

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

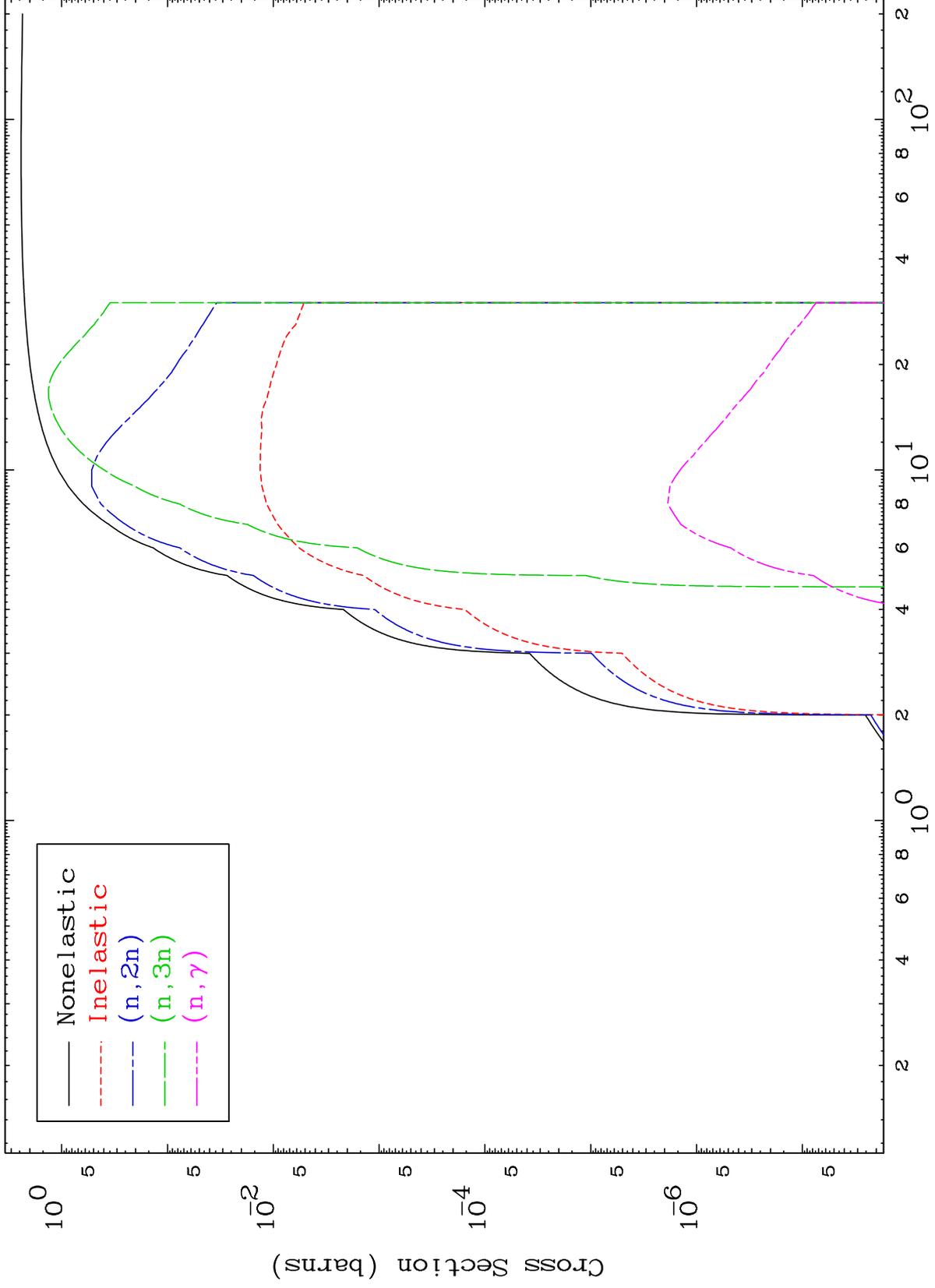
Press Mouse Button to Start

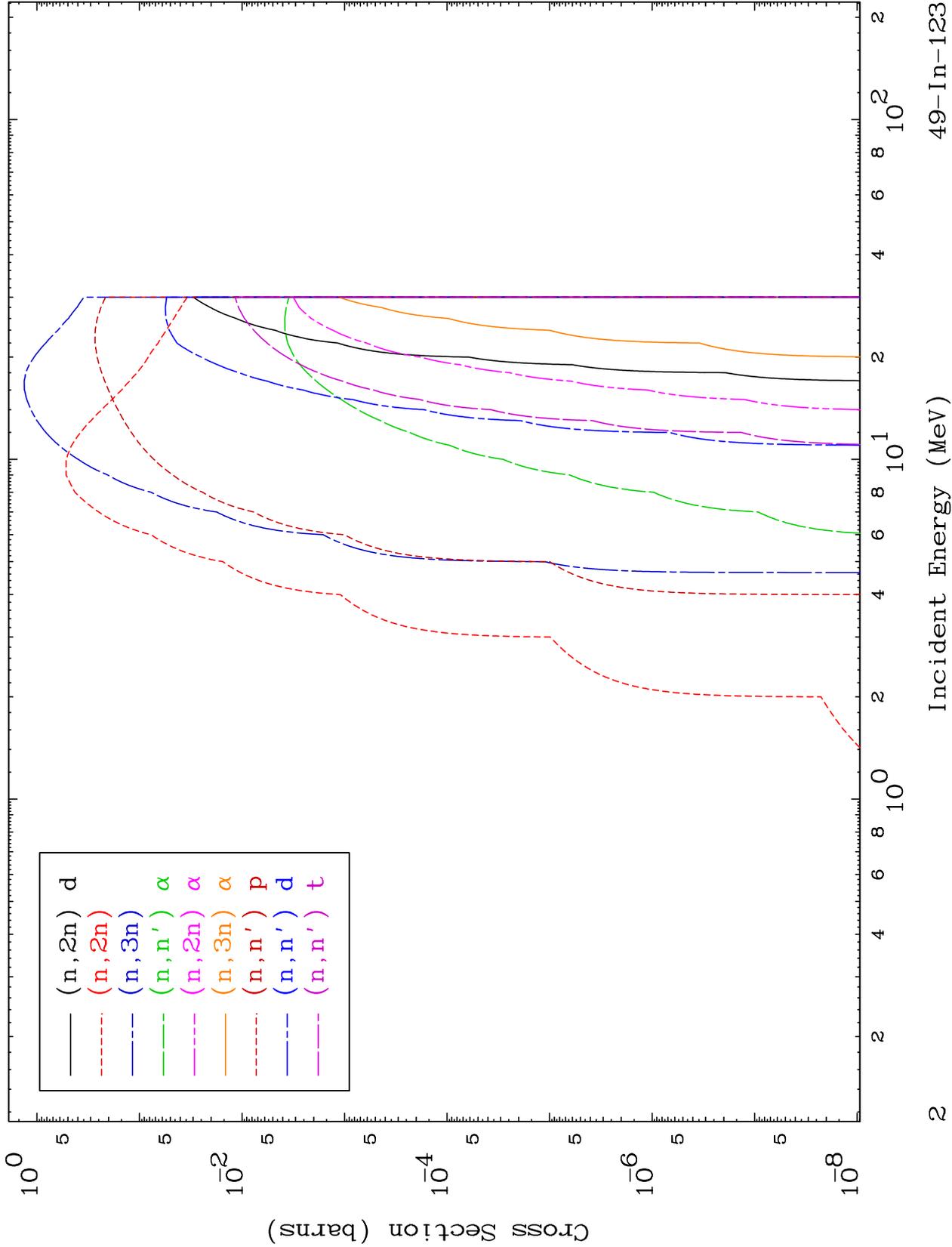
MAT 4955

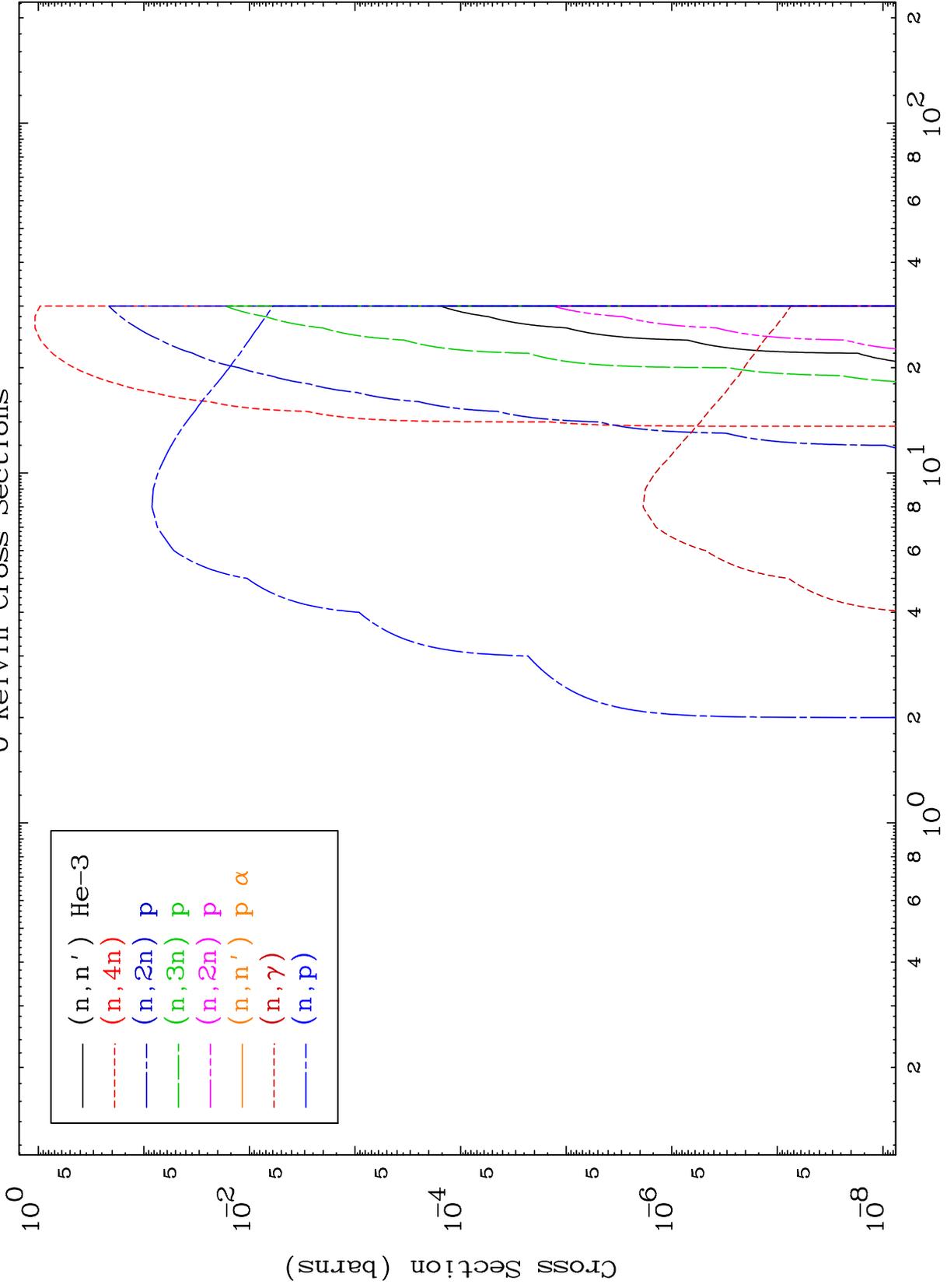
Deuteron Major

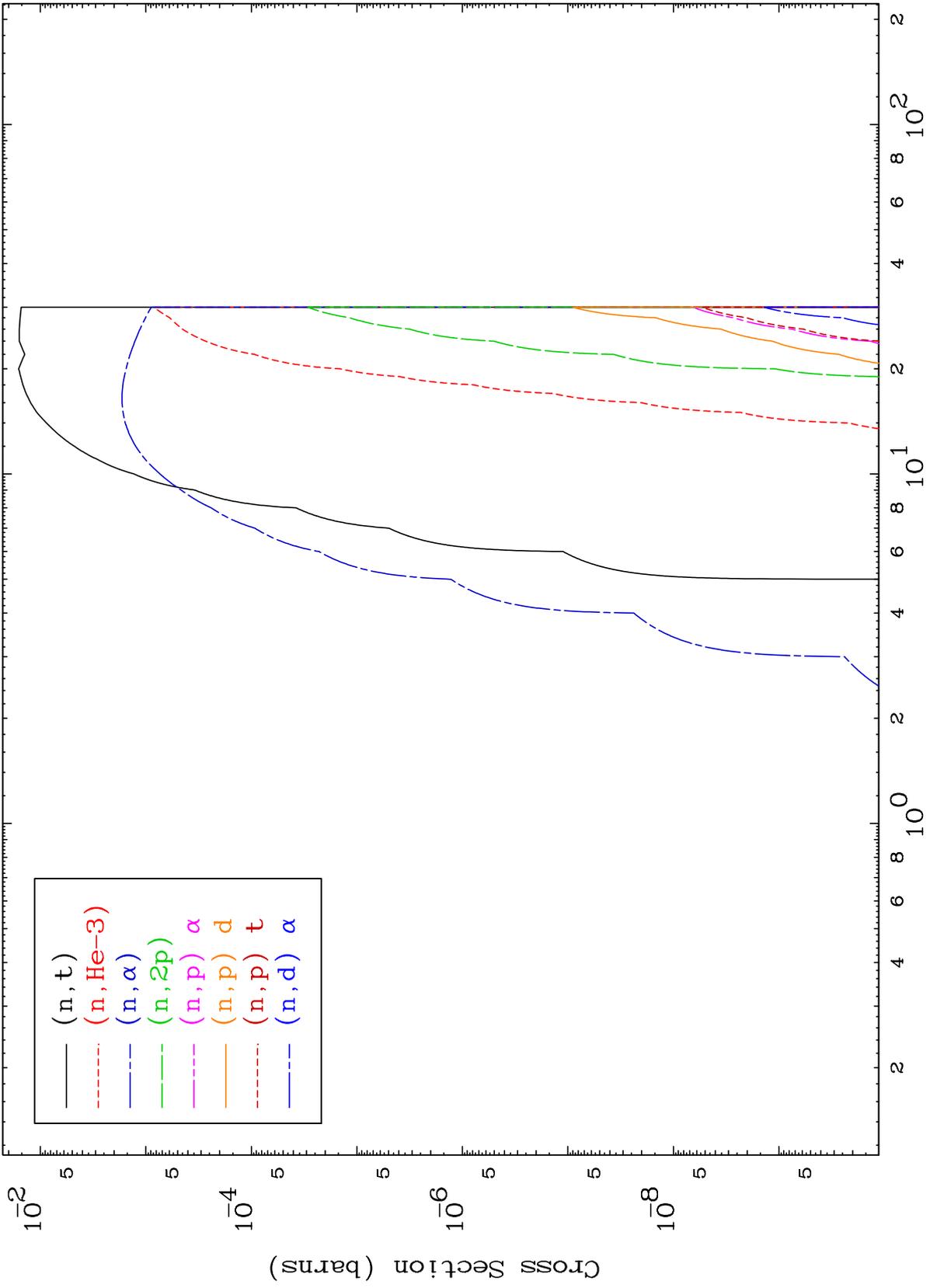
49-In-123

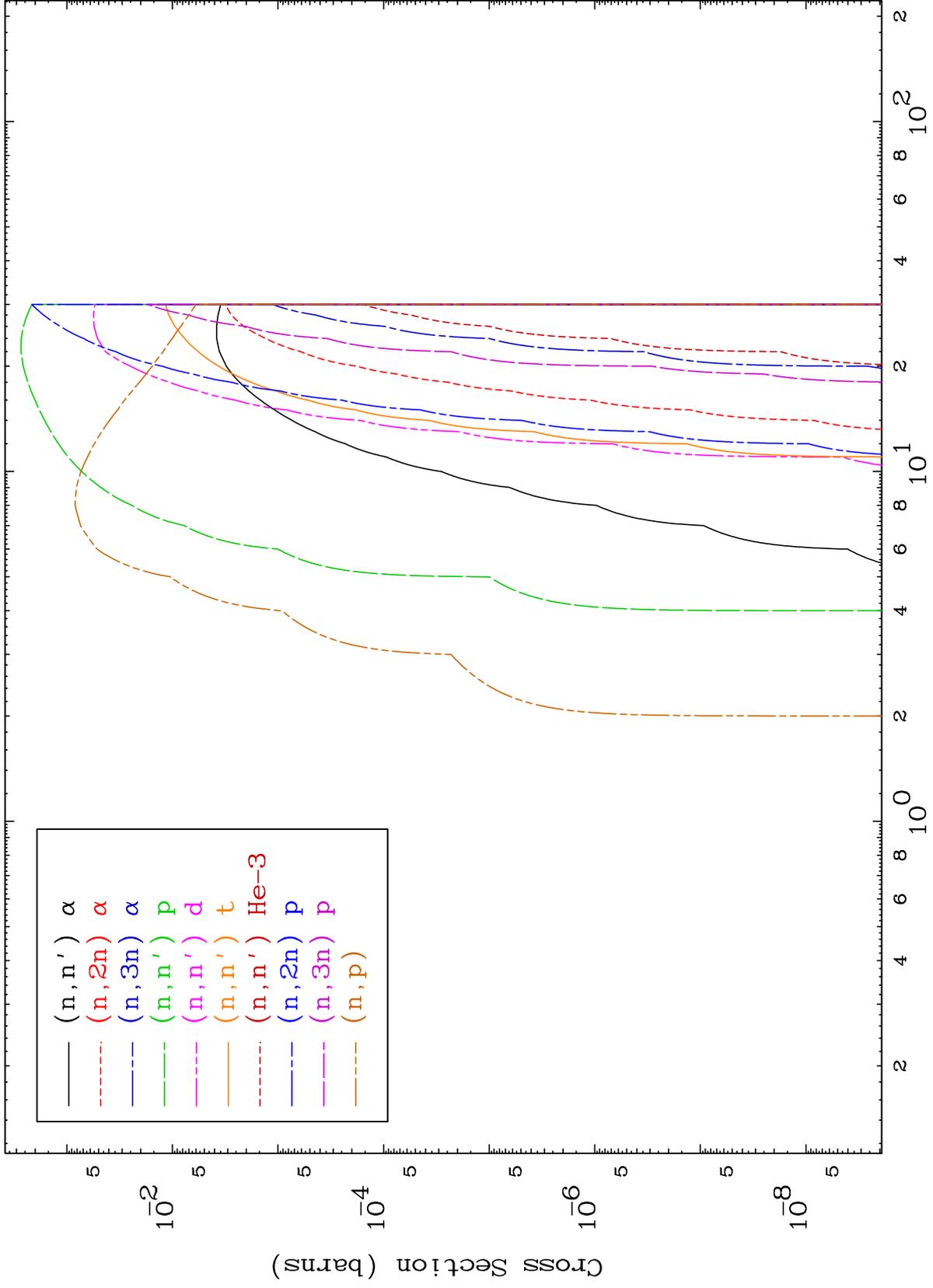
0 Kelvin Cross Sections

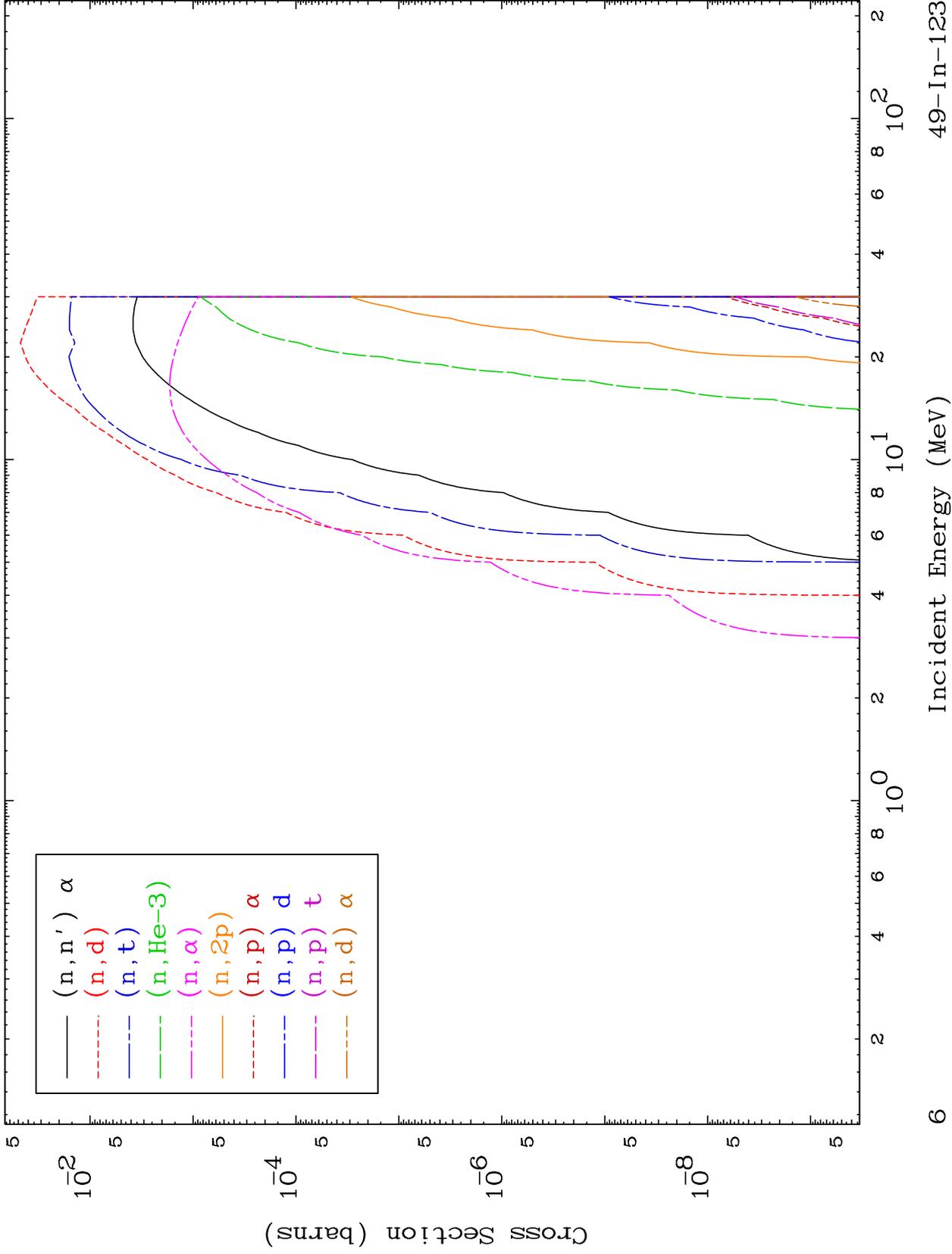










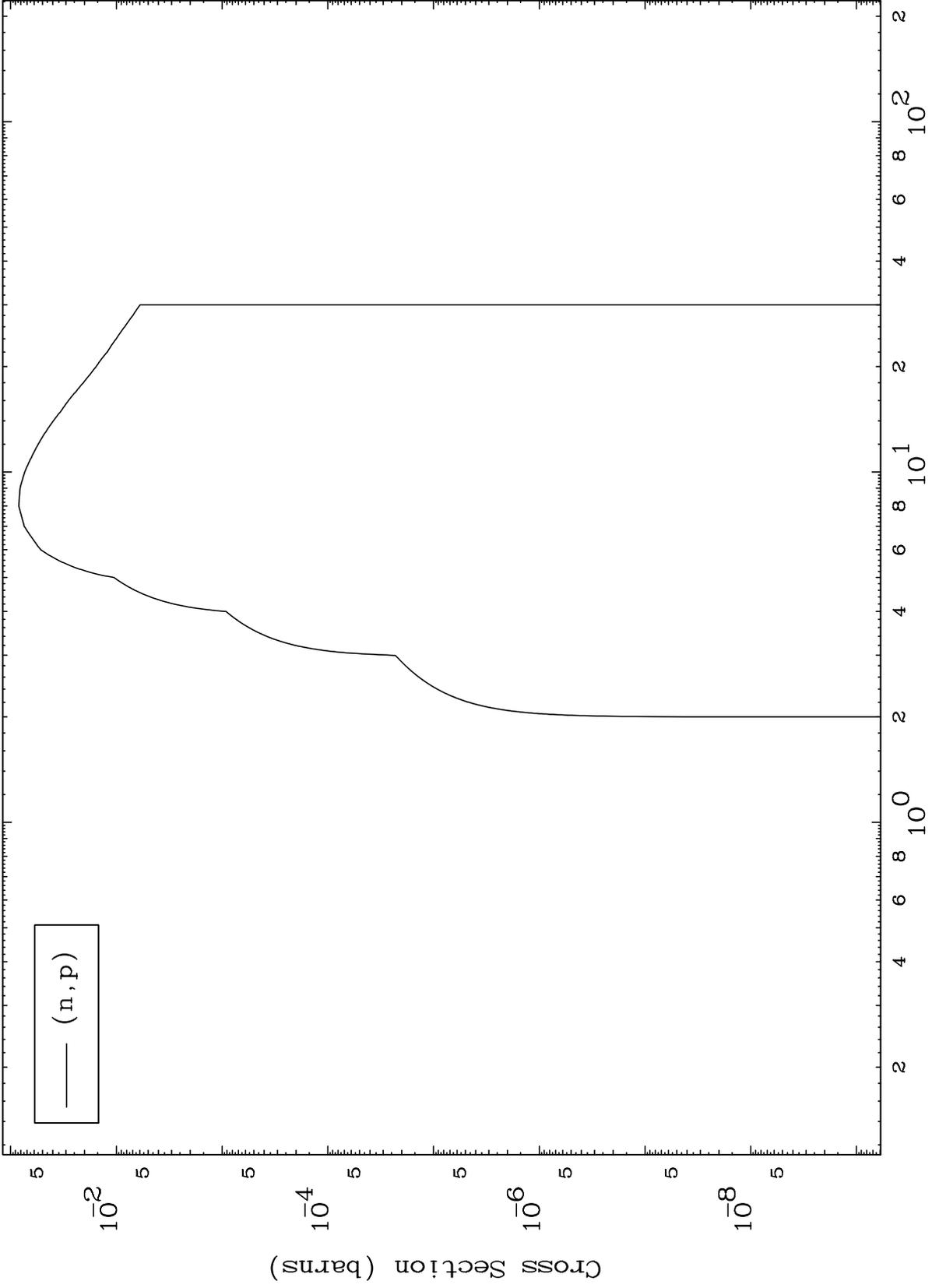


MAT 4955

(d,p) Levels

49-In-123

0 Kelvin Cross Sections

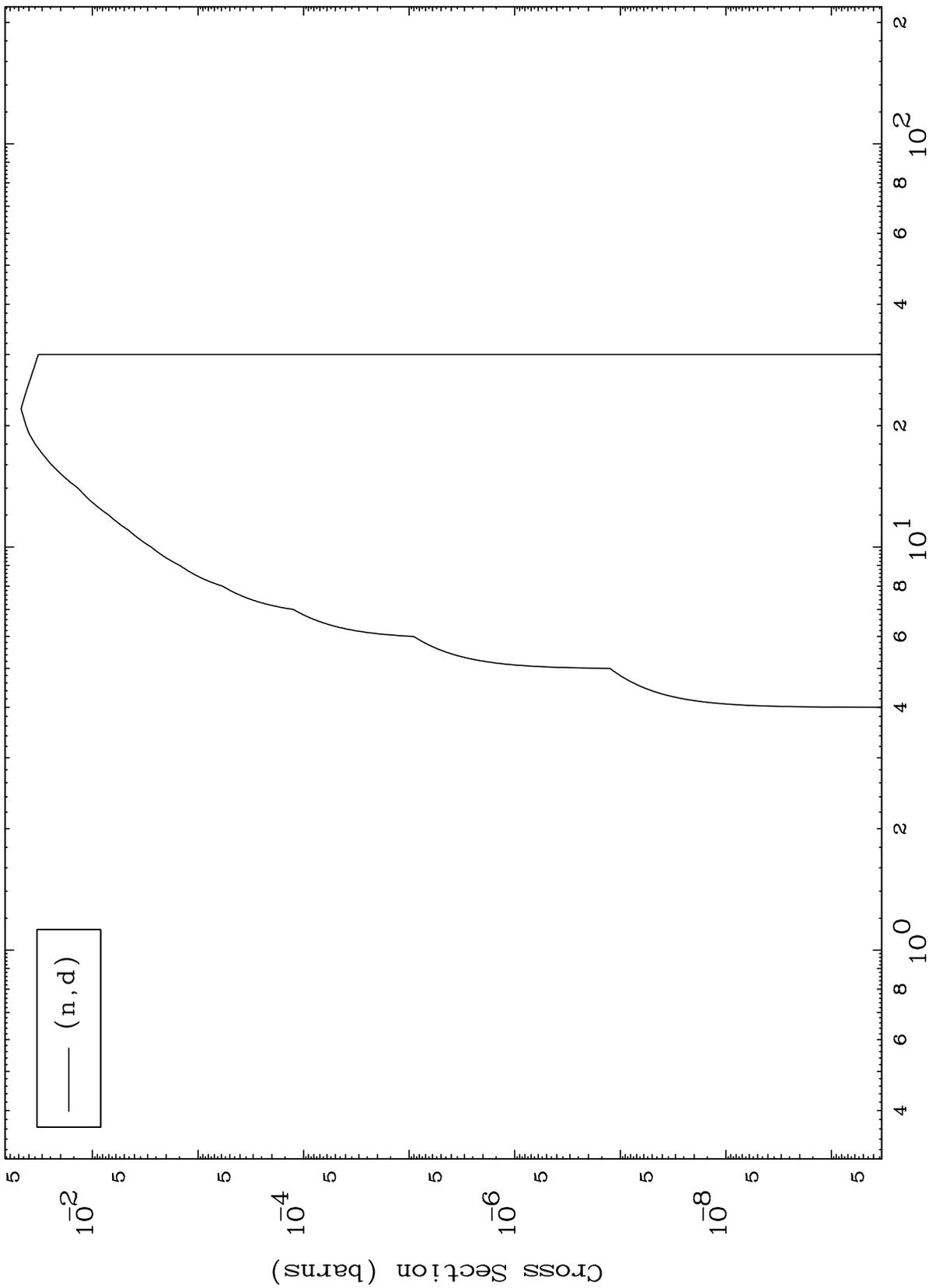


MAT 4955

(d,d) Levels

49-In-123

0 Kelvin Cross Sections



8

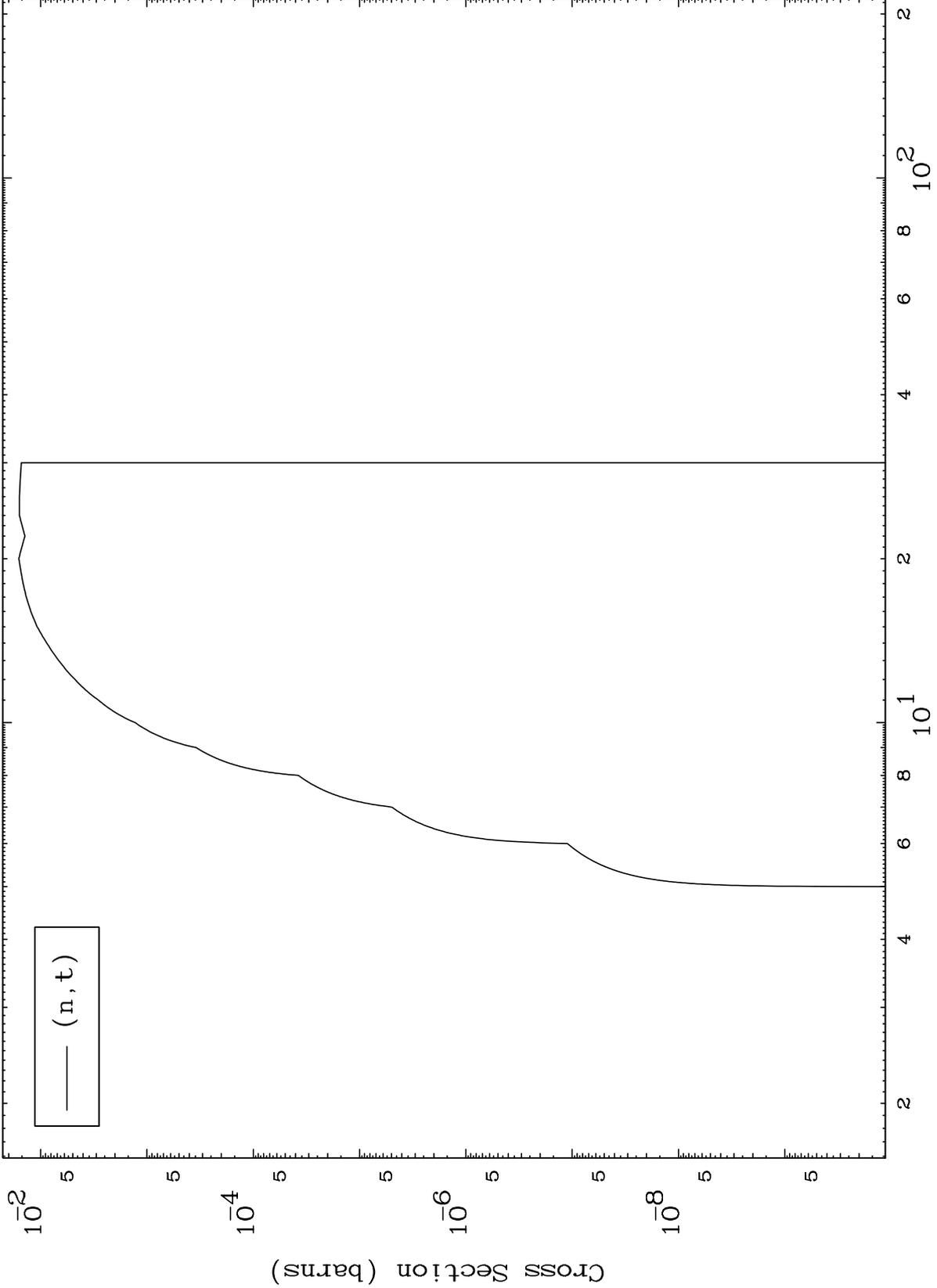
Incident Energy (MeV)

49-In-123

MAT 4955

(d,t) Levels
0 Kelvin Cross Sections

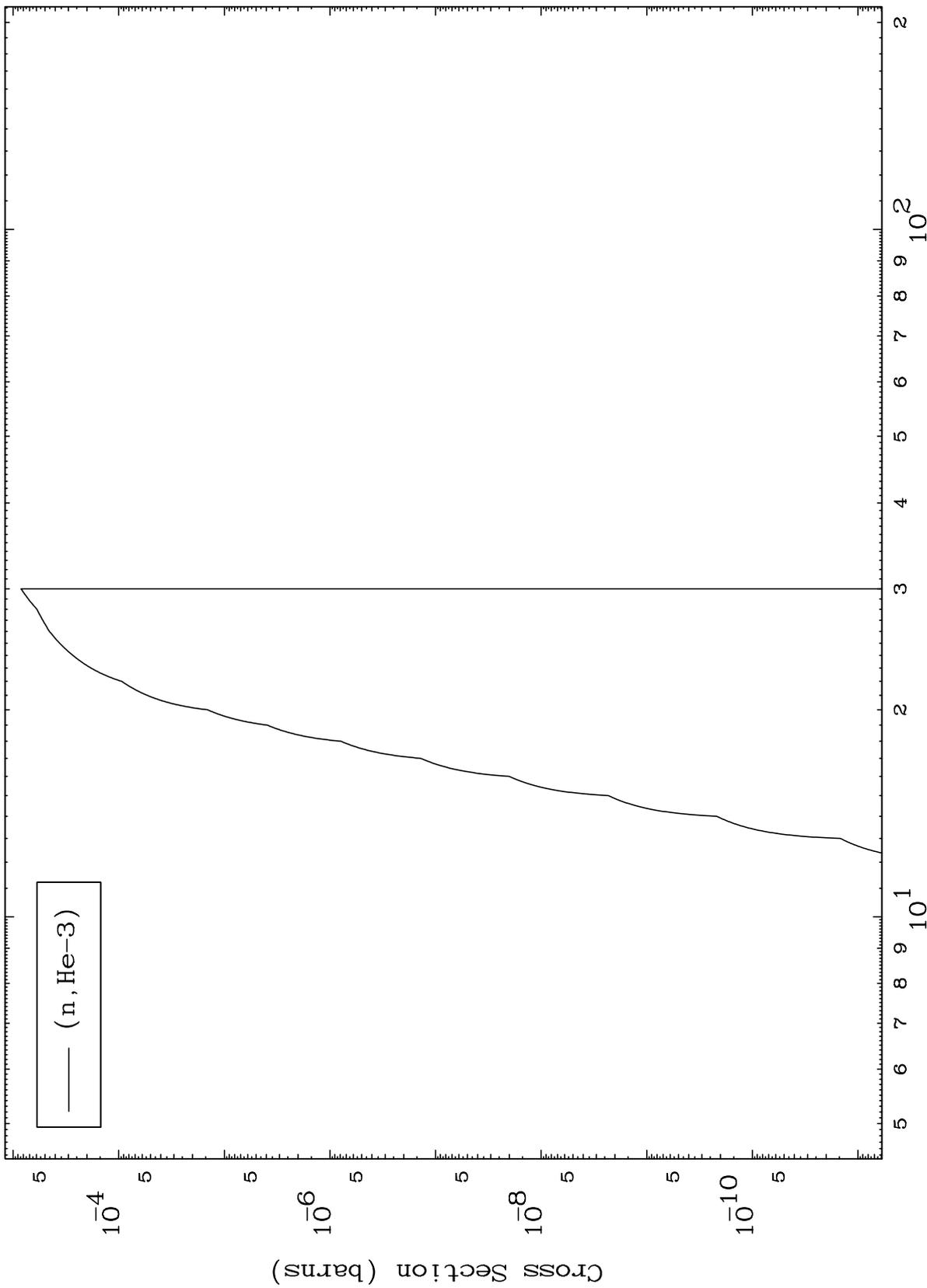
49-In-123



MAT 4955

49-In-123

(d,He3) Levels
0 Kelvin Cross Sections



49-In-123

Incident Energy (MeV)

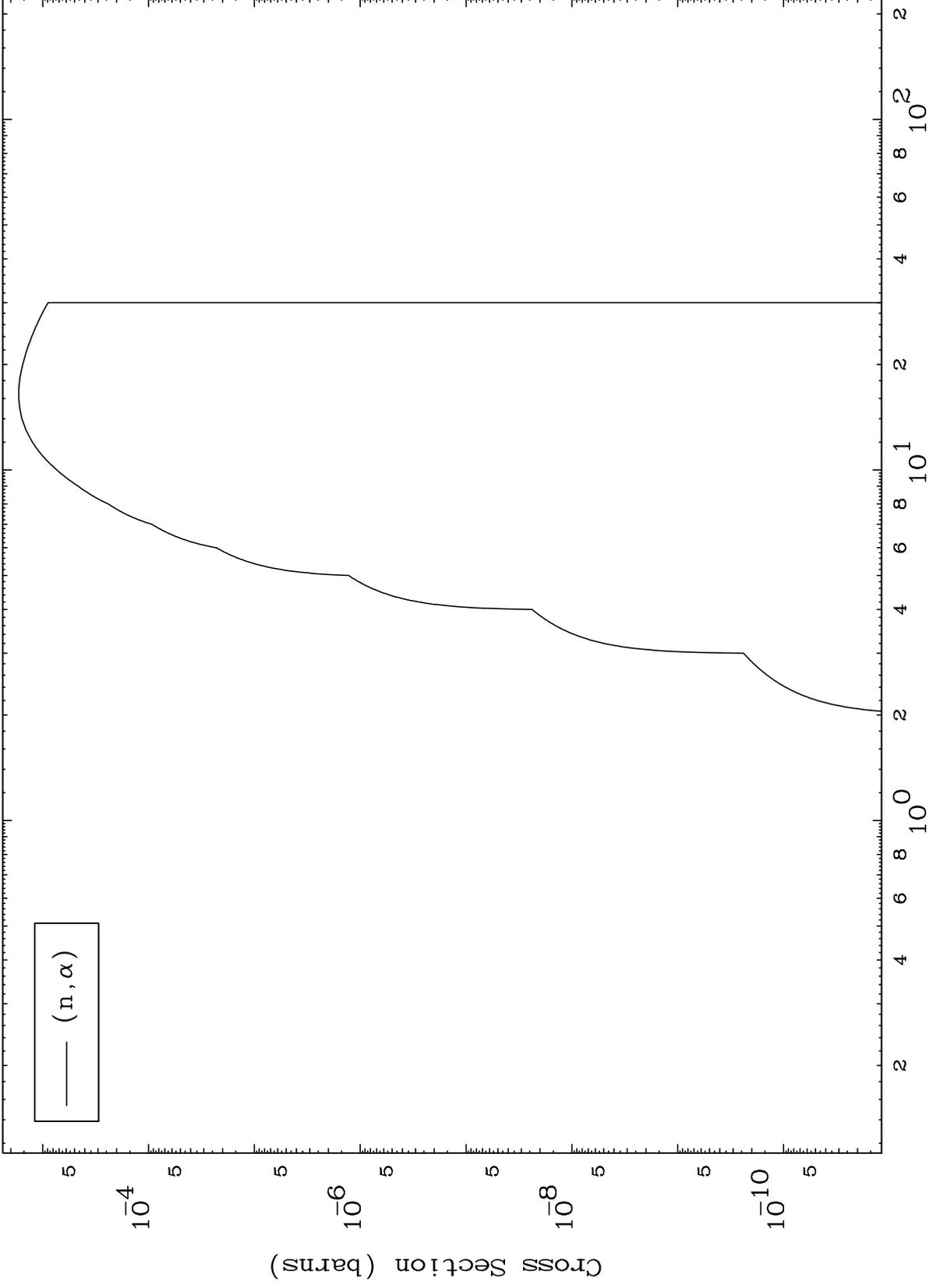
10

MAT 4955

(d, α) Levels

49-In-123

0 Kelvin Cross Sections

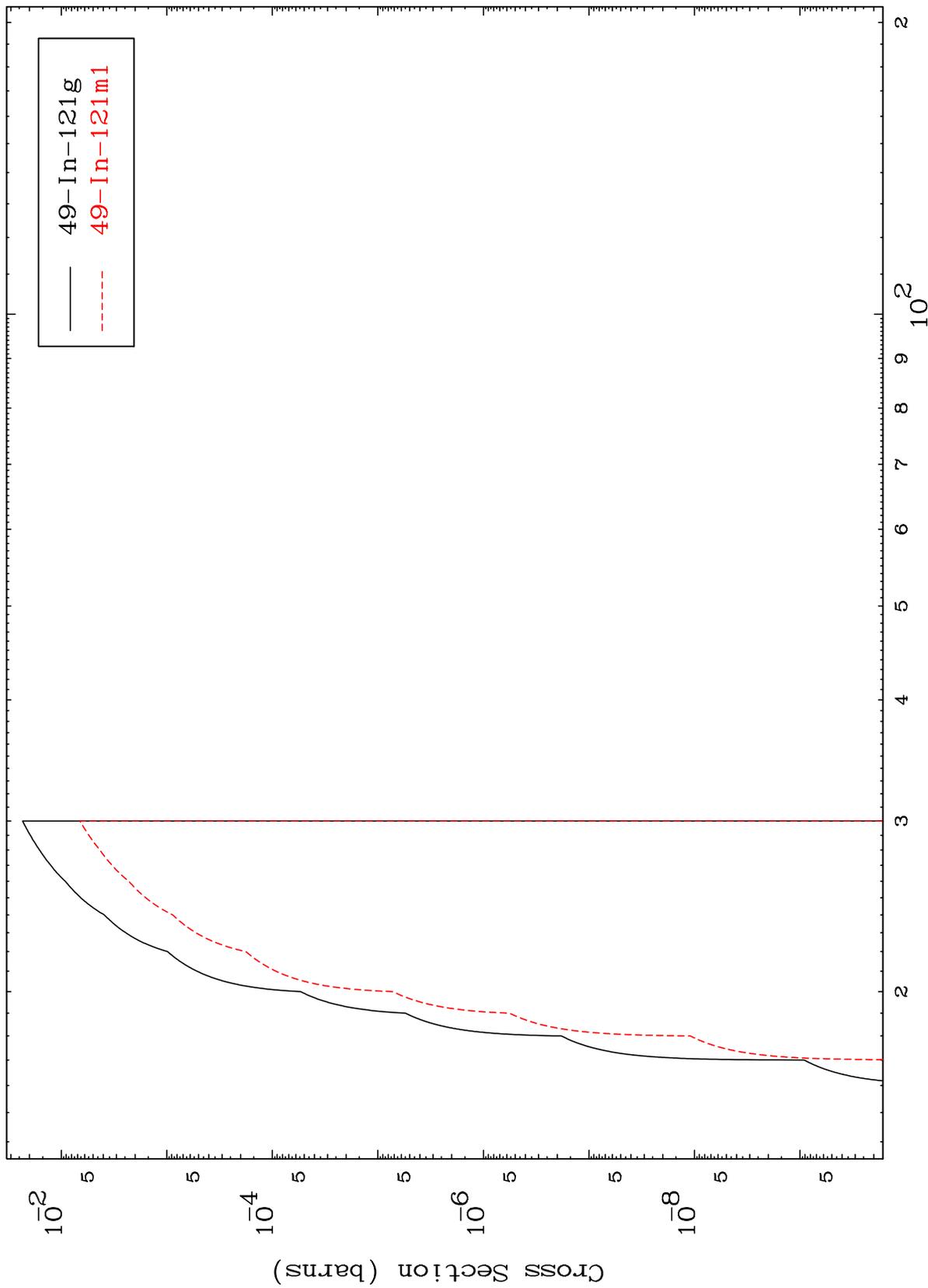


MAT 4955

(n,2n) d

49-In-123

Radionuclide Production Cross Section



12

Incident Energy (MeV)

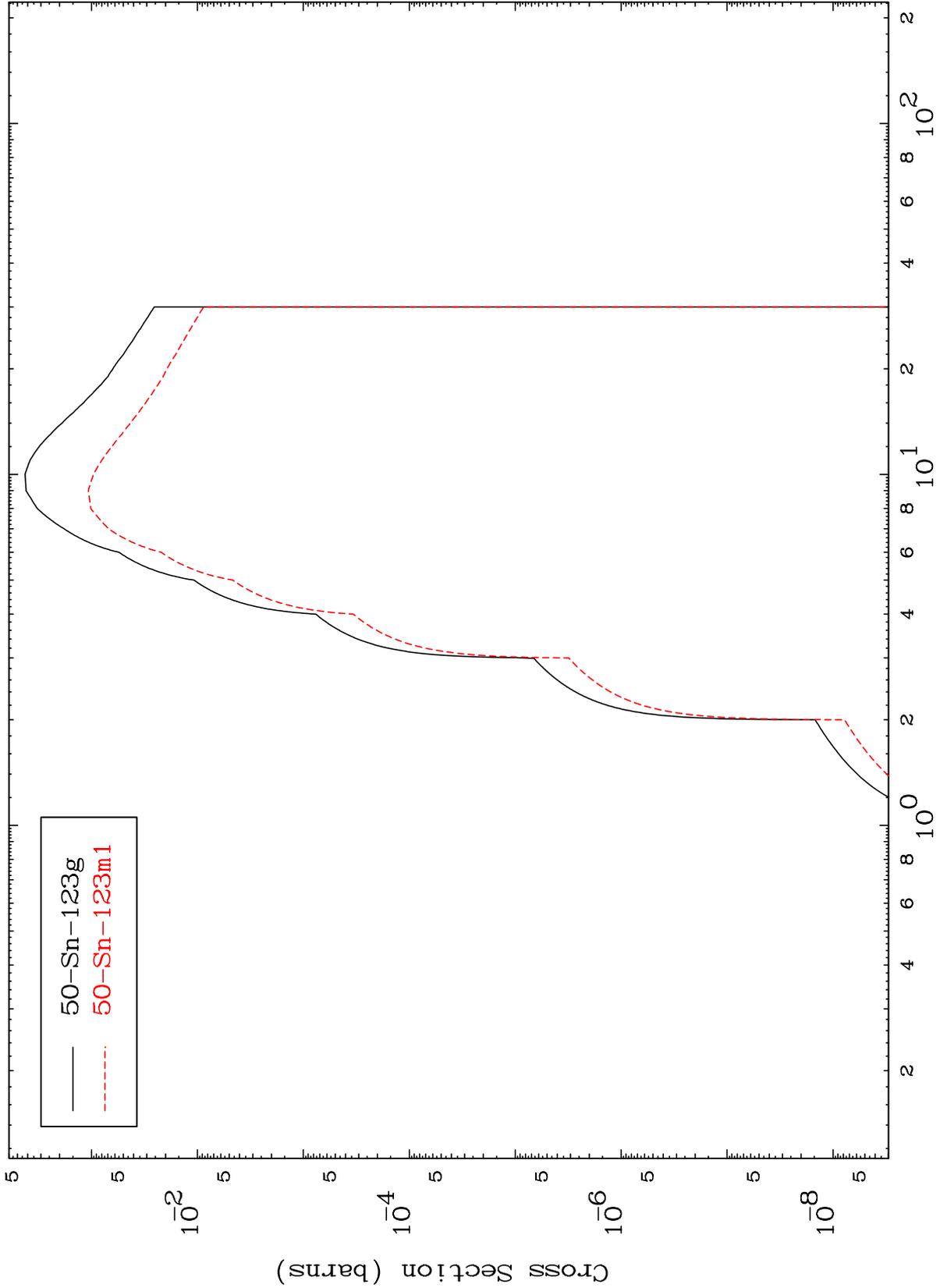
49-In-123

MAT 4955

(n,2n)

49-In-123

Radionuclide Production Cross Section

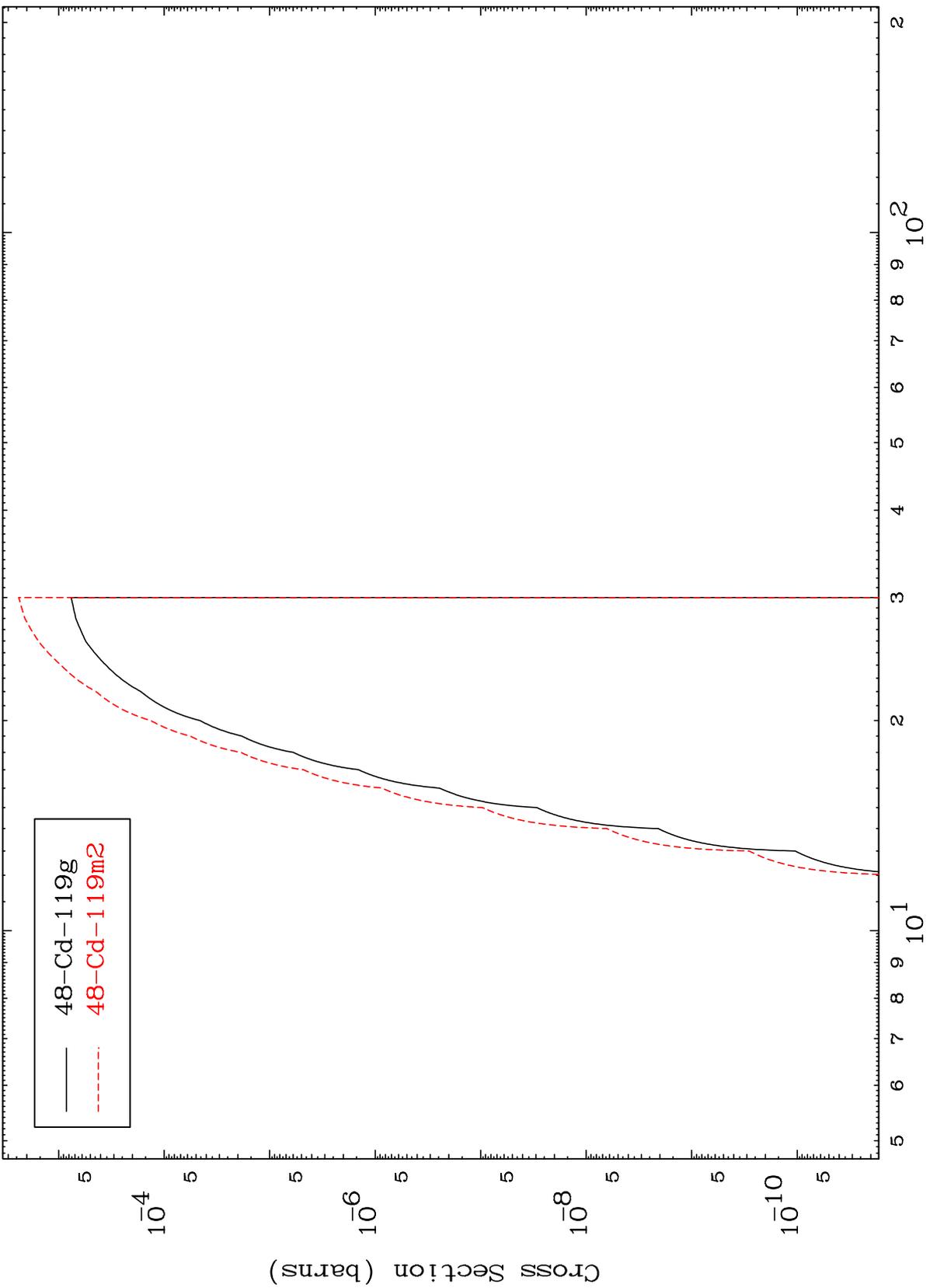


MAT 4955

(n,2n) α

49-In-123

Radionuclide Production Cross Section



14

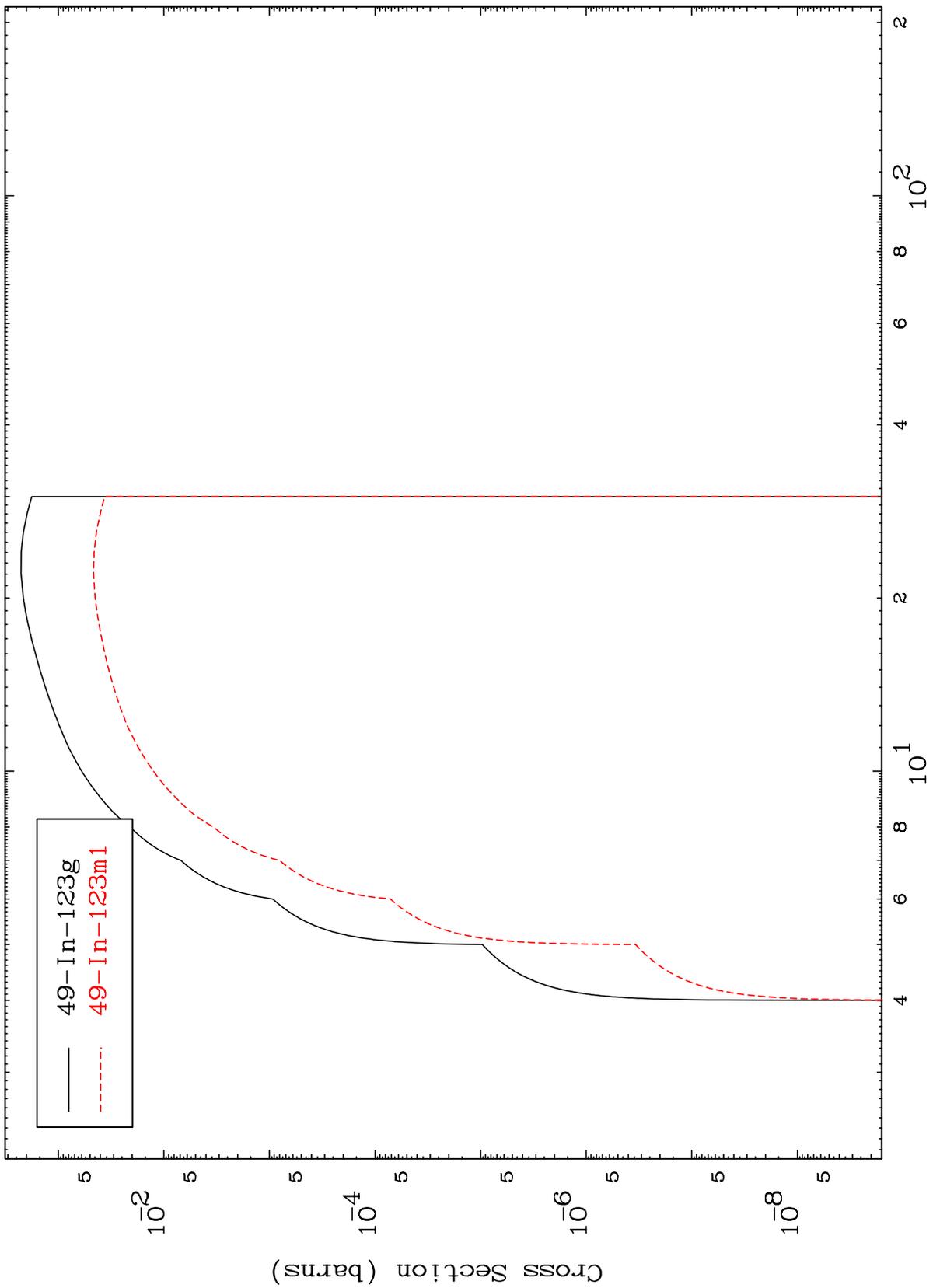
Incident Energy (MeV)

49-In-123

MAT 4955

49-In-123

Radionuclide Production Cross Section



— 49-In-123g
- - - 49-In-123m1

15

Incident Energy (MeV)

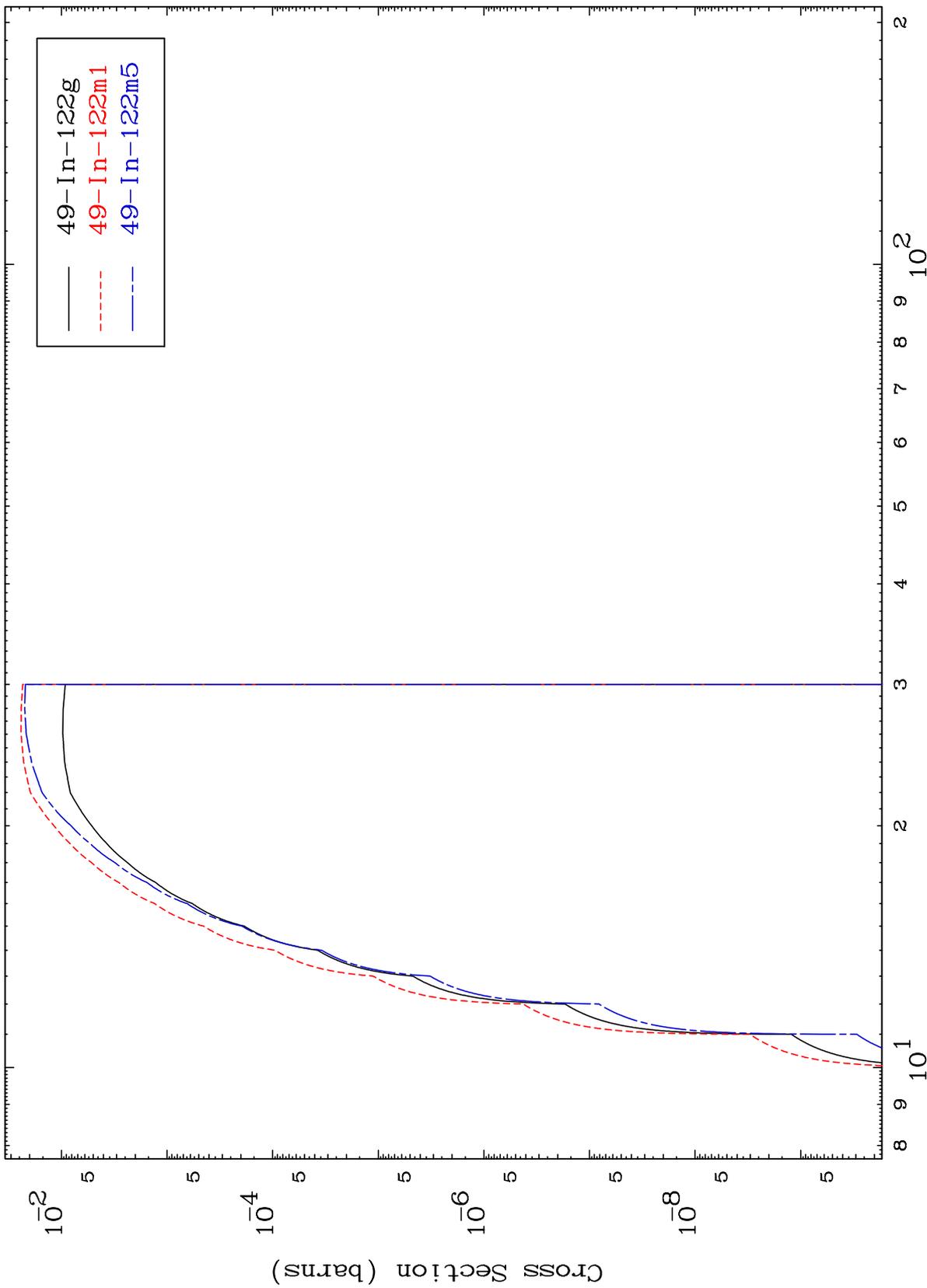
49-In-123

MAT 4955

(n,n') d

49-In-123

Radionuclide Production Cross Section



16

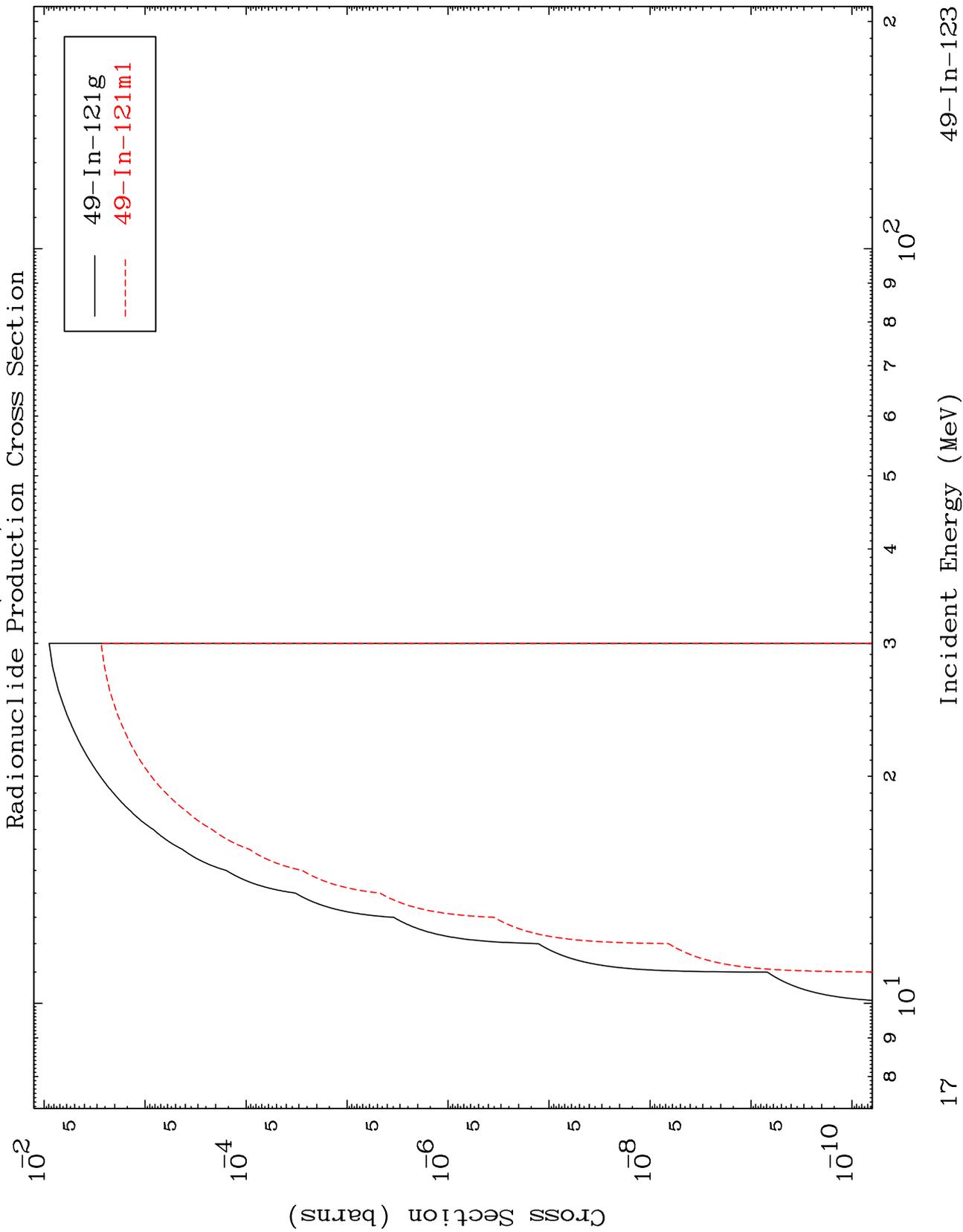
Incident Energy (MeV)

49-In-123

MAT 4955

(n,n') t

49-In-123



17

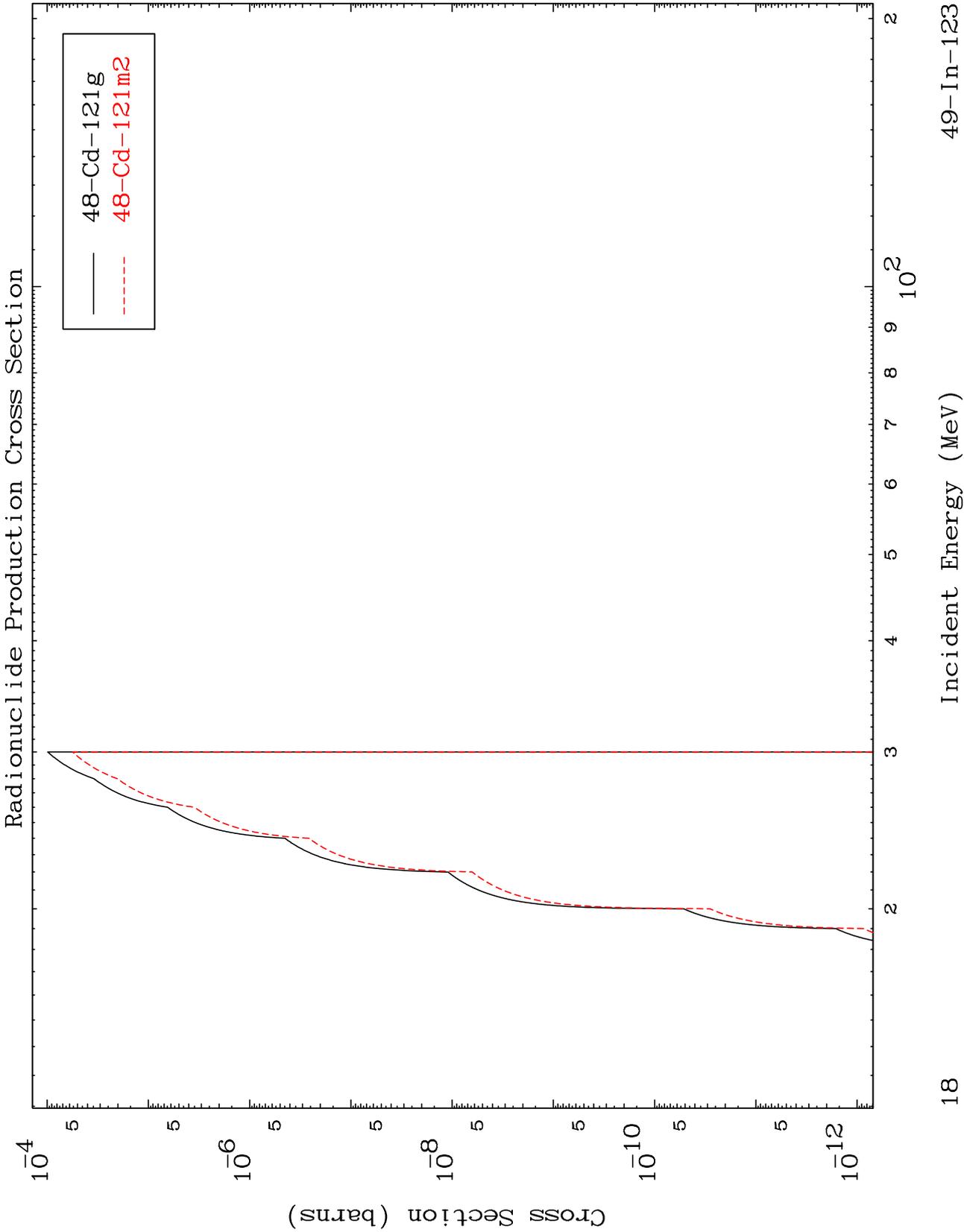
Incident Energy (MeV)

49-In-123

MAT 4955

(n,n') He-3

49-In-123

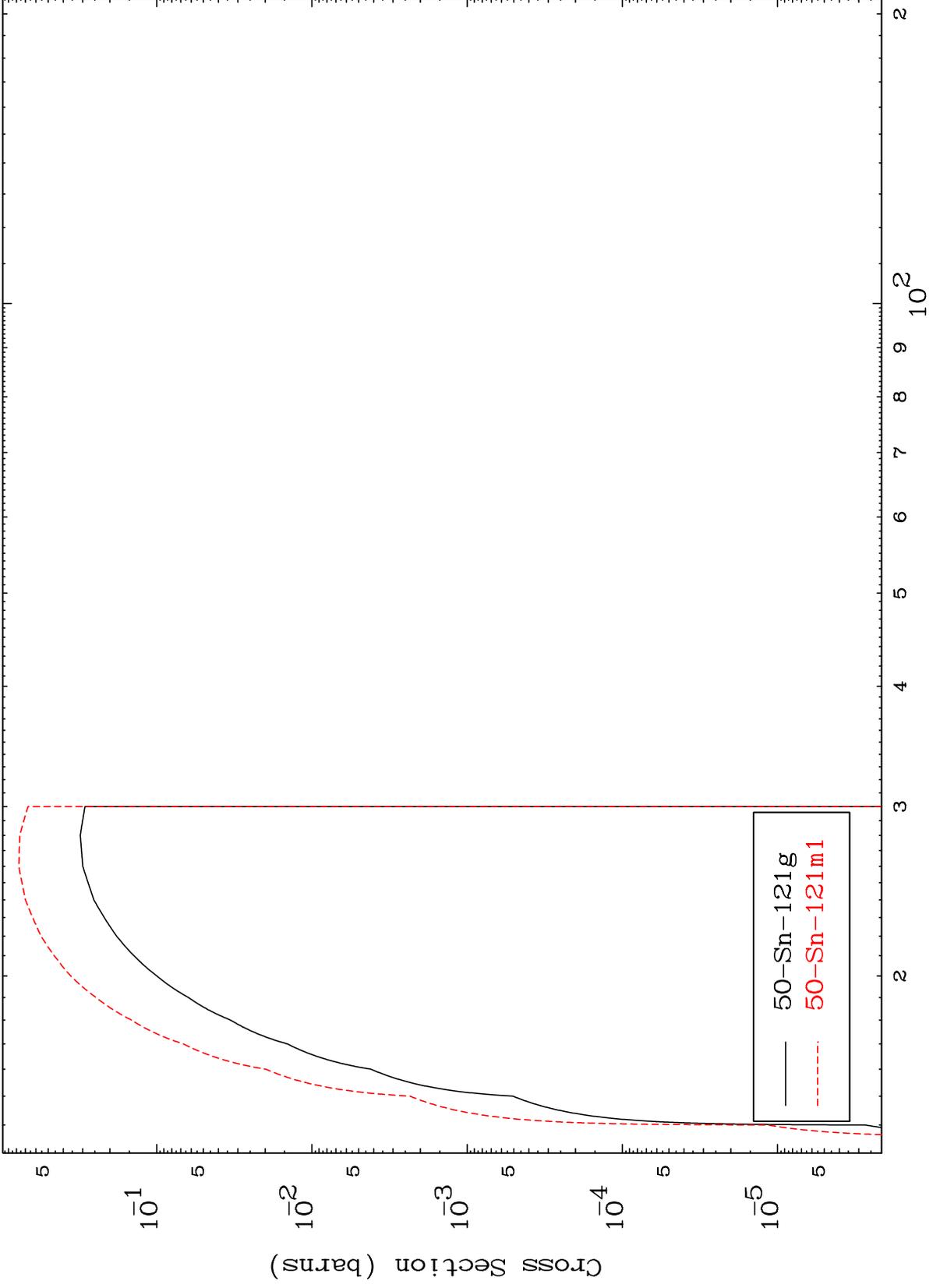


18

49-In-123

49-In-123

Radionuclide Production Cross Section

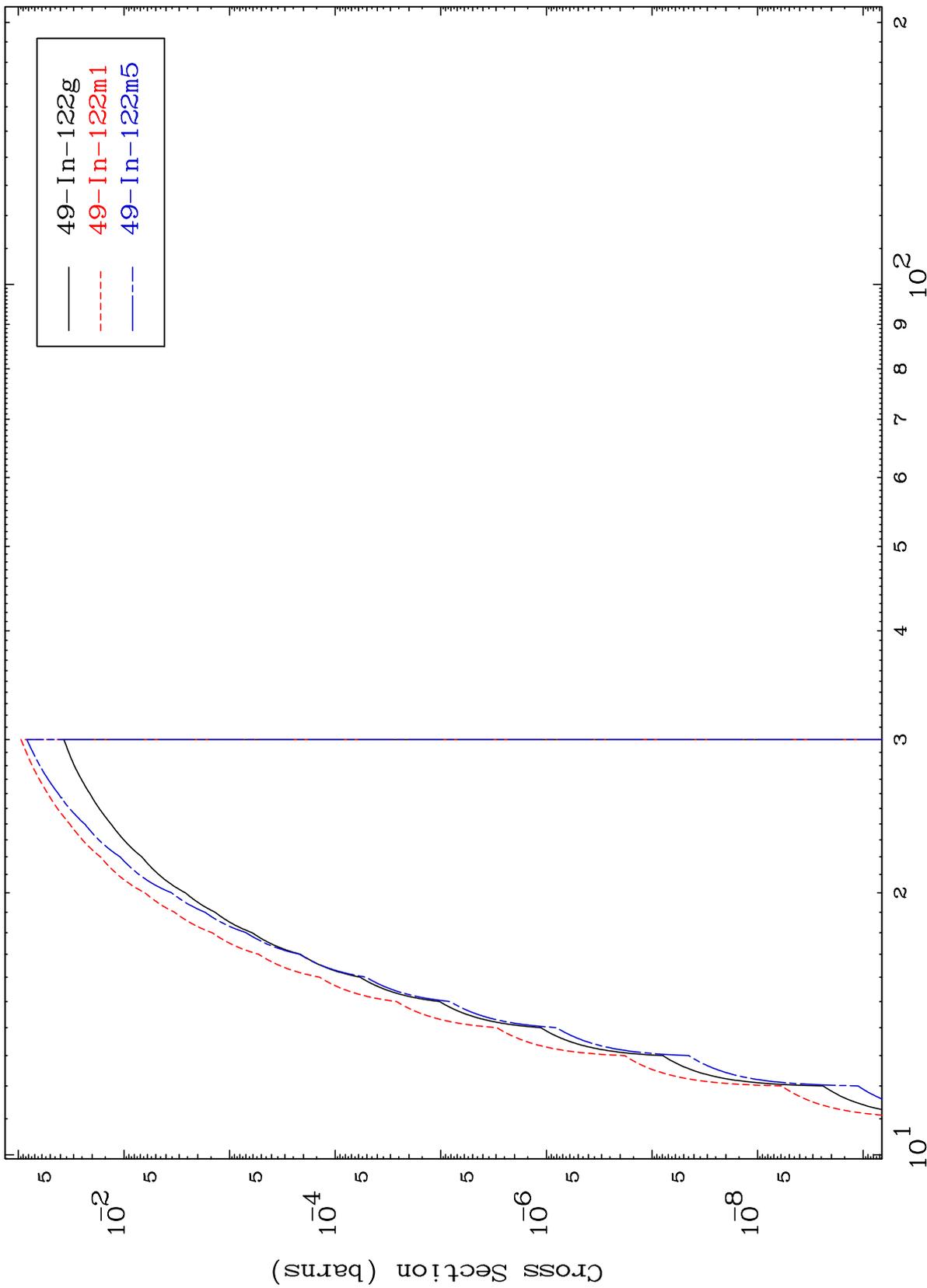


MAT 4955

(n,2n) p

49-In-123

Radionuclide Production Cross Section



Incident Energy (MeV)

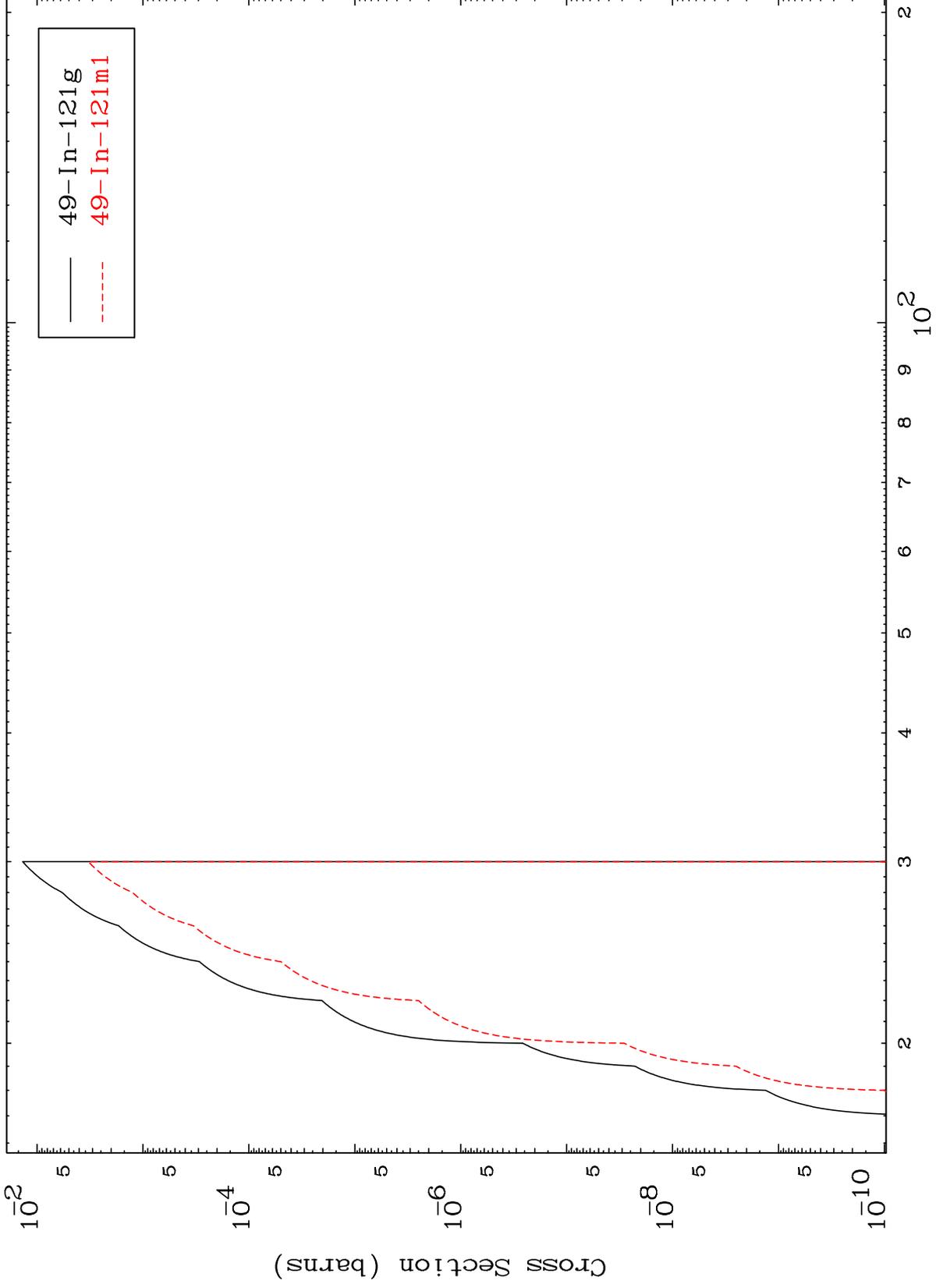
49-In-123

MAT 4955

(n,3n) p

49-In-123

Radionuclide Production Cross Section

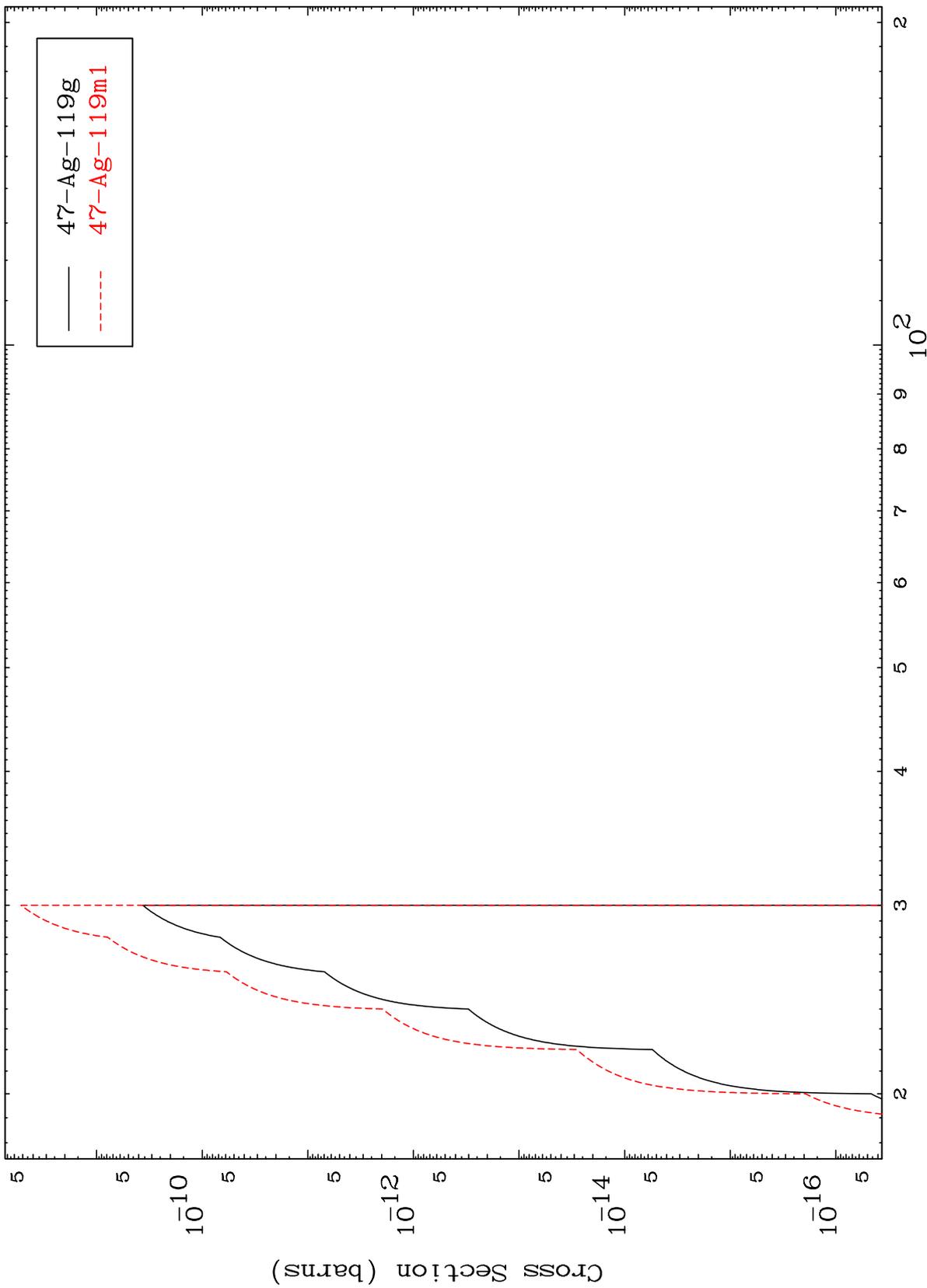


21

Incident Energy (MeV)

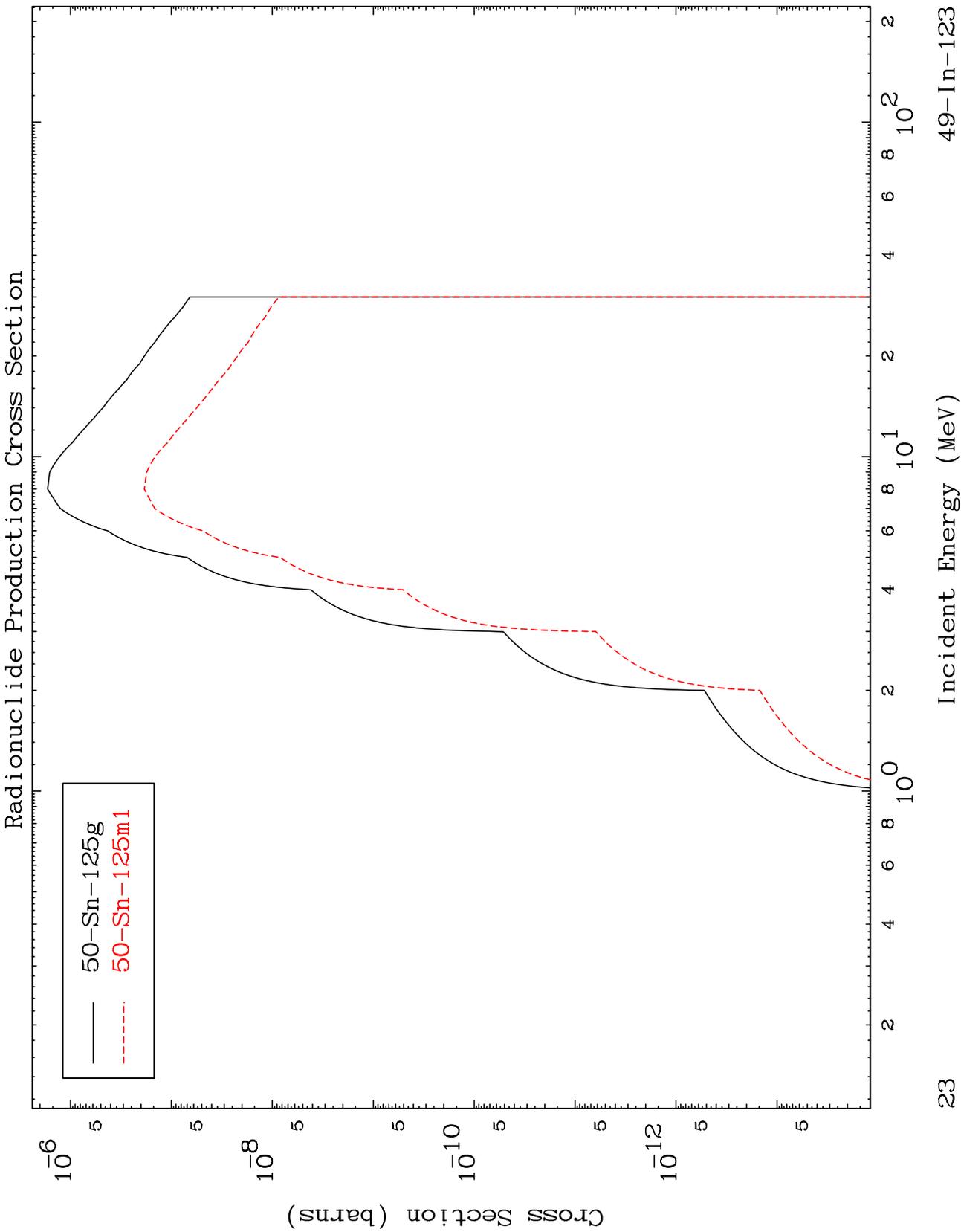
49-In-123

Radionuclide Production Cross Section



MAT 4955

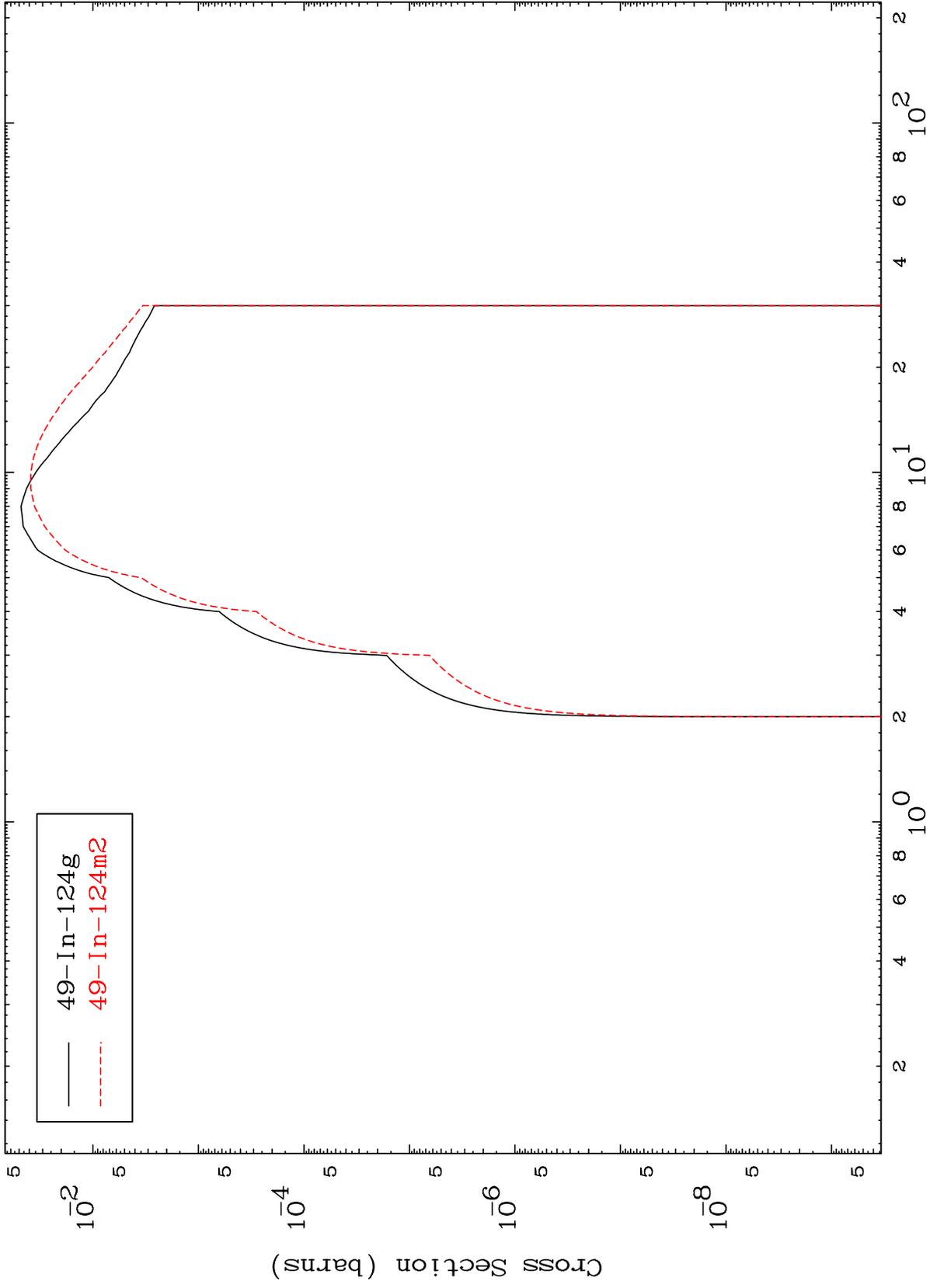
49-In-123



MAT 4955

49-In-123

(n,p)
Radionuclide Production Cross Section



— 49-In-124g
- - - 49-In-124m2

24

49-In-123

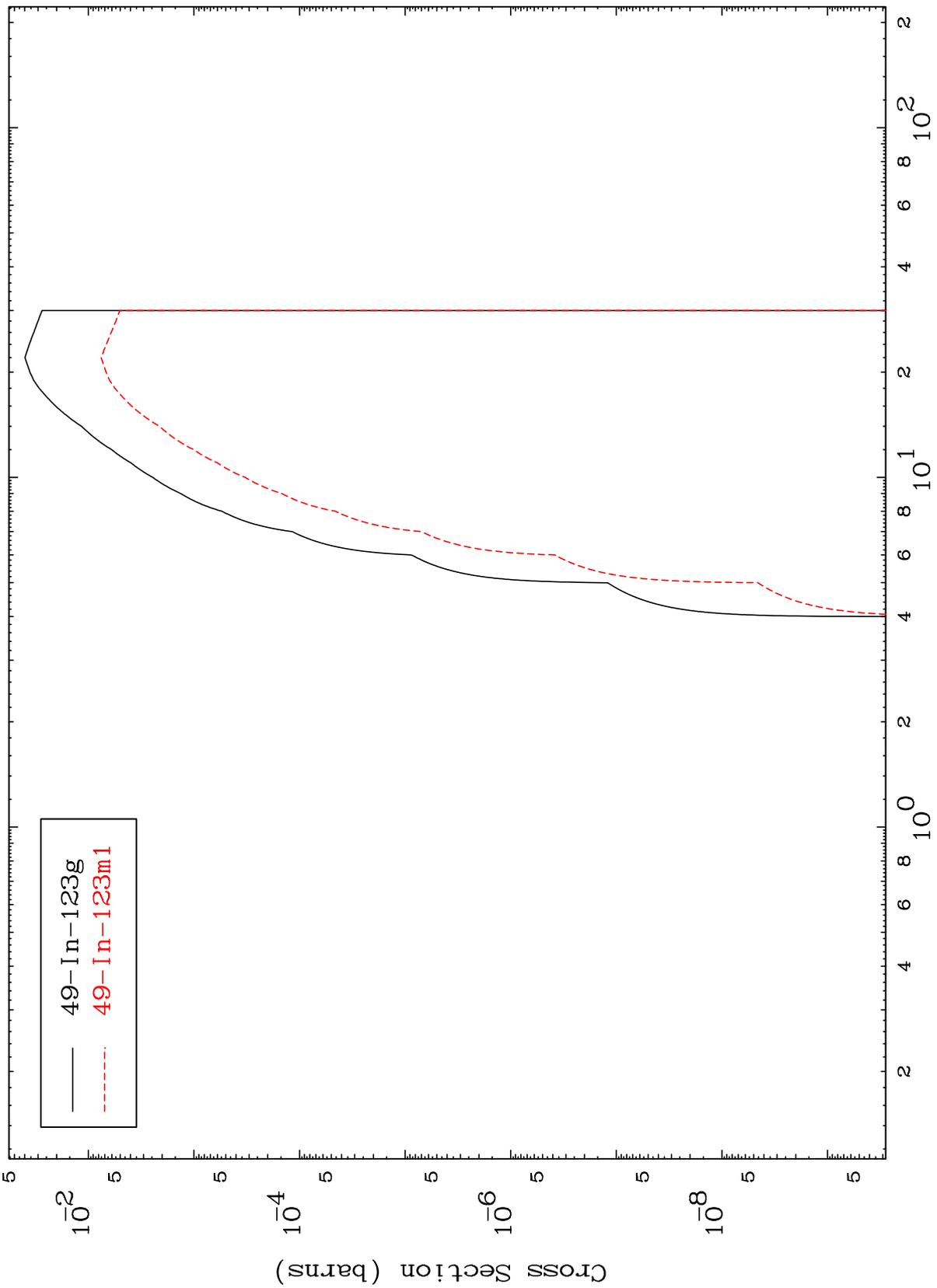
Incident Energy (MeV)

MAT 4955

(n,d)

49-In-123

Radionuclide Production Cross Section



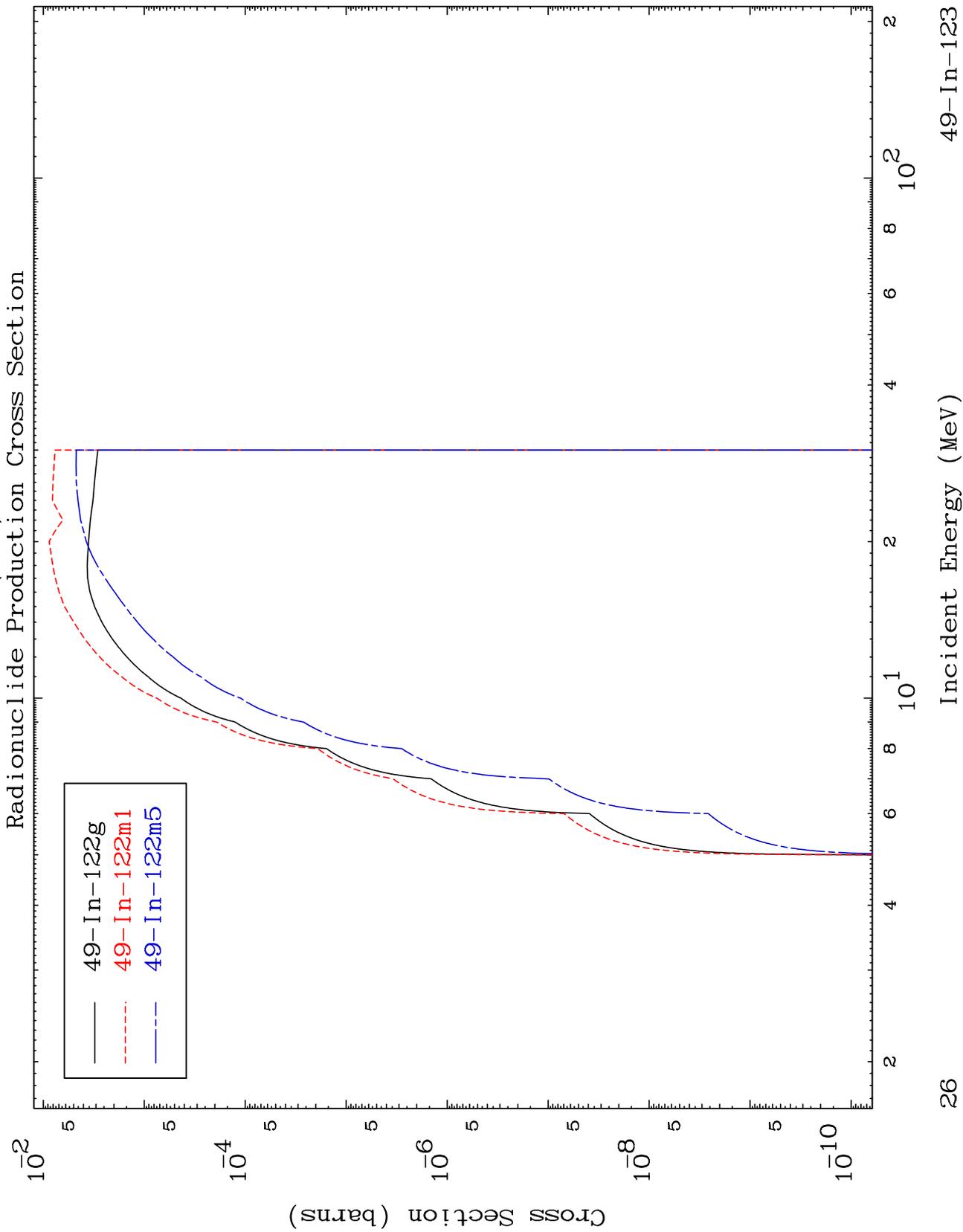
25

Incident Energy (MeV)

49-In-123

MAT 4955

49-In-123



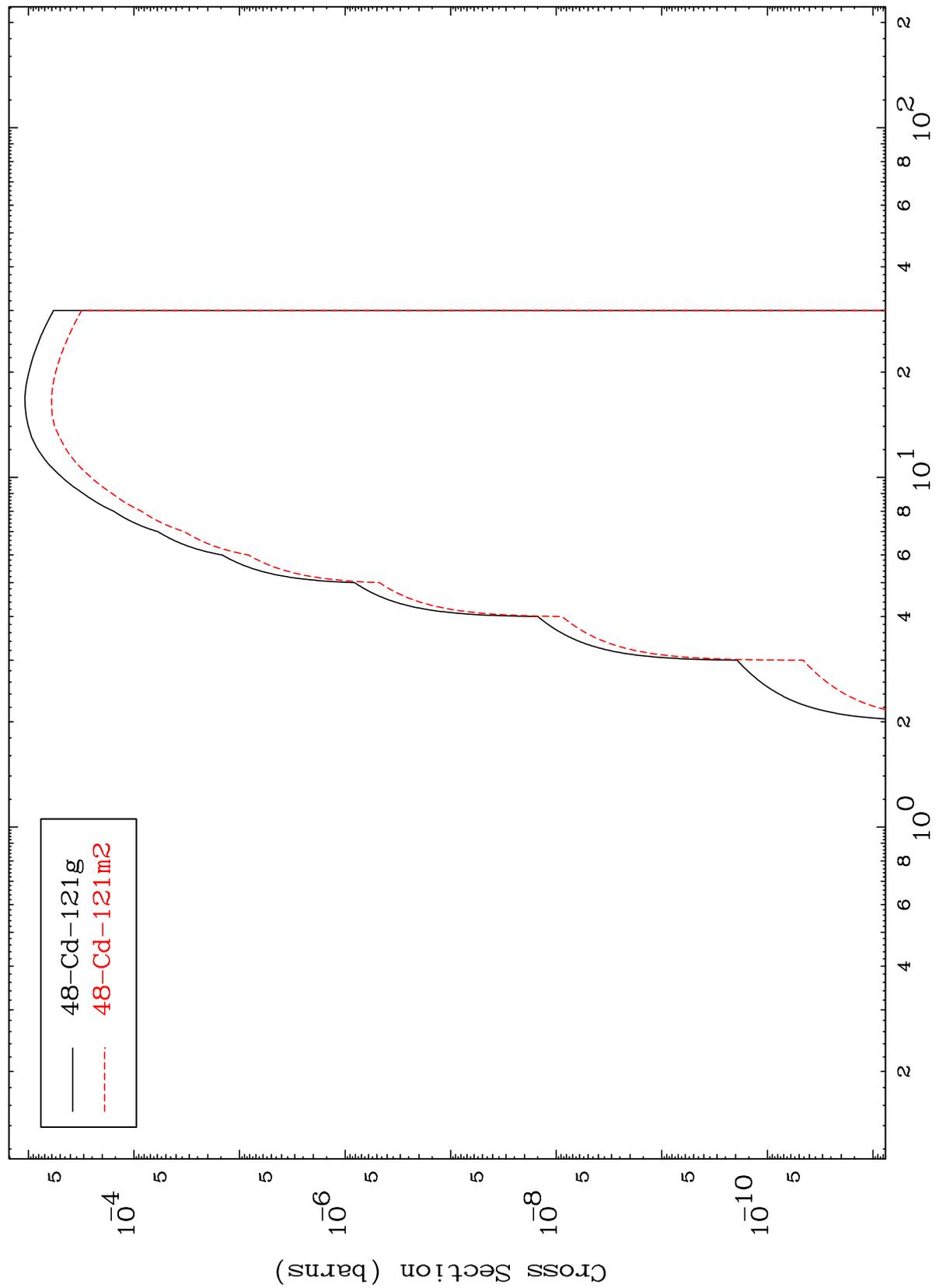
26

49-In-123

MAT 4955

49-In-123

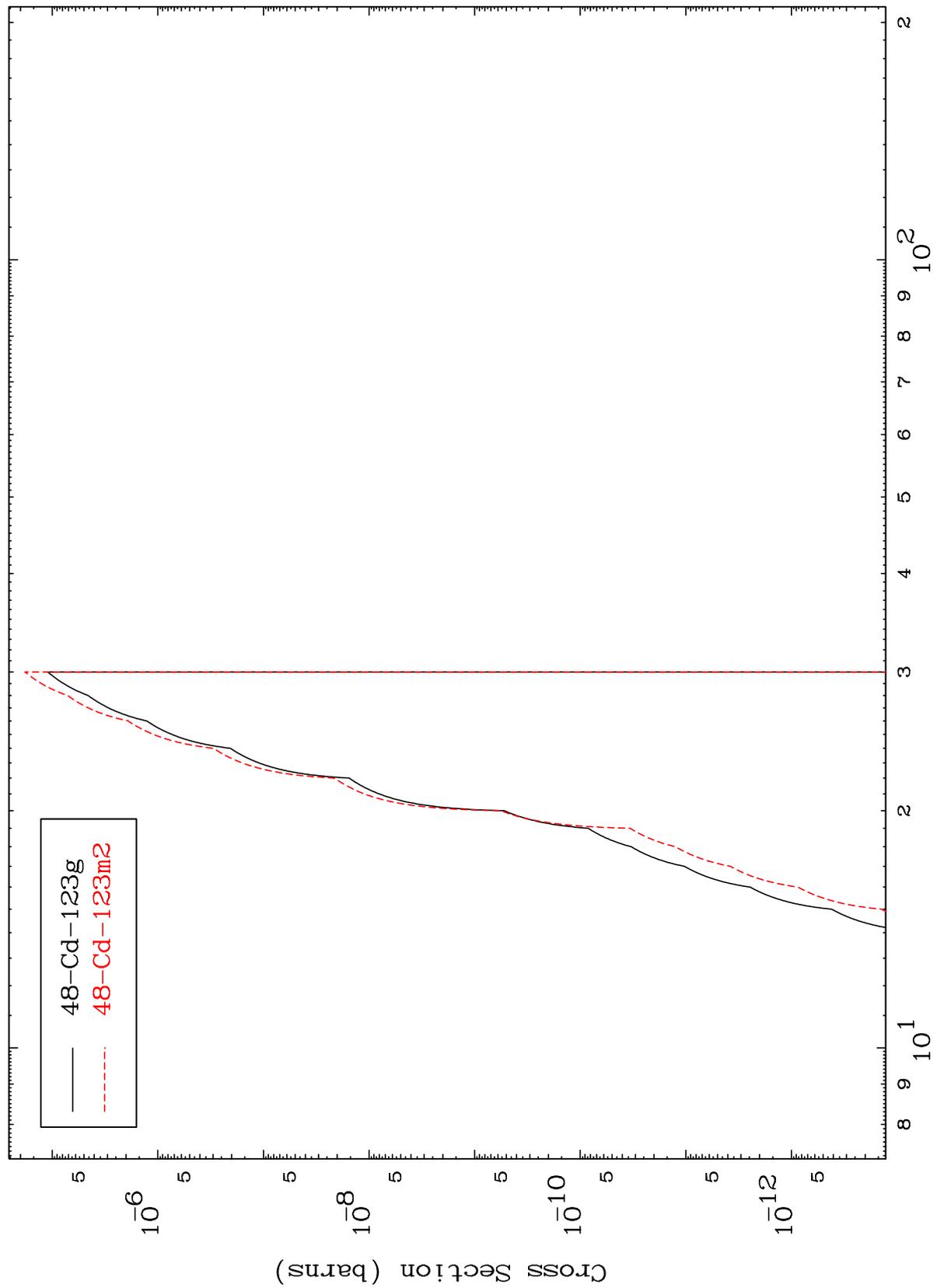
(n, α)
Radionuclide Production Cross Section



MAT 4955

49-In-123

Radionuclide Production Cross Section
(n,2p)



48-Cd-123g
48-Cd-123m2

28

Incident Energy (MeV)

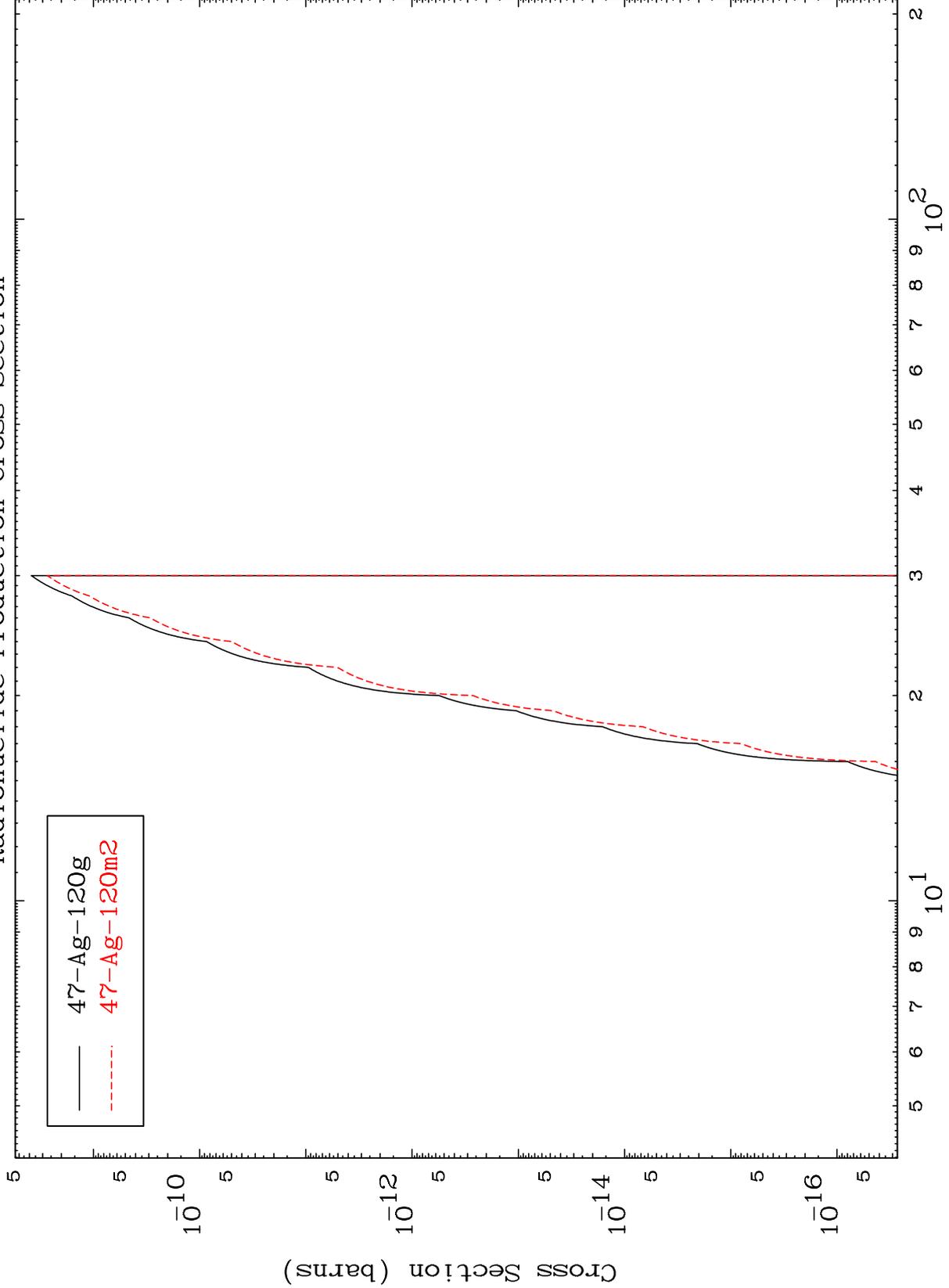
49-In-123

MAT 4955

(n,p) α

49-In-123

Radionuclide Production Cross Section

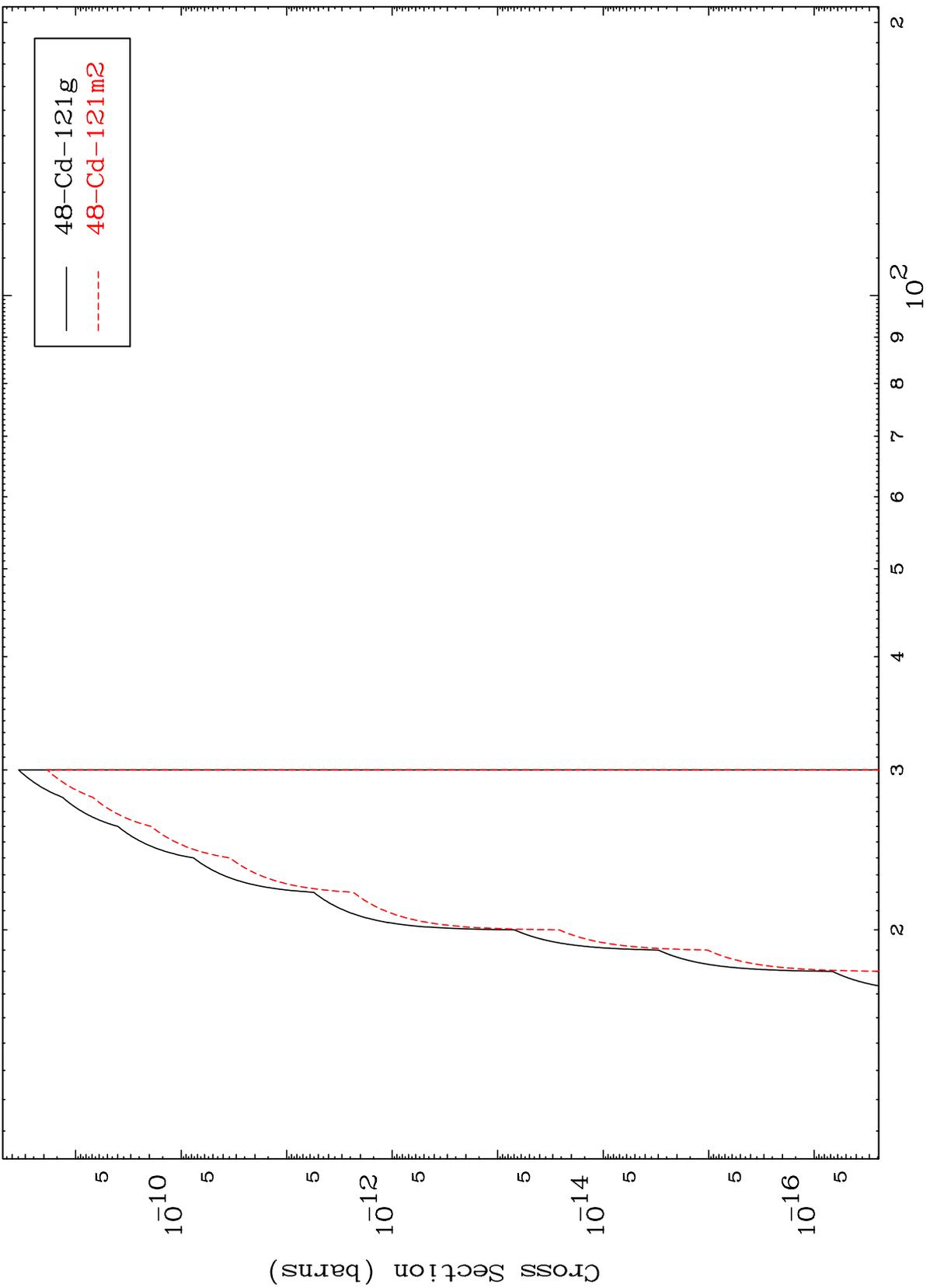


29

Incident Energy (MeV)

49-In-123

Radionuclide Production Cross Section



48-Cd-121g
48-Cd-121m2

MAT 4955

(n,d) α

49-In-123

Radionuclide Production Cross Section

