

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

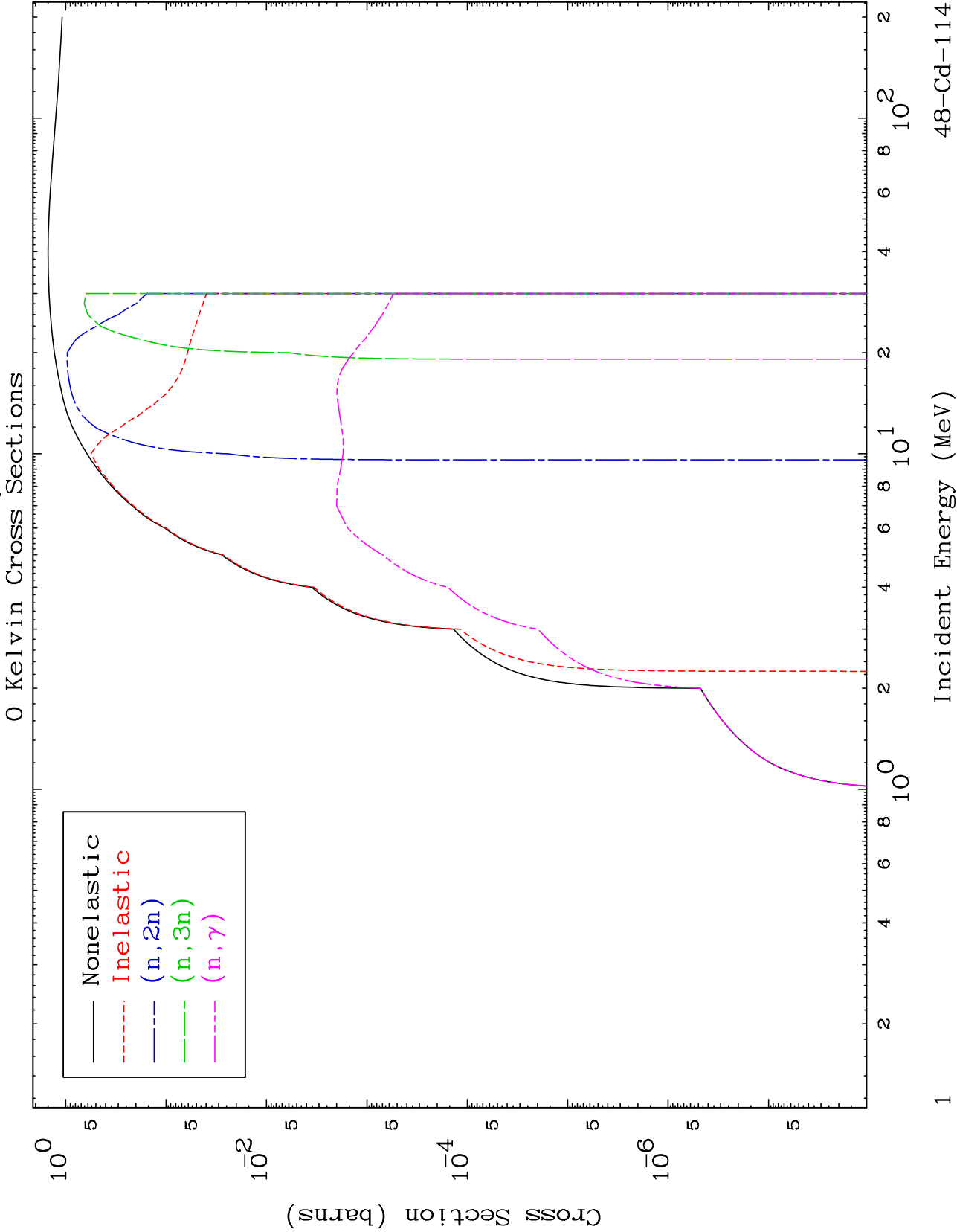
Web:redcullen1.net/HOMEPAGE.NEW

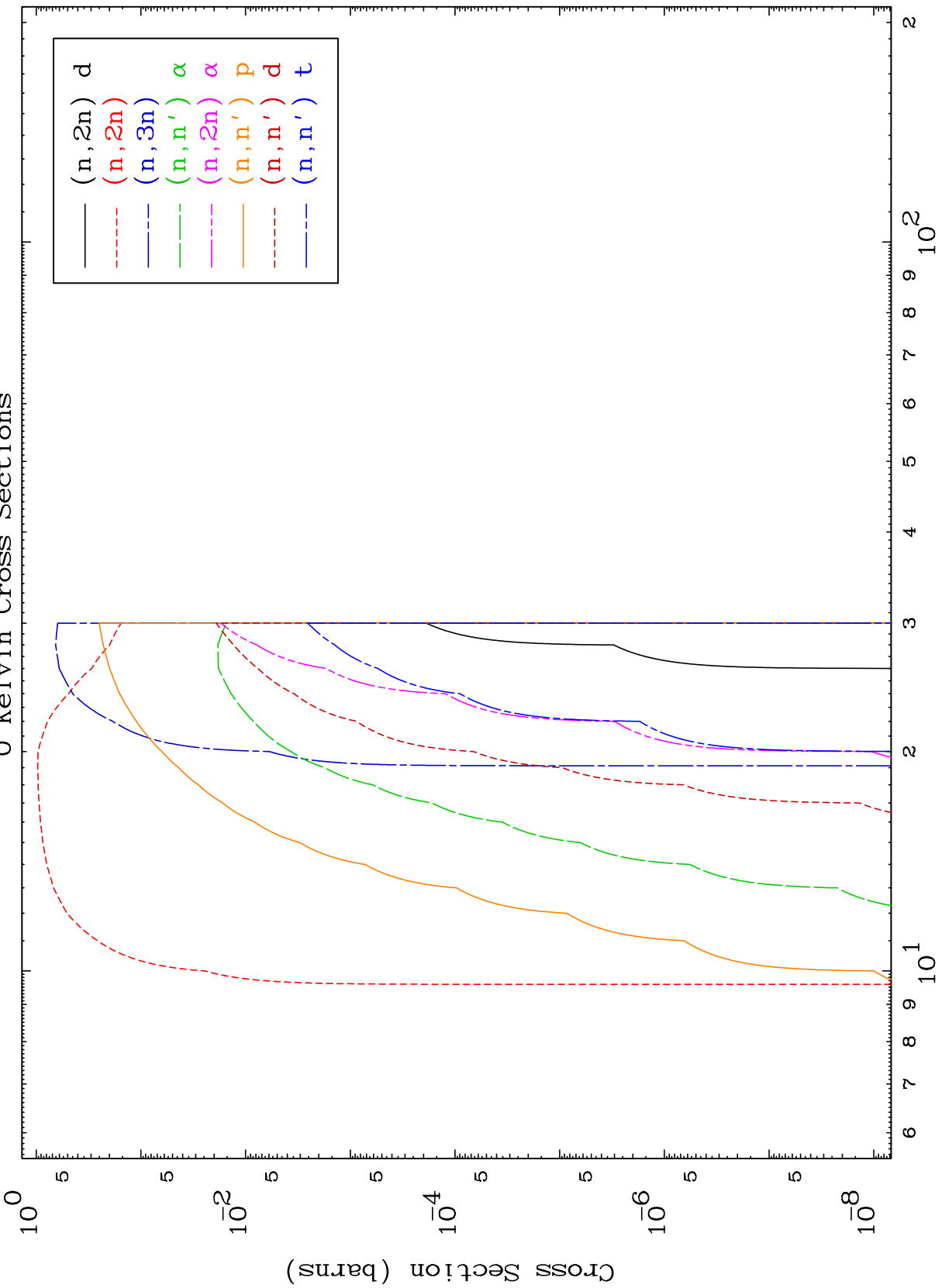
Press Mouse Button to Start

MAT 4849

Proton Major

48-Cd-114

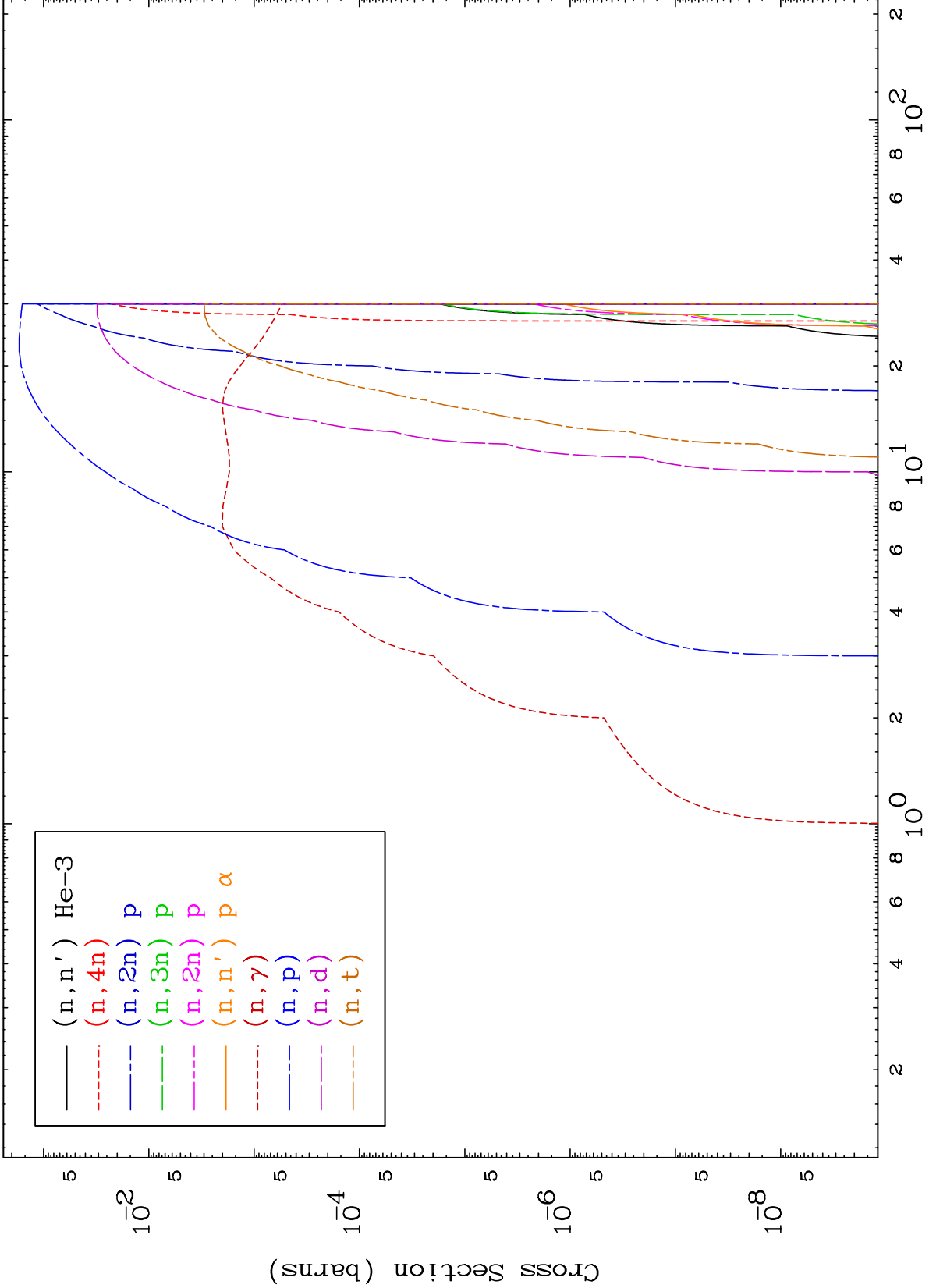




MAT 4849

Proton Neutron Absorption
0 Kelvin Cross Sections

48-Cd-114



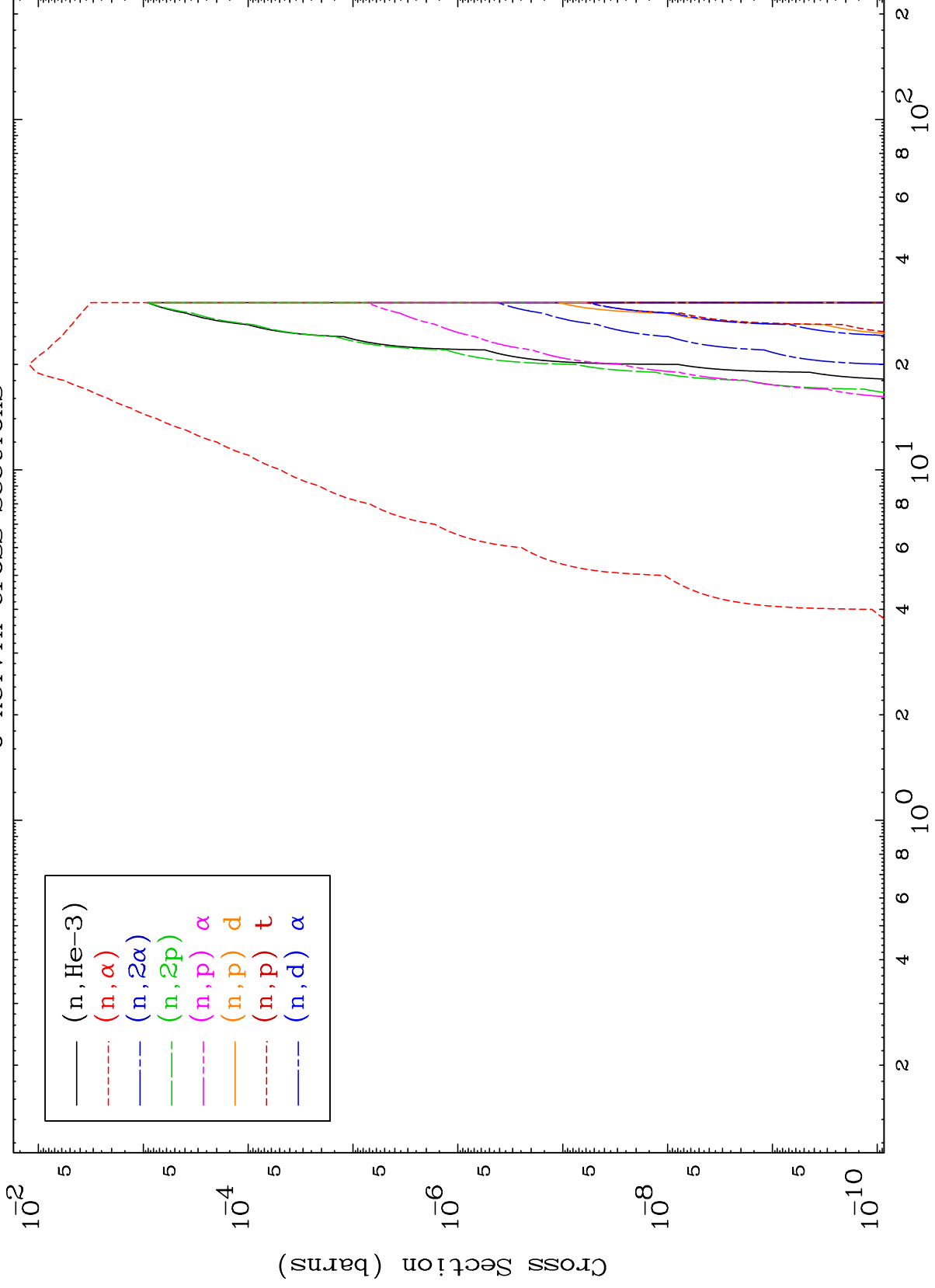
48-Cd-114

Incident Energy (MeV)

MAT 4849

Proton Neutron Absorption
0 Kelvin Cross Sections

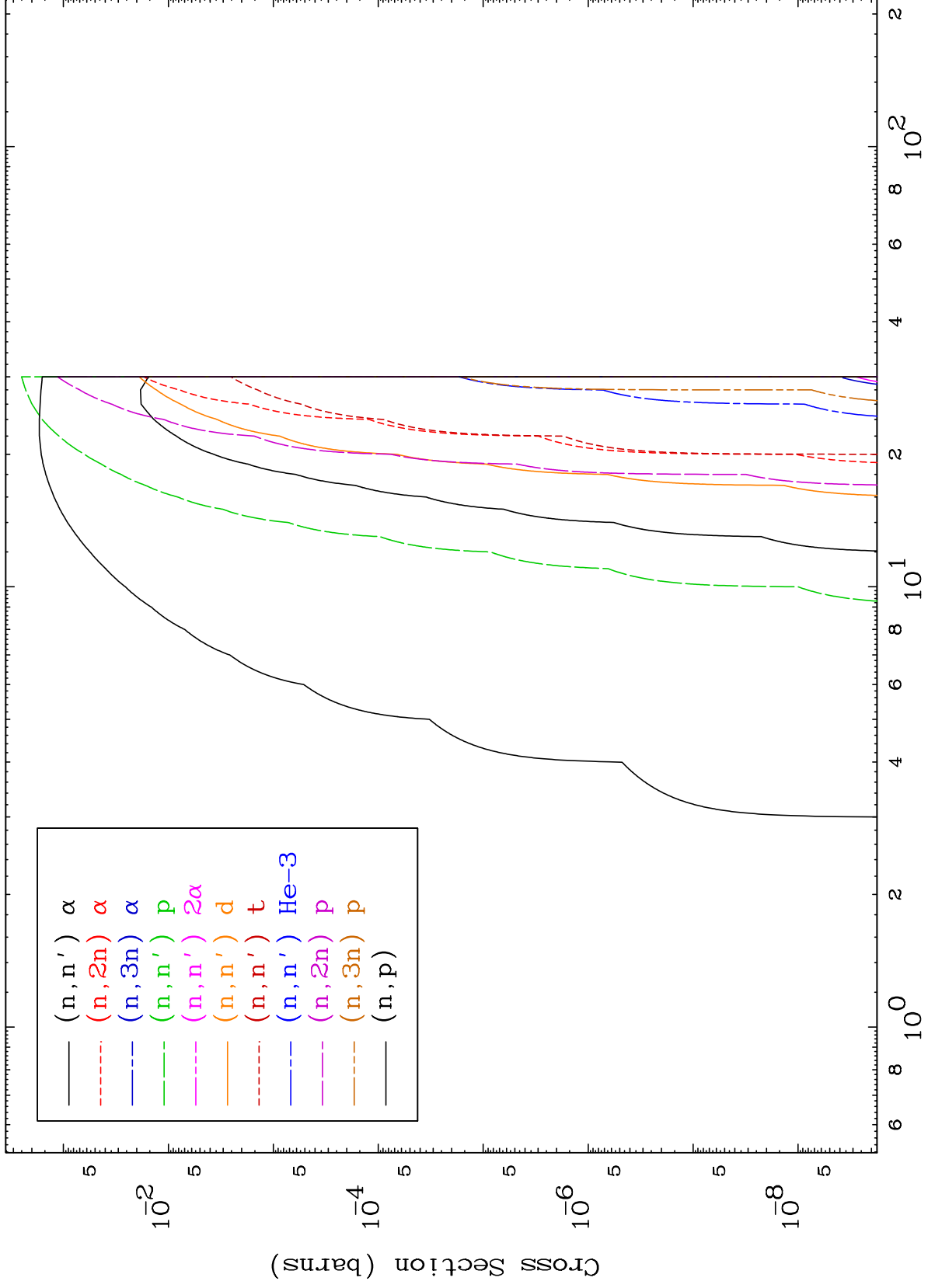
48-Cd-114



MAT 4849

Proton Charged Particle
0 Kelvin Cross Sections

48-Cd-114



5

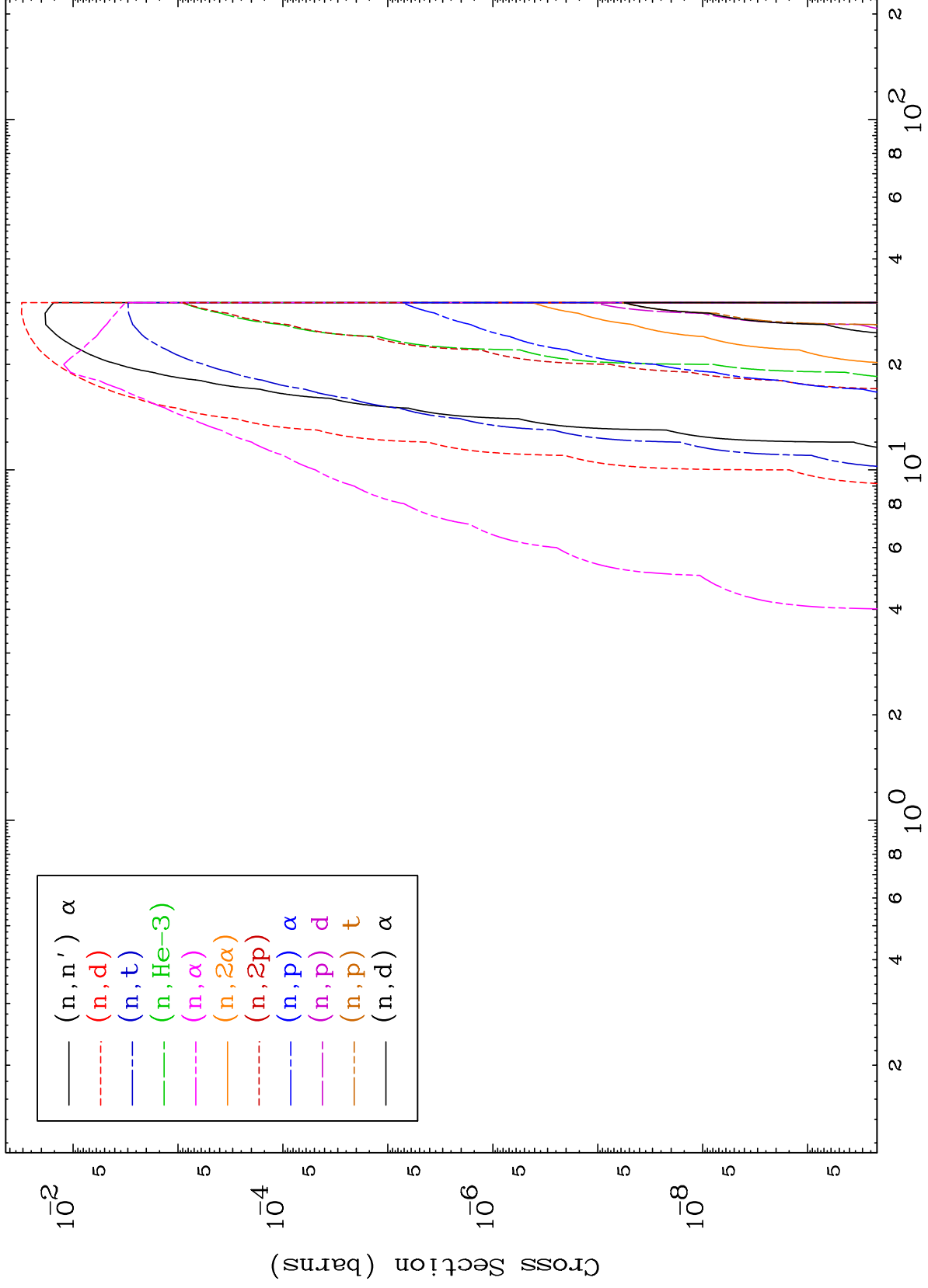
Incident Energy (MeV)

48-Cd-114

MAT 4849

Proton Charged Particle
0 Kelvin Cross Sections

48-Cd-114

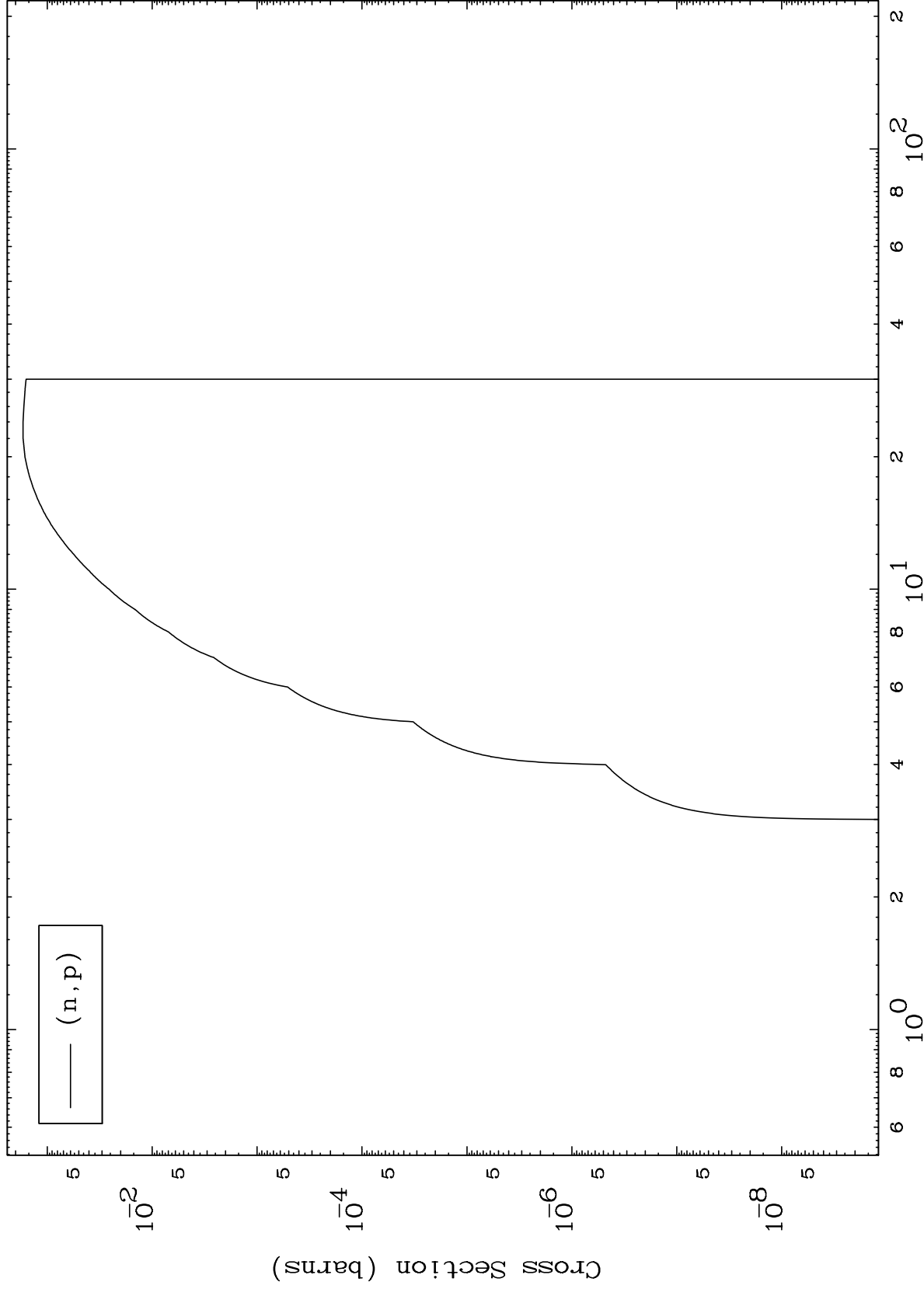


MAT 4849

(p,p) Levels

48-Cd-114

0 Kelvin Cross Sections



7

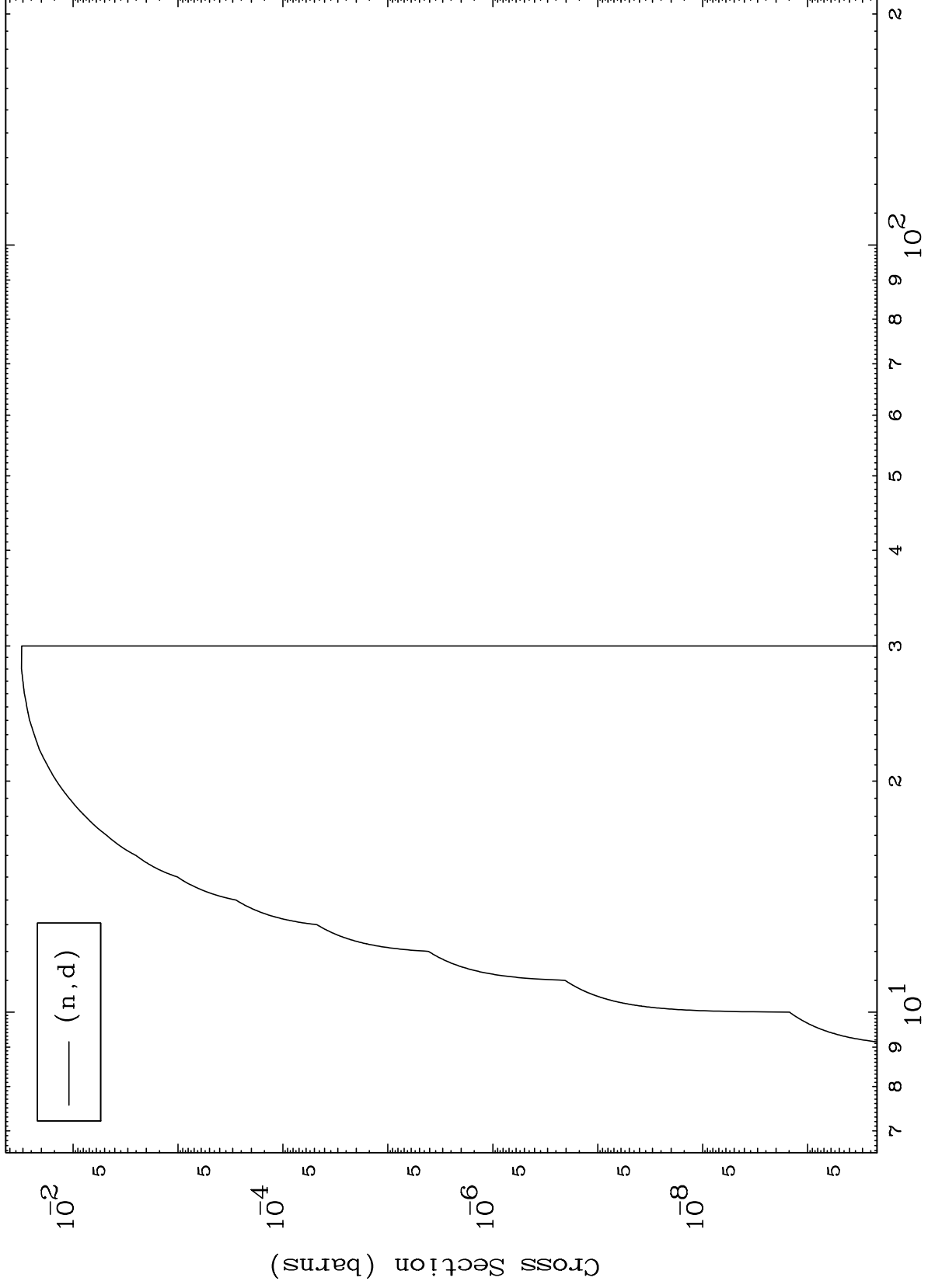
Incident Energy (MeV)

48-Cd-114

MAT 4849

(p,d) Levels
0 Kelvin Cross Sections

48-Cd-114



8

Incident Energy (MeV)

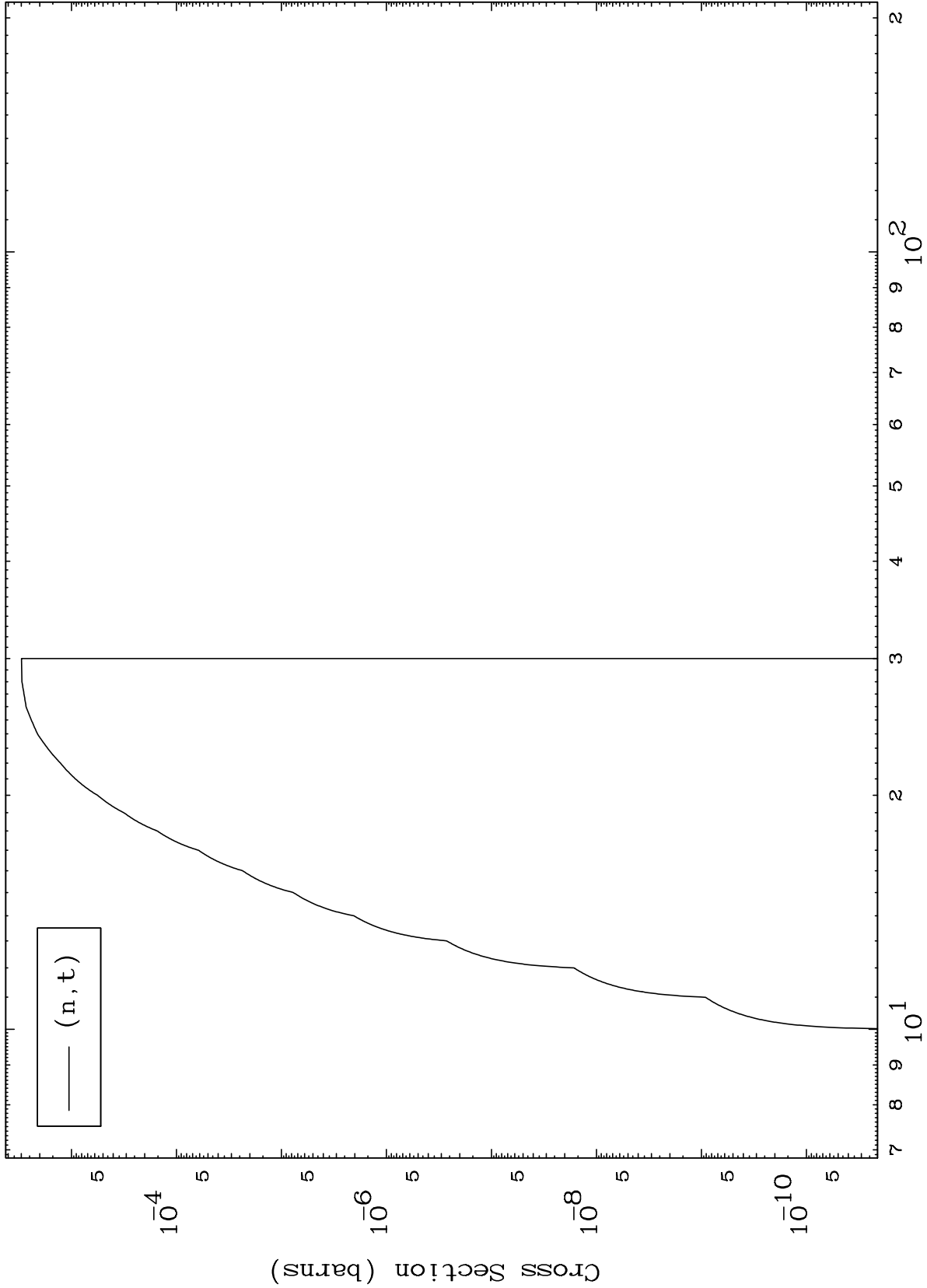
48-Cd-114

MAT 4849

(p,t) Levels

48-Cd-114

0 Kelvin Cross Sections



9

Incident Energy (MeV)

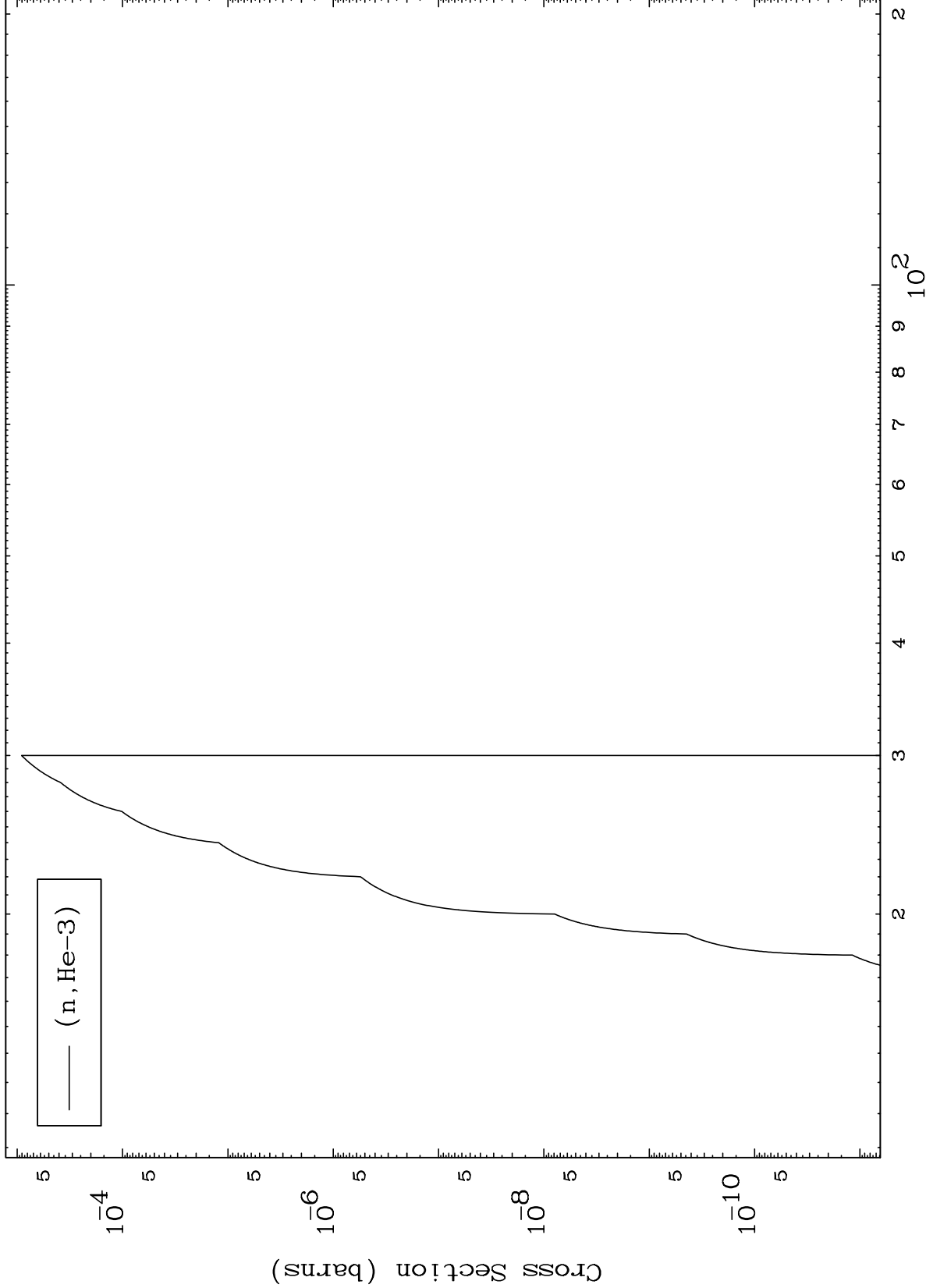
48-Cd-114

MAT 4849

(p,He3) Levels

48-Cd-114

0 Kelvin Cross Sections



10

Incident Energy (MeV)

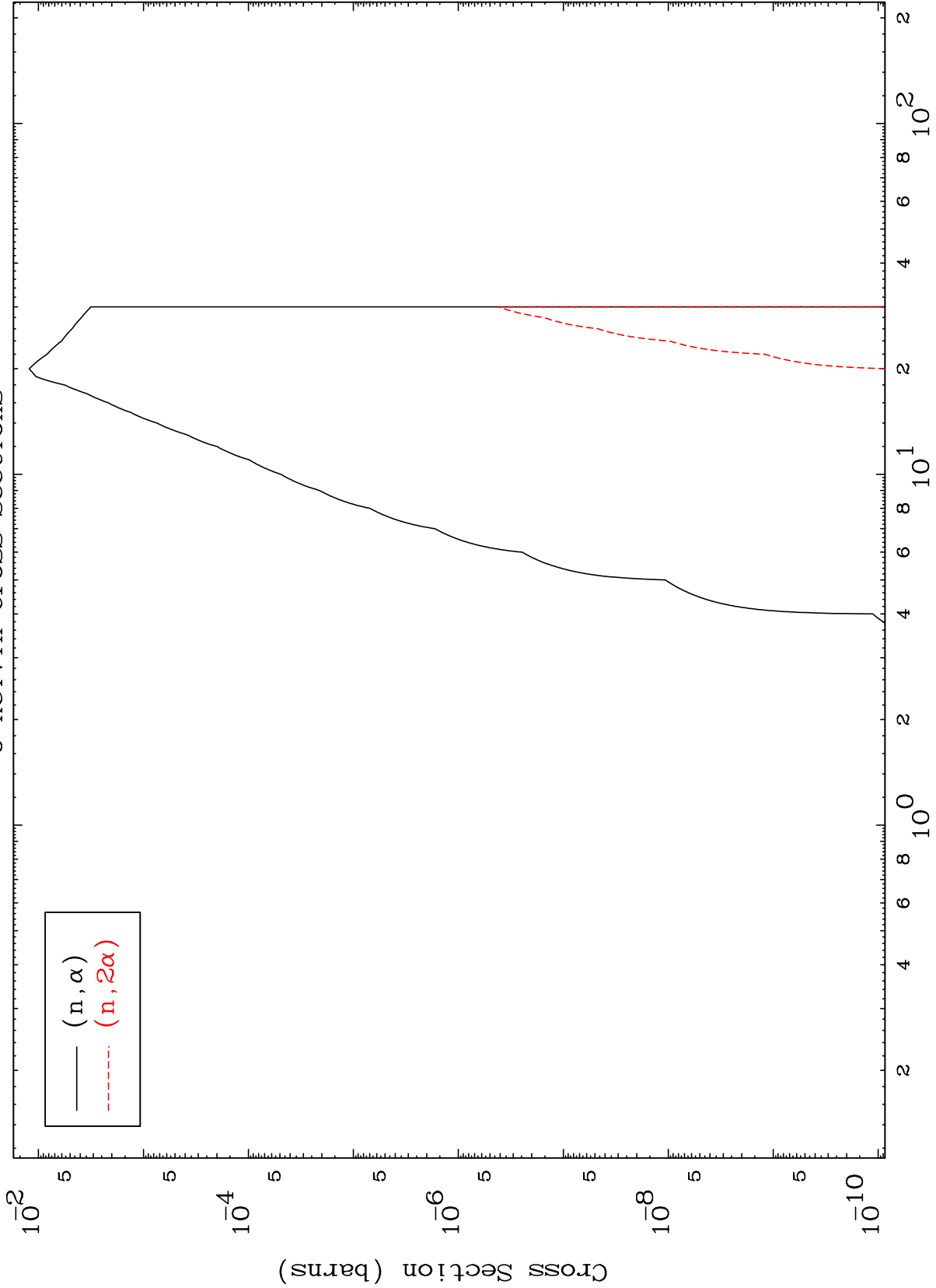
48-Cd-114

MAT 4849

(p, α) Levels

48-Cd-114

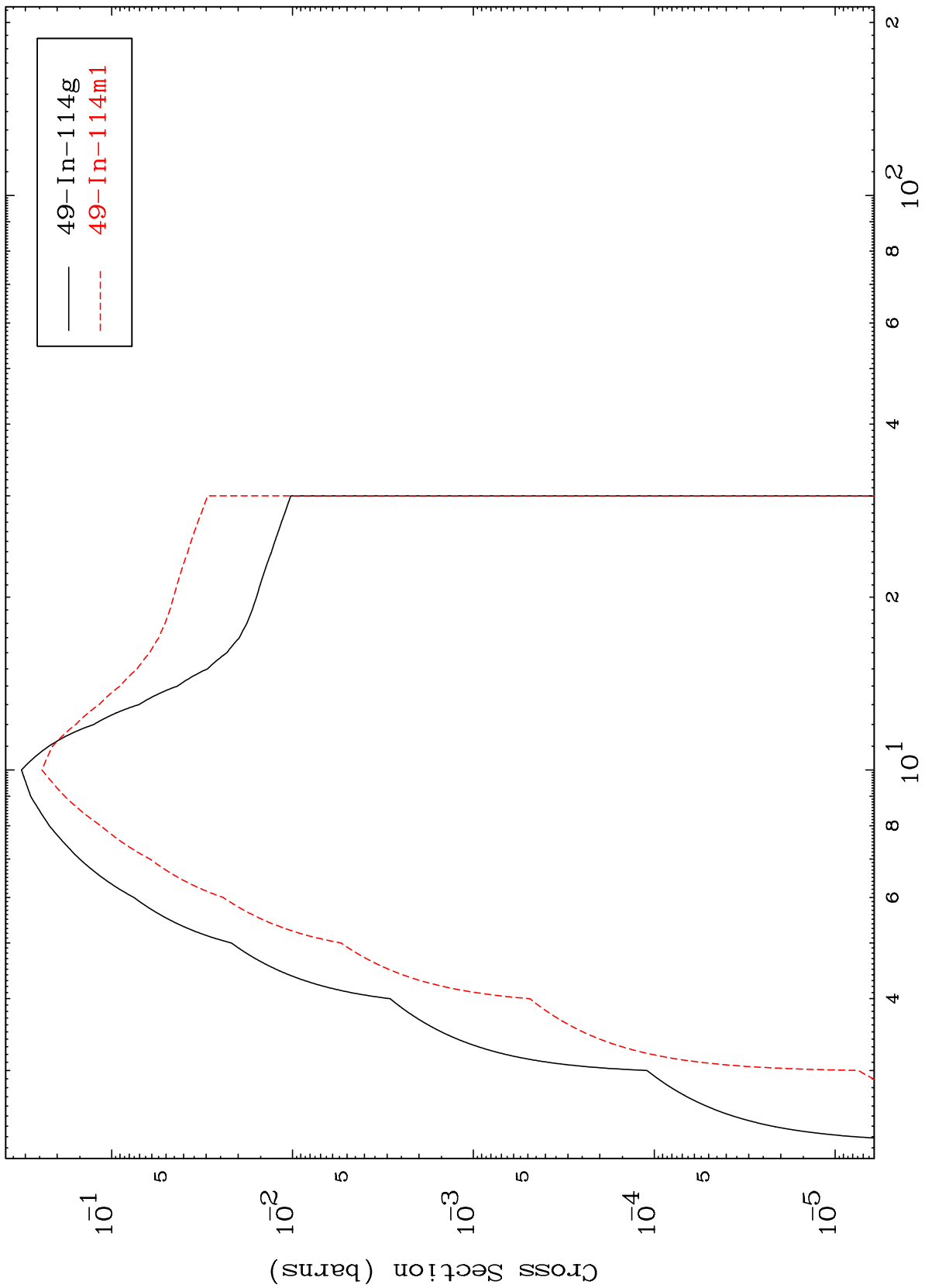
0 Kelvin Cross Sections



MAT 4849

48-Cd-114

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

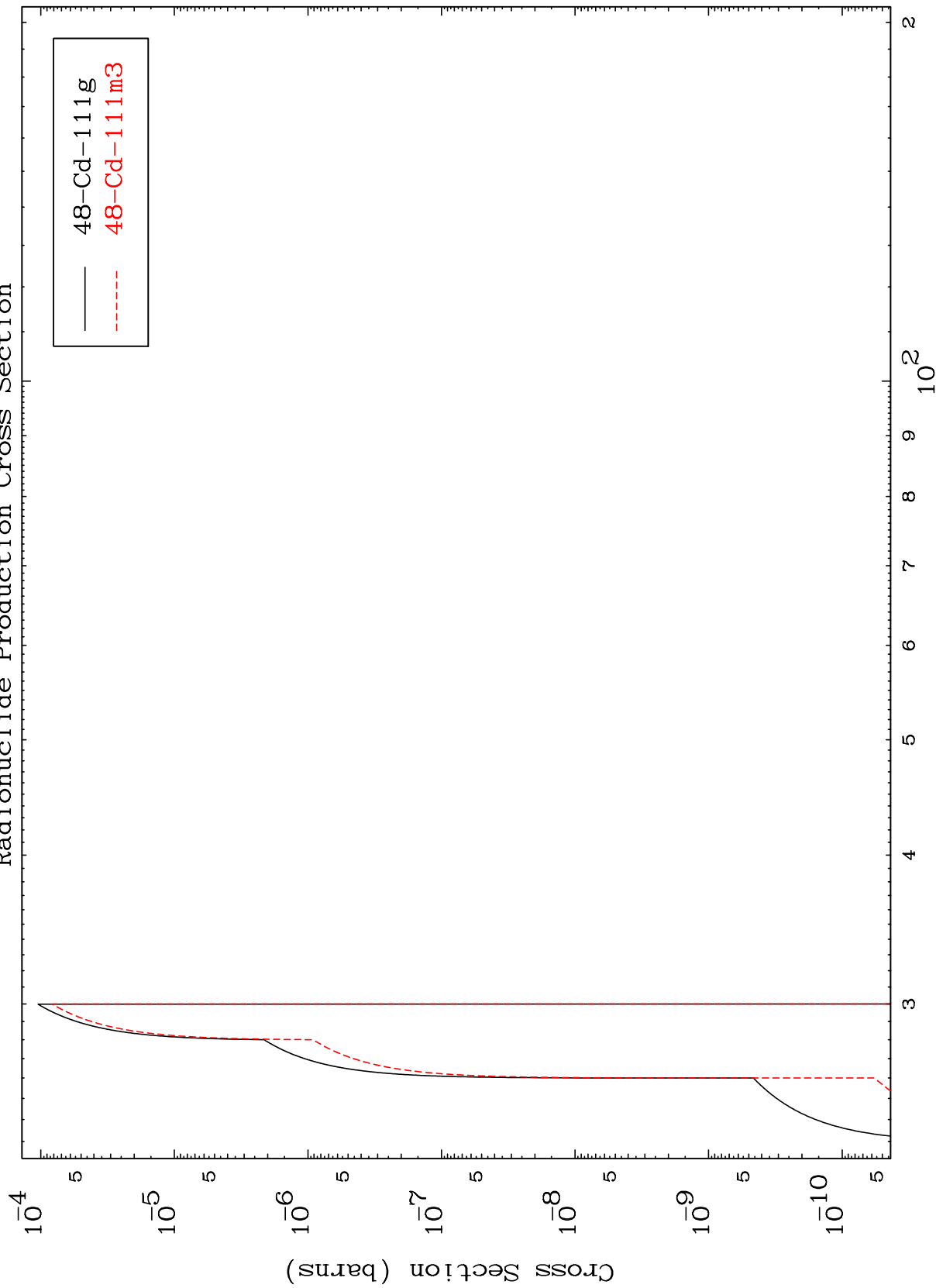
48-Cd-114

MAT 4849

(n,2n) d

48-Cd-114

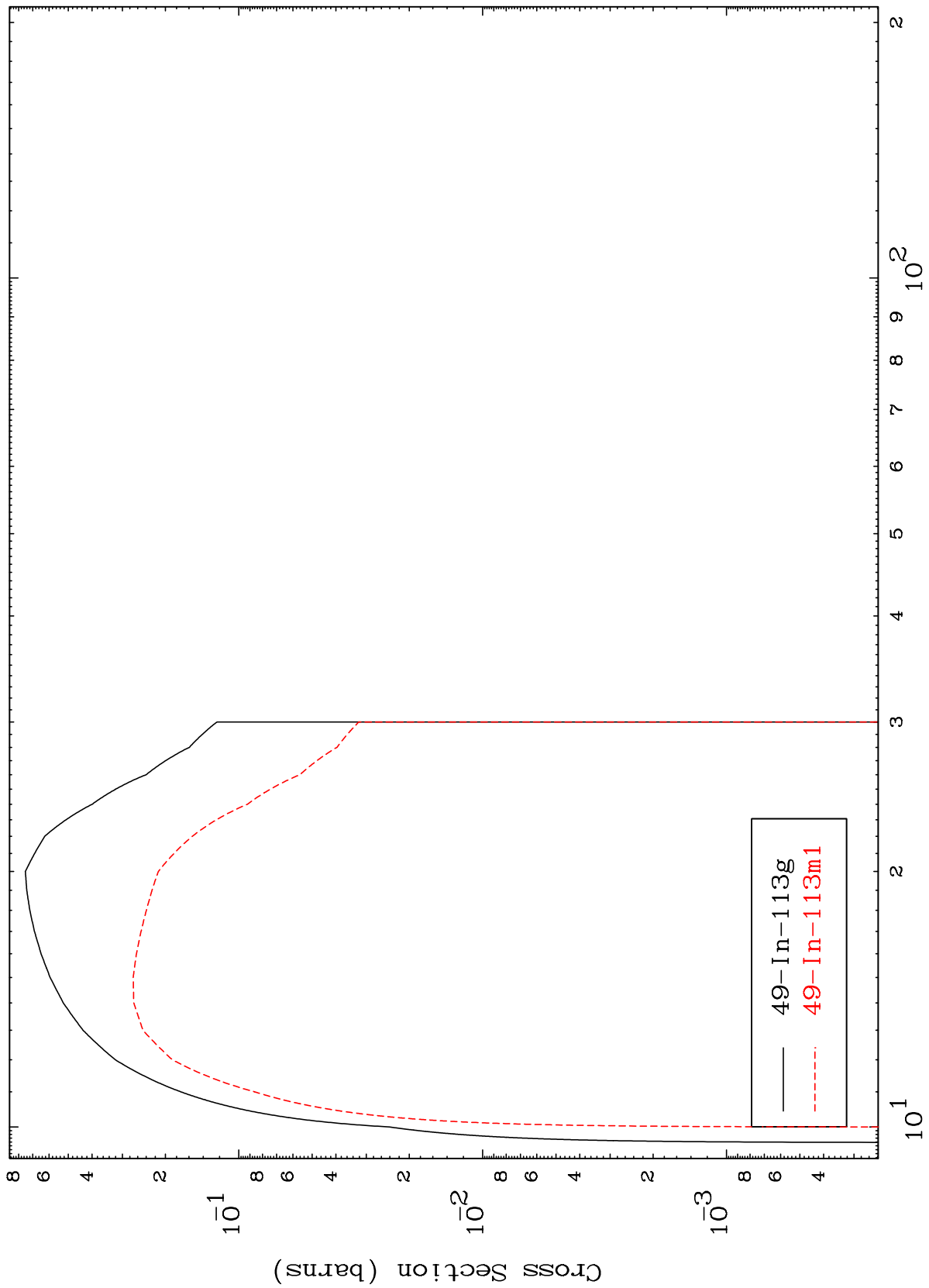
Radionuclide Production Cross Section



MAT 4849

48-Cd-114

(n,2n)
Radionuclide Production Cross Section



48-Cd-114

Incident Energy (MeV)

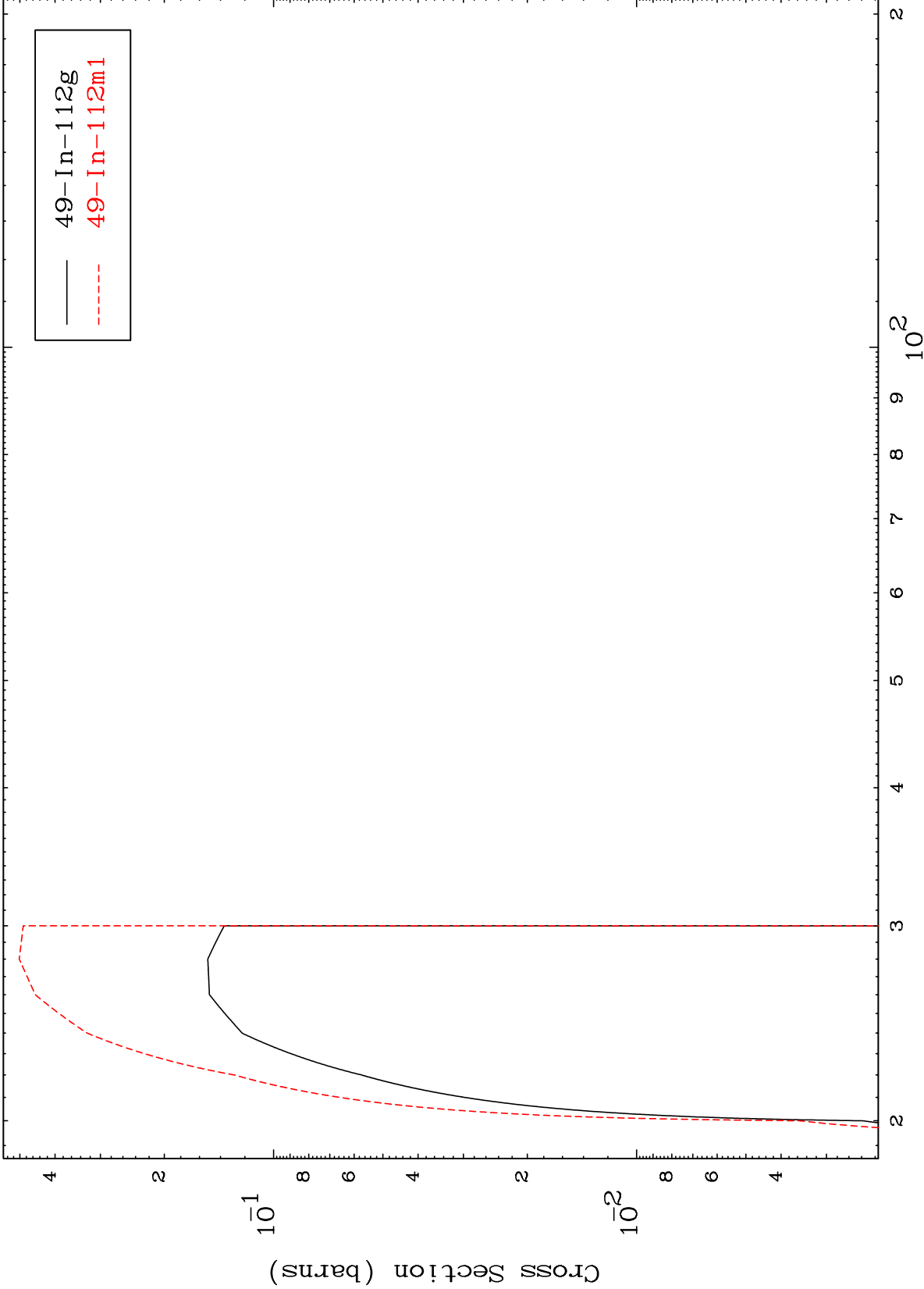
14

MAT 4849

(n,3n)

48-Cd-114

Radionuclide Production Cross Section



15

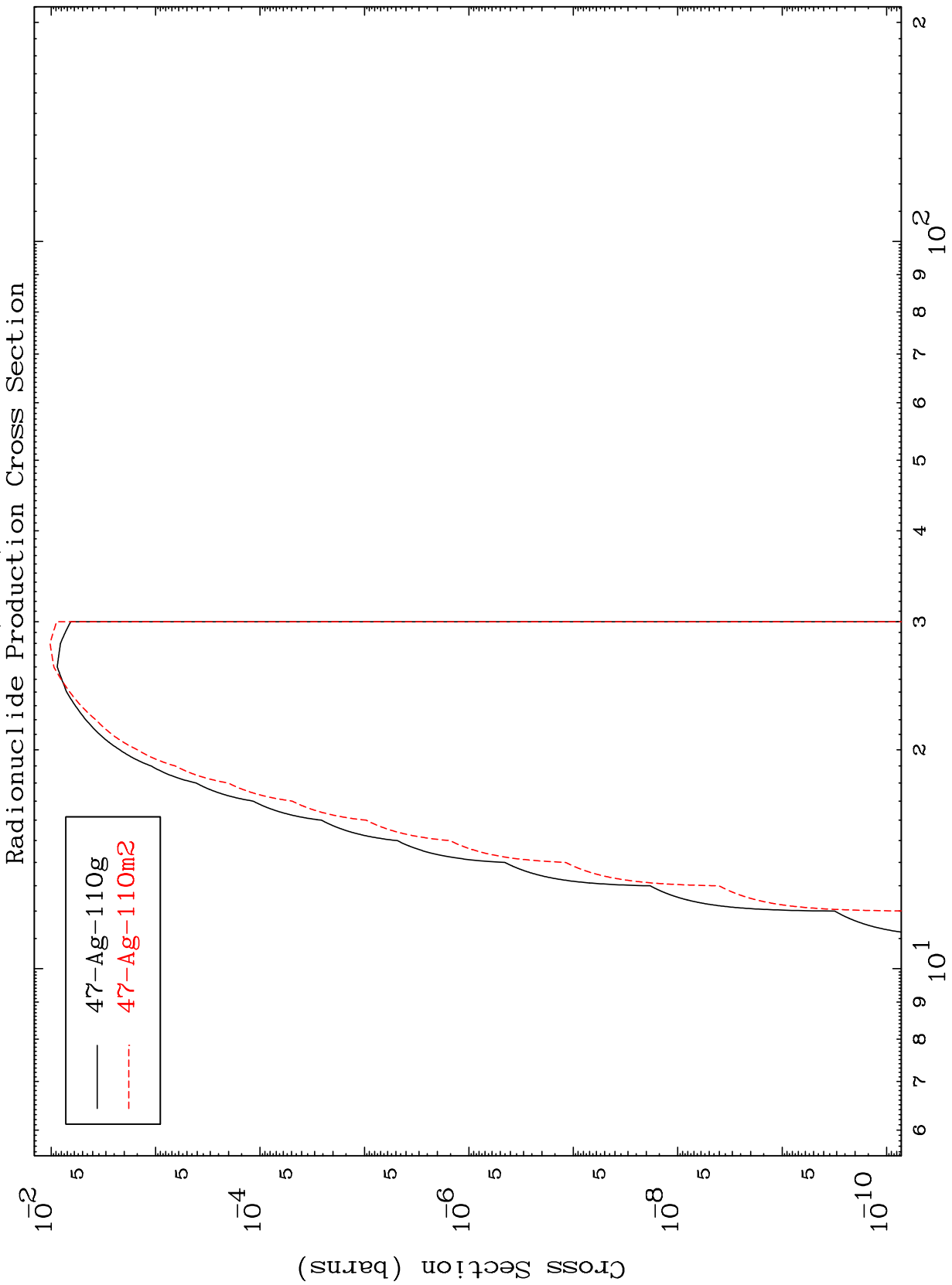
Incident Energy (MeV)

48-Cd-114

MAT 4849

48-Cd-114

(n,n') α



16

48-Cd-114

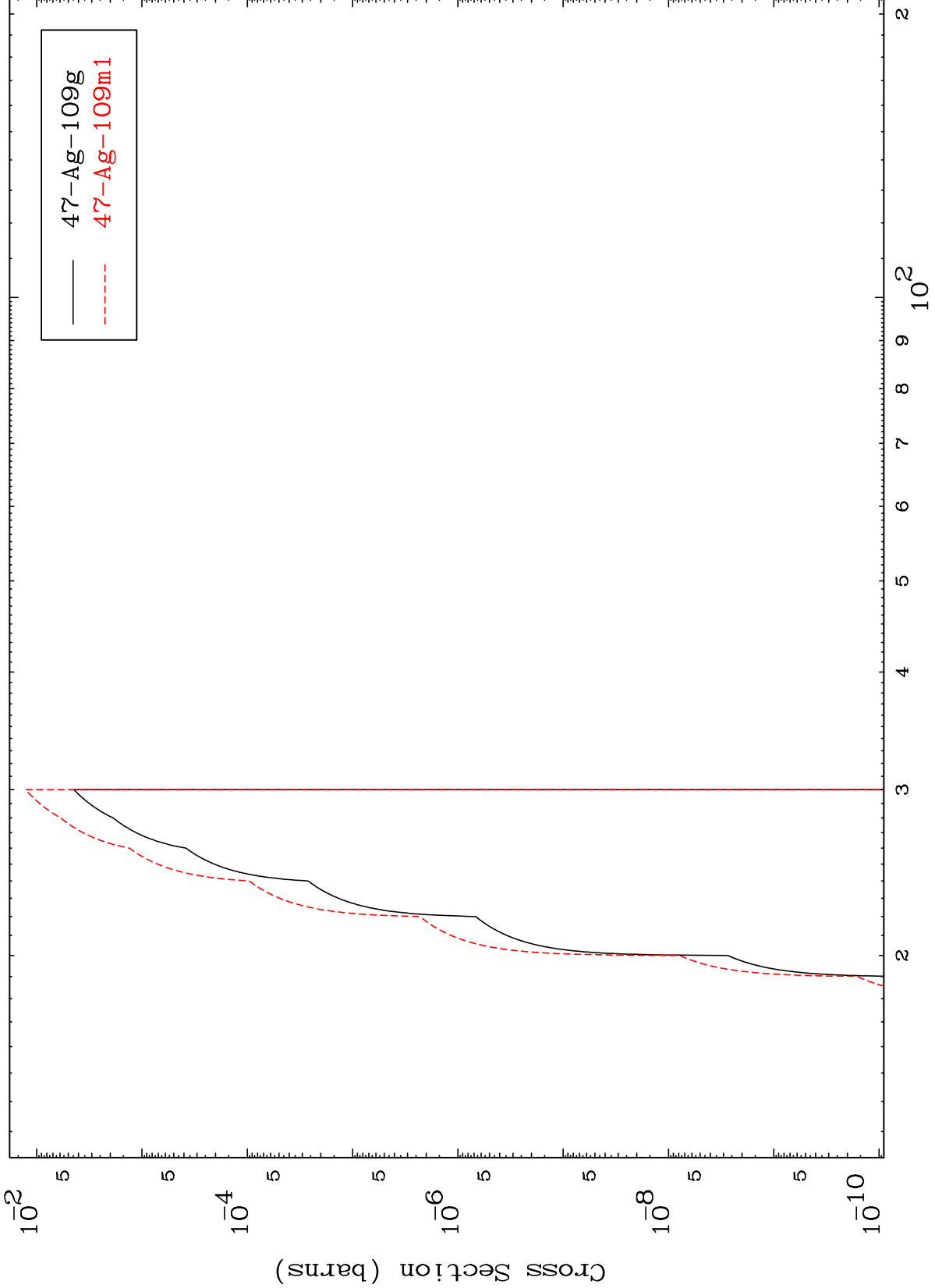
48-Cd-114

MAT 4849

(n,2n) α

48-Cd-114

Radionuclide Production Cross Section



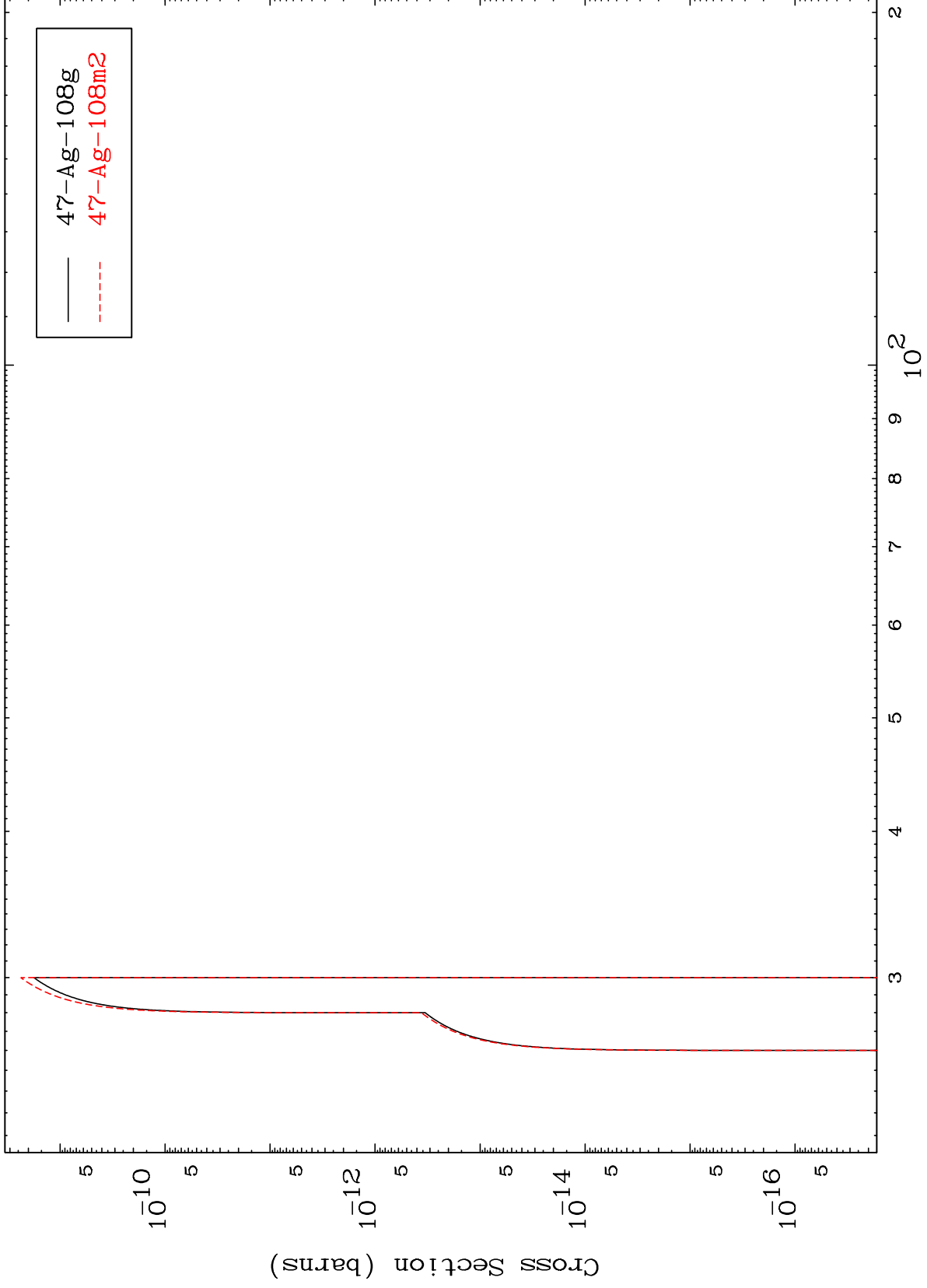
47-Ag-109g
47-Ag-109m1

MAT 4849

(n,3n) α

48-Cd-114

Radionuclide Production Cross Section



18

Incident Energy (MeV)

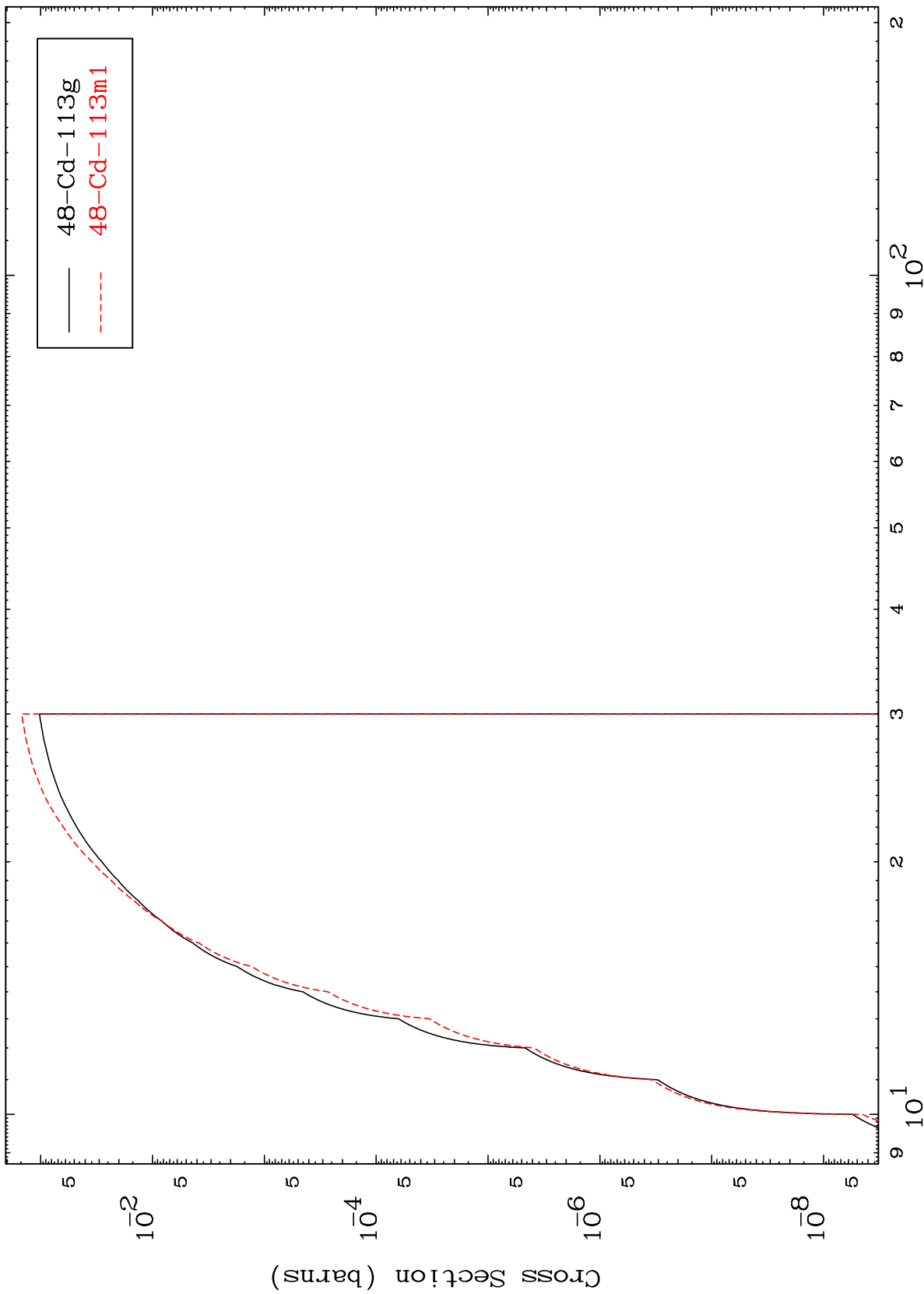
48-Cd-114

MAT 4849

(n,n') p

48-Cd-114

Radionuclide Production Cross Section



19

Incident Energy (MeV)

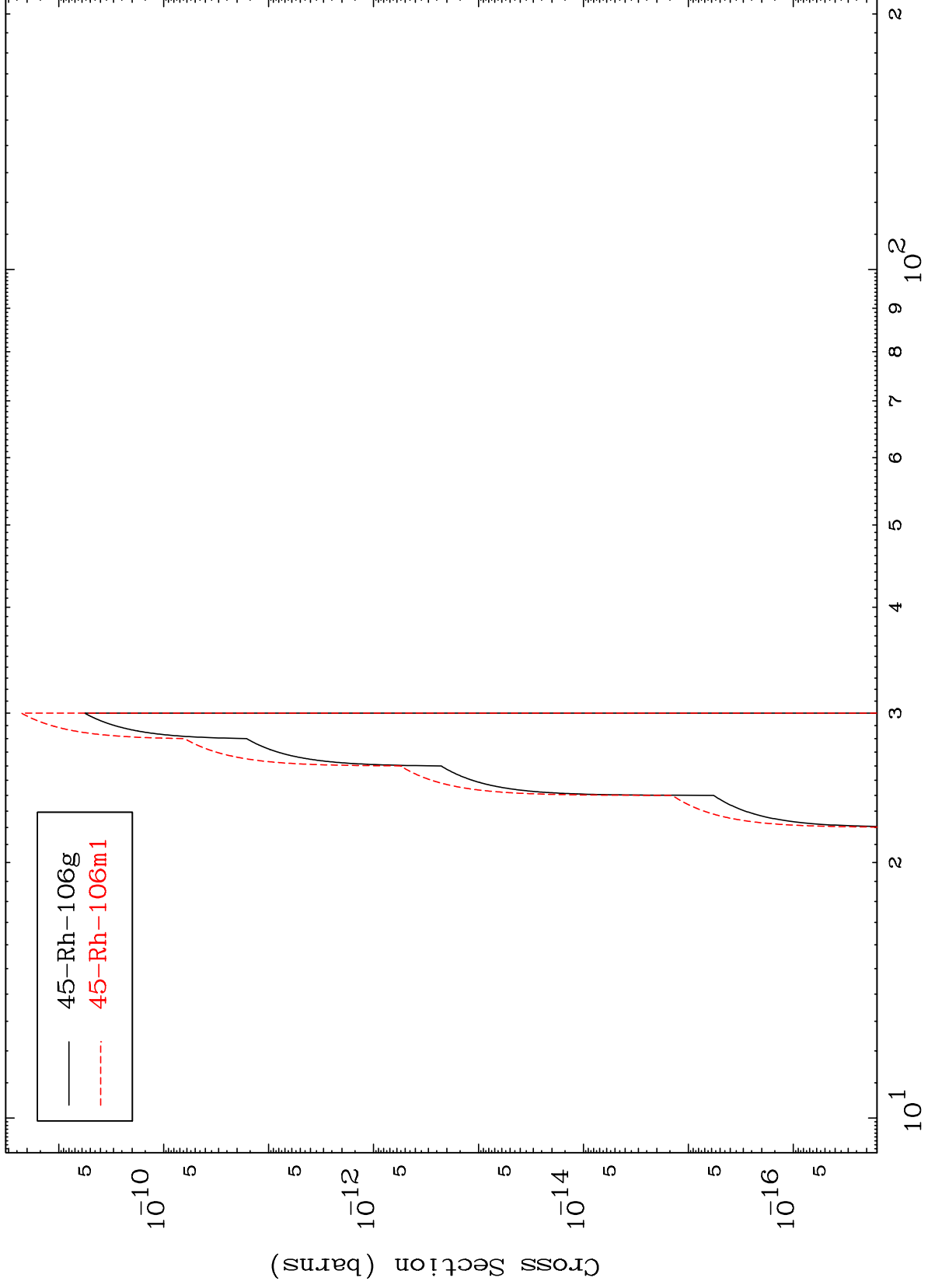
48-Cd-114

MAT 4849

(n,n') 2α

48-Cd-114

Radionuclide Production Cross Section



Incident Energy (MeV)

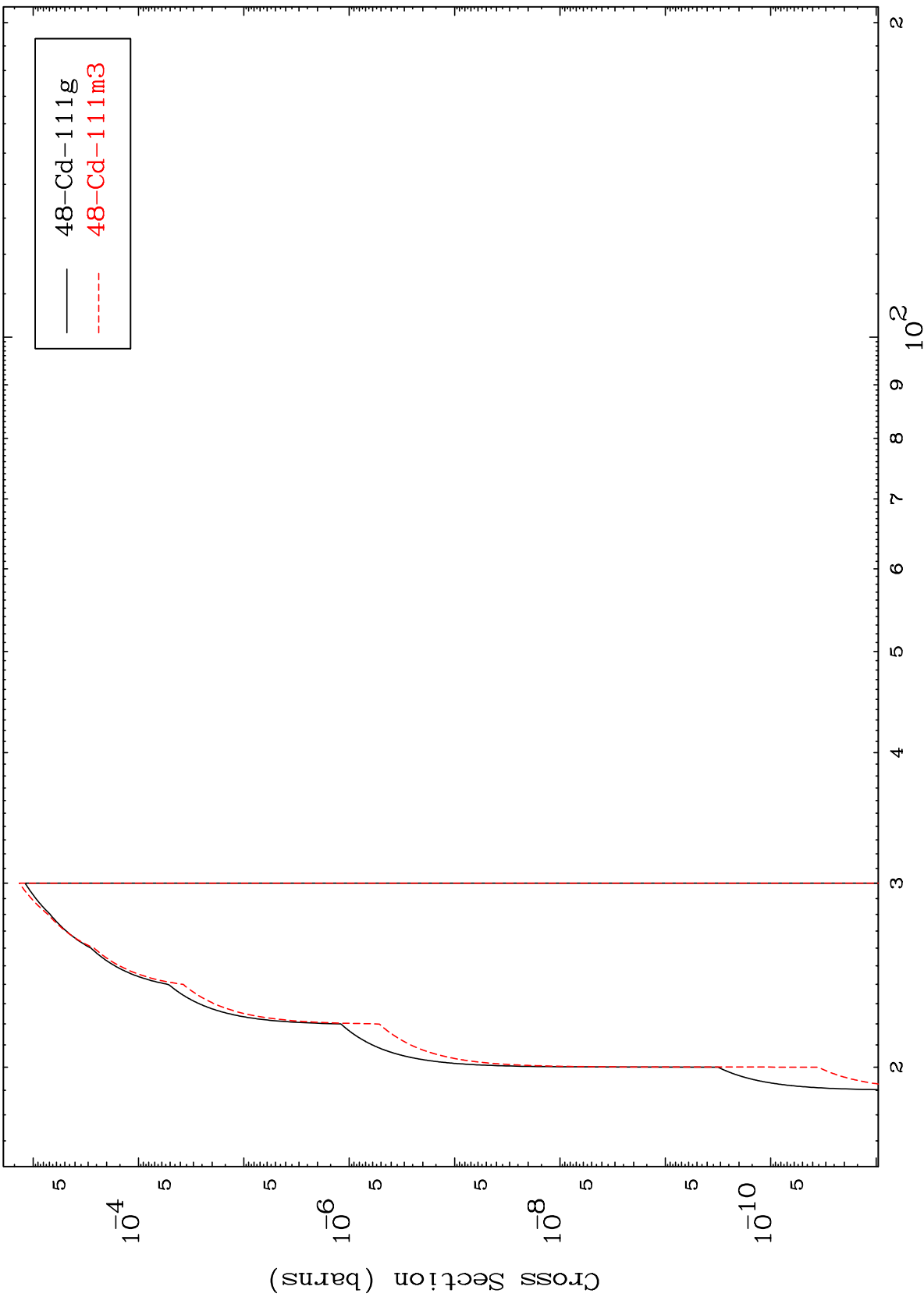
48-Cd-114

MAT 4849

(n,n') t

48-Cd-114

Radionuclide Production Cross Section



21

Incident Energy (MeV)

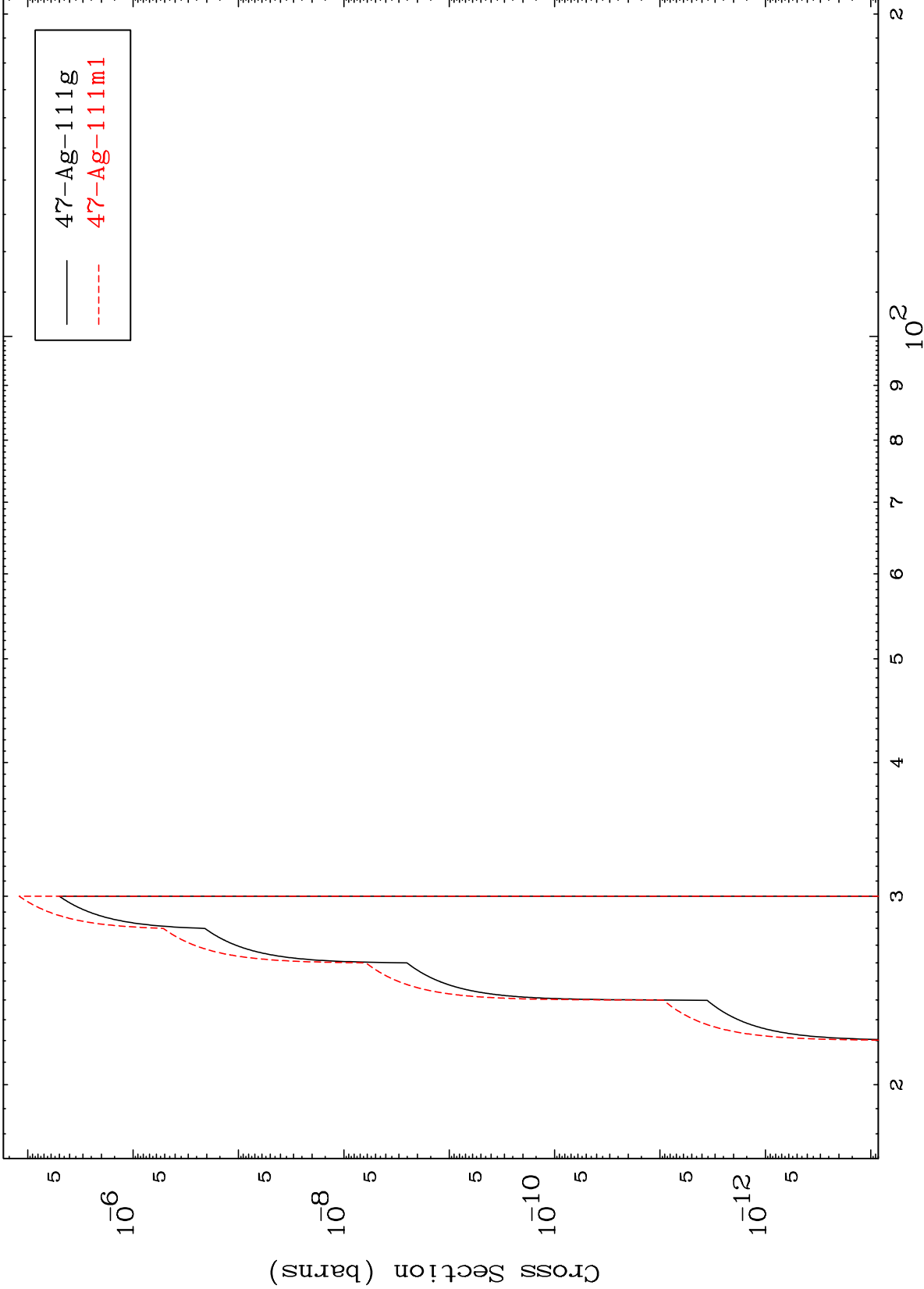
48-Cd-114

MAT 4849

(n,n') He-3

48-Cd-114

Radionuclide Production Cross Section



22

Incident Energy (MeV)

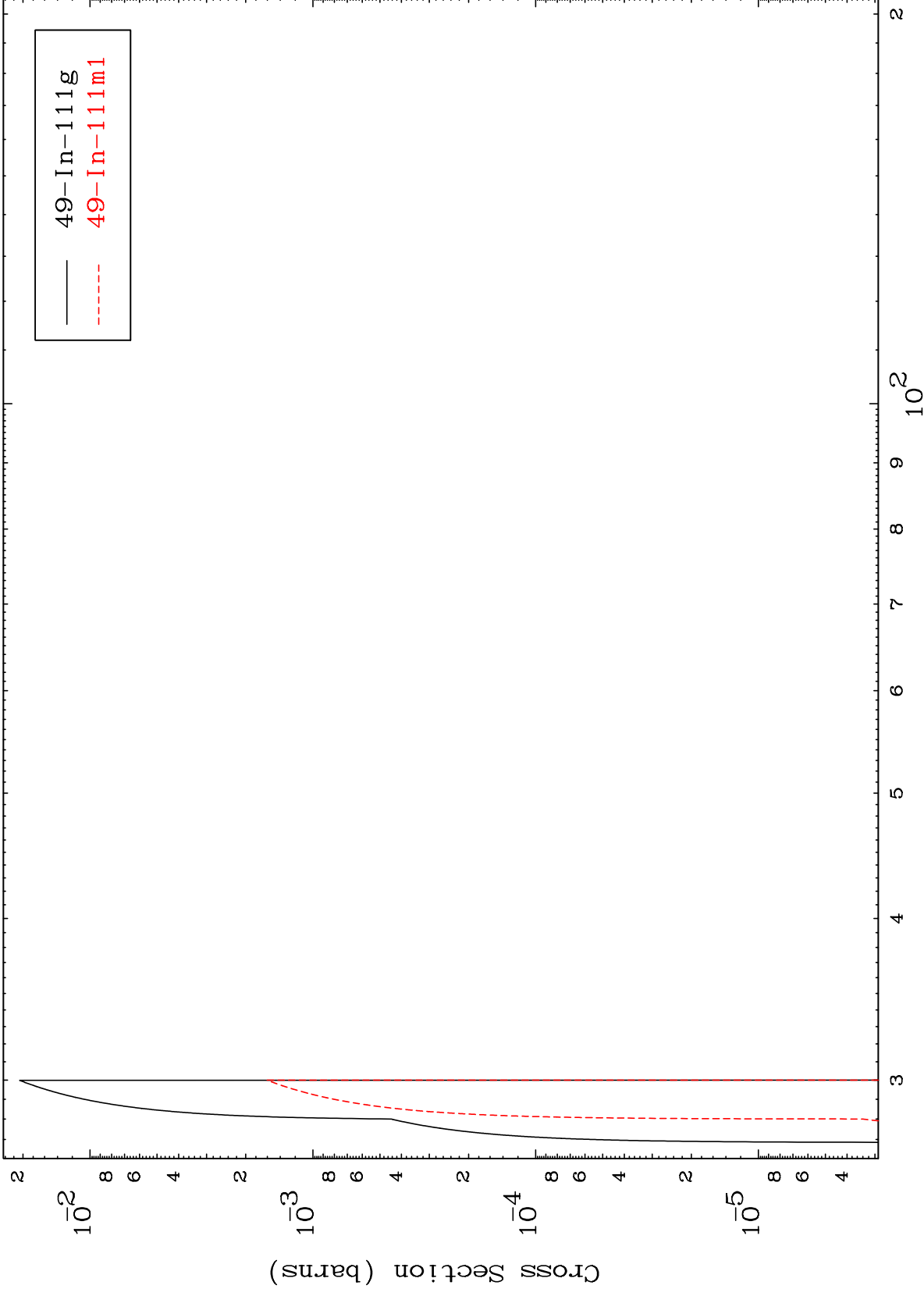
48-Cd-114

MAT 4849

(n,4n)

48-Cd-114

Radionuclide Production Cross Section



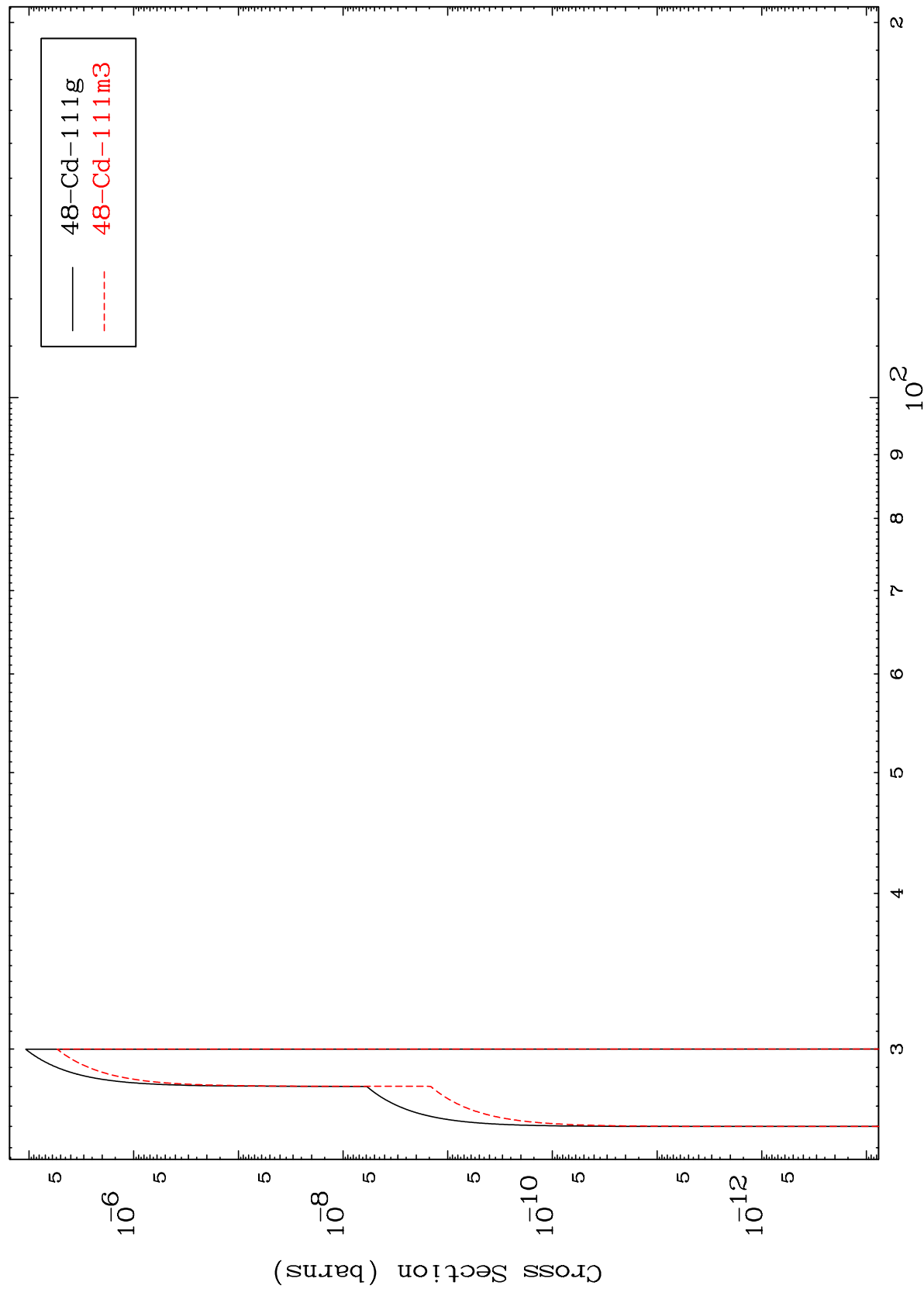
49-In-111g
49-In-111m1

MAT 4849

(n,3n) p

48-Cd-114

Radionuclide Production Cross Section

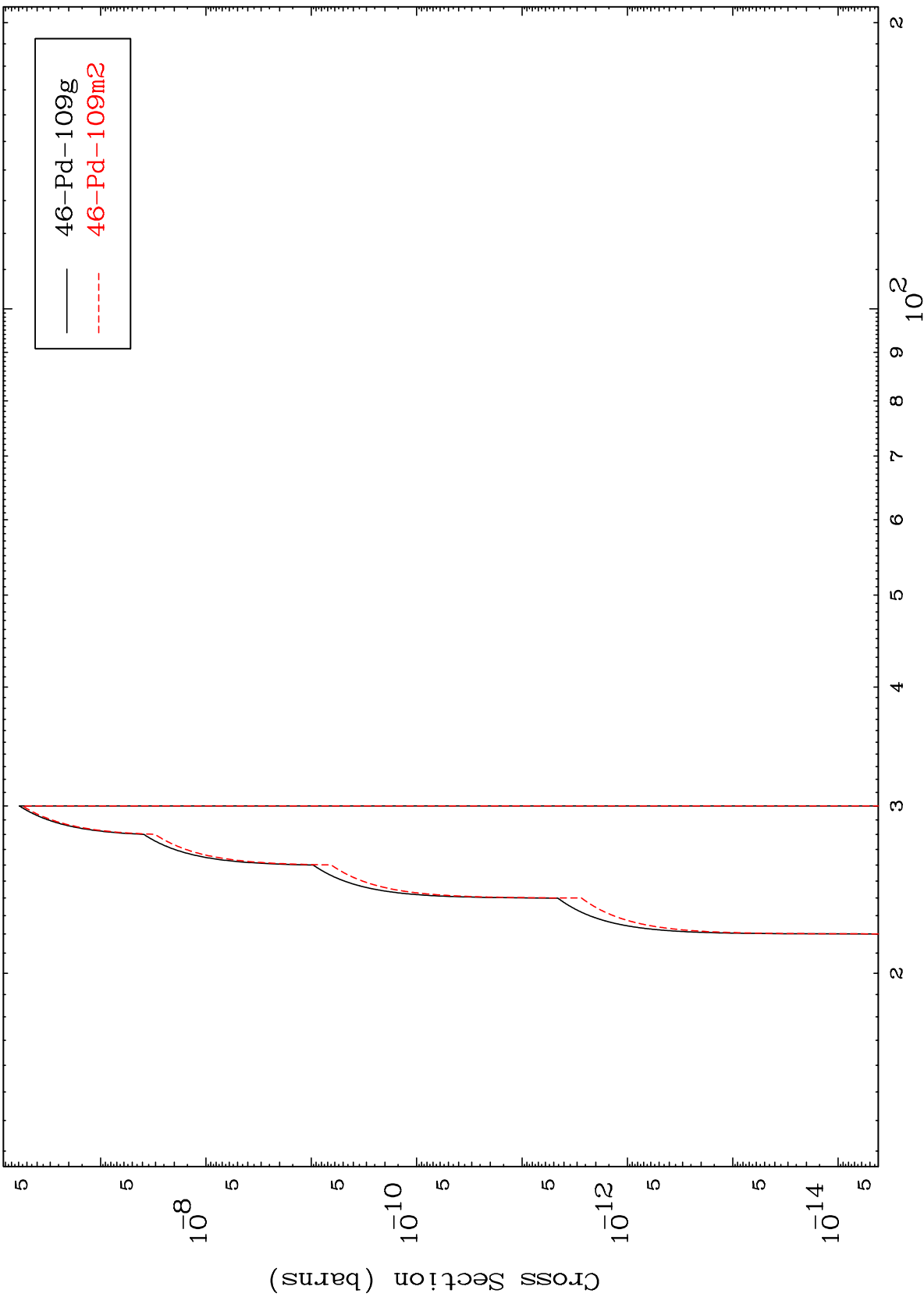


24

Incident Energy (MeV)

48-Cd-114

Radionuclide Production Cross Section

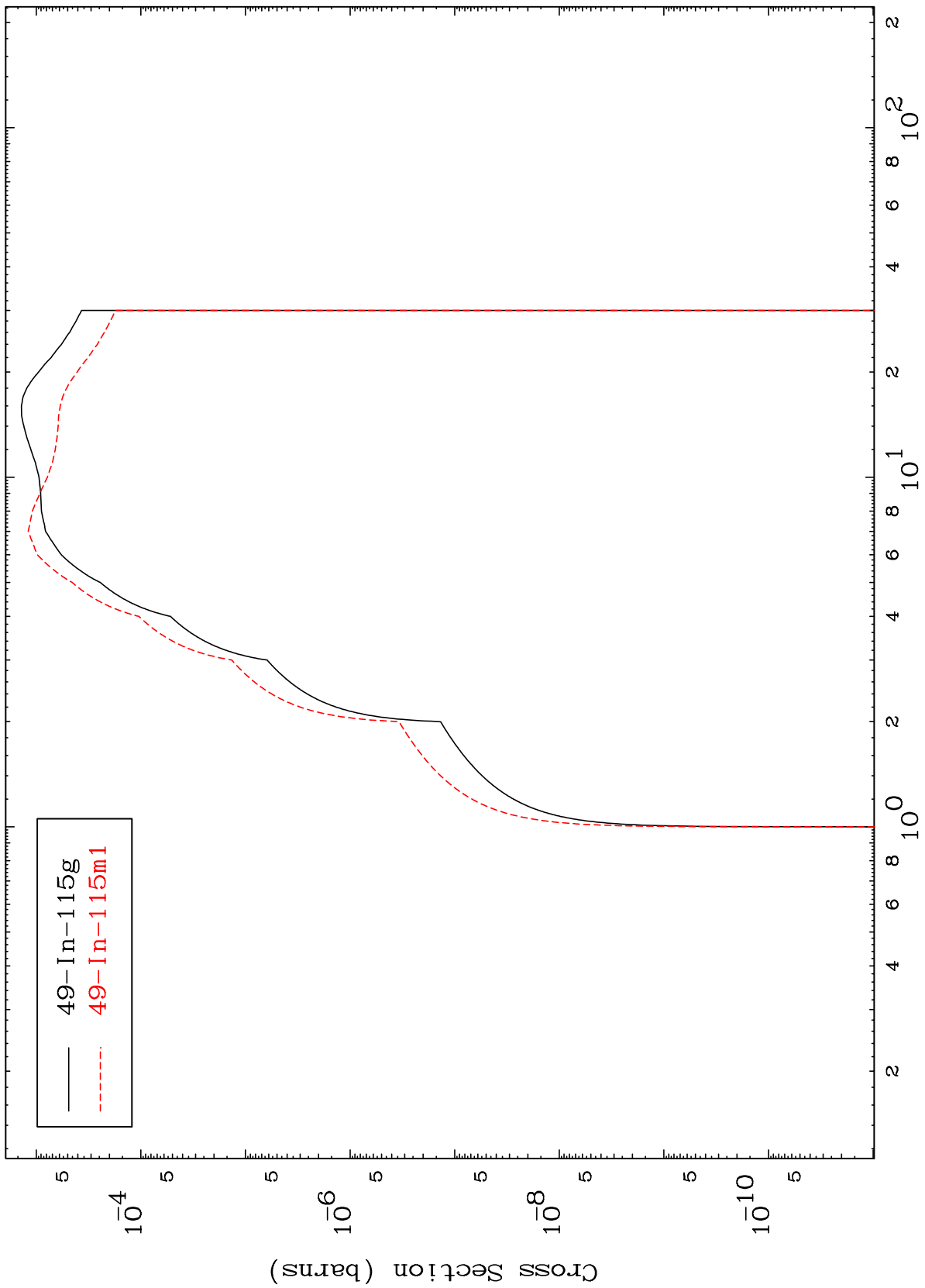


46-Pd-109g
46-Pd-109m2

MAT 4849

48-Cd-114

(n,γ)
Radionuclide Production Cross Section



26

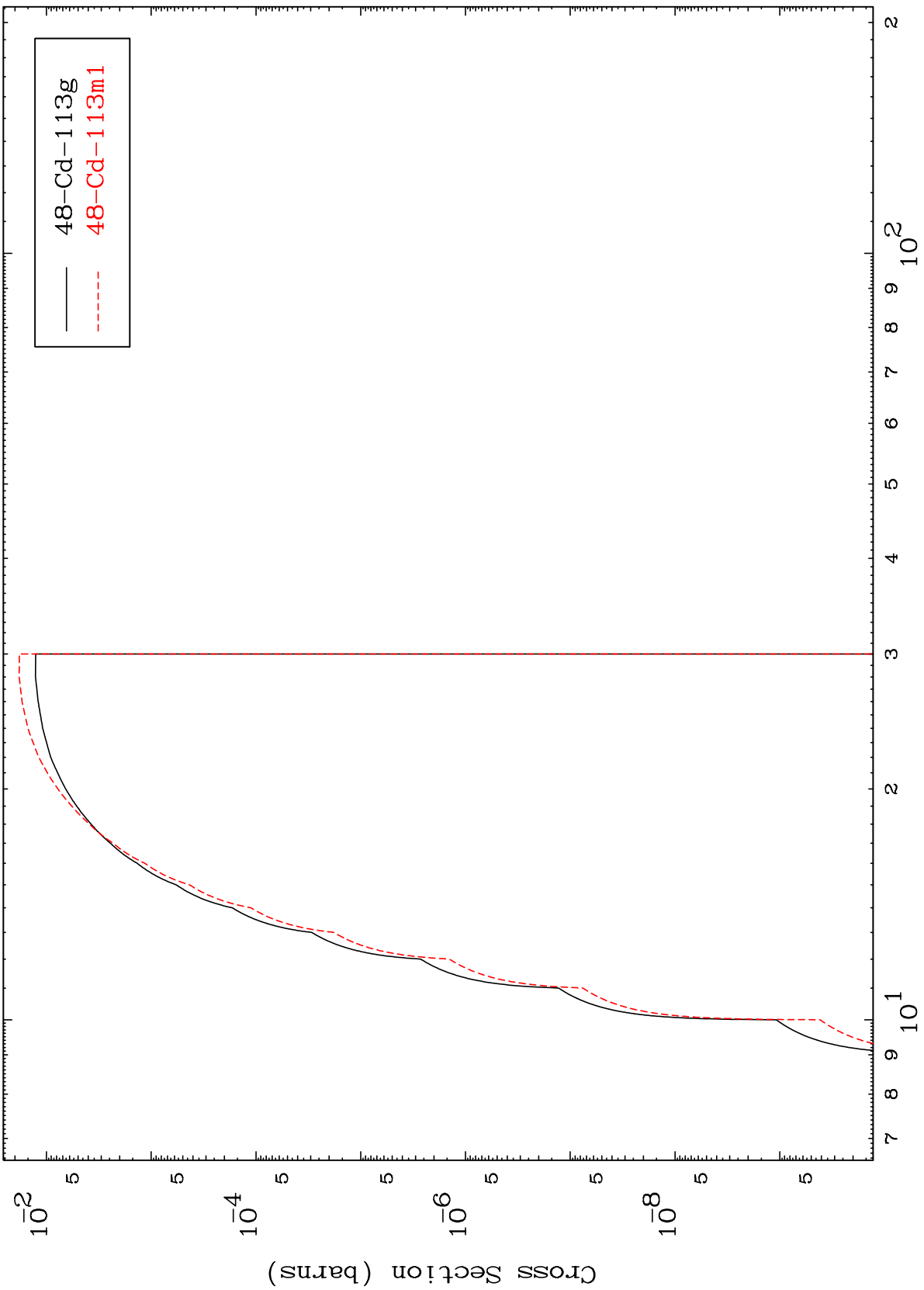
48-Cd-114

Incident Energy (MeV)

MAT 4849

48-Cd-114

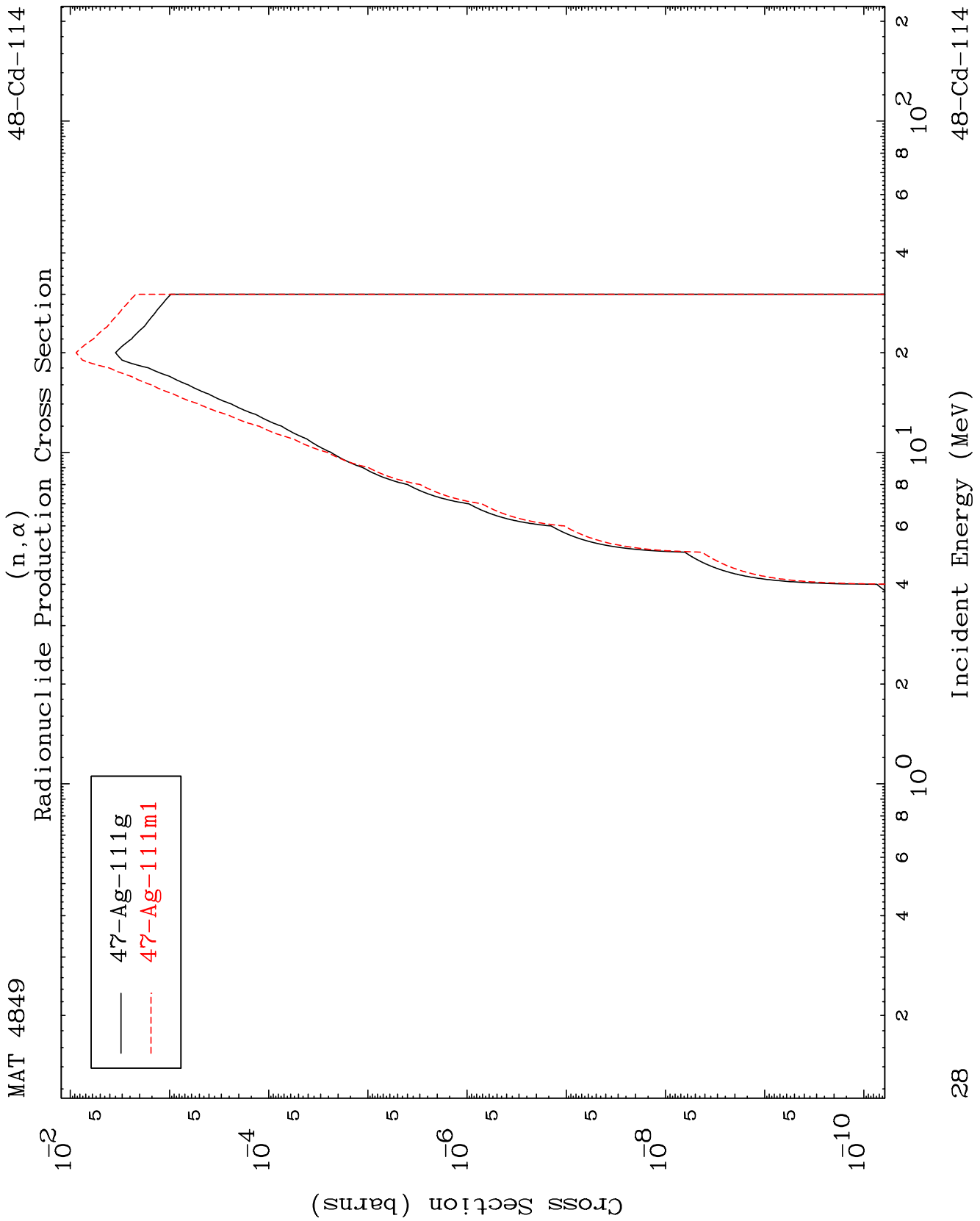
(n,d)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

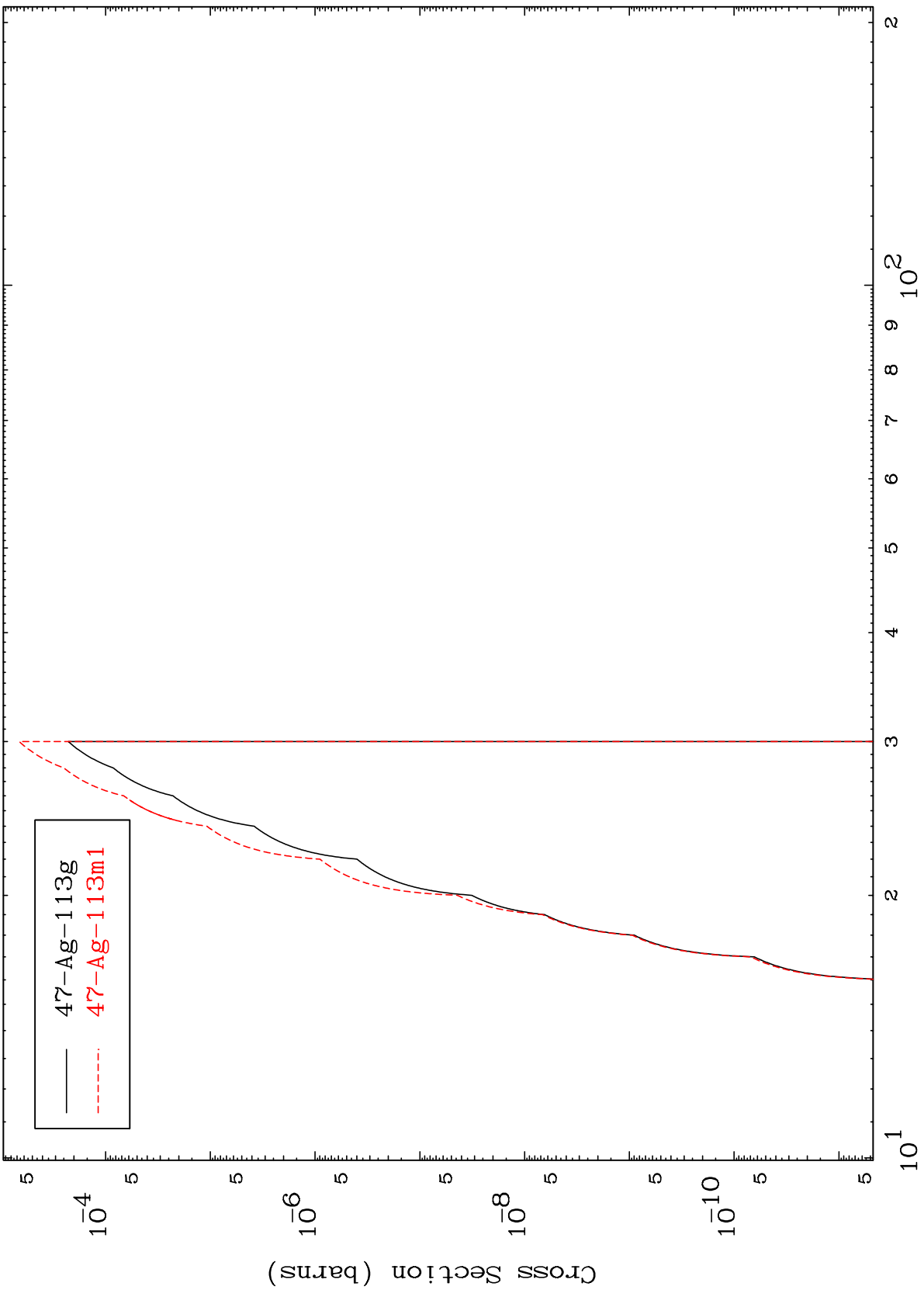
48-Cd-114



MAT 4849

48-Cd-114

(n,2p)
Radionuclide Production Cross Section



— 47-Ag-113g
- - - 47-Ag-113m1

48-Cd-114

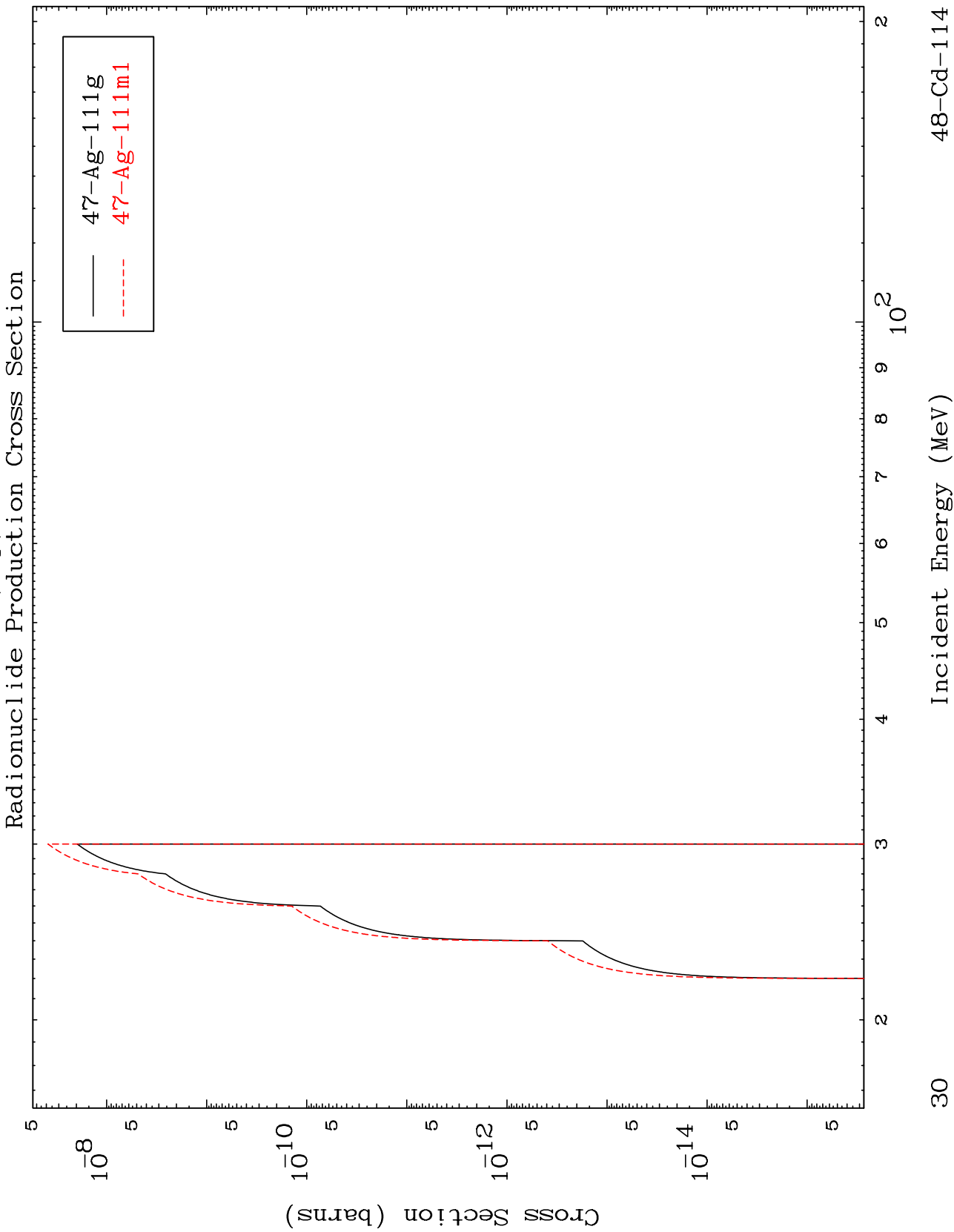
Incident Energy (MeV)

29

MAT 4849

(n,p) t

48-Cd-114



30

Incident Energy (MeV)

48-Cd-114

MAT 4849

(n,d) α

48-Cd-114

Radionuclide Production Cross Section

