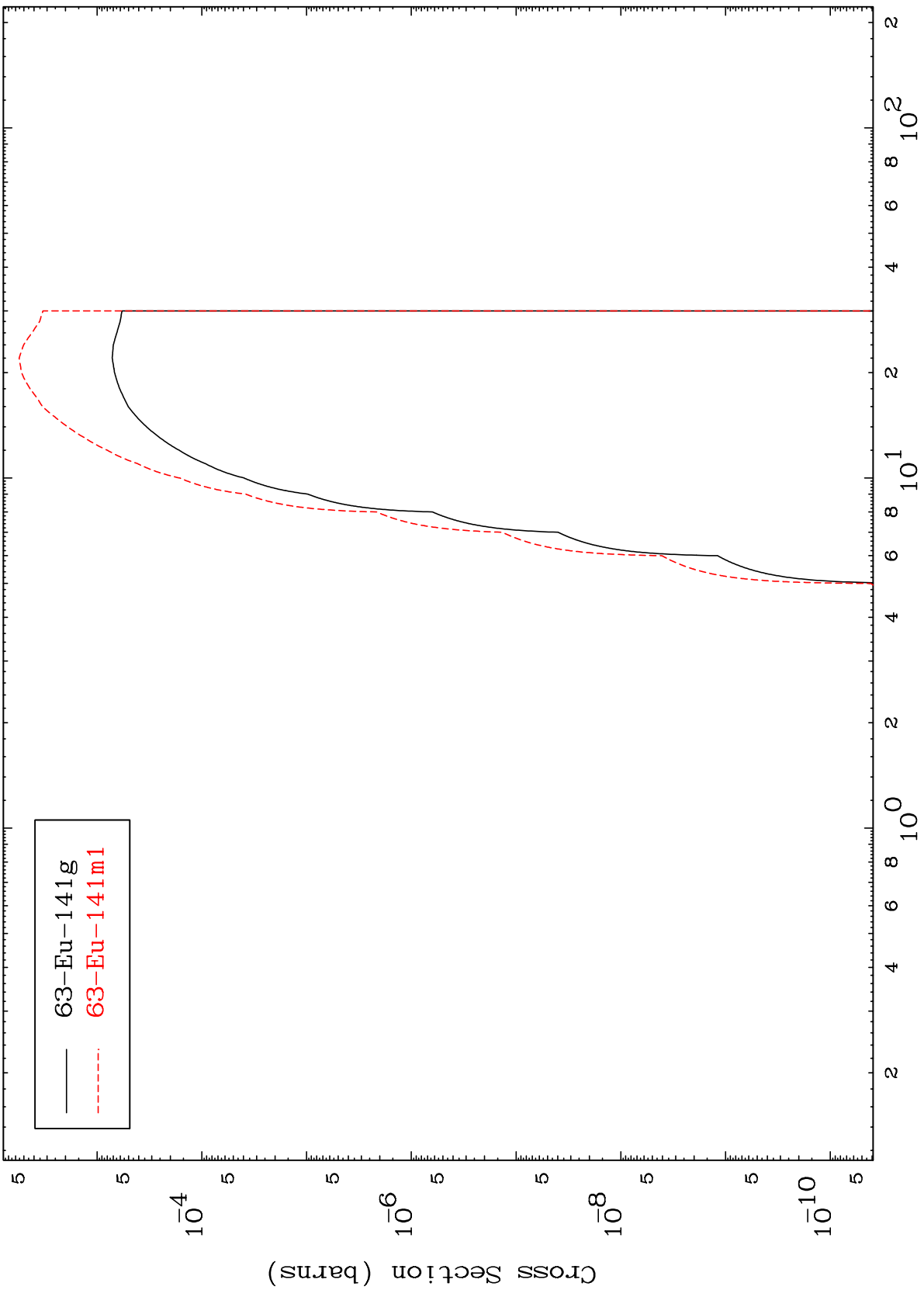
64-Gd-143m

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$(n, n') \alpha$

64-Gd-143m

Radionuclide Production Cross Section



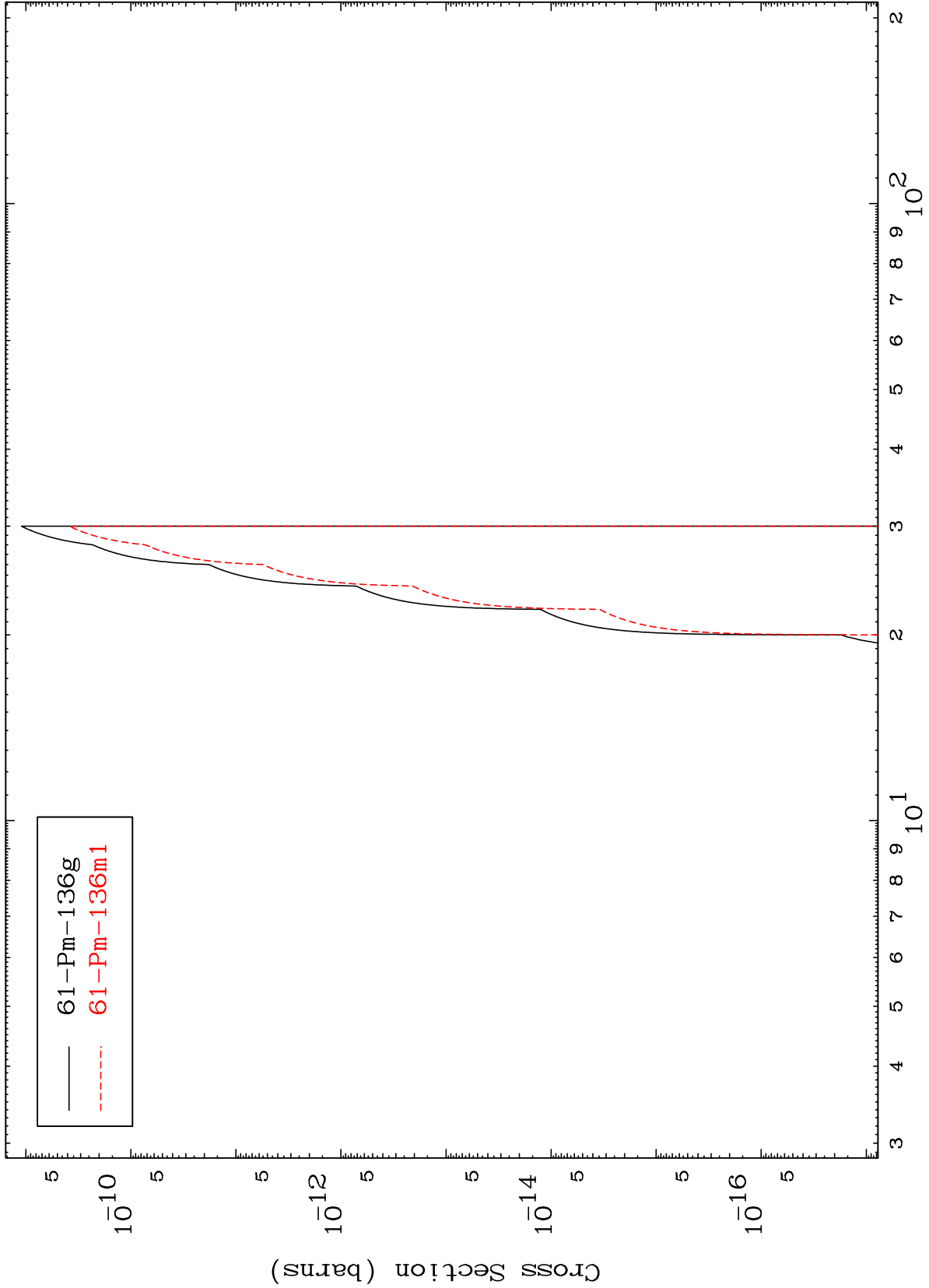
63-Eu-141g
63-Eu-141m1

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(n,2n) 2α

64-Gd-143m

Radionuclide Production Cross Section



61-Pm-136g
61-Pm-136m1

16

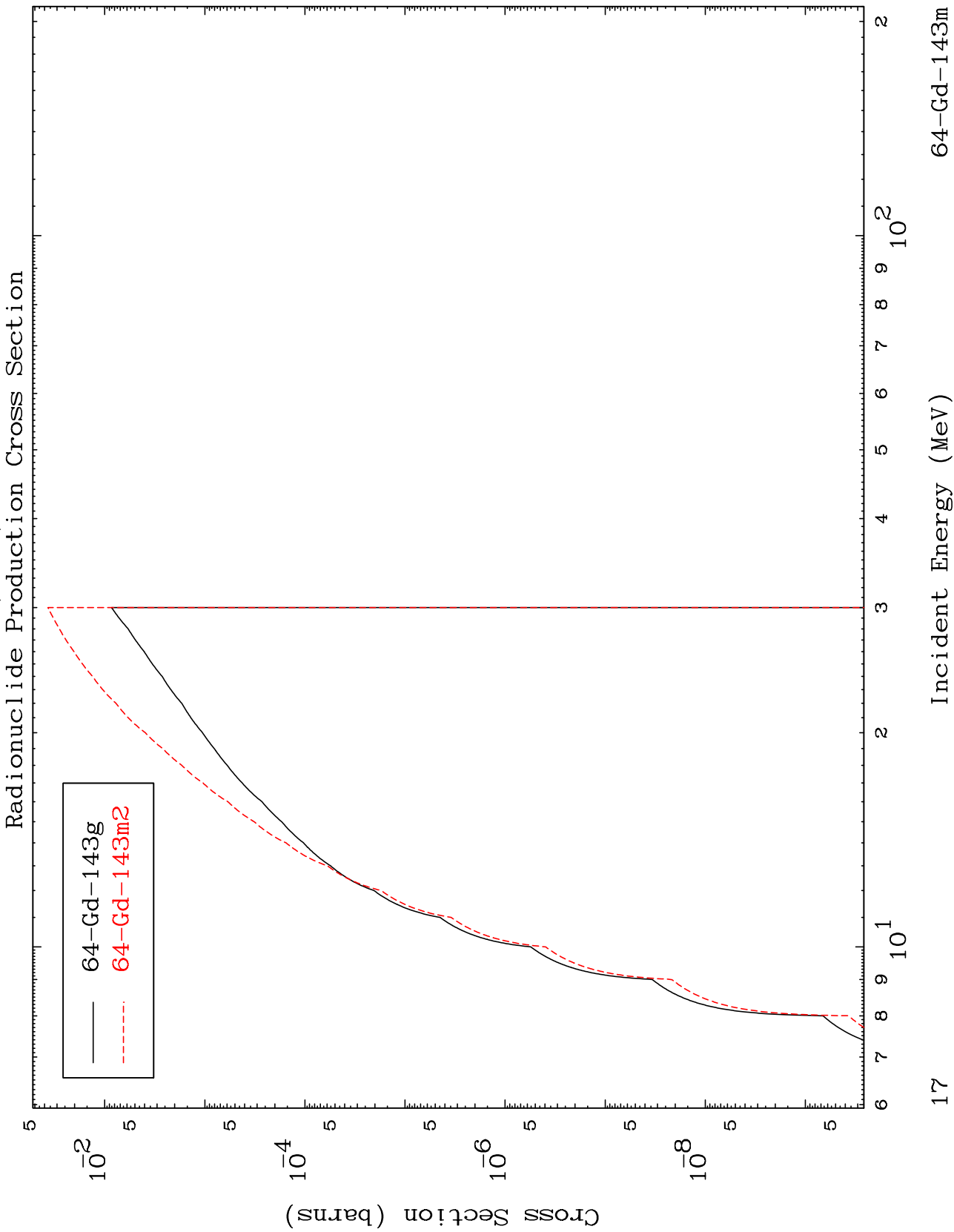
Incident Energy (MeV)

64-Gd-143m

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(n,n') d

64-Gd-143m



17

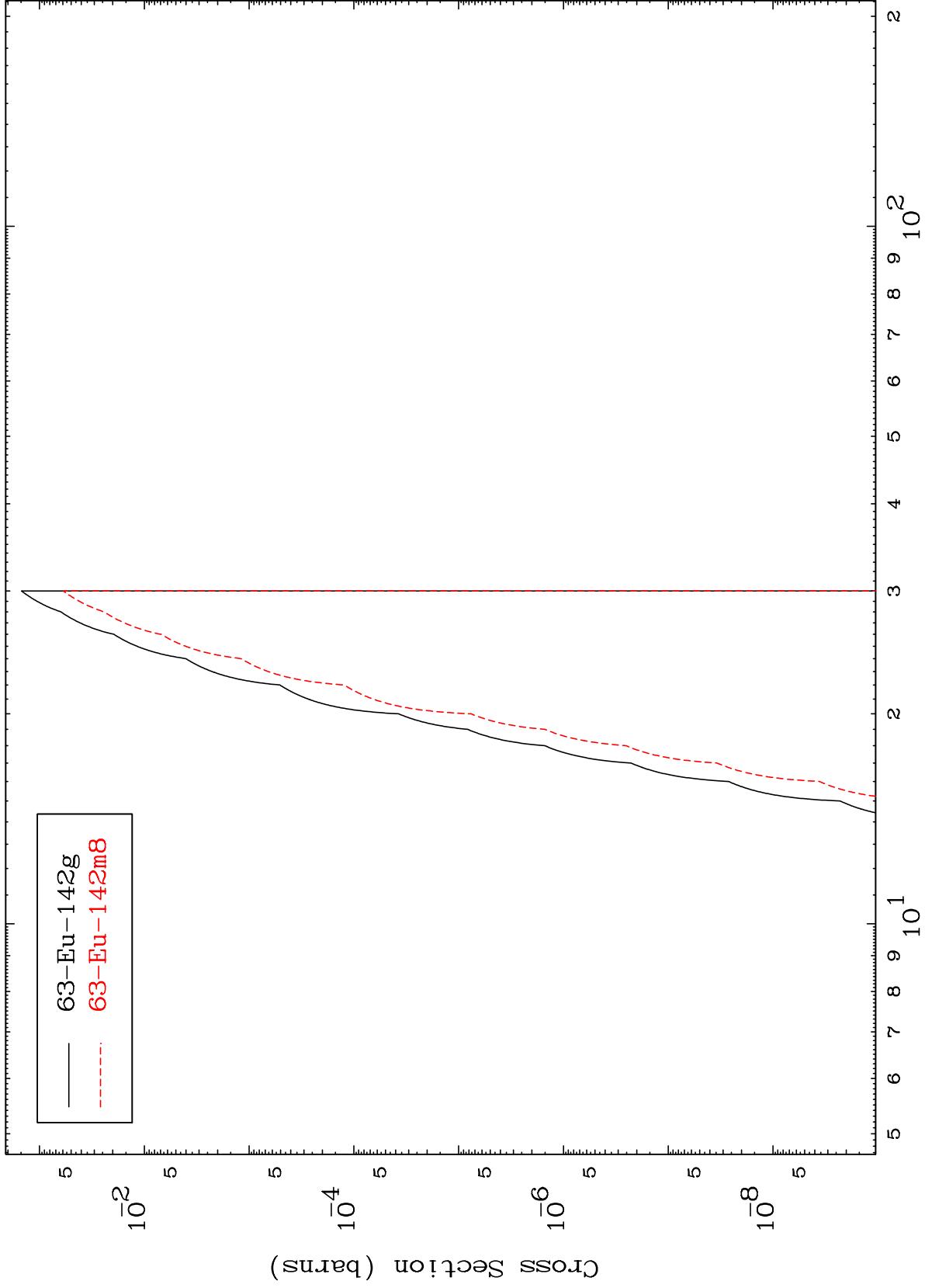
64-Gd-143m

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(n,n') He-3

64-Gd-143m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

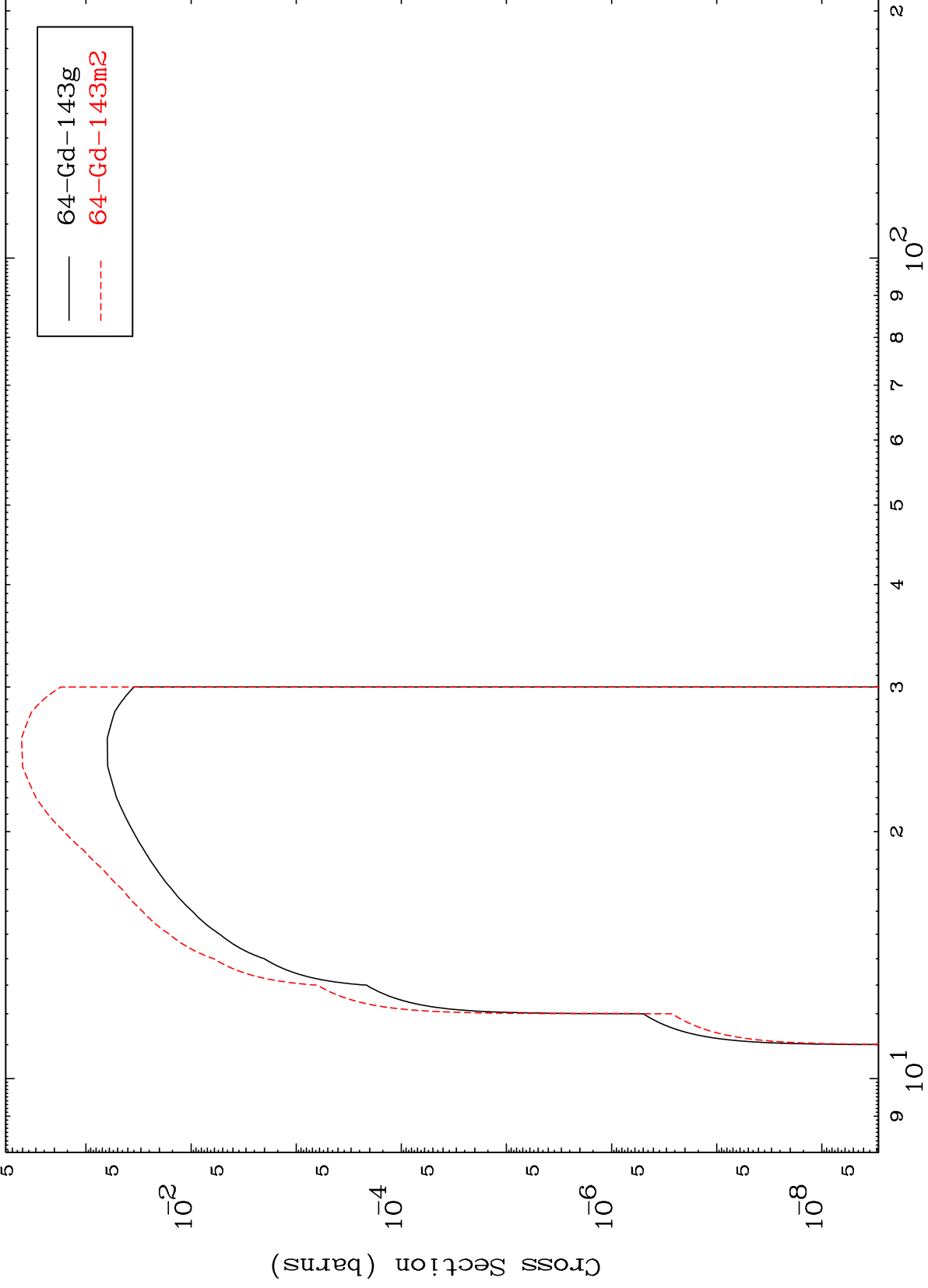
64-Gd-143m

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(n,2n) p

64-Gd-143m

Radionuclide Production Cross Section



19

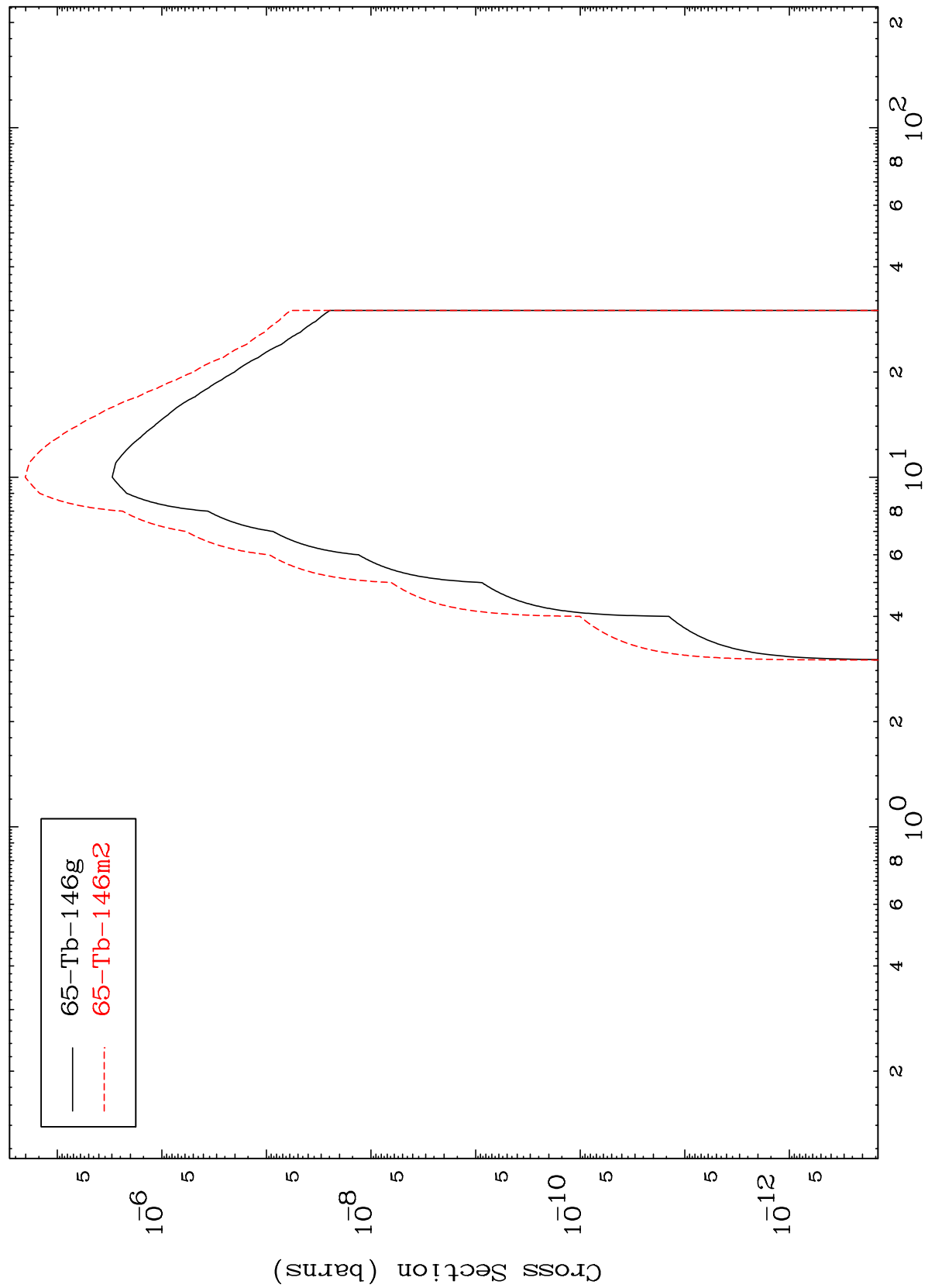
Incident Energy (MeV)

64-Gd-143m

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64-Gd-143m

Radionuclide Production Cross Section
(n, γ)

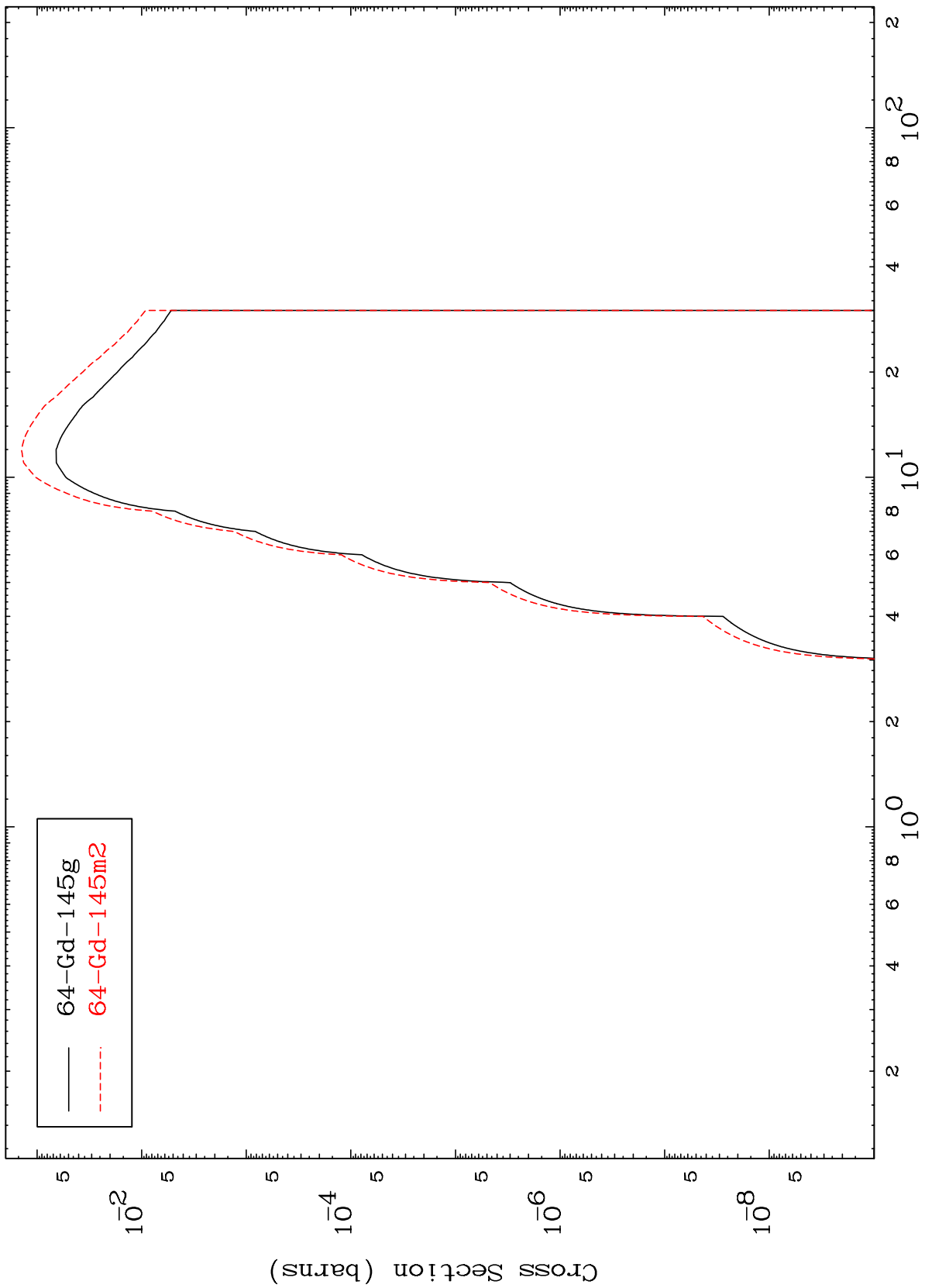


— 65-Tb-146g
- - - 65-Tb-146m2

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64-Gd-143m

(n,p)
Radionuclide Production Cross Section

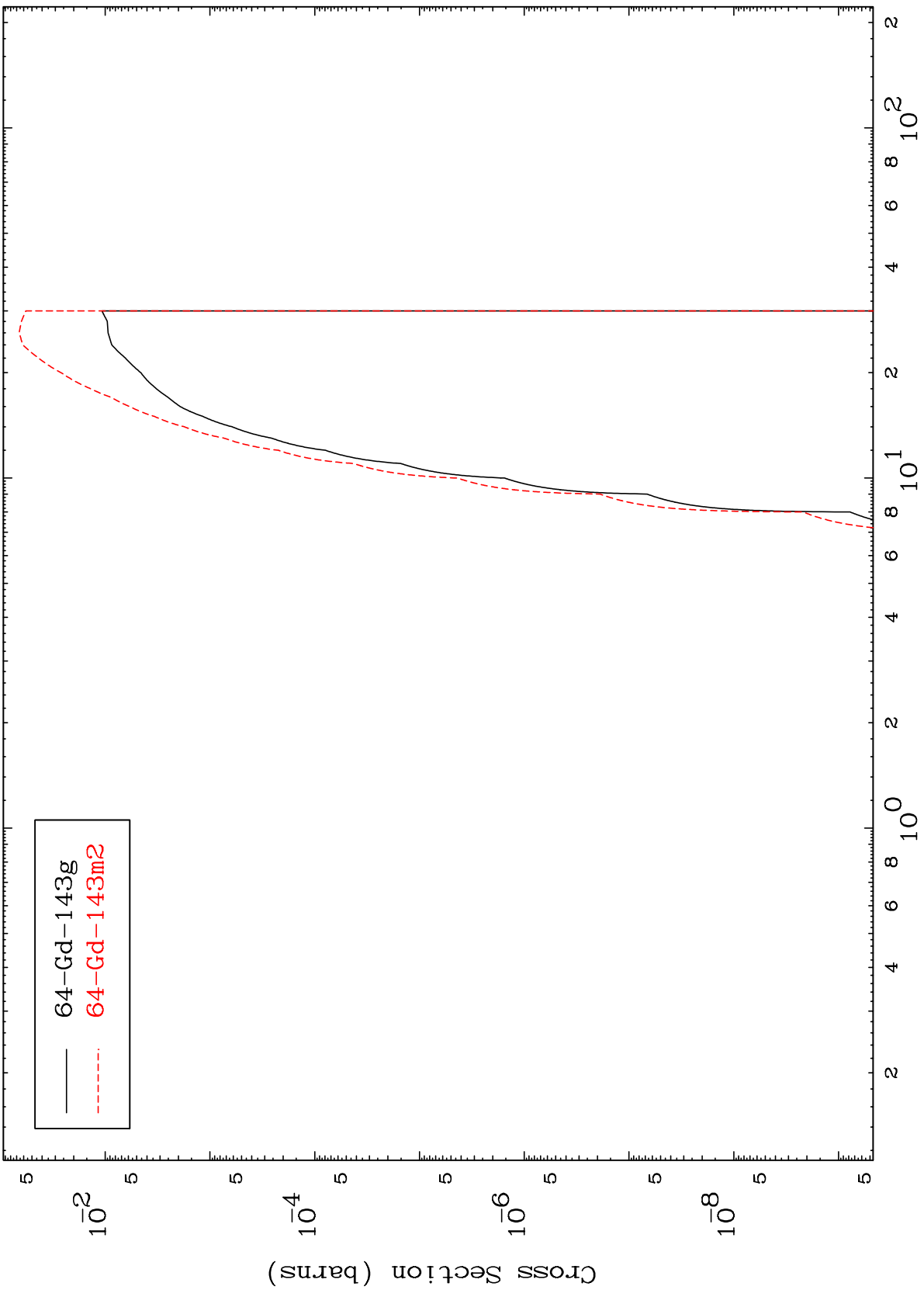


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(n, t)

64-Gd-143m

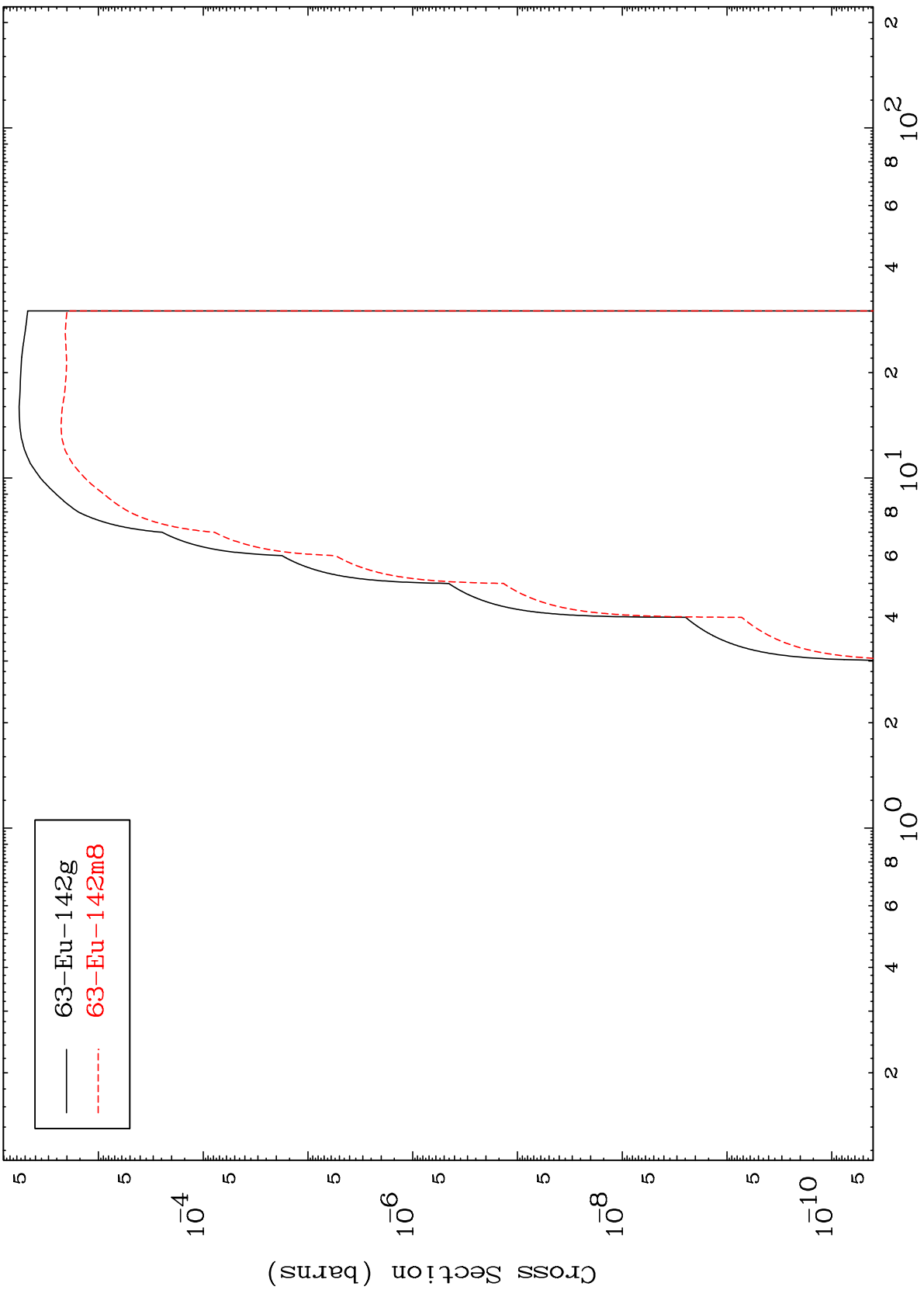
Radionuclide Production Cross Section



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64-Gd-143m

(n, α)
Radionuclide Production Cross Section



64-Gd-143m

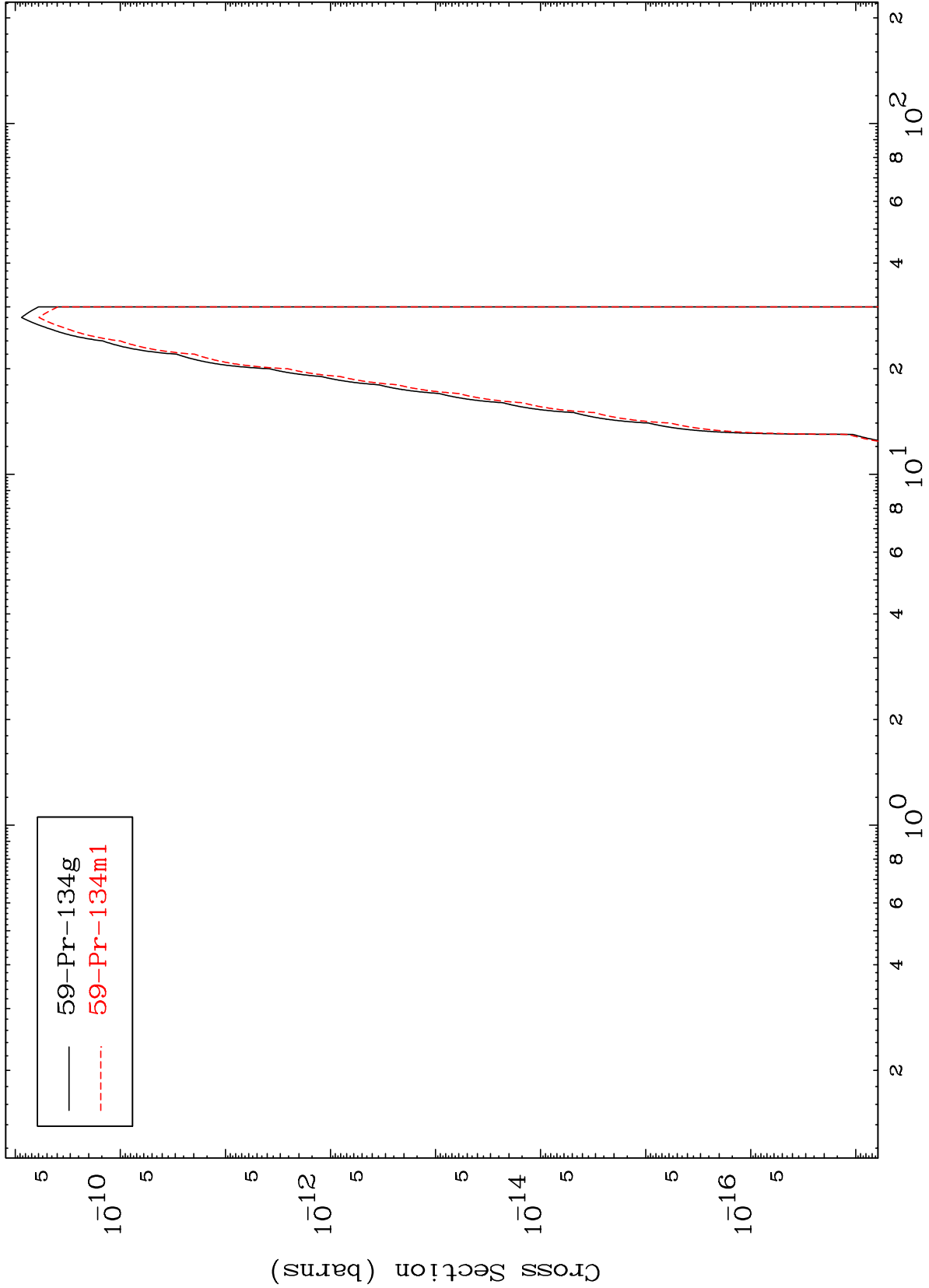
Incident Energy (MeV)

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(n, 3 α)

64-Gd-143m

Radionuclide Production Cross Section

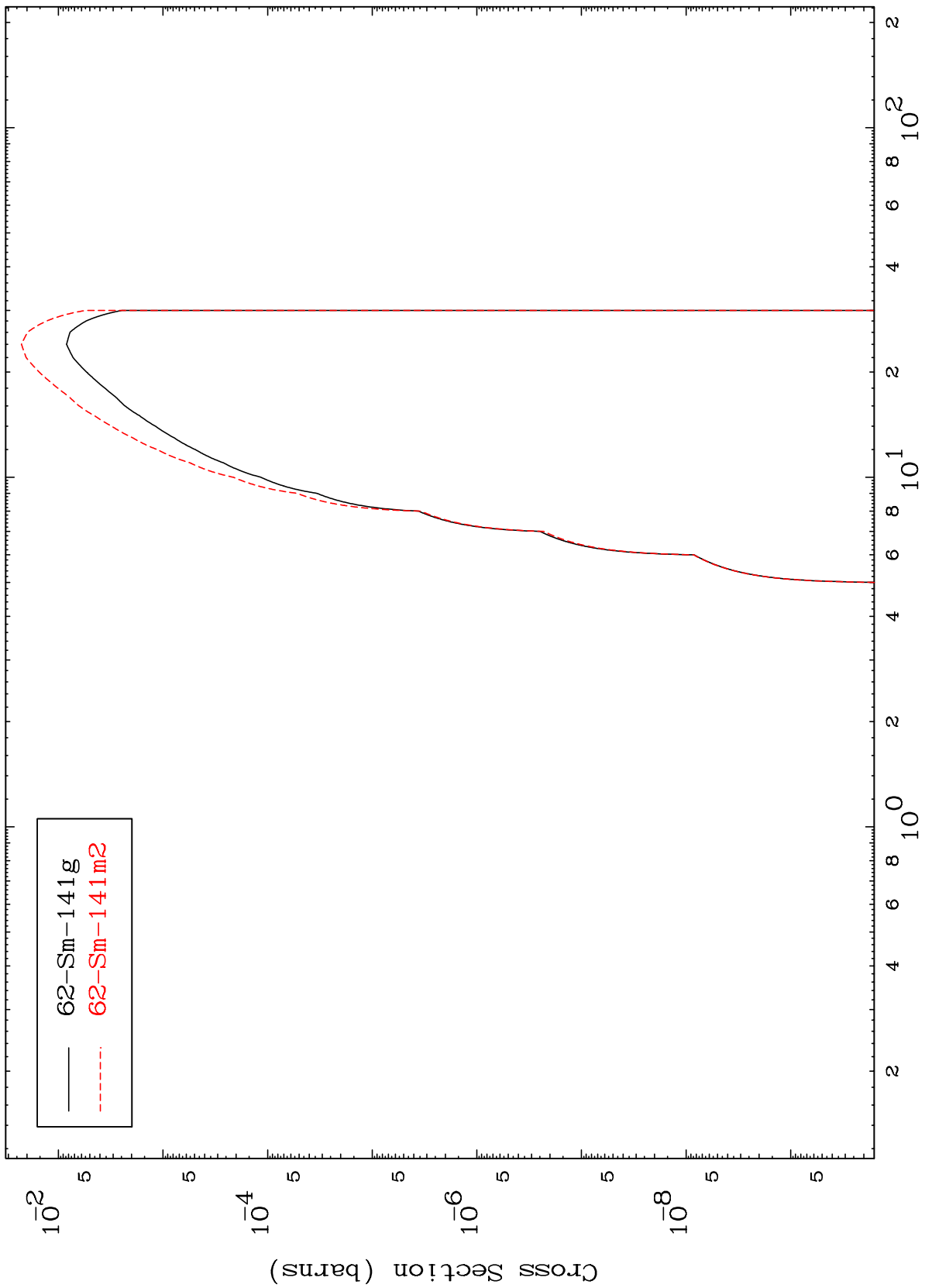


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(n,p) α

64-Gd-143m

Radionuclide Production Cross Section

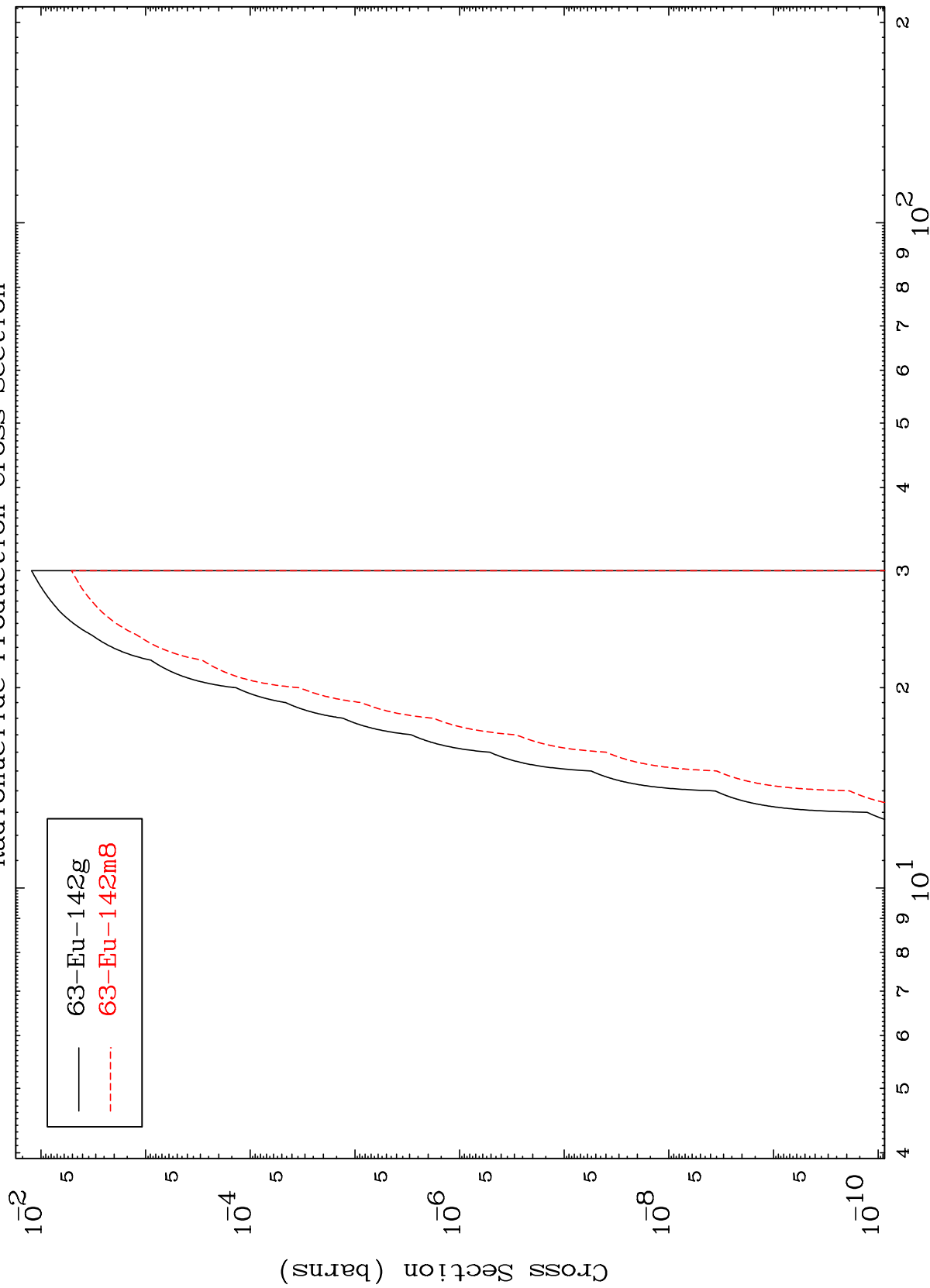


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(n,p) t

64-Gd-143m

Radionuclide Production Cross Section



63-Eu-142g
63-Eu-142m8

Incident Energy (MeV)

64-Gd-143m

26