

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

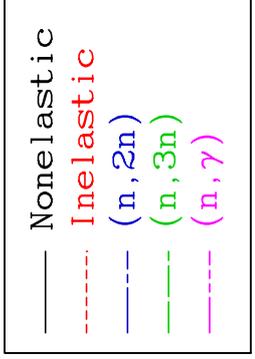
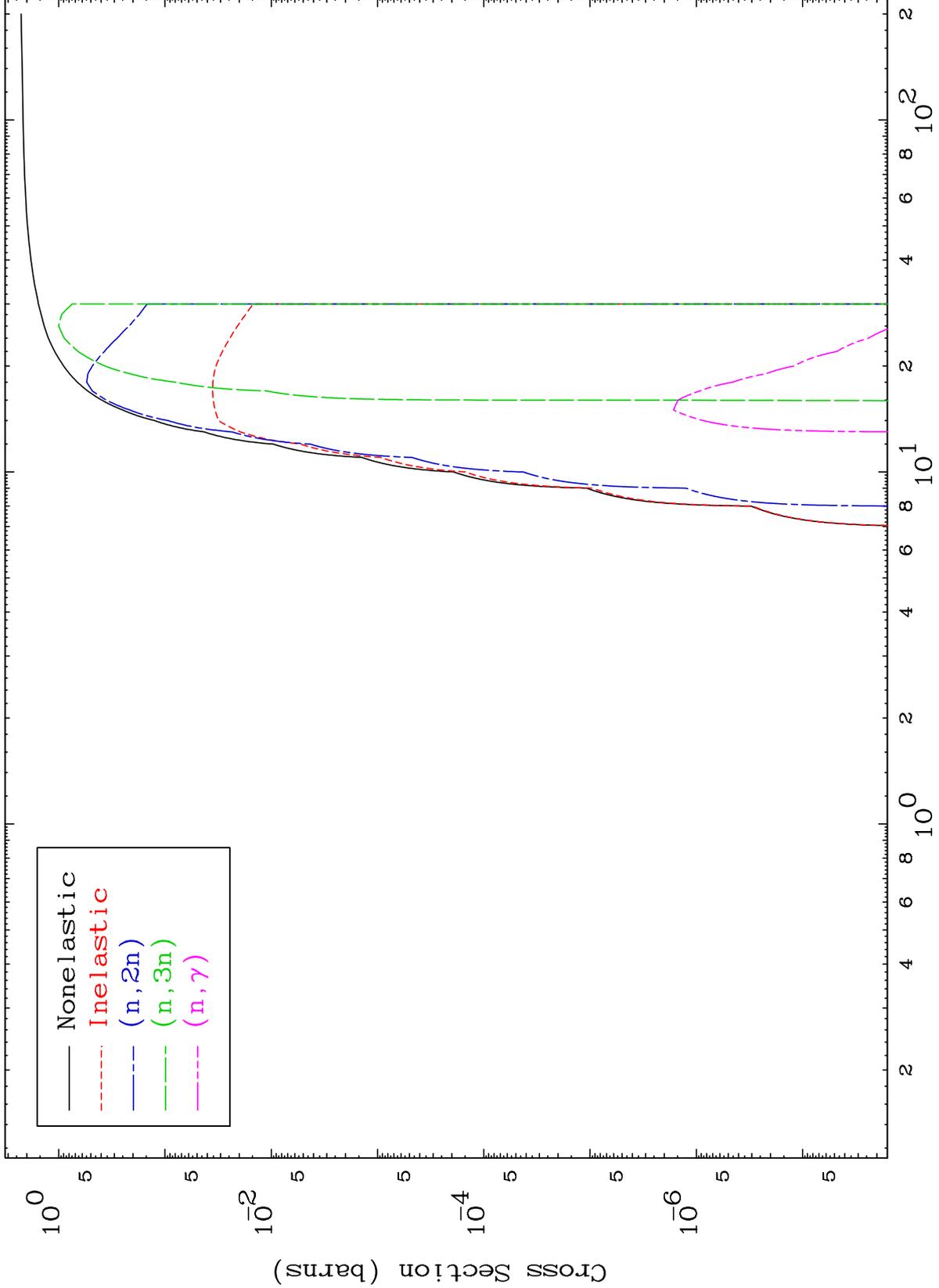
Press Mouse Button to Start

MAT 4962

α Major

49-In-125m

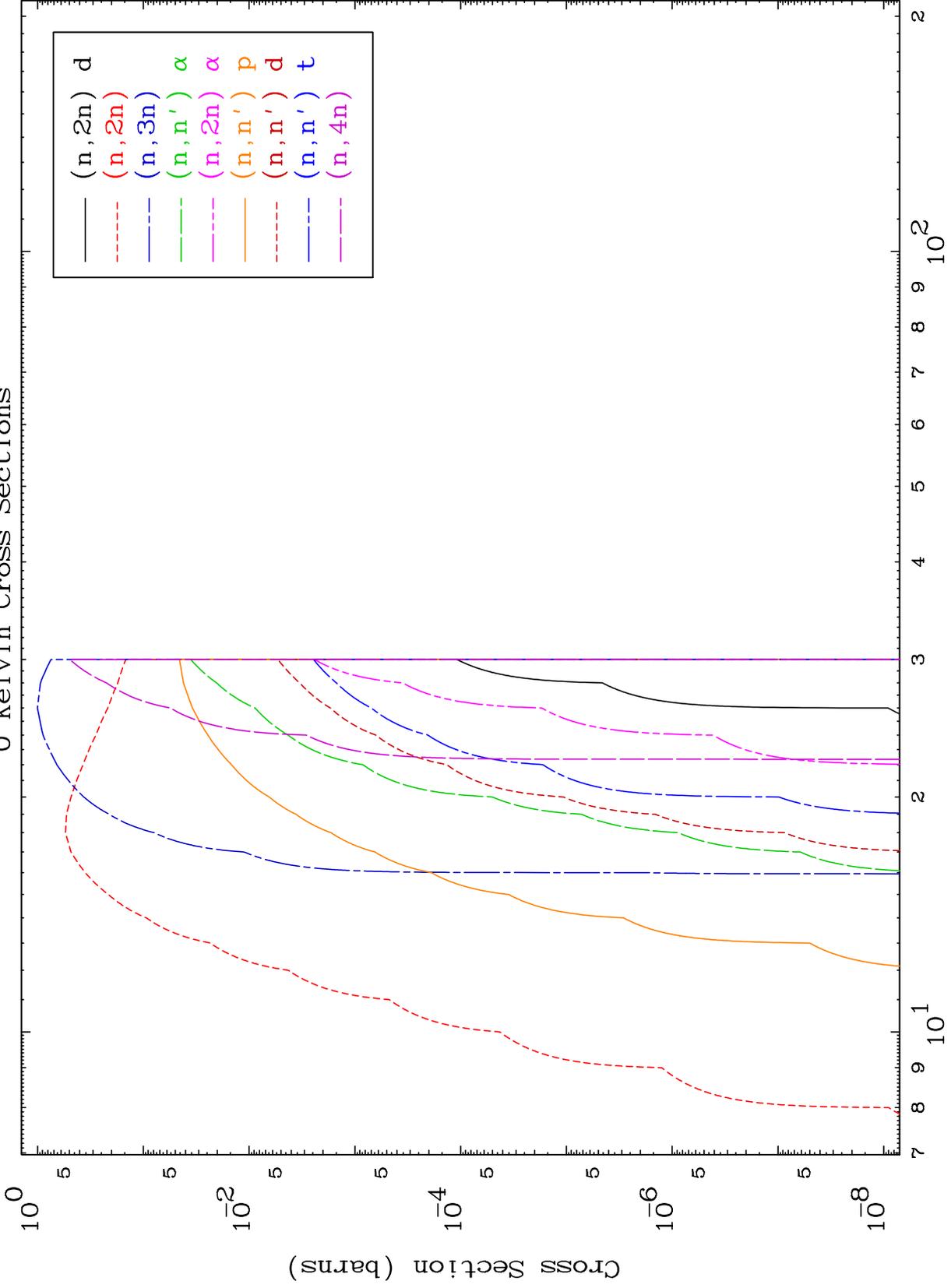
0 Kelvin Cross Sections



MAT 4962

α Neutron Absorption
0 Kelvin Cross Sections

49-In-125m



2

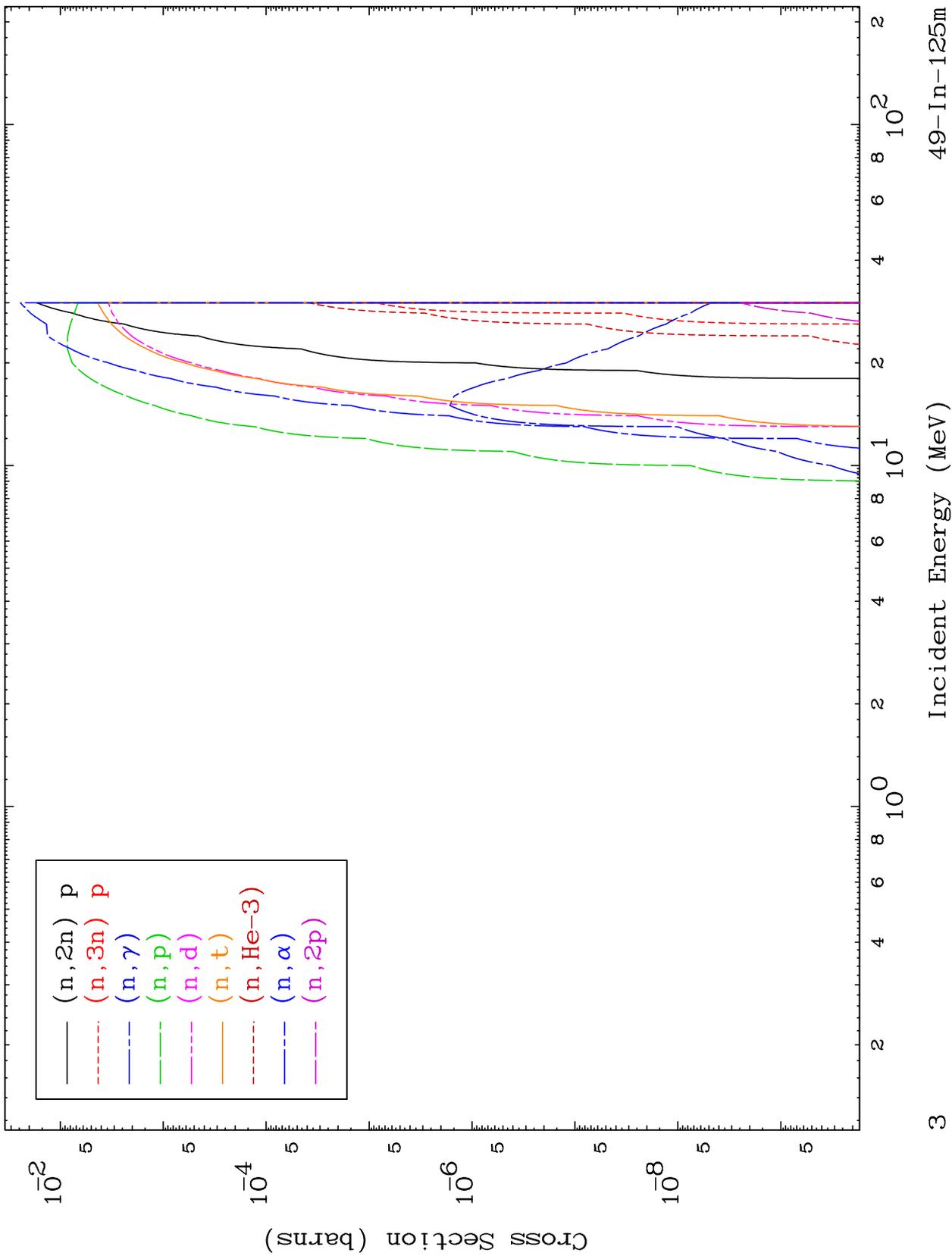
Incident Energy (MeV)

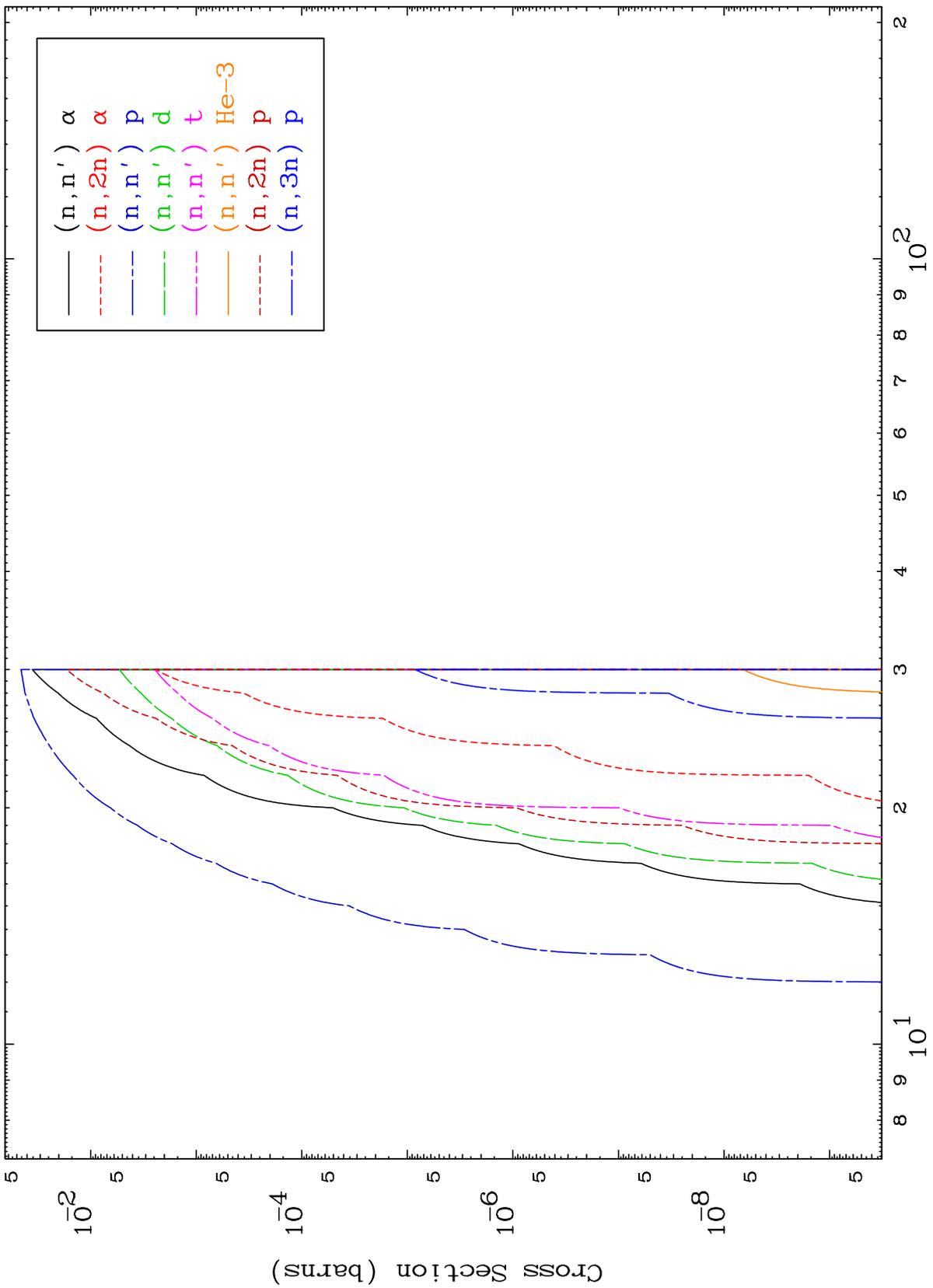
49-In-125m

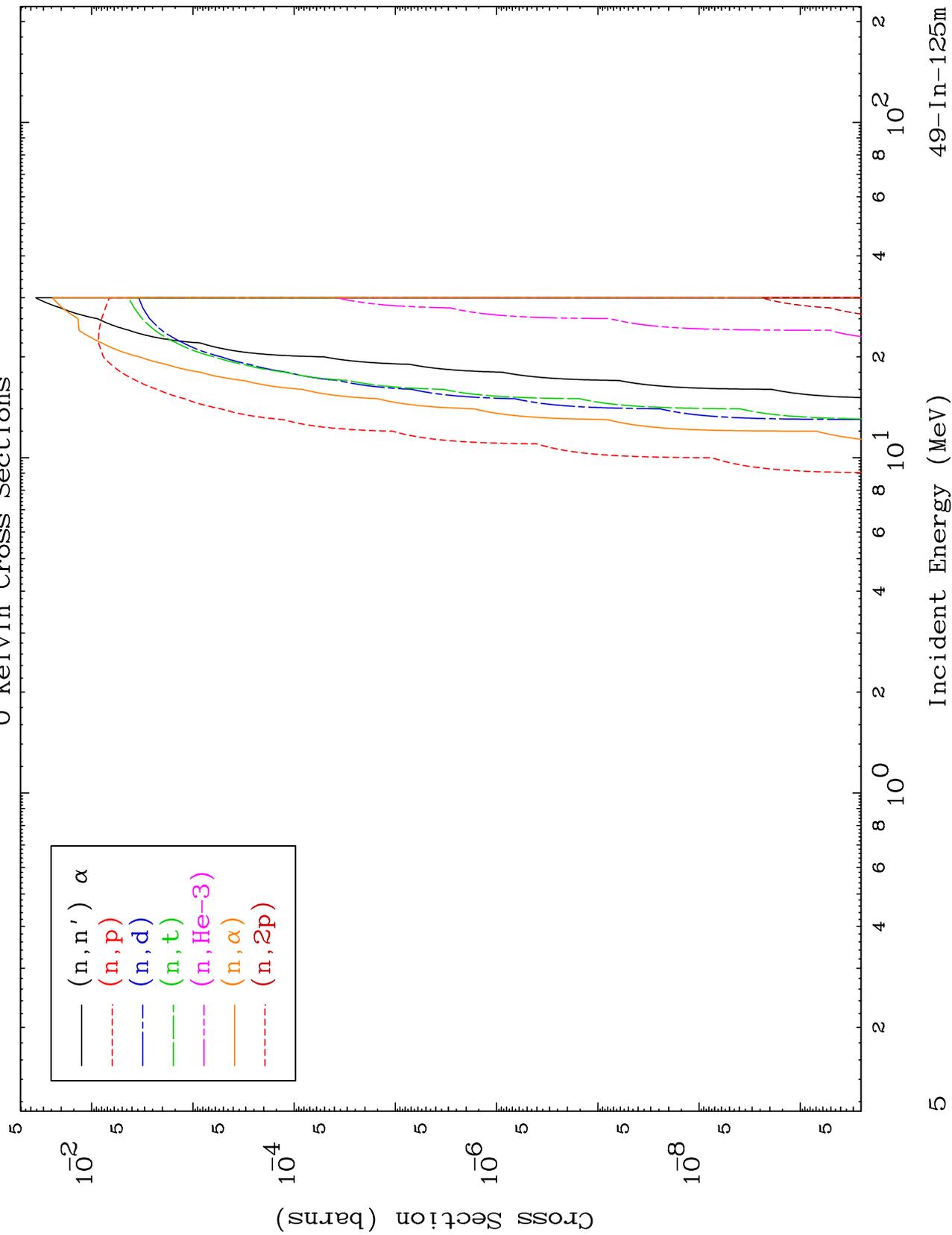
MAT 4962

α Neutron Absorption
0 Kelvin Cross Sections

49-In-125m



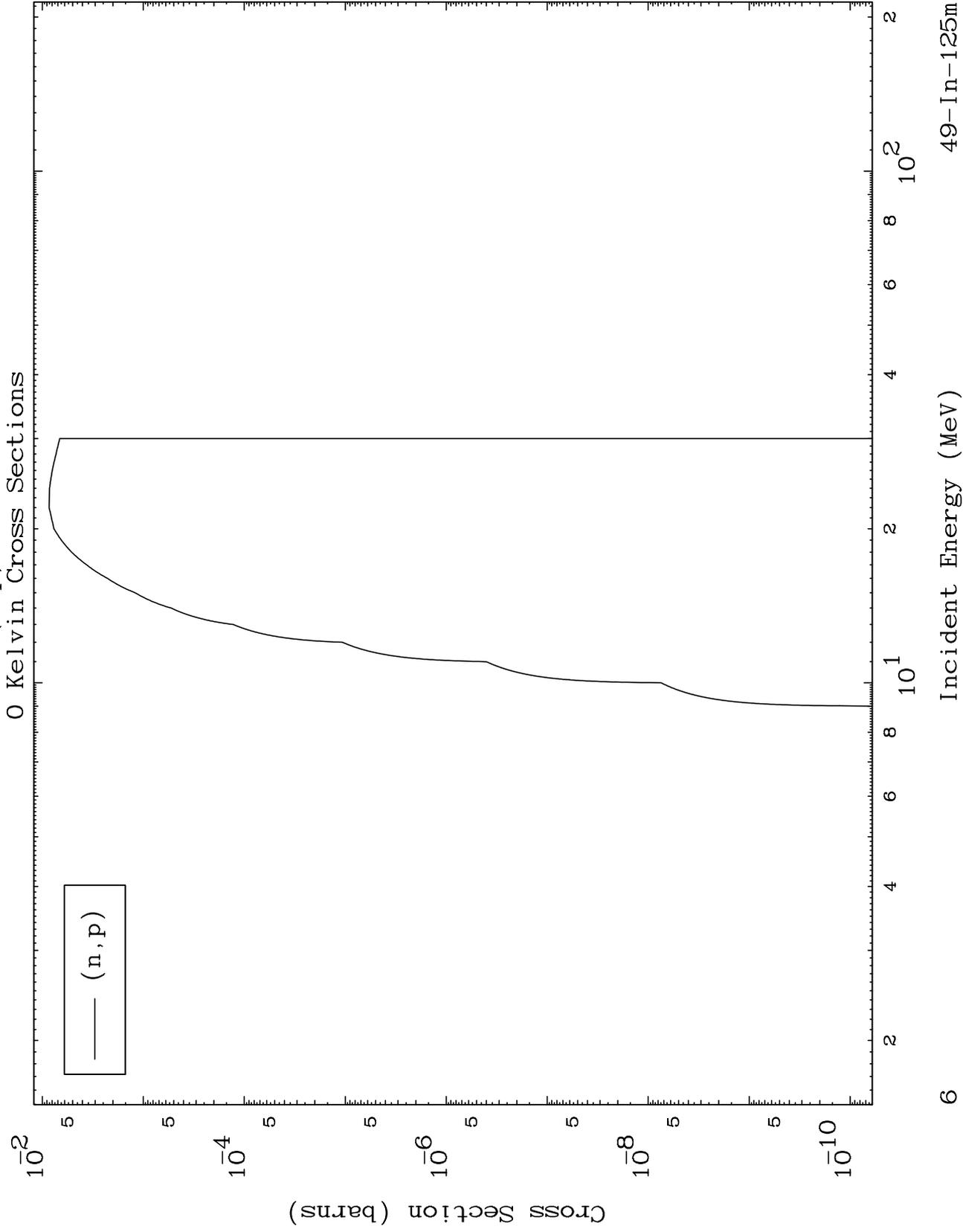




MAT 4962

(α, p) Levels

49-In-125m

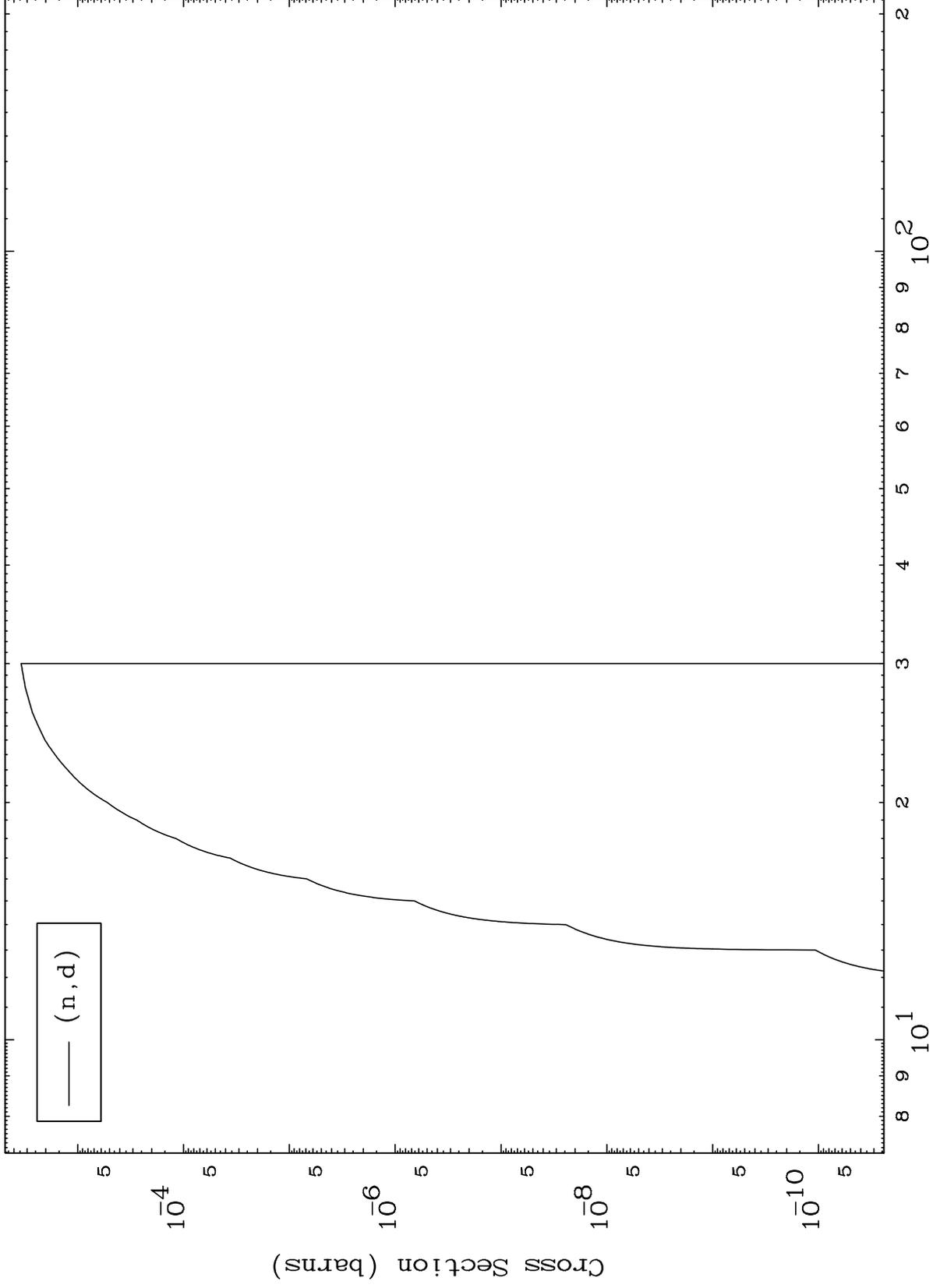


6

MAT 4962

(α, d) Levels
0 Kelvin Cross Sections

49-In-125m



7

Incident Energy (MeV)

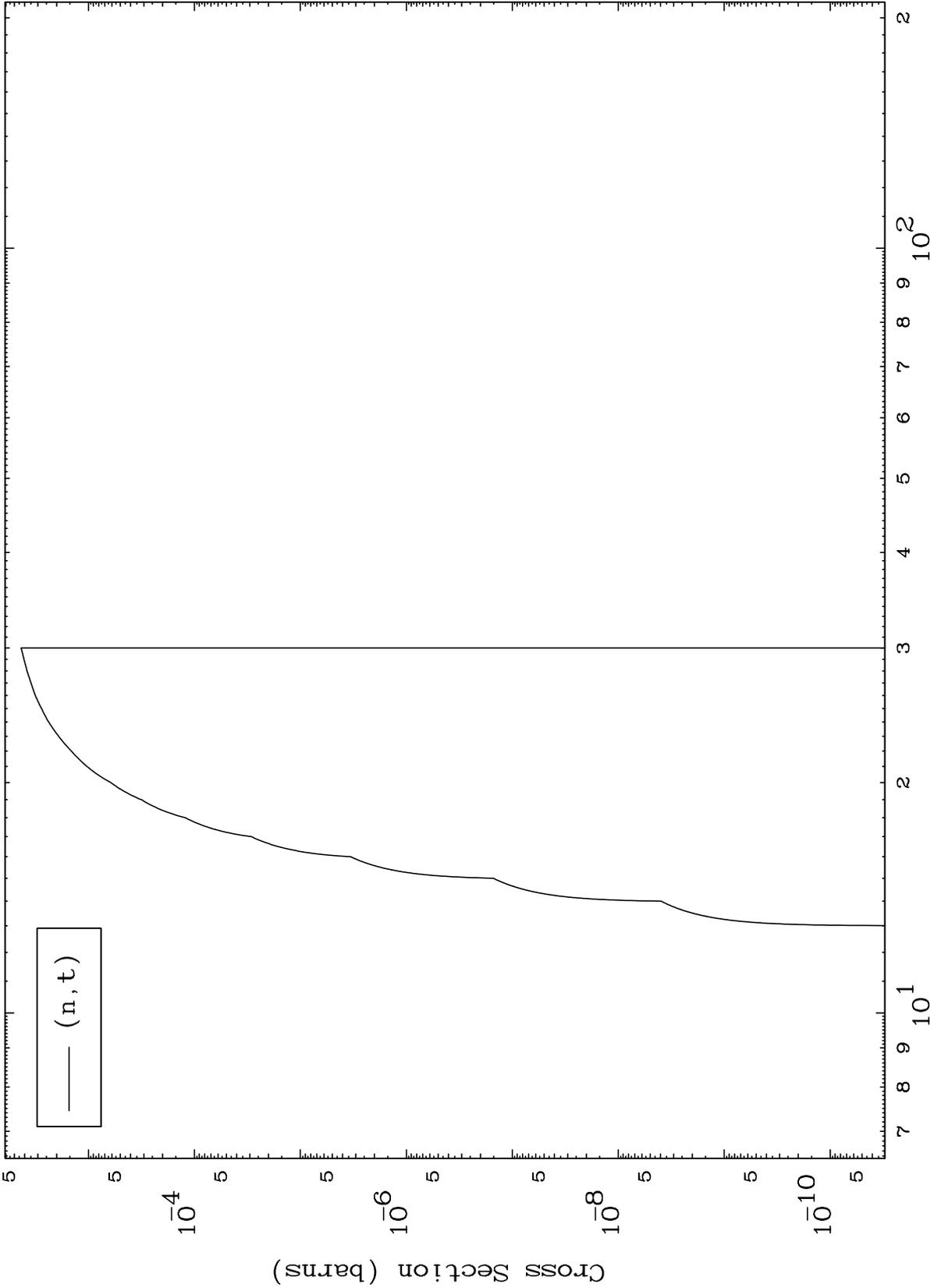
49-In-125m

MAT 4962

(α, t) Levels

49-In-125m

0 Kelvin Cross Sections



8

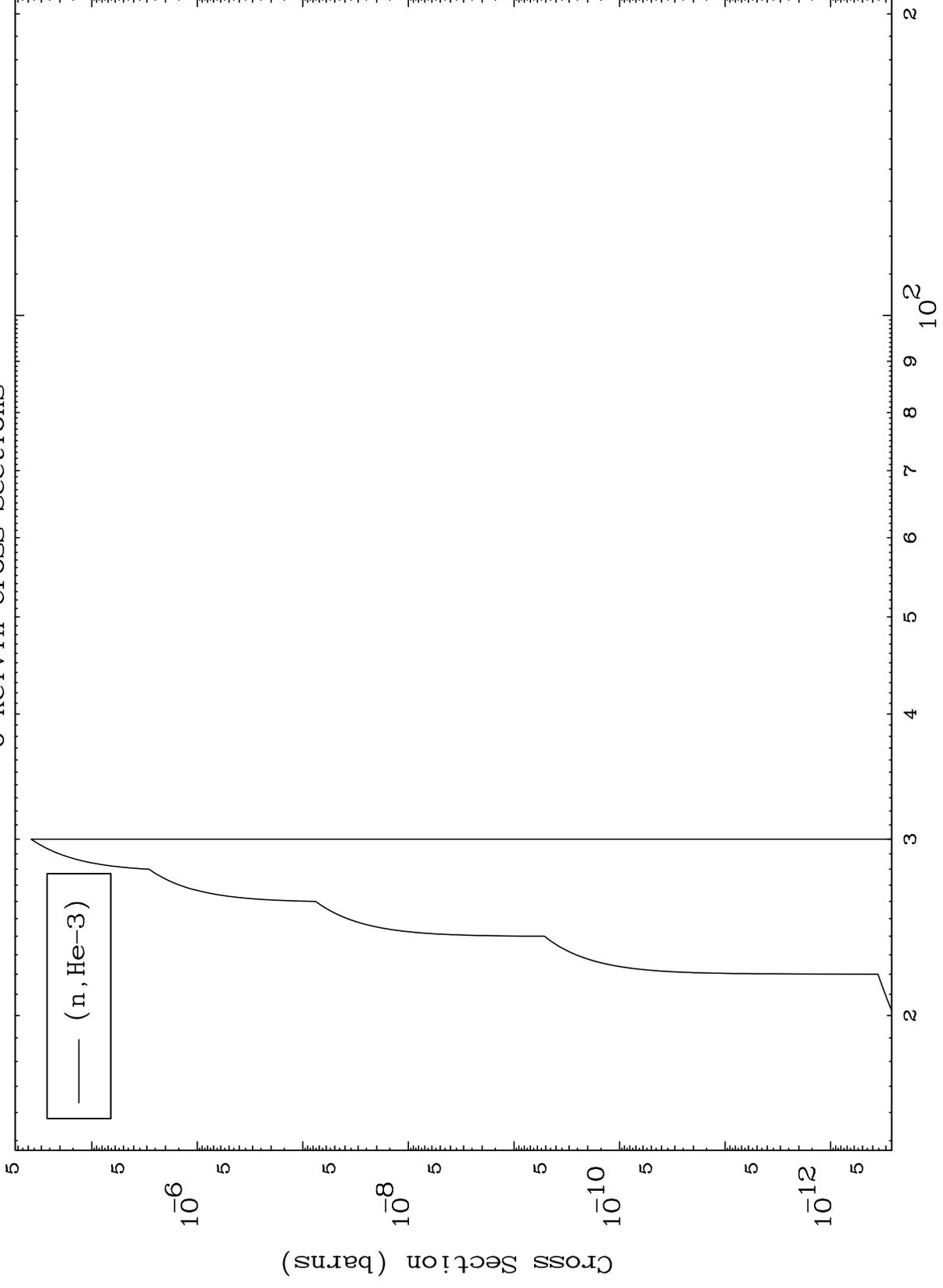
Incident Energy (MeV)

49-In-125m

MAT 4962

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

49-In-125m

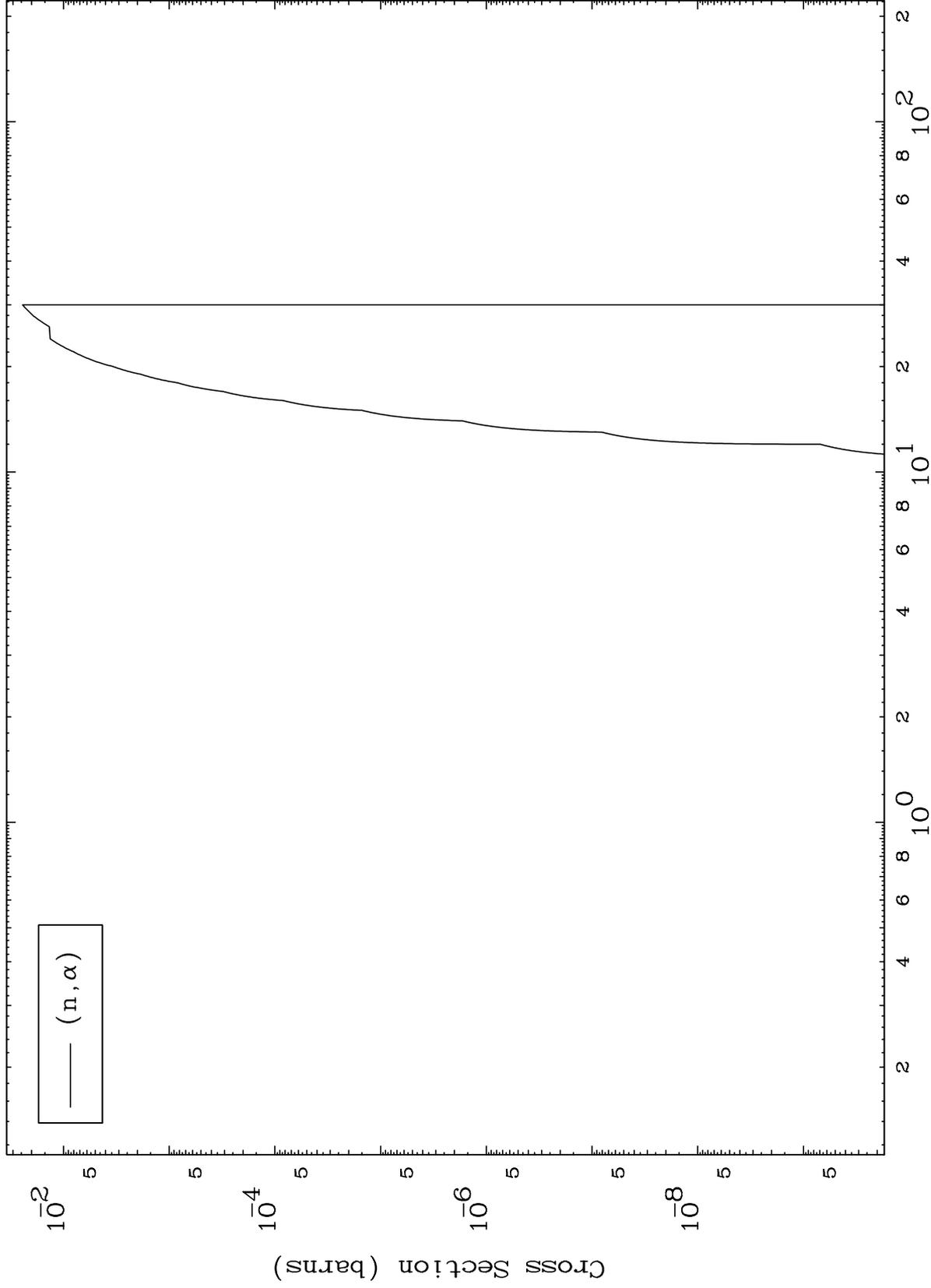


MAT 4962

(α, α) Levels

49-In-125m

0 Kelvin Cross Sections



10

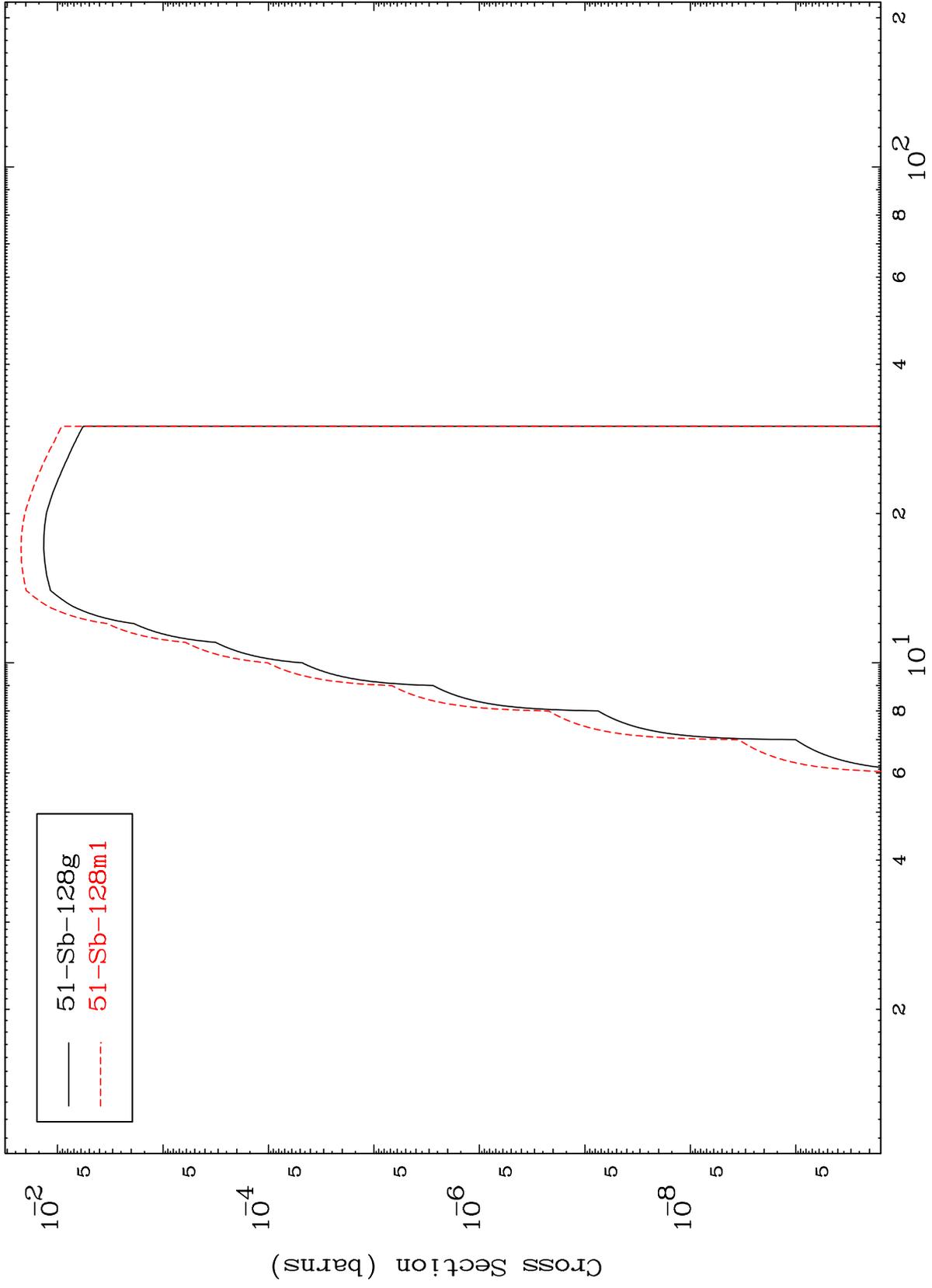
Incident Energy (MeV)

49-In-125m

MAT 4962

49-In-125m

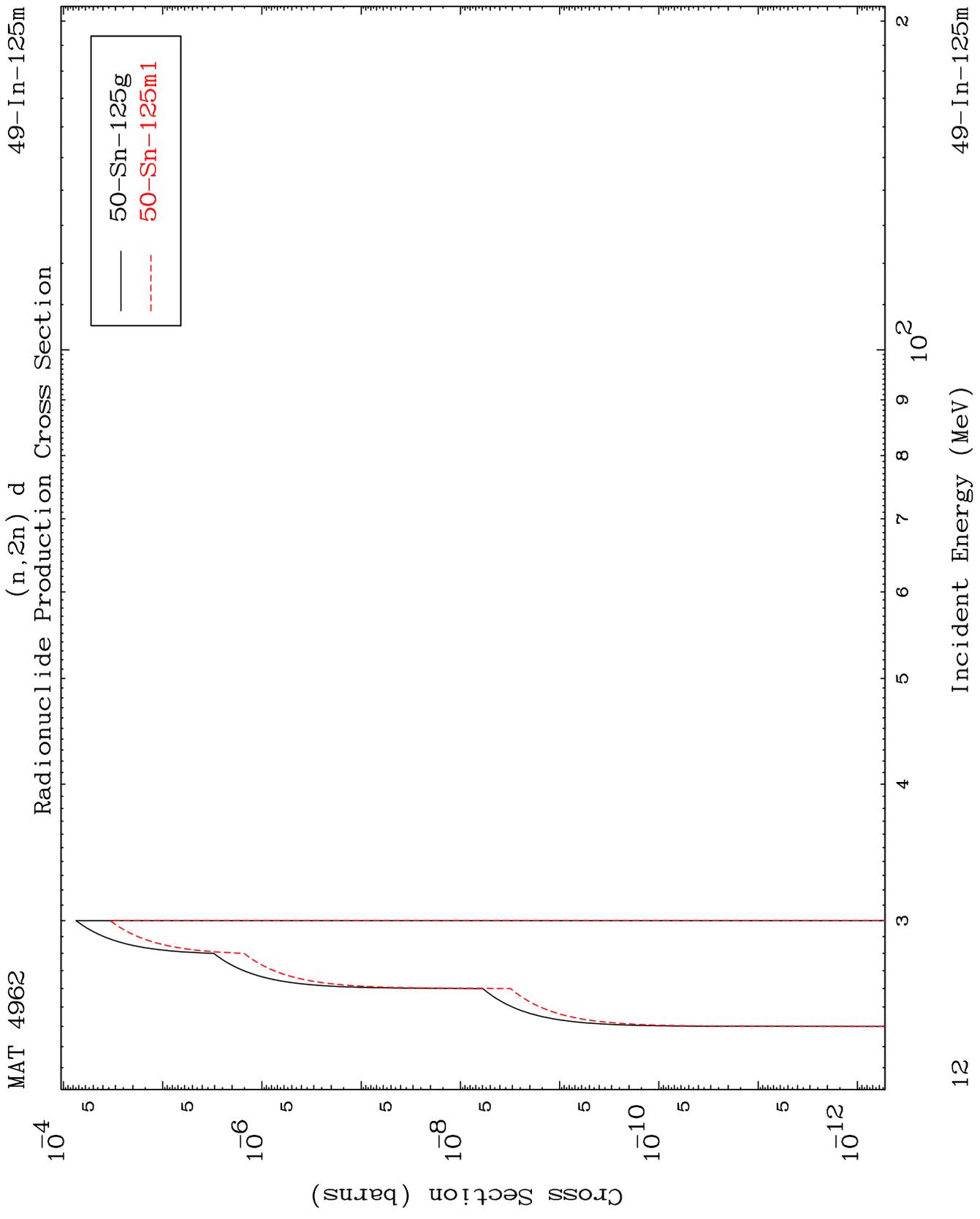
Inelastic
Radionuclide Production Cross Section



— 51-Sb-128g
- - - 51-Sb-128m1

49-In-125m

Incident Energy (MeV)

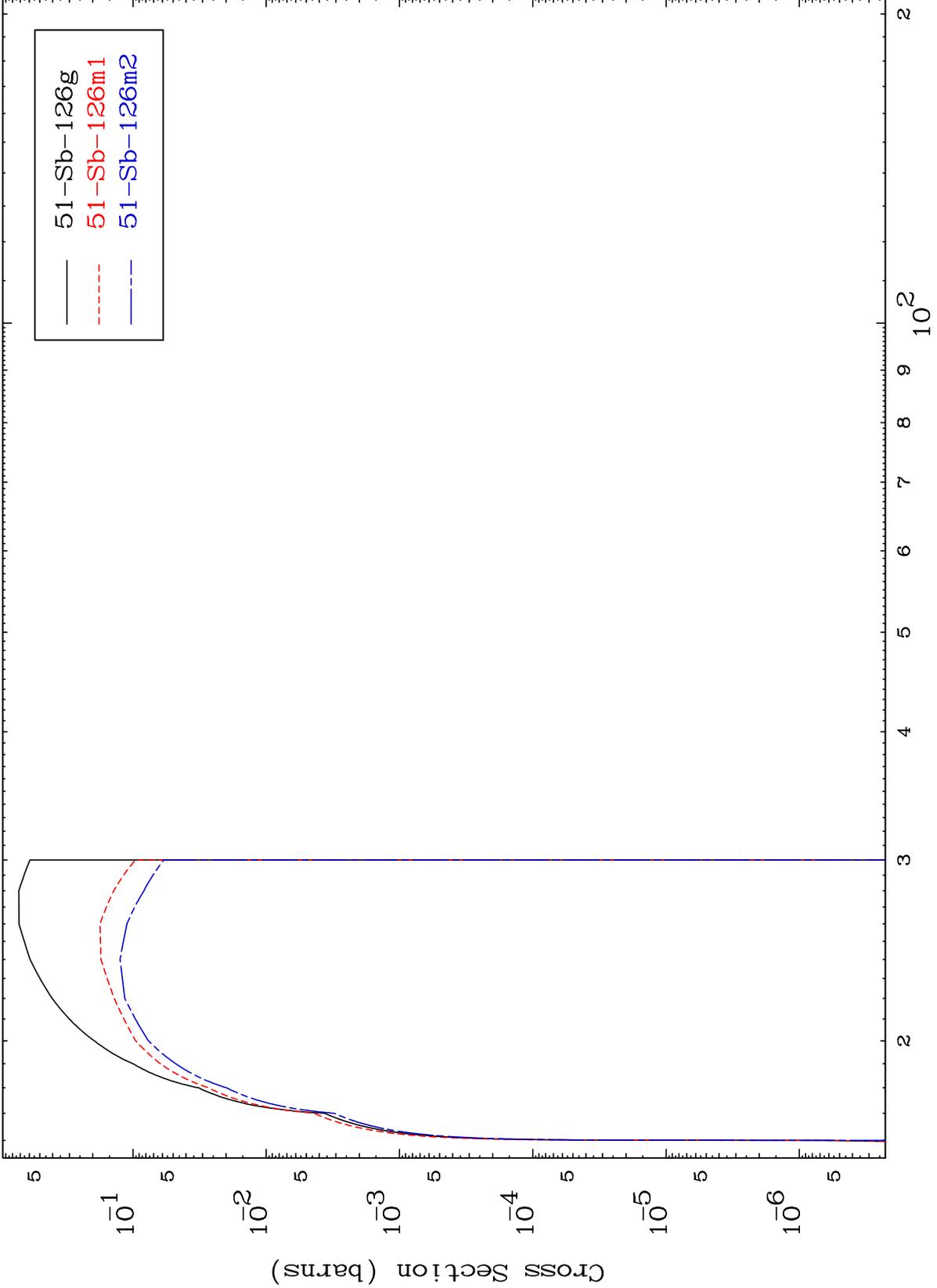


MAT 4962

(n,3n)

49-In-125m

Radionuclide Production Cross Section

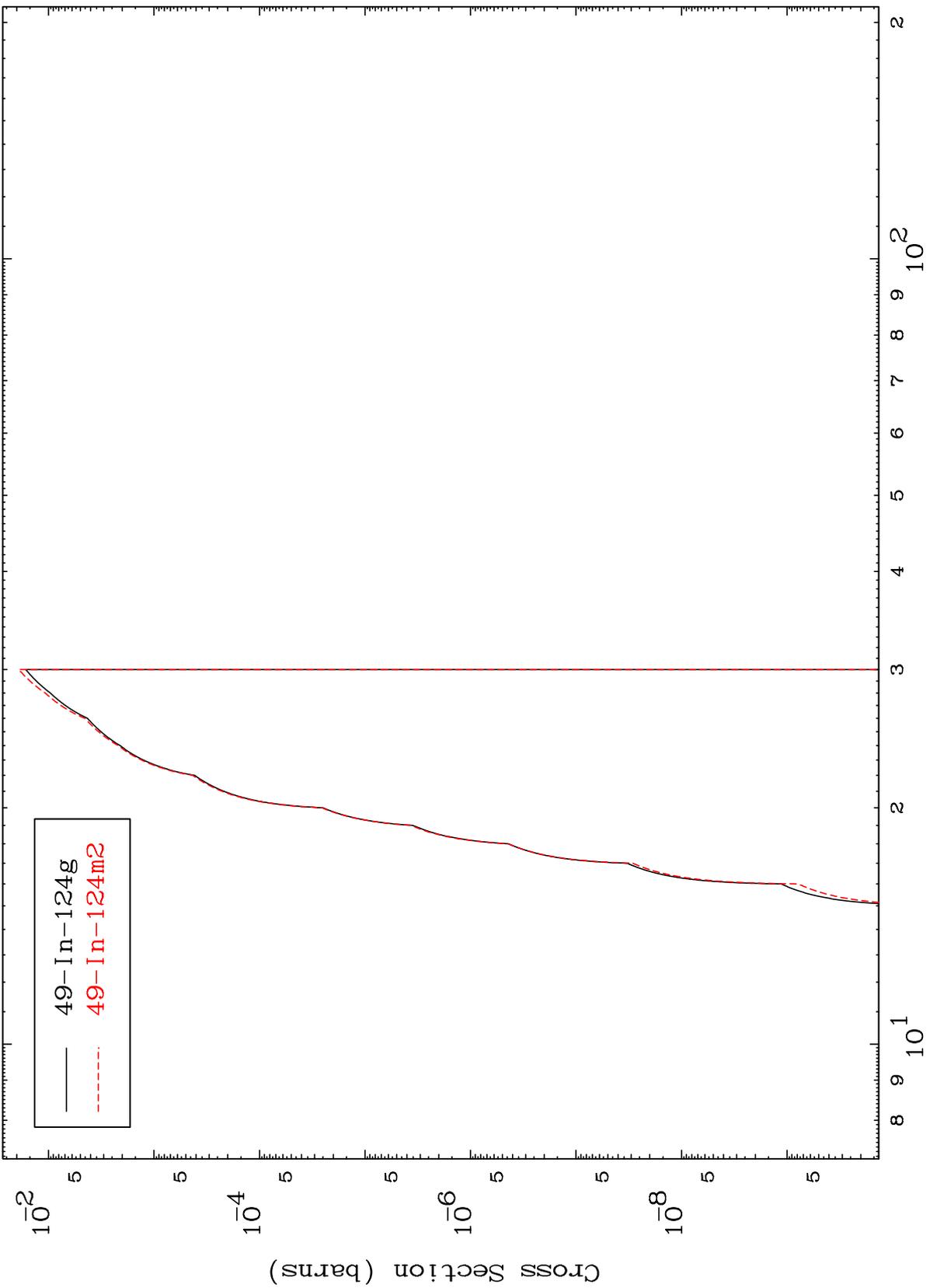


MAT 4962

(n,n') α

49-In-125m

Radionuclide Production Cross Section



Legend:
— 49-In-124g
- - - 49-In-124m2

14

Incident Energy (MeV)

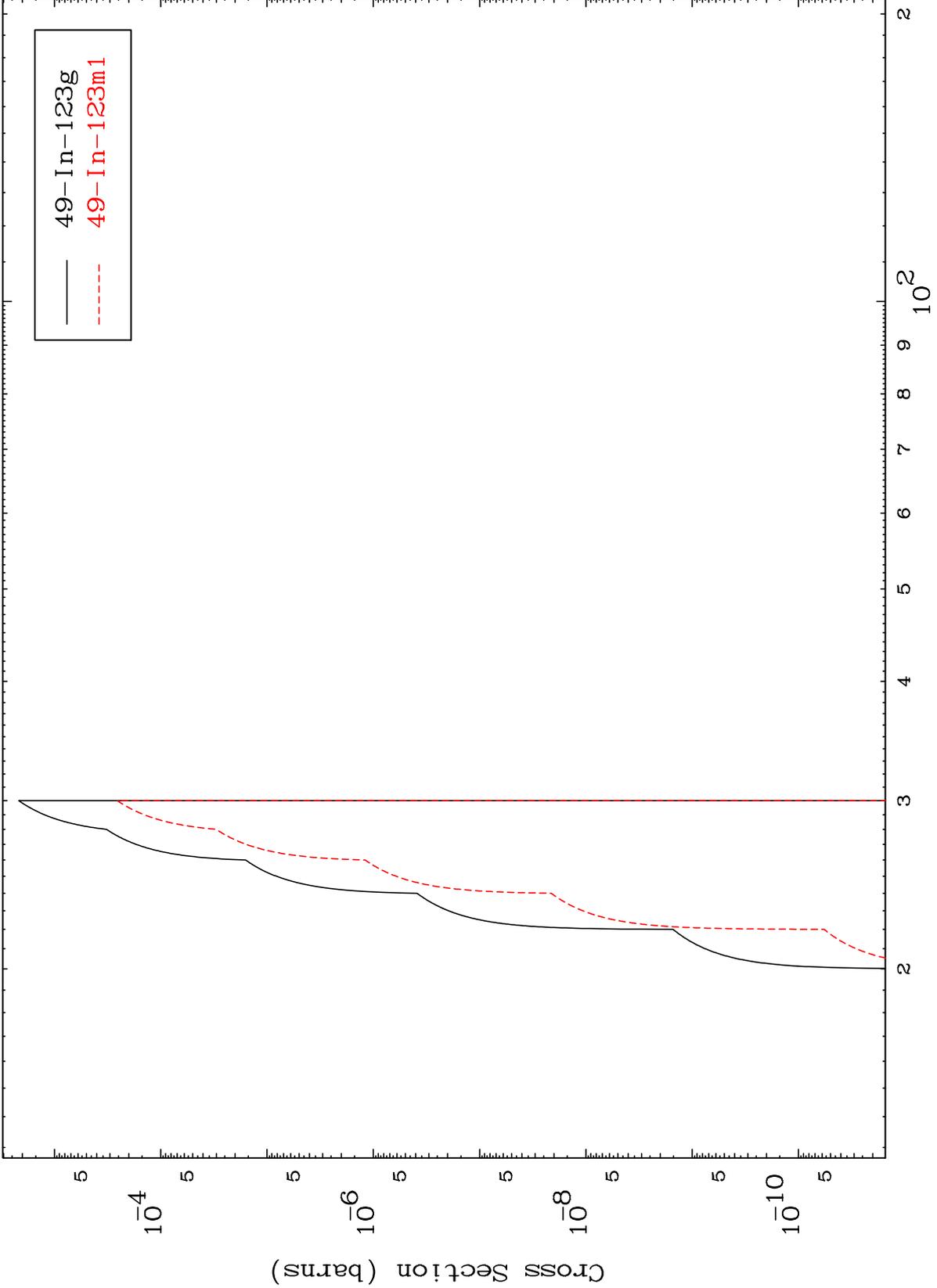
49-In-125m

MAT 4962

(n,2n) α

49-In-125m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

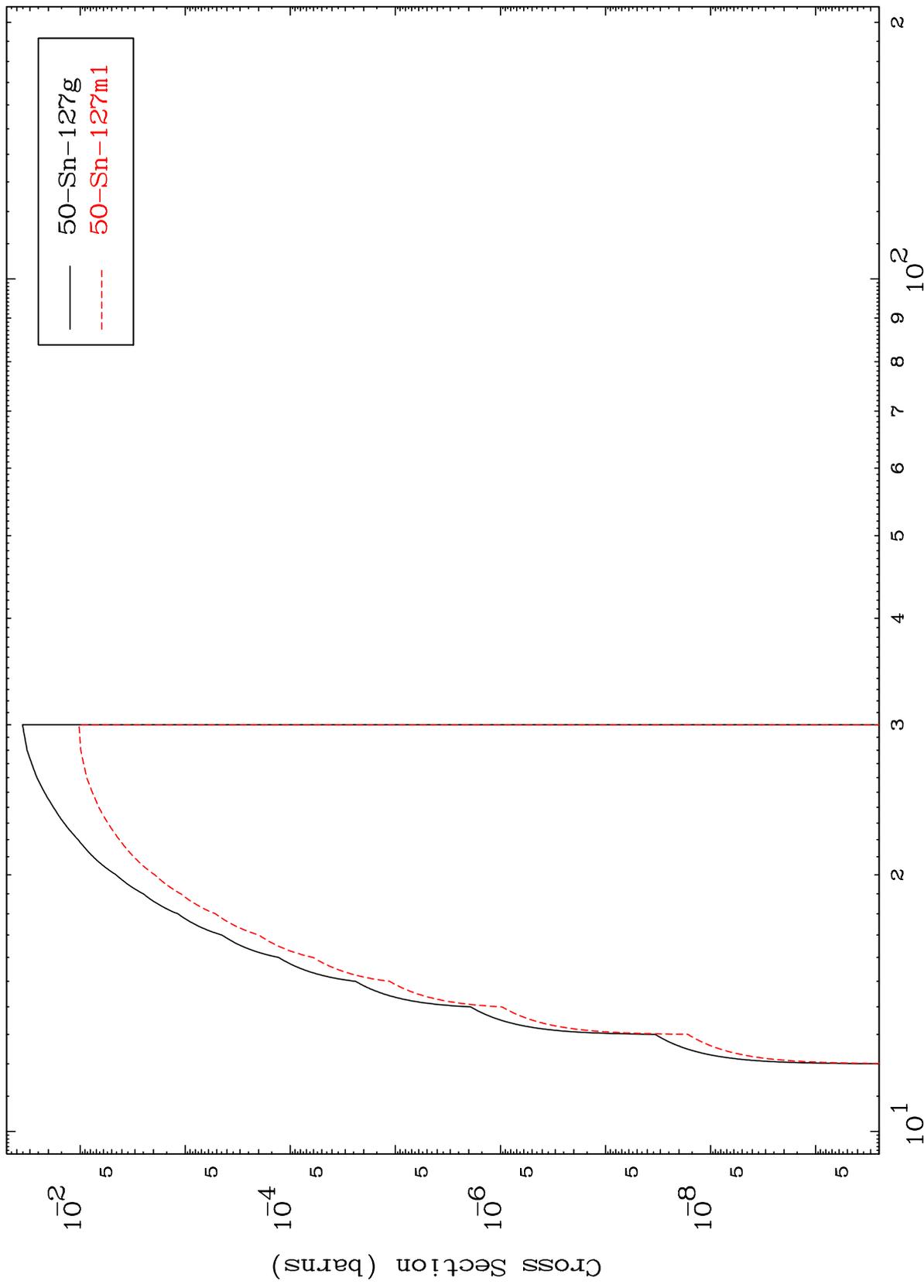
49-In-125m

MAT 4962

(n,n') p

49-In-125m

Radionuclide Production Cross Section



Incident Energy (MeV)

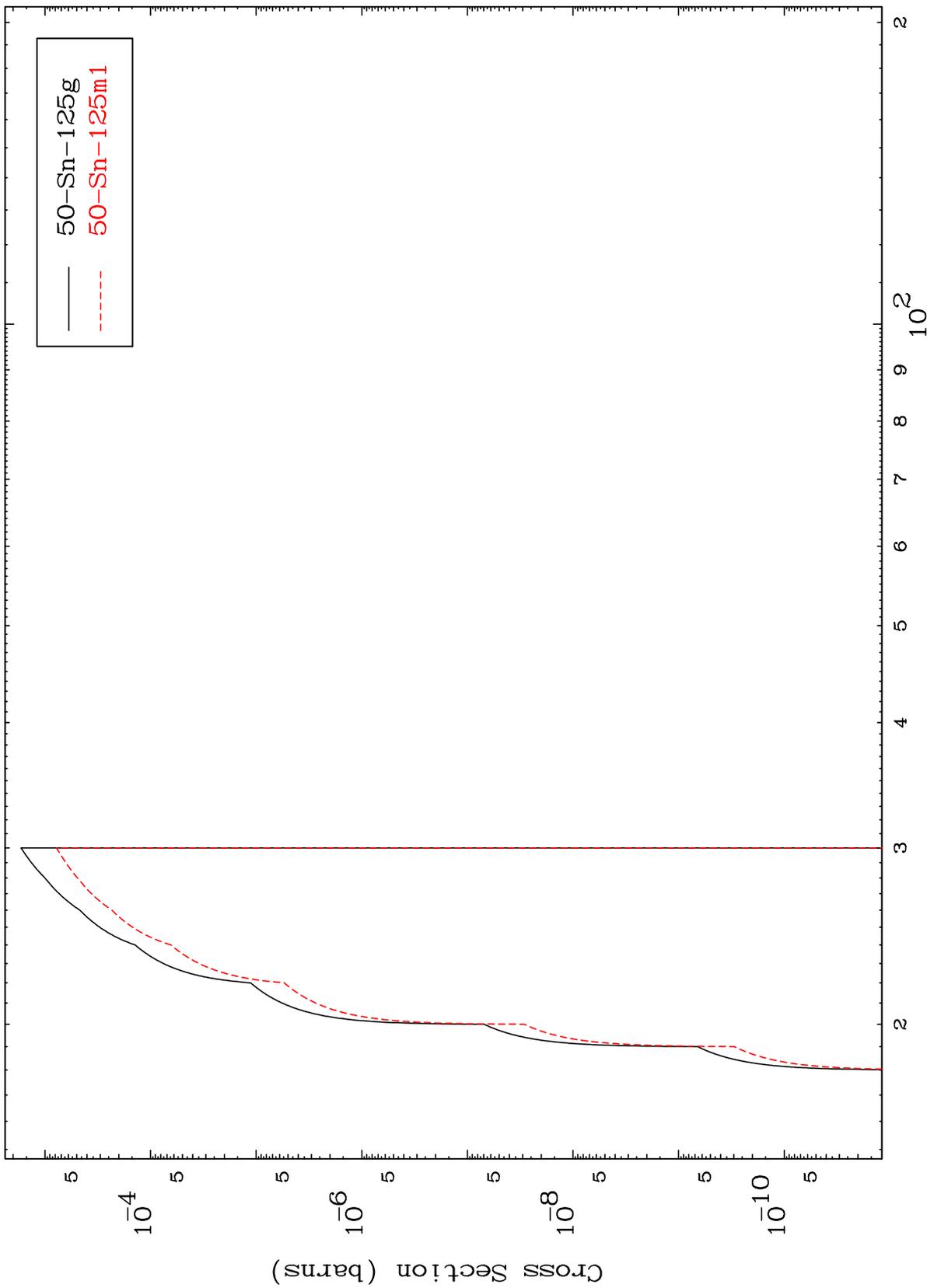
49-In-125m

MAT 4962

(n,n') t

49-In-125m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

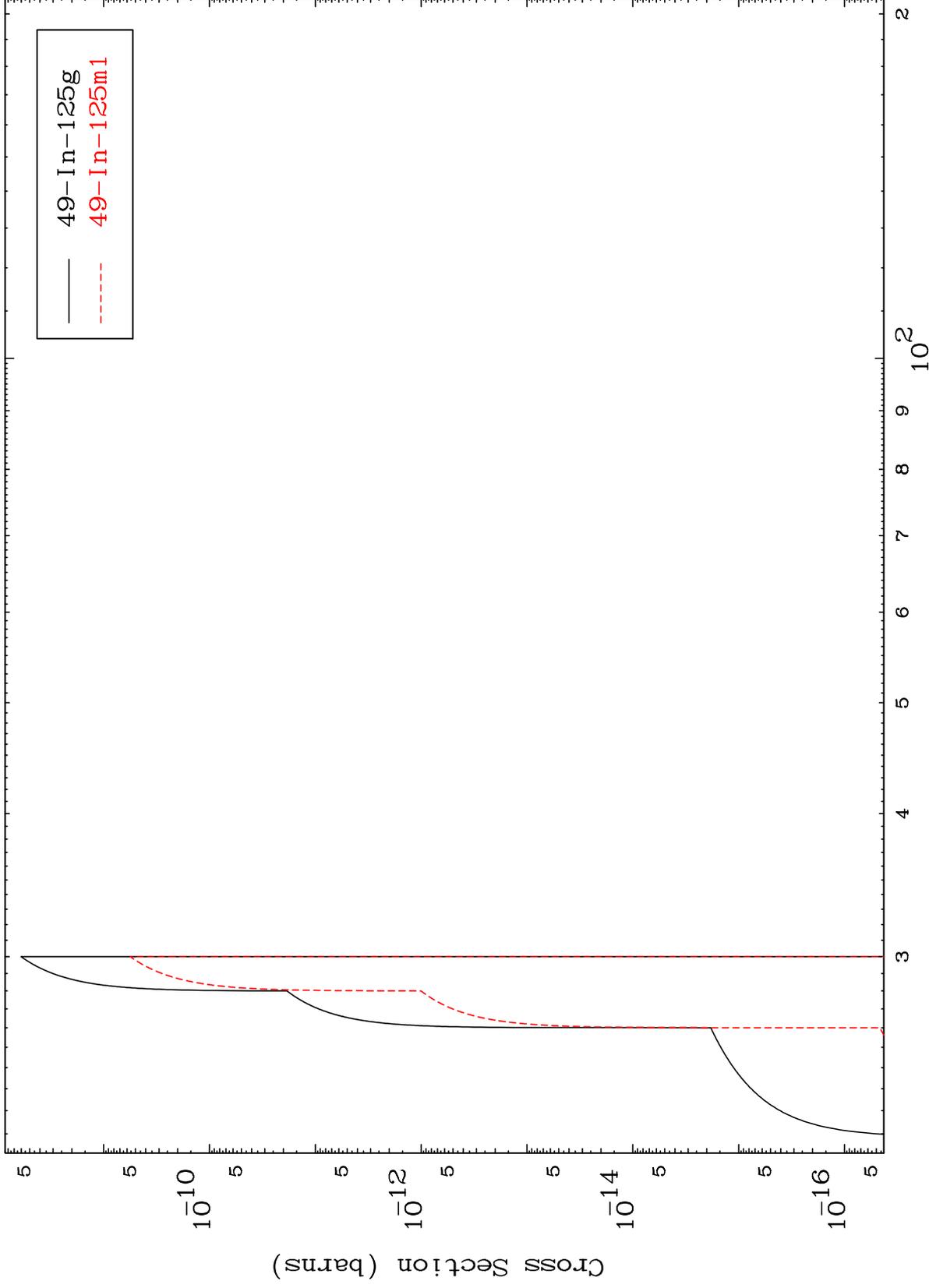
49-In-125m

MAT 4962

(n,n') He-3

49-In-125m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

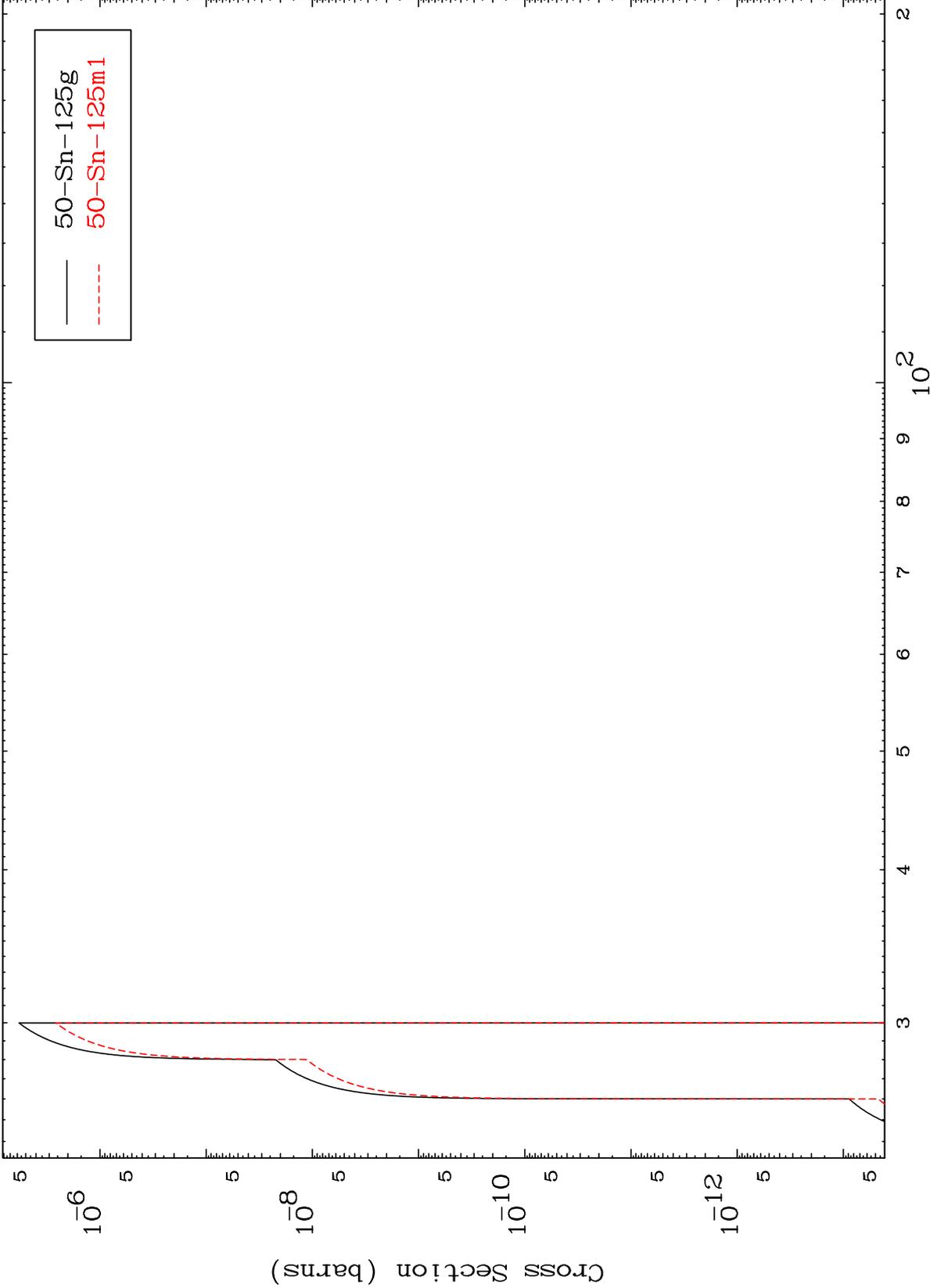
49-In-125m

MAT 4962

(n,3n) p

49-In-125m

Radionuclide Production Cross Section



19

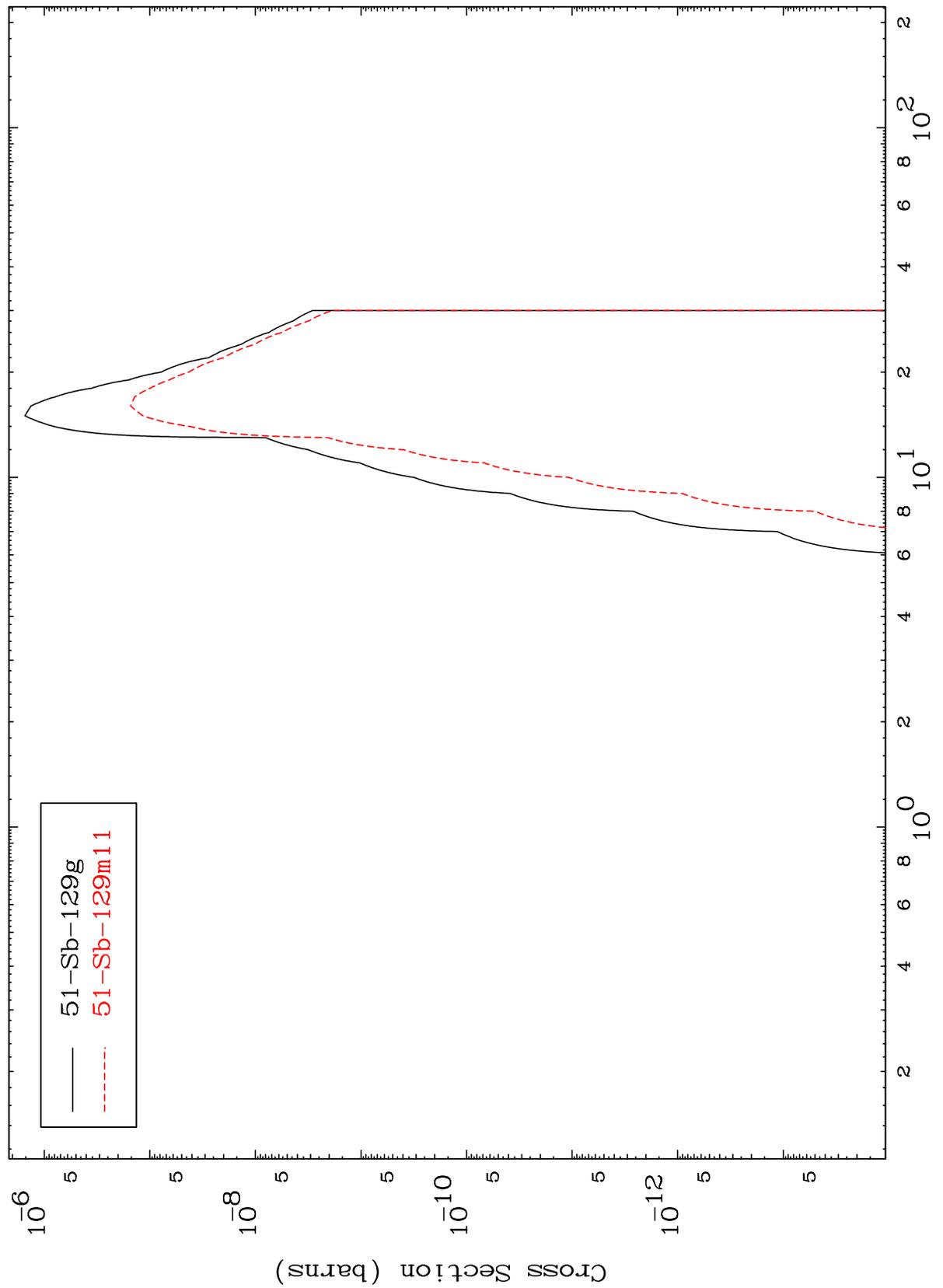
Incident Energy (MeV)

49-In-125m

MAT 4962

49-In-125m

(n, γ)
Radionuclide Production Cross Section



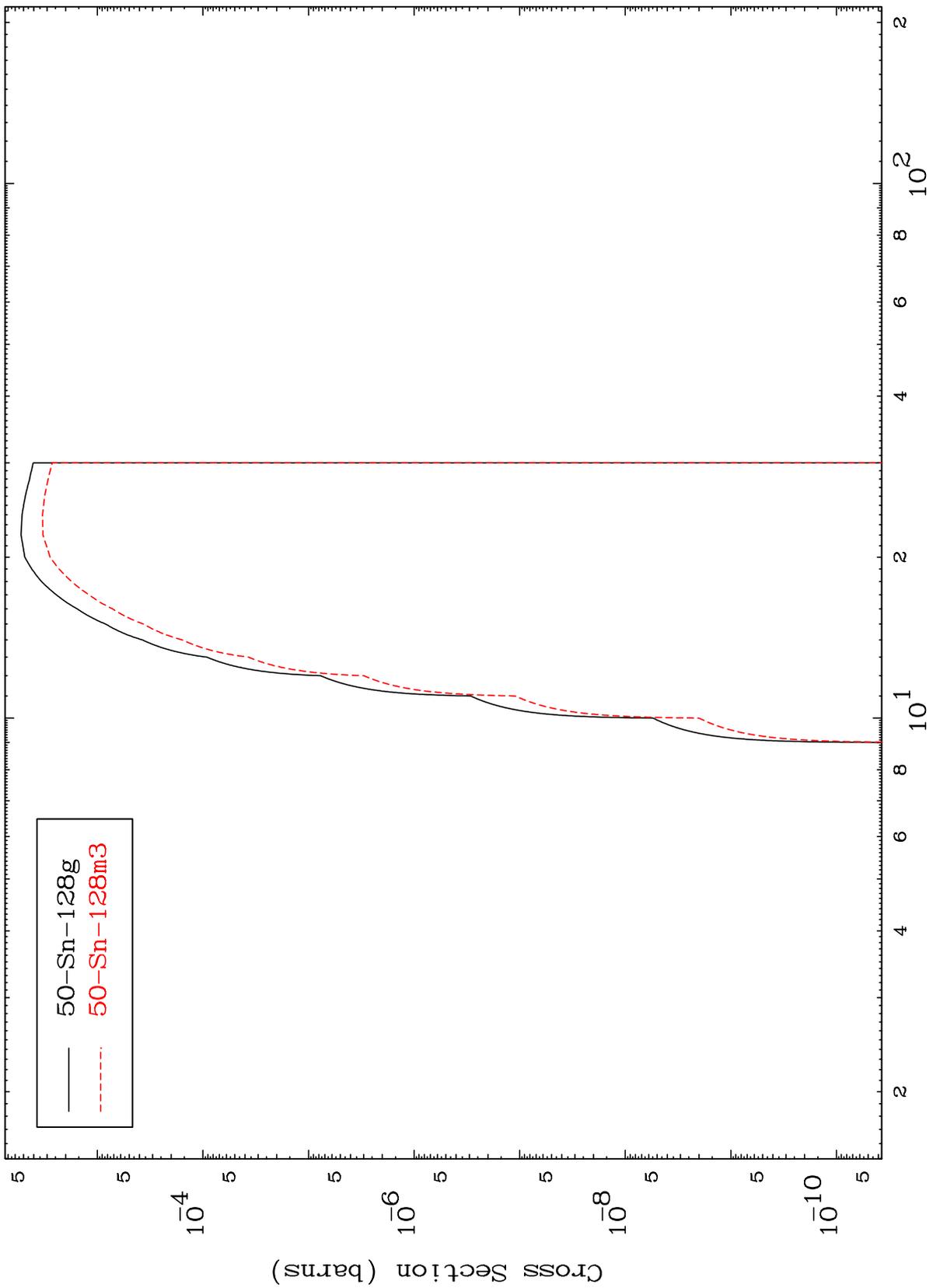
20

49-In-125m

MAT 4962

49-In-125m

Radionuclide Production Cross Section

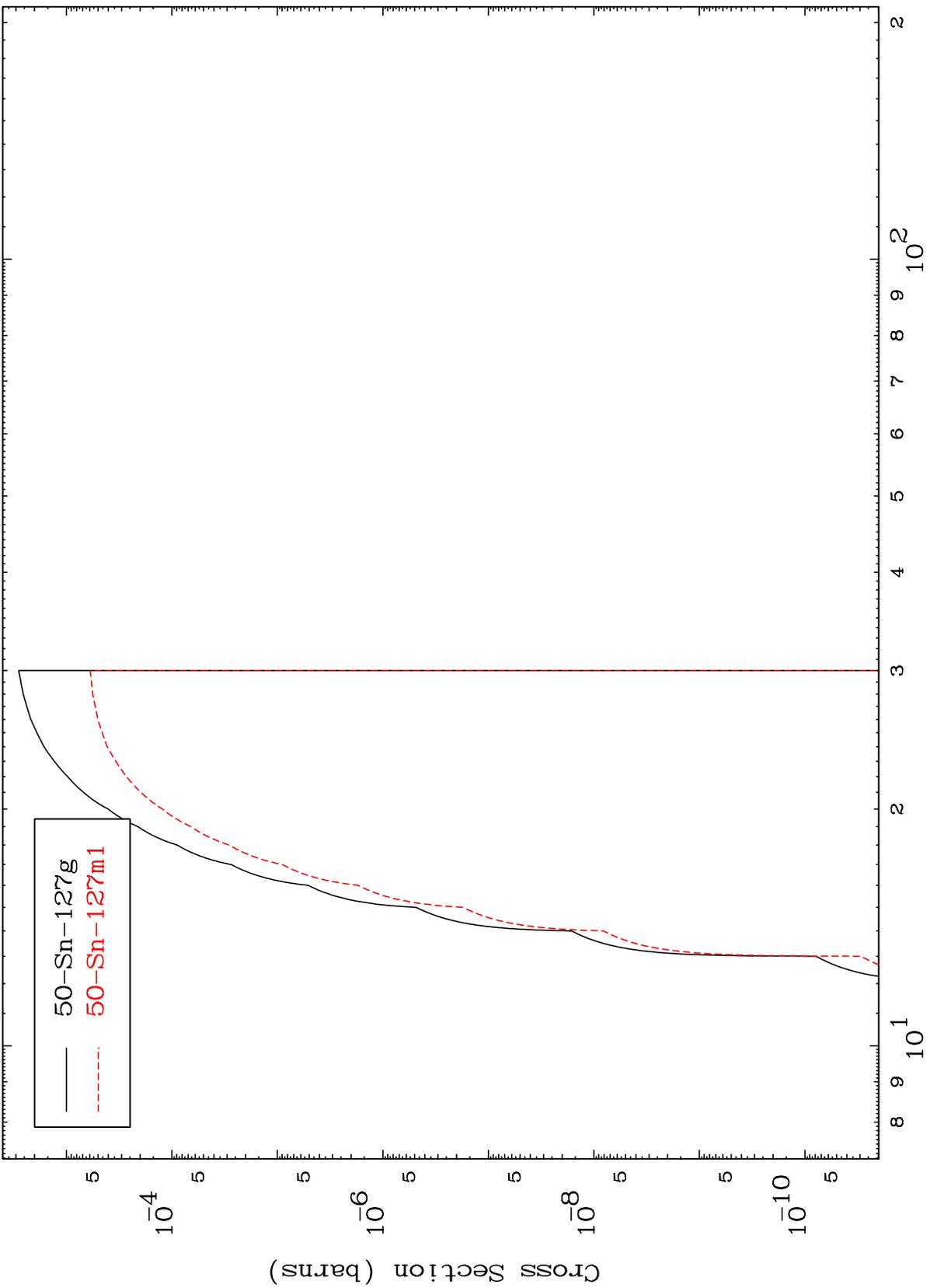


MAT 4962

(n,d)

49-In-125m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

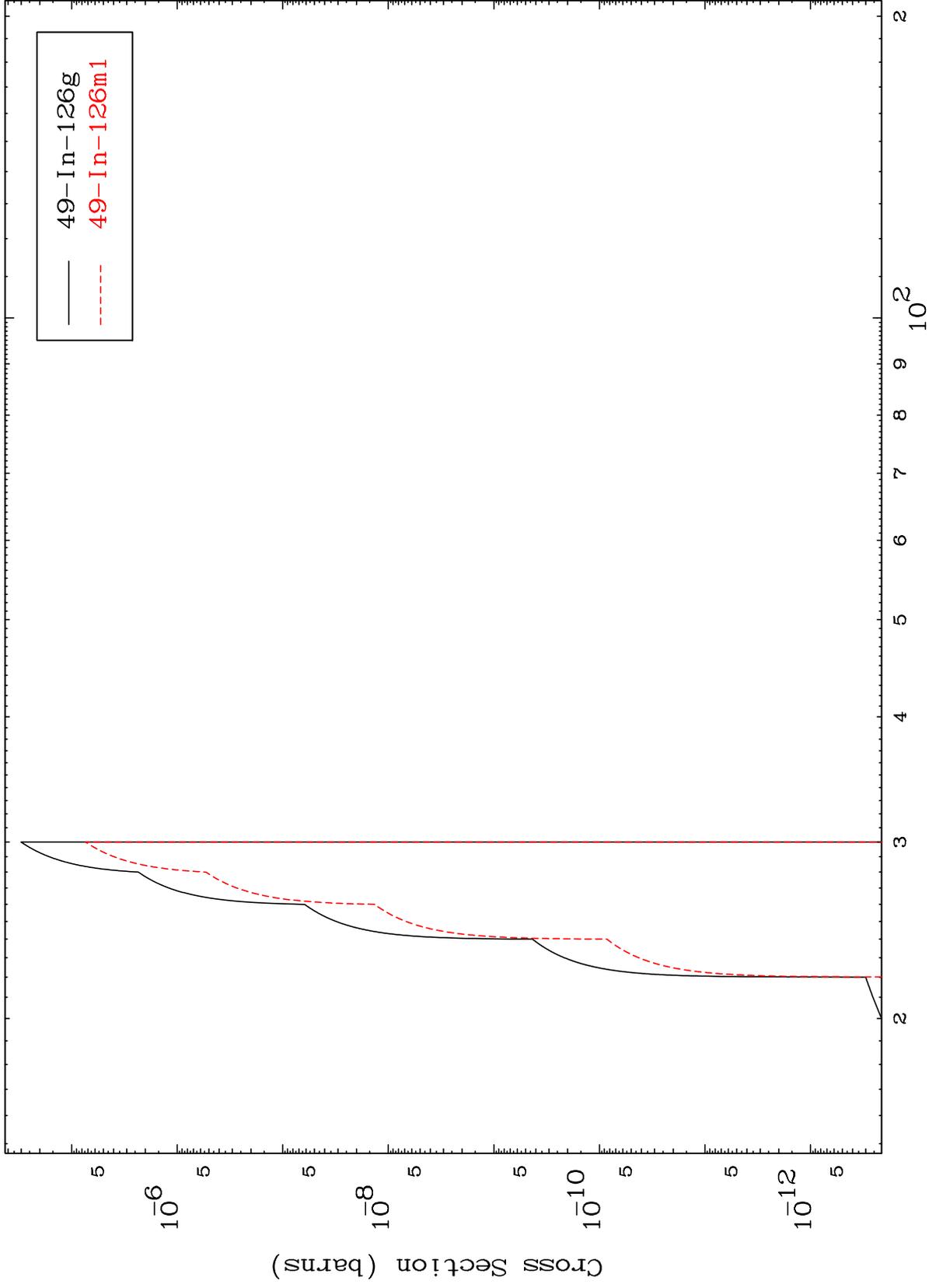
49-In-125m

MAT 4962

(n,He-3)

49-In-125m

Radionuclide Production Cross Section



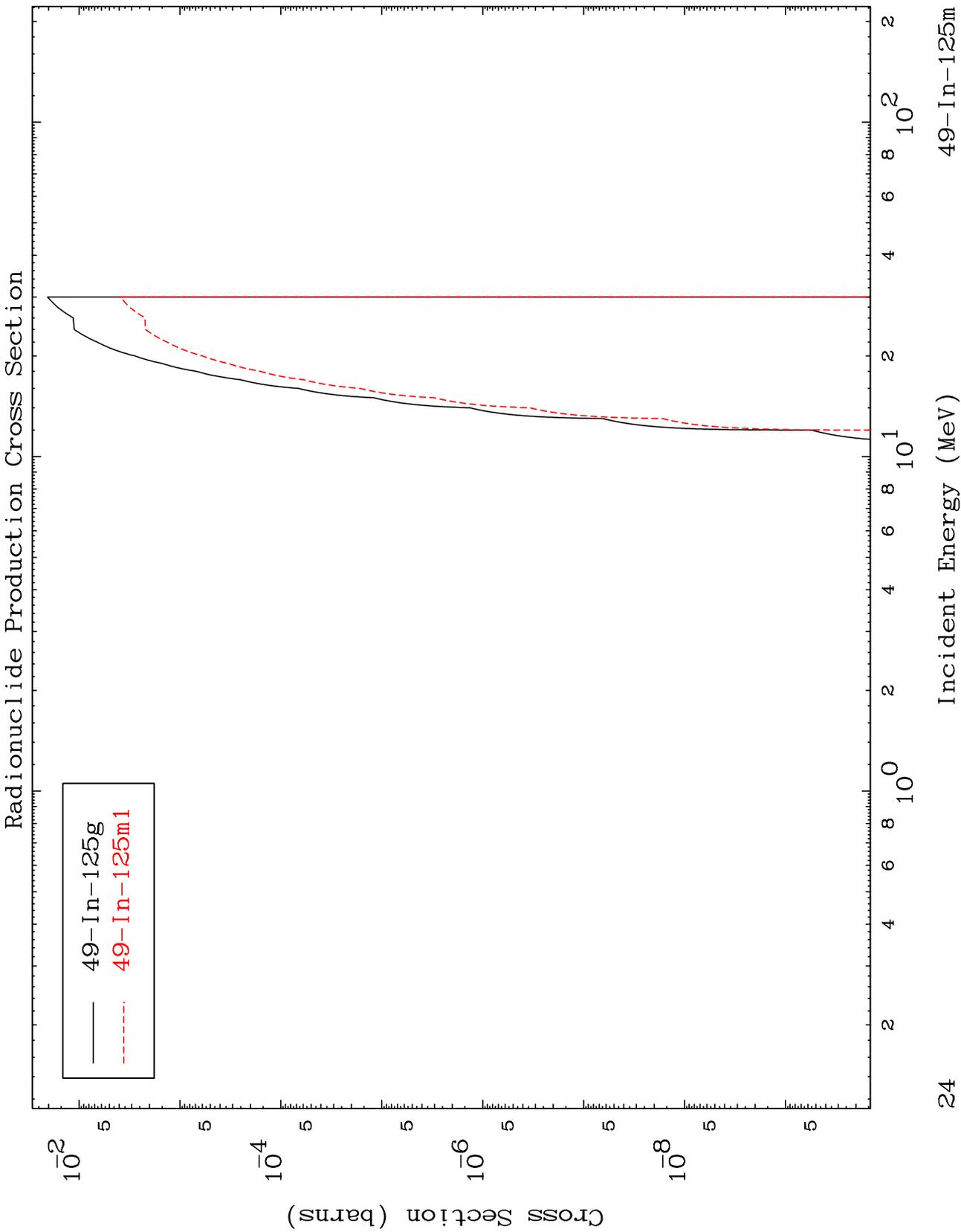
23

Incident Energy (MeV)

49-In-125m

MAT 4962

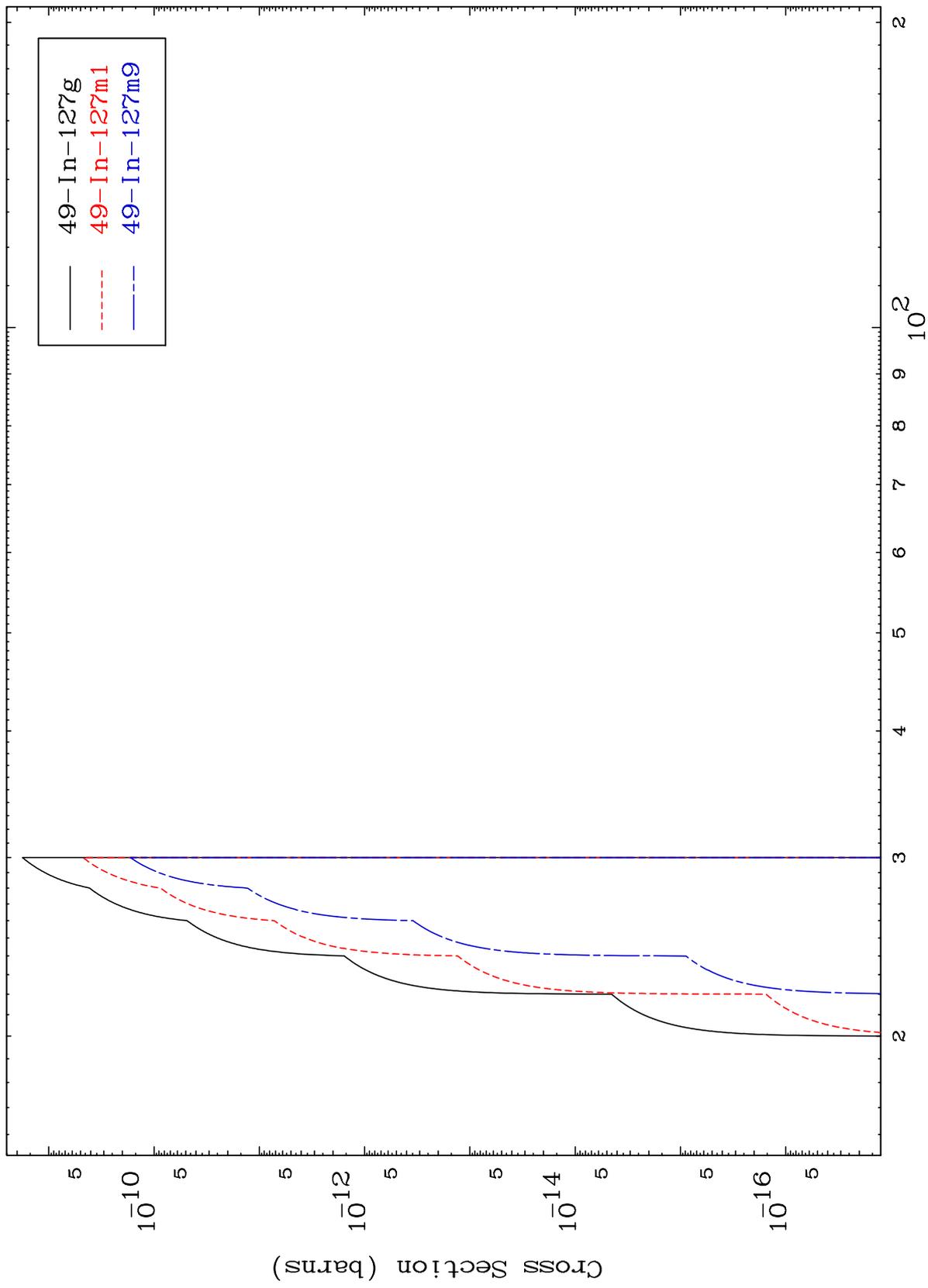
49-In-125m



MAT 4962

49-In-125m

(n,2p)
Radionuclide Production Cross Section



25

49-In-125m

Incident Energy (MeV)