

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

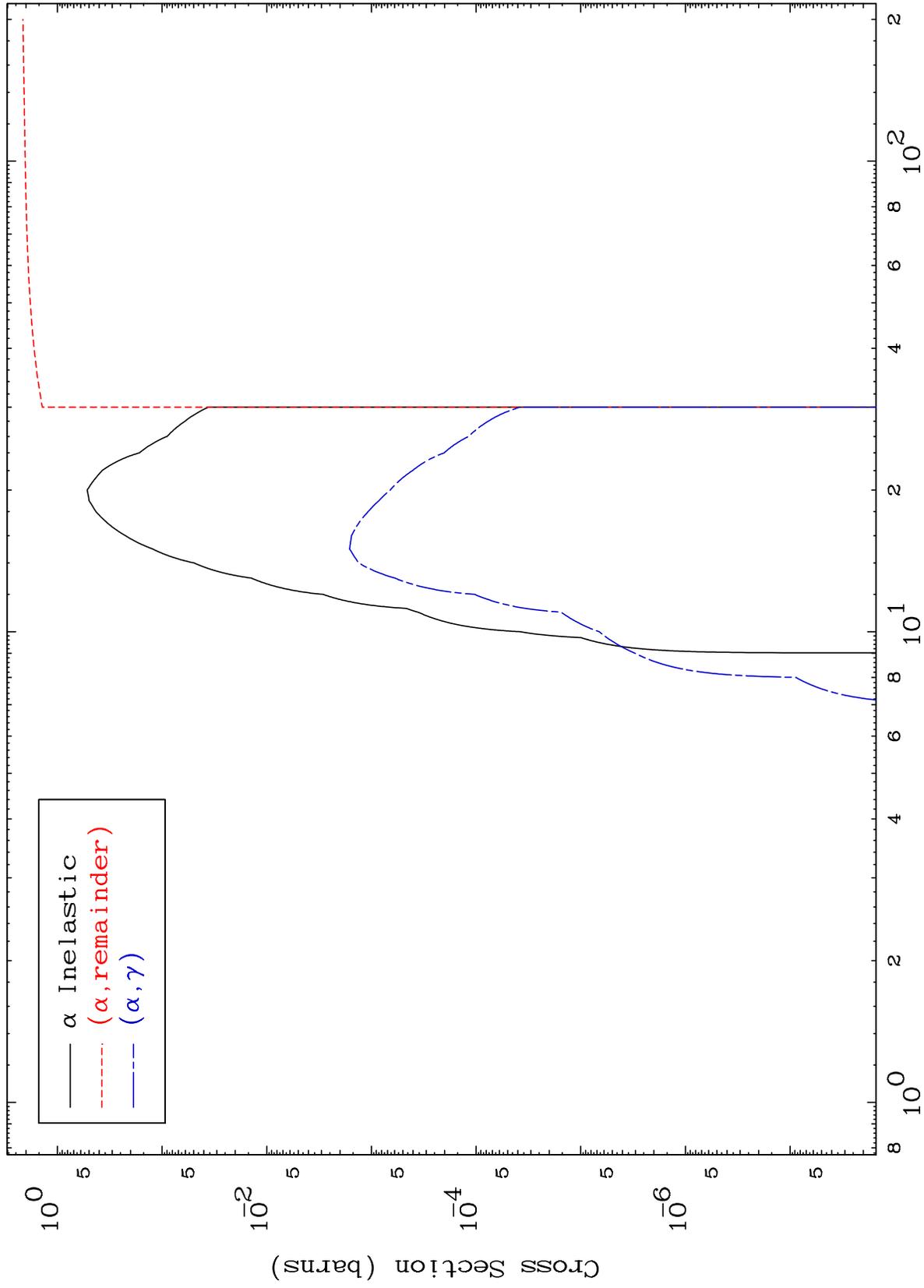
Press Mouse Button to Start

MAT 5028

0 Kelvin

α Major Cross Sections

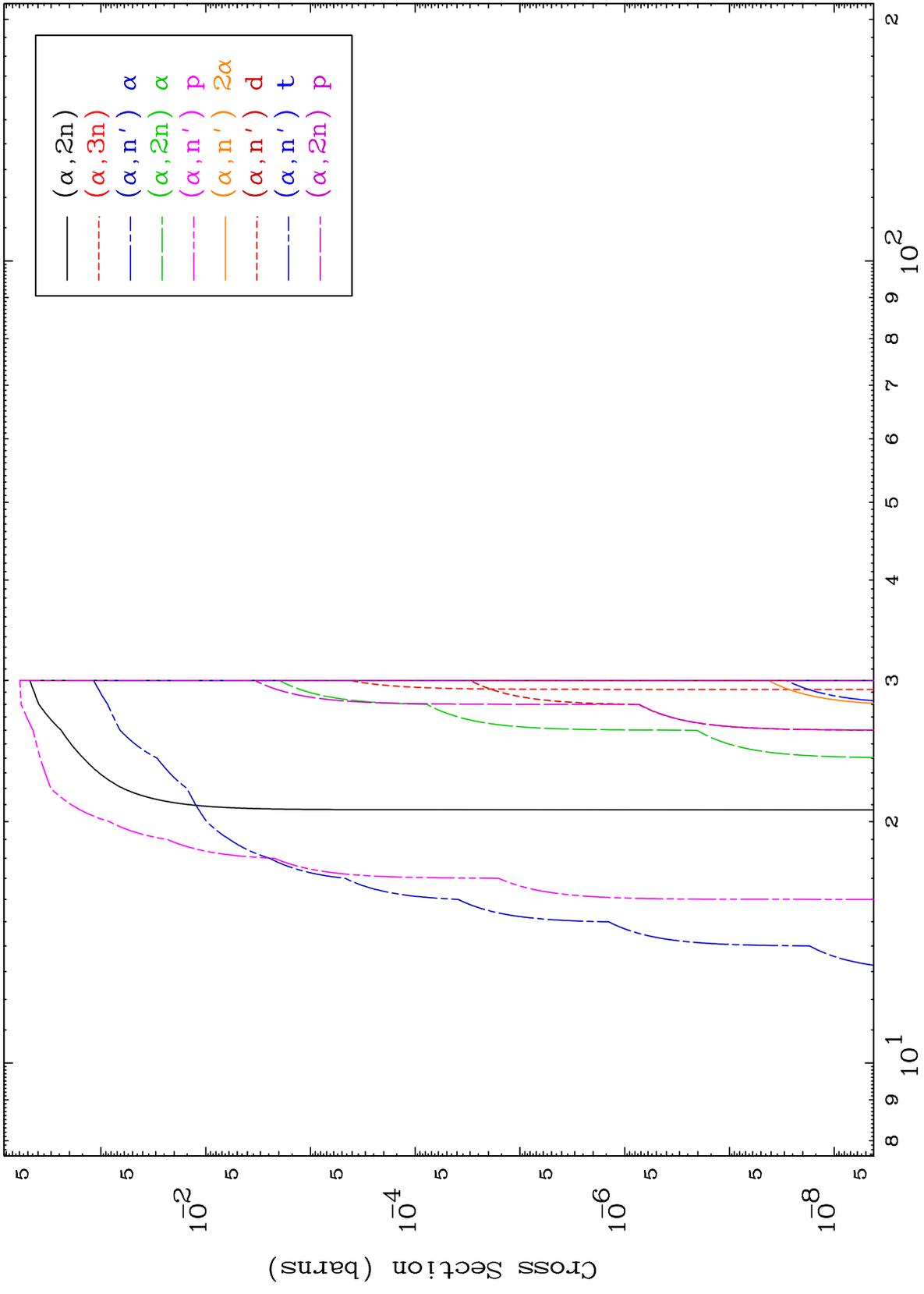
50-Sn-113

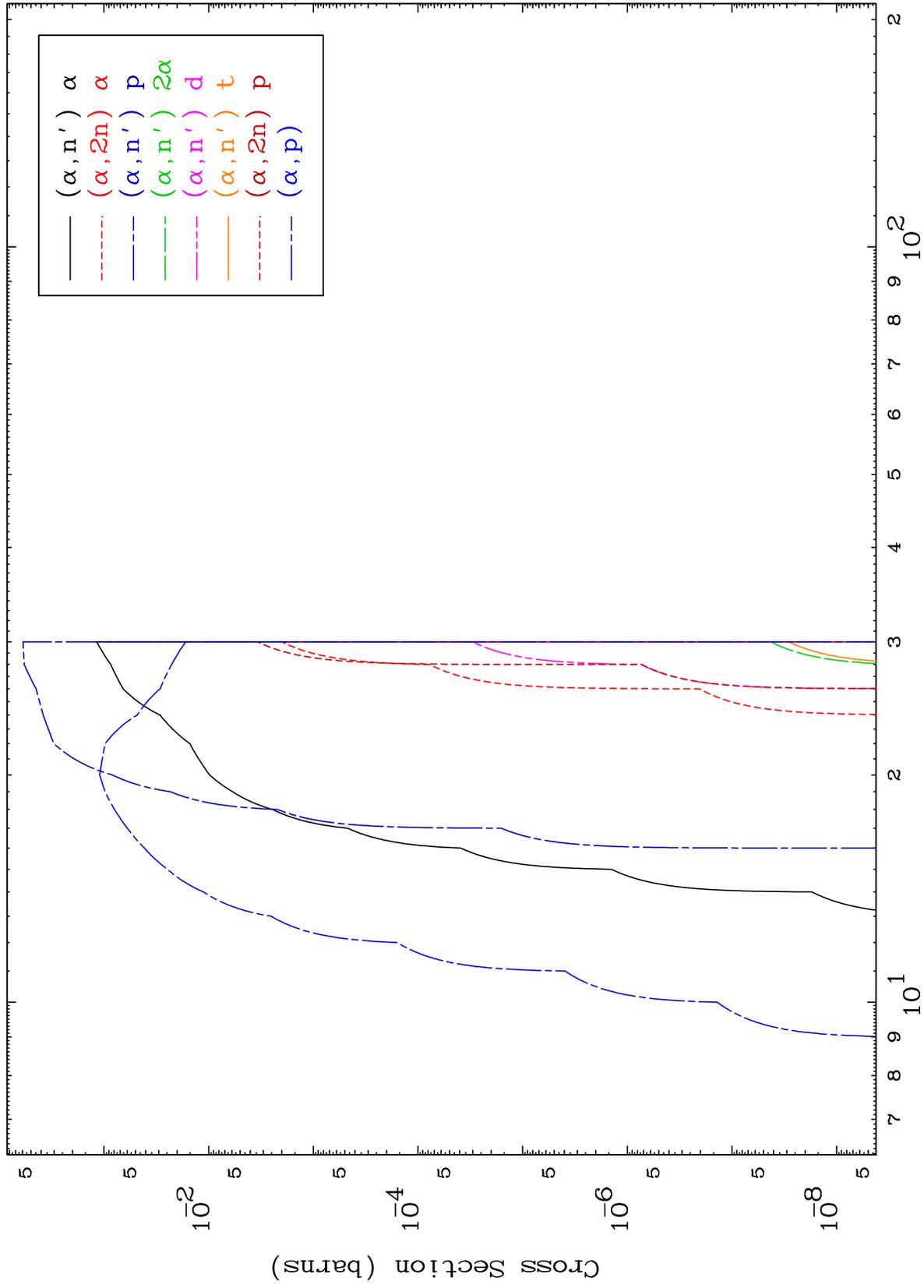


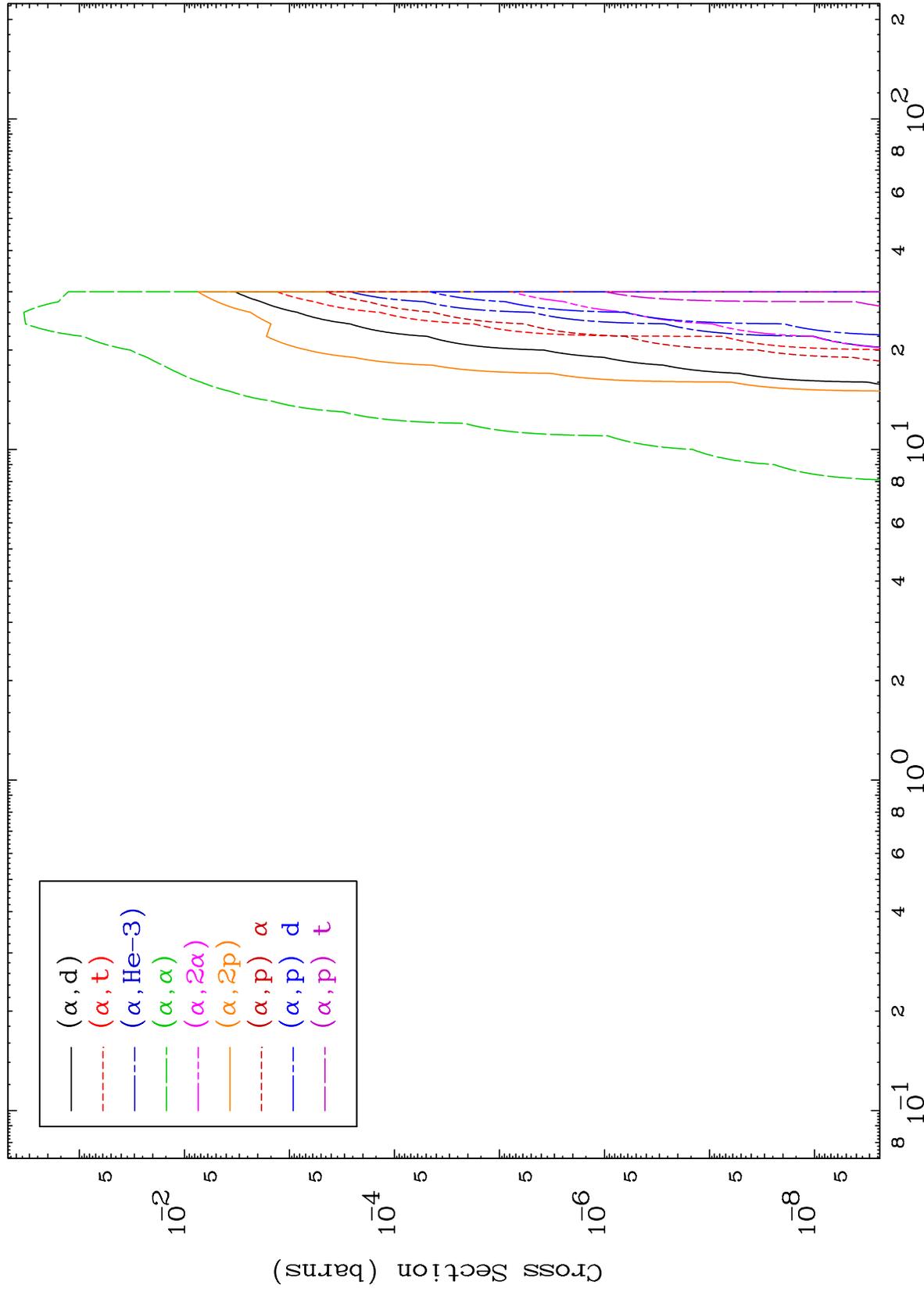
1

Incident Energy (MeV)

50-Sn-113



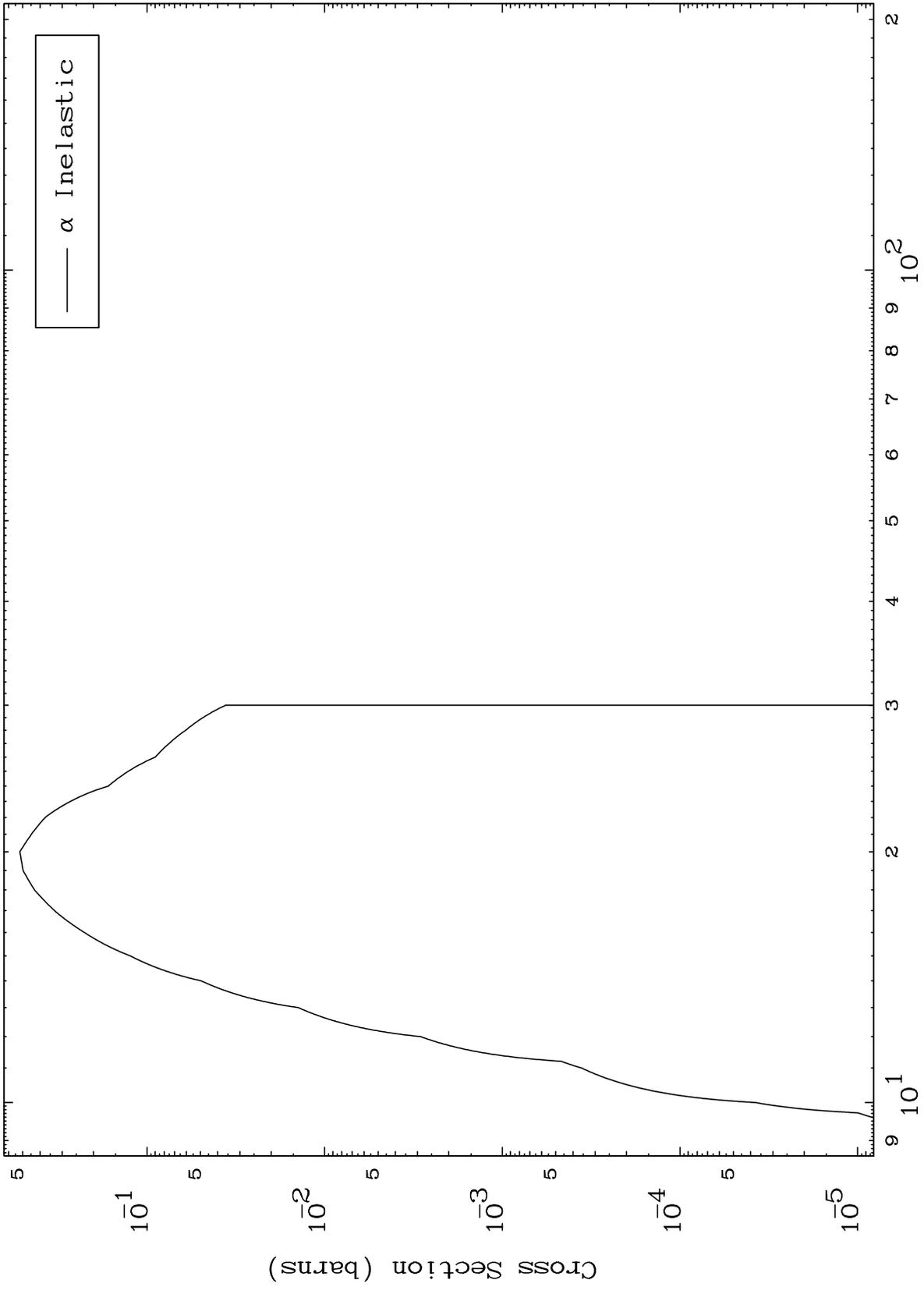




MAT 5028

(α, n') Level
0 Kelvin Cross Sections

50-Sn-113



50-Sn-113

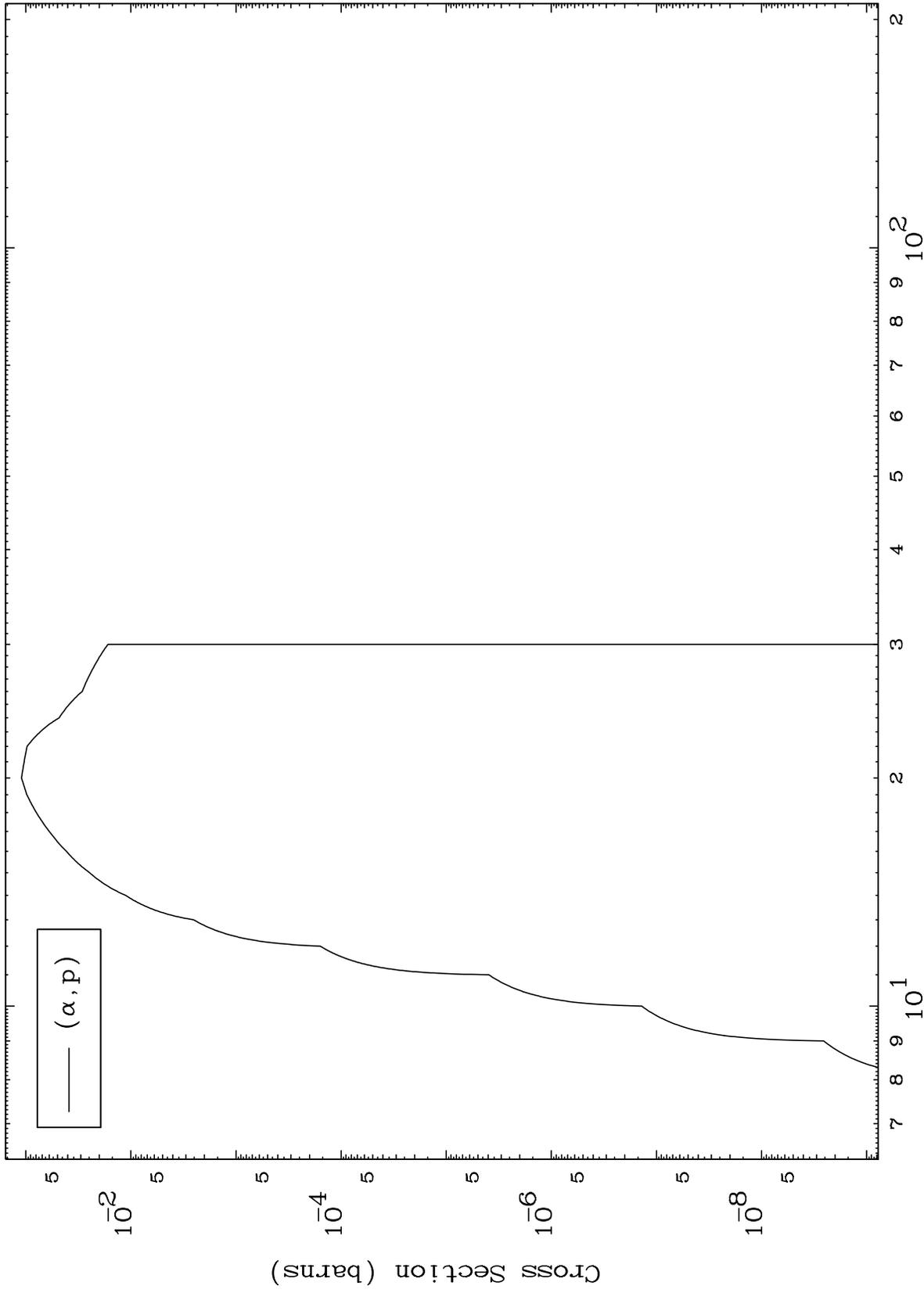
Incident Energy (MeV)

5

MAT 5028

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-113



6

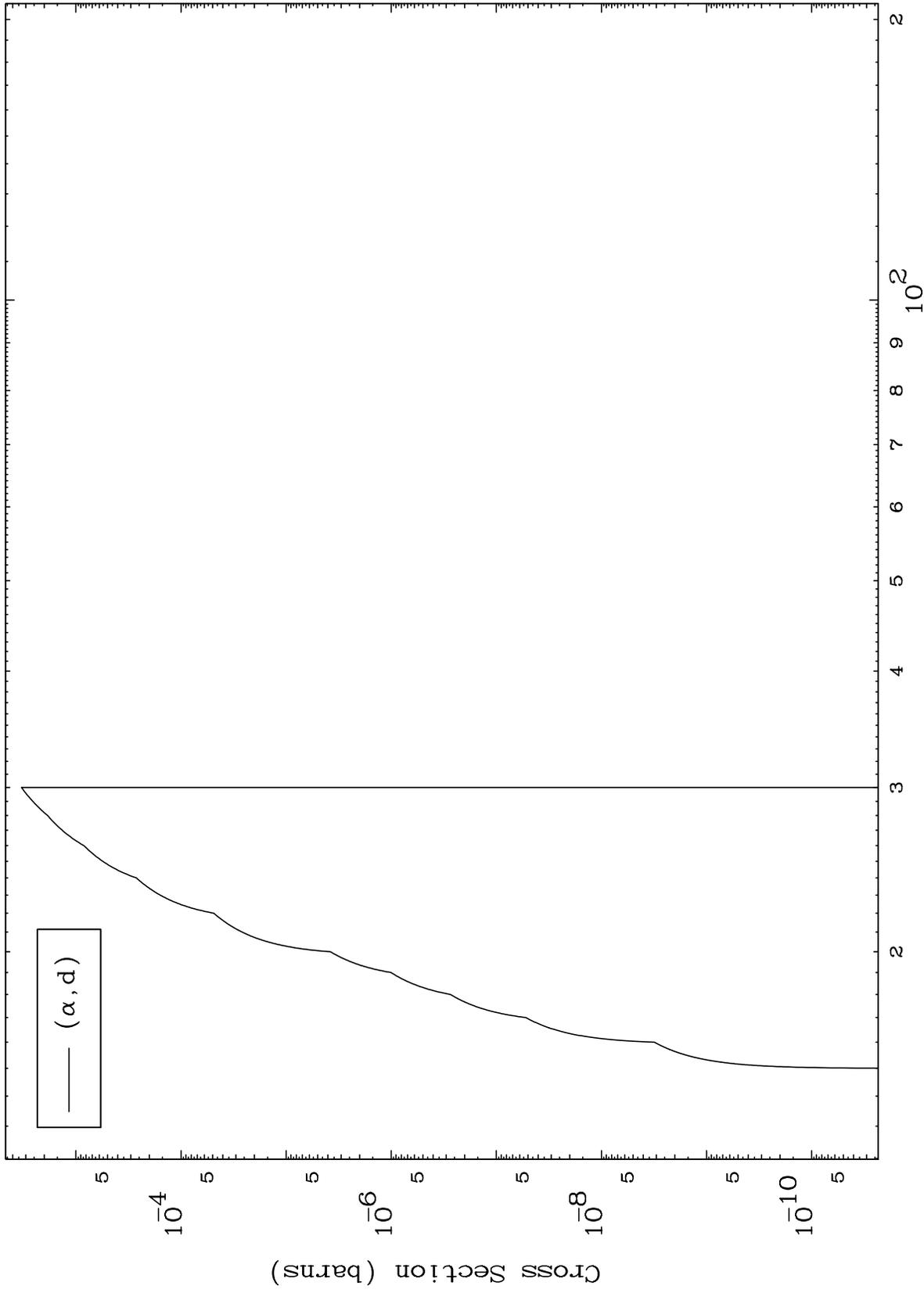
Incident Energy (MeV)

50-Sn-113

MAT 5028

(α, d) Levels
0 Kelvin Cross Sections

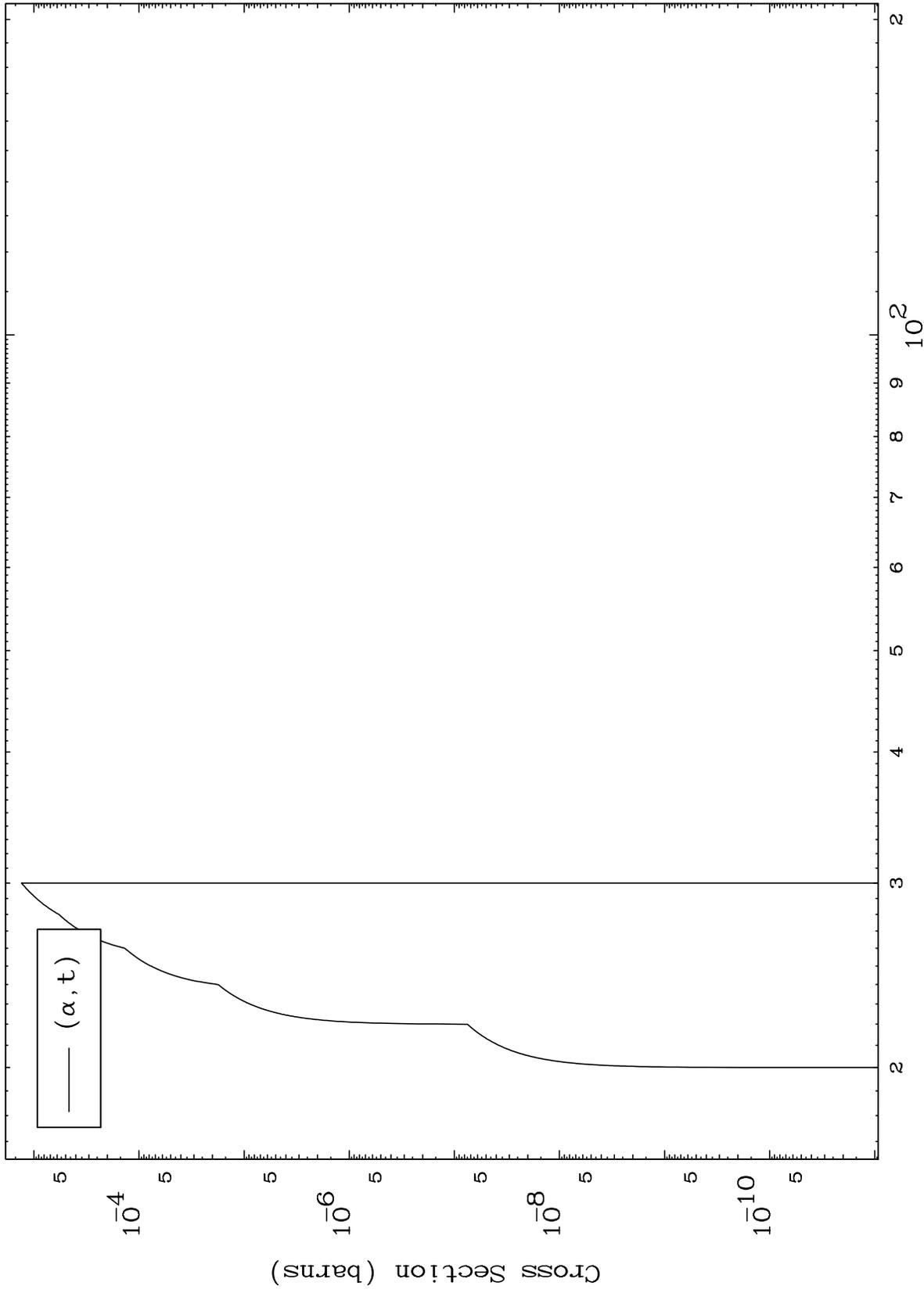
50-Sn-113



MAT 5028

(α, t) Levels
0 Kelvin Cross Sections

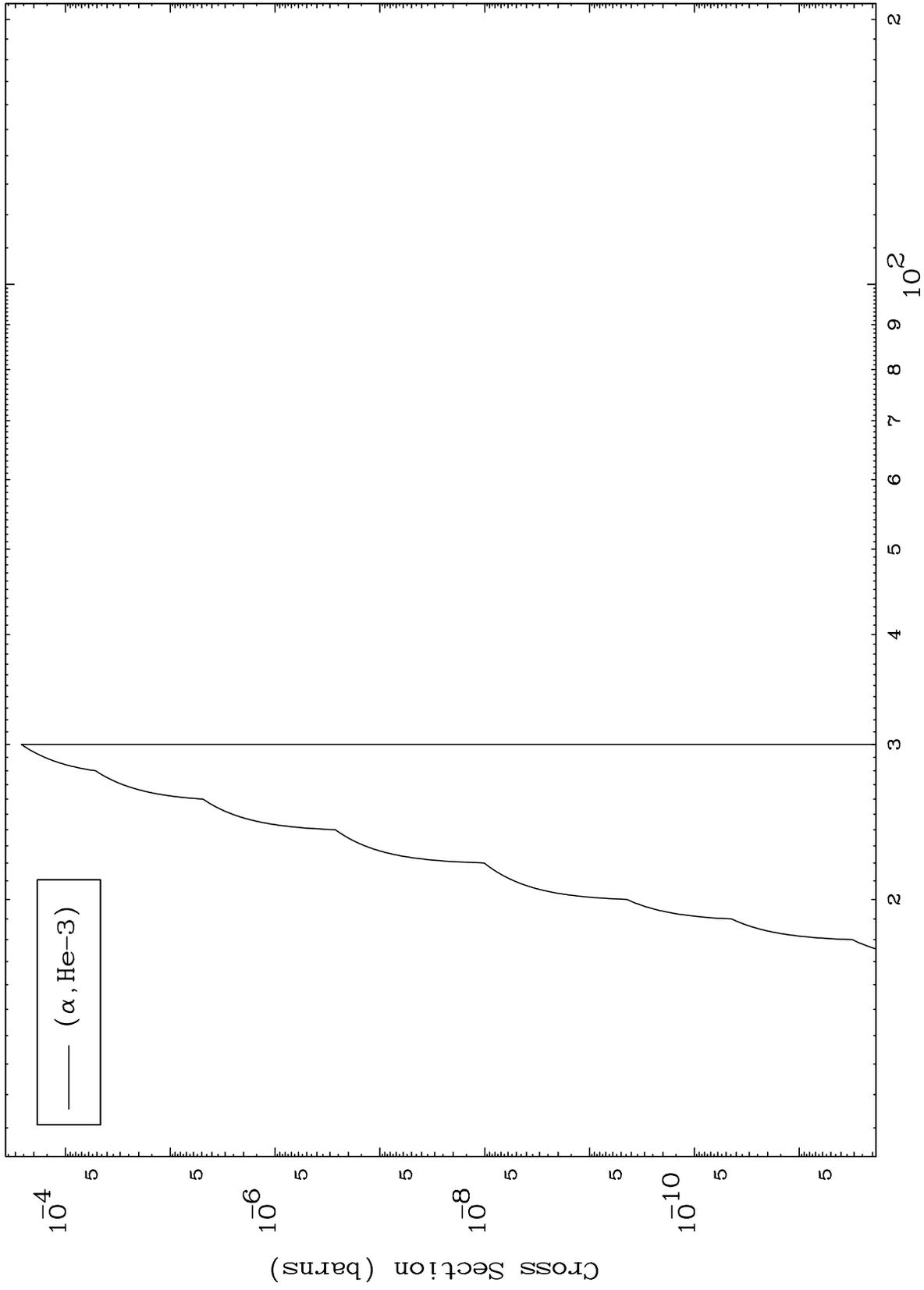
50-Sn-113



8

Incident Energy (MeV)

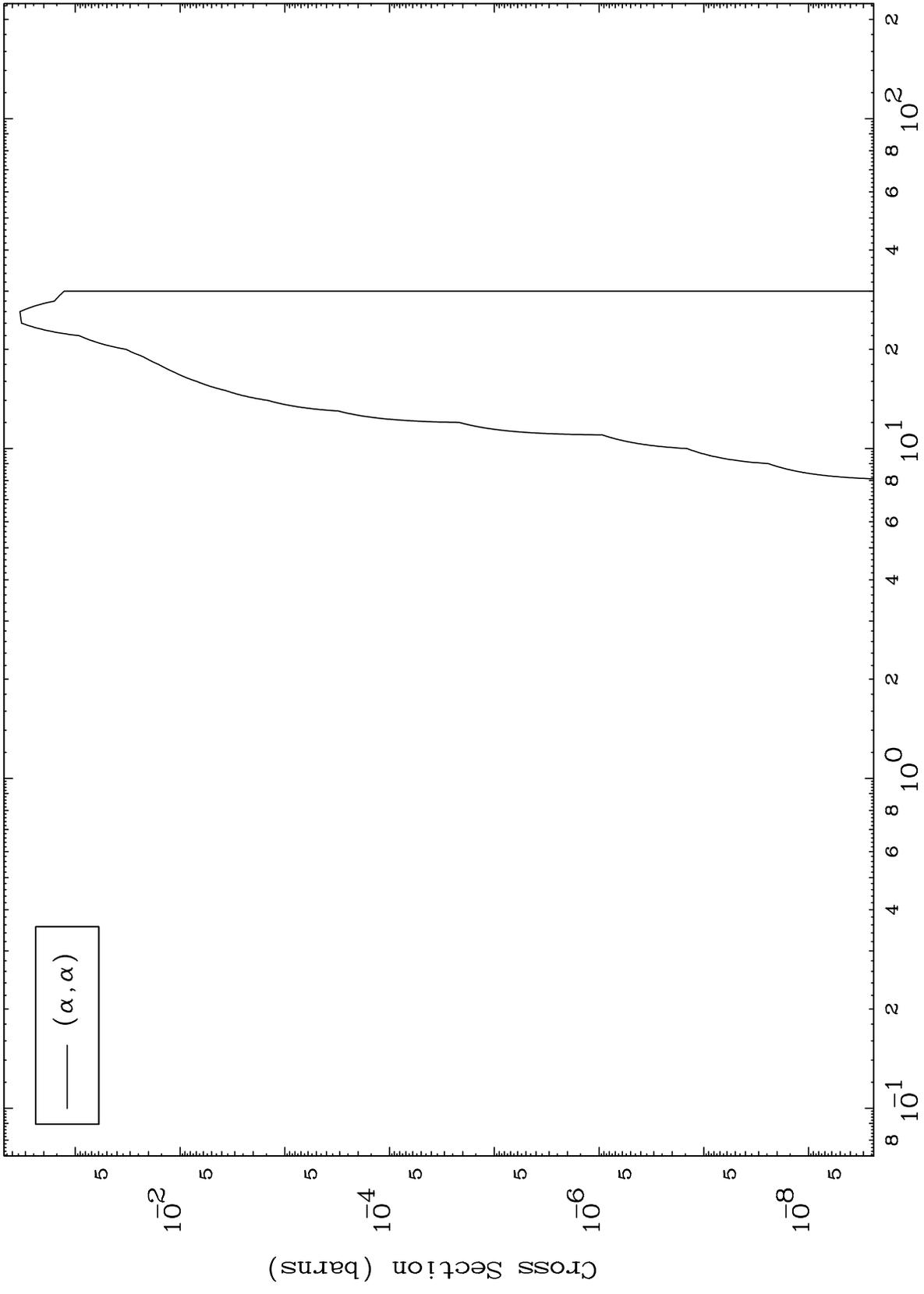
50-Sn-113



MAT 5028

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-113



10

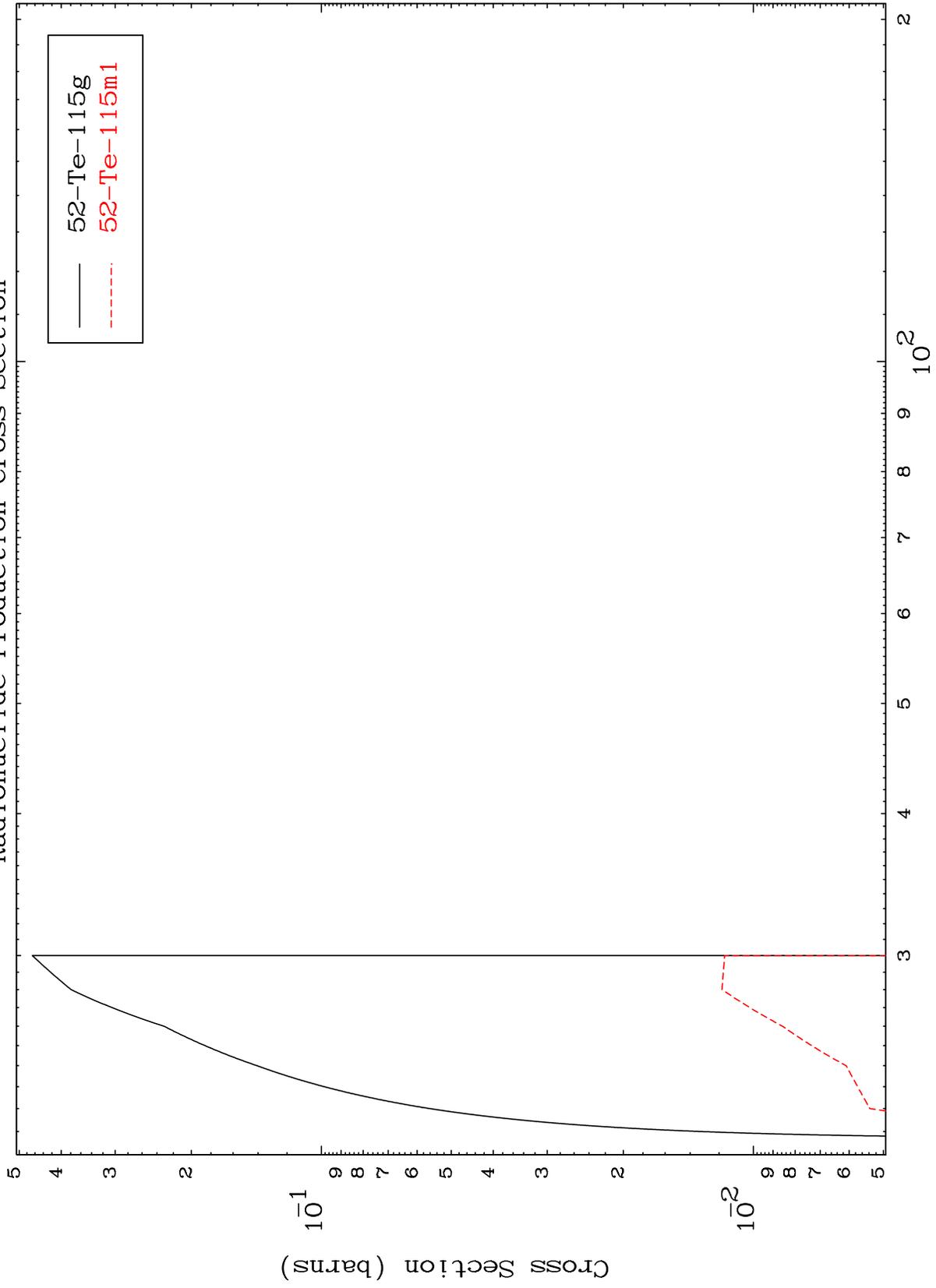
Incident Energy (MeV)

50-Sn-113

MAT 5028

50-Sn-113

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



11

Incident Energy (MeV)

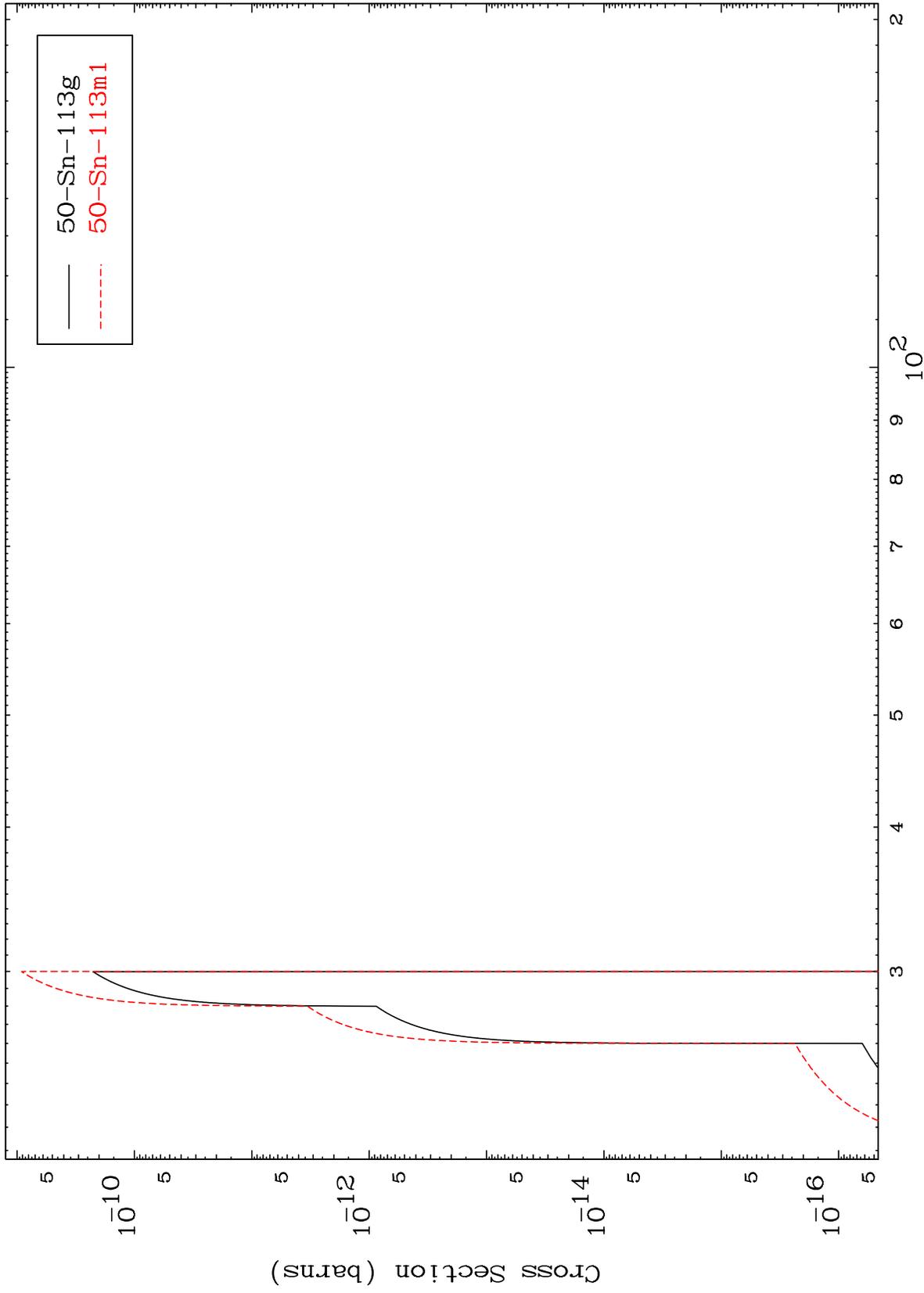
50-Sn-113

MAT 5028

(α, n') He-3

50-Sn-113

Radionuclide Production Cross Section



12

Incident Energy (MeV)

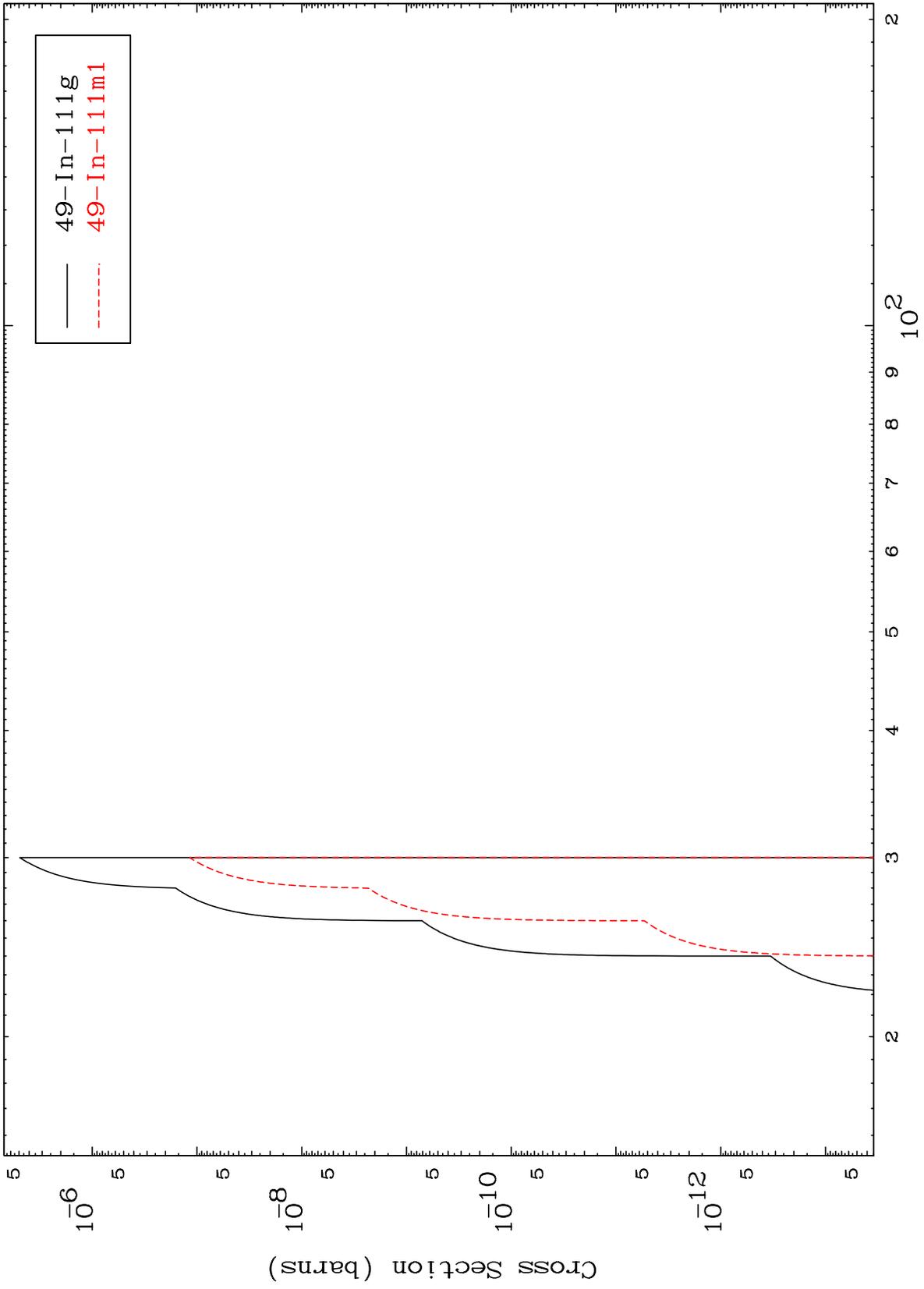
50-Sn-113

MAT 5028

(α, n') p α

50-Sn-113

Radionuclide Production Cross Section



13

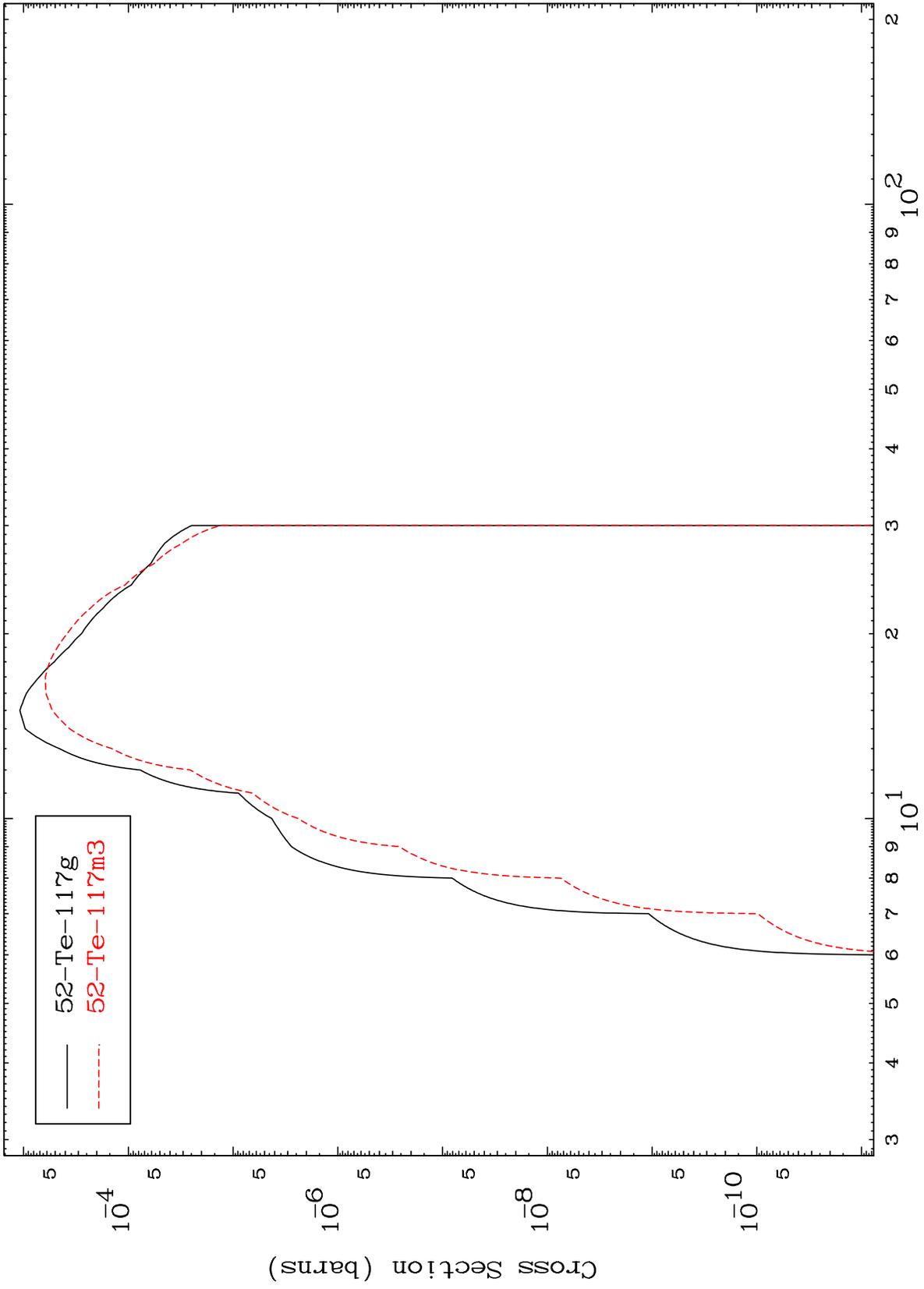
Incident Energy (MeV)

50-Sn-113

MAT 5028

50-Sn-113

(α, γ)
Radionuclide Production Cross Section



50-Sn-113

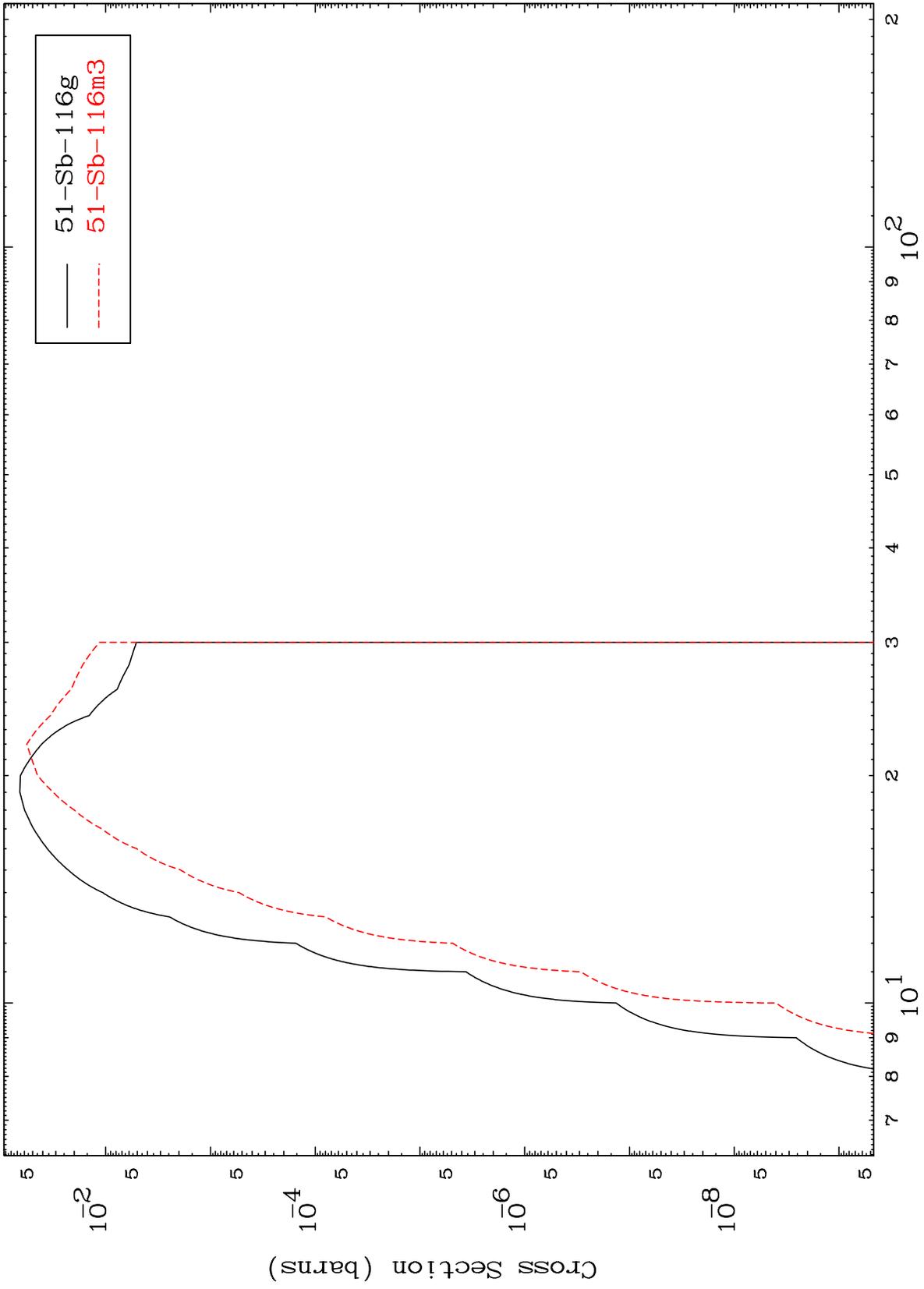
Incident Energy (MeV)

14

MAT 5028

50-Sn-113

(α, p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

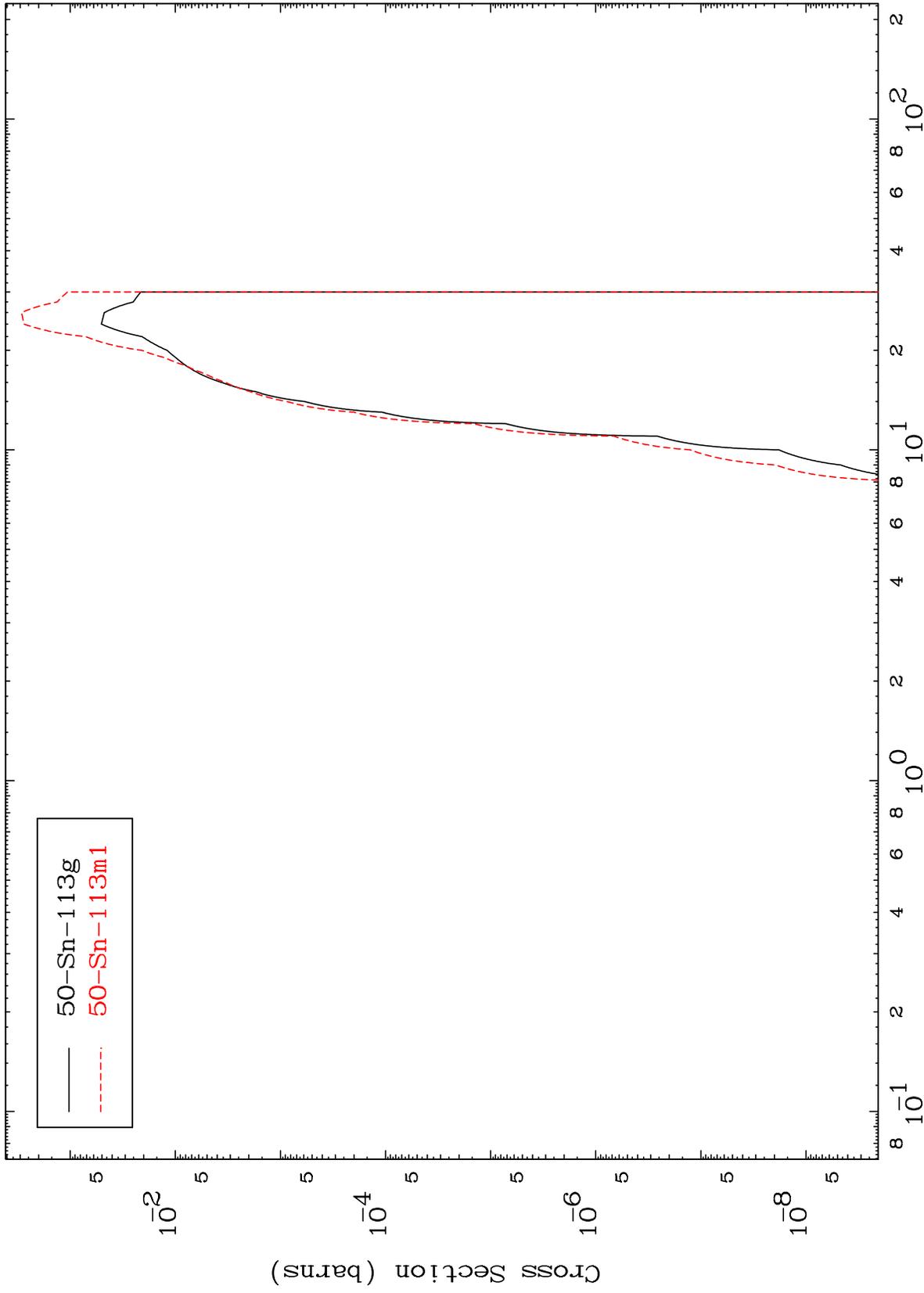
50-Sn-113

MAT 5028

(α, α)

50-Sn-113

Radionuclide Production Cross Section



16

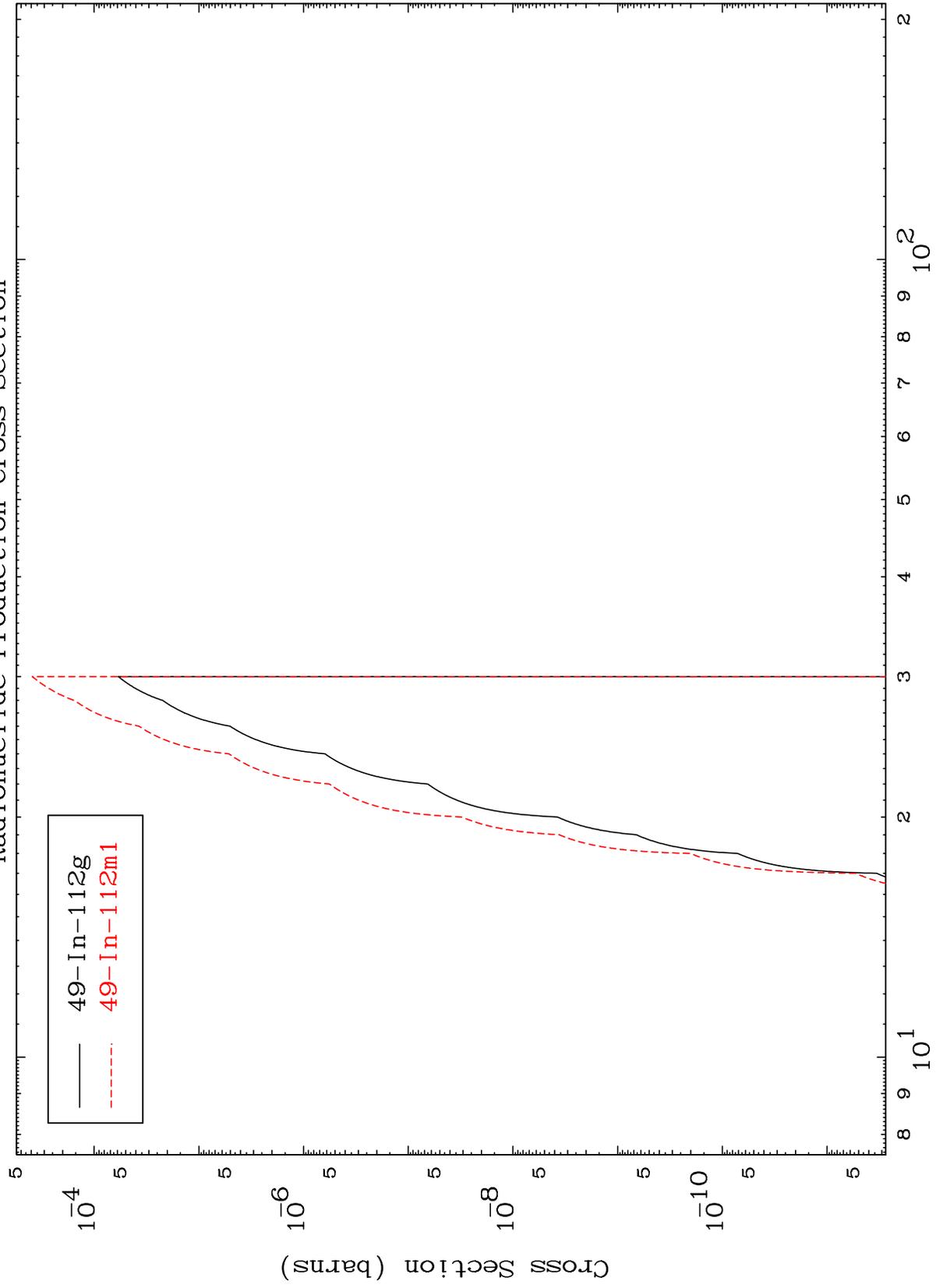
Incident Energy (MeV)

50-Sn-113

MAT 5028

50-Sn-113

(α, p) α
Radionuclide Production Cross Section



17

Incident Energy (MeV)

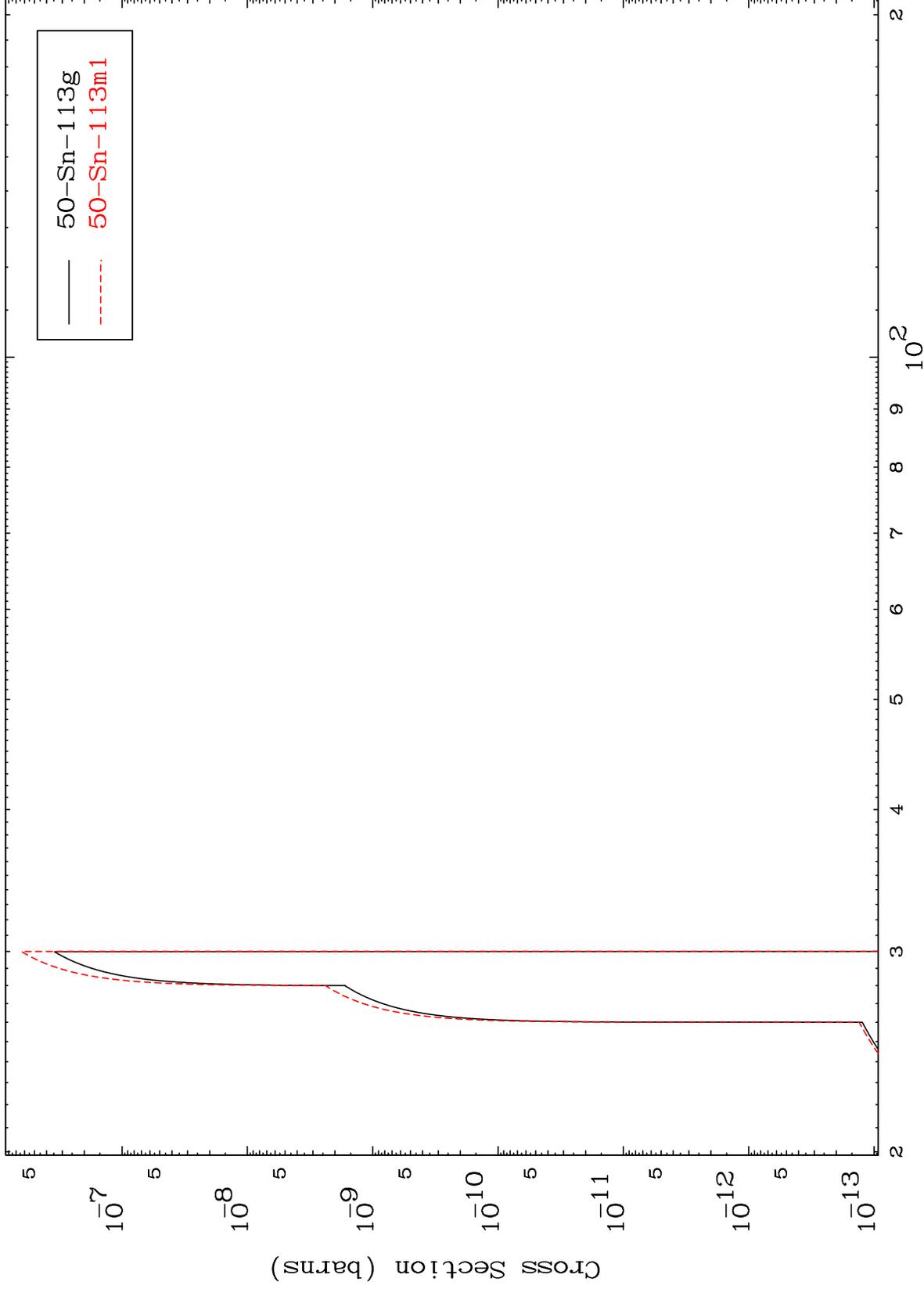
50-Sn-113

MAT 5028

(α, p) t

50-Sn-113

Radionuclide Production Cross Section



18

Incident Energy (MeV)

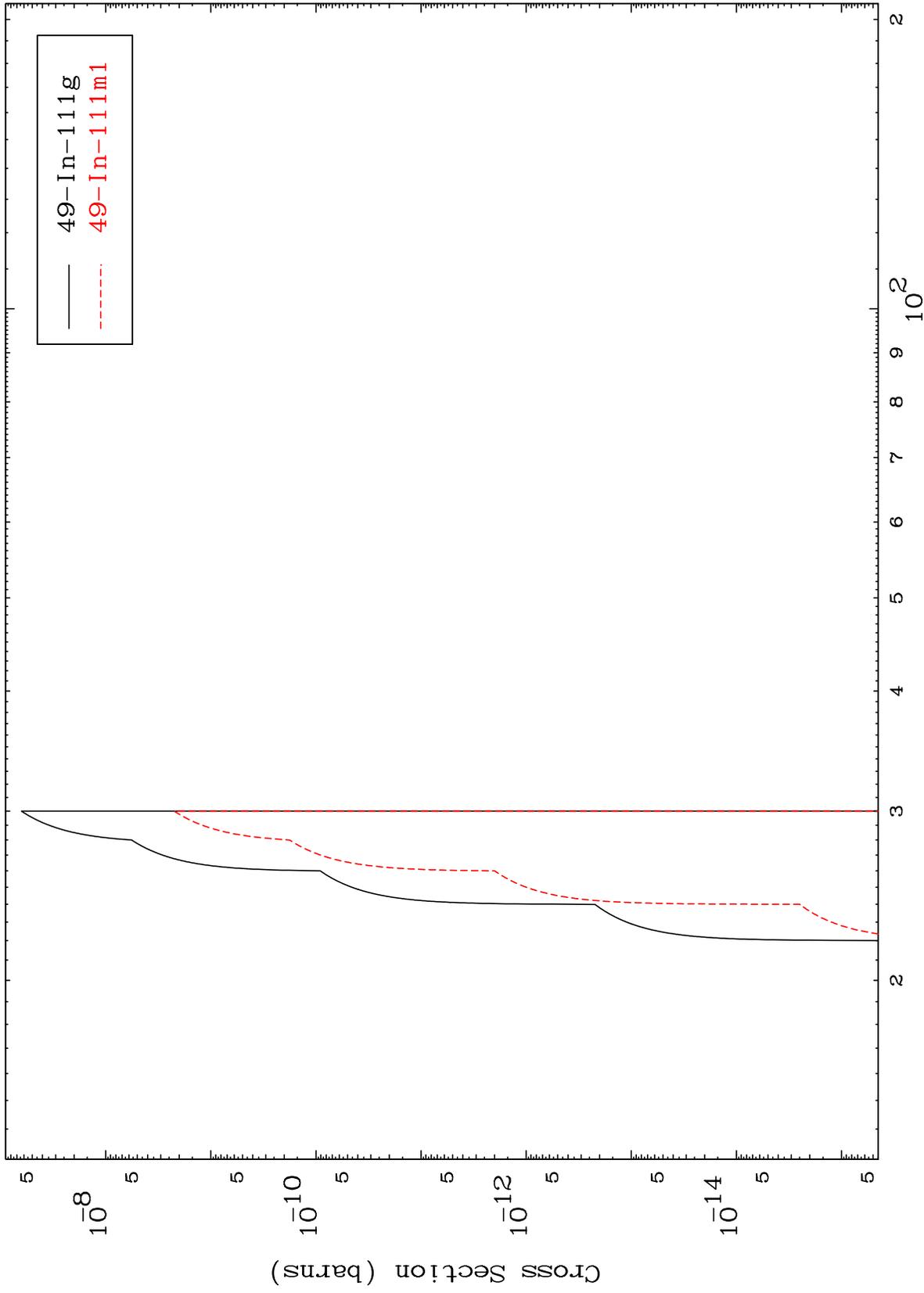
50-Sn-113

MAT 5028

(α, d) α

50-Sn-113

Radionuclide Production Cross Section



19

Incident Energy (MeV)

50-Sn-113