

Program EVALPLOT
(Version 2018-1)

by

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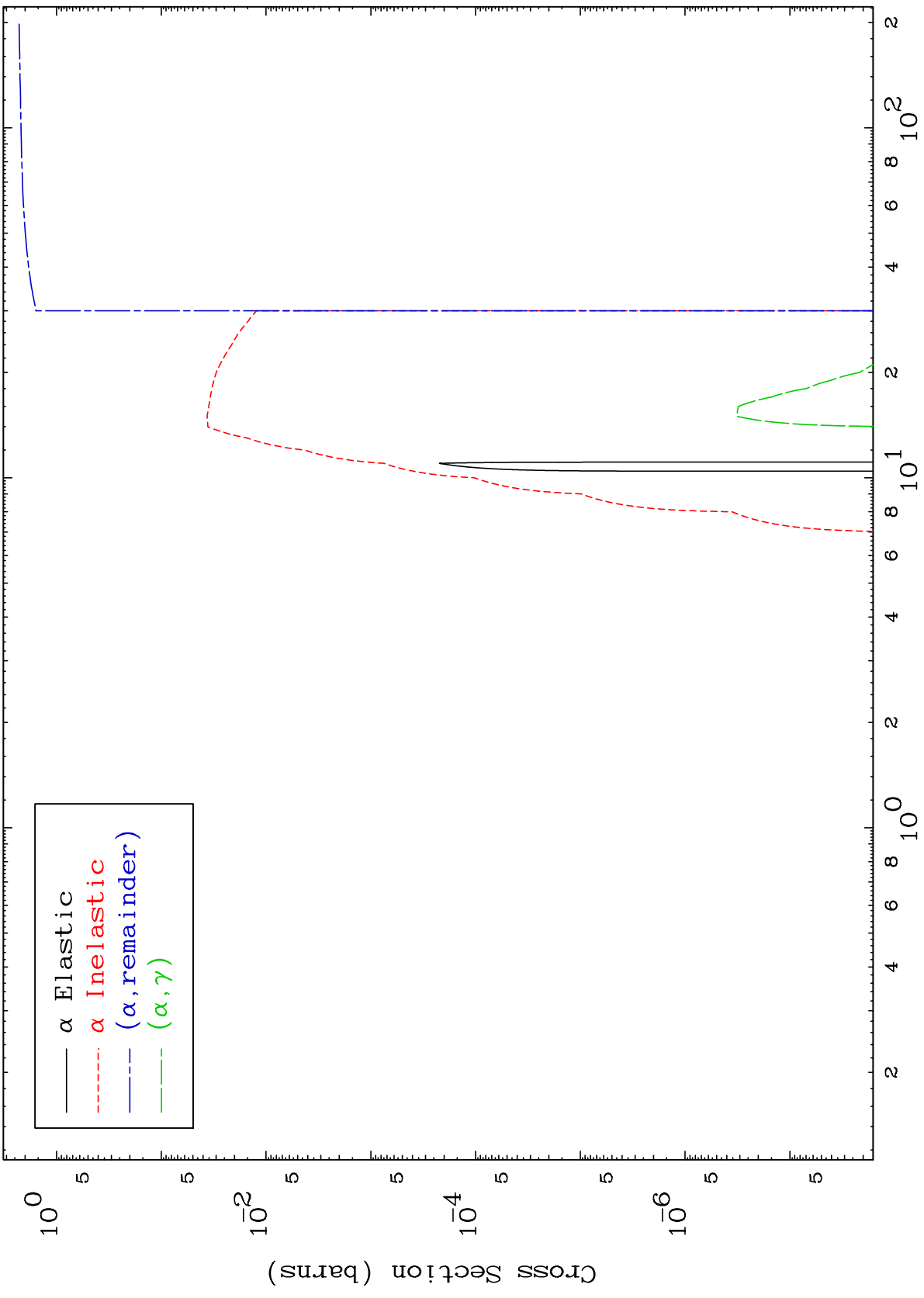
Press Mouse Button to Start

MAT 4967

α Major

49-In-127

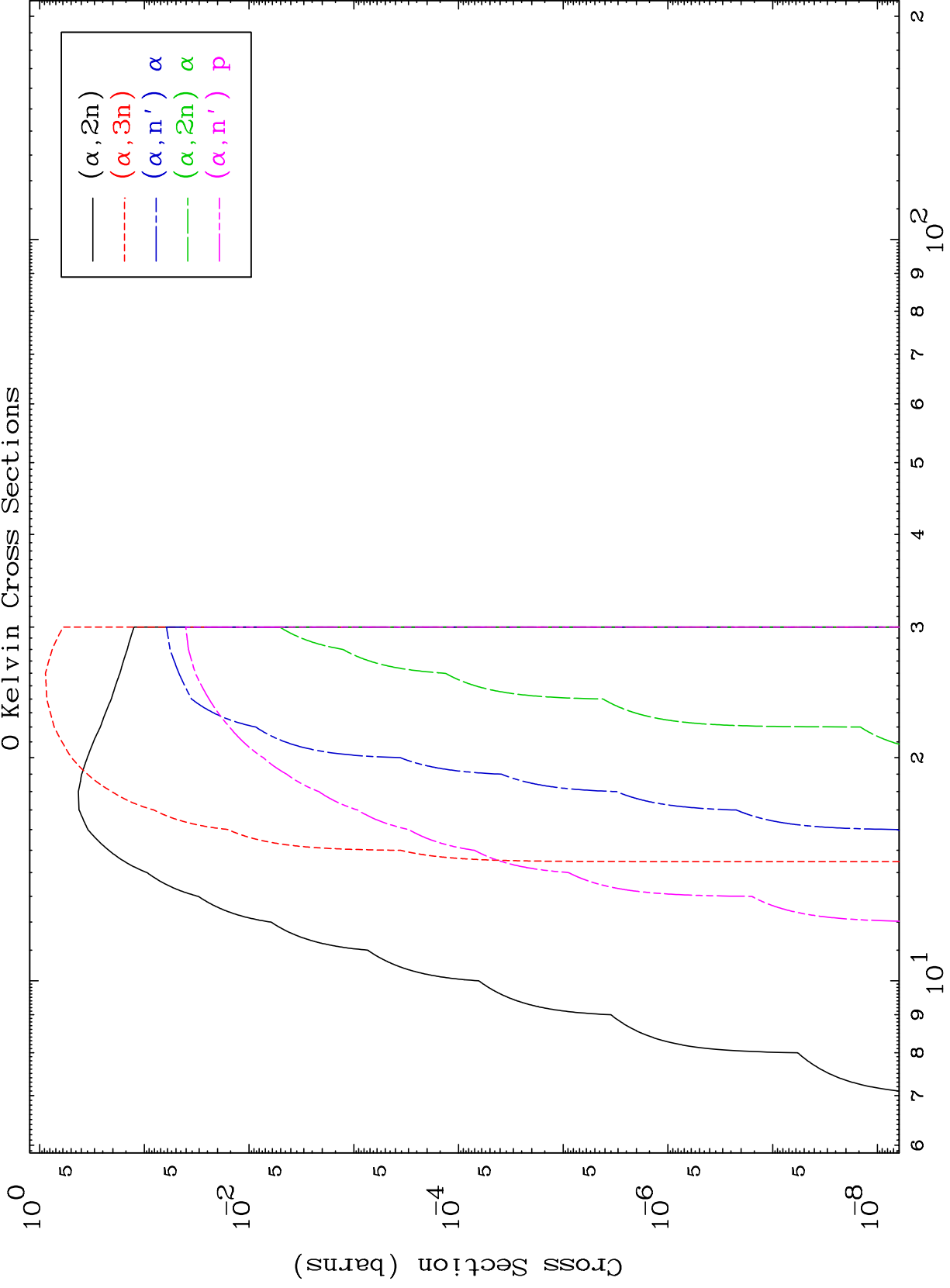
0 Kelvin Cross Sections



MAT 4967

α Neutron Production
0 Kelvin Cross Sections

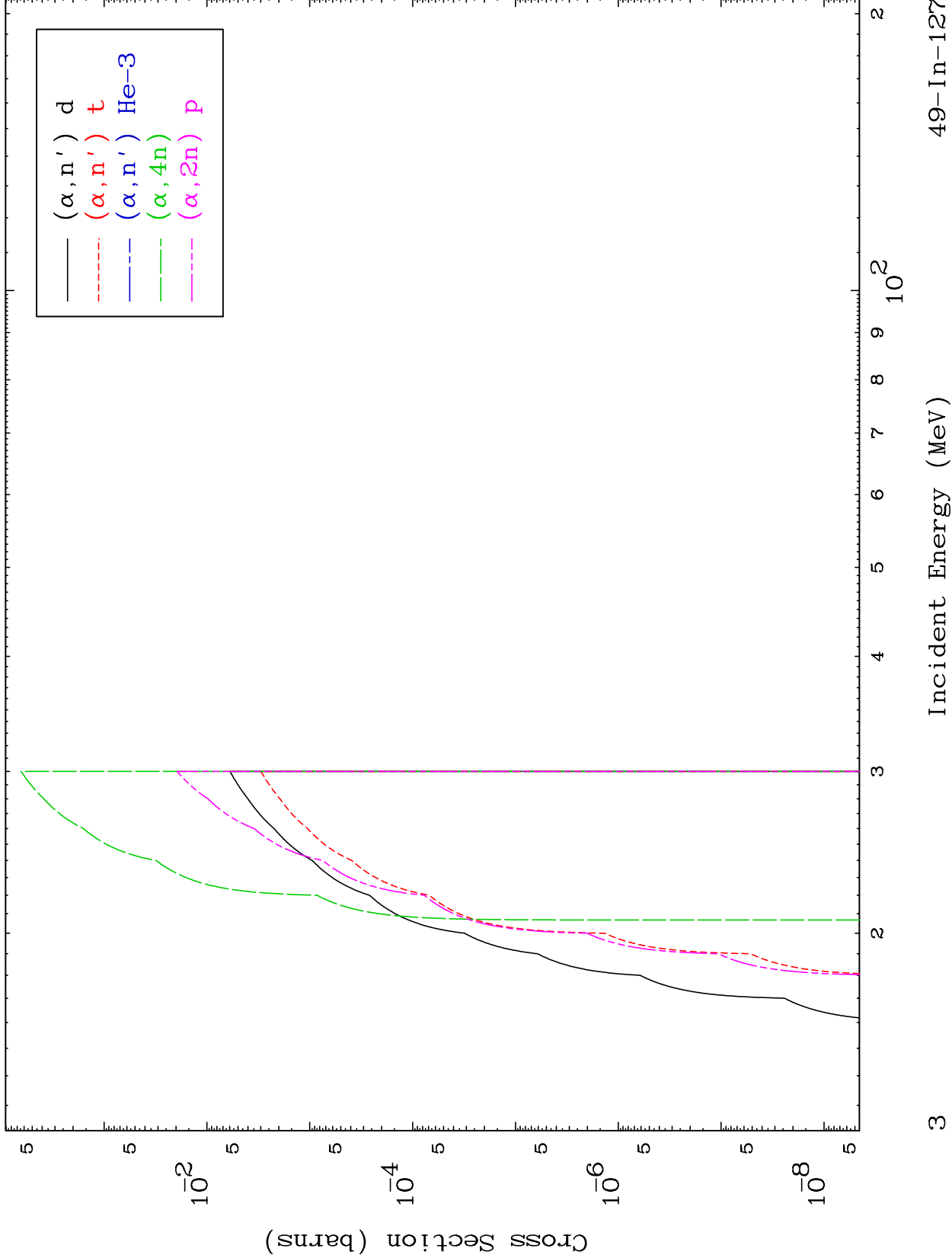
49-In-127

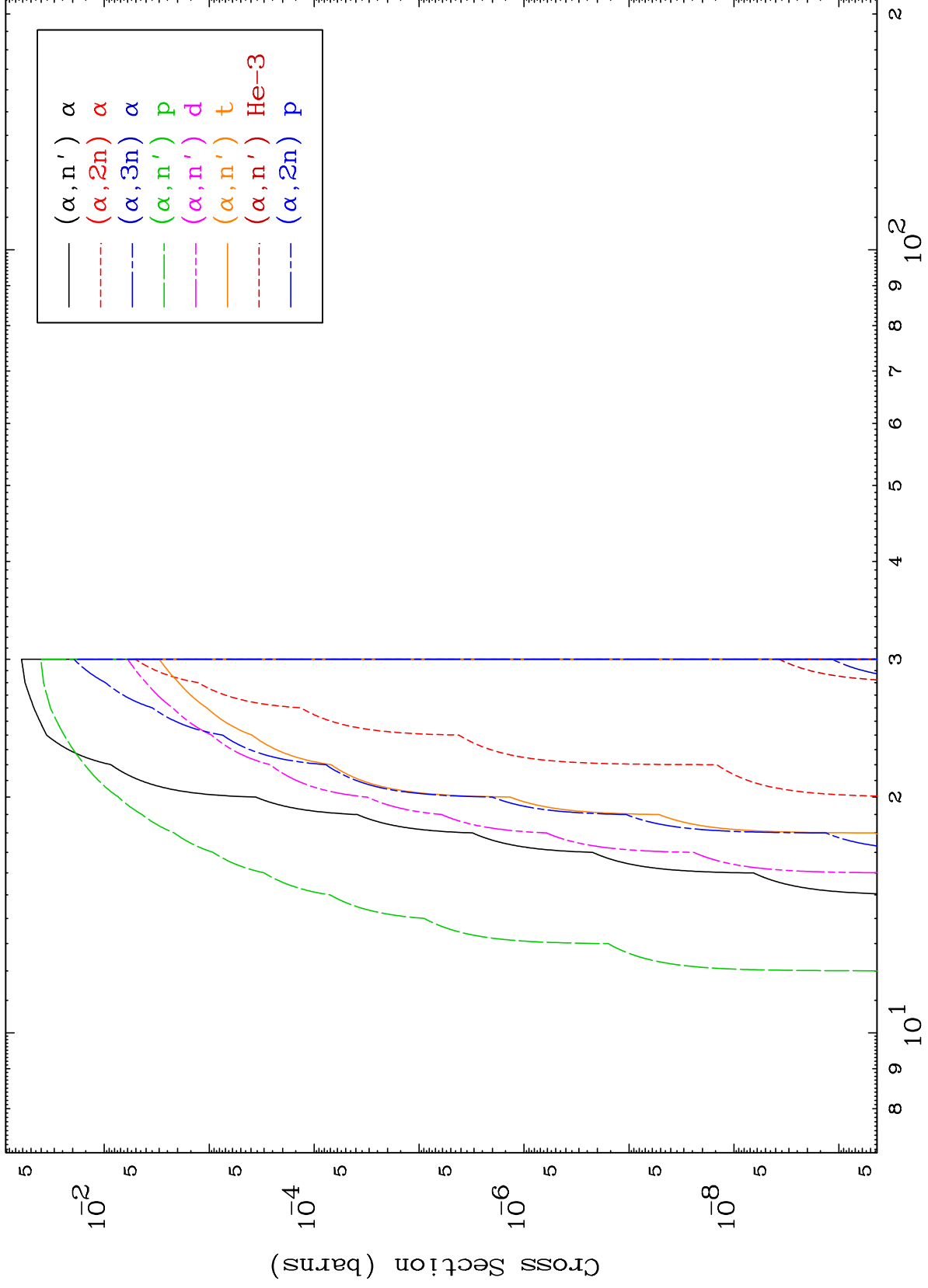


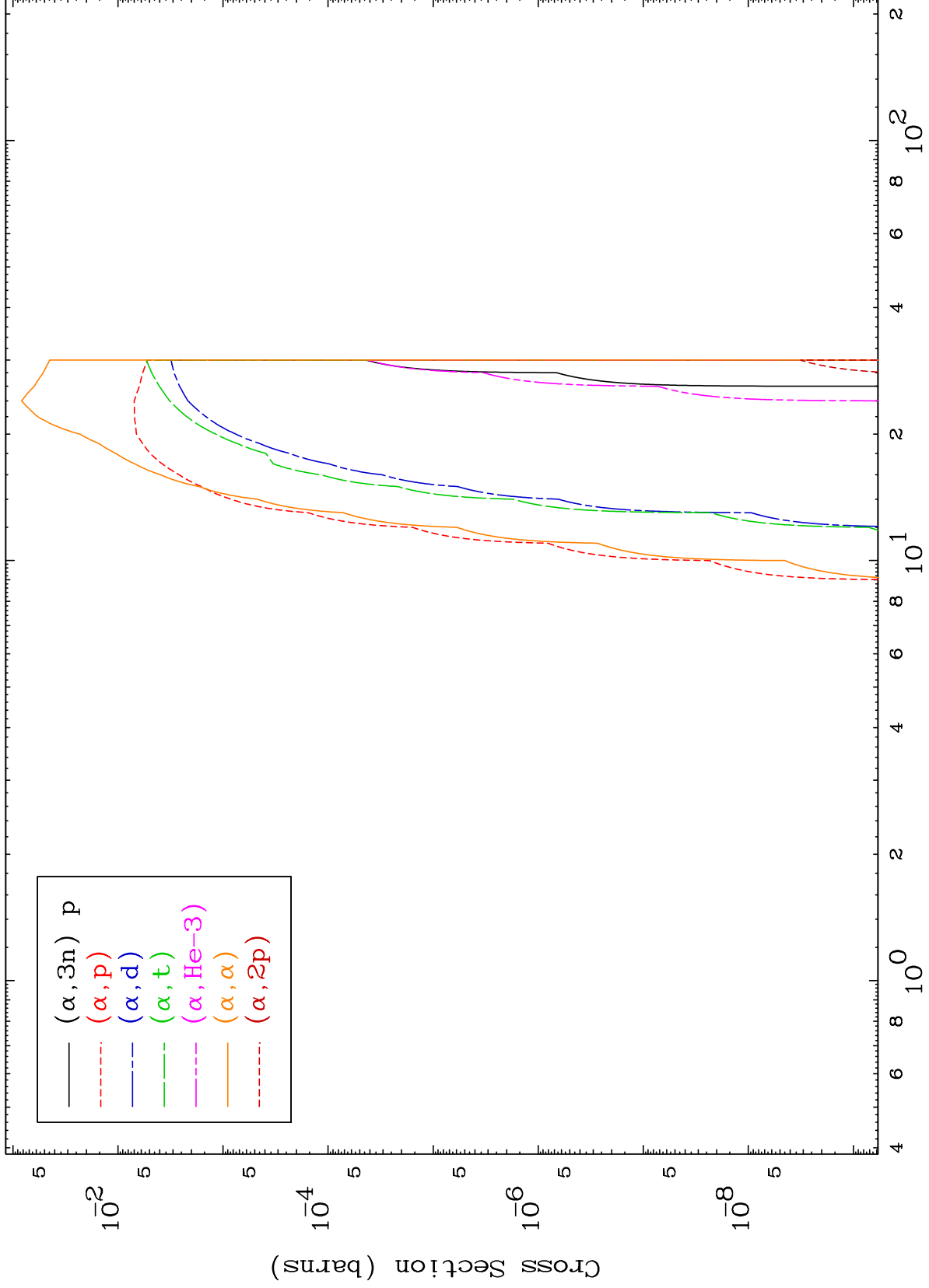
2

Incident Energy (MeV)

49-In-127



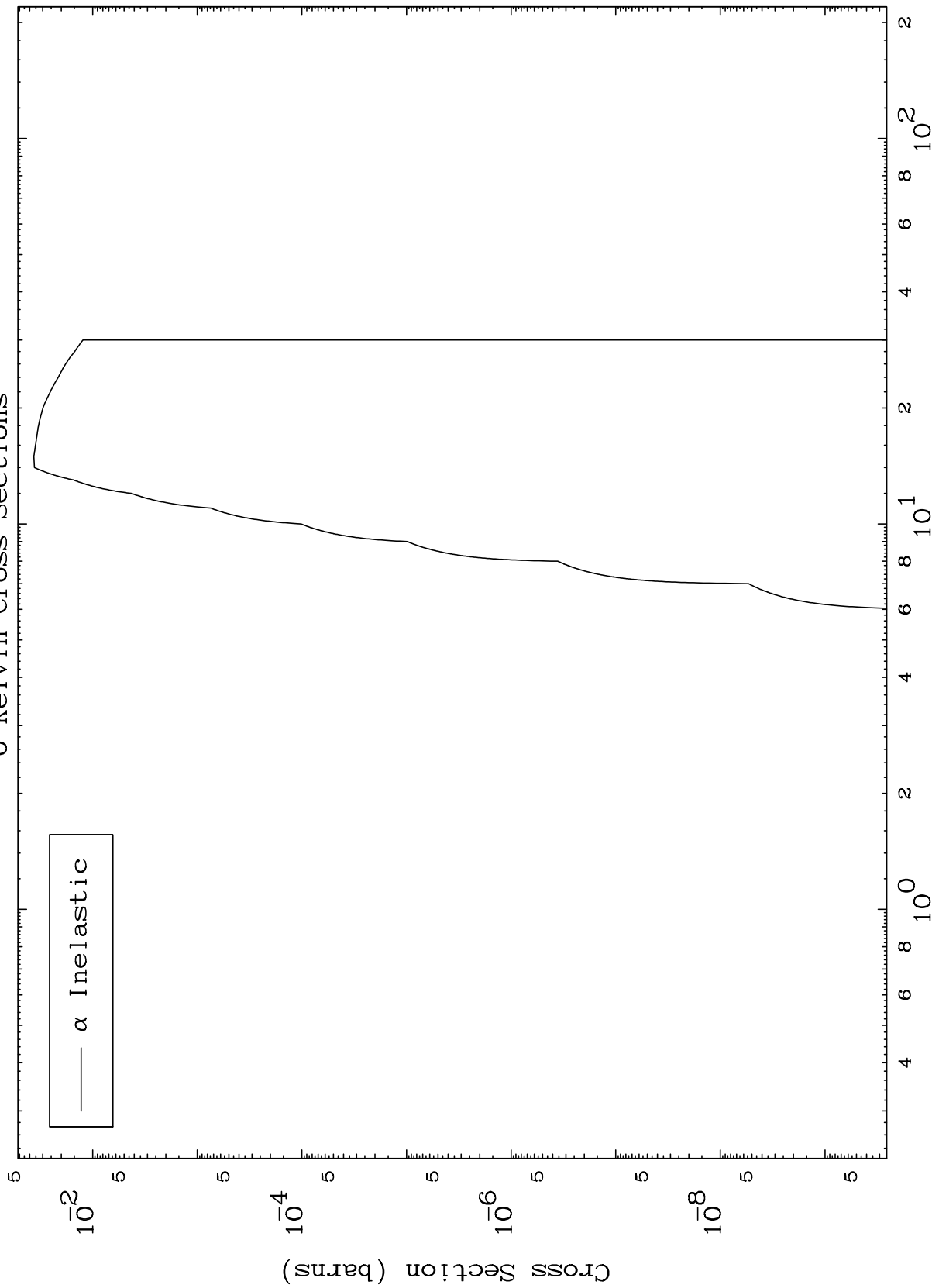




MAT 4967

49-In-127

(α, n') Level
0 Kelvin Cross Sections



6

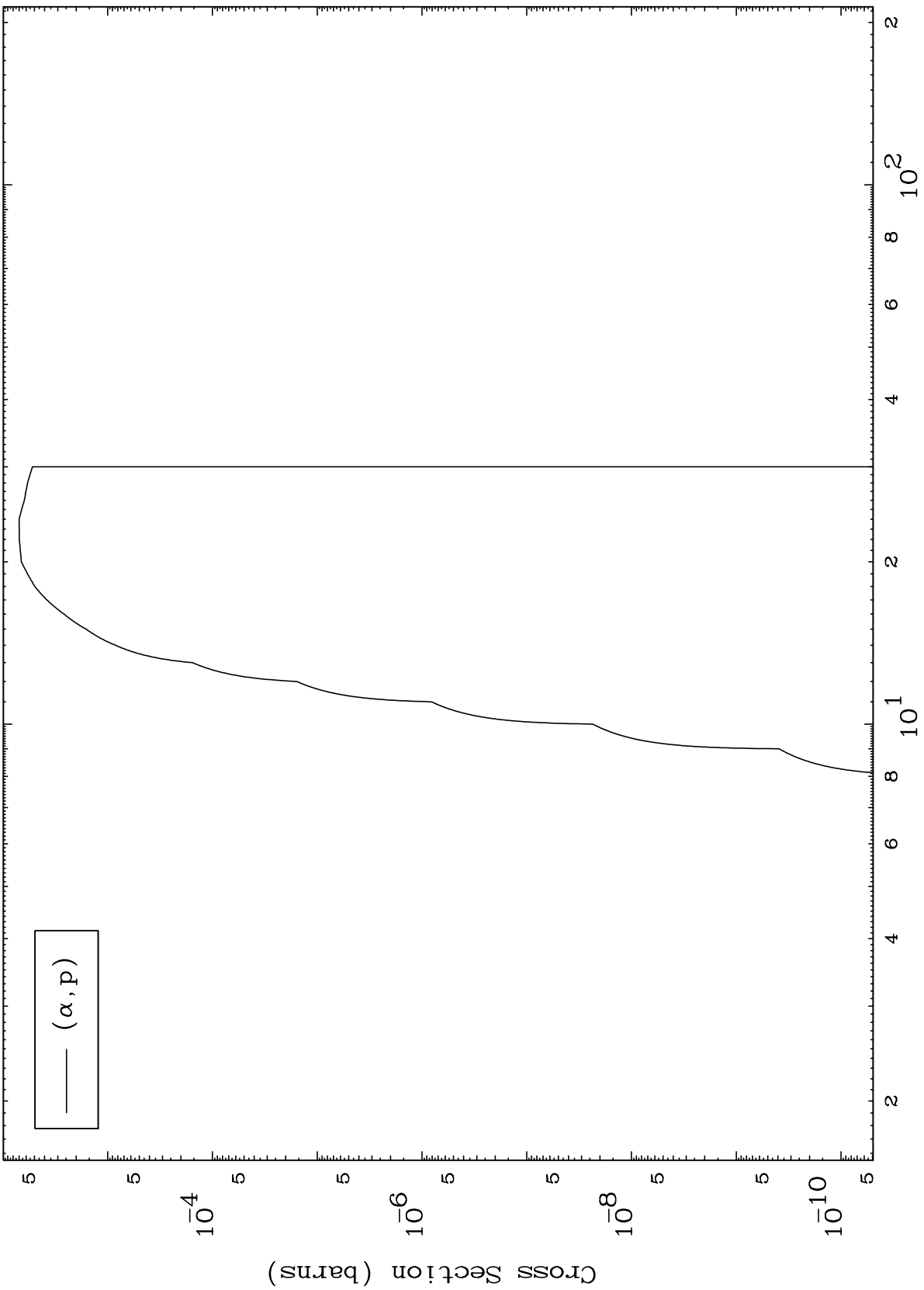
49-In-127

Incident Energy (MeV)

MAT 4967

49-In-127

(α, p) Levels
0 Kelvin Cross Sections



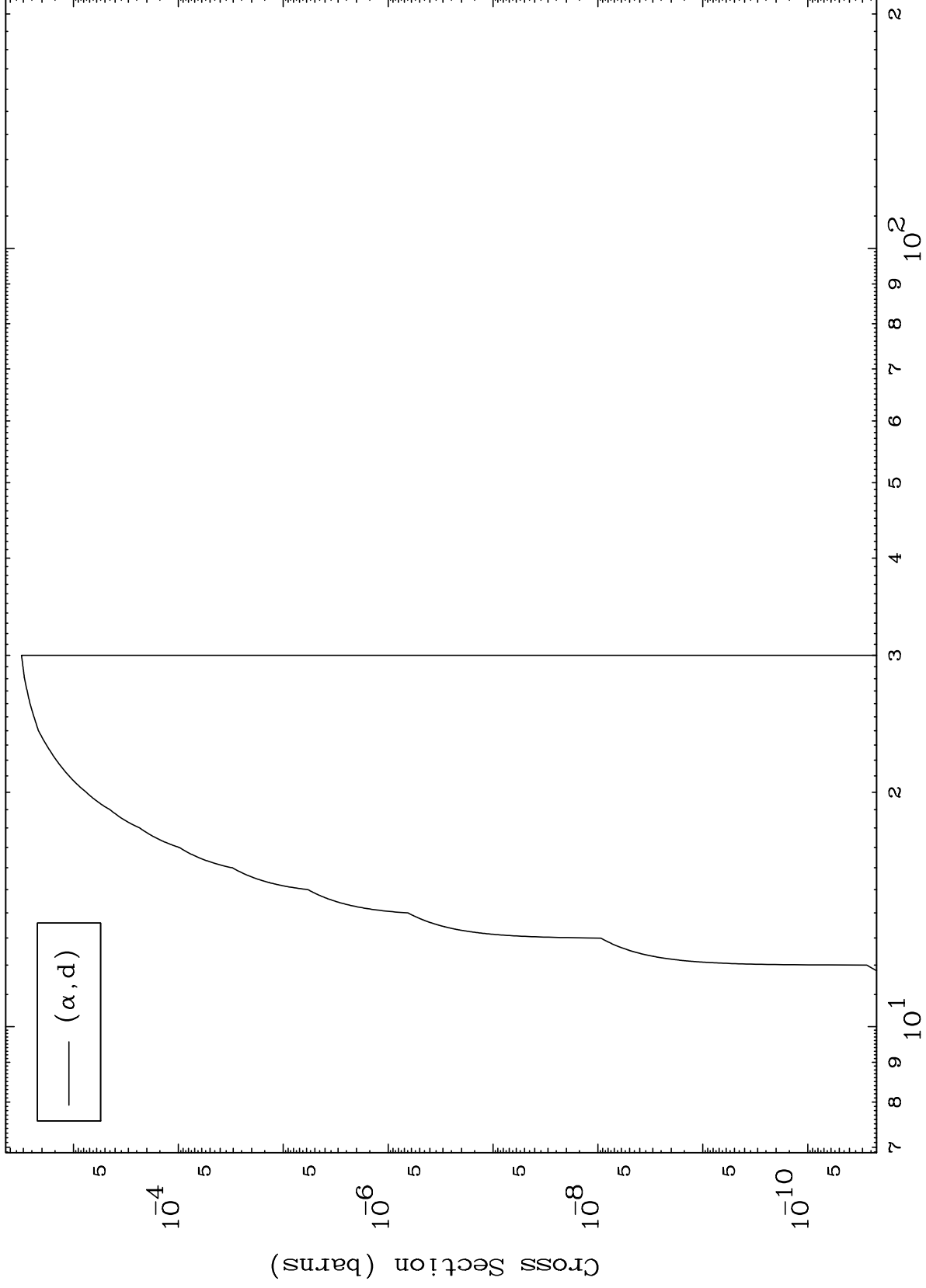
49-In-127

Incident Energy (MeV)

MAT 4967

(α, d) Levels
0 Kelvin Cross Sections

49-In-127



8

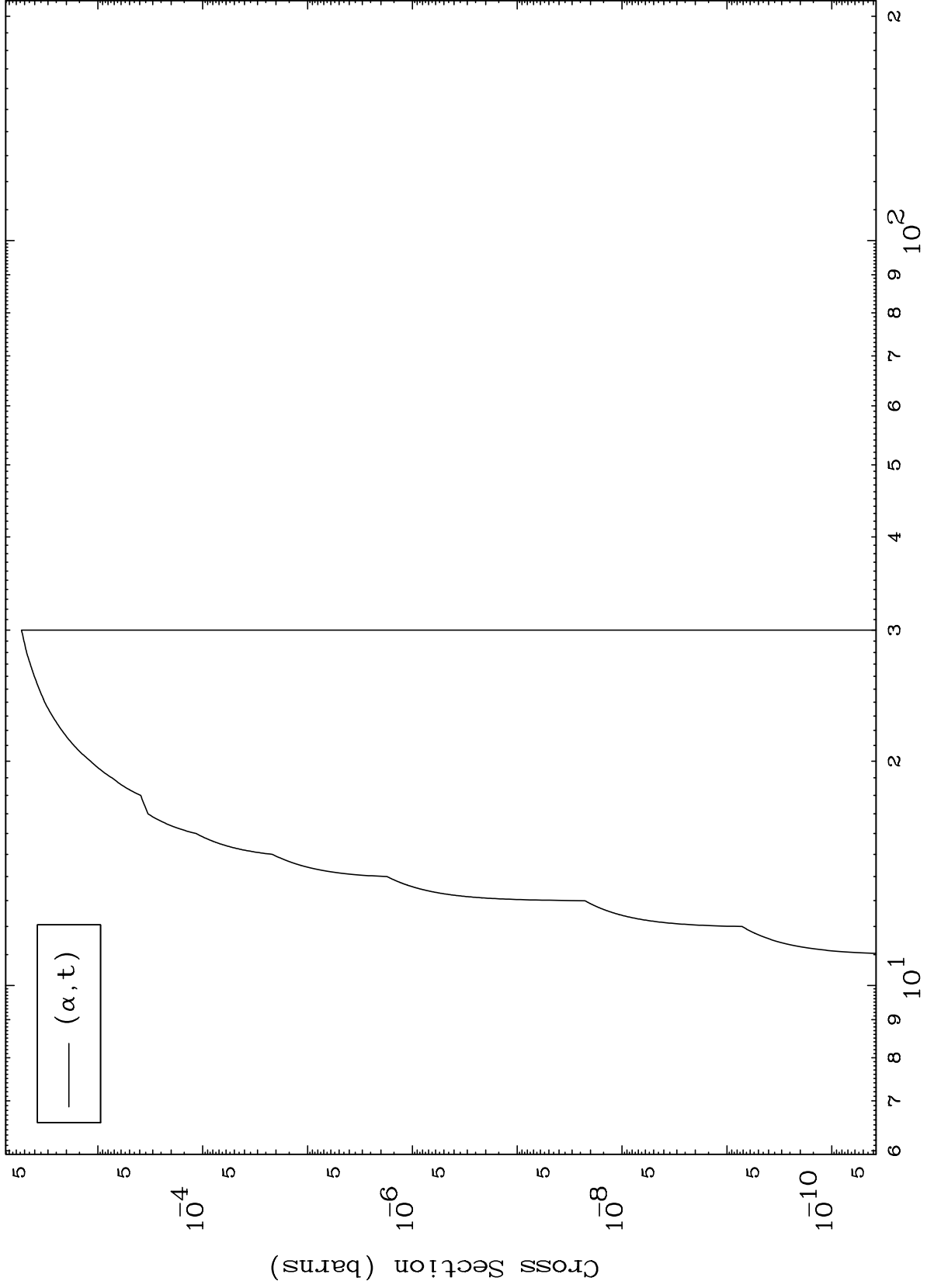
Incident Energy (MeV)

49-In-127

MAT 4967

(α, t) Levels
0 Kelvin Cross Sections

49-In-127



9

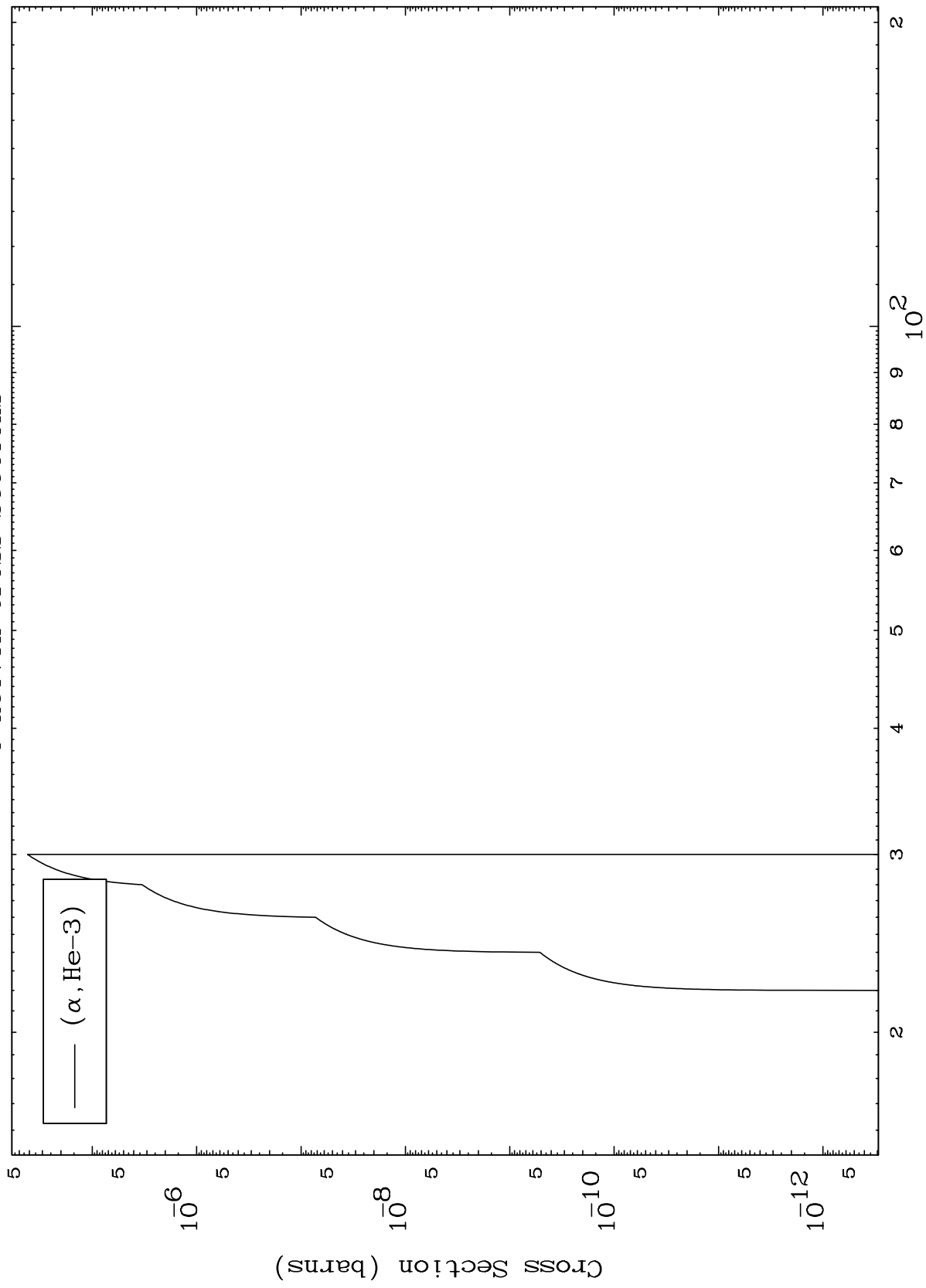
Incident Energy (MeV)

49-In-127

MAT 4967

(α ,He3) Levels
0 Kelvin Cross Sections

49-In-127



10

Incident Energy (MeV)

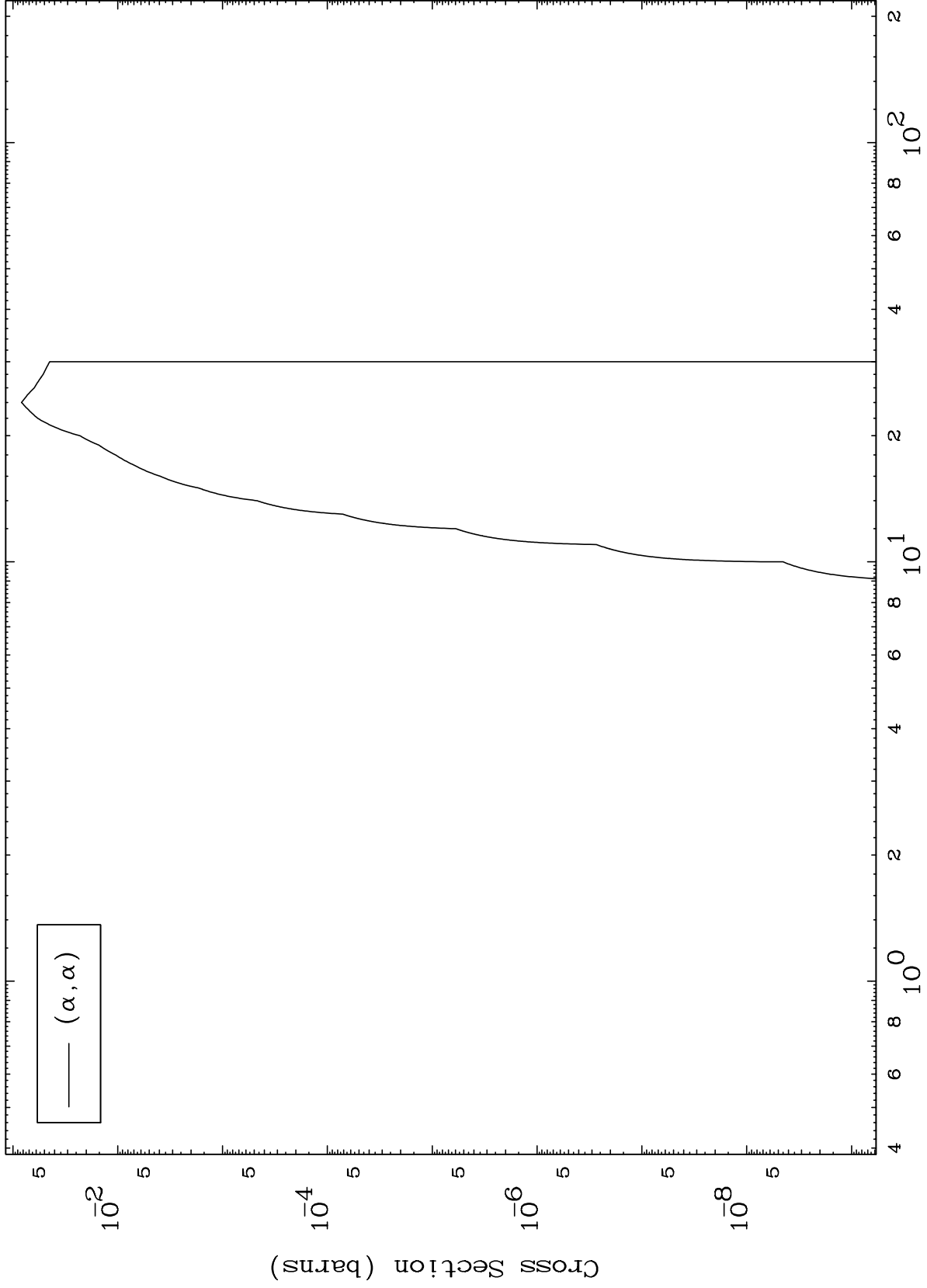
49-In-127

MAT 4967

(α, α) Levels

49-In-127

0 Kelvin Cross Sections

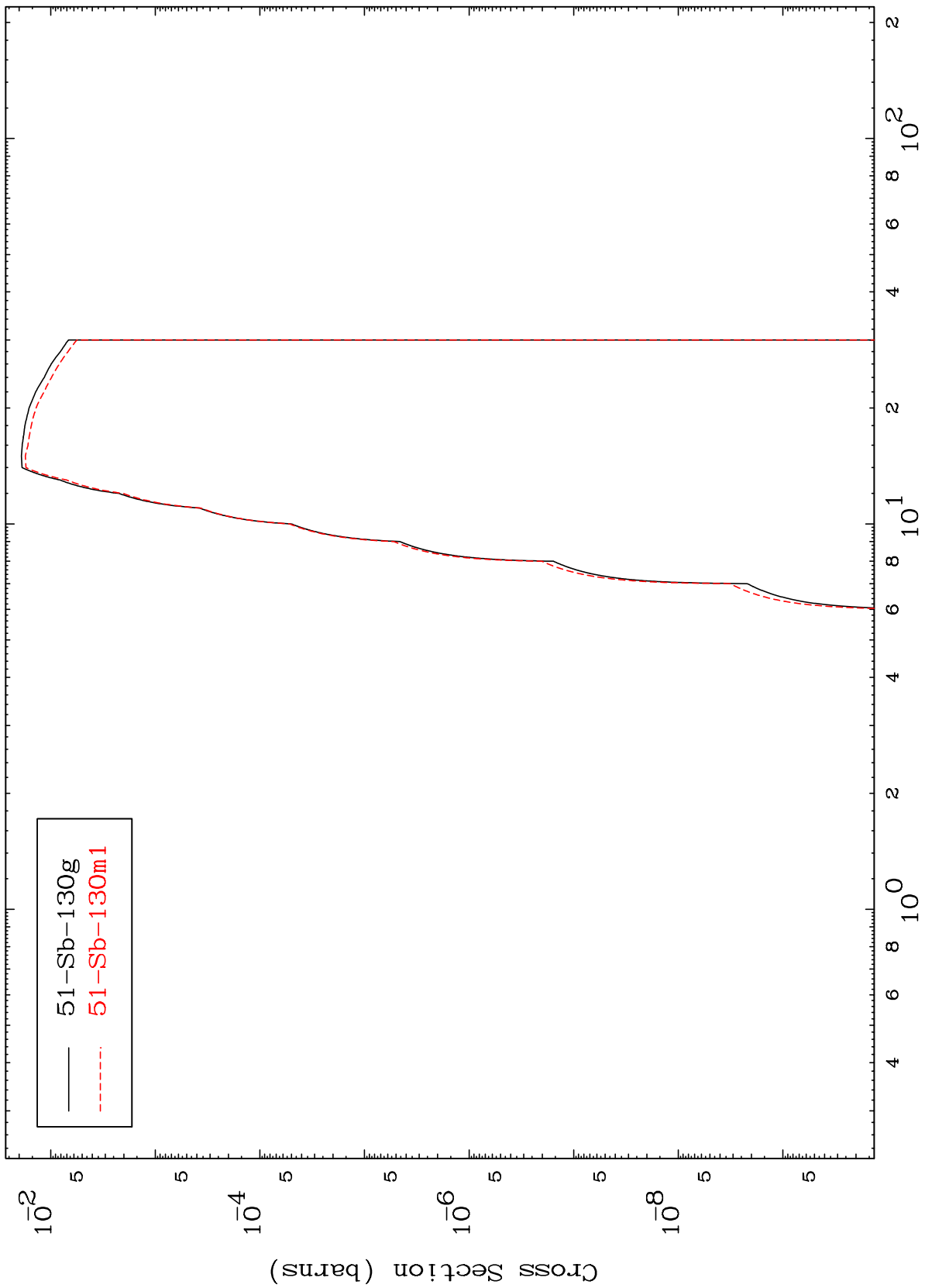


(α, α)

MAT 4967

49-In-127

Radionuclide Production Cross Section
 α Inelastic



49-In-127

Incident Energy (MeV)

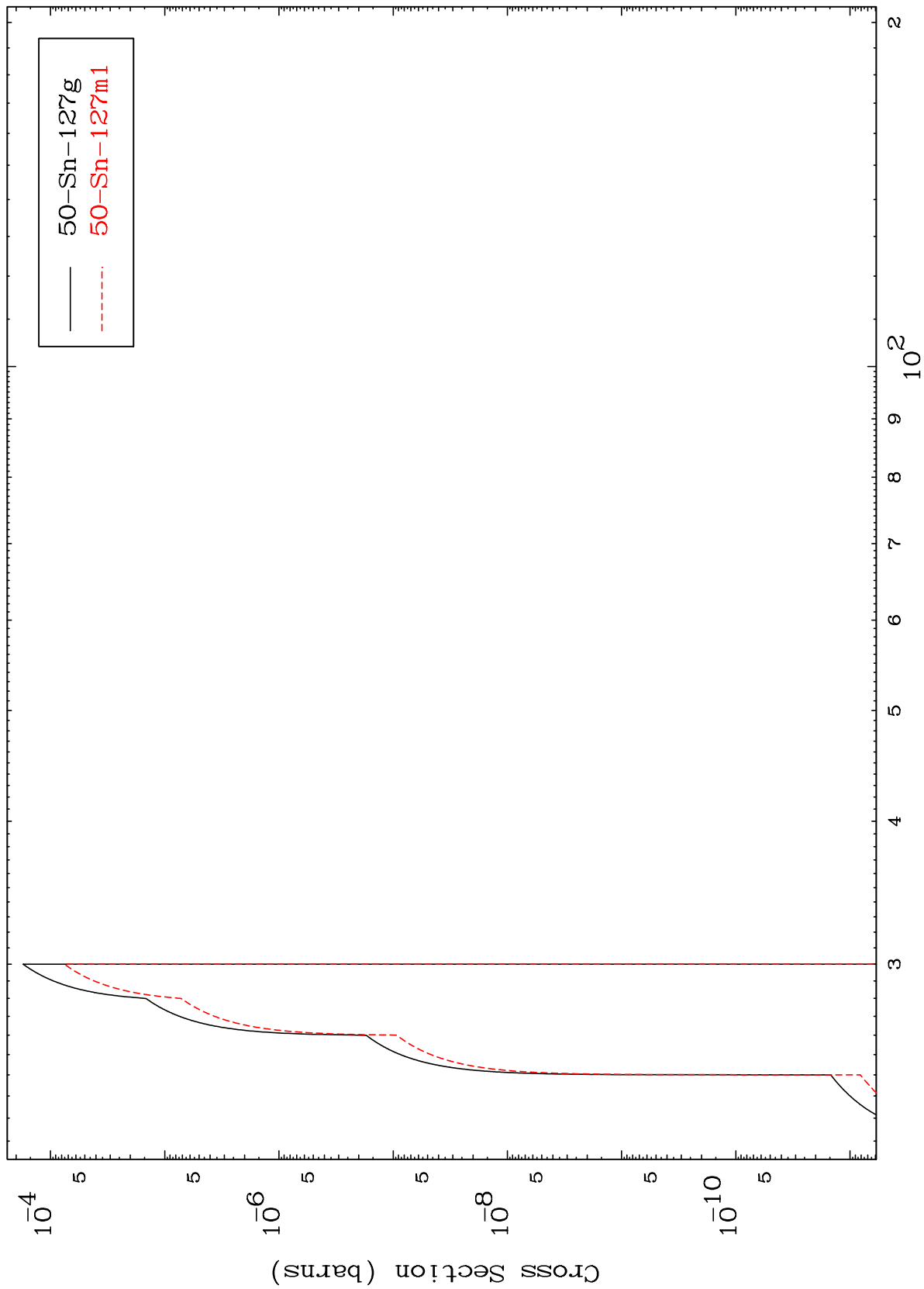
12

MAT 4967

($\alpha, 2n$) d

49-In-127

Radionuclide Production Cross Section



13

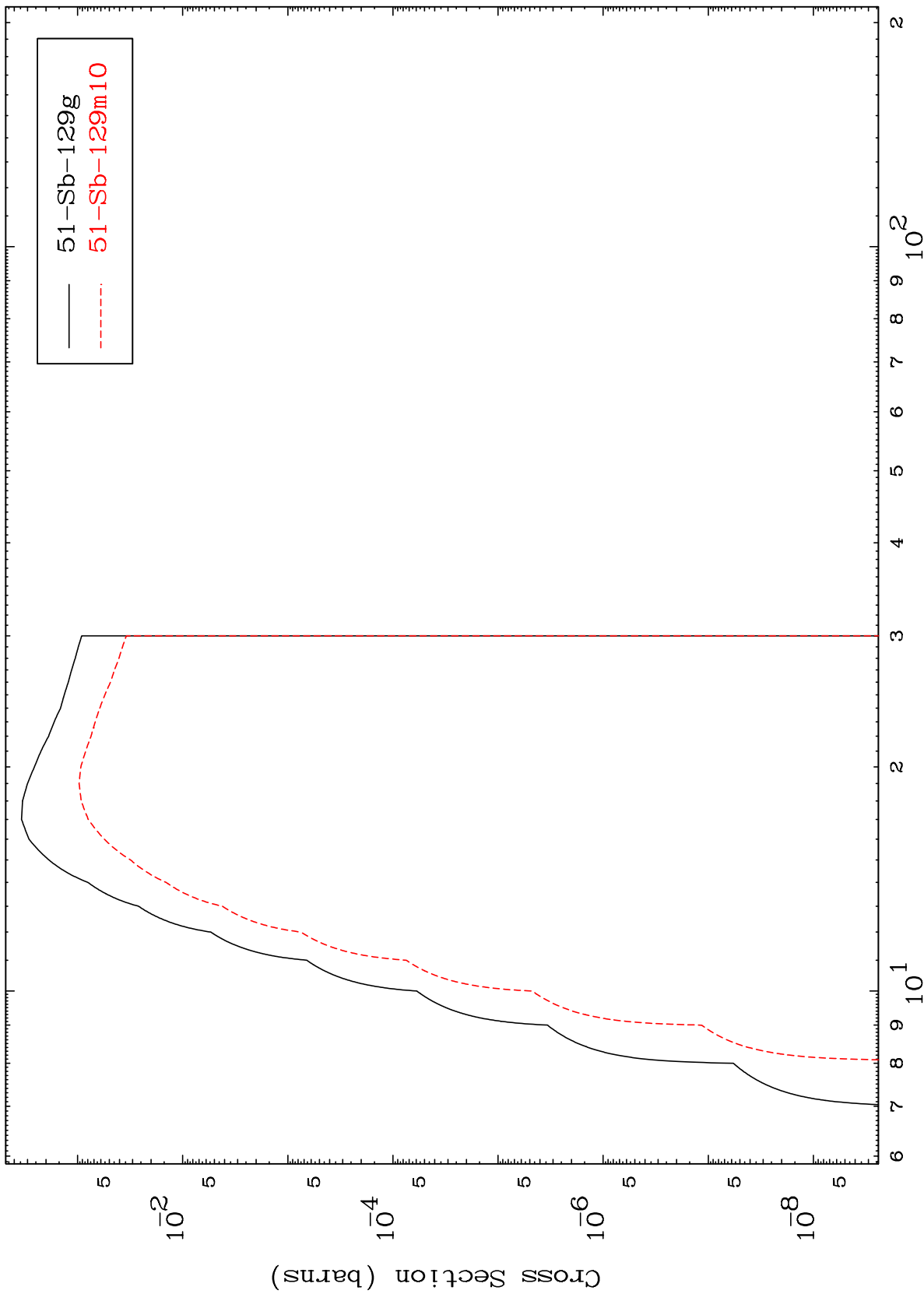
Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127

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



14

Incident Energy (MeV)

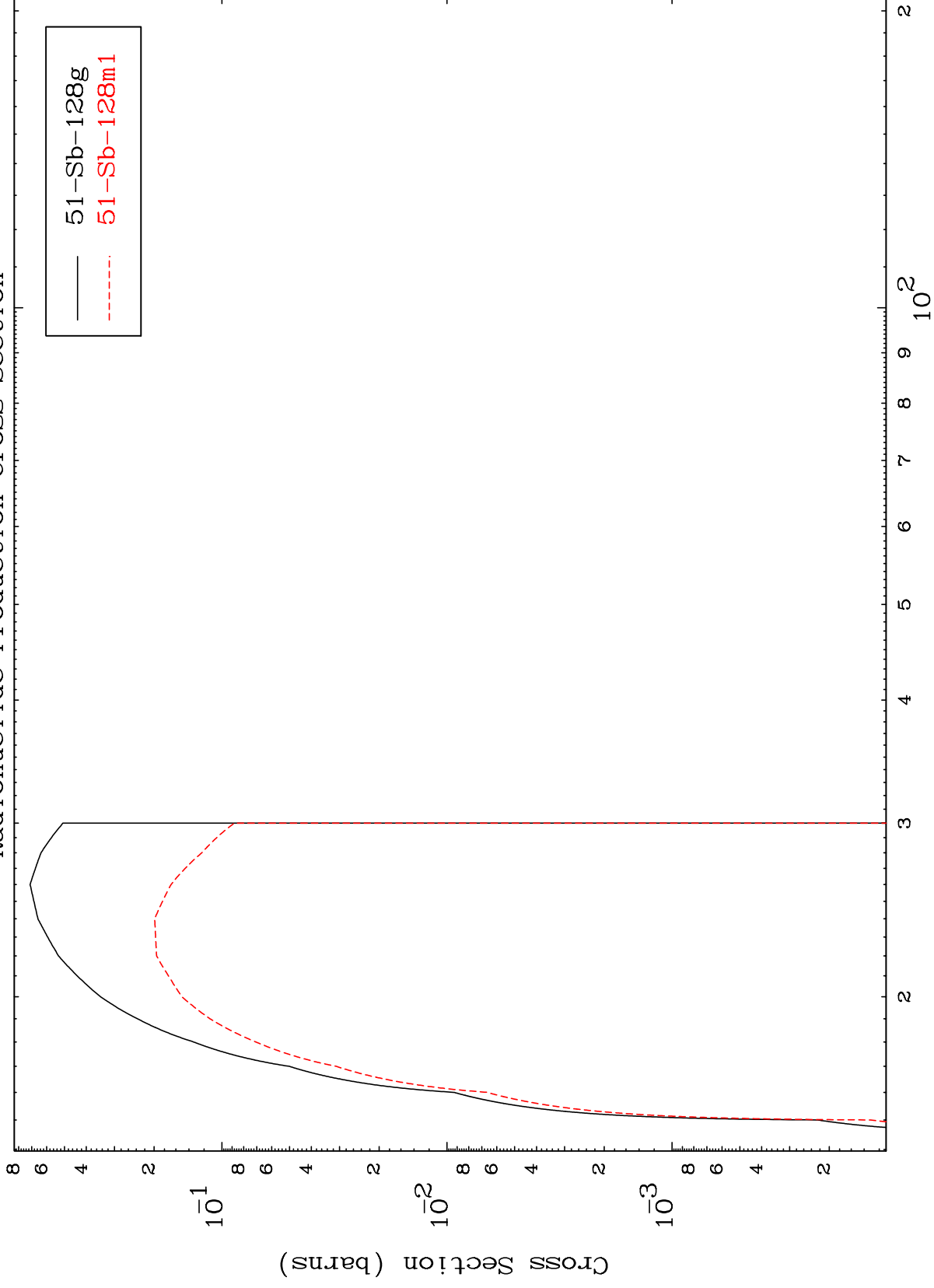
49-In-127

MAT 4967

($\alpha, 3n$)

49-In-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

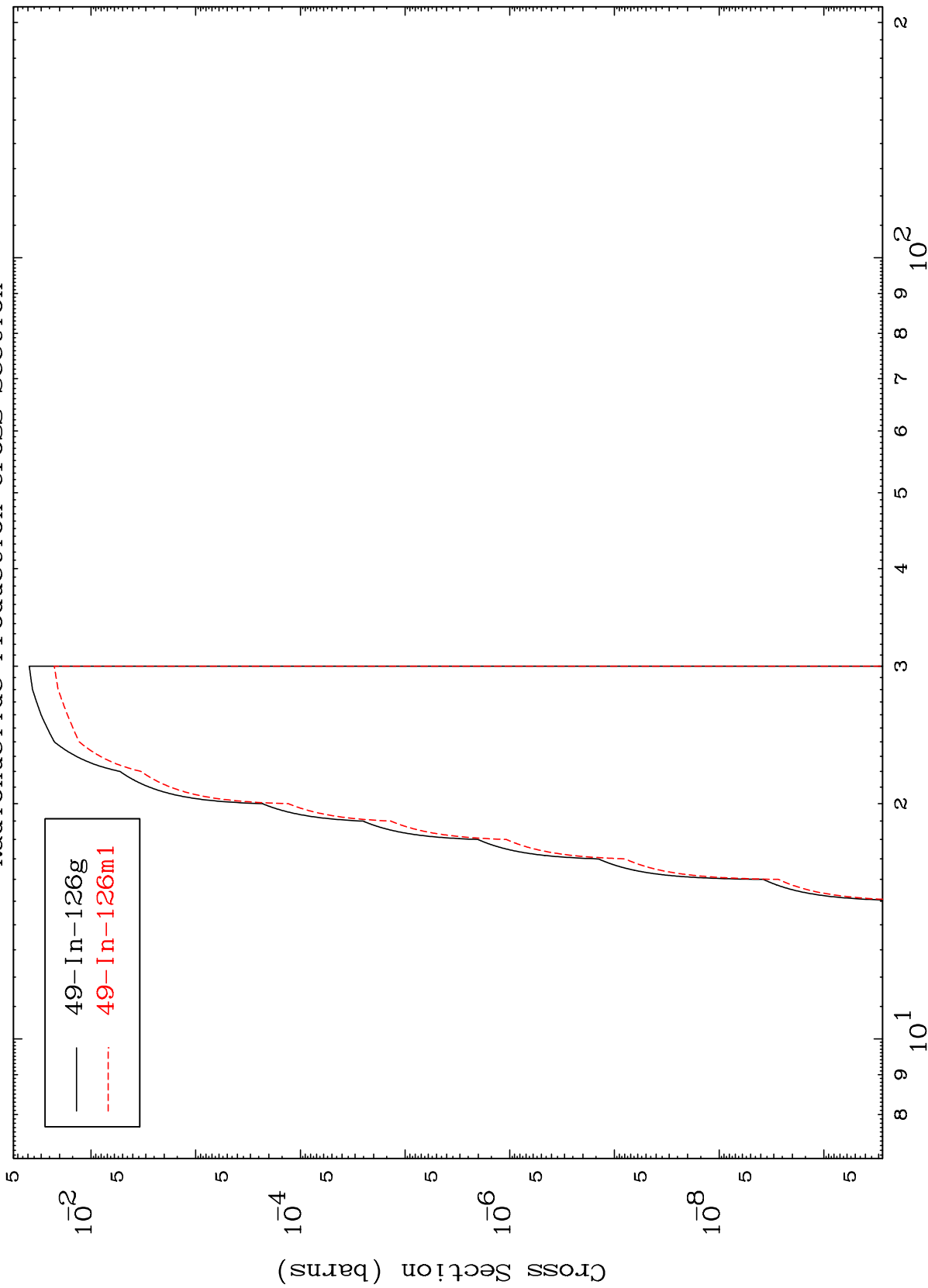
49-In-127

MAT 4967

(α, n') α

49-In-127

Radionuclide Production Cross Section



16

Incident Energy (MeV)

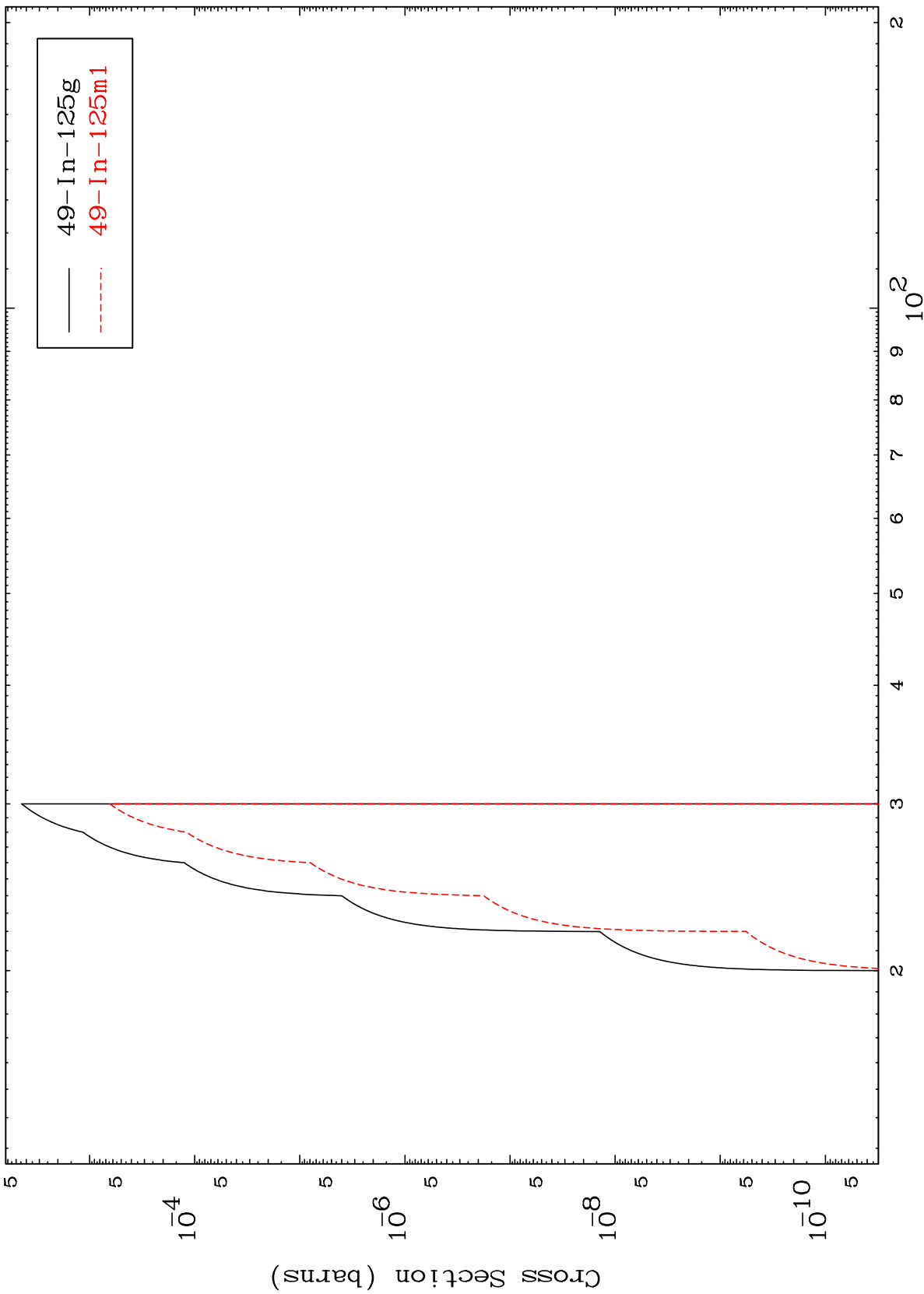
49-In-127

MAT 4967

($\alpha, 2n$) α

49-In-127

Radionuclide Production Cross Section



17

Incident Energy (MeV)

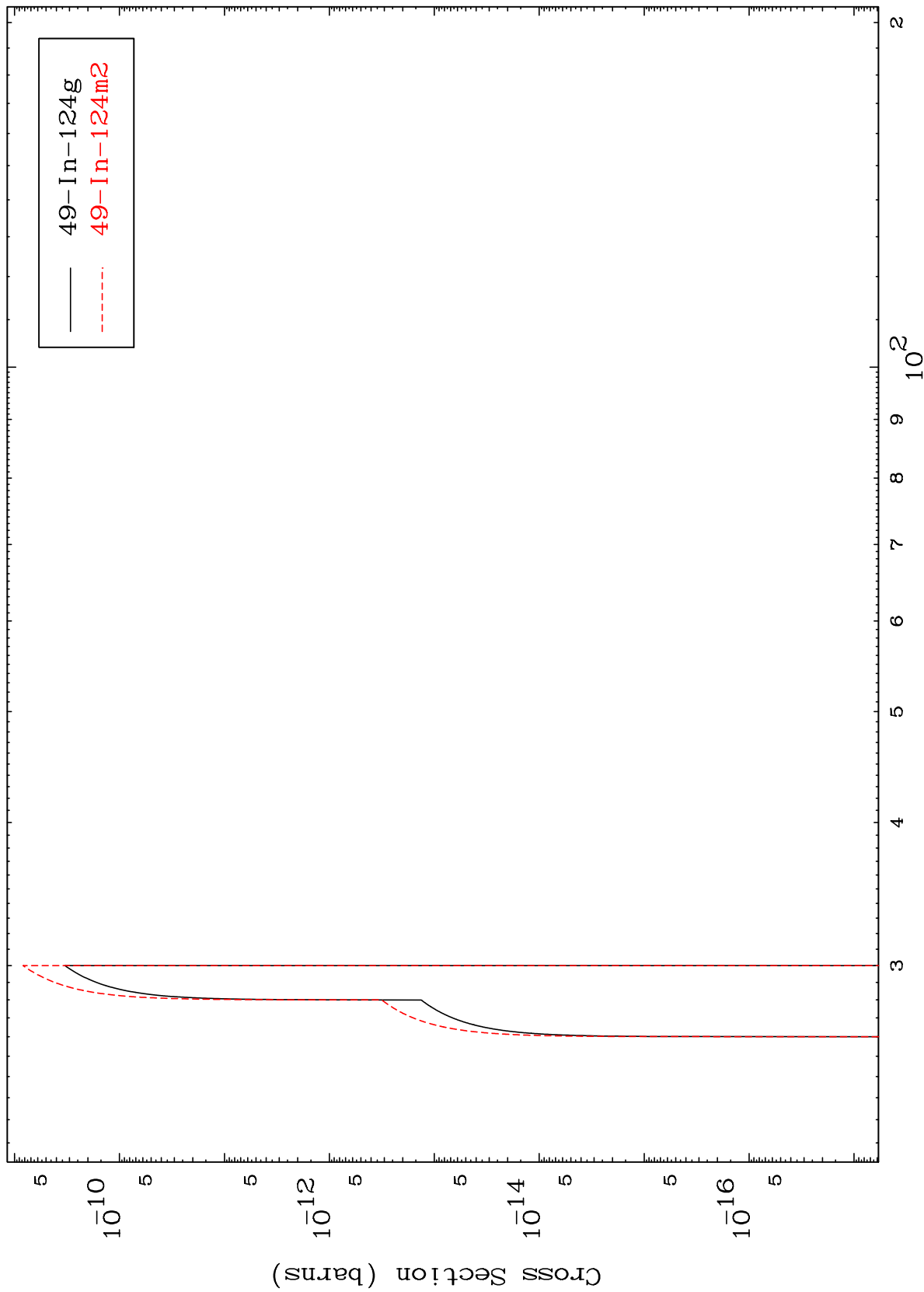
49-In-127

MAT 4967

49-In-127

($\alpha, 3n$) α

Radionuclide Production Cross Section



18

49-In-127

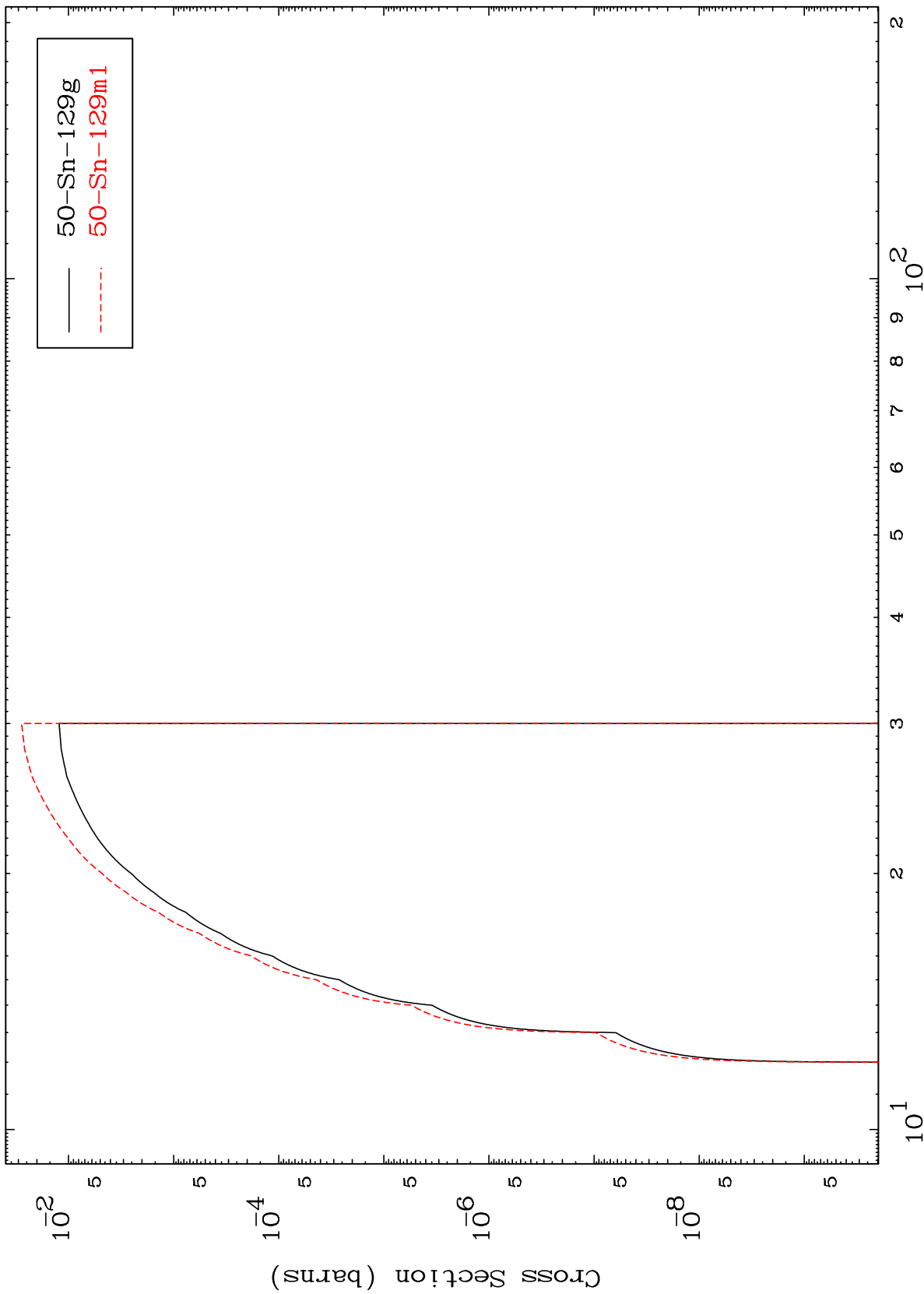
Incident Energy (MeV)

MAT 4967

(α, n') p

49-In-127

Radionuclide Production Cross Section



19

Incident Energy (MeV)

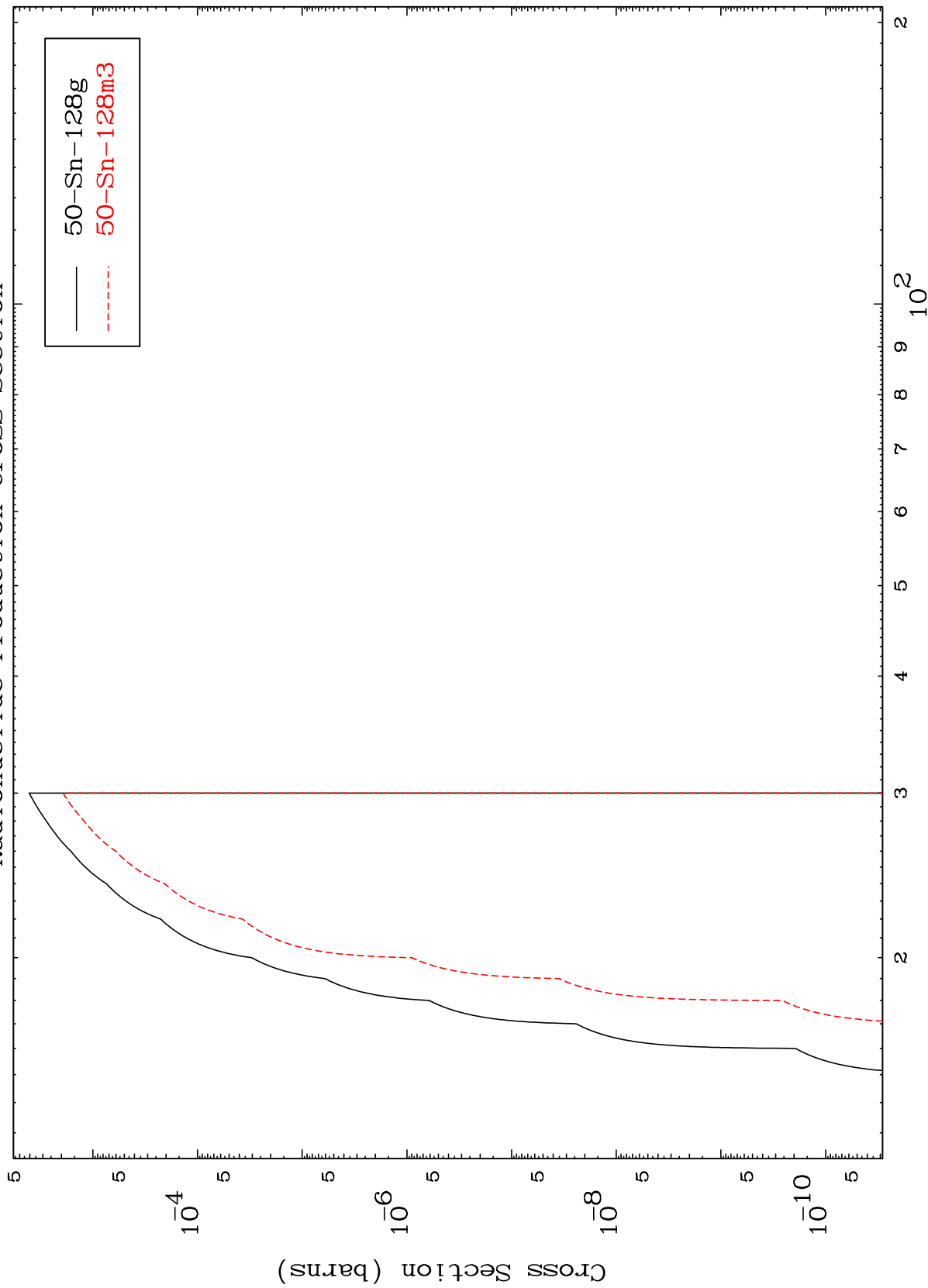
49-In-127

MAT 4967

(α, n') d

49-In-127

Radionuclide Production Cross Section

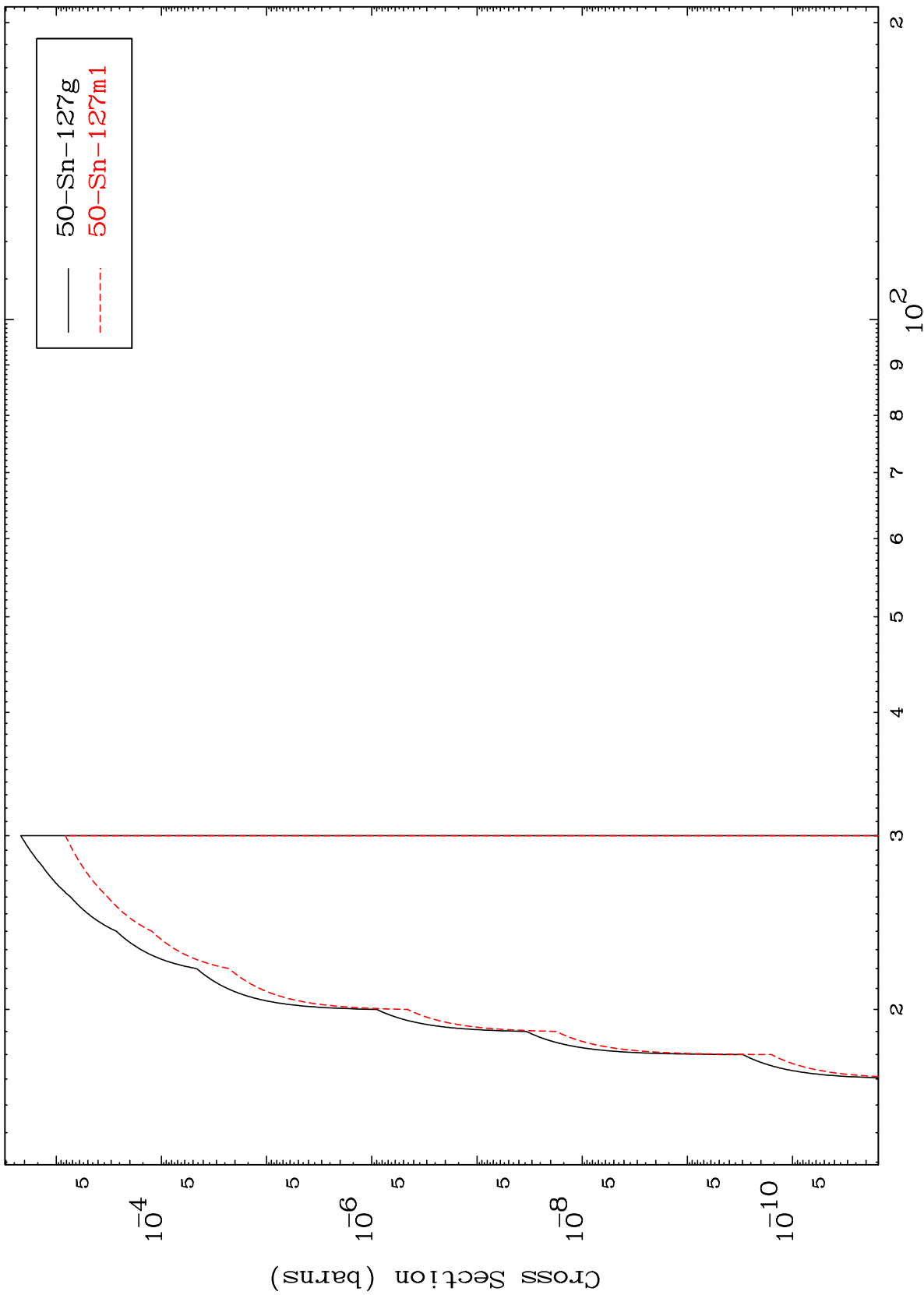


20

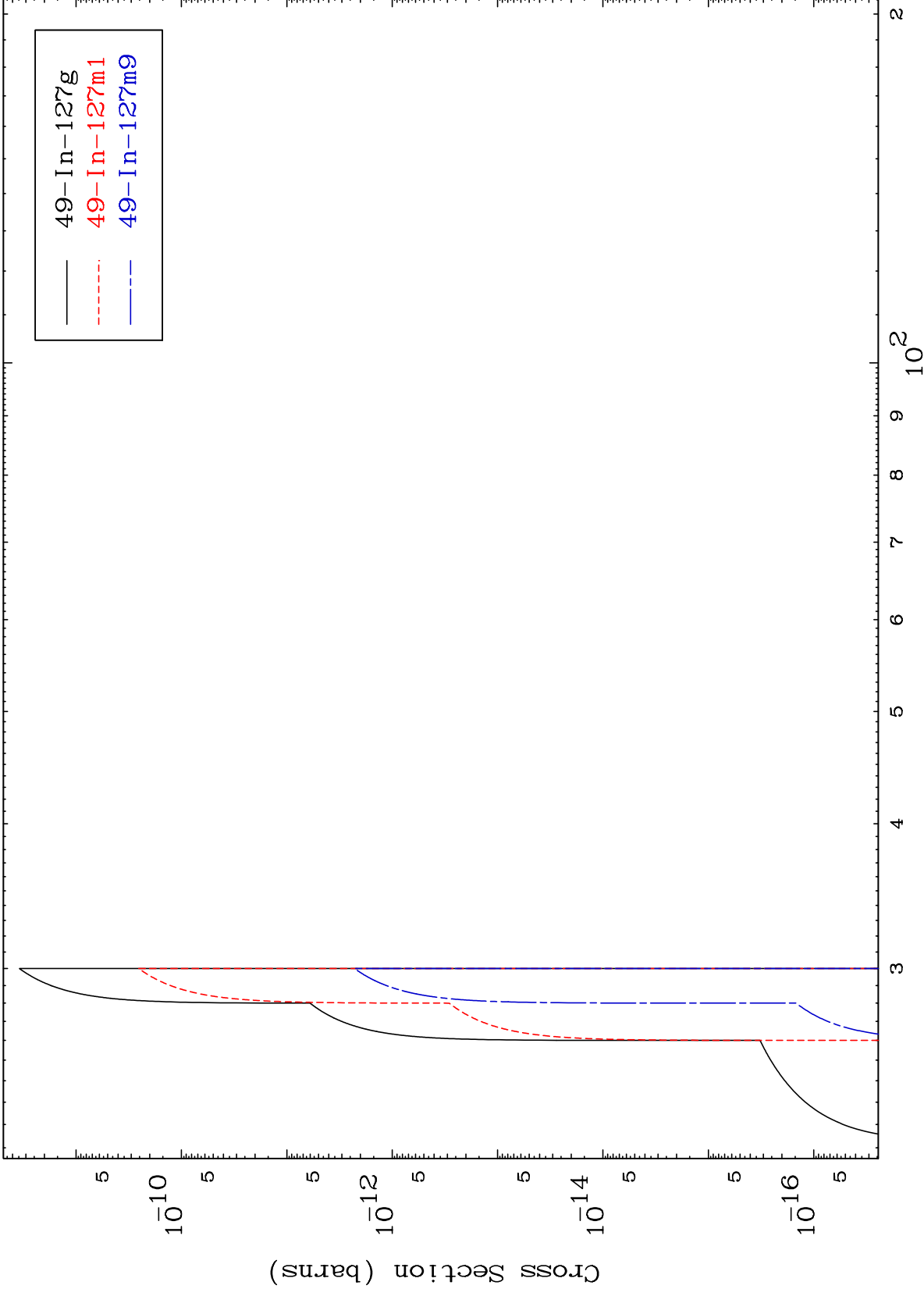
Incident Energy (MeV)

49-In-127

Radionuclide Production Cross Section



Radionuclide Production Cross Section

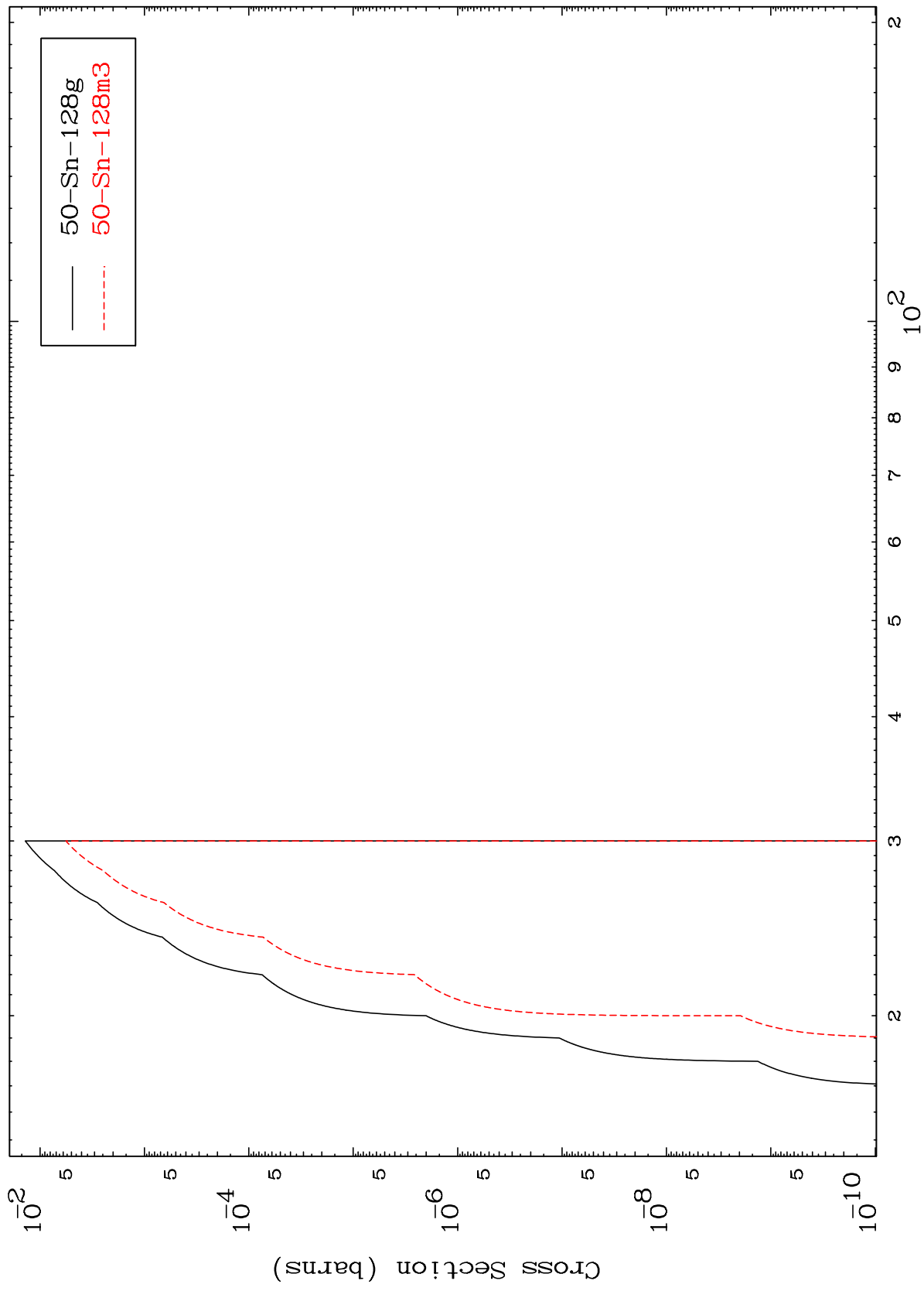


MAT 4967

$(\alpha, 2n)$ p

49-In-127

Radionuclide Production Cross Section



23

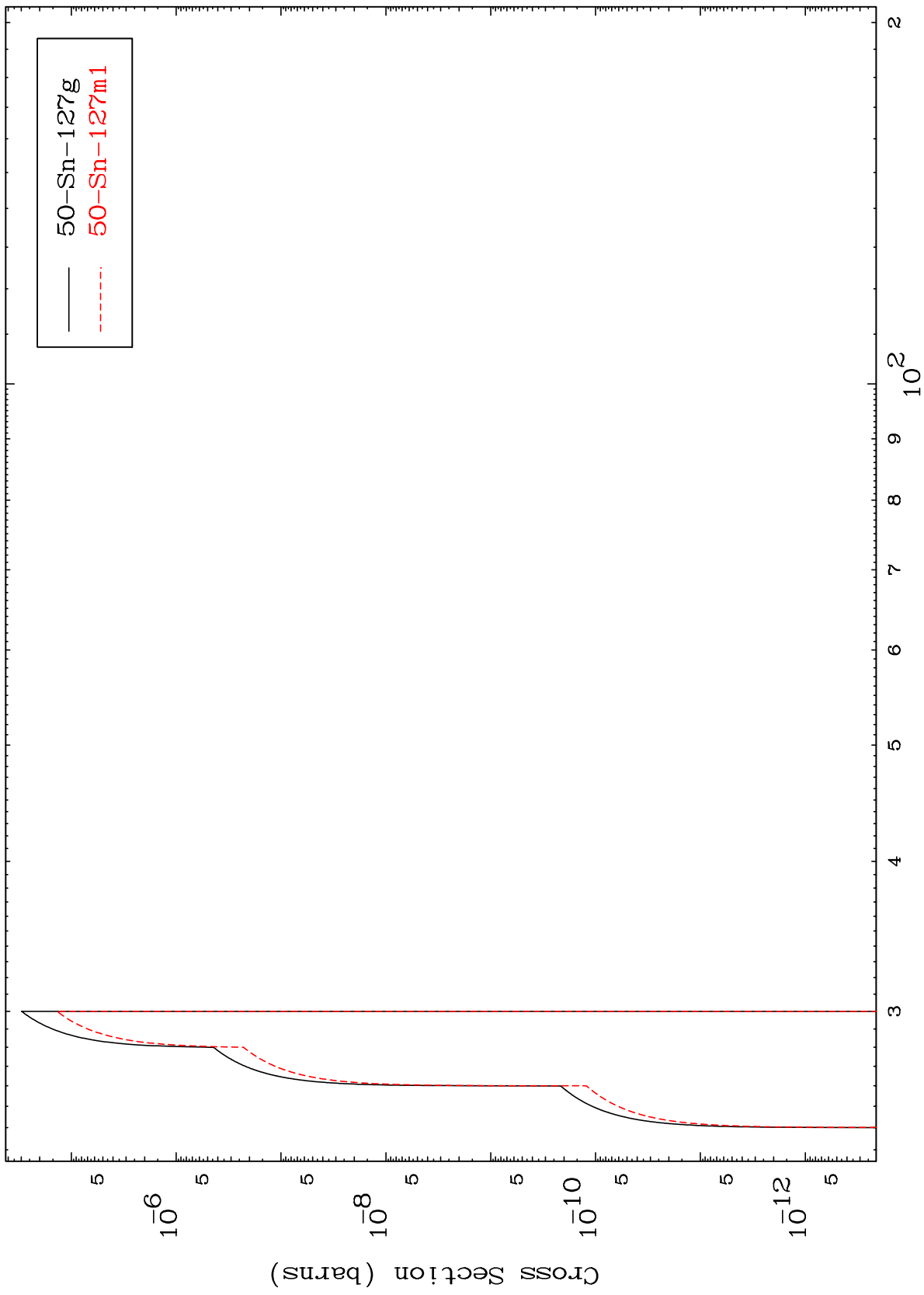
Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127

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



24

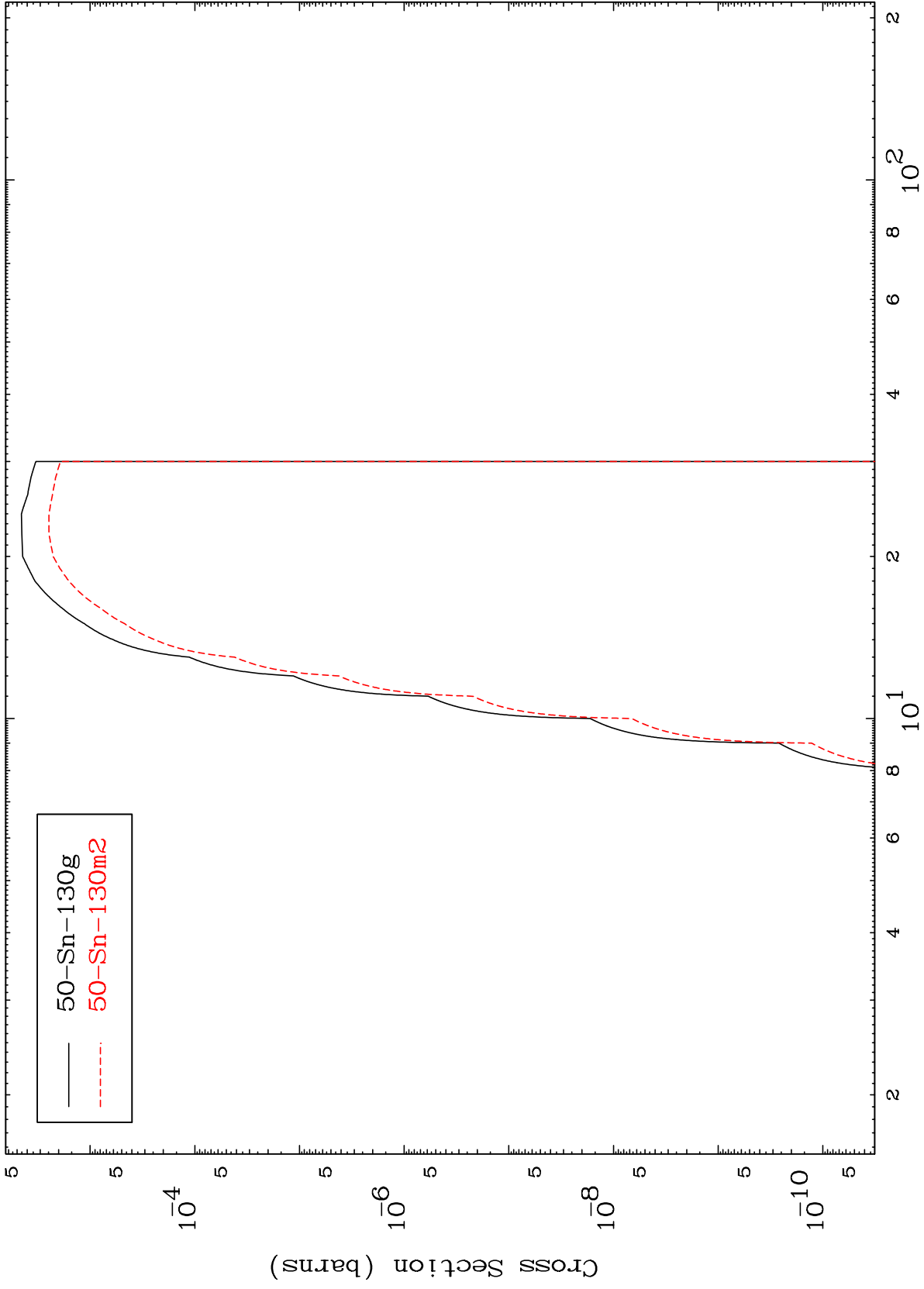
Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127

(α, p)
Radionuclide Production Cross Section



25

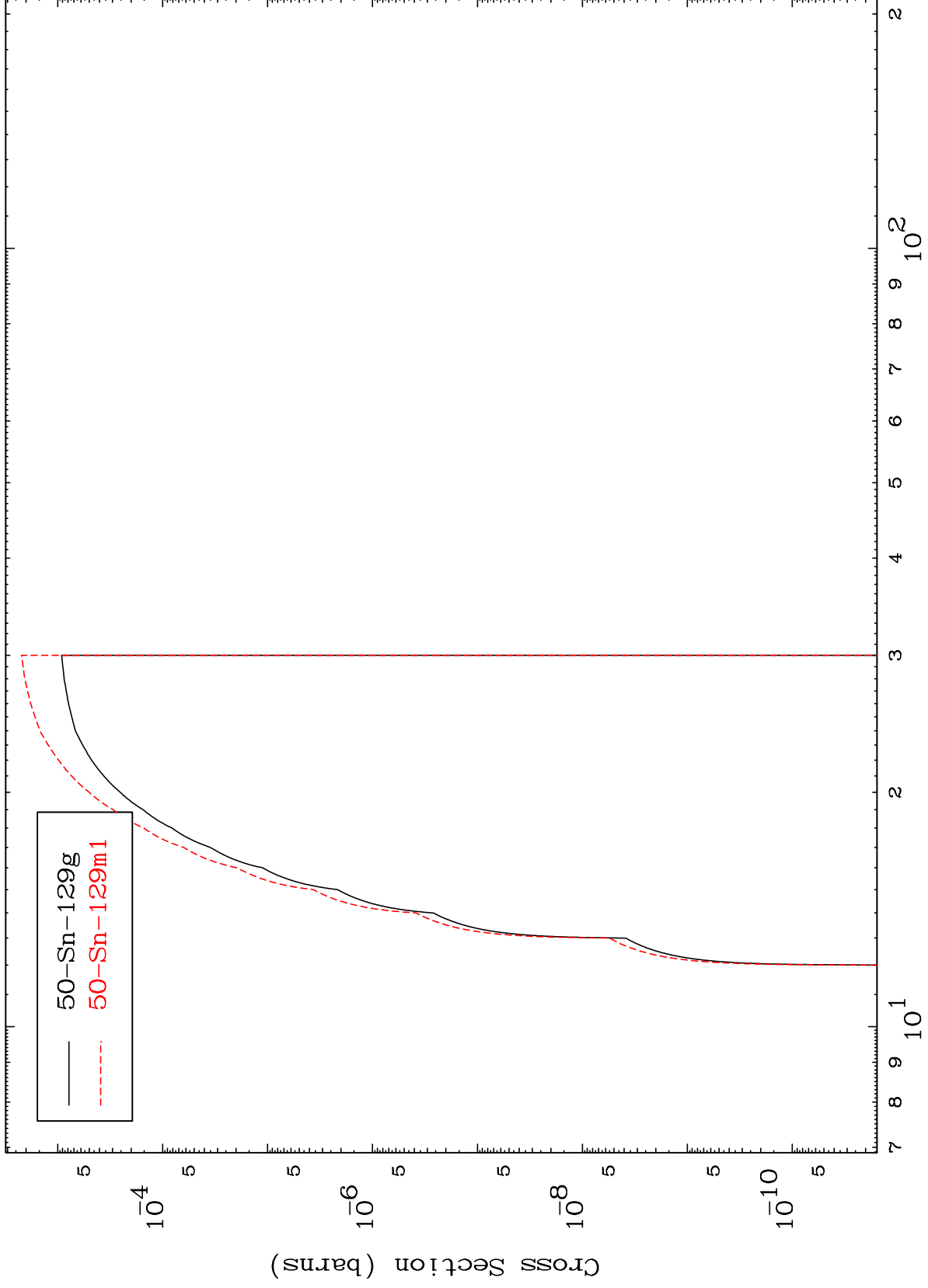
49-In-127

Incident Energy (MeV)

MAT 4967

49-In-127

(α, d)
Radionuclide Production Cross Section



26

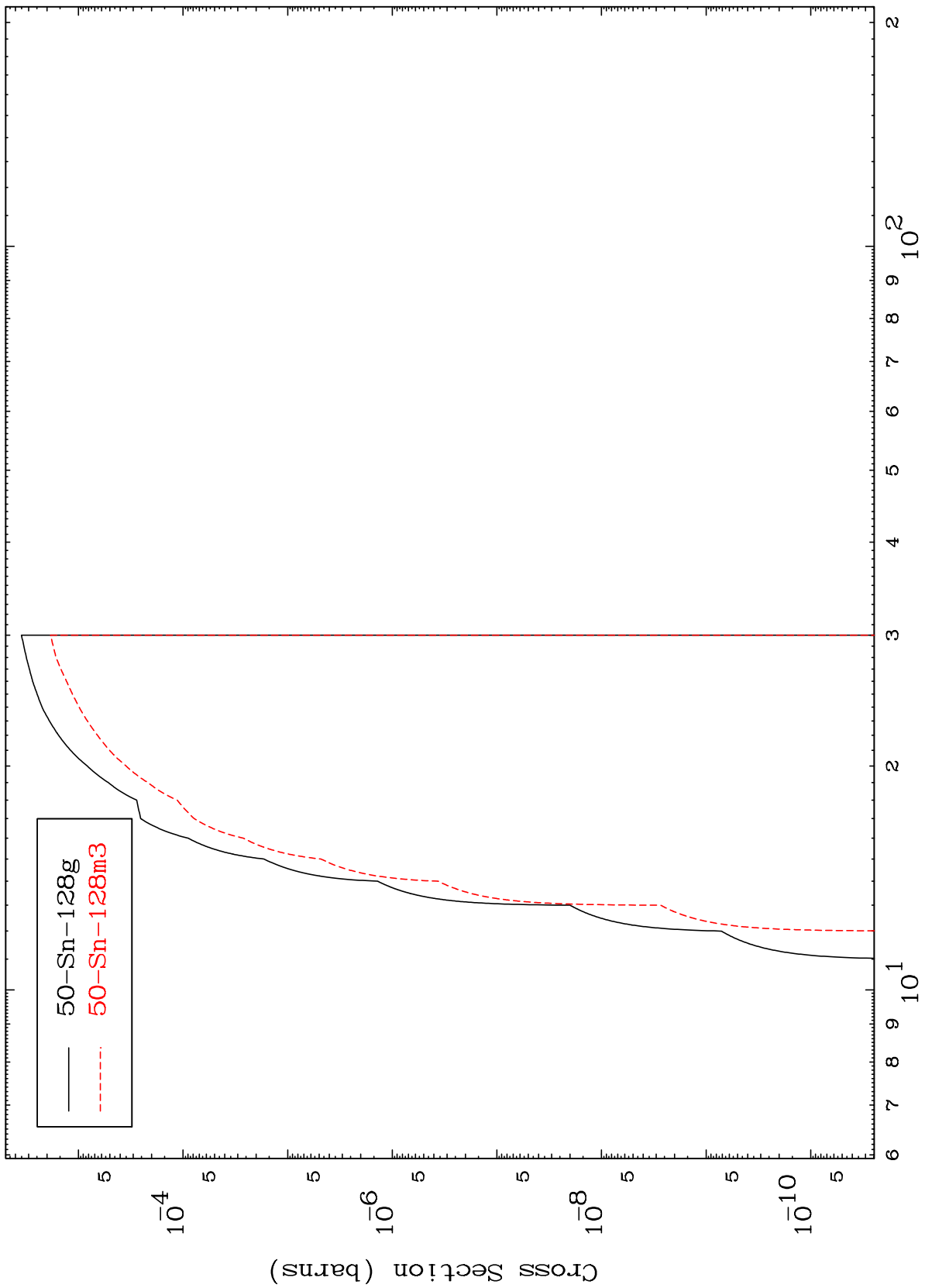
Incident Energy (MeV)

49-In-127

MAT 4967

49-In-127

(α, t)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

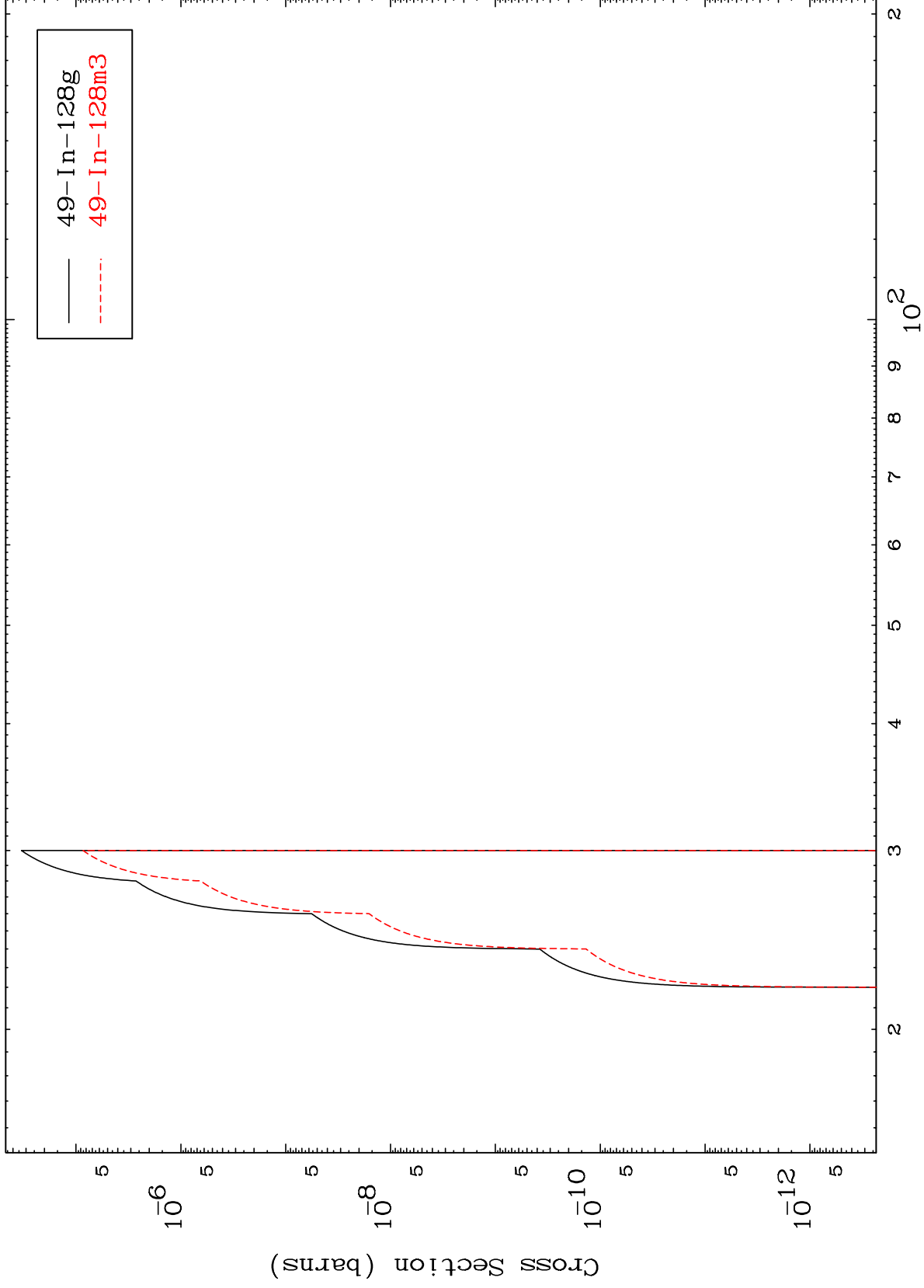
49-In-127

MAT 4967

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

49-In-127

Radionuclide Production Cross Section



28

Incident Energy (MeV)

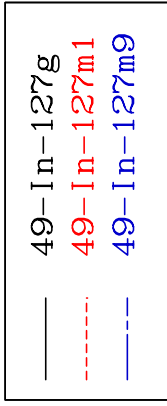
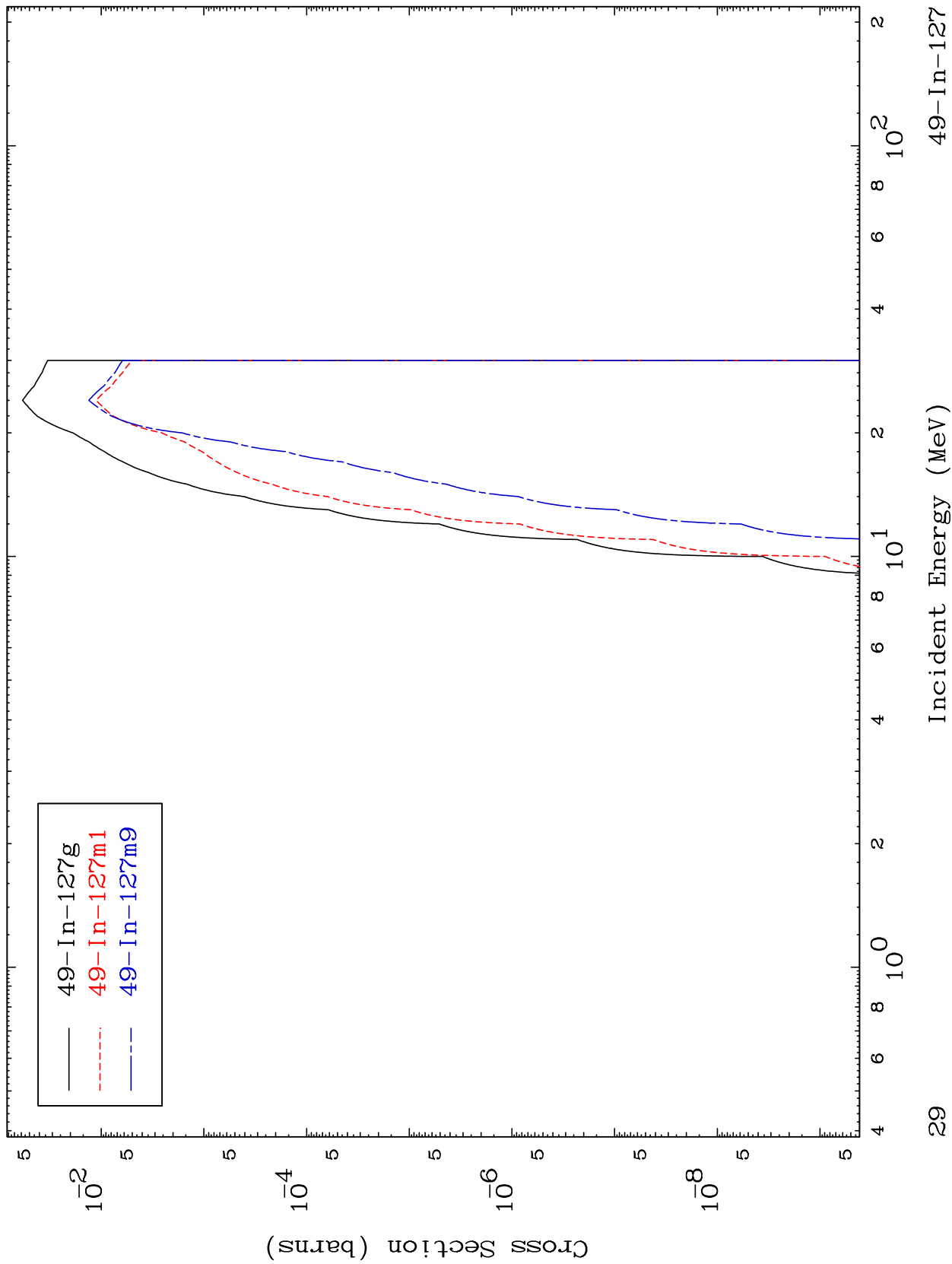
49-In-127

MAT 4967

(α, α)

49-In-127

Radionuclide Production Cross Section



29

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

