

Program EVALPLOT
(Version 2021-1)

by

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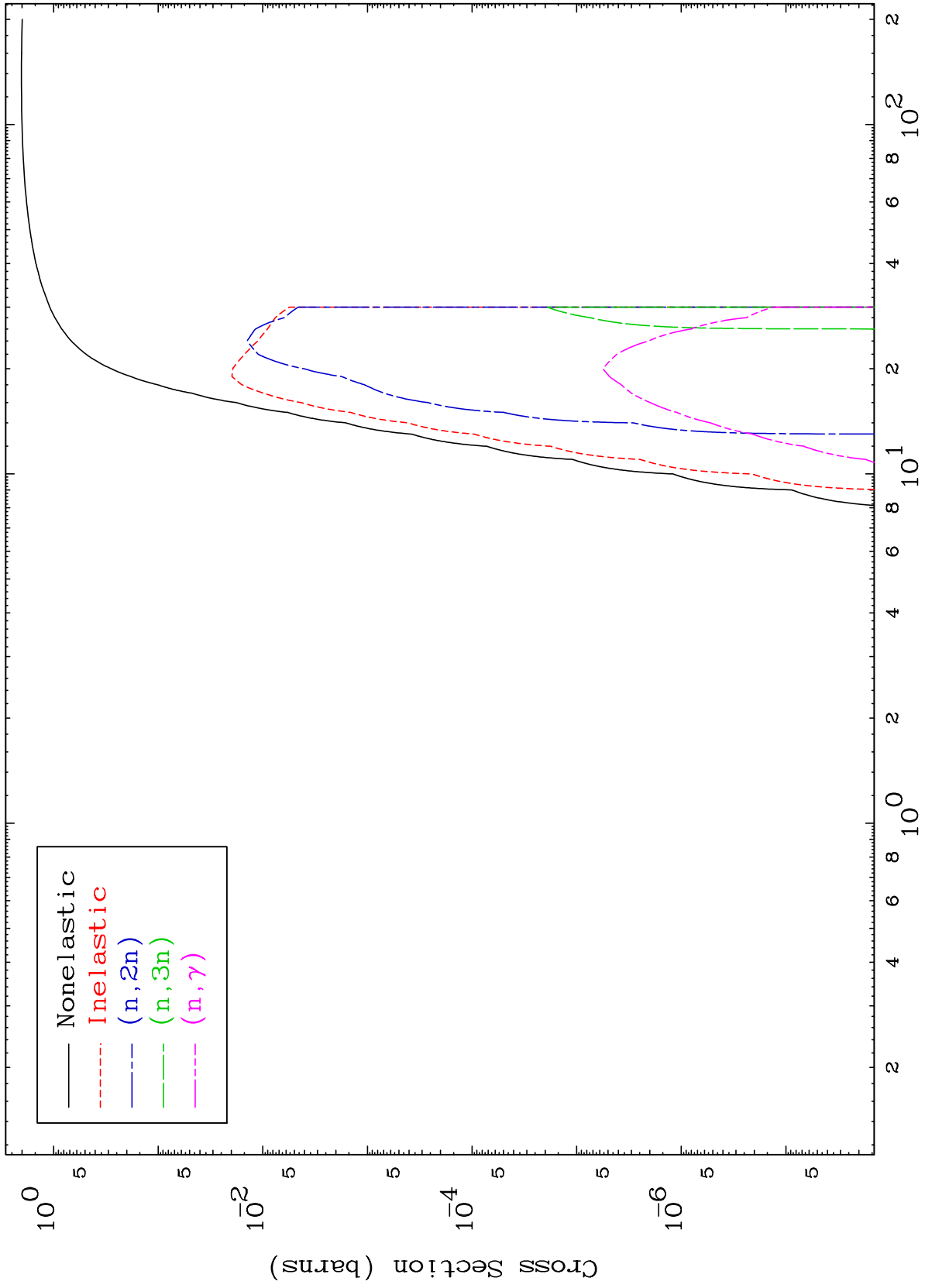
Press Mouse Button to Start

MAT 6399

He-3 Major

64-Gd-143m

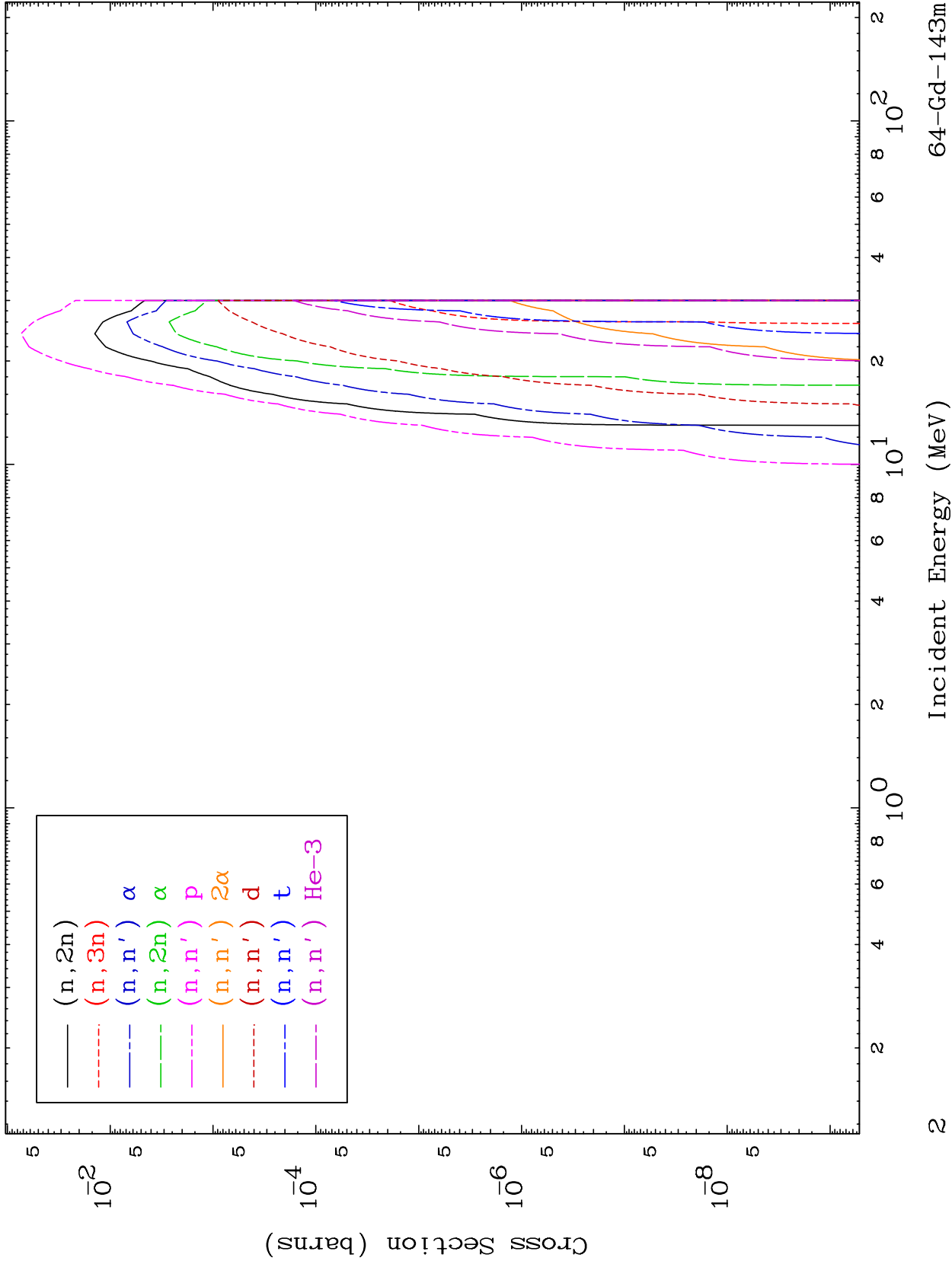
0 Kelvin Cross Sections



MAT 6399

He-3 Neutron Absorption
0 Kelvin Cross Sections

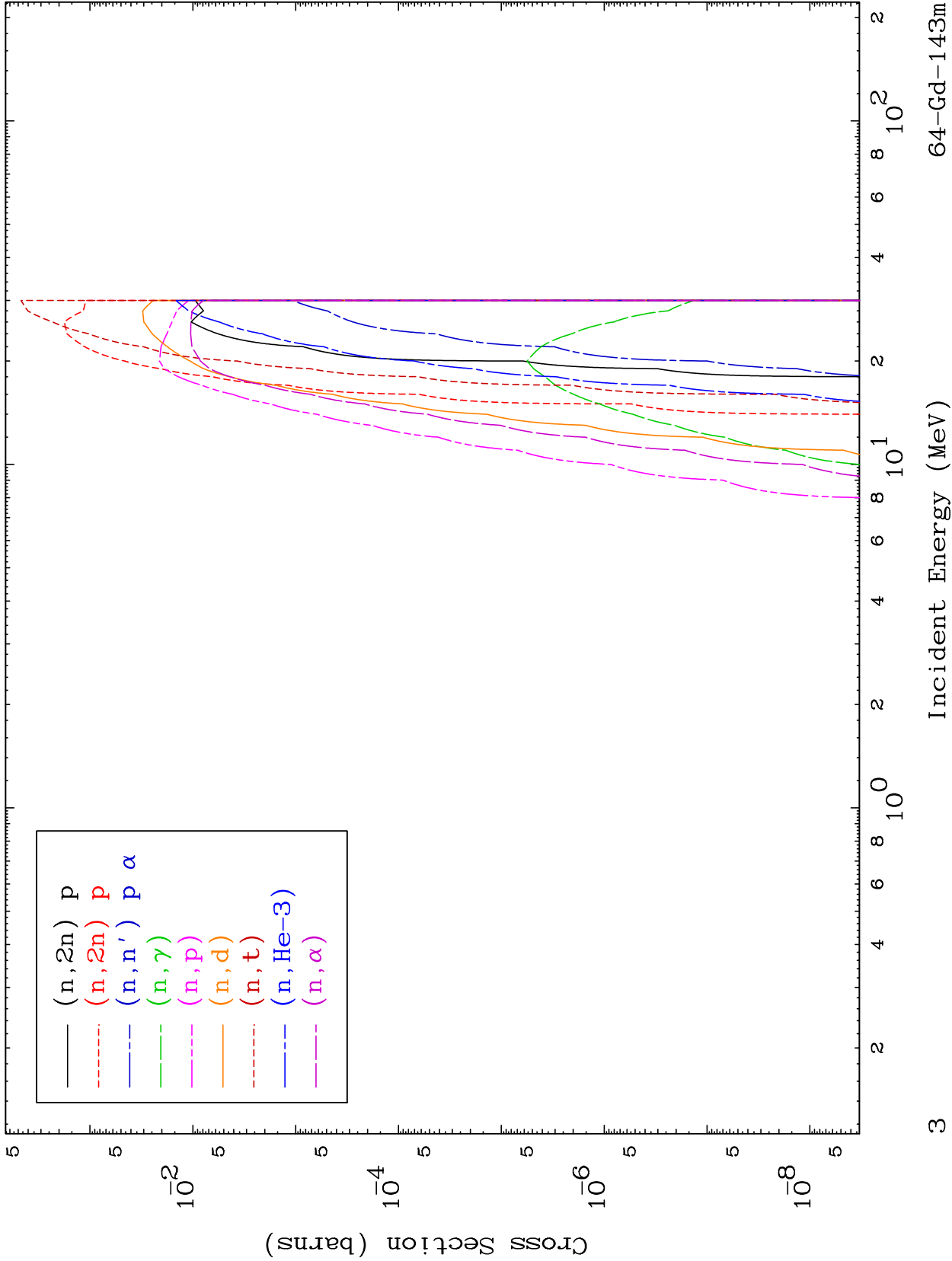
64-Gd-143m



MAT 6399

He-3 Neutron Absorption
0 Kelvin Cross Sections

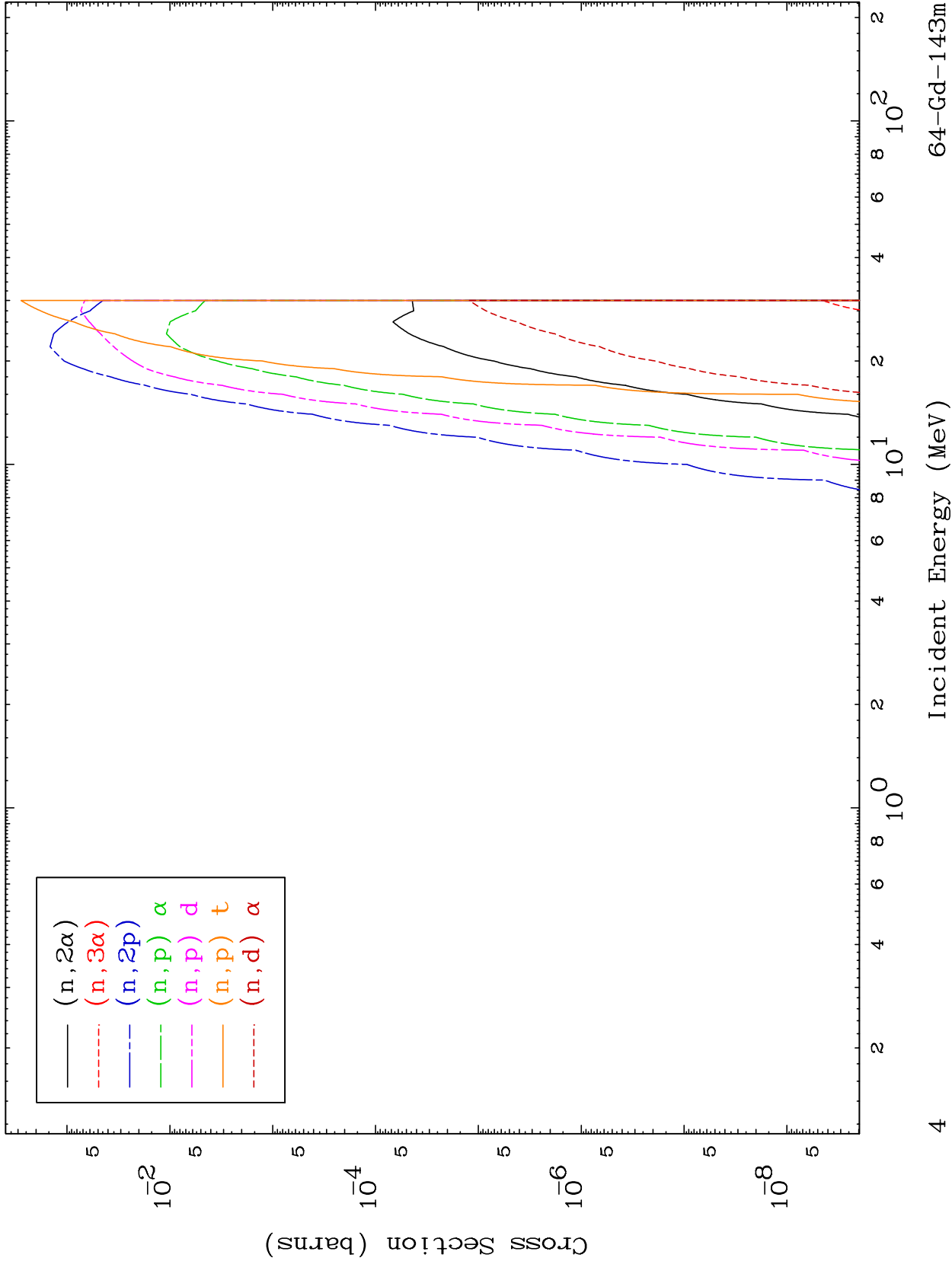
64-Gd-143m



MAT 6399

He-3 Neutron Absorption
0 Kelvin Cross Sections

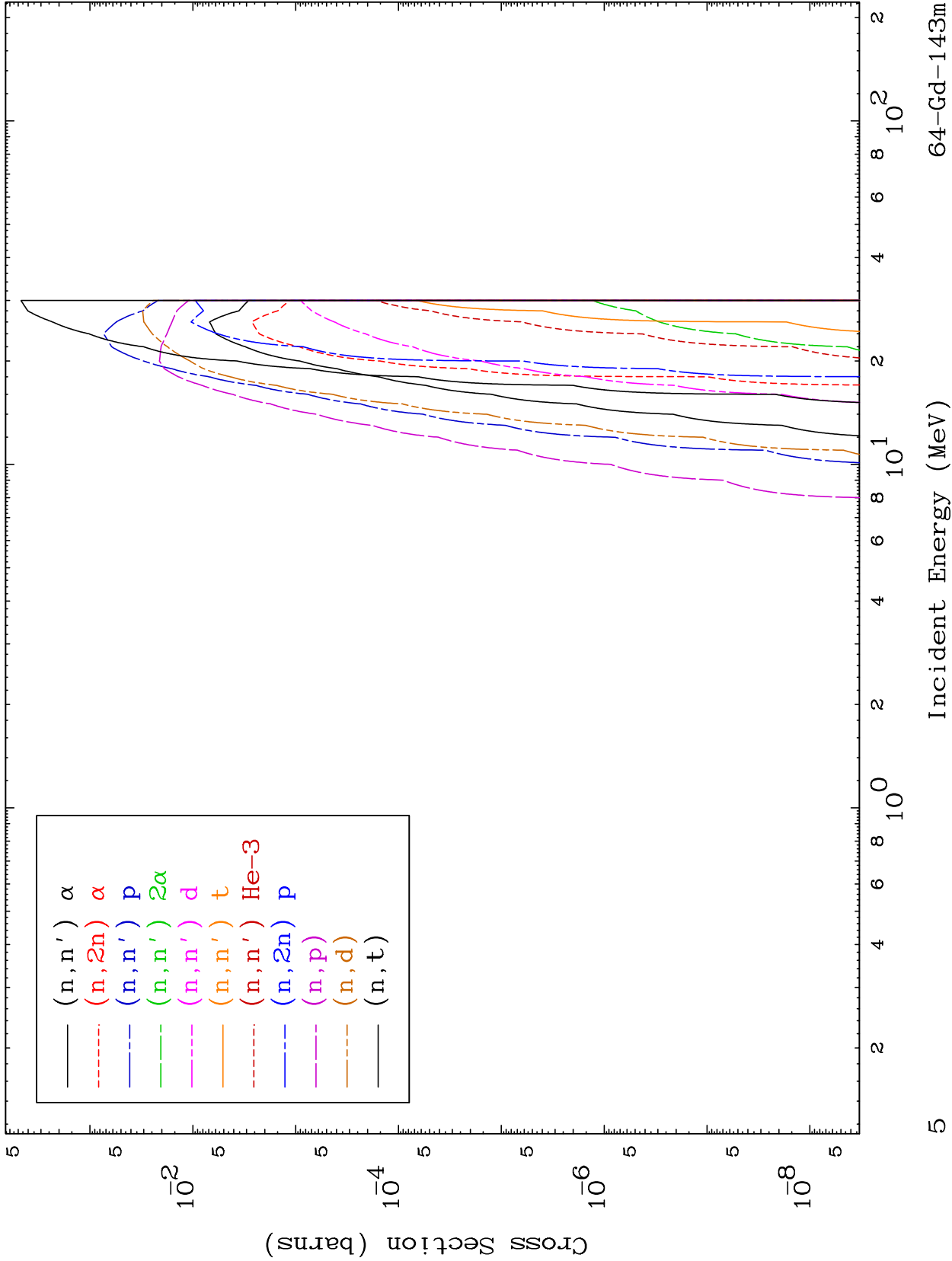
64-Gd-143m



MAT 6399

He-3 Charged Particle
0 Kelvin Cross Sections

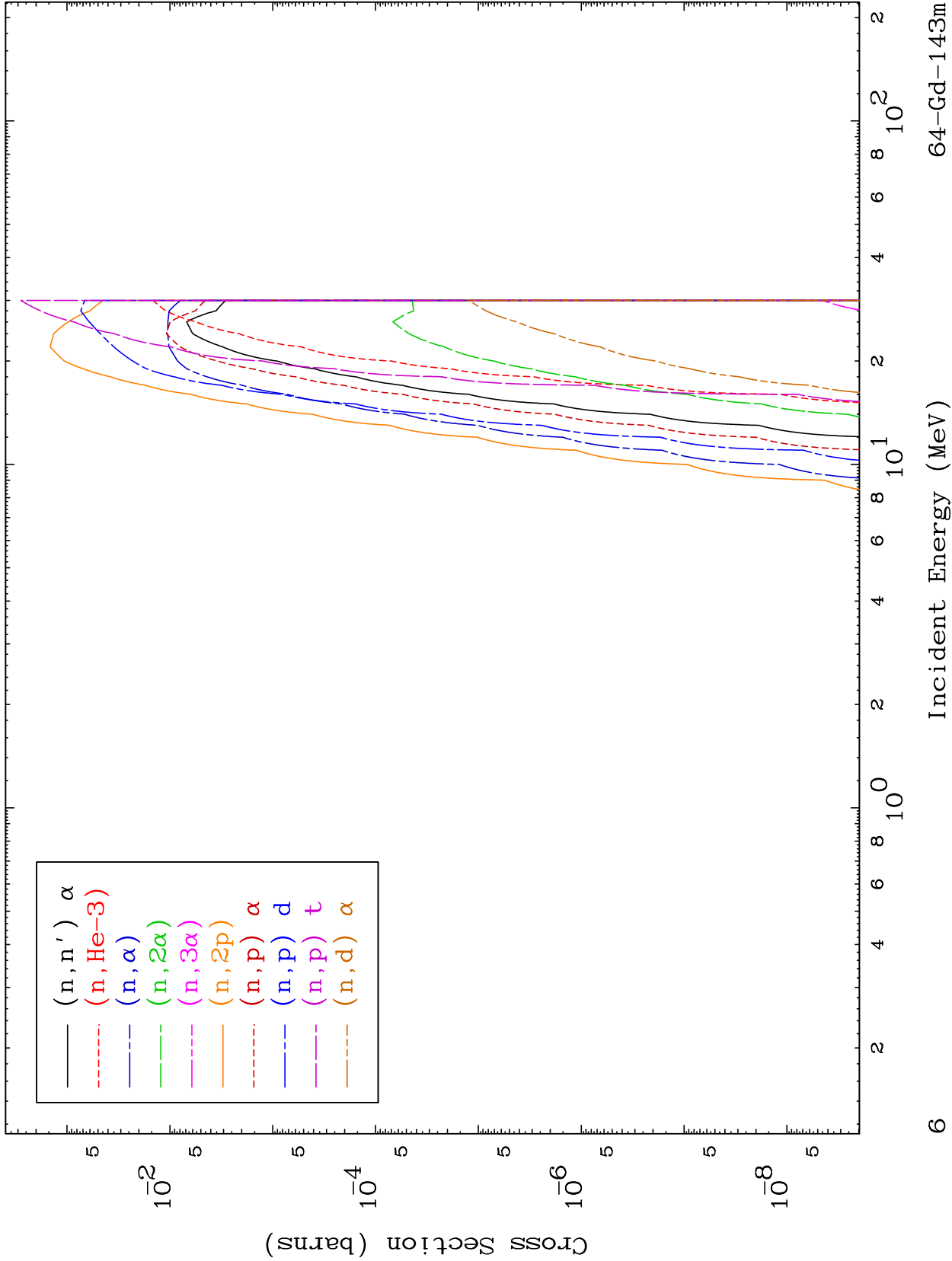
64-Gd-143m



MAT 6399

He-3 Charged Particle
0 Kelvin Cross Sections

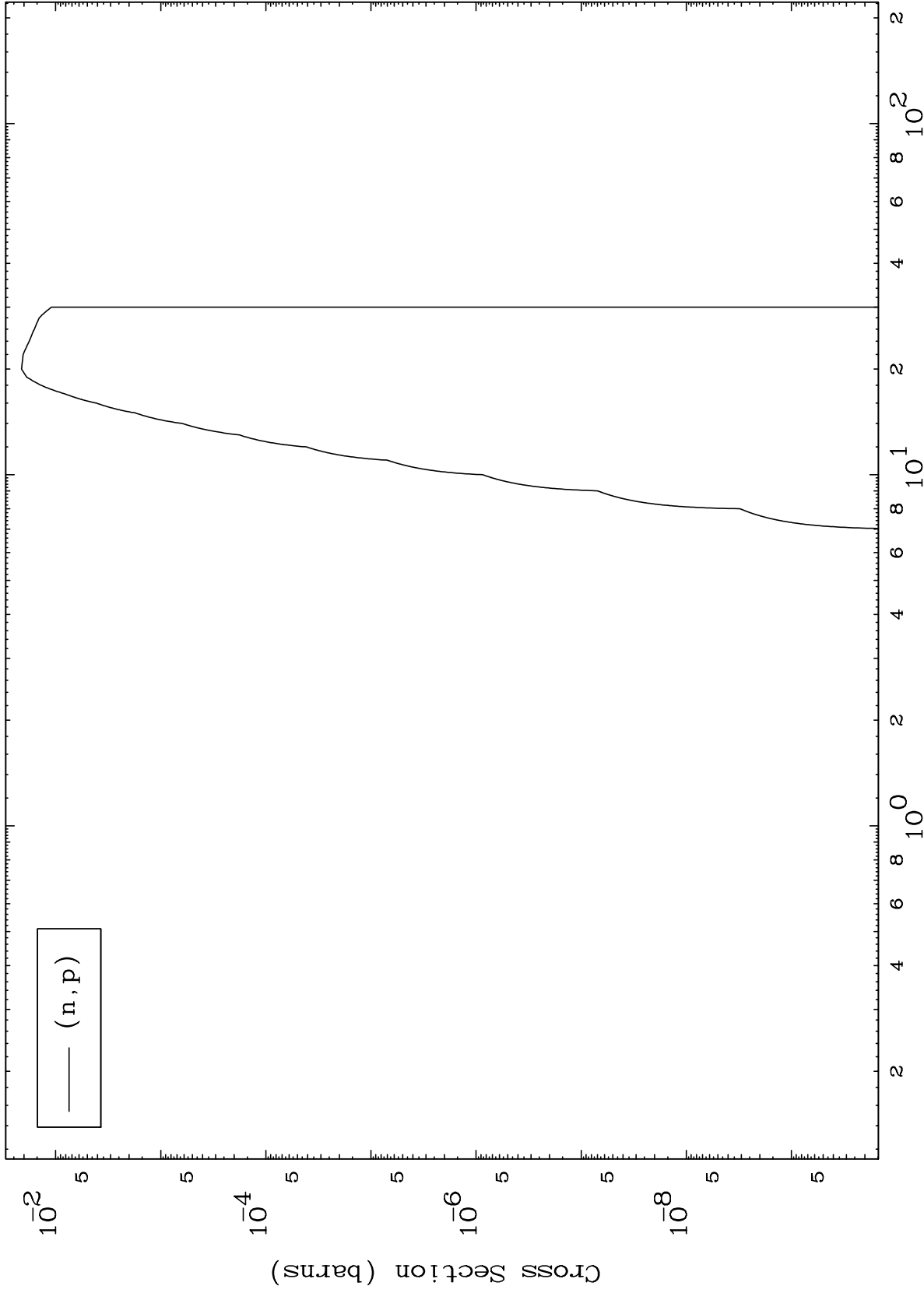
64-Gd-143m



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(He-3,p) Levels
0 Kelvin Cross Sections

64-Gd-143m

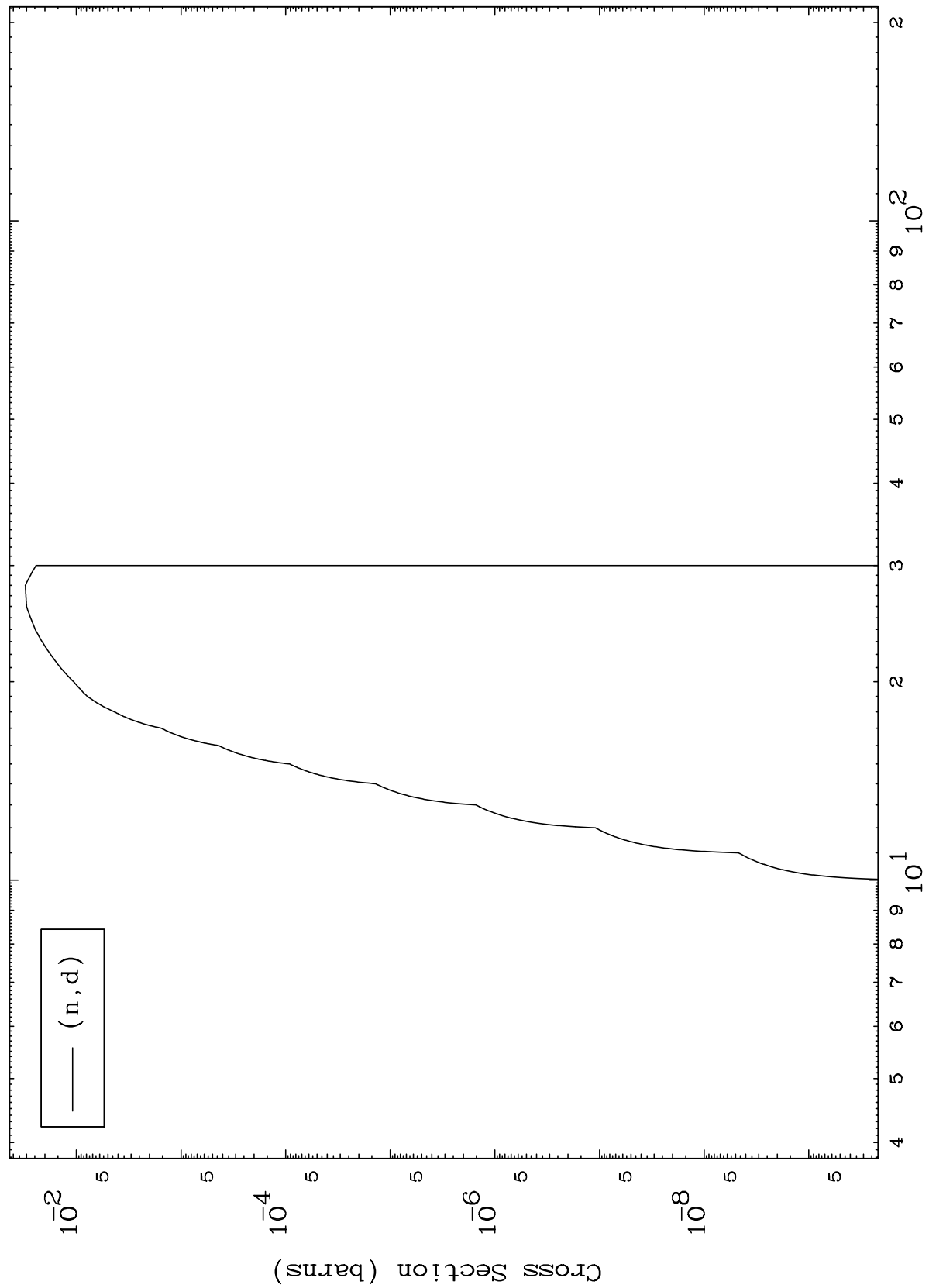


MAT 6399

(He-3,d) Levels

64-Gd-143m

0 Kelvin Cross Sections



64-Gd-143m

Incident Energy (MeV)

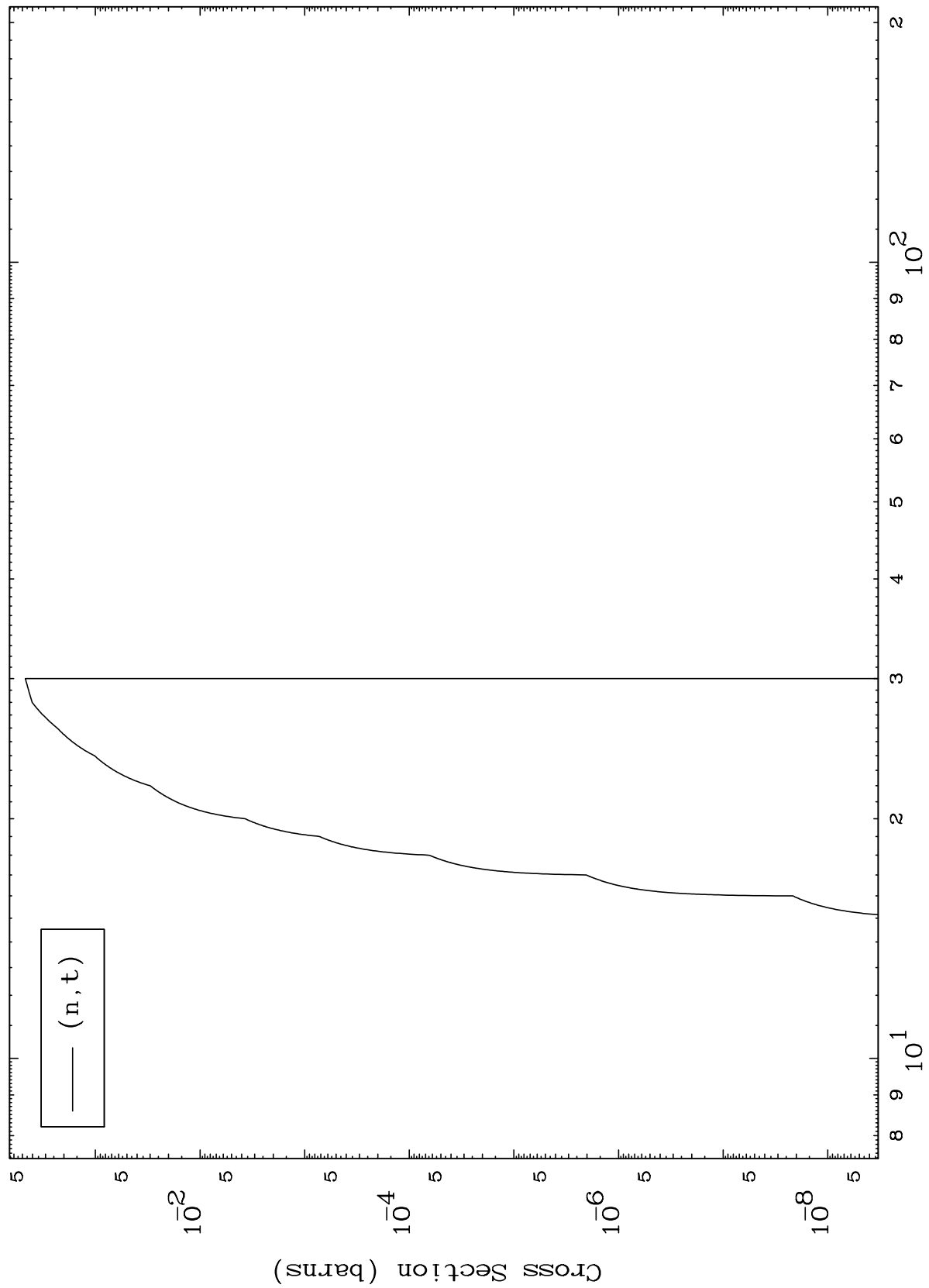
8

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(He-3,t) Levels

64-Gd-143m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

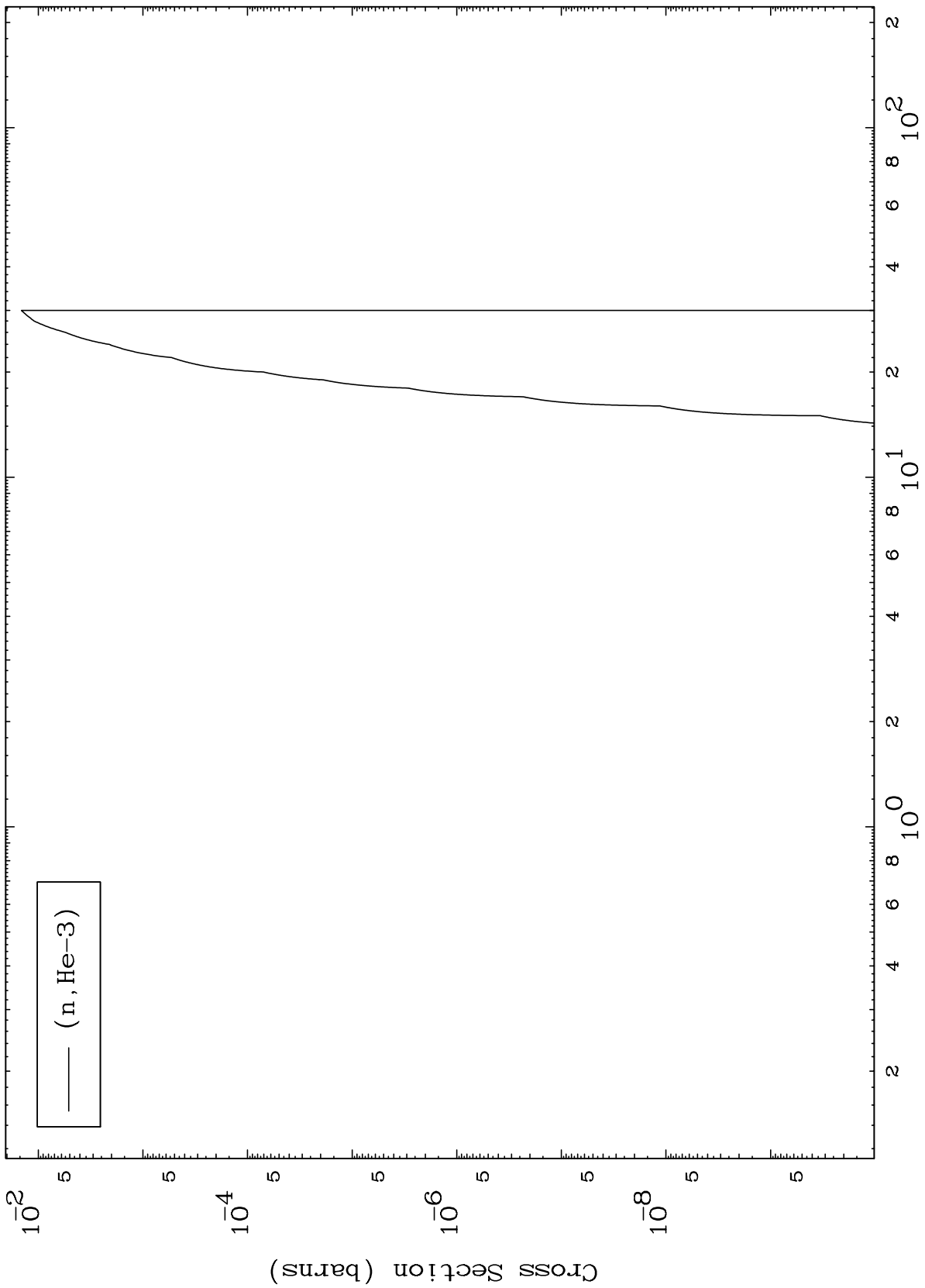
64-Gd-143m

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(He-3, He3) Levels

64-Gd-143m

0 Kelvin Cross Sections



10

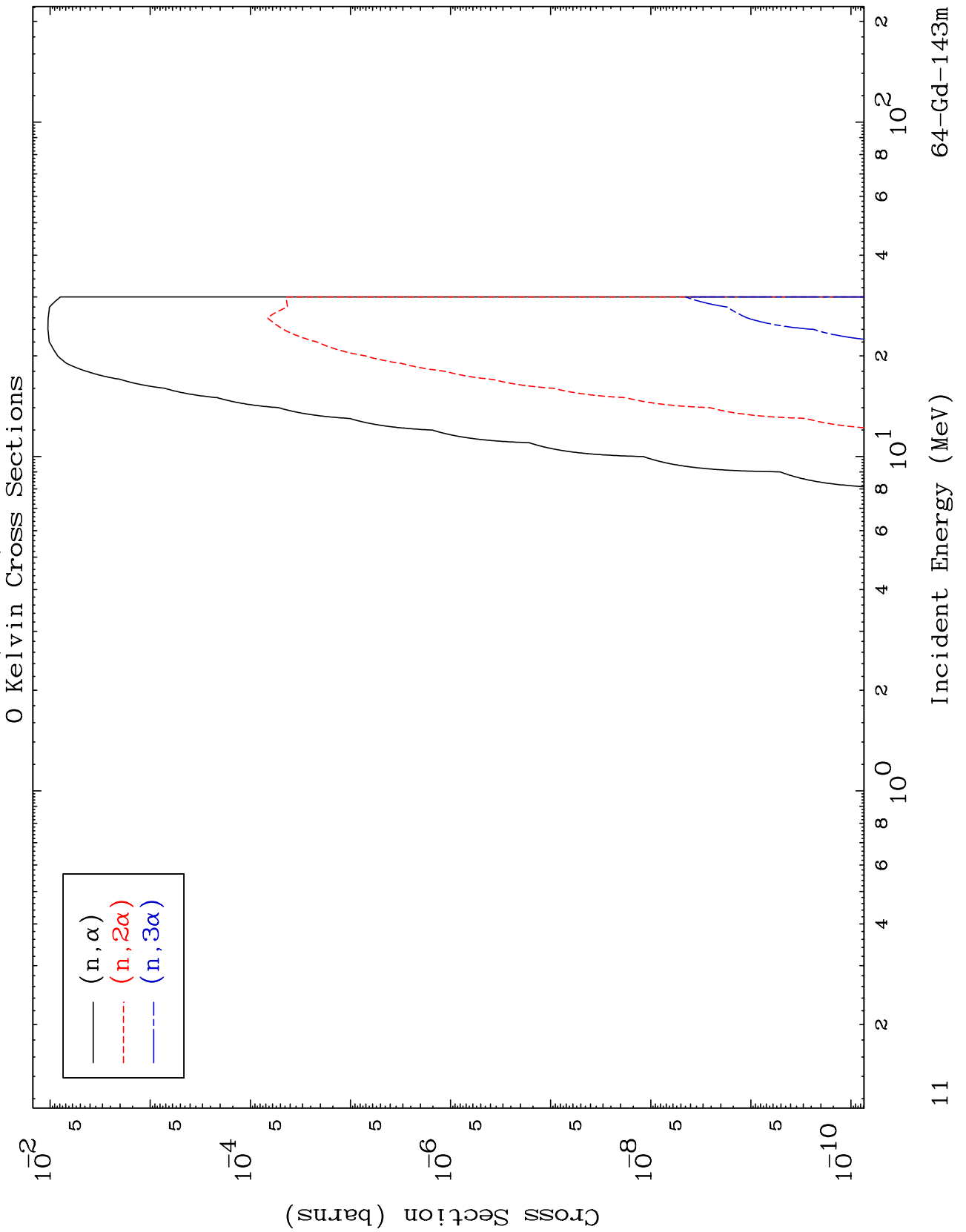
Incident Energy (MeV)

64-Gd-143m

MAT 6399

(He-3, α) Levels

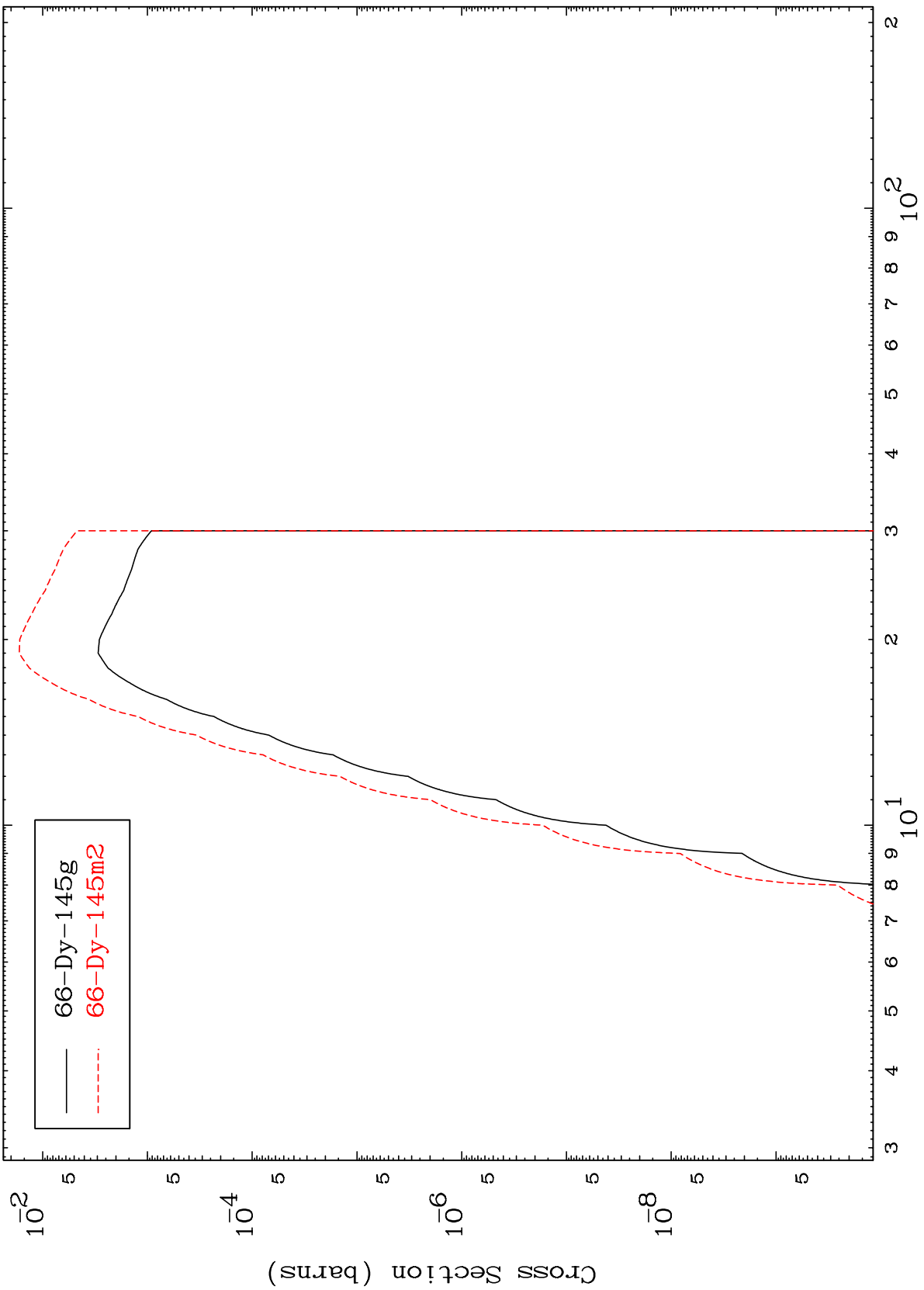
64-Gd-143m



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64-Gd-143m

Radionuclide Production Cross Section



66-Dy-145g
66-Dy-145m2

64-Gd-143m

Incident Energy (MeV)

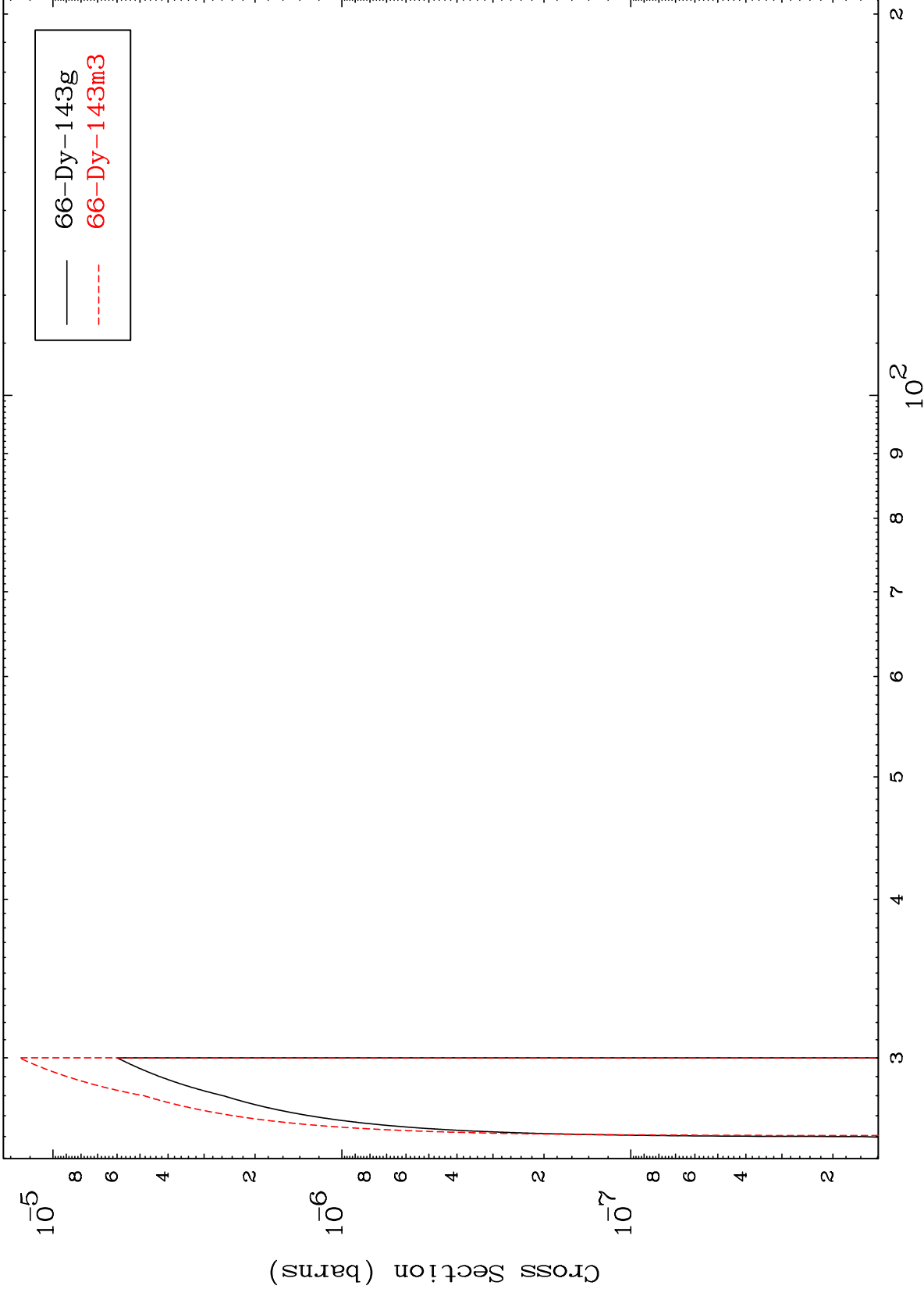
12

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(n,3n)

64-Gd-143m

Radionuclide Production Cross Section



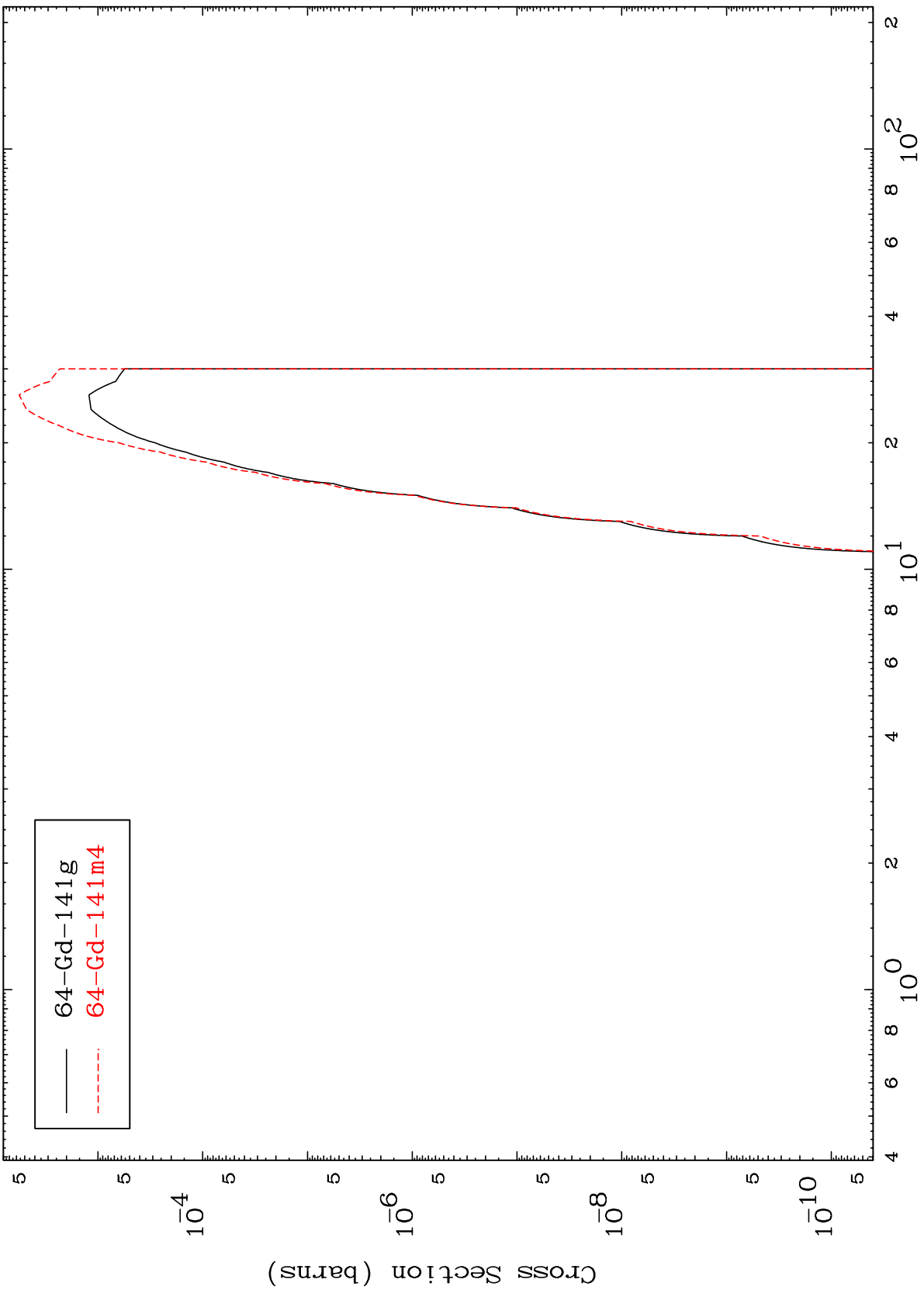
66-Dy-143g
66-Dy-143m3

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$(n, n') \alpha$

64-Gd-143m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

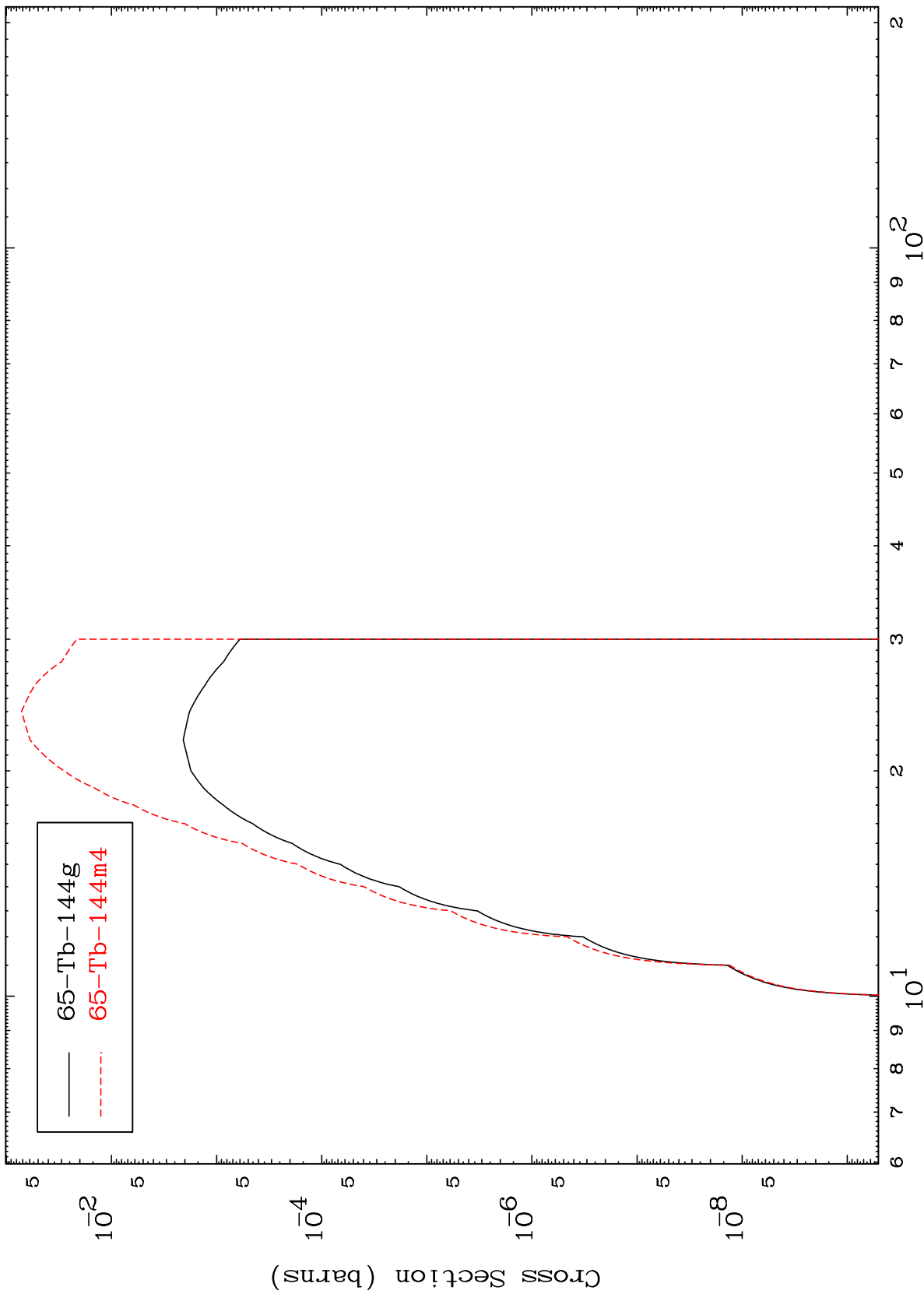
64-Gd-143m

MAT 6399

(n,n') p

64-Gd-143m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

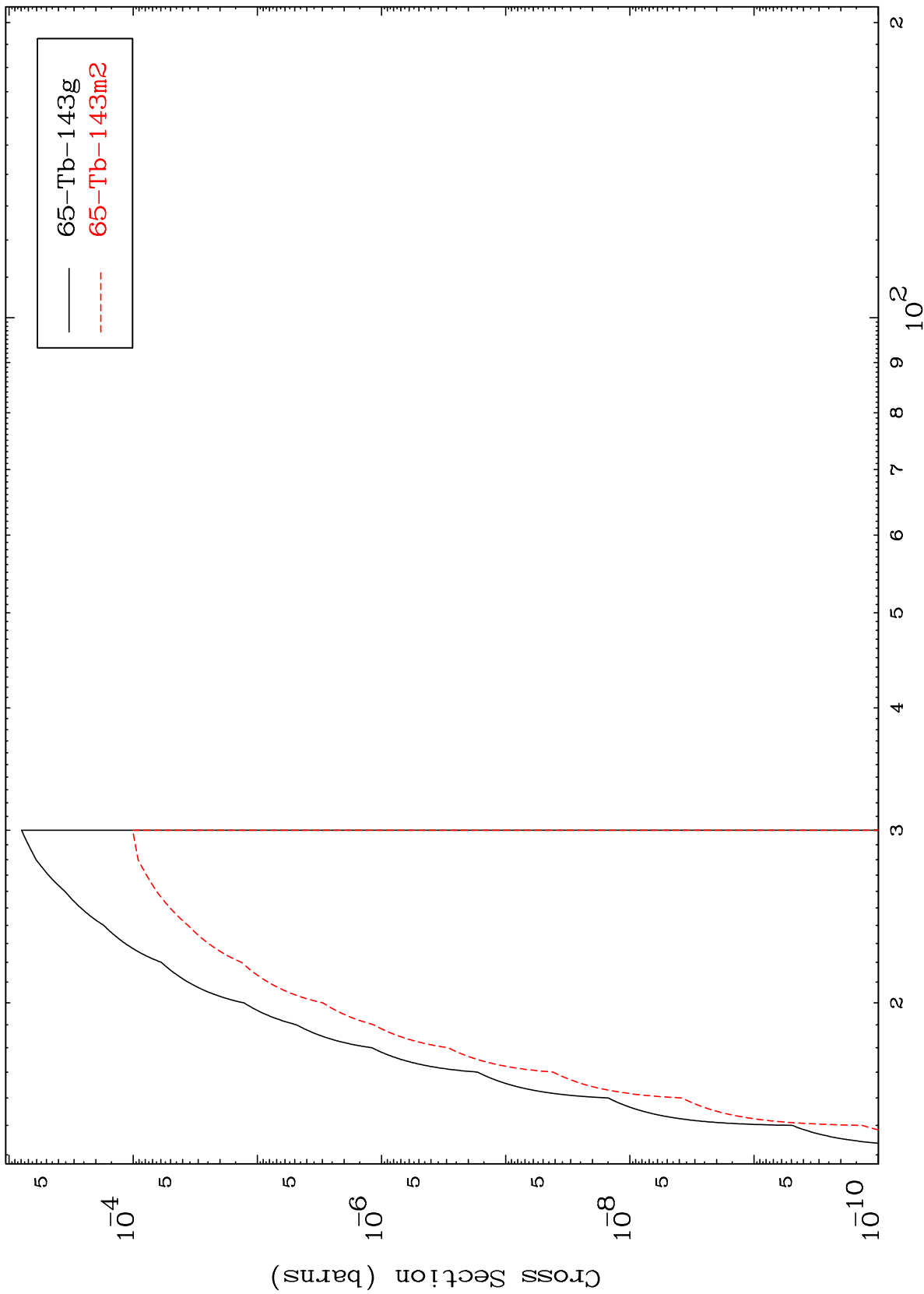
64-Gd-143m

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(n,n') d

64-Gd-143m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

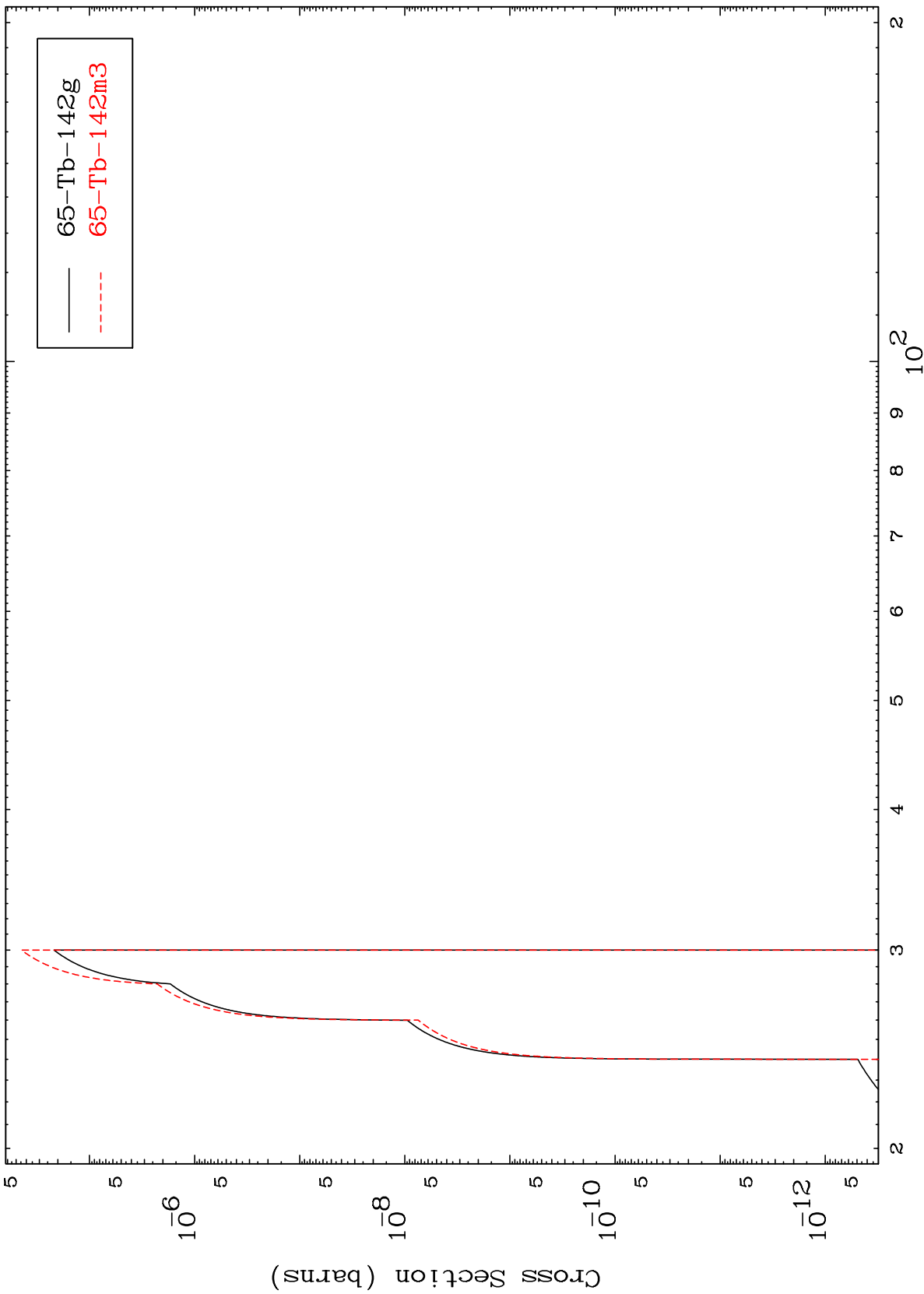
64-Gd-143m

MAT 6399

(n,n') t

64-Gd-143m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

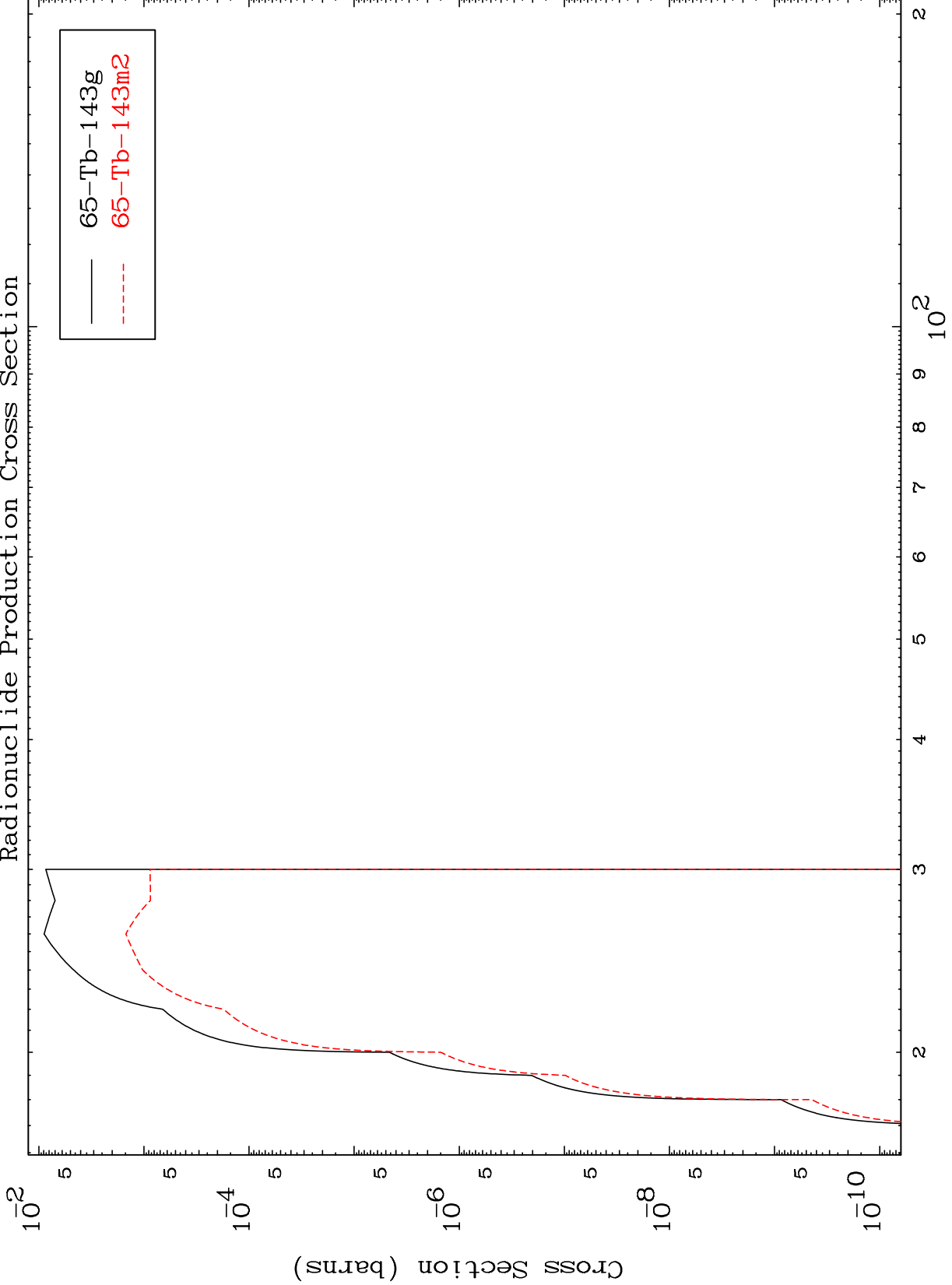
64-Gd-143m

MAT 6399

(n,2n) p

64-Gd-143m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

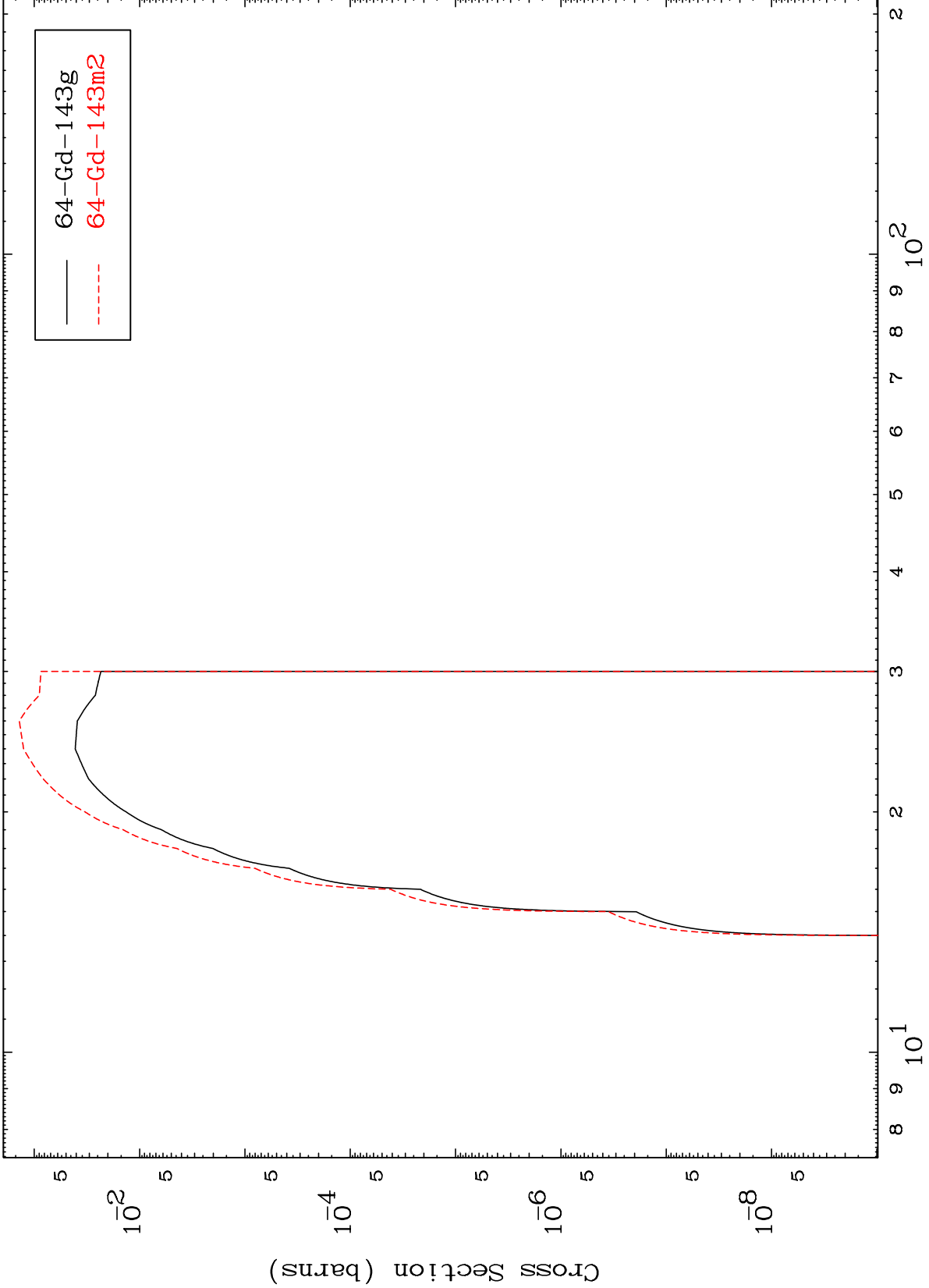
64-Gd-143m

MAT 6399

(n,2n) p

64-Gd-143m

Radionuclide Production Cross Section



19

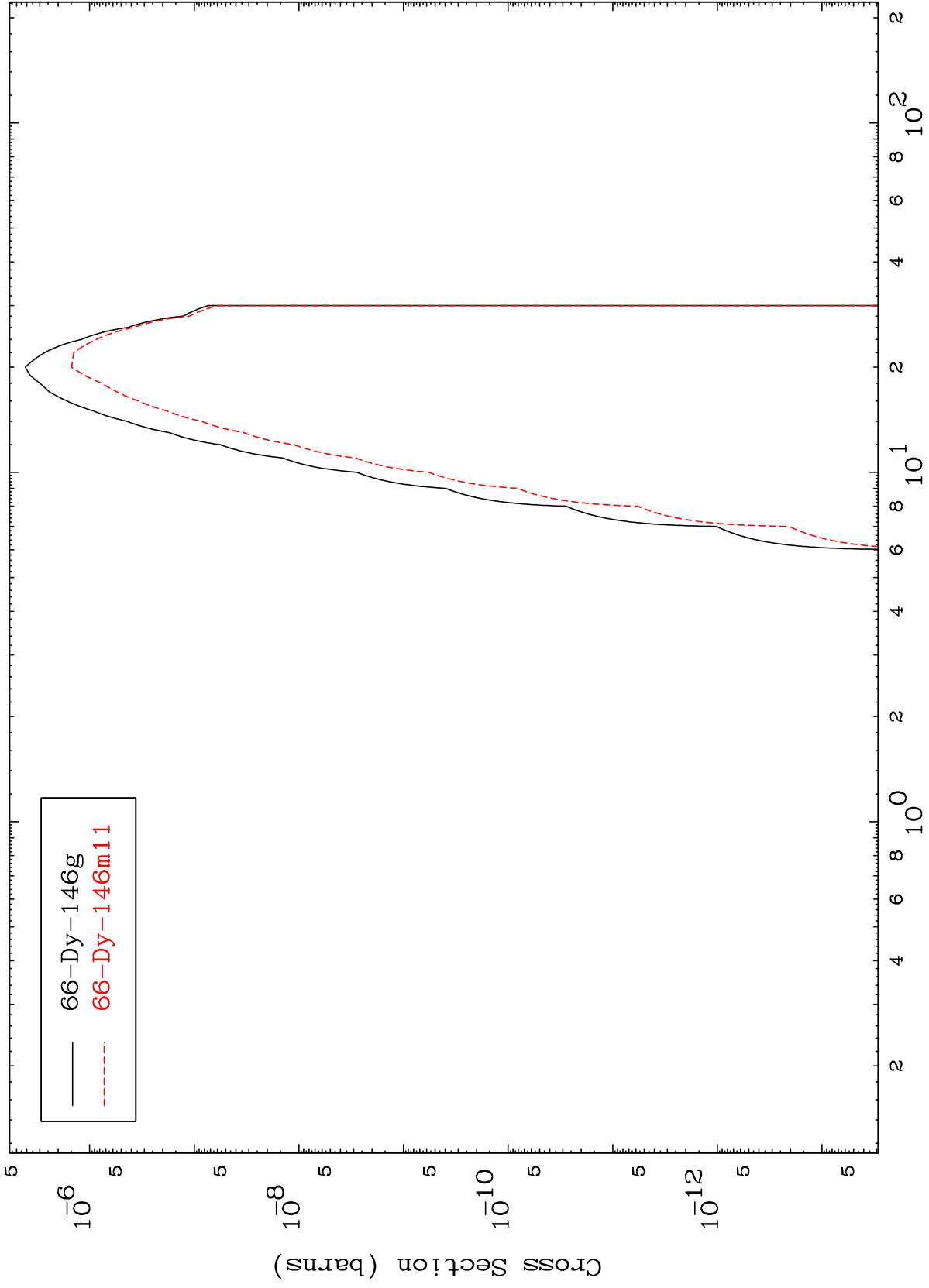
Incident Energy (MeV)

64-Gd-143m

MAT 6399

64-Gd-143m

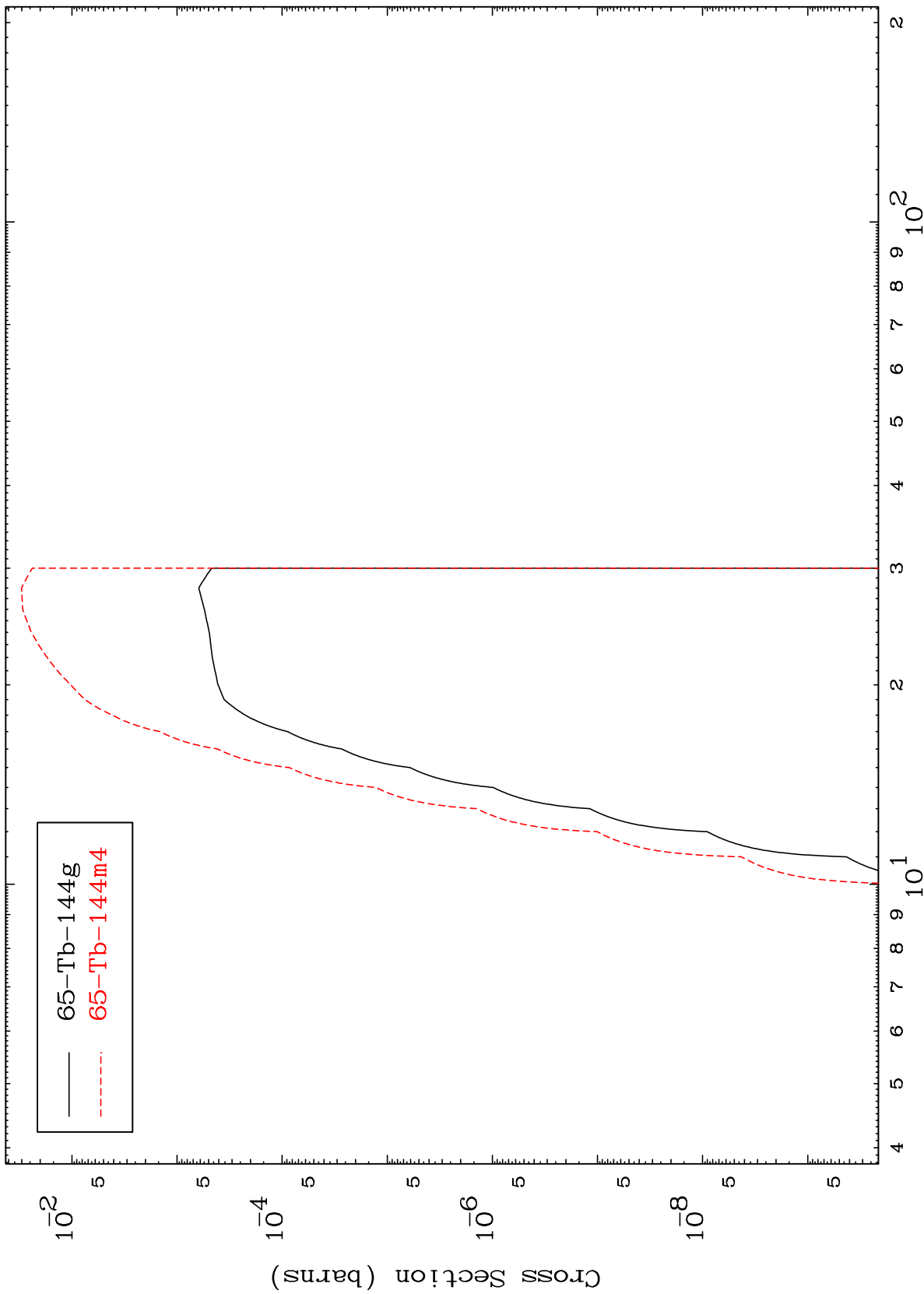
(n, γ)
Radionuclide Production Cross Section



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64-Gd-143m

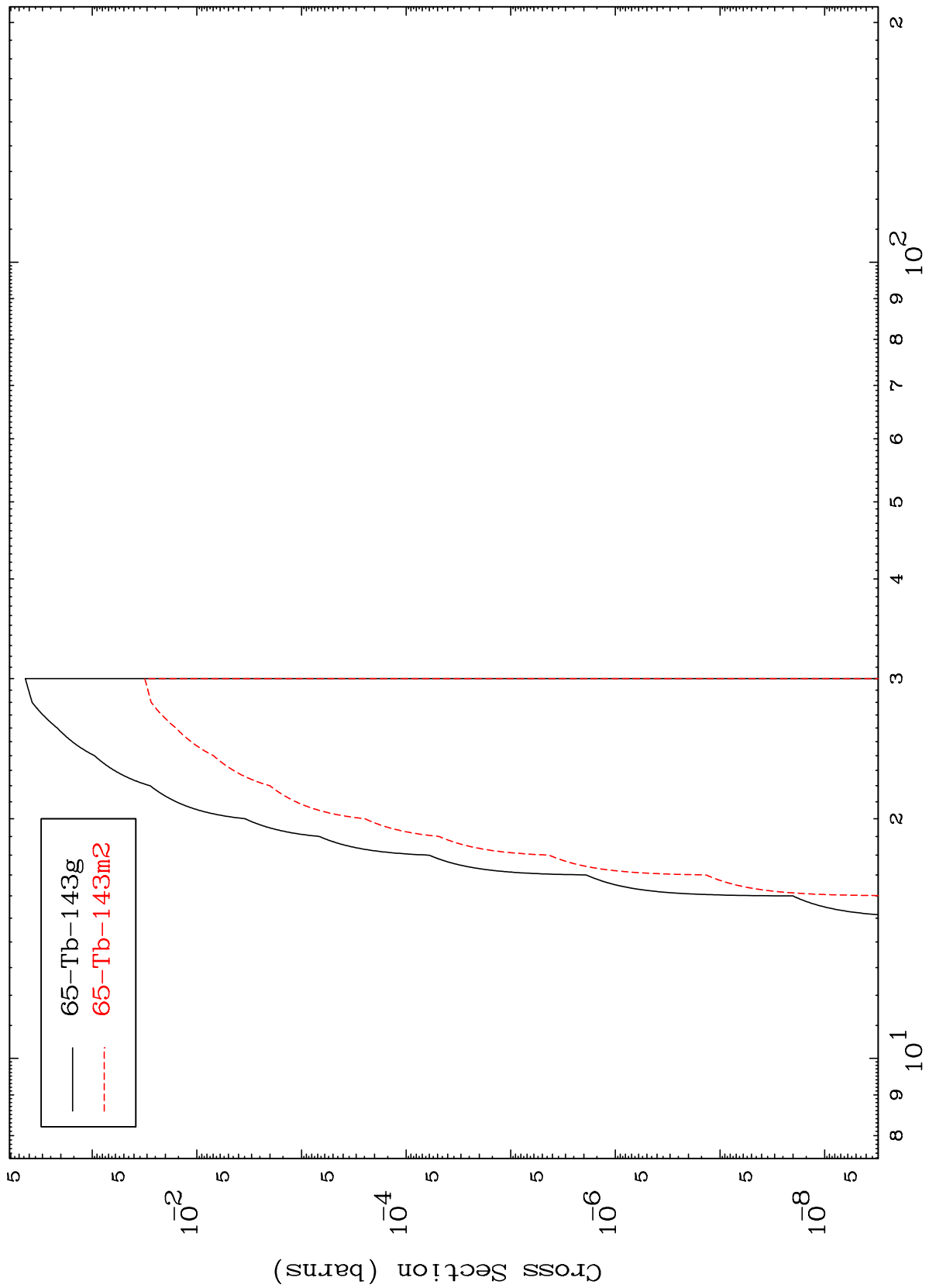
(n,d)
Radionuclide Production Cross Section



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64-Gd-143m

(n, t)
Radionuclide Production Cross Section



22

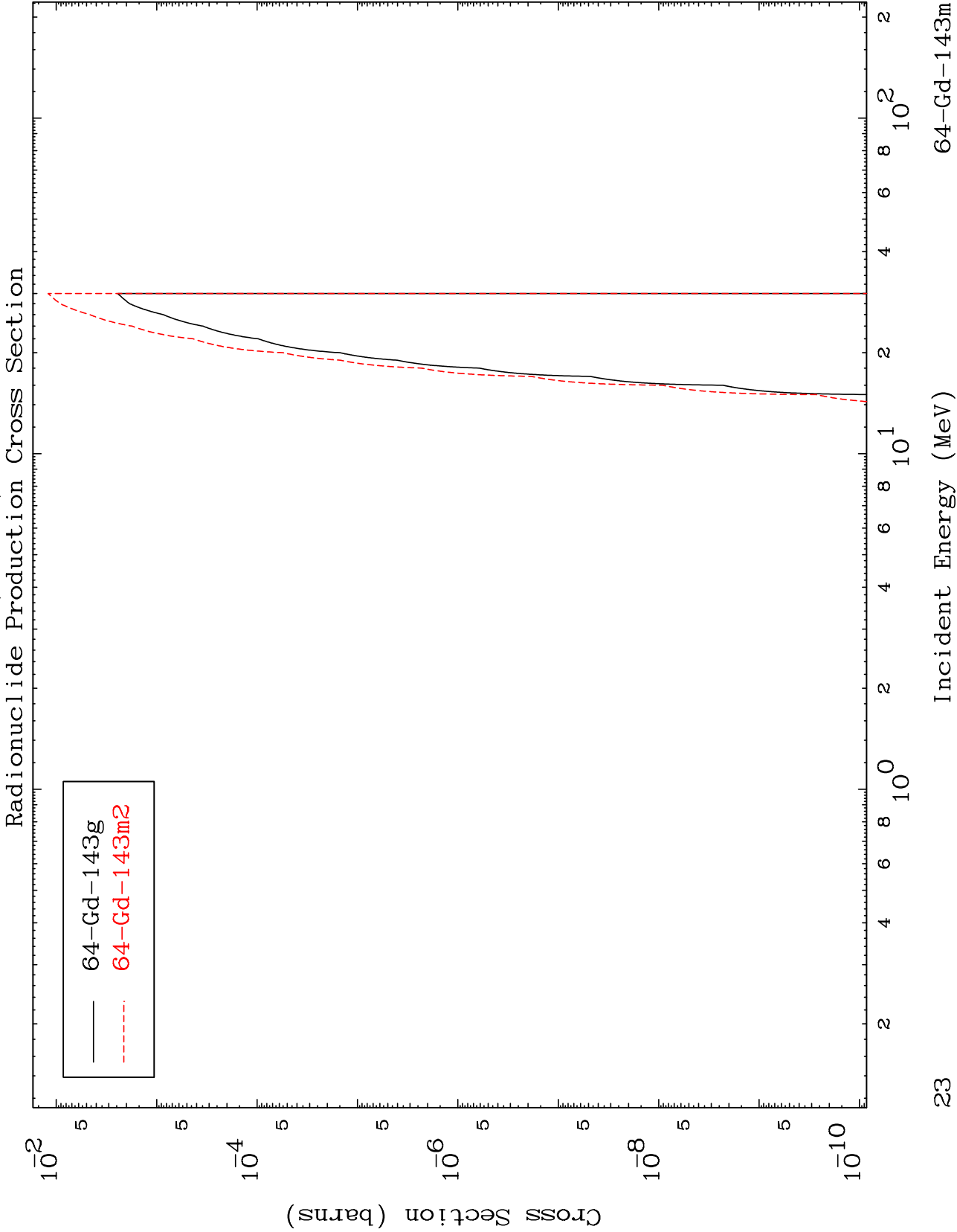
Incident Energy (MeV)

64-Gd-143m

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(n,He-3)

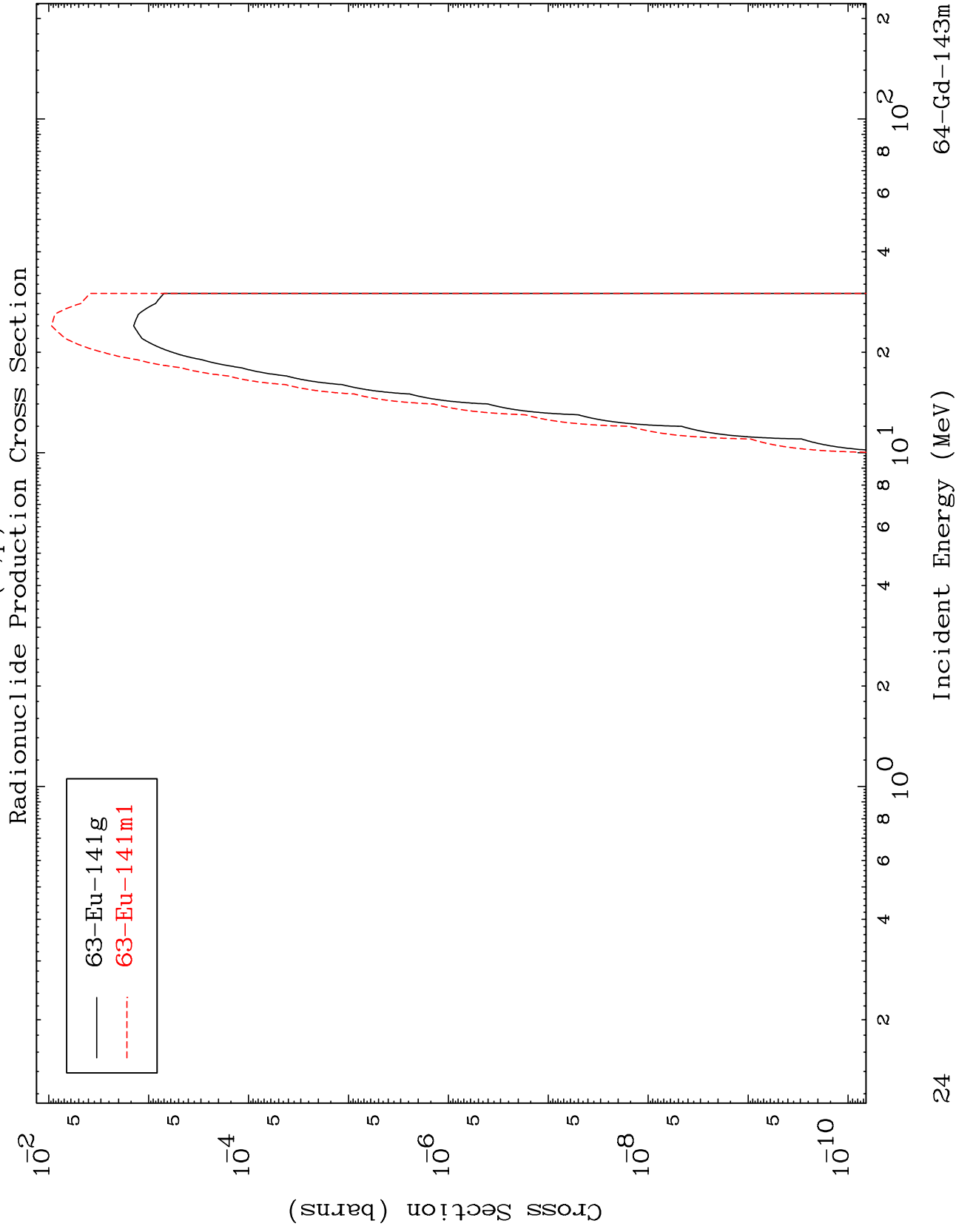
64-Gd-143m



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(n,p) α

64-Gd-143m

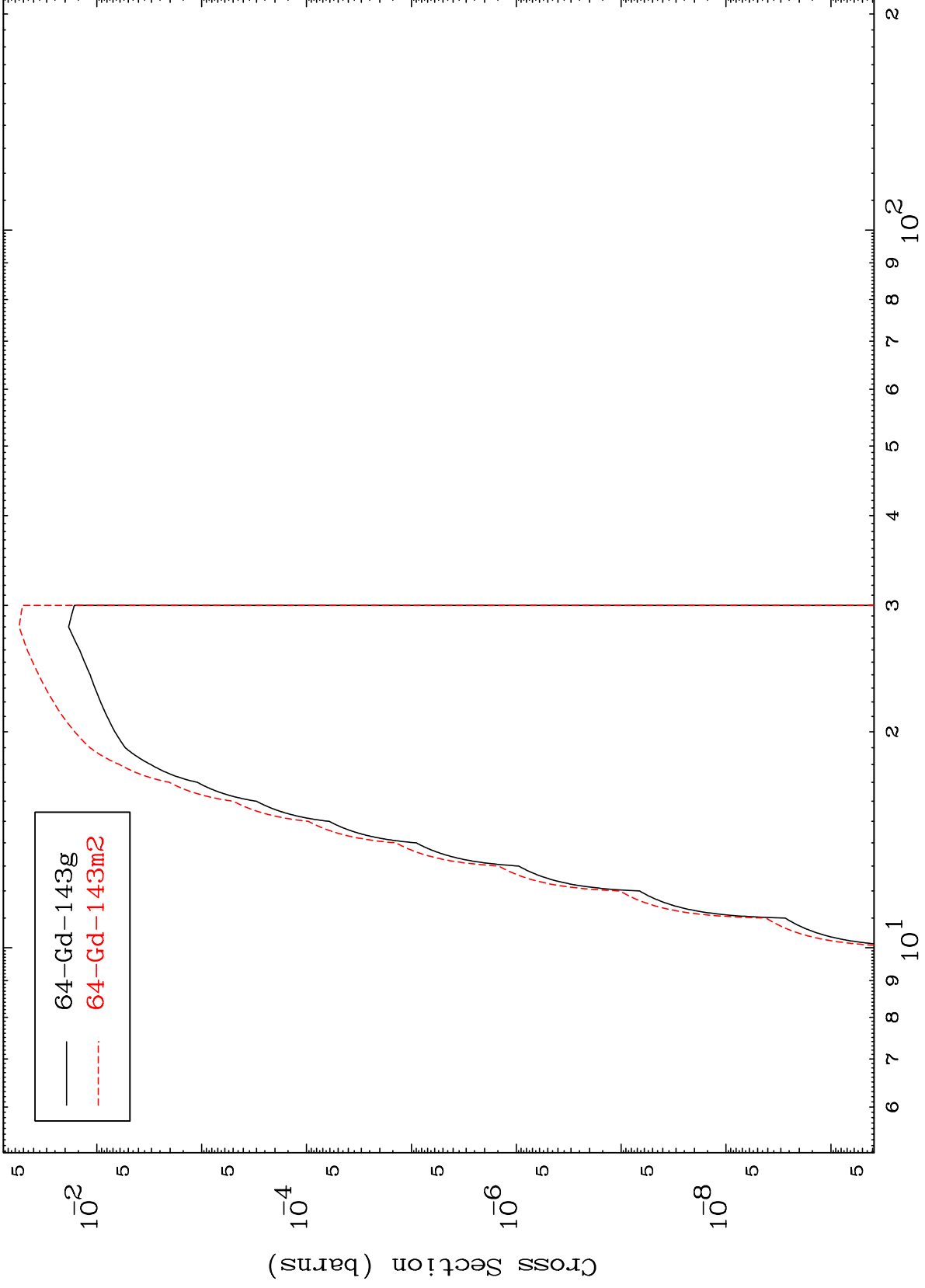


MAT 6399

(n,p) d

64-Gd-143m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

64-Gd-143m