

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

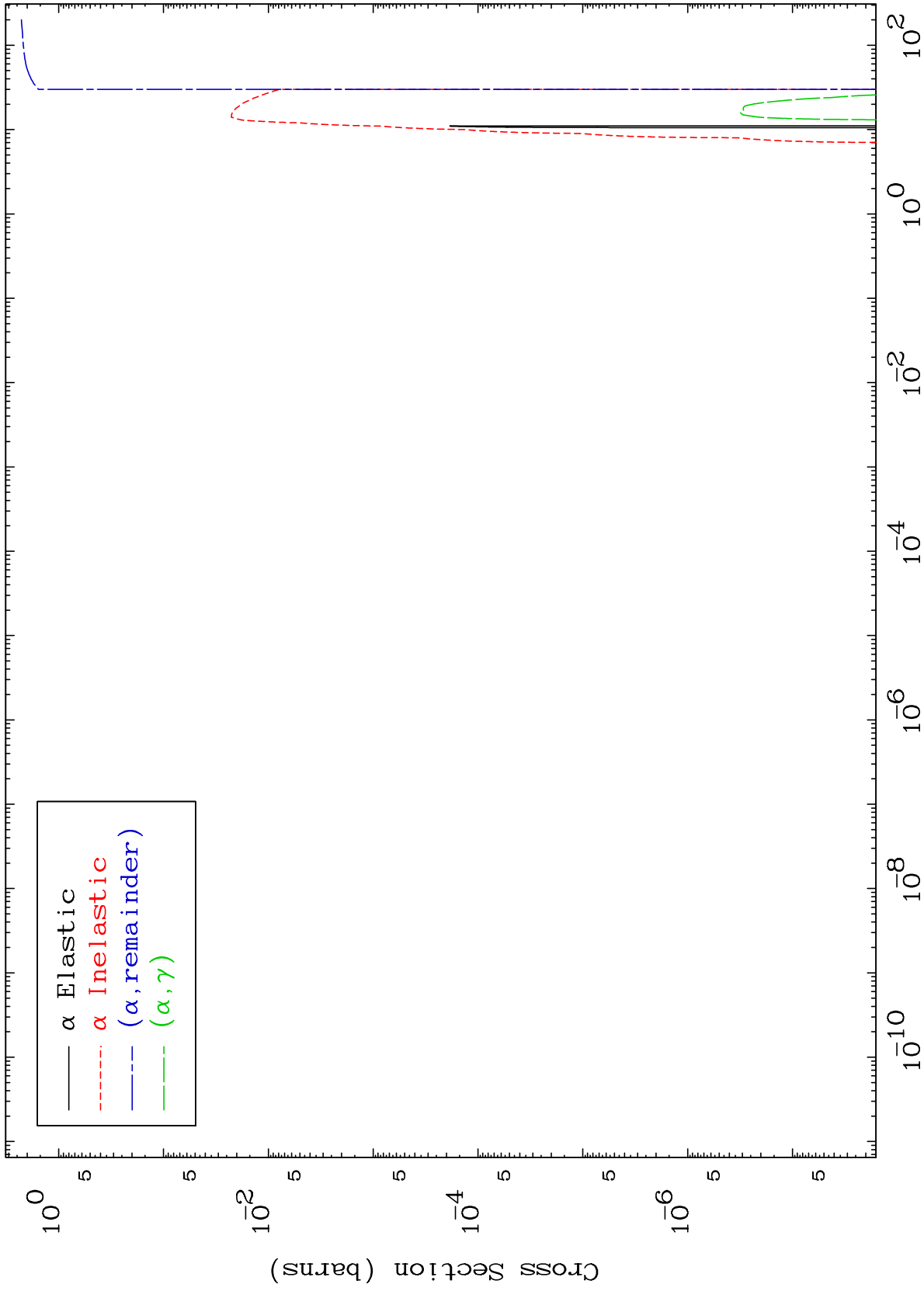
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4965

0 Kelvin α Major
Cross Sections

49-In-126



49-In-126

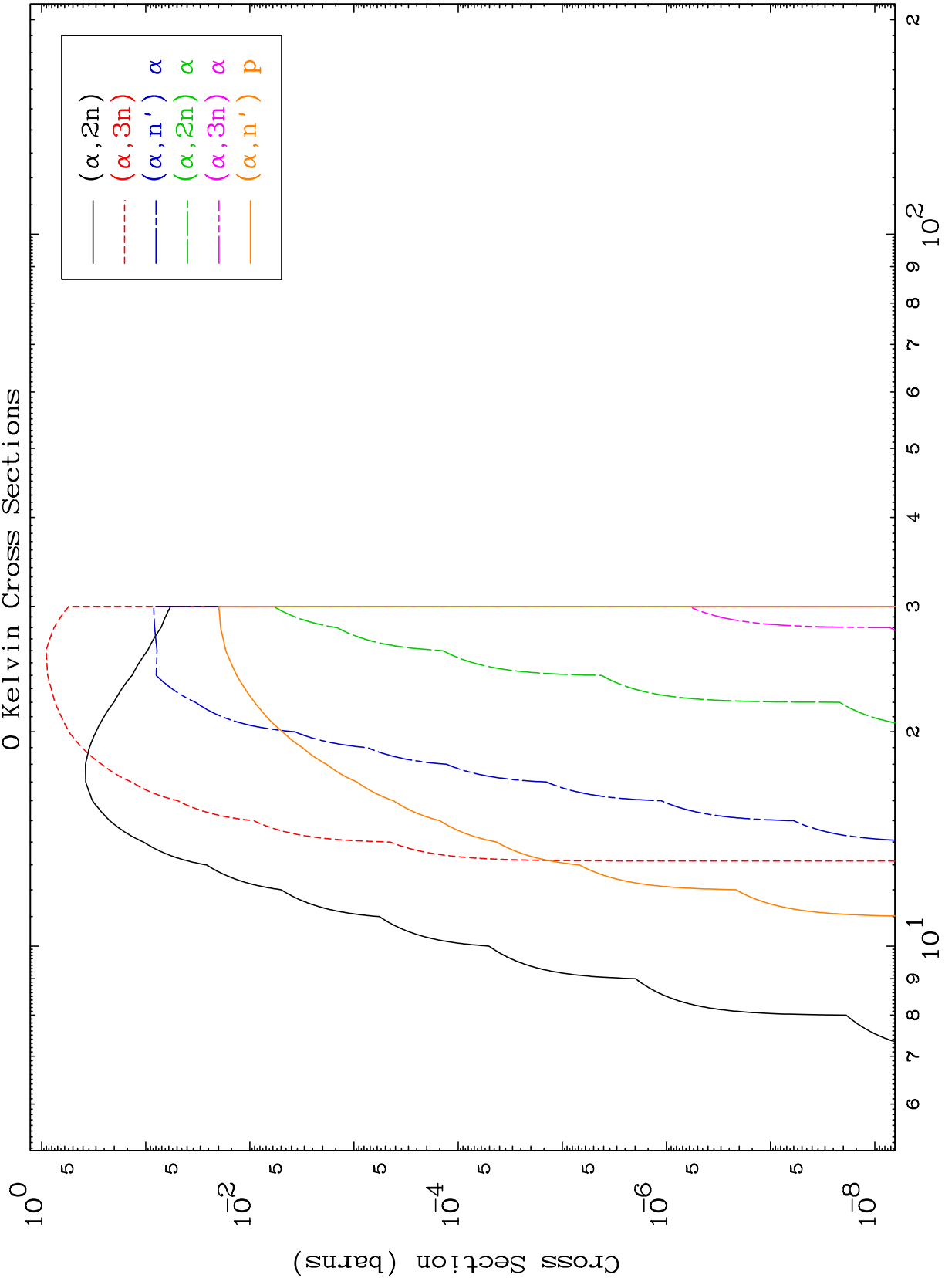
Incident Energy (MeV)

1

MAT 4965

α Neutron Production
0 Kelvin Cross Sections

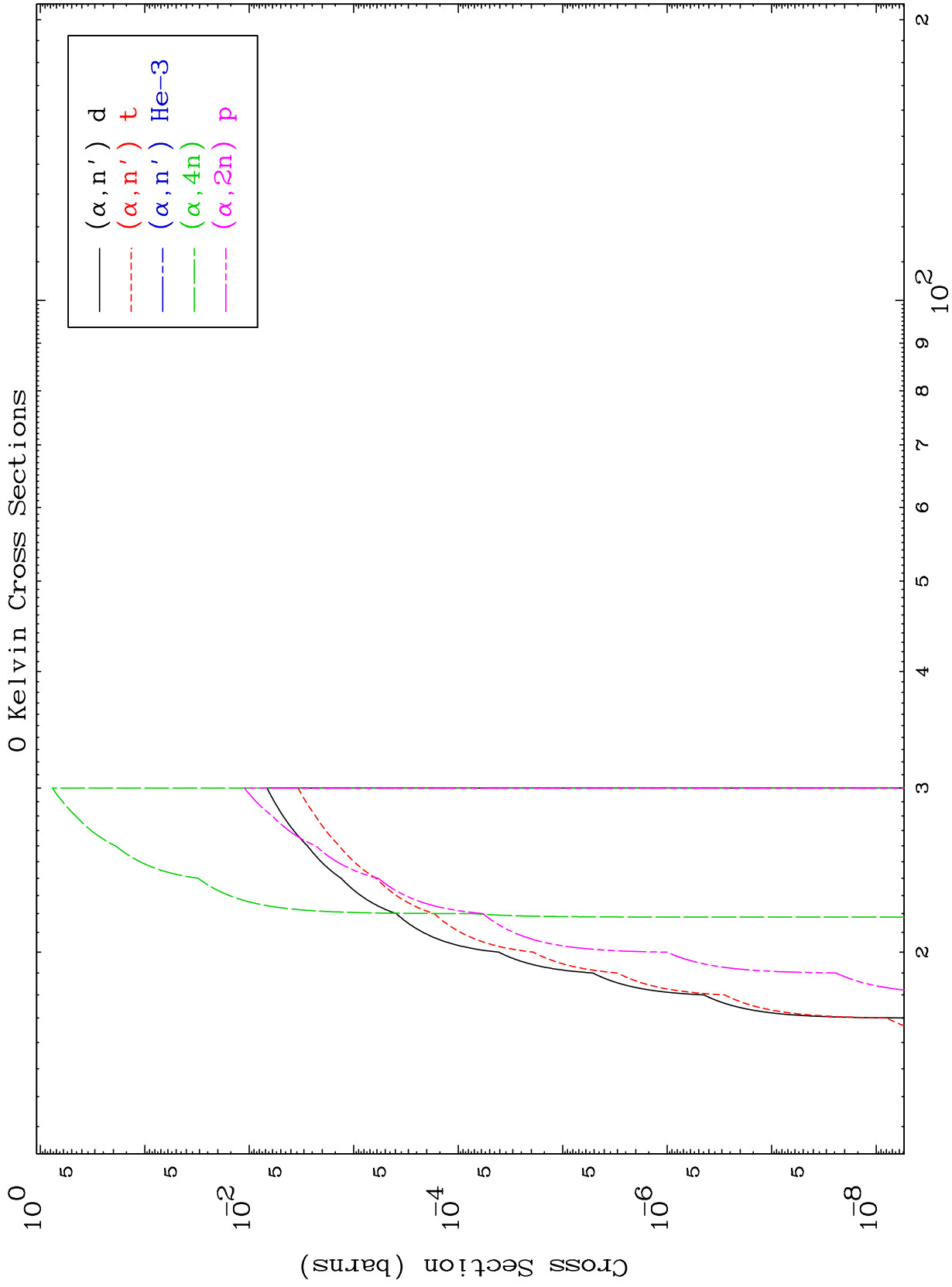
49-In-126

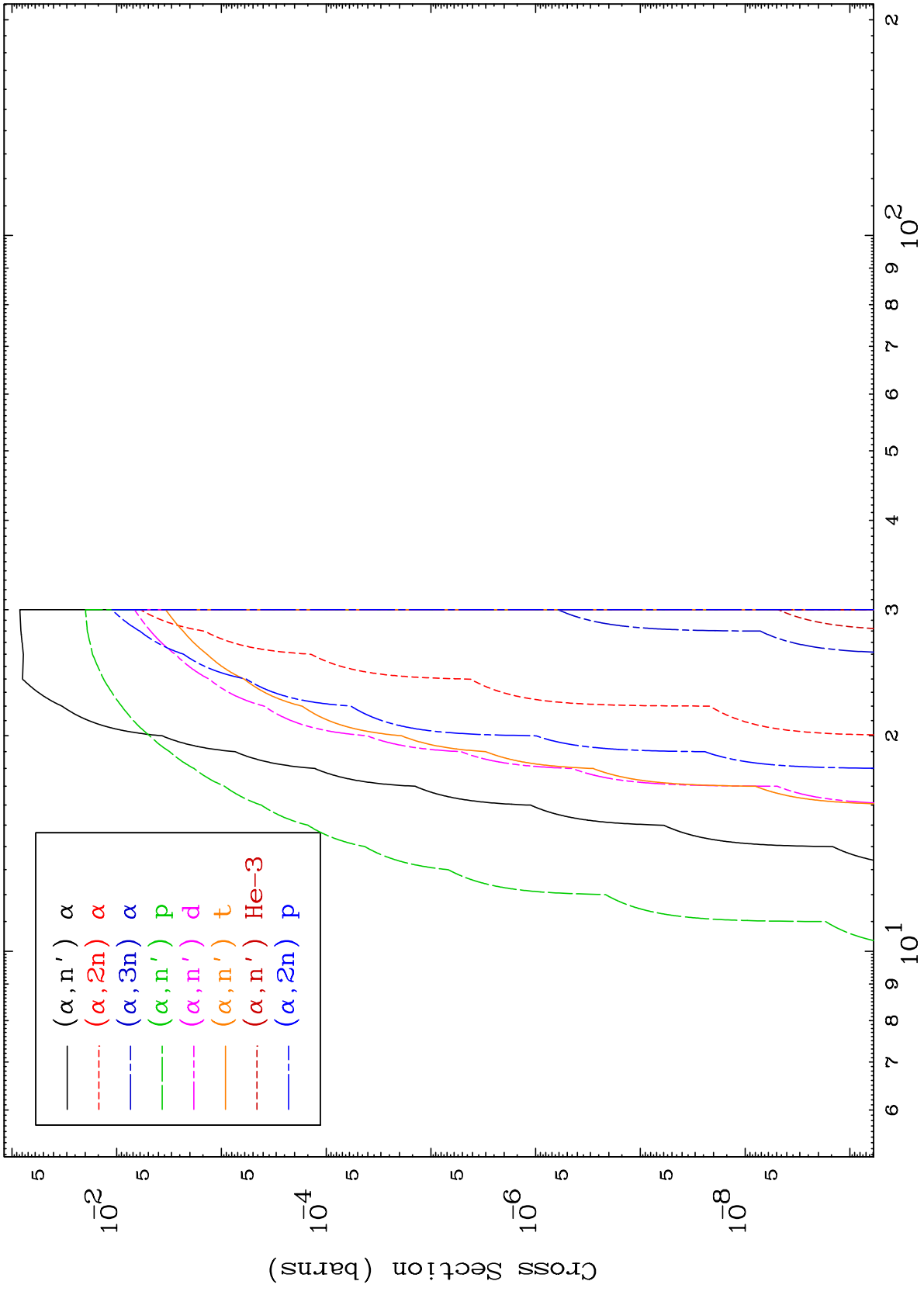


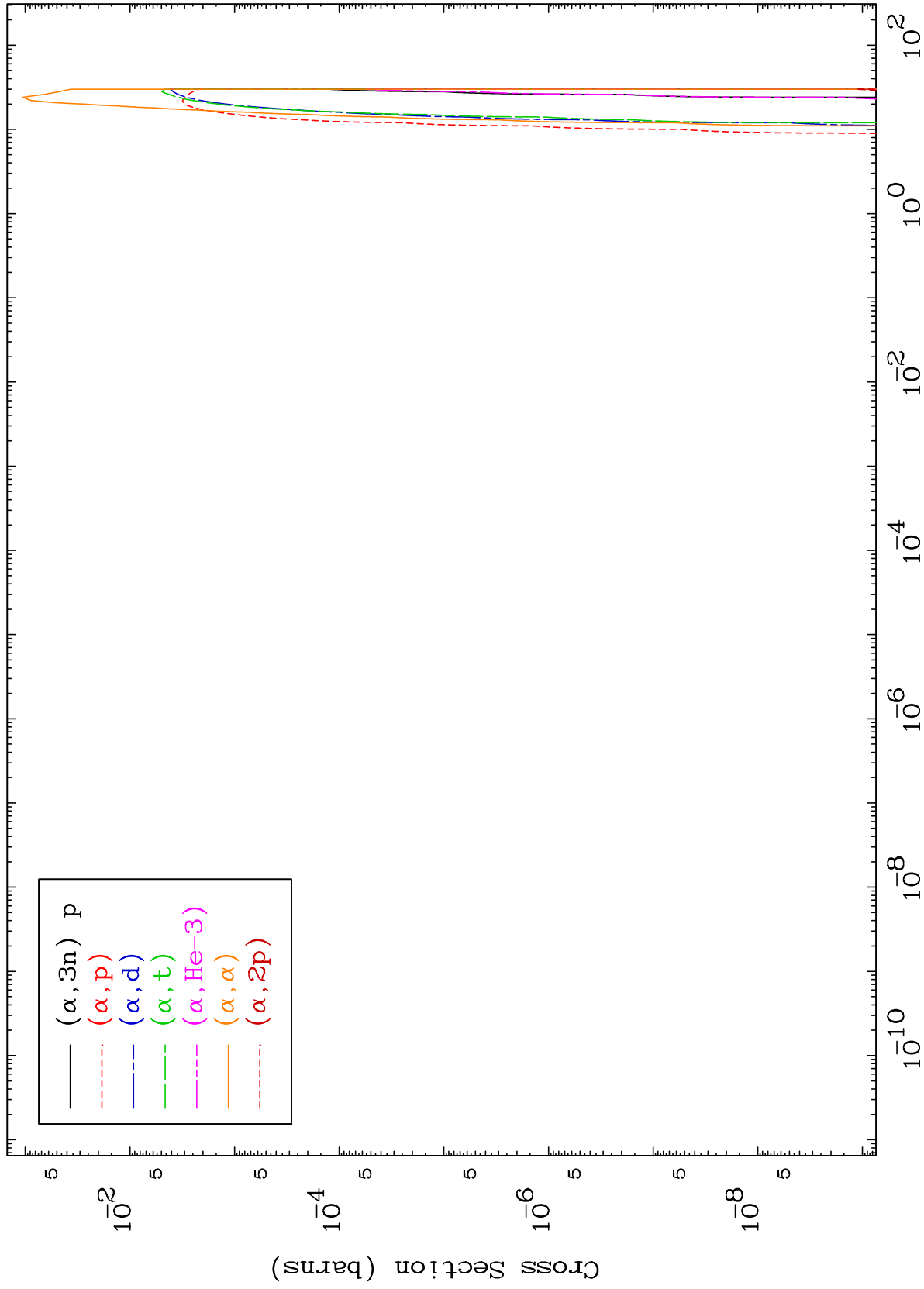
2

Incident Energy (MeV)

49-In-126



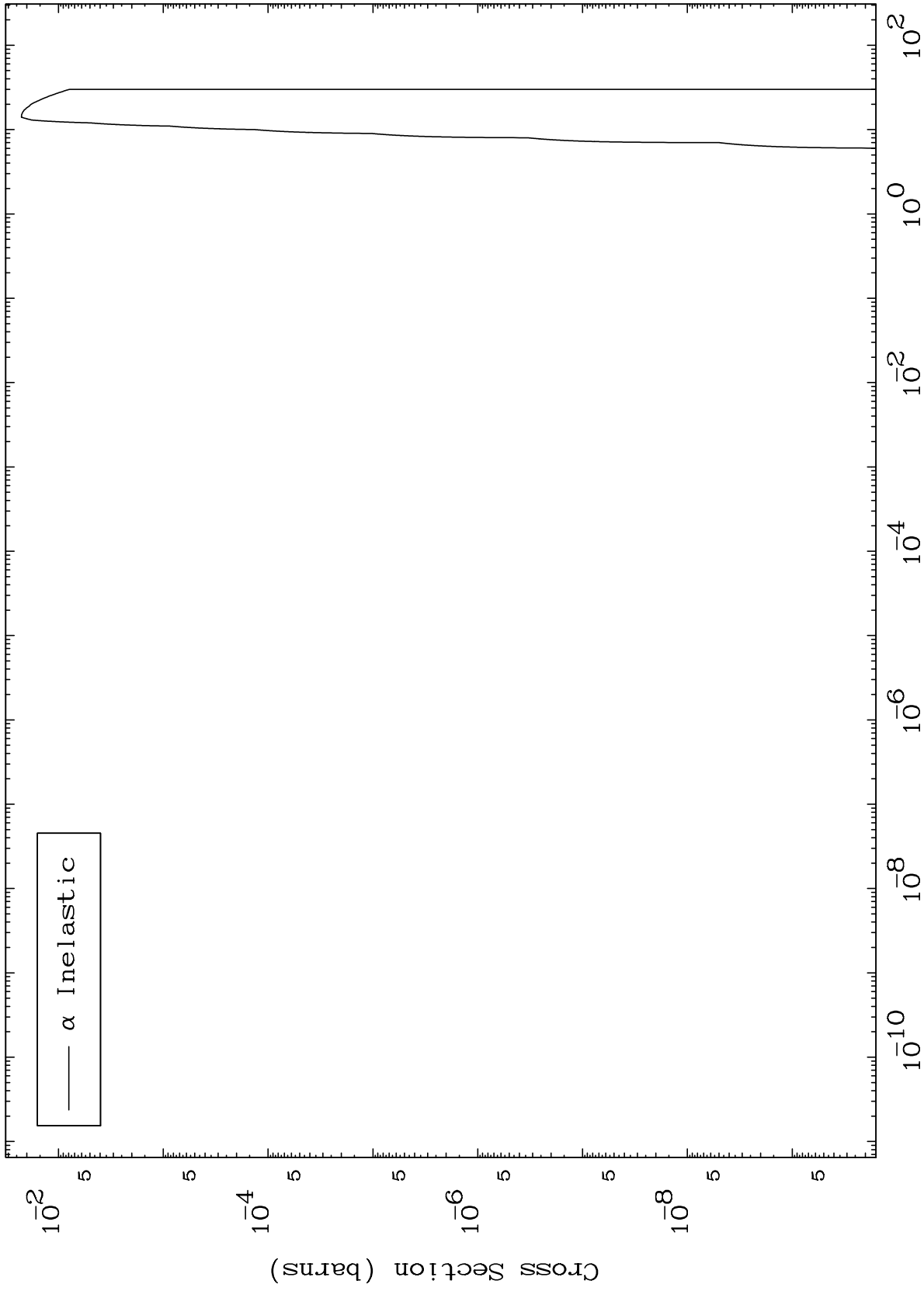




MAT 4965

(α, n') Level
0 Kelvin Cross Sections

49-In-126

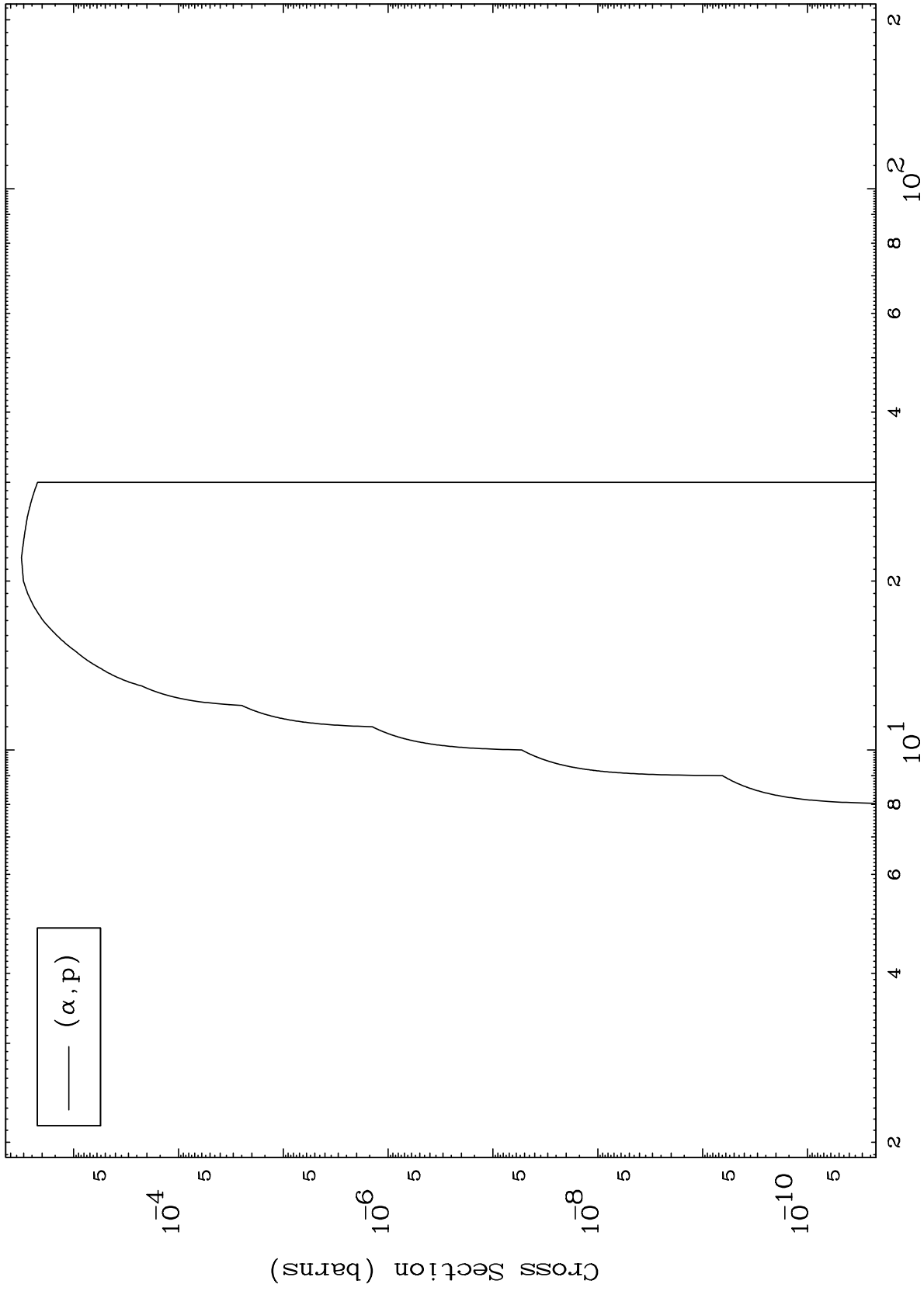


— α Inelastic

MAT 4965

(α, p) Levels
0 Kelvin Cross Sections

49-In-126



7

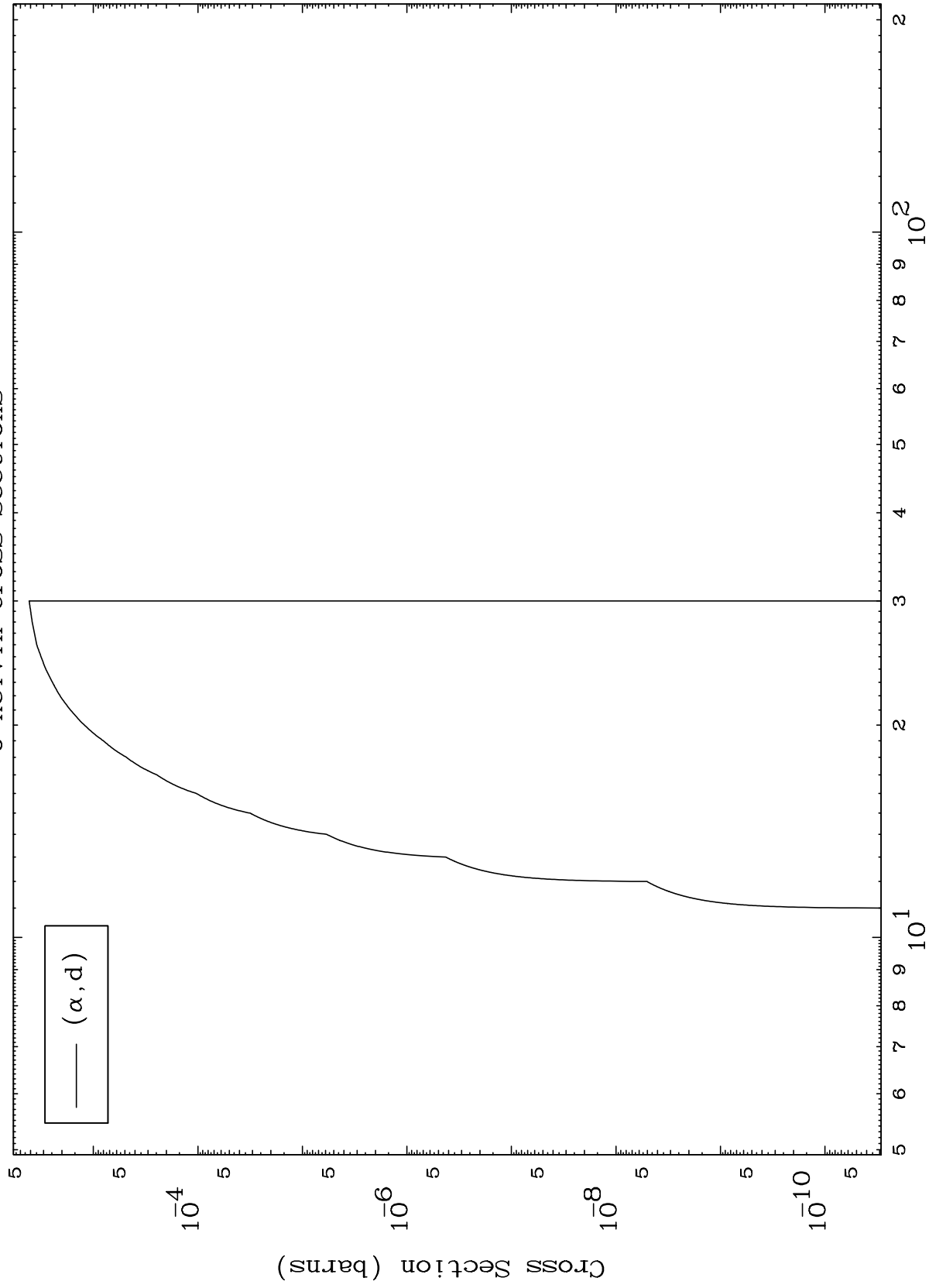
Incident Energy (MeV)

49-In-126

MAT 4965

(α, d) Levels
0 Kelvin Cross Sections

49-In-126



8

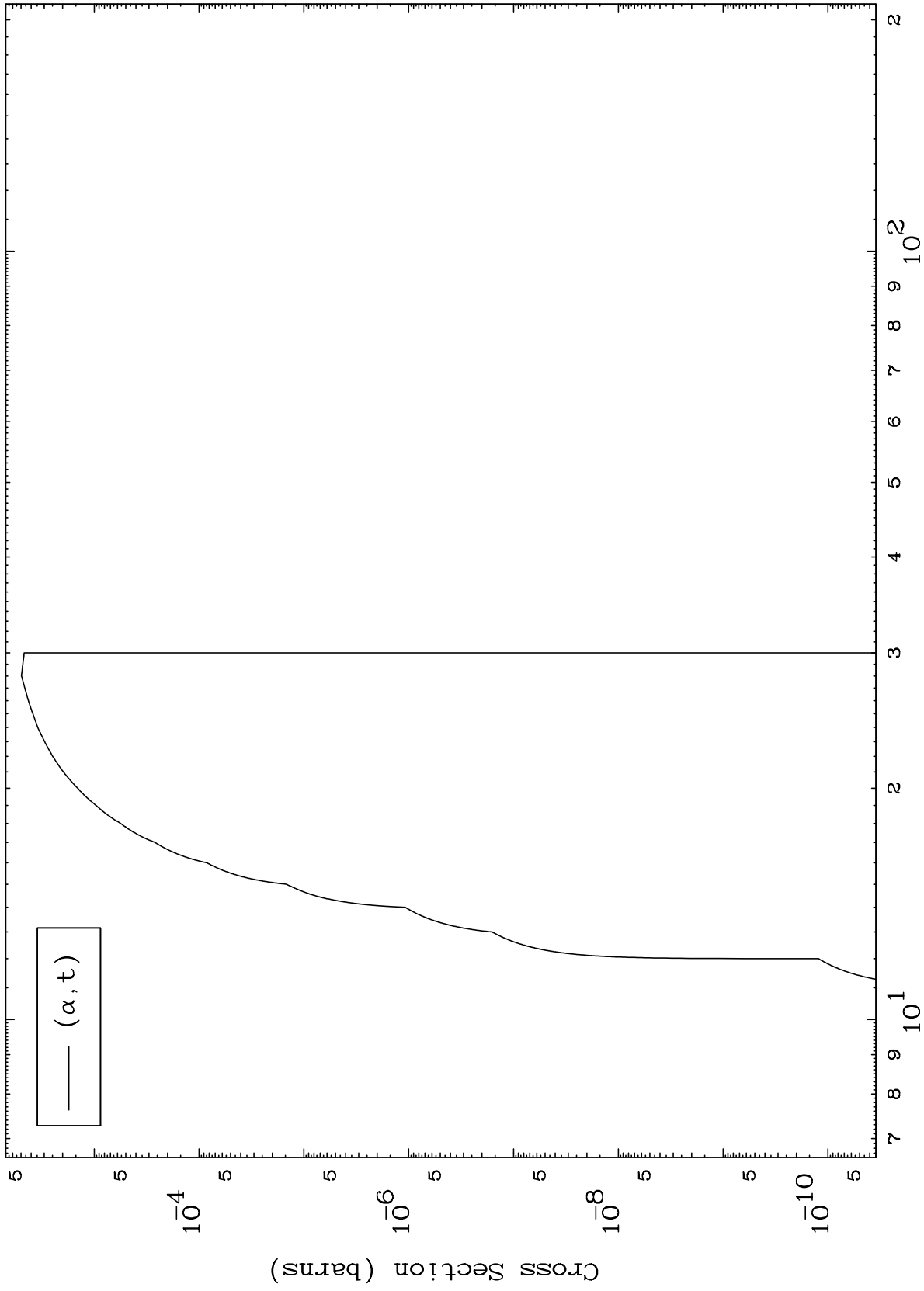
Incident Energy (MeV)

49-In-126

MAT 4965

(α, t) Levels
0 Kelvin Cross Sections

49-In-126



9

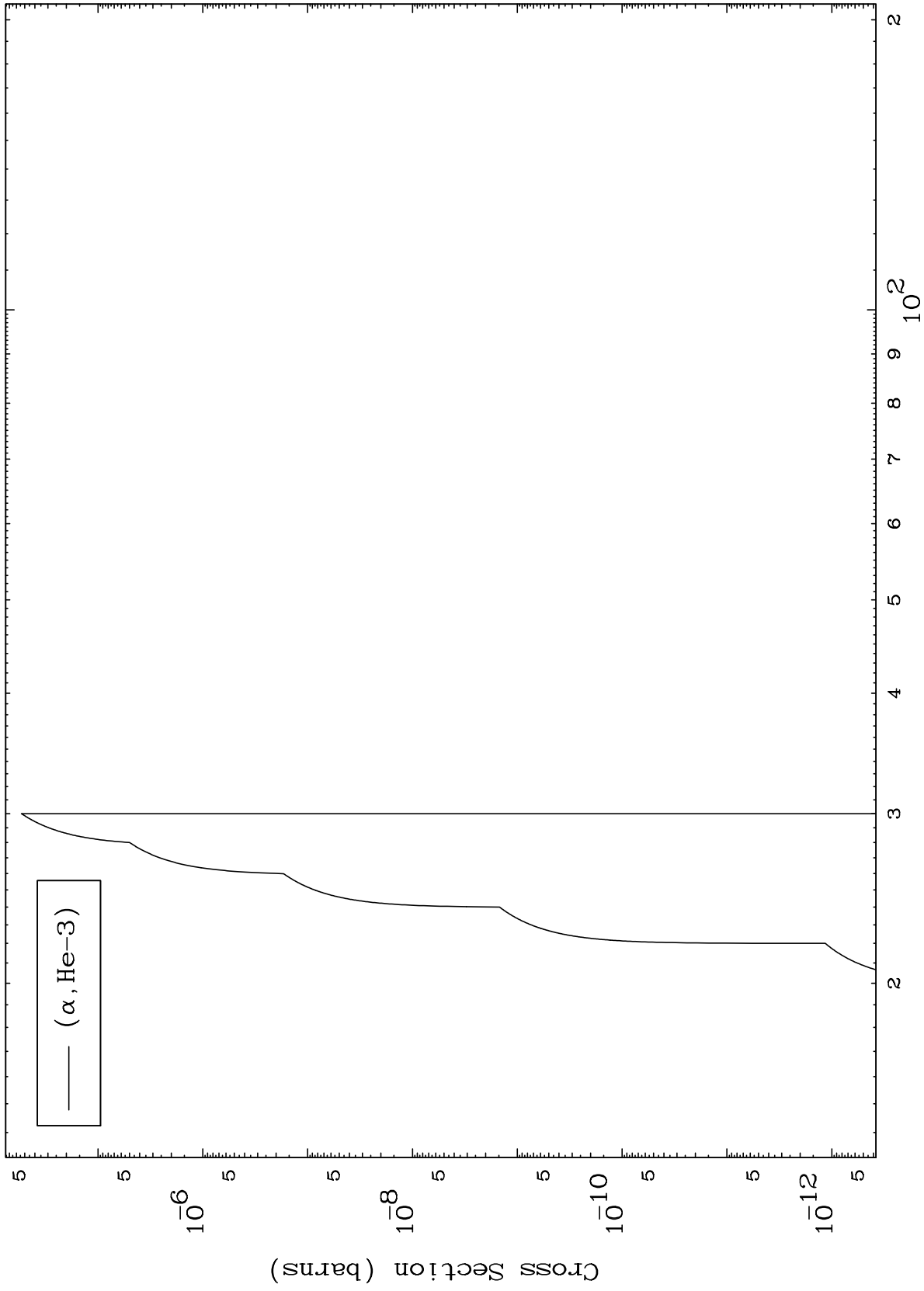
Incident Energy (MeV)

49-In-126

MAT 4965

(α ,He3) Levels
0 Kelvin Cross Sections

49-In-126



10

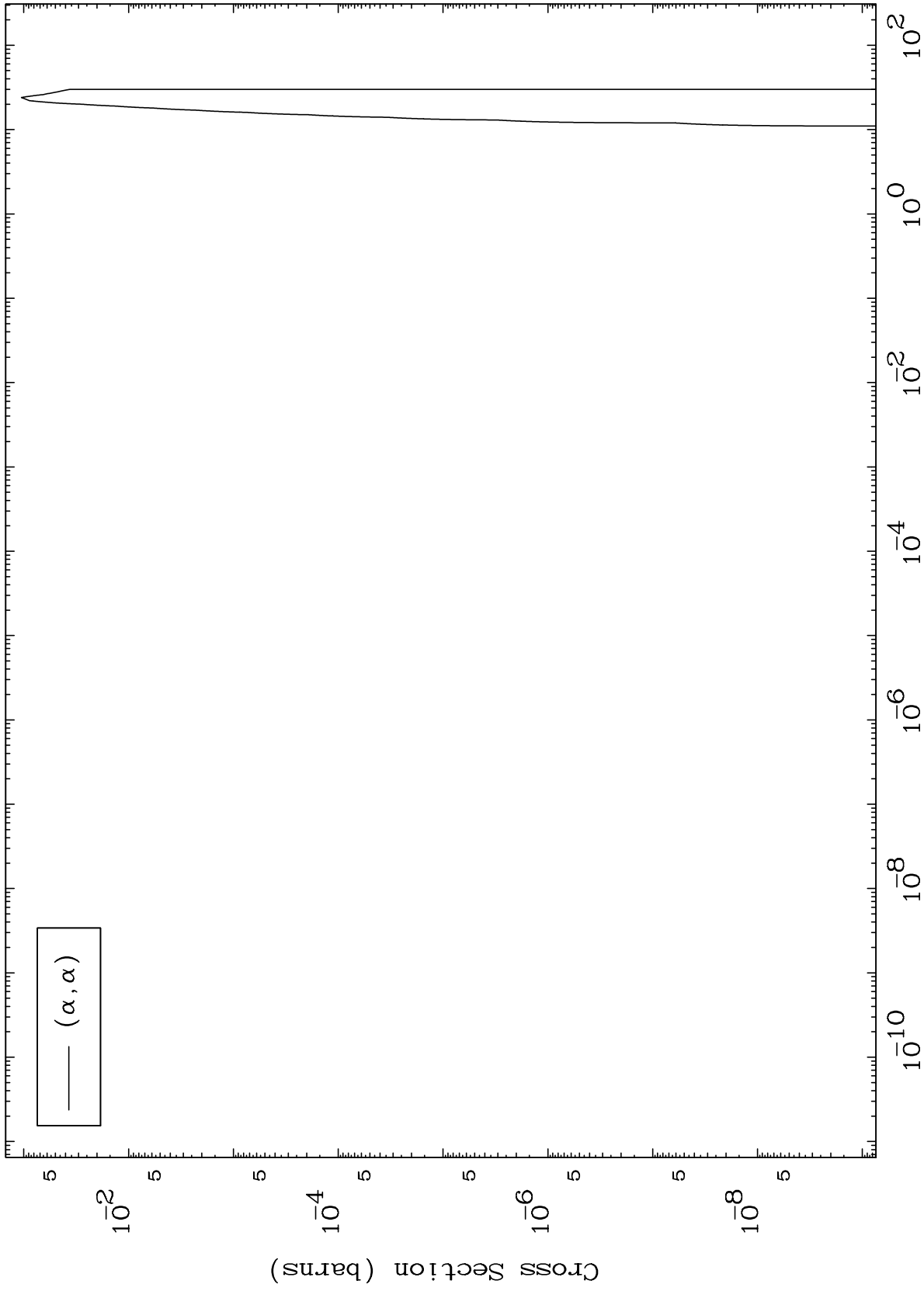
Incident Energy (MeV)

49-In-126

MAT 4965

(α, α) Levels
0 Kelvin Cross Sections

49-In-126



11

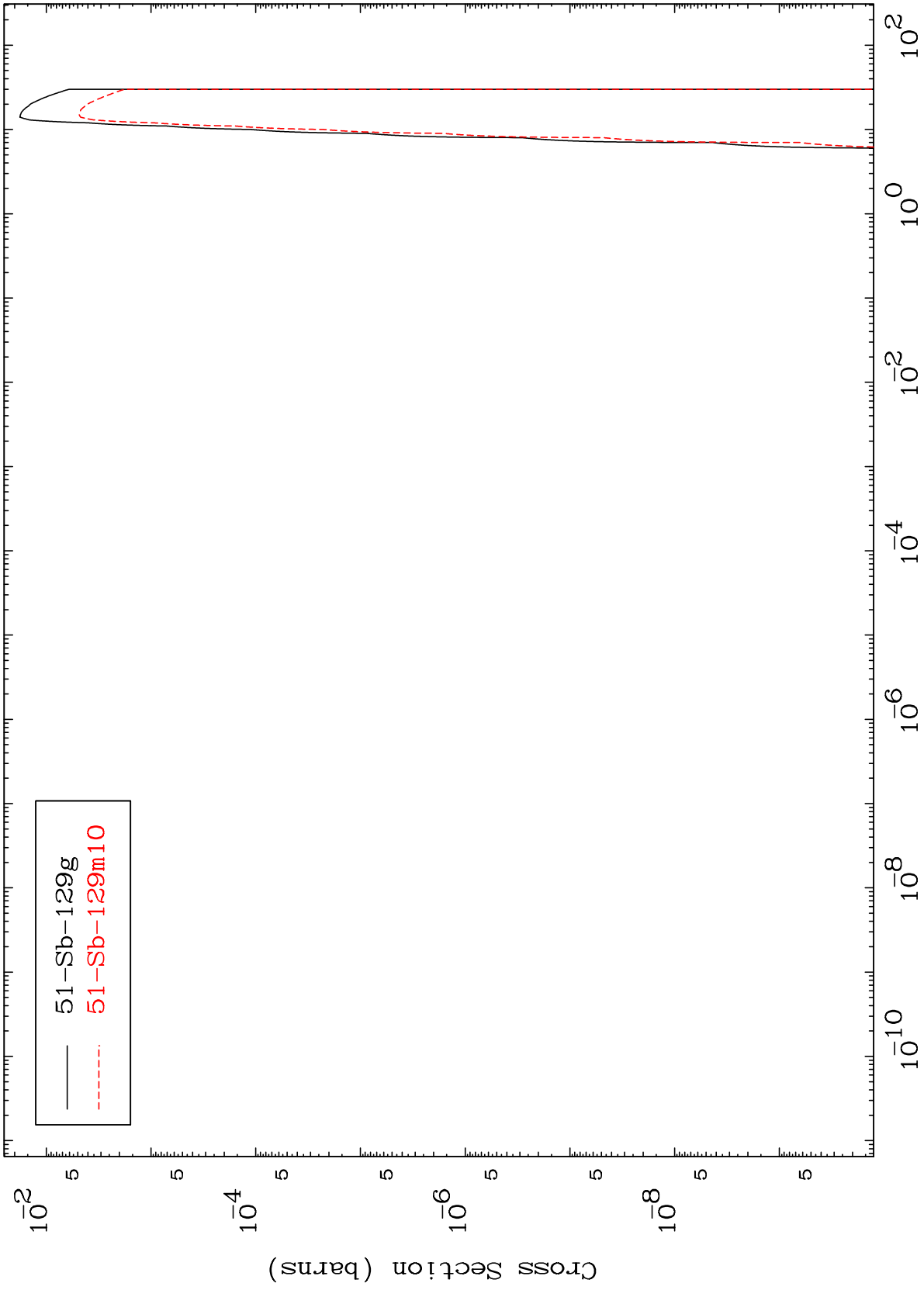
Incident Energy (MeV)

49-In-126

MAT 4965

α Inelastic
Radionuclide Production Cross Section

49-In-126

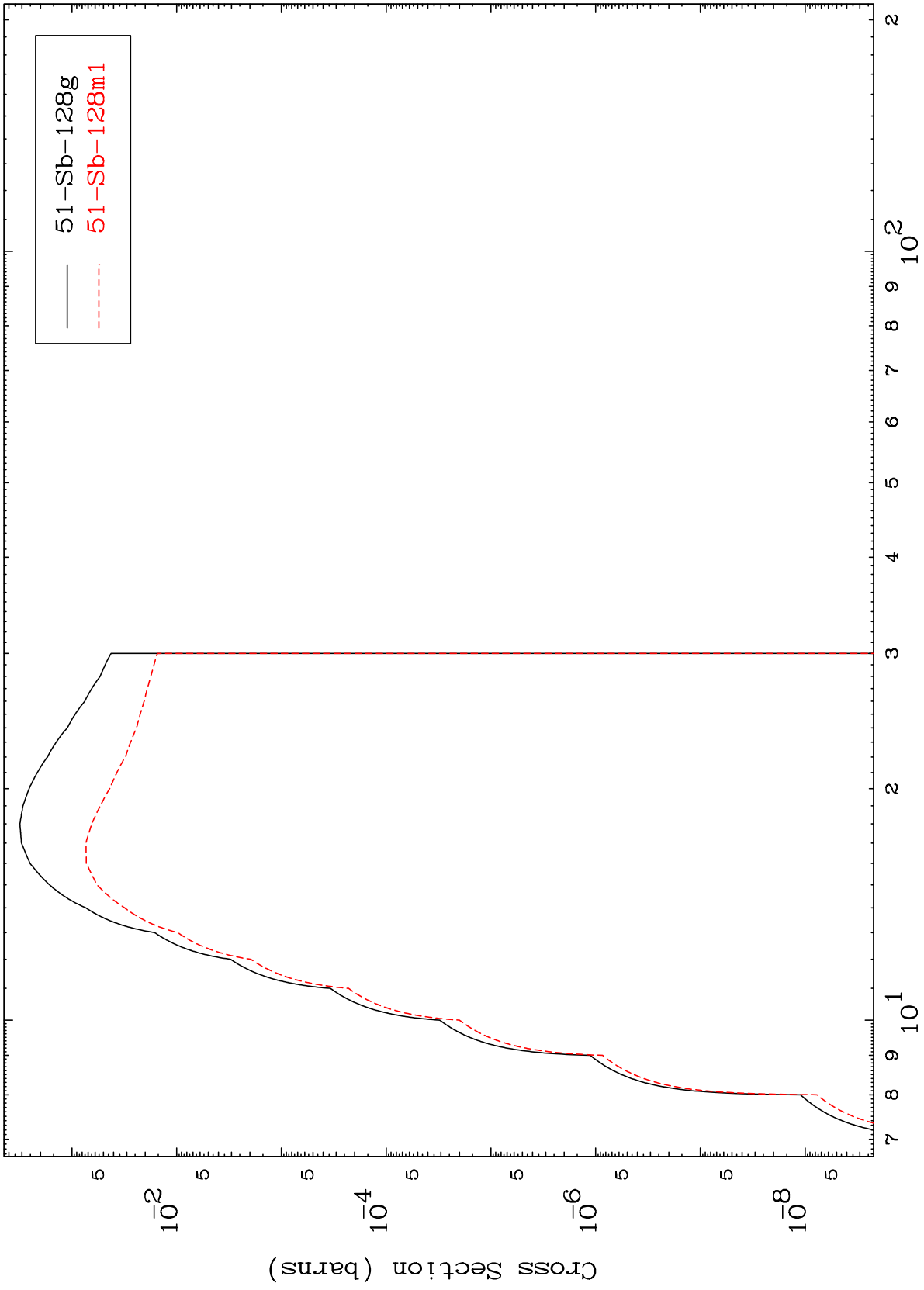


49-In-126

MAT 4965

49-In-126

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



13

Incident Energy (MeV)

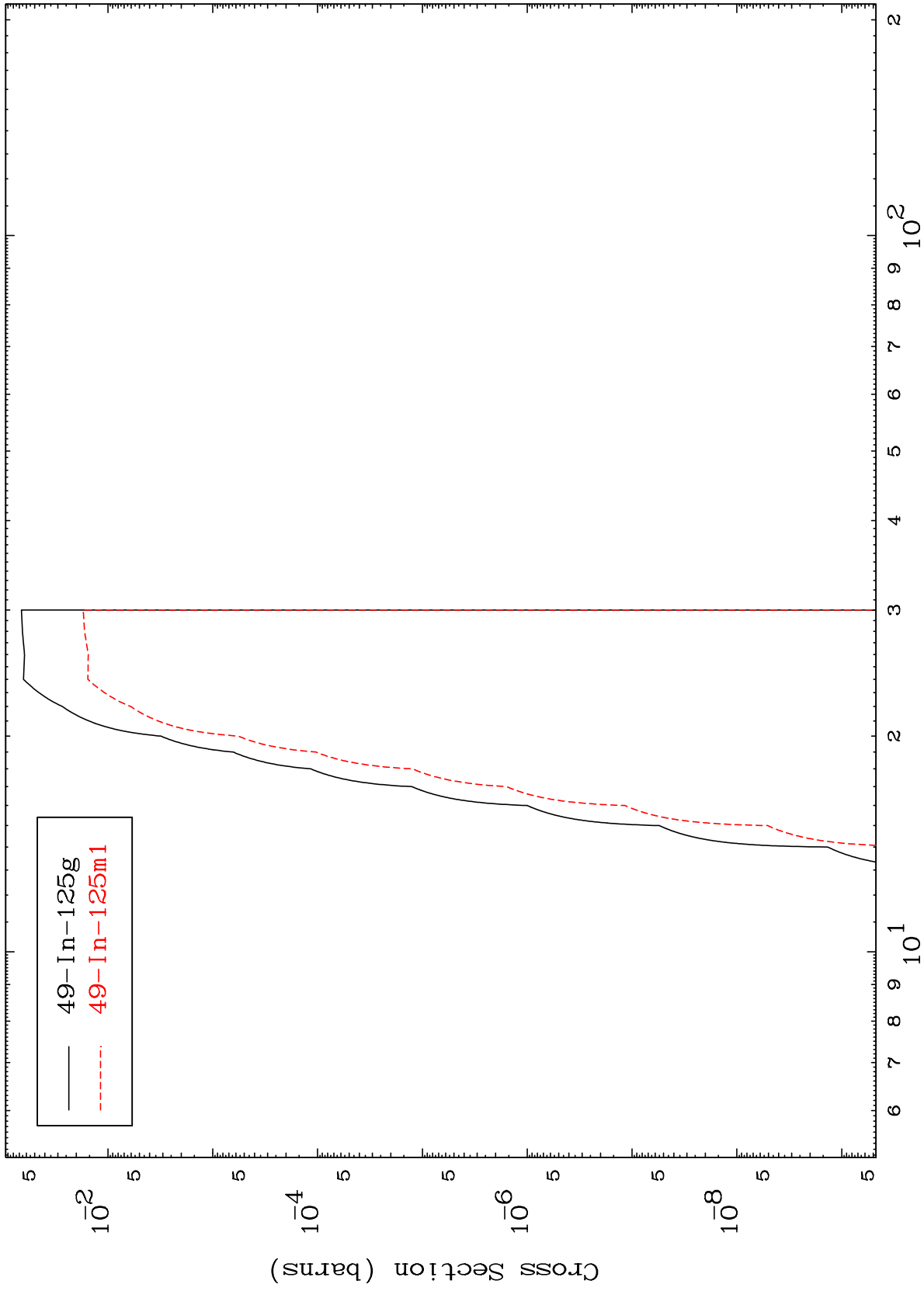
49-In-126

MAT 4965

(α, n') α

49-In-126

Radionuclide Production Cross Section



14

Incident Energy (MeV)

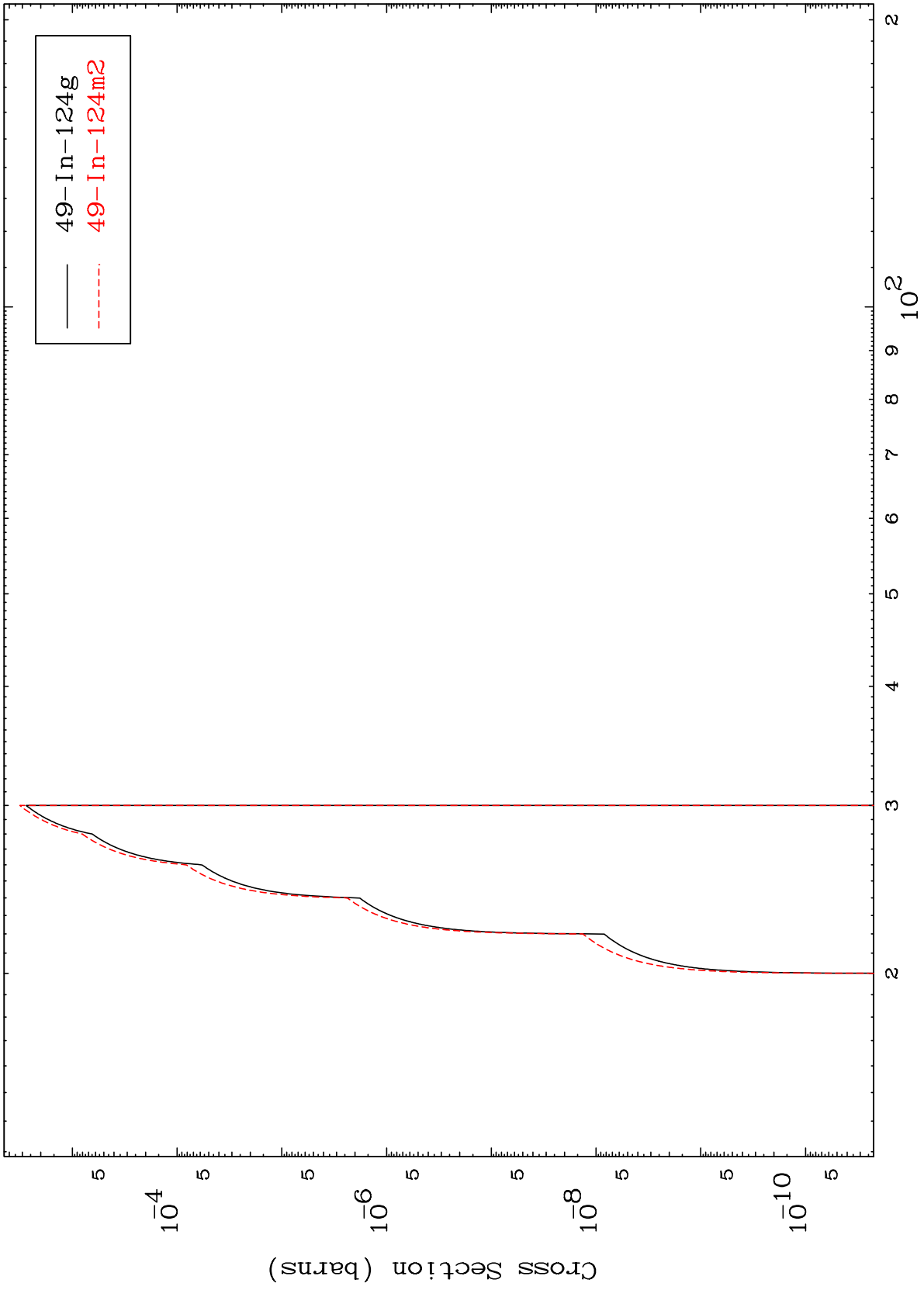
49-In-126

MAT 4965

($\alpha, 2n$) α

49-In-126

Radionuclide Production Cross Section



15

Incident Energy (MeV)

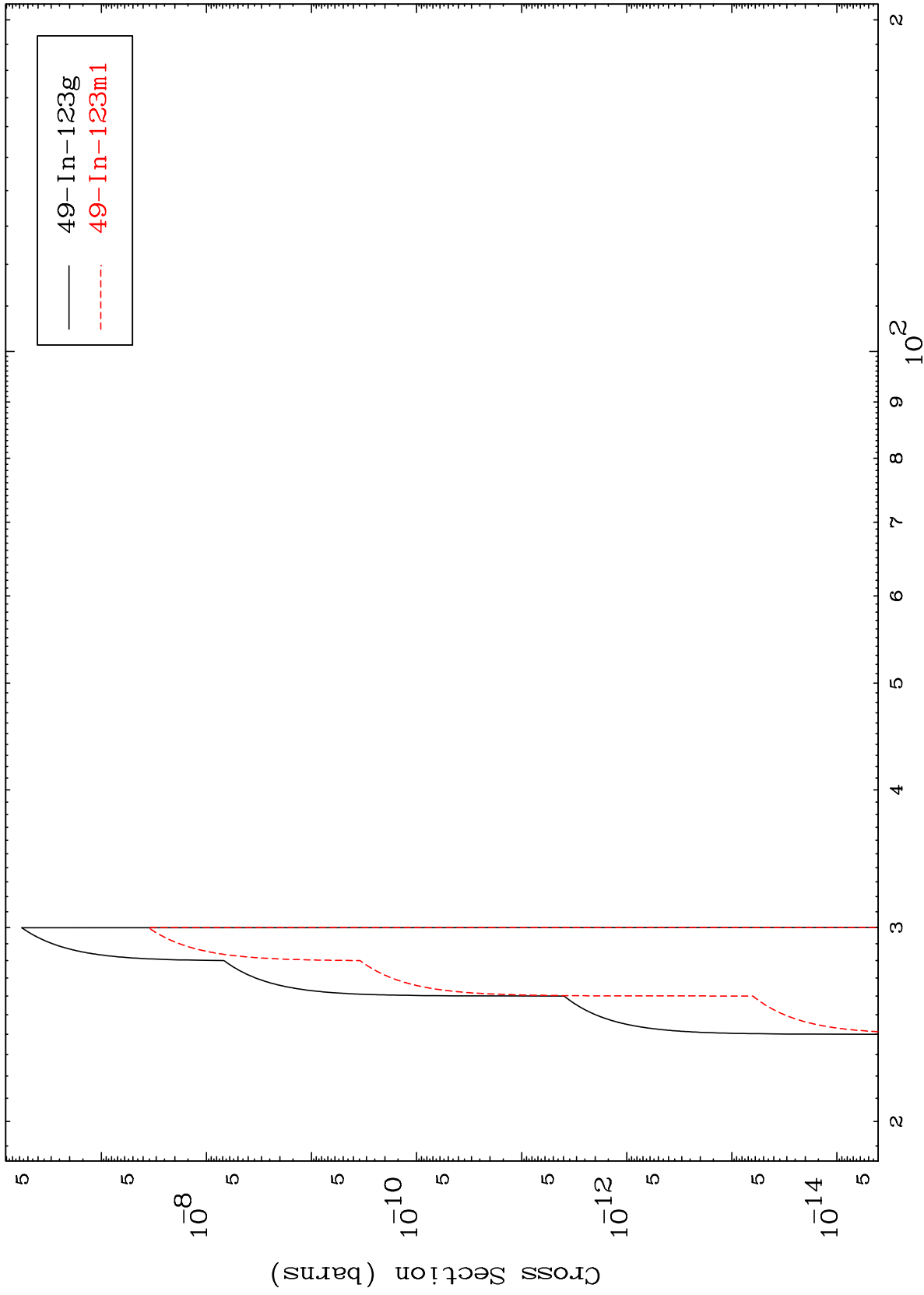
49-In-126

MAT 4965

($\alpha, 3n$) α

49-In-126

Radionuclide Production Cross Section



16

Incident Energy (MeV)

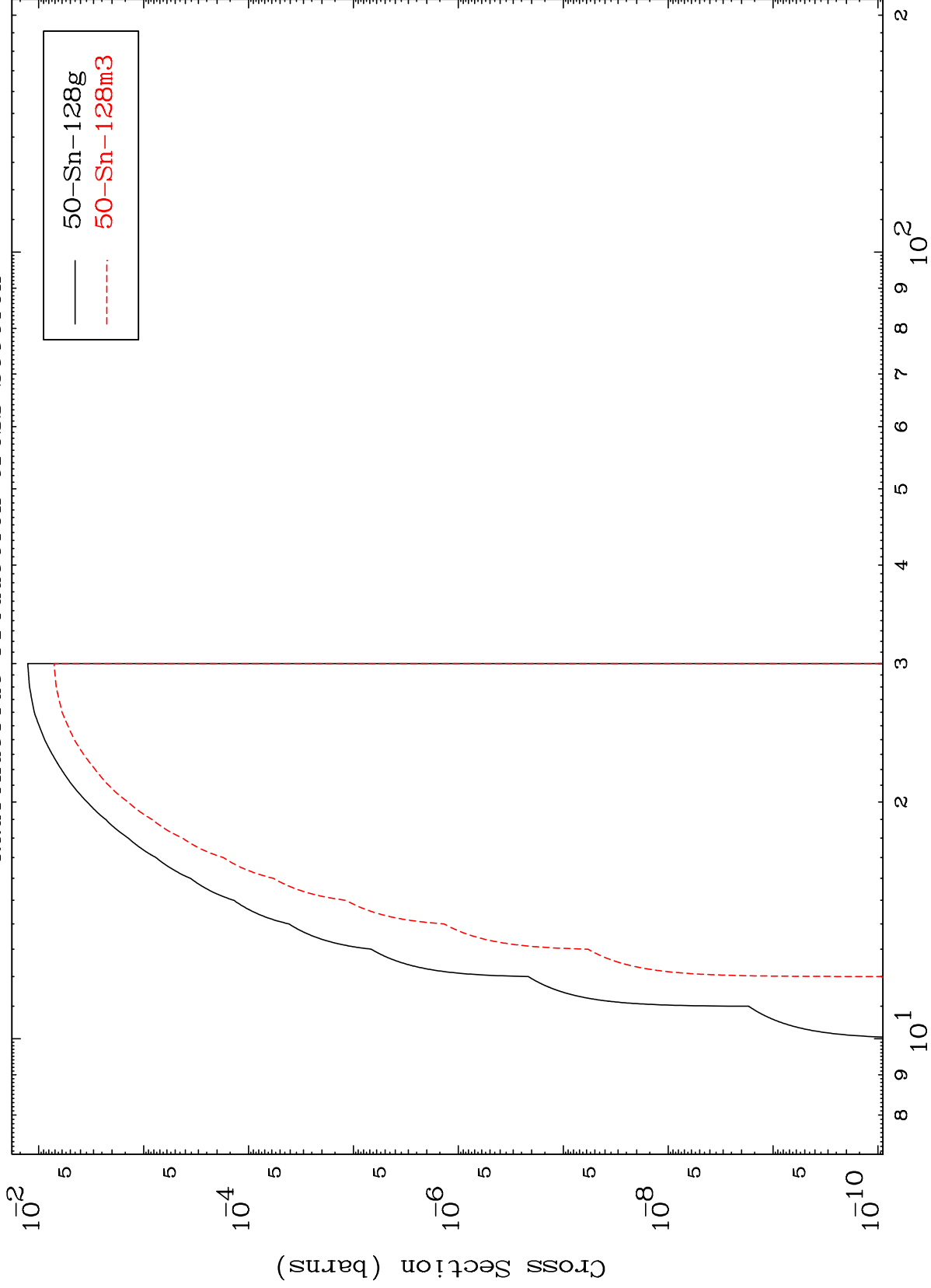
49-In-126

MAT 4965

(α, n') p

49-In-126

Radionuclide Production Cross Section



17

Incident Energy (MeV)

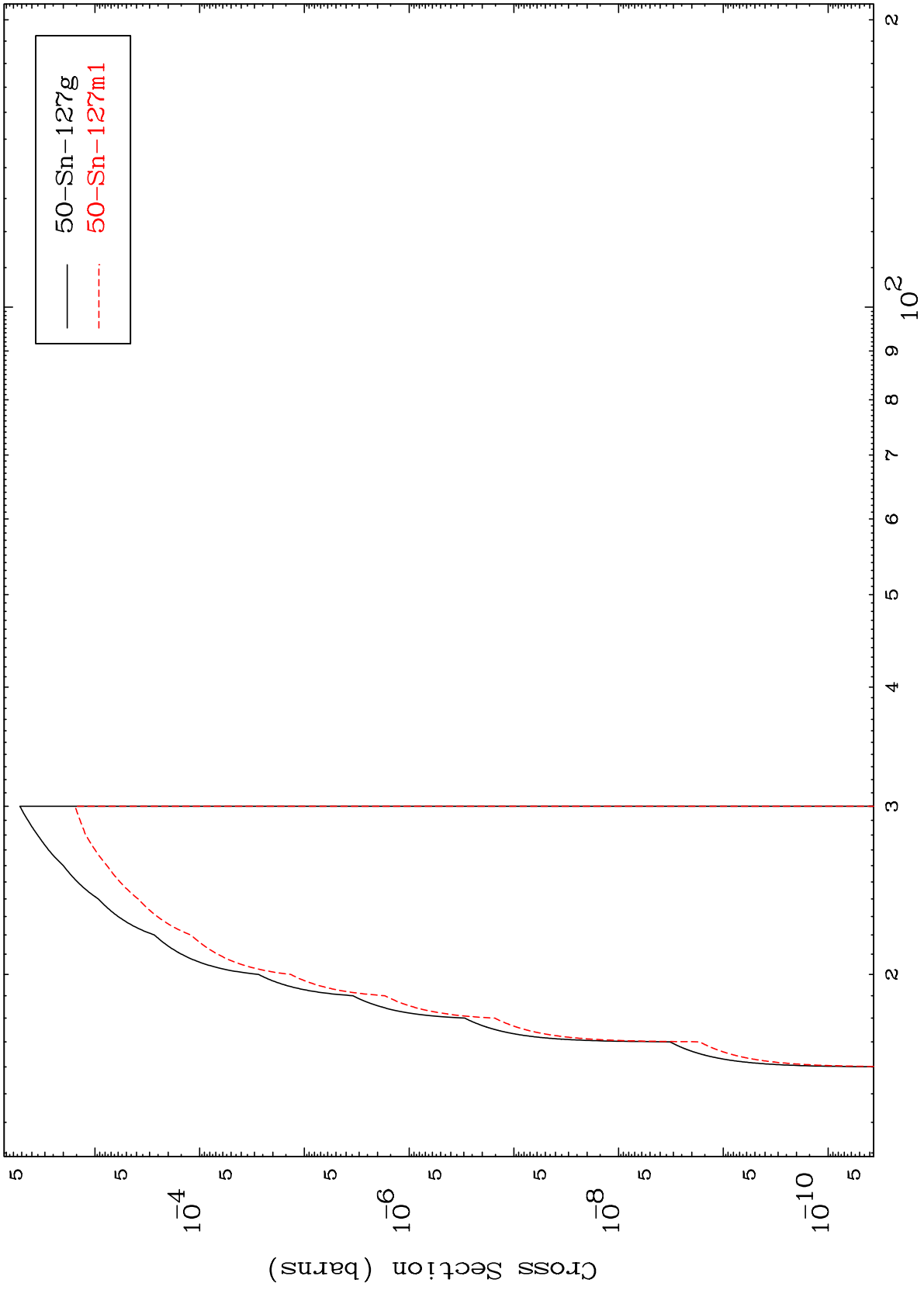
49-In-126

MAT 4965

(α, n') d

49-In-126

Radionuclide Production Cross Section

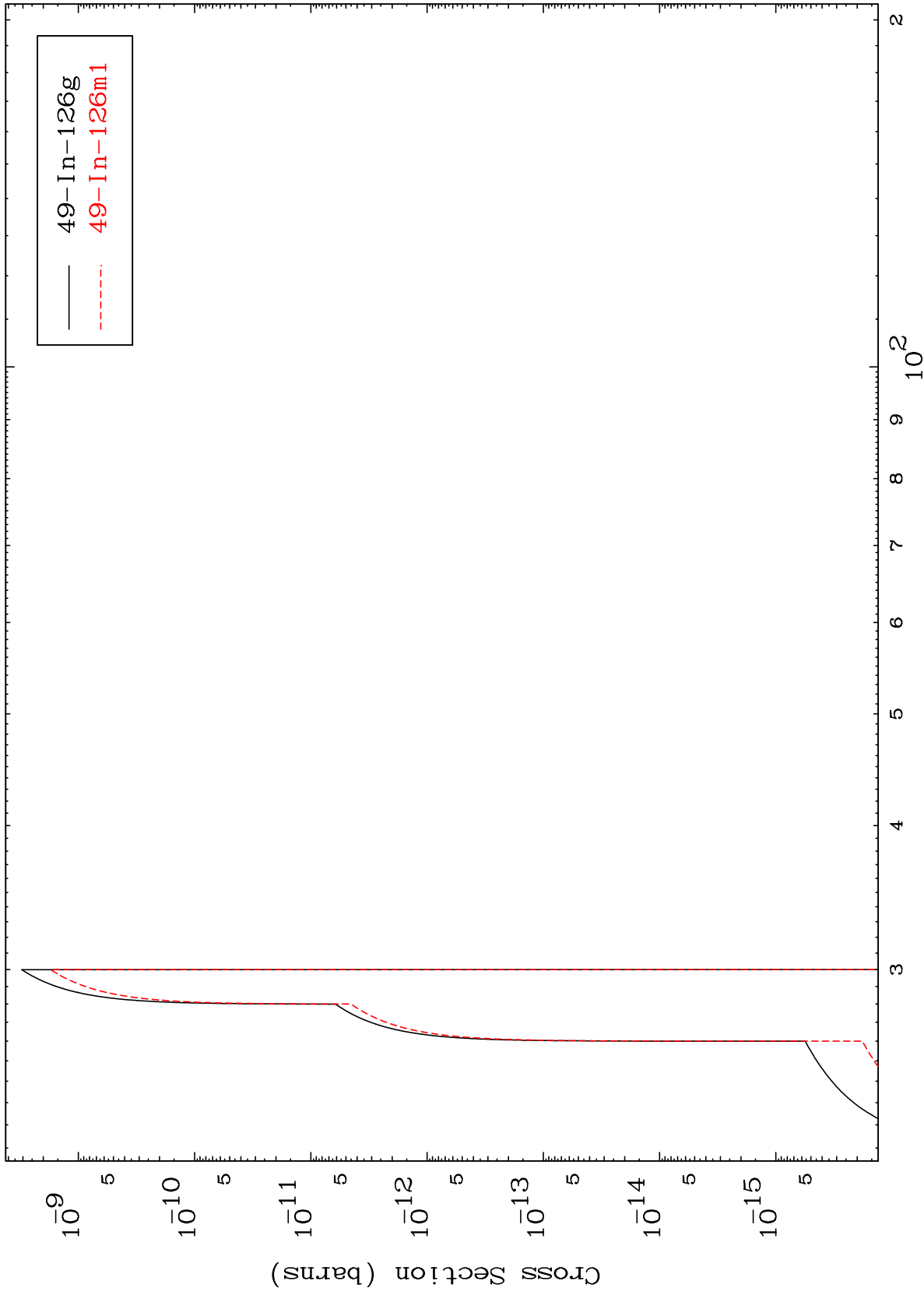


18

Incident Energy (MeV)

49-In-126

Radionuclide Production Cross Section

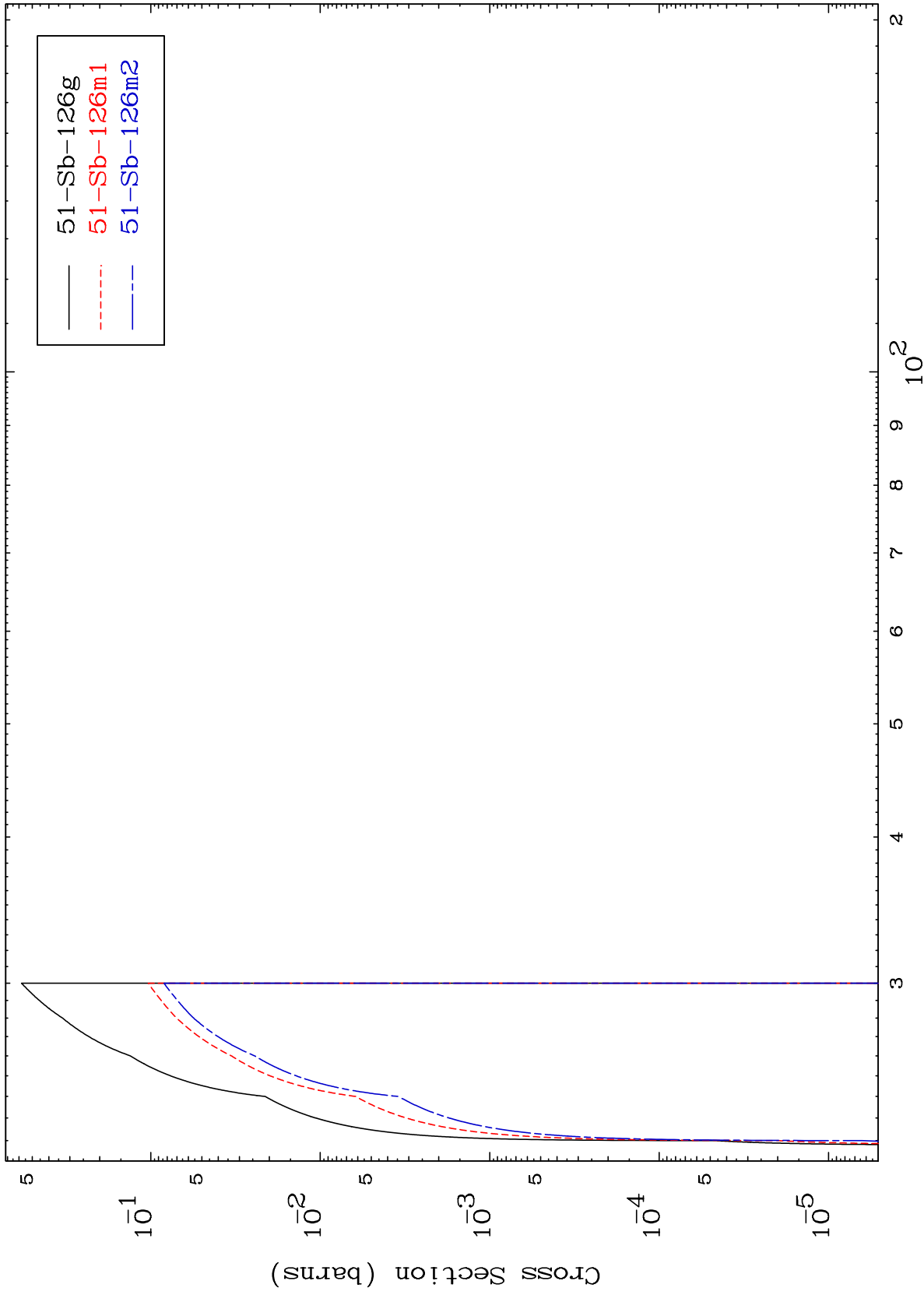


MAT 4965

($\alpha, 4n$)

49-In-126

Radionuclide Production Cross Section



20

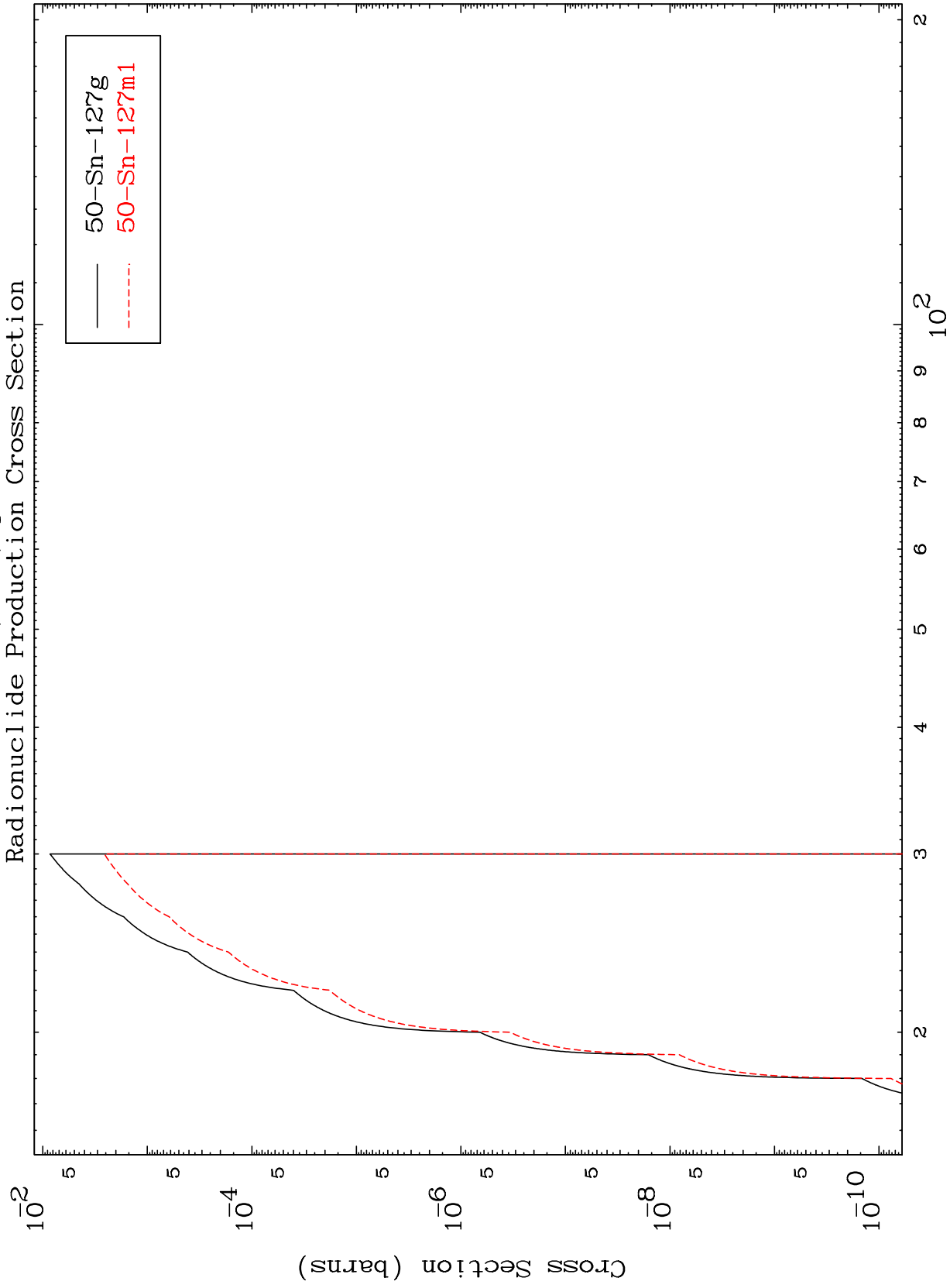
Incident Energy (MeV)

49-In-126

MAT 4965

($\alpha, 2n$) p

49-In-126



21

49-In-126

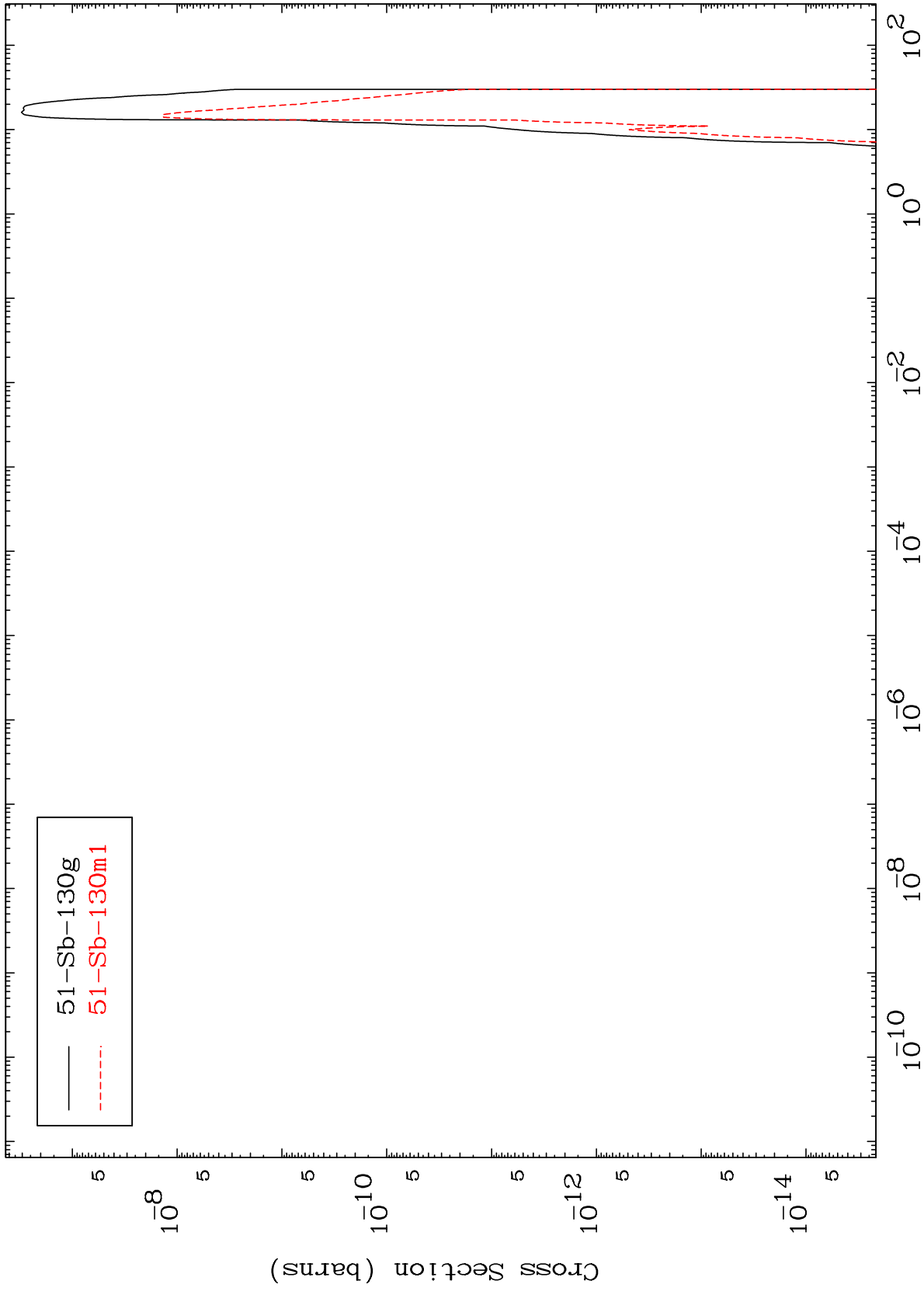
49-In-126

MAT 4965

(α, γ)

49-In-126

Radionuclide Production Cross Section



22

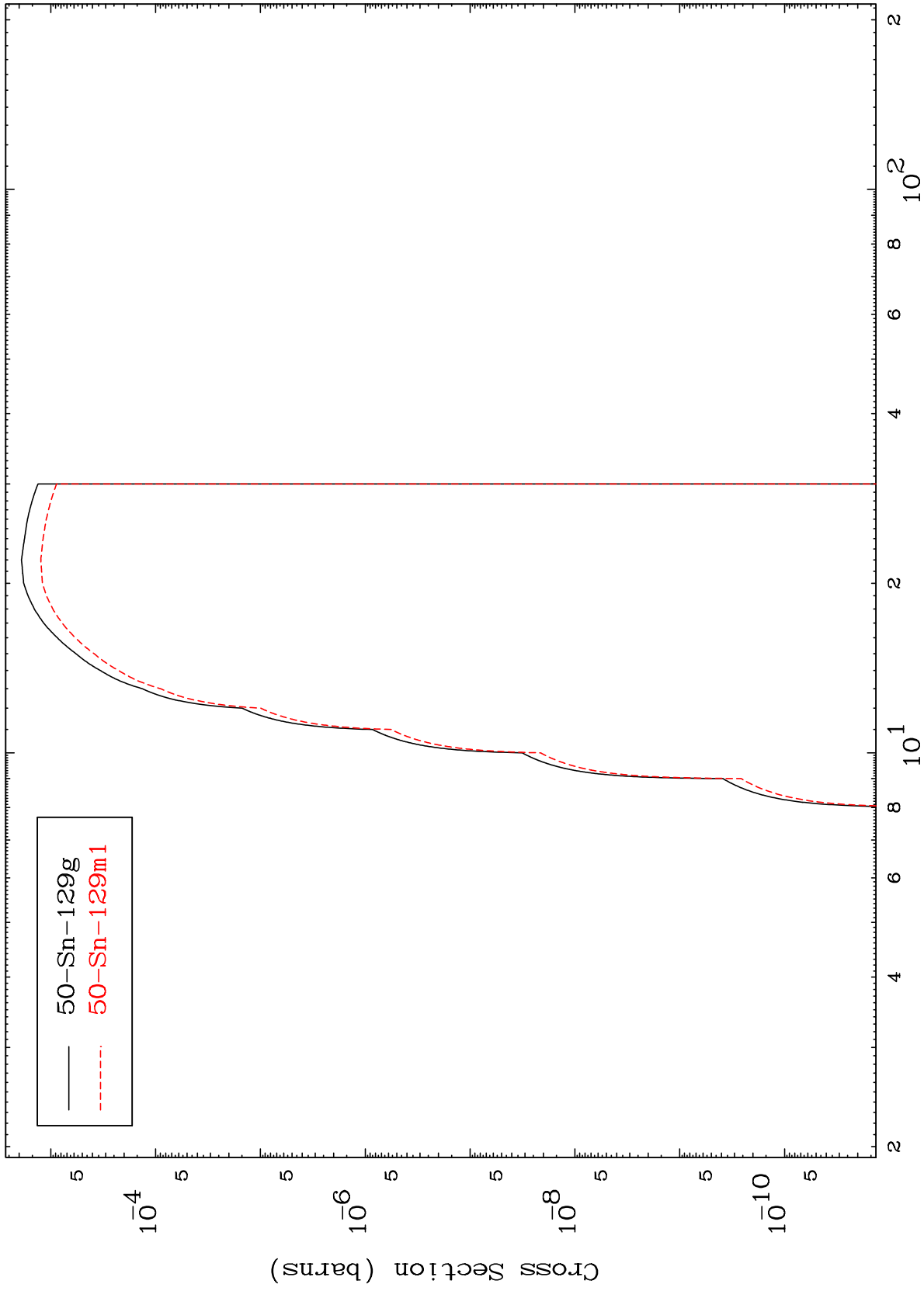
Incident Energy (MeV)

49-In-126

MAT 4965

49-In-126

(α, p)
Radionuclide Production Cross Section



23

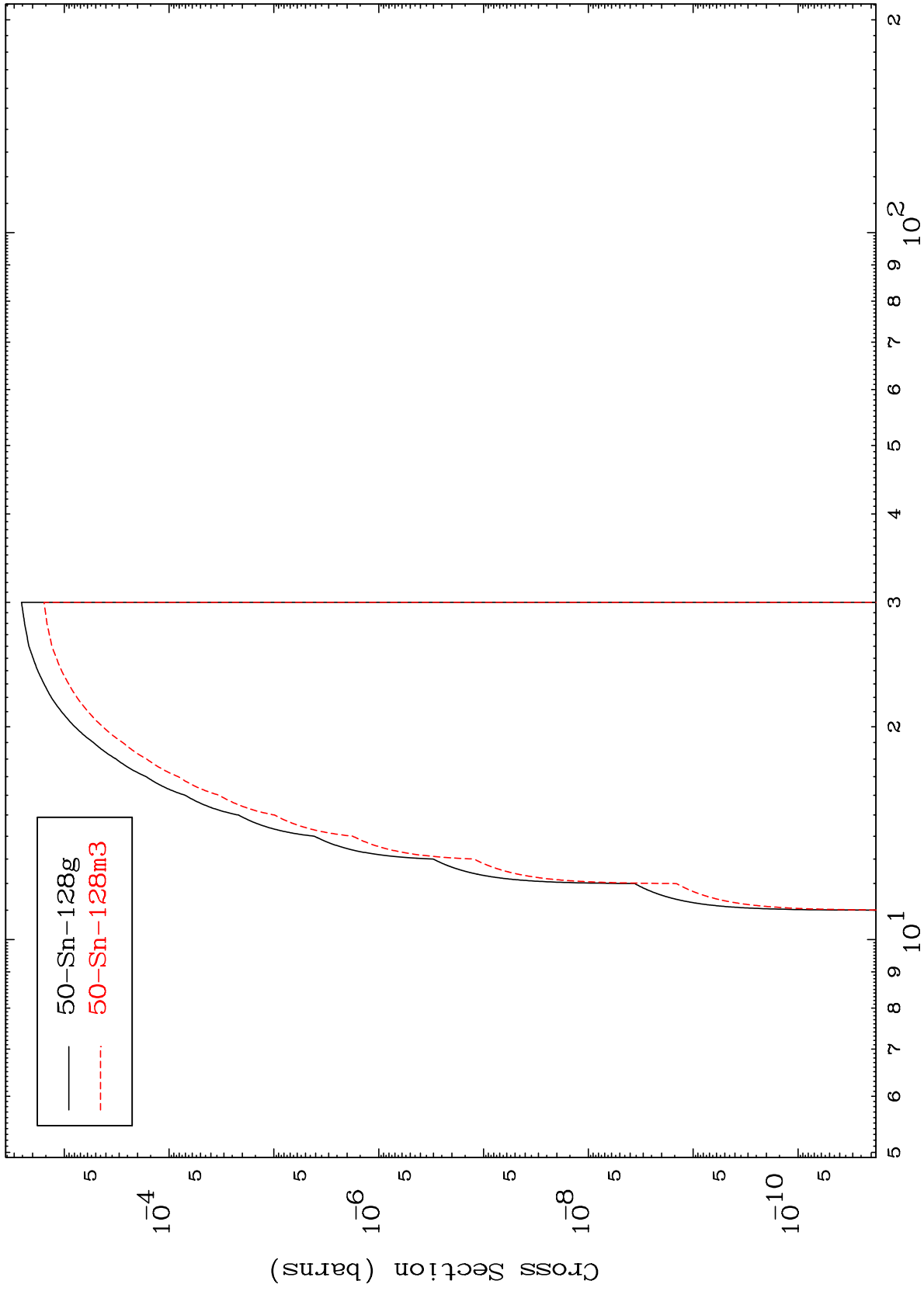
49-In-126

MAT 4965

(α, d)

49-In-126

Radionuclide Production Cross Section



24

Incident Energy (MeV)

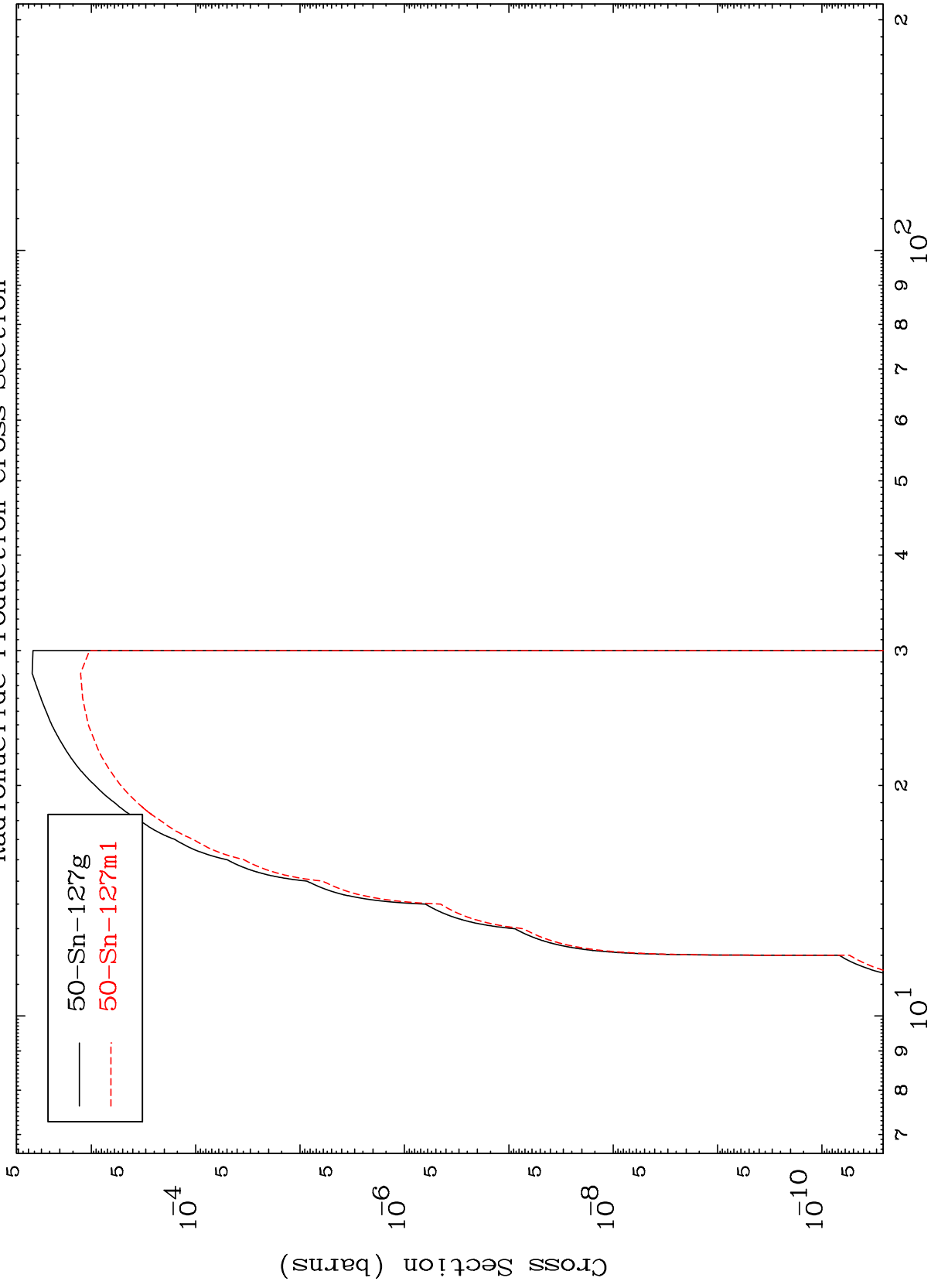
49-In-126

MAT 4965

(α, t)

49-In-126

Radionuclide Production Cross Section



25

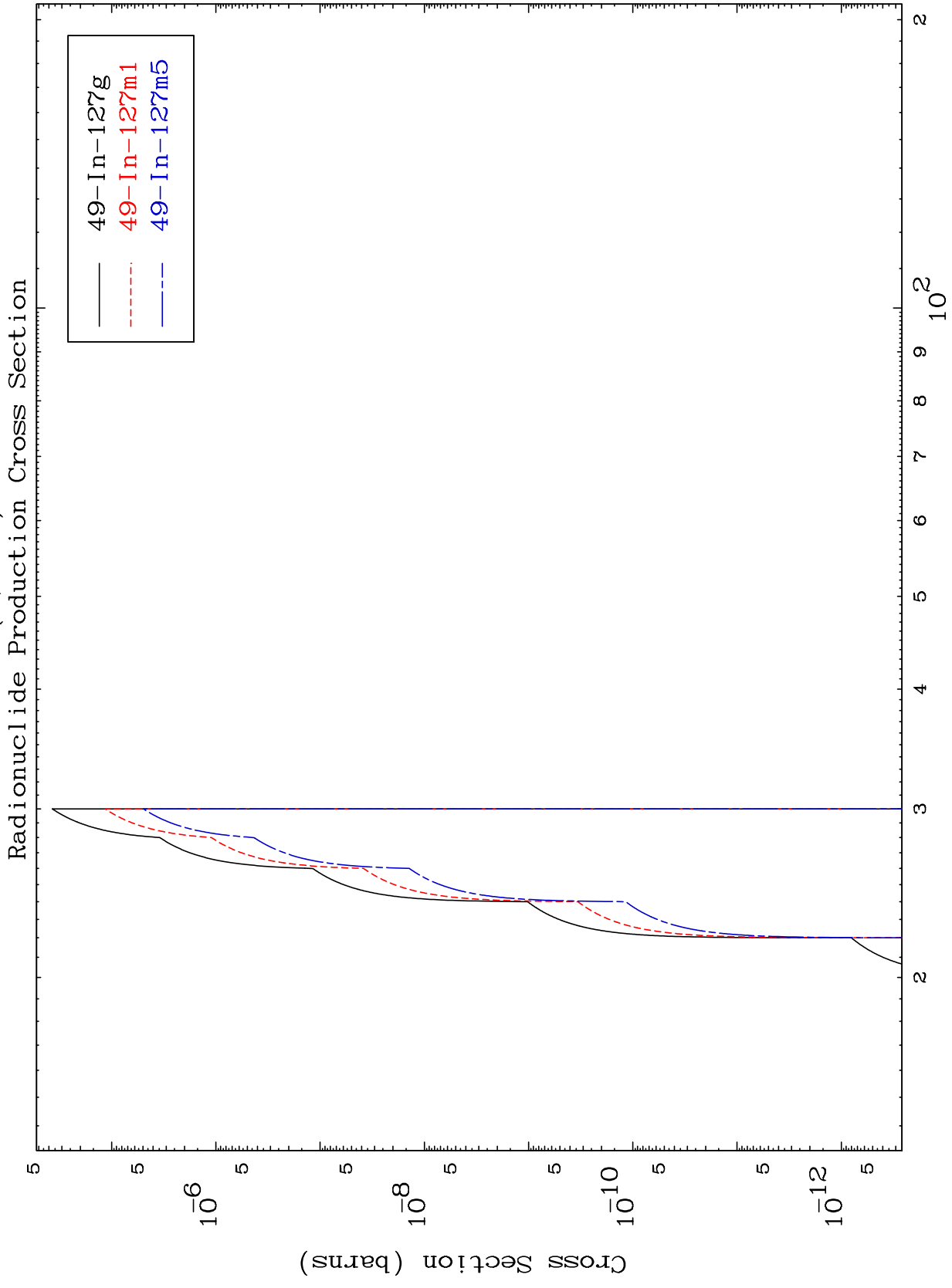
Incident Energy (MeV)

49-In-126

MAT 4965

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

49-In-126



26

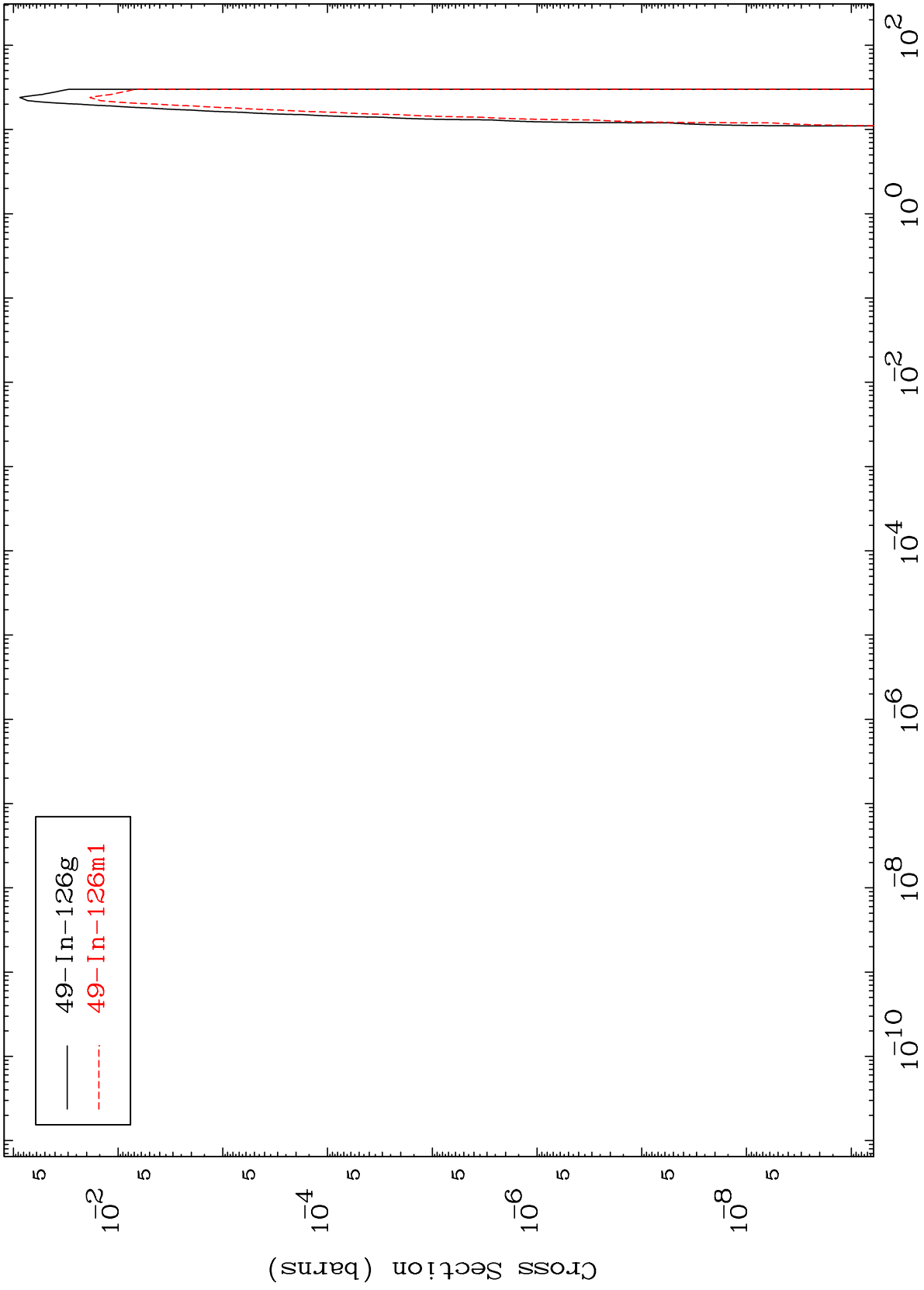
49-In-126

MAT 4965

(α, α)

49-In-126

Radionuclide Production Cross Section



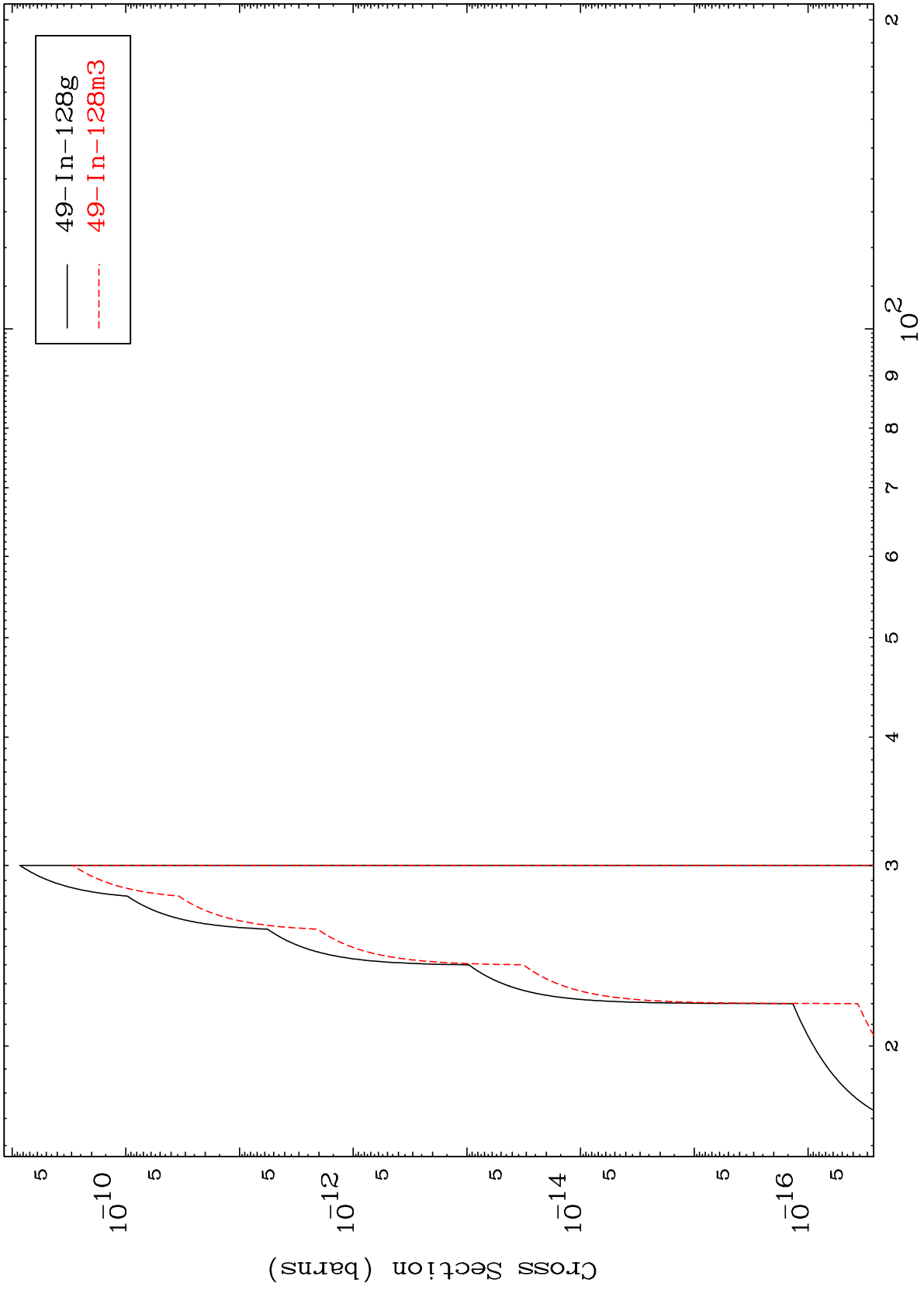
27

49-In-126

MAT 4965

49-In-126

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



28

49-In-126