

Program EVALPLOT
(Version 2021-1)

by

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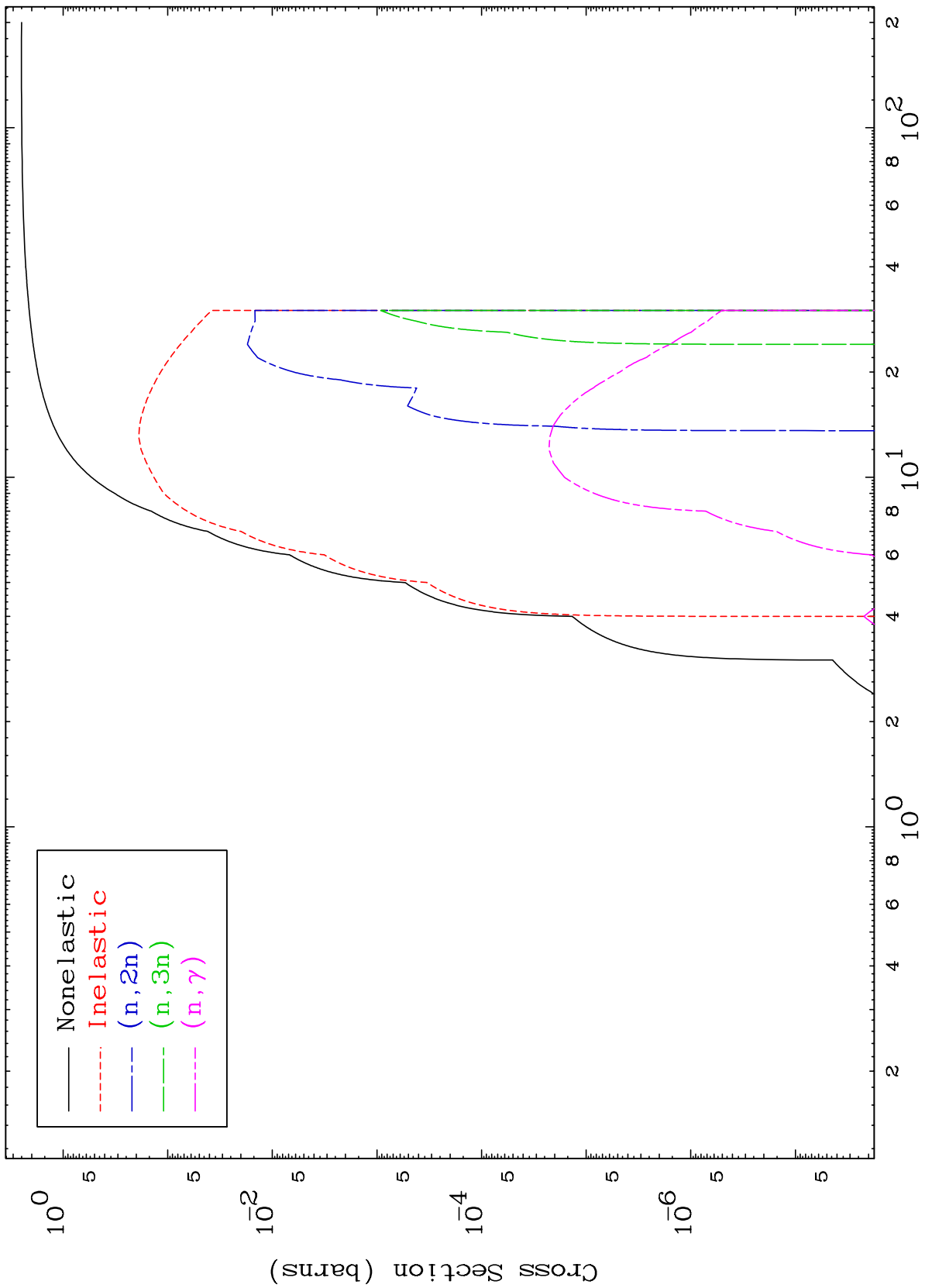
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6395

Deuteron Major
0 Kelvin Cross Sections

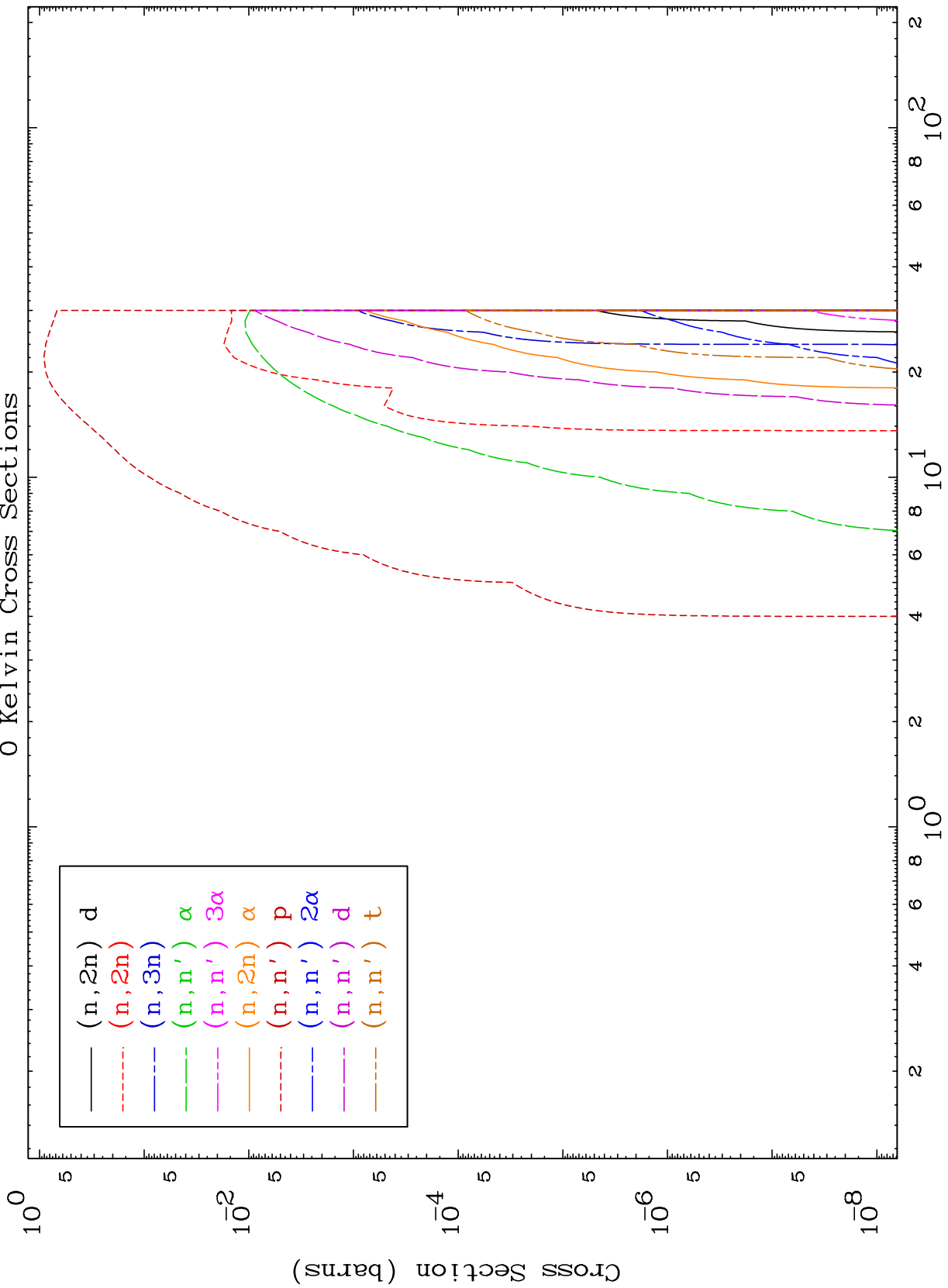
64-Gd-142

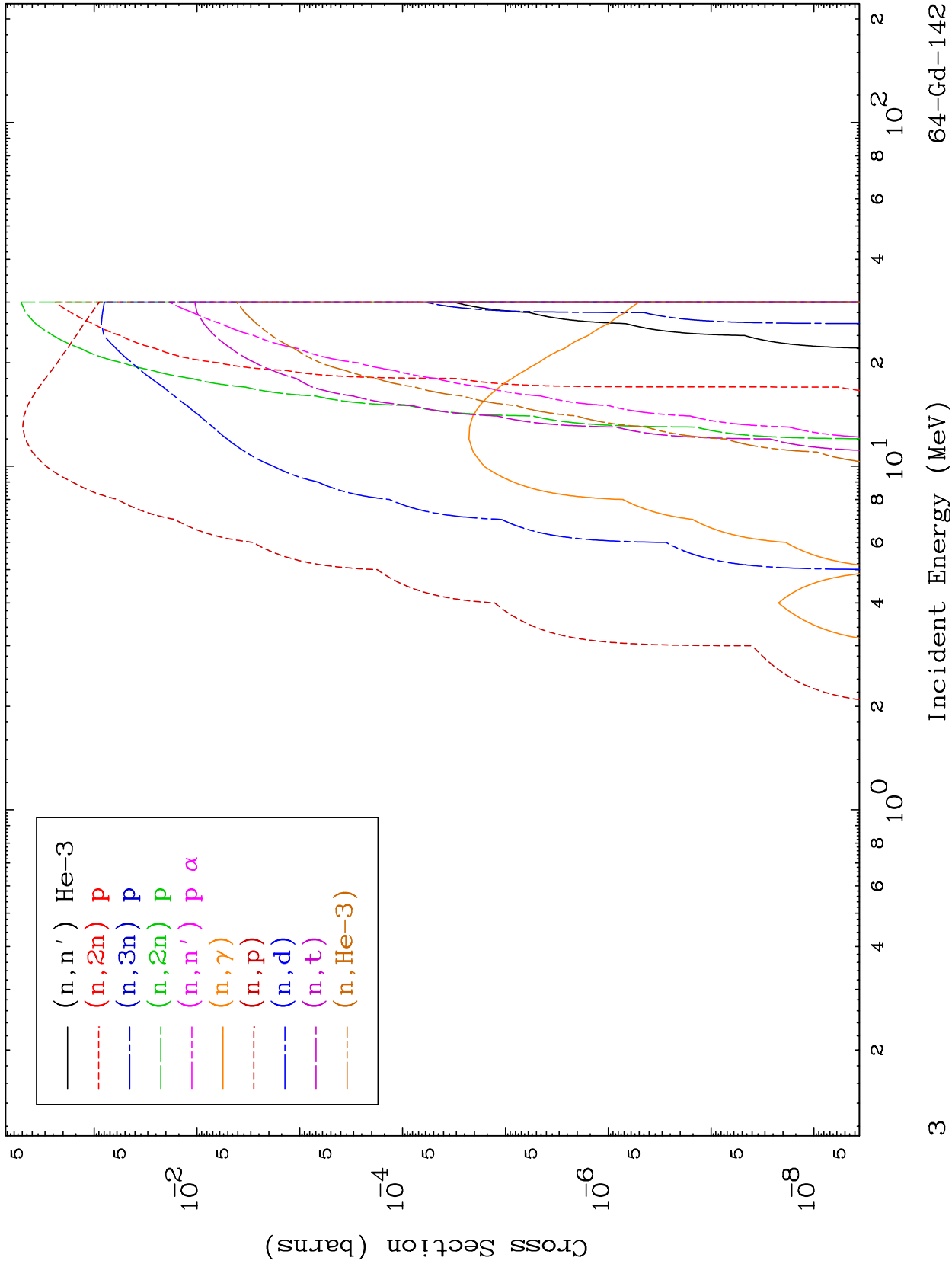


MAT 6395

Deuteron Neutron Absorption
0 Kelvin Cross Sections

64-Gd-142

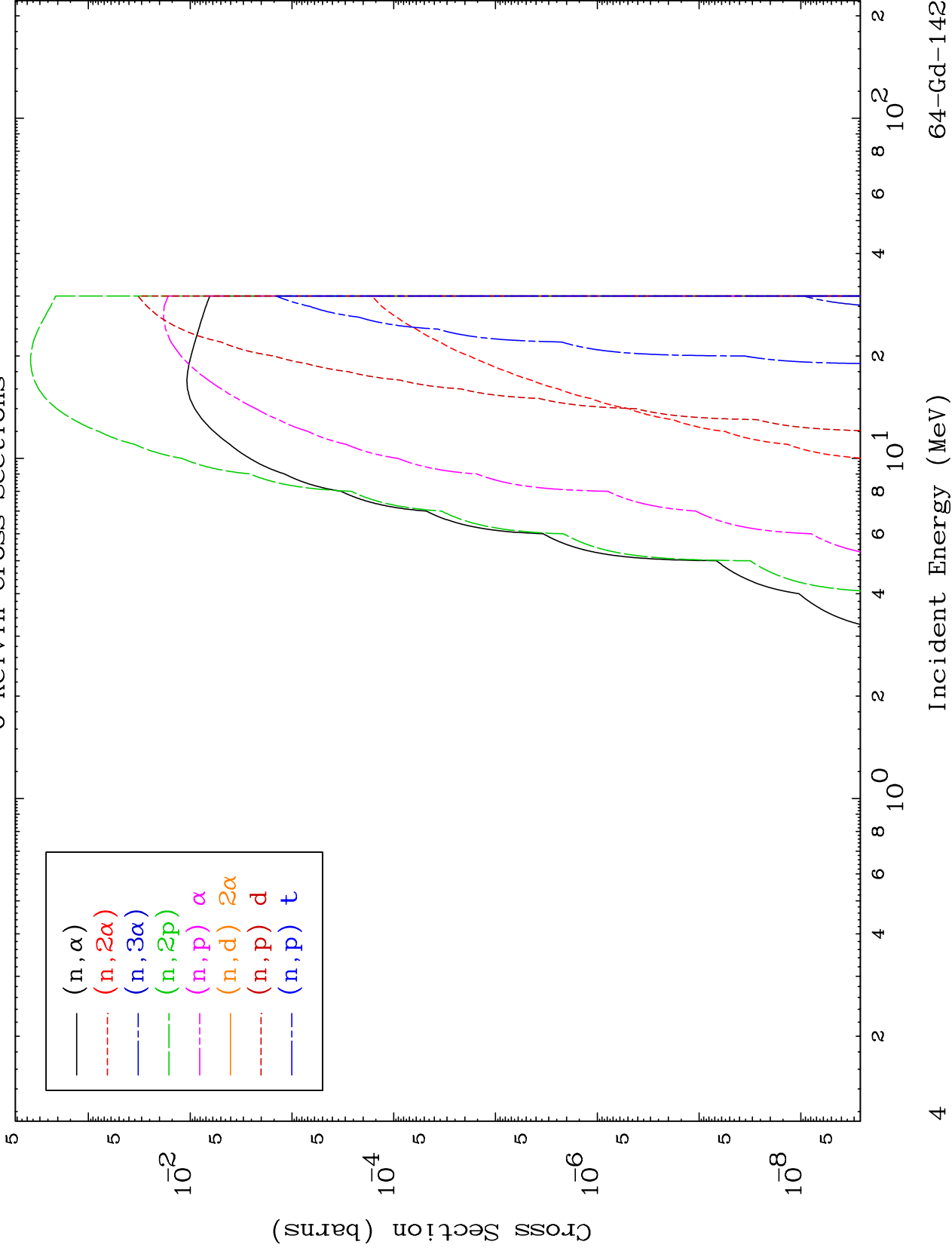




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Deuteron Neutron Absorption
0 Kelvin Cross Sections

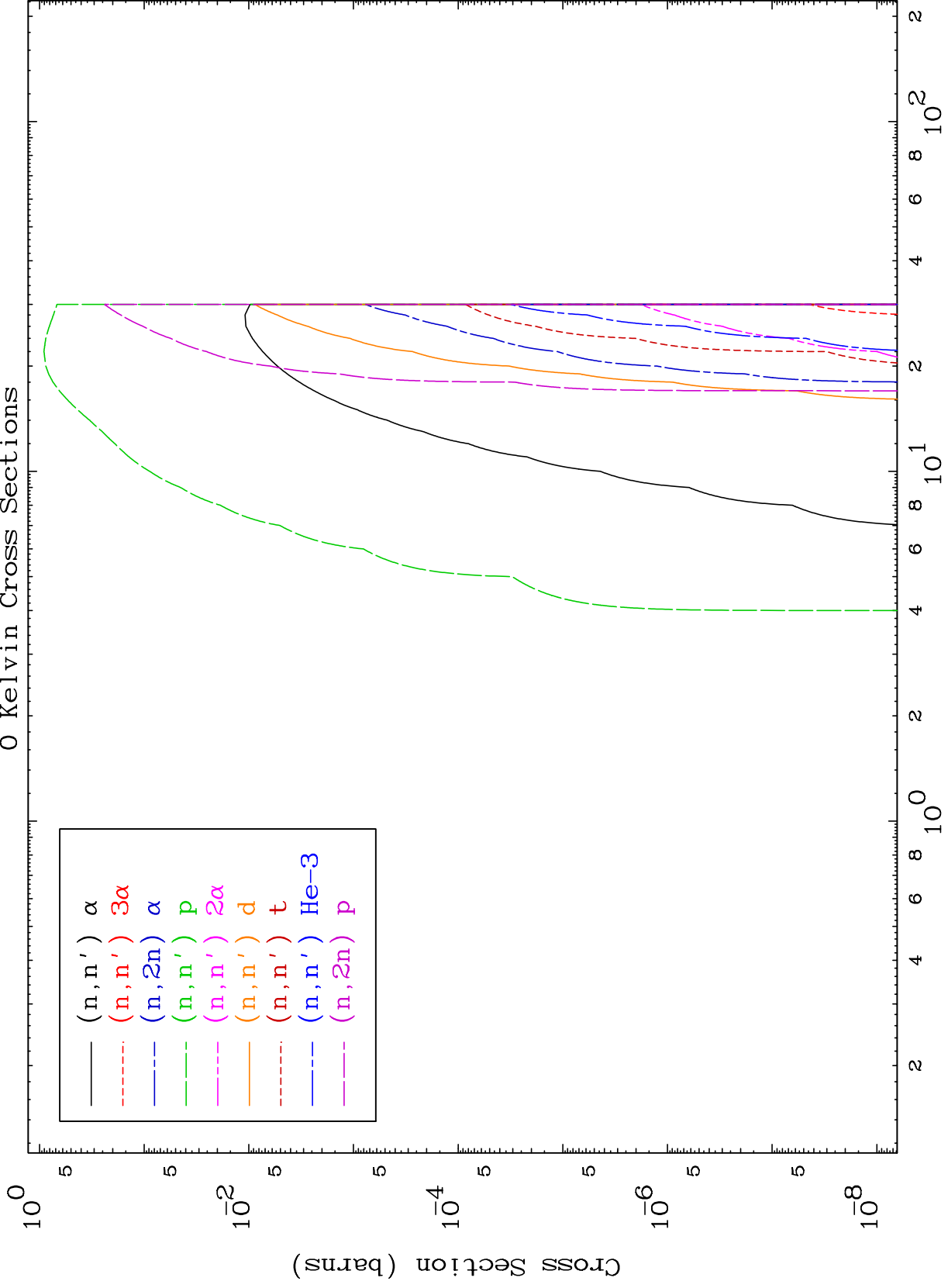
64-Gd-142



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Deuteron Charged Particle
0 Kelvin Cross Sections

64-Gd-142



5

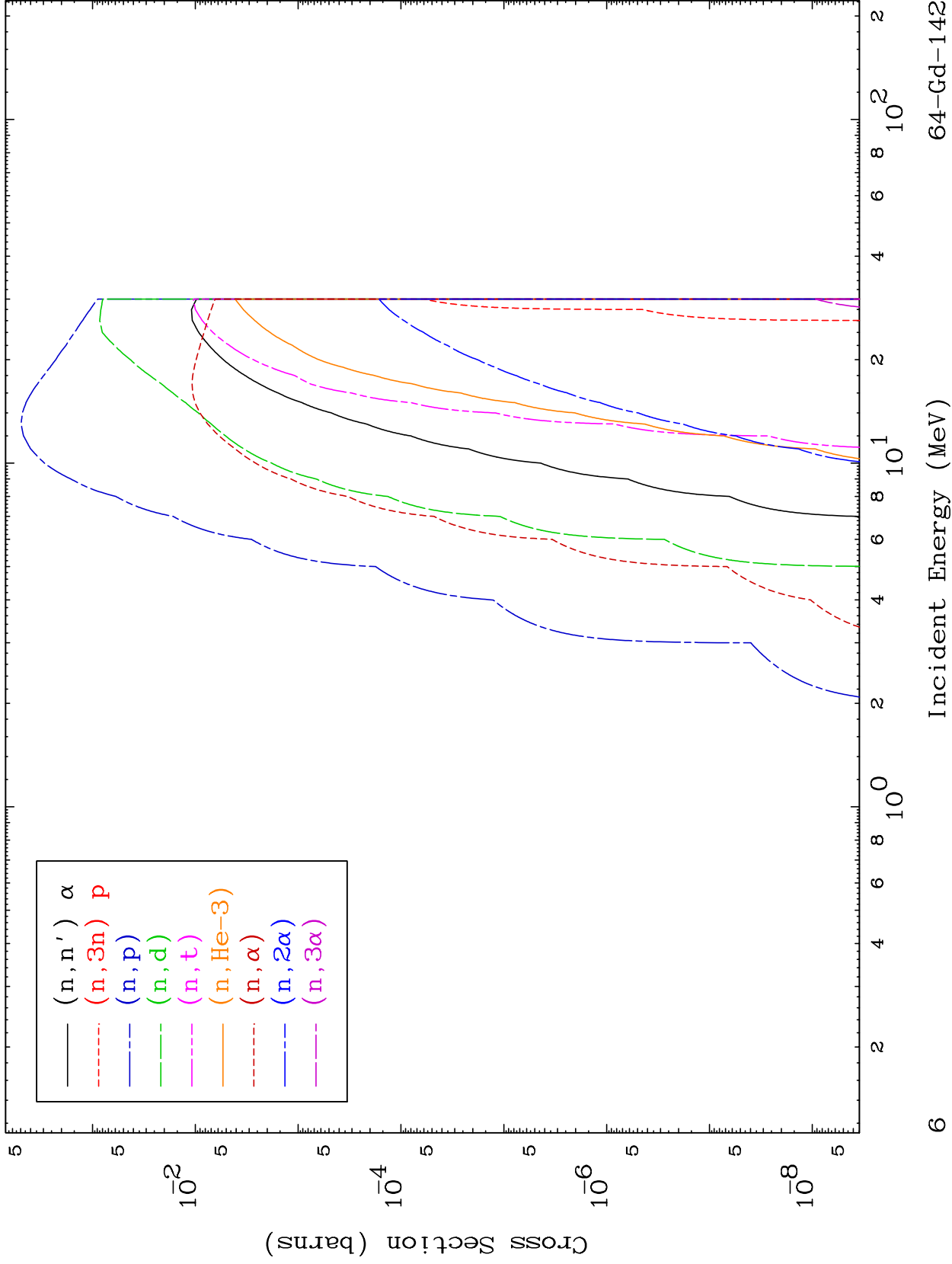
Incident Energy (MeV)

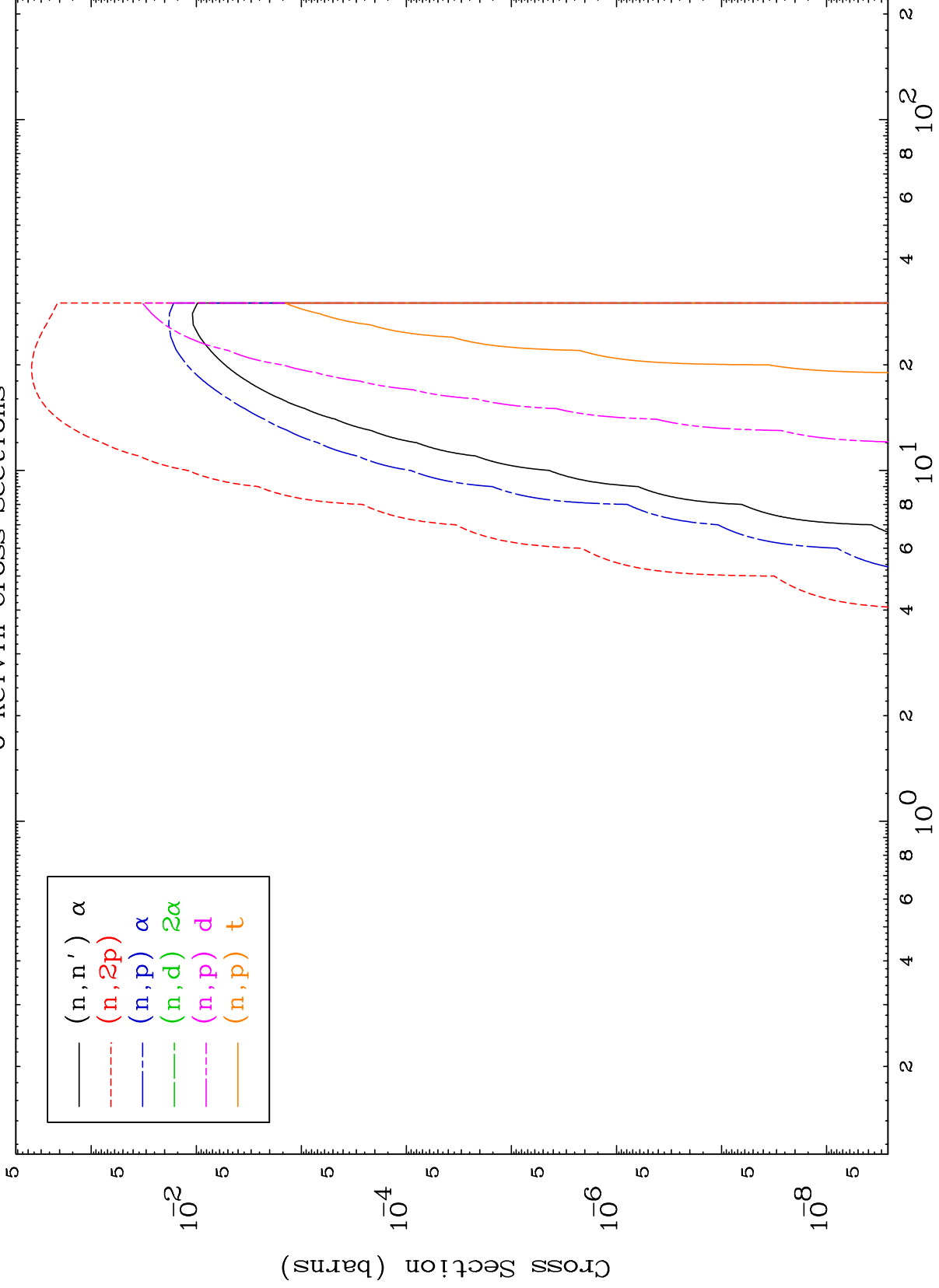
64-Gd-142

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Deuteron Charged Particle
0 Kelvin Cross Sections

64-Gd-142



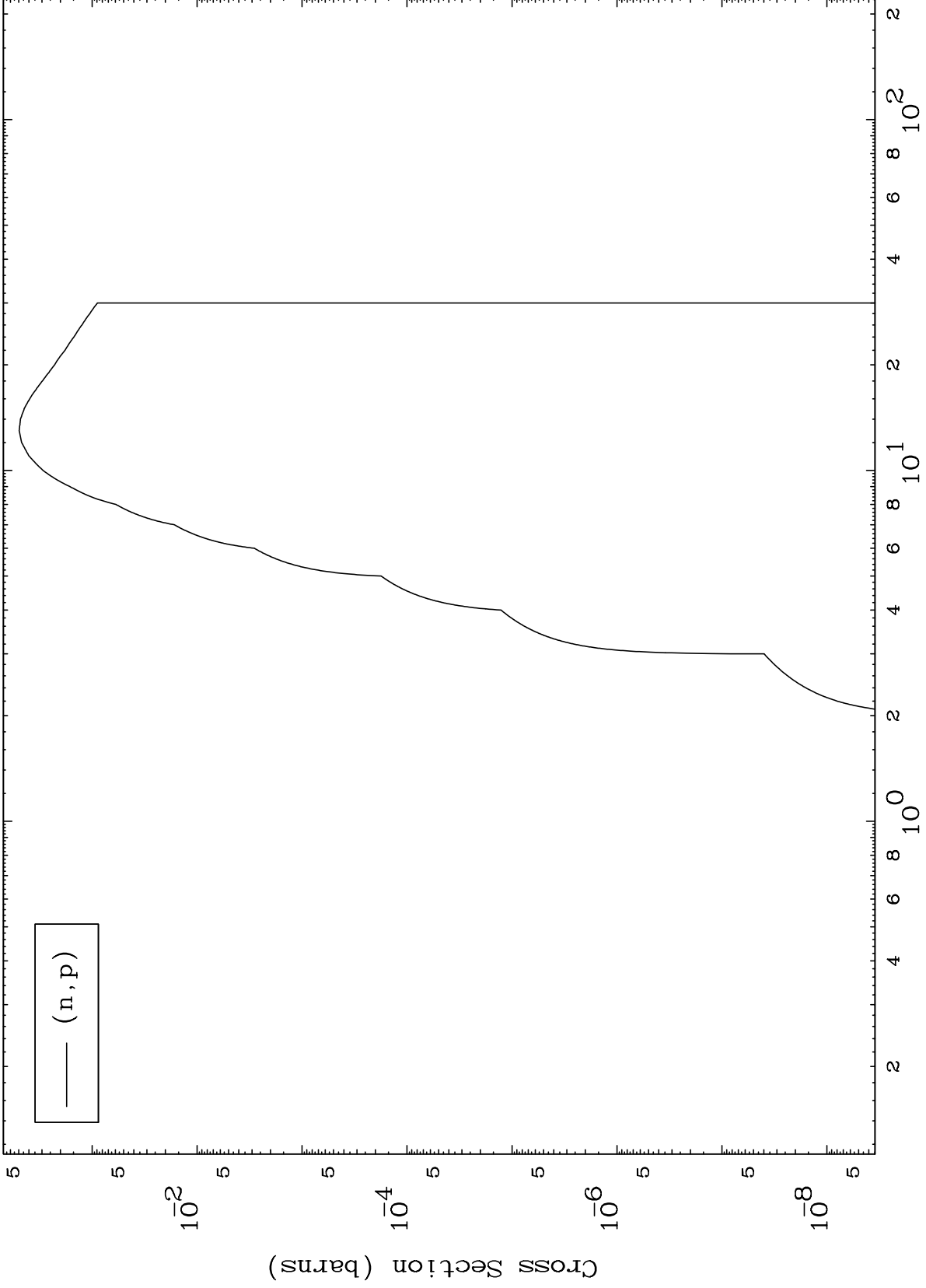


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(d,p) Levels

64-Gd-142

0 Kelvin Cross Sections

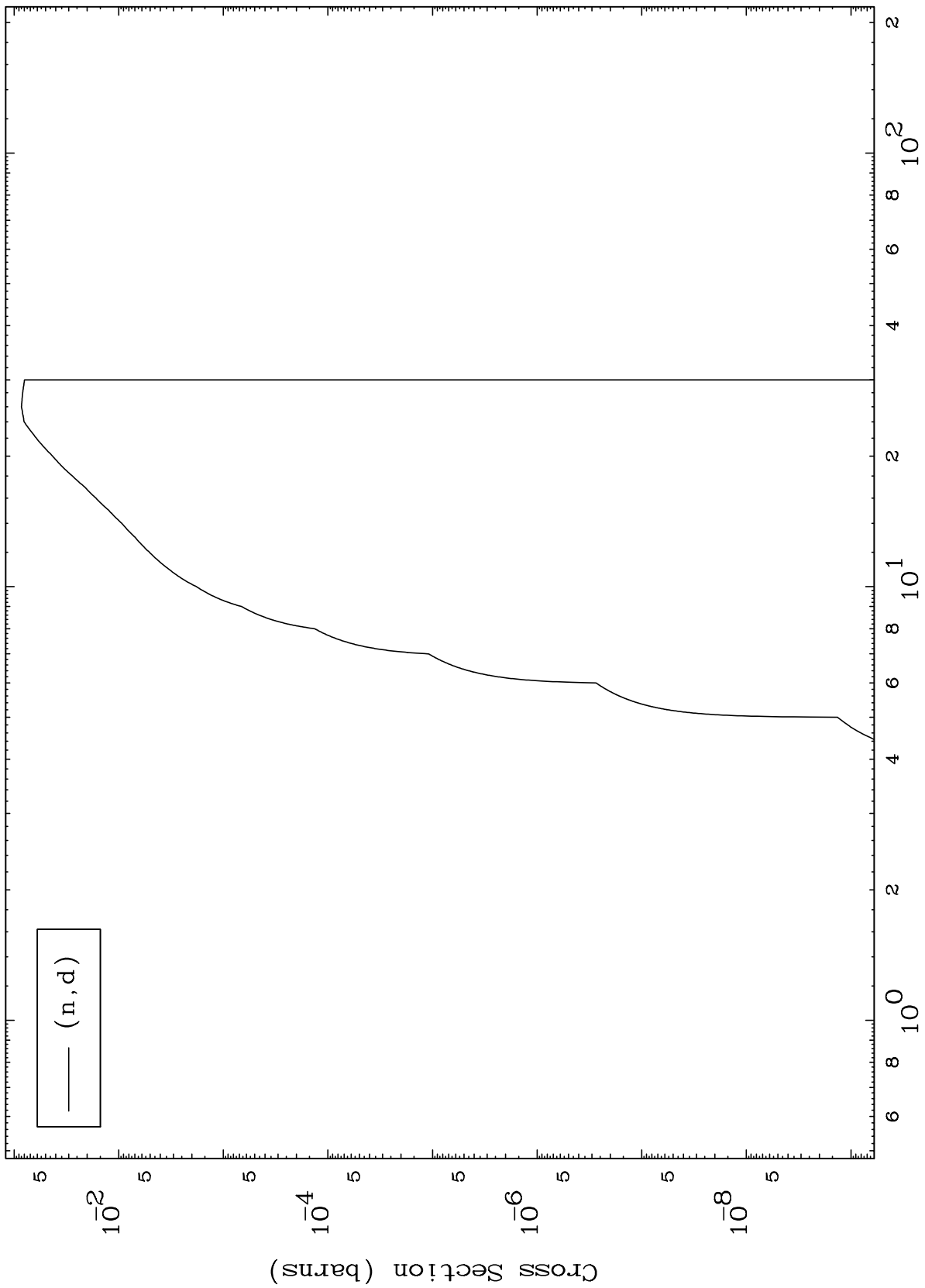


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(d,d) Levels

64-Gd-142

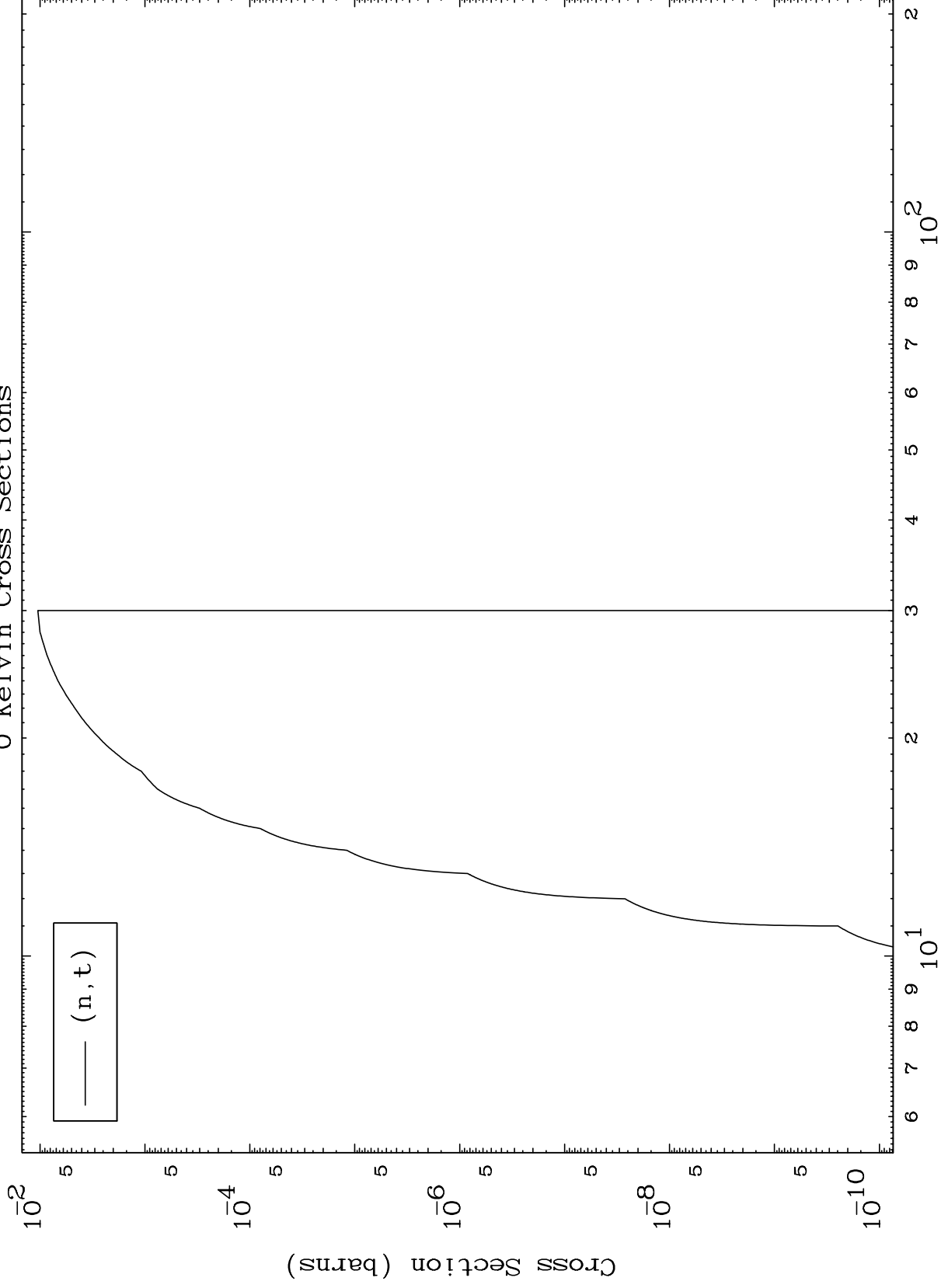
0 Kelvin Cross Sections



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(d,t) Levels
0 Kelvin Cross Sections

64-Gd-142



10

Incident Energy (MeV)

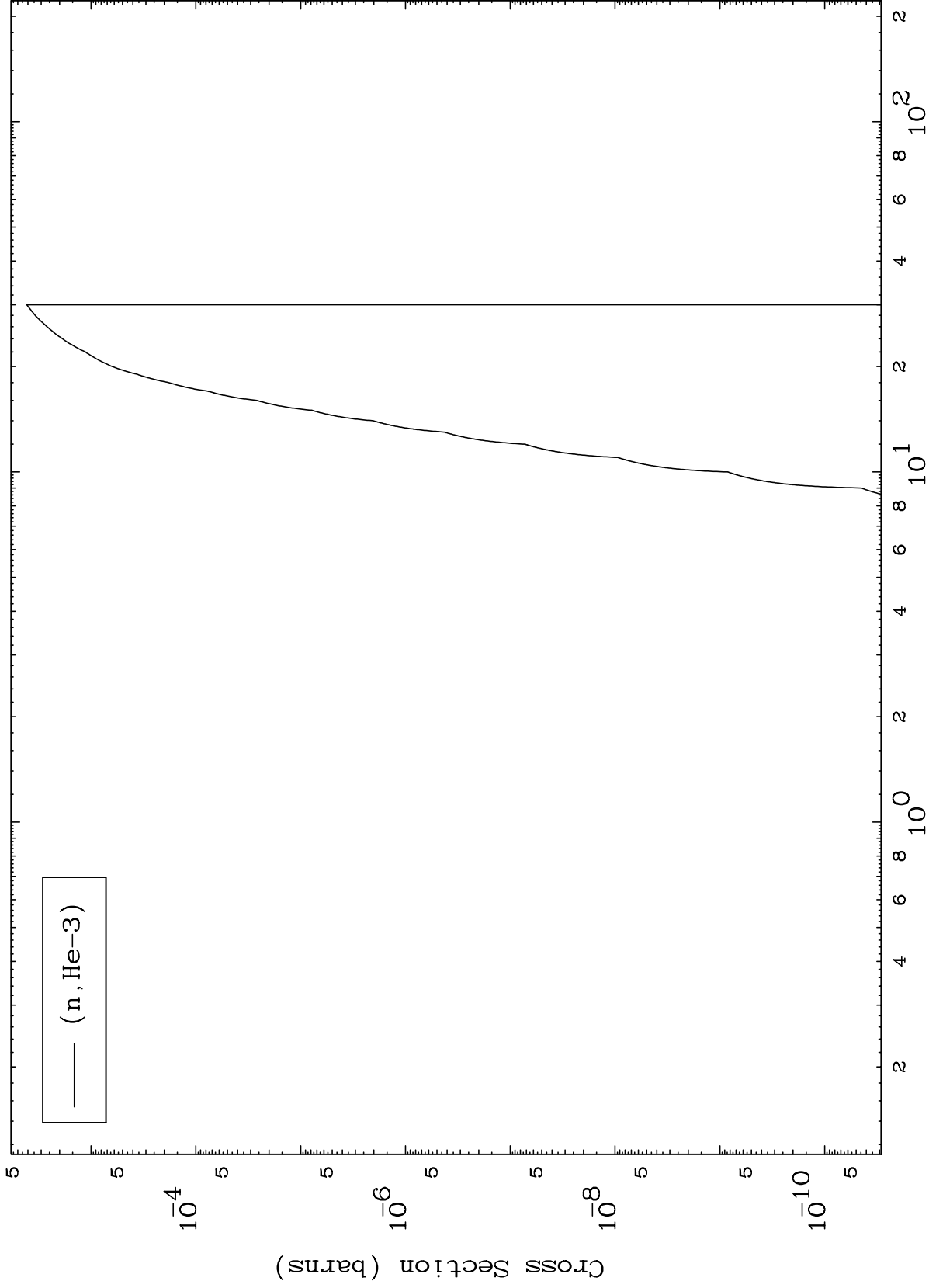
64-Gd-142

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(d,He3) Levels

64-Gd-142

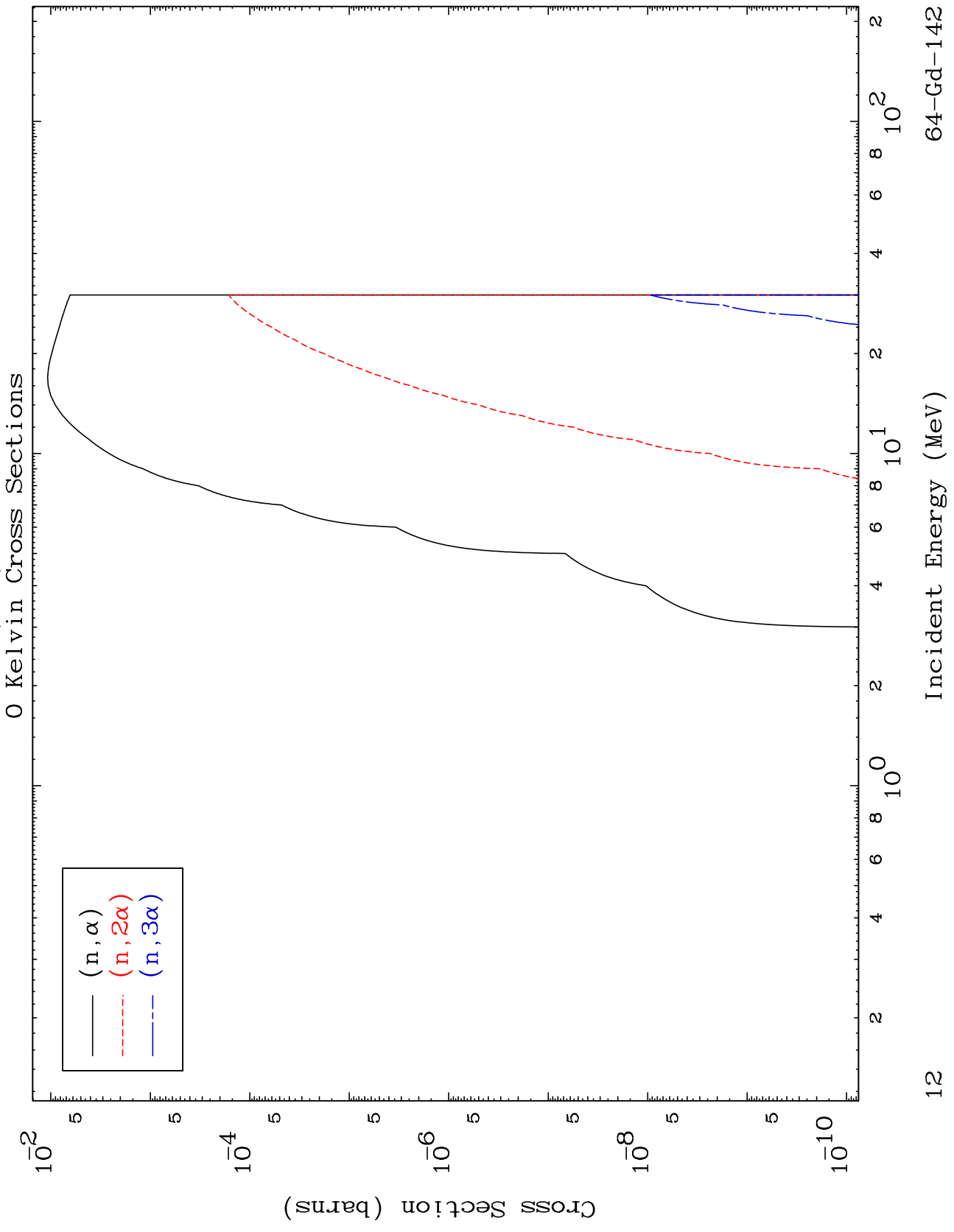
0 Kelvin Cross Sections



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(d, α) Levels

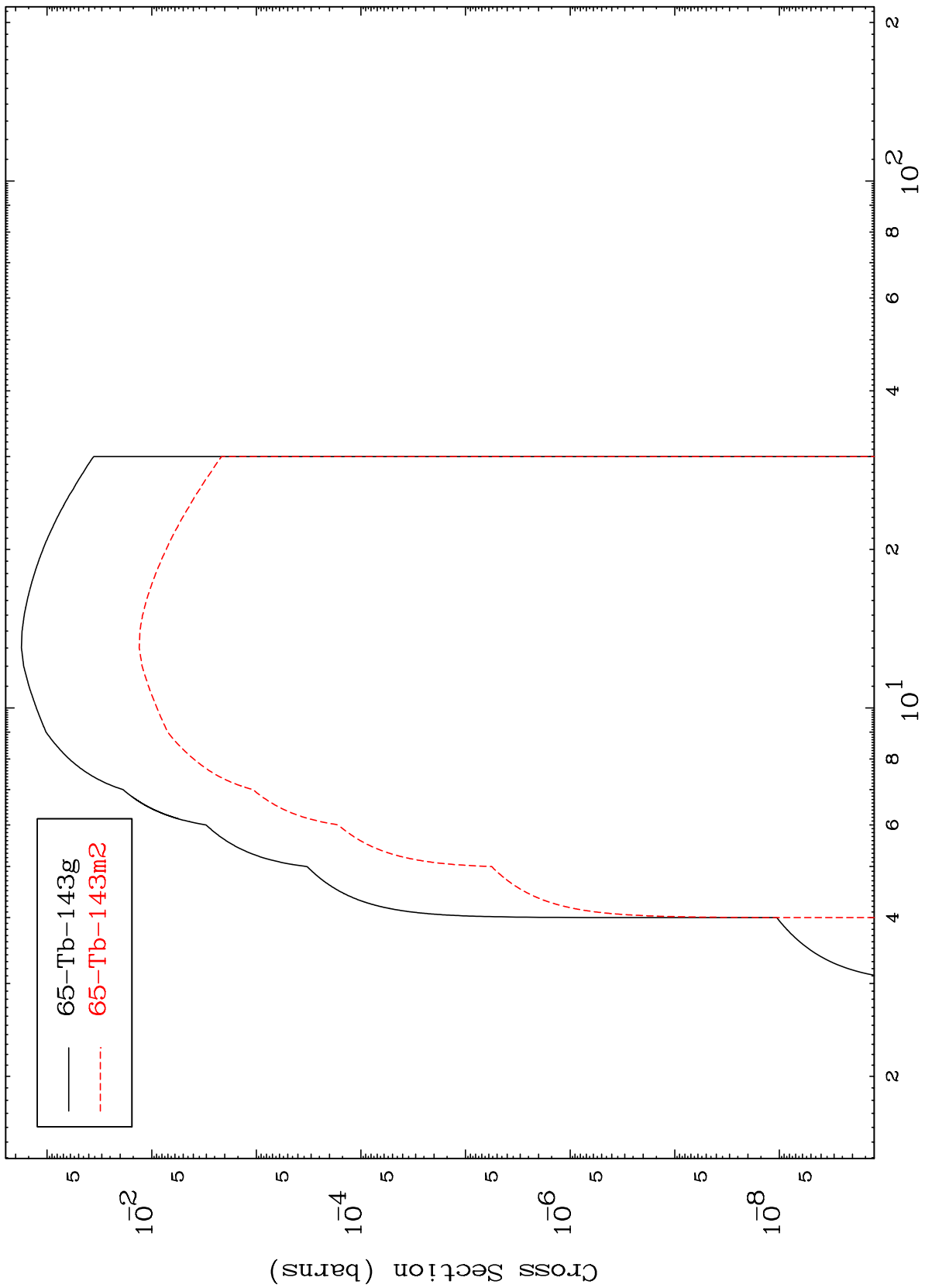
64-Gd-142



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64-Gd-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

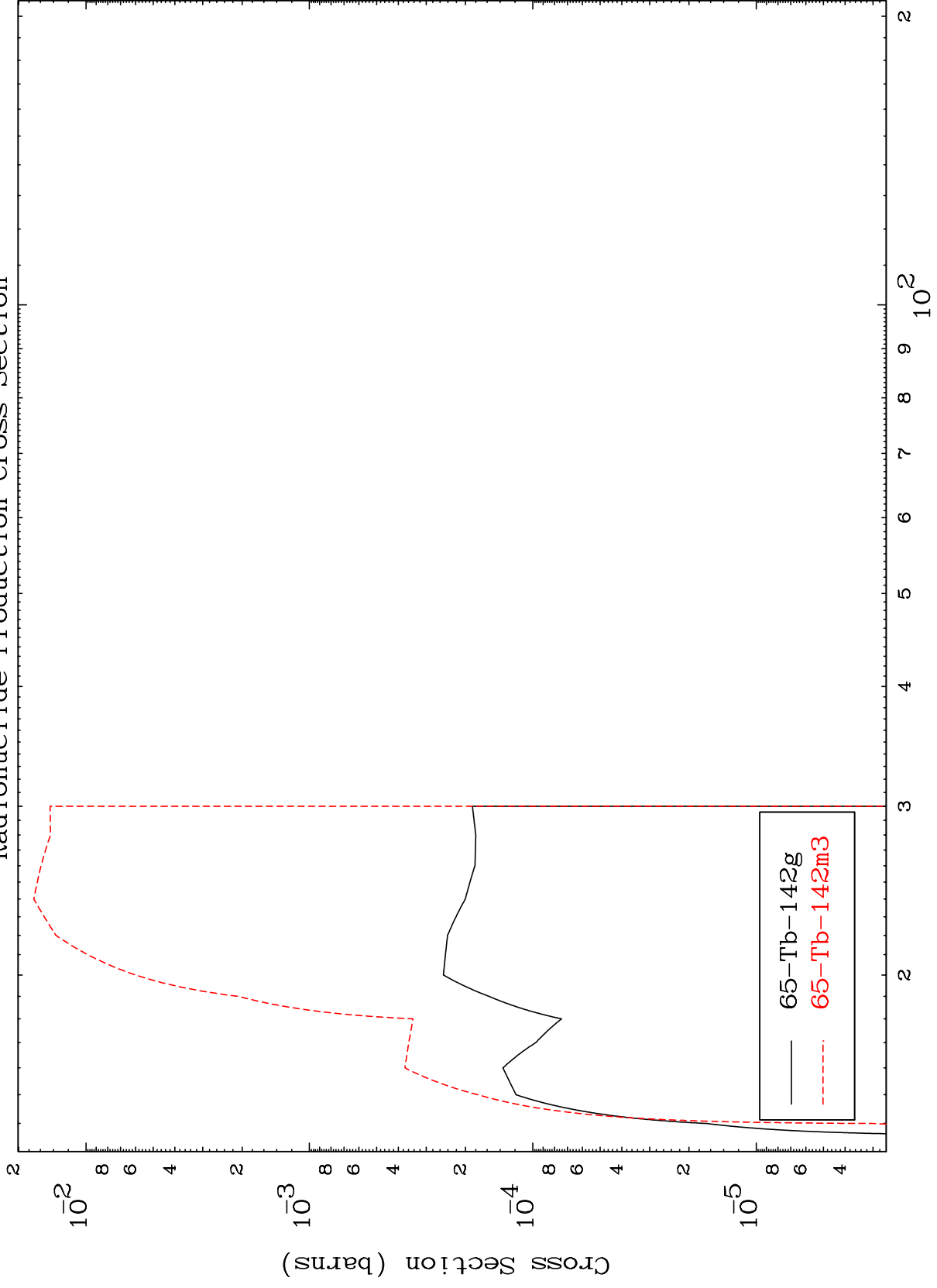
64-Gd-142

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(n,2n)

64-Gd-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

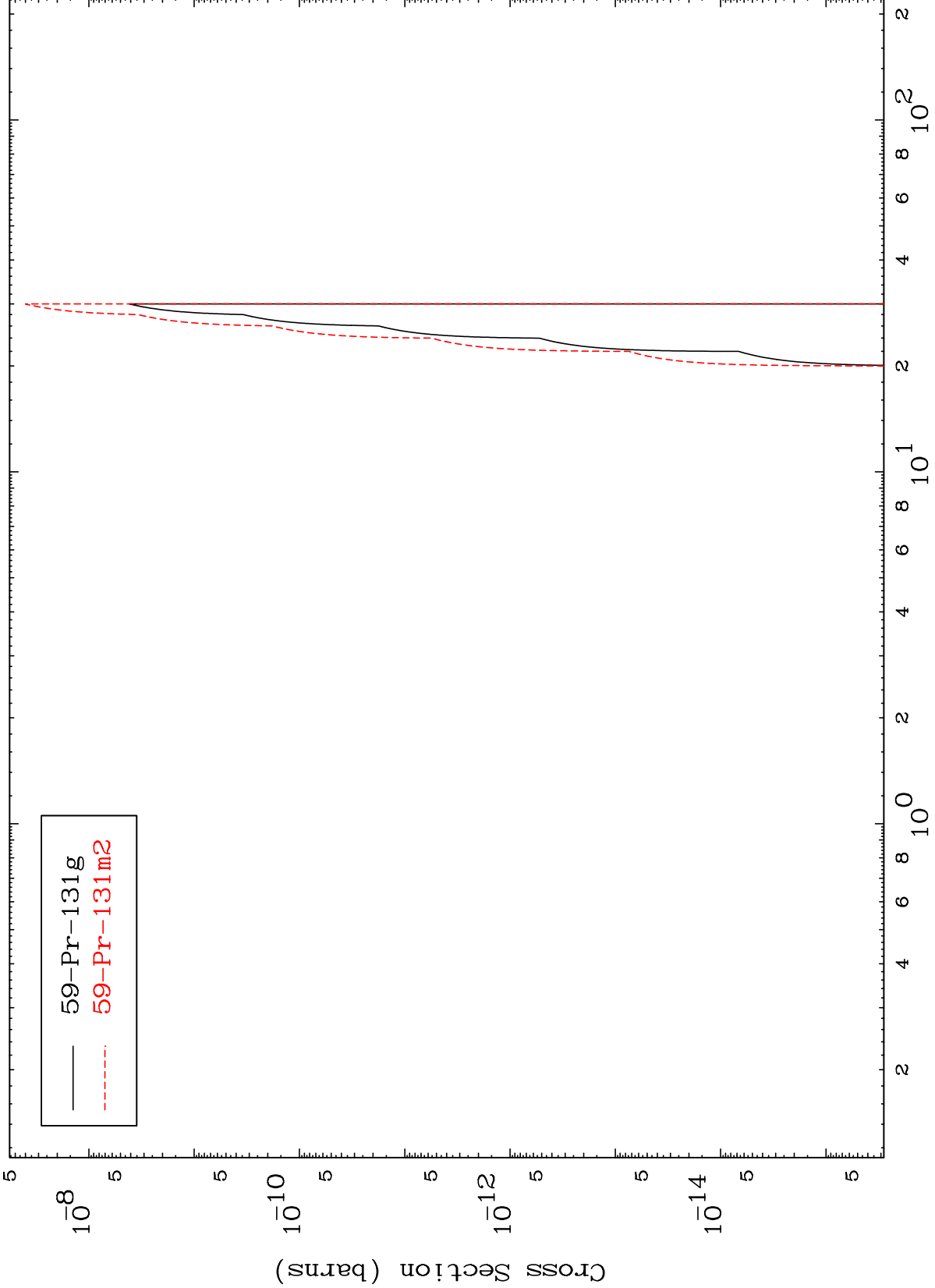
64-Gd-142

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(n,n') 3α

64-Gd-142

Radionuclide Production Cross Section



59-Pr-131g
59-Pr-131m2

15

Incident Energy (MeV)

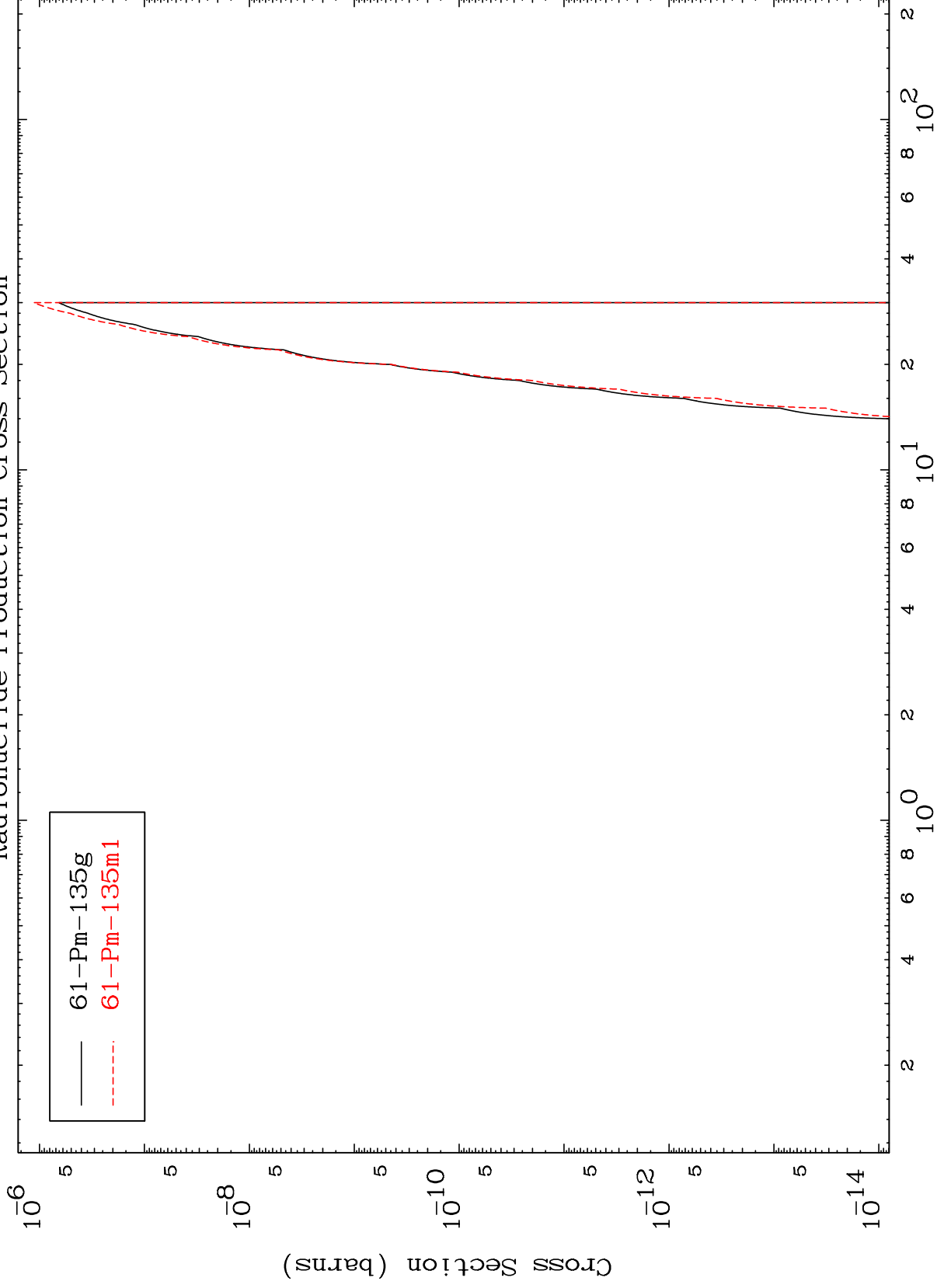
64-Gd-142

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(n,n') 2 α

64-Gd-142

Radionuclide Production Cross Section



16

Incident Energy (MeV)

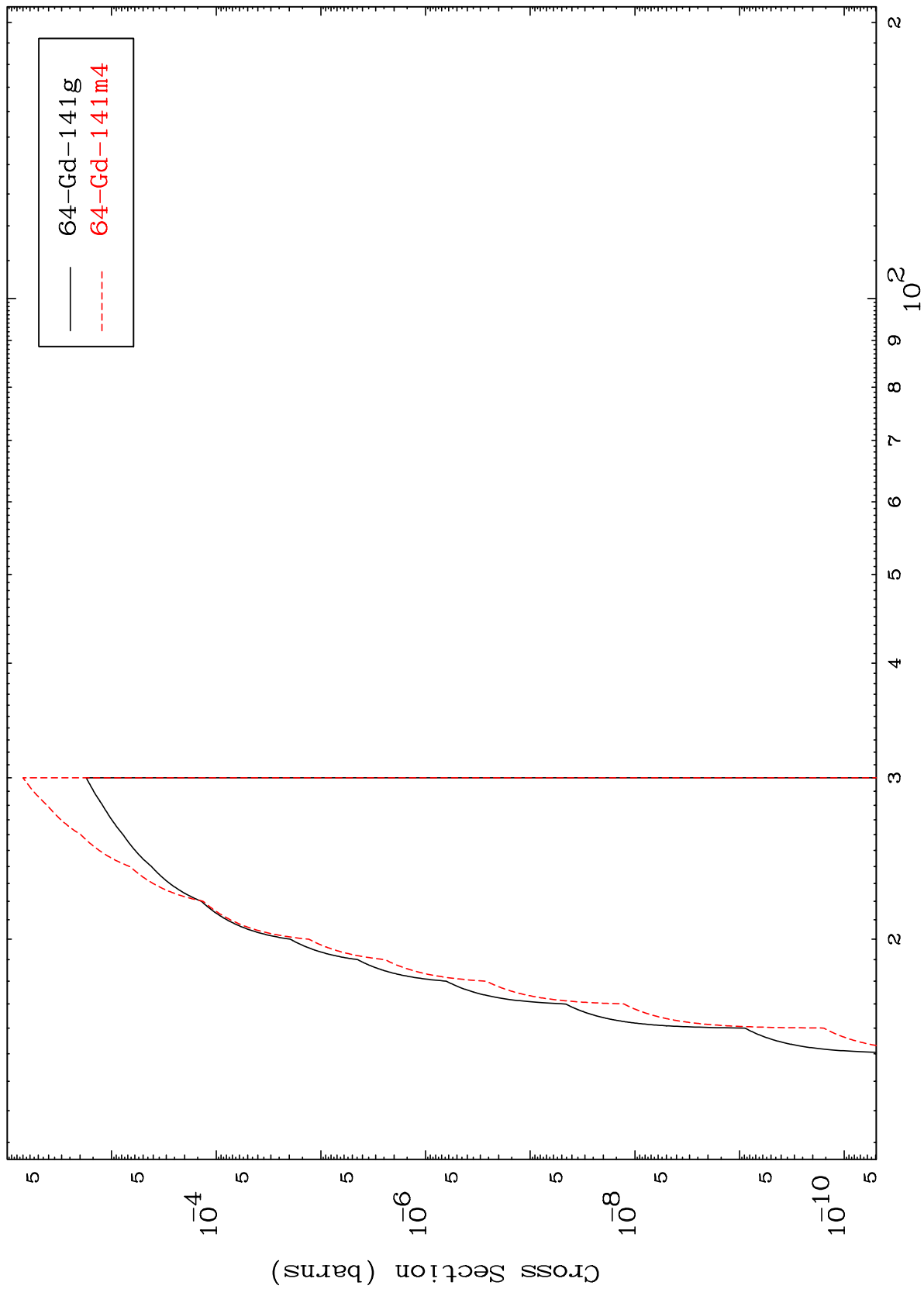
64-Gd-142

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(n,n') d

64-Gd-142

Radionuclide Production Cross Section

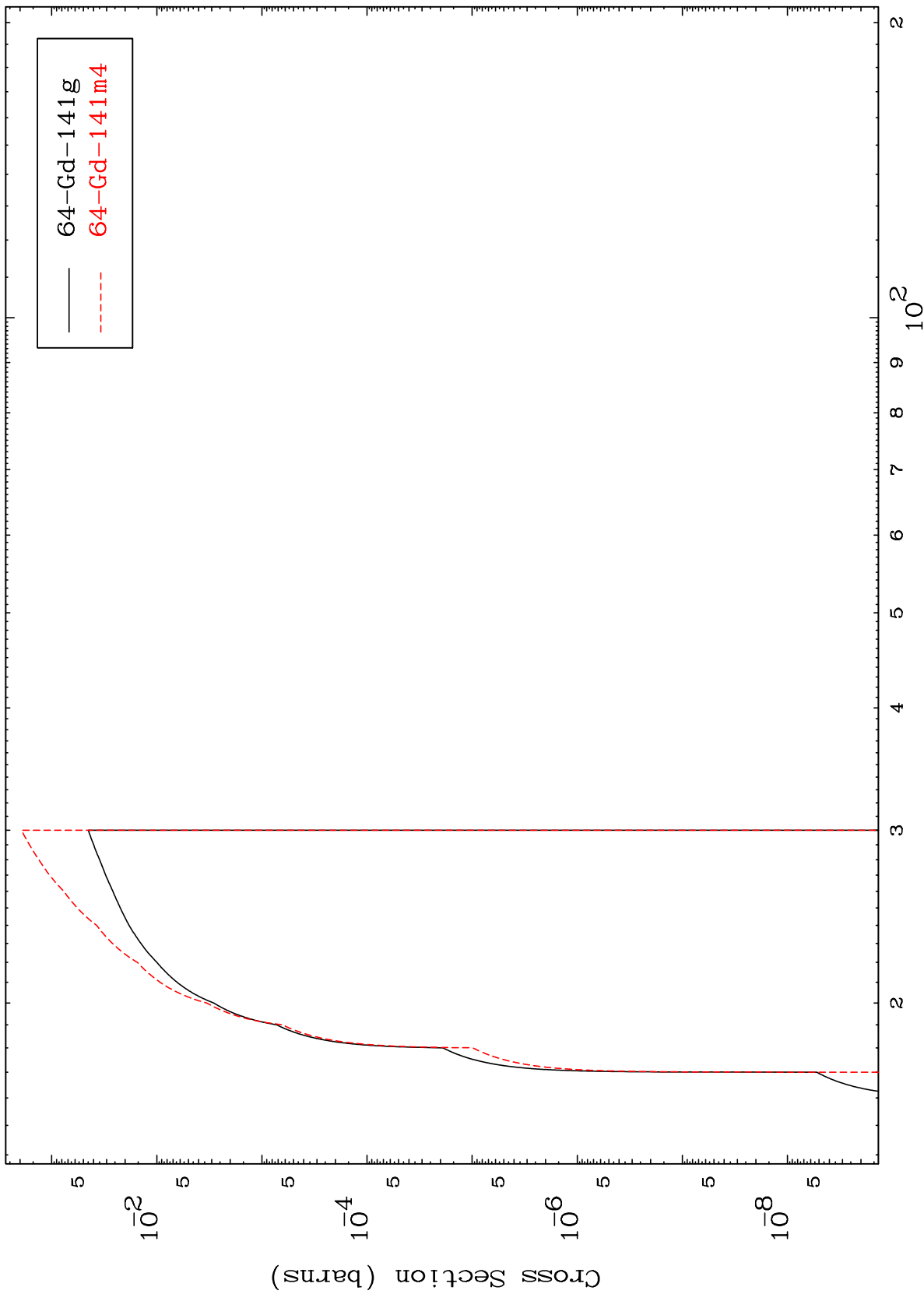


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Incident Energy (MeV)

64-Gd-142

(n,2n) p
Radionuclide Production Cross Section

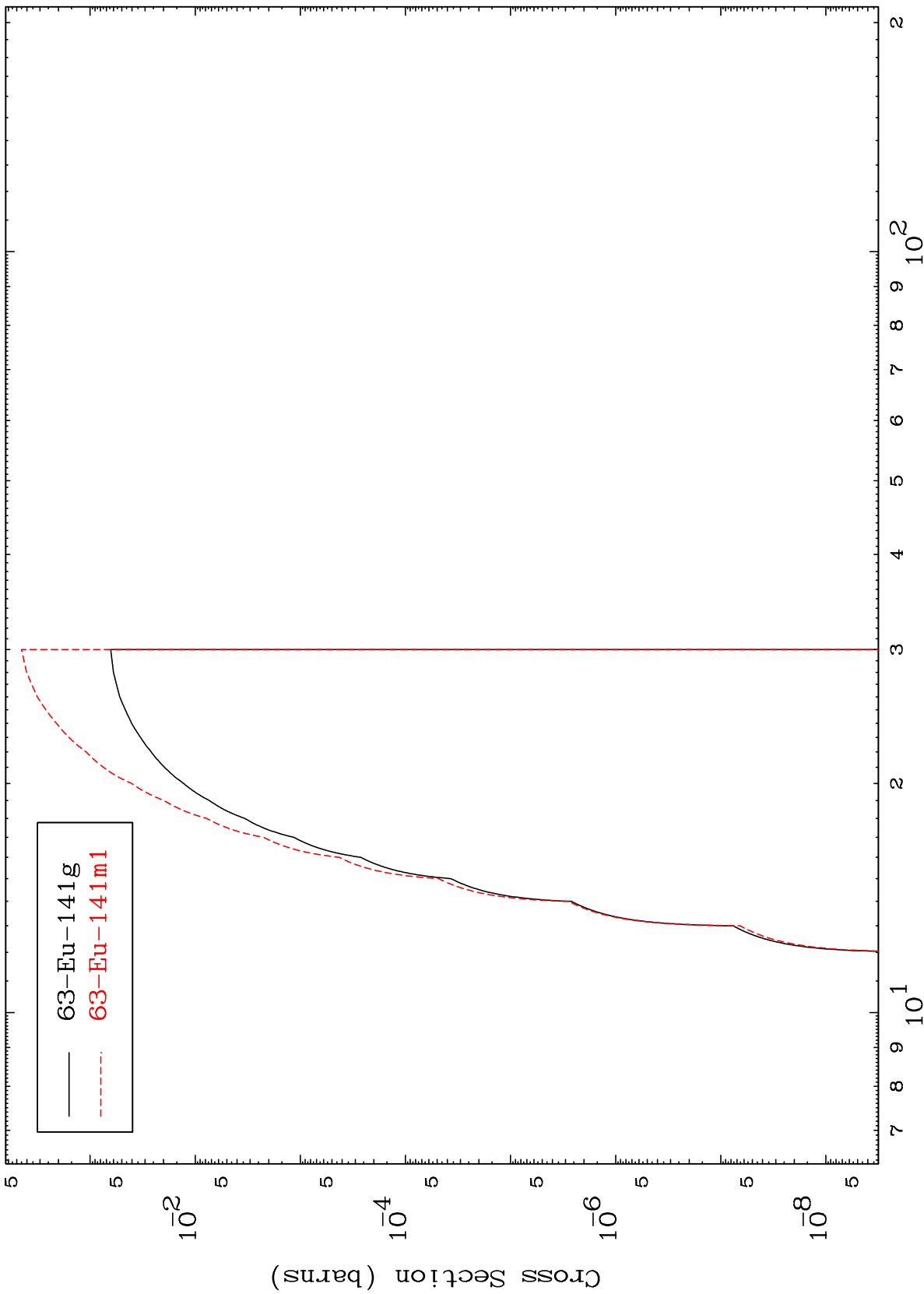


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(n,2n) p

64-Gd-142

Radionuclide Production Cross Section



19

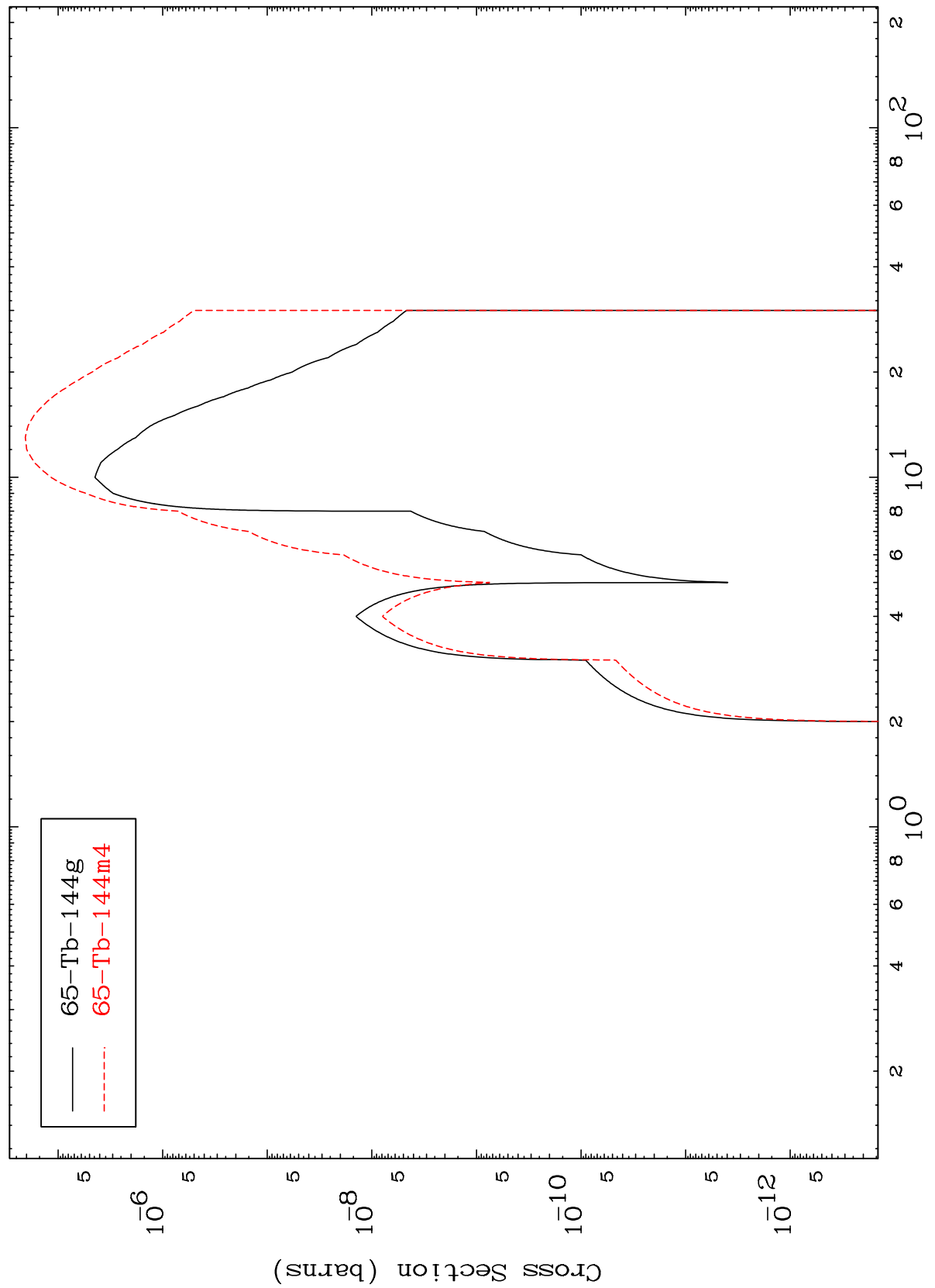
Incident Energy (MeV)

64-Gd-142

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64-Gd-142

(n, γ)
Radionuclide Production Cross Section



20

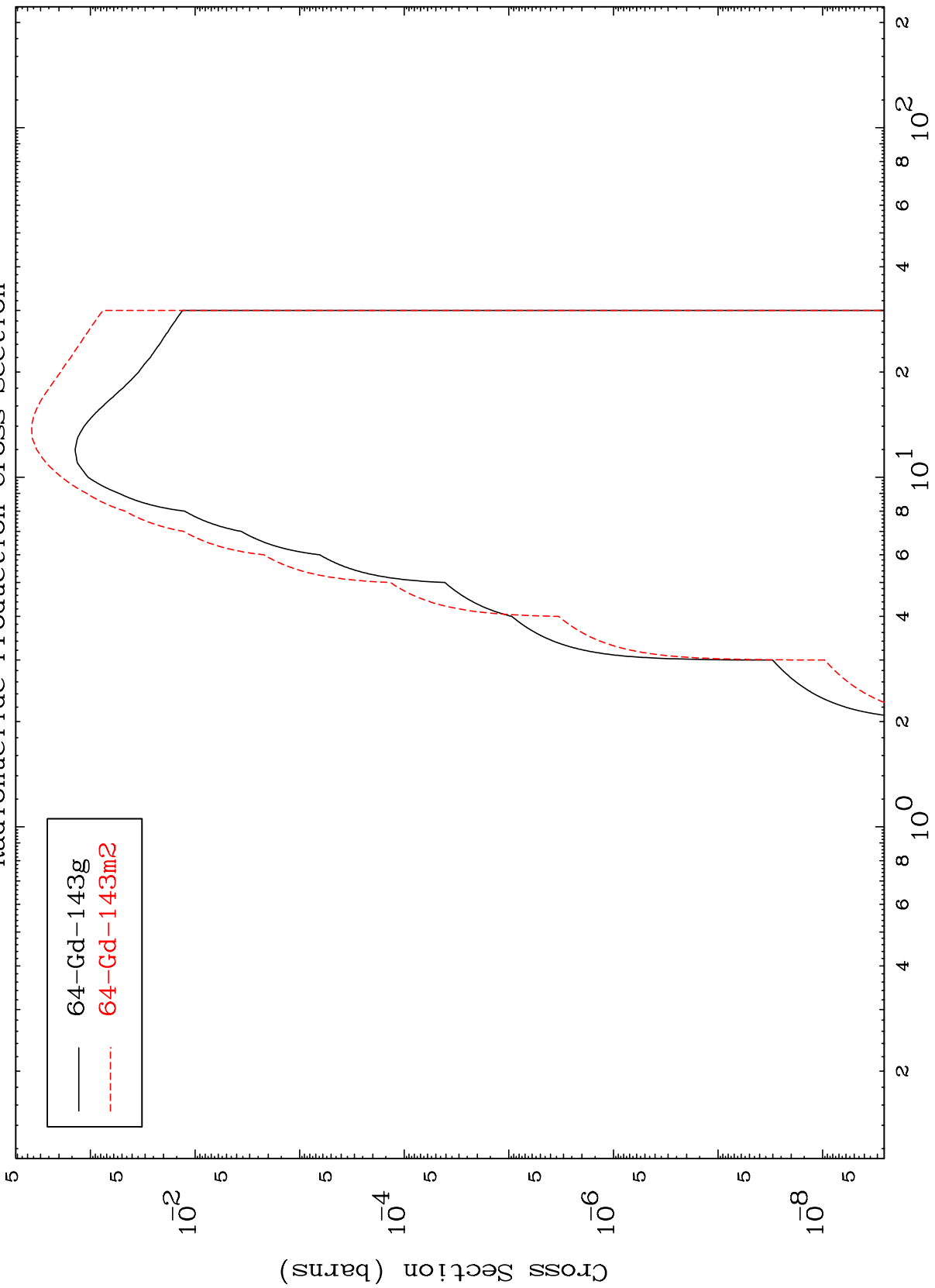
64-Gd-142

Incident Energy (MeV)

MAT 6395

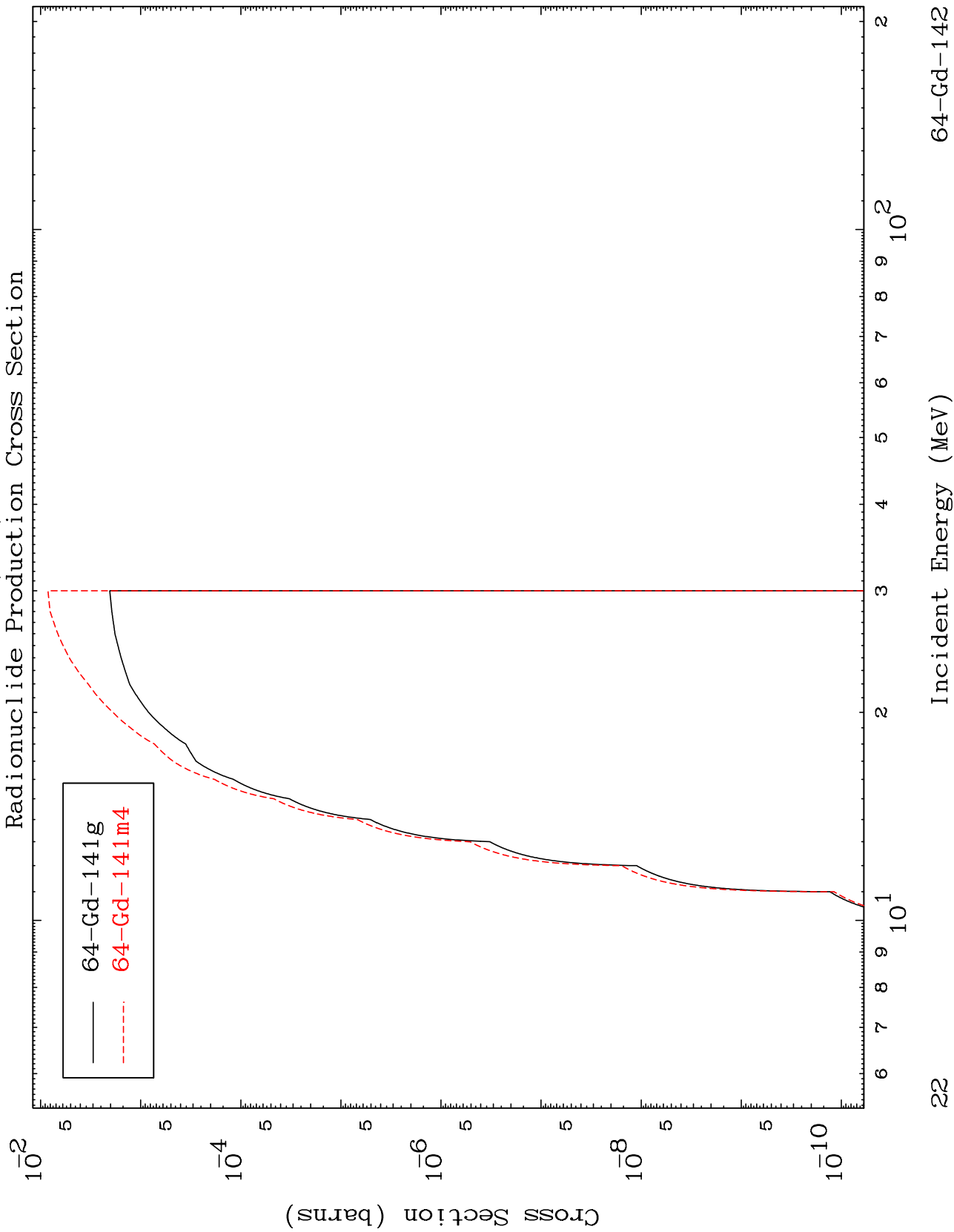
64-Gd-142

(n,p)
Radionuclide Production Cross Section



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64-Gd-142

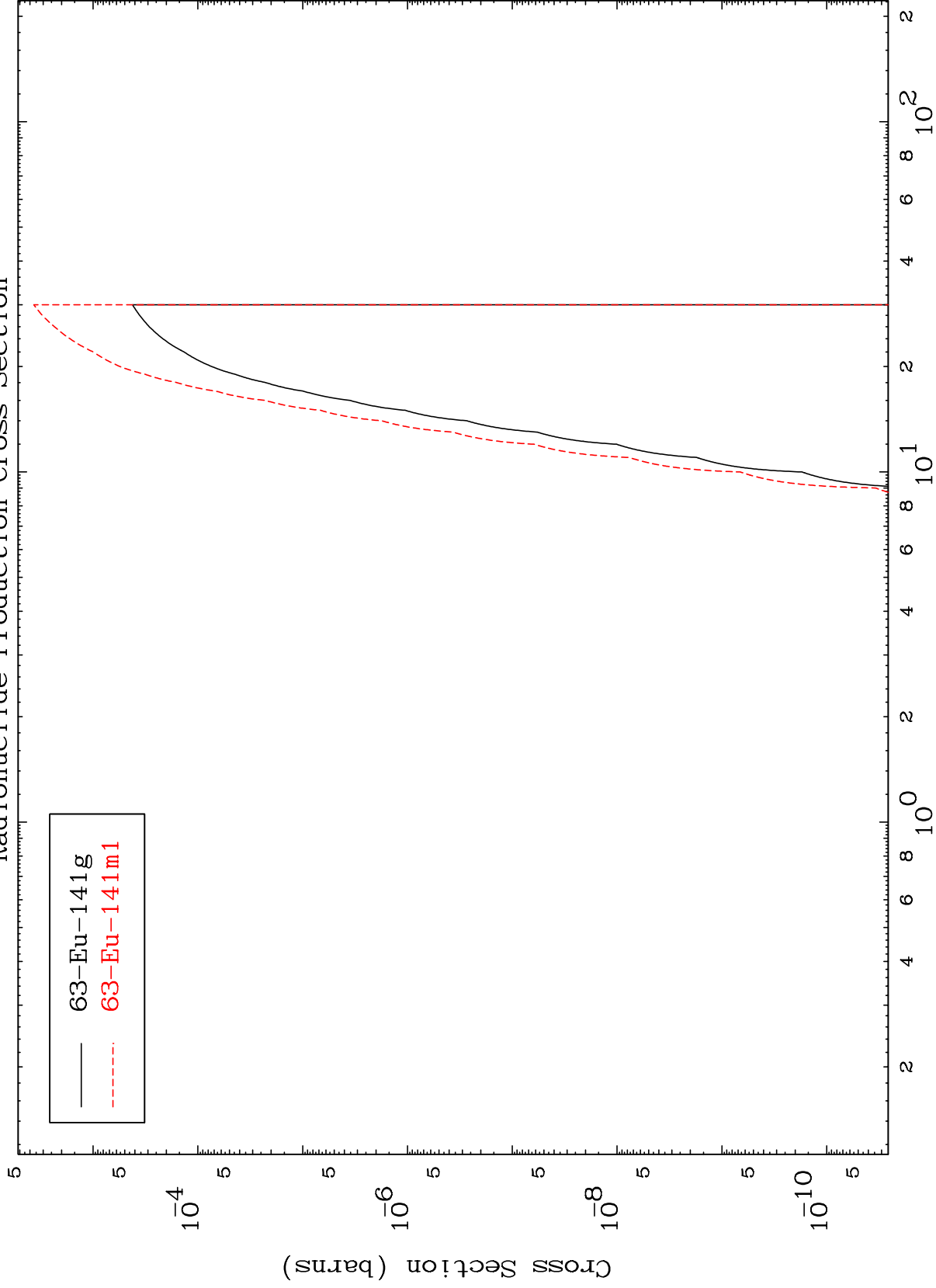


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(n,He-3)

64-Gd-142

Radionuclide Production Cross Section



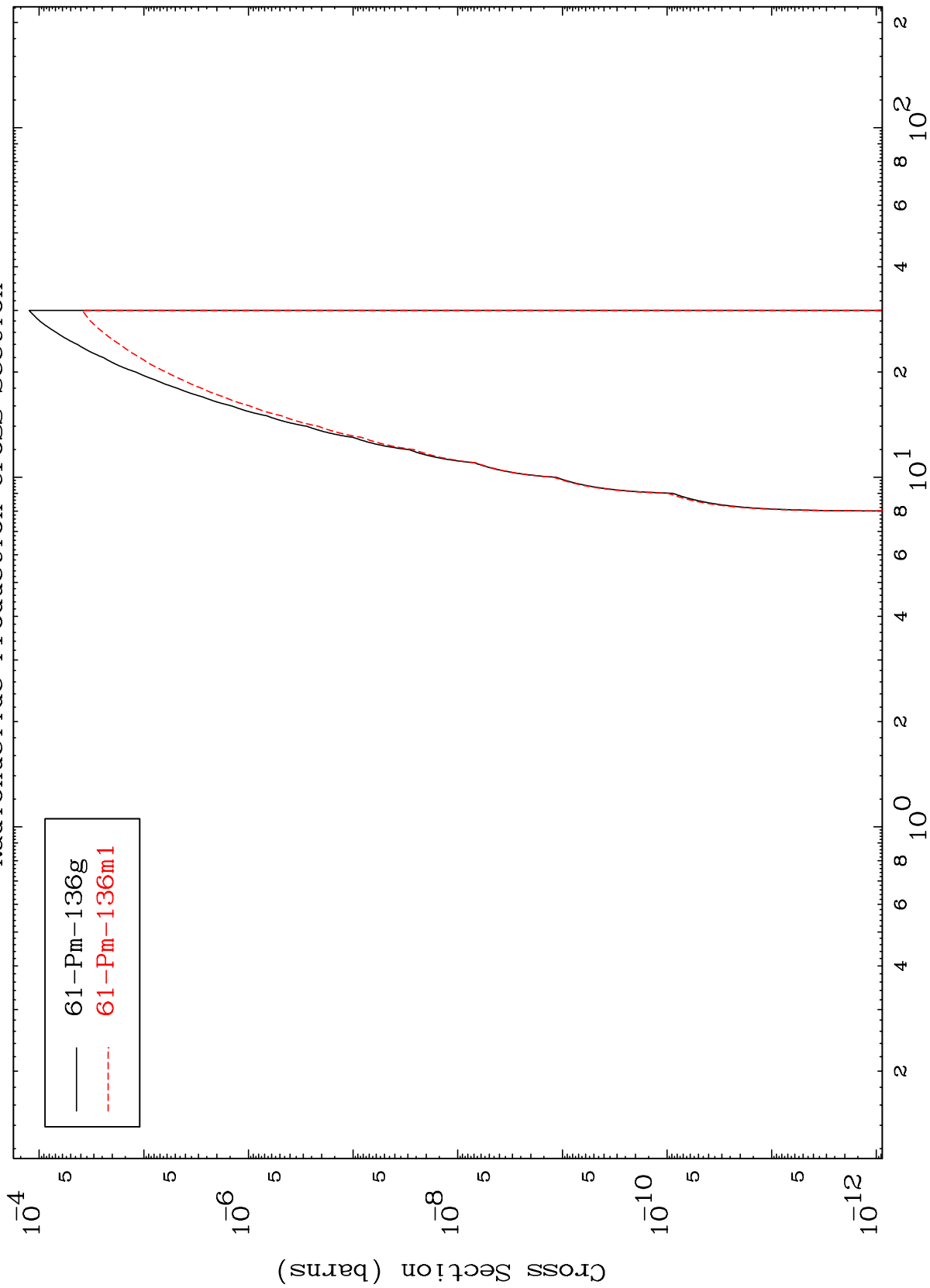
23

64-Gd-142

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64-Gd-142

Radionuclide Production Cross Section
(n,2 α)

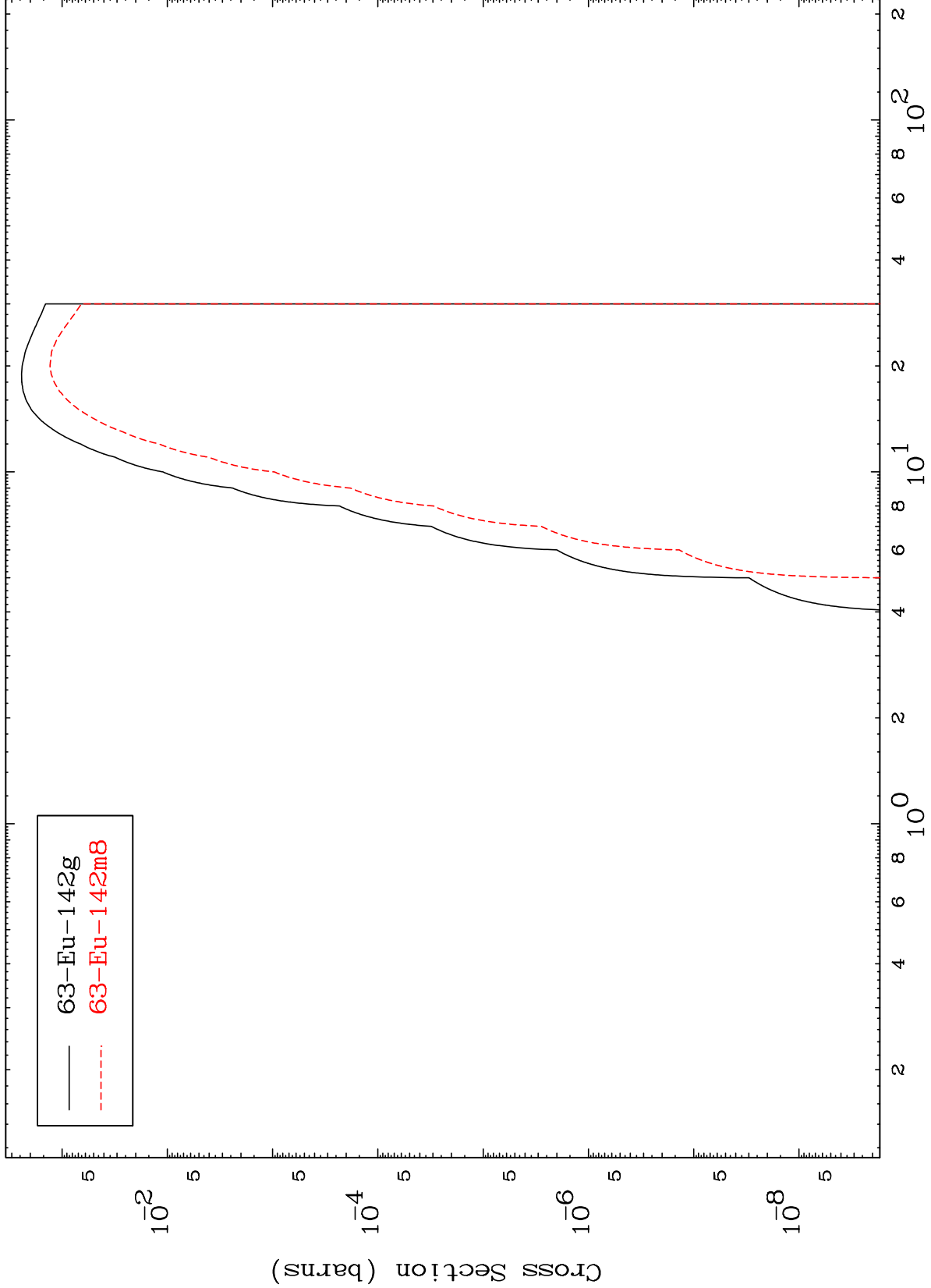


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(n,2p)

64-Gd-142

Radionuclide Production Cross Section



25

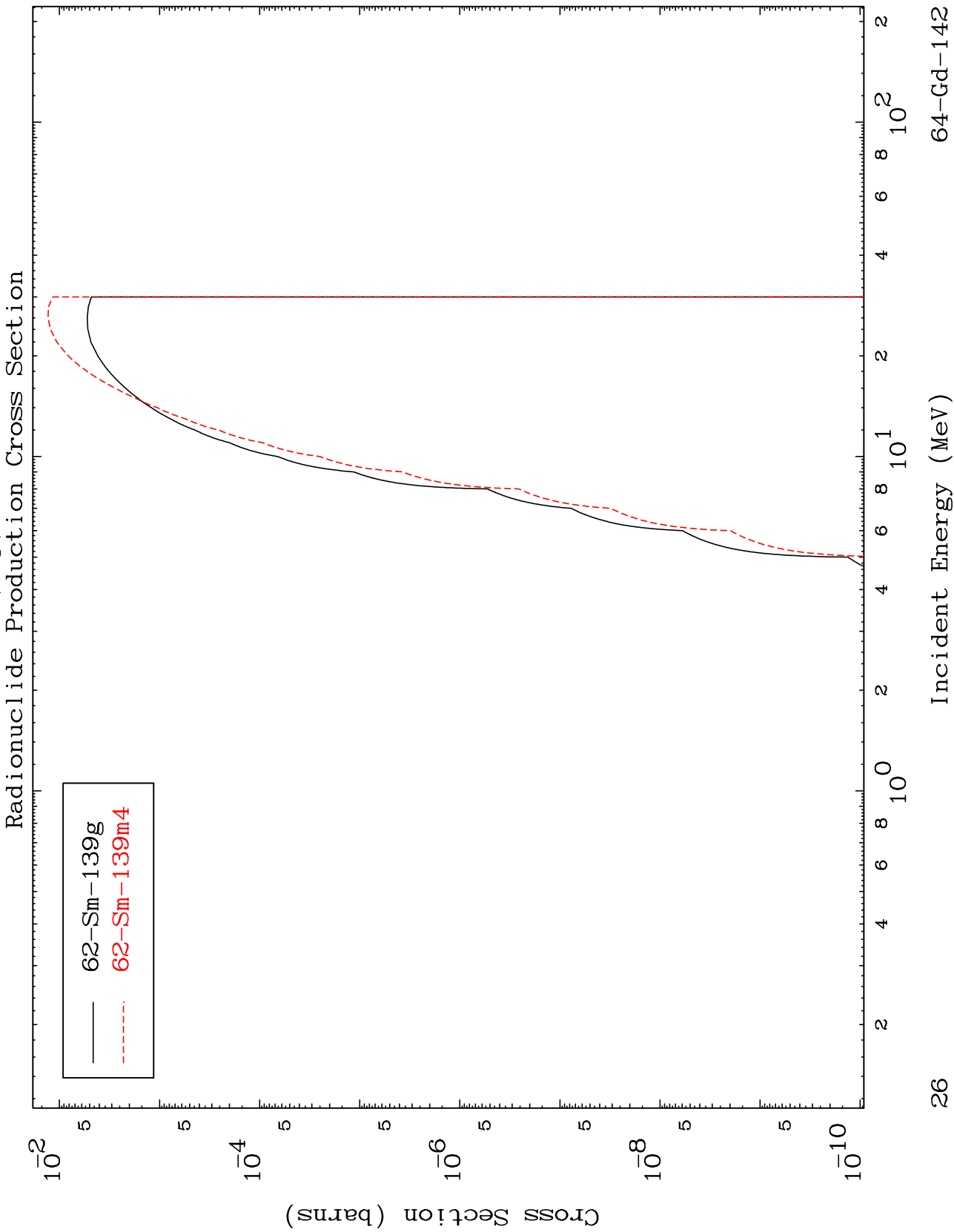
Incident Energy (MeV)

64-Gd-142

MAT 6395

(n,p) α

64-Gd-142

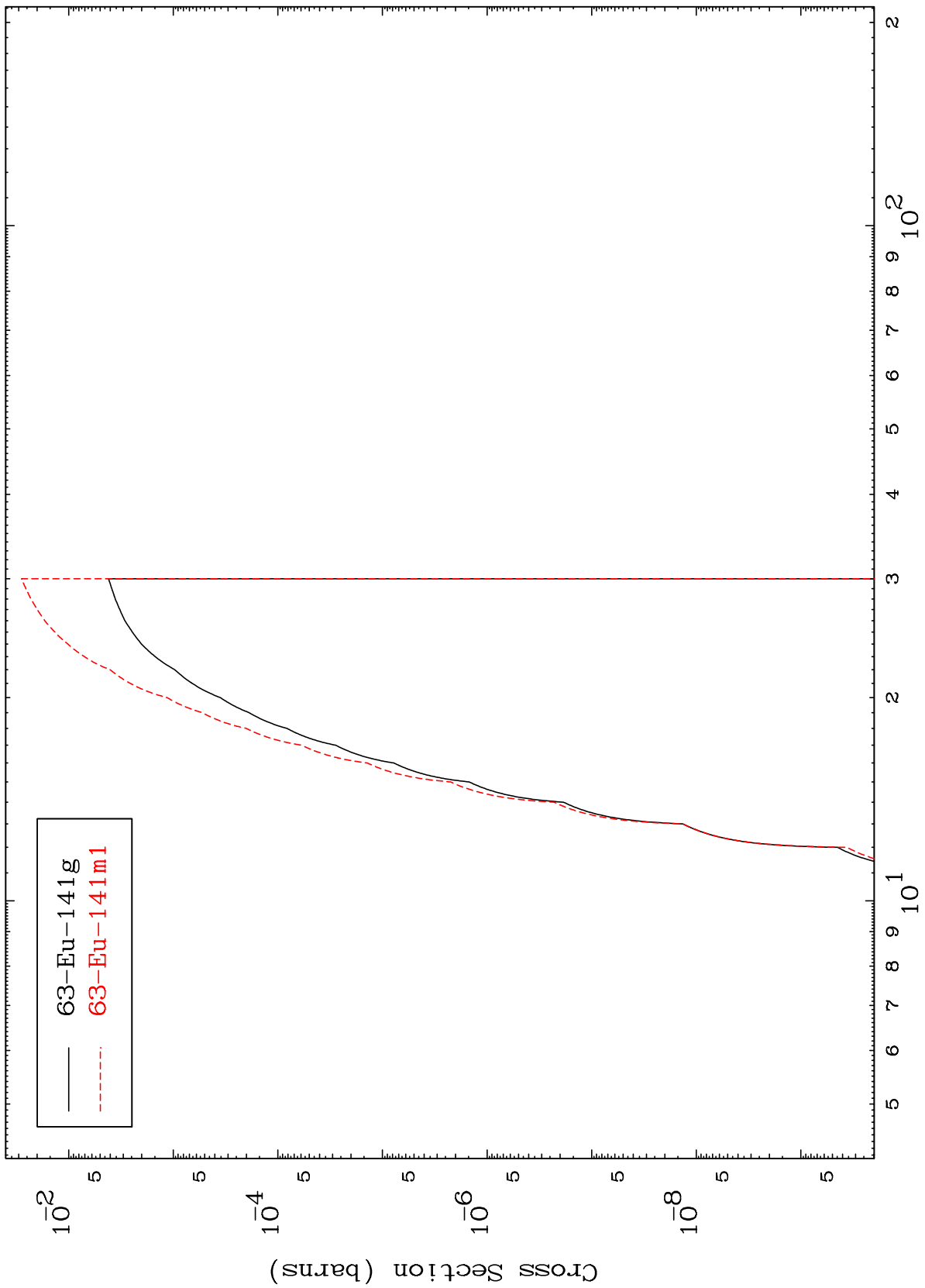


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(n,p) d

64-Gd-142

Radionuclide Production Cross Section



27

Incident Energy (MeV)

64-Gd-142