

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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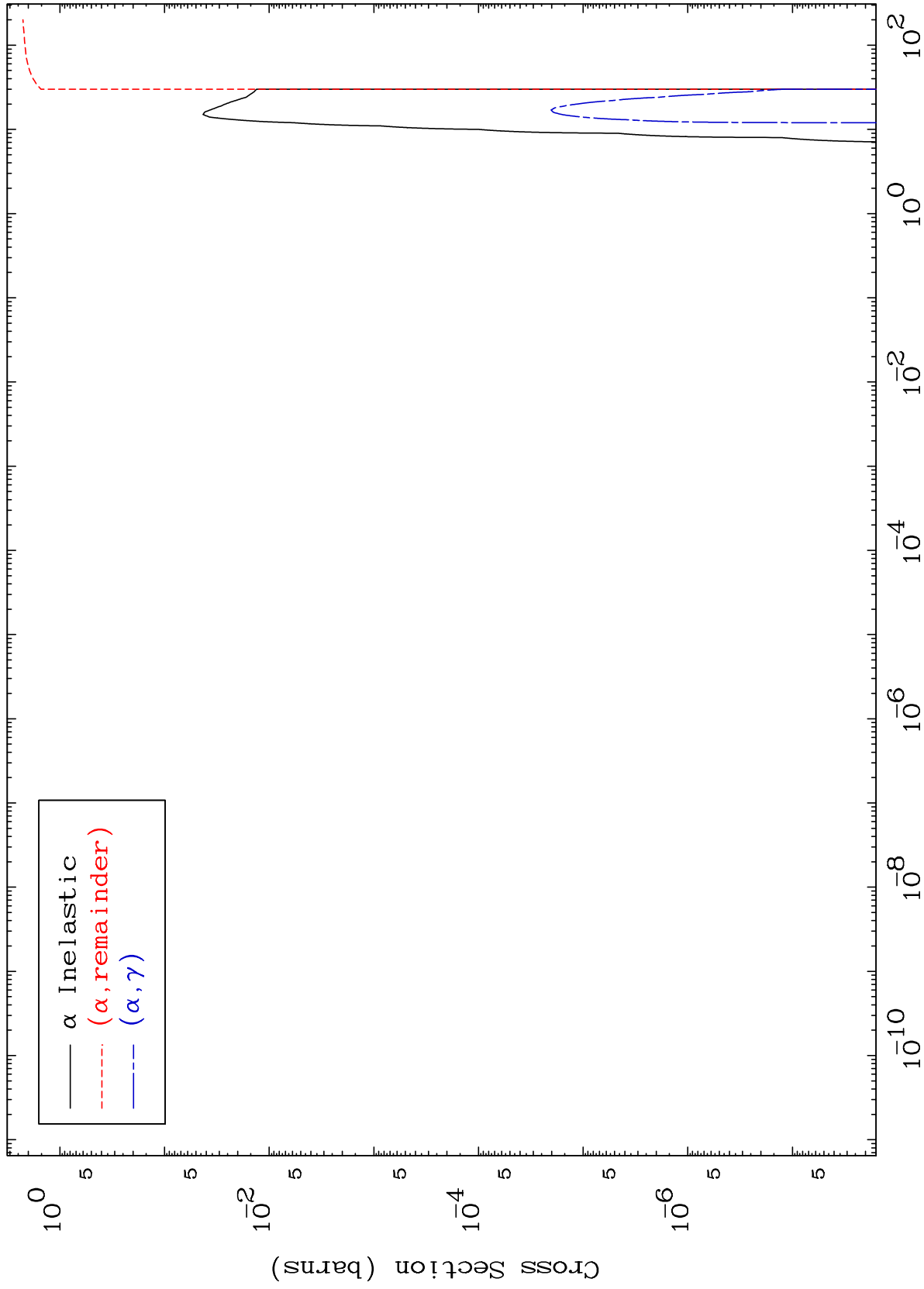
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5064

0 Kelvin α Major

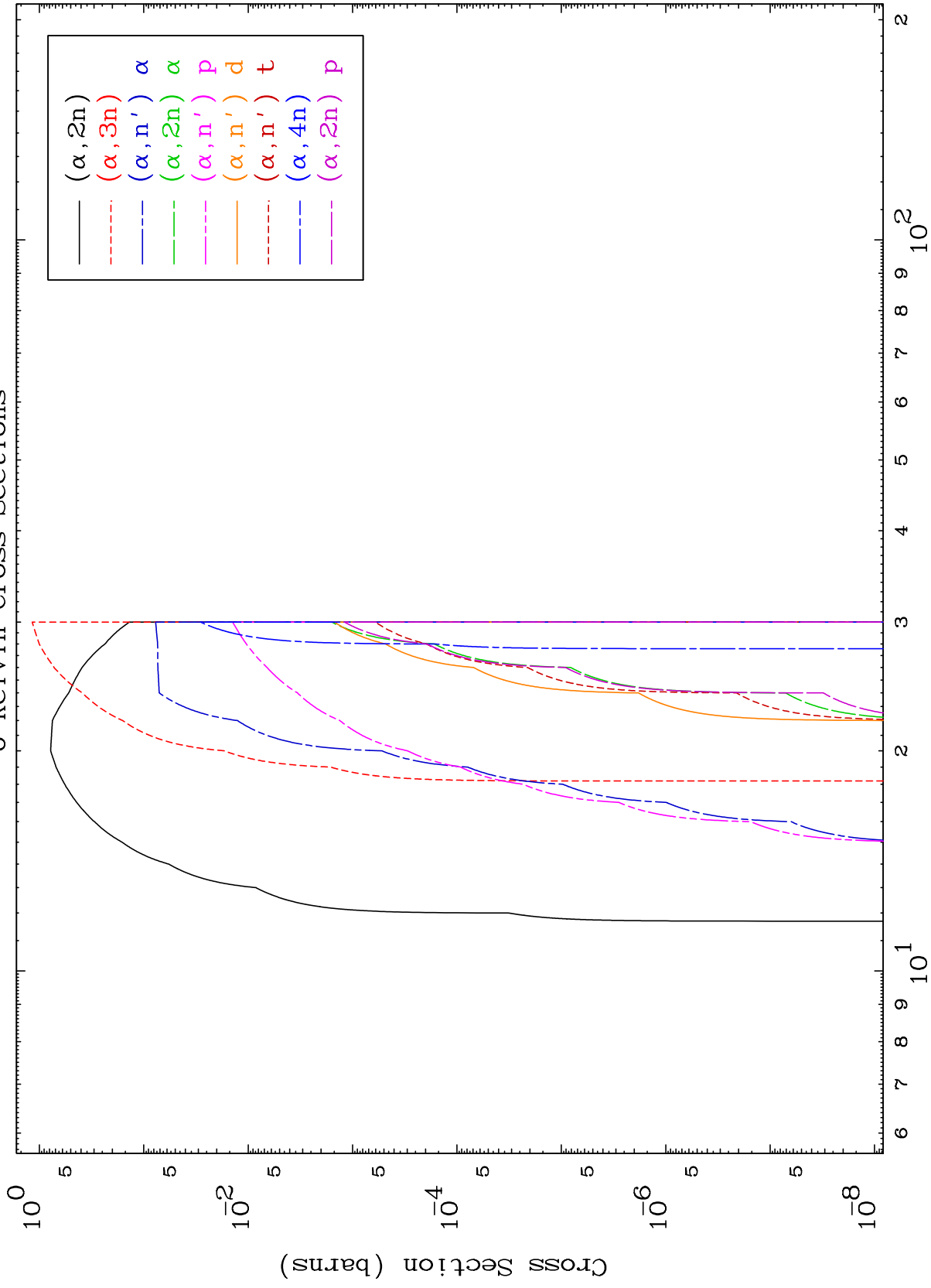
50-Sn-125



MAT 5064

α Neutron Production
0 Kelvin Cross Sections

50-Sn-125



2

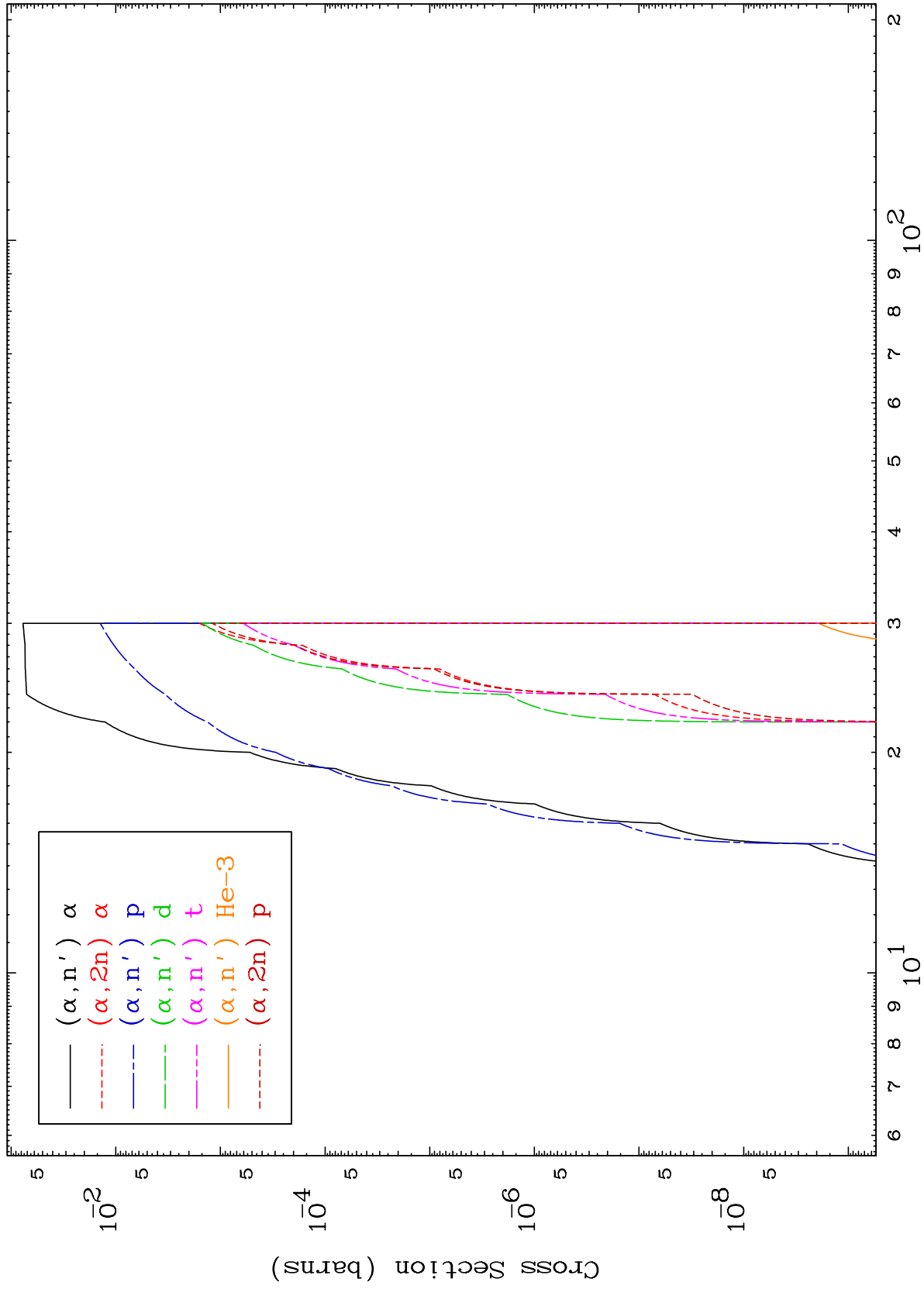
Incident Energy (MeV)

50-Sn-125

MAT 5064

α Charged Particle
0 Kelvin Cross Sections

50-Sn-125



3

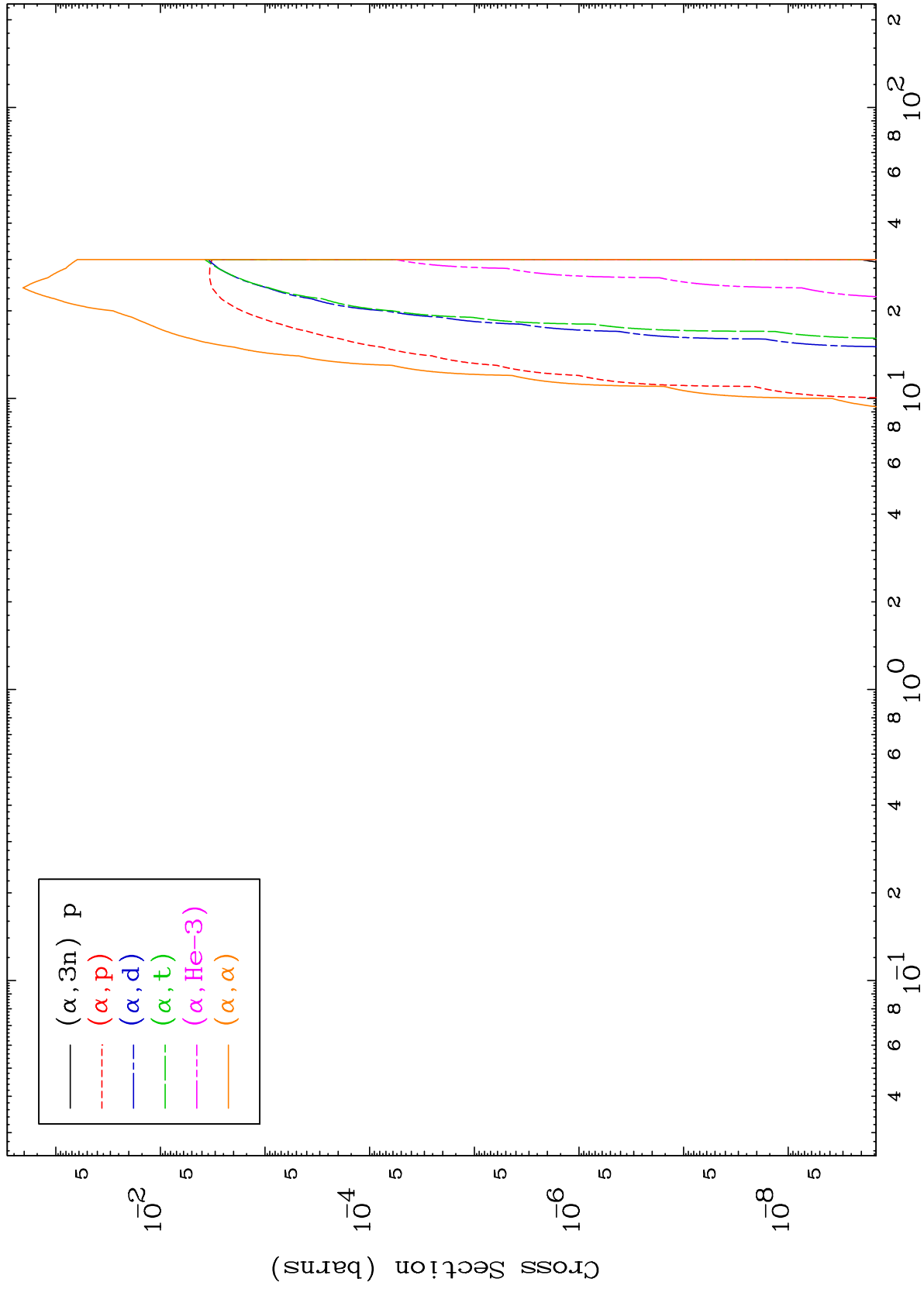
Incident Energy (MeV)

50-Sn-125

MAT 5064

α Charged Particle
0 Kelvin Cross Sections

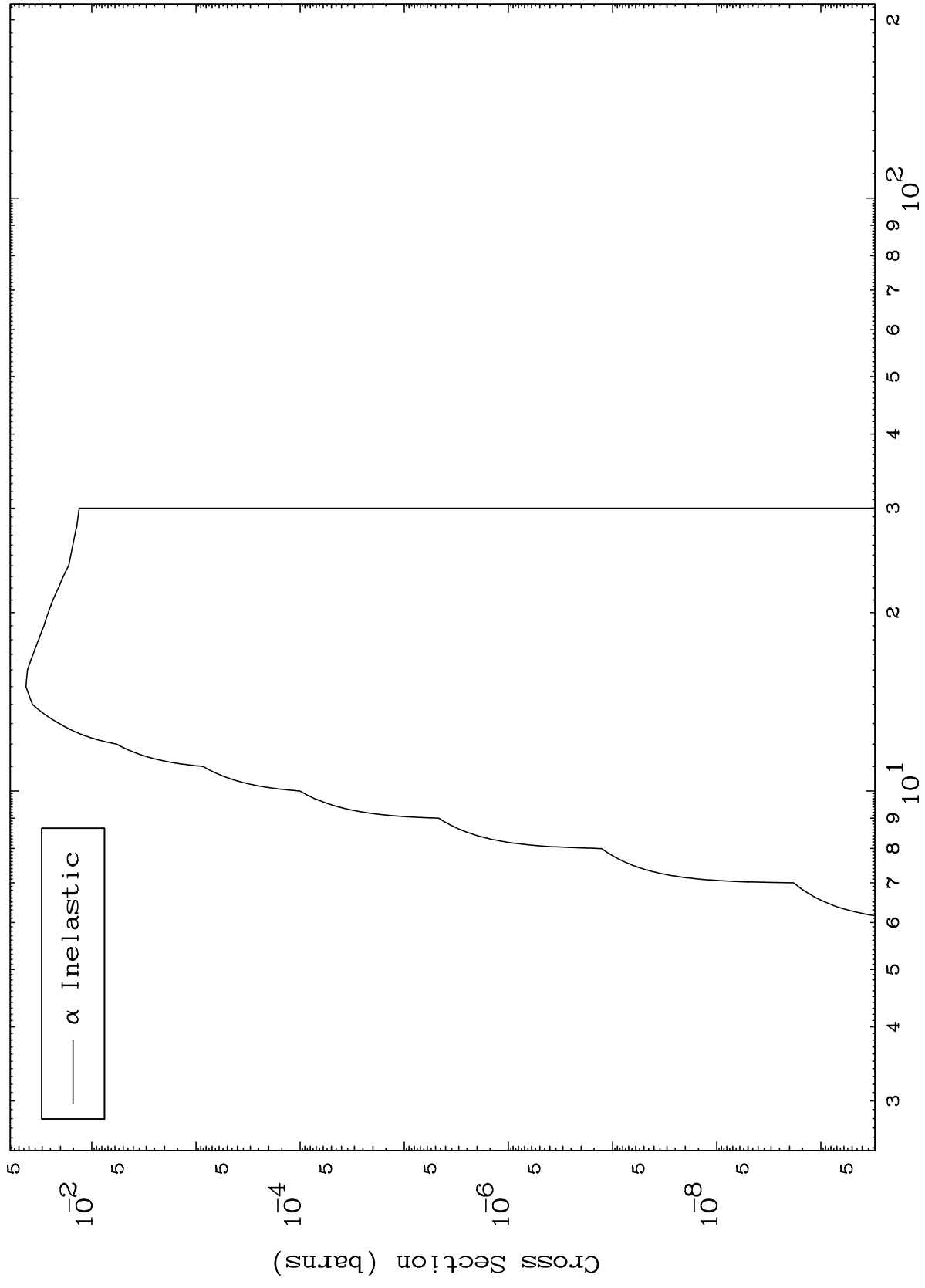
50-Sn-125



MAT 5064

(α, n') Level
0 Kelvin Cross Sections

50-Sn-125



5

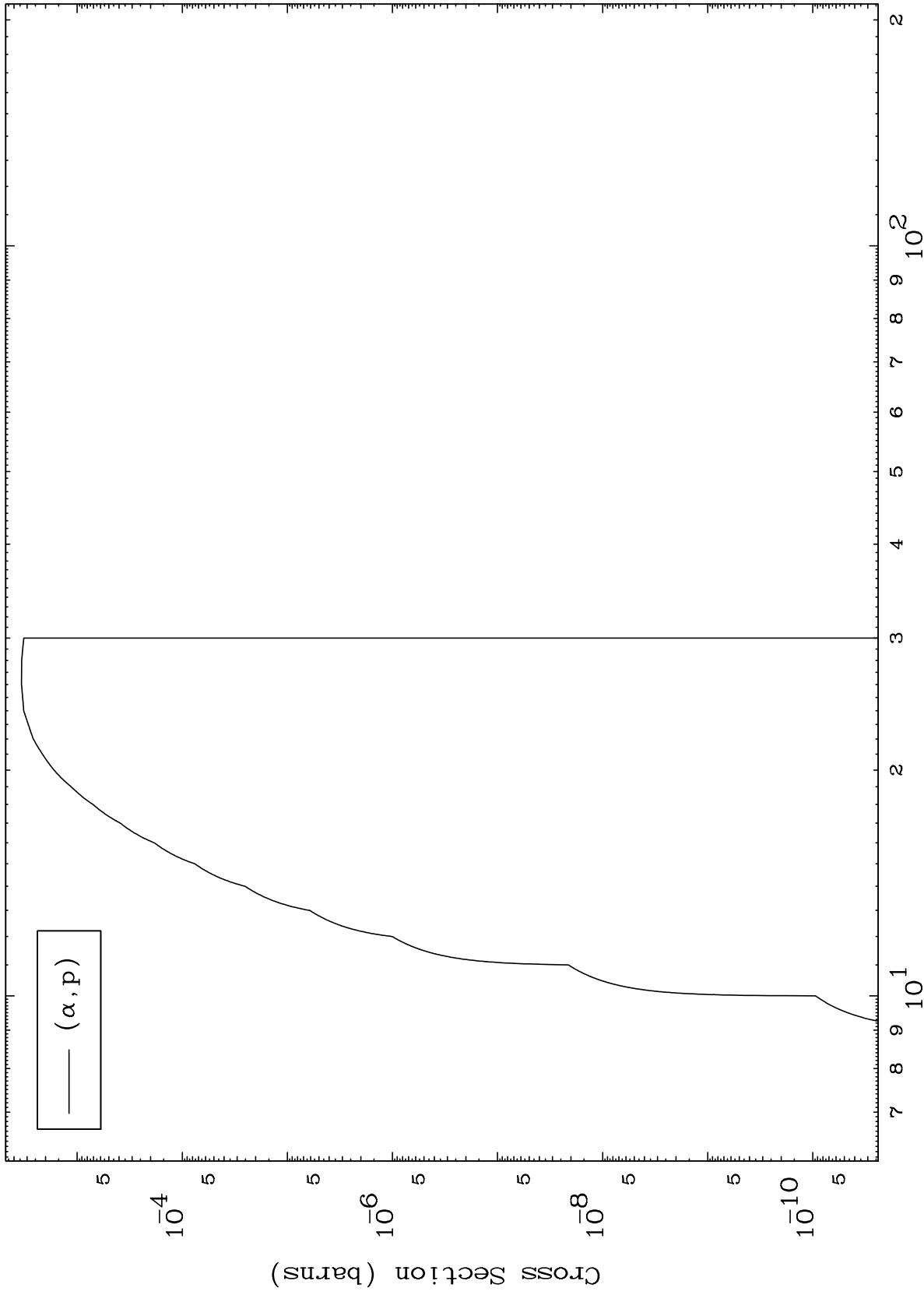
Incident Energy (MeV)

50-Sn-125

MAT 5064

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-125



6

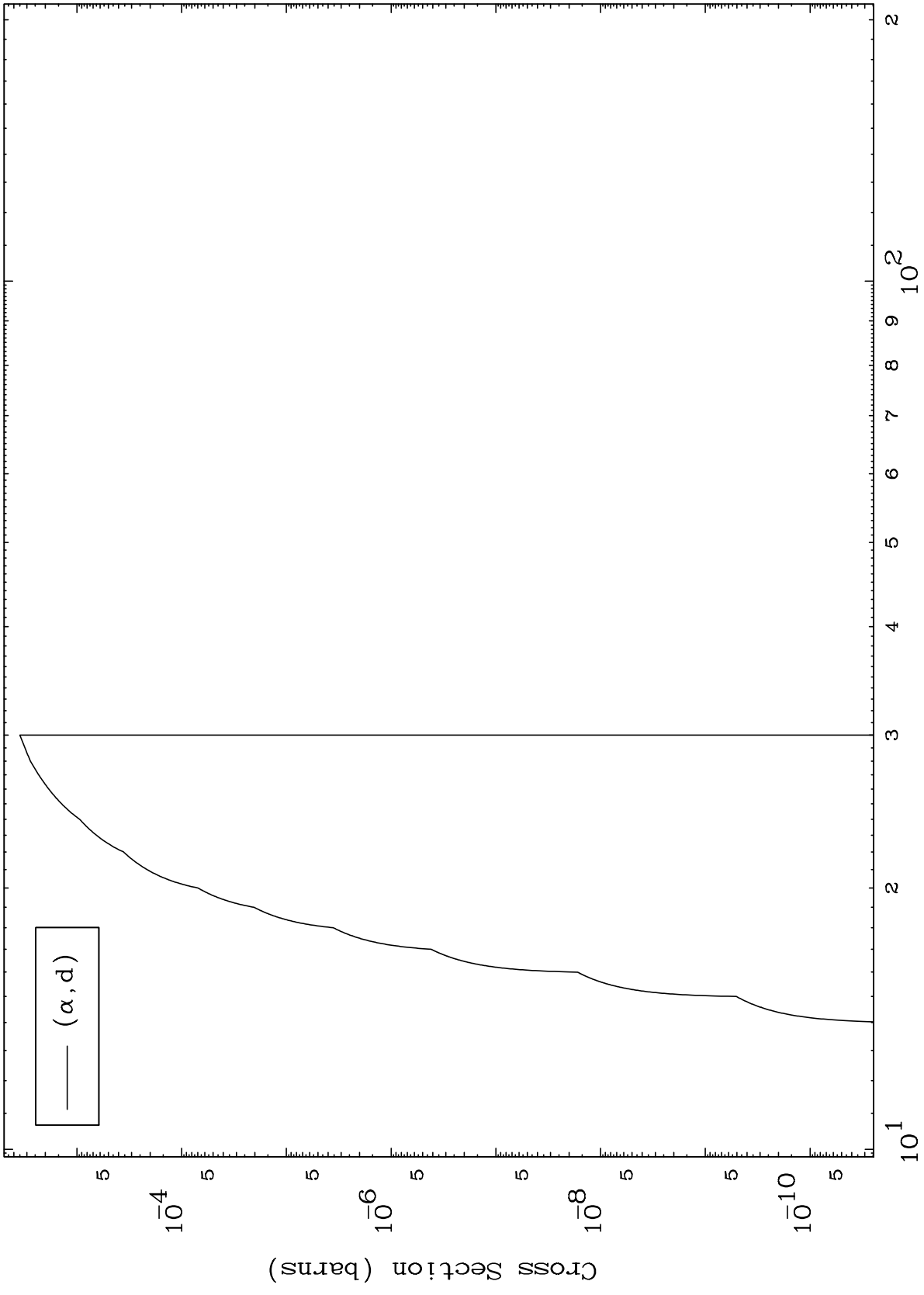
Incident Energy (MeV)

50-Sn-125

MAT 5064

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-125



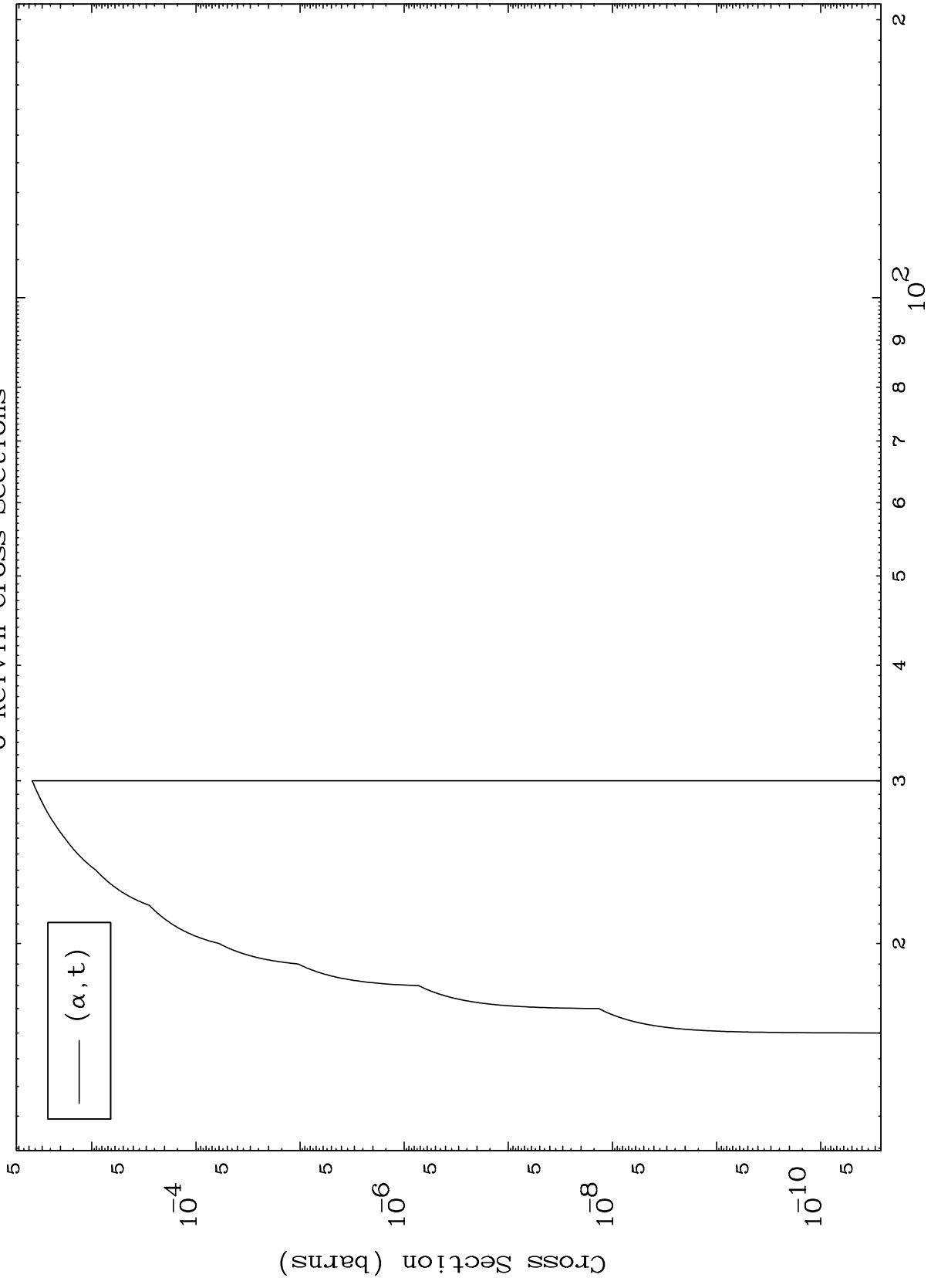
Incident Energy (MeV)

50-Sn-125

MAT 5064

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-125



8

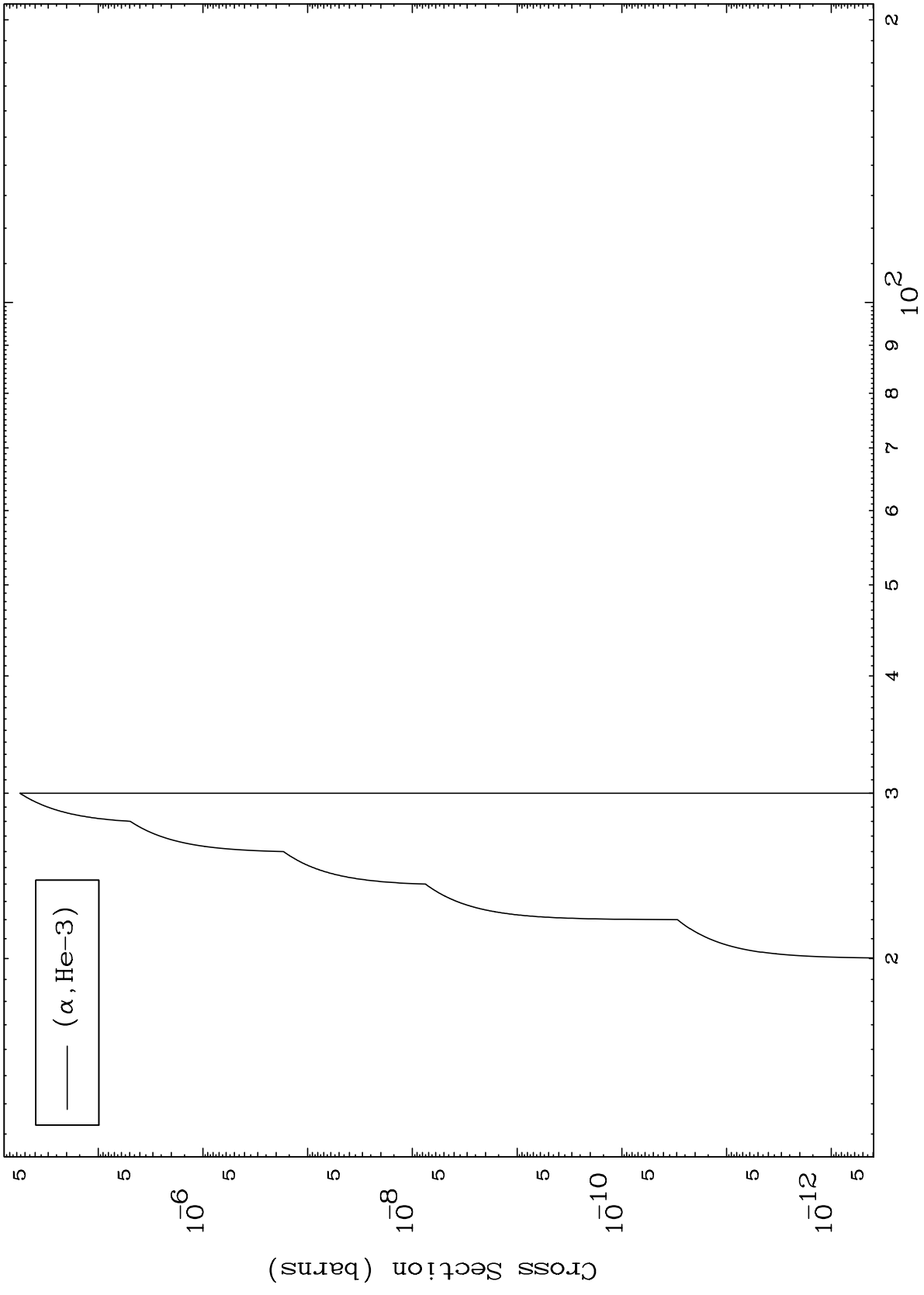
Incident Energy (MeV)

50-Sn-125

MAT 5064

(α , He3) Levels
0 Kelvin Cross Sections

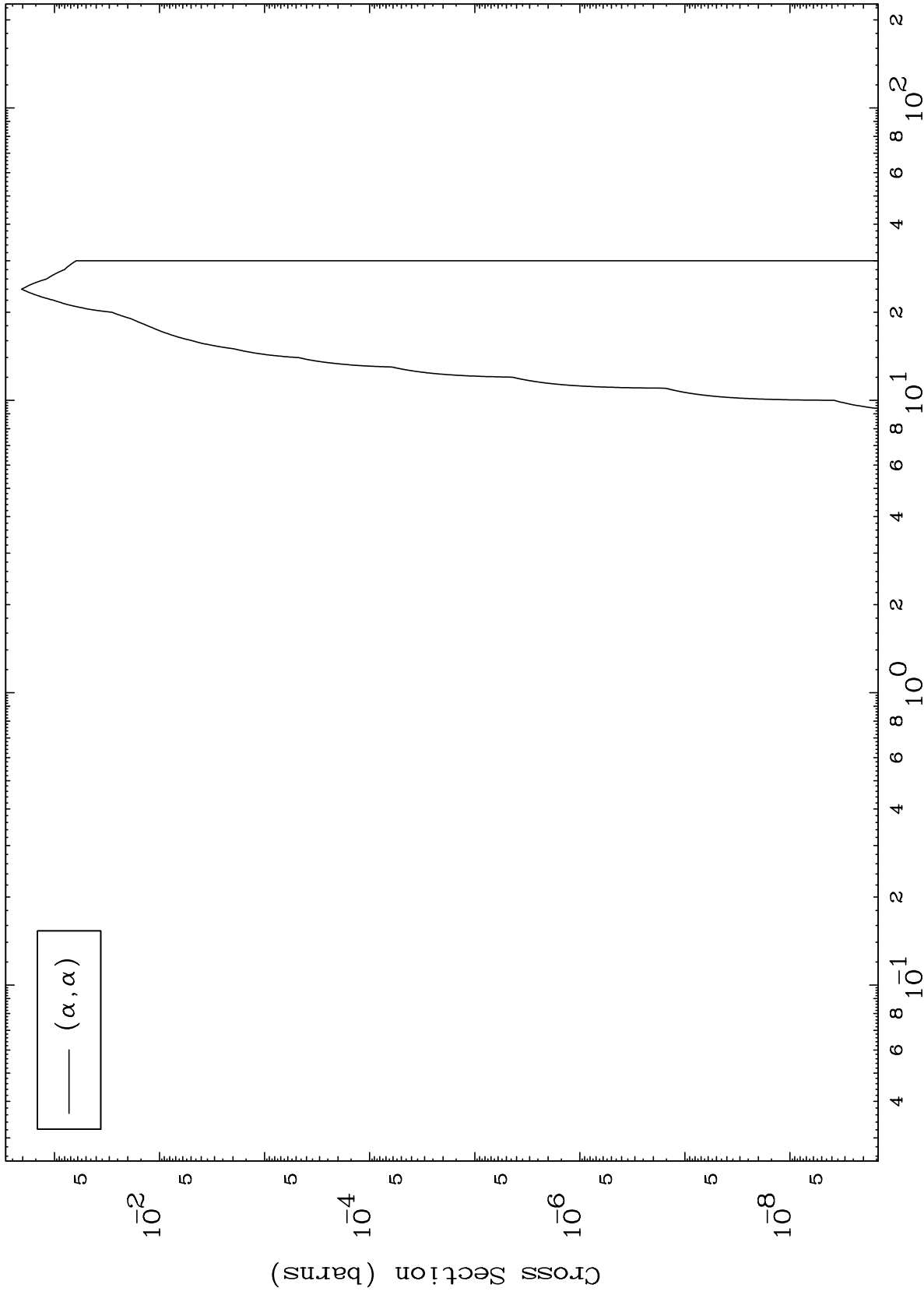
50-Sn-125



MAT 5064

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-125



10

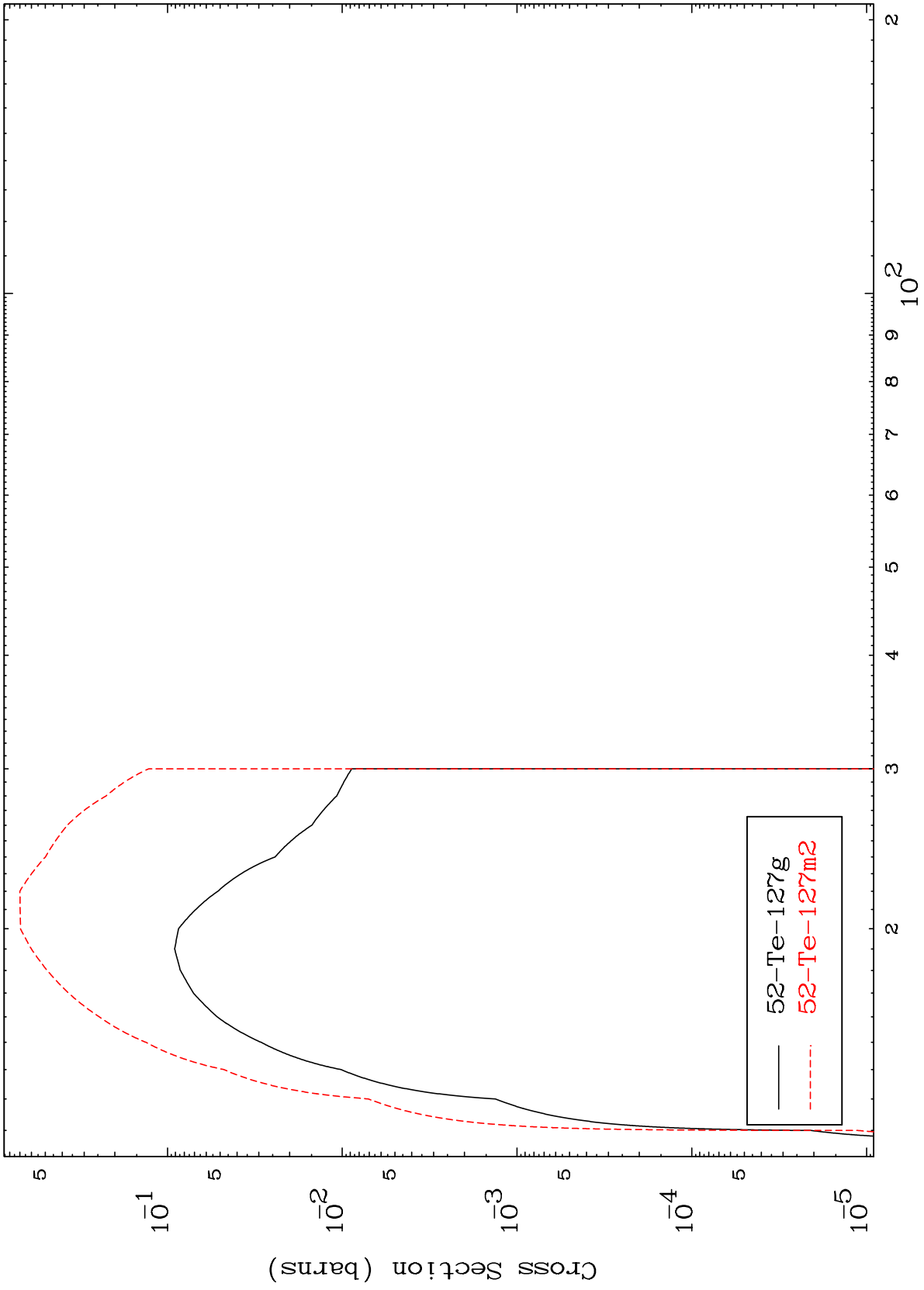
Incident Energy (MeV)

50-Sn-125

MAT 5064

50-Sn-125

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



11

Incident Energy (MeV)

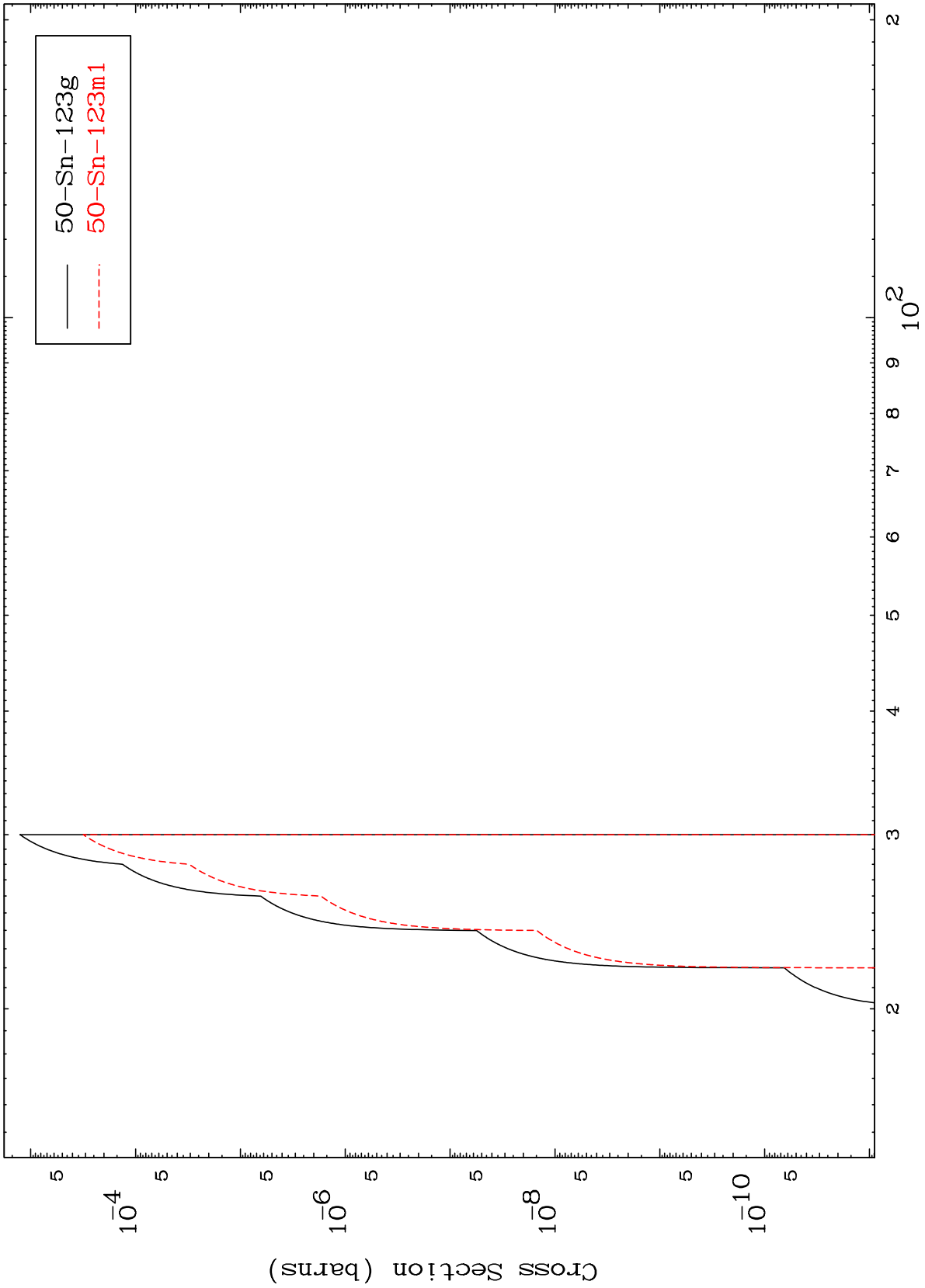
50-Sn-125

MAT 5064

$(\alpha, 2n) \alpha$

50-Sn-125

Radionuclide Production Cross Section



50-Sn-123g
50-Sn-123m1

12

Incident Energy (MeV)

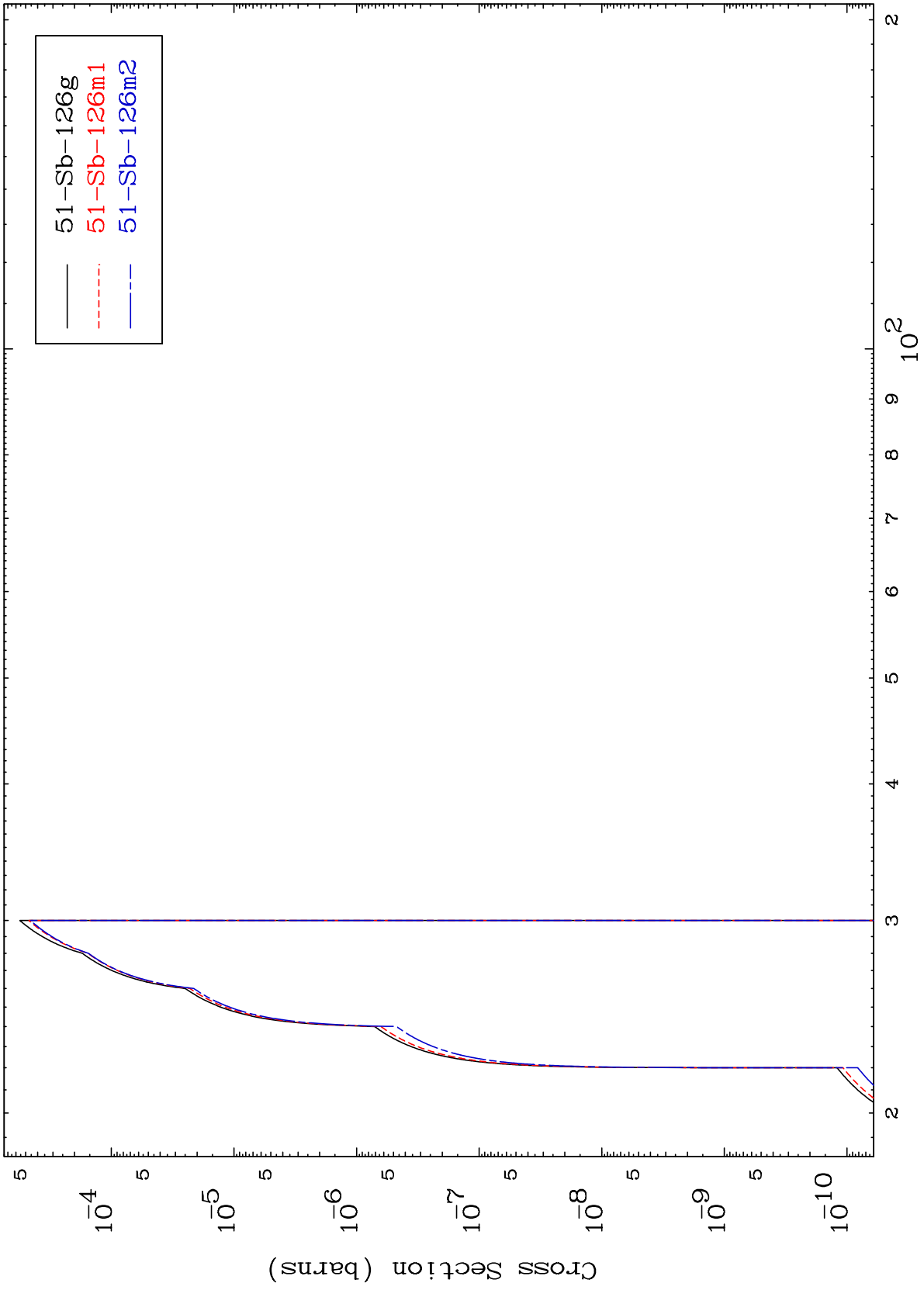
50-Sn-125

MAT 5064

(α, n') d

50-Sn-125

Radionuclide Production Cross Section



13

Incident Energy (MeV)

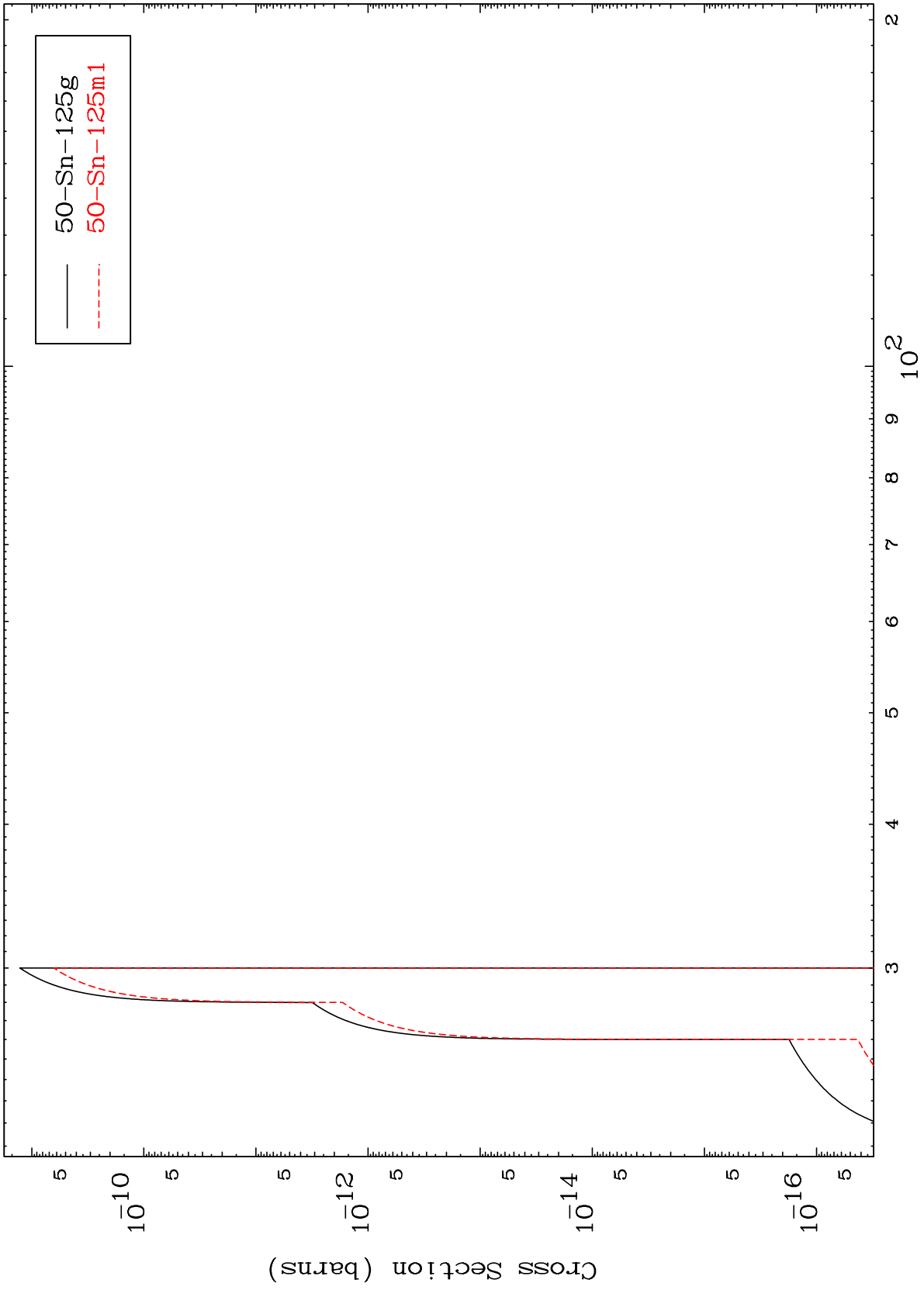
50-Sn-125

MAT 5064

(α, n') He-3

50-Sn-125

Radionuclide Production Cross Section



14

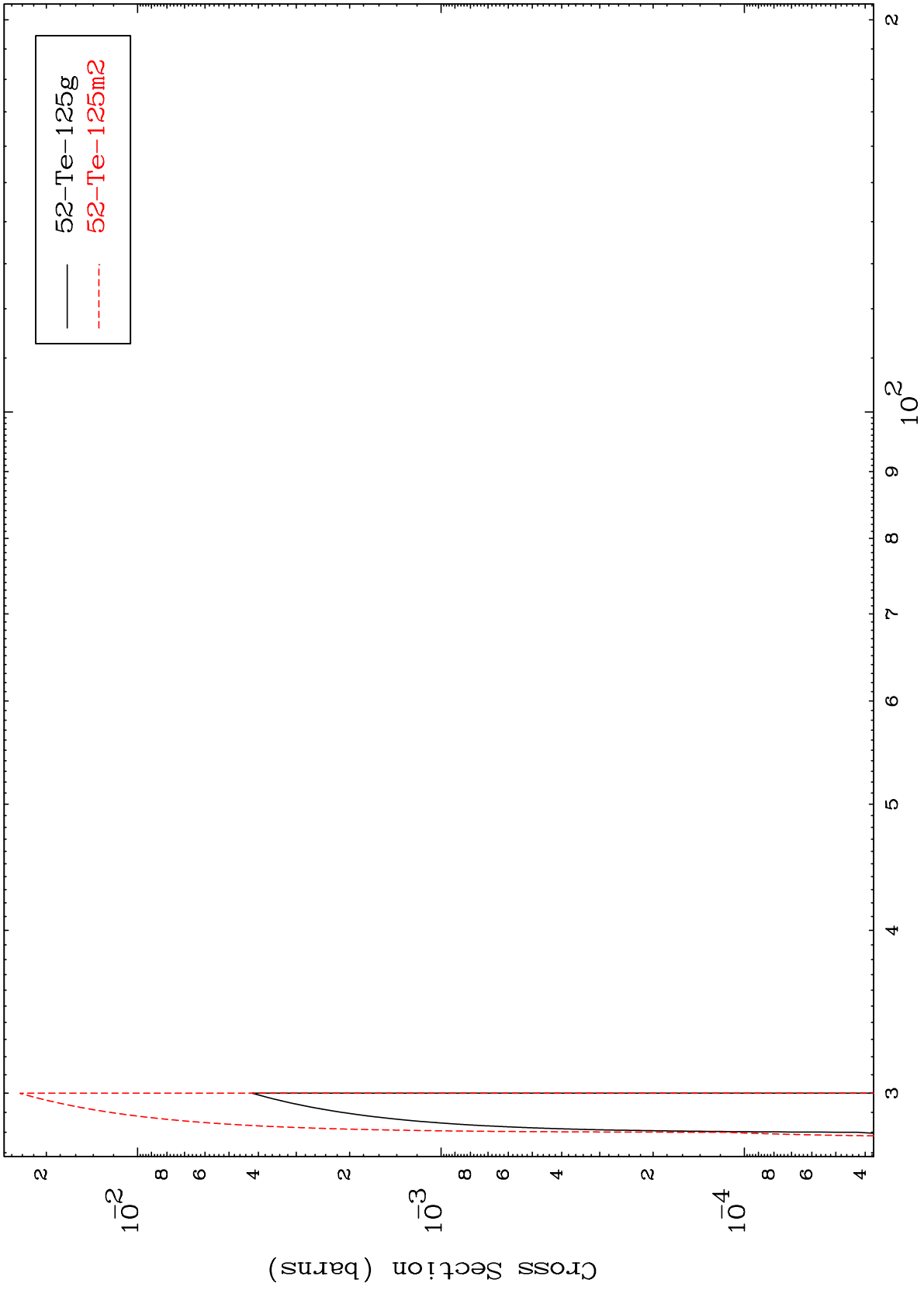
Incident Energy (MeV)

50-Sn-125

MAT 5064

50-Sn-125

$(\alpha, 4n)$
Radionuclide Production Cross Section



15

Incident Energy (MeV)

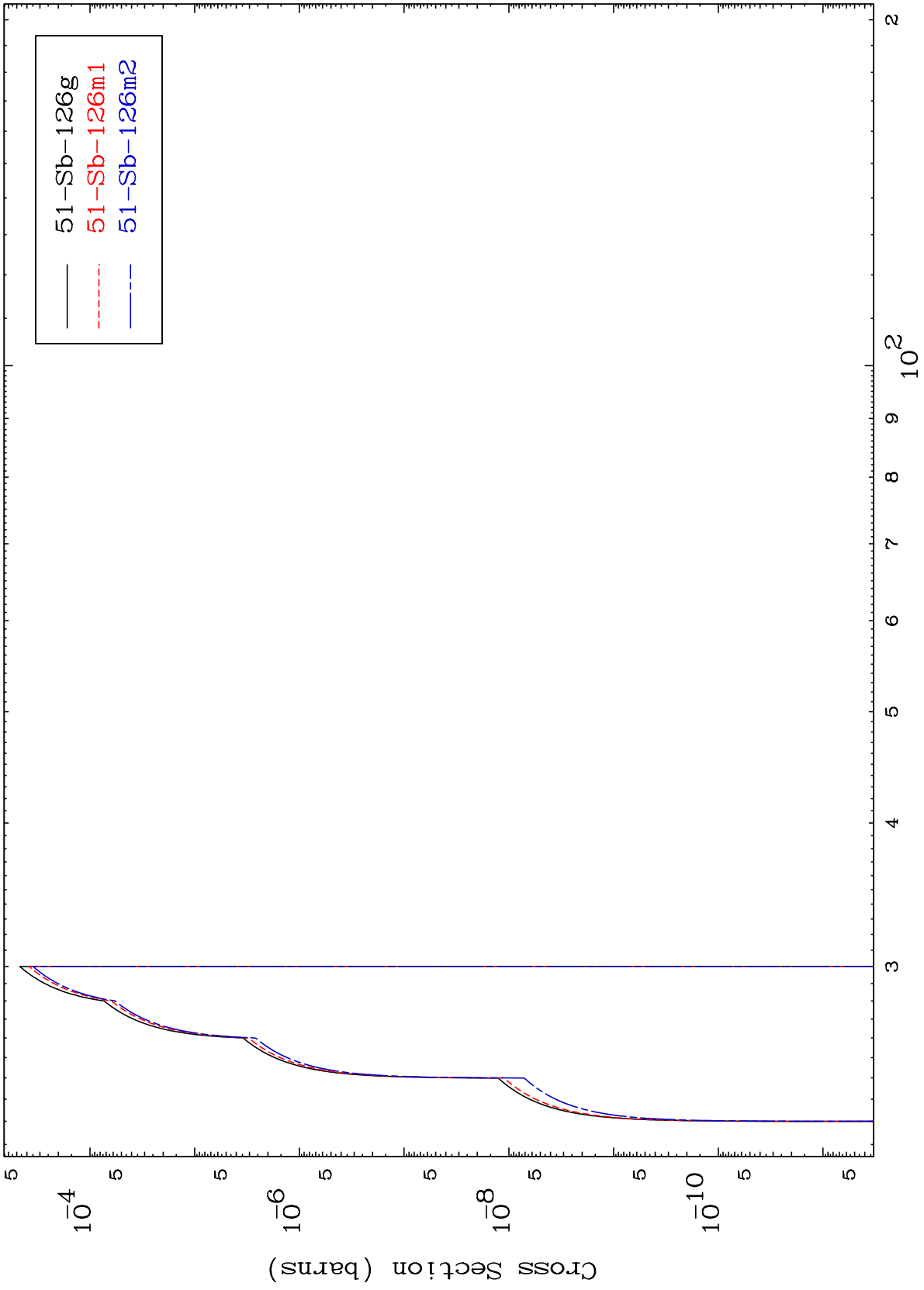
50-Sn-125

MAT 5064

$(\alpha, 2n)$ p

50-Sn-125

Radionuclide Production Cross Section



16

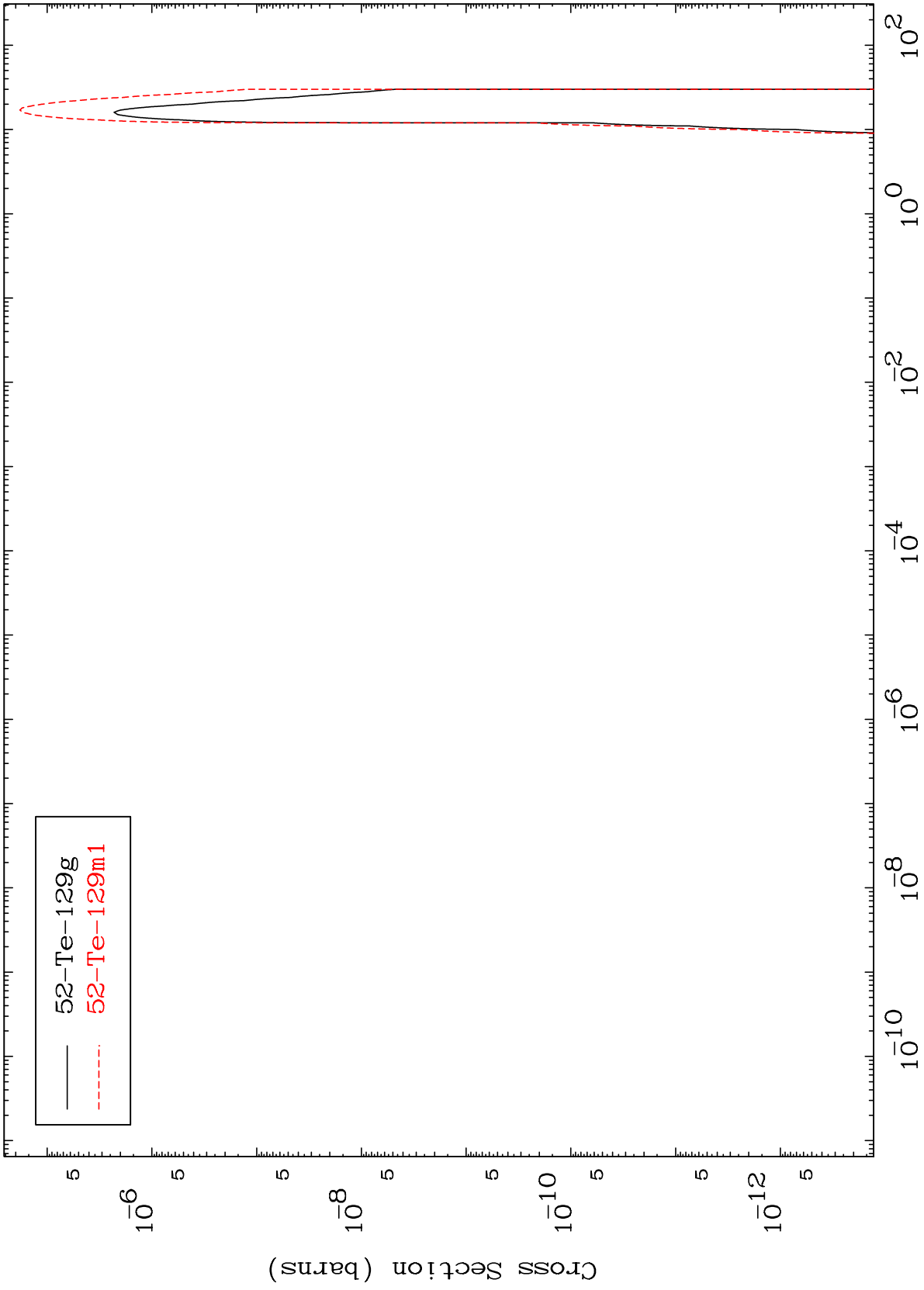
Incident Energy (MeV)

50-Sn-125

MAT 5064

Radionuclide Production Cross Section
(α, γ)

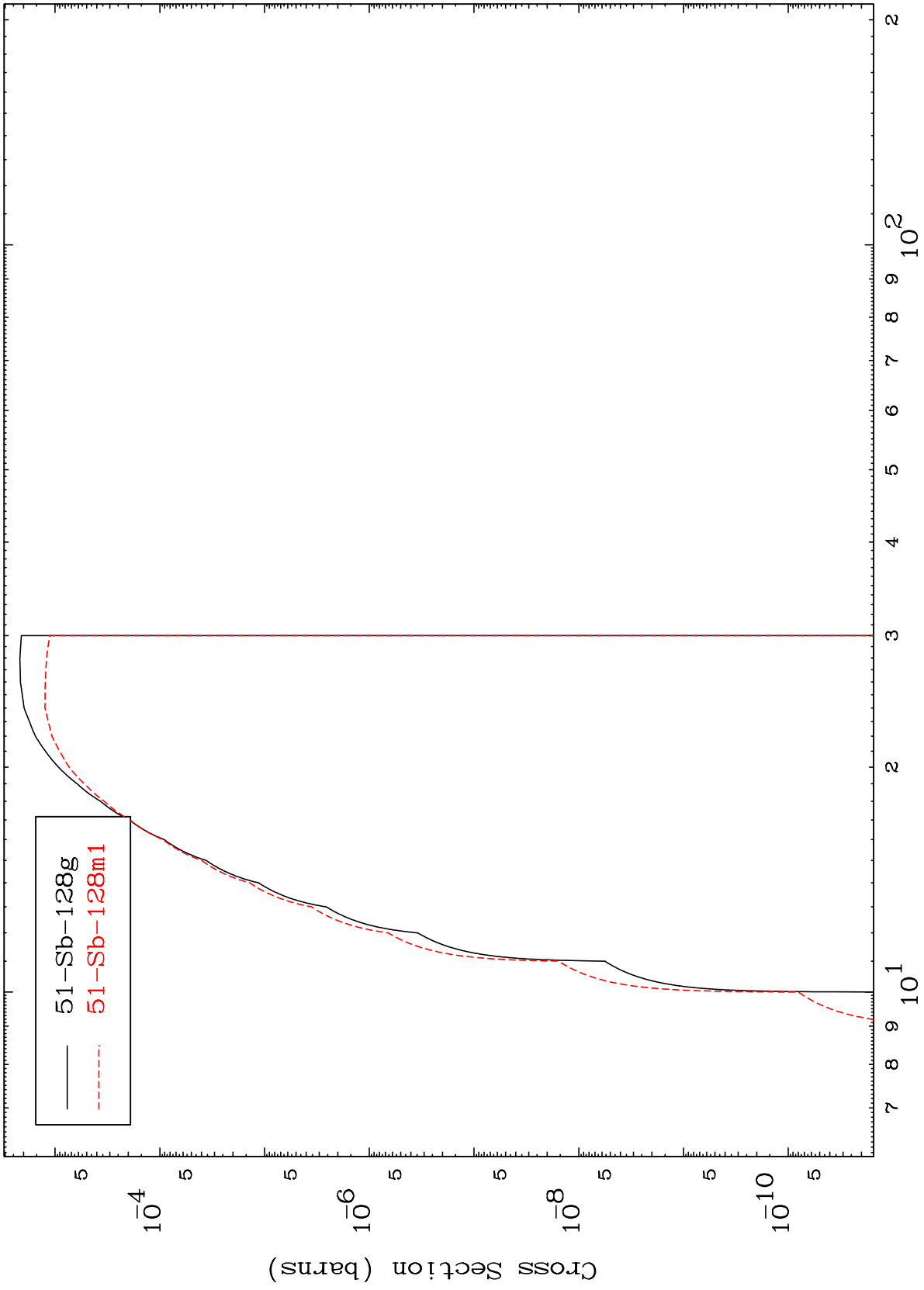
50-Sn-125



MAT 5064

50-Sn-125

(α, p)
Radionuclide Production Cross Section

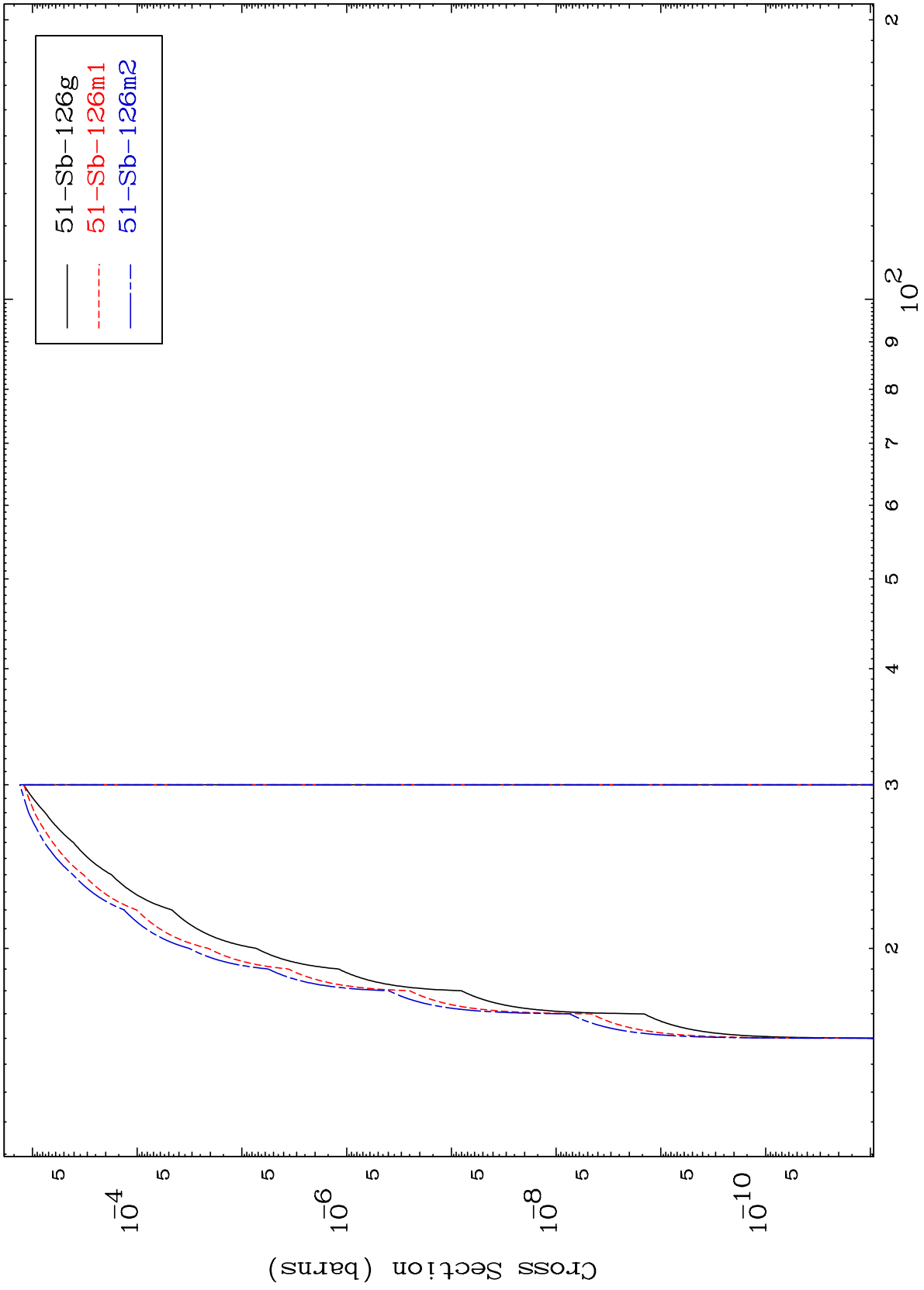


18

Incident Energy (MeV)

50-Sn-125

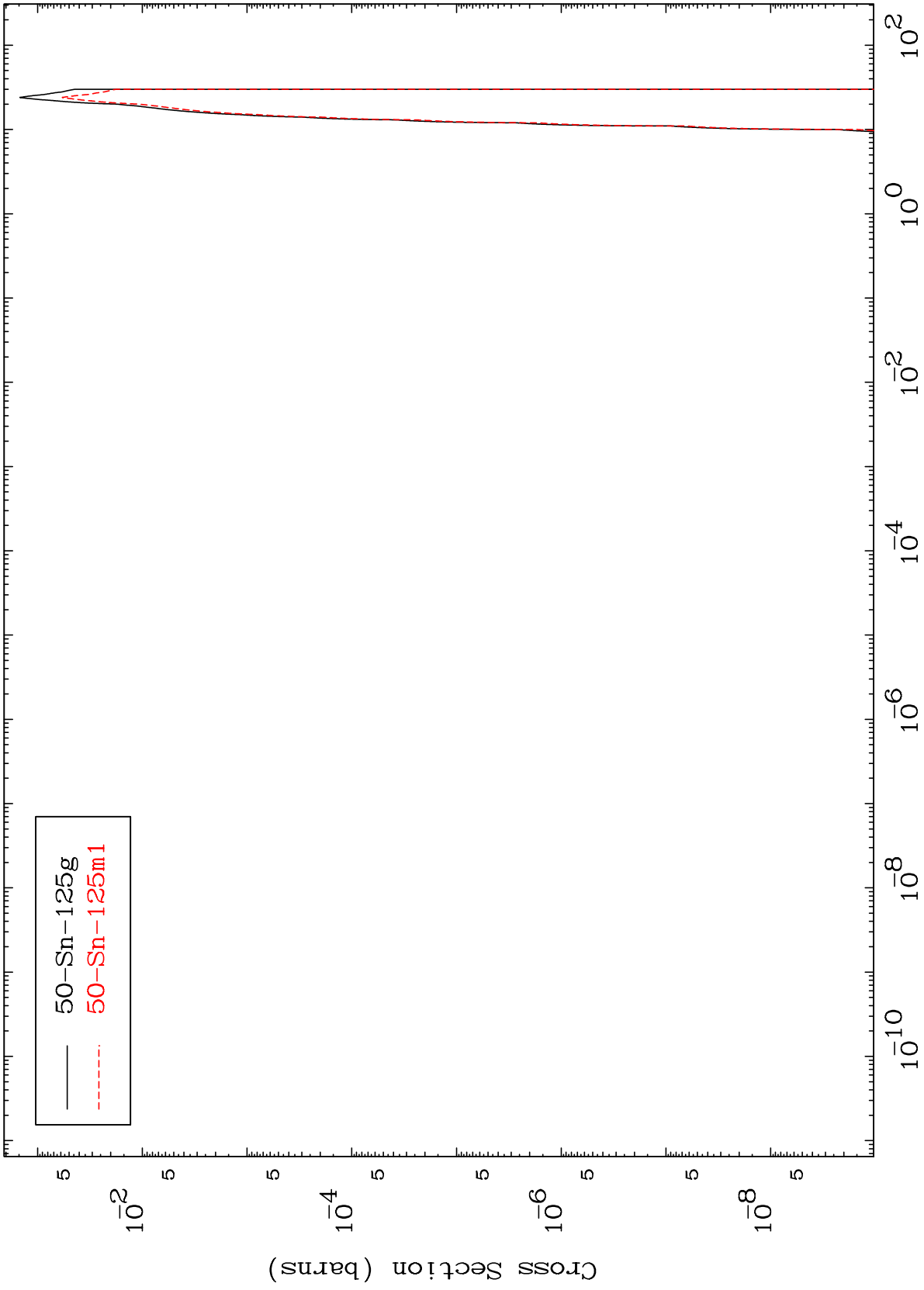
(α, t)
Radionuclide Production Cross Section



MAT 5064

(α, α)
Radionuclide Production Cross Section

50-Sn-125



20

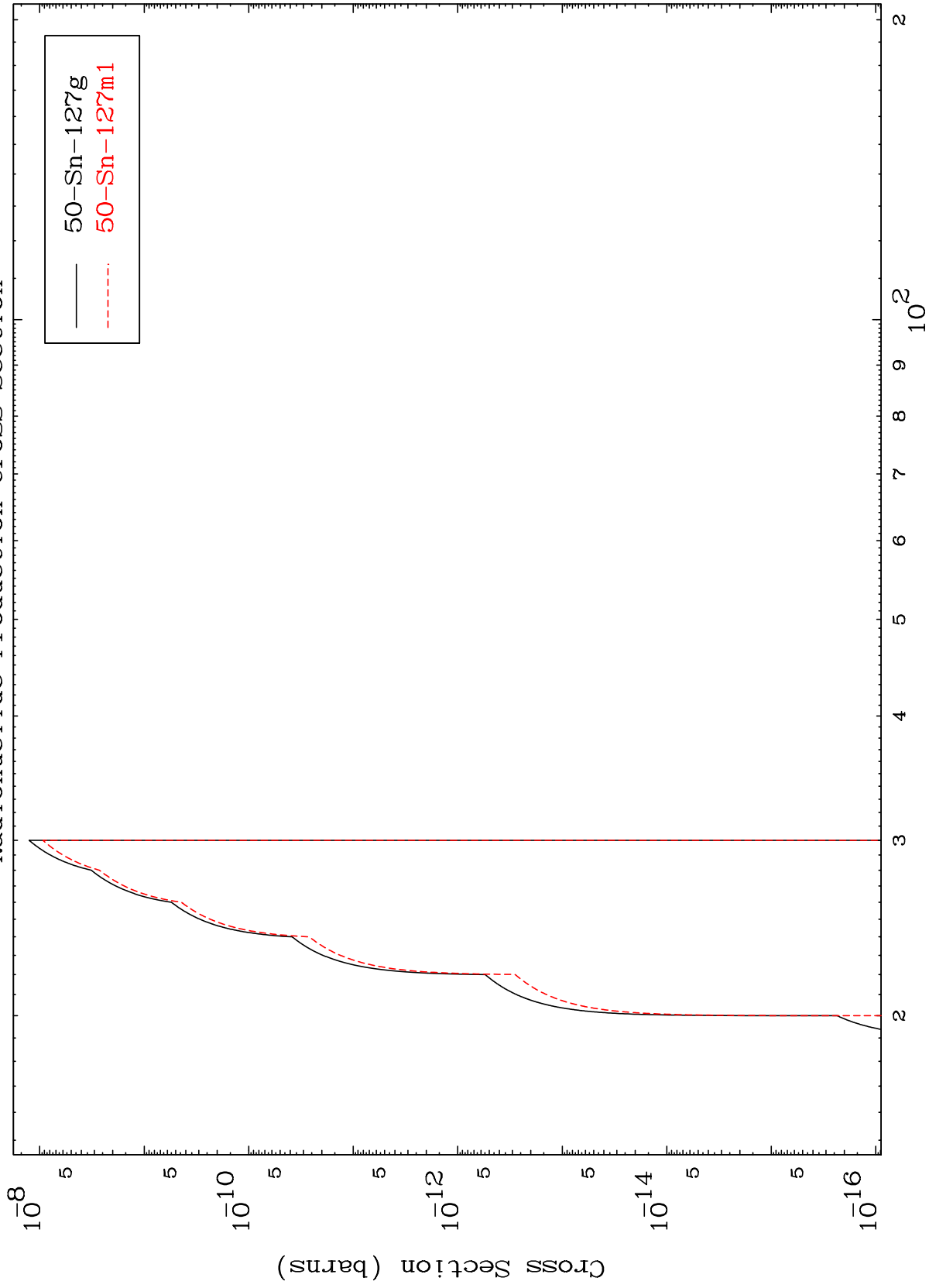
Incident Energy (MeV)

50-Sn-125

MAT 5064

50-Sn-125

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



21

50-Sn-125