

Program EVALPLOT
(Version 2021-1)

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

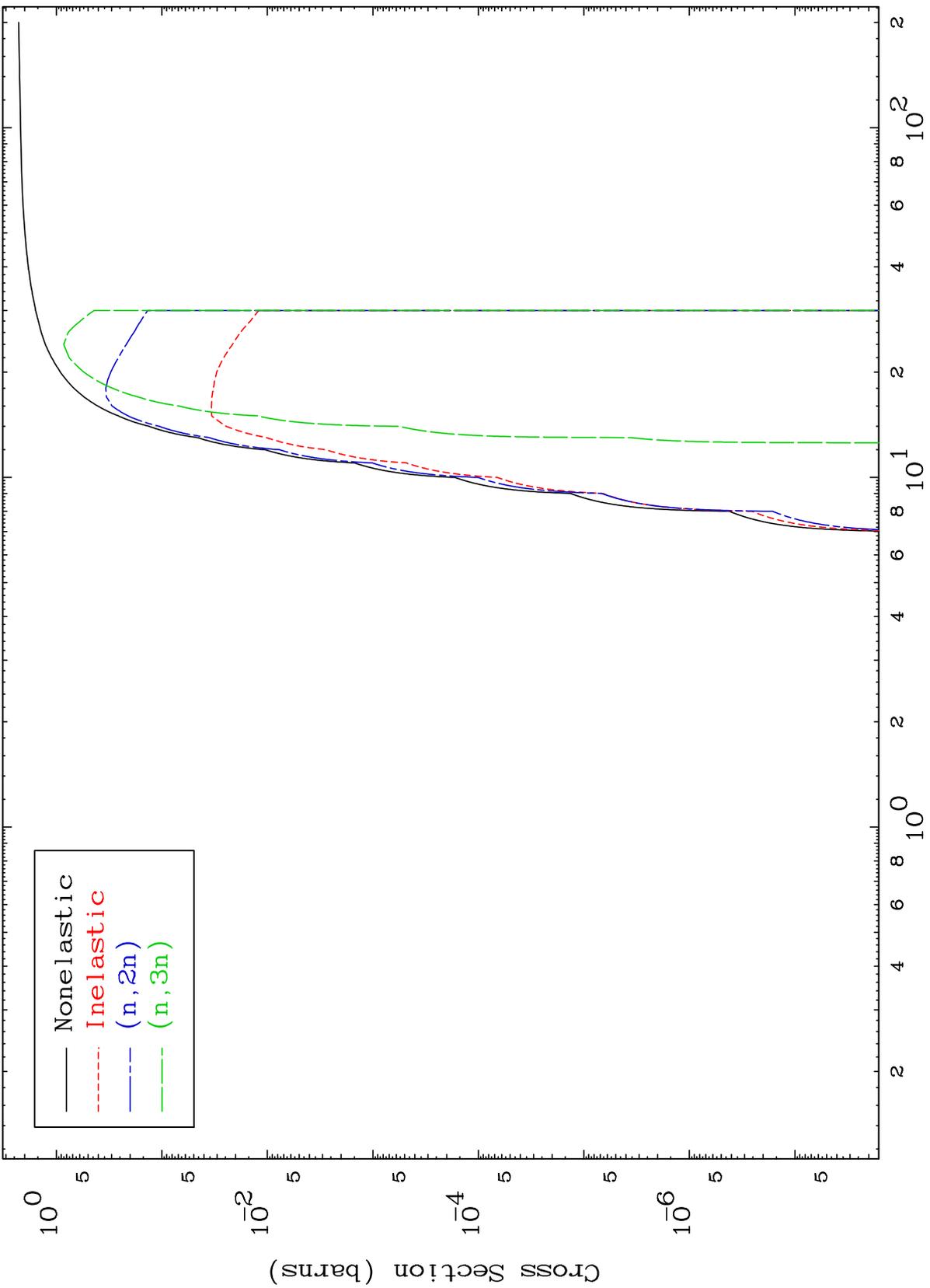
Press Mouse Button to Start

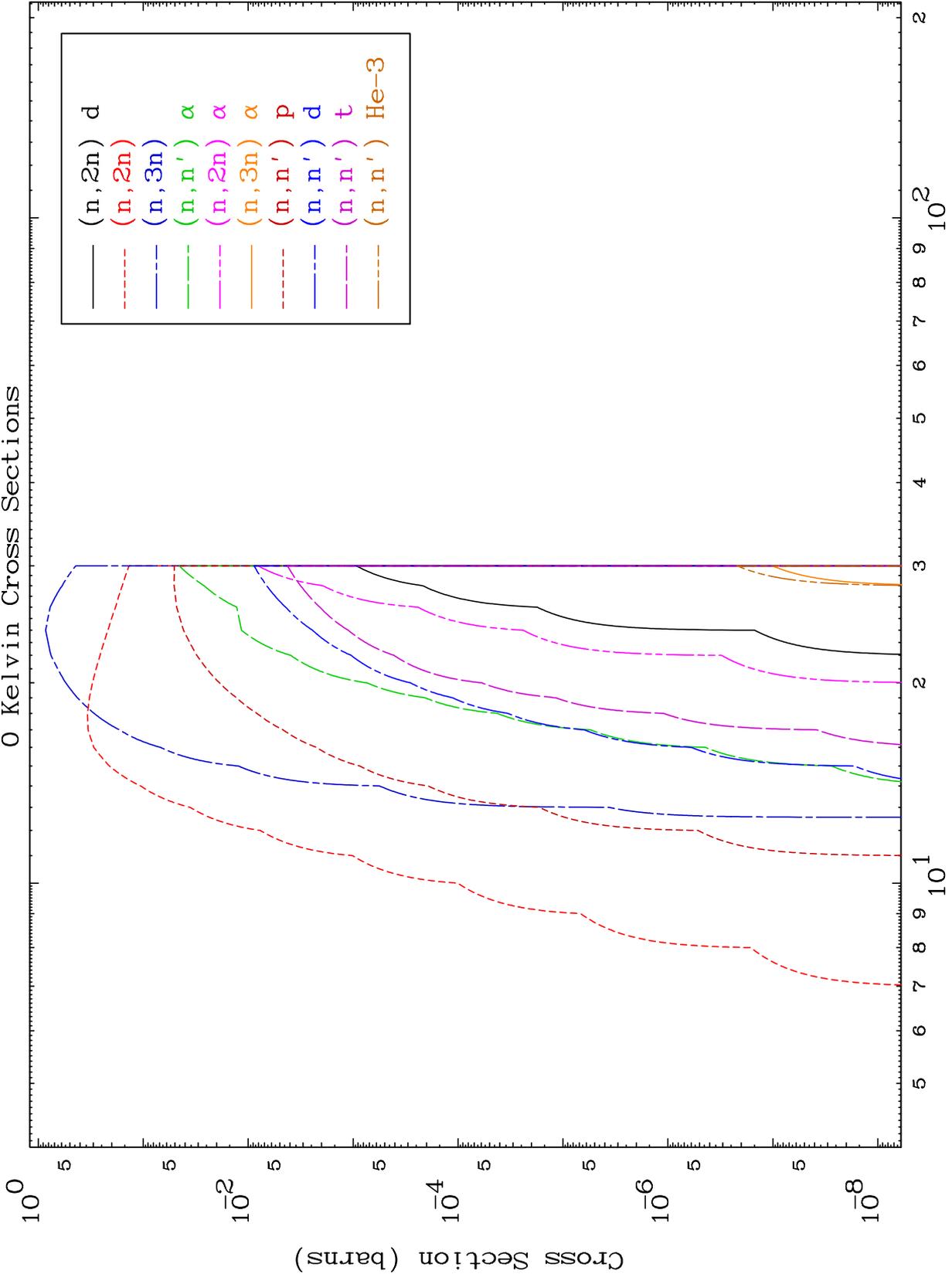
MAT 4969

α Major

49-In-127n

0 Kelvin Cross Sections

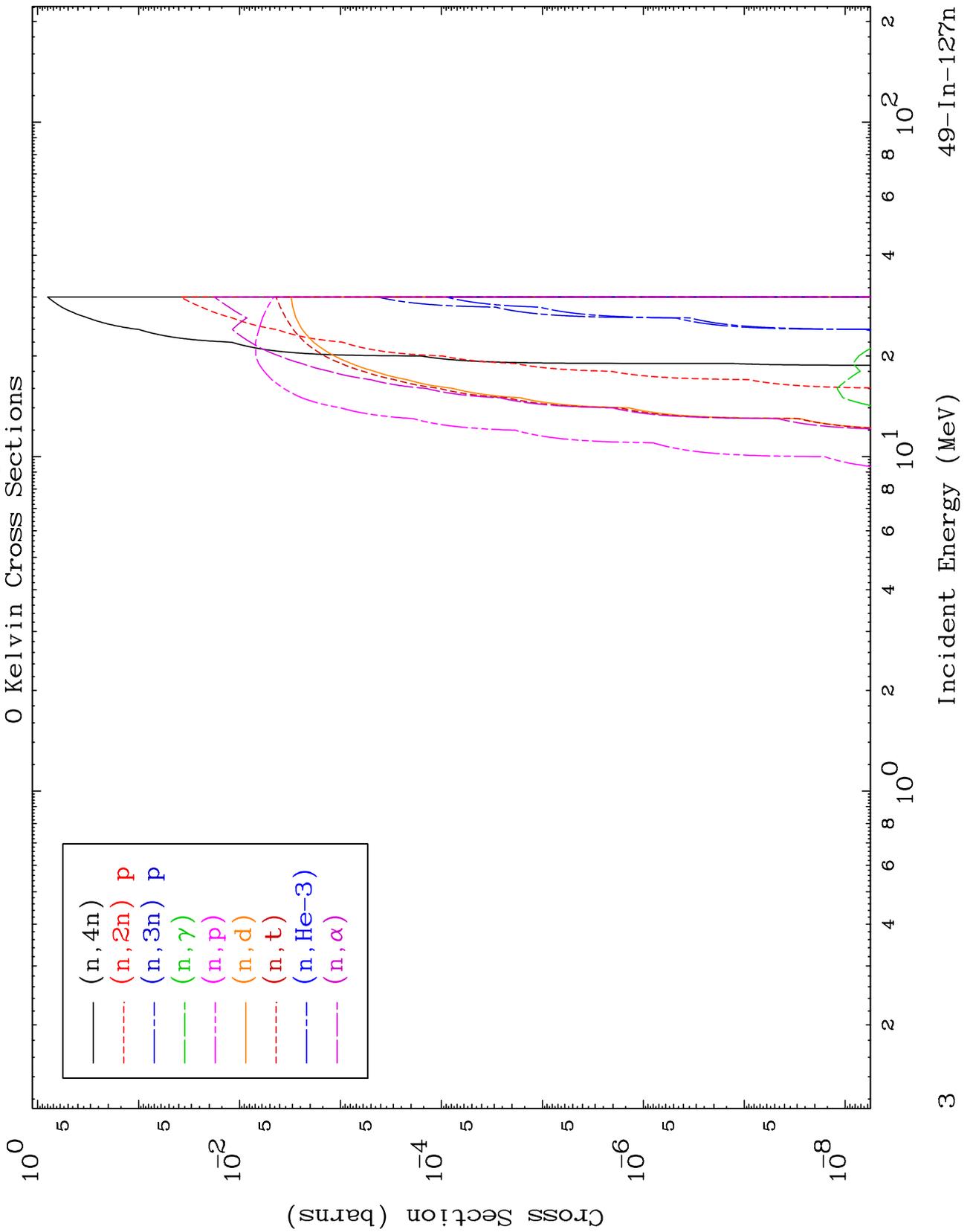


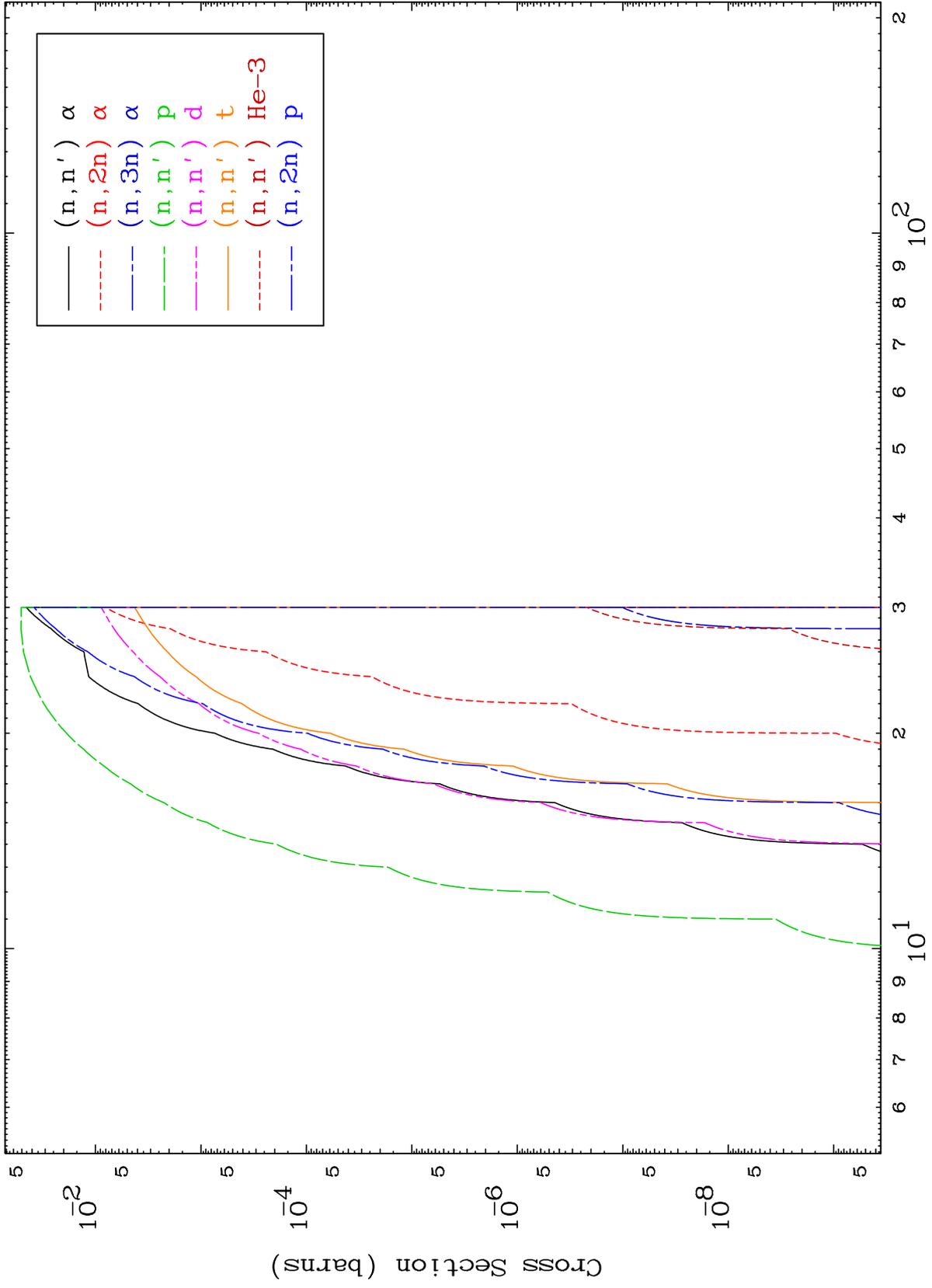


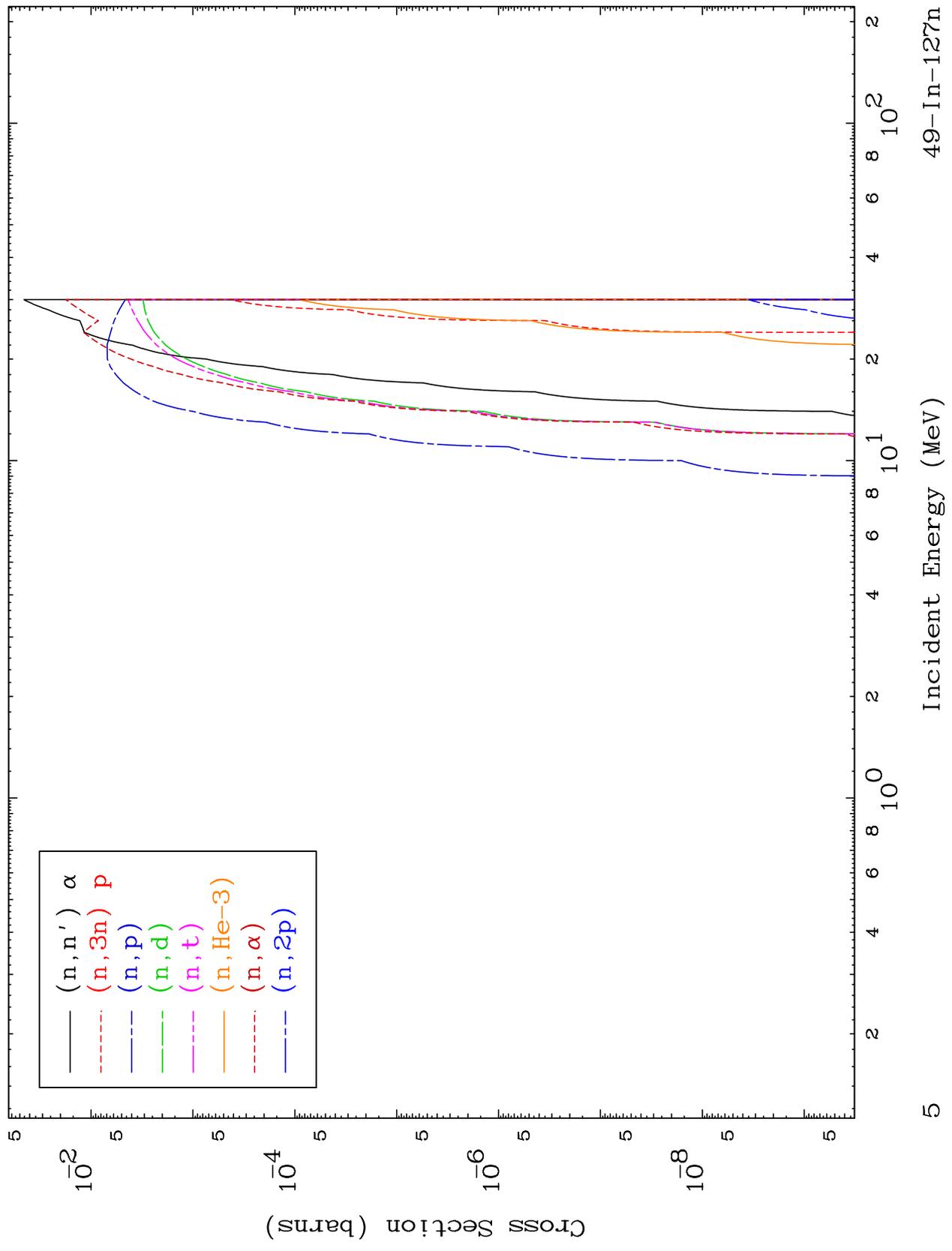
MAT 4969

α Neutron Absorption
0 Kelvin Cross Sections

49-In-127n





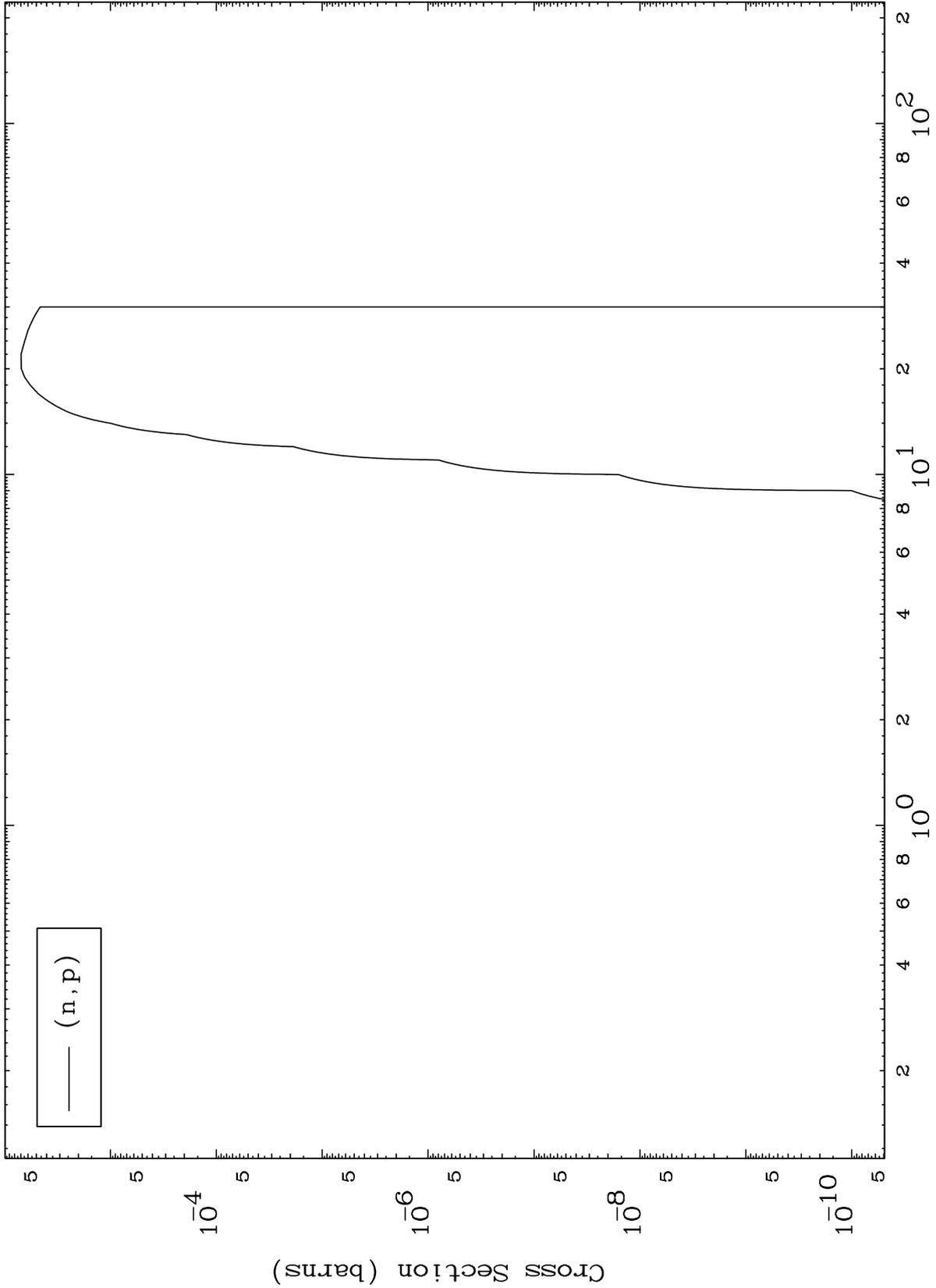


MAT 4969

(α, p) Levels

49-In-127n

0 Kelvin Cross Sections

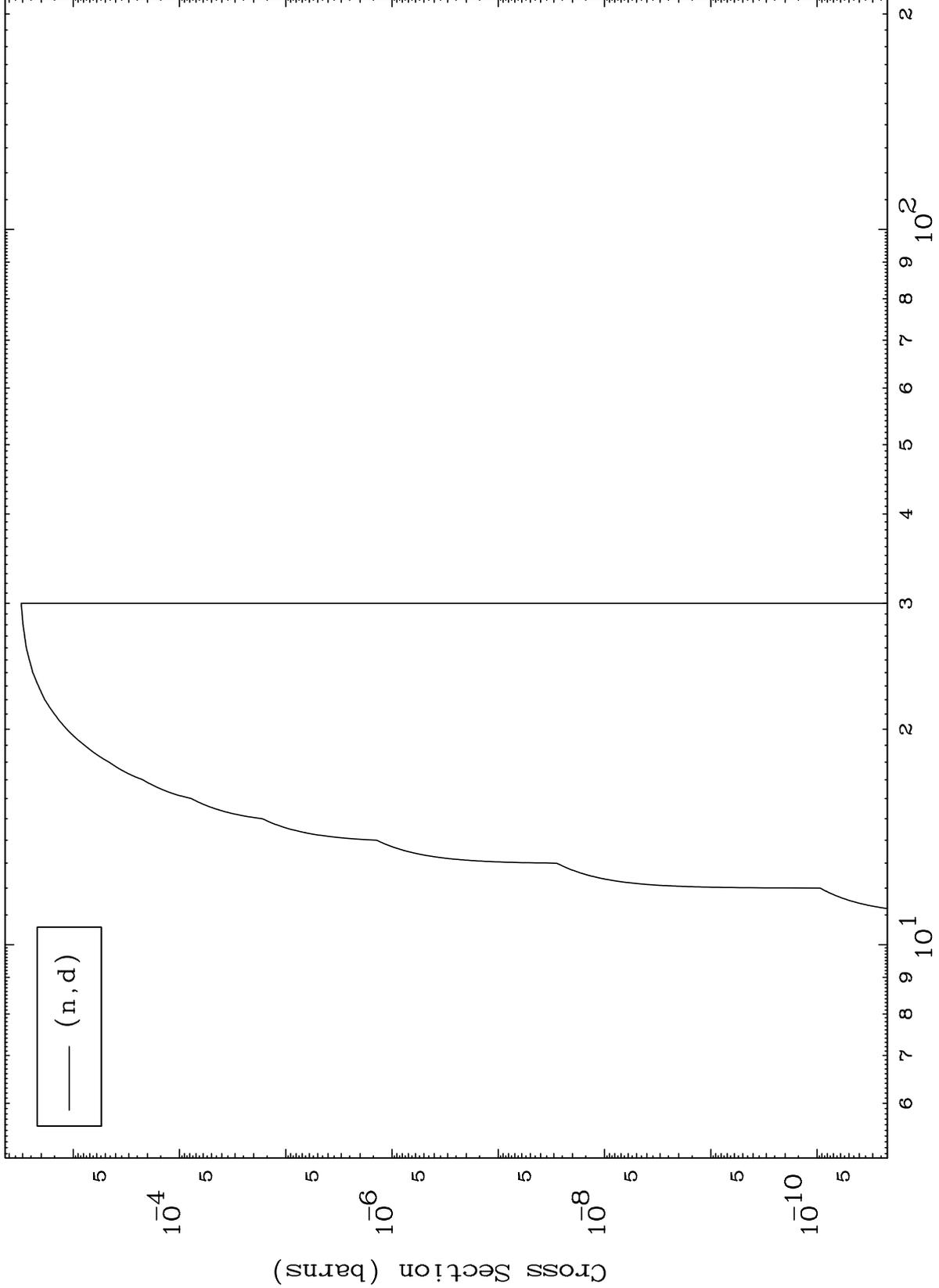


MAT 4969

(α, d) Levels

49-In-127n

0 Kelvin Cross Sections

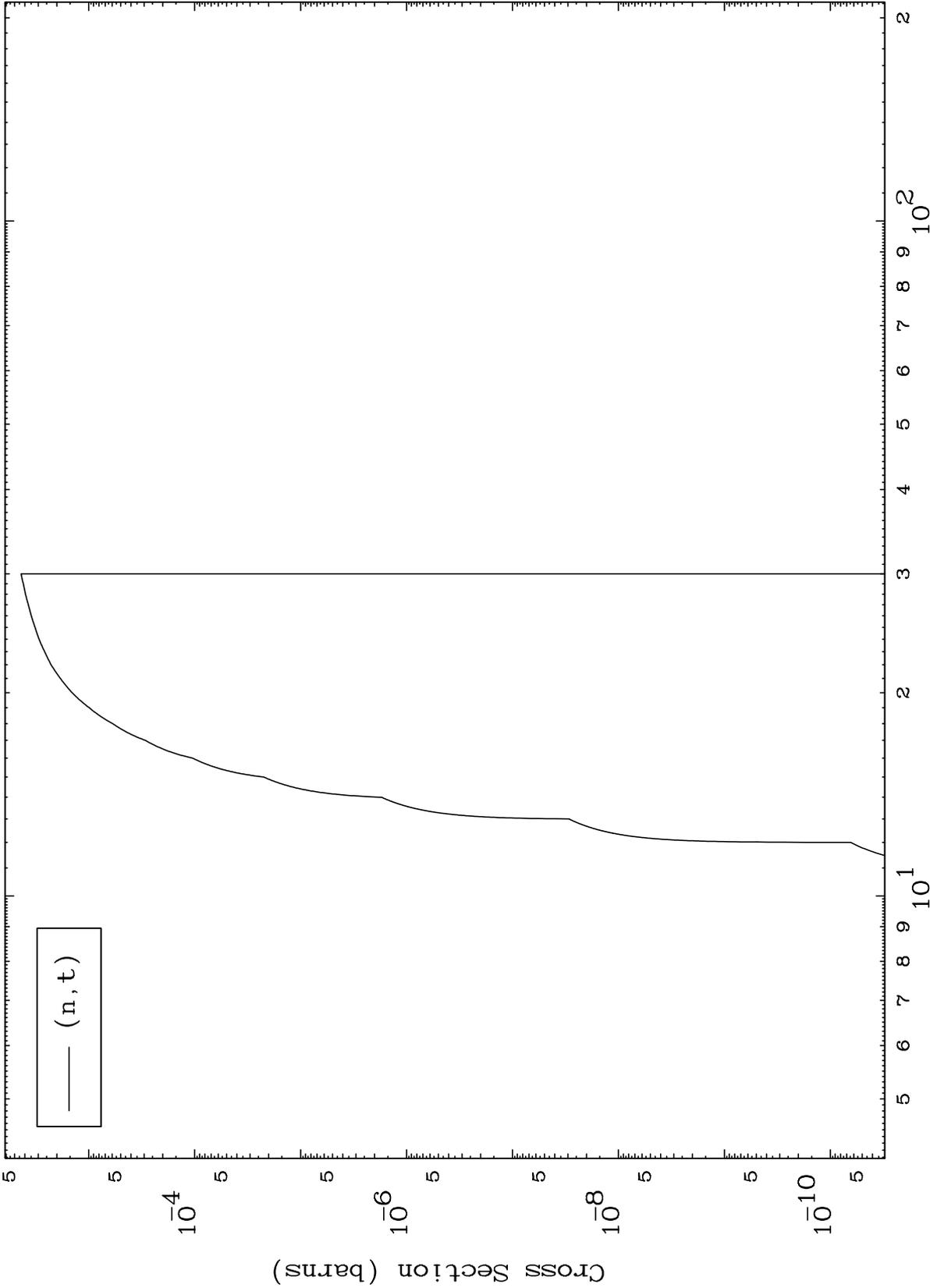


MAT 4969

(α, t) Levels

49-In-127n

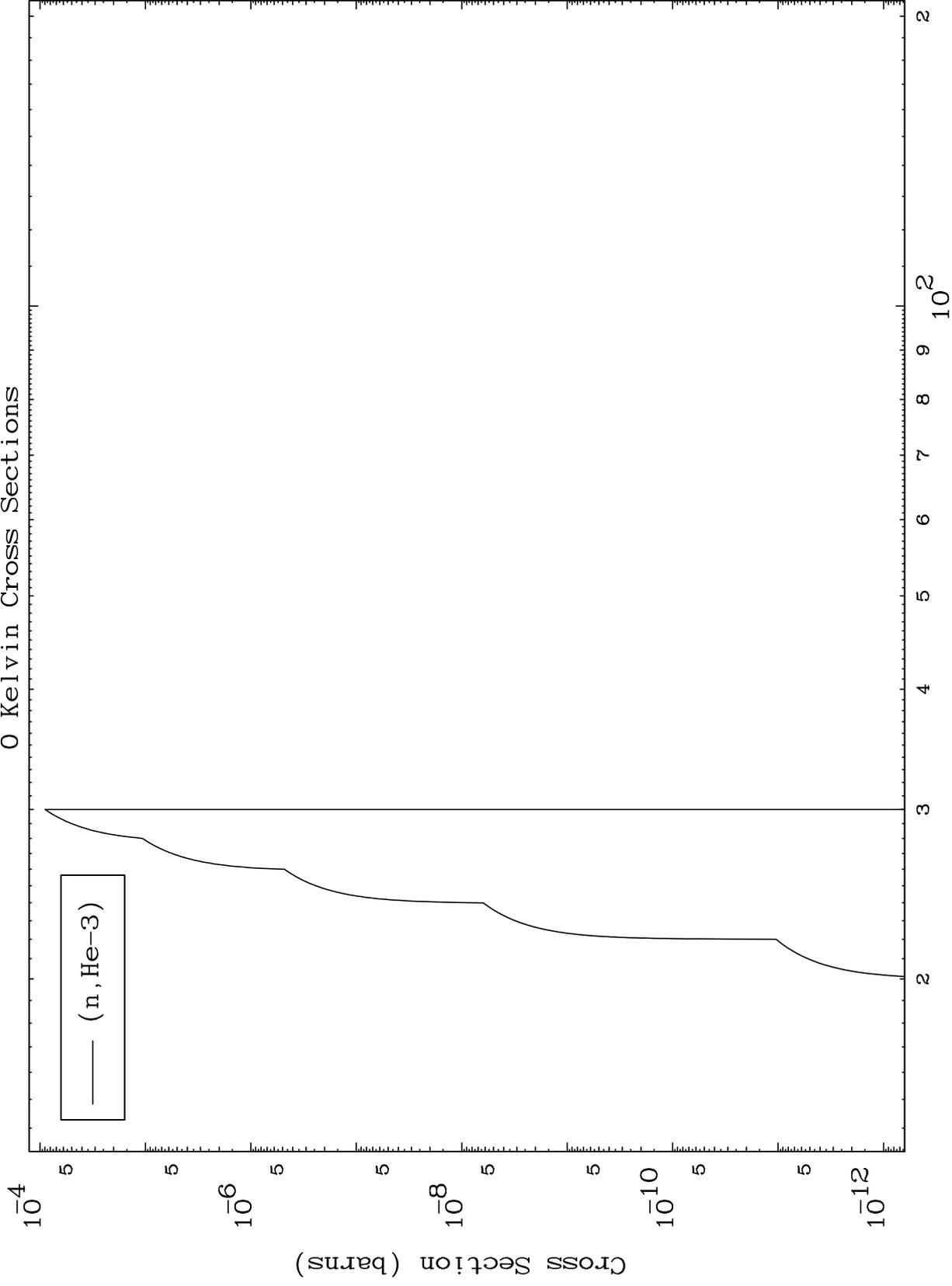
0 Kelvin Cross Sections



MAT 4969

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

49-In-127n



9

Incident Energy (MeV)

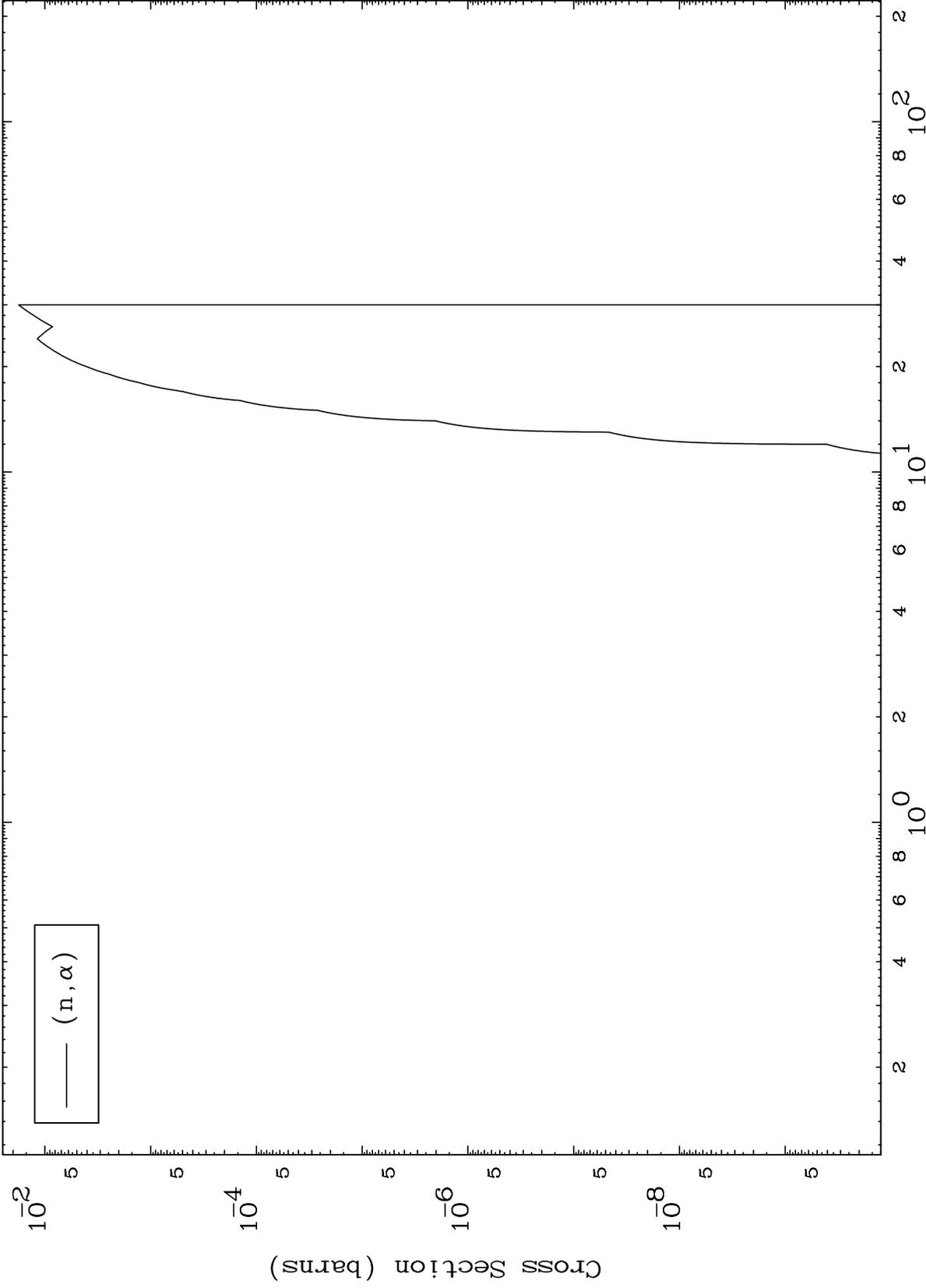
49-In-127n

MAT 4969

(α, α) Levels

49-In-127n

0 Kelvin Cross Sections



10

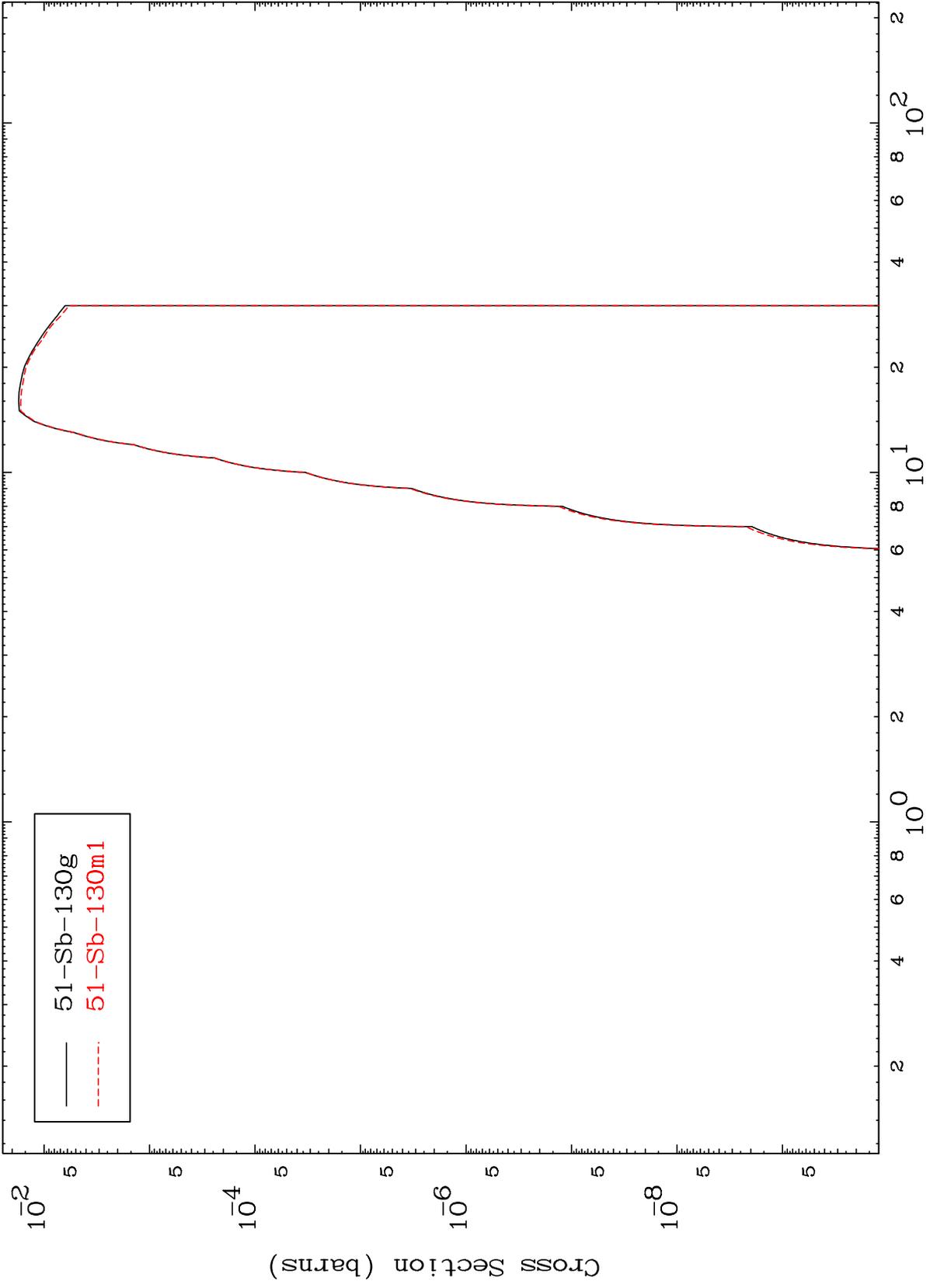
Incident Energy (MeV)

49-In-127n

MAT 4969

49-In-127n

Inelastic
Radionuclide Production Cross Section



49-In-127n

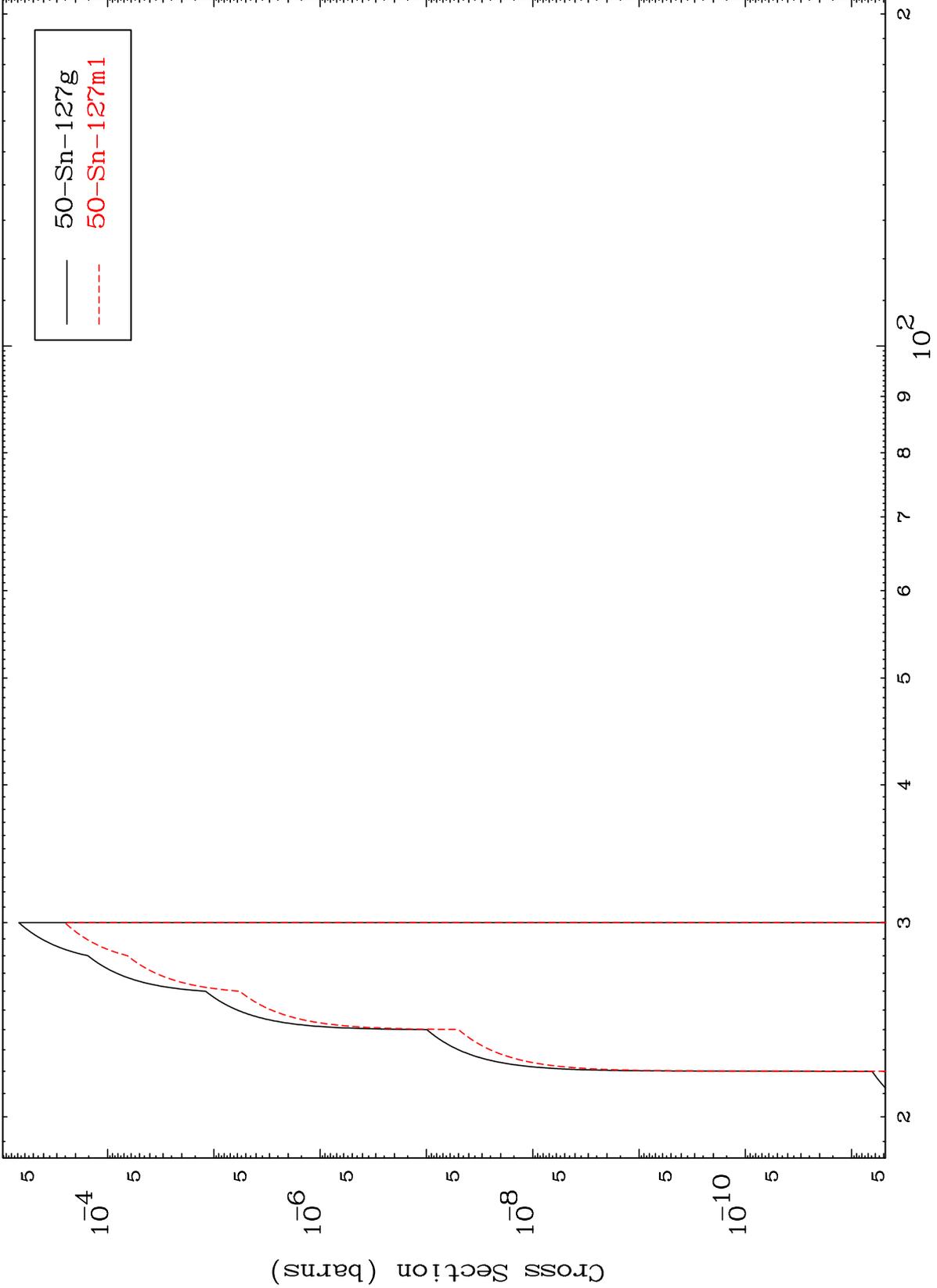
Incident Energy (MeV)

MAT 4969

(n,2n) d

49-In-127n

Radionuclide Production Cross Section



12

Incident Energy (MeV)

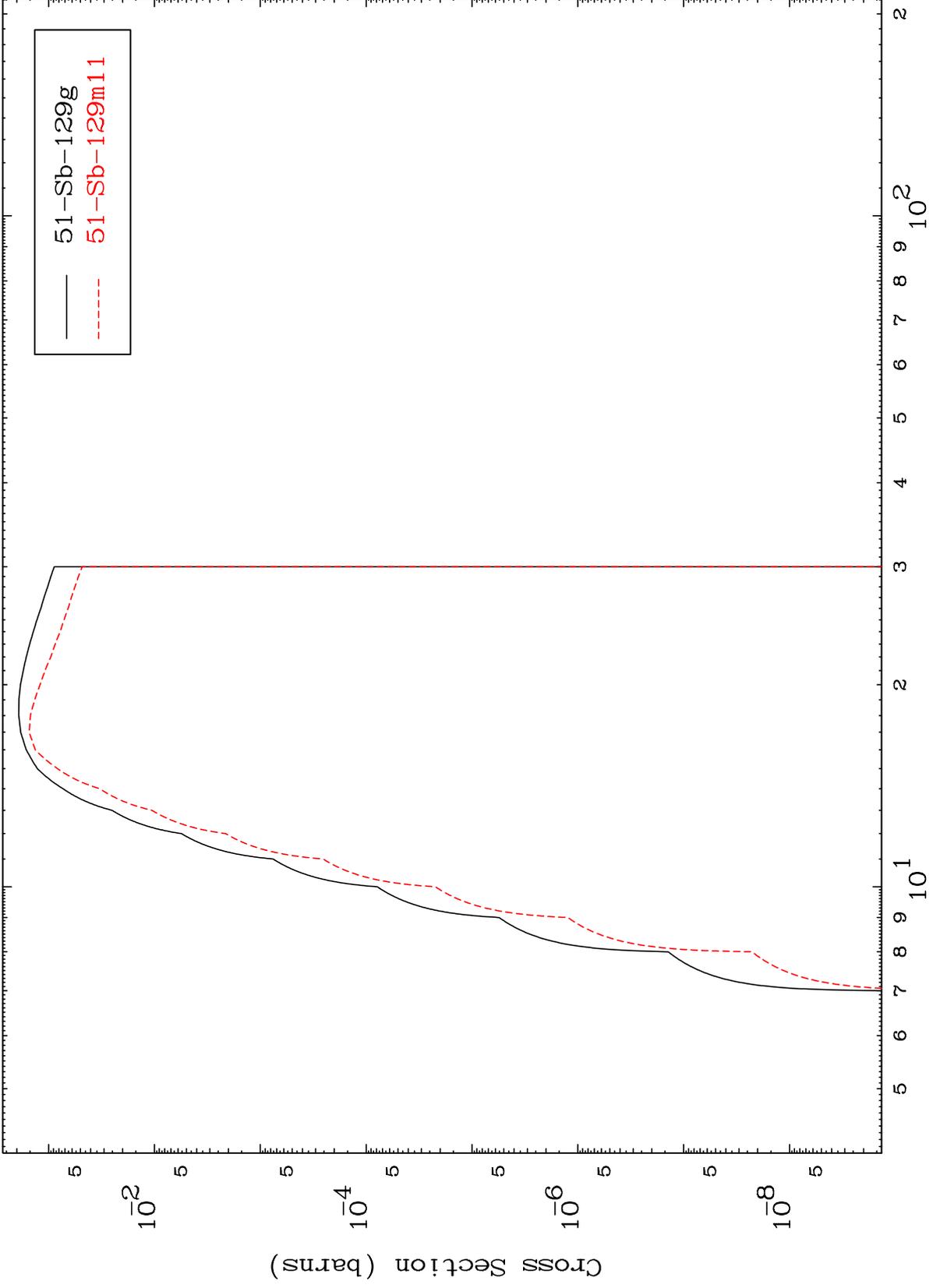
49-In-127n

MAT 4969

(n,2n)

49-In-127n

Radionuclide Production Cross Section



13

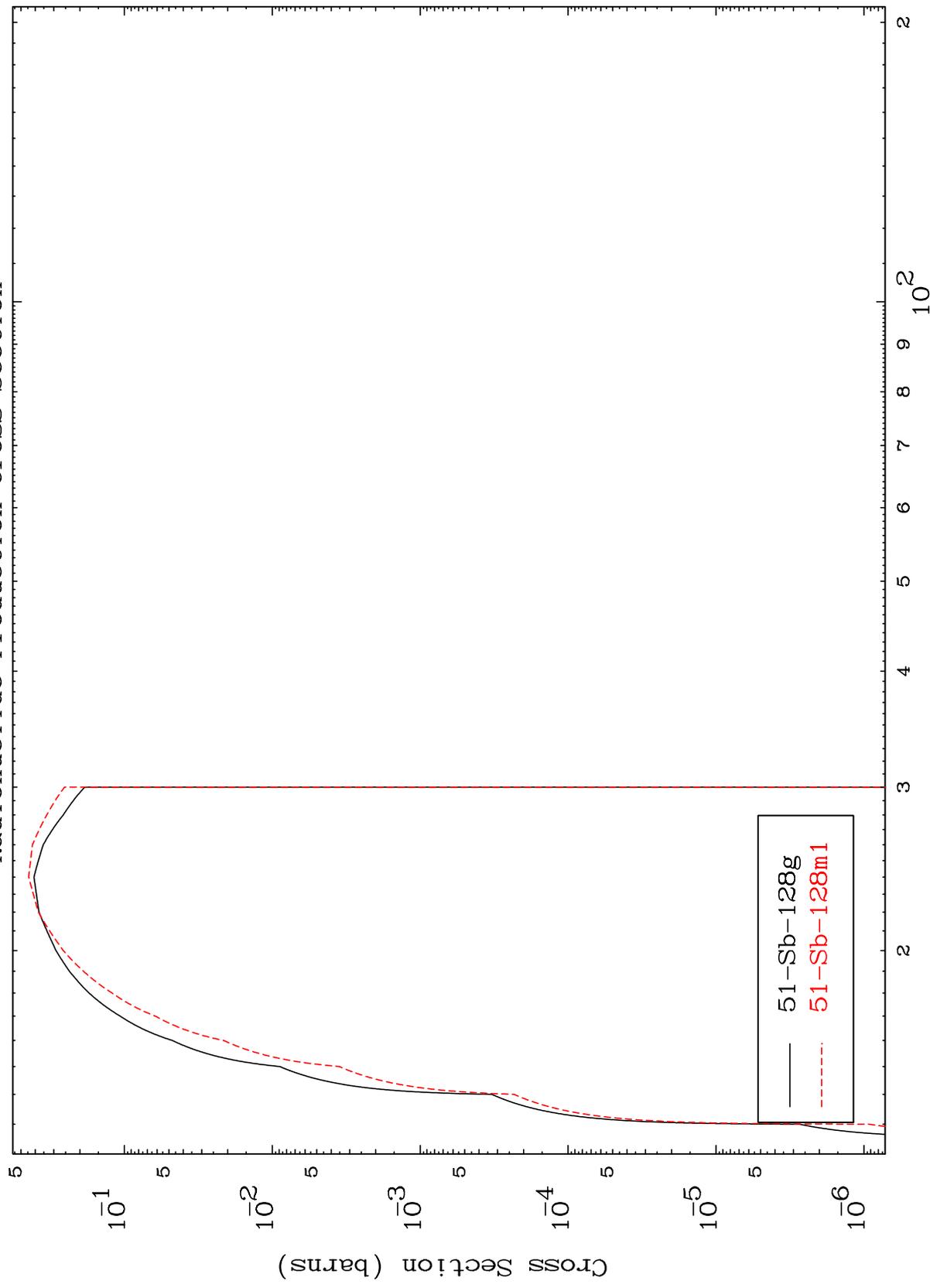
Incident Energy (MeV)

49-In-127n

MAT 4969

49-In-127n

(n,3n)
Radionuclide Production Cross Section



49-In-127n

Incident Energy (MeV)

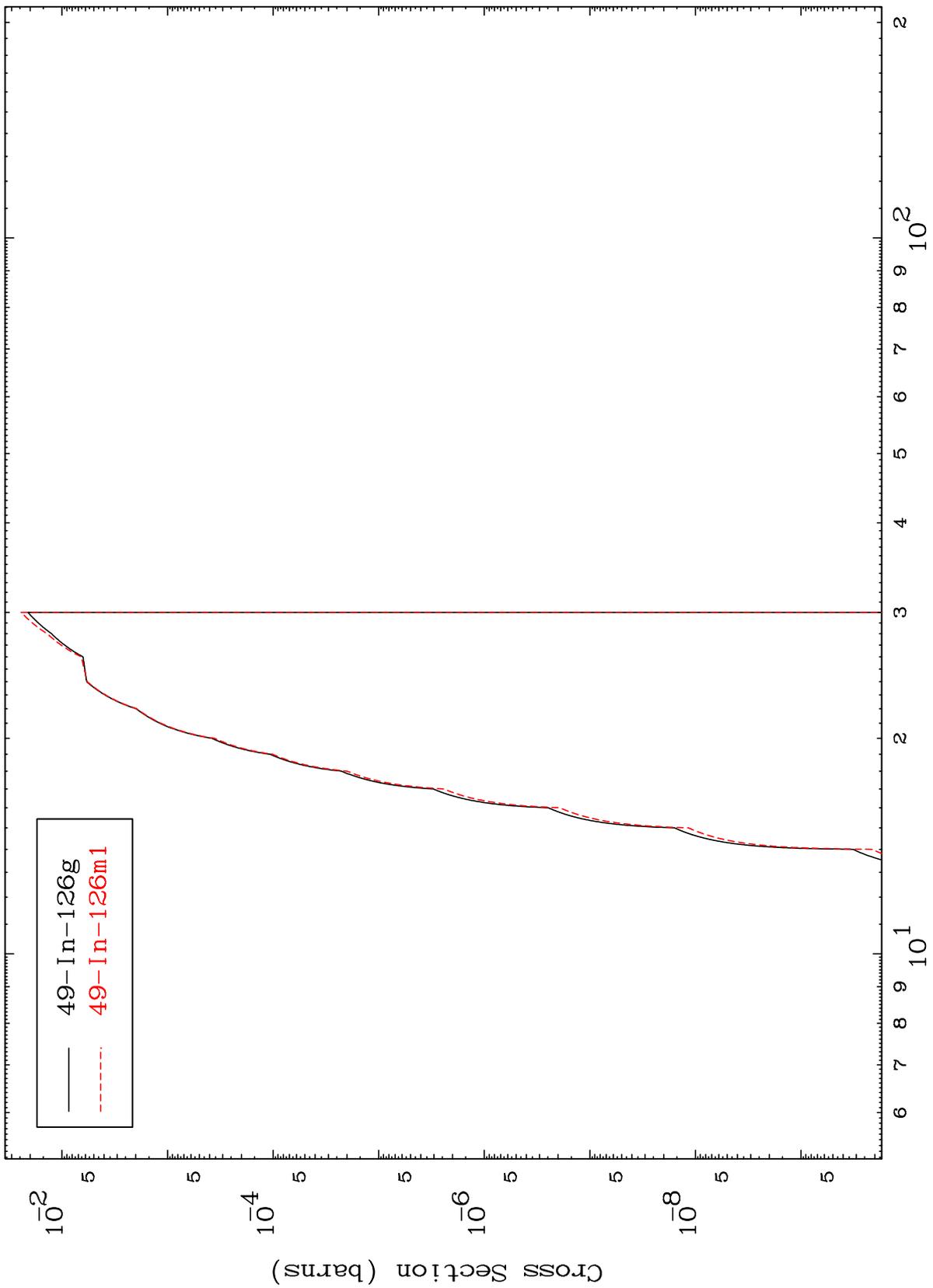
14

MAT 4969

(n,n') α

49-In-127n

Radionuclide Production Cross Section



15

Incident Energy (MeV)

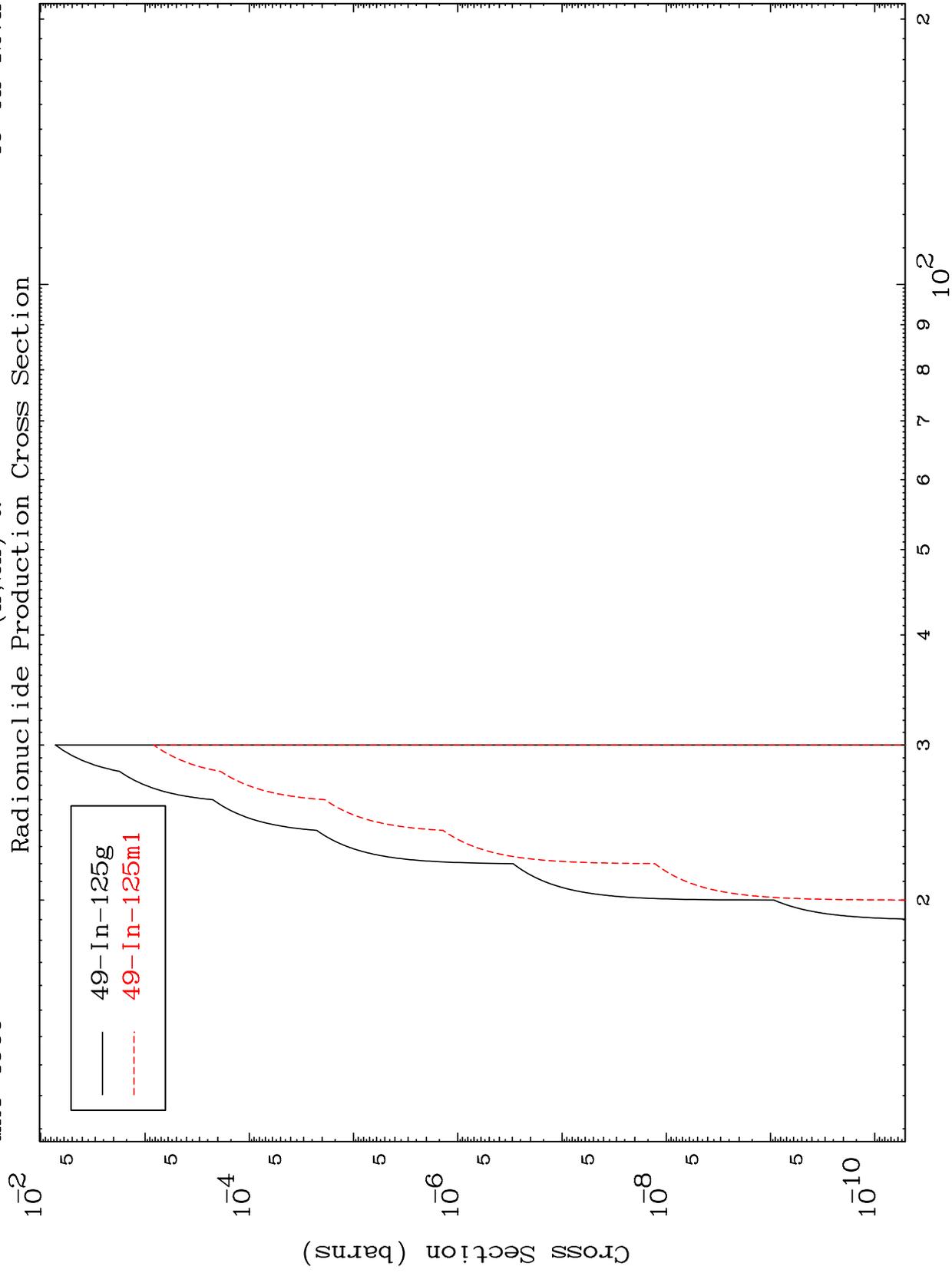
49-In-127n

MAT 4969

49-In-127n

(n,2n) α

Radionuclide Production Cross Section



Incident Energy (MeV)

49-In-127n

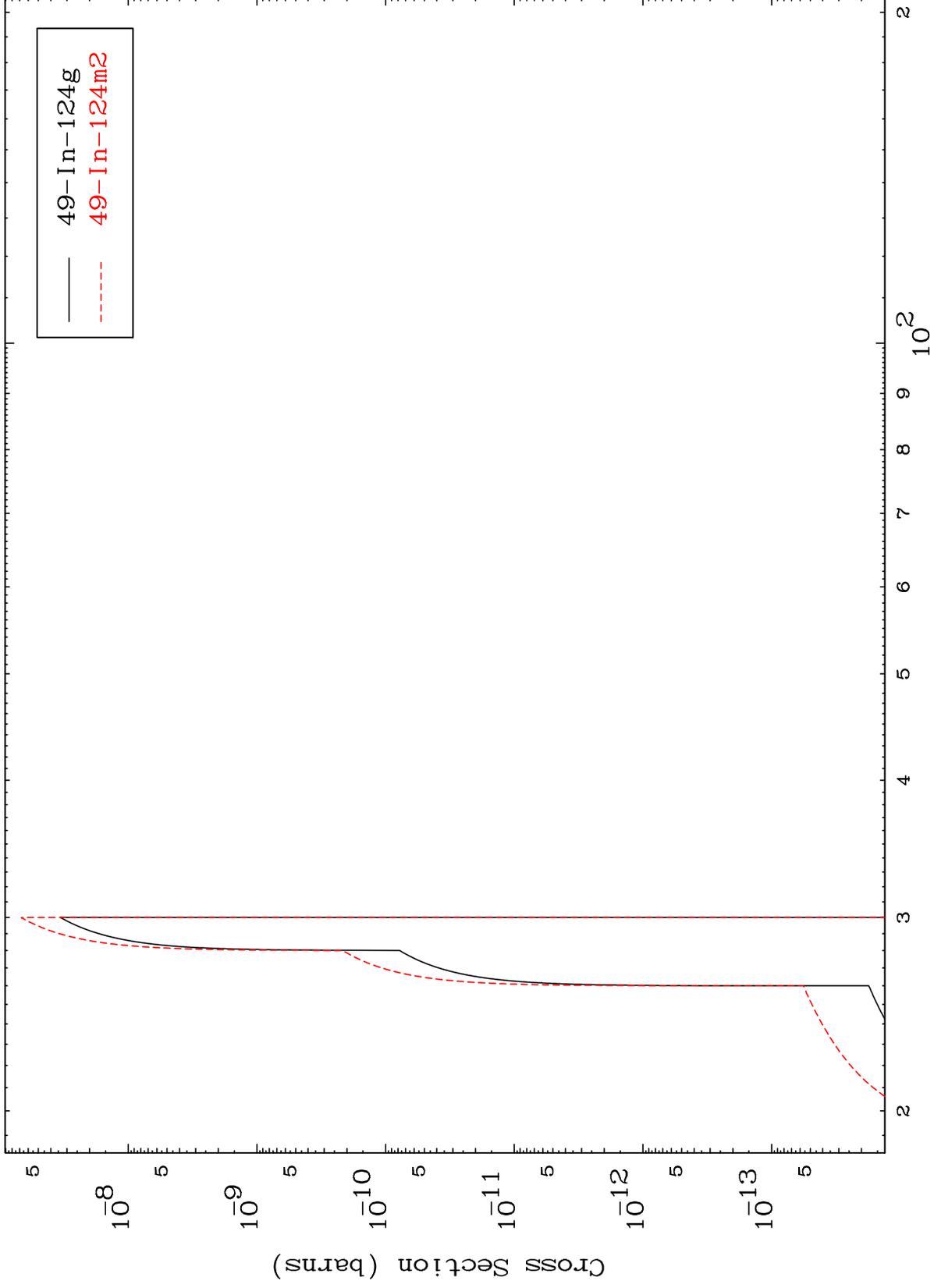
16

MAT 4969

(n,3n) α

49-In-127n

Radionuclide Production Cross Section



17

Incident Energy (MeV)

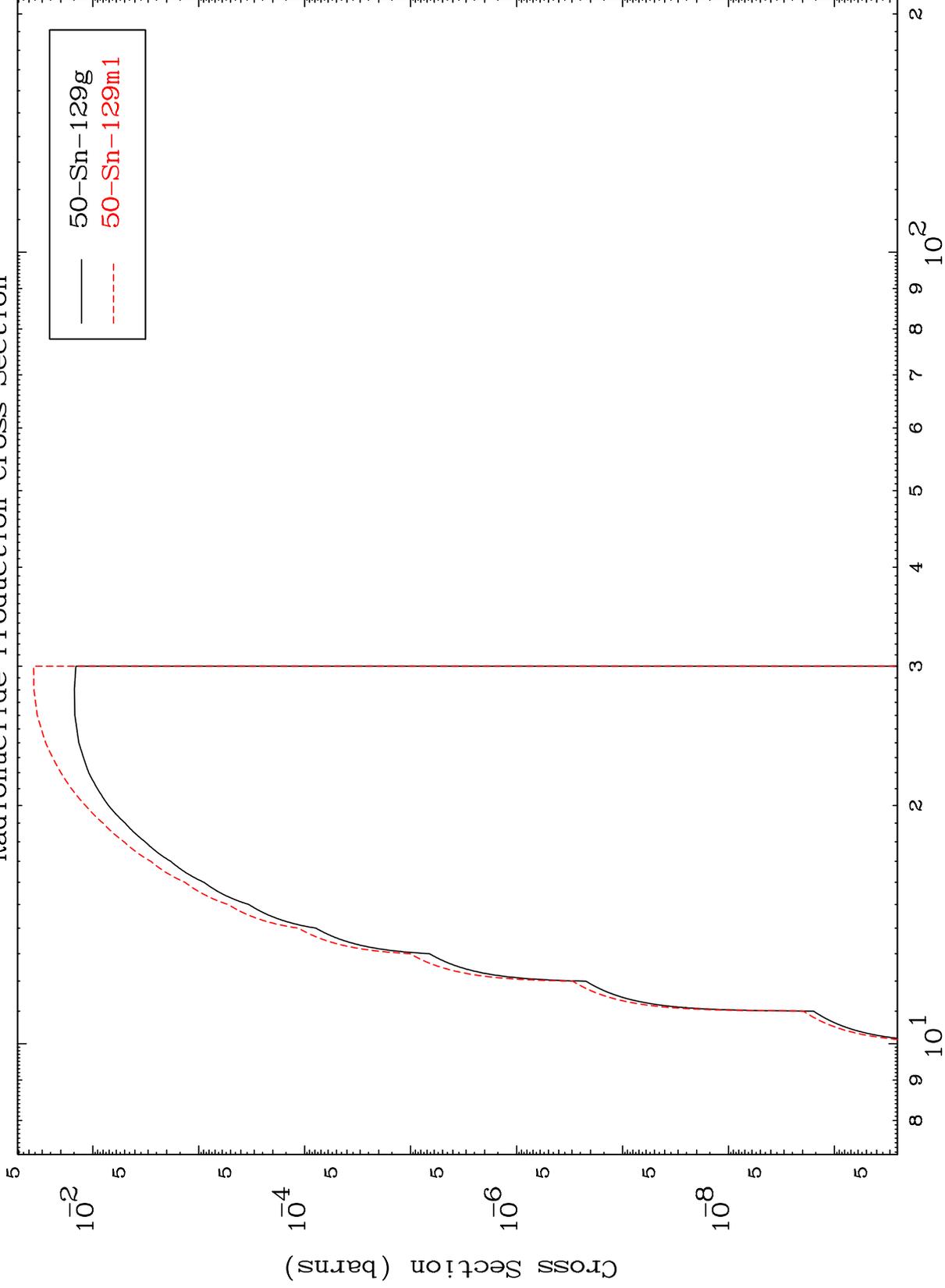
49-In-127n

MAT 4969

(n,n') p

49-In-127n

Radionuclide Production Cross Section



18

Incident Energy (MeV)

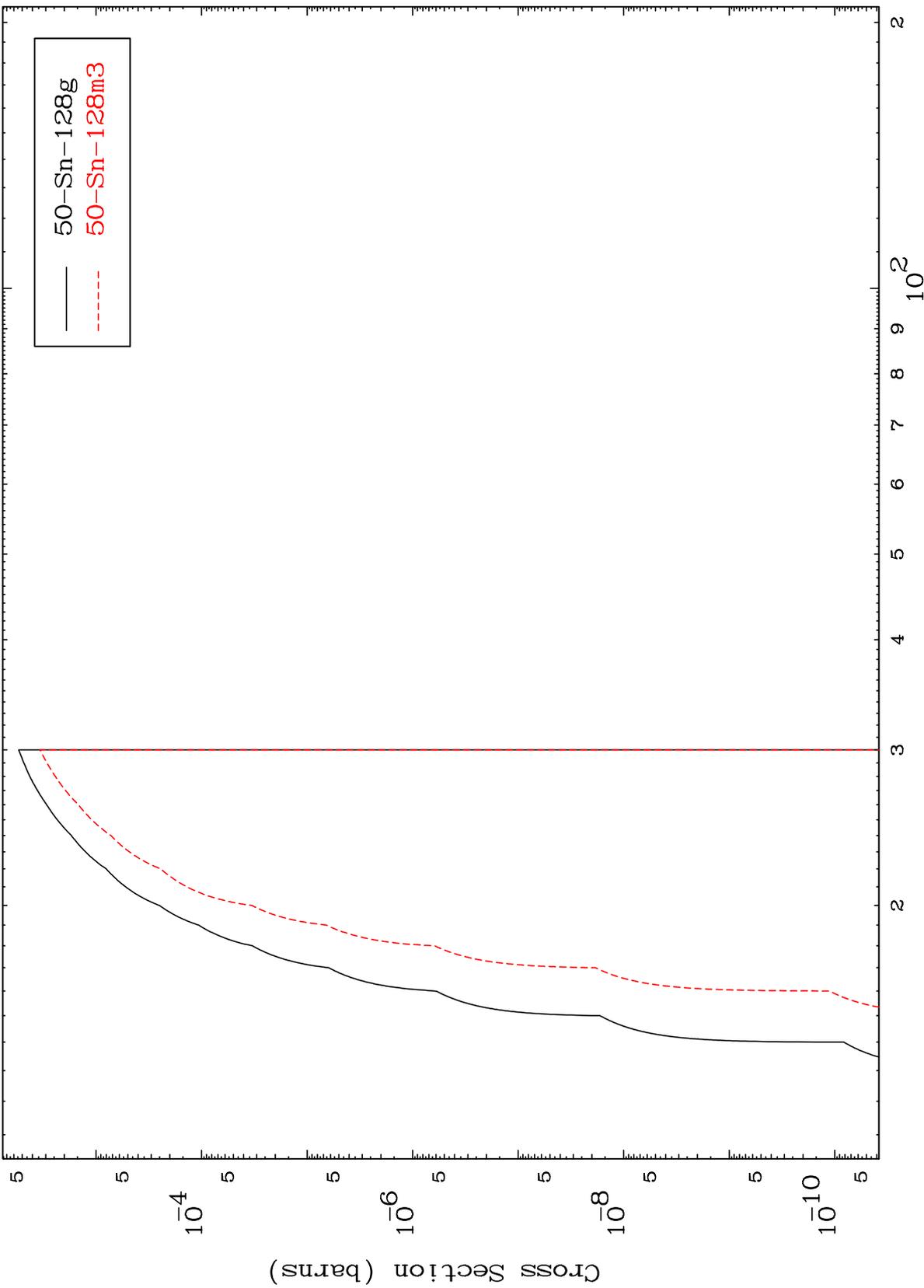
49-In-127n

MAT 4969

(n,n') d

49-In-127n

Radionuclide Production Cross Section

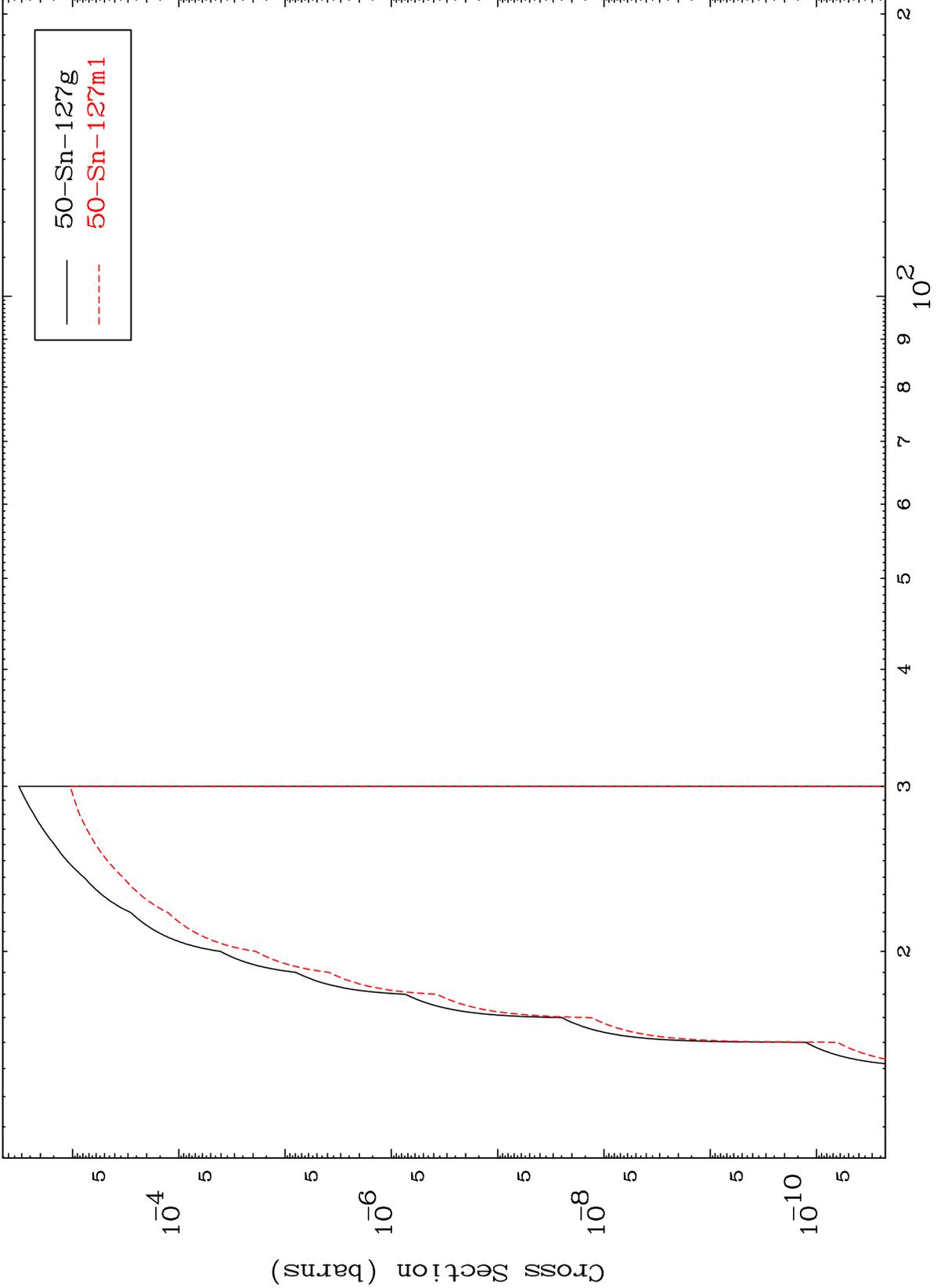


19

Incident Energy (MeV)

49-In-127n

Radionuclide Production Cross Section

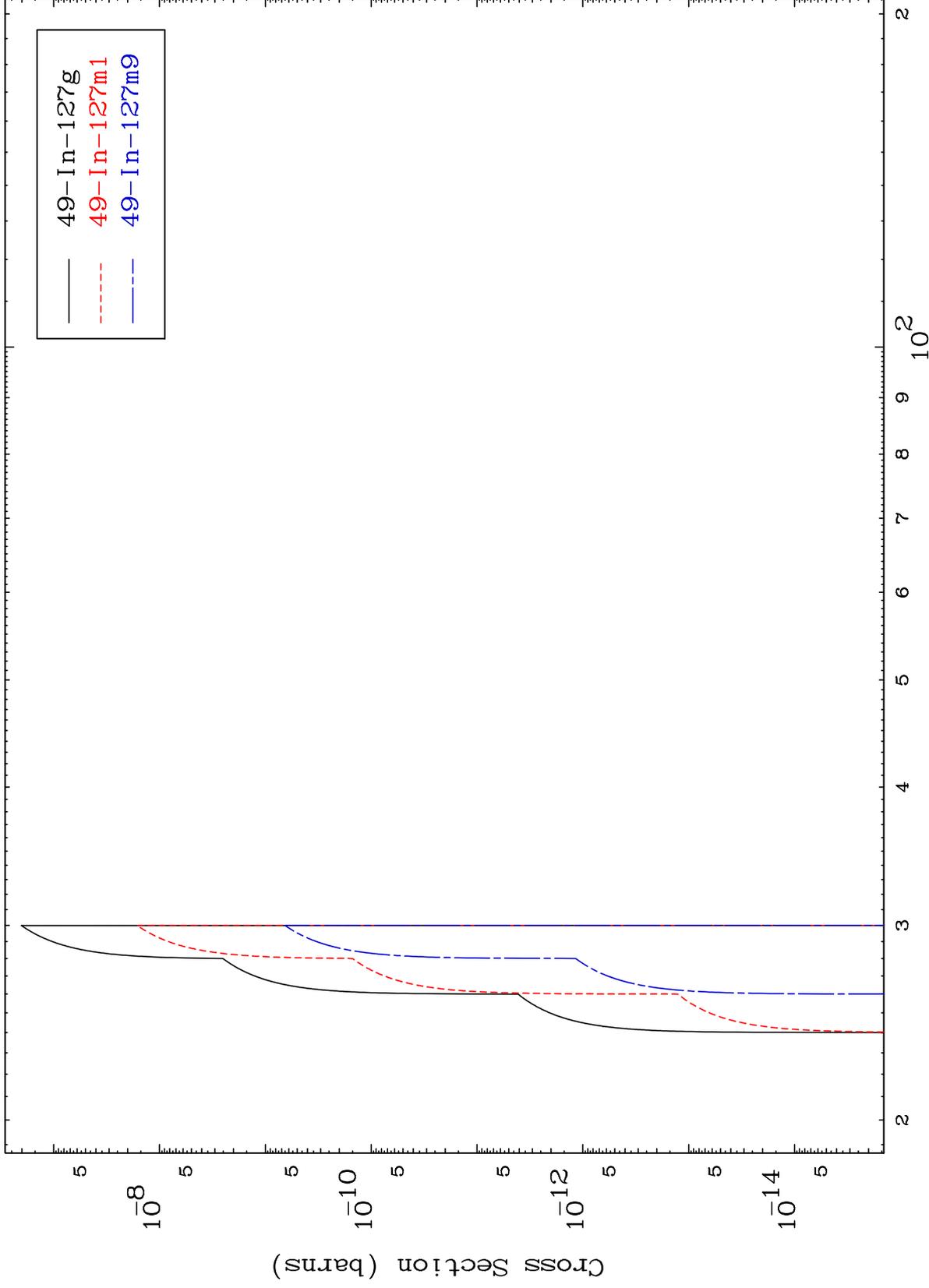


MAT 4969

(n,n') He-3

49-In-127n

Radionuclide Production Cross Section



21

Incident Energy (MeV)

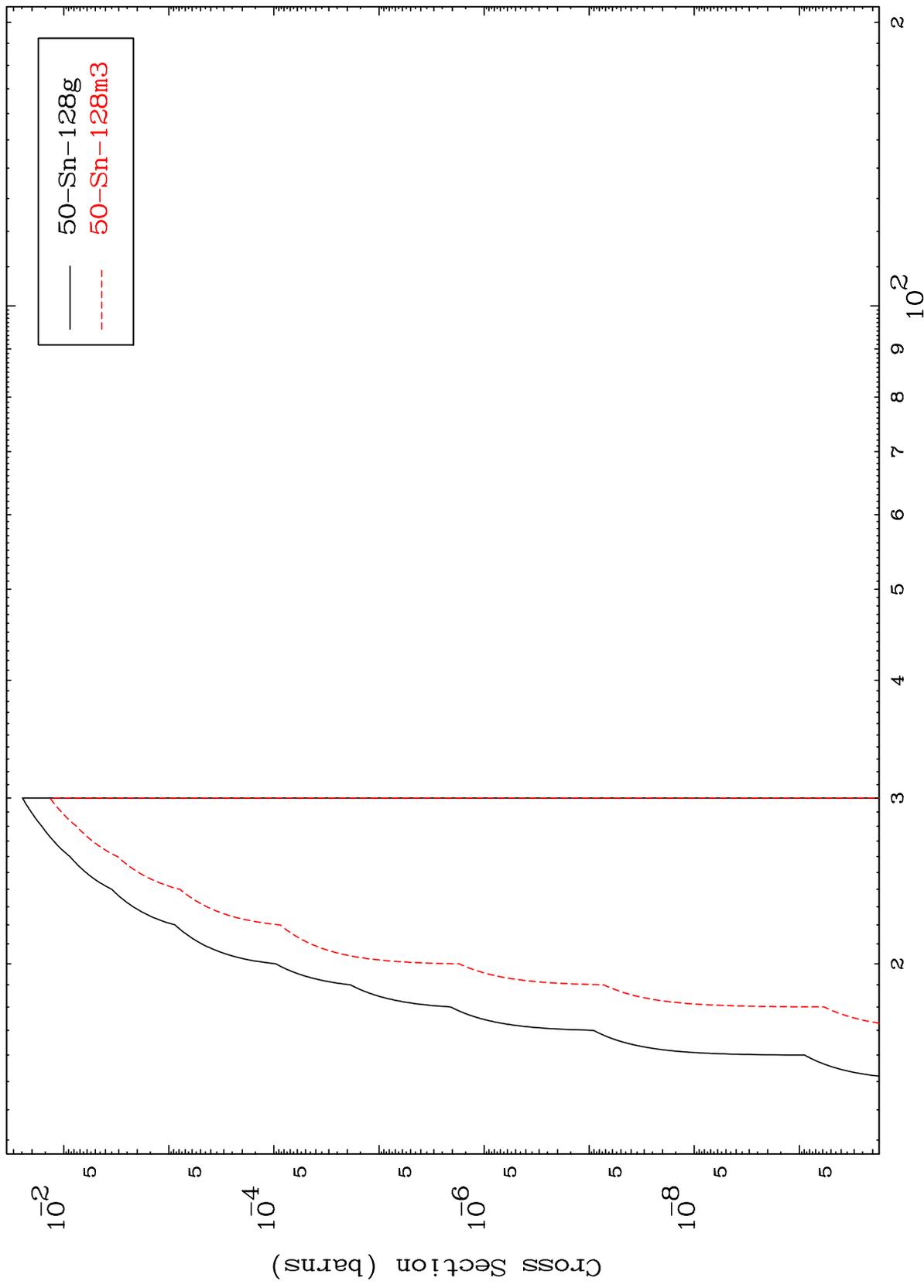
49-In-127n

MAT 4969

(n,2n) p

49-In-127n

Radionuclide Production Cross Section



22

Incident Energy (MeV)

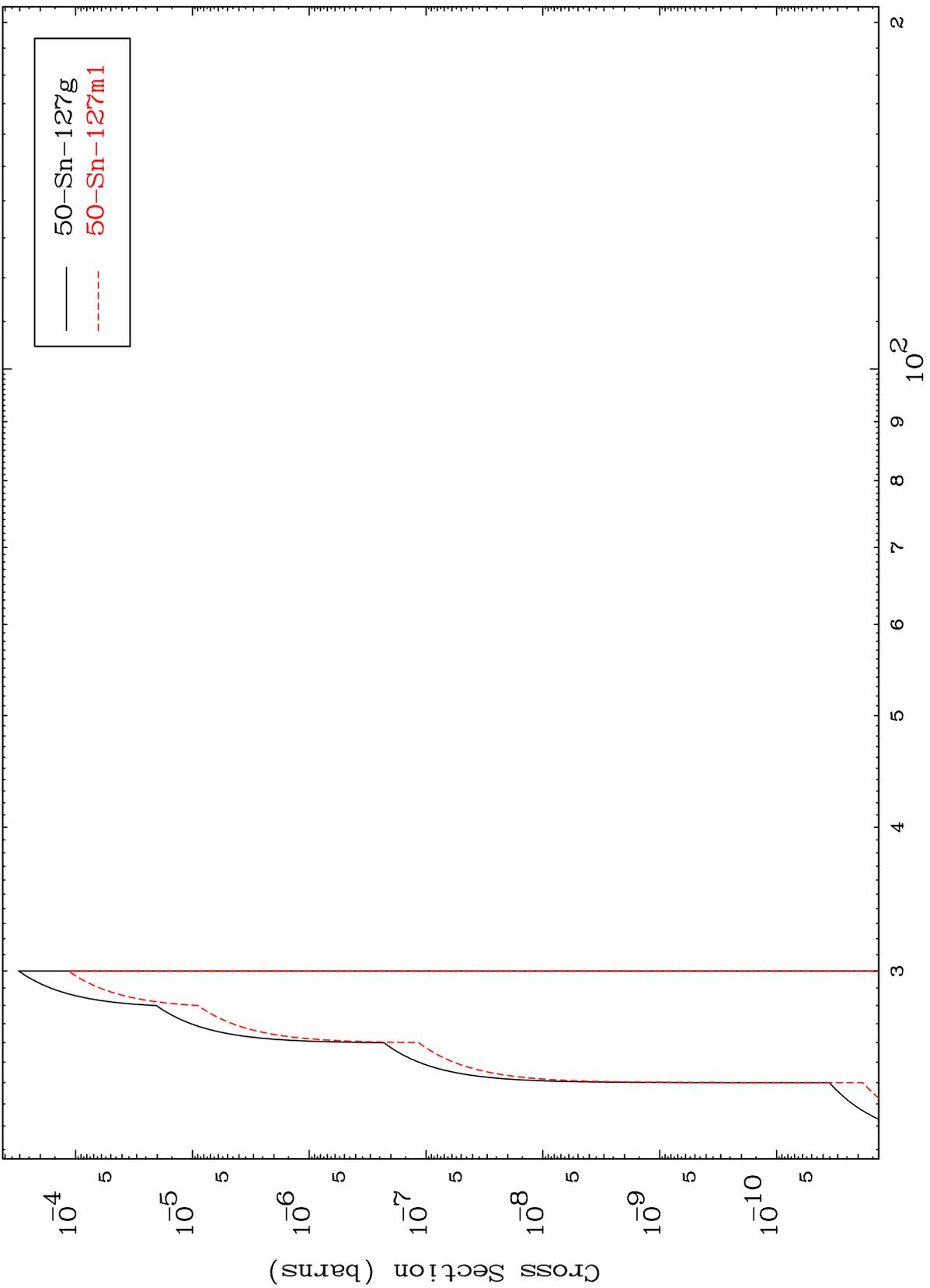
49-In-127n

MAT 4969

(n,3n) p

49-In-127n

Radionuclide Production Cross Section



23

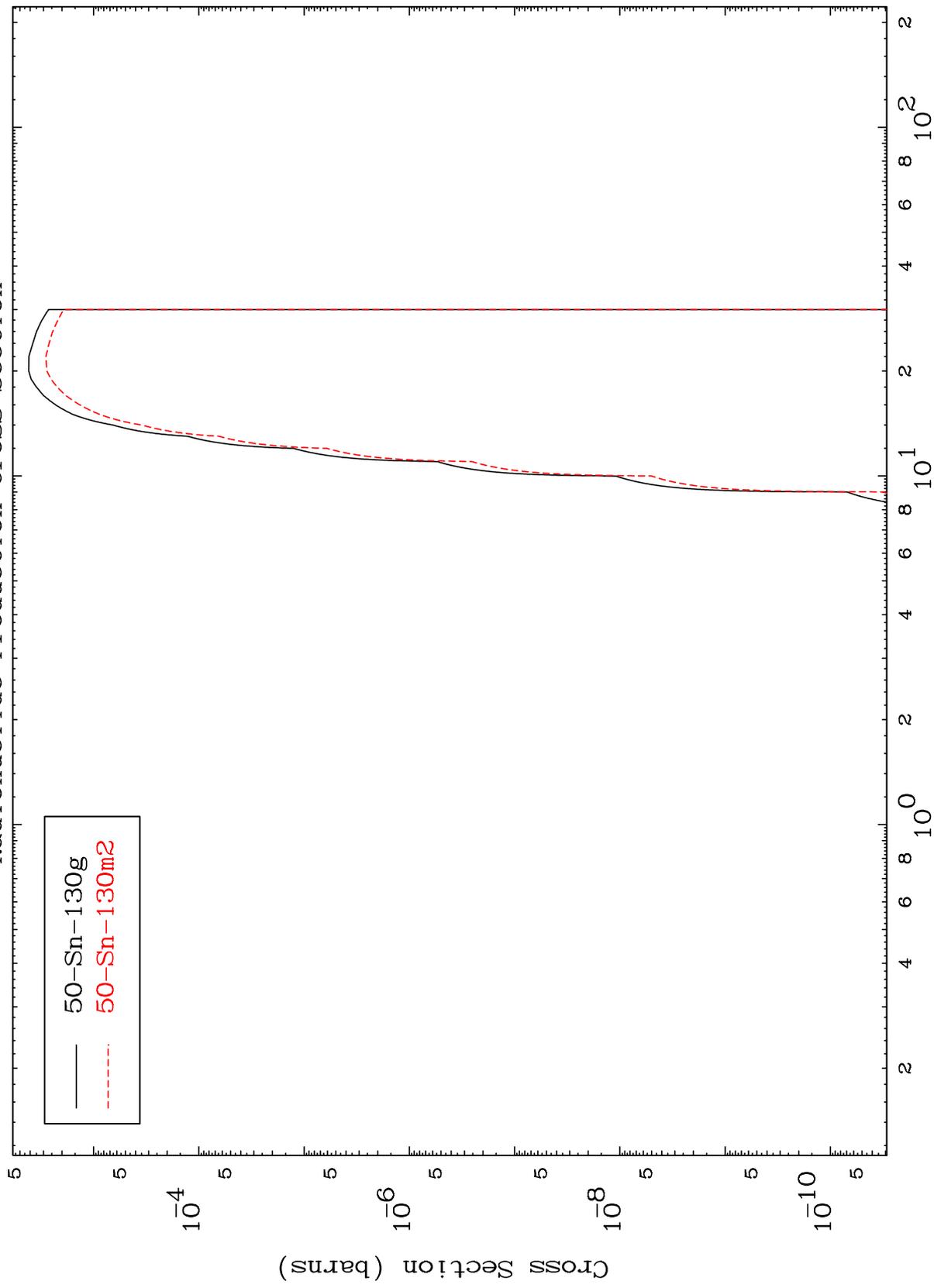
Incident Energy (MeV)

49-In-127n

MAT 4969

$^{49}\text{In-127n}$

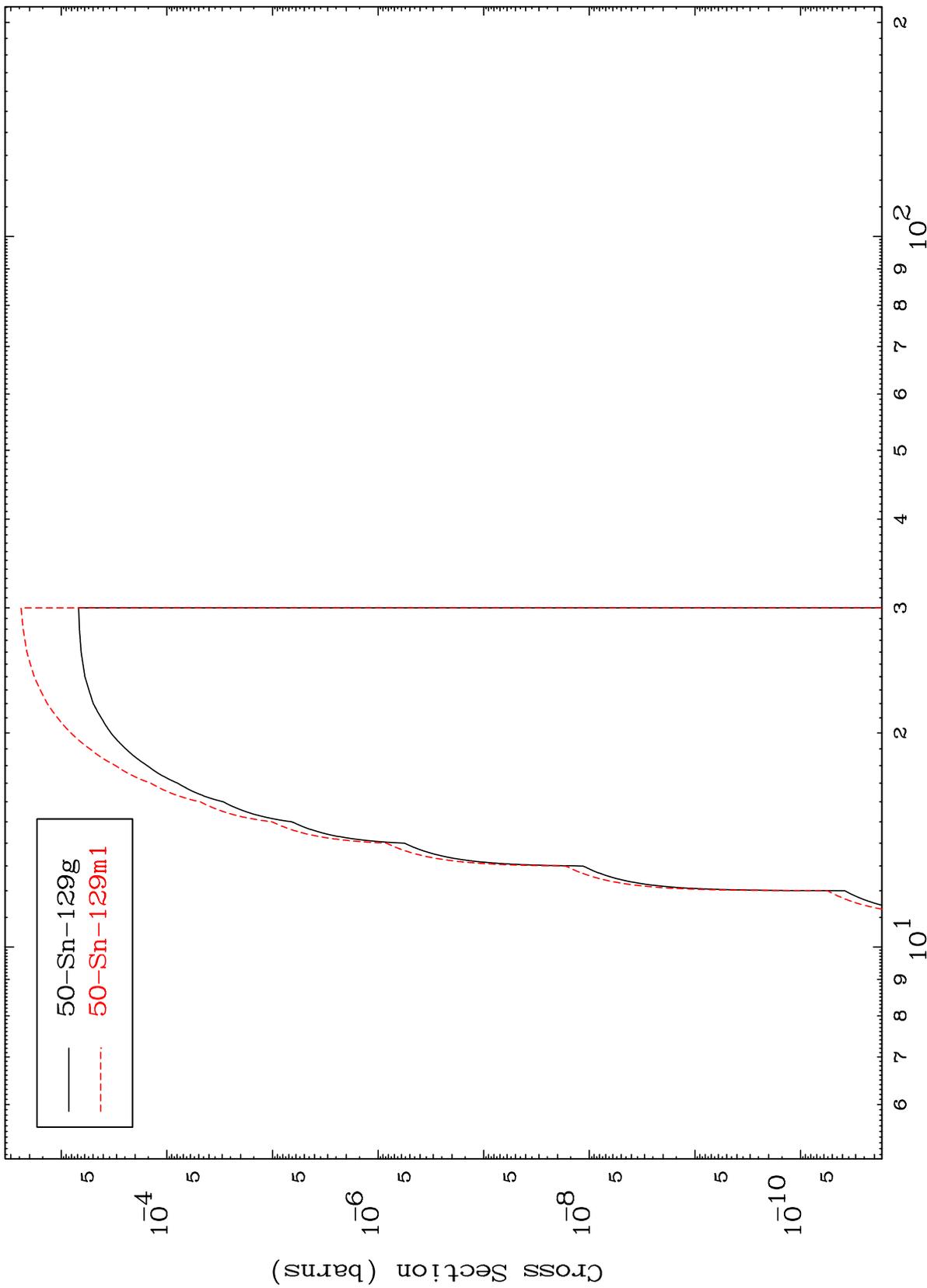
Radionuclide Production Cross Section



MAT 4969

49-In-127n

(n,d)
Radionuclide Production Cross Section



25

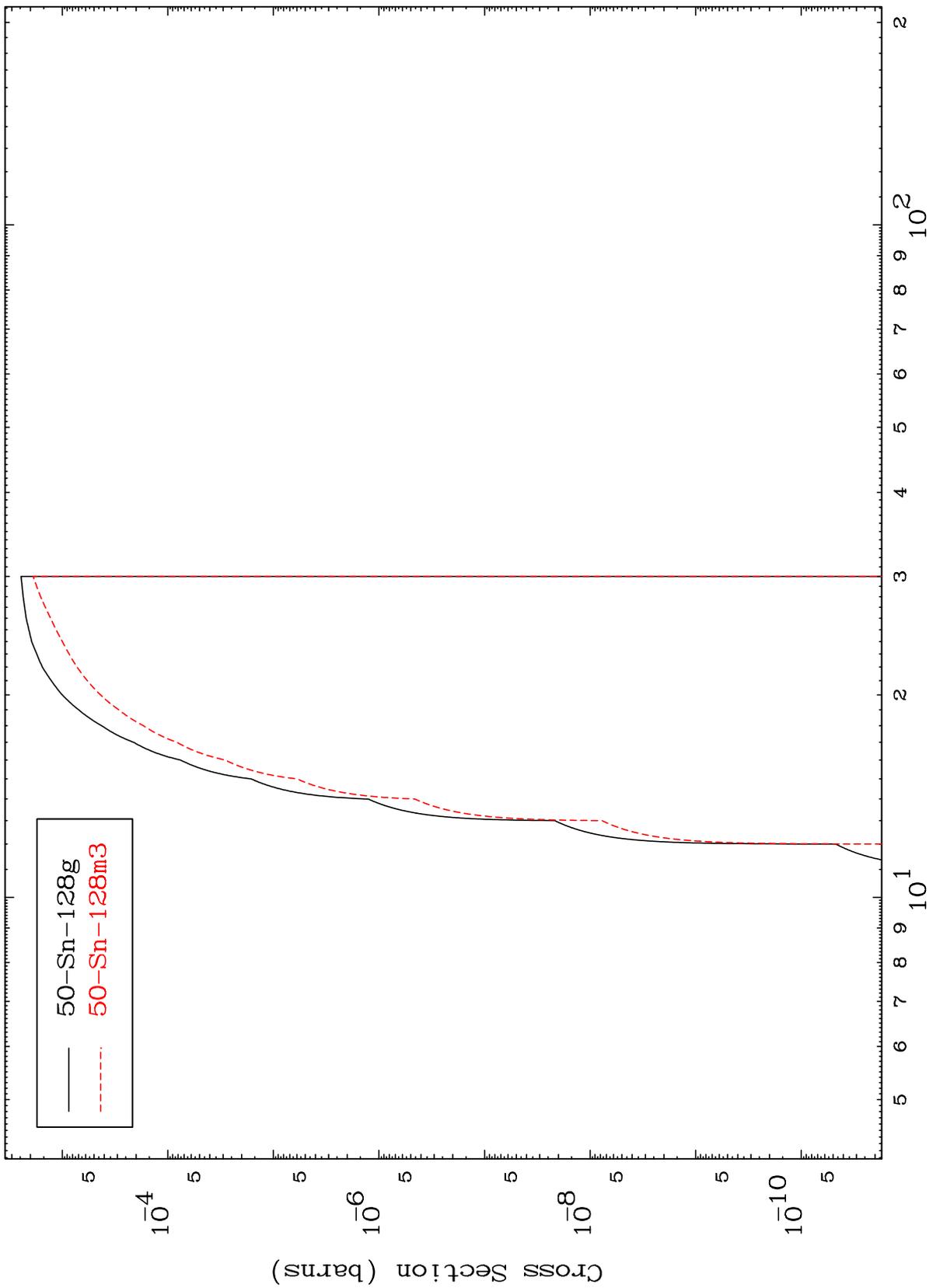
Incident Energy (MeV)

49-In-127n

MAT 4969

$^{49}\text{In-127n}$

Radionuclide Production Cross Section
(n, t)



26

Incident Energy (MeV)

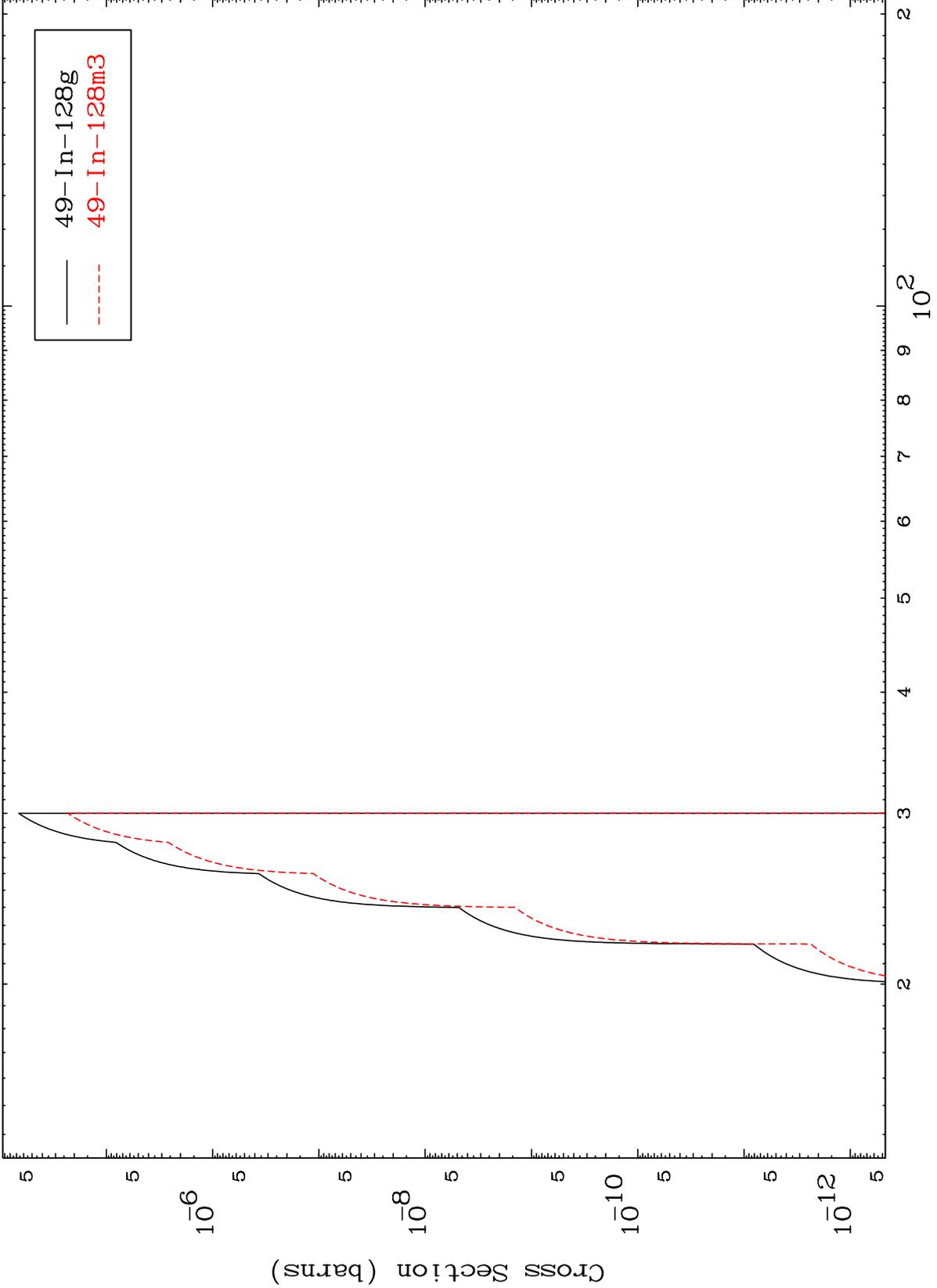
$^{49}\text{In-127n}$

MAT 4969

(n,He-3)

49-In-127n

Radionuclide Production Cross Section

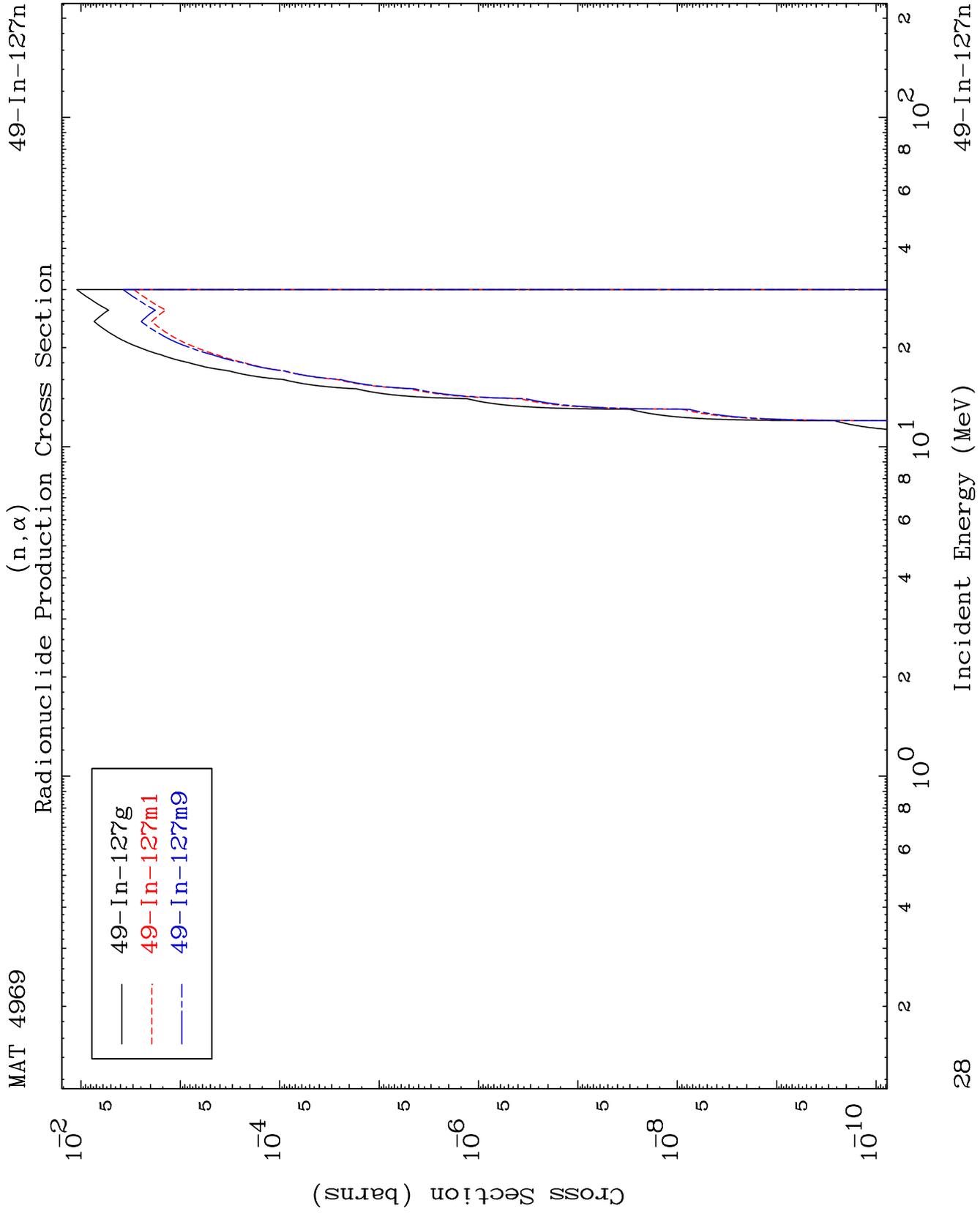


27

Incident Energy (MeV)

49-In-127n

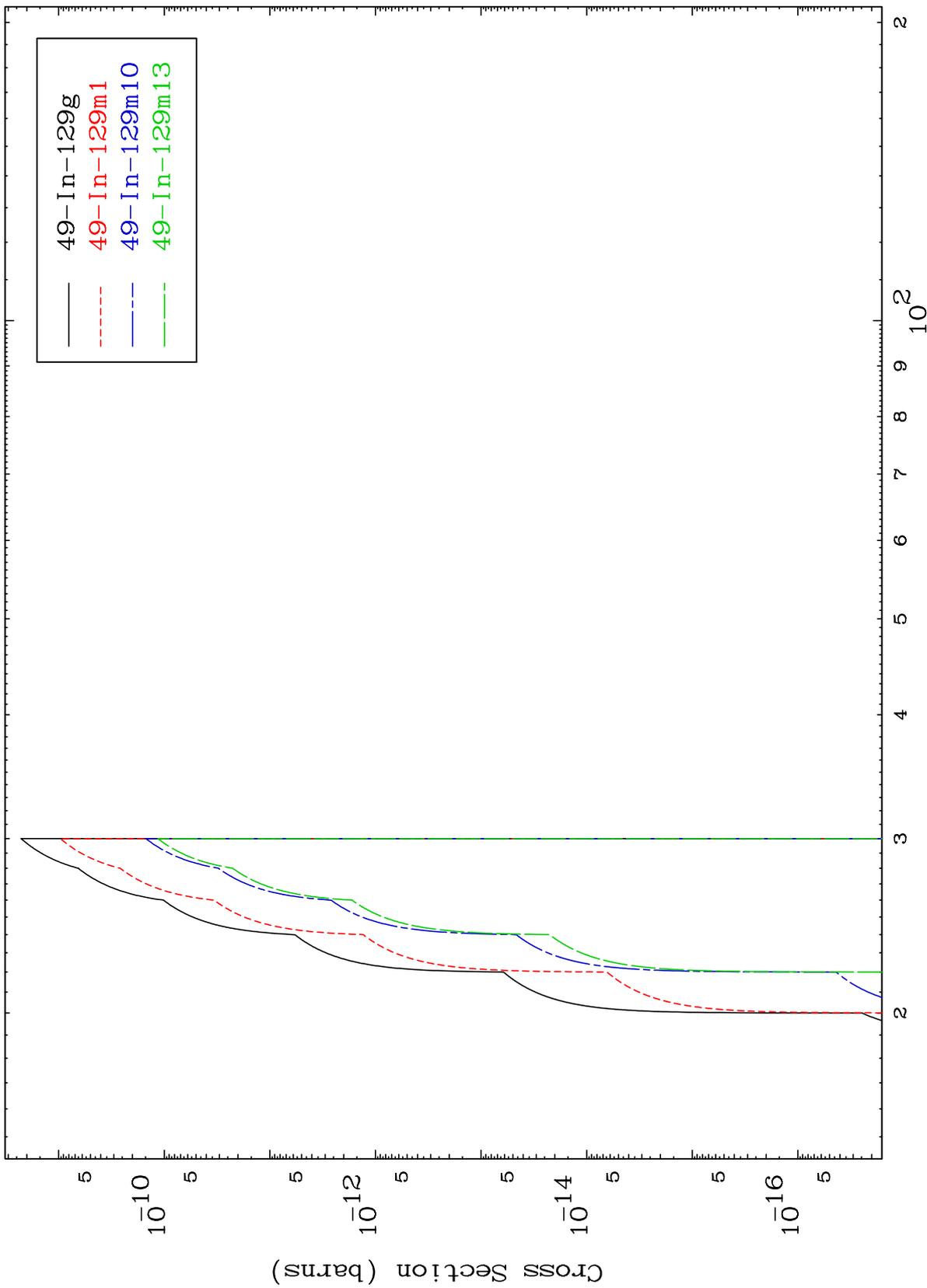
MAT 4969



MAT 4969

49-In-127n

(n,2p)
Radionuclide Production Cross Section



29

49-In-127n

Incident Energy (MeV)