

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

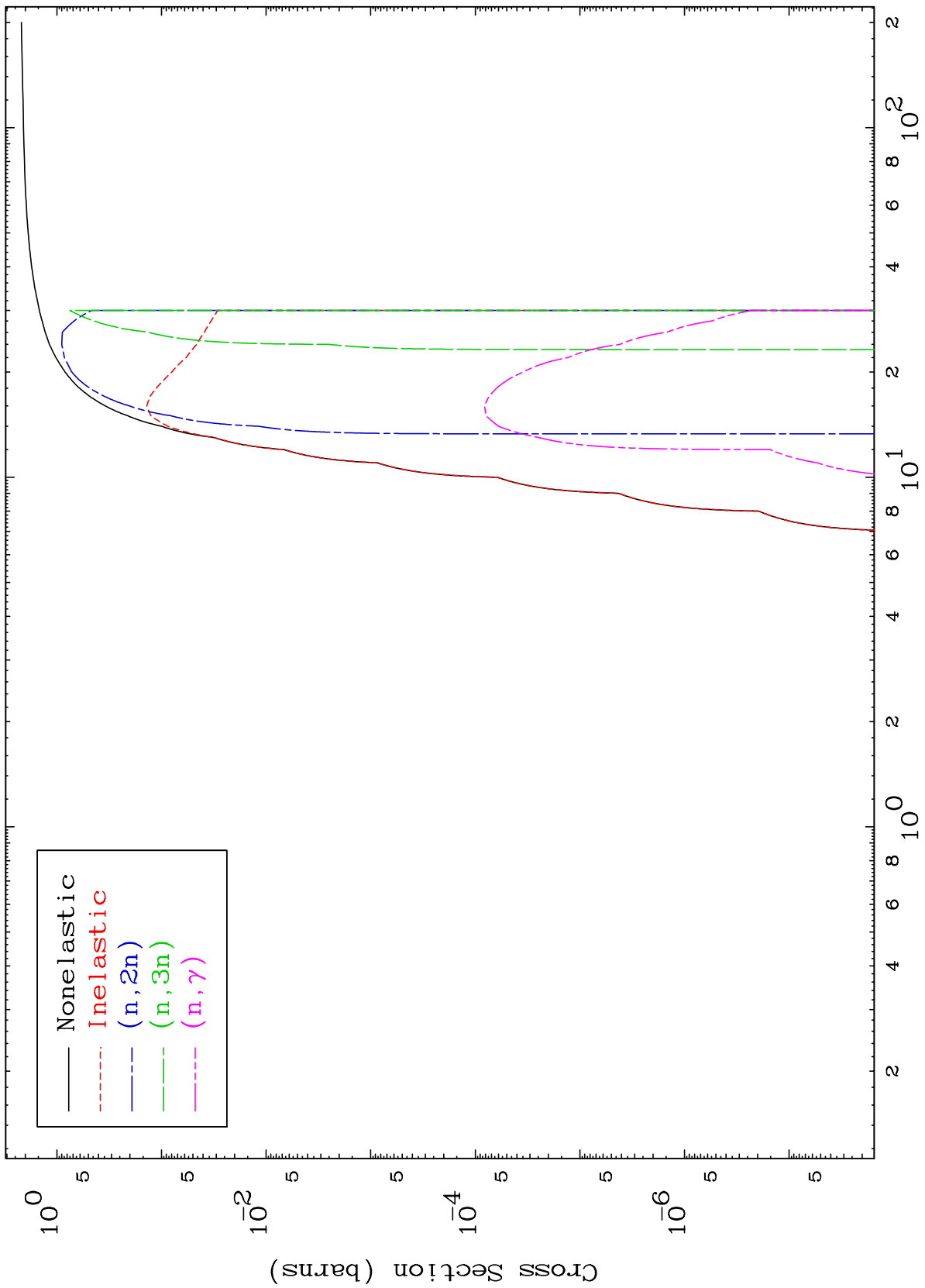
Press Mouse Button to Start

MAT 4938

α Major

49-In-117m

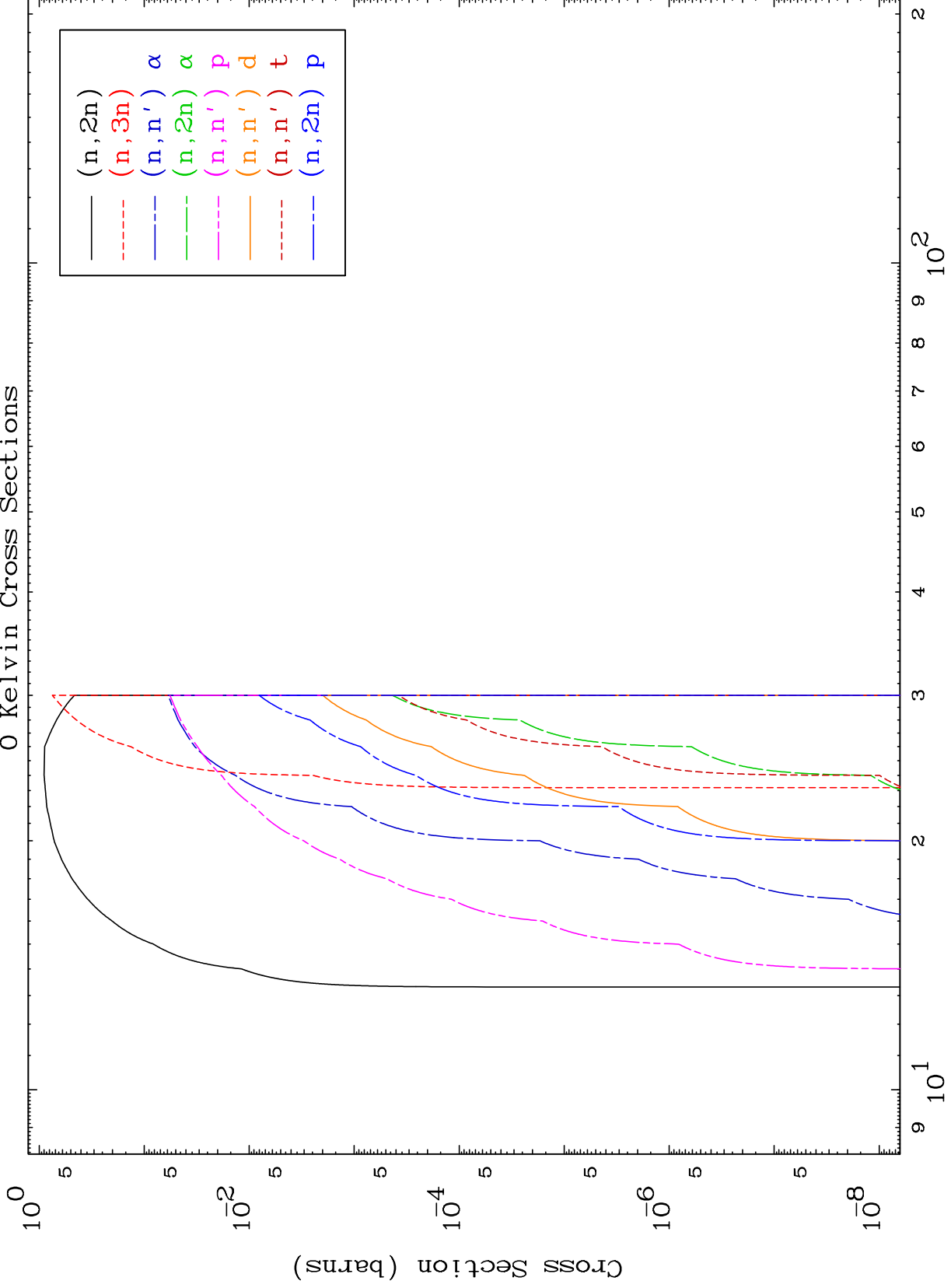
0 Kelvin Cross Sections



MAT 4938

α Neutron Absorption
0 Kelvin Cross Sections

49-In-117m



2

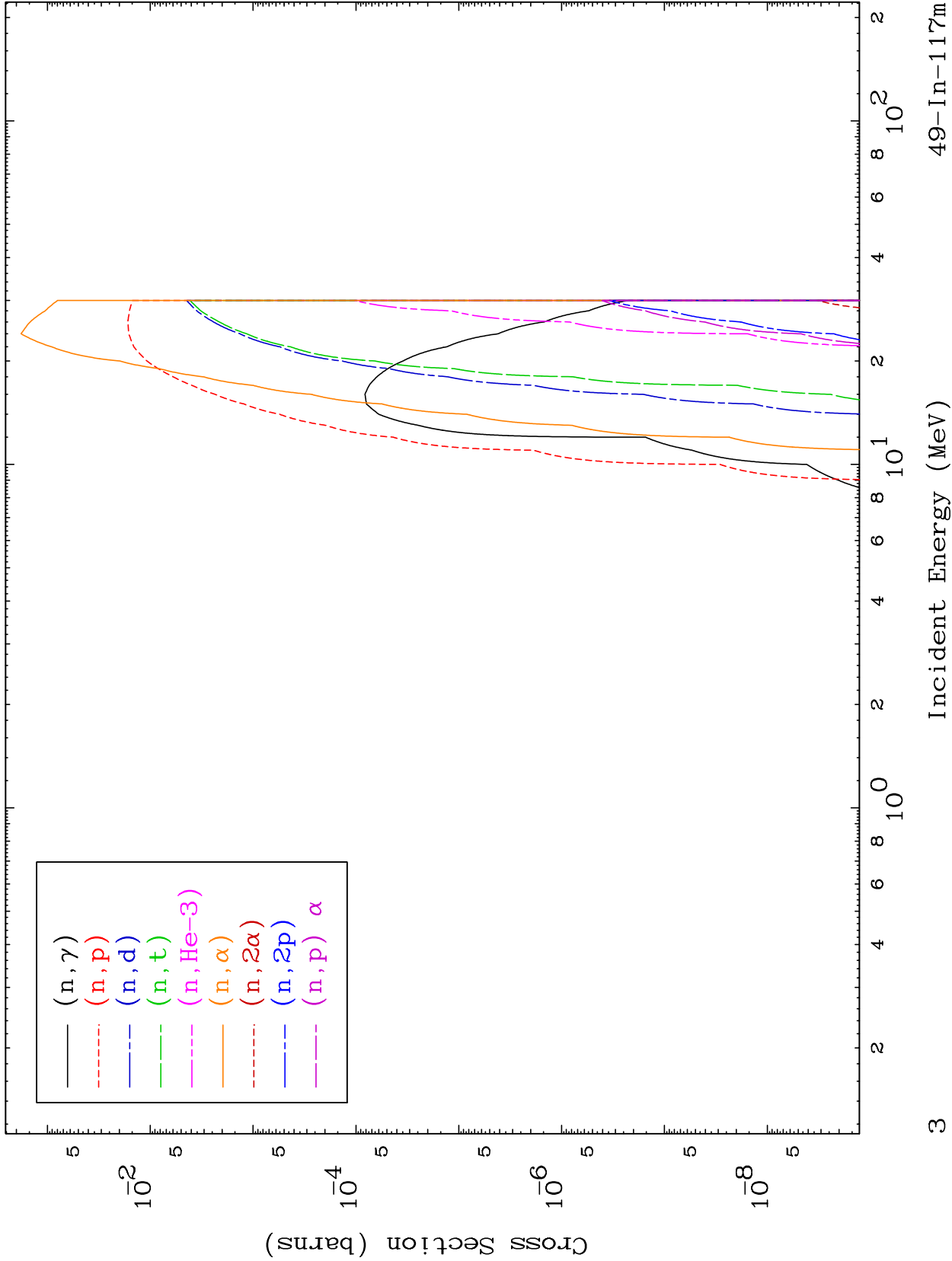
Incident Energy (MeV)

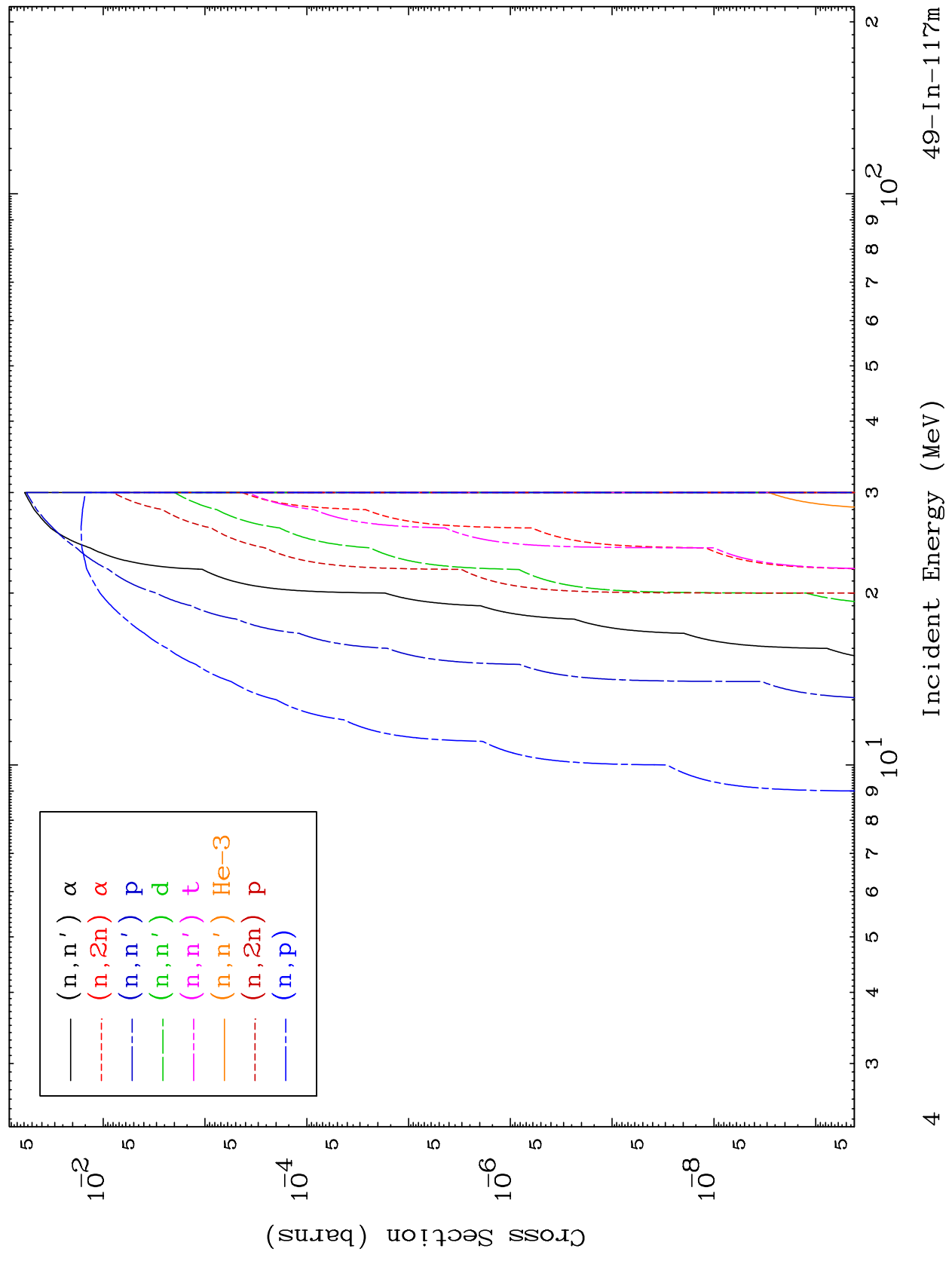
49-In-117m

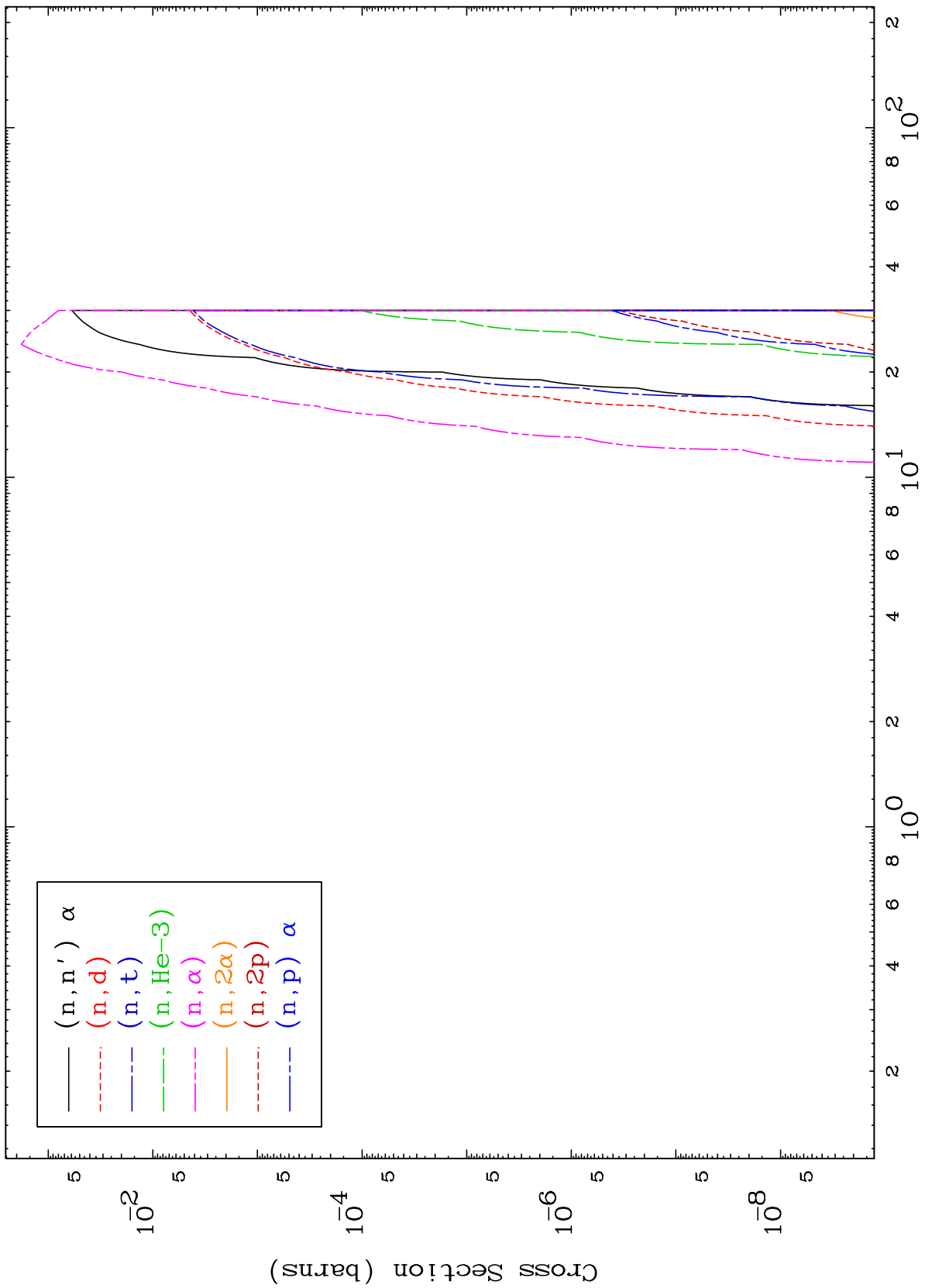
MAT 4938

α Neutron Absorption
0 Kelvin Cross Sections

49-In-117m





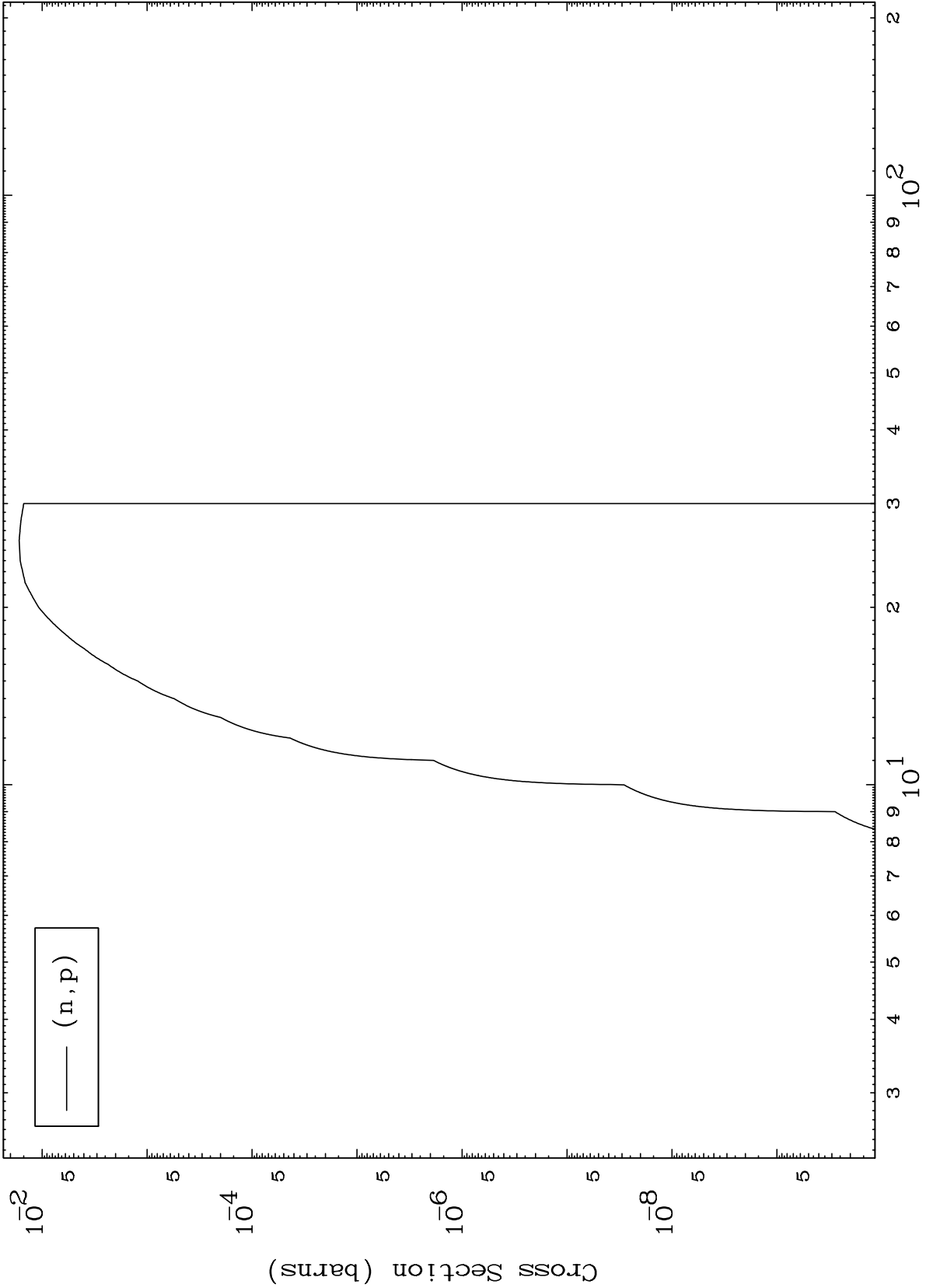


MAT 4938

(α, p) Levels

49-In-117m

0 Kelvin Cross Sections

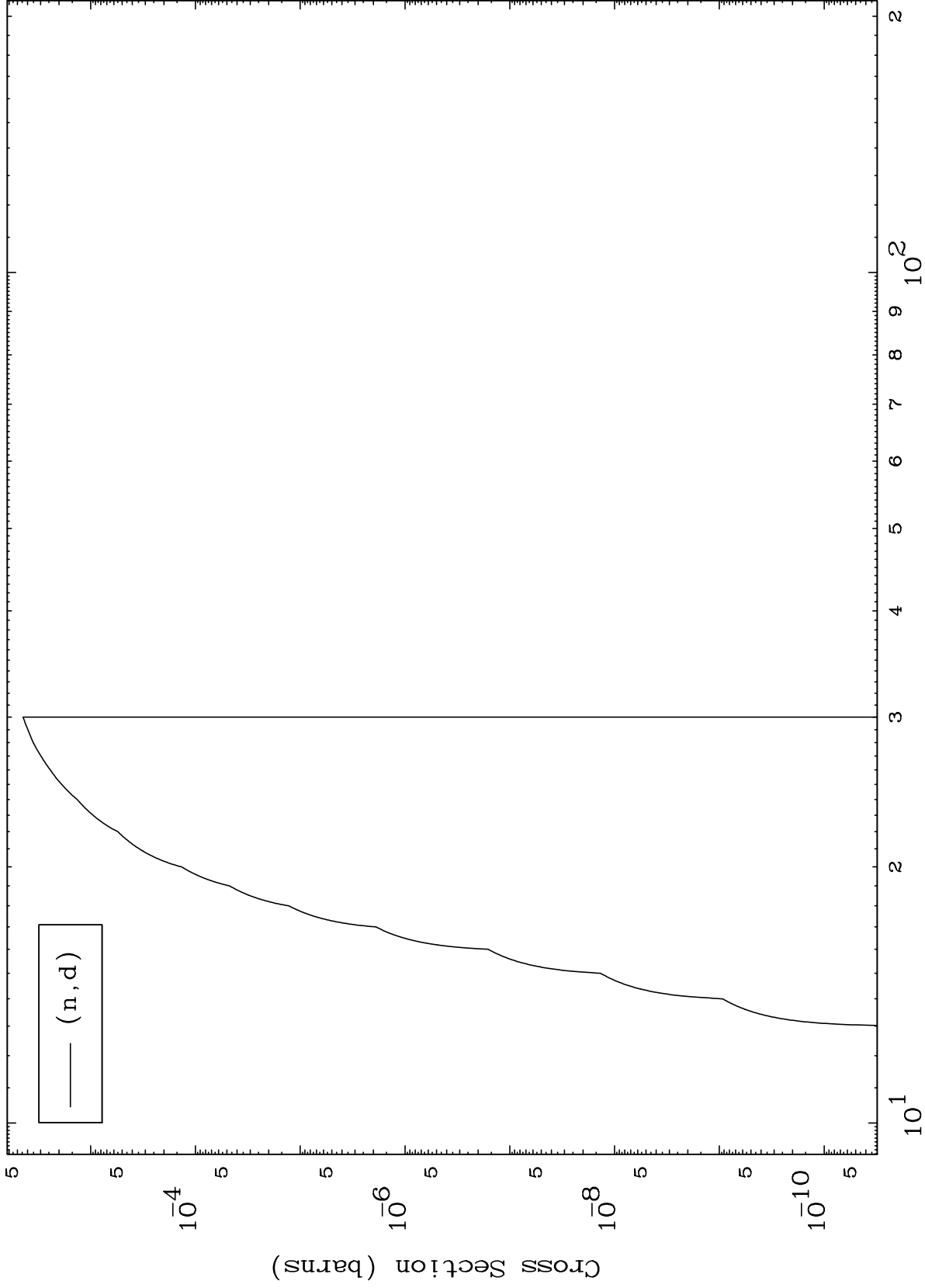


MAT 4938

(α, d) Levels

49-In-117m

0 Kelvin Cross Sections



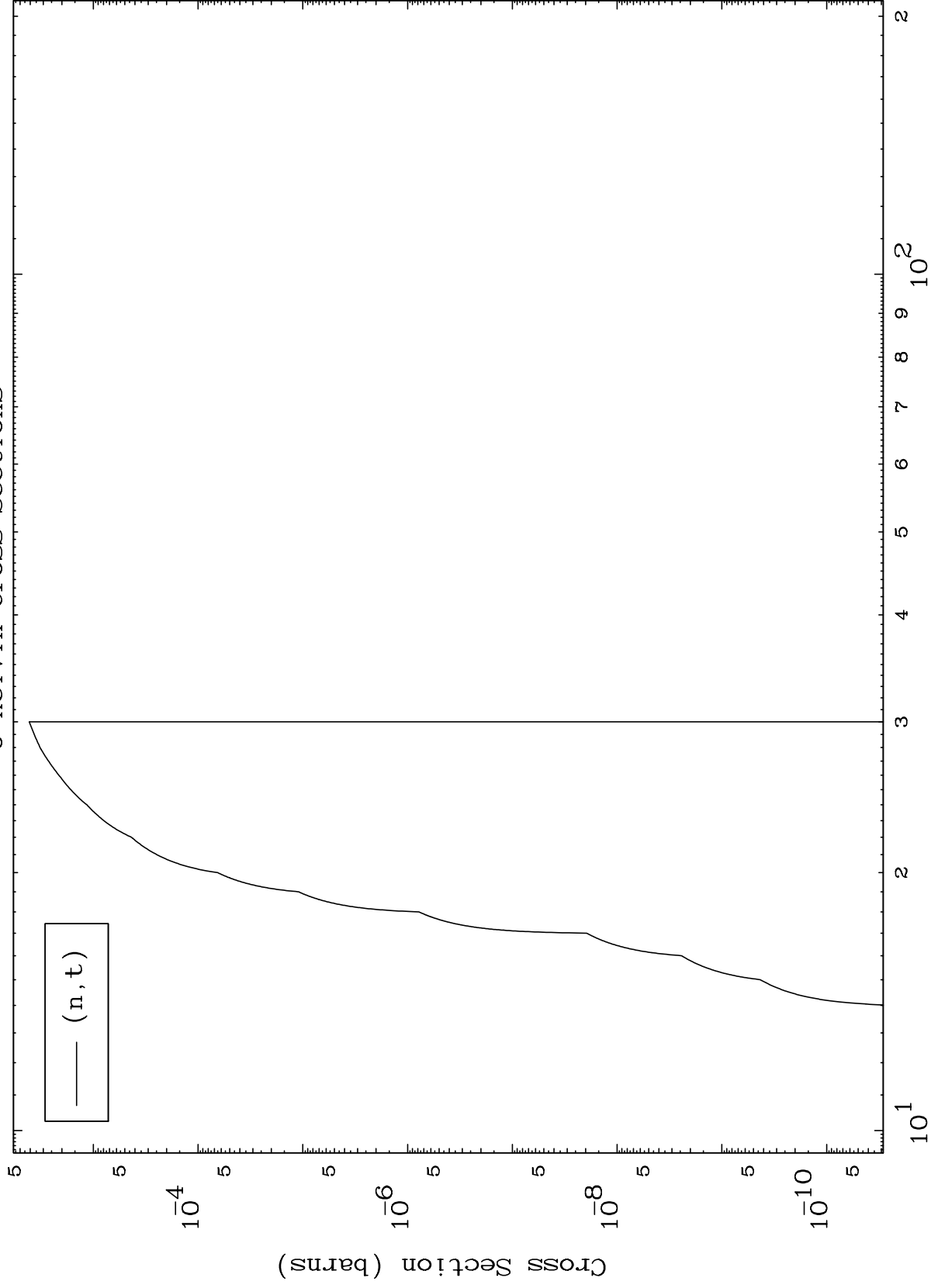
Incident Energy (MeV)

49-In-117m

MAT 4938

(α, t) Levels
0 Kelvin Cross Sections

49-In-117m



Incident Energy (MeV)

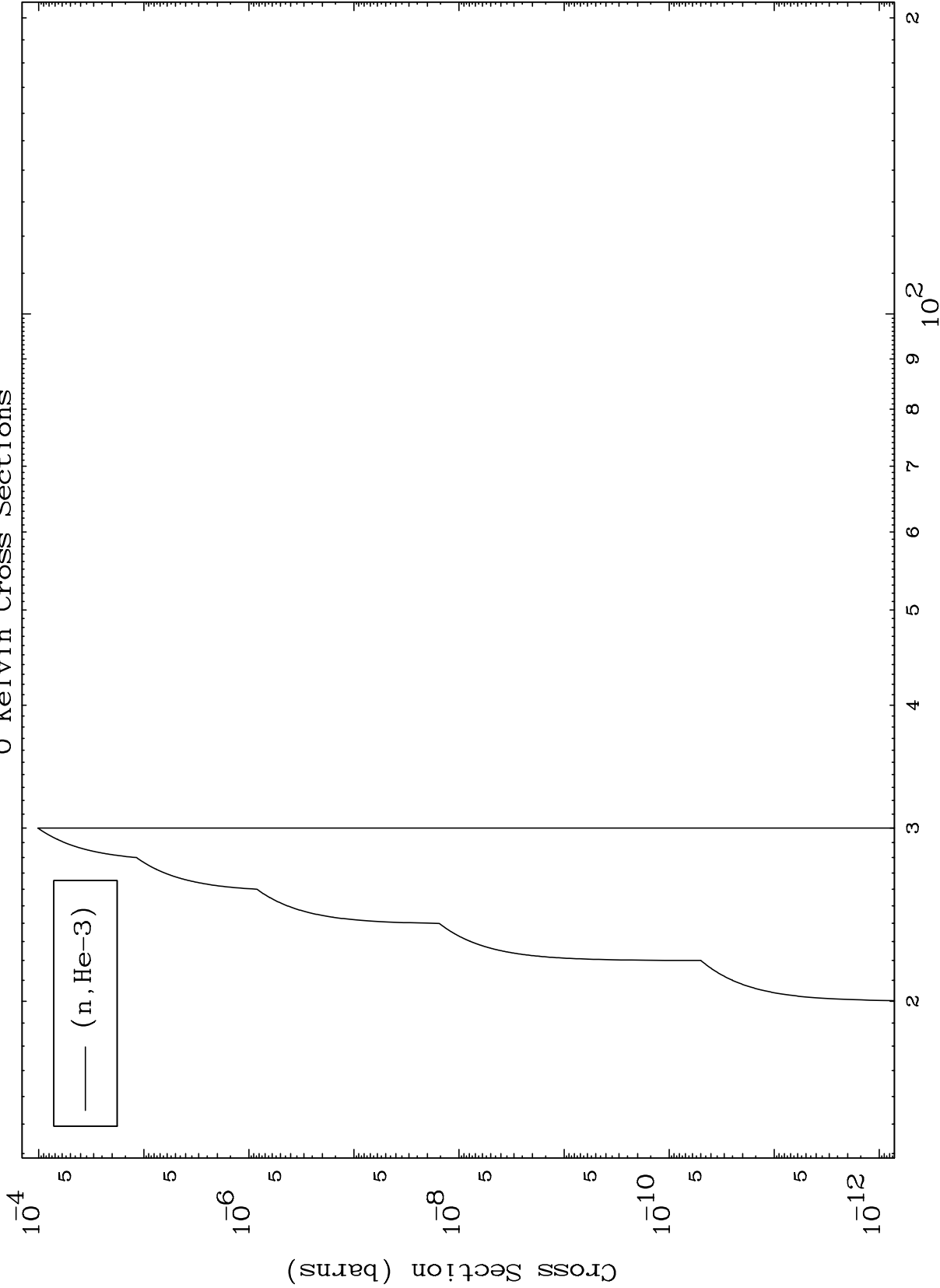
49-In-117m

MAT 4938

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

49-In-117m

0 Kelvin Cross Sections

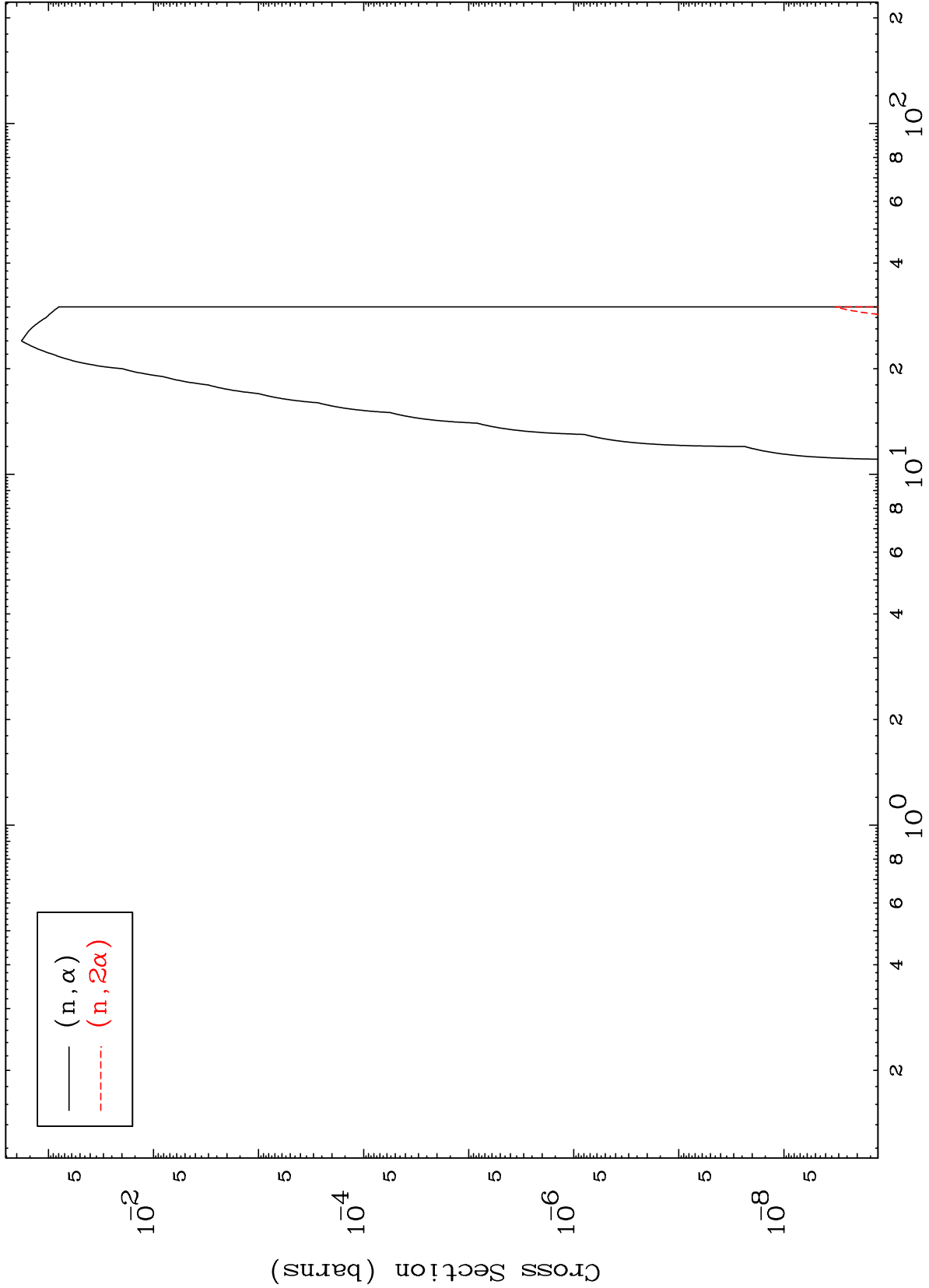


MAT 4938

(α, α) Levels

49-In-117m

0 Kelvin Cross Sections



10

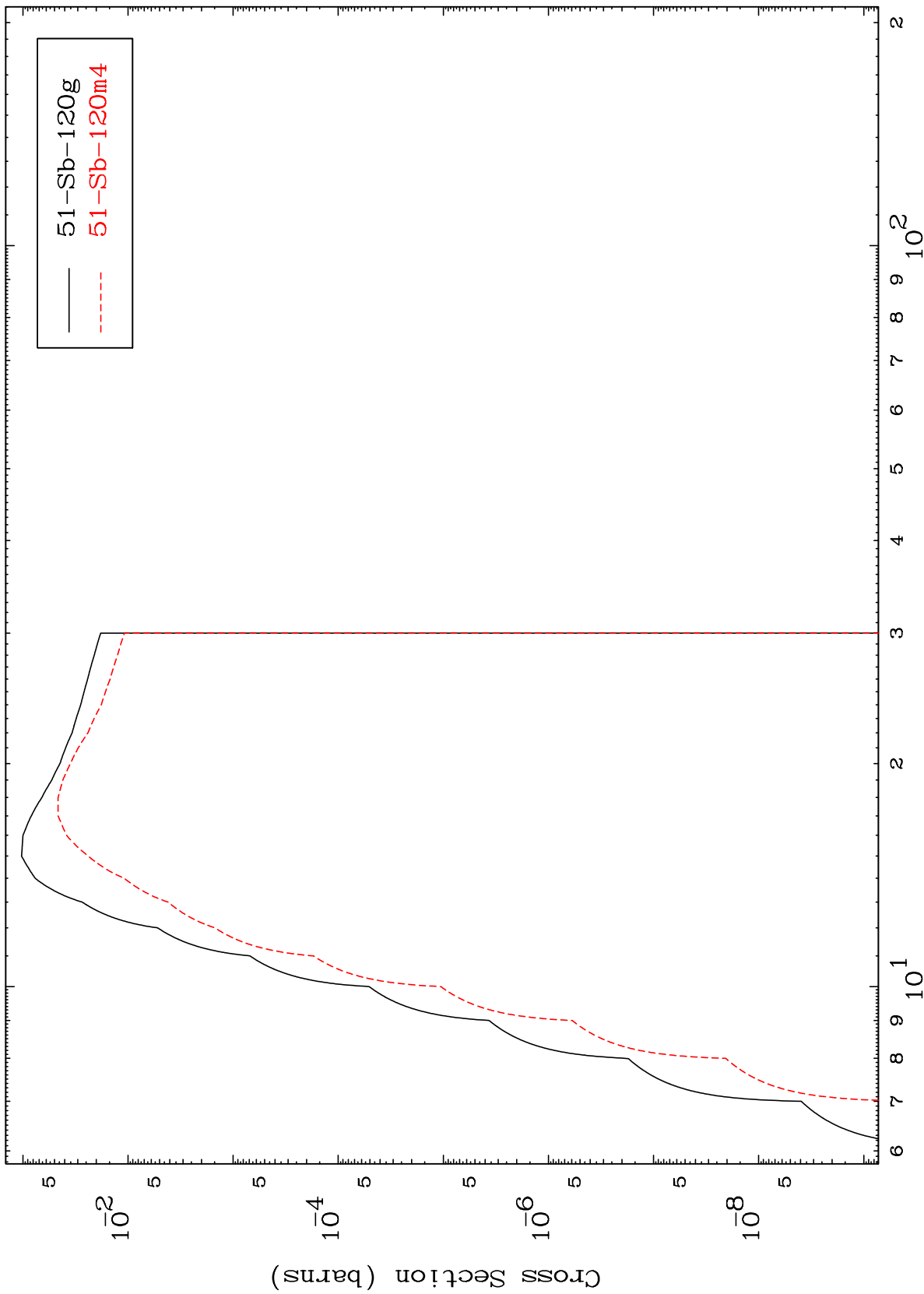
Incident Energy (MeV)

49-In-117m

MAT 4938

49-In-117m

Inelastic
Radionuclide Production Cross Section



49-In-117m

Incident Energy (MeV)

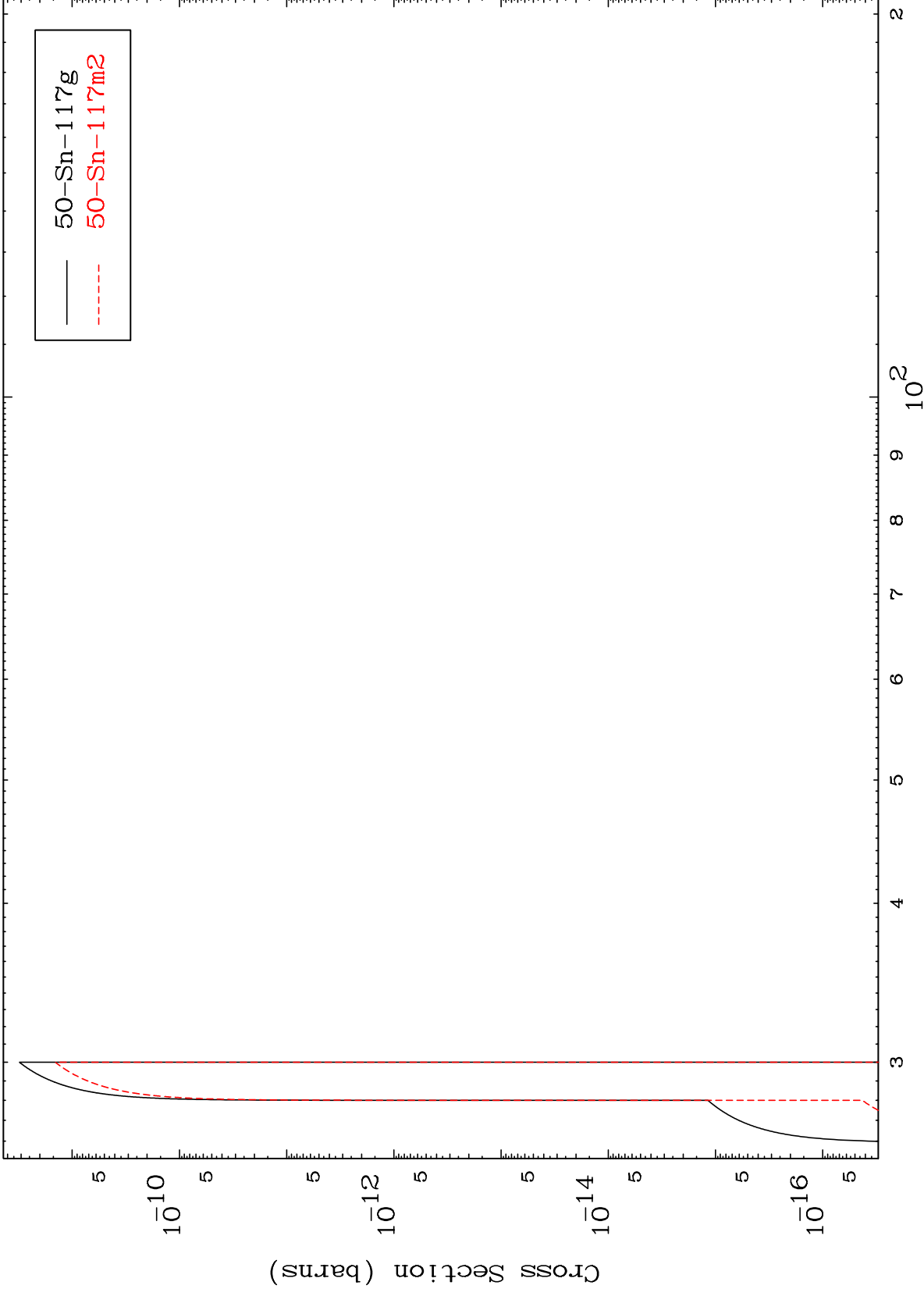
11

MAT 4938

(n,2n) d

49-In-117m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

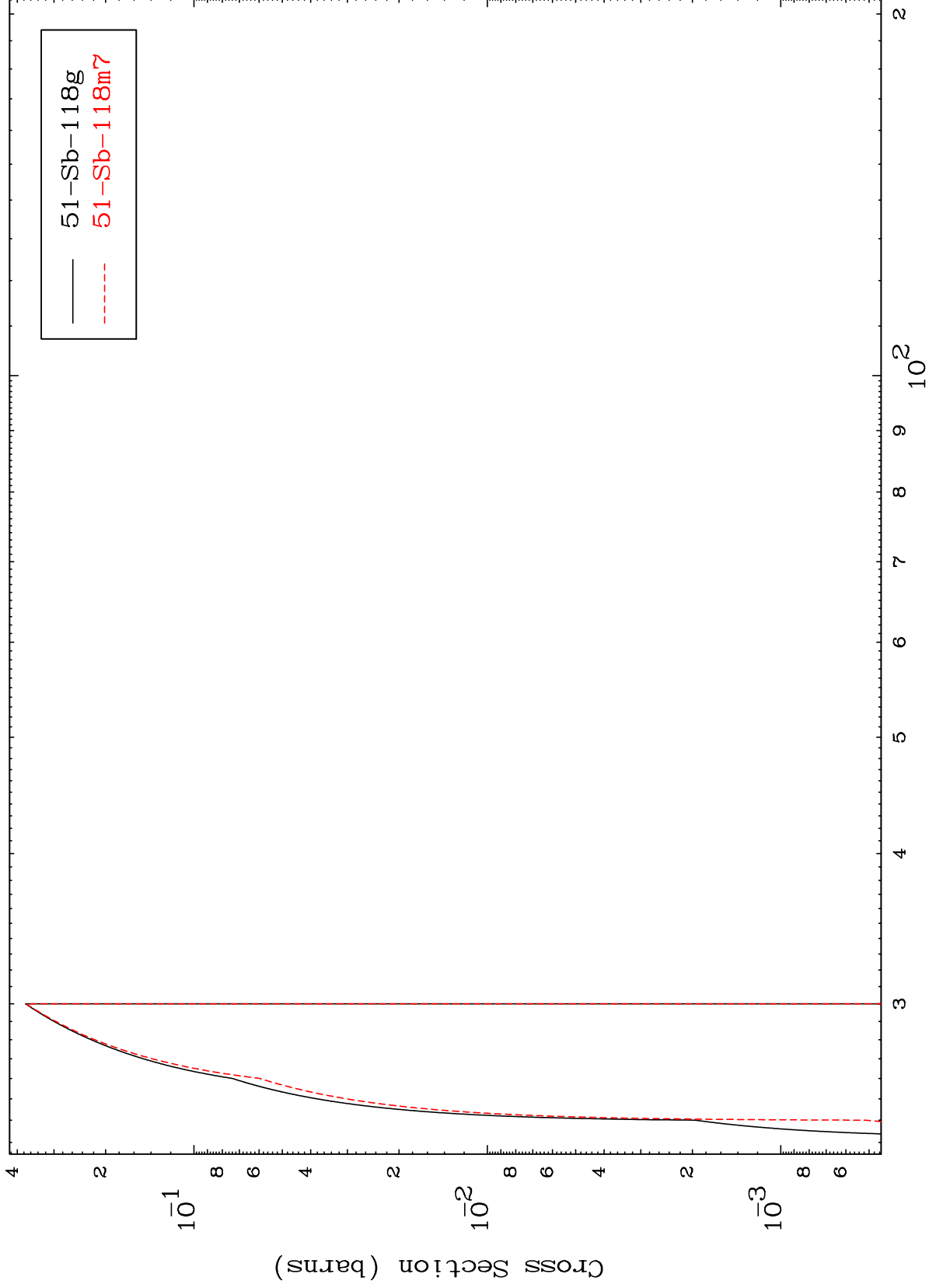
49-In-117m

MAT 4938

(n,3n)

49-In-117m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

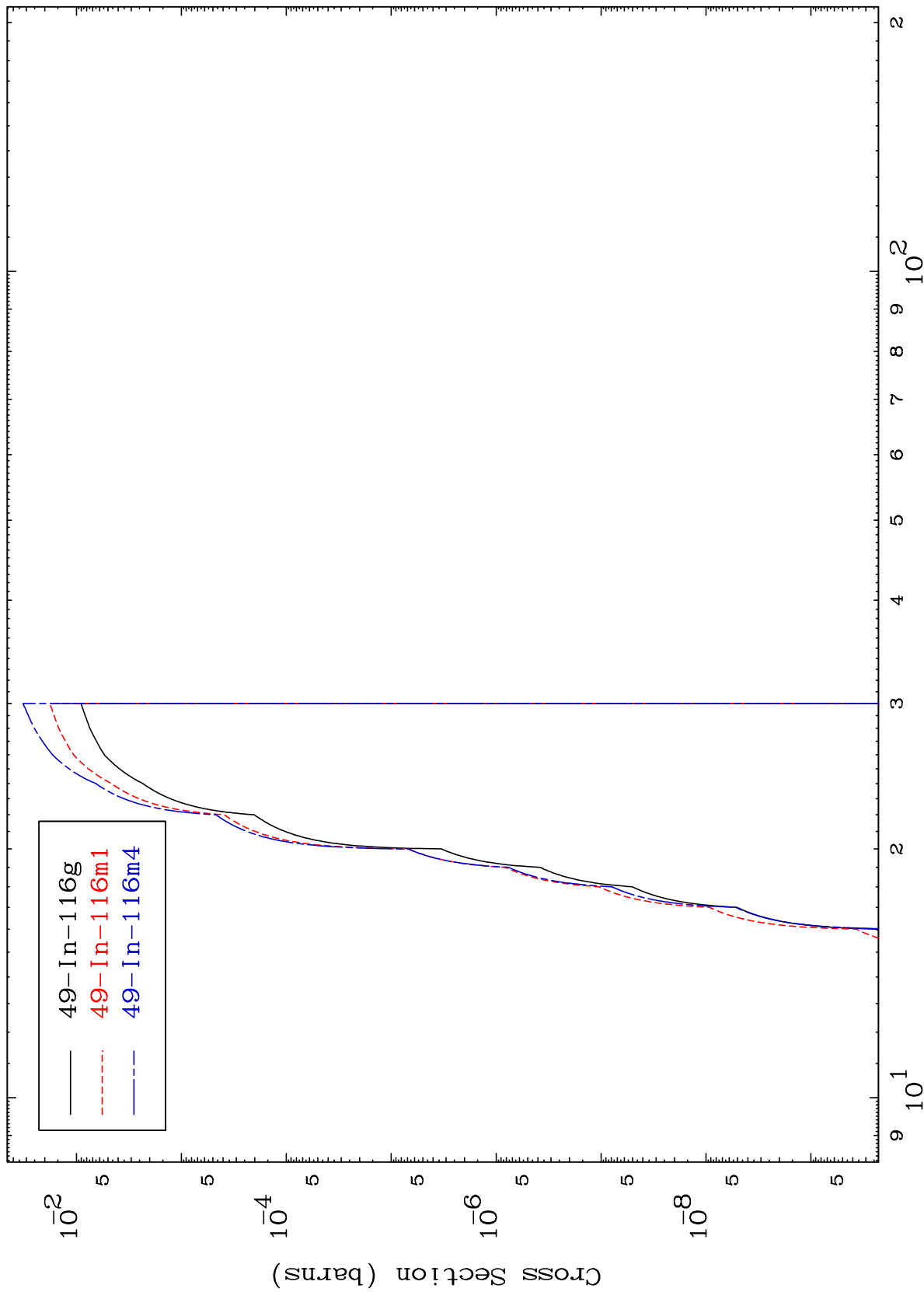
49-In-117m

MAT 4938

(n,n') α

49-In-117m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

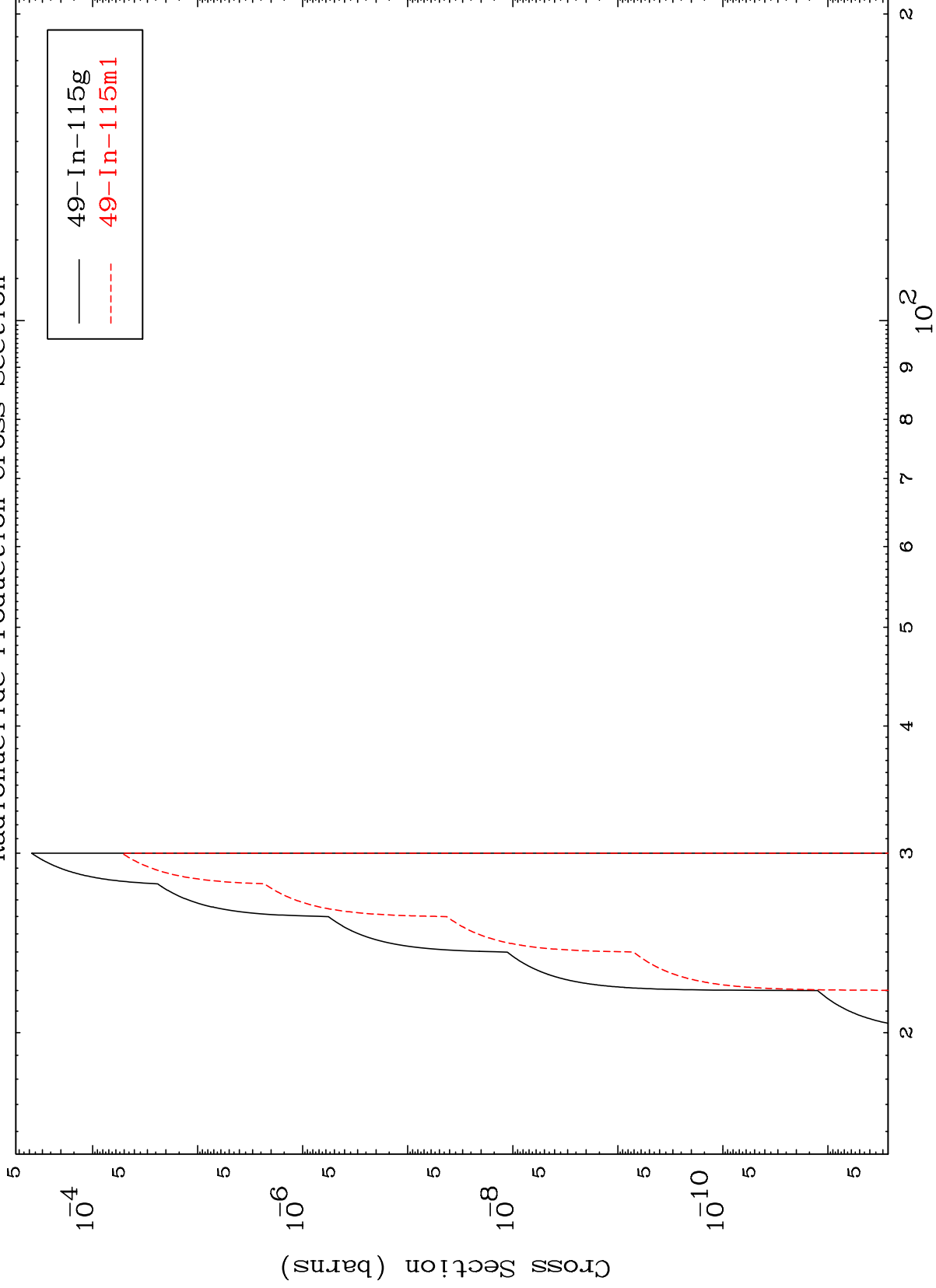
49-In-117m

MAT 4938

(n,2n) α

49-In-117m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

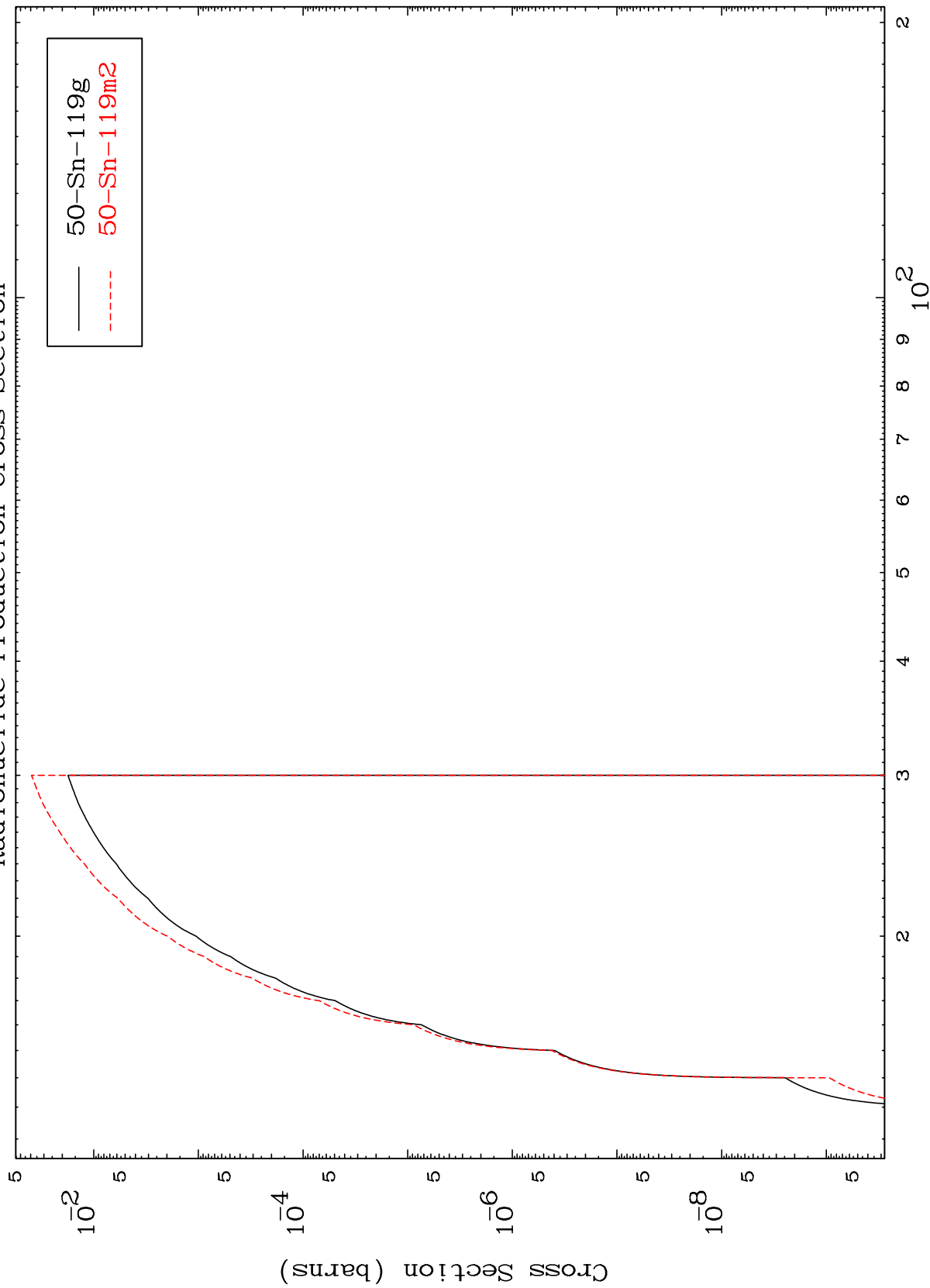
49-In-117m

MAT 4938

(n,n') p

49-In-117m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

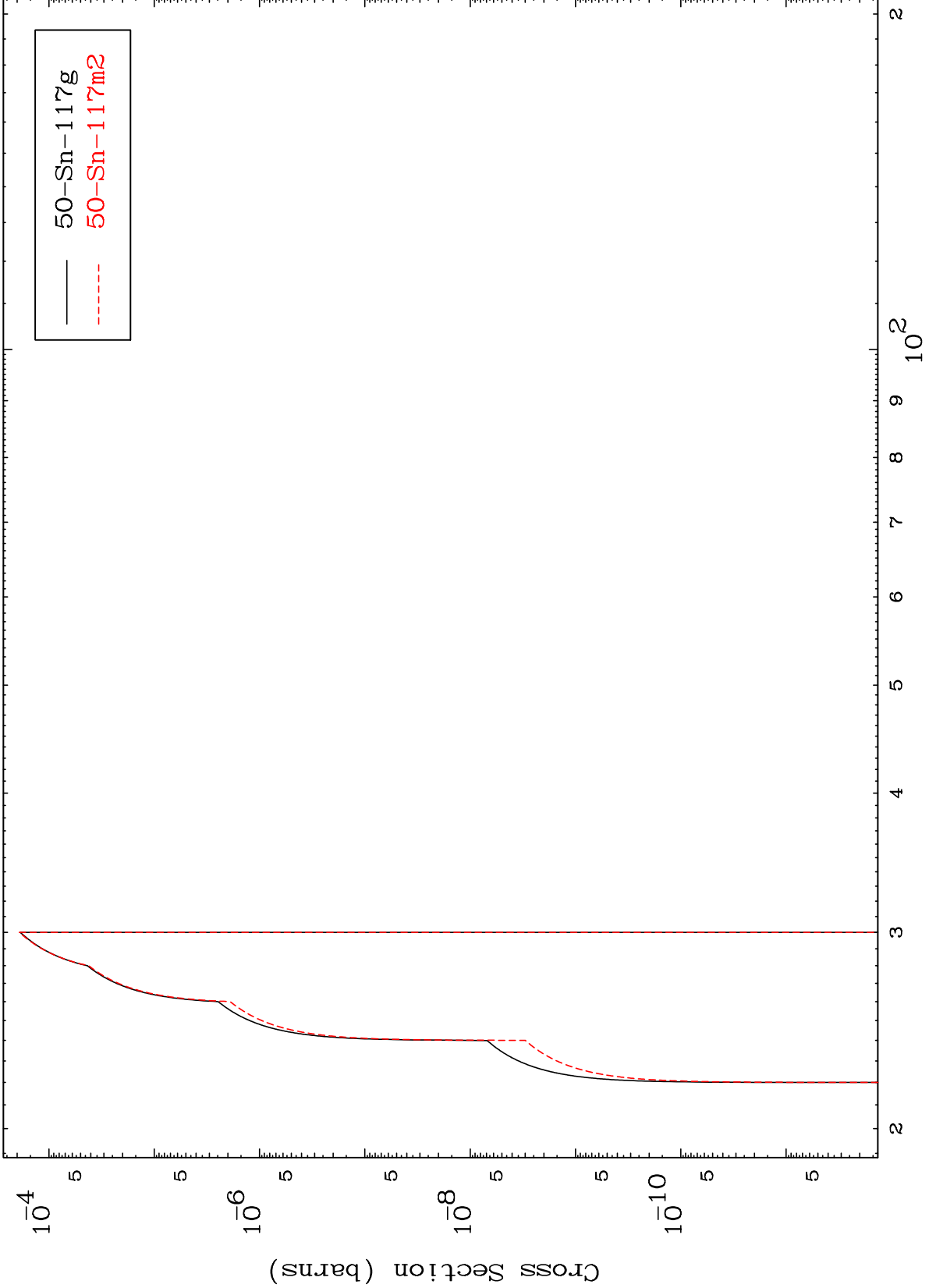
49-In-117m

MAT 4938

(n,n') t

49-In-117m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

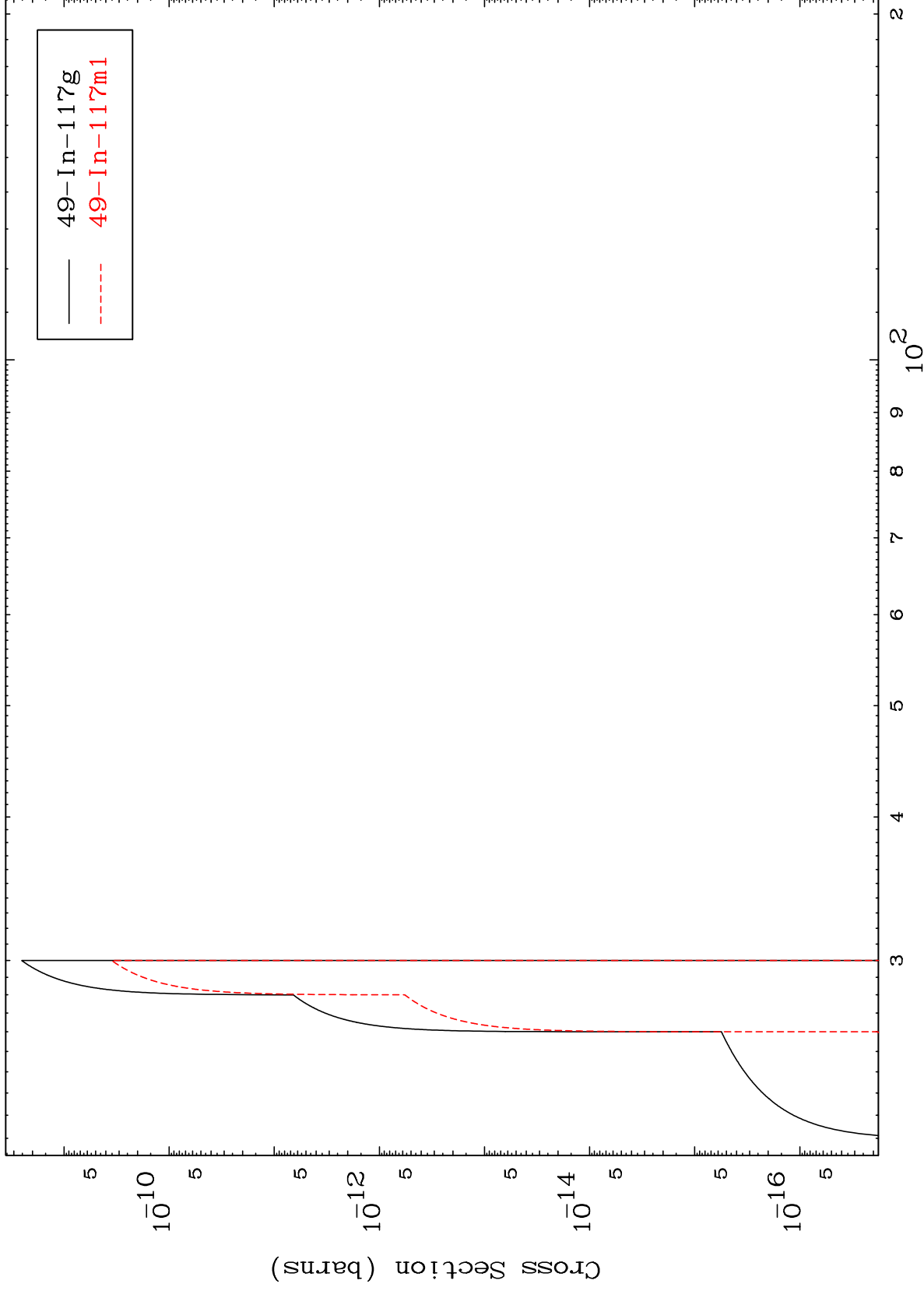
49-In-117m

MAT 4938

(n,n') He-3

49-In-117m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

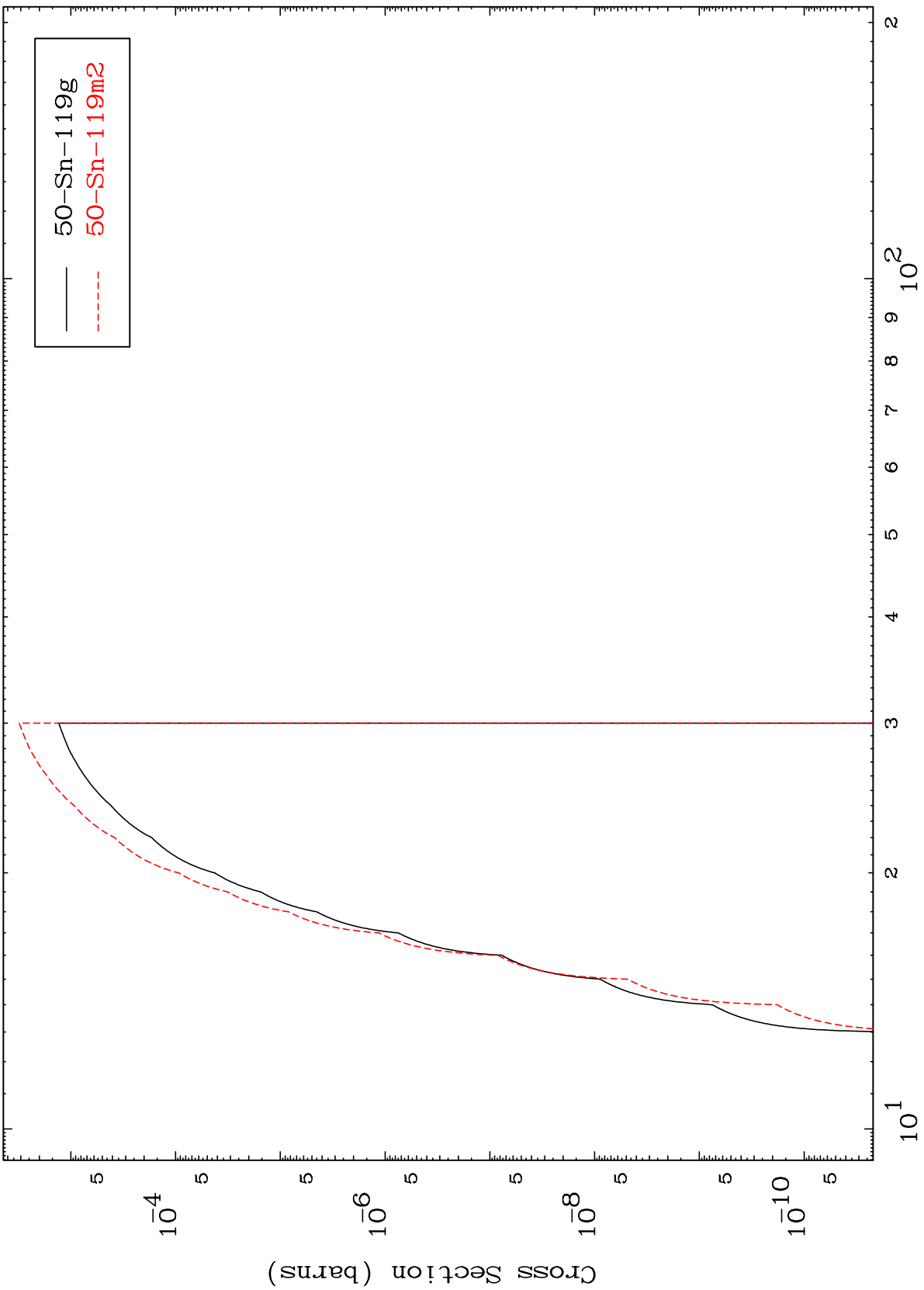
49-In-117m

MAT 4938

(n,d)

49-In-117m

Radionuclide Production Cross Section



Incident Energy (MeV)

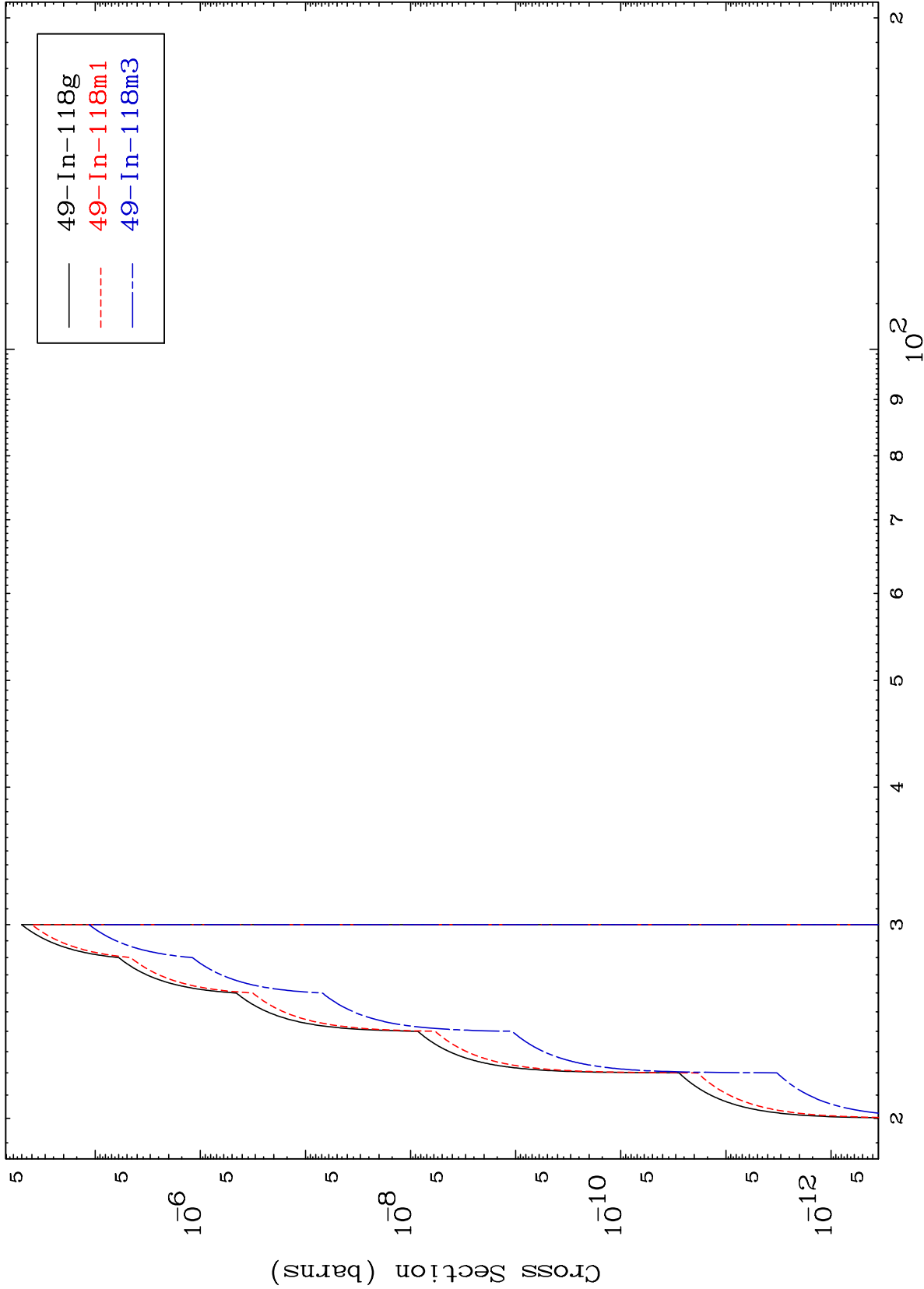
49-In-117m

MAT 4938

(n,He-3)

49-In-117m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

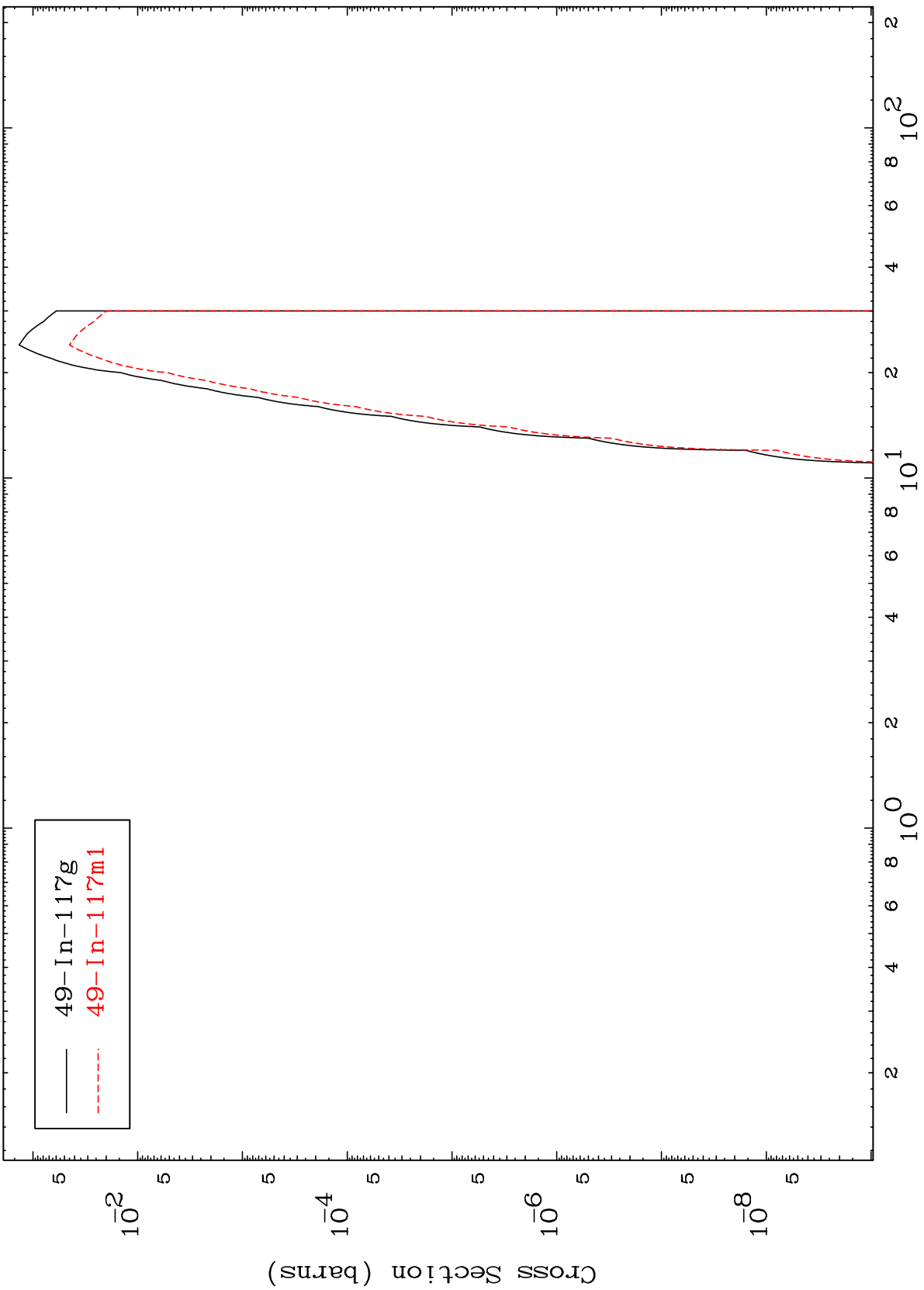
49-In-117m

MAT 4938

(n, α)

49-In-117m

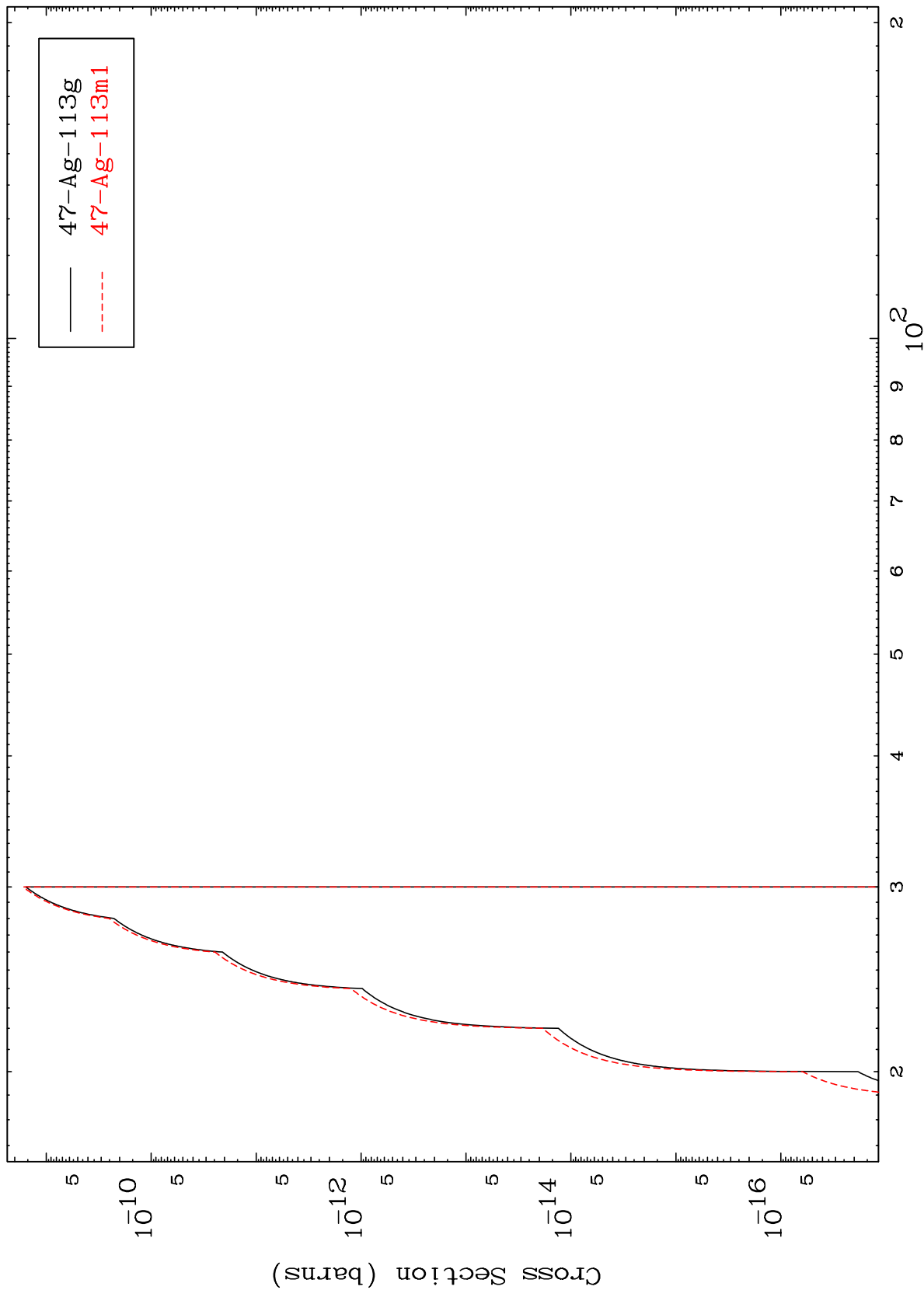
Radionuclide Production Cross Section



MAT 4938

49-In-117m

(n,2α)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

49-In-117m

(n,2p)
Radionuclide Production Cross Section

