

Program EVALPLOT
(Version 2021-1)

by

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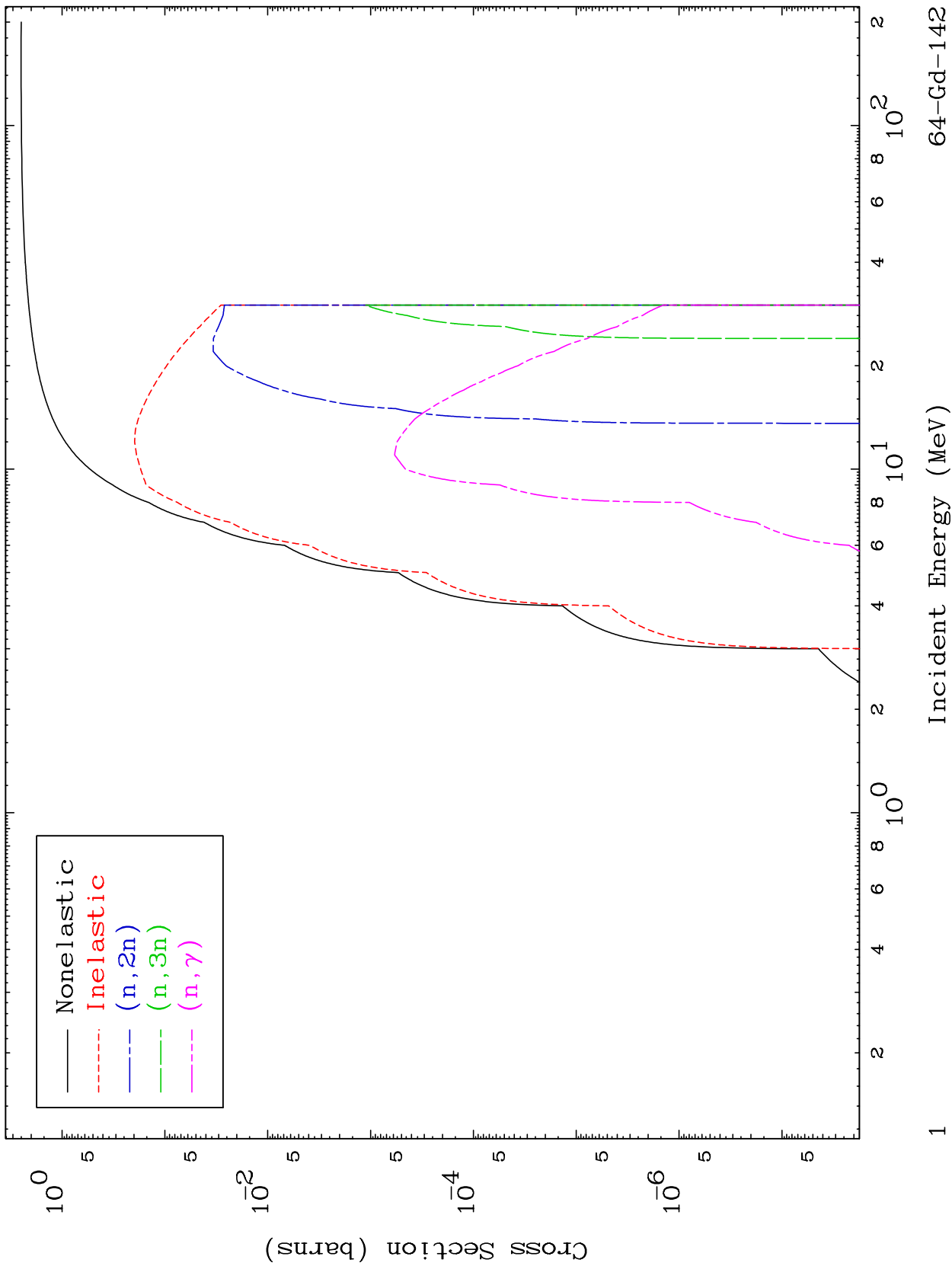
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6395

Deuteron Major
0 Kelvin Cross Sections

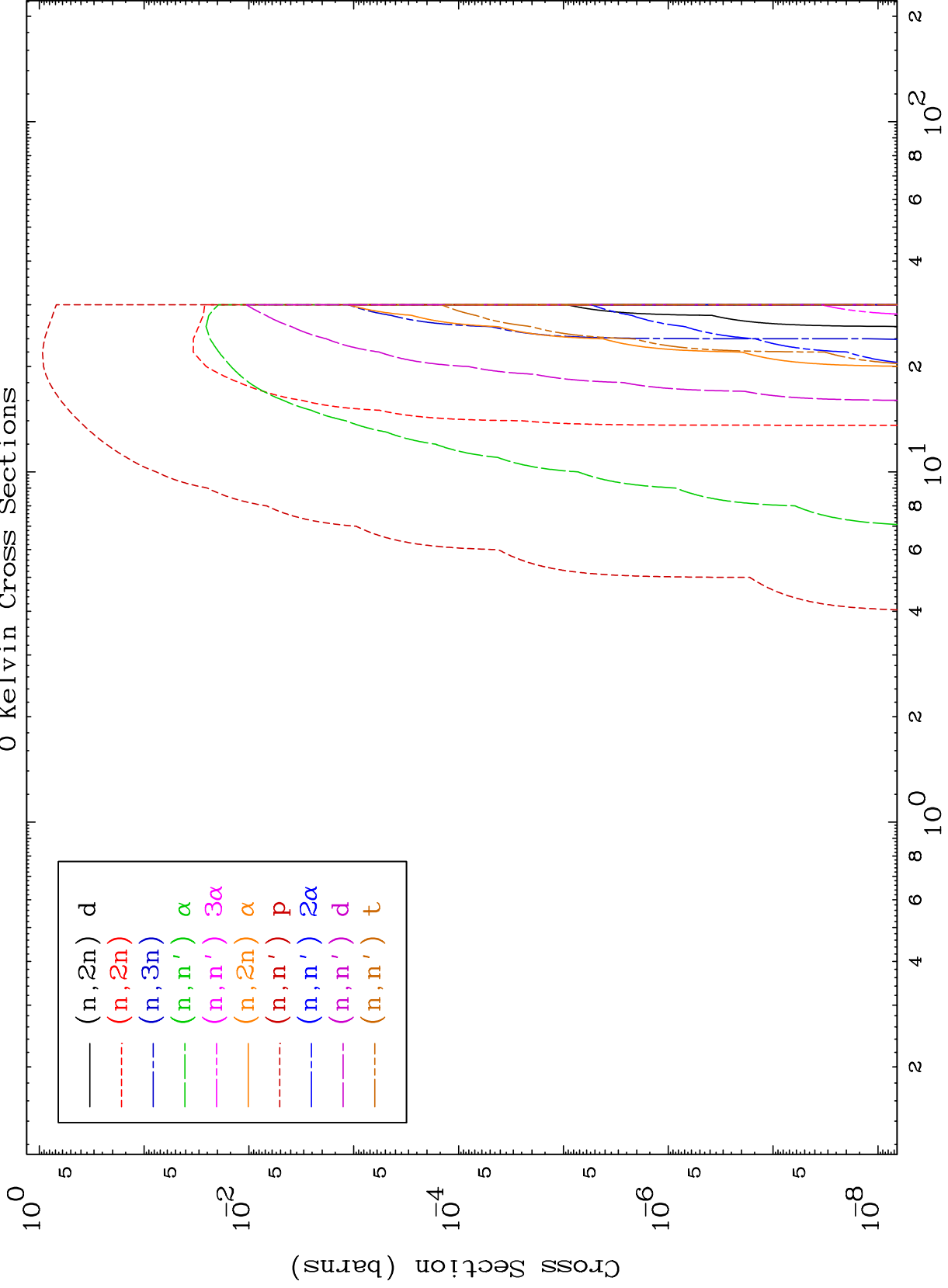
64-Gd-142

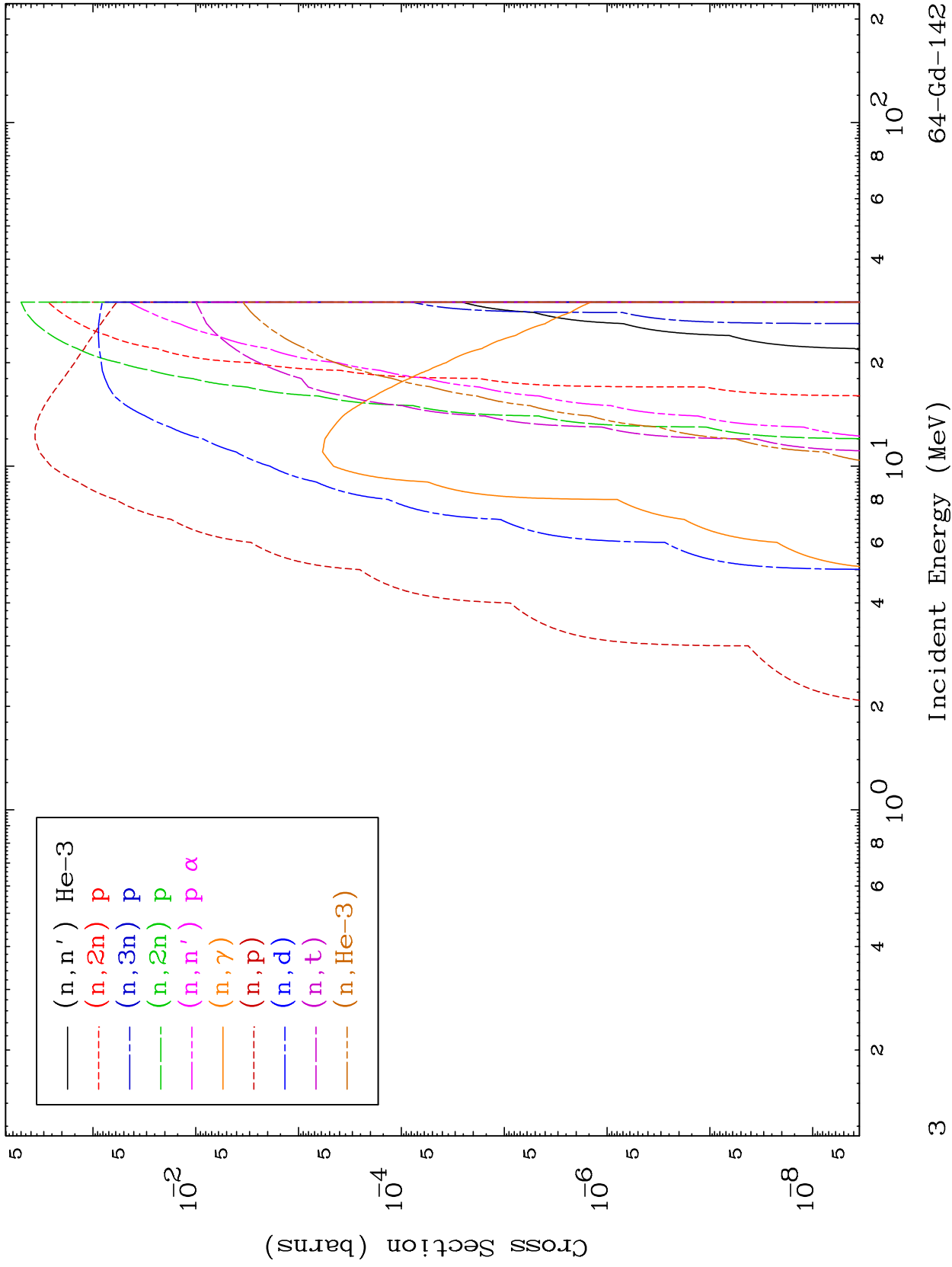


MAT 6395

Deuteron Neutron Absorption
0 Kelvin Cross Sections

64-Gd-142

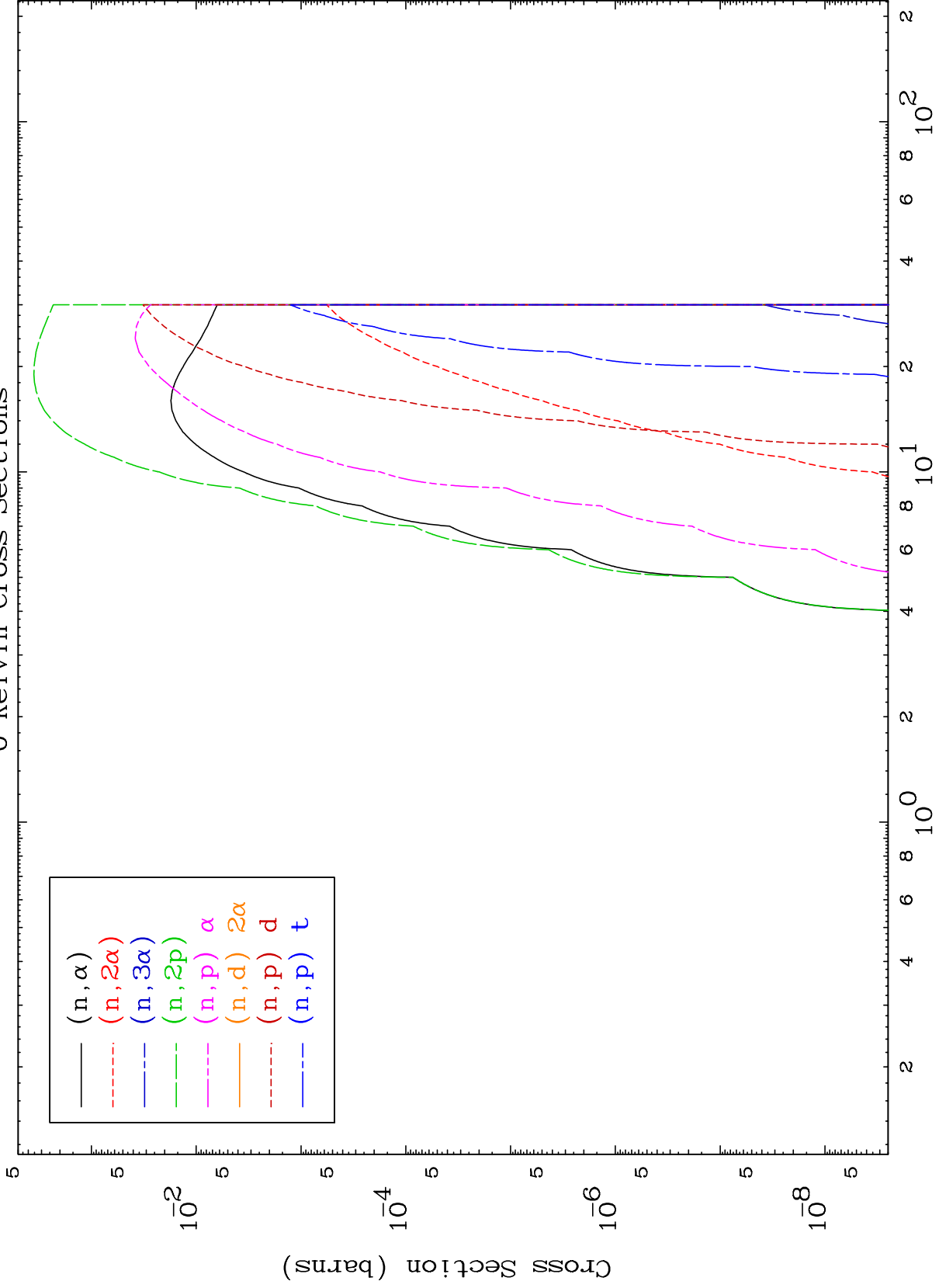




MAT 6395

Deuteron Neutron Absorption
0 Kelvin Cross Sections

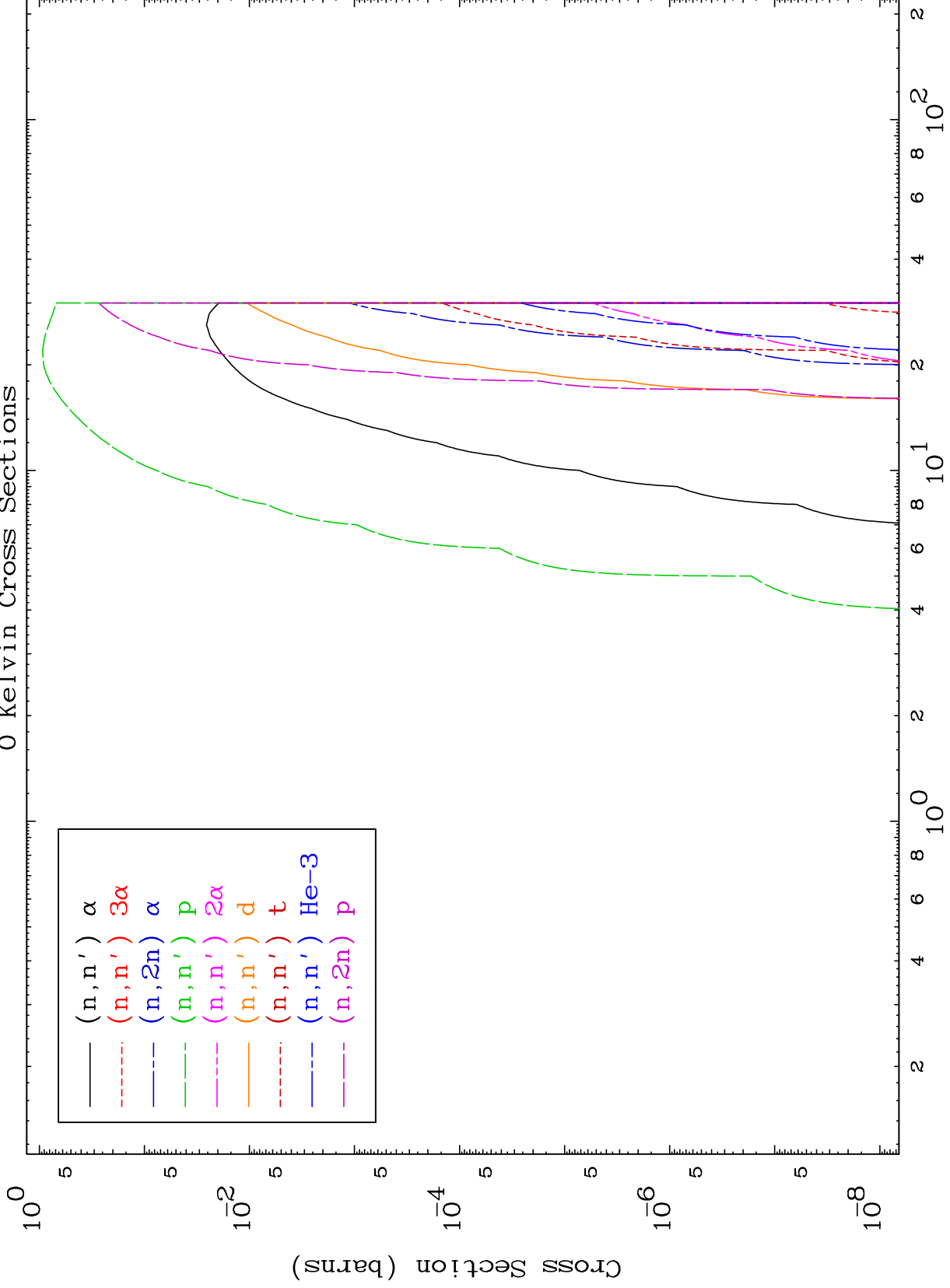
64-Gd-142



MAT 6395

Deuteron Charged Particle
0 Kelvin Cross Sections

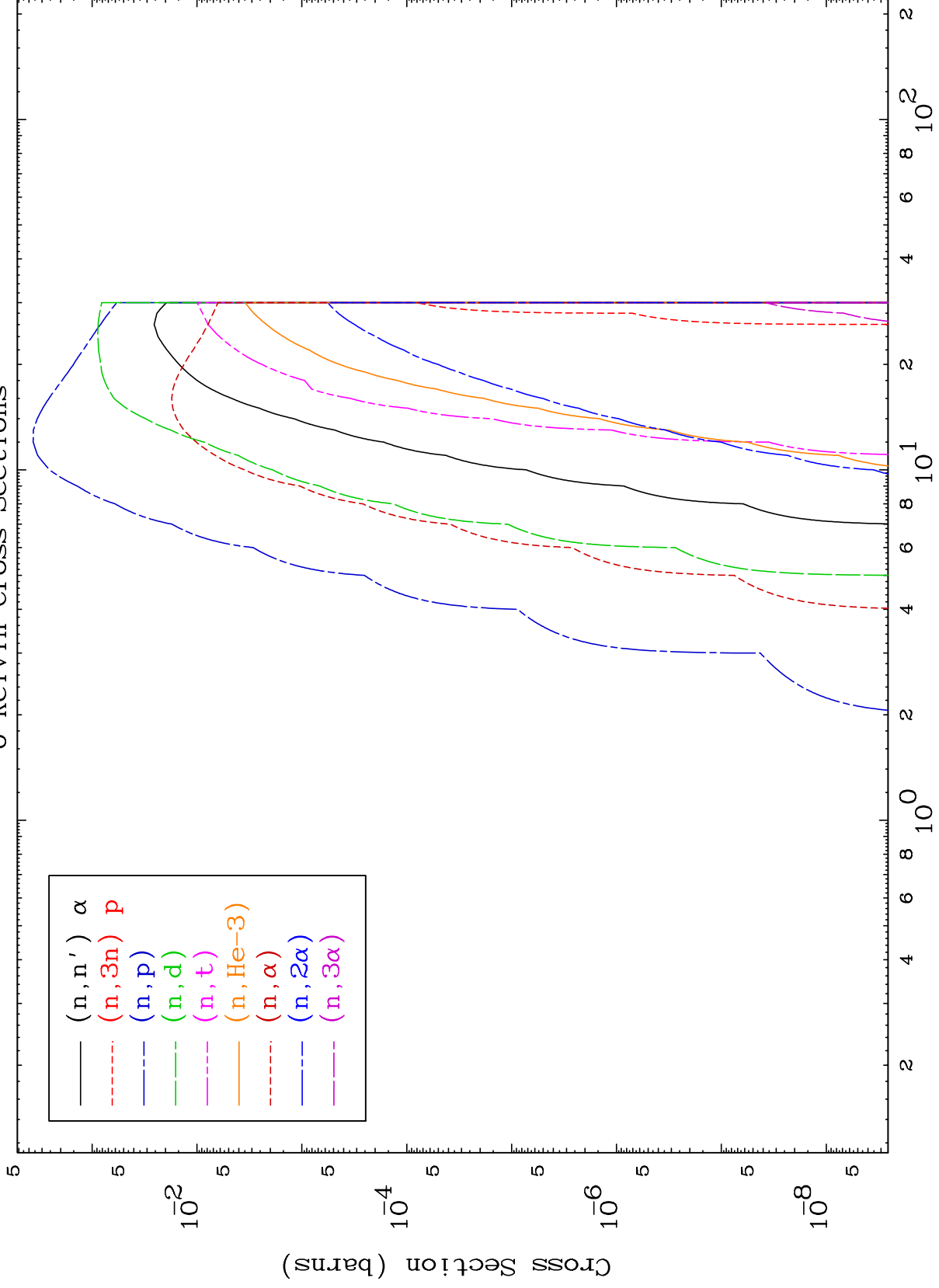
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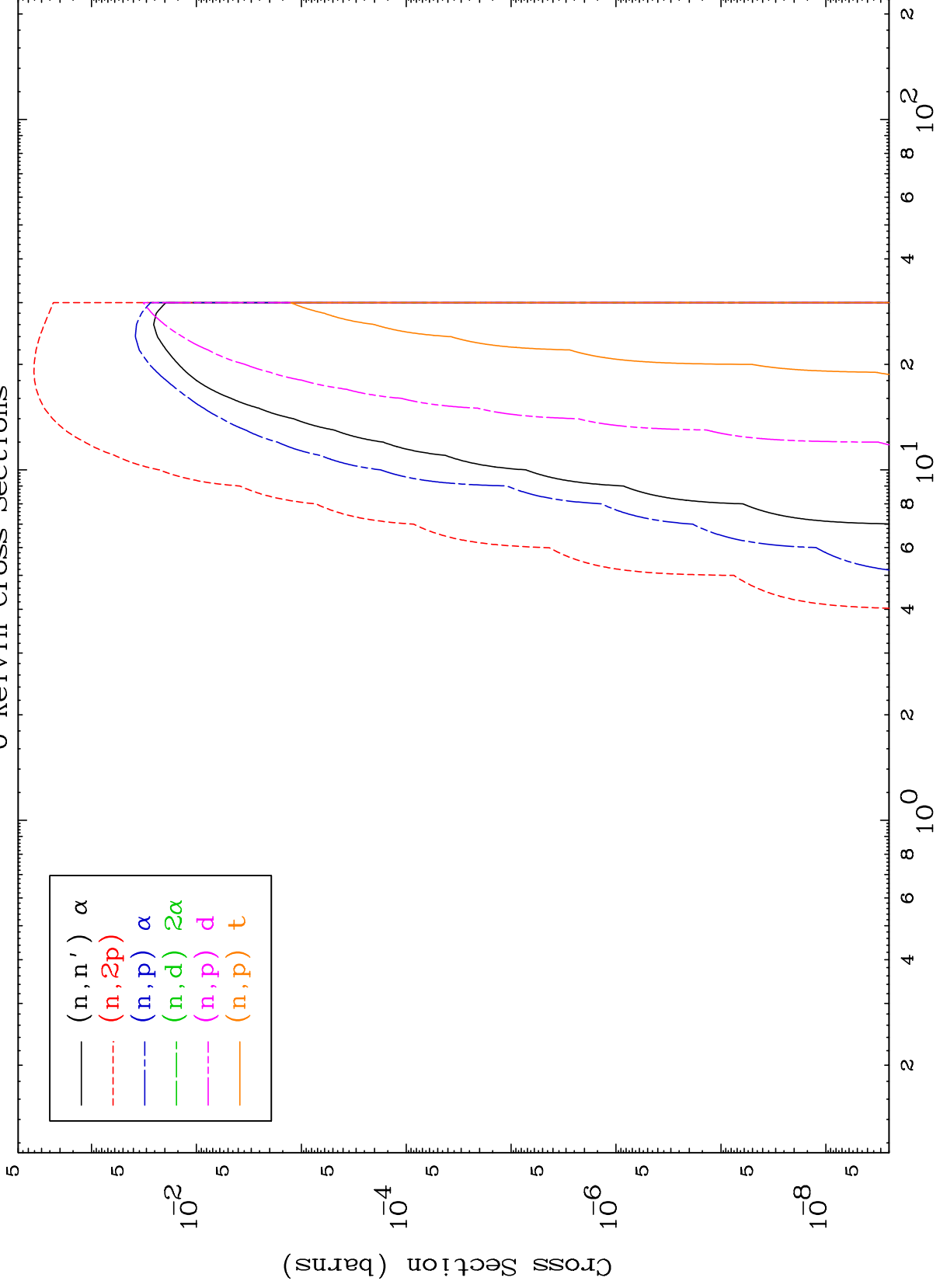


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Incident Energy (MeV)

64-Gd-142

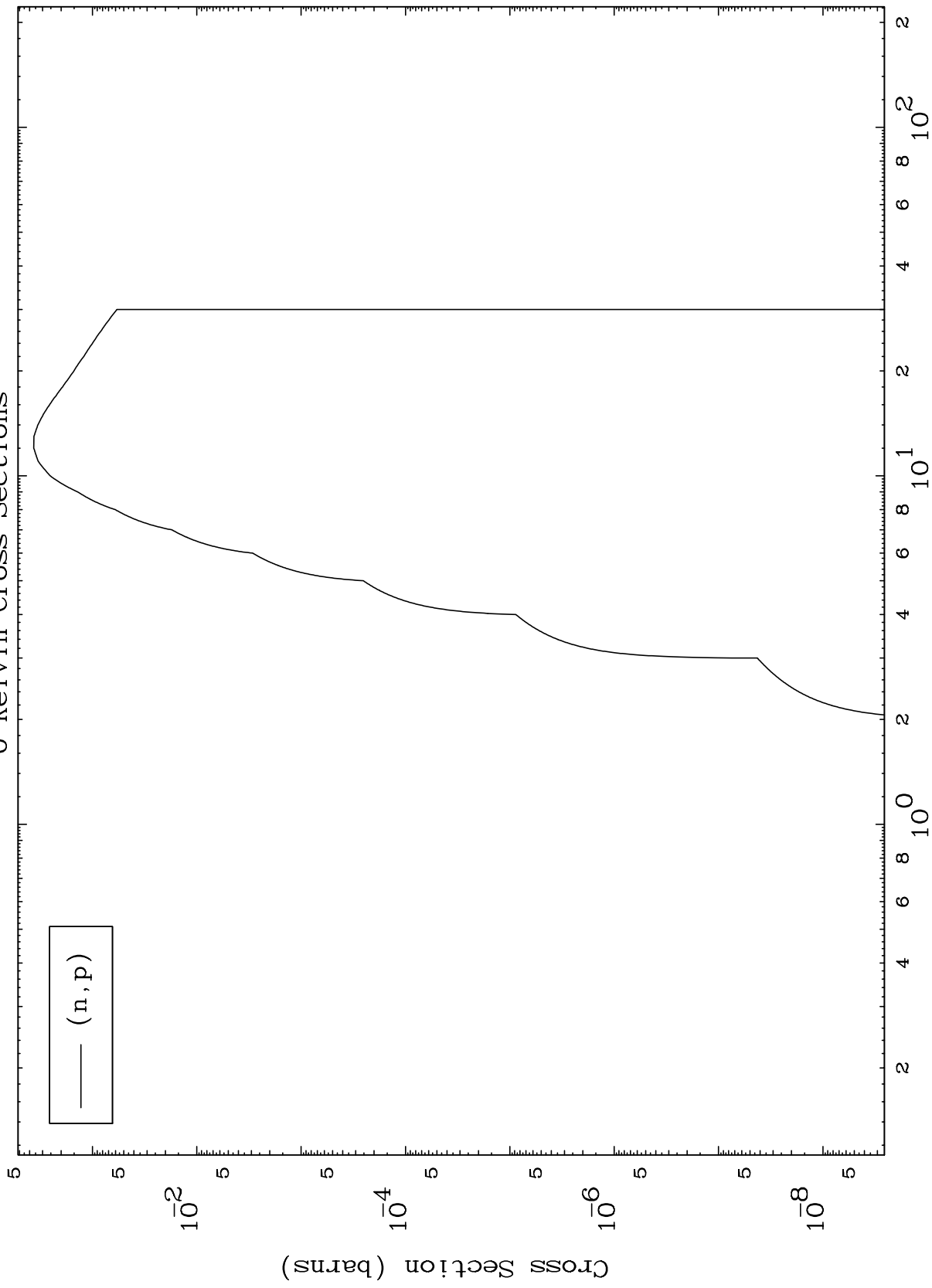




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64-Gd-142

(d,p) Levels
0 Kelvin Cross Sections

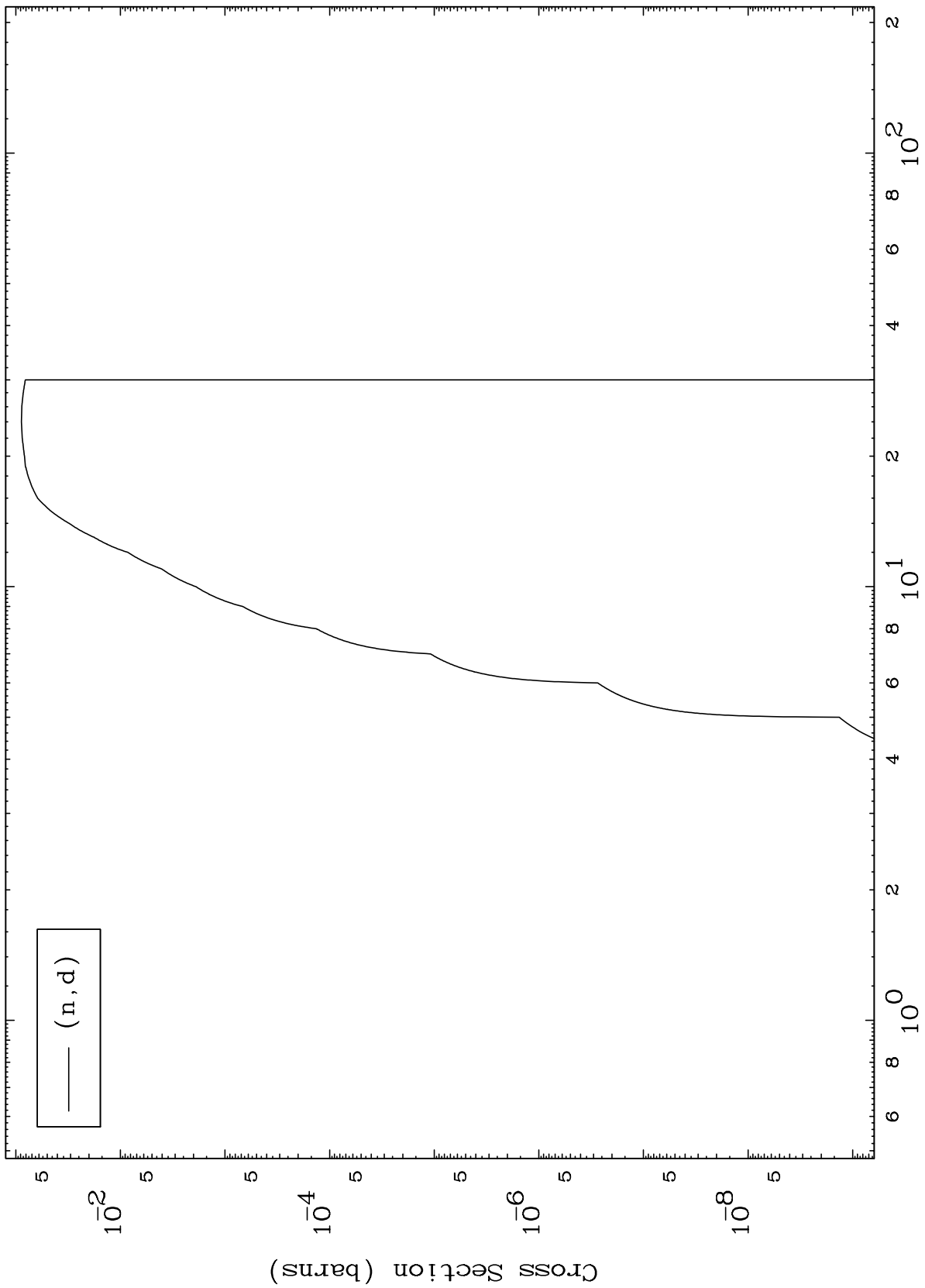


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(d,d) Levels

64-Gd-142

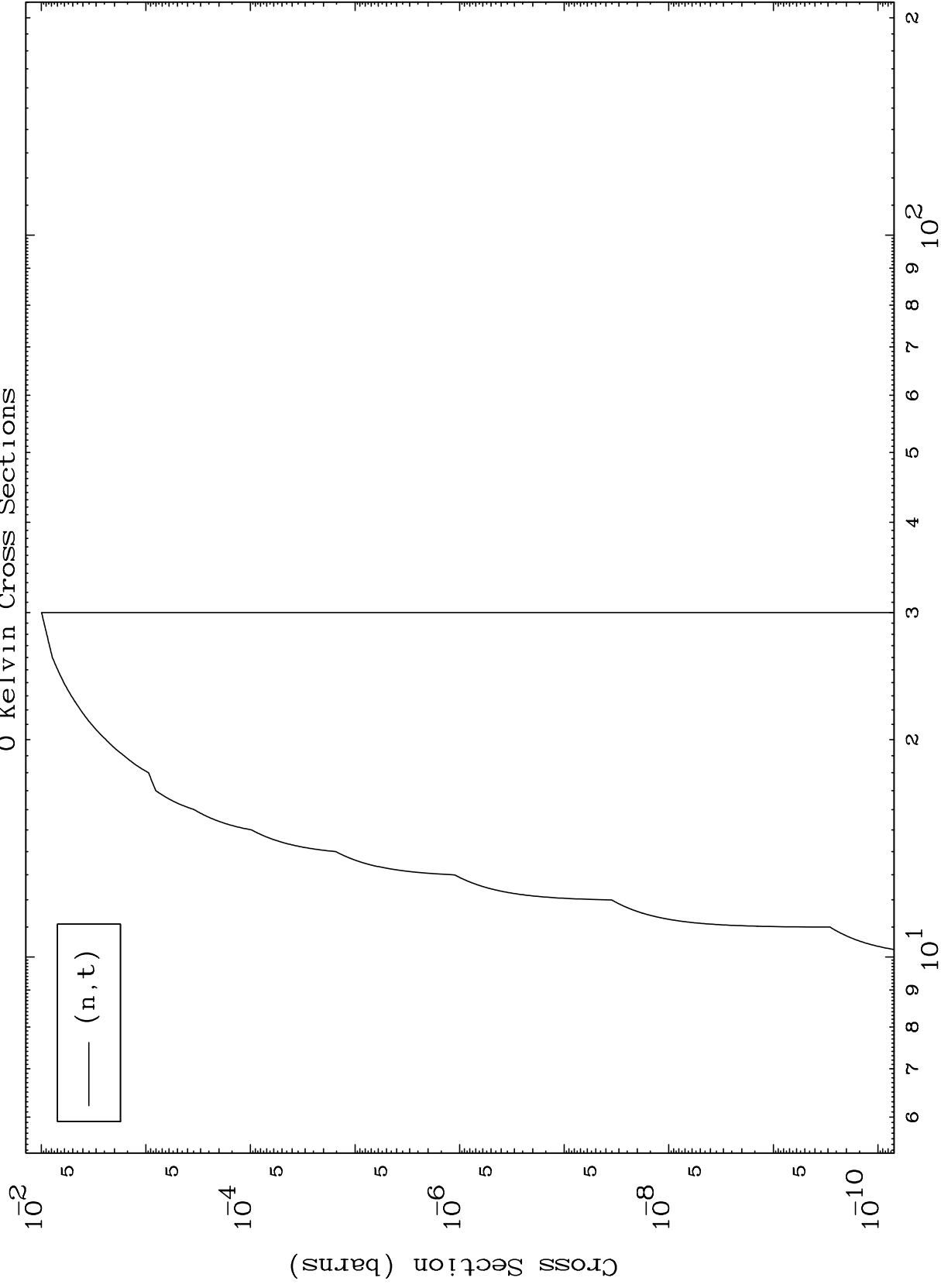
0 Kelvin Cross Sections



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(d, t) Levels
0 Kelvin Cross Sections

64-Gd-142



10

Incident Energy (MeV)

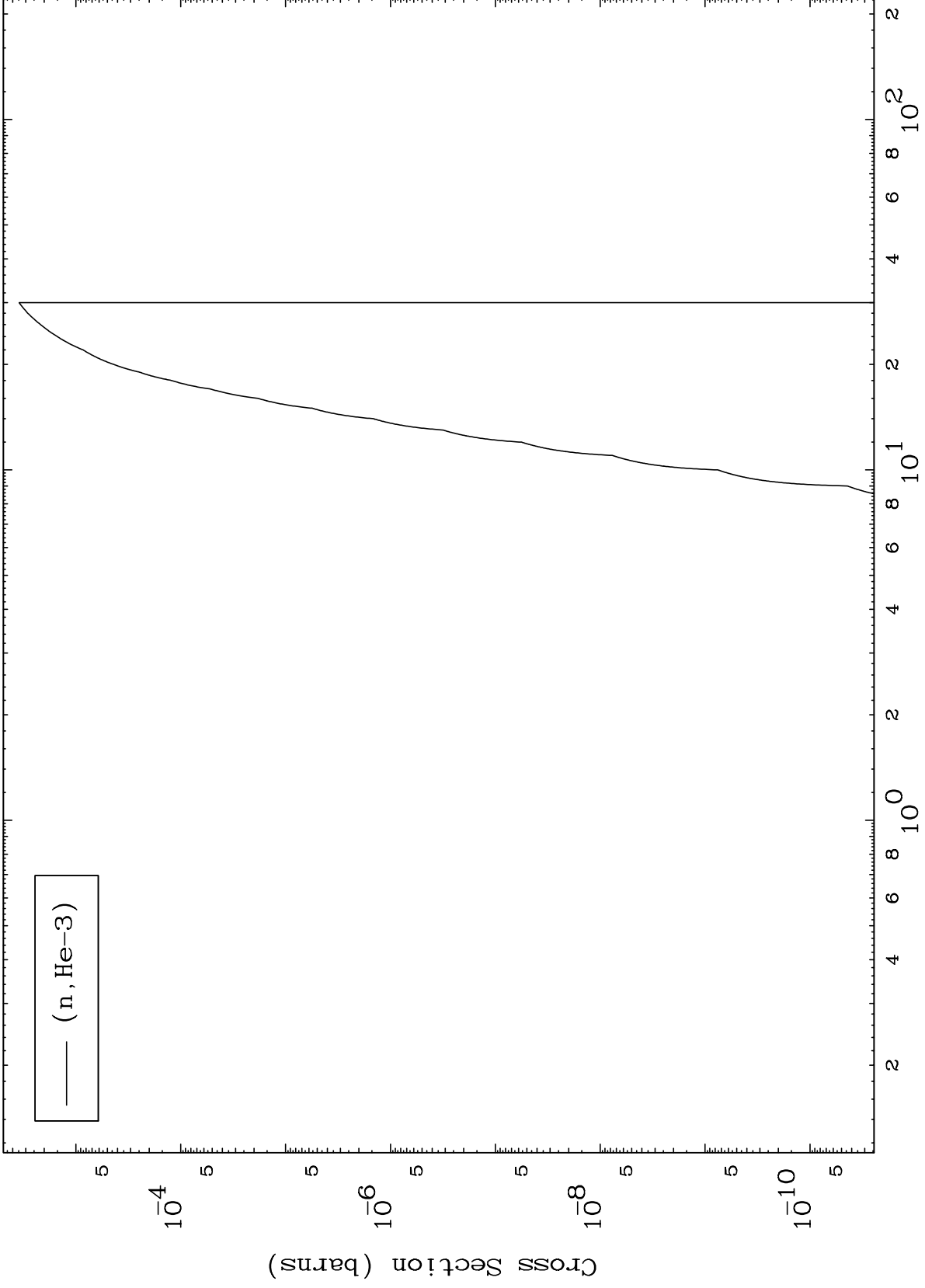
64-Gd-142

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(d,He3) Levels

64-Gd-142

0 Kelvin Cross Sections

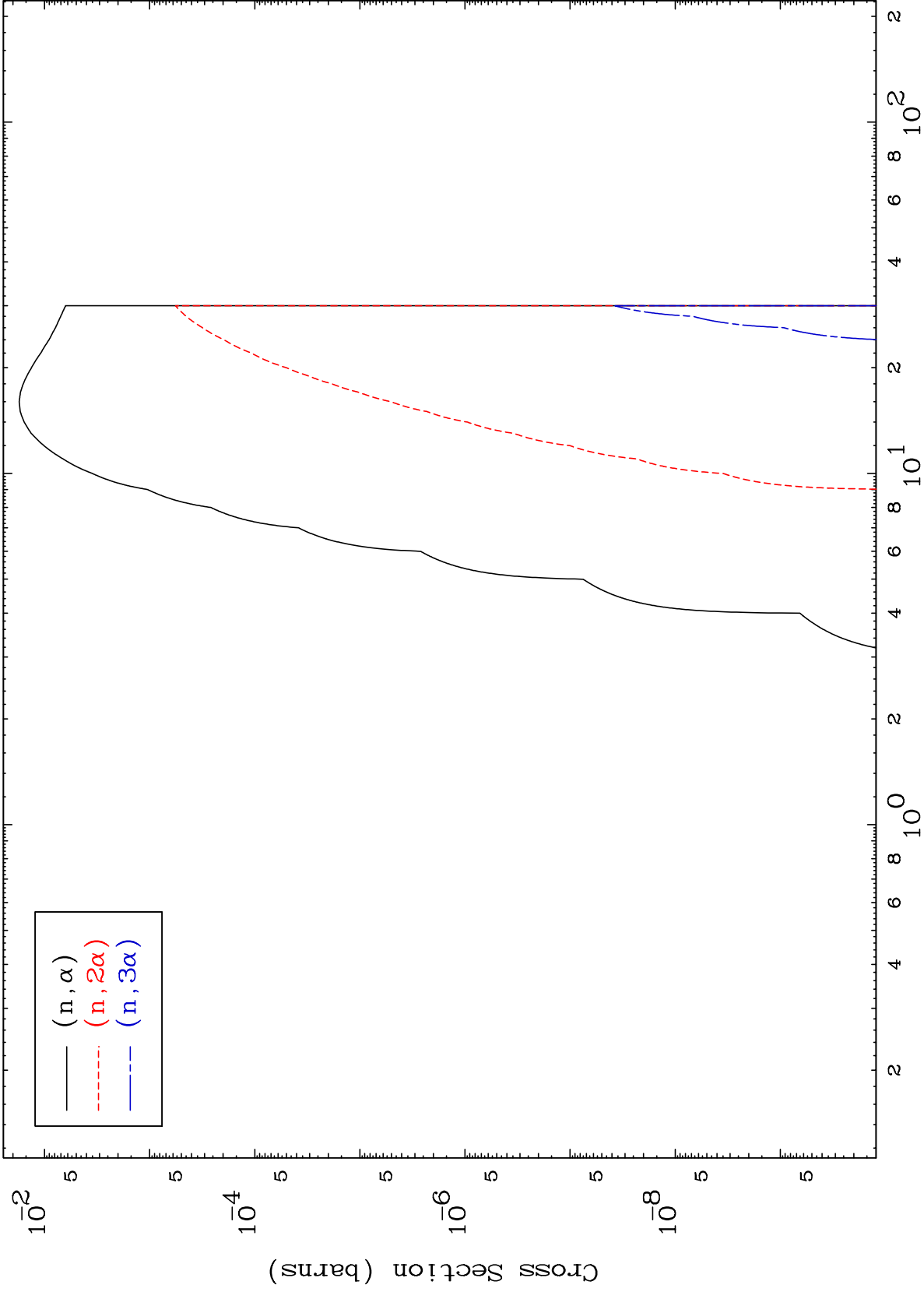


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(d, α) Levels

64-Gd-142

0 Kelvin Cross Sections



12

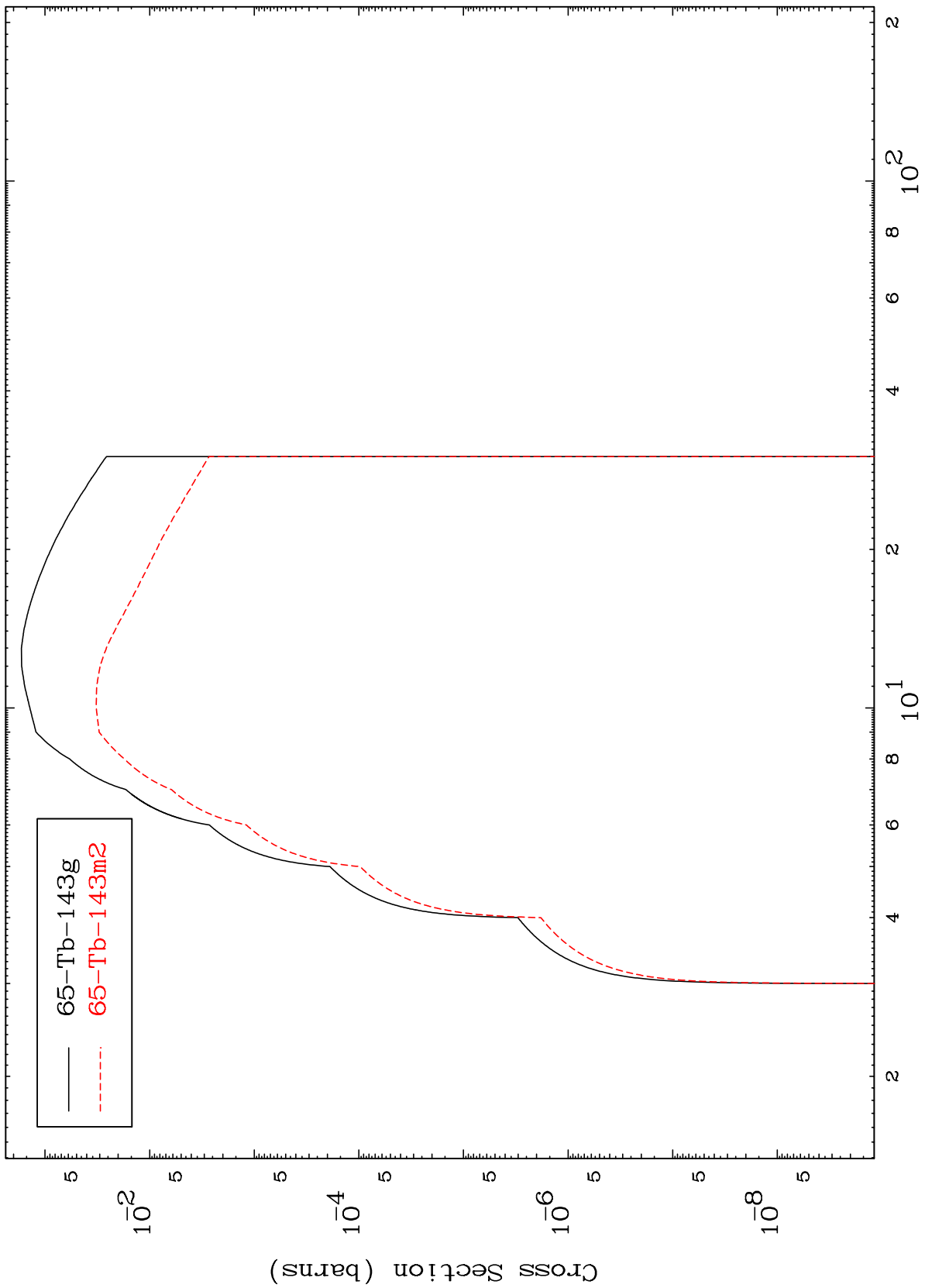
Incident Energy (MeV)

64-Gd-142

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64-Gd-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

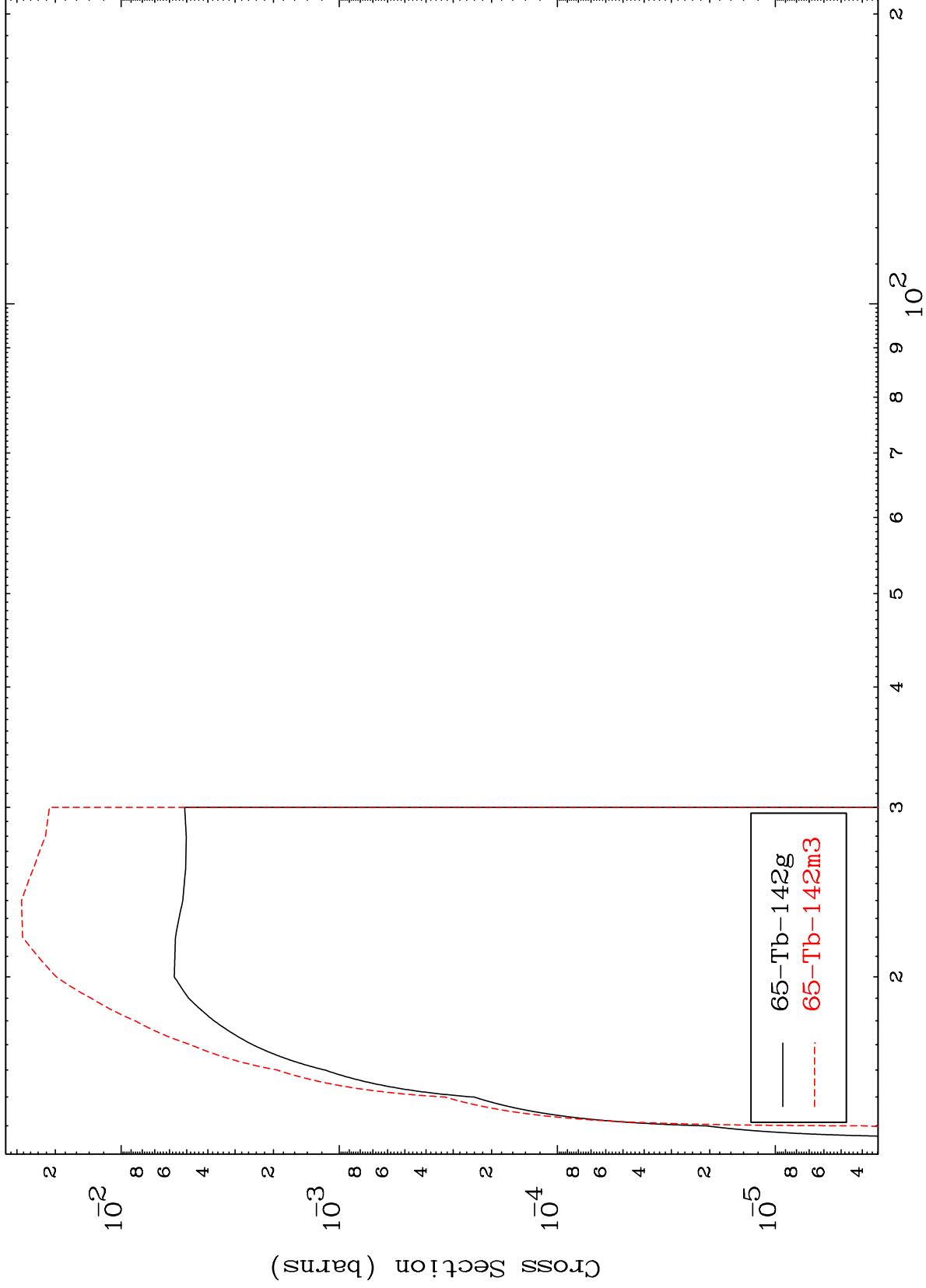
64-Gd-142

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(n,2n)

64-Gd-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

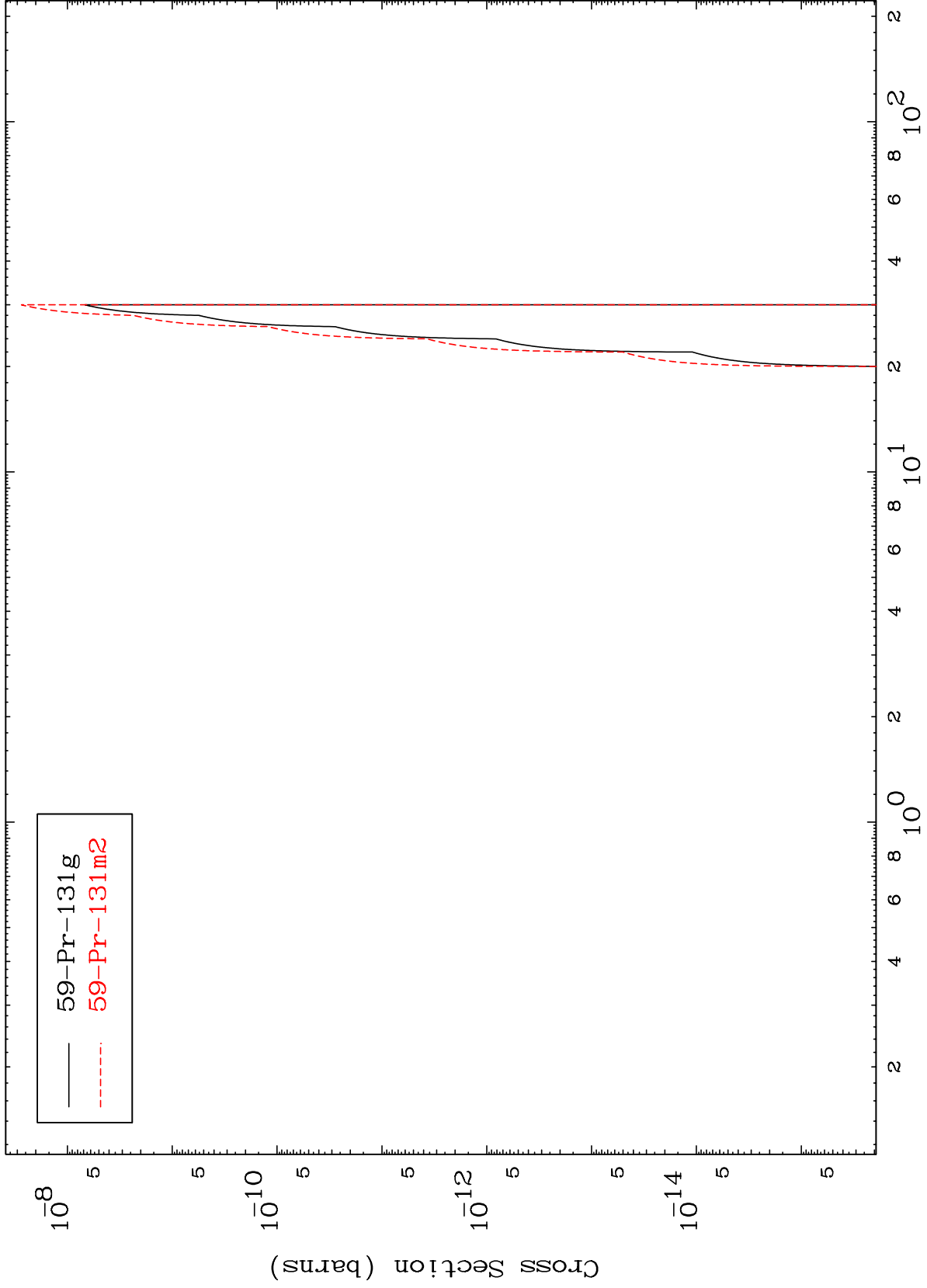
64-Gd-142

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(n,n') 3 α

64-Gd-142

Radionuclide Production Cross Section



15

Incident Energy (MeV)

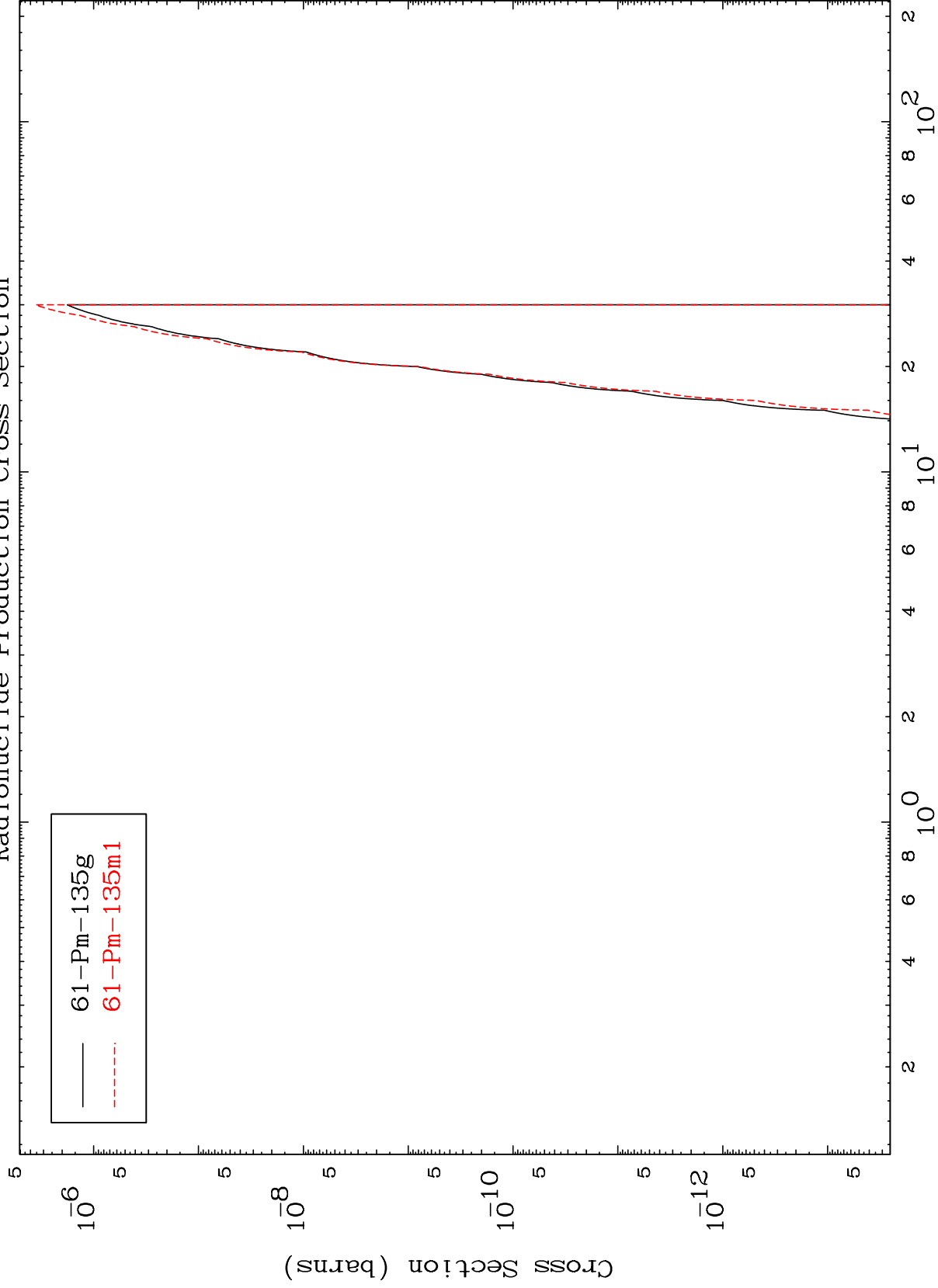
64-Gd-142

MAT 6395

(n,n') 2 α

64-Gd-142

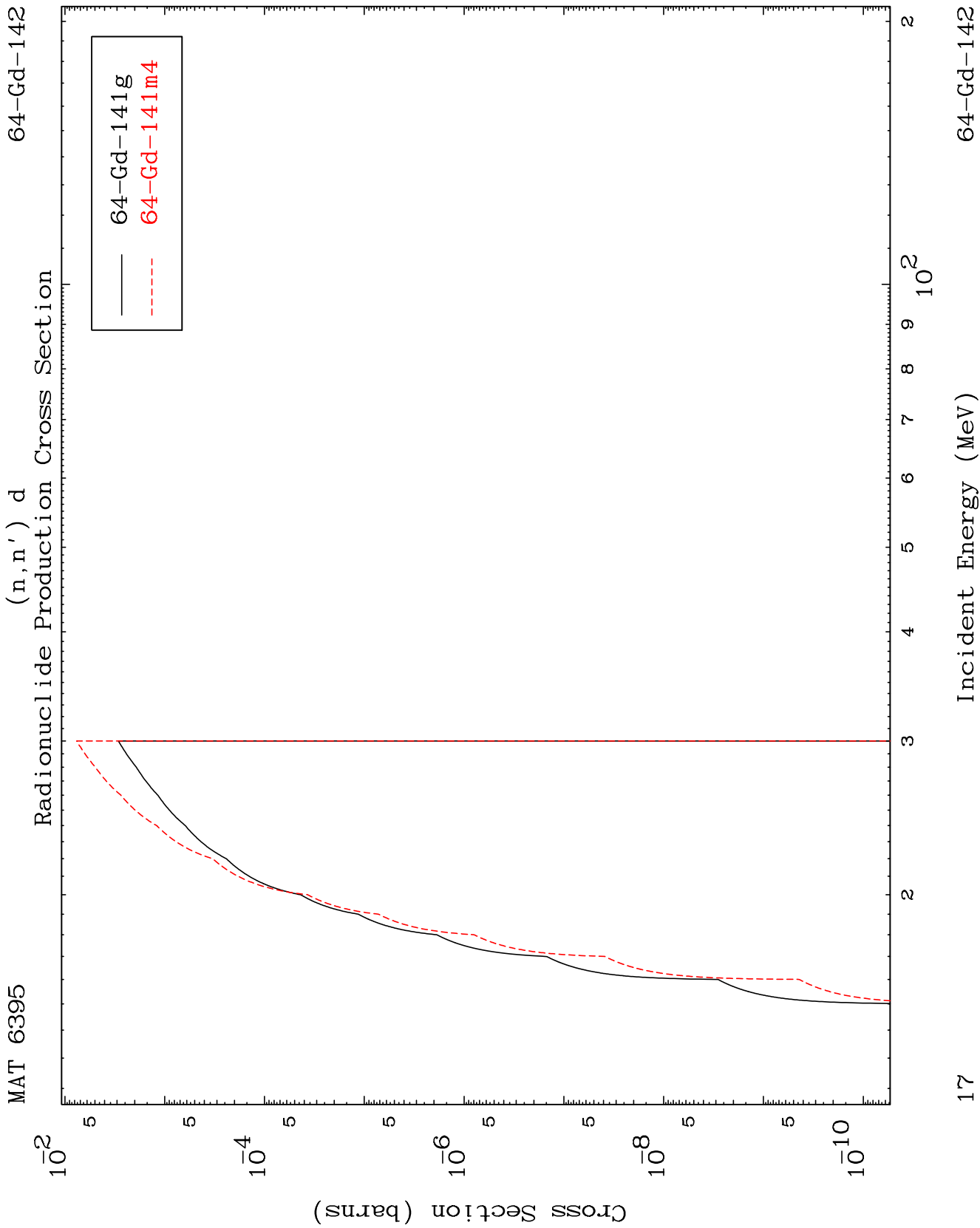
Radionuclide Production Cross Section



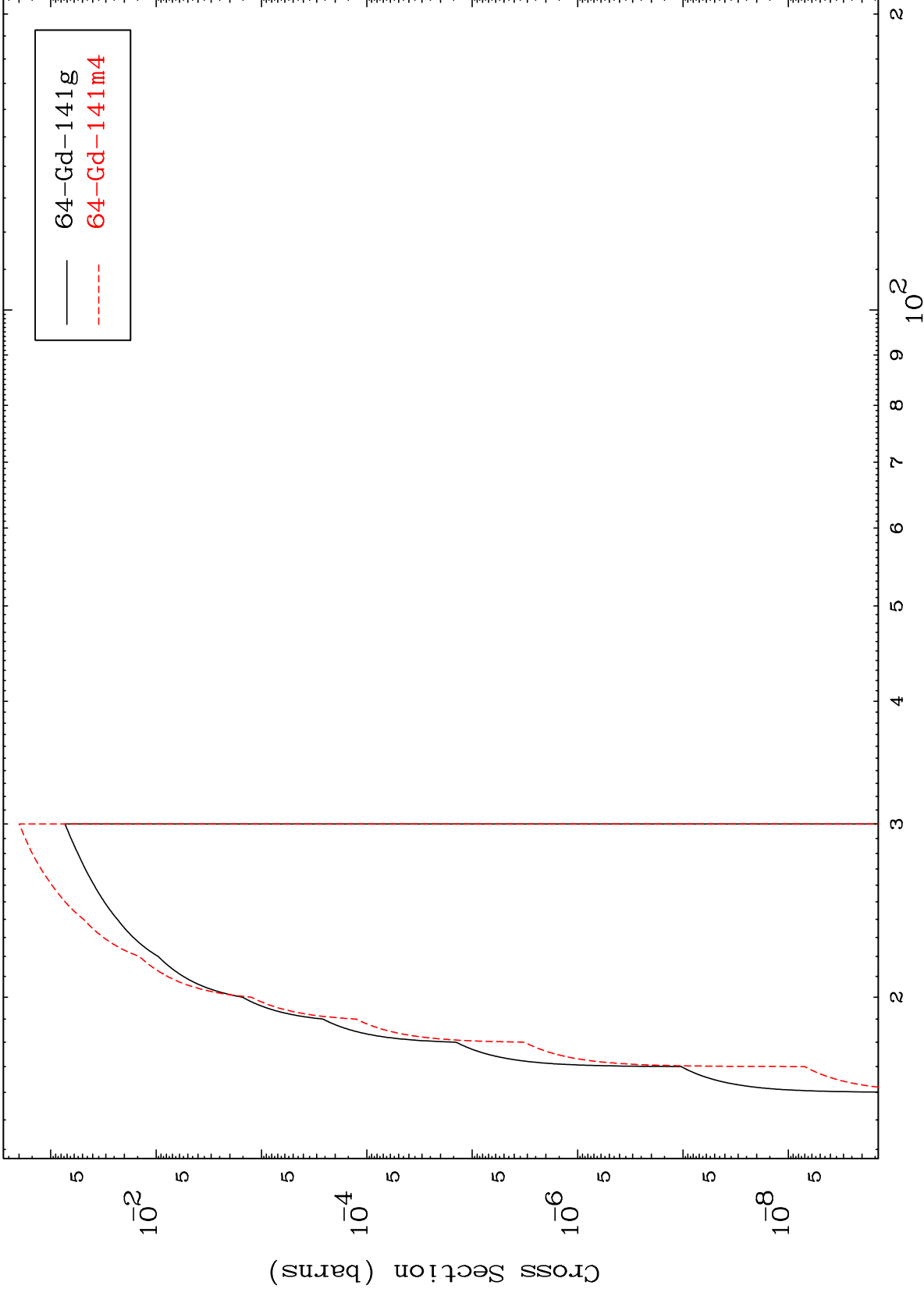
16

Incident Energy (MeV)

64-Gd-142



Radionuclide Production Cross Section



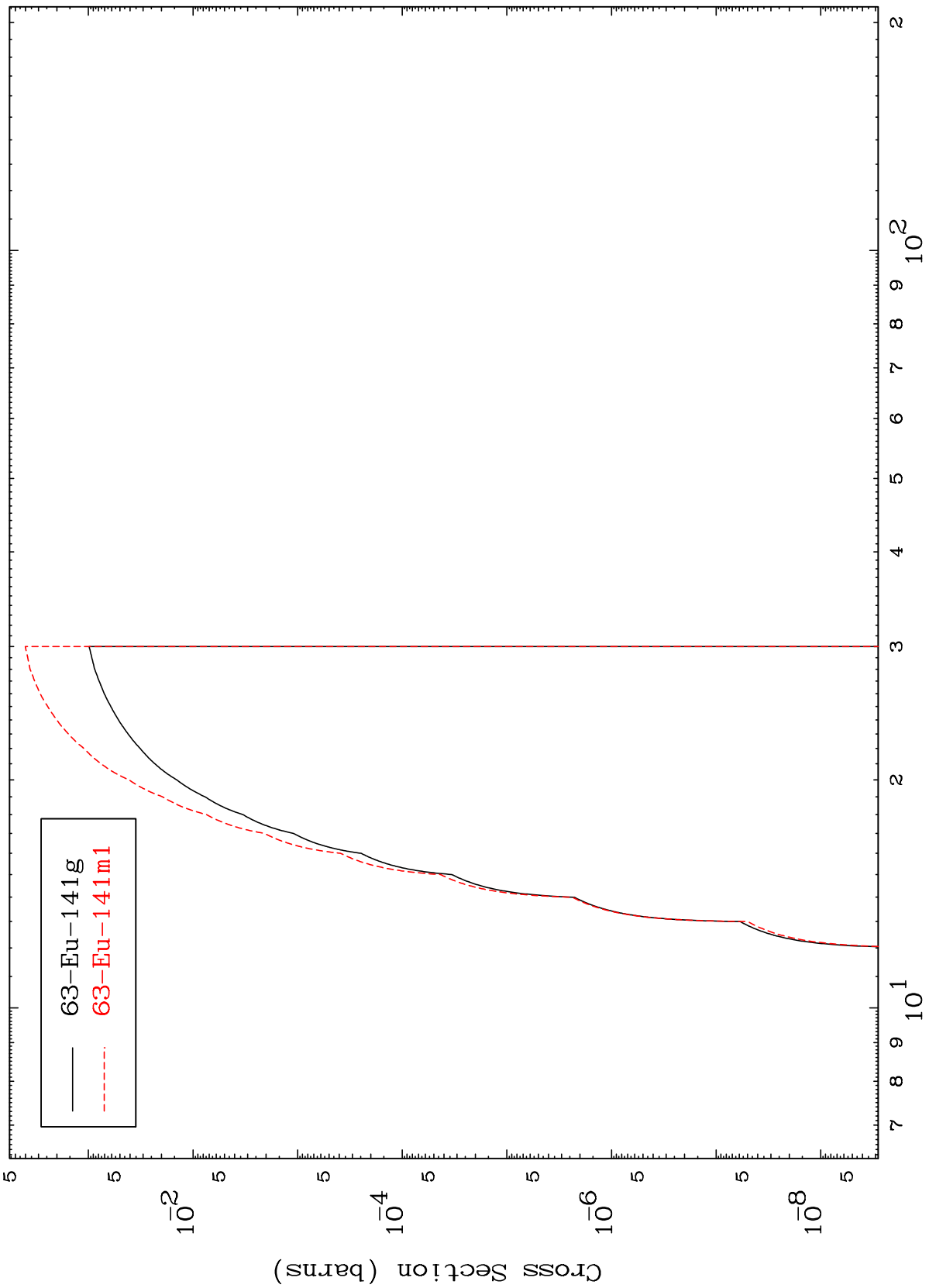
64-Gd-141g
64-Gd-141m4

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(n,2n) p

64-Gd-142

Radionuclide Production Cross Section



19

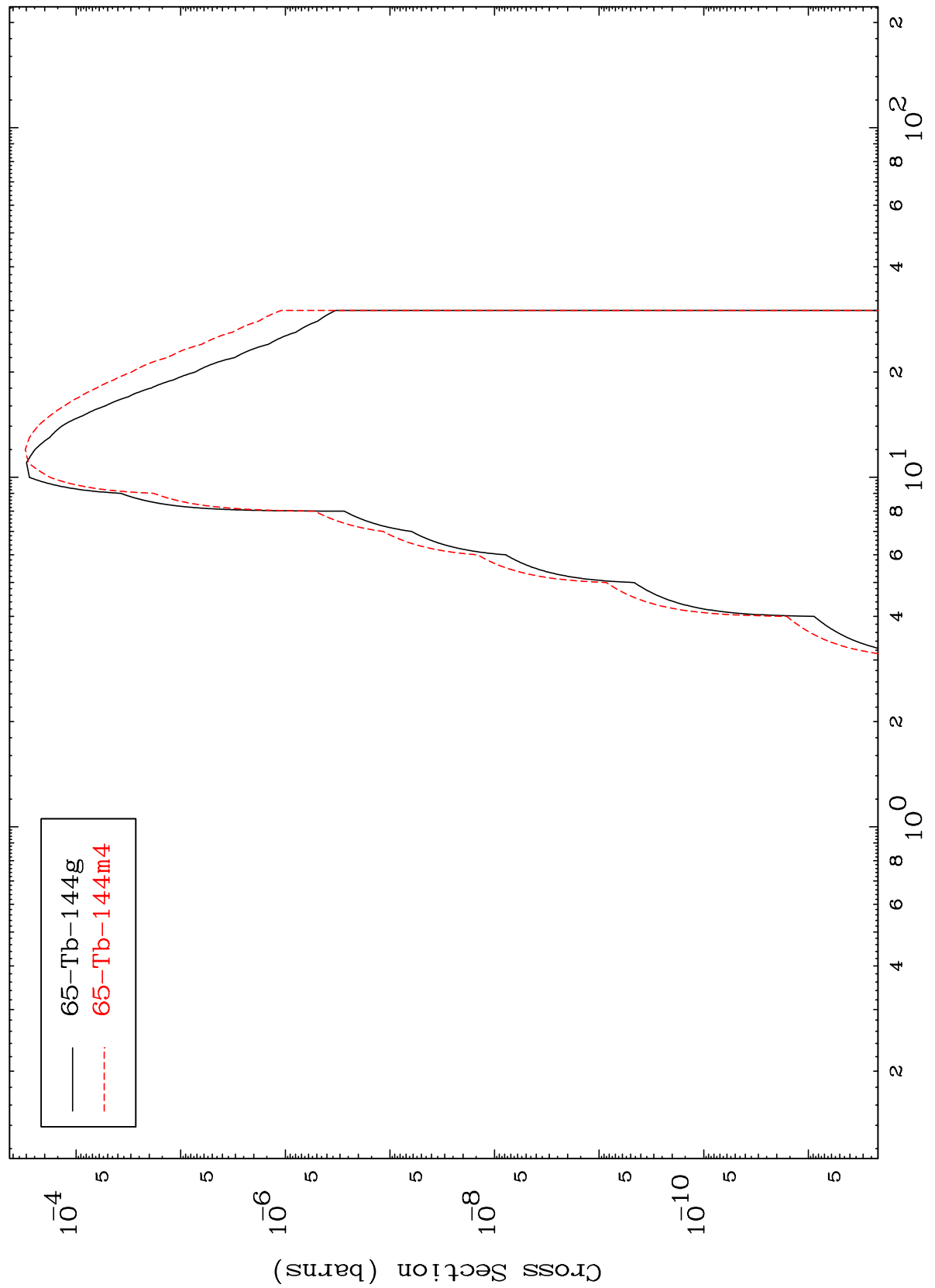
Incident Energy (MeV)

64-Gd-142

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64-Gd-142

(n, γ)
Radionuclide Production Cross Section



20

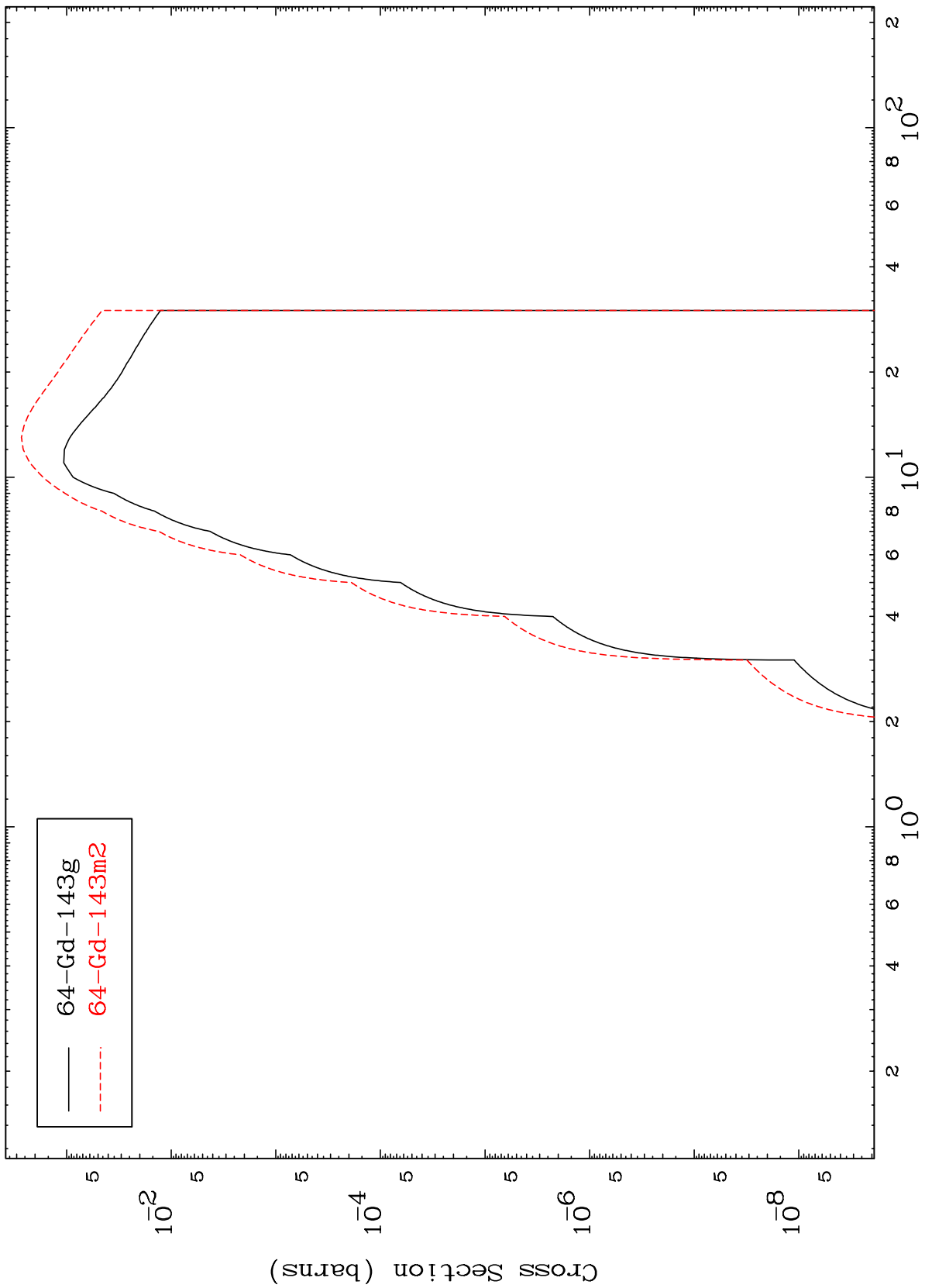
64-Gd-142

Incident Energy (MeV)

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64-Gd-142

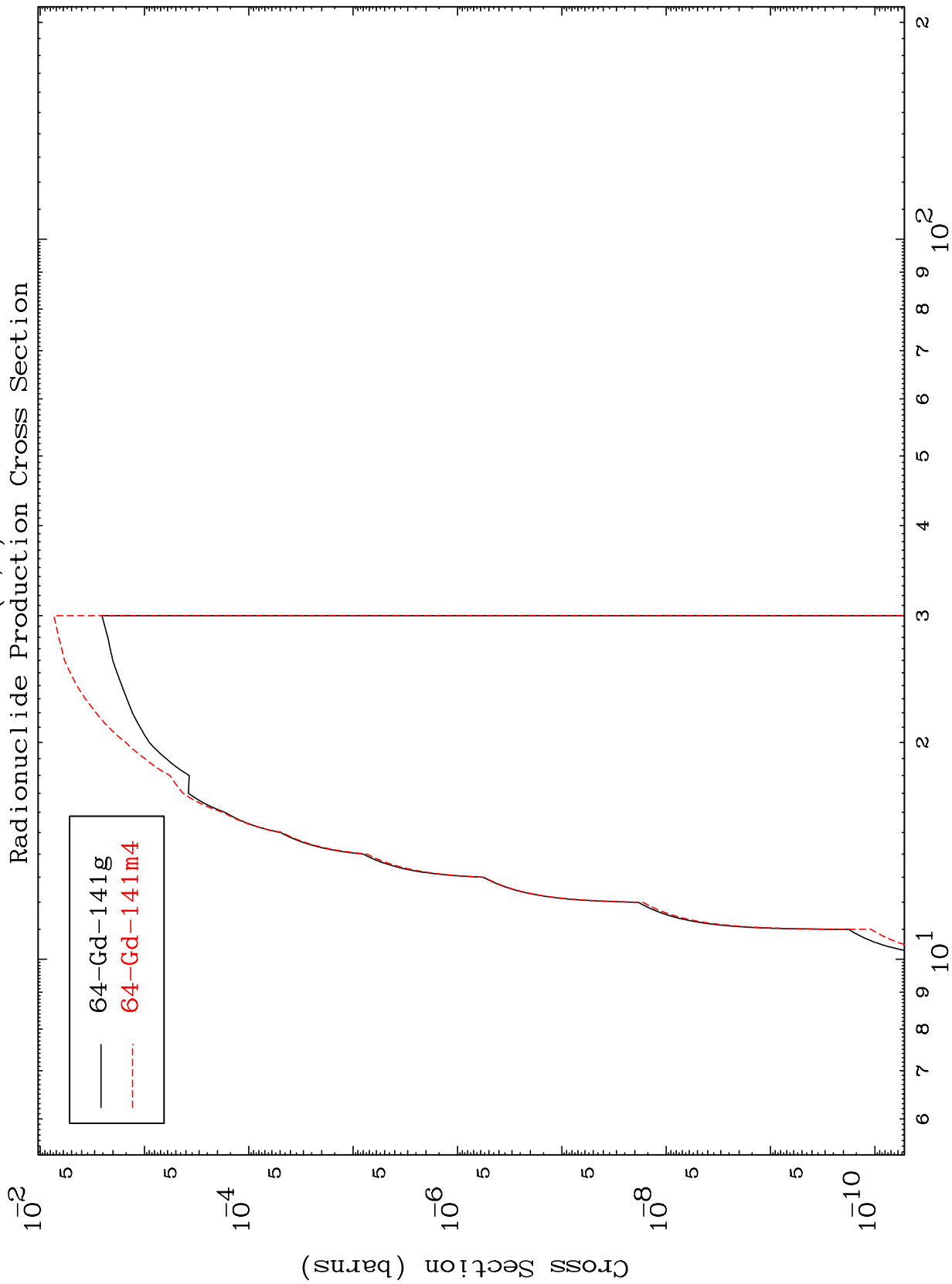
(n,p)
Radionuclide Production Cross Section



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64-Gd-142

(n, t)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

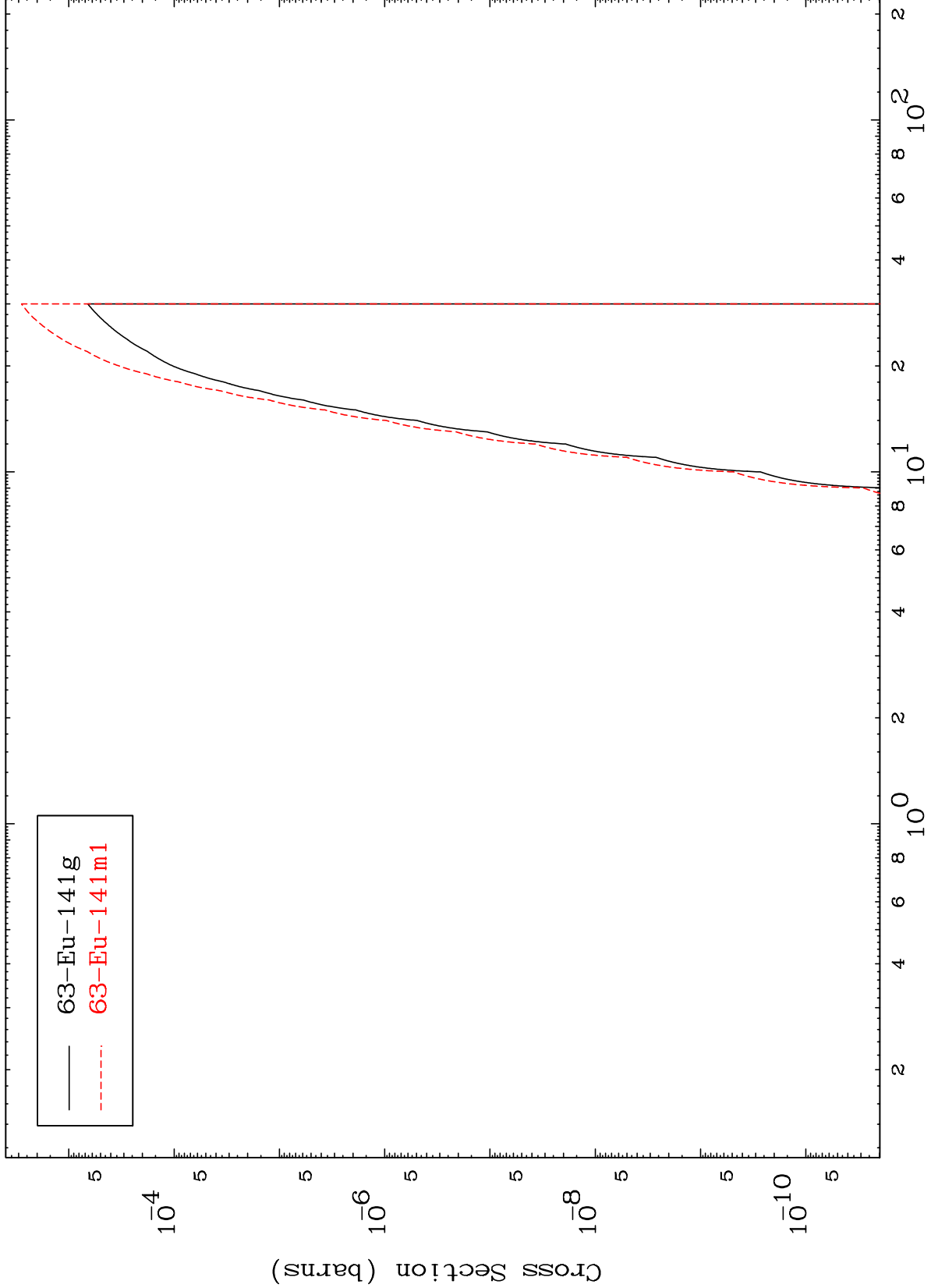
64-Gd-142

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(n,He-3)

64-Gd-142

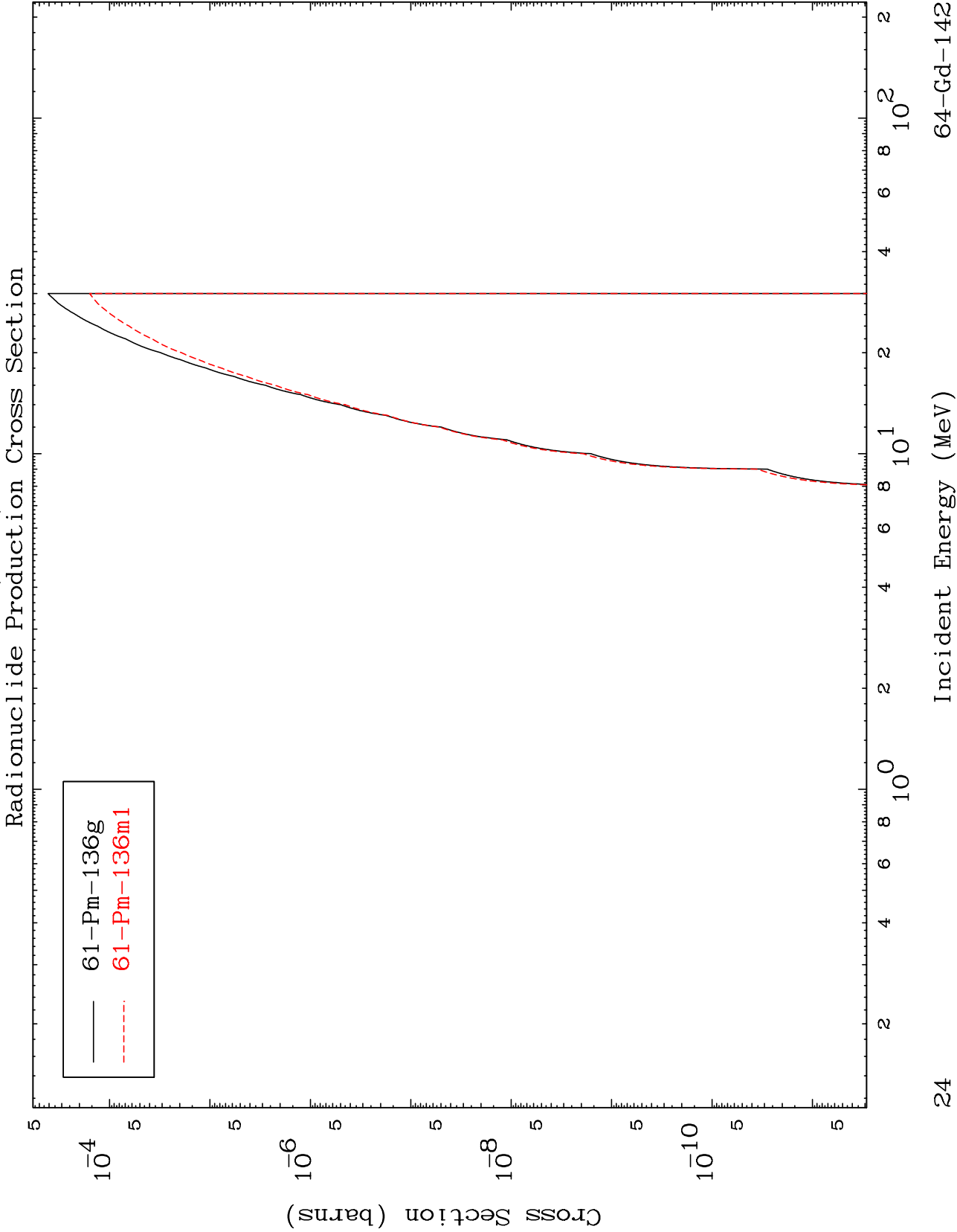
Radionuclide Production Cross Section



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(n,2α)

64-Gd-142

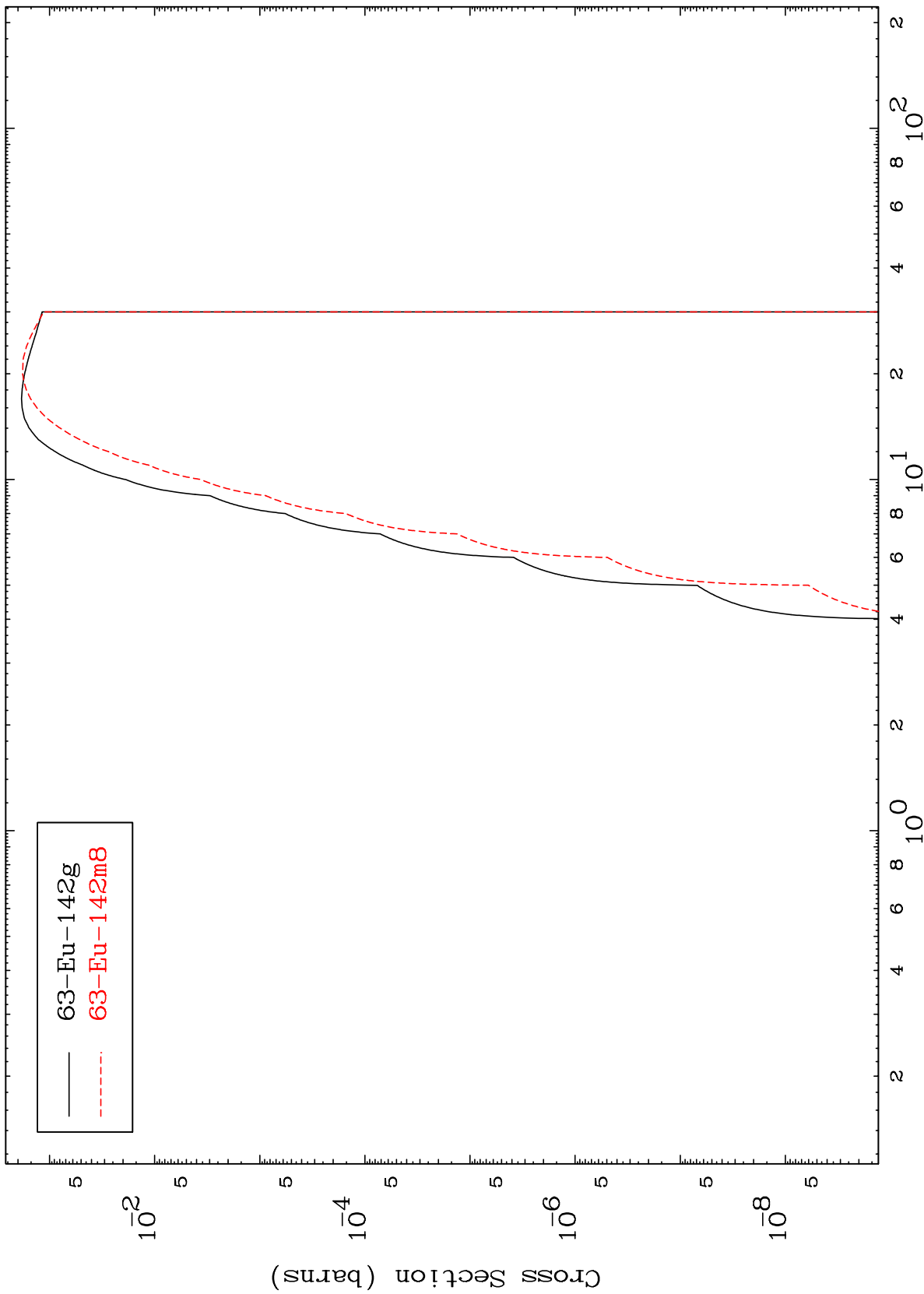


61-Pm-136g
61-Pm-136m1

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64-Gd-142

(n,2p)
Radionuclide Production Cross Section



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

64-Gd-142

Incident Energy (MeV)

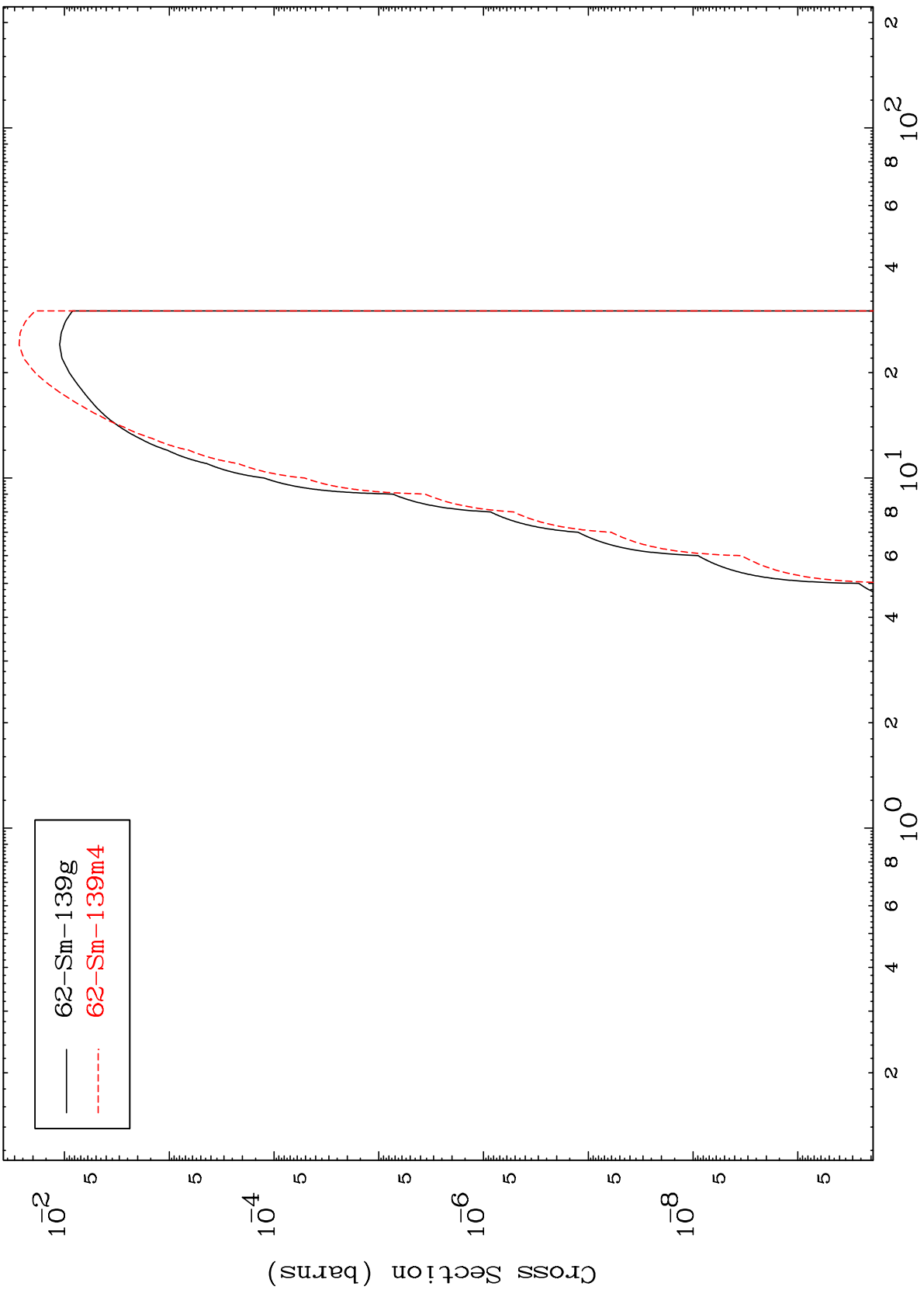
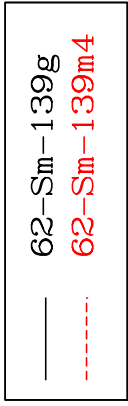
25

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(n,p) α

64-Gd-142

Radionuclide Production Cross Section



26

Incident Energy (MeV)

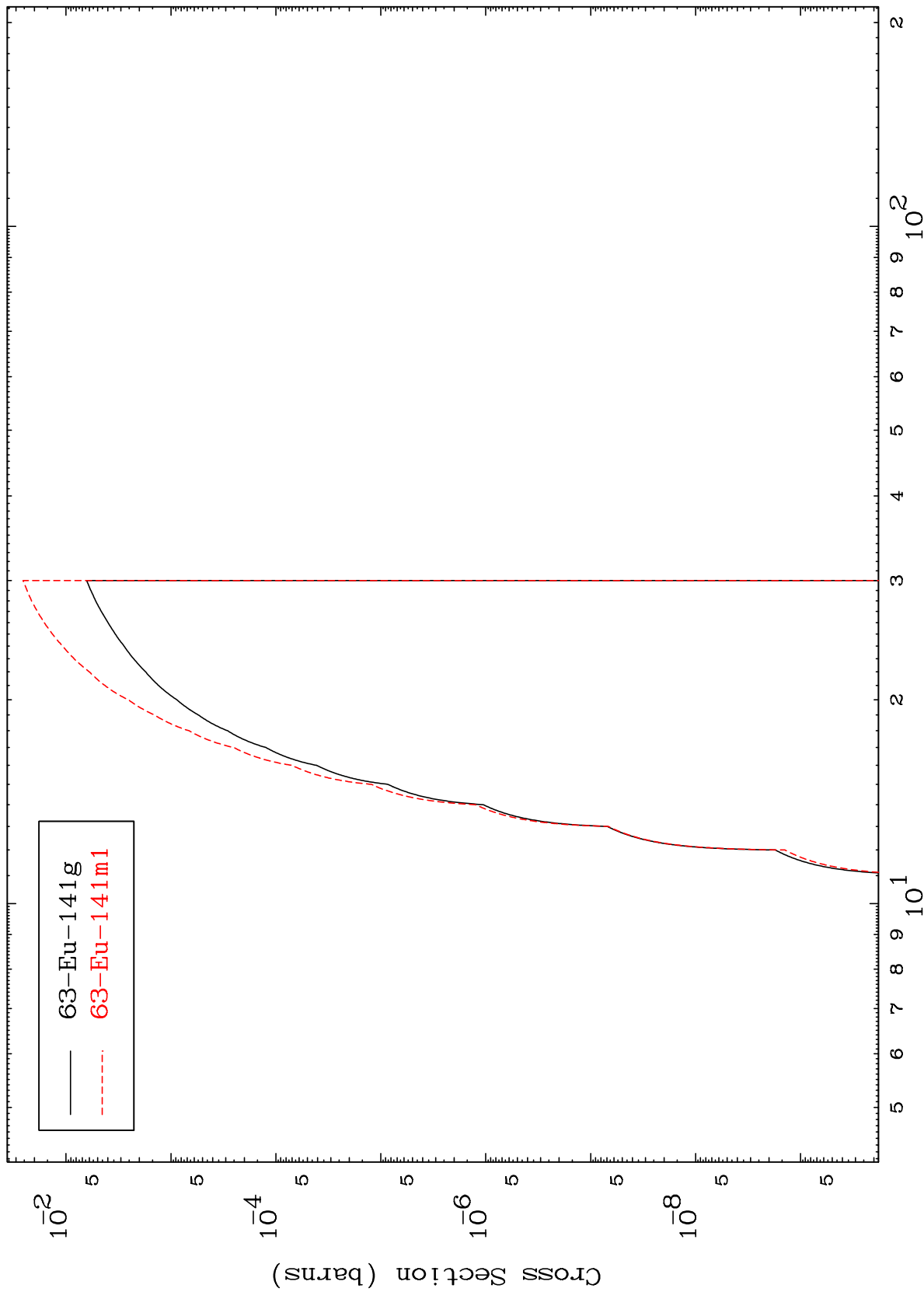
64-Gd-142

MAT 6395

(n,p) d

64-Gd-142

Radionuclide Production Cross Section



27

Incident Energy (MeV)

64-Gd-142