

Program EVALPLOT
(Version 2018-1)

by

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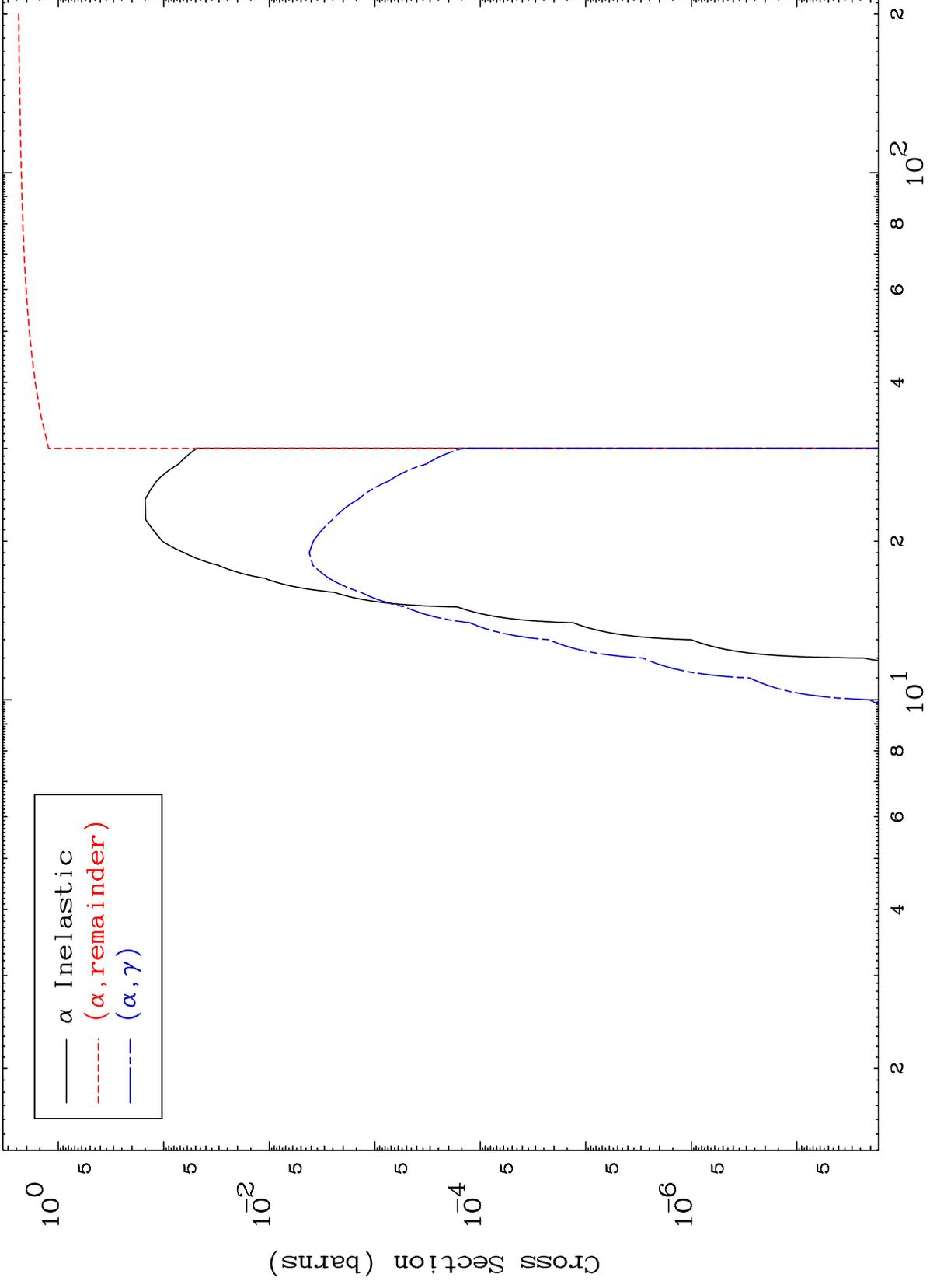
Press Mouse Button to Start

MAT 6399

α Major

64-Gd-143

0 Kelvin Cross Sections

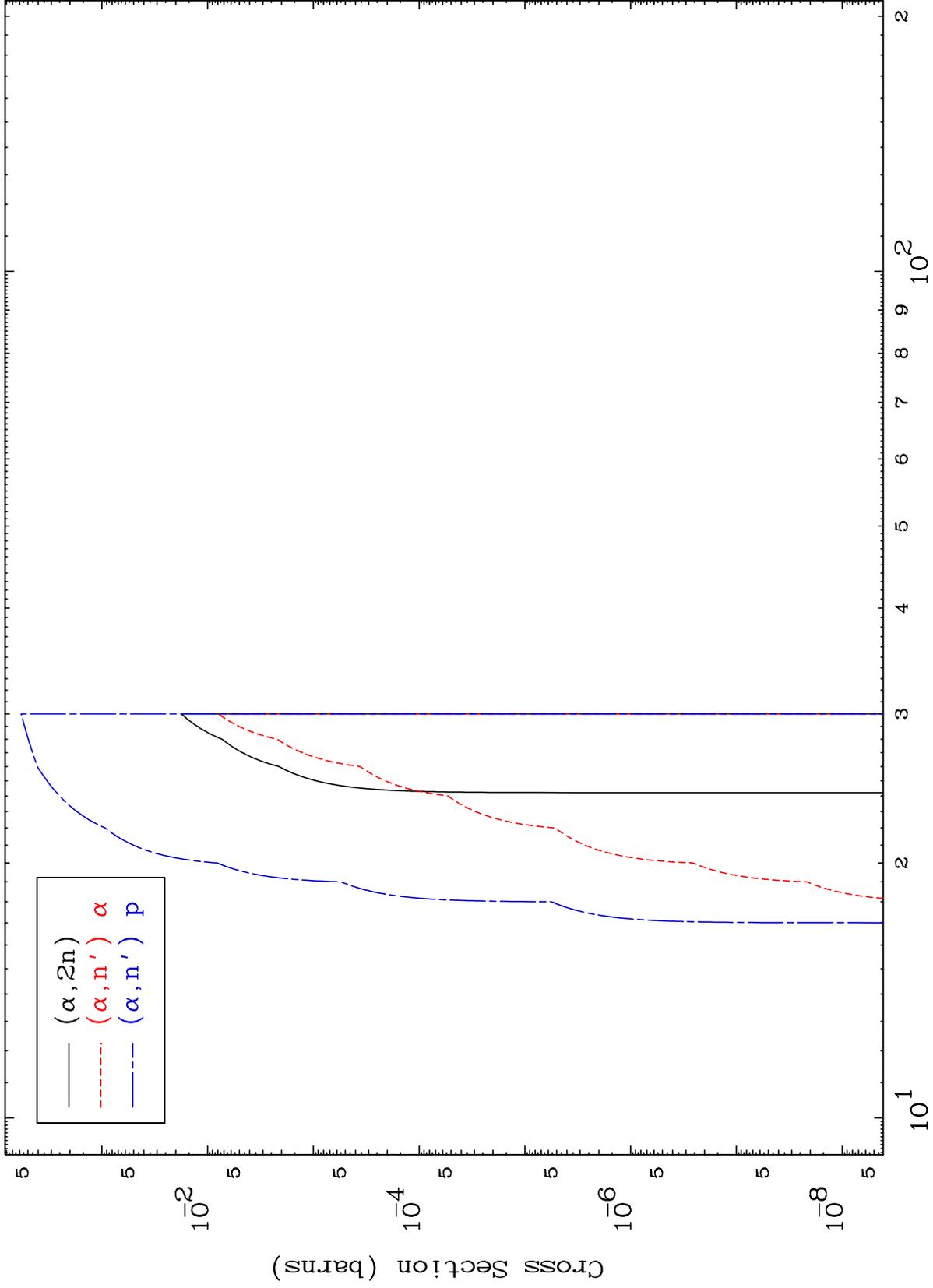


α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

MAT 6399

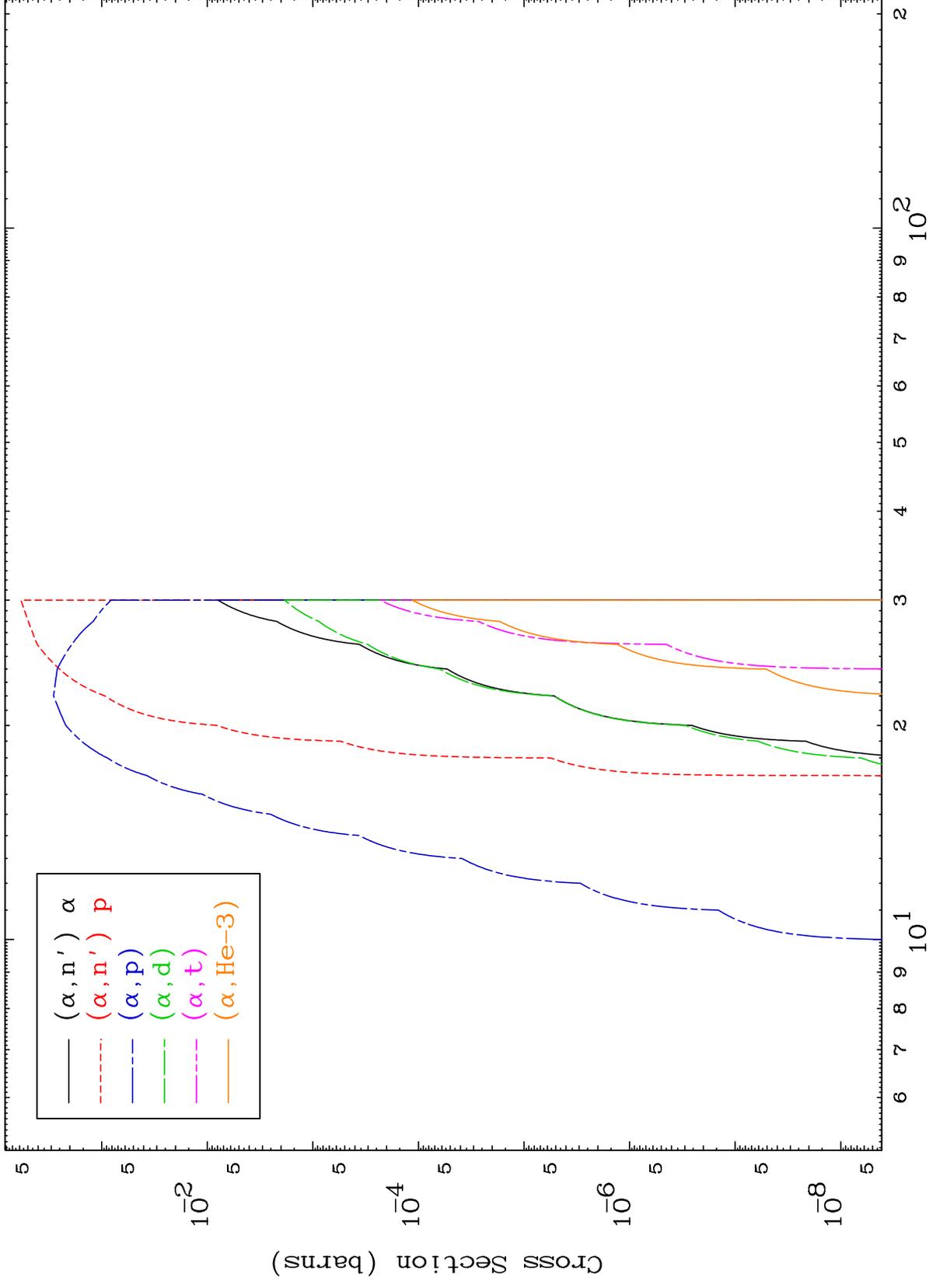
α Neutron Production
0 Kelvin Cross Sections

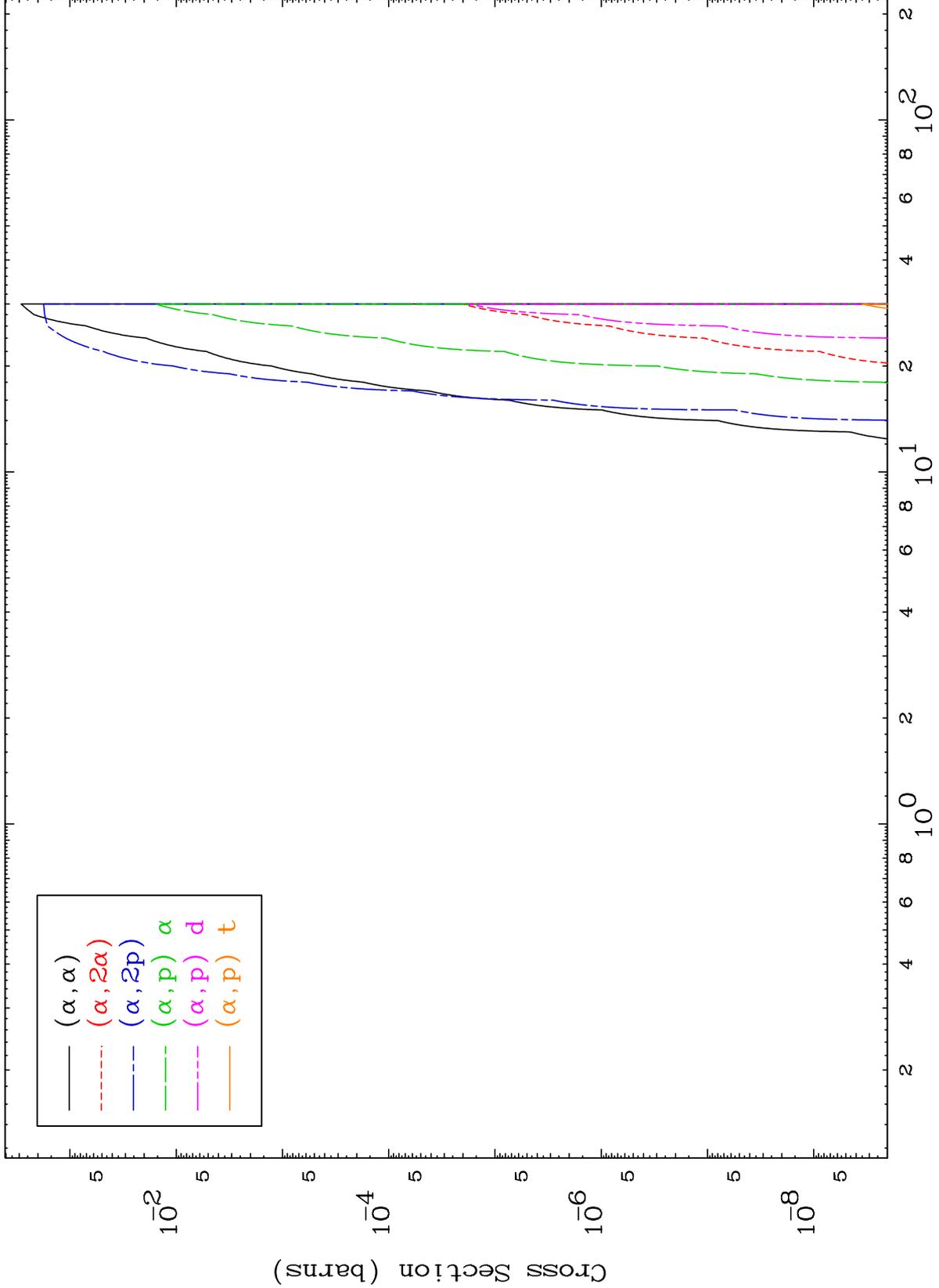
64-Gd-143



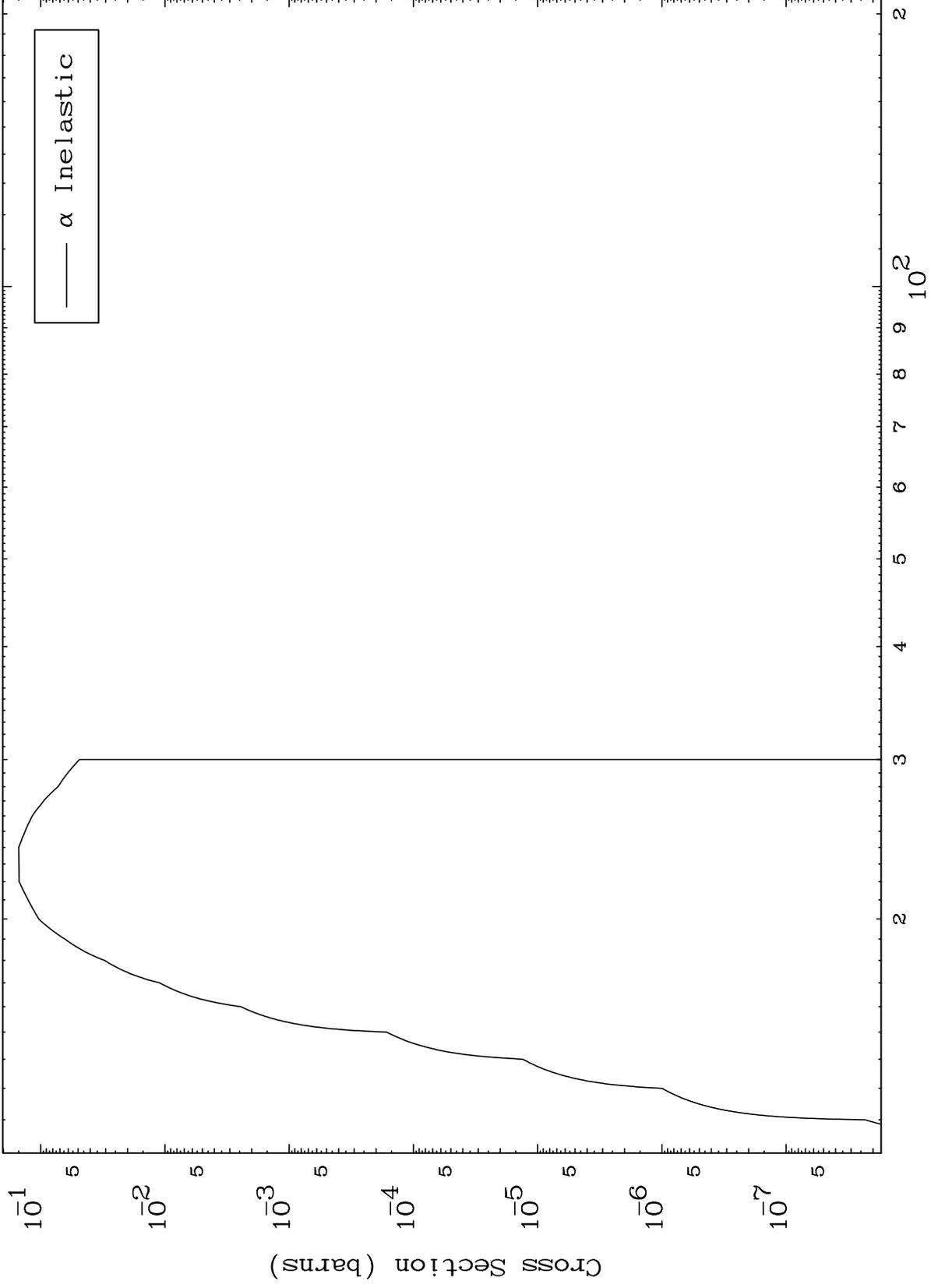
Incident Energy (MeV)

64-Gd-143





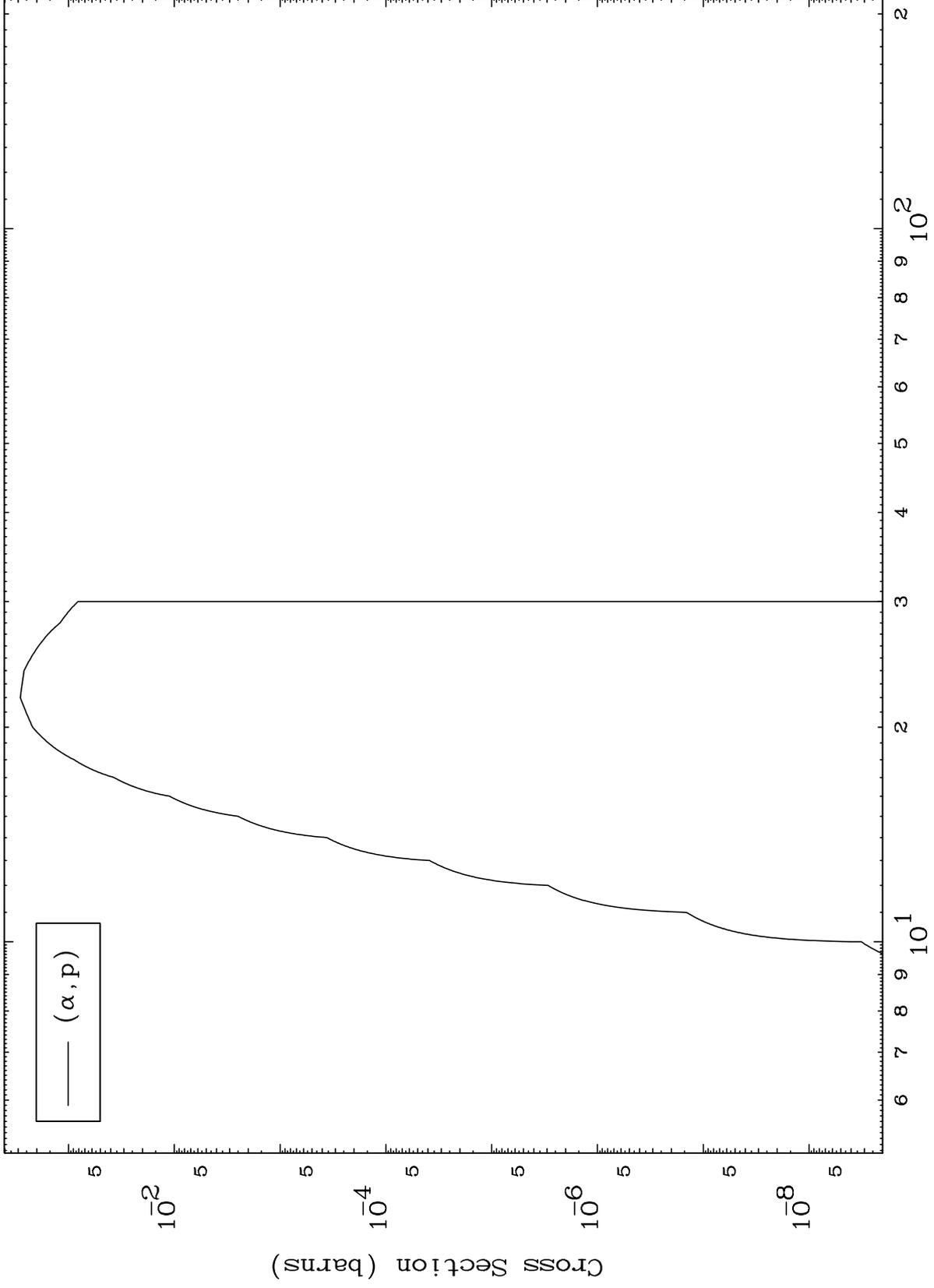
0 Kelvin Cross Sections



MAT 6399

64-Gd-143

(α, p) Levels
0 Kelvin Cross Sections



64-Gd-143

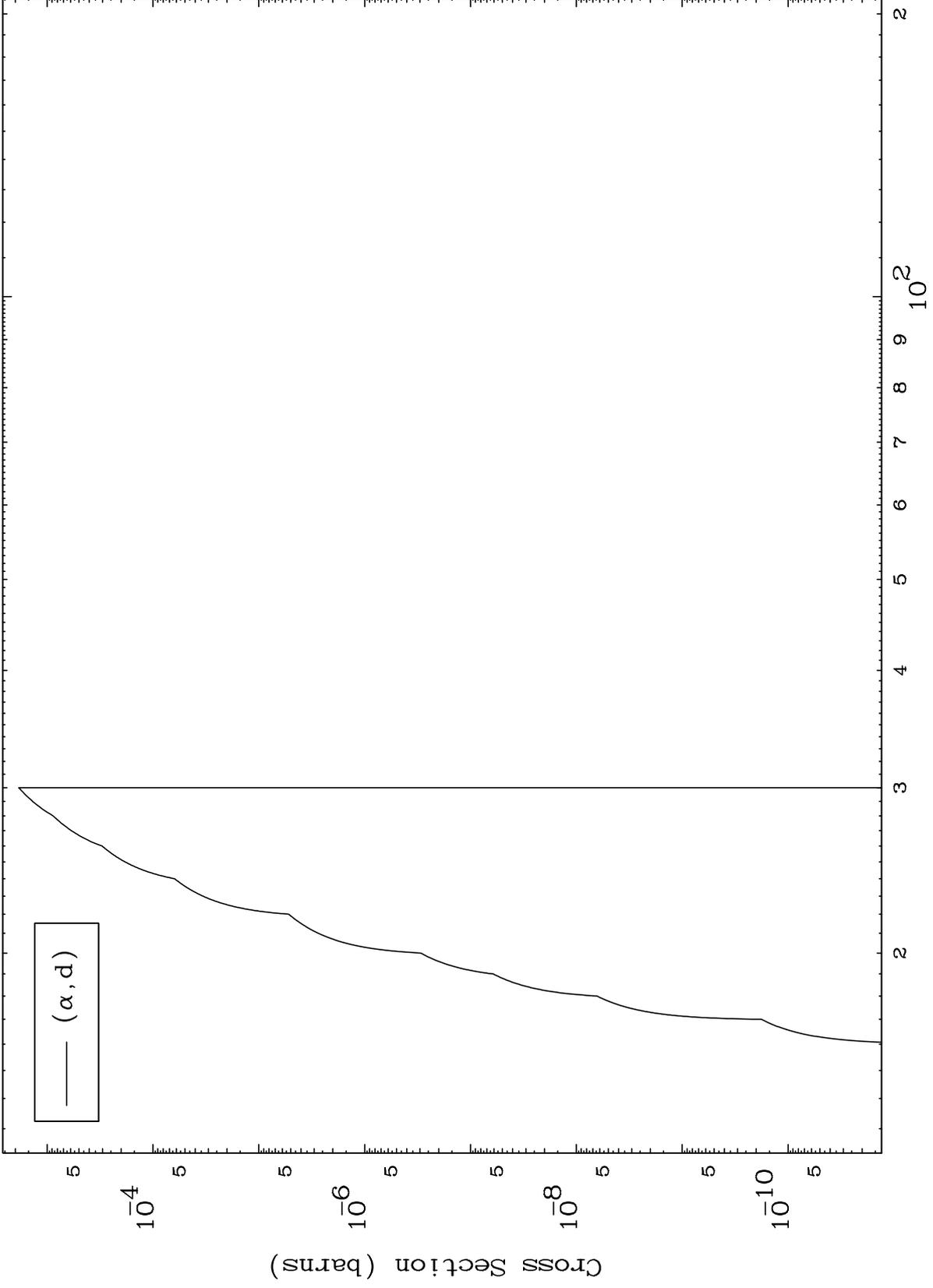
Incident Energy (MeV)

6

MAT 6399

(α, d) Levels
0 Kelvin Cross Sections

64-Gd-143



7

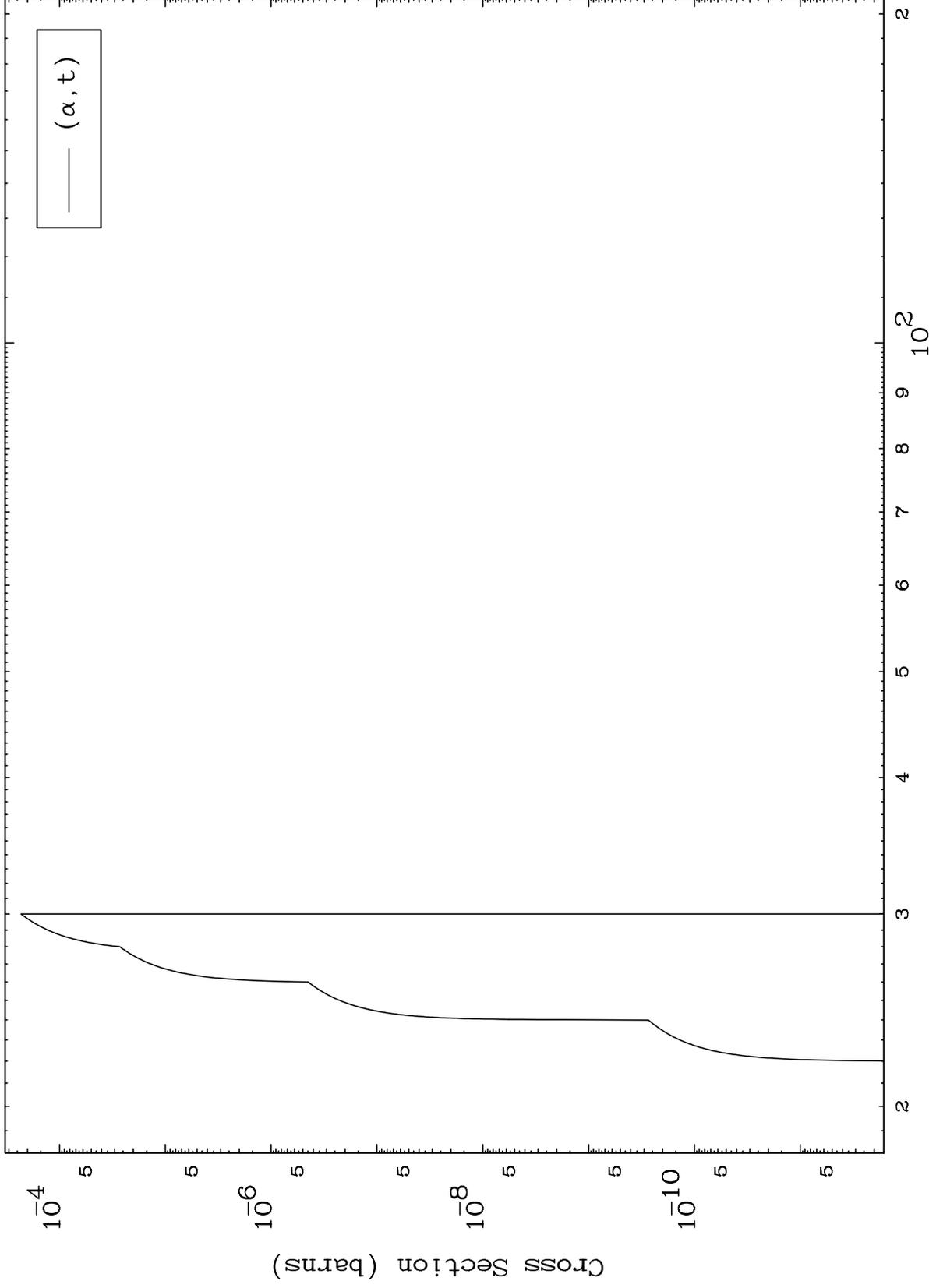
Incident Energy (MeV)

64-Gd-143

MAT 6399

(α, t) Levels
0 Kelvin Cross Sections

64-Gd-143



8

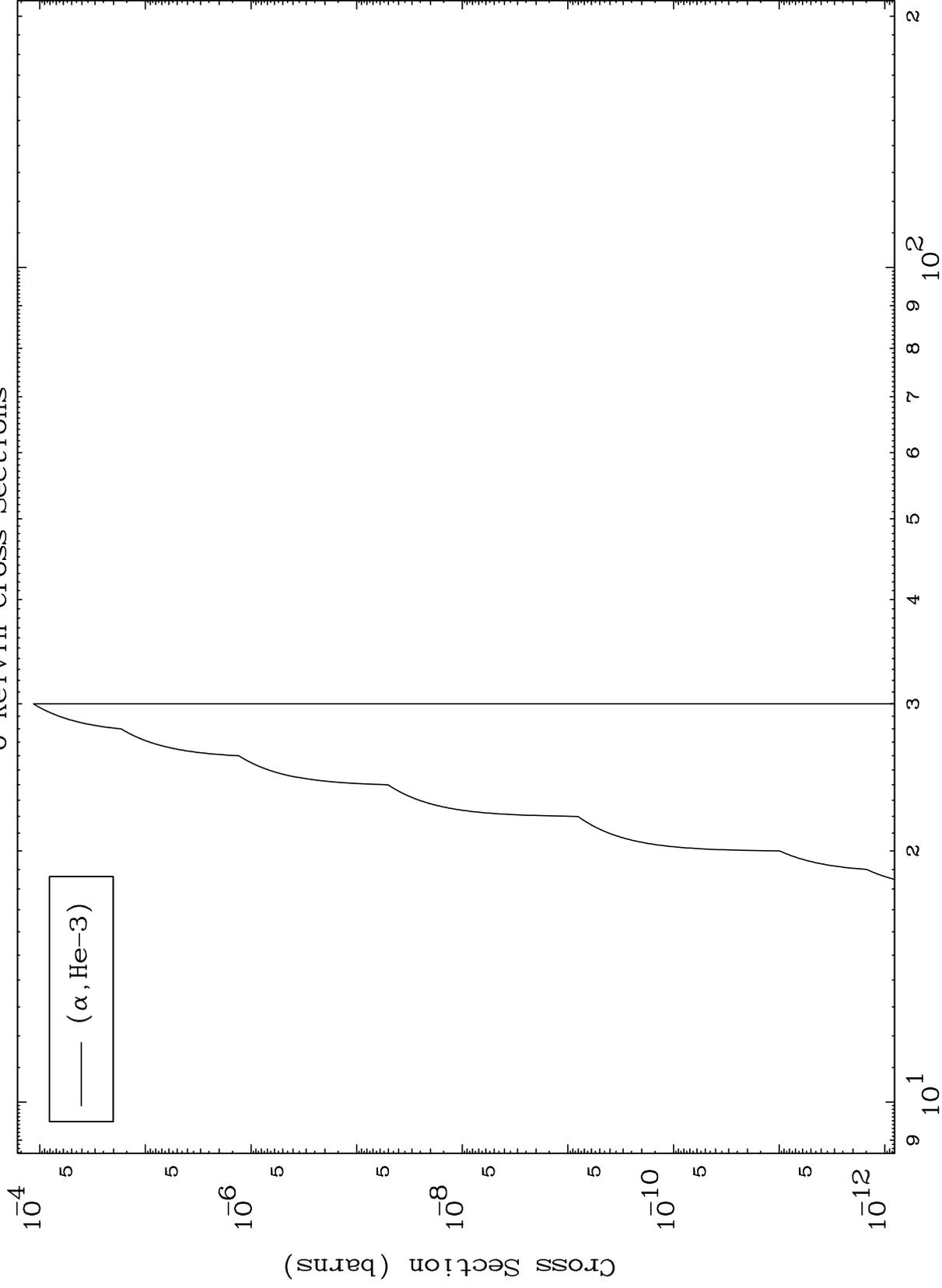
Incident Energy (MeV)

64-Gd-143

MAT 6399

(α , He3) Levels
0 Kelvin Cross Sections

64-Gd-143



Incident Energy (MeV)

64-Gd-143

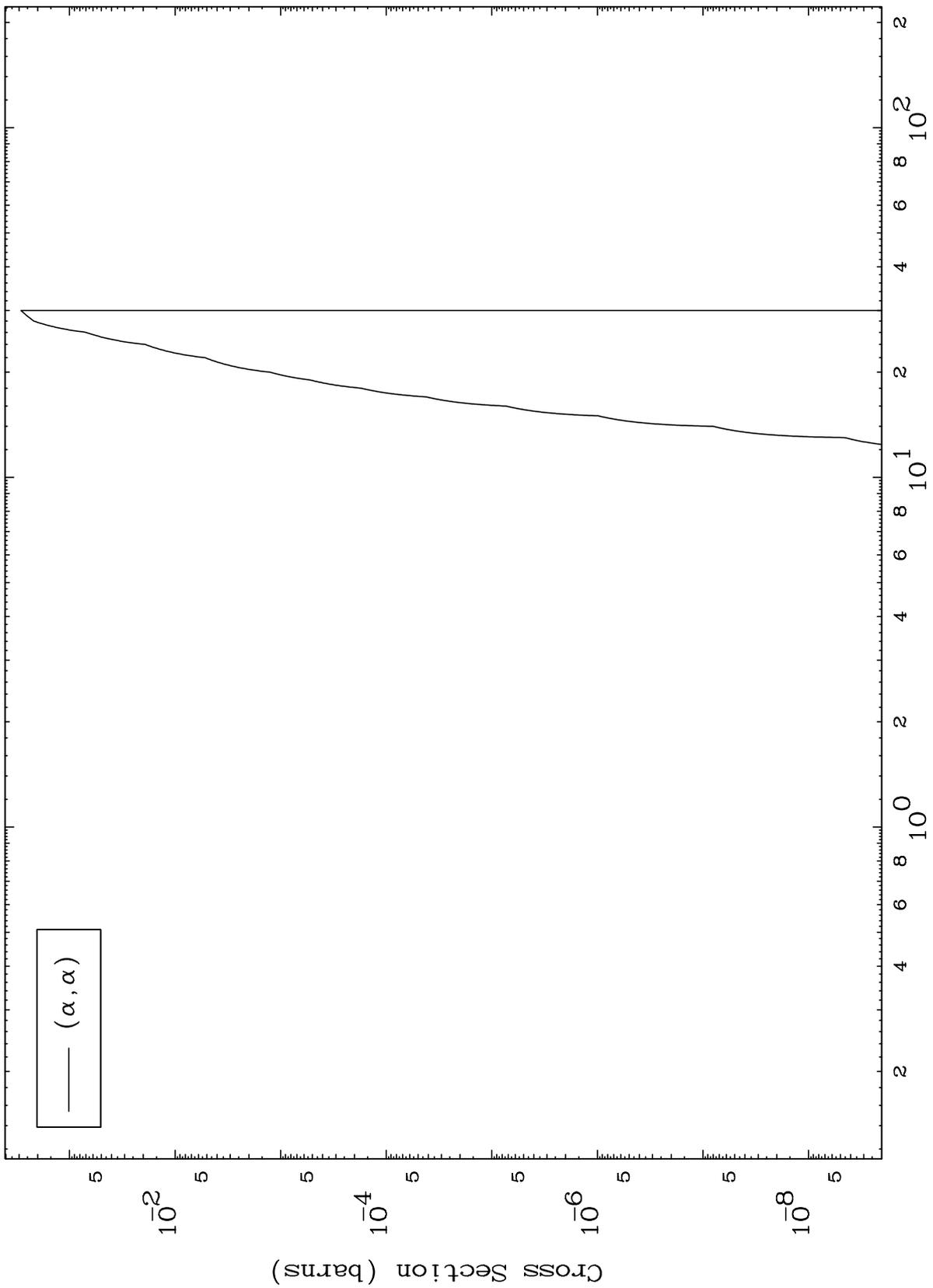
9

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(α, α) Levels

64-Gd-143

0 Kelvin Cross Sections

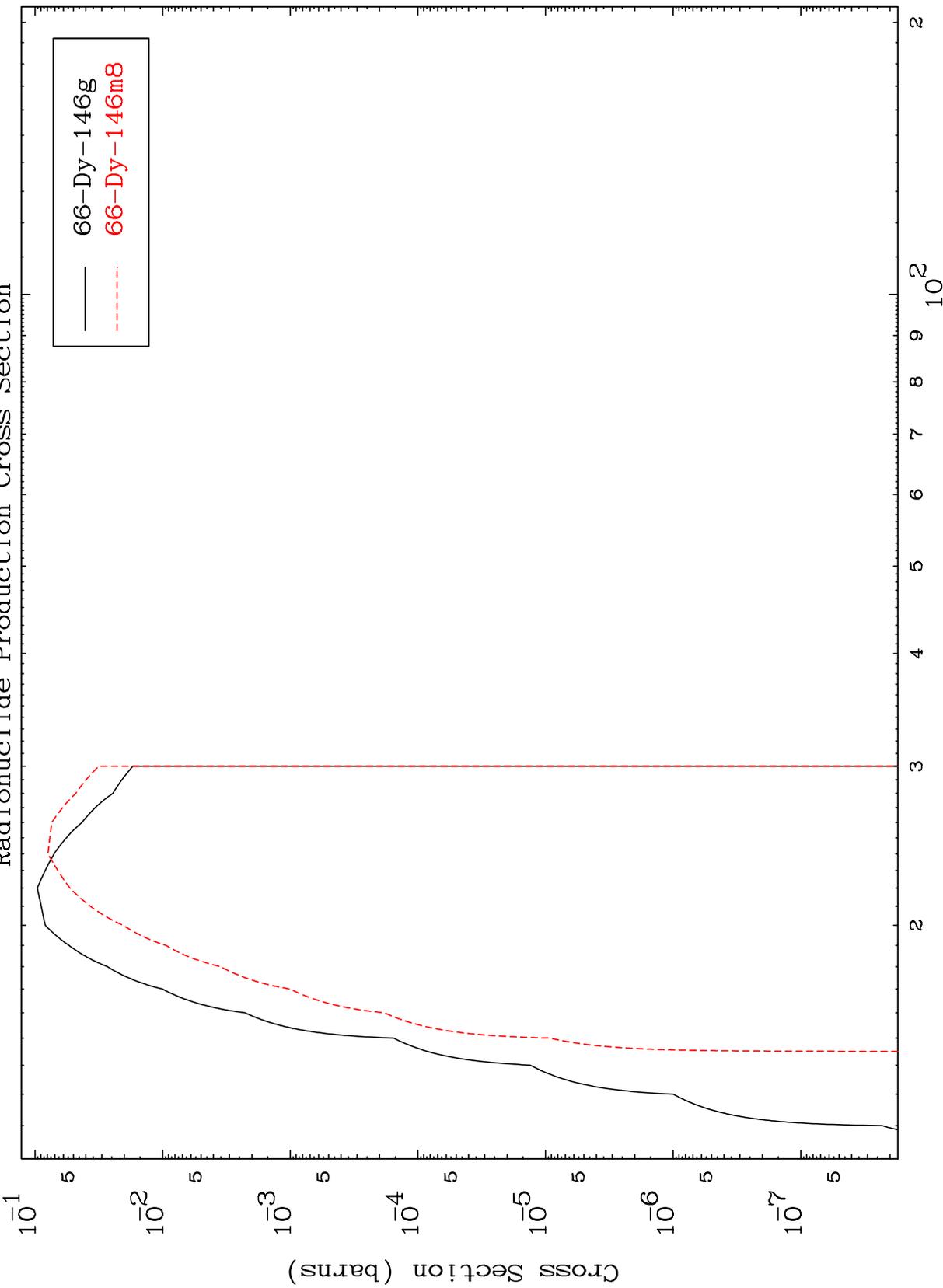


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Incident Energy (MeV)

64-Gd-143

Radionuclide Production Cross Section
 α Inelastic

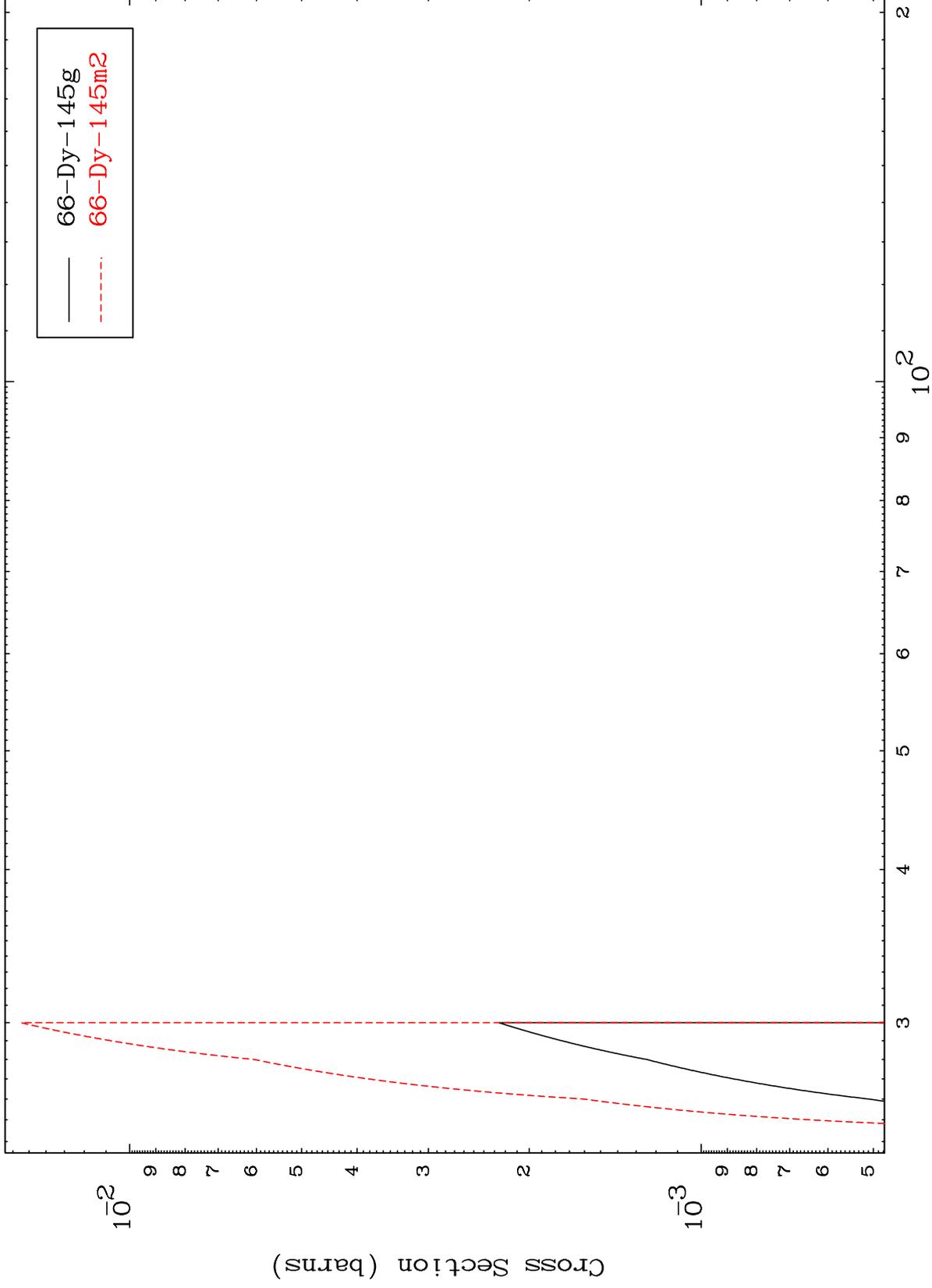


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($\alpha, 2n$)

64-Gd-143

Radionuclide Production Cross Section



12

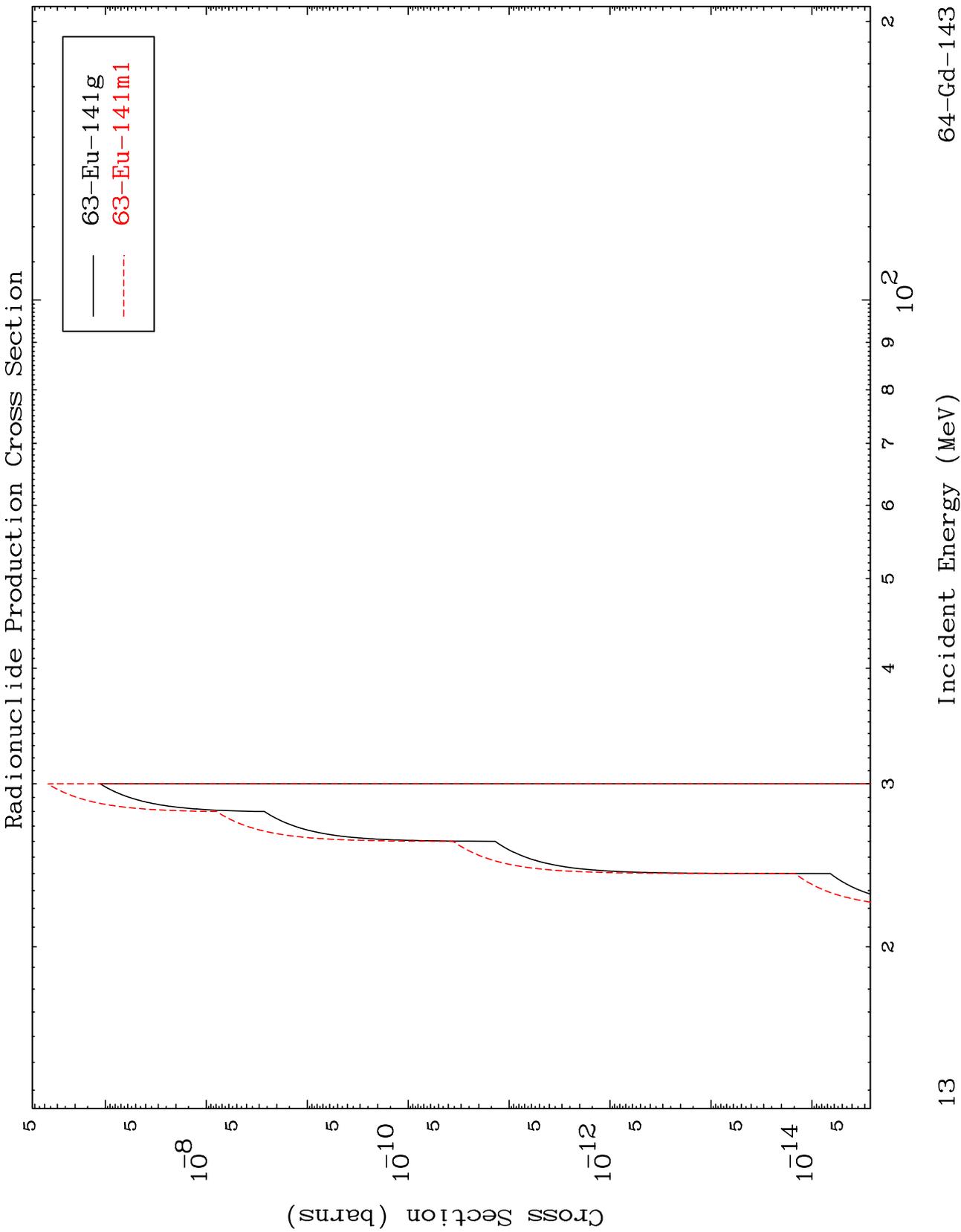
Incident Energy (MeV)

64-Gd-143

MAT 6399

(α, n') p α

64-Gd-143



13

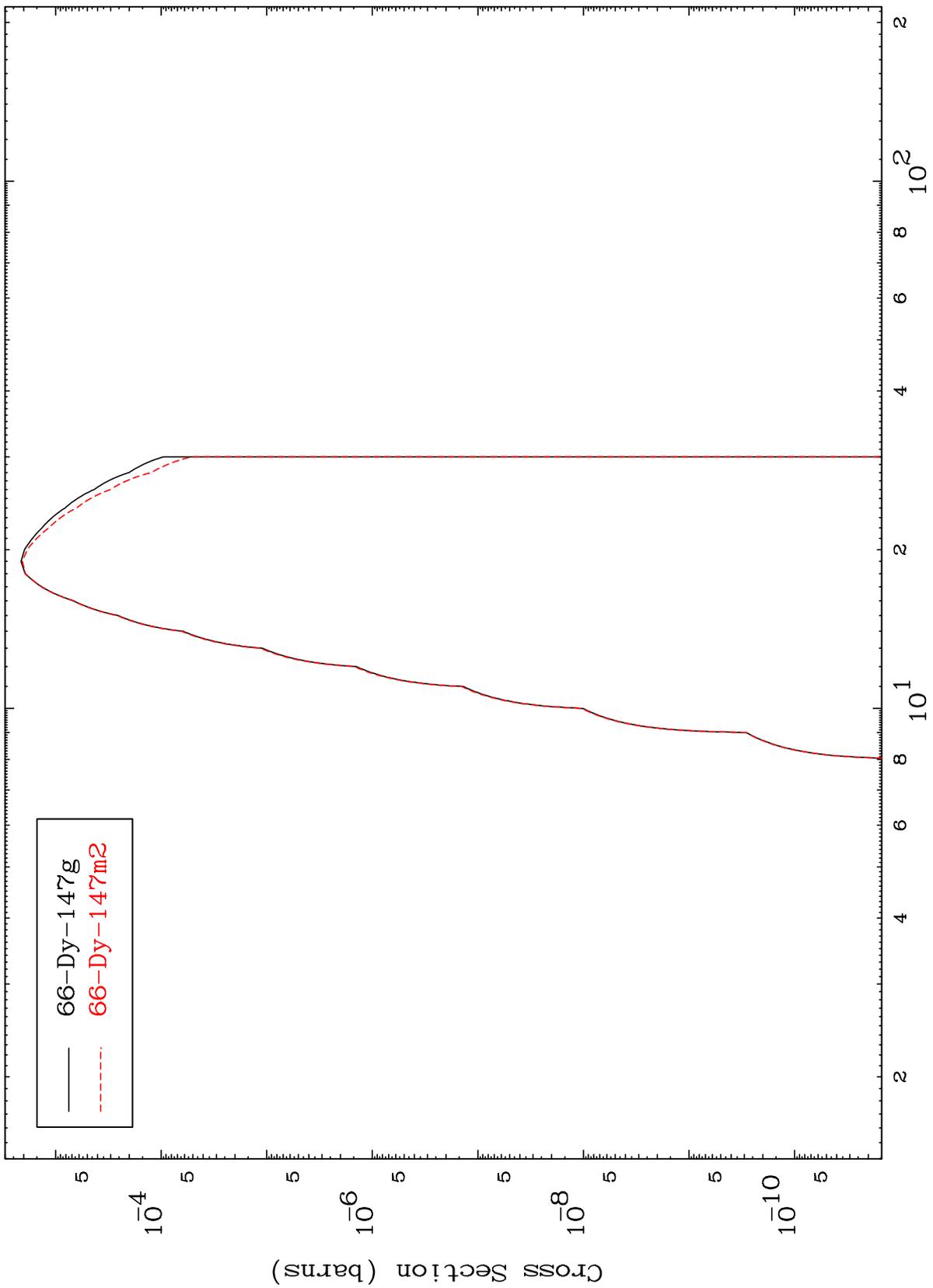
Incident Energy (MeV)

64-Gd-143

MAT 6399

64-Gd-143

(α, γ)
Radionuclide Production Cross Section



14

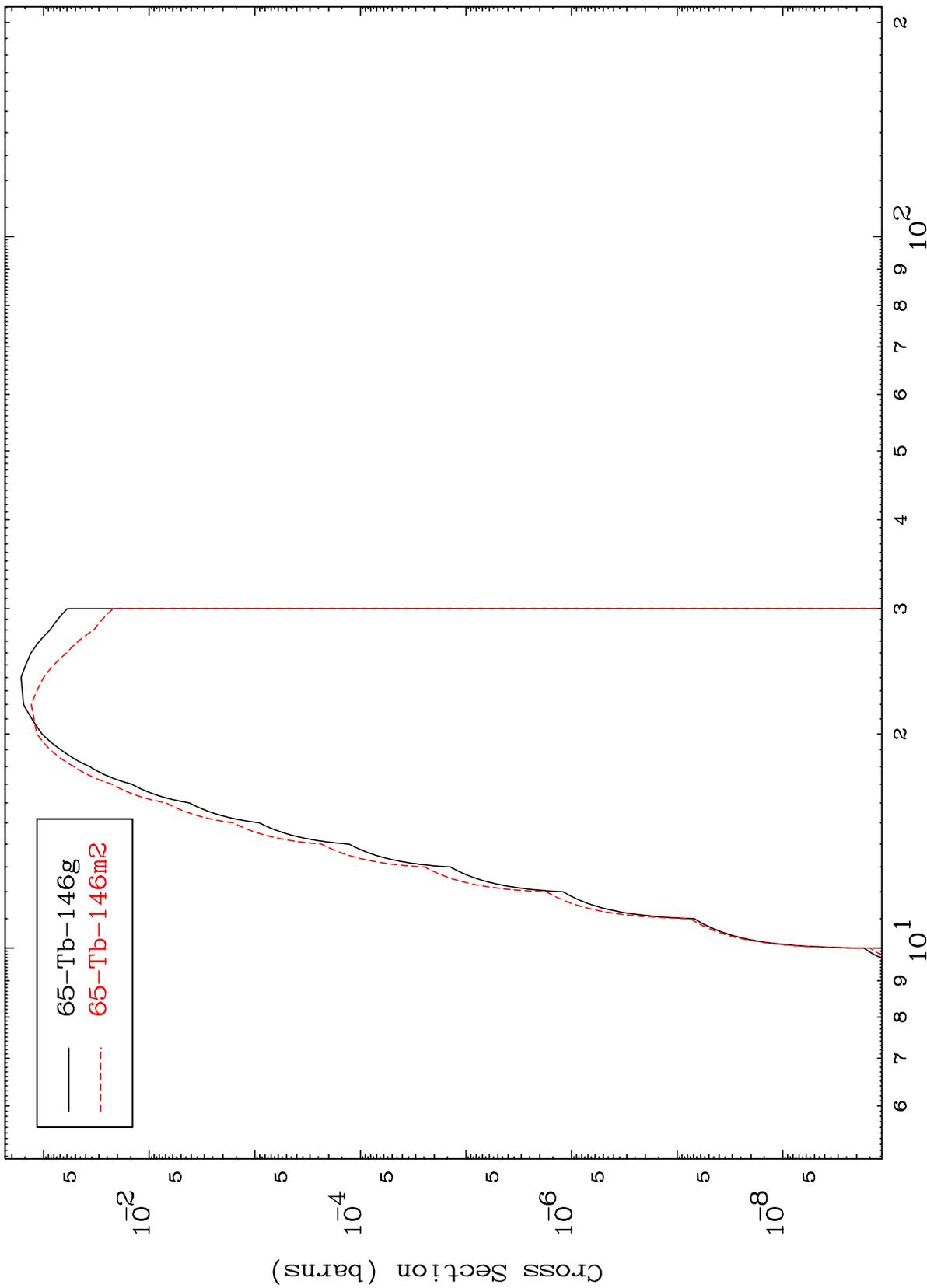
64-Gd-143

Incident Energy (MeV)

MAT 6399

64-Gd-143

(α, p)
Radionuclide Production Cross Section



15

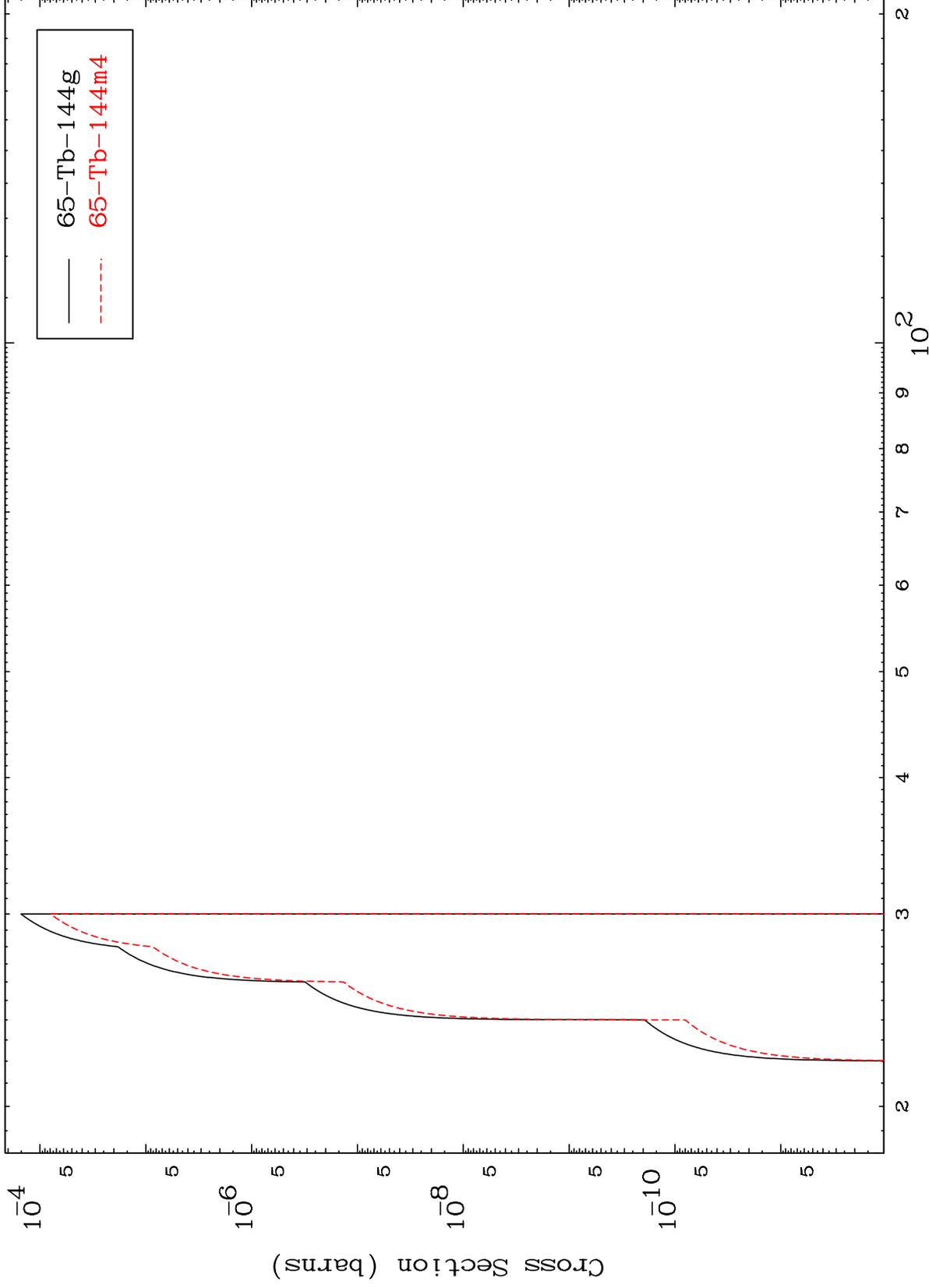
Incident Energy (MeV)

64-Gd-143

MAT 6399

64-Gd-143

(α, t)
Radionuclide Production Cross Section



16

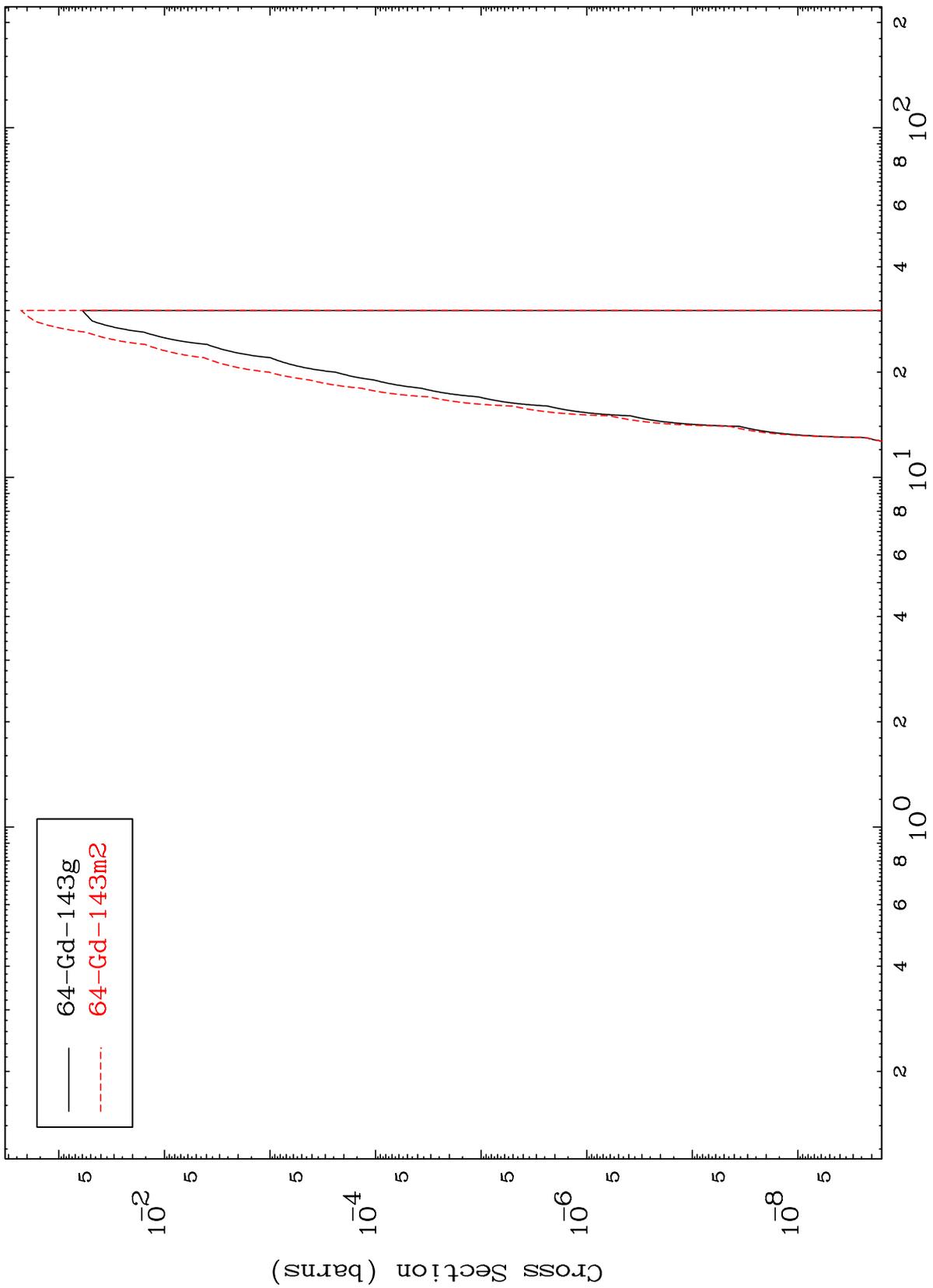
64-Gd-143

Incident Energy (MeV)

MAT 6399

64-Gd-143

(α, α)
Radionuclide Production Cross Section



64-Gd-143

Incident Energy (MeV)

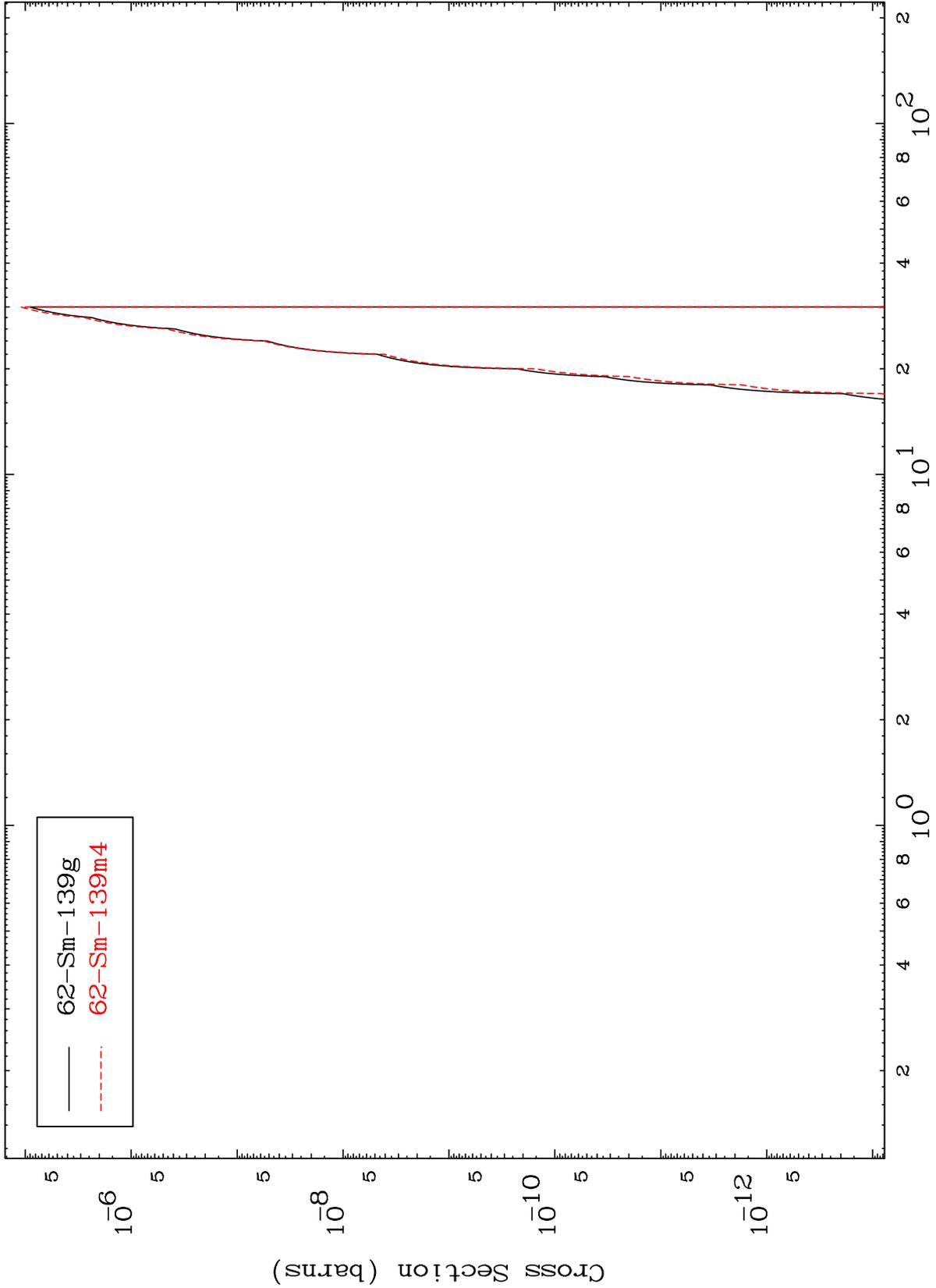
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MAT 6399

($\alpha, 2\alpha$)

64-Gd-143

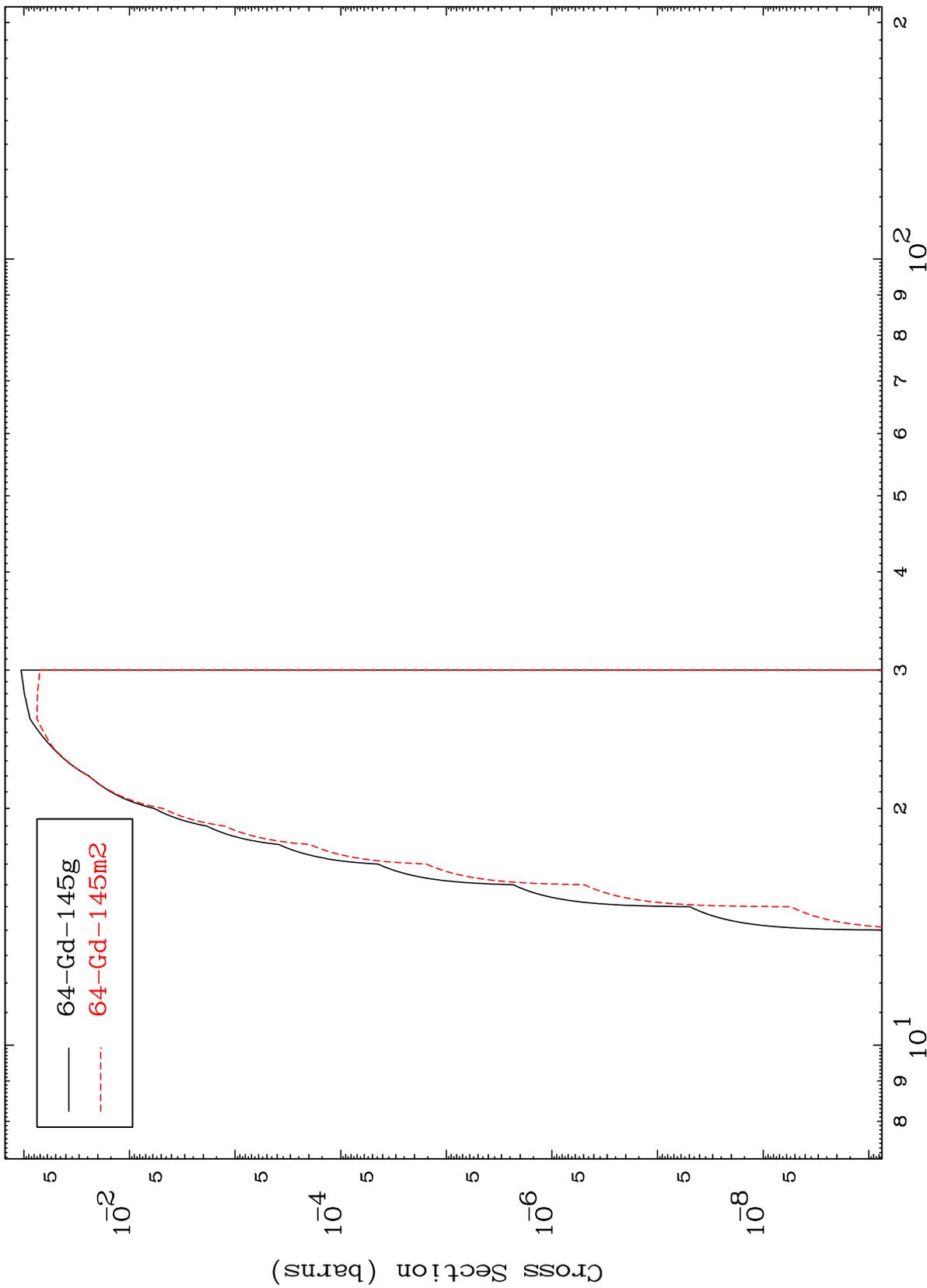
Radionuclide Production Cross Section



MAT 6399

64-Gd-143

($\alpha, 2p$)
Radionuclide Production Cross Section



19

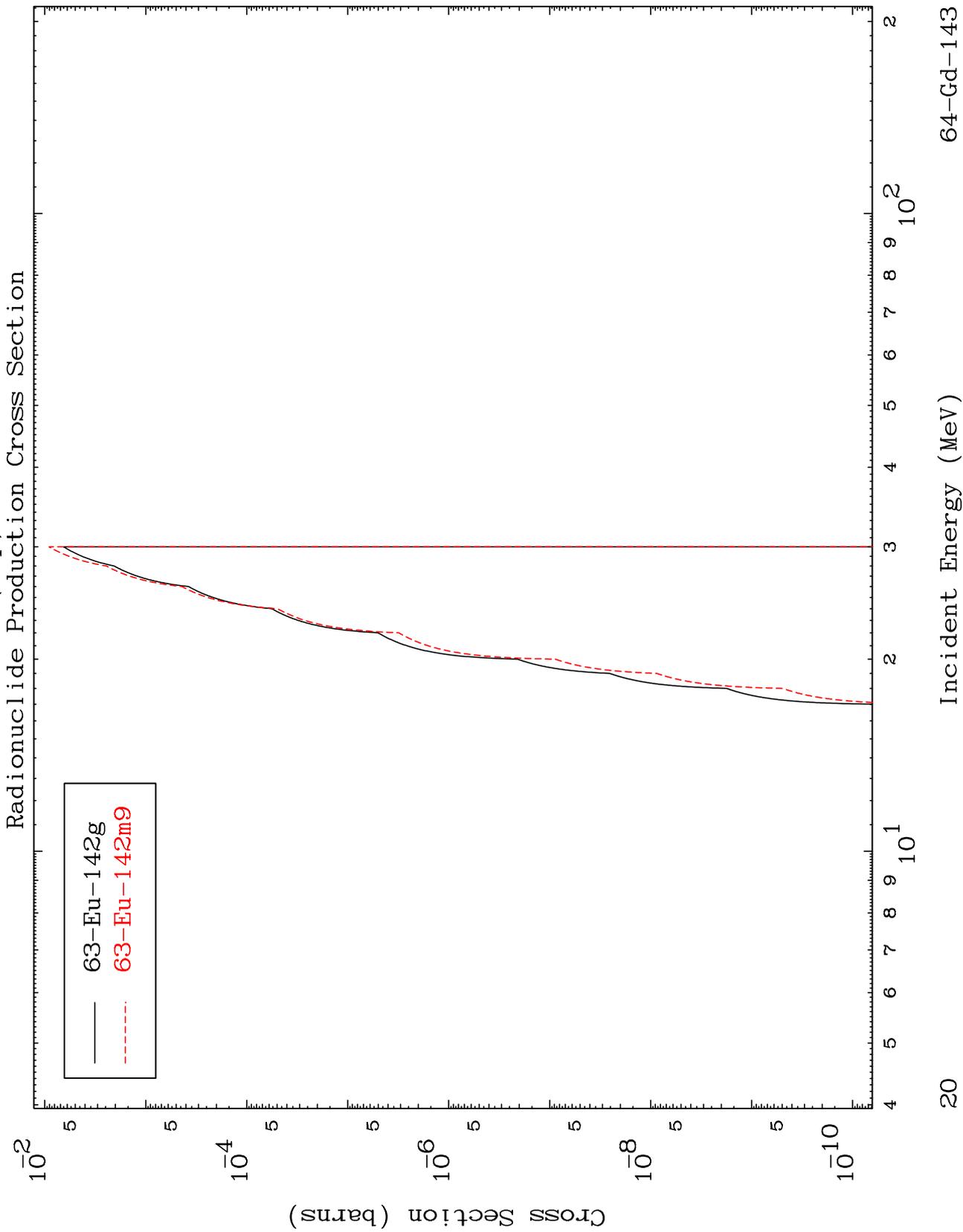
Incident Energy (MeV)

64-Gd-143

MAT 6399

(α, p) α

64-Gd-143



20

Incident Energy (MeV)

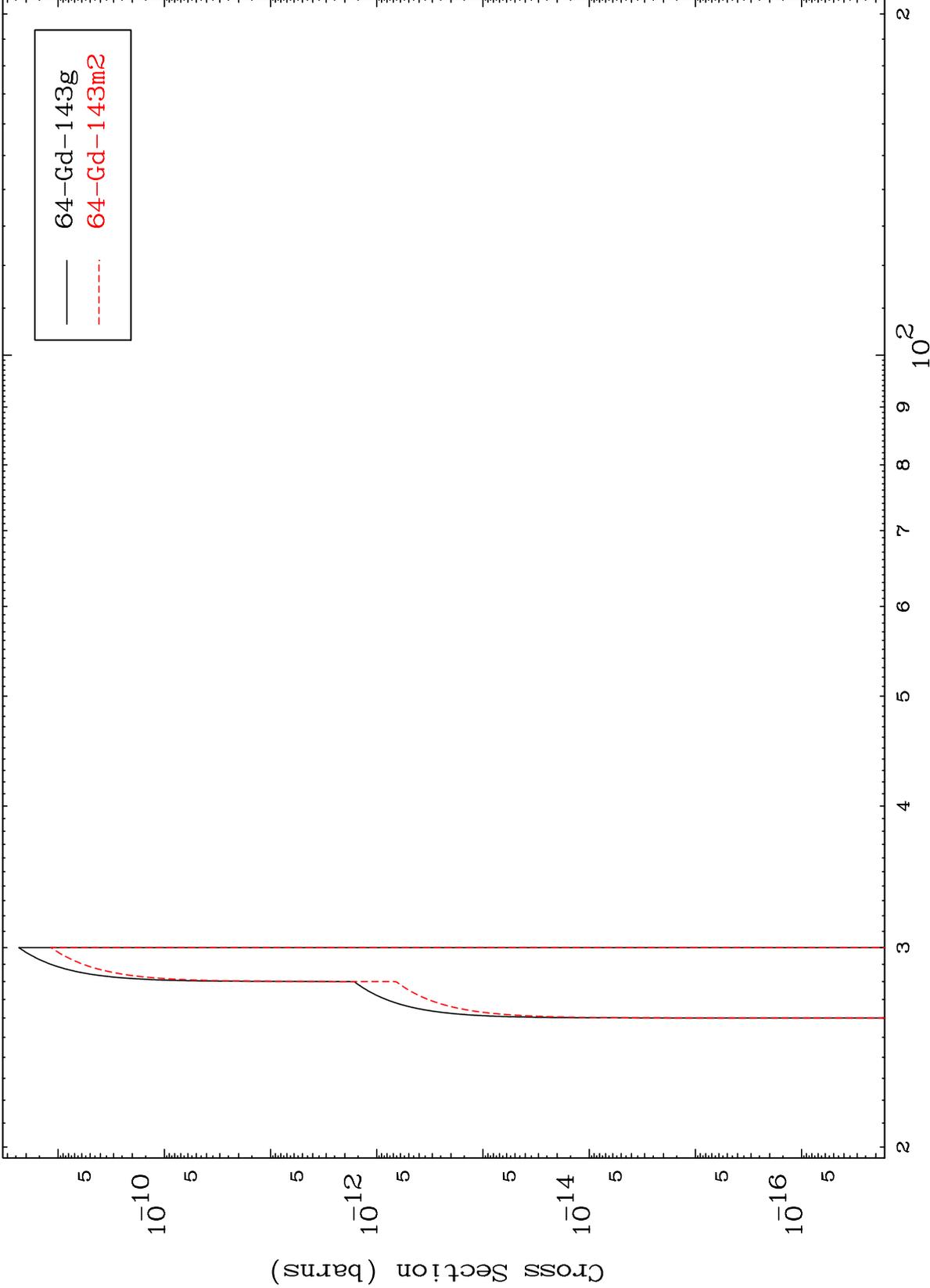
64-Gd-143

MAT 6399

(α, p) t

64-Gd-143

Radionuclide Production Cross Section



21

Incident Energy (MeV)

64-Gd-143