

Program EVALPLOT
(Version 2021-1)

by

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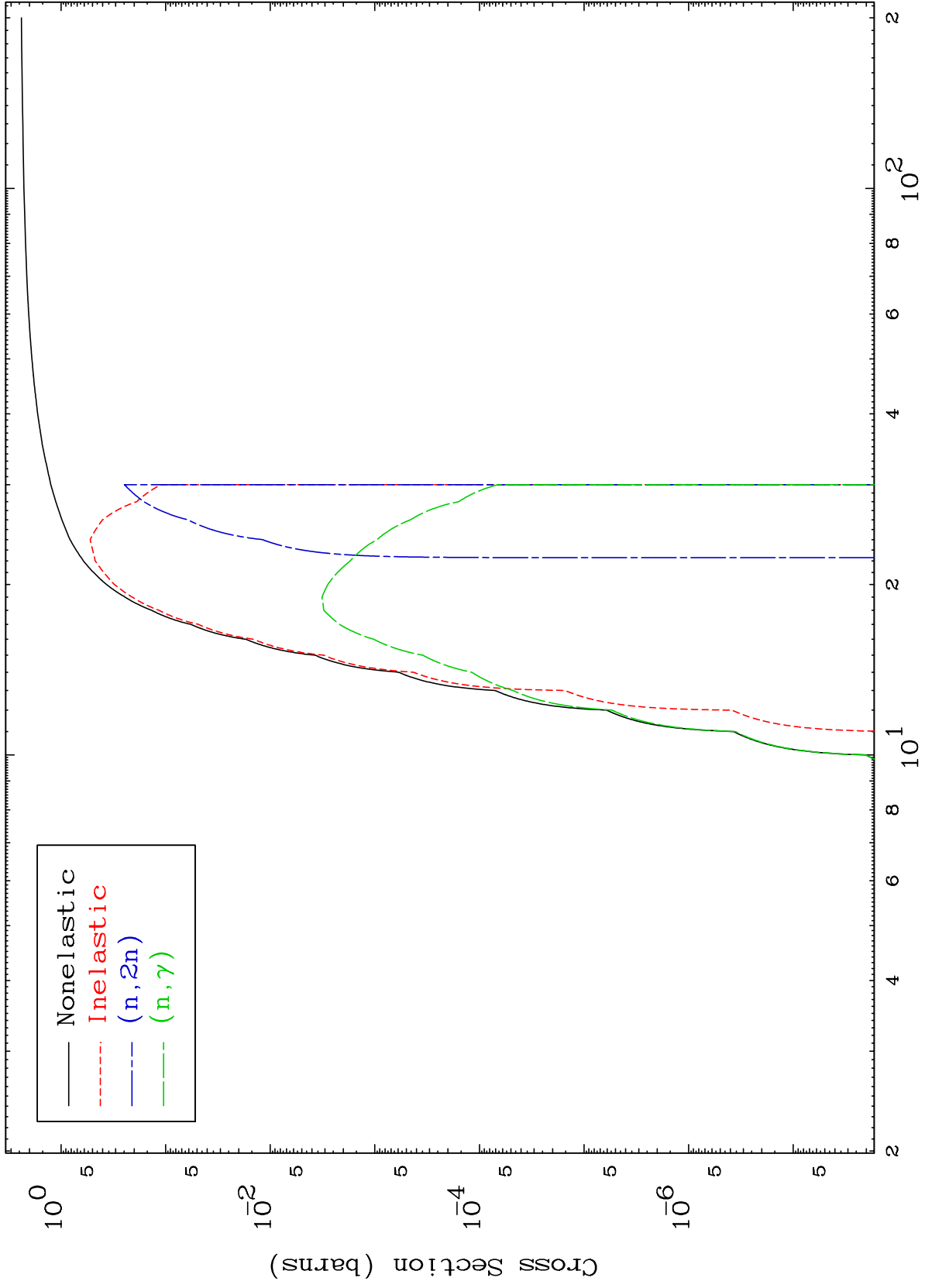
Press Mouse Button to Start

MAT 6405

0 Kelvin Cross Sections

α Major

64-Gd-145m



1

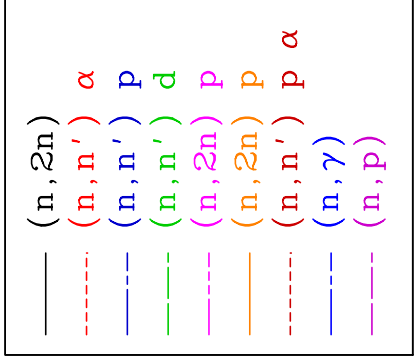
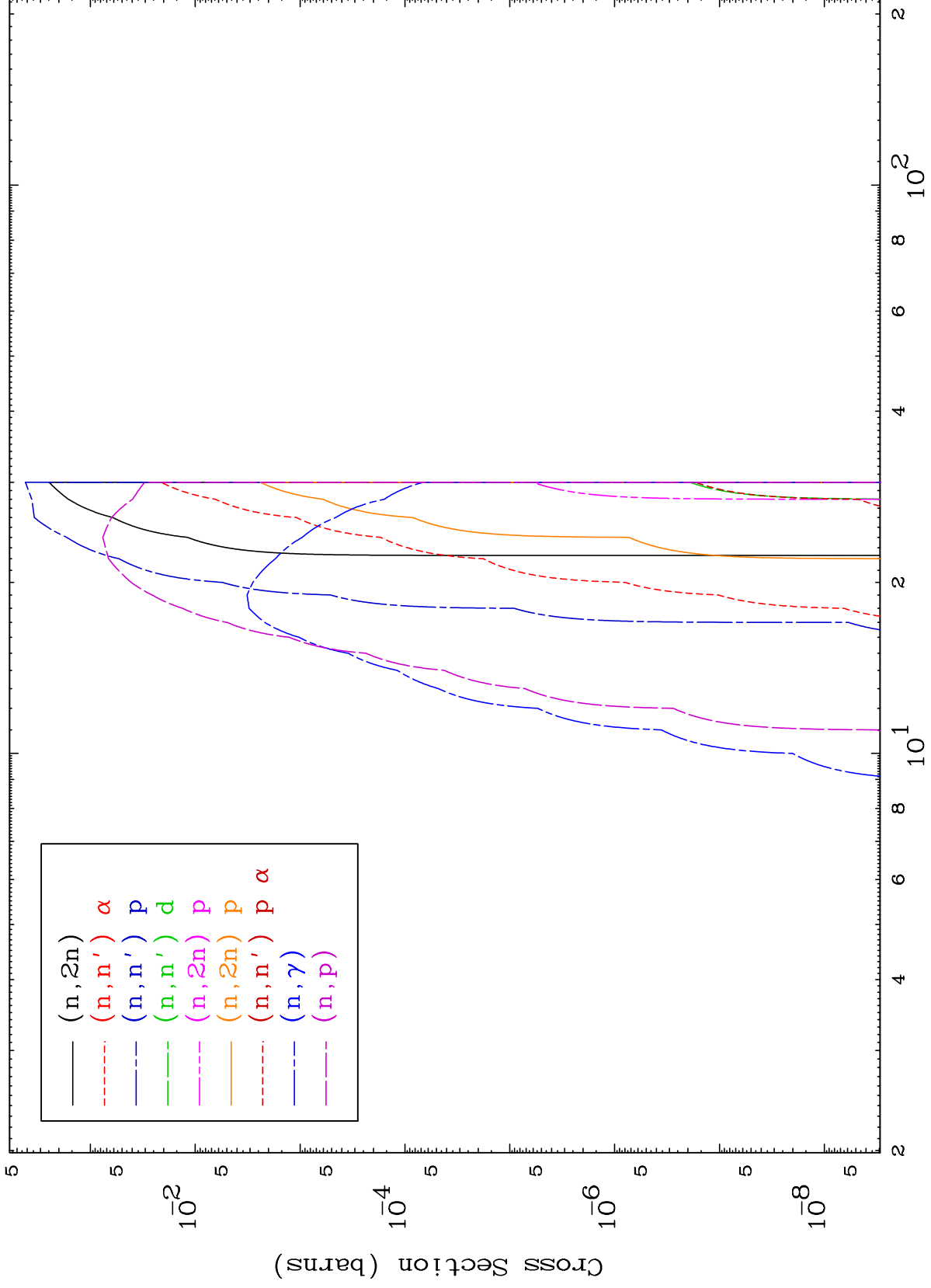
Incident Energy (MeV)

64-Gd-145m

MAT 6405

α Neutron Absorption
0 Kelvin Cross Sections

64-Gd-145m



2

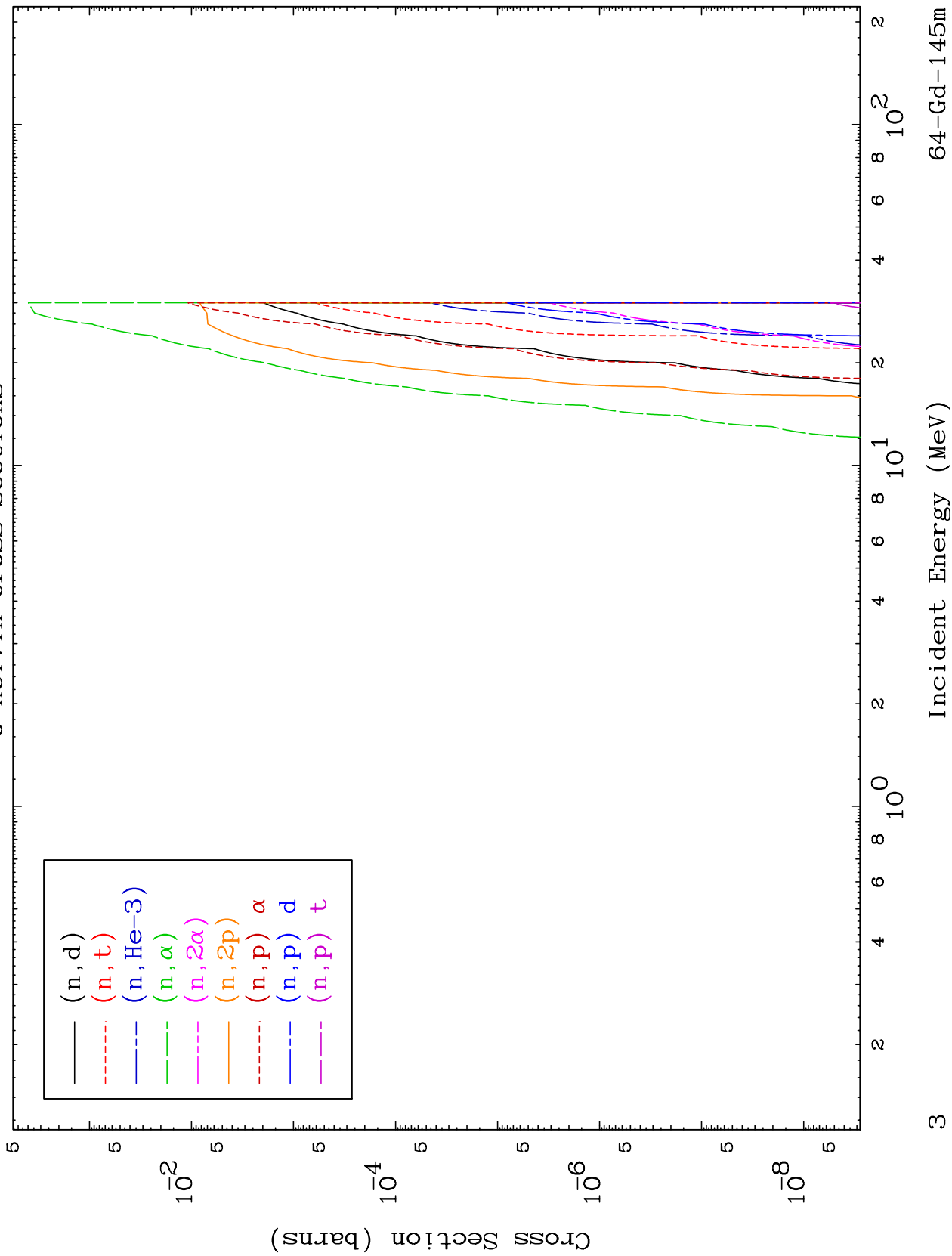
Incident Energy (MeV)

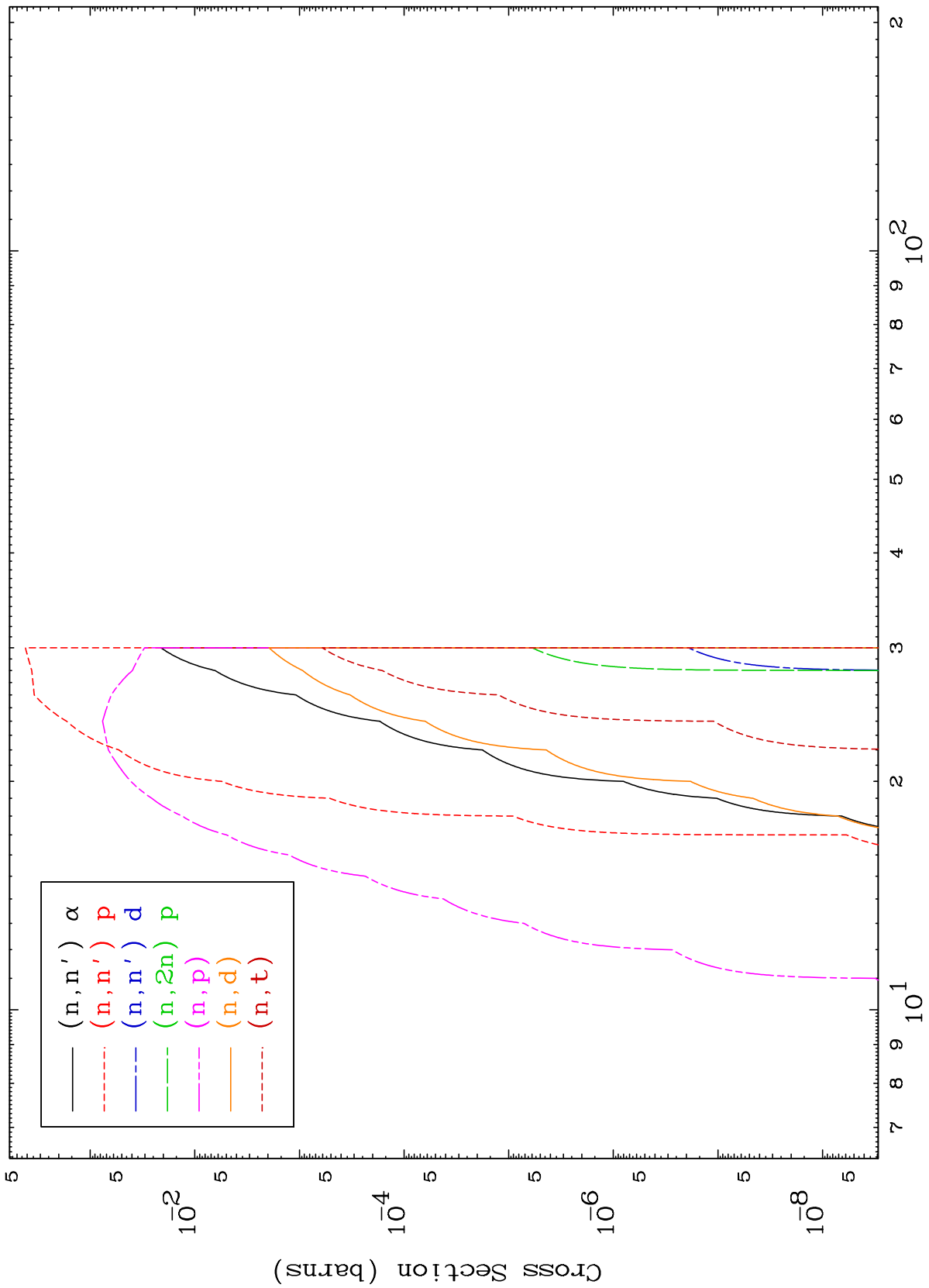
64-Gd-145m

MAT 6405

α Neutron Absorption
0 Kelvin Cross Sections

64-Gd-145m

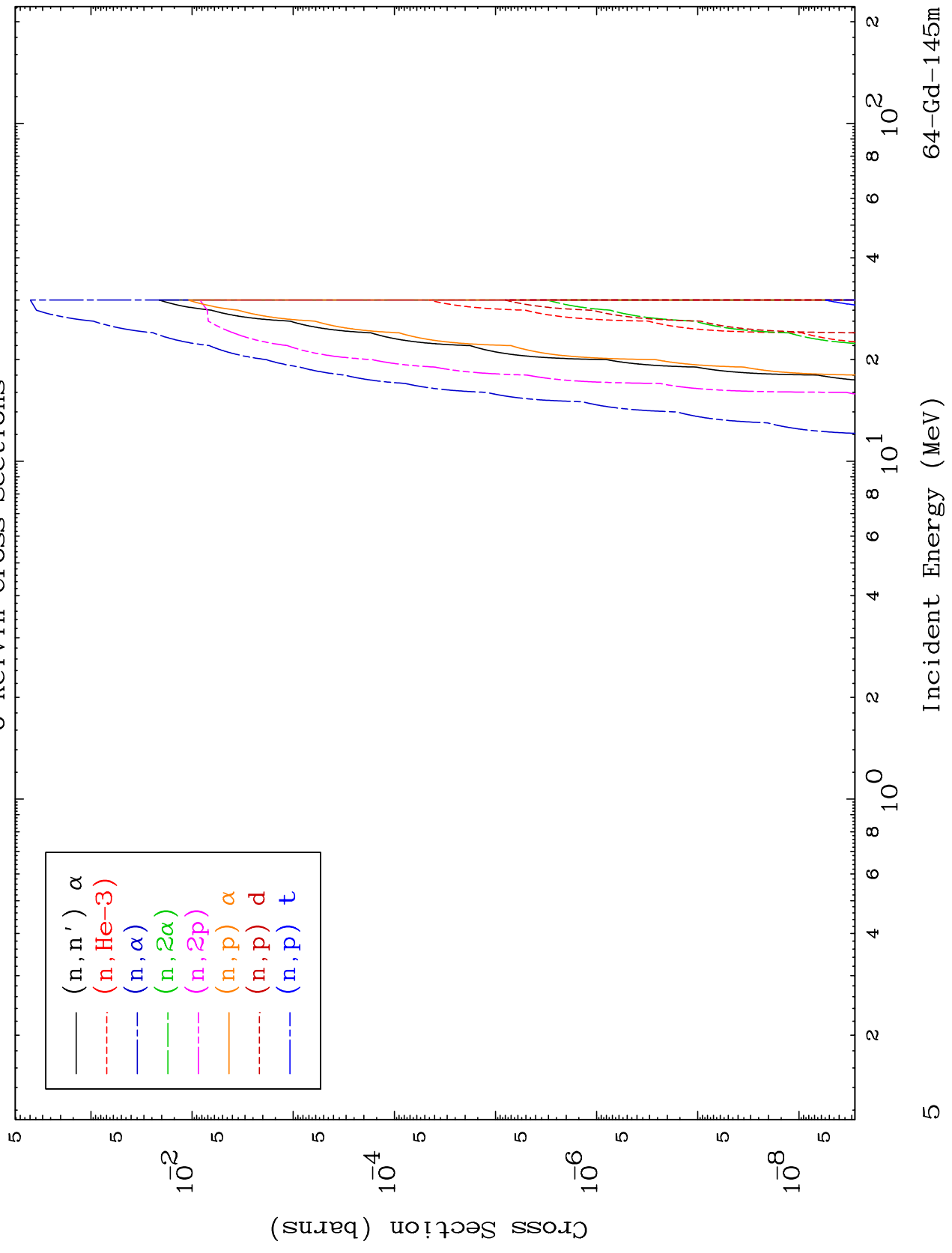




MAT 6405

α Charged Particle
0 Kelvin Cross Sections

64-Gd-145m

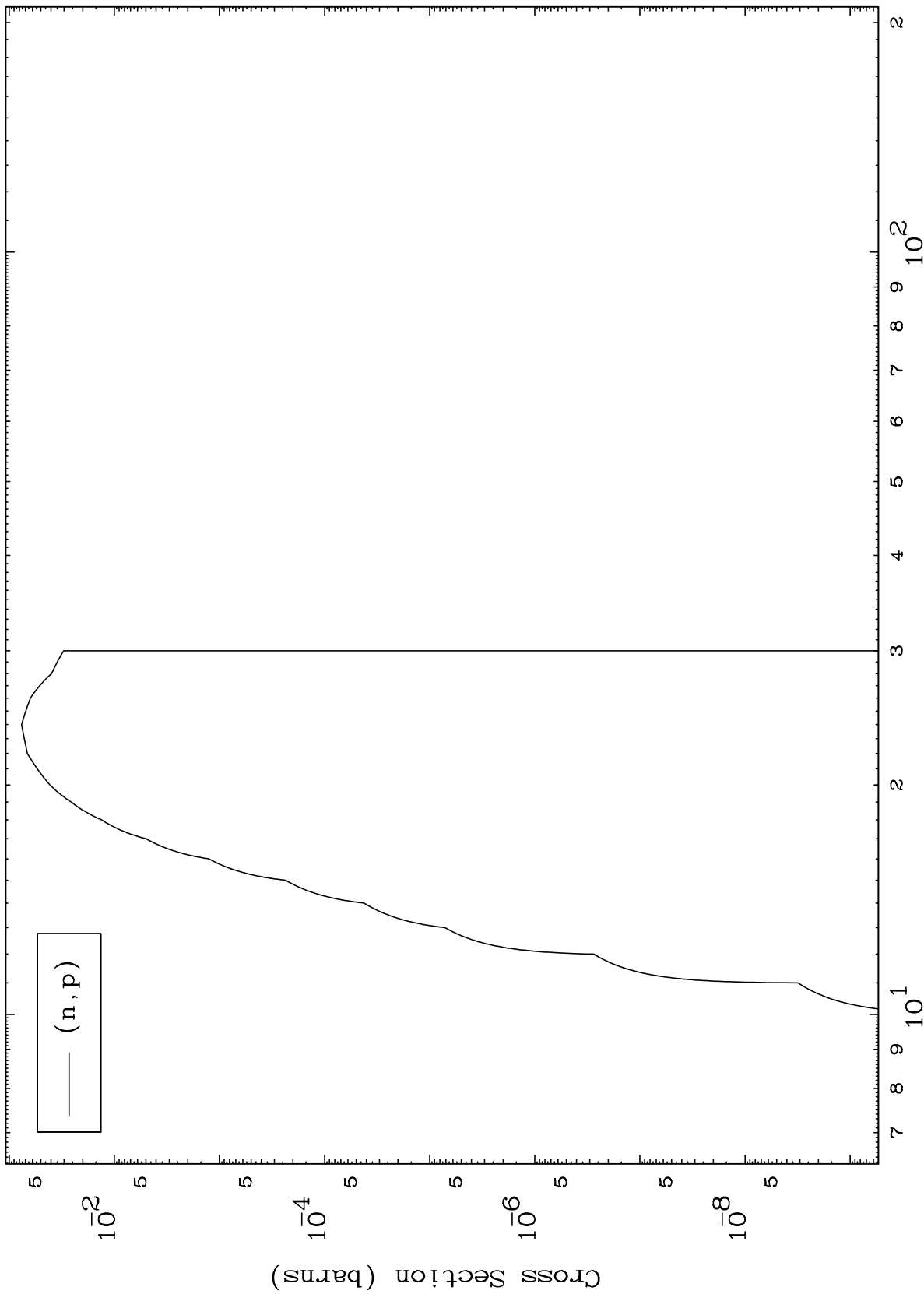


MAT 6405

(α, p) Levels

64-Gd-145m

0 Kelvin Cross Sections



6

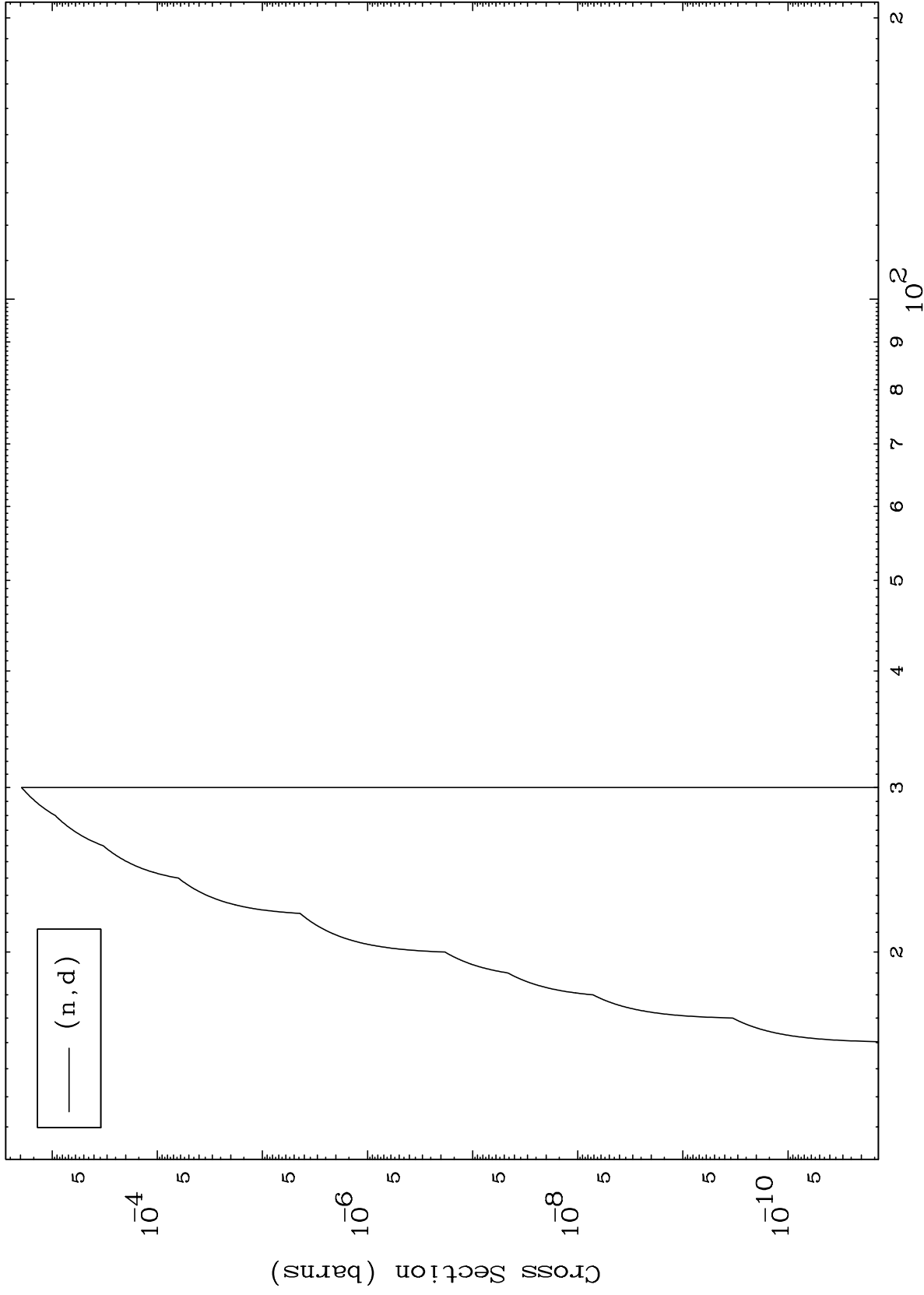
Incident Energy (MeV)

64-Gd-145m

MAT 6405

(α, d) Levels
0 Kelvin Cross Sections

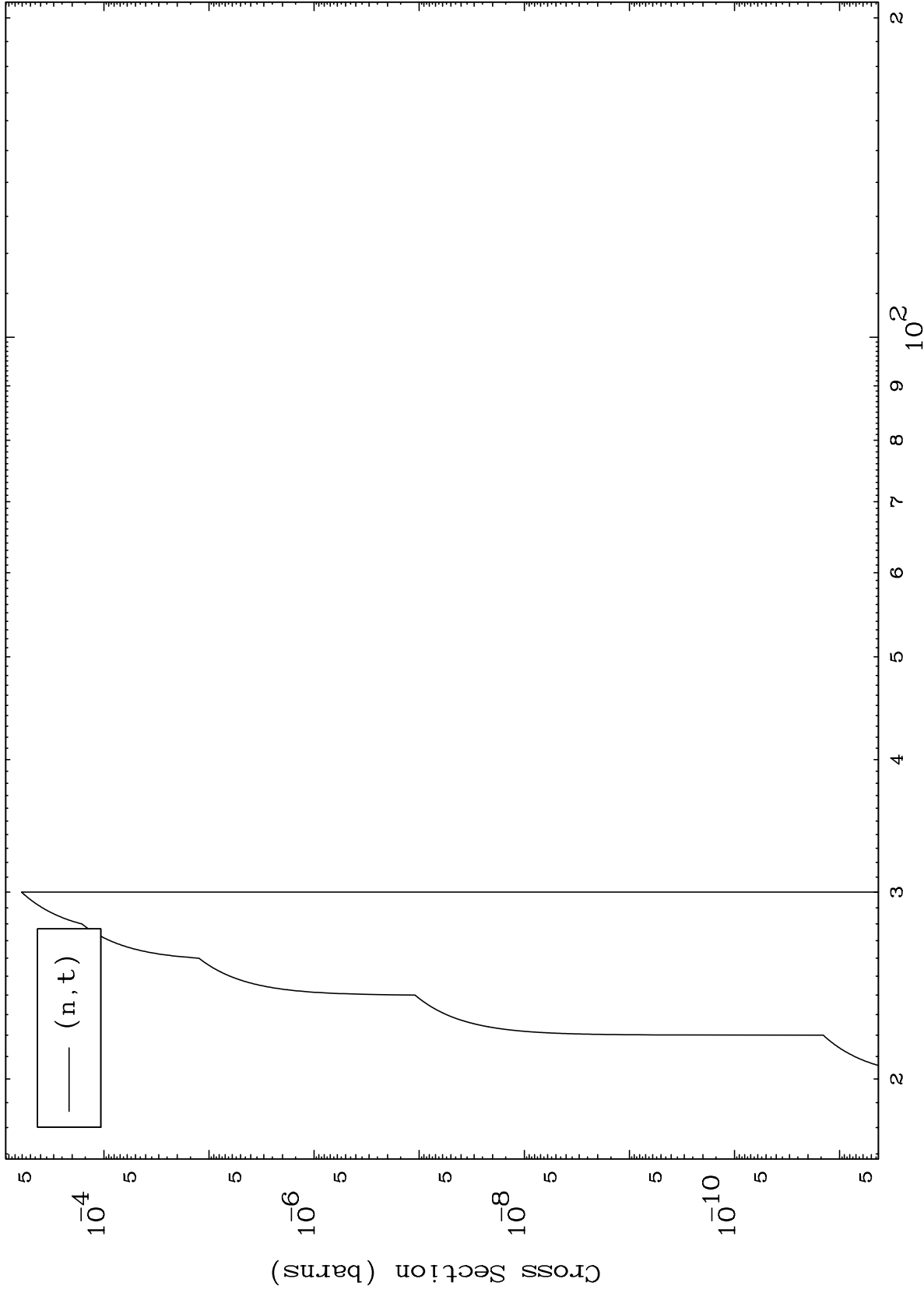
64-Gd-145m



MAT 6405

(α, t) Levels
0 Kelvin Cross Sections

64-Gd-145m



8

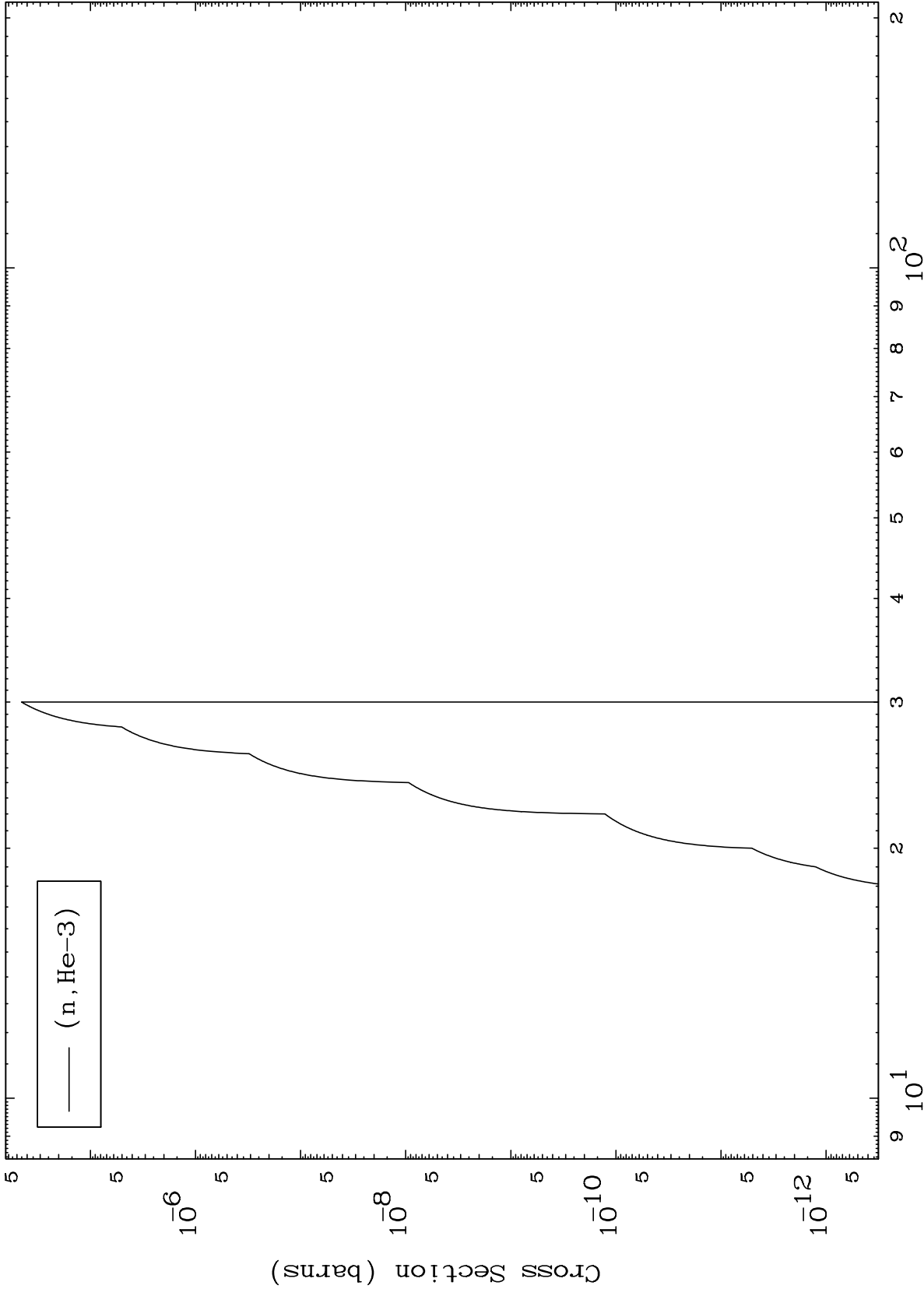
Incident Energy (MeV)

64-Gd-145m

MAT 6405

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

64-Gd-145m



9

Incident Energy (MeV)

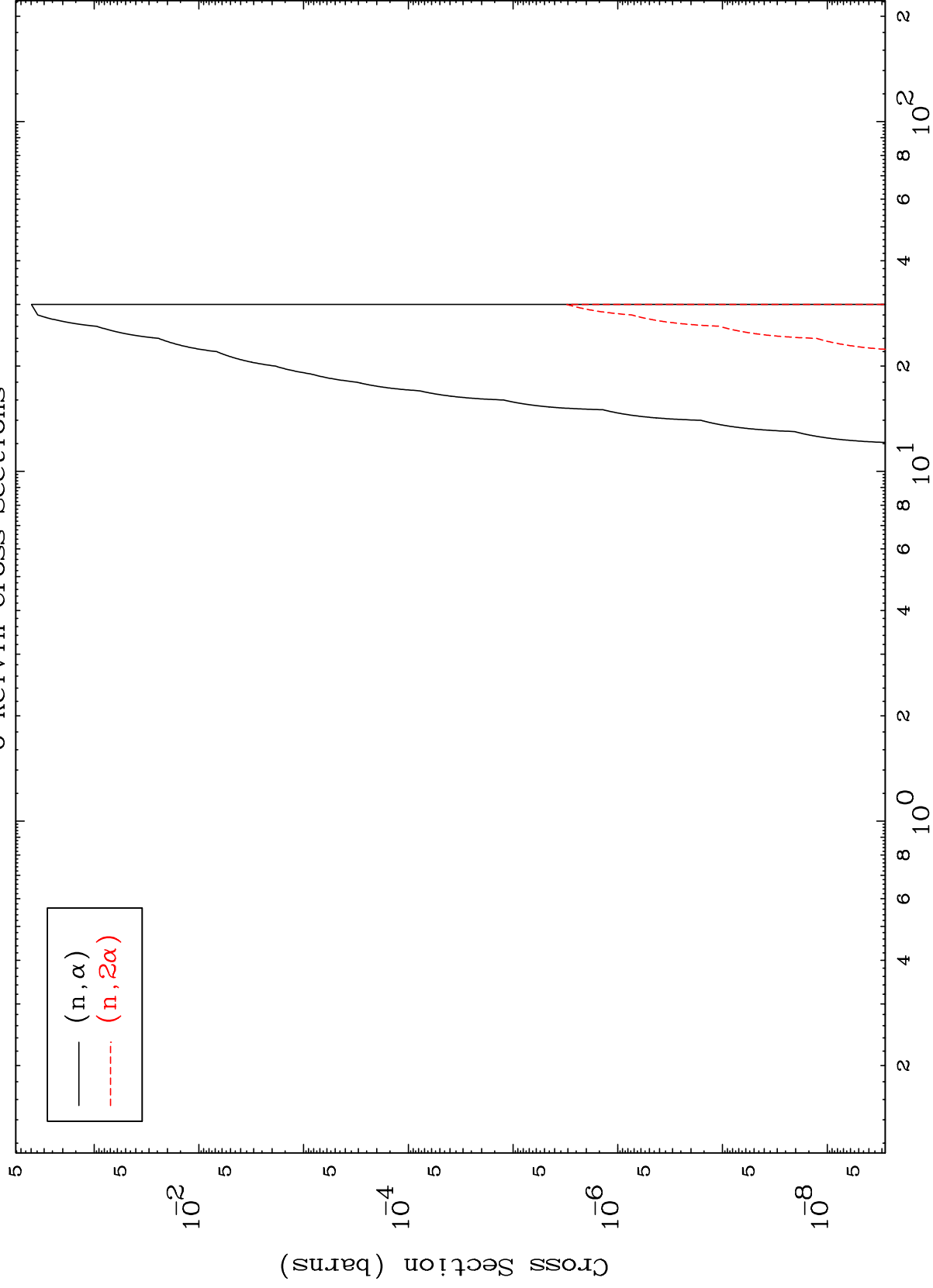
64-Gd-145m

MAT 6405

(α, α) Levels

64-Gd-145m

0 Kelvin Cross Sections



10

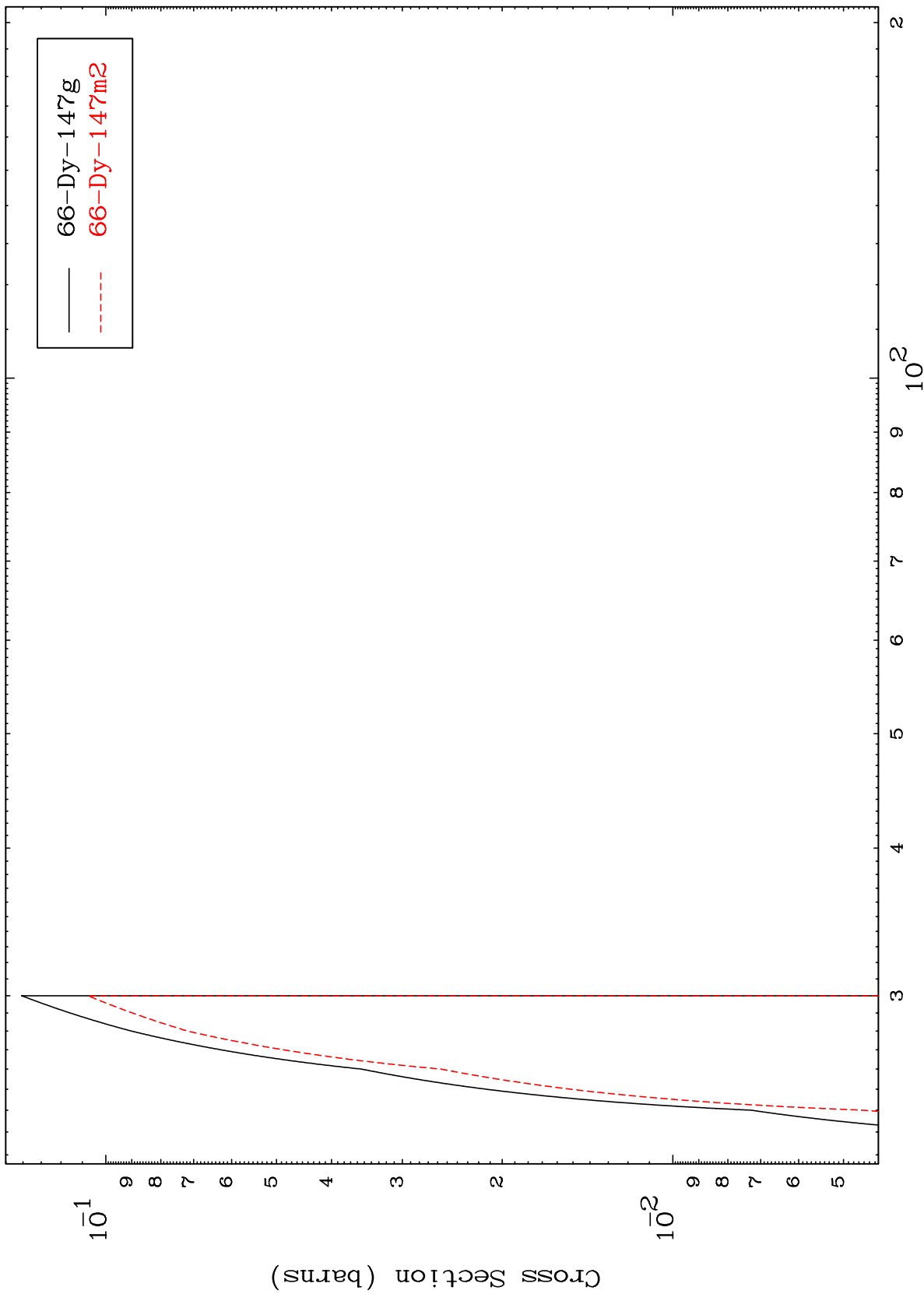
Incident Energy (MeV)

64-Gd-145m

MAT 6405

64-Gd-145m

(n,2n)
Radionuclide Production Cross Section



11

64-Gd-145m

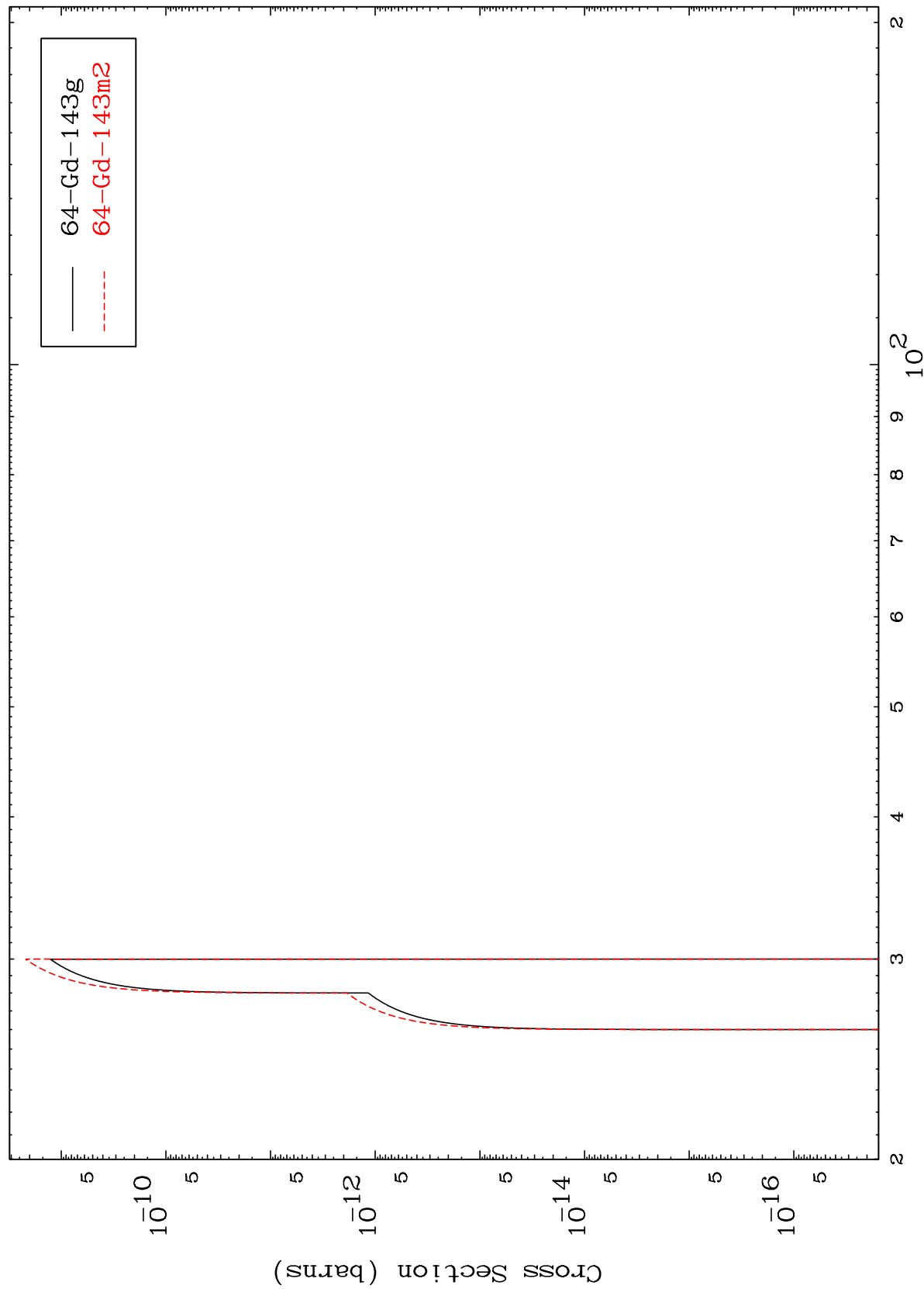
Incident Energy (MeV)

MAT 6405

(n,2n) α

64-Gd-145m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

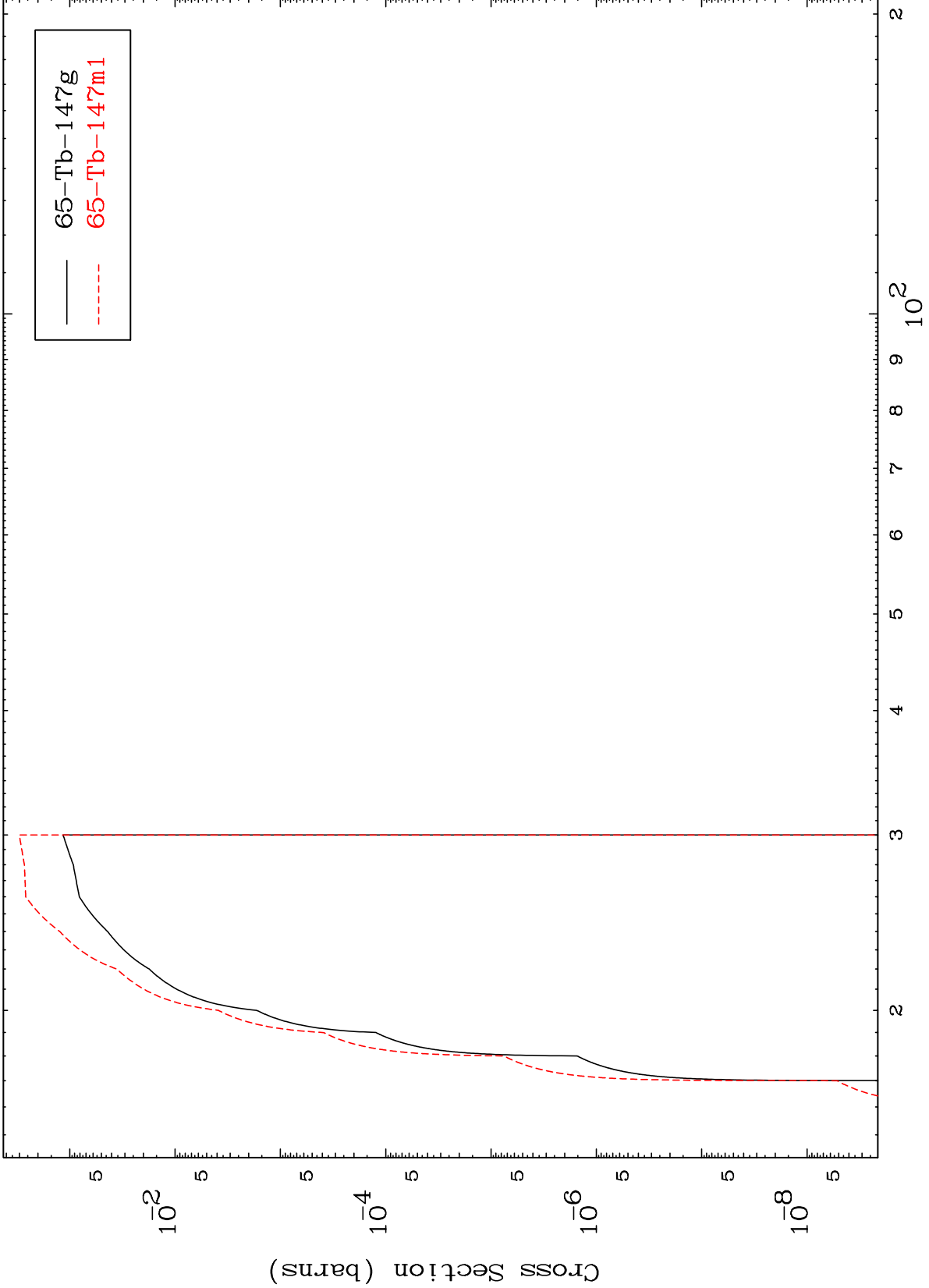
64-Gd-145m

MAT 6405

(n,n') p

64-Gd-145m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

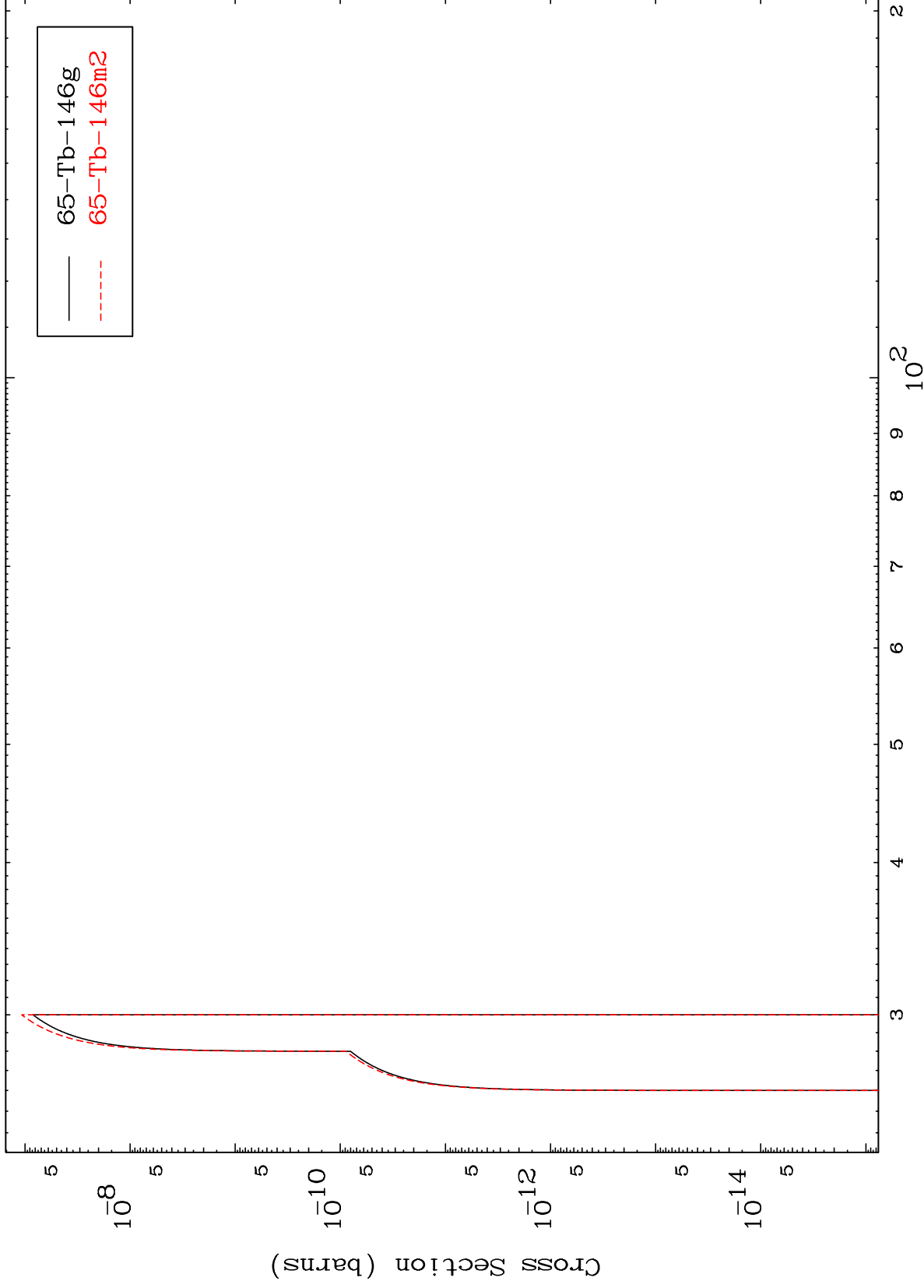
64-Gd-145m

MAT 6405

(n,n') d

64-Gd-145m

Radionuclide Production Cross Section



14

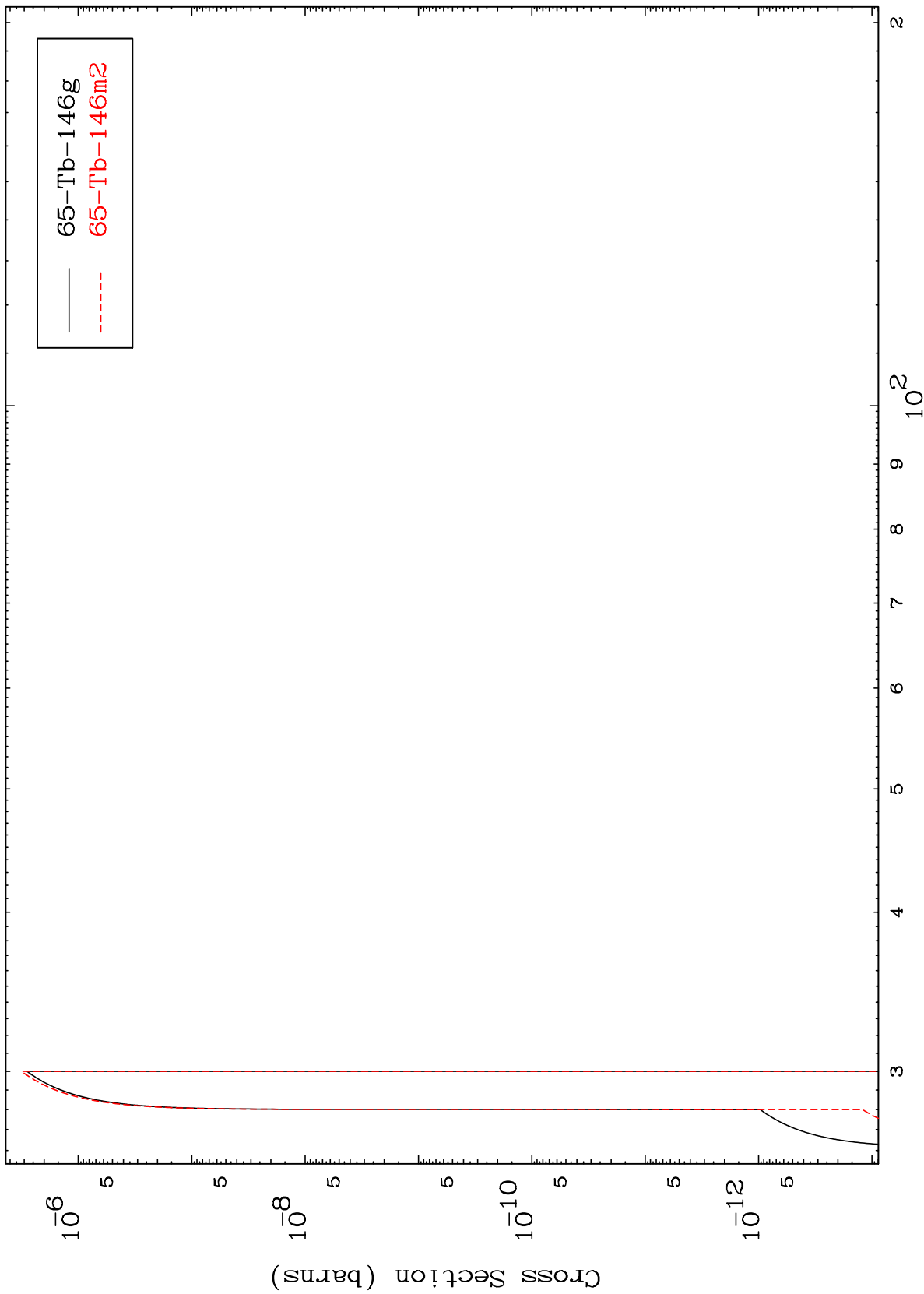
Incident Energy (MeV)

64-Gd-145m

MAT 6405

64-Gd-145m

(n,2n) p
Radionuclide Production Cross Section



64-Gd-145m

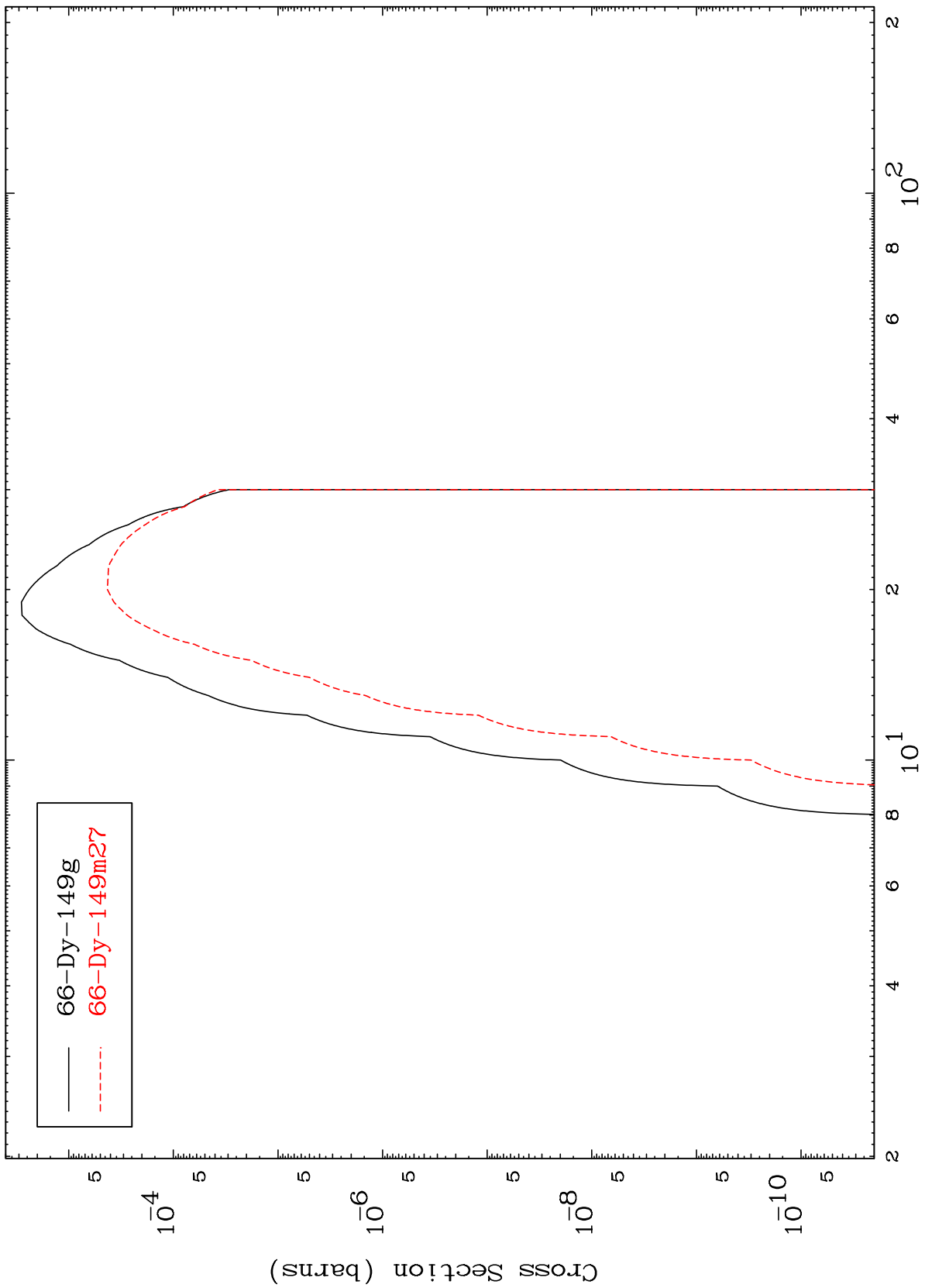
Incident Energy (MeV)

15

MAT 6405

64-Gd-145m

(n, γ)
Radionuclide Production Cross Section



16

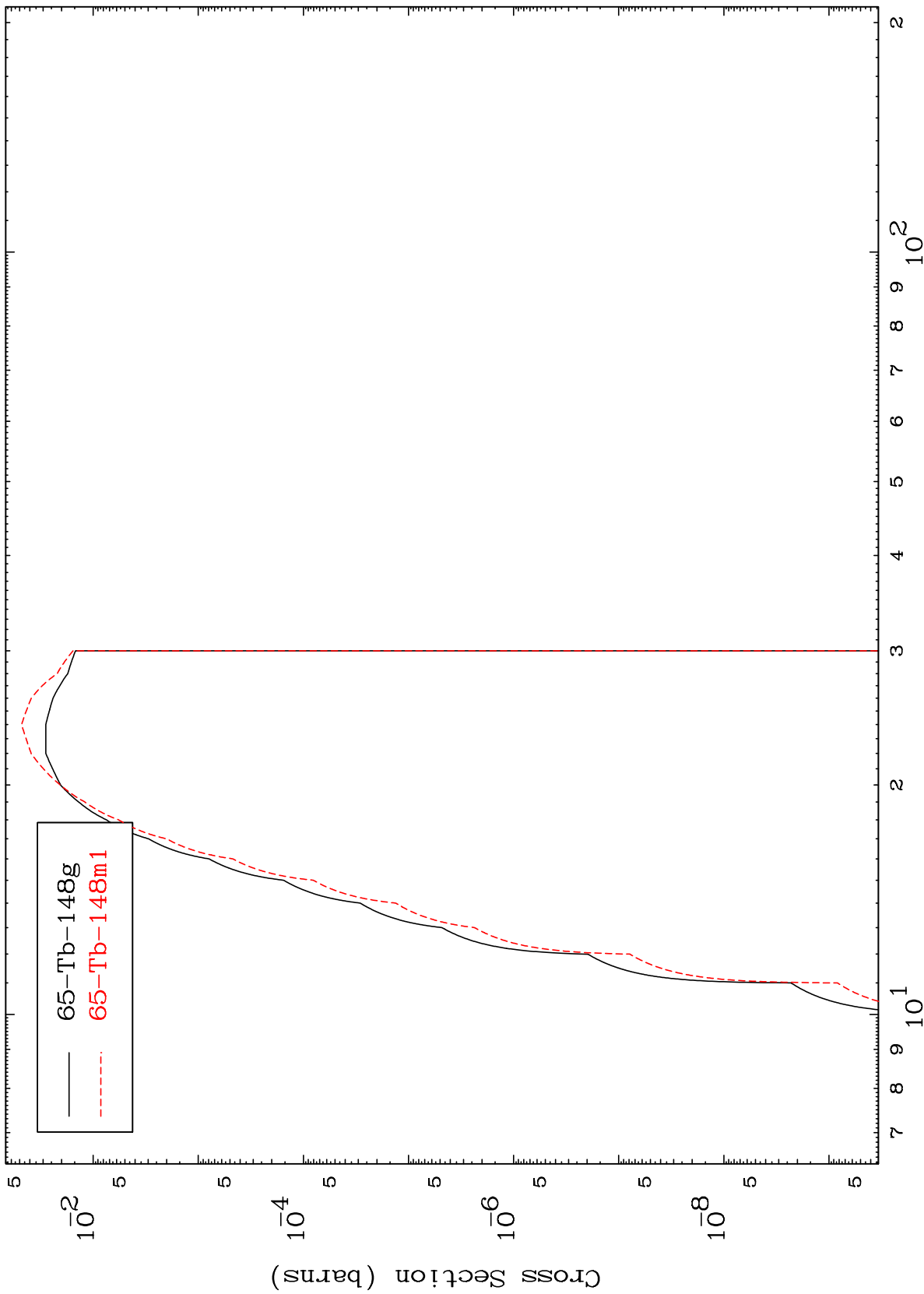
64-Gd-145m

Incident Energy (MeV)

MAT 6405

64-Gd-145m

Radionuclide Production Cross Section (n,p)



17

64-Gd-145m

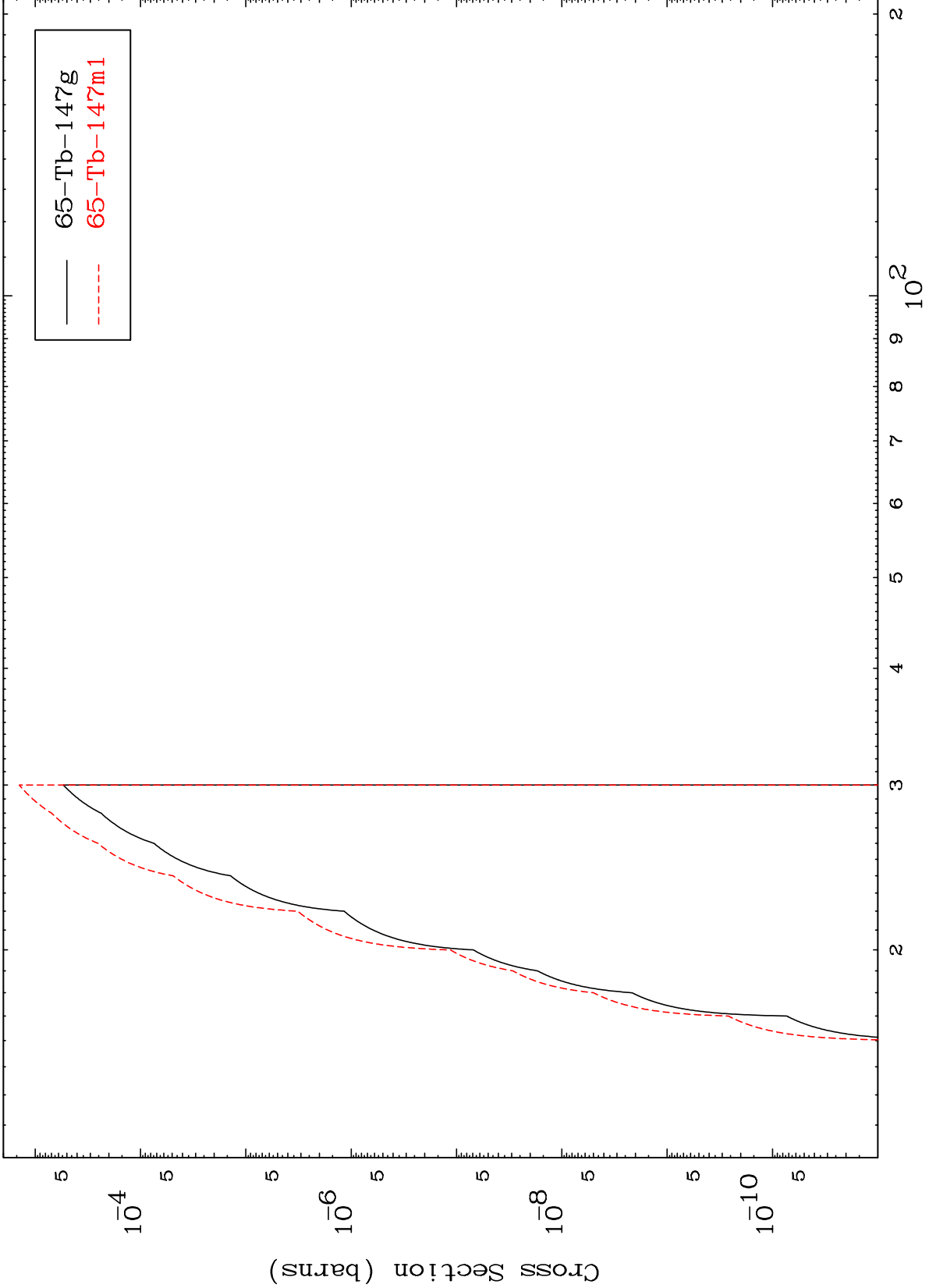
Incident Energy (MeV)

MAT 6405

(n,d)

64-Gd-145m

Radionuclide Production Cross Section



18

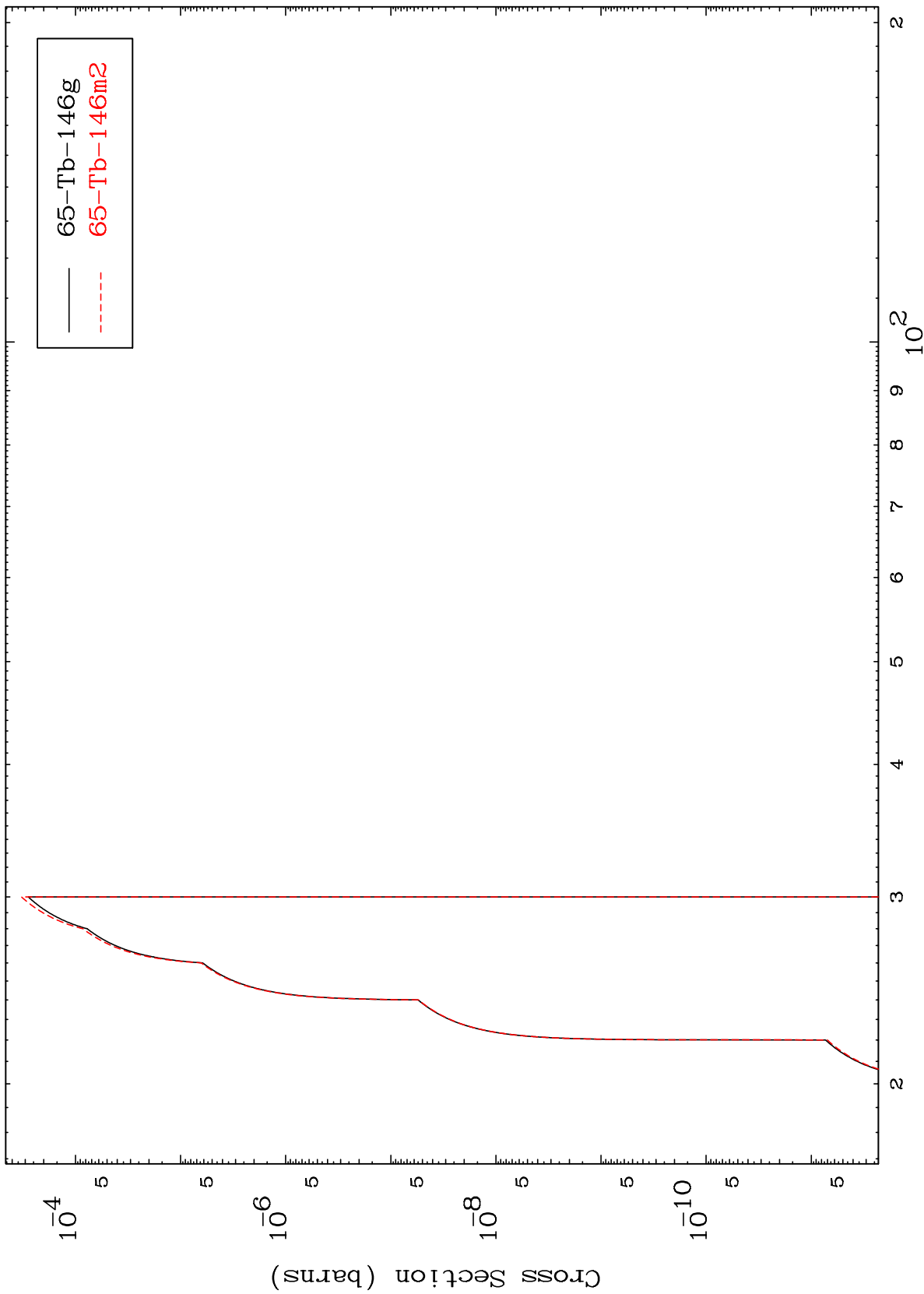
Incident Energy (MeV)

64-Gd-145m

MAT 6405

64-Gd-145m

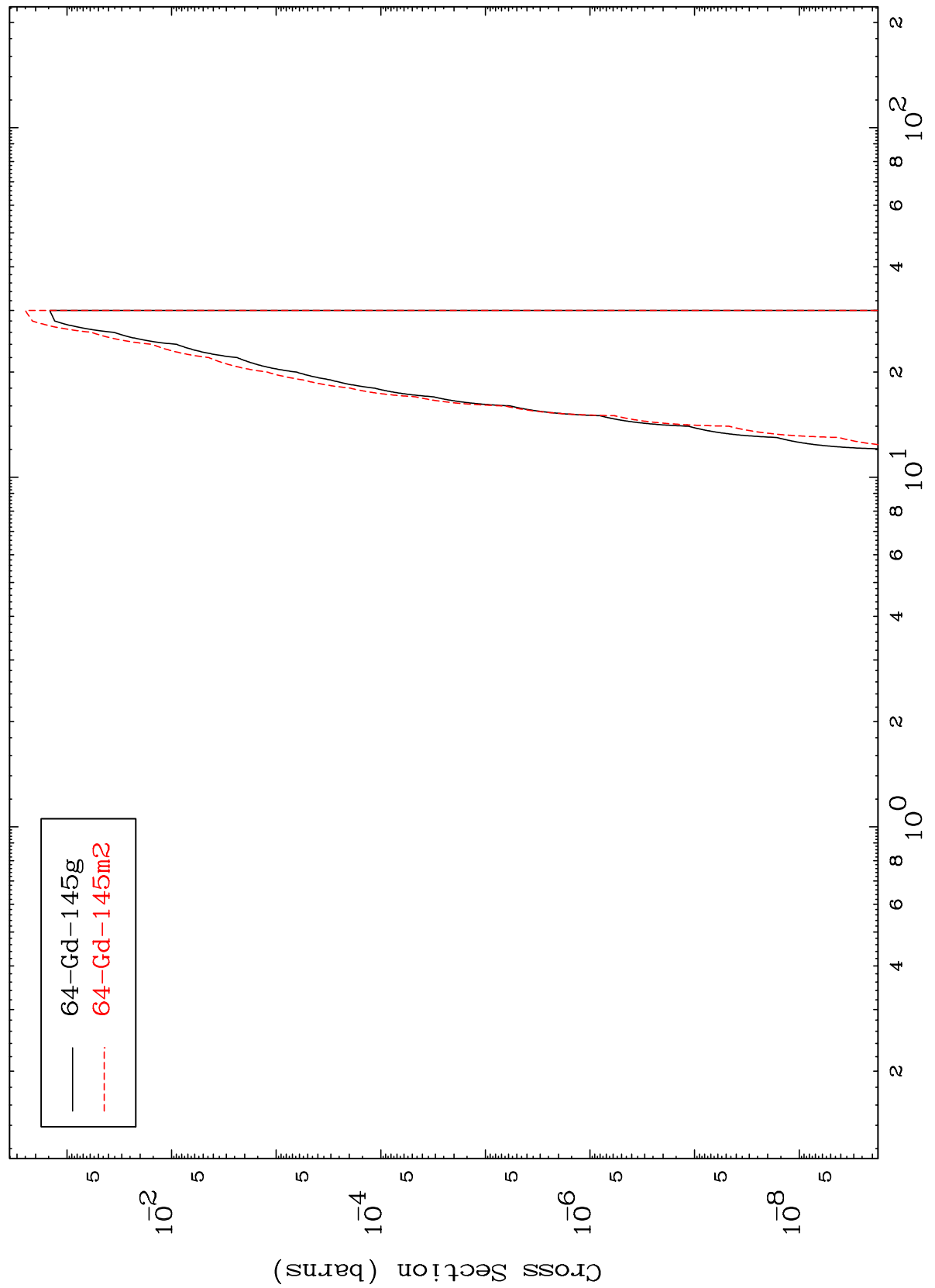
(n, t)
Radionuclide Production Cross Section



MAT 6405

64-Gd-145m

Radionuclide Production Cross Section
(n, α)



20

64-Gd-145m

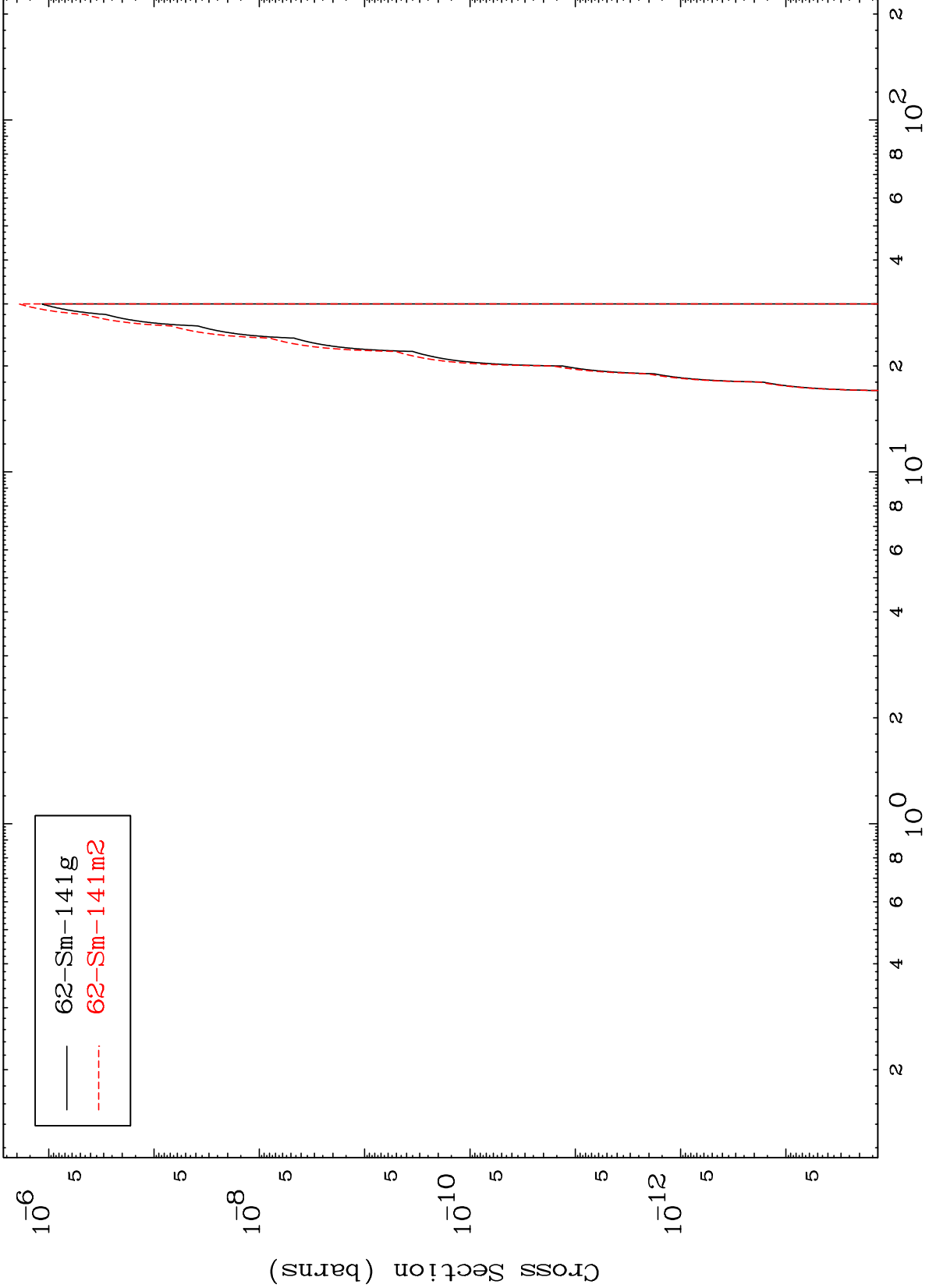
Incident Energy (MeV)

MAT 6405

(n,2α)

64-Gd-145m

Radionuclide Production Cross Section

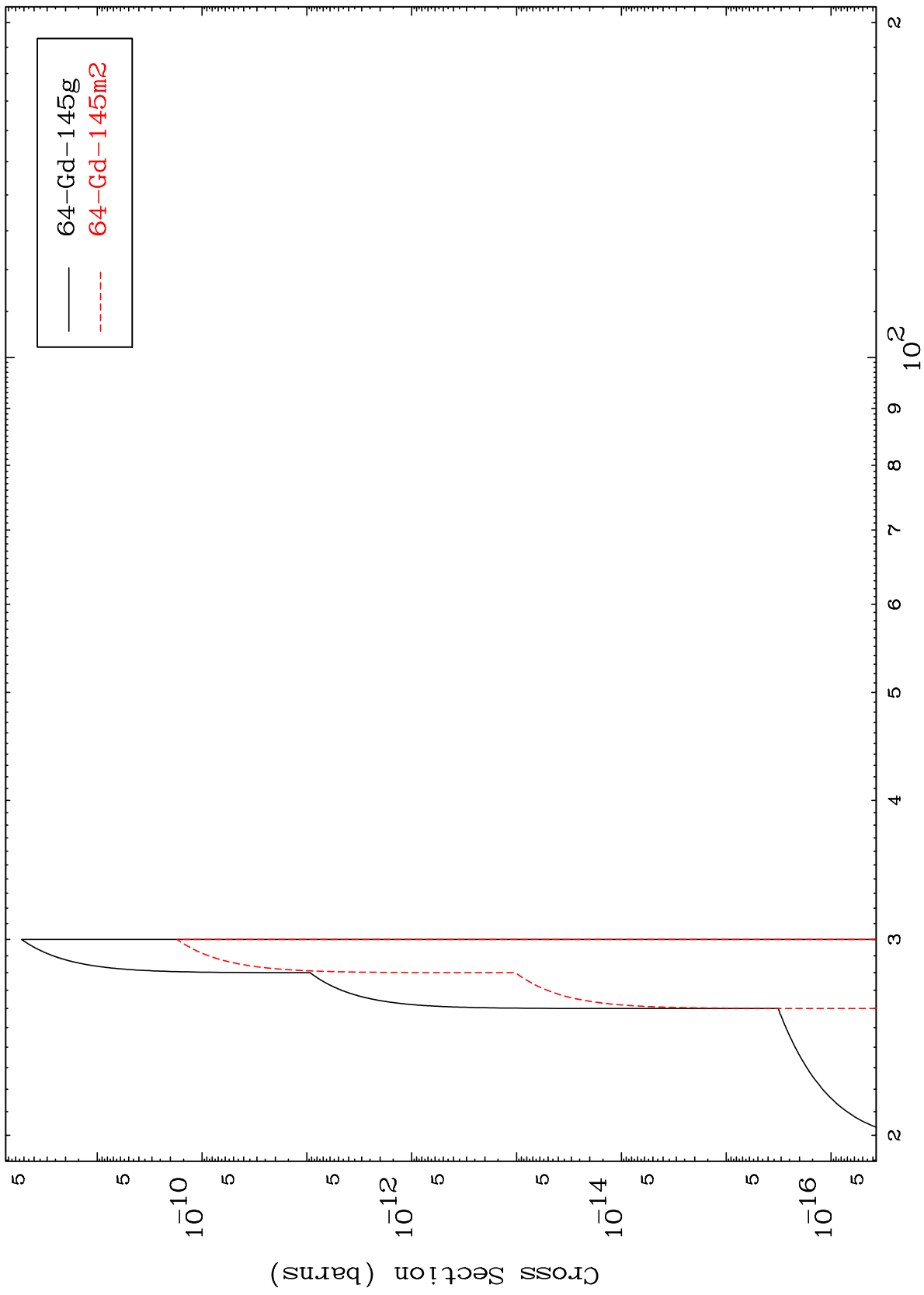


MAT 6405

(n,p) t

64-Gd-145m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

64-Gd-145m