

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

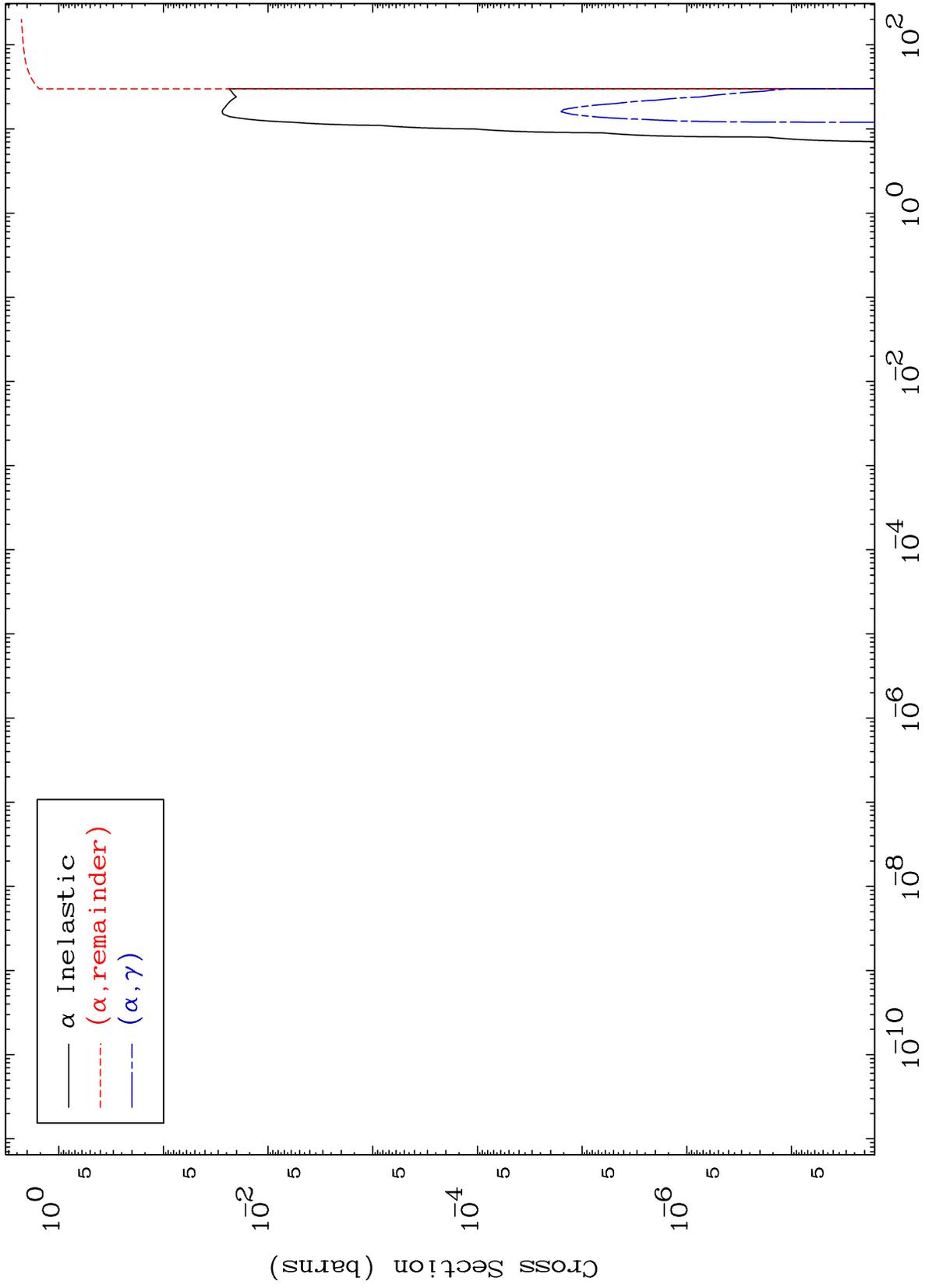
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5070

0 Kelvin α Major

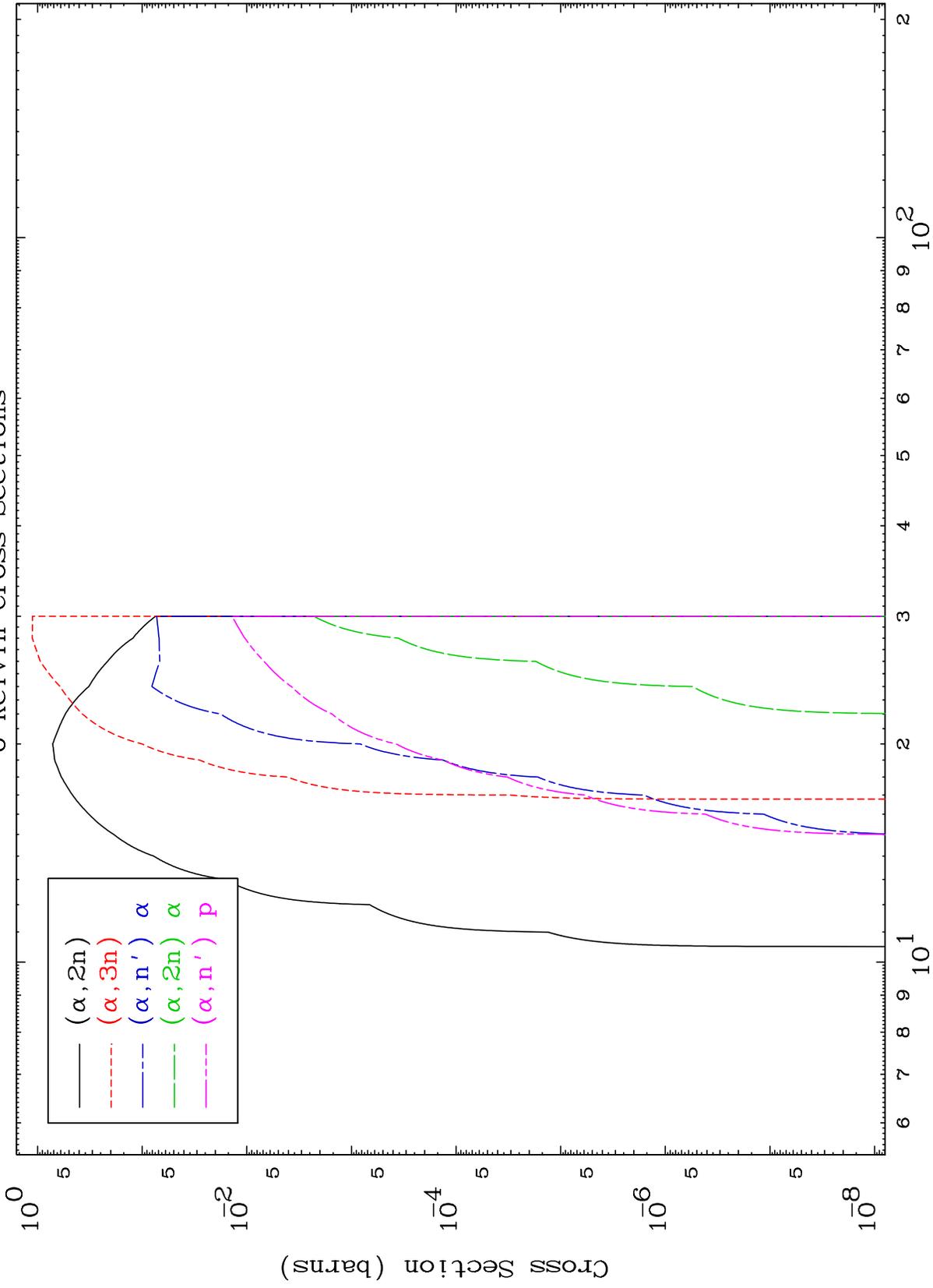
50-Sn-127



MAT 5070

α Neutron Production
0 Kelvin Cross Sections

50-Sn-127



2

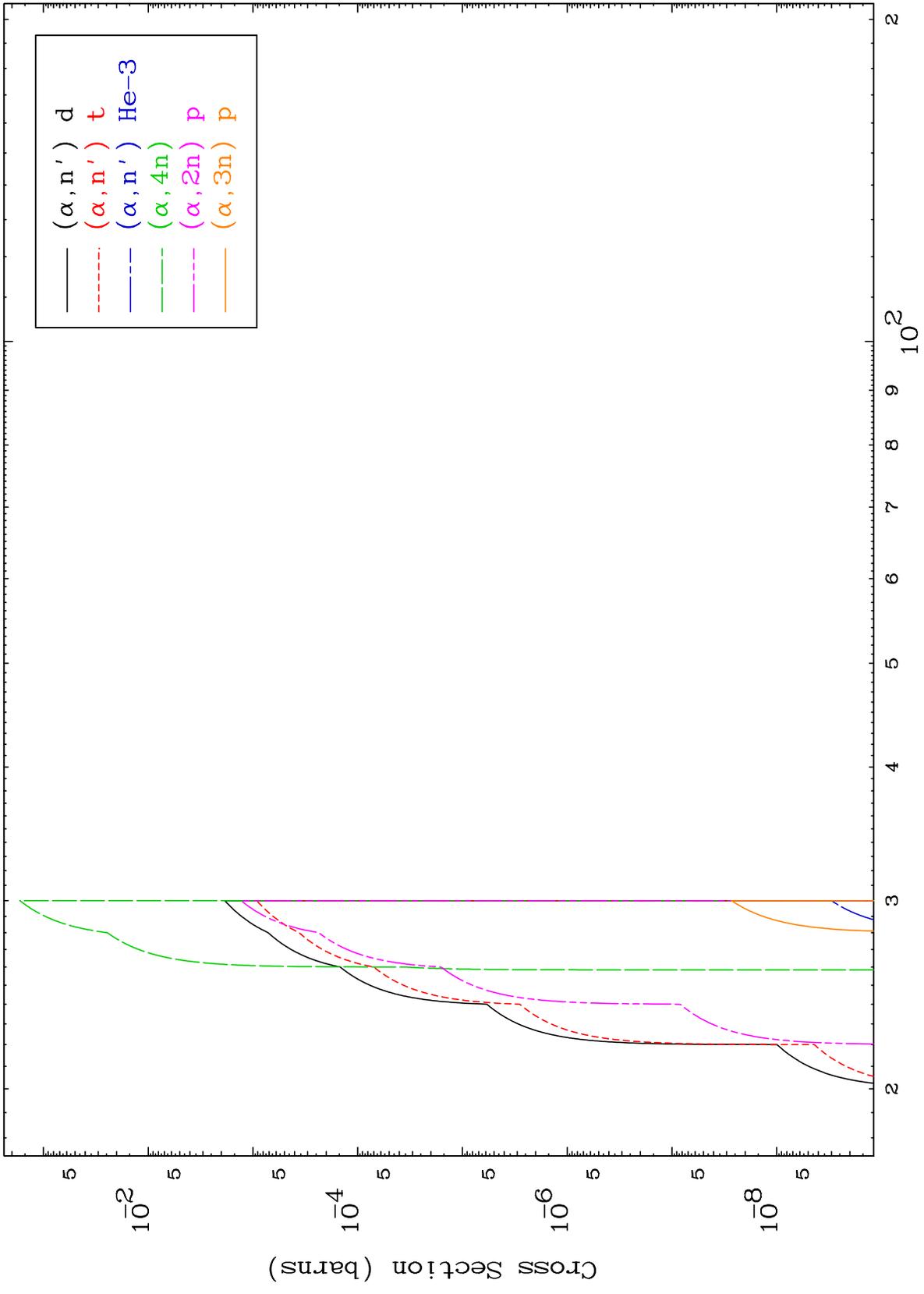
Incident Energy (MeV)

50-Sn-127

MAT 5070

α Neutron Production
0 Kelvin Cross Sections

50-Sn-127



3

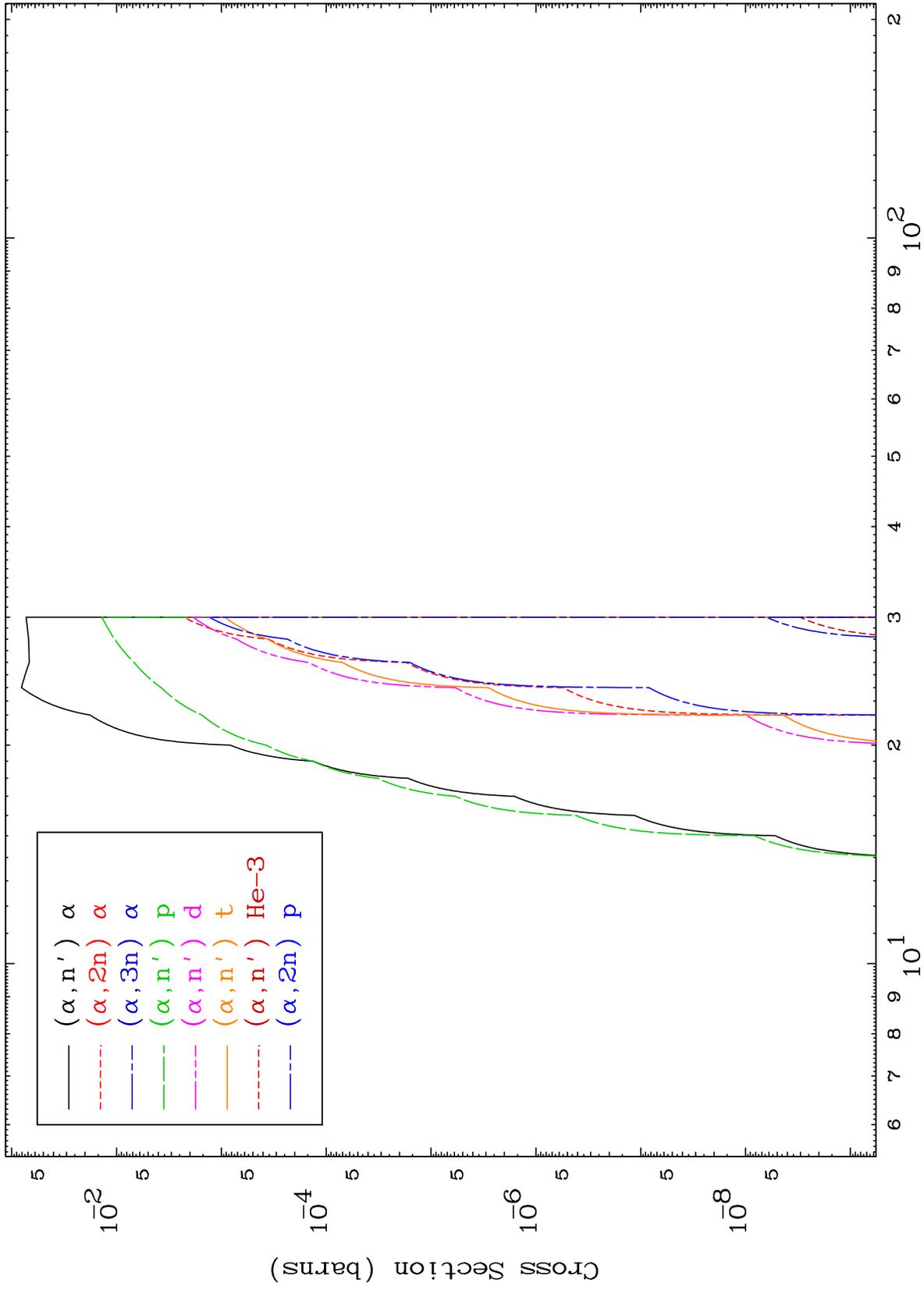
Incident Energy (MeV)

50-Sn-127

MAT 5070

α Charged Particle
0 Kelvin Cross Sections

50-Sn-127



4

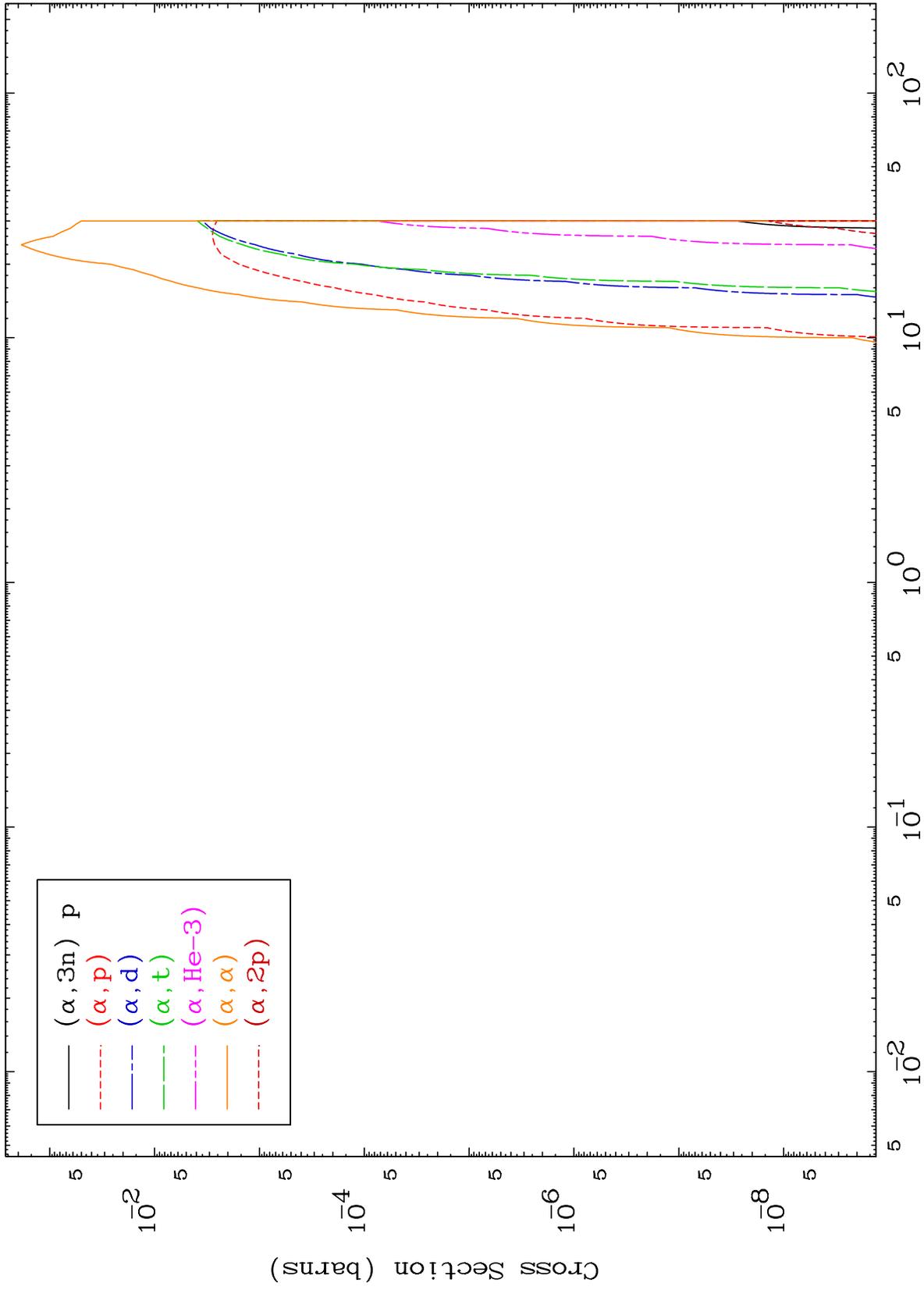
Incident Energy (MeV)

50-Sn-127

MAT 5070

α Charged Particle
0 Kelvin Cross Sections

50-Sn-127



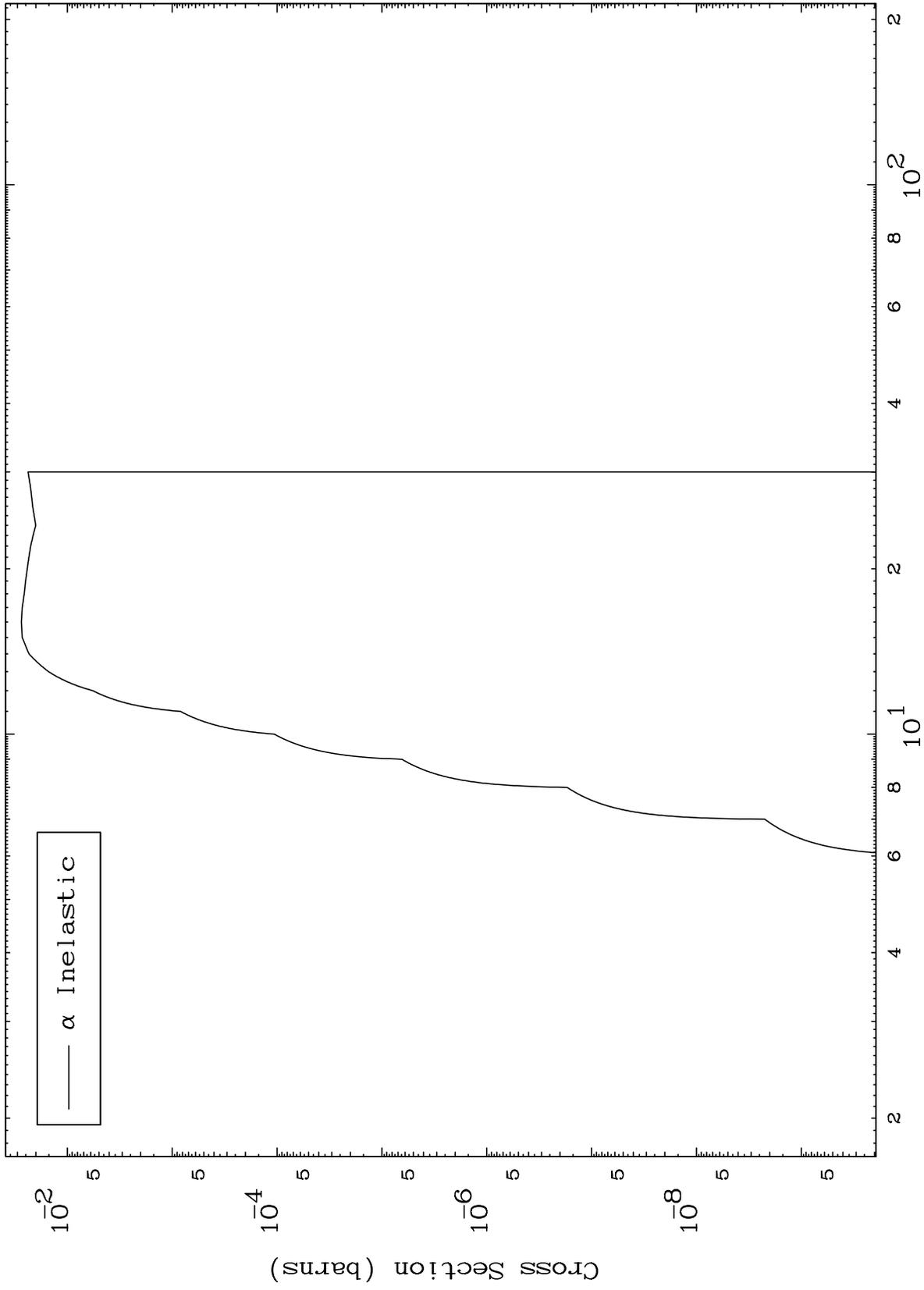
5

50-Sn-127

MAT 5070

(α, n') Level
0 Kelvin Cross Sections

50-Sn-127



6

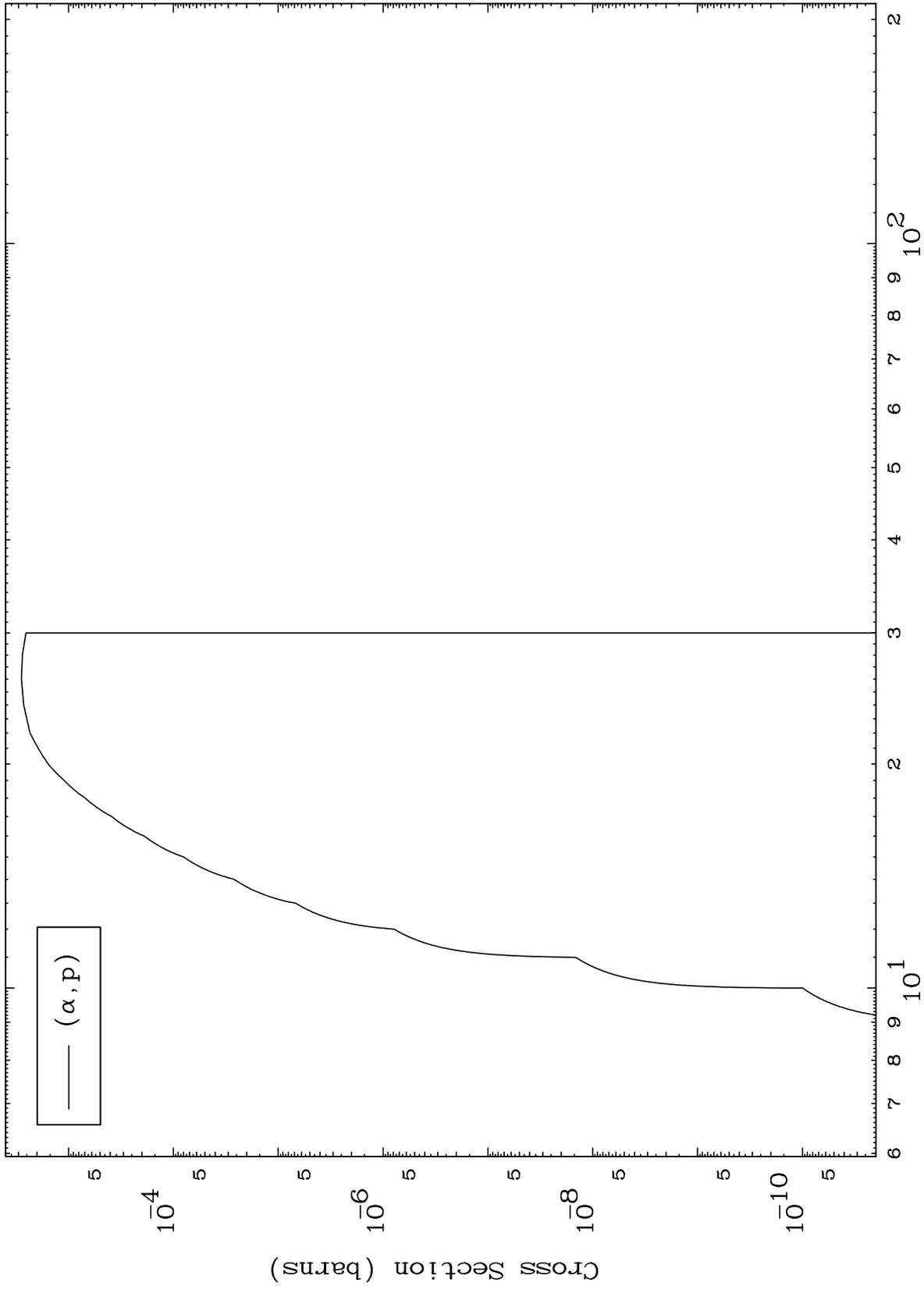
Incident Energy (MeV)

50-Sn-127

MAT 5070

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-127



7

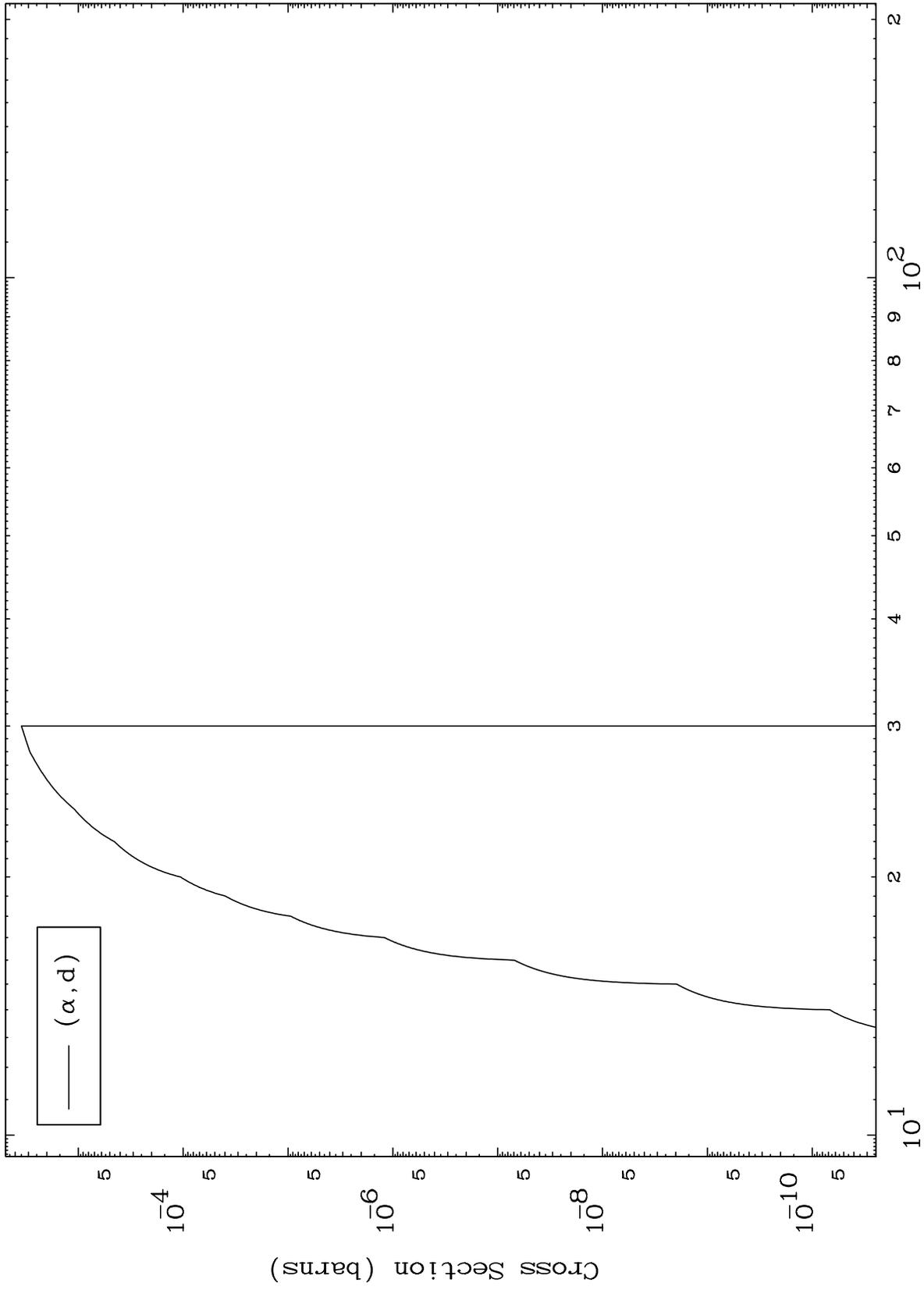
Incident Energy (MeV)

50-Sn-127

MAT 5070

(α, d) Levels
0 Kelvin Cross Sections

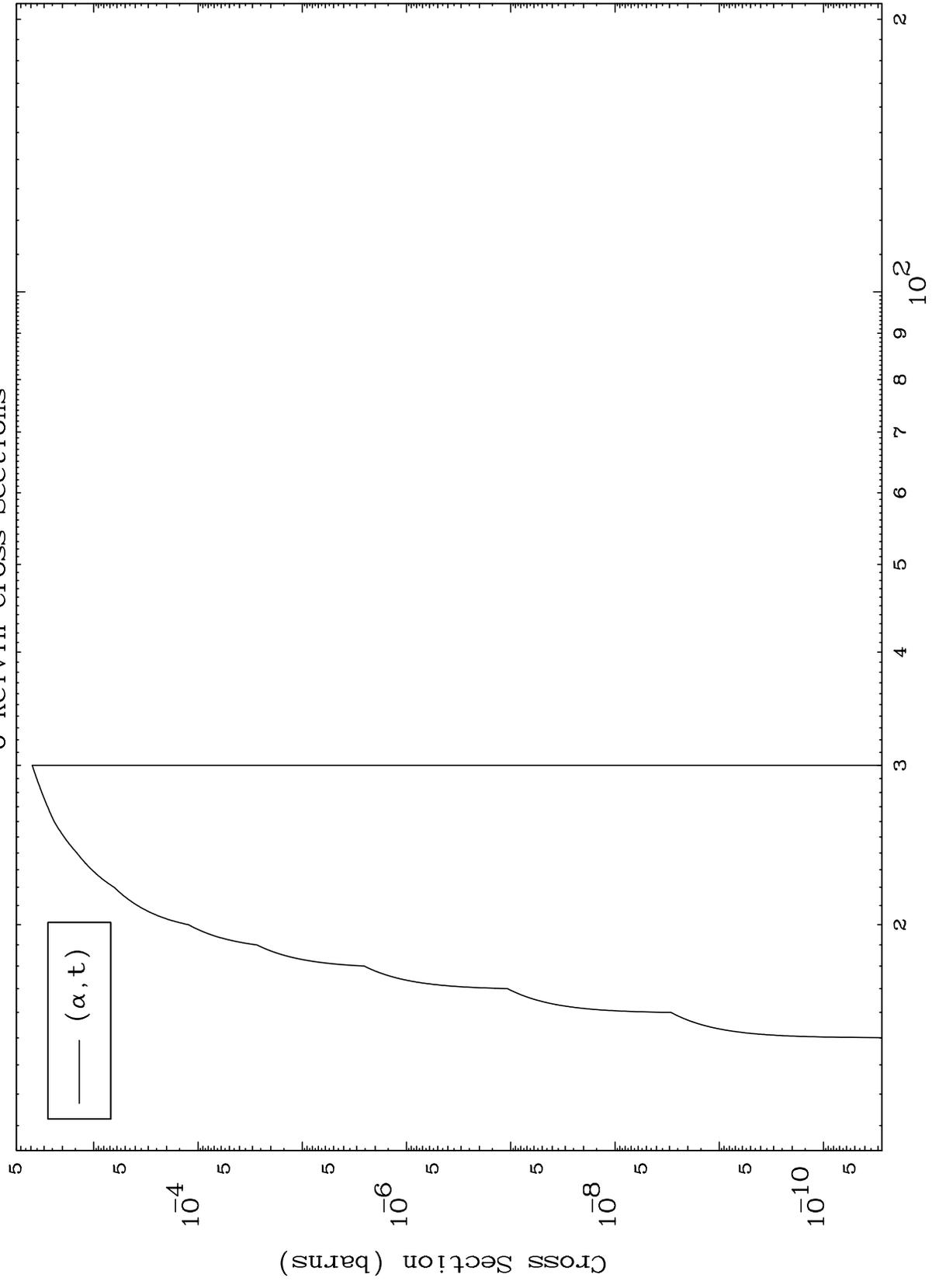
50-Sn-127



MAT 5070

(α, t) Levels
0 Kelvin Cross Sections

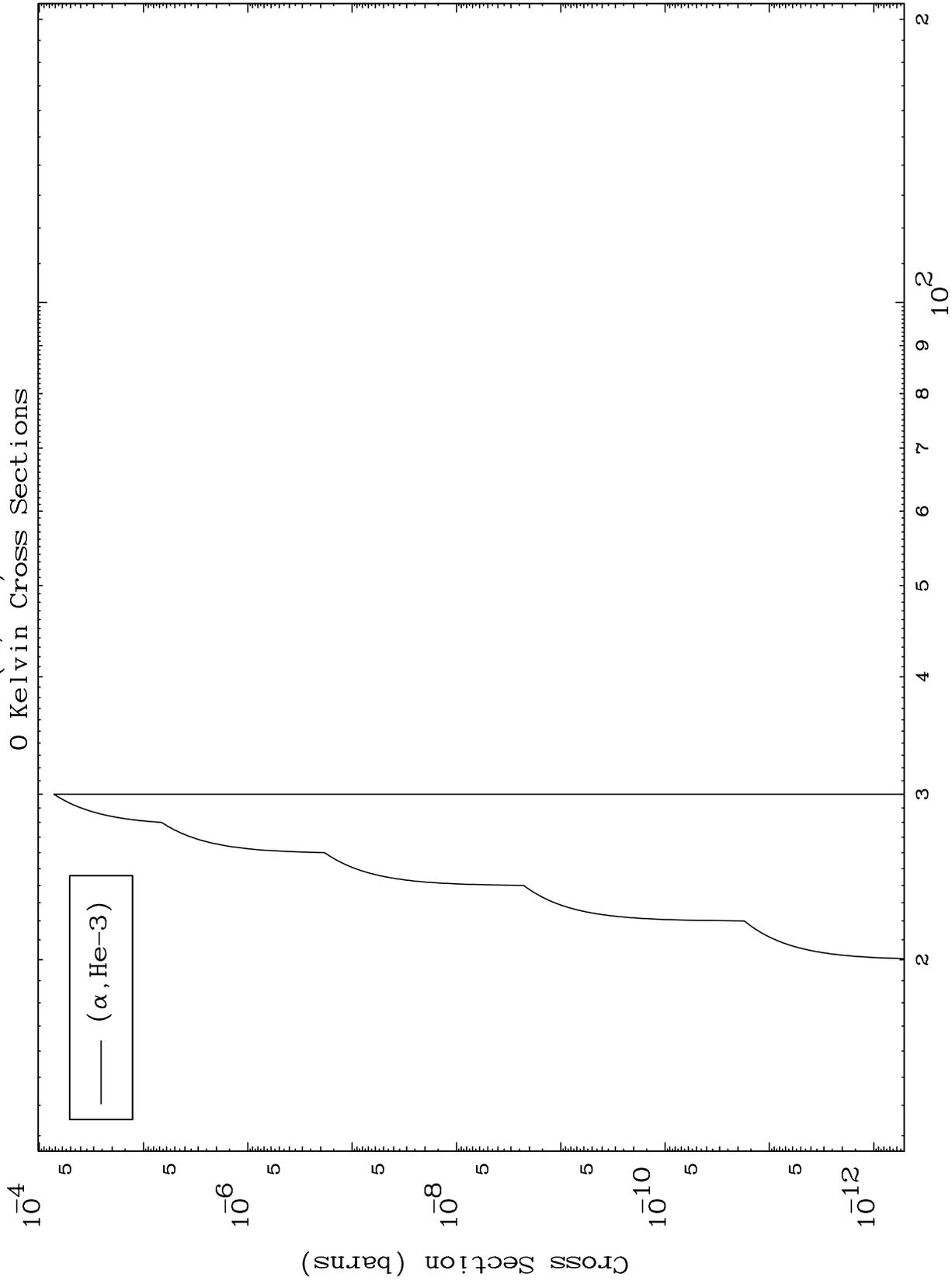
50-Sn-127



MAT 5070

(α ,He3) Levels
0 Kelvin Cross Sections

50-Sn-127



10

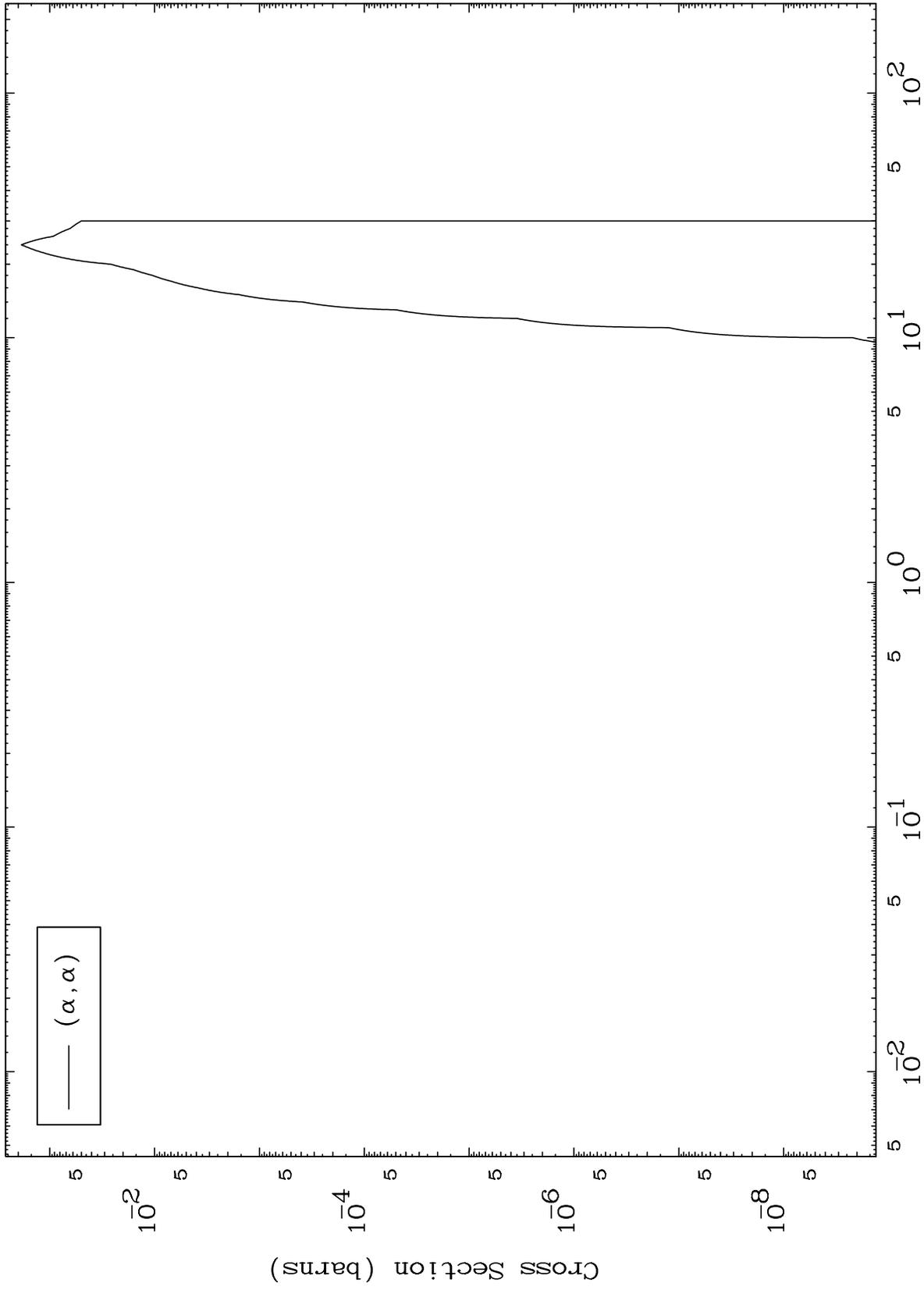
Incident Energy (MeV)

50-Sn-127

MAT 5070

(α, α) Levels
0 Kelvin Cross Sections

50-Sn-127



11

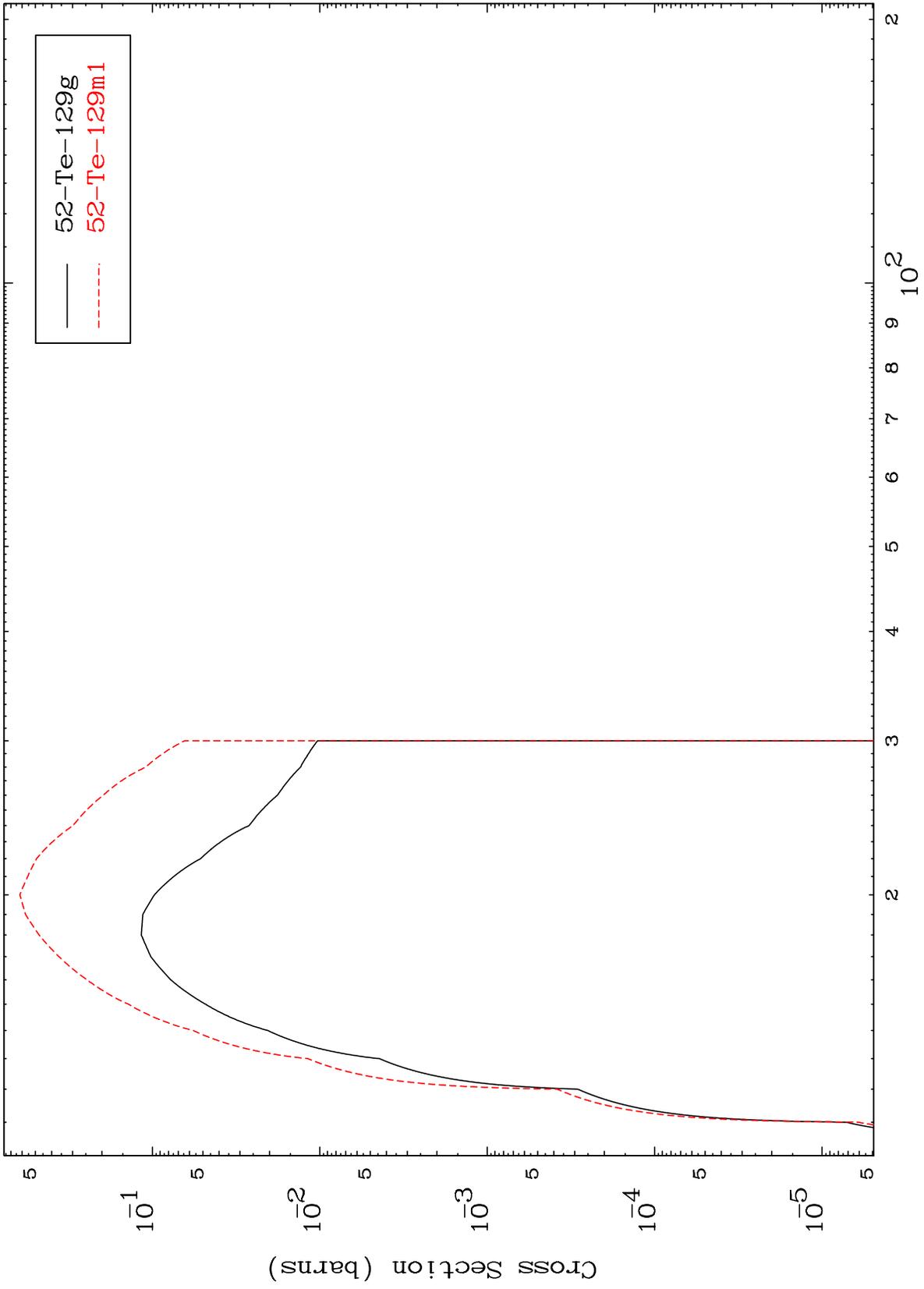
Incident Energy (MeV)

50-Sn-127

MAT 5070

50-Sn-127

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



12

Incident Energy (MeV)

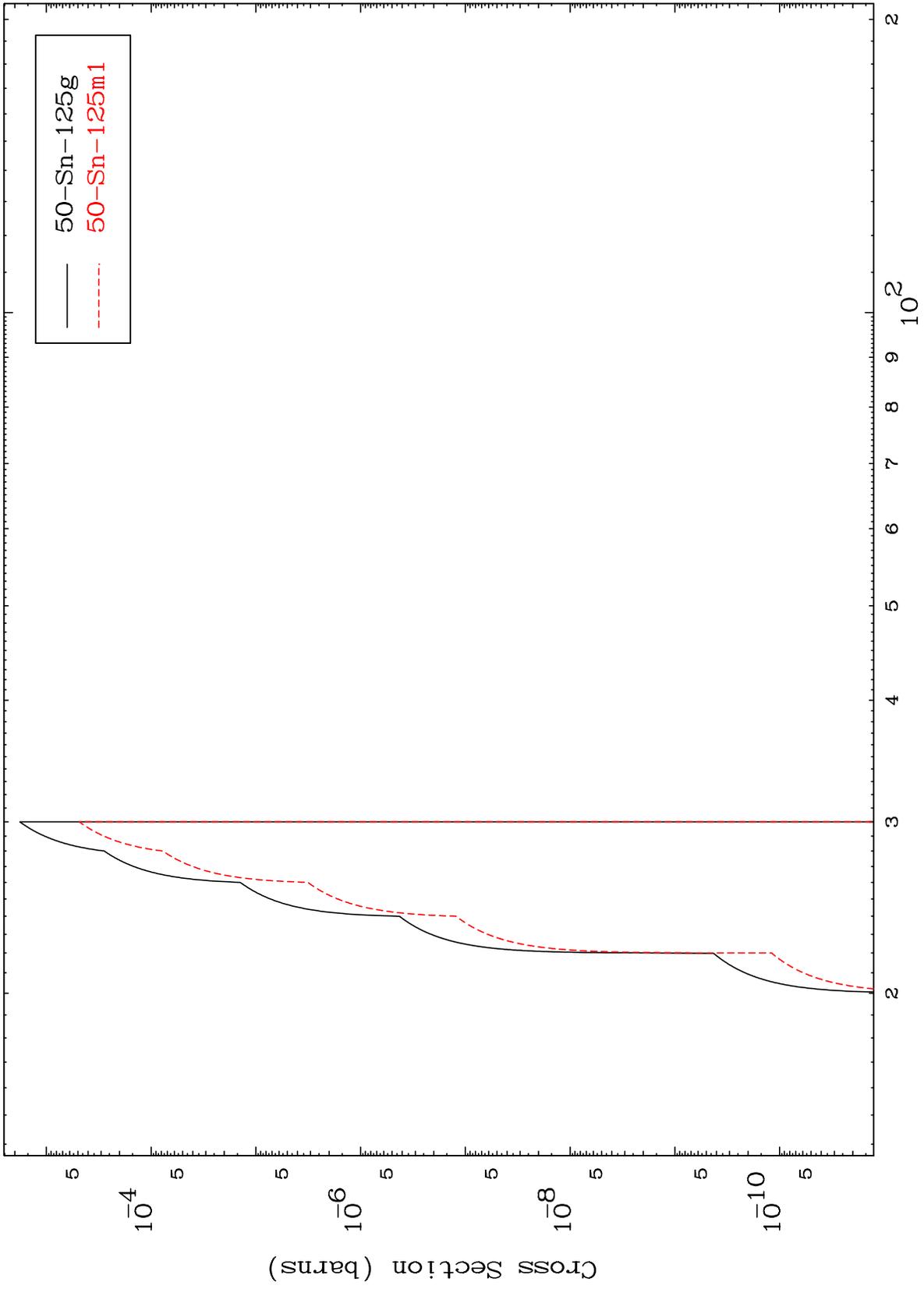
50-Sn-127

MAT 5070

$(\alpha, 2n) \alpha$

50-Sn-127

Radionuclide Production Cross Section



13

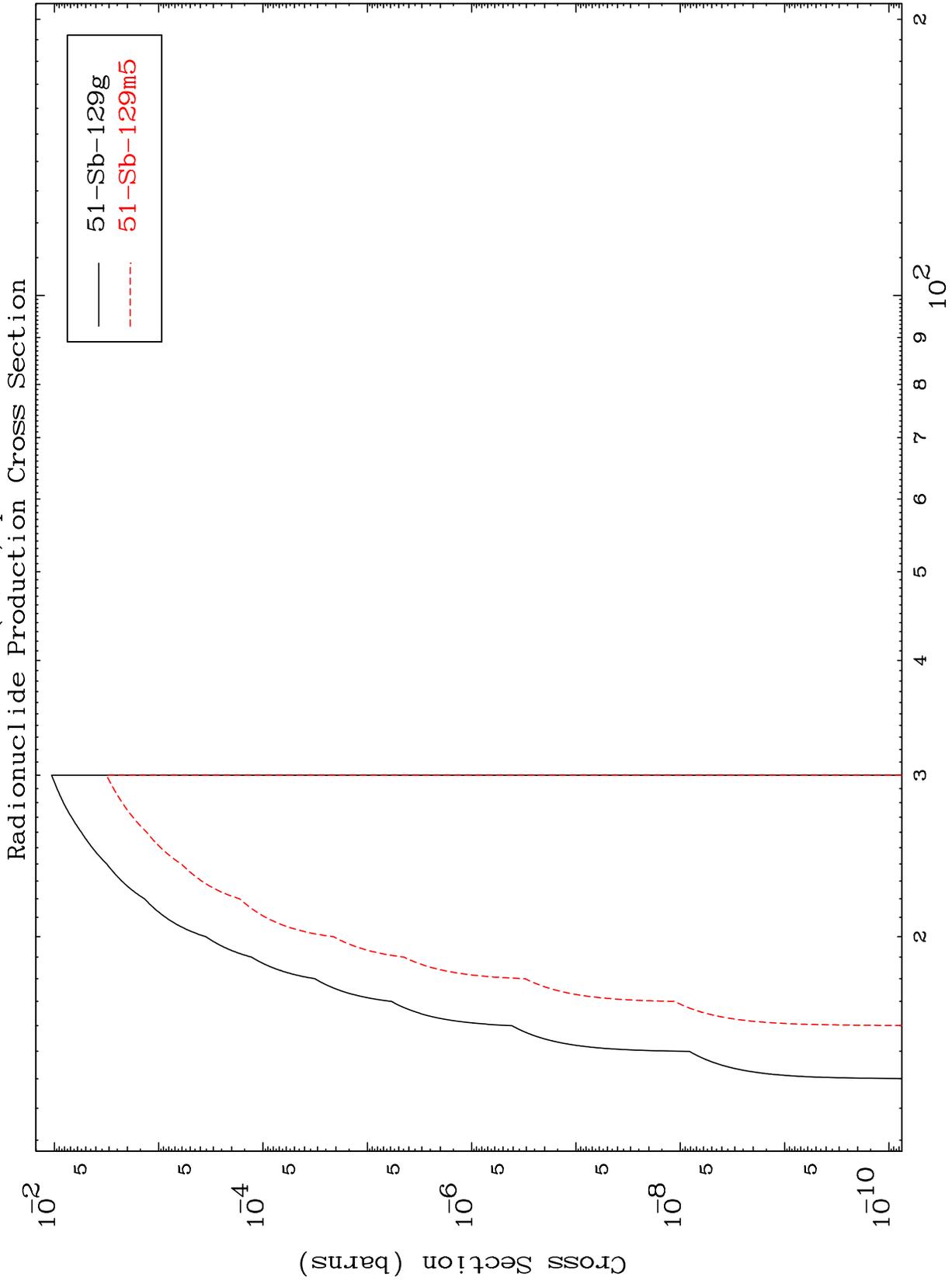
Incident Energy (MeV)

50-Sn-127

MAT 5070

(α, n') p

50-Sn-127



14

Incident Energy (MeV)

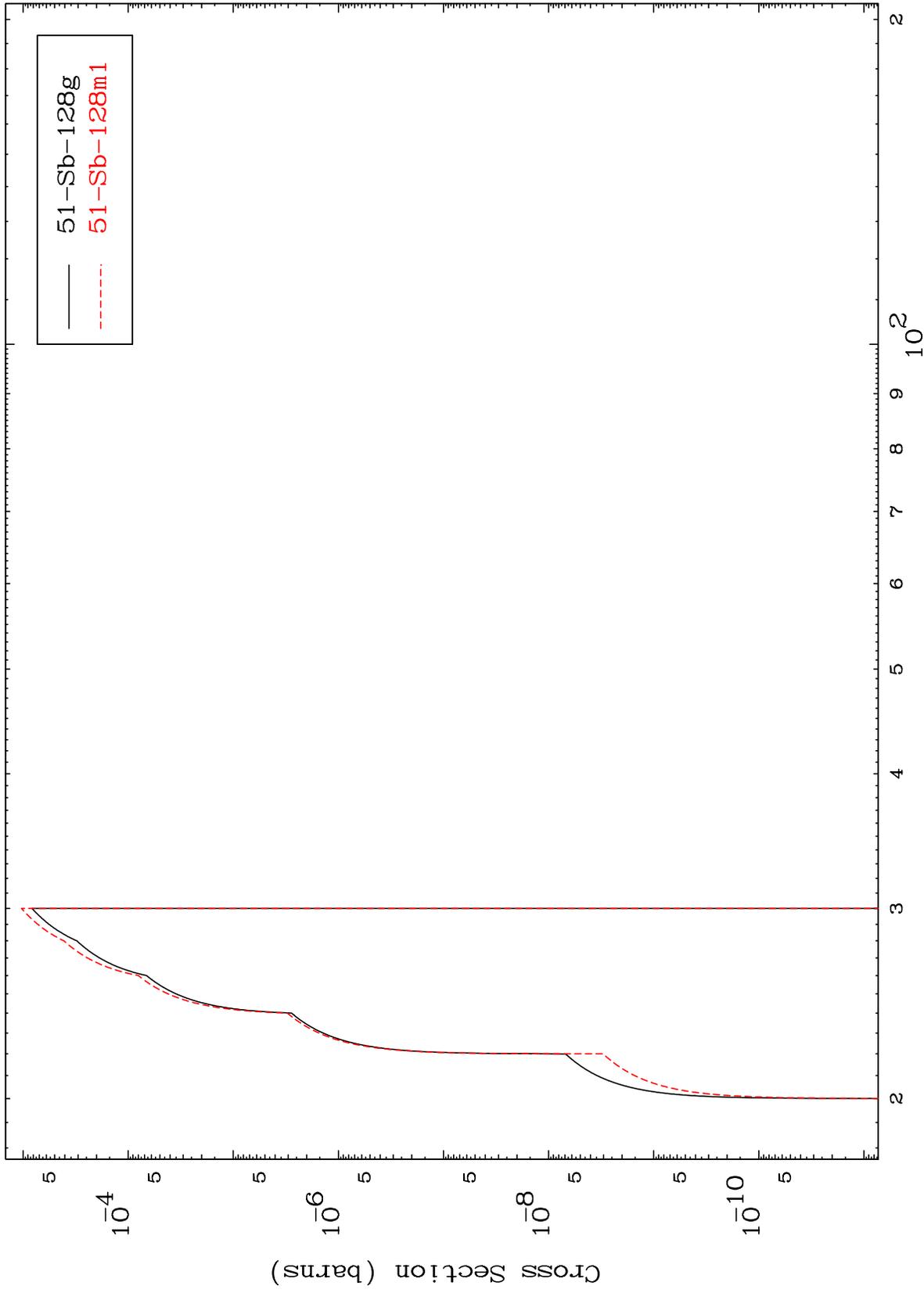
50-Sn-127

MAT 5070

(α, n') d

50-Sn-127

Radionuclide Production Cross Section



15

Incident Energy (MeV)

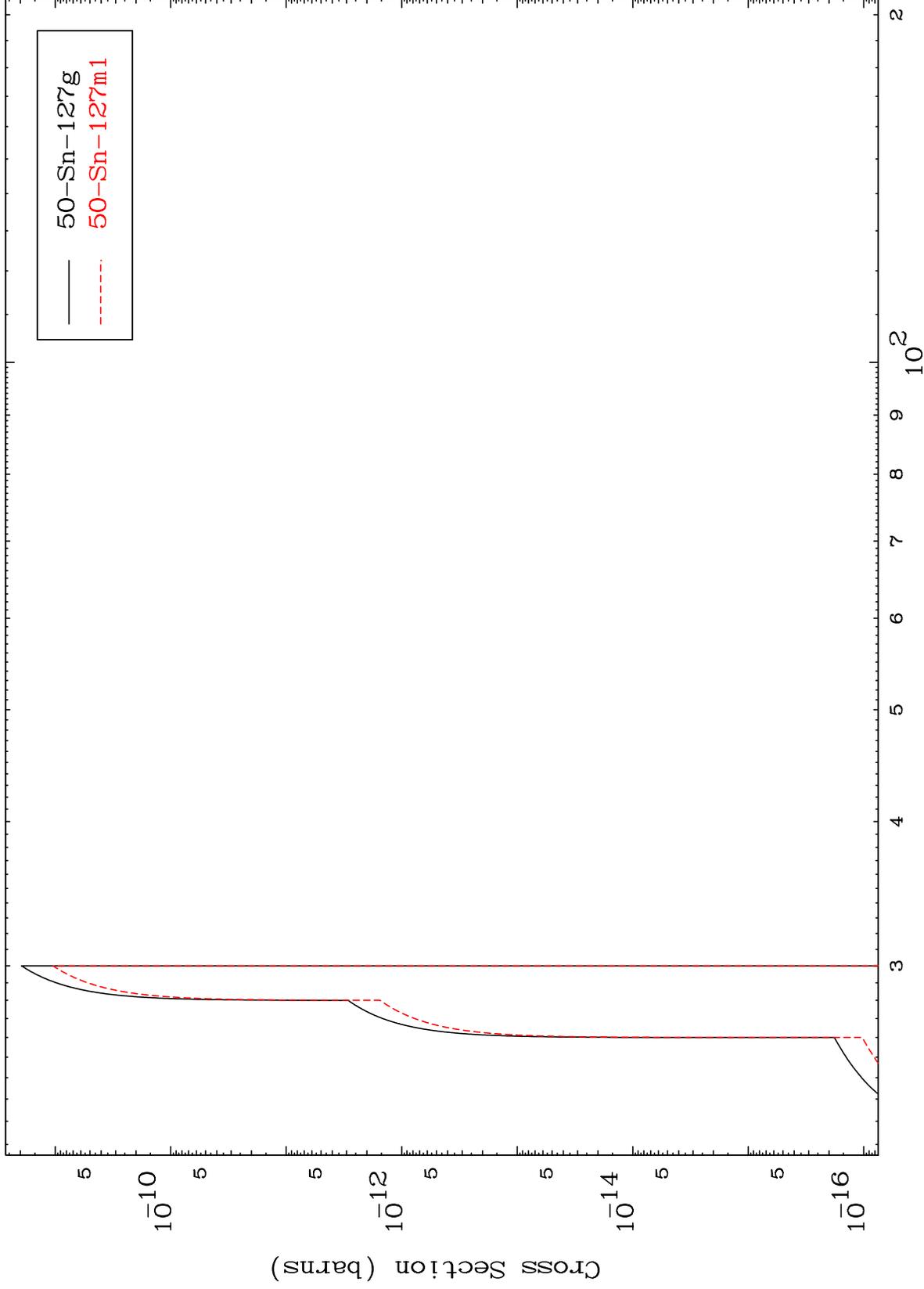
50-Sn-127

MAT 5070

(α, n') He-3

50-Sn-127

Radionuclide Production Cross Section



16

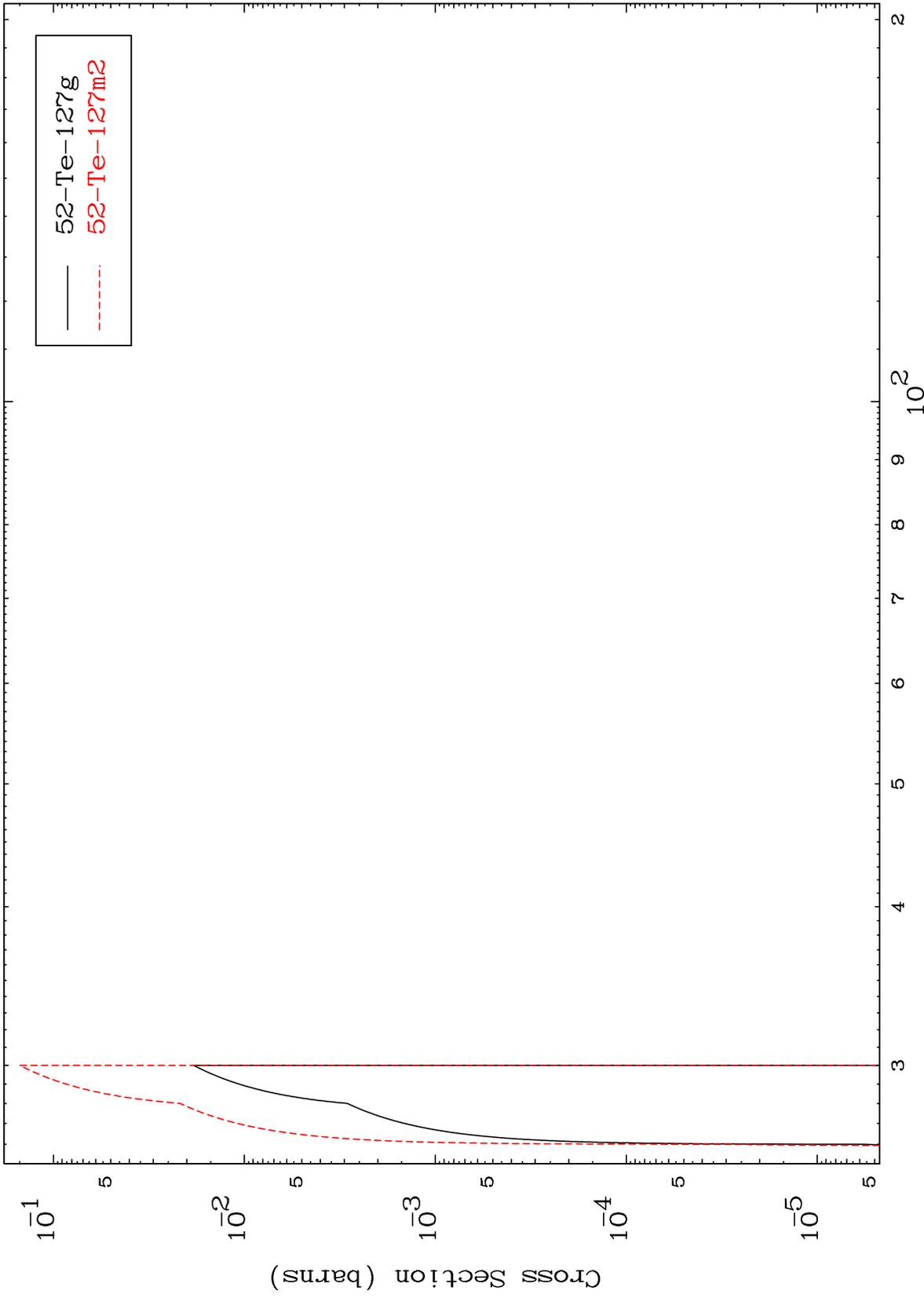
Incident Energy (MeV)

50-Sn-127

MAT 5070

50-Sn-127

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



17

Incident Energy (MeV)

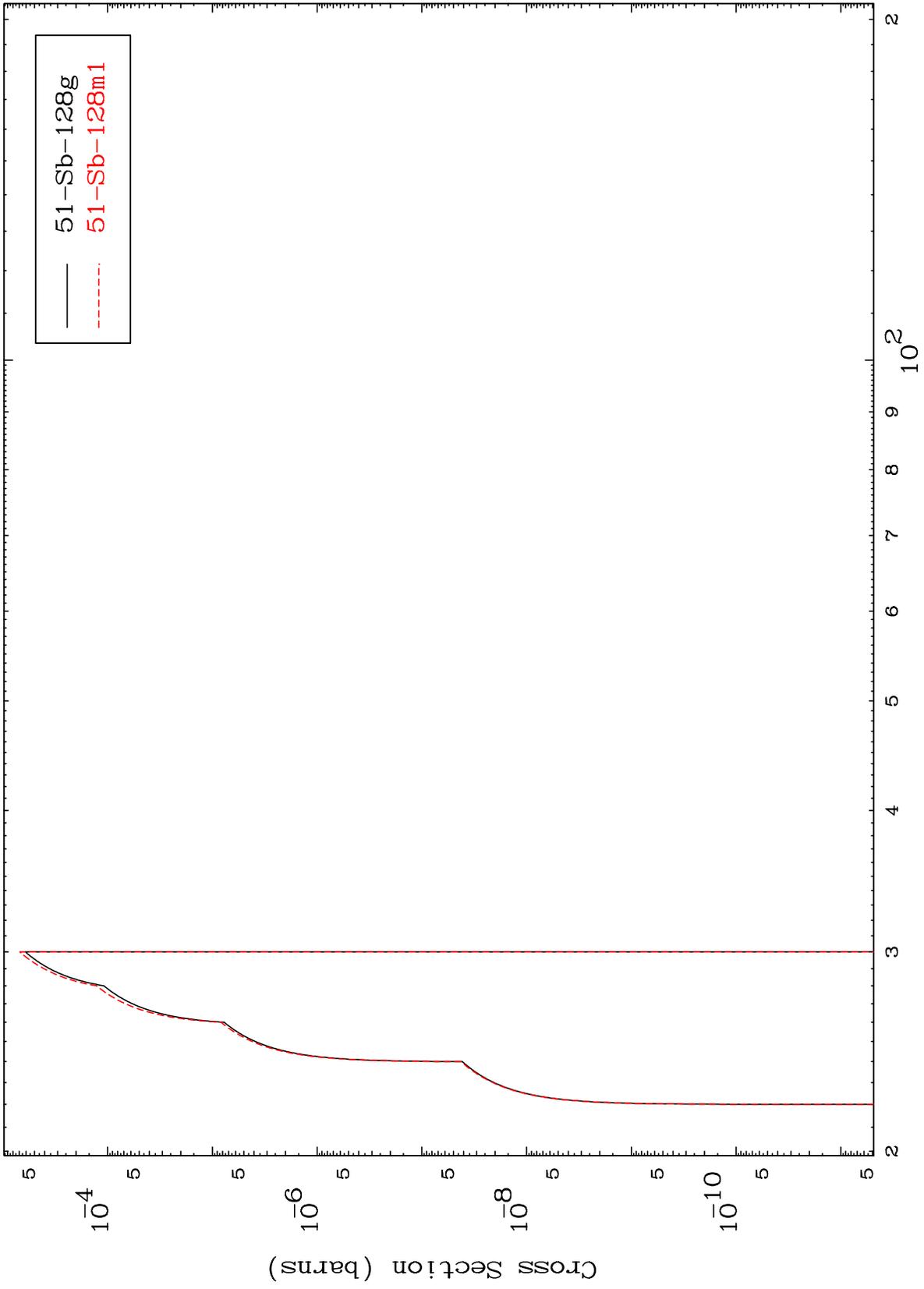
50-Sn-127

MAT 5070

($\alpha, 2n$) p

50-Sn-127

Radionuclide Production Cross Section



18

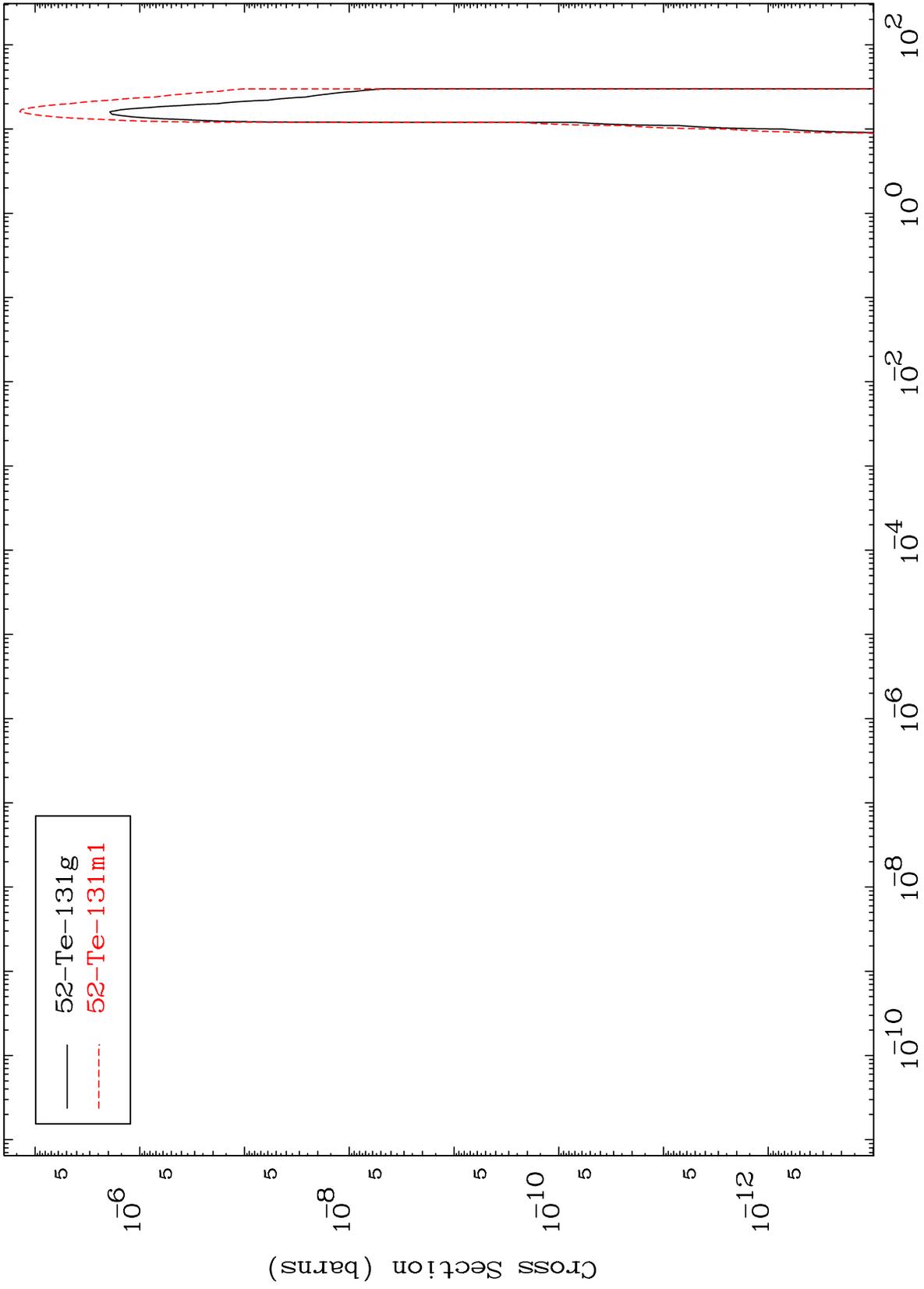
Incident Energy (MeV)

50-Sn-127

MAT 5070

(α, γ)
Radionuclide Production Cross Section

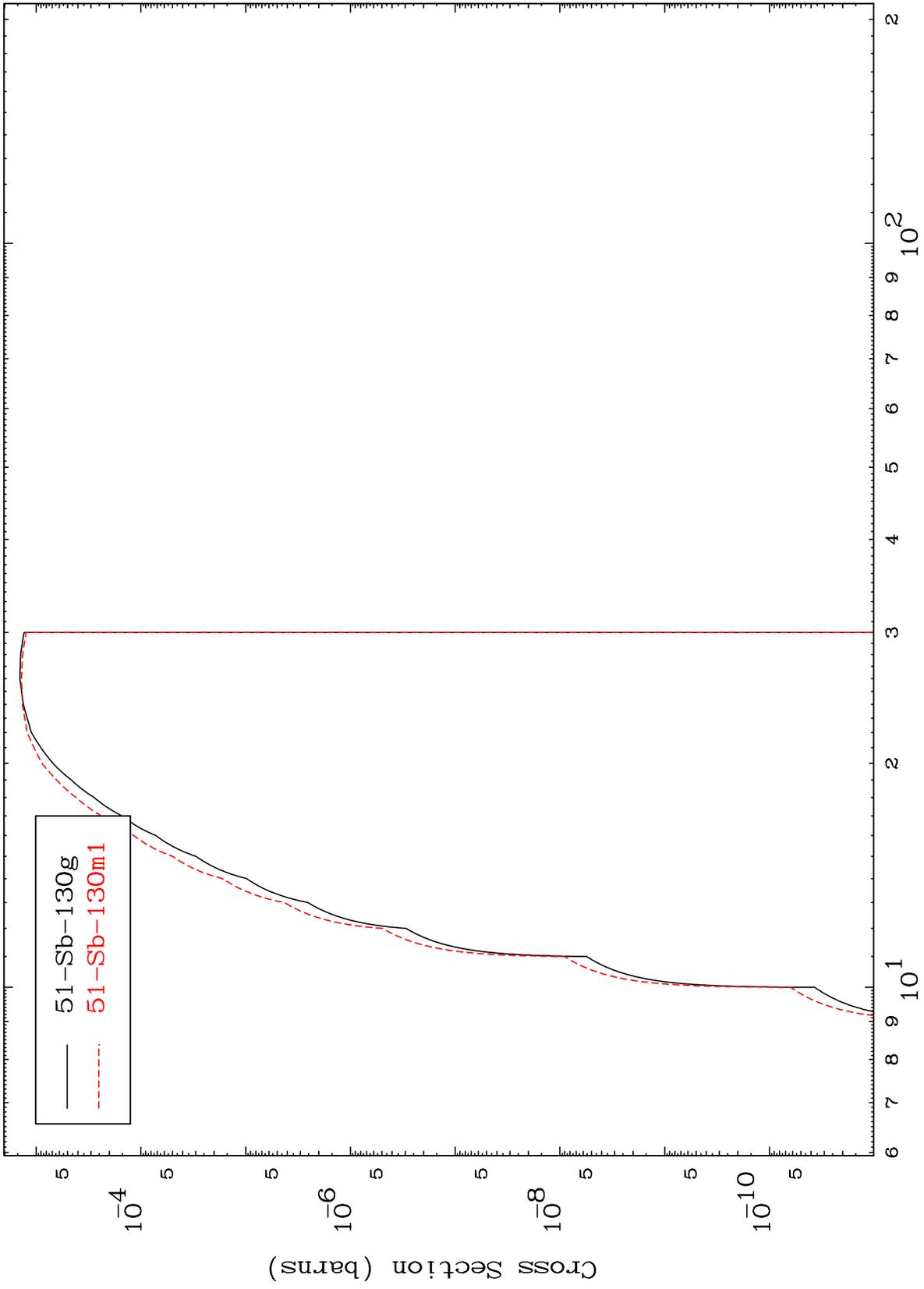
50-Sn-127



MAT 5070

50-Sn-127

(α, p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

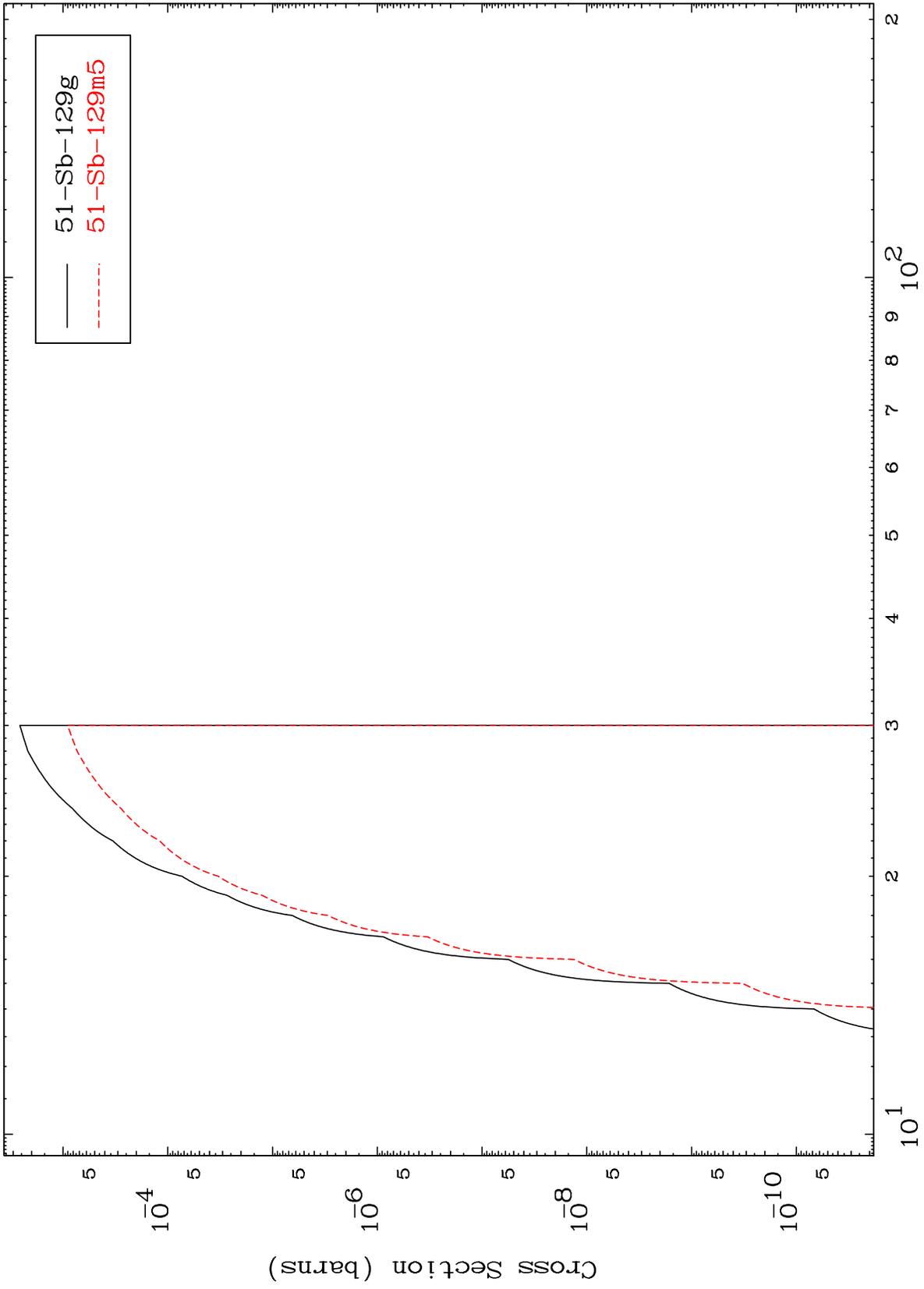
50-Sn-127

MAT 5070

(α, d)

50-Sn-127

Radionuclide Production Cross Section



21

Incident Energy (MeV)

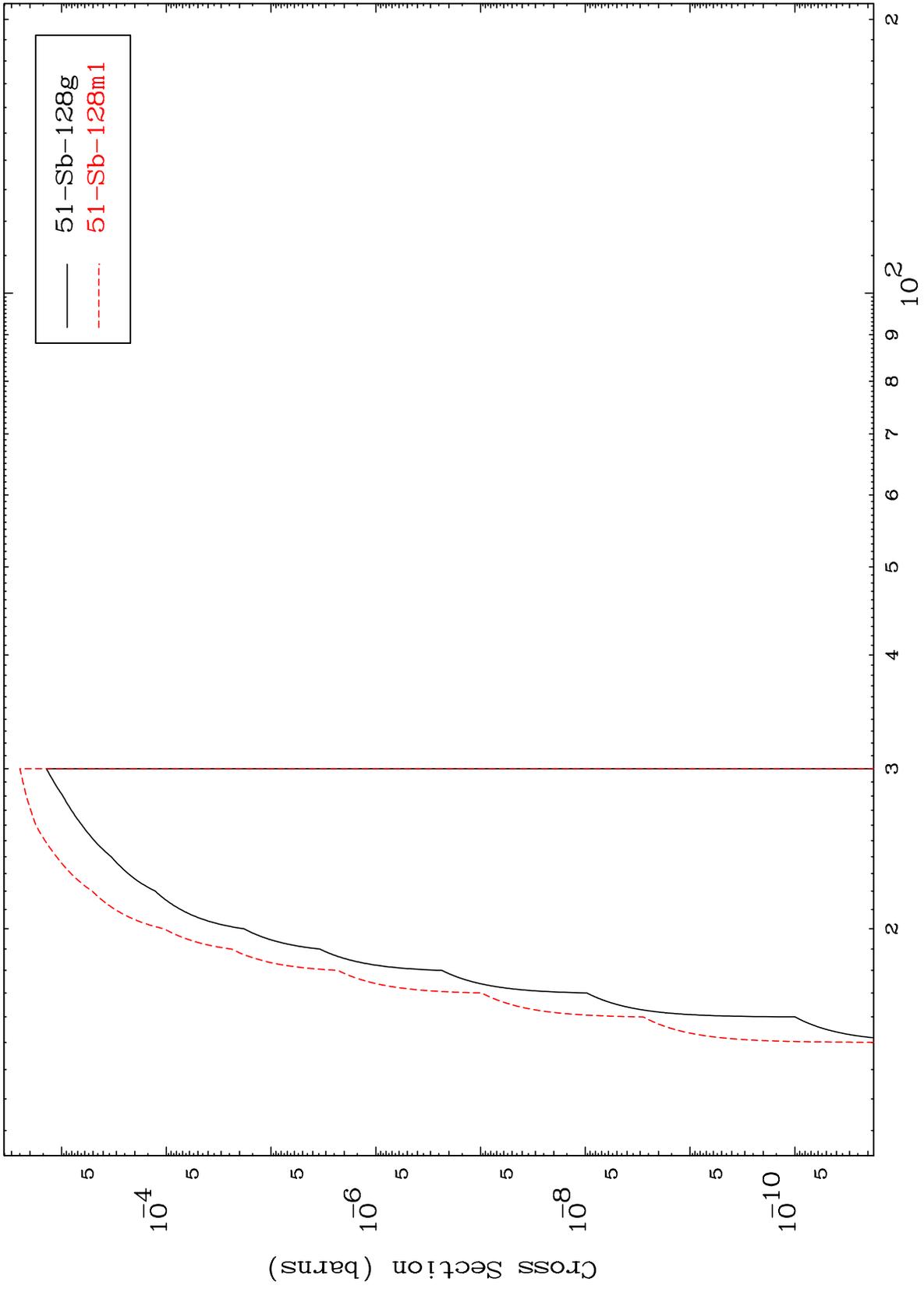
50-Sn-127

MAT 5070

(α, t)

50-Sn-127

Radionuclide Production Cross Section



22

Incident Energy (MeV)

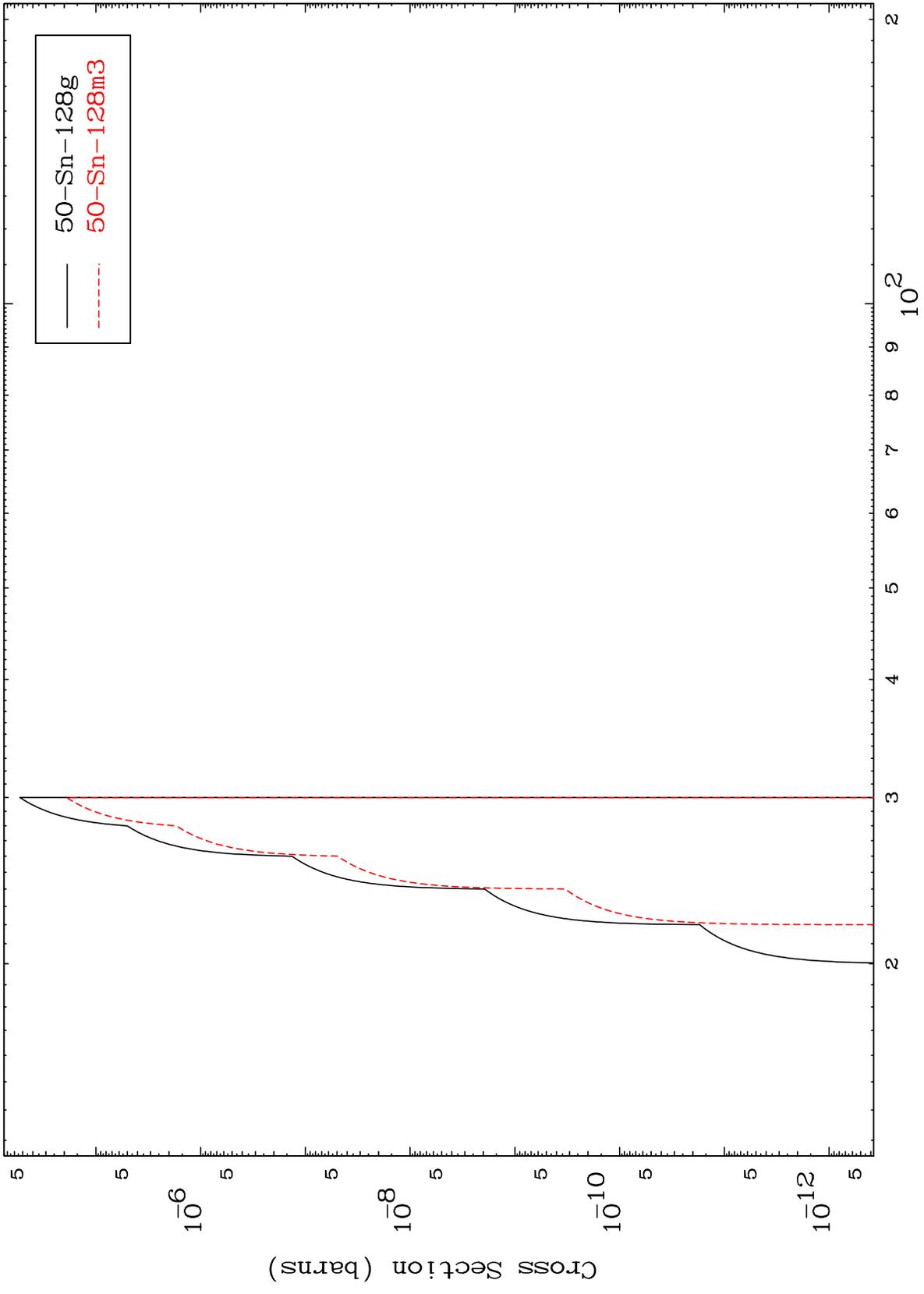
50-Sn-127

MAT 5070

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

50-Sn-127

Radionuclide Production Cross Section



23

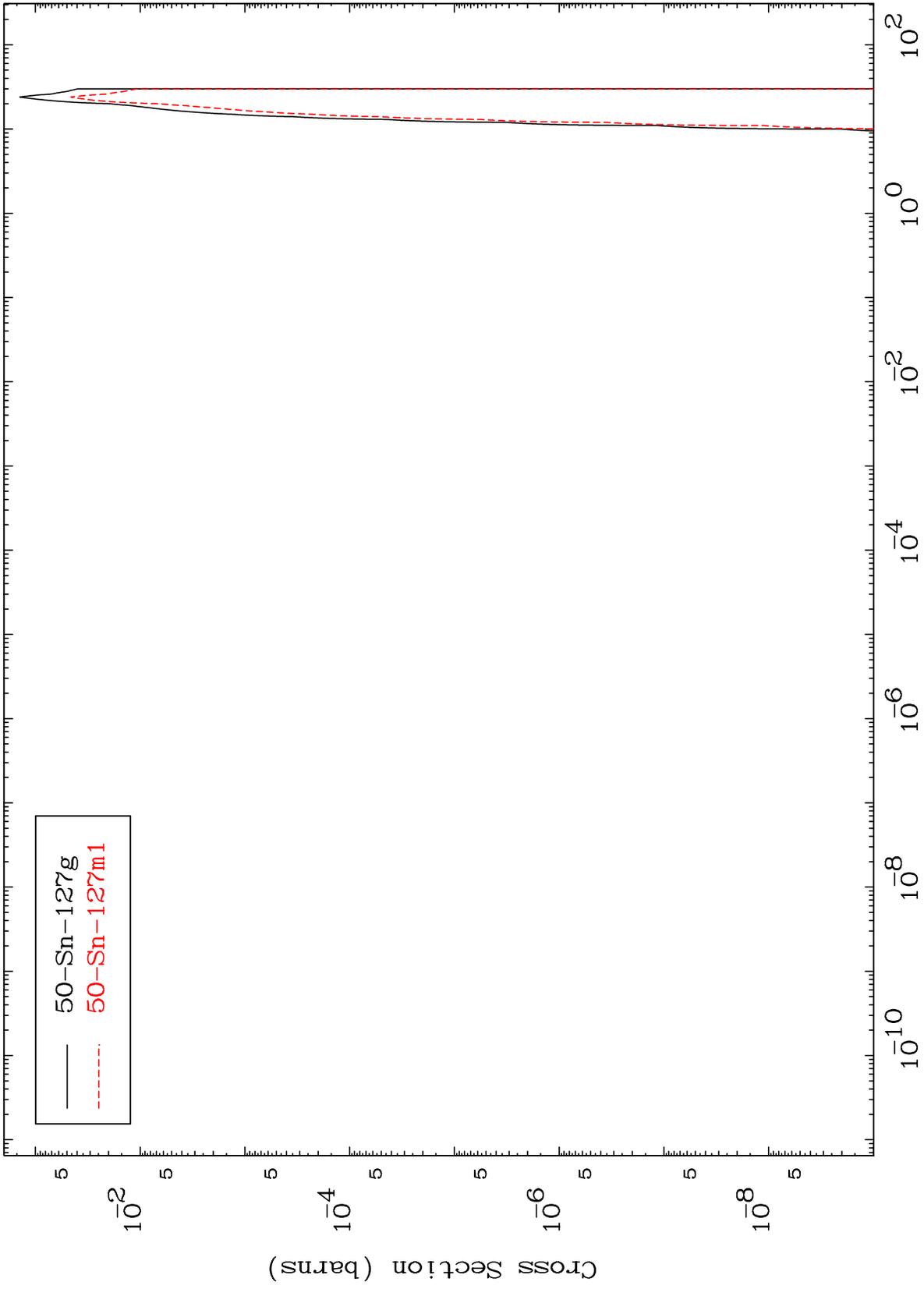
Incident Energy (MeV)

50-Sn-127

MAT 5070

(α, α)

Radionuclide Production Cross Section



24

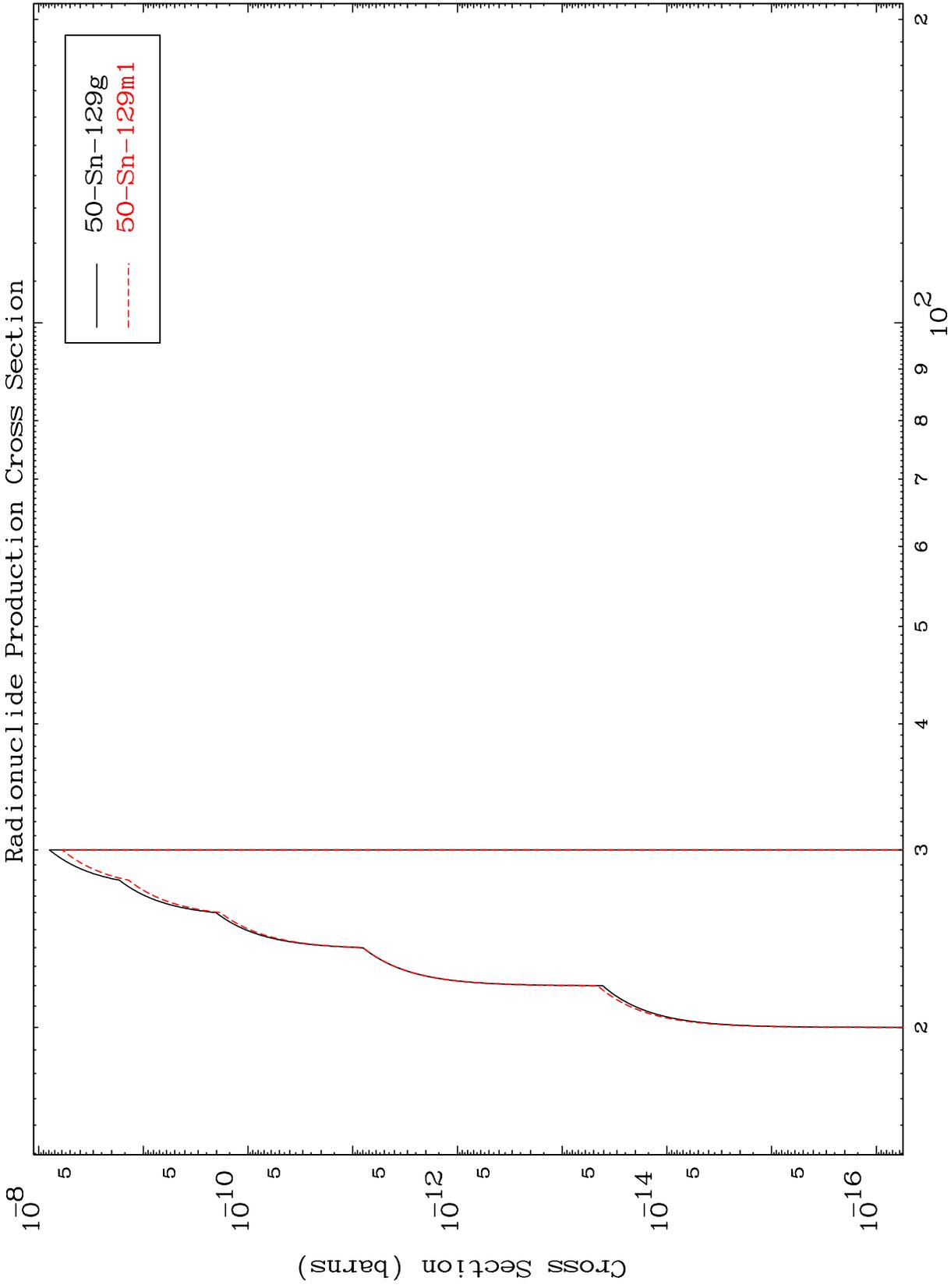
Incident Energy (MeV)

50-Sn-127

MAT 5070

50-Sn-127

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



25

Incident Energy (MeV)

50-Sn-127