

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

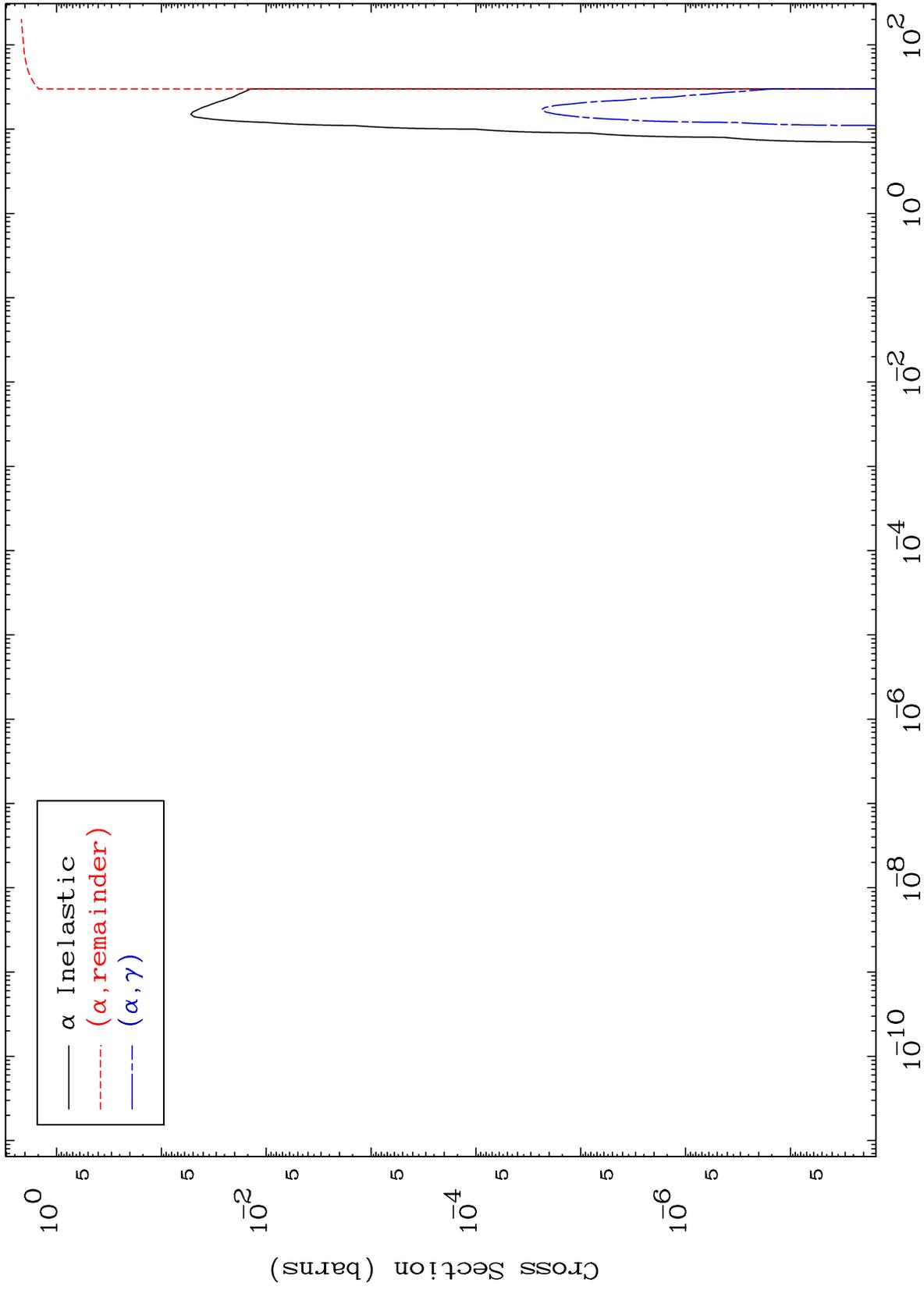
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4852

0 Kelvin α Major
Cross Sections

48-Cd-115



1

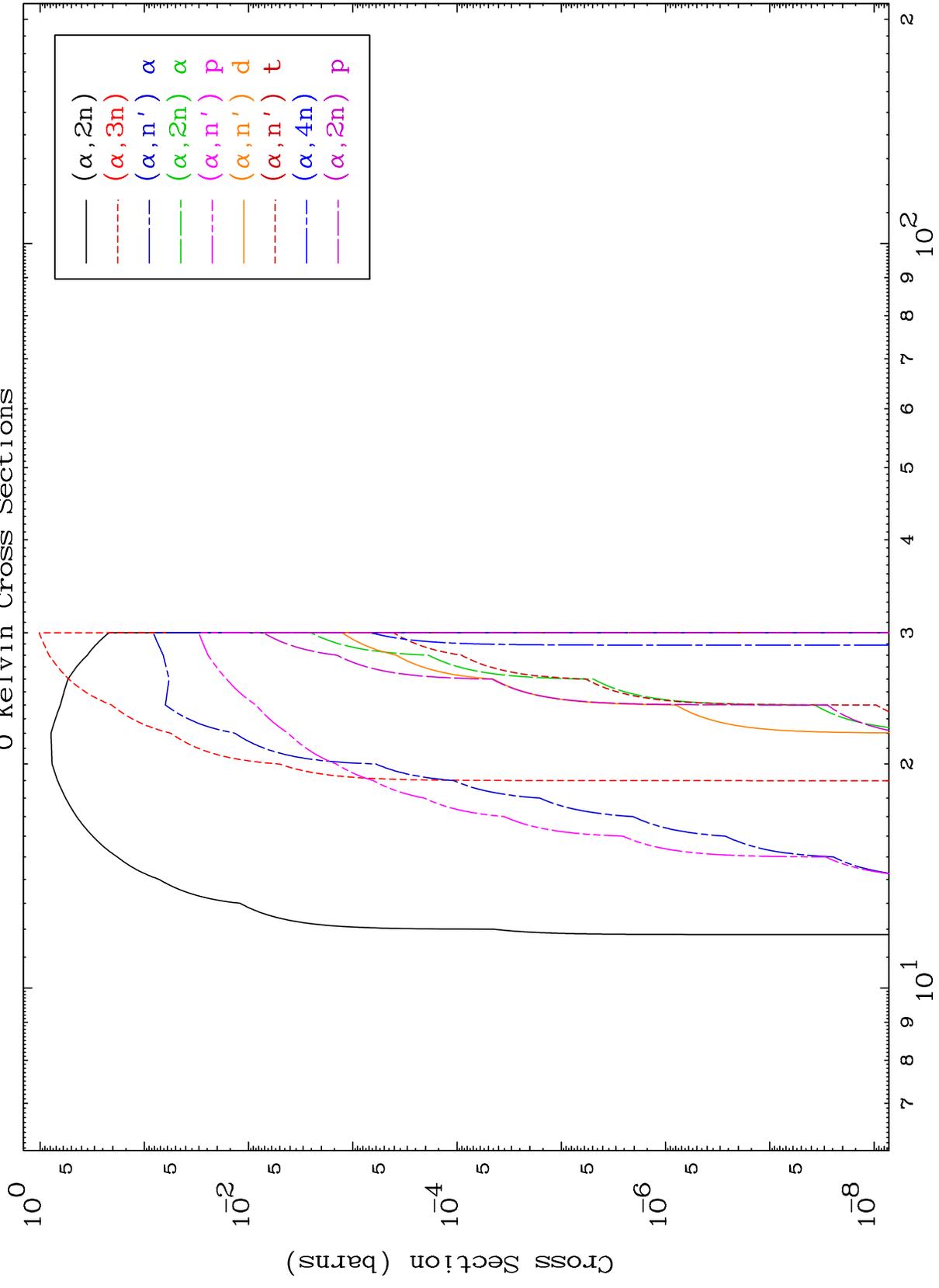
Incident Energy (MeV)

48-Cd-115

MAT 4852

α Neutron Production
0 Kelvin Cross Sections

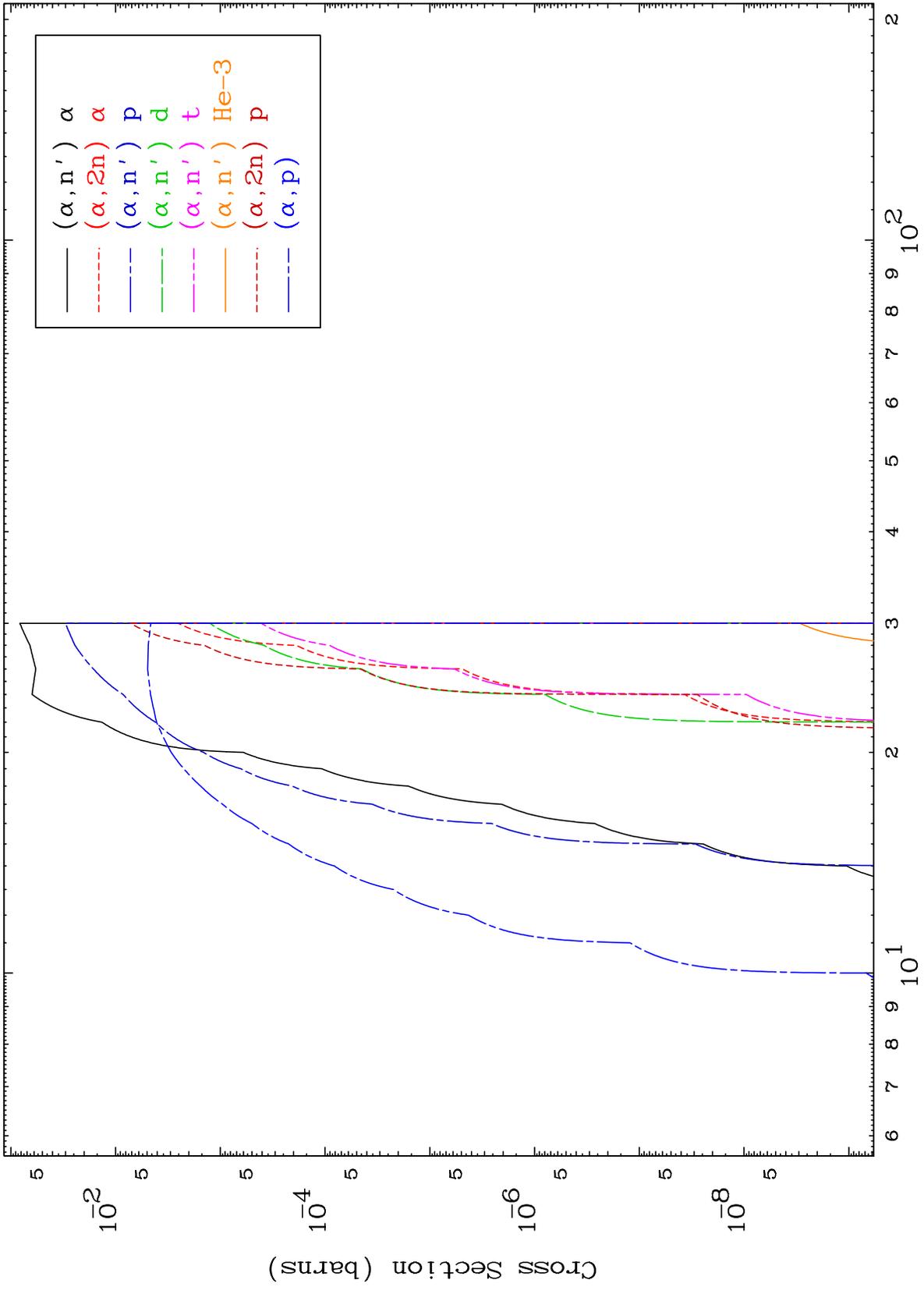
48-Cd-115



2

Incident Energy (MeV)

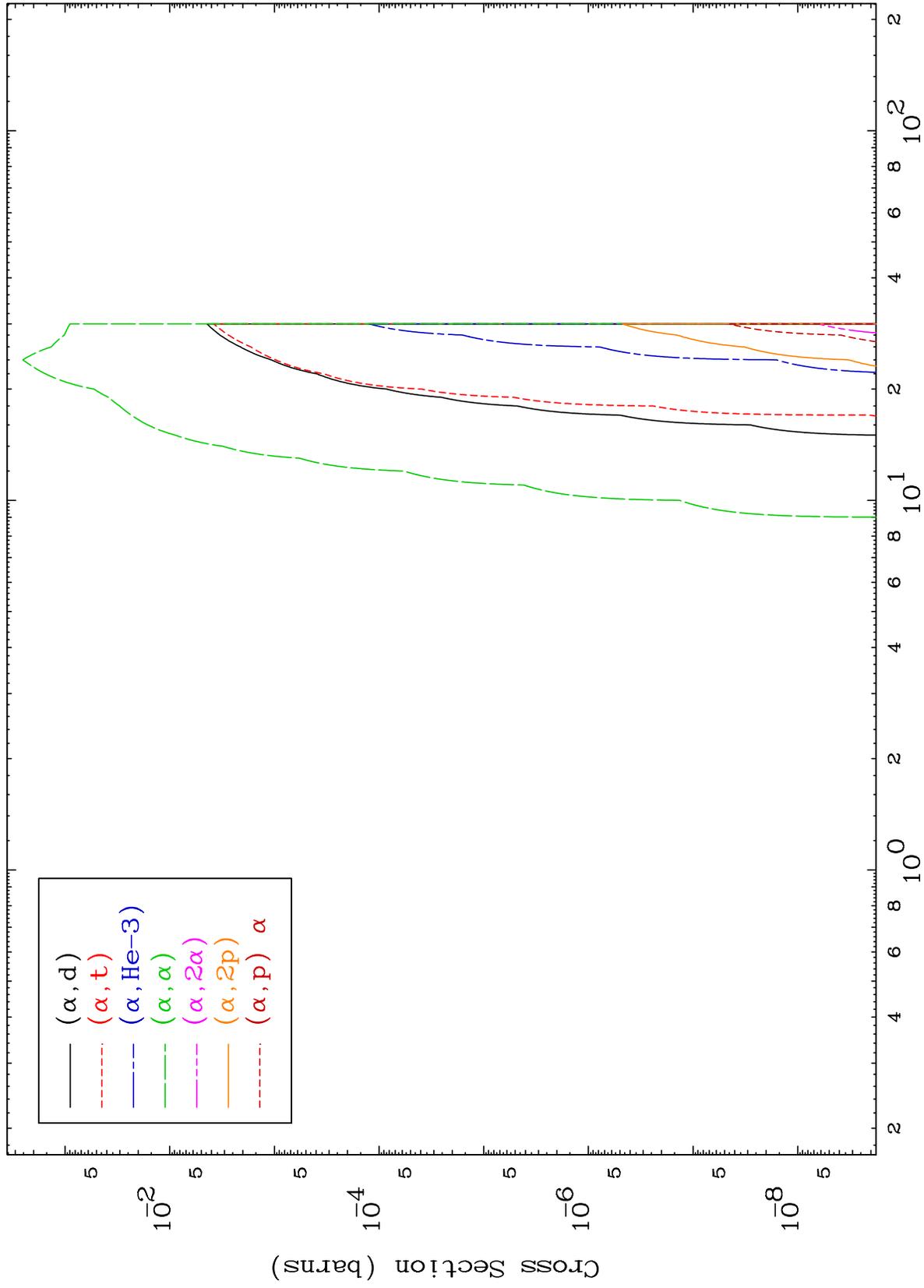
48-Cd-115



MAT 4852

α Charged Particle
0 Kelvin Cross Sections

48-Cd-115



4

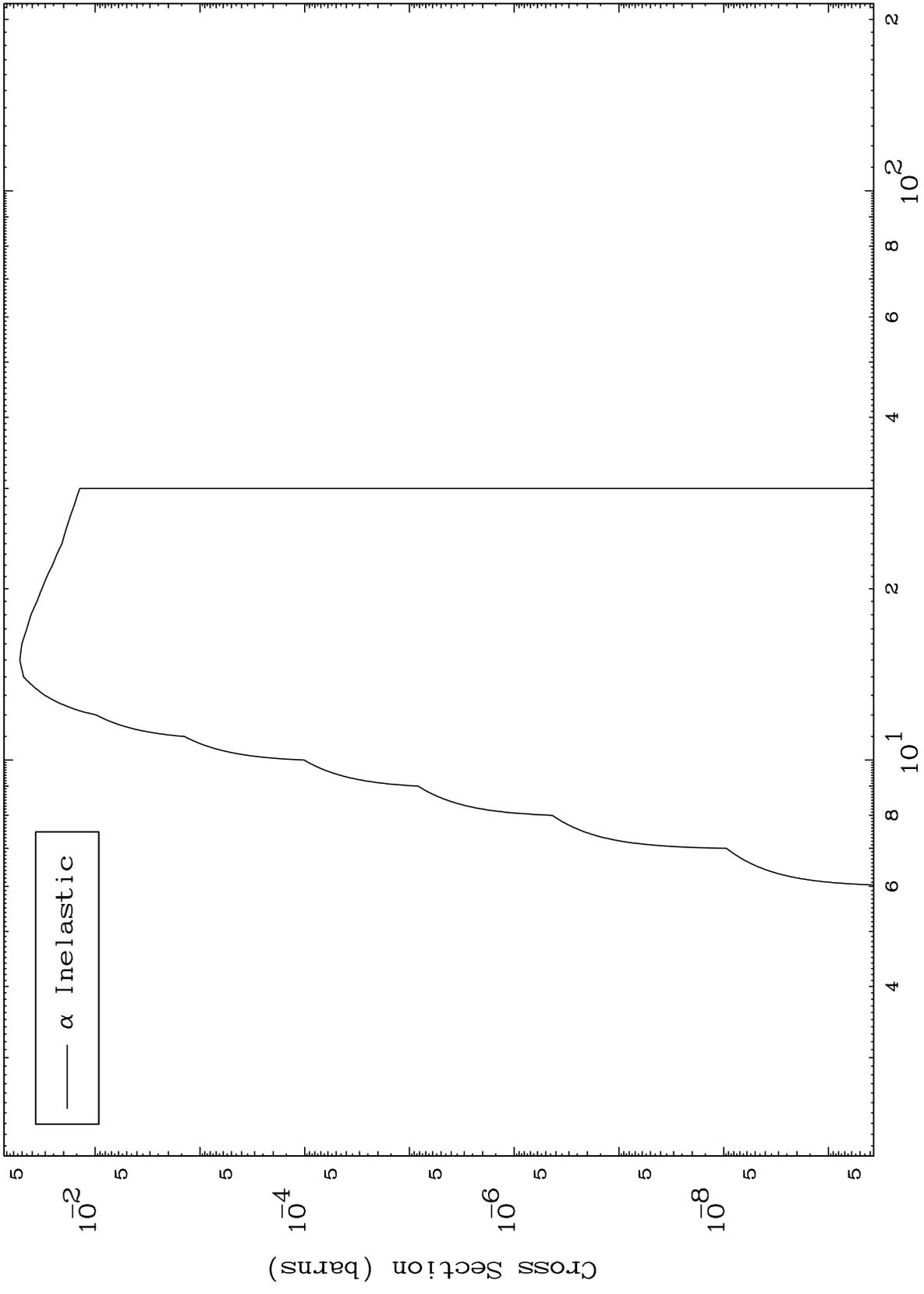
Incident Energy (MeV)

48-Cd-115

MAT 4852

(α, n') Level
0 Kelvin Cross Sections

48-Cd-115



5

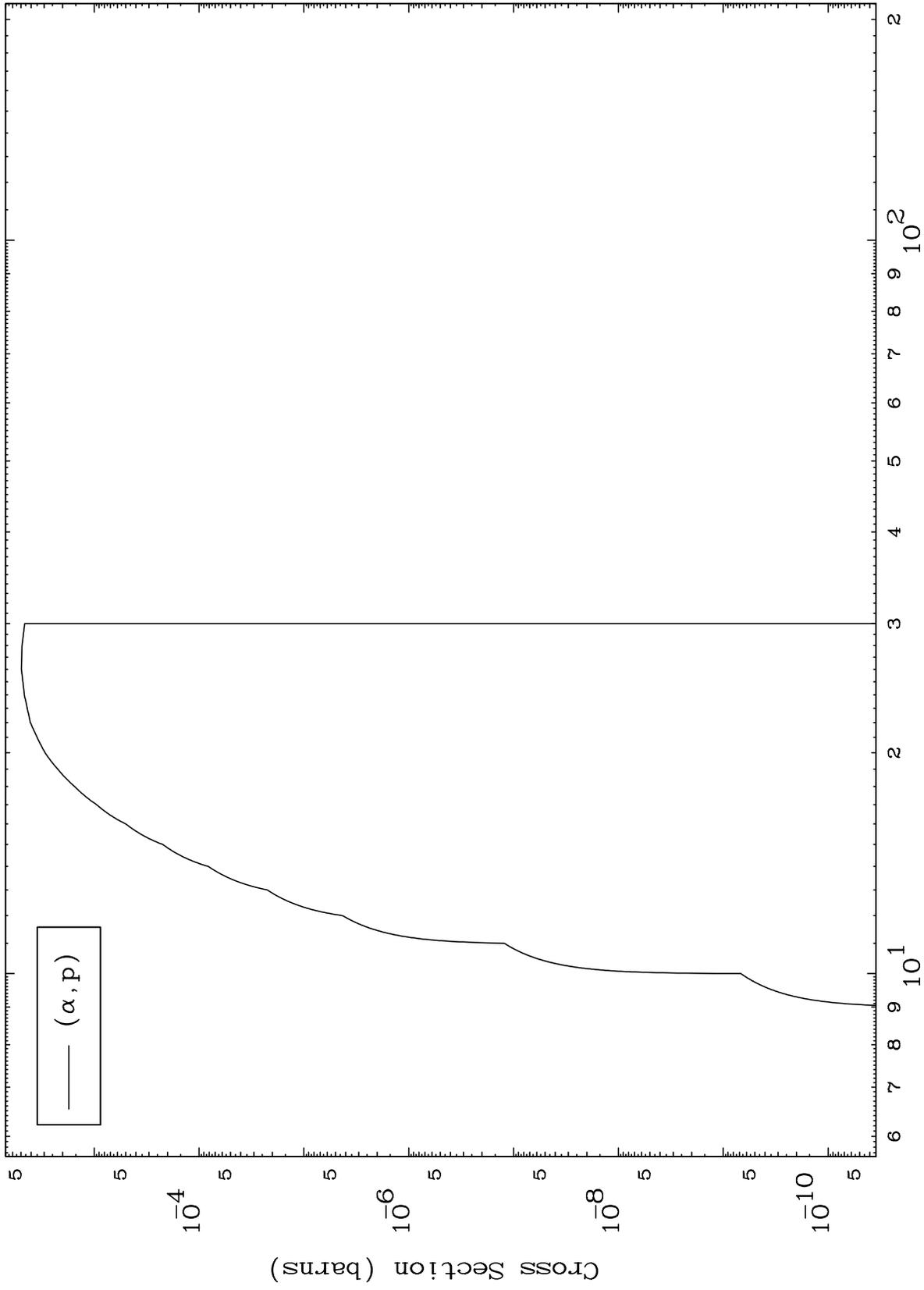
Incident Energy (MeV)

48-Cd-115

MAT 4852

(α, p) Levels
0 Kelvin Cross Sections

48-Cd-115



6

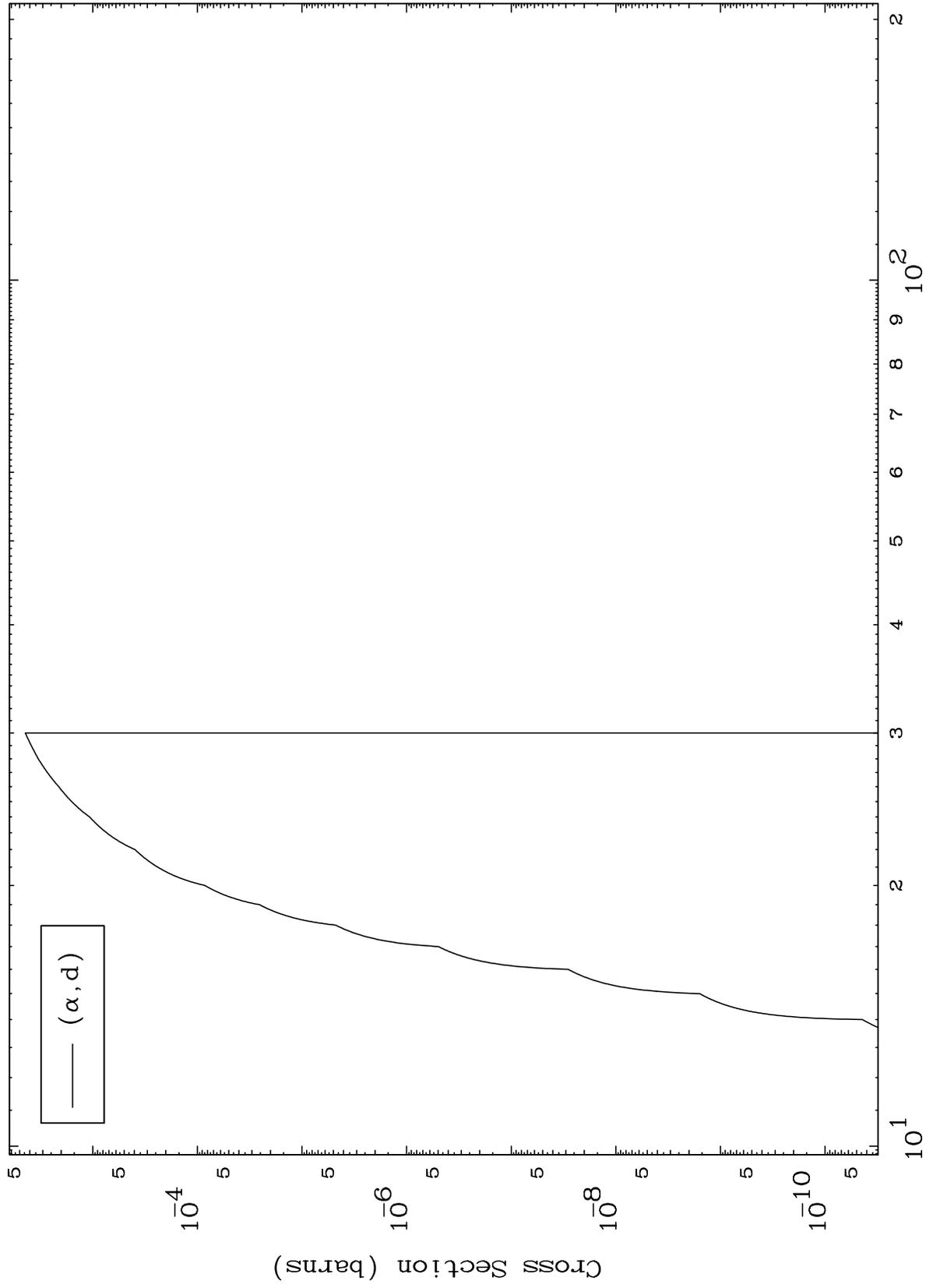
Incident Energy (MeV)

48-Cd-115

MAT 4852

(α, d) Levels
0 Kelvin Cross Sections

48-Cd-115



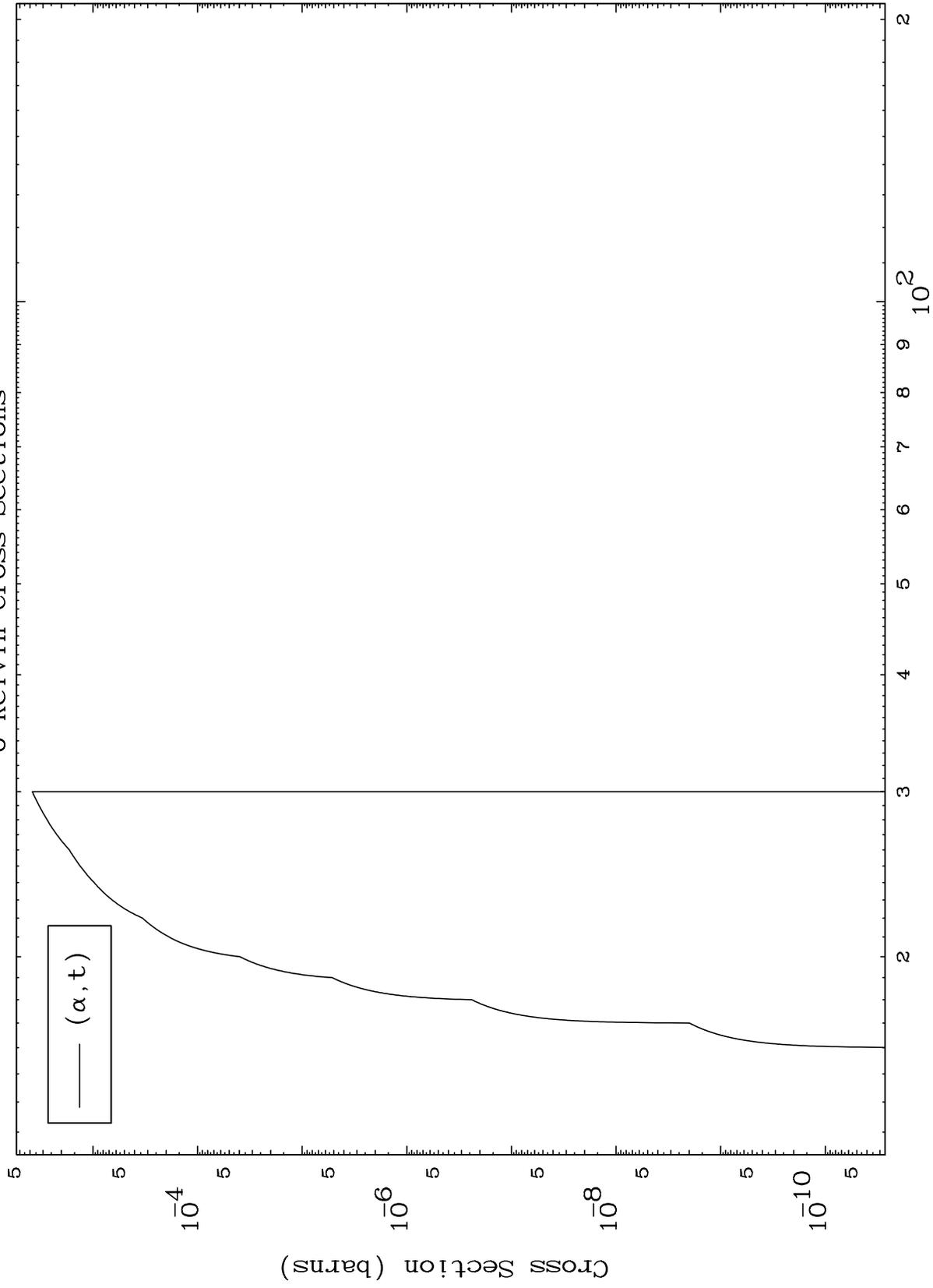
Incident Energy (MeV)

48-Cd-115

MAT 4852

(α, t) Levels
0 Kelvin Cross Sections

48-Cd-115



8

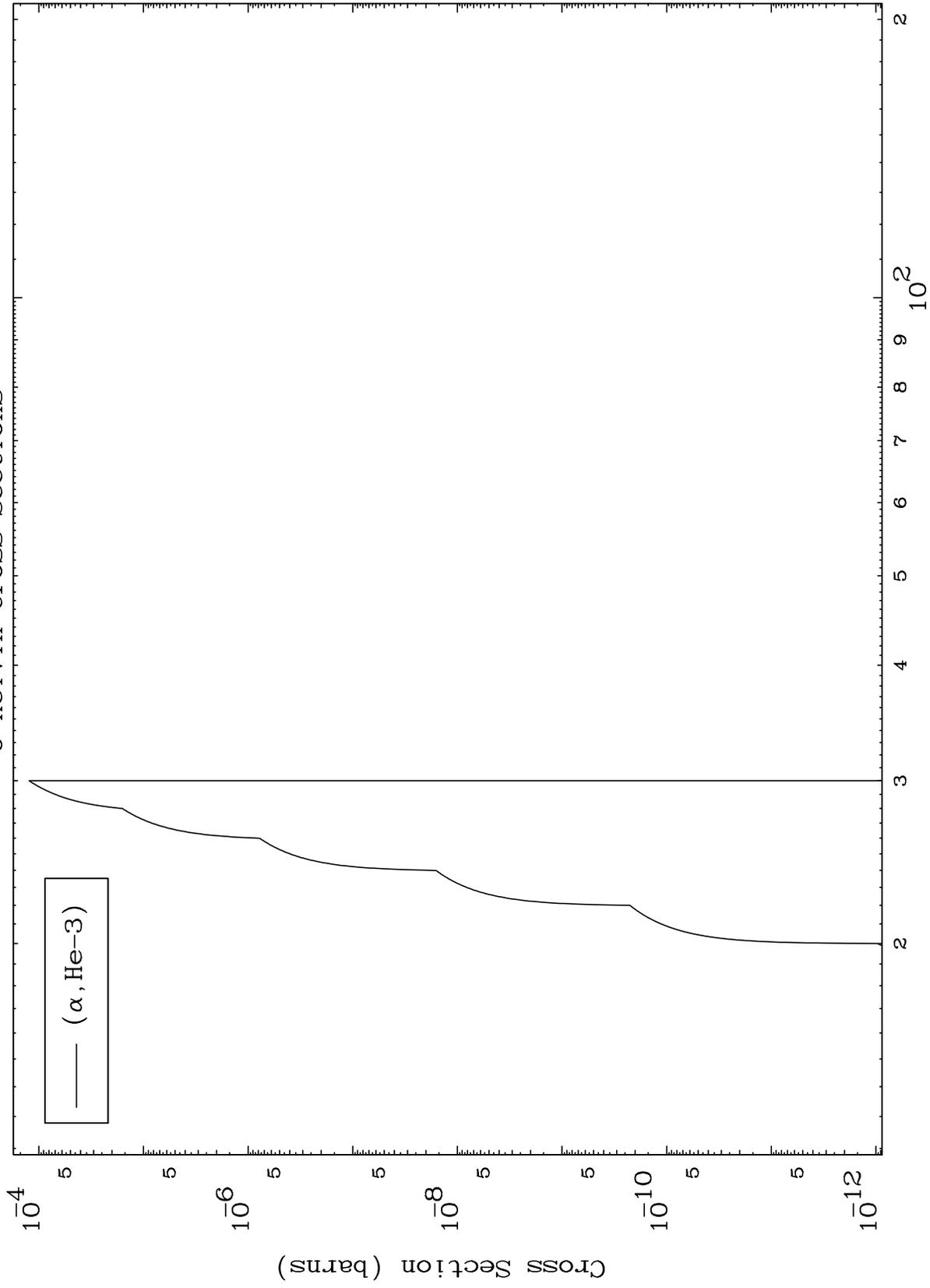
Incident Energy (MeV)

48-Cd-115

MAT 4852

(α ,He3) Levels
0 Kelvin Cross Sections

48-Cd-115



9

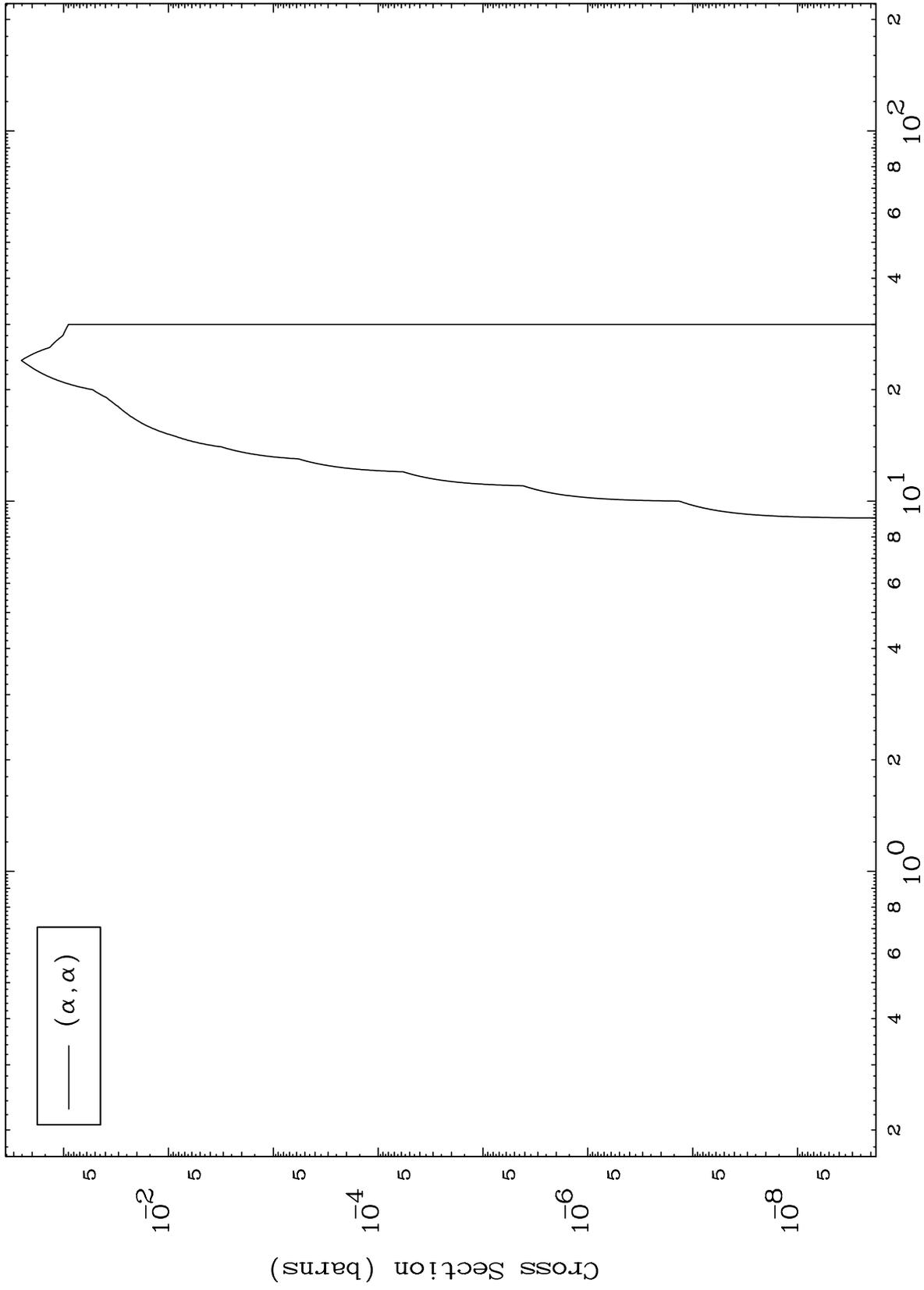
Incident Energy (MeV)

48-Cd-115

MAT 4852

(α, α) Levels
0 Kelvin Cross Sections

48-Cd-115



10

Incident Energy (MeV)

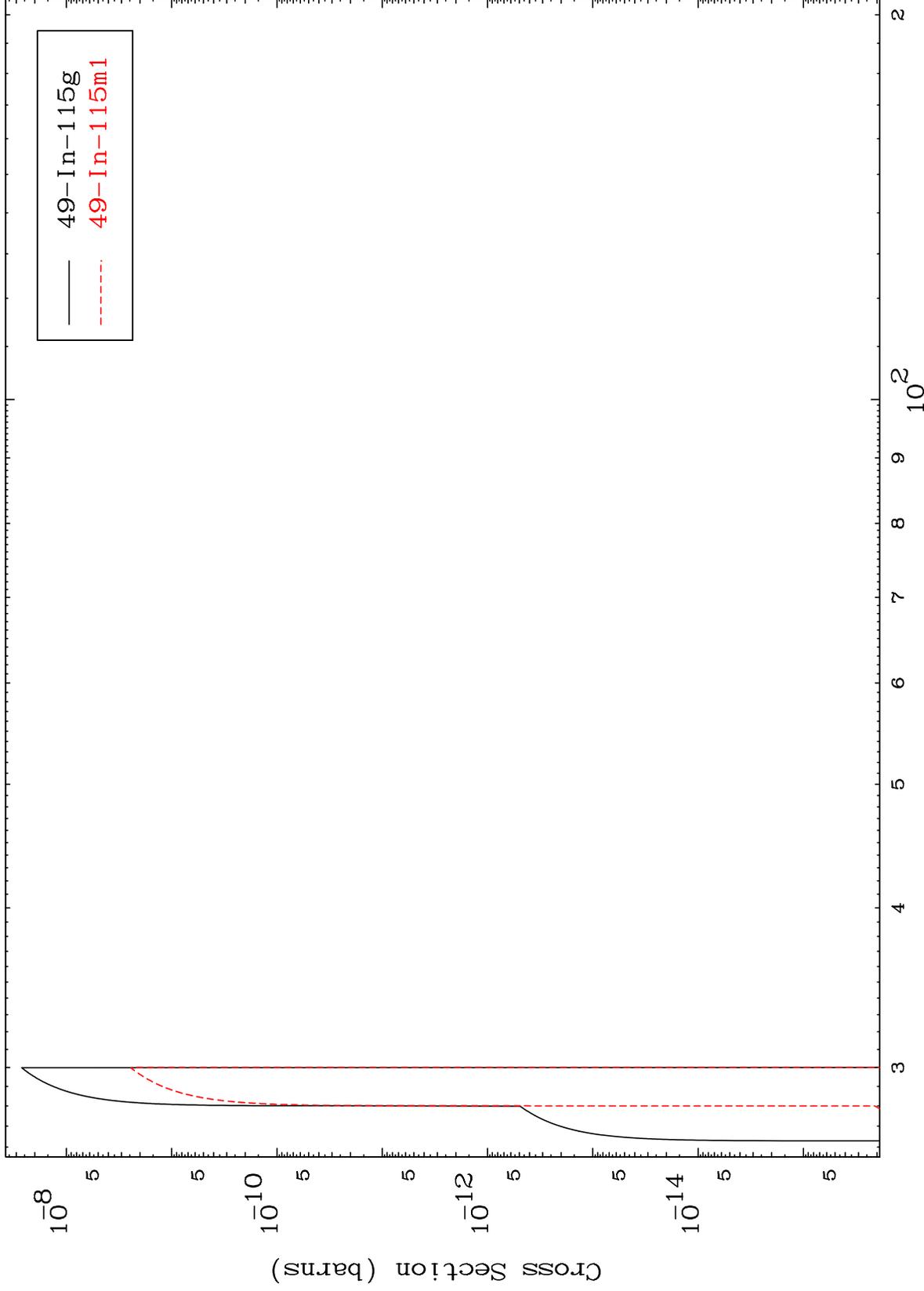
48-Cd-115

MAT 4852

($\alpha, 2n$) d

48-Cd-115

Radionuclide Production Cross Section



11

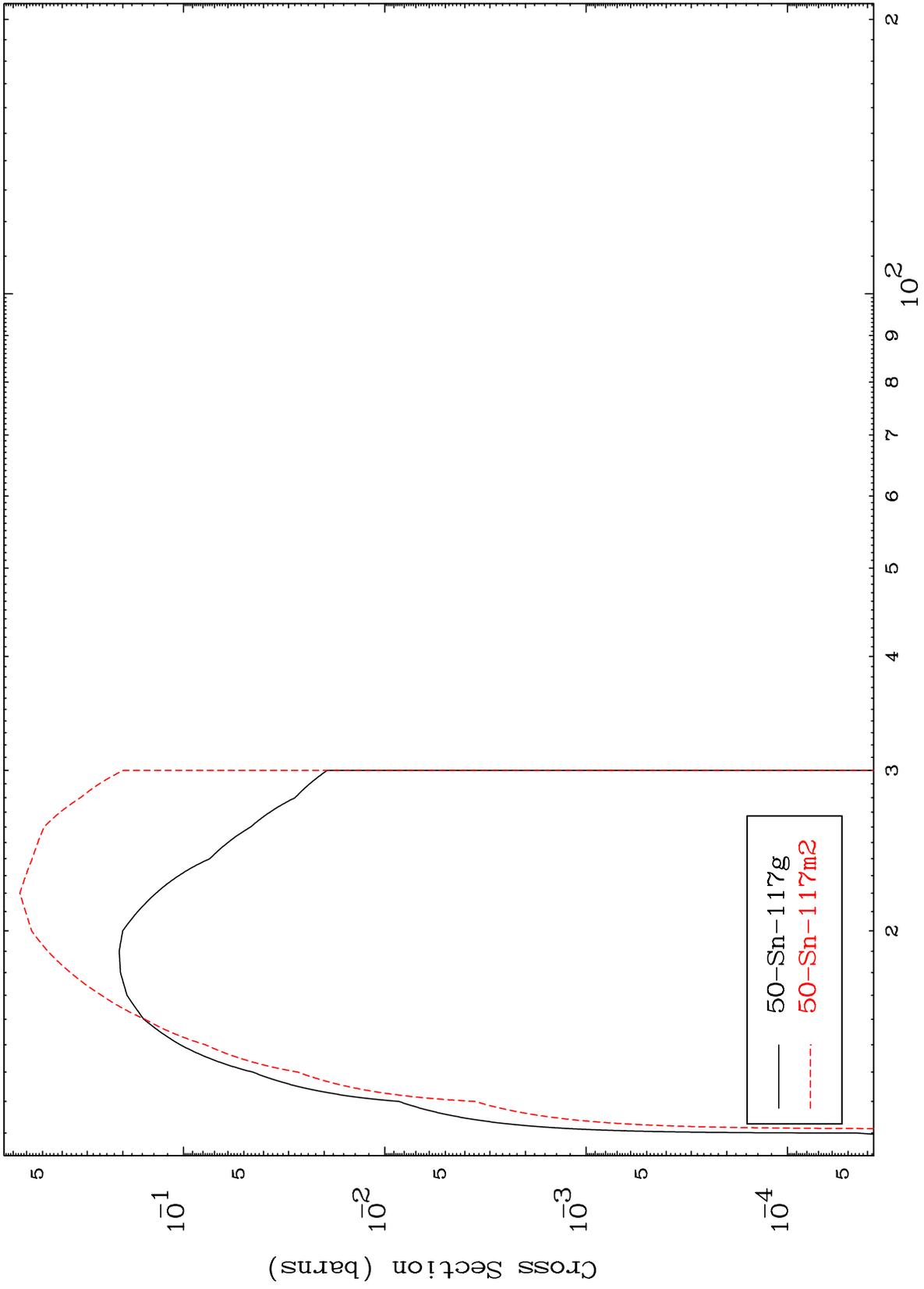
Incident Energy (MeV)

48-Cd-115

MAT 4852

48-Cd-115

Radionuclide Production Cross Section
($\alpha, 2n$)



48-Cd-115

Incident Energy (MeV)

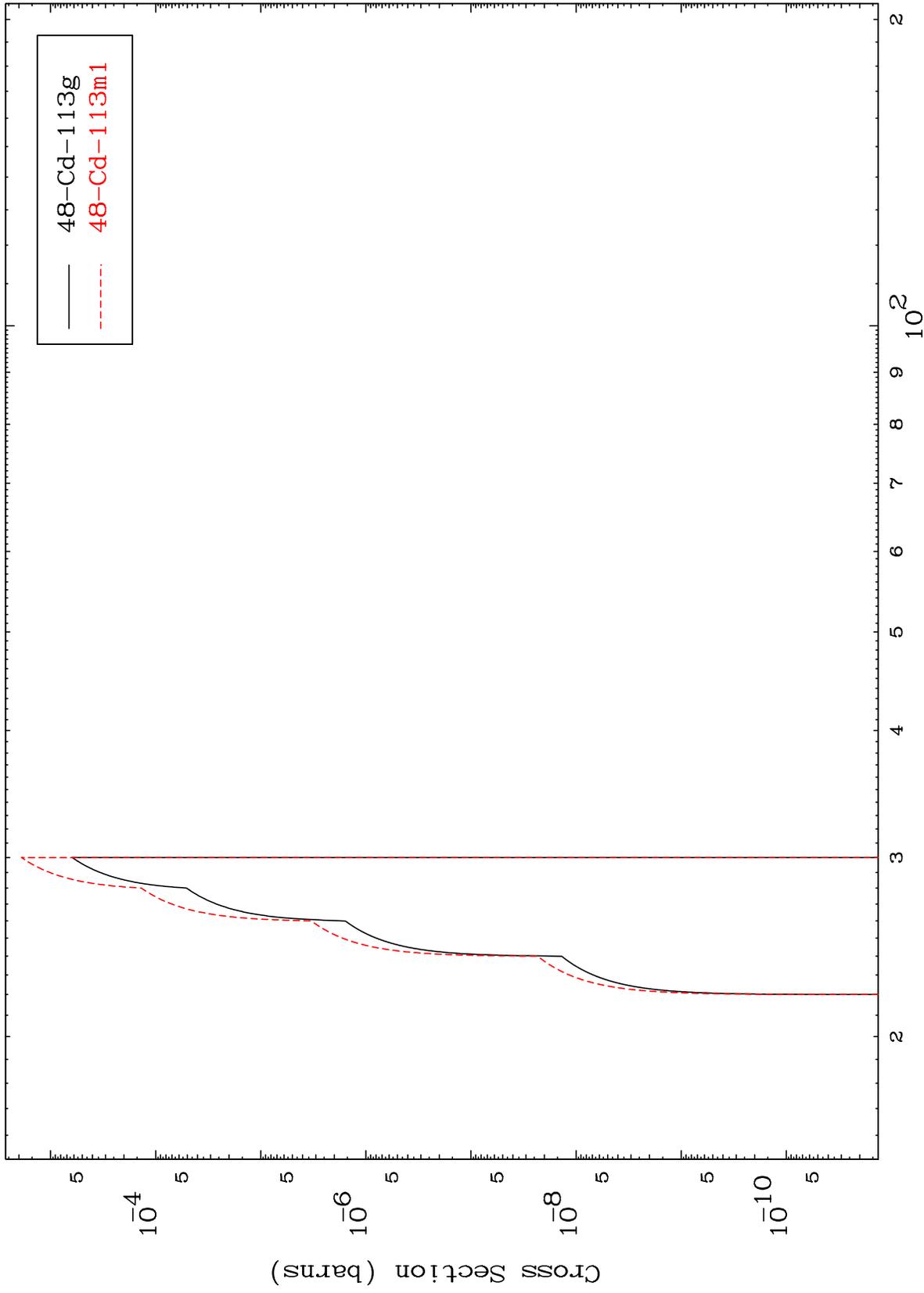
12

MAT 4852

$(\alpha, 2n) \alpha$

48-Cd-115

Radionuclide Production Cross Section



13

Incident Energy (MeV)

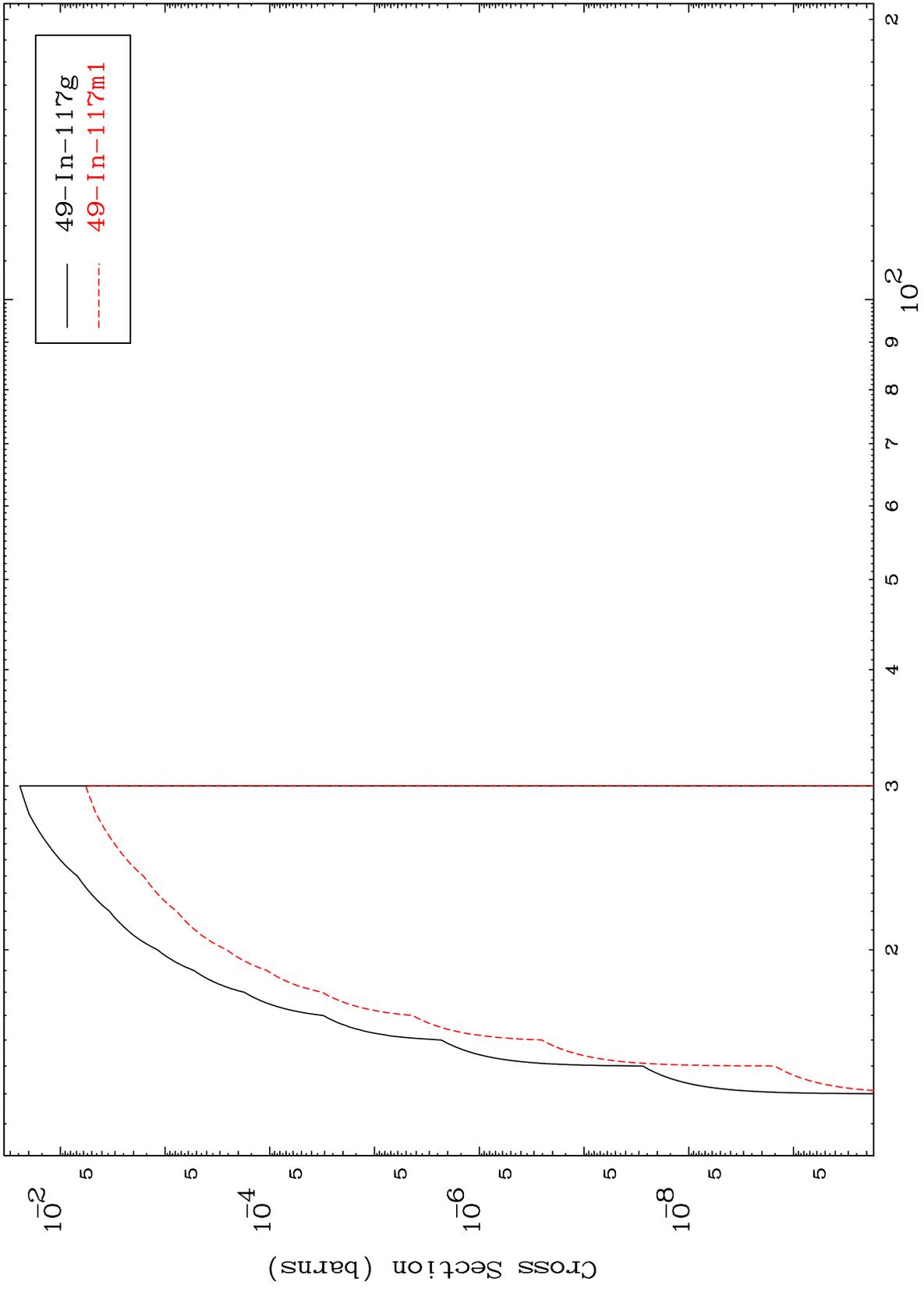
48-Cd-115

MAT 4852

(α, n') p

48-Cd-115

Radionuclide Production Cross Section



14

Incident Energy (MeV)

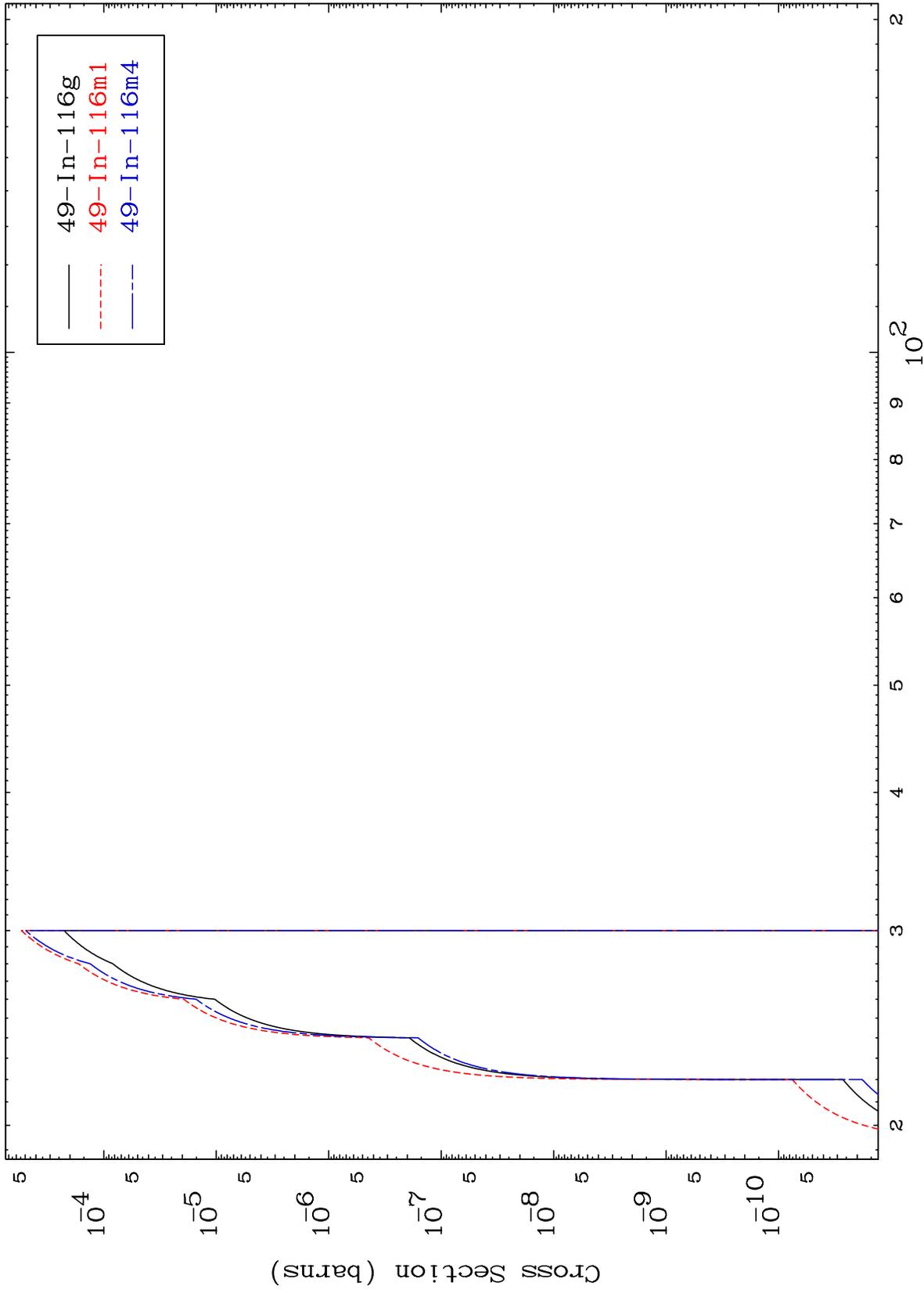
48-Cd-115

MAT 4852

(α, n') d

48-Cd-115

Radionuclide Production Cross Section



15

Incident Energy (MeV)

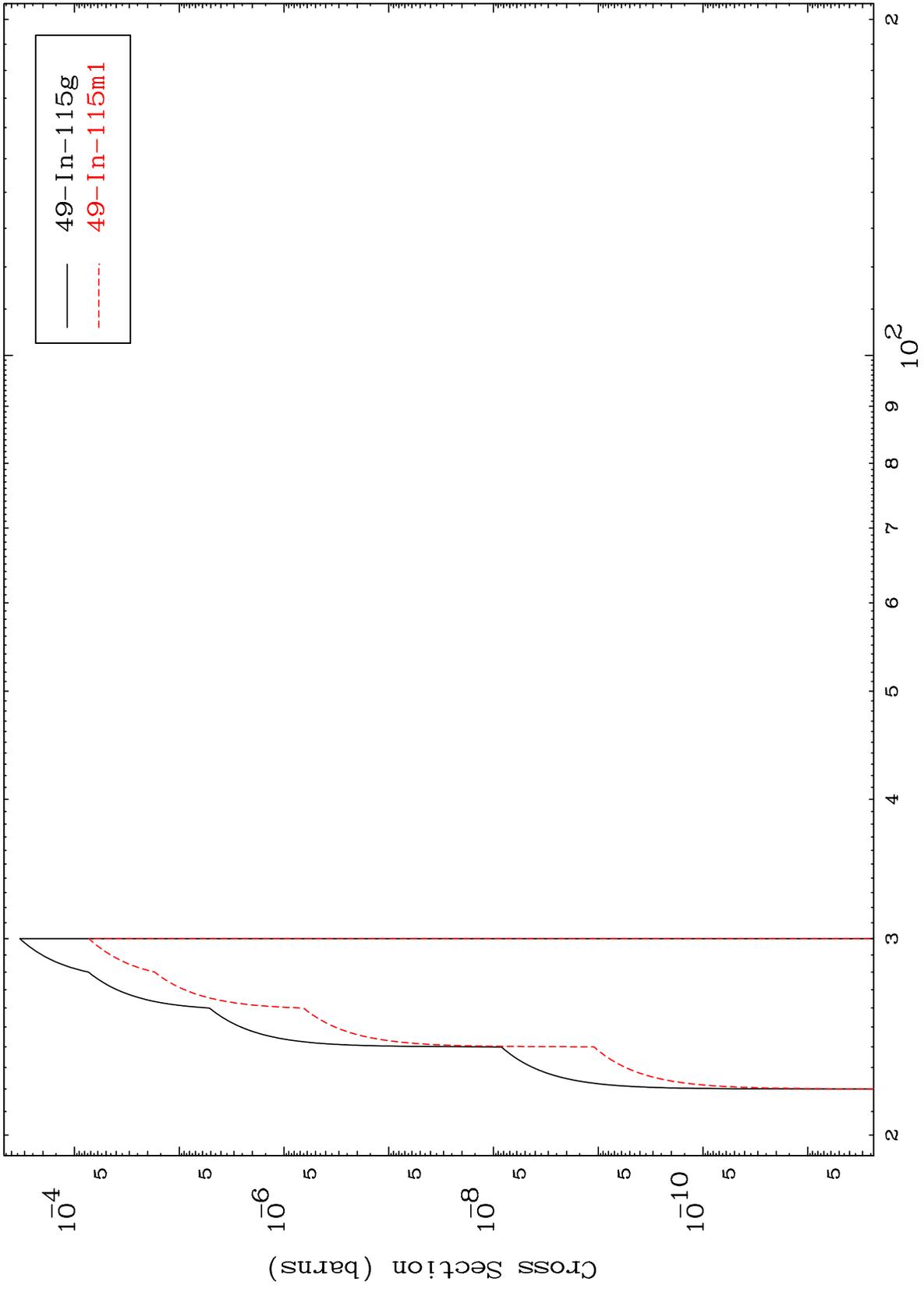
48-Cd-115

MAT 4852

(α, n') t

48-Cd-115

Radionuclide Production Cross Section



16

Incident Energy (MeV)

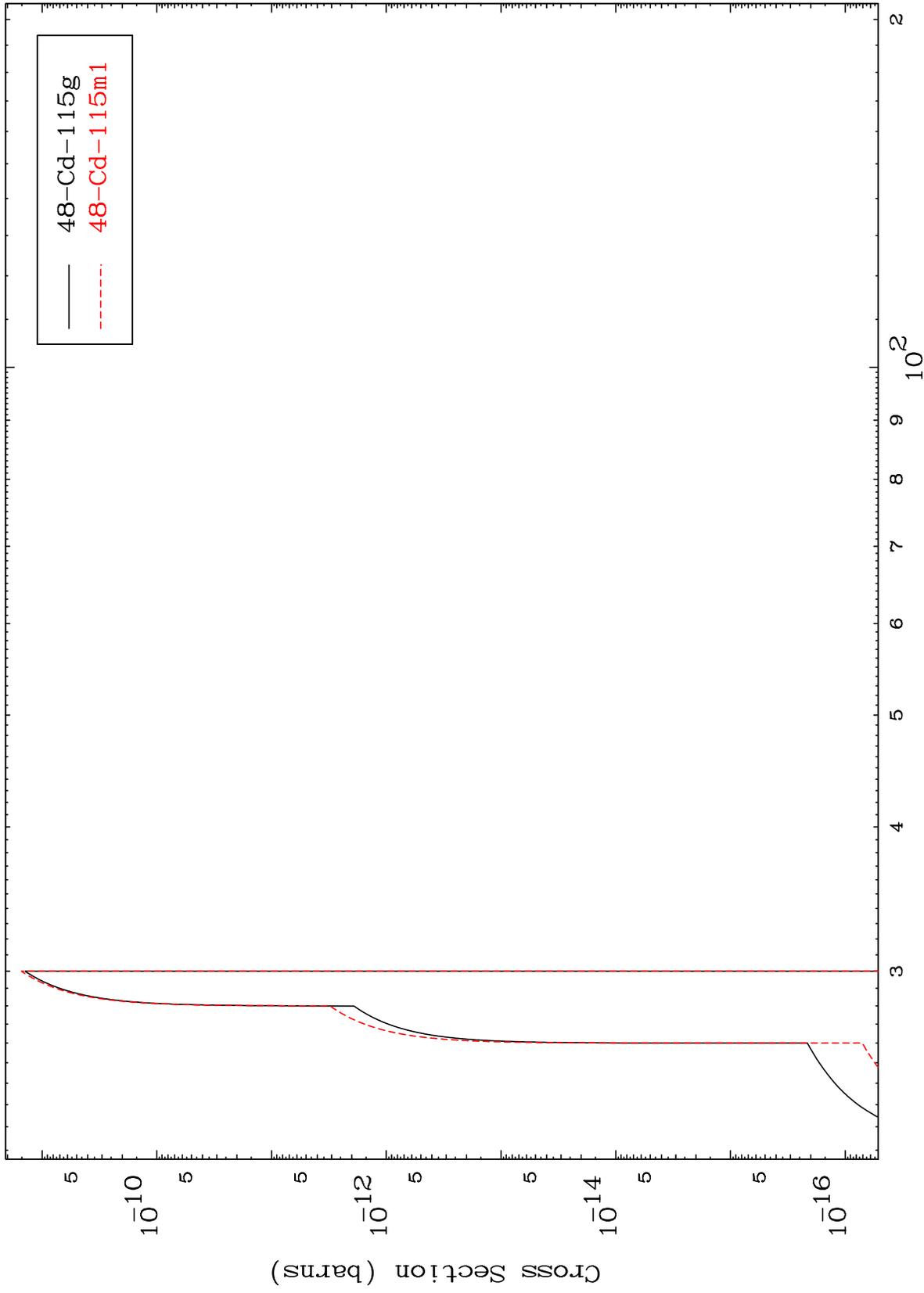
48-Cd-115

MAT 4852

(α, n') He-3

48-Cd-115

Radionuclide Production Cross Section



17

Incident Energy (MeV)

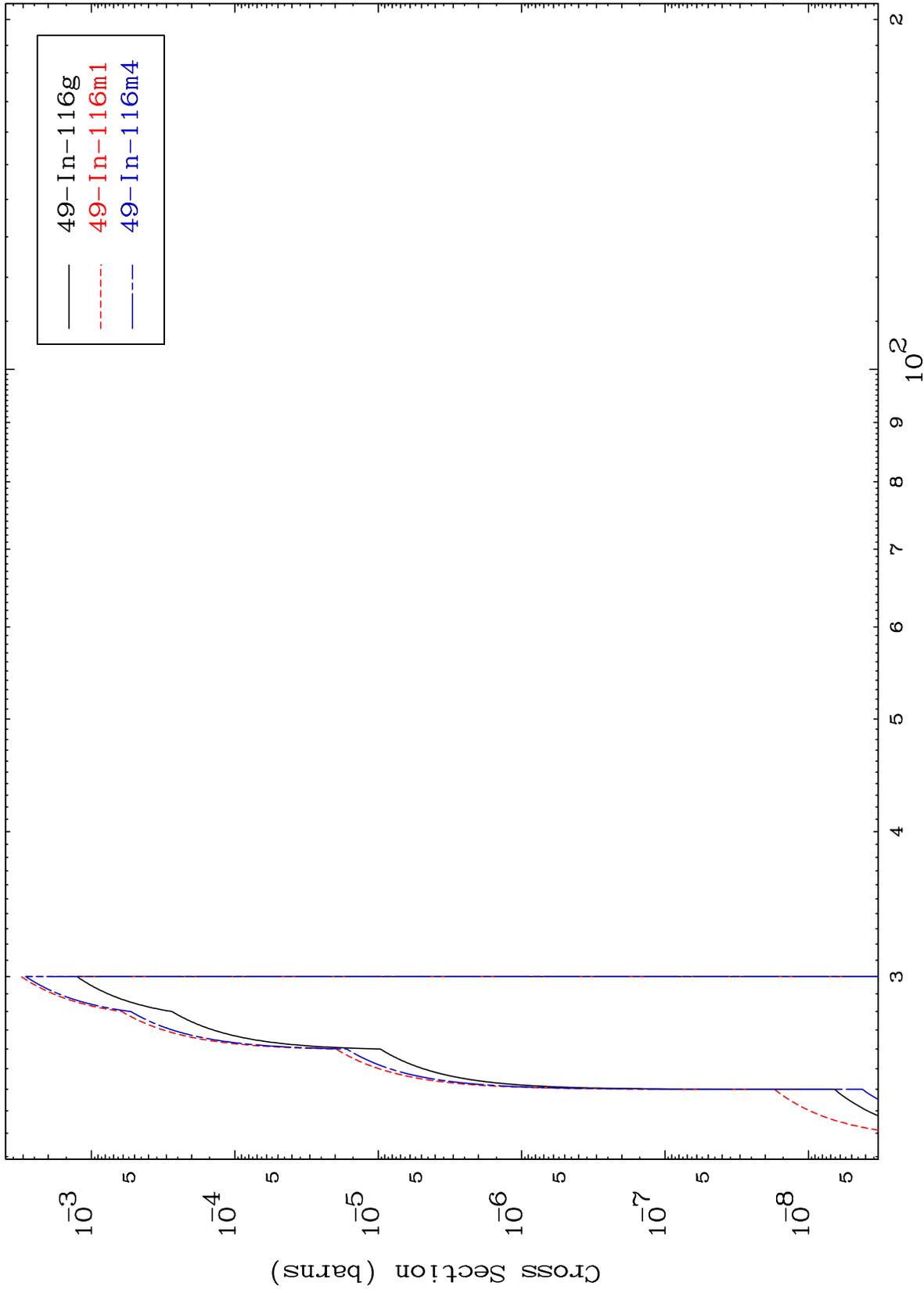
48-Cd-115

MAT 4852

($\alpha, 2n$) p

48-Cd-115

Radionuclide Production Cross Section



18

Incident Energy (MeV)

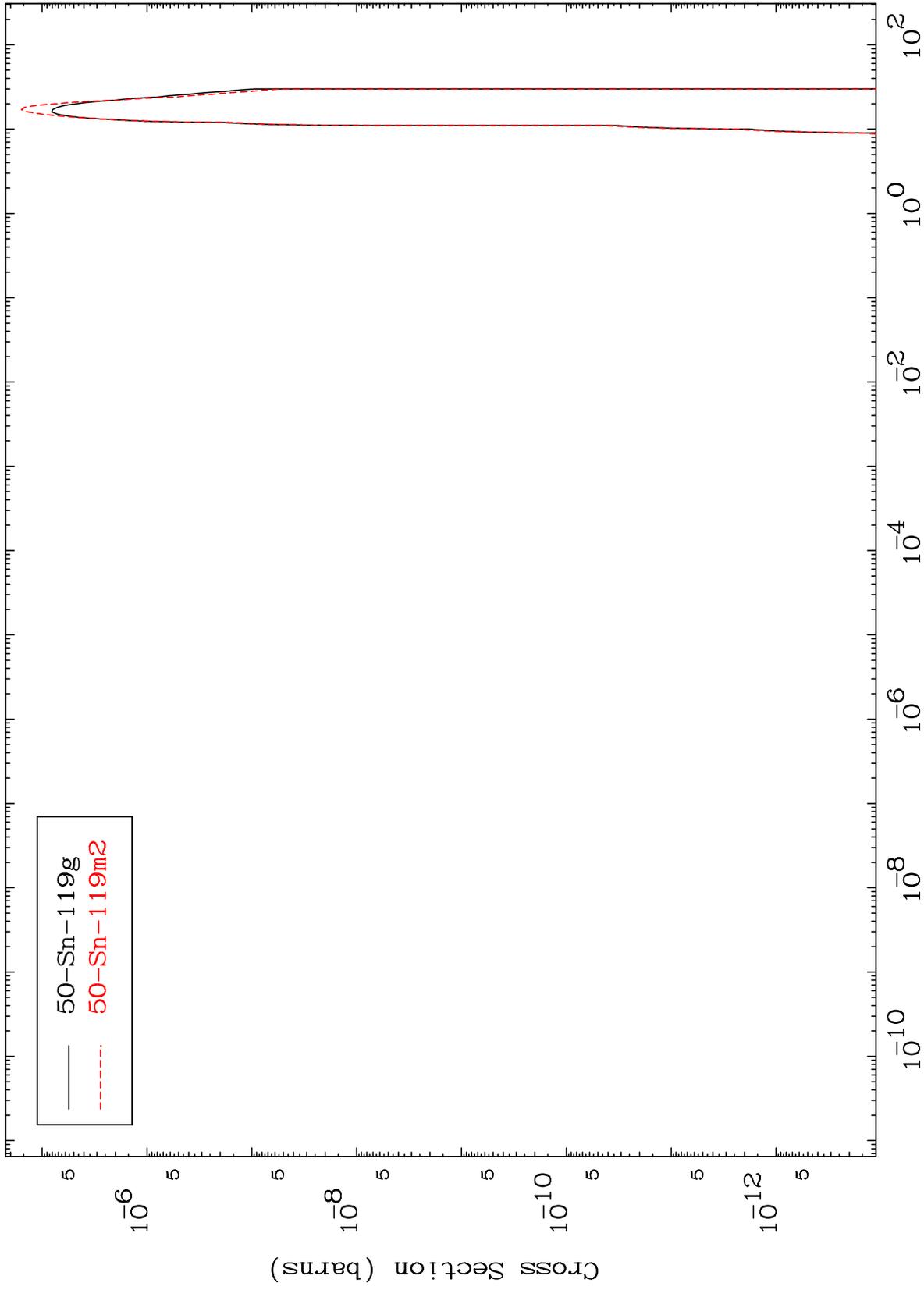
48-Cd-115

MAT 4852

(α, γ)

48-Cd-115

Radionuclide Production Cross Section



19

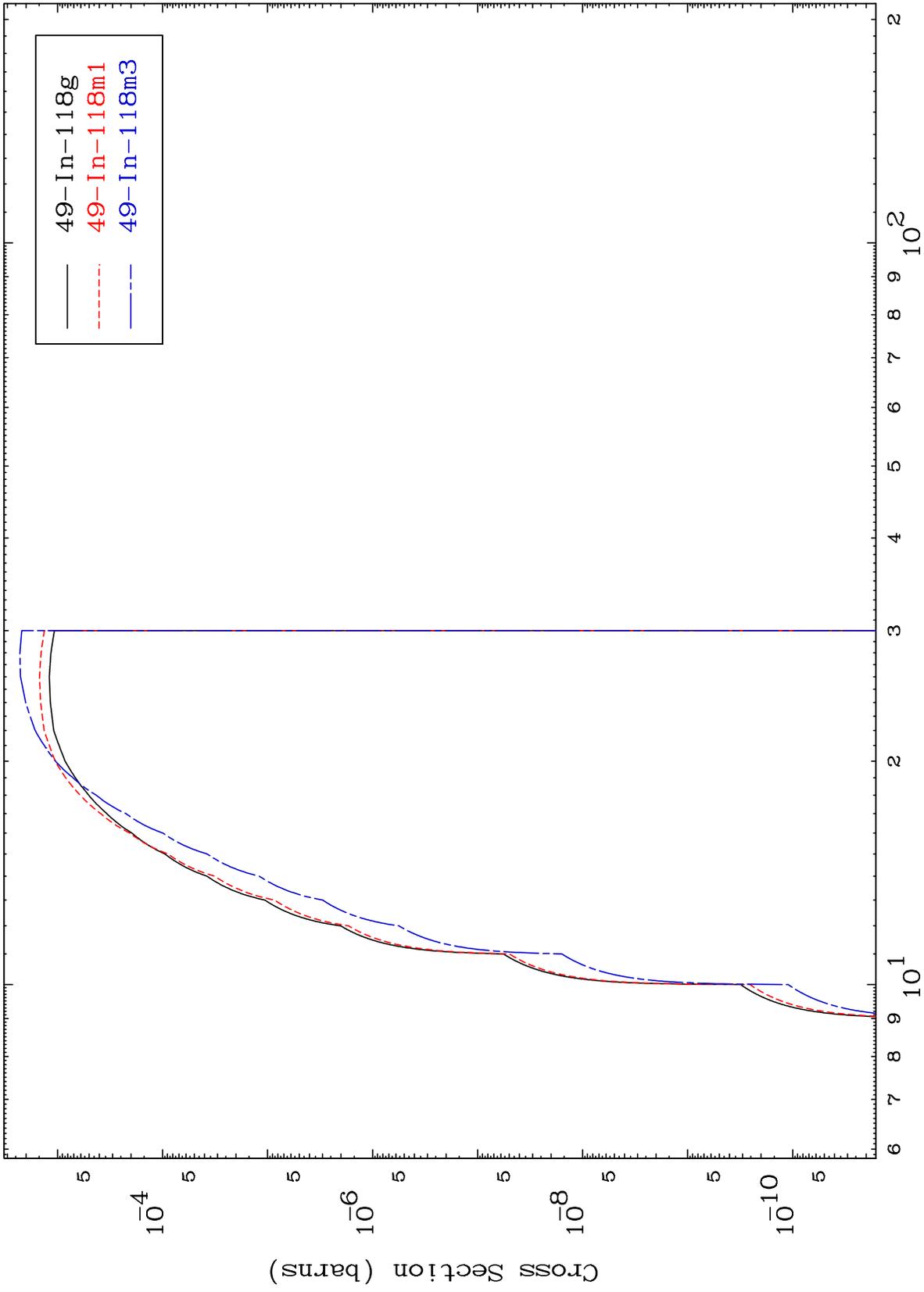
Incident Energy (MeV)

48-Cd-115

MAT 4852

48-Cd-115

(α, p)
Radionuclide Production Cross Section



20

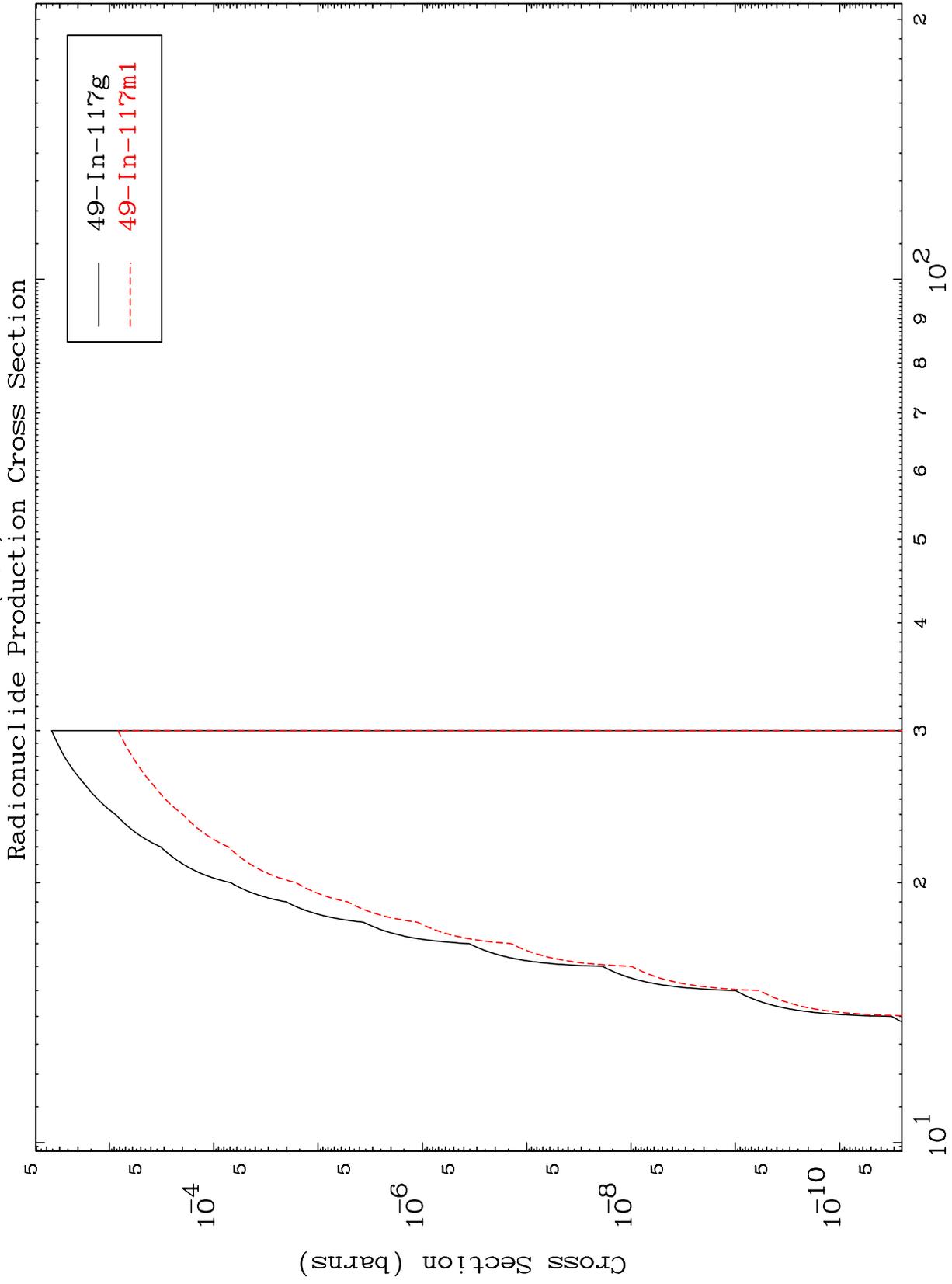
Incident Energy (MeV)

48-Cd-115

MAT 4852

(α, d)

48-Cd-115



21

Incident Energy (MeV)

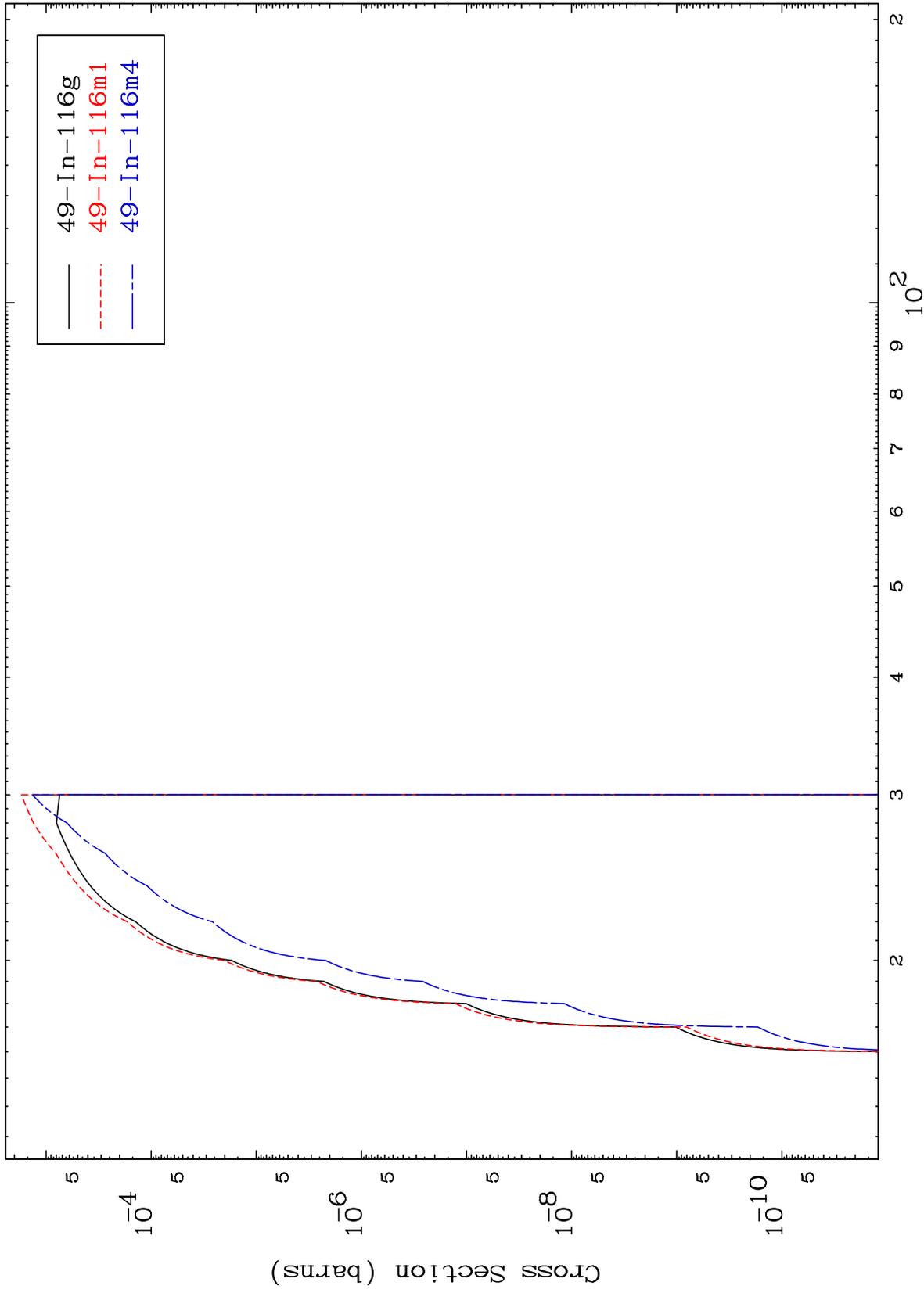
48-Cd-115

MAT 4852

(α, t)

48-Cd-115

Radionuclide Production Cross Section



22

Incident Energy (MeV)

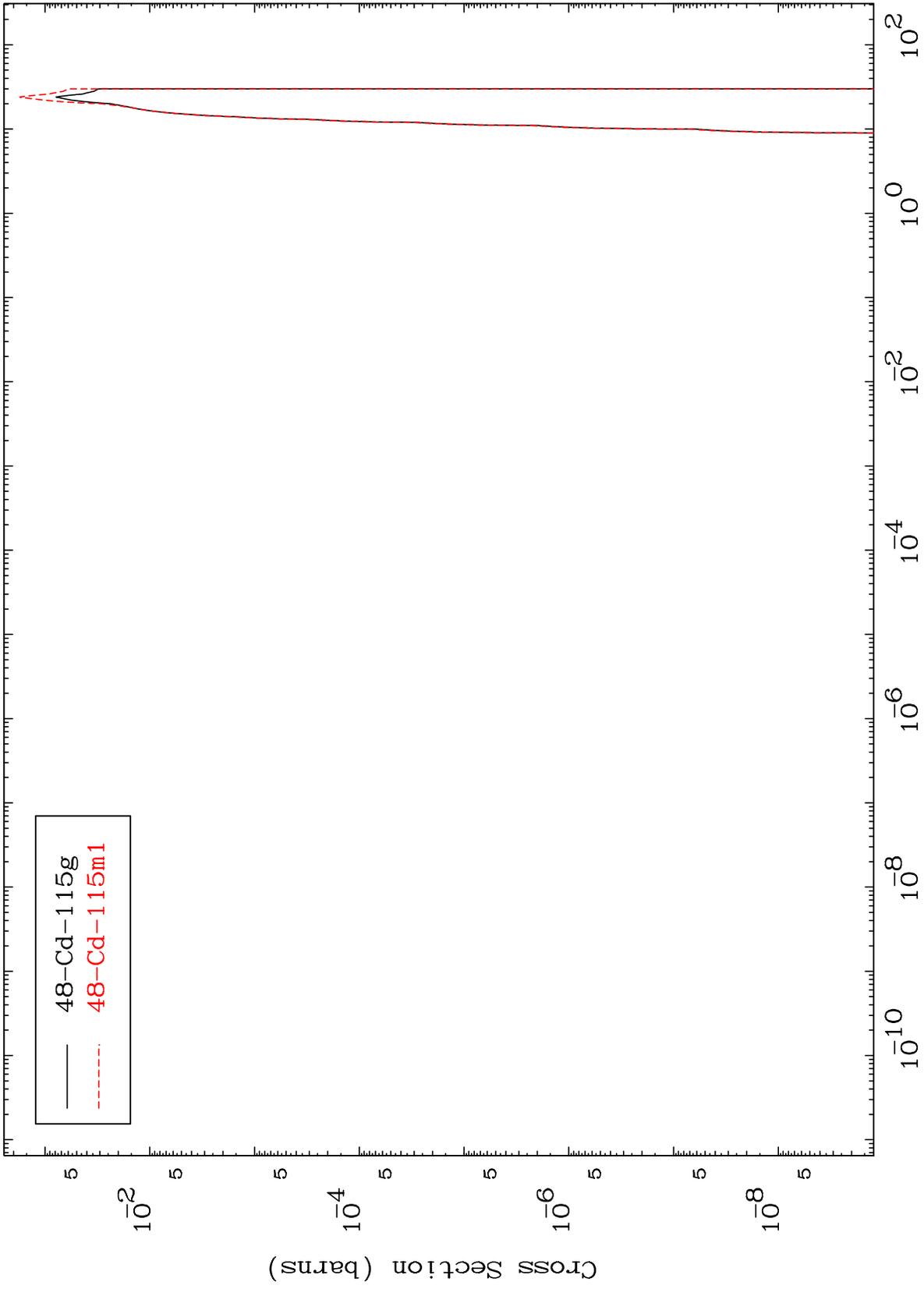
48-Cd-115

MAT 4852

(α, α)

48-Cd-115

Radionuclide Production Cross Section



23

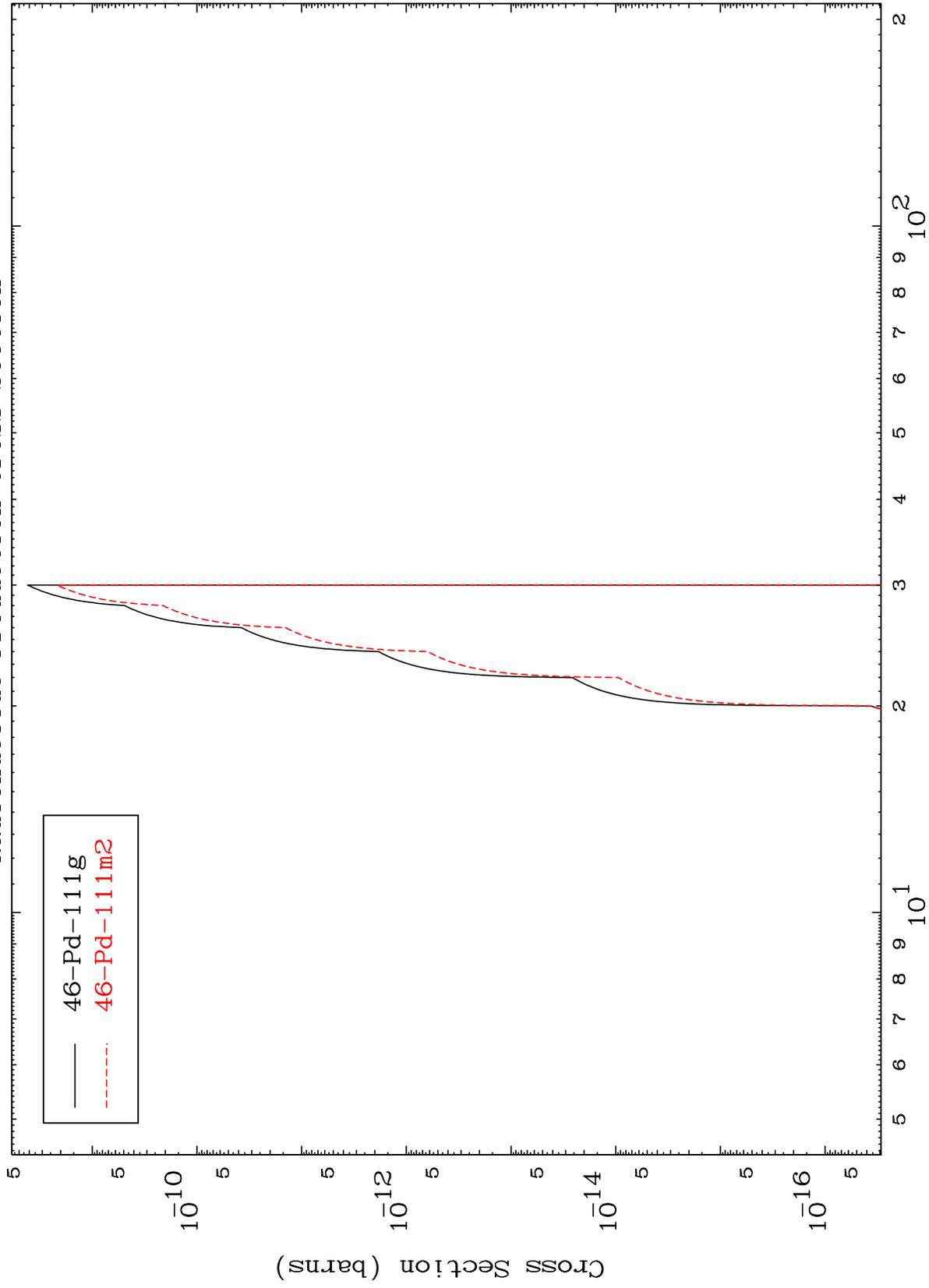
Incident Energy (MeV)

48-Cd-115

MAT 4852

48-Cd-115

($\alpha, 2\alpha$)
Radionuclide Production Cross Section



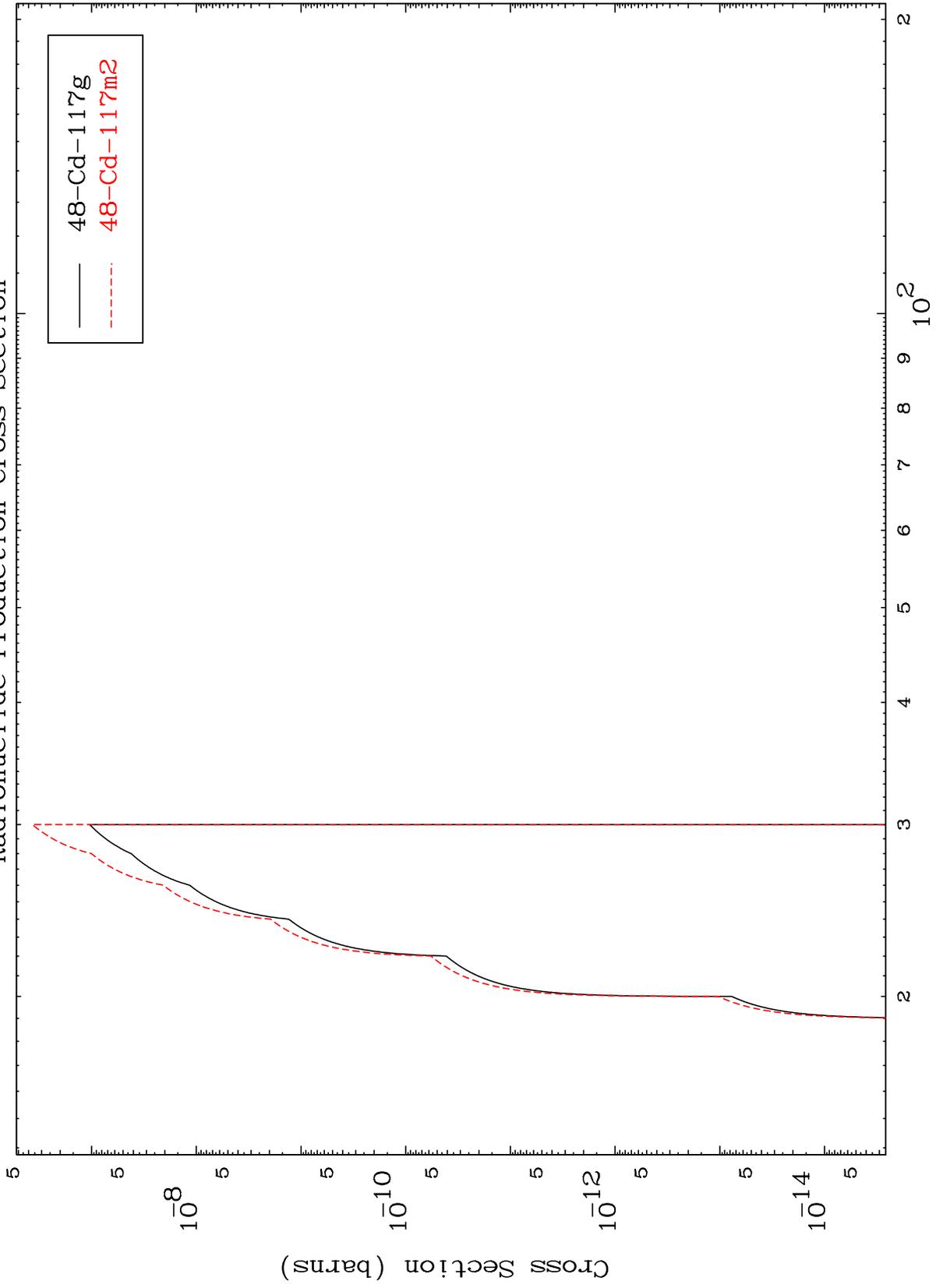
24

48-Cd-115

MAT 4852

48-Cd-115

($\alpha, 2p$)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

48-Cd-115