

Program EVALPLOT
(Version 2021-1)

by

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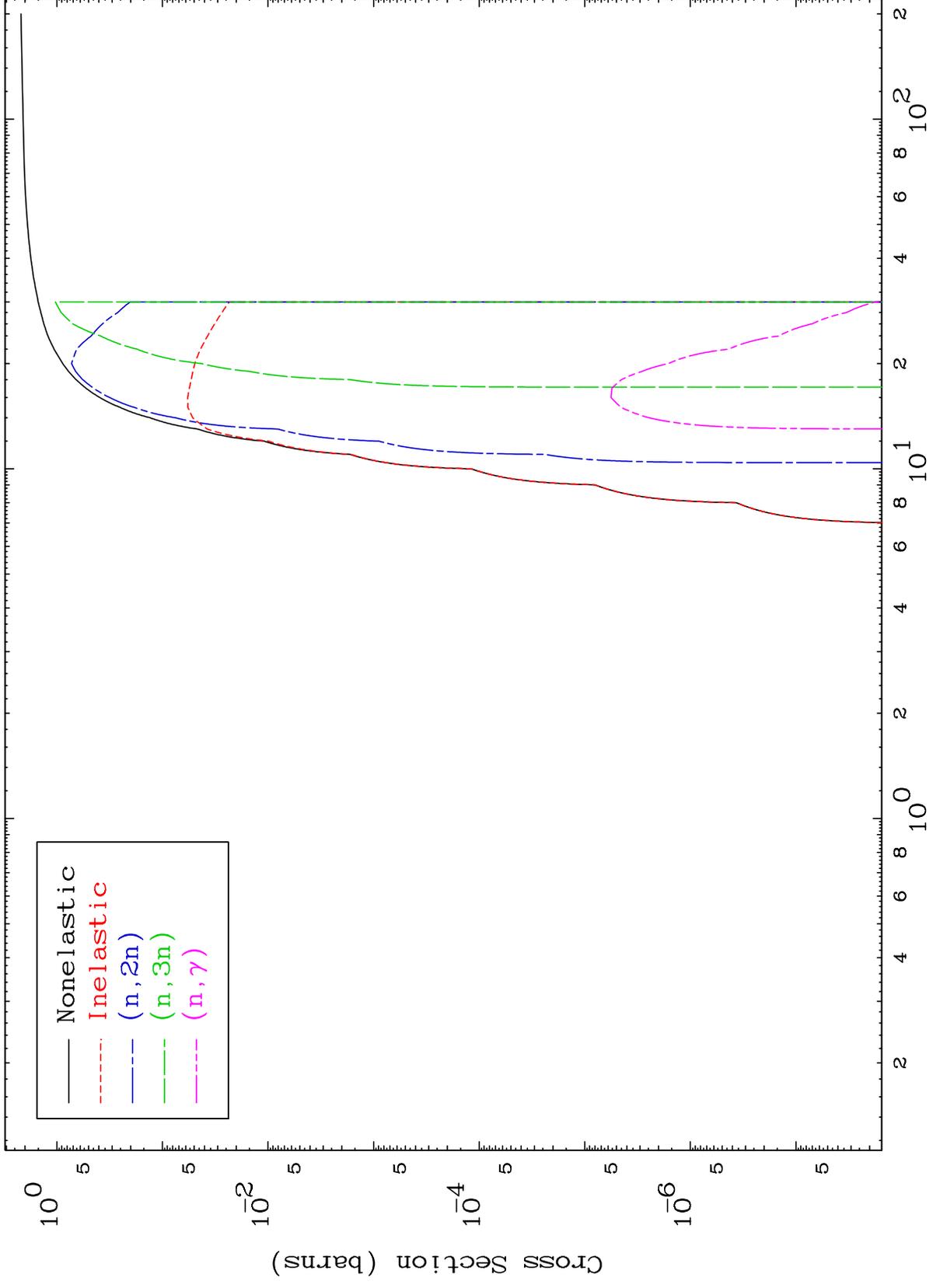
Press Mouse Button to Start

MAT 4858

α Major

48-Cd-117

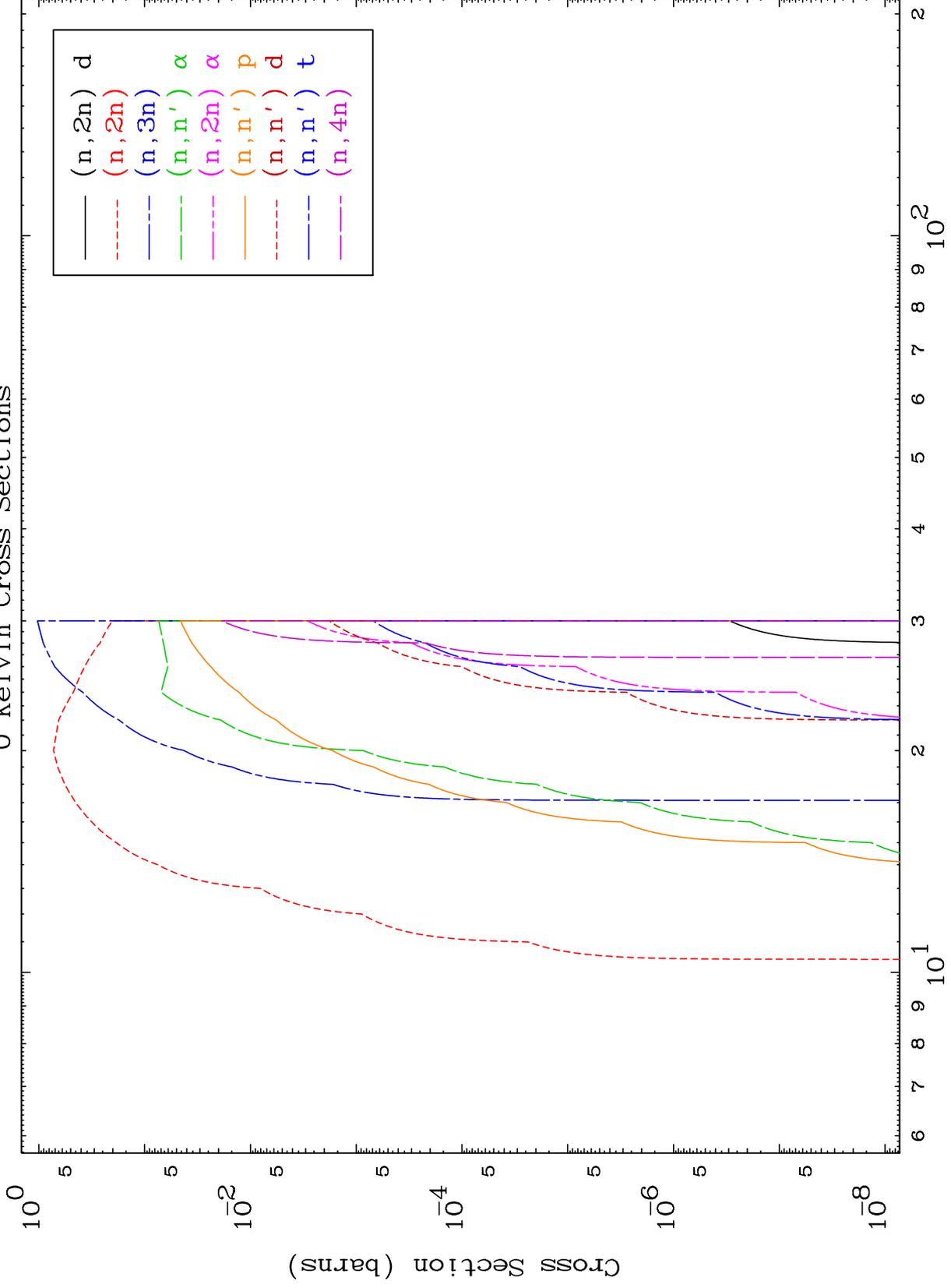
0 Kelvin Cross Sections



48-Cd-117

Incident Energy (MeV)

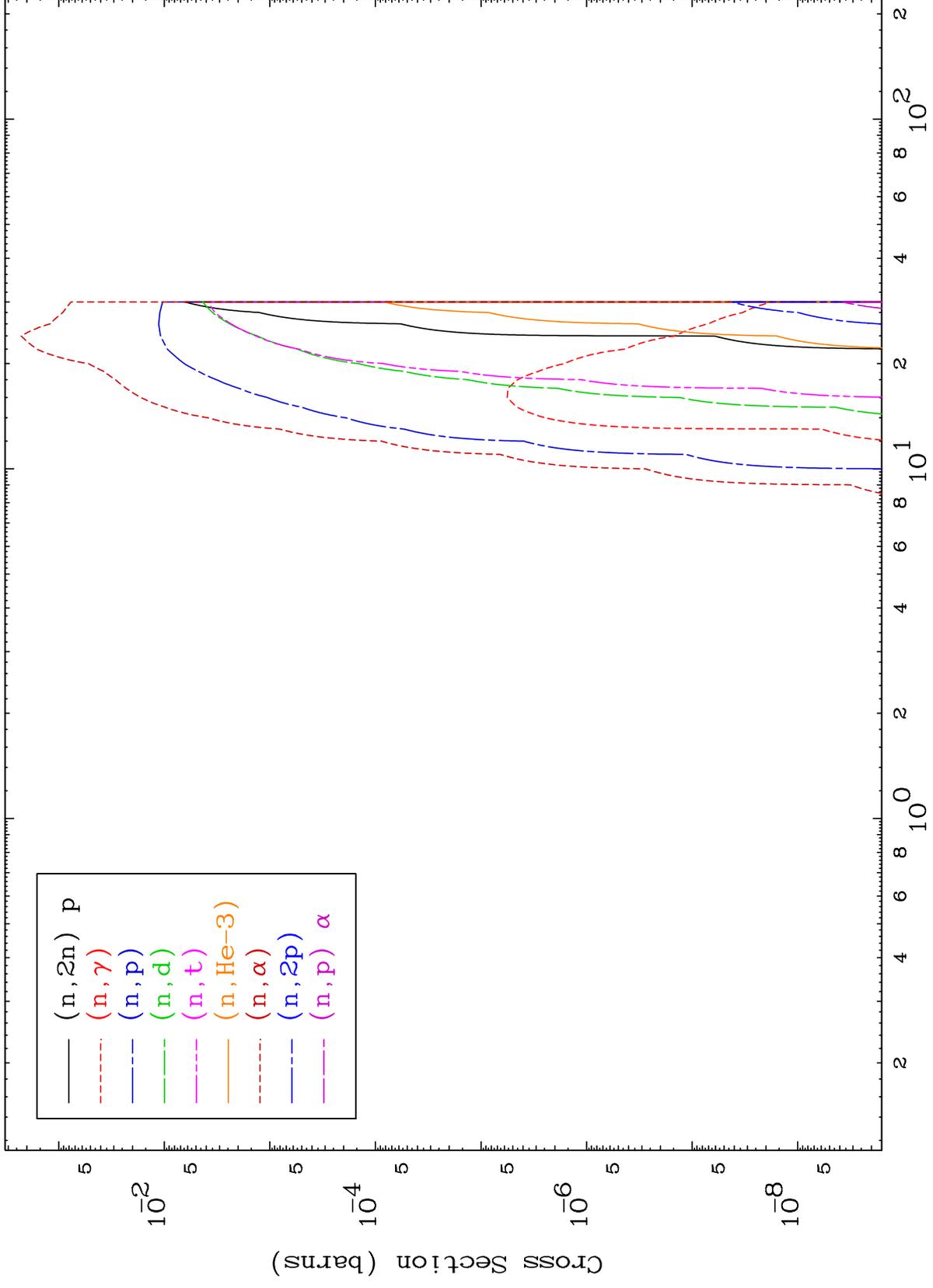
1



MAT 4858

α Neutron Absorption
0 Kelvin Cross Sections

48-Cd-117



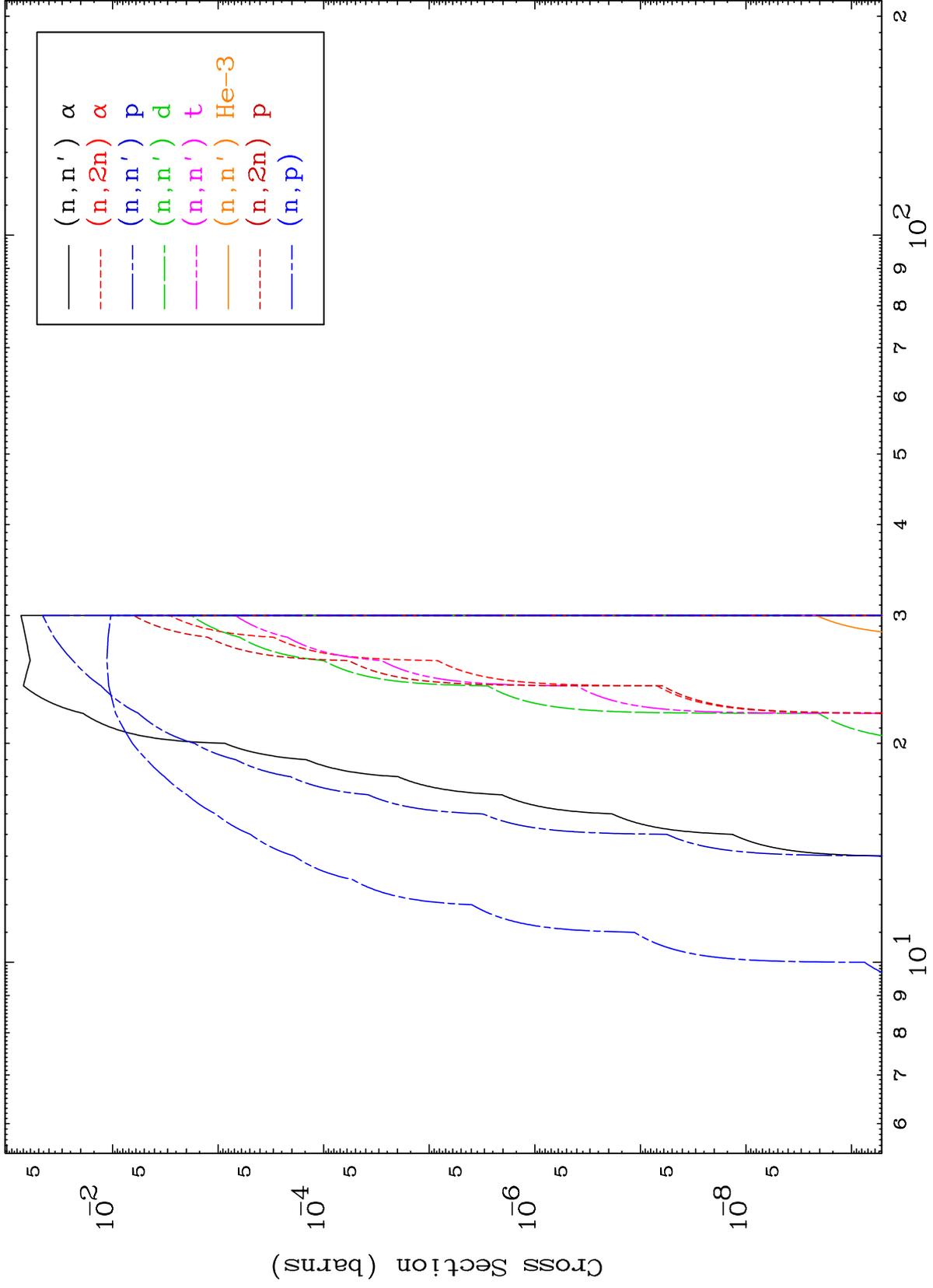
Incident Energy (MeV)

48-Cd-117

MAT 4858

α Charged Particle
0 Kelvin Cross Sections

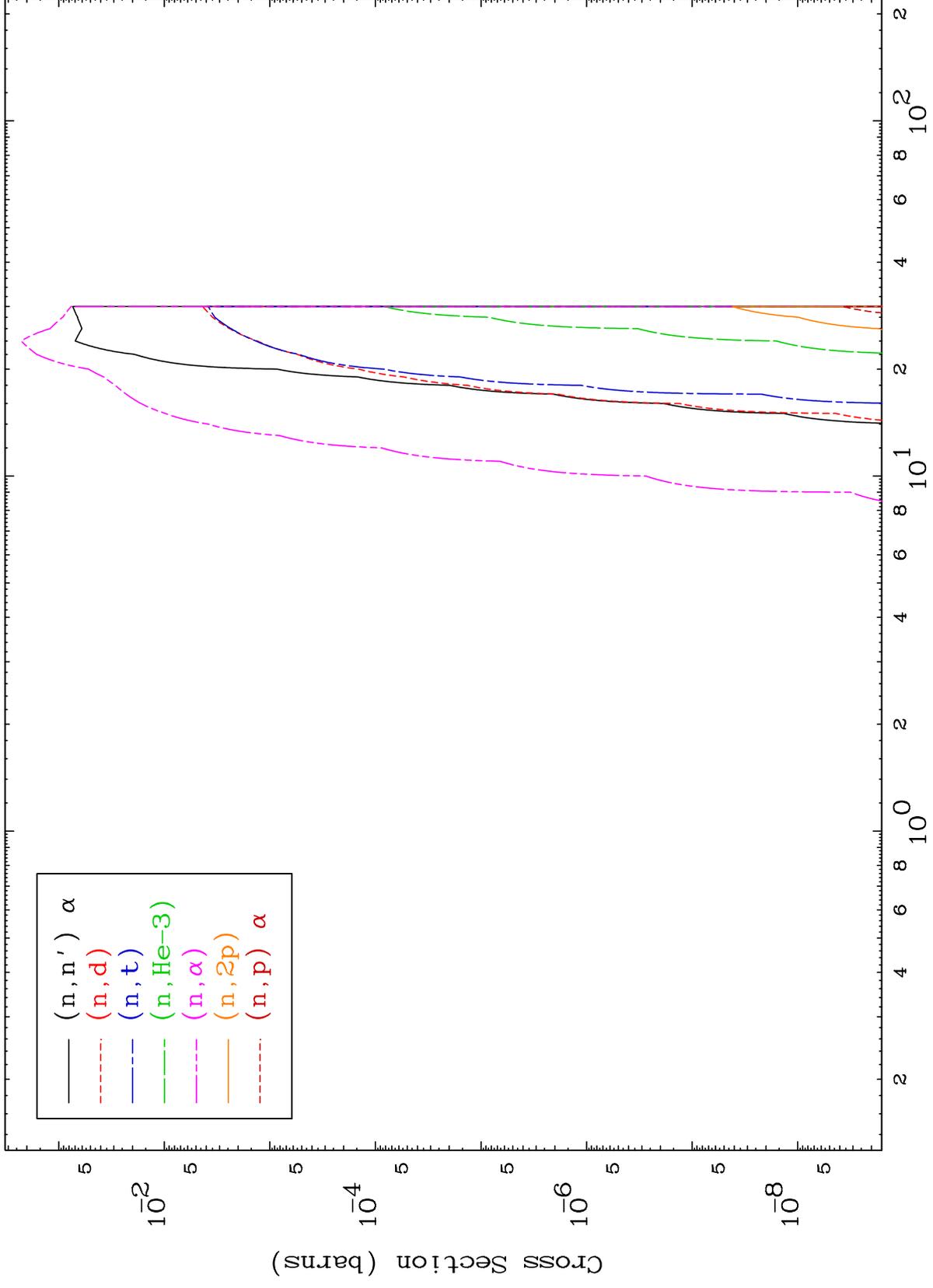
48-Cd-117



4

Incident Energy (MeV)

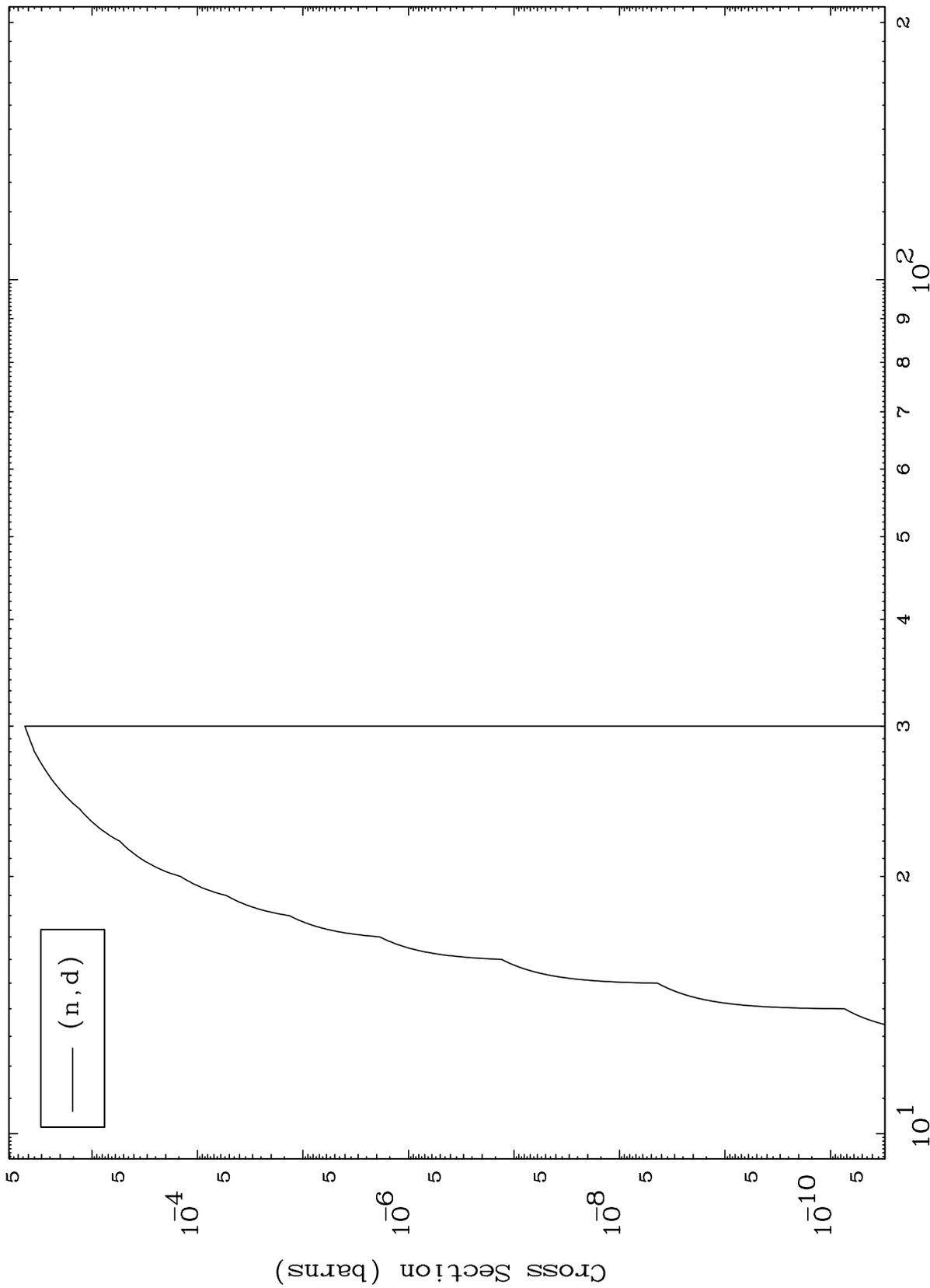
48-Cd-117



MAT 4858

48-Cd-117

(α, d) Levels
0 Kelvin Cross Sections



48-Cd-117

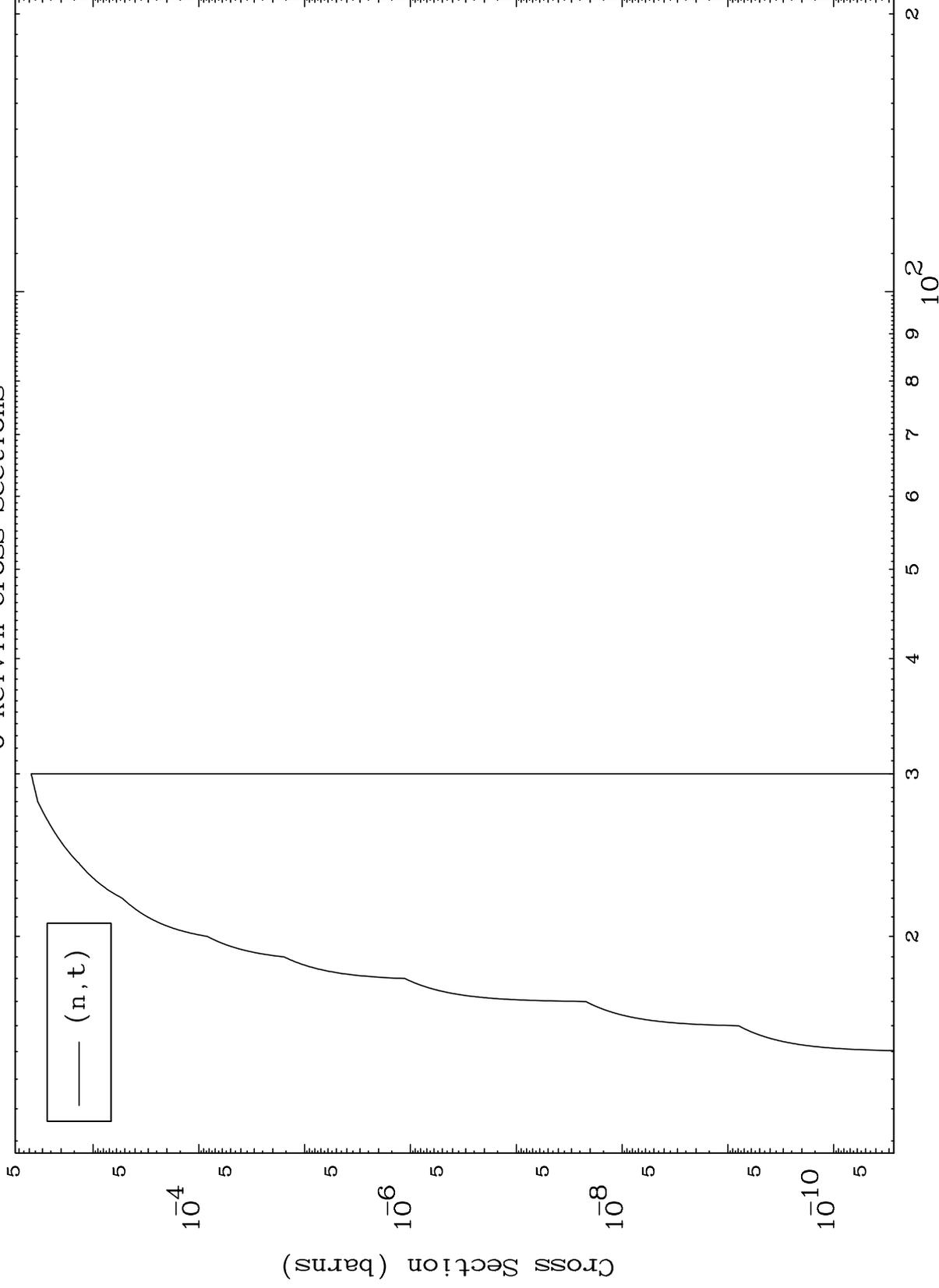
Incident Energy (MeV)

7

MAT 4858

(α, t) Levels
0 Kelvin Cross Sections

48-Cd-117



8

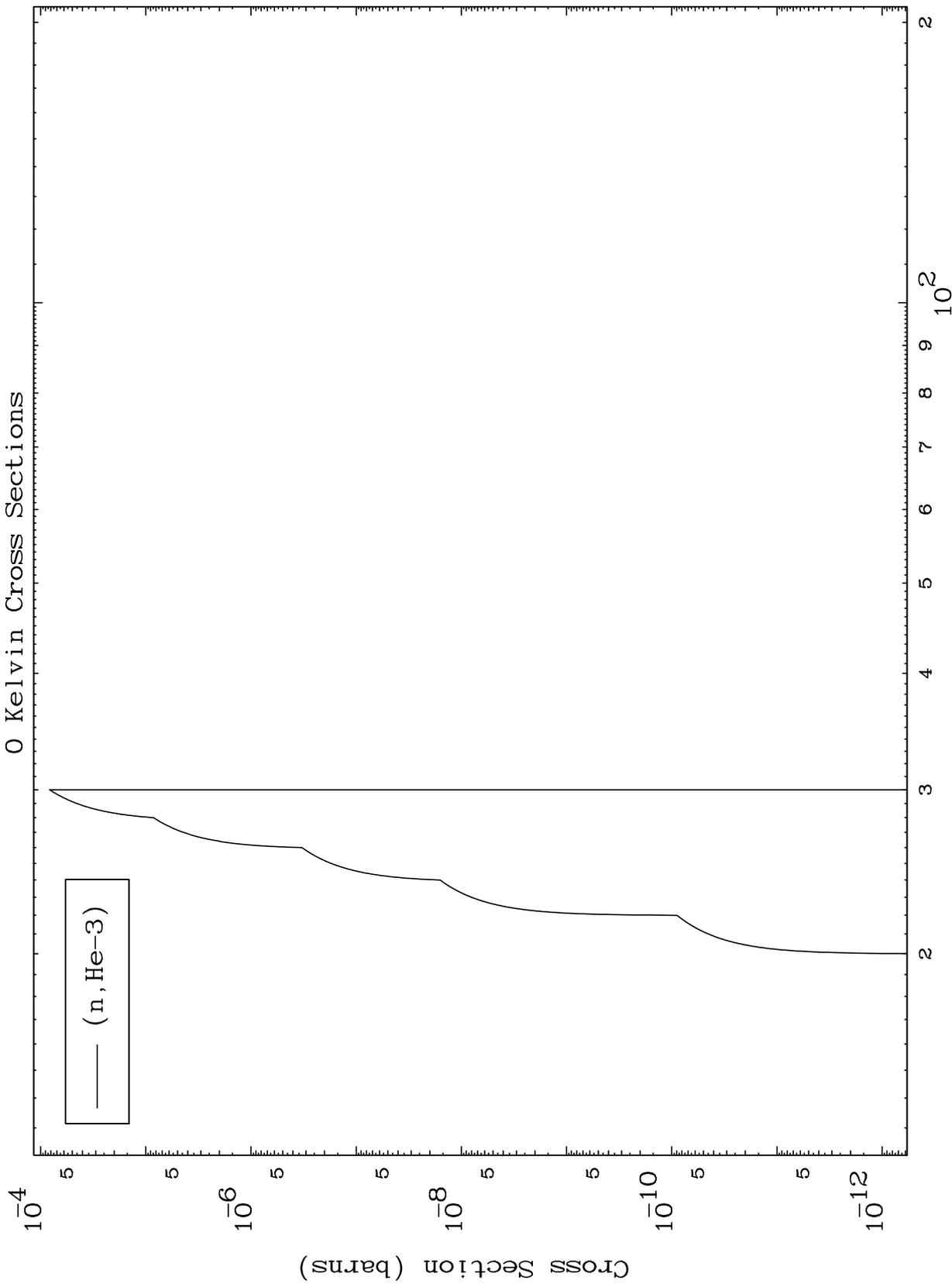
Incident Energy (MeV)

48-Cd-117

MAT 4858

48-Cd-117

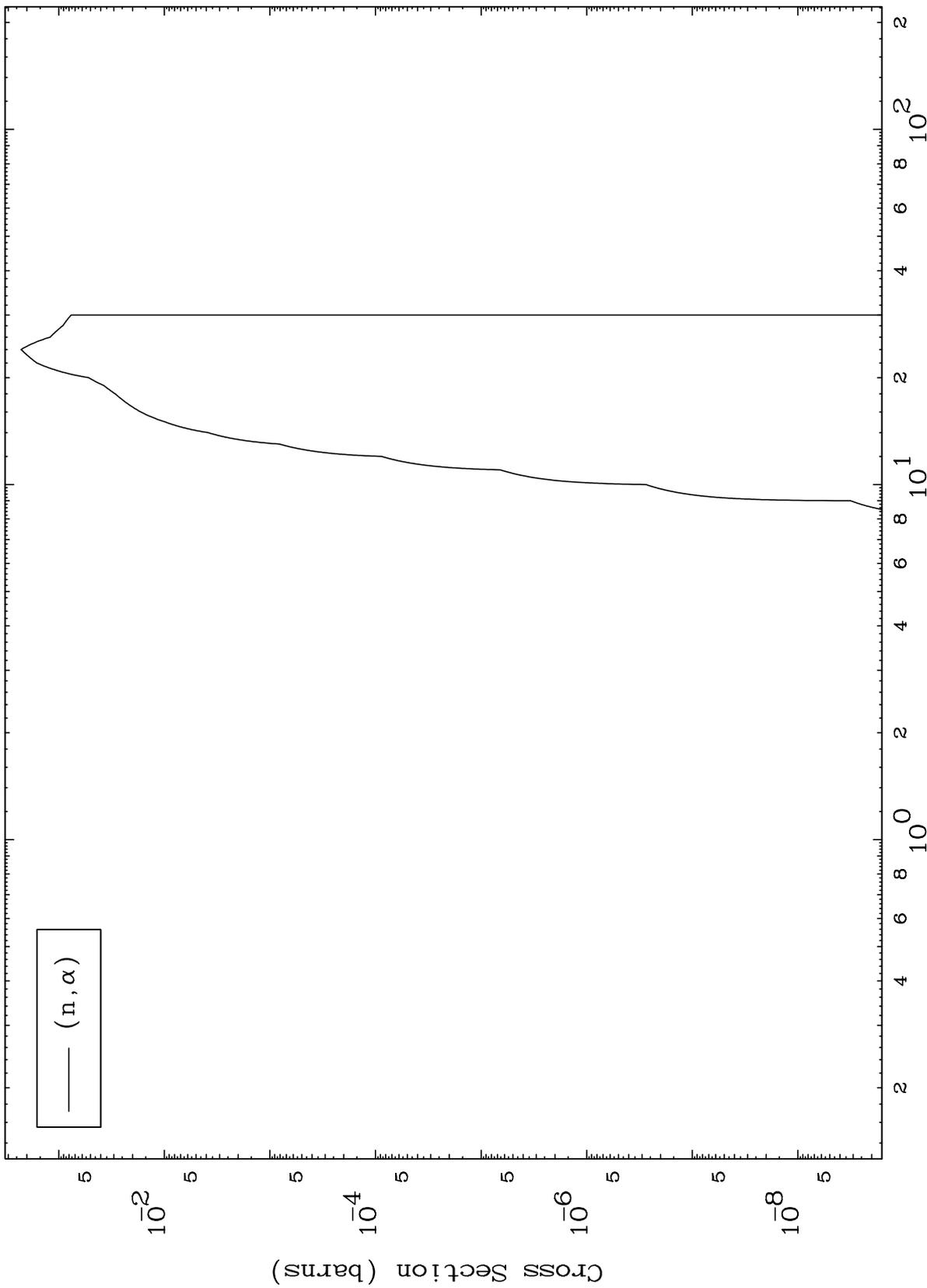
($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



MAT 4858

48-Cd-117

(α, α) Levels
0 Kelvin Cross Sections



48-Cd-117

Incident Energy (MeV)

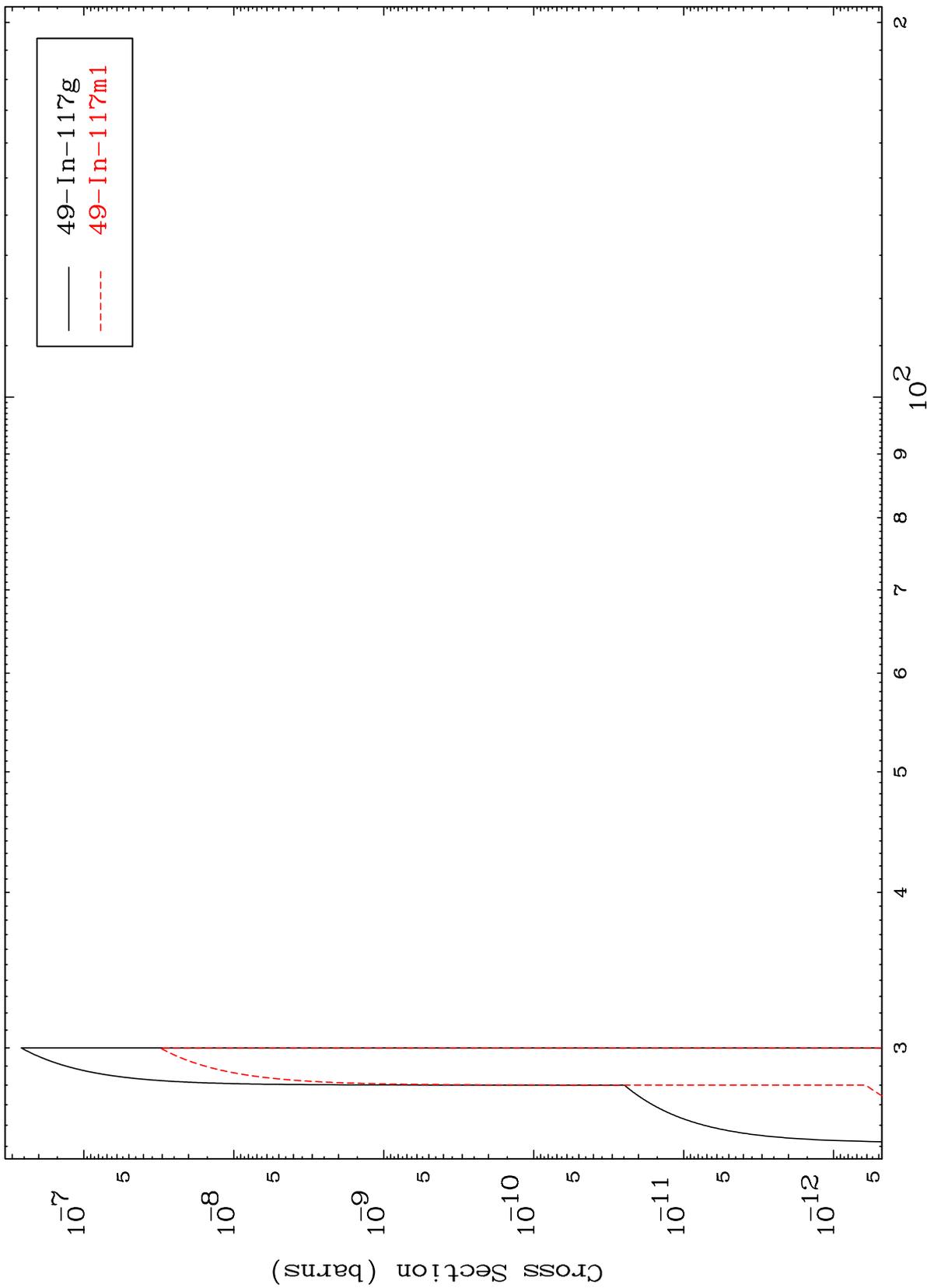
10

MAT 4858

(n,2n) d

48-Cd-117

Radionuclide Production Cross Section



11

Incident Energy (MeV)

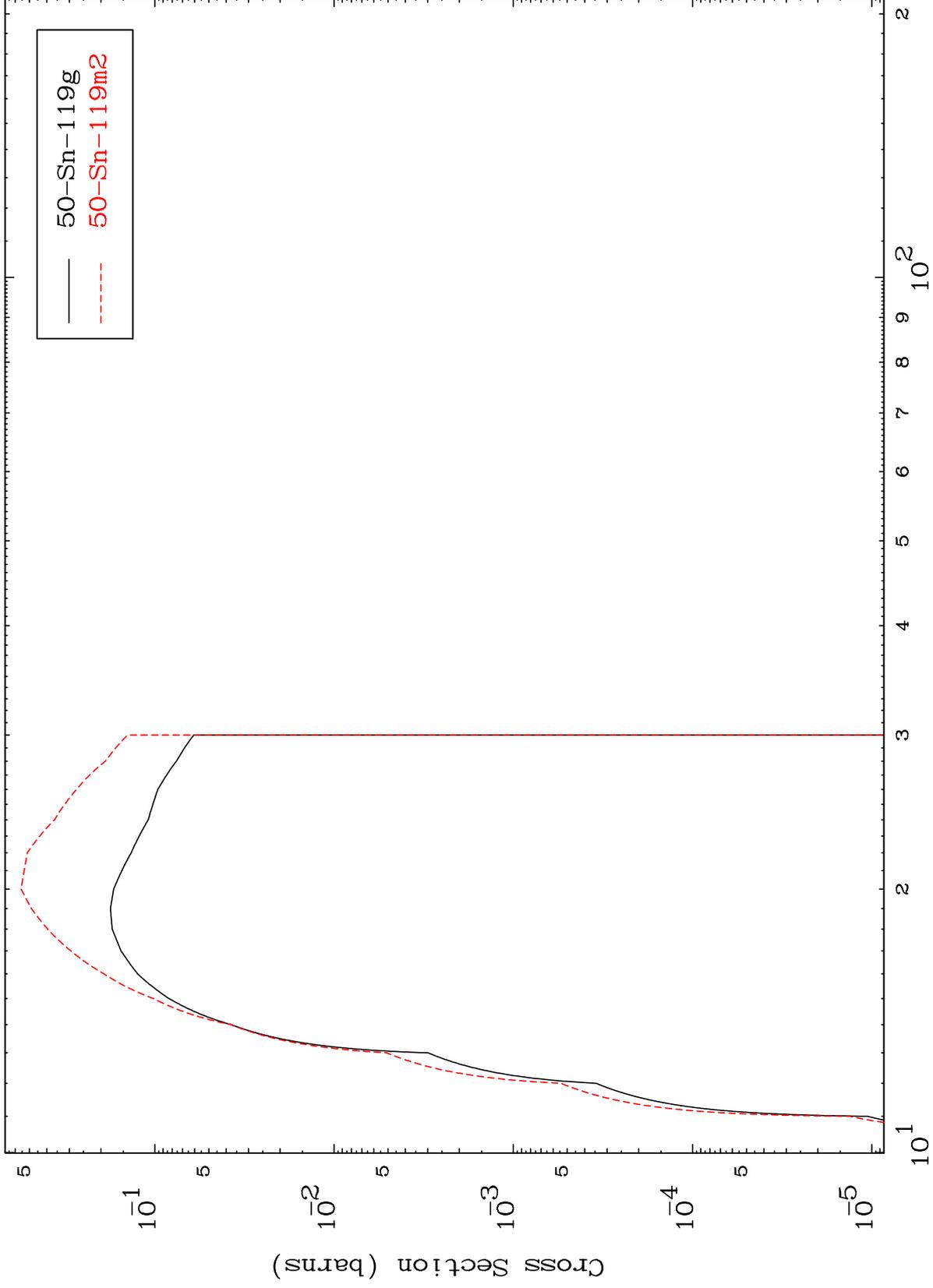
48-Cd-117

MAT 4858

(n,2n)

48-Cd-117

Radionuclide Production Cross Section



Incident Energy (MeV)

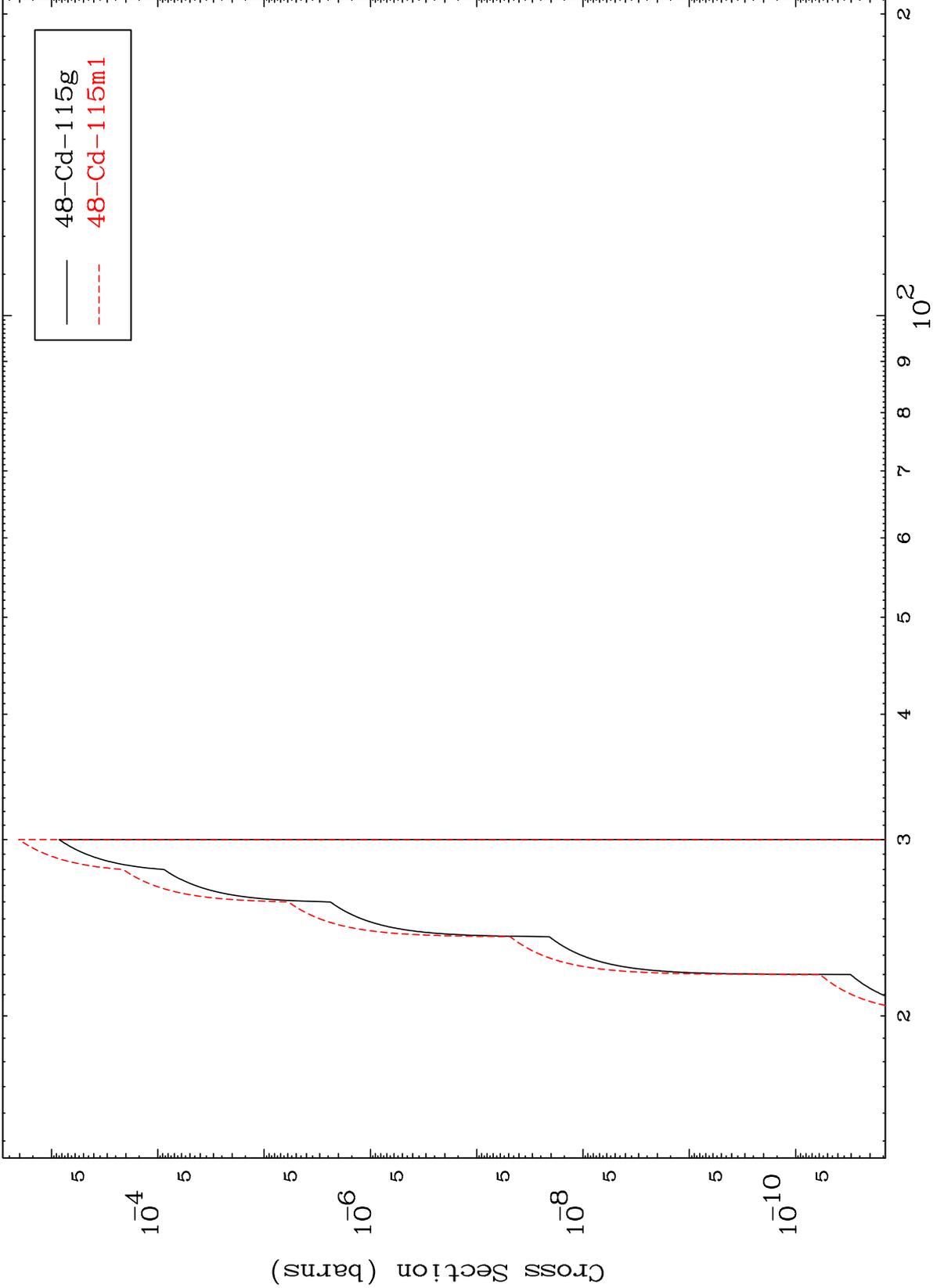
48-Cd-117

MAT 4858

(n,2n) α

48-Cd-117

Radionuclide Production Cross Section



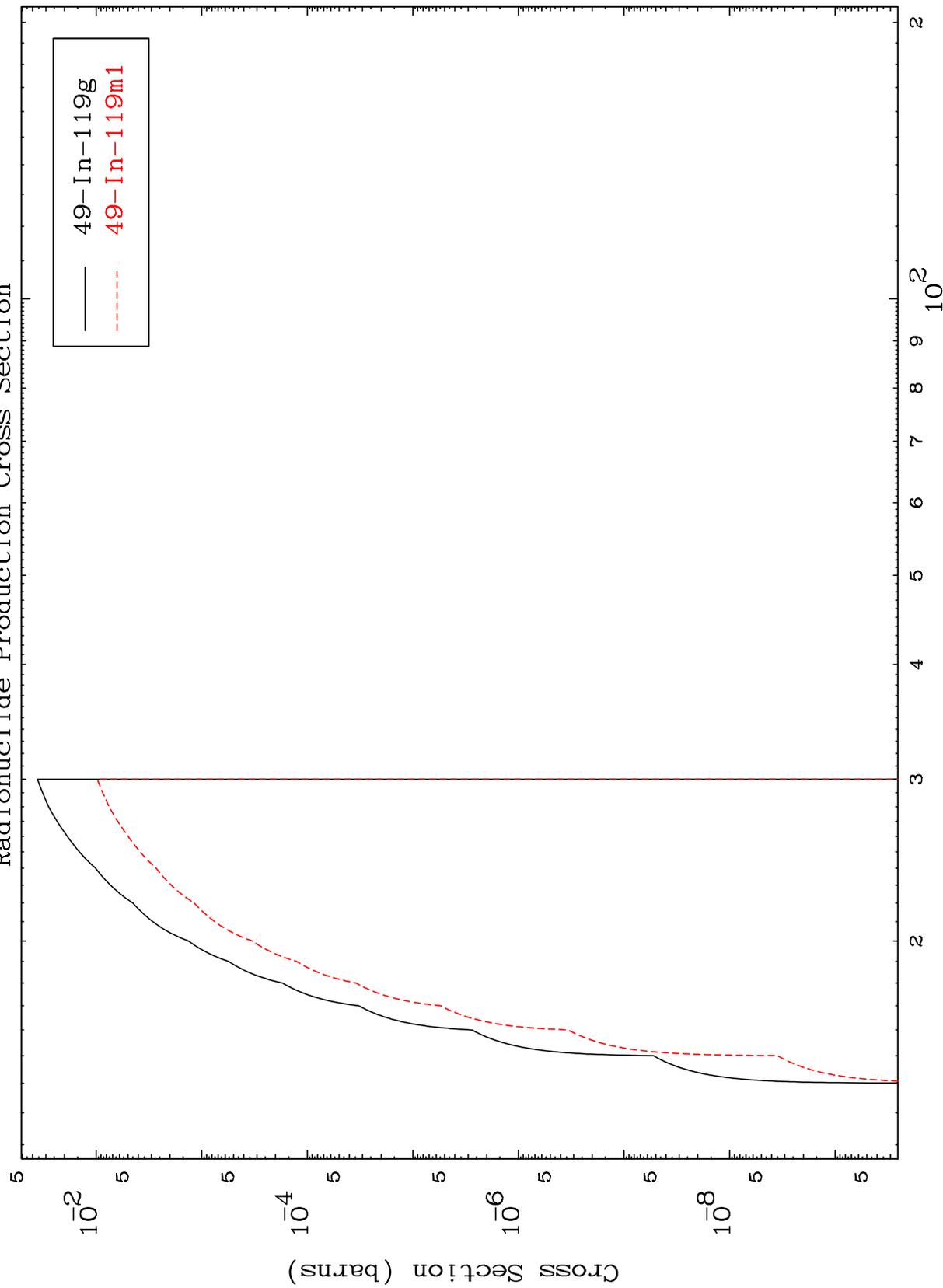
48-Cd-115g
48-Cd-115m1

MAT 4858

(n,n') p

48-Cd-117

Radionuclide Production Cross Section



14

Incident Energy (MeV)

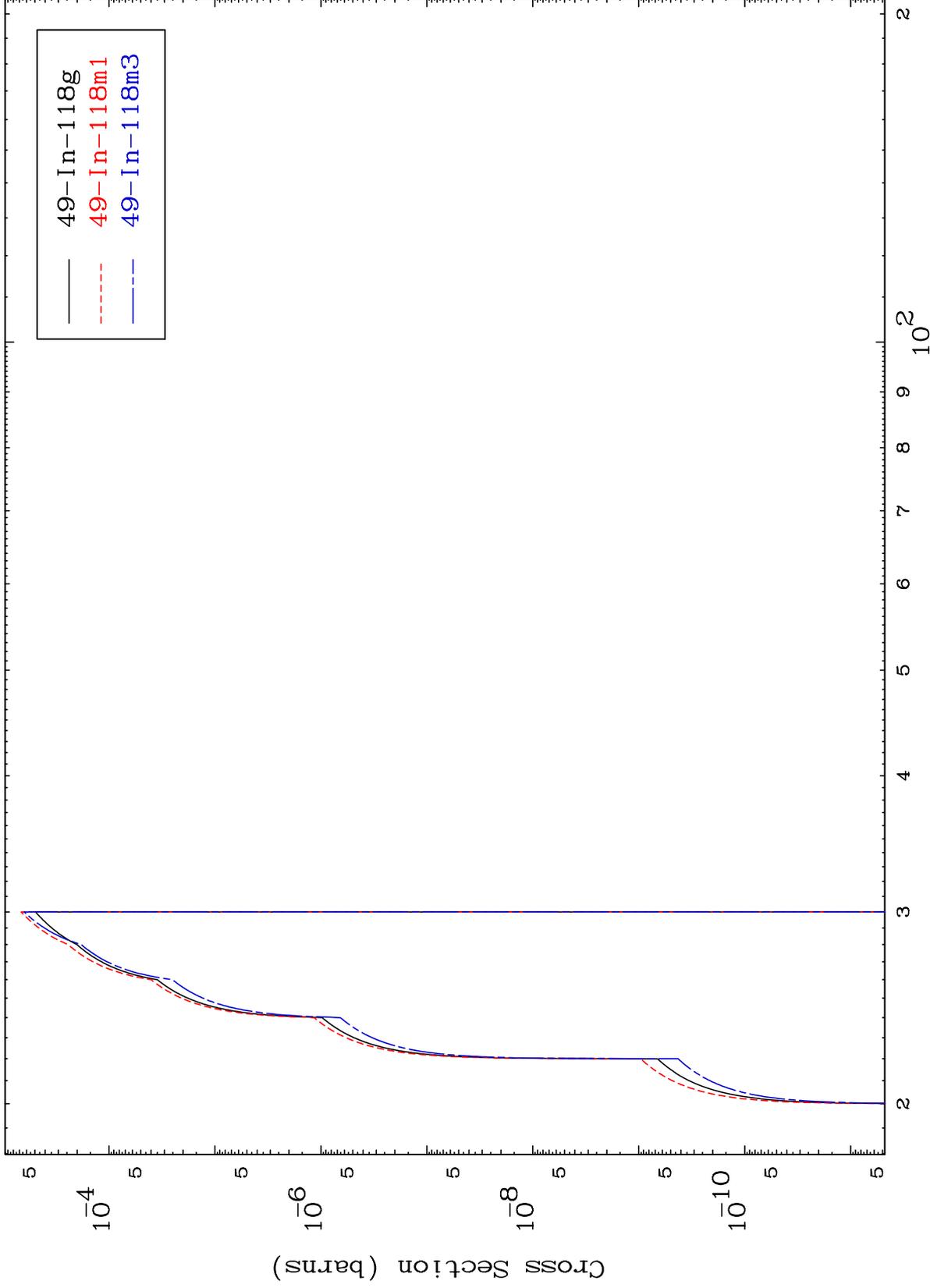
48-Cd-117

MAT 4858

(n,n') d

48-Cd-117

Radionuclide Production Cross Section



15

Incident Energy (MeV)

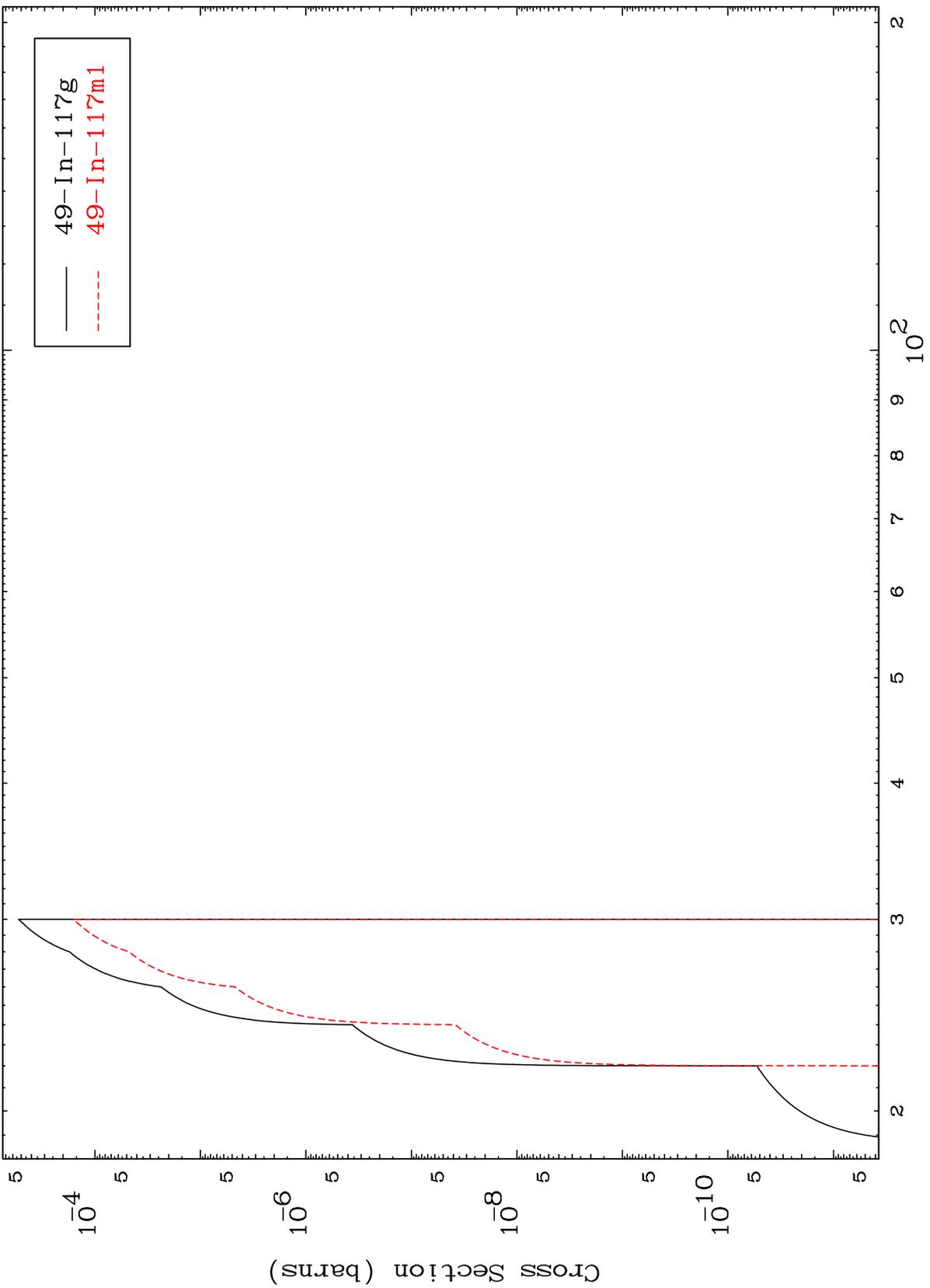
48-Cd-117

MAT 4858

(n,n') t

48-Cd-117

Radionuclide Production Cross Section



16

Incident Energy (MeV)

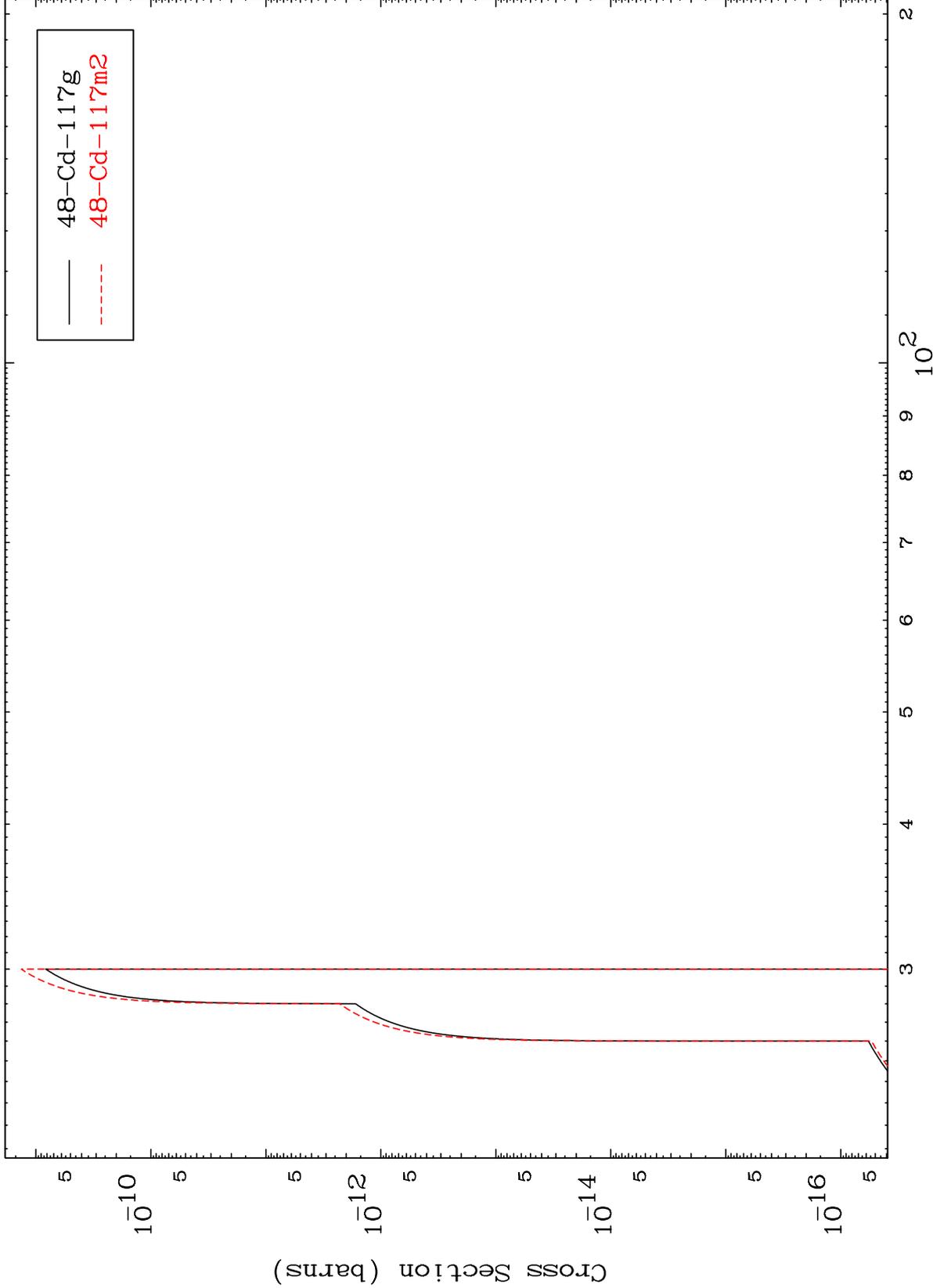
48-Cd-117

MAT 4858

(n,n') He-3

48-Cd-117

Radionuclide Production Cross Section



17

Incident Energy (MeV)

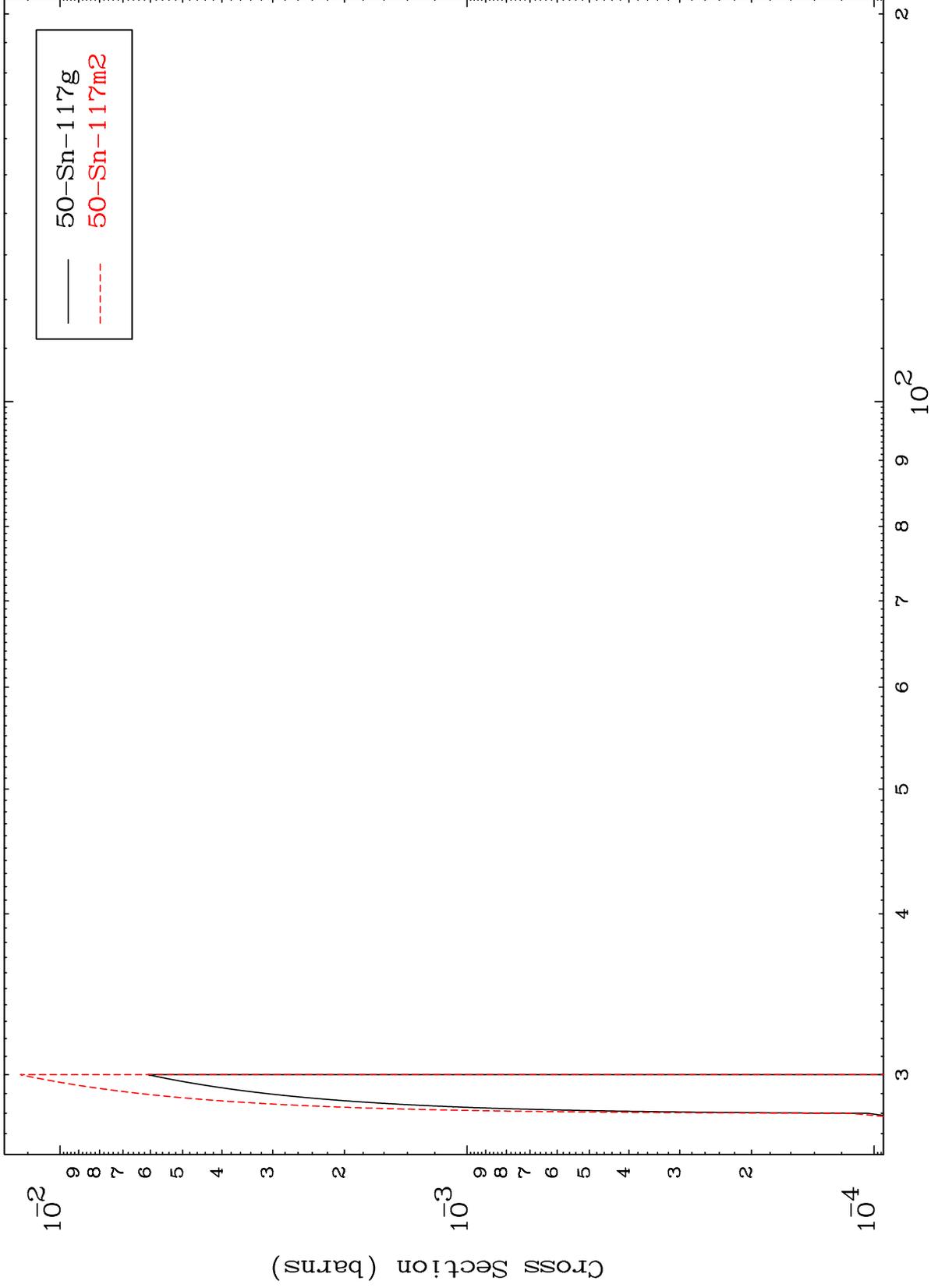
48-Cd-117

MAT 4858

(n,4n)

48-Cd-117

Radionuclide Production Cross Section



18

Incident Energy (MeV)

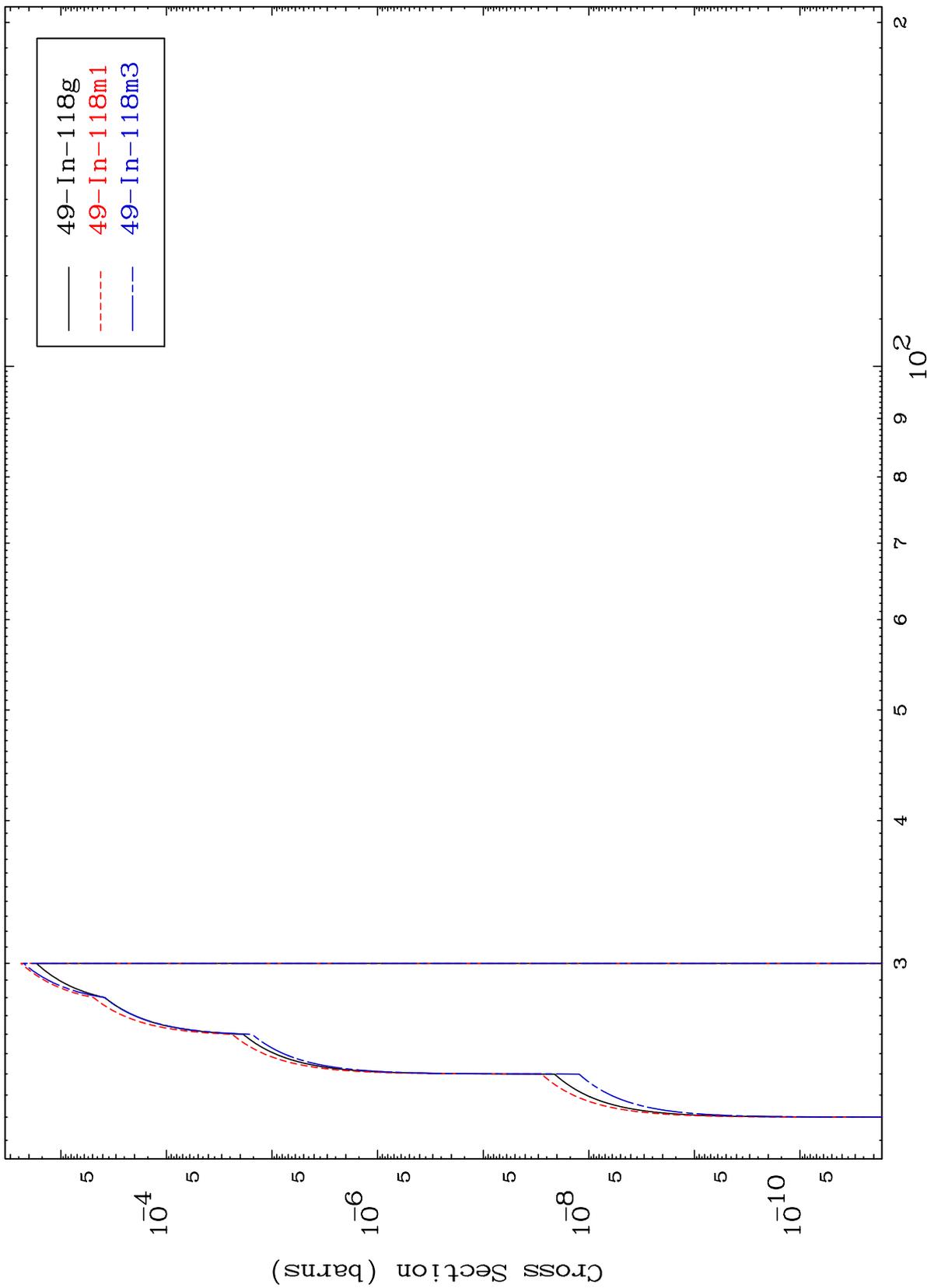
48-Cd-117

MAT 4858

(n,2n) p

48-Cd-117

Radionuclide Production Cross Section



19

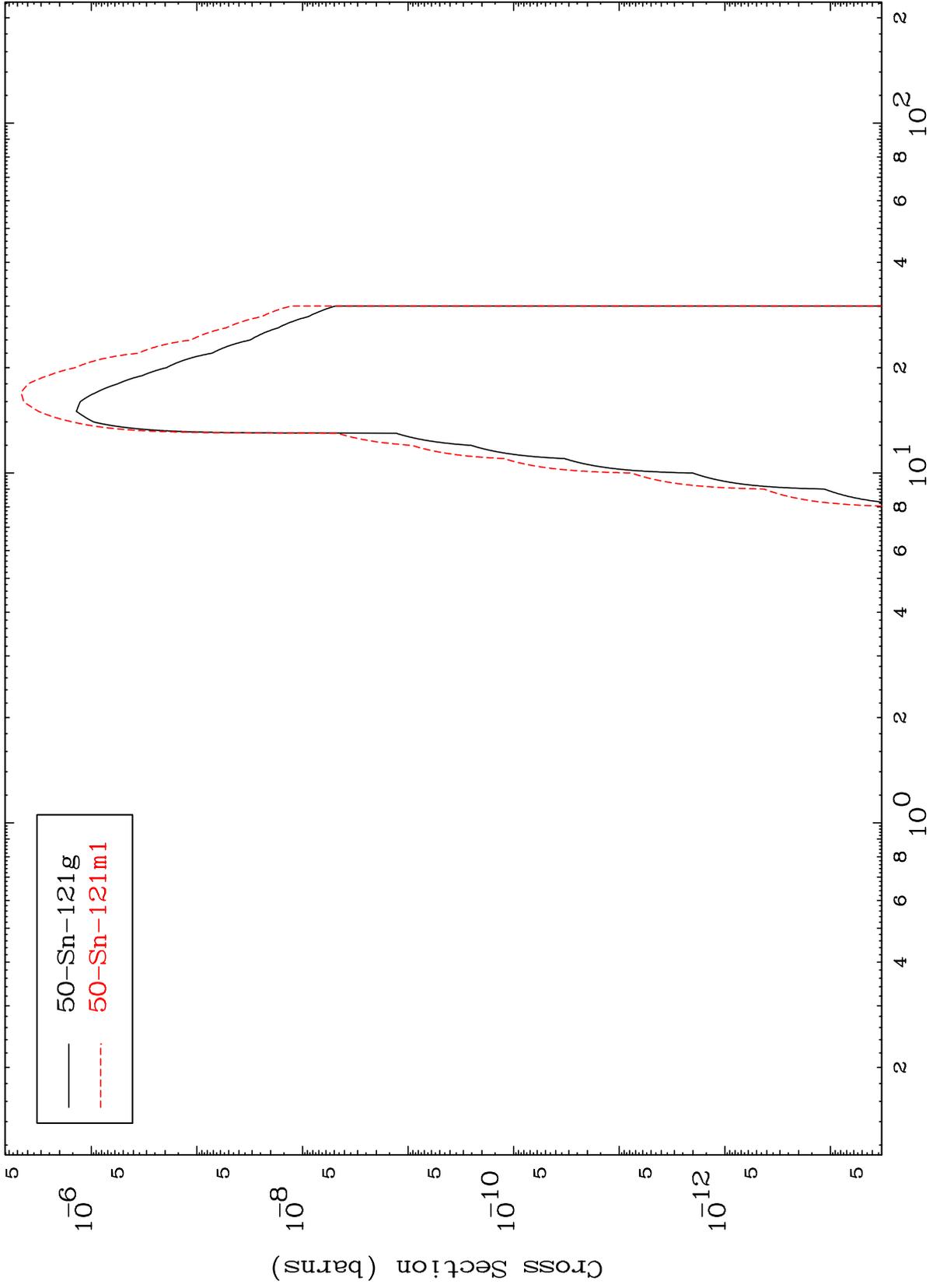
Incident Energy (MeV)

48-Cd-117

MAT 4858

48-Cd-117

(n, γ)
Radionuclide Production Cross Section

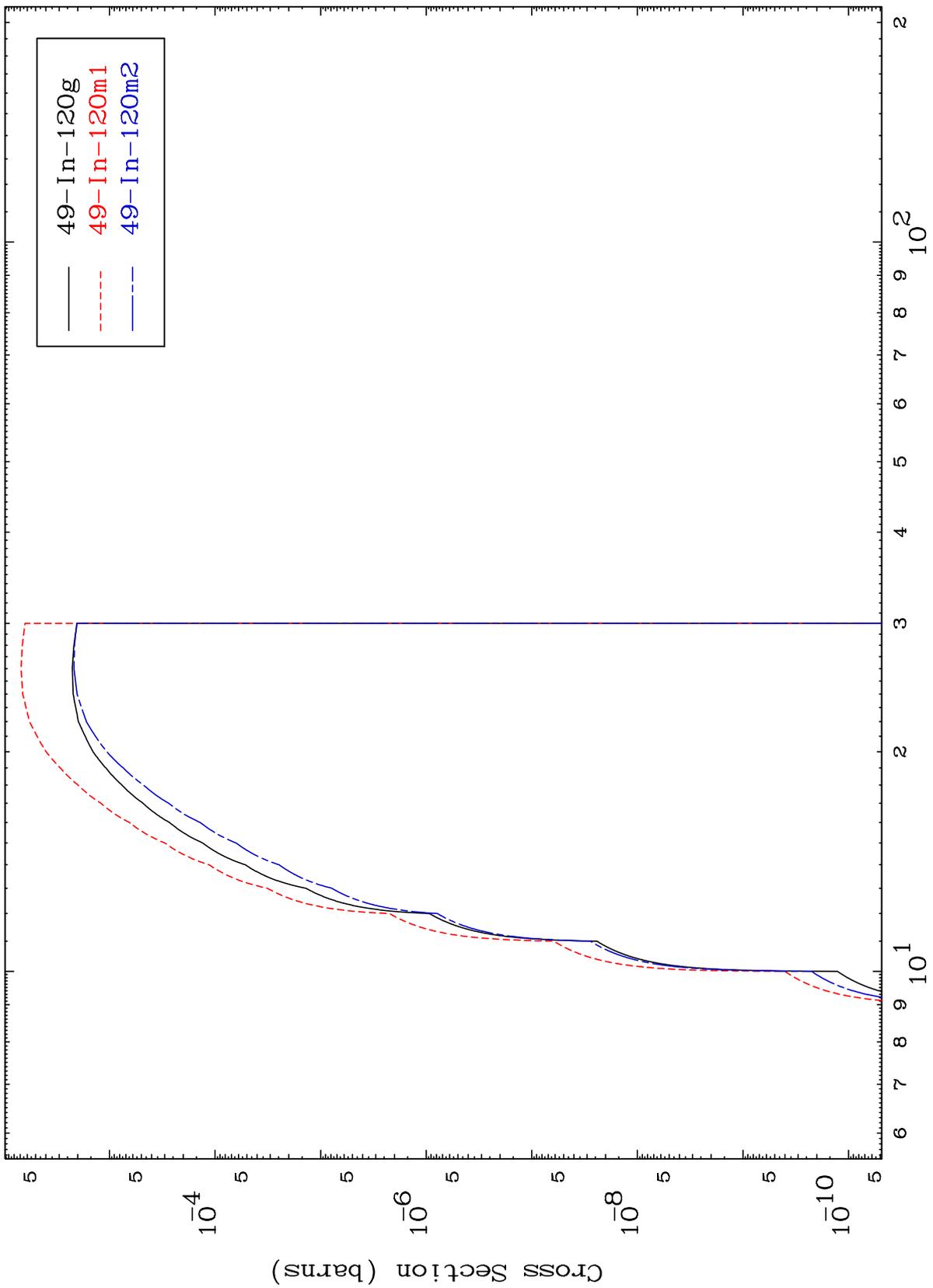


20

Incident Energy (MeV)

48-Cd-117

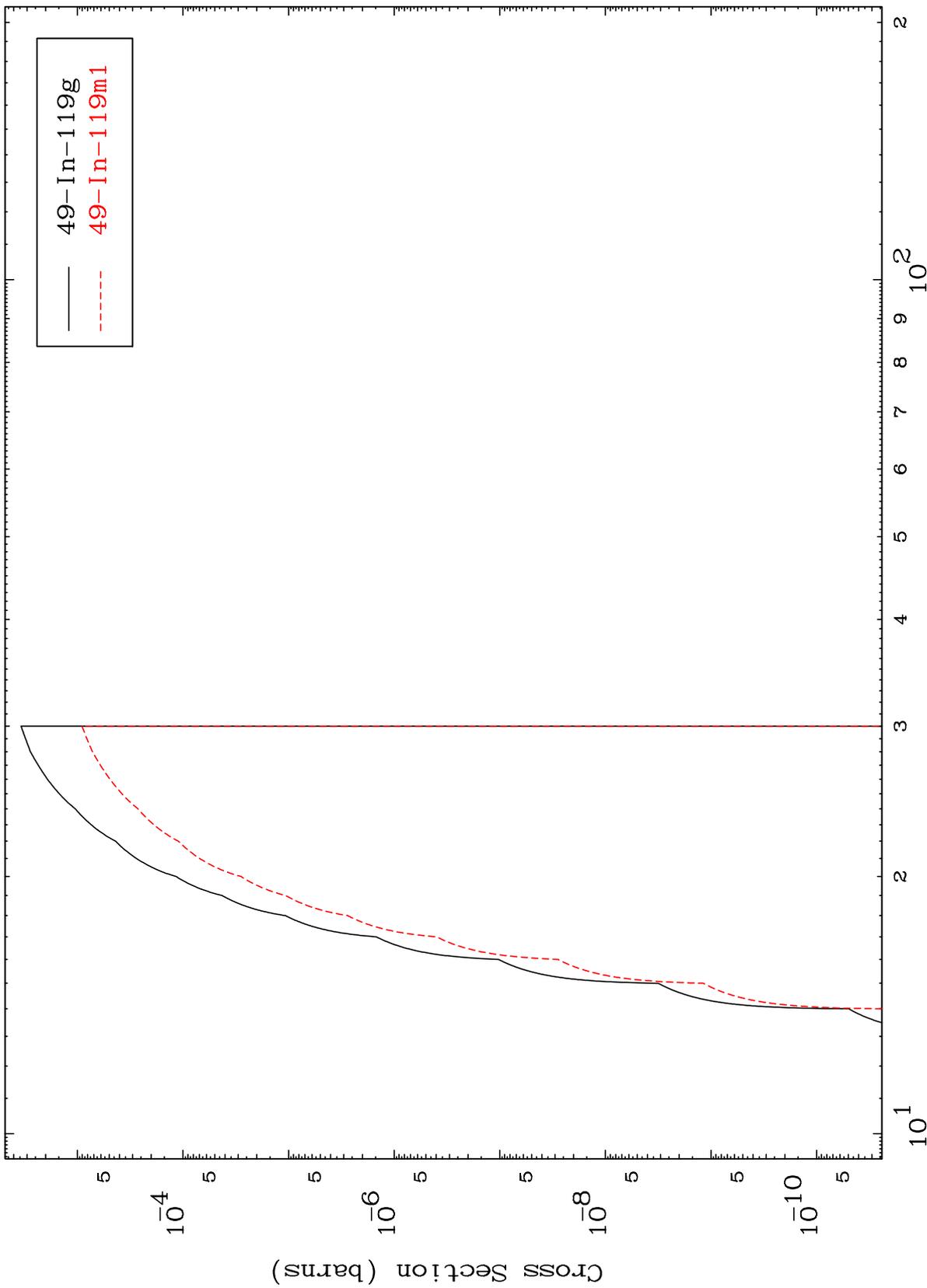
(n,p)
Radionuclide Production Cross Section



MAT 4858

48-Cd-117

(n,d)
Radionuclide Production Cross Section

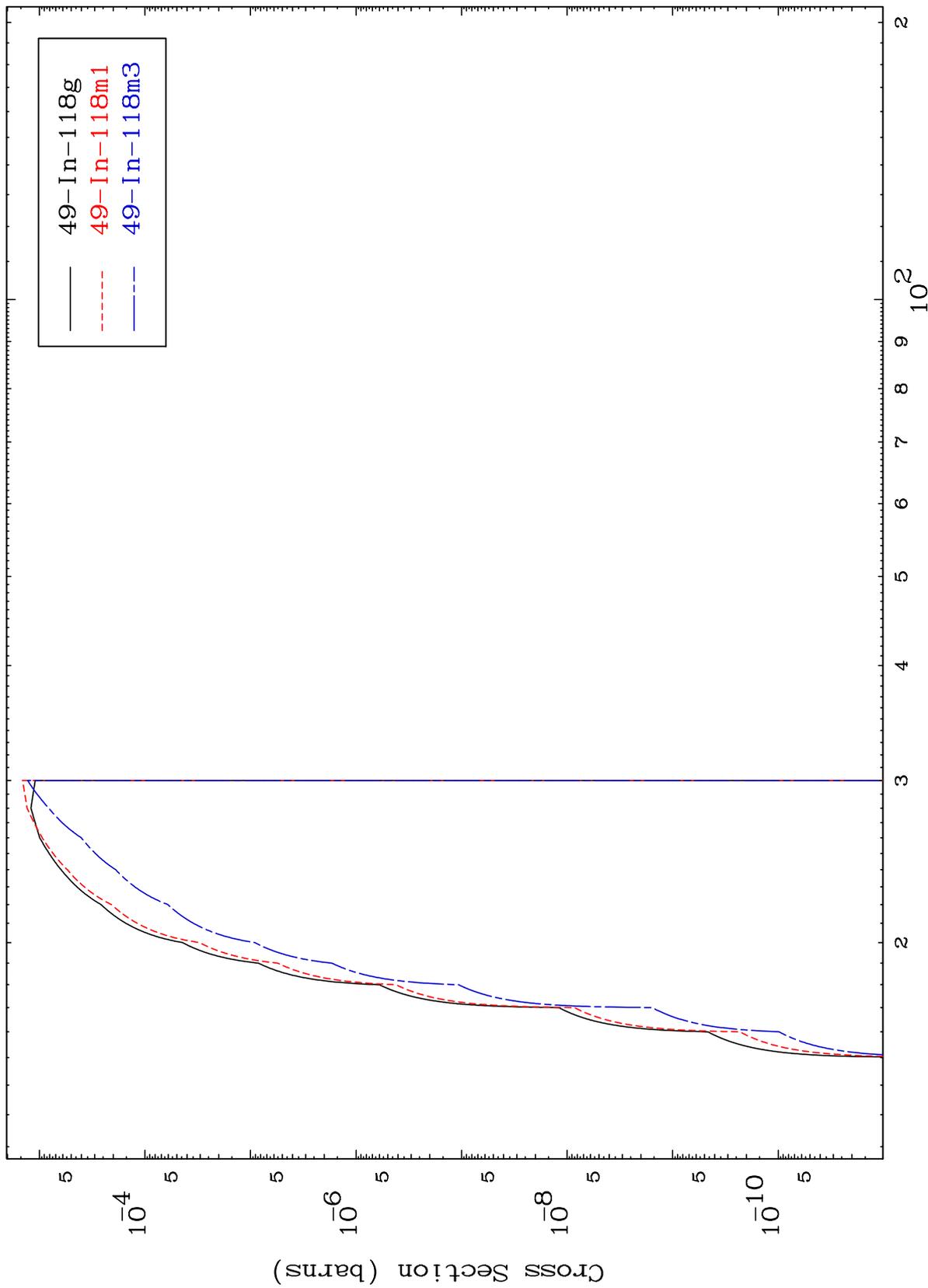


48-Cd-117

Incident Energy (MeV)

22

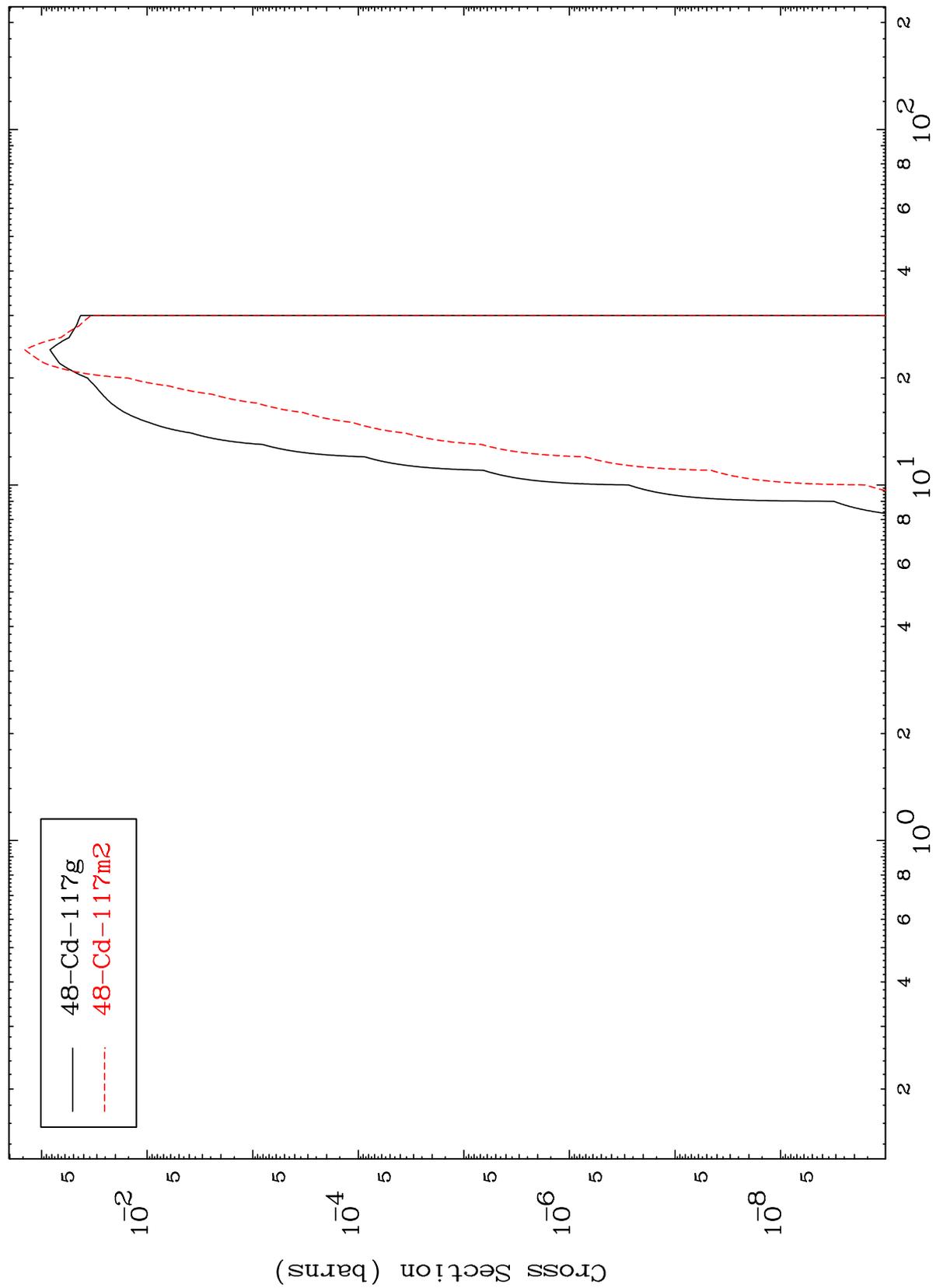
Radionuclide Production Cross Section



MAT 4858

48-Cd-117

(n, α)
Radionuclide Production Cross Section

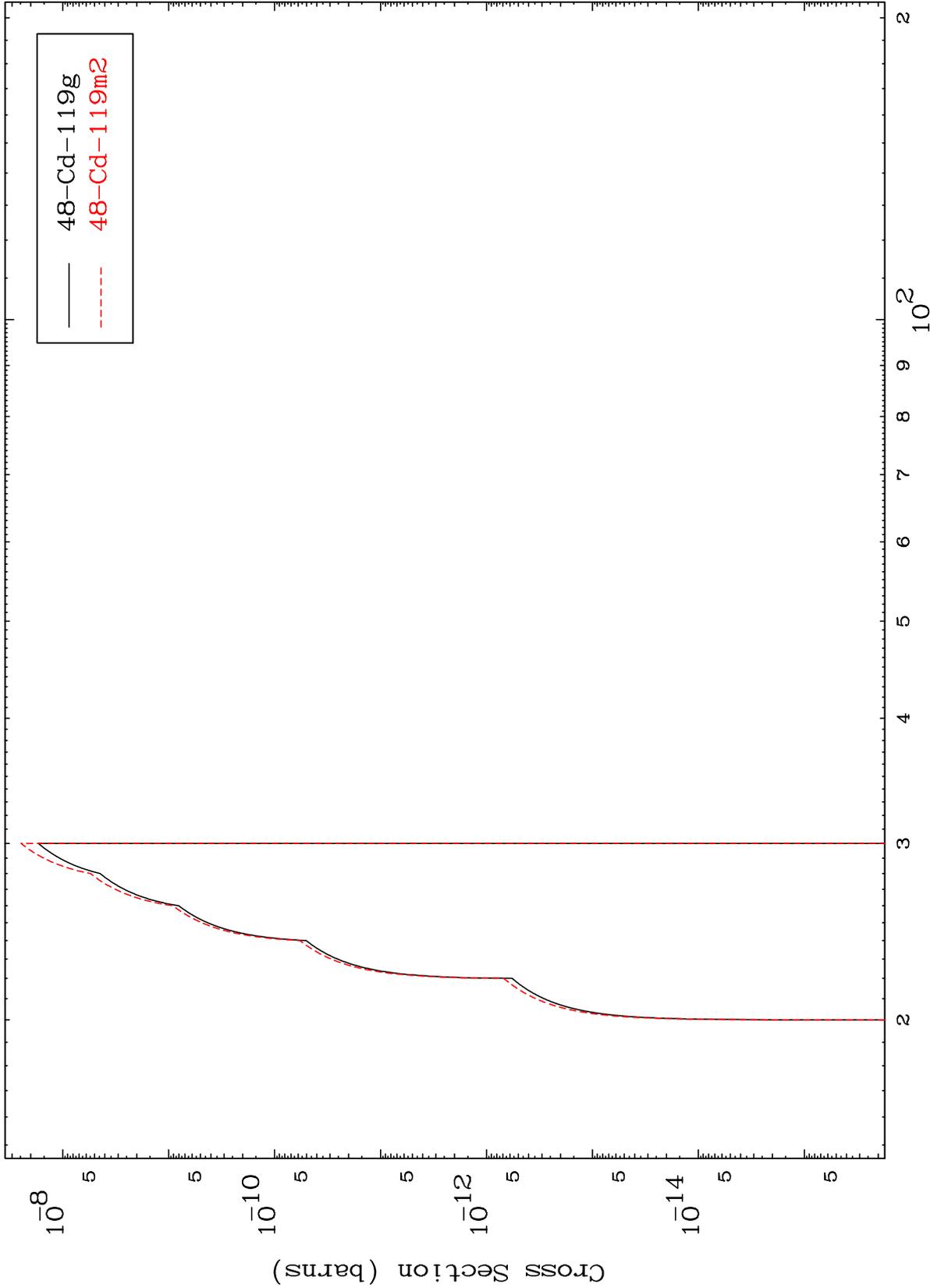


— 48-Cd-117g
- - - 48-Cd-117m2

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48-Cd-117

(n,2p)
Radionuclide Production Cross Section



25

48-Cd-117

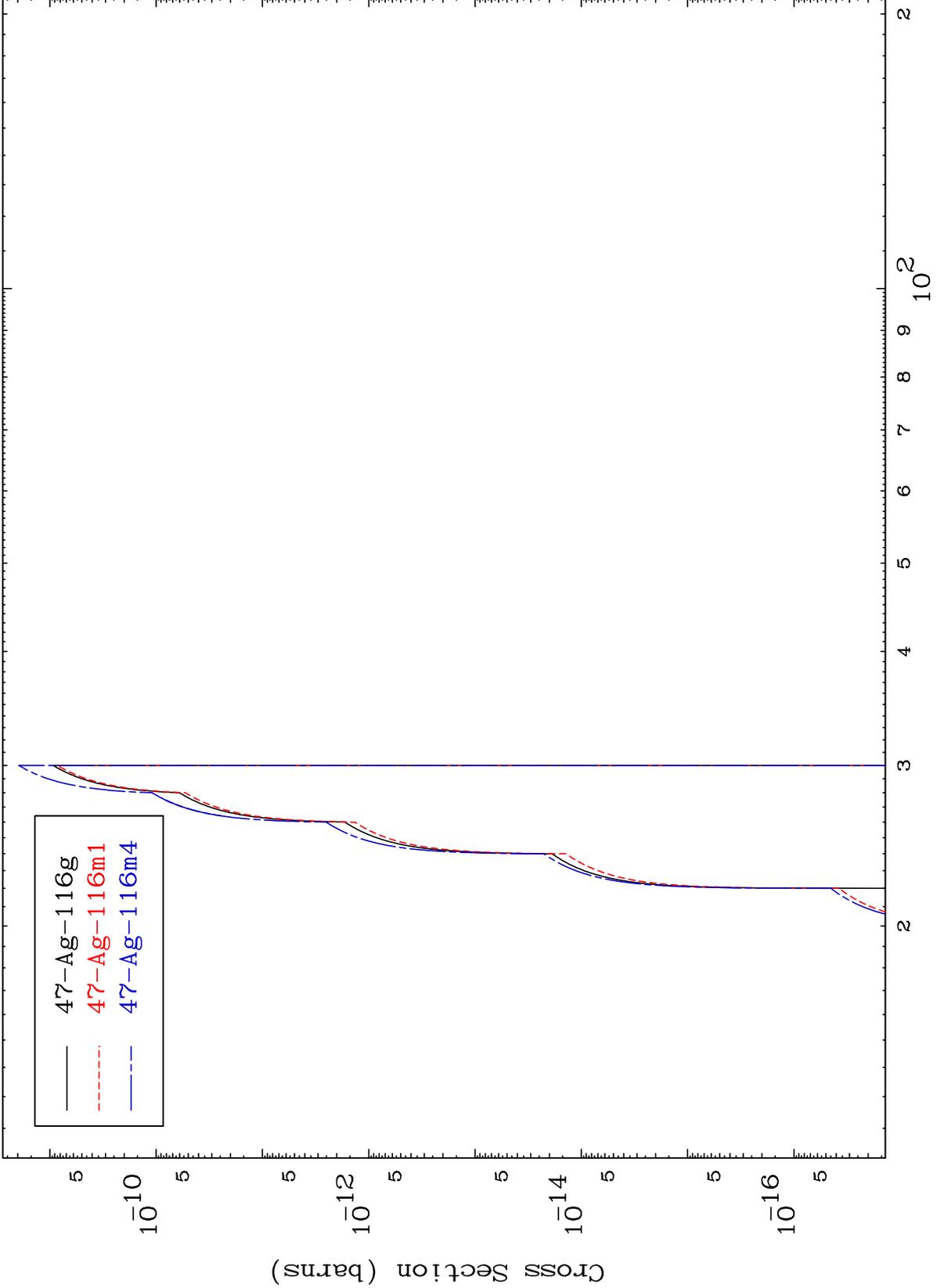
Incident Energy (MeV)

MAT 4858

(n,p) α

48-Cd-117

Radionuclide Production Cross Section



26

Incident Energy (MeV)

48-Cd-117