

Program EVALPLOT
(Version 2021-1)

by

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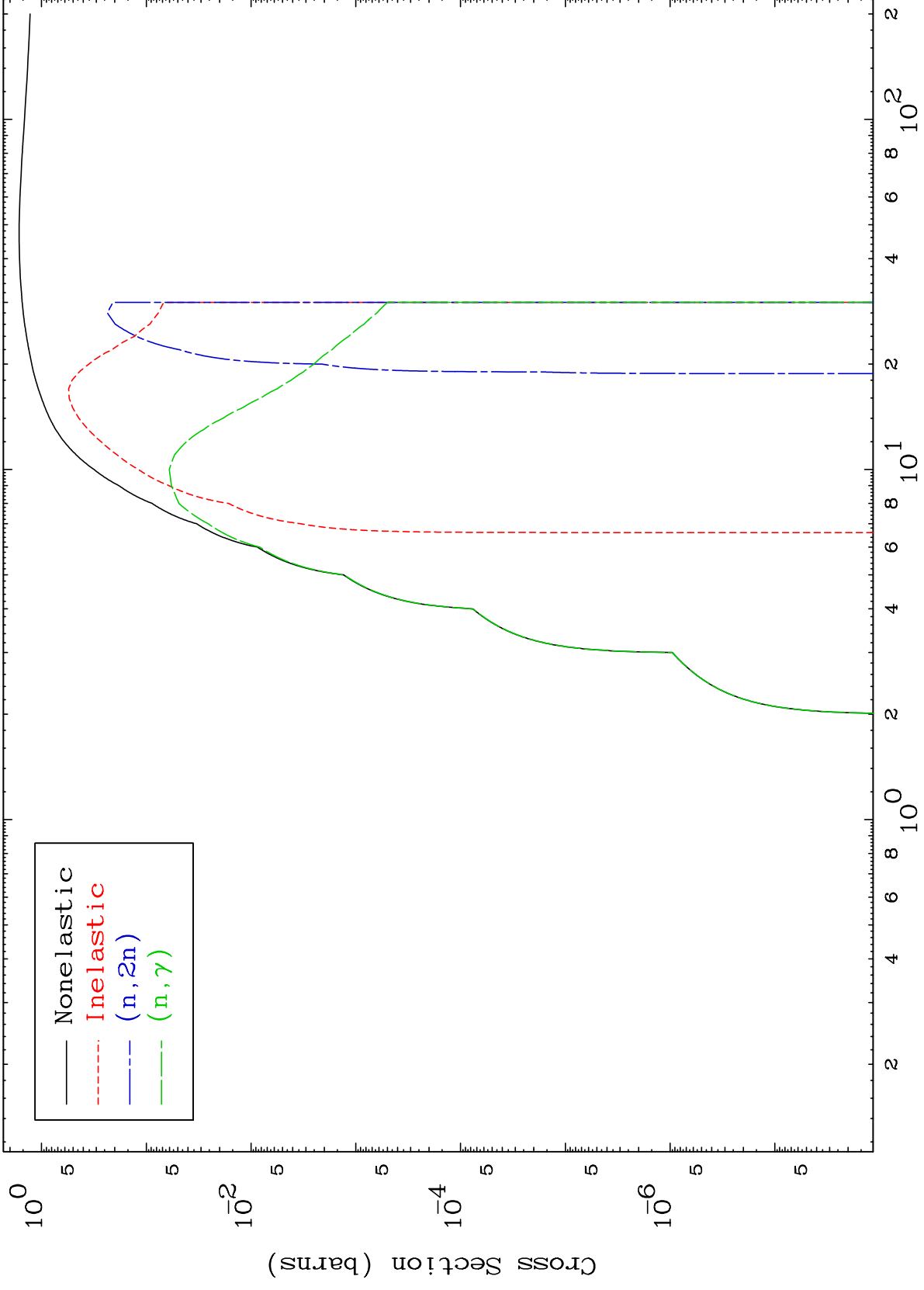
Press Mouse Button to Start

MAT 6405

Proton Major

64-Gd-145m

0 Kelvin Cross Sections

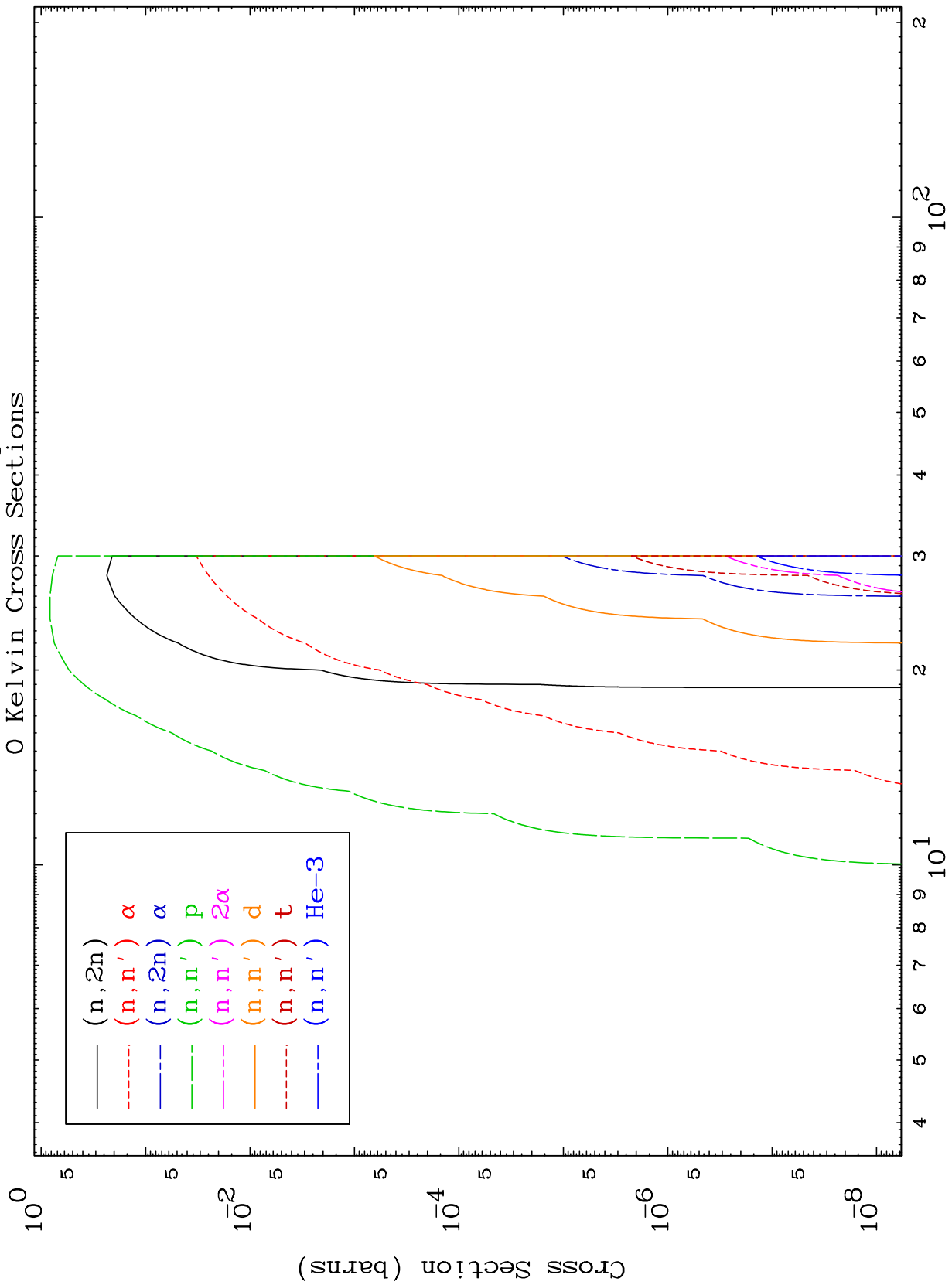


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

MAT 6405

Proton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-145m



64-Gd-145m

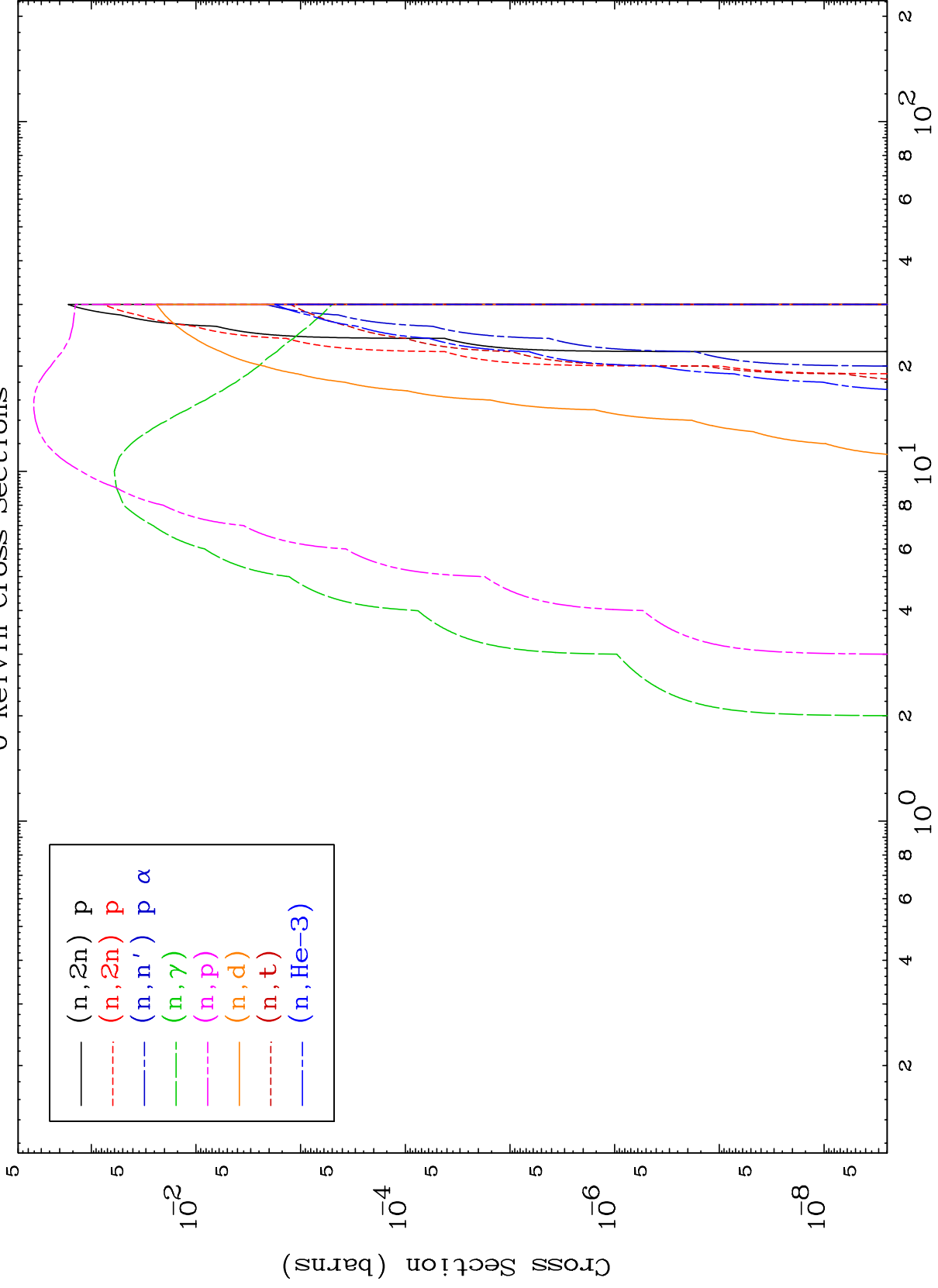
Incident Energy (MeV)

2

MAT 6405

Proton Neutron Absorption
0 Kelvin Cross Sections

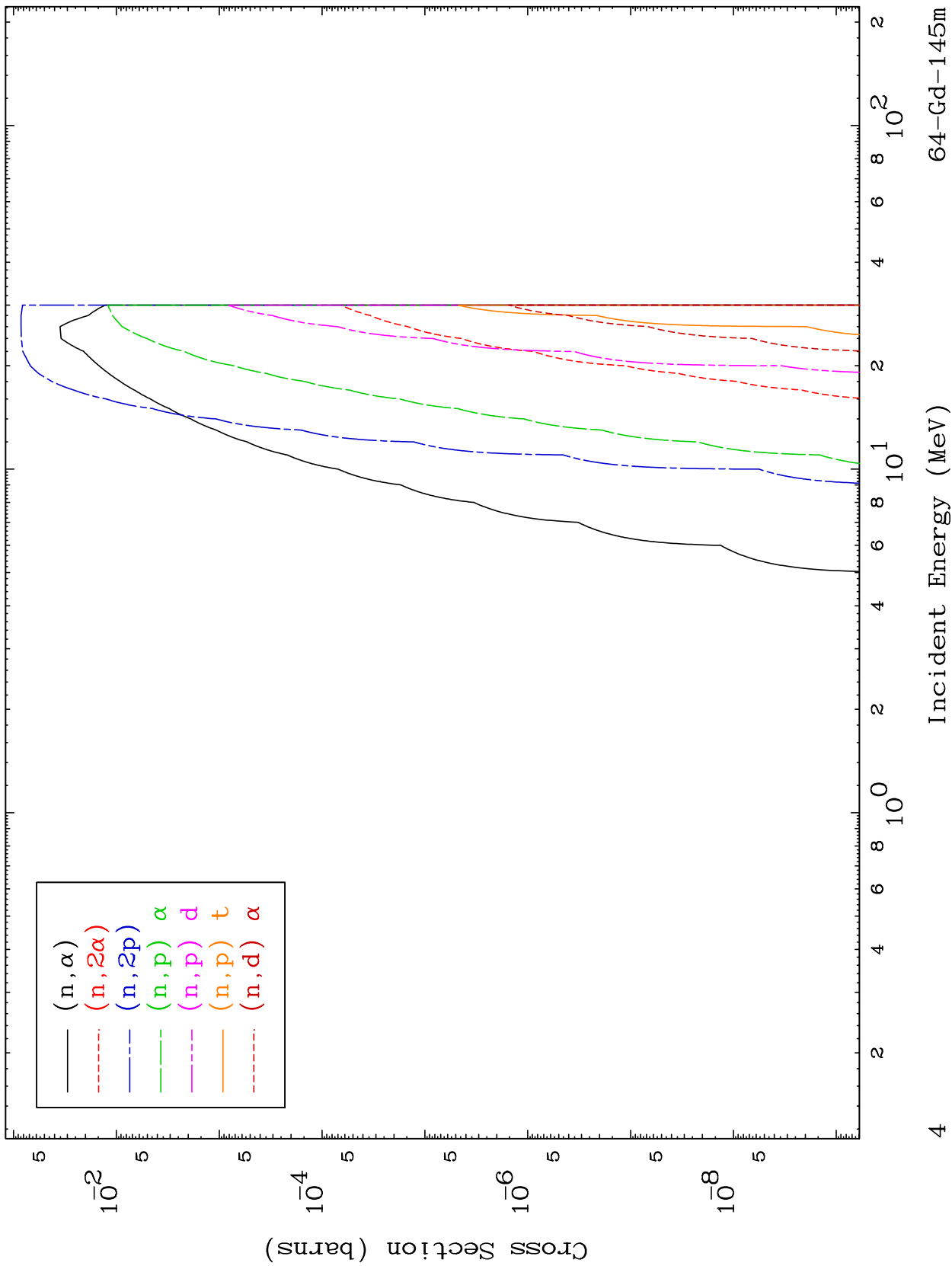
64-Gd-145m



MAT 6405

Proton Neutron Absorption
0 Kelvin Cross Sections

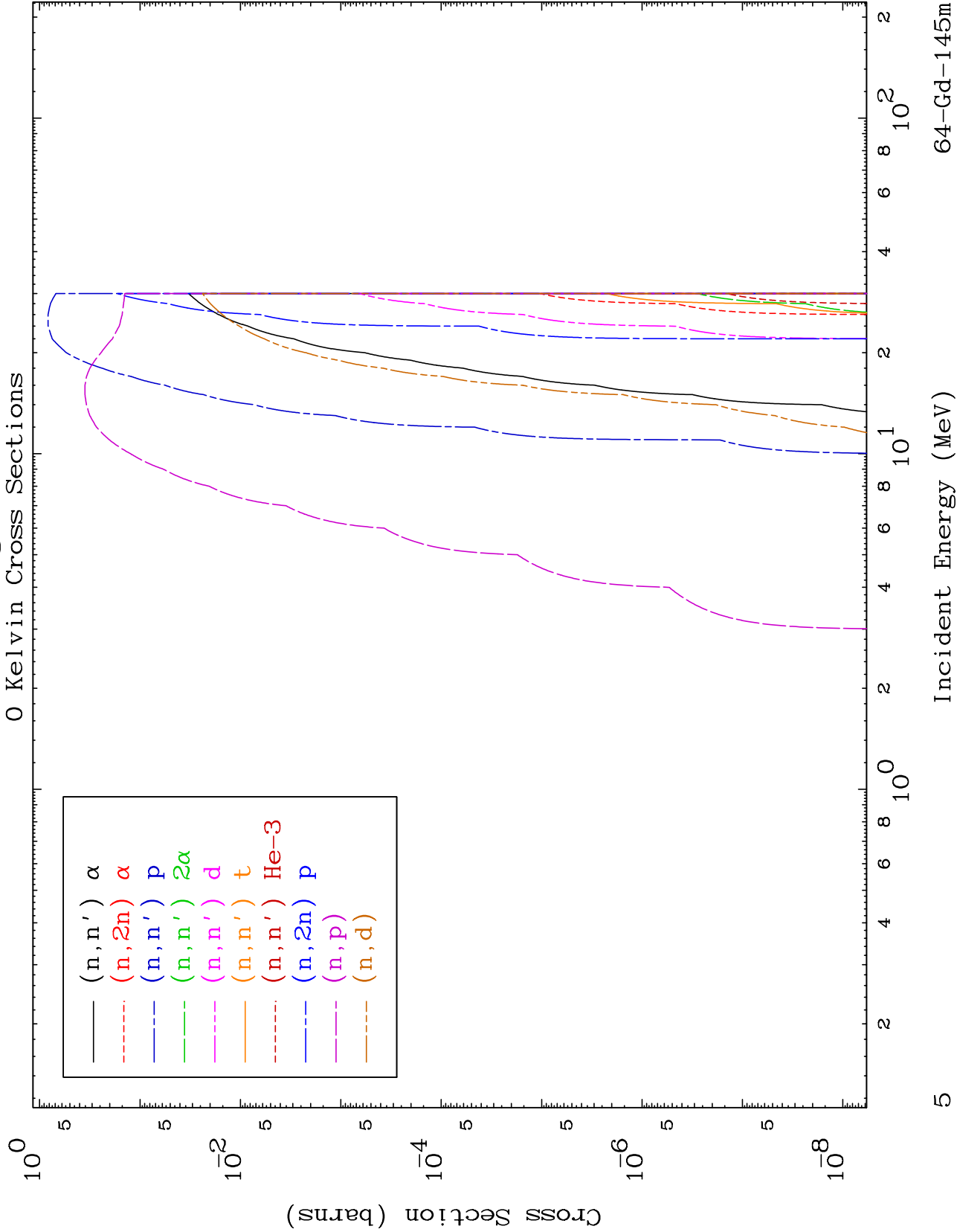
64-Gd-145m



MAT 6405

Proton Charged Particle
0 Kelvin Cross Sections

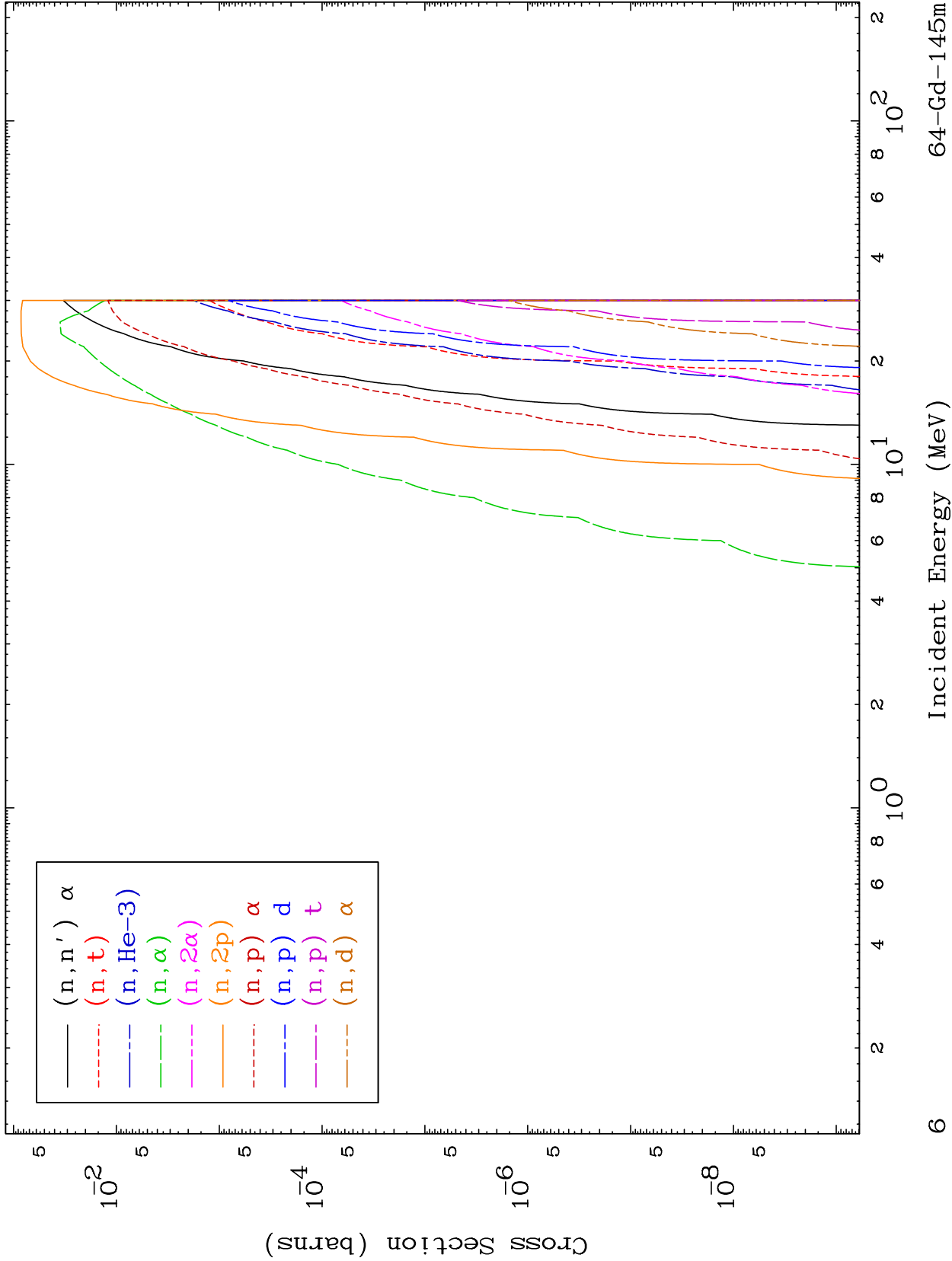
64-Gd-145m



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Proton Charged Particle
0 Kelvin Cross Sections

64-Gd-145m

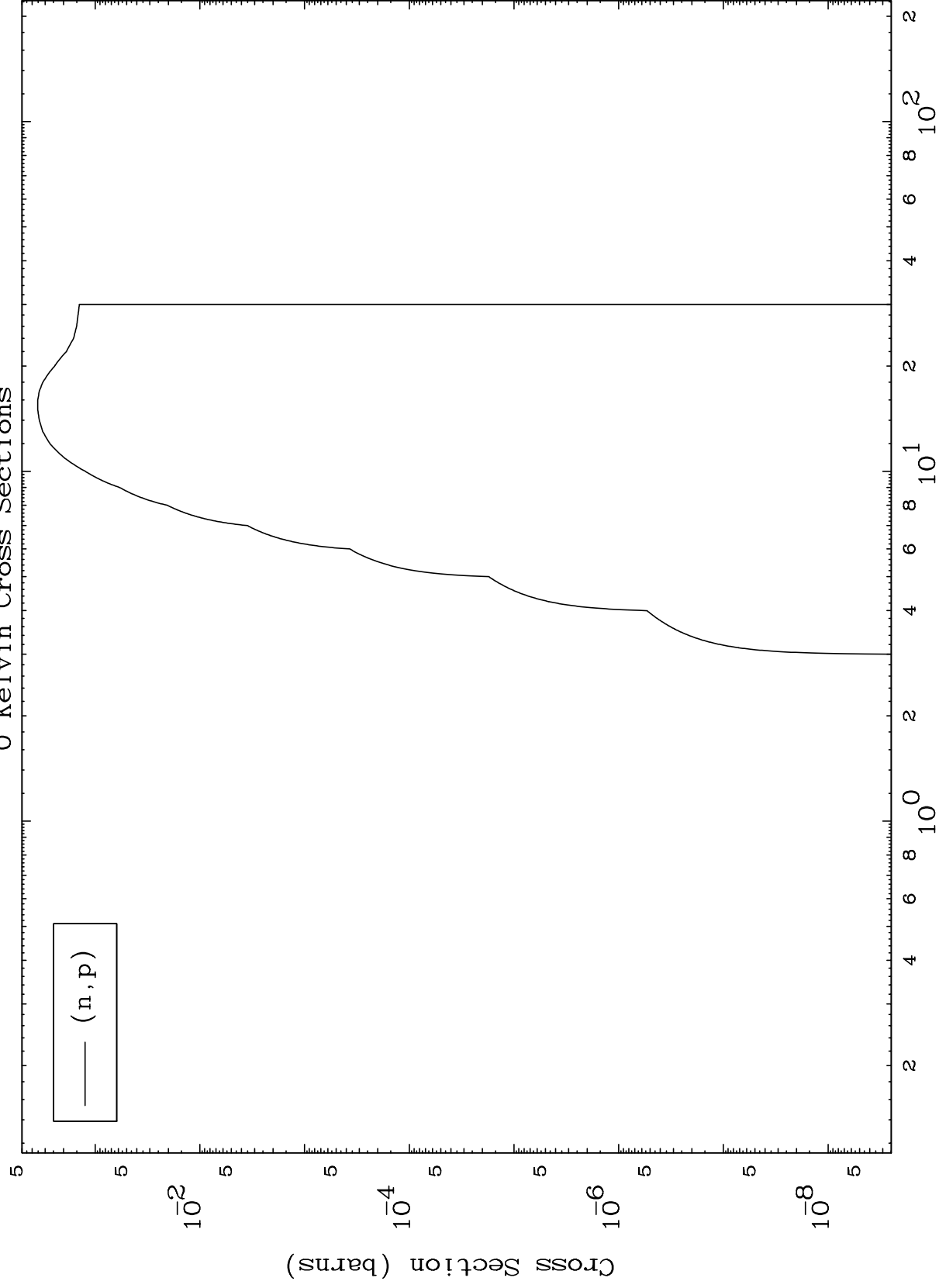


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(p,p) Levels

64-Gd-145m

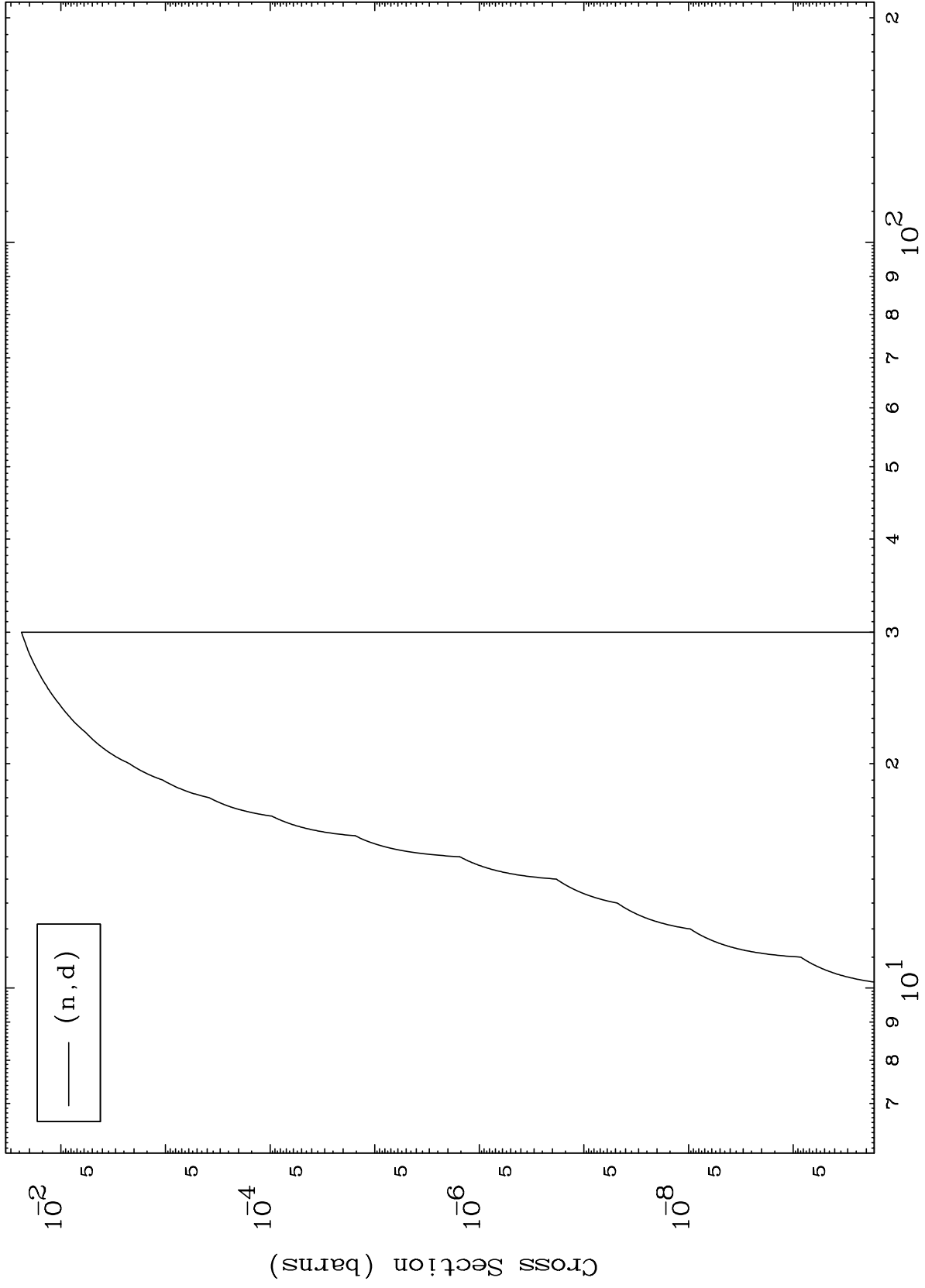
0 Kelvin Cross Sections



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(p,d) Levels
0 Kelvin Cross Sections

64-Gd-145m



8

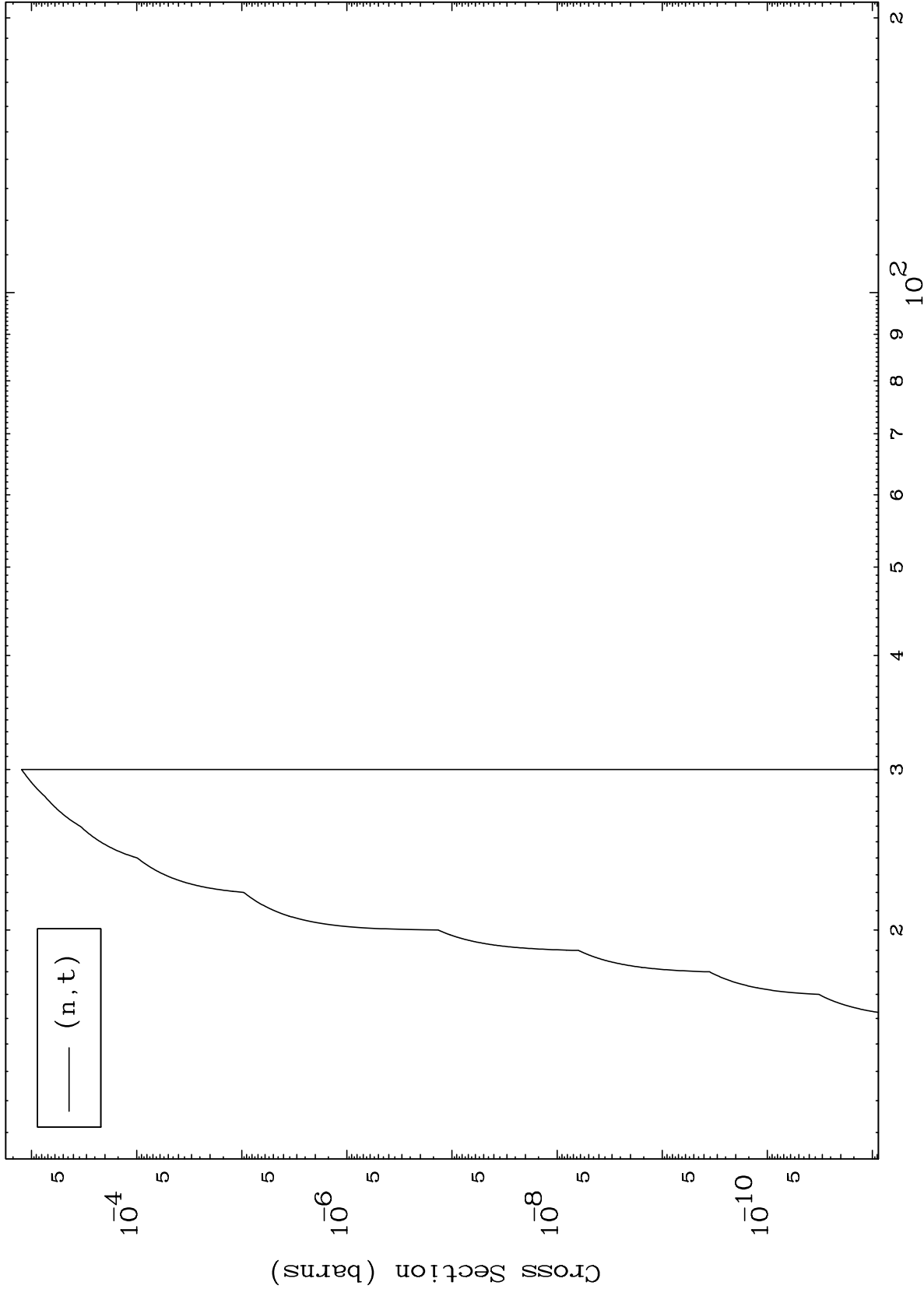
Incident Energy (MeV)

64-Gd-145m

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(p,t) Levels
0 Kelvin Cross Sections

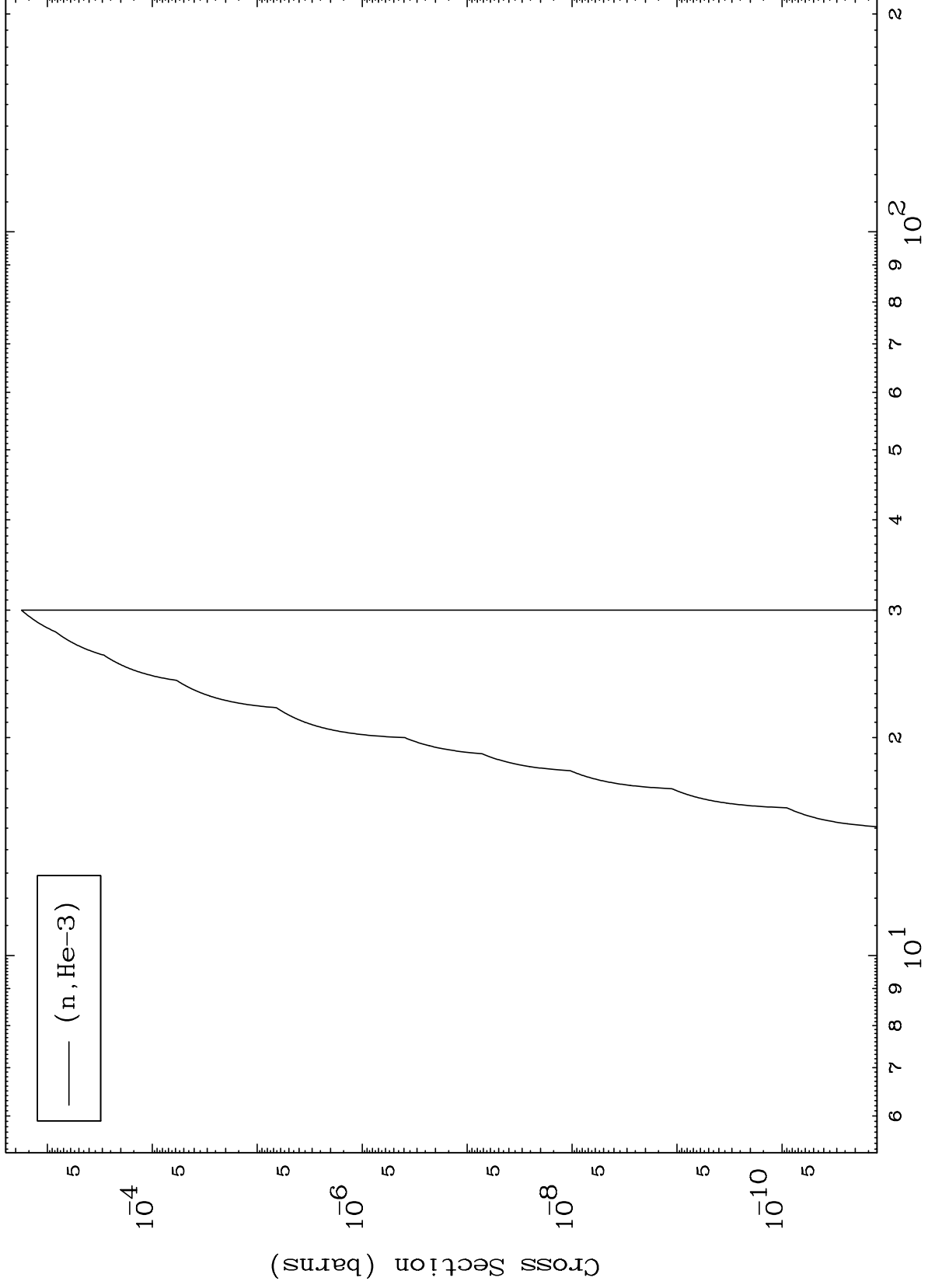
64-Gd-145m



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(p,He3) Levels
0 Kelvin Cross Sections

64-Gd-145m



10

Incident Energy (MeV)

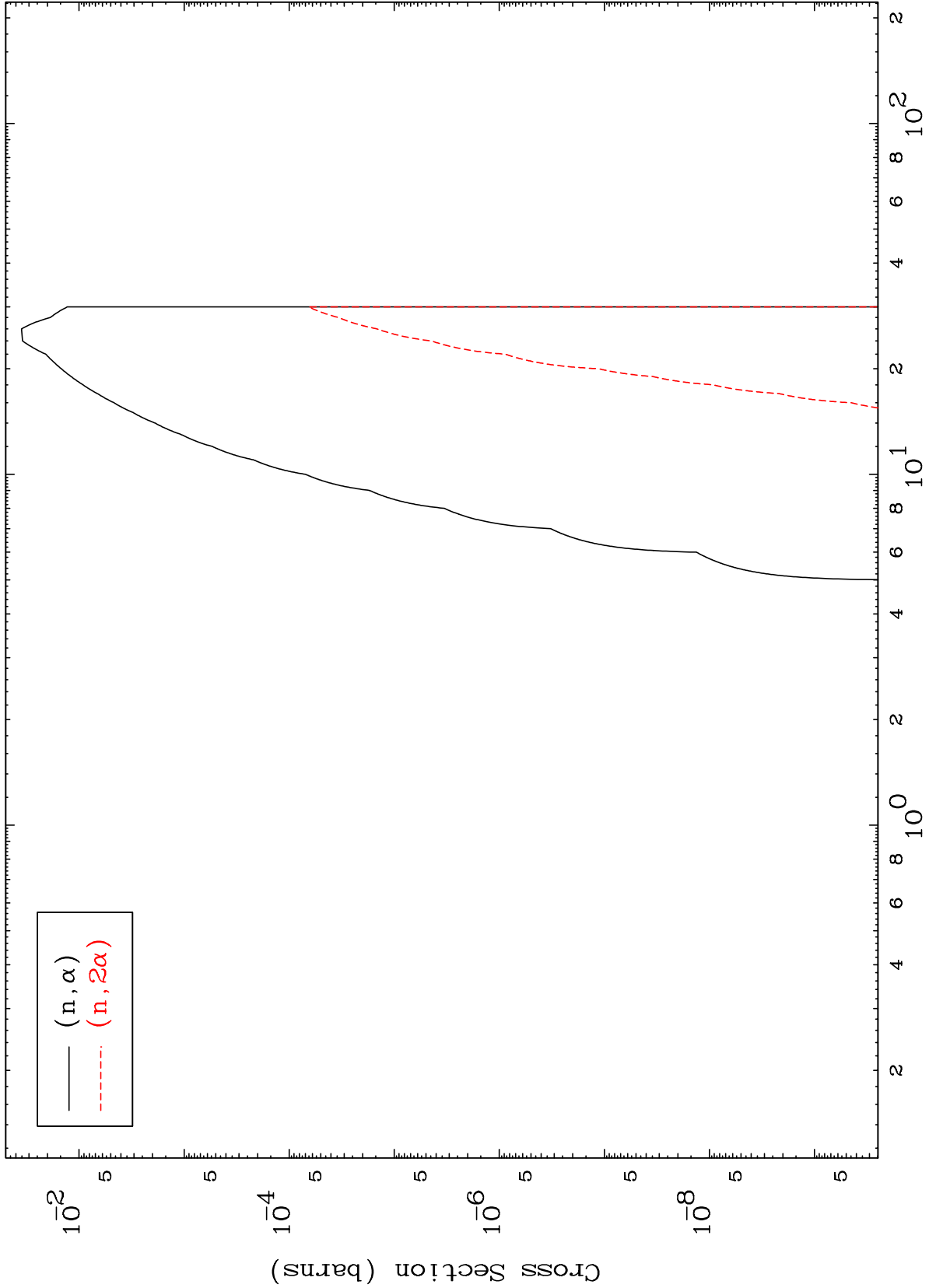
64-Gd-145m

MAT 6405

(p, α) Levels

64-Gd-145m

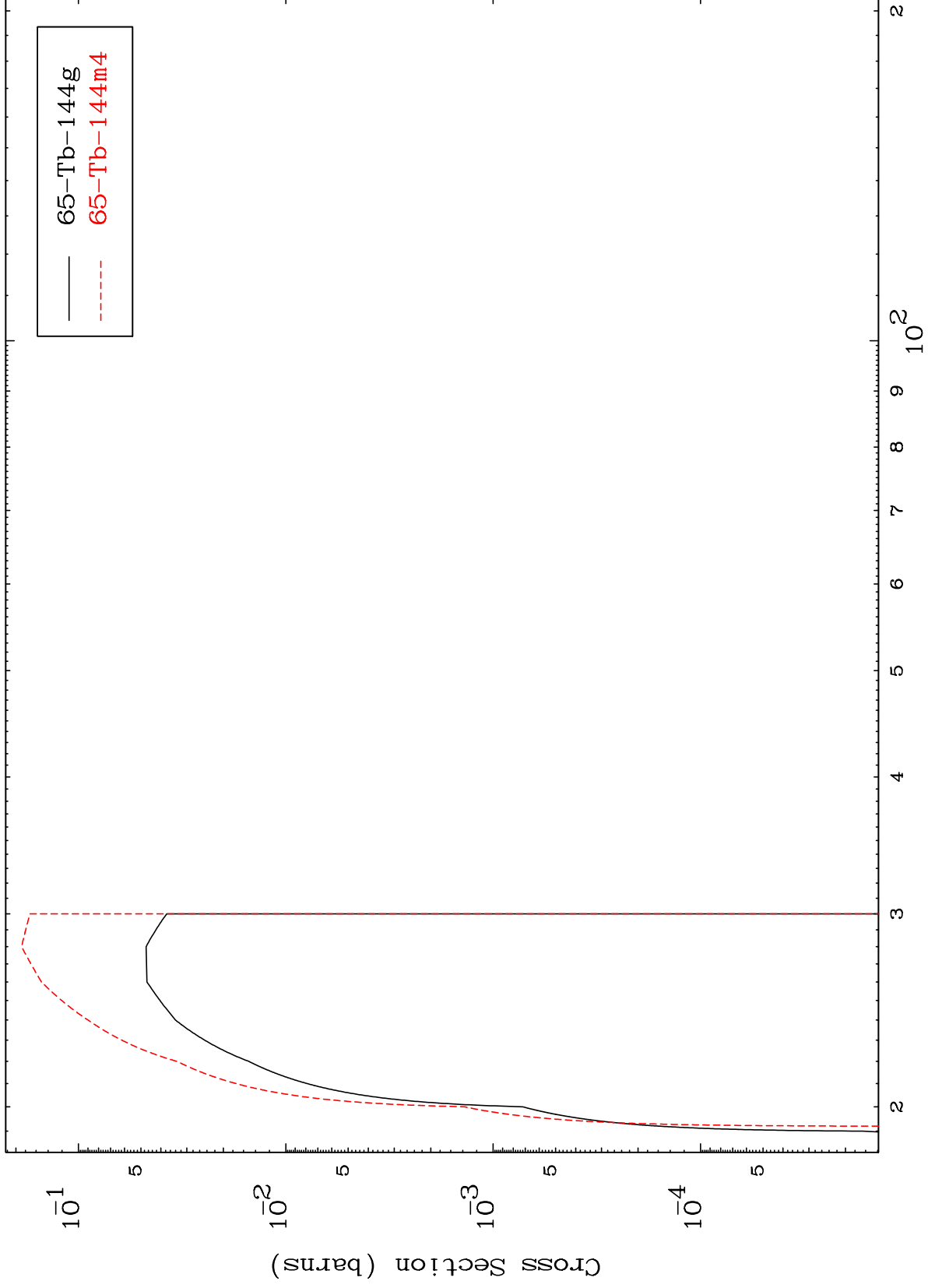
0 Kelvin Cross Sections



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64-Gd-145m

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

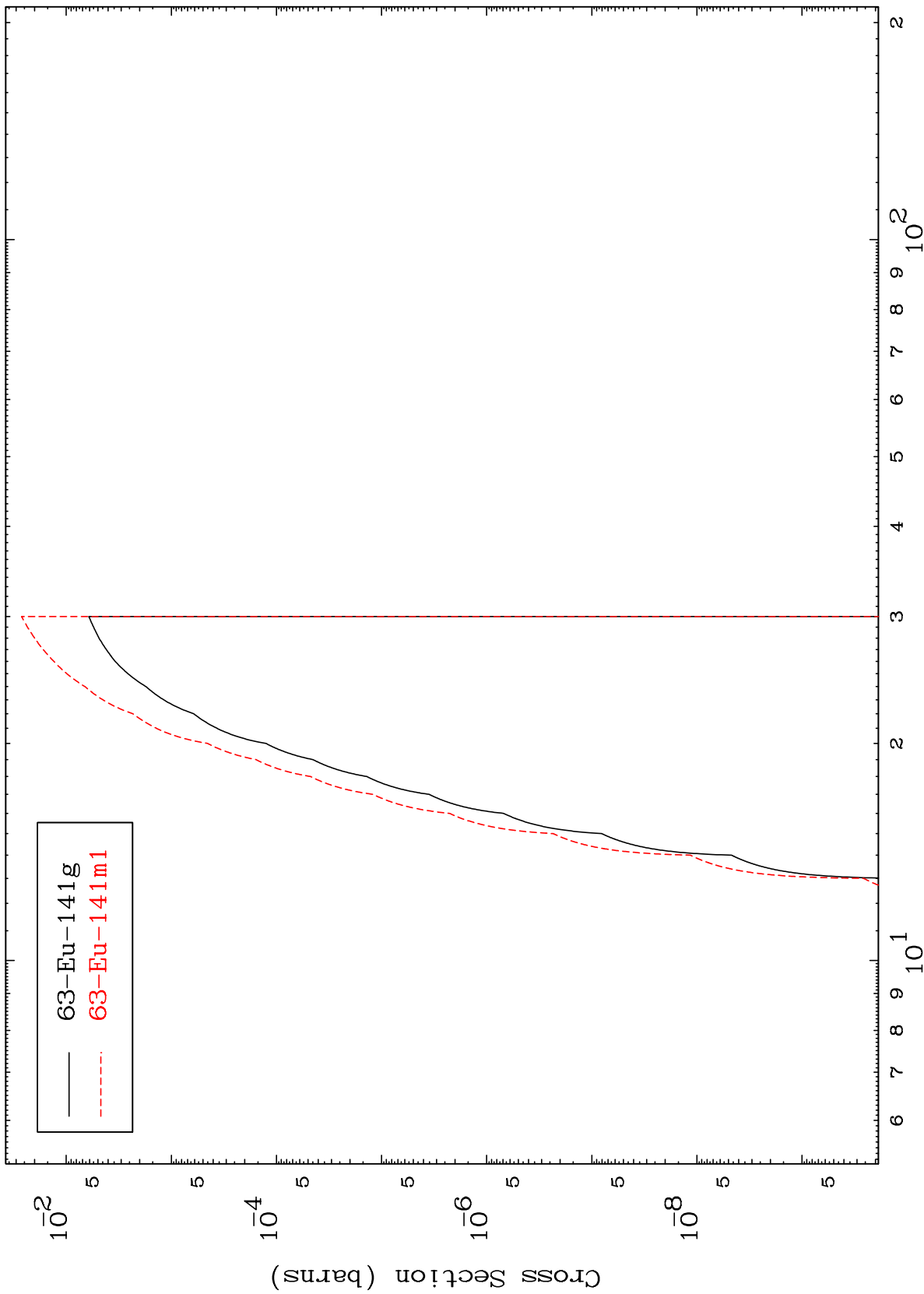
64-Gd-145m

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(n,n') α

64-Gd-145m

Radionuclide Production Cross Section

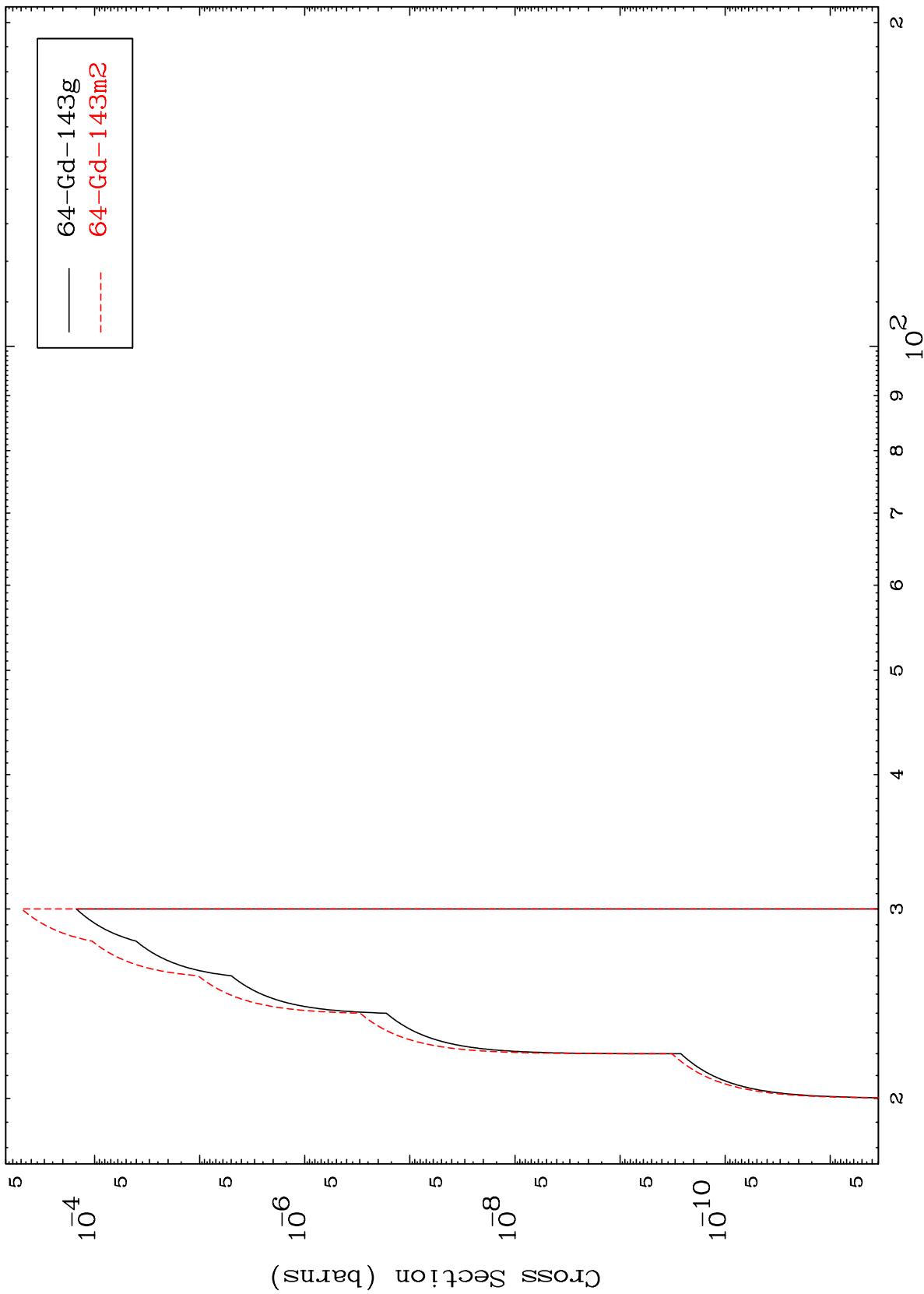


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(n,n') d

64-Gd-145m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

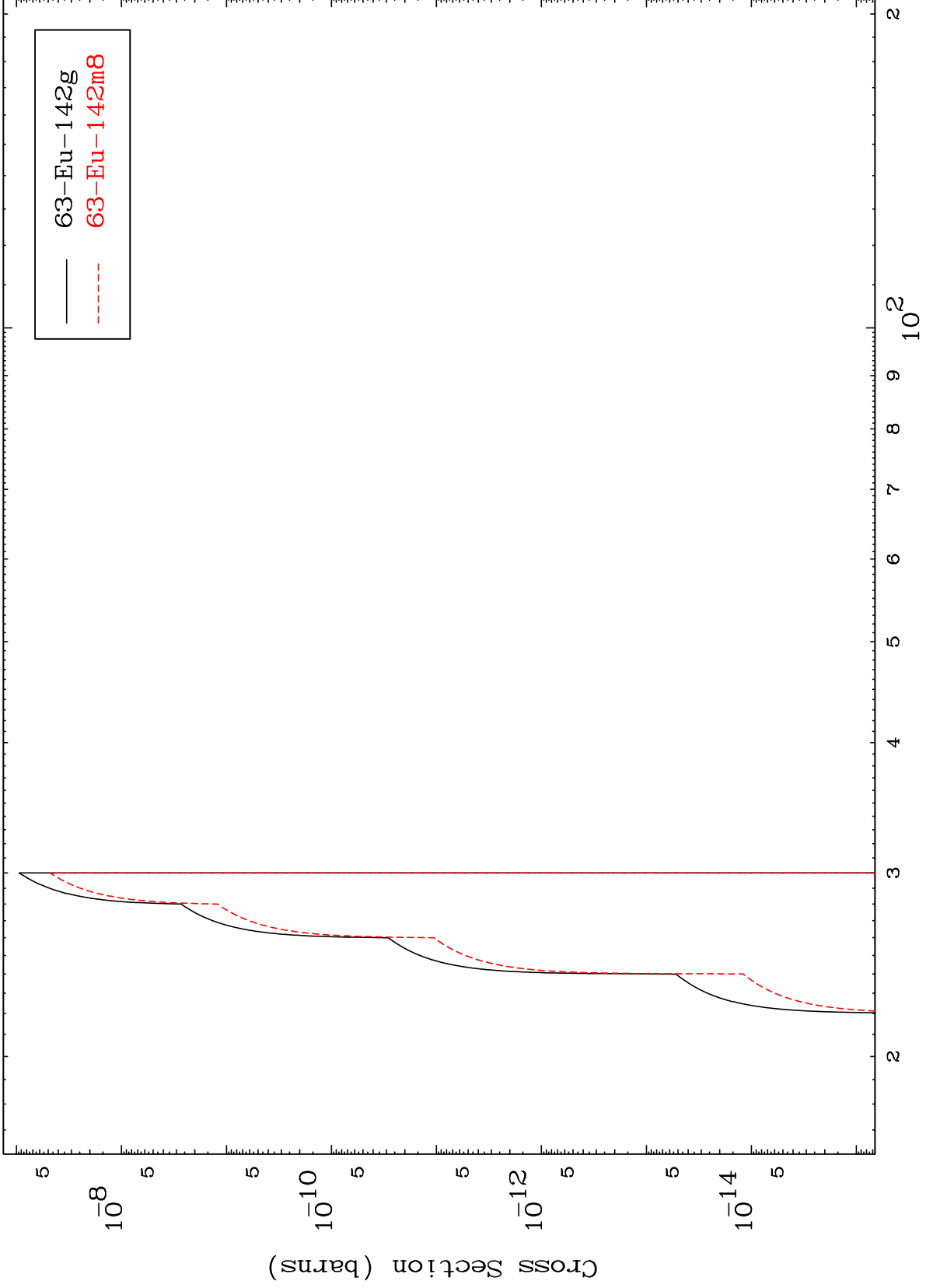
64-Gd-145m

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(n,n') He-3

64-Gd-145m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

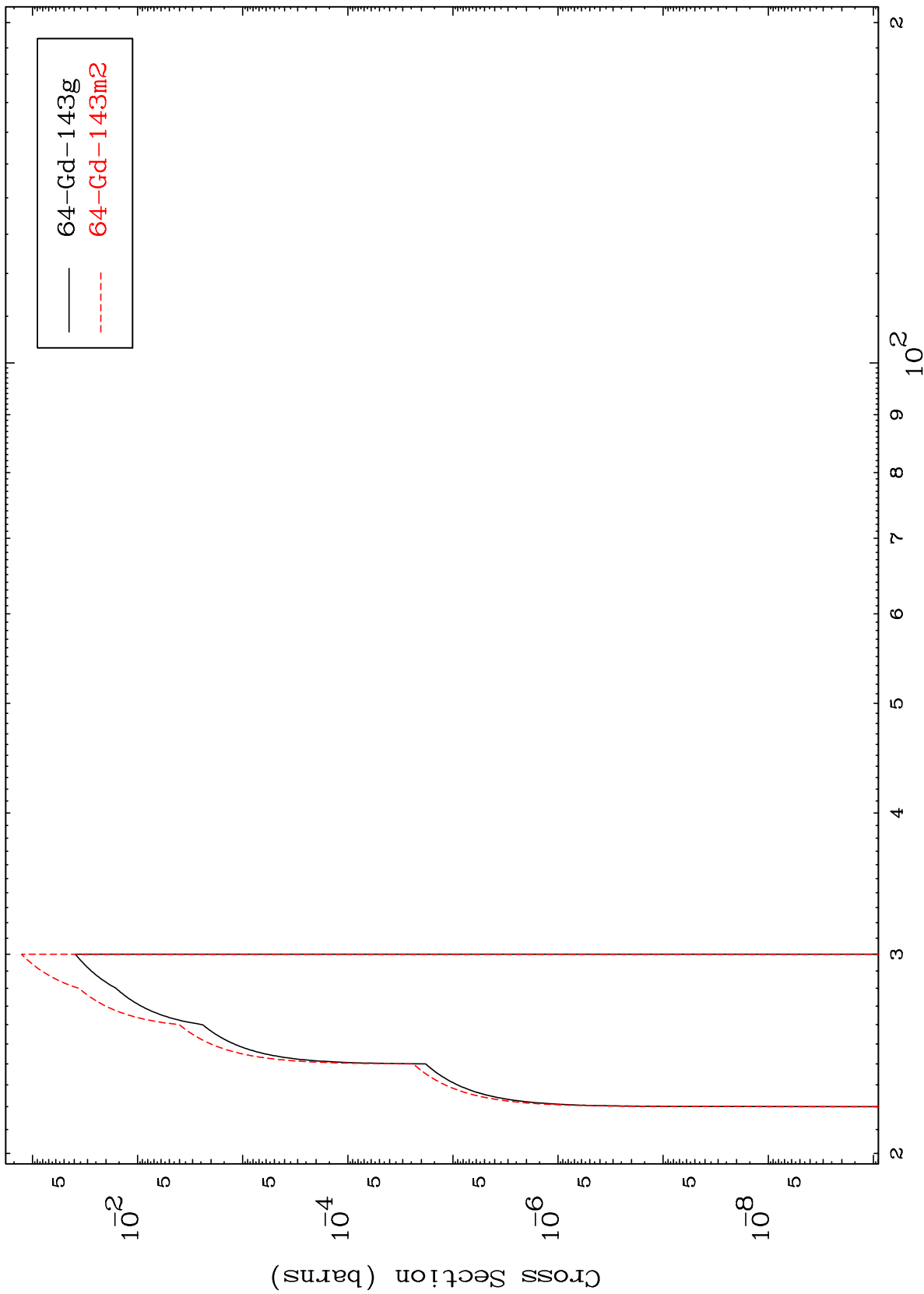
64-Gd-145m

MAT 6405

(n,2n) p

64-Gd-145m

Radionuclide Production Cross Section



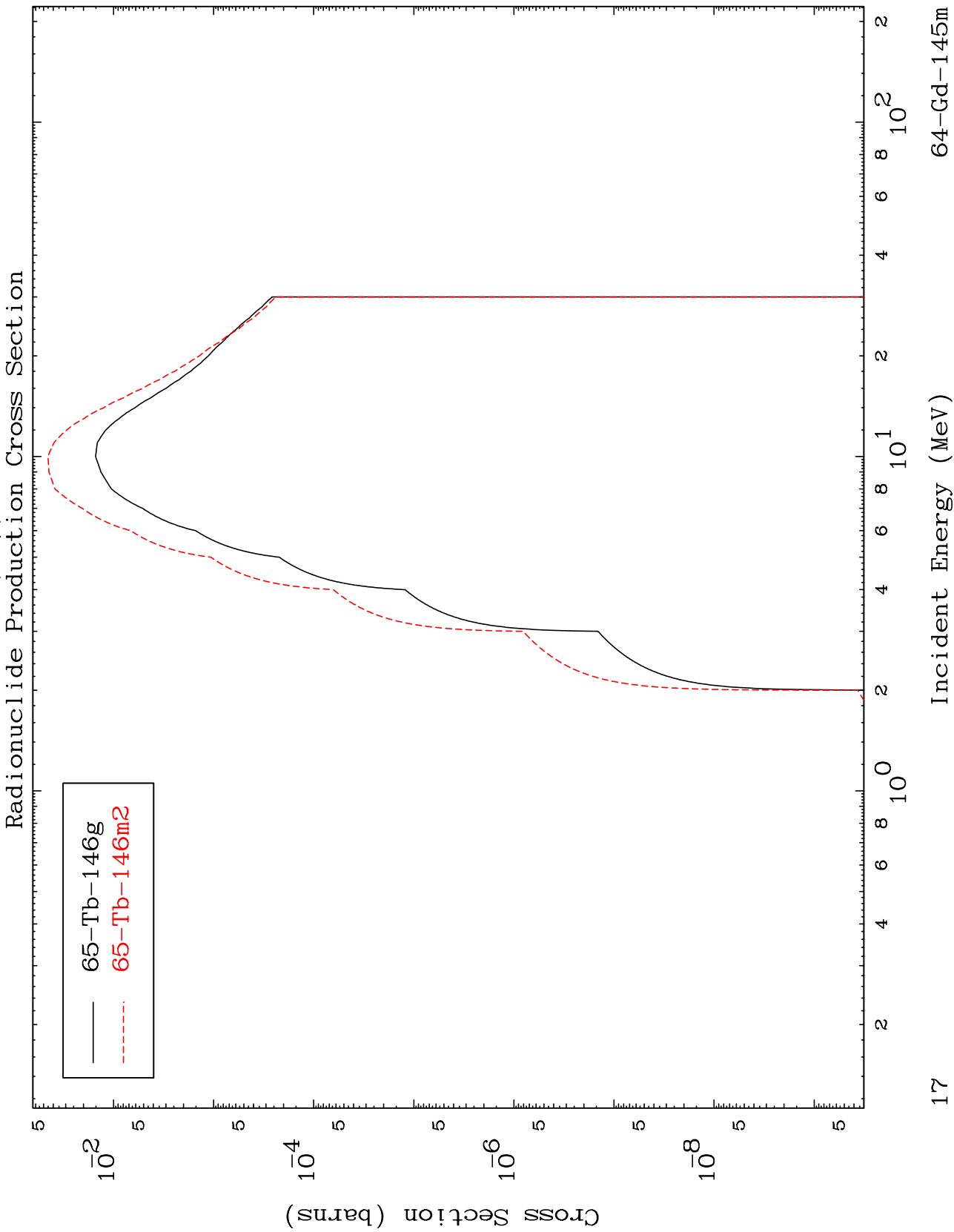
16

Incident Energy (MeV)

64-Gd-145m

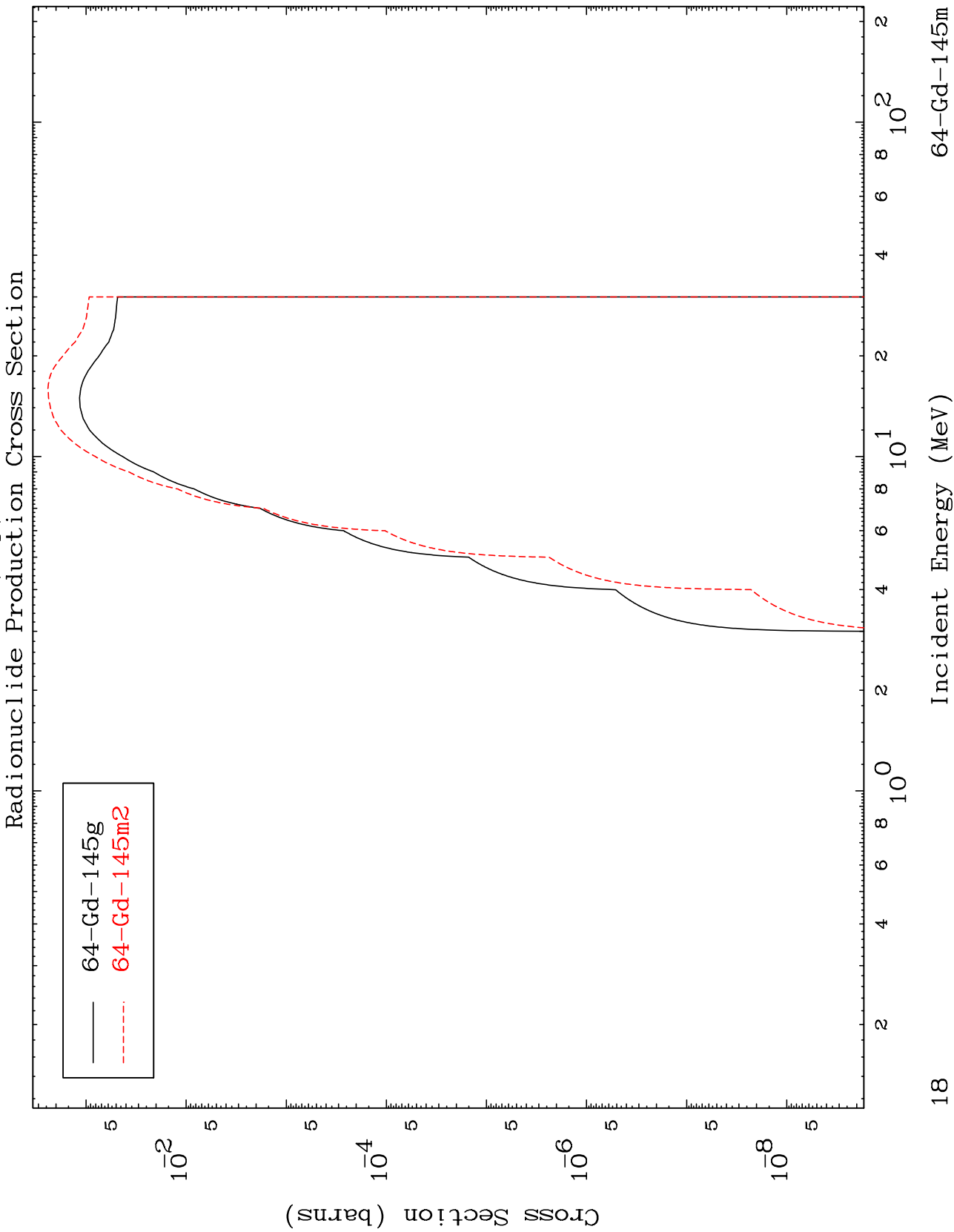
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64-Gd-145m



MAT 6405

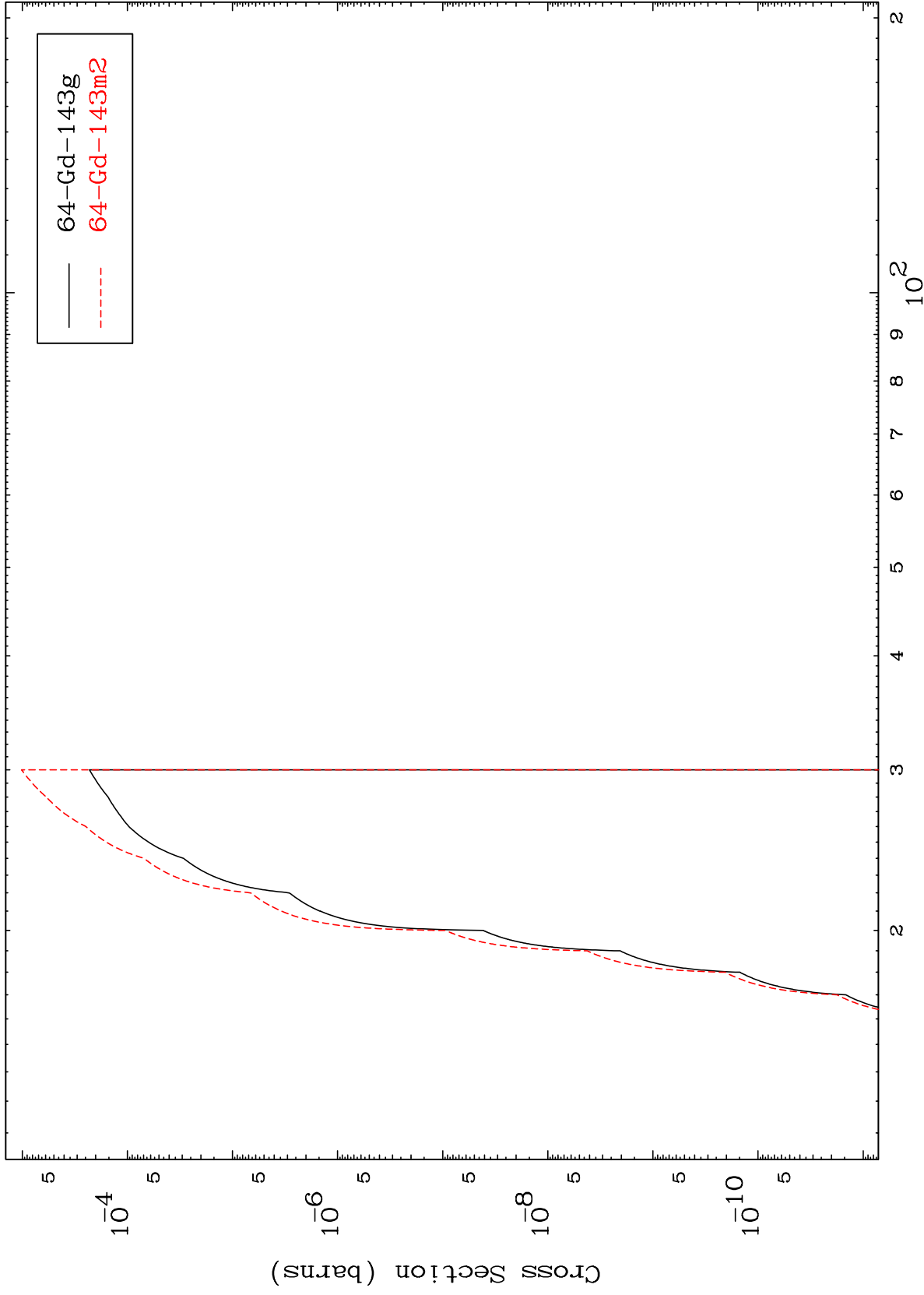
64-Gd-145m



MAT 6405

64-Gd-145m

(n, t)
Radionuclide Production Cross Section



19

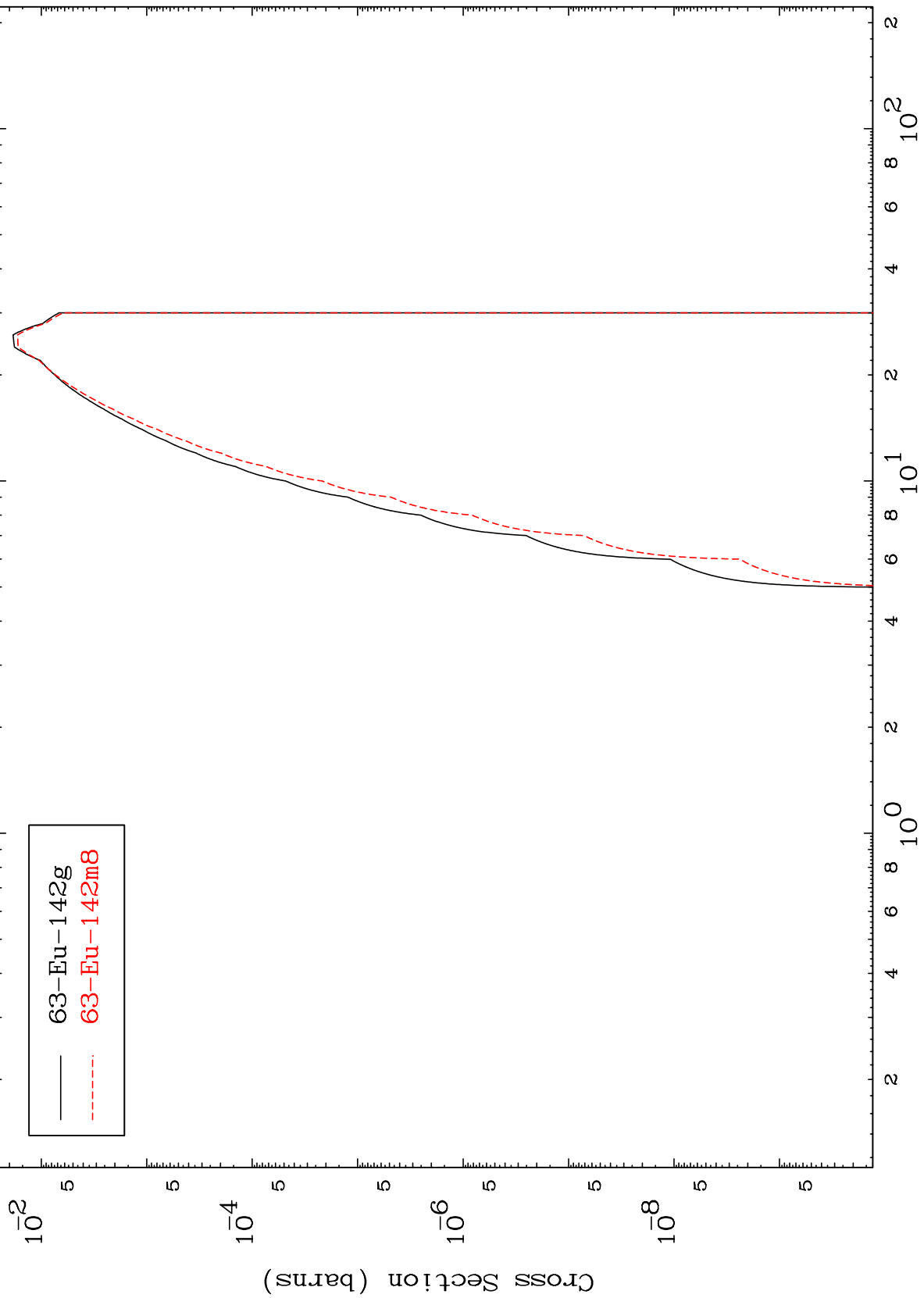
Incident Energy (MeV)

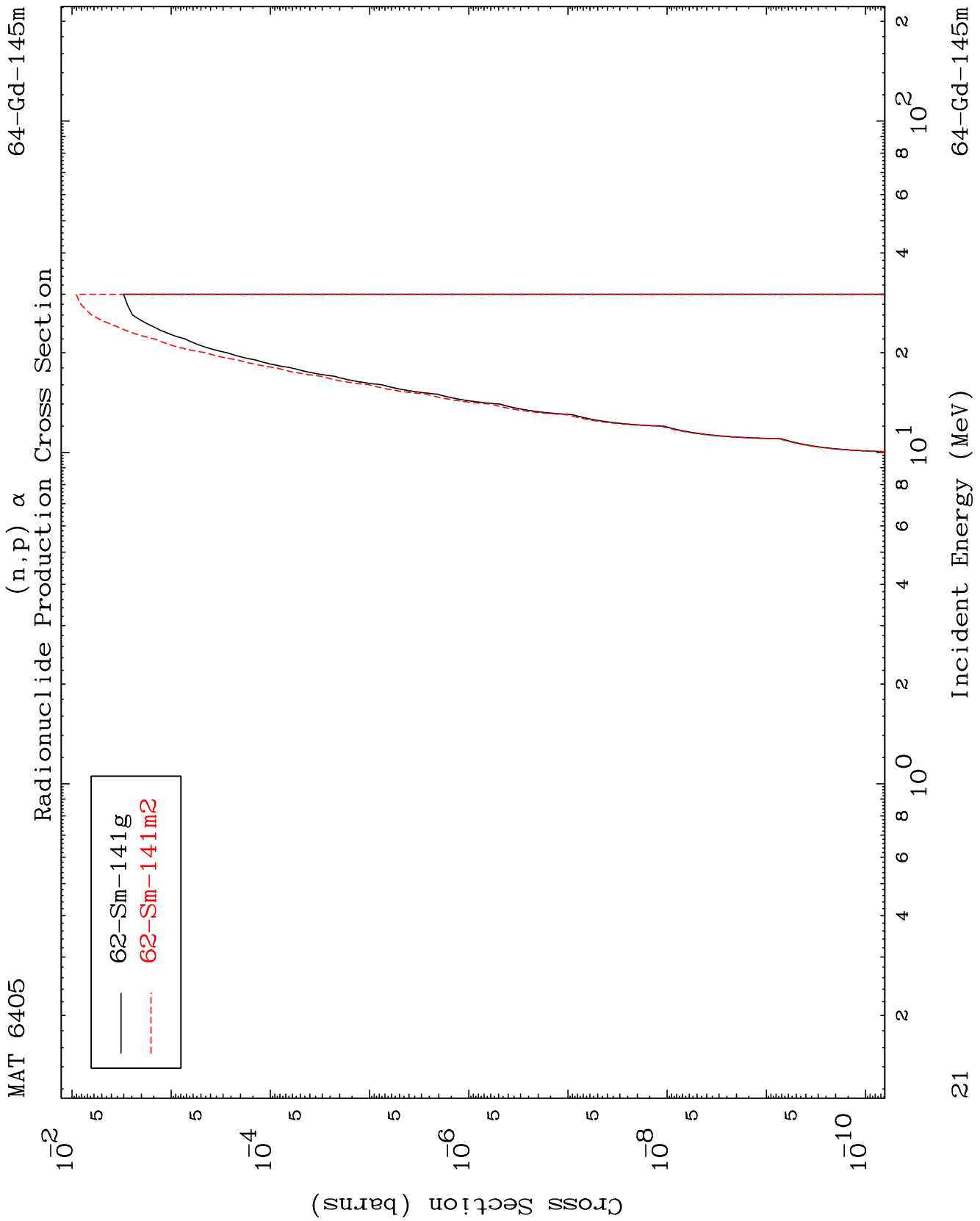
64-Gd-145m

MAT 6405

64-Gd-145m

Radionuclide Production Cross Section



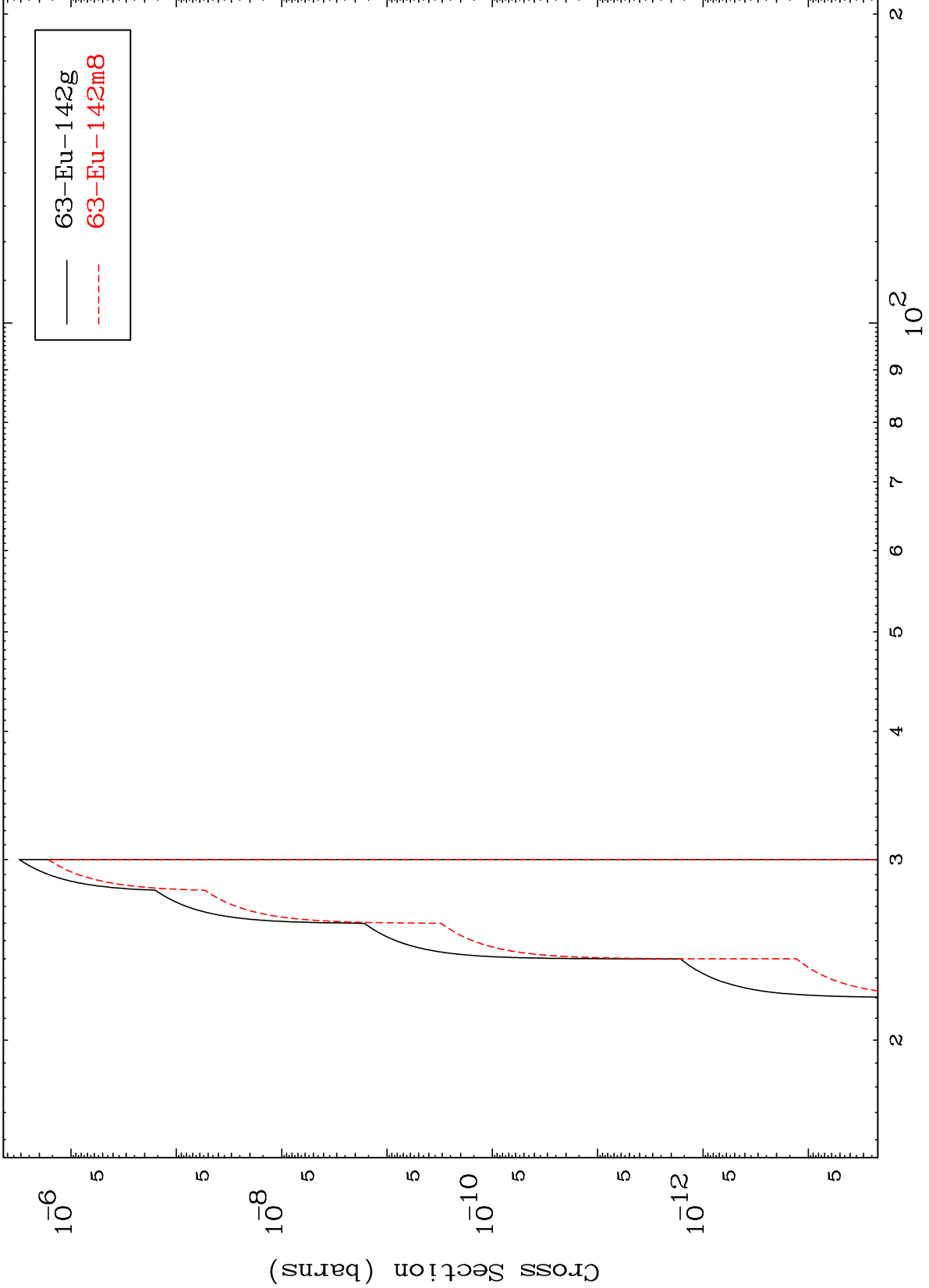


MAT 6405

(n,p) t

64-Gd-145m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

64-Gd-145m