

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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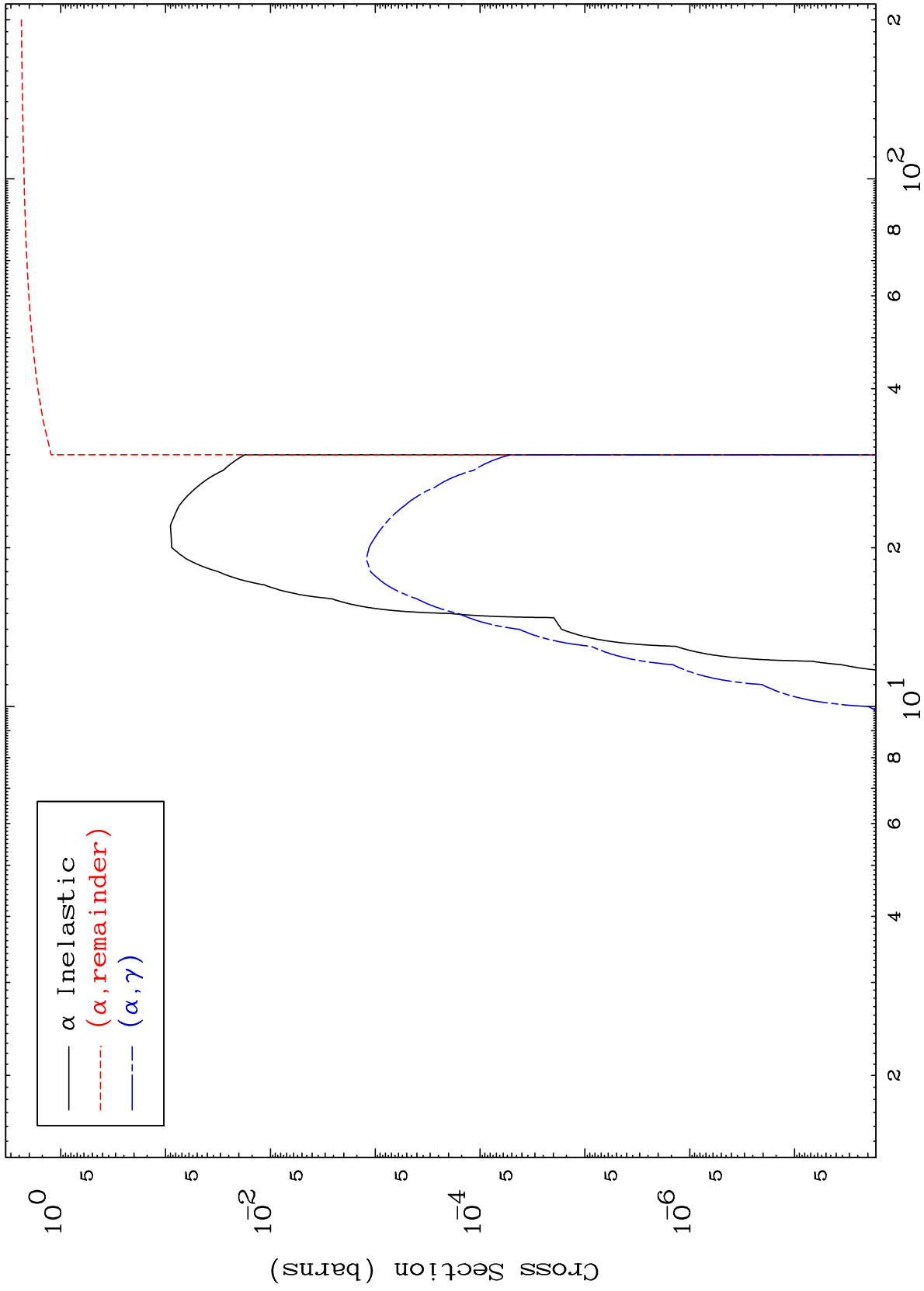
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6399

0 Kelvin α Major

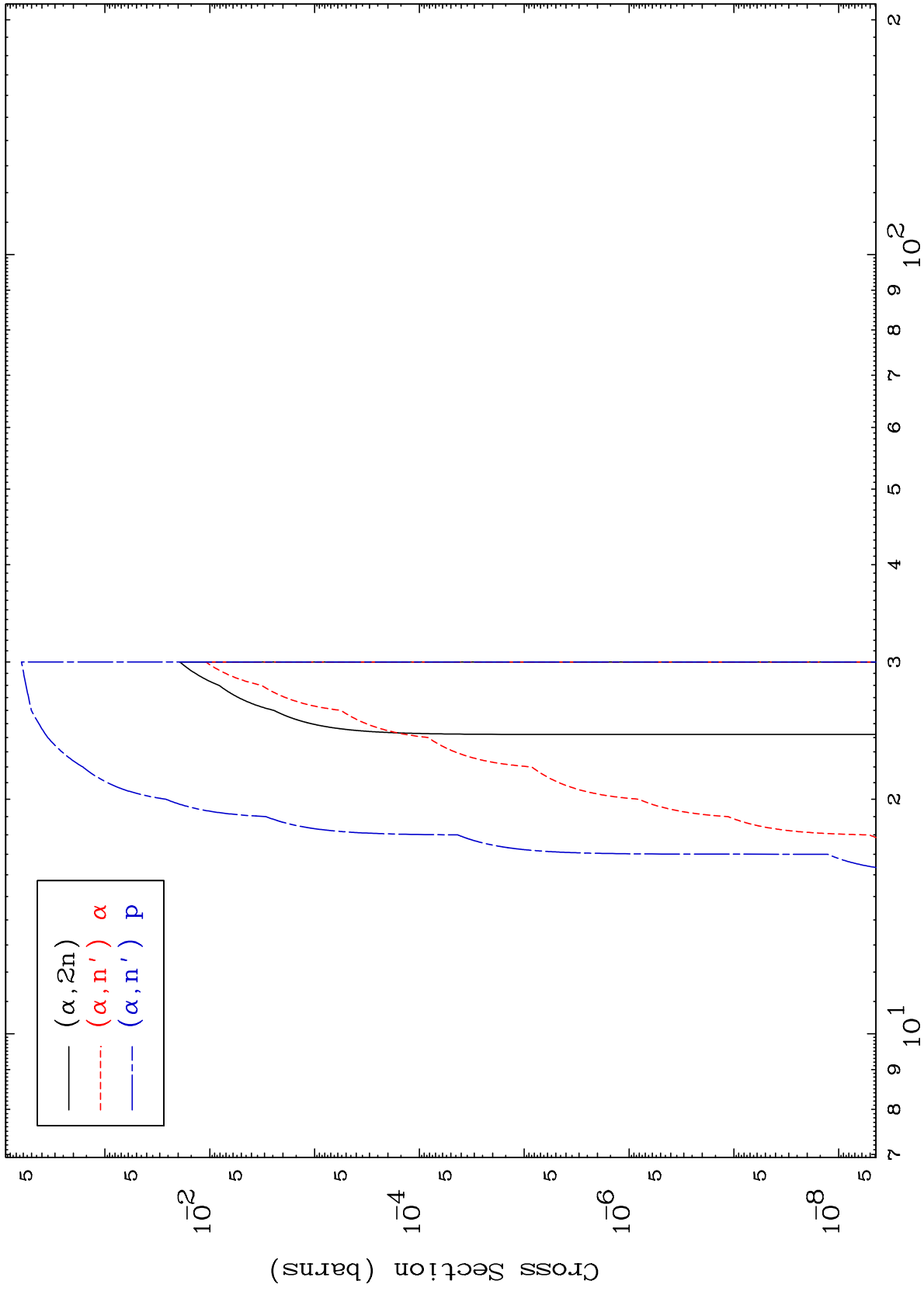
64-Gd-143



MAT 6399

α Neutron Production
0 Kelvin Cross Sections

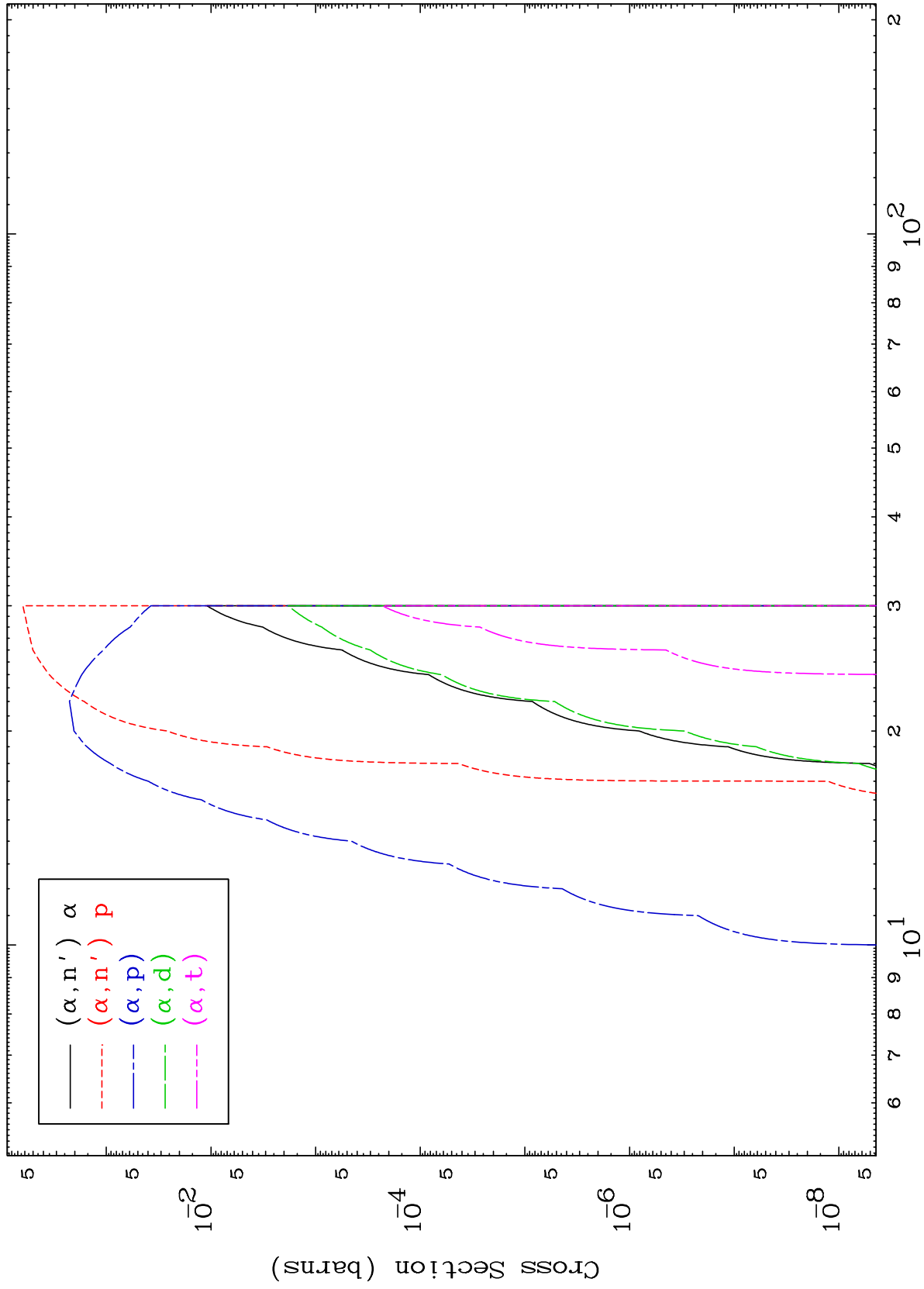
64-Gd-143



2

Incident Energy (MeV)

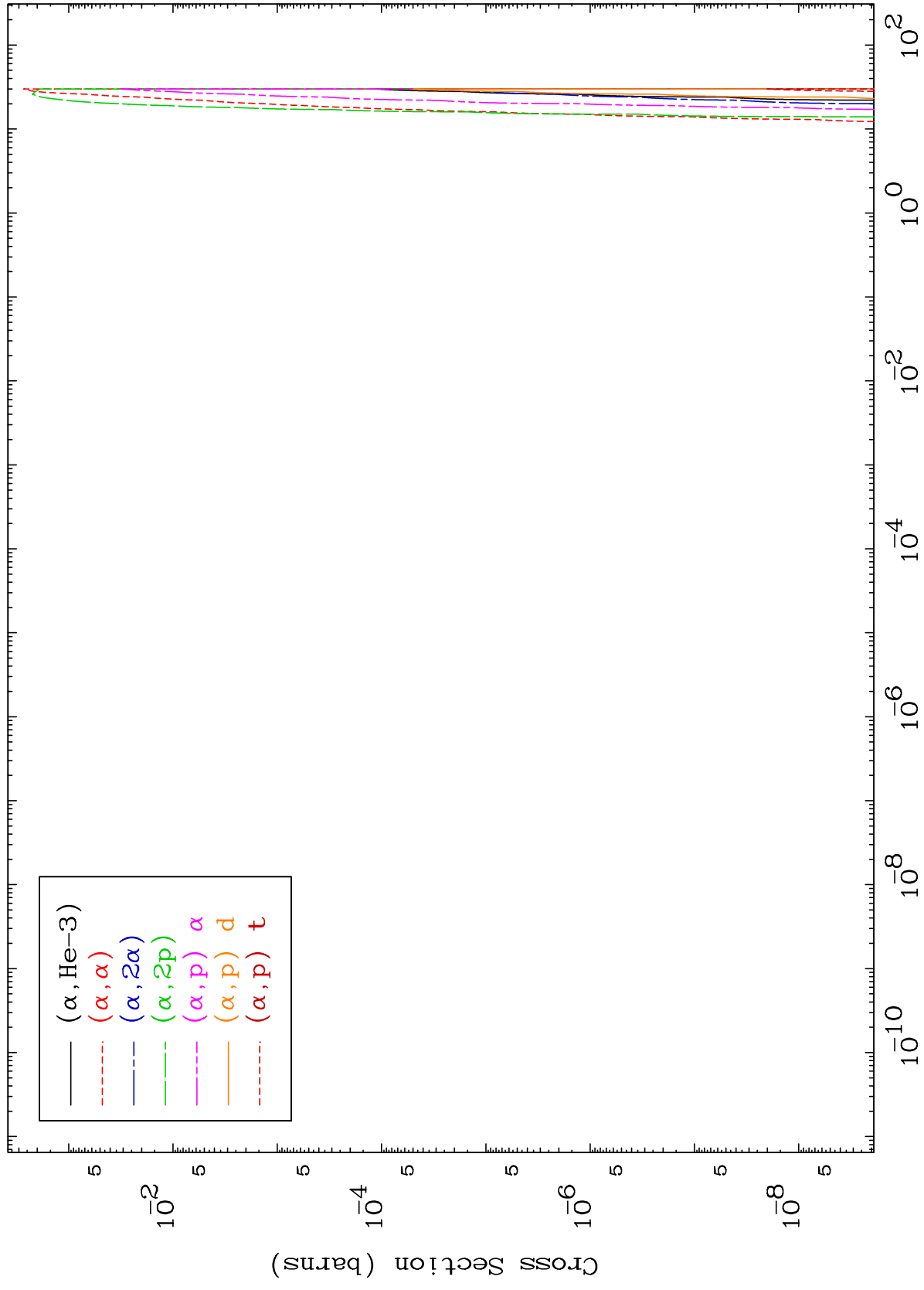
64-Gd-143



MAT 6399

α Charged Particle
0 Kelvin Cross Sections

64-Gd-143

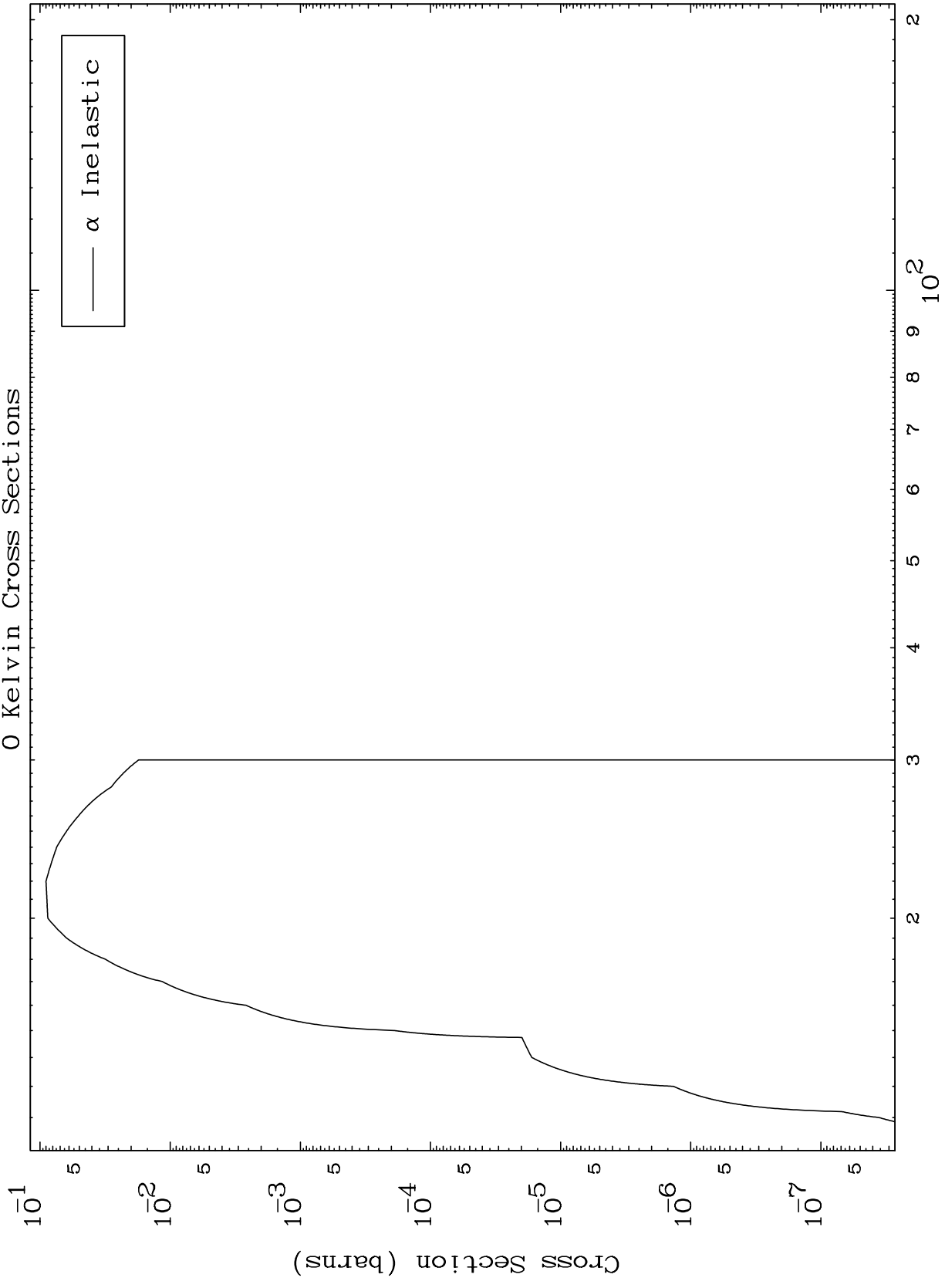


64-Gd-143

MAT 6399

(α, n') Level
0 Kelvin Cross Sections

64-Gd-143



5

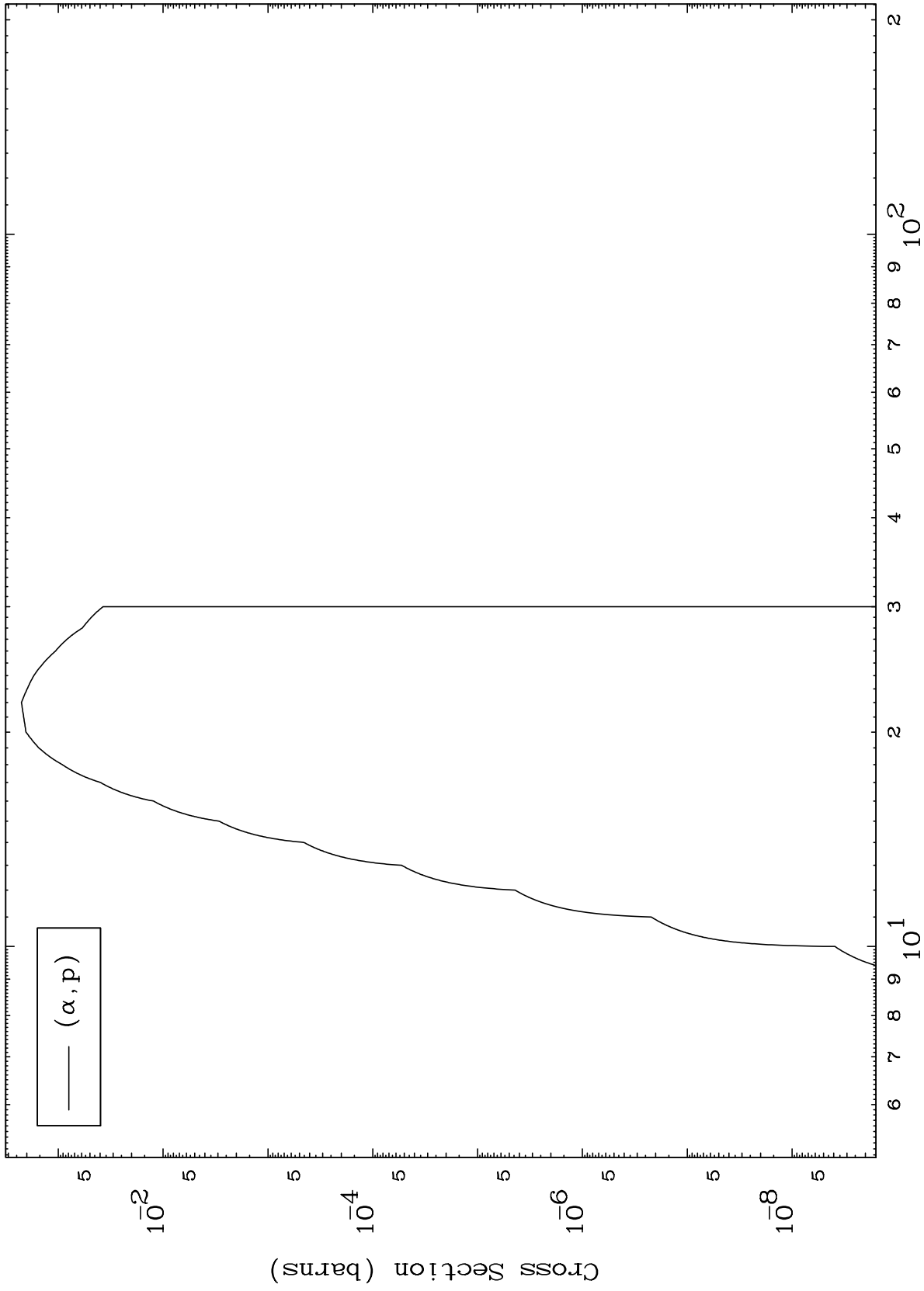
Incident Energy (MeV)

64-Gd-143

MAT 6399

(α, p) Levels
0 Kelvin Cross Sections

64-Gd-143



6

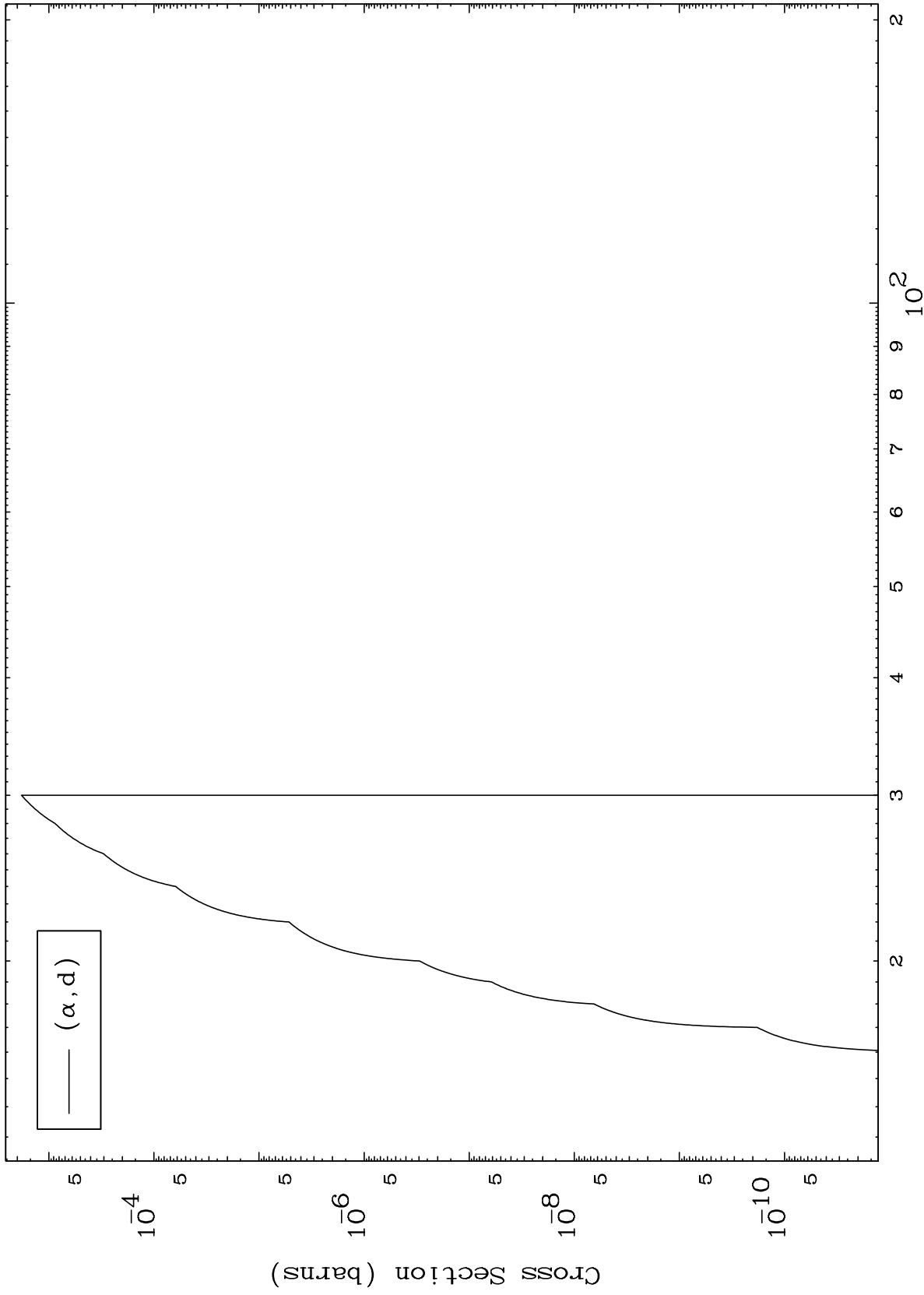
Incident Energy (MeV)

64-Gd-143

MAT 6399

(α, d) Levels
0 Kelvin Cross Sections

64-Gd-143



7

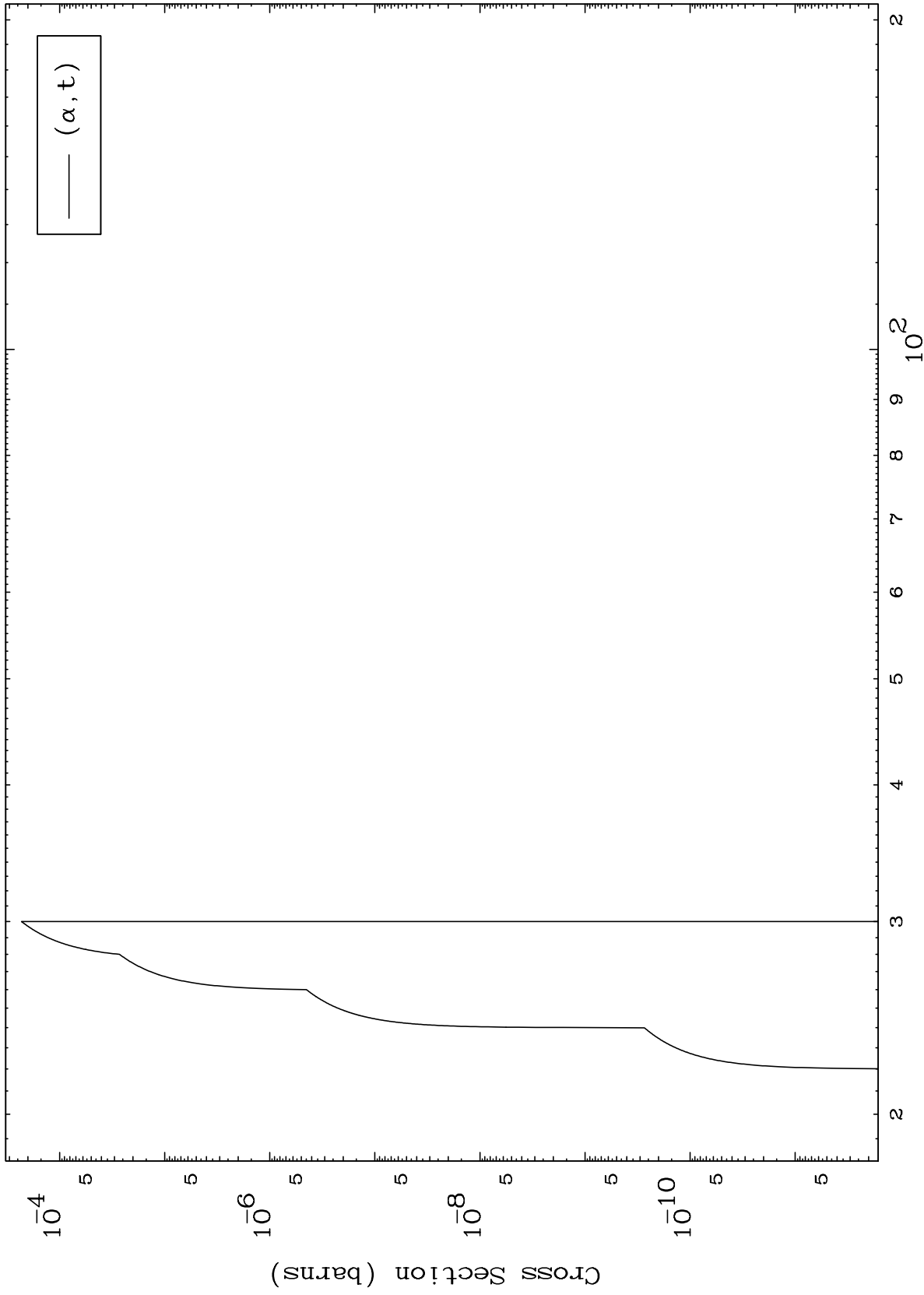
Incident Energy (MeV)

64-Gd-143

MAT 6399

(α, t) Levels
0 Kelvin Cross Sections

64-Gd-143



8

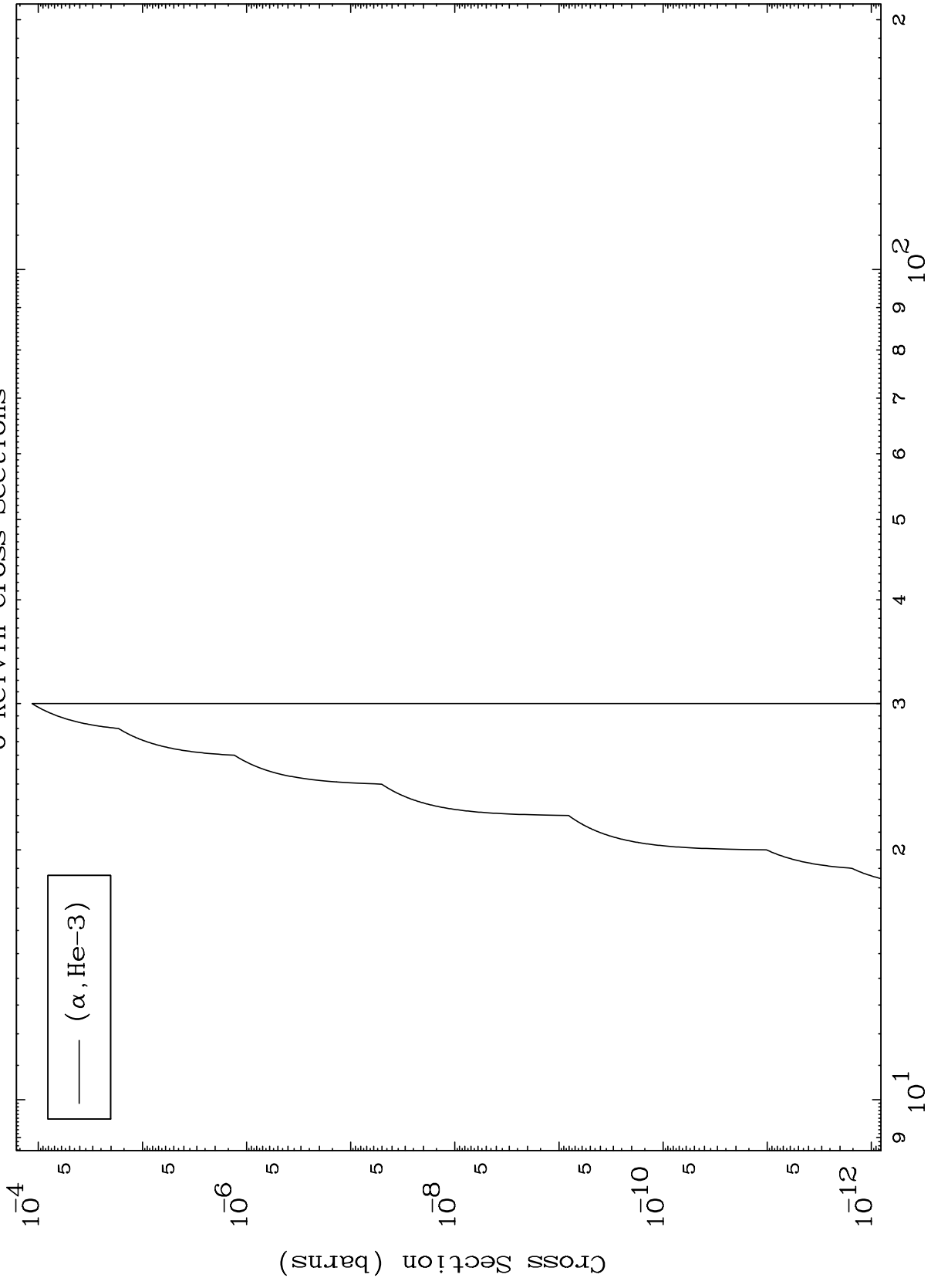
Incident Energy (MeV)

64-Gd-143

MAT 6399

(α , He3) Levels
0 Kelvin Cross Sections

64-Gd-143



9

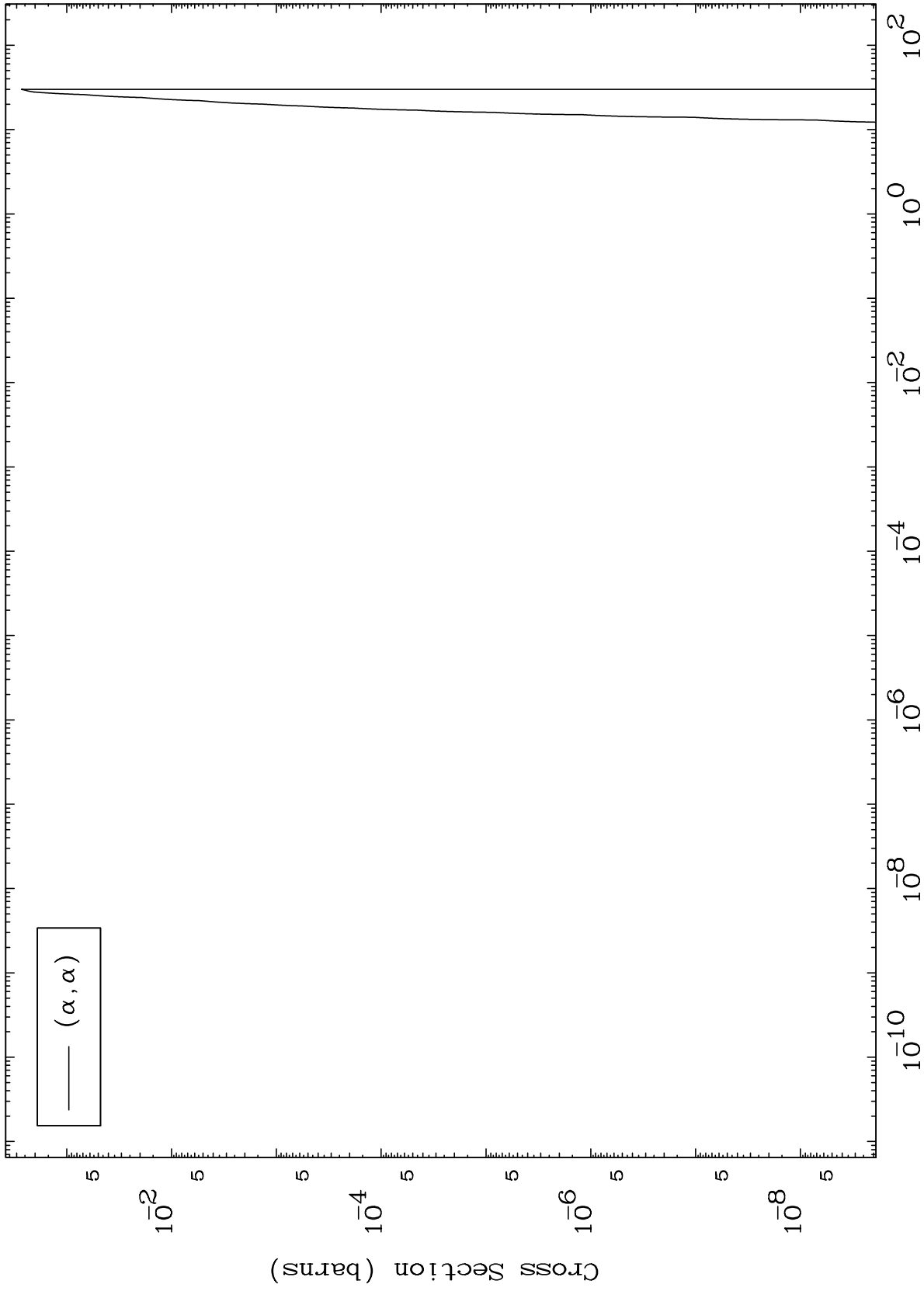
Incident Energy (MeV)

64-Gd-143

MAT 6399

(α, α) Levels
0 Kelvin Cross Sections

64-Gd-143

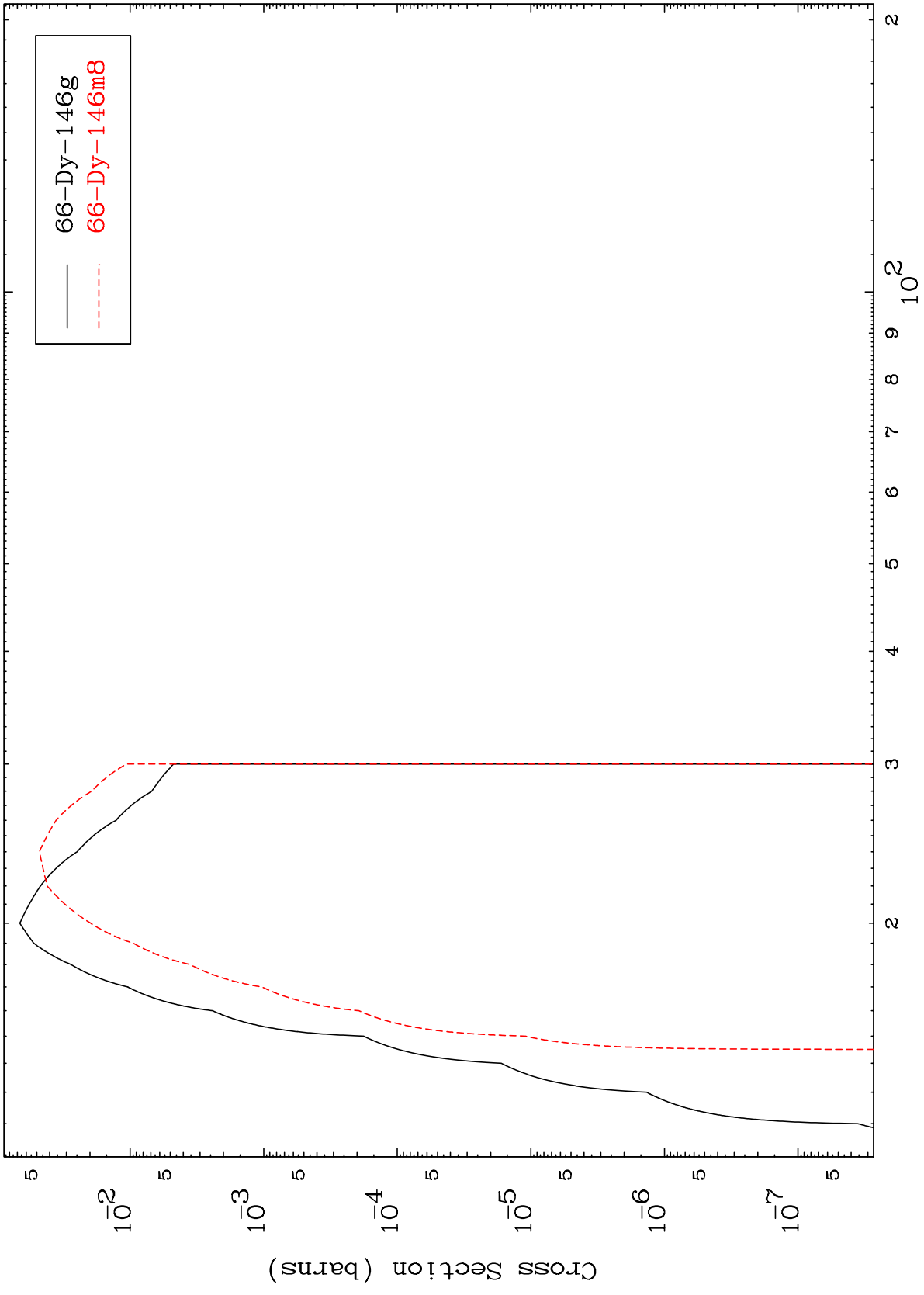


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Incident Energy (MeV)

64-Gd-143

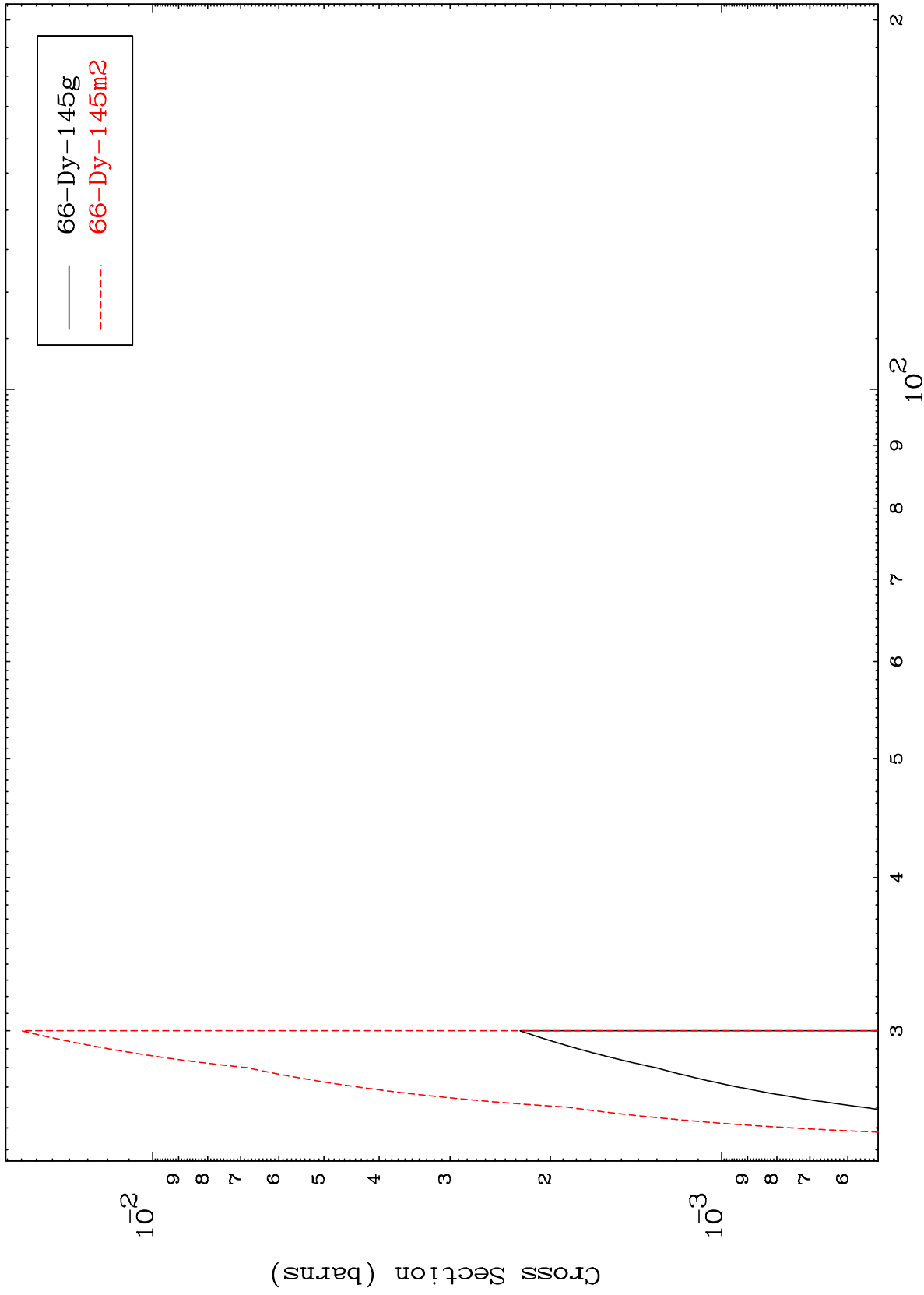
α Inelastic
Radionuclide Production Cross Section



MAT 6399

64-Gd-143

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



12

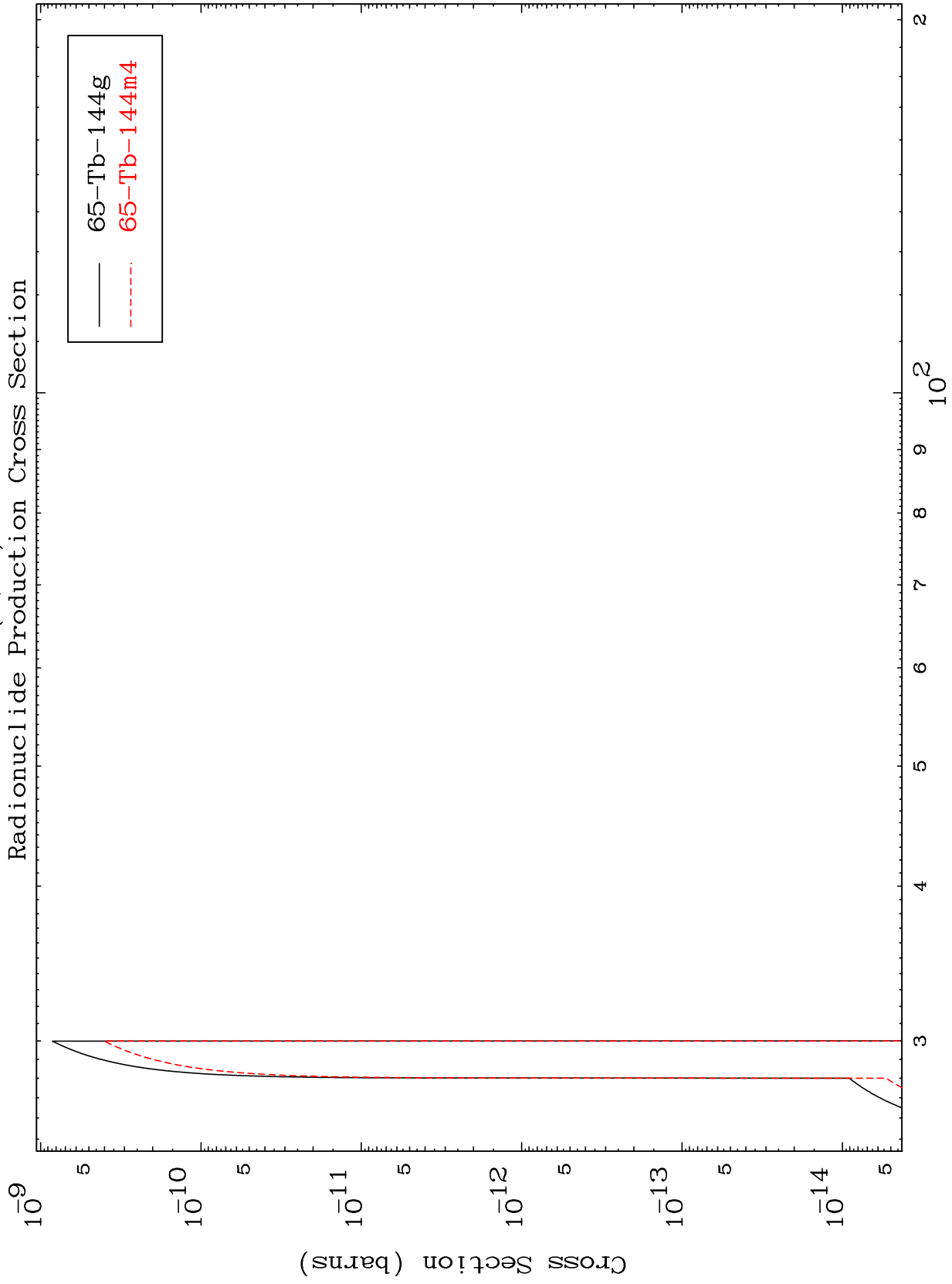
Incident Energy (MeV)

64-Gd-143

MAT 6399

(α, n') d

64-Gd-143



13

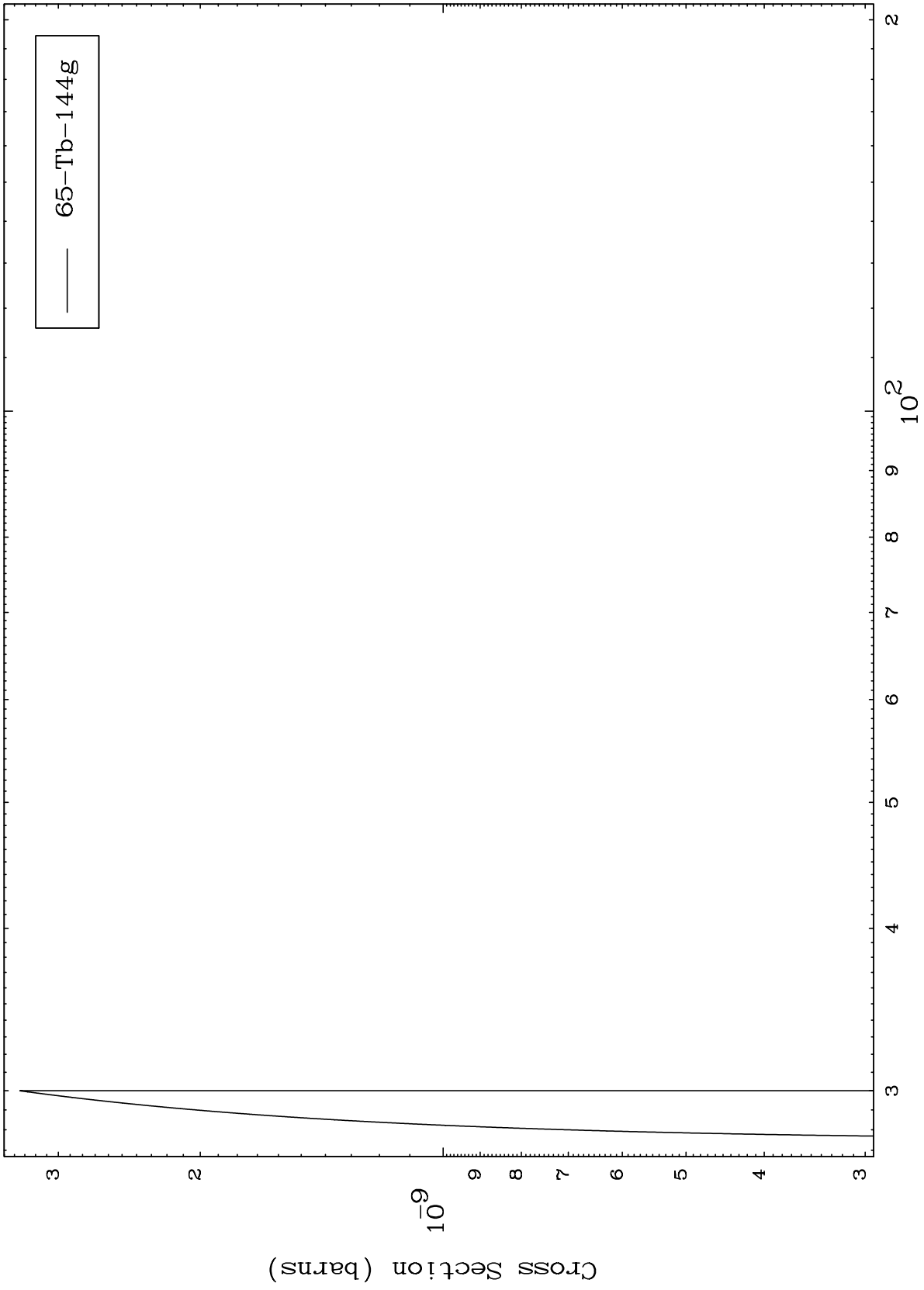
Incident Energy (MeV)

64-Gd-143

MAT 6399

64-Gd-143

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



14

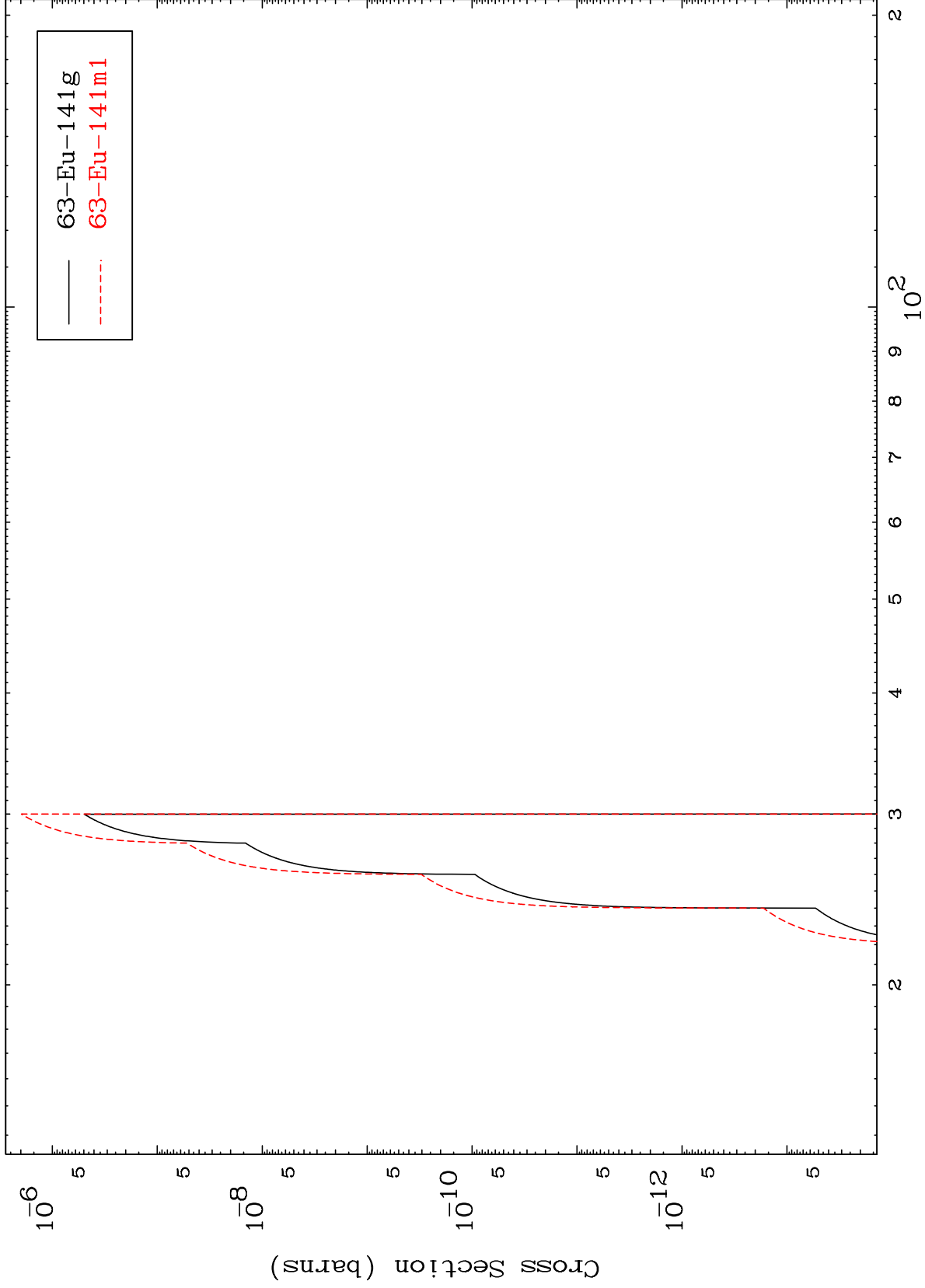
64-Gd-143

MAT 6399

(α, n') p α

64-Gd-143

Radionuclide Production Cross Section



15

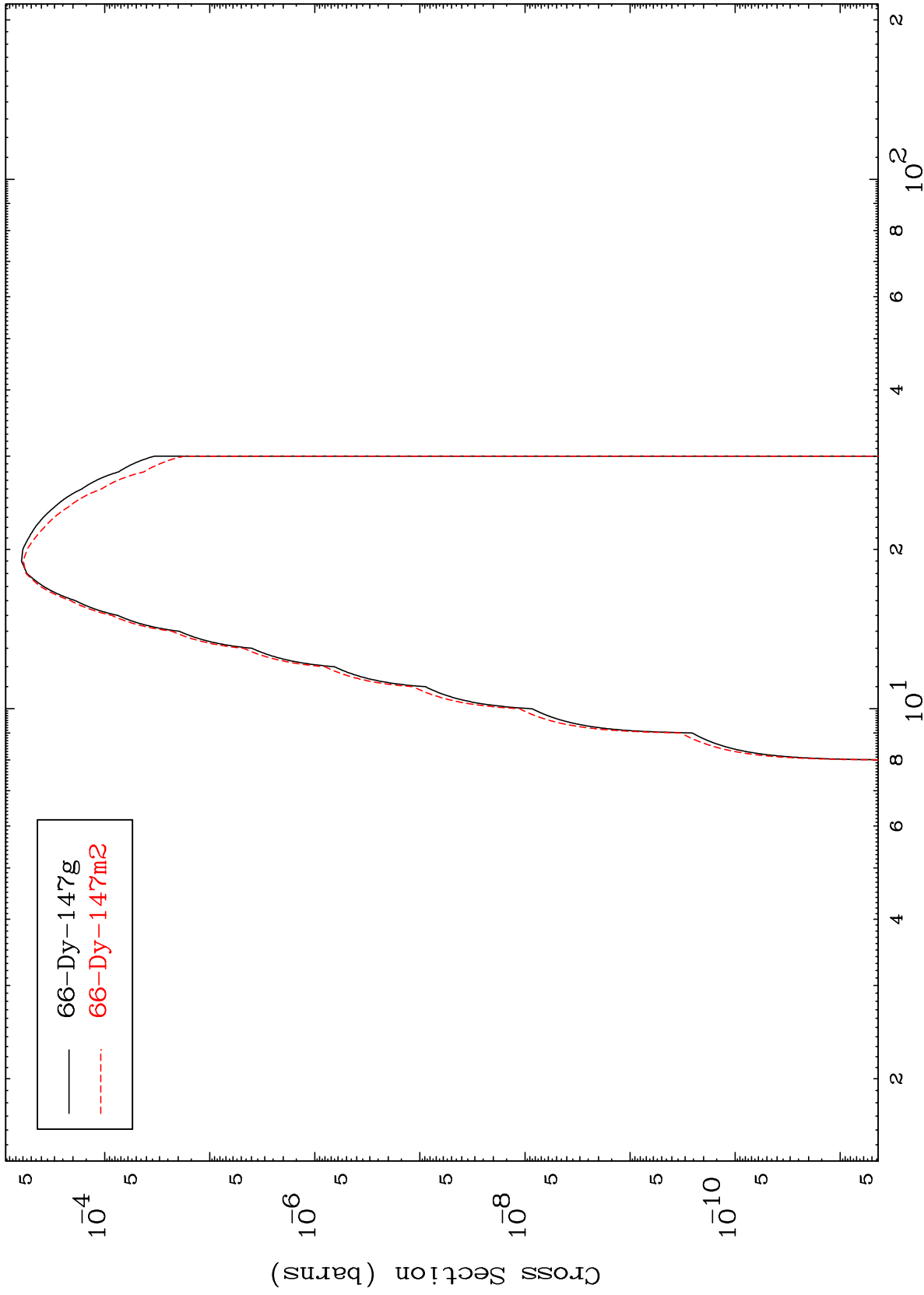
Incident Energy (MeV)

64-Gd-143

MAT 6399

64-Gd-143

(α, γ)
Radionuclide Production Cross Section



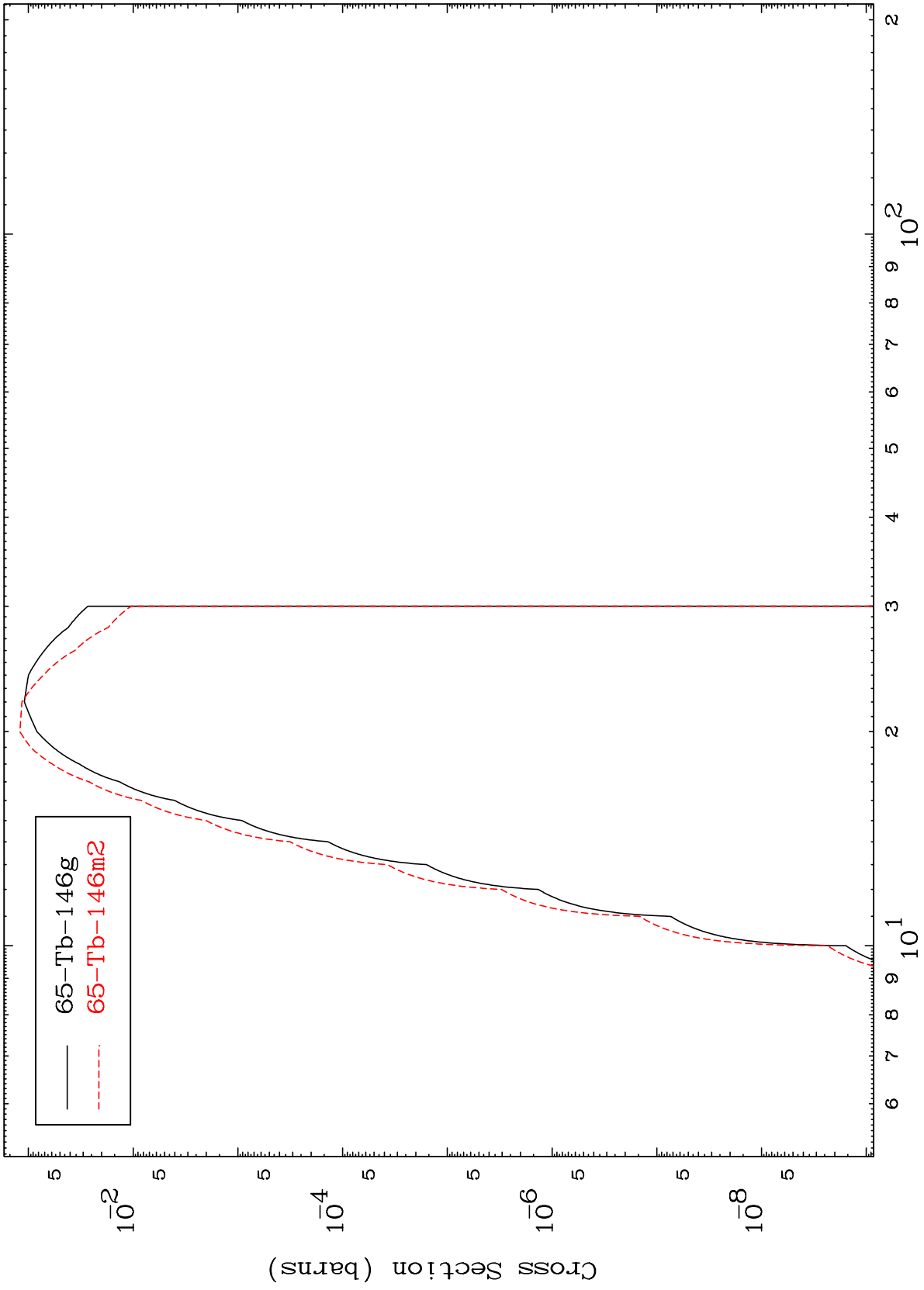
16

64-Gd-143

MAT 6399

64-Gd-143

(α, p)
Radionuclide Production Cross Section



17

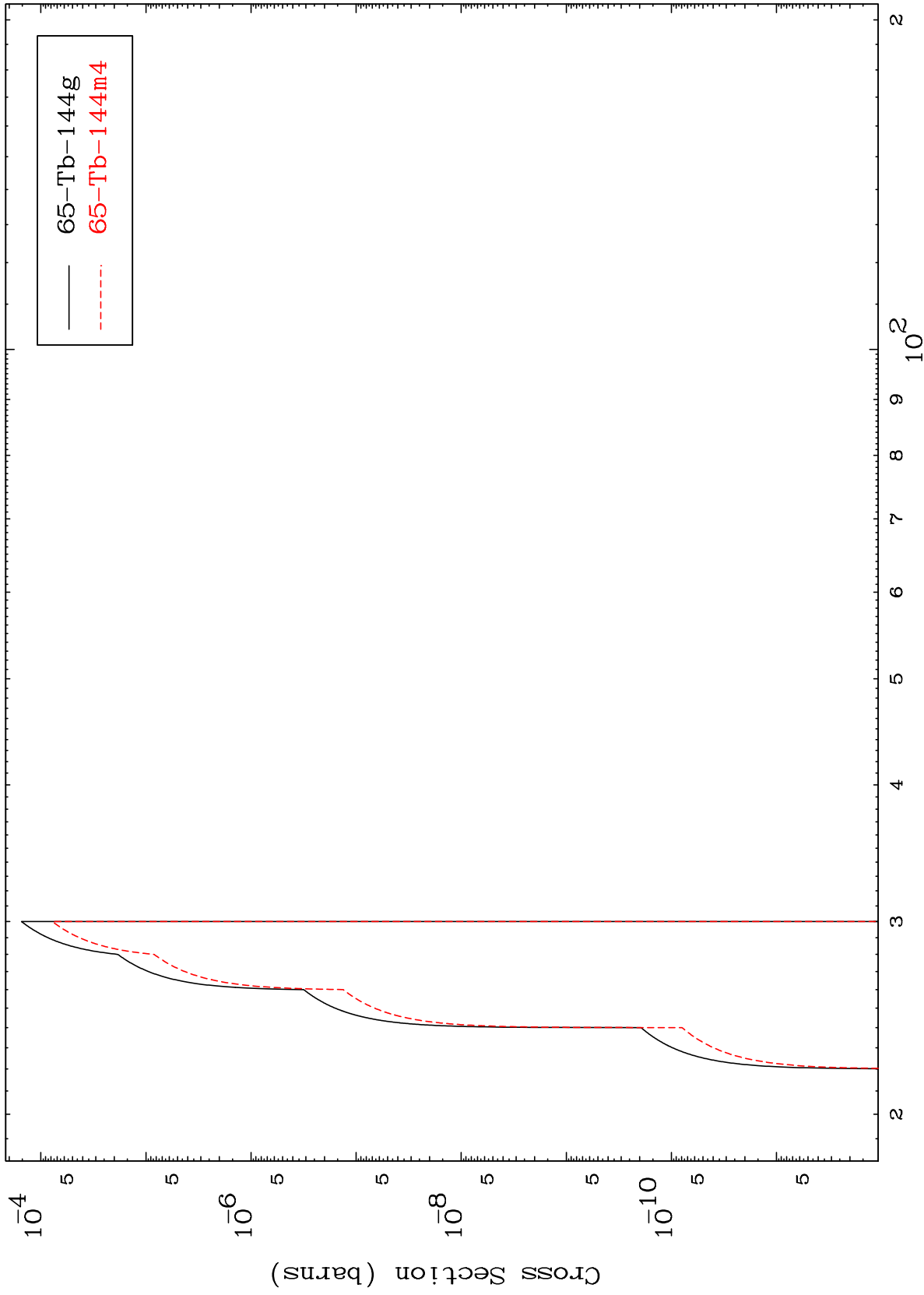
64-Gd-143

MAT 6399

(α, t)

64-Gd-143

Radionuclide Production Cross Section



18

Incident Energy (MeV)

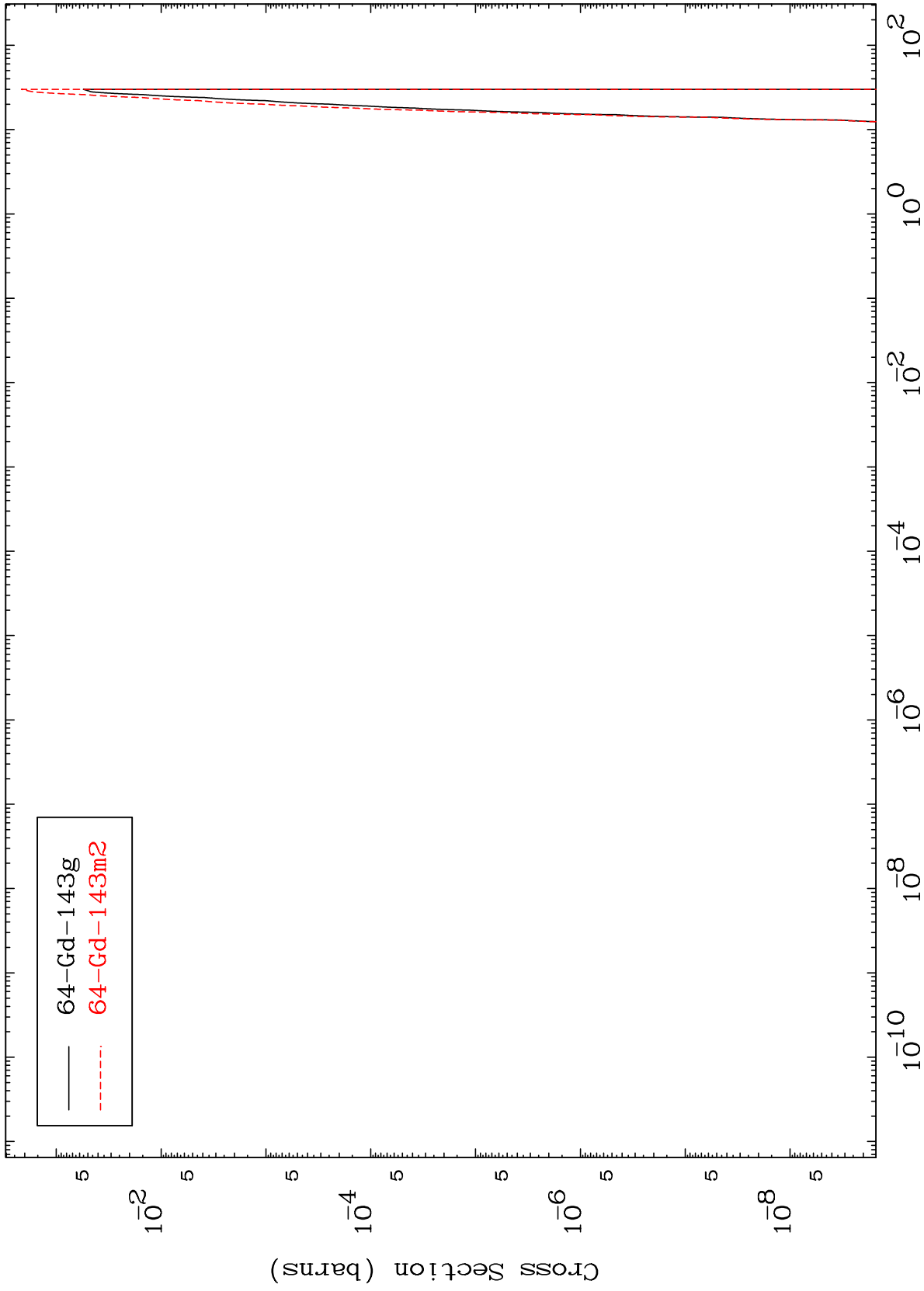
64-Gd-143

MAT 6399

(α, α)

64-Gd-143

Radionuclide Production Cross Section



19

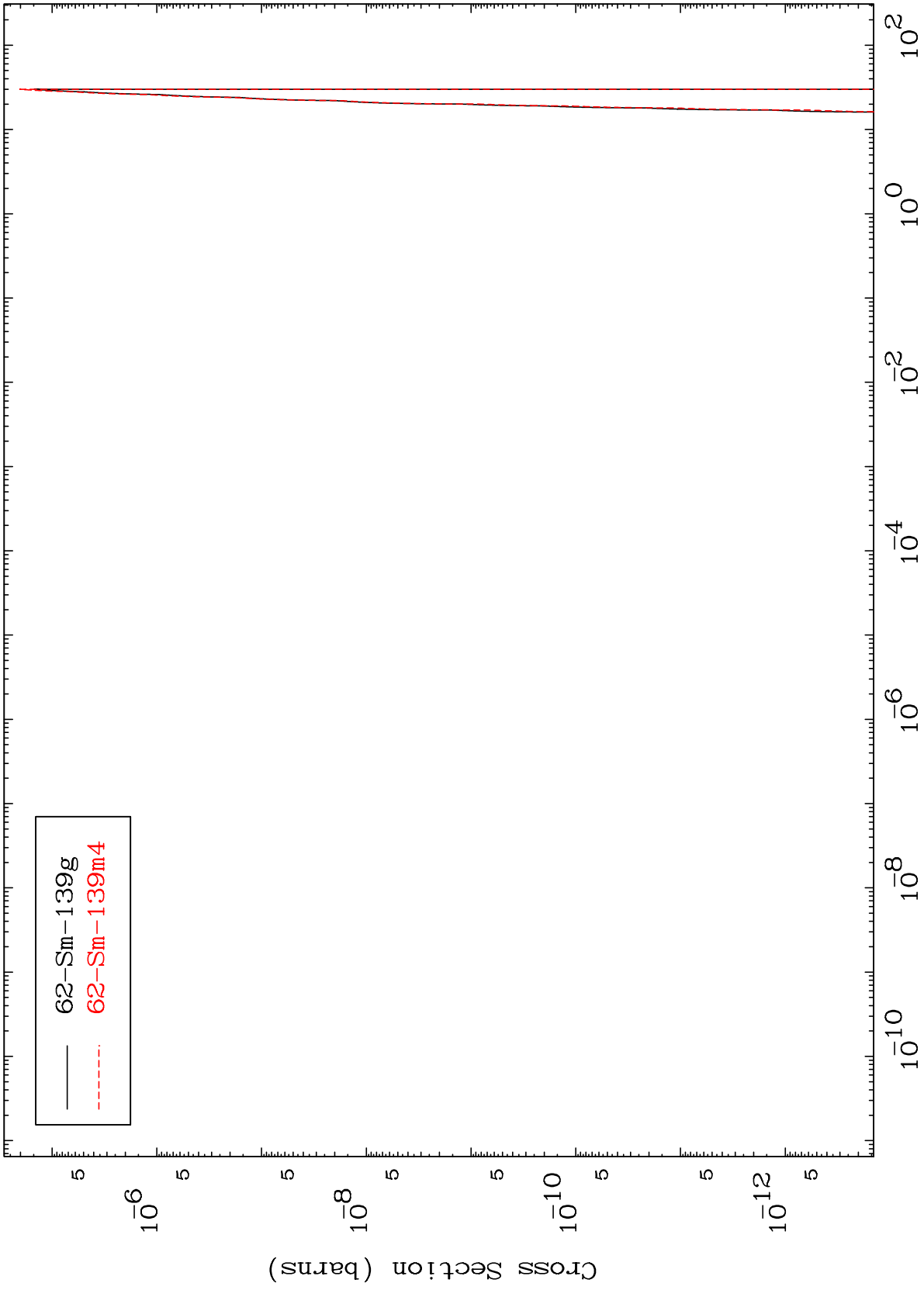
Incident Energy (MeV)

64-Gd-143

MAT 6399

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

64-Gd-143



20

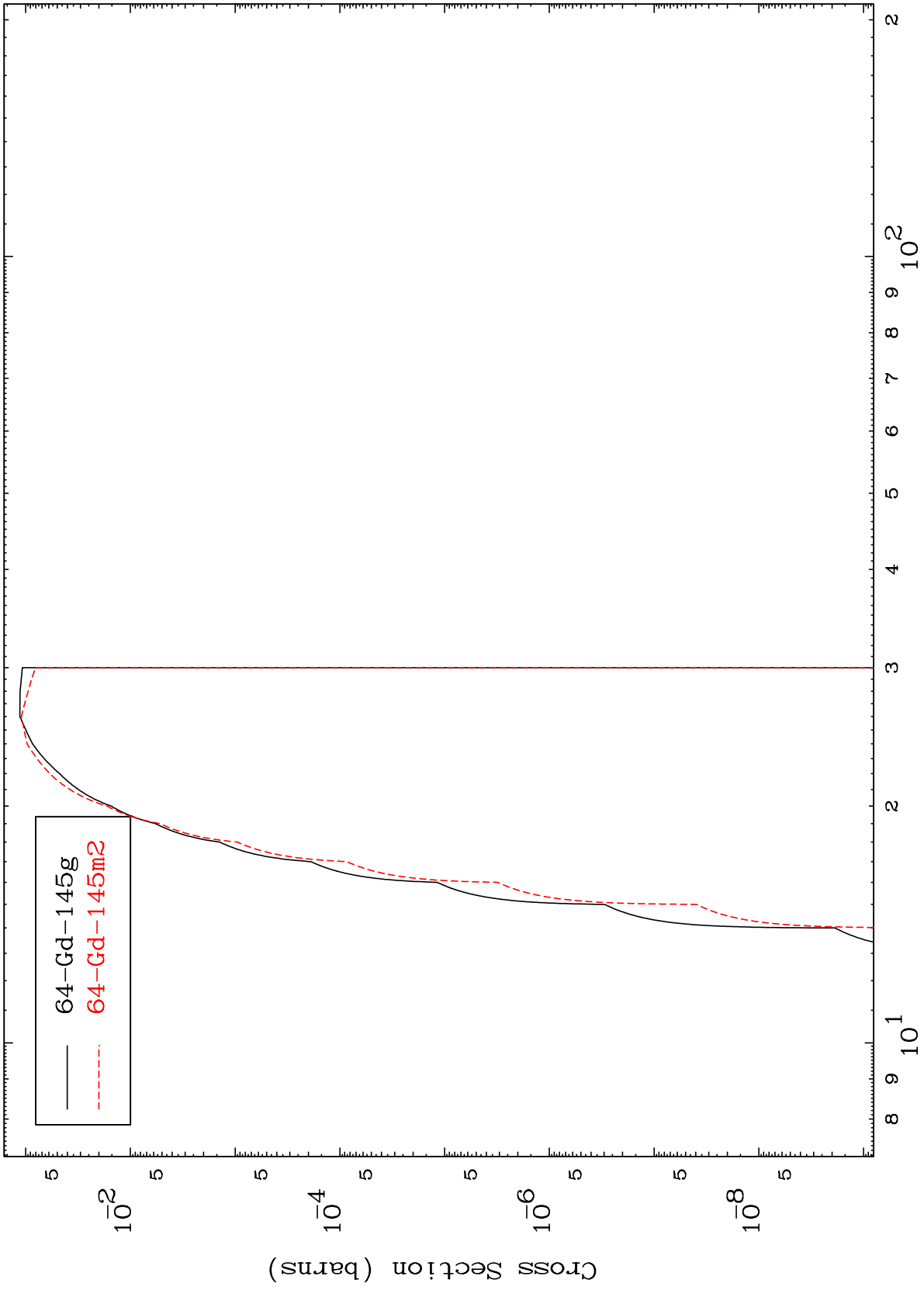
Incident Energy (MeV)

64-Gd-143

MAT 6399

64-Gd-143

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



21

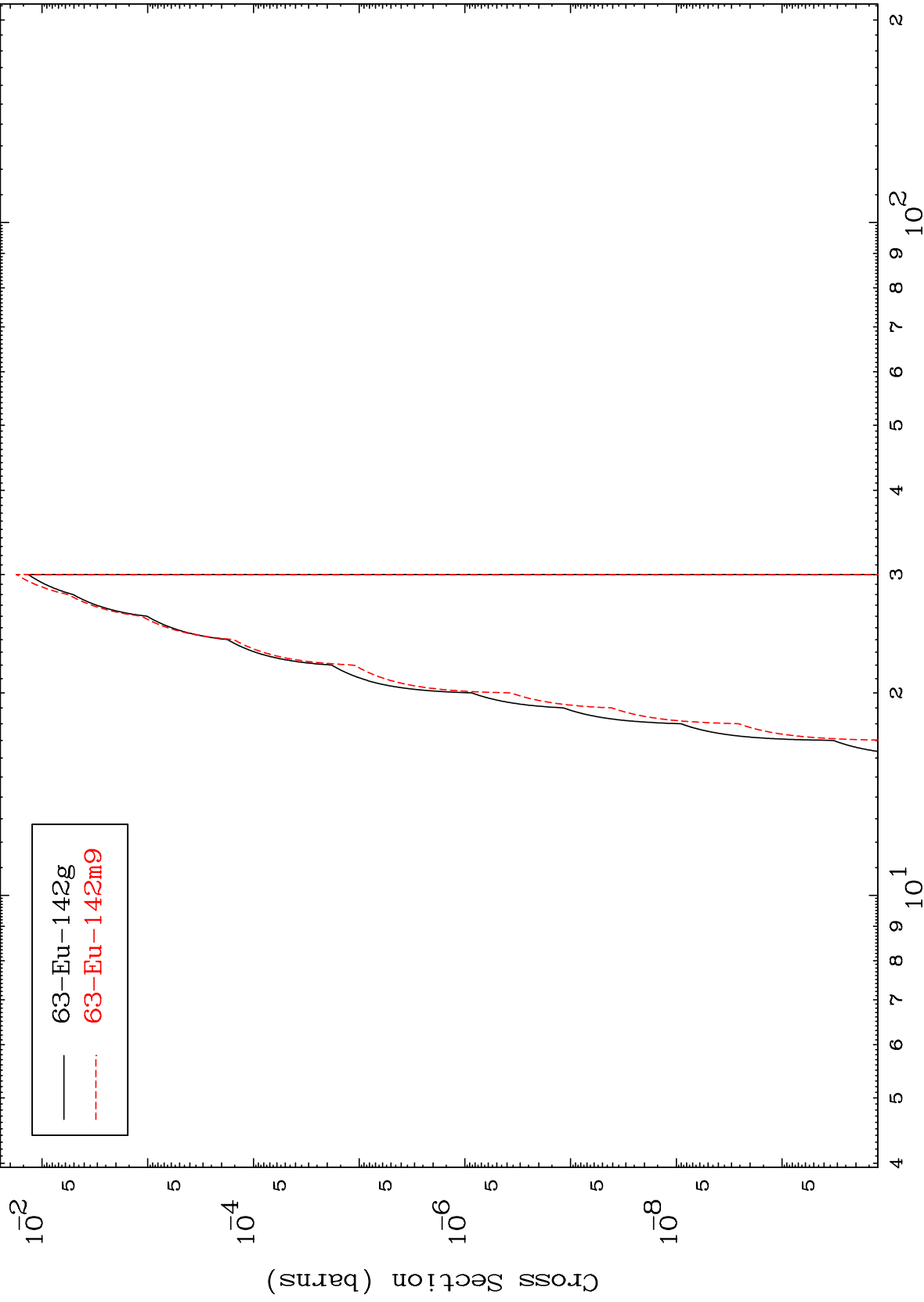
64-Gd-143

MAT 6399

(α, p) α

64-Gd-143

Radionuclide Production Cross Section



22

Incident Energy (MeV)

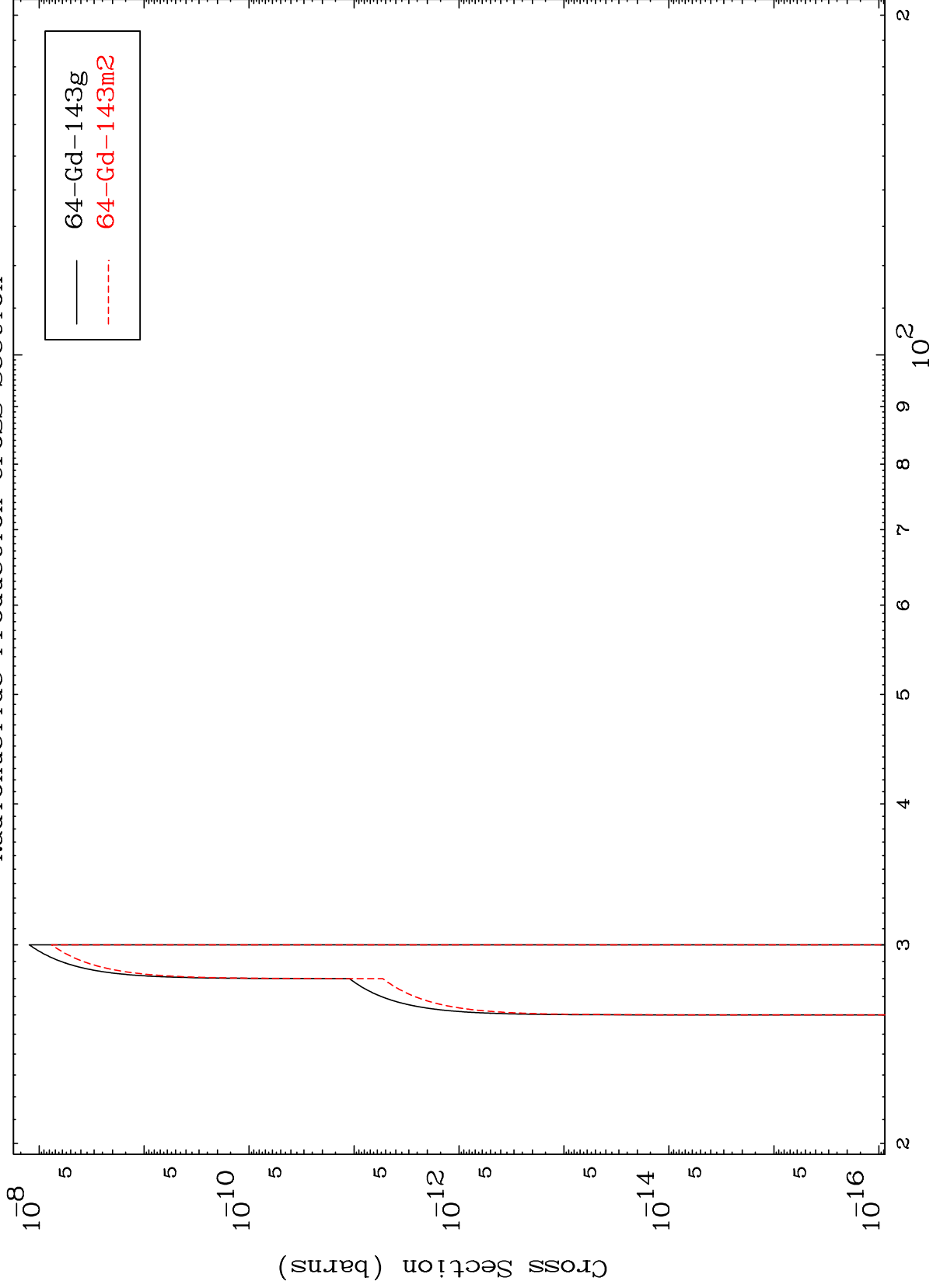
64-Gd-143

MAT 6399

(α, p) t

64-Gd-143

Radionuclide Production Cross Section



23

Incident Energy (MeV)

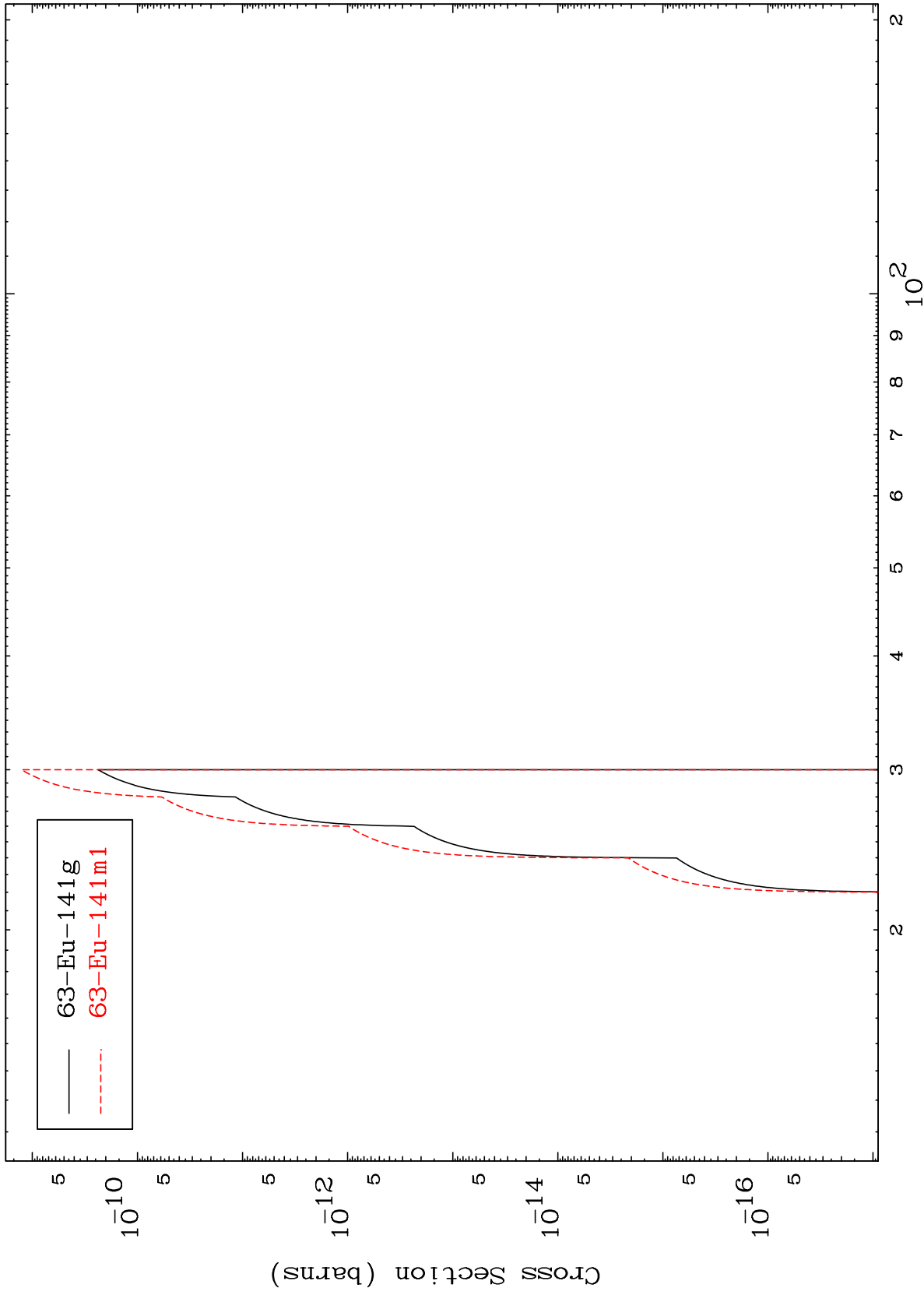
64-Gd-143

MAT 6399

(α, d) α

64-Gd-143

Radionuclide Production Cross Section



24

Incident Energy (MeV)

64-Gd-143