

Program EVALPLOT
(Version 2018-1)

by

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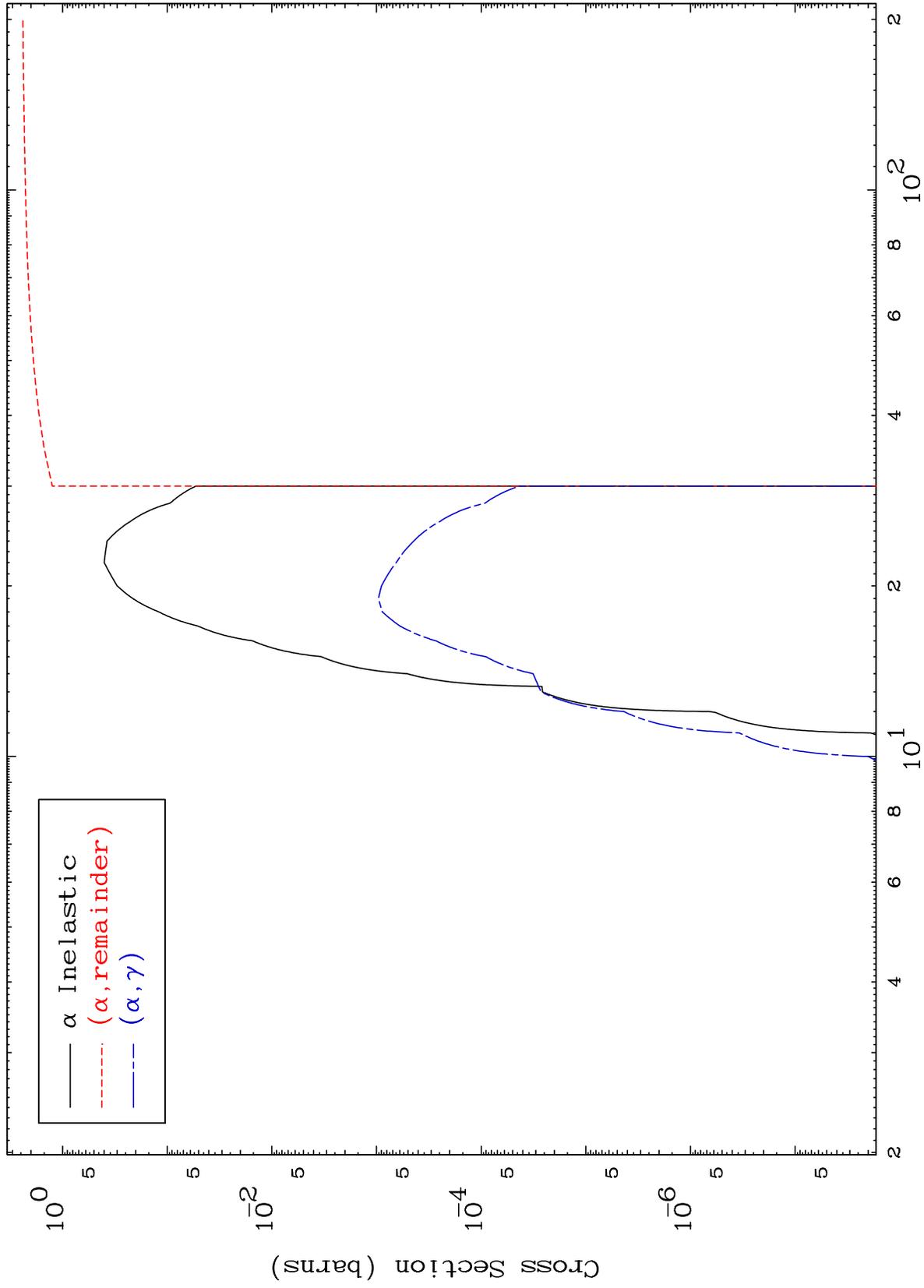
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6405

0 Kelvin α Major

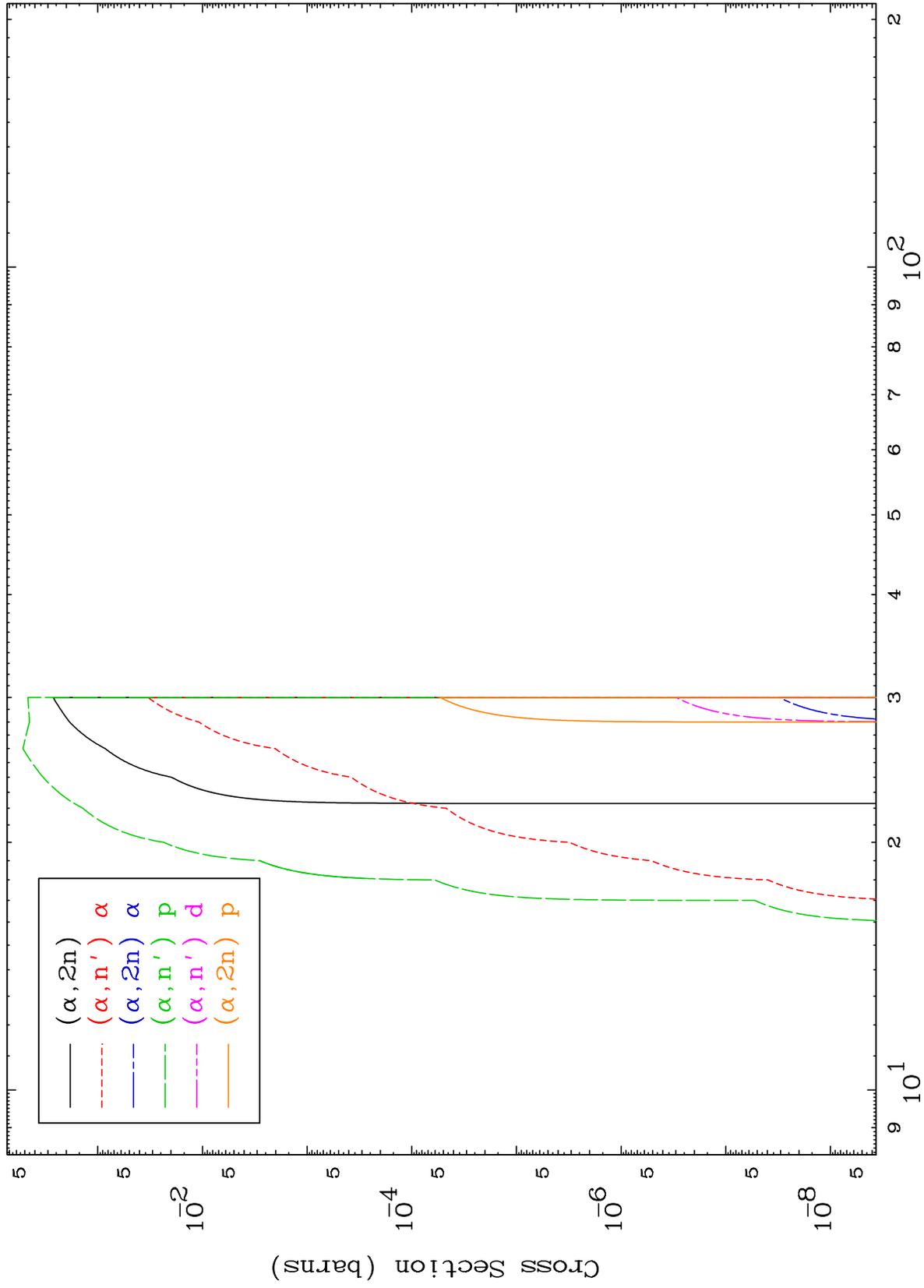
64-Gd-145



MAT 6405

α Neutron Production
0 Kelvin Cross Sections

64-Gd-145



2

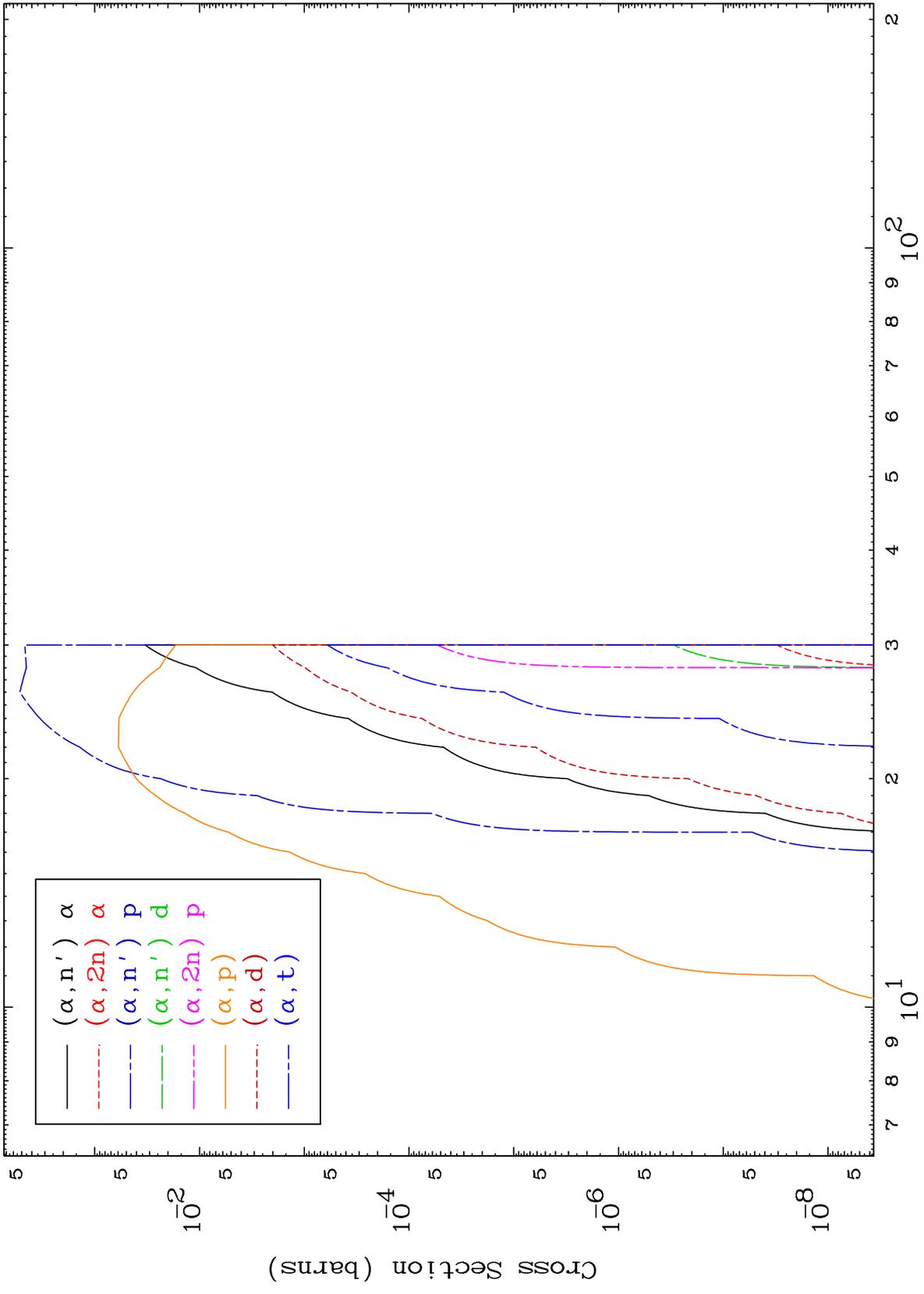
Incident Energy (MeV)

64-Gd-145

MAT 6405

α Charged Particle
0 Kelvin Cross Sections

64-Gd-145



3

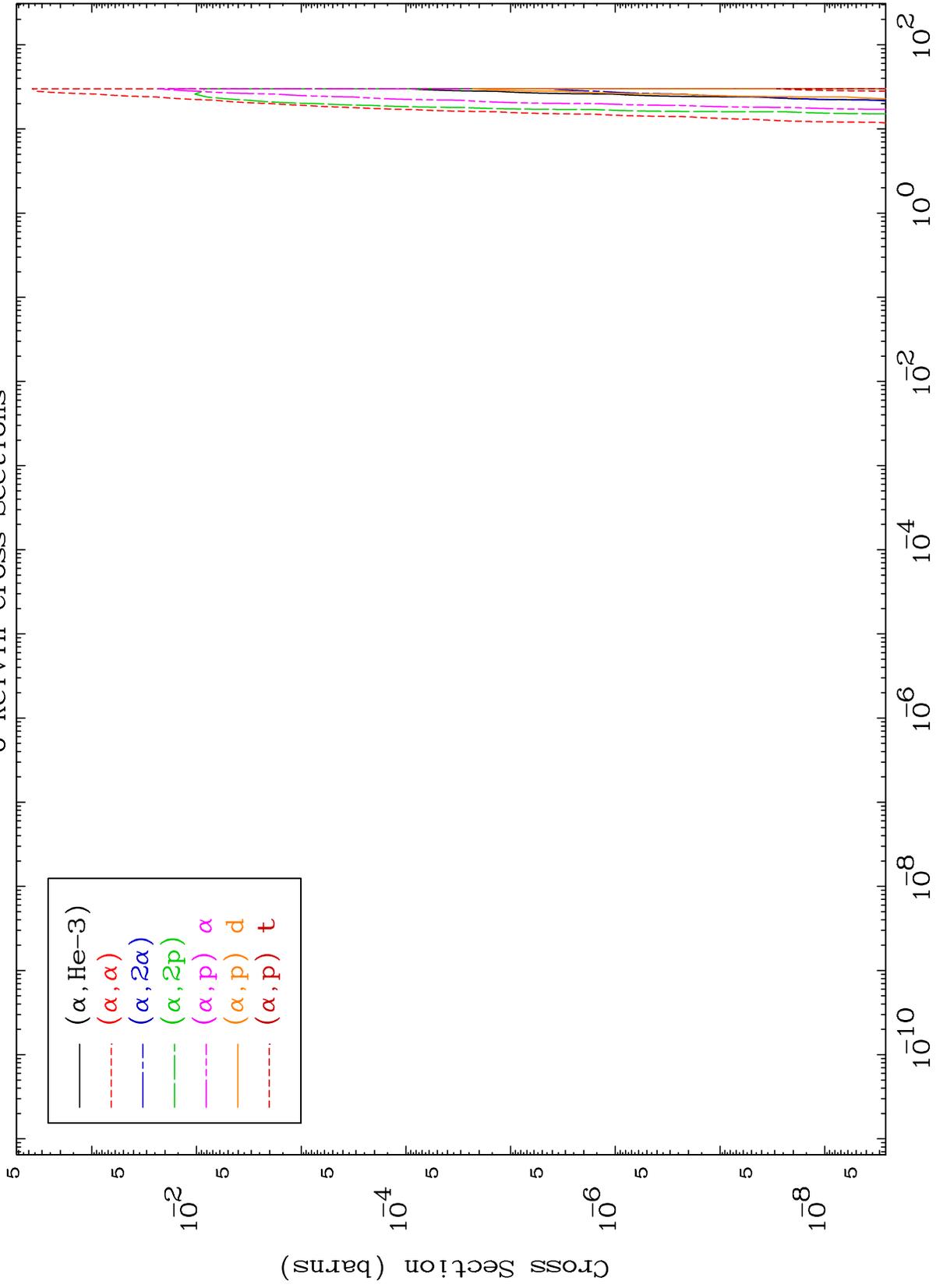
Incident Energy (MeV)

64-Gd-145

MAT 6405

α Charged Particle
0 Kelvin Cross Sections

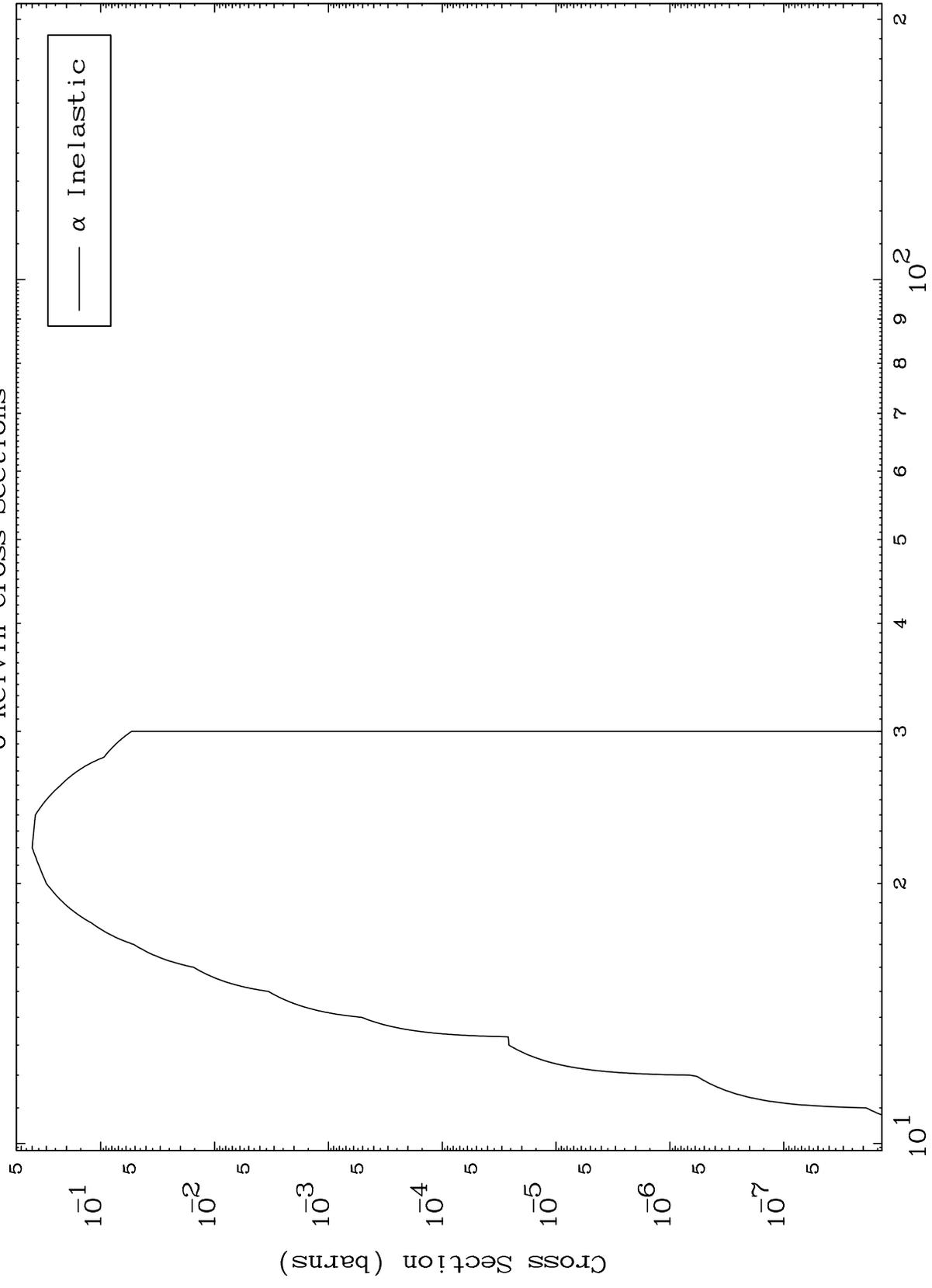
64-Gd-145



MAT 6405

(α, n') Level
0 Kelvin Cross Sections

64-Gd-145



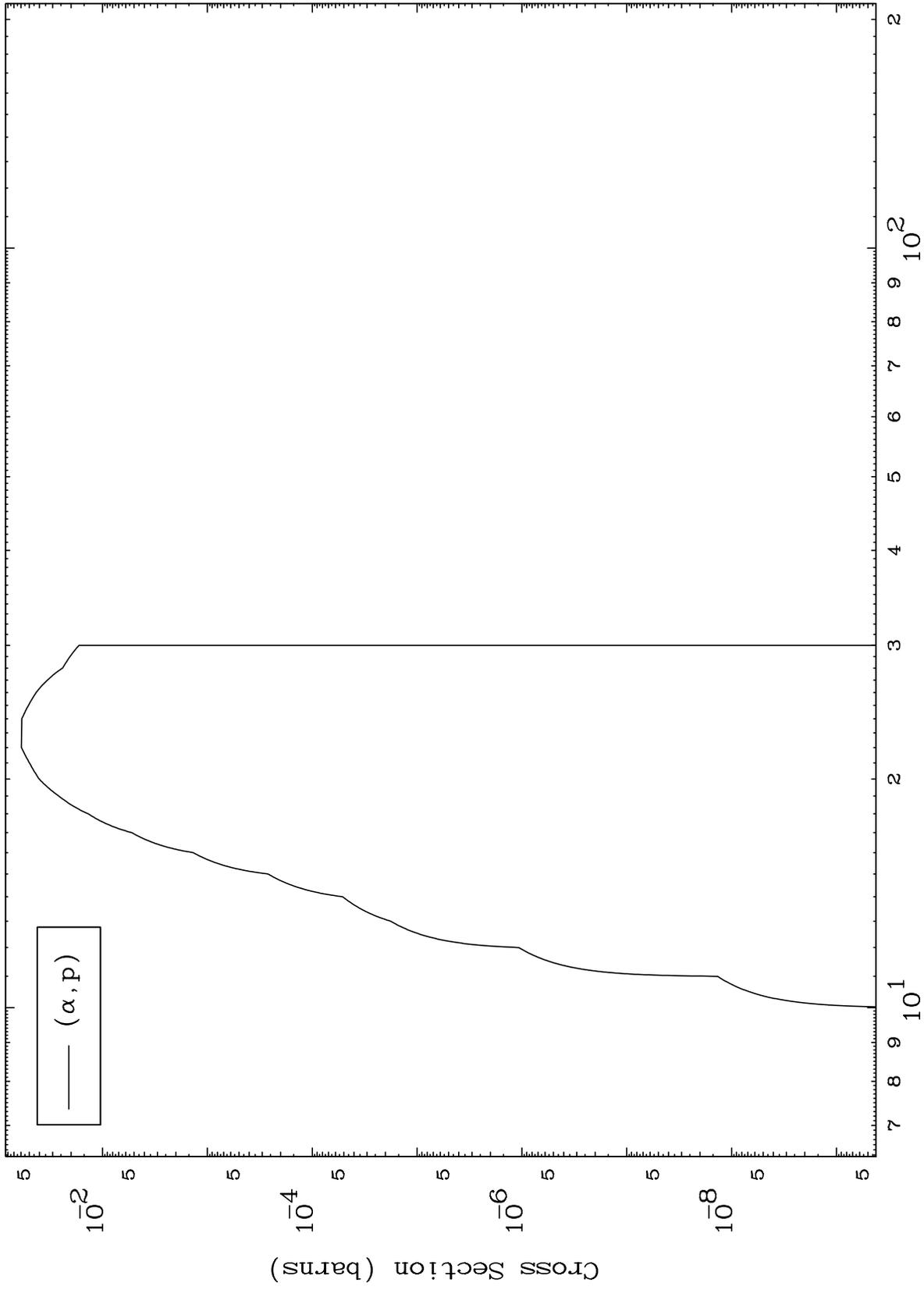
Incident Energy (MeV)

64-Gd-145

MAT 6405

(α, p) Levels
0 Kelvin Cross Sections

64-Gd-145



6

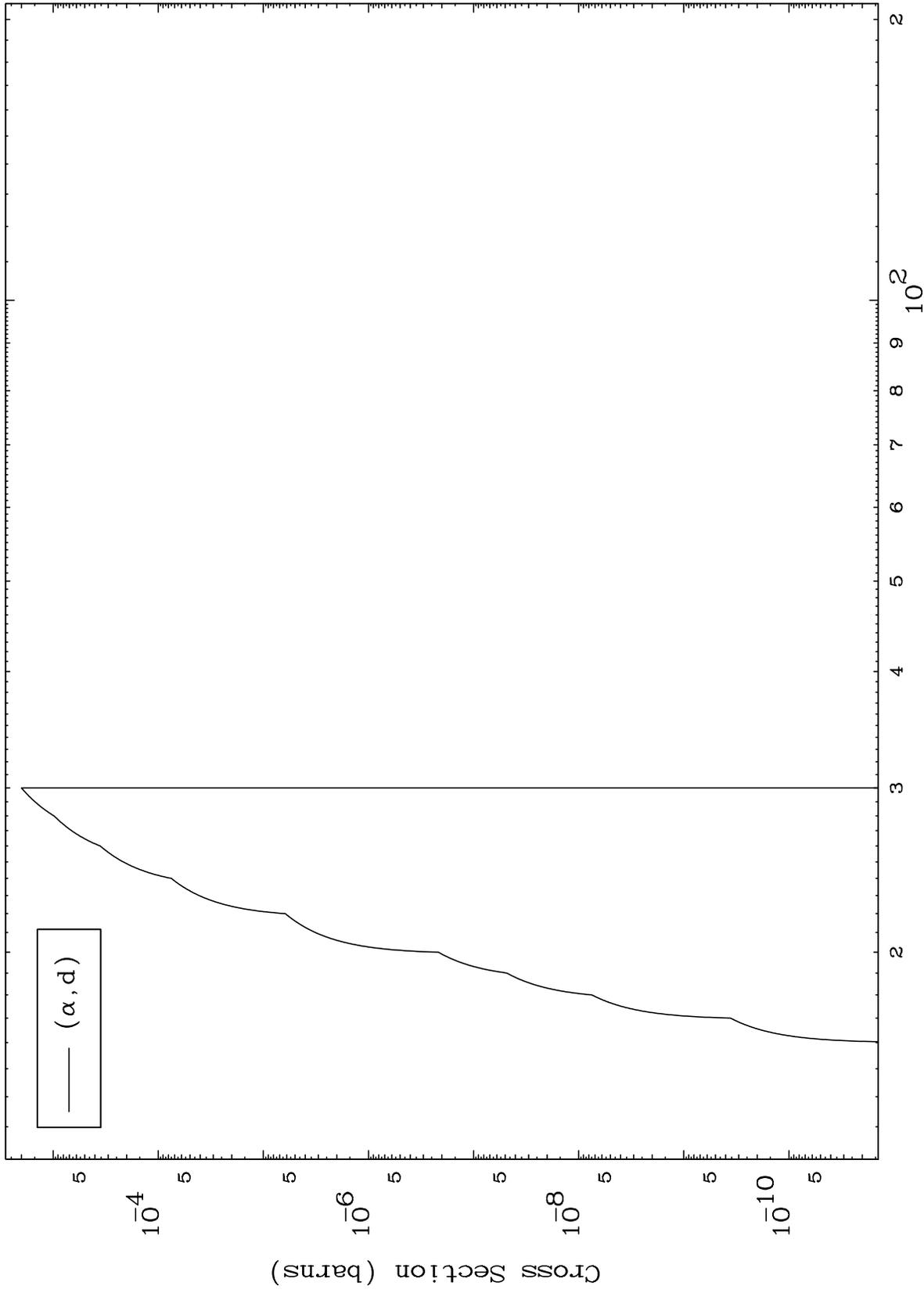
Incident Energy (MeV)

64-Gd-145

MAT 6405

(α, d) Levels
0 Kelvin Cross Sections

64-Gd-145



7

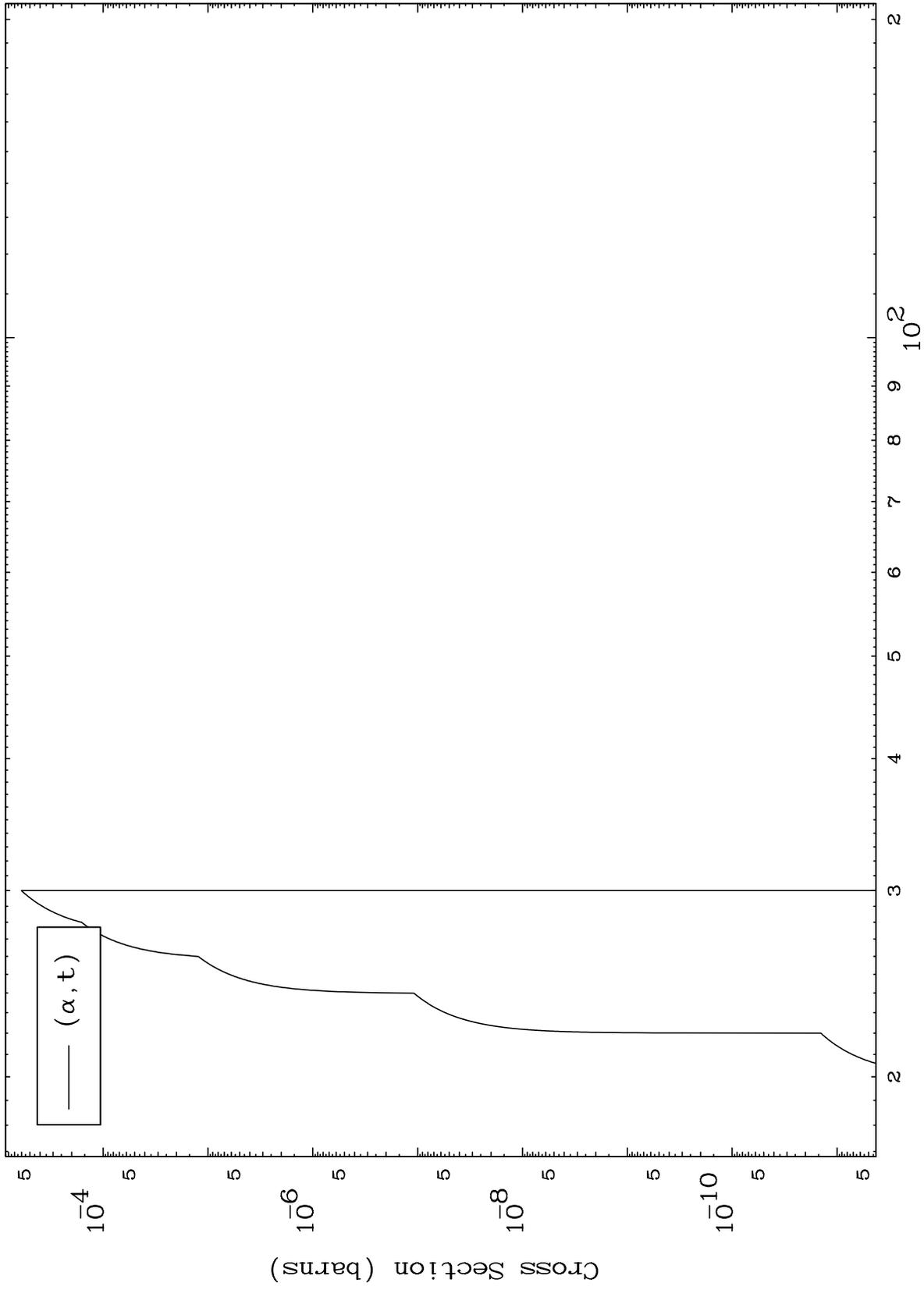
Incident Energy (MeV)

64-Gd-145

MAT 6405

(α, t) Levels
0 Kelvin Cross Sections

64-Gd-145



8

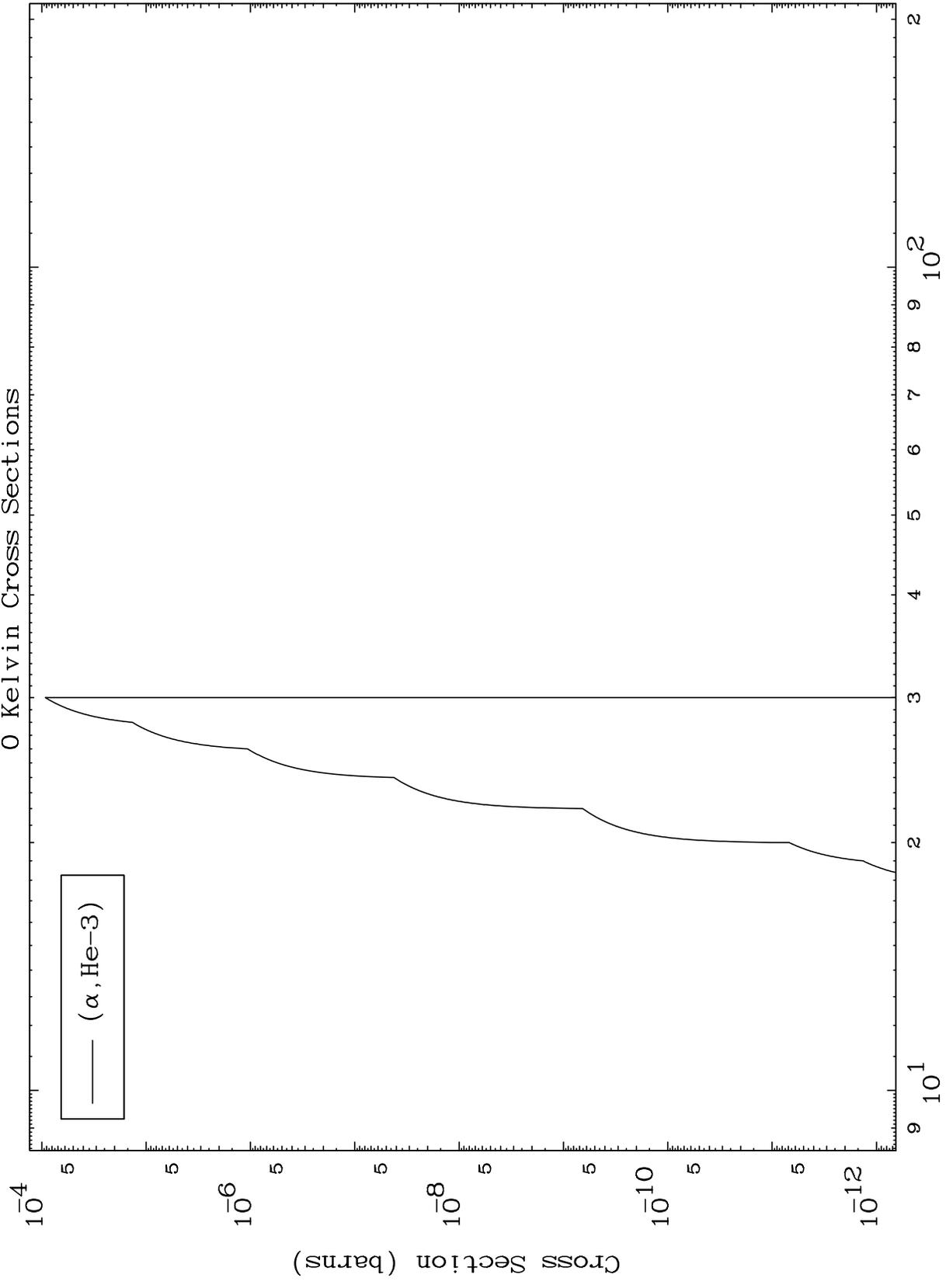
Incident Energy (MeV)

64-Gd-145

MAT 6405

(α , He3) Levels
0 Kelvin Cross Sections

64-Gd-145



9

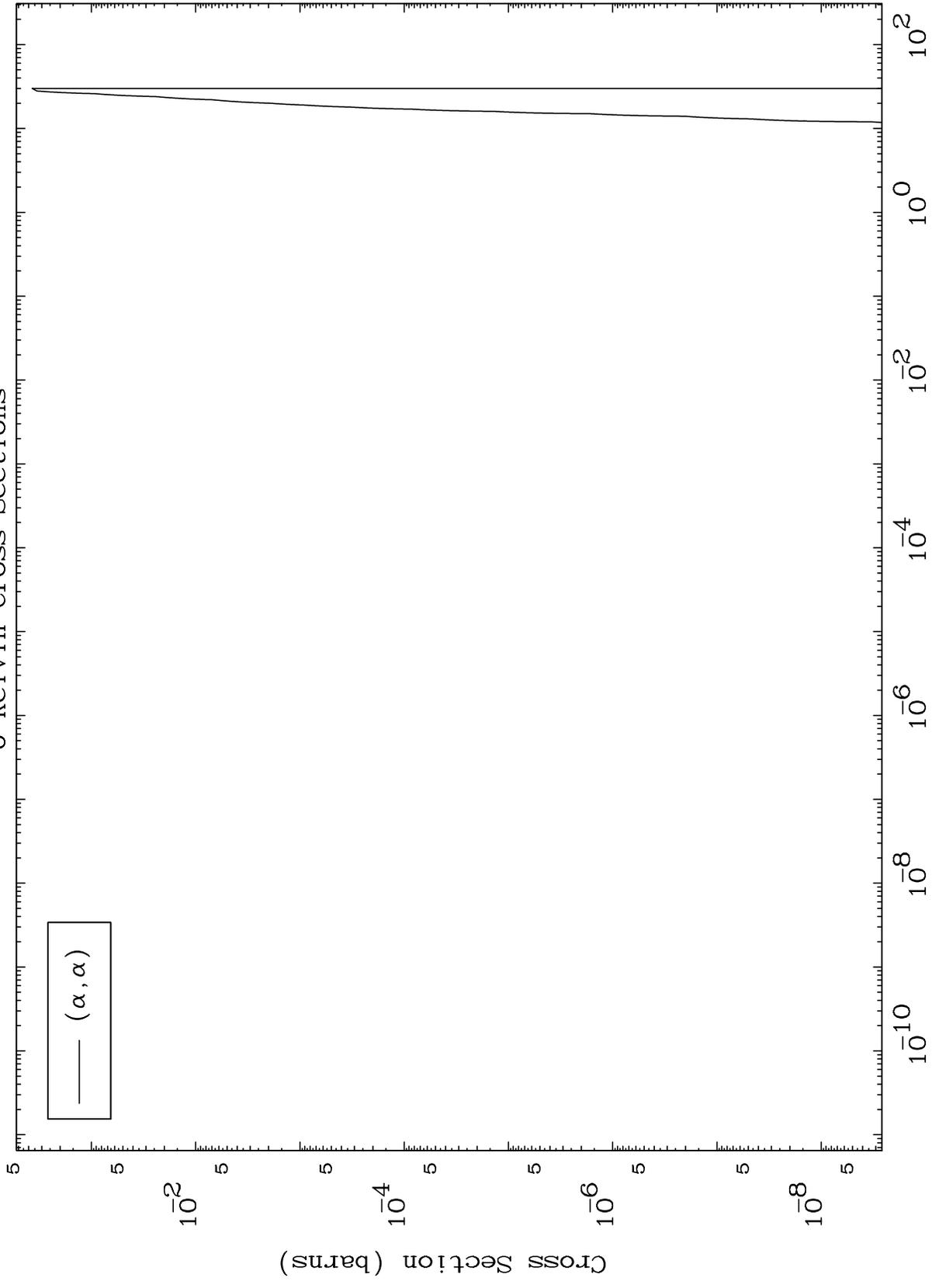
Incident Energy (MeV)

64-Gd-145

MAT 6405

(α, α) Levels
0 Kelvin Cross Sections

64-Gd-145



10

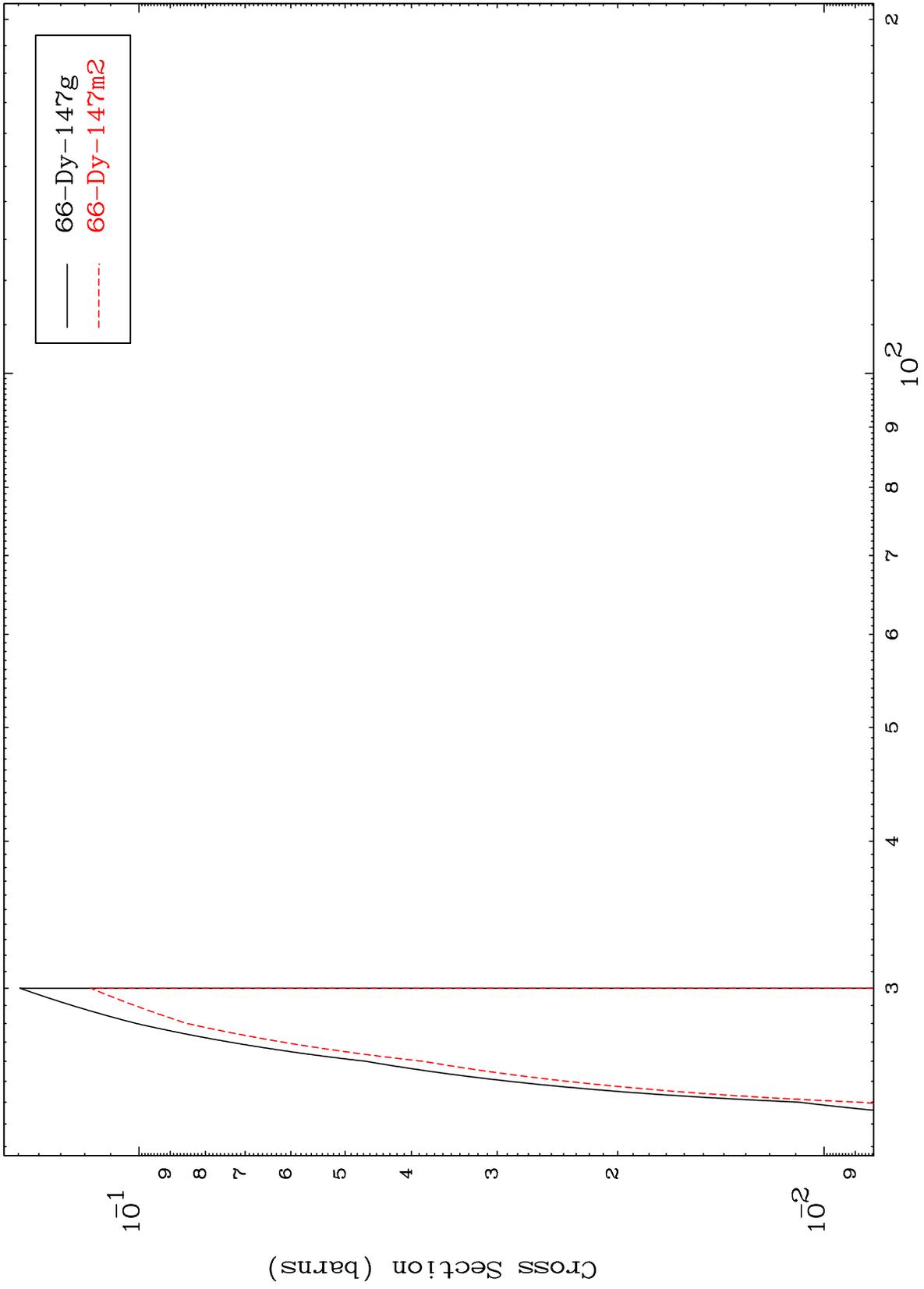
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

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



11

Incident Energy (MeV)

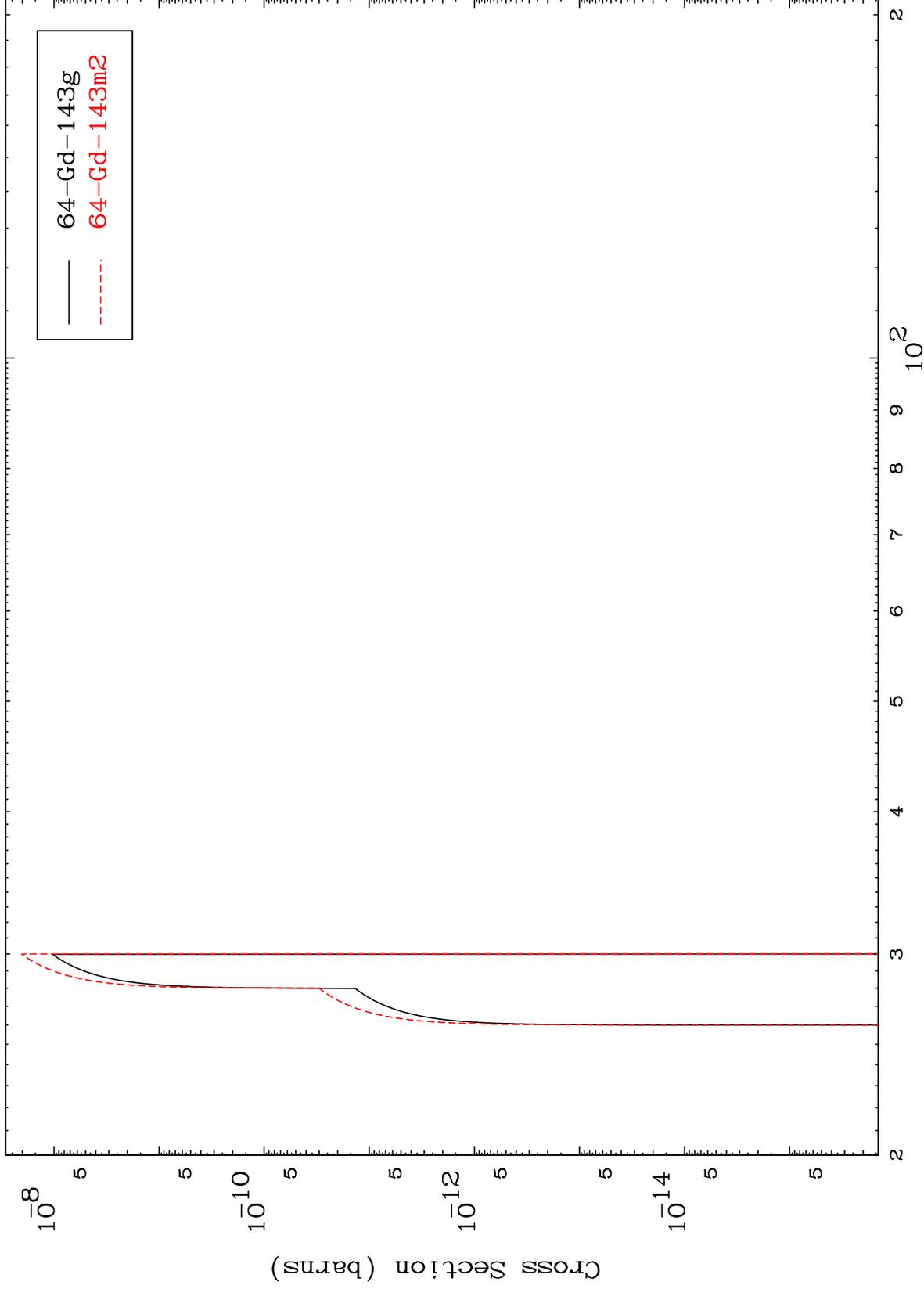
64-Gd-145

MAT 6405

$(\alpha, 2n) \alpha$

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

Radionuclide Production Cross Section



12

Incident Energy (MeV)

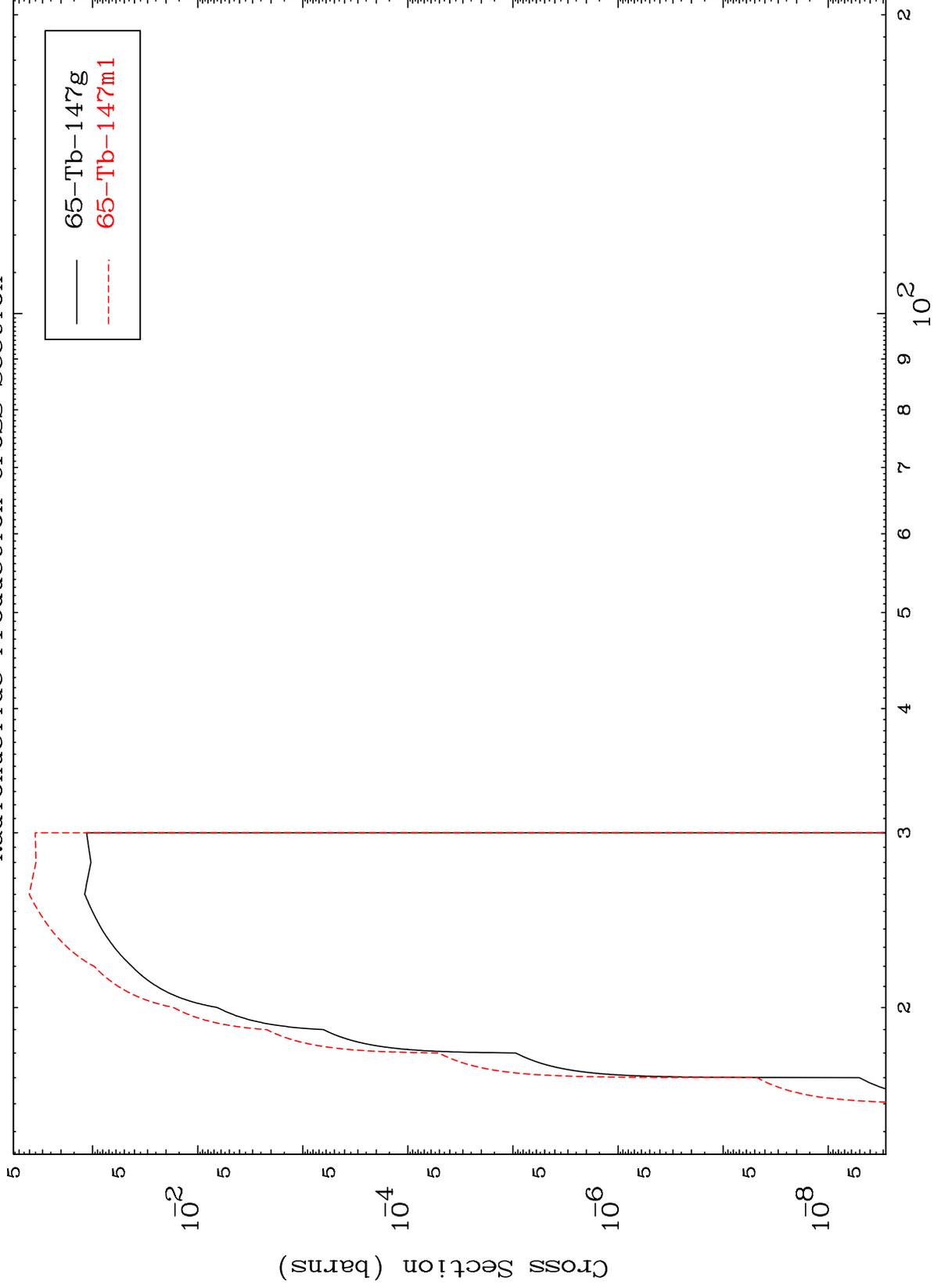
$^{64}\text{Gd}-145$

MAT 6405

(α, n') p

64-Gd-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

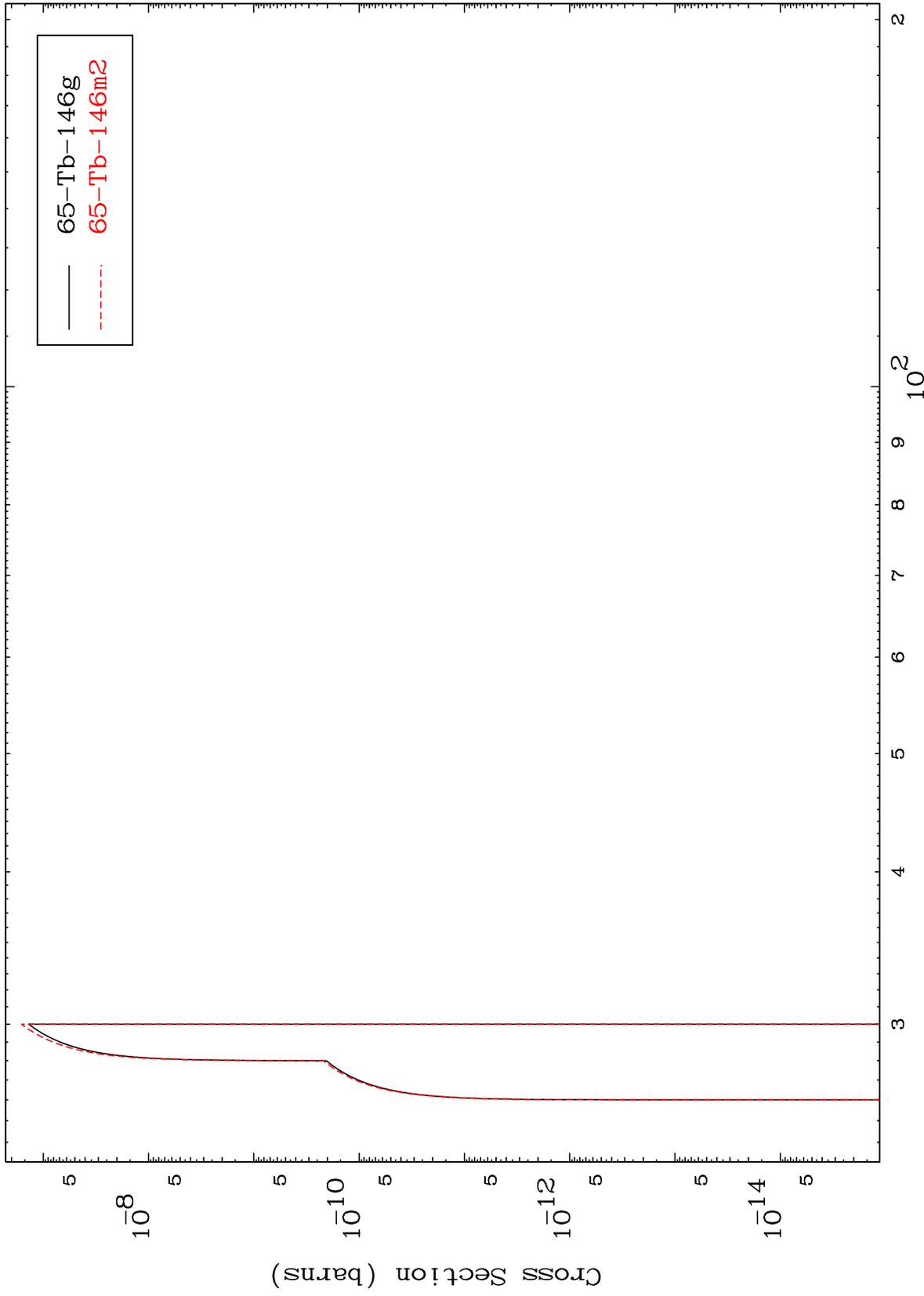
64-Gd-145

MAT 6405

(α, n') d

64-Gd-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

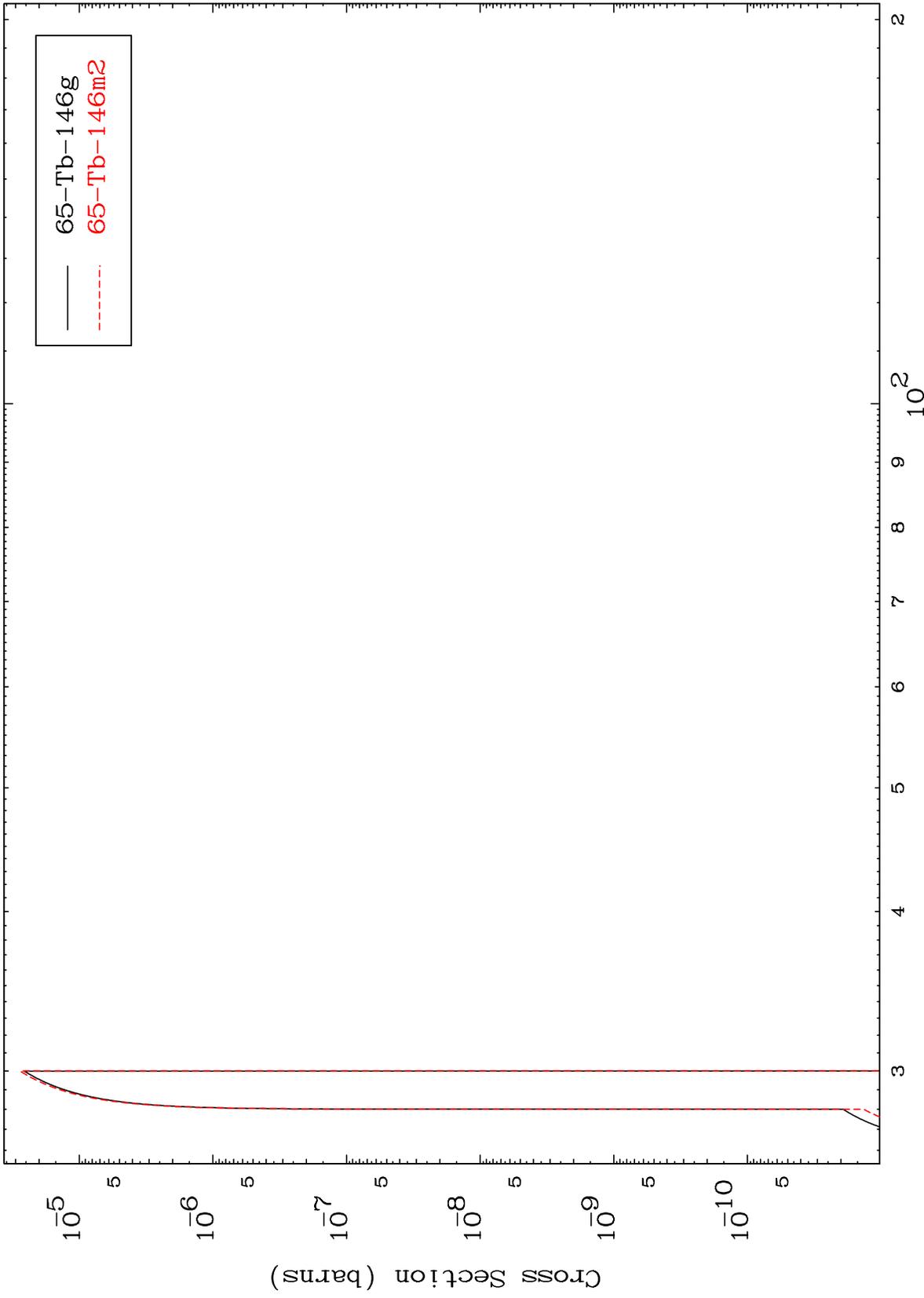
64-Gd-145

MAT 6405

$(\alpha, 2n)$ p

64-Gd-145

Radionuclide Production Cross Section



15

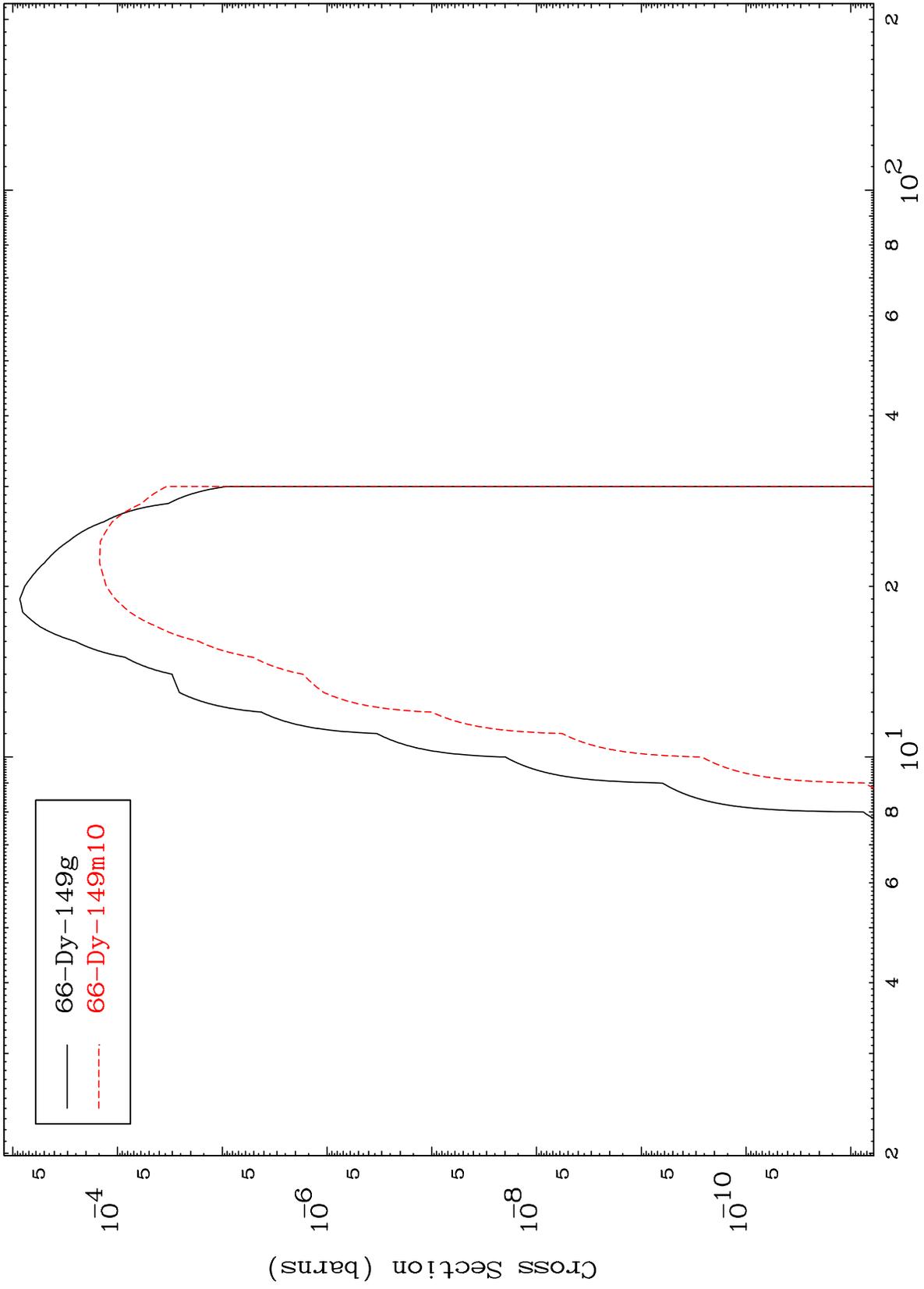
Incident Energy (MeV)

64-Gd-145

MAT 6405

Radionuclide Production Cross Section
(α, γ)

64-Gd-145



66-Dy-149g
66-Dy-149m10

16

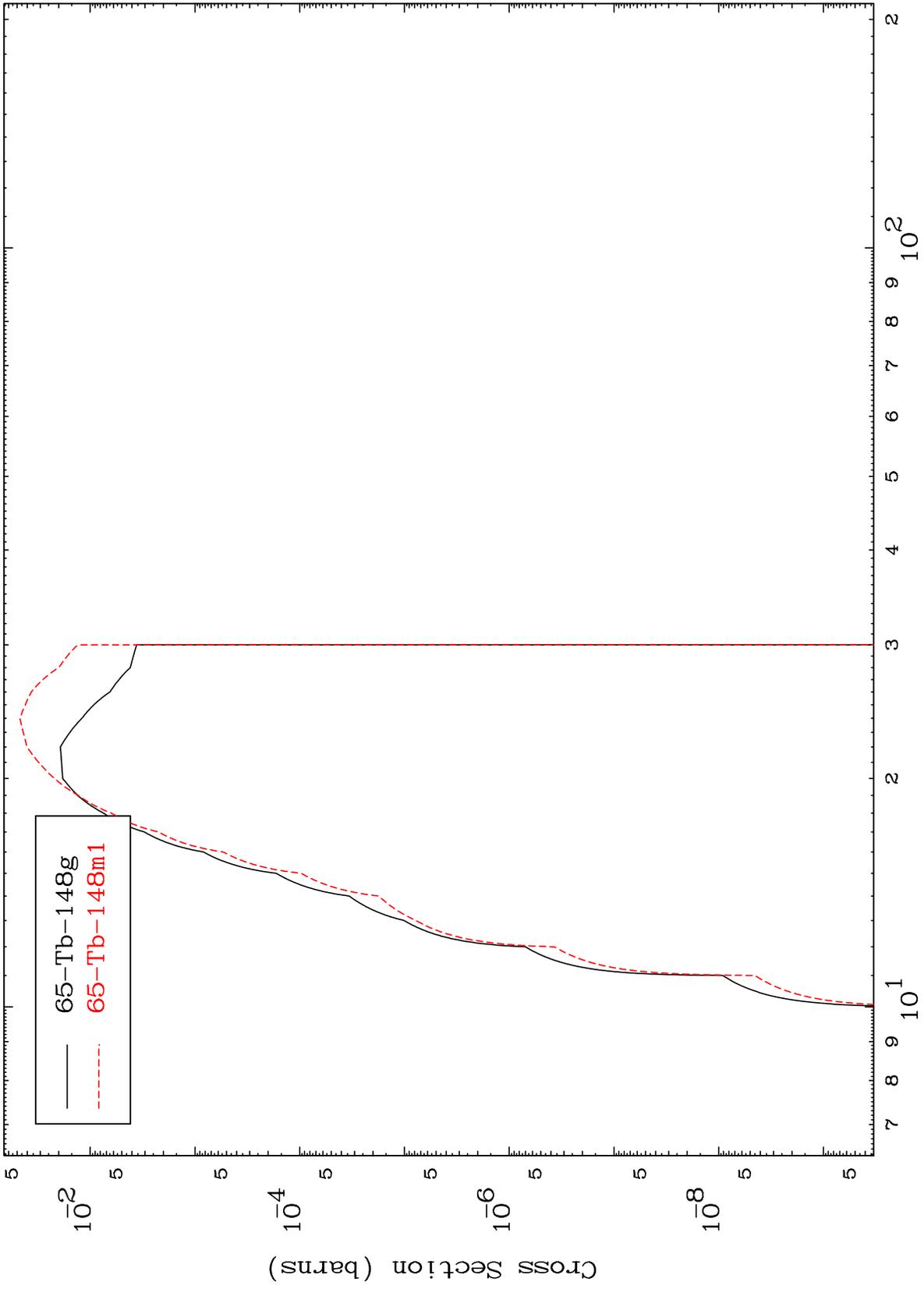
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(α, p)
Radionuclide Production Cross Section



17

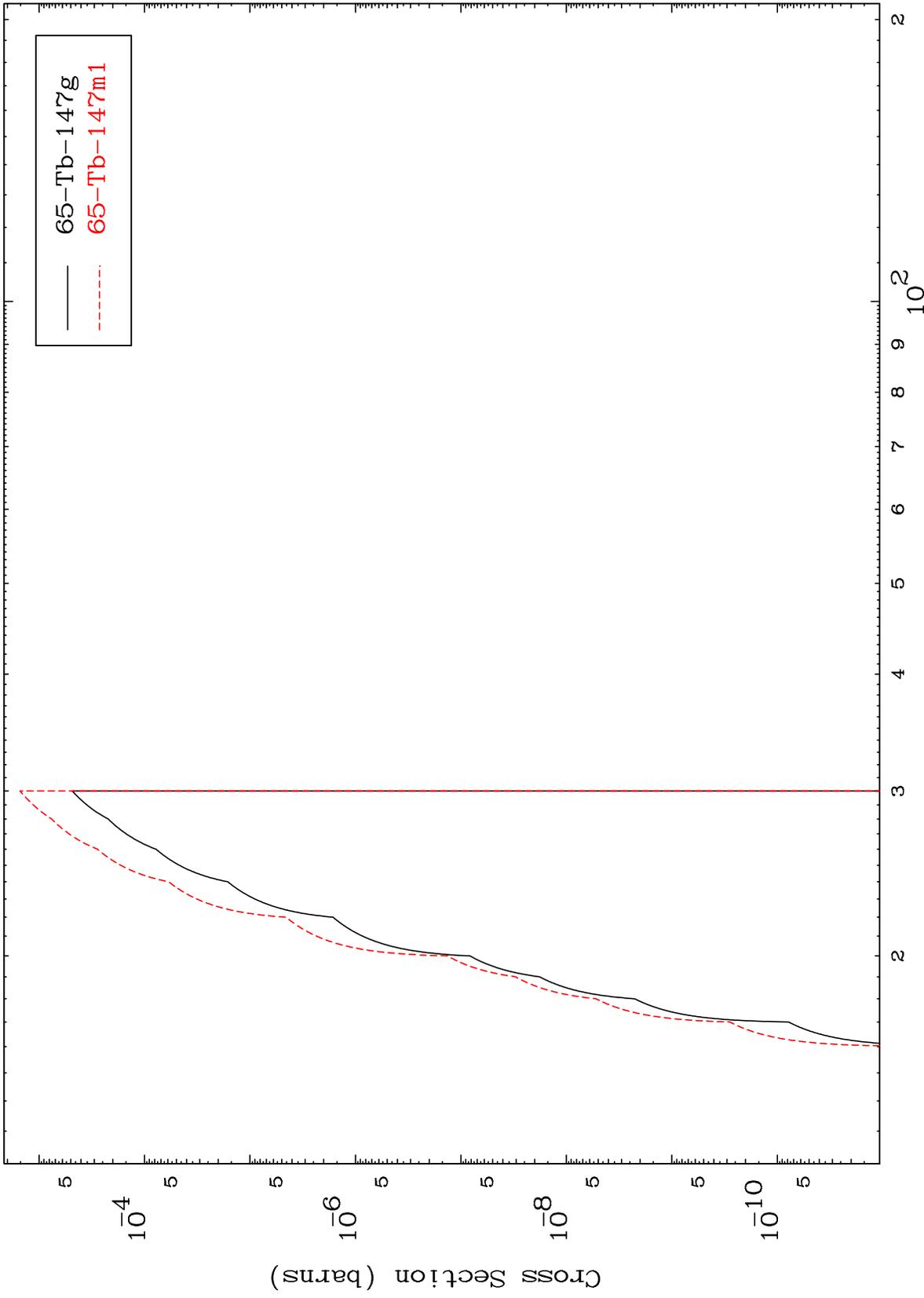
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(α, d)
Radionuclide Production Cross Section



18

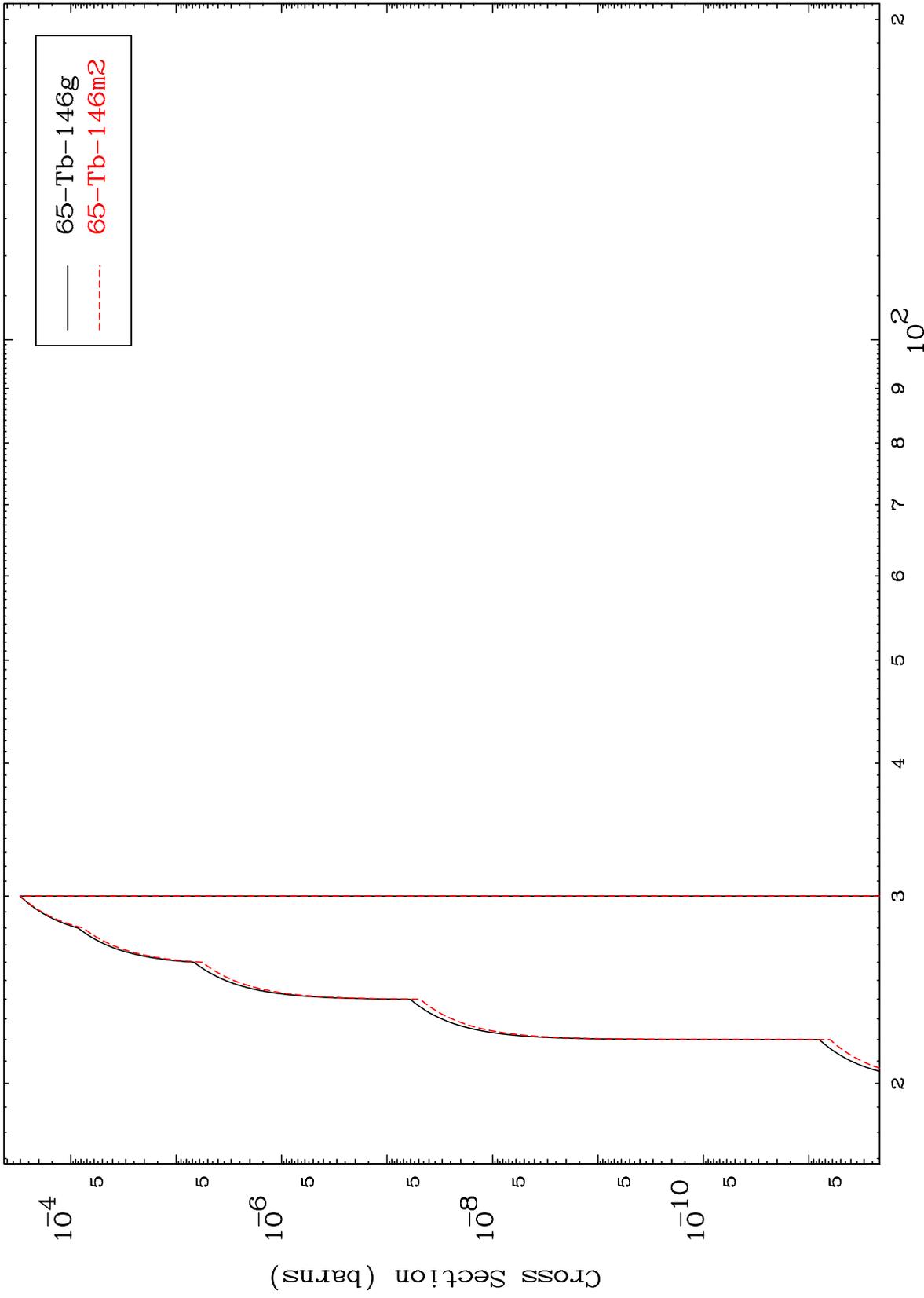
Incident Energy (MeV)

64-Gd-145

MAT 6405

64-Gd-145

(α, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

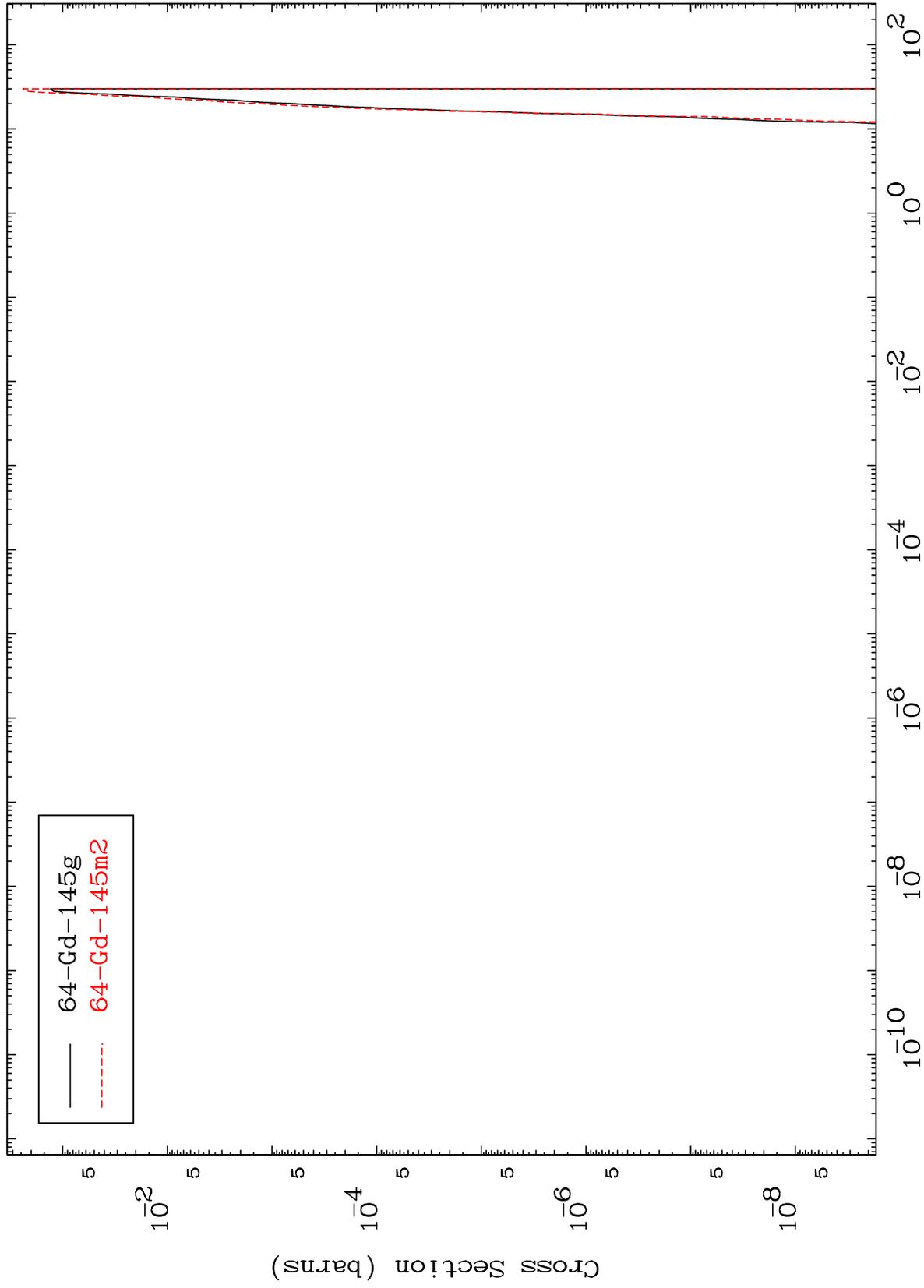
64-Gd-145

MAT 6405

(α, α)

64-Gd-145

Radionuclide Production Cross Section



20

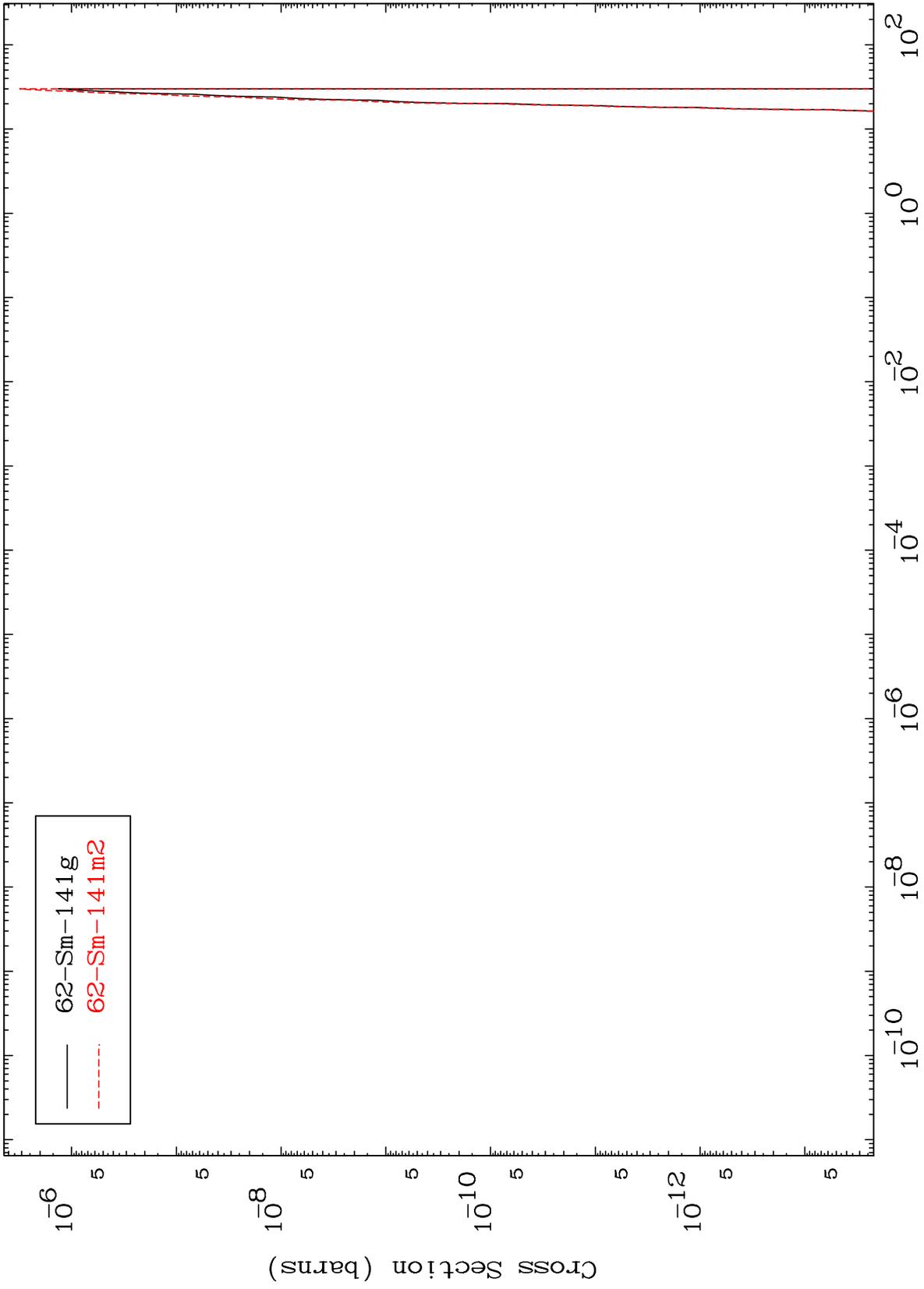
Incident Energy (MeV)

64-Gd-145

MAT 6405

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

64-Gd-145

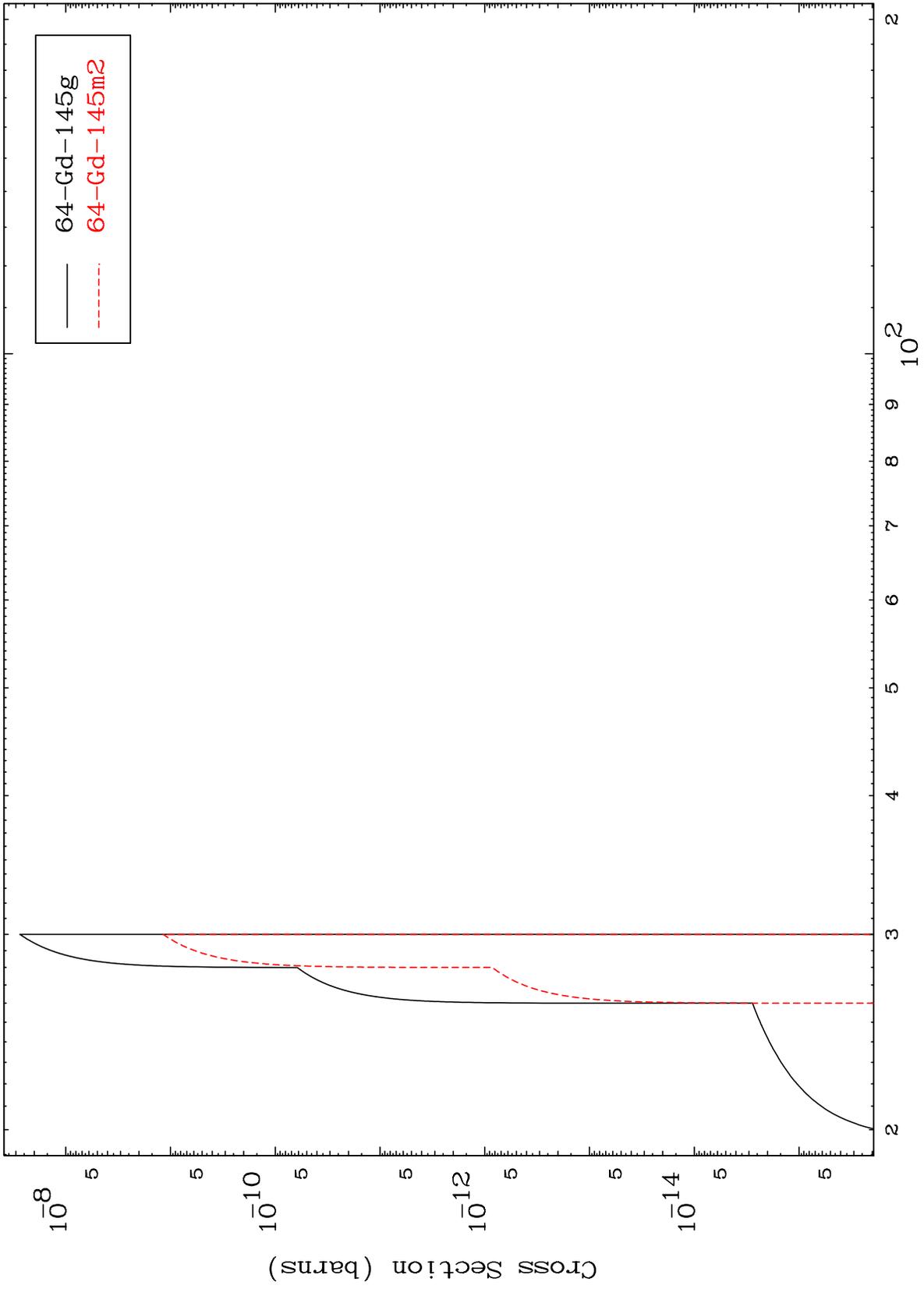


MAT 6405

(α, p) t

64-Gd-145

Radionuclide Production Cross Section



22

Incident Energy (MeV)

64-Gd-145