

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

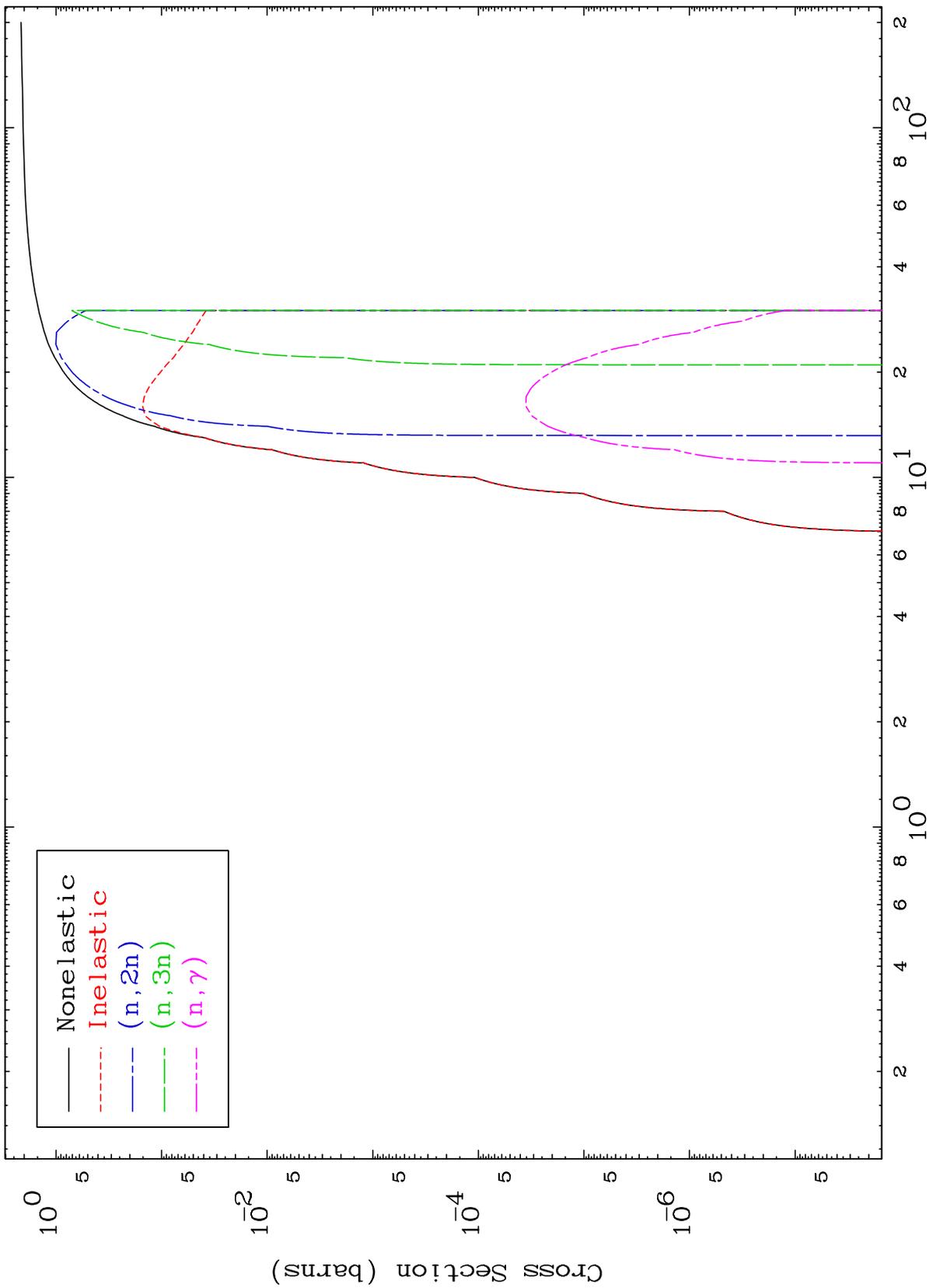
Press Mouse Button to Start

MAT 4846

α Major

48-Cd-113

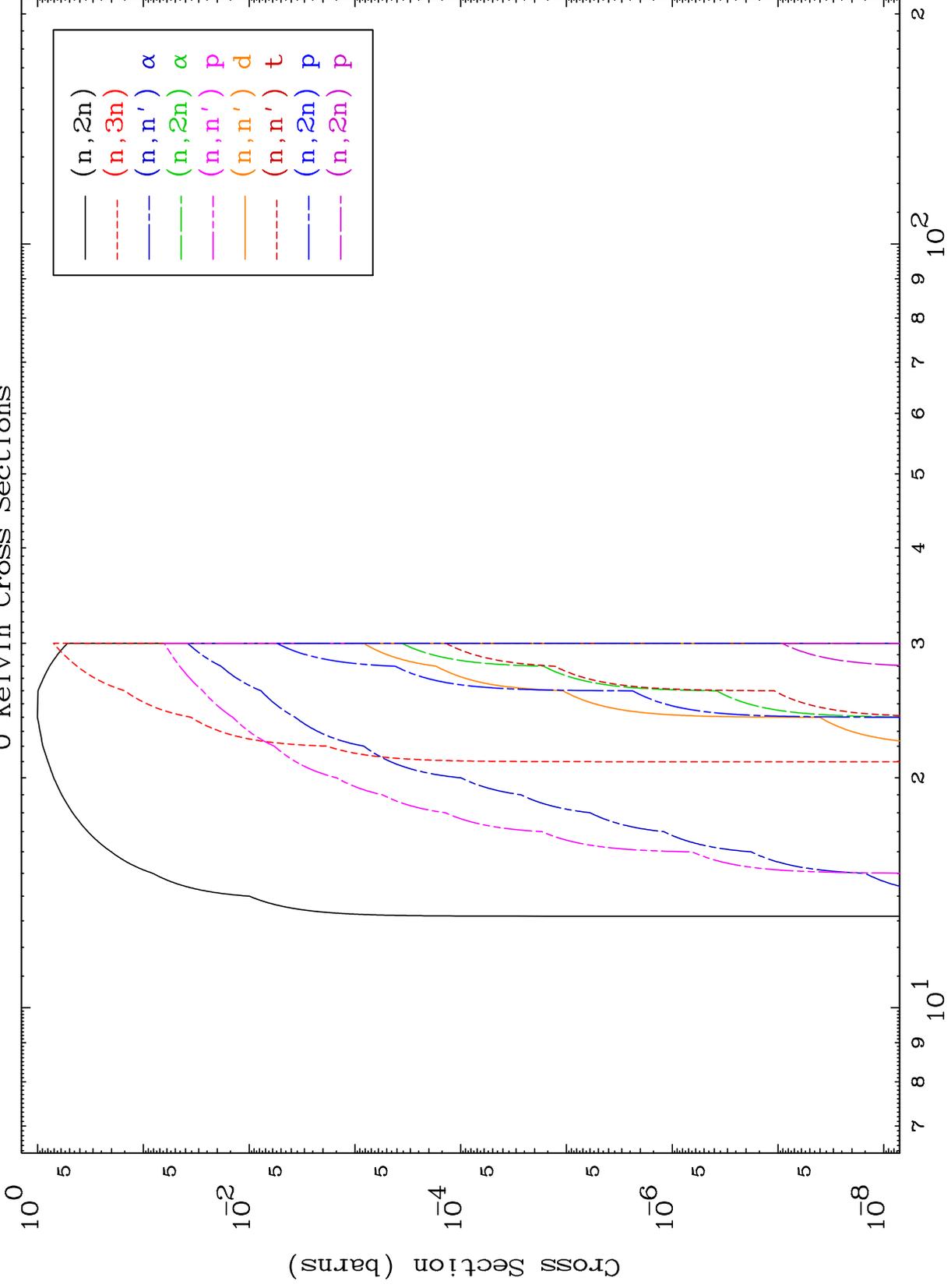
0 Kelvin Cross Sections



MAT 4846

α Neutron Absorption
0 Kelvin Cross Sections

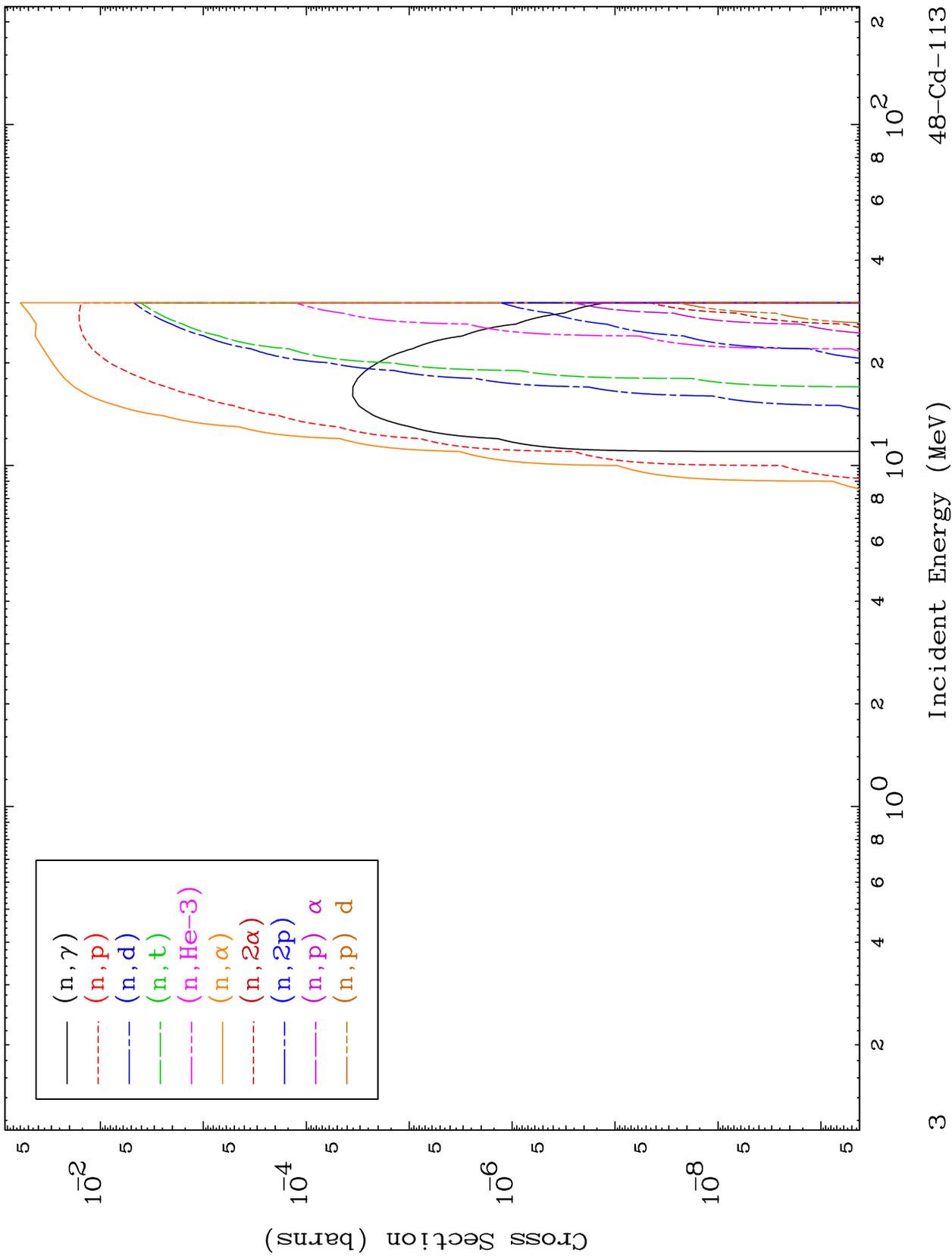
48-Cd-113



2

Incident Energy (MeV)

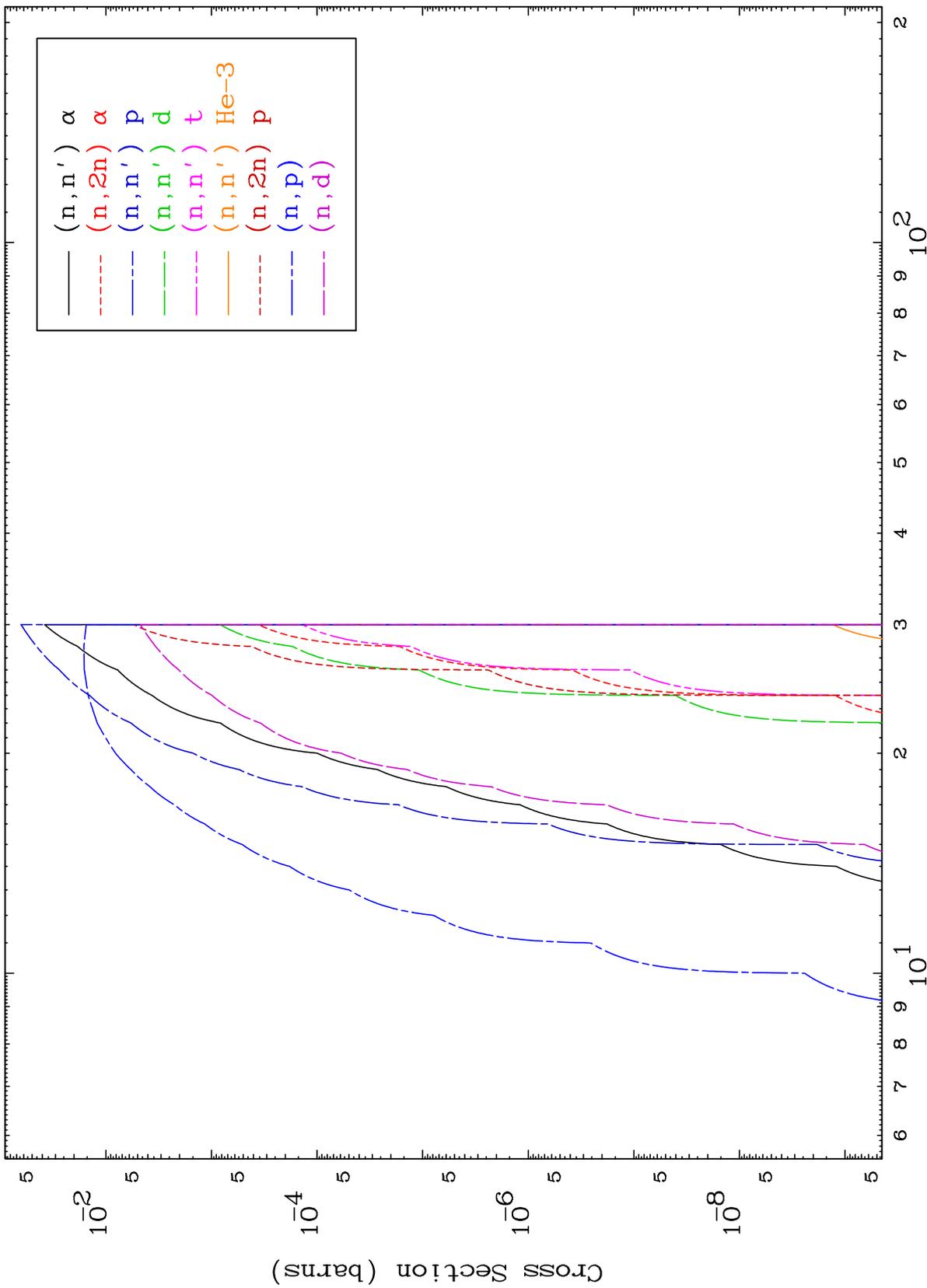
48-Cd-113

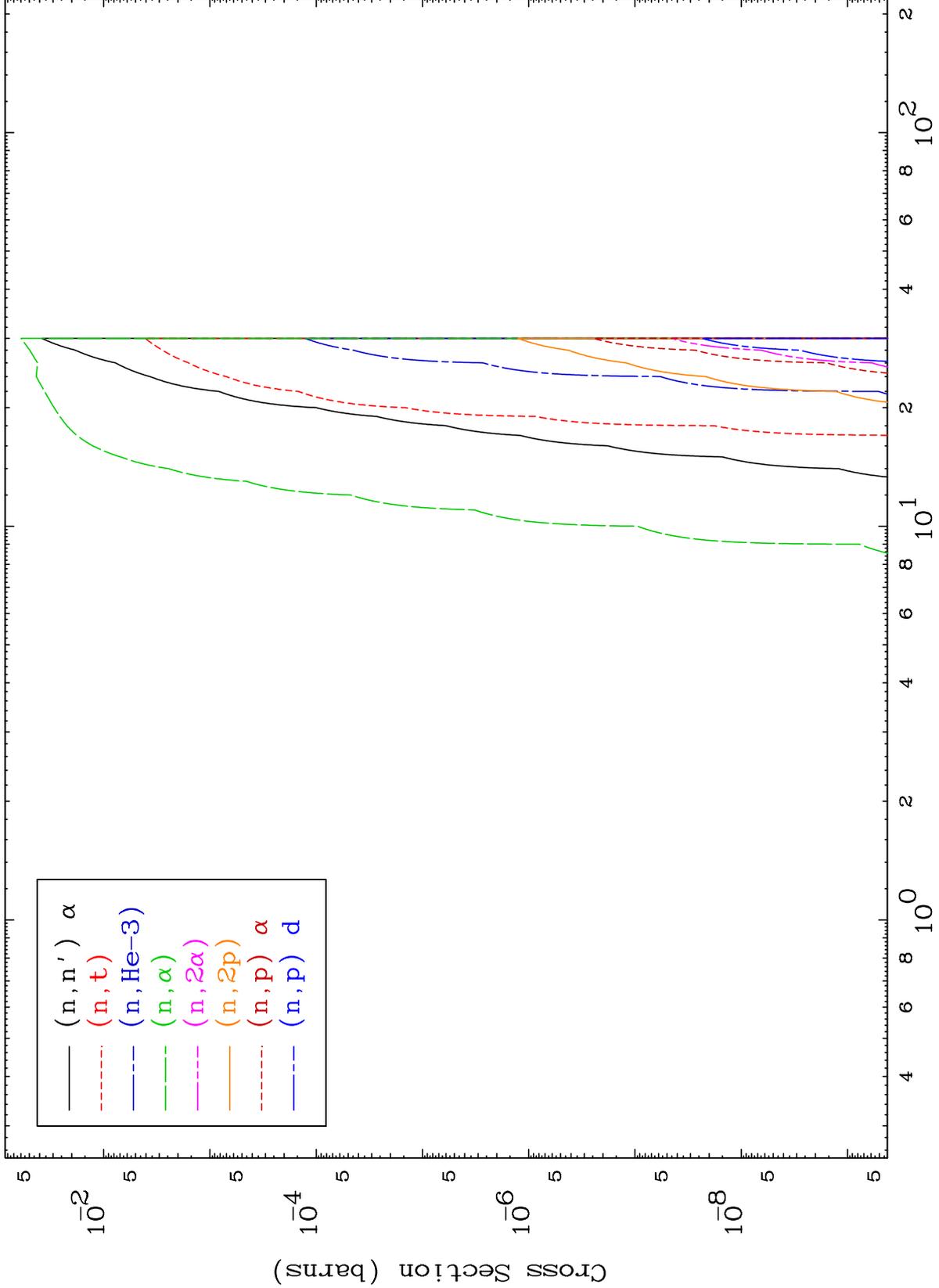


MAT 4846

α Charged Particle
0 Kelvin Cross Sections

48-Cd-113

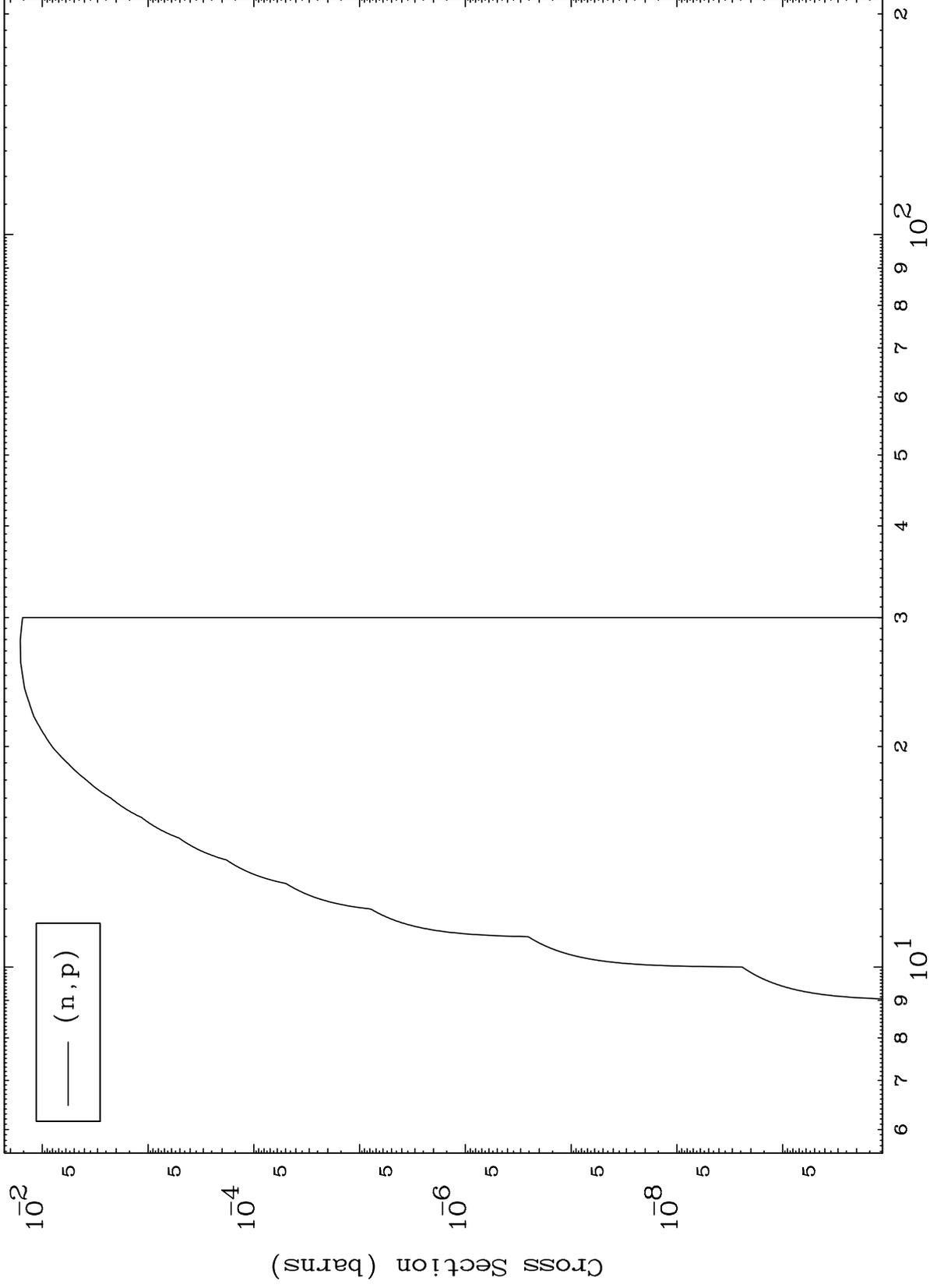




MAT 4846

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-113



6

Incident Energy (MeV)

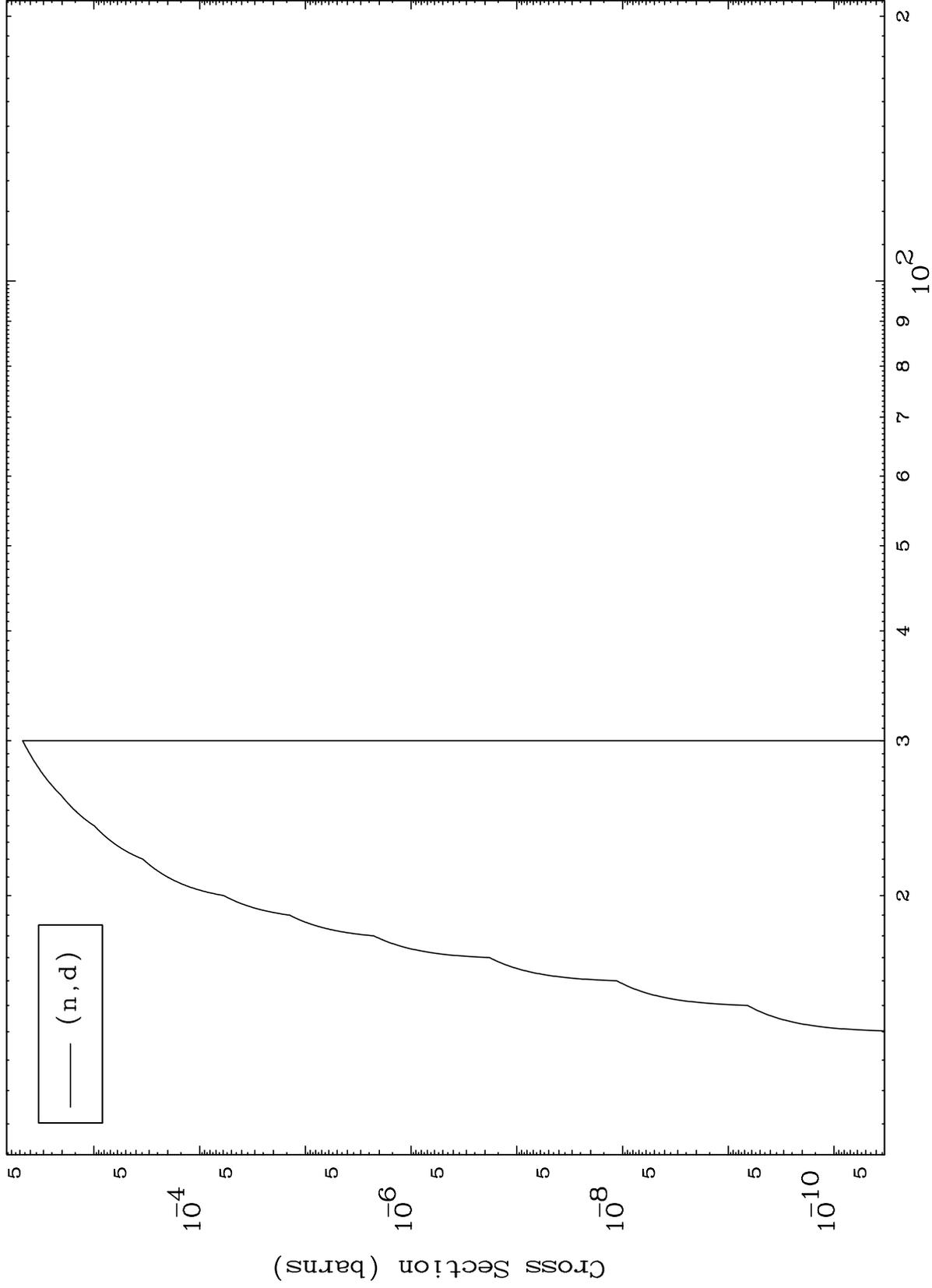
48-Cd-113

MAT 4846

(α, d) Levels

48-Cd-113

0 Kelvin Cross Sections



7

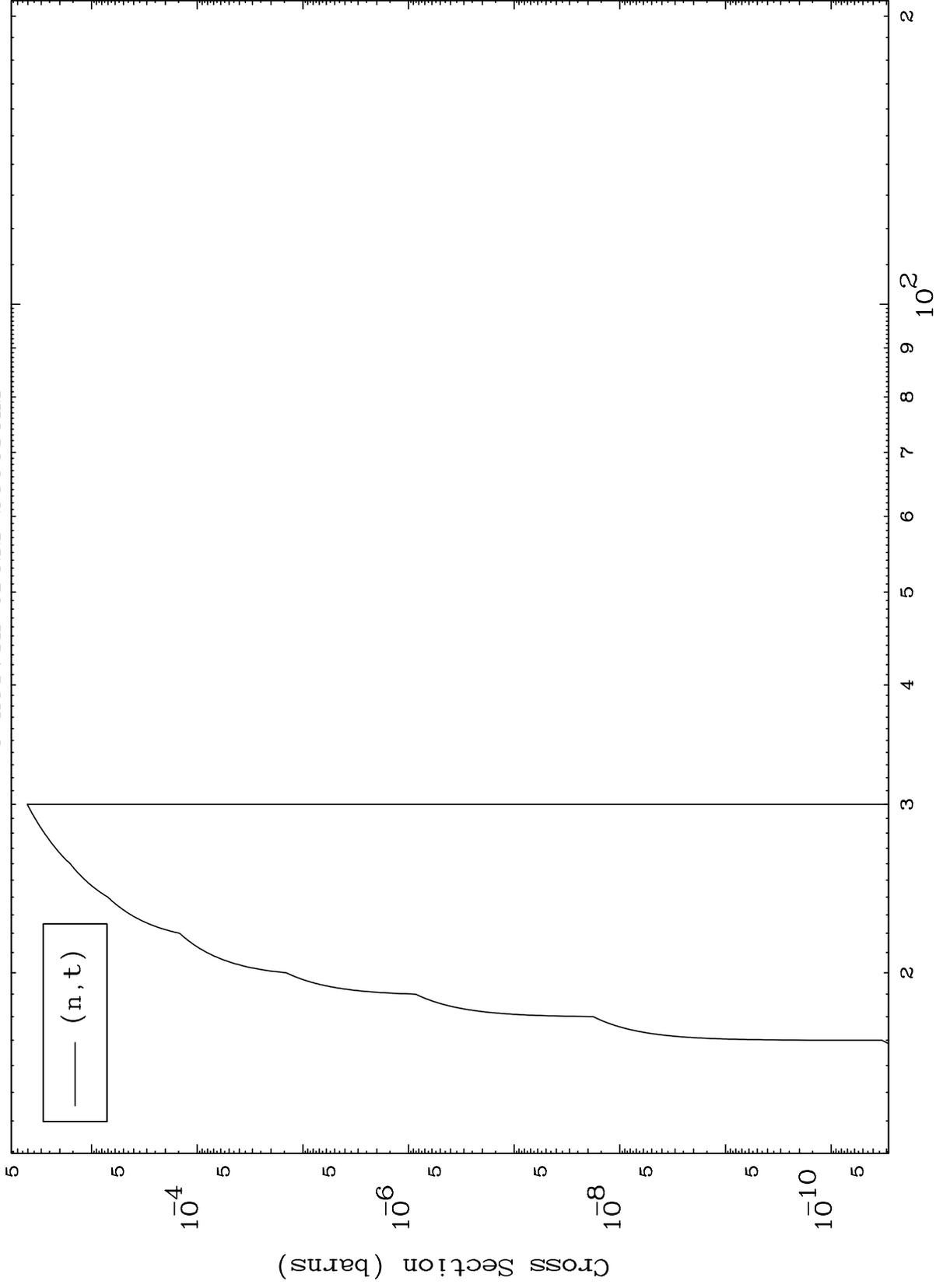
Incident Energy (MeV)

48-Cd-113

MAT 4846

(α, t) Levels
0 Kelvin Cross Sections

48-Cd-113



8

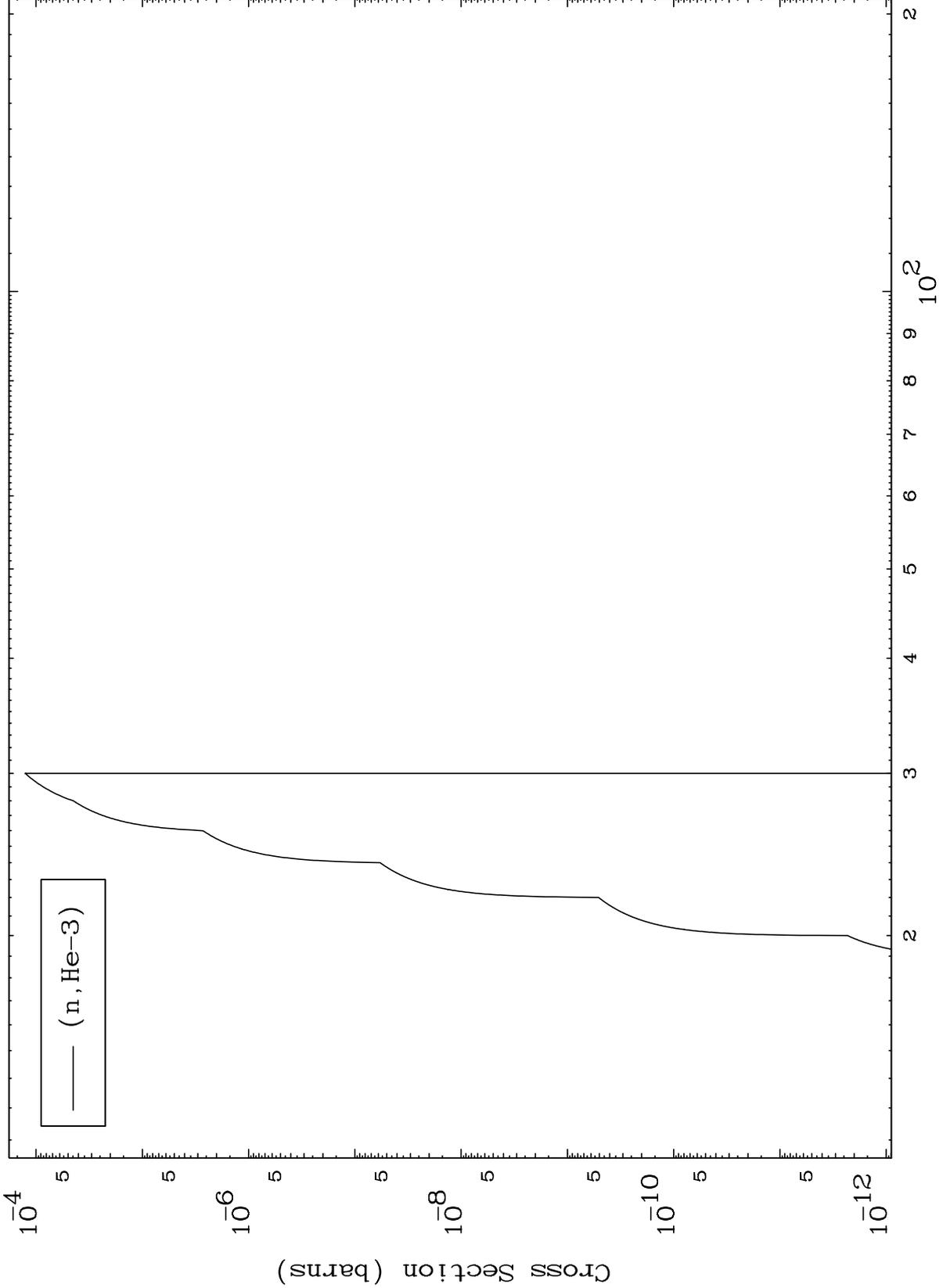
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

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

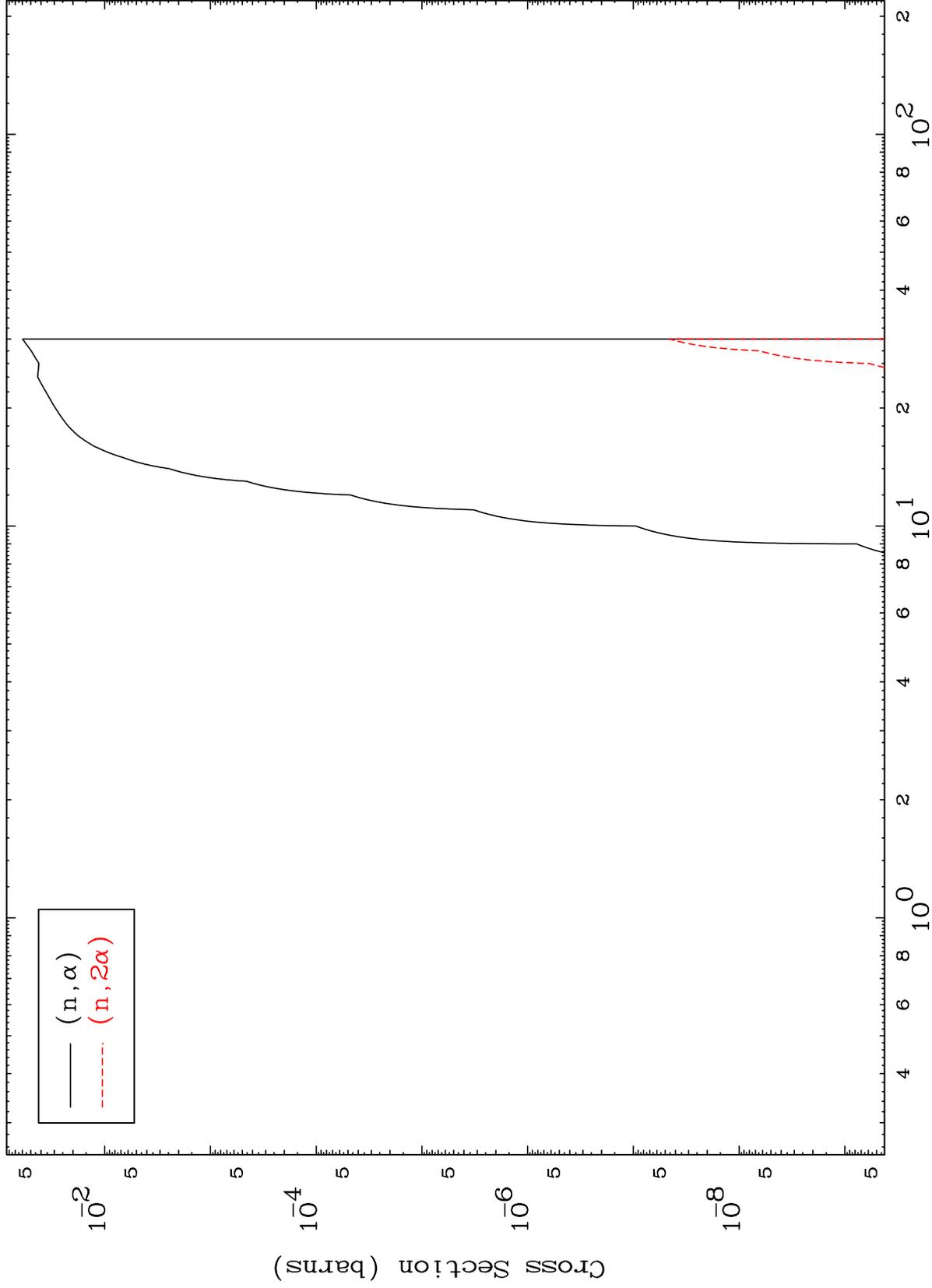


MAT 4846

(α, α) Levels

48-Cd-113

0 Kelvin Cross Sections



10

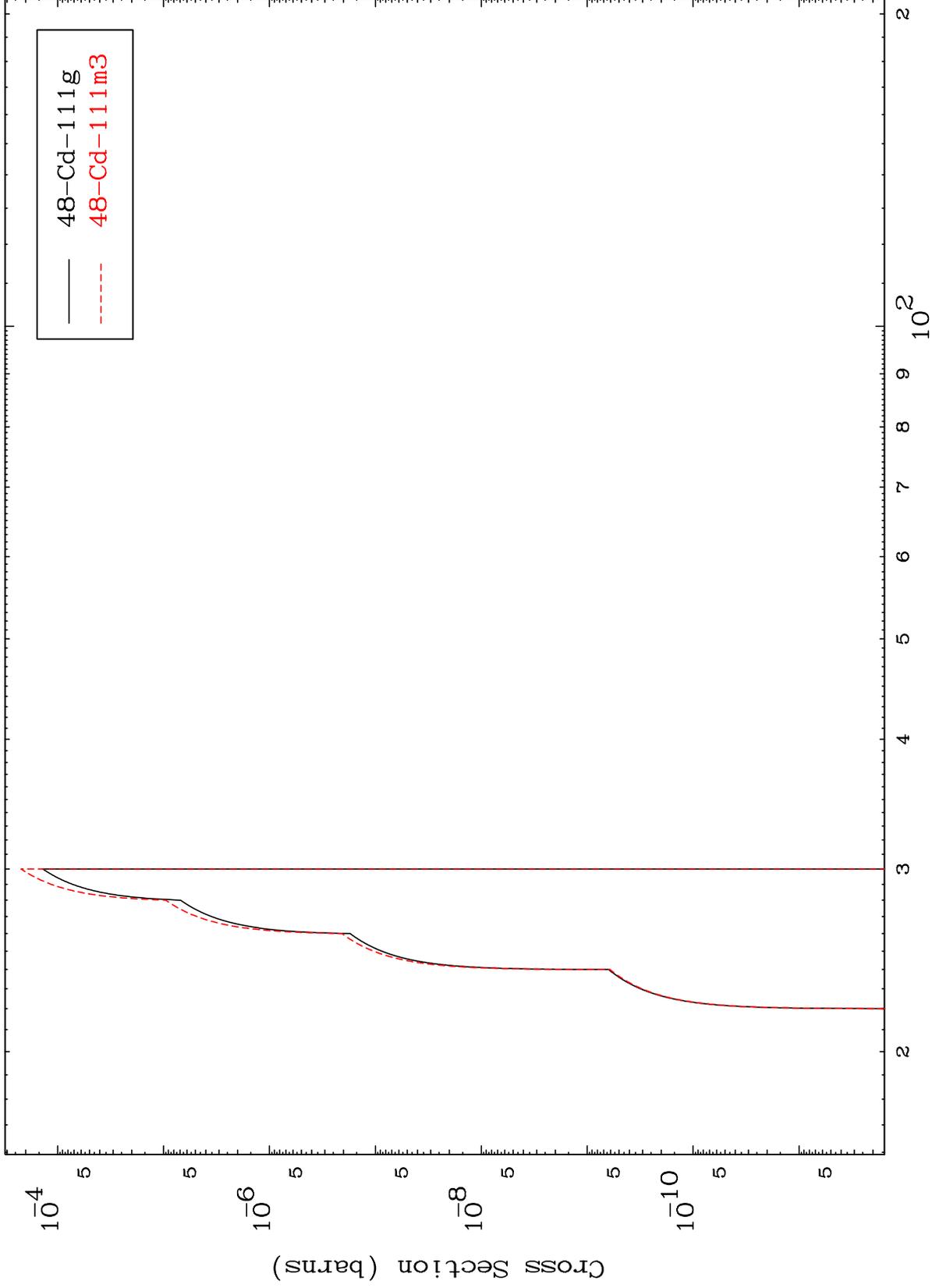
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

(n,2n) α
Radionuclide Production Cross Section



11

Incident Energy (MeV)

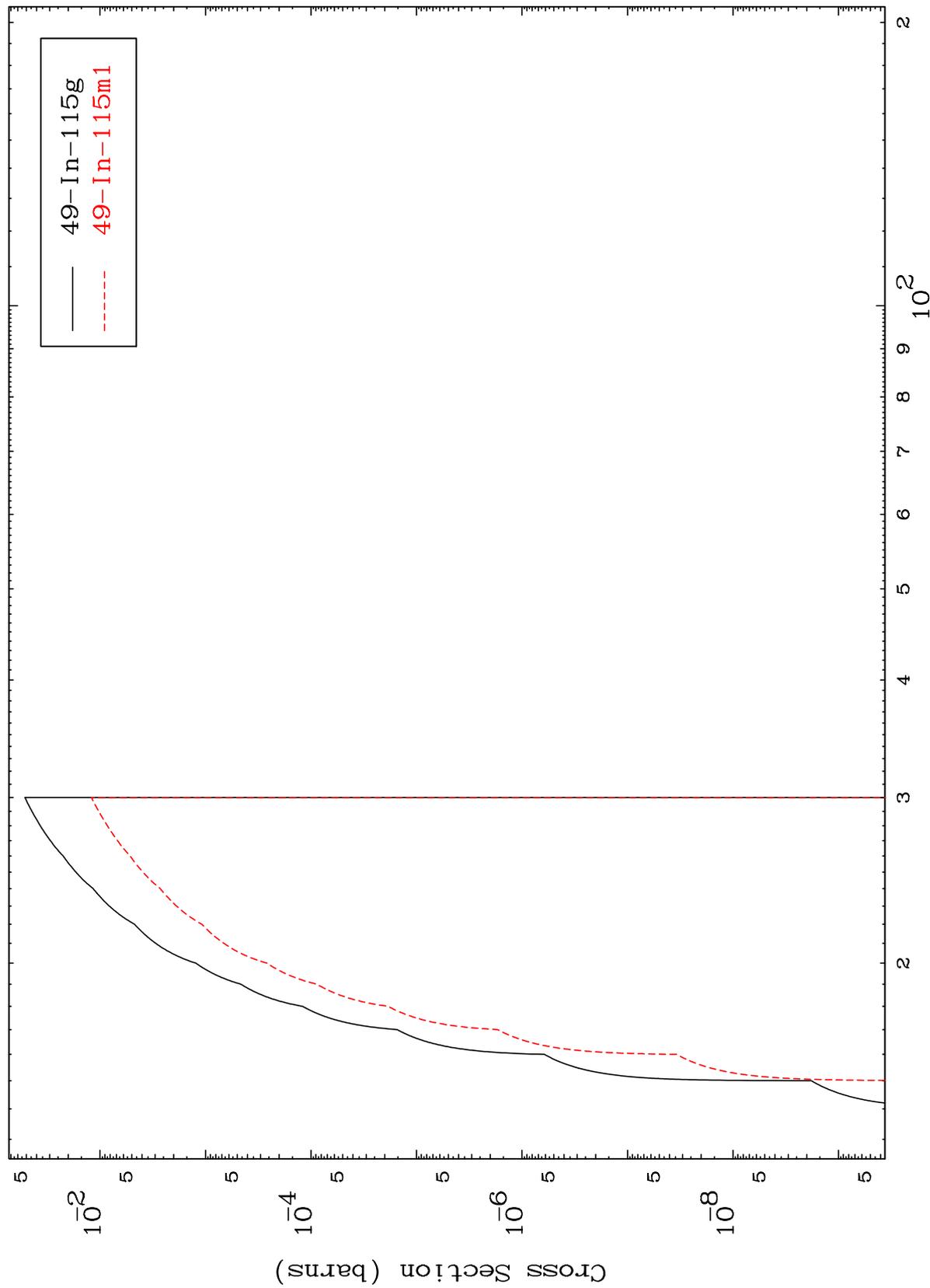
48-Cd-113

MAT 4846

(n,n') p

48-Cd-113

Radionuclide Production Cross Section



12

Incident Energy (MeV)

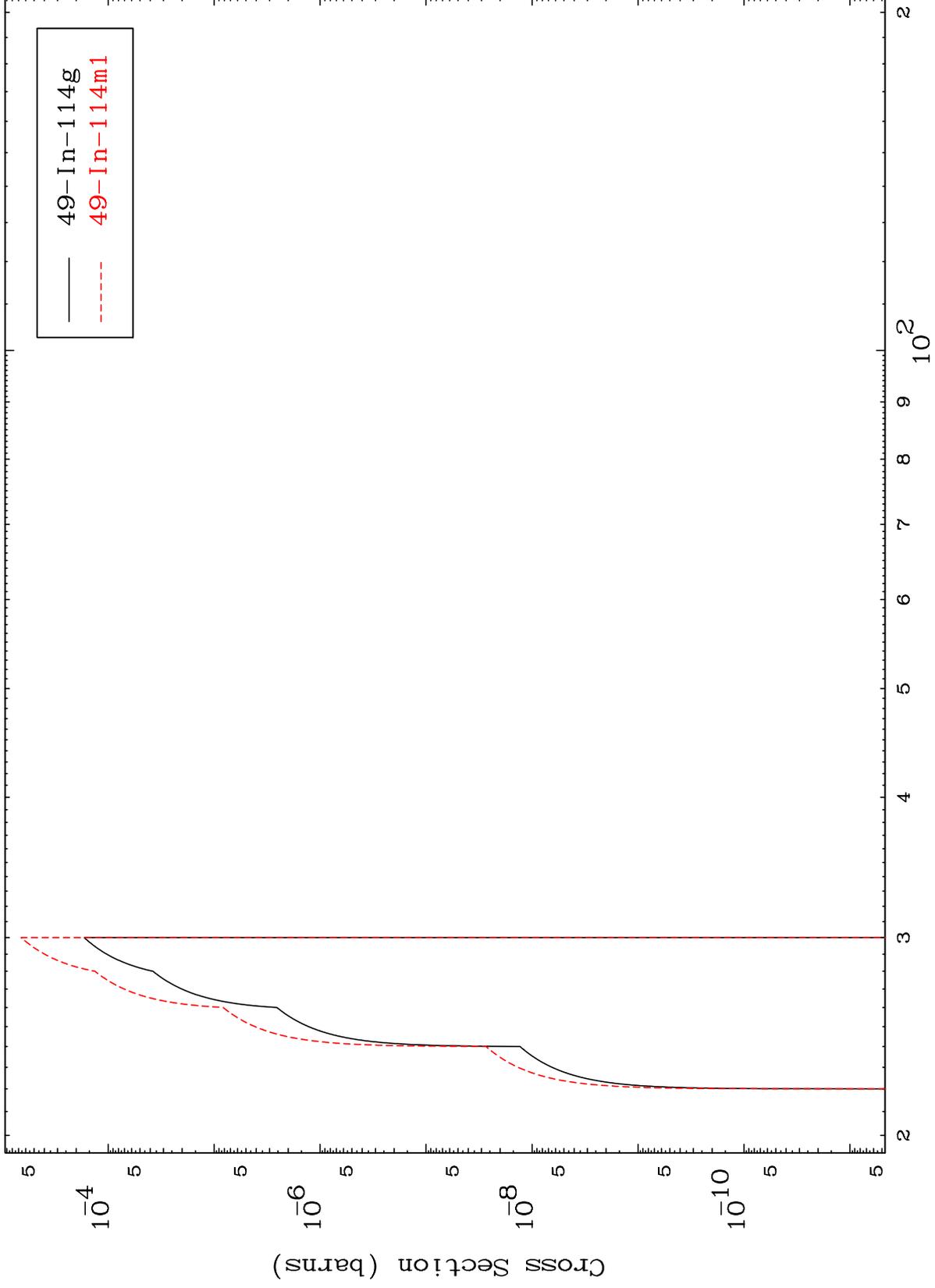
48-Cd-113

MAT 4846

(n,n') d

48-Cd-113

Radionuclide Production Cross Section



13

Incident Energy (MeV)

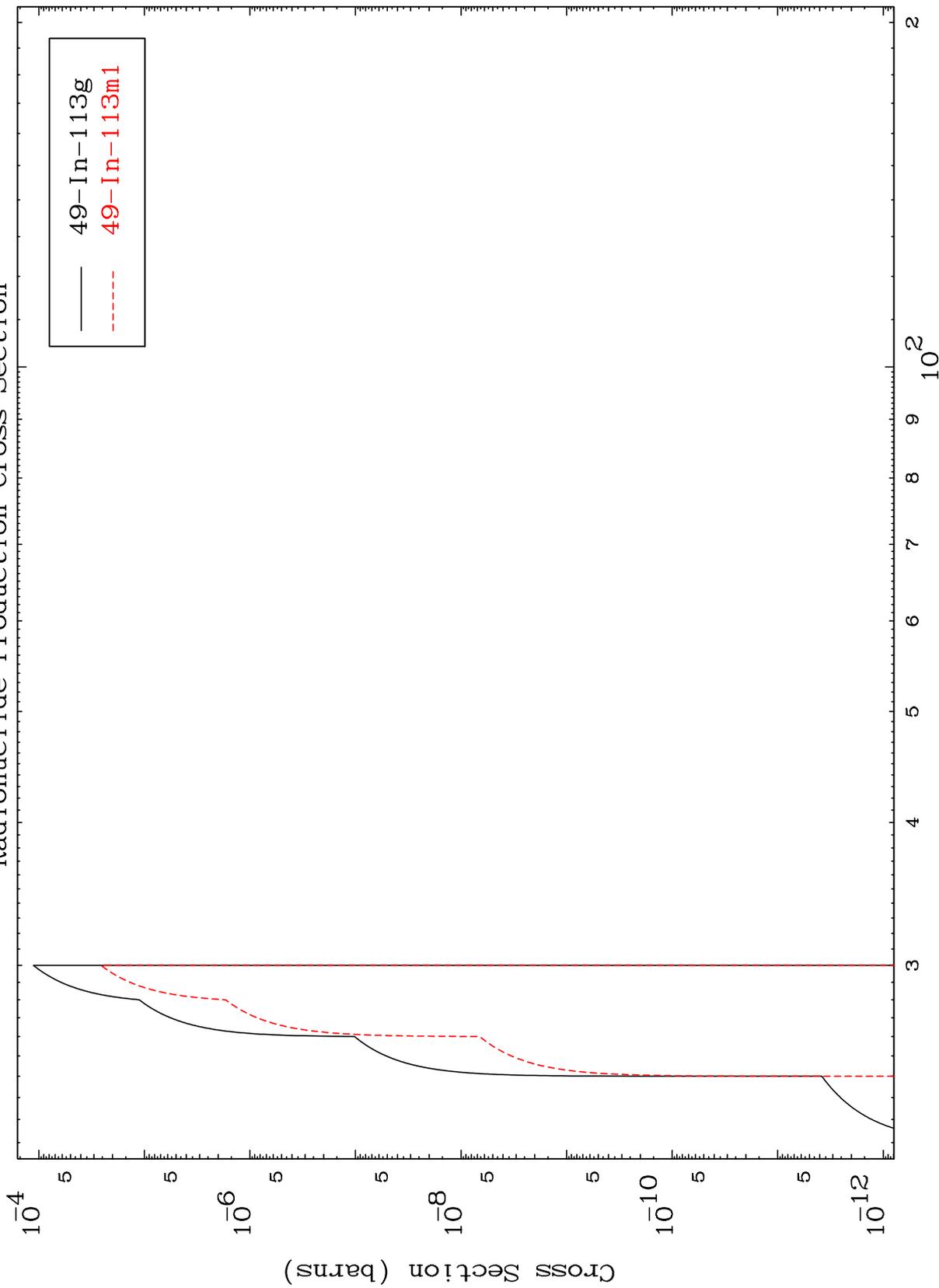
48-Cd-113

MAT 4846

(n,n') t

48-Cd-113

Radionuclide Production Cross Section



49-In-113g
49-In-113m1

14

Incident Energy (MeV)

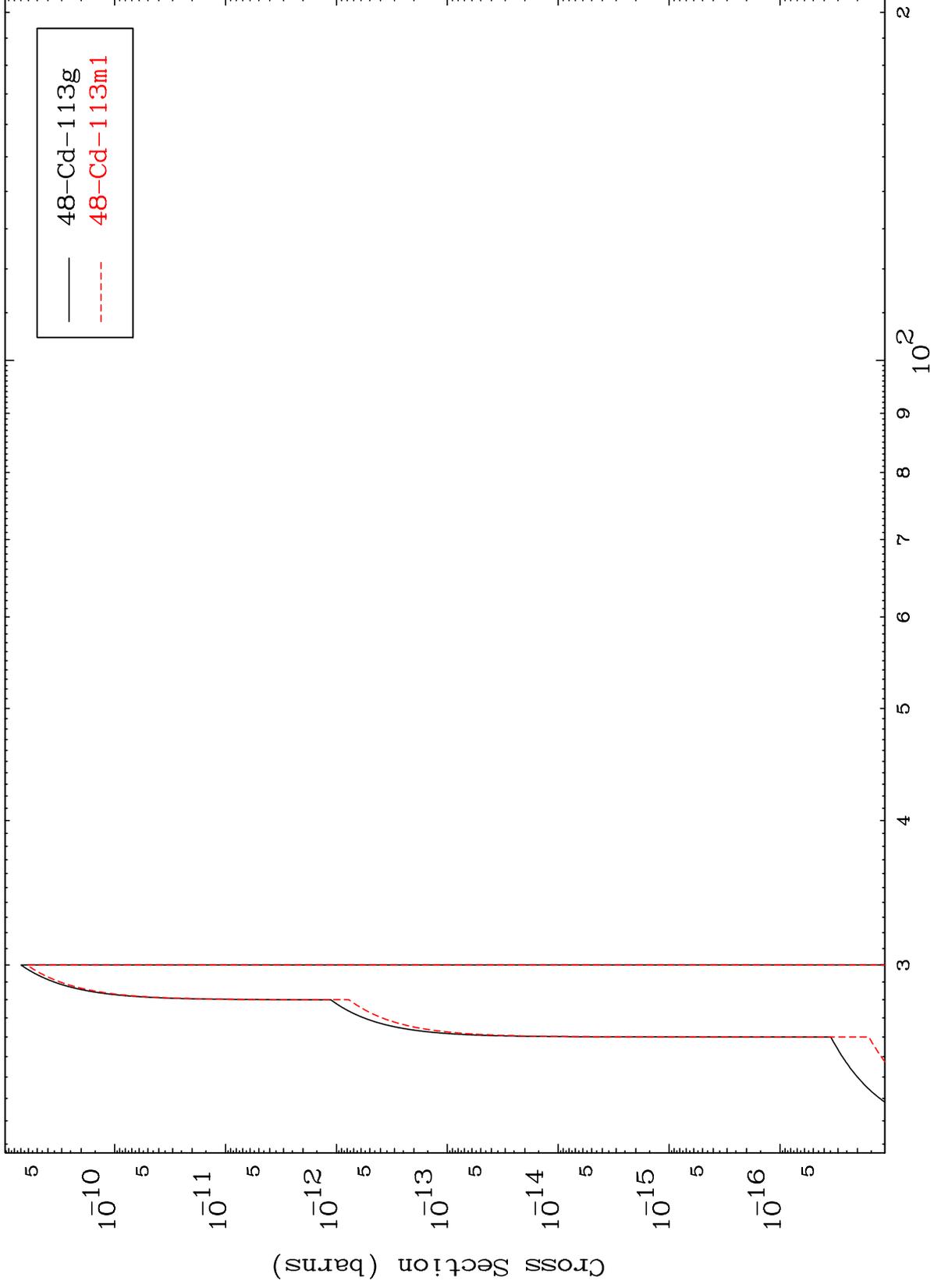
48-Cd-113

MAT 4846

(n,n') He-3

48-Cd-113

Radionuclide Production Cross Section



15

Incident Energy (MeV)

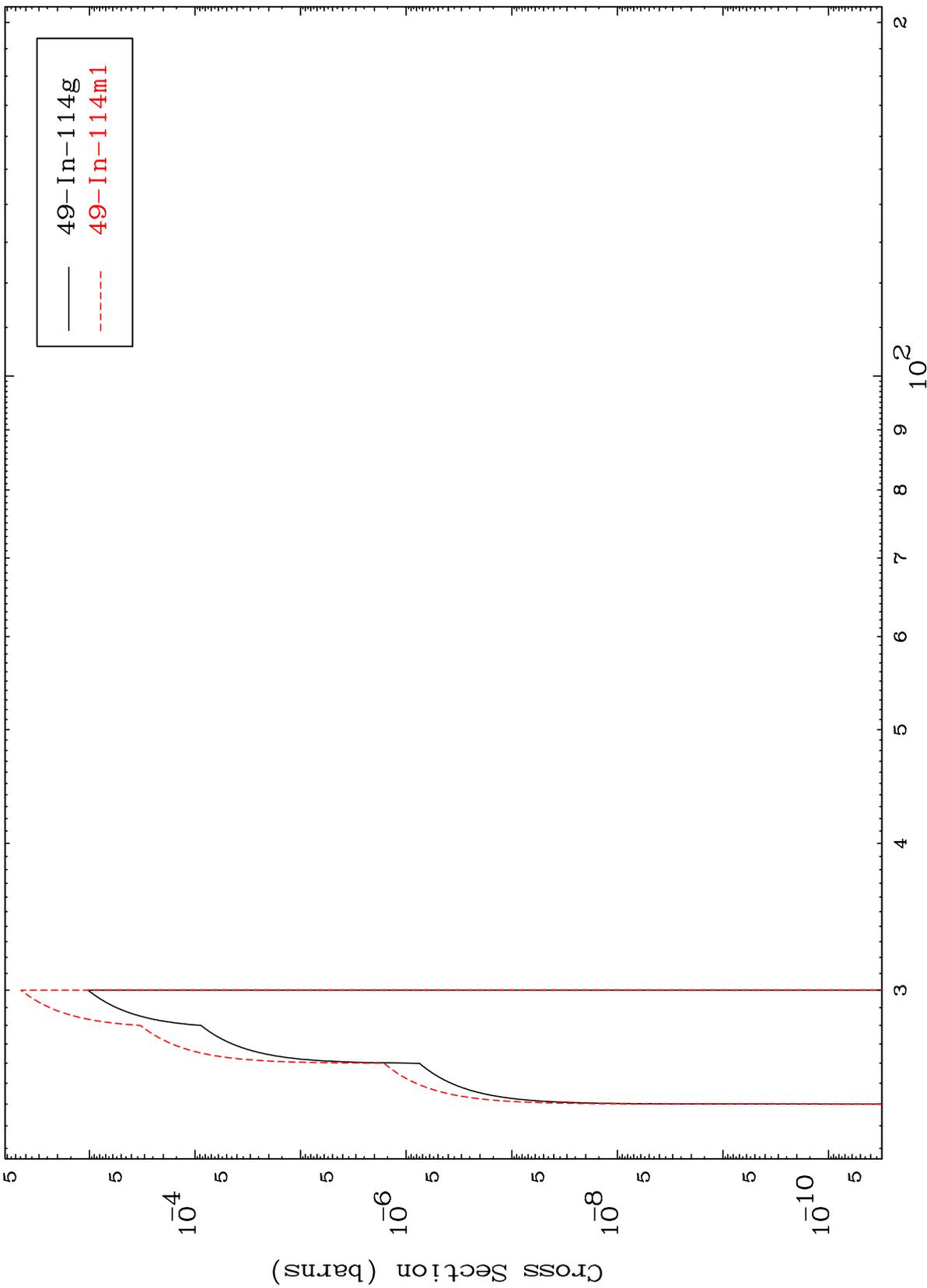
48-Cd-113

MAT 4846

(n,2n) p

48-Cd-113

Radionuclide Production Cross Section



16

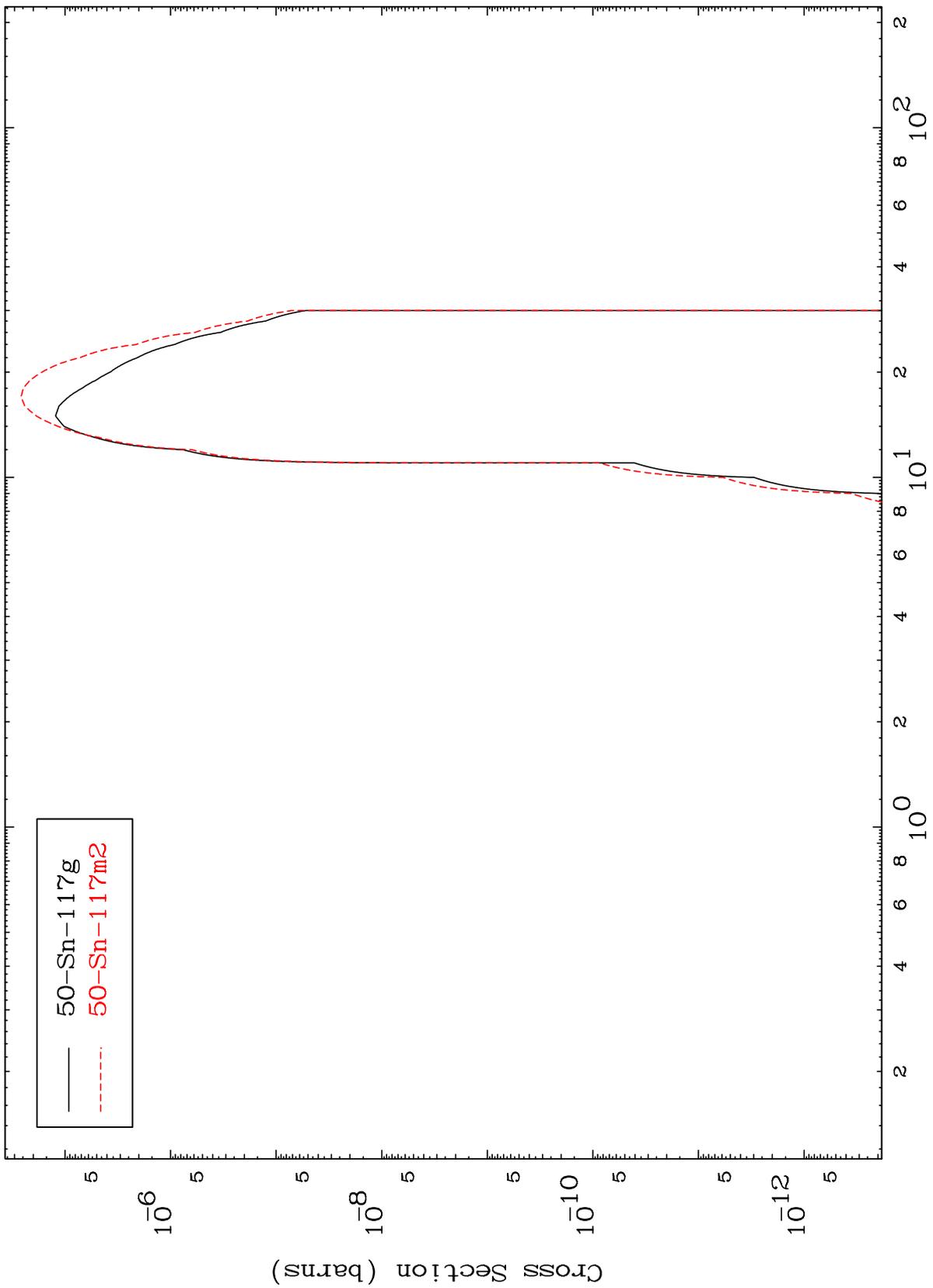
Incident Energy (MeV)

48-Cd-113

MAT 4846

48-Cd-113

(n,γ)
Radionuclide Production Cross Section

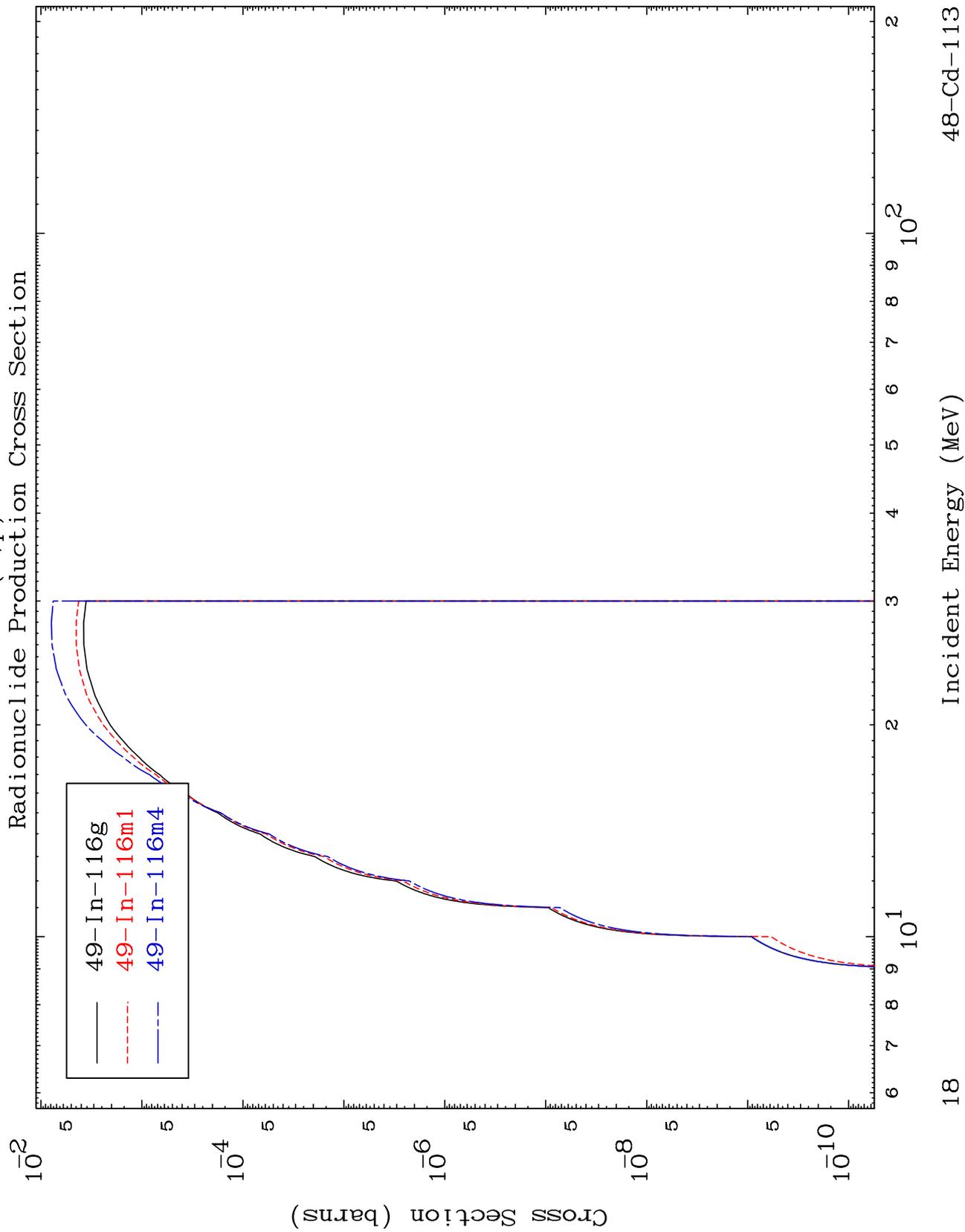


48-Cd-113

Incident Energy (MeV)

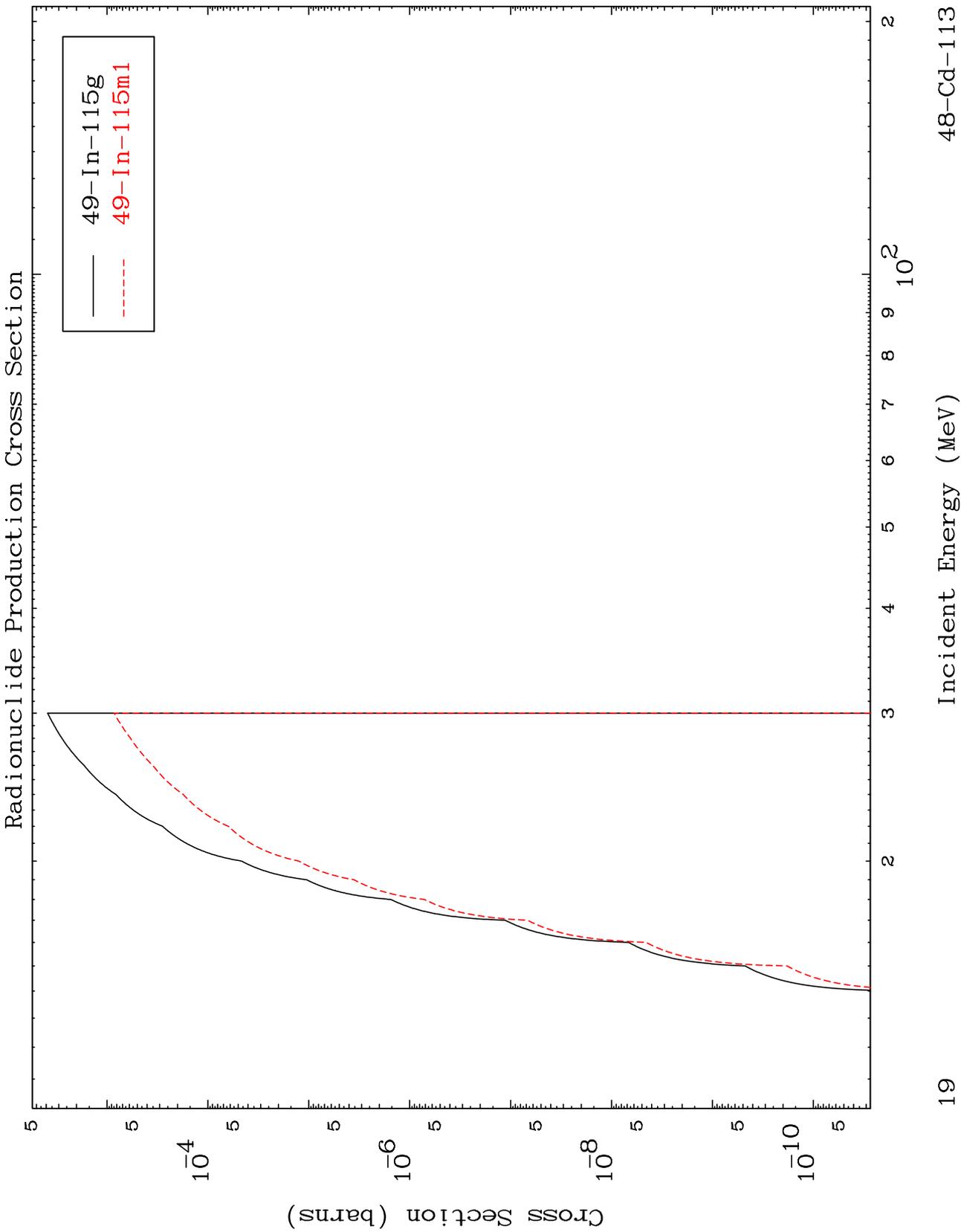
MAT 4846

48-Cd-113

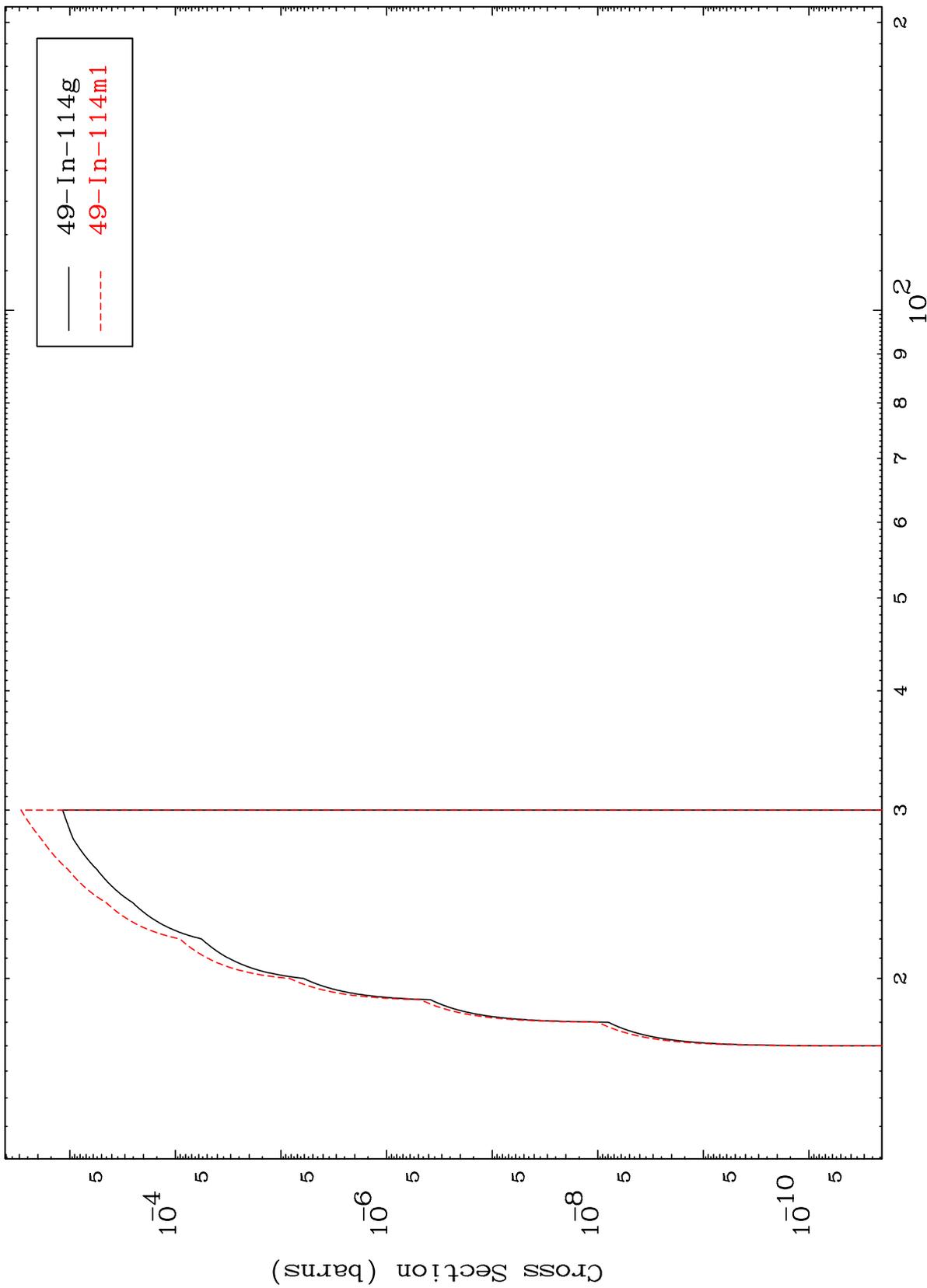


18

48-Cd-113



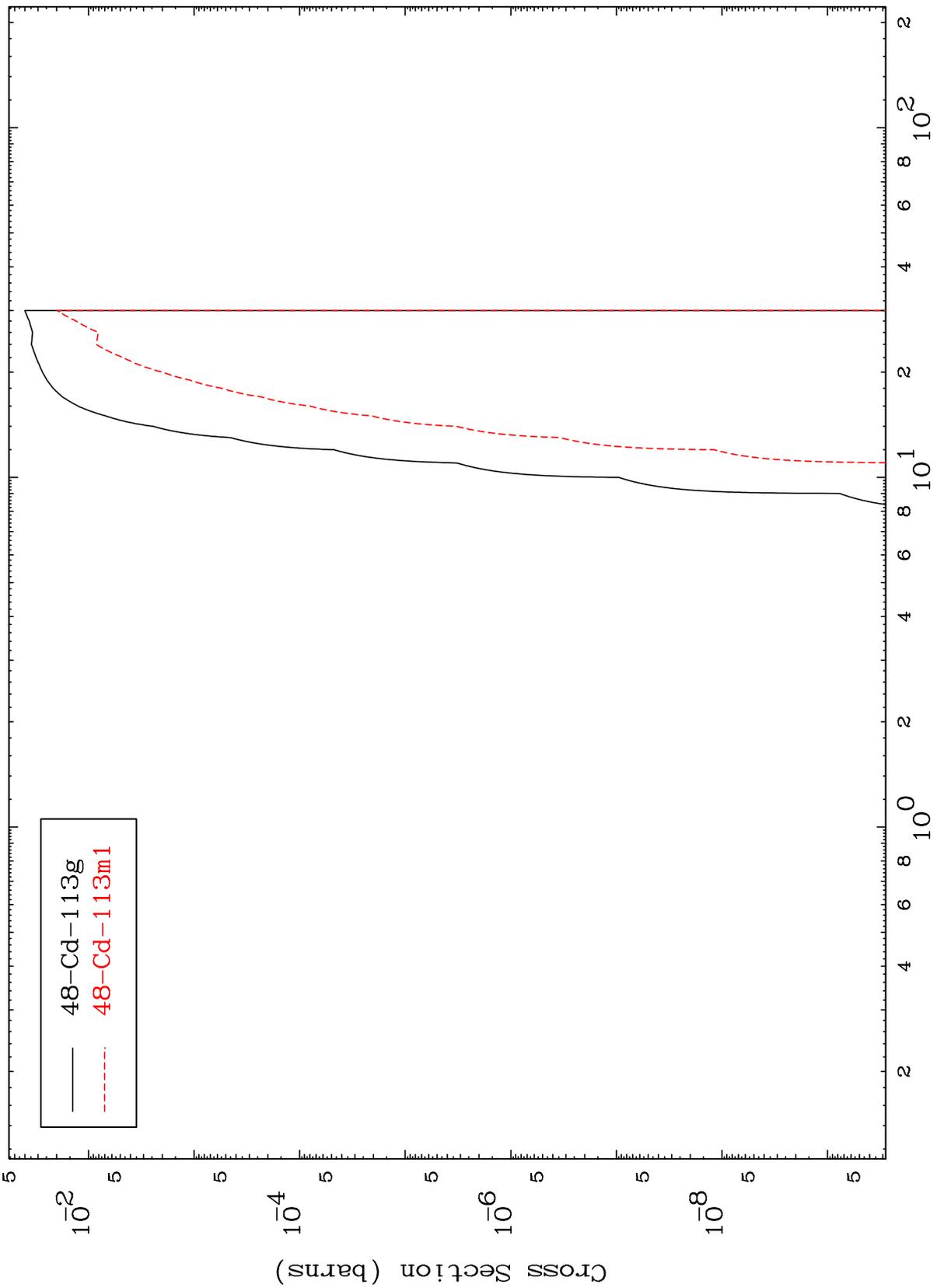
(n,t)
Radionuclide Production Cross Section



MAT 4846

48-Cd-113

Radionuclide Production Cross Section
(n, α)



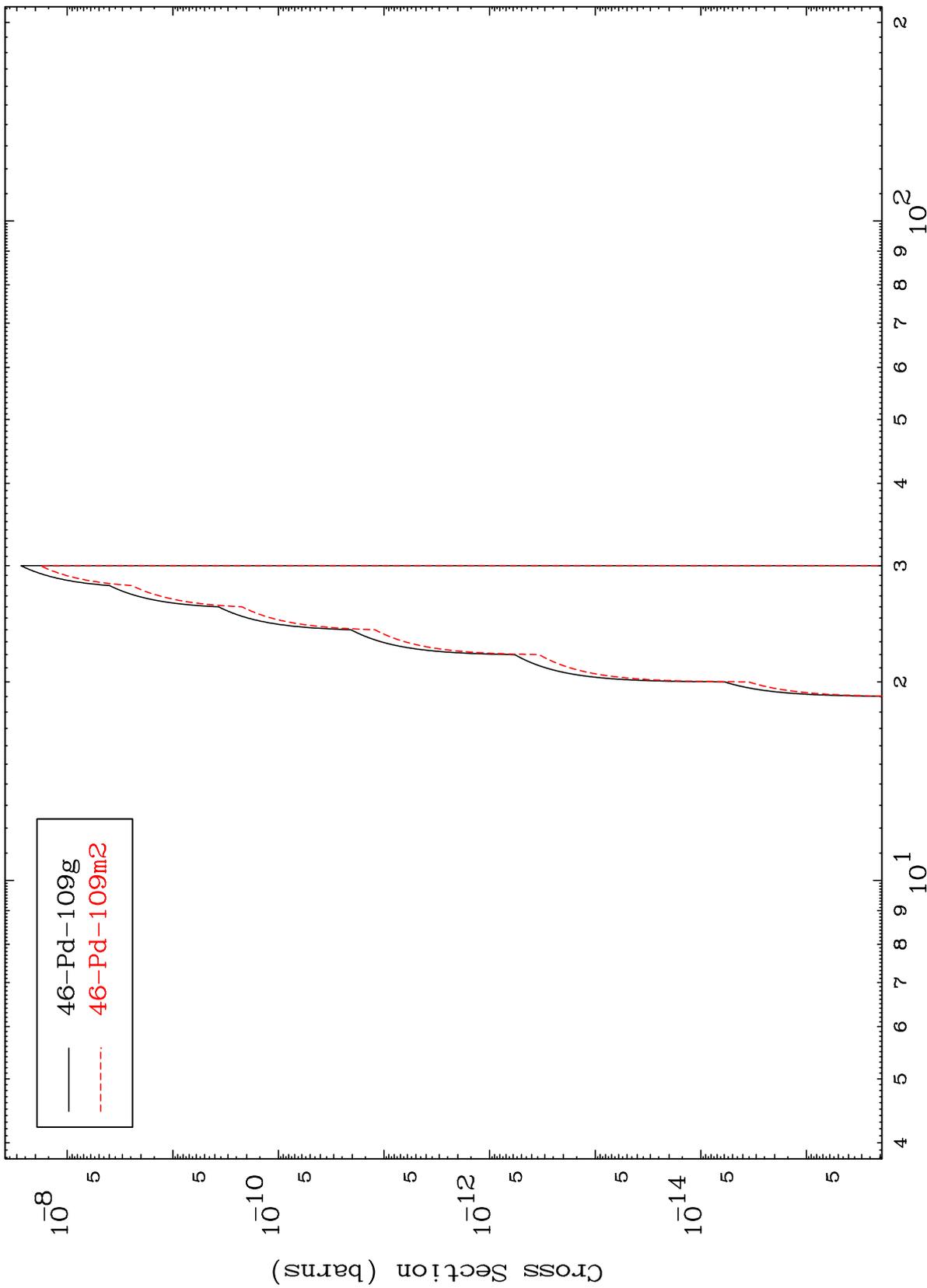
48-Cd-113

Incident Energy (MeV)

MAT 4846

48-Cd-113

(n,2α)
Radionuclide Production Cross Section



48-Cd-113

Incident Energy (MeV)

22

MAT 4846

48-Cd-113

(n,2p)

