

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

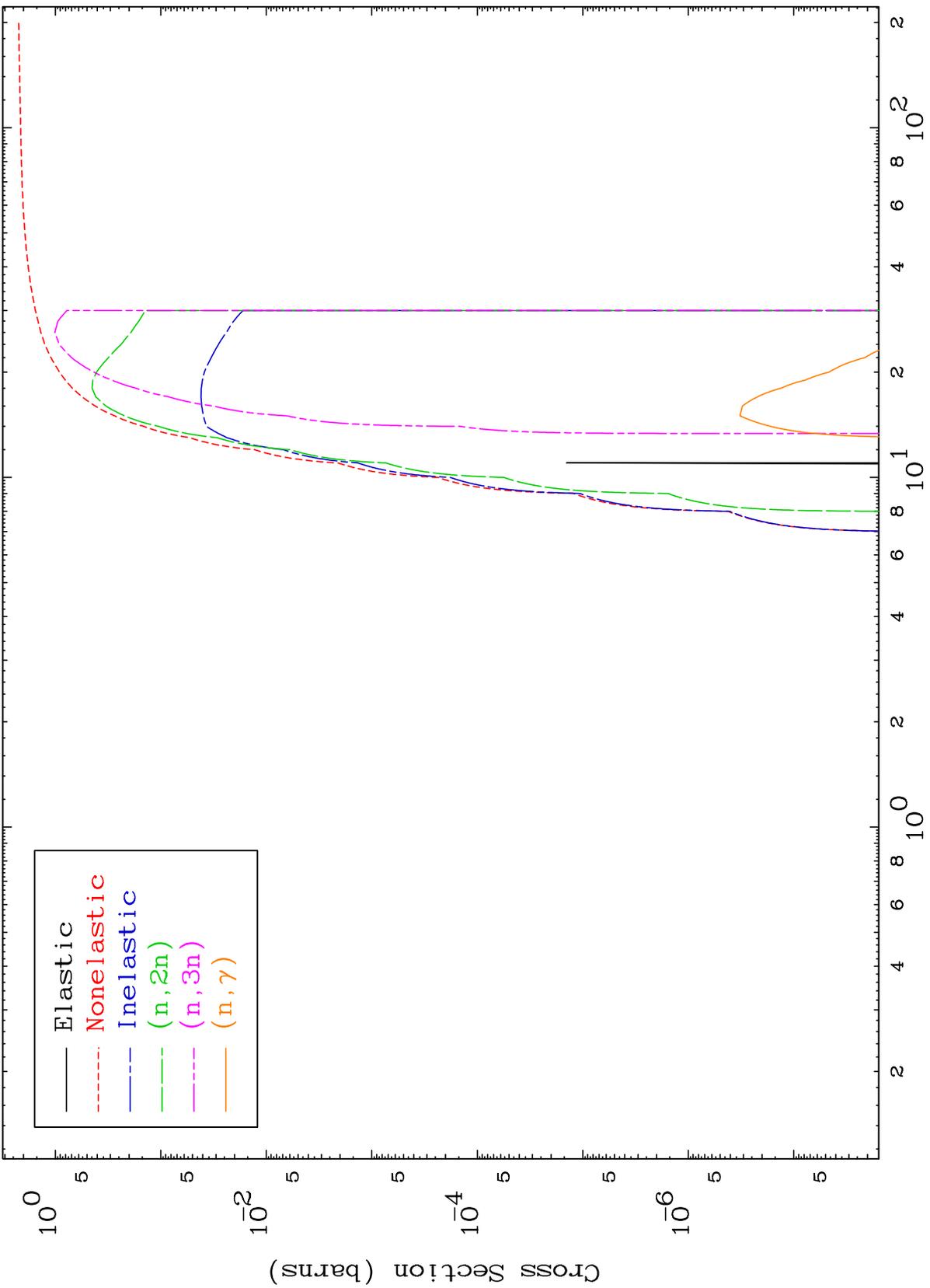
Press Mouse Button to Start

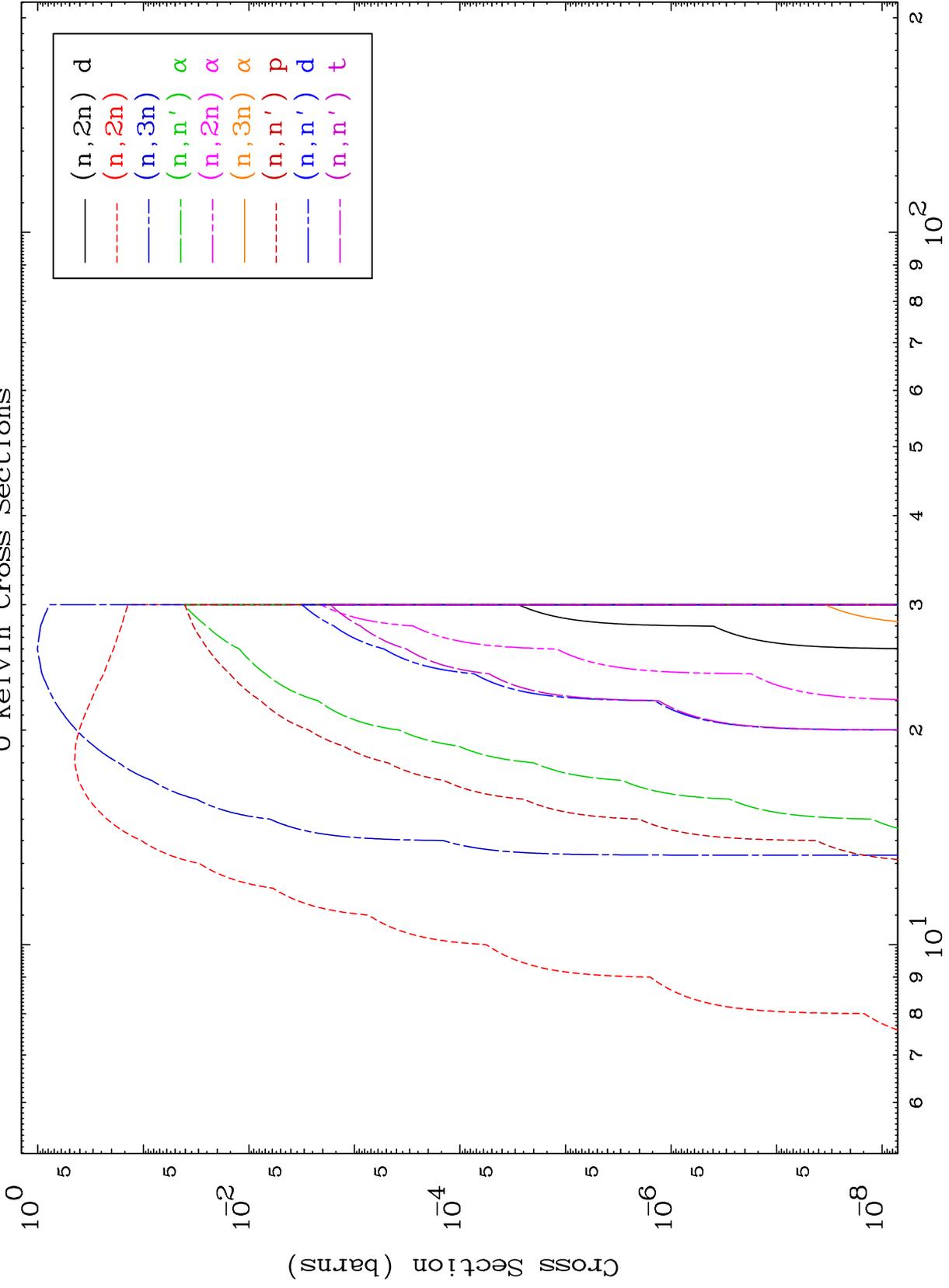
MAT 4870

α Major

48-Cd-121

0 Kelvin Cross Sections

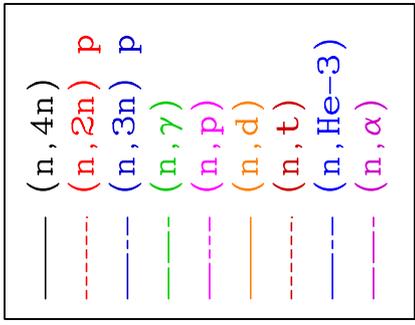
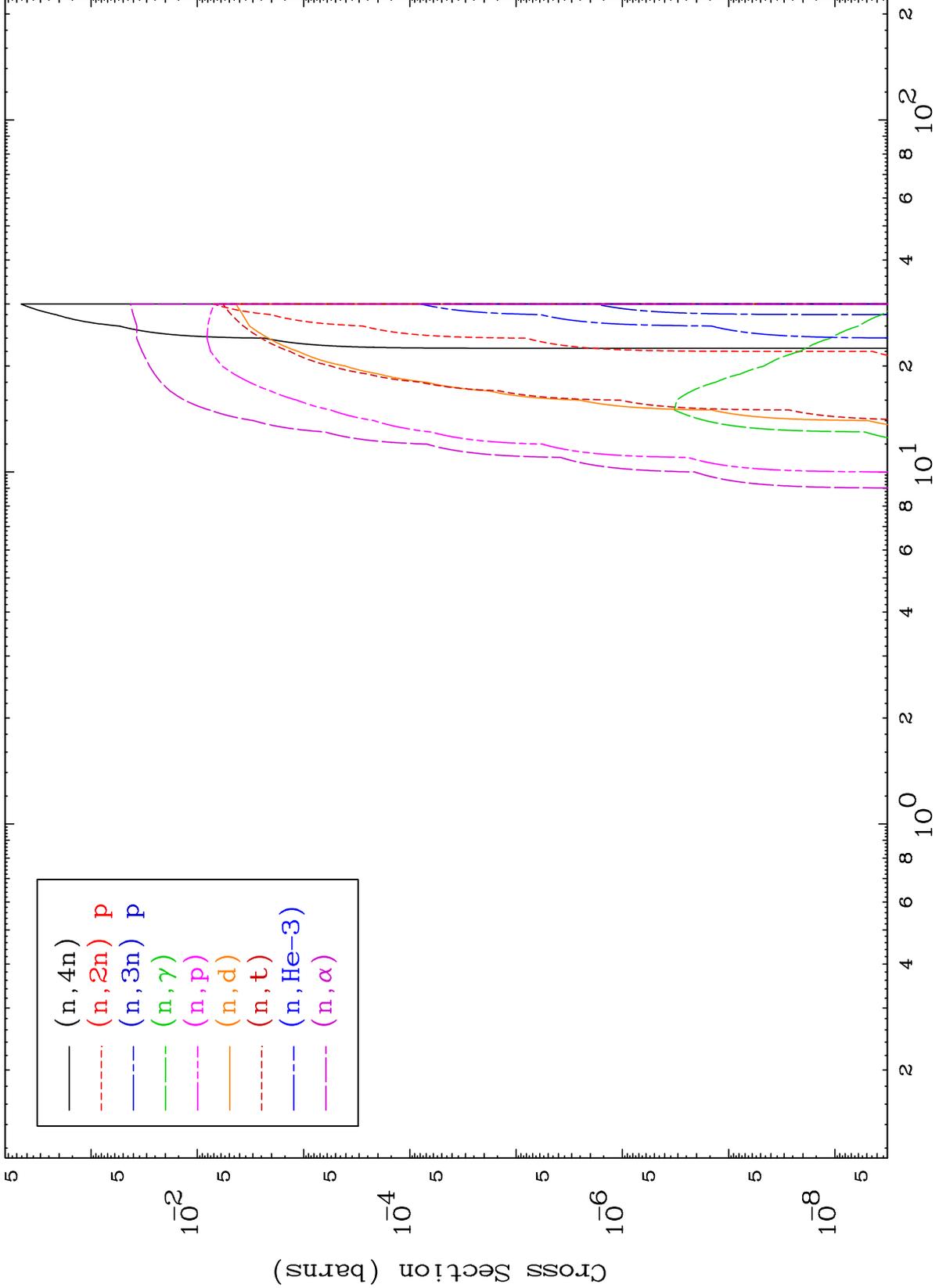




MAT 4870

α Neutron Absorption
0 Kelvin Cross Sections

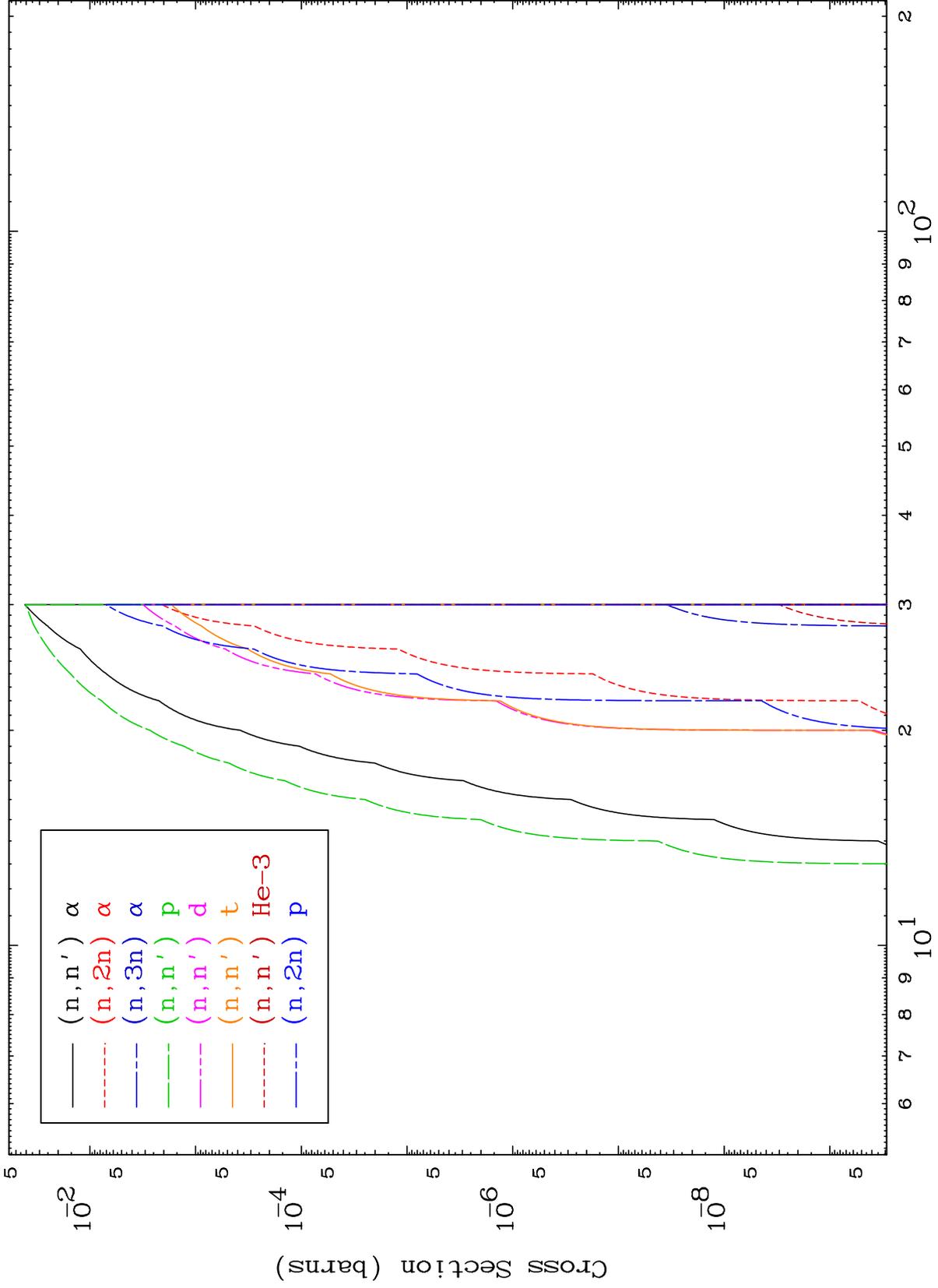
48-Cd-121



MAT 4870

α Charged Particle
0 Kelvin Cross Sections

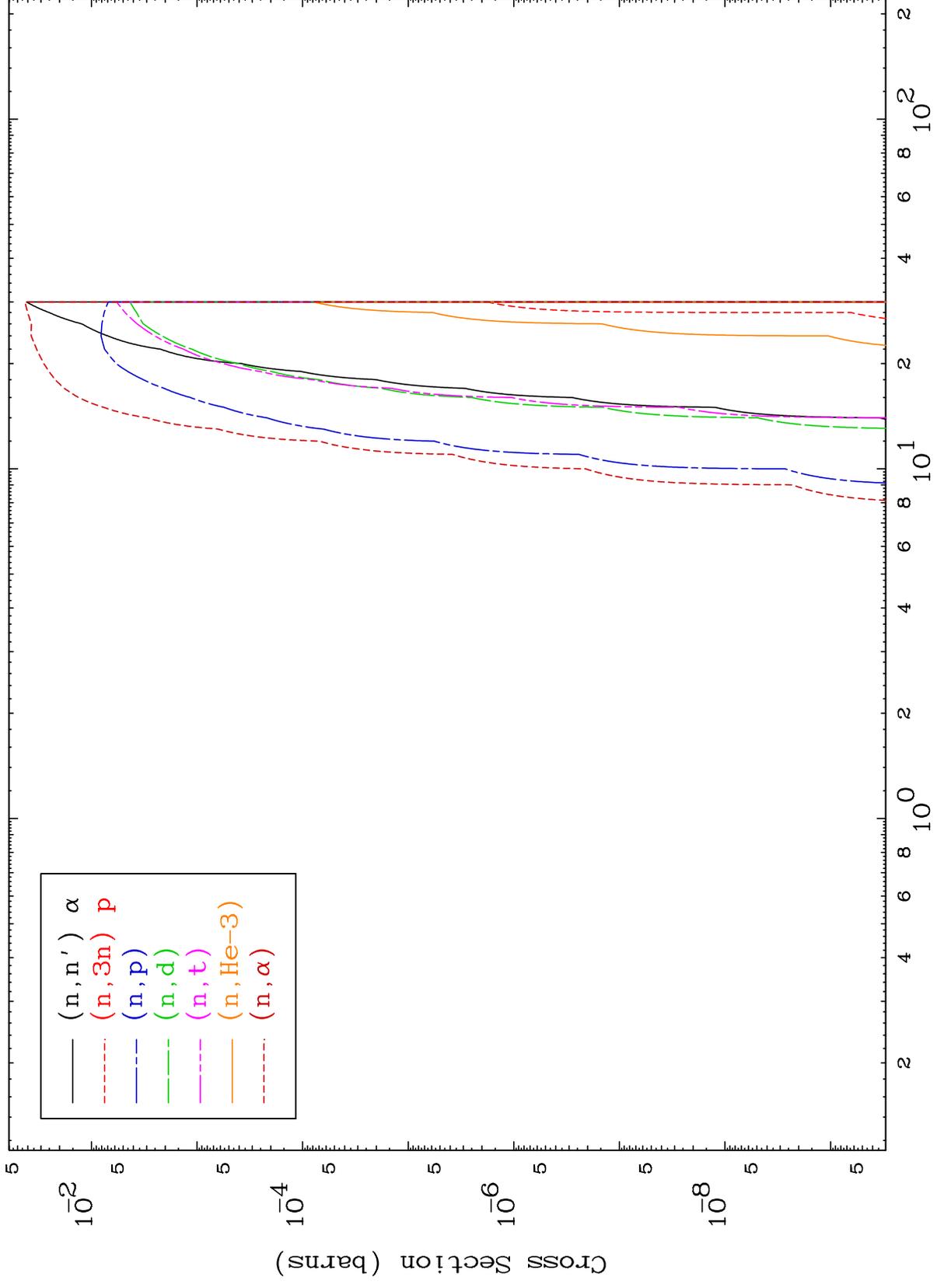
48-Cd-121



MAT 4870

α Charged Particle
0 Kelvin Cross Sections

48-Cd-121



5

Incident Energy (MeV)

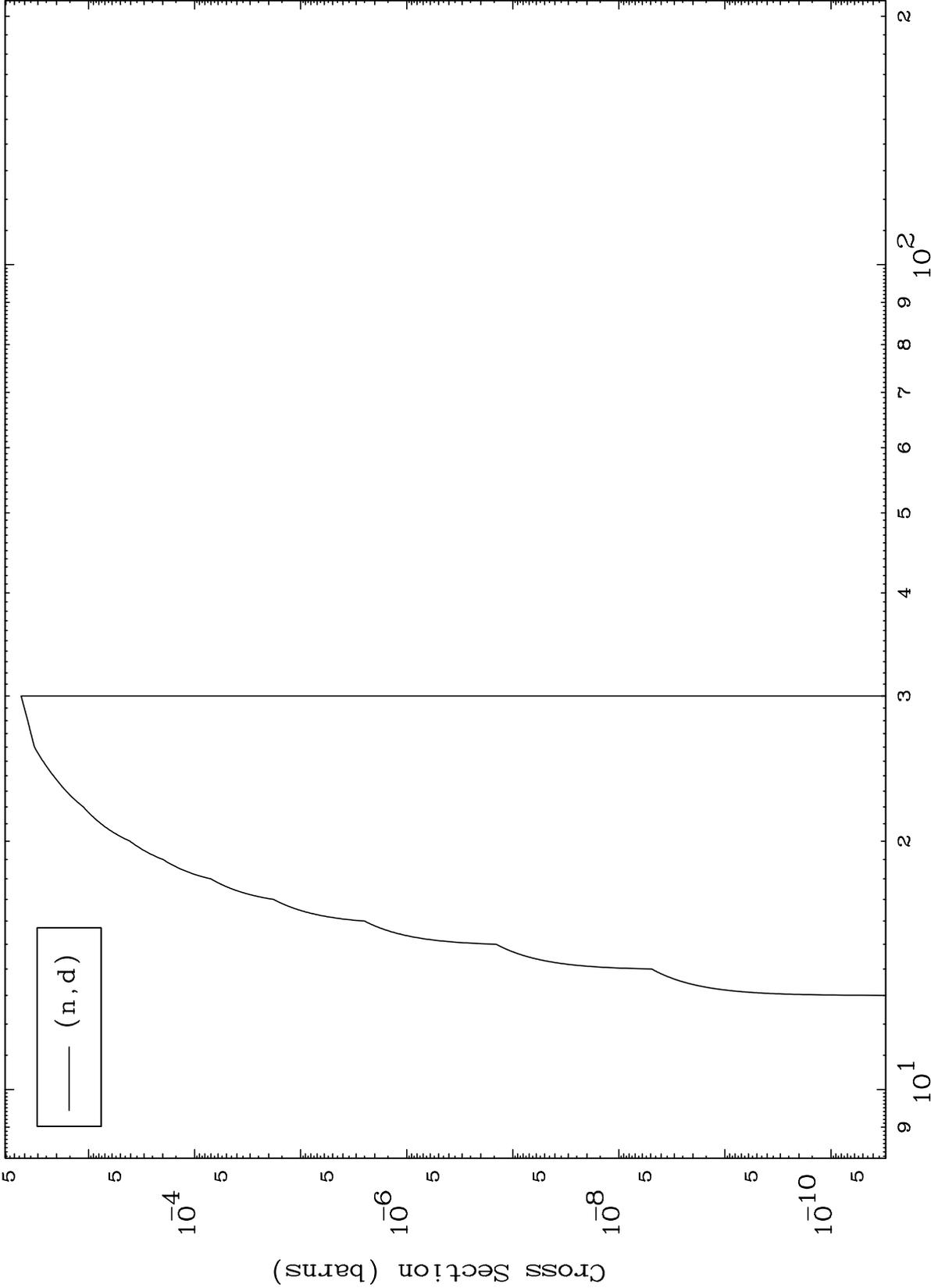
48-Cd-121

MAT 4870

(α, d) Levels

48-Cd-121

0 Kelvin Cross Sections



Incident Energy (MeV)

48-Cd-121

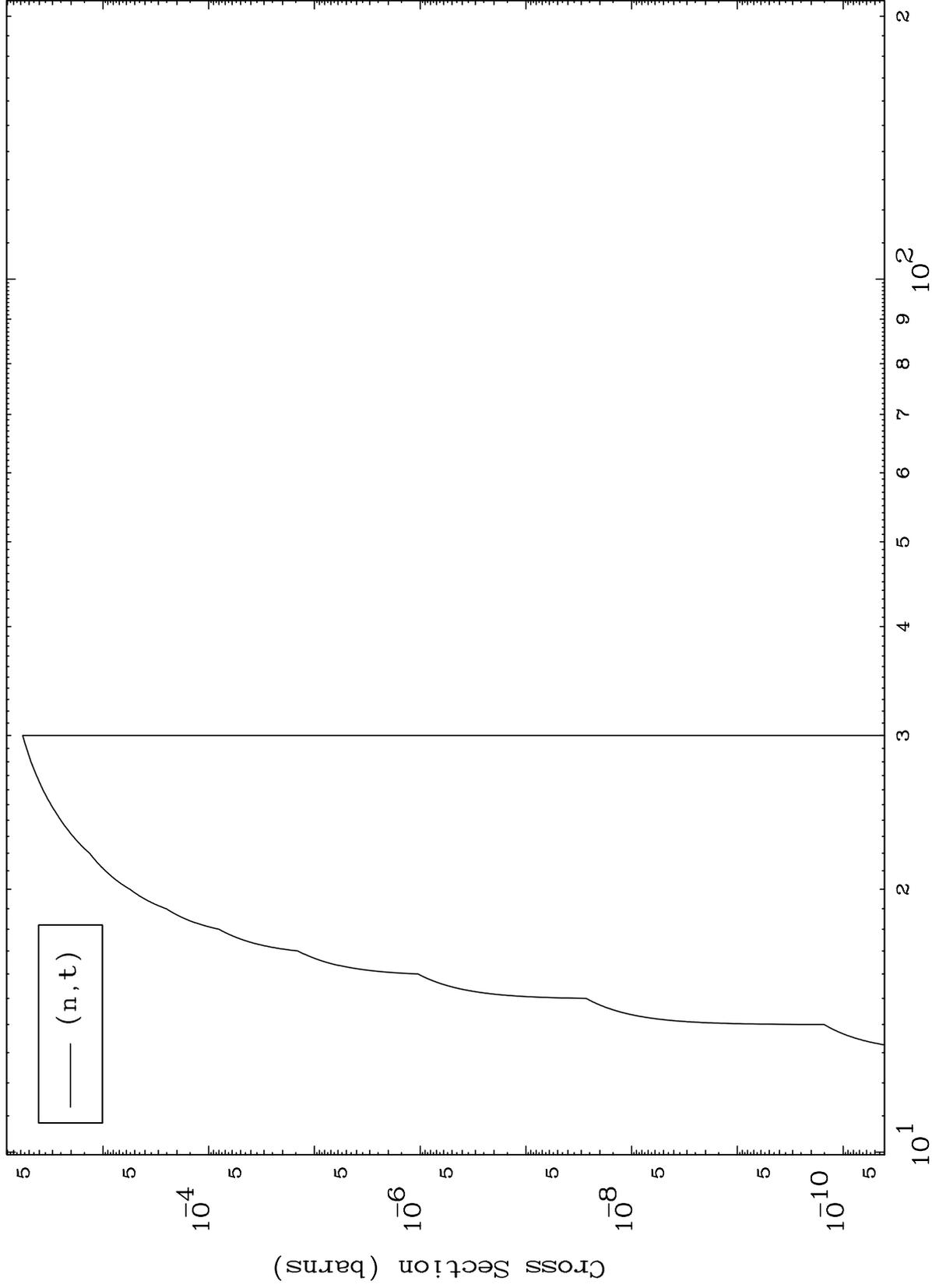
7

MAT 4870

(α, t) Levels

48-Cd-121

0 Kelvin Cross Sections



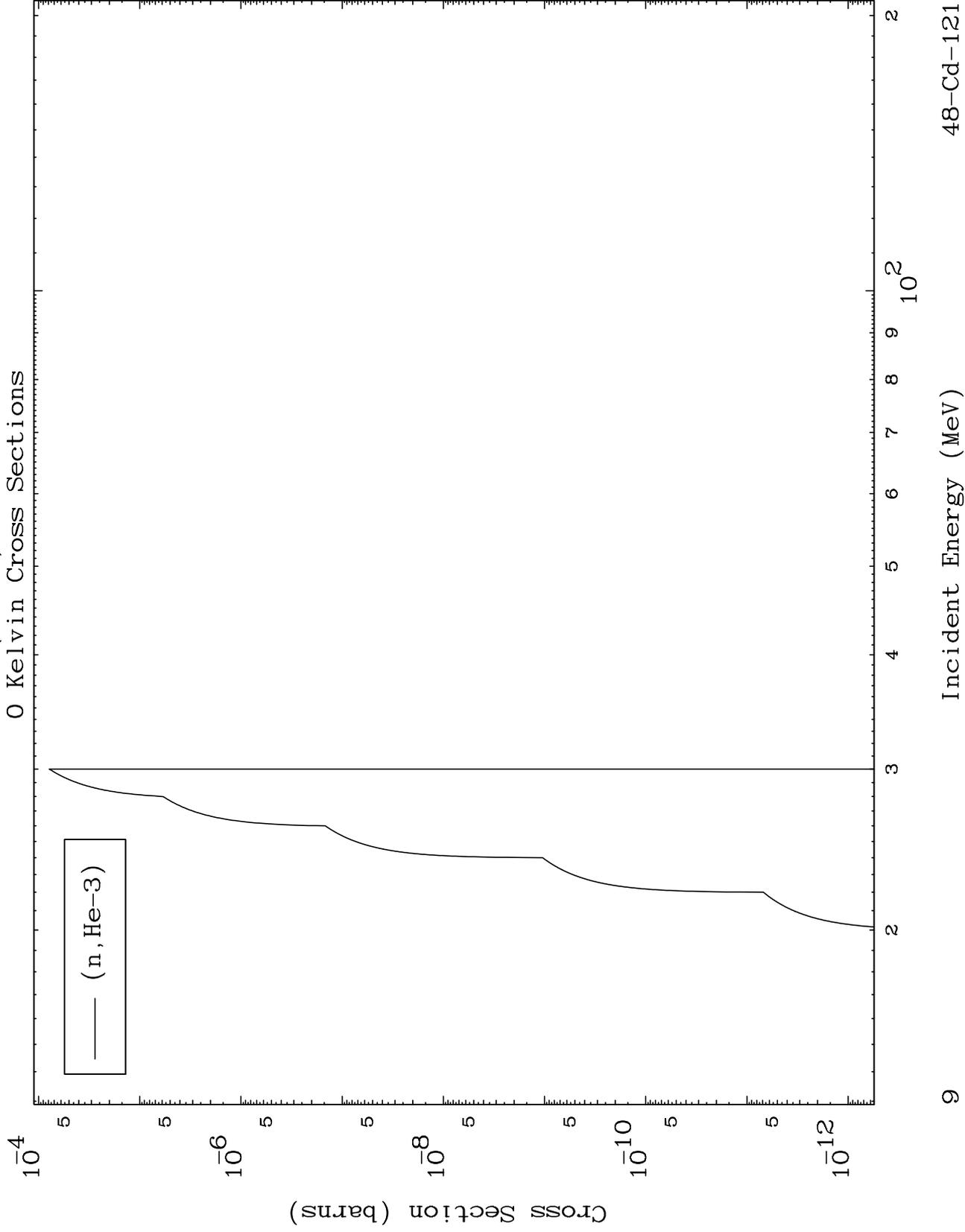
Incident Energy (MeV)

48-Cd-121

MAT 4870

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

48-Cd-121

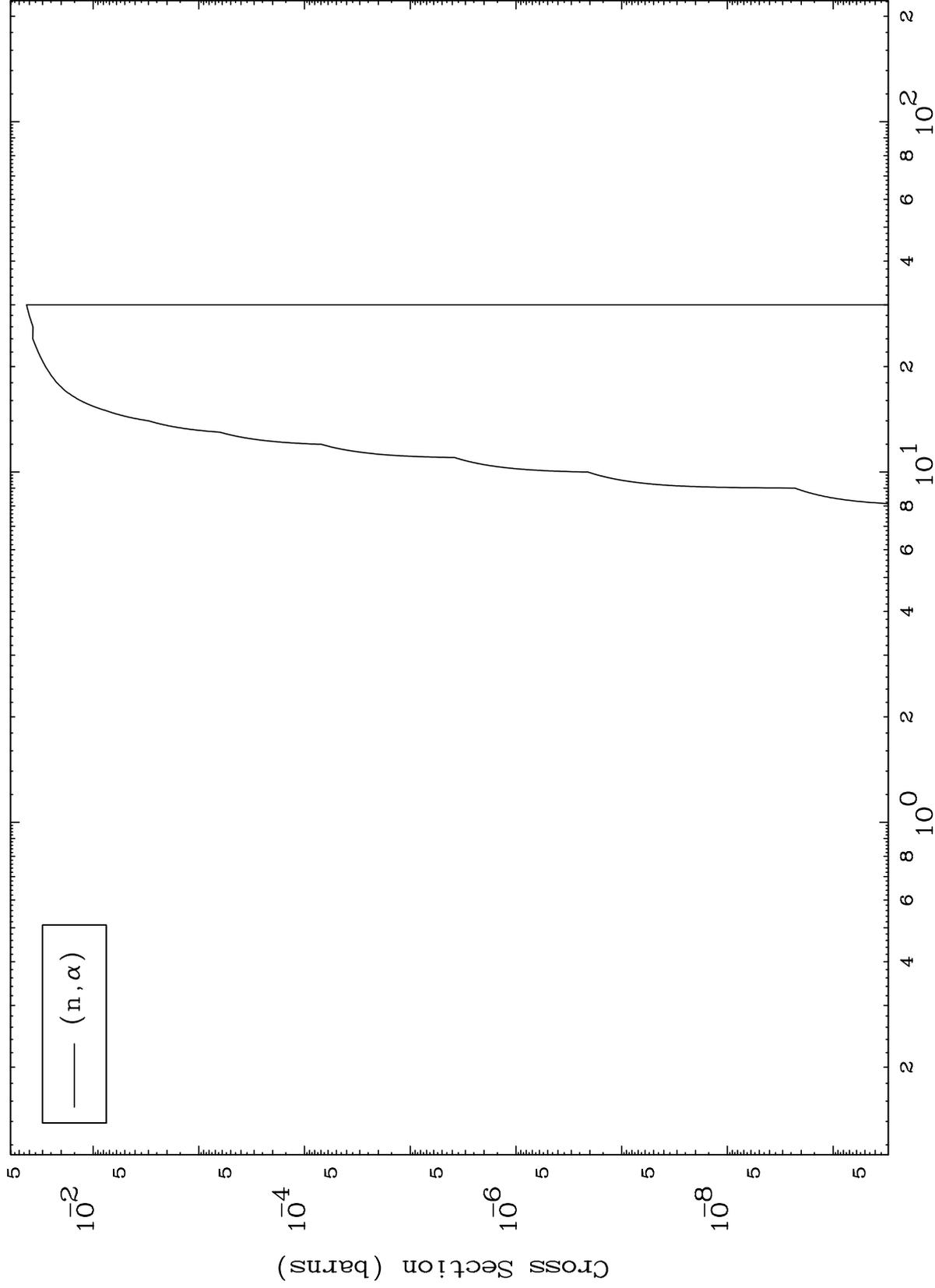


MAT 4870

(α, α) Levels

48-Cd-121

0 Kelvin Cross Sections

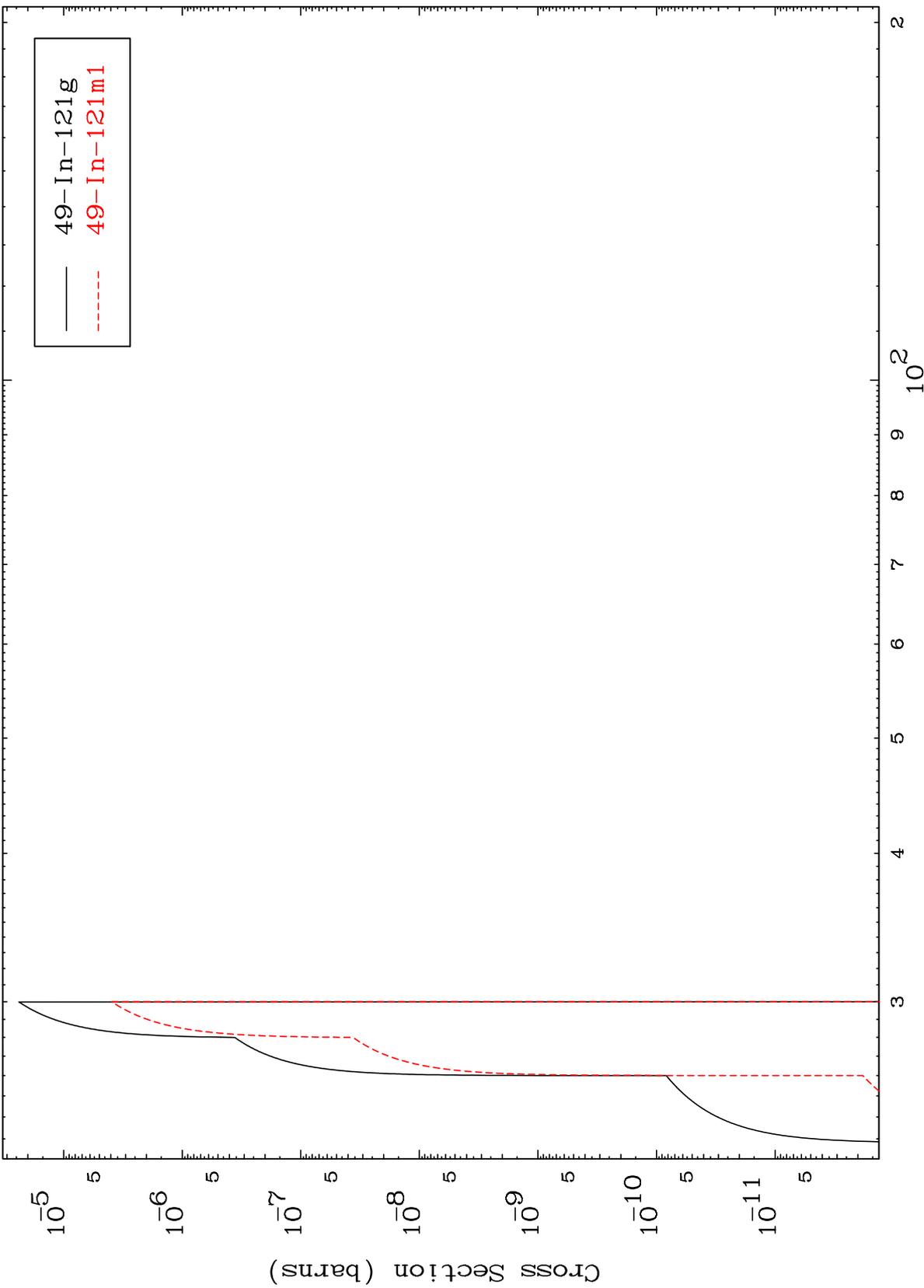


10

Incident Energy (MeV)

48-Cd-121

Radionuclide Production Cross Section



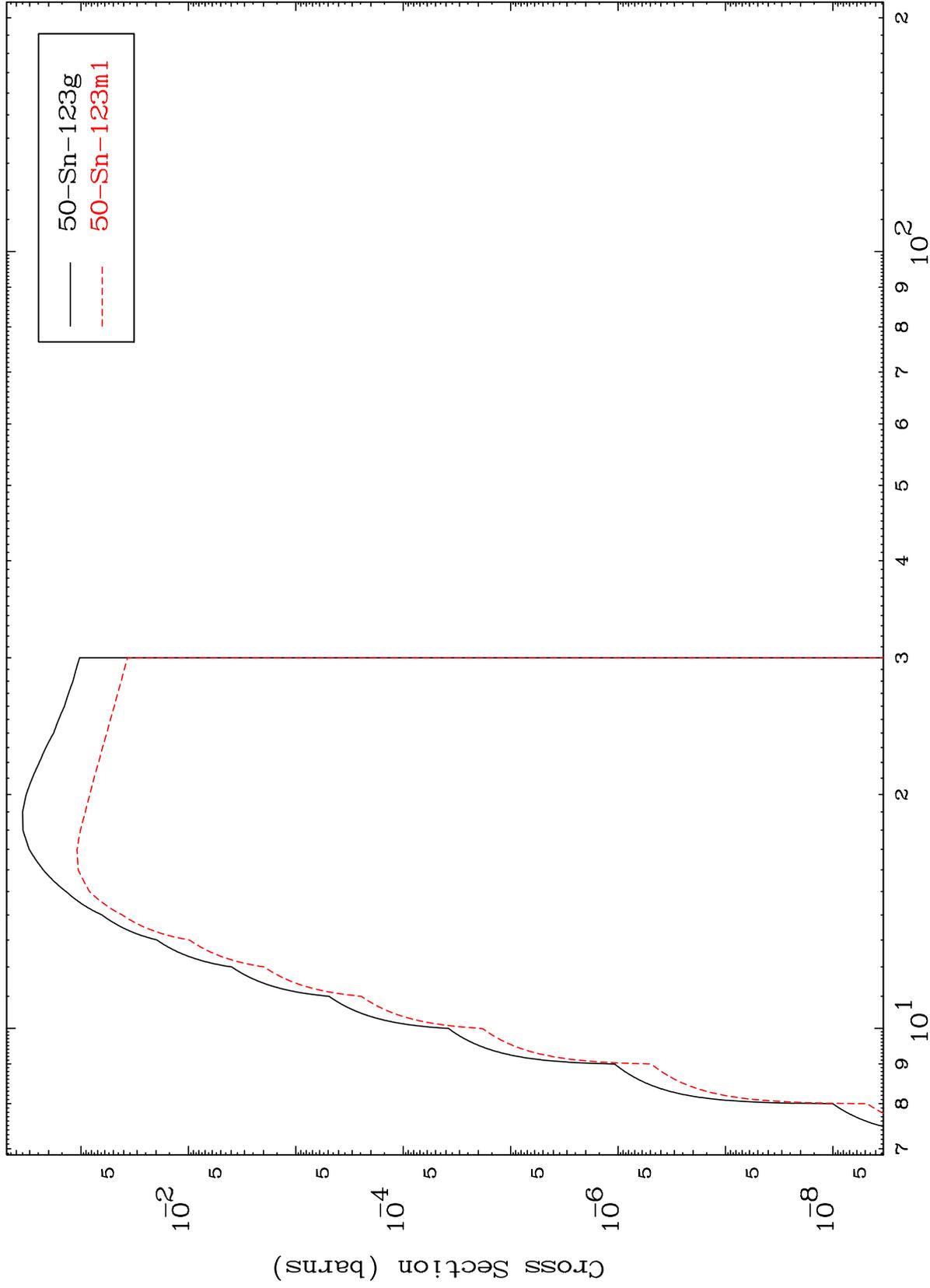
49-In-121g
49-In-121m1

MAT 4870

(n,2n)

48-Cd-121

Radionuclide Production Cross Section



Incident Energy (MeV)

48-Cd-121

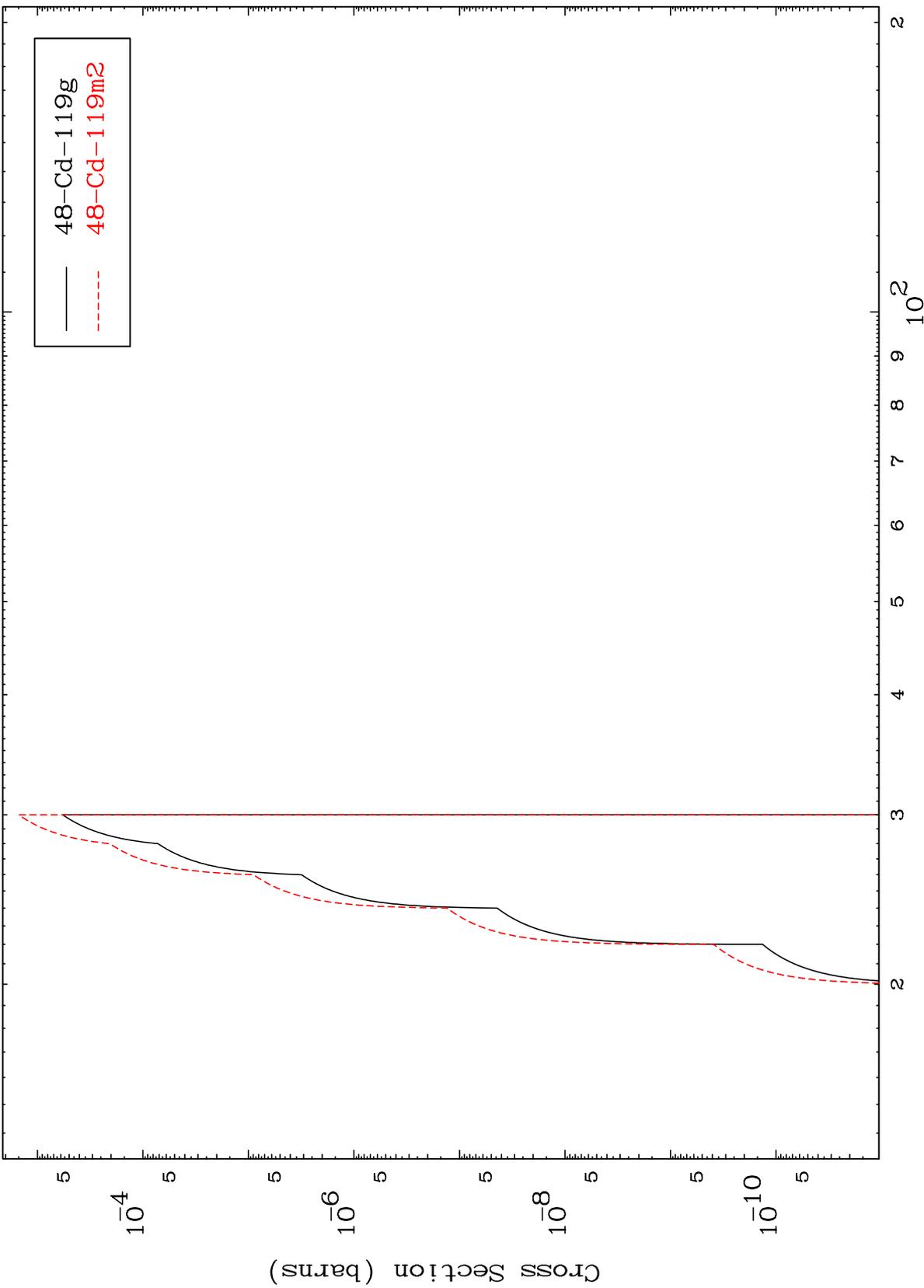
12

MAT 4870

(n,2n) α

48-Cd-121

Radionuclide Production Cross Section



13

Incident Energy (MeV)

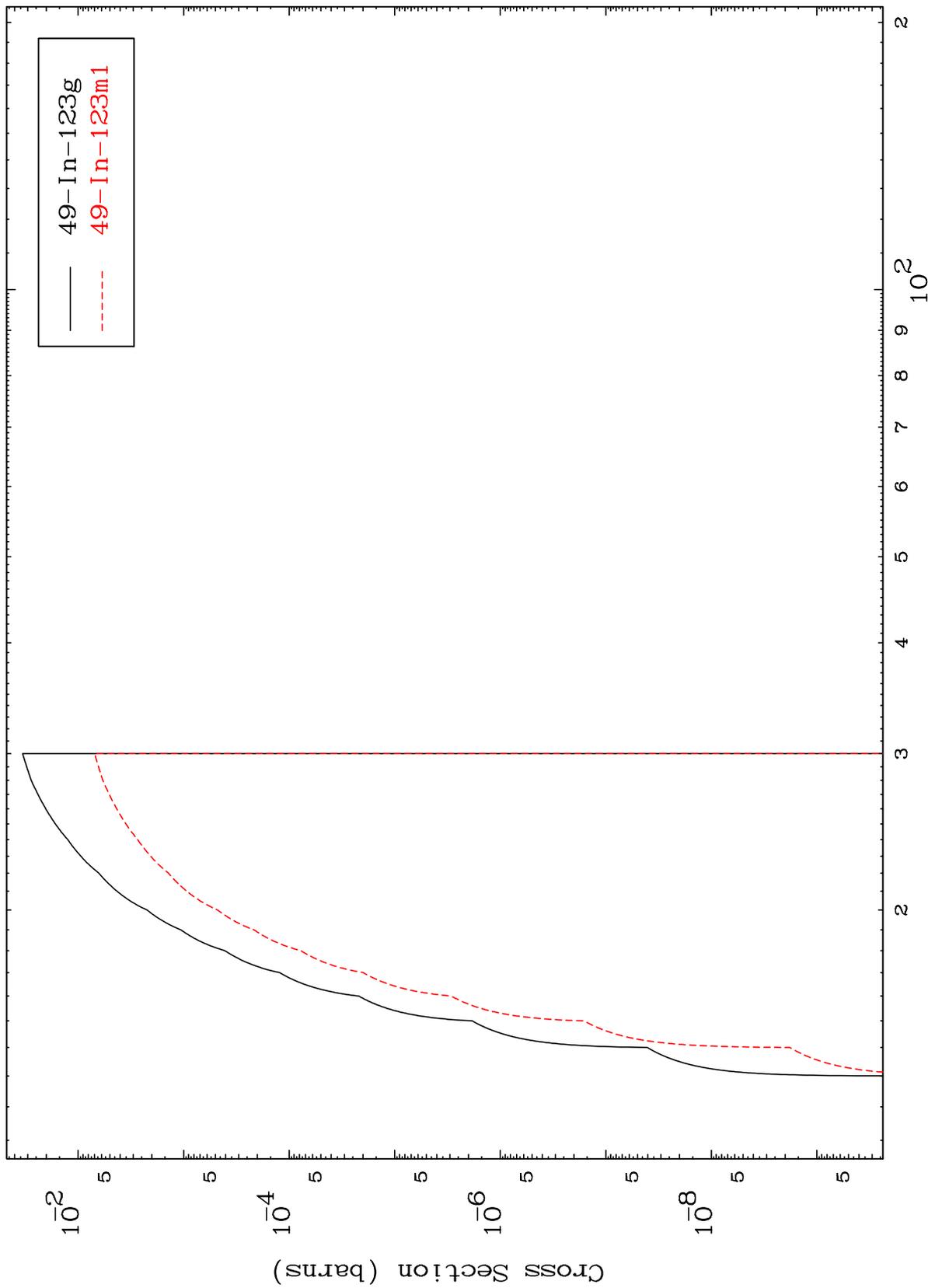
48-Cd-121

MAT 4870

(n,n') p

48-Cd-121

Radionuclide Production Cross Section

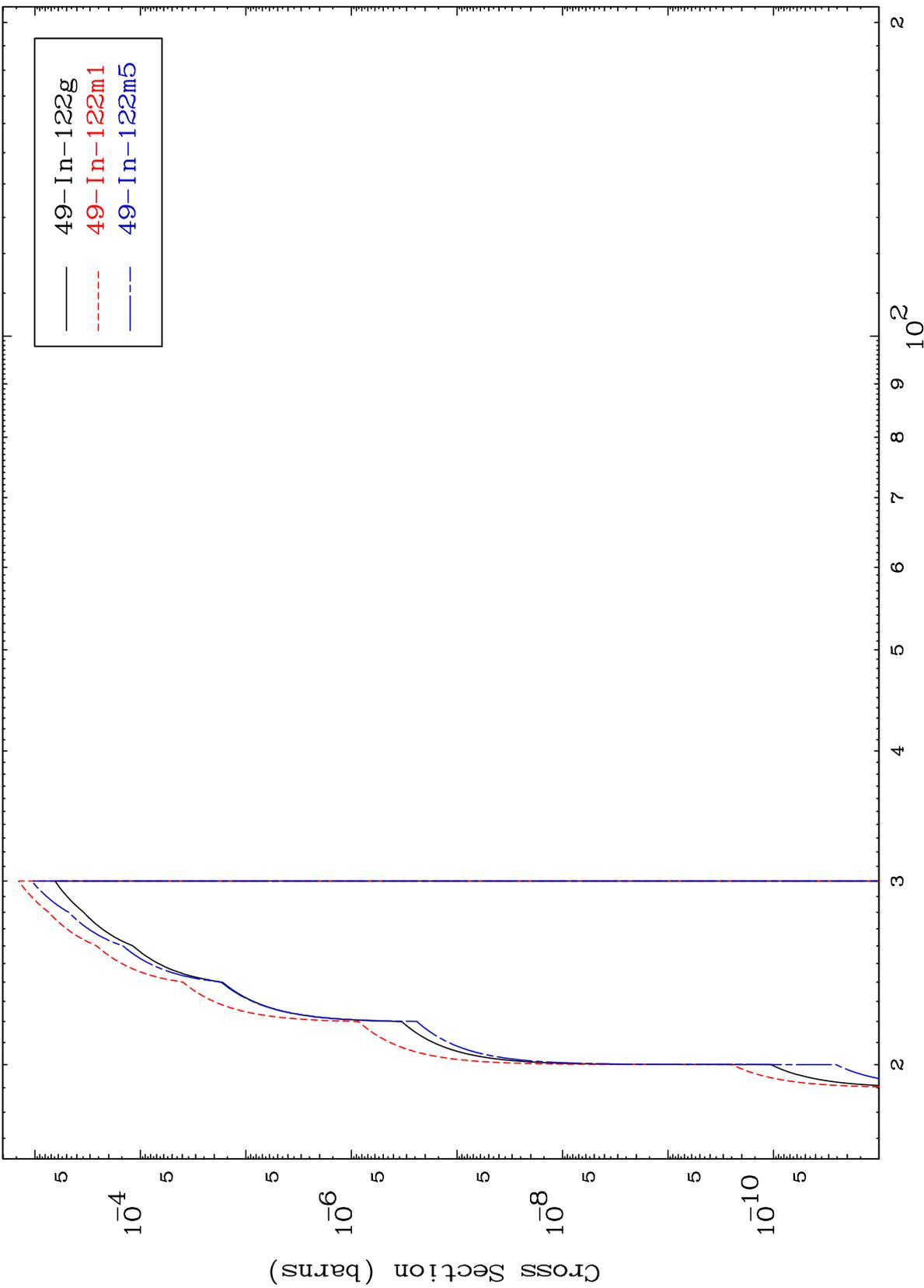


14

Incident Energy (MeV)

48-Cd-121

Radionuclide Production Cross Section

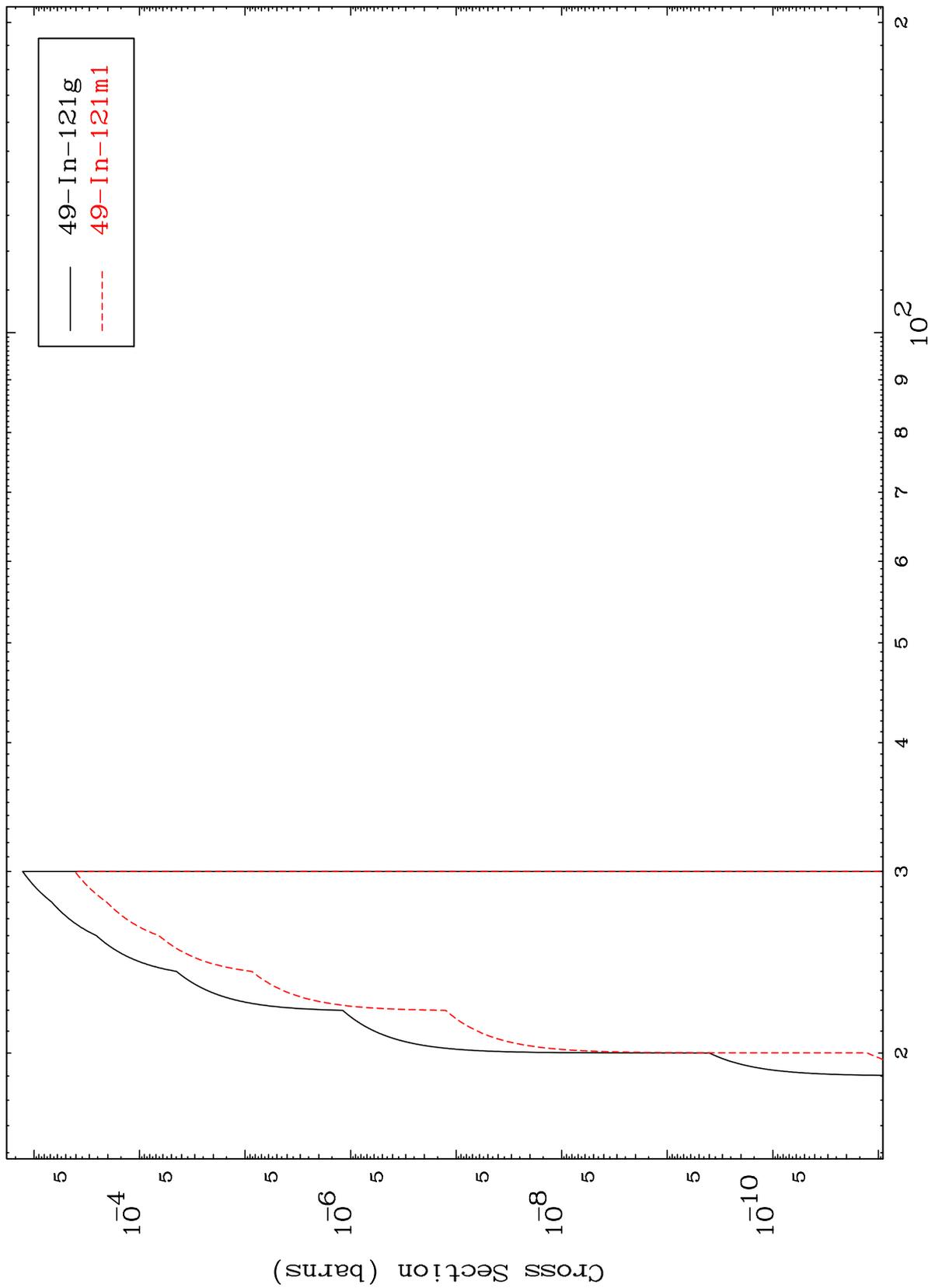


MAT 4870

(n,n') t

48-Cd-121

Radionuclide Production Cross Section



16

Incident Energy (MeV)

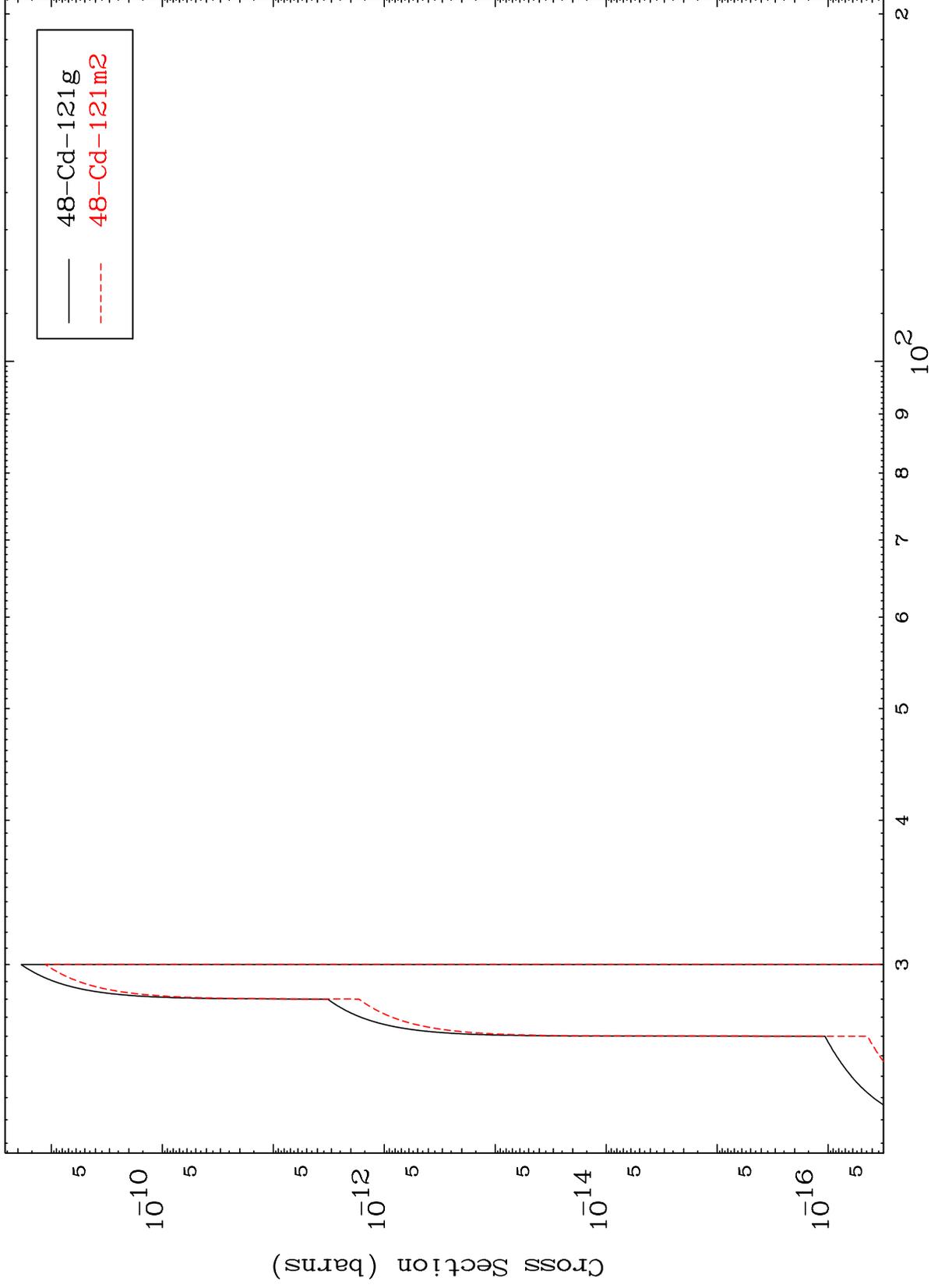
48-Cd-121

MAT 4870

(n,n') He-3

48-Cd-121

Radionuclide Production Cross Section



17

Incident Energy (MeV)

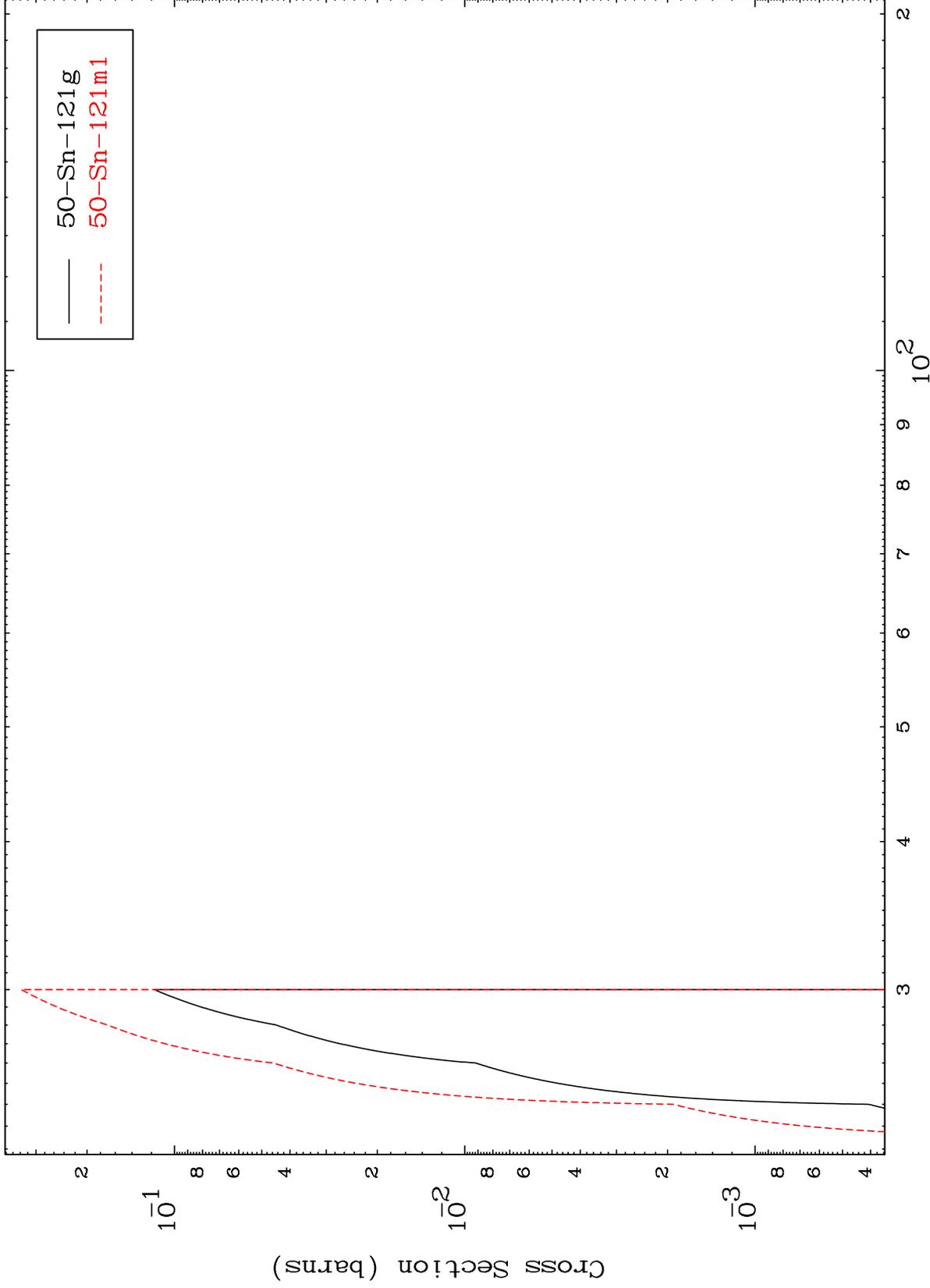
48-Cd-121

MAT 4870

(n,4n)

48-Cd-121

Radionuclide Production Cross Section

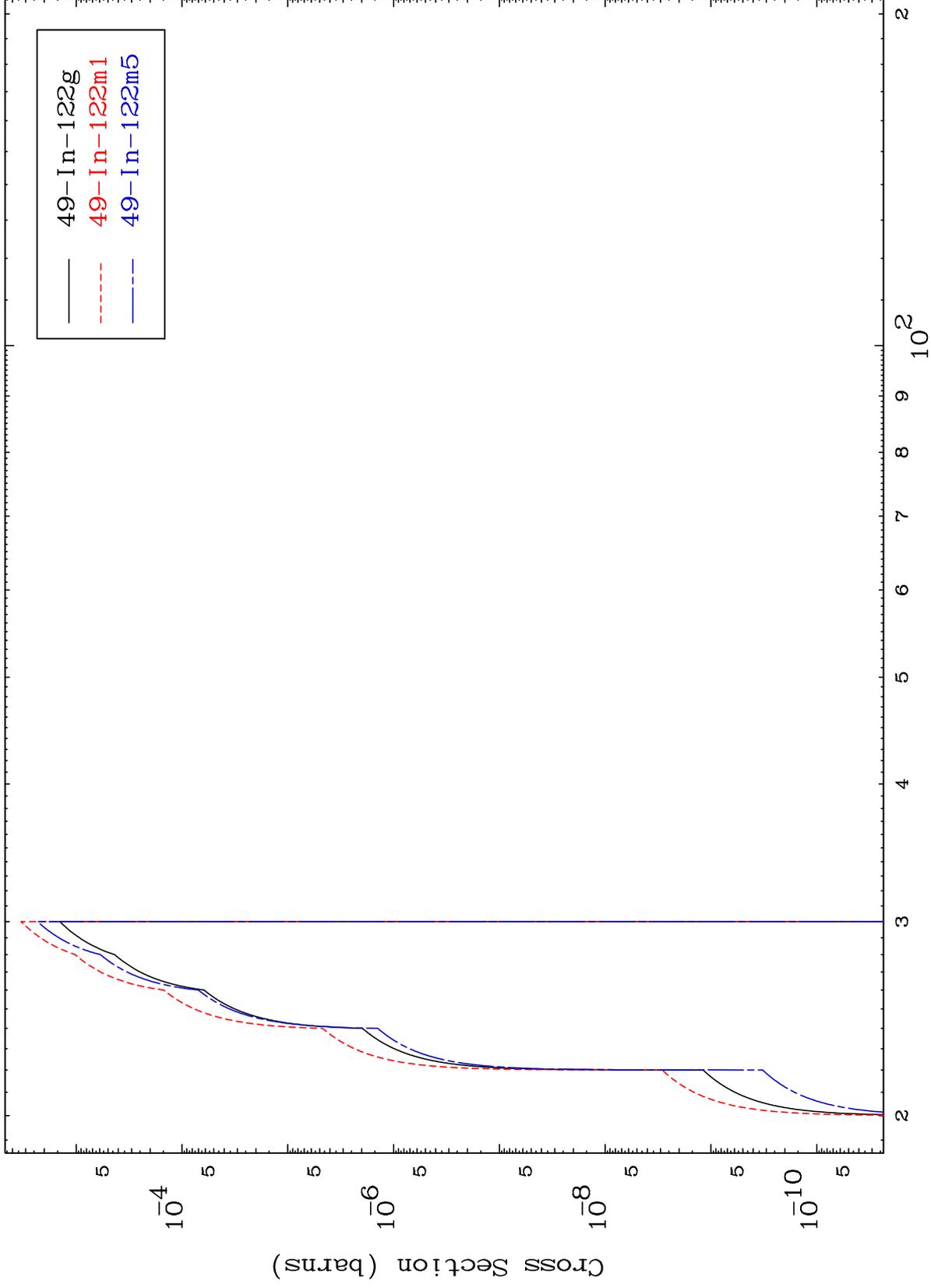


18

Incident Energy (MeV)

48-Cd-121

Radionuclide Production Cross Section

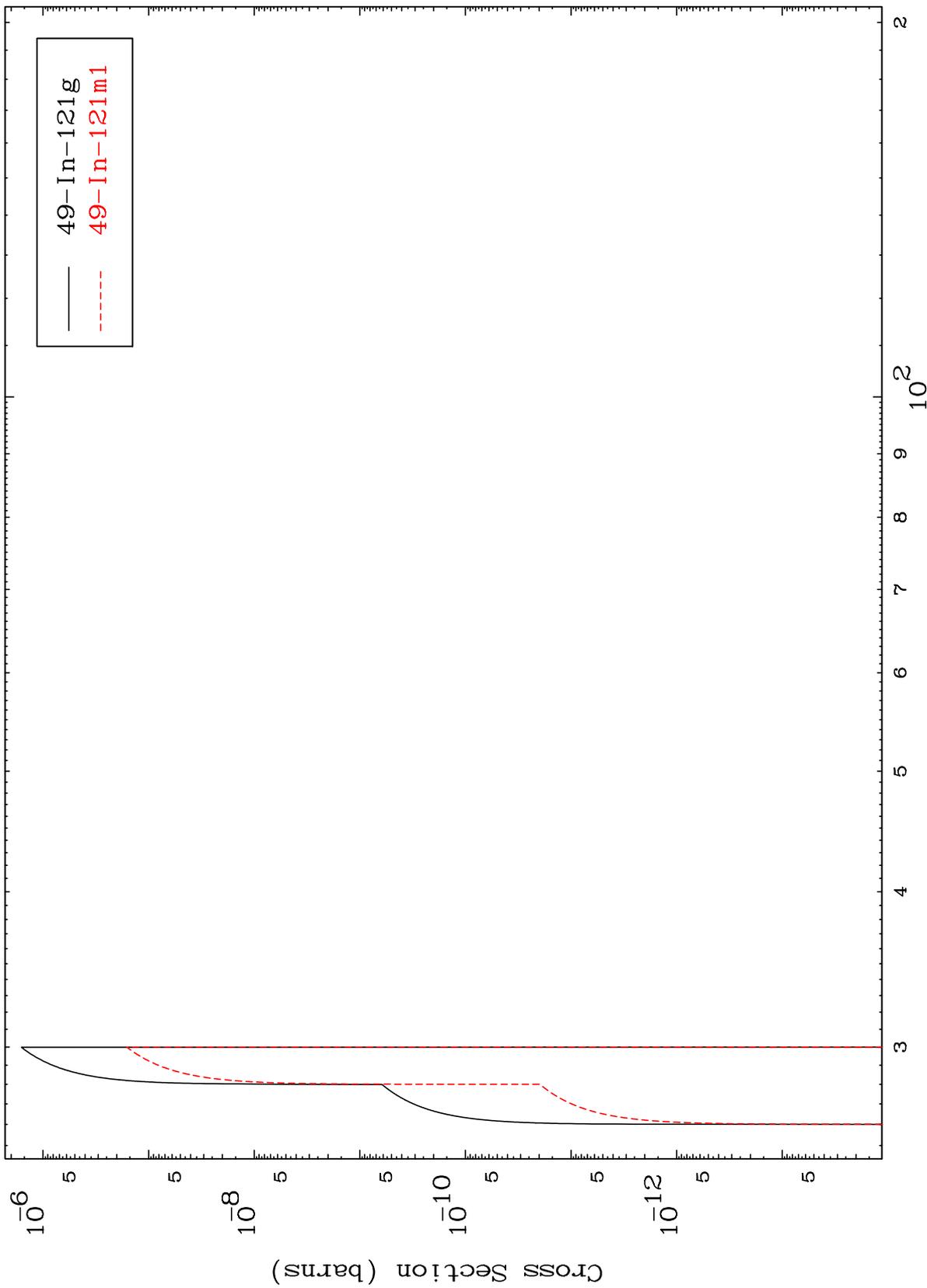


MAT 4870

(n,3n) p

48-Cd-121

Radionuclide Production Cross Section



20

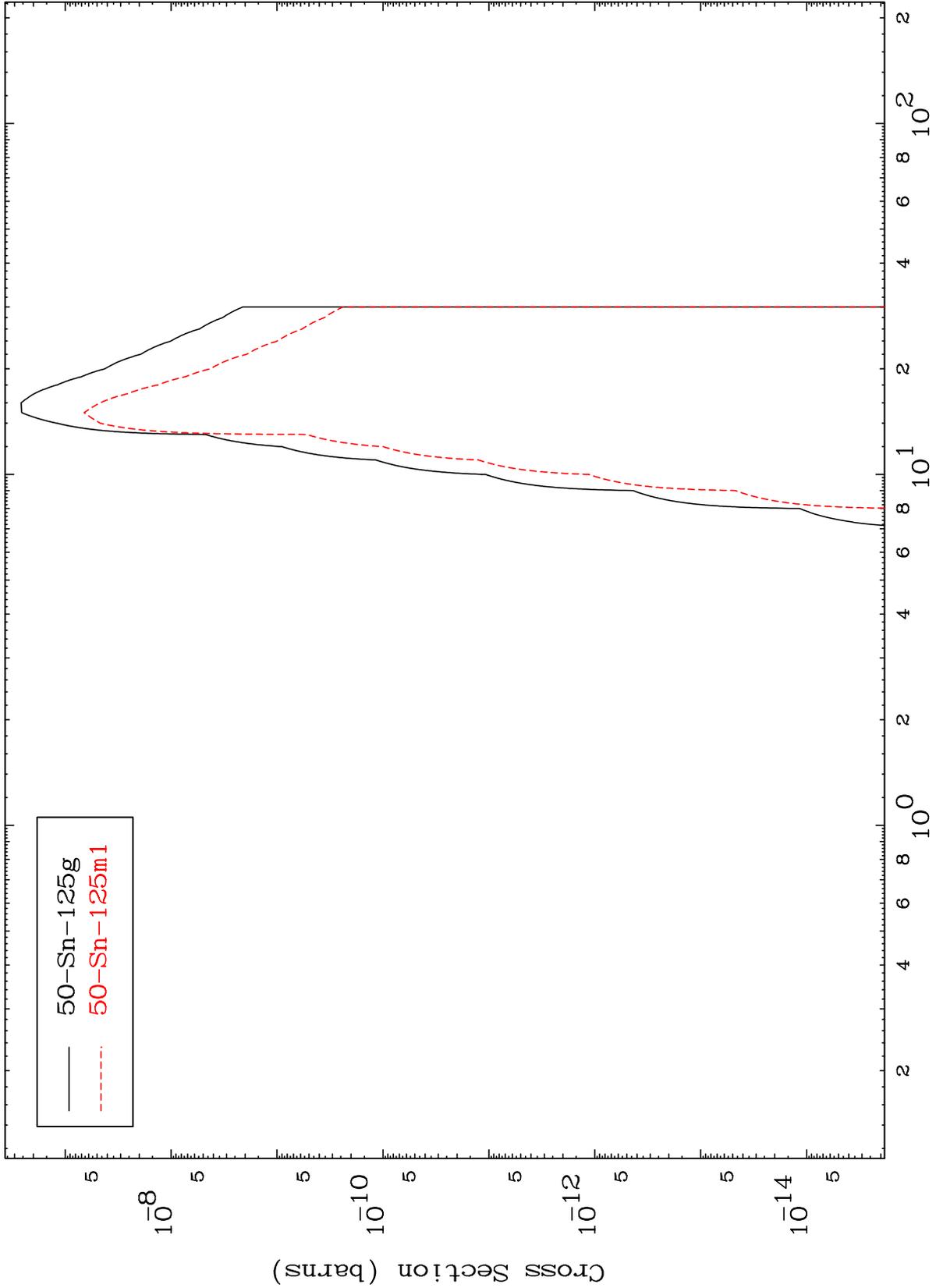
Incident Energy (MeV)

48-Cd-121

MAT 4870

48-Cd-121

Radionuclide Production Cross Section
(n, γ)

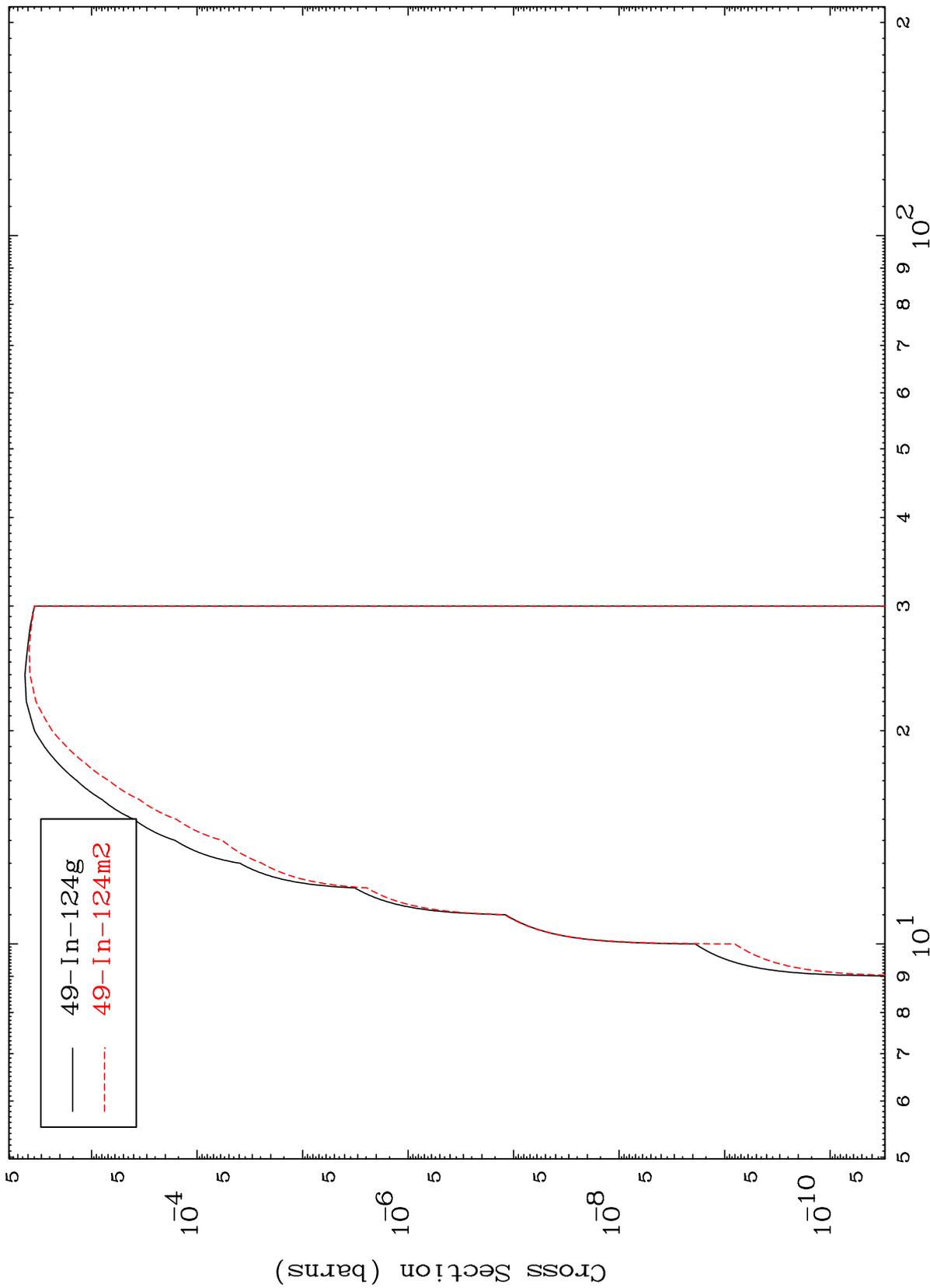


— 50-Sn-125g
- - - 50-Sn-125m1

MAT 4870

48-Cd-121

(n,p)
Radionuclide Production Cross Section



— 49-In-124g
- - - 49-In-124m2

48-Cd-121

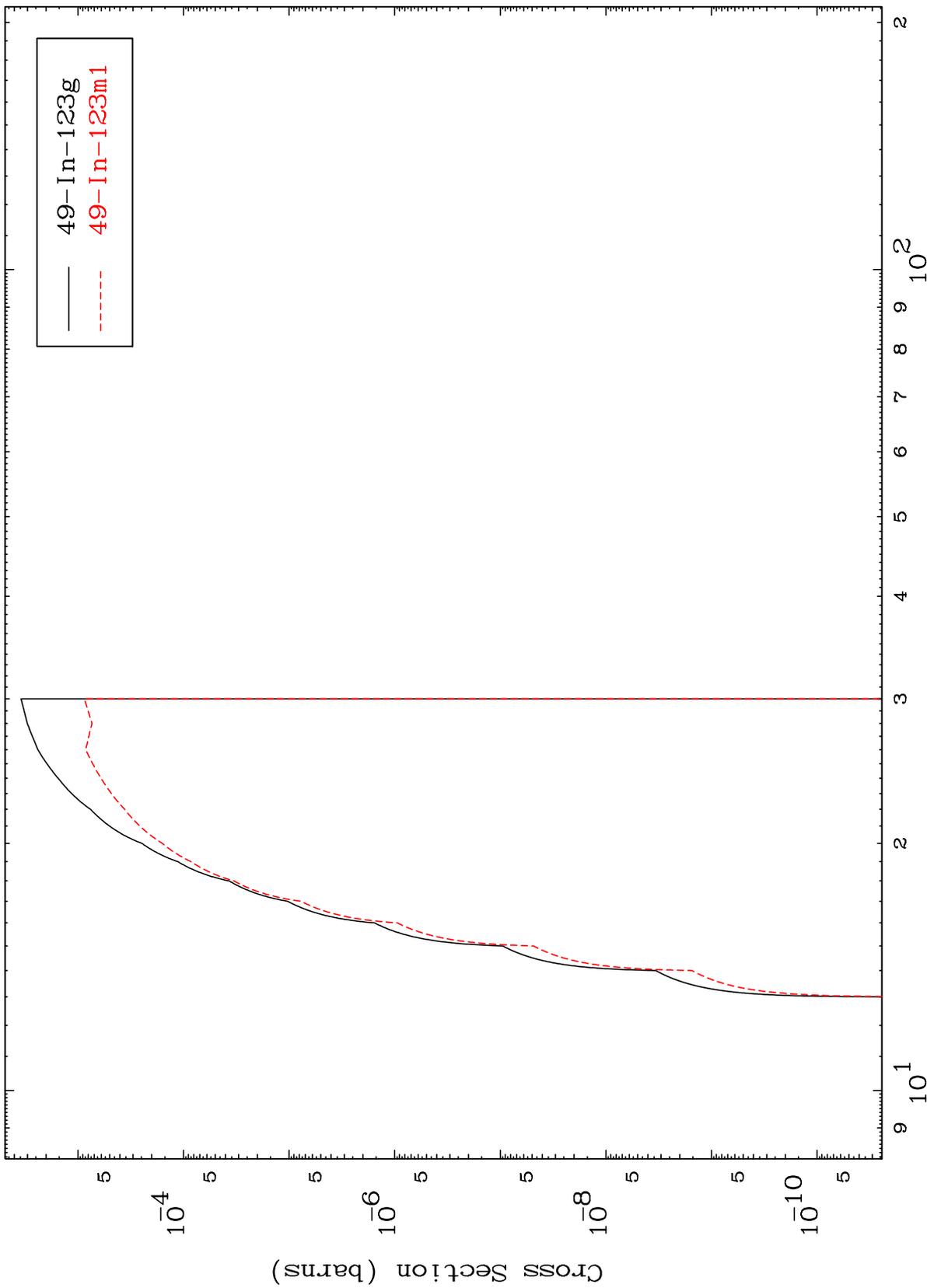
Incident Energy (MeV)

22

MAT 4870

48-Cd-121

(n,d)
Radionuclide Production Cross Section



23

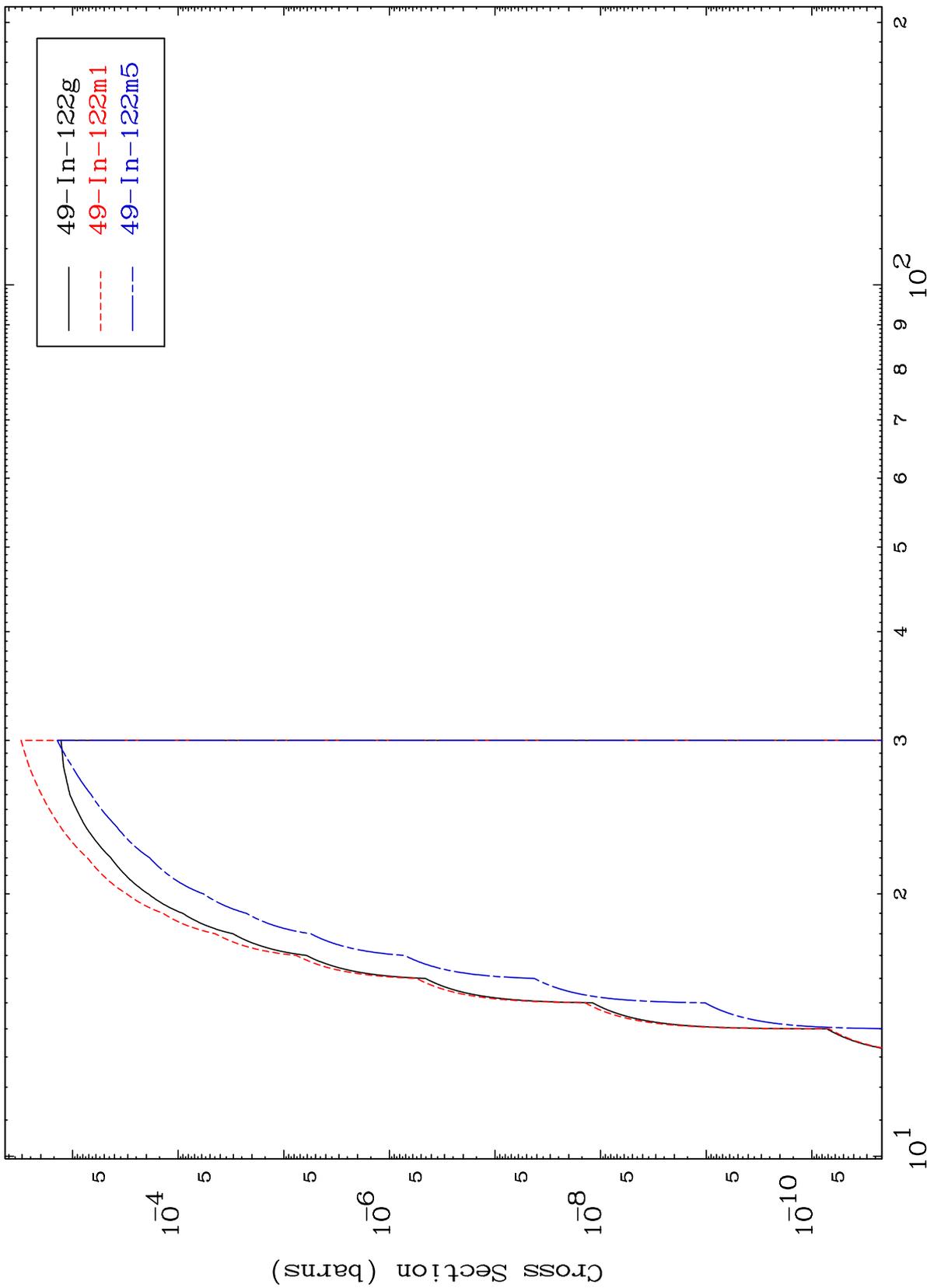
Incident Energy (MeV)

48-Cd-121

MAT 4870

48-Cd-121

(n, t)
Radionuclide Production Cross Section



48-Cd-121

Incident Energy (MeV)

24

MAT 4870

48-Cd-121

Radionuclide Production Cross Section
(n, α)

