

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

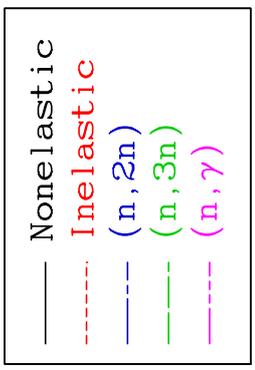
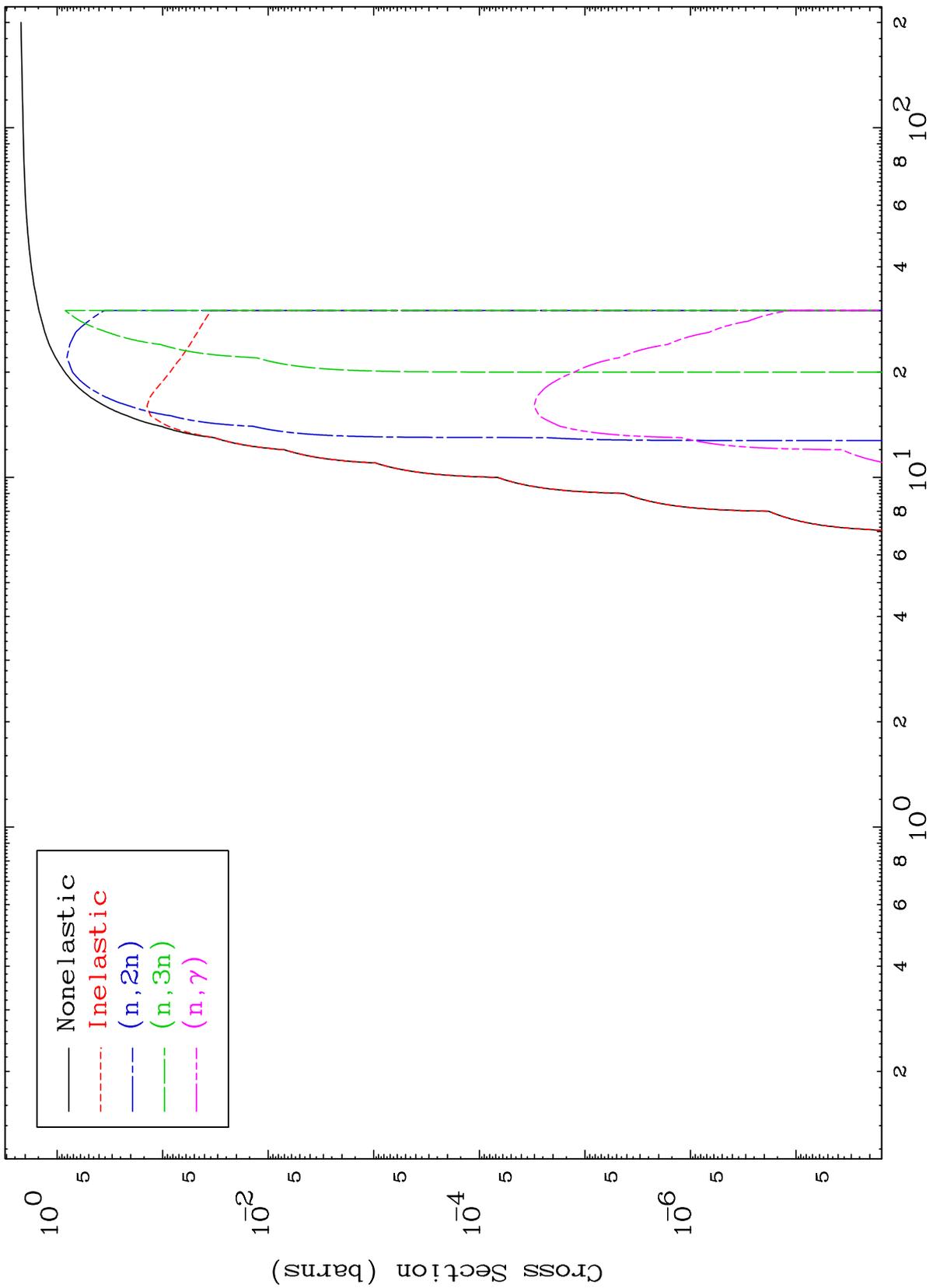
Press Mouse Button to Start

MAT 4942

α Major

49-In-118n

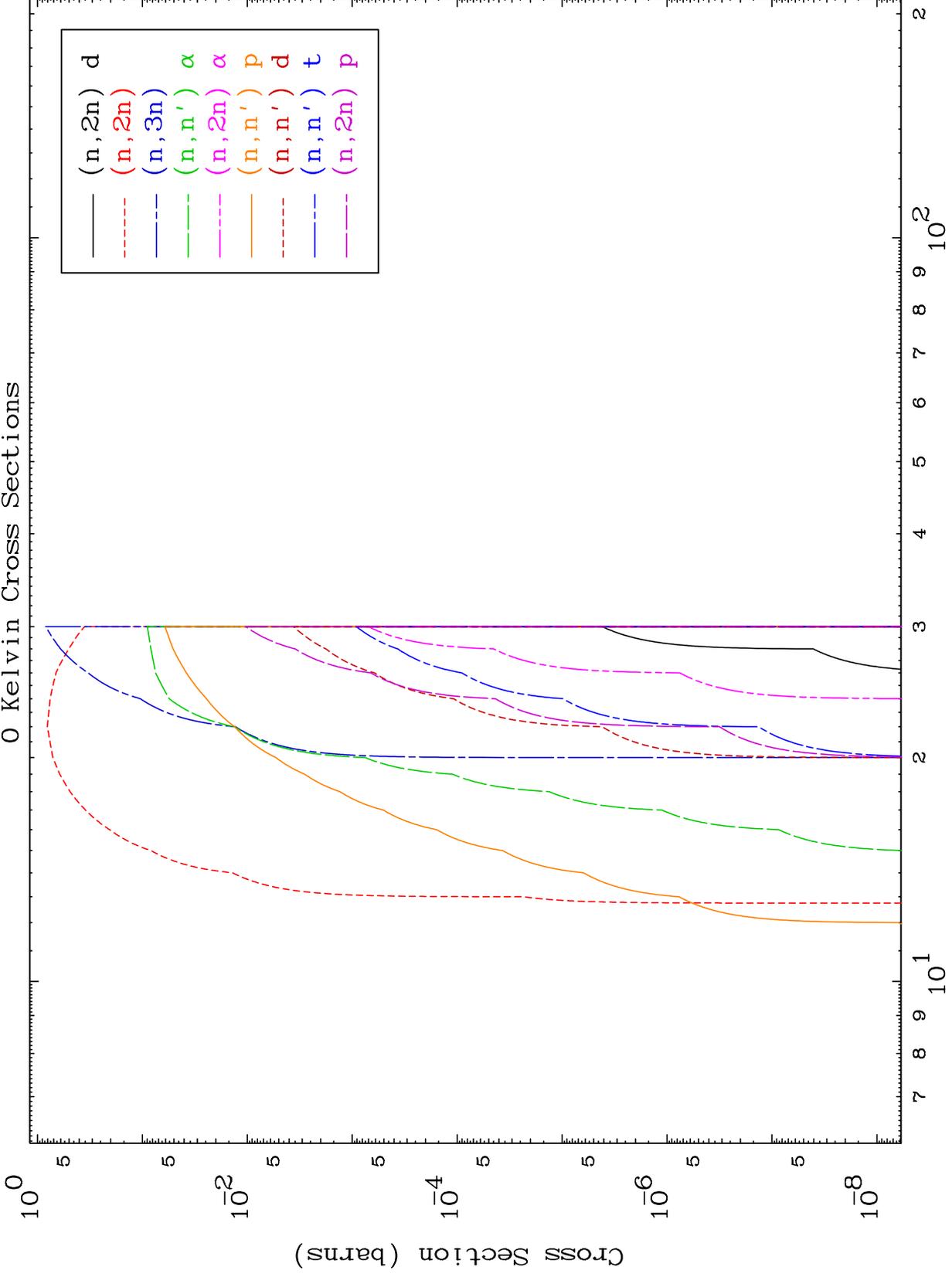
0 Kelvin Cross Sections



MAT 4942

α Neutron Absorption
0 Kelvin Cross Sections

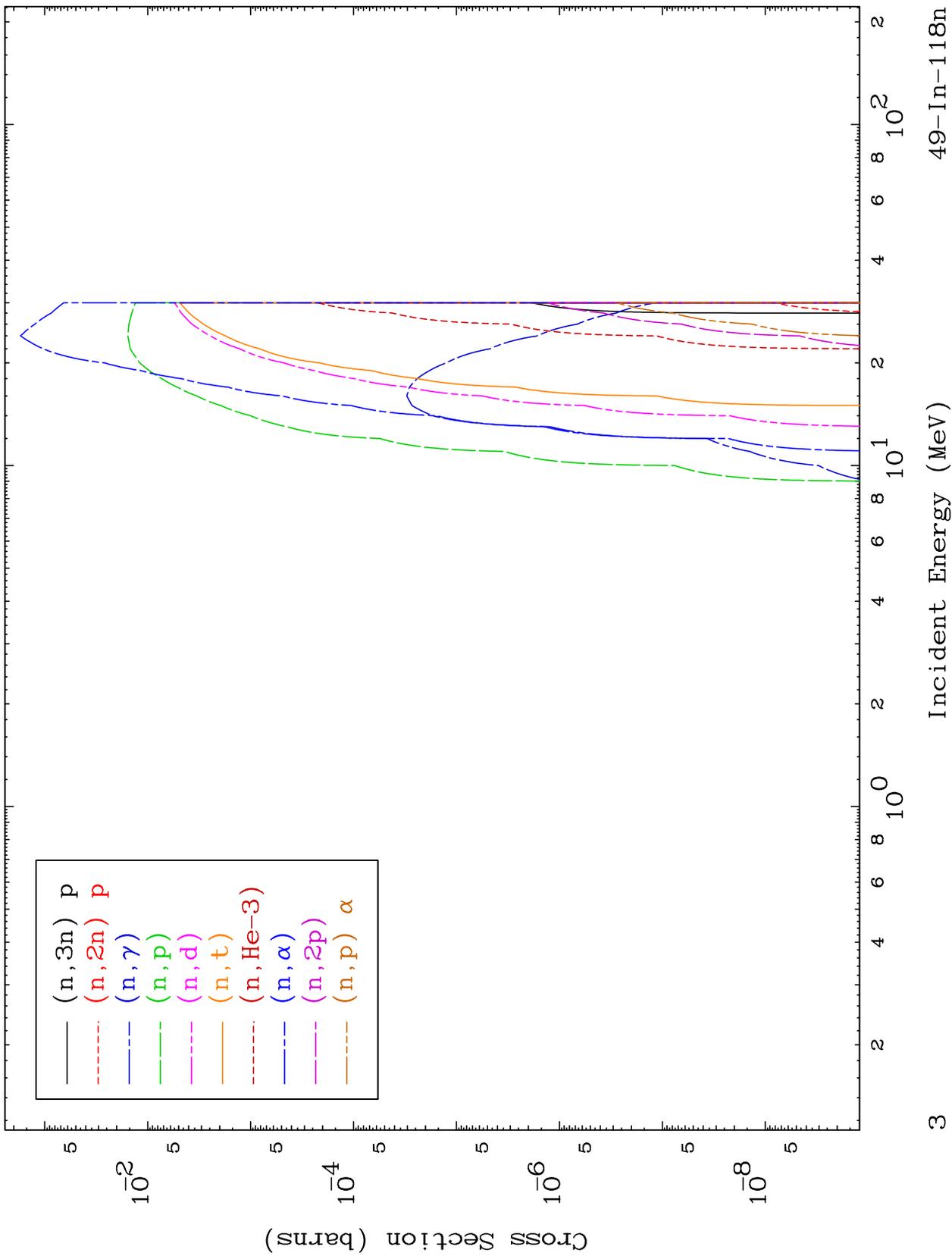
49-In-118n

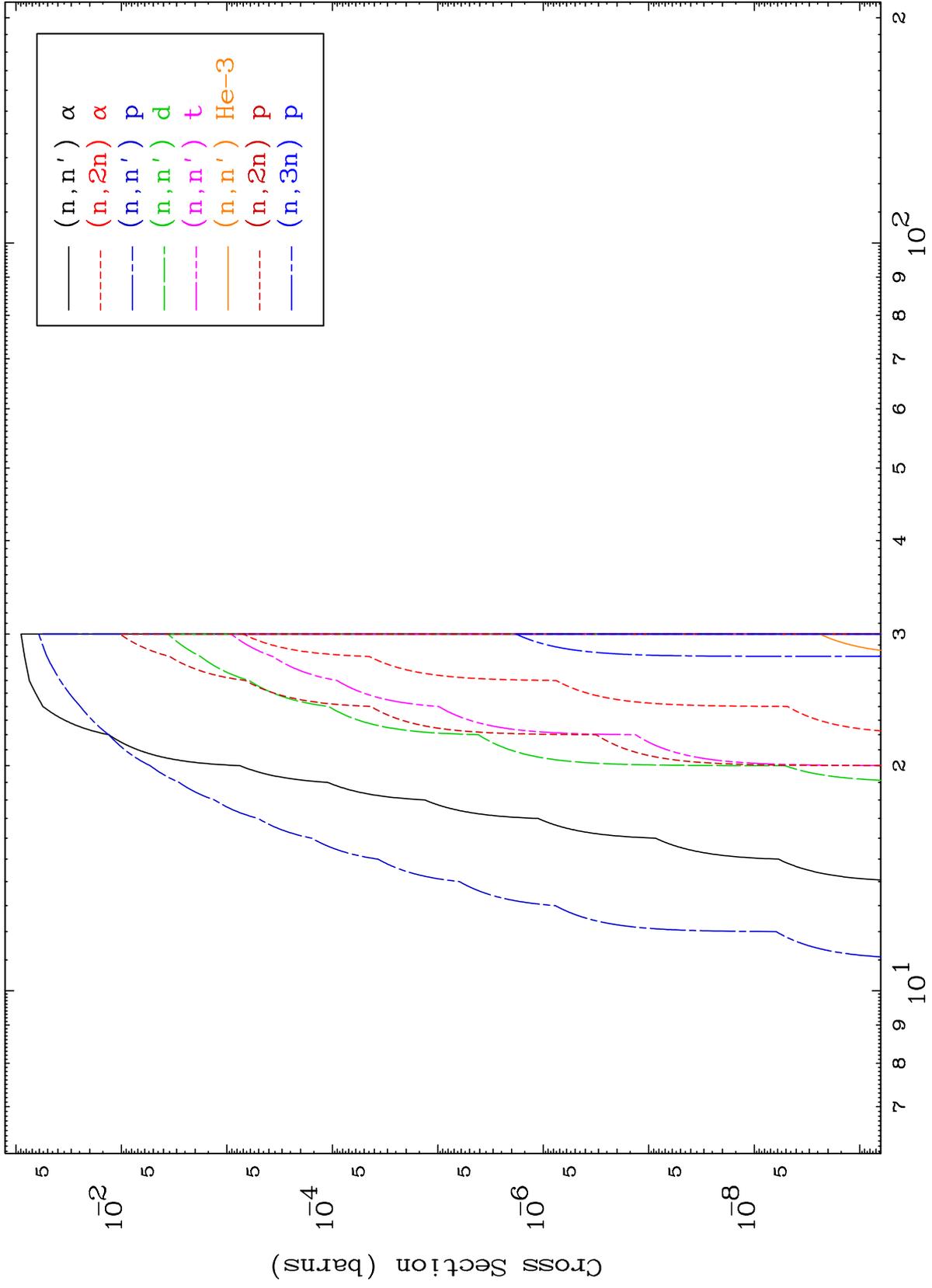


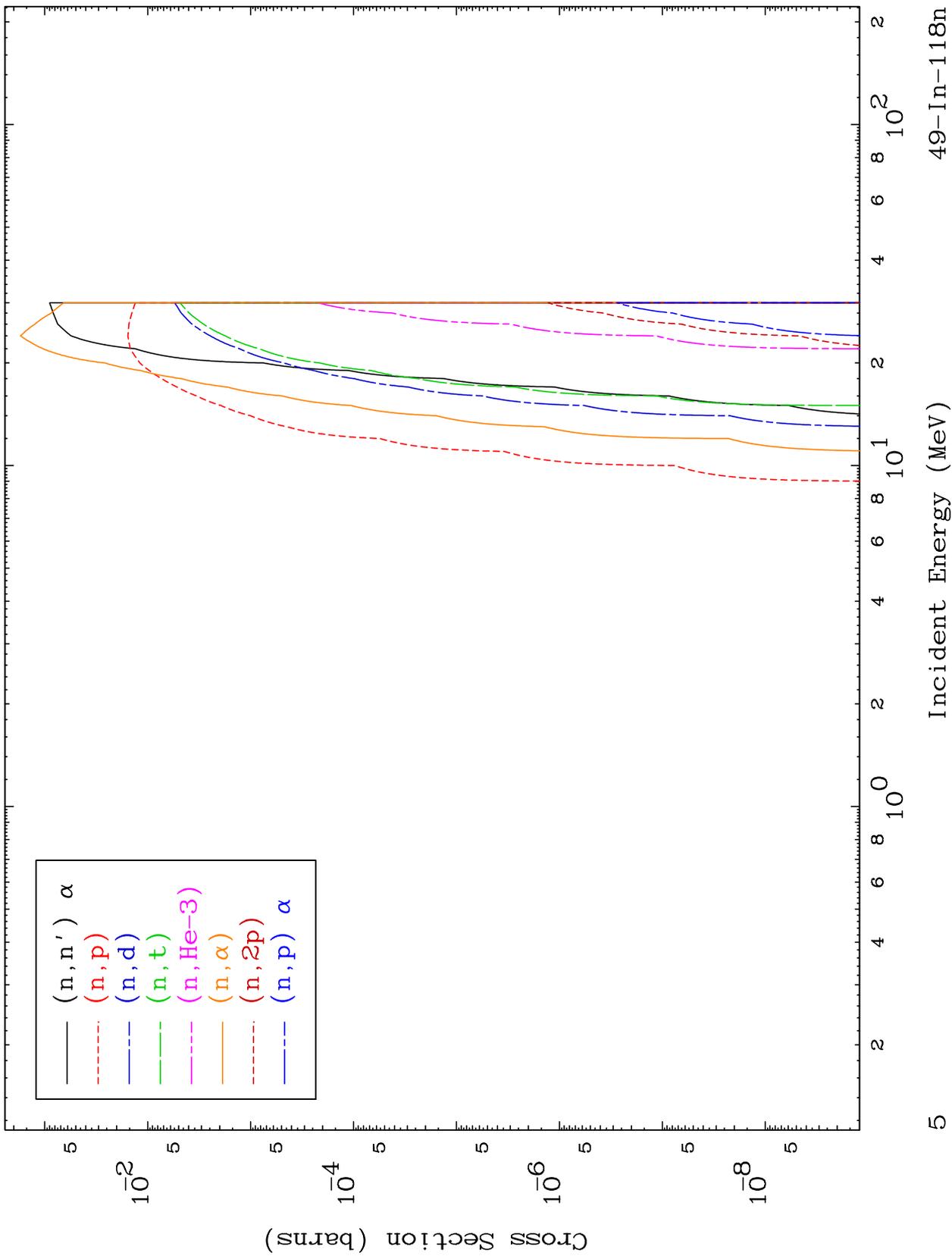
MAT 4942

α Neutron Absorption
0 Kelvin Cross Sections

$^{49}\text{In-118n}$





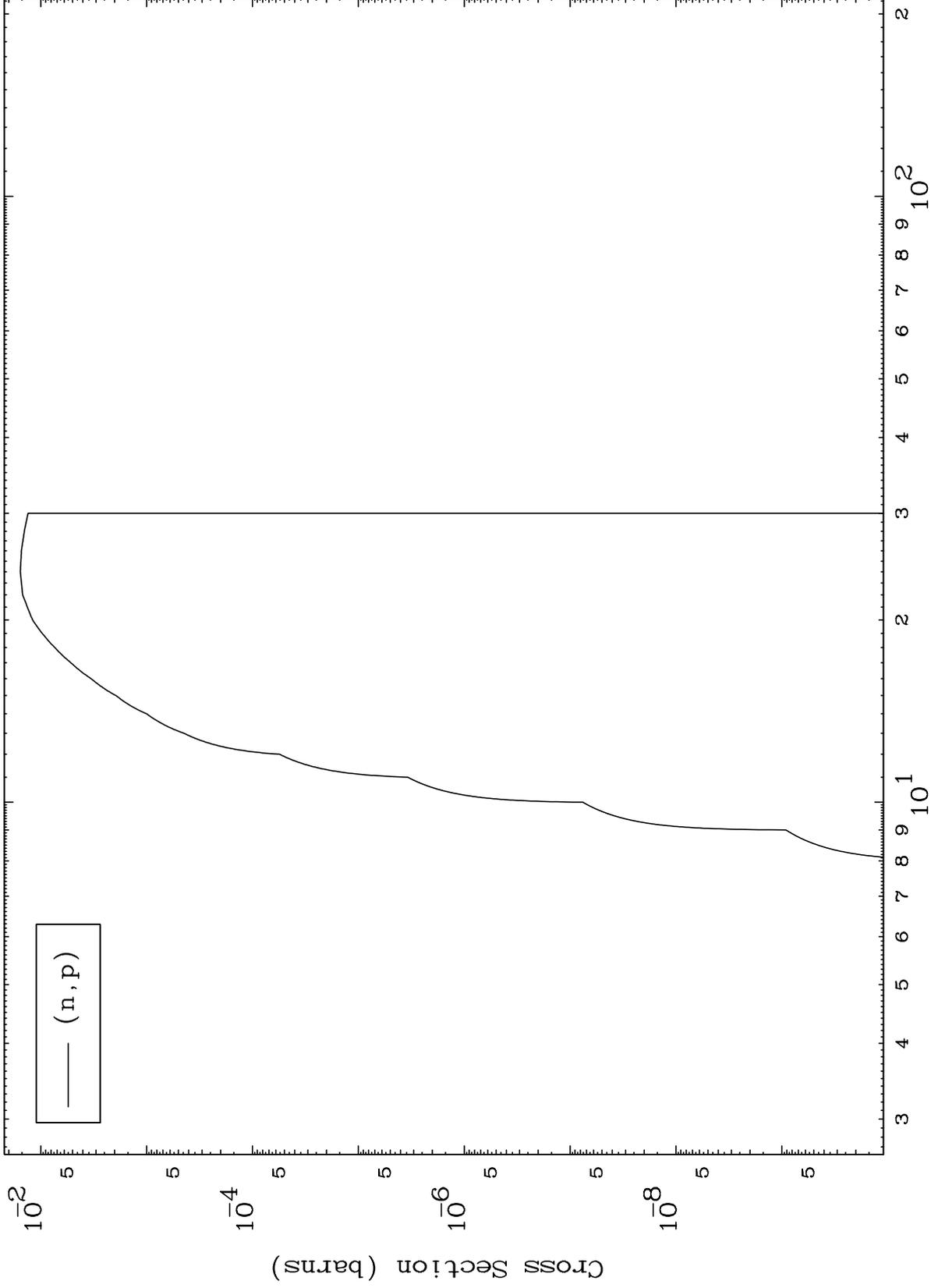


MAT 4942

(α, p) Levels

49-In-118n

0 Kelvin Cross Sections



6

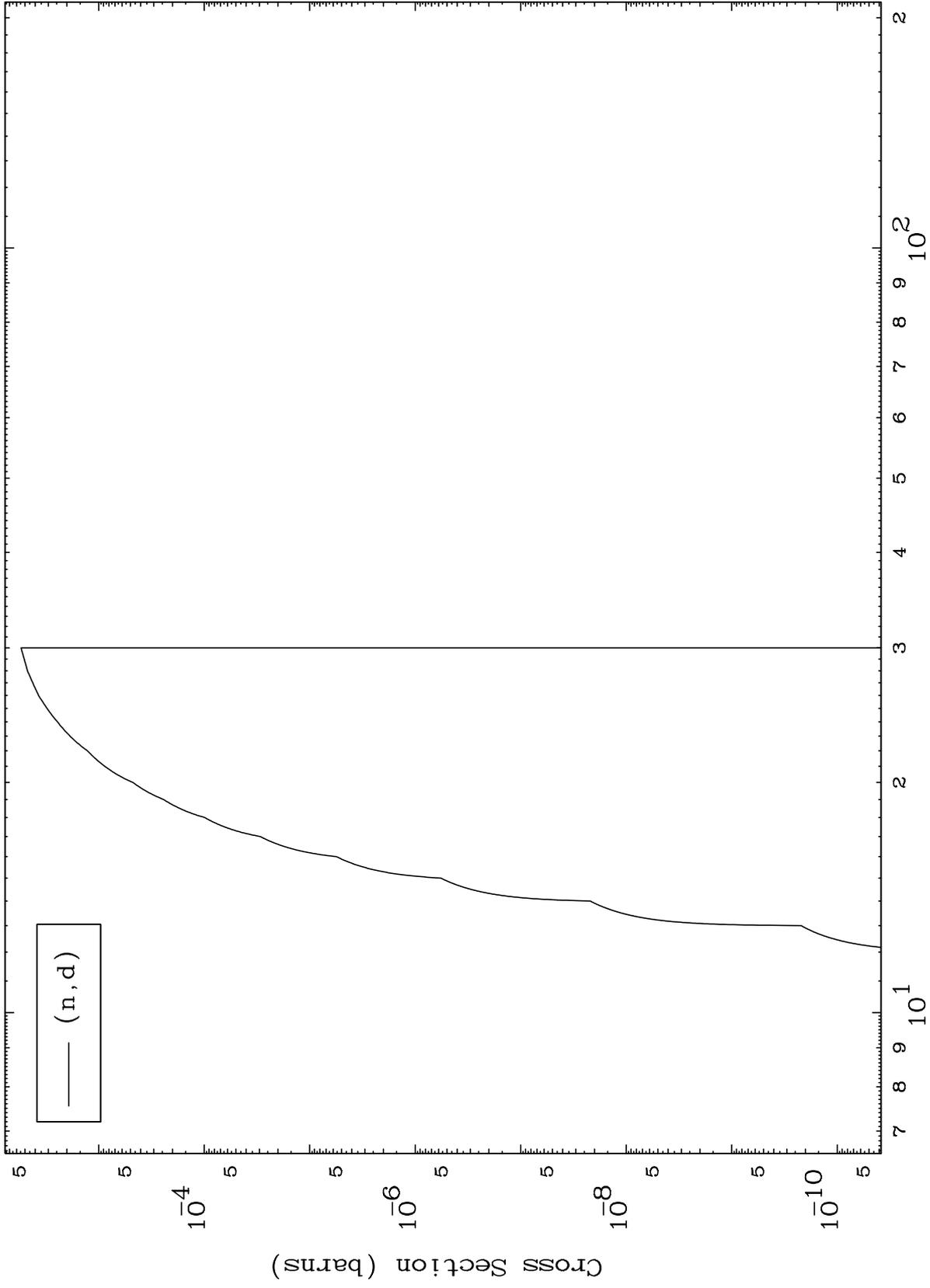
Incident Energy (MeV)

49-In-118n

MAT 4942

(α, d) Levels
0 Kelvin Cross Sections

49-In-118n



7

Incident Energy (MeV)

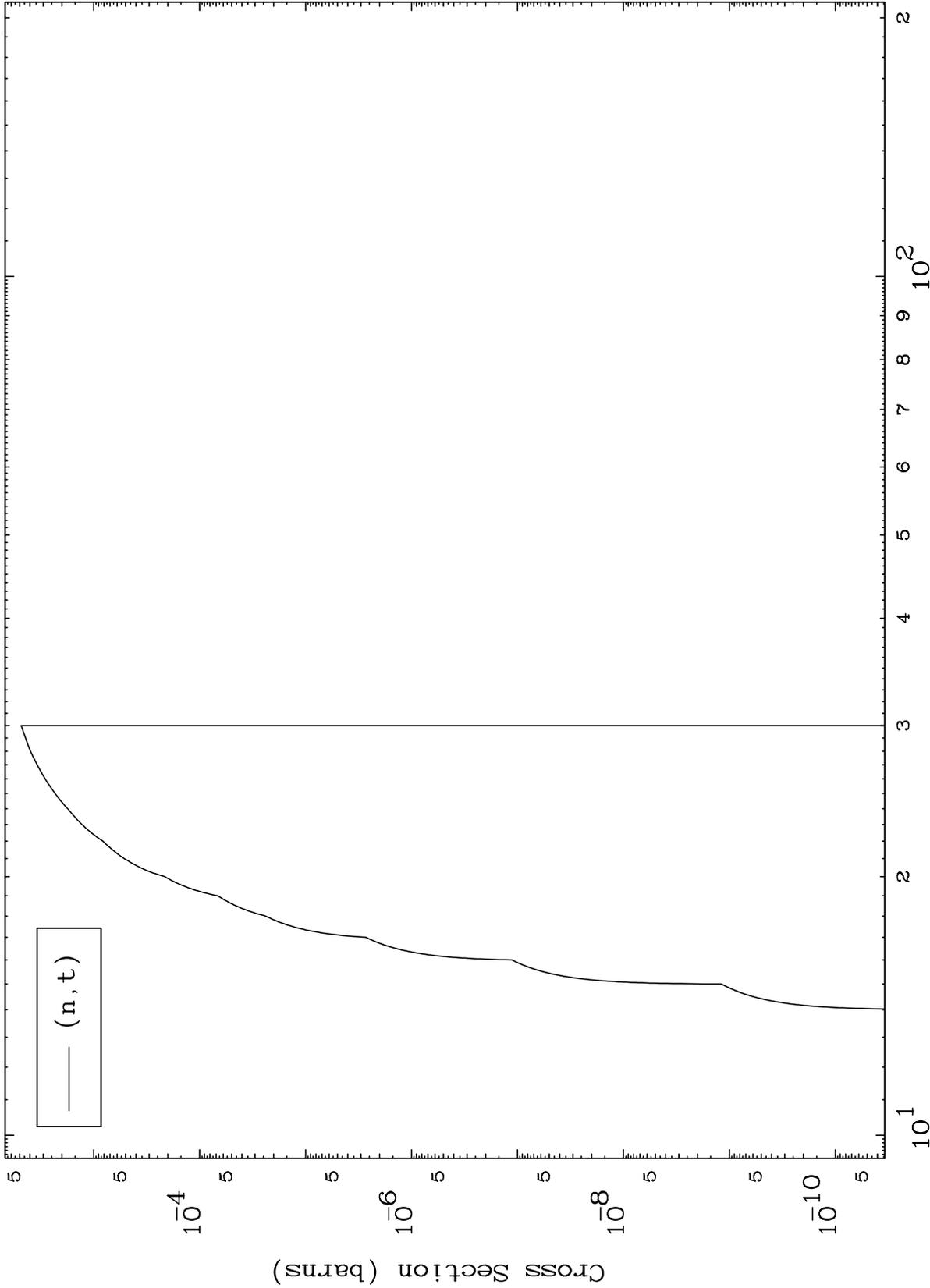
49-In-118n

MAT 4942

(α, t) Levels

49-In-118n

0 Kelvin Cross Sections



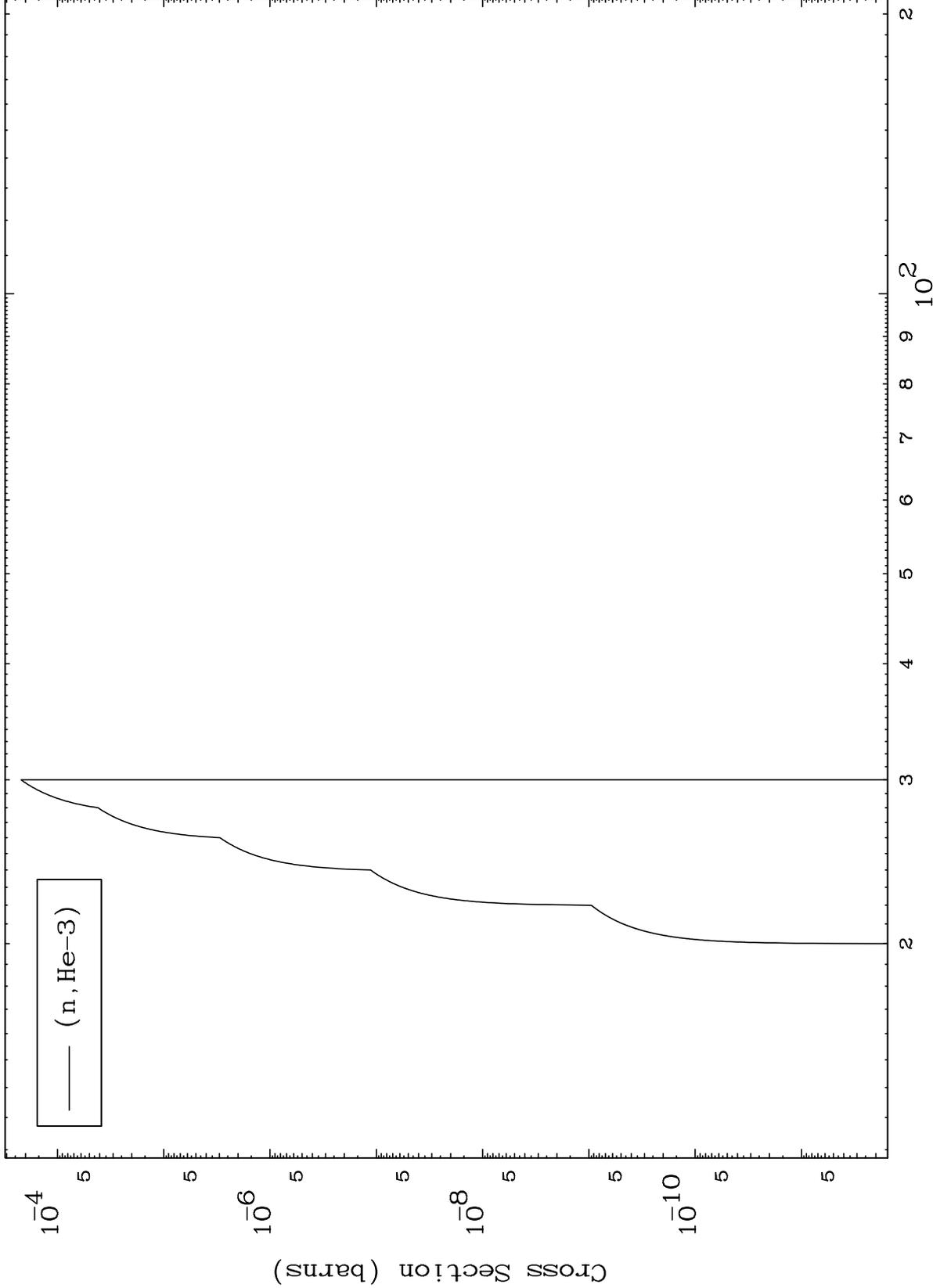
Incident Energy (MeV)

49-In-118n

MAT 4942

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

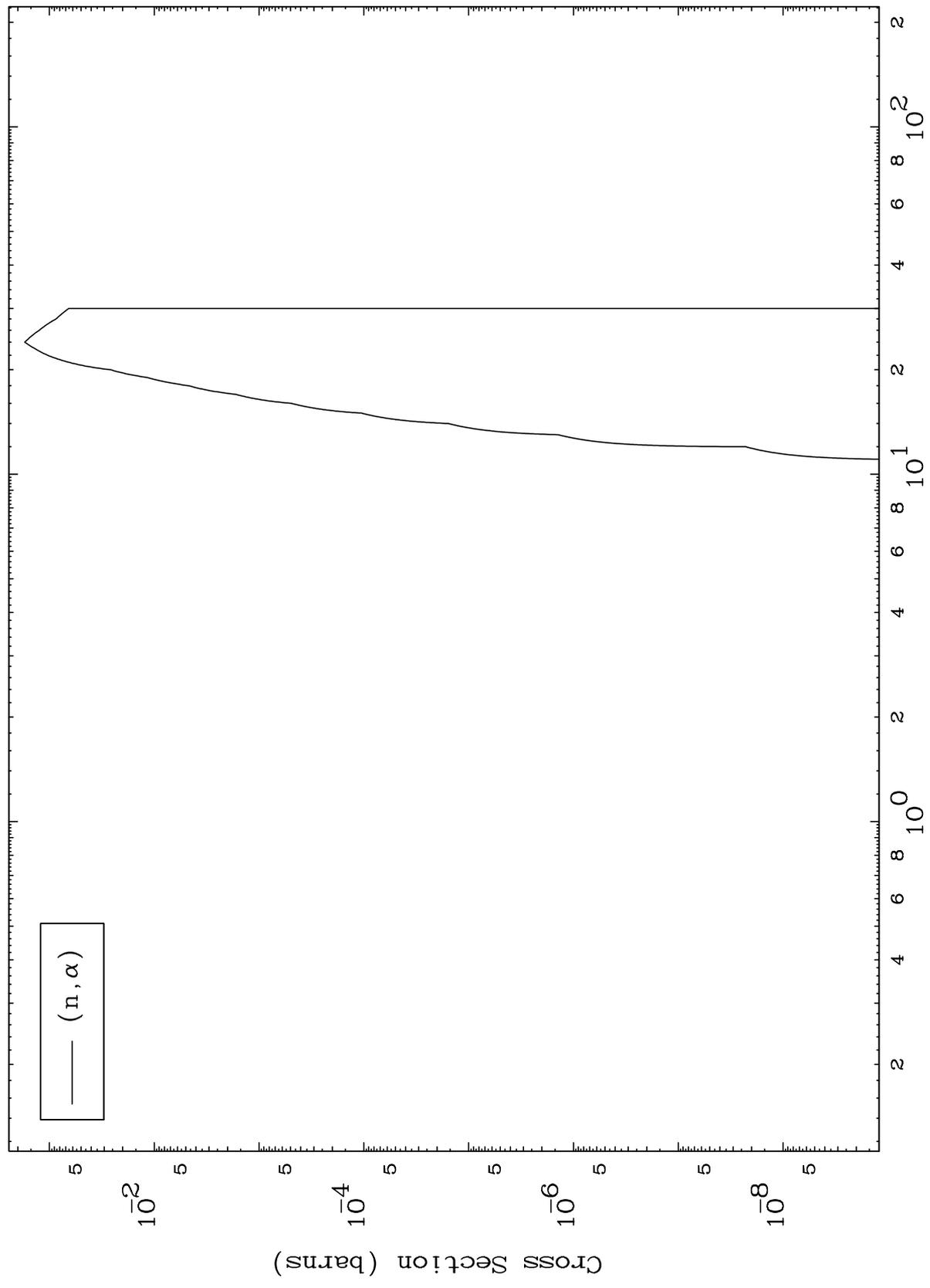
49-In-118n



MAT 4942

49-In-118n

(α, α) Levels
0 Kelvin Cross Sections



49-In-118n

Incident Energy (MeV)

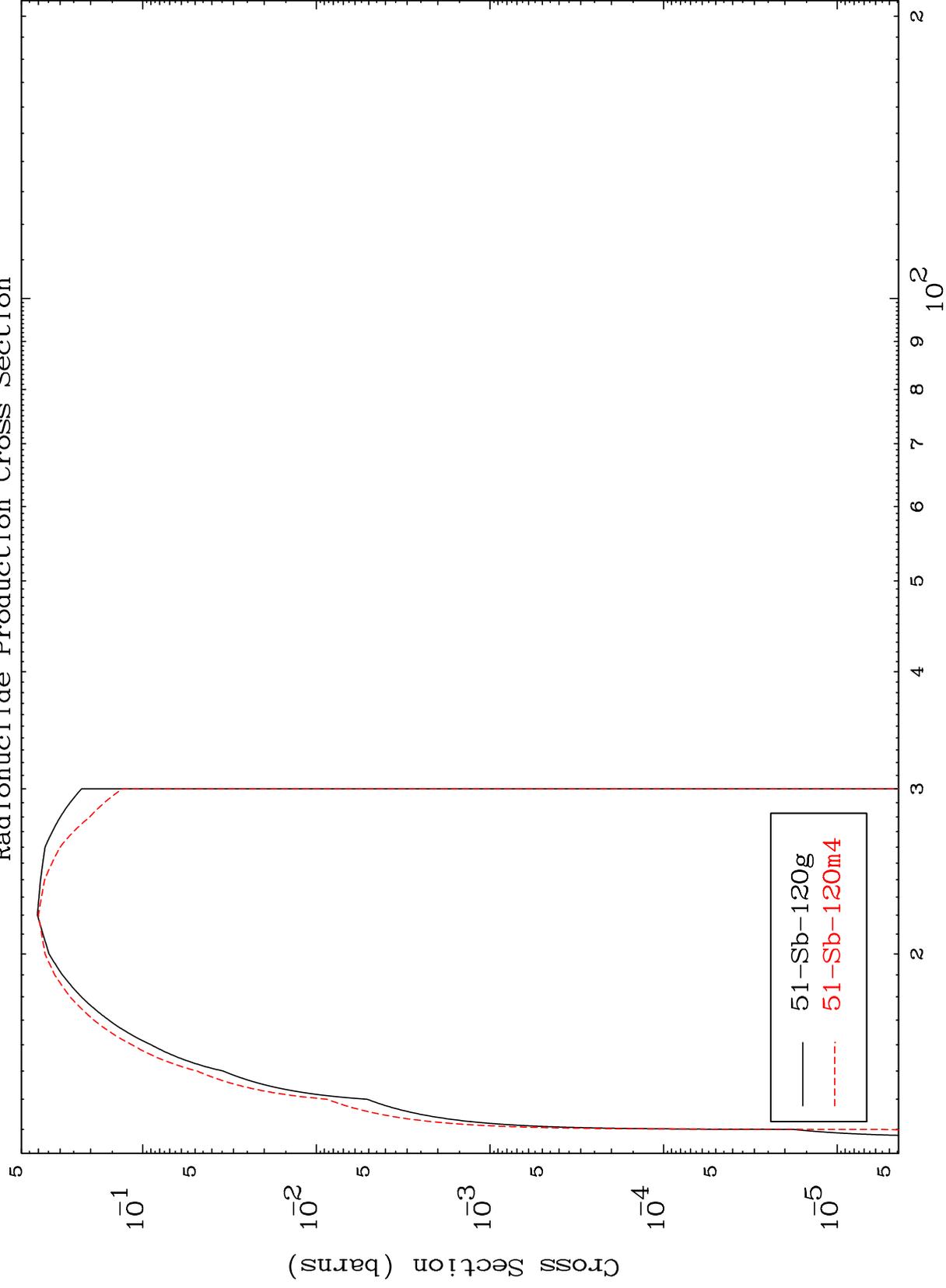
10

MAT 4942

(n,2n)

49-In-118n

Radionuclide Production Cross Section

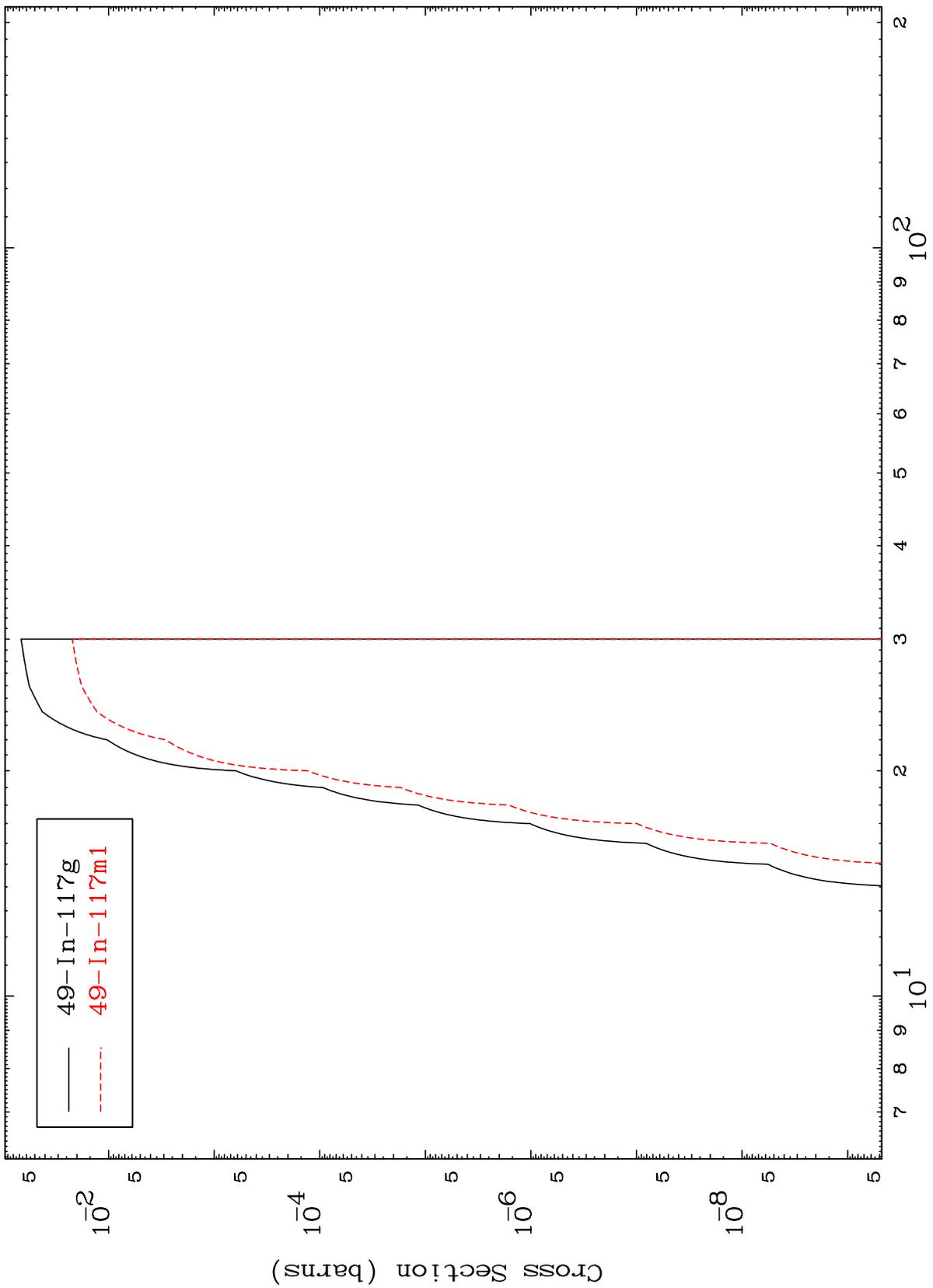


MAT 4942

(n,n') α

49-In-118n

Radionuclide Production Cross Section



12

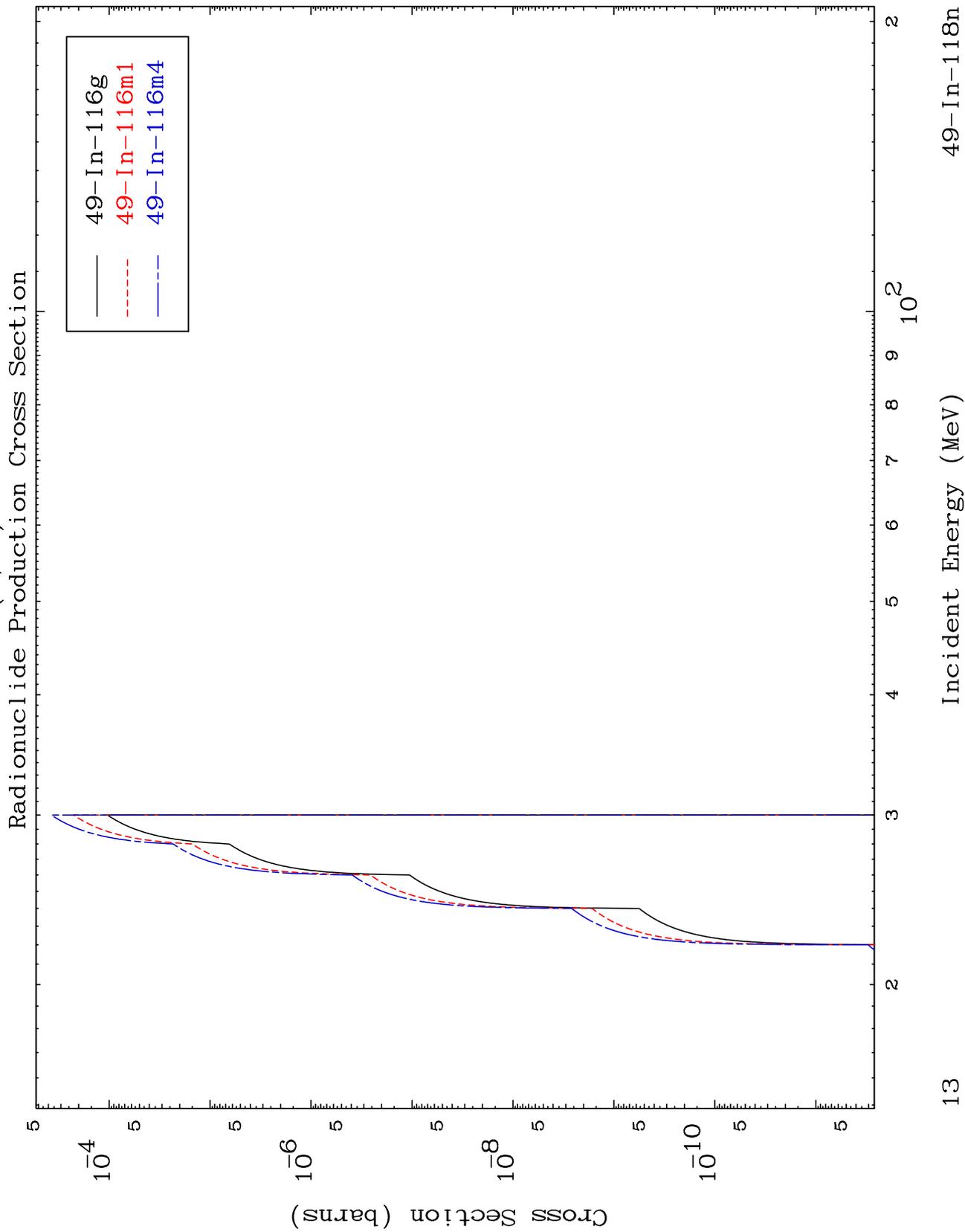
Incident Energy (MeV)

49-In-118n

MAT 4942

(n,2n) α

49-In-118n



13

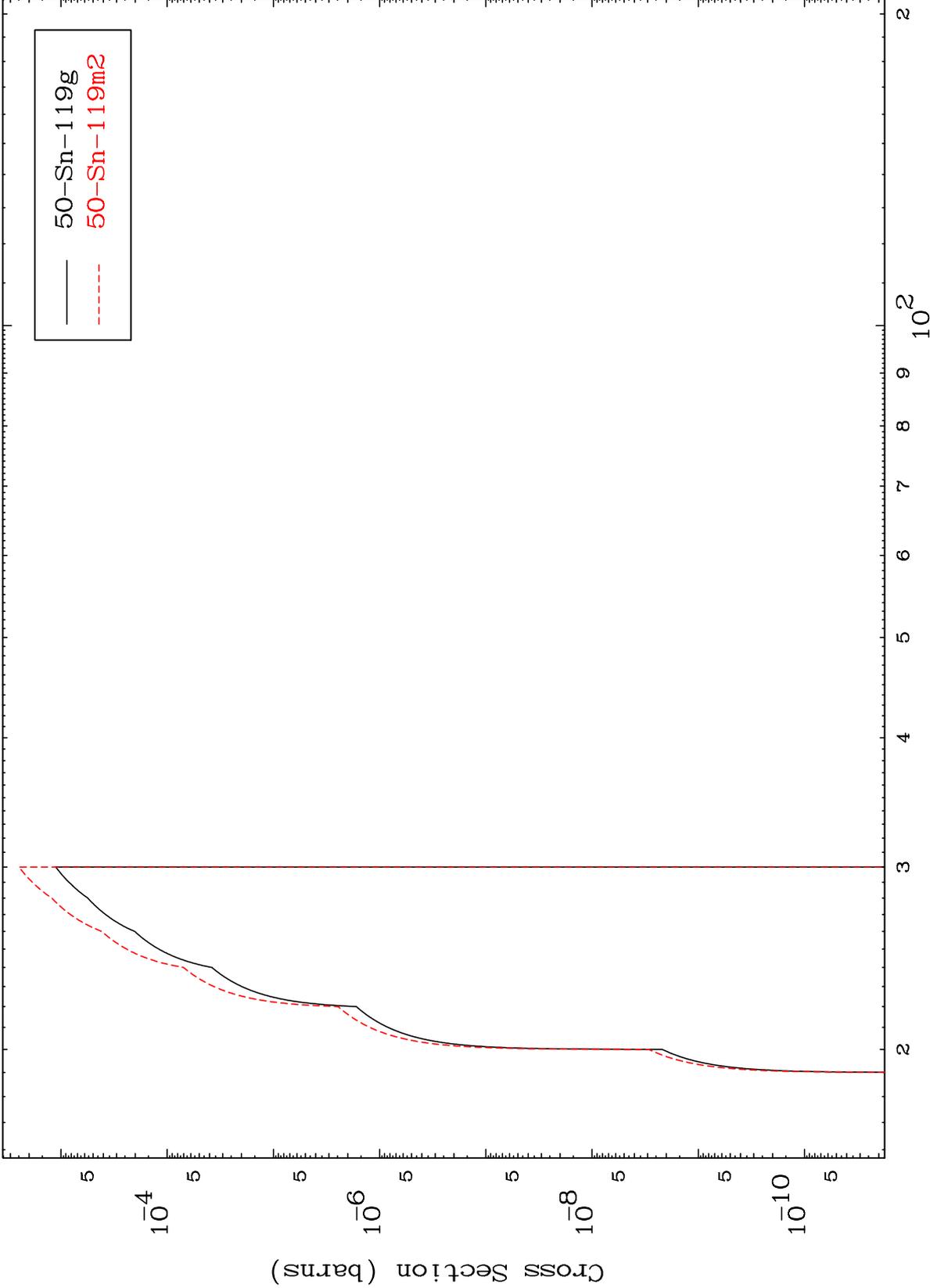
49-In-118n

MAT 4942

(n,n') d

49-In-118n

Radionuclide Production Cross Section



14

Incident Energy (MeV)

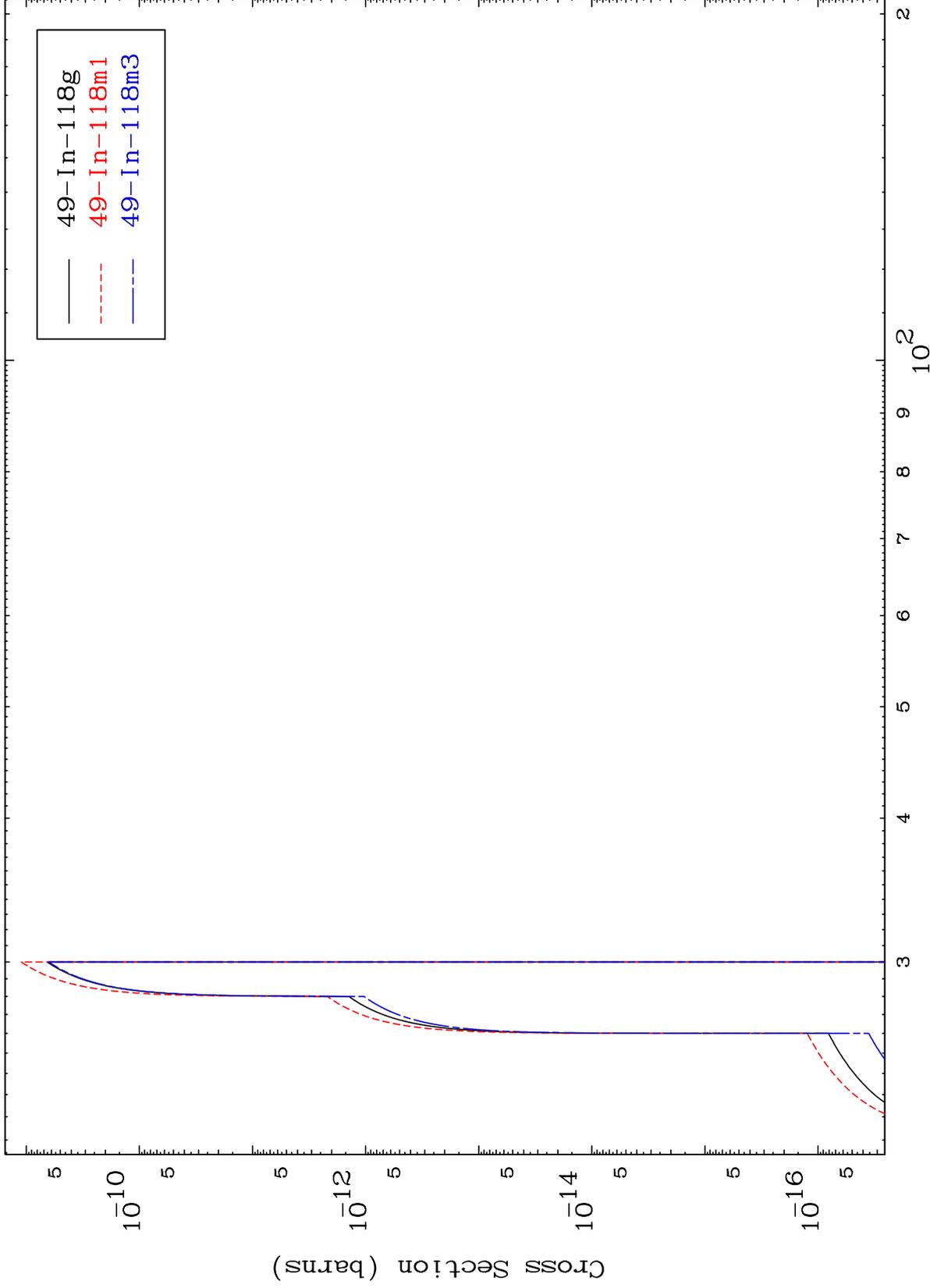
49-In-118n

MAT 4942

(n,n') He-3

49-In-118n

Radionuclide Production Cross Section



15

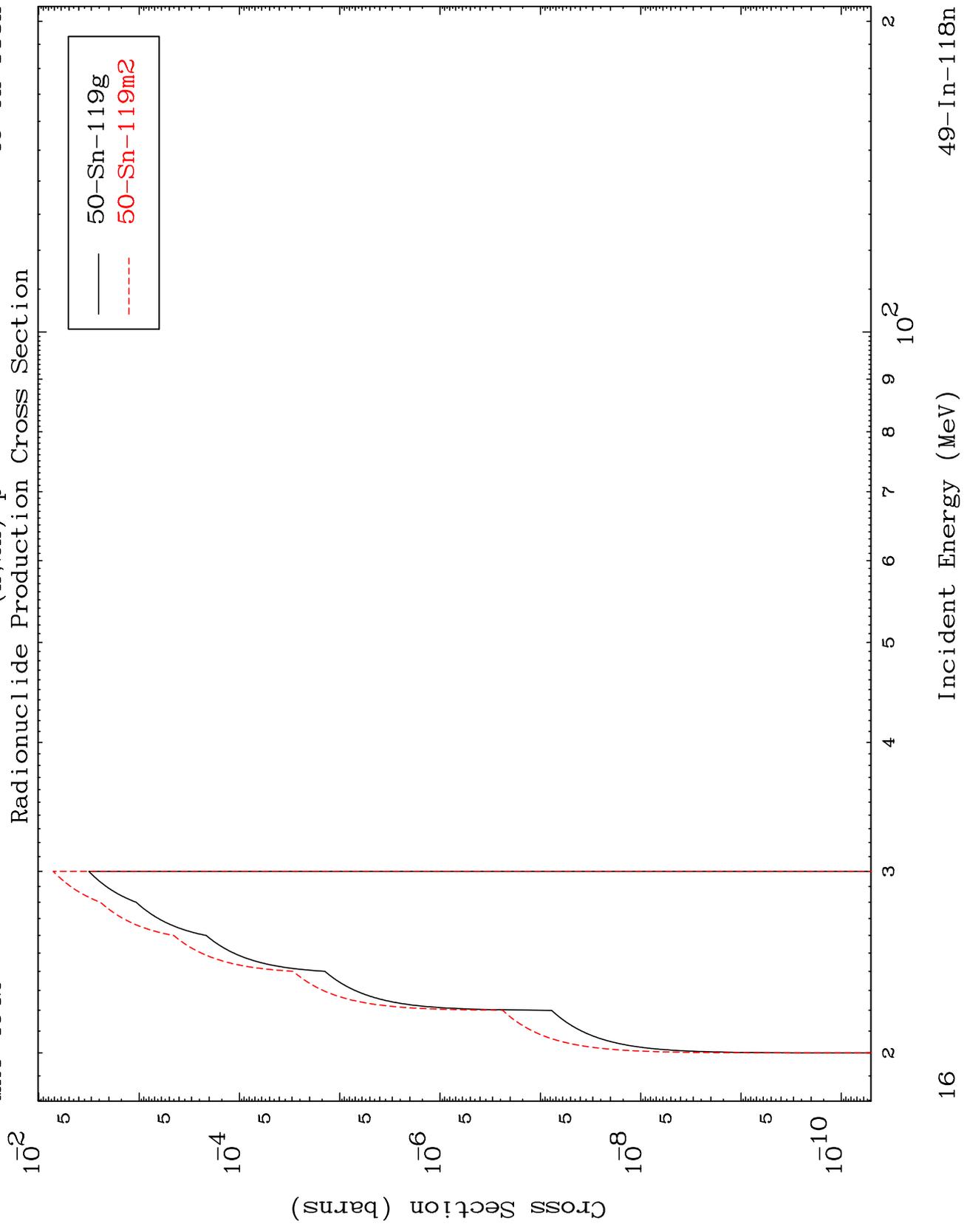
Incident Energy (MeV)

49-In-118n

MAT 4942

(n,2n) p

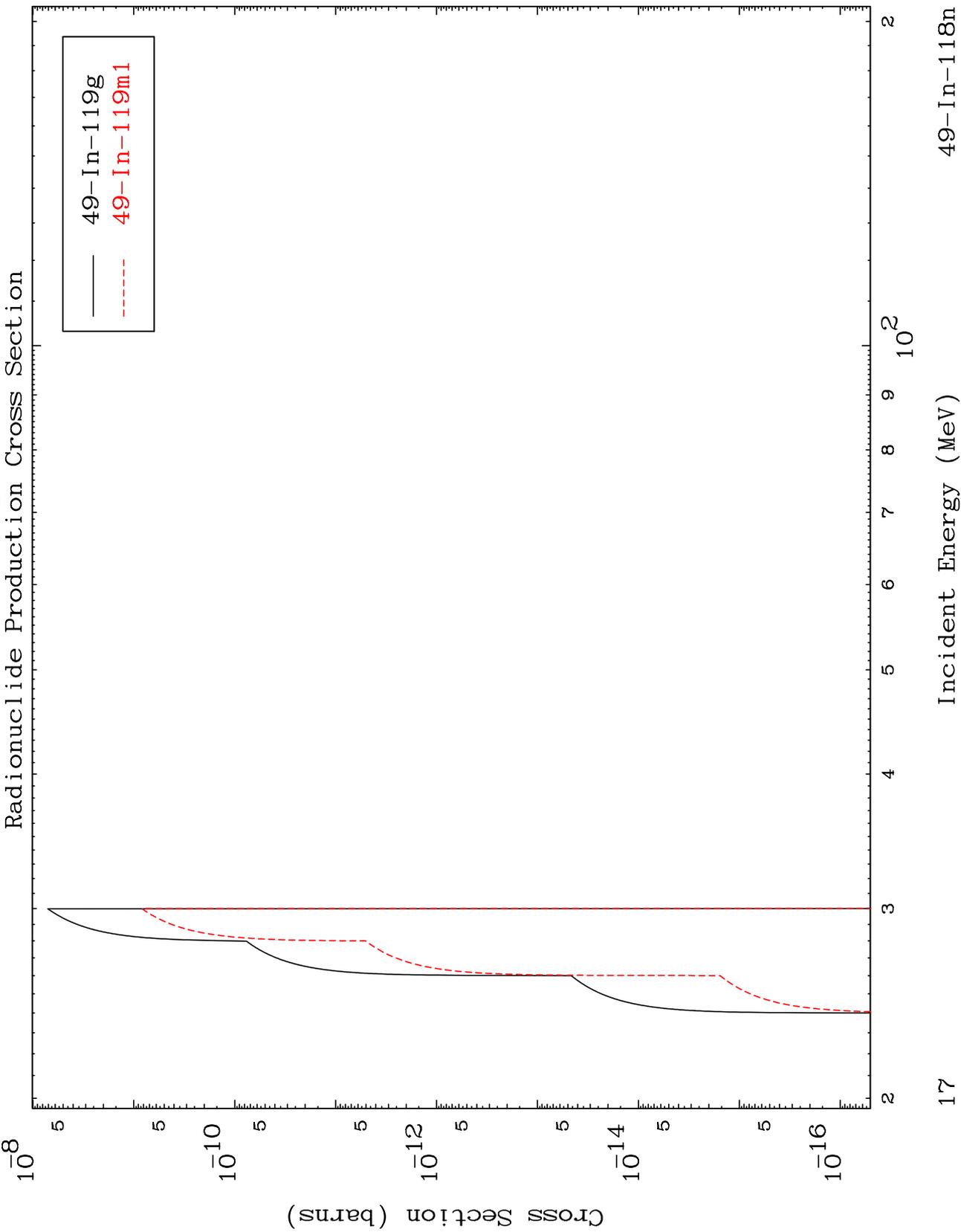
49-In-118n



MAT 4942

(n,2n) p

49-In-118n



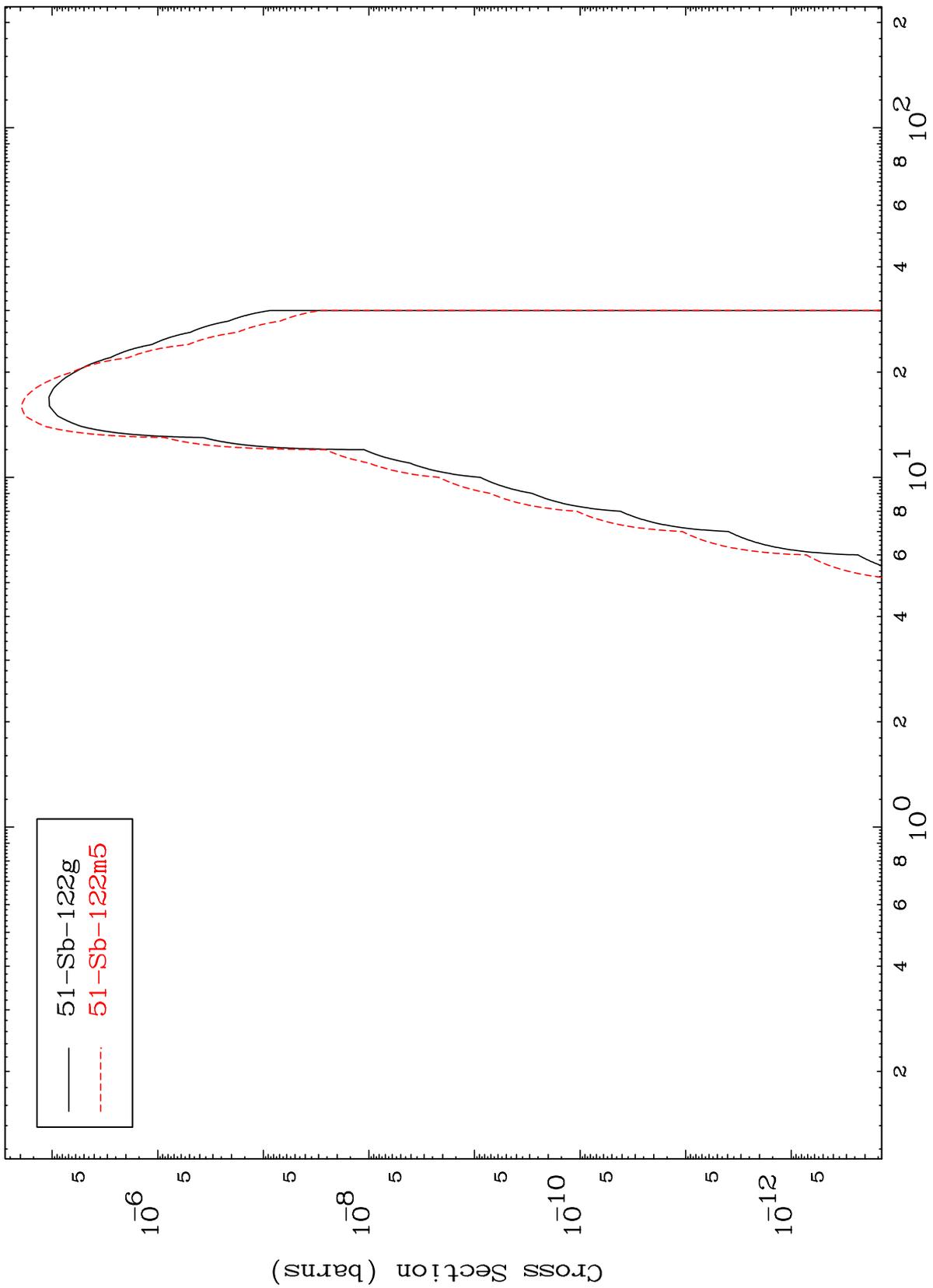
17

49-In-118n

MAT 4942

49-In-118n

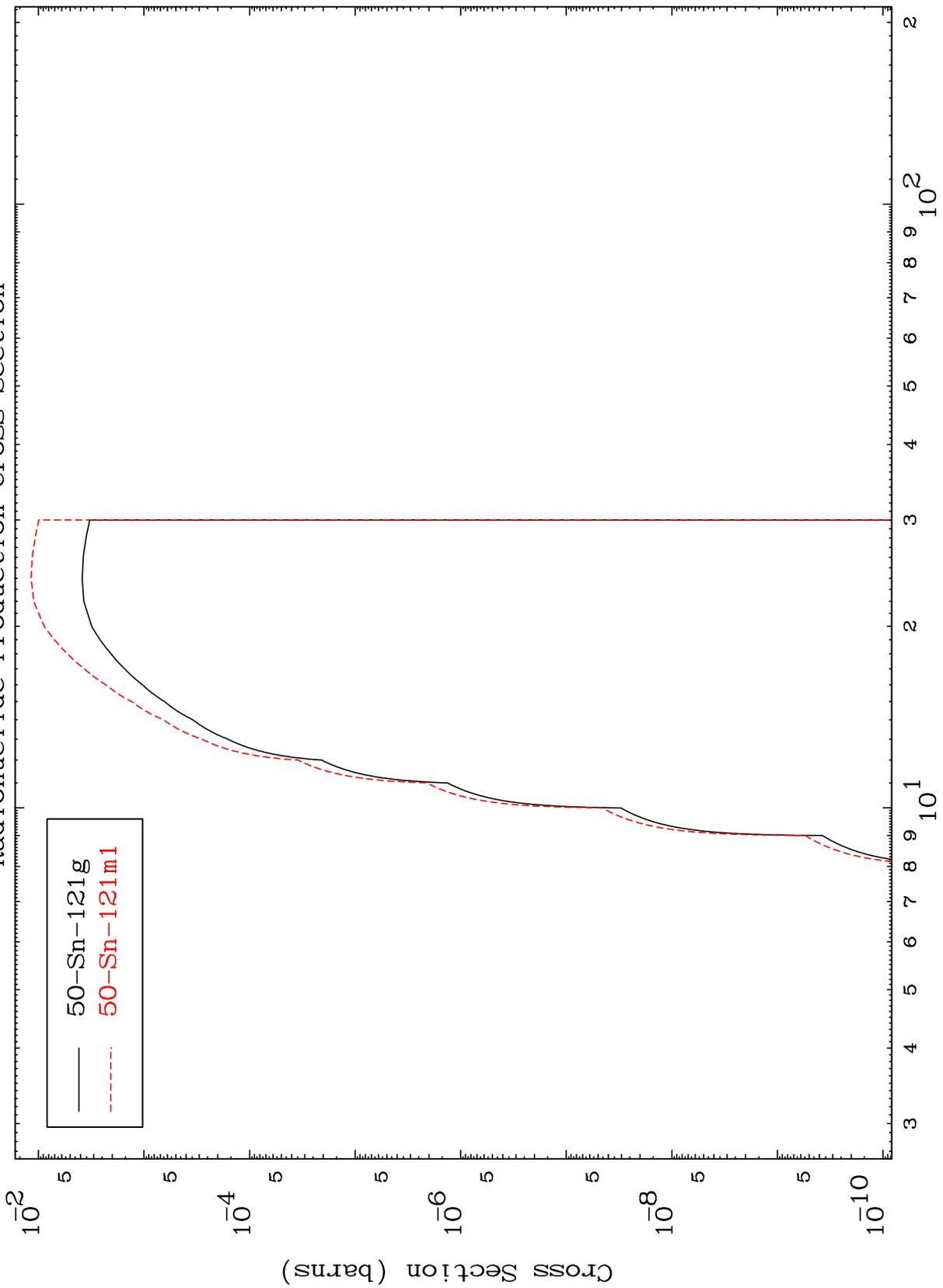
Radionuclide Production Cross Section



MAT 4942

49-In-118n

Radionuclide Production Cross Section



19

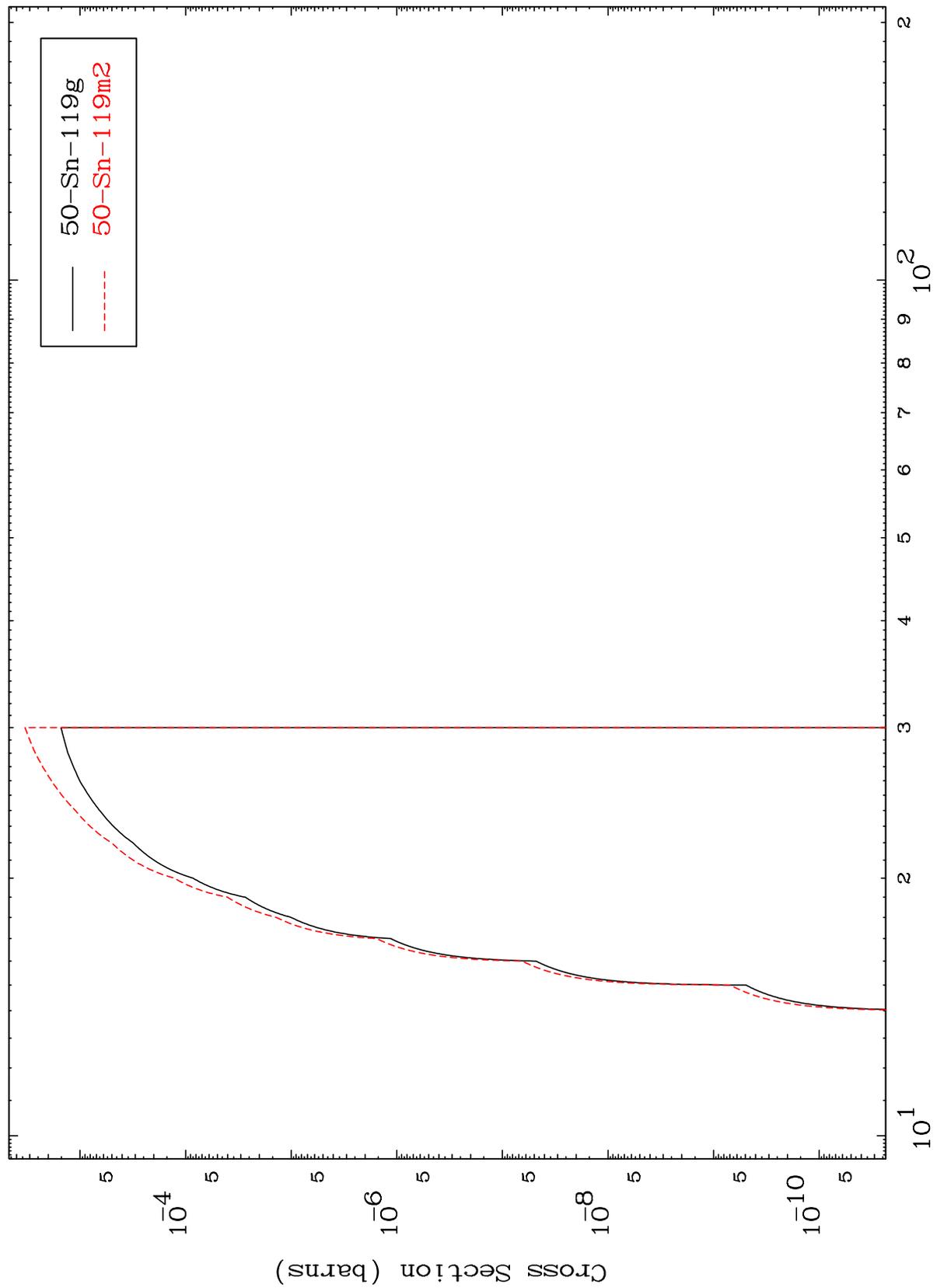
Incident Energy (MeV)

49-In-118n

MAT 4942

49-In-118n

(n,t)
Radionuclide Production Cross Section



49-In-118n

Incident Energy (MeV)

10¹

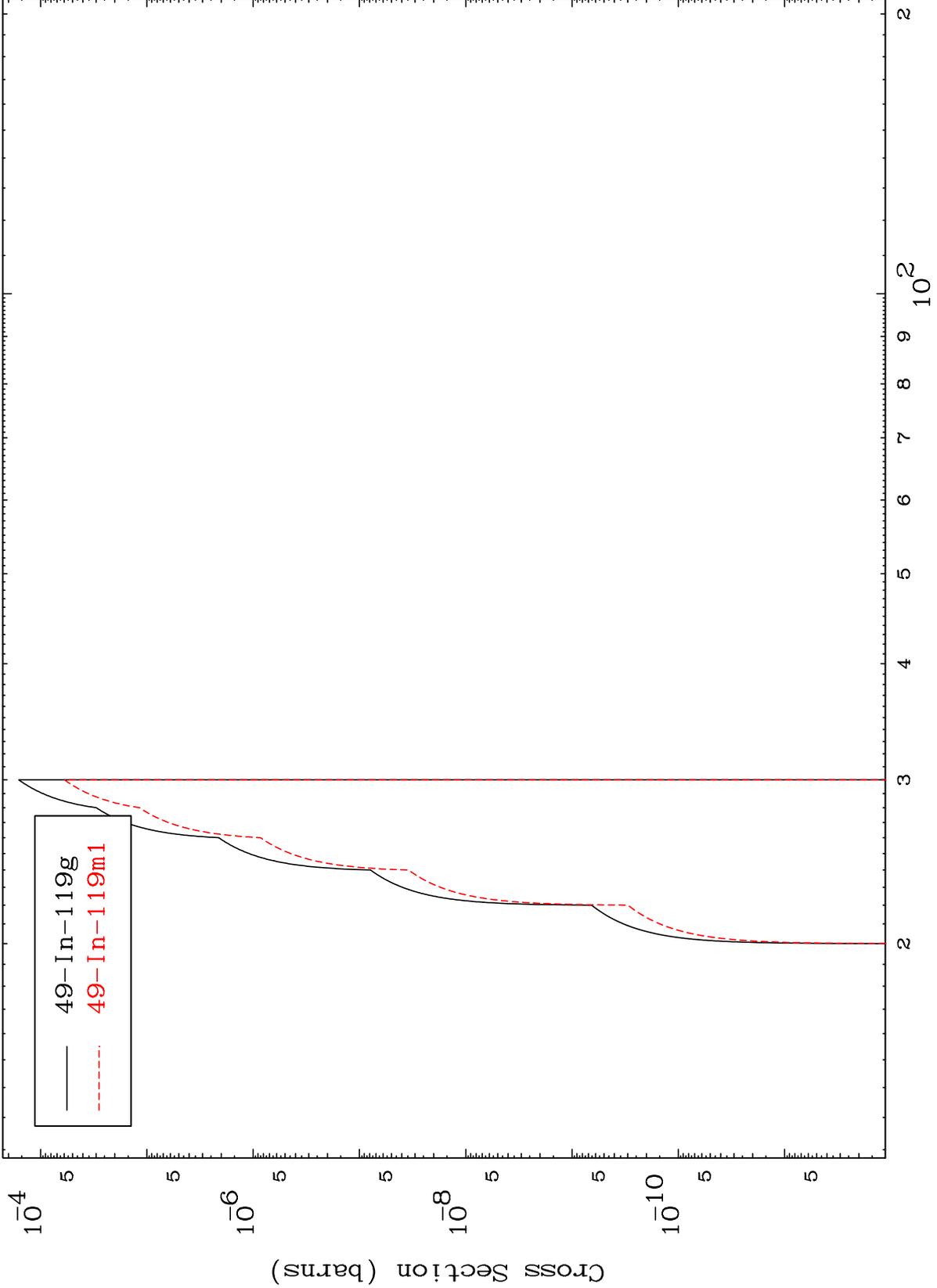
10²

MAT 4942

(n,He-3)

49-In-118n

Radionuclide Production Cross Section

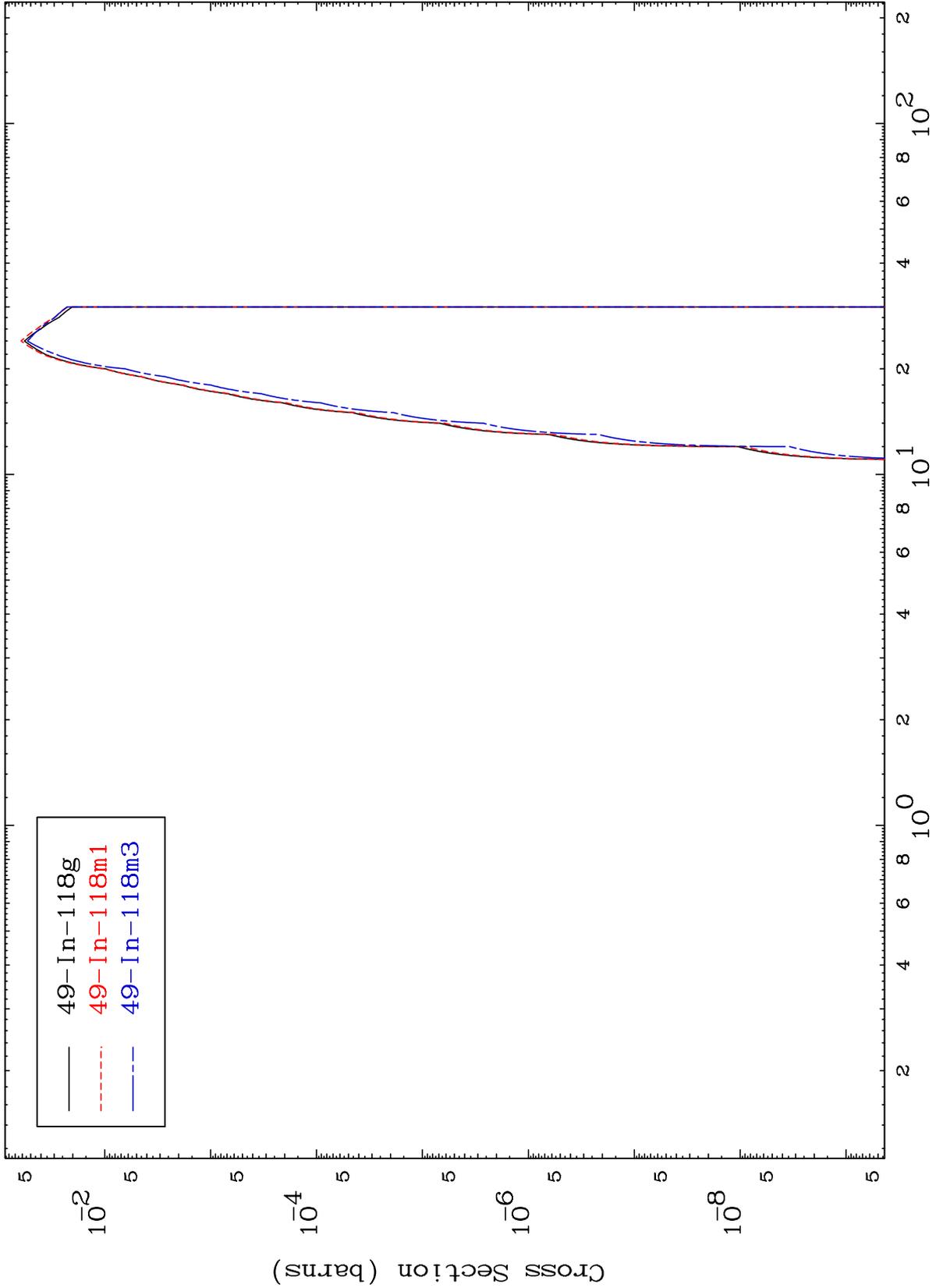


MAT 4942

49-In-118n

(n, α)

Radionuclide Production Cross Section



49-In-118n

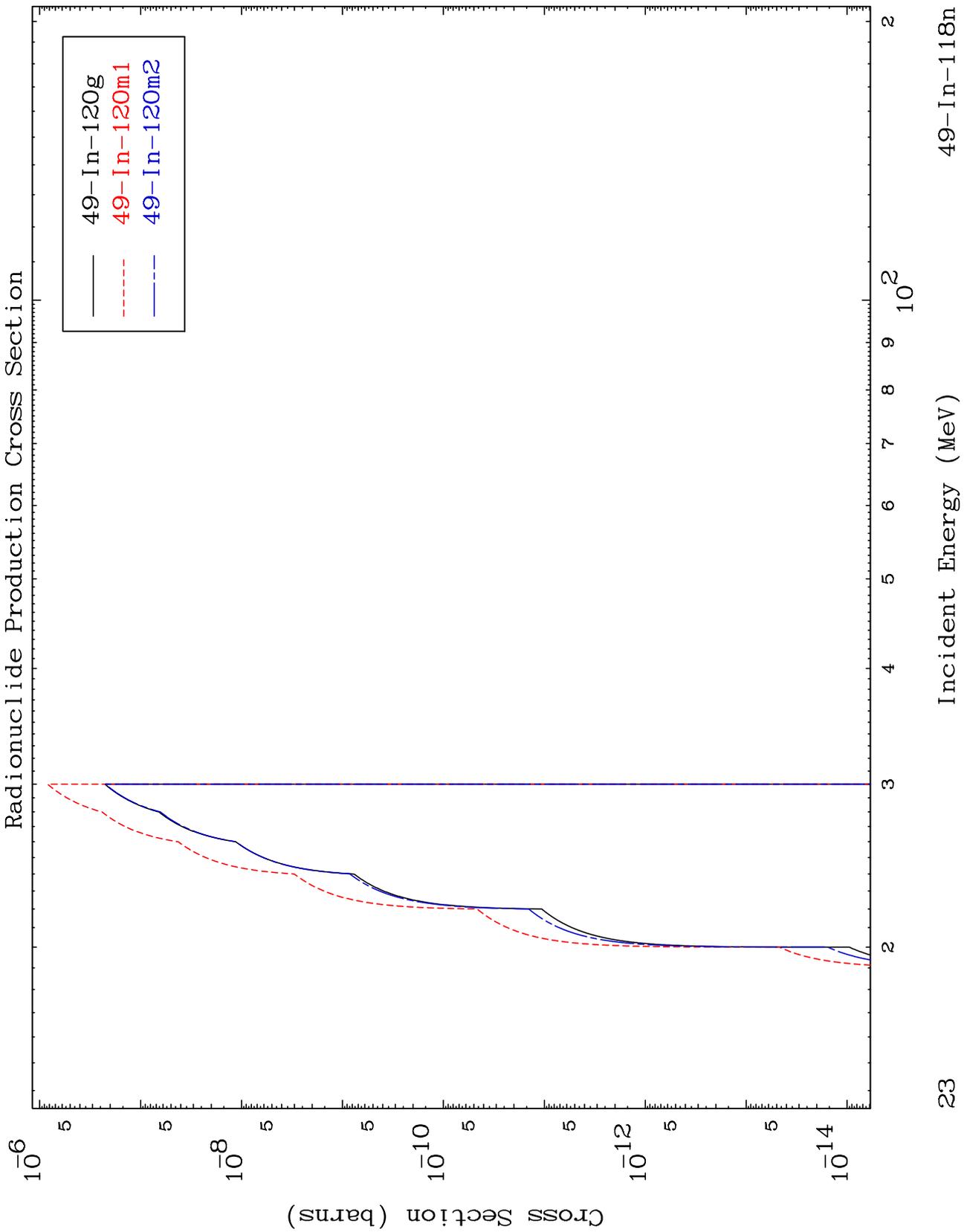
Incident Energy (MeV)

22

MAT 4942

(n,2p)

49-In-118n

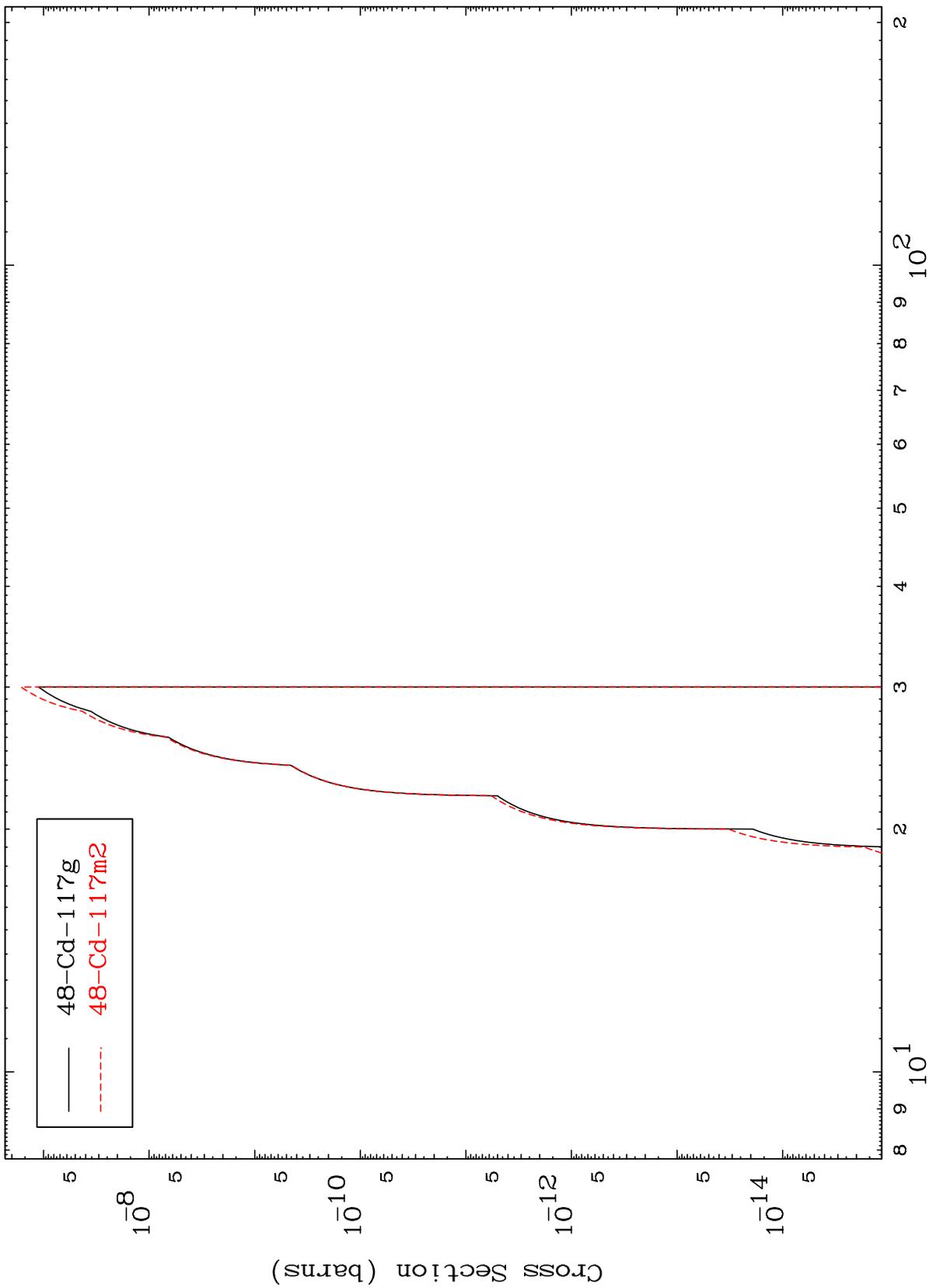


MAT 4942

(n,p) α

$^{49}\text{In-118n}$

Radionuclide Production Cross Section



24

Incident Energy (MeV)

$^{49}\text{In-118n}$