

Program EVALPLOT
(Version 2021-1)

by

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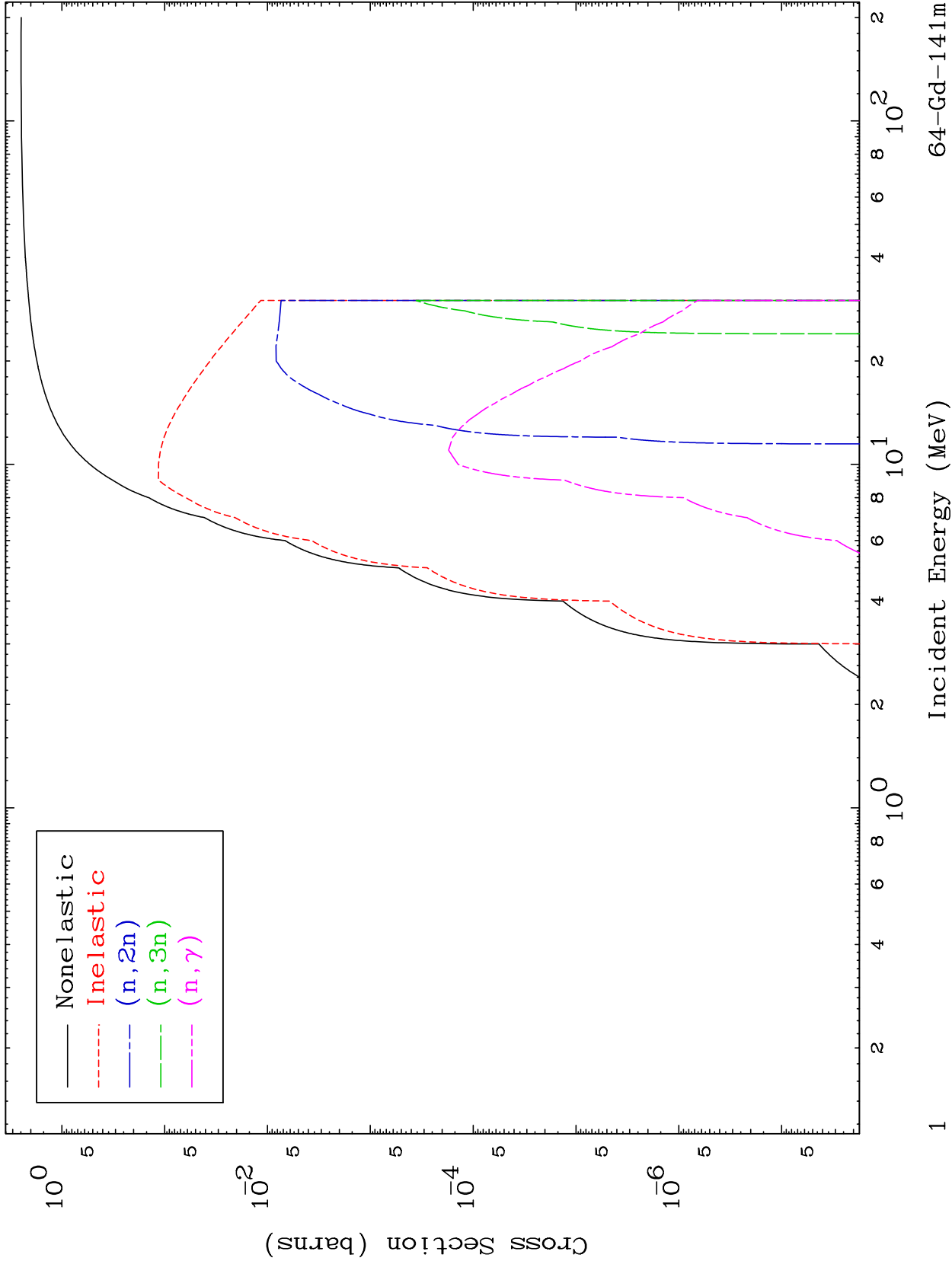
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6393

Deuteron Major
0 Kelvin Cross Sections

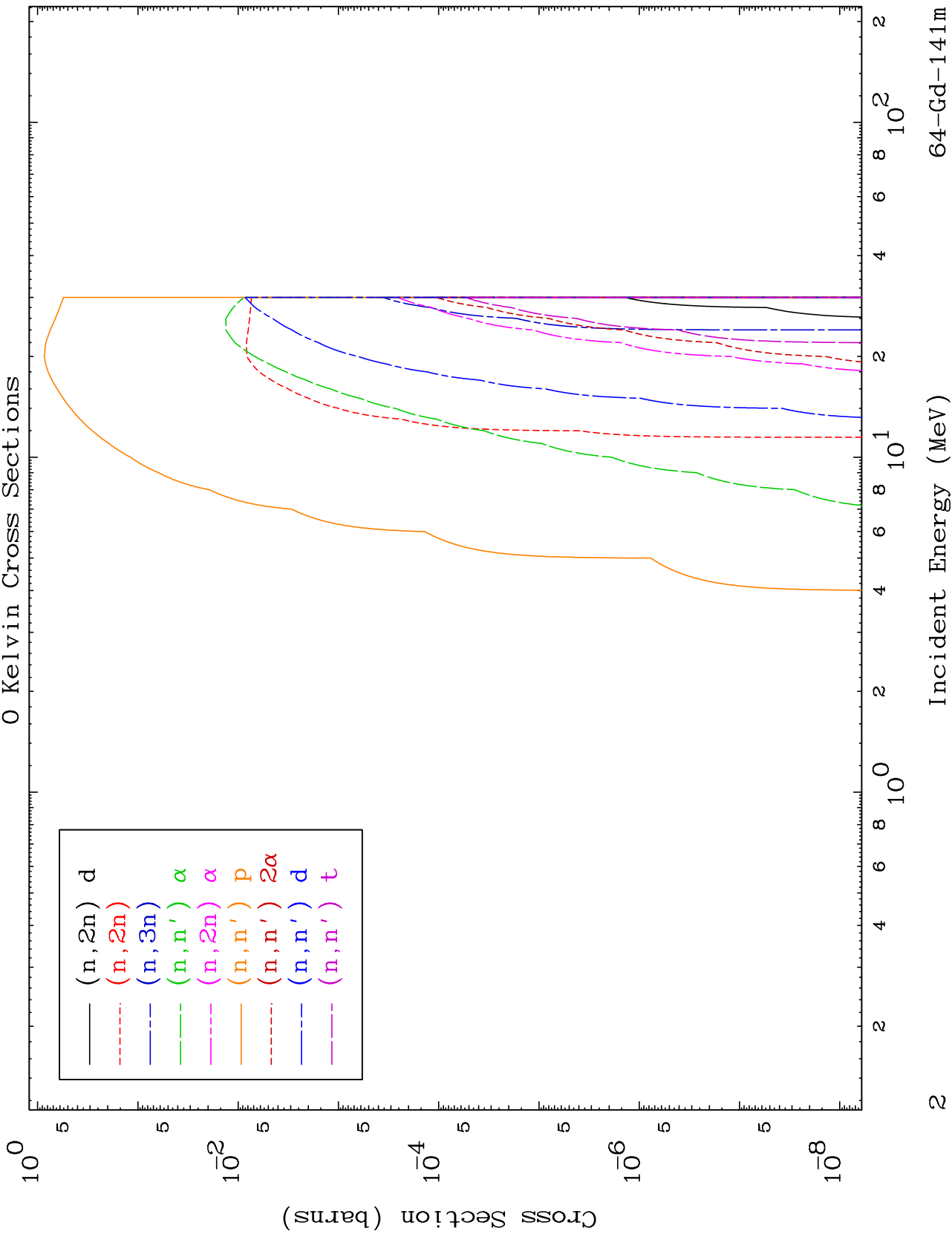
64-Gd-141m



MAT 6393

Deuteron Neutron Absorption
0 Kelvin Cross Sections

64-Gd-141m



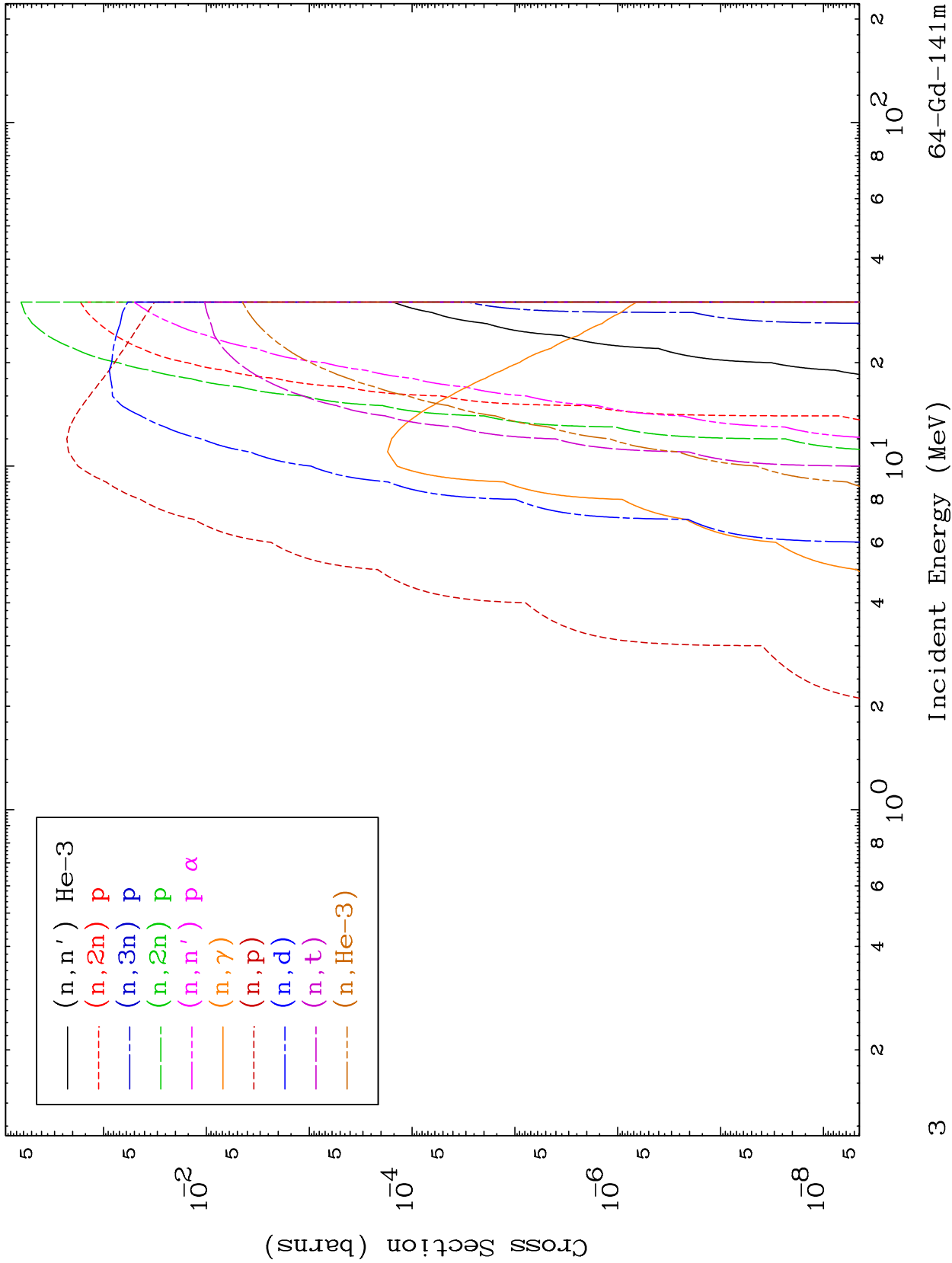
64-Gd-141m

Incident Energy (MeV)

MAT 6393

Deuteron Neutron Absorption
0 Kelvin Cross Sections

64-Gd-141m

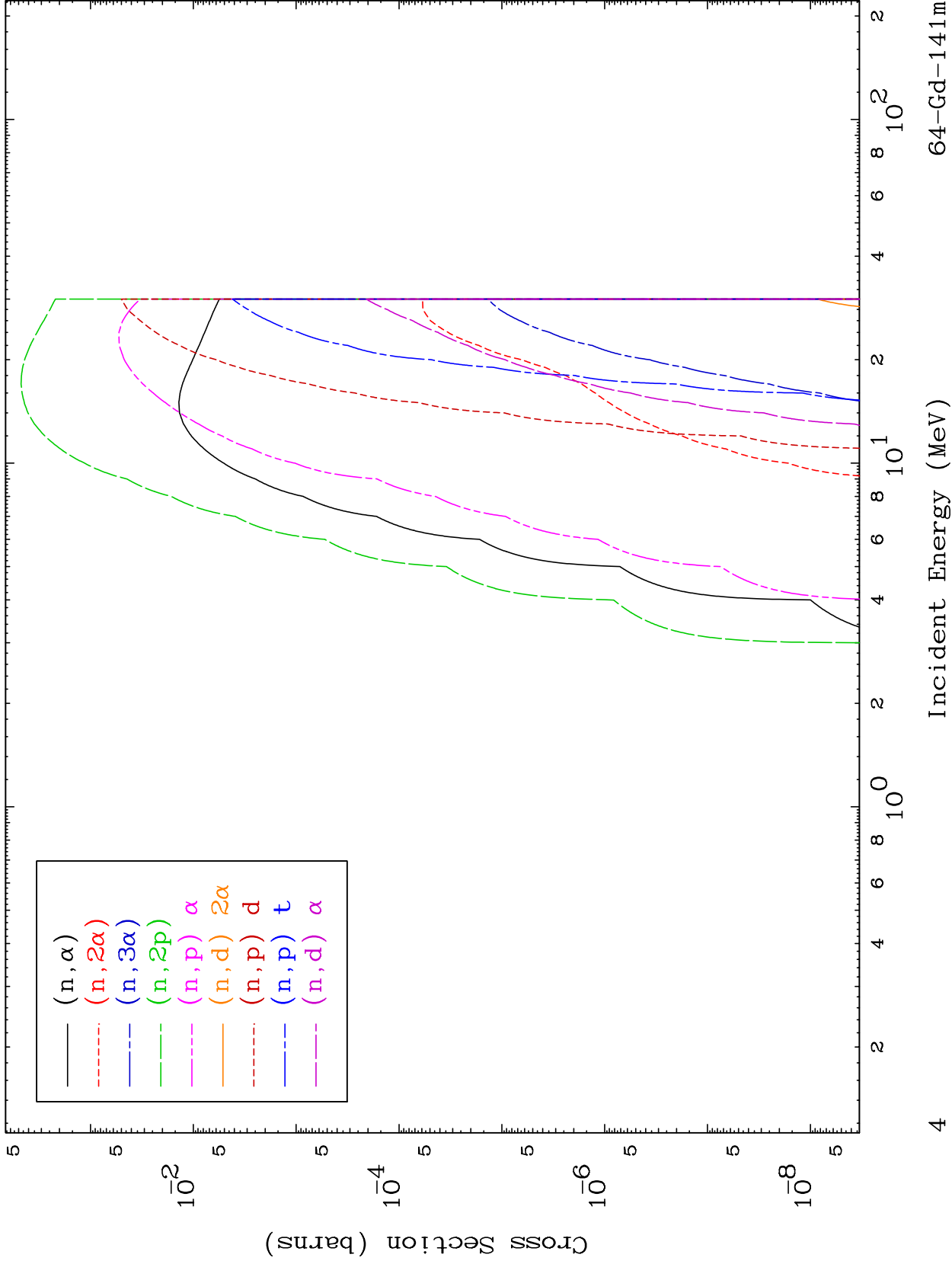


64-Gd-141m

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Deuteron Neutron Absorption
0 Kelvin Cross Sections

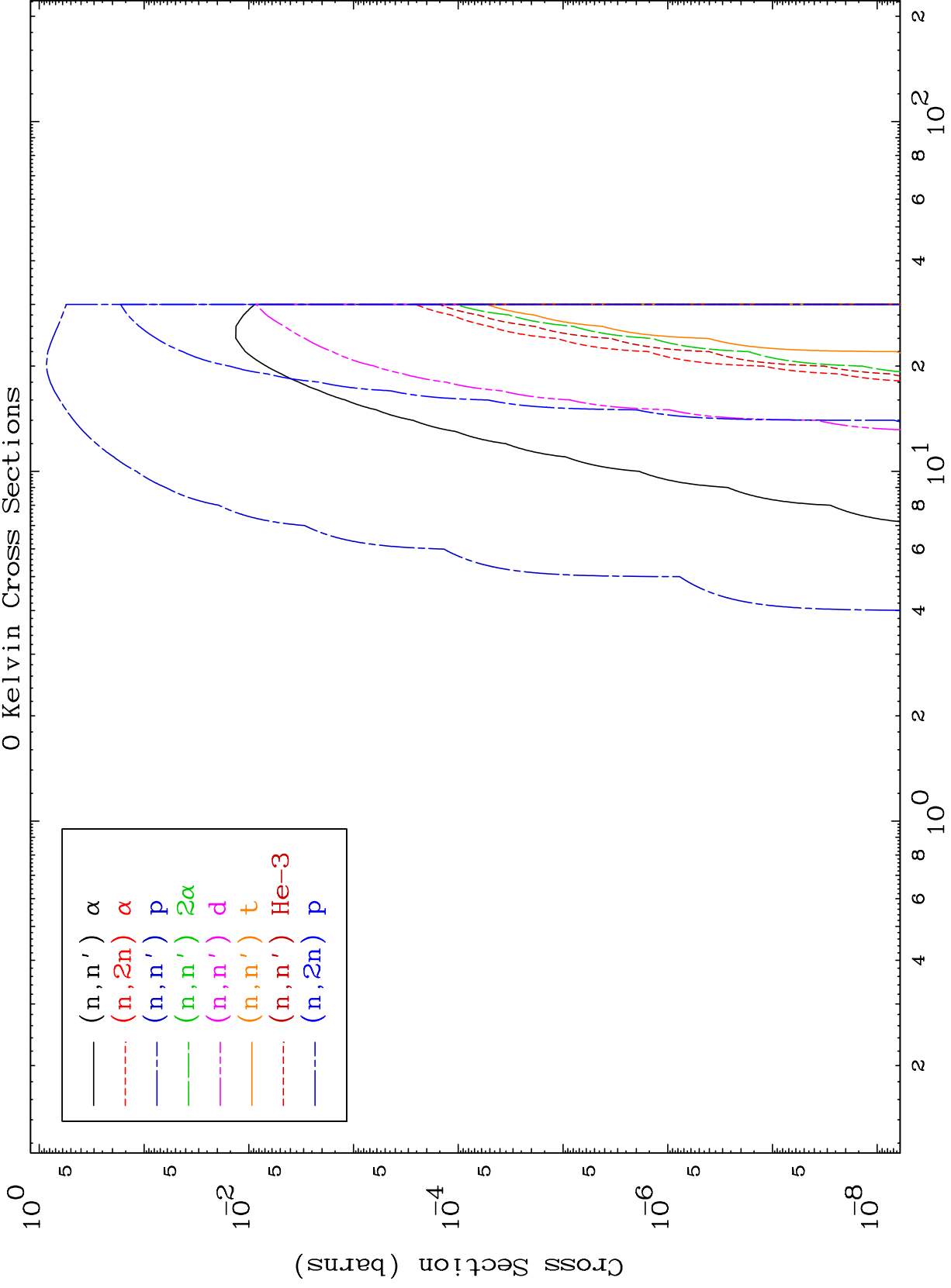
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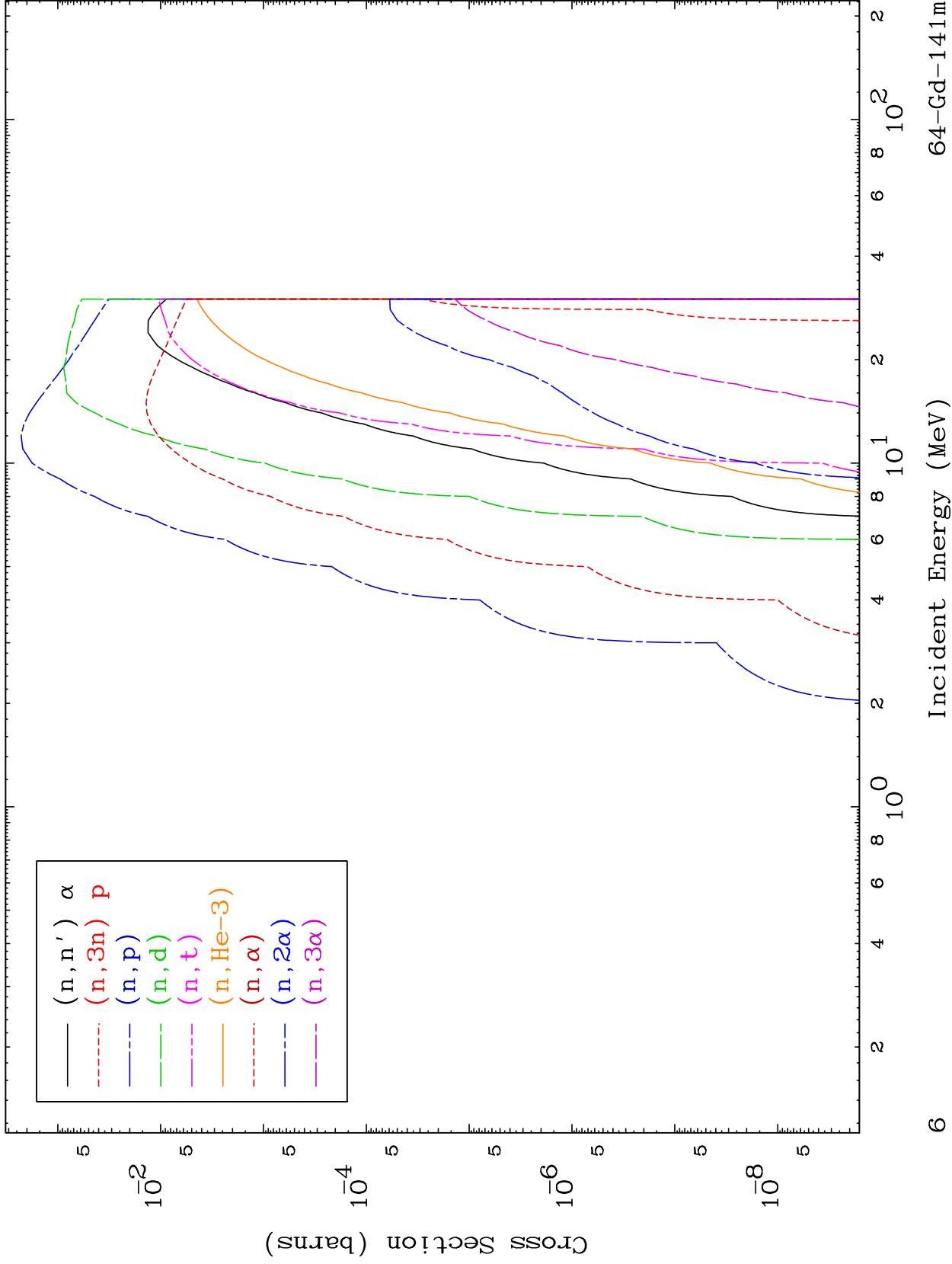


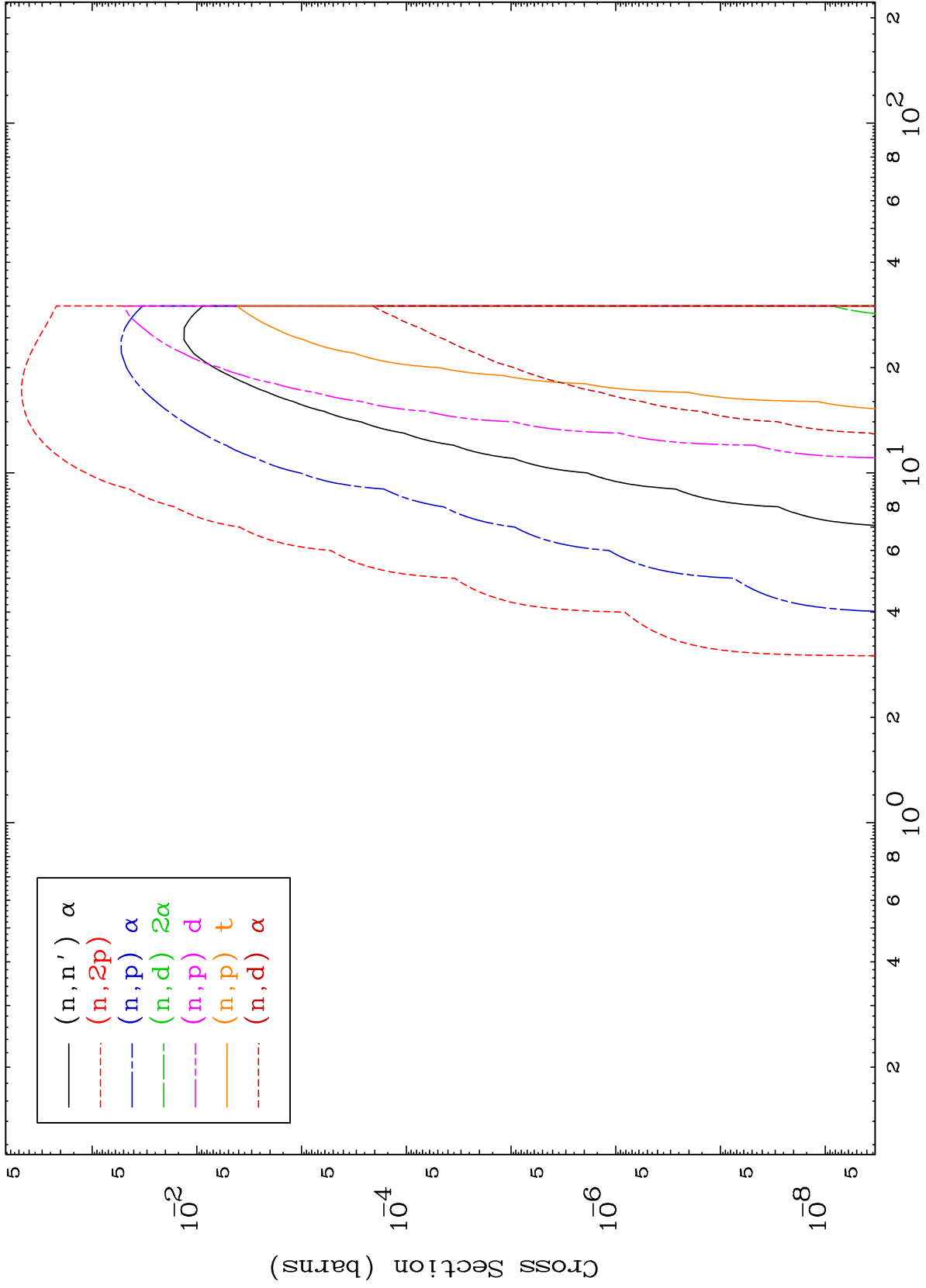
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Deuteron Charged Particle
0 Kelvin Cross Sections

64-Gd-141m





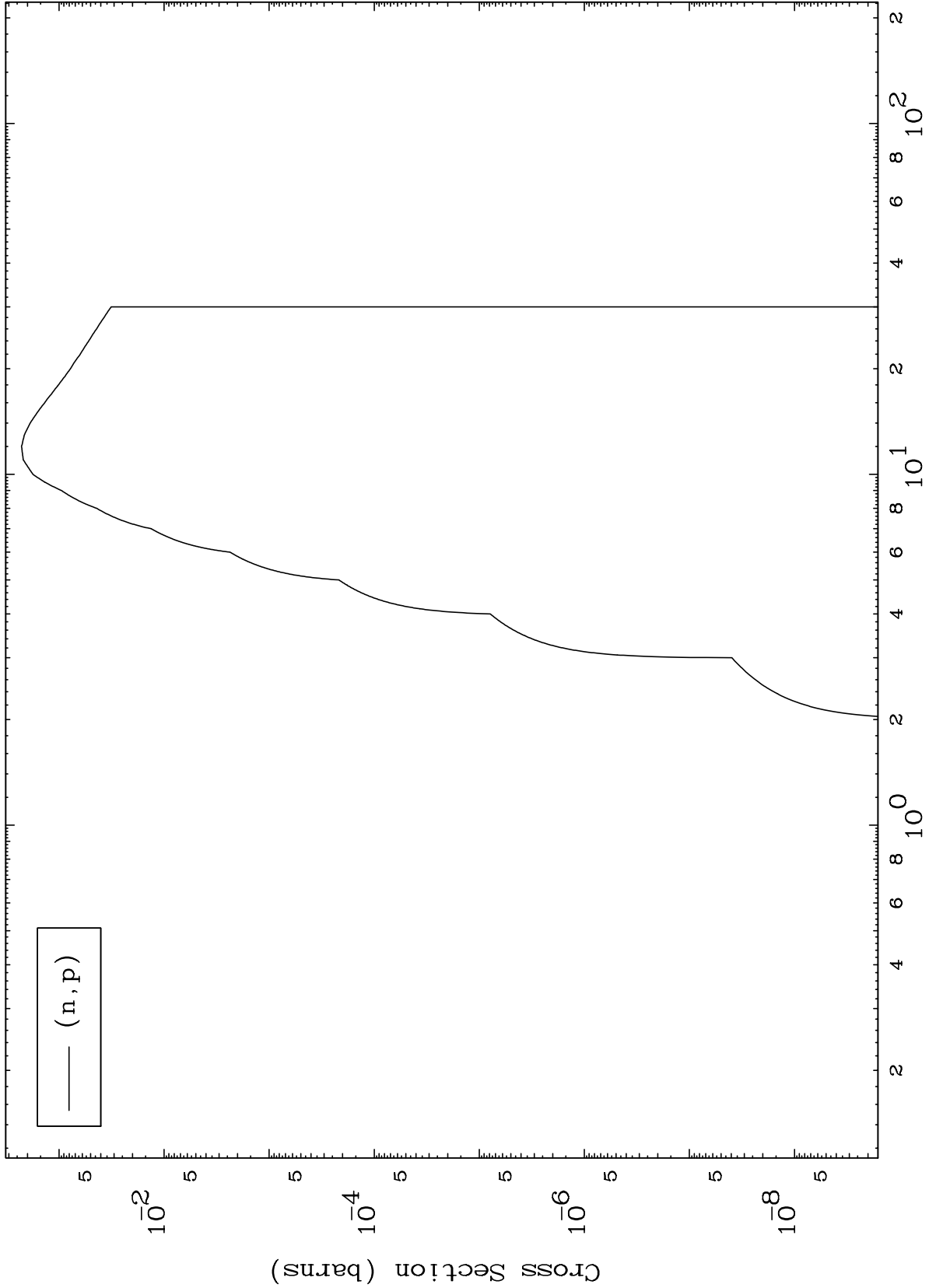


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(d,p) Levels

64-Gd-141m

0 Kelvin Cross Sections

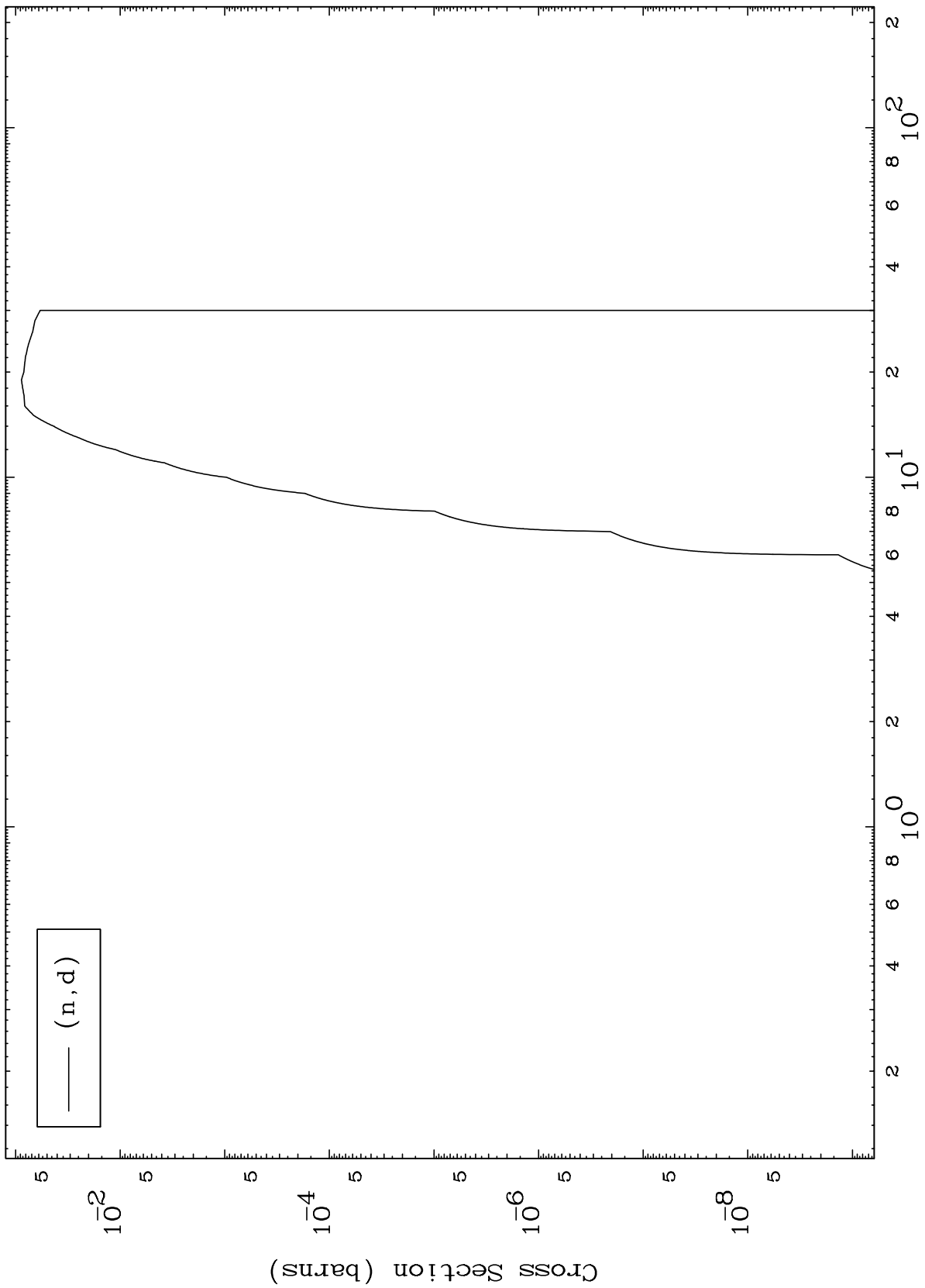


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(d,d) Levels

64-Gd-141m

0 Kelvin Cross Sections

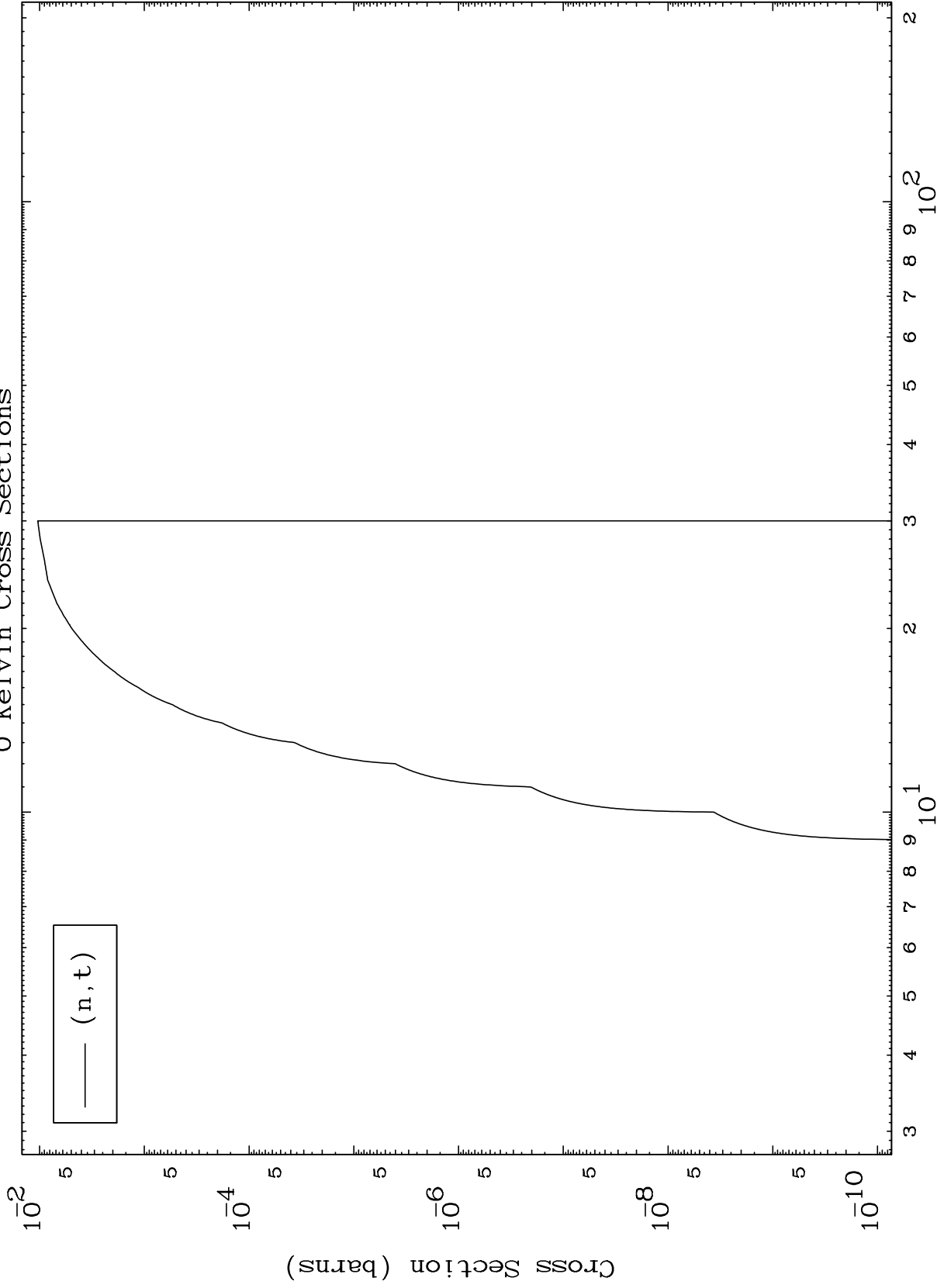


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(d, t) Levels

64-Gd-141m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

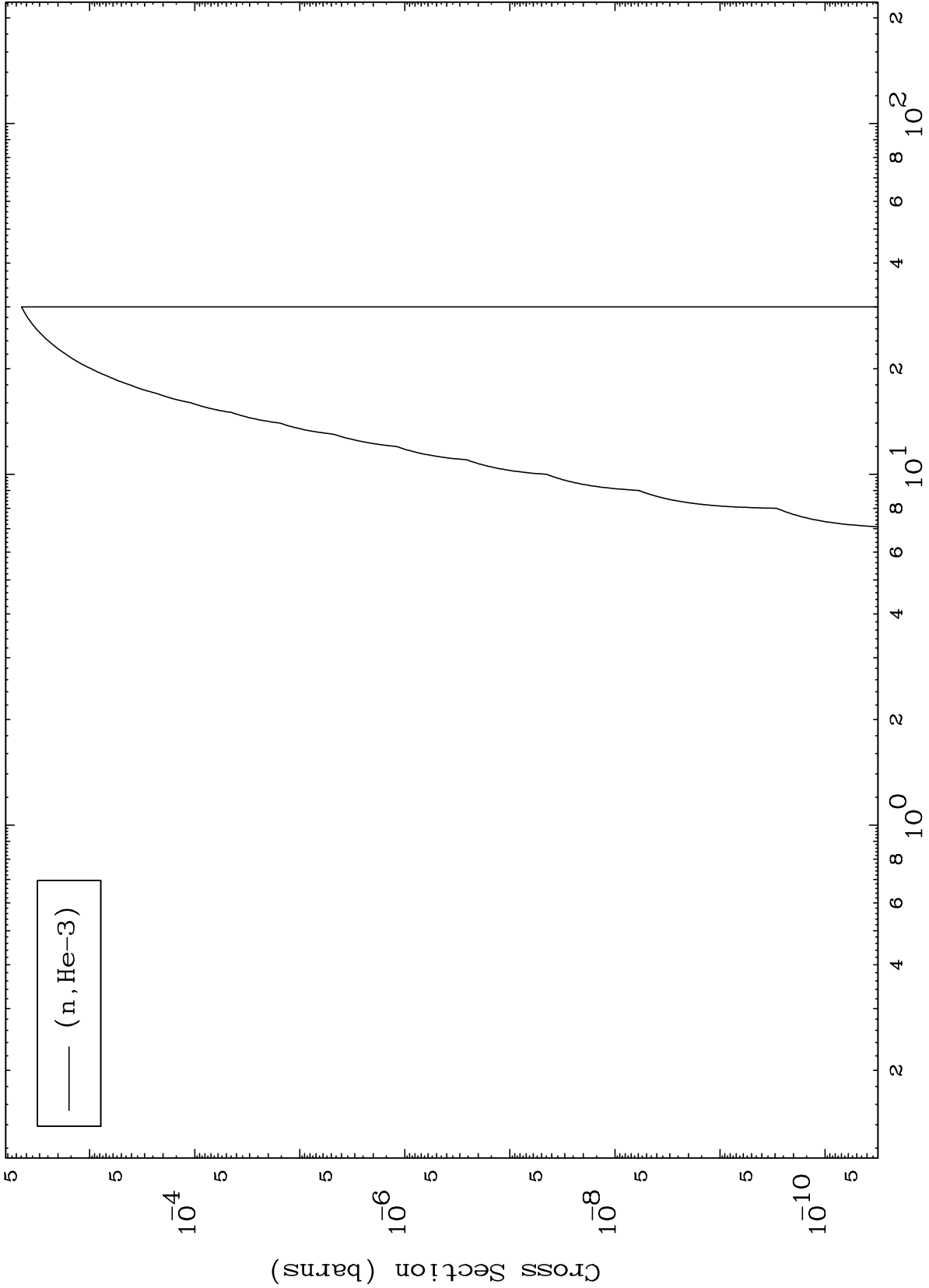
64-Gd-141m

MAT 6393

(d,He3) Levels

64-Gd-141m

0 Kelvin Cross Sections

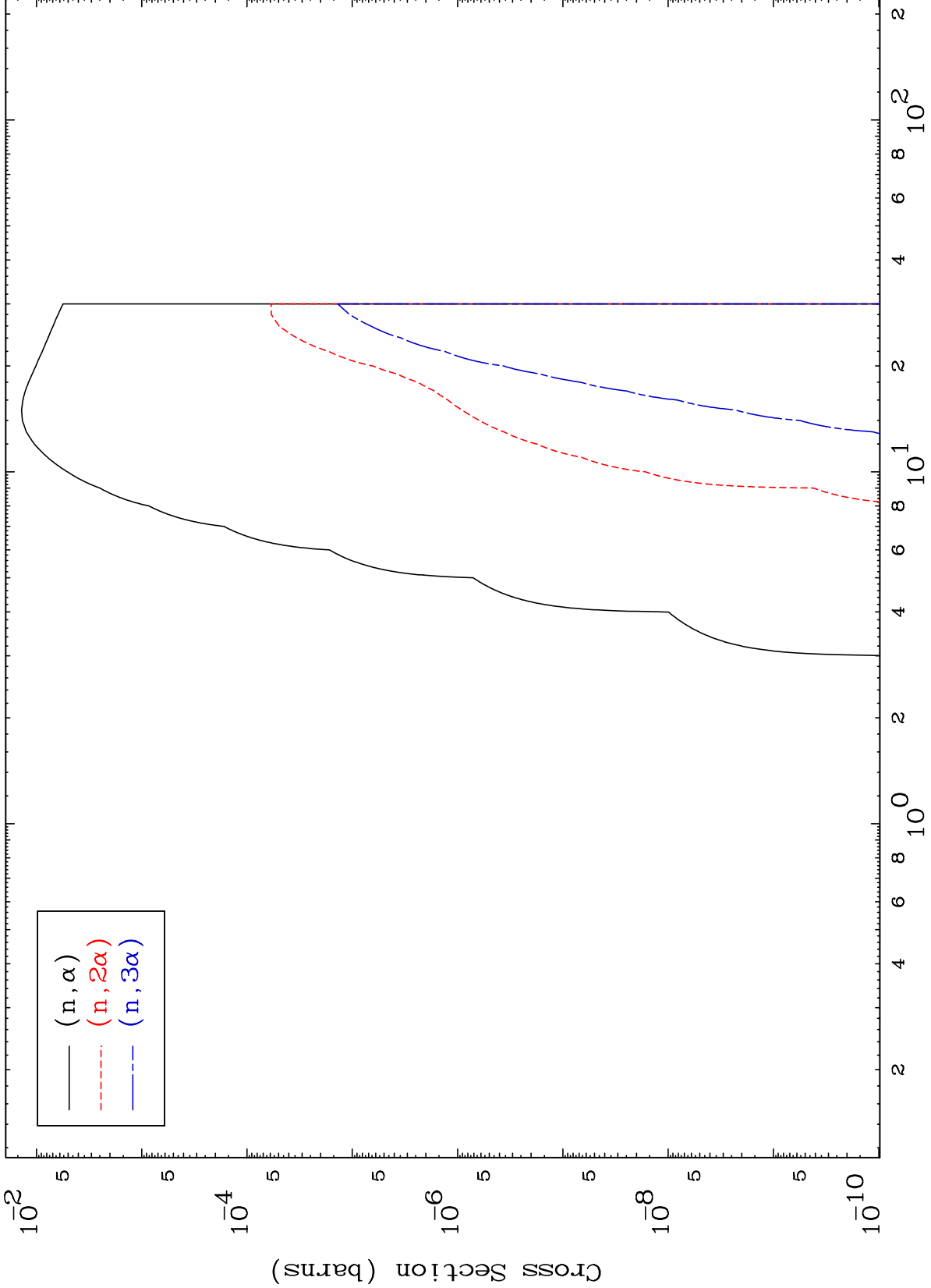


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(d, α) Levels

64-Gd-141m

0 Kelvin Cross Sections

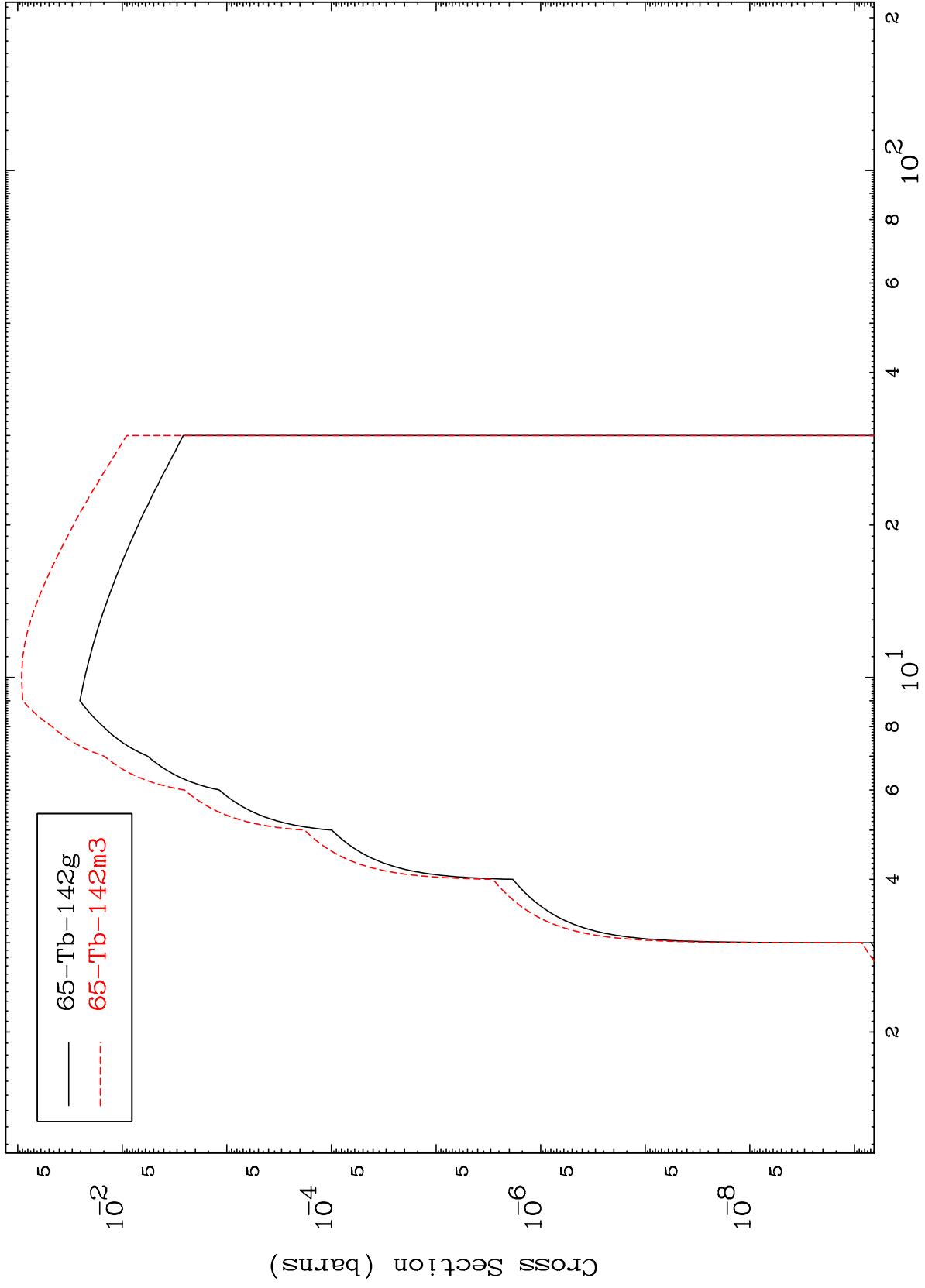


Legend:
— (n, α)
- - $(n, 2\alpha)$
- · - $(n, 3\alpha)$

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64-Gd-141m

Radionuclide Production Cross Section



13

64-Gd-141m

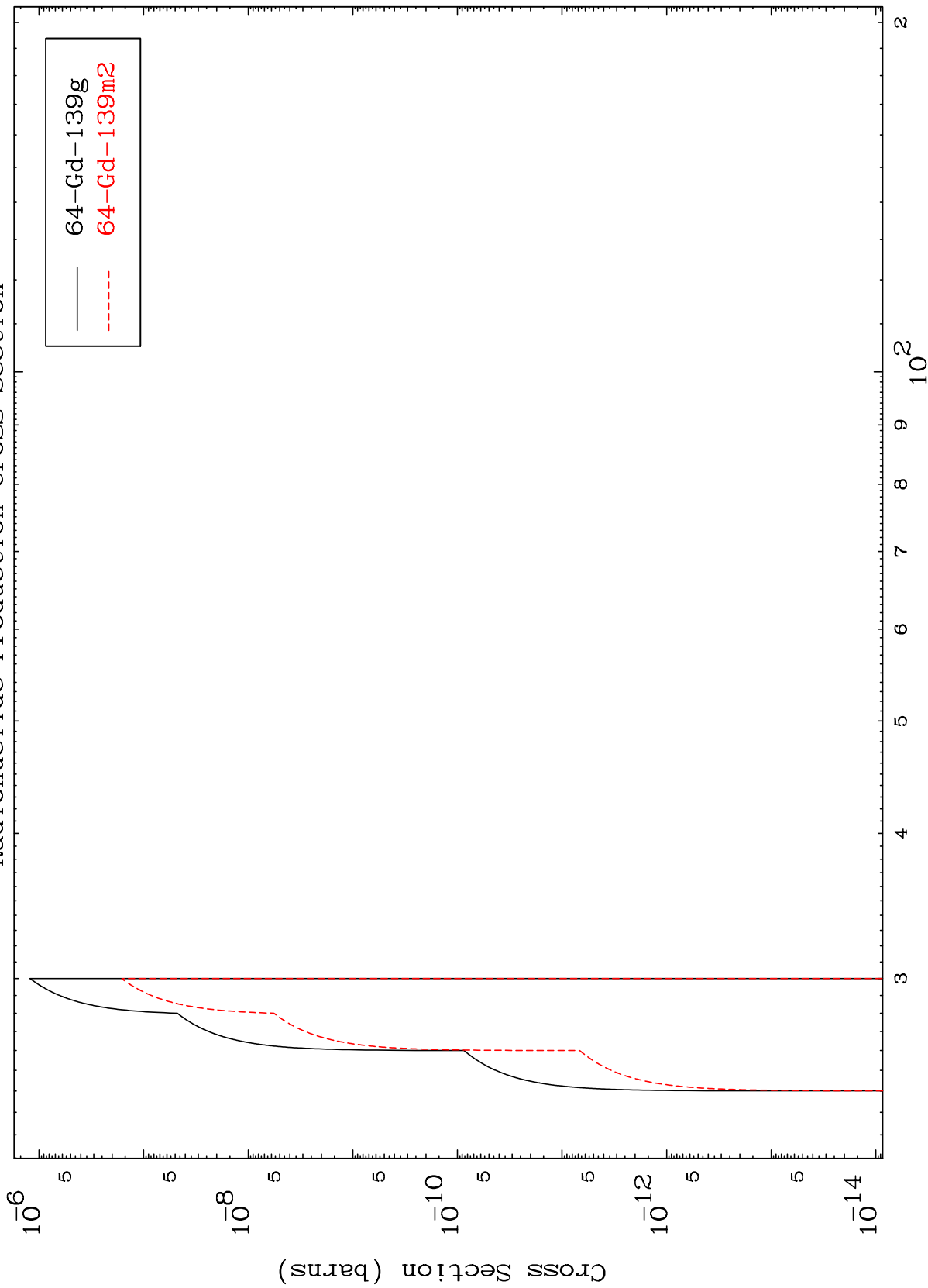
Incident Energy (MeV)

MAT 6393

(n,2n) d

64-Gd-141m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

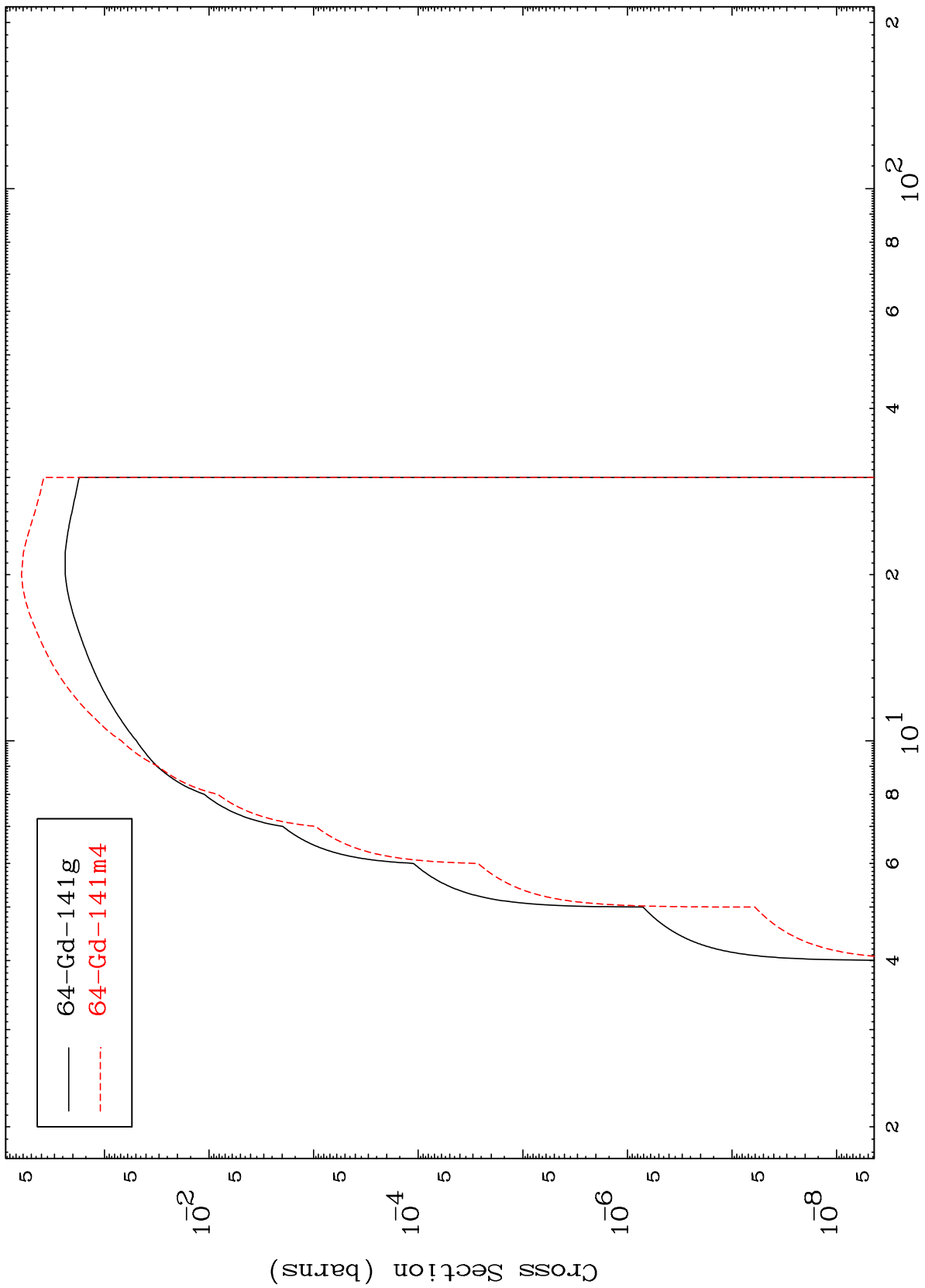
64-Gd-141m

MAT 6393

64-Gd-141m

Radionuclide Production Cross Section

(n,n') p



15

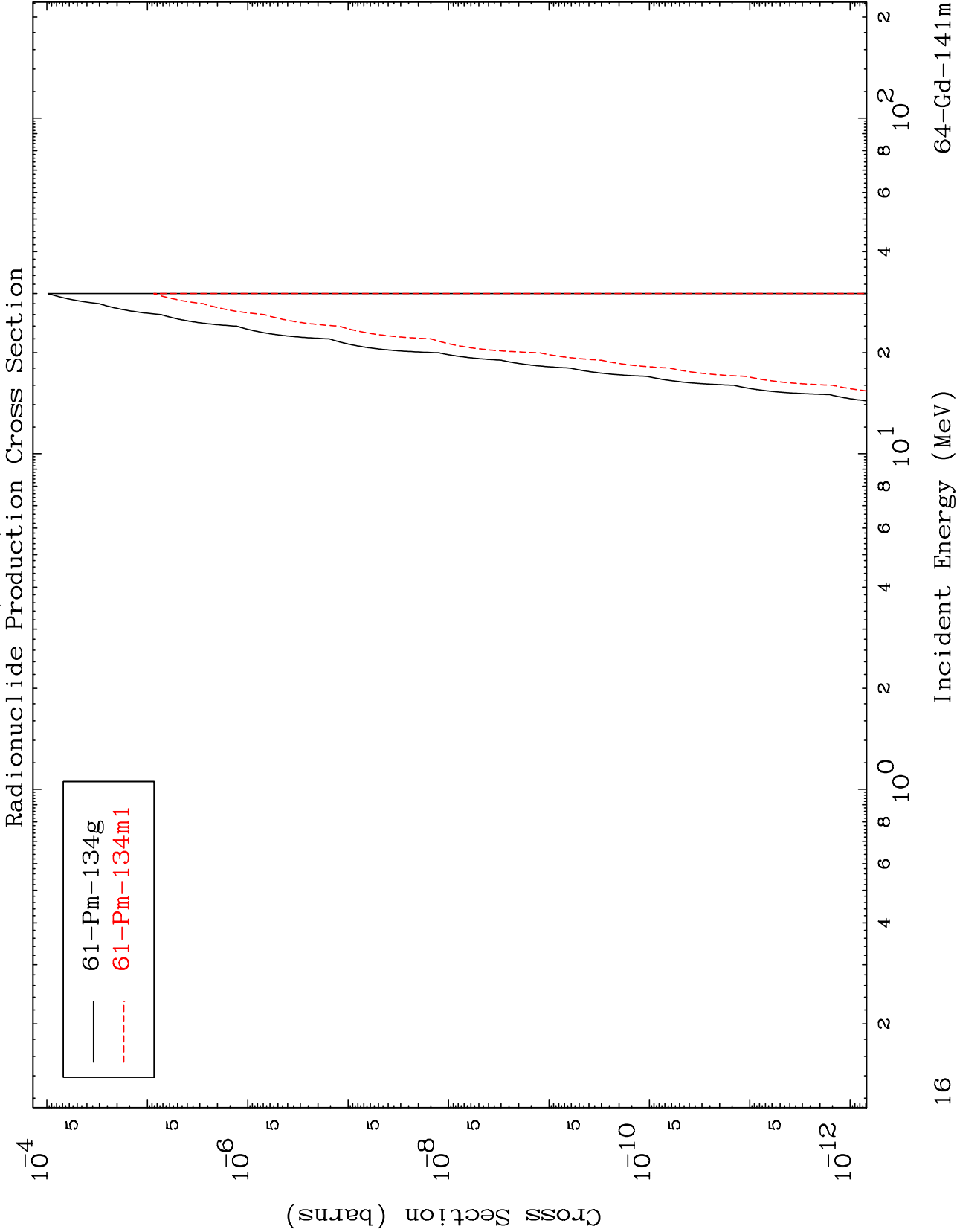
Incident Energy (MeV)

64-Gd-141m

MAT 6393

(n,n') 2 α

64-Gd-141m



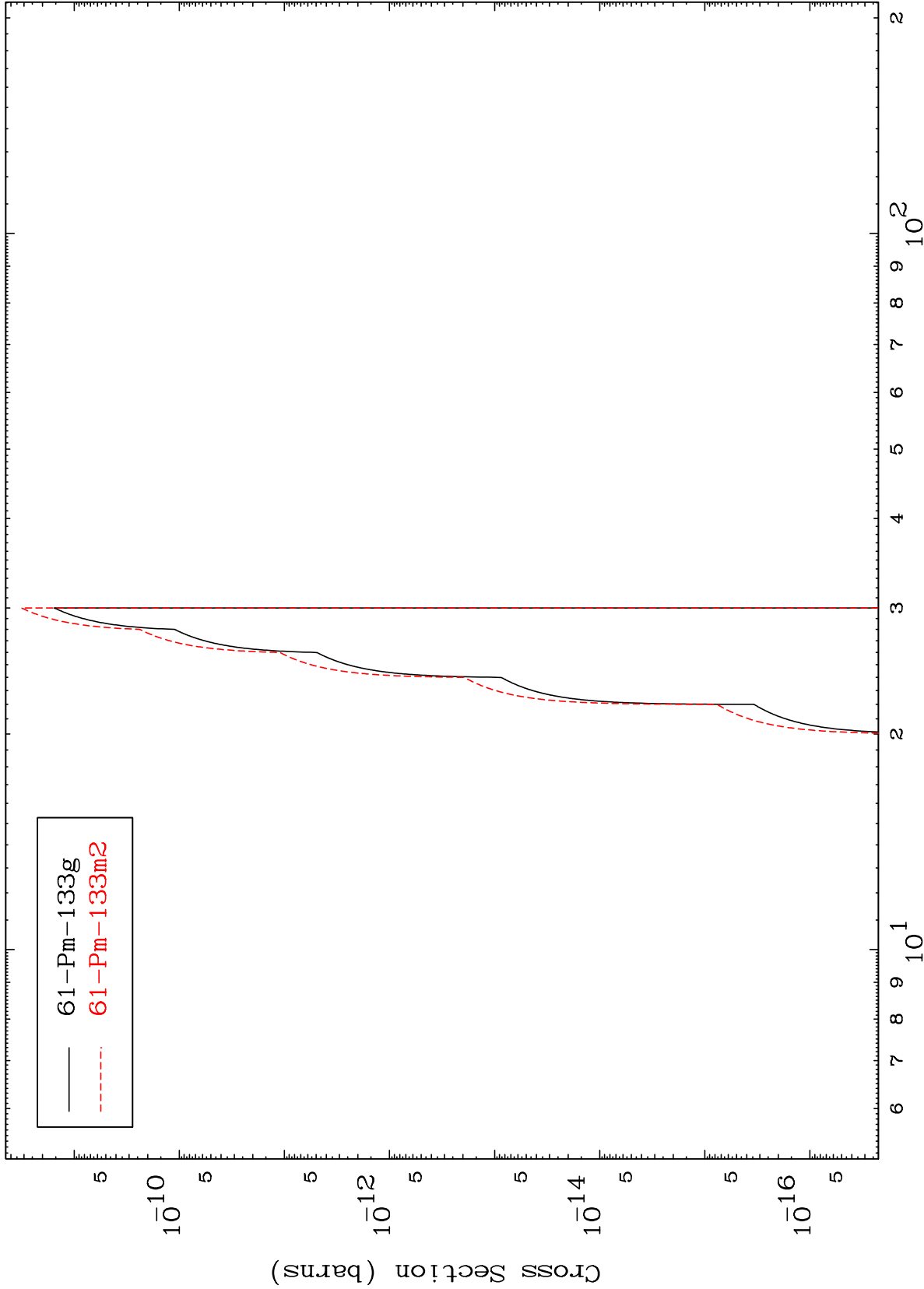
61-Pm-134g
61-Pm-134m1

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(n,2n) 2 α

64-Gd-141m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

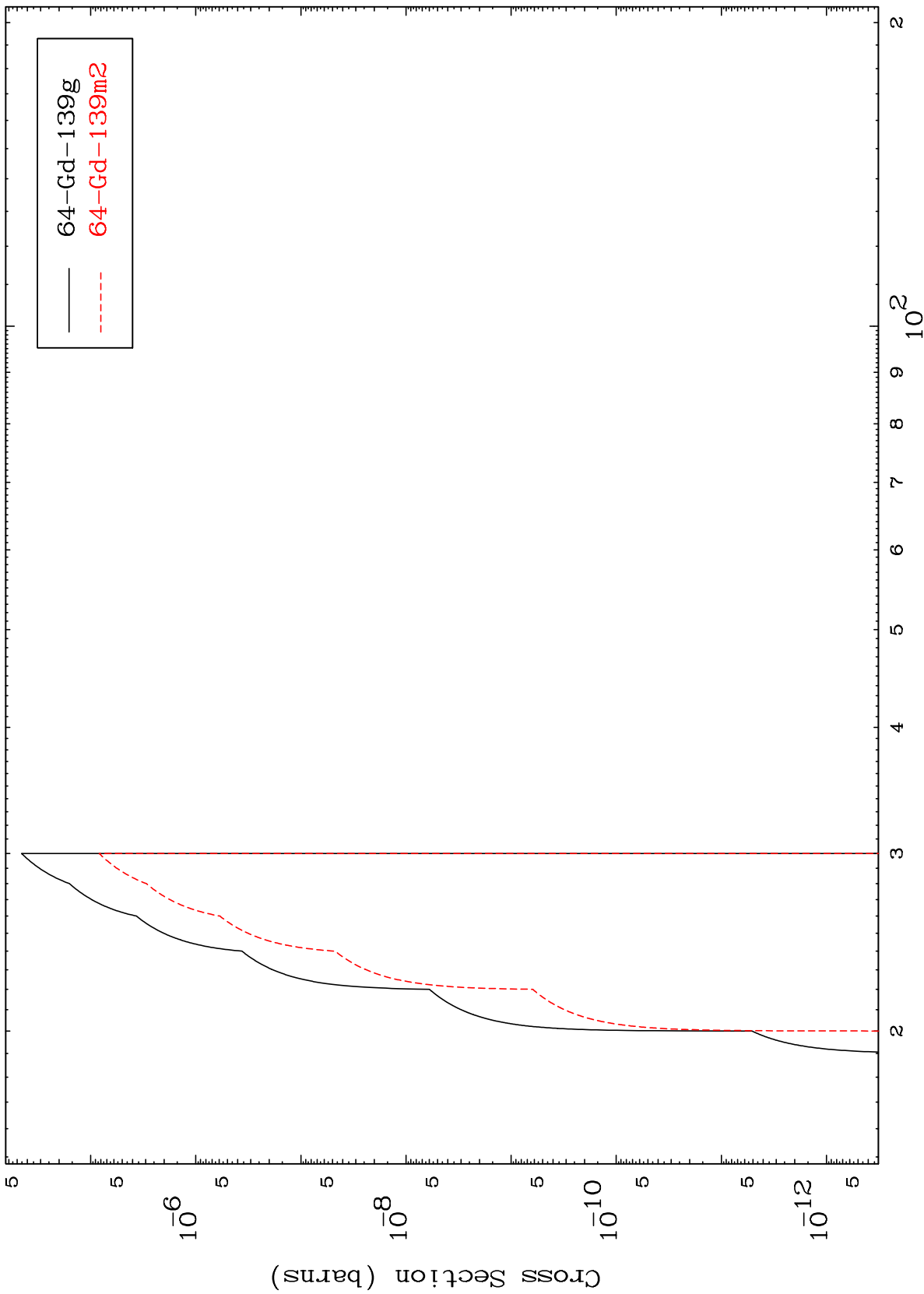
64-Gd-141m

MAT 6393

(n,n') t

64-Gd-141m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

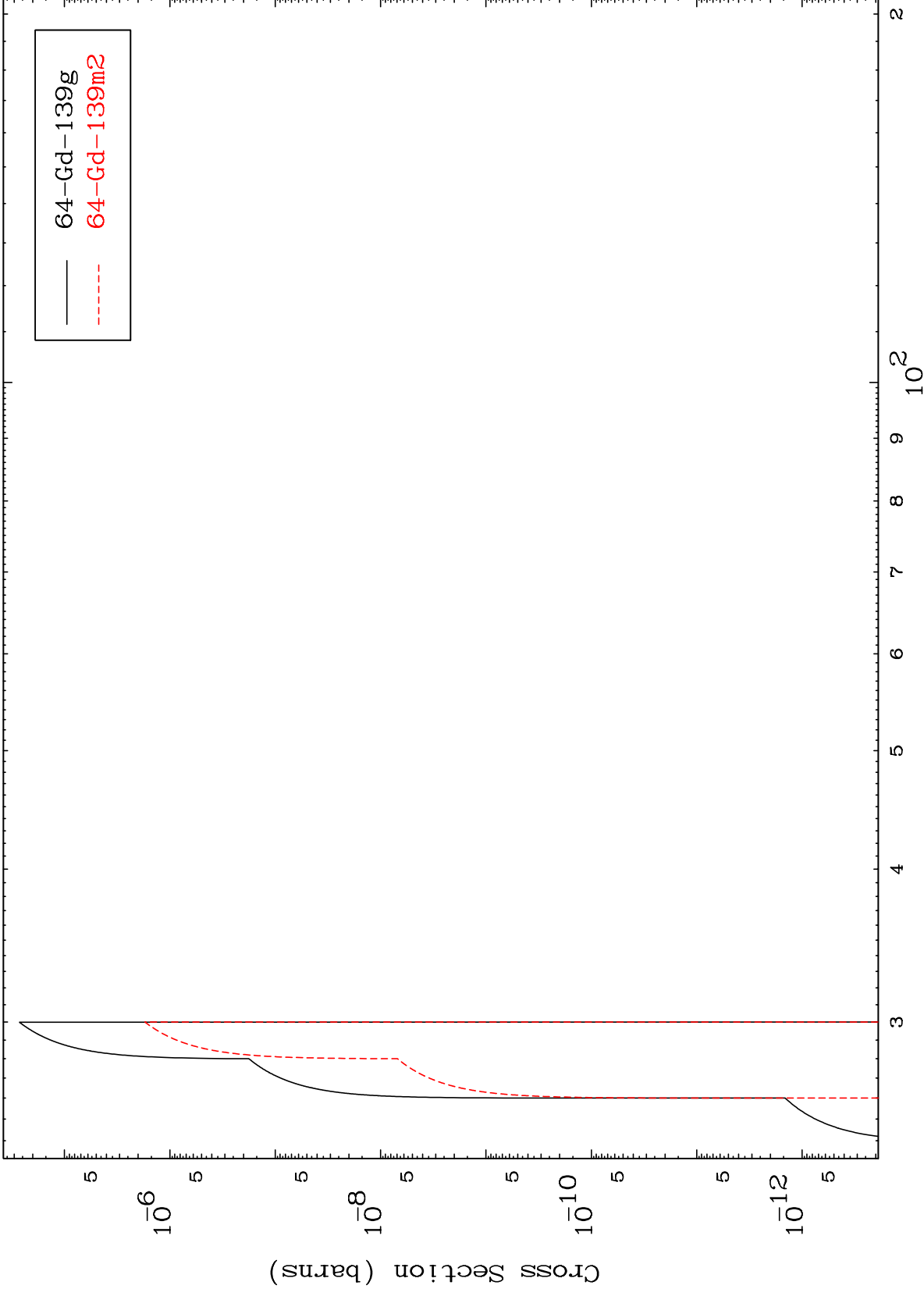
64-Gd-141m

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(n,3n) p

64-Gd-141m

Radionuclide Production Cross Section



19

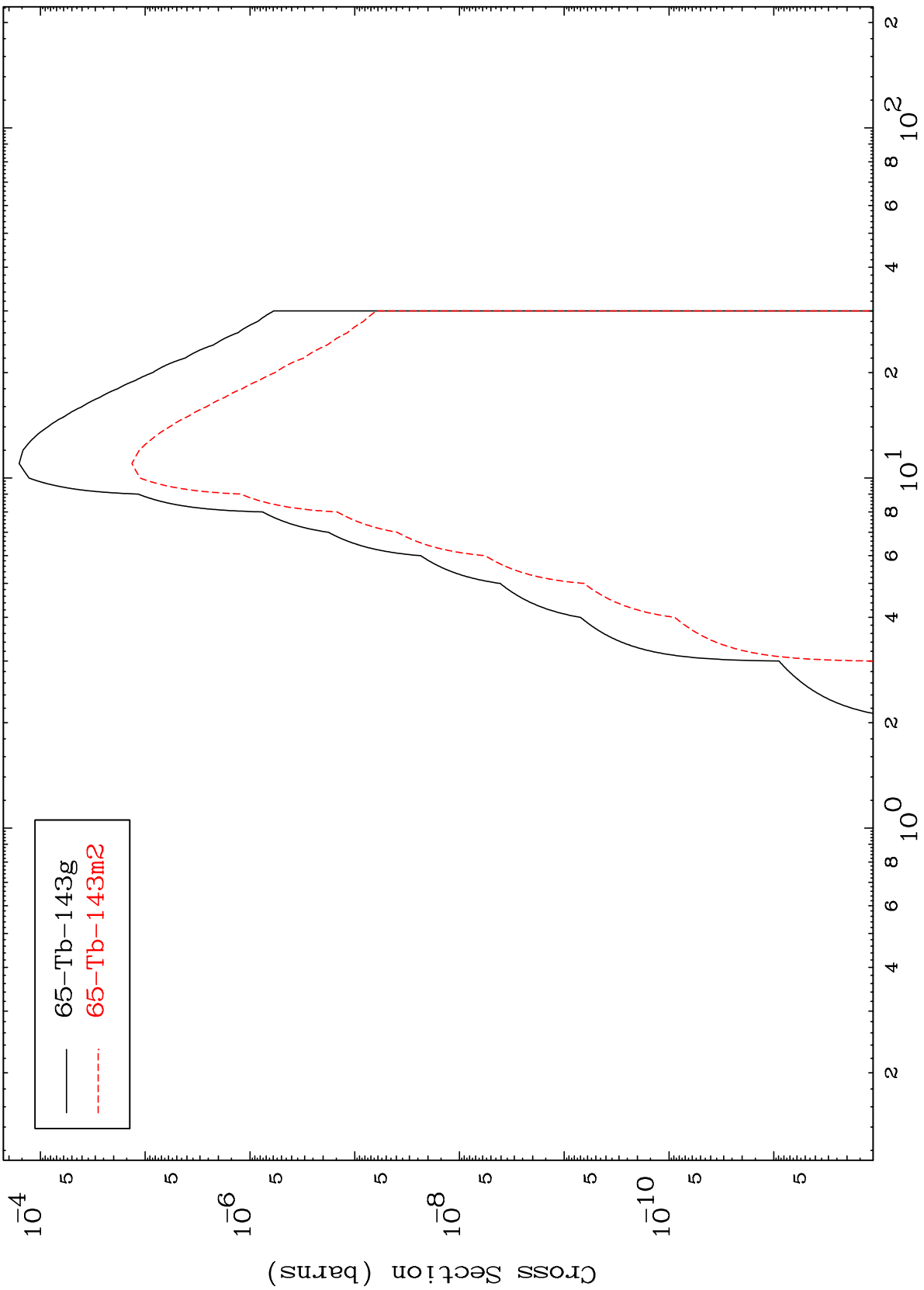
Incident Energy (MeV)

64-Gd-141m

MAT 6393

64-Gd-141m

(n, γ)
Radionuclide Production Cross Section



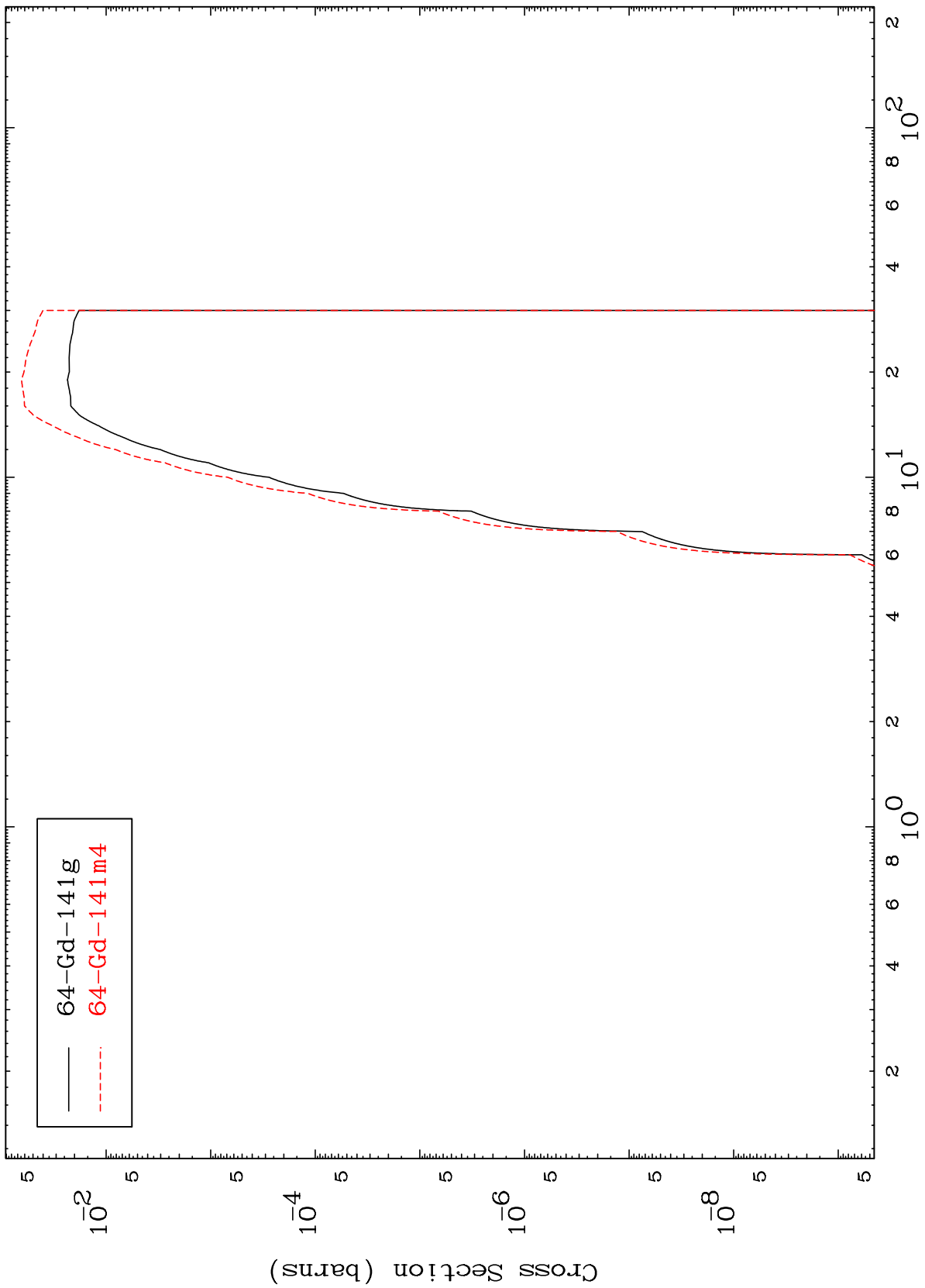
— 65-Tb-143g
- - - 65-Tb-143m2

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(n, d)

⁶⁴Gd-141m

Radionuclide Production Cross Section

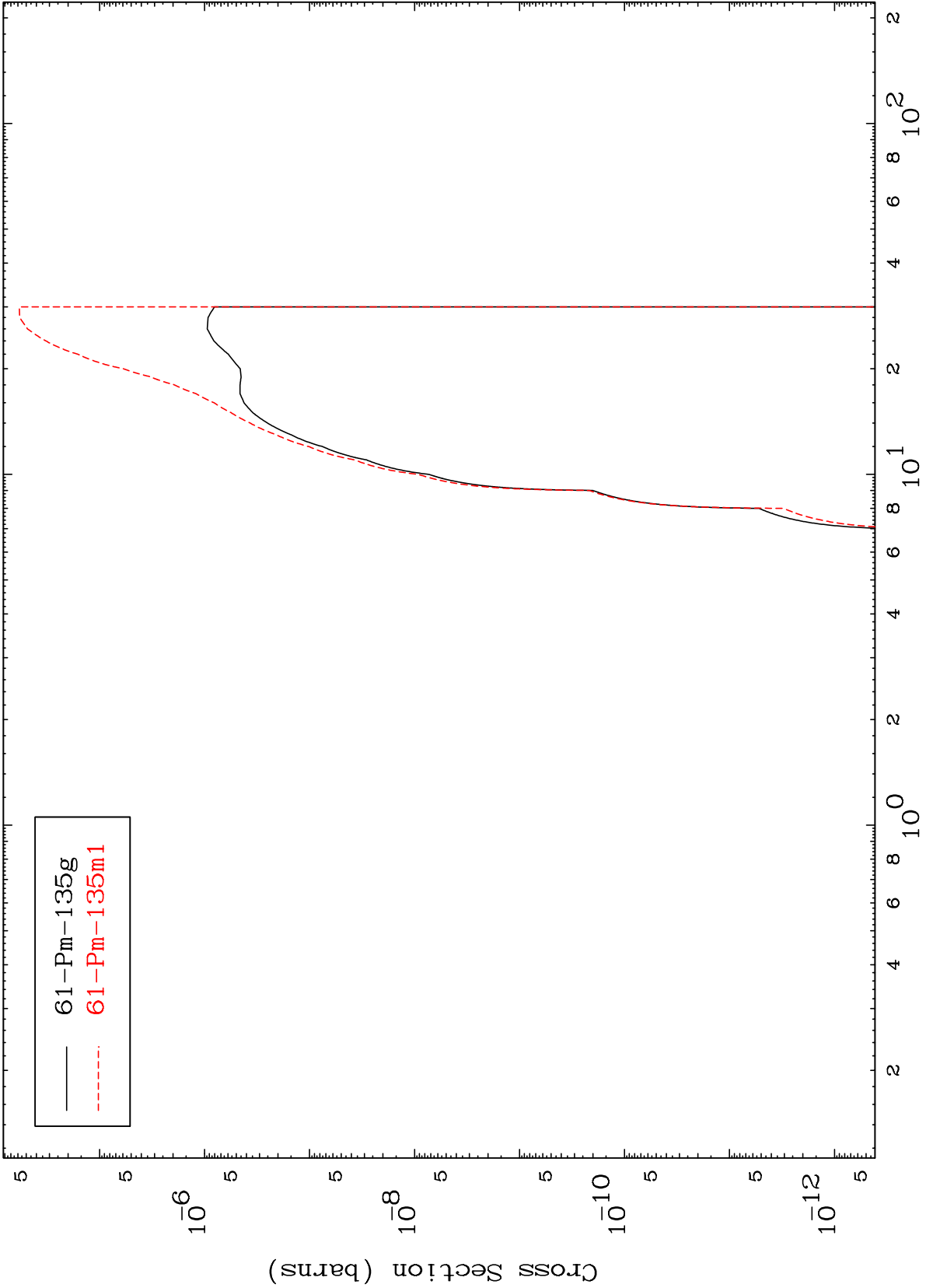


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(n,2α)

64-Gd-141m

Radionuclide Production Cross Section



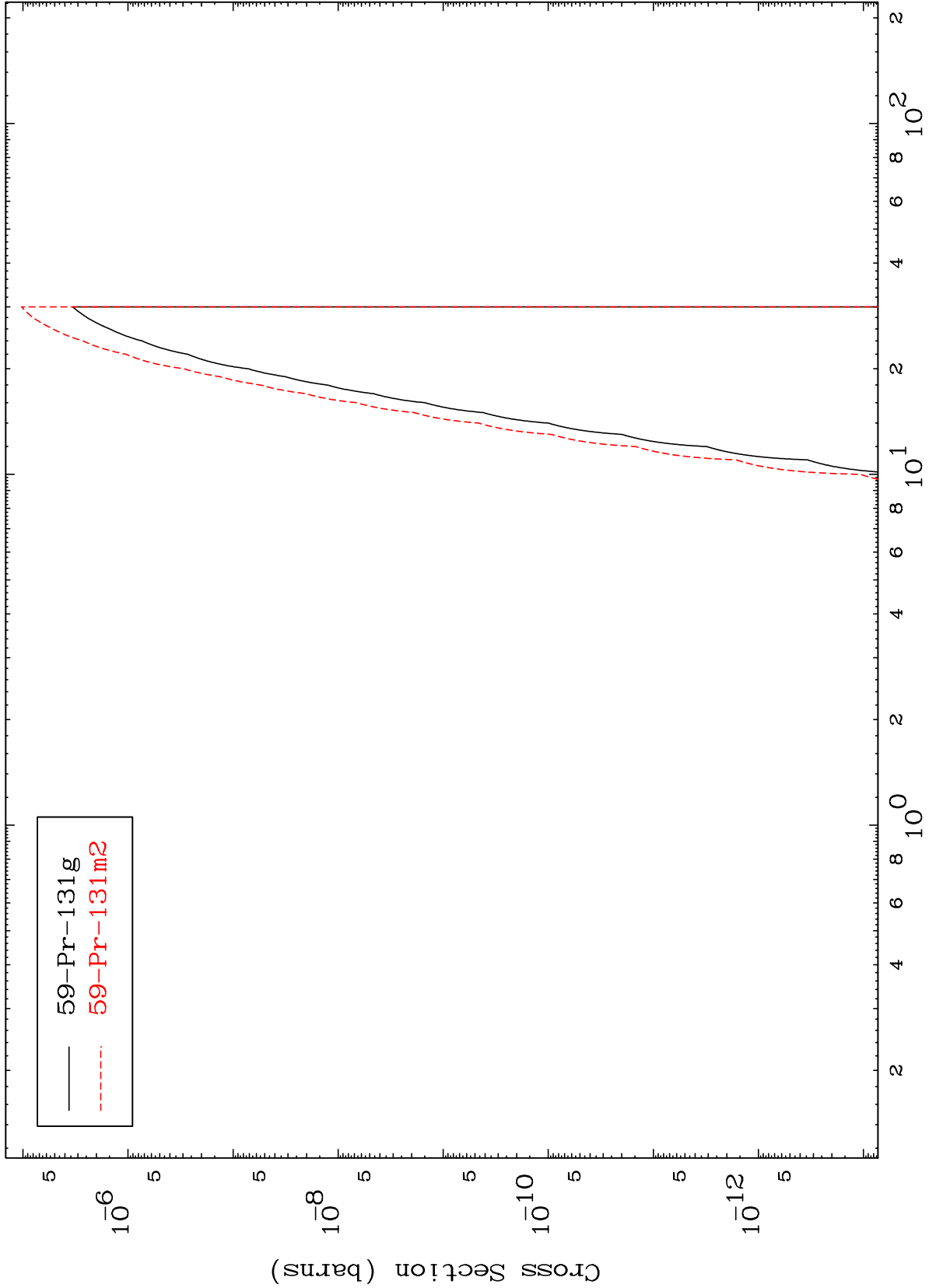
61-Pm-135g
61-Pm-135m1

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(n, 3α)

64-Gd-141m

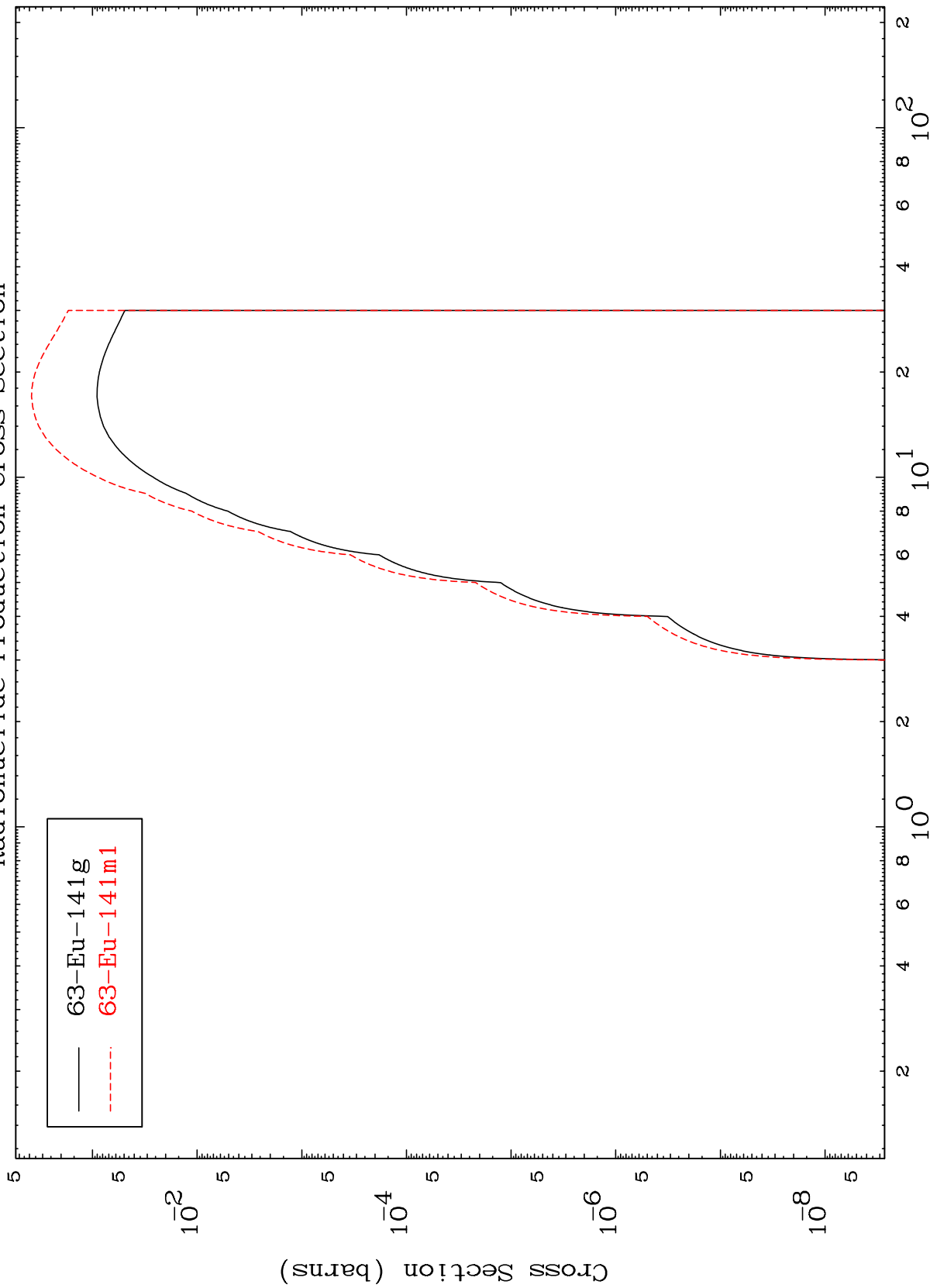
Radionuclide Production Cross Section



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64-Gd-141m

(n,2p)
Radionuclide Production Cross Section



MAT 6393

(n,d) 2α

64-Gd-141m

Radionuclide Production Cross Section

