

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

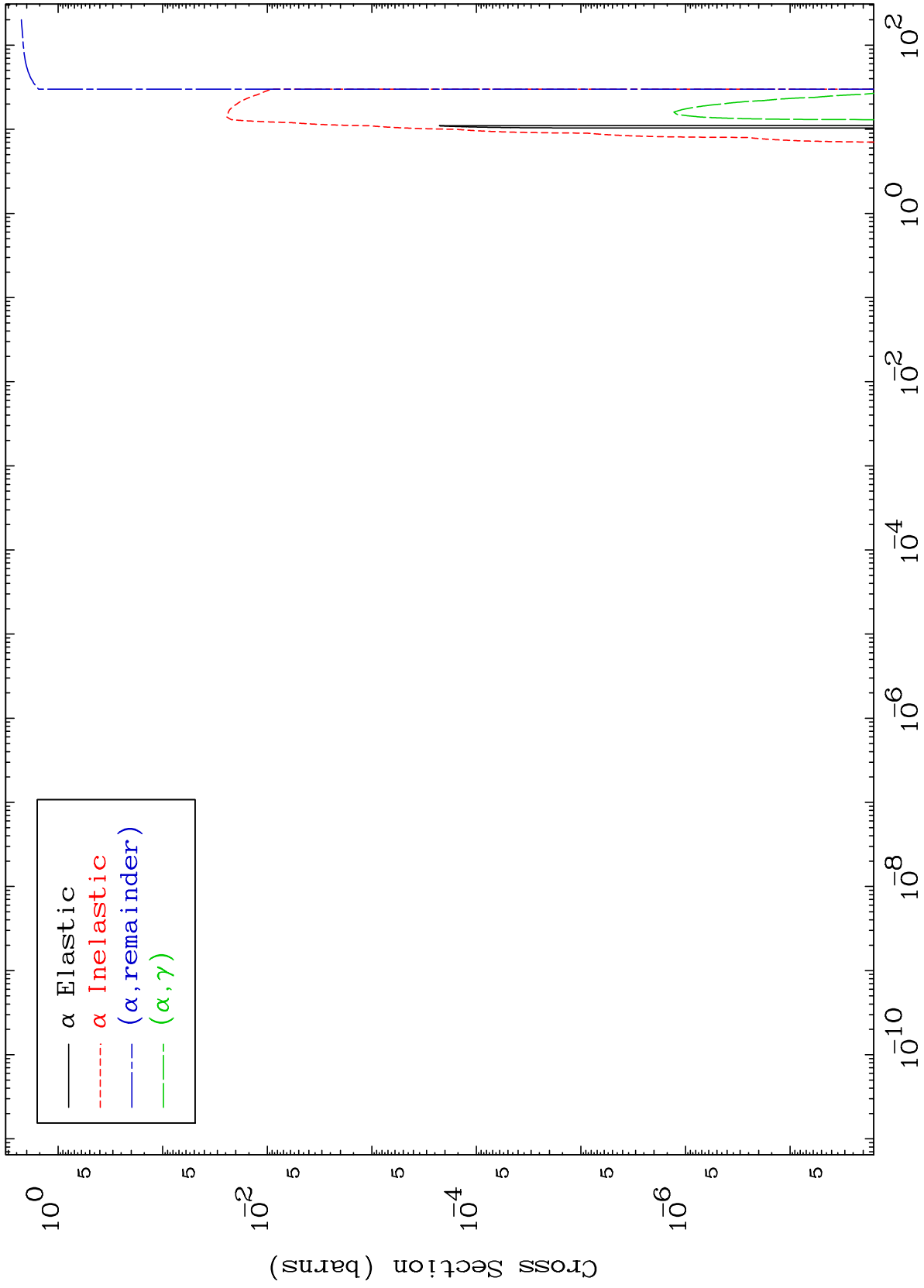
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4959

0 Kelvin α Major
Cross Sections

49-In-124



1

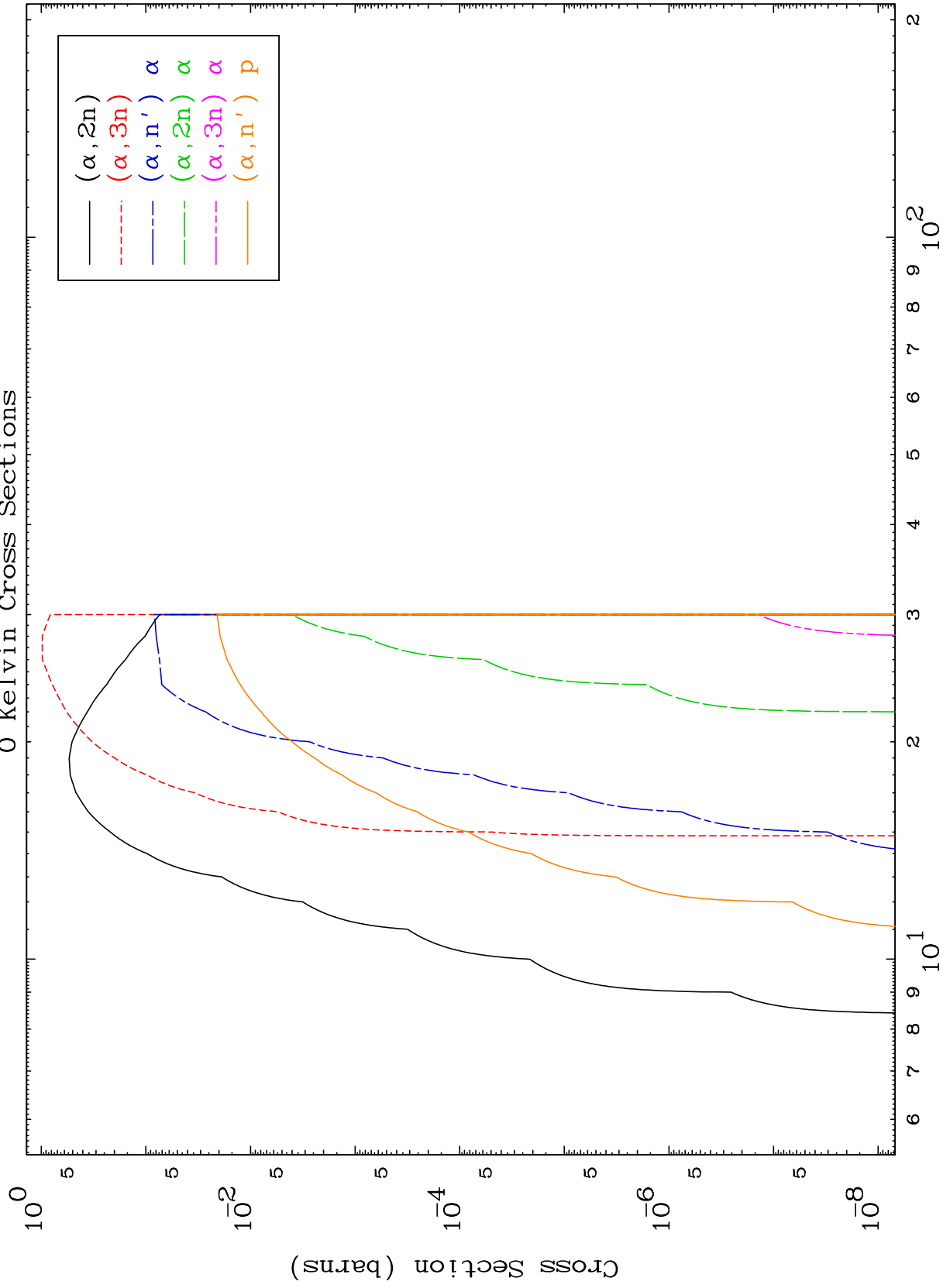
Incident Energy (MeV)

49-In-124

MAT 4959

α Neutron Production
0 Kelvin Cross Sections

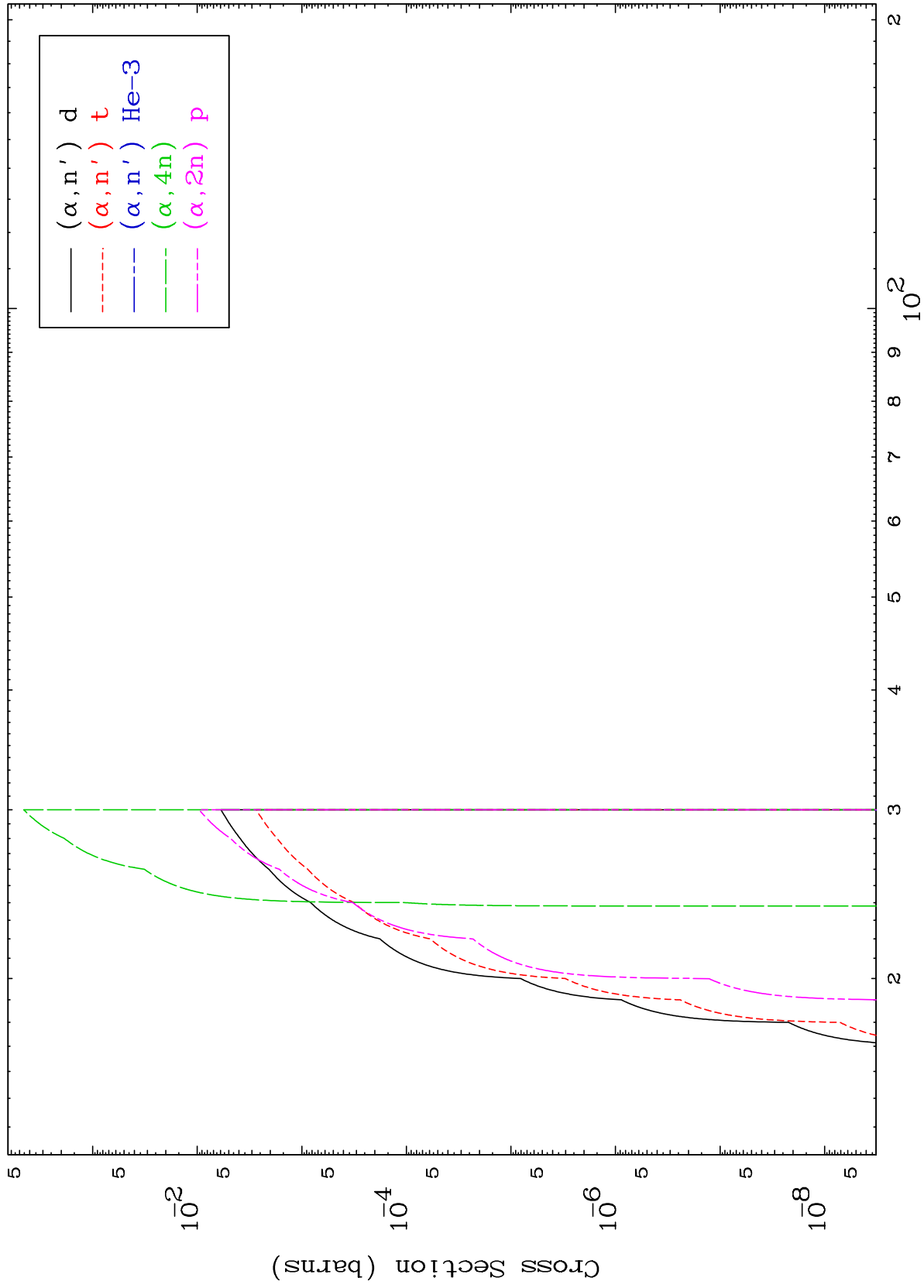
49-In-124

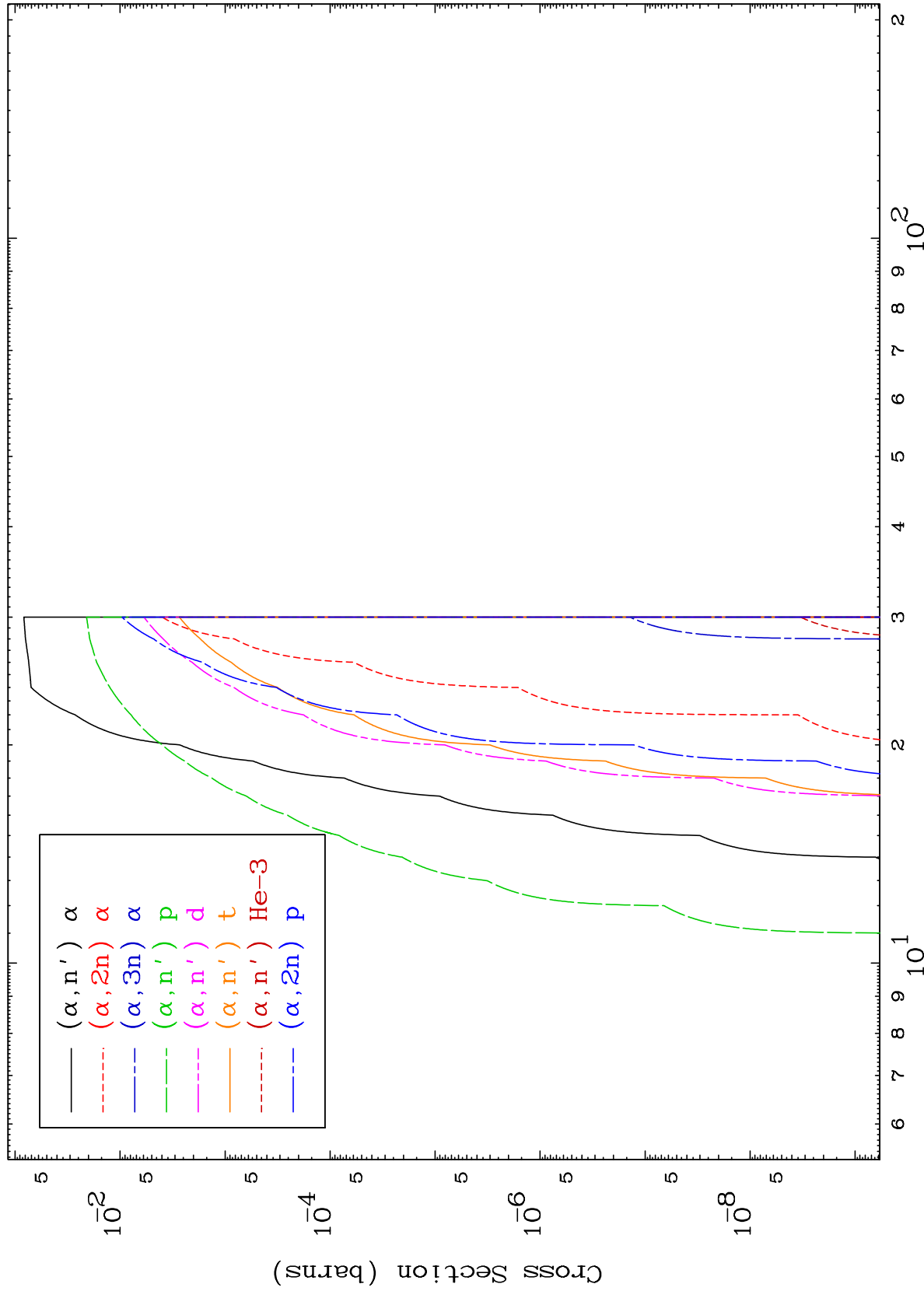


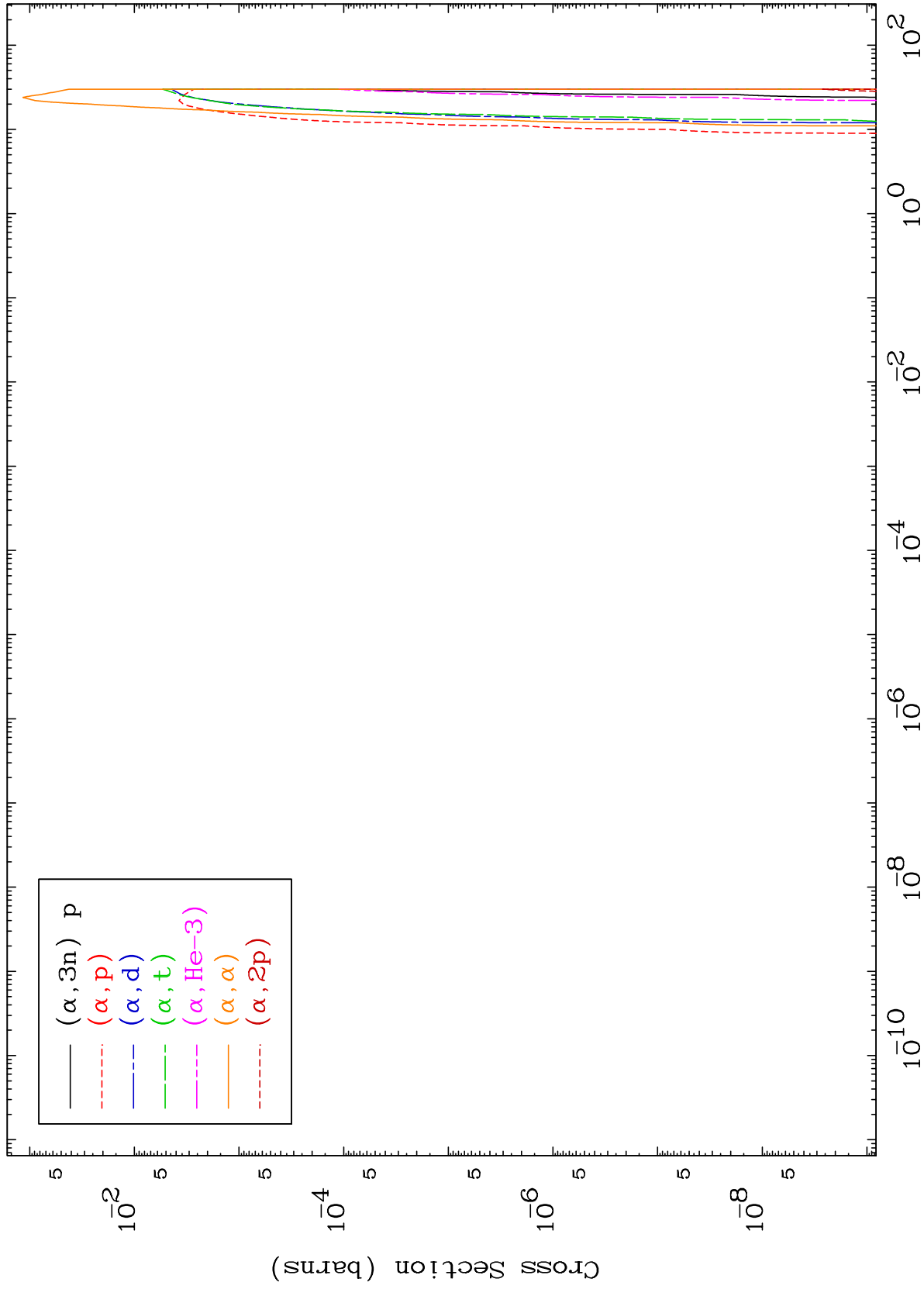
2

Incident Energy (MeV)

49-In-124



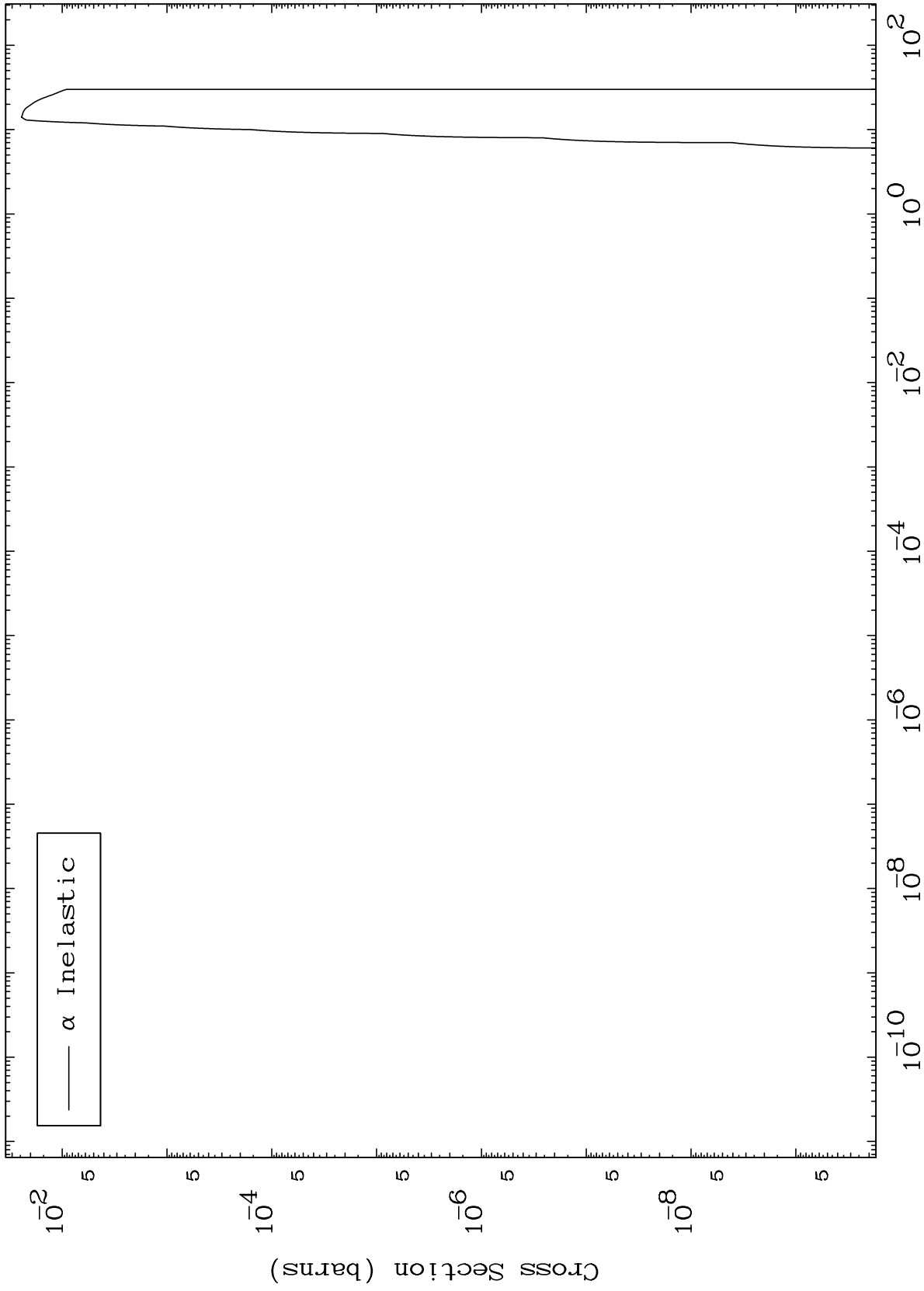




MAT 4959

(α, n') Level
0 Kelvin Cross Sections

49-In-124



6

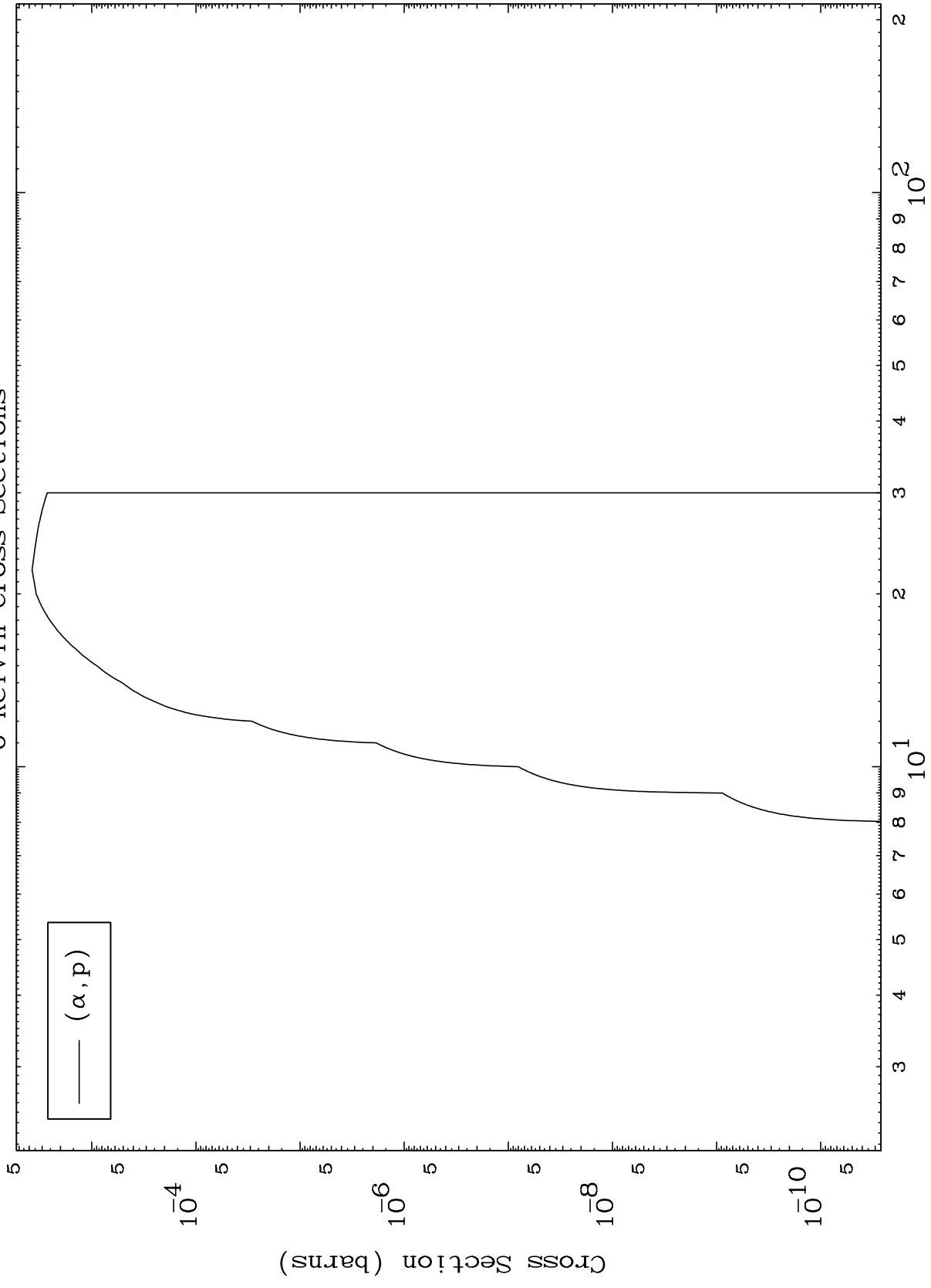
Incident Energy (MeV)

49-In-124

MAT 4959

(α, p) Levels
0 Kelvin Cross Sections

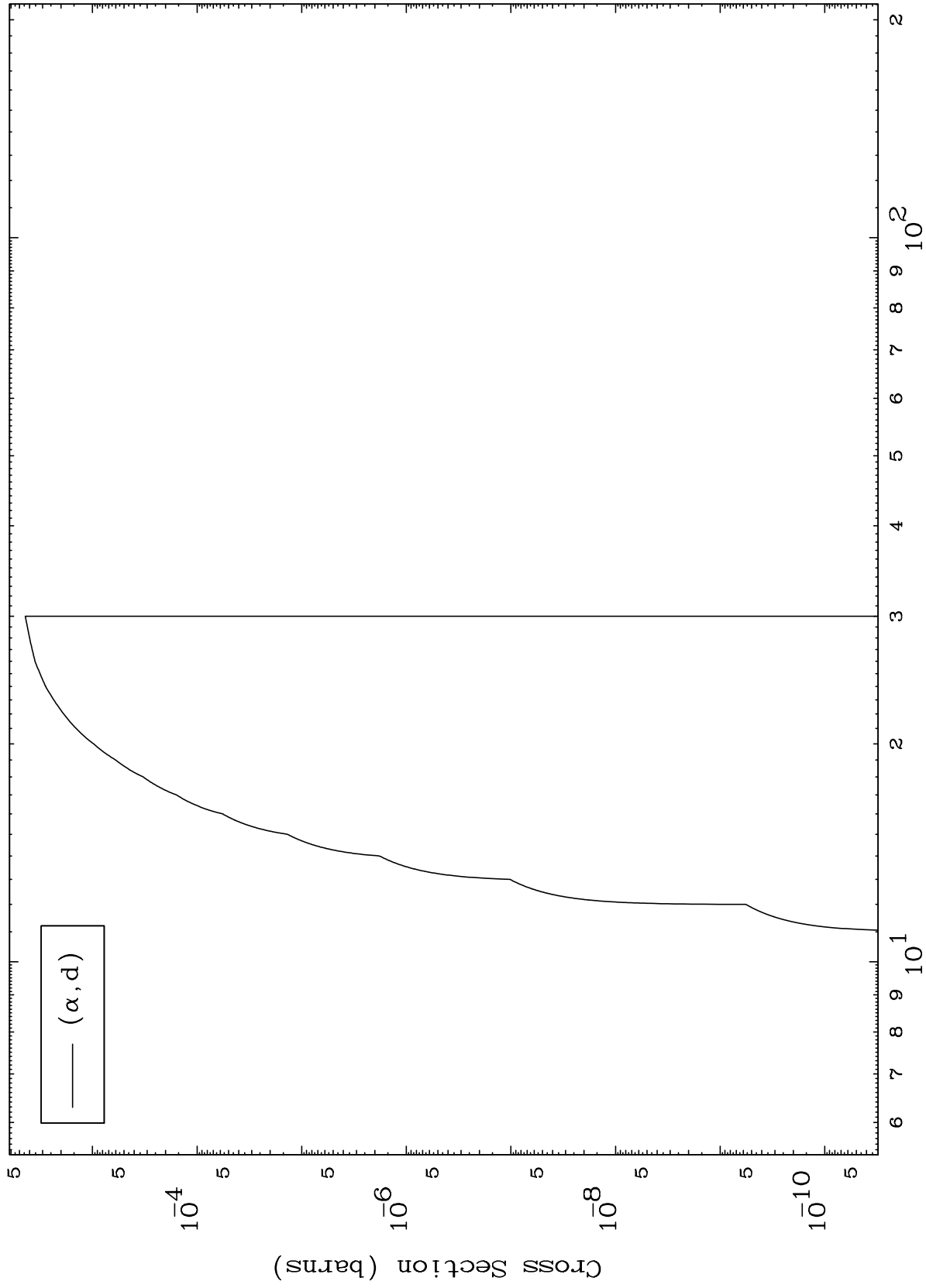
49-In-124



MAT 4959

(α, d) Levels
0 Kelvin Cross Sections

49-In-124



8

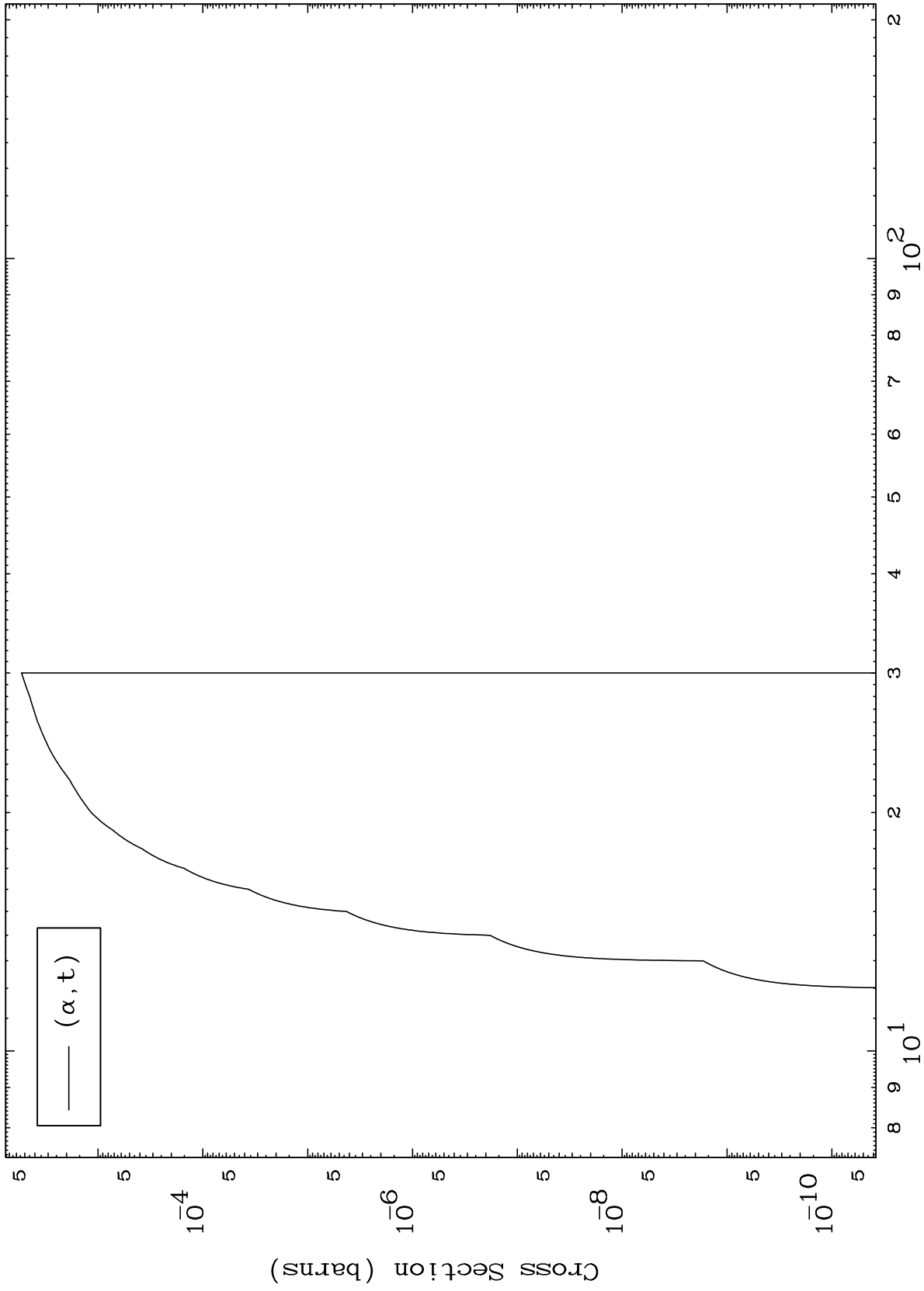
Incident Energy (MeV)

49-In-124

MAT 4959

(α, t) Levels
0 Kelvin Cross Sections

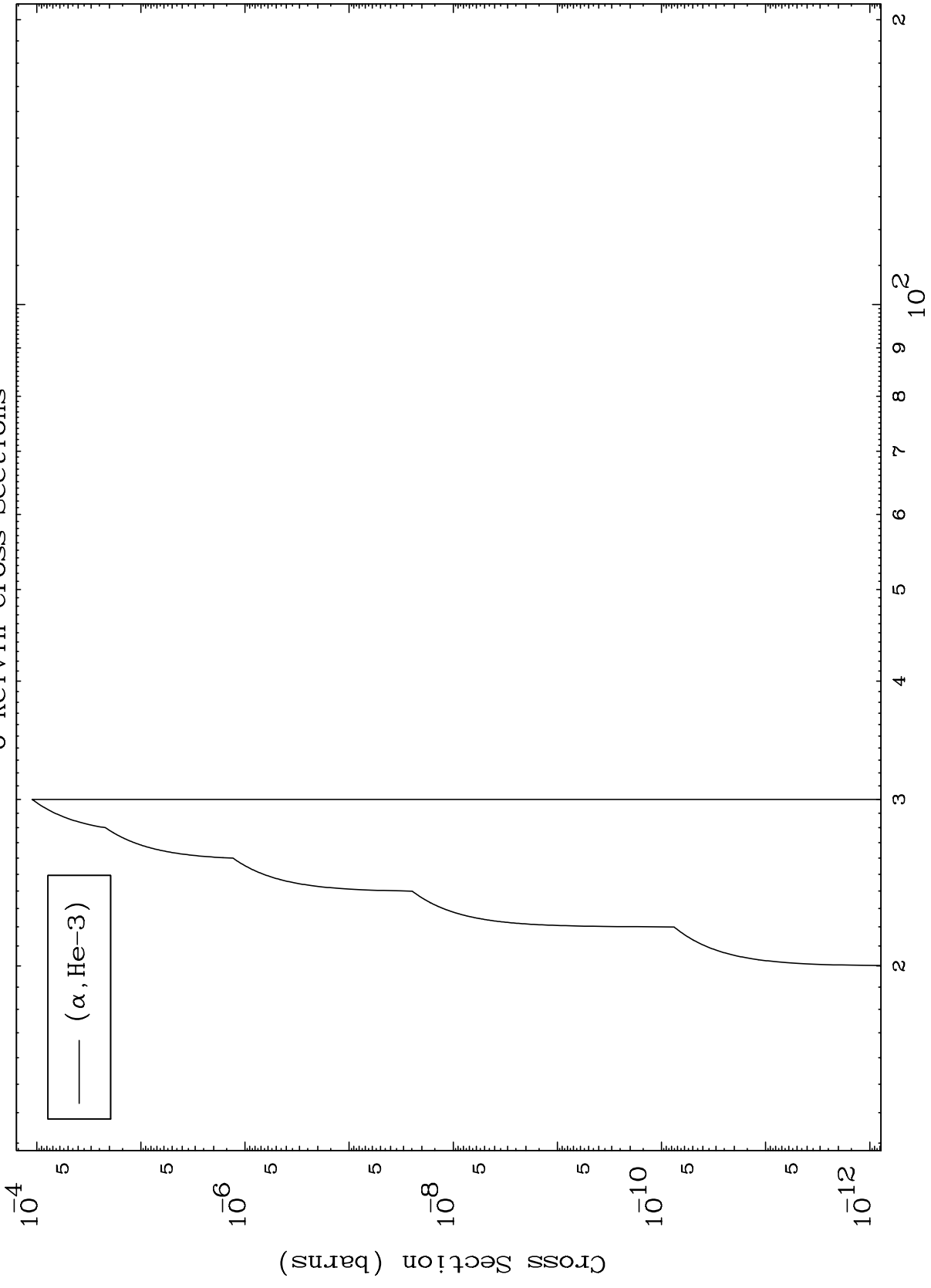
49-In-124



MAT 4959

(α ,He3) Levels
0 Kelvin Cross Sections

49-In-124



10

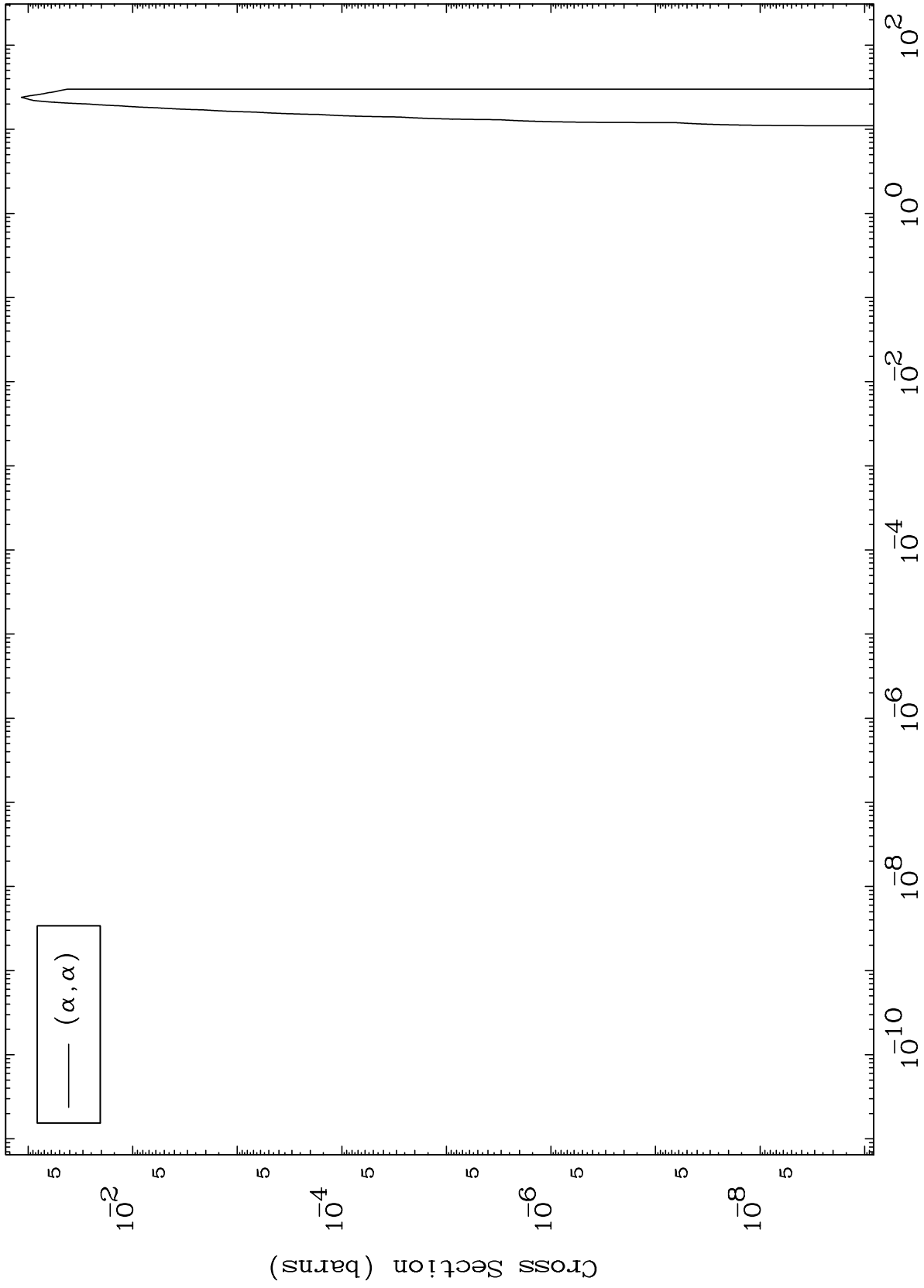
Incident Energy (MeV)

49-In-124

MAT 4959

(α, α) Levels
0 Kelvin Cross Sections

49-In-124



11

Incident Energy (MeV)

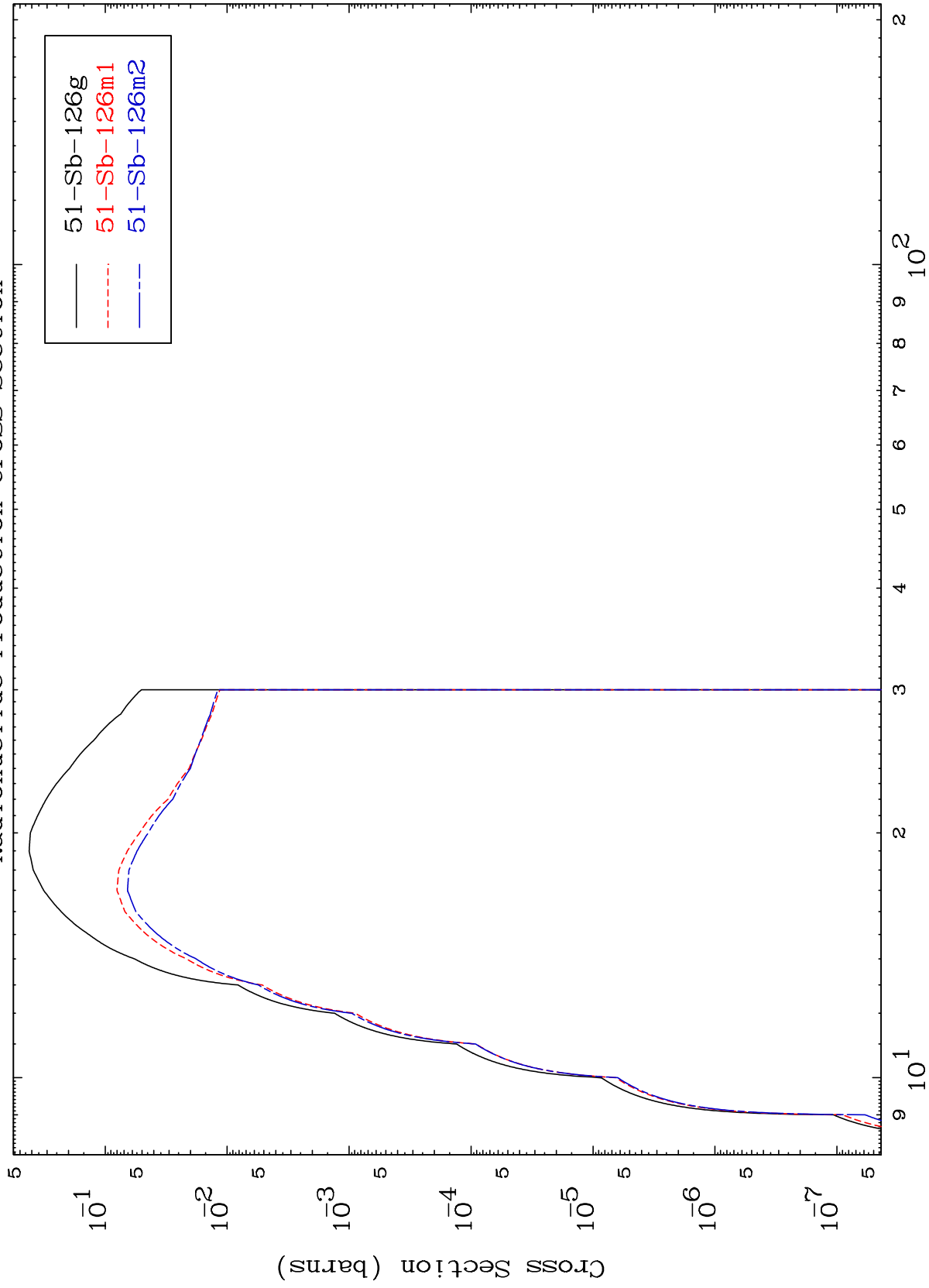
49-In-124

MAT 4959

($\alpha, 2n$)

49-In-124

Radionuclide Production Cross Section



12

Incident Energy (MeV)

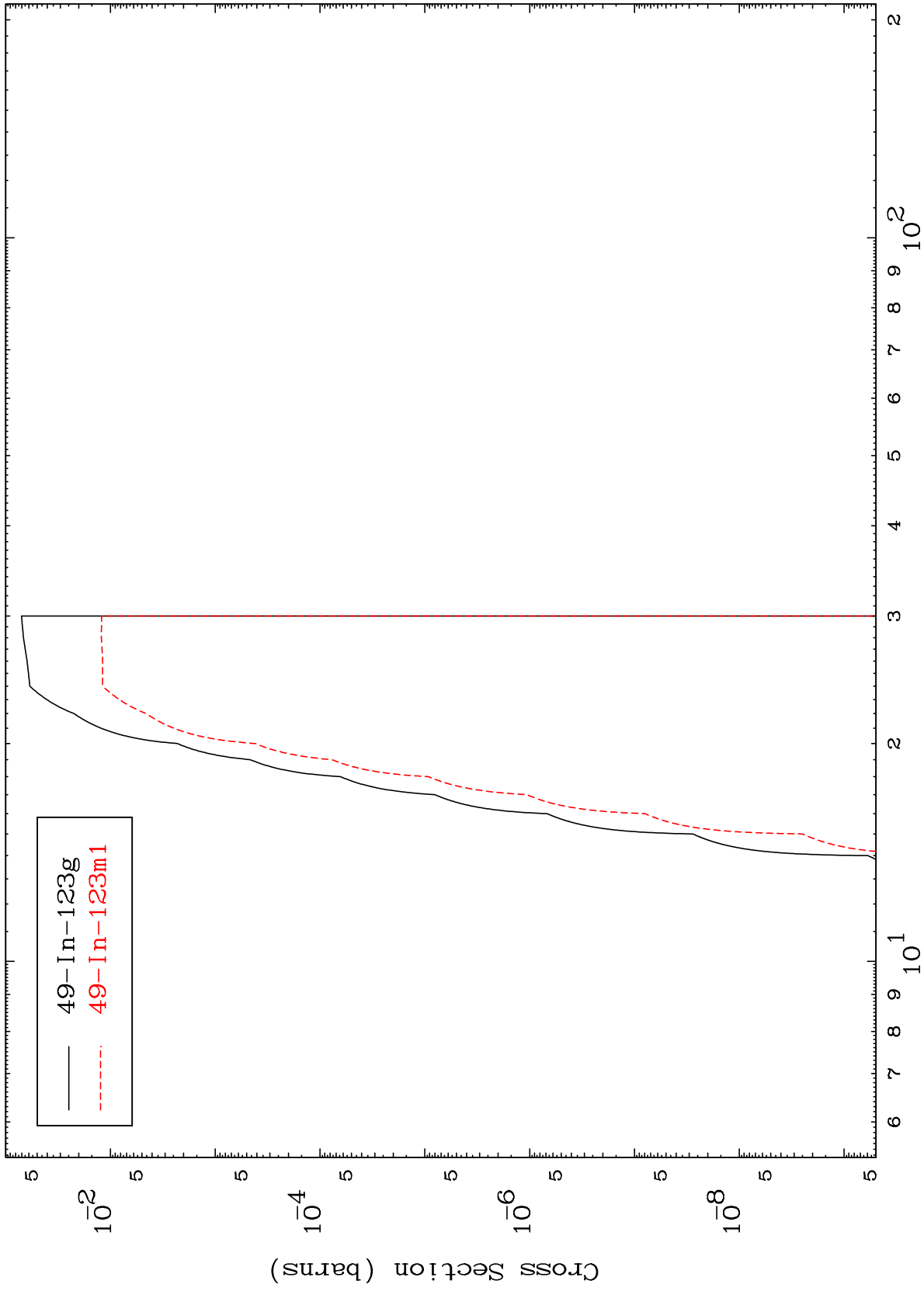
49-In-124

MAT 4959

(α, n') α

49-In-124

Radionuclide Production Cross Section



13

Incident Energy (MeV)

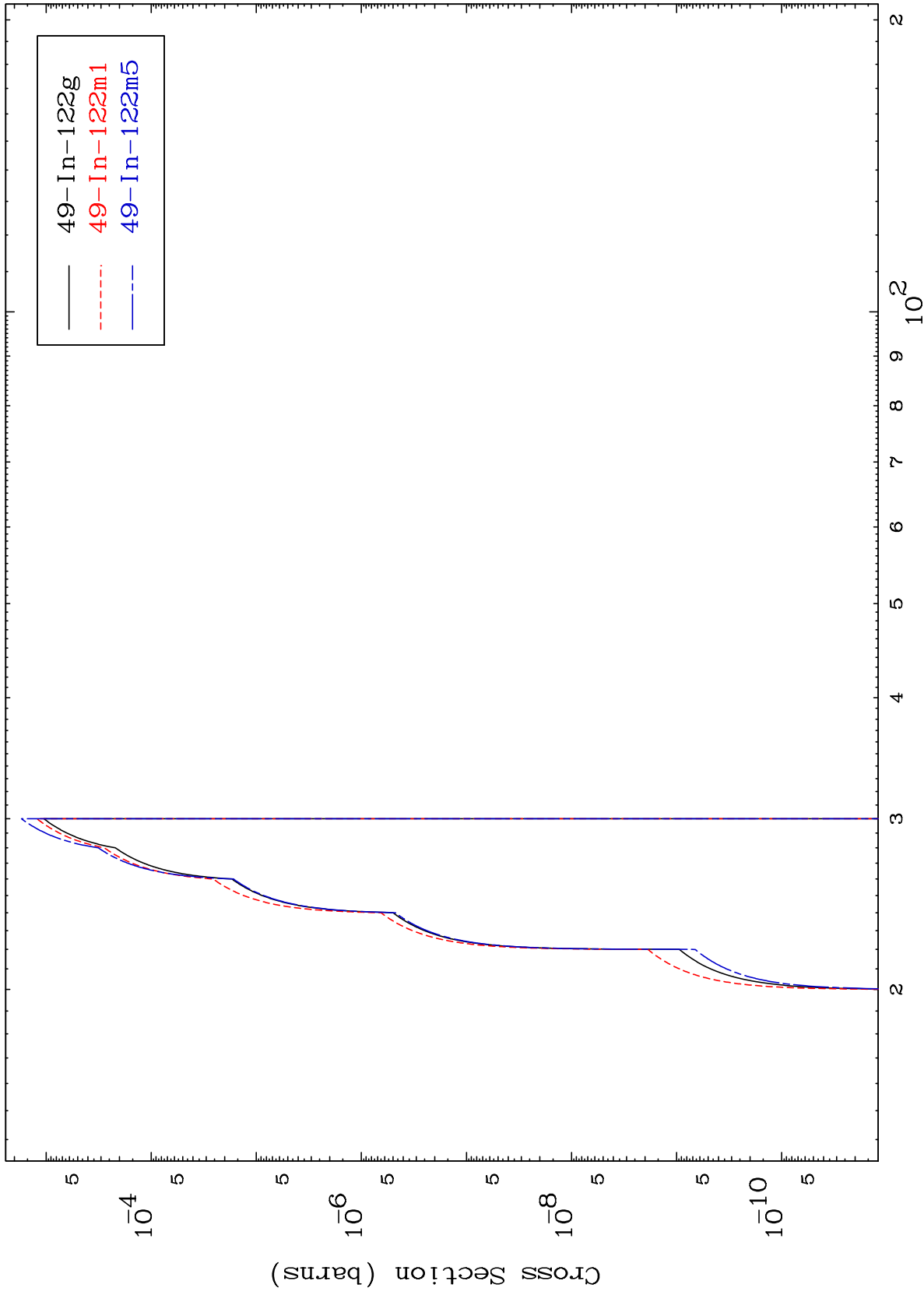
49-In-124

MAT 4959

($\alpha, 2n$) α

49-In-124

Radionuclide Production Cross Section



14

Incident Energy (MeV)

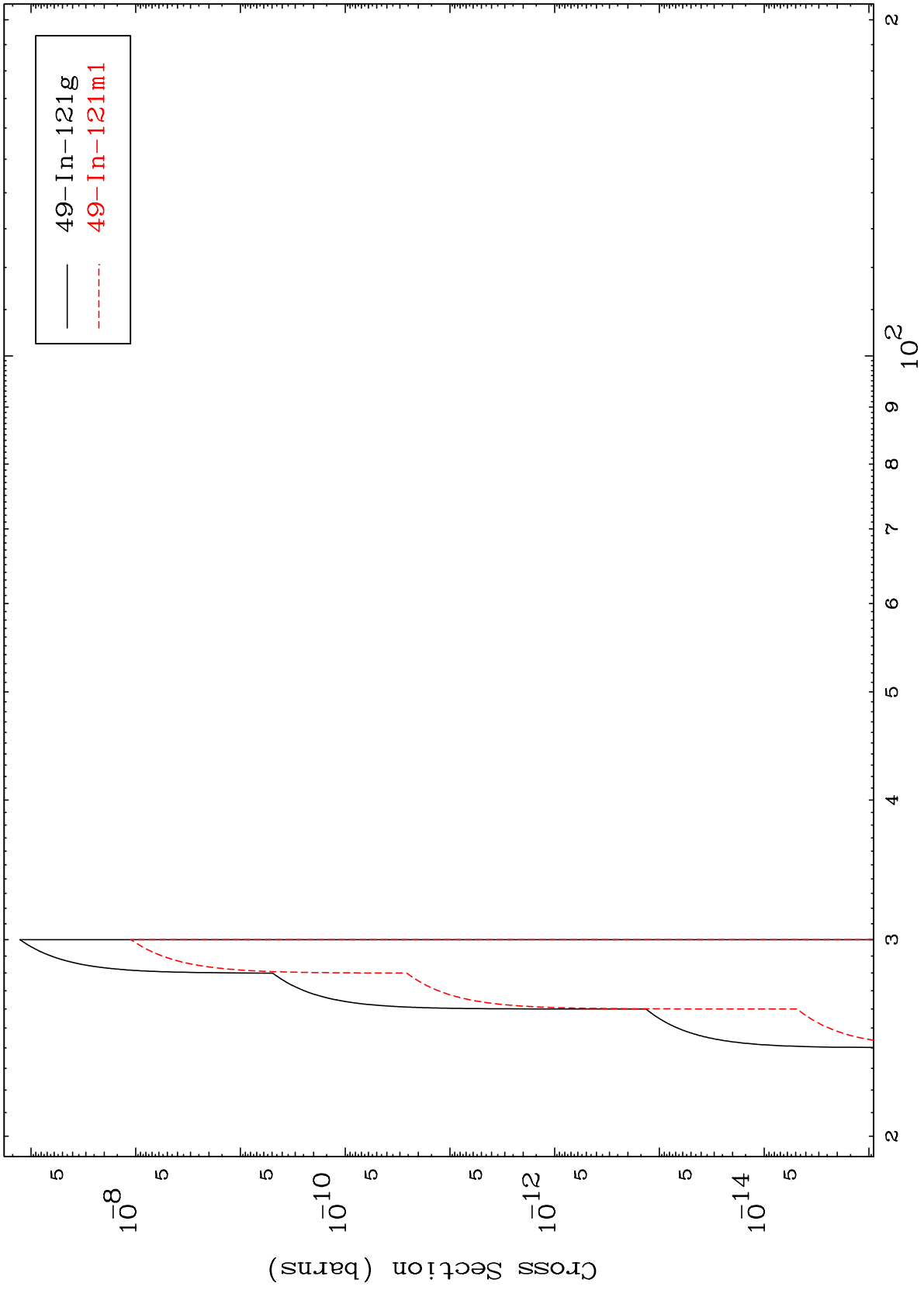
49-In-124

MAT 4959

($\alpha, 3n$) α

49-In-124

Radionuclide Production Cross Section



15

Incident Energy (MeV)

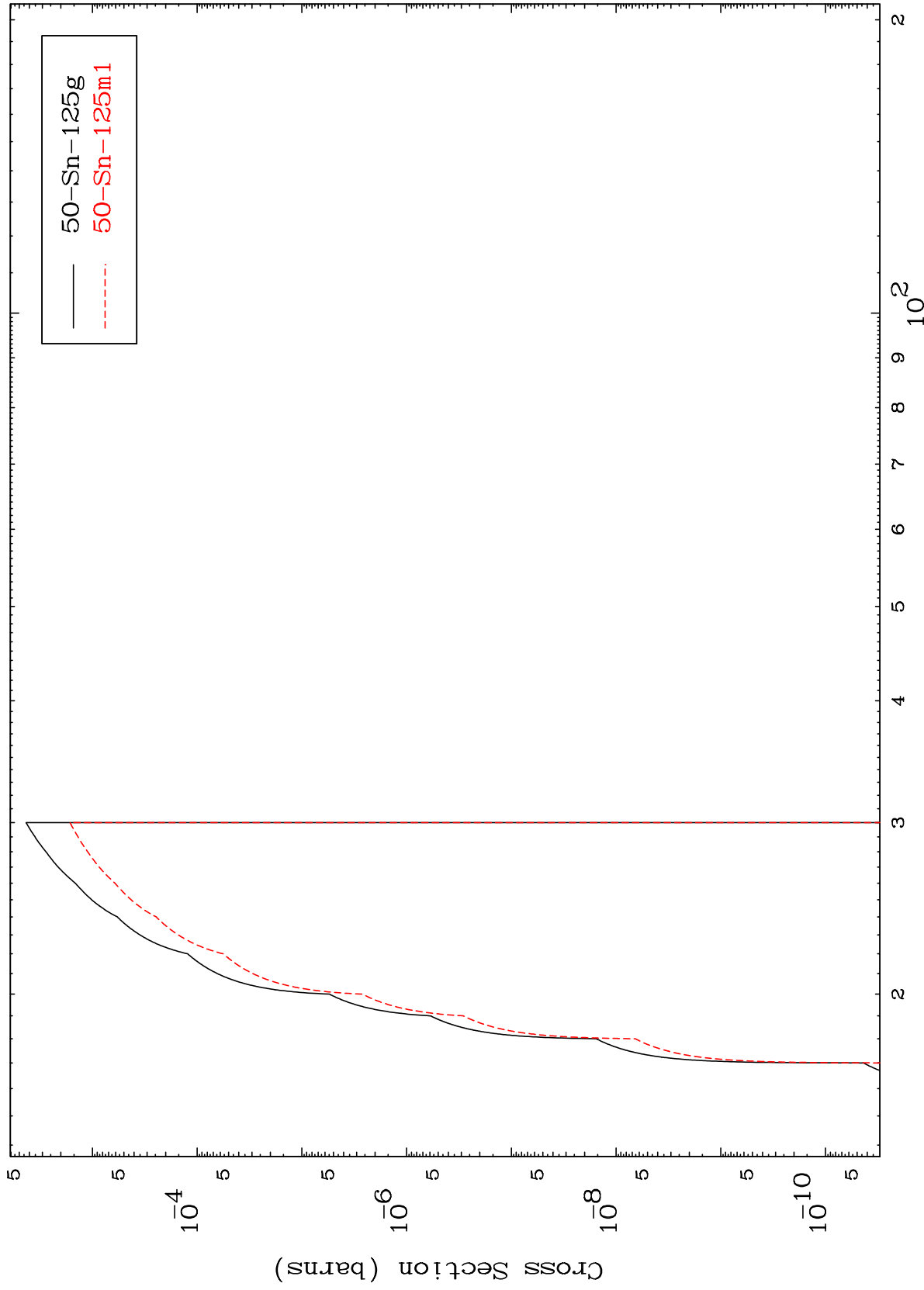
49-In-124

MAT 4959

(α, n') d

49-In-124

Radionuclide Production Cross Section



16

Incident Energy (MeV)

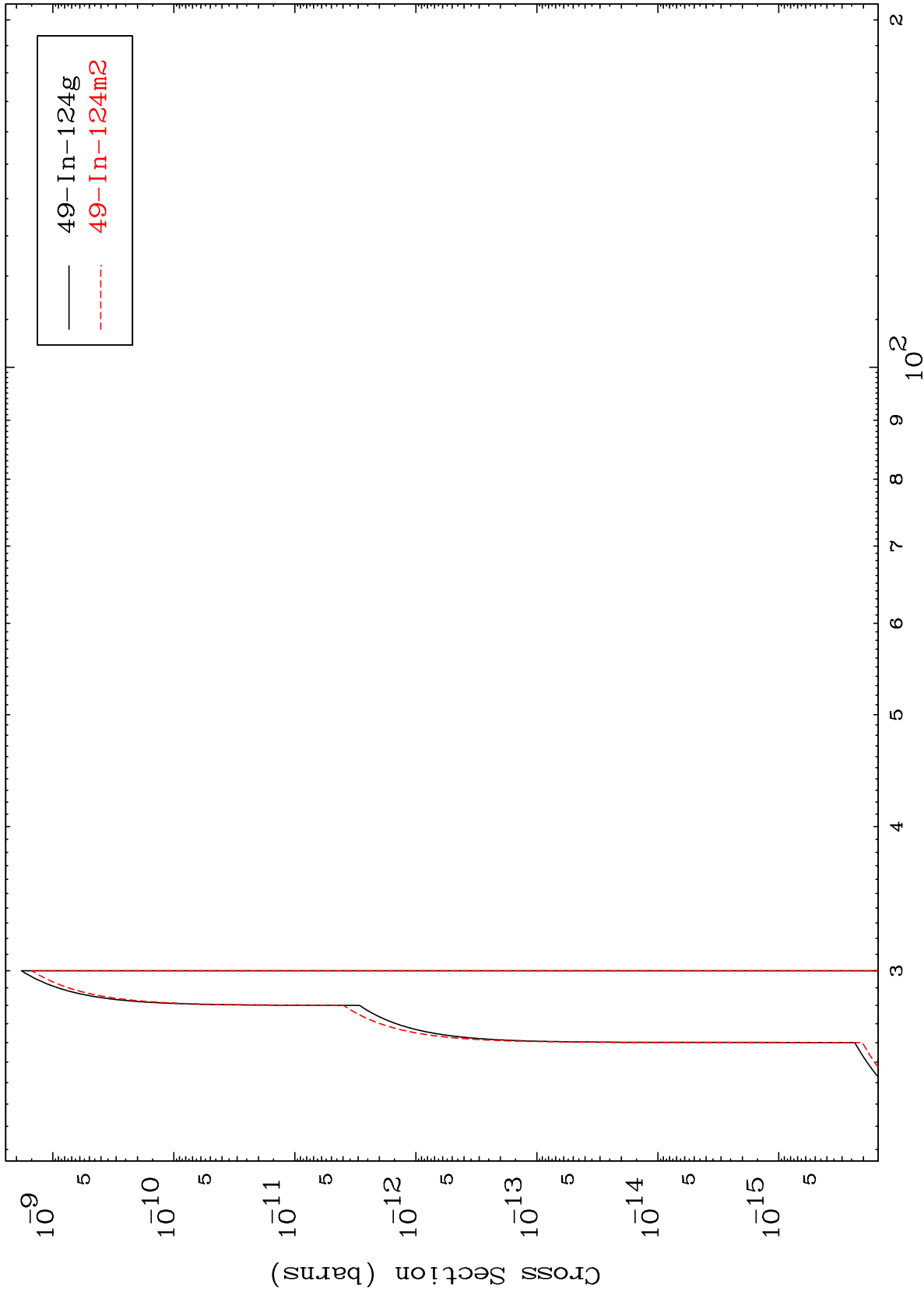
49-In-124

MAT 4959

(α, n') He-3

49-In-124

Radionuclide Production Cross Section



17

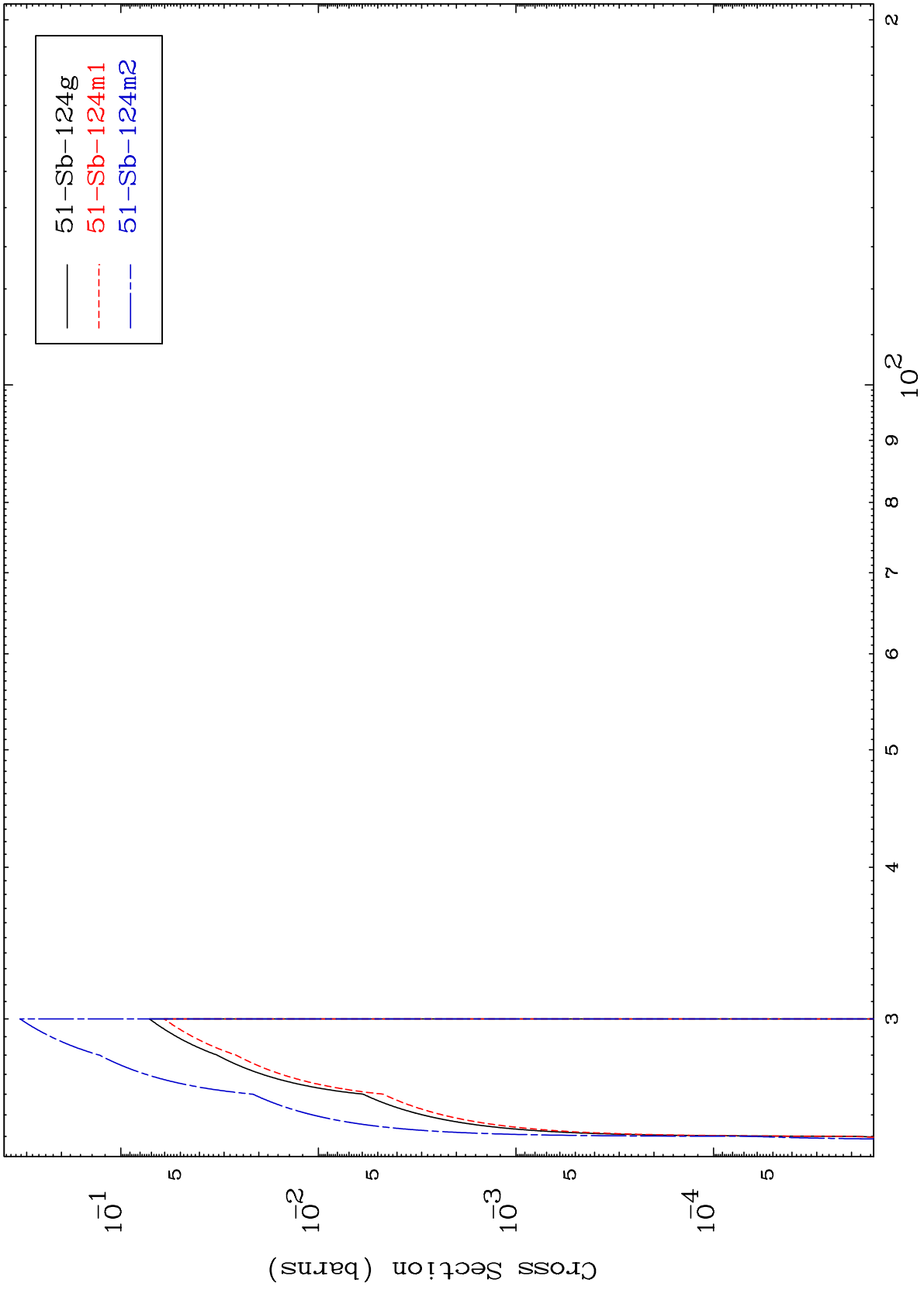
Incident Energy (MeV)

49-In-124

MAT 4959

49-In-124

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



18

Incident Energy (MeV)

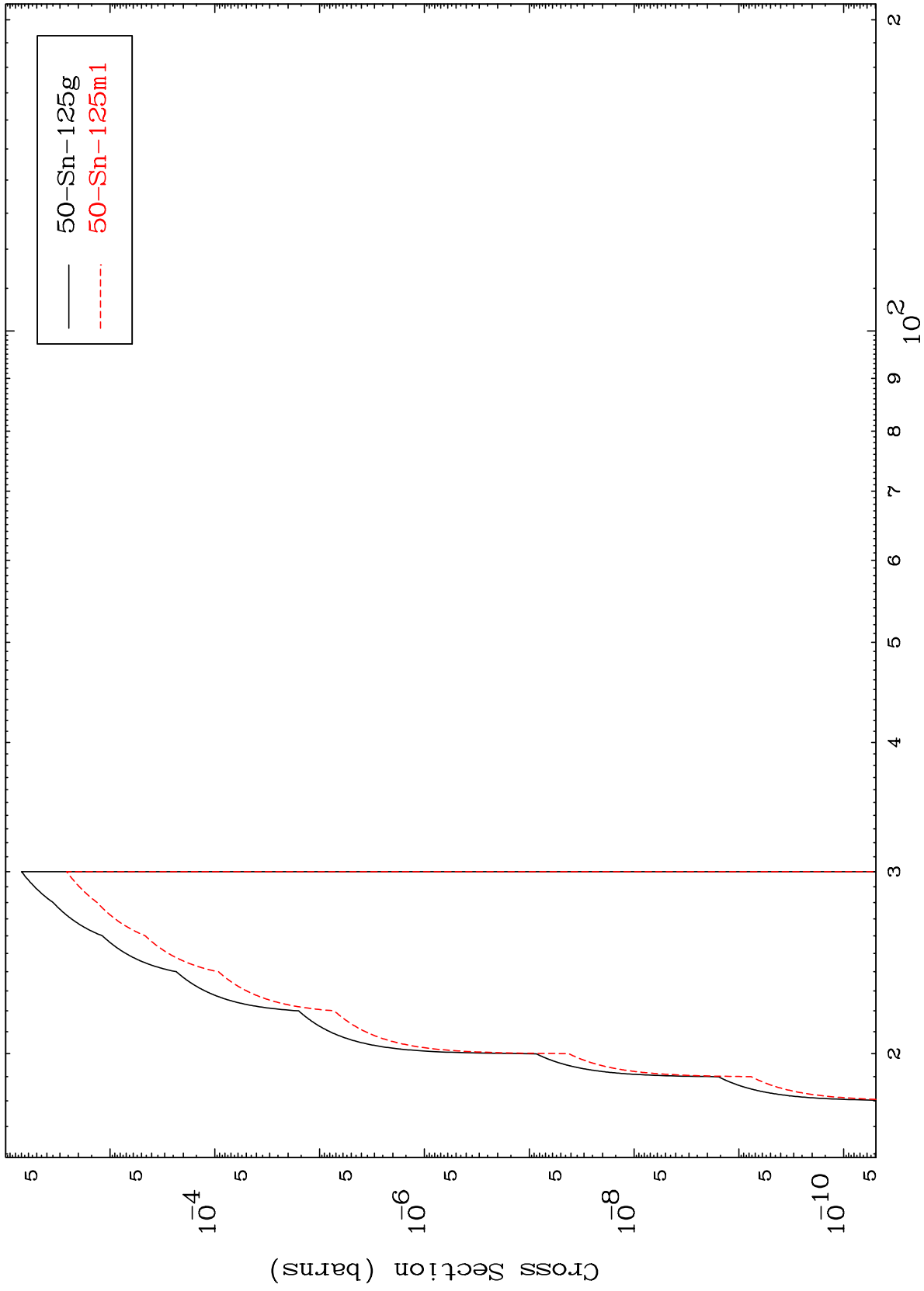
49-In-124

MAT 4959

($\alpha, 2n$) p

49-In-124

Radionuclide Production Cross Section



19

Incident Energy (MeV)

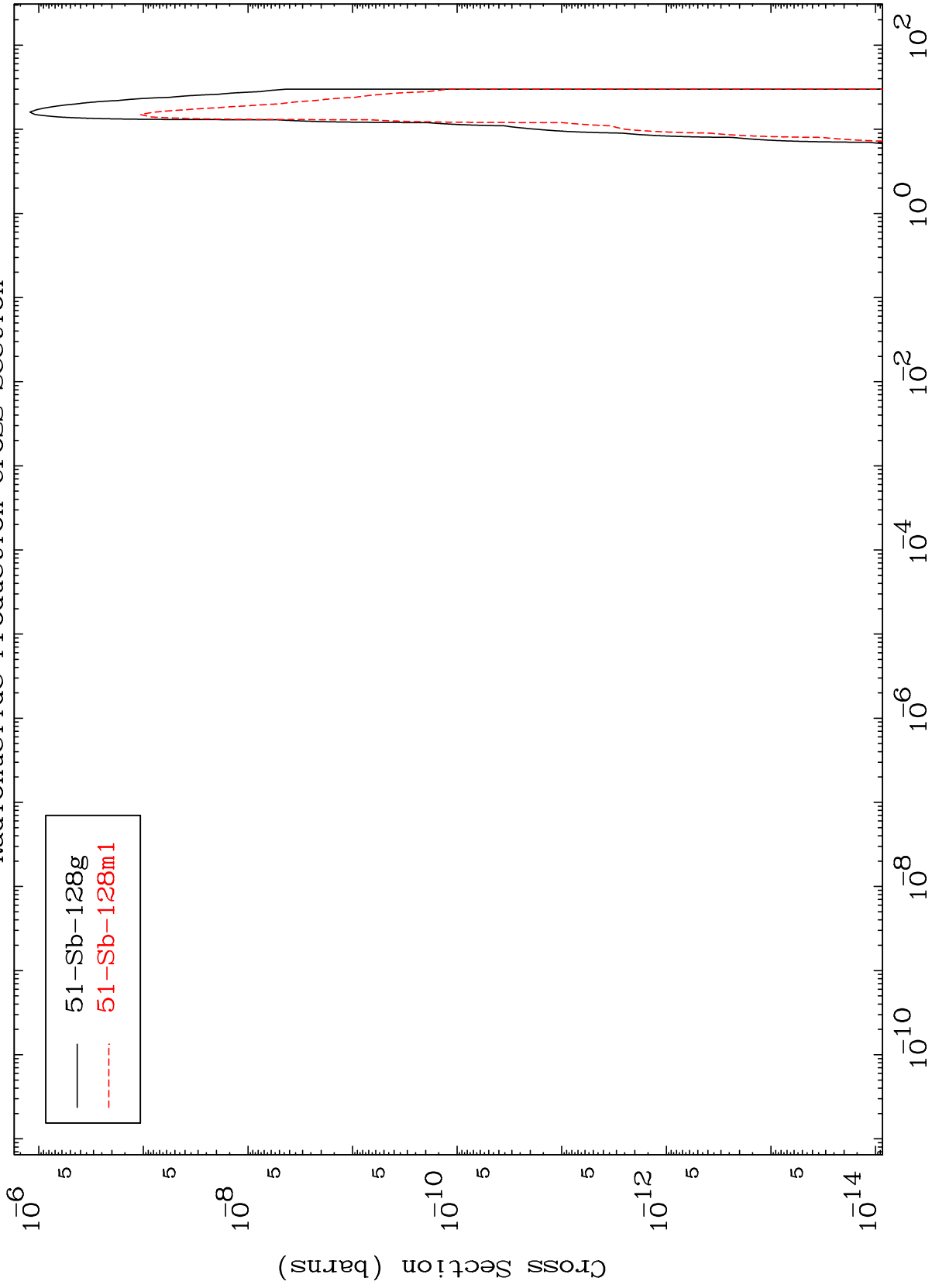
49-In-124

MAT 4959

(α, γ)

49-In-124

Radionuclide Production Cross Section



20

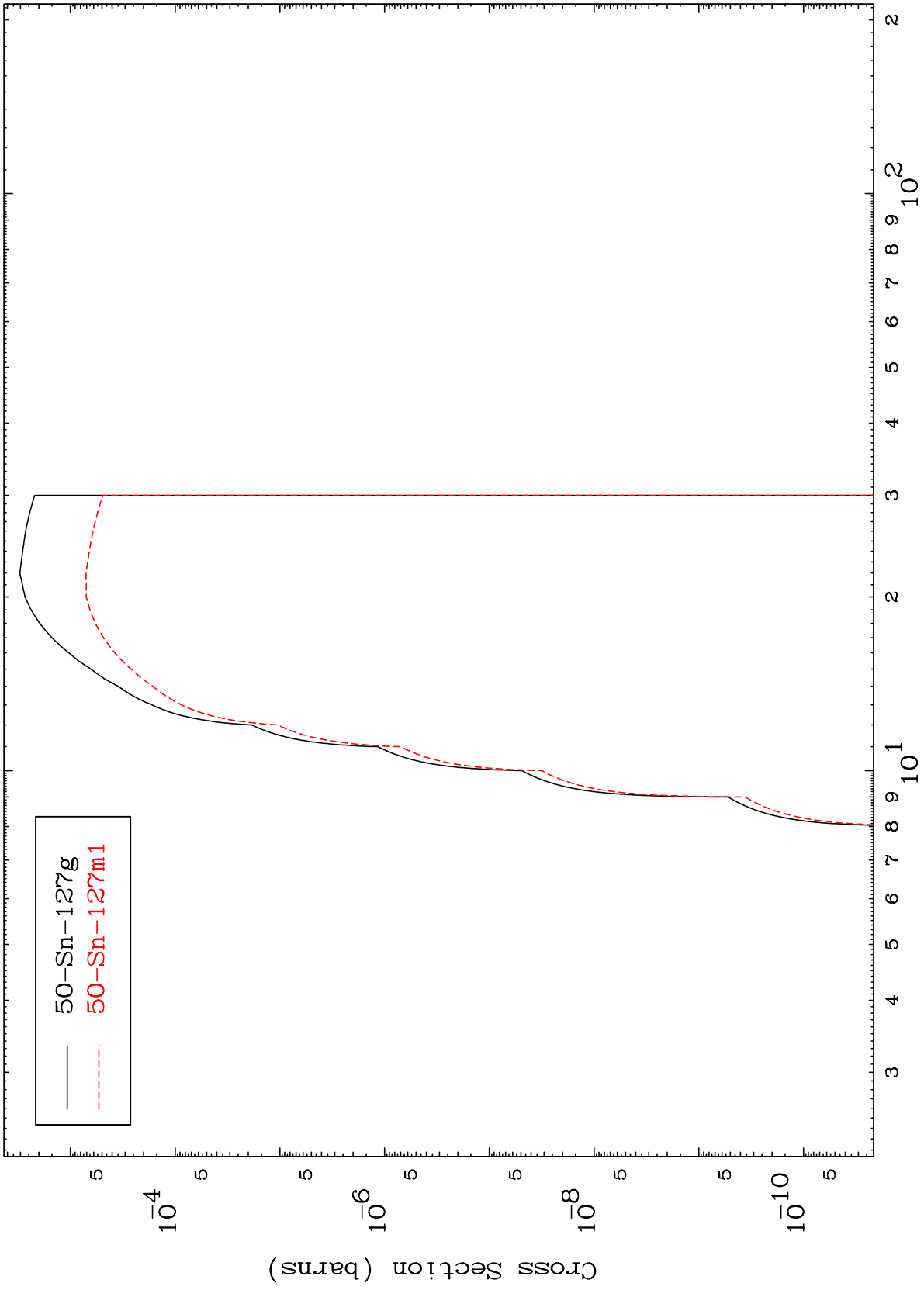
Incident Energy (MeV)

49-In-124

MAT 4959

49-In-124

(α, p)
Radionuclide Production Cross Section



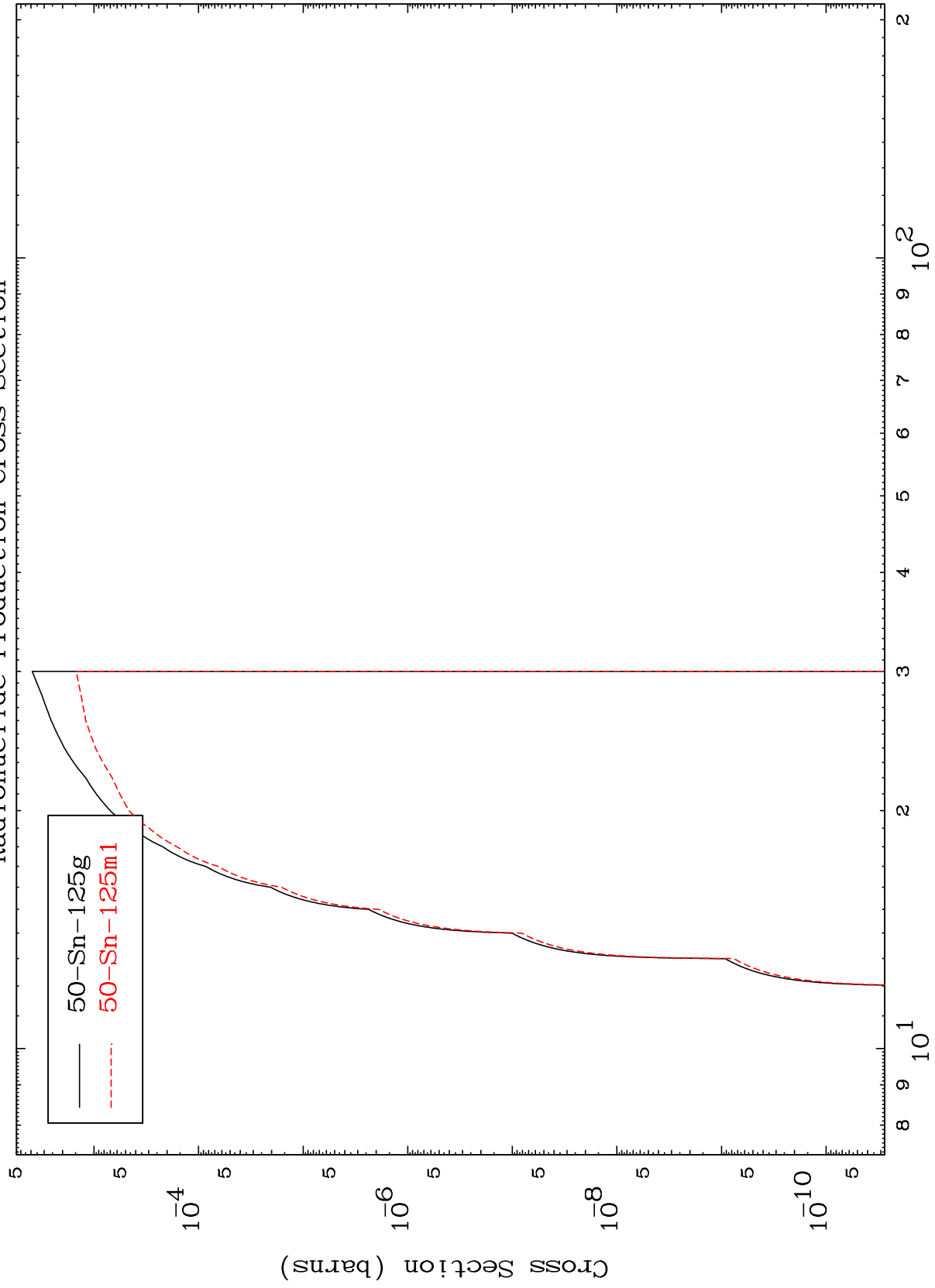
21

49-In-124

MAT 4959

49-In-124

(α, t)
Radionuclide Production Cross Section



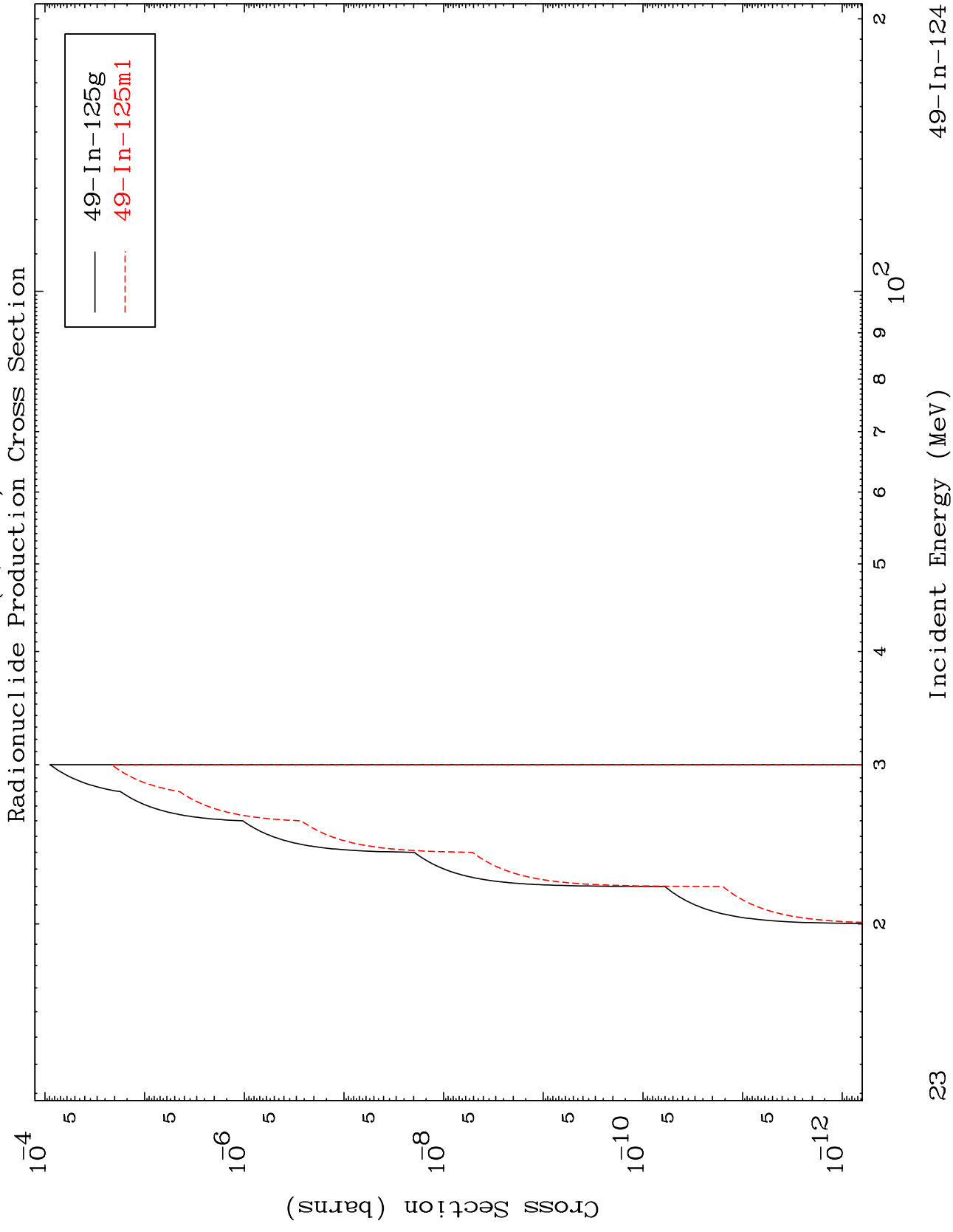
22

49-In-124

MAT 4959

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

49-In-124



23

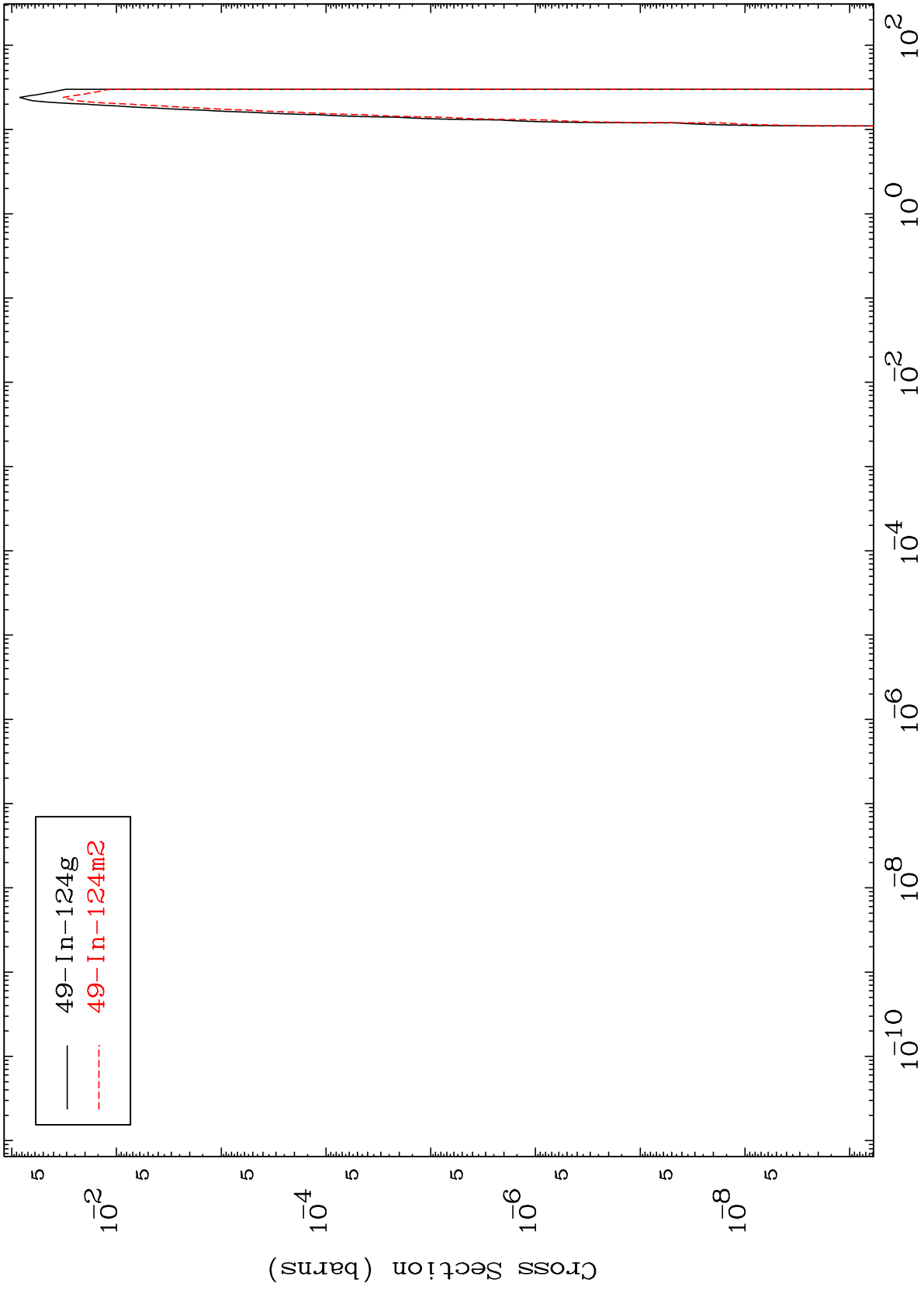
49-In-124

MAT 4959

(α, α)

49-In-124

Radionuclide Production Cross Section



24

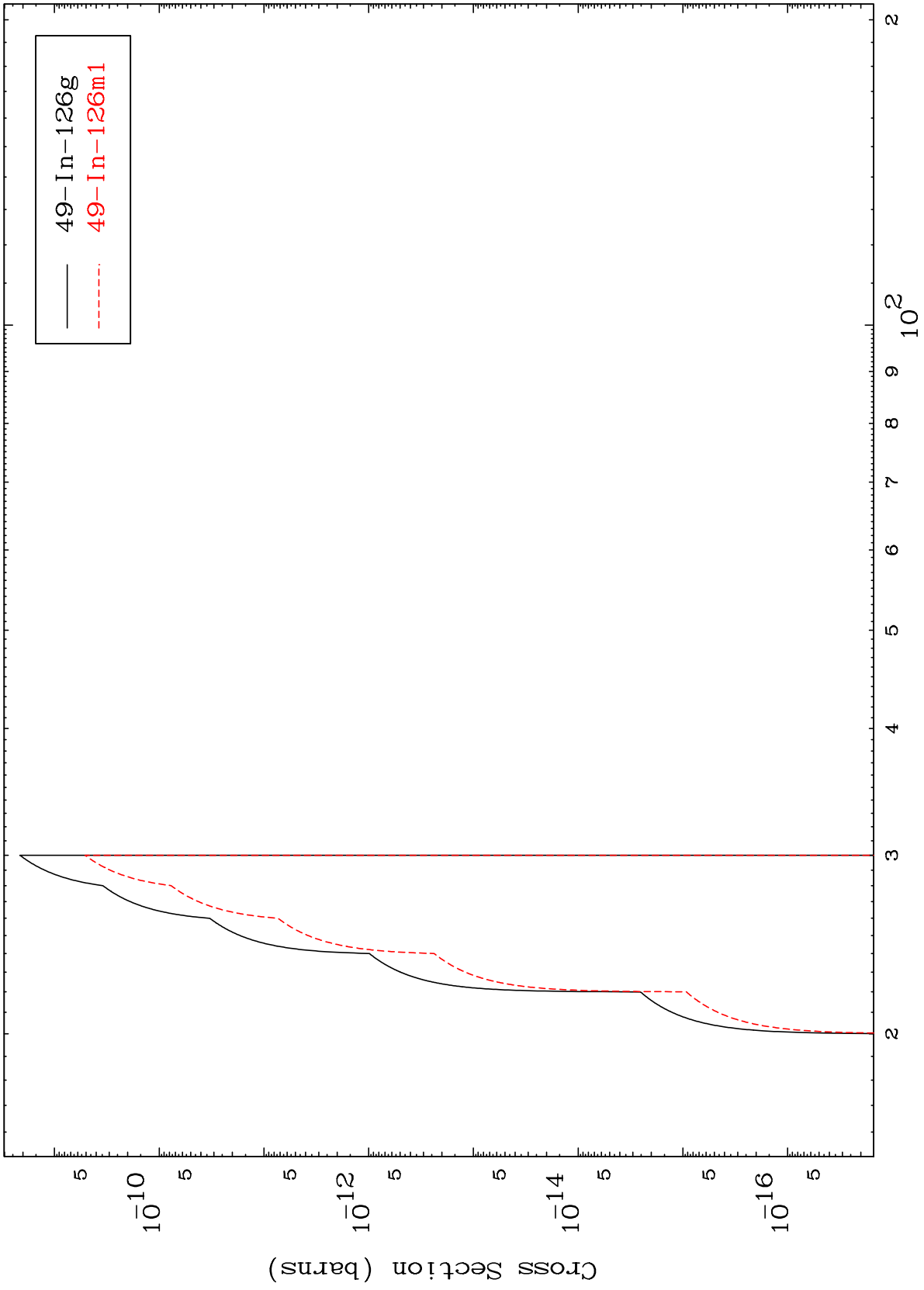
Incident Energy (MeV)

49-In-124

MAT 4959

49-In-124

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



25

49-In-124