

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

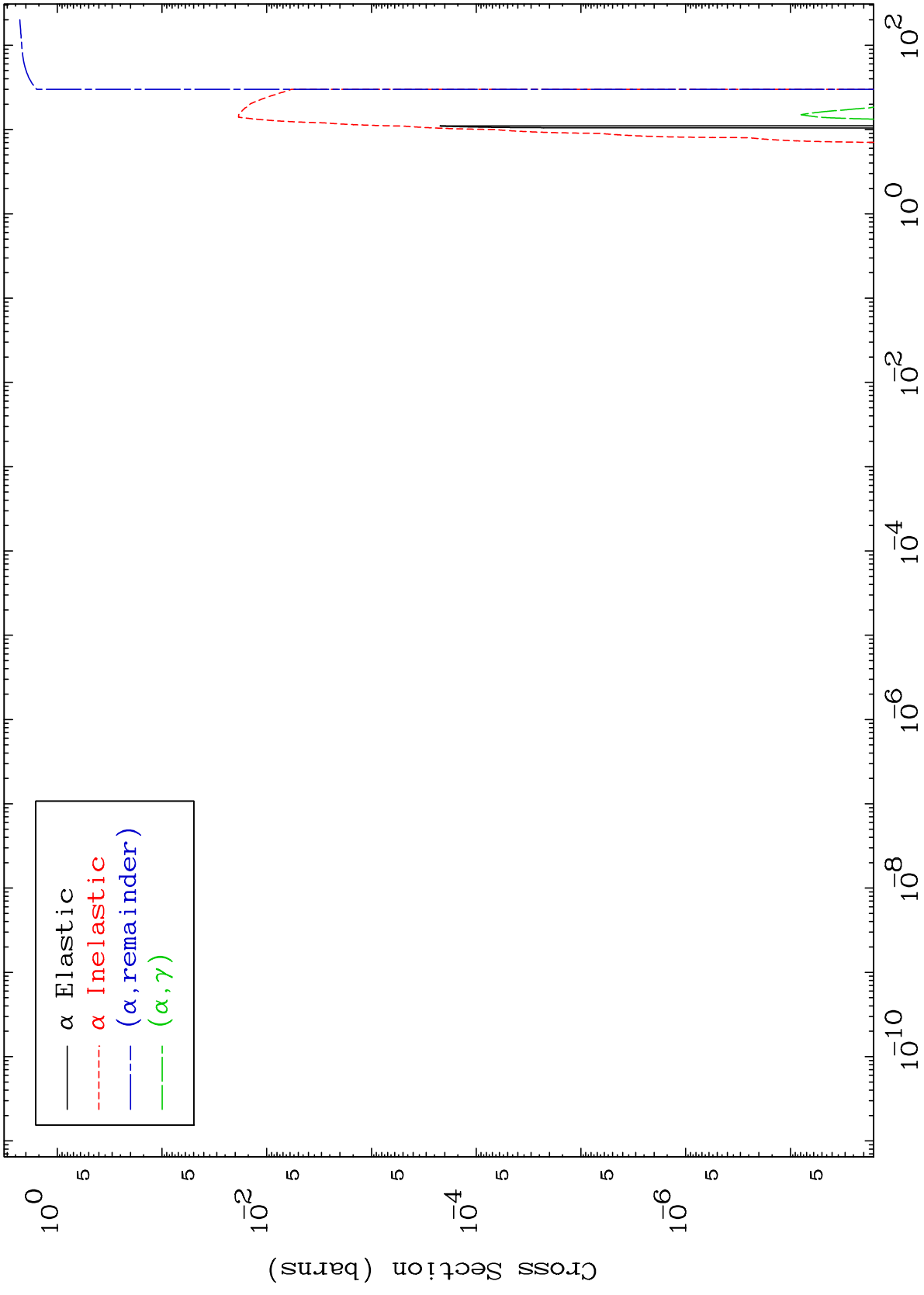
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

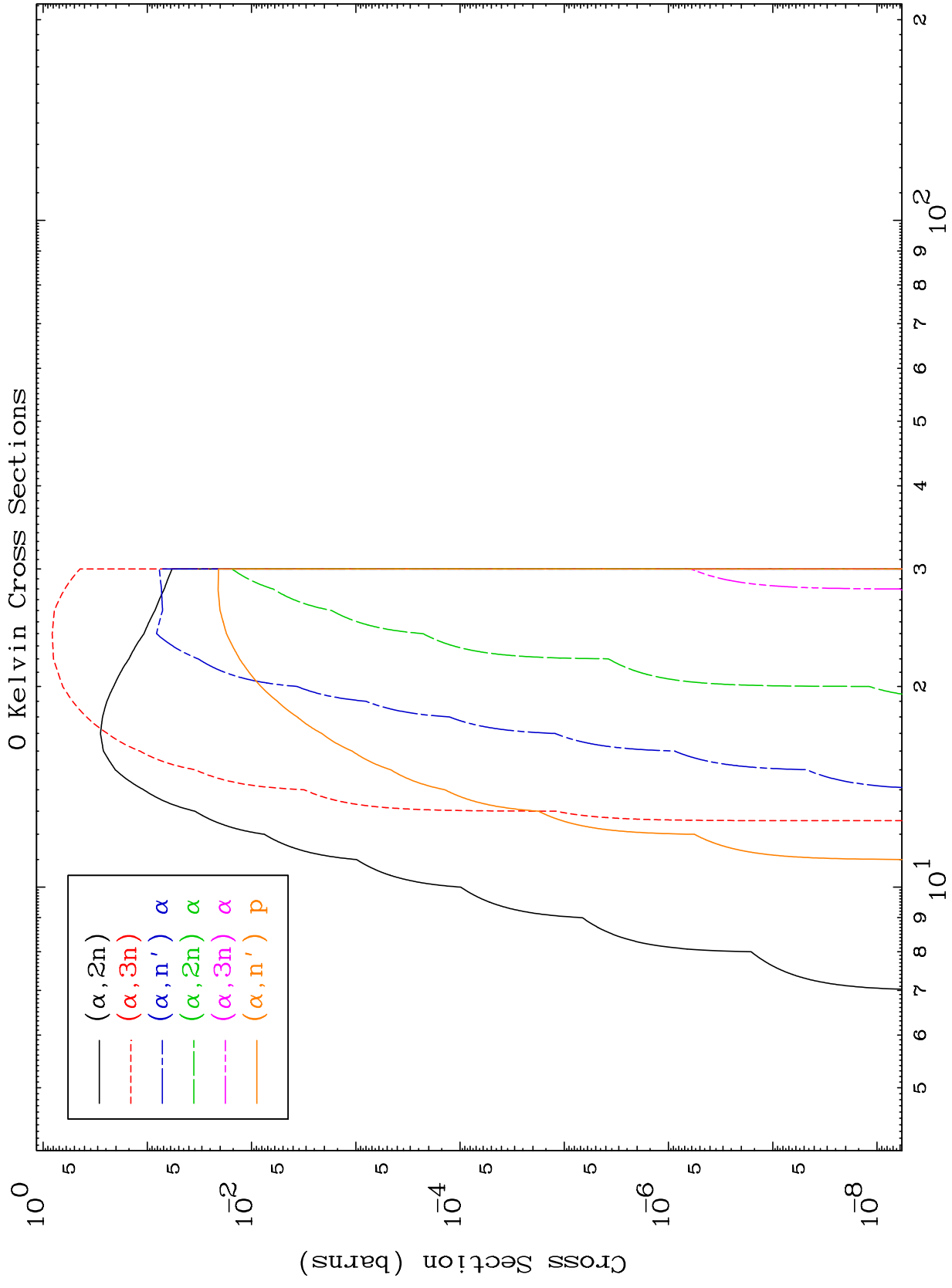
Press Mouse Button to Start

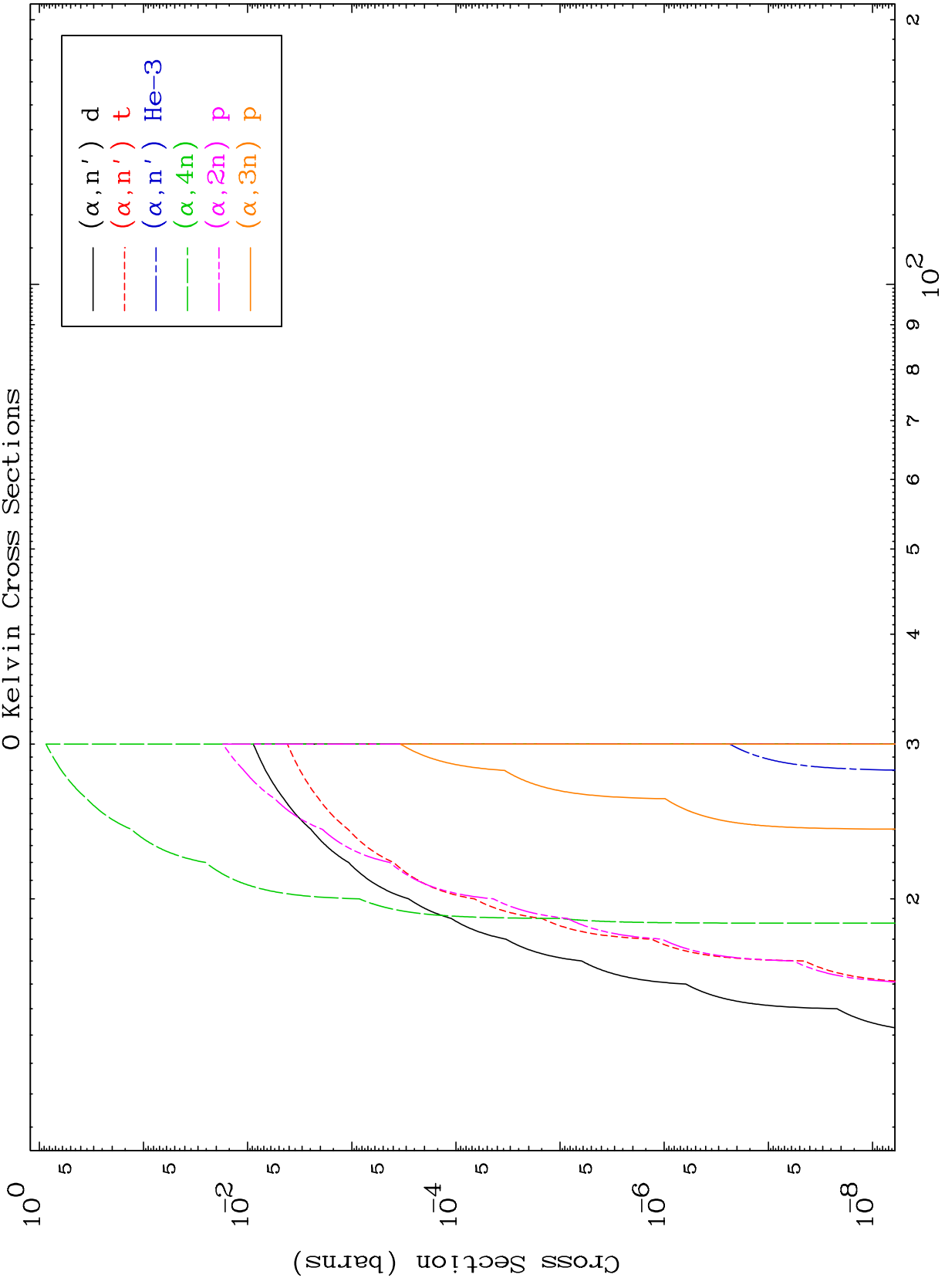
MAT 4969

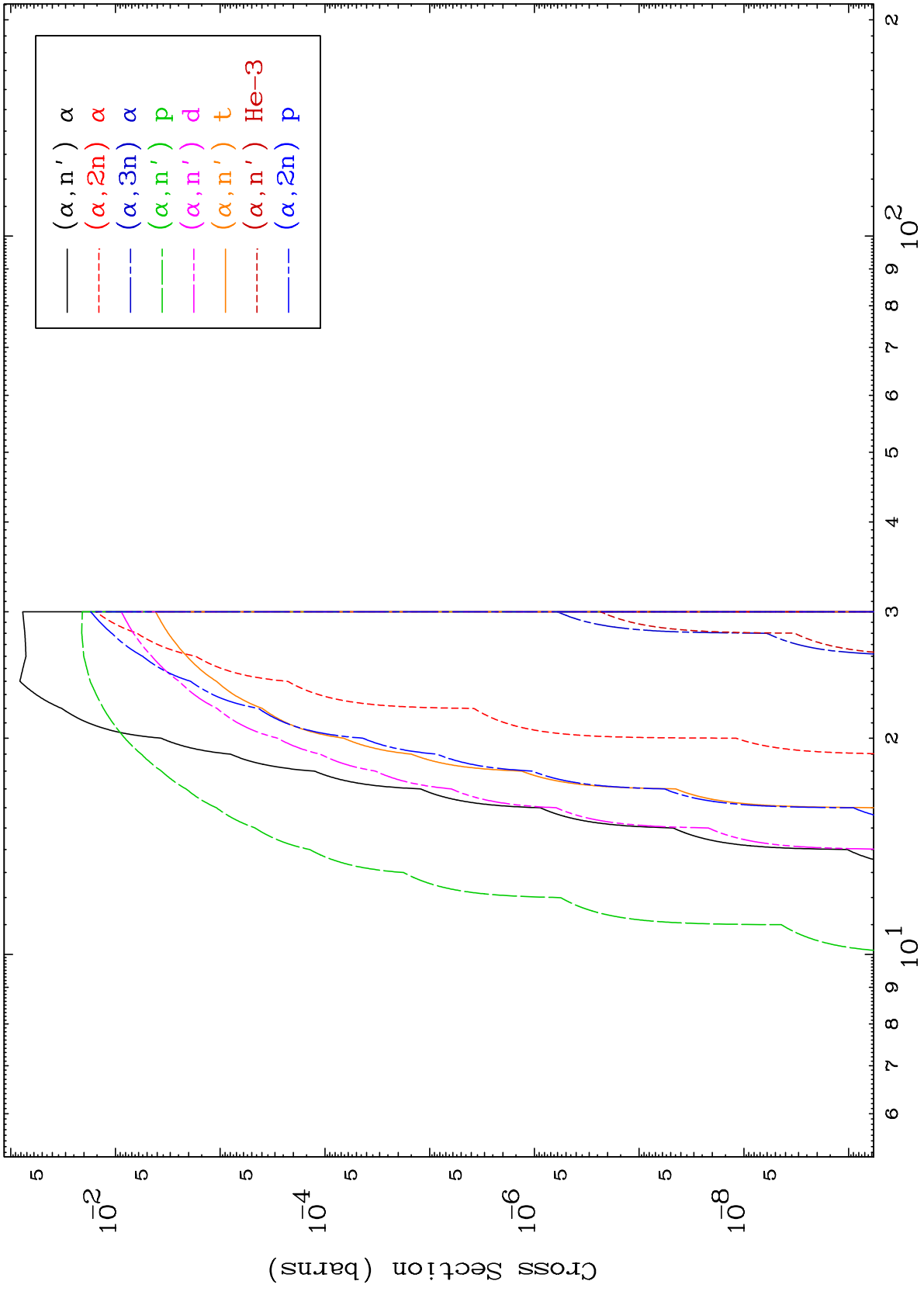
0 Kelvin α Major

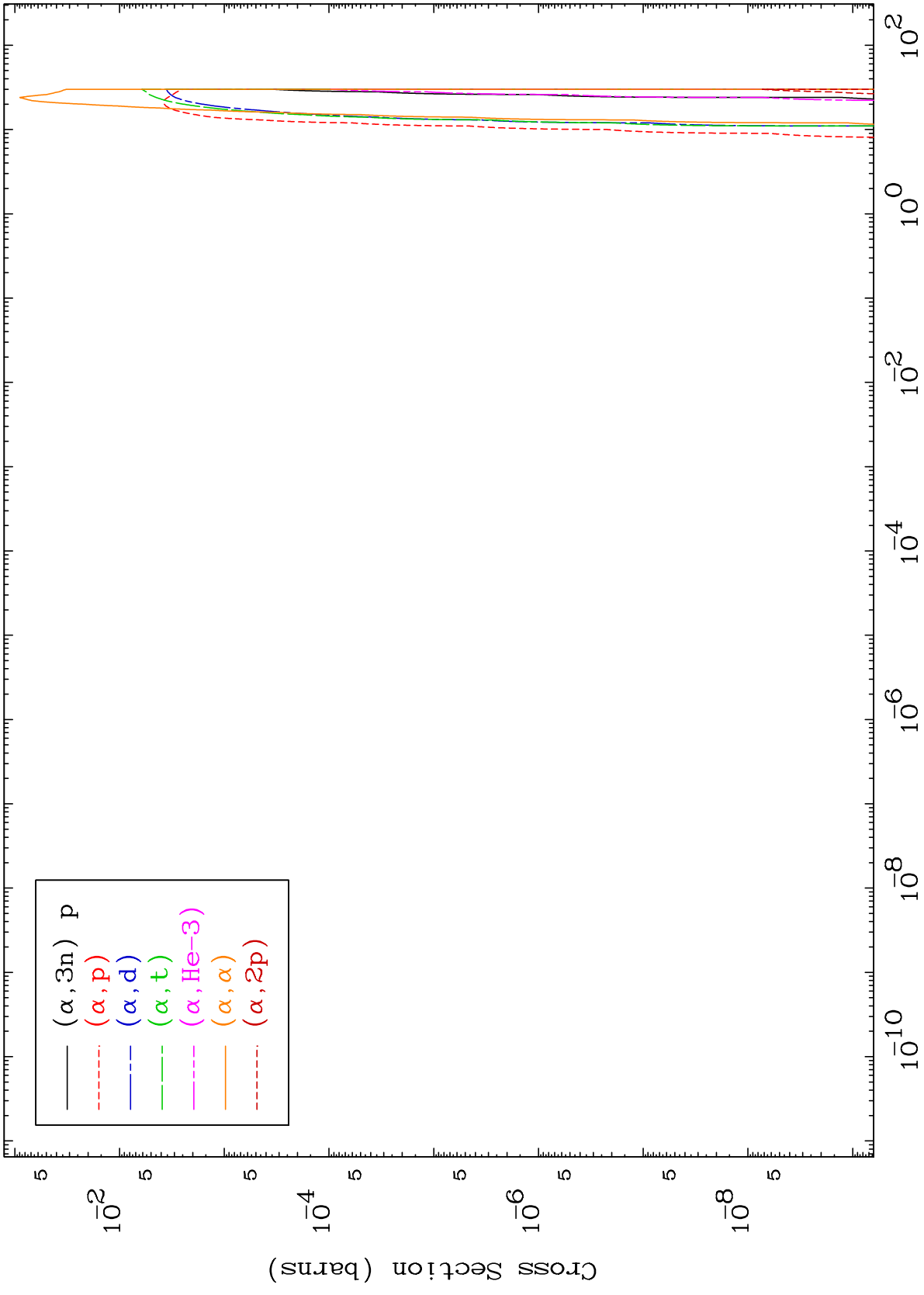
49-In-127







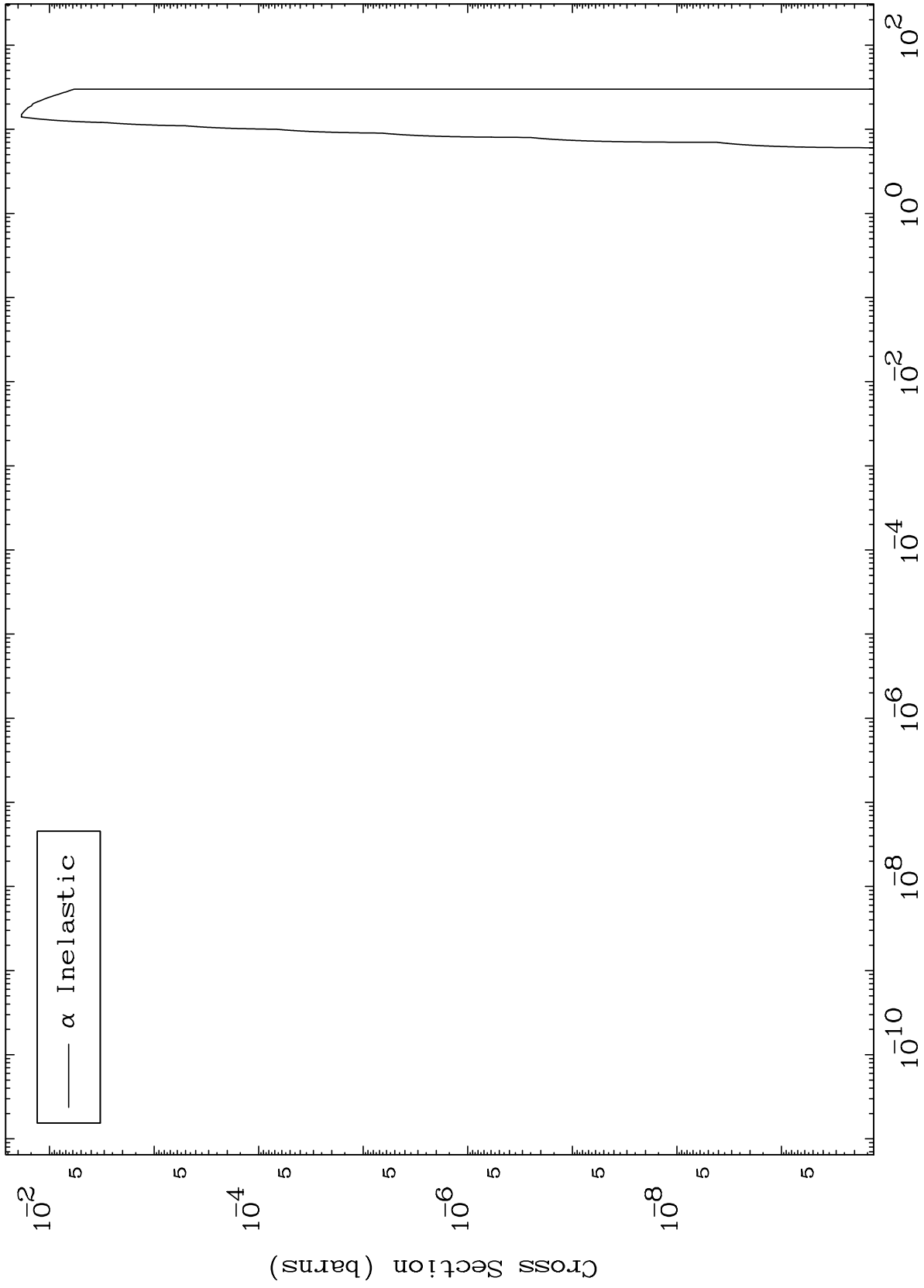




MAT 4969

(α, n') Level
0 Kelvin Cross Sections

49-In-127



6

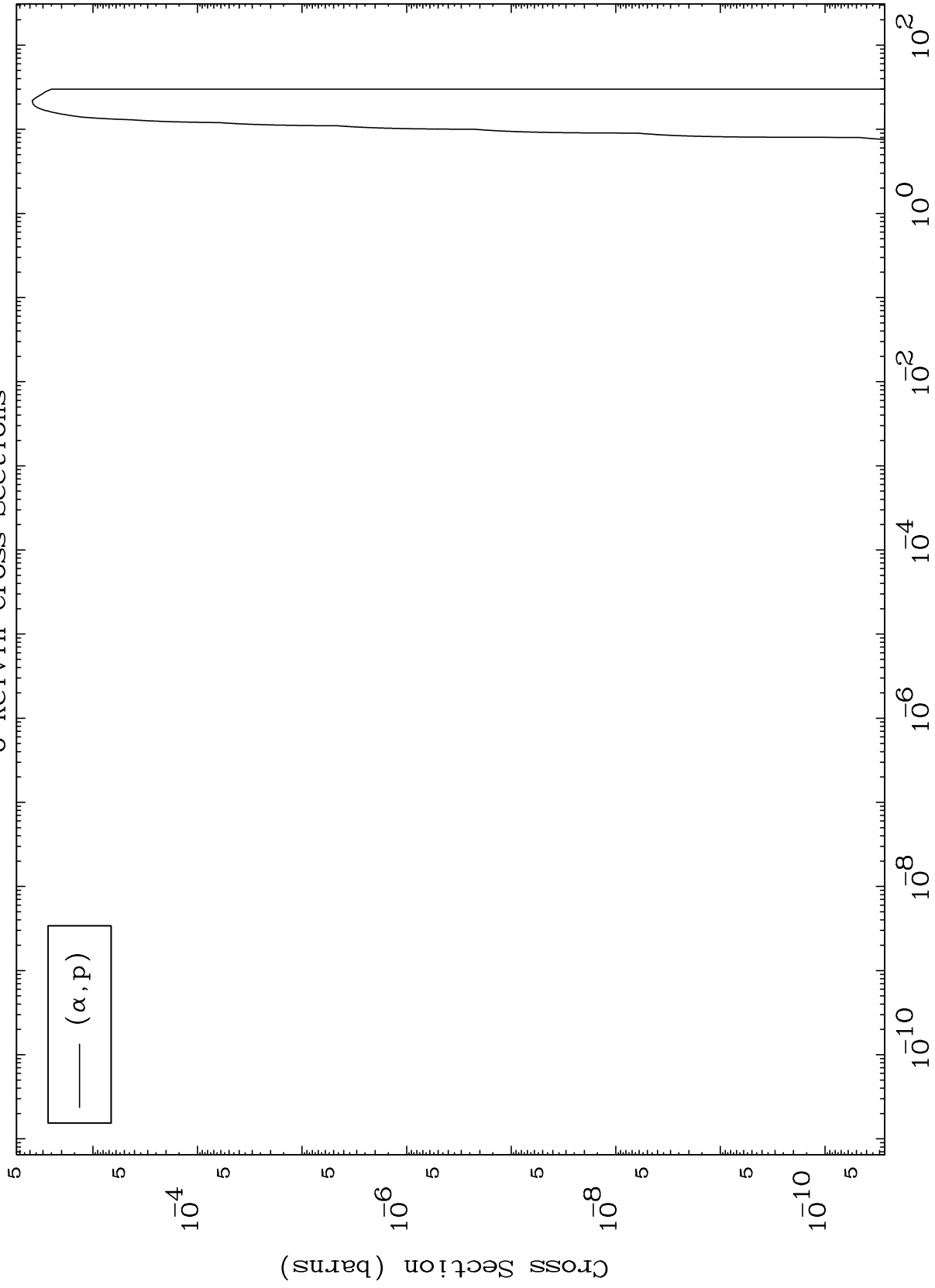
Incident Energy (MeV)

49-In-127

MAT 4969

(α, p) Levels
0 Kelvin Cross Sections

49-In-127



7

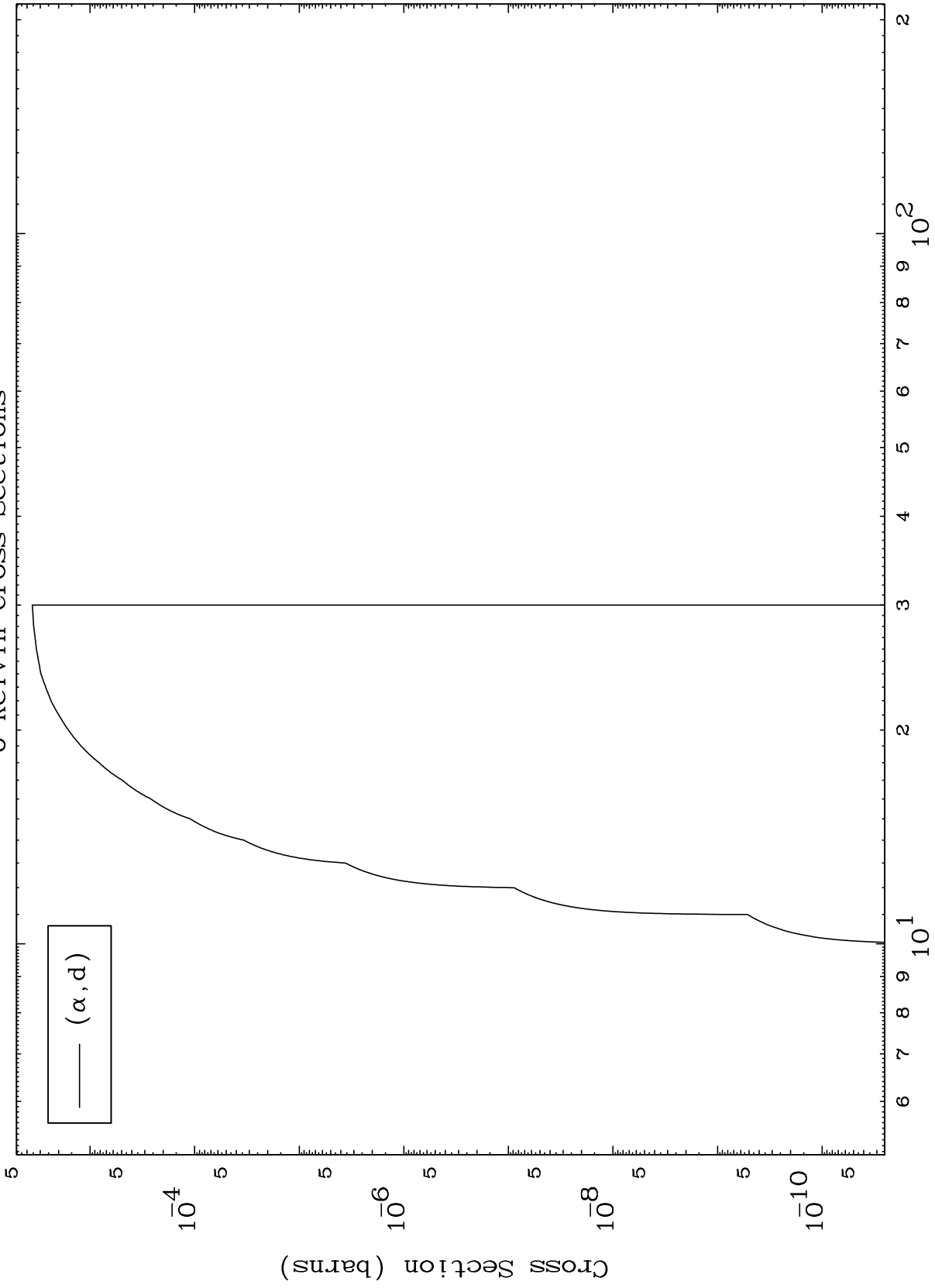
Incident Energy (MeV)

49-In-127

MAT 4969

(α, d) Levels
0 Kelvin Cross Sections

49-In-127



8

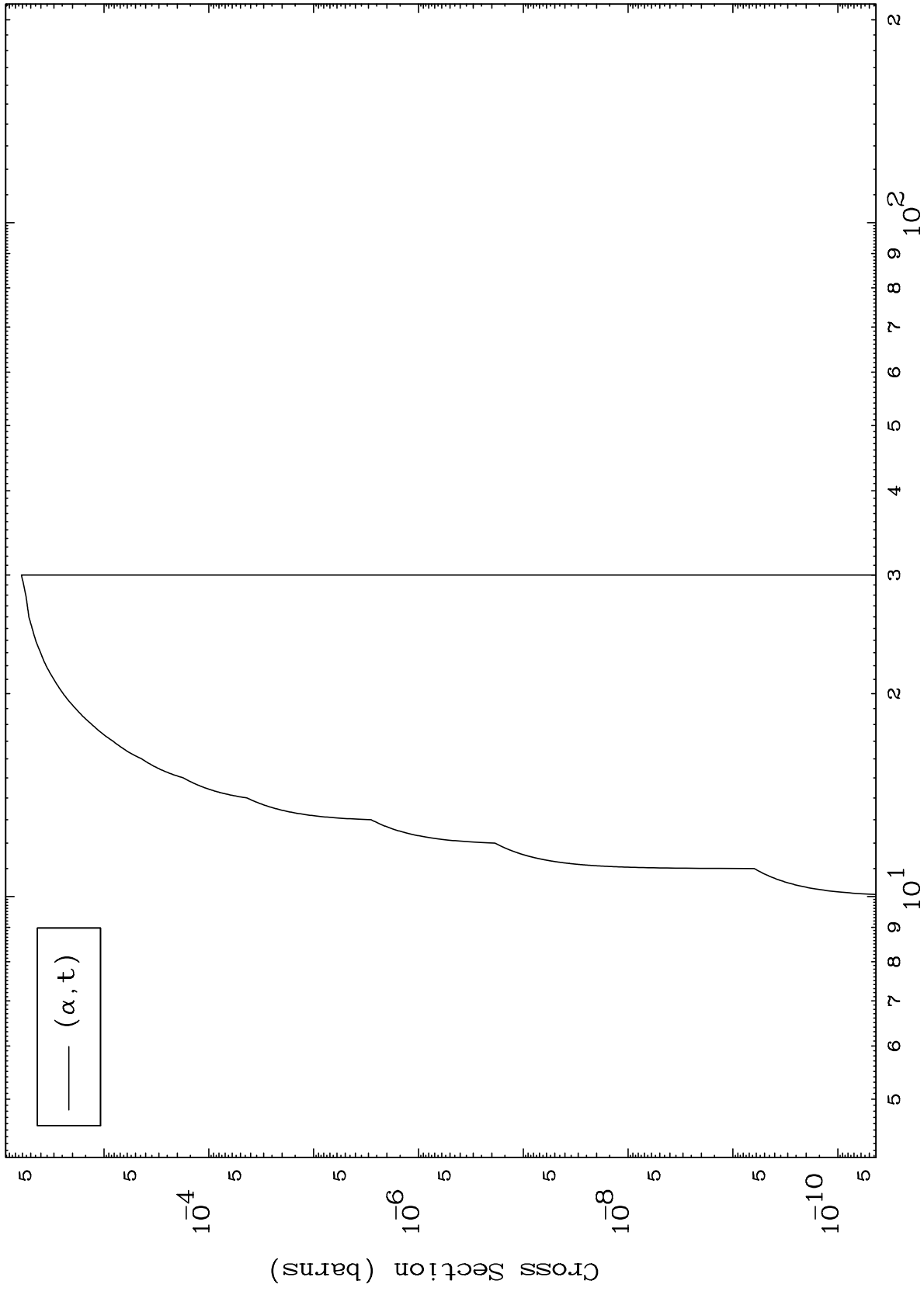
Incident Energy (MeV)

49-In-127

MAT 4969

(α, t) Levels
0 Kelvin Cross Sections

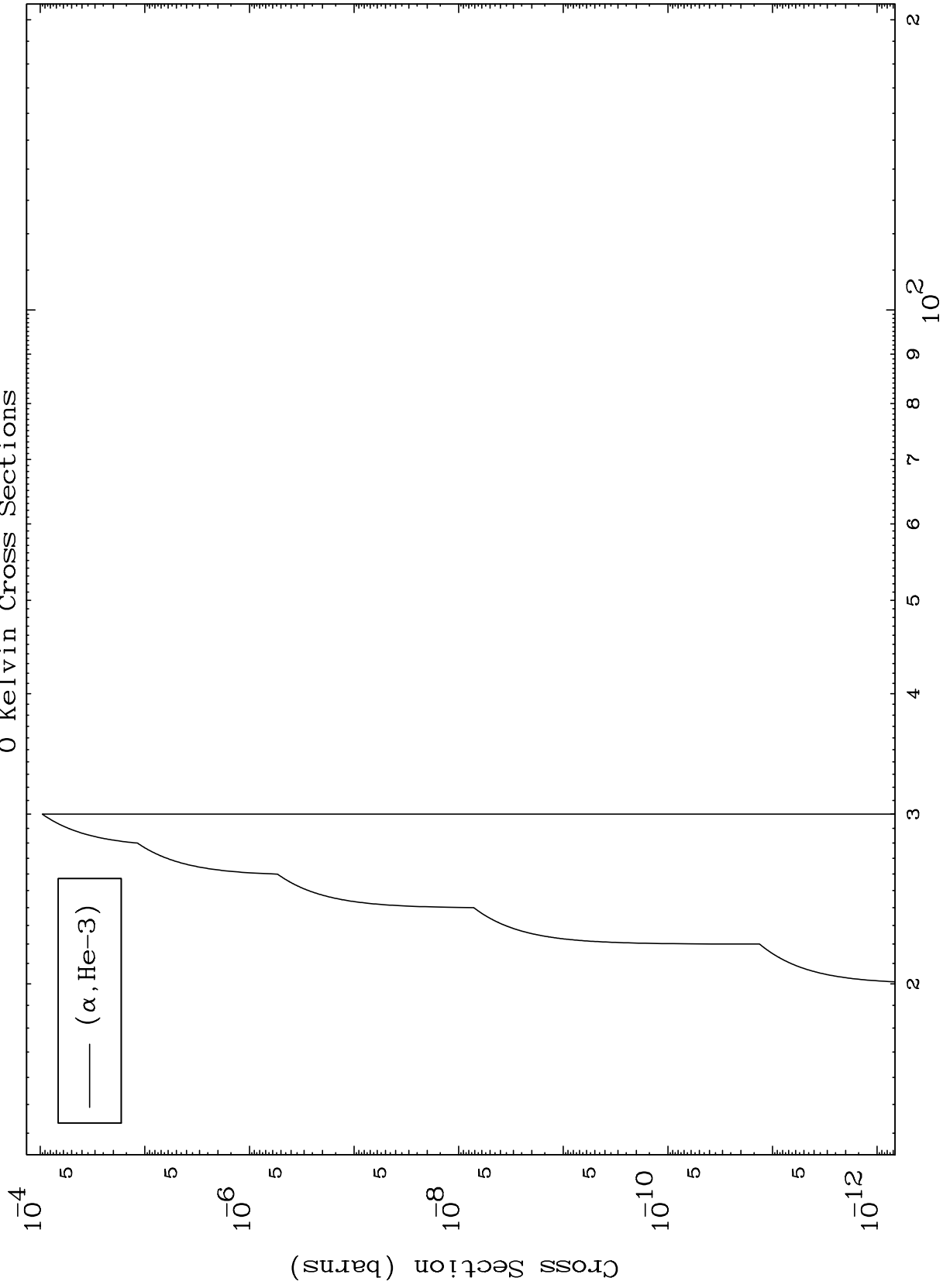
49-In-127



MAT 4969

(α ,He3) Levels
0 Kelvin Cross Sections

49-In-127



10

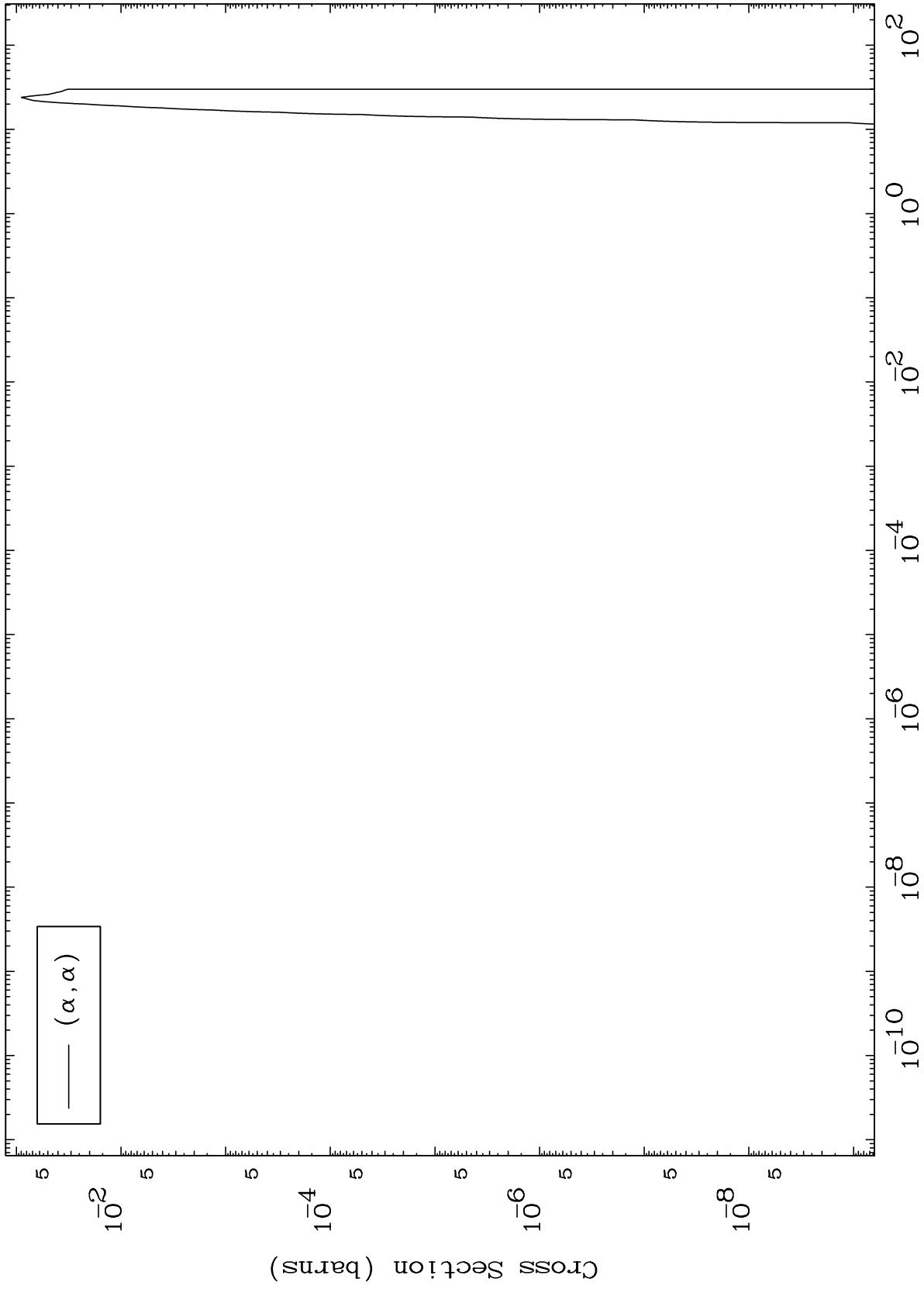
Incident Energy (MeV)

49-In-127

MAT 4969

(α, α) Levels
0 Kelvin Cross Sections

49-In-127



11

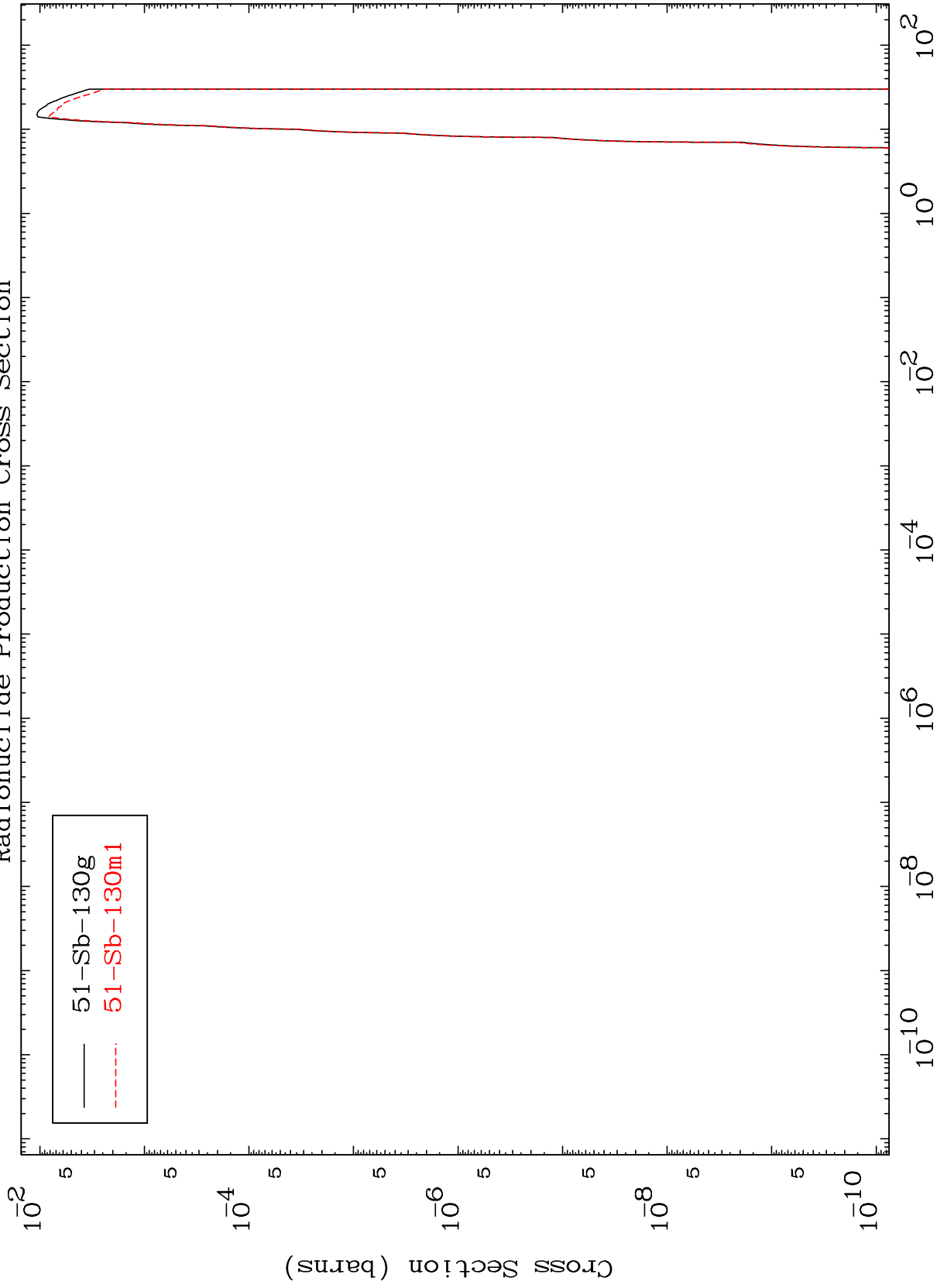
Incident Energy (MeV)

49-In-127

MAT 4969

Radionuclide Production Cross Section

49-In-127



12

Incident Energy (MeV)

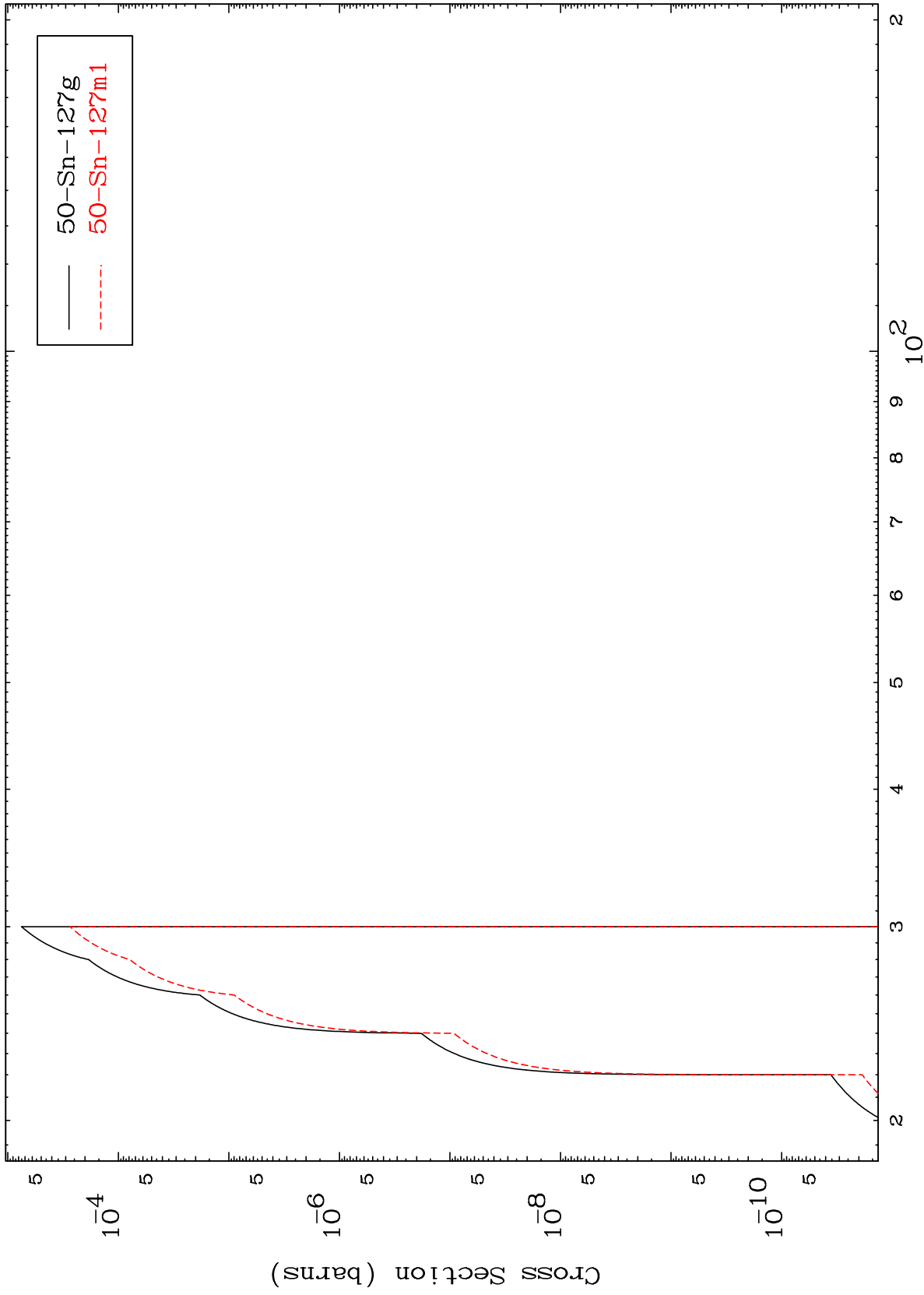
49-In-127

MAT 4969

($\alpha, 2n$) d

49-In-127

Radionuclide Production Cross Section



13

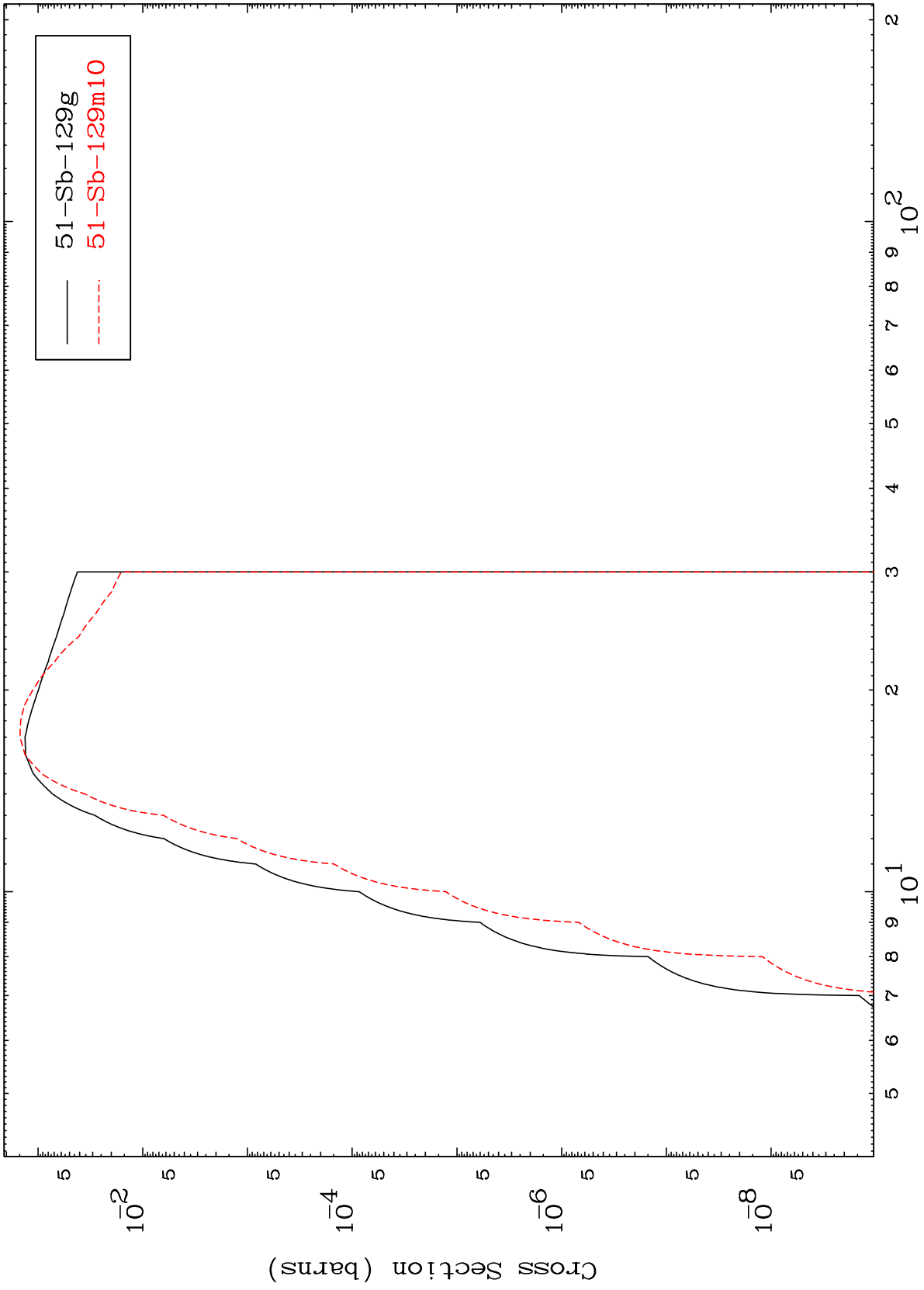
Incident Energy (MeV)

49-In-127

MAT 4969

49-In-127

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



14

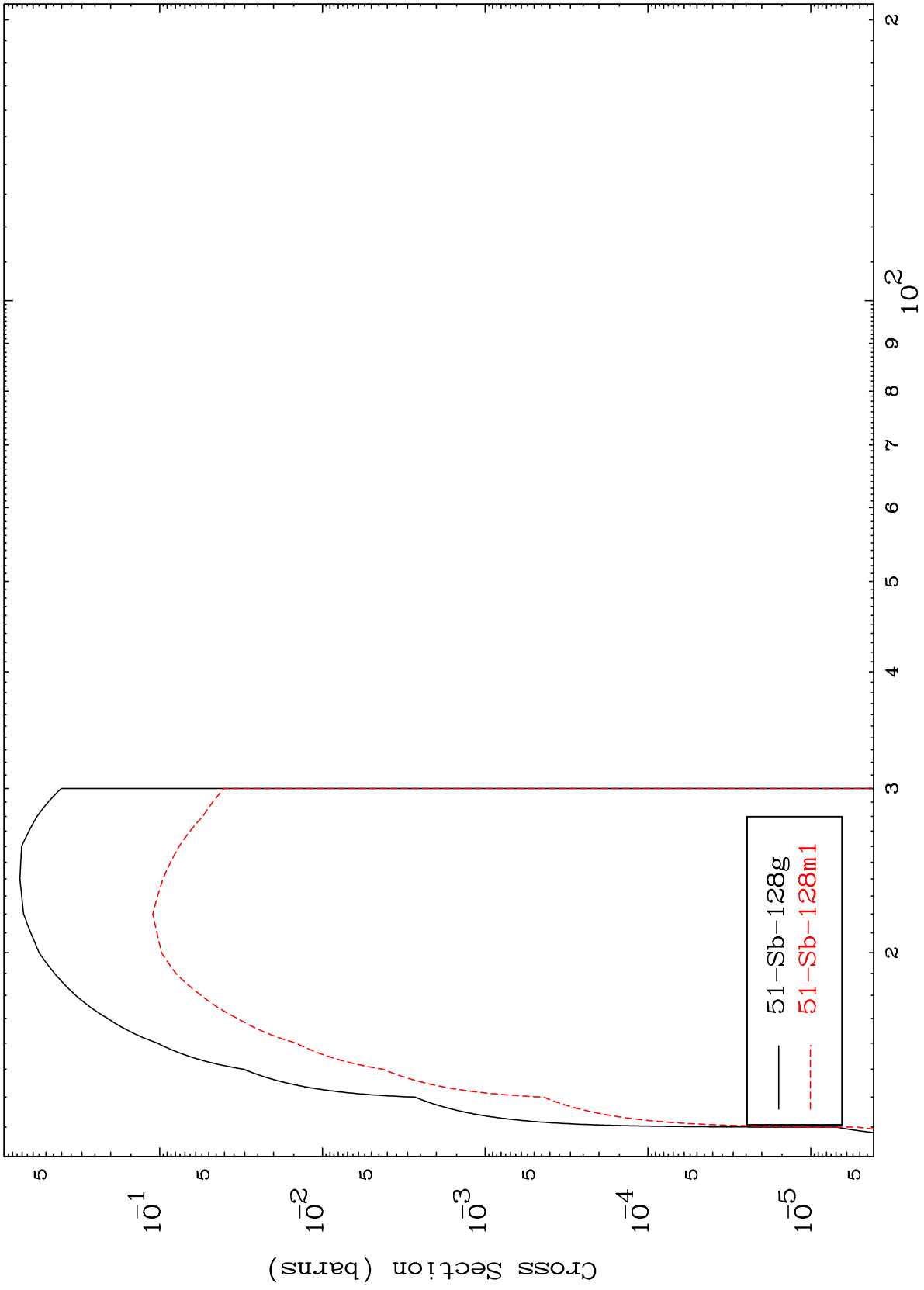
Incident Energy (MeV)

49-In-127

MAT 4969

49-In-127

Radionuclide Production Cross Section
($\alpha, 3n$)



15

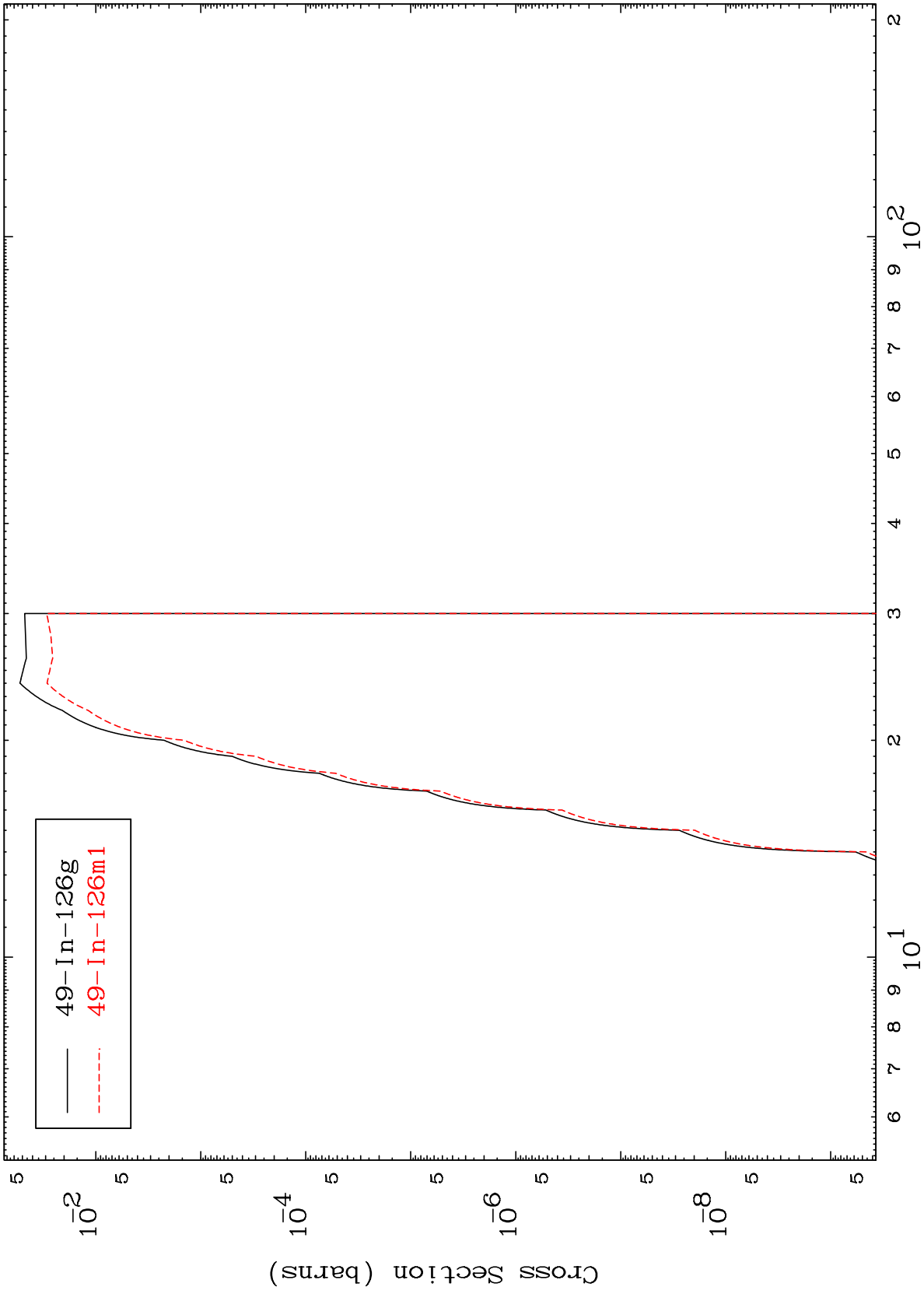
49-In-127

MAT 4969

(α, n') α

49-In-127

Radionuclide Production Cross Section



16

Incident Energy (MeV)

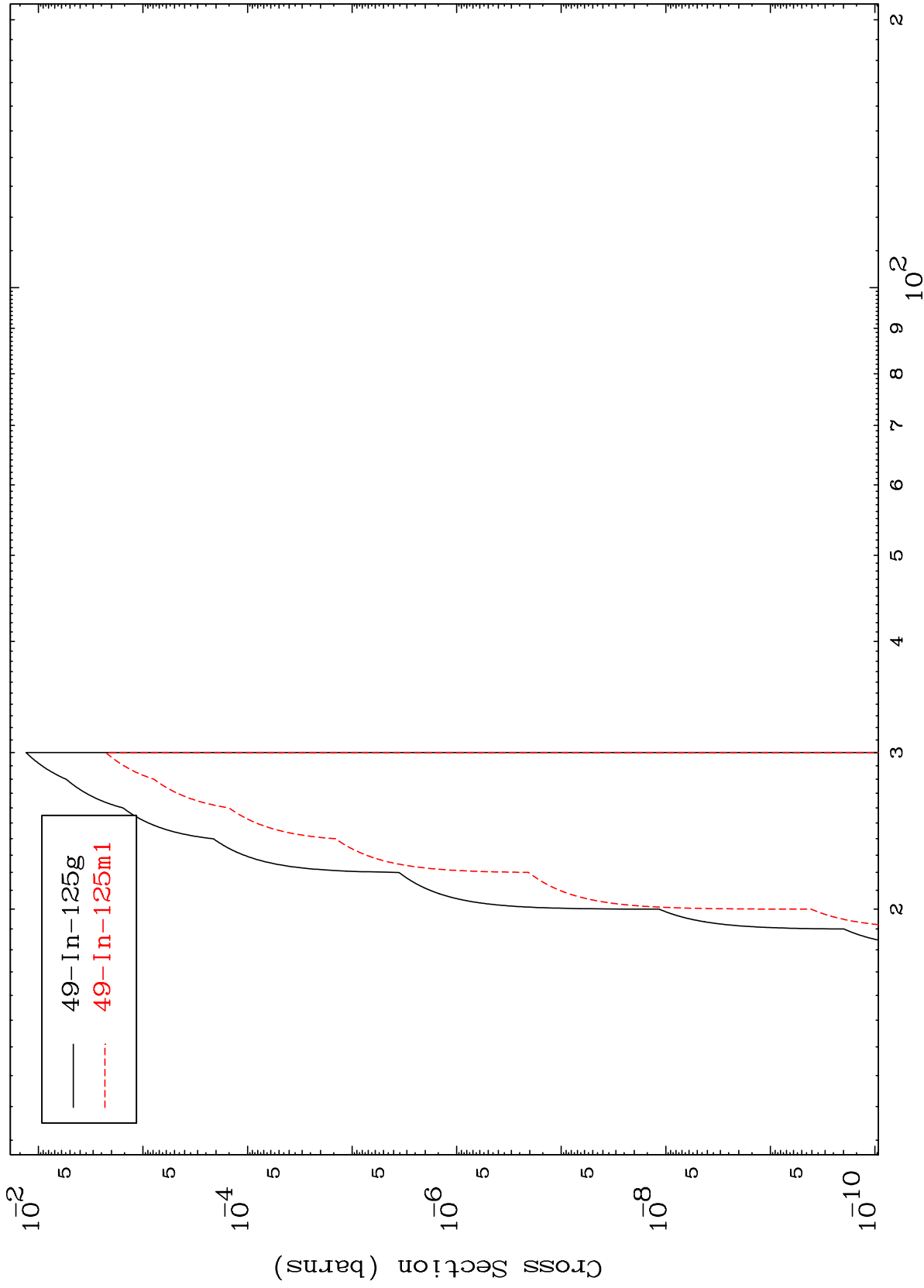
49-In-127

MAT 4969

($\alpha, 2n$) α

49-In-127

Radionuclide Production Cross Section



17

Incident Energy (MeV)

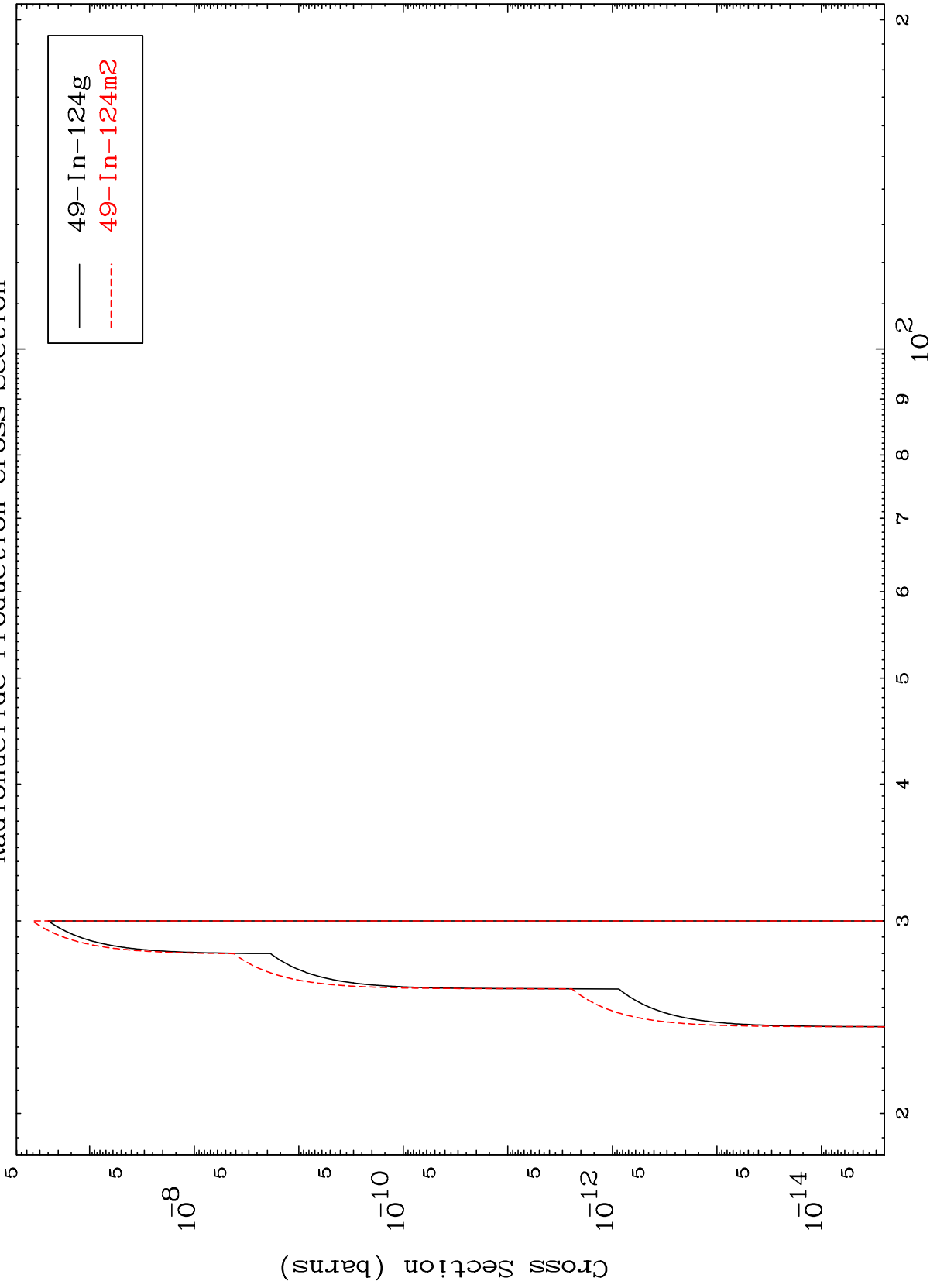
49-In-127

MAT 4969

$(\alpha, 3n) \alpha$

49-In-127

Radionuclide Production Cross Section



18

Incident Energy (MeV)

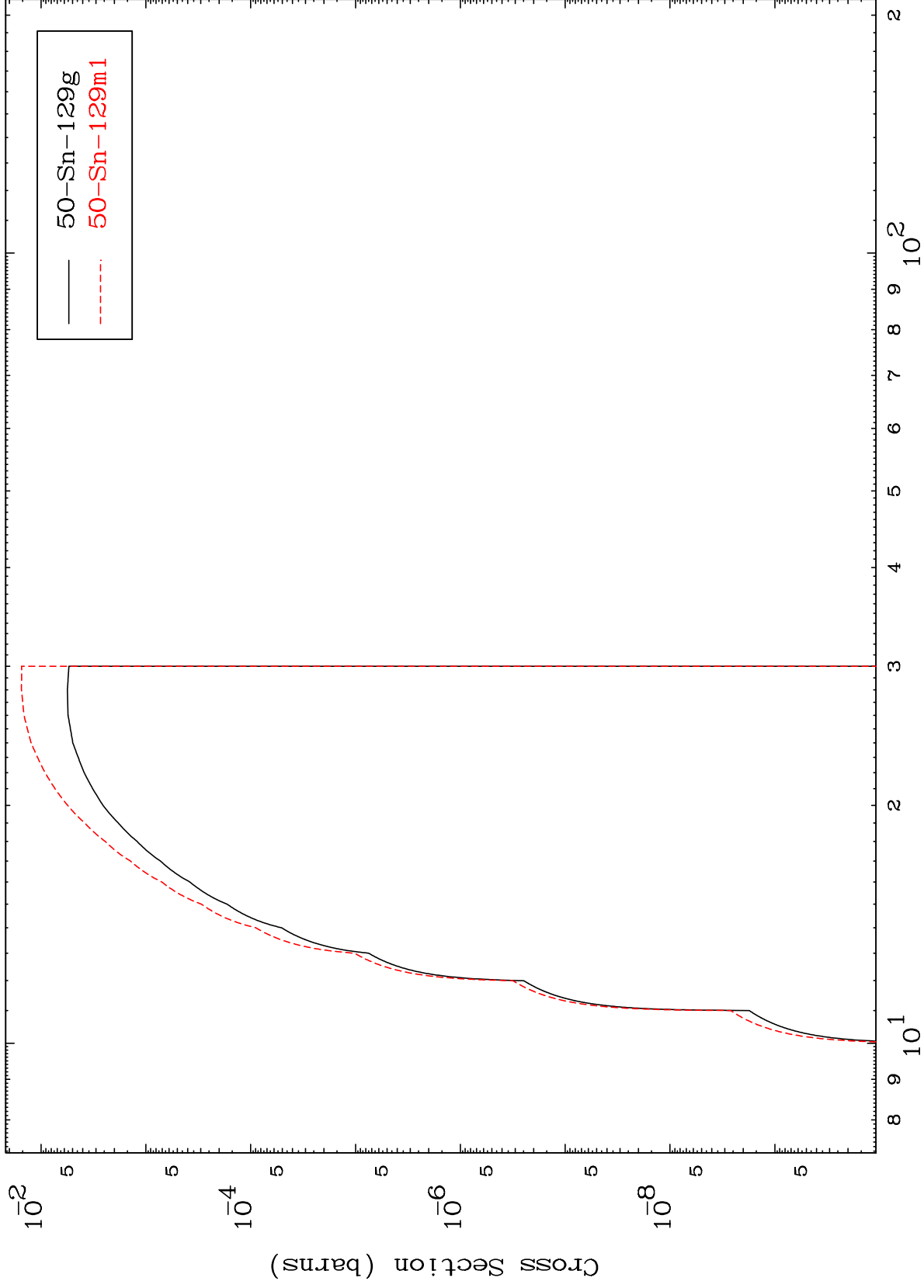
49-In-127

MAT 4969

(α, n') p

49-In-127

Radionuclide Production Cross Section



19

Incident Energy (MeV)

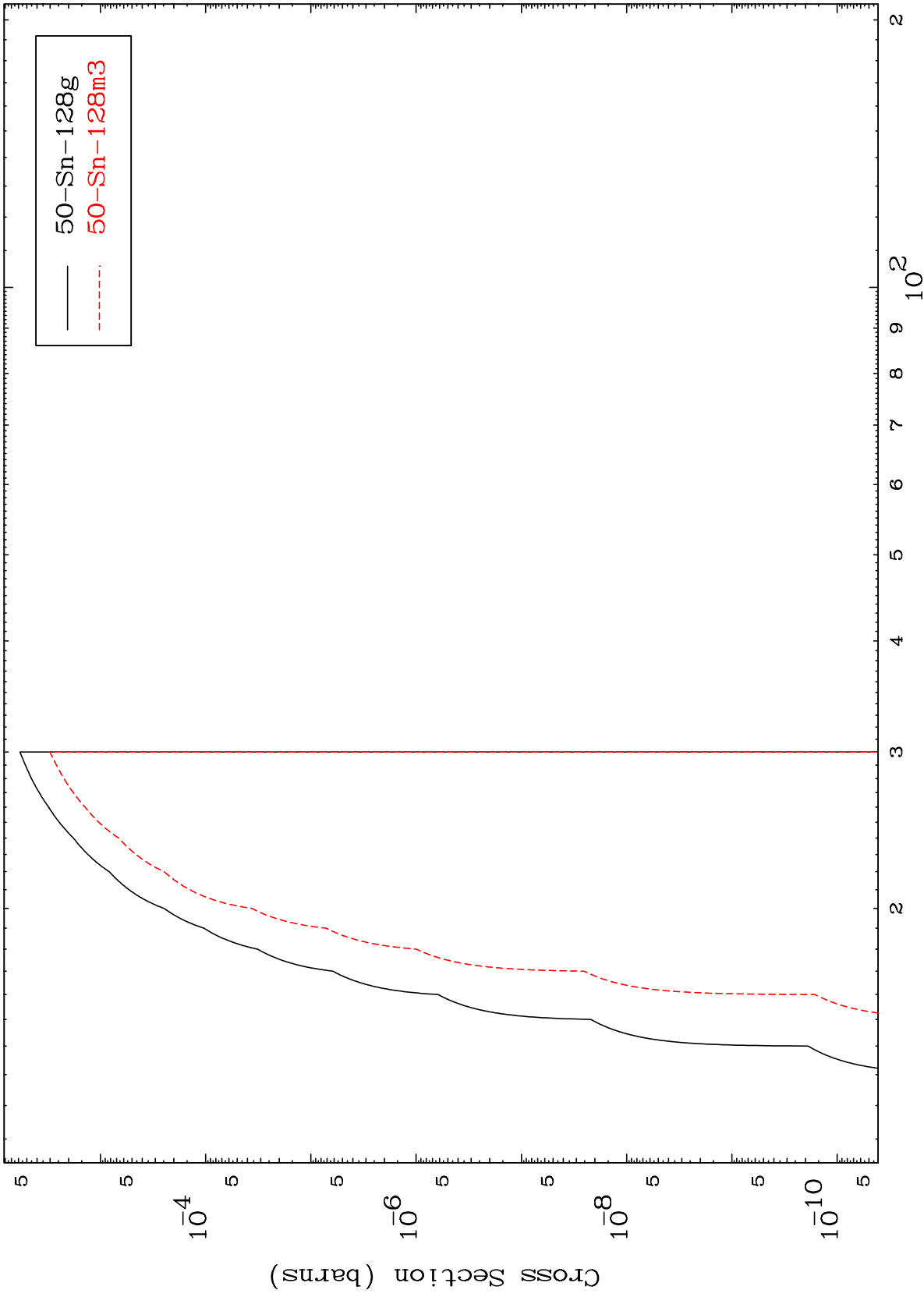
49-In-127

MAT 4969

(α, n') d

49-In-127

Radionuclide Production Cross Section



20

Incident Energy (MeV)

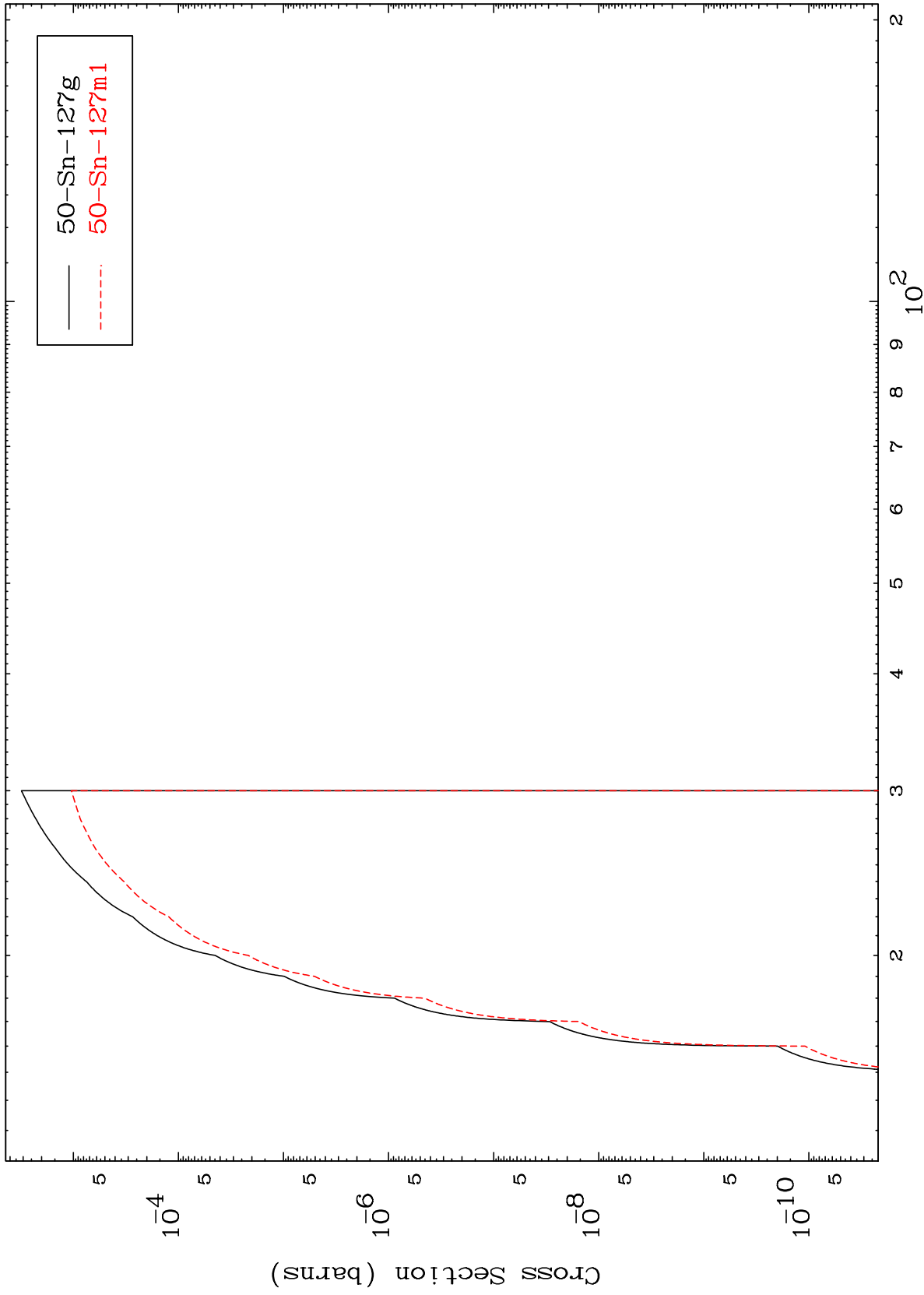
49-In-127

MAT 4969

(α, n') t

49-In-127

Radionuclide Production Cross Section



21

Incident Energy (MeV)

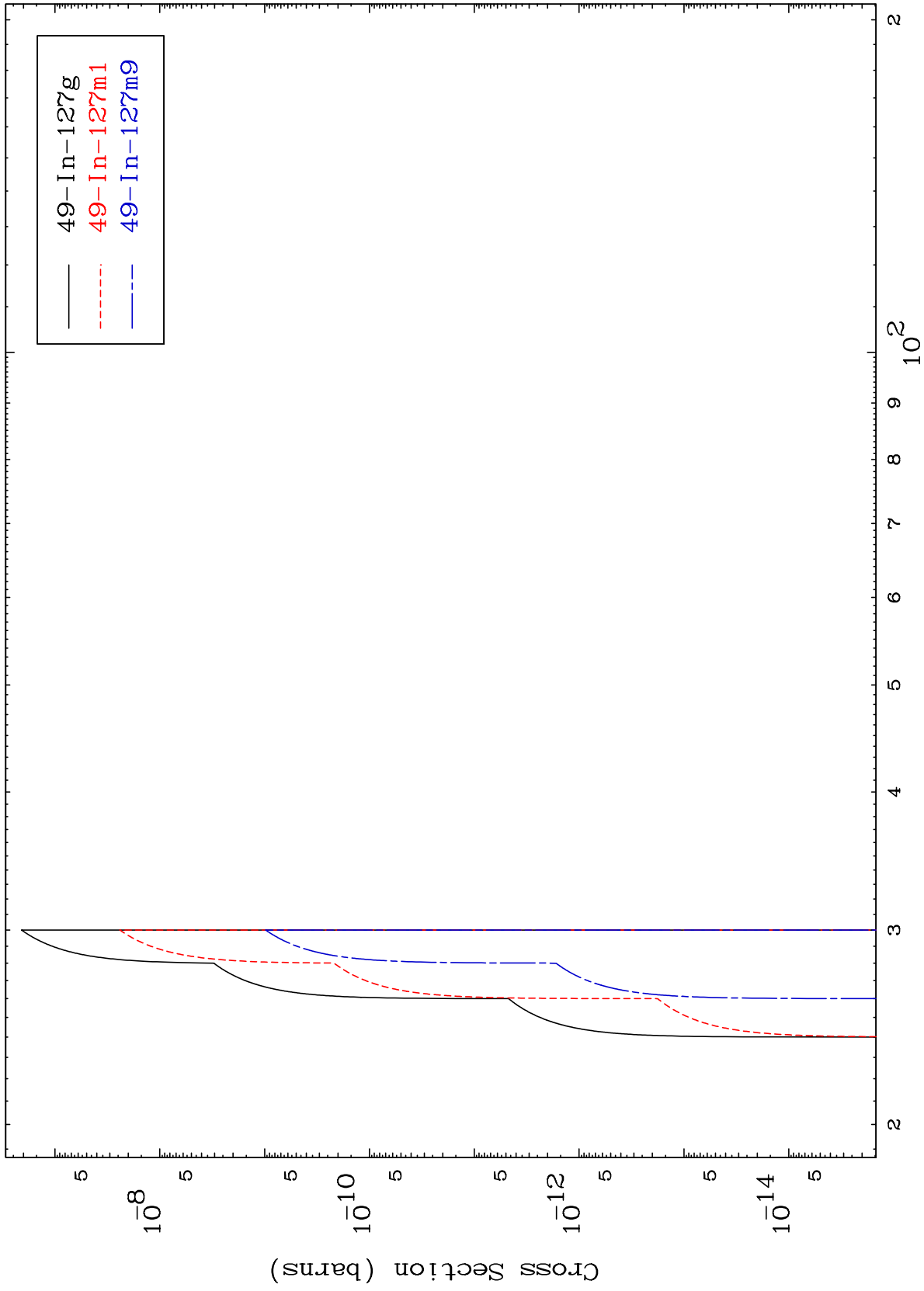
49-In-127

MAT 4969

(α, n') He-3

49-In-127

Radionuclide Production Cross Section



22

Incident Energy (MeV)

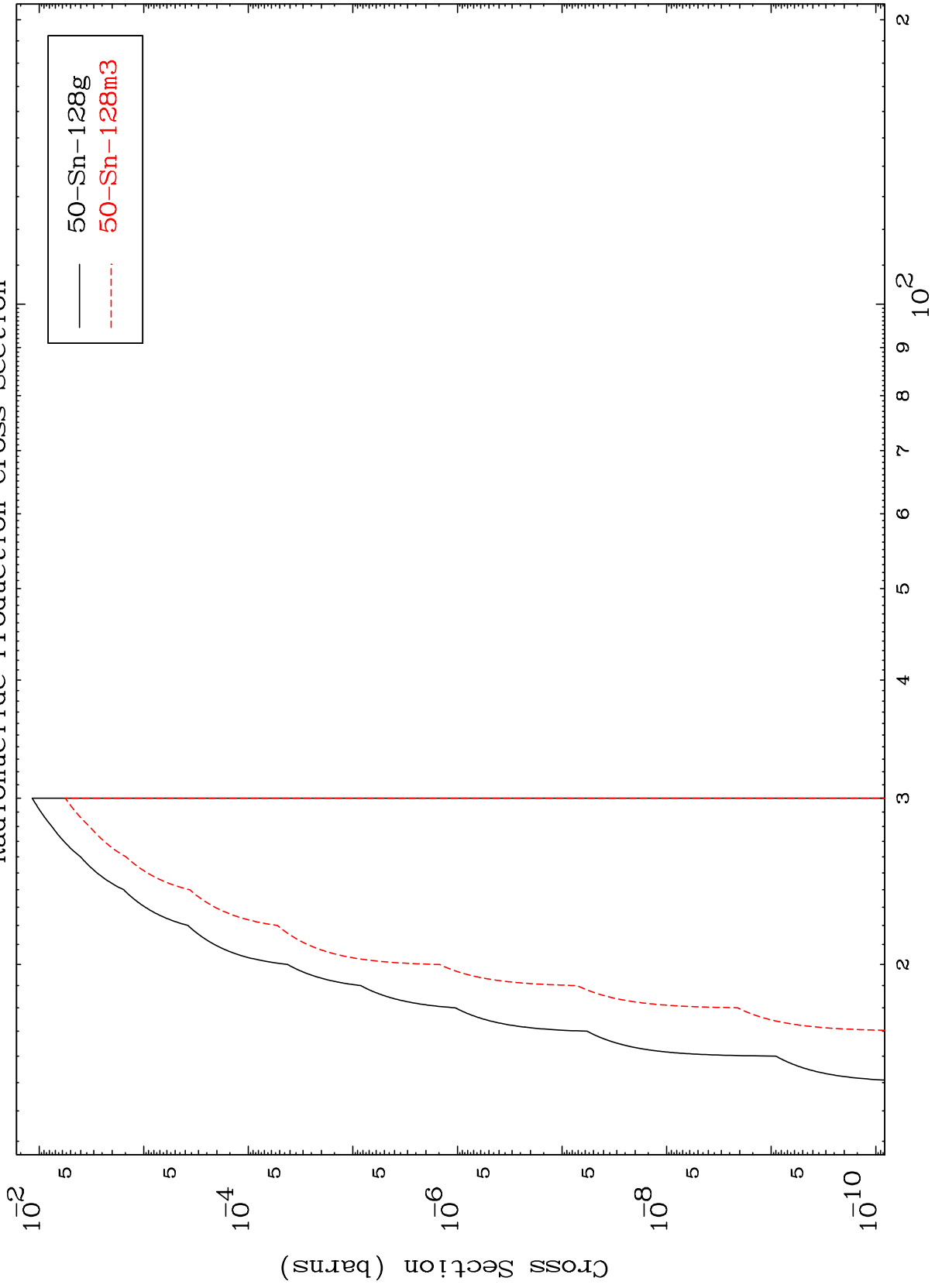
49-In-127

MAT 4969

($\alpha, 2n$) p

49-In-127

Radionuclide Production Cross Section



23

Incident Energy (MeV)

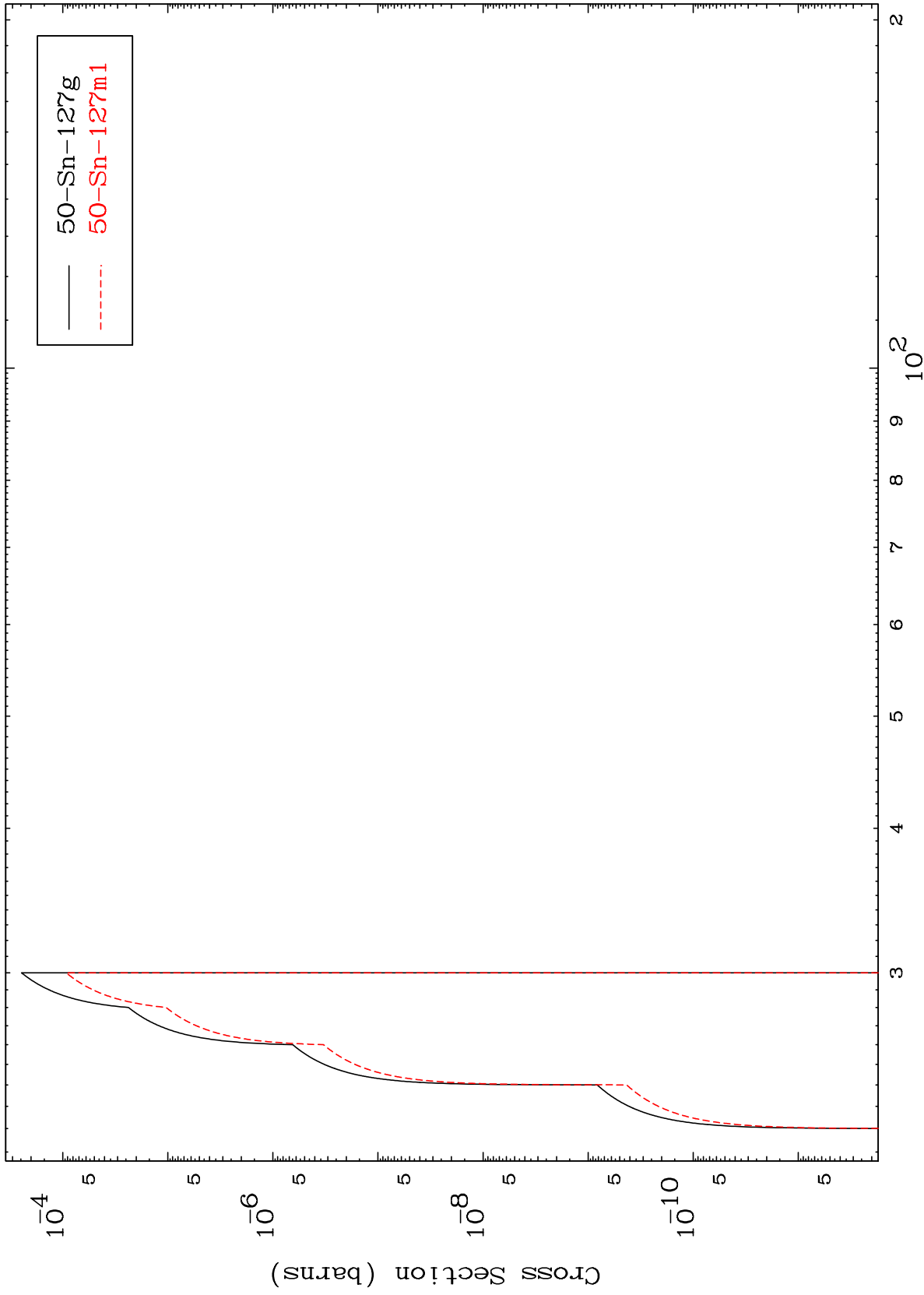
49-In-127

MAT 4969

($\alpha, 3n$) p

49-In-127

Radionuclide Production Cross Section



24

Incident Energy (MeV)

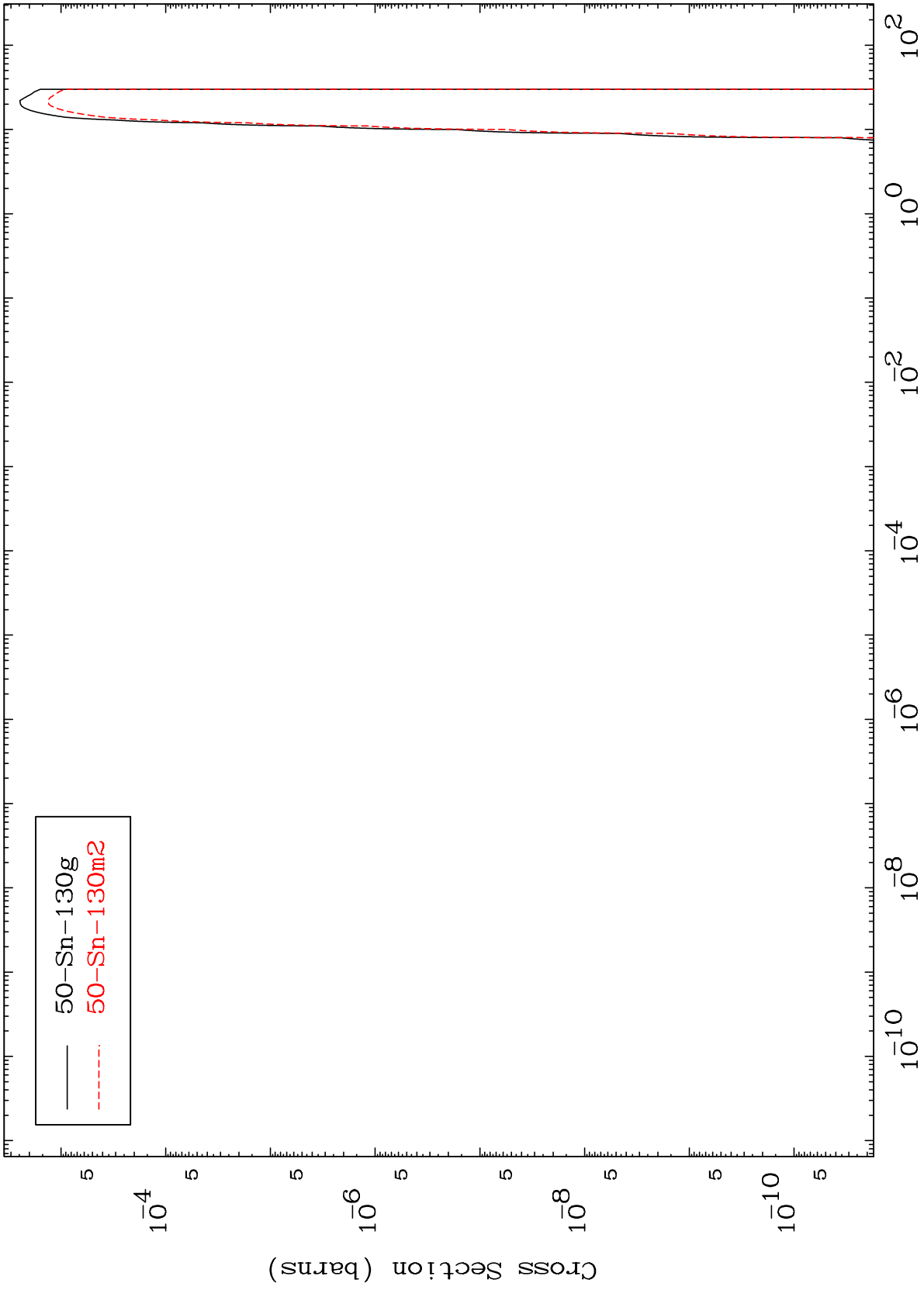
49-In-127

MAT 4969

(α, p)

49-In-127

Radionuclide Production Cross Section



25

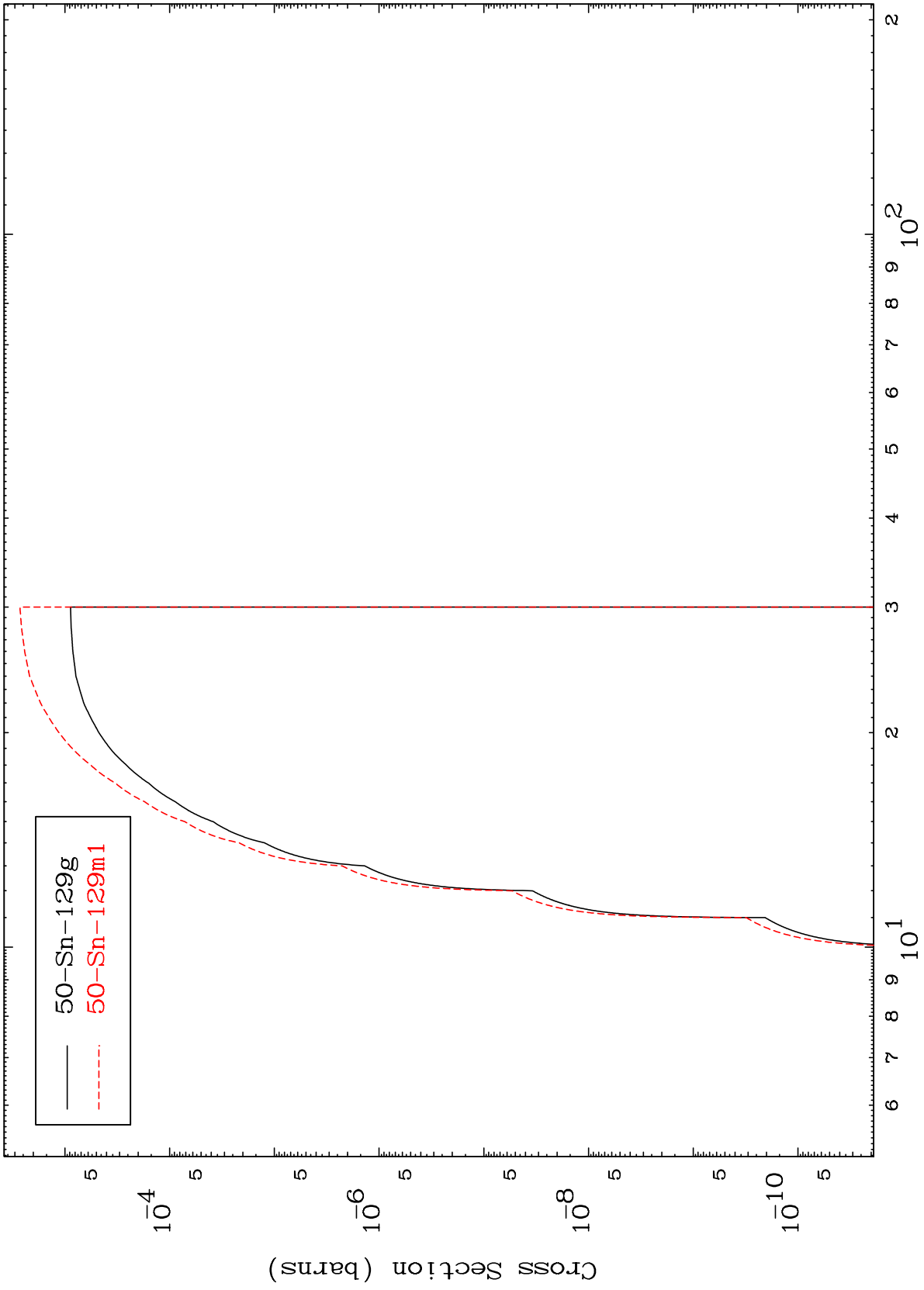
Incident Energy (MeV)

49-In-127

MAT 4969

49-In-127

(α, d)
Radionuclide Production Cross Section



26

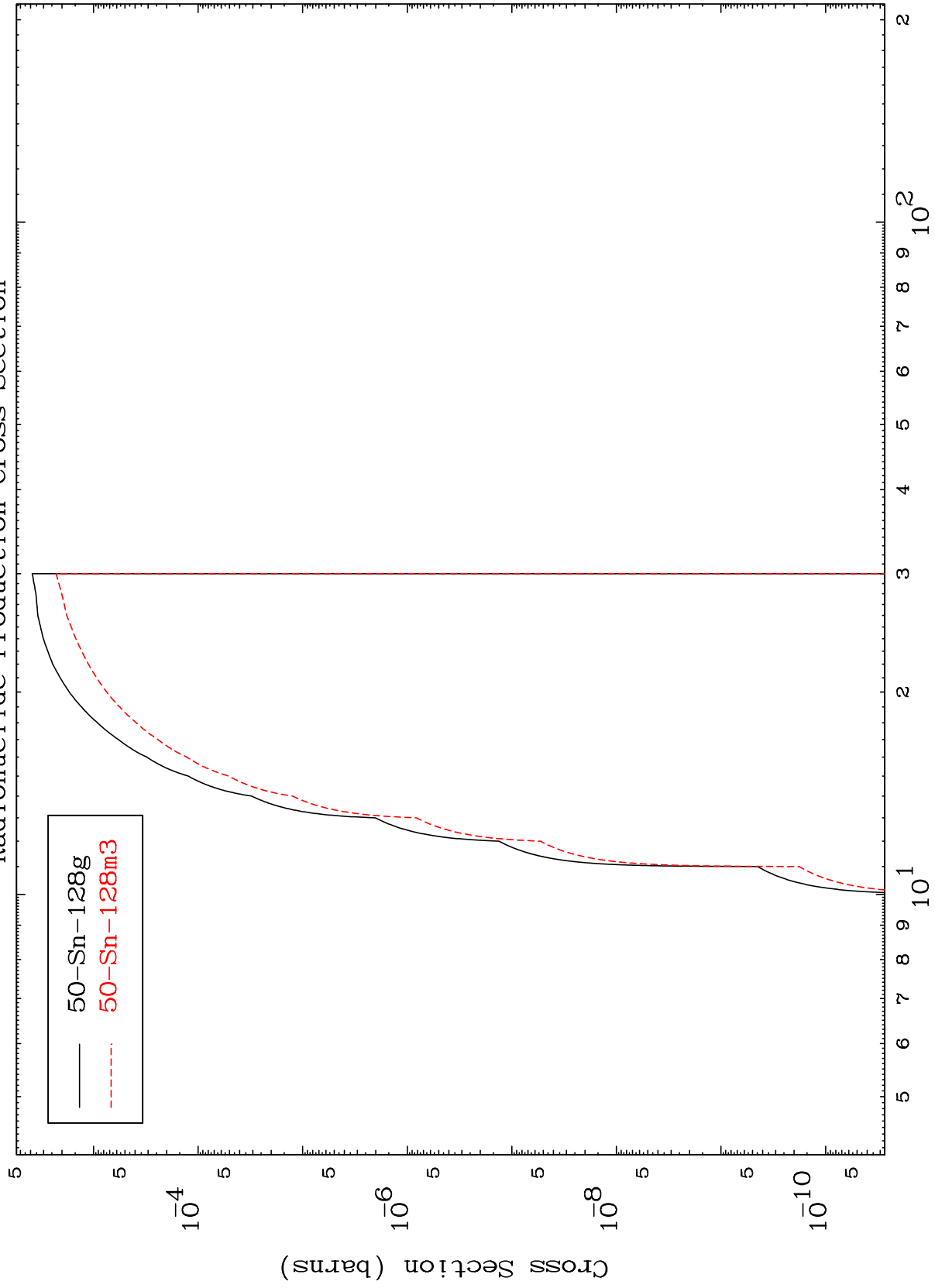
49-In-127

MAT 4969

49-In-127

Radionuclide Production Cross Section

(α, t)



27

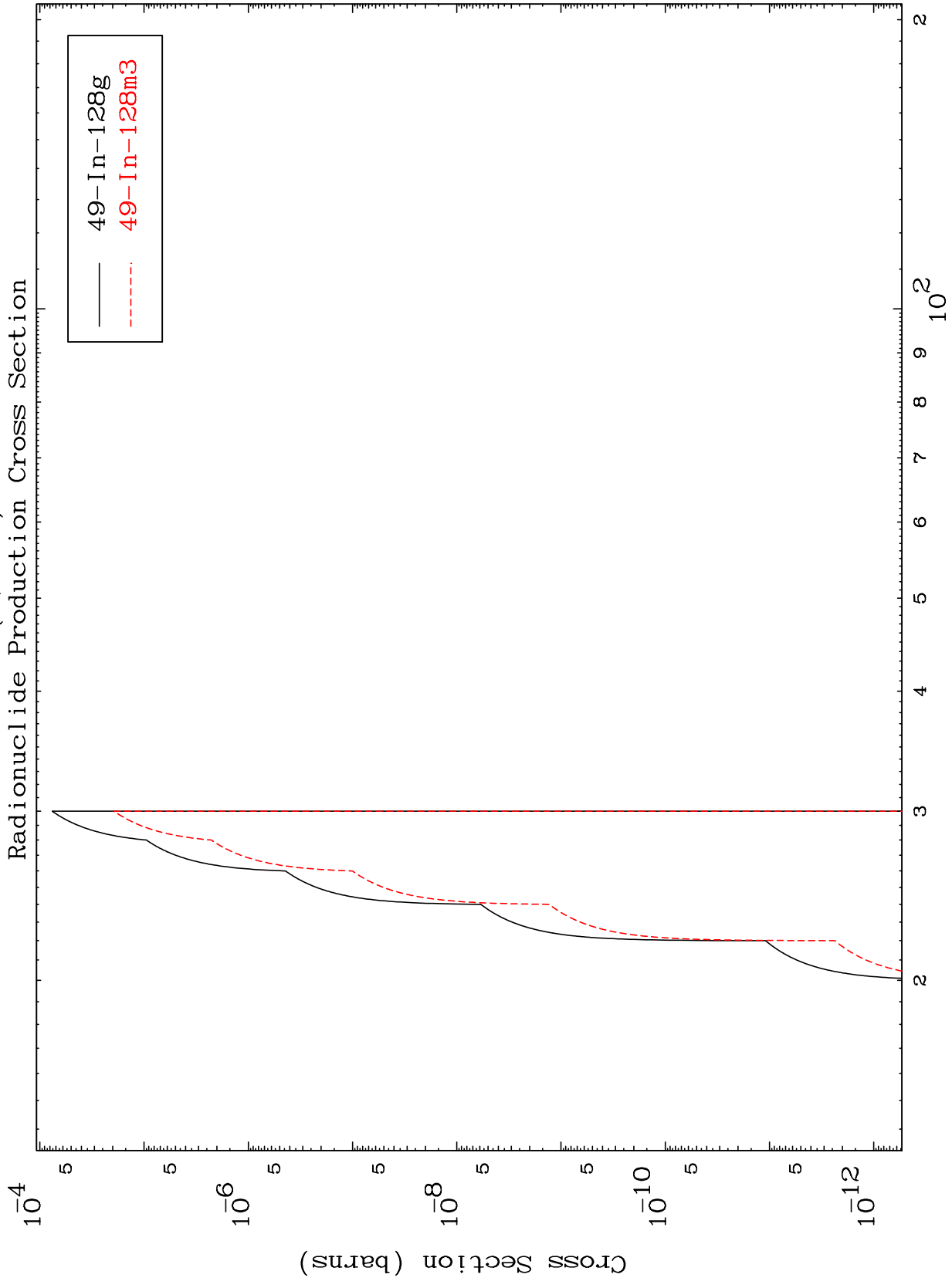
Incident Energy (MeV)

49-In-127

MAT 4969

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

49-In-127



28

Incident Energy (MeV)

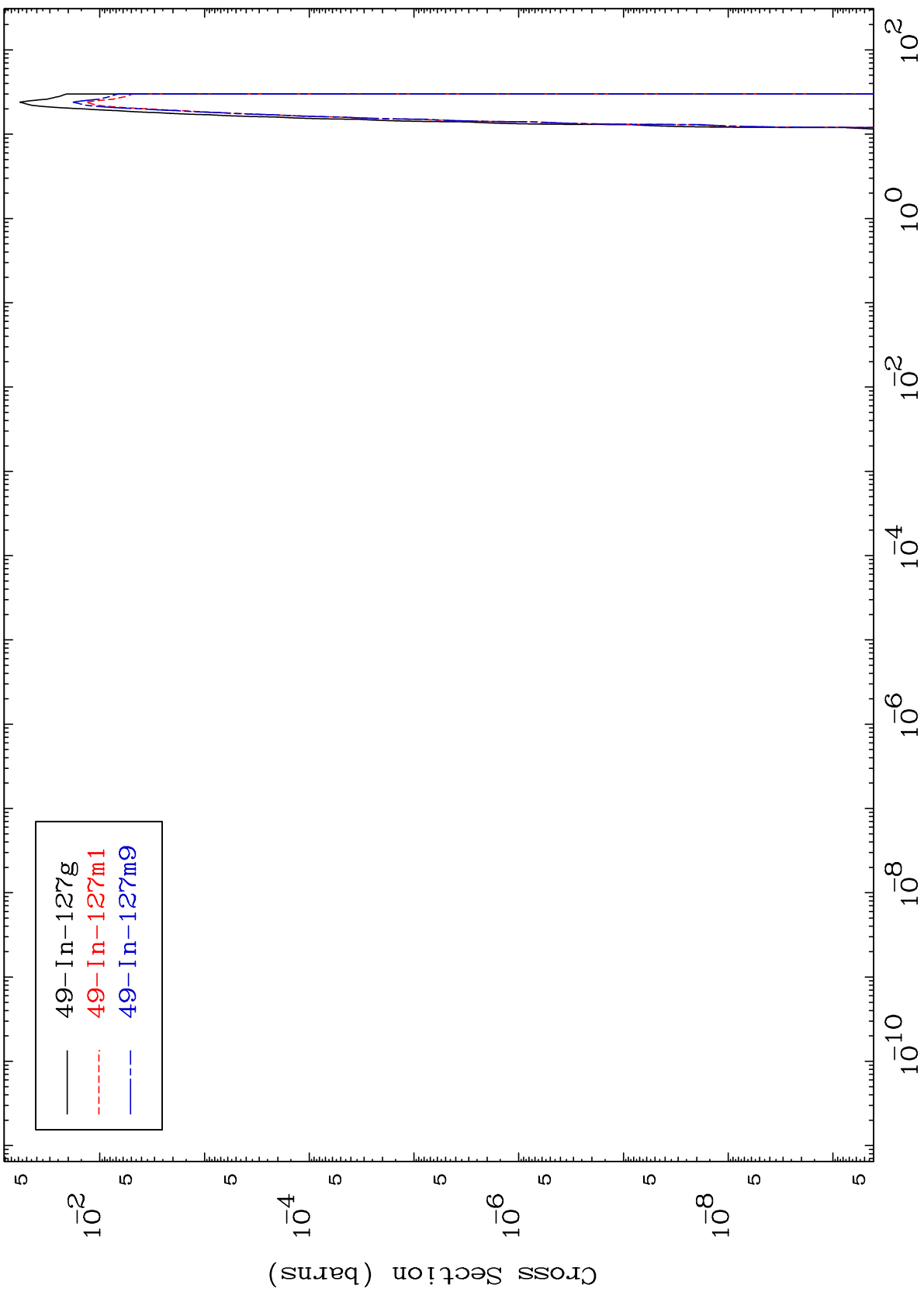
49-In-127

MAT 4969

(α, α)

49-In-127

Radionuclide Production Cross Section



29

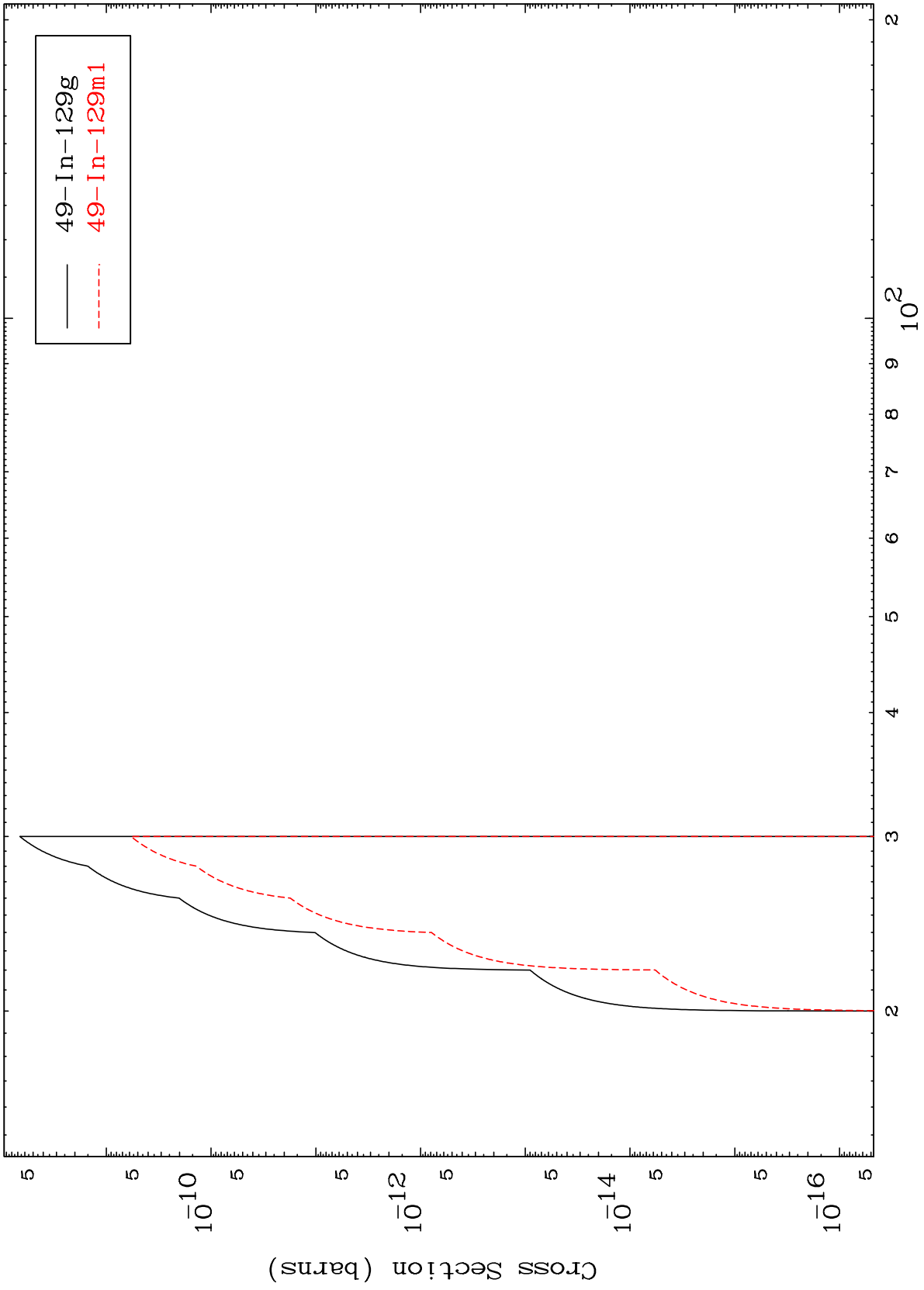
Incident Energy (MeV)

49-In-127

MAT 4969

49-In-127

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



30

49-In-127

Incident Energy (MeV)