

Program EVALPLOT
(Version 2021-1)

by

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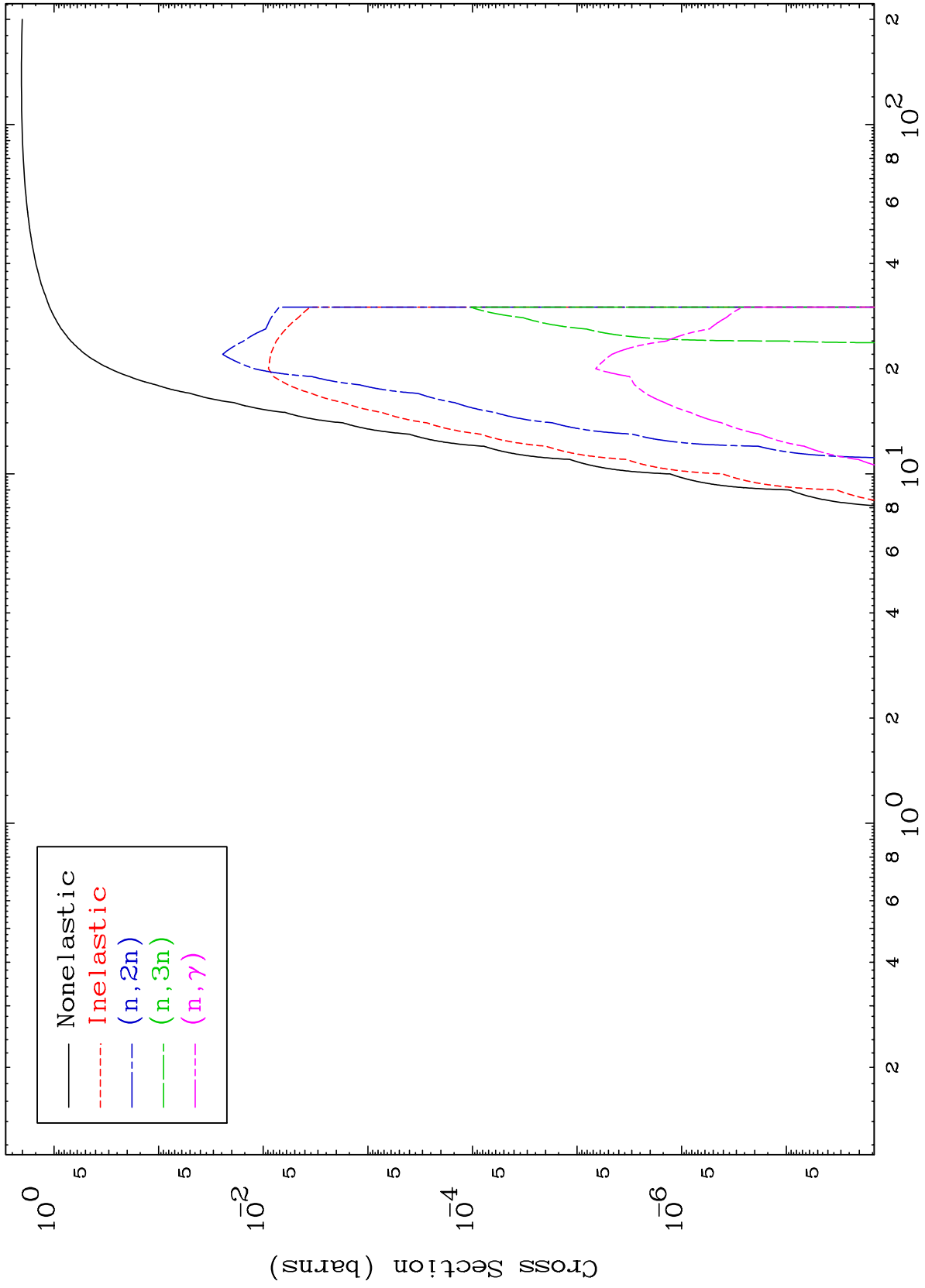
Press Mouse Button to Start

MAT 6405

He-3 Major

64-Gd-145m

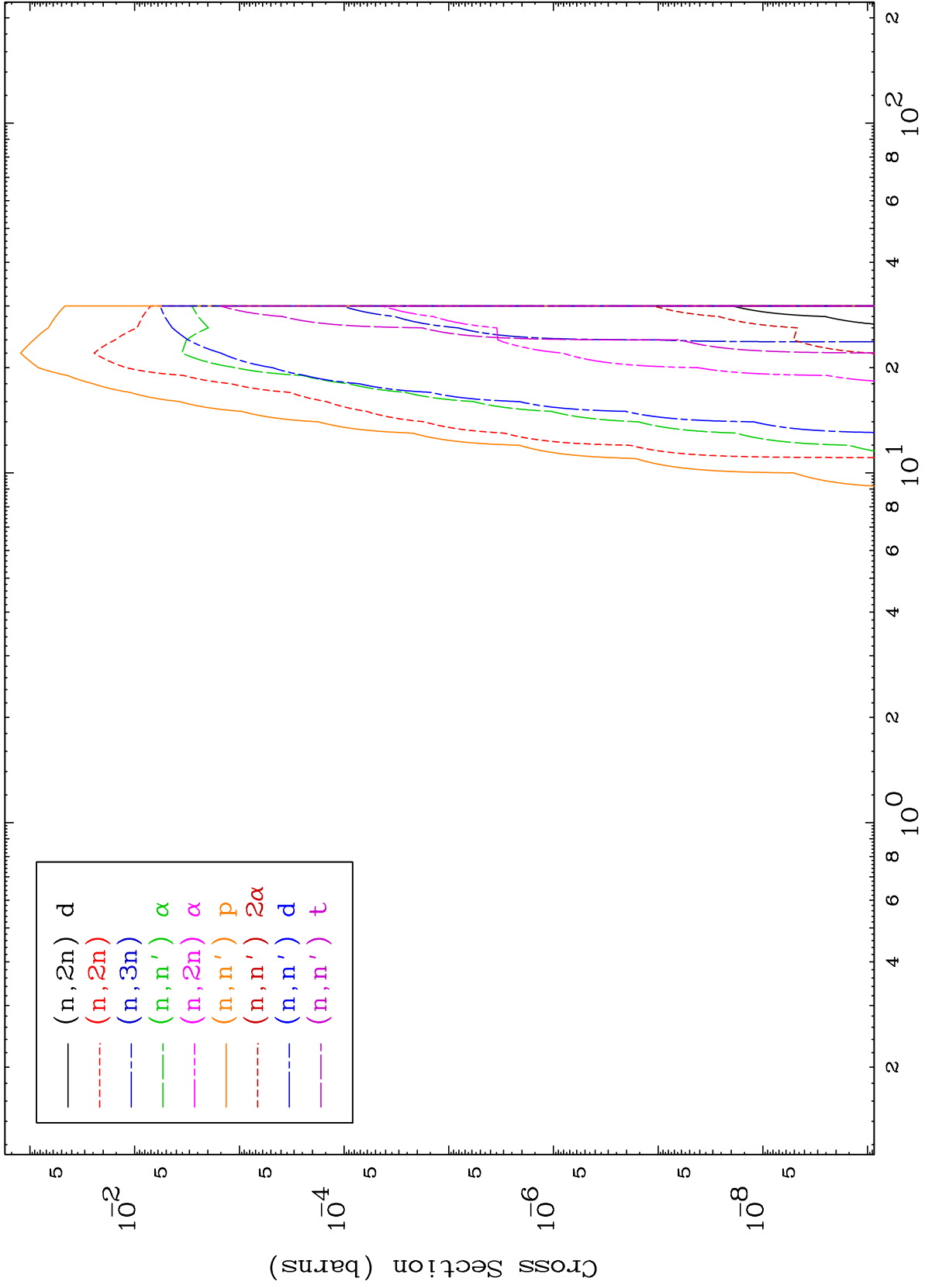
0 Kelvin Cross Sections

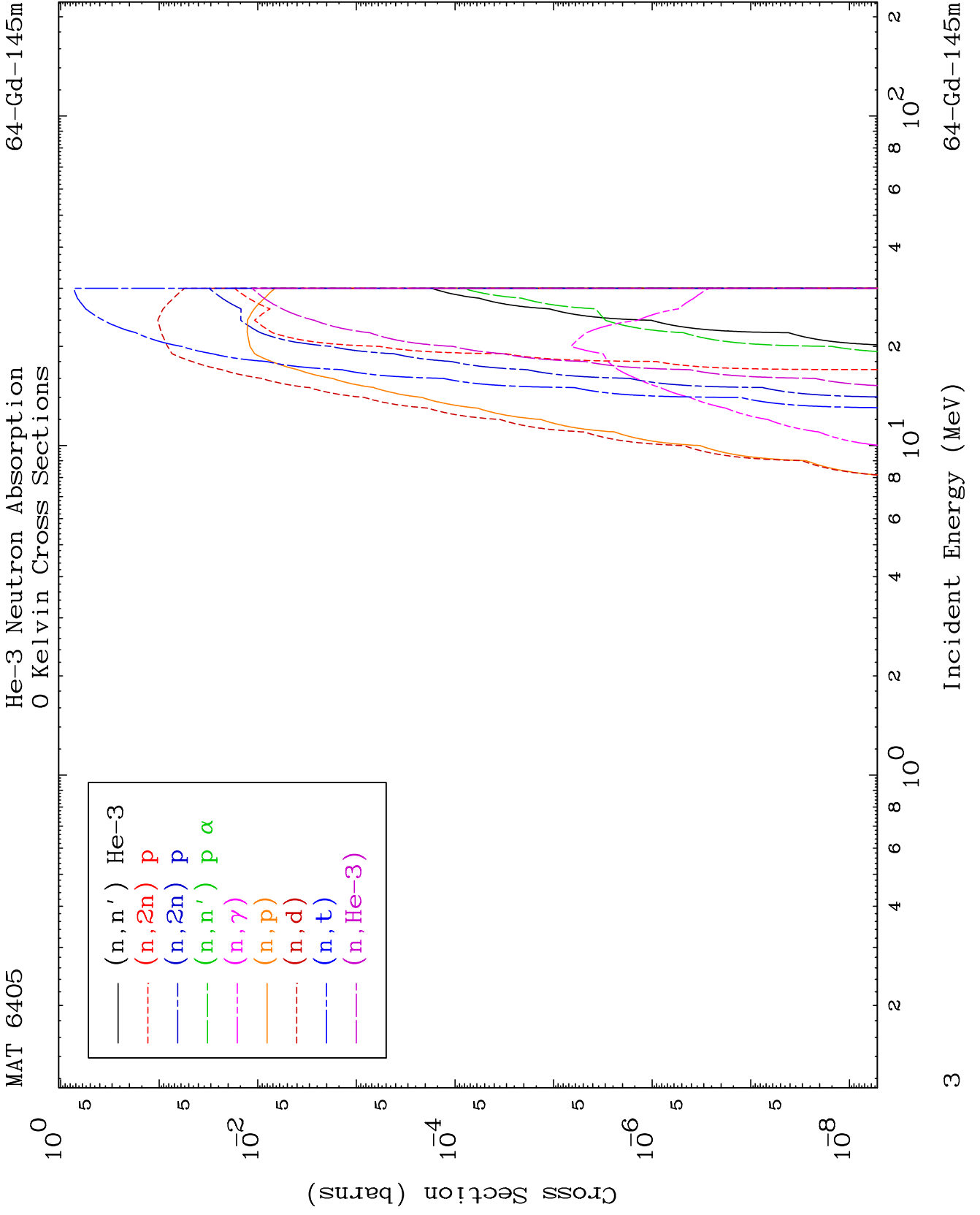


MAT 6405

He-3 Neutron Absorption
0 Kelvin Cross Sections

64-Gd-145m

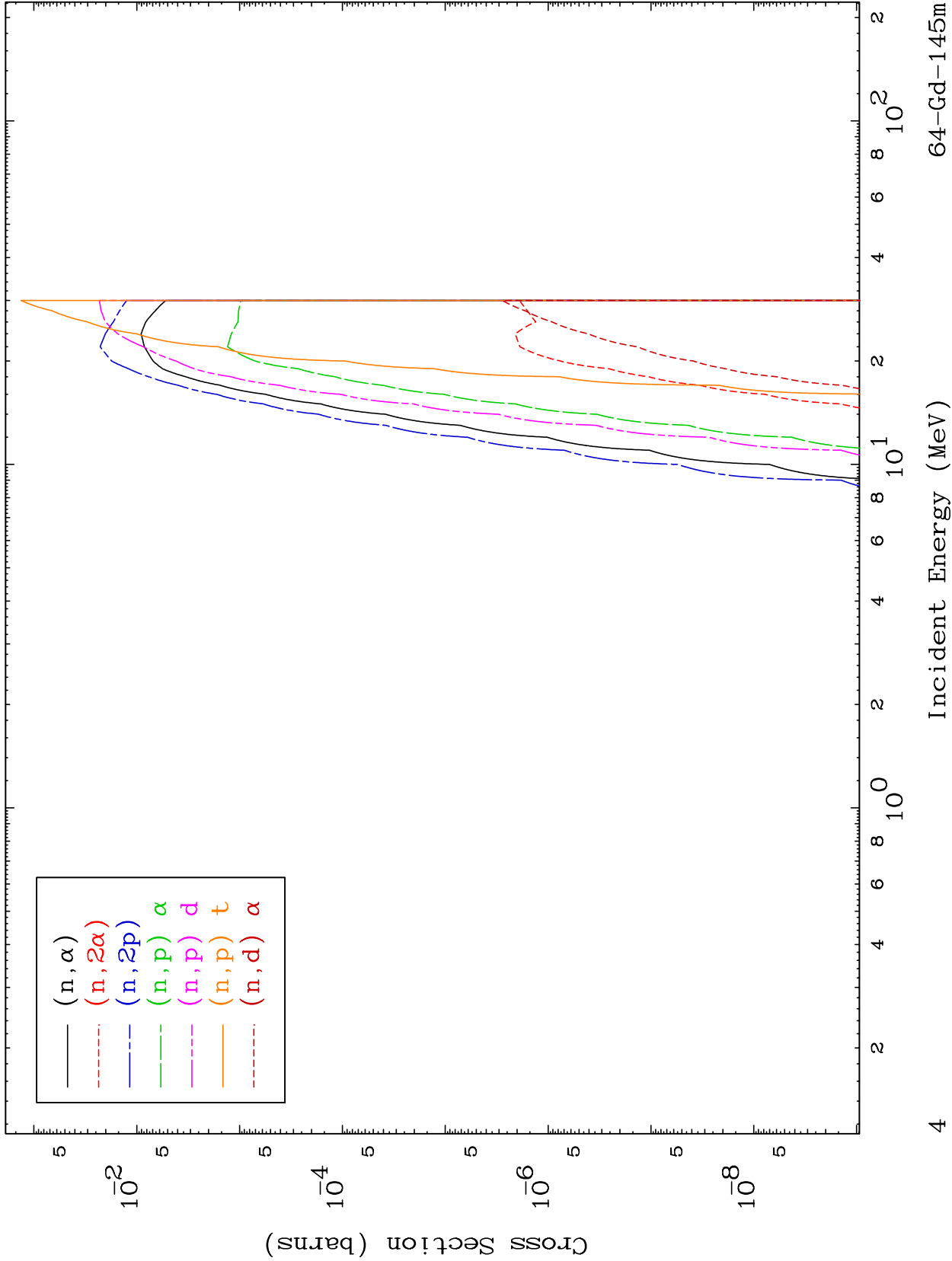




MAT 6405

He-3 Neutron Absorption
0 Kelvin Cross Sections

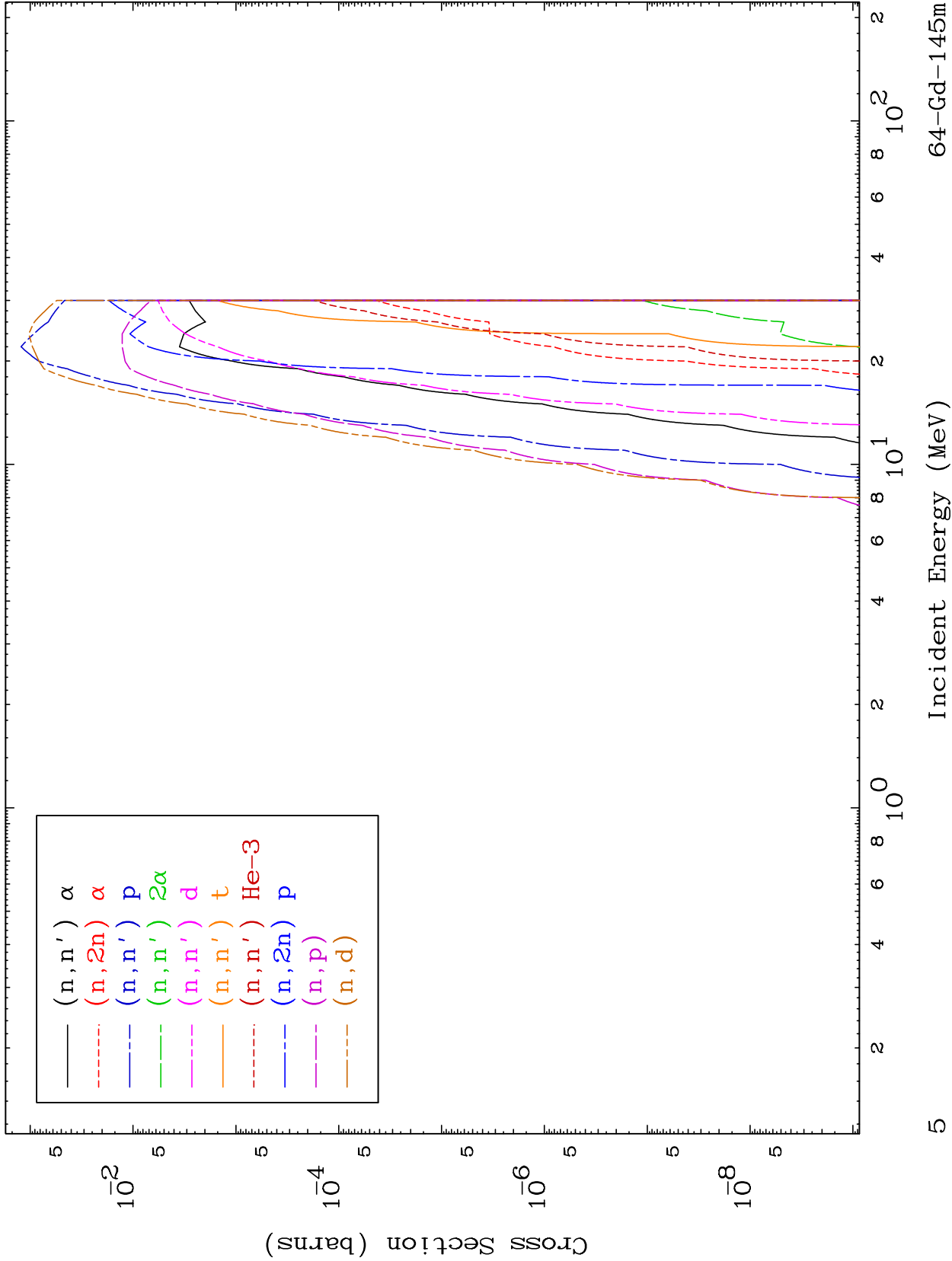
64-Gd-145m



MAT 6405

He-3 Charged Particle
0 Kelvin Cross Sections

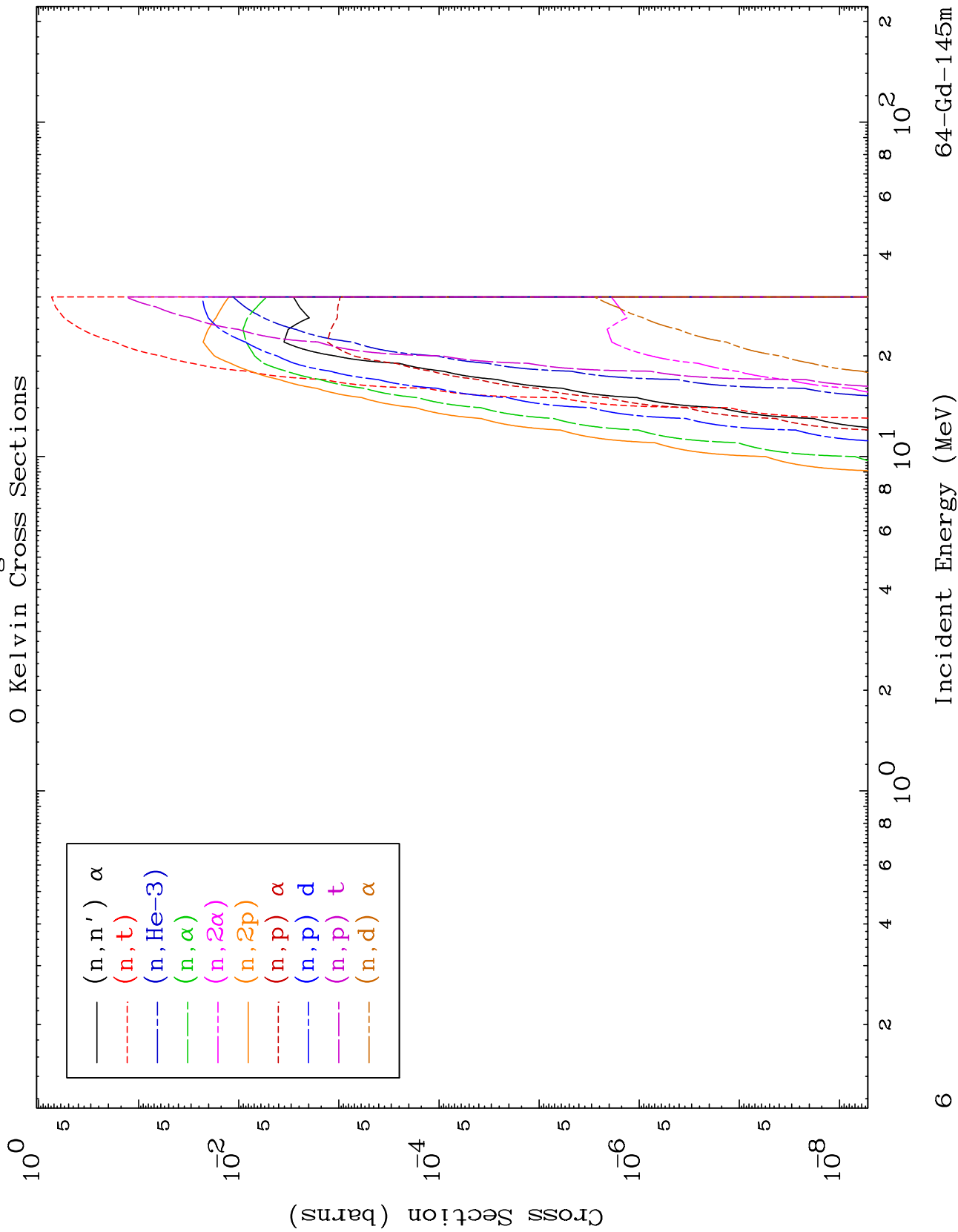
64-Gd-145m



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He-3 Charged Particle
0 Kelvin Cross Sections

64-Gd-145m

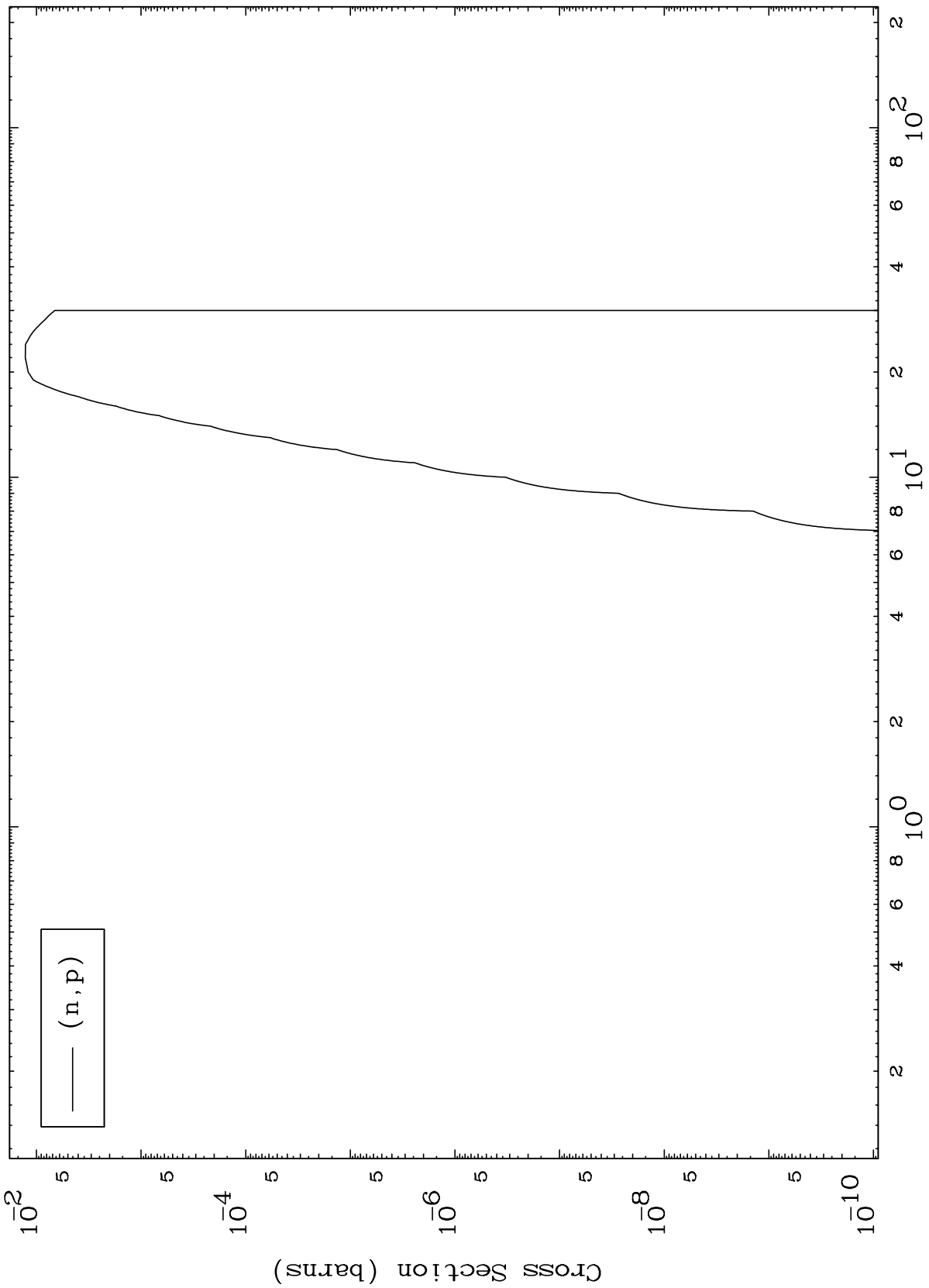


MAT 6405

(He-3,p) Levels

64-Gd-145m

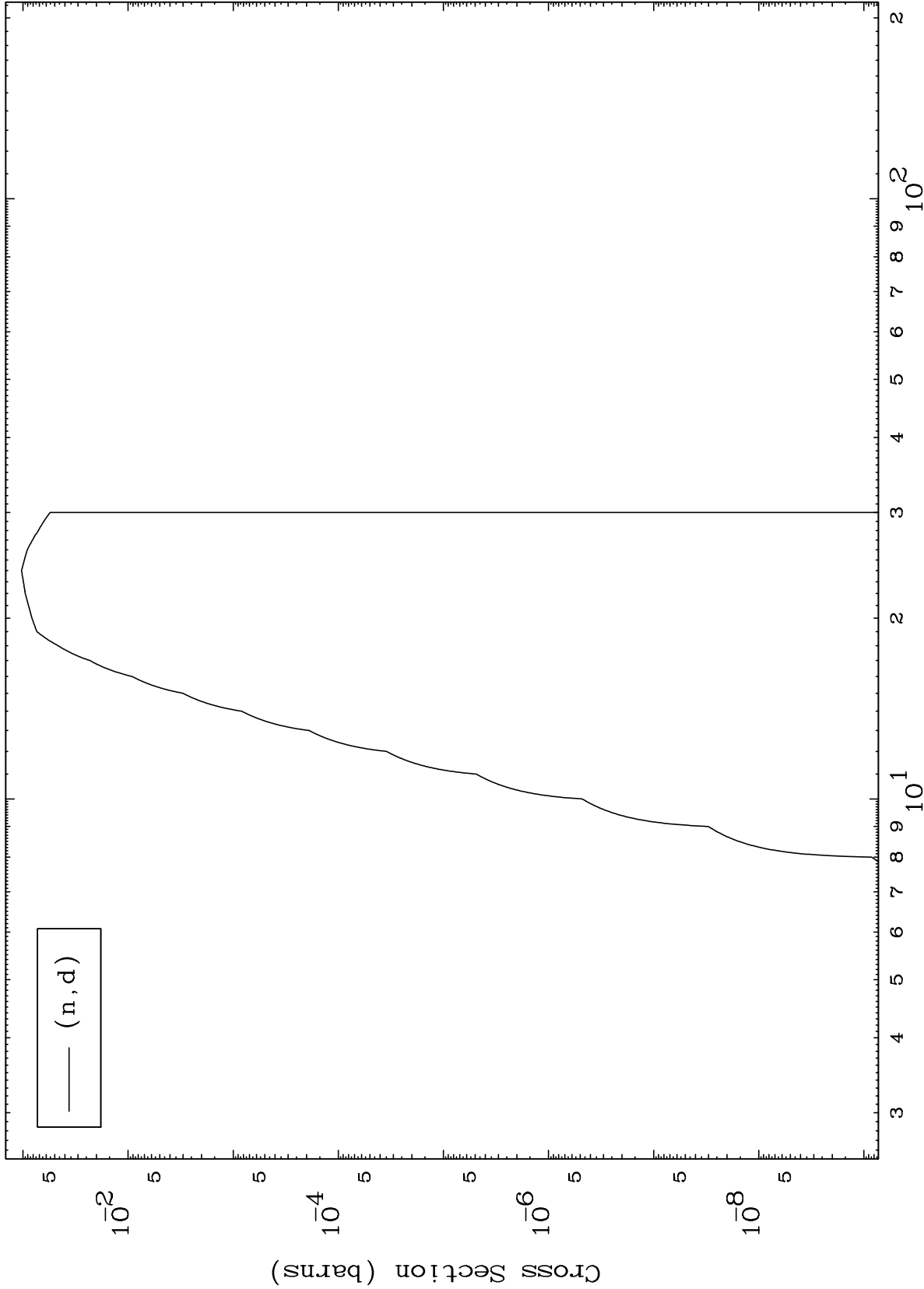
0 Kelvin Cross Sections



MAT 6405

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

64-Gd-145m



8

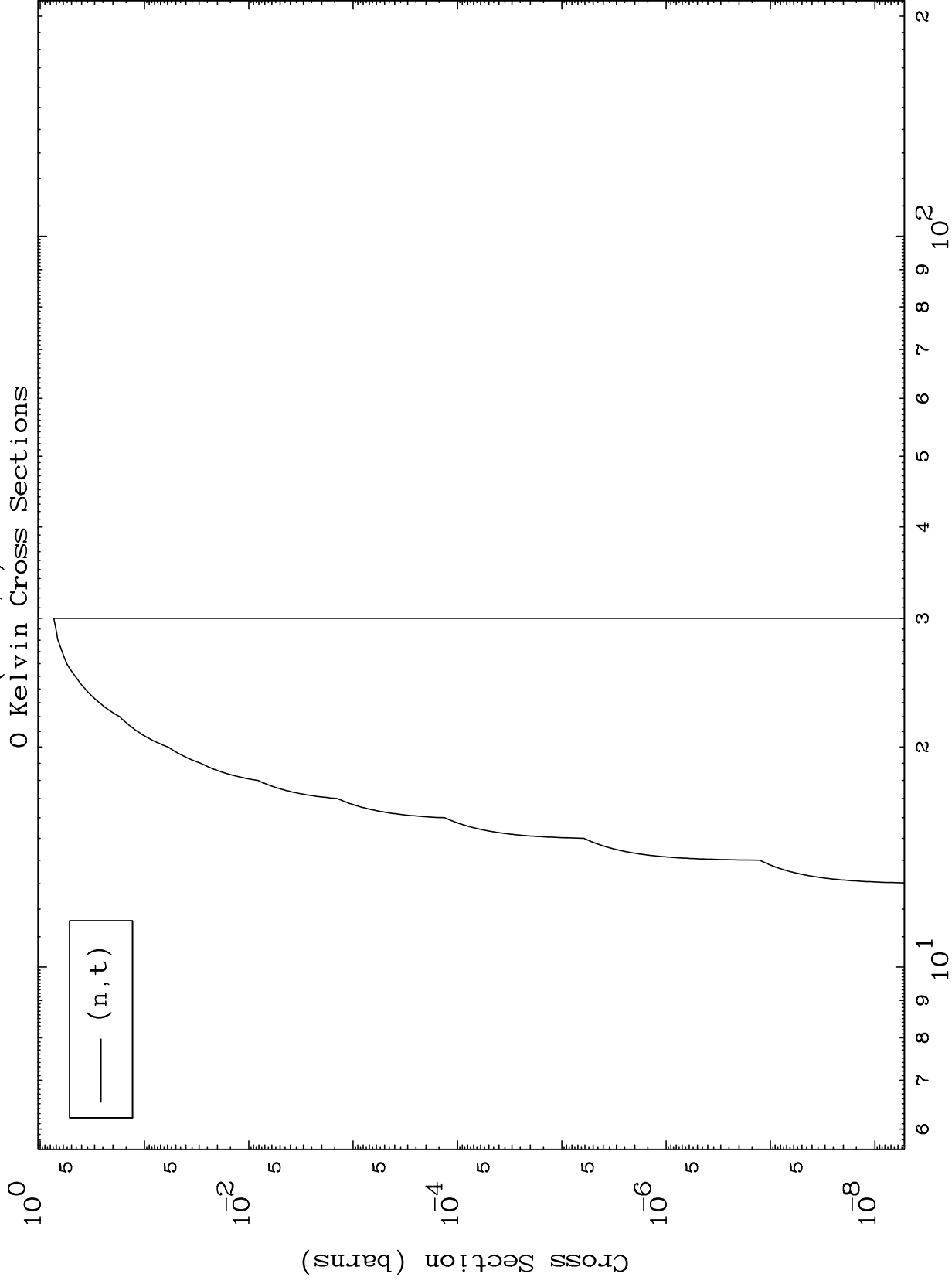
Incident Energy (MeV)

64-Gd-145m

MAT 6405

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

64-Gd-145m



9

Incident Energy (MeV)

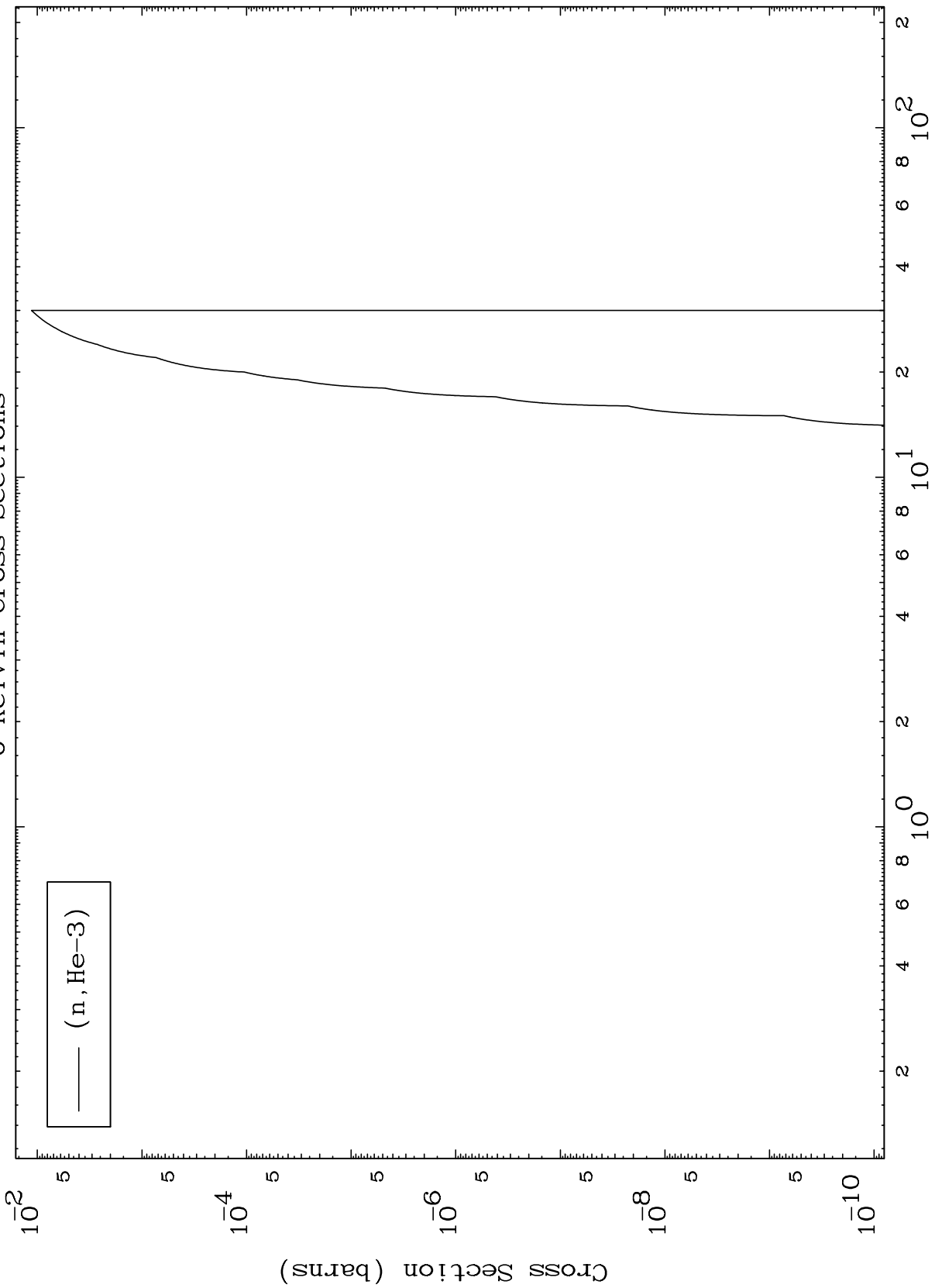
64-Gd-145m

MAT 6405

(He-3, He3) Levels

64-Gd-145m

0 Kelvin Cross Sections



10

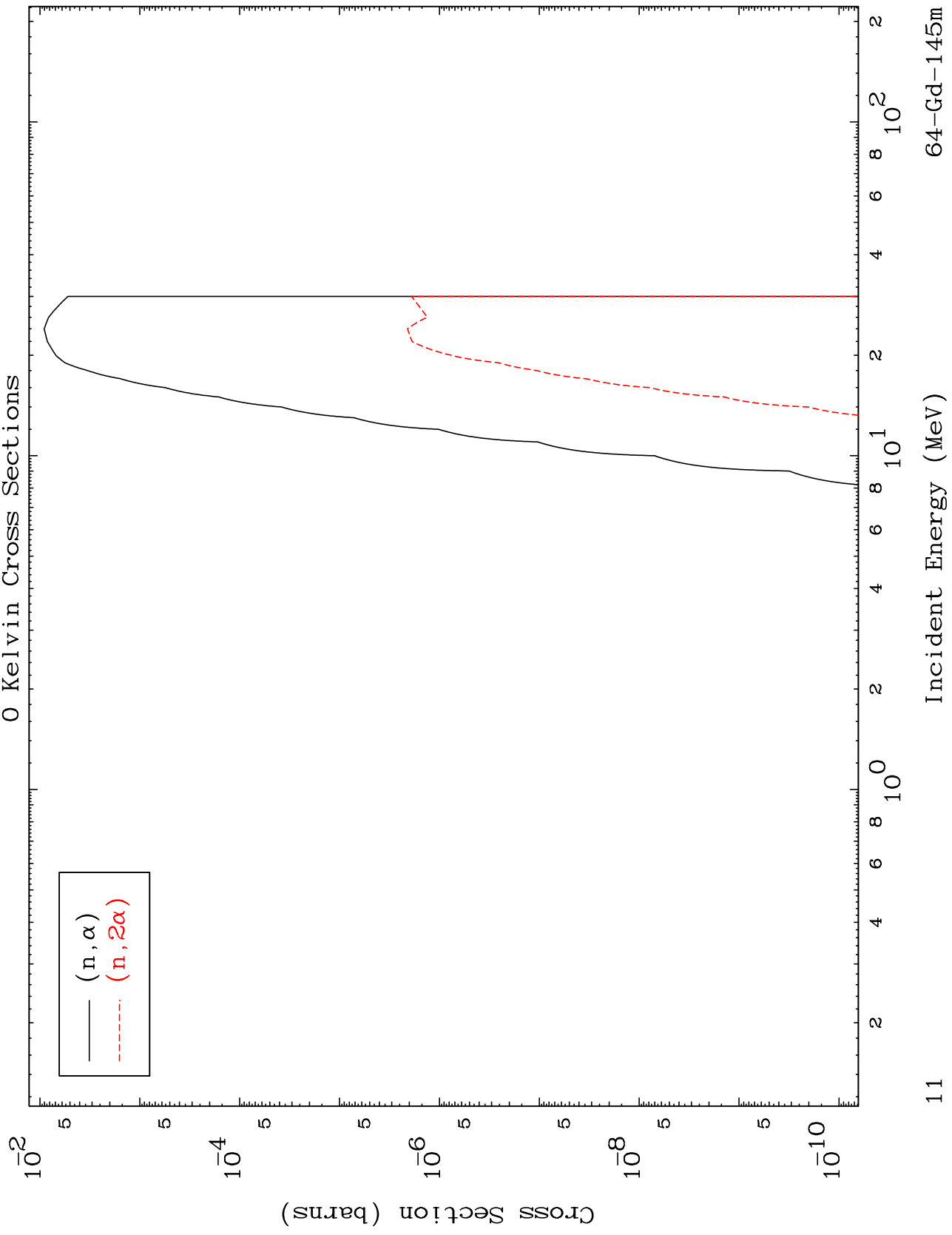
Incident Energy (MeV)

64-Gd-145m

MAT 6405

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

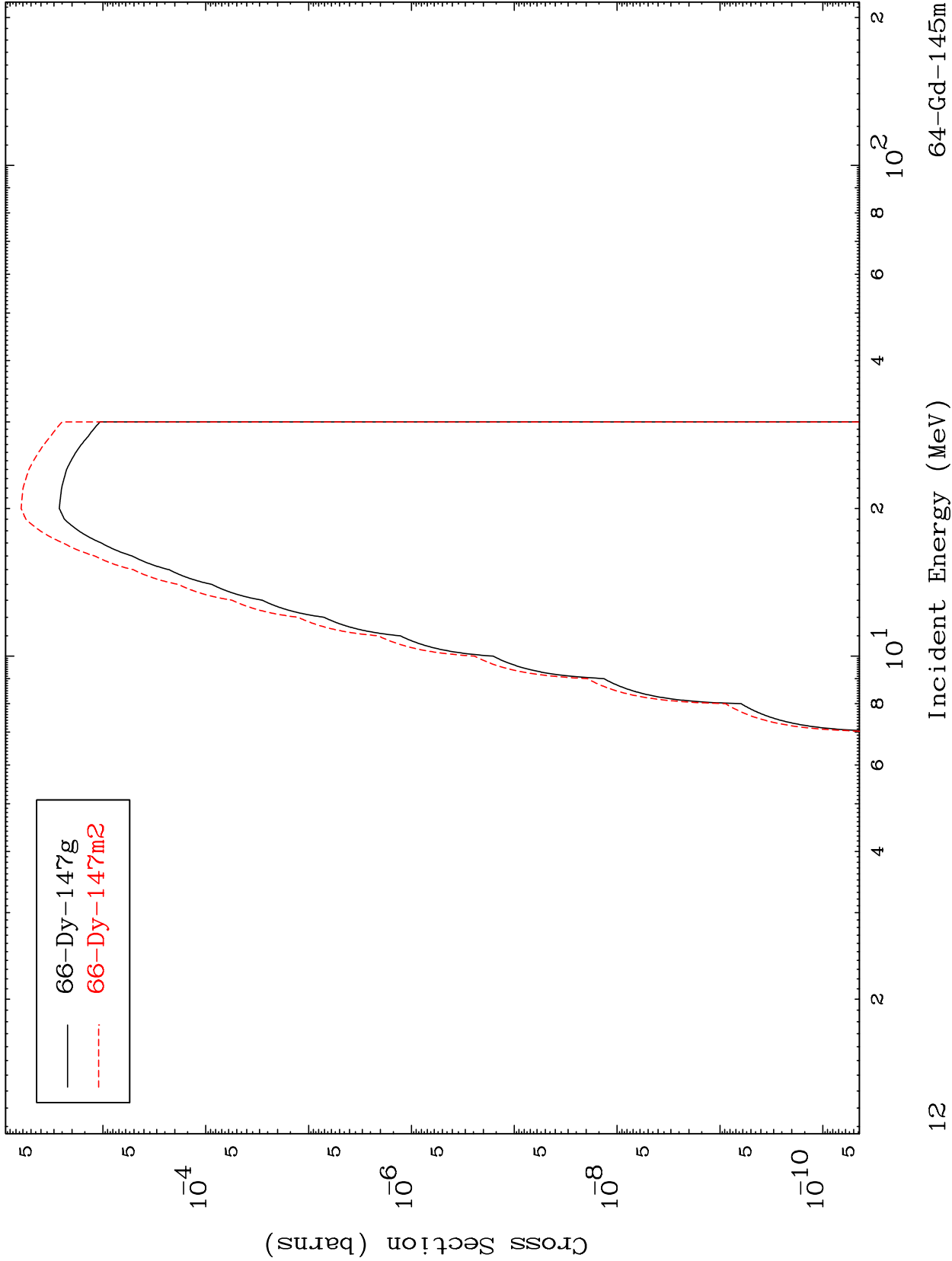
64-Gd-145m



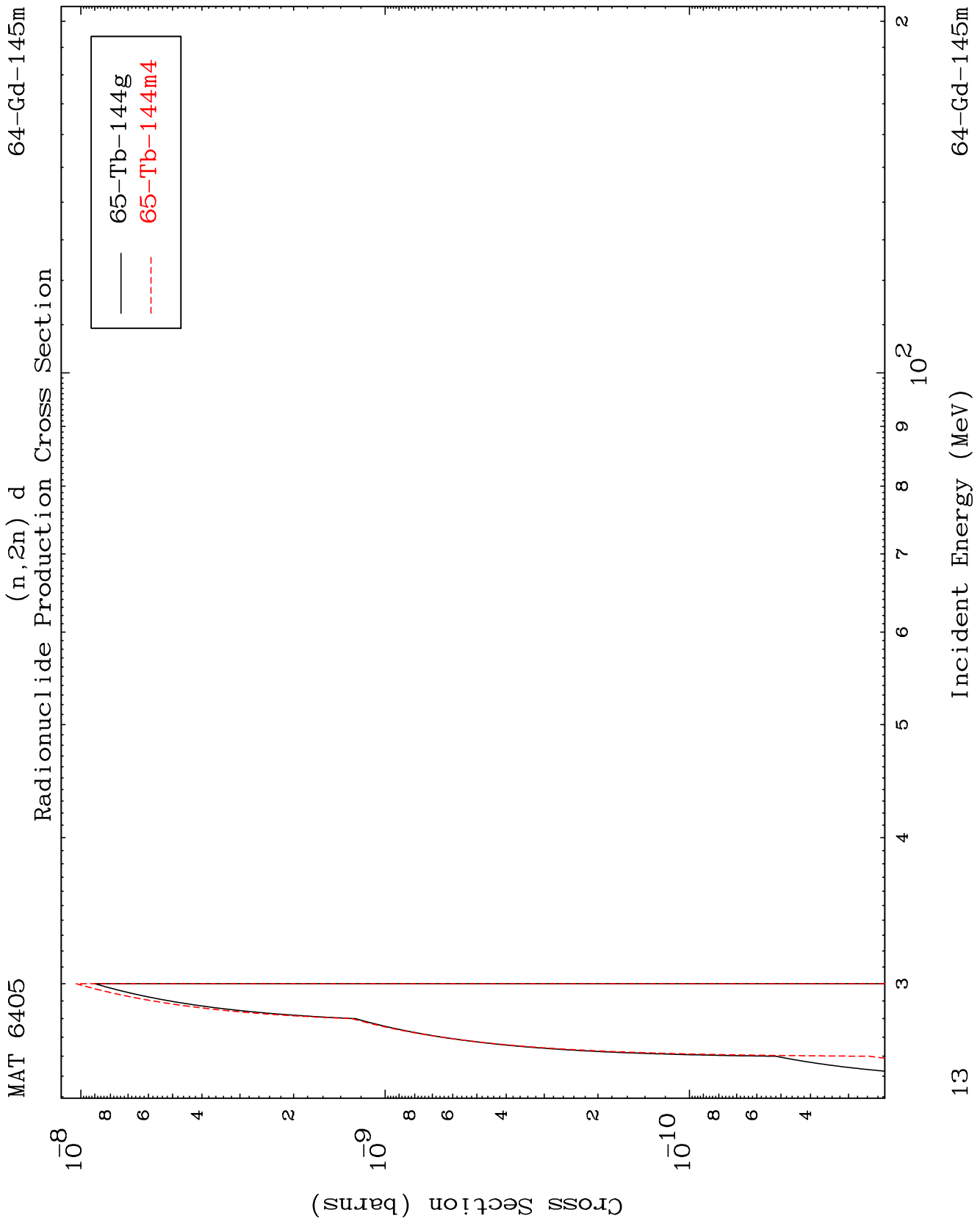
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Inelastic
Radionuclide Production Cross Section

64-Gd-145m



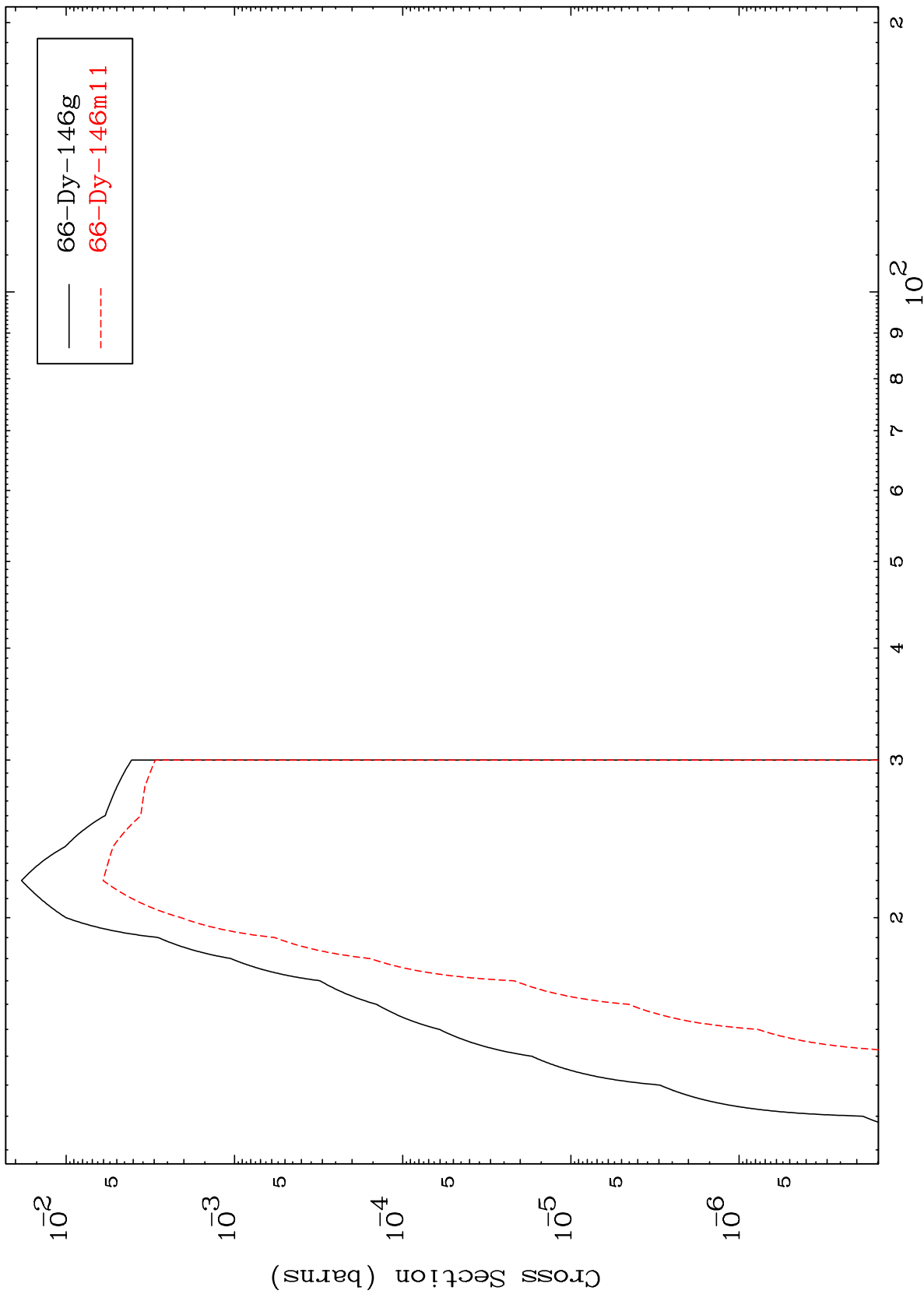
64-Gd-145m



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64-Gd-145m

(n,2n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

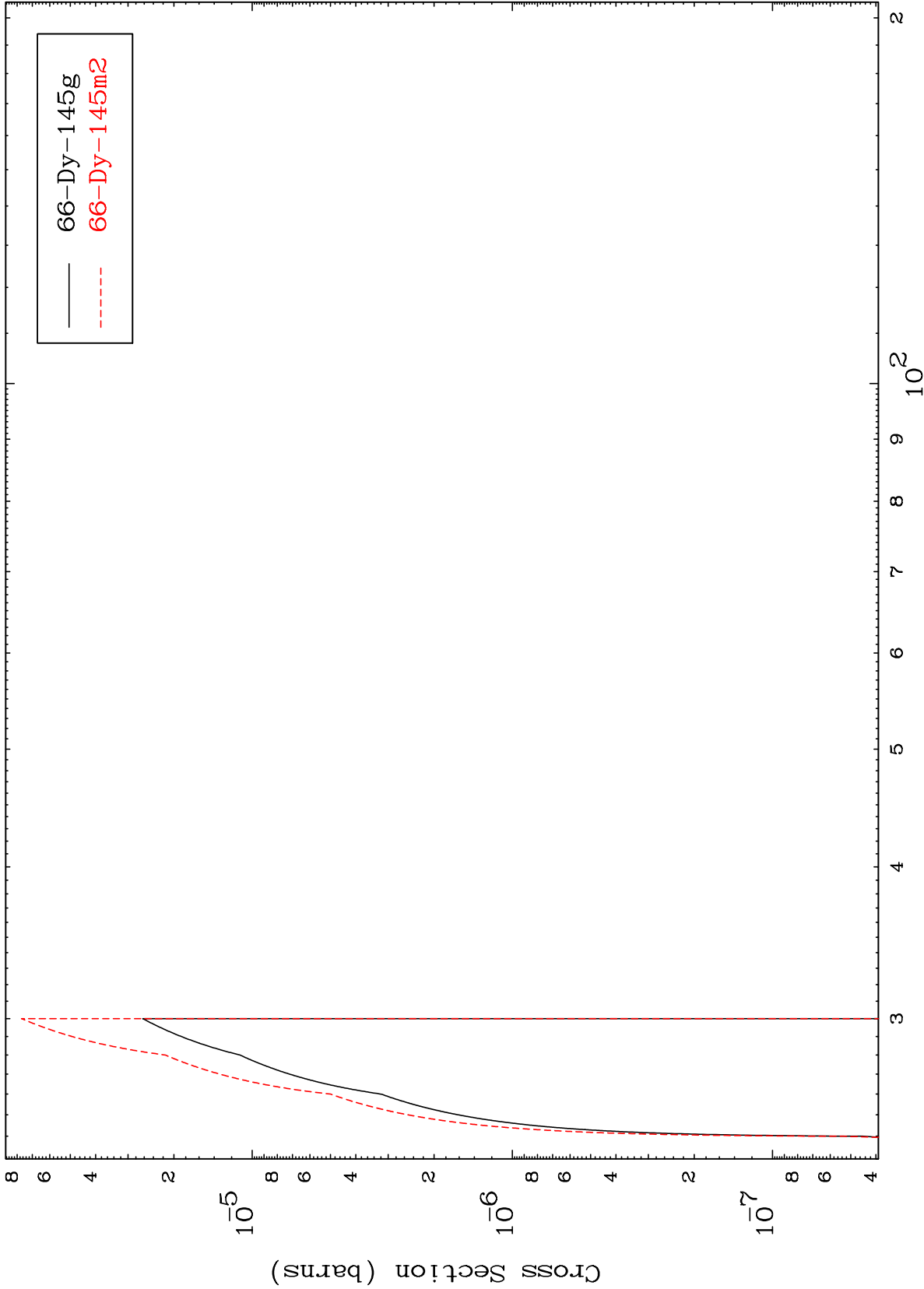
64-Gd-145m

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(n,3n)

64-Gd-145m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

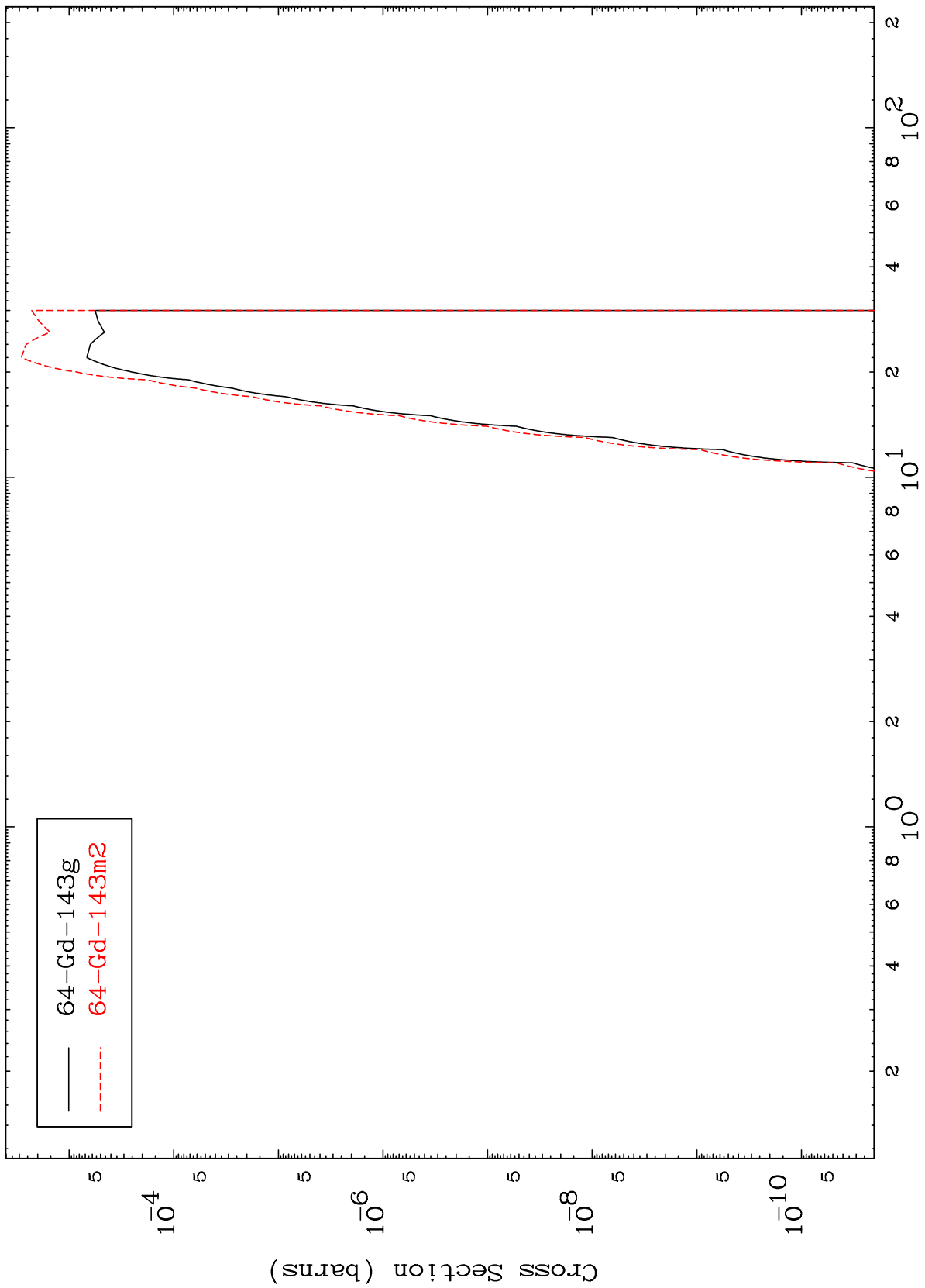
64-Gd-145m

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$(n, n') \alpha$

$^{64}\text{Gd}-145\text{m}$

Radionuclide Production Cross Section

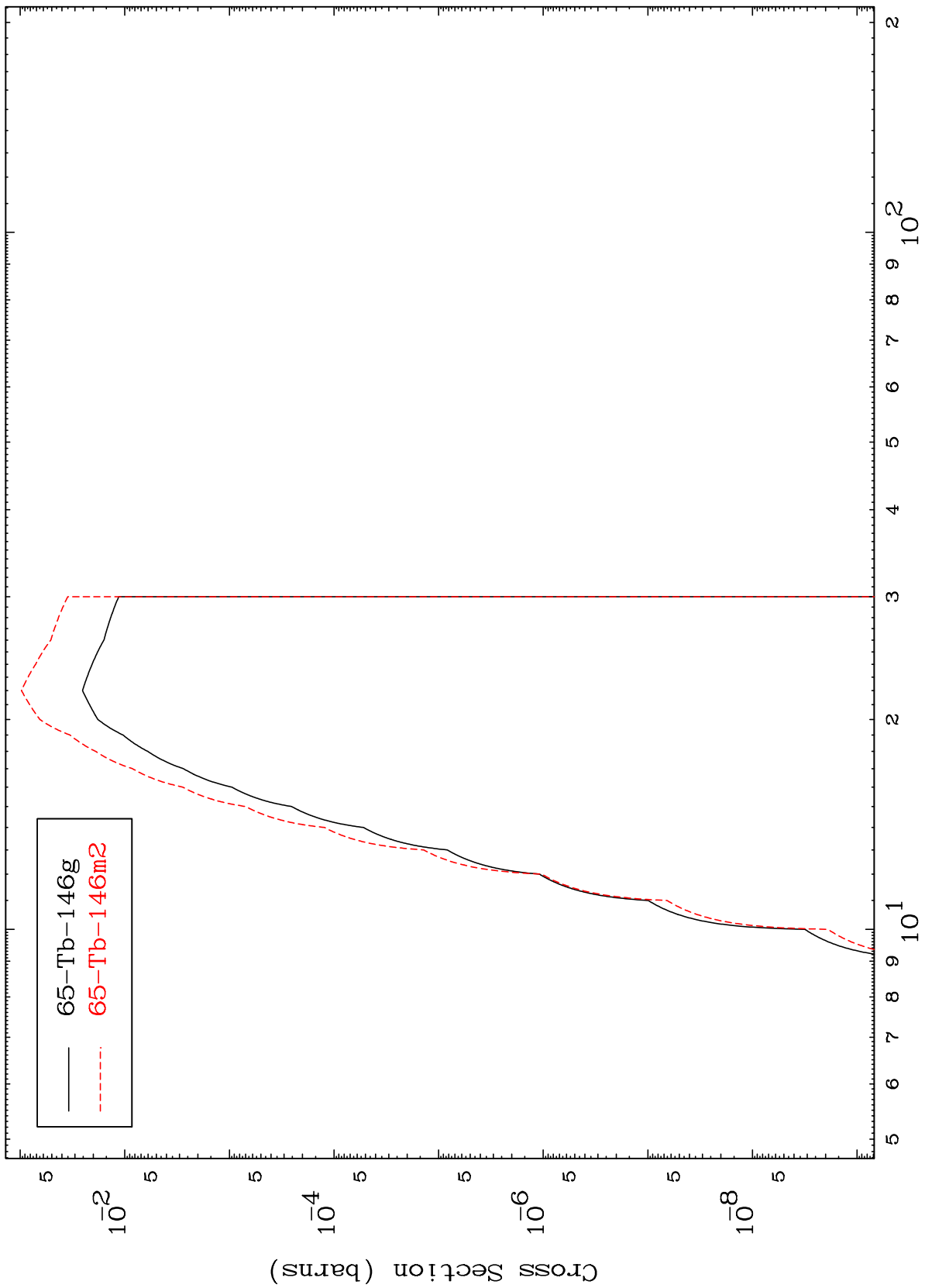


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(n,n') p

64-Gd-145m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

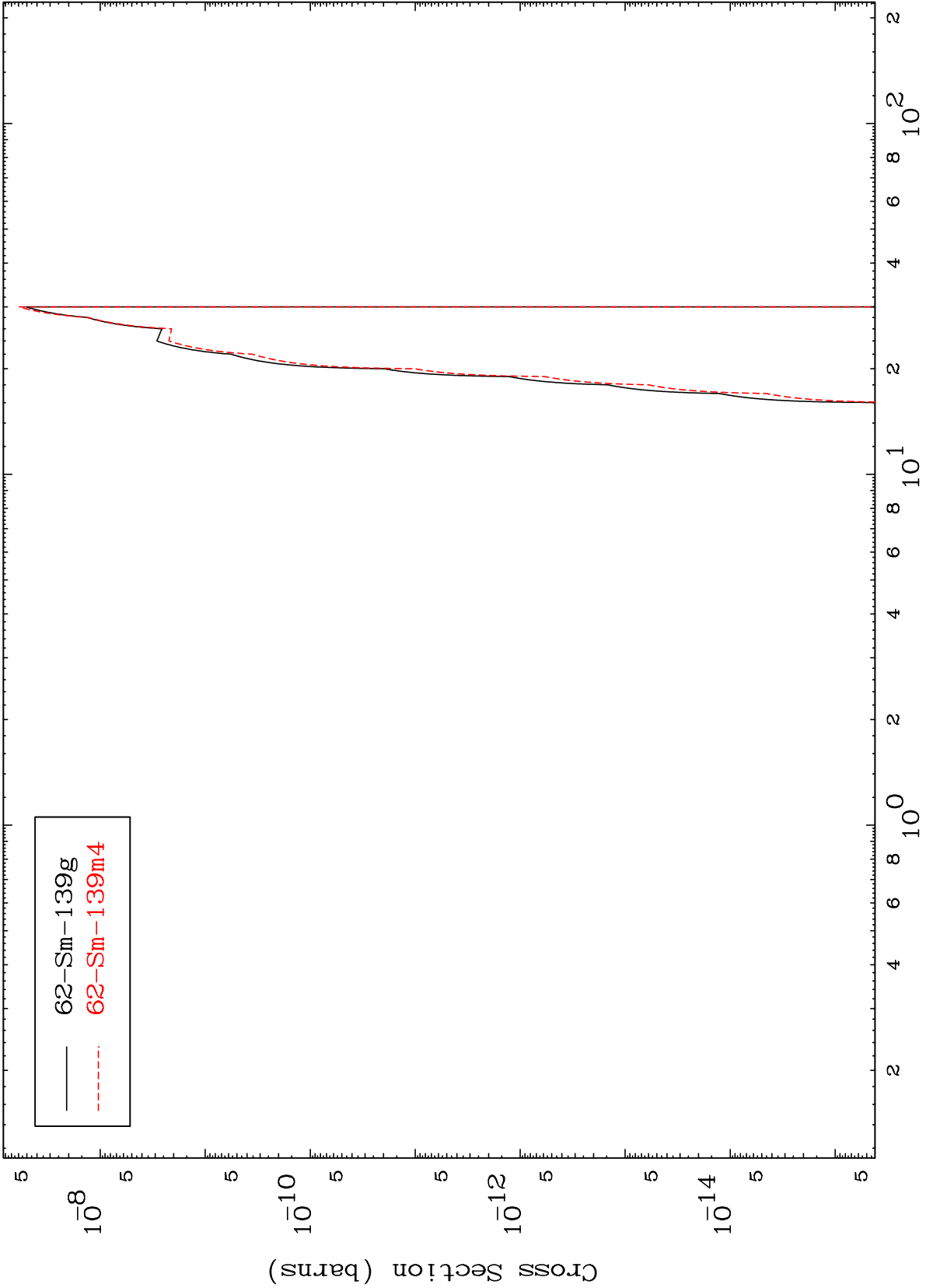
64-Gd-145m

MAT 6405

(n,n') 2α

64-Gd-145m

Radionuclide Production Cross Section

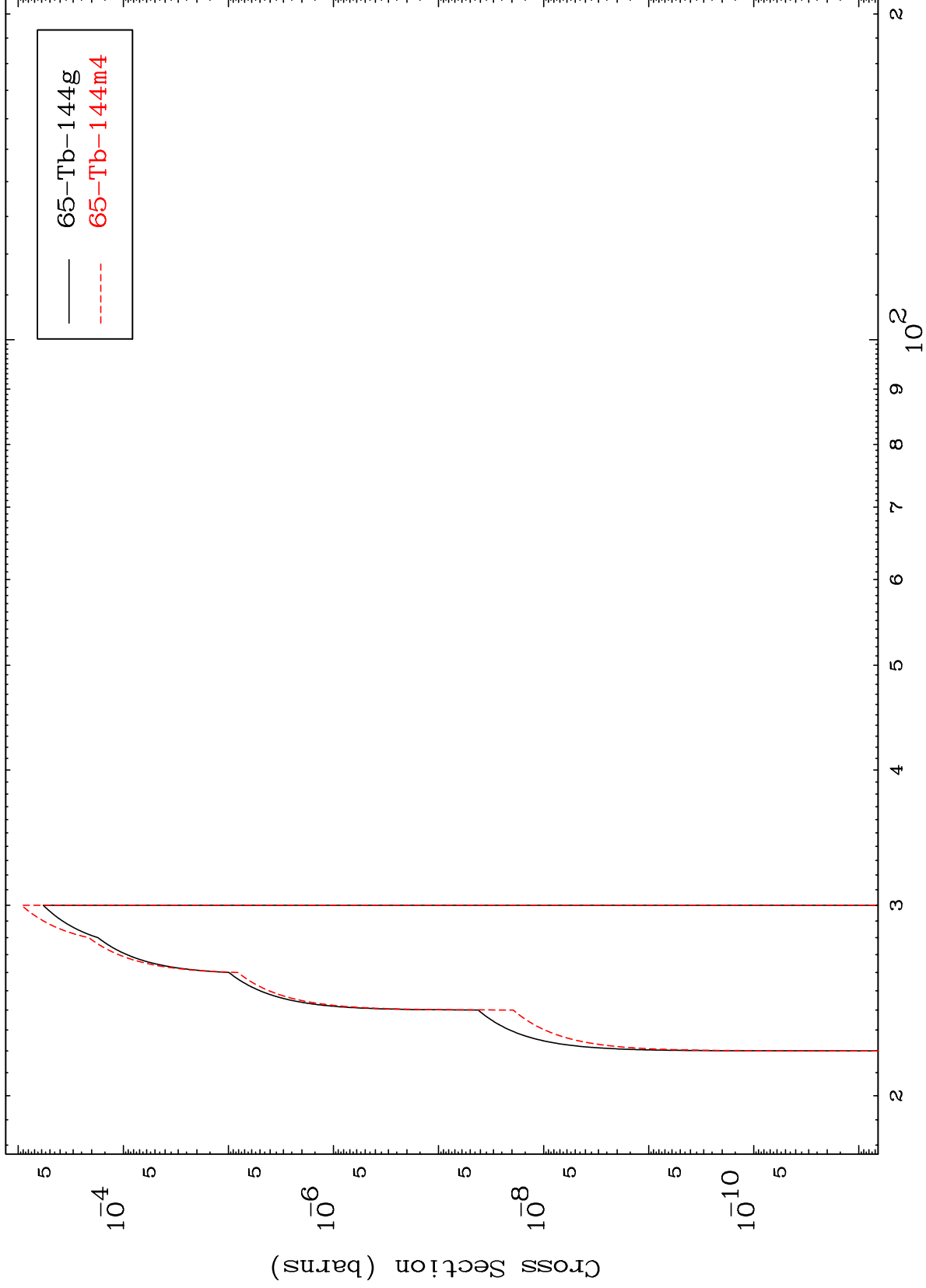


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(n,n') t

64-Gd-145m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

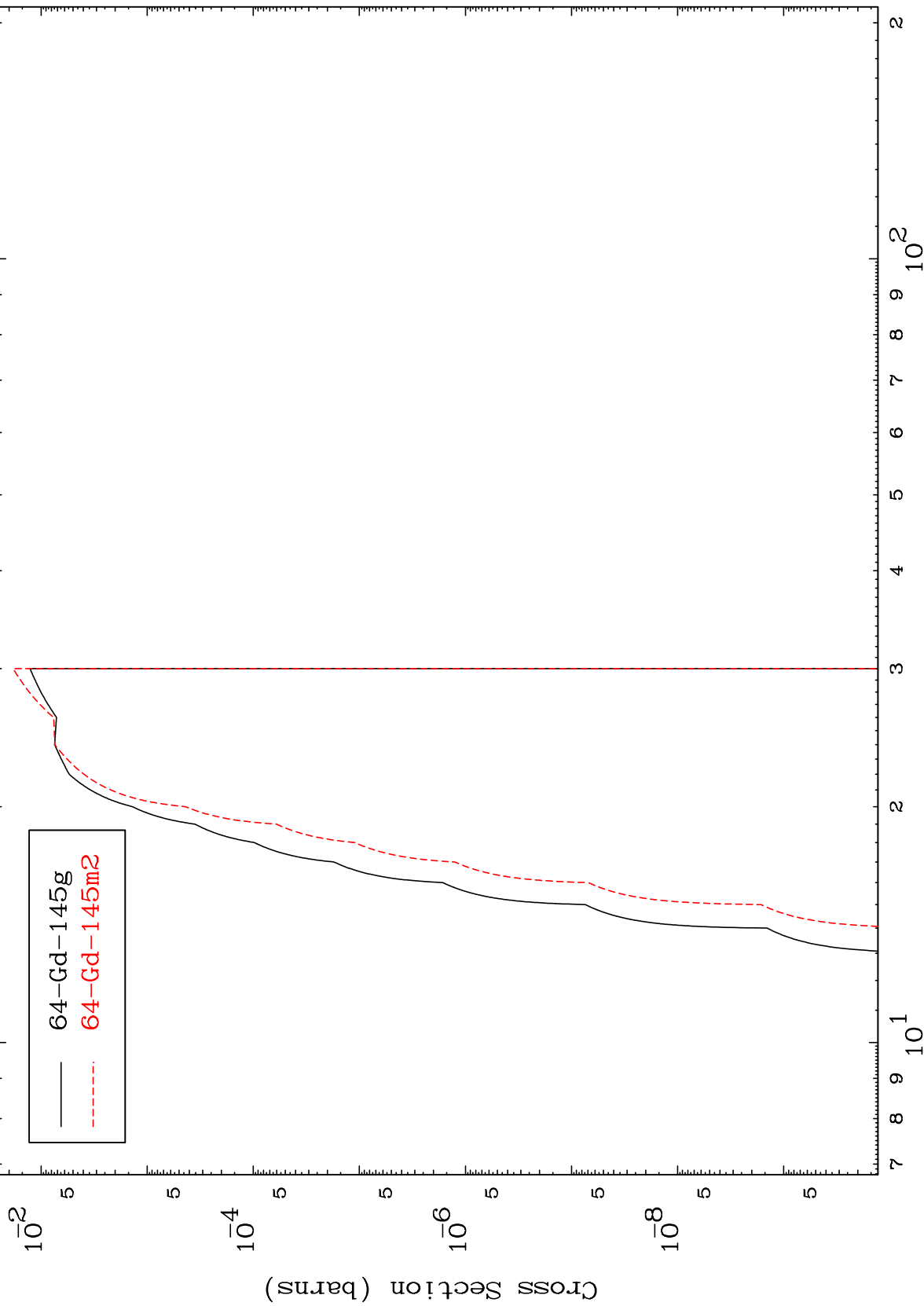
64-Gd-145m

MAT 6405

(n,2n) p

64-Gd-145m

Radionuclide Production Cross Section



Incident Energy (MeV)

64-Gd-145m

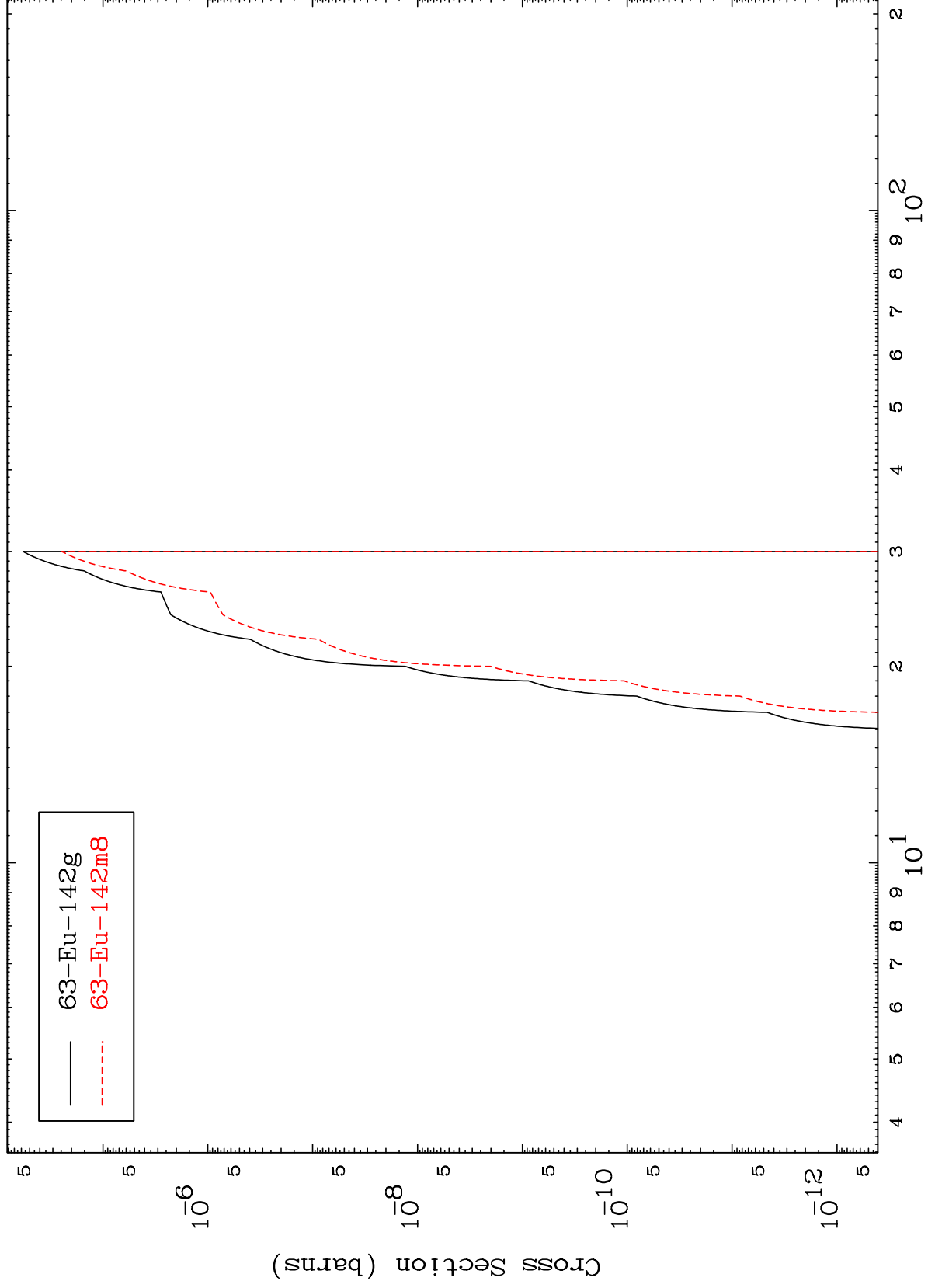
20

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(n,n') p α

64-Gd-145m

Radionuclide Production Cross Section

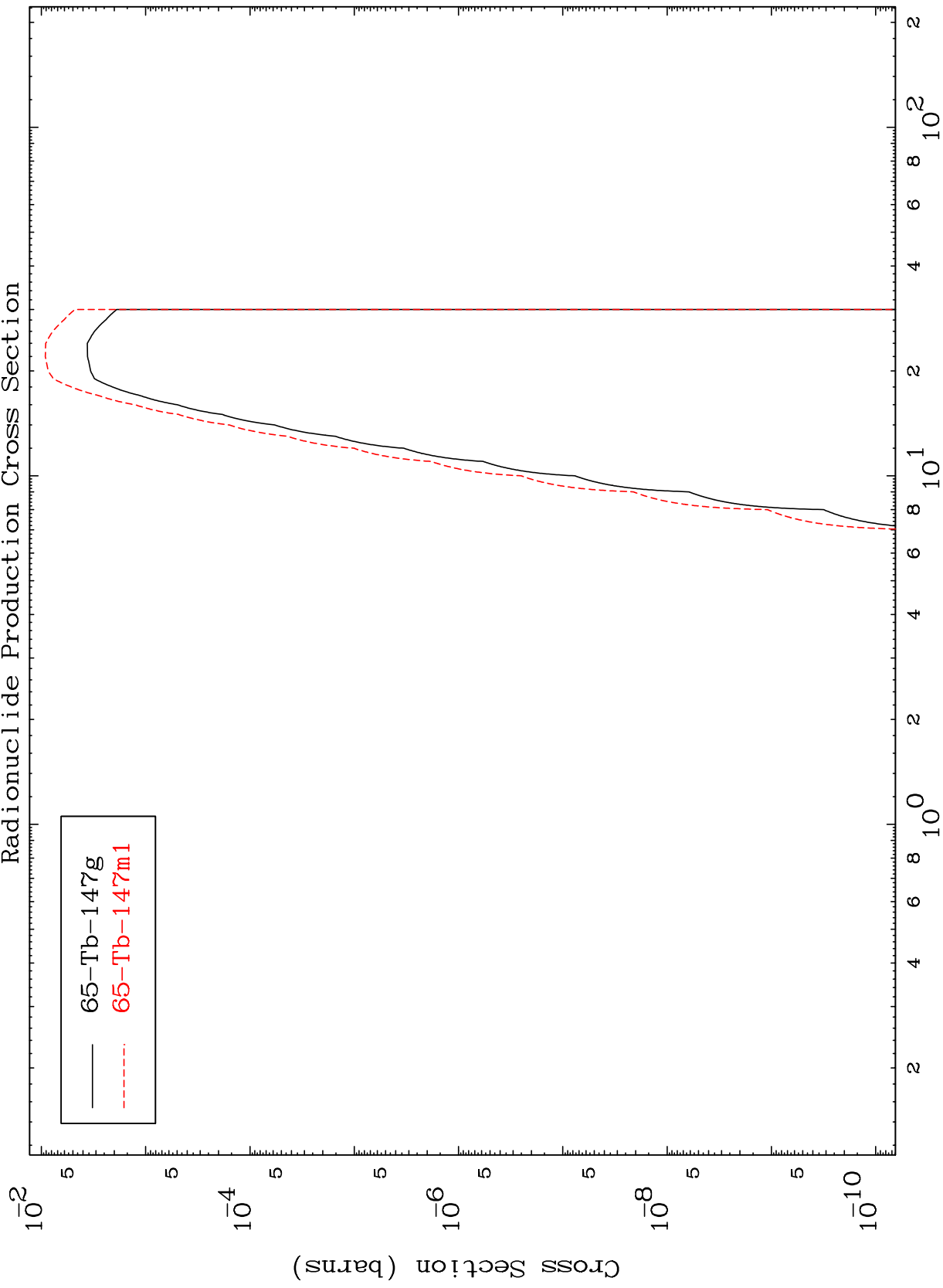


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(n,p)

64-Gd-145m

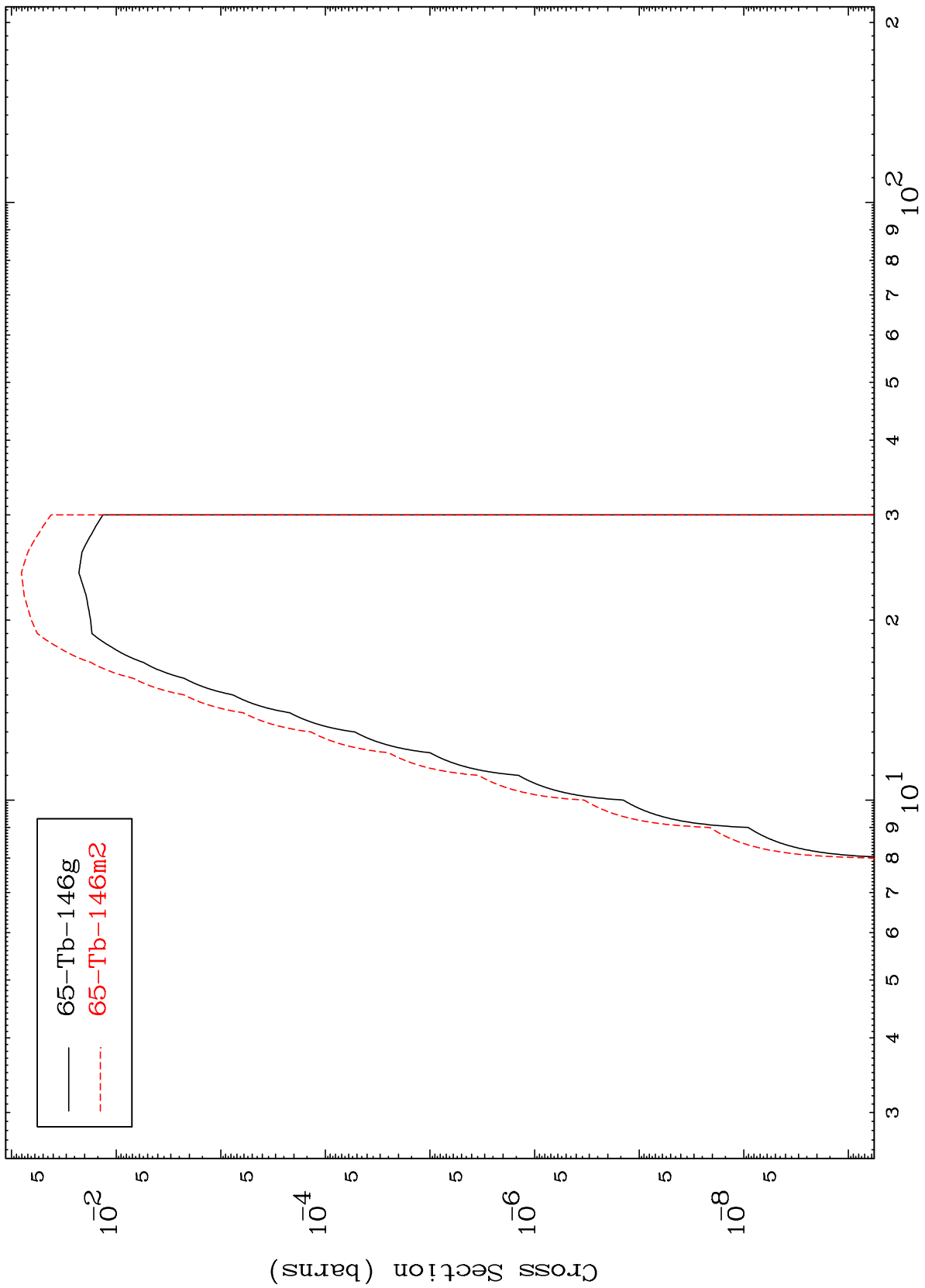
Radionuclide Production Cross Section



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64-Gd-145m

(n,d)
Radionuclide Production Cross Section



— 65-Tb-146g
- - - 65-Tb-146m2

64-Gd-145m

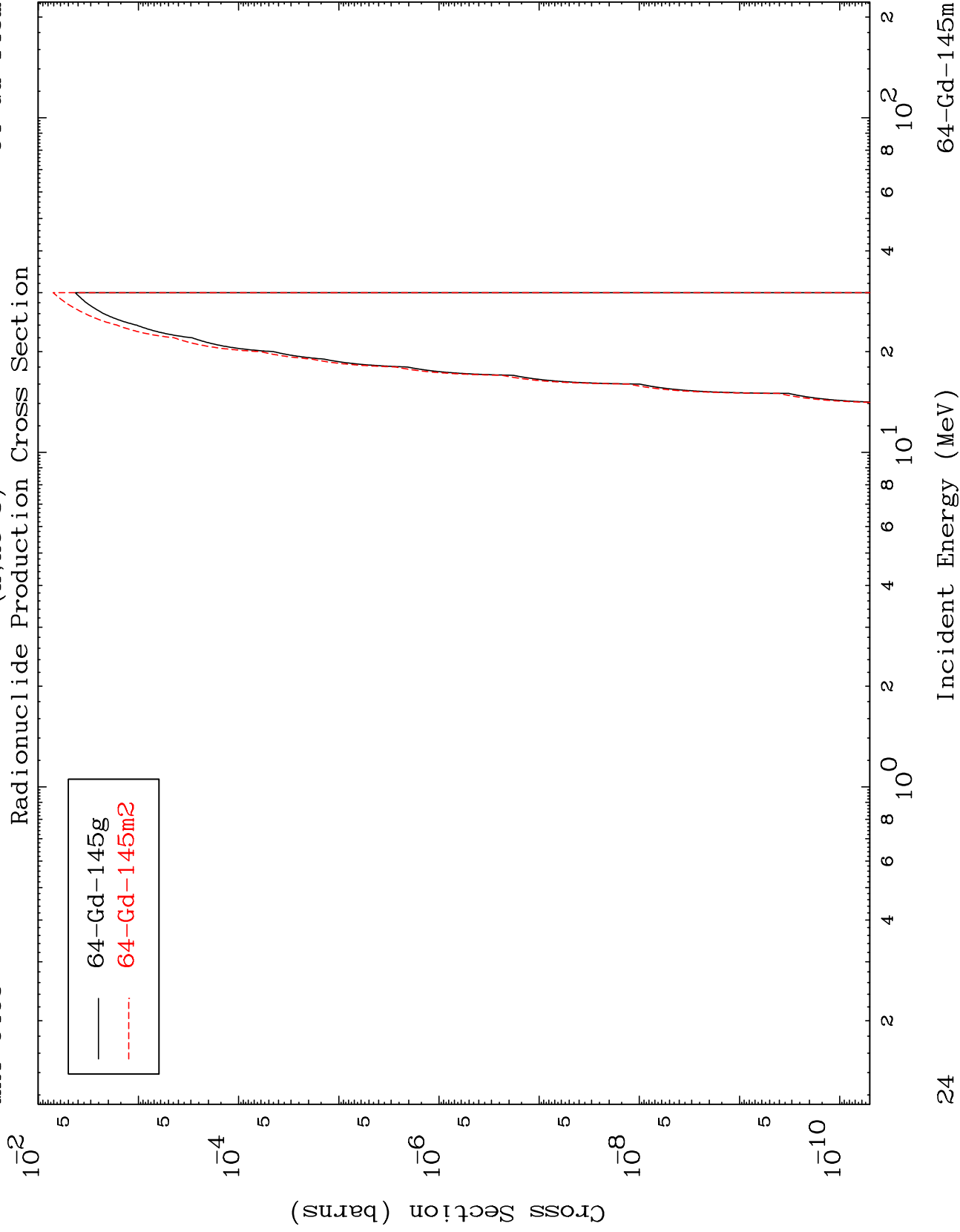
Incident Energy (MeV)

23

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(n,He-3)

64-Gd-145m

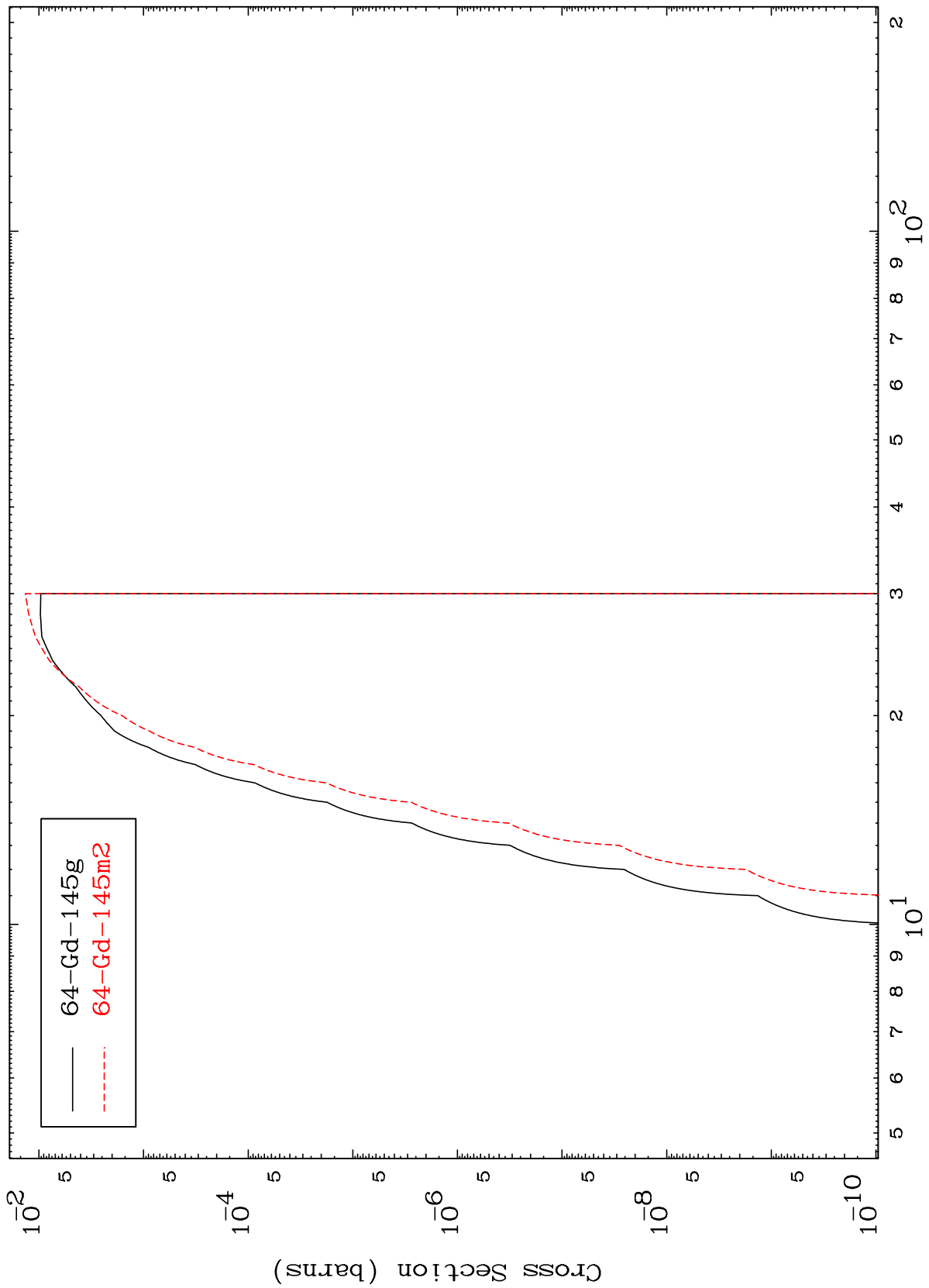


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(n,p) d

64-Gd-145m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

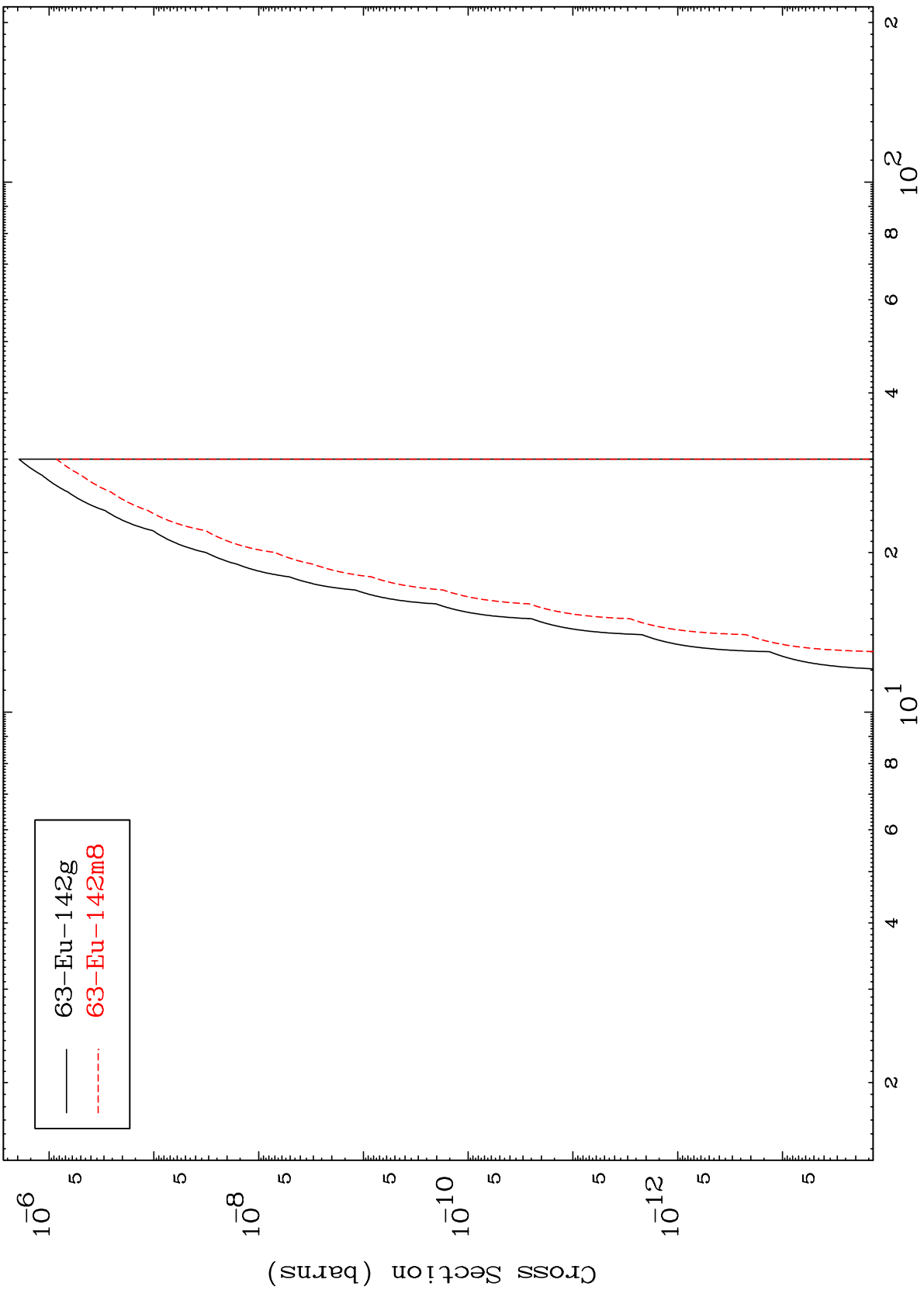
64-Gd-145m

MAT 6405

(n,d) α

64-Gd-145m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

64-Gd-145m