

Program EVALPLOT
(Version 2021-1)

by

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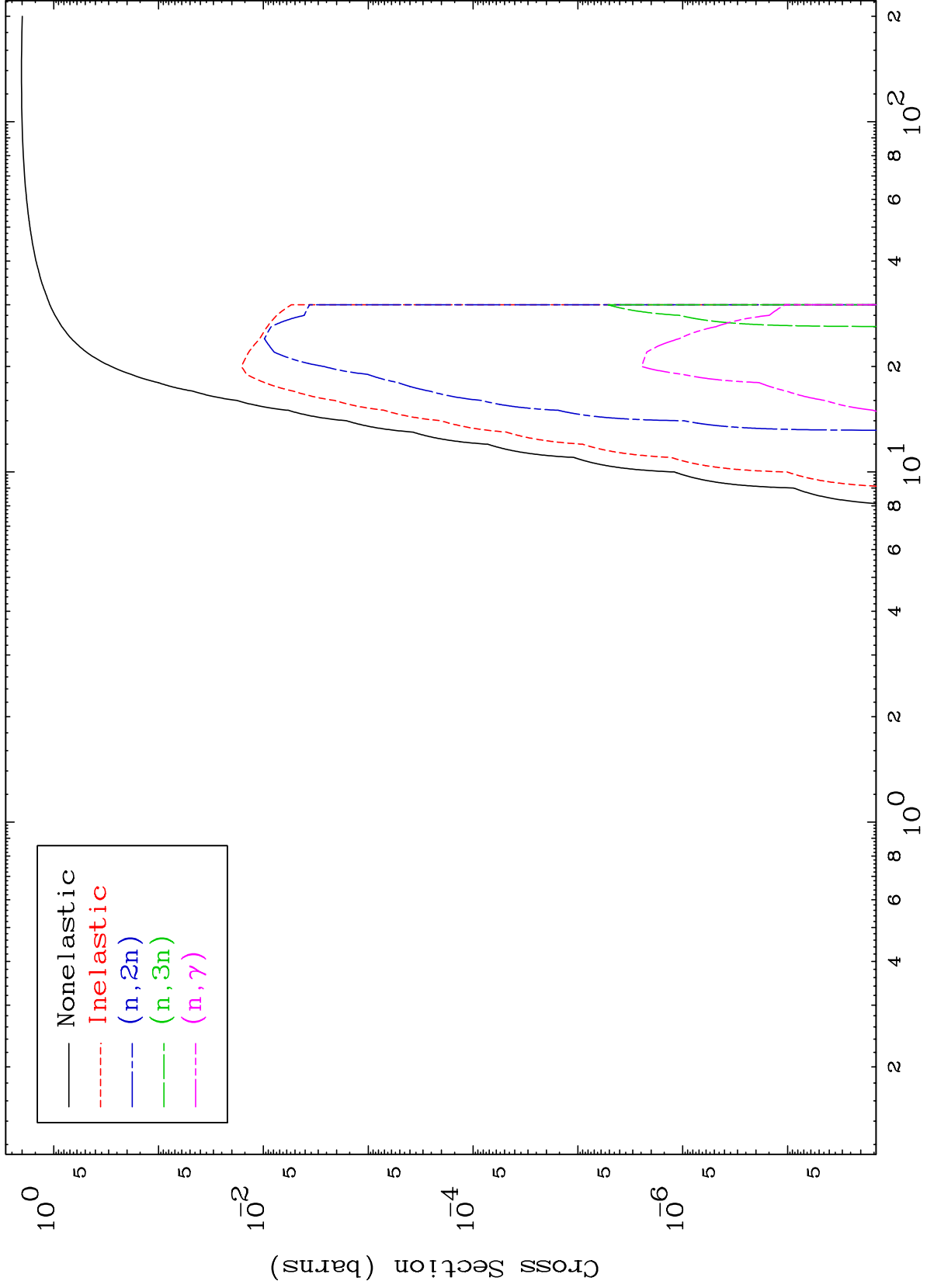
Press Mouse Button to Start

MAT 6398

He-3 Major

64-Gd-143

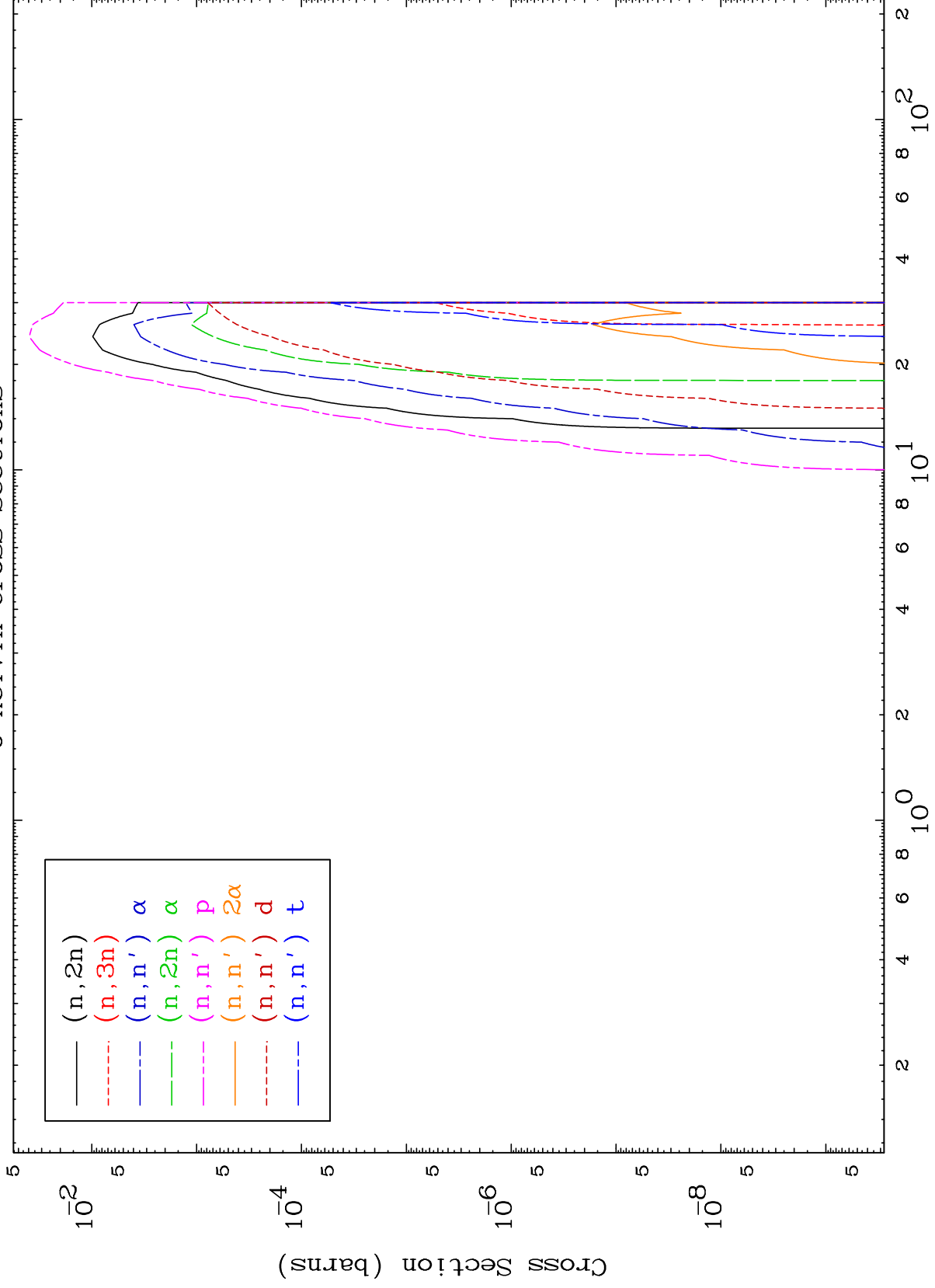
0 Kelvin Cross Sections



MAT 6398

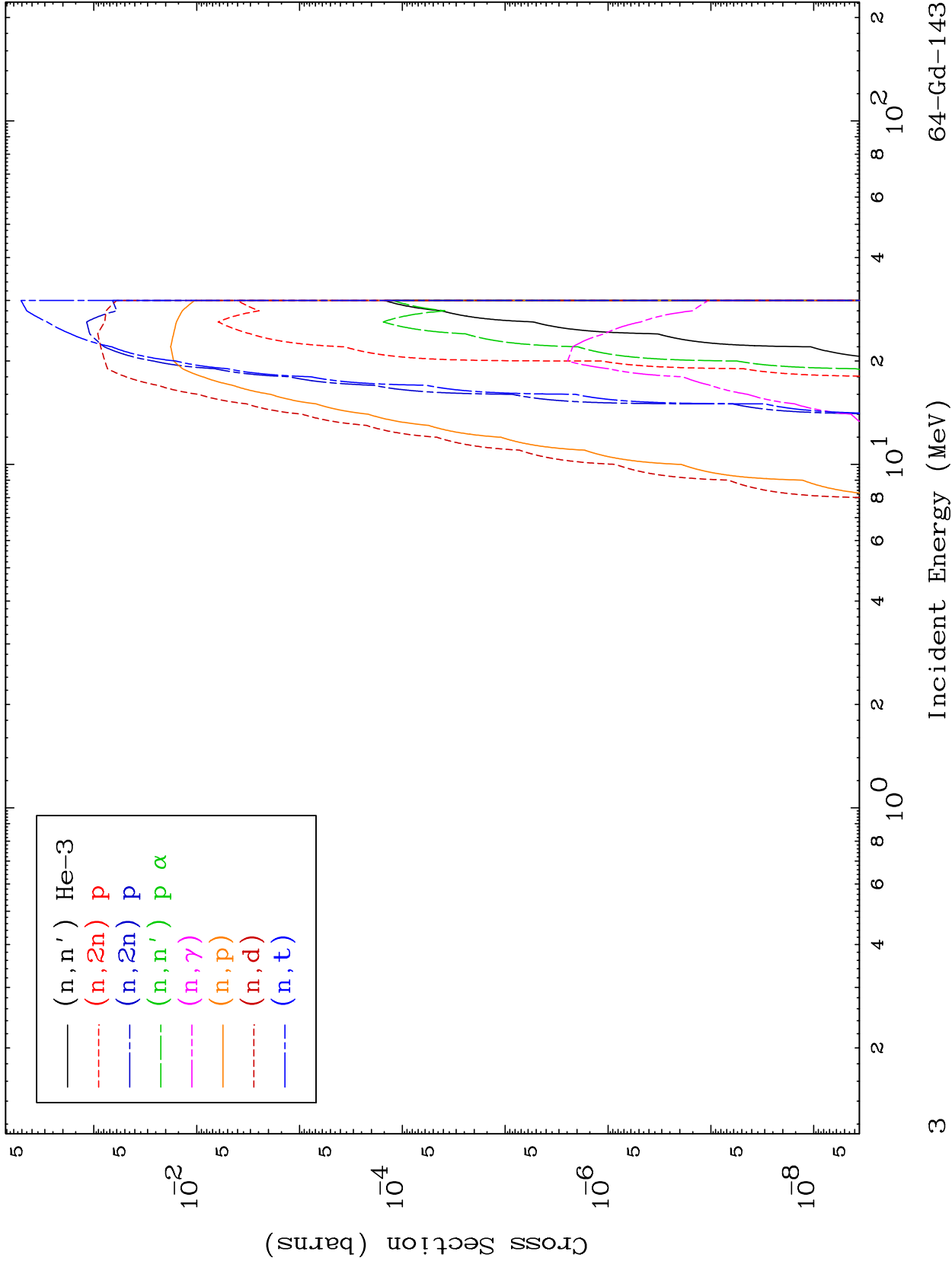
He-3 Neutron Absorption
0 Kelvin Cross Sections

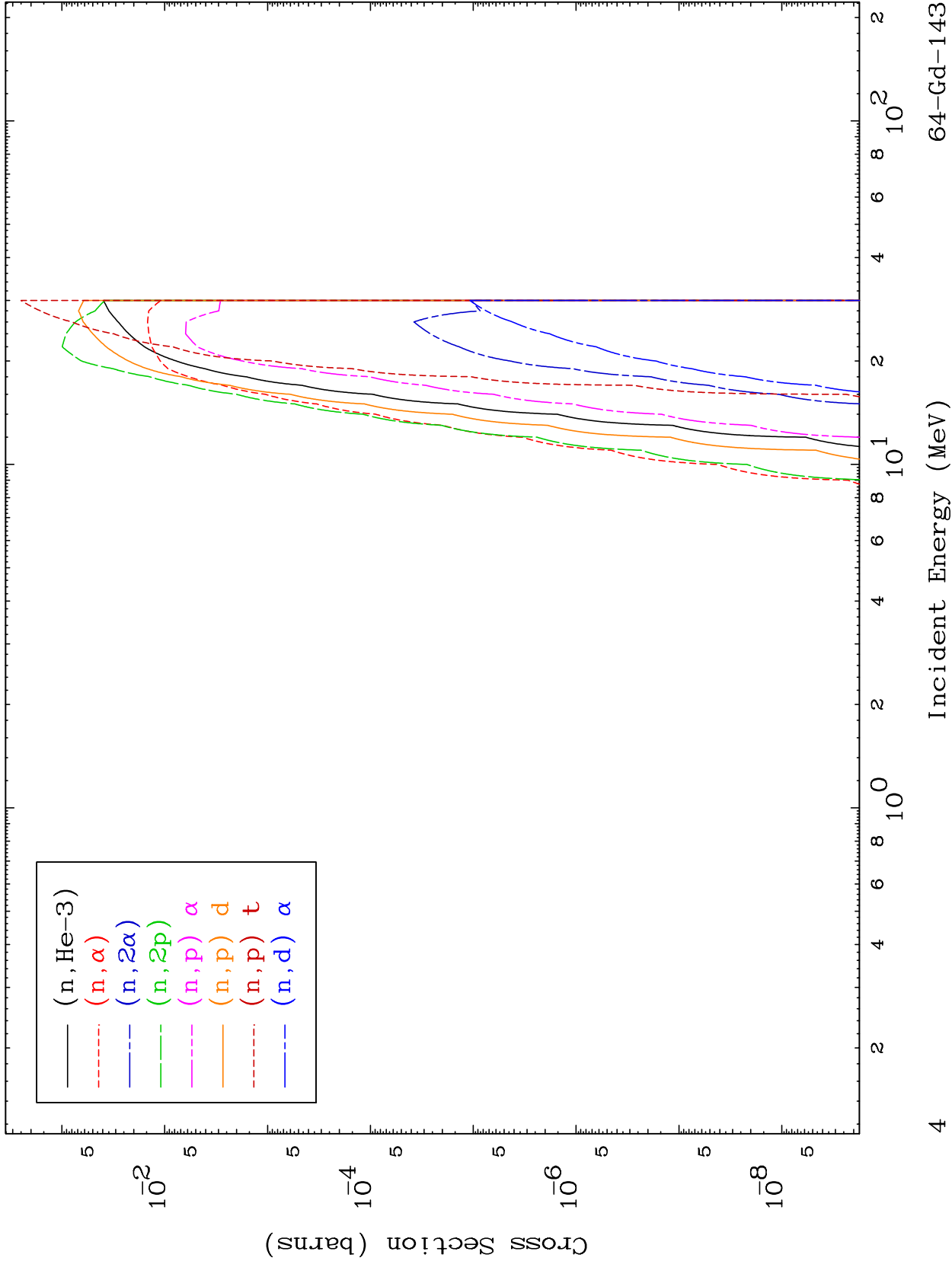
64-Gd-143

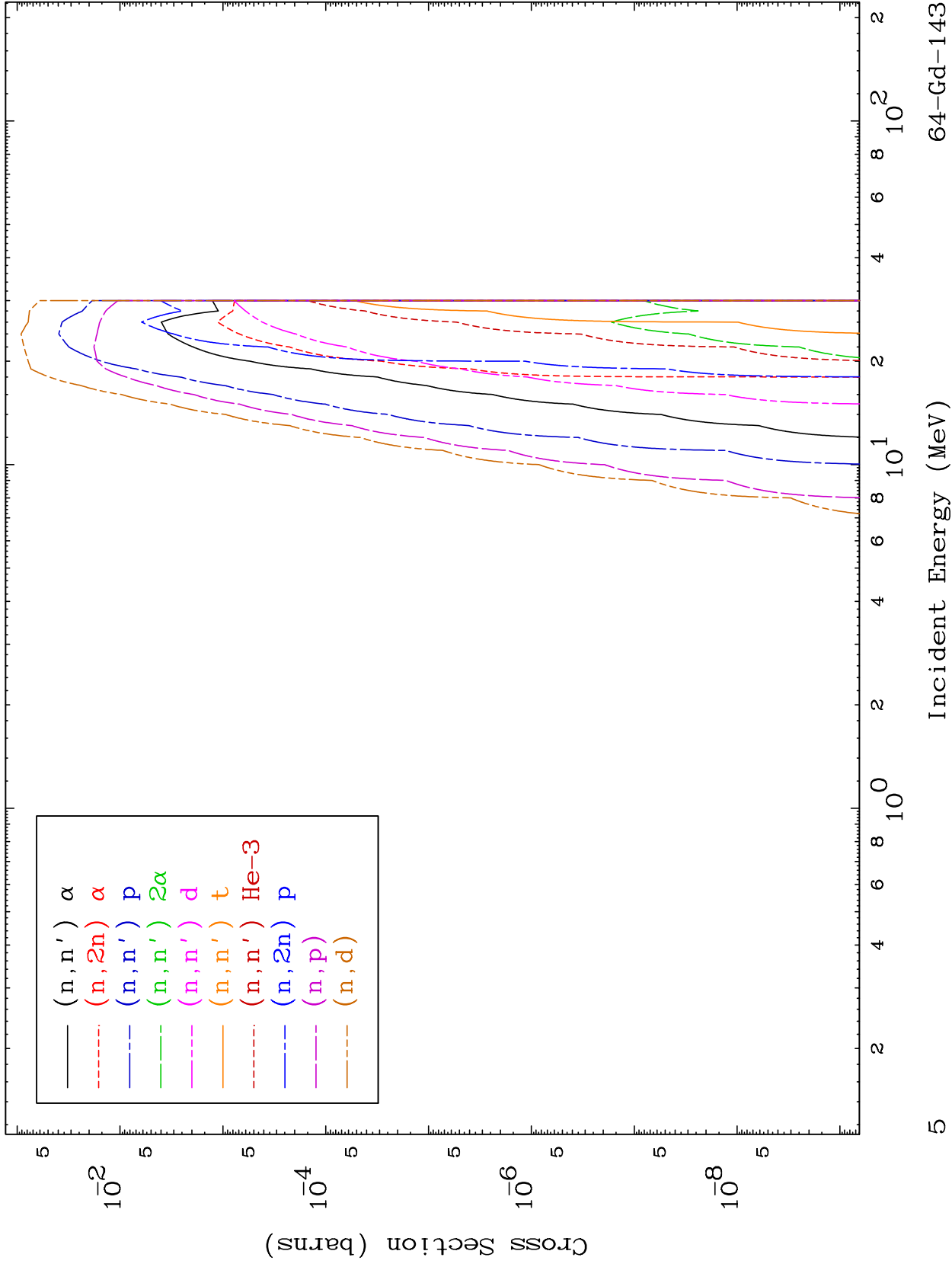


64-Gd-143

Incident Energy (MeV)



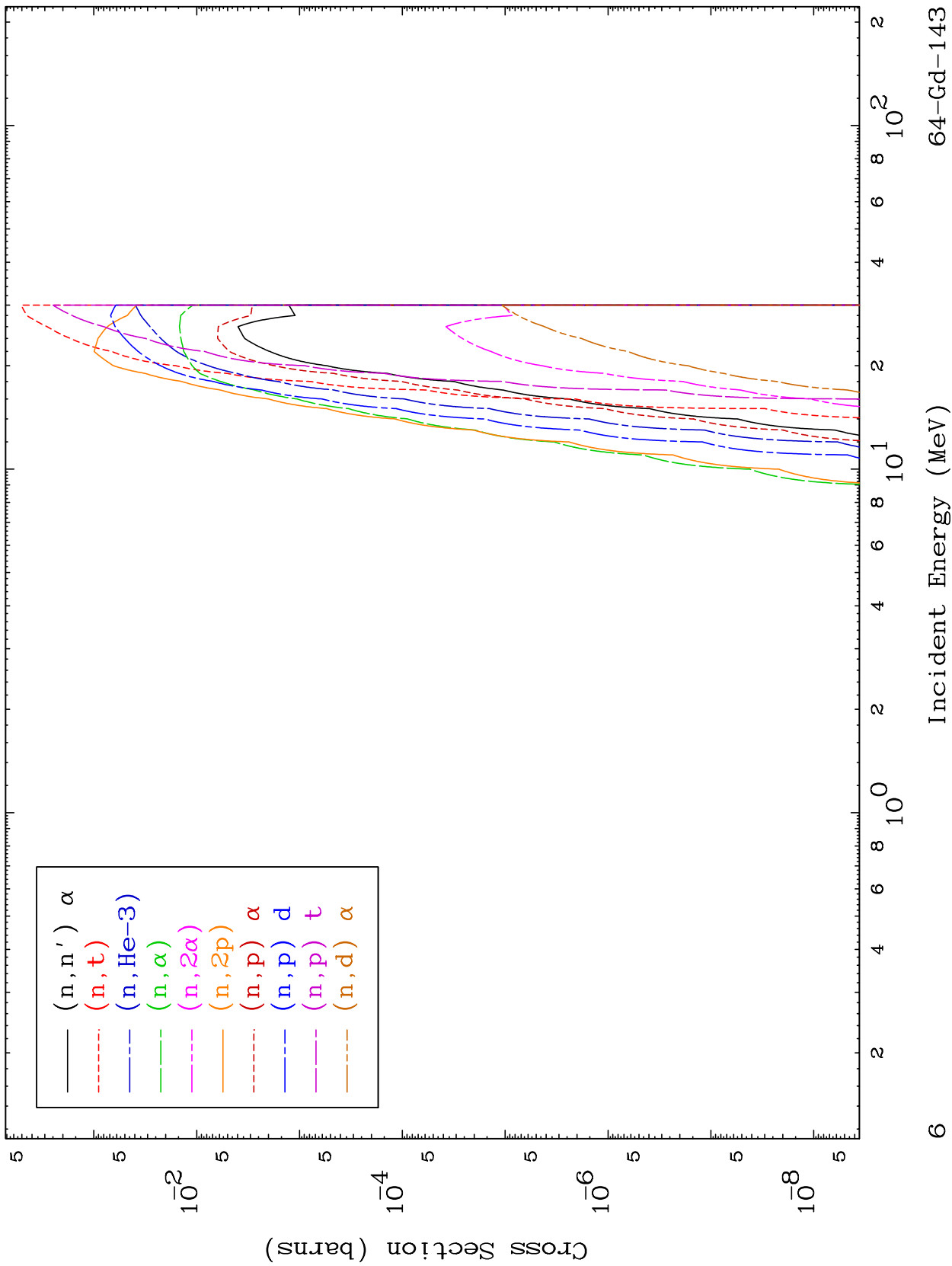




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He-3 Charged Particle
0 Kelvin Cross Sections

64-Gd-143

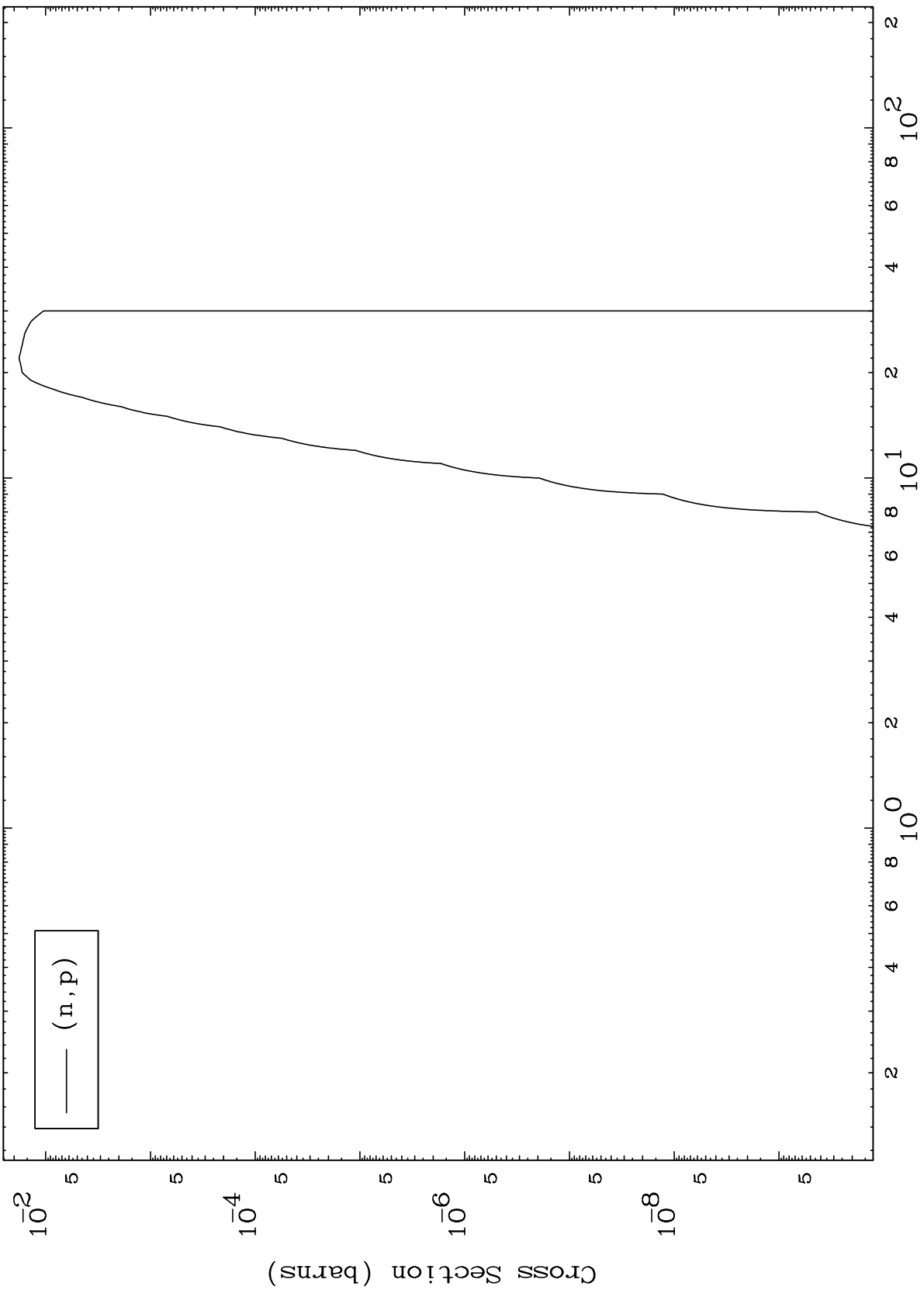


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(He-3,p) Levels

64-Gd-143

0 Kelvin Cross Sections



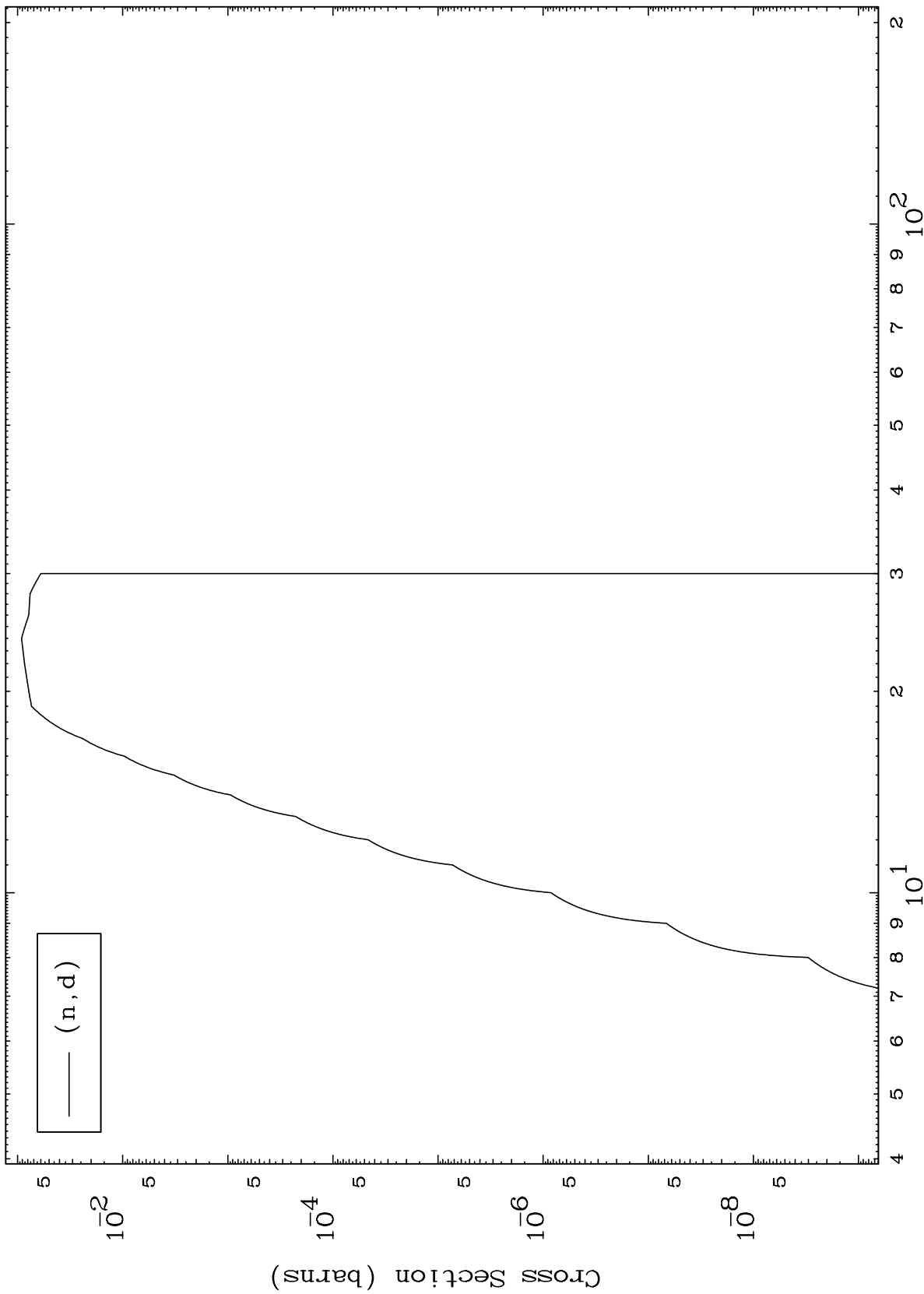
(n,p)

MAT 6398

(He-3,d) Levels

64-Gd-143

0 Kelvin Cross Sections



8

Incident Energy (MeV)

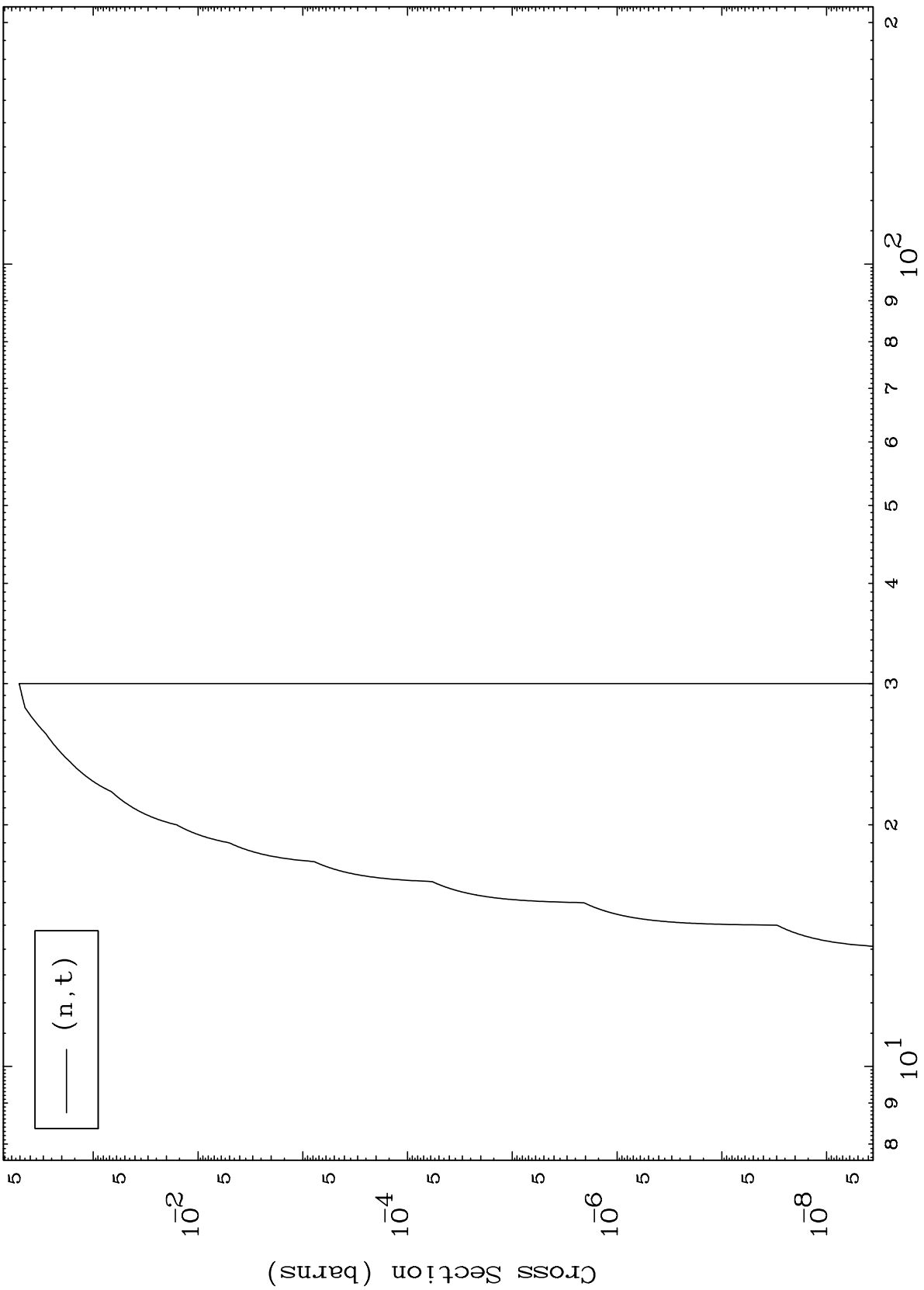
64-Gd-143

MAT 6398

(He-3,t) Levels

64-Gd-143

0 Kelvin Cross Sections



9

Incident Energy (MeV)

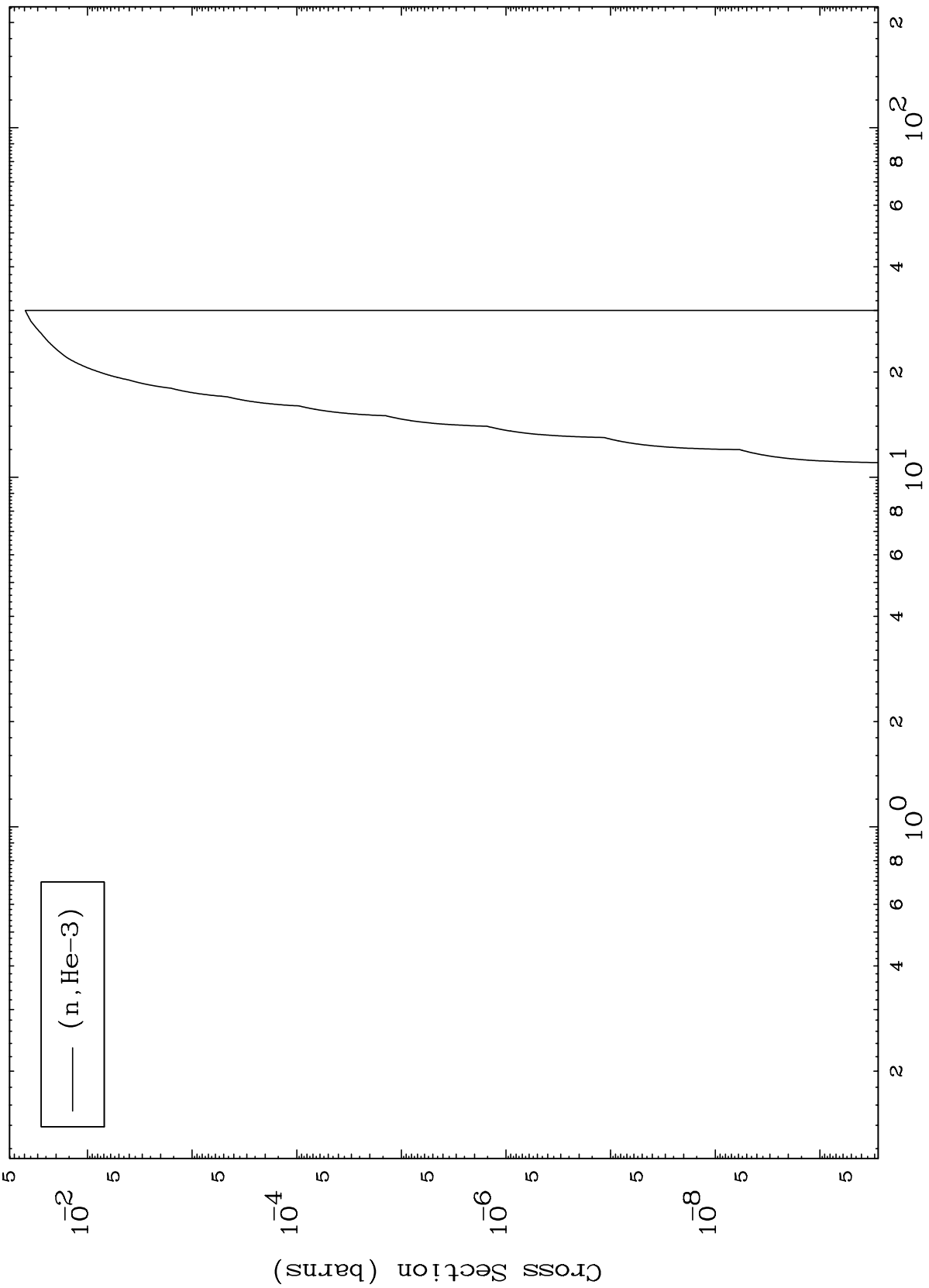
64-Gd-143

MAT 6398

(He-3, He3) Levels

64-Gd-143

0 Kelvin Cross Sections



(n, He-3)

10

Incident Energy (MeV)

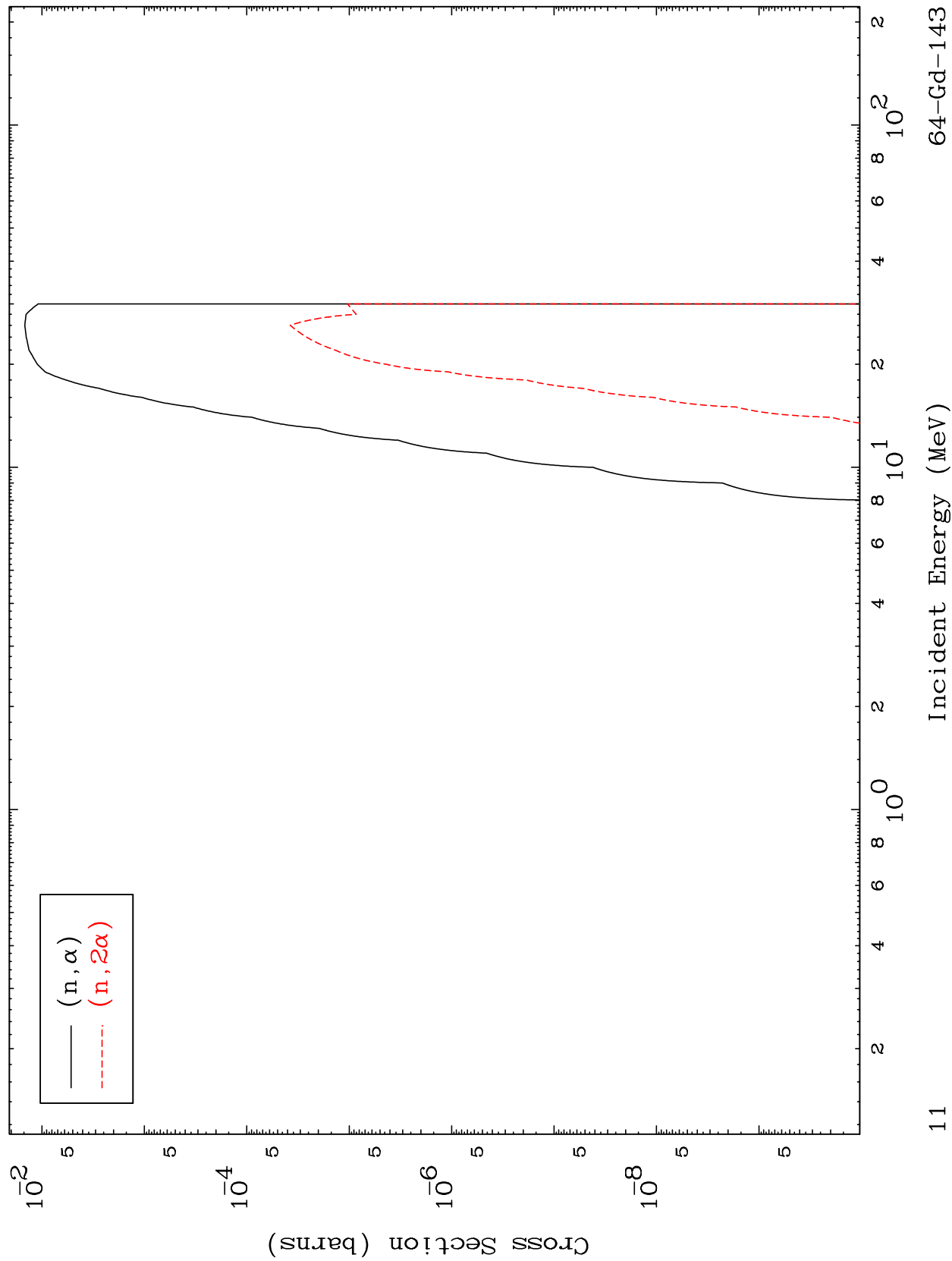
64-Gd-143

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(He-3, α) Levels

64-Gd-143

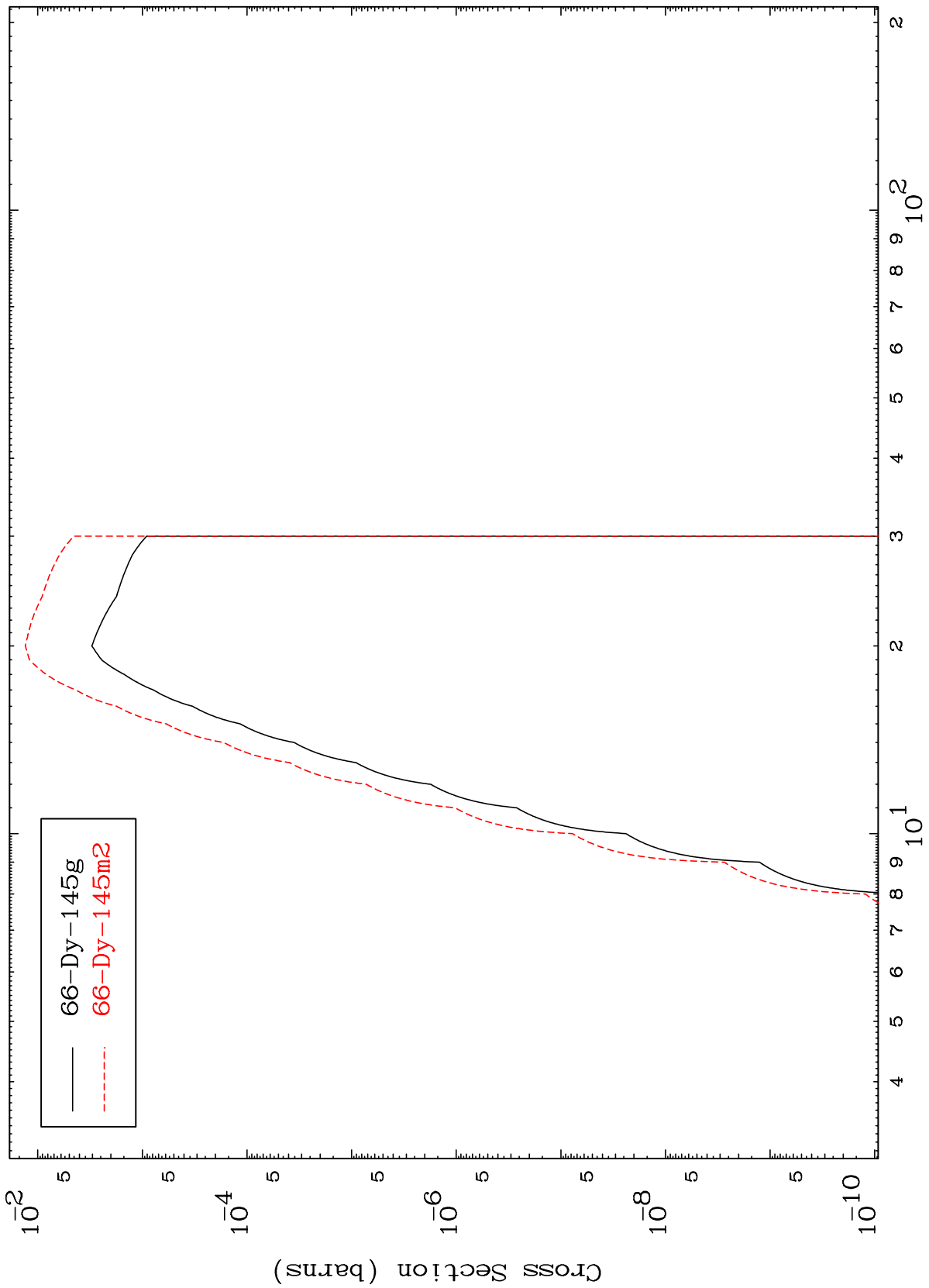
0 Kelvin Cross Sections



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64-Gd-143

Radionuclide Production Cross Section



12

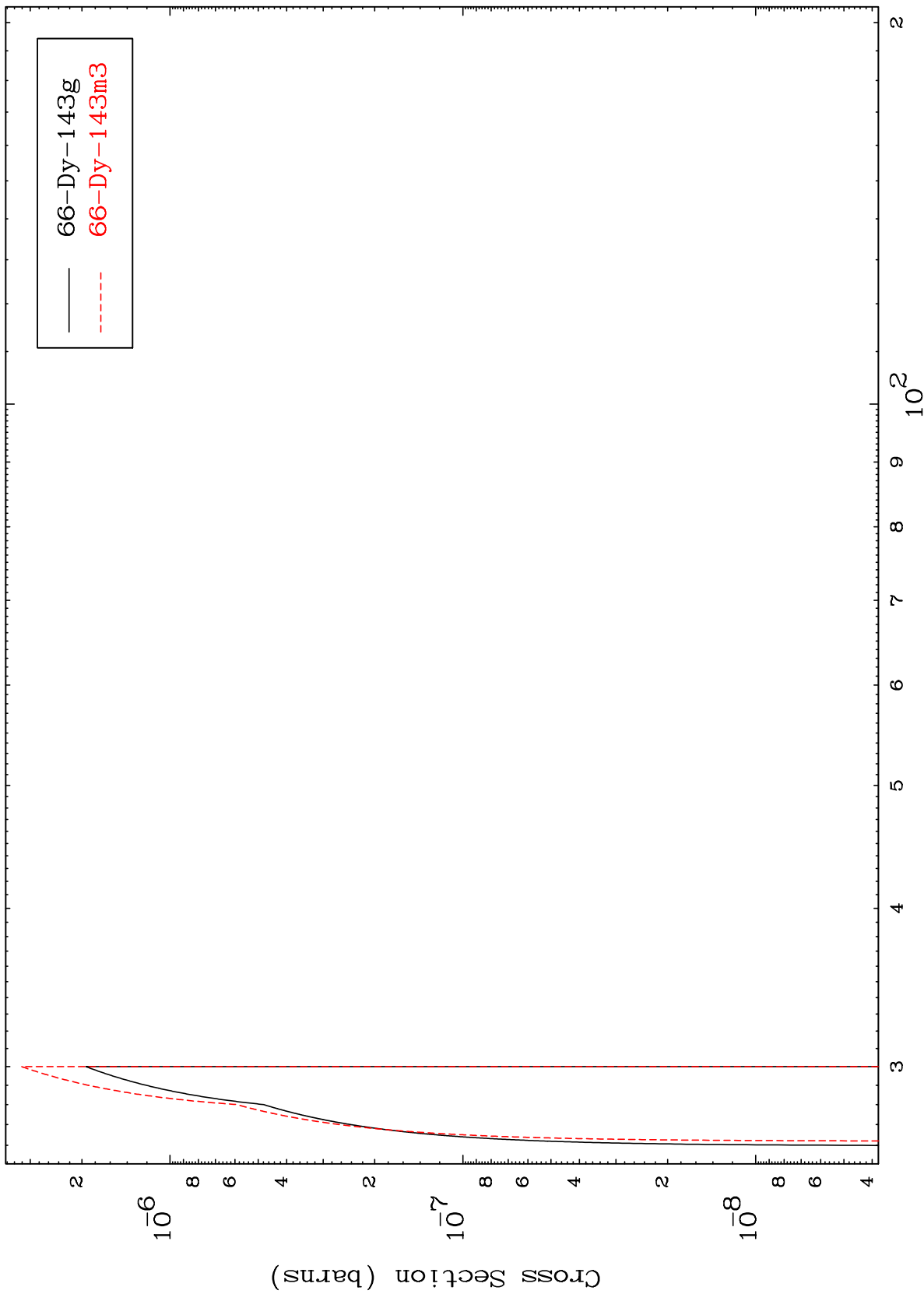
64-Gd-143

Incident Energy (MeV)

MAT 6398

64-Gd-143

(n,3n)
Radionuclide Production Cross Section



64-Gd-143

Incident Energy (MeV)

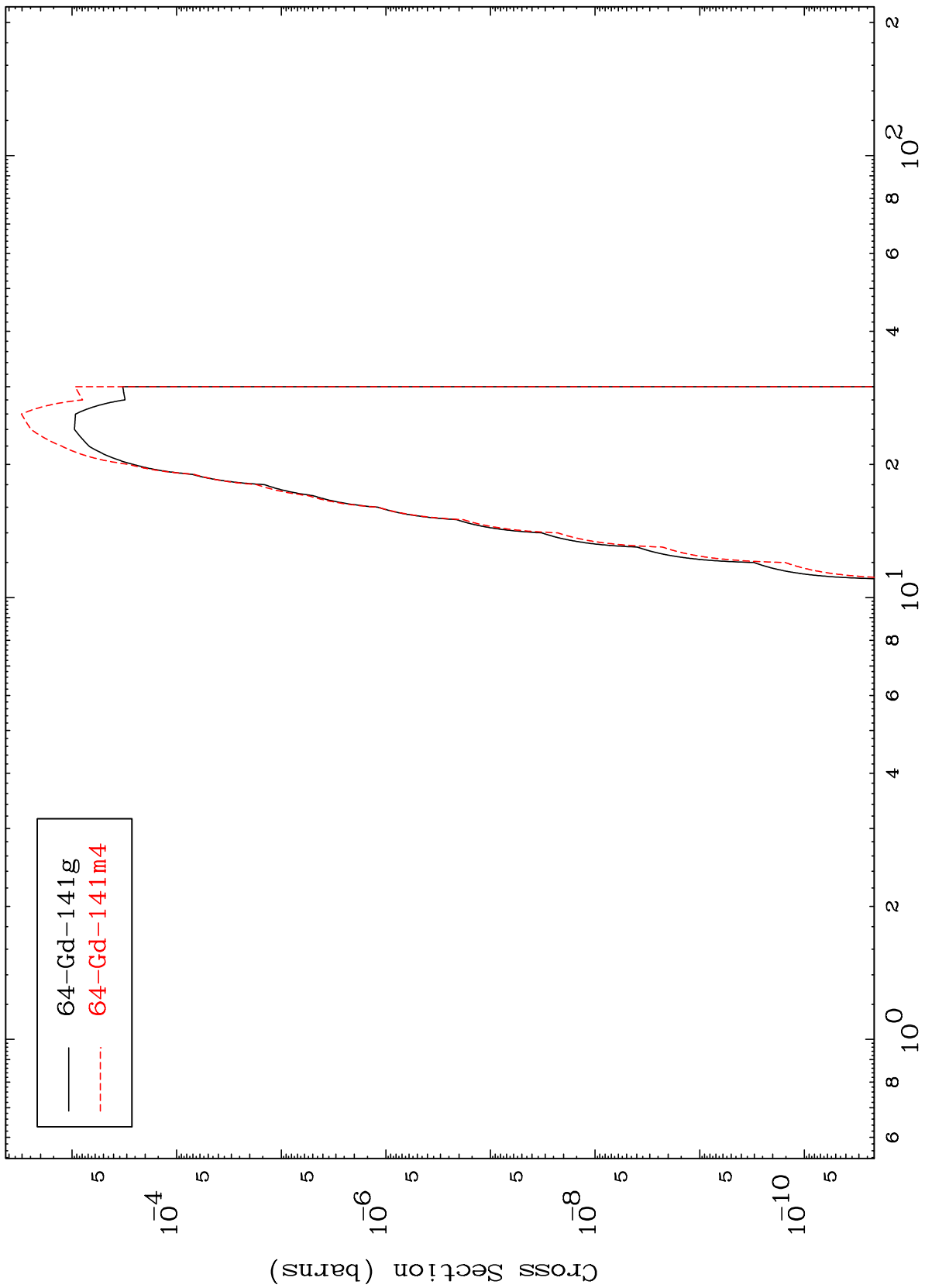
13

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(n, n') α

64-Gd-143

Radionuclide Production Cross Section



14

Incident Energy (MeV)

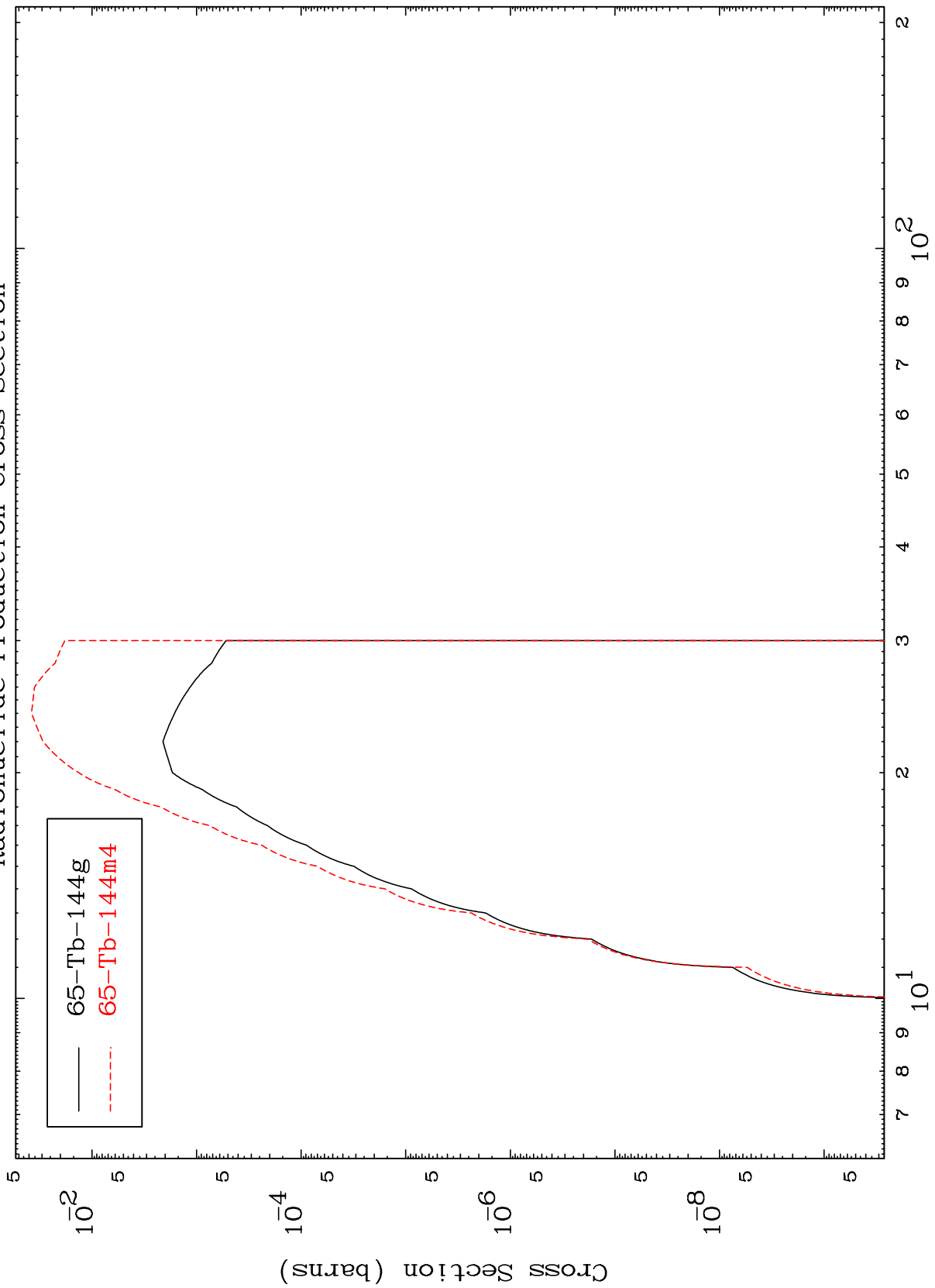
64-Gd-143

MAT 6398

(n,n') p

64-Gd-143

Radionuclide Production Cross Section



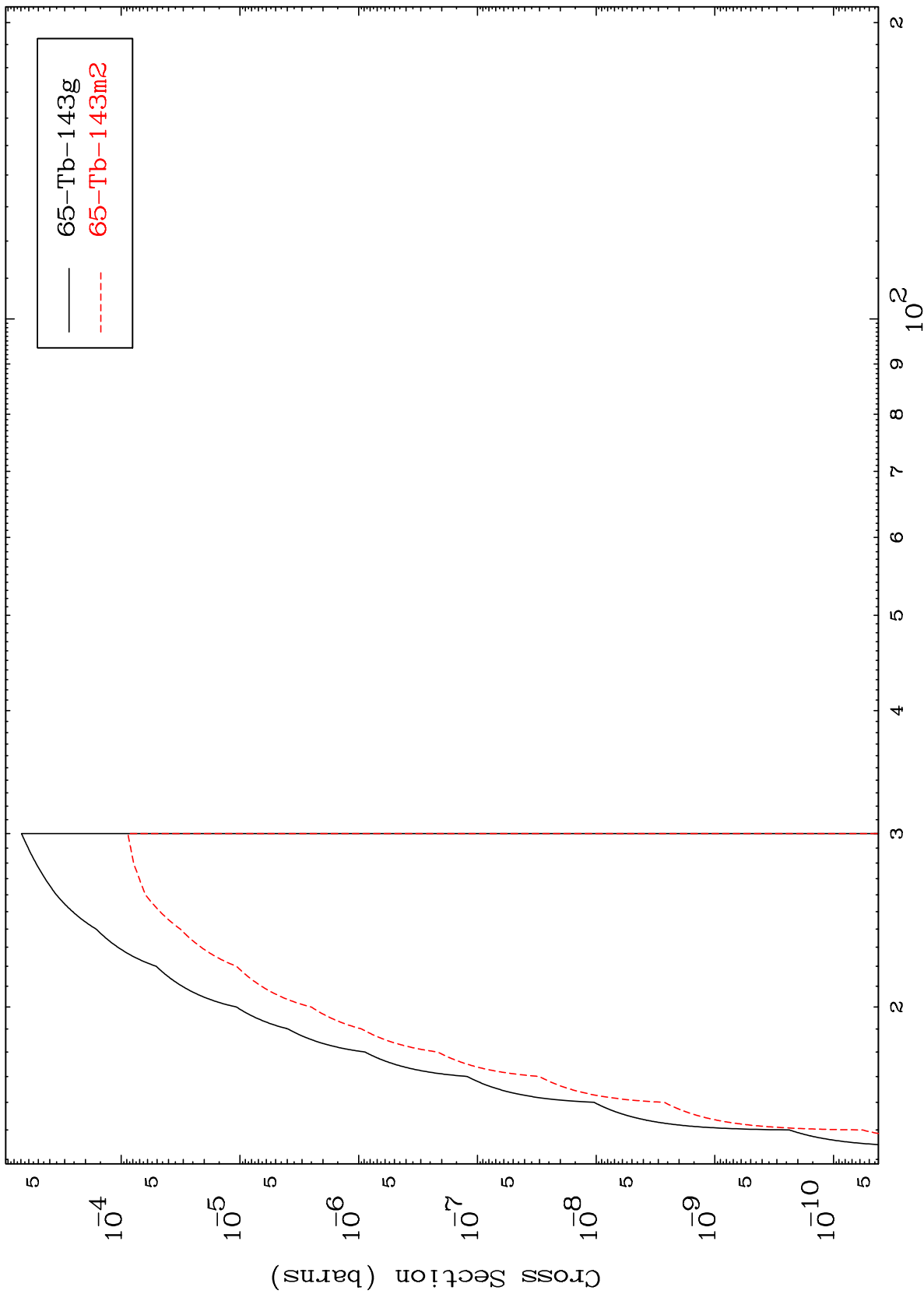
65-Tb-144g
65-Tb-144m4

15

Incident Energy (MeV)

64-Gd-143

Radionuclide Production Cross Section

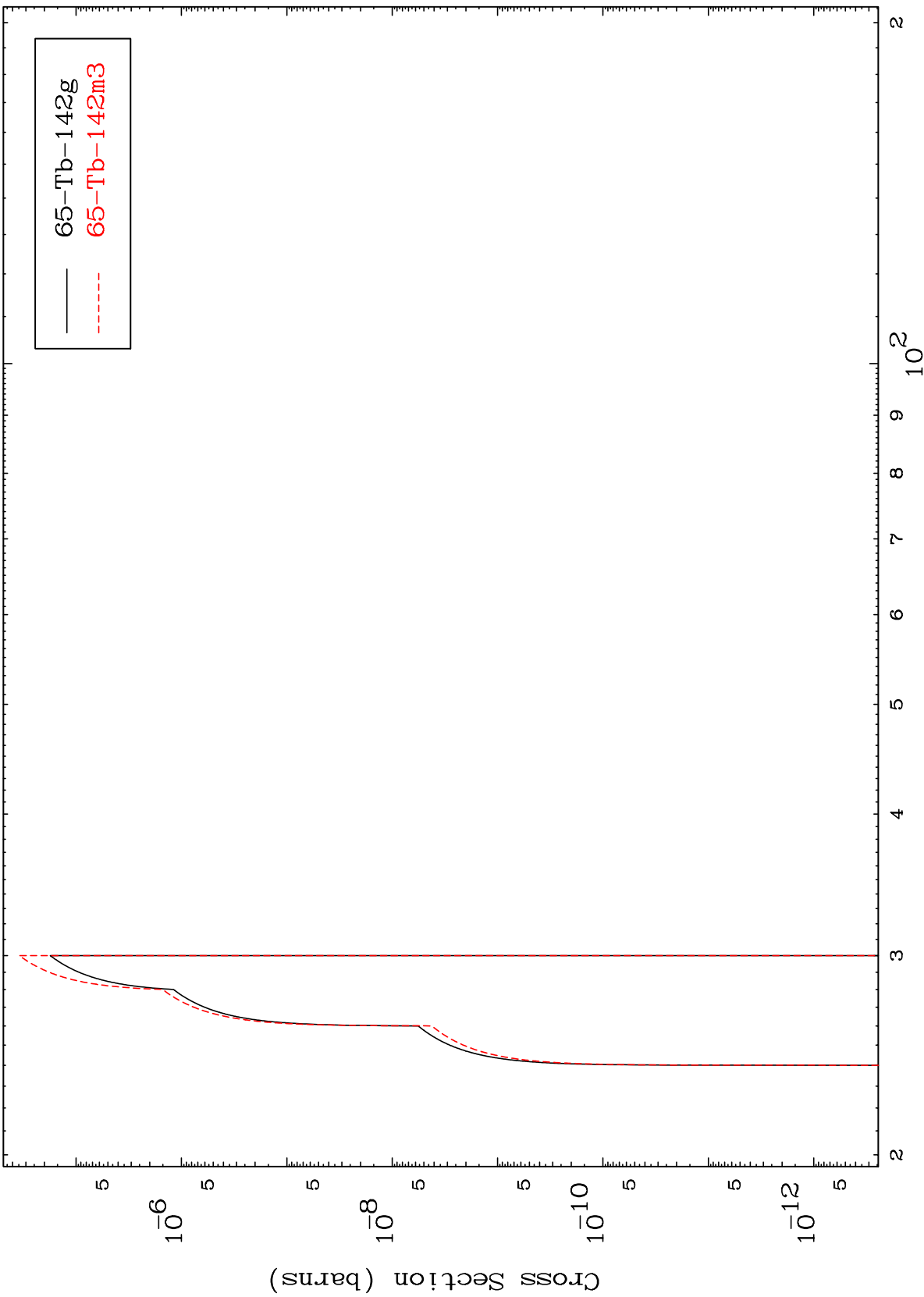


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(n,n') t

64-Gd-143

Radionuclide Production Cross Section



17

Incident Energy (MeV)

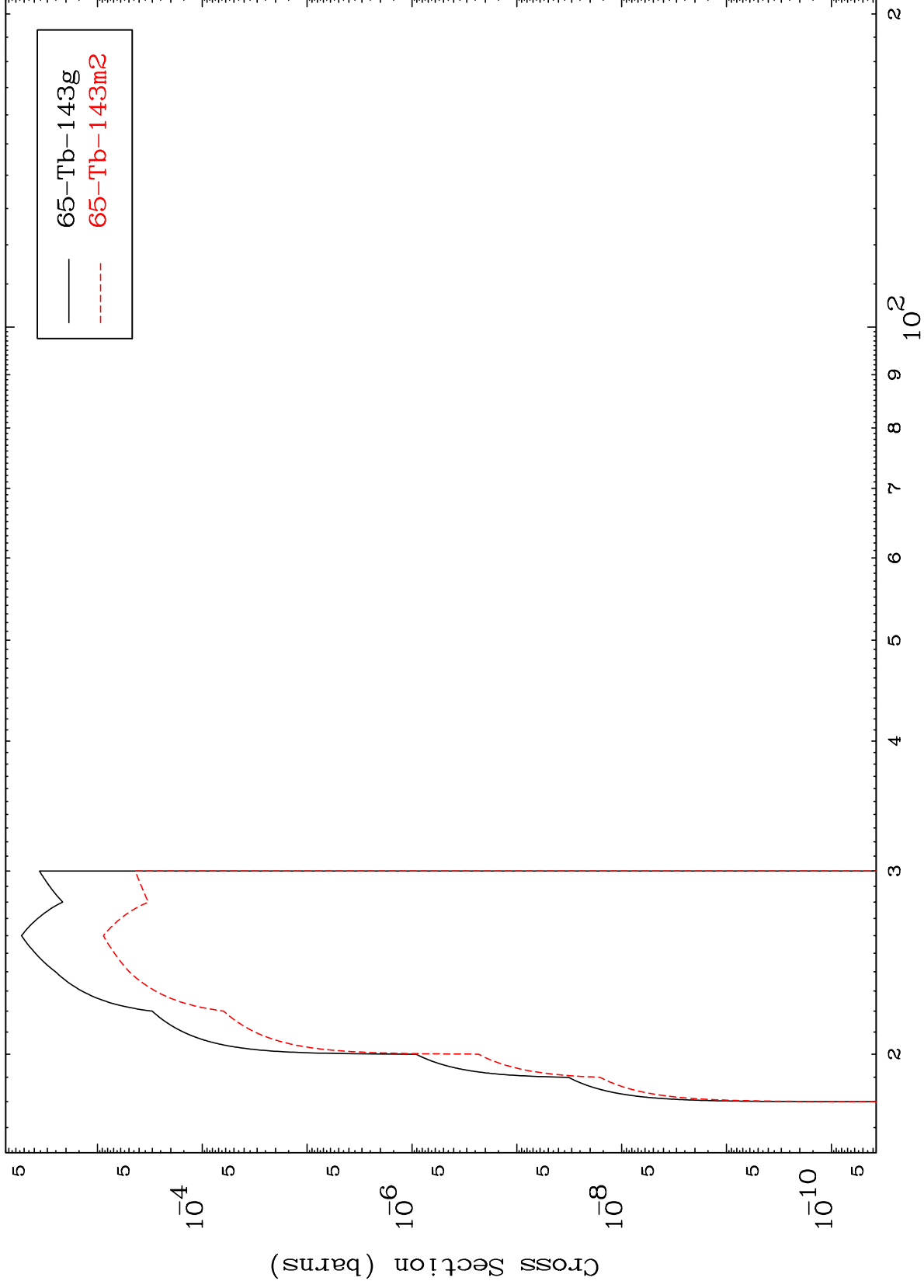
64-Gd-143

MAT 6398

(n,2n) p

64-Gd-143

Radionuclide Production Cross Section



18

Incident Energy (MeV)

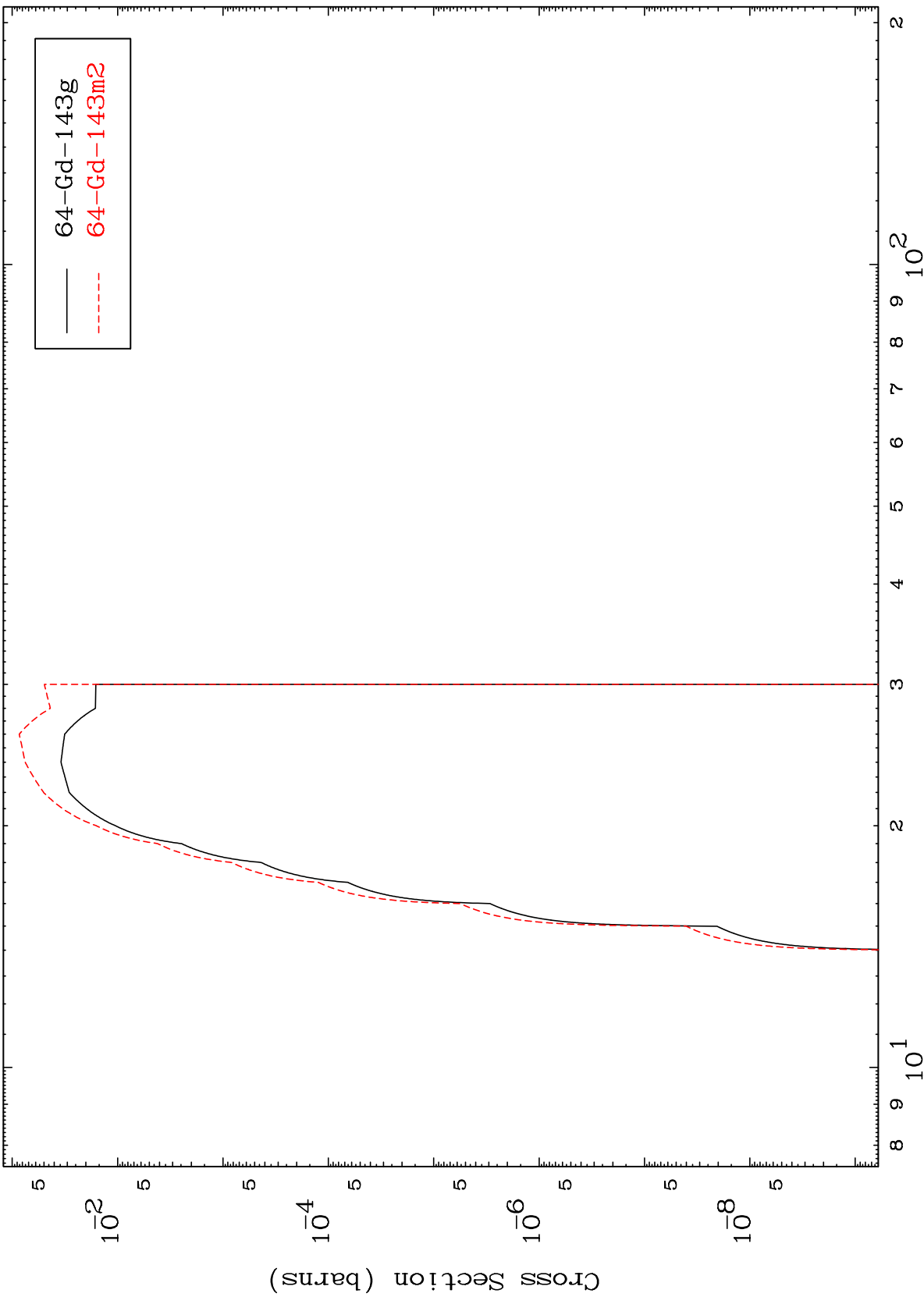
64-Gd-143

MAT 6398

(n,2n) p

64-Gd-143

Radionuclide Production Cross Section



19

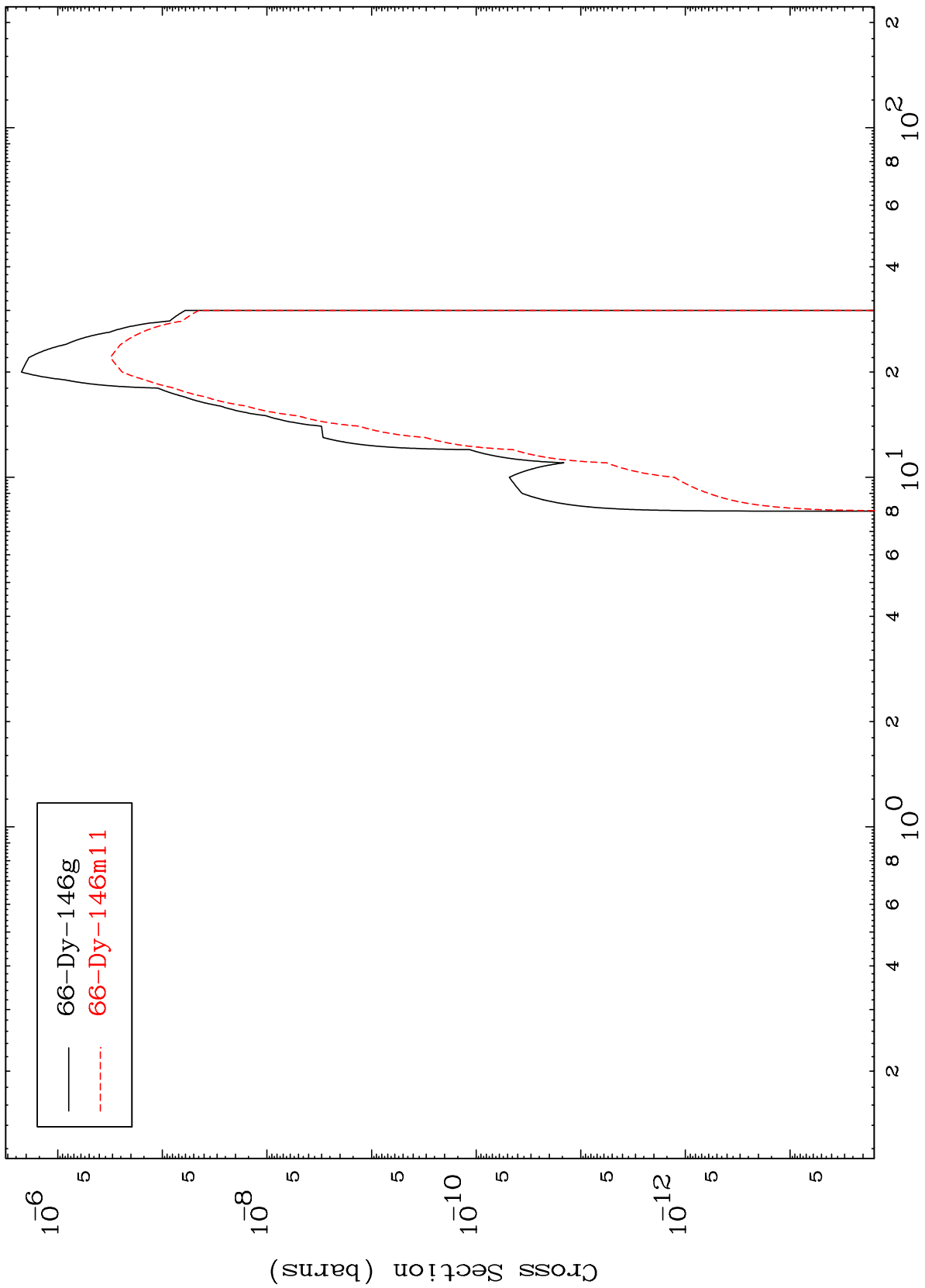
Incident Energy (MeV)

64-Gd-143

MAT 6398

64-Gd-143

(n, γ)
Radionuclide Production Cross Section

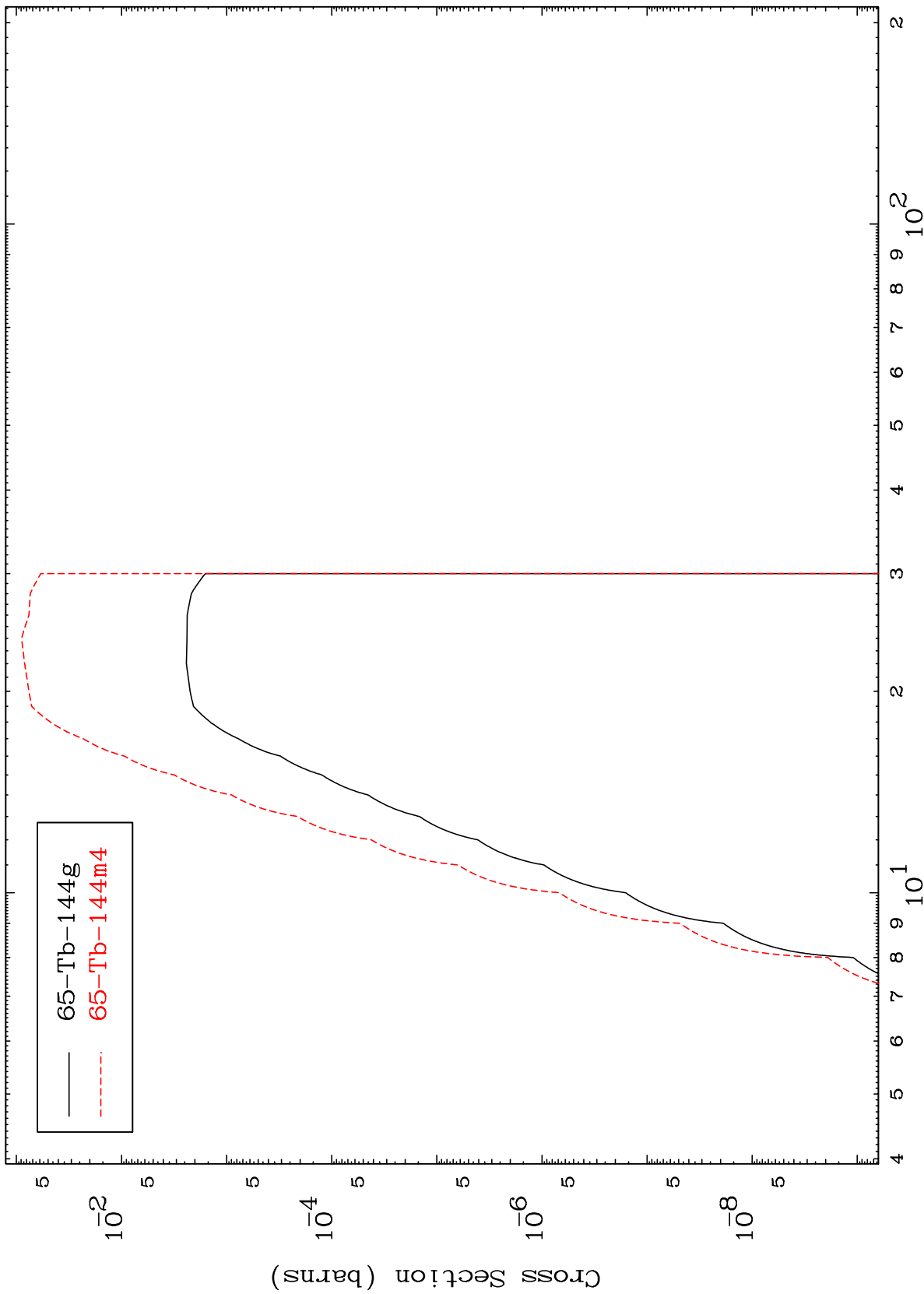


— 66-Dy-146g
- - - 66-Dy-146m11

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64-Gd-143

(n,d)
Radionuclide Production Cross Section



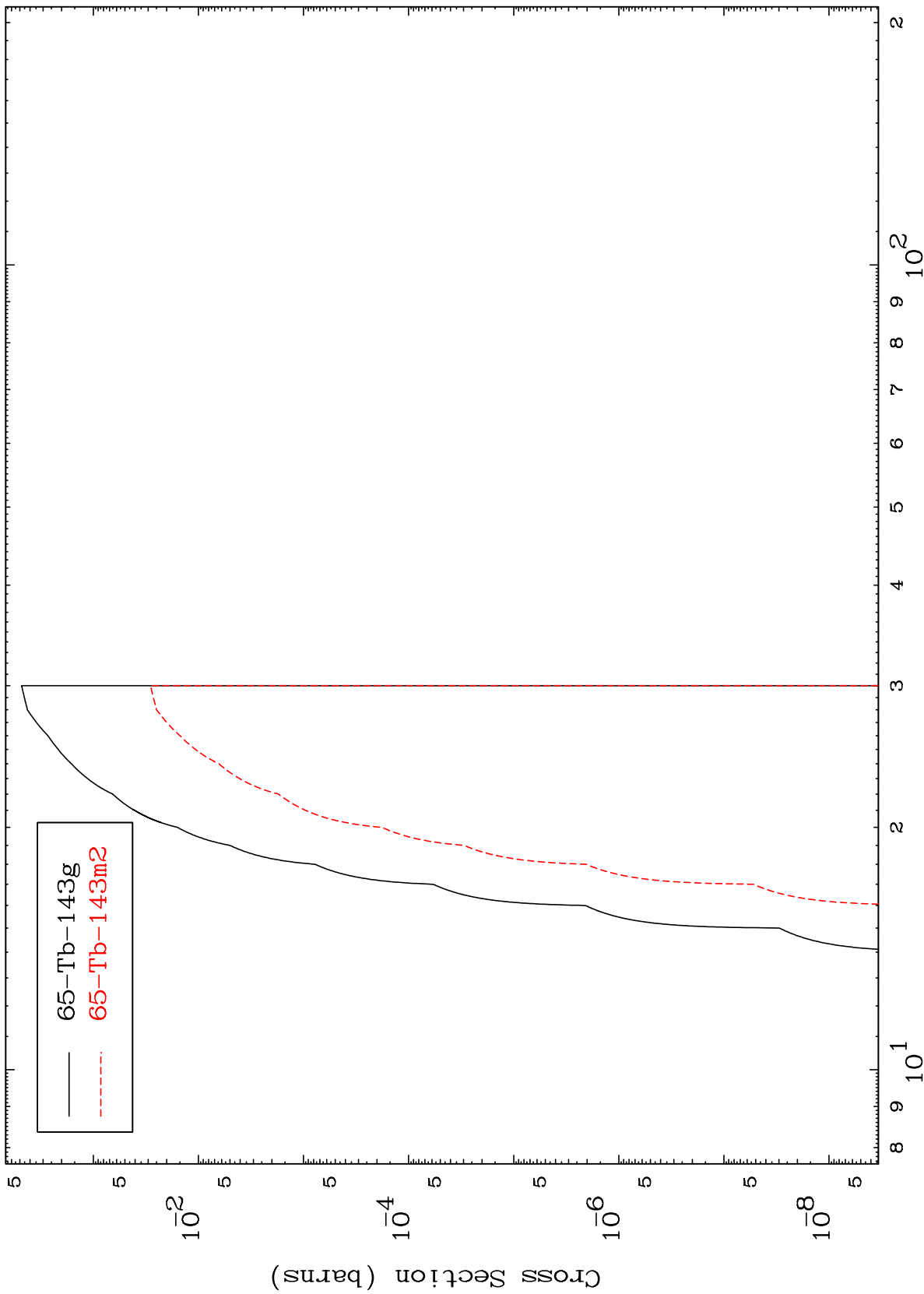
21

64-Gd-143

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64-Gd-143

(n,t)
Radionuclide Production Cross Section



64-Gd-143

Incident Energy (MeV)

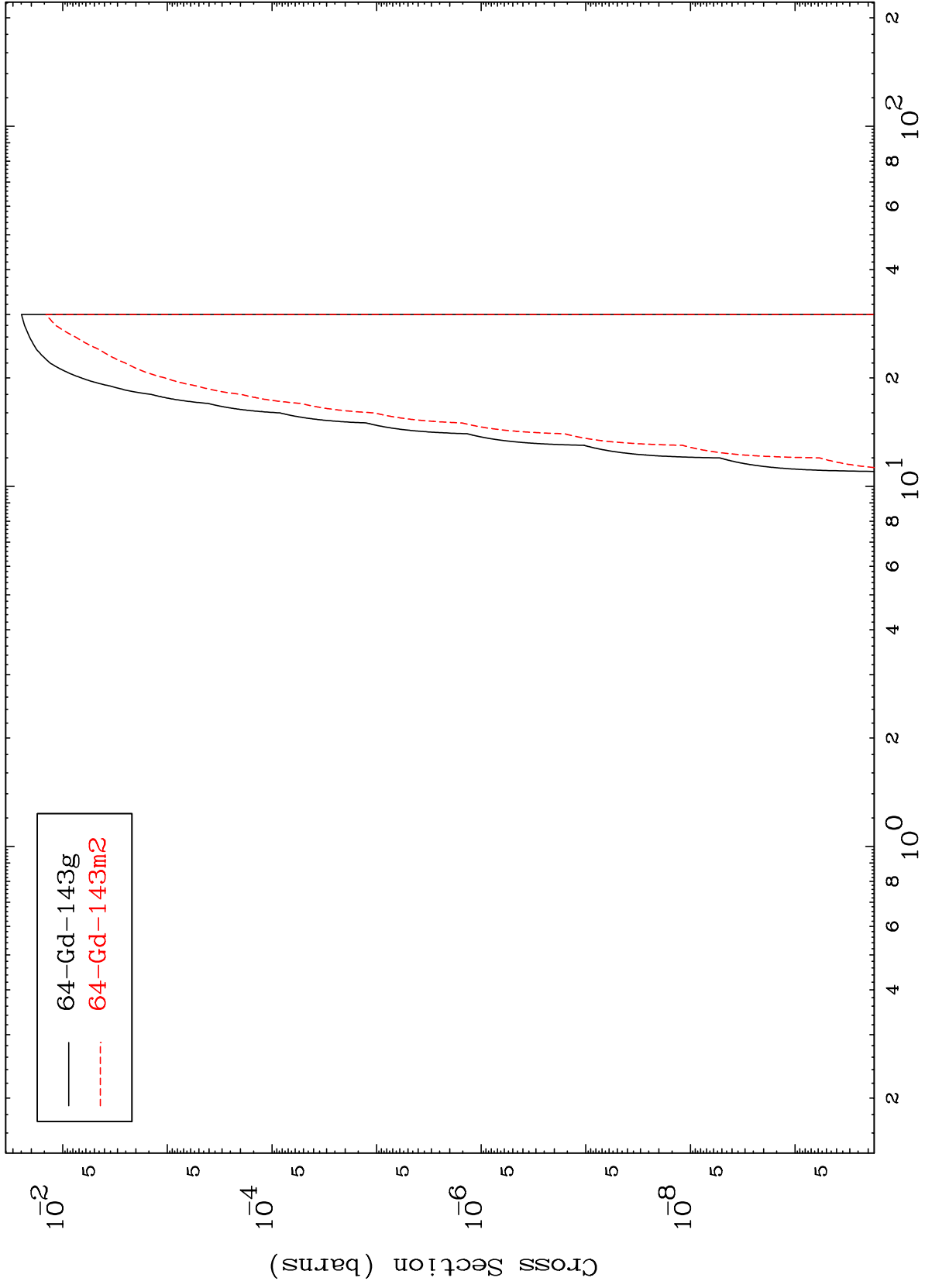
22

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(n,He-3)

64-Gd-143

Radionuclide Production Cross Section



23

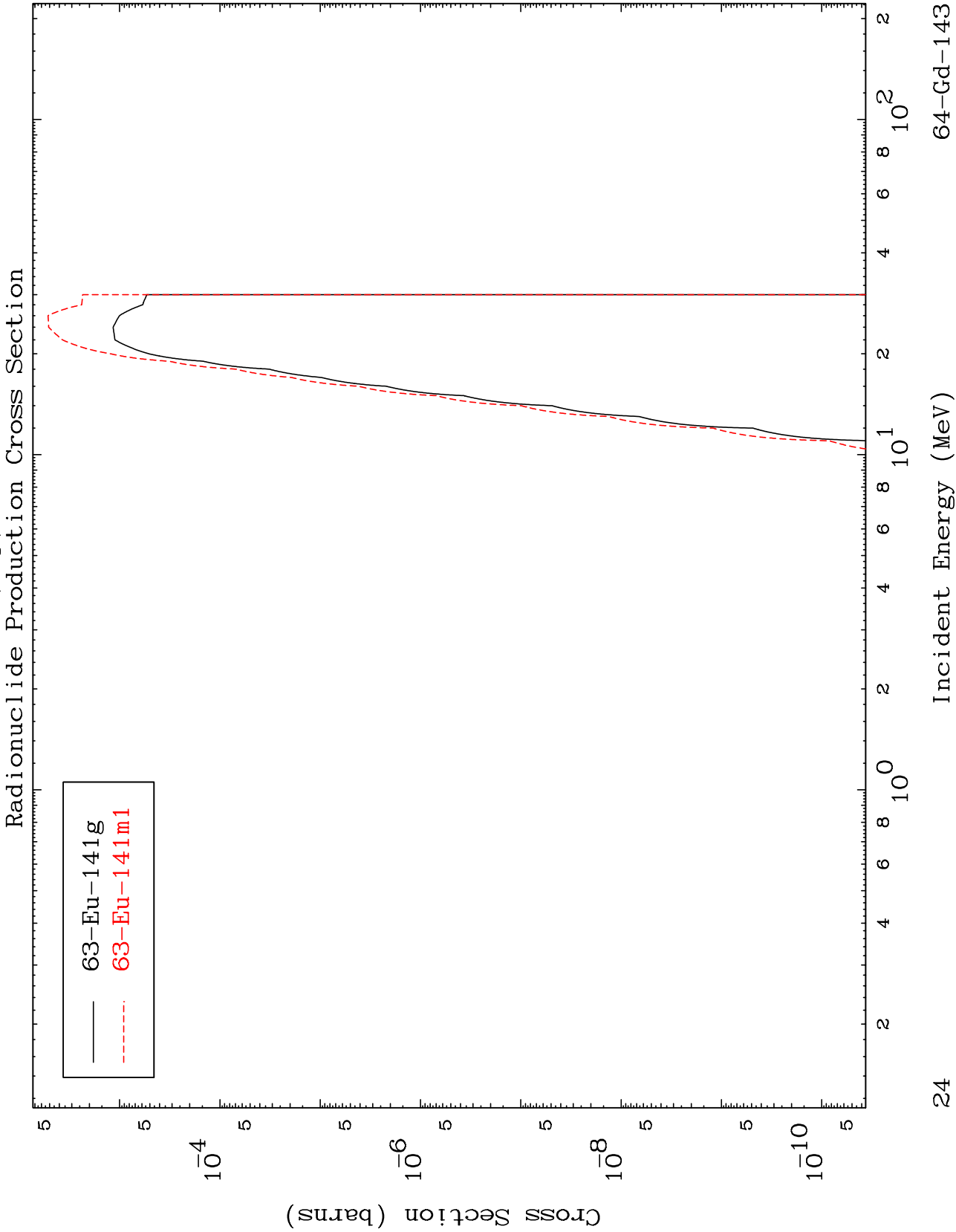
Incident Energy (MeV)

64-Gd-143

MAT 6398

(n,p) α

64-Gd-143

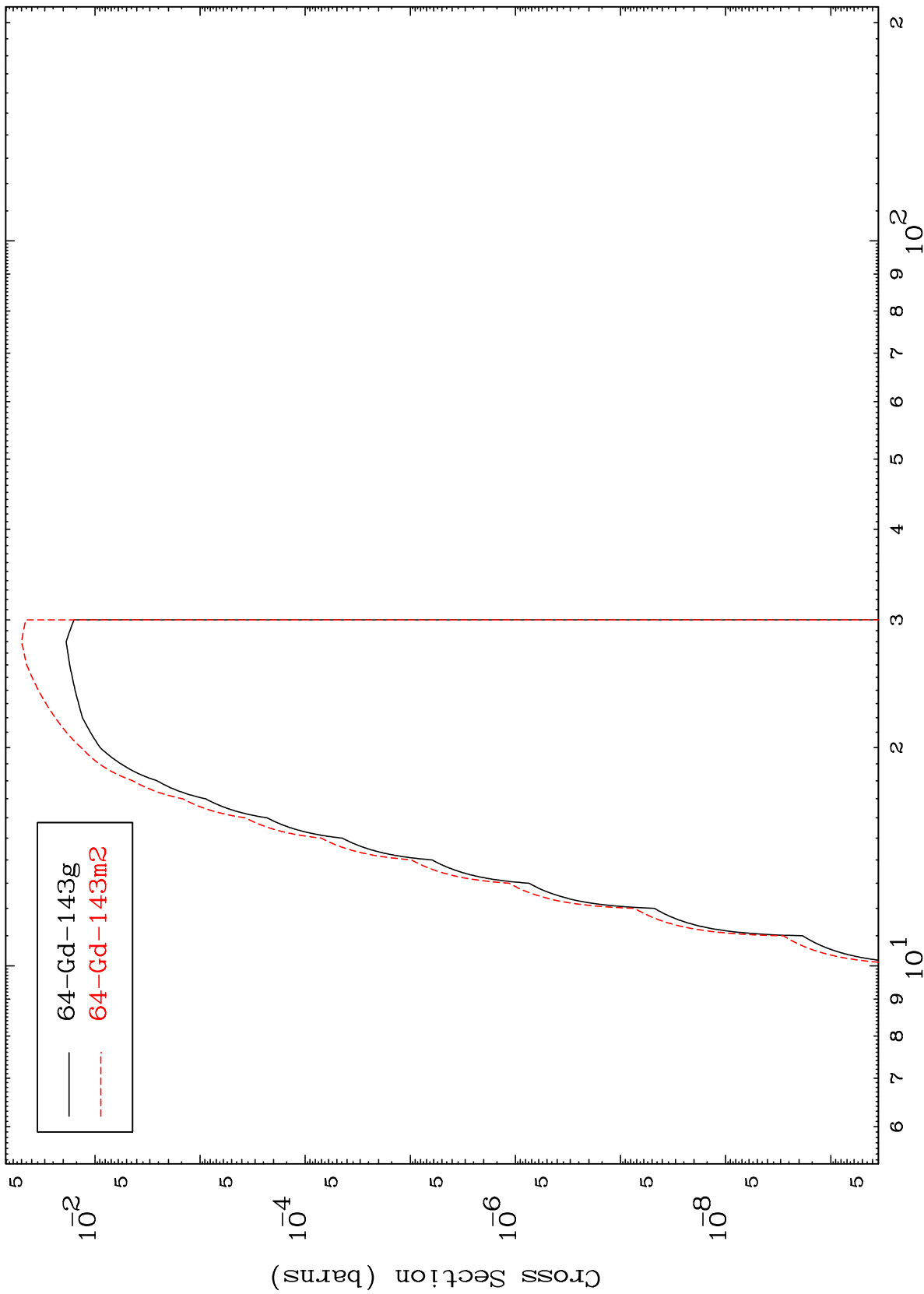


MAT 6398

(n,p) d

64-Gd-143

Radionuclide Production Cross Section



25

Incident Energy (MeV)

64-Gd-143