

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

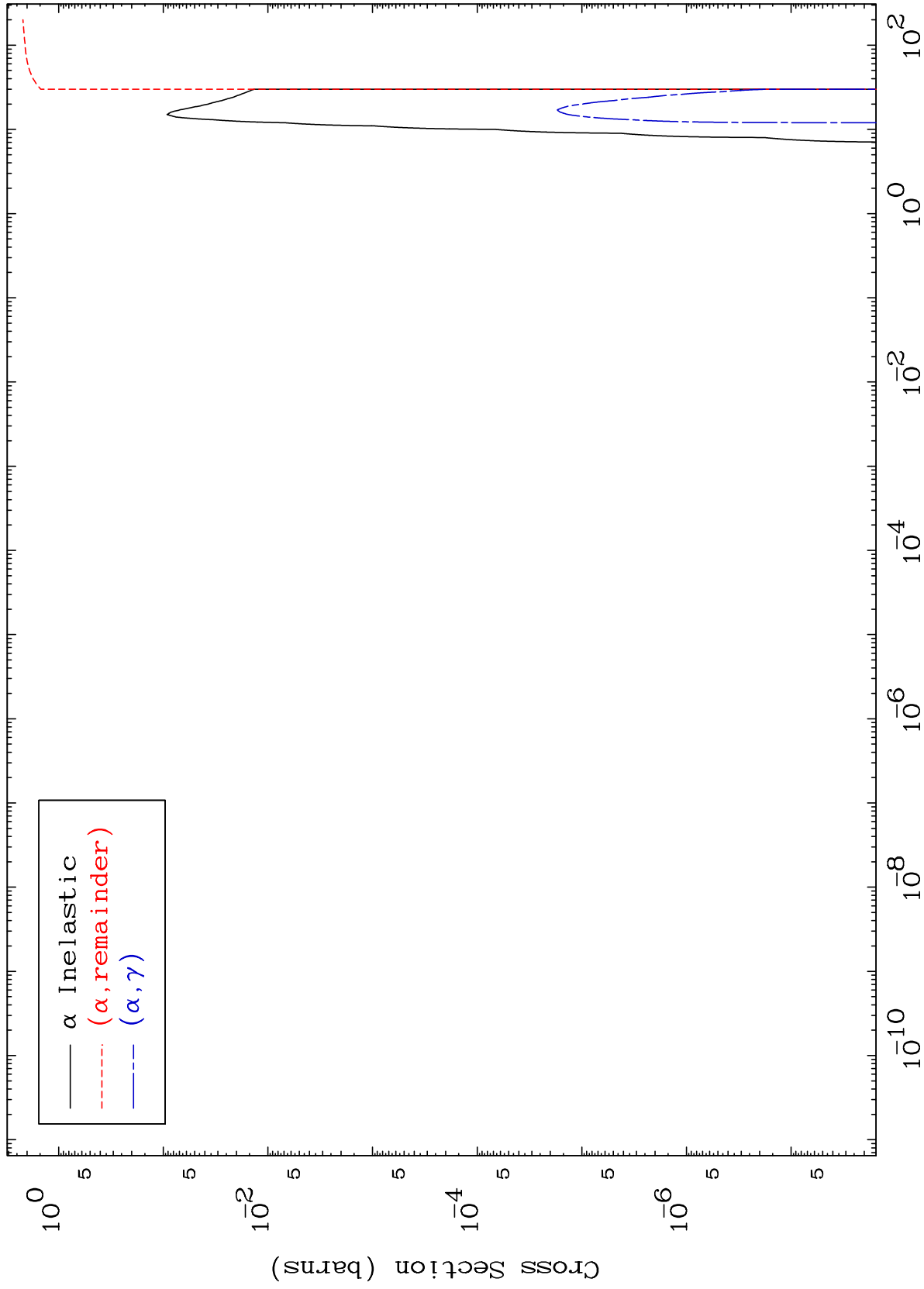
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4941

0 Kelvin α Major
Cross Sections

49-In-118



1

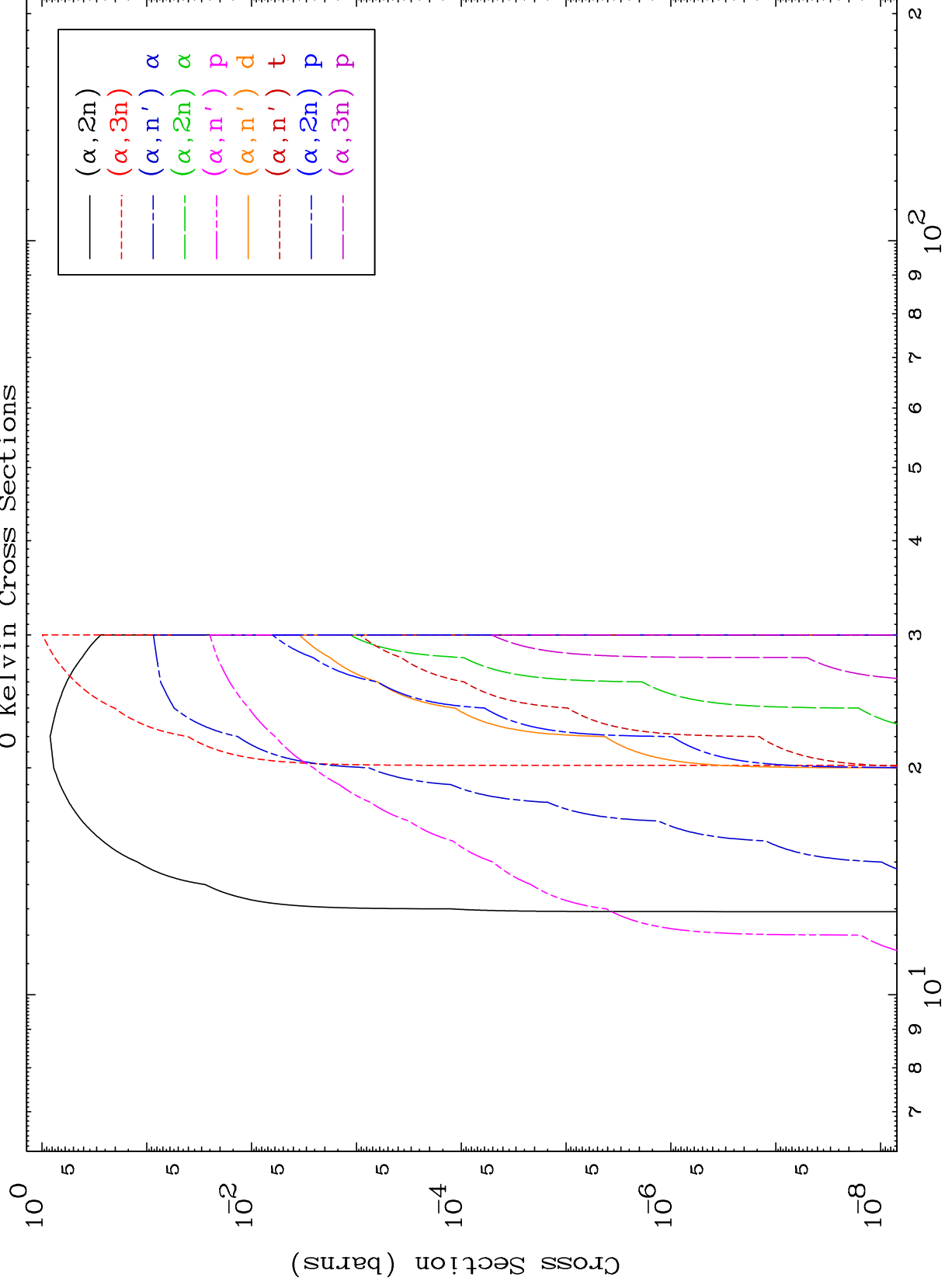
Incident Energy (MeV)

49-In-118

MAT 4941

α Neutron Production
0 Kelvin Cross Sections

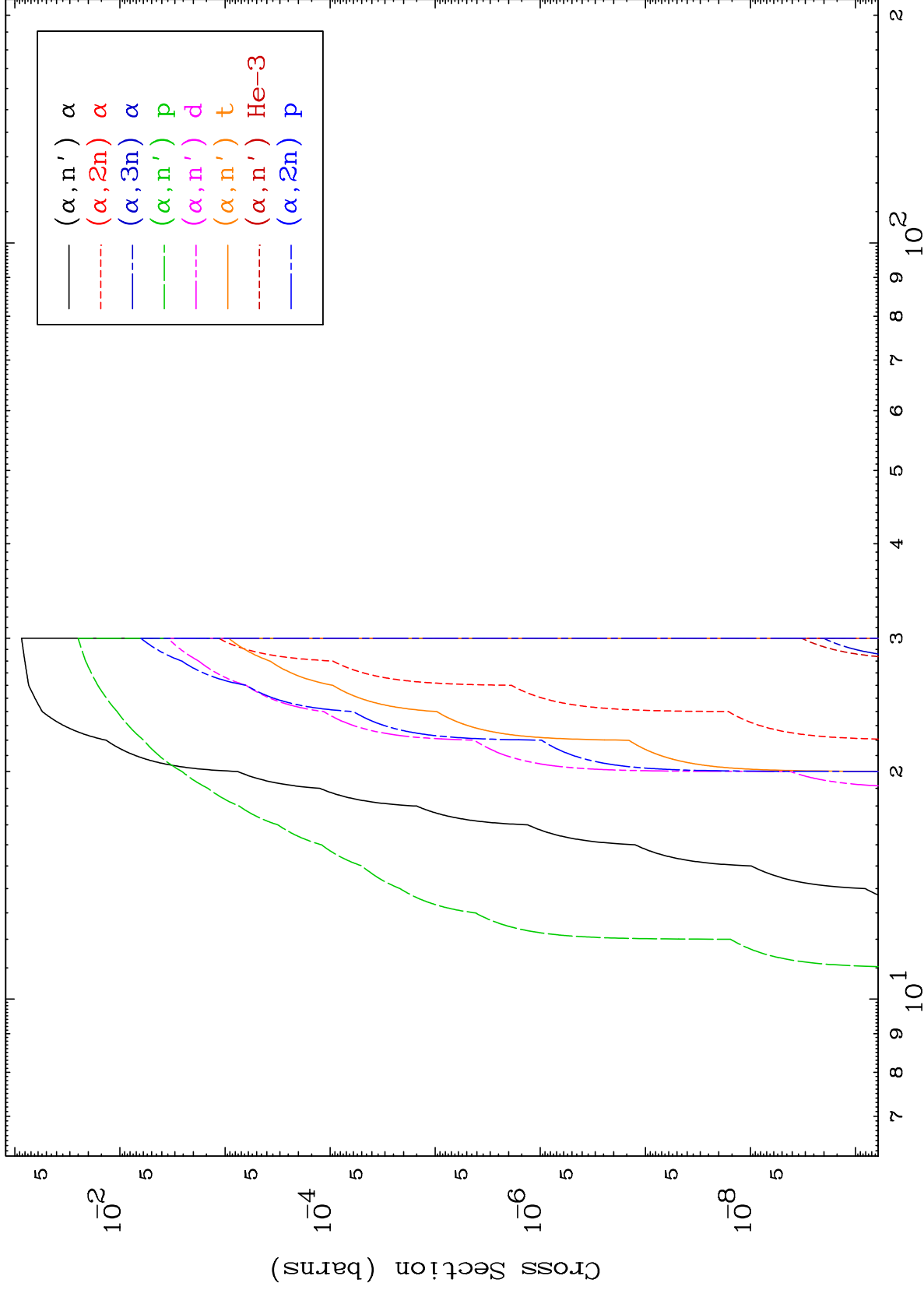
49-In-118

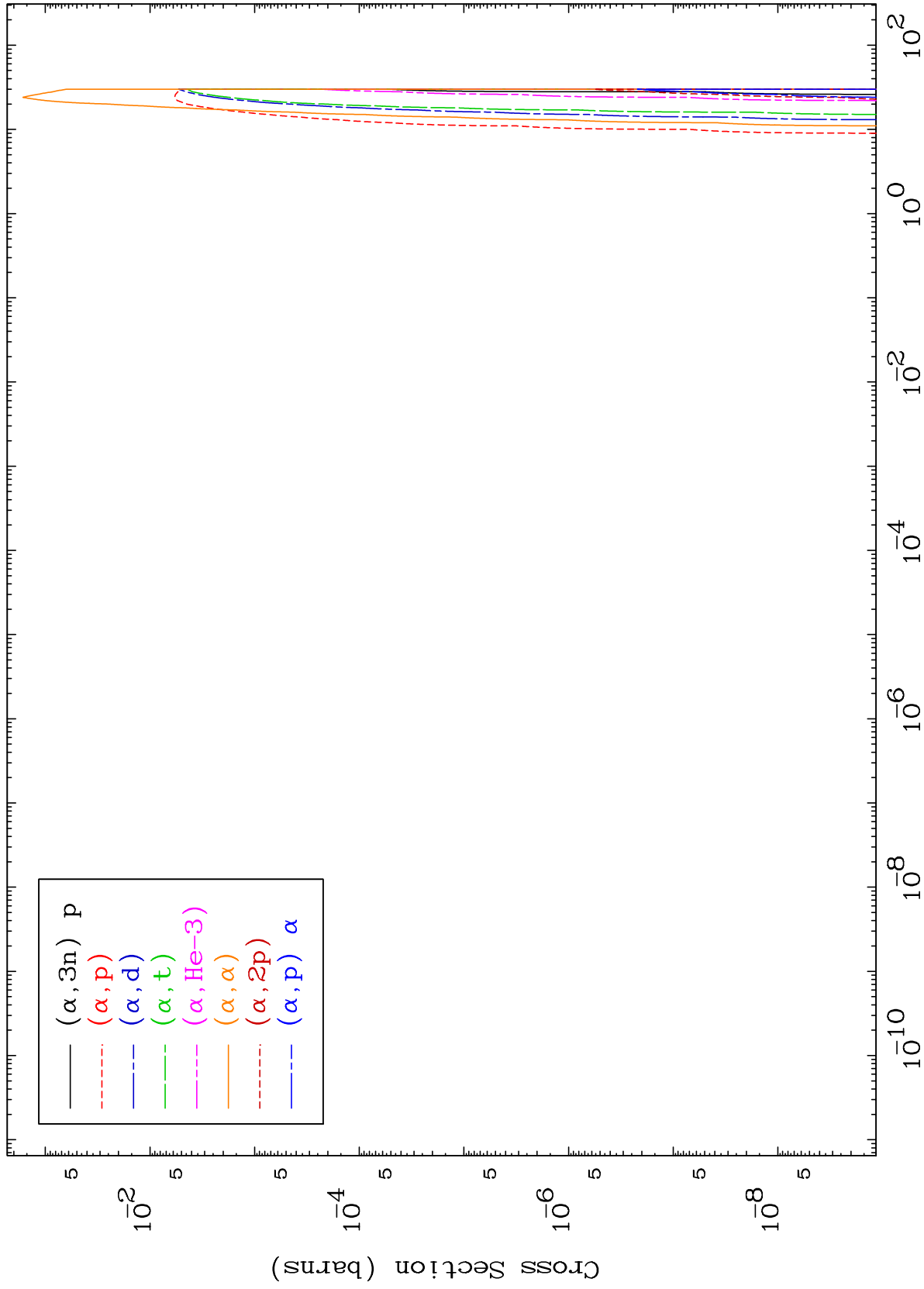


2

Incident Energy (MeV)

49-In-118

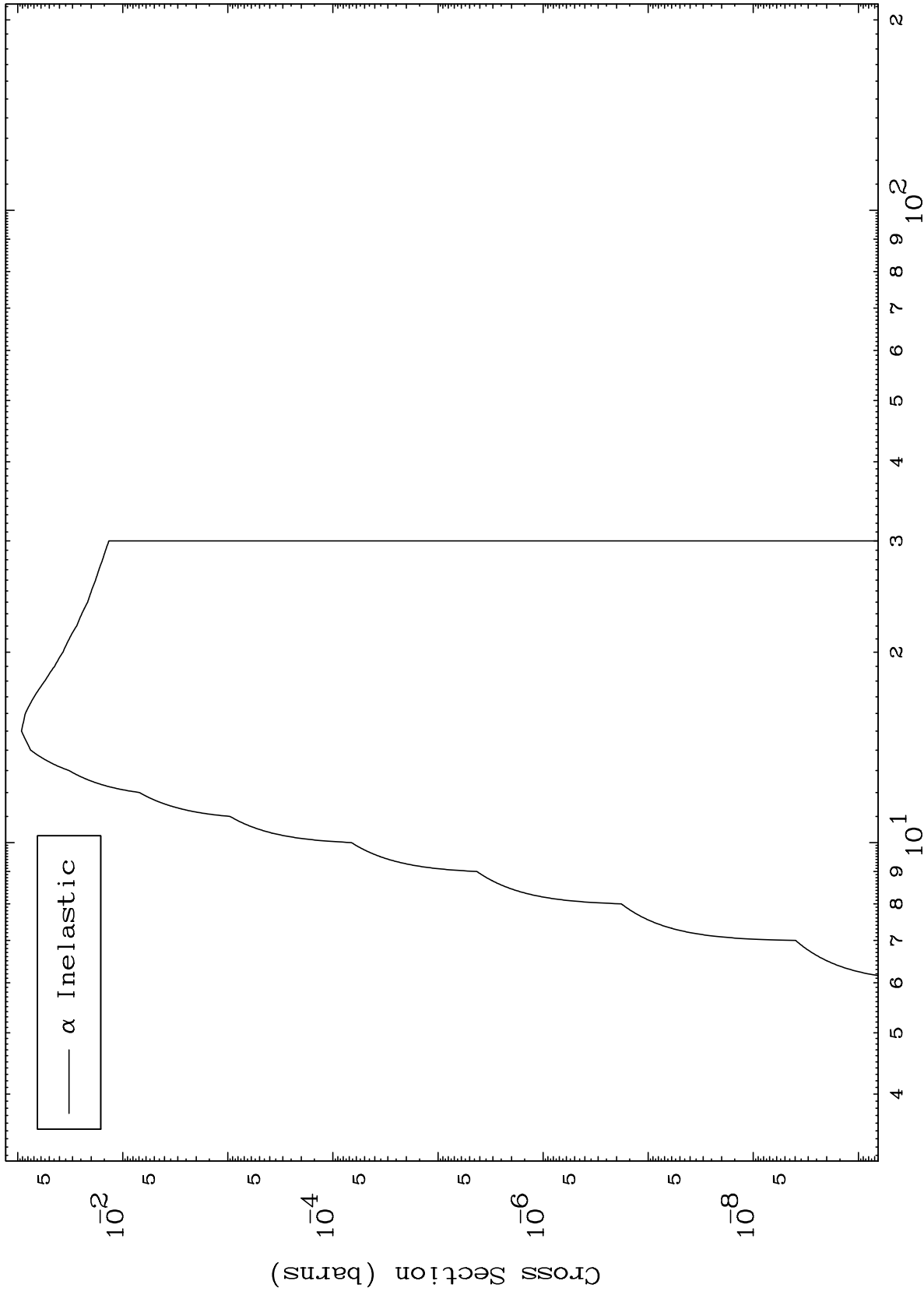




MAT 4941

(α, n') Level
0 Kelvin Cross Sections

49-In-118



5

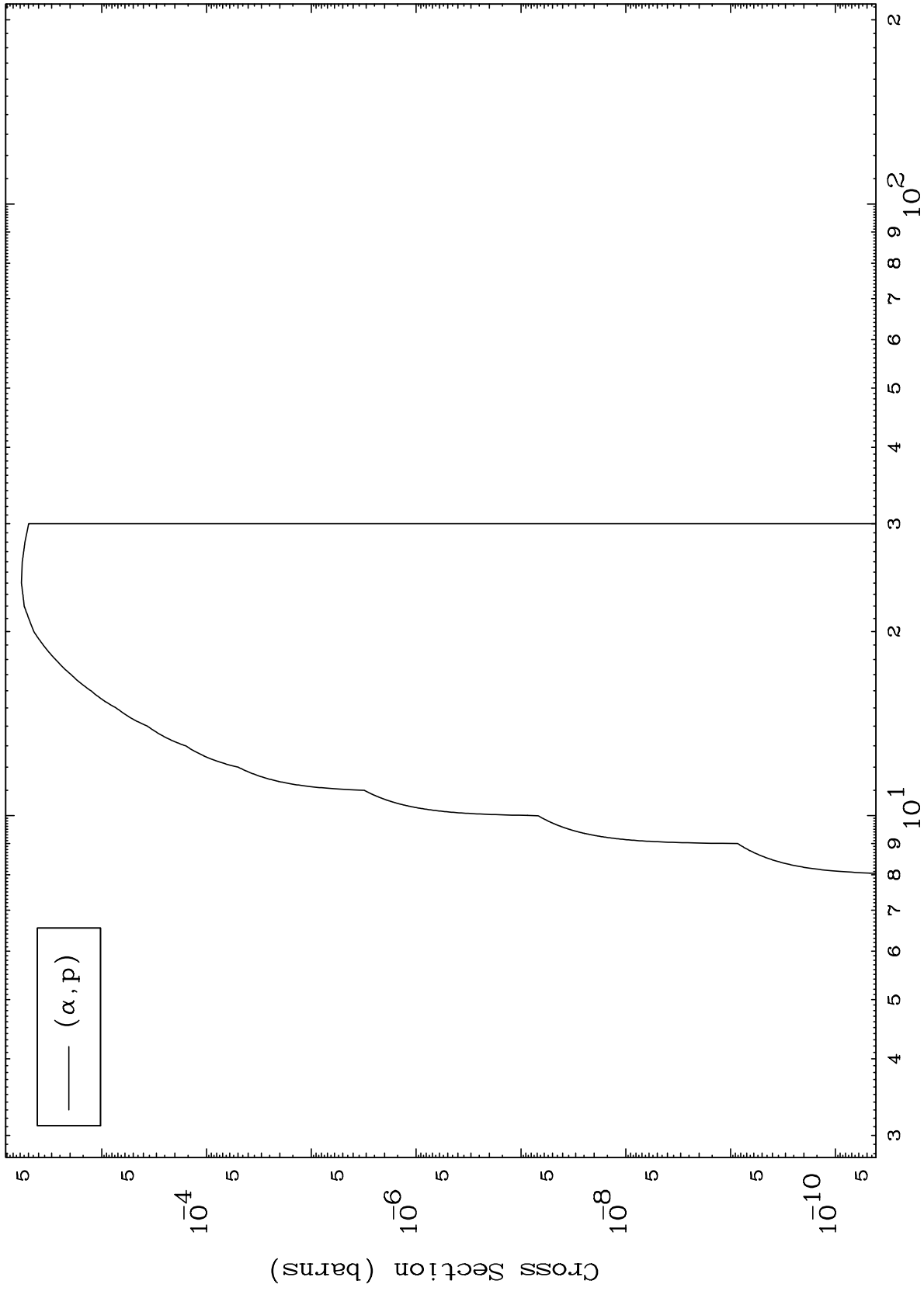
Incident Energy (MeV)

49-In-118

MAT 4941

(α, p) Levels
0 Kelvin Cross Sections

49-In-118



6

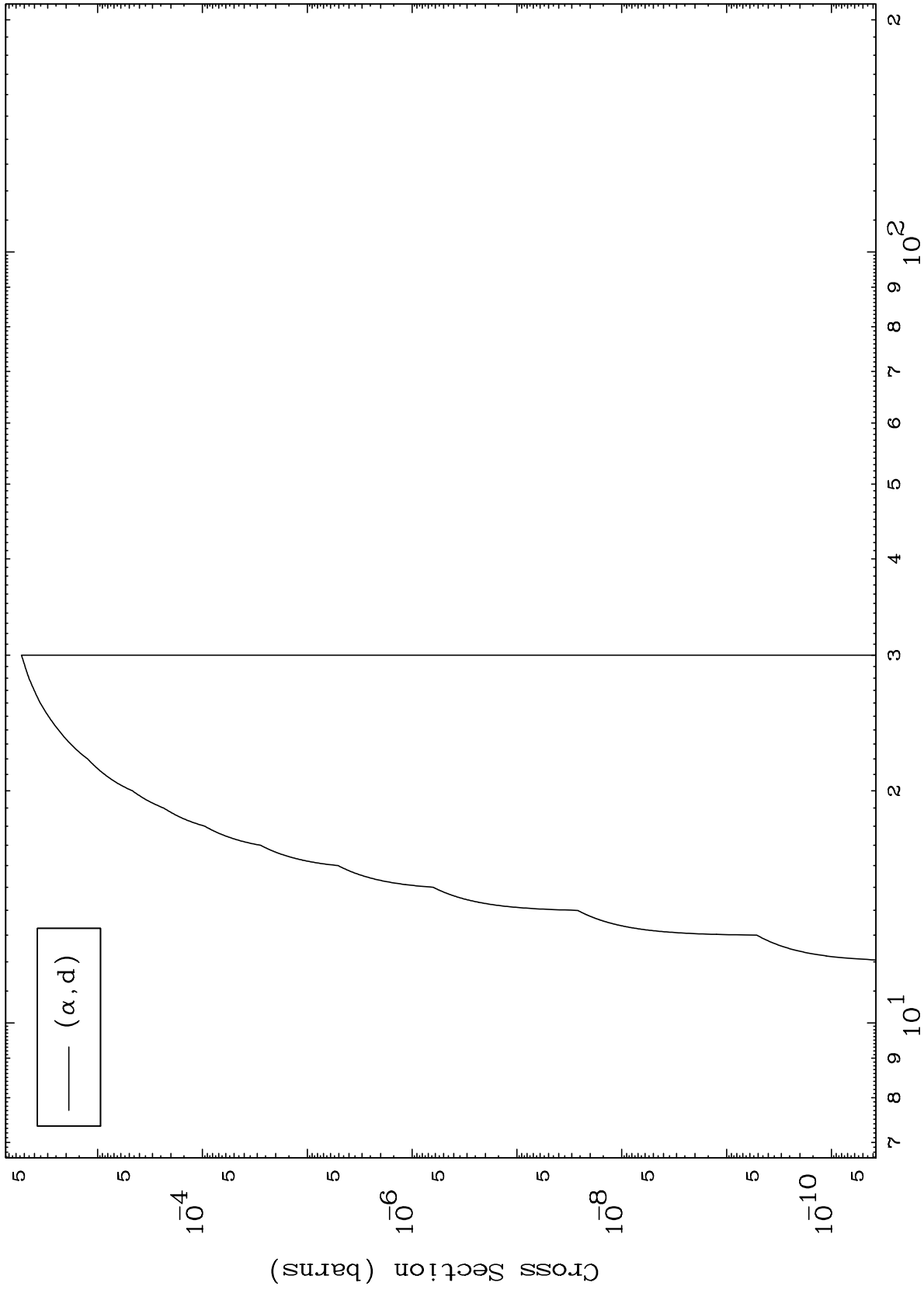
Incident Energy (MeV)

49-In-118

MAT 4941

(α, d) Levels
0 Kelvin Cross Sections

49-In-118



7

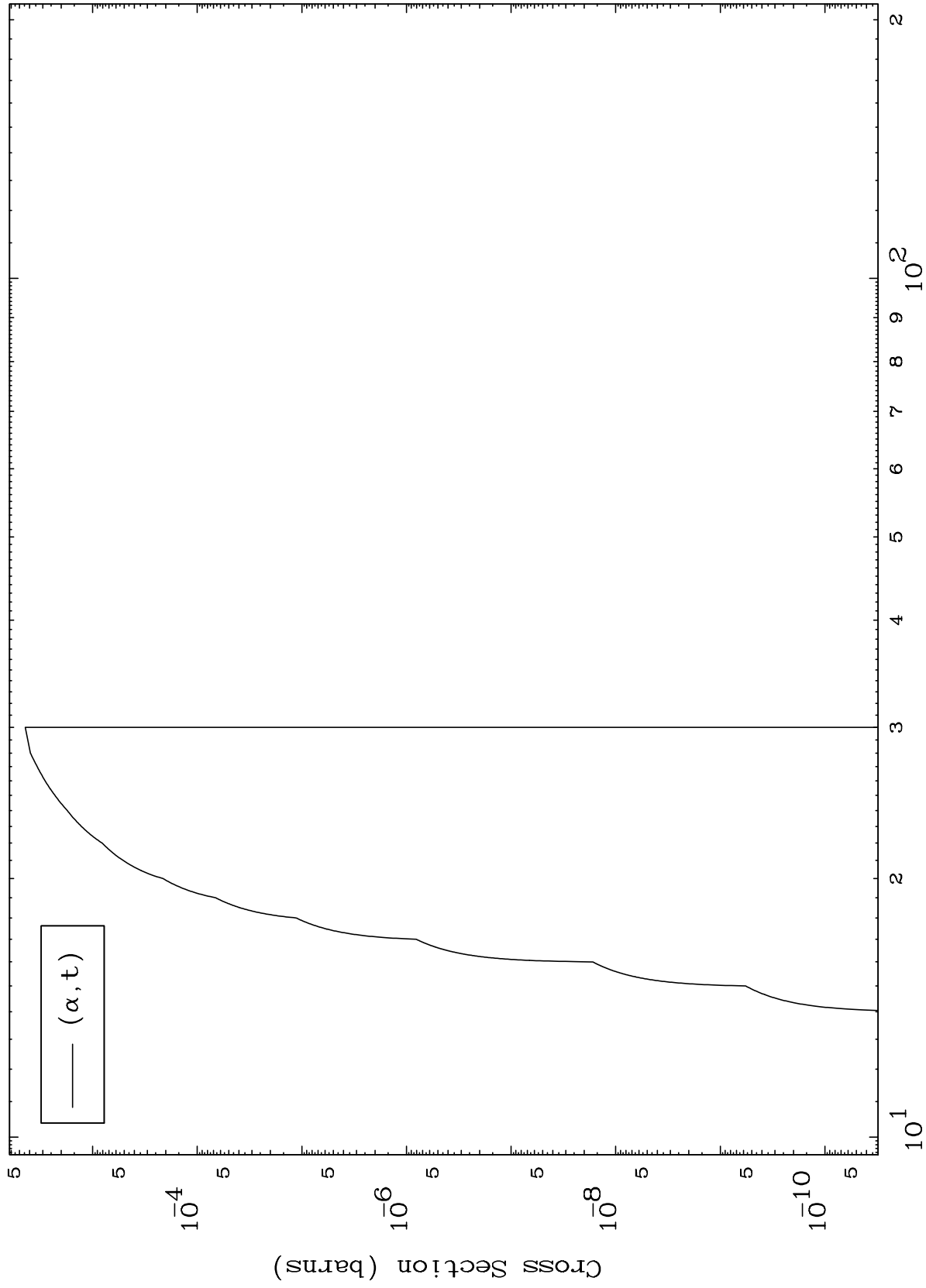
Incident Energy (MeV)

49-In-118

MAT 4941

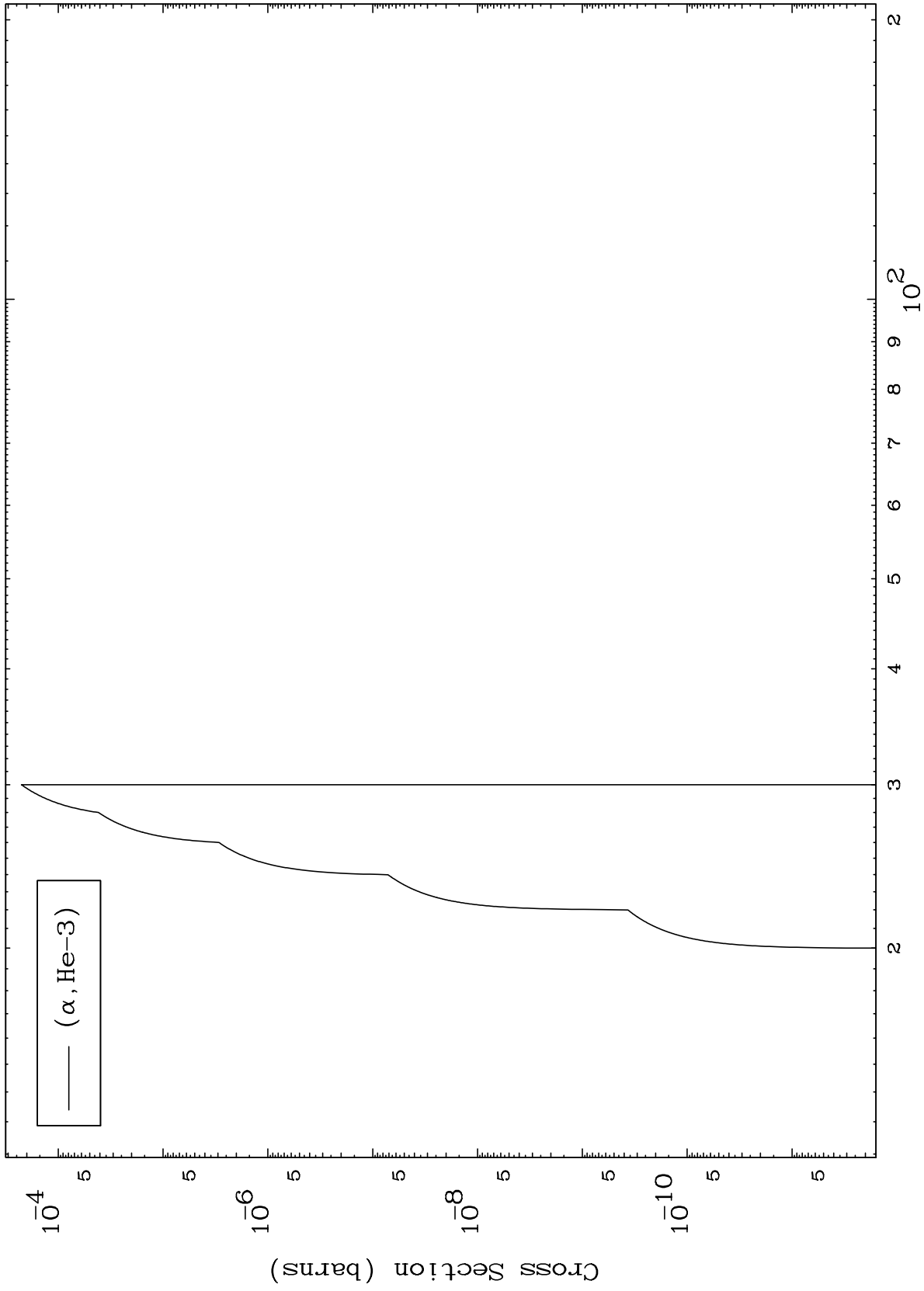
(α, t) Levels
0 Kelvin Cross Sections

49-In-118



Incident Energy (MeV)

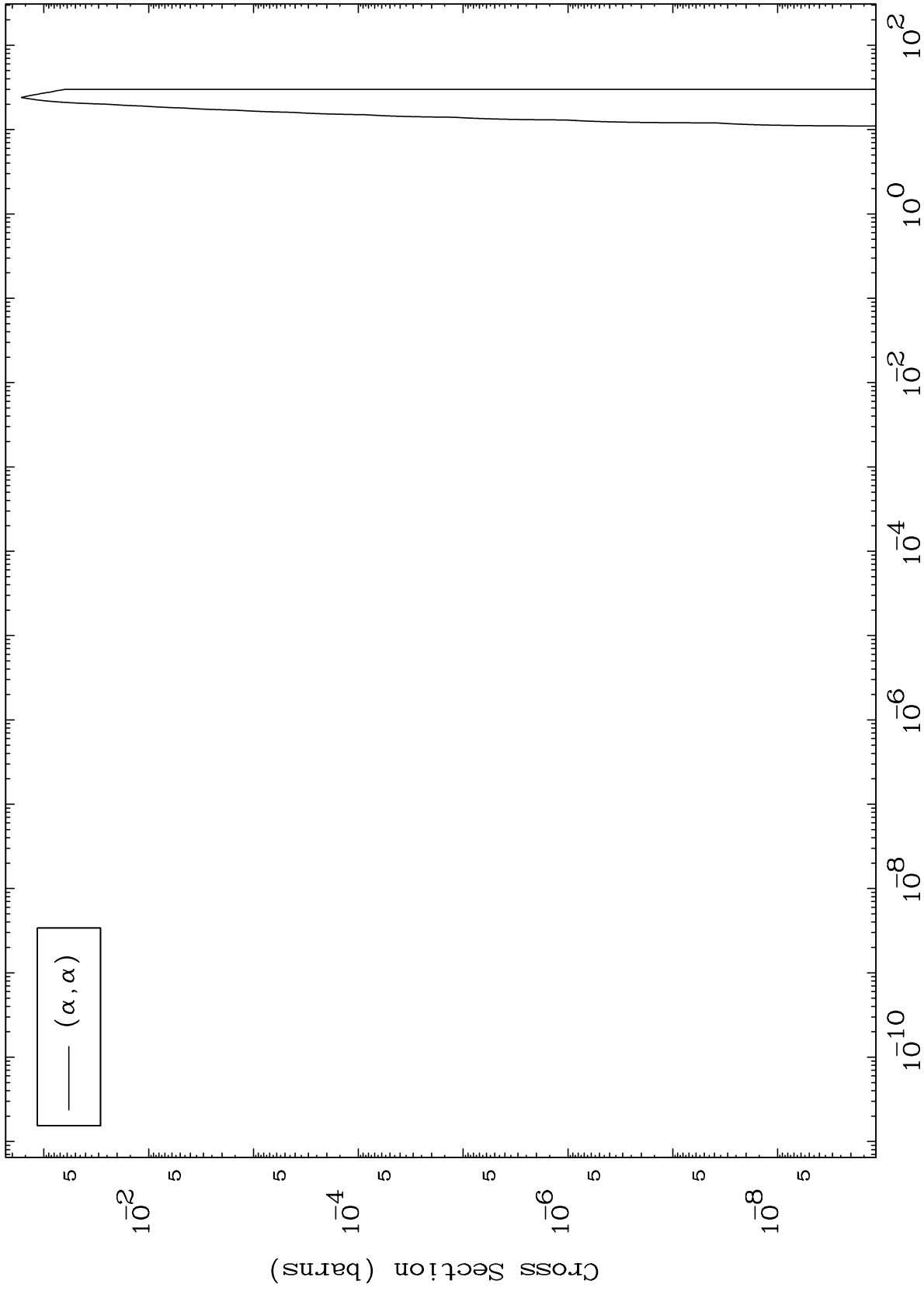
49-In-118



MAT 4941

(α, α) Levels
0 Kelvin Cross Sections

49-In-118



10

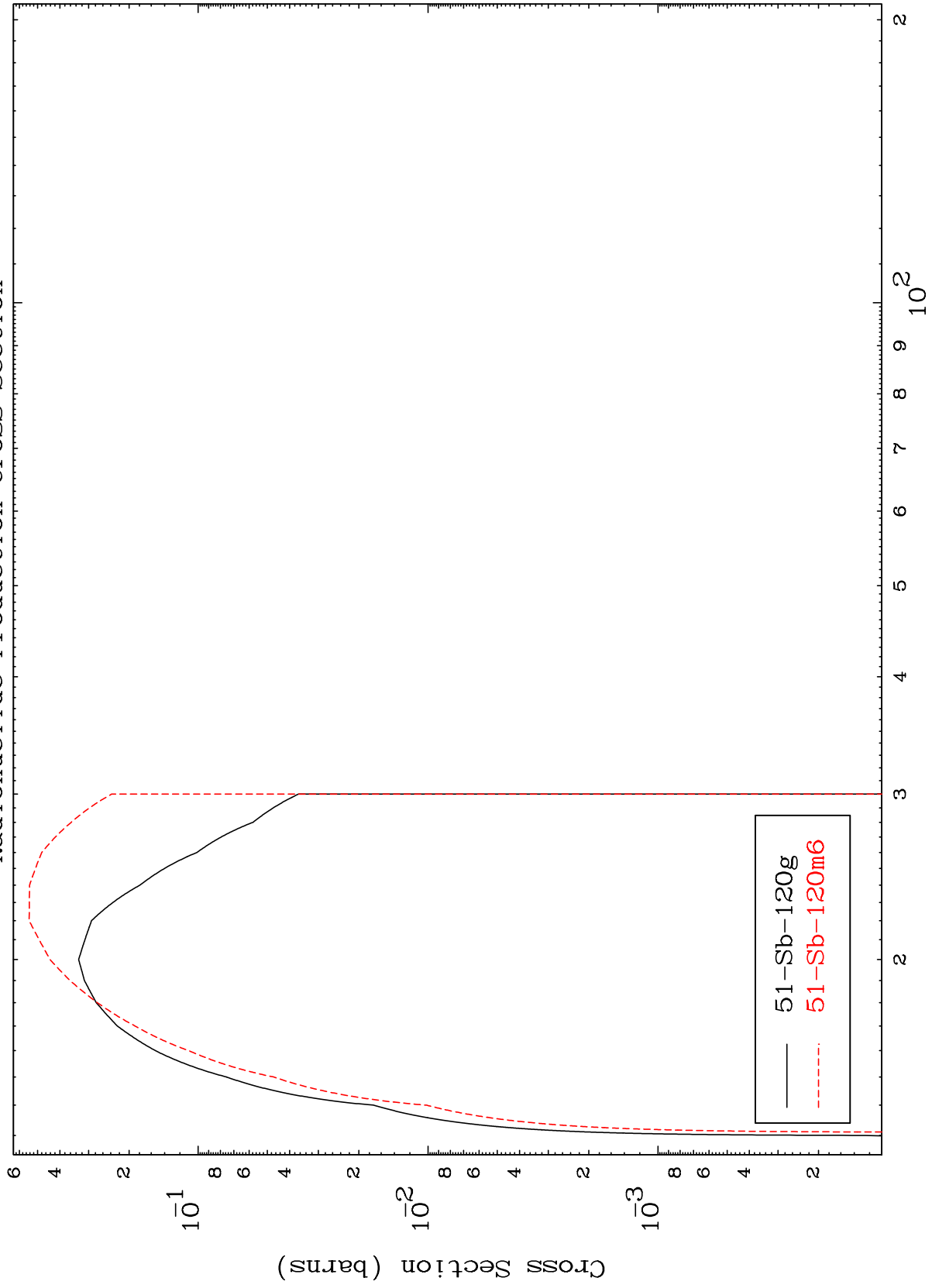
Incident Energy (MeV)

49-In-118

MAT 4941

49-In-118

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



11

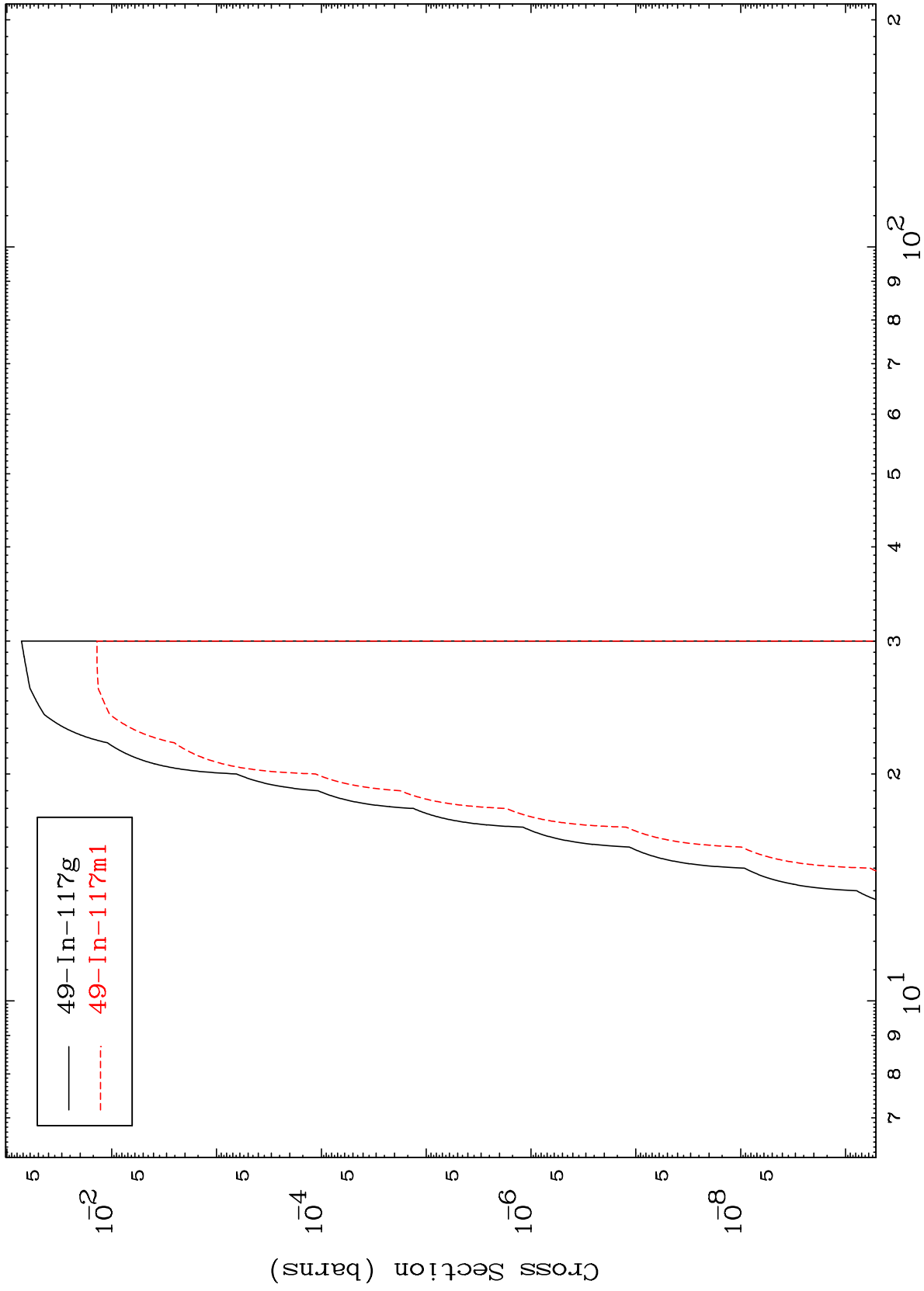
49-In-118

Incident Energy (MeV)

MAT 4941

49-In-118

(α, n') α
Radionuclide Production Cross Section



12

Incident Energy (MeV)

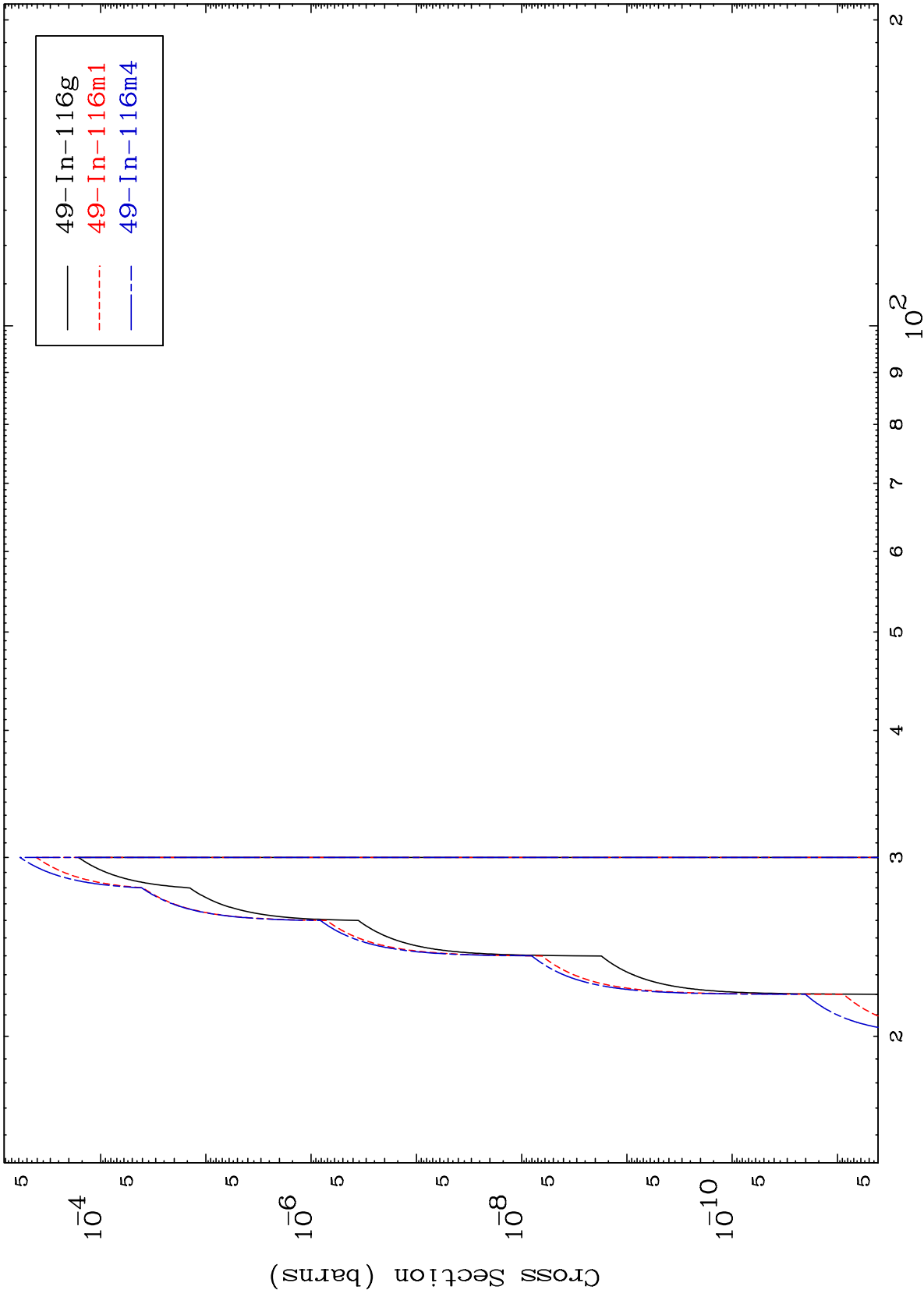
49-In-118

MAT 4941

($\alpha, 2n$) α

49-In-118

Radionuclide Production Cross Section



13

Incident Energy (MeV)

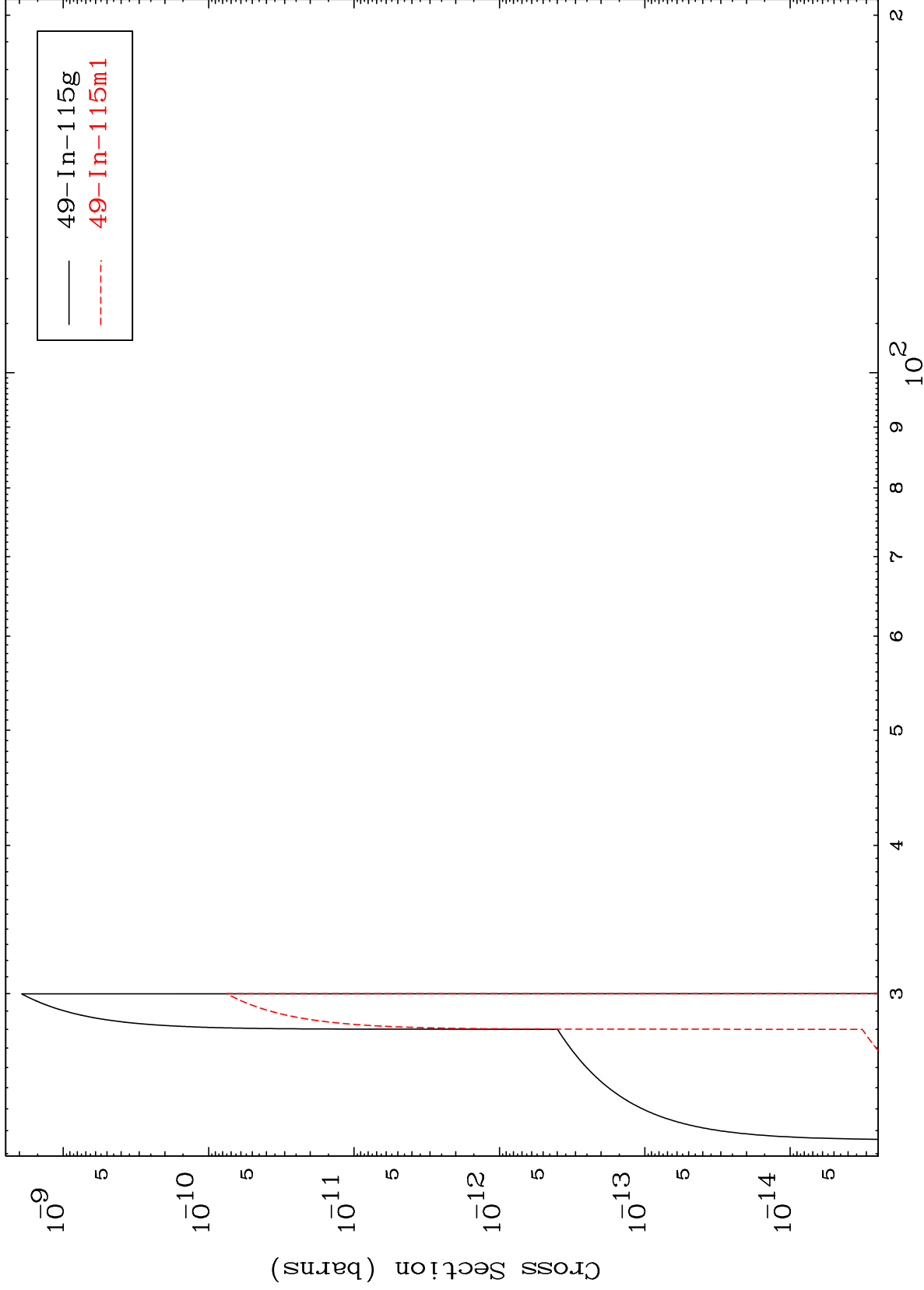
49-In-118

MAT 4941

($\alpha, 3n$) α

49-In-118

Radionuclide Production Cross Section



14

Incident Energy (MeV)

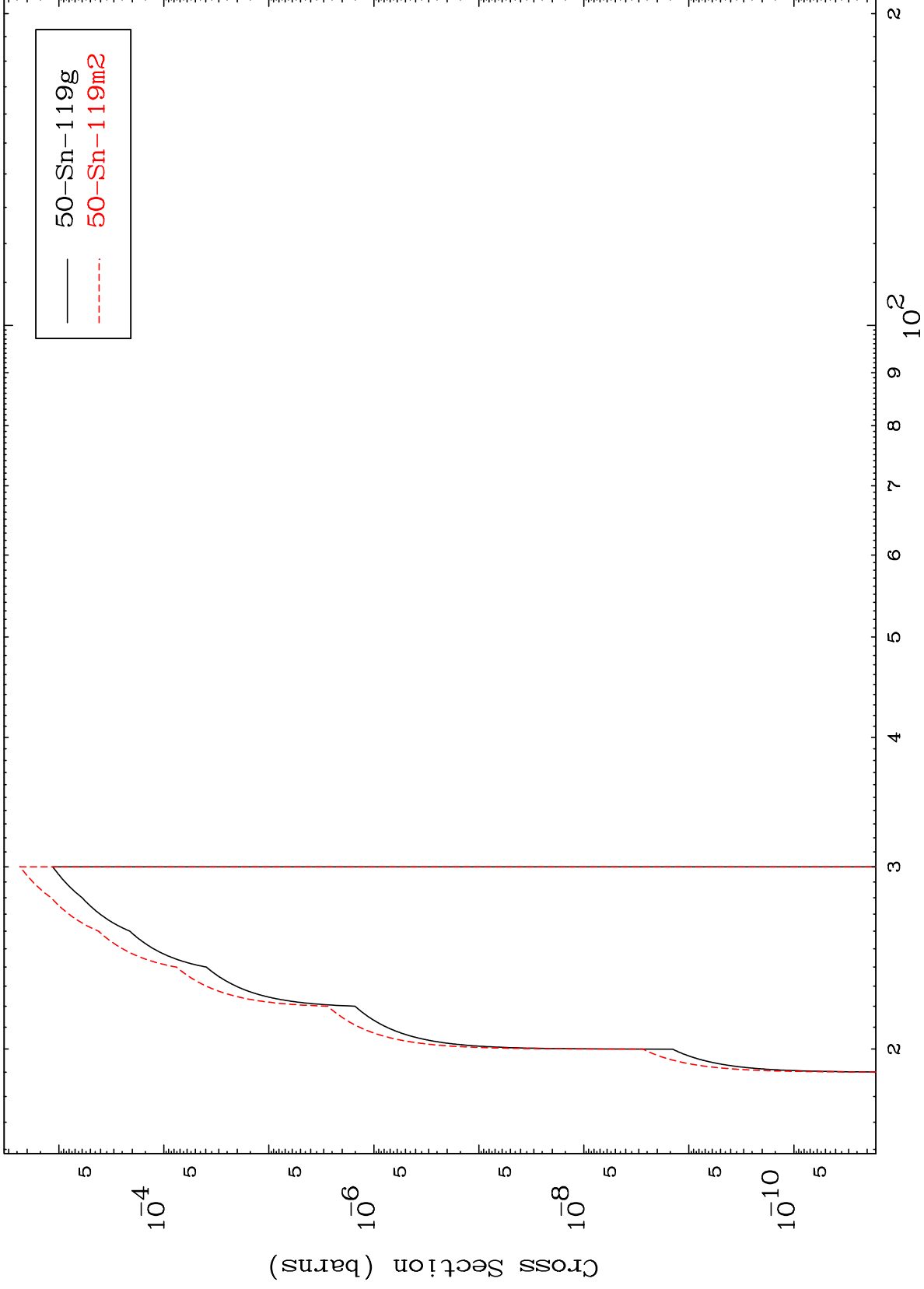
49-In-118

MAT 4941

(α, n') d

49-In-118

Radionuclide Production Cross Section



15

Incident Energy (MeV)

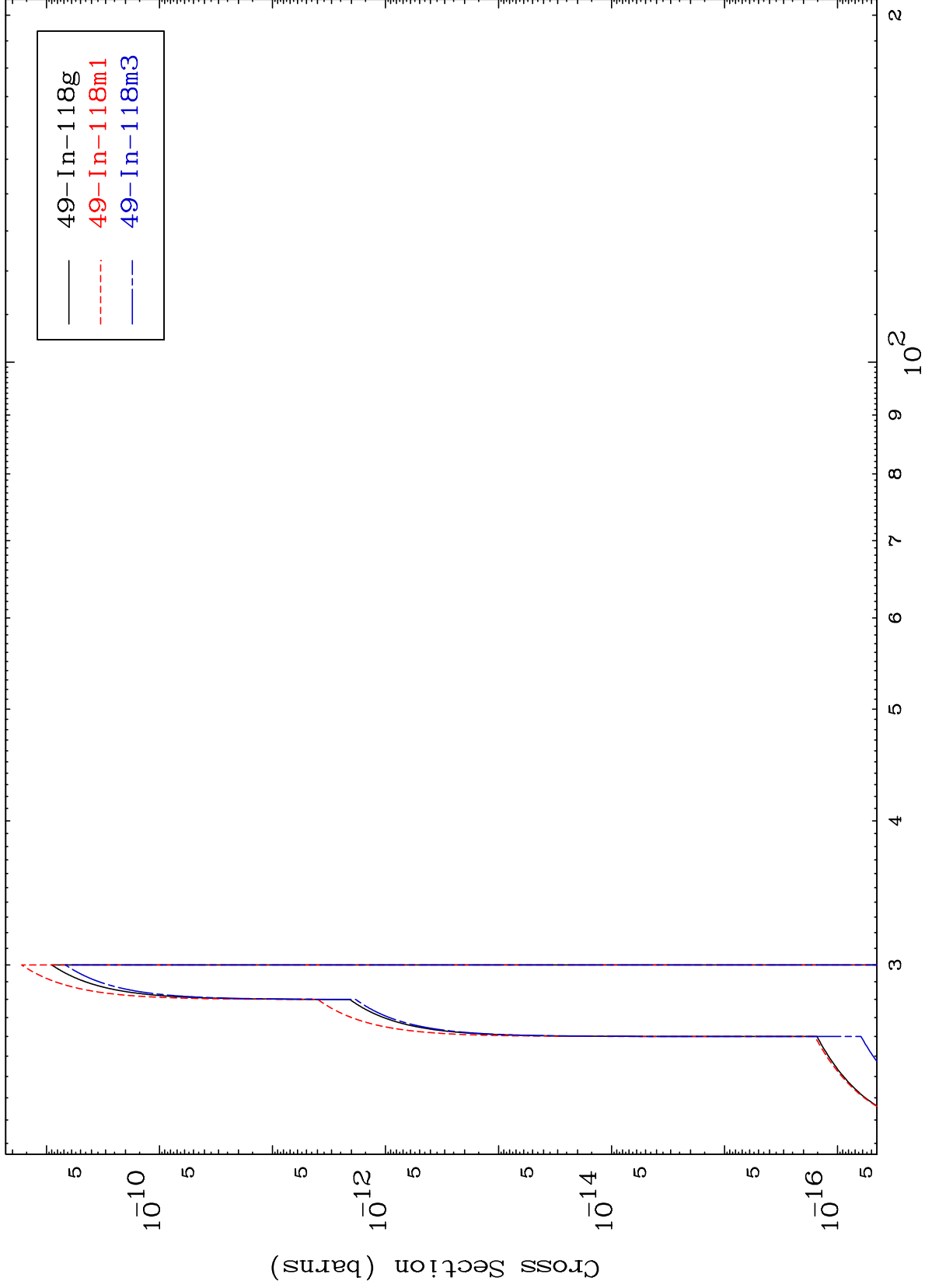
49-In-118

MAT 4941

(α, n') He-3

49-In-118

Radionuclide Production Cross Section



16

Incident Energy (MeV)

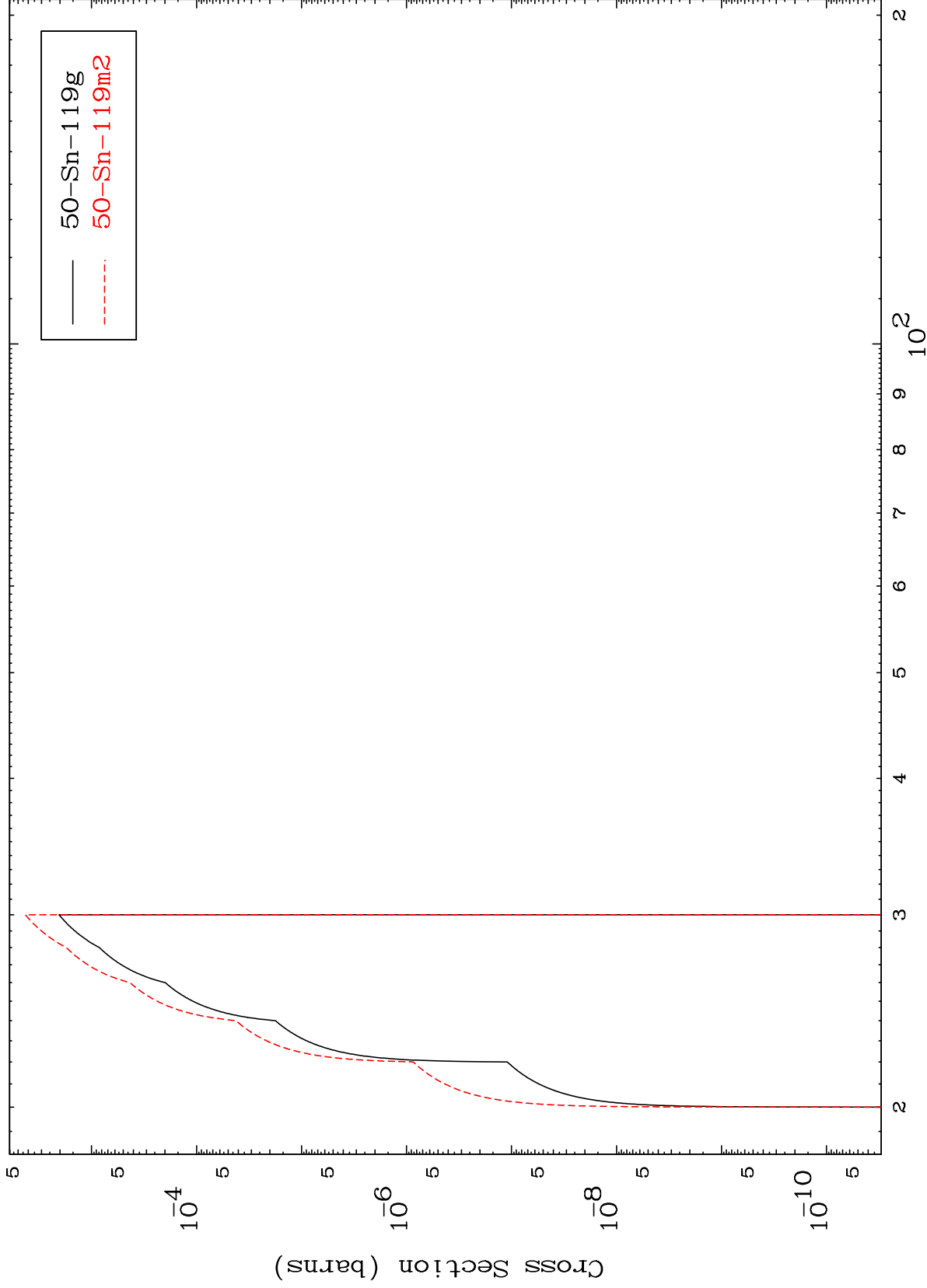
49-In-118

MAT 4941

($\alpha, 2n$) p

49-In-118

Radionuclide Production Cross Section



17

Incident Energy (MeV)

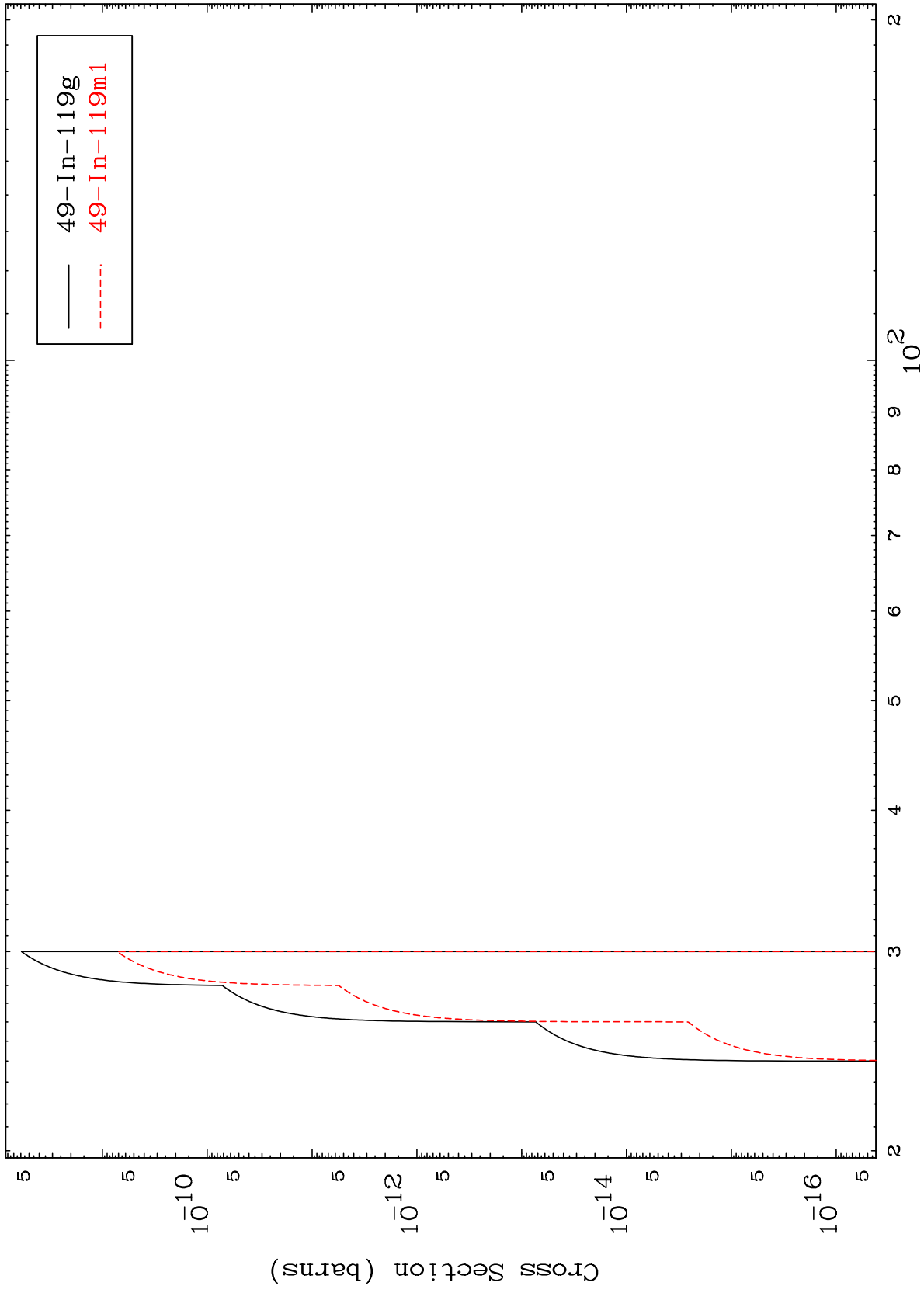
49-In-118

MAT 4941

($\alpha, 2n$) p

49-In-118

Radionuclide Production Cross Section



18

Incident Energy (MeV)

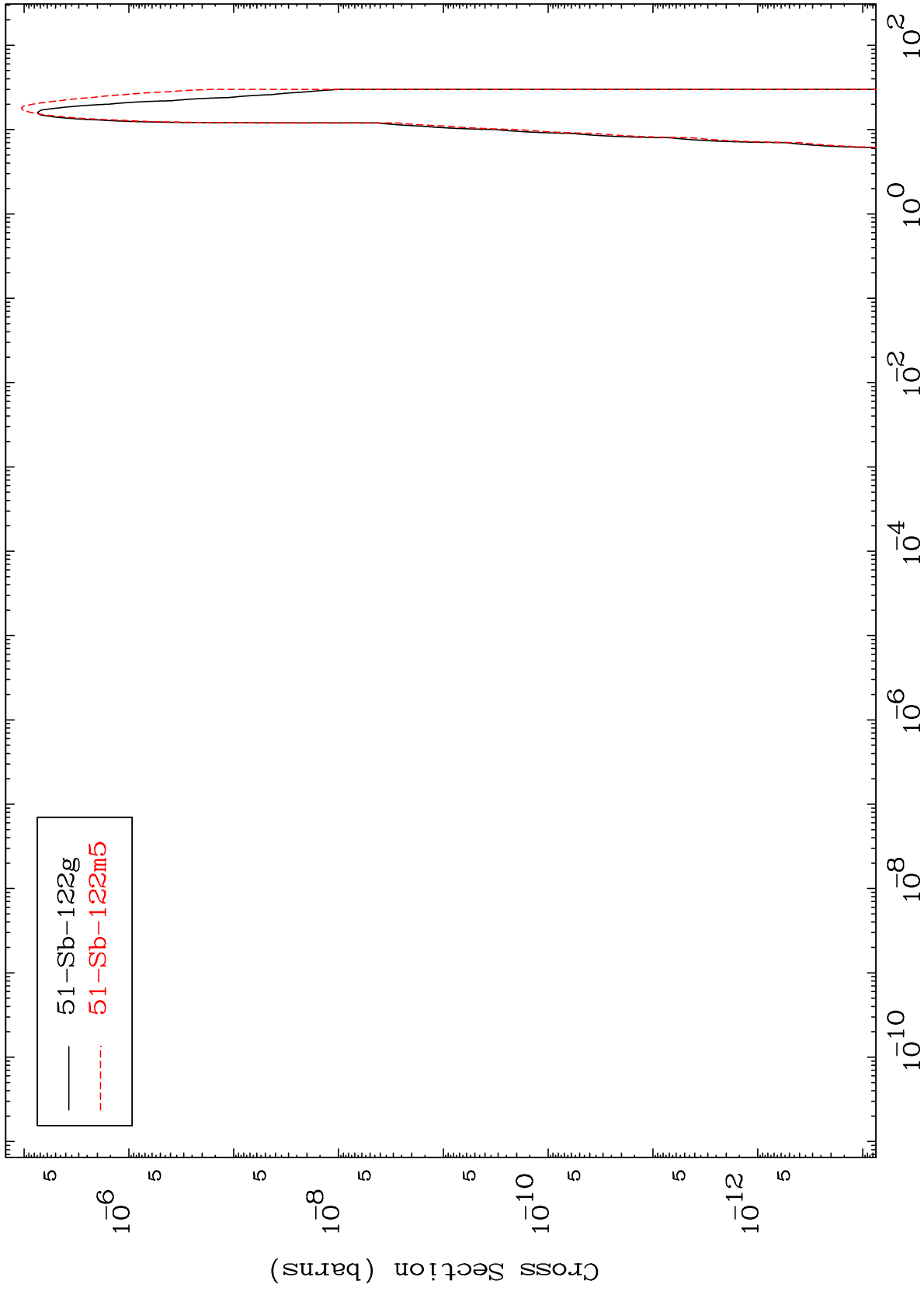
49-In-118

MAT 4941

(α, γ)

49-In-118

Radionuclide Production Cross Section



19

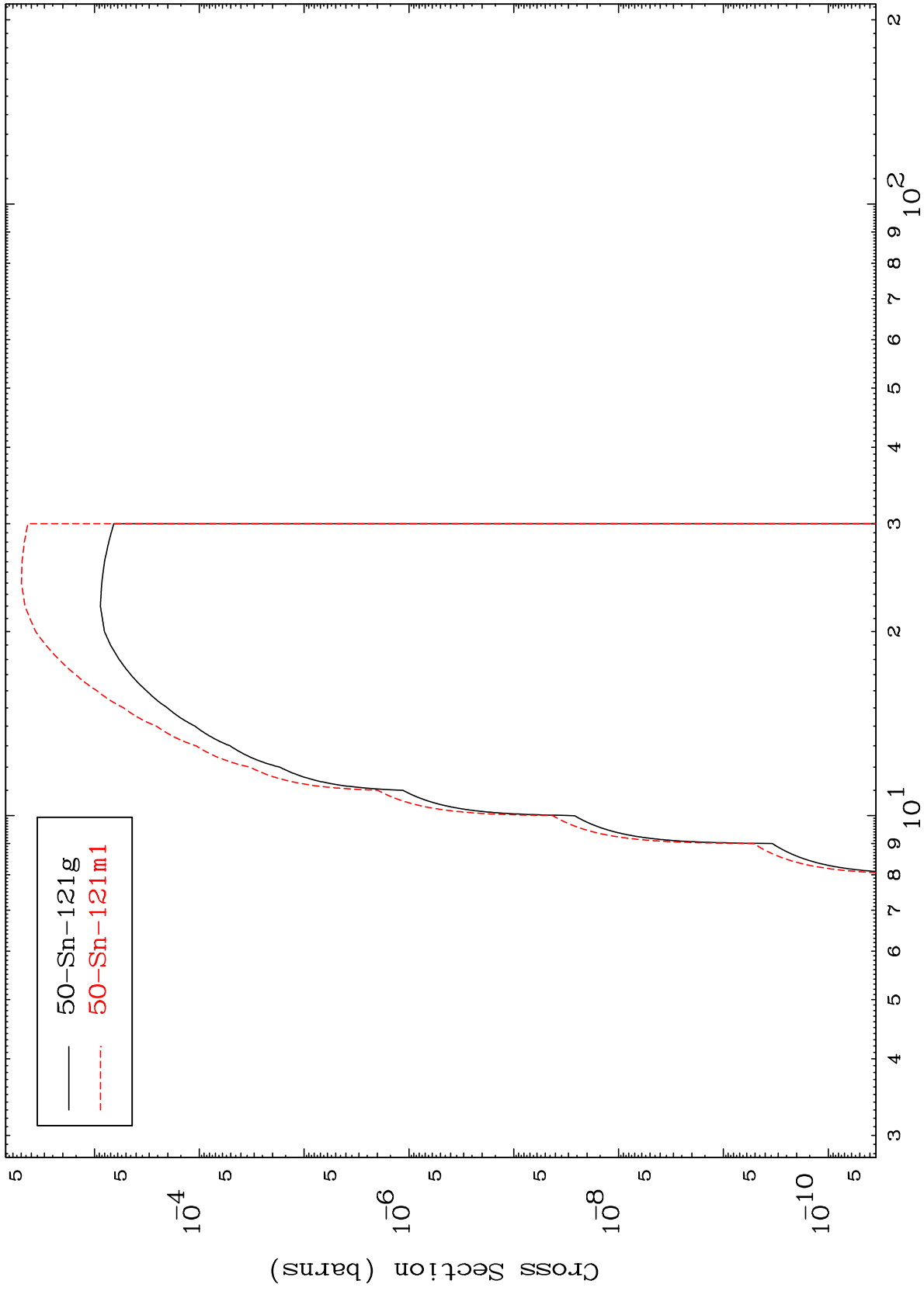
Incident Energy (MeV)

49-In-118

MAT 4941

49-In-118

(α, p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

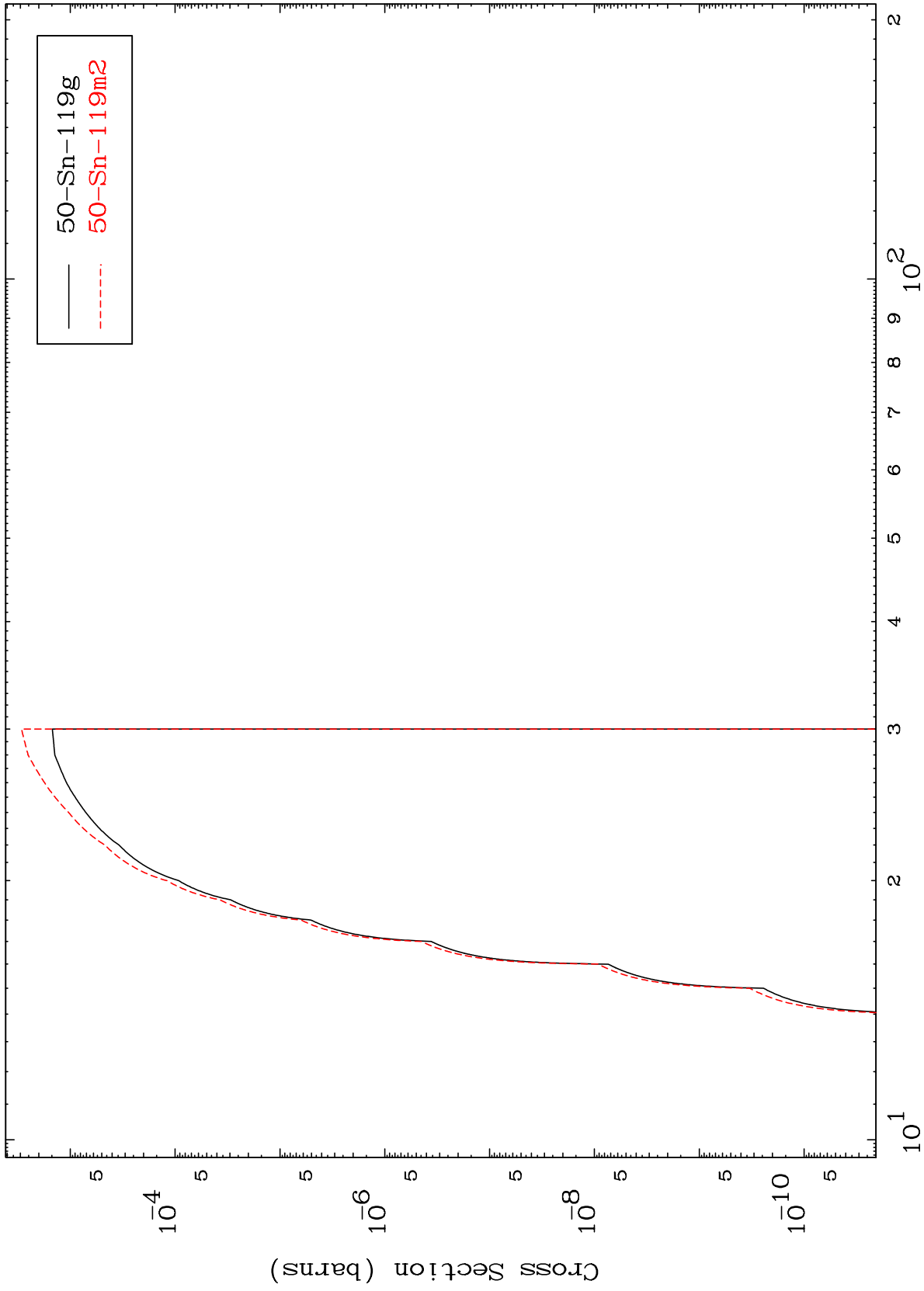
49-In-118

MAT 4941

(α, t)

49-In-118

Radionuclide Production Cross Section



21

Incident Energy (MeV)

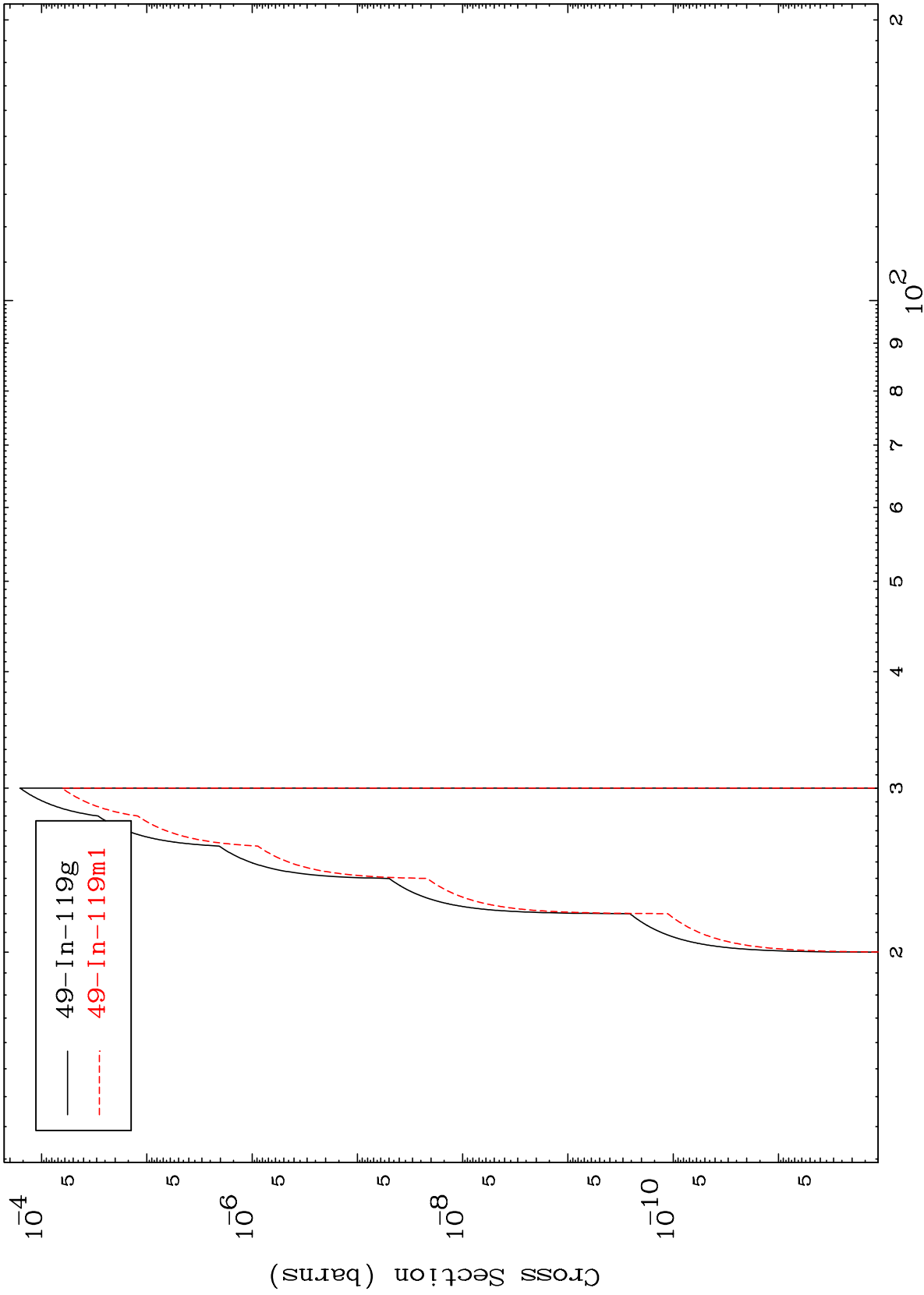
49-In-118

MAT 4941

($\alpha, \text{He-3}$)

49-In-118

Radionuclide Production Cross Section



22

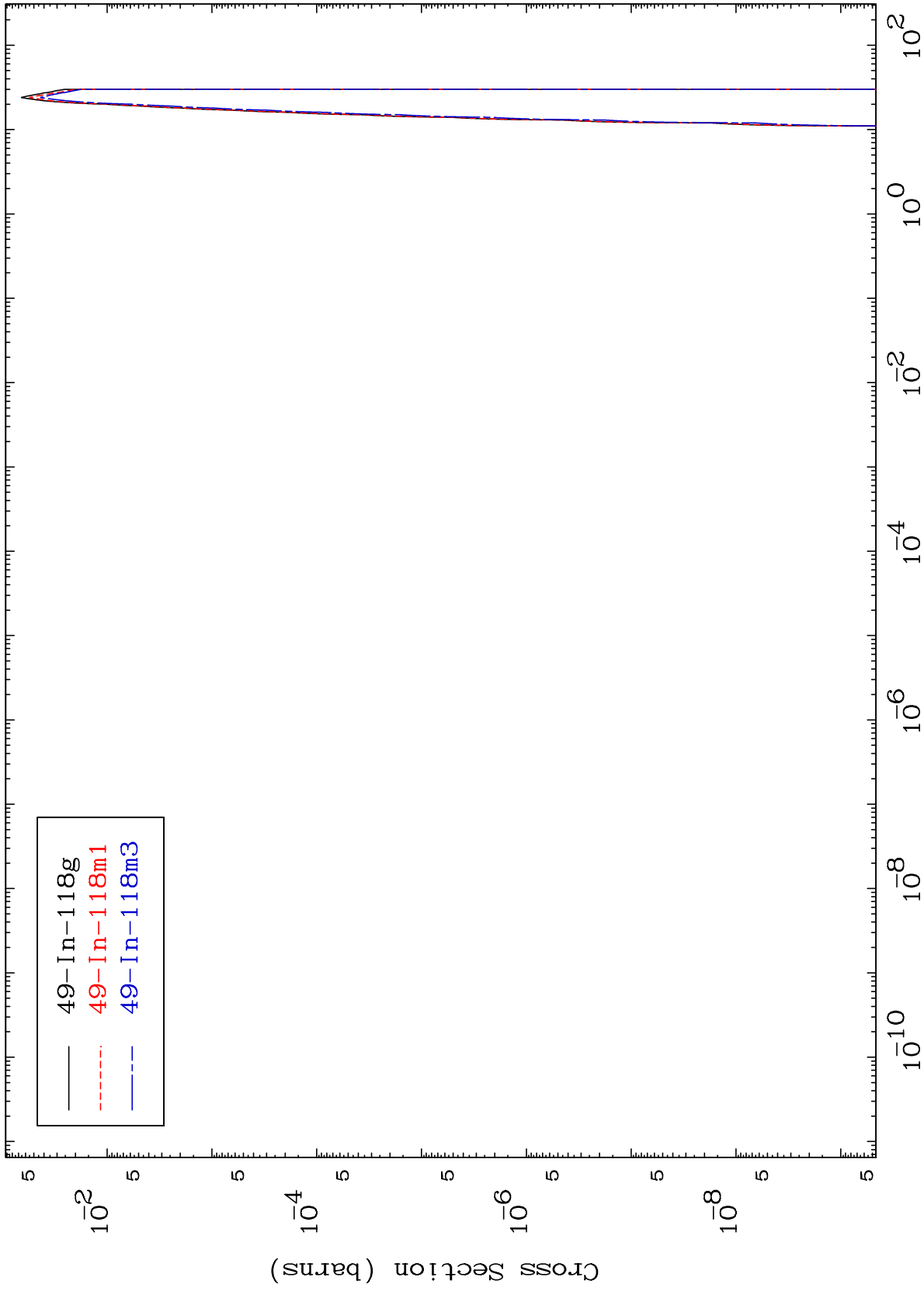
49-In-118

MAT 4941

(α, α)

49-In-118

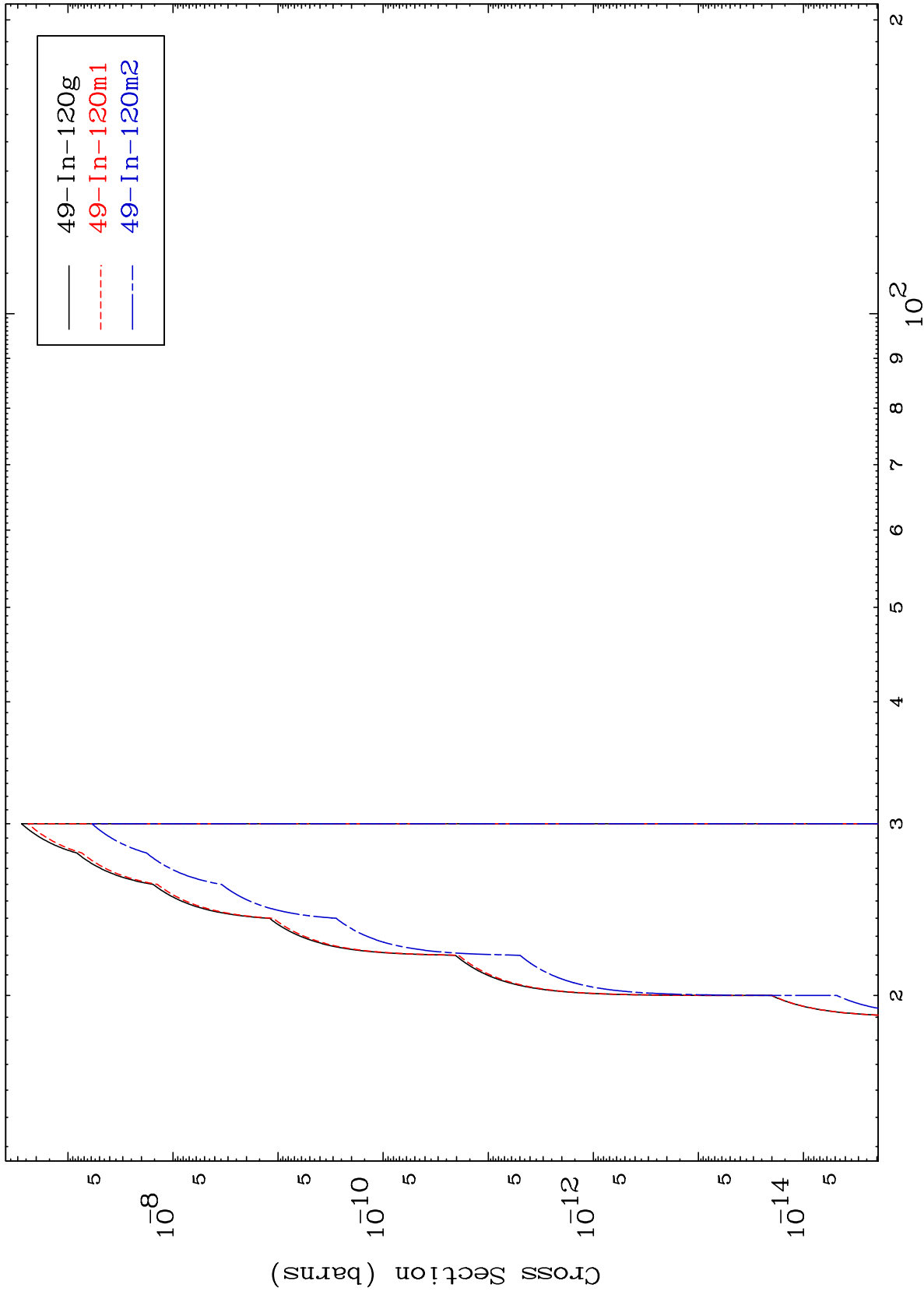
Radionuclide Production Cross Section



MAT 4941

49-In-118

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



24

Incident Energy (MeV)

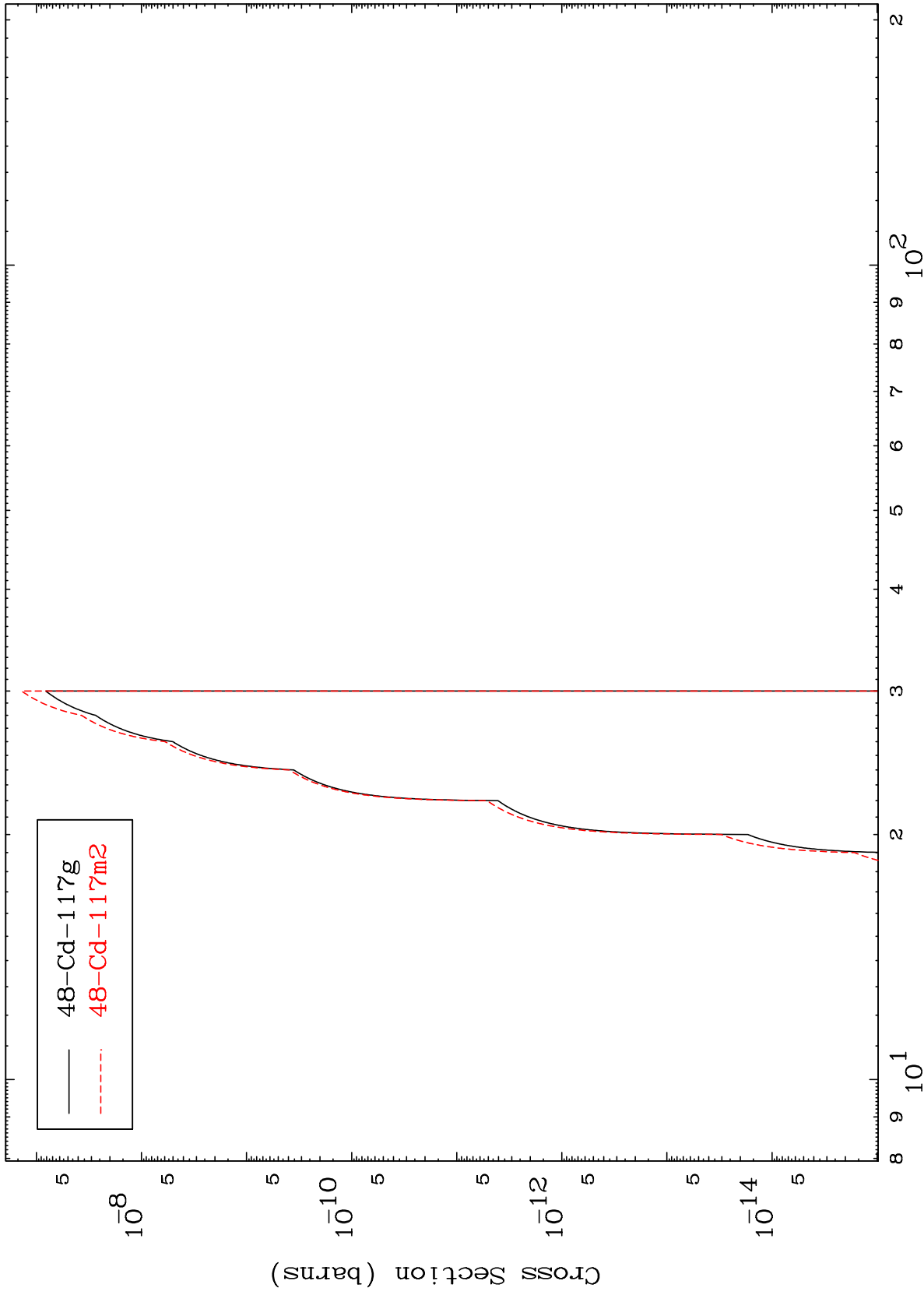
49-In-118

MAT 4941

(α, p) α

49-In-118

Radionuclide Production Cross Section



25

Incident Energy (MeV)

49-In-118