

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

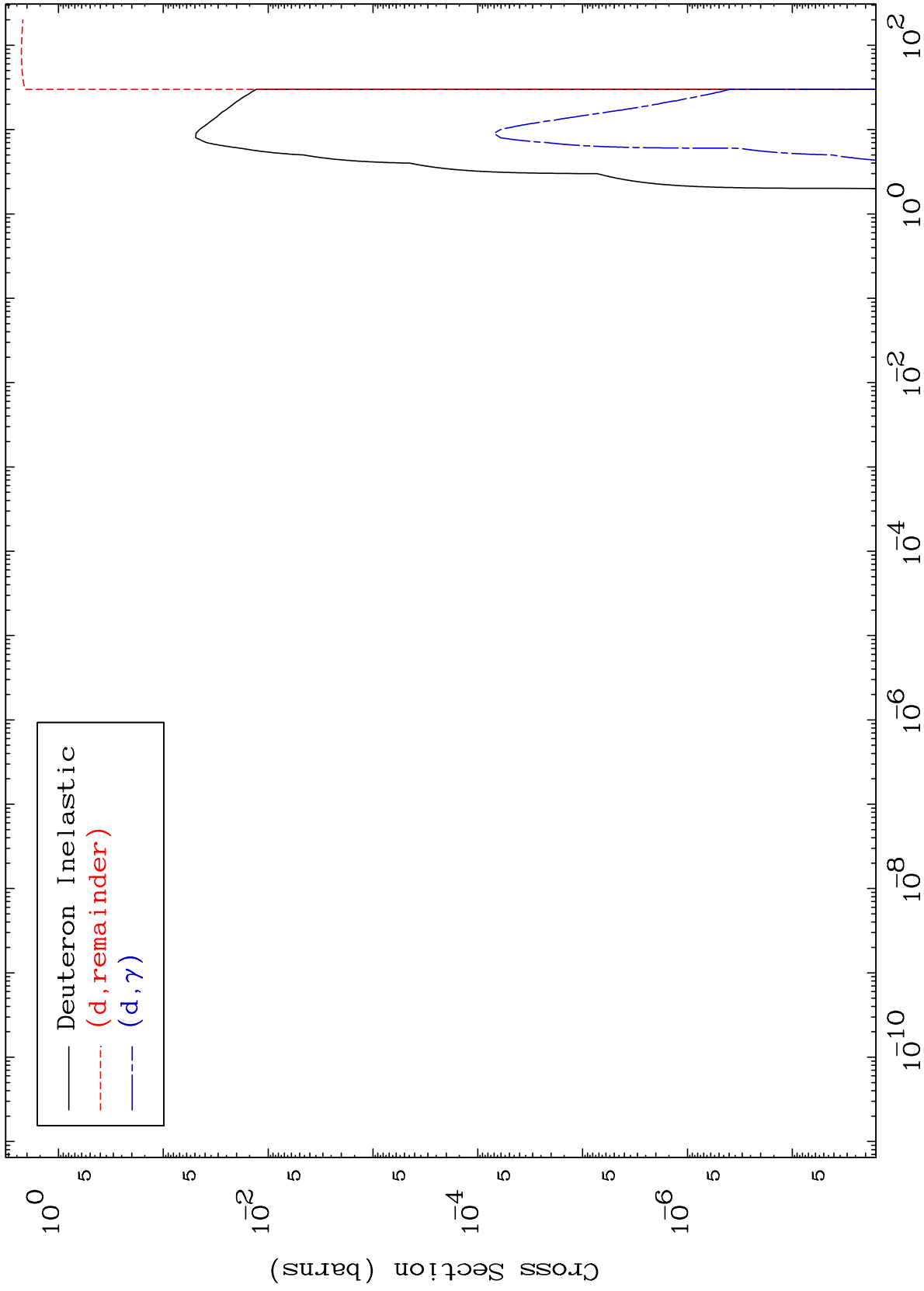
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4847

Deuteron Major
0 Kelvin Cross Sections

48-Cd-113



1

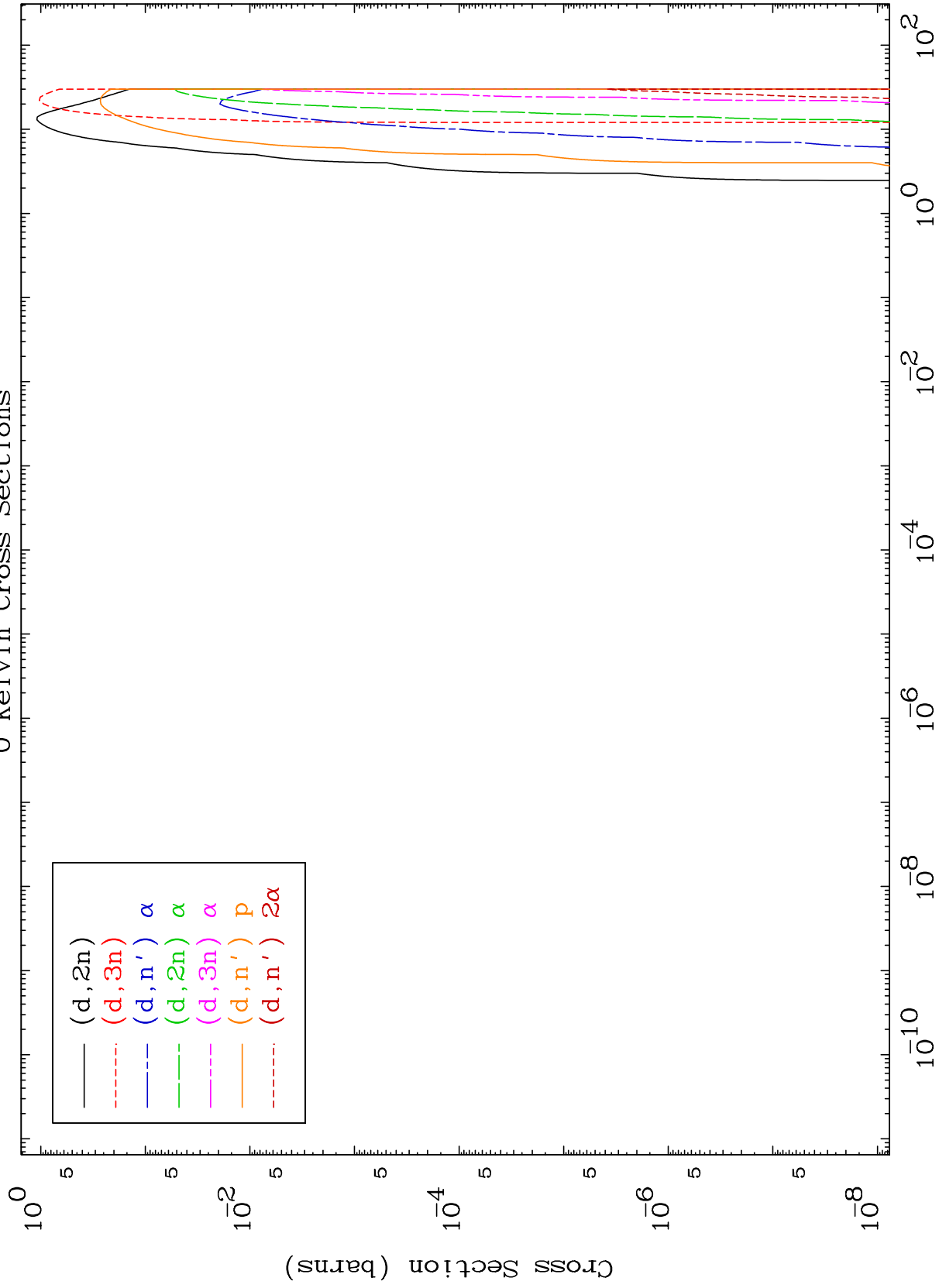
Incident Energy (MeV)

48-Cd-113

MAT 4847

Deuteron Neutron Production
0 Kelvin Cross Sections

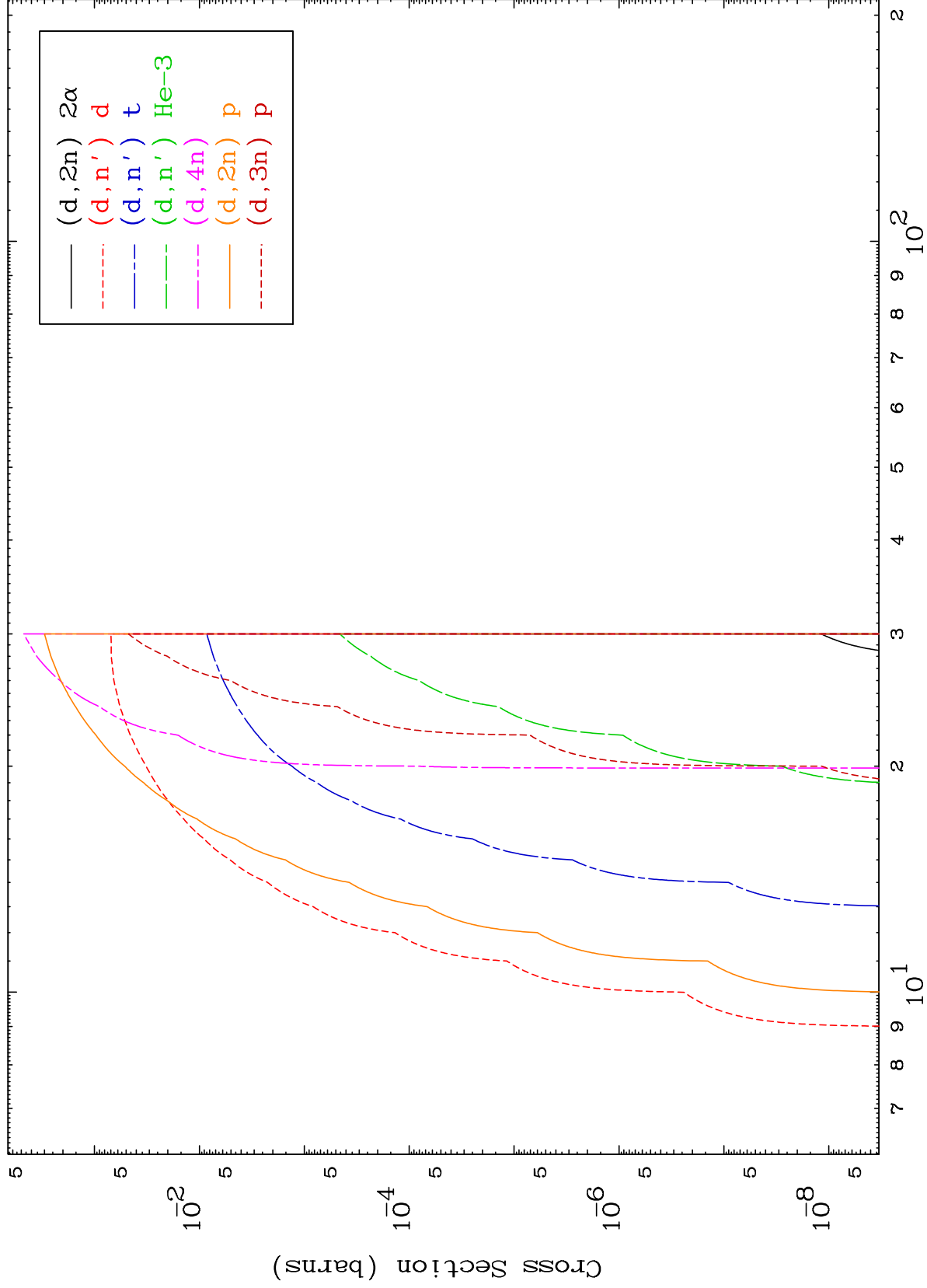
48-Cd-113



2

Incident Energy (MeV)

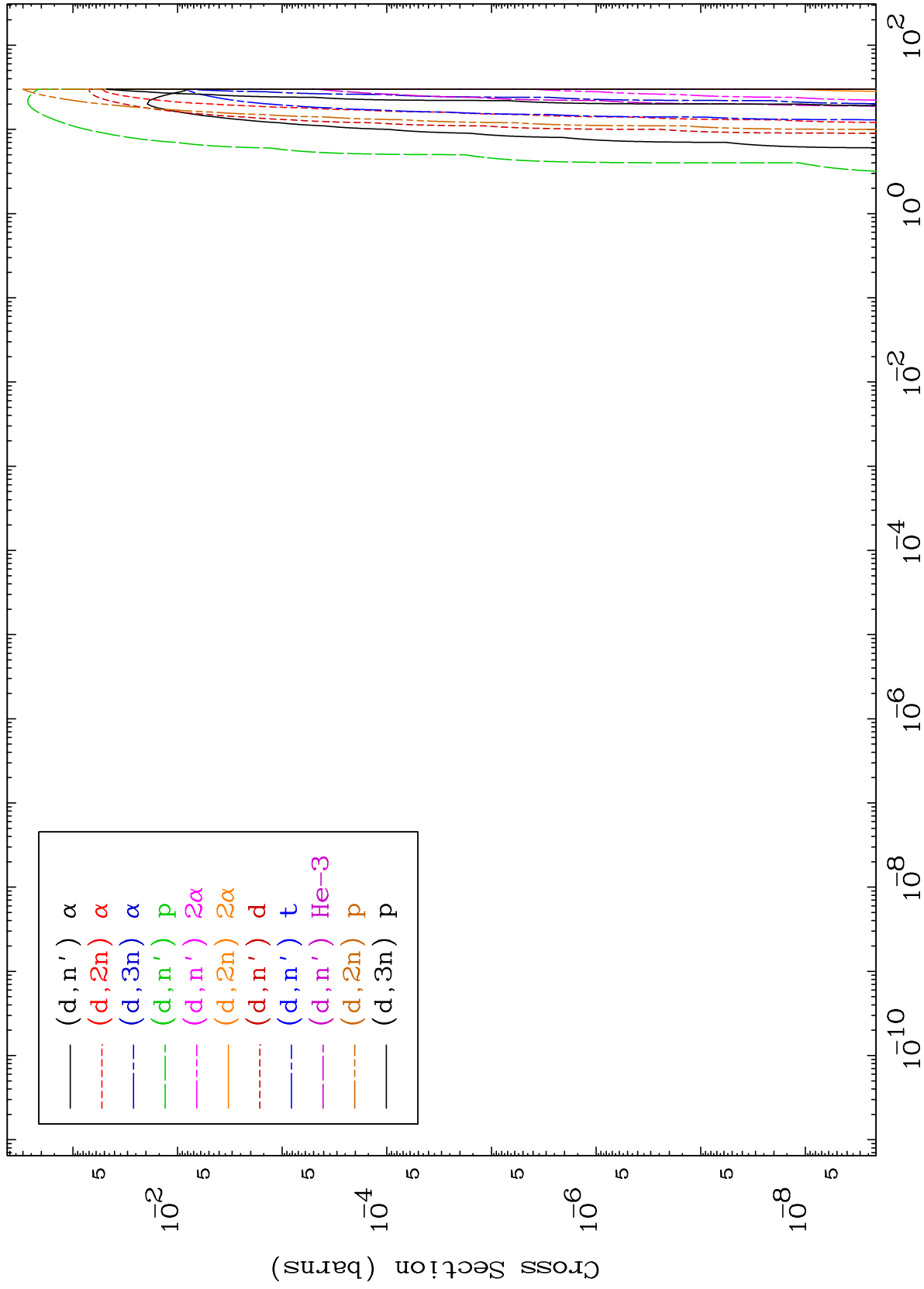
48-Cd-113



MAT 4847

Deuteron Charged Particle
0 Kelvin Cross Sections

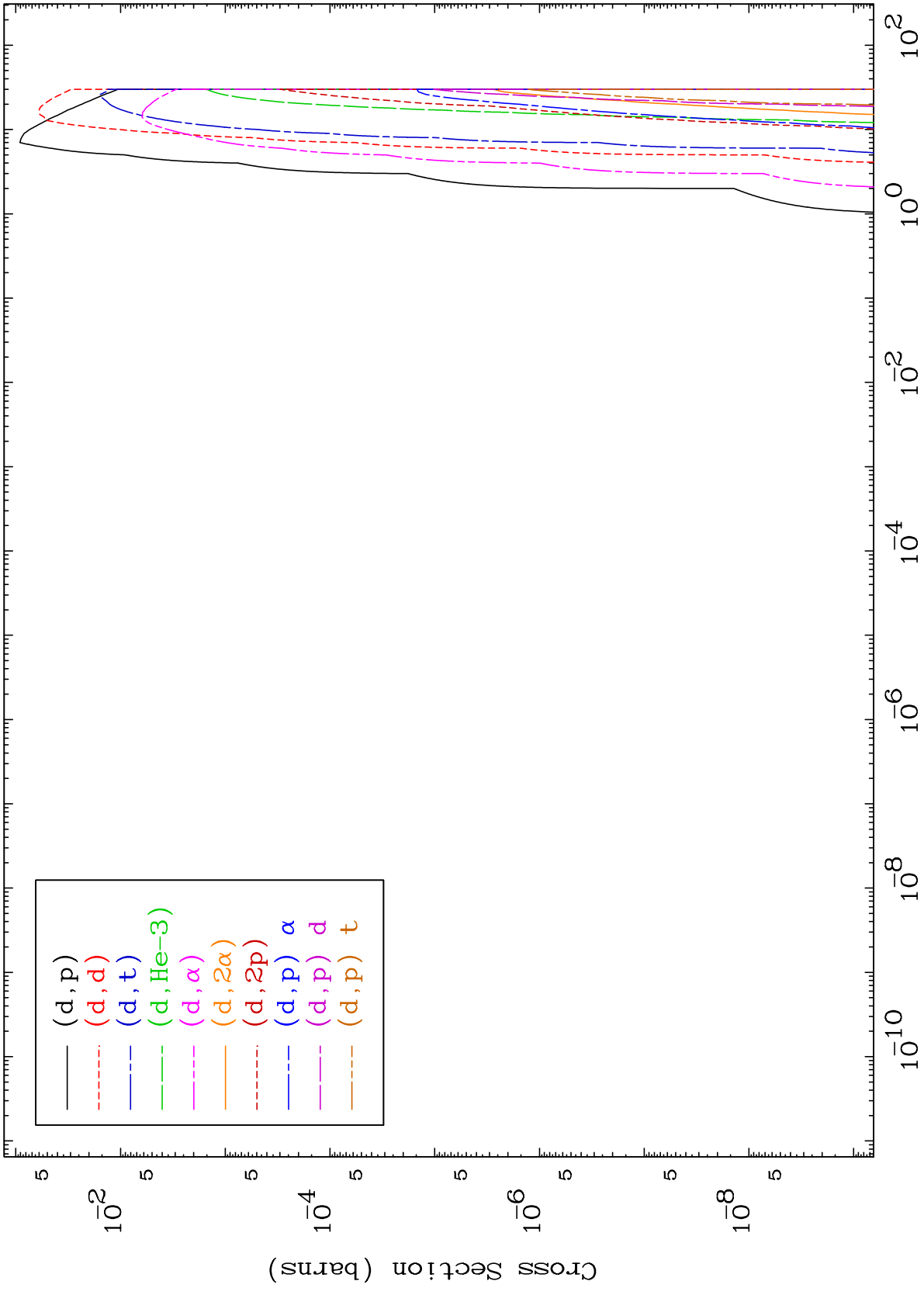
48-Cd-113



MAT 4847

Deuteron Charged Particle
0 Kelvin Cross Sections

48-Cd-113



5

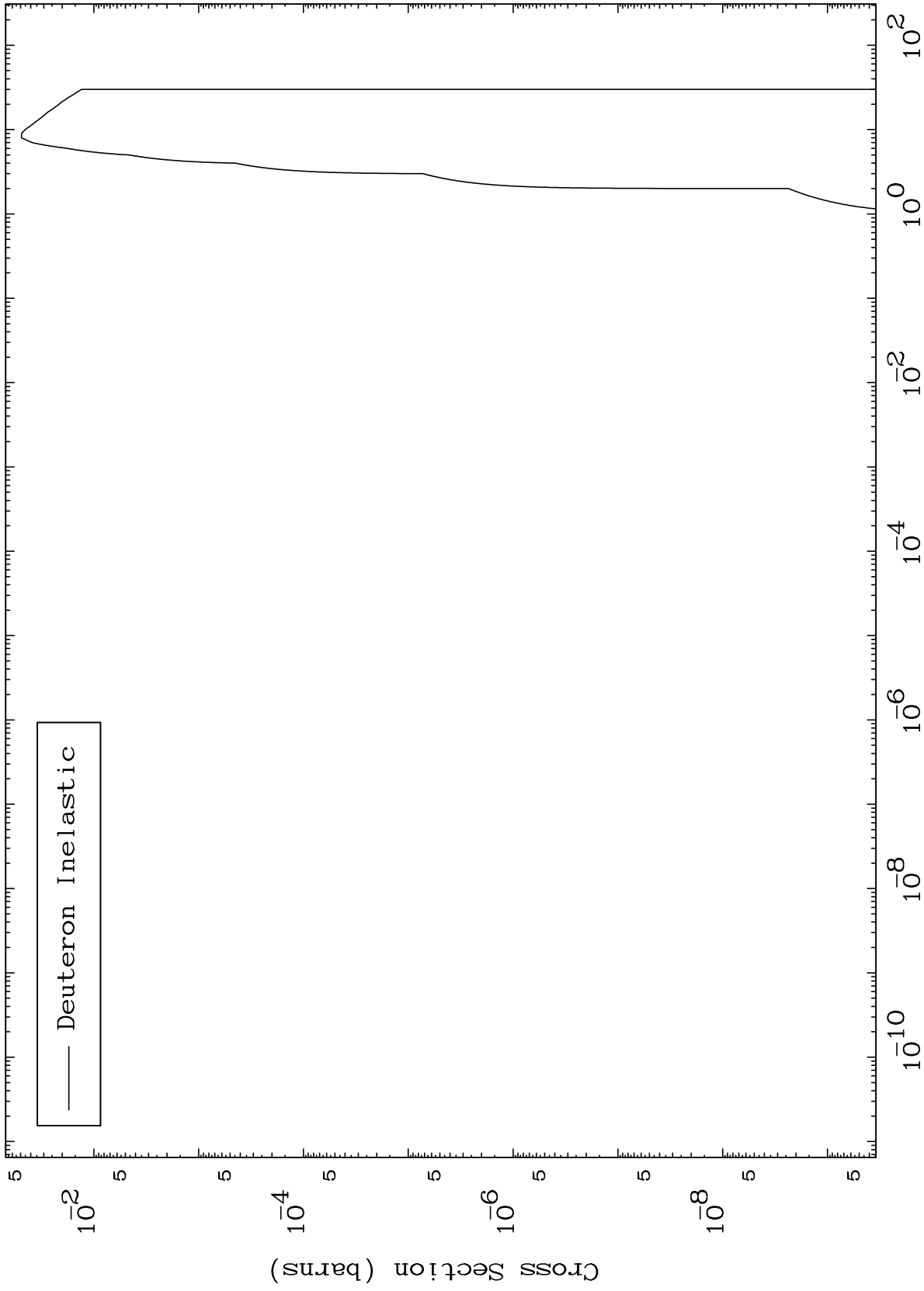
Incident Energy (MeV)

48-Cd-113

MAT 4847

(d,n') Level
0 Kelvin Cross Sections

48-Cd-113



6

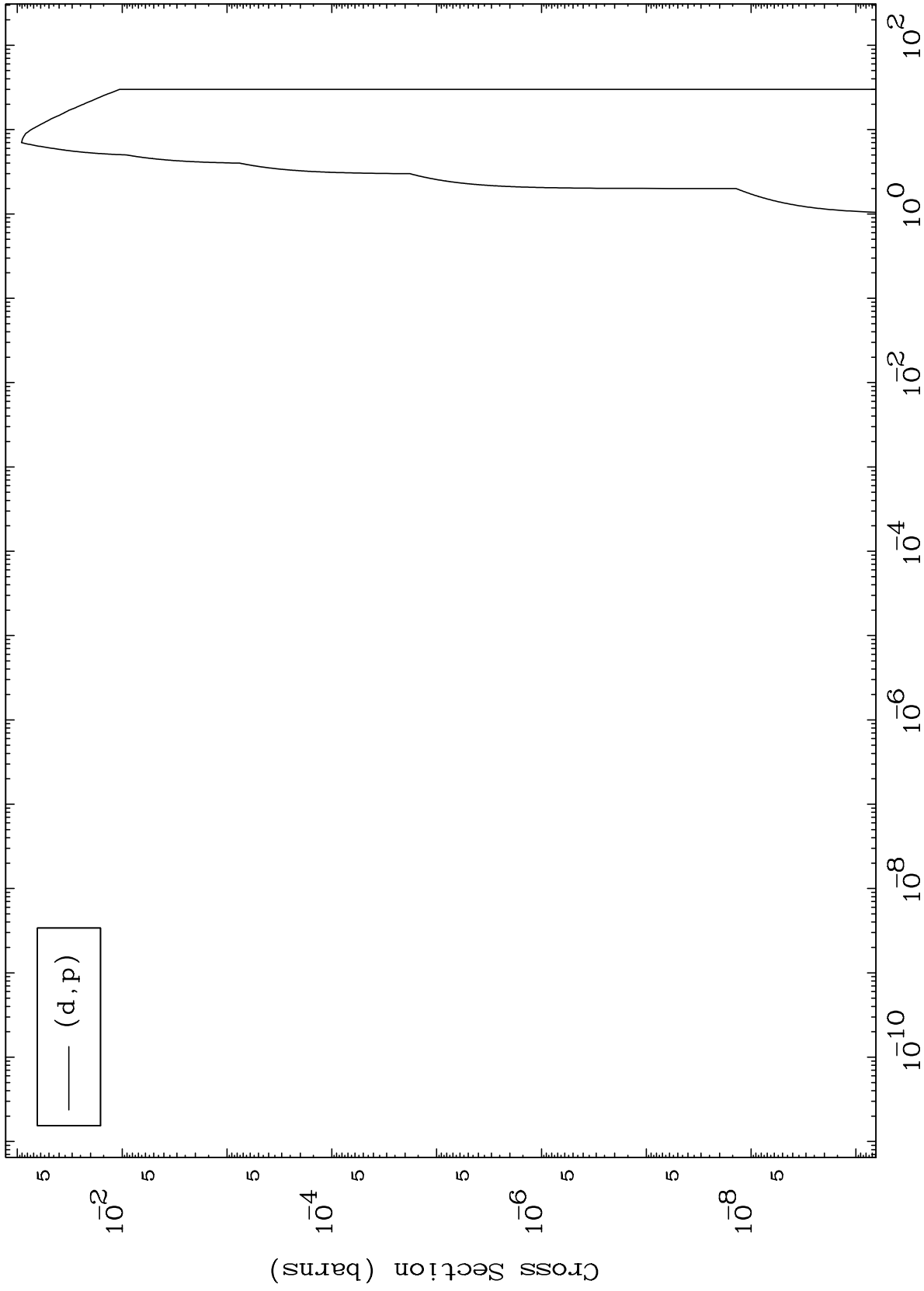
Incident Energy (MeV)

48-Cd-113

MAT 4847

(d,p) Levels
0 Kelvin Cross Sections

48-Cd-113



7

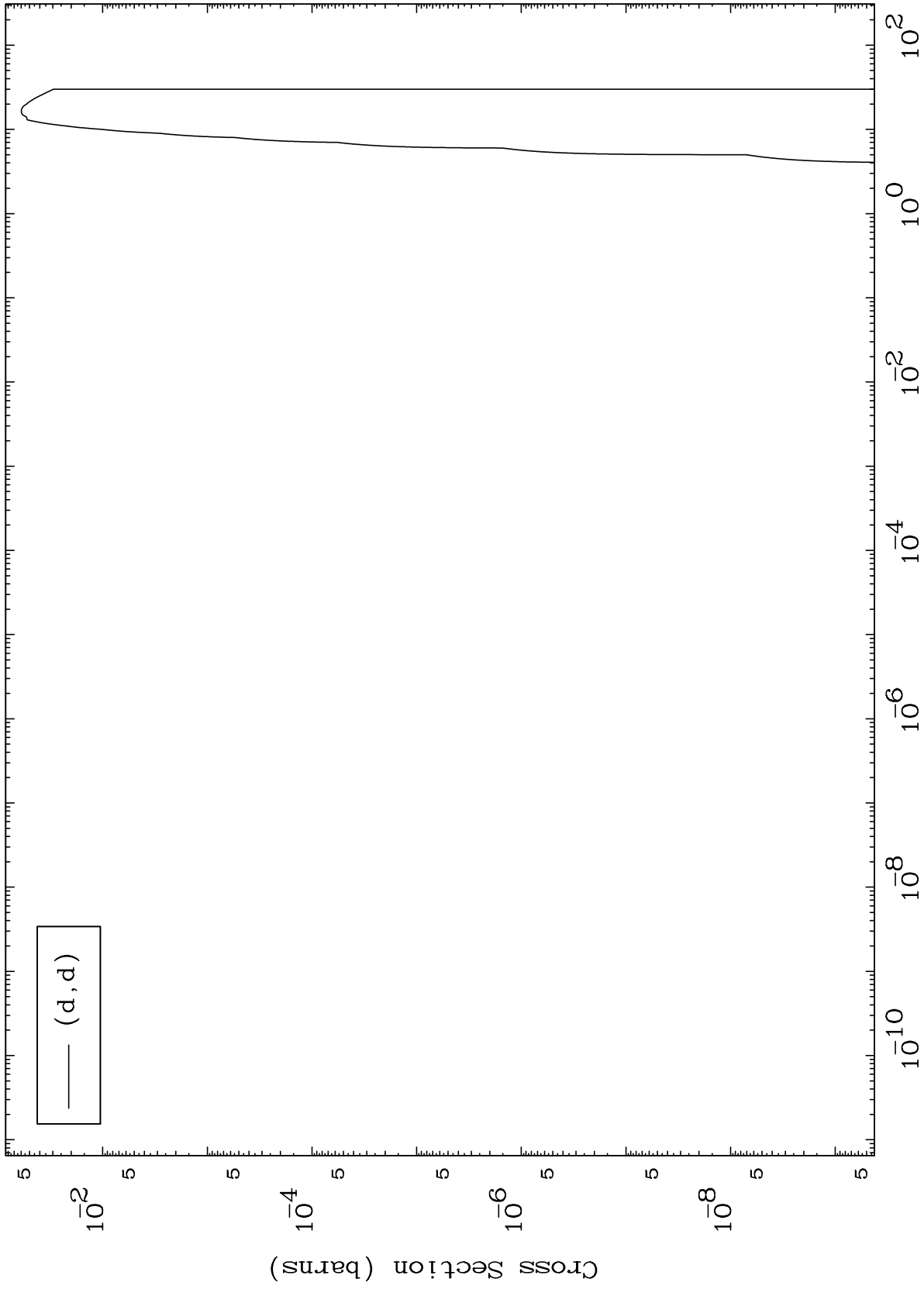
Incident Energy (MeV)

48-Cd-113

MAT 4847

(d,d) Levels
0 Kelvin Cross Sections

48-Cd-113



8

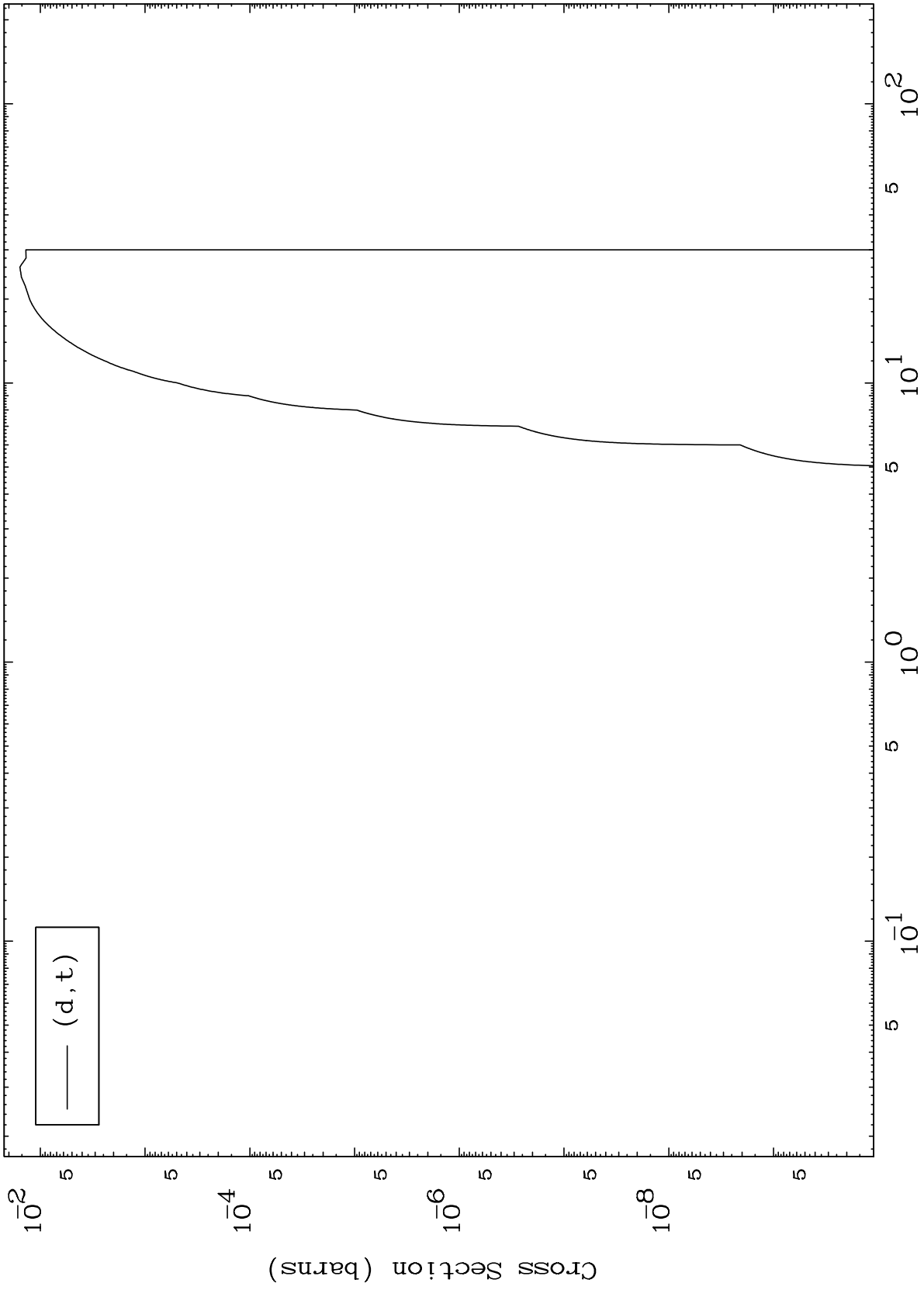
Incident Energy (MeV)

48-Cd-113

MAT 4847

(d,t) Levels
0 Kelvin Cross Sections

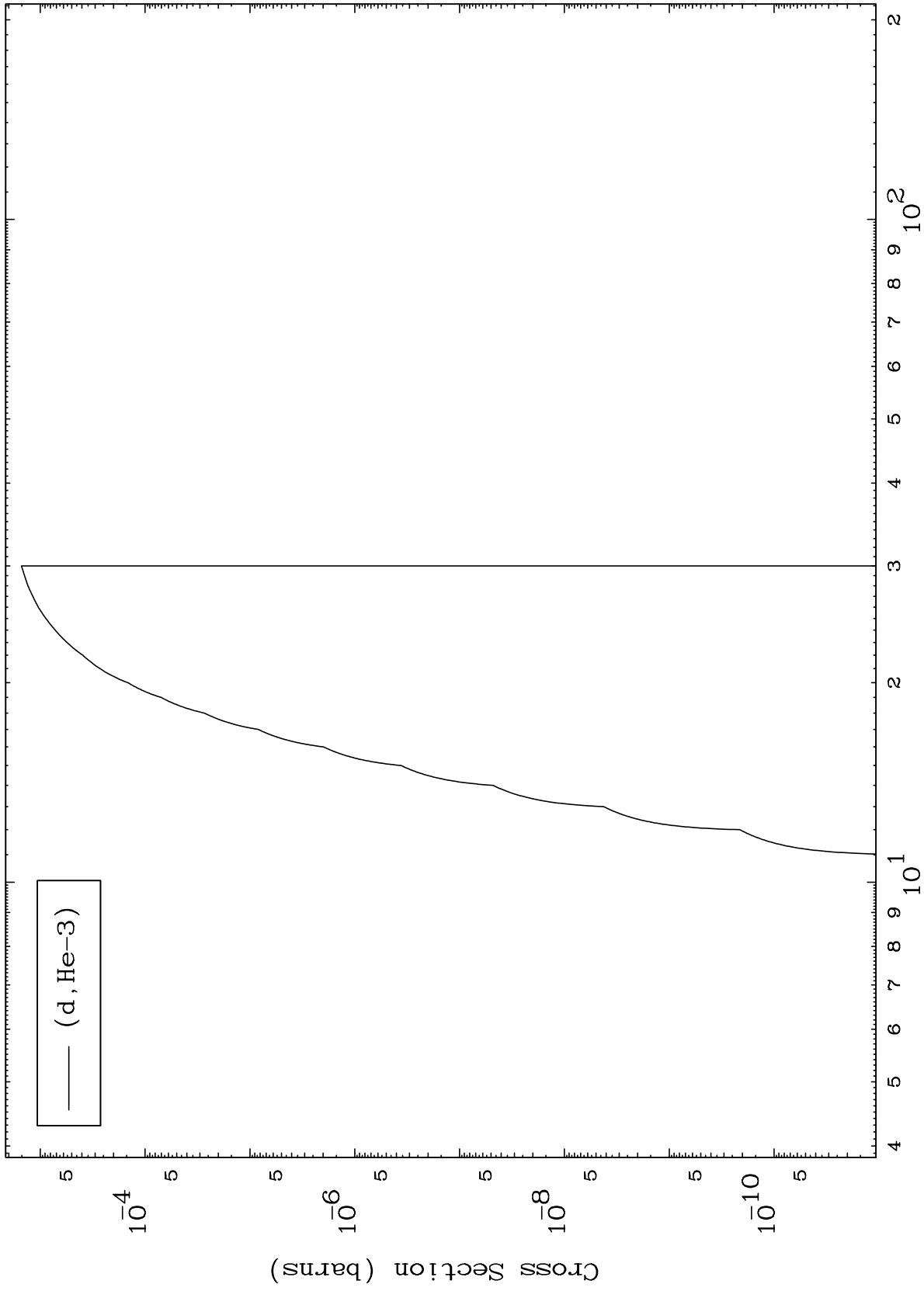
48-Cd-113



MAT 4847

(d,He3) Levels
0 Kelvin Cross Sections

48-Cd-113



10

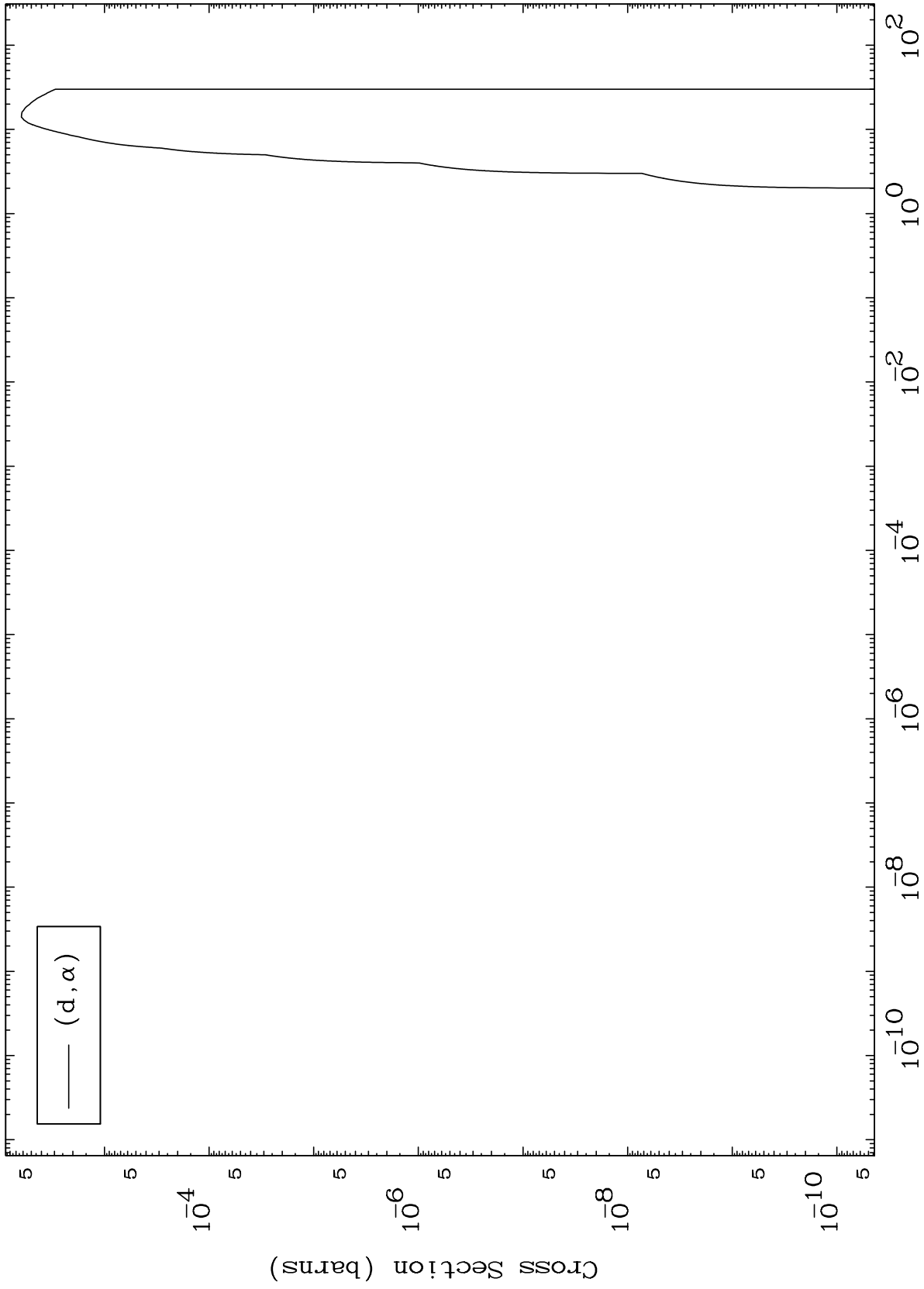
Incident Energy (MeV)

48-Cd-113

MAT 4847

(d, α) Levels
0 Kelvin Cross Sections

48-Cd-113



11

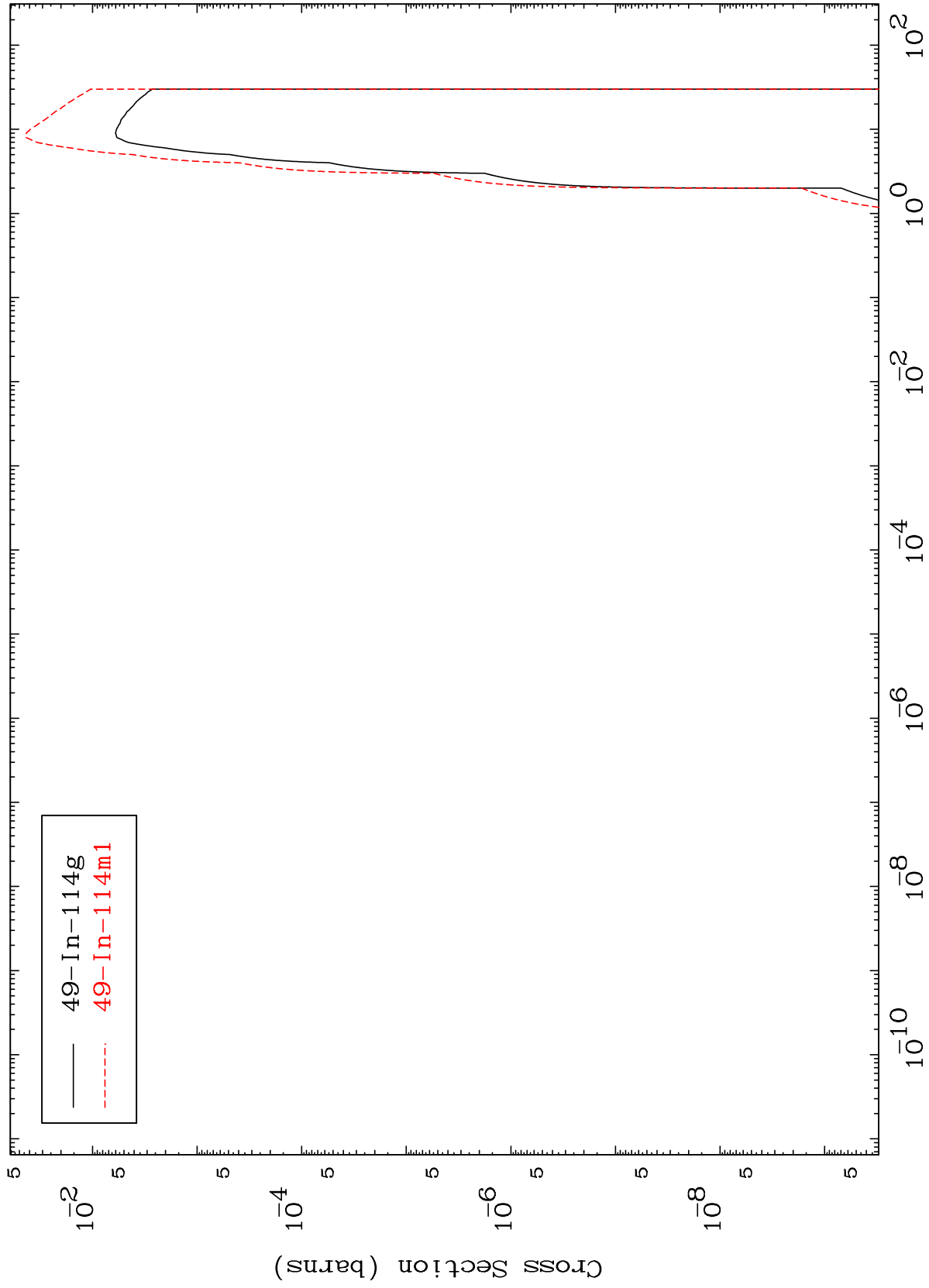
Incident Energy (MeV)

48-Cd-113

MAT 4847

Deuteron Inelastic
Radionuclide Production Cross Section

48-Cd-113



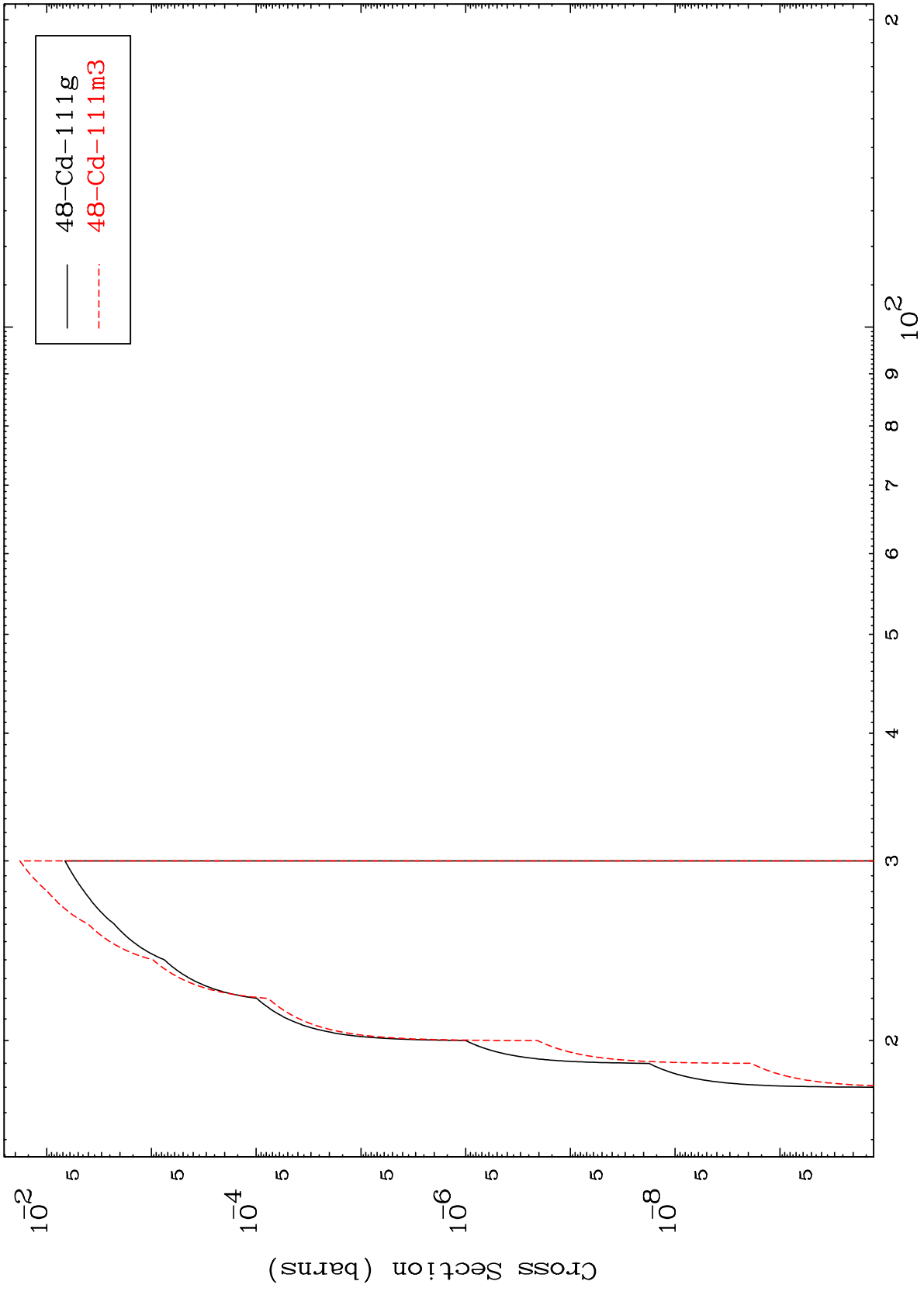
48-Cd-113

MAT 4847

(d,2n) d

48-Cd-113

Radionuclide Production Cross Section



48-Cd-111g
48-Cd-111m3

13

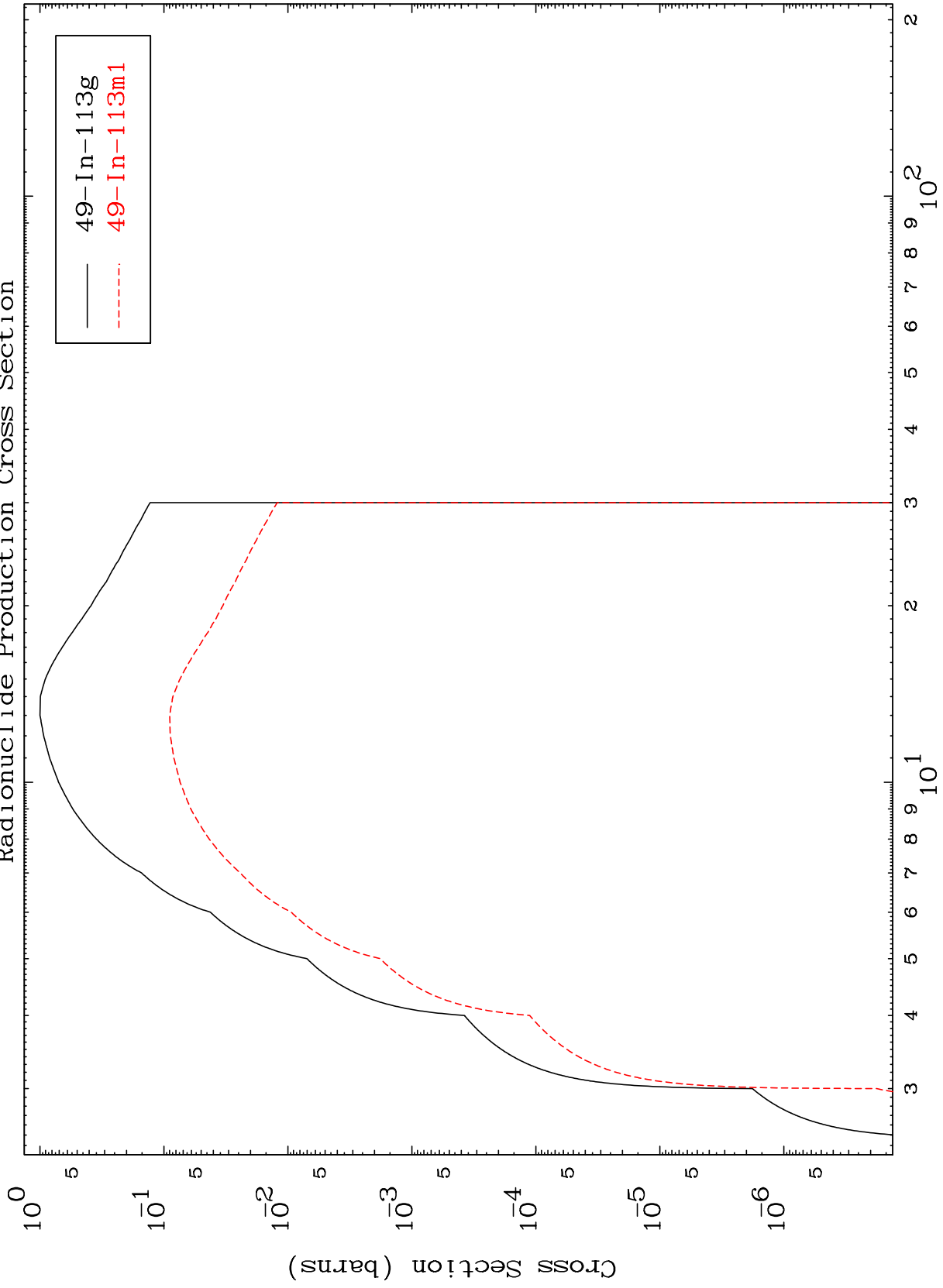
Incident Energy (MeV)

48-Cd-113

MAT 4847

48-Cd-113

Radionuclide Production Cross Section
(d,2n)



14

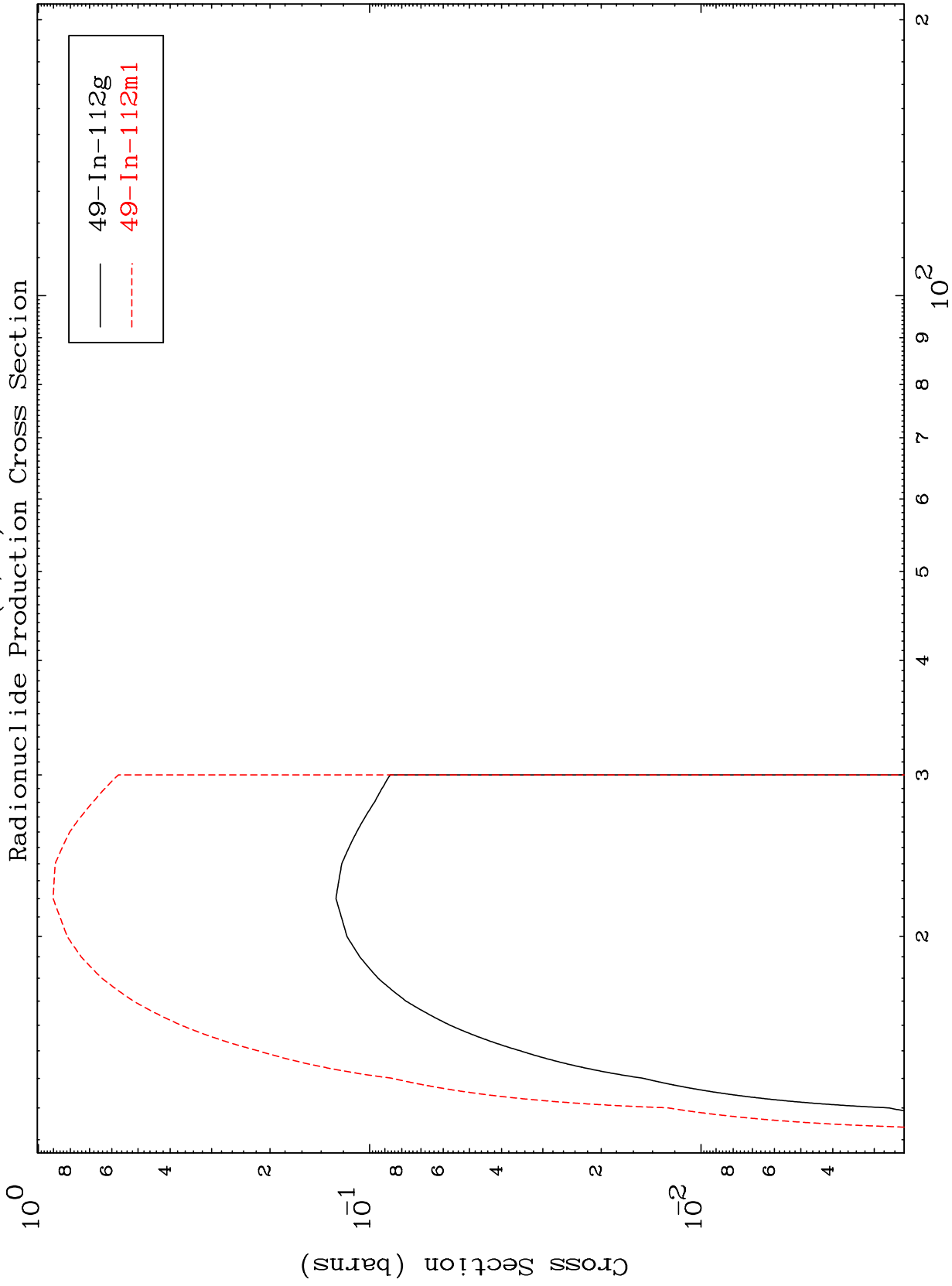
Incident Energy (MeV)

48-Cd-113

MAT 4847

48-Cd-113

(d,3n)
Radionuclide Production Cross Section



49-In-112g
49-In-112m1

15

Incident Energy (MeV)

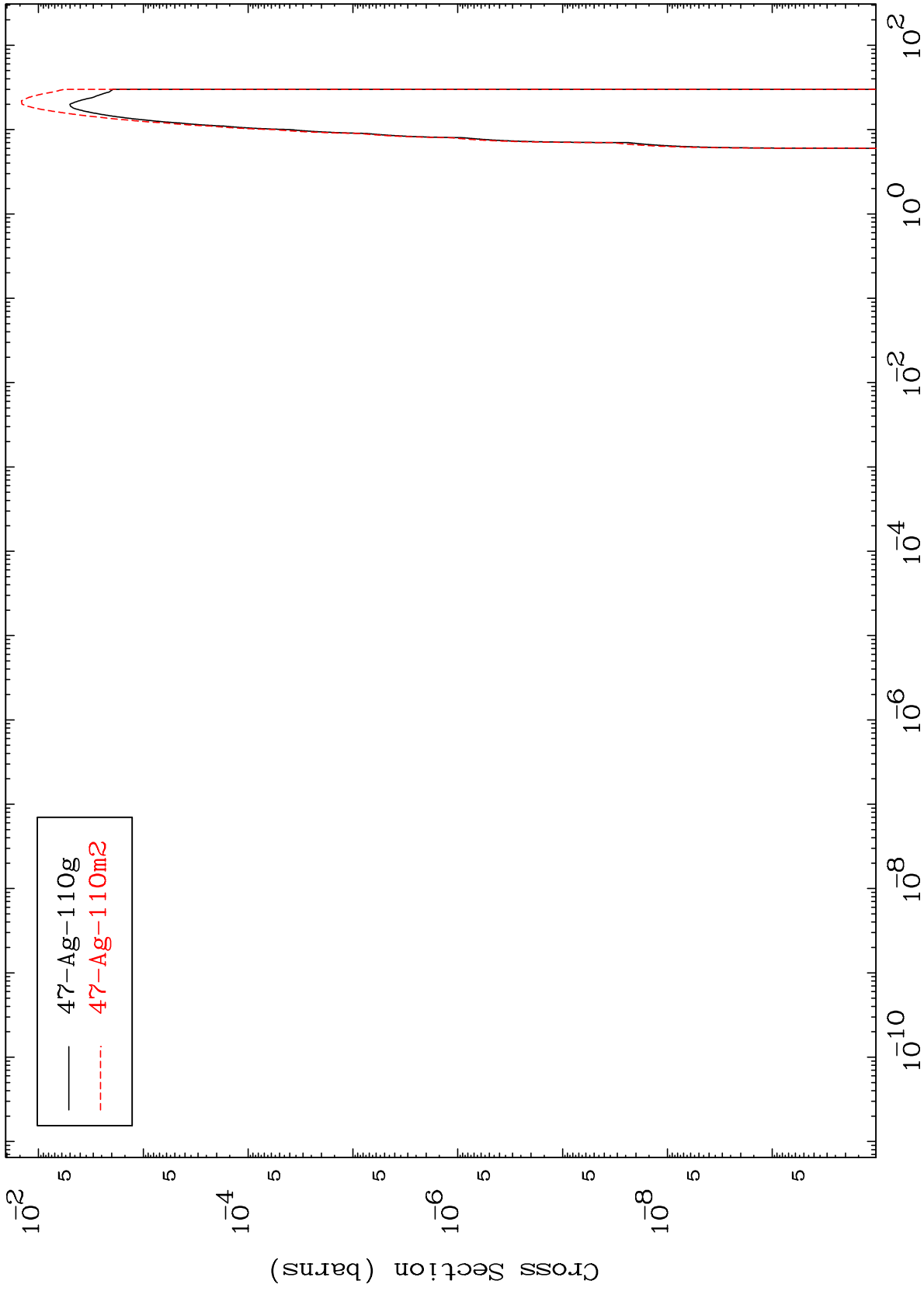
48-Cd-113

MAT 4847

(d,n') α

48-Cd-113

Radionuclide Production Cross Section



16

Incident Energy (MeV)

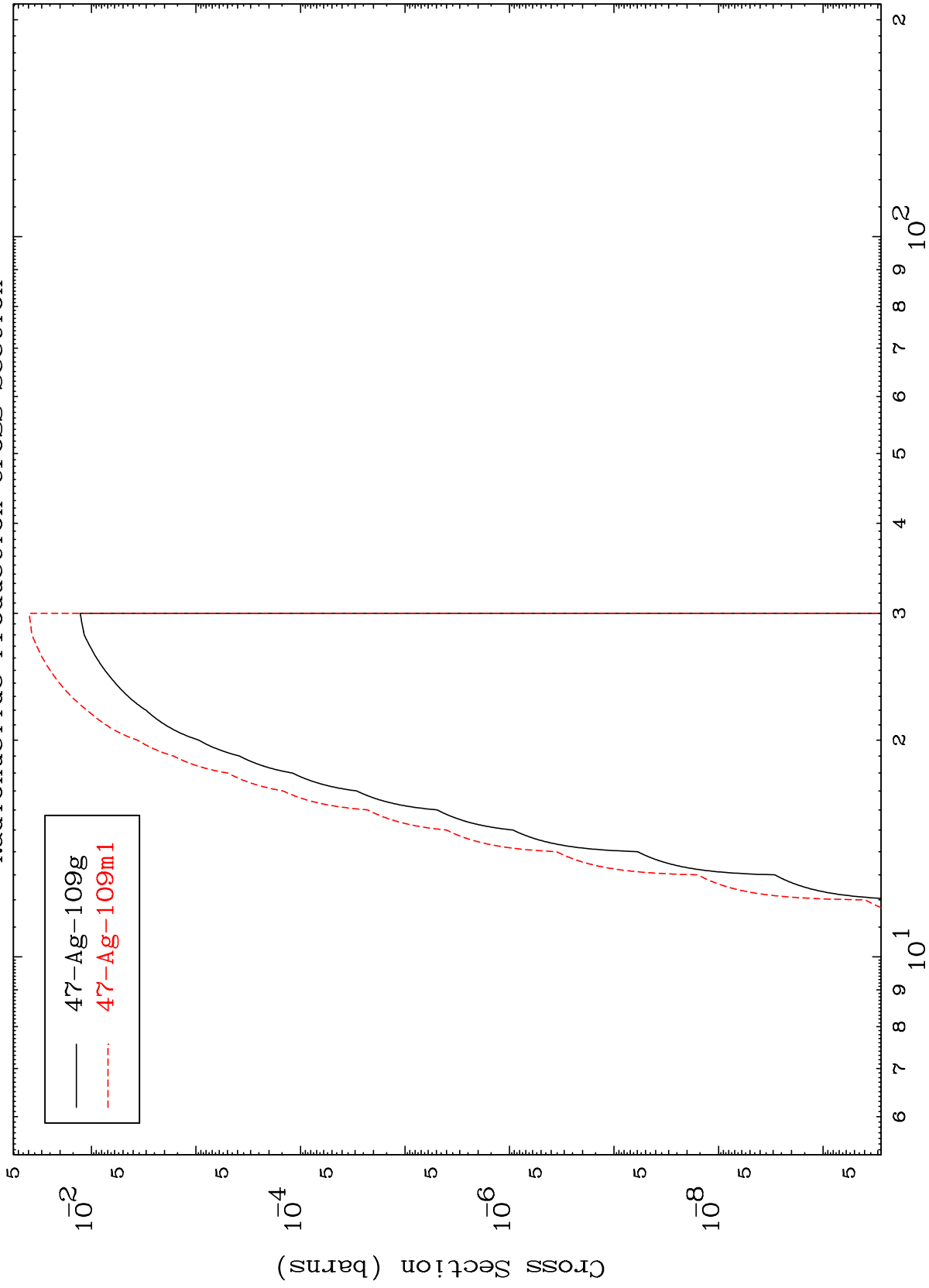
48-Cd-113

MAT 4847

(d,2n) α

48-Cd-113

Radionuclide Production Cross Section



17

Incident Energy (MeV)

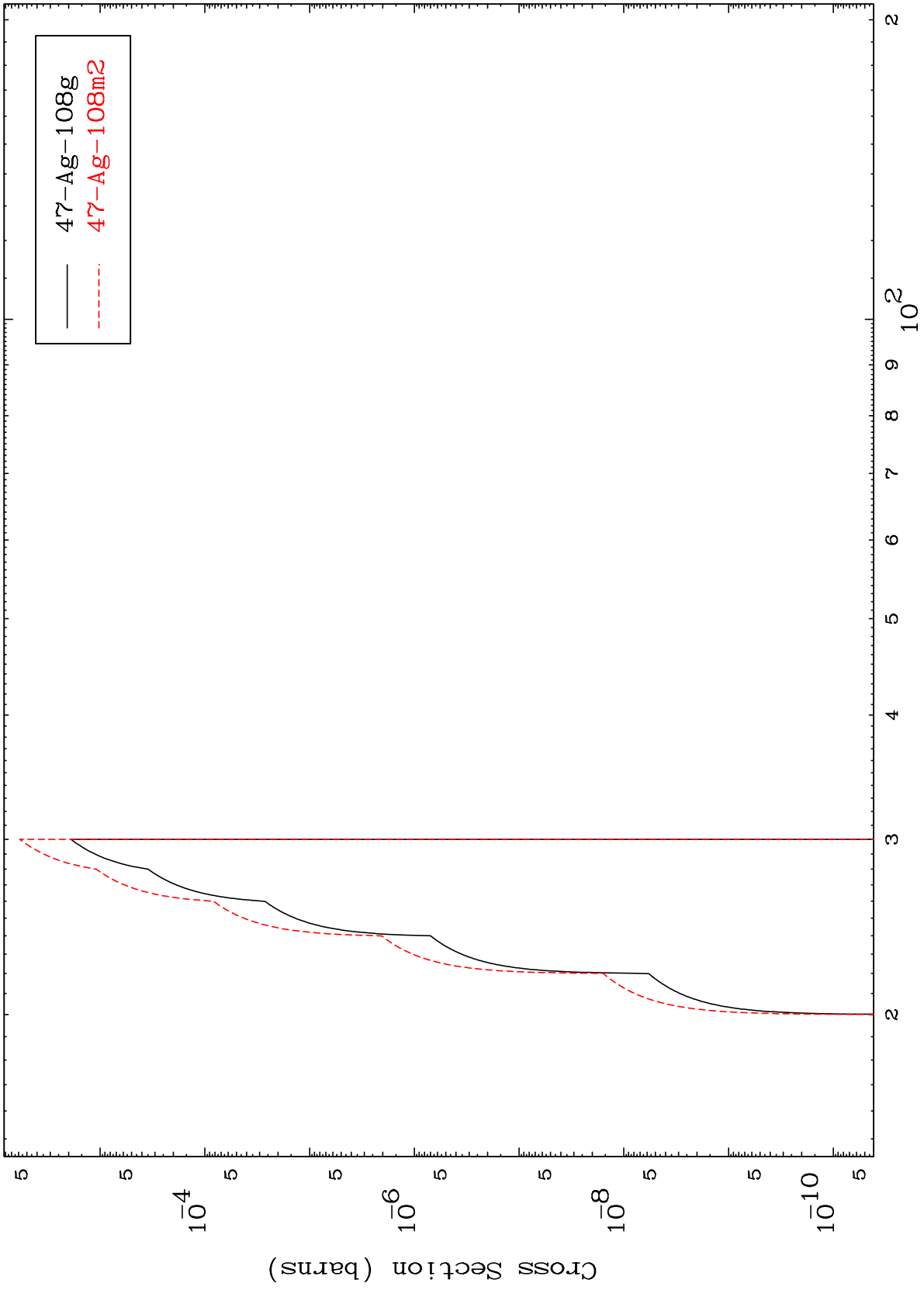
48-Cd-113

MAT 4847

(d,3n) α

48-Cd-113

Radionuclide Production Cross Section



18

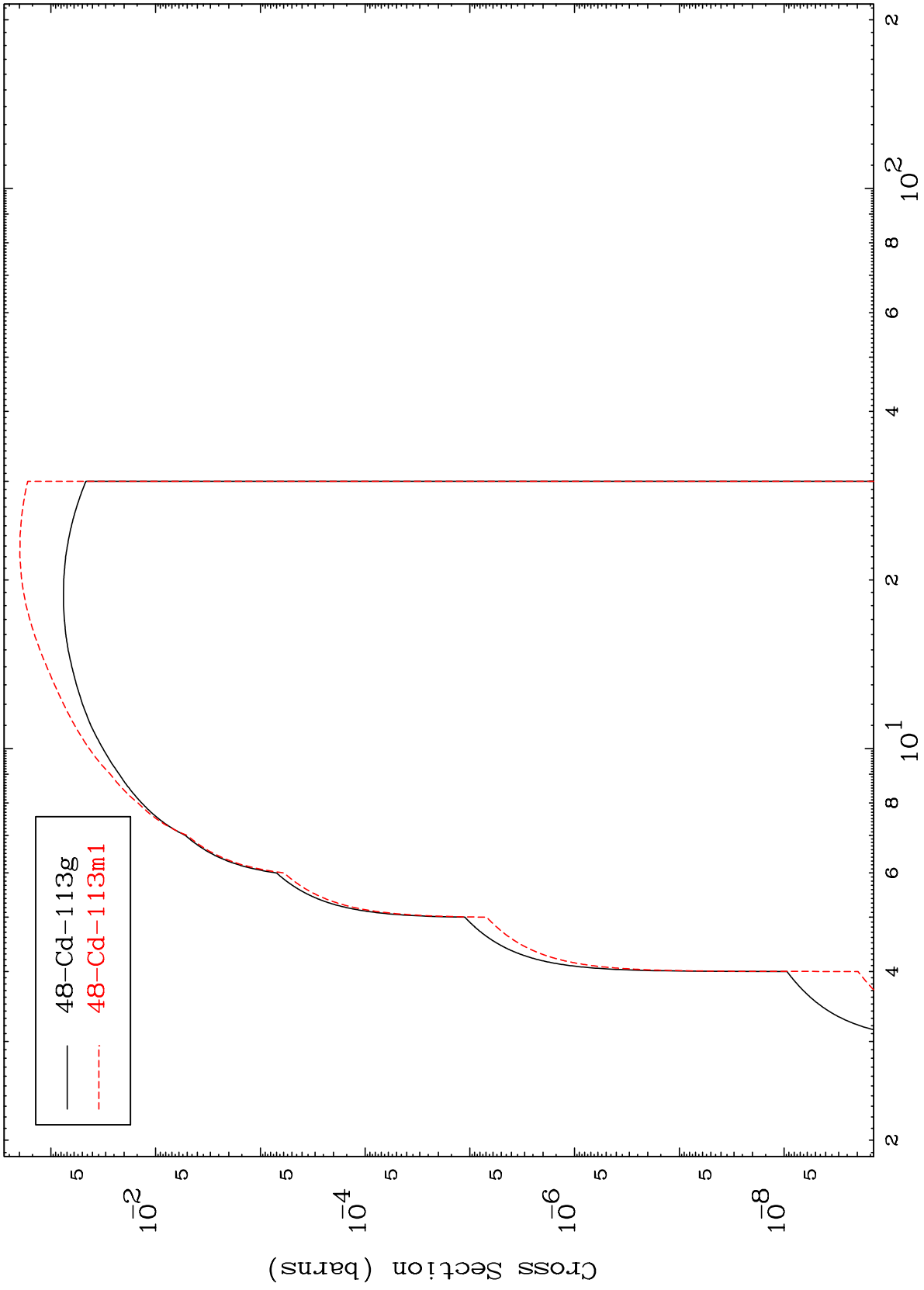
Incident Energy (MeV)

48-Cd-113

MAT 4847

48-Cd-113

(d,n') p
Radionuclide Production Cross Section



19

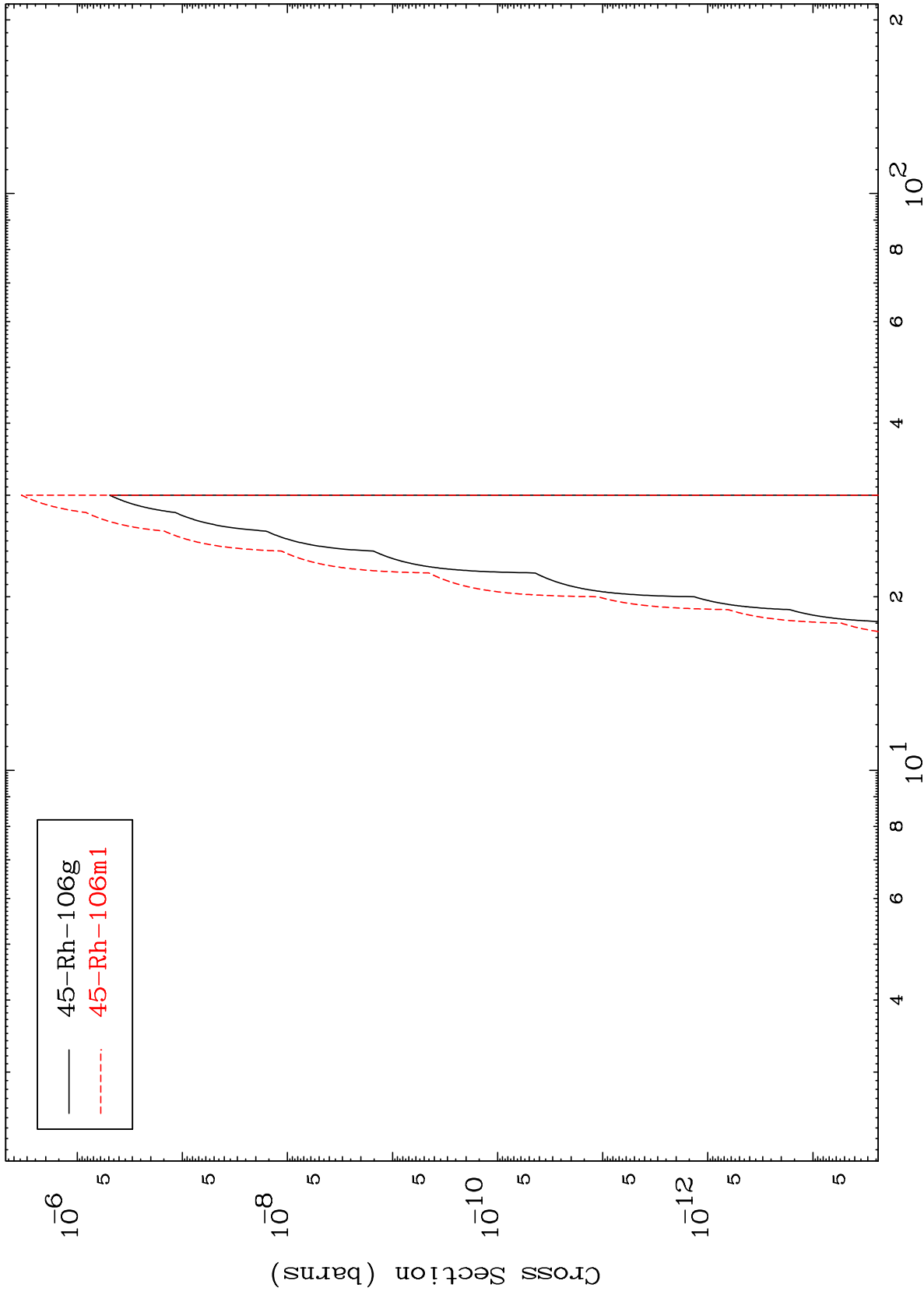
48-Cd-113

MAT 4847

(d,n') 2α

48-Cd-113

Radionuclide Production Cross Section



20

Incident Energy (MeV)

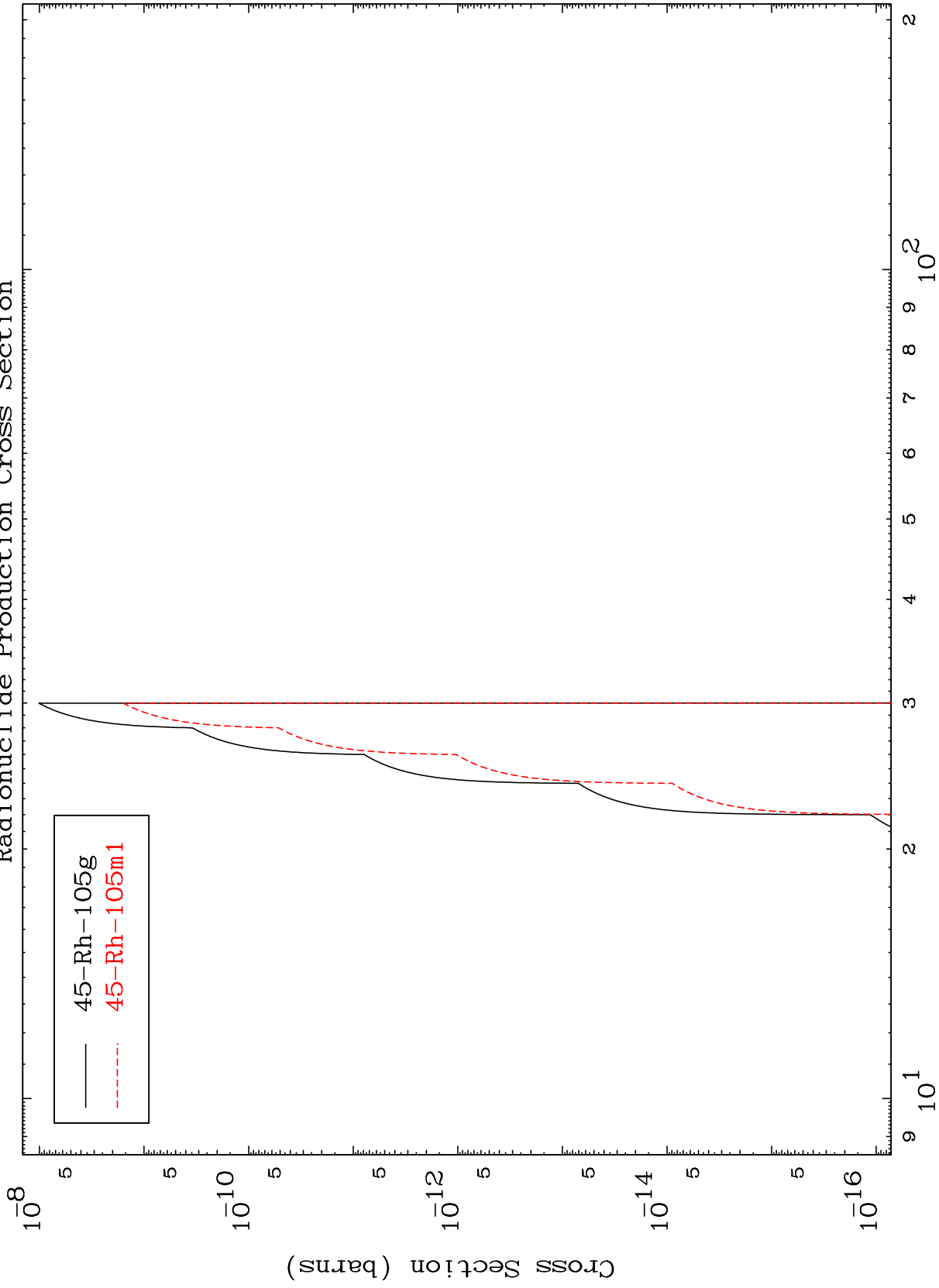
48-Cd-113

MAT 4847

(d,2n) 2 α

48-Cd-113

Radionuclide Production Cross Section



21

Incident Energy (MeV)

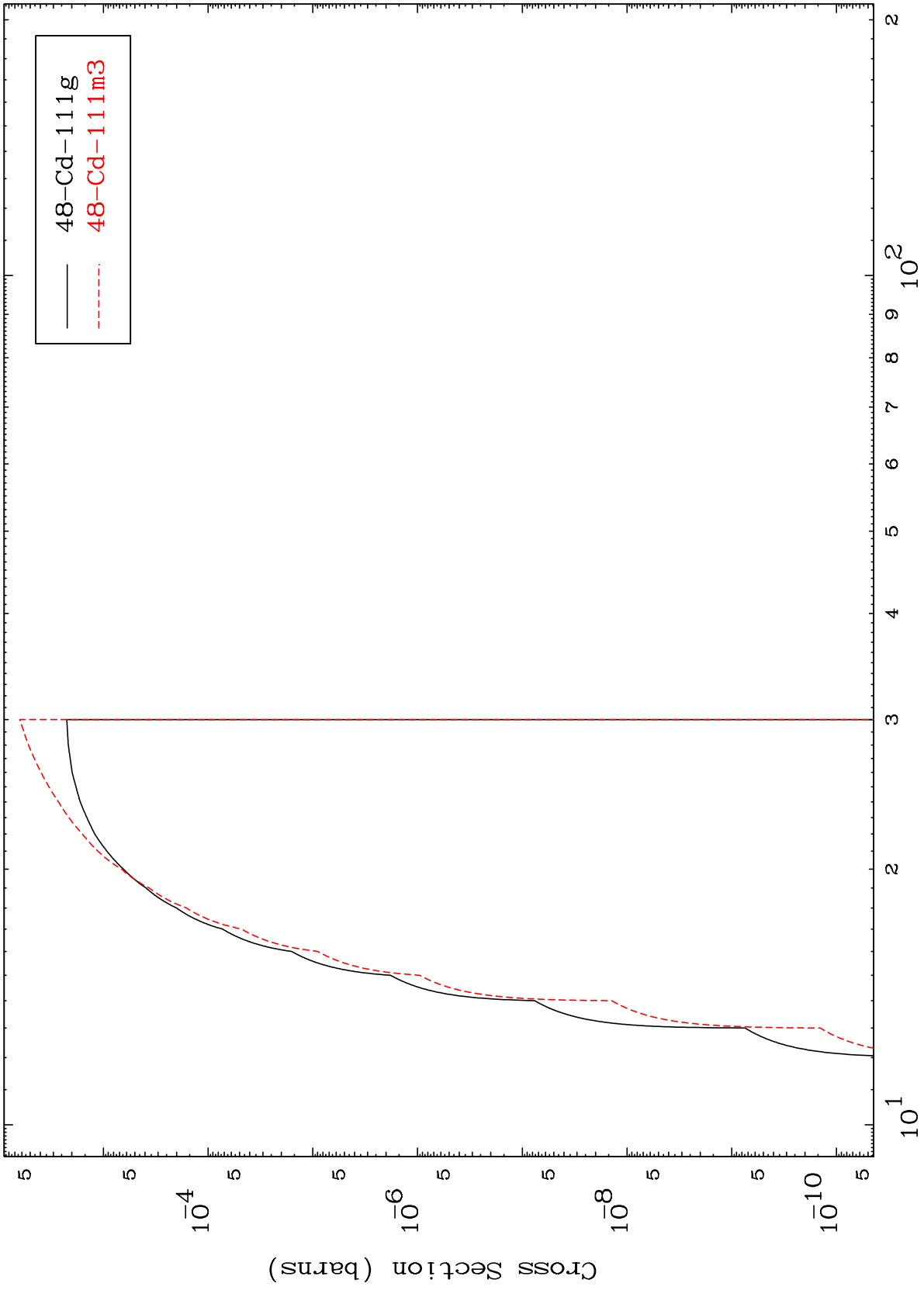
48-Cd-113

MAT 4847

(d,n') t

48-Cd-113

Radionuclide Production Cross Section



22

Incident Energy (MeV)

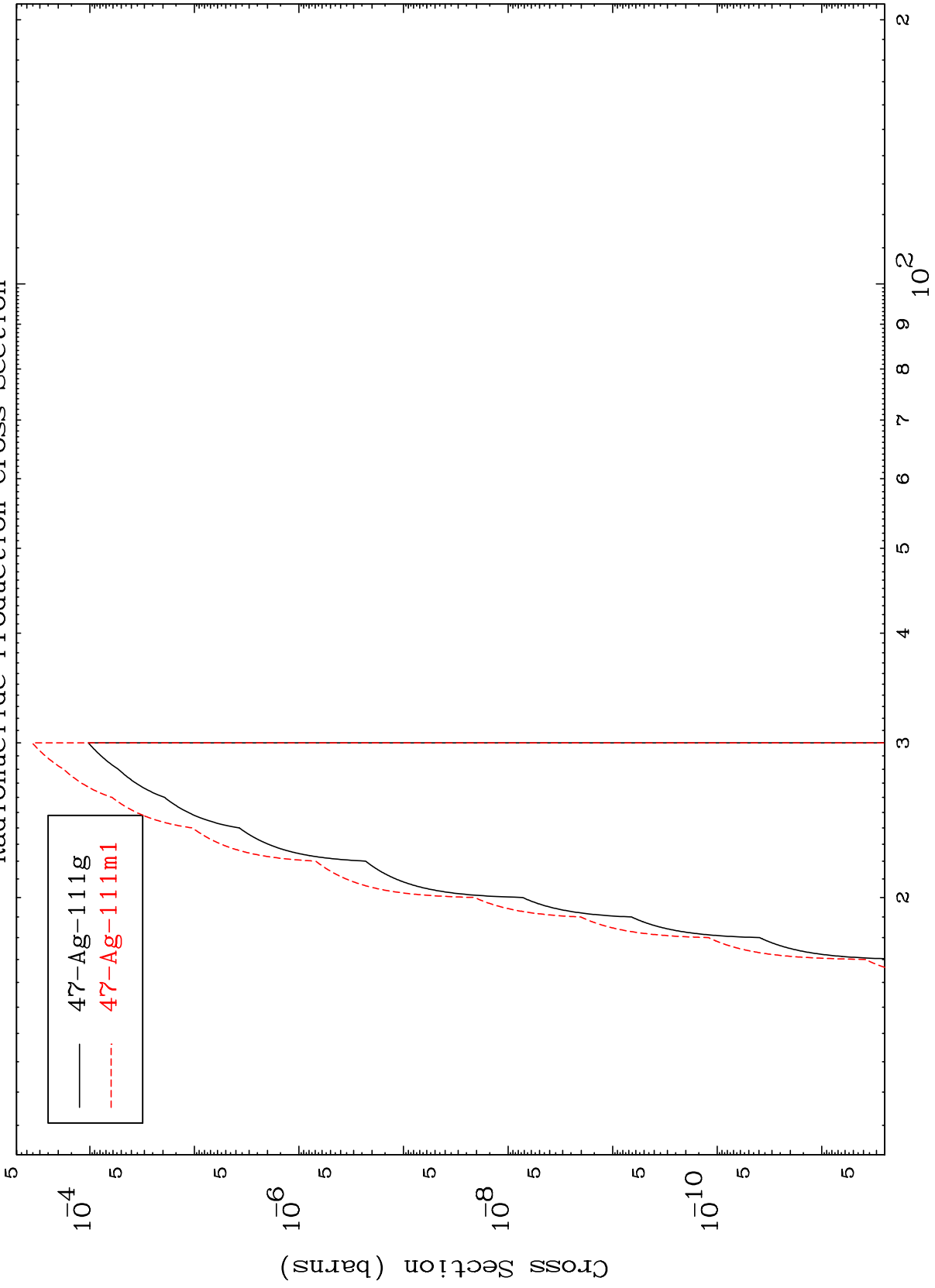
48-Cd-113

MAT 4847

(d,n') He-3

48-Cd-113

Radionuclide Production Cross Section



23

48-Cd-113

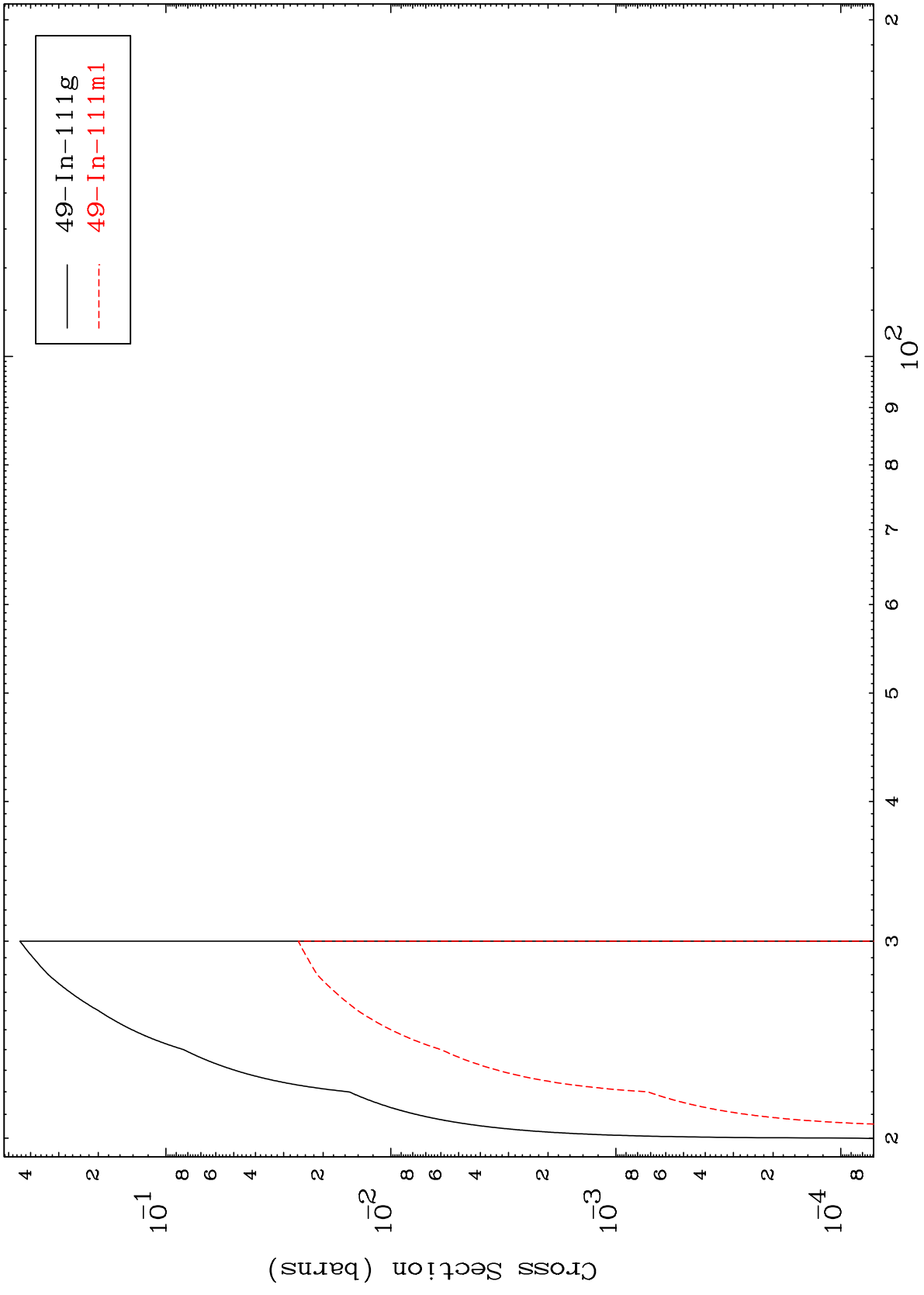
48-Cd-113

MAT 4847

(d,4n)

48-Cd-113

Radionuclide Production Cross Section



24

Incident Energy (MeV)

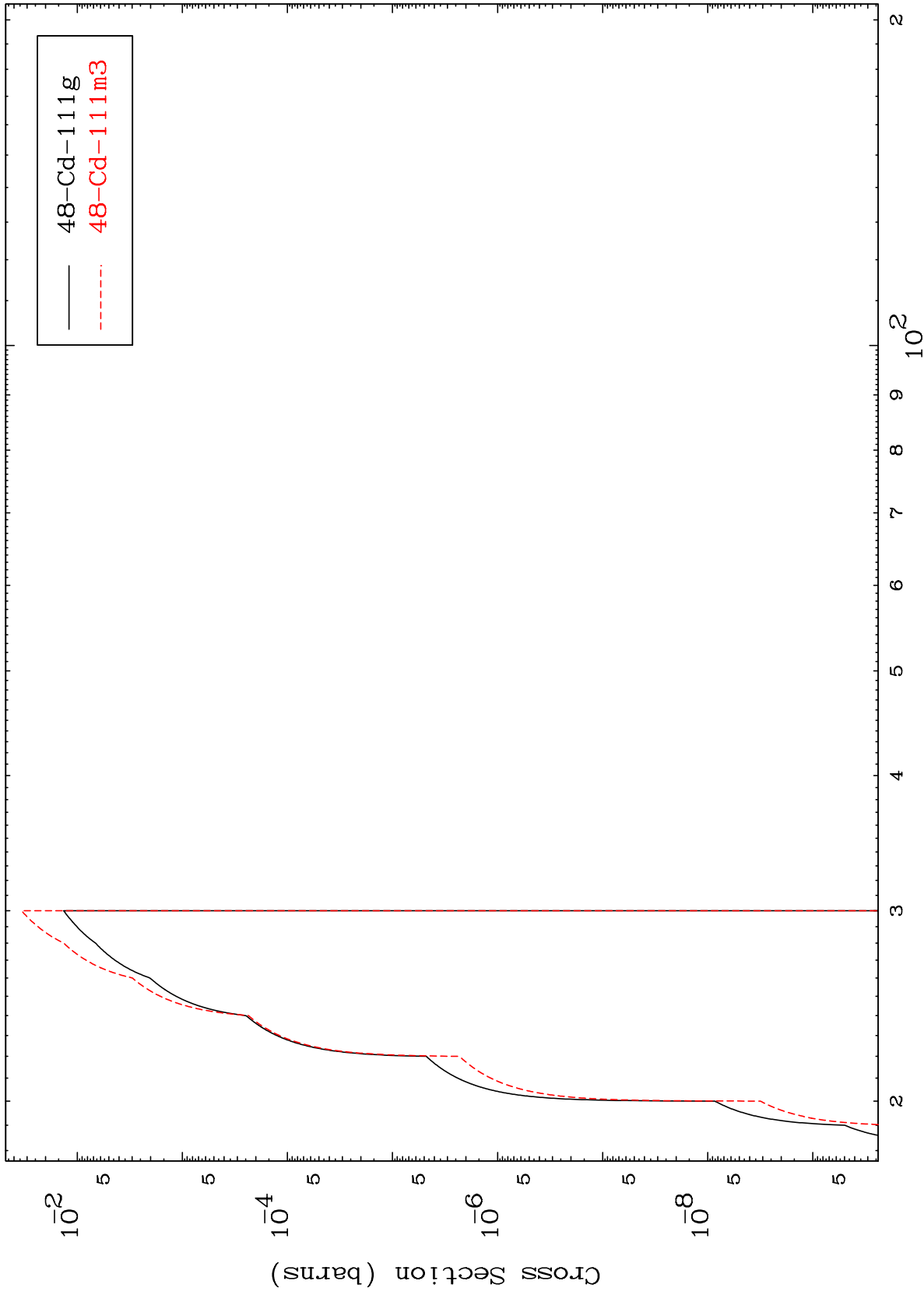
48-Cd-113

MAT 4847

(d,3n) p

48-Cd-113

Radionuclide Production Cross Section



25

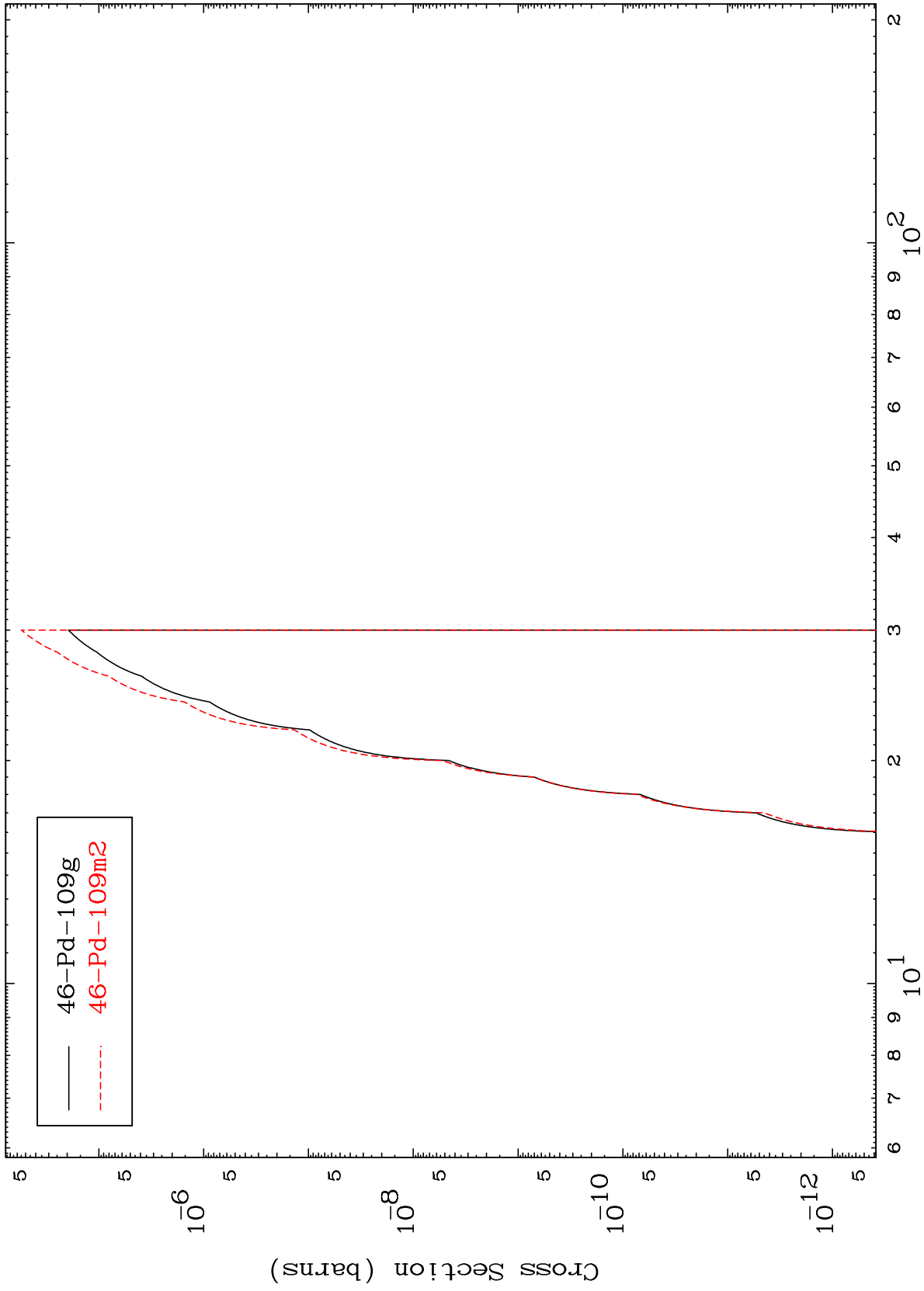
Incident Energy (MeV)

48-Cd-113

MAT 4847

48-Cd-113

(d,n') p α
Radionuclide Production Cross Section



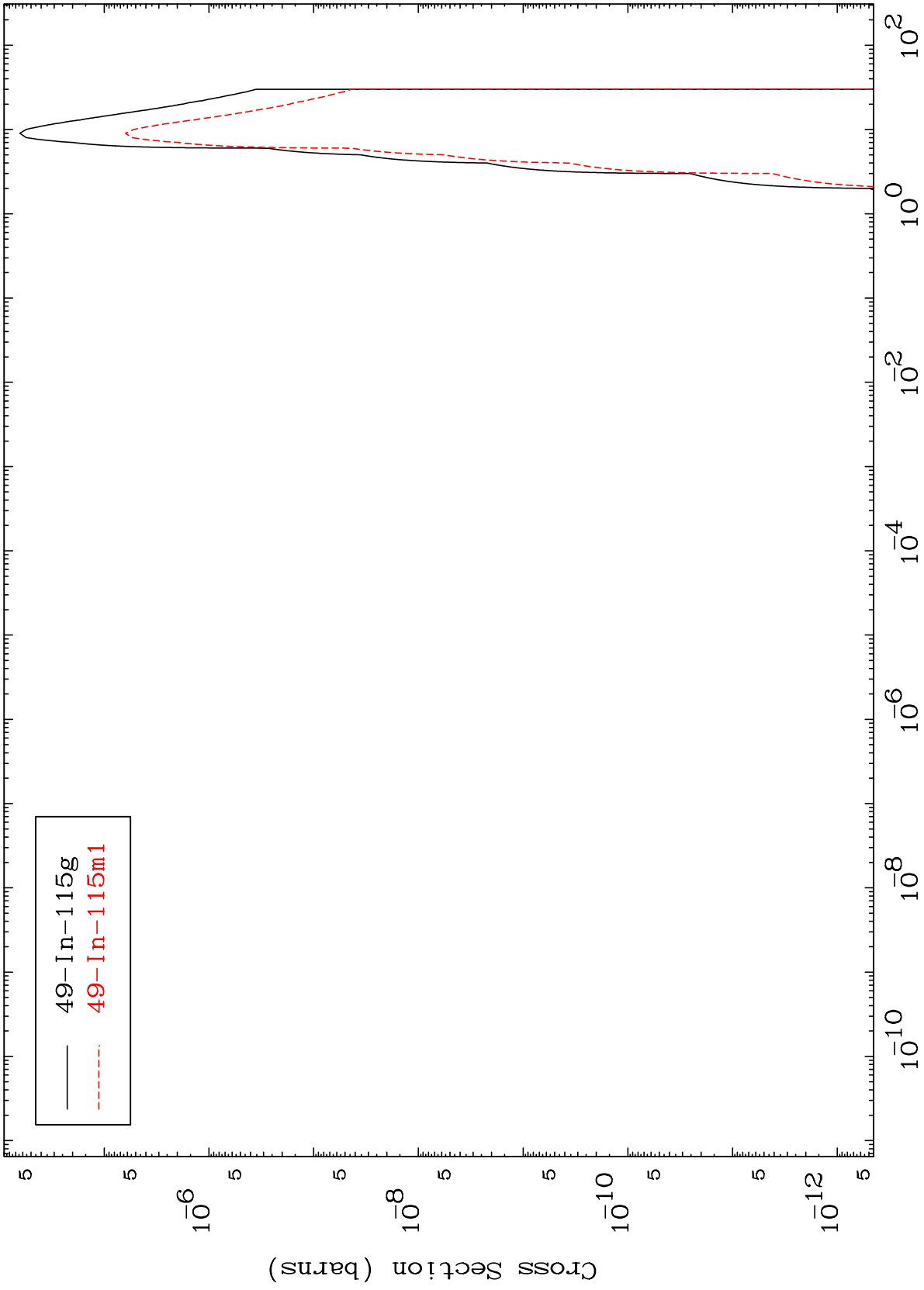
26

48-Cd-113

MAT 4847

(d,γ)
Radionuclide Production Cross Section

48-Cd-113

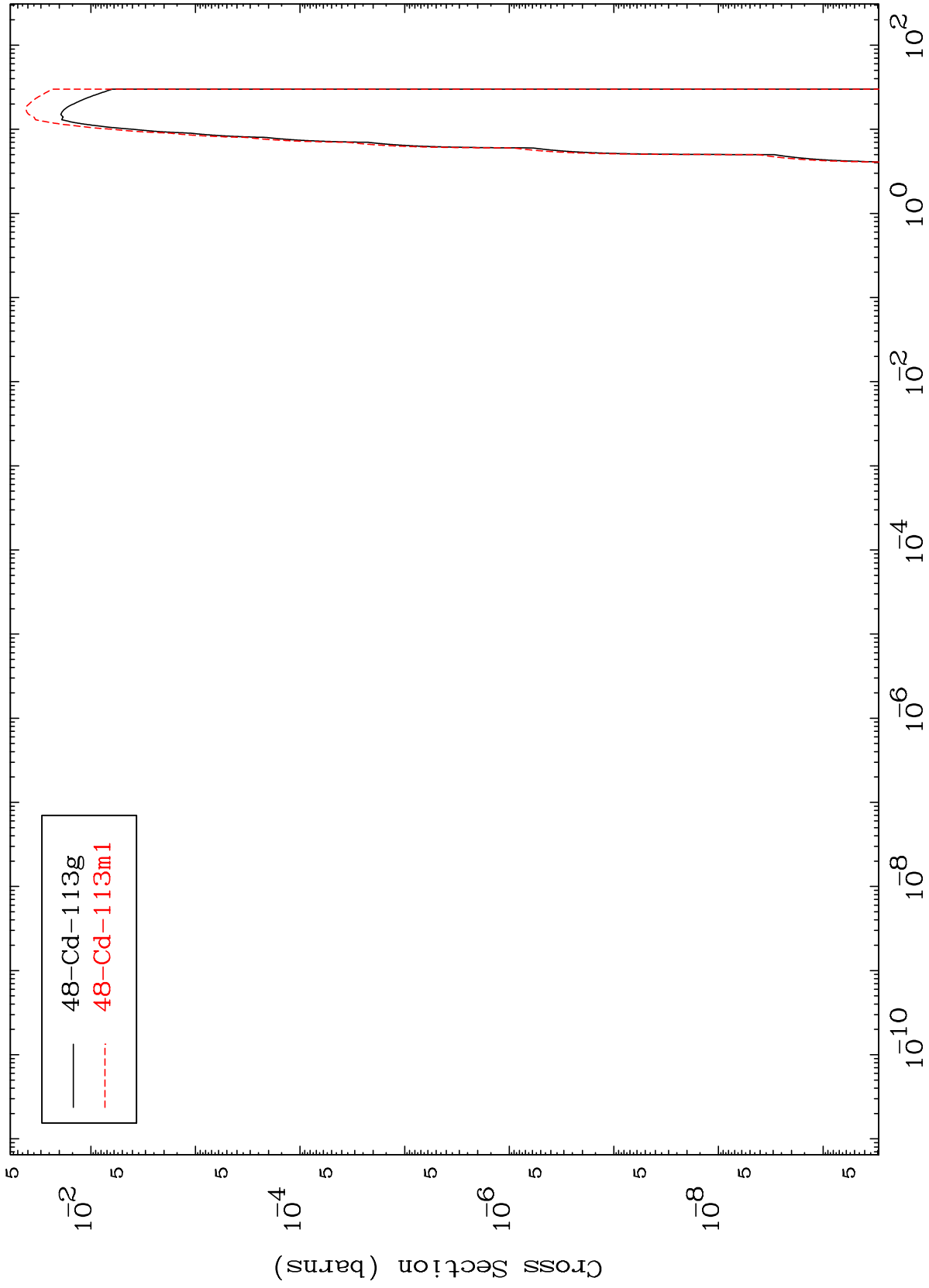


MAT 4847

(d,d)

48-Cd-113

Radionuclide Production Cross Section



28

Incident Energy (MeV)

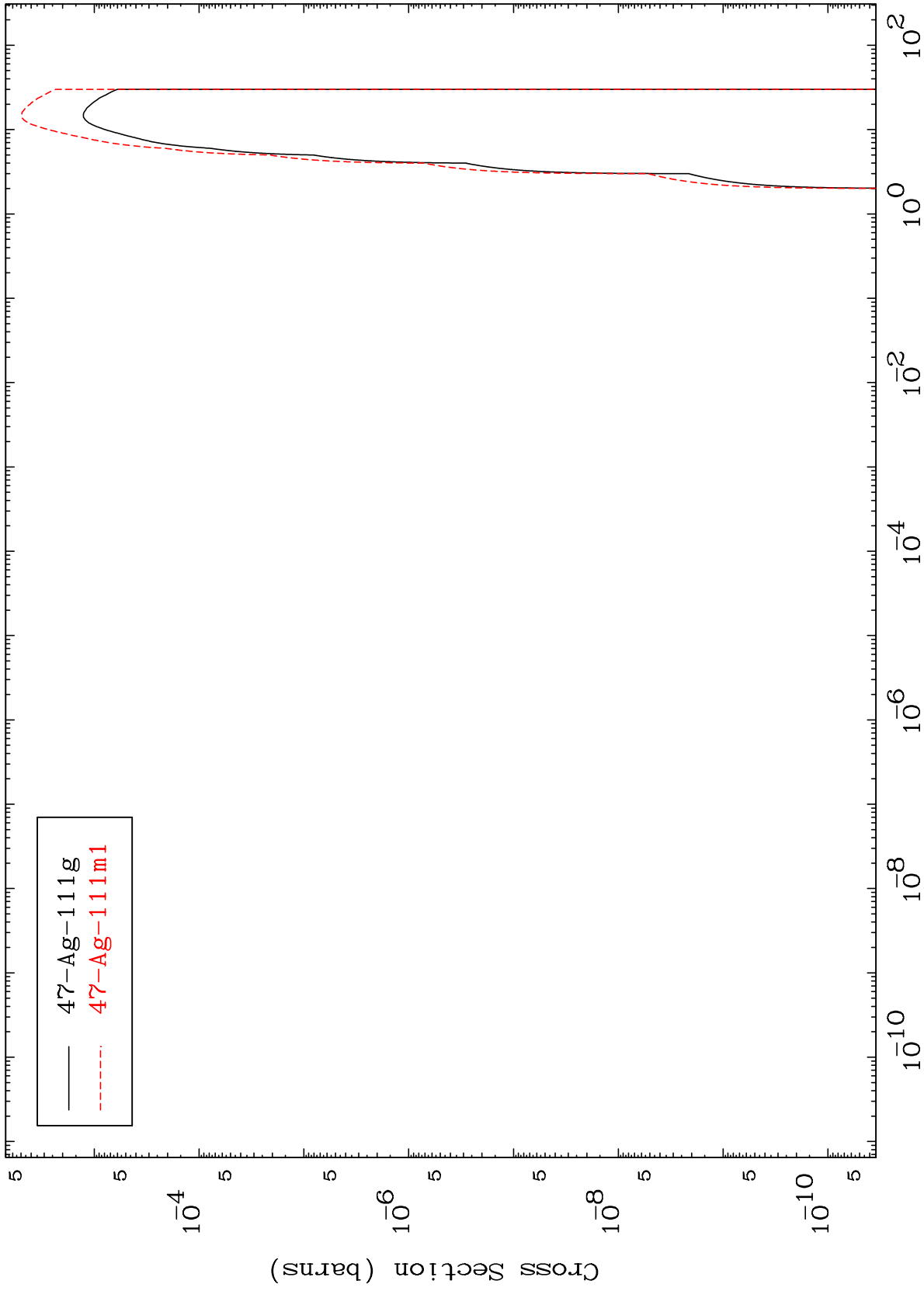
48-Cd-113

MAT 4847

(d, α)

48-Cd-113

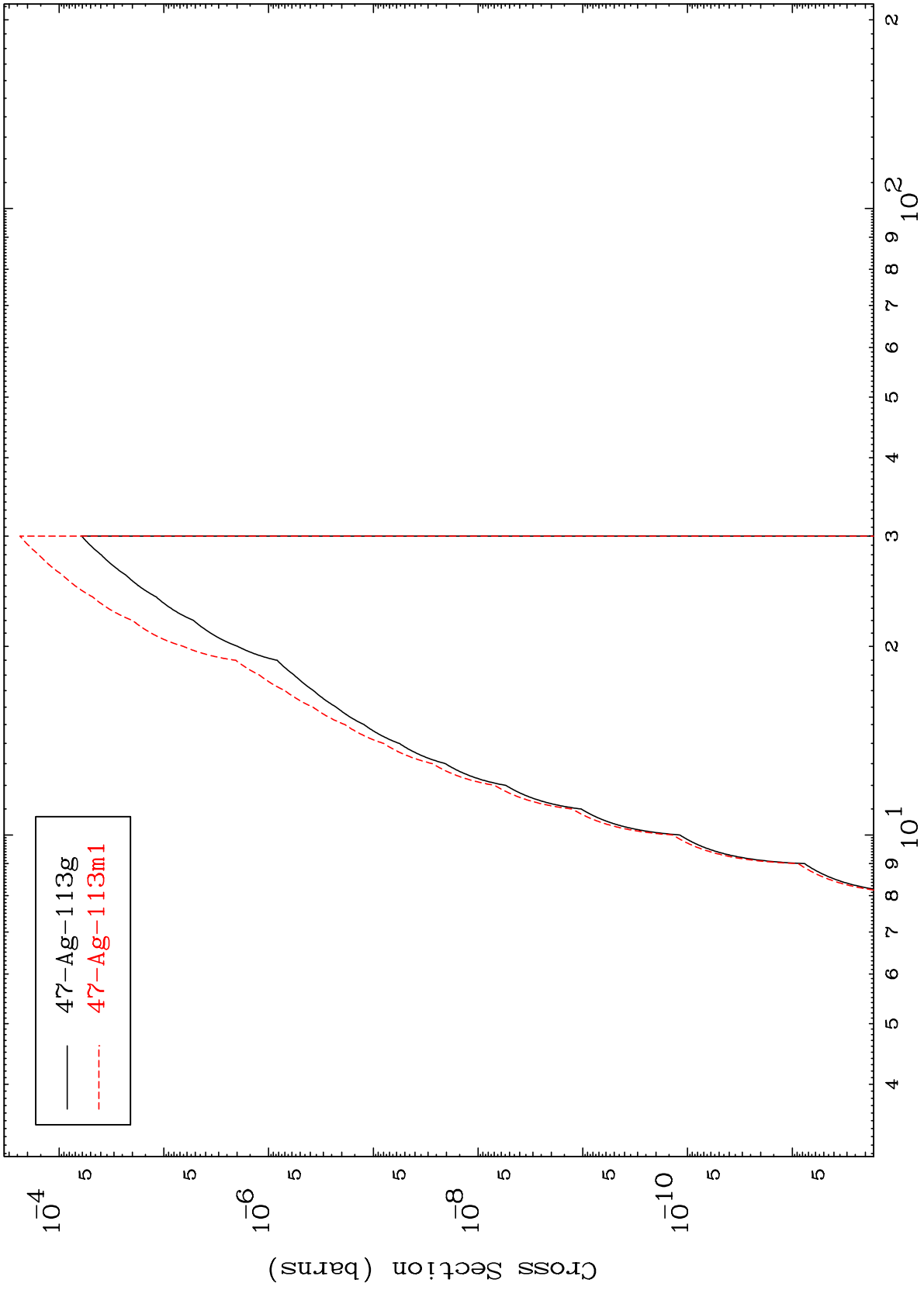
Radionuclide Production Cross Section



MAT 4847

48-Cd-113

(d,2p)
Radionuclide Production Cross Section



30

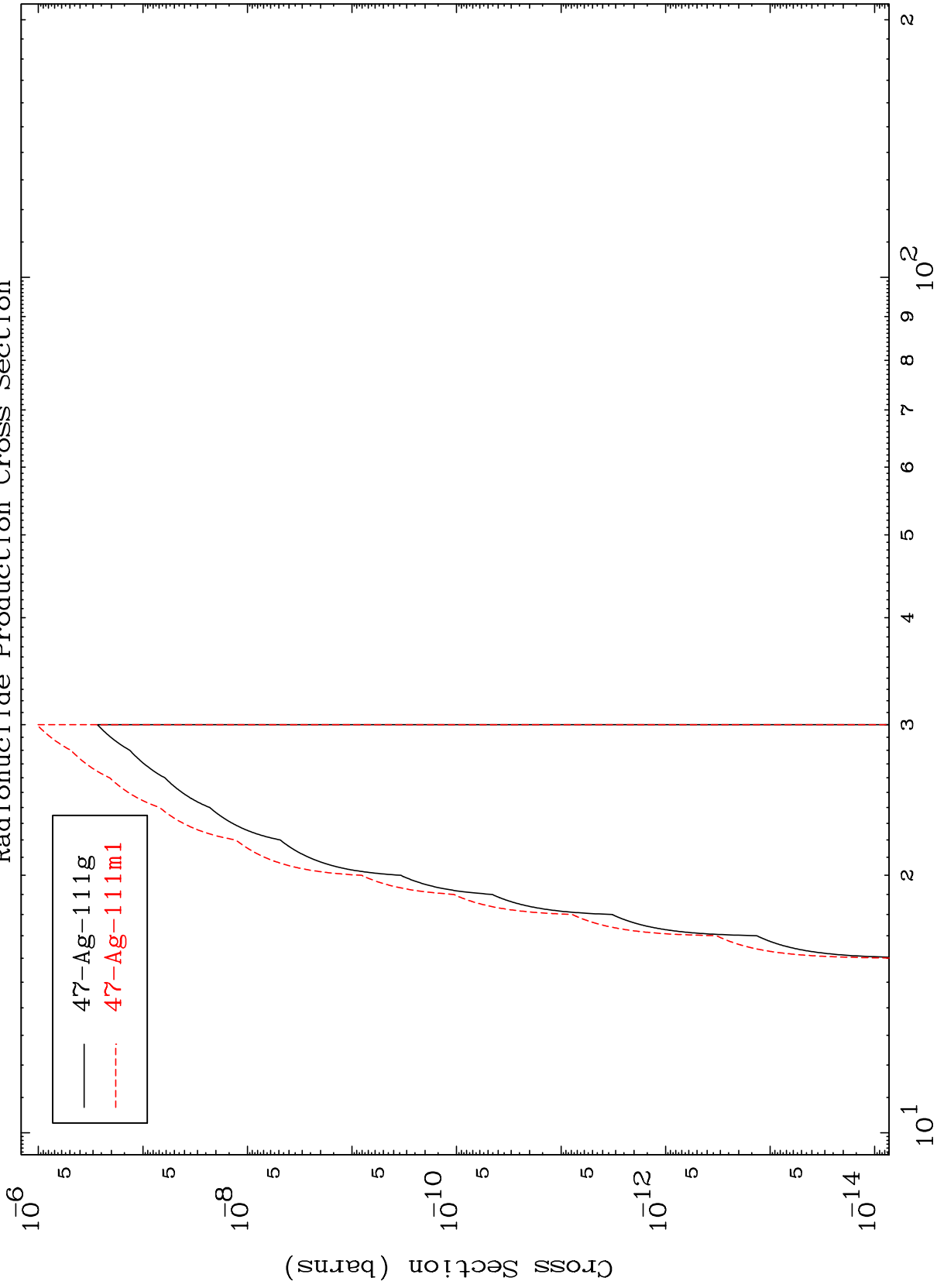
48-Cd-113

MAT 4847

(d,p) t

48-Cd-113

Radionuclide Production Cross Section



31

Incident Energy (MeV)

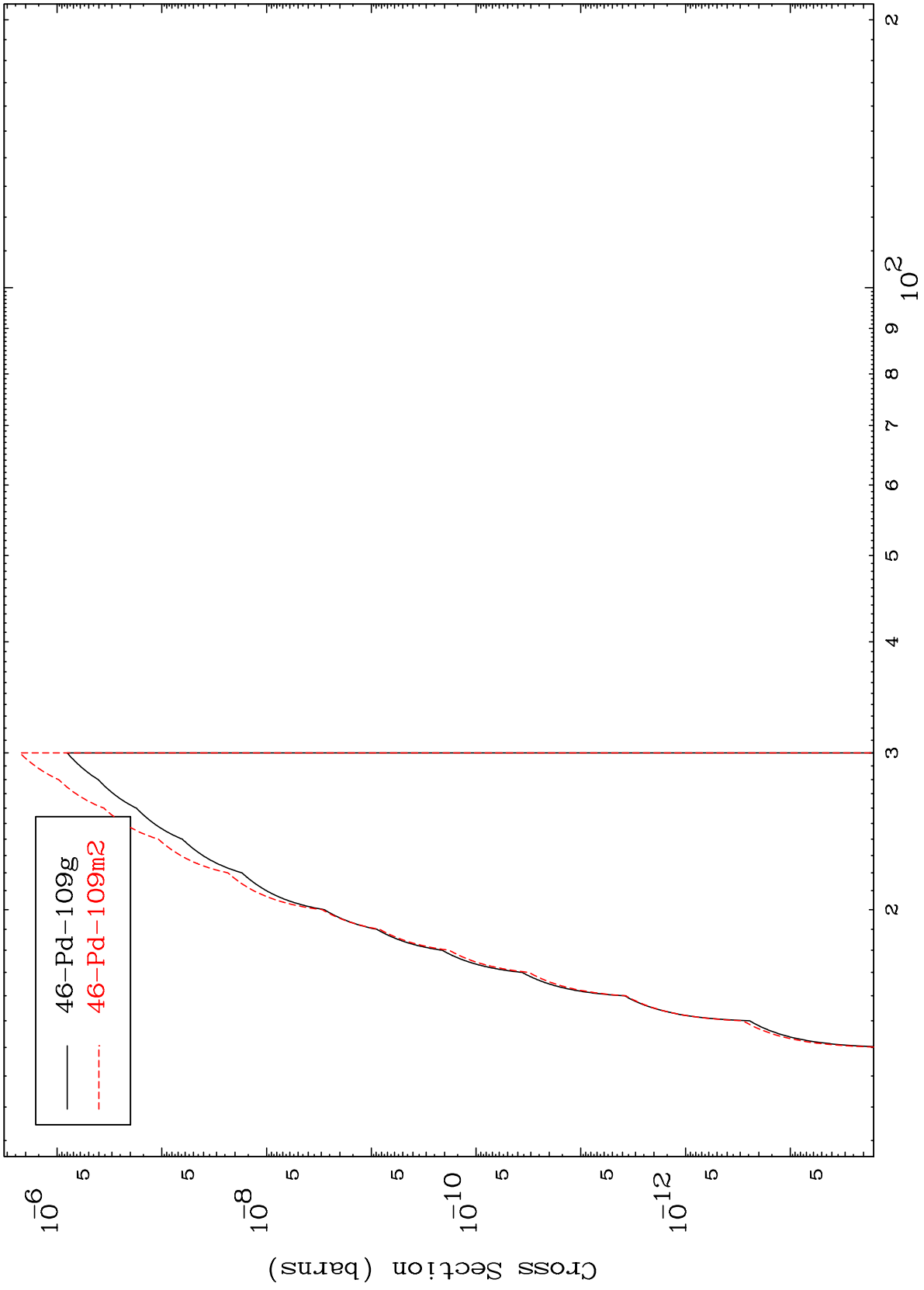
48-Cd-113

MAT 4847

(d,d) α

48-Cd-113

Radionuclide Production Cross Section



32

Incident Energy (MeV)

48-Cd-113