

Program EVALPLOT
(Version 2021-1)

by

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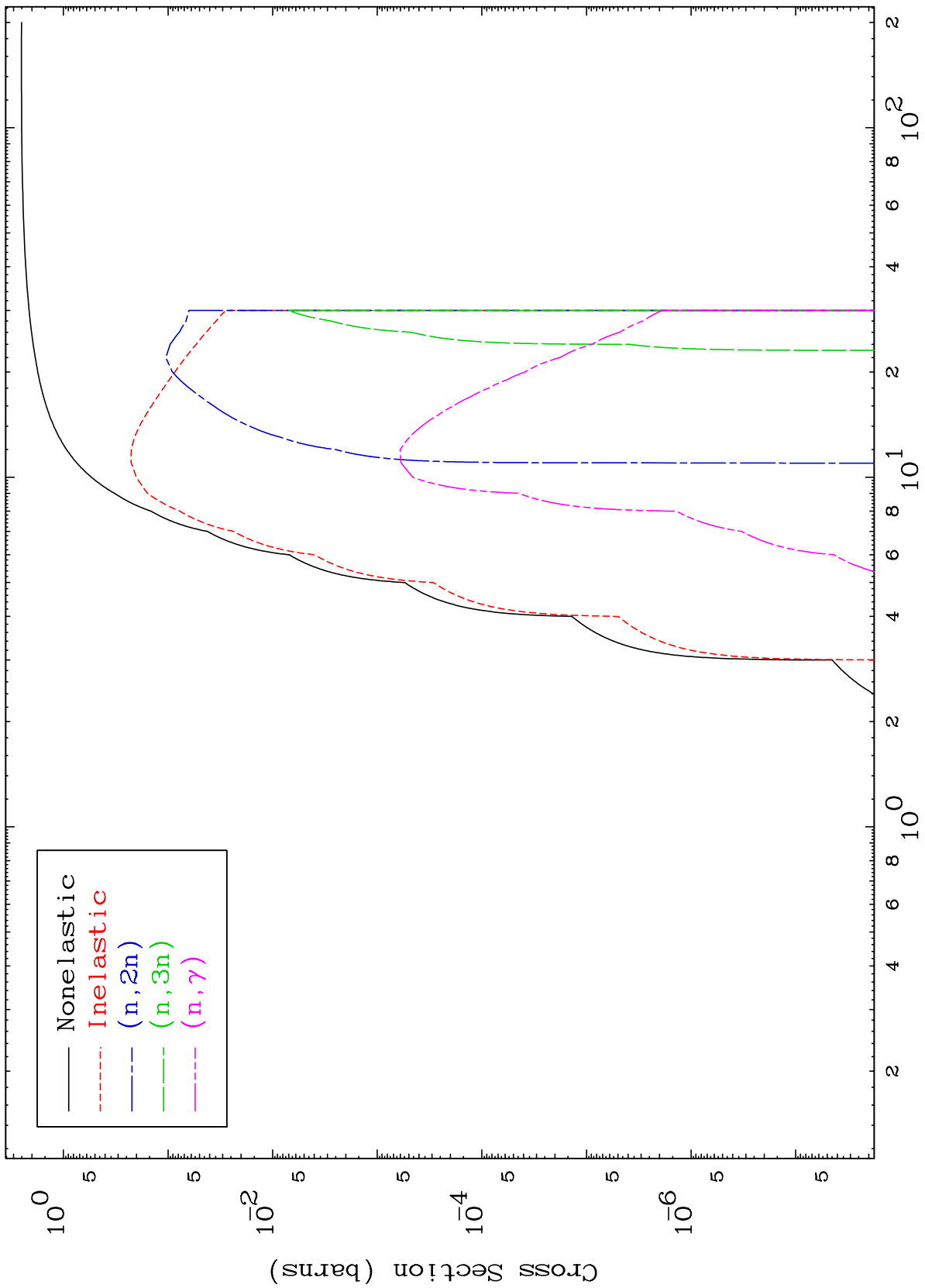
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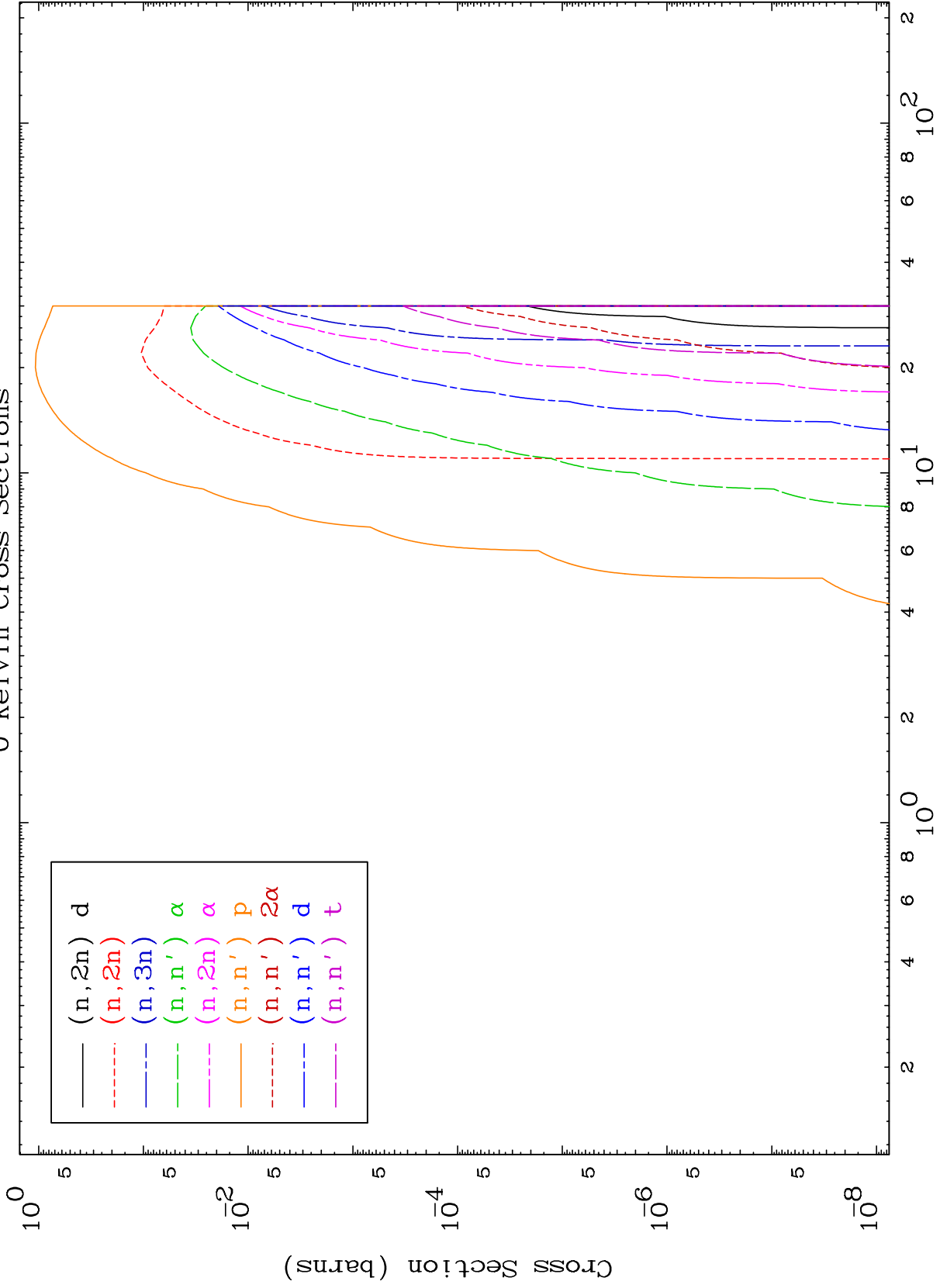
Press Mouse Button to Start

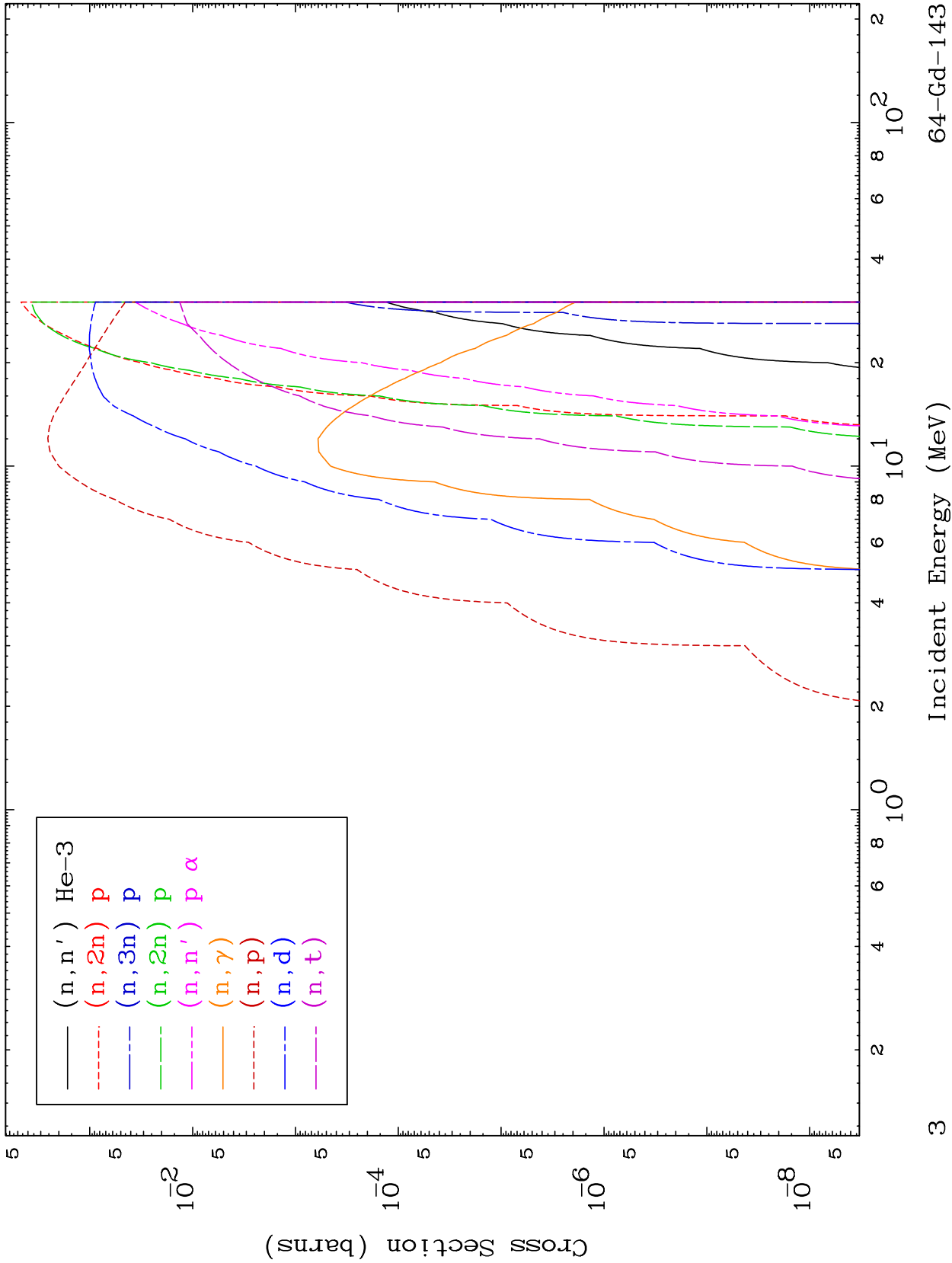
MAT 6398

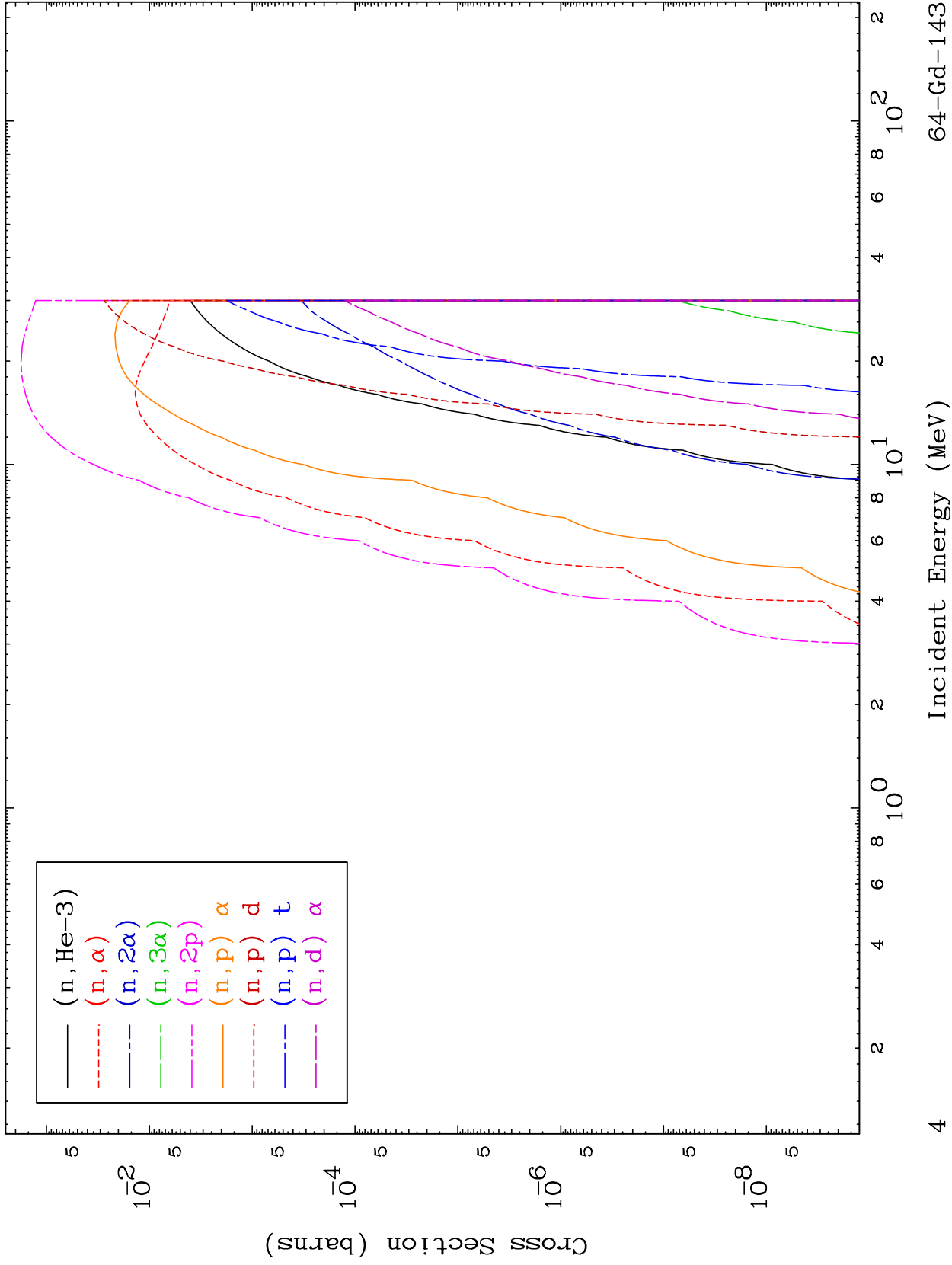
Deuteron Major
0 Kelvin Cross Sections

64-Gd-143





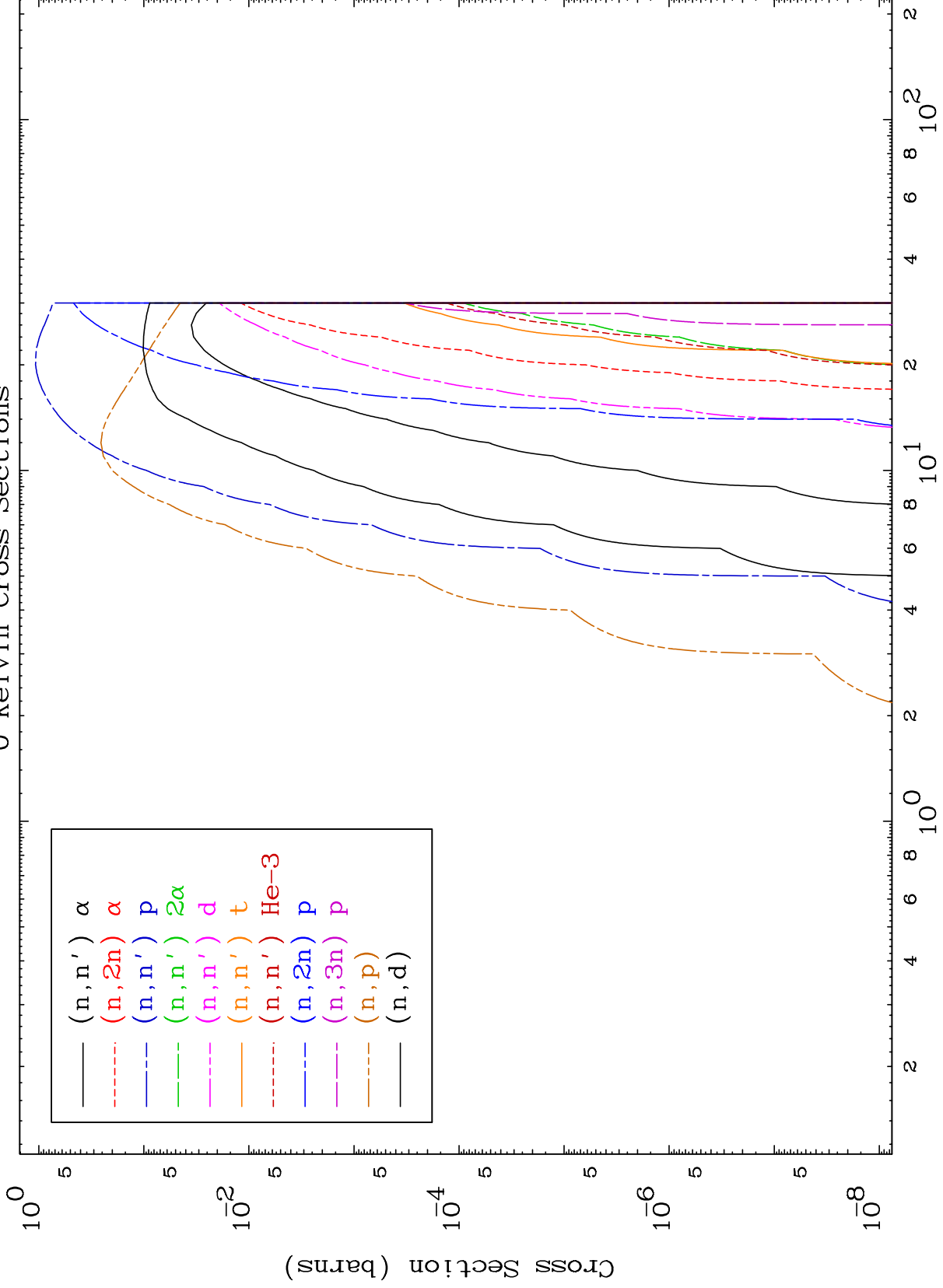


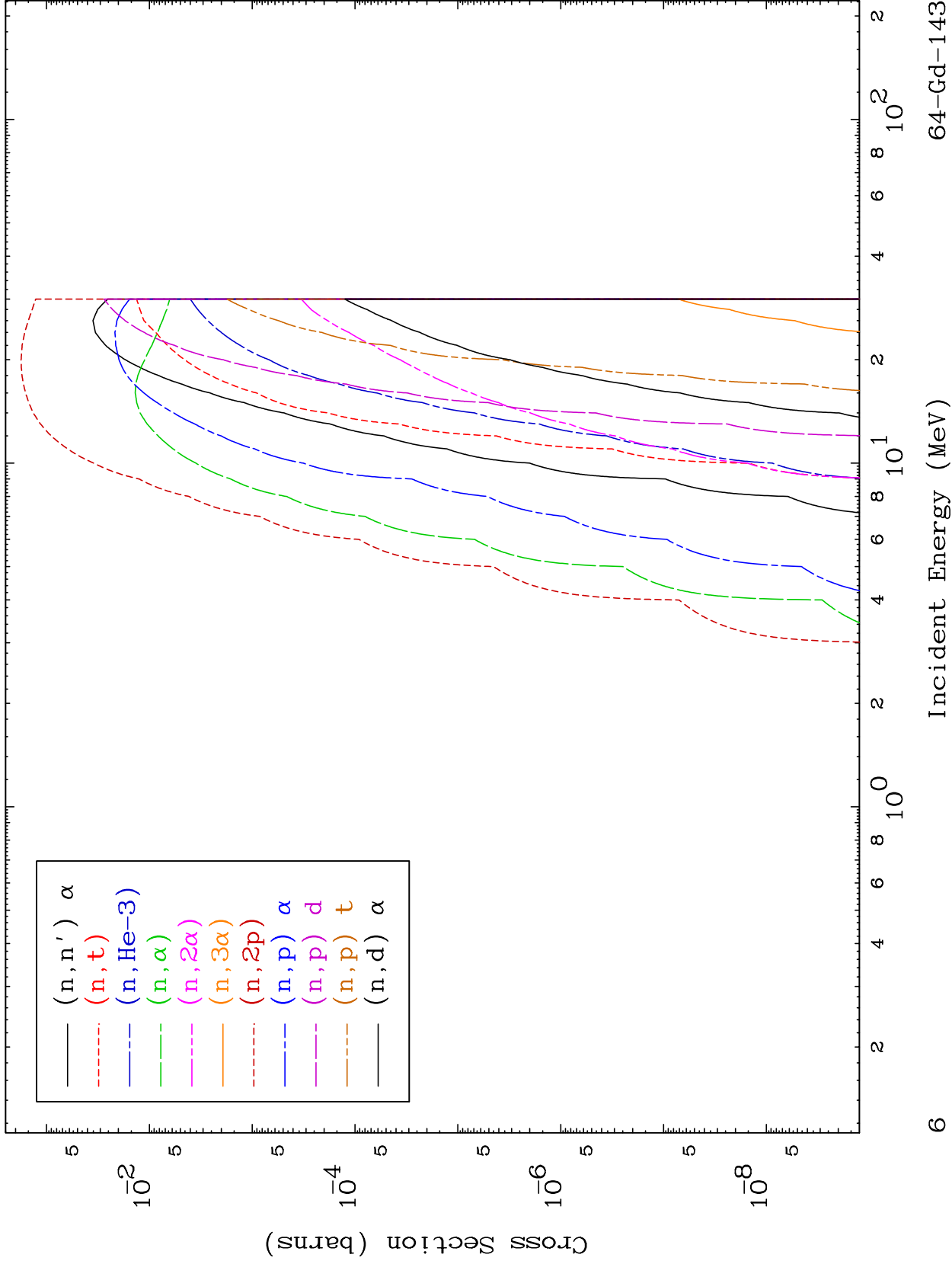


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Deuteron Charged Particle
0 Kelvin Cross Sections

64-Gd-143

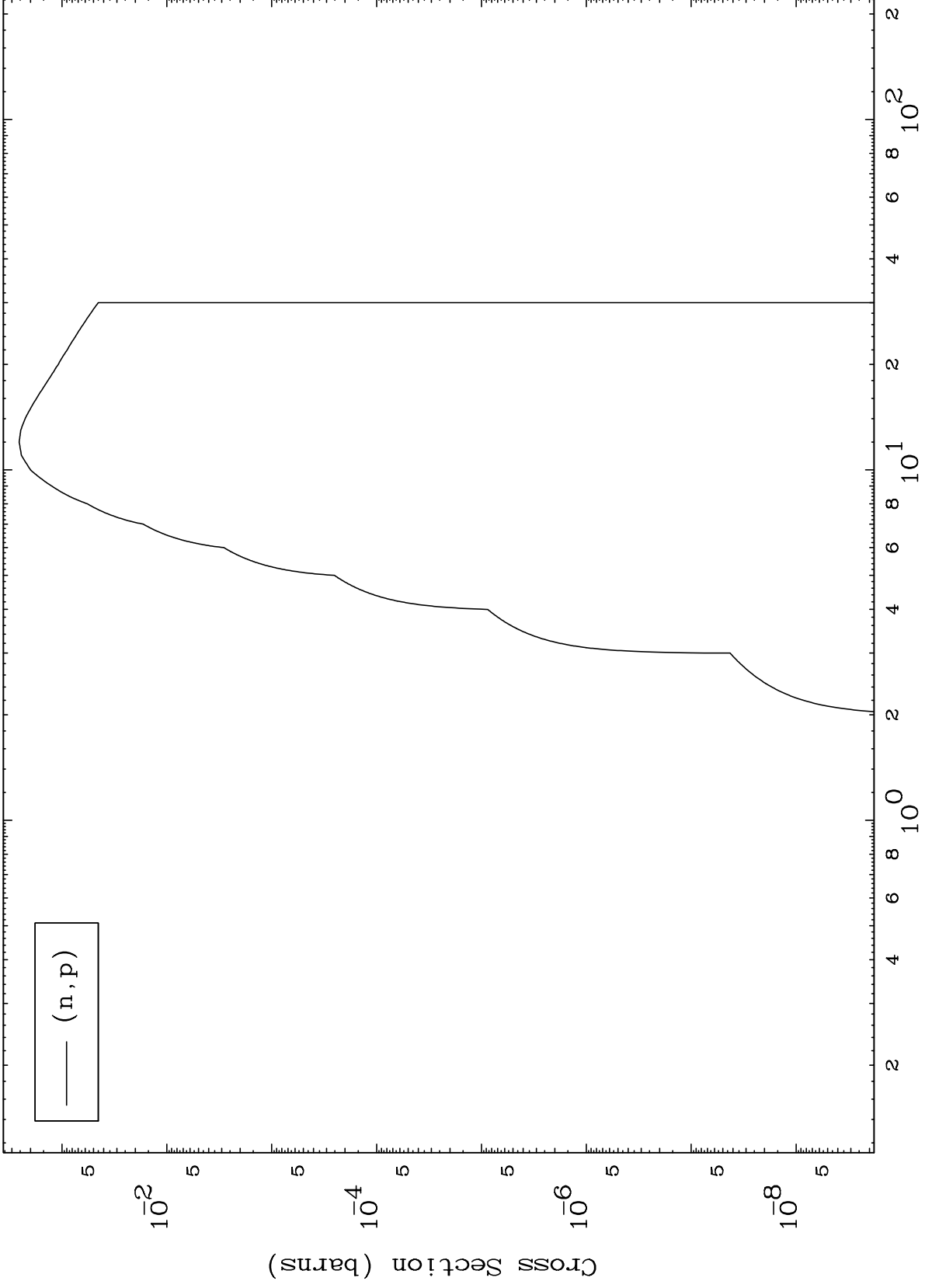




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64-Gd-143

(d,p) Levels
0 Kelvin Cross Sections



64-Gd-143

Incident Energy (MeV)

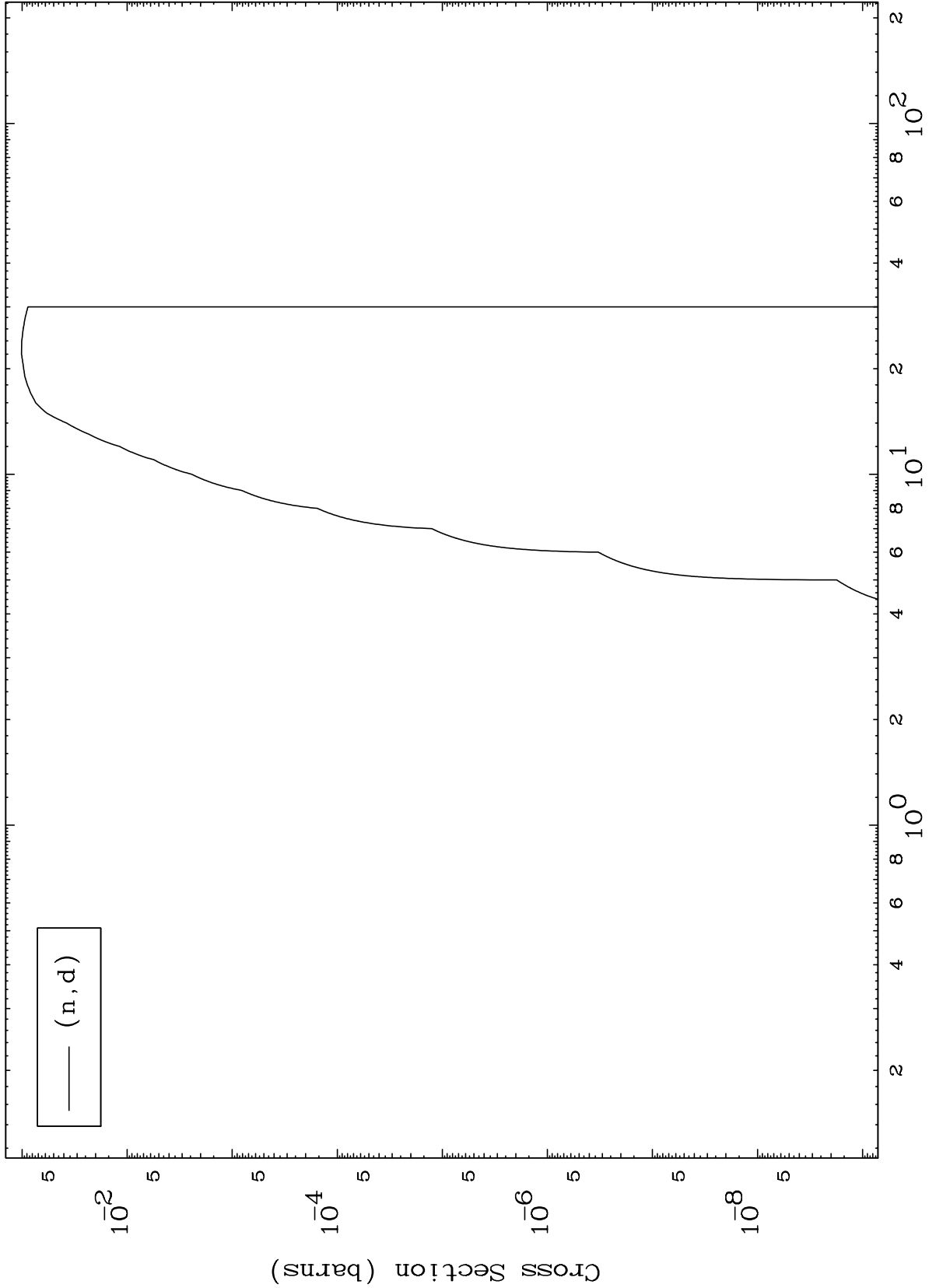
7

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(d,d) Levels

64-Gd-143

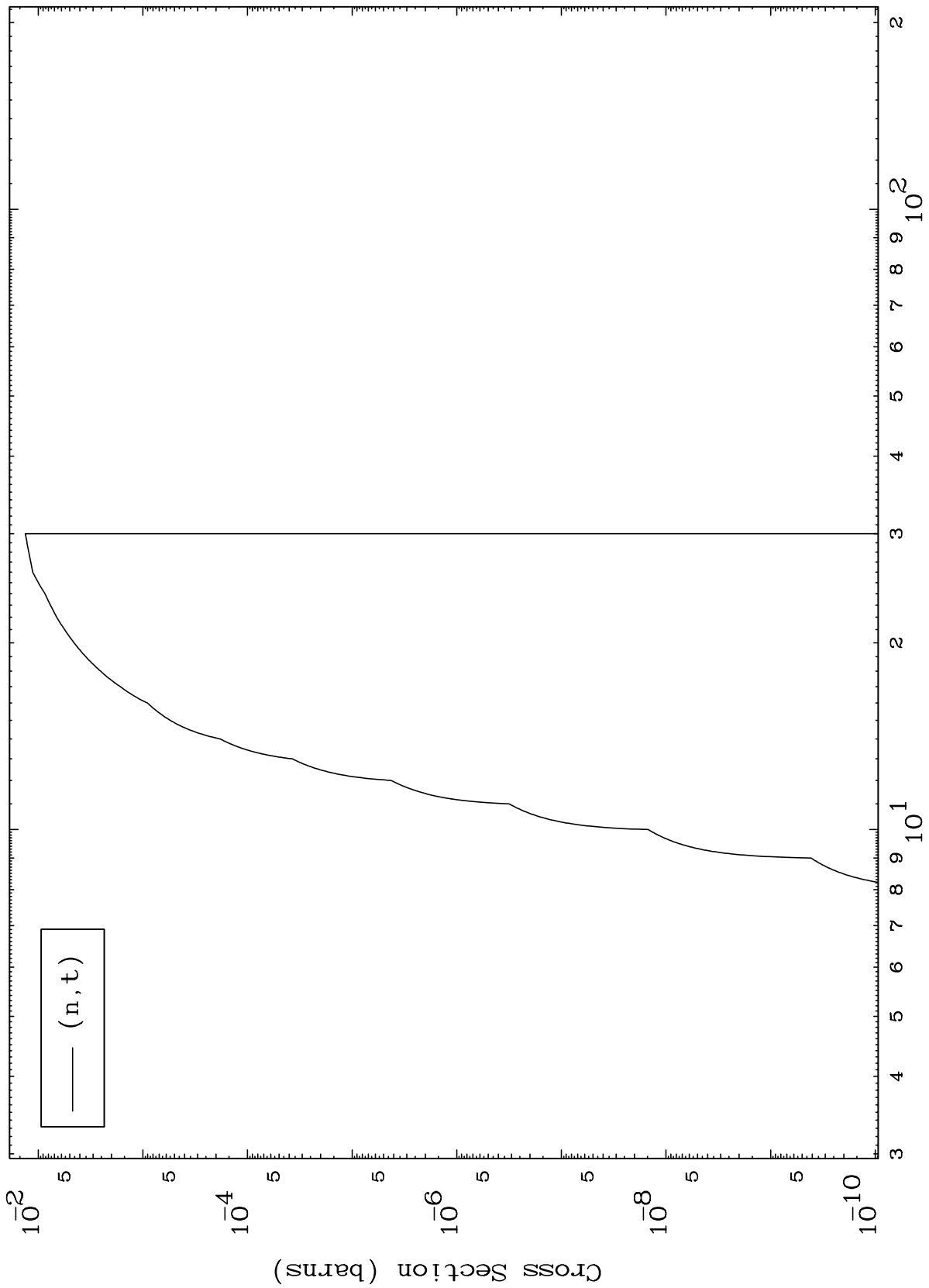
0 Kelvin Cross Sections



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64-Gd-143

(d,t) Levels
0 Kelvin Cross Sections



9

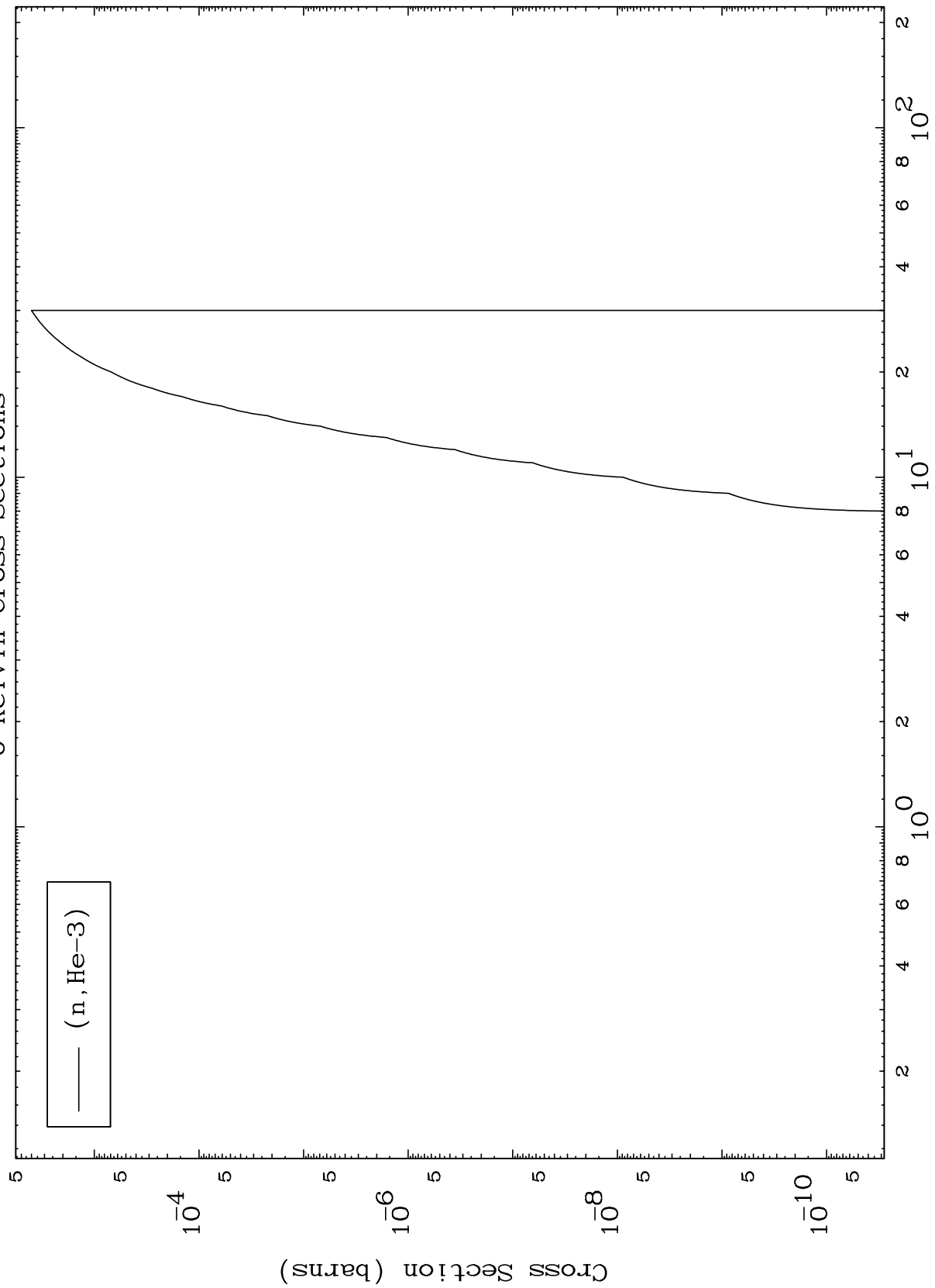
Incident Energy (MeV)

64-Gd-143

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(d,He3) Levels
0 Kelvin Cross Sections

64-Gd-143



10

Incident Energy (MeV)

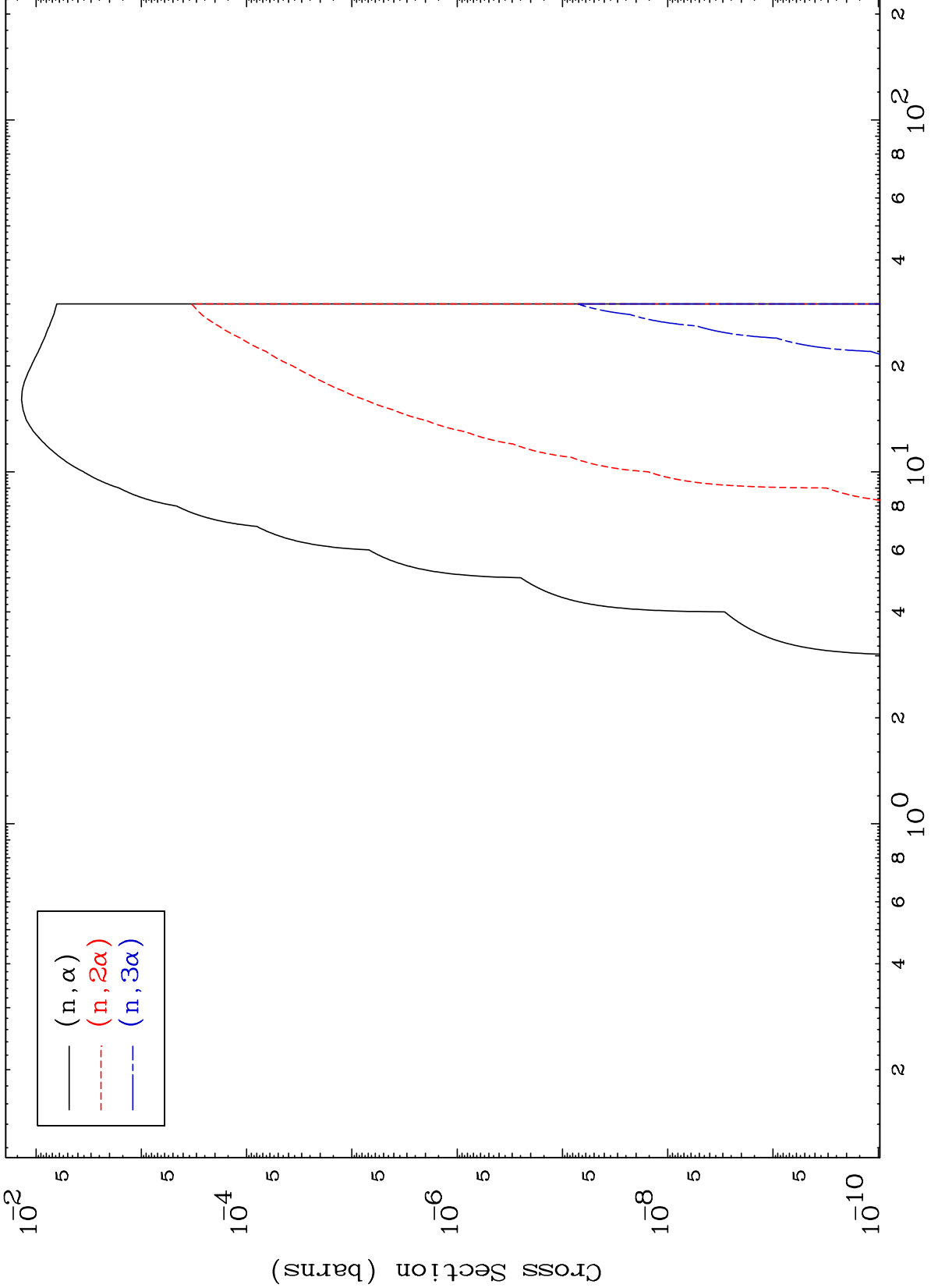
64-Gd-143

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(d, α) Levels

64-Gd-143

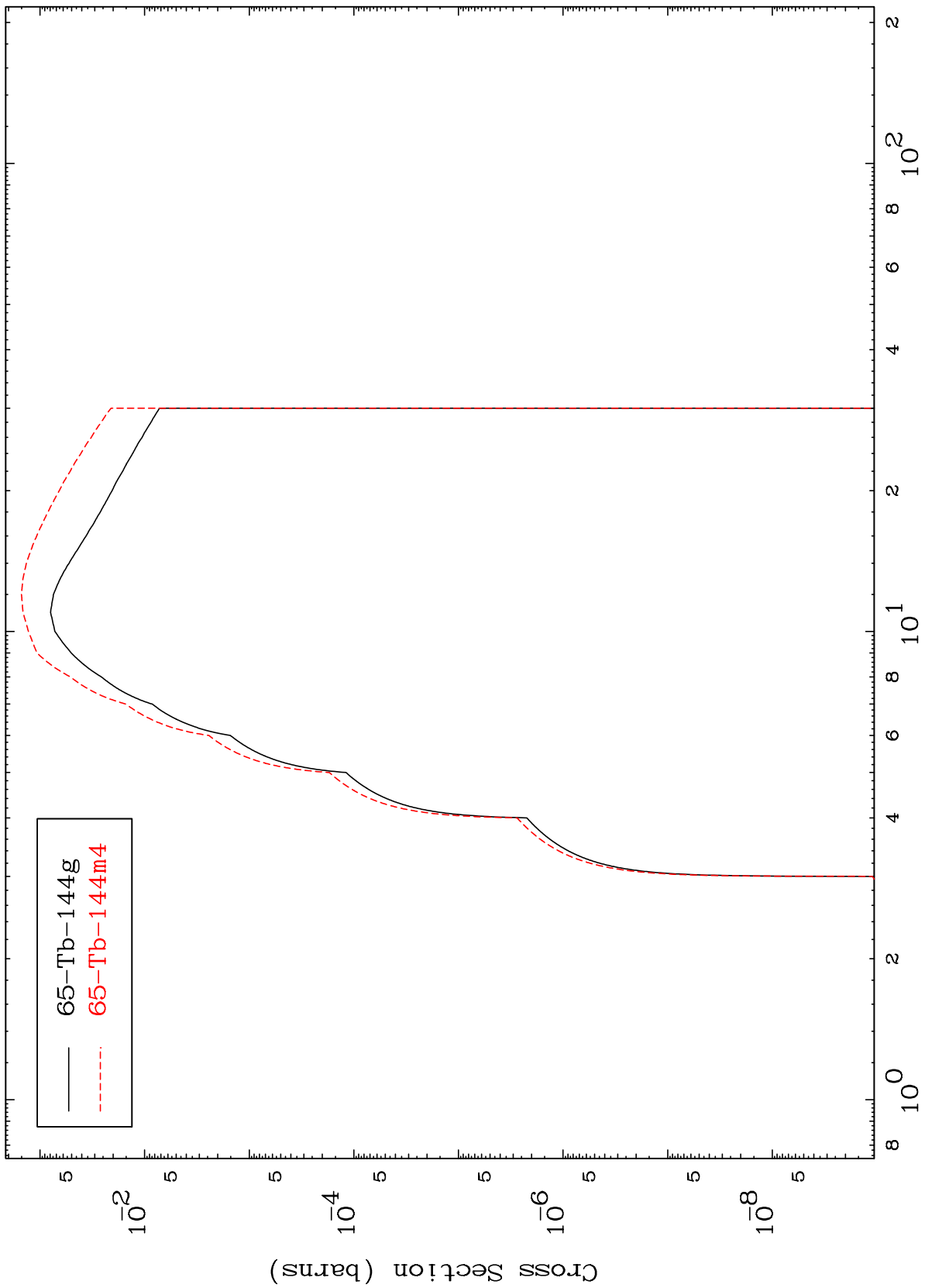
0 Kelvin Cross Sections



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64-Gd-143

Radionuclide Production Cross Section



— 65-Tb-144g
- - - 65-Tb-144m4

64-Gd-143

Incident Energy (MeV)

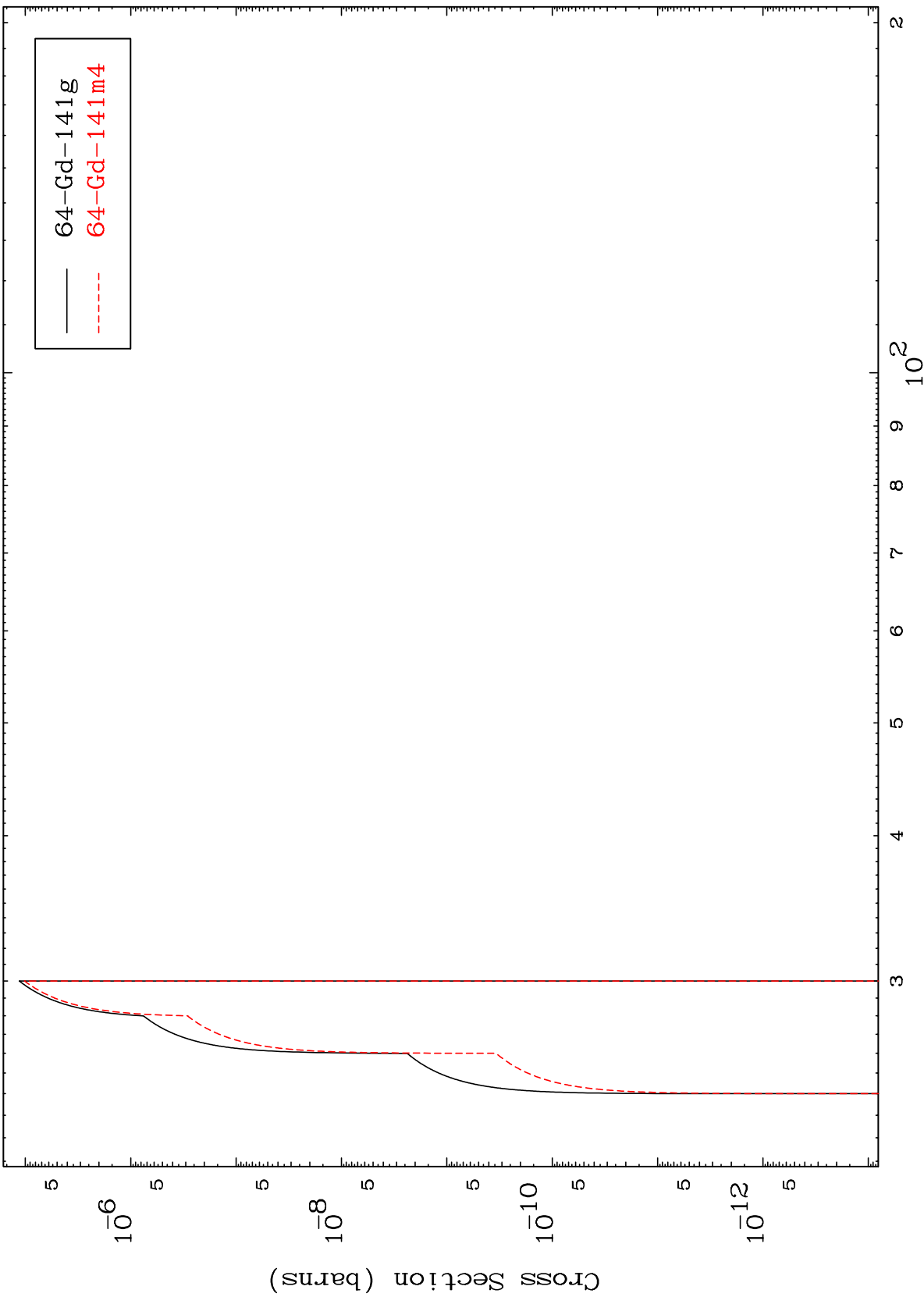
12

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(n,2n) d

64-Gd-143

Radionuclide Production Cross Section



13

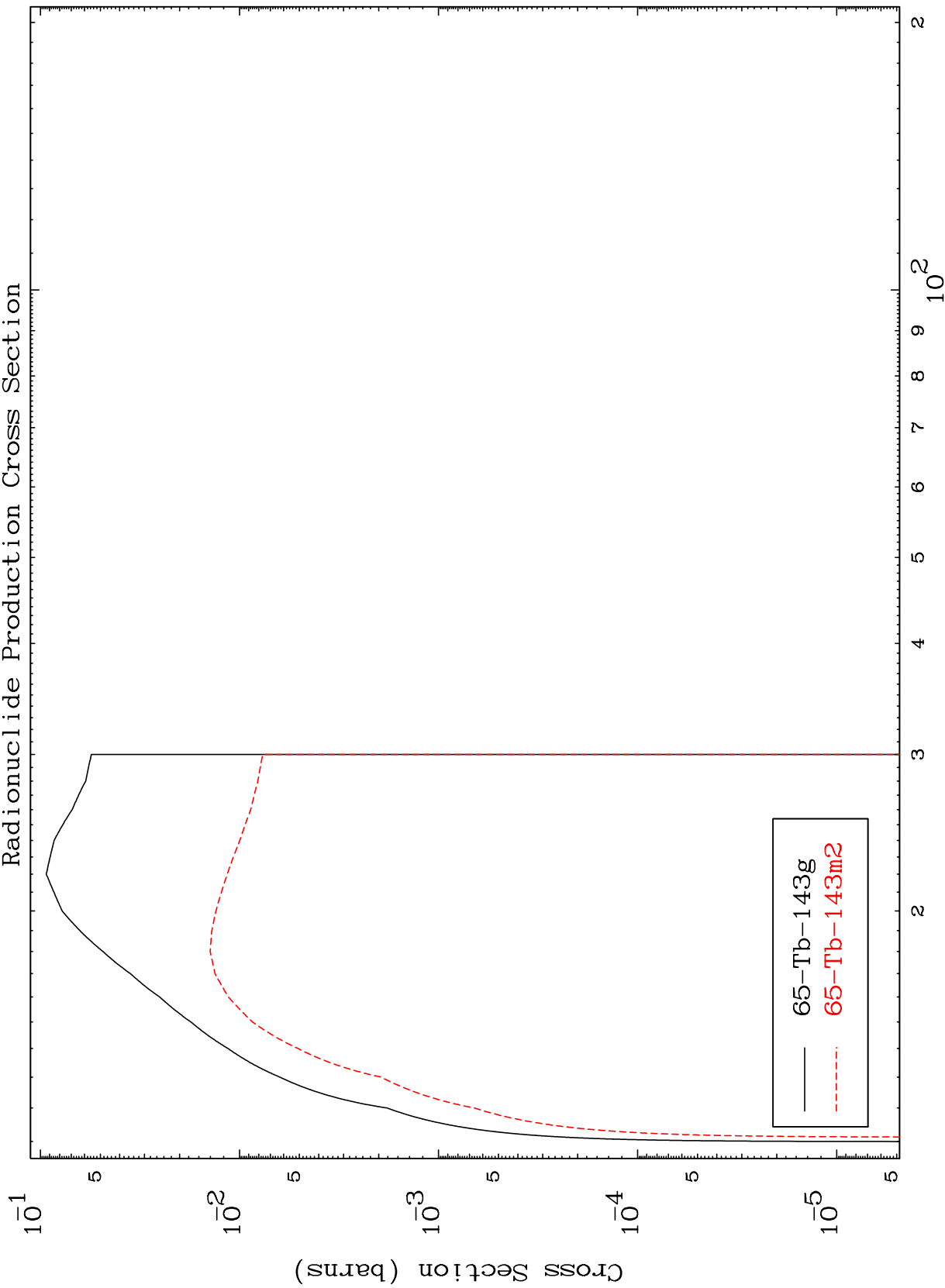
Incident Energy (MeV)

64-Gd-143

MAT 6398

64-Gd-143

(n,2n)
Radionuclide Production Cross Section



64-Gd-143

Incident Energy (MeV)

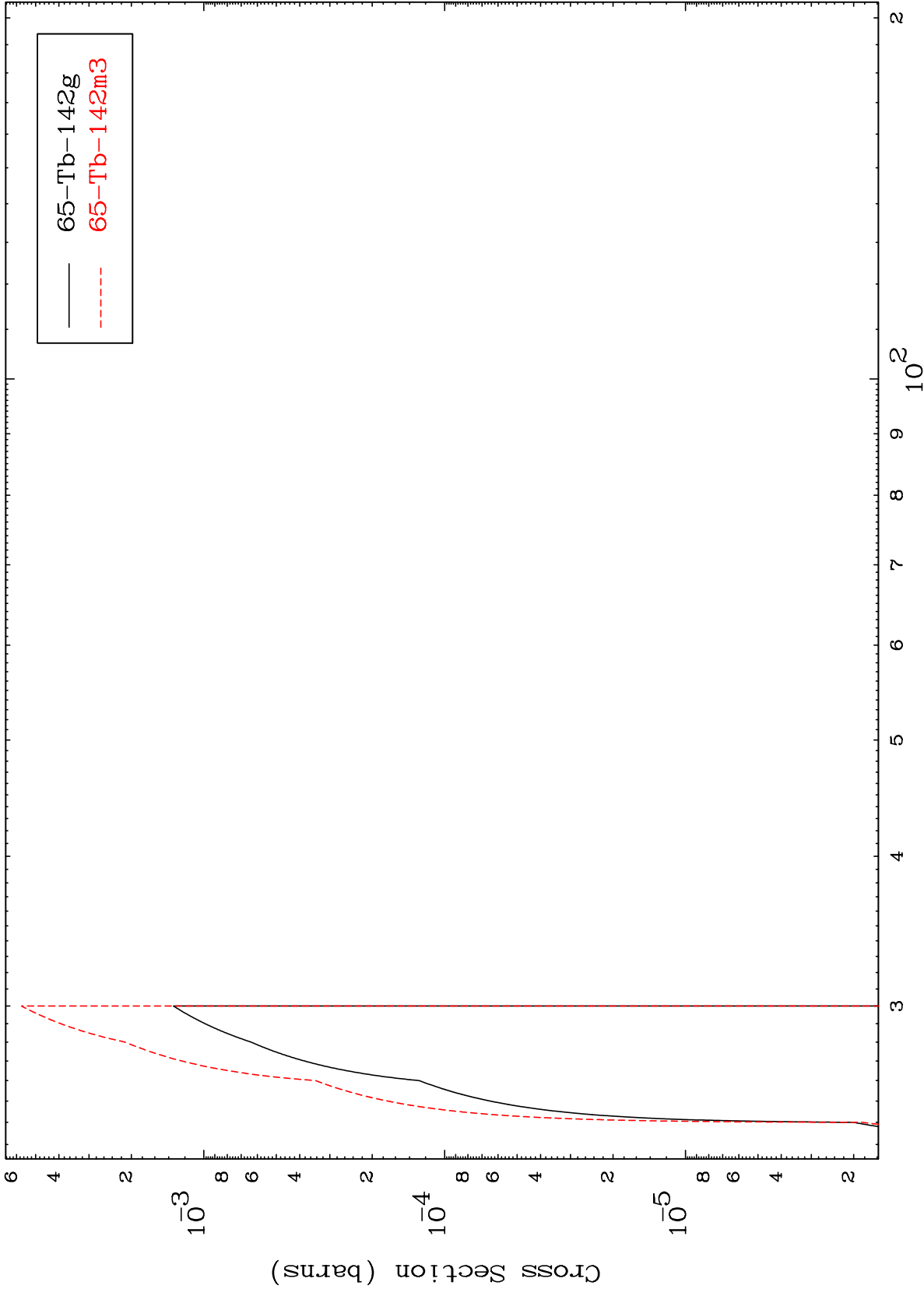
14

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(n,3n)

64-Gd-143

Radionuclide Production Cross Section



15

Incident Energy (MeV)

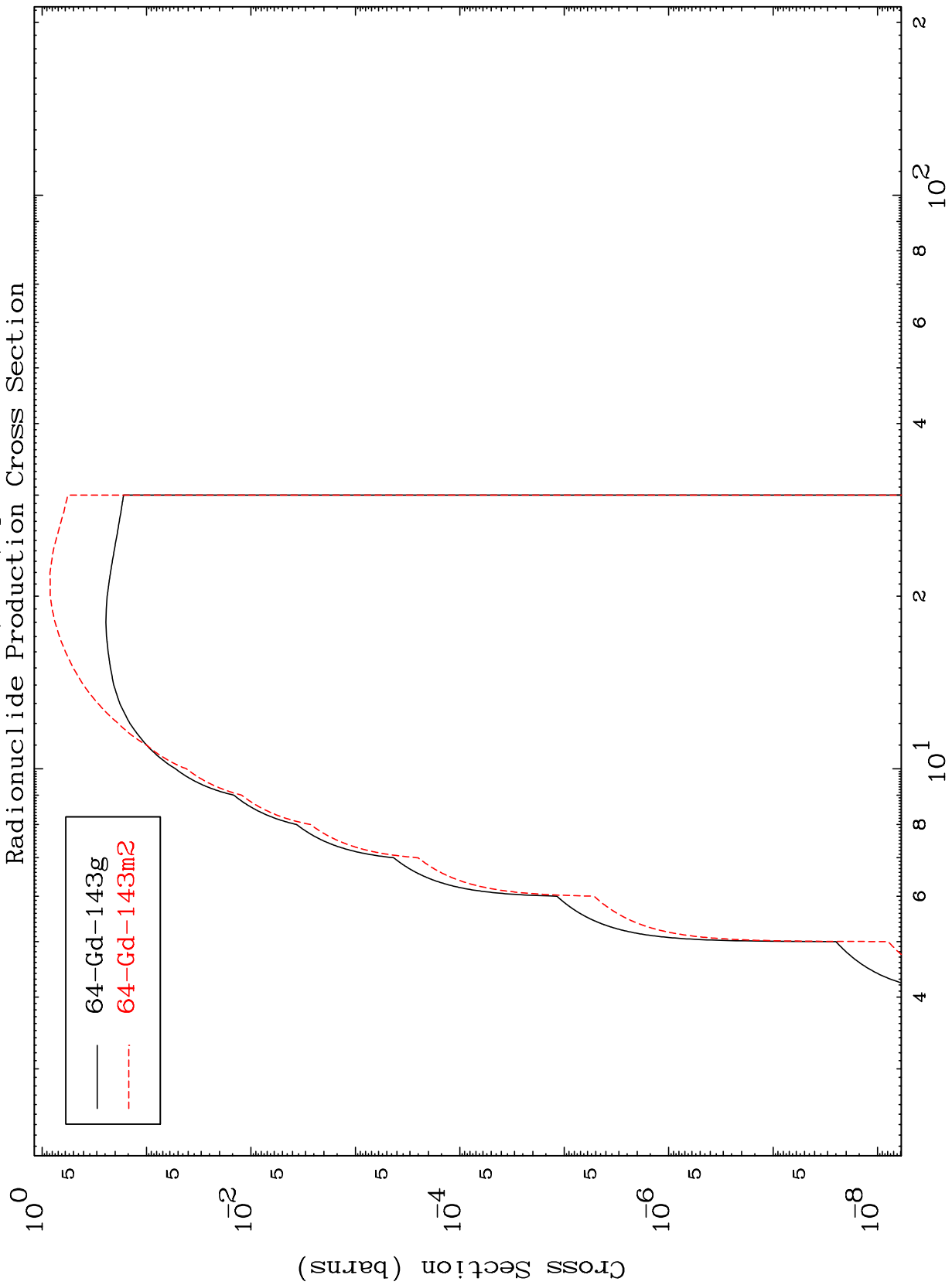
64-Gd-143

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(n,n') p

64-Gd-143

Radionuclide Production Cross Section



16

Incident Energy (MeV)

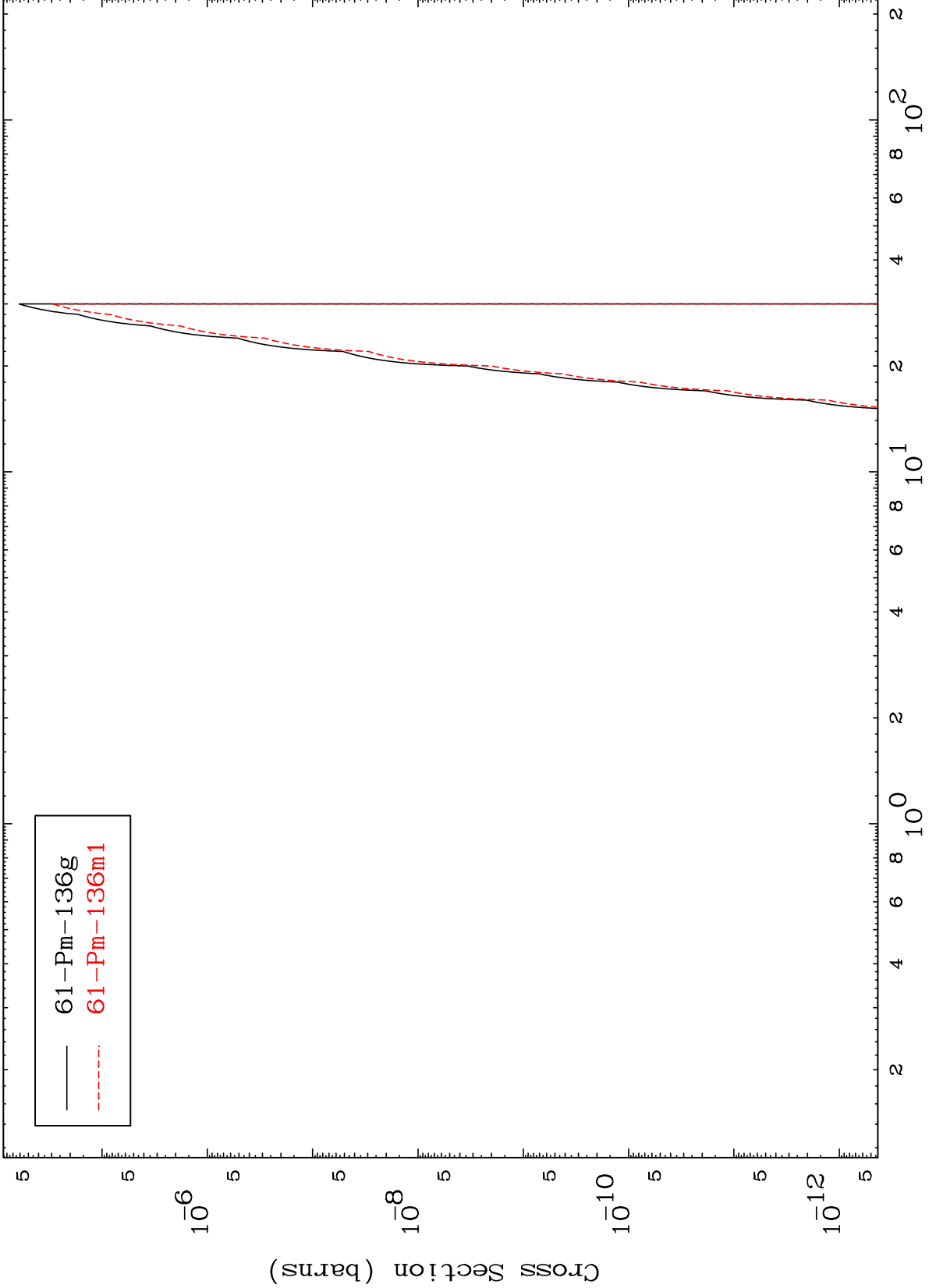
64-Gd-143

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(n,n') 2 α

64-Gd-143

Radionuclide Production Cross Section



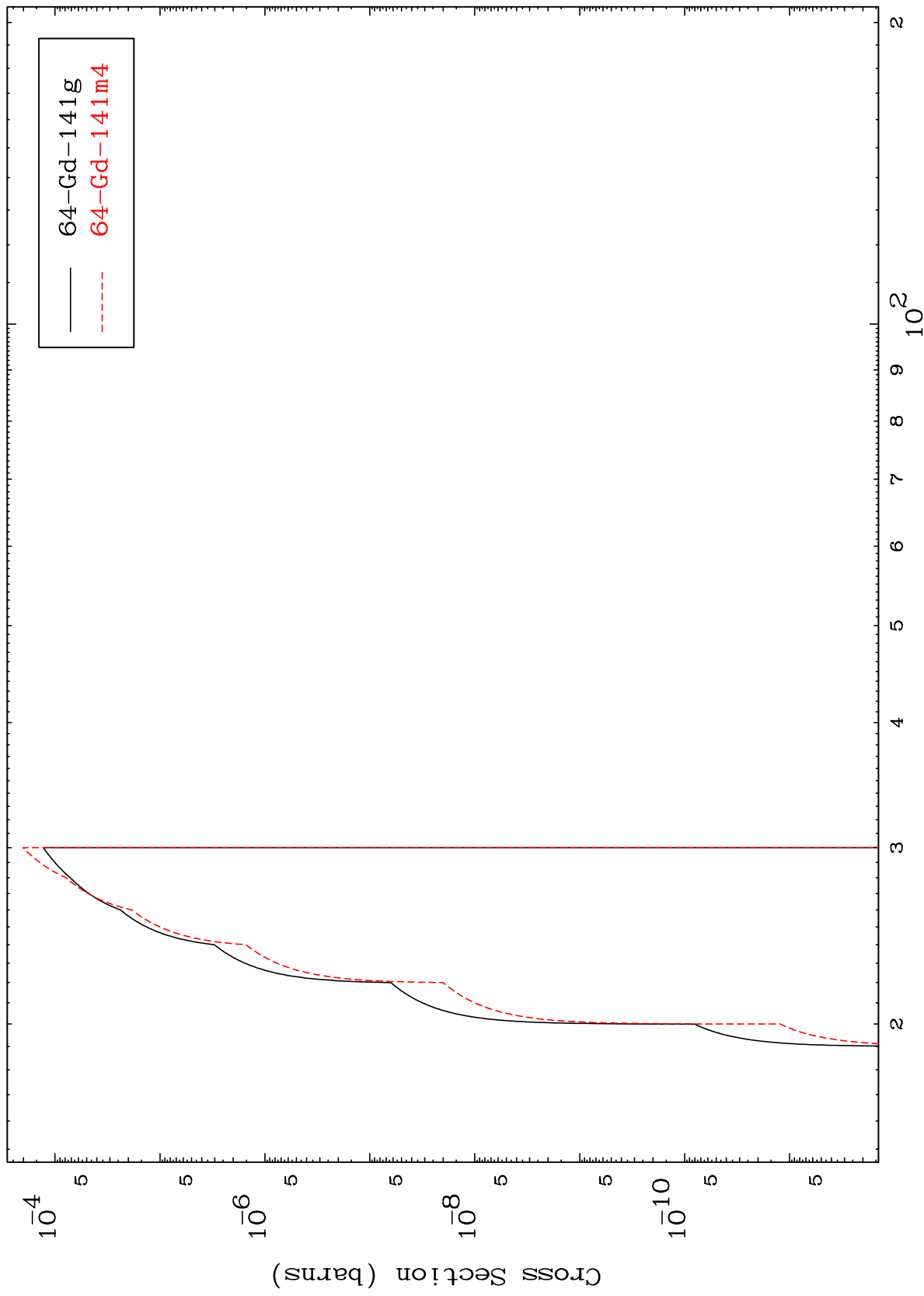
61-Pm-136g
61-Pm-136m1

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(n,n') t

64-Gd-143

Radionuclide Production Cross Section



18

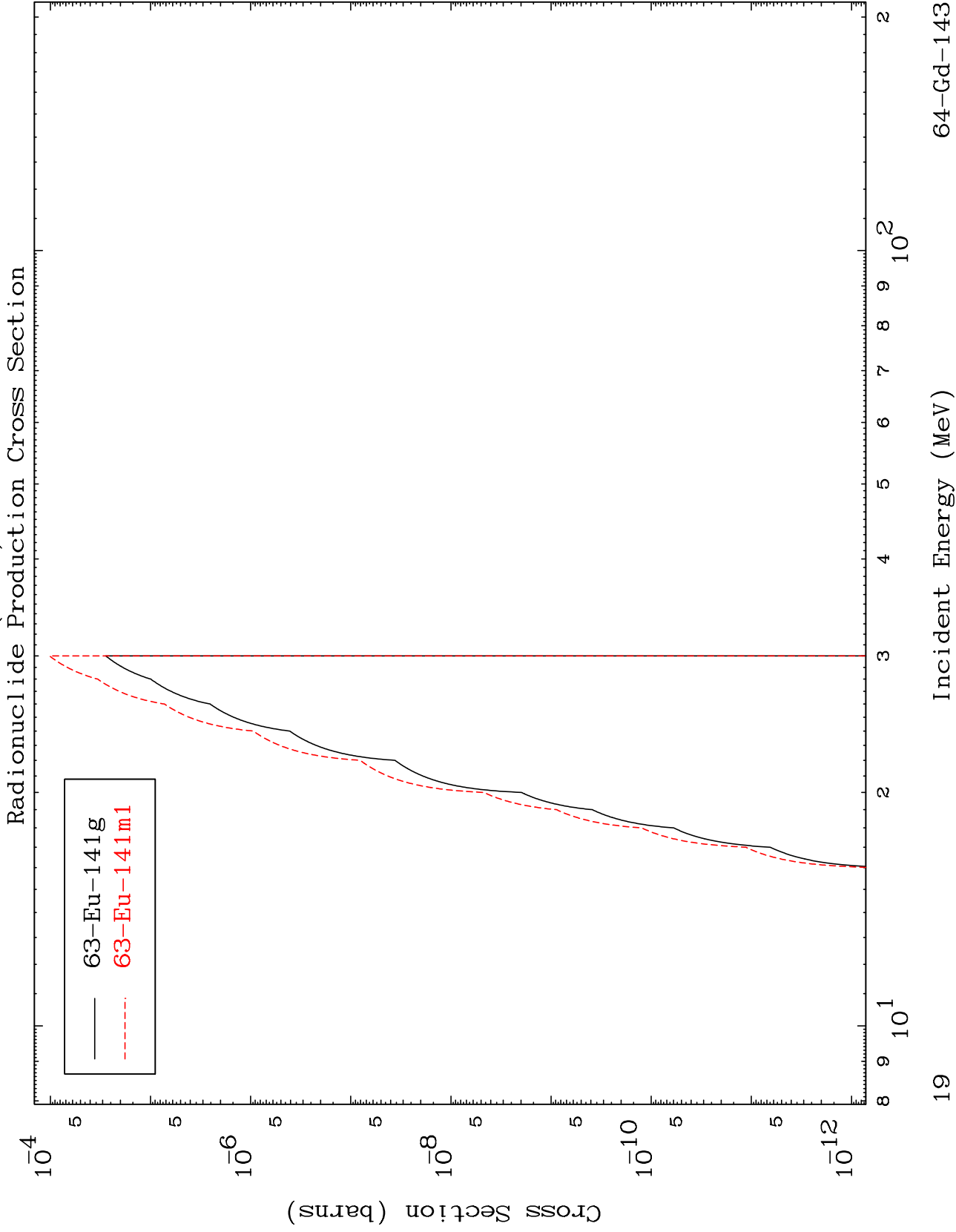
Incident Energy (MeV)

64-Gd-143

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(n,n') He-3

64-Gd-143



19

Incident Energy (MeV)

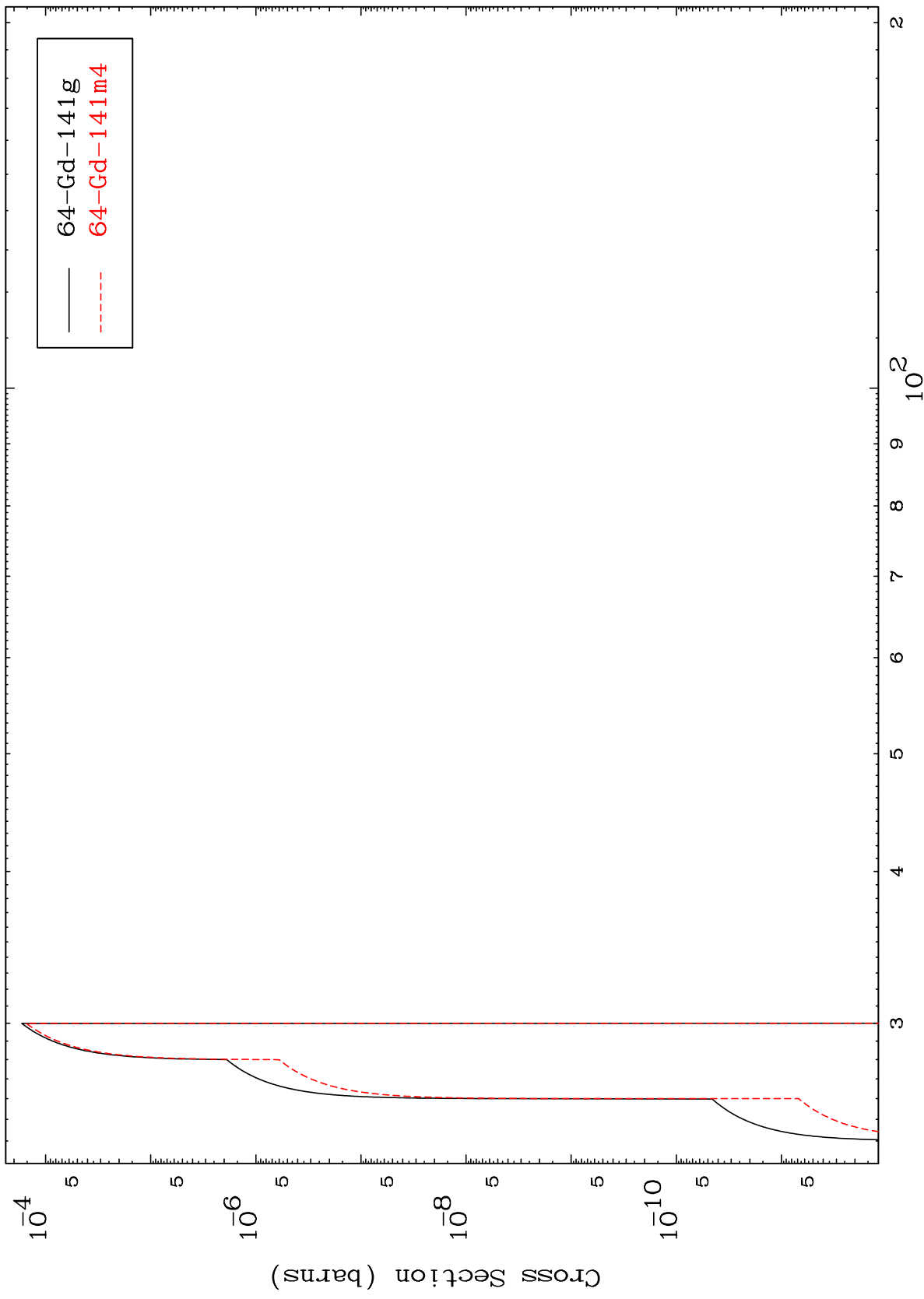
64-Gd-143

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(n,3n) p

64-Gd-143

Radionuclide Production Cross Section



20

Incident Energy (MeV)

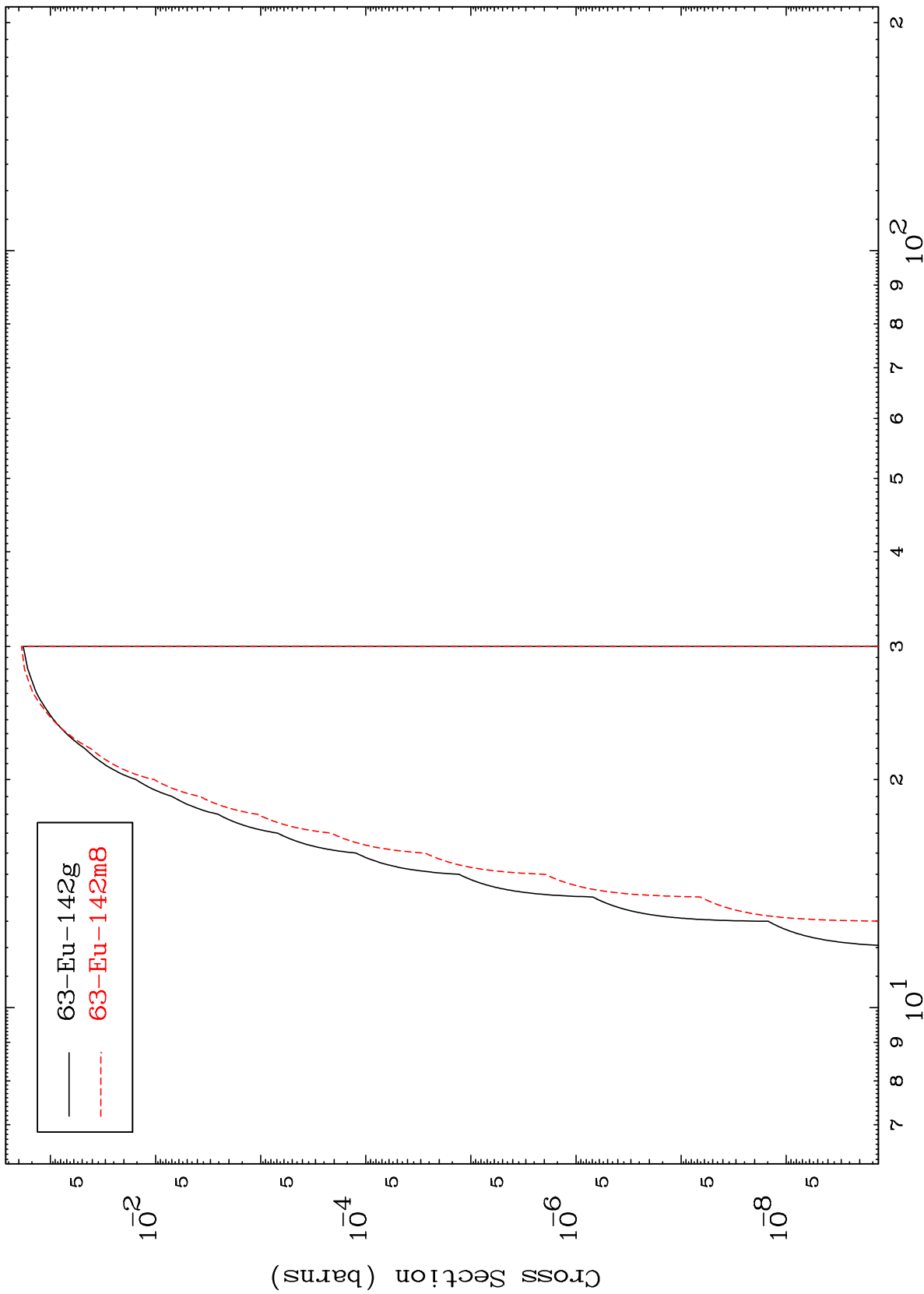
64-Gd-143

MAT 6398

(n,2n) p

64-Gd-143

Radionuclide Production Cross Section



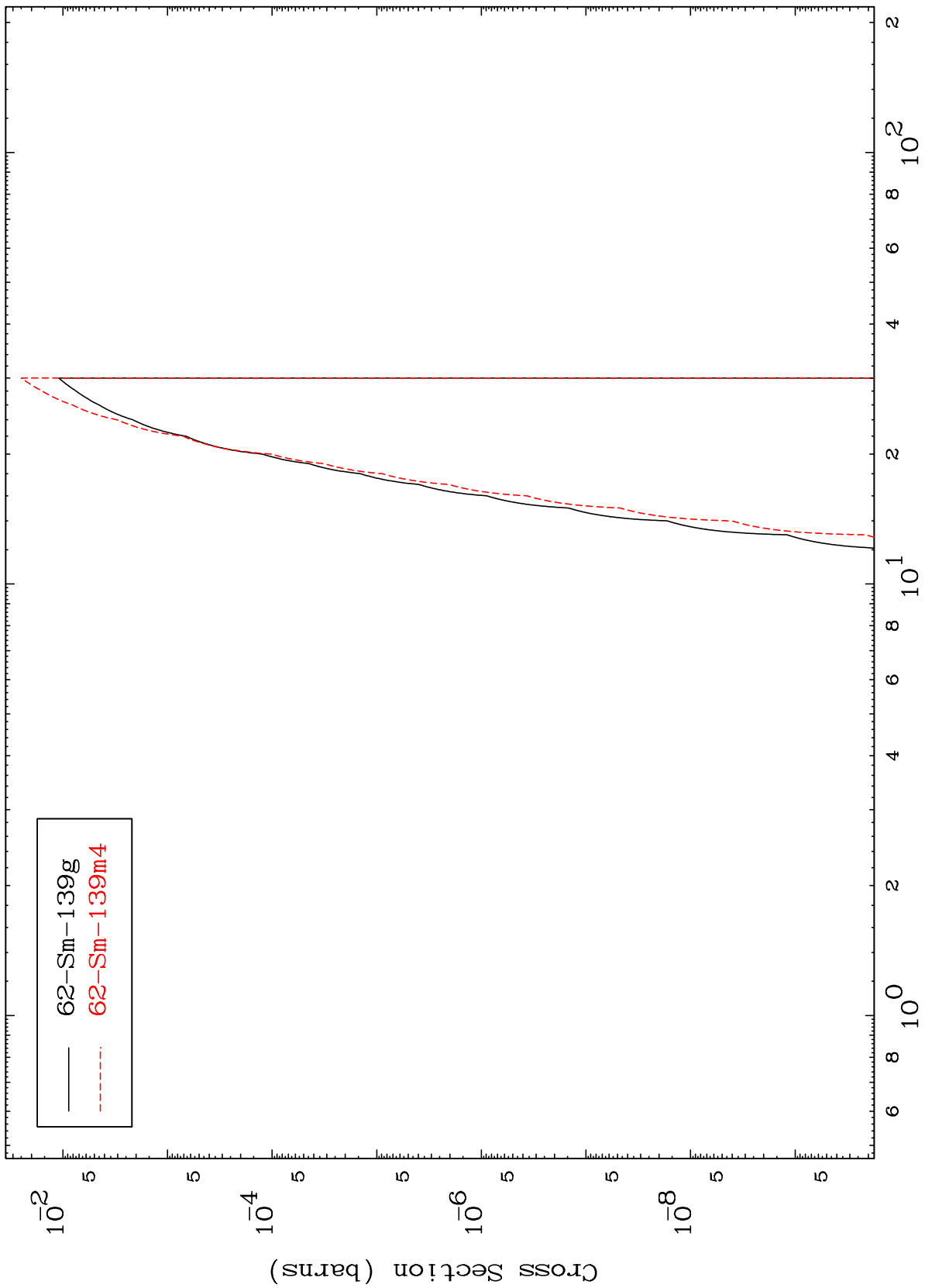
63-Eu-142g
63-Eu-142m8

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(n,n') p α

64-Gd-143

Radionuclide Production Cross Section



22

Incident Energy (MeV)

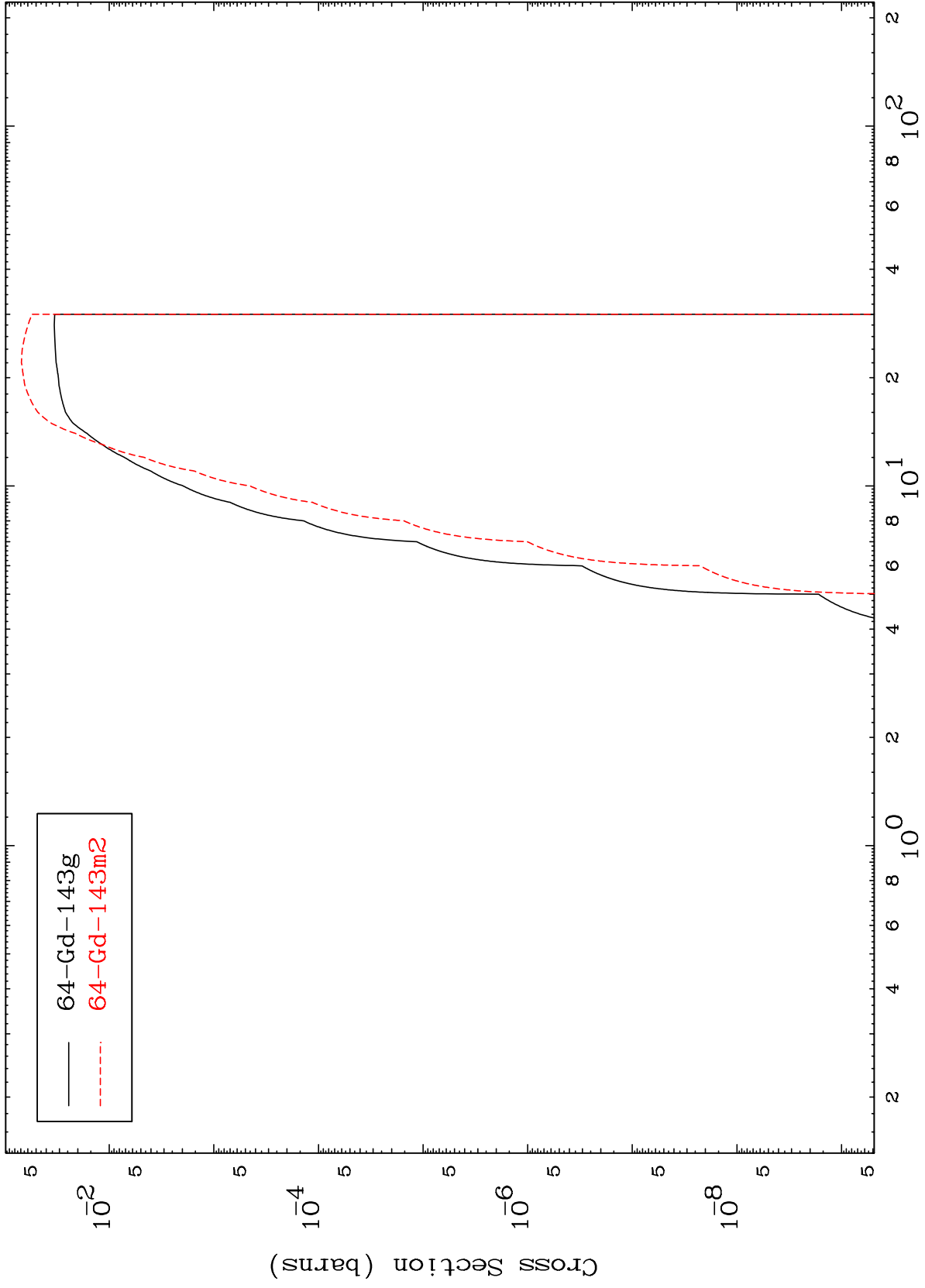
64-Gd-143

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(n,d)

64-Gd-143

Radionuclide Production Cross Section

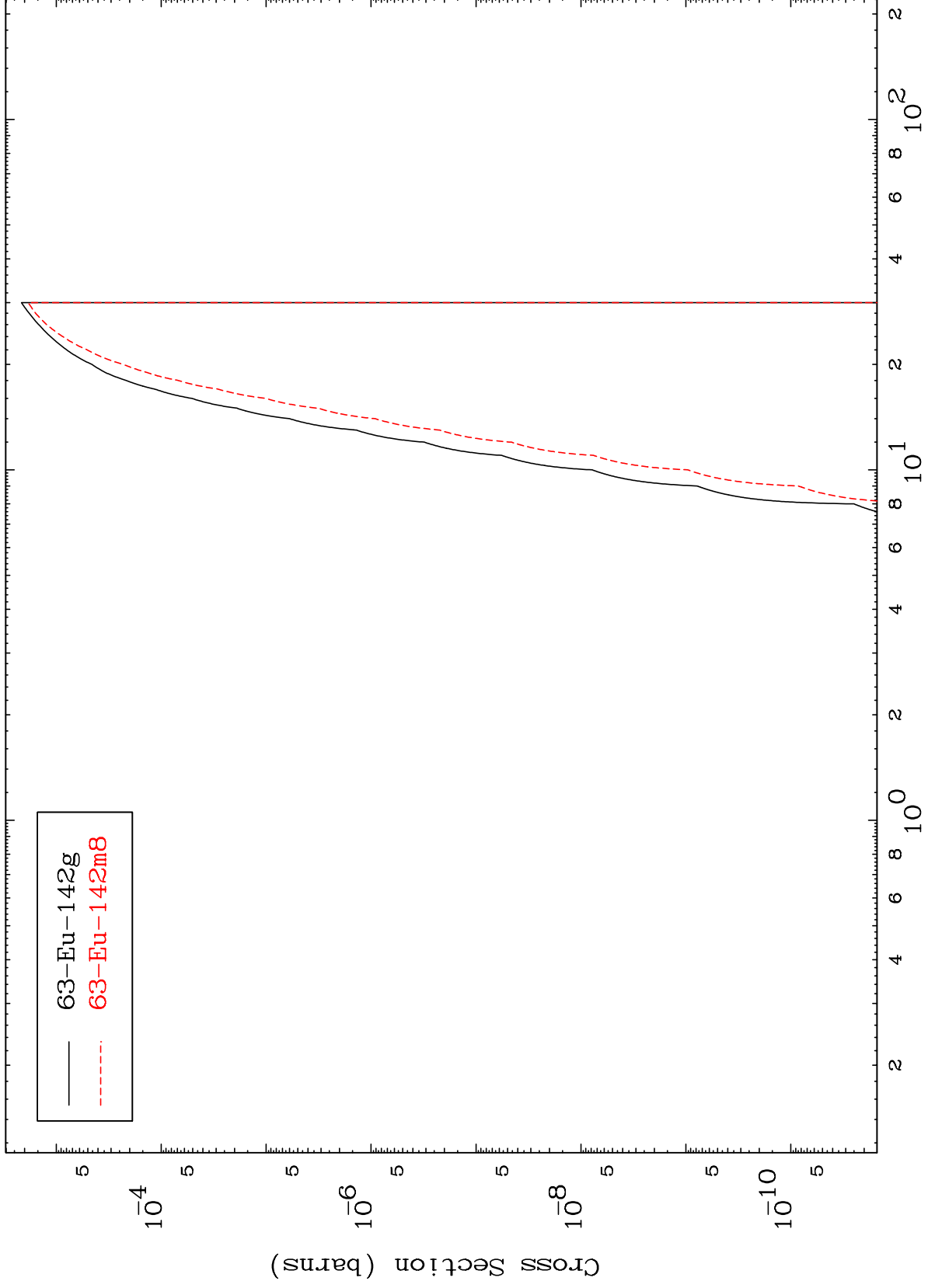


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(n,He-3)

64-Gd-143

Radionuclide Production Cross Section



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

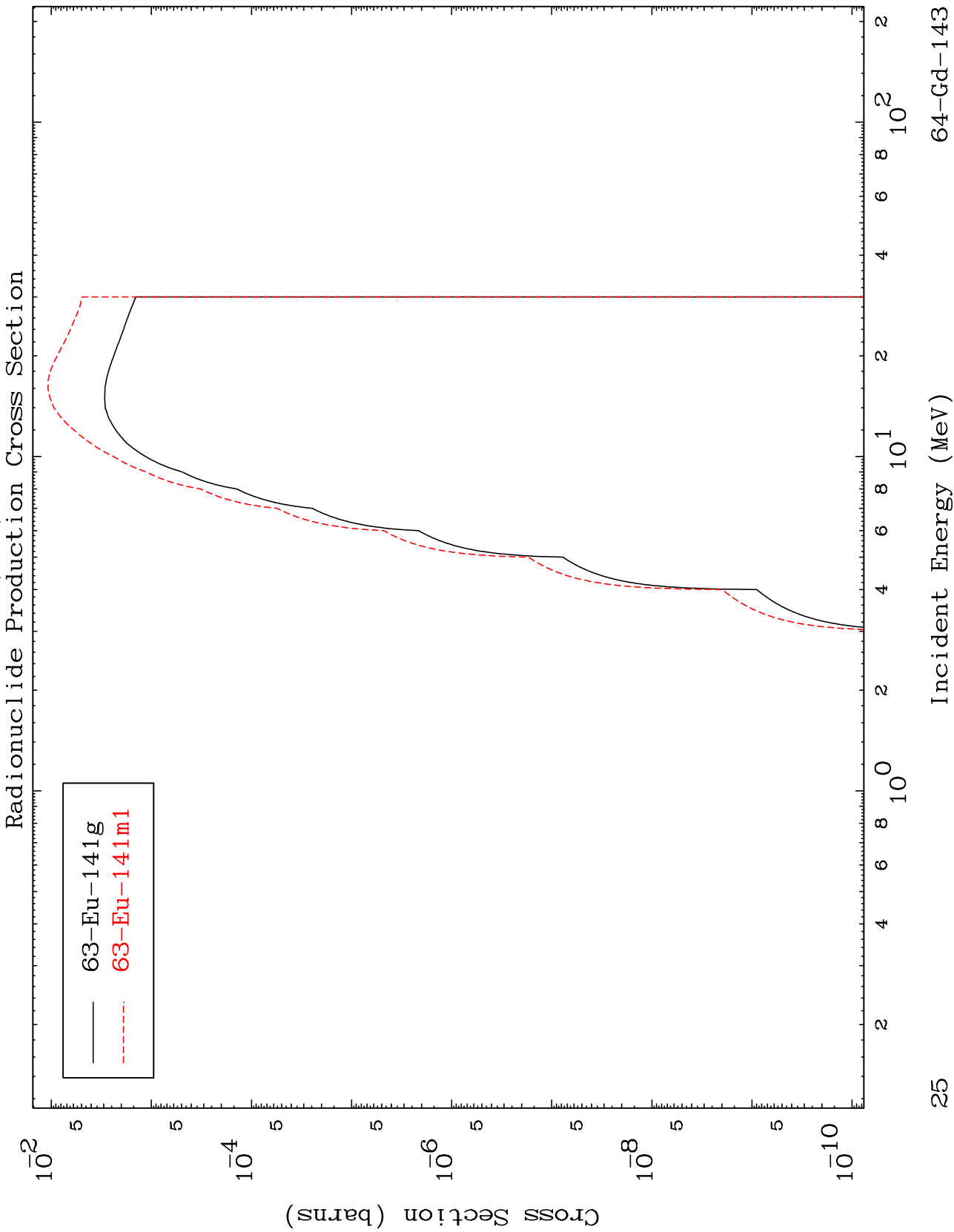
24

Incident Energy (MeV)

64-Gd-143

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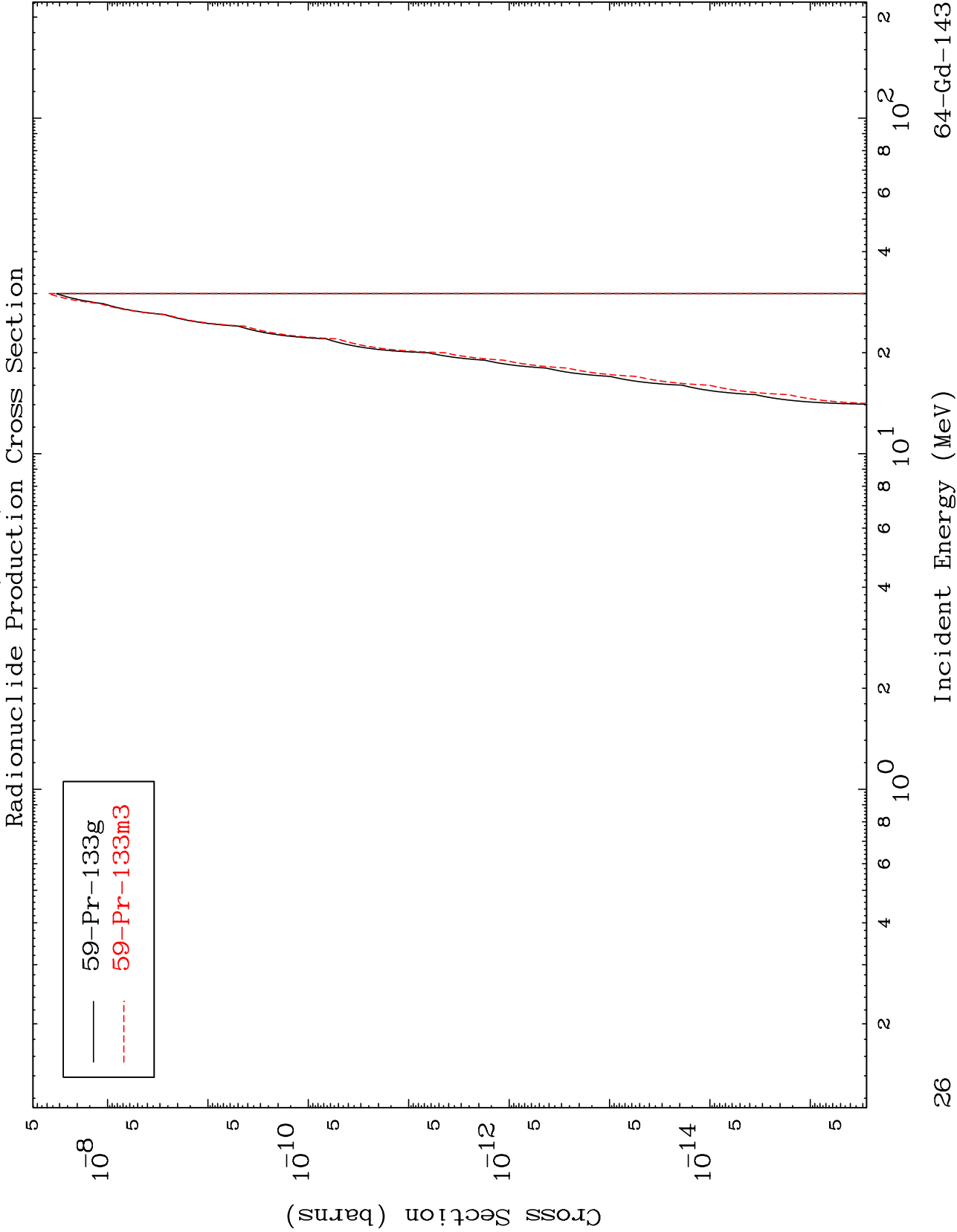
64-Gd-143



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(n, 3α)

64-Gd-143

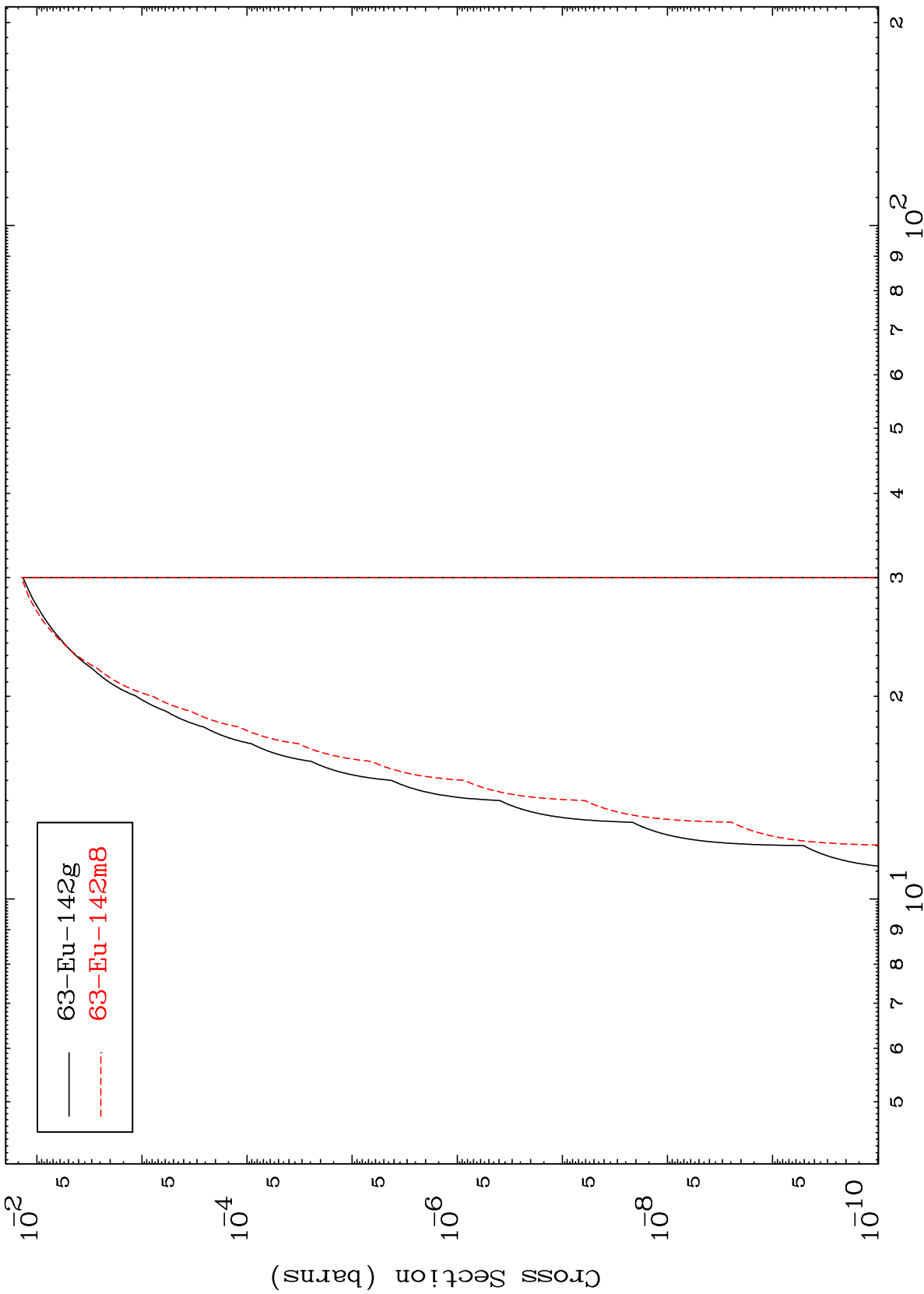


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(n,p) d

64-Gd-143

Radionuclide Production Cross Section



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

27

Incident Energy (MeV)

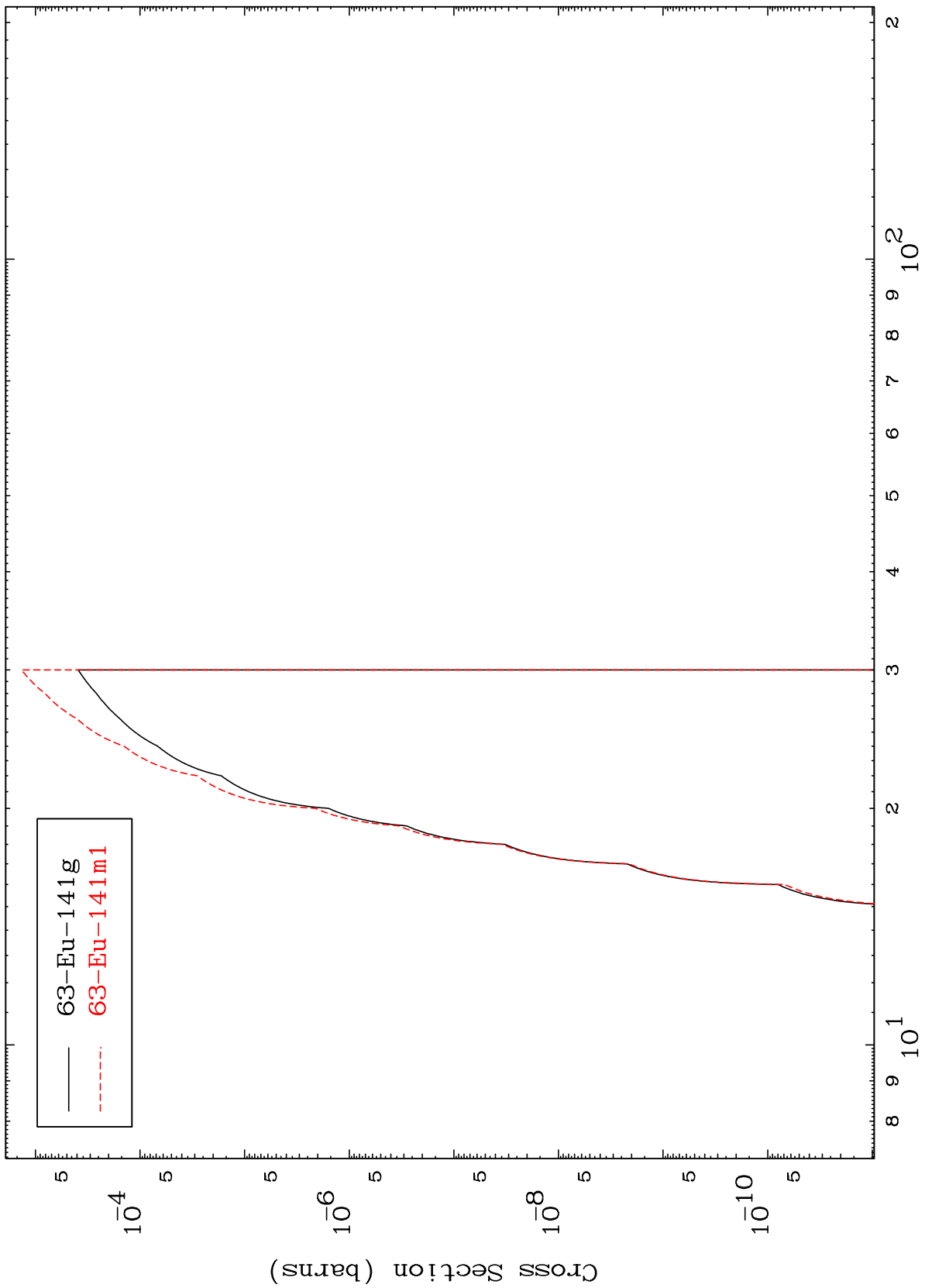
64-Gd-143

MAT 6398

(n,p) t

64-Gd-143

Radionuclide Production Cross Section



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

28

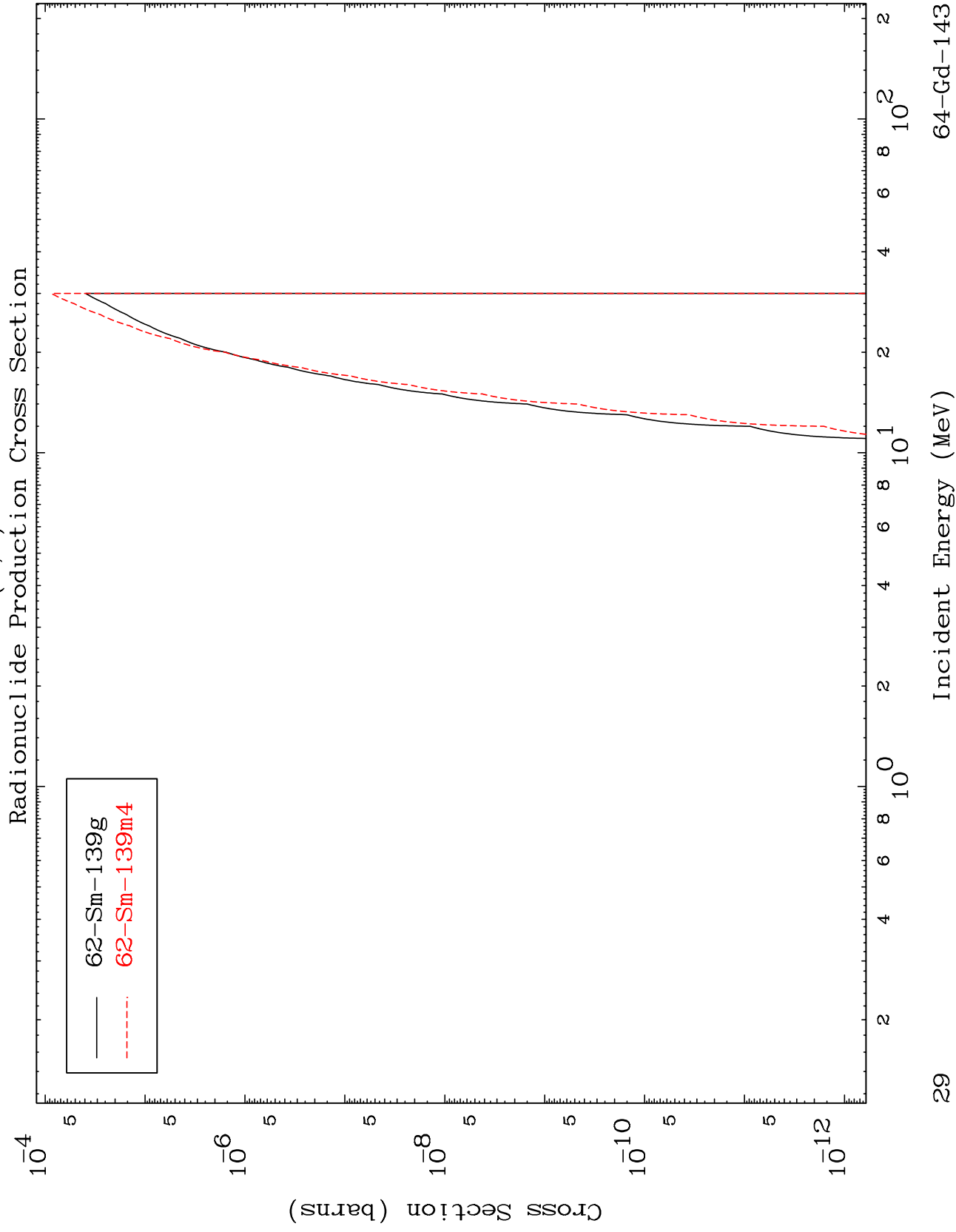
Incident Energy (MeV)

64-Gd-143

MAT 6398

(n,d) α

64-Gd-143



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64-Gd-143